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Assessment Report on
Airborne Magnetic Geophysical Surveying and
Inversion Modelling on
the Jackfish Property

Syine Township

Thunder Bay Mining Division

District of Thunder Bay, Ontario

NTS 42D15

NAD83 Zone 16 UTM

504,734 mE 5,409,565 mN Latitude 48° 50’ 20.5”N Longitude 86° 56’ 07.7”W

October 12, 2017 to March 19, 2018

By Troy Gill, B.Sc., MAIG.
Sanatana Resources Inc.
#908-925 West Georgia Street
VANCOUVER, BC, V6C 3L2
Cl. #409847

December 6, 2018

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Summary

The Jackfish property is located within the Syine Township, on the north shore of Lake Superior in northwestern Ontario, approximately 250 km east of Thunder Bay (Figure 1). In total, the Jackfish property comprises 281 combined single and boundary cell mining claim covering an area of 3,769 hectares, held under option by Sanatana Resources Inc. from three separate parties. The property is accessed by bush trails off of the Trans-Canada Highway 17. All co-ordinates quoted in text or appearing on maps are either latitude and longitude or Universal Transverse Mercator (UTM) metres easting and northing using the North American Datum 83 (NAD83) Zone 16.

The property is located in the Wawa subprovince of the Superior Province of the Canadian Shield specifically the metavolcano-sedimentary Schreiber-Hemlo greenstone belt. The greenstone belt consists of metavolcanic and metasedimentary rocks into which the Terrace Bay batholith was emplaced. The property encompasses the eastern half of the Terrace Bay batholith. The Terrace Bay Batholith is host to numerous small historic gold and base metal occurrences and there is potential to find others, perhaps of economic significance in current times.

Historic mining and exploration on the property dates back to the late 19th century. Since then various companies explored in the area completing surveys, including geophysical surveys, mapping, trenching, sampling and drilling and discovered several mineral occurrences.

Between the dates of October 12 to 21, 2017 an unmanned aerial vehicle (UAV) based airborne magnetic geophysical surveys was undertaken by Stratus Aeronautics Inc. for Sanatana Resources Inc. over 65 cell mining claims of the Jackfish property. The model data was received on March 19, 2018. The purpose of the work was to delineate structures possibly hosting gold and basemetal mineralization within or at the contact with the Terrace Bay Batholith granodiorite rocks of the Schreiber- Hemlo greenstone belt. The raw data collected from the survey was subsequently processed and the corrected data used to generate a 3D inversion model of magnetic susceptibility by Campbell & Walker Geophysics Ltd. The model data was received on March 19, 2018.

This report presents the survey and modelling parameters and data and some qualitative interpretations that will help to guide future exploration work on parts of the Jackfish property.

Introduction

Between the dates of October 12 to 21, 2017 an unmanned aerial vehicle (UAV) based airborne magnetic geophysical surveys was undertaken over 65 cell mining claims of the Jackfish property near Terrace Bay, Ontario for Sanatana Resources Inc. ("Sanatana"). The purpose of the work was to delineate structures possibly hosting gold and base metal mineralization within or at the contact with the Terrace Bay Batholith granodiorite rocks of the Schreiber- Hemlo greenstone belt. The Terrace Bay Batholith is host to numerous small historic gold and base metal occurrences and there is potential to find others, perhaps of economic significance in current times.

The raw data collected from the survey was subsequently processed and the corrected data used to generate a 3D inversion model of magnetic susceptibility. The model data was received on March 19, 2018.

This report presents the survey and modelling parameters and data and some qualitative interpretations that will help to guide future exploration work on parts of the Jackfish property.

Property Location, Description and Access

The Jackfish property is located within the Syine Township, on the north shore of Lake Superior in northwestern Ontario, approximately 250 km east of Thunder Bay (Figure 1). In total, the Jackfish property comprises 281 combined single and boundary cell mining claim covering an area of 3,769 hectares, held under option by Sanatana and three other optionor groups; Alto Ventures Ltd., Rudy Wahl and Richards et al (including Wayne Richards, Francine Richards and James Hamel).

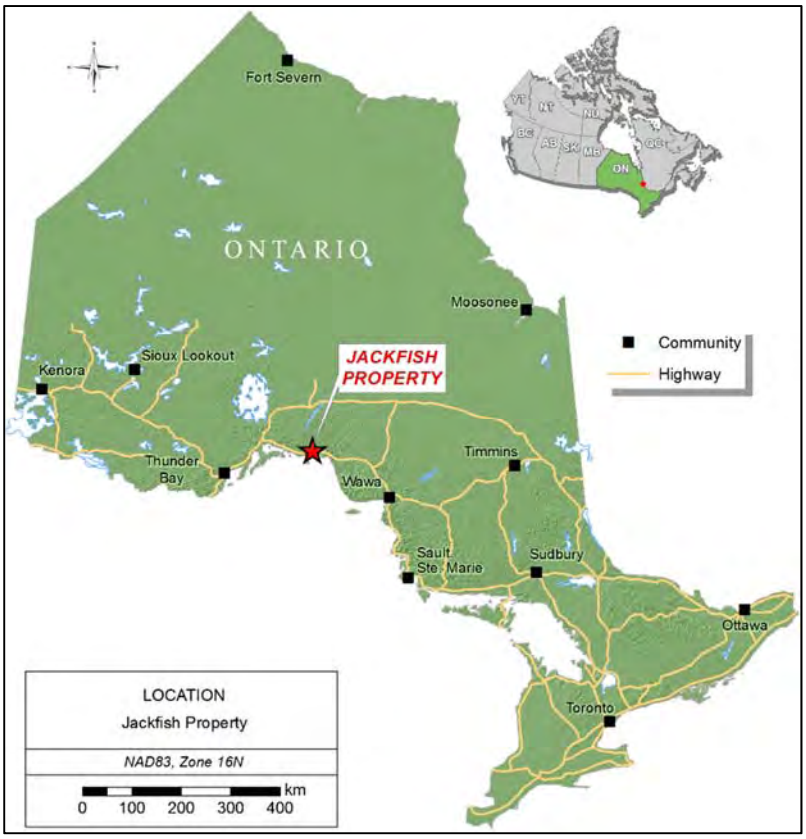

***Figure 1**: Property Location Map.*

The UAV magnetic survey area is centered on 504,734 mE 5,409,565 mN (NAD 83 Zone 16) or at Latitude 48° 50' 20.5"N Longitude 86° 56' 07.7"W within the property.

The property is accessed by travelling 20 km east of Terrace Bay or 63 km west from Marathon via Trans-Canada Highway 17. The mining claims are readily accessible off the Highway 17 by All-terrain vehicle (ATV) along bush trails.

The terrain around the property is quit rugged and vegetation cover is moderately thick. There is a sparse to moderate amount of bedrock outcrop on the property, mostly along cliffs and at highway road cuttings, but exposure in the forest is commonly masked by moss cover.

The UAV magnetic survey was conducted over the cell mining claims listed in Table 1 and shown on the map (Figure 2).

***Table 1**: UAV Survey Area Cell Mining Claims.*

Tenure #	Township	Cell #	Type	Client ID	Holder
106904	SYINE	42D15E289	Boundary Cell Mining Claim	302737	100% Alto Ventures Ltd.
128695	SYINE	42D15E288	Boundary Cell Mining Claim	302737	100% Alto Ventures Ltd.
192693	SYINE	42D15E308	Boundary Cell Mining Claim	302737	100% Alto Ventures Ltd.
249402	SYINE	42D15E309	Boundary Cell Mining Claim	302737	100% Alto Ventures Ltd.
303967	SYINE	42D15E307	Boundary Cell Mining Claim	302737	100% Alto Ventures Ltd.
123323	SYINE	42D15D033	Boundary Cell Mining Claim	412540	100% Francine Richards
283111	SYINE	42D15E393	Boundary Cell Mining Claim	412540	100% Francine Richards
291176	SYINE	42D15D013	Boundary Cell Mining Claim	412540	100% Francine Richards
130628	SYINE	42D15E391	Boundary Cell Mining Claim	206079	100% Rudy Wahl
160744	SYINE	42D15E351	Single Cell Mining Claim	206079	100% Rudy Wahl
166072	SYINE	42D15E393	Boundary Cell Mining Claim	206079	100% Rudy Wahl
195337	SYINE	42D15E331	Boundary Cell Mining Claim	206079	100% Rudy Wahl
225461	SYINE	42D15E332	Boundary Cell Mining Claim	206079	100% Rudy Wahl
225462	SYINE	42D15E330	Boundary Cell Mining Claim	206079	100% Rudy Wahl
225463	SYINE	42D15E353	Boundary Cell Mining Claim	206079	100% Rudy Wahl
261360	SYINE	42D15E373	Boundary Cell Mining Claim	206079	100% Rudy Wahl
268806	SYINE	42D15E370	Boundary Cell Mining Claim	206079	100% Rudy Wahl
268807	SYINE	42D15E392	Boundary Cell Mining Claim	206079	100% Rudy Wahl
309242	SYINE	42D15E352	Single Cell Mining Claim	206079	100% Rudy Wahl
309243	SYINE	42D15E371	Single Cell Mining Claim	206079	100% Rudy Wahl
315967	SYINE	42D15E390	Boundary Cell Mining Claim	206079	100% Rudy Wahl
332243	SYINE	42D15E350	Boundary Cell Mining Claim	206079	100% Rudy Wahl
332244	SYINE	42D15E372	Single Cell Mining Claim	206079	100% Rudy Wahl
127475	SYINE	42D15E392	Boundary Cell Mining Claim	303657	100% Wayne Richards
135887	SYINE	42D15E370	Boundary Cell Mining Claim	303657	100% Wayne Richards
139528	SYINE	42D15D052	Single Cell Mining Claim	303657	100% Wayne Richards
144970	SYINE	42D15E390	Boundary Cell Mining Claim	303657	100% Wayne Richards
144971	SYINE	42D15D012	Single Cell Mining Claim	303657	100% Wayne Richards
191502	SYINE	42D15D050	Single Cell Mining Claim	303657	100% Wayne Richards

Tenure #	Township	Cell #	Type	Client ID	Holder
210289	SYINE	42D15D031	Single Cell Mining Claim	303657	100% Wayne Richards
228824	SYINE	42D15E391	Boundary Cell Mining Claim	303657	100% Wayne Richards
230080	SYINE	42D15E347	Boundary Cell Mining Claim	303657	100% Wayne Richards
240191	SYINE	42D15D051	Single Cell Mining Claim	303657	100% Wayne Richards
247681	SYINE	42D15E393	Boundary Cell Mining Claim	303657	100% Wayne Richards
247682	SYINE	42D15D010	Single Cell Mining Claim	303657	100% Wayne Richards
247683	SYINE	42D15D030	Single Cell Mining Claim	303657	100% Wayne Richards
247684	SYINE	42D15D053	Boundary Cell Mining Claim	303657	100% Wayne Richards
294830	SYINE	42D15D011	Single Cell Mining Claim	303657	100% Wayne Richards
303961	SYINE	42D15E307	Boundary Cell Mining Claim	303657	100% Wayne Richards
303962	SYINE	42D15E327	Boundary Cell Mining Claim	303657	100% Wayne Richards
307523	SYINE	42D15D033	Boundary Cell Mining Claim	303657	100% Wayne Richards
307524	SYINE	42D15D032	Single Cell Mining Claim	303657	100% Wayne Richards
318584	SYINE	42D15E353	Boundary Cell Mining Claim	303657	100% Wayne Richards
320731	SYINE	42D15E373	Boundary Cell Mining Claim	303657	100% Wayne Richards
335121	SYINE	42D15D013	Boundary Cell Mining Claim	303657	100% Wayne Richards
106821	SYINE	42D15E331	Boundary Cell Mining Claim	141000, 303657	50% Mark Hamel, 50% Wayne Richards
122023	SYINE	42D15E311	Single Cell Mining Claim	141000, 303657	50% Mark Hamel, 50% Wayne Richards
140333	SYINE	42D15E332	Boundary Cell Mining Claim	141000, 303657	50% Mark Hamel, 50% Wayne Richards
140621	SYINE	42D15E288	Boundary Cell Mining Claim	141000, 303657	50% Mark Hamel, 50% Wayne Richards
196724	SYINE	42D15E349	Single Cell Mining Claim	141000, 303657	50% Mark Hamel, 50% Wayne Richards
204730	SYINE	42D15E308	Boundary Cell Mining Claim	141000, 303657	50% Mark Hamel, 50% Wayne Richards
204731	SYINE	42D15E370	Boundary Cell Mining Claim	141000, 303657	50% Mark Hamel, 50% Wayne Richards
216839	SYINE	42D15E327	Boundary Cell Mining Claim	141000, 303657	50% Mark Hamel, 50% Wayne Richards
216840	SYINE	42D15E348	Single Cell Mining Claim	141000, 303657	50% Mark Hamel, 50% Wayne Richards
233320	SYINE	42D15E290	Single Cell Mining Claim	141000, 303657	50% Mark Hamel, 50% Wayne Richards
233456	SYINE	42D15E350	Boundary Cell Mining Claim	141000, 303657	50% Mark Hamel, 50% Wayne Richards
238532	SYINE	42D15E309	Boundary Cell Mining Claim	141000, 303657	50% Mark Hamel, 50% Wayne Richards
238533	SYINE	42D15E329	Single Cell Mining Claim	141000, 303657	50% Mark Hamel, 50% Wayne Richards
251343	SYINE	42D15E307	Boundary Cell Mining Claim	141000, 303657	50% Mark Hamel, 50% Wayne Richards
252840	SYINE	42D15E330	Boundary Cell Mining Claim	141000, 303657	50% Mark Hamel, 50% Wayne Richards
270724	SYINE	42D15E347	Boundary Cell Mining Claim	141000, 303657	50% Mark Hamel, 50% Wayne Richards
281329	SYINE	42D15E291	Single Cell Mining Claim	141000, 303657	50% Mark Hamel, 50% Wayne Richards
318736	SYINE	42D15E310	Single Cell Mining Claim	141000, 303657	50% Mark Hamel, 50% Wayne Richards
324730	SYINE	42D15E289	Boundary Cell Mining Claim	141000, 303657	50% Mark Hamel, 50% Wayne Richards
332816	SYINE	42D15E328	Single Cell Mining Claim	141000, 303657	50% Mark Hamel, 50% Wayne Richards

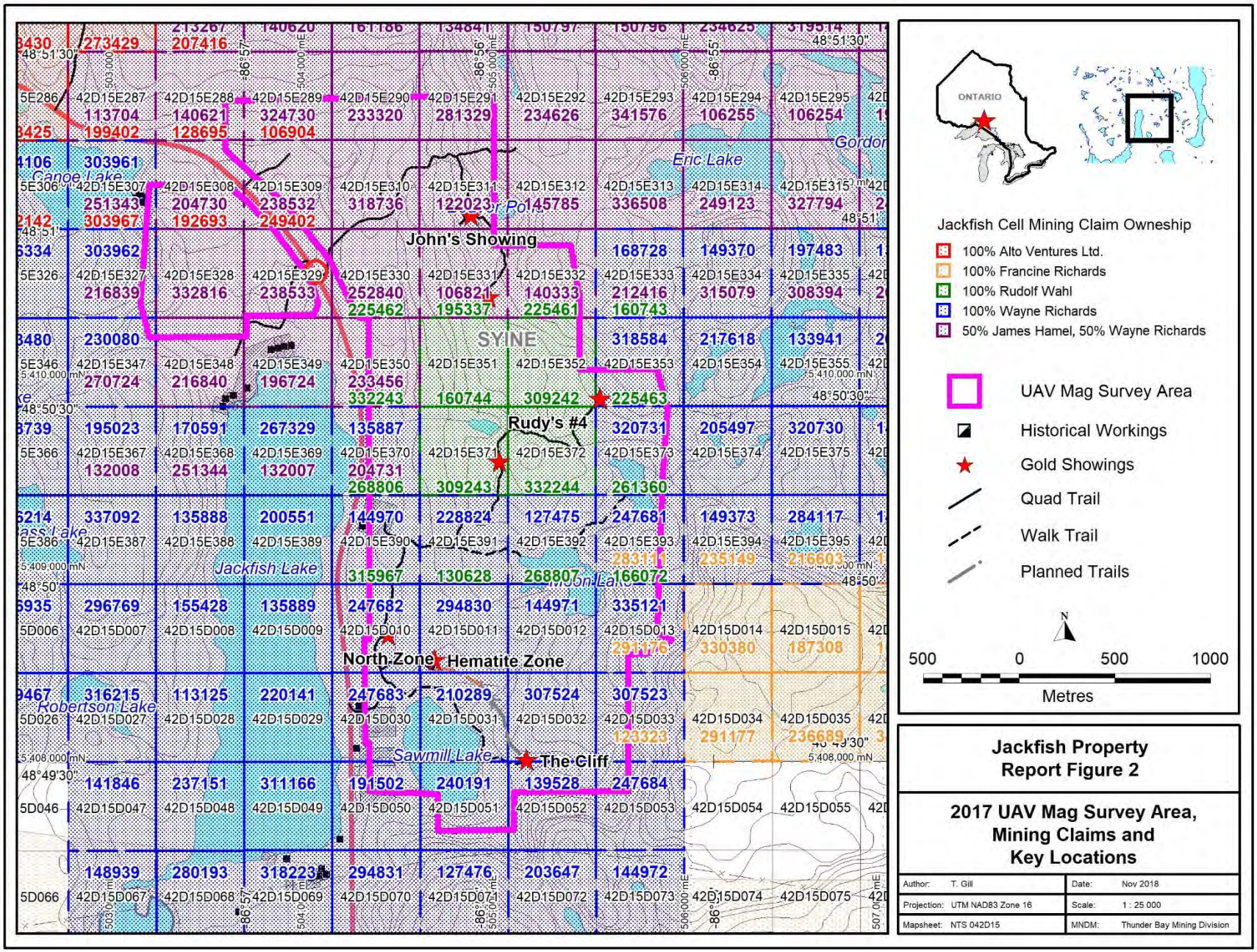
ONTARIO
Jackfish Cell Mining Claim Owneship
100% Alto Ventures Ltd.
100% Francine Richards
100% Rudolf Wahl
100% Wayne Richards
50% James Hamel, 50% Wayne Richards
UAV Mag Survey Area
Historical Workings
Gold Showings
Quad Trail
Walk Trail
Planned Trails
N
500 0 500 1000
Metres
John's Showing
Rudy's #4
North Zone
Hematite Zone
The Cliff
Eric Lake
Canoe Lake
Jackfish Lake
Sawmill Lake
Robertson Lake
Jackfish Property
Report Figure 2
2017 UAV Mag Survey Area, Mining Claims and Key Locations
Author: T. Gill
Date: Nov 2018
Projection: UTM NAD83 Zone 16
Scale: 1 : 25 000
Mapsheet: NTS 042D15
MNDM: Thunder Bay Mining Division

Property History

The exploration activity in the area of the Jackfish property started at the end of the 19th century sparked by the discovery of the Empress Mine in 1895 (Walker, 1967) in metavolcanic rocks of the Schreiber-Hemlo Greenstone Belt just north of the Terrace Bay Batholith. Relevant historical mining and exploration work conducted on the property, mostly sourced from assessment reports filed with the Ministry of Energy, Northern Development and Mines, is summarized in Table 2.

***Table 2**: Historical exploration work in the property area.*

Year	Company	Type of Work	Results	Assessment Report #
1882	Elgin Silver	Underground mining from 2 adits	No production data	42D15SW8353
1932	Siville-Ferrier Syndicate	Stripping, sampling	Up to 10.29 g/t Au over 0.91 m	42D15SW8353
1982	Micham Explorations Inc.	Magnetic and electromagnetic (VLF) surveys	No magnetic anomalies; several weak to moderate conductors	42D14SE1074
1983	Rose Resource Corp.	Magnetic and electromagnetic (VLF) surveys	10 EM conductors and no significant magnetic anomalies	42D15SE0128
1983	Wasabi Resources	Airborne magnetic and EM (VLF) survey	Identified 6 EM conductors	42D15SW0088
1983	Wasabi Resources	Ground proofing of airborne EM conductors	All 6 conductors sulfide iron formation with no Au values	42D15SW0066
1984	John Ferguson	Magnetic and electromagnetic surveys	No significant mag; 2 weak VLF anomalies	42D15SW0121
1984	Goldhurst Resources	Magnetic and electromagnetic surveys	No significant mag; 11 very weak EM conductors	42D15SW0116
1984	Goldhurst Resources	Drilling, 4 drill holes; total 305.1m (1001 feet)	Drill hole 84-04: 2.87 g/t Au over 2.44 m including 6.07g/t Au over 0.91m and 0.96g/t Au over 1.22m	42D15SW0118
1985	Micham Explorations Inc.	Mapping, trenching, sampling (58 rock samples)	Highest assay 13.54 g/t Au in quartz vein at N Siville showing outside of Jackfish claims	42D15SW0114
1985	Micham Explorations Inc.	Soil sampling (1521 samples)	Two anomalous areas: Empress structure W Siville showing; Mocan valley structure	42D15SW0115
1985	Micham Explorations Inc.	Diamond drilling 4 drill holes 482.9m (1584.2 ft)	Highest assays 1166 ppb Au over 1.52m; 1588 ppb Au over 1.83m, 44.23 g/t Au over 0.61 m	42D15SW0117
1986	John Ferguson	Stripping, de-watering, trenching; sampling	Highest assay 13.03 g/t Au; 4,075 g/t Ag	42D15SW0504
1986	John Ferguson	Magnetic and electromagnetic surveys	No significant results	42D15SW0111
1987	John Ferguson	Soil sampling	No significant results	42D15SW0106
1987	Forerunner Resources	Mapping, stripping, trenching, sampling	Highest assay 93.24 g/t Au; 109.03 g/t Ag; 1.2% Cu; 7.85% Pb	42D15SW0505
1987	Micham Explorations Inc.	Diamond drilling 10 drill holes 1674m	No assays recorded	42D15SW0109
1988	Beardmore Resources	Trenching, soil sampling, bedrock sampling	Highest assays: 21.05 g/t Au plus 13.3 g/t Ag and 11.45 g/t Au plus 0.2 g/t Ag	42D15SW8353
1989	J.R. Hamel	Sampling	Highest assay 93.26 g/t Au, 82.79 g/t Ag	42D15SW0110
1991	J.R. Hamel	Stripping and sampling	Highest assay 21.05 g/t Au and 26.06g/t Ag	42D15SW0102
1992	Beavercreek Exploration (J.R. Hamel)	Drilling 2 drill holes 28.04 m (92 ft)	Highest assay 12.21 g/t Au over 1.52 m	42D15SW0002
1994	Beavercreek Exploration (J.R. Hamel)	Drilling 5 drill holes 45.1 m (148 ft)	Best result: 0.51 g/t Au over 3.05 m	42D15SW0001
1995	George Daniels et al.	Stripping, trenching, sampling, line cutting, VLF survey	16.39 g/t Au on claim #1207882 Santoy Lake; 15.77 g/t Au Syine Twp. Historic claim #1224852	42D15NW0009
1996	Big Lake Geological Consulting on behalf of J. Ferguson	Mapping, sampling	Highest assays from trench 14.3 g/t Au and 16.39 g/t Au	42D15NW0038

Year	Company	Type of Work	Results	Assessment Report #
1996	George Daniels	Prospecting, stripping, trenching	Highest assays from trench 21.94 g/t Au	42D15NW0028
1996	Rudolph Wahl et al.,	Rock sampling (100 samples); soil sampling	No significant results	42D15SW0008
1997	Landis Mining Corp.	Evaluation of previous exploration activity in the area	20 lb composite grab sample: 22.97 g/t Au over 3.05 m from Empress structure	42D15SW2002
1998	George Daniels	Sampling	Highest assays from Jon's showing 1.45 g/t Au	42D15SW2003
1999	Cameco Gold Inc.	Line cutting; mag., IP; trenching; re-logging & re-sampling	DDH 441087-9: 8.07 g/t Au; 93.8 g/t Ag over 0.52 m; DDH 44184-7: 7.09 g/t Au; 19.8 g/t Ag over 1.4 m	42D15SW2010
2000	George Daniels	Trench cleaning, minor blasting	No results	42D15SW2013
2004	Brian Fowler	Line cutting; mag; prospecting, sampling (21)	Highest assay 324 ppb Au	42D15SW2024
2005	Phoenix Matachewan Mines	Prospecting sampling (19 rock samples)	Highest assay 262 ppb Au	20000001155
2007	Wayne Richards	Prospecting, mapping, stripping, sampling (4 samples)	No Au assays; two samples >100 g/t Ag	20000003831
2007	Alto Ventures Ltd.	Mapping, prospecting and sampling (47 rock samples)	Highest assay 2,278 ppb Au	20000002005
2008	Alto Ventures Ltd.	Drilling 2 drill holes 332 m on Empress structure	0.66 g/t Au over 2.3 m	20000003772
2009	Rudolph Wahl	Prospecting, mapping, sampling (22 samples)	No significant results	I20000004525
2010	Galahad Metals	Soil sampling (619 samples), mapping trenching, sampling (89 samples)	26.8 g/t Au and 119 g/t Ag; 24.7 g/t Au and 40.4 g/t Ag at creek showing	20000005783
2010	Bond et al.	Prospecting, mapping, rock samples (63 samples) and lake sediment samples (7 samples)	309 and 459 ppb Au	20000006073
2010	Bond et al.	Drilling 2 holes 240 m	No significant results	20000006073
2012	Rudolph Wahl	Prospecting, mapping, sampling (30 samples)	1.9 g/t Au sample # 997103	20000007183
2012	Hamel et al.	Prospecting , mapping, sampling (11 samples), diamond drilling	No significant results	20000007081, 2.53866
2014	Alto Ventures Ltd.	Bedrock sampling (21 samples)	No significant results	20000008044

Regional Geological Setting

The property is located in the Wawa subprovince of the Superior Province of the Canadian Shield specifically the metavolcano-sedimentary Schreiber-Hemlo greenstone belt (Figure 3).

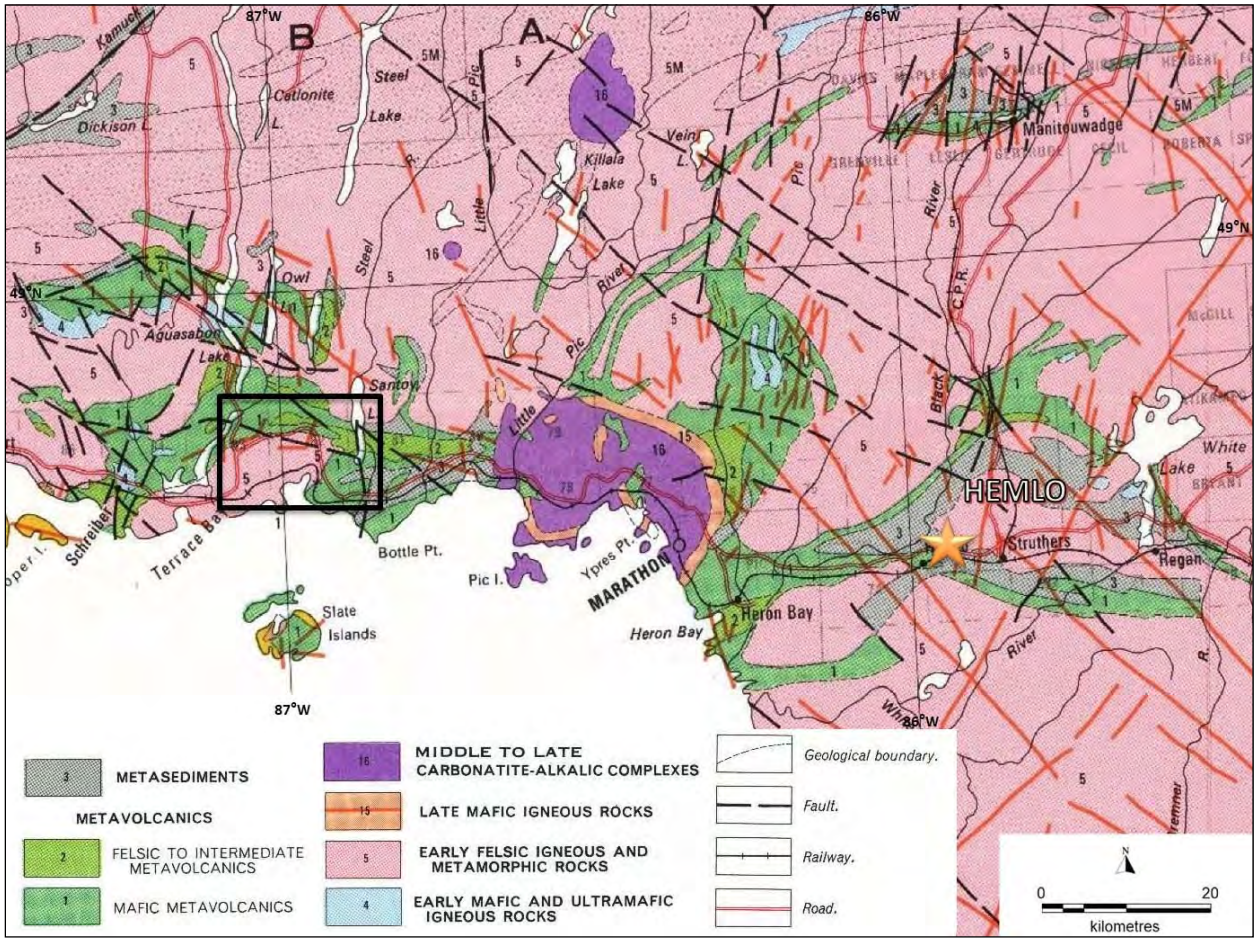

***Figure 3**: Regional Geological Setting Map (after Ayres et al, 1970).*

Property Geology and Mineralization

The Jackfish property straddles the eastern margin of the Terrace Bay Batholith where the granodiorite rocks of the intrusive come into contact with the greenstone belt sequence of the Scheiber Hemlo belt in a combination of an intrusive and structural setting. The various rock types that have been observed or interpreted to underlie the area are depicted on the property geology map in Figure 4.

Gold, silver and base metal mineralization is known to occur and has been mined historically from quartz-carbonate veins in three different settings across the region; as lenses or stringers within shear zones of the greenstone belt, as networks parallel to the contact between the batholith and supracrustal rocks and as fracture fill within the batholith. These styles of orogenic gold deposits are the key targets of focus for

exploration activities on the Jackfish property. The more prominent historical workings and currently active mineralized showings are shown on Figure 4.

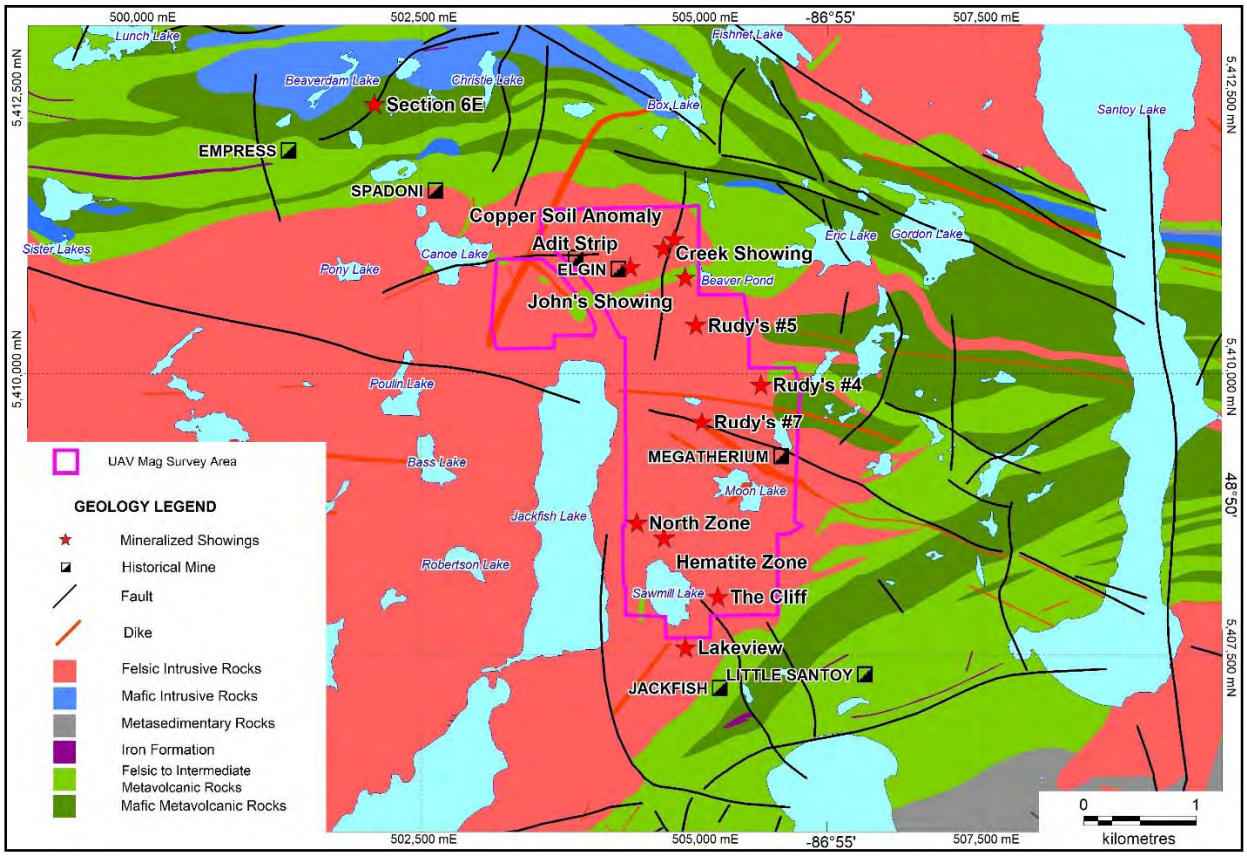

***Figure 4**: Property Geology Map (after Walker, 1967).*

Exploration Work

An unmanned aerial vehicle (UAV) based airborne magnetic geophysical surveys was undertaken over 65 cell mining claims of the Jackfish property. The purpose of the work was to delineate structures possibly hosting gold and base metal mineralization within or at the contact with the Terrace Bay Batholith. This method was chosen because of the UAV's ability to fly at lower altitude and speed compared to manned aircraft, thus collecting higher resolution data at an excellent signal to noise ratio for a lower cost per line kilometre rate.

The data acquisition was carried out on the property from 12 to 21 October, 2017 by Stratus Aeronautics Inc. utilizing a third generation prototype multi-rotor UAV platform with a fixed boom mounted Geomatics Cesium G-822A magnetometer (detailed specifications provided in Table 3). Readings of magnetic intensity were collected along pre-programmed flight lines 50 metres apart at a rate of 10 hertz. Heading and altitude were controlled by the UAV's avionics system as well as differential GPS and radar altimeter.

A base station was maintained daily throughout the survey located near Sawmill Lake recording local diurnal fluctuations of the magnetic field for correction purposes.

***Table 3**: Geomatics Cesium G-822A magnetometer Specifications.*

OPERATING PRINCIPLE:	Self-oscillating split-beam Cesium Vapor (non-radioactive)
OPERATING RANGE:	20,000 to 100,000 nT
OPERATING ZONES:	The earth's field vector should be at an angle greater than 6° from the sensor's equator and greater than 6° away from the sensor's long axis. Automatic hemisphere switching.
SENSITIVITY	<0.004 nT/√Hz rms. Typically 0.02 nT P-P at a 0.1 second sample rate (90% of all readings falling within the P-P envelope) using CM-201 Mini-Counter
HEADING ERROR:	<0.15 nT over entire 360° polar and equatorial spin. Not specified on 823B
ABSOLUTE ACCURACY:	Better than 3 nT throughout range
OUTPUT:	Cycle of Larmor frequency = 3.498572 Hz/nT, RS-232 data at 9600 baud, concatenated data streams from up to 6 sensors
MECHANICAL:	
SENSOR:	2.375" (60.32 mm) dia., 6.25" (158.75 mm) long, 12 oz (339g) without cable, 24 oz (680 g) with cable
SENSOR ELECTRONICS:	2.5" (63.5 mm) dia., 11" (279.4 mm) long, 29oz 822g)
CABLES:	
Sensor to sensor driver / counter:	109" (2.77 m) standard. Cable length can be increased by 43" (1.10 m) for a total length of 152" (3.87m).
Sensor driver to external counter:	33' (10m) standard. Cable length can be increased up to 164' (50 m)
Sensor driver / counter to Power/data junction	25' (7.6m) standard. Cable length can be increased up to 200' (61 m)
OPERATING TEMPERATURE:	-30°F to +122°F (-35°C to +50°C)
STORAGE TEMPERATURE:	-48°F to +158°F (-45°C to +70°C)
ALTITUDE:	Up to 30,000 ft (9,000 m)
WATER TIGHT:	Sealed for up to 2 ft (0.9 m) water depth
POWER:	24 to 32 VDC, 0.75 amp at turn-on and 0.5 amp thereafter
ACCESSORIES:	
Standard:	Power/RS-232 multi-conductor cable (electronics to power/data junction box with 9 pin RS-232 connector and power lugs), lengths to be specified, spare O rings, operation manual and carrying case
Optional:	Birds, Stingers, Wingtips, Avionics, GPS receivers

A total of 125.4 line kilometres were flown, including six tie lines to help with levelling. The raw data was subsequently processed for diurnal variations locally in the magnetic field, flight height changes and heading corrections and levelled across the different days of data collection. The data is provided in Appendix 1. An image of total magnetic intensity and the survey flight lines in relation to the property cell mining claims are shown on Figure 5.

The corrected UAV magnetic data was subsequently used to generate a 3D inversion model of magnetic susceptibility by Campbell & Walker Geophysics Ltd. Inversion modelling was undertaken to provide an overall three dimensional representation of the variations in magnetism in the subsurface that may be interpreted to reflect changes in geology due to lithological contacts, structural breaks or alteration and mineralization.

Some further processing of the total field magnetic data was carried out prior to inversion. This processing involved upward continuation, band pass filtering and down sampling by using Fast Fourier Transform methods on the gridded magnetic data with Geosoft's Oasis Montaj software. Upward continuation a distance of 25 metres attempts to minimize line effects due in part to irregular flight heights during the survey. The band pass filter applied had cut offs of 75 and 1400 metres and removes long spatial wavelength regional trends as well as supressing smaller wavelength anomalies that could not be modelled well by the inversion mesh. The data was down sampled to one reading per 25 m along the survey line.

The resultant data was inverted using Geosoft's VOXI Magnetic Vector Inversion software. The model mesh consisted of 25 x 25 x 12.5 metre voxels. Multiple inversions were carried out in order to find a model that fit the observed data within the allocated noise threshold while not adding unnecessary features to the model. The final model is the amplitude of the magnetization vector normalized to the induced field strength measurable in units equivalent to SI magnetic susceptibility.

The model data was received on March 19, 2018. An image of the model viewed with a partial cutaway and overlain with a vertically offset map of key features of the Jackfish property is provided in Figure 6.

Interpretations

Imagery of the UAV magnetic data provided much more detail of the complexity of the boundary between the Terrace Bay Batholith and the supracrustal rock sequence of the greenstone belt. At least two of the more significant gold showings, Rudy's #5 and #7, are now confirmed to occur right at southeast – northwest trending margins of the batholith. Others like the Cliff, Hematite and North Zones are located well inside the intrusion, although there may be a northeast trending roof pendant or structurally emplaced fragment of greenstone rocks separating the Hematite and North Zones. These findings are significant as they help to plan further field programs to trace the gold showing trends under cover.

Unrelated to mineralization, but potentially impacted the extent of some mineralized trends, the west-northwest linear remnantly magnetized features that cut the magnetic image into sections, are now confidently interpreted to be Keewenawen related dykes possibly occupying normal faults realted to the mid continental rift. The 3D inversion model suggests a fairly steep southerly dip to these dykes, although a throw to the faults (if any) cannot be determined from the model. Assuming there has been some post

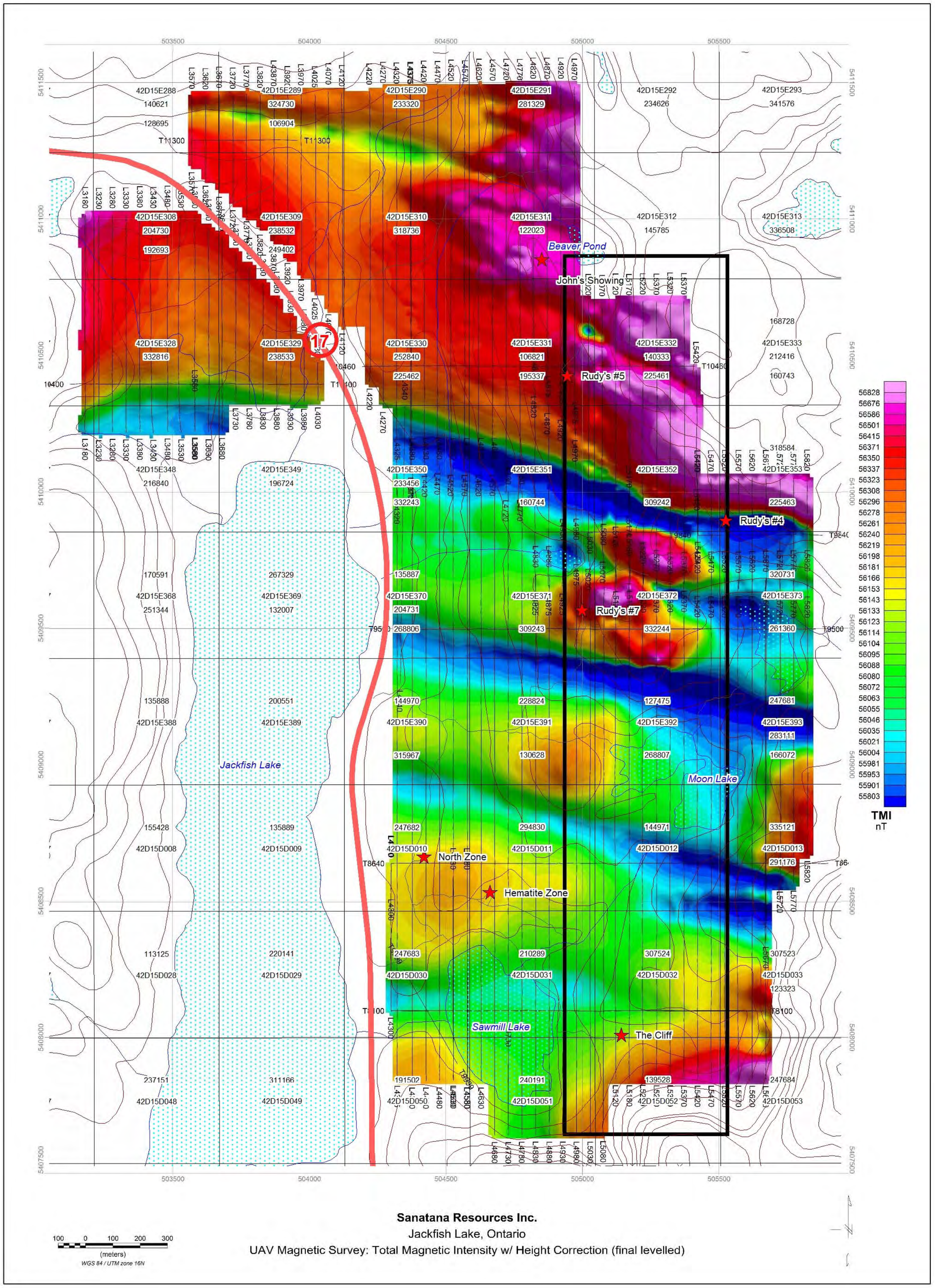

Figure 5: *UAV Magnetic Survey Image of Total Magnetic Intensity.*

mineralization movement will mean caution must be taken as to where mineralized trends may go to as these structures are approached when planning follow up work programs on the ground.

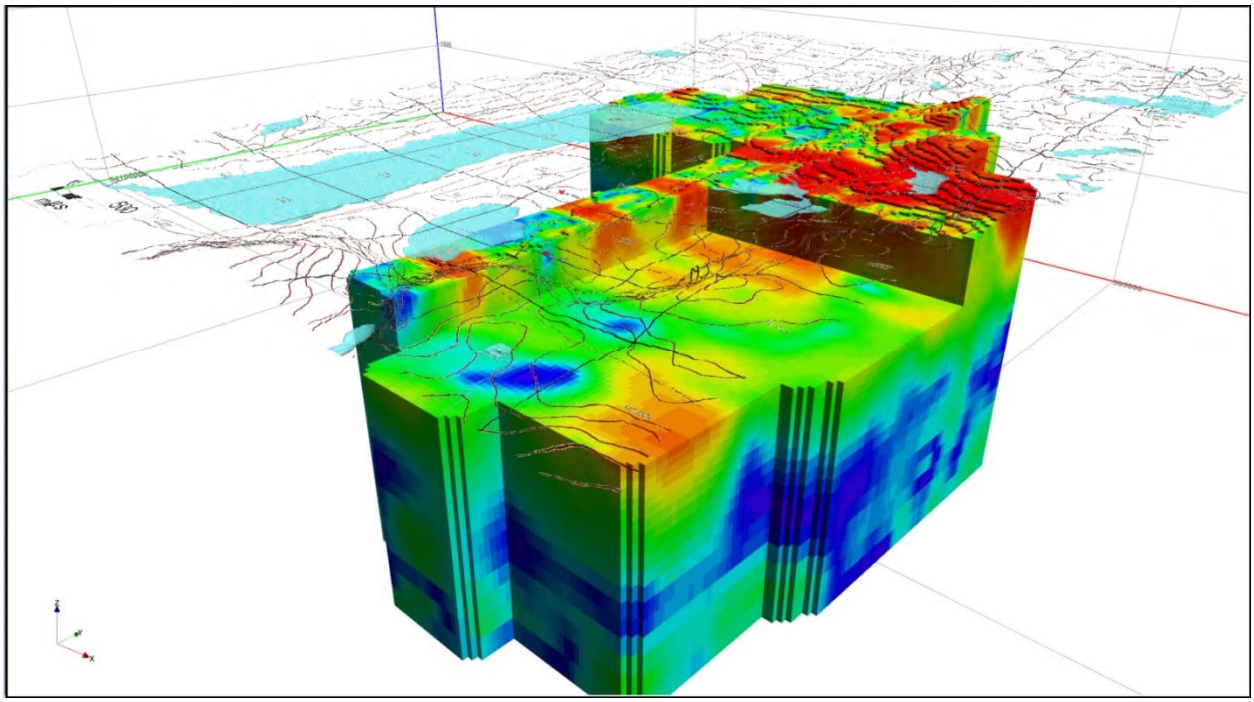

Figure 6: *UAV Magnetic Survey Image of Inversion Voxel Model.*

Conclusions and Recommendations

The UAV magnetic survey proved to be a time and cost efficient method of geophysical data collection over a small area and at a close line spacing, especially compared to a ground magnetic survey that would have required a significant amount of line cutting and survey hours to achieve the same coverage in the rough terrain. It was unlikely that a helicopter based system would even mobilize to the field to carry out such a small survey and the flight height would have been greater for pilot and vehicle safety in such an area of variable topographic relief.

The resultant survey data and 3D inversion model were considered very good quality for the type of survey and will be invaluable in planning future field work programs. Based on the interpreted trends at Rudy's #5 and #7 it is recommended to follow up these showings with surface mapping if possible or some test stripping in places that seem amenable to exposing bedrock by stepping out in either direction to the northwest and southeast no more than 50 metres at a time as the resolution of the magnetic data dictates. Other showings like the Cliff, Hematite and North Zones will require some other predictive exploration method to pin down the trends, perhaps an electromagnetic geophysical method or simply expanding the outcrop stripping or test stripping in close proximity as much as is allowed by permitting. This work could be achieved within the next summer field season for a budget of C$50,000.

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Statement of Qualifications

Troy Gill
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Telephone: 604-762-0380
Email: troy@sanatanaresources.com

I, Troy Gill, do hereby certify that:

1. I am employed as Exploration Manager for Sanatana Resources Inc.

2. I am responsible for the Report titled "Assessment Report on Airborne Magnetic Geophysical Surveying and Inversion Modelling on the Jackfish Property, Syine Township, Thunder Bay Mining Division, District of Thunder Bay, Ontario, NTS 42D15" dated December 6, 2018, and prepared for Sanatana Resources Inc.

3. I hold the following academic qualifications: B.Sc. Geology (1993), University of Wollongong, NSW, Australia.

4. I am a member in good standing of the Australian Institute of Geoscientists (MAIG).

5. I have worked on a range of commodities including Au, Cu, Ni, diamonds, coal and iron ore in various geological settings in Australia and Canada since 1993.

6. This Report is compiled from data collected by or on behalf of Sanatana Resources Inc. in 2017 and 2018. I supervised the data acquisition associated with this Report and I was involved in the data interpretation presented in this Report.

Dated this 6th Day of December, 2018.

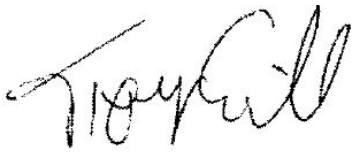

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Troy Gill, B.Sc., MAIG.

Exploration Manager, Sanatana Resources Inc.

Cost Statement and Expenditure Distribution

The main costs involved for acquiring the magnetic data were of course the UAV survey itself and the inversion modeling. These two items were paid on invoices (Appendix 2) as a total charge for performing the work. Support of the field survey was provided by Sanatana and involved due diligence supervision of data acquisition including travel and accommodation as well as two days field assistance (Appendix 2) helping maintain the UAV system. All the costs are summarized in Table 4.

***Table 4**: UAV Magnetic Survey and Inversion Modeling Summary Costs.*

Item	Description	Cost
Stratus Aeronautics Inc.	All-inclusive price for UAV magnetic Survey acquisition and data processing.	$40,000.00
Campbell & Walker Geophysics Ltd.	2 days consultation fee @ $1,100 per day generating the inversion model.	$2,200.00
Troy Gill	Company field supervision of UAV magnetic survey 7 days @ $500 per day.	$3,500.00
Wayne Richards	Field assistance to the UAV survey crew maintaining the field program 2 days @ $350 per day.	$700.00
Westjet Airlines	Air travel to and from the property for Troy Gill	$1,212.24
Jackfish Cottages	1 week accommodation for Troy Gill during the survey.	$594.65
Field Transport	2 days of ATV and 6 wheeler rental assisting the UAV survey.	$290.00
Total		**$48,496.89**

Because the survey and modeling and support were charged as a total cost, the expenditure has been distributed across all the 43 cells covered by the survey as a unit price of 1/43 of the total cost where a single cell mining claim (21 total) receives one whole unit and a boundary cell mining claim (44 total) receives one half of a unit. The distribution of expenditure across the cell mining claims covered by the survey is shown in Table 5.

***Table 5**: Distribution of Survey and Modeling Expenditures across Cell Mining Claims.*

Tenure #	Township	Cell #	Type	Client ID	Holder	Airborne Magnetics	Data Modelling	Supervision	Travel	Accommodation	Transport	Total
106904	SYINE	42D15E289	BCMC	302737	100% Alto Ventures Ltd.	$465.12	$25.58	$48.84	$14.10	$6.91	$3.37	$563.92
128695	SYINE	42D15E288	BCMC	302737	100% Alto Ventures Ltd.	$465.12	$25.58	$48.84	$14.10	$6.91	$3.37	$563.92
192693	SYINE	42D15E308	BCMC	302737	100% Alto Ventures Ltd.	$465.12	$25.58	$48.84	$14.10	$6.91	$3.37	$563.92
249402	SYINE	42D15E309	BCMC	302737	100% Alto Ventures Ltd.	$465.12	$25.58	$48.84	$14.10	$6.91	$3.37	$563.92
303967	SYINE	42D15E307	BCMC	302737	100% Alto Ventures Ltd.	$465.12	$25.58	$48.84	$14.10	$6.91	$3.37	$563.92
			Totals	**302737**	**100% Alto Ventures Ltd.**	**$2,325.60**	**$127.90**	**$244.20**	**$70.50**	**$34.55**	**$16.85**	**$2,819.60**

Tenure #	Township	Cell #	Type	Client ID	Holder	Airborne Magnetics	Data Modelling	Supervision	Travel	Accommodation	Transport	Total
123323	SYINE	42D15D033	BCMC	412540	100% Francine Richards	$465.12	$25.58	$48.84	$14.10	$6.91	$3.37	$563.92
283111	SYINE	42D15E393	BCMC	412540	100% Francine Richards	$465.12	$25.58	$48.84	$14.10	$6.91	$3.37	$563.92
291176	SYINE	42D15D013	BCMC	412540	100% Francine Richards	$465.12	$25.58	$48.84	$14.10	$6.91	$3.37	$563.92
			Total	**412540**	**100% Francine Richards**	**$1,395.36**	**$76.74**	**$146.52**	**$42.30**	**$20.73**	**$10.11**	**$1,691.76**

Tenure #	Township	Cell #	Type	Client ID	Holder	Airborne Magnetics	Data Modelling	Supervision	Travel	Accommodation	Transport	Total
130628	SYINE	42D15E391	BCMC	206079	100% Rudy Wahl	$465.12	$25.58	$48.84	$14.10	$6.91	$3.37	$563.92
160744	SYINE	42D15E351	SCMC	206079	100% Rudy Wahl	$930.23	$51.16	$97.67	$28.19	$13.83	$6.74	$1,127.83
166072	SYINE	42D15E393	BCMC	206079	100% Rudy Wahl	$465.12	$25.58	$48.84	$14.10	$6.91	$3.37	$563.92
195337	SYINE	42D15E331	BCMC	206079	100% Rudy Wahl	$465.12	$25.58	$48.84	$14.10	$6.91	$3.37	$563.92
225461	SYINE	42D15E332	BCMC	206079	100% Rudy Wahl	$465.12	$25.58	$48.84	$14.10	$6.91	$3.37	$563.92
225462	SYINE	42D15E330	BCMC	206079	100% Rudy Wahl	$465.12	$25.58	$48.84	$14.10	$6.91	$3.37	$563.92
225463	SYINE	42D15E353	BCMC	206079	100% Rudy Wahl	$465.12	$25.58	$48.84	$14.10	$6.91	$3.37	$563.92
261360	SYINE	42D15E373	BCMC	206079	100% Rudy Wahl	$465.12	$25.58	$48.84	$14.10	$6.91	$3.37	$563.92
268806	SYINE	42D15E370	BCMC	206079	100% Rudy Wahl	$465.12	$25.58	$48.84	$14.10	$6.91	$3.37	$563.92
268807	SYINE	42D15E392	BCMC	206079	100% Rudy Wahl	$465.12	$25.58	$48.84	$14.10	$6.91	$3.37	$563.92
309242	SYINE	42D15E352	SCMC	206079	100% Rudy Wahl	$930.23	$51.16	$97.67	$28.19	$13.83	$6.74	$1,127.83
309243	SYINE	42D15E371	SCMC	206079	100% Rudy Wahl	$930.23	$51.16	$97.67	$28.19	$13.83	$6.74	$1,127.83
315967	SYINE	42D15E390	BCMC	206079	100% Rudy Wahl	$465.12	$25.58	$48.84	$14.10	$6.91	$3.37	$563.92
332243	SYINE	42D15E350	BCMC	206079	100% Rudy Wahl	$465.12	$25.58	$48.84	$14.10	$6.91	$3.37	$563.92
332244	SYINE	42D15E372	SCMC	206079	100% Rudy Wahl	$930.23	$51.16	$97.67	$28.19	$13.83	$6.74	$1,127.83
			Total	**206079**	**100% Rudy Wahl**	**$8,837.24**	**$486.02**	**$927.92**	**$267.86**	**$131.33**	**$64.03**	**$10,714.44**

Tenure #	Township	Cell #	Type	Client ID	Holder	Airborne Magnetics	Data Modelling	Supervision	Travel	Accommodation	Transport	Total
127475	SYINE	42D15E392	BCMC	303657	100% Wayne Richards	$465.12	$25.58	$48.84	$14.10	$6.91	$3.37	$563.92
135887	SYINE	42D15E370	BCMC	303657	100% Wayne Richards	$465.12	$25.58	$48.84	$14.10	$6.91	$3.37	$563.92
139528	SYINE	42D15D052	SCMC	303657	100% Wayne Richards	$930.23	$51.16	$97.67	$28.19	$13.83	$6.74	$1,127.83
144970	SYINE	42D15E390	BCMC	303657	100% Wayne Richards	$465.12	$25.58	$48.84	$14.10	$6.91	$3.37	$563.92
144971	SYINE	42D15D012	SCMC	303657	100% Wayne Richards	$930.23	$51.16	$97.67	$28.19	$13.83	$6.74	$1,127.83
191502	SYINE	42D15D050	SCMC	303657	100% Wayne Richards	$930.23	$51.16	$97.67	$28.19	$13.83	$6.74	$1,127.83
210289	SYINE	42D15D031	SCMC	303657	100% Wayne Richards	$930.23	$51.16	$97.67	$28.19	$13.83	$6.74	$1,127.83
228824	SYINE	42D15E391	BCMC	303657	100% Wayne Richards	$465.12	$25.58	$48.84	$14.10	$6.91	$3.37	$563.92
230080	SYINE	42D15E347	BCMC	303657	100% Wayne Richards	$465.12	$25.58	$48.84	$14.10	$6.91	$3.37	$563.92
240191	SYINE	42D15D051	SCMC	303657	100% Wayne Richards	$930.23	$51.16	$97.67	$28.19	$13.83	$6.74	$1,127.83
247681	SYINE	42D15E393	BCMC	303657	100% Wayne Richards	$465.12	$25.58	$48.84	$14.10	$6.91	$3.37	$563.92
247682	SYINE	42D15D010	SCMC	303657	100% Wayne Richards	$930.23	$51.16	$97.67	$28.19	$13.83	$6.74	$1,127.83
247683	SYINE	42D15D030	SCMC	303657	100% Wayne Richards	$930.23	$51.16	$97.67	$28.19	$13.83	$6.74	$1,127.83
247684	SYINE	42D15D053	BCMC	303657	100% Wayne Richards	$465.12	$25.58	$48.84	$14.10	$6.91	$3.37	$563.92
294830	SYINE	42D15D011	SCMC	303657	100% Wayne Richards	$930.23	$51.16	$97.67	$28.19	$13.83	$6.74	$1,127.83
303961	SYINE	42D15E307	BCMC	303657	100% Wayne Richards	$465.12	$25.58	$48.84	$14.10	$6.91	$3.37	$563.92
303962	SYINE	42D15E327	BCMC	303657	100% Wayne Richards	$465.12	$25.58	$48.84	$14.10	$6.91	$3.37	$563.92
307523	SYINE	42D15D033	BCMC	303657	100% Wayne Richards	$465.12	$25.58	$48.84	$14.10	$6.91	$3.37	$563.92
307524	SYINE	42D15D032	SCMC	303657	100% Wayne Richards	$930.23	$51.16	$97.67	$28.19	$13.83	$6.74	$1,127.83
318584	SYINE	42D15E353	BCMC	303657	100% Wayne Richards	$465.12	$25.58	$48.84	$14.10	$6.91	$3.37	$563.92
320731	SYINE	42D15E373	BCMC	303657	100% Wayne Richards	$465.12	$25.58	$48.84	$14.10	$6.91	$3.37	$563.92
335121	SYINE	42D15D013	BCMC	303657	100% Wayne Richards	$465.12	$25.58	$48.84	$14.10	$6.91	$3.37	$563.92
			Total	**303657**	**100% Wayne Richards**	**$14,418.63**	**$792.98**	**$1,513.95**	**$437.01**	**$214.30**	**$104.47**	**$17,481.43**

Tenure #	Township	Cell #	Type	Client ID	Holder	Airborne Magnetics	Data Modelling	Supervision	Travel	Accommodation	Transport	Total
106821	SYINE	42D15E331	BCMC	141000, 303657	50% Mark Hamel, 50% Wayne Richards	$465.12	$25.58	$48.84	$14.10	$6.91	$3.37	$563.92
122023	SYINE	42D15E311	SCMC	141000, 303657	50% Mark Hamel, 50% Wayne Richards	$930.23	$51.16	$97.67	$28.19	$13.83	$6.74	$1,127.83
140333	SYINE	42D15E332	BCMC	141000, 303657	50% Mark Hamel, 50% Wayne Richards	$465.12	$25.58	$48.84	$14.10	$6.91	$3.37	$563.92
140621	SYINE	42D15E288	BCMC	141000, 303657	50% Mark Hamel, 50% Wayne Richards	$465.12	$25.58	$48.84	$14.10	$6.91	$3.37	$563.92
196724	SYINE	42D15E349	SCMC	141000, 303657	50% Mark Hamel, 50% Wayne Richards	$930.23	$51.16	$97.67	$28.19	$13.83	$6.74	$1,127.83
204730	SYINE	42D15E308	BCMC	141000, 303657	50% Mark Hamel, 50% Wayne Richards	$465.12	$25.58	$48.84	$14.10	$6.91	$3.37	$563.92
204731	SYINE	42D15E370	BCMC	141000, 303657	50% Mark Hamel, 50% Wayne Richards	$465.12	$25.58	$48.84	$14.10	$6.91	$3.37	$563.92
216839	SYINE	42D15E327	BCMC	141000, 303657	50% Mark Hamel, 50% Wayne Richards	$465.12	$25.58	$48.84	$14.10	$6.91	$3.37	$563.92
216840	SYINE	42D15E348	SCMC	141000, 303657	50% Mark Hamel, 50% Wayne Richards	$930.23	$51.16	$97.67	$28.19	$13.83	$6.74	$1,127.83
233320	SYINE	42D15E290	SCMC	141000, 303657	50% Mark Hamel, 50% Wayne Richards	$930.23	$51.16	$97.67	$28.19	$13.83	$6.74	$1,127.83
233456	SYINE	42D15E350	BCMC	141000, 303657	50% Mark Hamel, 50% Wayne Richards	$465.12	$25.58	$48.84	$14.10	$6.91	$3.37	$563.92
238532	SYINE	42D15E309	BCMC	141000, 303657	50% Mark Hamel, 50% Wayne Richards	$465.12	$25.58	$48.84	$14.10	$6.91	$3.37	$563.92
238533	SYINE	42D15E329	SCMC	141000, 303657	50% Mark Hamel, 50% Wayne Richards	$930.23	$51.16	$97.67	$28.19	$13.83	$6.74	$1,127.83
251343	SYINE	42D15E307	BCMC	141000, 303657	50% Mark Hamel, 50% Wayne Richards	$465.12	$25.58	$48.84	$14.10	$6.91	$3.37	$563.92
252840	SYINE	42D15E330	BCMC	141000, 303657	50% Mark Hamel, 50% Wayne Richards	$465.12	$25.58	$48.84	$14.10	$6.91	$3.37	$563.92
270724	SYINE	42D15E347	BCMC	141000, 303657	50% Mark Hamel, 50% Wayne Richards	$465.12	$25.58	$48.84	$14.10	$6.91	$3.37	$563.92
281329	SYINE	42D15E291	SCMC	141000, 303657	50% Mark Hamel, 50% Wayne Richards	$930.23	$51.16	$97.67	$28.19	$13.83	$6.74	$1,127.83
318736	SYINE	42D15E310	SCMC	141000, 303657	50% Mark Hamel, 50% Wayne Richards	$930.23	$51.16	$97.67	$28.19	$13.83	$6.74	$1,127.83
324730	SYINE	42D15E289	BCMC	141000, 303657	50% Mark Hamel, 50% Wayne Richards	$465.12	$25.58	$48.84	$14.10	$6.91	$3.37	$563.92
332816	SYINE	42D15E328	SCMC	141000, 303657	50% Mark Hamel, 50% Wayne Richards	$930.23	$51.16	$97.67	$28.19	$13.83	$6.74	$1,127.83
			Total	**141000, 303657**	**50% Mark Hamel, 50% Wayne Richards**	**$13,023.28**	**$716.24**	**$1,367.44**	**$394.72**	**$193.56**	**$94.36**	**$15,789.68**

Appendix 1: UAV Magnetic Survey Data

UAV Aeromagnetic Levelling and Gridding

Jackfish Project,

Sanatana Resources Inc.

Database Fields:

EASTING	NUTM16, WGS84 (trimmed)
NORTHING	NUTM16, WGS84 (trimmed)
TIME	seconds past midnight, UTC
HEIGHT	GPS height, ellipsoid
LASERALT	laser altimetry
LAT	Geodetic, WGS84
LONG	Geodetic, WGS84
MAG	rawmag
BASEMAG	basemag
DC	diurnal correction (56250 - basemag)
MAGDC	rawmag + dc
magdc_lev	levelled magdc, no height correction
MAGDC_HT	height-corrected magdc
magdc_ht_lev	height-corrected and levelled magdc
EASTING_BAK	NUTM16, WGS84 (original)
NORTHING_BAK	NUTM16, WGS84 (original)

Kit Campbell, P. Geo. 16-Nov-2017

Campbell & Walker Geophysics Ltd.

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L3180	503181.6	5410220.4	38830.10156	304.51	0	48.844947	-86.956636	56013.42	56244.1	5.88	56019.30	56019.57031	56039.47920	56038.20313	503181.6	5410220.4
L3180	503181.6	5410220.4	38830.19922	302.05	0	48.844947	-86.956636	56013.73	56244.1	5.88	56019.61	56019.87891	56035.77024	56034.53125	503181.6	5410220.4
L3180	503181.6	5410220.8	38830.30078	299.80	0	48.844950	-86.956636	56013.90	56244.1	5.88	56019.78	56020.04297	56029.88967	56028.69141	503181.6	5410220.8
L3180	503181.6	5410221.1	38830.39844	299.23	0	48.844953	-86.956636	56014.18	56244.1	5.88	56020.06	56020.32031	56027.54512	56026.38672	503181.6	5410221.1
L3180	503181.6	5410221.5	38830.50000	302.37	0	48.844957	-86.956636	56014.38	56244.1	5.88	56020.26	56020.51563	56024.44775	56023.33203	503181.6	5410221.5
L3180	503181.6	5410221.5	38830.60156	305.39	0	48.844957	-86.956636	56014.56	56244.1	5.88	56020.44	56020.69141	56021.97452	56020.89844	503181.6	5410221.5
L3180	503181.5	5410221.8	38830.69922	308.79	0	48.844959	-86.956637	56014.69	56244.1	5.88	56020.57	56020.81641	56019.32001	56018.28516	503181.5	5410221.8
L3180	503181.5	5410222.2	38830.80078	310.83	0	48.844963	-86.956637	56014.86	56244.1	5.88	56020.74	56020.98047	56018.67686	56017.67969	503181.5	5410222.2
L3180	503181.5	5410222.2	38830.89844	308.57	0	48.844963	-86.956637	56014.96	56244.1	5.88	56020.84	56021.07813	56017.11306	56016.15625	503181.5	5410222.2
L3180	503181.4	5410222.7	38831.00000	308.96	0	48.844968	-86.956638	56015.04	56244.1	5.88	56020.92	56021.15234	56015.74897	56014.83203	503181.4	5410222.7
L3180	503181.4	5410222.7	38831.10156	308.17	0	48.844968	-86.956638	56015.32	56244.1	5.88	56021.20	56021.42969	56020.14102	56019.26563	503181.4	5410222.7
L3180	503181.3	5410223.1	38831.19922	305.26	0	48.844971	-86.956639	56015.75	56244.1	5.89	56021.64	56021.86328	56028.98987	56028.15234	503181.3	5410223.1
L3180	503181.2	5410223.6	38831.30078	308.02	0	48.844975	-86.956641	56016.00	56244.1	5.89	56021.89	56022.10938	56032.99520	56032.19922	503181.2	5410223.6
L3180	503181.2	5410223.9	38831.39844	308.89	0	48.844978	-86.956642	56015.55	56244.1	5.90	56021.44	56021.65625	56019.40381	56018.64453	503181.2	5410223.9
L3180	503181.2	5410223.9	38831.50000	303.58	0	48.844978	-86.956642	56016.08	56244.1	5.90	56021.98	56022.19141	56030.47713	56029.75781	503181.2	5410223.9
L3180	503181.0	5410224.4	38831.60156	297.53	0	48.844983	-86.956643	56015.88	56244.1	5.90	56021.78	56021.98438	56023.29176	56022.61328	503181.0	5410224.4
L3180	503181.0	5410224.8	38831.69922	291.77	0	48.844986	-86.956644	56015.70	56244.1	5.91	56021.61	56021.81250	56017.06873	56016.42969	503181.0	5410224.8
L3180	503181.0	5410224.8	38831.80078	293.26	0	48.844986	-86.956644	56015.78	56244.1	5.91	56021.69	56021.88672	56016.57596	56015.97266	503181.0	5410224.8
L3180	503180.9	5410225.2	38831.89844	305.30	0	48.844990	-86.956646	56015.88	56244.1	5.92	56021.79	56021.98047	56016.32792	56015.76563	503180.9	5410225.2
L3180	503180.8	5410225.8	38832.00000	299.42	0	48.844996	-86.956647	56015.75	56244.1	5.92	56021.67	56021.85938	56011.57158	56011.04688	503180.8	5410225.8
L3180	503180.7	5410226.4	38832.10156	299.46	0	48.845000	-86.956648	56016.38	56244.1	5.92	56022.30	56022.48438	56021.02829	56020.53906	503180.7	5410226.4
L3180	503180.6	5410227.0	38832.19922	301.55	0	48.845006	-86.956649	56016.54	56244.1	5.91	56022.45	56022.62891	56020.83424	56020.38281	503180.6	5410227.0
L3180	503180.6	5410227.0	38832.30078	300.48	0	48.845006	-86.956649	56016.48	56244.1	5.91	56022.39	56022.56250	56016.99565	56016.58203	503180.6	5410227.0
L3180	503180.5	5410227.7	38832.39844	303.95	0	48.845013	-86.956651	56016.89	56244.1	5.91	56022.79	56022.95703	56020.53878	56020.16016	503180.5	5410227.7
L3180	503180.4	5410228.3	38832.50000	304.38	0	48.845018	-86.956652	56016.81	56244.1	5.90	56022.72	56022.88281	56016.57439	56016.23438	503180.4	5410228.3
L3180	503180.4	5410228.3	38832.60156	306.29	0	48.845018	-86.956652	56017.68	56244.1	5.90	56023.58	56023.73828	56025.99258	56025.68750	503180.4	5410228.3
L3180	503180.3	5410229.1	38832.69922	309.49	0	48.845025	-86.956653	56017.60	56244.1	5.90	56023.50	56023.65234	56021.64019	56021.37109	503180.3	5410229.1
L3180	503180.2	5410229.8	38832.80078	303.38	0	48.845031	-86.956654	56017.54	56244.1	5.90	56023.44	56023.58984	56017.60021	56017.36719	503180.2	5410229.8
L3180	503180.2	5410229.8	38832.89844	297.58	0	48.845031	-86.956654	56018.33	56244.1	5.89	56024.22	56024.36328	56024.78231	56024.58203	503180.2	5410229.8
L3180	503180.2	5410230.5	38833.00000	297.40	0	48.845038	-86.956655	56018.53	56244.1	5.89	56024.42	56024.55859	56023.95068	56023.78516	503180.2	5410230.5
L3180	503180.1	5410231.1	38833.10156	297.98	0	48.845043	-86.956656	56018.61	56244.1	5.89	56024.50	56024.63281	56021.38677	56021.25781	503180.1	5410231.1
L3180	503180.0	5410232.0	38833.19922	297.94	0	48.845051	-86.956657	56018.73	56244.1	5.89	56024.62	56024.74609	56019.20787	56019.11328	503180.0	5410232.0
L3180	503180.0	5410232.0	38833.30078	297.08	0	48.845051	-86.956657	56019.32	56244.1	5.89	56025.21	56025.33203	56023.06945	56023.00781	503180.0	5410232.0
L3180	503179.9	5410232.9	38833.39844	300.07	0	48.845059	-86.956658	56019.44	56244.1	5.89	56025.33	56025.44531	56020.55682	56020.52734	503179.9	5410232.9
L3180	503179.9	5410233.6	38833.50000	300.87	0	48.845066	-86.956659	56020.15	56244.1	5.89	56026.04	56026.15234	56025.56836	56025.57031	503179.9	5410233.6
L3180	503179.9	5410233.6	38833.60156	299.86	0	48.845066	-86.956659	56020.05	56244.1	5.89	56025.94	56026.04688	56019.87946	56019.91406	503179.9	5410233.6
L3180	503179.9	5410234.5	38833.69922	300.27	0	48.845074	-86.956660	56020.61	56244.1	5.89	56026.50	56026.59766	56022.49753	56022.56250	503179.9	5410234.5
L3180	503179.8	5410235.4	38833.80078	302.96	0	48.845082	-86.956660	56020.76	56244.1	5.89	56026.65	56026.74219	56019.79364	56019.89063	503179.8	5410235.4
L3180	503179.8	5410235.4	38833.89844	306.37	0	48.845082	-86.956660	56021.74	56244.1	5.89	56027.63	56027.71875	56026.92457	56027.05078	503179.8	5410235.4
L3180	503179.8	5410236.3	38834.00000	306.40	0	48.845090	-86.956660	56022.13	56244.1	5.89	56028.01	56028.08984	56026.53722	56026.69531	503179.8	5410236.3
L3180	503179.8	5410237.2	38834.10156	306.04	0	48.845098	-86.956660	56022.38	56244.1	5.89	56028.27	56028.34375	56024.72688	56024.91406	503179.8	5410237.2
L3180	503179.8	5410238.0	38834.19922	303.33	0	48.845105	-86.956660	56023.16	56244.1	5.89	56029.05	56029.12109	56028.31896	56028.53516	503179.8	5410238.0
L3180	503179.8	5410238.0	38834.30078	303.33	0	48.845105	-86.956660	56023.01	56244.1	5.89	56028.90	56028.96484	56022.49172	56022.73828	503179.8	5410238.0
L3180	503179.8	5410239.1	38834.39844	303.50	0	48.845115	-86.956660	56024.12	56244.1	5.89	56030.01	56030.06641	56028.65734	56028.92969	503179.8	5410239.1
L3180	503179.8	5410239.8	38834.50000	297.00	0	48.845122	-86.956660	56023.97	56244.1	5.89	56029.85	56029.89844	56023.59831	56023.89844	503179.8	5410239.8
L3180	503179.8	5410240.7	38834.60156	296.34	0	48.845129	-86.956660	56025.31	56244.1	5.88	56031.20	56031.24219	56030.59647	56030.92578	503179.8	5410240.7
L3180	503179.8	5410240.7	38834.69922	296.06	0	48.845129	-86.956660	56025.52	56244.1	5.88	56031.40	56031.43750	56024.87010	56025.22656	503179.8	5410240.7
L3180	503179.8	5410241.7	38834.80078	293.23	0	48.845139	-86.956660	56026.20	56244.1	5.88	56032.08	56032.10938	56031.18180	56031.56250	503179.8	5410241.7
L3180	503179.8	5410242.6	38834.89844	294.64	0	48.845146	-86.956660	56027.06	56244.1	5.88	56032.94	56032.96484	56033.00547	56033.41016	503179.8	5410242.6
L3180	503179.8	5410242.6	38835.00000	295.98	0	48.845146	-86.956660	56027.54	56244.1	5.88	56033.42	56033.43750	56031.62290	56032.05469	503179.8	5410242.6
L3180	503179.8	5410243.6	38835.10156	294.41	0	48.845156	-86.956660	56028.34	56244.1	5.88	56034.22	56034.23047	56034.65945	56035.11328	503179.8	5410243.6
L3180	503179.8	5410243.6	38835.19922	295.26	0	48.845156	-86.956660	56028.72	56244.1	5.88	56034.60	56034.60156	56034.60000	56035.07813	503179.8	5410243.6
L3180	503179.8	5410245.3	38835.30078	293.66	0	48.845171	-86.956660	56029.64	56244.1	5.87	56035.51	56035.50391	56035.74220	56036.24219	503179.8	5410245.3
L3180	503179.8	5410245.3	38835.39844	294.33	0	48.845171	-86.956660	56029.89	56244.1	5.87	56035.76	56035.74609	56036.50488	56037.02734	503179.8	5410245.3
L3180	503179.8	5410246.7	38835.50000	294.79	0	48.845183	-86.956660	56030.88	56244.1	5.87	56036.74	56036.71875	56037.53038	56038.07813	503179.8	5410246.7
L3180	503179.8	5410246.7	38835.60156	293.05	0	48.845183	-86.956660	56031.11	56244.1	5.87	56036.97	56036.94141	56038.47401	56039.04297	503179.8	5410246.7
L3180	503179.8	5410247.8	38835.69922	296.13	0	48.845194	-86.956660	56031.68	56244.1	5.87	56037.55	56037.51563	56039.51297	56040.10156	503179.8	5410247.8
L3180	503179.8	5410248.7	38835.80078	298.40	0	48.845201	-86.956660	56032.77	56244.1	5.86	56038.64	56038.59766	56040.36728	56040.97656	503179.8	5410248.7
L3180	503179.8	5410248.7	38835.89844	298.50	0	48.845201	-86.956660	56033.23	56244.1	5.86	56039.09	56039.03906	56041.72822	56042.35547	503179.8	5410248.7
L3180	503179.8	5410249.8	38836.00000	299.35	0	48.845211	-86.956660	56034.70	56244.1	5.86	56040.56	56040.50000	56042.54994	56043.19531	503179.8	5410249.8
L3180	503179.9	5410250.7	38836.10156	297.84	0	48.845219	-86.956659	56034.95	56244.1	5.86	56040.81	56040.74219	56043.13711	56043.80078	503179.9	5410250.7
L3180	503179.9	5410252.0	38836.19922	297.07	0	48.845231	-86.956658	56036.39	56244.1	5.86	56042.25	56042.17188	56044.54602	56045.22656	503179.9	5410252.0
L3180	503179.9	5410252.0	38836.30078	297.19	0	48.845231	-86.956658	56036.97	56244.1	5.86	56042.83	56042.74609	56045.36067	56046.05859	503179.9	5410252.0
L3180	503180.0	5410252.8	38836.39844	295.57	0	48.845238	-86.956658	56038.52	56244.1	5.86	56044.38	56044.28516	56046.80867	56047.52344	503180.0	5410252.8
L3180	503180.0	5410253.7	38836.50000	292.74	0	48.845247	-86.956657	56039.02	56244.1	5.86	56044.88	56044.77734	56047.57520	56048.30469	503180.0	5410253.7
L3180	503180.1	5410254.8	38836.60156	293.82	0	48.845256	-86.956656	56040.23	56244.1	5.86	56046.09	56045.97656	56048.79972	56049.54688	503180.1	5410254.8
L3180	503180.1	5410254.8	38836.69922	295.19	0	48.845256	-86.956656	56040.58	56244.1	5.86	56046.44	56046.32031	56049.50607	56050.26563	503180.1	5410254.8
L3180	503180.2	5410256.0	38836.80078	292.75	0	48.845267	-86.956655	56042.14	56244.1	5.86	56048.00	56047.87109	56050.95995	56051.73438	503180.2	5410256.0
L3180	503180.3	5410257.1	38836.89844	291.64	0	48.845277	-86.956654	56043.45	56244.1	5.86	56049.31	56049.17188	56052.26855	56053.05469	503180.3	5410257.1
L3180	503180.3	5410258.2	38837.00000	290.15	0	48.845287	-86.956653	56044.18	56244.1	5.86	56050.04	56049.89063	56053.25295	56054.05078	503180.3	5410258.2
L3180	503180.3	5410258.2	38837.10156	291.18	0	48.845287	-86.956653	56045.04	56244.1	5.86	56050.90	56050.74219	56054.32309	56055.13281	503180.3	5410258.2
L3180	503180.4	5410259.4	38837.19922	293.47	0	48.845298	-86.956652	56045.82	56244.1	5.86	56051.68	56051.51172	56055.35792	56056.17969	503180.4	5410259.4
L3180	503180.4	5410259.4	38837.30078	293.56	0	48.845298	-86.956652	56047.45	56244.1	5.86	56053.30	56053.12109	56056.83284	56057.66406	503180.4	5410259.4
L3180	503180.5	5410260.7	38837.39844	293.30	0	48.845309	-86.956651	56048.38	56244.1	5.86	56054.24	56054.05078	56057.94585	56058.78906	503180.5	5410260.7
L3180	503180.5	5410261.7	38837.50000	293.86	0	48.845319	-86.956650	56049.46	56244.1	5.85	56055.32	56055.12109	56059.12512	56059.97656	503180.5	5410261.7
L3180	503180.6	5410262.9	38837.60156	293.33	0	48.845329	-86.956650	56050.36	56244.1	5.85	56056.21	56056.00000	56060.19932	56061.05859	503180.6	5410262.9
L3180	503180.6	5410264.3	38837.69922	293.00	0	48.845342	-86.956649	56052.02	56244.1	5.85	56057.88	56057.66016	56061.64622	56062.51172	503180.6	5410264.3
L3180	503180.6	5410264.3	38837.80078	294.41	0	48.845342	-86.956649	56053.18	56244.1	5.85	56059.04	56058.81250	56062.83140	56063.70703	503180.6	5410264.3
L3180	503180.7	5410265.7	38837.89844	294.45	0	48.845355	-86.956647	56054.58	56244.1	5.85	56060.43	56060.19141	56064.12302	56065.00391	503180.7	5410265.7
L3180	503180.7	5410265.7	38838.00000	293.71	0	48.845355	-86.956647	56056.20	56244.2	5.85	56062.04	56061.78906	56065.52159	56066.41016	503180.7	5410265.7
L3180	503180.8	5410266.9	38838.10156	293.66	0	48.845365	-86.956646	56057.21	56244.2	5.85	56063.06	56062.79688	56066.62253	56067.51563	503180.8	5410266.9
L3180	503180.8	5410268.0	38838.19922	292.74	0	48.845375	-86.956646	56058.50	56244.2	5.85	56064.35	56064.07813	56067.85856	56068.75391	503180.8	5410268.0
L3180	503180.9	5410269.3	38838.30078	294.50	0	48.845386	-86.956645	56060.02	56244.2	5.85	56065.86	56065.57422	56069.21225	56070.11328	503180.9	5410269.3
L3180	503180.9	5410269.3	38838.39844	296.01	0	48.845386	-86.956645	56061.71	56244.2	5.85	56067.55	56067.25391	56070.66953	56071.57422	503180.9	5410269.3
L3180	503181.0	5410270.8	38838.50000	296.83	0	48.845400	-86.956644	56063.13	56244.2	5.85	56068.97	56068.66406	56071.99068	56072.89844	503181.0	5410270.8
L3180	503181.0	5410272.1	38838.60156	295.53	0	48.845412	-86.956643	56064.74	56244.2	5.84	56070.59	56070.26953	56073.43033	56074.33984	503181.0	5410272.1
L3180	503181.0	5410272.1	38838.69922	293.46	0	48.845412	-86.956643	56066.46	56244.2	5.84	56072.31	56071.98047	56074.93504	56075.84766	503181.0	5410272.1
L3180	503181.1	5410273.4	38838.80078	294.10	0	48.845424	-86.956642	56067.60	56244.2	5.84	56073.44	56073.09766	56076.10676	56077.01953	503181.1	5410273.4
L3180	503181.1	5410274.6	38838.89844	291.45	0	48.845434	-86.956642	56069.15	56244.2	5.84	56074.99	56074.63672	56077.51785	56078.42969	503181.1	5410274.6
L3180	503181.1	5410274.6	38839.00000	291.82	0	48.845434	-86.956642	56070.39	56244.2	5.84	56076.23	56075.86328	56078.74025	56079.65234	503181.1	5410274.6
L3180	503181.2	5410276.1	38839.10156	293.22	0	48.845448	-86.956641	56072.08	56244.2	5.84	56077.92	56077.54297	56080.22977	56081.14063	503181.2	5410276.1
L3180	503181.3	5410277.5	38839.19922	294.89	0	48.845461	-86.956640	56073.70	56244.2	5.84	56079.55	56079.16016	56081.68078	56082.58984	503181.3	5410277.5
L3180	503181.3	5410277.5	38839.30078	295.58	0	48.845461	-86.956640	56075.39	56244.2	5.85	56081.24	56080.83594	56083.16621	56084.07422	503181.3	5410277.5

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L3180	503181.3	5410278.4	38839.39844	296.92	0	48.845468	-86.956640	56076.89	56244.2	5.85	56082.74	56082.32422	56084.51579	56085.42188	503181.3	5410278.4
L3180	503181.3	5410279.5	38839.50000	297.44	0	48.845479	-86.956639	56078.61	56244.2	5.85	56084.46	56084.03125	56086.00908	56086.91016	503181.3	5410279.5
L3180	503181.3	5410279.5	38839.60156	295.70	0	48.845479	-86.956639	56080.18	56244.1	5.85	56086.03	56085.58984	56087.44485	56088.34375	503181.3	5410279.5
L3180	503181.4	5410281.1	38839.69922	294.41	0	48.845493	-86.956638	56081.64	56244.1	5.85	56087.50	56087.04688	56088.90643	56089.80078	503181.4	5410281.1
L3180	503181.5	5410282.5	38839.80078	295.78	0	48.845505	-86.956637	56083.39	56244.1	5.86	56089.24	56088.77344	56090.25485	56091.14453	503181.5	5410282.5
L3180	503181.5	5410283.4	38839.89844	296.34	0	48.845514	-86.956636	56084.88	56244.1	5.86	56090.74	56090.25781	56091.71468	56092.59766	503181.5	5410283.4
L3180	503181.6	5410284.6	38840.00000	296.04	0	48.845525	-86.956636	56086.96	56244.1	5.86	56092.82	56092.32422	56093.26469	56094.14453	503181.6	5410284.6
L3180	503181.6	5410284.6	38840.10156	295.06	0	48.845525	-86.956636	56088.60	56244.1	5.86	56094.46	56093.95313	56094.77622	56095.64844	503181.6	5410284.6
L3180	503181.6	5410286.2	38840.19922	294.46	0	48.845539	-86.956635	56090.67	56244.1	5.86	56096.53	56096.00781	56096.58351	56097.44922	503181.6	5410286.2
L3180	503181.6	5410286.2	38840.30078	292.12	0	48.845539	-86.956635	56091.81	56244.1	5.86	56097.67	56097.13672	56097.42013	56098.27734	503181.6	5410286.2
L3180	503181.6	5410287.6	38840.39844	297.70	0	48.845551	-86.956635	56093.48	56244.1	5.86	56099.34	56098.79297	56098.98582	56099.83594	503181.6	5410287.6
L3180	503181.7	5410288.9	38840.50000	300.22	0	48.845563	-86.956634	56095.25	56244.1	5.86	56101.11	56100.54688	56102.16872	56103.00781	503181.7	5410288.9
L3180	503181.7	5410288.9	38840.60156	299.37	0	48.845563	-86.956634	56096.31	56244.1	5.86	56102.17	56101.59375	56098.59240	56099.42578	503181.7	5410288.9
L3180	503181.7	5410289.9	38840.69922	300.37	0	48.845572	-86.956634	56098.52	56244.1	5.86	56104.38	56103.78906	56106.14576	56106.96875	503181.7	5410289.9
L3180	503181.7	5410291.4	38840.80078	300.47	0	48.845585	-86.956634	56100.03	56244.1	5.86	56105.89	56105.28516	56104.54049	56105.35156	503181.7	5410291.4
L3180	503181.6	5410292.5	38840.89844	300.40	0	48.845595	-86.956635	56101.68	56244.1	5.86	56107.54	56106.92188	56104.13538	56104.93750	503181.6	5410292.5
L3180	503181.6	5410292.5	38841.00000	301.26	0	48.845595	-86.956635	56104.03	56244.1	5.86	56109.89	56109.25781	56112.54435	56113.33594	503181.6	5410292.5
L3180	503181.6	5410293.7	38841.10156	301.03	0	48.845606	-86.956635	56105.62	56244.1	5.86	56111.48	56110.83203	56108.32772	56109.10938	503181.6	5410293.7
L3180	503181.6	5410295.1	38841.19922	301.81	0	48.845619	-86.956635	56107.64	56244.1	5.86	56113.50	56112.83984	56113.45818	56114.22656	503181.6	5410295.1
L3180	503181.6	5410295.1	38841.30078	300.11	0	48.845619	-86.956635	56109.57	56244.1	5.86	56115.43	56114.75391	56116.37895	56117.13672	503181.6	5410295.1
L3180	503181.6	5410296.8	38841.39844	300.29	0	48.845634	-86.956635	56111.01	56244.1	5.86	56116.87	56116.17969	56114.69738	56115.44141	503181.6	5410296.8
L3180	503181.6	5410298.0	38841.50000	296.01	0	48.845645	-86.956635	56112.84	56244.1	5.86	56118.70	56117.99609	56117.82016	56118.55078	503181.6	5410298.0
L3180	503181.6	5410298.0	38841.60156	296.47	0	48.845645	-86.956635	56114.72	56244.1	5.86	56120.58	56119.85938	56121.01861	56121.73828	503181.6	5410298.0
L3180	503181.6	5410299.4	38841.69922	303.24	0	48.845657	-86.956635	56116.38	56244.1	5.86	56122.24	56121.50391	56120.05905	56120.76563	503181.6	5410299.4
L3180	503181.6	5410301.0	38841.80078	303.07	0	48.845672	-86.956635	56118.36	56244.1	5.86	56124.22	56123.46875	56124.66390	56125.35547	503181.6	5410301.0
L3180	503181.6	5410302.0	38841.89844	304.31	0	48.845681	-86.956635	56120.12	56244.1	5.86	56125.98	56125.21484	56125.28119	56125.95703	503181.6	5410302.0
L3180	503181.6	5410302.0	38842.00000	300.49	0	48.845681	-86.956635	56121.92	56244.1	5.86	56127.78	56127.00000	56126.09578	56126.75781	503181.6	5410302.0
L3180	503181.6	5410303.5	38842.10156	297.62	0	48.845695	-86.956635	56124.11	56244.1	5.86	56129.97	56129.17578	56130.58606	56131.23438	503181.6	5410303.5
L3180	503181.6	5410303.5	38842.19922	296.01	0	48.845695	-86.956635	56125.96	56244.1	5.86	56131.82	56131.01172	56131.54005	56132.17188	503181.6	5410303.5
L3180	503181.6	5410305.0	38842.30078	296.29	0	48.845708	-86.956635	56127.81	56244.1	5.87	56133.68	56132.85547	56132.51538	56133.13281	503181.6	5410305.0
L3180	503181.6	5410306.4	38842.39844	296.57	0	48.845721	-86.956635	56129.85	56244.1	5.87	56135.72	56134.87891	56137.04178	56137.64063	503181.6	5410306.4
L3180	503181.6	5410308.0	38842.50000	297.31	0	48.845735	-86.956634	56131.40	56244.1	5.87	56137.27	56136.41406	56136.02972	56136.61328	503181.6	5410308.0
L3180	503181.6	5410308.0	38842.60156	294.61	0	48.845735	-86.956634	56133.19	56244.1	5.87	56139.06	56138.18750	56138.55859	56139.12500	503181.6	5410308.0
L3180	503181.7	5410309.3	38842.69922	295.35	0	48.845747	-86.956634	56135.32	56244.1	5.87	56141.19	56140.30469	56140.65697	56141.20703	503181.7	5410309.3
L3180	503181.7	5410310.9	38842.80078	299.13	0	48.845761	-86.956634	56137.32	56244.1	5.88	56143.20	56142.30078	56144.57033	56145.10156	503181.7	5410310.9
L3180	503181.7	5410312.0	38842.89844	299.61	0	48.845771	-86.956633	56138.91	56244.1	5.88	56144.79	56143.87500	56142.41300	56142.92969	503181.7	5410312.0
L3180	503181.7	5410312.0	38843.00000	300.66	0	48.845771	-86.956633	56141.18	56244.1	5.88	56147.06	56146.12891	56148.50596	56149.00391	503181.7	5410312.0
L3180	503181.8	5410313.3	38843.10156	299.64	0	48.845782	-86.956633	56143.08	56244.1	5.88	56148.96	56148.01172	56147.99682	56148.47656	503181.8	5410313.3
L3180	503181.8	5410314.5	38843.19922	299.92	0	48.845793	-86.956632	56145.06	56244.1	5.88	56150.93	56149.96875	56151.51844	56151.98047	503181.8	5410314.5
L3180	503181.9	5410315.9	38843.30078	300.78	0	48.845806	-86.956631	56146.96	56244.1	5.88	56152.84	56151.86328	56152.16466	56152.60938	503181.9	5410315.9
L3180	503181.9	5410315.9	38843.39844	301.85	0	48.845806	-86.956631	56148.90	56244.1	5.88	56154.78	56153.78906	56155.62361	56156.05078	503181.9	5410315.9
L3180	503182.0	5410317.4	38843.50000	299.22	0	48.845819	-86.956629	56150.72	56244.1	5.88	56156.60	56155.58984	56155.13371	56155.53906	503182.0	5410317.4
L3180	503182.1	5410318.7	38843.60156	298.04	0	48.845831	-86.956628	56152.93	56244.1	5.88	56158.81	56157.78516	56160.60217	56160.98828	503182.1	5410318.7
L3180	503182.1	5410318.7	38843.69922	297.07	0	48.845831	-86.956628	56154.43	56244.1	5.88	56160.31	56159.26953	56159.21149	56159.57813	503182.1	5410318.7
L3180	503182.2	5410320.2	38843.80078	295.39	0	48.845845	-86.956626	56156.40	56244.1	5.88	56162.28	56161.22656	56162.00603	56162.35547	503182.2	5410320.2
L3180	503182.3	5410321.3	38843.89844	297.05	0	48.845855	-86.956626	56158.64	56244.1	5.88	56164.52	56163.44922	56165.27868	56165.60938	503182.3	5410321.3
L3180	503182.4	5410322.9	38844.00000	297.23	0	48.845869	-86.956624	56160.31	56244.1	5.88	56166.19	56165.10547	56165.85724	56166.16797	503182.4	5410322.9
L3180	503182.4	5410322.9	38844.10156	296.67	0	48.845869	-86.956624	56162.20	56244.1	5.88	56168.08	56166.98047	56168.10766	56168.39844	503182.4	5410322.9
L3180	503182.5	5410324.0	38844.19922	298.50	0	48.845879	-86.956623	56164.21	56244.1	5.88	56170.09	56168.97656	56170.01471	56170.28516	503182.5	5410324.0
L3180	503182.6	5410325.9	38844.30078	297.59	0	48.845896	-86.956622	56166.33	56244.1	5.88	56172.22	56171.08984	56172.28630	56172.53516	503182.6	5410325.9
L3180	503182.6	5410327.1	38844.39844	295.39	0	48.845907	-86.956621	56168.33	56244.1	5.88	56174.21	56173.06641	56174.21000	56174.43750	503182.6	5410327.1
L3180	503182.6	5410327.1	38844.50000	297.33	0	48.845907	-86.956621	56170.38	56244.1	5.88	56176.26	56175.10156	56176.26000	56176.46875	503182.6	5410327.1
L3180	503182.7	5410328.5	38844.60156	295.81	0	48.845919	-86.956620	56172.13	56244.1	5.89	56178.01	56176.83594	56177.98852	56178.17578	503182.7	5410328.5
L3180	503182.7	5410330.0	38844.69922	297.28	0	48.845933	-86.956620	56173.99	56244.1	5.89	56179.88	56178.69141	56179.85429	56180.01953	503182.7	5410330.0
L3180	503182.7	5410330.0	38844.80078	298.31	0	48.845933	-86.956620	56176.06	56244.1	5.89	56181.95	56180.74609	56181.88706	56182.03125	503182.7	5410330.0
L3180	503182.7	5410331.7	38844.89844	298.66	0	48.845948	-86.956619	56177.71	56244.1	5.89	56183.60	56182.37891	56183.57951	56183.70313	503182.7	5410331.7
L3180	503182.8	5410333.0	38845.00000	299.03	0	48.845960	-86.956619	56179.67	56244.1	5.89	56185.56	56184.32422	56185.53187	56185.63672	503182.8	5410333.0
L3180	503182.8	5410333.0	38845.10156	296.06	0	48.845960	-86.956619	56181.60	56244.1	5.89	56187.49	56186.24219	56187.47418	56187.55469	503182.8	5410333.0
L3180	503182.8	5410334.6	38845.19922	296.37	0	48.845974	-86.956619	56184.06	56244.1	5.90	56189.96	56188.69531	56189.96000	56190.01953	503182.8	5410334.6
L3180	503182.8	5410335.9	38845.30078	296.85	0	48.845986	-86.956619	56185.63	56244.1	5.90	56191.53	56190.25391	56191.53000	56191.57031	503182.8	5410335.9
L3180	503182.8	5410335.9	38845.39844	296.07	0	48.845986	-86.956619	56187.70	56244.1	5.90	56193.60	56192.30859	56193.60000	56193.61719	503182.8	5410335.9
L3180	503182.7	5410338.0	38845.50000	295.10	0	48.846005	-86.956619	56189.78	56244.1	5.90	56195.69	56194.38281	56195.62298	56195.61719	503182.7	5410338.0
L3180	503182.7	5410339.4	38845.60156	295.12	0	48.846017	-86.956620	56191.84	56244.1	5.91	56197.75	56196.42969	56198.29716	56198.26953	503182.7	5410339.4
L3180	503182.7	5410340.7	38845.69922	298.78	0	48.846030	-86.956620	56193.27	56244.1	5.91	56199.18	56197.84375	56198.74916	56198.69922	503182.7	5410340.7
L3180	503182.7	5410340.7	38845.80078	299.59	0	48.846030	-86.956620	56195.46	56244.1	5.91	56201.37	56200.02344	56201.48129	56201.41016	503182.7	5410340.7
L3180	503182.7	5410342.1	38845.89844	301.51	0	48.846042	-86.956620	56197.54	56244.1	5.92	56203.46	56202.09766	56204.99617	56204.90234	503182.7	5410342.1
L3180	503182.7	5410343.9	38846.00000	303.42	0	48.846058	-86.956621	56198.54	56244.1	5.92	56204.46	56203.08594	56202.73144	56202.61328	503182.7	5410343.9
L3180	503182.7	5410343.9	38846.10156	302.98	0	48.846058	-86.956621	56200.88	56244.1	5.92	56206.81	56205.42188	56208.47287	56208.33594	503182.7	5410343.9
L3180	503182.6	5410345.6	38846.19922	293.74	0	48.846073	-86.956621	56202.42	56244.1	5.92	56208.35	56206.94922	56207.91850	56207.75781	503182.6	5410345.6
L3180	503182.6	5410345.6	38846.30078	291.35	0	48.846073	-86.956621	56204.37	56244.1	5.93	56210.29	56208.87500	56210.02553	56209.84375	503182.6	5410345.6
L3180	503182.6	5410347.4	38846.39844	296.84	0	48.846089	-86.956621	56206.61	56244.1	5.93	56212.53	56211.10156	56214.18833	56213.98047	503182.6	5410347.4
L3180	503182.6	5410348.7	38846.50000	298.62	0	48.846101	-86.956621	56207.98	56244.1	5.93	56213.91	56212.46875	56212.78952	56212.55859	503182.6	5410348.7
L3180	503182.6	5410348.7	38846.60156	298.99	0	48.846101	-86.956621	56210.04	56244.1	5.93	56215.97	56214.51563	56217.42697	56217.17578	503182.6	5410348.7
L3180	503182.6	5410350.6	38846.69922	300.55	0	48.846118	-86.956621	56211.43	56244.1	5.93	56217.36	56215.89453	56216.47213	56216.19922	503182.6	5410350.6
L3180	503182.6	5410352.0	38846.80078	301.20	0	48.846131	-86.956621	56213.73	56244.1	5.94	56219.66	56218.17969	56220.18725	56219.89063	503182.6	5410352.0
L3180	503182.6	5410353.6	38846.89844	299.72	0	48.846145	-86.956621	56215.74	56244.1	5.94	56221.68	56220.18750	56221.97179	56221.65234	503182.6	5410353.6
L3180	503182.6	5410353.6	38847.00000	299.03	0	48.846145	-86.956621	56217.20	56244.1	5.94	56223.14	56221.63672	56223.11813	56222.77344	503182.6	5410353.6
L3180	503182.6	5410355.4	38847.10156	295.92	0	48.846162	-86.956622	56219.09	56244.1	5.94	56225.02	56223.50391	56225.02000	56224.65234	503182.6	5410355.4
L3180	503182.5	5410357.3	38847.19922	297.77	0	48.846178	-86.956622	56220.82	56244.1	5.94	56226.76	56225.23047	56226.76000	56226.37109	503182.5	5410357.3
L3180	503182.5	5410357.3	38847.30078	297.65	0	48.846178	-86.956622	56222.33	56244.1	5.93	56228.26	56226.72266	56228.17999	56227.76953	503182.5	5410357.3
L3180	503182.5	5410358.9	38847.39844	295.28	0	48.846193	-86.956622	56224.22	56244.1	5.93	56230.15	56228.59766	56229.99683	56229.56250	503182.5	5410358.9
L3180	503182.5	5410358.9	38847.50000	295.17	0	48.846193	-86.956622	56225.75	56244.1	5.93	56231.68	56230.11719	56231.52565	56231.07031	503182.5	5410358.9
L3180	503182.5	5410360.8	38847.60156	297.61	0	48.846210	-86.956622	56227.40	56244.1	5.93	56233.33	56231.75781	56233.16940	56232.69141	503182.5	5410360.8
L3180	503182.5	5410362.4	38847.69922	297.75	0	48.846224	-86.956623	56229.26	56244.1	5.93	56235.19	56233.60547	56234.99700	56234.49609	503182.5	5410362.4
L3180	503182.5	5410363.5	38847.80078	295.60	0	48.846235	-86.956623	56231.03	56244.1	5.92	56236.96	56235.36719	56236.77072	56236.25000	503182.5	5410363.5
L3180	503182.5	5410363.5	38847.89844	297.00	0	48.846235	-86.956623	56232.49	56244.1	5.92	56238.41	56236.80469	56238.29495	56237.75000	503182.5	5410363.5
L3180	503182.5	5410365.7	38848.00000	295.90	0	48.846254	-86.956623	56234.14	56244.1	5.92	56240.06	56238.44531	56240.06000	56239.49219	503182.5	5410365.7
L3180	503182.5	5410365.7	38848.10156	295.74	0	48.846254	-86.956623	56235.44	56244.1	5.92	56241.36	56239.73438	56241.36000	56240.77344	503182.5	5410365.7
L3180	503182.4	5410367.4	38848.19922	296.30	0	48.846269	-86.956623	56237.36	56244.1	5.92	56243.28	56241.64453	56243.58569	56242.97656	503182.4	5410367.4
L3180	503182.4	5410369.0	38848.30078	296.51	0	48.846284	-86.956623	56238.96	56244.1	5.93	56244.88	56243.23438	56244.75649	56244.12500	503182.4	5410369.0
L3180	503182.4	5410369.0	38848.39844	296.28	0	48.846284	-86.956623	56240.66	56244.1	5.93	56246.59	56244.93359	56247.31983	56246.66797	503182.4	5410369.0
L3180	503182.4	5410370.2	38848.50000	297.86	0	48.846294	-86.956624	56242.20	56244.1	5.93	56248.13	56246.46484	56247.85435	56247.18359	503182.4	5410370.2
L3180	503182.4	5410370.2	38848.60156	300.09	0	48.846294	-86.956624	56243.88	56244.1	5.93	56249.81	56248.13672	56251.37076	56250.67969	503182.4	5410370.2

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L3180	503182.4	5410371.8	38848.69922	302.75	0	48.846309	-86.956624	56245.17	56244.1	5.93	56251.10	56249.41797	56250.05312	56249.33984	503182.4	5410371.8
L3180	503182.3	5410373.5	38848.80078	302.79	0	48.846324	-86.956624	56246.97	56244.1	5.94	56252.91	56251.21875	56255.11015	56254.37891	503182.3	5410373.5
L3180	503182.3	5410375.2	38848.89844	301.80	0	48.846339	-86.956625	56248.31	56244.1	5.94	56254.25	56252.55078	56253.28215	56252.53125	503182.3	5410375.2
L3180	503182.3	5410375.2	38849.00000	300.96	0	48.846339	-86.956625	56250.06	56244.1	5.94	56256.00	56254.29297	56257.86342	56257.09375	503182.3	5410375.2
L3180	503182.3	5410376.8	38849.10156	299.36	0	48.846353	-86.956625	56251.52	56244.1	5.94	56257.46	56255.74609	56257.40919	56256.61719	503182.3	5410376.8
L3180	503182.3	5410378.5	38849.19922	300.98	0	48.846369	-86.956626	56252.93	56244.1	5.94	56258.87	56257.14844	56260.24369	56259.43359	503182.3	5410378.5
L3180	503182.2	5410379.9	38849.30078	300.35	0	48.846382	-86.956626	56254.23	56244.1	5.94	56260.16	56258.42969	56259.42920	56258.60156	503182.2	5410379.9
L3180	503182.2	5410380.9	38849.39844	298.47	0	48.846390	-86.956626	56256.04	56244.1	5.94	56261.97	56260.23438	56263.00512	56262.16016	503182.2	5410380.9
L3180	503182.2	5410380.9	38849.50000	298.61	0	48.846390	-86.956626	56257.67	56244.1	5.93	56263.61	56261.86719	56263.50527	56262.64063	503182.2	5410380.9
L3180	503182.2	5410382.5	38849.60156	296.43	0	48.846405	-86.956627	56259.34	56244.1	5.93	56265.27	56263.51953	56265.59816	56264.71875	503182.2	5410382.5
L3180	503182.2	5410382.5	38849.69922	298.04	0	48.846405	-86.956627	56260.38	56244.1	5.93	56266.31	56264.55078	56266.22637	56265.32813	503182.2	5410382.5
L3180	503182.1	5410384.0	38849.80078	298.85	0	48.846418	-86.956627	56262.02	56244.1	5.93	56267.95	56266.18750	56267.64392	56266.73047	503182.1	5410384.0
L3180	503182.1	5410385.7	38849.89844	299.83	0	48.846434	-86.956628	56263.56	56244.1	5.93	56269.49	56267.71875	56268.95318	56268.01953	503182.1	5410385.7
L3180	503182.1	5410385.7	38850.00000	299.14	0	48.846434	-86.956628	56265.16	56244.1	5.93	56271.09	56269.31250	56270.23219	56269.28516	503182.1	5410385.7
L3180	503182.1	5410387.4	38850.10156	296.60	0	48.846449	-86.956628	56266.45	56244.1	5.93	56272.37	56270.58984	56271.45843	56270.49219	503182.1	5410387.4
L3180	503182.0	5410389.1	38850.19922	293.95	0	48.846464	-86.956629	56267.93	56244.1	5.93	56273.86	56272.07422	56272.73584	56271.75781	503182.0	5410389.1
L3180	503182.0	5410390.5	38850.30078	291.81	0	48.846477	-86.956629	56269.74	56244.1	5.93	56275.66	56273.86719	56273.84409	56272.84766	503182.0	5410390.5
L3180	503182.0	5410390.5	38850.39844	292.15	0	48.846477	-86.956629	56270.72	56244.1	5.93	56276.64	56274.84375	56275.33767	56274.32813	503182.0	5410390.5
L3180	503182.0	5410392.2	38850.50000	293.04	0	48.846492	-86.956629	56272.22	56244.1	5.93	56278.14	56276.33594	56276.56714	56275.54297	503182.0	5410392.2
L3180	503182.0	5410393.6	38850.60156	293.31	0	48.846505	-86.956629	56273.81	56244.1	5.92	56279.73	56277.92188	56277.98732	56276.94922	503182.0	5410393.6
L3180	503182.0	5410394.8	38850.69922	294.05	0	48.846516	-86.956629	56275.07	56244.1	5.92	56281.00	56279.18750	56279.23492	56278.18359	503182.0	5410394.8
L3180	503181.9	5410396.5	38850.80078	289.25	0	48.846531	-86.956630	56276.33	56244.1	5.92	56282.25	56280.43359	56280.49922	56279.43359	503181.9	5410396.5
L3180	503181.9	5410396.5	38850.89844	289.65	0	48.846531	-86.956630	56278.09	56244.1	5.92	56284.01	56282.19141	56282.14817	56281.07031	503181.9	5410396.5
L3180	503181.9	5410398.6	38851.00000	292.37	0	48.846550	-86.956630	56279.62	56244.1	5.92	56285.54	56283.71875	56283.65484	56282.56250	503181.9	5410398.6
L3180	503181.9	5410398.6	38851.10156	293.96	0	48.846550	-86.956630	56280.89	56244.1	5.92	56286.81	56284.98438	56284.99410	56283.89063	503181.9	5410398.6
L3180	503181.9	5410400.0	38851.19922	293.90	0	48.846563	-86.956631	56282.36	56244.1	5.91	56288.27	56286.44141	56286.48135	56285.36328	503181.9	5410400.0
L3180	503181.9	5410401.2	38851.30078	296.28	0	48.846573	-86.956631	56284.02	56244.1	5.91	56289.92	56288.08984	56288.11684	56286.98828	503181.9	5410401.2
L3180	503181.9	5410401.2	38851.39844	295.98	0	48.846573	-86.956631	56285.54	56244.1	5.90	56291.44	56289.60547	56289.45377	56288.31250	503181.9	5410401.2
L3180	503181.8	5410403.0	38851.50000	295.82	0	48.846590	-86.956631	56286.79	56244.1	5.90	56292.68	56290.84375	56291.12640	56289.97266	503181.8	5410403.0
L3180	503181.8	5410404.2	38851.60156	290.79	0	48.846601	-86.956631	56288.40	56244.1	5.90	56294.29	56292.44922	56292.53686	56291.37500	503181.8	5410404.2
L3180	503181.8	5410406.0	38851.69922	294.26	0	48.846617	-86.956631	56289.95	56244.1	5.89	56295.85	56294.00781	56293.97557	56292.80078	503181.8	5410406.0
L3180	503181.8	5410406.0	38851.80078	298.43	0	48.846617	-86.956631	56291.16	56244.1	5.89	56297.05	56295.20703	56295.56963	56294.38672	503181.8	5410406.0
L3180	503181.8	5410407.9	38851.89844	302.66	0	48.846633	-86.956631	56292.61	56244.1	5.88	56298.49	56296.64453	56297.01477	56295.82031	503181.8	5410407.9
L3180	503181.8	5410409.2	38852.00000	302.07	0	48.846646	-86.956632	56294.09	56244.1	5.88	56299.97	56298.12500	56298.46609	56297.26172	503181.8	5410409.2
L3180	503181.8	5410410.6	38852.10156	301.70	0	48.846658	-86.956632	56295.52	56244.1	5.88	56301.40	56299.55469	56299.94486	56298.73438	503181.8	5410410.6
L3180	503181.8	5410410.6	38852.19922	301.99	0	48.846658	-86.956632	56297.08	56244.1	5.87	56302.95	56301.10156	56301.36257	56300.14063	503181.8	5410410.6
L3180	503181.8	5410412.7	38852.30078	299.73	0	48.846677	-86.956632	56298.63	56244.1	5.87	56304.50	56302.65234	56302.73338	56301.50391	503181.8	5410412.7
L3180	503181.8	5410414.3	38852.39844	296.48	0	48.846691	-86.956632	56300.01	56244.1	5.87	56305.88	56304.03125	56304.09295	56302.85547	503181.8	5410414.3
L3180	503181.8	5410414.3	38852.50000	296.73	0	48.846691	-86.956632	56301.26	56244.1	5.86	56307.12	56305.26953	56305.49554	56304.25000	503181.8	5410414.3
L3180	503181.8	5410416.0	38852.60156	295.98	0	48.846706	-86.956632	56302.79	56244.1	5.86	56308.65	56306.80078	56306.73958	56305.48438	503181.8	5410416.0
L3180	503181.8	5410417.3	38852.69922	294.55	0	48.846718	-86.956632	56304.38	56244.1	5.86	56310.24	56308.39063	56308.14966	56306.89063	503181.8	5410417.3
L3180	503181.8	5410417.3	38852.80078	294.10	0	48.846718	-86.956632	56305.63	56244.1	5.86	56311.49	56309.64063	56309.26259	56307.99609	503181.8	5410417.3
L3180	503181.8	5410419.3	38852.89844	292.97	0	48.846736	-86.956632	56307.11	56244.1	5.85	56312.96	56311.11328	56310.51530	56309.24219	503181.8	5410419.3
L3180	503181.8	5410419.3	38853.00000	293.79	0	48.846736	-86.956632	56308.79	56244.2	5.85	56314.64	56312.79297	56311.89252	56310.60938	503181.8	5410419.3
L3180	503181.8	5410421.3	38853.10156	295.27	0	48.846754	-86.956631	56309.79	56244.1	5.85	56315.64	56313.79297	56312.81464	56311.52734	503181.8	5410421.3
L3180	503181.8	5410422.5	38853.19922	297.17	0	48.846765	-86.956631	56311.42	56244.1	5.85	56317.27	56315.42578	56314.14542	56312.85156	503181.8	5410422.5
L3180	503181.8	5410423.9	38853.30078	297.46	0	48.846777	-86.956631	56312.82	56244.1	5.85	56318.67	56316.82422	56315.34007	56314.04297	503181.8	5410423.9
L3180	503181.8	5410423.9	38853.39844	297.92	0	48.846777	-86.956631	56313.89	56244.1	5.85	56319.75	56317.90625	56316.36157	56315.05859	503181.8	5410423.9
L3180	503181.9	5410425.5	38853.50000	295.56	0	48.846792	-86.956631	56315.45	56244.1	5.85	56321.30	56319.45703	56317.67387	56316.36328	503181.9	5410425.5
L3180	503181.9	5410427.3	38853.60156	292.58	0	48.846808	-86.956630	56316.68	56244.1	5.86	56322.54	56320.69922	56318.82500	56317.51172	503181.9	5410427.3
L3180	503181.9	5410427.3	38853.69922	293.38	0	48.846808	-86.956630	56317.88	56244.1	5.86	56323.73	56321.89453	56319.96817	56318.64844	503181.9	5410427.3
L3180	503181.9	5410428.8	38853.80078	294.84	0	48.846822	-86.956630	56319.31	56244.1	5.86	56325.17	56323.33594	56321.26680	56319.94531	503181.9	5410428.8
L3180	503181.9	5410430.1	38853.89844	293.79	0	48.846834	-86.956630	56320.88	56244.1	5.86	56326.74	56324.90625	56322.65101	56321.32422	503181.9	5410430.1
L3180	503181.9	5410430.1	38854.00000	293.54	0	48.846834	-86.956630	56321.86	56244.1	5.86	56327.72	56325.89063	56323.73306	56322.40234	503181.9	5410430.1
L3180	503181.9	5410431.6	38854.10156	293.00	0	48.846846	-86.956629	56323.26	56244.1	5.85	56329.11	56327.28125	56325.05069	56323.71484	503181.9	5410431.6
L3180	503182.0	5410433.5	38854.19922	293.35	0	48.846864	-86.956629	56324.77	56244.2	5.85	56330.61	56328.78516	56326.44295	56325.10547	503182.0	5410433.5
L3180	503182.0	5410434.6	38854.30078	291.48	0	48.846873	-86.956629	56325.76	56244.2	5.84	56331.60	56329.77734	56327.57152	56326.23047	503182.0	5410434.6
L3180	503182.0	5410435.9	38854.39844	294.08	0	48.846885	-86.956628	56326.93	56244.2	5.84	56332.77	56330.95313	56328.80964	56327.46484	503182.0	5410435.9
L3180	503182.0	5410435.9	38854.50000	294.16	0	48.846885	-86.956628	56328.44	56244.2	5.83	56334.27	56332.45313	56330.24610	56328.89844	503182.0	5410435.9
L3180	503182.1	5410437.7	38854.60156	294.45	0	48.846902	-86.956628	56329.13	56244.2	5.82	56334.95	56333.13672	56331.22767	56329.87891	503182.1	5410437.7
L3180	503182.1	5410439.3	38854.69922	294.07	0	48.846916	-86.956627	56330.36	56244.2	5.82	56336.18	56334.37109	56332.53233	56331.17969	503182.1	5410439.3
L3180	503182.1	5410439.3	38854.80078	294.71	0	48.846916	-86.956627	56331.76	56244.2	5.81	56337.57	56335.76563	56333.94512	56332.59375	503182.1	5410439.3
L3180	503182.2	5410441.1	38854.89844	293.23	0	48.846932	-86.956627	56332.75	56244.2	5.81	56338.56	56336.76172	56335.12380	56333.76953	503182.2	5410441.1
L3180	503182.2	5410442.5	38855.00000	293.80	0	48.846945	-86.956626	56333.80	56244.2	5.80	56339.60	56337.80469	56336.33392	56334.97656	503182.2	5410442.5
L3180	503182.2	5410442.5	38855.10156	297.32	0	48.846945	-86.956626	56334.97	56244.2	5.80	56340.78	56338.98828	56337.63565	56336.27734	503182.2	5410442.5
L3180	503182.2	5410444.2	38855.19922	298.14	0	48.846960	-86.956625	56336.18	56244.2	5.81	56341.99	56340.20313	56338.96073	56337.60156	503182.2	5410444.2
L3180	503182.3	5410446.2	38855.30078	296.34	0	48.846978	-86.956625	56336.81	56244.2	5.81	56342.62	56340.83594	56339.88694	56338.52734	503182.3	5410446.2
L3180	503182.3	5410446.2	38855.39844	296.73	0	48.846978	-86.956625	56338.04	56244.2	5.81	56343.85	56342.07031	56341.21929	56339.85547	503182.3	5410446.2
L3180	503182.3	5410448.1	38855.50000	296.02	0	48.846995	-86.956624	56339.31	56244.2	5.82	56345.12	56343.34375	56342.58159	56341.21875	503182.3	5410448.1
L3180	503182.4	5410449.8	38855.60156	293.84	0	48.847011	-86.956623	56339.90	56244.2	5.82	56345.72	56343.94922	56343.56166	56342.19922	503182.4	5410449.8
L3180	503182.4	5410451.3	38855.69922	292.67	0	48.847024	-86.956623	56341.00	56244.2	5.82	56346.82	56345.05469	56344.63672	56343.27344	503182.4	5410451.3
L3180	503182.4	5410452.8	38855.80078	296.10	0	48.847037	-86.956623	56342.29	56244.2	5.82	56348.12	56346.35938	56345.62355	56344.25781	503182.4	5410452.8
L3180	503182.4	5410452.8	38855.89844	296.31	0	48.847037	-86.956623	56342.98	56244.2	5.83	56348.81	56347.05469	56346.84330	56345.48047	503182.4	5410452.8
L3180	503182.4	5410452.8	38856.00000	297.43	0	48.847037	-86.956623	56343.78	56244.2	5.83	56349.61	56347.85938	56347.94529	56346.58203	503182.4	5410452.8
L3180	503182.5	5410454.5	38856.10156	298.99	0	48.847052	-86.956622	56345.03	56244.2	5.83	56350.86	56349.11328	56348.90035	56347.53516	503182.5	5410454.5
L3180	503182.5	5410456.3	38856.19922	297.05	0	48.847069	-86.956622	56345.56	56244.2	5.83	56351.39	56349.64844	56349.98044	56348.61719	503182.5	5410456.3
L3180	503182.5	5410457.7	38856.30078	295.04	0	48.847081	-86.956622	56346.46	56244.2	5.83	56352.29	56350.55469	56350.96242	56349.59766	503182.5	5410457.7
L3180	503182.5	5410459.2	38856.39844	295.80	0	48.847095	-86.956622	56347.45	56244.2	5.83	56353.28	56351.55078	56351.97985	56350.61719	503182.5	5410459.2
L3180	503182.5	5410459.2	38856.50000	296.45	0	48.847095	-86.956622	56348.42	56244.2	5.83	56354.25	56352.52734	56352.97933	56351.61719	503182.5	5410459.2
L3180	503182.5	5410461.0	38856.60156	297.54	0	48.847111	-86.956622	56349.09	56244.2	5.83	56354.92	56353.20313	56353.90267	56352.53906	503182.5	5410461.0
L3180	503182.5	5410461.0	38856.69922	296.70	0	48.847111	-86.956622	56350.06	56244.2	5.83	56355.89	56354.17578	56354.84968	56353.48828	503182.5	5410461.0
L3180	503182.5	5410463.2	38856.80078	295.39	0	48.847131	-86.956622	56350.77	56244.2	5.83	56356.60	56354.89453	56355.70067	56354.33984	503182.5	5410463.2
L3180	503182.5	5410464.6	38856.89844	293.76	0	48.847144	-86.956622	56351.41	56244.2	5.83	56357.24	56355.53906	56356.48516	56355.12500	503182.5	5410464.6
L3180	503182.5	5410464.6	38857.00000	294.80	0	48.847144	-86.956622	56352.13	56244.2	5.83	56357.96	56356.26563	56357.29274	56355.93359	503182.5	5410464.6
L3180	503182.5	5410466.2	38857.10156	296.70	0	48.847158	-86.956622	56353.10	56244.2	5.83	56358.93	56357.24219	56358.20341	56356.84375	503182.5	5410466.2
L3180	503182.5	5410467.9	38857.19922	298.66	0	48.847173	-86.956622	56353.86	56244.2	5.83	56359.69	56358.00781	56359.00731	56357.65234	503182.5	5410467.9
L3180	503182.5	5410467.9	38857.30078	298.68	0	48.847173	-86.956622	56354.65	56244.2	5.83	56360.49	56358.81250	56359.79973	56358.44531	503182.5	5410467.9
L3180	503182.4	5410469.4	38857.39844	298.35	0	48.847186	-86.956622	56355.49	56244.2	5.83	56361.32	56359.64844	56360.57034	56359.21875	503182.4	5410469.4
L3180	503182.4	5410471.1	38857.50000	297.95	0	48.847202	-86.956623	56356.03	56244.2	5.83	56361.87	56360.20313	56361.20287	56359.85156	503182.4	5410471.1
L3180	503182.4	5410473.1	38857.60156	297.71	0	48.847220	-86.956624	56356.87	56244.2	5.84	56362.71	56361.05078	56361.94427	56360.59375	503182.4	5410473.1
L3180	503182.4	5410473.1	38857.69922	297.72	0	48.847220	-86.956624	56357.71	56244.2	5.84	56363.55	56361.89844	56362.69286	56361.34375	503182.4	5410473.1
L3180	503182.3	5410474.8	38857.80078	298.82	0	48.847235	-86.956624	56358.66	56244.2	5.84	56364.49	56362.84375	56363.45566	56362.10938	503182.3	5410474.8
L3180	503182.3	5410474.8	38857.89844	298.99	0	48.847235	-86.956624	56359.61	56244.2	5.84	56365.44	56363.80078	56364.17802	56362.83594	503182.3	5410474.8

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L3180	503182.3	5410476.8	38858.00000	298.33	0	48.847253	-86.956625	56360.46	56244.2	5.84	56366.30	56364.66406	56364.82746	56363.48438	503182.3	5410476.8
L3180	503182.3	5410476.8	38858.10156	296.93	0	48.847253	-86.956625	56361.14	56244.2	5.84	56366.98	56365.35156	56365.43478	56364.09375	503182.3	5410476.8
L3180	503182.2	5410478.6	38858.19922	295.73	0	48.847270	-86.956625	56361.79	56244.2	5.85	56367.64	56366.01953	56366.04387	56364.70703	503182.2	5410478.6
L3180	503182.2	5410479.9	38858.30078	293.67	0	48.847282	-86.956626	56362.66	56244.2	5.85	56368.51	56366.89453	56366.54611	56365.21094	503182.2	5410479.9
L3180	503182.2	5410481.4	38858.39844	294.37	0	48.847295	-86.956626	56363.07	56244.1	5.85	56368.93	56367.32031	56367.29803	56365.96484	503182.2	5410481.4
L3180	503182.1	5410483.2	38858.50000	295.27	0	48.847311	-86.956626	56364.15	56244.1	5.85	56370.00	56368.39844	56367.65343	56366.32422	503182.1	5410483.2
L3180	503182.1	5410483.2	38858.60156	295.50	0	48.847311	-86.956626	56364.52	56244.1	5.86	56370.38	56368.78125	56368.44819	56367.12109	503182.1	5410483.2
L3180	503182.1	5410485.7	38858.69922	295.59	0	48.847334	-86.956627	56365.09	56244.1	5.86	56370.95	56369.35938	56369.11241	56367.78906	503182.1	5410485.7
L3180	503182.1	5410487.1	38858.80078	295.22	0	48.847346	-86.956627	56365.78	56244.1	5.86	56371.64	56370.05469	56369.78856	56368.46875	503182.1	5410487.1
L3180	503182.1	5410487.1	38858.89844	292.74	0	48.847346	-86.956627	56366.49	56244.1	5.87	56372.35	56370.77344	56370.54801	56369.23047	503182.1	5410487.1
L3180	503182.1	5410488.6	38859.00000	293.64	0	48.847360	-86.956627	56367.34	56244.1	5.87	56373.21	56371.63672	56371.27810	56369.96094	503182.1	5410488.6
L3180	503182.1	5410488.6	38859.10156	294.20	0	48.847360	-86.956627	56368.16	56244.1	5.87	56374.03	56372.46484	56372.05624	56370.74219	503182.1	5410488.6
L3180	503182.1	5410490.4	38859.19922	292.97	0	48.847376	-86.956627	56368.71	56244.1	5.87	56374.58	56373.01953	56372.96944	56371.66016	503182.1	5410490.4
L3180	503182.1	5410492.1	38859.30078	292.39	0	48.847391	-86.956627	56369.33	56244.1	5.87	56375.20	56373.64844	56373.84746	56372.54297	503182.1	5410492.1
L3180	503182.1	5410492.1	38859.39844	292.48	0	48.847391	-86.956627	56370.14	56244.1	5.87	56376.01	56374.46484	56374.73128	56373.42969	503182.1	5410492.1
L3180	503182.0	5410493.6	38859.50000	291.74	0	48.847404	-86.956628	56370.88	56244.1	5.87	56376.75	56375.21094	56375.65893	56374.35938	503182.0	5410493.6
L3180	503182.0	5410494.8	38859.60156	296.26	0	48.847415	-86.956628	56371.29	56244.1	5.86	56377.15	56375.61719	56376.51324	56375.21484	503182.0	5410494.8
L3180	503182.0	5410496.7	38859.69922	296.97	0	48.847432	-86.956628	56372.08	56244.1	5.86	56377.94	56376.41406	56377.49508	56376.20313	503182.0	5410496.7
L3180	503182.0	5410498.2	38859.80078	297.50	0	48.847446	-86.956628	56372.48	56244.1	5.86	56378.35	56376.82813	56378.24757	56376.95703	503182.0	5410498.2
L3180	503182.0	5410498.2	38859.89844	298.81	0	48.847446	-86.956628	56373.20	56244.1	5.86	56379.06	56377.54688	56379.54928	56378.26172	503182.0	5410498.2
L3180	503181.9	5410500.4	38860.00000	299.45	0	48.847466	-86.956629	56373.66	56244.1	5.86	56379.52	56378.01172	56378.95406	56377.67188	503181.9	5410500.4
L3180	503181.9	5410501.9	38860.10156	299.15	0	48.847479	-86.956630	56374.56	56244.1	5.86	56380.42	56378.91797	56382.66271	56381.38281	503181.9	5410501.9
L3180	503181.9	5410501.9	38860.19922	297.49	0	48.847479	-86.956630	56375.04	56244.1	5.87	56380.90	56379.40625	56380.18974	56378.91406	503181.9	5410501.9
L3180	503181.9	5410503.3	38860.30078	297.62	0	48.847492	-86.956630	56375.86	56244.1	5.87	56381.73	56380.24219	56383.93422	56382.66406	503181.9	5410503.3
L3180	503181.9	5410503.3	38860.39844	299.69	0	48.847492	-86.956630	56376.60	56244.1	5.87	56382.47	56380.98828	56383.64595	56382.37891	503181.9	5410503.3
L3180	503181.8	5410505.6	38860.50000	301.09	0	48.847512	-86.956631	56377.29	56244.1	5.88	56383.16	56381.68359	56384.93545	56383.67188	503181.8	5410505.6
L3180	503181.8	5410507.0	38860.60156	294.50	0	48.847525	-86.956632	56377.92	56244.1	5.88	56383.80	56382.32813	56386.34928	56385.08984	503181.8	5410507.0
L3180	503181.8	5410507.0	38860.69922	295.18	0	48.847525	-86.956632	56378.46	56244.1	5.88	56384.34	56382.87500	56385.70972	56384.45703	503181.8	5410507.0
L3180	503181.7	5410508.7	38860.80078	302.24	0	48.847541	-86.956632	56379.20	56244.1	5.88	56385.08	56383.62109	56386.78332	56385.53516	503181.7	5410508.7
L3180	503181.7	5410510.2	38860.89844	301.25	0	48.847554	-86.956633	56379.69	56244.1	5.89	56385.58	56384.12891	56386.06715	56384.82031	503181.7	5410510.2
L3180	503181.6	5410511.9	38861.00000	299.90	0	48.847569	-86.956633	56380.61	56244.1	5.89	56386.50	56385.05469	56388.28728	56387.04688	503181.6	5410511.9
L3180	503181.6	5410511.9	38861.10156	302.29	0	48.847569	-86.956633	56381.24	56244.1	5.89	56387.13	56385.69141	56388.37741	56387.14063	503181.6	5410511.9
L3180	503181.6	5410513.1	38861.19922	303.69	0	48.847580	-86.956634	56382.04	56244.1	5.89	56387.93	56386.49609	56390.21299	56388.98047	503181.6	5410513.1
L3180	503181.5	5410514.6	38861.30078	301.54	0	48.847593	-86.956634	56382.82	56244.1	5.89	56388.71	56387.28516	56390.01576	56388.78906	503181.5	5410514.6
L3180	503181.5	5410516.4	38861.39844	300.46	0	48.847610	-86.956635	56383.67	56244.1	5.89	56389.56	56388.14063	56390.82592	56389.60156	503181.5	5410516.4
L3180	503181.4	5410517.9	38861.50000	297.91	0	48.847623	-86.956636	56384.48	56244.1	5.89	56390.37	56388.95703	56393.47570	56392.25781	503181.4	5410517.9
L3180	503181.4	5410517.9	38861.60156	292.54	0	48.847623	-86.956636	56384.94	56244.1	5.89	56390.83	56389.42188	56390.54547	56389.33203	503181.4	5410517.9
L3180	503181.4	5410519.6	38861.69922	293.08	0	48.847638	-86.956636	56385.64	56244.1	5.89	56391.53	56390.12891	56393.74183	56392.53125	503181.4	5410519.6
L3180	503181.4	5410519.6	38861.80078	298.73	0	48.847638	-86.956636	56386.17	56244.1	5.89	56392.06	56390.66406	56391.58794	56390.38281	503181.4	5410519.6
L3180	503181.3	5410521.2	38861.89844	298.18	0	48.847653	-86.956637	56387.06	56244.1	5.89	56392.95	56391.55859	56394.23402	56393.03516	503181.3	5410521.2
L3180	503181.3	5410522.9	38862.00000	298.35	0	48.847668	-86.956637	56387.86	56244.1	5.89	56393.75	56392.36719	56394.01041	56392.81641	503181.3	5410522.9
L3180	503181.3	5410524.4	38862.10156	296.91	0	48.847681	-86.956638	56388.80	56244.1	5.89	56394.69	56393.31250	56395.20870	56394.01953	503181.3	5410524.4
L3180	503181.3	5410524.4	38862.19922	297.35	0	48.847681	-86.956638	56389.69	56244.1	5.89	56395.58	56394.20703	56396.30020	56395.11719	503181.3	5410524.4
L3180	503181.2	5410526.1	38862.30078	296.69	0	48.847697	-86.956638	56390.23	56244.1	5.89	56396.12	56394.75391	56396.22413	56395.04688	503181.2	5410526.1
L3180	503181.2	5410527.9	38862.39844	294.67	0	48.847713	-86.956639	56390.84	56244.1	5.89	56396.73	56395.37109	56396.88942	56395.71875	503181.2	5410527.9
L3180	503181.2	5410527.9	38862.50000	298.39	0	48.847713	-86.956639	56391.53	56244.1	5.90	56397.42	56396.06641	56397.42000	56396.25391	503181.2	5410527.9
L3180	503181.2	5410527.9	38862.60156	298.89	0	48.847713	-86.956639	56392.50	56244.1	5.90	56398.39	56397.03906	56398.39000	56397.23047	503181.2	5410527.9
L3180	503181.2	5410529.9	38862.69922	296.64	0	48.847731	-86.956639	56393.26	56244.1	5.90	56399.16	56397.81641	56399.05815	56397.90234	503181.2	5410529.9
L3180	503181.1	5410531.3	38862.80078	293.75	0	48.847744	-86.956640	56394.23	56244.1	5.90	56400.13	56398.79297	56399.96502	56398.81641	503181.1	5410531.3
L3180	503181.1	5410534.2	38862.89844	294.75	0	48.847770	-86.956641	56394.54	56244.1	5.90	56400.44	56399.10938	56400.33488	56399.19141	503181.1	5410534.2
L3180	503181.1	5410534.2	38863.00000	296.81	0	48.847770	-86.956641	56395.71	56244.1	5.90	56401.61	56400.28516	56401.46780	56400.32813	503181.1	5410534.2
L3180	503181.0	5410536.0	38863.10156	298.13	0	48.847786	-86.956641	56396.64	56244.1	5.90	56402.54	56401.21875	56402.54000	56401.40625	503181.0	5410536.0
L3180	503181.0	5410536.0	38863.19922	298.49	0	48.847786	-86.956641	56397.22	56244.1	5.90	56403.12	56401.80469	56403.12000	56401.99219	503181.0	5410536.0
L3180	503181.0	5410537.5	38863.30078	299.21	0	48.847799	-86.956642	56397.98	56244.1	5.91	56403.89	56402.58203	56403.89000	56402.76953	503181.0	5410537.5
L3180	503180.9	5410539.4	38863.39844	298.49	0	48.847817	-86.956643	56398.60	56244.1	5.91	56404.51	56403.20703	56404.15239	56403.03906	503180.9	5410539.4
L3180	503180.9	5410539.4	38863.50000	297.78	0	48.847817	-86.956643	56399.77	56244.1	5.91	56405.68	56404.38281	56407.31770	56406.21094	503180.9	5410539.4
L3180	503180.9	5410541.1	38863.60156	295.54	0	48.847832	-86.956643	56400.18	56244.1	5.91	56406.09	56404.79688	56404.82888	56403.72656	503180.9	5410541.1
L3180	503180.9	5410542.6	38863.69922	295.85	0	48.847845	-86.956643	56401.23	56244.1	5.91	56407.14	56405.85547	56410.34925	56409.25391	503180.9	5410542.6
L3180	503180.9	5410542.6	38863.80078	301.38	0	48.847845	-86.956643	56401.56	56244.1	5.92	56407.47	56406.19141	56405.69073	56404.60156	503180.9	5410542.6
L3180	503180.8	5410544.1	38863.89844	298.42	0	48.847859	-86.956644	56402.56	56244.1	5.92	56408.47	56407.19531	56411.36931	56410.28906	503180.8	5410544.1
L3180	503180.8	5410546.1	38864.00000	297.44	0	48.847877	-86.956644	56403.32	56244.1	5.92	56409.24	56407.97266	56409.87328	56408.79688	503180.8	5410546.1
L3180	503180.8	5410546.1	38864.10156	296.32	0	48.847877	-86.956644	56404.08	56244.1	5.92	56410.00	56408.73828	56412.10989	56411.03906	503180.8	5410546.1
L3180	503180.8	5410547.5	38864.19922	300.37	0	48.847890	-86.956644	56404.70	56244.1	5.92	56410.62	56409.36328	56413.30809	56412.24609	503180.8	5410547.5
L3180	503180.8	5410549.4	38864.30078	302.32	0	48.847906	-86.956644	56405.26	56244.1	5.93	56411.18	56409.92969	56409.49972	56408.44531	503180.8	5410549.4
L3180	503180.8	5410549.4	38864.39844	303.33	0	48.847906	-86.956644	56406.36	56244.1	5.93	56412.28	56411.03516	56415.58915	56414.53906	503180.8	5410549.4
L3180	503180.8	5410550.7	38864.50000	303.63	0	48.847919	-86.956644	56406.96	56244.1	5.93	56412.89	56411.64844	56415.80571	56414.76563	503180.8	5410550.7
L3180	503180.8	5410552.7	38864.60156	303.27	0	48.847936	-86.956644	56407.89	56244.1	5.93	56413.82	56412.58594	56418.49902	56417.46484	503180.8	5410552.7
L3180	503180.8	5410553.9	38864.69922	302.89	0	48.847947	-86.956644	56408.27	56244.1	5.93	56414.20	56412.96875	56416.86412	56415.83594	503180.8	5410553.9
L3180	503180.8	5410555.2	38864.80078	300.98	0	48.847958	-86.956644	56408.88	56244.1	5.94	56414.82	56413.59766	56417.13137	56416.10938	503180.8	5410555.2
L3180	503180.8	5410555.2	38864.89844	301.53	0	48.847958	-86.956644	56409.39	56244.1	5.94	56415.33	56414.11328	56416.49803	56415.48438	503180.8	5410555.2
L3180	503180.8	5410556.9	38865.00000	303.38	0	48.847974	-86.956643	56410.21	56244.1	5.94	56416.15	56414.93750	56418.56585	56417.55859	503180.8	5410556.9
L3180	503180.9	5410558.7	38865.10156	302.75	0	48.847990	-86.956643	56410.82	56244.1	5.94	56416.76	56415.55078	56418.91324	56417.91406	503180.9	5410558.7
L3180	503180.9	5410559.8	38865.19922	301.51	0	48.848000	-86.956643	56411.66	56244.1	5.94	56417.60	56416.39844	56421.26785	56420.27734	503180.9	5410559.8
L3180	503180.9	5410559.8	38865.30078	298.82	0	48.848000	-86.956643	56412.38	56244.1	5.94	56418.32	56417.12500	56422.62472	56421.64063	503180.9	5410559.8
L3180	503180.9	5410561.8	38865.39844	297.12	0	48.848018	-86.956643	56412.81	56244.1	5.94	56418.75	56417.55859	56421.69502	56420.71875	503180.9	5410561.8
L3180	503180.9	5410563.3	38865.50000	301.14	0	48.848032	-86.956643	56413.48	56244.1	5.93	56419.41	56418.22656	56422.65809	56421.68750	503180.9	5410563.3
L3180	503180.9	5410563.3	38865.60156	297.61	0	48.848032	-86.956643	56413.81	56244.1	5.93	56419.74	56418.56250	56421.29461	56420.33203	503180.9	5410563.3
L3180	503180.9	5410565.4	38865.69922	299.74	0	48.848050	-86.956642	56414.63	56244.1	5.93	56420.56	56419.38672	56427.41280	56426.45703	503180.9	5410565.4
L3180	503181.0	5410566.7	38865.80078	303.01	0	48.848062	-86.956642	56414.83	56244.1	5.93	56420.76	56419.59375	56418.70961	56417.76172	503181.0	5410566.7
L3180	503181.0	5410566.7	38865.89844	300.59	0	48.848062	-86.956642	56415.54	56244.1	5.93	56421.47	56420.30859	56425.13200	56424.19141	503181.0	5410566.7
L3180	503181.0	5410568.5	38866.00000	297.07	0	48.848078	-86.956641	56416.00	56244.1	5.93	56421.93	56420.77344	56421.76629	56420.83594	503181.0	5410568.5
L3180	503181.0	5410570.0	38866.10156	294.38	0	48.848092	-86.956641	56416.77	56244.1	5.93	56422.69	56421.53906	56424.13678	56423.21094	503181.0	5410570.0
L3180	503181.1	5410571.6	38866.19922	296.61	0	48.848106	-86.956640	56417.41	56244.1	5.93	56423.33	56422.18359	56424.74772	56423.83203	503181.1	5410571.6
L3180	503181.1	5410571.6	38866.30078	297.74	0	48.848106	-86.956640	56417.84	56244.1	5.92	56423.76	56422.62109	56423.67962	56422.76953	503181.1	5410571.6
L3180	503181.1	5410573.4	38866.39844	300.40	0	48.848122	-86.956640	56418.43	56244.1	5.92	56424.35	56423.21484	56425.57339	56424.67188	503181.1	5410573.4
L3180	503181.1	5410574.9	38866.50000	298.57	0	48.848136	-86.956639	56418.20	56244.1	5.92	56424.12	56422.99219	56423.92370	56423.03125	503181.1	5410574.9
L3180	503181.1	5410574.9	38866.60156	297.66	0	48.848136	-86.956639	56418.71	56244.1	5.92	56424.63	56423.50781	56424.63000	56423.74219	503181.1	5410574.9
L3180	503181.2	5410577.0	38866.69922	296.61	0	48.848155	-86.956639	56419.17	56244.1	5.92	56425.08	56423.96094	56424.86310	56423.98438	503181.2	5410577.0
L3180	503181.2	5410578.7	38866.80078	295.94	0	48.848170	-86.956639	56420.09	56244.1	5.91	56426.00	56424.88672	56425.47961	56424.60938	503181.2	5410578.7
L3180	503181.2	5410580.2	38866.89844	296.38	0	48.848184	-86.956639	56420.37	56244.1	5.91	56426.28	56425.17578	56425.66947	56424.80859	503181.2	5410580.2
L3180	503181.2	5410580.2	38867.00000	296.64	0	48.848184	-86.956639	56420.75	56244.1	5.91	56426.66	56425.55859	56425.91826	56425.06250	503181.2	5410580.2
L3180	503181.2	5410582.0	38867.10156	297.70	0	48.848200	-86.956639	56421.18	56244.1	5.91	56427.09	56425.99609	56426.19383	56425.34766	503181.2	5410582.0
L3180	503181.2	5410584.0	38867.19922	299.32	0	48.848218	-86.956638	56421.57	56244.1	5.91	56427.47	56426.38281	56426.50226	56425.66406	503181.2	5410584.0

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L3180	503181.2	5410584.0	38867.30078	296.35	0	48.848218	-86.956638	56422.36	56244.1	5.91	56428.27	56427.18750	56426.76611	56425.93359	503181.2	5410584.0
L3180	503181.2	5410584.0	38867.39844	295.94	0	48.848218	-86.956638	56422.43	56244.1	5.91	56428.34	56427.26172	56427.13562	56426.31250	503181.2	5410584.0
L3180	503181.2	5410586.3	38867.50000	297.01	0	48.848238	-86.956638	56423.27	56244.1	5.90	56429.18	56428.10938	56427.24316	56426.42578	503181.2	5410586.3
L3180	503181.2	5410588.0	38867.60156	290.75	0	48.848254	-86.956638	56423.51	56244.1	5.90	56429.41	56428.34375	56427.50161	56426.69141	503181.2	5410588.0
L3180	503181.2	5410588.0	38867.69922	291.17	0	48.848254	-86.956638	56423.73	56244.1	5.90	56429.64	56428.58203	56427.61856	56426.81641	503181.2	5410588.0
L3180	503181.2	5410589.9	38867.80078	297.98	0	48.848271	-86.956638	56423.66	56244.1	5.90	56429.56	56428.50781	56427.89942	56427.10547	503181.2	5410589.9
L3180	503181.2	5410591.3	38867.89844	297.67	0	48.848283	-86.956638	56423.64	56244.1	5.90	56429.54	56428.49219	56427.82701	56427.04297	503181.2	5410591.3
L3180	503181.2	5410591.3	38868.00000	291.12	0	48.848283	-86.956638	56424.07	56244.1	5.90	56429.97	56428.92969	56428.15083	56427.37109	503181.2	5410591.3
L3180	503181.3	5410593.1	38868.10156	291.11	0	48.848300	-86.956638	56424.96	56244.1	5.90	56430.86	56429.82422	56428.80183	56428.03125	503181.3	5410593.1
L3180	503181.3	5410595.1	38868.19922	297.49	0	48.848318	-86.956637	56425.24	56244.1	5.90	56431.14	56430.10938	56429.02524	56428.26172	503181.3	5410595.1
L3180	503181.3	5410596.6	38868.30078	296.96	0	48.848331	-86.956637	56425.34	56244.1	5.90	56431.24	56430.21484	56429.13398	56428.37891	503181.3	5410596.6
L3180	503181.3	5410596.6	38868.39844	293.43	0	48.848331	-86.956637	56425.90	56244.1	5.90	56431.80	56430.78125	56429.56162	56428.81250	503181.3	5410596.6
L3180	503181.3	5410598.6	38868.50000	294.02	0	48.848349	-86.956637	56426.16	56244.1	5.90	56432.06	56431.04688	56429.79173	56429.05078	503181.3	5410598.6
L3180	503181.4	5410600.6	38868.60156	293.94	0	48.848367	-86.956636	56426.92	56244.1	5.90	56432.82	56431.81250	56430.35630	56429.62500	503181.4	5410600.6
L3180	503181.4	5410600.6	38868.69922	295.50	0	48.848367	-86.956636	56426.95	56244.1	5.90	56432.85	56431.84766	56430.44475	56429.71875	503181.4	5410600.6
L3180	503181.4	5410602.0	38868.80078	295.06	0	48.848380	-86.956636	56426.92	56244.1	5.90	56432.82	56431.82422	56430.50097	56429.78125	503181.4	5410602.0
L3180	503181.4	5410602.0	38868.89844	295.25	0	48.848380	-86.956636	56427.16	56244.1	5.90	56433.06	56432.07031	56430.73688	56430.02734	503181.4	5410602.0
L3180	503181.4	5410605.0	38869.00000	294.69	0	48.848407	-86.956635	56427.36	56244.1	5.90	56433.26	56432.27734	56430.94916	56430.24609	503181.4	5410605.0
L3180	503181.4	5410605.0	38869.10156	295.46	0	48.848407	-86.956635	56427.77	56244.1	5.90	56433.67	56432.69141	56431.29883	56430.60156	503181.4	5410605.0
L3180	503181.5	5410606.8	38869.19922	293.83	0	48.848423	-86.956634	56427.38	56244.1	5.90	56433.28	56432.30859	56431.13957	56430.44922	503181.5	5410606.8
L3180	503181.5	5410606.8	38869.30078	293.01	0	48.848423	-86.956634	56428.18	56244.1	5.90	56434.08	56433.11328	56431.74751	56431.06641	503181.5	5410606.8
L3180	503181.5	5410608.5	38869.39844	297.35	0	48.848438	-86.956634	56427.92	56244.1	5.90	56433.82	56432.85938	56431.67747	56431.00000	503181.5	5410608.5
L3180	503181.6	5410610.3	38869.50000	299.67	0	48.848454	-86.956633	56428.56	56244.1	5.90	56434.46	56433.50391	56432.18915	56431.51953	503181.6	5410610.3
L3180	503181.6	5410611.6	38869.60156	294.41	0	48.848466	-86.956633	56428.36	56244.1	5.90	56434.26	56433.31250	56432.15823	56431.49609	503181.6	5410611.6
L3180	503181.6	5410611.6	38869.69922	293.93	0	48.848466	-86.956633	56428.43	56244.1	5.90	56434.33	56433.38672	56432.30052	56431.64453	503181.6	5410611.6
L3180	503181.7	5410613.6	38869.80078	298.35	0	48.848484	-86.956632	56428.71	56244.1	5.90	56434.61	56433.67188	56432.57777	56431.92969	503181.7	5410613.6
L3180	503181.7	5410615.0	38869.89844	296.72	0	48.848497	-86.956632	56428.71	56244.1	5.90	56434.61	56433.67969	56432.66609	56432.02344	503181.7	5410615.0
L3180	503181.7	5410615.0	38870.00000	295.50	0	48.848497	-86.956632	56428.91	56244.1	5.90	56434.81	56433.88281	56432.87937	56432.24219	503181.7	5410615.0
L3180	503181.7	5410616.8	38870.10156	295.32	0	48.848512	-86.956631	56428.99	56244.1	5.90	56434.89	56433.96875	56433.00505	56432.37500	503181.7	5410616.8
L3180	503181.7	5410616.8	38870.19922	294.77	0	48.848512	-86.956631	56429.09	56244.1	5.89	56434.99	56434.07422	56433.13471	56432.51172	503181.7	5410616.8
L3180	503181.8	5410620.5	38870.30078	295.04	0	48.848546	-86.956630	56429.14	56244.1	5.89	56435.03	56434.12109	56433.21609	56432.59766	503181.8	5410620.5
L3180	503181.8	5410620.5	38870.39844	295.15	0	48.848546	-86.956630	56429.35	56244.1	5.88	56435.23	56434.32813	56433.39703	56432.78516	503181.8	5410620.5
L3180	503181.8	5410622.5	38870.50000	295.54	0	48.848564	-86.956629	56428.99	56244.1	5.88	56434.87	56433.97266	56433.19993	56432.59375	503181.8	5410622.5
L3180	503181.8	5410622.5	38870.60156	292.86	0	48.848564	-86.956629	56429.63	56244.1	5.88	56435.51	56434.61719	56433.66087	56433.05859	503181.8	5410622.5
L3180	503181.9	5410623.9	38870.69922	293.09	0	48.848577	-86.956629	56429.38	56244.1	5.87	56435.25	56434.36328	56433.52107	56432.92578	503181.9	5410623.9
L3180	503181.9	5410623.9	38870.80078	294.59	0	48.848577	-86.956629	56429.43	56244.1	5.87	56435.29	56434.41016	56433.57462	56432.98438	503181.9	5410623.9
L3180	503181.9	5410626.0	38870.89844	296.83	0	48.848595	-86.956629	56429.58	56244.1	5.86	56435.44	56434.56641	56433.69523	56433.10938	503181.9	5410626.0
L3180	503181.9	5410627.3	38871.00000	299.77	0	48.848608	-86.956629	56429.61	56244.1	5.86	56435.47	56434.60156	56433.73487	56433.15625	503181.9	5410627.3
L3180	503181.9	5410629.1	38871.10156	299.80	0	48.848623	-86.956628	56429.43	56244.1	5.86	56435.28	56434.41797	56433.63324	56433.05859	503181.9	5410629.1
L3180	503181.9	5410629.1	38871.19922	299.91	0	48.848623	-86.956628	56429.63	56244.1	5.86	56435.49	56434.63281	56433.78716	56433.21875	503181.9	5410629.1
L3180	503181.9	5410630.9	38871.30078	300.02	0	48.848640	-86.956628	56429.76	56244.1	5.85	56435.61	56434.75781	56433.88275	56433.32031	503181.9	5410630.9
L3180	503181.9	5410630.9	38871.39844	300.91	0	48.848640	-86.956628	56429.86	56244.1	5.85	56435.71	56434.86328	56433.96478	56433.40625	503181.9	5410630.9
L3180	503181.9	5410632.9	38871.50000	295.26	0	48.848658	-86.956628	56430.24	56244.2	5.85	56436.09	56435.25000	56434.22005	56433.66406	503181.9	5410632.9
L3180	503181.9	5410634.2	38871.60156	293.69	0	48.848670	-86.956628	56429.73	56244.2	5.85	56435.58	56434.74219	56433.92259	56433.37109	503181.9	5410634.2
L3180	503181.9	5410634.2	38871.69922	292.36	0	48.848670	-86.956628	56430.39	56244.2	5.85	56436.24	56435.41016	56434.34643	56433.80078	503181.9	5410634.2
L3180	503181.9	5410636.0	38871.80078	293.03	0	48.848686	-86.956628	56429.89	56244.2	5.84	56435.73	56434.90234	56434.05020	56433.50781	503181.9	5410636.0
L3180	503181.9	5410637.8	38871.89844	291.67	0	48.848702	-86.956628	56429.96	56244.2	5.84	56435.80	56434.98047	56434.10886	56433.57031	503181.9	5410637.8
L3180	503181.9	5410639.9	38872.00000	292.10	0	48.848721	-86.956628	56429.96	56244.2	5.84	56435.80	56434.98438	56434.12390	56433.58984	503181.9	5410639.9
L3180	503181.9	5410639.9	38872.10156	292.47	0	48.848721	-86.956628	56429.78	56244.2	5.84	56435.62	56434.80859	56434.02971	56433.50000	503181.9	5410639.9
L3180	503181.9	5410641.5	38872.19922	294.30	0	48.848735	-86.956628	56429.61	56244.2	5.84	56435.45	56434.64453	56433.94176	56433.41797	503181.9	5410641.5
L3180	503181.9	5410642.9	38872.30078	294.46	0	48.848748	-86.956628	56429.96	56244.2	5.84	56435.80	56435.00000	56434.16697	56433.64453	503181.9	5410642.9
L3180	503181.9	5410642.9	38872.39844	294.63	0	48.848748	-86.956628	56429.84	56244.2	5.84	56435.68	56434.88281	56434.10805	56433.58984	503181.9	5410642.9
L3180	503181.9	5410644.5	38872.50000	293.67	0	48.848762	-86.956628	56429.76	56244.2	5.85	56435.60	56434.80859	56434.07189	56433.55859	503181.9	5410644.5
L3180	503181.9	5410644.5	38872.60156	292.65	0	48.848762	-86.956628	56429.78	56244.2	5.85	56435.63	56434.84375	56434.10068	56433.58984	503181.9	5410644.5
L3180	503182.0	5410646.0	38872.69922	294.51	0	48.848775	-86.956628	56429.45	56244.2	5.85	56435.30	56434.51953	56433.91129	56433.40234	503182.0	5410646.0
L3180	503182.0	5410647.4	38872.80078	295.90	0	48.848788	-86.956628	56429.58	56244.2	5.85	56435.43	56434.65234	56433.99769	56433.49219	503182.0	5410647.4
L3180	503182.0	5410648.7	38872.89844	297.28	0	48.848800	-86.956628	56429.09	56244.2	5.85	56434.94	56434.16797	56433.70729	56433.20313	503182.0	5410648.7
L3180	503182.0	5410648.7	38873.00000	299.50	0	48.848800	-86.956628	56429.45	56244.2	5.85	56435.30	56434.53125	56433.92909	56433.42969	503182.0	5410648.7
L3180	503182.0	5410650.3	38873.10156	298.84	0	48.848814	-86.956627	56429.14	56244.2	5.85	56434.99	56434.22656	56433.74196	56433.24219	503182.0	5410650.3
L3180	503182.0	5410651.9	38873.19922	295.38	0	48.848829	-86.956627	56428.99	56244.2	5.84	56434.83	56434.07031	56433.64243	56433.14844	503182.0	5410651.9
L3180	503182.0	5410653.3	38873.30078	293.16	0	48.848841	-86.956627	56429.17	56244.2	5.84	56435.01	56434.25391	56433.74701	56433.25391	503182.0	5410653.3
L3180	503182.0	5410653.3	38873.39844	292.49	0	48.848841	-86.956627	56429.04	56244.2	5.83	56434.88	56434.12891	56433.66003	56433.16797	503182.0	5410653.3
L3180	503182.0	5410655.1	38873.50000	292.90	0	48.848857	-86.956627	56428.64	56244.2	5.83	56434.47	56433.72266	56433.39966	56432.91016	503182.0	5410655.1
L3180	503182.0	5410656.6	38873.60156	294.04	0	48.848871	-86.956627	56428.94	56244.2	5.83	56434.76	56434.01563	56433.56629	56433.07813	503182.0	5410656.6
L3180	503182.0	5410658.1	38873.69922	293.58	0	48.848884	-86.956627	56428.51	56244.2	5.82	56434.33	56433.58984	56433.29071	56432.80469	503182.0	5410658.1
L3180	503182.0	5410658.1	38873.80078	295.43	0	48.848884	-86.956627	56428.05	56244.2	5.82	56433.86	56433.12500	56432.98747	56432.50391	503182.0	5410658.1
L3180	503182.0	5410660.2	38873.89844	293.59	0	48.848903	-86.956627	56428.18	56244.2	5.81	56433.99	56433.25781	56433.05361	56432.57031	503182.0	5410660.2
L3180	503182.0	5410661.9	38874.00000	295.39	0	48.848918	-86.956627	56428.02	56244.2	5.81	56433.83	56433.10156	56432.93862	56432.45703	503182.0	5410661.9
L3180	503182.0	5410661.9	38874.10156	294.51	0	48.848918	-86.956627	56427.84	56244.2	5.81	56433.66	56432.93359	56432.81564	56432.33594	503182.0	5410661.9
L3180	503182.0	5410664.1	38874.19922	295.13	0	48.848938	-86.956627	56427.41	56244.2	5.81	56433.22	56432.50000	56432.51940	56432.03906	503182.0	5410664.1
L3180	503182.0	5410665.8	38874.30078	294.08	0	48.848954	-86.956627	56427.28	56244.2	5.82	56433.10	56432.38281	56432.42261	56431.94531	503182.0	5410665.8
L3180	503182.0	5410665.8	38874.39844	292.93	0	48.848954	-86.956627	56427.03	56244.2	5.82	56432.85	56432.13281	56432.24012	56431.76172	503182.0	5410665.8
L3180	503182.0	5410667.4	38874.50000	293.47	0	48.848968	-86.956627	56426.97	56244.2	5.82	56432.79	56432.07813	56432.17732	56431.69922	503182.0	5410667.4
L3180	503182.0	5410669.1	38874.60156	295.06	0	48.848984	-86.956627	56426.82	56244.2	5.82	56432.65	56431.94141	56432.06079	56431.58203	503182.0	5410669.1
L3180	503182.0	5410670.6	38874.69922	298.64	0	48.848997	-86.956627	56426.34	56244.2	5.82	56432.16	56431.45313	56431.71293	56431.23438	503182.0	5410670.6
L3180	503182.0	5410670.6	38874.80078	296.13	0	48.848997	-86.956627	56426.16	56244.2	5.83	56431.99	56431.28516	56431.57052	56431.09375	503182.0	5410670.6
L3180	503182.0	5410672.7	38874.89844	296.43	0	48.849015	-86.956627	56426.06	56244.2	5.83	56431.89	56431.19141	56431.47133	56430.99219	503182.0	5410672.7
L3180	503182.0	5410672.7	38875.00000	295.30	0	48.849015	-86.956627	56425.83	56244.2	5.83	56431.66	56430.96094	56431.28396	56430.80469	503182.0	5410672.7
L3180	503181.9	5410674.9	38875.10156	293.75	0	48.849036	-86.956628	56425.52	56244.2	5.83	56431.35	56430.65625	56431.04170	56430.56250	503181.9	5410674.9
L3180	503181.9	5410676.5	38875.19922	294.81	0	48.849050	-86.956628	56425.52	56244.2	5.83	56431.35	56430.65625	56431.00063	56430.52344	503181.9	5410676.5
L3180	503181.9	5410677.6	38875.30078	295.39	0	48.849060	-86.956628	56425.34	56244.2	5.83	56431.17	56430.48047	56430.83912	56430.35938	503181.9	5410677.6
L3180	503181.9	5410679.2	38875.39844	296.51	0	48.849075	-86.956628	56425.16	56244.2	5.83	56430.99	56430.30078	56430.67560	56430.19531	503181.9	5410679.2
L3180	503181.9	5410679.2	38875.50000	298.22	0	48.849075	-86.956628	56424.83	56244.2	5.82	56430.66	56429.97266	56430.41361	56429.93359	503181.9	5410679.2
L3180	503181.9	5410680.9	38875.60156	298.89	0	48.849090	-86.956628	56424.50	56244.2	5.82	56430.32	56429.63672	56430.14510	56429.66406	503181.9	5410680.9
L3180	503181.9	5410682.3	38875.69922	296.68	0	48.849102	-86.956628	56424.20	56244.2	5.82	56430.02	56429.33984	56429.90235	56429.42188	503181.9	5410682.3
L3180	503181.9	5410682.3	38875.80078	294.62	0	48.849102	-86.956628	56423.66	56244.2	5.82	56429.48	56428.80078	56429.50867	56429.02344	503181.9	5410682.3
L3180	503181.9	5410684.1	38875.89844	293.90	0	48.849118	-86.956629	56423.66	56244.2	5.82	56429.48	56428.80078	56429.45537	56428.97266	503181.9	5410684.1
L3180	503181.8	5410685.8	38876.00000	294.36	0	48.849133	-86.956629	56422.89	56244.2	5.82	56428.71	56428.03516	56428.92201	56428.43750	503181.8	5410685.8
L3180	503181.8	5410685.8	38876.10156	292.97	0	48.849133	-86.956629	56423.15	56244.2	5.82	56428.97	56428.29688	56429.02810	56428.53906	503181.8	5410685.8
L3180	503181.8	5410687.9	38876.19922	292.64	0	48.849152	-86.956629	56422.43	56244.2	5.82	56428.25	56427.57813	56428.53041	56428.04297	503181.8	5410687.9
L3180	503181.8	5410689.4	38876.30078	293.06	0	48.849165	-86.956630	56422.82	56244.2	5.82	56428.64	56427.96875	56428.71148	56428.21875	503181.8	5410689.4
L3180	503181.8	5410690.9	38876.39844	292.08	0	48.849179	-86.956630	56421.82	56244.2	5.82	56427.64	56426.96875	56428.04716	56427.55469	503181.8	5410690.9
L3180	503181.8	5410690.9	38876.50000	293.49	0	48.849179	-86.956630	56421.74	56244.2	5.82	56427.56	56426.89063	56427.94079	56427.44531	503181.8	5410690.9

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L3180	503181.7	5410693.0	38876.60156	296.00	0	48.849199	-86.956630	56421.23	56244.2	5.82	56427.05	56426.38281	56427.57339	56427.07813	503181.7	5410693.0
L3180	503181.7	5410693.0	38876.69922	294.41	0	48.849199	-86.956630	56421.03	56244.2	5.82	56426.85	56426.18359	56427.39087	56426.89063	503181.7	5410693.0
L3180	503181.7	5410695.0	38876.80078	295.28	0	48.849216	-86.956631	56421.03	56244.2	5.82	56426.85	56426.18359	56427.32799	56426.82813	503181.7	5410695.0
L3180	503181.7	5410696.4	38876.89844	295.87	0	48.849229	-86.956631	56420.44	56244.2	5.82	56426.26	56425.59375	56426.90293	56426.39844	503181.7	5410696.4
L3180	503181.7	5410696.4	38877.00000	295.30	0	48.849229	-86.956631	56420.16	56244.2	5.82	56425.98	56425.31641	56426.66335	56426.15625	503181.7	5410696.4
L3180	503181.7	5410698.1	38877.10156	293.28	0	48.849244	-86.956631	56419.81	56244.2	5.82	56425.63	56424.96484	56426.37639	56425.86719	503181.7	5410698.1
L3180	503181.7	5410699.7	38877.19922	293.56	0	48.849258	-86.956631	56419.68	56244.2	5.83	56425.51	56424.84766	56426.23074	56425.71875	503181.7	5410699.7
L3180	503181.7	5410699.7	38877.30078	293.62	0	48.849258	-86.956631	56419.47	56244.2	5.83	56425.31	56424.64453	56426.03252	56425.51953	503181.7	5410699.7
L3180	503181.7	5410702.0	38877.39844	295.16	0	48.849279	-86.956631	56419.52	56244.2	5.84	56425.36	56424.69531	56425.99574	56425.47656	503181.7	5410702.0
L3180	503181.7	5410703.5	38877.50000	296.72	0	48.849293	-86.956631	56418.76	56244.2	5.84	56424.60	56423.93750	56425.42124	56424.90234	503181.7	5410703.5
L3180	503181.7	5410703.5	38877.60156	297.16	0	48.849293	-86.956631	56418.86	56244.2	5.84	56424.70	56424.03516	56425.41443	56424.89063	503181.7	5410703.5
L3180	503181.7	5410705.0	38877.69922	294.48	0	48.849306	-86.956631	56418.45	56244.2	5.85	56424.30	56423.63672	56425.06567	56424.53906	503181.7	5410705.0
L3180	503181.7	5410706.2	38877.80078	293.44	0	48.849317	-86.956631	56418.32	56244.1	5.85	56424.18	56423.51563	56424.90590	56424.37500	503181.7	5410706.2
L3180	503181.7	5410707.7	38877.89844	295.80	0	48.849330	-86.956631	56417.79	56244.1	5.86	56423.64	56422.97656	56424.44293	56423.91016	503181.7	5410707.7
L3180	503181.7	5410707.7	38878.00000	294.59	0	48.849330	-86.956631	56417.66	56244.1	5.86	56423.52	56422.85547	56424.05906	56423.52344	503181.7	5410707.7
L3180	503181.7	5410709.2	38878.10156	293.99	0	48.849344	-86.956630	56416.92	56244.1	5.86	56422.78	56422.11719	56424.05077	56423.51172	503181.7	5410709.2
L3180	503181.7	5410709.2	38878.19922	293.24	0	48.849344	-86.956630	56416.89	56244.1	5.86	56422.75	56422.08594	56423.54431	56423.00000	503181.7	5410709.2
L3180	503181.8	5410711.3	38878.30078	293.90	0	48.849362	-86.956630	56416.48	56244.1	5.85	56422.34	56421.67578	56423.37844	56422.82813	503181.8	5410711.3
L3180	503181.8	5410713.0	38878.39844	295.66	0	48.849378	-86.956629	56416.26	56244.1	5.85	56422.11	56421.44531	56423.18192	56422.62891	503181.8	5410713.0
L3180	503181.8	5410715.0	38878.50000	298.07	0	48.849396	-86.956629	56416.48	56244.2	5.85	56422.33	56421.66406	56422.86457	56422.30859	503181.8	5410715.0
L3180	503181.8	5410715.0	38878.60156	298.48	0	48.849396	-86.956629	56416.44	56244.2	5.85	56422.29	56421.62109	56422.59438	56422.03516	503181.8	5410715.0
L3180	503181.9	5410716.6	38878.69922	297.46	0	48.849411	-86.956628	56415.72	56244.2	5.85	56421.56	56420.89063	56422.47995	56421.91406	503181.9	5410716.6
L3180	503181.9	5410718.3	38878.80078	297.45	0	48.849426	-86.956628	56415.36	56244.2	5.84	56421.21	56420.53906	56422.20552	56421.63672	503181.9	5410718.3
L3180	503181.9	5410718.3	38878.89844	295.88	0	48.849426	-86.956628	56415.21	56244.2	5.84	56421.06	56420.38672	56421.88405	56421.31250	503181.9	5410718.3
L3180	503182.0	5410720.2	38879.00000	294.64	0	48.849443	-86.956627	56414.60	56244.2	5.84	56420.44	56419.76563	56421.85156	56421.27344	503182.0	5410720.2
L3180	503182.0	5410722.0	38879.10156	296.11	0	48.849459	-86.956626	56414.57	56244.2	5.84	56420.42	56419.74609	56421.57683	56420.99609	503182.0	5410722.0
L3180	503182.0	5410722.0	38879.19922	298.16	0	48.849459	-86.956626	56414.29	56244.2	5.84	56420.14	56419.46484	56421.56228	56420.97656	503182.0	5410722.0
L3180	503182.0	5410723.7	38879.30078	298.21	0	48.849474	-86.956626	56414.24	56244.2	5.85	56420.08	56419.40234	56421.43679	56420.84375	503182.0	5410723.7
L3180	503182.1	5410725.4	38879.39844	297.18	0	48.849490	-86.956625	56413.93	56244.2	5.85	56419.78	56419.10156	56421.34055	56420.74609	503182.1	5410725.4
L3180	503182.1	5410725.4	38879.50000	295.23	0	48.849490	-86.956625	56413.86	56244.2	5.85	56419.71	56419.02734	56421.43507	56420.83594	503182.1	5410725.4
L3180	503182.1	5410727.2	38879.60156	294.61	0	48.849506	-86.956625	56413.07	56244.1	5.85	56418.92	56418.23828	56421.10129	56420.49609	503182.1	5410727.2
L3180	503182.2	5410729.1	38879.69922	295.39	0	48.849523	-86.956624	56413.42	56244.1	5.85	56419.28	56418.59375	56421.52357	56420.91406	503182.2	5410729.1
L3180	503182.2	5410729.1	38879.80078	295.30	0	48.849523	-86.956624	56413.25	56244.1	5.86	56419.10	56418.41406	56421.63671	56421.01953	503182.2	5410729.1
L3180	503182.2	5410730.5	38879.89844	294.77	0	48.849536	-86.956624	56413.32	56244.1	5.86	56419.18	56418.49219	56421.90867	56421.28906	503182.2	5410730.5
L3180	503182.2	5410732.2	38880.00000	293.95	0	48.849551	-86.956624	56413.17	56244.1	5.86	56419.03	56418.33984	56422.07671	56421.44922	503182.2	5410732.2
L3180	503182.2	5410732.2	38880.10156	291.69	0	48.849551	-86.956624	56412.79	56244.1	5.86	56418.65	56417.95703	56422.16779	56421.53516	503182.2	5410732.2
L3180	503182.2	5410733.6	38880.19922	289.06	0	48.849563	-86.956624	56413.04	56244.1	5.87	56418.91	56418.21484	56422.52840	56421.89063	503182.2	5410733.6
L3180	503182.2	5410733.6	38880.30078	288.71	0	48.849563	-86.956624	56412.73	56244.1	5.87	56418.60	56417.90234	56422.67532	56422.03125	503182.2	5410733.6
L3180	503182.2	5410737.0	38880.39844	288.50	0	48.849594	-86.956624	56412.61	56244.1	5.87	56418.48	56417.77734	56422.89114	56422.24219	503182.2	5410737.0
L3180	503182.2	5410738.5	38880.50000	290.55	0	48.849607	-86.956624	56412.25	56244.1	5.88	56418.13	56417.42578	56423.04206	56422.38672	503182.2	5410738.5
L3180	503182.2	5410738.5	38880.60156	290.93	0	48.849607	-86.956624	56412.43	56244.1	5.88	56418.30	56417.59375	56423.30552	56422.64453	503182.2	5410738.5
L3180	503182.2	5410739.8	38880.69922	290.73	0	48.849620	-86.956624	56412.51	56244.1	5.88	56418.39	56417.67969	56423.51535	56422.84766	503182.2	5410739.8
L3180	503182.2	5410739.8	38880.80078	290.08	0	48.849620	-86.956624	56412.27	56244.1	5.88	56418.16	56417.44531	56423.63135	56422.95703	503182.2	5410739.8
L3180	503182.2	5410741.9	38880.89844	288.40	0	48.849638	-86.956624	56412.66	56244.1	5.89	56418.55	56417.83594	56423.81375	56423.13281	503182.2	5410741.9
L3180	503182.2	5410743.0	38881.00000	289.72	0	48.849648	-86.956624	56412.30	56244.1	5.89	56418.19	56417.47266	56423.82980	56423.14453	503182.2	5410743.0
L3180	503182.2	5410744.6	38881.10156	289.93	0	48.849662	-86.956624	56412.33	56244.1	5.89	56418.22	56417.49609	56423.86192	56423.17188	503182.2	5410744.6
L3180	503182.2	5410746.0	38881.19922	289.85	0	48.849675	-86.956624	56411.99	56244.1	5.89	56417.88	56417.15625	56423.78090	56423.08203	503182.2	5410746.0
L3180	503182.2	5410746.0	38881.30078	288.29	0	48.849675	-86.956624	56412.18	56244.1	5.89	56418.07	56417.33984	56423.74098	56423.03516	503182.2	5410746.0
L3180	503182.2	5410748.1	38881.39844	287.43	0	48.849694	-86.956624	56412.30	56244.1	5.89	56418.20	56417.46875	56423.64913	56422.93750	503182.2	5410748.1
L3180	503182.2	5410749.8	38881.50000	287.67	0	48.849709	-86.956624	56411.92	56244.1	5.90	56417.81	56417.07422	56423.38755	56422.66797	503182.2	5410749.8
L3180	503182.2	5410749.8	38881.60156	291.02	0	48.849709	-86.956624	56412.38	56244.1	5.90	56418.28	56417.53906	56423.30771	56422.58203	503182.2	5410749.8
L3180	503182.1	5410751.5	38881.69922	291.03	0	48.849725	-86.956624	56412.18	56244.1	5.90	56418.07	56417.32813	56422.99520	56422.26172	503182.1	5410751.5
L3180	503182.1	5410753.4	38881.80078	293.25	0	48.849741	-86.956624	56412.13	56244.1	5.90	56418.02	56417.27344	56422.68679	56421.94531	503182.1	5410753.4
L3180	503182.1	5410754.8	38881.89844	294.51	0	48.849754	-86.956625	56412.27	56244.1	5.90	56418.17	56417.41797	56422.42620	56421.67578	503182.1	5410754.8
L3180	503182.1	5410754.8	38882.00000	297.32	0	48.849754	-86.956625	56412.71	56244.1	5.90	56418.61	56417.85547	56422.29515	56421.53906	503182.1	5410754.8
L3180	503182.1	5410756.7	38882.10156	296.41	0	48.849771	-86.956625	56412.15	56244.1	5.90	56418.05	56417.28906	56421.62893	56420.86328	503182.1	5410756.7
L3180	503182.1	5410758.2	38882.19922	296.48	0	48.849784	-86.956625	56412.84	56244.1	5.90	56418.74	56417.97656	56421.64518	56420.87109	503182.1	5410758.2
L3180	503182.1	5410759.7	38882.30078	295.61	0	48.849799	-86.956625	56412.84	56244.1	5.90	56418.74	56417.97266	56421.25790	56420.47656	503182.1	5410759.7
L3180	503182.1	5410759.7	38882.39844	294.21	0	48.849799	-86.956625	56413.20	56244.1	5.90	56419.09	56418.31641	56421.03471	56420.24609	503182.1	5410759.7
L3180	503182.1	5410761.5	38882.50000	299.52	0	48.849814	-86.956625	56413.32	56244.1	5.90	56419.22	56418.44141	56420.78392	56419.98438	503182.1	5410761.5
L3180	503182.1	5410761.5	38882.60156	295.17	0	48.849814	-86.956625	56413.17	56244.1	5.89	56419.07	56418.28906	56420.56442	56419.75781	503182.1	5410761.5
L3180	503182.0	5410763.0	38882.69922	296.32	0	48.849828	-86.956626	56413.88	56244.1	5.89	56419.78	56418.99219	56420.37896	56419.56250	503182.0	5410763.0
L3180	503182.1	5410764.8	38882.80078	297.53	0	48.849844	-86.956625	56413.50	56244.1	5.89	56419.39	56418.59766	56419.90850	56419.08203	503182.1	5410764.8
L3180	503182.1	5410766.5	38882.89844	296.63	0	48.849860	-86.956625	56414.02	56244.1	5.89	56419.91	56419.11328	56419.91000	56419.07422	503182.1	5410766.5
L3180	503182.1	5410766.5	38883.00000	302.25	0	48.849860	-86.956625	56413.56	56244.1	5.89	56419.45	56418.64844	56418.11963	56417.27734	503182.1	5410766.5
L3180	503182.1	5410768.0	38883.10156	302.36	0	48.849873	-86.956625	56414.16	56244.1	5.89	56420.05	56419.24609	56420.68204	56419.82813	503182.1	5410768.0
L3180	503182.1	5410769.9	38883.19922	303.81	0	48.849891	-86.956625	56414.24	56244.1	5.89	56420.13	56419.32031	56418.94217	56418.07813	503182.1	5410769.9
L3180	503182.1	5410769.9	38883.30078	302.66	0	48.849891	-86.956625	56414.32	56244.1	5.89	56420.21	56419.39453	56417.46878	56416.59766	503182.1	5410769.9
L3180	503182.1	5410771.6	38883.39844	299.73	0	48.849905	-86.956624	56414.91	56244.1	5.89	56420.80	56419.98047	56422.44631	56421.56250	503182.1	5410771.6
L3180	503182.1	5410773.2	38883.50000	299.30	0	48.849920	-86.956624	56414.78	56244.1	5.89	56420.67	56419.84375	56415.53400	56414.64063	503182.1	5410773.2
L3180	503182.2	5410774.8	38883.60156	299.88	0	48.849934	-86.956624	56415.34	56244.1	5.89	56421.23	56420.39844	56422.51918	56421.61719	503182.2	5410774.8
L3180	503182.2	5410774.8	38883.69922	299.93	0	48.849934	-86.956624	56415.29	56244.1	5.89	56421.18	56420.34375	56419.00463	56418.08984	503182.2	5410774.8
L3180	503182.2	5410776.8	38883.80078	299.02	0	48.849952	-86.956623	56415.16	56244.1	5.89	56421.05	56420.20703	56416.47214	56415.54688	503182.2	5410776.8
L3180	503182.2	5410776.8	38883.89844	297.83	0	48.849952	-86.956623	56415.59	56244.1	5.89	56421.48	56420.63281	56420.54237	56419.60938	503182.2	5410776.8
L3180	503182.2	5410778.3	38884.00000	295.75	0	48.849966	-86.956623	56415.77	56244.1	5.89	56421.66	56420.80469	56418.35096	56417.40625	503182.2	5410778.3
L3180	503182.2	5410780.0	38884.10156	296.96	0	48.849981	-86.956623	56415.88	56244.1	5.89	56421.76	56420.90234	56417.31830	56416.36328	503182.2	5410780.0
L3180	503182.3	5410781.7	38884.19922	299.34	0	48.849996	-86.956622	56416.08	56244.1	5.89	56421.96	56421.09375	56416.87220	56415.90625	503182.3	5410781.7
L3180	503182.3	5410781.7	38884.30078	299.44	0	48.849996	-86.956622	56416.62	56244.1	5.88	56422.50	56421.62891	56418.94508	56417.96484	503182.3	5410781.7
L3180	503182.3	5410783.4	38884.39844	302.05	0	48.850011	-86.956622	56417.25	56244.1	5.88	56423.14	56422.26172	56421.86248	56420.87109	503182.3	5410783.4
L3180	503182.3	5410783.4	38884.50000	301.20	0	48.850011	-86.956622	56417.31	56244.1	5.88	56423.19	56422.30469	56420.08978	56419.08594	503182.3	5410783.4
L3180	503182.3	5410785.5	38884.60156	299.98	0	48.850030	-86.956621	56417.61	56244.1	5.88	56423.49	56422.60156	56420.24708	56419.23438	503182.3	5410785.5
L3180	503182.3	5410786.6	38884.69922	299.46	0	48.850041	-86.956621	56418.27	56244.1	5.88	56424.15	56423.25391	56423.27023	56422.24609	503182.3	5410786.6
L3180	503182.4	5410788.7	38884.80078	297.98	0	48.850059	-86.956621	56418.30	56244.1	5.87	56424.17	56423.26953	56421.11831	56420.08203	503182.4	5410788.7
L3180	503182.4	5410788.7	38884.89844	298.83	0	48.850059	-86.956621	56418.56	56244.1	5.87	56424.43	56423.51953	56420.91284	56419.86328	503182.4	5410788.7
L3180	503182.4	5410790.1	38885.00000	300.10	0	48.850072	-86.956620	56419.24	56244.1	5.87	56425.11	56424.19531	56423.79908	56422.73828	503182.4	5410790.1
L3180	503182.5	5410792.3	38885.10156	301.03	0	48.850091	-86.956620	56419.04	56244.1	5.87	56424.91	56423.98828	56419.25176	56418.17578	503182.5	5410792.3
L3180	503182.5	5410792.3	38885.19922	301.08	0	48.850091	-86.956620	56419.27	56244.1	5.87	56425.13	56424.20313	56421.56940	56420.48438	503182.5	5410792.3
L3180	503182.5	5410793.9	38885.30078	301.07	0	48.850106	-86.956619	56420.01	56244.1	5.87	56425.88	56424.94531	56423.72109	56422.62109	503182.5	5410793.9
L3180	503182.5	5410795.5	38885.39844	301.28	0	48.850121	-86.956619	56420.72	56244.1	5.87	56426.59	56425.64844	56426.03449	56424.92188	503182.5	5410795.5
L3180	503182.5	5410797.5	38885.50000	300.91	0	48.850138	-86.956619	56421.08	56244.1	5.86	56426.94	56425.99219	56426.02290	56424.89844	503182.5	5410797.5
L3180	503182.5	5410797.5	38885.60156	300.35	0	48.850138	-86.956619	56421.28	56244.1	5.86	56427.15	56426.19531	56426.64755	56425.50781	503182.5	5410797.5
L3180	503182.5	5410798.7	38885.69922	299.37	0	48.850150	-86.956619	56421.80	56244.1	5.86	56427.66	56426.69531	56427.88737	56426.73438	503182.5	5410798.7
L3180	503182.5	5410800.2	38885.80078	298.64	0	48.850163	-86.956619	56422.43	56244.1	5.86	56428.30	56427.32813	56429.12942	56427.96484	503182.5	5410800.2

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L3180	503182.5	5410800.2	38885.89844	293.25	0	48.850163	-86.956619	56422.74	56244.1	5.86	56428.60	56427.62109	56430.28767	56429.10938	503182.5	5410800.2
L3180	503182.4	5410802.5	38886.00000	293.44	0	48.850183	-86.956620	56423.36	56244.1	5.86	56429.22	56428.23438	56431.48046	56430.28906	503182.4	5410802.5
L3180	503182.4	5410804.2	38886.10156	295.01	0	48.850199	-86.956621	56423.61	56244.1	5.86	56429.47	56428.47656	56432.47962	56431.27344	503182.4	5410804.2
L3180	503182.4	5410804.2	38886.19922	295.70	0	48.850199	-86.956621	56424.70	56244.1	5.86	56430.56	56429.55859	56434.11330	56432.89453	503182.4	5410804.2
L3180	503182.3	5410805.7	38886.30078	293.32	0	48.850212	-86.956621	56424.96	56244.1	5.85	56430.81	56429.80078	56435.19901	56433.96484	503182.3	5410805.7
L3180	503182.3	5410807.3	38886.39844	290.53	0	48.850227	-86.956622	56425.70	56244.1	5.85	56431.55	56430.53516	56436.55193	56435.30469	503182.3	5410807.3
L3180	503182.3	5410807.3	38886.50000	289.23	0	48.850227	-86.956622	56426.18	56244.2	5.85	56432.03	56431.00781	56437.73852	56436.47656	503182.3	5410807.3
L3180	503182.2	5410808.5	38886.60156	290.61	0	48.850237	-86.956622	56426.46	56244.2	5.85	56432.31	56431.27734	56438.81488	56437.53906	503182.2	5410808.5
L3180	503182.2	5410810.0	38886.69922	289.82	0	48.850250	-86.956623	56427.46	56244.2	5.85	56433.30	56432.26172	56440.07452	56438.78516	503182.2	5410810.0
L3180	503182.1	5410811.7	38886.80078	291.78	0	48.850266	-86.956624	56427.92	56244.2	5.84	56433.76	56432.71094	56441.07800	56439.77344	503182.1	5410811.7
L3180	503182.1	5410811.7	38886.89844	290.31	0	48.850266	-86.956624	56428.79	56244.2	5.84	56434.63	56433.57422	56442.09694	56440.77734	503182.1	5410811.7
L3180	503182.1	5410813.1	38887.00000	288.23	0	48.850279	-86.956625	56428.99	56244.2	5.84	56434.83	56433.76563	56442.86894	56441.53516	503182.1	5410813.1
L3180	503182.0	5410814.7	38887.10156	286.02	0	48.850293	-86.956625	56429.91	56244.2	5.84	56435.75	56434.67969	56443.68739	56442.33984	503182.0	5410814.7
L3180	503182.0	5410816.5	38887.19922	294.41	0	48.850309	-86.956626	56430.34	56244.2	5.84	56436.18	56435.10156	56444.30756	56442.94531	503182.0	5410816.5
L3180	503181.9	5410817.8	38887.30078	288.88	0	48.850321	-86.956626	56430.65	56244.2	5.84	56436.49	56435.40234	56444.80155	56443.42188	503181.9	5410817.8
L3180	503181.9	5410817.8	38887.39844	289.36	0	48.850321	-86.956626	56431.49	56244.2	5.84	56437.33	56436.23438	56445.29742	56443.90234	503181.9	5410817.8
L3180	503181.9	5410819.6	38887.50000	286.73	0	48.850337	-86.956627	56431.82	56244.2	5.84	56437.66	56436.55469	56445.58831	56444.17969	503181.9	5410819.6
L3180	503181.9	5410819.6	38887.60156	295.67	0	48.850337	-86.956627	56432.95	56244.2	5.84	56438.78	56437.66406	56445.98955	56444.56641	503181.9	5410819.6
L3180	503181.9	5410822.5	38887.69922	290.05	0	48.850364	-86.956628	56433.20	56244.2	5.84	56439.04	56437.91797	56446.08521	56444.64844	503181.9	5410822.5
L3180	503181.9	5410822.5	38887.80078	291.24	0	48.850364	-86.956628	56434.40	56244.2	5.84	56440.24	56439.10938	56446.43472	56444.98047	503181.9	5410822.5
L3180	503181.8	5410824.6	38887.89844	299.73	0	48.850383	-86.956628	56434.64	56244.2	5.84	56440.48	56439.33984	56446.39532	56444.92578	503181.8	5410824.6
L3180	503181.8	5410824.6	38888.00000	299.71	0	48.850383	-86.956628	56435.27	56244.2	5.84	56441.11	56439.96094	56446.47290	56444.98828	503181.8	5410824.6
L3180	503181.8	5410826.4	38888.10156	300.65	0	48.850398	-86.956628	56436.06	56244.2	5.84	56441.90	56440.74219	56446.62716	56445.12891	503181.8	5410826.4
L3180	503181.8	5410827.6	38888.19922	295.00	0	48.850409	-86.956628	56436.55	56244.2	5.84	56442.38	56441.21094	56446.61924	56445.10547	503181.8	5410827.6
L3180	503181.8	5410829.1	38888.30078	295.20	0	48.850423	-86.956628	56437.54	56244.2	5.84	56443.38	56442.20313	56446.94747	56445.41797	503181.8	5410829.1
L3180	503181.8	5410830.9	38888.39844	299.47	0	48.850439	-86.956628	56437.85	56244.2	5.84	56443.68	56442.49219	56446.85000	56445.30469	503181.8	5410830.9
L3180	503181.8	5410830.9	38888.50000	300.67	0	48.850439	-86.956628	56438.92	56244.2	5.83	56444.75	56443.55469	56447.14600	56445.58594	503181.8	5410830.9
L3180	503181.8	5410832.7	38888.60156	301.34	0	48.850455	-86.956629	56439.33	56244.2	5.83	56445.16	56443.95313	56447.56489	56445.99219	503181.8	5410832.7
L3180	503181.8	5410832.7	38888.69922	301.02	0	48.850455	-86.956629	56440.14	56244.2	5.83	56445.98	56444.76563	56447.77872	56446.19141	503181.8	5410832.7
L3180	503181.8	5410834.3	38888.80078	291.45	0	48.850470	-86.956629	56440.73	56244.2	5.83	56446.56	56445.33594	56448.13869	56446.53516	503181.8	5410834.3
L3180	503181.8	5410835.8	38888.89844	289.99	0	48.850483	-86.956629	56441.73	56244.2	5.83	56447.56	56446.32422	56448.58592	56446.96484	503181.8	5410835.8
L3180	503181.8	5410837.6	38889.00000	300.21	0	48.850499	-86.956629	56441.93	56244.2	5.83	56447.76	56446.51563	56448.88079	56447.24609	503181.8	5410837.6
L3180	503181.8	5410837.6	38889.10156	302.06	0	48.850499	-86.956629	56443.08	56244.2	5.83	56448.91	56447.65625	56449.61774	56447.96875	503181.8	5410837.6
L3180	503181.7	5410839.1	38889.19922	300.76	0	48.850512	-86.956629	56443.67	56244.2	5.83	56449.50	56448.23438	56450.17546	56448.51172	503181.7	5410839.1
L3180	503181.7	5410839.1	38889.30078	293.14	0	48.850512	-86.956629	56444.48	56244.2	5.83	56450.31	56449.03516	56450.90364	56449.22656	503181.7	5410839.1
L3180	503181.7	5410840.8	38889.39844	291.52	0	48.850528	-86.956629	56444.96	56244.2	5.83	56450.80	56449.51563	56451.49740	56449.80469	503181.7	5410840.8
L3180	503181.7	5410842.9	38889.50000	290.87	0	48.850547	-86.956629	56445.71	56244.2	5.83	56451.54	56450.24609	56452.31312	56450.60547	503181.7	5410842.9
L3180	503181.7	5410844.7	38889.60156	290.87	0	48.850563	-86.956629	56446.66	56244.2	5.84	56452.49	56451.18359	56453.31545	56451.59375	503181.7	5410844.7
L3180	503181.7	5410846.0	38889.69922	291.18	0	48.850575	-86.956630	56447.60	56244.2	5.84	56453.43	56452.11328	56454.34059	56452.60156	503181.7	5410846.0
L3180	503181.7	5410846.0	38889.80078	298.82	0	48.850575	-86.956630	56448.49	56244.2	5.84	56454.33	56453.00391	56455.35274	56453.60156	503181.7	5410846.0
L3180	503181.7	5410847.7	38889.89844	295.61	0	48.850590	-86.956630	56449.28	56244.2	5.84	56455.12	56453.78516	56456.32550	56454.55859	503181.7	5410847.7
L3180	503181.7	5410847.7	38890.00000	295.60	0	48.850590	-86.956630	56450.13	56244.2	5.84	56455.96	56454.61328	56457.31152	56455.53125	503181.7	5410847.7
L3180	503181.6	5410850.1	38890.10156	295.07	0	48.850612	-86.956631	56450.94	56244.2	5.84	56456.78	56455.42188	56458.28870	56456.49219	503181.6	5410850.1
L3180	503181.6	5410851.2	38890.19922	293.87	0	48.850621	-86.956631	56451.78	56244.2	5.84	56457.62	56456.25391	56459.25232	56457.44141	503181.6	5410851.2
L3180	503181.6	5410852.6	38890.30078	295.99	0	48.850634	-86.956631	56452.50	56244.2	5.84	56458.33	56456.95313	56460.21970	56458.39453	503181.6	5410852.6
L3180	503181.6	5410852.6	38890.39844	296.35	0	48.850634	-86.956631	56453.46	56244.2	5.84	56459.30	56457.91016	56461.21347	56459.37500	503181.6	5410852.6
L3180	503181.6	5410854.3	38890.50000	297.41	0	48.850649	-86.956631	56454.77	56244.2	5.83	56460.60	56459.19922	56462.14467	56460.29297	503181.6	5410854.3
L3180	503181.5	5410855.6	38890.60156	295.37	0	48.850661	-86.956632	56455.31	56244.2	5.83	56461.14	56459.73047	56463.06676	56461.19922	503181.5	5410855.6
L3180	503181.5	5410857.3	38890.69922	294.69	0	48.850676	-86.956632	56456.25	56244.2	5.83	56462.08	56460.65625	56463.91557	56462.03516	503181.5	5410857.3
L3180	503181.5	5410857.3	38890.80078	292.22	0	48.850676	-86.956632	56457.37	56244.2	5.83	56463.20	56461.76563	56464.75843	56462.86328	503181.5	5410857.3
L3180	503181.5	5410858.8	38890.89844	289.66	0	48.850690	-86.956632	56458.06	56244.2	5.83	56463.89	56462.44531	56465.56179	56463.65625	503181.5	5410858.8
L3180	503181.5	5410860.8	38891.00000	290.40	0	48.850708	-86.956632	56459.03	56244.2	5.83	56464.86	56463.40625	56466.38797	56464.46875	503181.5	5410860.8
L3180	503181.5	5410860.8	38891.10156	295.59	0	48.850708	-86.956632	56460.48	56244.2	5.83	56466.31	56464.84375	56467.34597	56465.41406	503181.5	5410860.8
L3180	503181.5	5410862.0	38891.19922	297.85	0	48.850718	-86.956633	56461.28	56244.2	5.83	56467.11	56465.63281	56468.09816	56466.15234	503181.5	5410862.0
L3180	503181.4	5410863.7	38891.30078	297.90	0	48.850734	-86.956633	56461.82	56244.2	5.83	56467.65	56466.16016	56468.67634	56466.71484	503181.4	5410863.7
L3180	503181.4	5410865.2	38891.39844	296.57	0	48.850748	-86.956633	56463.19	56244.2	5.83	56469.02	56467.51953	56469.66772	56467.69531	503181.4	5410865.2
L3180	503181.4	5410865.2	38891.50000	296.45	0	48.850748	-86.956633	56463.93	56244.2	5.83	56469.76	56468.25000	56470.31380	56468.32813	503181.4	5410865.2
L3180	503181.4	5410866.7	38891.60156	297.25	0	48.850761	-86.956633	56465.00	56244.2	5.83	56470.83	56469.30859	56471.16959	56469.17188	503181.4	5410866.7
L3180	503181.4	5410868.2	38891.69922	298.18	0	48.850774	-86.956634	56465.89	56244.2	5.83	56471.72	56470.18359	56471.72000	56469.71094	503181.4	5410868.2
L3180	503181.4	5410868.2	38891.80078	299.21	0	48.850774	-86.956634	56467.17	56244.2	5.83	56473.00	56471.45313	56473.00000	56470.97656	503181.4	5410868.2
L3180	503181.4	5410869.7	38891.89844	298.07	0	48.850788	-86.956634	56468.06	56244.2	5.83	56473.89	56472.33203	56473.32891	56471.29297	503181.4	5410869.7
L3180	503181.4	5410869.7	38892.00000	297.53	0	48.850788	-86.956634	56469.46	56244.2	5.83	56475.29	56473.71875	56475.47269	56473.42578	503181.4	5410869.7
L3180	503181.3	5410871.7	38892.10156	296.96	0	48.850806	-86.956634	56470.31	56244.2	5.83	56476.14	56474.55859	56474.86017	56472.80078	503181.3	5410871.7
L3180	503181.3	5410873.5	38892.19922	298.56	0	48.850822	-86.956635	56471.66	56244.2	5.83	56477.50	56475.90625	56476.83301	56474.76172	503181.3	5410873.5
L3180	503181.3	5410873.5	38892.30078	299.62	0	48.850822	-86.956635	56473.22	56244.2	5.84	56479.06	56477.45313	56478.27895	56476.19531	503181.3	5410873.5
L3180	503181.3	5410875.4	38892.39844	300.36	0	48.850839	-86.956635	56474.57	56244.2	5.84	56480.41	56478.79297	56479.66808	56477.57422	503181.3	5410875.4
L3180	503181.3	5410877.2	38892.50000	295.02	0	48.850855	-86.956635	56475.72	56244.2	5.84	56481.56	56479.92969	56480.80278	56478.69922	503181.3	5410877.2
L3180	503181.3	5410877.2	38892.60156	293.28	0	48.850855	-86.956635	56476.59	56244.2	5.84	56482.43	56480.78906	56480.74983	56478.63281	503181.3	5410877.2
L3180	503181.3	5410879.4	38892.69922	298.16	0	48.850875	-86.956635	56477.64	56244.2	5.84	56483.48	56481.82813	56481.70379	56479.57813	503181.3	5410879.4
L3180	503181.3	5410880.9	38892.80078	298.35	0	48.850889	-86.956635	56478.76	56244.2	5.85	56484.60	56482.93359	56482.92297	56480.78516	503181.3	5410880.9
L3180	503181.3	5410882.6	38892.89844	298.99	0	48.850904	-86.956635	56479.98	56244.2	5.85	56485.83	56484.15234	56482.96781	56480.82031	503181.3	5410882.6
L3180	503181.3	5410882.6	38893.00000	299.46	0	48.850904	-86.956635	56481.39	56244.2	5.85	56487.24	56485.55078	56486.29332	56484.13281	503181.3	5410882.6
L3180	503181.3	5410884.4	38893.10156	299.18	0	48.850920	-86.956635	56482.76	56244.1	5.85	56488.61	56486.91016	56484.06749	56481.89844	503181.3	5410884.4
L3180	503181.3	5410886.1	38893.19922	298.30	0	48.850935	-86.956635	56484.55	56244.1	5.85	56490.40	56488.68750	56491.58770	56489.40625	503181.3	5410886.1
L3180	503181.3	5410886.1	38893.30078	297.71	0	48.850935	-86.956635	56485.65	56244.1	5.85	56491.50	56489.77344	56487.60455	56485.41406	503181.3	5410886.1
L3180	503181.3	5410887.9	38893.39844	299.81	0	48.850952	-86.956635	56486.72	56244.1	5.85	56492.57	56490.83203	56491.58945	56489.39063	503181.3	5410887.9
L3180	503181.3	5410889.7	38893.50000	301.36	0	48.850967	-86.956635	56487.89	56244.1	5.86	56493.75	56492.00000	56486.31225	56484.10156	503181.3	5410889.7
L3180	503181.3	5410890.9	38893.60156	301.06	0	48.850978	-86.956635	56489.76	56244.1	5.86	56495.61	56493.84766	56498.65228	56496.43359	503181.3	5410890.9
L3180	503181.3	5410890.9	38893.69922	300.88	0	48.850978	-86.956635	56490.75	56244.1	5.86	56496.61	56494.83594	56488.49112	56486.26172	503181.3	5410890.9
L3180	503181.3	5410892.3	38893.80078	299.95	0	48.850992	-86.956635	56492.39	56244.1	5.86	56498.25	56496.46484	56497.71633	56495.47656	503181.3	5410892.3
L3180	503181.3	5410893.9	38893.89844	299.85	0	48.851006	-86.956635	56493.84	56244.1	5.86	56499.70	56497.90234	56496.51600	56494.26563	503181.3	5410893.9
L3180	503181.3	5410893.9	38894.00000	300.36	0	48.851006	-86.956635	56495.24	56244.1	5.86	56501.10	56499.28906	56497.45195	56495.19531	503181.3	5410893.9
L3180	503181.3	5410895.8	38894.10156	300.53	0	48.851022	-86.956635	56496.70	56244.1	5.86	56502.56	56500.73828	56498.68242	56496.41797	503181.3	5410895.8
L3180	503181.3	5410897.1	38894.19922	295.52	0	48.851034	-86.956635	56498.03	56244.1	5.87	56503.90	56502.06641	56498.82199	56496.54688	503181.3	5410897.1
L3180	503181.3	5410897.1	38894.30078	294.63	0	48.851034	-86.956635	56499.81	56244.1	5.87	56505.69	56503.84375	56502.37962	56500.09375	503181.3	5410897.1
L3180	503181.3	5410899.1	38894.39844	299.82	0	48.851052	-86.956635	56501.34	56244.1	5.88	56507.22	56505.35938	56503.73592	56501.44141	503181.3	5410899.1
L3180	503181.3	5410900.5	38894.50000	292.83	0	48.851065	-86.956635	56502.75	56244.1	5.88	56508.63	56506.75781	56503.89036	56501.58984	503181.3	5410900.5
L3180	503181.3	5410902.0	38894.60156	293.88	0	48.851078	-86.956635	56504.31	56244.1	5.88	56510.19	56508.30469	56505.10990	56502.80078	503181.3	5410902.0
L3180	503181.3	5410903.5	38894.69922	300.42	0	48.851092	-86.956635	56505.98	56244.1	5.89	56511.87	56509.97266	56507.19079	56504.87109	503181.3	5410903.5
L3180	503181.3	5410903.5	38894.80078	300.06	0	48.851092	-86.956635	56507.55	56244.1	5.89	56513.44	56511.53125	56508.10508	56505.77734	503181.3	5410903.5
L3180	503181.2	5410905.6	38894.89844	299.54	0	48.851111	-86.956635	56509.25	56244.1	5.90	56515.15	56513.23047	56510.07112	56507.73438	503181.2	5410905.6
L3180	503181.2	5410905.6	38895.00000	300.30	0	48.851111	-86.956635	56510.71	56244.1	5.90	56516.61	56514.67578	56509.55980	56507.21875	503181.2	5410905.6
L3180	503181.2	5410907.1	38895.10156	299.97	0	48.851124	-86.956636	56512.65	56244.1	5.90	56518.55	56516.60547	56513.23287	56510.88281	503181.2	5410907.1

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L3180	503181.2	5410908.8	38895.19922	296.54	0	48.851140	-86.956636	56514.23	56244.1	5.90	56520.13	56518.17188	56513.41569	56511.05859	503181.2	5410908.8
L3180	503181.2	5410910.3	38895.30078	298.43	0	48.851153	-86.956636	56516.27	56244.1	5.90	56522.17	56520.19922	56517.64407	56515.27734	503181.2	5410910.3
L3180	503181.2	5410910.3	38895.39844	303.23	0	48.851153	-86.956636	56518.57	56244.1	5.90	56524.47	56522.48828	56524.06863	56521.69531	503181.2	5410910.3
L3180	503181.2	5410911.9	38895.50000	303.06	0	48.851168	-86.956636	56519.74	56244.1	5.90	56525.64	56523.64453	56519.97282	56517.58984	503181.2	5410911.9
L3180	503181.2	5410913.3	38895.60156	302.50	0	48.851180	-86.956636	56522.04	56244.1	5.89	56527.93	56525.92188	56525.92686	56523.53906	503181.2	5410913.3
L3180	503181.2	5410913.3	38895.69922	300.58	0	48.851180	-86.956636	56523.37	56244.1	5.89	56529.26	56527.24219	56523.07223	56520.67578	503181.2	5410913.3
L3180	503181.1	5410915.2	38895.80078	300.58	0	48.851197	-86.956637	56525.54	56244.1	5.89	56531.43	56529.39844	56527.59818	56525.19531	503181.1	5410915.2
L3180	503181.1	5410916.7	38895.89844	300.60	0	48.851211	-86.956637	56527.50	56244.1	5.89	56533.39	56531.34766	56530.09189	56527.67969	503181.1	5410916.7
L3180	503181.1	5410918.1	38896.00000	300.20	0	48.851223	-86.956637	56529.23	56244.1	5.89	56535.12	56533.06641	56530.49234	56528.07422	503181.1	5410918.1
L3180	503181.1	5410918.1	38896.10156	295.38	0	48.851223	-86.956637	56531.18	56244.1	5.89	56537.07	56535.00391	56532.65241	56530.23047	503181.1	5410918.1
L3180	503181.1	5410919.8	38896.19922	294.16	0	48.851238	-86.956637	56533.42	56244.1	5.89	56539.31	56537.23047	56536.98824	56534.55859	503181.1	5410919.8
L3180	503181.1	5410921.7	38896.30078	299.82	0	48.851256	-86.956638	56535.23	56244.1	5.90	56541.13	56539.03906	56537.80984	56535.37109	503181.1	5410921.7
L3180	503181.1	5410921.7	38896.39844	301.22	0	48.851256	-86.956638	56537.25	56244.1	5.90	56543.15	56541.04688	56540.06791	56537.62500	503181.1	5410921.7
L3180	503181.0	5410923.1	38896.50000	301.34	0	48.851268	-86.956638	56539.21	56244.1	5.90	56545.11	56542.99609	56541.75817	56539.30859	503181.0	5410923.1
L3180	503181.0	5410924.6	38896.60156	301.37	0	48.851282	-86.956638	56541.08	56244.1	5.90	56546.98	56544.85156	56544.08645	56541.62891	503181.0	5410924.6
L3180	503181.0	5410925.9	38896.69922	294.67	0	48.851293	-86.956639	56543.27	56244.1	5.90	56549.18	56547.03906	56544.34576	56541.88281	503181.0	5410925.9
L3180	503181.0	5410925.9	38896.80078	296.13	0	48.851293	-86.956639	56545.77	56244.1	5.91	56551.68	56549.52734	56553.69846	56551.23047	503181.0	5410925.9
L3180	503180.9	5410928.0	38896.89844	300.25	0	48.851312	-86.956640	56547.51	56244.1	5.91	56553.42	56551.25781	56549.11814	56546.64453	503180.9	5410928.0
L3180	503180.9	5410929.6	38897.00000	300.26	0	48.851326	-86.956640	56549.61	56244.1	5.91	56555.52	56553.34375	56554.09657	56551.61719	503180.9	5410929.6
L3180	503180.8	5410930.9	38897.10156	299.60	0	48.851339	-86.956641	56551.98	56244.1	5.91	56557.89	56555.70313	56555.65013	56553.16406	503180.8	5410930.9
L3180	503180.8	5410930.9	38897.19922	300.18	0	48.851339	-86.956641	56554.38	56244.1	5.92	56560.29	56558.08984	56560.48518	56557.99219	503180.8	5410930.9
L3180	503180.8	5410932.1	38897.30078	299.38	0	48.851349	-86.956641	56556.52	56244.1	5.92	56562.44	56560.23047	56559.92614	56557.42969	503180.8	5410932.1
L3180	503180.8	5410934.1	38897.39844	299.61	0	48.851367	-86.956642	56559.15	56244.1	5.93	56565.08	56562.85938	56565.50445	56563.00000	503180.8	5410934.1
L3180	503180.7	5410935.3	38897.50000	298.71	0	48.851378	-86.956642	56561.44	56244.1	5.93	56567.37	56565.13672	56566.42085	56563.91406	503180.7	5410935.3
L3180	503180.7	5410935.3	38897.60156	296.76	0	48.851378	-86.956642	56563.72	56244.1	5.93	56569.65	56567.40625	56569.82768	56567.31641	503180.7	5410935.3
L3180	503180.7	5410936.6	38897.69922	295.84	0	48.851390	-86.956643	56565.68	56244.1	5.94	56571.62	56569.36328	56571.03042	56568.51172	503180.7	5410936.6
L3180	503180.7	5410938.3	38897.80078	296.74	0	48.851405	-86.956643	56568.08	56244.1	5.94	56574.02	56571.75000	56573.99737	56571.47266	503180.7	5410938.3
L3180	503180.6	5410939.9	38897.89844	297.71	0	48.851419	-86.956643	56570.40	56244.1	5.95	56576.35	56574.07031	56576.35000	56573.82031	503180.6	5410939.9
L3180	503180.6	5410939.9	38898.00000	297.82	0	48.851419	-86.956643	56572.88	56244.1	5.95	56578.82	56576.52734	56578.82000	56576.28516	503180.6	5410939.9
L3180	503180.6	5410941.6	38898.10156	295.98	0	48.851434	-86.956643	56575.25	56244.1	5.95	56581.20	56578.89453	56581.20000	56578.66016	503180.6	5410941.6
L3180	503180.6	5410942.8	38898.19922	296.01	0	48.851445	-86.956644	56577.57	56244.1	5.95	56583.52	56581.20313	56583.62971	56581.08594	503180.6	5410942.8
L3180	503180.6	5410942.8	38898.30078	295.68	0	48.851445	-86.956644	56580.25	56244.1	5.95	56586.20	56583.87109	56586.28205	56583.73438	503180.6	5410942.8
L3180	503180.6	5410944.3	38898.39844	299.02	0	48.851459	-86.956644	56582.75	56244.1	5.95	56588.70	56586.35938	56588.70000	56586.14844	503180.6	5410944.3
L3180	503180.6	5410945.7	38898.50000	296.07	0	48.851471	-86.956644	56585.38	56244.1	5.95	56591.33	56588.97656	56591.33000	56588.77344	503180.6	5410945.7
L3180	503180.6	5410947.1	38898.60156	295.53	0	48.851484	-86.956644	56587.53	56244.1	5.95	56593.48	56591.11719	56593.48000	56590.91797	503180.6	5410947.1
L3180	503180.6	5410947.1	38898.69922	294.57	0	48.851484	-86.956644	56590.05	56244.1	5.95	56596.00	56593.62500	56596.06659	56593.50000	503180.6	5410947.1
L3180	503180.6	5410948.3	38898.80078	294.90	0	48.851495	-86.956644	56592.40	56244.1	5.95	56598.35	56595.96094	56597.99851	56595.42969	503180.6	5410948.3
L3180	503180.6	5410949.9	38898.89844	294.18	0	48.851509	-86.956644	56595.00	56244.1	5.95	56600.95	56598.55078	56601.13731	56598.56250	503180.6	5410949.9
L3180	503180.5	5410951.3	38899.00000	296.88	0	48.851522	-86.956645	56597.35	56244.1	5.95	56603.30	56600.88672	56602.86951	56600.29297	503180.5	5410951.3
L3180	503180.5	5410951.3	38899.10156	298.24	0	48.851522	-86.956645	56599.75	56244.1	5.95	56605.70	56603.27734	56605.64707	56603.06641	503180.5	5410951.3
L3180	503180.5	5410953.0	38899.19922	298.40	0	48.851538	-86.956645	56602.07	56244.1	5.95	56608.02	56605.58203	56607.70934	56605.12500	503180.5	5410953.0
L3180	503180.5	5410953.0	38899.30078	298.37	0	48.851538	-86.956645	56604.40	56244.1	5.95	56610.35	56607.90234	56609.32958	56606.73828	503180.5	5410953.0
L3180	503180.5	5410954.2	38899.39844	296.65	0	48.851548	-86.956645	56607.08	56244.1	5.95	56613.03	56610.57031	56612.99888	56610.40625	503180.5	5410954.2
L3180	503180.5	5410955.2	38899.50000	299.57	0	48.851557	-86.956645	56609.62	56244.1	5.95	56615.57	56613.09766	56615.33207	56612.73438	503180.5	5410955.2
L3180	503180.5	5410956.7	38899.60156	300.95	0	48.851571	-86.956645	56612.21	56244.1	5.95	56618.16	56615.67188	56616.60954	56614.01172	503180.5	5410956.7
L3180	503180.5	5410957.8	38899.69922	300.18	0	48.851580	-86.956645	56615.12	56244.1	5.95	56621.07	56618.57031	56622.54495	56619.94141	503180.5	5410957.8
L3180	503180.5	5410959.0	38899.80078	301.25	0	48.851591	-86.956645	56617.67	56244.1	5.95	56623.62	56621.10547	56622.54930	56619.94141	503180.5	5410959.0
L3180	503180.5	5410959.0	38899.89844	299.32	0	48.851591	-86.956645	56620.29	56244.1	5.95	56626.24	56623.71484	56627.59084	56624.98047	503180.5	5410959.0
L3180	503180.5	5410960.2	38900.00000	298.76	0	48.851602	-86.956645	56622.64	56244.1	5.95	56628.59	56626.05078	56628.16006	56625.54688	503180.5	5410960.2
L3180	503180.5	5410961.6	38900.10156	296.31	0	48.851615	-86.956645	56624.94	56244	5.95	56630.89	56628.33594	56631.37604	56628.76172	503180.5	5410961.6
L3180	503180.5	5410961.6	38900.19922	296.89	0	48.851615	-86.956645	56627.27	56244	5.96	56633.22	56630.65234	56631.53159	56628.91406	503180.5	5410961.6
L3180	503180.6	5410963.3	38900.30078	301.57	0	48.851630	-86.956644	56630.02	56244	5.96	56635.98	56633.39844	56636.72148	56634.10156	503180.6	5410963.3
L3180	503180.6	5410963.3	38900.39844	301.74	0	48.851630	-86.956644	56632.68	56244	5.97	56638.64	56636.04688	56639.65360	56637.03125	503180.6	5410963.3
L3180	503180.6	5410965.0	38900.50000	301.09	0	48.851645	-86.956644	56635.02	56244	5.97	56640.99	56638.37891	56641.59232	56638.96875	503180.6	5410965.0
L3180	503180.6	5410965.9	38900.60156	298.53	0	48.851653	-86.956644	56637.24	56244	5.97	56643.21	56640.58594	56643.15502	56640.52734	503180.6	5410965.9
L3180	503180.6	5410967.0	38900.69922	296.90	0	48.851663	-86.956643	56639.64	56244	5.98	56645.62	56642.98047	56645.15497	56642.52734	503180.6	5410967.0
L3180	503180.6	5410967.0	38900.80078	297.43	0	48.851663	-86.956643	56642.14	56244	5.98	56648.12	56645.46484	56650.16242	56647.53125	503180.6	5410967.0
L3180	503180.6	5410968.5	38900.89844	295.93	0	48.851676	-86.956643	56644.39	56244	5.99	56650.38	56647.71094	56648.27078	56645.64063	503180.6	5410968.5
L3180	503180.6	5410969.8	38901.00000	296.76	0	48.851688	-86.956643	56647.02	56244	5.99	56653.01	56650.32422	56656.80248	56654.17188	503180.6	5410969.8
L3180	503180.7	5410971.0	38901.10156	300.92	0	48.851699	-86.956643	56649.02	56244	5.99	56655.01	56652.30859	56652.26972	56649.63672	503180.7	5410971.0
L3180	503180.7	5410972.2	38901.19922	300.71	0	48.851710	-86.956643	56651.68	56244	5.98	56657.67	56654.94922	56659.54983	56656.91406	503180.7	5410972.2
L3180	503180.7	5410973.2	38901.30078	298.36	0	48.851718	-86.956643	56654.17	56244	5.98	56660.15	56657.41406	56661.03134	56658.39453	503180.7	5410973.2
L3180	503180.7	5410973.2	38901.39844	299.61	0	48.851718	-86.956643	56656.48	56244	5.98	56662.45	56659.69531	56662.51765	56659.88281	503180.7	5410973.2
L3180	503180.7	5410974.7	38901.50000	298.56	0	48.851732	-86.956642	56658.86	56244	5.97	56664.84	56662.07031	56666.76008	56664.12500	503180.7	5410974.7
L3180	503180.7	5410974.7	38901.60156	299.29	0	48.851732	-86.956642	56661.12	56244	5.97	56667.09	56664.30078	56665.84647	56663.21094	503180.7	5410974.7
L3180	503180.7	5410975.8	38901.69922	297.45	0	48.851742	-86.956642	56663.66	56244	5.97	56669.63	56666.82031	56673.58429	56670.94922	503180.7	5410975.8
L3180	503180.7	5410977.2	38901.80078	298.29	0	48.851755	-86.956642	56665.67	56244	5.97	56671.63	56668.80078	56669.50979	56666.87500	503180.7	5410977.2
L3180	503180.7	5410977.2	38901.89844	299.76	0	48.851755	-86.956642	56668.22	56244	5.96	56674.18	56671.33203	56677.01522	56674.37891	503180.7	5410977.2
L3180	503180.7	5410978.4	38902.00000	301.96	0	48.851766	-86.956642	56670.50	56244	5.96	56676.46	56673.59375	56677.79047	56675.15625	503180.7	5410978.4
L3180	503180.7	5410979.4	38902.10156	302.54	0	48.851775	-86.956642	56672.61	56244	5.96	56678.57	56675.68359	56679.25037	56676.61719	503180.7	5410979.4
L3180	503180.7	5410979.4	38902.19922	301.35	0	48.851775	-86.956642	56674.86	56244	5.97	56680.82	56677.91016	56682.54786	56679.91406	503180.7	5410979.4
L3180	503180.7	5410980.7	38902.30078	299.29	0	48.851786	-86.956641	56677.08	56244	5.97	56683.05	56680.11719	56684.09589	56681.46484	503180.7	5410980.7
L3180	503180.8	5410981.7	38902.39844	294.26	0	48.851795	-86.956641	56679.23	56244	5.97	56685.20	56682.24609	56688.65809	56686.02734	503180.8	5410981.7
L3180	503180.8	5410981.7	38902.50000	292.74	0	48.851795	-86.956641	56681.12	56244	5.97	56687.09	56684.11328	56685.71874	56683.08984	503180.8	5410981.7
L3180	503180.8	5410982.8	38902.60156	298.19	0	48.851805	-86.956641	56683.42	56244	5.98	56689.40	56686.39844	56690.52095	56687.89453	503180.8	5410982.8
L3180	503180.8	5410983.7	38902.69922	299.02	0	48.851813	-86.956641	56685.62	56244	5.98	56691.60	56688.57422	56693.29717	56690.67578	503180.8	5410983.7
L3180	503180.8	5410983.7	38902.80078	300.19	0	48.851813	-86.956641	56688.07	56244	5.98	56694.06	56691.00781	56698.06216	56695.44141	503180.8	5410983.7
L3180	503180.8	5410984.8	38902.89844	299.65	0	48.851823	-86.956641	56690.06	56244	5.99	56696.05	56692.97266	56699.67193	56697.05469	503180.8	5410984.8
L3180	503180.8	5410985.7	38903.00000	299.94	0	48.851831	-86.956641	56692.01	56244	5.99	56698.00	56694.89844	56701.11630	56698.50391	503180.8	5410985.7
L3180	503180.8	5410985.7	38903.10156	299.35	0	48.851831	-86.956641	56694.02	56244	5.99	56700.01	56696.87891	56703.10783	56700.49609	503180.8	5410985.7
L3180	503180.8	5410986.8	38903.19922	301.87	0	48.851841	-86.956641	56695.99	56244	5.98	56701.98	56698.82422	56704.94038	56702.33594	503180.8	5410986.8
L3180	503180.8	5410987.7	38903.30078	302.13	0	48.851850	-86.956640	56697.86	56244	5.98	56703.84	56700.65234	56706.49181	56703.89063	503180.8	5410987.7
L3180	503180.8	5410987.7	38903.39844	304.50	0	48.851850	-86.956640	56699.61	56244	5.98	56705.59	56702.37500	56706.66306	56704.06641	503180.8	5410987.7
L3180	503180.8	5410988.7	38903.50000	304.13	0	48.851859	-86.956640	56701.56	56244	5.97	56707.53	56704.28516	56709.30593	56706.71484	503180.8	5410988.7
L3180	503180.8	5410988.7	38903.60156	303.14	0	48.851859	-86.956640	56703.61	56244	5.97	56709.58	56706.30078	56711.44026	56708.85156	503180.8	5410988.7
L3180	503180.9	5410990.5	38903.69922	300.90	0	48.851875	-86.956639	56705.60	56244	5.97	56711.57	56708.26172	56714.42022	56711.83594	503180.9	5410990.5
L3180	503180.9	5410990.5	38903.80078	298.60	0	48.851875	-86.956639	56707.34	56244	5.97	56713.31	56709.96484	56715.00398	56712.42578	503180.9	5410990.5
L3180	503180.9	5410991.3	38903.89844	291.95	0	48.851882	-86.956639	56708.98	56244	5.96	56714.94	56711.56250	56716.97807	56714.40625	503180.9	5410991.3
L3180	503181.0	5410992.1	38904.00000	292.74	0	48.851889	-86.956638	56710.66	56244	5.96	56716.62	56713.20703	56716.49791	56713.93359	503181.0	5410992.1
L3180	503181.0	5410992.1	38904.10156	298.66	0	48.851889	-86.956638	56712.76	56244	5.96	56718.72	56715.27344	56721.72112	56719.16406	503181.0	5410992.1
L3180	503181.0	5410993.0	38904.19922	298.32	0	48.851897	-86.956638	56714.46	56244	5.97	56720.43	56716.94531	56721.90475	56719.35156	503181.0	5410993.0
L3180	503181.0	5410994.0	38904.30078	297.14	0	48.851906	-86.956637	56716.03	56244	5.97	56722.00	56718.47656	56723.44559	56720.90234	503181.0	5410994.0
L3180	503181.1	5410994.9	38904.39844	296.19	0	48.851914	-86.956637	56717.61	56244	5.97	56723.58	56720.01563	56725.31830	56722.78125	503181.1	5410994.9

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L3180	503181.1	5410994.9	38904.50000	295.48	0	48.851914	-86.956637	56719.03	56244	5.97	56725.00	56721.39844	56726.10352	56723.57422	503181.1	5410994.9
L3180	503181.1	5410995.7	38904.60156	296.62	0	48.851921	-86.956636	56720.59	56244	5.98	56726.57	56722.92578	56727.48135	56724.96094	503181.1	5410995.7
L3180	503181.2	5410996.4	38904.69922	297.00	0	48.851927	-86.956636	56722.24	56244	5.98	56728.22	56724.53516	56730.72714	56728.21484	503181.2	5410996.4
L3180	503181.2	5410996.4	38904.80078	297.38	0	48.851927	-86.956636	56723.61	56244	5.98	56729.59	56725.85938	56729.87302	56727.36719	503181.2	5410996.4
L3180	503181.2	5410997.1	38904.89844	298.25	0	48.851934	-86.956635	56725.28	56244	5.99	56731.27	56727.49609	56733.65325	56731.15625	503181.2	5410997.1
L3180	503181.3	5410997.8	38905.00000	298.10	0	48.851940	-86.956634	56726.82	56244	5.99	56732.81	56728.98828	56735.08734	56732.60156	503181.3	5410997.8
L3180	503181.3	5410998.3	38905.10156	300.12	0	48.851945	-86.956634	56728.12	56244	5.99	56734.10	56730.23438	56736.22543	56733.75000	503181.3	5410998.3
L3180	503181.4	5410998.9	38905.19922	301.35	0	48.851951	-86.956633	56729.42	56244	5.98	56735.41	56731.49609	56737.26541	56734.80078	503181.4	5410998.9
L3180	503181.4	5410998.9	38905.30078	302.64	0	48.851951	-86.956633	56730.74	56244	5.98	56736.72	56732.75781	56740.36370	56737.90625	503181.4	5410998.9
L3180	503181.4	5410999.7	38905.39844	304.95	0	48.851957	-86.956632	56731.87	56244	5.98	56737.85	56733.83594	56739.23506	56736.78906	503181.4	5410999.7
L3180	503181.4	5410999.7	38905.50000	303.61	0	48.851957	-86.956632	56733.11	56244	5.97	56739.08	56735.01172	56741.29124	56738.85938	503181.4	5410999.7
L3180	503181.4	5411000.4	38905.60156	302.42	0	48.851964	-86.956632	56734.32	56244	5.97	56740.29	56736.17188	56742.53203	56740.10938	503181.4	5411000.4
L3180	503181.5	5411000.9	38905.69922	294.69	0	48.851968	-86.956631	56735.84	56244	5.97	56741.81	56737.63672	56746.61594	56744.20703	503181.5	5411000.9
L3180	503181.5	5411001.7	38905.80078	295.92	0	48.851975	-86.956631	56736.98	56244	5.97	56742.95	56738.72266	56747.86956	56745.47266	503181.5	5411001.7
L3180	503181.5	5411001.7	38905.89844	301.52	0	48.851975	-86.956631	56737.96	56244	5.96	56743.92	56739.63281	56747.72067	56745.33594	503181.5	5411001.7
L3180	503181.6	5411002.2	38906.00000	302.45	0	48.851980	-86.956630	56739.13	56244	5.96	56745.09	56740.74609	56749.66495	56747.29297	503181.6	5411002.2
L3180	503181.6	5411002.8	38906.10156	301.29	0	48.851985	-86.956630	56740.50	56244	5.96	56746.46	56742.05469	56754.01088	56751.65234	503181.6	5411002.8
L3180	503181.6	5411002.8	38906.19922	300.23	0	48.851985	-86.956630	56741.10	56244	5.96	56747.06	56742.59375	56750.48456	56748.13672	503181.6	5411002.8
L3180	503181.6	5411003.4	38906.30078	299.81	0	48.851991	-86.956629	56742.40	56244	5.96	56748.36	56743.83203	56754.71802	56752.38672	503181.6	5411003.4
L3180	503181.6	5411003.4	38906.39844	302.43	0	48.851991	-86.956629	56743.36	56244	5.96	56749.32	56744.73047	56755.48765	56753.16797	503181.6	5411003.4
L3180	503181.7	5411003.9	38906.50000	303.38	0	48.851995	-86.956629	56744.44	56244	5.96	56750.40	56745.74609	56757.92050	56755.61719	503181.7	5411003.9
L3180	503181.7	5411004.3	38906.60156	301.52	0	48.851999	-86.956628	56745.39	56244	5.96	56751.35	56746.62891	56759.16163	56756.87500	503181.7	5411004.3
L3180	503181.7	5411004.7	38906.69922	299.38	0	48.852003	-86.956628	56746.01	56244	5.96	56751.97	56747.17969	56756.74149	56754.46875	503181.7	5411004.7
L3180	503181.7	5411005.2	38906.80078	297.41	0	48.852006	-86.956628	56747.06	56244	5.96	56753.02	56748.16016	56759.88329	56757.62500	503181.7	5411005.2
L3180	503181.7	5411005.2	38906.89844	300.16	0	48.852006	-86.956628	56747.50	56244	5.96	56753.46	56748.53125	56755.92531	56753.68359	503181.7	5411005.2
L3180	503181.8	5411005.7	38907.00000	300.49	0	48.852011	-86.956627	56748.61	56244	5.96	56754.57	56749.57031	56760.73967	56758.51563	503181.8	5411005.7
L3180	503181.8	5411006.1	38907.10156	301.23	0	48.852014	-86.956627	56749.15	56244	5.96	56755.11	56750.03516	56758.97827	56756.76953	503181.8	5411006.1
L3180	503181.8	5411006.5	38907.19922	301.02	0	48.852018	-86.956627	56750.01	56244	5.96	56755.97	56750.82031	56761.77830	56759.58594	503181.8	5411006.5
L3180	503181.8	5411006.5	38907.30078	301.15	0	48.852018	-86.956627	56750.60	56244	5.96	56756.56	56751.33594	56761.80832	56759.63672	503181.8	5411006.5
L3180	503181.8	5411006.9	38907.39844	301.47	0	48.852022	-86.956626	56751.10	56244	5.96	56757.06	56751.75781	56761.35405	56759.19922	503181.8	5411006.9
L3180	503181.8	5411006.9	38907.50000	302.21	0	48.852022	-86.956626	56751.93	56244	5.96	56757.89	56752.50781	56765.48889	56763.35156	503181.8	5411006.9
L3180	503181.9	5411007.3	38907.60156	303.46	0	48.852025	-86.956626	56752.43	56244	5.96	56758.39	56752.92969	56766.15695	56764.03906	503181.9	5411007.3
L3180	503181.9	5411007.6	38907.69922	306.07	0	48.852028	-86.956626	56752.98	56244	5.96	56758.94	56753.39844	56767.88450	56765.78516	503181.9	5411007.6
L3180	503181.9	5411007.9	38907.80078	306.25	0	48.852031	-86.956625	56753.36	56244	5.96	56759.32	56753.69531	56768.03893	56765.95703	503181.9	5411007.9
L3180	503181.9	5411007.9	38907.89844	306.01	0	48.852031	-86.956625	56753.65	56244	5.96	56759.61	56753.89844	56767.50757	56765.44531	503181.9	5411007.9
L3180	503181.9	5411008.3	38908.00000	306.19	0	48.852034	-86.956625	56753.76	56244	5.96	56759.72	56753.92188	56765.25495	56763.21484	503181.9	5411008.3
L3180	503182.0	5411008.6	38908.10156	304.42	0	48.852037	-86.956625	56754.04	56244	5.96	56760.00	56754.11719	56764.98840	56762.96875	503182.0	5411008.6
L3180	503182.0	5411008.6	38908.19922	299.31	0	48.852037	-86.956625	56754.10	56244	5.96	56760.05	56754.07813	56762.32932	56760.32813	503182.0	5411008.6
L3180	503182.0	5411008.9	38908.30078	300.46	0	48.852040	-86.956625	56754.38	56244	5.95	56760.33	56754.26953	56761.97958	56760.00000	503182.0	5411008.9
L3180	503182.0	5411008.9	38908.39844	300.86	0	48.852040	-86.956625	56754.52	56244	5.95	56760.47	56754.31641	56760.03503	56758.07813	503182.0	5411008.9
L3180	503182.0	5411009.1	38908.50000	297.86	0	48.852042	-86.956625	56754.71	56244.1	5.95	56760.66	56754.41406	56758.36336	56756.42578	503182.0	5411009.1
L3180	503182.0	5411009.3	38908.60156	298.02	0	48.852044	-86.956624	56755.11	56244.1	5.95	56761.06	56754.71875	56758.43363	56756.51953	503182.0	5411009.3
L3180	503182.0	5411009.3	38908.69922	297.26	0	48.852044	-86.956624	56755.48	56244.1	5.95	56761.43	56754.99609	56757.88035	56755.98828	503182.0	5411009.3
L3180	503182.0	5411009.4	38908.80078	298.04	0	48.852045	-86.956624	56756.32	56244.1	5.94	56762.26	56755.72656	56761.33443	56759.46484	503182.0	5411009.4
L3180	503182.0	5411009.4	38908.89844	299.27	0	48.852045	-86.956624	56756.25	56244.1	5.94	56762.20	56755.57031	56756.16769	56754.32031	503182.0	5411009.4
L3180	503182.0	5411009.7	38909.00000	297.50	0	48.852047	-86.956624	56757.29	56244.1	5.94	56763.23	56756.50000	56760.98851	56759.16406	503182.0	5411009.7
L3180	503182.0	5411009.7	38909.10156	300.40	0	48.852047	-86.956624	56758.29	56244.1	5.94	56764.22	56757.39063	56765.36585	56763.56250	503182.0	5411009.7
L3180	503182.0	5411009.8	38909.19922	301.13	0	48.852048	-86.956624	56759.61	56244.1	5.93	56765.54	56758.60938	56773.00987	56771.23047	503182.0	5411009.8
L3180	503182.1	5411009.9	38909.30078	300.22	0	48.852049	-86.956623	56760.58	56244.1	5.93	56766.51	56759.47656	56777.71477	56775.96094	503182.1	5411009.9
L3180	503182.1	5411009.9	38909.39844	299.84	0	48.852050	-86.956623	56761.31	56244.1	5.92	56767.24	56760.10156	56780.60636	56778.87500	503182.1	5411009.9
L3180	503182.1	5411009.9	38909.50000	303.90	0	48.852050	-86.956623	56761.58	56244.1	5.92	56767.50	56760.25781	56779.30933	56777.60547	503182.1	5411009.9
L3180	503182.1	5411010.1	38909.60156	303.62	0	48.852051	-86.956623	56761.36	56244.1	5.92	56767.28	56759.92969	56773.34535	56771.66406	503182.1	5411010.1
L3180	503182.1	5411010.3	38909.69922	303.40	0	48.852053	-86.956623	56761.25	56244.1	5.91	56767.16	56759.70313	56768.63309	56766.97656	503182.1	5411010.3
L3180	503182.1	5411010.3	38909.80078	303.88	0	48.852053	-86.956623	56761.18	56244.1	5.91	56767.08	56759.51563	56764.65339	56763.02344	503182.1	5411010.3
L3180	503182.1	5411010.5	38909.89844	300.61	0	48.852054	-86.956623	56761.77	56244.1	5.90	56767.68	56760.00391	56769.36456	56767.76172	503182.1	5411010.5
L3180	503182.1	5411010.6	38910.00000	299.89	0	48.852055	-86.956623	56761.84	56244.1	5.90	56767.74	56759.95313	56768.29812	56766.71875	503182.1	5411010.6
L3180	503182.1	5411010.6	38910.10156	299.43	0	48.852055	-86.956623	56762.54	56244.1	5.90	56768.44	56760.54297	56776.28375	56774.73047	503182.1	5411010.6
L3180	503182.1	5411010.9	38910.19922	302.18	0	48.852058	-86.956623	56762.65	56244.1	5.90	56768.55	56760.53906	56777.22484	56775.69922	503182.1	5411010.9
L3180	503182.1	5411011.2	38910.30078	304.62	0	48.852061	-86.956623	56762.28	56244.1	5.90	56768.17	56760.04688	56771.55630	56770.05469	503182.1	5411011.2
L3180	503182.1	5411011.4	38910.39844	303.43	0	48.852063	-86.956623	56762.08	56244.1	5.90	56767.97	56759.73047	56768.30800	56766.83594	503182.1	5411011.4
L3180	503182.1	5411011.4	38910.50000	301.56	0	48.852063	-86.956623	56761.98	56244.1	5.89	56767.87	56759.51563	56766.33300	56764.88672	503182.1	5411011.4
L3180	503182.1	5411011.7	38910.60156	302.84	0	48.852066	-86.956623	56761.89	56244.1	5.89	56767.79	56759.32031	56764.33197	56762.91016	503182.1	5411011.7
L3180	503182.1	5411012.0	38910.69922	301.92	0	48.852068	-86.956623	56761.95	56244.1	5.89	56767.85	56759.26172	56764.03632	56762.64453	503182.1	5411012.0
L3180	503182.1	5411012.2	38910.80078	302.40	0	48.852070	-86.956623	56762.15	56244.1	5.89	56768.04	56759.33203	56765.27148	56763.90625	503182.1	5411012.2
L3180	503182.1	5411012.2	38910.89844	304.19	0	48.852070	-86.956623	56762.59	56244.1	5.89	56768.48	56759.65625	56769.98835	56768.64844	503182.1	5411012.2
L3180	503182.1	5411012.5	38911.00000	304.36	0	48.852072	-86.956623	56762.98	56244.1	5.89	56768.87	56759.92578	56773.37522	56772.06641	503182.1	5411012.5
L3180	503182.0	5411012.7	38911.10156	304.10	0	48.852074	-86.956624	56762.98	56244.1	5.89	56768.86	56759.79297	56769.59211	56768.30859	503182.0	5411012.7
L3180	503182.0	5411012.9	38911.19922	305.71	0	48.852076	-86.956624	56763.34	56244.1	5.88	56769.22	56760.03516	56771.39604	56770.14063	503182.0	5411012.9
L3180	503182.0	5411012.9	38911.30078	303.67	0	48.852076	-86.956624	56763.44	56244.1	5.88	56769.32	56760.01172	56768.48261	56767.25781	503182.0	5411012.9
L3180	503182.0	5411013.1	38911.39844	300.77	0	48.852078	-86.956624	56763.49	56244.1	5.88	56769.37	56759.94141	56764.52377	56763.32422	503182.0	5411013.1
L3180	503182.0	5411013.2	38911.50000	303.70	0	48.852079	-86.956624	56763.56	56244.1	5.88	56769.43	56759.87891	56760.73707	56759.56641	503182.0	5411013.2
L3180	503182.0	5411013.2	38911.60156	301.98	0	48.852079	-86.956624	56763.93	56244.1	5.87	56769.80	56760.12500	56762.16720	56761.02734	503182.0	5411013.2
L3180	503182.0	5411013.3	38911.69922	302.21	0	48.852079	-86.956624	56764.49	56244.1	5.87	56770.36	56760.55859	56766.76060	56765.64844	503182.0	5411013.3
L3180	503182.0	5411013.3	38911.80078	300.99	0	48.852080	-86.956624	56765.04	56244.1	5.87	56770.91	56760.98438	56771.21661	56770.13281	503182.0	5411013.3
L3180	503182.0	5411013.3	38911.89844	298.89	0	48.852080	-86.956624	56765.86	56244.1	5.86	56771.73	56761.67969	56779.55359	56778.50000	503182.0	5411013.3
L3180	503182.1	5411013.4	38912.00000	298.87	0	48.852081	-86.956623	56766.17	56244.1	5.86	56772.03	56761.85547	56780.04265	56779.01563	503182.1	5411013.4
L3180	503182.1	5411013.4	38912.10156	301.54	0	48.852081	-86.956623	56766.53	56244.1	5.86	56772.39	56762.08984	56781.29853	56780.30078	503182.1	5411013.4
L3180	503182.1	5411013.4	38912.19922	303.93	0	48.852081	-86.956623	56766.85	56244.1	5.87	56772.71	56762.28516	56781.82307	56780.85547	503182.1	5411013.4
L3180	503182.1	5411013.4	38912.30078	306.12	0	48.852081	-86.956623	56766.86	56244.1	5.87	56772.73	56762.17969	56778.71396	56777.77344	503182.1	5411013.4
L3180	503182.1	5411013.5	38912.39844	305.67	0	48.852081	-86.956623	56766.50	56244.1	5.87	56772.38	56761.70313	56772.11676	56771.20703	503182.1	5411013.5
L3180	503182.1	5411013.5	38912.50000	303.99	0	48.852081	-86.956623	56766.12	56244.1	5.88	56772.00	56761.19922	56766.29826	56765.41797	503182.1	5411013.5
L3180	503182.1	5411013.5	38912.60156	305.07	0	48.852081	-86.956623	56766.40	56244.1	5.88	56772.28	56761.35156	56766.91864	56766.06641	503182.1	5411013.5
L3180	503182.1	5411013.5	38912.69922	303.49	0	48.852082	-86.956623	56766.56	56244.1	5.88	56772.44	56761.38672	56766.55251	56765.73047	503182.1	5411013.5
L3180	503182.1	5411013.6	38912.80078	299.14	0	48.852082	-86.956622	56766.77	56244.1	5.88	56772.65	56761.46875	56768.85268	56768.05859	503182.1	5411013.6
L3230.0	503232.3	5411010.4	38927.80078	304.99	0	48.852053	-86.955939	56584.06	56244.1	5.95	56590.01	56589.12891	56580.73201	56581.27734	503232.3	5411010.4
L3230.0	503232.3	5411010.4	38927.89844	304.86	0	48.852053	-86.955939	56583.74	56244.1	5.95	56589.69	56588.83984	56583.53105	56584.06250	503232.3	5411010.4
L3230.0	503232.4	5411010.2	38928.00000	305.10	0	48.852052	-86.955938	56583.04	56244.1	5.95	56588.99	56588.16797	56577.42764	56577.94141	503232.4	5411010.2
L3230.0	503232.4	5411010.2	38928.10156	308.17	0	48.852052	-86.955938	56583.04	56244	5.95	56588.99	56588.19922	56585.55694	56586.05859	503232.4	5411010.2
L3230.0	503232.4	5411010.1	38928.19922	311.41	0	48.852050	-86.955937	56582.37	56244	5.95	56588.32	56587.55859	56579.41784	56579.90234	503232.4	5411010.1
L3230.0	503232.5	5411009.9	38928.30078	310.81	0	48.852049	-86.955936	56582.68	56244	5.95	56588.63	56587.89453	56592.38758	56592.85547	503232.5	5411009.9
L3230.0	503232.5	5411009.9	38928.39844	308.41	0	48.852049	-86.955936	56582.09	56244	5.95	56588.04	56587.33594	56587.62089	56588.07422	503232.5	5411009.9
L3230.0	503232.5	5411009.7	38928.50000	306.22	0	48.852047	-86.955936	56582.17	56244	5.96	56588.13	56587.45313	56595.62975	56596.06641	503232.5	5411009.7
L3230.0	503232.5	5411009.5	38928.60156	303.32	0	48.852045	-86.955935	56581.63	56244	5.96	56587.58	56586.93359	56592.10813	56592.53125	503232.5	5411009.5

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L3230.0	503232.5	5411009.5	38928.69922	301.85	0	48.852045	-86.955935	56581.36	56244	5.96	56587.31	56586.69141	56593.96313	56594.37500	503232.5	5411009.5
L3230.0	503232.6	5411009.3	38928.80078	302.66	0	48.852043	-86.955935	56580.96	56244	5.96	56586.92	56586.33203	56594.15737	56594.55469	503232.6	5411009.3
L3230.0	503232.6	5411009.1	38928.89844	299.45	0	48.852041	-86.955934	56580.23	56244	5.96	56586.19	56585.62891	56589.35287	56589.73438	503232.6	5411009.1
L3230.0	503232.6	5411009.1	38929.00000	298.42	0	48.852041	-86.955934	56579.87	56244	5.96	56585.83	56585.29688	56591.07319	56591.44141	503232.6	5411009.1
L3230.0	503232.6	5411008.8	38929.10156	298.13	0	48.852039	-86.955934	56578.87	56244	5.96	56584.83	56584.32422	56583.47858	56583.83203	503232.6	5411008.8
L3230.0	503232.6	5411008.8	38929.19922	301.02	0	48.852039	-86.955934	56578.92	56244	5.96	56584.89	56584.41406	56592.07498	56592.41797	503232.6	5411008.8
L3230.0	503232.7	5411008.5	38929.30078	302.56	0	48.852036	-86.955934	56577.98	56244	5.97	56583.95	56583.50000	56586.28449	56586.61328	503232.7	5411008.5
L3230.0	503232.7	5411008.3	38929.39844	300.46	0	48.852034	-86.955933	56577.42	56244	5.97	56583.39	56582.96875	56586.06033	56586.37500	503232.7	5411008.3
L3230.0	503232.7	5411008.0	38929.50000	300.75	0	48.852032	-86.955933	56576.68	56244	5.97	56582.65	56582.25781	56583.41283	56583.71875	503232.7	5411008.0
L3230.0	503232.7	5411008.0	38929.60156	302.75	0	48.852032	-86.955933	56576.12	56244	5.97	56582.09	56581.72266	56582.95416	56583.25000	503232.7	5411008.0
L3230.0	503232.7	5411007.7	38929.69922	303.66	0	48.852029	-86.955933	56575.28	56244	5.97	56581.25	56580.91016	56578.80770	56579.08984	503232.7	5411007.7
L3230.0	503232.7	5411007.3	38929.80078	304.96	0	48.852026	-86.955933	56574.66	56244	5.98	56580.64	56580.32813	56577.15386	56577.42578	503232.7	5411007.3
L3230.0	503232.7	5411007.3	38929.89844	303.78	0	48.852026	-86.955933	56574.56	56244	5.98	56580.54	56580.25391	56580.72128	56580.98438	503232.7	5411007.3
L3230.0	503232.7	5411007.0	38930.00000	303.17	0	48.852023	-86.955934	56573.64	56244	5.98	56579.62	56579.35938	56574.75690	56575.01172	503232.7	5411007.0
L3230.0	503232.7	5411007.0	38930.10156	300.54	0	48.852023	-86.955934	56573.38	56244	5.98	56579.36	56579.12500	56575.41271	56575.66016	503232.7	5411007.0
L3230.0	503232.6	5411006.7	38930.19922	298.59	0	48.852020	-86.955934	56572.83	56244	5.98	56578.81	56578.60156	56572.67021	56572.90625	503232.6	5411006.7
L3230.0	503232.6	5411006.3	38930.30078	298.77	0	48.852016	-86.955935	56572.88	56244	5.98	56578.86	56578.67578	56575.31705	56575.54688	503232.6	5411006.3
L3230.0	503232.5	5411005.8	38930.39844	298.15	0	48.852012	-86.955936	56572.59	56244	5.98	56578.57	56578.41016	56574.34028	56574.56250	503232.5	5411005.8
L3230.0	503232.5	5411005.8	38930.50000	301.40	0	48.852012	-86.955936	56572.73	56244	5.98	56578.70	56578.56641	56576.79123	56577.00781	503232.5	5411005.8
L3230.0	503232.5	5411005.4	38930.60156	303.15	0	48.852008	-86.955936	56573.03	56244	5.97	56579.00	56578.89063	56580.27954	56580.49219	503232.5	5411005.4
L3230.0	503232.4	5411004.8	38930.69922	302.85	0	48.852003	-86.955937	56572.83	56244	5.97	56578.80	56578.71484	56579.48781	56579.69531	503232.4	5411004.8
L3230.0	503232.3	5411004.3	38930.80078	298.96	0	48.851999	-86.955939	56573.38	56244	5.97	56579.36	56579.29688	56584.56801	56584.76953	503232.3	5411004.3
L3230.0	503232.3	5411004.3	38930.89844	298.11	0	48.851999	-86.955939	56573.06	56244	5.97	56579.03	56578.99219	56582.91767	56583.11719	503232.3	5411004.3
L3230.0	503232.2	5411003.8	38931.00000	297.71	0	48.851994	-86.955940	56573.31	56244	5.97	56579.28	56579.26563	56585.72881	56585.92578	503232.2	5411003.8
L3230.0	503232.1	5411003.3	38931.10156	298.51	0	48.851989	-86.955941	56572.55	56244	5.97	56578.52	56578.52734	56581.67277	56581.86719	503232.1	5411003.3
L3230.0	503232.1	5411003.3	38931.19922	299.45	0	48.851989	-86.955941	56572.37	56244	5.98	56578.34	56578.37109	56582.09738	56582.29297	503232.1	5411003.3
L3230.0	503232.0	5411002.6	38931.30078	298.26	0	48.851983	-86.955943	56572.16	56244	5.98	56578.14	56578.19141	56582.78030	56582.97266	503232.0	5411002.6
L3230.0	503231.9	5411002.1	38931.39844	298.11	0	48.851979	-86.955944	56571.57	56244	5.98	56577.56	56577.63281	56581.26957	56581.46094	503231.9	5411002.1
L3230.0	503231.8	5411001.5	38931.50000	298.40	0	48.851974	-86.955946	56571.09	56244	5.99	56577.07	56577.16406	56580.81458	56581.00781	503231.8	5411001.5
L3230.0	503231.8	5411001.5	38931.60156	299.12	0	48.851974	-86.955946	56570.32	56244	5.99	56576.31	56576.42578	56578.82573	56579.02344	503231.8	5411001.5
L3230.0	503231.7	5411000.8	38931.69922	300.30	0	48.851967	-86.955947	56569.71	56244	5.99	56575.71	56575.84766	56578.38821	56578.58594	503231.7	5411000.8
L3230.0	503231.6	5411000.4	38931.80078	301.02	0	48.851963	-86.955948	56568.62	56244	5.99	56574.61	56574.76563	56574.36615	56574.56641	503231.6	5411000.4
L3230.0	503231.6	5411000.4	38931.89844	301.31	0	48.851963	-86.955948	56568.18	56244	6.00	56574.18	56574.35547	56576.06387	56576.26953	503231.6	5411000.4
L3230.0	503231.5	5410999.7	38932.00000	300.00	0	48.851957	-86.955949	56567.19	56244	6.00	56573.19	56573.38672	56573.40296	56573.61328	503231.5	5410999.7
L3230.0	503231.5	5410999.1	38932.10156	297.70	0	48.851951	-86.955950	56566.50	56244	6.00	56572.49	56572.70313	56573.62169	56573.83594	503231.5	5410999.1
L3230.0	503231.5	5410998.5	38932.19922	298.10	0	48.851946	-86.955950	56565.63	56244	6.00	56571.63	56571.86328	56572.69607	56572.91797	503231.5	5410998.5
L3230.0	503231.5	5410998.0	38932.30078	299.64	0	48.851942	-86.955950	56564.71	56244	5.99	56570.70	56570.94922	56571.33687	56571.56641	503231.5	5410998.0
L3230.0	503231.5	5410998.0	38932.39844	301.83	0	48.851942	-86.955950	56564.23	56244	5.99	56570.22	56570.48828	56575.15848	56575.39453	503231.5	5410998.0
L3230.0	503231.5	5410997.3	38932.50000	303.32	0	48.851935	-86.955950	56563.20	56244	5.99	56569.19	56569.47656	56573.35367	56573.59766	503231.5	5410997.3
L3230.0	503231.5	5410997.3	38932.60156	303.35	0	48.851935	-86.955950	56562.54	56244	5.99	56568.53	56568.83203	56576.08984	56576.34375	503231.5	5410997.3
L3230.0	503231.5	5410996.6	38932.69922	301.01	0	48.851929	-86.955950	56561.36	56244	5.99	56567.35	56567.66797	56572.88132	56573.14453	503231.5	5410996.6
L3230.0	503231.5	5410995.8	38932.80078	299.56	0	48.851922	-86.955950	56560.55	56244	5.98	56566.54	56566.87500	56574.35510	56574.62891	503231.5	5410995.8
L3230.0	503231.5	5410995.8	38932.89844	303.68	0	48.851922	-86.955950	56559.46	56244	5.98	56565.44	56565.78906	56572.34891	56572.63281	503231.5	5410995.8
L3230.0	503231.5	5410995.1	38933.00000	302.70	0	48.851915	-86.955949	56558.61	56244	5.98	56564.59	56564.95313	56573.65943	56573.95703	503231.5	5410995.1
L3230.0	503231.6	5410994.4	38933.10156	302.63	0	48.851909	-86.955948	56557.13	56244	5.98	56563.11	56563.48828	56566.85770	56567.16797	503231.6	5410994.4
L3230.0	503231.6	5410993.4	38933.19922	302.48	0	48.851901	-86.955948	56555.50	56244	5.98	56561.48	56561.87500	56558.11976	56558.44141	503231.6	5410993.4
L3230.0	503231.6	5410993.4	38933.30078	302.90	0	48.851901	-86.955948	56554.48	56244	5.98	56560.46	56560.86719	56557.44386	56557.77734	503231.6	5410993.4
L3230.0	503231.7	5410992.9	38933.39844	300.98	0	48.851896	-86.955947	56553.36	56244	5.98	56559.34	56559.76172	56555.54273	56555.89063	503231.7	5410992.9
L3230.0	503231.7	5410992.0	38933.50000	302.38	0	48.851888	-86.955946	56552.52	56244	5.99	56558.50	56558.93359	56557.29519	56557.66016	503231.7	5410992.0
L3230.0	503231.7	5410992.0	38933.60156	303.90	0	48.851888	-86.955946	56551.26	56244	5.99	56557.24	56557.68750	56553.73663	56554.11719	503231.7	5410992.0
L3230.0	503231.8	5410991.1	38933.69922	303.64	0	48.851880	-86.955946	56550.68	56244	5.99	56556.66	56557.11719	56558.66594	56559.06250	503231.8	5410991.1
L3230.0	503231.8	5410990.5	38933.80078	302.70	0	48.851874	-86.955946	56549.48	56244	5.99	56555.46	56555.92969	56555.93979	56556.35156	503231.8	5410990.5
L3230.0	503231.8	5410989.8	38933.89844	302.02	0	48.851868	-86.955945	56548.73	56244	5.99	56554.72	56555.20313	56558.68834	56559.11719	503231.8	5410989.8
L3230.0	503231.8	5410989.8	38934.00000	299.73	0	48.851868	-86.955945	56547.92	56244	5.99	56553.91	56554.40234	56560.47522	56560.92188	503231.8	5410989.8
L3230.0	503231.8	5410988.6	38934.10156	299.67	0	48.851858	-86.955945	56546.74	56244	5.99	56552.73	56553.23438	56558.13971	56558.60547	503231.8	5410988.6
L3230.0	503231.8	5410987.7	38934.19922	300.37	0	48.851850	-86.955945	56545.52	56244	5.99	56551.51	56552.02344	56555.57233	56556.05469	503231.8	5410987.7
L3230.0	503231.8	5410986.7	38934.30078	300.88	0	48.851840	-86.955945	56544.14	56244	5.98	56550.13	56550.65234	56551.62845	56552.12891	503231.8	5410986.7
L3230.0	503231.8	5410986.7	38934.39844	301.12	0	48.851840	-86.955945	56542.94	56244	5.98	56548.92	56549.45313	56549.67365	56550.19531	503231.8	5410986.7
L3230.0	503231.8	5410985.9	38934.50000	298.03	0	48.851833	-86.955945	56541.69	56244	5.98	56547.67	56548.21094	56547.55504	56548.09766	503231.8	5410985.9
L3230.0	503231.8	5410985.0	38934.60156	298.33	0	48.851825	-86.955945	56540.67	56244	5.98	56546.65	56547.19922	56547.71784	56548.27734	503231.8	5410985.0
L3230.0	503231.8	5410985.0	38934.69922	298.53	0	48.851825	-86.955945	56539.55	56244	5.98	56545.53	56546.08984	56547.06774	56547.64844	503231.8	5410985.0
L3230.0	503231.9	5410983.8	38934.80078	299.87	0	48.851814	-86.955945	56538.66	56244	5.97	56544.63	56545.19531	56548.37041	56548.97266	503231.9	5410983.8
L3230.0	503231.9	5410982.8	38934.89844	300.02	0	48.851805	-86.955944	56537.33	56244	5.97	56543.30	56543.87500	56546.13643	56546.75781	503231.9	5410982.8
L3230.0	503231.9	5410982.8	38935.00000	300.28	0	48.851805	-86.955944	56535.95	56244	5.97	56541.92	56542.50000	56543.65868	56544.30078	503231.9	5410982.8
L3230.0	503231.9	5410981.7	38935.10156	299.57	0	48.851795	-86.955944	56534.72	56244	5.97	56540.69	56541.27734	56542.49382	56543.15625	503231.9	5410981.7
L3230.0	503231.9	5410980.8	38935.19922	298.32	0	48.851787	-86.955944	56533.24	56244	5.97	56539.21	56539.80469	56539.45182	56540.13672	503231.9	5410980.8
L3230.0	503232.0	5410979.8	38935.30078	298.66	0	48.851778	-86.955943	56531.92	56244	5.97	56537.89	56538.48828	56537.71682	56538.42188	503232.0	5410979.8
L3230.0	503232.0	5410979.8	38935.39844	299.62	0	48.851778	-86.955943	56530.34	56244	5.97	56536.31	56536.91406	56534.02392	56534.75000	503232.0	5410979.8
L3230.0	503232.0	5410978.7	38935.50000	298.97	0	48.851768	-86.955943	56528.96	56244	5.98	56534.93	56535.53906	56531.86914	56532.61719	503232.0	5410978.7
L3230.0	503232.0	5410977.9	38935.60156	300.11	0	48.851761	-86.955943	56527.84	56244	5.98	56533.82	56534.43750	56531.75521	56532.52734	503232.0	5410977.9
L3230.0	503232.0	5410977.9	38935.69922	299.69	0	48.851761	-86.955943	56527.02	56244	5.98	56532.99	56533.60938	56533.76262	56534.55469	503232.0	5410977.9
L3230.0	503232.0	5410976.7	38935.80078	298.07	0	48.851750	-86.955943	56525.89	56244	5.98	56531.87	56532.49609	56533.55986	56534.37500	503232.0	5410976.7
L3230.0	503232.0	5410975.7	38935.89844	299.02	0	48.851741	-86.955943	56524.64	56244	5.98	56530.62	56531.25000	56532.35909	56533.19531	503232.0	5410975.7
L3230.0	503232.0	5410974.8	38936.00000	299.02	0	48.851733	-86.955943	56523.39	56244	5.98	56529.38	56530.01172	56531.23361	56532.08984	503232.0	5410974.8
L3230.0	503232.0	5410974.8	38936.10156	299.40	0	48.851733	-86.955943	56522.09	56244	5.98	56528.07	56528.70703	56529.57000	56530.44922	503232.0	5410974.8
L3230.0	503232.0	5410973.6	38936.19922	300.36	0	48.851723	-86.955943	56520.79	56244	5.98	56526.77	56527.41016	56527.99297	56528.89063	503232.0	5410973.6
L3230.0	503232.0	5410972.3	38936.30078	299.89	0	48.851710	-86.955943	56519.26	56244	5.98	56525.24	56525.88281	56524.59602	56525.51563	503232.0	5410972.3
L3230.0	503232.0	5410972.3	38936.39844	300.48	0	48.851710	-86.955943	56518.16	56244	5.98	56524.14	56524.78516	56524.64396	56525.58594	503232.0	5410972.3
L3230.0	503232.0	5410971.1	38936.50000	302.45	0	48.851700	-86.955943	56516.88	56244	5.98	56522.86	56523.50781	56523.28227	56524.24219	503232.0	5410971.1
L3230.0	503232.0	5410971.1	38936.60156	300.52	0	48.851700	-86.955943	56515.81	56244	5.98	56521.79	56522.43750	56523.73111	56524.71484	503232.0	5410971.1
L3230.0	503232.0	5410970.1	38936.69922	300.75	0	48.851690	-86.955943	56514.59	56244	5.98	56520.57	56521.22266	56522.99439	56523.99609	503232.0	5410970.1
L3230.0	503232.0	5410968.9	38936.80078	301.16	0	48.851680	-86.955942	56513.16	56244	5.98	56519.14	56519.79297	56520.42148	56521.44141	503232.0	5410968.9
L3230.0	503232.0	5410967.5	38936.89844	299.87	0	48.851667	-86.955942	56511.58	56244	5.98	56517.56	56518.21484	56516.40951	56517.44922	503232.0	5410967.5
L3230.0	503232.0	5410967.5	38937.00000	296.96	0	48.851667	-86.955942	56509.94	56244	5.98	56515.92	56516.57422	56511.71993	56512.78125	503232.0	5410967.5
L3230.0	503232.0	5410966.5	38937.10156	297.70	0	48.851659	-86.955942	56508.82	56244	5.98	56514.80	56515.45703	56511.88436	56512.96484	503232.0	5410966.5
L3230.0	503232.0	5410965.3	38937.19922	298.49	0	48.851648	-86.955942	56507.60	56244	5.98	56513.57	56514.22656	56511.03086	56512.12891	503232.0	5410965.3
L3230.0	503232.1	5410964.4	38937.30078	298.99	0	48.851639	-86.955942	56506.32	56244	5.97	56512.29	56512.94922	56509.69731	56510.81250	503232.1	5410964.4
L3230.0	503232.1	5410964.4	38937.39844	299.87	0	48.851639	-86.955942	56505.14	56244	5.97	56511.12	56511.77734	56509.41953	56510.55078	503232.1	5410964.4
L3230.0	503232.1	5410962.8	38937.50000	300.66	0	48.851625	-86.955942	56504.00	56244	5.97	56509.97	56510.62891	56509.30819	56510.45703	503232.1	5410962.8
L3230.0	503232.1	5410962.8	38937.60156	299.87	0	48.851625	-86.955942	56502.95	56244	5.97	56508.92	56509.57813	56510.08743	56511.25391	503232.1	5410962.8
L3230.0	503232.1	5410961.6	38937.69922	300.94	0	48.851615	-86.955942	56501.80	56244	5.97	56507.77	56508.42969	56509.84641	56511.02734	503232.1	5410961.6
L3230.0	503232.0	5410960.4	38937.80078	301.17	0	48.851604	-86.955942	56500.78	56244	5.96	56506.75	56507.40625	56510.69885	56511.89453	503232.0	5410960.4
L3230.0	503232.0	5410960.4	38937.89844	302.79	0	48.851604	-86.955942	56499.53	56244	5.96	56505.49	56506.14844	56509.32863	56510.53906	503232.0	5410960.4

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L3230.0	503232.0	5410959.3	38938.00000	303.35	0	48.851594	-86.955942	56498.05	56244	5.96	56504.01	56504.66797	56506.09506	56507.32031	503232.0	5410959.3
L3230.0	503232.0	5410958.1	38938.10156	301.84	0	48.851583	-86.955942	56496.37	56244	5.96	56502.33	56502.98438	56501.34250	56502.58203	503232.0	5410958.1
L3230.0	503232.1	5410957.2	38938.19922	301.05	0	48.851574	-86.955942	56494.86	56244	5.96	56500.82	56501.47266	56498.15710	56499.41016	503232.1	5410957.2
L3230.0	503232.1	5410957.2	38938.30078	300.53	0	48.851574	-86.955942	56493.66	56244	5.96	56499.62	56500.27344	56497.47770	56498.74219	503232.1	5410957.2
L3230.0	503232.1	5410955.9	38938.39844	299.17	0	48.851563	-86.955942	56492.28	56244	5.96	56498.24	56498.89063	56495.41947	56496.69531	503232.1	5410955.9
L3230.0	503232.1	5410954.5	38938.50000	298.65	0	48.851551	-86.955941	56491.01	56244	5.96	56496.97	56497.62109	56494.20381	56495.49219	503232.1	5410954.5
L3230.0	503232.1	5410953.5	38938.60156	298.63	0	48.851541	-86.955941	56489.76	56244	5.96	56495.72	56496.37109	56493.12386	56494.42188	503232.1	5410953.5
L3230.0	503232.1	5410953.5	38938.69922	295.99	0	48.851541	-86.955941	56488.76	56244	5.96	56494.72	56495.36719	56493.78496	56495.09375	503232.1	5410953.5
L3230.0	503232.2	5410952.3	38938.80078	296.12	0	48.851531	-86.955941	56487.69	56244	5.96	56493.65	56494.29688	56493.88645	56495.20313	503232.2	5410952.3
L3230.0	503232.2	5410951.1	38938.89844	297.23	0	48.851520	-86.955940	56486.67	56244	5.96	56492.63	56493.27344	56494.27605	56495.60156	503232.2	5410951.1
L3230.0	503232.2	5410951.1	38939.00000	297.91	0	48.851520	-86.955940	56485.16	56244	5.96	56491.12	56491.76172	56487.07604	56488.41016	503232.2	5410951.1
L3230.0	503232.2	5410950.0	38939.10156	298.47	0	48.851510	-86.955940	56484.04	56244	5.96	56490.00	56490.64063	56492.13948	56493.48047	503232.2	5410950.0
L3230.0	503232.2	5410948.6	38939.19922	299.38	0	48.851497	-86.955940	56482.64	56244	5.95	56488.60	56489.23828	56486.98830	56488.33594	503232.2	5410948.6
L3230.0	503232.2	5410948.6	38939.30078	299.38	0	48.851497	-86.955940	56481.26	56244	5.95	56487.21	56487.84766	56487.52989	56488.88281	503232.2	5410948.6
L3230.0	503232.2	5410947.3	38939.39844	300.24	0	48.851485	-86.955940	56479.70	56244.1	5.95	56485.65	56486.28516	56484.12431	56485.48438	503232.2	5410947.3
L3230.0	503232.2	5410946.0	38939.50000	302.72	0	48.851474	-86.955940	56478.50	56244.1	5.94	56484.45	56485.08203	56480.14119	56481.50781	503232.2	5410946.0
L3230.0	503232.2	5410946.0	38939.60156	303.34	0	48.851474	-86.955940	56477.66	56244.1	5.94	56483.60	56484.23047	56489.03590	56490.40625	503232.2	5410946.0
L3230.0	503232.2	5410944.6	38939.69922	302.82	0	48.851462	-86.955940	56476.23	56244.1	5.94	56482.17	56482.79688	56473.19625	56474.56641	503232.2	5410944.6
L3230.0	503232.2	5410943.4	38939.80078	301.67	0	48.851451	-86.955941	56475.46	56244.1	5.94	56481.40	56482.02734	56482.87847	56484.25391	503232.2	5410943.4
L3230.0	503232.2	5410943.4	38939.89844	298.66	0	48.851451	-86.955941	56473.47	56244.1	5.93	56479.41	56480.03516	56476.31669	56477.69141	503232.2	5410943.4
L3230.0	503232.2	5410942.2	38940.00000	299.97	0	48.851440	-86.955941	56472.58	56244.1	5.93	56478.51	56479.13281	56477.28236	56478.66016	503232.2	5410942.2
L3230.0	503232.1	5410941.0	38940.10156	301.23	0	48.851429	-86.955941	56471.13	56244.1	5.93	56477.06	56477.67969	56474.33247	56475.71094	503232.1	5410941.0
L3230.0	503232.1	5410941.0	38940.19922	300.73	0	48.851429	-86.955941	56470.28	56244.1	5.94	56476.22	56476.83594	56475.73403	56477.11328	503232.1	5410941.0
L3230.0	503232.1	5410939.3	38940.30078	300.25	0	48.851414	-86.955942	56469.16	56244.1	5.94	56475.10	56475.71484	56475.09488	56476.47266	503232.1	5410939.3
L3230.0	503232.1	5410938.0	38940.39844	301.17	0	48.851402	-86.955942	56467.71	56244.1	5.94	56473.65	56474.26172	56472.04967	56473.42578	503232.1	5410938.0
L3230.0	503232.1	5410936.9	38940.50000	298.99	0	48.851392	-86.955942	56466.54	56244.1	5.94	56472.48	56473.08984	56470.99912	56472.37500	503232.1	5410936.9
L3230.0	503232.1	5410936.9	38940.60156	298.66	0	48.851392	-86.955942	56465.23	56244.1	5.95	56471.18	56471.78906	56469.03159	56470.40234	503232.1	5410936.9
L3230.0	503232.1	5410935.7	38940.69922	298.11	0	48.851382	-86.955942	56464.44	56244	5.95	56470.39	56470.99609	56475.19727	56476.56641	503232.1	5410935.7
L3230.0	503232.0	5410934.4	38940.80078	299.55	0	48.851369	-86.955943	56463.12	56244	5.95	56469.07	56469.67188	56462.16119	56463.52734	503232.0	5410934.4
L3230.0	503232.0	5410932.6	38940.89844	298.70	0	48.851354	-86.955943	56462.32	56244	5.96	56468.28	56468.87891	56474.41713	56475.77734	503232.0	5410932.6
L3230.0	503232.0	5410932.6	38941.00000	297.44	0	48.851354	-86.955943	56460.59	56244	5.96	56466.55	56467.14844	56461.00316	56462.35938	503232.0	5410932.6
L3230.0	503232.0	5410931.4	38941.10156	298.22	0	48.851343	-86.955943	56459.34	56244	5.95	56465.29	56465.88672	56467.04763	56468.39844	503232.0	5410931.4
L3230.0	503232.0	5410931.4	38941.19922	299.95	0	48.851343	-86.955943	56457.91	56244.1	5.95	56463.85	56464.44141	56459.79357	56461.14063	503232.0	5410931.4
L3230.0	503232.0	5410930.2	38941.30078	301.67	0	48.851332	-86.955943	56457.17	56244.1	5.94	56463.11	56463.69922	56462.16925	56463.50781	503232.0	5410930.2
L3230.0	503232.0	5410930.2	38941.39844	299.79	0	48.851332	-86.955943	56456.45	56244.1	5.94	56462.39	56462.97656	56464.27105	56465.60547	503232.0	5410930.2
L3230.0	503232.0	5410928.1	38941.50000	300.49	0	48.851313	-86.955944	56455.13	56244.1	5.93	56461.06	56461.64453	56457.67391	56459.00000	503232.0	5410928.1
L3230.0	503232.0	5410927.0	38941.60156	297.30	0	48.851303	-86.955944	56454.18	56244.1	5.92	56460.10	56460.68359	56462.79170	56464.10938	503232.0	5410927.0
L3230.0	503231.9	5410925.8	38941.69922	297.57	0	48.851292	-86.955944	56452.73	56244.1	5.92	56458.64	56459.22266	56453.64373	56454.95313	503231.9	5410925.8
L3230.0	503231.9	5410925.8	38941.80078	299.40	0	48.851292	-86.955944	56452.16	56244.1	5.91	56458.08	56458.66016	56461.34698	56462.64844	503231.9	5410925.8
L3230.0	503231.9	5410924.5	38941.89844	299.17	0	48.851280	-86.955945	56450.82	56244.1	5.91	56456.72	56457.29688	56453.72476	56455.01563	503231.9	5410924.5
L3230.0	503231.9	5410922.4	38942.00000	297.59	0	48.851262	-86.955945	56449.77	56244.1	5.90	56455.67	56456.24609	56456.65388	56457.93750	503231.9	5410922.4
L3230.0	503231.9	5410922.4	38942.10156	296.74	0	48.851262	-86.955945	56448.36	56244.1	5.90	56454.26	56454.83203	56453.31893	56454.59375	503231.9	5410922.4
L3230.0	503231.8	5410921.3	38942.19922	297.32	0	48.851252	-86.955946	56446.93	56244.1	5.90	56452.84	56453.41016	56450.26887	56451.53516	503231.8	5410921.3
L3230.0	503231.8	5410921.3	38942.30078	297.41	0	48.851252	-86.955946	56446.02	56244.1	5.91	56451.92	56452.48828	56452.02840	56453.28125	503231.8	5410921.3
L3230.0	503231.8	5410919.5	38942.39844	298.54	0	48.851235	-86.955947	56445.07	56244.1	5.91	56450.98	56451.54688	56447.69563	56448.94141	503231.8	5410919.5
L3230.0	503231.7	5410918.4	38942.50000	298.23	0	48.851226	-86.955947	56444.41	56244.1	5.91	56450.32	56450.88281	56452.80216	56454.03516	503231.7	5410918.4
L3230.0	503231.7	5410918.4	38942.60156	297.27	0	48.851226	-86.955947	56443.31	56244.1	5.91	56449.22	56449.78125	56442.85901	56444.08203	503231.7	5410918.4
L3230.0	503231.7	5410916.4	38942.69922	299.87	0	48.851208	-86.955948	56443.13	56244.1	5.91	56449.05	56449.60938	56453.46483	56454.67578	503231.7	5410916.4
L3230.0	503231.6	5410915.4	38942.80078	300.73	0	48.851198	-86.955949	56442.06	56244.1	5.92	56447.97	56448.52734	56445.23641	56446.43750	503231.6	5410915.4
L3230.0	503231.6	5410914.1	38942.89844	302.58	0	48.851187	-86.955949	56440.91	56244.1	5.92	56446.83	56447.38672	56447.53484	56448.72266	503231.6	5410914.1
L3230.0	503231.6	5410914.1	38943.00000	301.37	0	48.851187	-86.955949	56439.54	56244.1	5.92	56445.46	56446.01172	56443.01754	56444.19531	503231.6	5410914.1
L3230.0	503231.5	5410912.6	38943.10156	301.00	0	48.851173	-86.955950	56438.54	56244.1	5.92	56444.46	56445.01172	56439.65735	56440.82422	503231.5	5410912.6
L3230.0	503231.5	5410912.6	38943.19922	299.29	0	48.851173	-86.955950	56438.13	56244.1	5.92	56444.05	56444.59766	56447.03396	56448.19141	503231.5	5410912.6
L3230.0	503231.5	5410910.3	38943.30078	300.31	0	48.851153	-86.955950	56437.18	56244.1	5.92	56443.10	56443.64453	56442.76690	56443.91016	503231.5	5410910.3
L3230.0	503231.5	5410909.6	38943.39844	300.22	0	48.851146	-86.955950	56436.14	56244.1	5.92	56442.06	56442.60547	56440.97263	56442.10547	503231.5	5410909.6
L3230.0	503231.5	5410909.6	38943.50000	300.95	0	48.851146	-86.955950	56434.81	56244.1	5.92	56440.73	56441.27344	56436.91849	56438.03906	503231.5	5410909.6
L3230.0	503231.5	5410907.8	38943.60156	300.63	0	48.851130	-86.955951	56434.40	56244.1	5.92	56440.32	56440.85938	56439.84557	56440.95703	503231.5	5410907.8
L3230.0	503231.5	5410906.3	38943.69922	298.16	0	48.851117	-86.955951	56433.23	56244.1	5.92	56439.15	56439.68750	56436.89512	56437.99219	503231.5	5410906.3
L3230.0	503231.5	5410906.3	38943.80078	299.23	0	48.851117	-86.955951	56432.54	56244.1	5.92	56438.46	56438.99609	56437.85226	56438.93750	503231.5	5410906.3
L3230.0	503231.5	5410904.7	38943.89844	300.25	0	48.851102	-86.955951	56431.26	56244.1	5.92	56437.18	56437.71484	56433.81198	56434.88672	503231.5	5410904.7
L3230.0	503231.5	5410904.7	38944.00000	298.02	0	48.851102	-86.955951	56430.52	56244.1	5.92	56436.44	56436.97266	56434.40907	56435.47266	503231.5	5410904.7
L3230.0	503231.5	5410903.0	38944.10156	299.83	0	48.851087	-86.955951	56429.30	56244.1	5.92	56435.22	56435.75000	56430.68296	56431.73828	503231.5	5410903.0
L3230.0	503231.5	5410903.0	38944.19922	300.75	0	48.851087	-86.955951	56428.64	56244.1	5.92	56434.56	56435.08594	56432.06638	56433.10938	503231.5	5410903.0
L3230.0	503231.5	5410901.2	38944.30078	297.80	0	48.851071	-86.955950	56427.84	56244.1	5.92	56433.76	56434.28516	56432.19655	56433.22656	503231.5	5410901.2
L3230.0	503231.5	5410899.5	38944.39844	297.56	0	48.851056	-86.955950	56426.75	56244.1	5.92	56432.67	56433.19141	56429.49848	56430.51953	503231.5	5410899.5
L3230.0	503231.5	5410898.6	38944.50000	299.77	0	48.851048	-86.955950	56426.16	56244.1	5.92	56432.08	56432.60156	56431.70818	56432.71875	503231.5	5410898.6
L3230.0	503231.5	5410897.2	38944.60156	300.70	0	48.851035	-86.955950	56424.93	56244.1	5.92	56430.85	56431.36719	56427.46737	56428.46875	503231.5	5410897.2
L3230.0	503231.5	5410897.2	38944.69922	301.01	0	48.851035	-86.955950	56424.47	56244.1	5.92	56430.39	56430.90625	56431.06511	56432.05469	503231.5	5410897.2
L3230.0	503231.6	5410896.1	38944.80078	302.11	0	48.851025	-86.955949	56423.25	56244.1	5.92	56429.17	56429.68359	56426.74276	56427.72266	503231.6	5410896.1
L3230.0	503231.6	5410894.6	38944.89844	301.87	0	48.851012	-86.955949	56422.46	56244.1	5.92	56428.38	56428.89063	56426.86699	56427.83984	503231.6	5410894.6
L3230.0	503231.6	5410894.6	38945.00000	300.45	0	48.851012	-86.955949	56421.28	56244.1	5.92	56427.20	56427.71094	56422.72247	56423.68359	503231.6	5410894.6
L3230.0	503231.6	5410893.0	38945.10156	301.42	0	48.850997	-86.955949	56420.32	56244.1	5.92	56426.24	56426.75000	56420.84973	56421.80469	503231.6	5410893.0
L3230.0	503231.6	5410891.8	38945.19922	301.60	0	48.850986	-86.955949	56419.47	56244.1	5.92	56425.39	56425.89453	56420.11008	56421.05469	503231.6	5410891.8
L3230.0	503231.6	5410891.8	38945.30078	301.62	0	48.850986	-86.955949	56418.94	56244.1	5.92	56424.86	56425.36328	56422.87445	56423.80859	503231.6	5410891.8
L3230.0	503231.7	5410888.9	38945.39844	300.94	0	48.850961	-86.955948	56418.25	56244.1	5.92	56424.16	56424.66016	56423.67609	56424.60547	503231.7	5410888.9
L3230.0	503231.7	5410888.9	38945.50000	298.78	0	48.850961	-86.955948	56416.92	56244.1	5.92	56422.83	56423.32813	56417.31769	56418.23828	503231.7	5410888.9
L3230.0	503231.7	5410887.6	38945.60156	299.41	0	48.850949	-86.955948	56416.26	56244.1	5.91	56422.17	56422.66797	56418.37523	56419.28906	503231.7	5410887.6
L3230.0	503231.7	5410887.6	38945.69922	300.36	0	48.850949	-86.955948	56415.42	56244.1	5.91	56421.33	56421.82422	56417.32625	56418.23047	503231.7	5410887.6
L3230.0	503231.7	5410885.8	38945.80078	302.04	0	48.850932	-86.955947	56414.75	56244.1	5.91	56420.66	56421.15234	56418.04540	56418.94141	503231.7	5410885.8
L3230.0	503231.8	5410884.4	38945.89844	303.94	0	48.850920	-86.955947	56413.91	56244.1	5.91	56419.82	56420.31250	56416.81659	56417.70703	503231.8	5410884.4
L3230.0	503231.8	5410883.1	38946.00000	302.24	0	48.850908	-86.955946	56413.24	56244.1	5.91	56419.15	56419.64063	56417.29654	56418.17969	503231.8	5410883.1
L3230.0	503231.8	5410883.1	38946.10156	299.99	0	48.850908	-86.955946	56412.25	56244.1	5.91	56418.16	56418.64844	56414.44313	56415.32031	503231.8	5410883.1
L3230.0	503231.8	5410881.5	38946.19922	301.73	0	48.850894	-86.955946	56411.48	56244.1	5.92	56417.40	56417.88672	56413.91435	56414.78906	503231.8	5410881.5
L3230.0	503231.9	5410880.2	38946.30078	301.54	0	48.850882	-86.955946	56410.74	56244.1	5.92	56416.66	56417.14453	56413.53187	56414.39844	503231.9	5410880.2
L3230.0	503231.9	5410880.2	38946.39844	301.18	0	48.850882	-86.955946	56410.16	56244.1	5.93	56416.09	56416.57031	56414.56375	56415.42578	503231.9	5410880.2
L3230.0	503231.9	5410878.8	38946.50000	302.02	0	48.850870	-86.955945	56409.52	56244.1	5.93	56415.45	56415.92969	56414.81234	56415.66797	503231.9	5410878.8
L3230.0	503231.9	5410877.4	38946.60156	301.26	0	48.850857	-86.955945	56408.42	56244.1	5.93	56414.36	56414.83594	56411.60044	56412.45313	503231.9	5410877.4
L3230.0	503231.9	5410875.6	38946.69922	299.51	0	48.850841	-86.955945	56407.84	56244.1	5.94	56413.77	56414.24609	56417.71560	56418.56250	503231.9	5410875.6
L3230.0	503231.9	5410874.5	38946.80078	299.67	0	48.850830	-86.955945	56406.79	56244.1	5.94	56412.73	56413.20313	56404.74185	56405.58594	503231.9	5410874.5
L3230.0	503231.9	5410874.5	38946.89844	300.07	0	48.850830	-86.955945	56406.56	56244.1	5.95	56412.50	56412.96875	56416.34457	56417.18359	503231.9	5410874.5
L3230.0	503231.9	5410872.7	38947.00000	299.05	0	48.850815	-86.955945	56405.52	56244.1	5.95	56411.47	56411.93750	56407.95525	56408.79297	503231.9	5410872.7
L3230.0	503231.9	5410871.3	38947.10156	297.68	0	48.850802	-86.955945	56404.90	56244	5.95	56410.85	56411.31641	56410.55431	56411.39063	503231.9	5410871.3
L3230.0	503231.9	5410871.3	38947.19922	297.27	0	48.850802	-86.955945	56404.24	56244	5.96	56410.19	56410.65234	56410.02497	56410.85547	503231.9	5410871.3

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L3230.0	503232.0	5410870.0	38947.30078	297.53	0	48.850790	-86.955944	56403.42	56244	5.96	56409.38	56409.83984	56408.78399	56409.61328	503232.0	5410870.0
L3230.0	503232.0	5410868.5	38947.39844	297.86	0	48.850776	-86.955944	56402.86	56244	5.96	56408.82	56409.28125	56408.82000	56409.64844	503232.0	5410868.5
L3230.0	503232.0	5410867.2	38947.50000	296.98	0	48.850765	-86.955944	56401.96	56244	5.96	56407.93	56408.38672	56408.29628	56409.12109	503232.0	5410867.2
L3230.0	503232.0	5410867.2	38947.60156	297.45	0	48.850765	-86.955944	56401.45	56244	5.97	56407.42	56407.87500	56407.96401	56408.78906	503232.0	5410867.2
L3230.0	503232.0	5410865.4	38947.69922	296.84	0	48.850748	-86.955944	56400.43	56244	5.97	56406.40	56406.85156	56407.48106	56408.30469	503232.0	5410865.4
L3230.0	503232.0	5410864.0	38947.80078	296.64	0	48.850736	-86.955944	56400.23	56244	5.97	56406.20	56406.65234	56407.06289	56407.88281	503232.0	5410864.0
L3230.0	503232.0	5410864.0	38947.89844	295.64	0	48.850736	-86.955944	56399.16	56244	5.98	56405.14	56405.58984	56406.70818	56407.52734	503232.0	5410864.0
L3230.0	503232.0	5410862.2	38948.00000	294.63	0	48.850720	-86.955944	56398.88	56244	5.98	56404.86	56405.30859	56406.10936	56406.92969	503232.0	5410862.2
L3230.0	503232.0	5410862.2	38948.10156	296.10	0	48.850720	-86.955944	56397.96	56244	5.98	56403.94	56404.38672	56405.77607	56406.59766	503232.0	5410862.2
L3230.0	503232.0	5410860.2	38948.19922	294.35	0	48.850702	-86.955945	56397.63	56244	5.98	56403.61	56404.05469	56405.15111	56405.96875	503232.0	5410860.2
L3230.0	503231.9	5410858.9	38948.30078	293.70	0	48.850691	-86.955945	56397.02	56244	5.98	56403.00	56403.44141	56404.72160	56405.53906	503231.9	5410858.9
L3230.0	503231.9	5410857.8	38948.39844	293.10	0	48.850681	-86.955945	56396.96	56244	5.98	56402.95	56403.38672	56404.02010	56404.83984	503231.9	5410857.8
L3230.0	503231.9	5410857.8	38948.50000	293.89	0	48.850681	-86.955945	56396.50	56244	5.99	56402.49	56402.92578	56403.43684	56404.25781	503231.9	5410857.8
L3230.0	503231.9	5410855.9	38948.60156	292.46	0	48.850663	-86.955945	56395.82	56244	5.99	56401.81	56402.24609	56402.77260	56403.59375	503231.9	5410855.9
L3230.0	503231.9	5410854.5	38948.69922	293.54	0	48.850651	-86.955946	56395.51	56244	5.99	56401.50	56401.93359	56402.03851	56402.85938	503231.9	5410854.5
L3230.0	503231.9	5410854.5	38948.80078	293.85	0	48.850651	-86.955946	56394.64	56244	5.99	56400.63	56401.05859	56401.10014	56401.92188	503231.9	5410854.5
L3230.0	503231.9	5410853.3	38948.89844	293.80	0	48.850640	-86.955946	56394.41	56244	5.99	56400.40	56400.82813	56400.47240	56401.29688	503231.9	5410853.3
L3230.0	503231.9	5410851.7	38949.00000	297.22	0	48.850625	-86.955946	56393.42	56244	5.99	56399.41	56399.83594	56398.37175	56399.19531	503231.9	5410851.7
L3230.0	503231.9	5410851.7	38949.10156	298.52	0	48.850625	-86.955946	56392.90	56244	5.99	56398.89	56399.31250	56399.38341	56400.21094	503231.9	5410851.7
L3230.0	503231.9	5410850.3	38949.19922	299.72	0	48.850613	-86.955946	56392.22	56244	5.99	56398.21	56398.63281	56395.36038	56396.18750	503231.9	5410850.3
L3230.0	503231.8	5410848.9	38949.30078	299.58	0	48.850601	-86.955946	56391.81	56244	5.99	56397.80	56398.21875	56397.69040	56398.51953	503231.8	5410848.9
L3230.0	503231.8	5410847.7	38949.39844	298.72	0	48.850589	-86.955946	56391.22	56244	5.99	56397.21	56397.62891	56393.07119	56393.90234	503231.8	5410847.7
L3230.0	503231.8	5410846.4	38949.50000	298.71	0	48.850578	-86.955946	56390.81	56244	5.99	56396.80	56397.21484	56392.29572	56393.12891	503231.8	5410846.4
L3230.0	503231.8	5410844.7	38949.60156	300.98	0	48.850563	-86.955946	56390.71	56244	5.98	56396.70	56397.11328	56394.70534	56395.54297	503231.8	5410844.7
L3230.0	503231.8	5410844.7	38949.69922	303.08	0	48.850563	-86.955946	56390.33	56244	5.98	56396.31	56396.72266	56394.78115	56395.62109	503231.8	5410844.7
L3230.0	503231.8	5410842.9	38949.80078	304.31	0	48.850546	-86.955946	56390.10	56244	5.98	56396.08	56396.48828	56396.89620	56397.73828	503231.8	5410842.9
L3230.0	503231.8	5410842.9	38949.89844	307.28	0	48.850546	-86.955946	56389.20	56244	5.98	56395.18	56395.58594	56390.54381	56391.38672	503231.8	5410842.9
L3230.0	503231.8	5410841.2	38950.00000	306.69	0	48.850531	-86.955946	56389.00	56244	5.98	56394.98	56395.38672	56393.12170	56393.96875	503231.8	5410841.2
L3230.0	503231.9	5410839.6	38950.10156	305.11	0	48.850517	-86.955946	56388.32	56244	5.98	56394.30	56394.70313	56388.88147	56389.73047	503231.9	5410839.6
L3230.0	503231.9	5410839.6	38950.19922	303.50	0	48.850517	-86.955946	56388.16	56244	5.99	56394.15	56394.55078	56392.42358	56393.27734	503231.9	5410839.6
L3230.0	503231.9	5410838.2	38950.30078	304.23	0	48.850505	-86.955946	56387.78	56244	5.99	56393.77	56394.16797	56392.51048	56393.36719	503231.9	5410838.2
L3230.0	503231.9	5410836.6	38950.39844	303.64	0	48.850490	-86.955946	56387.26	56244	5.99	56393.25	56393.64453	56390.26324	56391.12109	503231.9	5410836.6
L3230.0	503231.9	5410836.6	38950.50000	303.78	0	48.850490	-86.955946	56386.68	56244	6.00	56392.68	56393.07422	56387.06331	56387.92578	503231.9	5410836.6
L3230.0	503231.9	5410835.5	38950.60156	301.37	0	48.850480	-86.955945	56385.96	56244	6.00	56391.96	56392.35156	56381.28979	56382.15234	503231.9	5410835.5
L3230.0	503231.9	5410834.1	38950.69922	301.04	0	48.850468	-86.955945	56385.71	56244	6.00	56391.71	56392.10156	56383.19350	56384.05859	503231.9	5410834.1
L3230.0	503231.9	5410834.1	38950.80078	301.82	0	48.850468	-86.955945	56385.18	56244	6.00	56391.18	56391.56641	56380.44264	56381.31250	503231.9	5410834.1
L3230.0	503231.9	5410832.7	38950.89844	301.82	0	48.850455	-86.955945	56385.25	56244	6.01	56391.26	56391.64453	56387.54954	56388.42188	503231.9	5410832.7
L3230.0	503232.0	5410831.0	38951.00000	302.62	0	48.850439	-86.955945	56385.02	56244	6.01	56391.03	56391.41406	56389.44200	56390.31641	503232.0	5410831.0
L3230.0	503232.0	5410829.5	38951.10156	301.89	0	48.850426	-86.955944	56384.79	56244	6.01	56390.80	56391.17969	56391.17495	56392.05469	503232.0	5410829.5
L3230.0	503232.0	5410829.5	38951.19922	299.65	0	48.850426	-86.955944	56384.16	56244	6.01	56390.17	56390.55078	56386.49953	56387.37891	503232.0	5410829.5
L3230.0	503232.0	5410828.1	38951.30078	301.68	0	48.850413	-86.955944	56383.62	56244	6.01	56389.63	56390.00781	56383.21269	56384.09766	503232.0	5410828.1
L3230.0	503232.1	5410826.3	38951.39844	302.09	0	48.850397	-86.955943	56383.36	56244	6.01	56389.37	56389.74609	56384.14474	56385.03125	503232.1	5410826.3
L3230.0	503232.1	5410825.2	38951.50000	303.33	0	48.850387	-86.955943	56383.06	56244	6.01	56389.07	56389.44141	56384.33274	56385.22266	503232.1	5410825.2
L3230.0	503232.1	5410823.7	38951.60156	301.84	0	48.850374	-86.955943	56382.90	56244	6.02	56388.92	56389.28906	56386.63674	56387.52734	503232.1	5410823.7
L3230.0	503232.1	5410823.7	38951.69922	300.69	0	48.850374	-86.955943	56382.65	56244	6.02	56388.67	56389.03906	56387.31406	56388.20703	503232.1	5410823.7
L3230.0	503232.1	5410822.0	38951.80078	301.71	0	48.850358	-86.955942	56382.21	56244	6.02	56388.23	56388.59766	56385.08738	56385.98438	503232.1	5410822.0
L3230.0	503232.1	5410820.6	38951.89844	301.82	0	48.850346	-86.955942	56381.98	56244	6.02	56388.00	56388.36328	56385.86591	56386.76563	503232.1	5410820.6
L3230.0	503232.1	5410820.6	38952.00000	303.18	0	48.850346	-86.955942	56381.42	56244	6.02	56387.44	56387.80078	56381.74083	56382.64063	503232.1	5410820.6
L3230.0	503232.2	5410819.3	38952.10156	301.78	0	48.850334	-86.955942	56380.98	56244	6.02	56387.00	56387.35938	56379.30880	56380.21094	503232.2	5410819.3
L3230.0	503232.2	5410817.6	38952.19922	302.54	0	48.850319	-86.955942	56380.76	56244	6.02	56386.77	56387.12500	56379.85918	56380.76563	503232.2	5410817.6
L3230.0	503232.2	5410817.6	38952.30078	303.31	0	48.850319	-86.955942	56380.63	56244	6.01	56386.65	56387.00391	56381.91990	56382.82813	503232.2	5410817.6
L3230.0	503232.2	5410816.0	38952.39844	303.33	0	48.850305	-86.955941	56380.58	56244	6.01	56386.59	56386.94141	56384.74845	56385.65625	503232.2	5410816.0
L3230.0	503232.2	5410814.7	38952.50000	303.88	0	48.850292	-86.955941	56380.35	56244	6.01	56386.36	56386.71094	56385.04360	56385.95313	503232.2	5410814.7
L3230.0	503232.3	5410813.1	38952.60156	302.70	0	48.850278	-86.955941	56380.02	56244	6.01	56386.03	56386.37891	56383.83216	56384.74609	503232.3	5410813.1
L3230.0	503232.3	5410811.4	38952.69922	303.23	0	48.850263	-86.955940	56379.61	56244	6.01	56385.61	56385.95703	56381.27715	56382.19141	503232.3	5410811.4
L3230.0	503232.3	5410811.4	38952.80078	301.47	0	48.850263	-86.955940	56379.46	56244	6.00	56385.46	56385.80469	56382.43051	56383.34766	503232.3	5410811.4
L3230.0	503232.3	5410810.0	38952.89844	301.47	0	48.850251	-86.955940	56379.15	56244	6.00	56385.15	56385.49219	56381.23972	56382.15625	503232.3	5410810.0
L3230.0	503232.3	5410810.0	38953.00000	300.60	0	48.850251	-86.955940	56378.96	56244	6.00	56384.96	56385.29688	56381.60252	56382.51953	503232.3	5410810.0
L3230.0	503232.3	5410808.2	38953.10156	299.55	0	48.850234	-86.955940	56378.84	56244	6.00	56384.85	56385.18750	56382.93195	56383.85156	503232.3	5410808.2
L3230.0	503232.3	5410808.2	38953.19922	298.60	0	48.850234	-86.955940	56378.38	56244	6.00	56384.39	56384.72266	56379.36416	56380.28125	503232.3	5410808.2
L3230.0	503232.3	5410806.3	38953.30078	298.06	0	48.850217	-86.955940	56378.34	56244	6.01	56384.35	56384.67969	56381.38978	56382.30859	503232.3	5410806.3
L3230.0	503232.3	5410804.2	38953.39844	299.71	0	48.850198	-86.955940	56378.08	56244	6.01	56384.09	56384.41797	56380.31459	56381.23438	503232.3	5410804.2
L3230.0	503232.3	5410804.2	38953.50000	300.83	0	48.850198	-86.955940	56378.00	56244	6.01	56384.01	56384.33594	56381.55229	56382.46875	503232.3	5410804.2
L3230.0	503232.3	5410802.9	38953.60156	302.10	0	48.850187	-86.955940	56377.54	56244	6.01	56383.55	56383.87500	56377.58628	56378.50391	503232.3	5410802.9
L3230.0	503232.3	5410801.3	38953.69922	301.50	0	48.850172	-86.955940	56377.54	56244	6.01	56383.56	56383.88281	56379.84041	56380.75781	503232.3	5410801.3
L3230.0	503232.3	5410801.3	38953.80078	301.79	0	48.850172	-86.955940	56377.39	56244	6.02	56383.40	56383.71875	56379.74169	56380.65625	503232.3	5410801.3
L3230.0	503232.3	5410799.9	38953.89844	300.57	0	48.850160	-86.955940	56377.44	56244	6.02	56383.46	56383.77734	56382.52534	56383.44141	503232.3	5410799.9
L3230.0	503232.3	5410798.0	38954.00000	301.86	0	48.850142	-86.955940	56377.14	56244	6.02	56383.16	56383.47656	56380.45567	56381.37109	503232.3	5410798.0
L3230.0	503232.3	5410798.0	38954.10156	303.85	0	48.850142	-86.955940	56376.77	56244	6.02	56382.79	56383.10156	56377.44315	56378.35547	503232.3	5410798.0
L3230.0	503232.3	5410796.7	38954.19922	303.53	0	48.850131	-86.955940	56376.86	56244	6.02	56382.88	56383.19141	56380.51500	56381.42578	503232.3	5410796.7
L3230.0	503232.3	5410795.3	38954.30078	302.76	0	48.850118	-86.955941	56376.55	56244	6.02	56382.57	56382.87891	56378.30849	56379.21484	503232.3	5410795.3
L3230.0	503232.3	5410793.6	38954.39844	302.73	0	48.850103	-86.955941	56376.81	56244	6.02	56382.82	56383.12500	56383.34060	56384.24609	503232.3	5410793.6
L3230.0	503232.3	5410793.6	38954.50000	302.13	0	48.850103	-86.955941	56376.54	56244	6.02	56382.56	56382.86328	56381.76017	56382.66406	503232.3	5410793.6
L3230.0	503232.2	5410791.5	38954.60156	302.88	0	48.850084	-86.955941	56376.65	56244	6.02	56382.67	56382.96875	56384.73862	56385.64063	503232.2	5410791.5
L3230.0	503232.2	5410791.5	38954.69922	303.90	0	48.850084	-86.955941	56376.19	56244	6.02	56382.21	56382.50781	56380.77444	56381.67188	503232.2	5410791.5
L3230.0	503232.2	5410790.0	38954.80078	301.02	0	48.850071	-86.955941	56376.04	56244	6.02	56382.06	56382.35547	56380.56564	56381.45703	503232.2	5410790.0
L3230.0	503232.2	5410788.7	38954.89844	299.22	0	48.850058	-86.955942	56375.71	56244	6.02	56381.73	56382.02344	56378.45309	56379.34375	503232.2	5410788.7
L3230.0	503232.2	5410788.7	38955.00000	299.47	0	48.850058	-86.955942	56375.29	56244	6.02	56381.31	56381.59766	56375.74269	56376.62891	503232.2	5410788.7
L3230.0	503232.2	5410787.3	38955.10156	300.86	0	48.850046	-86.955942	56375.35	56244	6.01	56381.36	56381.64844	56377.65681	56378.53906	503232.2	5410787.3
L3230.0	503232.1	5410785.4	38955.19922	300.89	0	48.850029	-86.955942	56375.20	56244	6.01	56381.21	56381.49609	56377.66991	56378.54688	503232.1	5410785.4
L3230.0	503232.1	5410785.4	38955.30078	301.84	0	48.850029	-86.955942	56375.58	56244	6.00	56381.58	56381.86328	56381.29087	56382.16016	503232.1	5410785.4
L3230.0	503232.1	5410783.8	38955.39844	300.12	0	48.850015	-86.955942	56375.27	56244	6.00	56381.27	56381.55078	56375.35504	56376.21875	503232.1	5410783.8
L3230.0	503232.1	5410782.3	38955.50000	298.16	0	48.850002	-86.955943	56375.43	56244	5.99	56381.42	56381.69531	56384.57820	56385.43750	503232.1	5410782.3
L3230.0	503232.1	5410780.9	38955.60156	298.89	0	48.849989	-86.955943	56375.12	56244	5.99	56381.11	56381.38281	56377.80149	56378.65625	503232.1	5410780.9
L3230.0	503232.1	5410779.8	38955.69922	299.25	0	48.849978	-86.955943	56375.32	56244	5.99	56381.31	56381.58203	56382.62465	56383.47266	503232.1	5410779.8
L3230.0	503232.1	5410778.3	38955.80078	296.56	0	48.849966	-86.955943	56375.09	56244	5.98	56381.07	56381.33984	56380.21284	56381.05469	503232.1	5410778.3
L3230.0	503232.1	5410778.3	38955.89844	294.40	0	48.849966	-86.955943	56375.35	56244	5.97	56381.32	56381.58594	56381.32000	56382.15234	503232.1	5410778.3
L3230.0	503232.1	5410777.1	38956.00000	292.13	0	48.849955	-86.955944	56375.32	56244	5.97	56381.29	56381.55469	56381.36057	56382.18750	503232.1	5410777.1
L3230.0	503232.0	5410775.6	38956.10156	293.27	0	48.849941	-86.955944	56375.02	56244	5.97	56380.99	56381.25000	56381.19581	56382.01563	503232.0	5410775.6
L3230.0	503232.0	5410775.6	38956.19922	293.98	0	48.849941	-86.955944	56374.84	56244	5.98	56380.82	56381.07813	56381.10937	56381.92188	503232.0	5410775.6
L3230.0	503232.0	5410773.9	38956.30078	294.03	0	48.849926	-86.955945	56374.46	56244	5.98	56380.44	56380.69531	56380.95847	56381.76172	503232.0	5410773.9
L3230.0	503231.9	5410772.2	38956.39844	295.53	0	48.849911	-86.955945	56374.53	56244	5.98	56380.51	56380.76172	56380.97552	56381.76953	503231.9	5410772.2
L3230.0	503231.9	5410770.9	38956.50000	291.20	0	48.849898	-86.955946	56374.48	56244	5.99	56380.46	56380.71094	56380.99288	56381.78125	503231.9	5410770.9

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L3230.0	503231.9	5410770.9	38956.60156	290.36	0	48.849898	-86.955946	56374.89	56244	5.99	56380.88	56381.12500	56381.14866	56381.92578	503231.9	5410770.9
L3230.0	503231.9	5410769.4	38956.69922	291.56	0	48.849886	-86.955946	56375.09	56244	5.99	56381.08	56381.32422	56381.24885	56382.01953	503231.9	5410769.4
L3230.0	503231.8	5410767.9	38956.80078	292.19	0	48.849871	-86.955947	56375.20	56244	5.99	56381.19	56381.42969	56381.27292	56382.03125	503231.8	5410767.9
L3230.0	503231.8	5410767.9	38956.89844	294.01	0	48.849871	-86.955947	56375.04	56244	6.00	56381.04	56381.27734	56381.13428	56381.88281	503231.8	5410767.9
L3230.0	503231.8	5410765.8	38957.00000	296.11	0	48.849853	-86.955947	56374.30	56244	6.00	56380.30	56380.53516	56380.78816	56381.52734	503231.8	5410765.8
L3230.0	503231.8	5410764.4	38957.10156	296.35	0	48.849841	-86.955948	56374.30	56244	6.00	56380.30	56380.53125	56380.73210	56381.46094	503231.8	5410764.4
L3230.0	503231.8	5410764.4	38957.19922	297.73	0	48.849841	-86.955948	56374.02	56244	6.00	56380.02	56380.25000	56380.77442	56381.49219	503231.8	5410764.4
L3230.0	503231.7	5410763.0	38957.30078	300.20	0	48.849828	-86.955948	56374.40	56244	6.00	56380.40	56380.62500	56380.90790	56381.61719	503231.7	5410763.0
L3230.0	503231.7	5410761.4	38957.39844	300.87	0	48.849813	-86.955948	56374.45	56244	6.00	56380.45	56380.67188	56381.11836	56381.81641	503231.7	5410761.4
L3230.0	503231.7	5410761.4	38957.50000	300.85	0	48.849813	-86.955948	56374.79	56244	5.99	56380.78	56381.00000	56381.41586	56382.10156	503231.7	5410761.4
L3230.0	503231.7	5410759.8	38957.60156	298.70	0	48.849799	-86.955949	56374.45	56244	5.99	56380.45	56380.66797	56381.31391	56381.98828	503231.7	5410759.8
L3230.0	503231.7	5410758.1	38957.69922	299.85	0	48.849784	-86.955949	56374.22	56244	5.99	56380.22	56380.43359	56381.32027	56381.98047	503231.7	5410758.1
L3230.0	503231.7	5410756.6	38957.80078	300.78	0	48.849770	-86.955949	56374.58	56244	5.99	56380.57	56380.78125	56381.67361	56382.32422	503231.7	5410756.6
L3230.0	503231.7	5410756.6	38957.89844	300.80	0	48.849770	-86.955949	56374.43	56244	5.99	56380.42	56380.62891	56381.74613	56382.38281	503231.7	5410756.6
L3230.0	503231.7	5410754.8	38958.00000	298.01	0	48.849754	-86.955949	56374.73	56244	5.99	56380.72	56380.92578	56382.01801	56382.64063	503231.7	5410754.8
L3230.0	503231.7	5410754.8	38958.10156	294.74	0	48.849754	-86.955949	56374.48	56244	5.99	56380.47	56380.67188	56382.05841	56382.66797	503231.7	5410754.8
L3230.0	503231.7	5410752.5	38958.19922	291.78	0	48.849733	-86.955949	56374.84	56244	5.99	56380.83	56381.03125	56382.28839	56382.88672	503231.7	5410752.5
L3230.0	503231.7	5410751.4	38958.30078	289.11	0	48.849723	-86.955949	56374.79	56244	5.98	56380.77	56380.96875	56382.37486	56382.96094	503231.7	5410751.4
L3230.0	503231.7	5410751.4	38958.39844	283.26	0	48.849723	-86.955949	56375.04	56244	5.98	56381.02	56381.21484	56382.50554	56383.07813	503231.7	5410751.4
L3230.0	503231.6	5410749.9	38958.50000	282.15	0	48.849710	-86.955950	56375.22	56244	5.98	56381.20	56381.39063	56382.59059	56383.14844	503231.6	5410749.9
L3230.0	503231.6	5410748.0	38958.60156	279.73	0	48.849692	-86.955950	56375.38	56244	5.98	56381.36	56381.54688	56382.64591	56383.18750	503231.6	5410748.0
L3230.0	503231.6	5410748.0	38958.69922	280.41	0	48.849692	-86.955950	56375.88	56244	5.98	56381.86	56382.04688	56382.69440	56383.22266	503231.6	5410748.0
L3230.0	503231.6	5410746.7	38958.80078	282.57	0	48.849681	-86.955950	56375.38	56244	5.97	56381.35	56381.53125	56382.67894	56383.19531	503231.6	5410746.7
L3230.0	503231.6	5410745.5	38958.89844	284.68	0	48.849670	-86.955950	56375.45	56244	5.97	56381.43	56381.60938	56382.67650	56383.17578	503231.6	5410745.5
L3230.0	503231.6	5410743.8	38959.00000	288.57	0	48.849655	-86.955950	56375.40	56244	5.97	56381.37	56381.54688	56382.65749	56383.14063	503231.6	5410743.8
L3230.0	503231.6	5410743.8	38959.10156	293.02	0	48.849655	-86.955950	56375.66	56244	5.97	56381.63	56381.80469	56382.63409	56383.10547	503231.6	5410743.8
L3230.0	503231.6	5410742.4	38959.19922	291.17	0	48.849643	-86.955950	56375.68	56244	5.97	56381.65	56381.82031	56382.59673	56383.05078	503231.6	5410742.4
L3230.0	503231.6	5410741.0	38959.30078	290.54	0	48.849630	-86.955950	56375.42	56244	5.98	56381.40	56381.56641	56382.52989	56382.96875	503231.6	5410741.0
L3230.0	503231.6	5410739.6	38959.39844	292.57	0	48.849617	-86.955950	56375.25	56244	5.98	56381.22	56381.38672	56382.44322	56382.86719	503231.6	5410739.6
L3230.0	503231.6	5410739.6	38959.50000	295.01	0	48.849617	-86.955950	56375.22	56244	5.98	56381.20	56381.36328	56382.35667	56382.76563	503231.6	5410739.6
L3230.0	503231.6	5410738.2	38959.60156	295.34	0	48.849604	-86.955950	56375.98	56244	5.98	56381.96	56382.12109	56382.44014	56382.83203	503231.6	5410738.2
L3230.0	503231.6	5410737.0	38959.69922	295.63	0	48.849594	-86.955950	56376.22	56244	5.98	56382.20	56382.35547	56382.46276	56382.83984	503231.6	5410737.0
L3230.0	503231.6	5410734.9	38959.80078	295.46	0	48.849575	-86.955951	56376.06	56244	5.99	56382.05	56382.20313	56382.37904	56382.74219	503231.6	5410734.9
L3230.0	503231.6	5410734.9	38959.89844	293.84	0	48.849575	-86.955951	56375.14	56244	5.99	56381.13	56381.28125	56381.96004	56382.30469	503231.6	5410734.9
L3230.0	503231.5	5410733.3	38960.00000	294.92	0	48.849560	-86.955951	56375.66	56244	5.99	56381.65	56381.79688	56382.12065	56382.44922	503231.5	5410733.3
L3230.0	503231.5	5410732.1	38960.10156	301.18	0	48.849550	-86.955952	56375.84	56244	5.99	56381.83	56381.97656	56382.16739	56382.48047	503231.5	5410732.1
L3230.0	503231.5	5410732.1	38960.19922	299.19	0	48.849550	-86.955952	56376.39	56244	5.99	56382.38	56382.52344	56382.44453	56382.74219	503231.5	5410732.1
L3230.0	503231.4	5410730.4	38960.30078	297.33	0	48.849534	-86.955952	56376.46	56244	5.99	56382.45	56382.58984	56382.47916	56382.76172	503231.4	5410730.4
L3230.0	503231.4	5410728.8	38960.39844	295.72	0	48.849520	-86.955953	56376.88	56244	5.99	56382.86	56382.99609	56382.72716	56382.99219	503231.4	5410728.8
L3230.0	503231.4	5410728.8	38960.50000	292.79	0	48.849520	-86.955953	56375.68	56244	5.99	56381.67	56381.80469	56381.98366	56382.23438	503231.4	5410728.8
L3230.0	503231.3	5410726.6	38960.60156	293.92	0	48.849501	-86.955955	56375.61	56244	5.98	56381.59	56381.72266	56381.92269	56382.15625	503231.3	5410726.6
L3230.0	503231.2	5410725.3	38960.69922	293.70	0	48.849488	-86.955955	56375.60	56244	5.98	56381.58	56381.70703	56381.90977	56382.12891	503231.2	5410725.3
L3230.0	503231.1	5410723.4	38960.80078	293.76	0	48.849471	-86.955956	56375.71	56244	5.98	56381.69	56381.81641	56381.97856	56382.17969	503231.1	5410723.4
L3230.0	503231.1	5410723.4	38960.89844	292.70	0	48.849471	-86.955956	56376.04	56244	5.98	56382.02	56382.14453	56382.19708	56382.38281	503231.1	5410723.4
L3230.0	503231.1	5410722.0	38961.00000	293.52	0	48.849459	-86.955957	56376.65	56244	5.98	56382.63	56382.75000	56382.61018	56382.77734	503231.1	5410722.0
L3230.0	503231.0	5410720.9	38961.10156	295.43	0	48.849449	-86.955958	56377.06	56244	5.98	56383.04	56383.16016	56382.89902	56383.05078	503231.0	5410720.9
L3230.0	503231.0	5410719.2	38961.19922	295.62	0	48.849434	-86.955959	56376.78	56244	5.98	56382.76	56382.87500	56382.71757	56382.85547	503231.0	5410719.2
L3230.0	503231.0	5410719.2	38961.30078	294.86	0	48.849434	-86.955959	56376.96	56244	5.98	56382.94	56383.05469	56382.85658	56382.97656	503231.0	5410719.2
L3230.0	503230.9	5410716.9	38961.39844	294.26	0	48.849413	-86.955960	56376.47	56244	5.98	56382.45	56382.56250	56382.51155	56382.61719	503230.9	5410716.9
L3230.0	503230.9	5410716.9	38961.50000	296.10	0	48.849413	-86.955960	56376.98	56244	5.98	56382.96	56383.07031	56383.04010	56383.12891	503230.9	5410716.9
L3230.0	503230.9	5410715.7	38961.60156	295.87	0	48.849402	-86.955960	56377.24	56244	5.98	56383.22	56383.32813	56383.29549	56383.37109	503230.9	5410715.7
L3230.0	503230.8	5410714.1	38961.69922	296.03	0	48.849388	-86.955961	56377.98	56244	5.98	56383.96	56384.06250	56383.37689	56383.43750	503230.8	5410714.1
L3230.0	503230.8	5410712.4	38961.80078	295.27	0	48.849373	-86.955962	56378.18	56244	5.98	56384.16	56384.26172	56383.64534	56383.68750	503230.8	5410712.4
L3230.0	503230.8	5410712.4	38961.89844	294.28	0	48.849373	-86.955962	56378.13	56244	5.98	56384.11	56384.21094	56383.78999	56383.82031	503230.8	5410712.4
L3230.0	503230.8	5410710.5	38962.00000	296.81	0	48.849356	-86.955962	56377.88	56244	5.98	56383.86	56383.95703	56383.78108	56383.79297	503230.8	5410710.5
L3230.0	503230.8	5410710.5	38962.10156	297.86	0	48.849356	-86.955962	56377.59	56244	5.98	56383.58	56383.67578	56383.67031	56383.66797	503230.8	5410710.5
L3230.0	503230.8	5410708.9	38962.19922	297.89	0	48.849341	-86.955962	56378.18	56244	5.98	56384.17	56384.26172	56384.10849	56384.09375	503230.8	5410708.9
L3230.0	503230.7	5410707.6	38962.30078	297.63	0	48.849329	-86.955962	56378.00	56244	5.99	56383.99	56384.08203	56383.99000	56383.96094	503230.7	5410707.6
L3230.0	503230.7	5410707.6	38962.39844	295.88	0	48.849329	-86.955962	56378.90	56244	5.99	56384.89	56384.98047	56386.93993	56386.89453	503230.7	5410707.6
L3230.0	503230.7	5410706.0	38962.50000	297.67	0	48.849315	-86.955962	56378.41	56244	5.99	56384.40	56384.48828	56381.74075	56381.68359	503230.7	5410706.0
L3230.0	503230.7	5410704.1	38962.60156	298.85	0	48.849298	-86.955962	56378.71	56244	5.99	56384.71	56384.79688	56388.32106	56388.25000	503230.7	5410704.1
L3230.0	503230.7	5410704.1	38962.69922	300.70	0	48.849298	-86.955962	56378.23	56244	5.99	56384.23	56384.31250	56381.34965	56381.26172	503230.7	5410704.1
L3230.0	503230.8	5410702.5	38962.80078	301.30	0	48.849284	-86.955962	56378.36	56244	6.00	56384.35	56384.43359	56385.35054	56385.25000	503230.8	5410702.5
L3230.0	503230.8	5410701.0	38962.89844	301.03	0	48.849270	-86.955962	56378.54	56244	6.00	56384.54	56384.62109	56385.07805	56384.96484	503230.8	5410701.0
L3230.0	503230.8	5410701.0	38963.00000	300.67	0	48.849270	-86.955962	56378.77	56244	6.00	56384.77	56384.84766	56382.53930	56382.41406	503230.8	5410701.0
L3230.0	503230.8	5410699.6	38963.10156	299.12	0	48.849258	-86.955962	56379.15	56244	6.00	56385.15	56385.22656	56392.81406	56392.67578	503230.8	5410699.6
L3230.0	503230.8	5410698.3	38963.19922	298.25	0	48.849246	-86.955962	56378.77	56244	6.00	56384.77	56384.84375	56374.73033	56374.57813	503230.8	5410698.3
L3230.0	503230.8	5410698.3	38963.30078	299.96	0	48.849246	-86.955962	56379.38	56244	6.00	56385.38	56385.45313	56388.55901	56388.39844	503230.8	5410698.3
L3230.0	503230.8	5410696.5	38963.39844	301.50	0	48.849230	-86.955962	56378.72	56244	6.00	56384.72	56384.79297	56383.42630	56383.25391	503230.8	5410696.5
L3230.0	503230.8	5410694.9	38963.50000	301.73	0	48.849215	-86.955962	56379.38	56244	6.01	56385.38	56385.44922	56387.98639	56387.80078	503230.8	5410694.9
L3230.0	503230.8	5410694.9	38963.60156	300.05	0	48.849215	-86.955962	56378.84	56244	6.01	56384.85	56384.91797	56383.42759	56383.23047	503230.8	5410694.9
L3230.0	503230.8	5410693.6	38963.69922	300.51	0	48.849203	-86.955961	56379.27	56244	6.01	56385.28	56385.34766	56386.35947	56386.15234	503230.8	5410693.6
L3230.0	503230.8	5410691.9	38963.80078	300.41	0	48.849188	-86.955961	56379.18	56244	6.01	56385.19	56385.25781	56385.15990	56384.94141	503230.8	5410691.9
L3230.0	503230.9	5410690.6	38963.89844	299.77	0	48.849176	-86.955961	56379.25	56244	6.01	56385.26	56385.32422	56385.24503	56385.01563	503230.9	5410690.6
L3230.0	503230.9	5410689.3	38964.00000	299.34	0	48.849165	-86.955960	56379.58	56244	6.01	56385.59	56385.65625	56387.40640	56387.16797	503230.9	5410689.3
L3230.0	503230.9	5410689.3	38964.10156	298.83	0	48.849165	-86.955960	56379.30	56244	6.01	56385.31	56385.37500	56384.74033	56384.49219	503230.9	5410689.3
L3230.0	503230.9	5410687.6	38964.19922	300.41	0	48.849149	-86.955960	56379.92	56244	6.01	56385.93	56385.99219	56389.02812	56388.77344	503230.9	5410687.6
L3230.0	503230.9	5410685.9	38964.30078	301.42	0	48.849134	-86.955960	56379.28	56244	6.01	56385.29	56385.35156	56383.86439	56383.59766	503230.9	5410685.9
L3230.0	503230.9	5410685.9	38964.39844	301.73	0	48.849134	-86.955960	56379.99	56244	6.01	56386.01	56386.07031	56388.56035	56388.28516	503230.9	5410685.9
L3230.0	503230.9	5410684.1	38964.50000	300.88	0	48.849118	-86.955960	56379.58	56244	6.01	56385.60	56385.66016	56374.47051	56374.18750	503230.9	5410684.1
L3230.0	503230.9	5410682.5	38964.60156	299.42	0	48.849103	-86.955960	56380.17	56244	6.02	56386.19	56386.25000	56396.94651	56396.65625	503230.9	5410682.5
L3230.0	503230.9	5410681.1	38964.69922	298.84	0	48.849091	-86.955960	56379.86	56244	6.02	56385.88	56385.93750	56378.78219	56378.48438	503230.9	5410681.1
L3230.0	503230.9	5410681.1	38964.80078	300.04	0	48.849091	-86.955960	56380.25	56244	6.02	56386.26	56386.31641	56393.89778	56393.59375	503230.9	5410681.1
L3230.0	503231.0	5410679.4	38964.89844	299.46	0	48.849076	-86.955959	56379.79	56244	6.02	56385.80	56385.85938	56381.17785	56380.86719	503231.0	5410679.4
L3230.0	503231.0	5410677.8	38965.00000	299.18	0	48.849062	-86.955959	56380.07	56244	6.02	56386.09	56386.14844	56389.62314	56389.30859	503231.0	5410677.8
L3230.0	503231.0	5410677.8	38965.10156	298.97	0	48.849062	-86.955959	56379.78	56244	6.02	56385.80	56385.85547	56386.42279	56386.10156	503231.0	5410677.8
L3230.0	503231.0	5410676.2	38965.19922	297.16	0	48.849047	-86.955959	56379.33	56244	6.02	56385.35	56385.40625	56383.12160	56382.79297	503231.0	5410676.2
L3230.0	503231.0	5410676.2	38965.30078	296.64	0	48.849047	-86.955959	56379.76	56244	6.02	56385.79	56385.84766	56387.39905	56387.06641	503231.0	5410676.2
L3230.0	503231.0	5410674.4	38965.39844	298.09	0	48.849031	-86.955959	56380.22	56244	6.02	56386.25	56386.30469	56384.62806	56384.28906	503231.0	5410674.4
L3230.0	503231.0	5410672.9	38965.50000	296.26	0	48.849018	-86.955959	56380.96	56244	6.03	56386.98	56387.03516	56391.06508	56390.72266	503231.0	5410672.9
L3230.0	503231.0	5410672.9	38965.60156	295.51	0	48.849018	-86.955959	56380.68	56244	6.03	56386.71	56386.76563	56384.06022	56383.71484	503231.0	5410672.9
L3230.0	503231.0	5410670.8	38965.69922	295.17	0	48.848998	-86.955959	56380.84	56244	6.03	56386.87	56386.92578	56392.21743	56391.86719	503231.0	5410670.8
L3230.0	503231.0	5410670.8	38965.80078	296.74	0	48.848998	-86.955959	56379.56	56244	6.03	56385.59	56385.64453	56380.87265	56380.51953	503231.0	5410670.8

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L3230.0	503231.0	5410669.2	38965.89844	298.53	0	48.848984	-86.955958	56379.82	56244	6.03	56385.85	56385.90625	56389.38467	56389.03125	503231.0	5410669.2
L3230.0	503231.1	5410667.7	38966.00000	297.81	0	48.848971	-86.955958	56379.58	56244	6.03	56385.61	56385.66406	56382.97100	56382.61328	503231.1	5410667.7
L3230.0	503231.1	5410666.6	38966.10156	297.87	0	48.848960	-86.955958	56380.04	56244	6.03	56386.07	56386.12500	56388.39117	56388.03125	503231.1	5410666.6
L3230.0	503231.1	5410664.7	38966.19922	299.04	0	48.848943	-86.955957	56380.07	56244	6.03	56386.10	56386.15625	56386.58815	56386.22656	503231.1	5410664.7
L3230.0	503231.2	5410663.5	38966.30078	300.07	0	48.848933	-86.955957	56379.99	56244	6.03	56386.02	56386.07422	56385.39726	56385.03516	503231.2	5410663.5
L3230.0	503231.2	5410663.5	38966.39844	300.18	0	48.848933	-86.955957	56380.09	56244	6.03	56386.12	56386.17578	56389.65276	56389.28906	503231.2	5410663.5
L3230.0	503231.2	5410661.9	38966.50000	302.09	0	48.848918	-86.955956	56379.84	56244	6.03	56385.87	56385.92578	56381.32182	56380.95703	503231.2	5410661.9
L3230.0	503231.2	5410661.9	38966.60156	302.12	0	48.848918	-86.955956	56380.30	56244	6.03	56386.33	56386.38672	56395.01994	56394.65625	503231.2	5410661.9
L3230.0	503231.2	5410660.4	38966.69922	301.82	0	48.848905	-86.955956	56379.64	56244	6.03	56385.67	56385.72656	56377.83560	56377.47266	503231.2	5410660.4
L3230.0	503231.3	5410658.8	38966.80078	299.99	0	48.848890	-86.955956	56380.04	56244	6.03	56386.07	56386.12500	56395.07783	56394.71484	503231.3	5410658.8
L3230.0	503231.3	5410658.8	38966.89844	297.84	0	48.848890	-86.955956	56379.66	56244	6.03	56385.69	56385.74609	56378.76041	56378.39844	503231.3	5410658.8
L3230.0	503231.3	5410657.3	38967.00000	300.20	0	48.848877	-86.955955	56380.09	56244	6.03	56386.12	56386.17969	56393.61892	56393.25781	503231.3	5410657.3
L3230.0	503231.3	5410656.0	38967.10156	300.41	0	48.848865	-86.955955	56379.92	56244	6.03	56385.95	56386.00781	56383.19706	56382.83984	503231.3	5410656.0
L3230.0	503231.3	5410654.2	38967.19922	300.43	0	48.848849	-86.955955	56380.07	56244	6.03	56386.10	56386.16016	56388.06090	56387.70703	503231.3	5410654.2
L3230.0	503231.3	5410654.2	38967.30078	299.42	0	48.848849	-86.955955	56380.12	56244	6.03	56386.15	56386.21094	56388.51264	56388.16016	503231.3	5410654.2
L3230.0	503231.3	5410652.8	38967.39844	300.60	0	48.848836	-86.955955	56379.71	56244	6.03	56385.75	56385.80859	56385.79071	56385.44141	503231.3	5410652.8
L3230.0	503231.3	5410651.1	38967.50000	301.53	0	48.848821	-86.955955	56379.74	56244	6.04	56385.77	56385.83203	56386.05728	56385.71094	503231.3	5410651.1
L3230.0	503231.4	5410649.4	38967.60156	300.94	0	48.848806	-86.955954	56379.96	56244	6.04	56386.00	56386.06250	56387.87520	56387.53125	503231.4	5410649.4
L3230.0	503231.4	5410649.4	38967.69922	298.51	0	48.848806	-86.955954	56380.22	56244	6.04	56386.26	56386.32031	56389.95382	56389.61719	503231.4	5410649.4
L3230.0	503231.4	5410647.9	38967.80078	296.42	0	48.848792	-86.955954	56379.92	56244	6.04	56385.96	56386.02344	56388.04379	56387.71094	503231.4	5410647.9
L3230.0	503231.4	5410646.3	38967.89844	294.54	0	48.848778	-86.955954	56380.04	56244	6.04	56386.08	56386.14453	56389.18901	56388.85938	503231.4	5410646.3
L3230.0	503231.4	5410646.3	38968.00000	295.90	0	48.848778	-86.955954	56379.58	56244	6.04	56385.62	56385.68359	56386.21138	56385.89063	503231.4	5410646.3
L3230.0	503231.4	5410644.5	38968.10156	298.90	0	48.848762	-86.955953	56379.71	56244	6.04	56385.75	56385.81641	56387.49574	56387.17969	503231.4	5410644.5
L3230.0	503231.4	5410642.9	38968.19922	300.01	0	48.848747	-86.955953	56379.56	56244	6.04	56385.60	56385.66797	56386.80016	56386.48828	503231.4	5410642.9
L3230.0	503231.4	5410641.4	38968.30078	298.92	0	48.848734	-86.955953	56379.48	56244	6.04	56385.52	56385.58594	56386.62733	56386.32422	503231.4	5410641.4
L3230.0	503231.4	5410641.4	38968.39844	300.46	0	48.848734	-86.955953	56379.46	56244	6.04	56385.50	56385.56641	56386.90466	56386.60547	503231.4	5410641.4
L3230.0	503231.5	5410639.8	38968.50000	299.87	0	48.848720	-86.955953	56379.20	56244	6.04	56385.24	56385.30859	56385.45042	56385.16016	503231.5	5410639.8
L3230.0	503231.5	5410639.8	38968.60156	300.24	0	48.848720	-86.955953	56379.38	56244	6.04	56385.42	56385.48828	56387.22236	56386.93750	503231.5	5410639.8
L3230.0	503231.5	5410638.2	38968.69922	299.22	0	48.848705	-86.955953	56379.33	56244	6.04	56385.37	56385.44141	56387.33390	56387.05859	503231.5	5410638.2
L3230.0	503231.5	5410636.3	38968.80078	297.93	0	48.848688	-86.955952	56379.33	56244	6.04	56385.37	56385.44141	56387.84266	56387.57422	503231.5	5410636.3
L3230.0	503231.5	5410636.3	38968.89844	296.68	0	48.848688	-86.955952	56378.92	56244	6.04	56384.96	56385.03125	56385.24544	56384.98828	503231.5	5410636.3
L3230.0	503231.5	5410635.1	38969.00000	298.15	0	48.848677	-86.955952	56379.02	56244	6.04	56385.06	56385.13281	56386.55932	56386.30859	503231.5	5410635.1
L3230.0	503231.5	5410633.6	38969.10156	299.33	0	48.848664	-86.955952	56378.95	56244	6.04	56384.98	56385.05469	56386.51984	56386.27734	503231.5	5410633.6
L3230.0	503231.5	5410633.6	38969.19922	300.44	0	48.848664	-86.955952	56379.10	56244	6.04	56385.14	56385.21484	56388.44270	56388.21094	503231.5	5410633.6
L3230.0	503231.6	5410631.6	38969.30078	300.44	0	48.848646	-86.955952	56378.90	56244	6.04	56384.94	56385.01563	56387.51960	56387.29688	503231.6	5410631.6
L3230.0	503231.6	5410631.6	38969.39844	301.21	0	48.848646	-86.955952	56378.84	56244	6.04	56384.88	56384.95703	56387.76534	56387.55469	503231.6	5410631.6
L3230.0	503231.6	5410629.9	38969.50000	300.95	0	48.848631	-86.955951	56379.05	56244	6.03	56385.08	56385.16016	56390.23493	56390.03125	503231.6	5410629.9
L3230.0	503231.6	5410628.5	38969.60156	300.98	0	48.848618	-86.955951	56378.56	56244	6.03	56384.60	56384.67969	56387.02610	56386.83594	503231.6	5410628.5
L3230.0	503231.6	5410627.3	38969.69922	301.54	0	48.848607	-86.955951	56378.48	56244	6.03	56384.51	56384.58984	56387.12635	56386.94531	503231.6	5410627.3
L3230.0	503231.6	5410627.3	38969.80078	300.97	0	48.848607	-86.955951	56378.08	56244	6.03	56384.11	56384.19141	56384.60949	56384.43750	503231.6	5410627.3
L3230.0	503231.6	5410624.3	38969.89844	300.19	0	48.848580	-86.955951	56378.11	56244	6.03	56384.14	56384.22266	56385.79723	56385.64063	503231.6	5410624.3
L3230.0	503231.6	5410624.3	38970.00000	297.36	0	48.848580	-86.955951	56377.83	56244	6.03	56383.86	56383.94531	56384.36598	56384.21875	503231.6	5410624.3
L3230.0	503231.6	5410622.2	38970.10156	298.33	0	48.848561	-86.955951	56377.77	56244	6.03	56383.80	56383.88672	56384.84076	56384.70313	503231.6	5410622.2
L3230.0	503231.6	5410622.2	38970.19922	299.68	0	48.848561	-86.955951	56377.72	56244	6.03	56383.74	56383.82813	56385.33107	56385.20703	503231.6	5410622.2
L3230.0	503231.6	5410620.7	38970.30078	300.68	0	48.848547	-86.955951	56377.92	56244	6.02	56383.95	56384.03906	56388.06537	56387.95313	503231.6	5410620.7
L3230.0	503231.6	5410619.2	38970.39844	300.30	0	48.848534	-86.955951	56377.90	56244	6.02	56383.92	56384.01172	56388.76993	56388.67188	503231.6	5410619.2
L3230.0	503231.6	5410618.0	38970.50000	299.67	0	48.848523	-86.955951	56377.41	56244	6.02	56383.43	56383.51953	56385.78197	56385.69531	503231.6	5410618.0
L3230.0	503231.6	5410618.0	38970.60156	299.86	0	48.848523	-86.955951	56377.16	56244	6.02	56383.18	56383.27344	56384.80976	56384.73438	503231.6	5410618.0
L3230.0	503231.6	5410616.4	38970.69922	300.72	0	48.848509	-86.955951	56376.90	56244	6.02	56382.92	56383.01172	56383.83213	56383.76953	503231.6	5410616.4
L3230.0	503231.6	5410616.4	38970.80078	300.45	0	48.848509	-86.955951	56376.96	56244	6.01	56382.97	56383.06641	56385.21479	56385.16797	503231.6	5410616.4
L3230.0	503231.6	5410614.6	38970.89844	299.20	0	48.848492	-86.955951	56376.52	56244	6.01	56382.54	56382.63672	56383.12195	56383.08594	503231.6	5410614.6
L3230.0	503231.6	5410612.7	38971.00000	297.52	0	48.848476	-86.955951	56376.57	56244	6.01	56382.58	56382.67578	56384.42971	56384.40625	503231.6	5410612.7
L3230.0	503231.6	5410612.7	38971.10156	297.86	0	48.848476	-86.955951	56376.46	56244	6.01	56382.47	56382.56641	56380.36569	56380.35547	503231.6	5410612.7
L3230.0	503231.6	5410611.4	38971.19922	300.02	0	48.848464	-86.955951	56376.73	56244	6.01	56382.74	56382.83984	56389.11759	56389.12109	503231.6	5410611.4
L3230.0	503231.6	5410609.6	38971.30078	300.63	0	48.848447	-86.955951	56376.32	56244	6.01	56382.33	56382.42969	56383.79759	56383.81641	503231.6	5410609.6
L3230.0	503231.6	5410609.6	38971.39844	302.34	0	48.848447	-86.955951	56375.78	56244	6.01	56381.78	56381.88281	56382.65497	56382.68750	503231.6	5410609.6
L3230.0	503231.6	5410608.1	38971.50000	299.39	0	48.848435	-86.955951	56375.48	56244	6.00	56381.48	56381.58203	56383.30754	56383.35547	503231.6	5410608.1
L3230.0	503231.6	5410606.1	38971.60156	298.44	0	48.848416	-86.955951	56375.24	56244	6.00	56381.25	56381.35547	56381.53236	56381.59375	503231.6	5410606.1
L3230.0	503231.6	5410606.1	38971.69922	298.56	0	48.848416	-86.955951	56375.14	56244	6.00	56381.15	56381.25391	56384.96028	56385.03516	503231.6	5410606.1
L3230.0	503231.6	5410604.5	38971.80078	297.73	0	48.848402	-86.955951	56374.71	56244	6.00	56380.71	56380.81641	56379.72859	56379.81641	503231.6	5410604.5
L3230.0	503231.6	5410604.5	38971.89844	297.64	0	48.848402	-86.955951	56374.64	56244	6.00	56380.64	56380.74609	56383.87716	56383.98047	503231.6	5410604.5
L3230.0	503231.6	5410602.6	38972.00000	298.53	0	48.848385	-86.955951	56374.36	56244	6.00	56380.36	56380.46875	56380.70629	56380.82422	503231.6	5410602.6
L3230.0	503231.6	5410601.0	38972.10156	298.04	0	48.848371	-86.955951	56374.22	56244	6.00	56380.22	56380.32813	56382.23958	56382.37109	503231.6	5410601.0
L3230.0	503231.6	5410601.0	38972.19922	298.97	0	48.848371	-86.955951	56374.05	56244	6.00	56380.04	56380.15234	56381.60678	56381.75391	503231.6	5410601.0
L3230.0	503231.6	5410599.2	38972.30078	299.59	0	48.848355	-86.955952	56373.79	56244	6.00	56379.79	56379.90234	56381.90968	56382.07031	503231.6	5410599.2
L3230.0	503231.6	5410597.8	38972.39844	298.50	0	48.848342	-86.955952	56373.33	56244	6.00	56379.32	56379.43359	56380.94374	56381.11719	503231.6	5410597.8
L3230.0	503231.6	5410597.8	38972.50000	296.90	0	48.848342	-86.955952	56373.03	56244	5.99	56379.02	56379.13281	56377.82573	56378.01563	503231.6	5410597.8
L3230.0	503231.6	5410596.2	38972.60156	296.64	0	48.848327	-86.955952	56373.18	56244	5.99	56379.17	56379.28516	56383.98101	56384.18359	503231.6	5410596.2
L3230.0	503231.6	5410594.4	38972.69922	298.03	0	48.848311	-86.955952	56372.95	56244	5.99	56378.94	56379.05469	56377.70858	56377.92578	503231.6	5410594.4
L3230.0	503231.6	5410594.4	38972.80078	299.94	0	48.848311	-86.955952	56372.82	56244	5.99	56378.82	56378.93750	56385.76013	56385.99219	503231.6	5410594.4
L3230.0	503231.6	5410592.8	38972.89844	300.60	0	48.848296	-86.955951	56372.03	56244	5.99	56378.02	56378.13672	56373.79314	56374.03906	503231.6	5410592.8
L3230.0	503231.6	5410590.8	38973.00000	299.77	0	48.848278	-86.955951	56372.03	56244	5.99	56378.02	56378.14063	56384.57335	56384.83594	503231.6	5410590.8
L3230.0	503231.6	5410590.8	38973.10156	299.02	0	48.848278	-86.955951	56371.44	56244	5.99	56377.43	56377.55078	56375.51040	56375.78516	503231.6	5410590.8
L3230.0	503231.6	5410589.5	38973.19922	300.12	0	48.848267	-86.955951	56371.26	56244	5.99	56377.25	56377.37109	56380.37684	56380.66406	503231.6	5410589.5
L3230.0	503231.6	5410588.1	38973.30078	300.48	0	48.848254	-86.955951	56371.06	56244	5.99	56377.05	56377.17188	56377.70449	56378.00781	503231.6	5410588.1
L3230.0	503231.6	5410588.1	38973.39844	299.41	0	48.848254	-86.955951	56370.96	56244	5.99	56376.95	56377.07422	56379.18943	56379.50781	503231.6	5410588.1
L3230.0	503231.6	5410586.2	38973.50000	299.75	0	48.848238	-86.955951	56370.66	56244	5.99	56376.65	56376.77344	56380.02071	56380.35156	503231.6	5410586.2
L3230.0	503231.6	5410584.8	38973.60156	299.51	0	48.848225	-86.955951	56370.06	56244	5.99	56376.05	56376.17578	56374.81038	56375.15625	503231.6	5410584.8
L3230.0	503231.6	5410584.8	38973.69922	299.31	0	48.848225	-86.955951	56369.94	56244	5.99	56375.93	56376.05469	56380.59285	56380.94922	503231.6	5410584.8
L3230.0	503231.6	5410583.5	38973.80078	299.68	0	48.848213	-86.955951	56369.22	56244	5.99	56375.21	56375.33594	56374.45513	56374.82813	503231.6	5410583.5
L3230.0	503231.6	5410582.4	38973.89844	300.40	0	48.848203	-86.955951	56368.89	56244	5.99	56374.88	56375.00781	56376.68135	56377.06641	503231.6	5410582.4
L3230.0	503231.6	5410581.0	38974.00000	299.70	0	48.848190	-86.955951	56368.61	56244	5.99	56374.60	56374.73047	56375.69702	56376.09766	503231.6	5410581.0
L3230.0	503231.6	5410581.0	38974.10156	298.53	0	48.848190	-86.955951	56368.23	56244	5.99	56374.22	56374.34766	56375.84849	56376.26172	503231.6	5410581.0
L3230.0	503231.6	5410578.9	38974.19922	297.62	0	48.848172	-86.955951	56367.64	56244	5.99	56373.63	56373.76172	56374.45763	56374.88281	503231.6	5410578.9
L3230.0	503231.7	5410577.5	38974.30078	299.66	0	48.848159	-86.955951	56367.16	56244	5.99	56373.15	56373.28125	56373.37007	56373.80859	503231.7	5410577.5
L3230.0	503231.7	5410576.0	38974.39844	298.47	0	48.848146	-86.955951	56366.95	56244	5.99	56372.94	56373.07422	56374.29671	56374.74609	503231.7	5410576.0
L3230.0	503231.7	5410576.0	38974.50000	299.03	0	48.848146	-86.955951	56366.55	56244	5.99	56372.54	56372.67188	56373.07474	56373.53906	503231.7	5410576.0
L3230.0	503231.7	5410574.7	38974.60156	296.79	0	48.848134	-86.955950	56366.04	56244	5.99	56372.03	56372.16406	56373.16376	56373.64063	503231.7	5410574.7
L3230.0	503231.7	5410574.7	38974.69922	295.62	0	48.848134	-86.955950	56365.46	56244	5.99	56371.45	56371.58594	56371.11473	56371.60156	503231.7	5410574.7
L3230.0	503231.7	5410573.1	38974.80078	297.08	0	48.848119	-86.955950	56365.24	56244	5.99	56371.23	56371.36719	56372.89716	56373.39844	503231.7	5410573.1
L3230.0	503231.7	5410571.6	38974.89844	296.84	0	48.848106	-86.955950	56364.45	56244	5.99	56370.44	56370.57813	56370.07782	56370.58984	503231.7	5410571.6
L3230.0	503231.8	5410570.1	38975.00000	296.56	0	48.848093	-86.955949	56364.07	56244	5.99	56370.06	56370.19922	56370.97050	56371.49609	503231.8	5410570.1
L3230.0	503231.8	5410569.0	38975.10156	297.59	0	48.848082	-86.955949	56363.58	56244	5.99	56369.57	56369.70703	56369.86648	56370.40234	503231.8	5410569.0

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L3230.0	503231.8	5410567.1	38975.19922	295.39	0	48.848066	-86.955949	56363.15	56244	5.99	56369.13	56369.26953	56369.69678	56370.24219	503231.8	5410567.1
L3230.0	503231.8	5410567.1	38975.30078	296.88	0	48.848066	-86.955949	56362.66	56244	5.98	56368.65	56368.78906	56369.56769	56370.12500	503231.8	5410567.1
L3230.0	503231.8	5410565.5	38975.39844	296.99	0	48.848051	-86.955949	56362.11	56244	5.98	56368.09	56368.23047	56367.86174	56368.42969	503231.8	5410565.5
L3230.0	503231.8	5410564.1	38975.50000	296.67	0	48.848039	-86.955948	56361.92	56244	5.98	56367.90	56368.04297	56370.05172	56370.63281	503231.8	5410564.1
L3230.0	503231.8	5410564.1	38975.60156	297.89	0	48.848039	-86.955948	56361.21	56244	5.98	56367.19	56367.33203	56367.27259	56367.86328	503231.8	5410564.1
L3230.0	503231.8	5410562.1	38975.69922	297.94	0	48.848020	-86.955948	56360.68	56244	5.98	56366.65	56366.79297	56368.17519	56368.77344	503231.8	5410562.1
L3230.0	503231.8	5410562.1	38975.80078	300.42	0	48.848020	-86.955948	56360.12	56244	5.97	56366.09	56366.23438	56366.96713	56367.57813	503231.8	5410562.1
L3230.0	503231.8	5410560.4	38975.89844	302.79	0	48.848006	-86.955948	56359.58	56244	5.97	56365.55	56365.69531	56367.35557	56367.97656	503231.8	5410560.4
L3230.0	503231.8	5410560.4	38976.00000	304.17	0	48.848006	-86.955948	56358.94	56244	5.97	56364.91	56365.05859	56366.16572	56366.79688	503231.8	5410560.4
L3230.0	503231.8	5410557.4	38976.10156	303.80	0	48.847978	-86.955949	56358.38	56244	5.97	56364.35	56364.50000	56365.74972	56366.39063	503231.8	5410557.4
L3230.0	503231.8	5410557.4	38976.19922	301.55	0	48.847978	-86.955949	56357.76	56244	5.98	56363.74	56363.89063	56367.23464	56367.88281	503231.8	5410557.4
L3230.0	503231.8	5410555.6	38976.30078	299.13	0	48.847962	-86.955949	56356.87	56244	5.98	56362.85	56363.00000	56362.21383	56362.87109	503231.8	5410555.6
L3230.0	503231.8	5410555.6	38976.39844	299.47	0	48.847962	-86.955949	56356.34	56244	5.98	56362.32	56362.47266	56365.41557	56366.08203	503231.8	5410555.6
L3230.0	503231.8	5410554.2	38976.50000	299.69	0	48.847950	-86.955949	56355.90	56244	5.99	56361.88	56362.03516	56361.01581	56361.69141	503231.8	5410554.2
L3230.0	503231.8	5410552.6	38976.60156	298.67	0	48.847935	-86.955949	56355.78	56244	5.99	56361.76	56361.91406	56365.72296	56366.40625	503231.8	5410552.6
L3230.0	503231.8	5410552.6	38976.69922	297.52	0	48.847935	-86.955949	56355.16	56244	5.99	56361.15	56361.30469	56365.12096	56365.81250	503231.8	5410552.6
L3230.0	503231.8	5410551.0	38976.80078	297.65	0	48.847921	-86.955949	56354.63	56244	5.99	56360.62	56360.77734	56365.06352	56365.76563	503231.8	5410551.0
L3230.0	503231.8	5410551.0	38976.89844	299.63	0	48.847921	-86.955949	56353.73	56244	6.00	56359.73	56359.88672	56362.47907	56363.18750	503231.8	5410551.0
L3230.0	503231.8	5410548.9	38977.00000	300.65	0	48.847902	-86.955949	56352.98	56244	6.00	56358.98	56359.14063	56360.88485	56361.60156	503231.8	5410548.9
L3230.0	503231.8	5410547.4	38977.10156	302.88	0	48.847888	-86.955949	56352.64	56244	6.00	56358.64	56358.80078	56362.12173	56362.84766	503231.8	5410547.4
L3230.0	503231.8	5410545.8	38977.19922	301.56	0	48.847874	-86.955949	56352.02	56244	6.00	56358.02	56358.18359	56359.67291	56360.40234	503231.8	5410545.8
L3230.0	503231.8	5410545.8	38977.30078	300.76	0	48.847874	-86.955949	56351.28	56244	6.00	56357.28	56357.44531	56361.38892	56362.12891	503231.8	5410545.8
L3230.0	503231.8	5410544.4	38977.39844	302.46	0	48.847862	-86.955949	56350.31	56244	6.00	56356.31	56356.47656	56356.05763	56356.80469	503231.8	5410544.4
L3230.0	503231.8	5410543.2	38977.50000	302.13	0	48.847851	-86.955949	56349.60	56244	6.00	56355.59	56355.75781	56358.79649	56359.55078	503231.8	5410543.2
L3230.0	503231.8	5410543.2	38977.60156	300.19	0	48.847851	-86.955949	56348.89	56244	5.99	56354.88	56355.05078	56353.51128	56354.26953	503231.8	5410543.2
L3230.0	503231.8	5410541.7	38977.69922	298.88	0	48.847837	-86.955949	56348.66	56244	5.99	56354.65	56354.82031	56358.89216	56359.65625	503231.8	5410541.7
L3230.0	503231.8	5410540.5	38977.80078	296.65	0	48.847826	-86.955949	56347.96	56244	5.99	56353.95	56354.12109	56354.91868	56355.69141	503231.8	5410540.5
L3230.0	503231.8	5410540.5	38977.89844	297.19	0	48.847826	-86.955949	56347.23	56244	5.99	56353.22	56353.39453	56354.32655	56355.10547	503231.8	5410540.5
L3230.0	503231.8	5410538.5	38978.00000	298.44	0	48.847808	-86.955949	56346.76	56244	5.99	56352.75	56352.92578	56353.46758	56354.25391	503231.8	5410538.5
L3230.0	503231.8	5410537.1	38978.10156	298.33	0	48.847796	-86.955949	56346.46	56244	5.99	56352.45	56352.62891	56354.99471	56355.78516	503231.8	5410537.1
L3230.0	503231.8	5410535.8	38978.19922	295.46	0	48.847784	-86.955949	56345.67	56244	5.99	56351.66	56351.83984	56353.66321	56354.46094	503231.8	5410535.8
L3230.0	503231.8	5410534.2	38978.30078	293.64	0	48.847770	-86.955949	56344.72	56244	5.99	56350.72	56350.90234	56350.08170	56350.88281	503231.8	5410534.2
L3230.0	503231.8	5410532.8	38978.39844	294.29	0	48.847757	-86.955949	56344.18	56244	5.99	56350.18	56350.36719	56353.51035	56354.32031	503231.8	5410532.8
L3230.0	503231.8	5410532.8	38978.50000	295.82	0	48.847757	-86.955949	56343.19	56244	5.99	56349.19	56349.37891	56347.83309	56348.64844	503231.8	5410532.8
L3230.0	503231.8	5410531.0	38978.60156	297.46	0	48.847741	-86.955948	56342.68	56244	6.00	56348.68	56348.87109	56352.09877	56352.91797	503231.8	5410531.0
L3230.0	503231.8	5410531.0	38978.69922	298.07	0	48.847741	-86.955948	56341.62	56244	6.00	56347.61	56347.80078	56346.60968	56347.43359	503231.8	5410531.0
L3230.0	503231.9	5410529.5	38978.80078	297.62	0	48.847728	-86.955948	56340.97	56244	6.00	56346.97	56347.16406	56348.89849	56349.72656	503231.9	5410529.5
L3230.0	503231.9	5410528.1	38978.89844	299.22	0	48.847715	-86.955948	56340.28	56244	6.00	56346.28	56346.47656	56346.10046	56346.93750	503231.9	5410528.1
L3230.0	503231.9	5410526.8	38979.00000	299.57	0	48.847702	-86.955948	56339.90	56244	6.00	56345.90	56346.10156	56347.60760	56348.44922	503231.9	5410526.8
L3230.0	503231.9	5410526.8	38979.10156	299.08	0	48.847702	-86.955948	56339.24	56244	6.00	56345.24	56345.44141	56347.11690	56347.96094	503231.9	5410526.8
L3230.0	503231.9	5410525.0	38979.19922	298.42	0	48.847686	-86.955948	56338.34	56244	6.00	56344.34	56344.54688	56343.82202	56344.67188	503231.9	5410525.0
L3230.0	503231.9	5410523.7	38979.30078	299.04	0	48.847675	-86.955948	56337.81	56244	6.00	56343.81	56344.01953	56347.04672	56347.90234	503231.9	5410523.7
L3230.0	503231.9	5410522.2	38979.39844	300.28	0	48.847662	-86.955947	56336.84	56244	6.00	56342.84	56343.05078	56341.93189	56342.79297	503231.9	5410522.2
L3230.0	503231.9	5410520.6	38979.50000	299.21	0	48.847647	-86.955947	56336.20	56244	6.00	56342.19	56342.40625	56345.54578	56346.41406	503231.9	5410520.6
L3230.0	503231.9	5410520.6	38979.60156	298.03	0	48.847647	-86.955947	56335.23	56244	5.99	56341.22	56341.43750	56339.87876	56340.75000	503231.9	5410520.6
L3230.0	503232.0	5410519.2	38979.69922	297.63	0	48.847635	-86.955947	56334.74	56244	5.99	56340.73	56340.95313	56344.18896	56345.06641	503232.0	5410519.2
L3230.0	503232.0	5410519.2	38979.80078	298.31	0	48.847635	-86.955947	56333.83	56244	5.99	56339.82	56340.04688	56340.00055	56340.88281	503232.0	5410519.2
L3230.0	503232.0	5410517.4	38979.89844	297.42	0	48.847618	-86.955947	56332.88	56244	5.99	56338.87	56339.10156	56341.35335	56342.24219	503232.0	5410517.4
L3230.0	503232.0	5410515.5	38980.00000	298.31	0	48.847601	-86.955947	56331.78	56244	5.99	56337.77	56338.00391	56336.73938	56337.63281	503232.0	5410515.5
L3230.0	503232.0	5410514.0	38980.10156	297.05	0	48.847588	-86.955946	56331.32	56244	5.99	56337.32	56337.55859	56338.61224	56339.51172	503232.0	5410514.0
L3230.0	503232.0	5410514.0	38980.19922	298.04	0	48.847588	-86.955946	56330.89	56244	5.99	56336.89	56337.13281	56339.53057	56340.43750	503232.0	5410514.0
L3230.0	503232.0	5410512.4	38980.30078	298.09	0	48.847573	-86.955946	56330.00	56244	6.00	56336.00	56336.24609	56335.99179	56336.90234	503232.0	5410512.4
L3230.0	503232.0	5410512.4	38980.39844	299.10	0	48.847573	-86.955946	56329.26	56244	6.00	56335.26	56335.51172	56338.21765	56339.13672	503232.0	5410512.4
L3230.0	503232.0	5410511.0	38980.50000	301.79	0	48.847561	-86.955946	56328.19	56244	6.00	56334.19	56334.44531	56332.97227	56333.89453	503232.0	5410511.0
L3230.0	503232.0	5410509.8	38980.60156	301.41	0	48.847550	-86.955946	56327.70	56244	6.00	56333.70	56333.96094	56336.47784	56337.40625	503232.0	5410509.8
L3230.0	503232.0	5410507.8	38980.69922	300.74	0	48.847532	-86.955946	56326.86	56244	6.00	56332.87	56333.13281	56333.09331	56334.02734	503232.0	5410507.8
L3230.0	503232.0	5410507.8	38980.80078	299.08	0	48.847532	-86.955946	56326.45	56244	6.01	56332.45	56332.71875	56332.58810	56333.53125	503232.0	5410507.8
L3230.0	503232.1	5410506.6	38980.89844	297.85	0	48.847521	-86.955946	56326.07	56244	6.01	56332.07	56332.34375	56338.48352	56339.43359	503232.1	5410506.6
L3230.0	503232.1	5410505.0	38981.00000	296.97	0	48.847507	-86.955946	56324.56	56244	6.01	56330.57	56330.84766	56326.73856	56327.69531	503232.1	5410505.0
L3230.0	503232.1	5410503.2	38981.10156	299.37	0	48.847491	-86.955945	56323.93	56244	6.01	56329.94	56330.22266	56336.13455	56337.09766	503232.1	5410503.2
L3230.0	503232.1	5410503.2	38981.19922	298.68	0	48.847491	-86.955945	56322.80	56244	6.02	56328.82	56329.10938	56325.05590	56326.02734	503232.1	5410503.2
L3230.0	503232.1	5410501.5	38981.30078	296.37	0	48.847475	-86.955945	56322.37	56244	6.02	56328.39	56328.68359	56335.56390	56336.54297	503232.1	5410501.5
L3230.0	503232.1	5410501.5	38981.39844	295.80	0	48.847475	-86.955945	56321.19	56244	6.02	56327.21	56327.51172	56325.18938	56326.17578	503232.1	5410501.5
L3230.0	503232.1	5410499.6	38981.50000	297.19	0	48.847458	-86.955945	56320.38	56244	6.03	56326.40	56326.70703	56330.52965	56331.52344	503232.1	5410499.6
L3230.0	503232.1	5410498.2	38981.60156	298.21	0	48.847446	-86.955945	56319.43	56244	6.03	56325.46	56325.76953	56325.86401	56326.86328	503232.1	5410498.2
L3230.0	503232.1	5410497.1	38981.69922	298.02	0	48.847435	-86.955945	56318.76	56244	6.03	56324.79	56325.10547	56325.93891	56326.94922	503232.1	5410497.1
L3230.0	503232.1	5410497.1	38981.80078	297.76	0	48.847435	-86.955945	56318.19	56244	6.03	56324.22	56324.54297	56328.56154	56329.57813	503232.1	5410497.1
L3230.0	503232.1	5410495.4	38981.89844	301.66	0	48.847421	-86.955945	56317.01	56244	6.04	56323.05	56323.37891	56325.79759	56326.82422	503232.1	5410495.4
L3230.0	503232.2	5410493.9	38982.00000	302.38	0	48.847407	-86.955945	56316.19	56244	6.04	56322.23	56322.56641	56325.60019	56326.63672	503232.2	5410493.9
L3230.0	503232.2	5410492.5	38982.10156	300.56	0	48.847395	-86.955944	56315.07	56244	6.04	56321.11	56321.45313	56323.05948	56324.10547	503232.2	5410492.5
L3230.0	503232.2	5410492.5	38982.19922	301.09	0	48.847395	-86.955944	56314.43	56244	6.04	56320.47	56320.81641	56324.46179	56325.51563	503232.2	5410492.5
L3230.0	503232.2	5410490.6	38982.30078	300.01	0	48.847377	-86.955944	56313.23	56244	6.04	56319.27	56319.62500	56321.19770	56322.26172	503232.2	5410490.6
L3230.0	503232.2	5410488.9	38982.39844	298.07	0	48.847362	-86.955944	56312.36	56244	6.04	56318.39	56318.75000	56320.69142	56321.76563	503232.2	5410488.9
L3230.0	503232.2	5410488.9	38982.50000	300.86	0	48.847362	-86.955944	56311.34	56244	6.04	56317.38	56317.75000	56319.07529	56320.16016	503232.2	5410488.9
L3230.0	503232.2	5410487.0	38982.60156	302.83	0	48.847345	-86.955944	56310.71	56244	6.03	56316.74	56317.11719	56320.90141	56321.99609	503232.2	5410487.0
L3230.0	503232.2	5410487.0	38982.69922	303.29	0	48.847345	-86.955944	56309.68	56244	6.03	56315.71	56316.09375	56319.21966	56320.32422	503232.2	5410487.0
L3230.0	503232.2	5410484.7	38982.80078	303.79	0	48.847324	-86.955944	56308.74	56244	6.03	56314.77	56315.16016	56318.42469	56319.54297	503232.2	5410484.7
L3230.0	503232.2	5410484.7	38982.89844	303.40	0	48.847324	-86.955944	56307.90	56244	6.03	56313.93	56314.32813	56318.61942	56319.75000	503232.2	5410484.7
L3230.0	503232.2	5410483.3	38983.00000	304.54	0	48.847311	-86.955944	56306.90	56244	6.03	56312.93	56313.33594	56317.37554	56318.51563	503232.2	5410483.3
L3230.0	503232.2	5410481.9	38983.10156	303.07	0	48.847299	-86.955944	56305.98	56244	6.03	56312.01	56312.42188	56316.91975	56318.07422	503232.2	5410481.9
L3230.0	503232.2	5410481.9	38983.19922	299.82	0	48.847299	-86.955944	56304.73	56244	6.03	56310.77	56311.18750	56313.60905	56314.77734	503232.2	5410481.9
L3230.0	503232.2	5410480.5	38983.30078	297.79	0	48.847287	-86.955944	56303.89	56244	6.03	56309.92	56310.34766	56313.87699	56315.05469	503232.2	5410480.5
L3230.0	503232.2	5410478.5	38983.39844	298.41	0	48.847268	-86.955943	56302.69	56244	6.03	56308.72	56309.15625	56311.10456	56312.29688	503232.2	5410478.5
L3230.0	503232.2	5410478.5	38983.50000	300.07	0	48.847268	-86.955943	56301.88	56244	6.03	56307.91	56308.35156	56311.74044	56312.94531	503232.2	5410478.5
L3230.0	503232.2	5410476.8	38983.60156	300.72	0	48.847253	-86.955943	56300.83	56244	6.04	56306.86	56307.30859	56310.35057	56311.57031	503232.2	5410476.8
L3230.0	503232.2	5410475.2	38983.69922	298.83	0	48.847239	-86.955943	56299.50	56244	6.04	56305.54	56306.00000	56306.85535	56308.08984	503232.2	5410475.2
L3230.0	503232.2	5410473.9	38983.80078	297.06	0	48.847227	-86.955943	56298.22	56244	6.04	56304.26	56304.72656	56303.83578	56305.08594	503232.2	5410473.9
L3230.0	503232.2	5410473.9	38983.89844	298.53	0	48.847227	-86.955943	56297.13	56244	6.04	56303.17	56303.64453	56302.37932	56303.64453	503232.2	5410473.9
L3230.0	503232.2	5410472.0	38984.00000	299.06	0	48.847210	-86.955943	56296.64	56244	6.04	56302.68	56303.16406	56305.34285	56306.62500	503232.2	5410472.0
L3230.0	503232.3	5410470.4	38984.10156	298.77	0	48.847195	-86.955943	56295.67	56244	6.04	56301.71	56302.20313	56304.70779	56306.00391	503232.3	5410470.4
L3230.0	503232.3	5410470.4	38984.19922	300.45	0	48.847195	-86.955943	56294.84	56244	6.04	56300.88	56301.37891	56305.05274	56306.36719	503232.3	5410470.4
L3230.0	503232.3	5410469.0	38984.30078	298.82	0	48.847183	-86.955943	56293.60	56244	6.04	56299.64	56300.14844	56302.58882	56303.91797	503232.3	5410469.0
L3230.0	503232.3	5410467.8	38984.39844	298.41	0	48.847172	-86.955943	56292.56	56244	6.04	56298.61	56299.12500	56303.15474	56304.50000	503232.3	5410467.8

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L3230.0	503232.3	5410467.8	38984.50000	299.69	0	48.847172	-86.955943	56291.41	56244	6.04	56297.46	56297.98438	56296.90672	56298.26953	503232.3	5410467.8
L3230.0	503232.3	5410466.0	38984.60156	300.35	0	48.847156	-86.955943	56290.46	56244	6.05	56296.50	56297.03516	56301.60968	56302.99219	503232.3	5410466.0
L3230.0	503232.3	5410464.8	38984.69922	299.98	0	48.847145	-86.955943	56289.15	56244	6.05	56295.20	56295.74219	56294.66857	56296.07031	503232.3	5410464.8
L3230.0	503232.3	5410463.0	38984.80078	299.93	0	48.847129	-86.955943	56288.06	56244	6.05	56294.11	56294.66016	56297.86098	56299.28125	503232.3	5410463.0
L3230.0	503232.3	5410463.0	38984.89844	297.89	0	48.847129	-86.955943	56286.85	56244	6.05	56292.90	56293.46094	56292.42492	56293.86328	503232.3	5410463.0
L3230.0	503232.3	5410461.5	38985.00000	298.73	0	48.847115	-86.955943	56286.02	56243.9	6.05	56292.07	56292.64063	56294.66988	56296.12891	503232.3	5410461.5
L3230.0	503232.3	5410460.1	38985.10156	299.48	0	48.847103	-86.955943	56285.00	56244	6.05	56291.05	56291.62891	56295.56027	56297.03906	503232.3	5410460.1
L3230.0	503232.3	5410458.5	38985.19922	299.61	0	48.847089	-86.955943	56283.48	56244	6.05	56289.53	56290.11719	56288.38393	56289.88281	503232.3	5410458.5
L3230.0	503232.3	5410458.5	38985.30078	299.75	0	48.847089	-86.955943	56282.39	56244	6.05	56288.44	56289.03516	56291.79042	56293.30859	503232.3	5410458.5
L3230.0	503232.3	5410456.7	38985.39844	297.90	0	48.847073	-86.955943	56281.23	56244	6.05	56287.28	56287.88672	56286.93198	56288.47266	503232.3	5410456.7
L3230.0	503232.3	5410455.5	38985.50000	299.53	0	48.847061	-86.955943	56280.31	56244	6.05	56286.35	56286.96484	56290.05236	56291.61328	503232.3	5410455.5
L3230.0	503232.3	5410455.5	38985.60156	299.97	0	48.847061	-86.955943	56279.06	56244	6.04	56285.10	56285.72266	56286.01324	56287.59766	503232.3	5410455.5
L3230.0	503232.3	5410453.8	38985.69922	298.98	0	48.847046	-86.955943	56277.87	56244	6.04	56283.91	56284.54297	56285.24457	56286.85156	503232.3	5410453.8
L3230.0	503232.3	5410453.8	38985.80078	297.29	0	48.847046	-86.955943	56276.75	56244	6.04	56282.80	56283.44141	56285.44622	56287.07813	503232.3	5410453.8
L3230.0	503232.3	5410452.0	38985.89844	296.46	0	48.847030	-86.955943	56275.36	56244	6.04	56281.40	56282.05078	56282.43372	56284.08594	503232.3	5410452.0
L3230.0	503232.3	5410450.8	38986.00000	299.22	0	48.847019	-86.955943	56274.06	56244	6.04	56280.10	56280.76172	56281.02275	56282.69922	503232.3	5410450.8
L3230.0	503232.3	5410450.8	38986.10156	300.75	0	48.847019	-86.955943	56272.86	56244	6.04	56278.90	56279.57031	56280.83410	56282.53516	503232.3	5410450.8
L3230.0	503232.3	5410449.0	38986.19922	300.36	0	48.847003	-86.955943	56271.58	56244	6.04	56277.62	56278.30078	56278.35203	56280.07813	503232.3	5410449.0
L3230.0	503232.3	5410447.3	38986.30078	299.59	0	48.846988	-86.955943	56270.31	56244	6.05	56276.36	56277.05078	56278.40791	56280.16016	503232.3	5410447.3
L3230.0	503232.3	5410446.3	38986.39844	298.02	0	48.846979	-86.955943	56269.00	56244	6.05	56275.05	56275.75000	56275.13226	56276.91016	503232.3	5410446.3
L3230.0	503232.3	5410444.8	38986.50000	297.49	0	48.846966	-86.955943	56267.76	56243.9	6.05	56273.81	56274.51953	56276.87563	56278.67969	503232.3	5410444.8
L3230.0	503232.3	5410444.8	38986.60156	298.81	0	48.846966	-86.955943	56266.35	56243.9	6.05	56272.40	56273.11719	56270.54716	56272.37891	503232.3	5410444.8
L3230.0	503232.3	5410443.4	38986.69922	298.23	0	48.846953	-86.955943	56265.41	56243.9	6.05	56271.46	56272.18750	56275.92990	56277.78906	503232.3	5410443.4
L3230.0	503232.3	5410441.8	38986.80078	295.33	0	48.846938	-86.955943	56263.97	56243.9	6.06	56270.03	56270.76563	56269.13127	56271.01953	503232.3	5410441.8
L3230.0	503232.3	5410441.8	38986.89844	297.37	0	48.846938	-86.955943	56262.65	56243.9	6.06	56268.71	56269.45703	56272.28592	56274.20313	503232.3	5410441.8
L3230.0	503232.3	5410440.2	38987.00000	298.02	0	48.846924	-86.955943	56261.16	56243.9	6.06	56267.22	56267.97656	56264.93921	56266.88281	503232.3	5410440.2
L3230.0	503232.3	5410440.2	38987.10156	299.27	0	48.846924	-86.955943	56260.15	56243.9	6.06	56266.21	56266.97656	56271.19872	56273.17188	503232.3	5410440.2
L3230.0	503232.3	5410436.8	38987.19922	299.18	0	48.846893	-86.955943	56258.52	56243.9	6.06	56264.58	56265.35547	56263.27590	56265.27734	503232.3	5410436.8
L3230.0	503232.3	5410436.8	38987.30078	298.04	0	48.846893	-86.955943	56257.21	56243.9	6.07	56263.28	56264.06250	56264.85724	56266.89063	503232.3	5410436.8
L3230.0	503232.3	5410435.1	38987.39844	298.91	0	48.846878	-86.955943	56256.01	56243.9	6.07	56262.08	56262.87109	56262.92363	56264.98828	503232.3	5410435.1
L3230.0	503232.3	5410433.7	38987.50000	299.70	0	48.846865	-86.955943	56254.86	56243.9	6.07	56260.93	56261.73047	56261.85326	56263.94922	503232.3	5410433.7
L3230.0	503232.3	5410433.7	38987.60156	302.02	0	48.846865	-86.955943	56253.67	56243.9	6.07	56259.74	56260.55078	56262.16924	56264.29688	503232.3	5410433.7
L3230.0	503232.3	5410432.1	38987.69922	301.15	0	48.846851	-86.955943	56252.44	56243.9	6.07	56258.51	56259.33203	56256.99420	56259.15234	503232.3	5410432.1
L3230.0	503232.3	5410430.6	38987.80078	299.12	0	48.846837	-86.955943	56251.44	56243.9	6.08	56257.52	56258.35156	56264.12049	56266.31250	503232.3	5410430.6
L3230.0	503232.3	5410430.6	38987.89844	298.82	0	48.846837	-86.955943	56249.48	56243.9	6.08	56255.56	56256.39844	56251.96726	56254.19141	503232.3	5410430.6
L3230.0	503232.3	5410429.1	38988.00000	300.13	0	48.846824	-86.955943	56248.18	56243.9	6.08	56254.26	56255.10938	56258.89022	56261.14844	503232.3	5410429.1
L3230.0	503232.3	5410427.8	38988.10156	300.23	0	48.846813	-86.955943	56246.41	56243.9	6.08	56252.49	56253.34766	56250.00633	56252.30078	503232.3	5410427.8
L3230.0	503232.3	5410427.8	38988.19922	299.85	0	48.846813	-86.955943	56245.17	56243.9	6.08	56251.25	56252.11719	56254.02972	56256.35938	503232.3	5410427.8
L3230.0	503232.3	5410426.0	38988.30078	298.15	0	48.846796	-86.955943	56243.66	56243.9	6.08	56249.74	56250.61719	56248.60127	56250.96484	503232.3	5410426.0
L3230.0	503232.3	5410424.6	38988.39844	297.56	0	48.846783	-86.955943	56242.54	56243.9	6.08	56248.62	56249.50391	56249.96871	56252.36719	503232.3	5410424.6
L3230.0	503232.3	5410423.2	38988.50000	296.47	0	48.846771	-86.955943	56241.21	56243.9	6.08	56247.29	56248.18359	56247.92614	56250.35938	503232.3	5410423.2
L3230.0	503232.3	5410423.2	38988.60156	297.90	0	48.846771	-86.955943	56239.76	56243.9	6.08	56245.84	56246.74219	56245.66550	56248.13672	503232.3	5410423.2
L3230.0	503232.3	5410421.5	38988.69922	298.47	0	48.846756	-86.955943	56238.56	56243.9	6.08	56244.64	56245.55469	56245.61312	56248.12109	503232.3	5410421.5
L3230.0	503232.3	5410419.7	38988.80078	296.28	0	48.846740	-86.955943	56237.08	56243.9	6.08	56243.16	56244.08203	56242.96231	56245.50781	503232.3	5410419.7
L3230.0	503232.3	5410419.7	38988.89844	295.59	0	48.846740	-86.955943	56235.70	56243.9	6.08	56241.78	56242.71094	56242.61690	56245.19922	503232.3	5410419.7
L3230.0	503232.4	5410418.3	38989.00000	297.72	0	48.846727	-86.955942	56234.02	56243.9	6.08	56240.10	56241.03906	56239.57595	56242.19531	503232.4	5410418.3
L3230.0	503232.4	5410417.0	38989.10156	298.43	0	48.846715	-86.955942	56232.76	56243.9	6.08	56238.84	56239.78906	56239.78178	56242.44141	503232.4	5410417.0
L3230.0	503232.4	5410415.6	38989.19922	297.83	0	48.846703	-86.955942	56231.06	56243.9	6.08	56237.14	56238.09766	56236.46955	56239.16797	503232.4	5410415.6
L3230.0	503232.4	5410415.6	38989.30078	296.95	0	48.846703	-86.955942	56229.90	56243.9	6.08	56235.97	56236.93750	56236.79615	56239.53516	503232.4	5410415.6
L3230.0	503232.4	5410413.5	38989.39844	296.47	0	48.846683	-86.955942	56228.58	56243.9	6.08	56234.65	56235.62500	56234.42664	56237.20313	503232.4	5410413.5
L3230.0	503232.4	5410412.0	38989.50000	296.41	0	48.846670	-86.955942	56227.36	56243.9	6.07	56233.43	56234.41406	56234.59759	56237.41406	503232.4	5410412.0
L3230.0	503232.4	5410410.7	38989.60156	295.55	0	48.846658	-86.955942	56225.80	56243.9	6.07	56231.87	56232.86328	56232.29783	56235.15625	503232.4	5410410.7
L3230.0	503232.4	5410410.7	38989.69922	297.16	0	48.846658	-86.955942	56224.21	56243.9	6.07	56230.28	56231.28125	56230.09583	56232.99609	503232.4	5410410.7
L3230.0	503232.4	5410408.8	38989.80078	297.21	0	48.846641	-86.955941	56222.84	56243.9	6.07	56228.91	56229.92188	56230.34642	56233.28516	503232.4	5410408.8
L3230.0	503232.4	5410408.8	38989.89844	296.48	0	48.846641	-86.955941	56221.39	56243.9	6.07	56227.46	56228.48047	56226.92229	56229.90625	503232.4	5410408.8
L3230.0	503232.4	5410407.5	38990.00000	297.24	0	48.846629	-86.955941	56219.98	56243.9	6.07	56226.05	56227.07813	56229.48991	56232.51563	503232.4	5410407.5
L3230.0	503232.5	5410405.7	38990.10156	300.54	0	48.846614	-86.955941	56218.34	56243.9	6.07	56224.41	56225.44922	56220.24425	56223.31250	503232.5	5410405.7
L3230.0	503232.5	5410405.7	38990.19922	300.52	0	48.846614	-86.955941	56217.30	56243.9	6.08	56223.37	56224.41797	56225.24111	56228.35156	503232.5	5410405.7
L3230.0	503232.5	5410404.4	38990.30078	301.43	0	48.846601	-86.955941	56215.75	56243.9	6.08	56221.82	56222.87500	56222.97731	56226.12891	503232.5	5410404.4
L3230.0	503232.5	5410403.0	38990.39844	300.93	0	48.846589	-86.955941	56214.29	56243.9	6.08	56220.37	56221.43359	56221.39466	56224.58984	503232.5	5410403.0
L3230.0	503232.5	5410401.3	38990.50000	300.83	0	48.846574	-86.955941	56212.83	56243.9	6.08	56218.91	56219.98047	56219.66337	56222.90234	503232.5	5410401.3
L3230.0	503232.5	5410401.3	38990.60156	303.06	0	48.846574	-86.955941	56211.50	56243.9	6.09	56217.59	56218.67188	56219.20843	56222.49219	503232.5	5410401.3
L3230.0	503232.5	5410401.3	38990.69922	303.60	0	48.846574	-86.955941	56210.06	56243.9	6.09	56216.15	56217.23828	56217.58479	56220.91406	503232.5	5410401.3
L3230.0	503232.5	5410398.3	38990.80078	302.32	0	48.846547	-86.955941	56208.88	56243.9	6.09	56214.97	56216.06641	56218.59407	56221.96875	503232.5	5410398.3
L3230.0	503232.5	5410398.3	38990.89844	302.10	0	48.846547	-86.955941	56207.14	56243.9	6.10	56213.23	56214.33594	56213.66912	56217.08594	503232.5	5410398.3
L3230.0	503232.5	5410396.7	38991.00000	302.21	0	48.846532	-86.955941	56205.66	56243.9	6.10	56211.76	56212.87500	56211.47100	56214.93359	503232.5	5410396.7
L3230.0	503232.5	5410395.1	38991.10156	301.39	0	48.846518	-86.955941	56203.96	56243.9	6.10	56210.06	56211.18359	56206.69723	56210.20703	503232.5	5410395.1
L3230.0	503232.5	5410393.2	38991.19922	302.55	0	48.846501	-86.955941	56202.94	56243.9	6.10	56209.04	56210.17188	56209.26991	56212.82422	503232.5	5410393.2
L3230.0	503232.5	5410393.2	38991.30078	300.93	0	48.846501	-86.955941	56201.76	56243.9	6.10	56207.86	56209.00000	56209.99839	56213.59766	503232.5	5410393.2
L3230.0	503232.5	5410391.8	38991.39844	297.09	0	48.846488	-86.955941	56200.48	56243.9	6.10	56206.58	56207.72656	56209.53183	56213.17969	503232.5	5410391.8
L3230.0	503232.5	5410390.0	38991.50000	299.61	0	48.846473	-86.955941	56199.11	56243.9	6.10	56205.21	56206.36719	56208.03545	56211.72656	503232.5	5410390.0
L3230.0	503232.5	5410390.0	38991.60156	301.07	0	48.846473	-86.955941	56197.54	56243.9	6.10	56203.64	56204.80469	56204.56862	56208.30859	503232.5	5410390.0
L3230.0	503232.5	5410388.8	38991.69922	300.03	0	48.846461	-86.955941	56196.38	56243.9	6.10	56202.47	56203.64453	56204.89976	56208.68750	503232.5	5410388.8
L3230.0	503232.5	5410387.6	38991.80078	300.46	0	48.846451	-86.955941	56194.69	56243.9	6.10	56200.79	56201.97266	56200.65678	56204.48828	503232.5	5410387.6
L3230.0	503232.5	5410387.6	38991.89844	297.30	0	48.846451	-86.955941	56193.54	56243.9	6.10	56199.64	56200.83203	56200.97215	56204.85156	503232.5	5410387.6
L3230.0	503232.5	5410385.7	38992.00000	298.35	0	48.846433	-86.955941	56191.86	56243.9	6.10	56197.96	56199.16016	56197.15538	56201.08203	503232.5	5410385.7
L3230.0	503232.5	5410384.0	38992.10156	299.76	0	48.846418	-86.955941	56190.39	56243.9	6.10	56196.49	56197.69922	56199.81992	56203.79688	503232.5	5410384.0
L3230.0	503232.5	5410382.8	38992.19922	298.71	0	48.846407	-86.955941	56188.84	56243.9	6.10	56194.94	56196.15625	56190.42342	56194.44531	503232.5	5410382.8
L3230.0	503232.4	5410381.7	38992.30078	298.99	0	48.846398	-86.955941	56188.08	56243.9	6.10	56194.18	56195.40625	56196.72342	56200.79297	503232.4	5410381.7
L3230.0	503232.4	5410380.1	38992.39844	298.54	0	48.846383	-86.955942	56186.98	56243.9	6.10	56193.08	56194.31250	56194.41114	56198.52734	503232.4	5410380.1
L3230.0	503232.4	5410380.1	38992.50000	298.98	0	48.846383	-86.955942	56185.54	56243.9	6.10	56191.64	56192.88281	56190.90820	56195.07422	503232.4	5410380.1
L3230.0	503232.4	5410380.1	38992.60156	298.81	0	48.846383	-86.955942	56184.28	56243.9	6.10	56190.38	56191.63281	56192.43931	56196.65234	503232.4	5410380.1
L3230.0	503232.4	5410378.5	38992.69922	297.96	0	48.846369	-86.955942	56182.52	56243.9	6.10	56188.62	56189.87891	56187.68259	56191.94531	503232.4	5410378.5
L3230.0	503232.4	5410376.8	38992.80078	297.37	0	48.846354	-86.955942	56181.08	56243.9	6.10	56187.18	56188.44922	56187.66367	56191.97266	503232.4	5410376.8
L3230.0	503232.4	5410375.7	38992.89844	296.13	0	48.846343	-86.955942	56179.66	56243.9	6.10	56185.76	56187.03906	56185.37913	56189.73828	503232.4	5410375.7
L3230.0	503232.4	5410375.7	38993.00000	296.77	0	48.846343	-86.955942	56178.62	56243.9	6.10	56184.72	56186.00781	56184.75188	56189.16016	503232.4	5410375.7
L3230.0	503232.4	5410374.0	38993.10156	298.85	0	48.846329	-86.955942	56177.59	56243.9	6.10	56183.69	56184.98828	56183.98696	56188.44141	503232.4	5410374.0
L3230.0	503232.4	5410372.7	38993.19922	297.10	0	48.846317	-86.955942	56175.90	56243.9	6.10	56182.00	56183.30469	56182.00000	56186.50391	503232.4	5410372.7
L3230.0	503232.4	5410371.0	38993.30078	296.98	0	48.846301	-86.955942	56174.30	56243.9	6.10	56180.39	56181.70313	56180.37345	56184.92578	503232.4	5410371.0
L3230.0	503232.4	5410369.8	38993.39844	296.83	0	48.846291	-86.955942	56172.85	56243.9	6.10	56178.94	56180.26172	56178.91158	56183.51172	503232.4	5410369.8
L3230.0	503232.4	5410369.8	38993.50000	296.35	0	48.846291	-86.955942	56171.39	56243.9	6.10	56177.48	56178.81250	56177.46301	56182.11328	503232.4	5410369.8
L3230.0	503232.4	5410367.7	38993.60156	297.59	0	48.846272	-86.955942	56170.00	56243.9	6.09	56176.10	56177.44141	56176.10117	56180.80078	503232.4	5410367.7
L3230.0	503232.4	5410367.7	38993.69922	298.03	0	48.846272	-86.955942	56168.88	56243.9	6.09	56174.98	56176.33203	56174.90220	56179.64844	503232.4	5410367.7

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L3230.0	503232.4	5410366.0	38993.80078	297.51	0	48.846256	-86.955942	56167.84	56243.9	6.09	56173.94	56175.30078	56173.71895	56178.51172	503232.4	5410366.0
L3230.0	503232.4	5410364.6	38993.89844	296.49	0	48.846244	-86.955942	56166.54	56243.9	6.09	56172.63	56174.00000	56172.42771	56177.26953	503232.4	5410364.6
L3230.0	503232.4	5410364.6	38994.00000	296.50	0	48.846244	-86.955942	56165.59	56243.9	6.09	56171.68	56173.05859	56171.16072	56176.05078	503232.4	5410364.6
L3230.0	503232.4	5410363.0	38994.10156	295.77	0	48.846229	-86.955942	56164.01	56243.9	6.09	56170.10	56171.49219	56169.69220	56174.62891	503232.4	5410363.0
L3230.0	503232.4	5410360.7	38994.19922	295.33	0	48.846209	-86.955942	56162.28	56243.9	6.09	56168.36	56169.76172	56168.16886	56173.15625	503232.4	5410360.7
L3230.0	503232.4	5410360.7	38994.30078	295.21	0	48.846209	-86.955942	56160.81	56243.9	6.08	56166.89	56168.30078	56166.66814	56171.70313	503232.4	5410360.7
L3230.0	503232.4	5410359.2	38994.39844	295.36	0	48.846195	-86.955942	56159.31	56243.9	6.08	56165.39	56166.80859	56165.18950	56170.26953	503232.4	5410359.2
L3230.0	503232.4	5410358.0	38994.50000	294.80	0	48.846185	-86.955942	56157.90	56243.9	6.08	56163.98	56165.41016	56163.69403	56168.82422	503232.4	5410358.0
L3230.0	503232.4	5410358.0	38994.60156	296.40	0	48.846185	-86.955942	56156.29	56243.9	6.08	56162.37	56163.81250	56162.21496	56167.39063	503232.4	5410358.0
L3230.0	503232.4	5410356.4	38994.69922	298.02	0	48.846170	-86.955943	56154.88	56243.9	6.08	56160.95	56162.40234	56160.67439	56165.89844	503232.4	5410356.4
L3230.0	503232.4	5410355.1	38994.80078	295.46	0	48.846159	-86.955943	56152.96	56243.9	6.07	56159.04	56160.50000	56159.26116	56164.53125	503232.4	5410355.1
L3230.0	503232.4	5410353.6	38994.89844	292.80	0	48.846145	-86.955943	56151.89	56243.9	6.07	56157.96	56159.43359	56157.72939	56163.04688	503232.4	5410353.6
L3230.0	503232.4	5410352.6	38995.00000	295.07	0	48.846135	-86.955943	56150.32	56243.9	6.07	56156.39	56157.87109	56156.34536	56161.70703	503232.4	5410352.6
L3230.0	503232.4	5410352.6	38995.10156	296.08	0	48.846135	-86.955943	56149.06	56243.9	6.07	56155.12	56156.61328	56154.89051	56160.30078	503232.4	5410352.6
L3230.0	503232.4	5410351.4	38995.19922	295.98	0	48.846125	-86.955943	56147.72	56243.9	6.07	56153.78	56155.28516	56153.41408	56158.86719	503232.4	5410351.4
L3230.0	503232.4	5410350.3	38995.30078	296.83	0	48.846115	-86.955943	56145.98	56243.9	6.06	56152.04	56153.55469	56151.94945	56157.44922	503232.4	5410350.3
L3230.0	503232.4	5410348.5	38995.39844	295.84	0	48.846099	-86.955942	56144.50	56243.9	6.06	56150.57	56152.09766	56150.39171	56155.93750	503232.4	5410348.5
L3230.0	503232.4	5410348.5	38995.50000	297.03	0	48.846099	-86.955942	56142.63	56243.9	6.06	56148.69	56150.22656	56148.92290	56154.51172	503232.4	5410348.5
L3230.0	503232.4	5410346.9	38995.60156	296.93	0	48.846085	-86.955942	56141.74	56243.9	6.06	56147.80	56149.35156	56147.37119	56153.00781	503232.4	5410346.9
L3230.0	503232.4	5410346.9	38995.69922	296.13	0	48.846085	-86.955942	56139.65	56243.9	6.06	56145.71	56147.26953	56145.88650	56151.56641	503232.4	5410346.9
L3230.0	503232.4	5410345.3	38995.80078	294.89	0	48.846071	-86.955942	56138.70	56243.9	6.05	56144.76	56146.33203	56144.32539	56150.05078	503232.4	5410345.3
L3230.0	503232.4	5410344.2	38995.89844	294.83	0	48.846060	-86.955942	56136.48	56243.9	6.05	56142.53	56144.11328	56142.68529	56148.45313	503232.4	5410344.2
L3230.0	503232.4	5410344.2	38996.00000	295.88	0	48.846060	-86.955942	56134.99	56243.9	6.05	56141.04	56142.63672	56141.05283	56146.86328	503232.4	5410344.2
L3230.0	503232.5	5410342.8	38996.10156	292.73	0	48.846047	-86.955942	56133.24	56243.9	6.05	56139.29	56140.89844	56139.42965	56145.28516	503232.5	5410342.8
L3230.0	503232.5	5410340.8	38996.19922	291.66	0	48.846029	-86.955941	56131.75	56243.9	6.05	56137.81	56139.42969	56137.85687	56143.75391	503232.5	5410340.8
L3230.0	503232.5	5410339.4	38996.30078	297.72	0	48.846017	-86.955941	56130.12	56243.9	6.05	56136.17	56137.80469	56136.26813	56142.20703	503232.5	5410339.4
L3230.0	503232.5	5410339.4	38996.39844	297.19	0	48.846017	-86.955941	56128.62	56243.9	6.05	56134.67	56136.31641	56134.70607	56140.68750	503232.5	5410339.4
L3230.0	503232.5	5410338.0	38996.50000	297.98	0	48.846005	-86.955941	56127.09	56243.9	6.06	56133.15	56134.80859	56133.10802	56139.13281	503232.5	5410338.0
L3230.0	503232.5	5410336.6	38996.60156	297.50	0	48.845992	-86.955941	56125.06	56243.9	6.06	56131.11	56132.78125	56131.36356	56137.42969	503232.5	5410336.6
L3230.0	503232.5	5410336.6	38996.69922	298.27	0	48.845992	-86.955941	56123.60	56243.9	6.06	56129.65	56131.33594	56129.75311	56135.85938	503232.5	5410336.6
L3230.0	503232.5	5410334.8	38996.80078	297.13	0	48.845976	-86.955941	56121.69	56243.9	6.06	56127.75	56129.44922	56128.08350	56134.23047	503232.5	5410334.8
L3230.0	503232.5	5410333.1	38996.89844	296.05	0	48.845961	-86.955941	56120.34	56243.9	6.06	56126.40	56128.11328	56126.52366	56132.70703	503232.5	5410333.1
L3230.0	503232.6	5410331.7	38997.00000	299.12	0	48.845948	-86.955940	56118.46	56243.9	6.06	56124.52	56126.24609	56124.91965	56131.14453	503232.6	5410331.7
L3230.0	503232.6	5410331.7	38997.10156	298.68	0	48.845948	-86.955940	56117.26	56243.9	6.06	56123.32	56125.05859	56123.34850	56129.61328	503232.6	5410331.7
L3230.0	503232.6	5410330.0	38997.19922	297.93	0	48.845933	-86.955940	56114.96	56243.9	6.06	56121.02	56122.77344	56121.81041	56128.11328	503232.6	5410330.0
L3230.0	503232.6	5410328.6	38997.30078	295.91	0	48.845920	-86.955940	56114.17	56243.9	6.07	56120.24	56122.00781	56120.21956	56126.55859	503232.6	5410328.6
L3230.0	503232.6	5410327.0	38997.39844	295.27	0	48.845905	-86.955940	56112.31	56243.9	6.07	56118.37	56120.15234	56118.74156	56125.11719	503232.6	5410327.0
L3230.0	503232.6	5410327.0	38997.50000	294.96	0	48.845905	-86.955940	56110.78	56243.9	6.07	56116.85	56118.64453	56117.09370	56123.50781	503232.6	5410327.0
L3230.0	503232.6	5410325.4	38997.60156	294.83	0	48.845891	-86.955940	56108.94	56243.9	6.07	56115.01	56116.82031	56115.52969	56121.98047	503232.6	5410325.4
L3230.0	503232.6	5410325.4	38997.69922	295.86	0	48.845891	-86.955940	56107.16	56243.9	6.07	56113.23	56115.05469	56113.90022	56120.38672	503232.6	5410325.4
L3230.0	503232.6	5410323.8	38997.80078	295.48	0	48.845876	-86.955940	56105.13	56243.9	6.08	56111.20	56113.03906	56112.55058	56119.07031	503232.6	5410323.8
L3230.0	503232.6	5410322.2	38997.89844	295.22	0	48.845863	-86.955940	56103.67	56243.9	6.08	56109.75	56111.60156	56110.71351	56117.26953	503232.6	5410322.2
L3230.0	503232.6	5410320.5	38998.00000	296.05	0	48.845847	-86.955940	56102.14	56243.9	6.08	56108.22	56110.08594	56109.26747	56115.85547	503232.6	5410320.5
L3230.0	503232.6	5410320.5	38998.10156	295.99	0	48.845847	-86.955940	56100.38	56243.9	6.08	56106.46	56108.34375	56107.65312	56114.27734	503232.6	5410320.5
L3230.0	503232.6	5410318.9	38998.19922	295.17	0	48.845833	-86.955940	56099.00	56243.9	6.08	56105.07	56106.96875	56106.27402	56112.92969	503232.6	5410318.9
L3230.0	503232.6	5410317.8	38998.30078	297.11	0	48.845823	-86.955940	56097.43	56243.9	6.07	56103.50	56105.41406	56104.74649	56111.43359	503232.6	5410317.8
L3230.0	503232.6	5410316.4	38998.39844	296.76	0	48.845810	-86.955940	56096.01	56243.9	6.07	56102.08	56104.00781	56103.29300	56110.01172	503232.6	5410316.4
L3230.0	503232.6	5410316.4	38998.50000	297.38	0	48.845810	-86.955940	56094.09	56243.9	6.07	56100.16	56102.10156	56101.47064	56108.22266	503232.6	5410316.4
L3230.0	503232.6	5410315.0	38998.60156	294.43	0	48.845798	-86.955940	56092.75	56243.9	6.07	56098.82	56100.77734	56100.01795	56106.80078	503232.6	5410315.0
L3230.0	503232.6	5410313.4	38998.69922	293.92	0	48.845783	-86.955940	56091.08	56243.9	6.07	56097.14	56099.11328	56098.37089	56105.18359	503232.6	5410313.4
L3230.0	503232.6	5410313.4	38998.80078	293.18	0	48.845783	-86.955940	56089.48	56243.9	6.06	56095.54	56097.53125	56096.68539	56103.52734	503232.6	5410313.4
L3230.0	503232.6	5410311.7	38998.89844	292.18	0	48.845768	-86.955940	56087.91	56243.9	6.06	56093.98	56095.98438	56094.96068	56101.82813	503232.6	5410311.7
L3230.0	503232.6	5410310.2	38999.00000	292.38	0	48.845754	-86.955940	56086.32	56243.9	6.06	56092.38	56094.40234	56093.23959	56100.13672	503232.6	5410310.2
L3230.0	503232.6	5410308.2	38999.10156	293.33	0	48.845737	-86.955940	56084.93	56243.9	6.06	56090.98	56093.01953	56091.48849	56098.41406	503232.6	5410308.2
L3230.0	503232.6	5410308.2	38999.19922	293.64	0	48.845737	-86.955940	56083.01	56243.9	6.06	56089.06	56091.11328	56089.58448	56096.53516	503232.6	5410308.2
L3230.0	503232.6	5410307.2	38999.30078	294.97	0	48.845728	-86.955940	56081.77	56243.9	6.05	56087.82	56089.89063	56087.96904	56094.94531	503232.6	5410307.2
L3230.0	503232.6	5410305.9	38999.39844	297.35	0	48.845715	-86.955940	56079.95	56243.9	6.05	56086.00	56088.08594	56085.58304	56092.58203	503232.6	5410305.9
L3230.0	503232.6	5410304.5	38999.50000	300.49	0	48.845703	-86.955941	56078.74	56243.9	6.05	56084.79	56086.89063	56085.23438	56092.25781	503232.6	5410304.5
L3230.0	503232.6	5410304.5	38999.60156	302.65	0	48.845703	-86.955941	56077.34	56244	6.05	56083.39	56085.50781	56082.08623	56089.13281	503232.6	5410304.5
L3230.0	503232.5	5410302.5	38999.69922	303.75	0	48.845685	-86.955941	56075.85	56244	6.05	56081.89	56084.02344	56083.20582	56090.27734	503232.5	5410302.5
L3230.0	503232.5	5410301.2	38999.80078	303.35	0	48.845674	-86.955941	56073.77	56244	6.04	56079.82	56081.97266	56077.04816	56084.14063	503232.5	5410301.2
L3230.0	503232.5	5410299.7	38999.89844	302.44	0	48.845660	-86.955941	56071.98	56244	6.04	56078.02	56080.18750	56074.53089	56081.64453	503232.5	5410299.7
L3230.0	503232.5	5410299.7	39000.00000	302.35	0	48.845660	-86.955941	56070.76	56244	6.04	56076.80	56078.98438	56072.94694	56080.08203	503232.5	5410299.7
L3230.0	503232.5	5410298.3	39000.10156	302.14	0	48.845647	-86.955942	56069.66	56244	6.04	56075.70	56077.90234	56073.63461	56080.78906	503232.5	5410298.3
L3230.0	503232.5	5410298.3	39000.19922	300.85	0	48.845647	-86.955942	56068.36	56244	6.04	56074.40	56076.61719	56073.07359	56080.25000	503232.5	5410298.3
L3230.0	503232.5	5410296.8	39000.30078	298.98	0	48.845633	-86.955942	56066.90	56244	6.04	56072.94	56075.17188	56071.19977	56078.39453	503232.5	5410296.8
L3230.0	503232.5	5410295.4	39000.39844	297.64	0	48.845622	-86.955942	56065.50	56244	6.04	56071.55	56073.80078	56069.81355	56077.02344	503232.5	5410295.4
L3230.0	503232.5	5410295.4	39000.50000	297.92	0	48.845622	-86.955942	56063.88	56244	6.04	56069.92	56072.18750	56066.22975	56073.45703	503232.5	5410295.4
L3230.0	503232.5	5410293.9	39000.60156	300.19	0	48.845608	-86.955942	56062.70	56244	6.05	56068.75	56071.03125	56066.62607	56073.87109	503232.5	5410293.9
L3230.0	503232.5	5410292.5	39000.69922	301.27	0	48.845596	-86.955942	56061.16	56244	6.05	56067.20	56069.50000	56063.65283	56070.91016	503232.5	5410292.5
L3230.0	503232.5	5410291.2	39000.80078	301.18	0	48.845584	-86.955942	56059.82	56244	6.05	56065.86	56068.17578	56062.48843	56069.76172	503232.5	5410291.2
L3230.0	503232.5	5410291.2	39000.89844	298.80	0	48.845584	-86.955942	56058.52	56244	6.05	56064.57	56066.90234	56061.68212	56068.96875	503232.5	5410291.2
L3230.0	503232.5	5410290.2	39001.00000	300.94	0	48.845574	-86.955942	56057.43	56243.9	6.05	56063.48	56065.82813	56062.22525	56069.52734	503232.5	5410290.2
L3230.0	503232.5	5410288.4	39001.10156	298.36	0	48.845558	-86.955942	56056.02	56243.9	6.05	56062.07	56064.43359	56058.11323	56065.42578	503232.5	5410288.4
L3230.0	503232.5	5410287.0	39001.19922	299.03	0	48.845546	-86.955942	56054.70	56243.9	6.05	56060.76	56063.14063	56061.12288	56068.44531	503232.5	5410287.0
L3230.0	503232.5	5410287.0	39001.30078	297.44	0	48.845546	-86.955942	56053.08	56243.9	6.05	56059.14	56061.53906	56056.28011	56063.61719	503232.5	5410287.0
L3230.0	503232.5	5410285.6	39001.39844	297.67	0	48.845533	-86.955942	56051.70	56243.9	6.05	56057.75	56060.16406	56055.28804	56062.63281	503232.5	5410285.6
L3230.0	503232.5	5410285.6	39001.50000	298.95	0	48.845533	-86.955942	56050.81	56243.9	6.06	56056.86	56059.28906	56055.44463	56062.79688	503232.5	5410285.6
L3230.0	503232.5	5410284.1	39001.60156	298.47	0	48.845519	-86.955941	56049.95	56243.9	6.06	56056.00	56058.44531	56055.89315	56063.25391	503232.5	5410284.1
L3230.0	503232.5	5410282.5	39001.69922	297.86	0	48.845505	-86.955941	56048.76	56243.9	6.06	56054.82	56057.28125	56054.10498	56061.47266	503232.5	5410282.5
L3230.0	503232.5	5410282.5	39001.80078	295.95	0	48.845505	-86.955941	56047.29	56243.9	6.06	56053.34	56055.81641	56053.31971	56060.69531	503232.5	5410282.5
L3230.0	503232.5	5410280.6	39001.89844	297.11	0	48.845488	-86.955941	56045.68	56243.9	6.06	56051.74	56054.23438	56049.89927	56057.28125	503232.5	5410280.6
L3230.0	503232.5	5410279.6	39002.00000	297.34	0	48.845479	-86.955941	56044.69	56243.9	6.06	56050.75	56053.25781	56051.21461	56058.60156	503232.5	5410279.6
L3230.0	503232.6	5410278.3	39002.10156	296.51	0	48.845468	-86.955941	56043.27	56243.9	6.06	56049.33	56051.85547	56048.00078	56055.39063	503232.6	5410278.3
L3230.0	503232.6	5410278.3	39002.19922	295.04	0	48.845468	-86.955941	56042.39	56243.9	6.06	56048.45	56050.98828	56048.47602	56055.86719	503232.6	5410278.3
L3230.0	503232.6	5410277.1	39002.30078	294.28	0	48.845456	-86.955941	56041.29	56243.9	6.06	56047.36	56049.91406	56046.81814	56054.21094	503232.6	5410277.1
L3230.0	503232.6	5410277.1	39002.39844	295.54	0	48.845456	-86.955941	56040.14	56243.9	6.06	56046.20	56048.76953	56045.84961	56053.24219	503232.6	5410277.1
L3230.0	503232.6	5410274.1	39002.50000	297.33	0	48.845429	-86.955940	56038.92	56243.9	6.06	56044.99	56047.57422	56044.31363	56051.70703	503232.6	5410274.1
L3230.0	503232.6	5410274.1	39002.60156	297.38	0	48.845429	-86.955940	56037.88	56243.9	6.07	56043.95	56046.54688	56042.94494	56050.33594	503232.6	5410274.1
L3230.0	503232.6	5410272.4	39002.69922	297.19	0	48.845415	-86.955940	56036.97	56243.9	6.07	56043.04	56045.65234	56042.92238	56050.31250	503232.6	5410272.4
L3230.0	503232.6	5410271.2	39002.80078	296.30	0	48.845404	-86.955940	56035.89	56243.9	6.07	56041.96	56044.58594	56039.72765	56047.11328	503232.6	5410271.2
L3230.0	503232.6	5410271.2	39002.89844	297.67	0	48.845404	-86.955940	56034.99	56243.9	6.07	56041.06	56043.69922	56041.94078	56049.32422	503232.6	5410271.2
L3230.0	503232.6	5410269.8	39003.00000	300.73	0	48.845391	-86.955940	56033.86	56243.9	6.07	56039.93	56042.58594	56034.04665	56041.42188	503232.6	5410269.8

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L3230.0	503232.6	5410268.5	39003.10156	300.57	0	48.845379	-86.955940	56033.53	56243.9	6.07	56039.60	56042.26953	56043.86872	56051.23828	503232.6	5410268.5
L3230.0	503232.6	5410268.5	39003.19922	299.03	0	48.845379	-86.955940	56032.22	56243.9	6.07	56038.29	56040.97266	56032.23738	56039.59766	503232.6	5410268.5
L3230.0	503232.7	5410267.3	39003.30078	297.68	0	48.845369	-86.955940	56031.11	56243.9	6.07	56037.17	56039.86328	56039.66814	56047.01953	503232.7	5410267.3
L3230.0	503232.7	5410266.2	39003.39844	299.05	0	48.845358	-86.955939	56029.64	56243.9	6.07	56035.70	56038.40625	56030.21231	56037.55469	503232.7	5410266.2
L3230.0	503232.7	5410264.9	39003.50000	300.36	0	48.845347	-86.955939	56028.86	56243.9	6.07	56034.92	56037.63672	56029.58940	56036.92188	503232.7	5410264.9
L3230.0	503232.7	5410264.9	39003.60156	300.69	0	48.845347	-86.955939	56027.54	56243.9	6.06	56033.60	56036.33203	56024.40341	56031.72266	503232.7	5410264.9
L3230.0	503232.7	5410264.1	39003.69922	299.45	0	48.845340	-86.955940	56026.72	56243.9	6.06	56032.79	56035.53125	56023.13852	56030.44141	503232.7	5410264.1
L3230.0	503232.7	5410262.8	39003.80078	300.33	0	48.845328	-86.955940	56026.42	56243.9	6.06	56032.48	56035.23438	56026.58832	56033.87891	503232.7	5410262.8
L3230.0	503232.6	5410261.9	39003.89844	302.33	0	48.845320	-86.955940	56025.79	56243.9	6.06	56031.85	56034.61328	56027.16846	56034.44141	503232.6	5410261.9
L3230.0	503232.6	5410261.9	39004.00000	303.46	0	48.845320	-86.955940	56025.84	56243.9	6.06	56031.90	56034.67578	56034.83638	56042.08984	503232.6	5410261.9
L3230.0	503232.6	5410260.3	39004.10156	304.23	0	48.845305	-86.955940	56024.78	56243.9	6.06	56030.84	56033.62500	56030.86760	56038.10156	503232.6	5410260.3
L3230.0	503232.6	5410259.5	39004.19922	304.87	0	48.845298	-86.955940	56023.84	56243.9	6.06	56029.91	56032.70313	56027.94973	56035.16406	503232.6	5410259.5
L3230.0	503232.6	5410258.3	39004.30078	302.87	0	48.845287	-86.955940	56022.56	56243.9	6.06	56028.62	56031.42578	56020.80363	56027.99609	503232.6	5410258.3
L3230.0	503232.6	5410258.3	39004.39844	302.64	0	48.845287	-86.955940	56022.05	56243.9	6.06	56028.11	56030.92188	56022.08702	56029.25781	503232.6	5410258.3
L3230.0	503232.6	5410257.4	39004.50000	302.51	0	48.845279	-86.955941	56021.21	56243.9	6.06	56027.28	56030.10156	56019.70715	56026.85156	503232.6	5410257.4
L3230.0	503232.6	5410256.2	39004.60156	303.17	0	48.845268	-86.955941	56020.61	56243.9	6.07	56026.67	56029.50000	56019.59678	56026.71484	503232.6	5410256.2
L3230.0	503232.6	5410255.3	39004.69922	302.38	0	48.845260	-86.955941	56020.33	56243.9	6.07	56026.40	56029.23828	56022.86528	56029.95703	503232.6	5410255.3
L3230.0	503232.6	5410255.3	39004.80078	300.32	0	48.845260	-86.955941	56019.49	56243.9	6.07	56025.56	56028.40625	56020.01612	56027.07813	503232.6	5410255.3
L3230.0	503232.6	5410253.9	39004.89844	299.89	0	48.845248	-86.955941	56019.34	56243.9	6.07	56025.41	56028.26172	56023.84771	56030.87891	503232.6	5410253.9
L3230.0	503232.5	5410252.8	39005.00000	301.04	0	48.845238	-86.955941	56018.46	56243.9	6.07	56024.53	56027.38672	56020.42705	56027.42578	503232.5	5410252.8
L3230.0	503232.5	5410252.8	39005.10156	301.17	0	48.845238	-86.955941	56018.20	56243.9	6.07	56024.27	56027.13281	56022.55488	56029.51953	503232.5	5410252.8
L3230.0	503232.5	5410251.6	39005.19922	300.45	0	48.845227	-86.955941	56017.29	56243.9	6.07	56023.36	56026.22656	56018.87502	56025.80469	503232.5	5410251.6
L3230.0	503232.5	5410250.5	39005.30078	298.93	0	48.845218	-86.955942	56016.71	56243.9	6.07	56022.78	56025.65234	56017.96793	56024.85938	503232.5	5410250.5
L3230.0	503232.5	5410250.5	39005.39844	298.85	0	48.845218	-86.955942	56015.93	56243.9	6.07	56021.99	56024.86719	56015.38283	56022.23828	503232.5	5410250.5
L3230.0	503232.5	5410249.6	39005.50000	299.67	0	48.845209	-86.955942	56015.82	56243.9	6.07	56021.89	56024.76953	56017.76392	56024.57813	503232.5	5410249.6
L3230.0	503232.5	5410248.6	39005.60156	298.23	0	48.845200	-86.955942	56015.60	56243.9	6.06	56021.66	56024.54297	56018.86261	56025.63281	503232.5	5410248.6
L3230.0	503232.4	5410247.6	39005.69922	298.43	0	48.845191	-86.955943	56015.12	56243.9	6.06	56021.18	56024.06641	56016.26036	56022.98828	503232.4	5410247.6
L3230.0	503232.4	5410247.6	39005.80078	297.59	0	48.845191	-86.955943	56015.02	56243.9	6.06	56021.08	56023.96875	56020.72514	56027.40625	503232.4	5410247.6
L3230.0	503232.4	5410246.3	39005.89844	297.05	0	48.845180	-86.955943	56014.76	56243.9	6.06	56020.82	56023.71094	56016.82857	56023.46484	503232.4	5410246.3
L3230.0	503232.4	5410246.3	39006.00000	297.28	0	48.845180	-86.955943	56014.54	56243.9	6.06	56020.60	56023.49219	56022.44637	56029.03125	503232.4	5410246.3
L3230.0	503232.4	5410245.0	39006.10156	296.79	0	48.845168	-86.955944	56013.77	56243.9	6.06	56019.83	56022.72266	56013.76731	56020.30078	503232.4	5410245.0
L3230.0	503232.3	5410244.1	39006.19922	298.19	0	48.845160	-86.955944	56013.50	56243.9	6.06	56019.55	56022.44141	56019.14382	56025.62500	503232.3	5410244.1
L3230.0	503232.3	5410244.1	39006.30078	298.07	0	48.845160	-86.955944	56012.96	56243.9	6.06	56019.02	56021.91016	56014.53444	56020.96094	503232.3	5410244.1
L3230.0	503232.3	5410243.1	39006.39844	299.86	0	48.845151	-86.955945	56012.51	56243.9	6.06	56018.56	56021.44922	56012.67586	56019.04688	503232.3	5410243.1
L3230.0	503232.3	5410242.1	39006.50000	301.03	0	48.845142	-86.955945	56012.84	56243.9	6.06	56018.90	56021.78906	56016.40274	56022.71484	503232.3	5410242.1
L3230.0	503232.3	5410241.3	39006.60156	300.81	0	48.845134	-86.955945	56012.94	56243.9	6.05	56018.99	56021.87500	56018.37684	56024.62500	503232.3	5410241.3
L3230.0	503232.3	5410241.3	39006.69922	300.70	0	48.845134	-86.955945	56012.74	56243.9	6.05	56018.79	56021.67188	56018.14799	56024.33594	503232.3	5410241.3
L3230.0	503232.2	5410240.0	39006.80078	300.80	0	48.845123	-86.955945	56012.52	56243.9	6.05	56018.57	56021.44922	56017.65909	56023.78125	503232.2	5410240.0
L3230.0	503232.2	5410239.3	39006.89844	300.65	0	48.845116	-86.955946	56012.16	56243.9	6.05	56018.21	56021.08203	56015.97359	56022.03125	503232.2	5410239.3
L3230.0	503232.2	5410239.3	39007.00000	301.12	0	48.845116	-86.955946	56011.52	56243.9	6.05	56017.57	56020.43750	56011.95904	56017.94531	503232.2	5410239.3
L3230.0	503232.2	5410238.5	39007.10156	301.68	0	48.845109	-86.955946	56011.52	56243.9	6.05	56017.57	56020.43359	56012.86298	56018.78125	503232.2	5410238.5
L3230.0	503232.2	5410237.4	39007.19922	299.98	0	48.845100	-86.955946	56011.25	56243.9	6.05	56017.30	56020.15625	56011.53408	56017.37891	503232.2	5410237.4
L3230.0	503232.2	5410237.4	39007.30078	298.07	0	48.845100	-86.955946	56011.50	56243.9	6.05	56017.55	56020.39844	56014.33833	56020.10938	503232.2	5410237.4
L3230.0	503232.2	5410236.7	39007.39844	300.69	0	48.845093	-86.955946	56011.50	56243.9	6.05	56017.55	56020.39063	56015.09079	56020.78516	503232.2	5410236.7
L3230.0	503232.2	5410235.8	39007.50000	302.39	0	48.845085	-86.955946	56011.70	56243.9	6.05	56017.75	56020.58203	56017.49447	56023.10938	503232.2	5410235.8
L3230.0	503232.2	5410235.8	39007.60156	302.01	0	48.845085	-86.955946	56011.70	56243.9	6.05	56017.75	56020.57422	56018.23860	56023.76953	503232.2	5410235.8
L3230.0	503232.2	5410235.1	39007.69922	301.37	0	48.845079	-86.955946	56011.66	56243.9	6.05	56017.71	56020.52344	56018.63978	56024.08984	503232.2	5410235.1
L3230.0	503232.2	5410234.3	39007.80078	300.15	0	48.845072	-86.955947	56011.25	56243.9	6.05	56017.30	56020.10156	56015.68992	56021.05469	503232.2	5410234.3
L3230.0	503232.1	5410233.5	39007.89844	299.71	0	48.845065	-86.955947	56010.84	56243.9	6.05	56016.89	56019.68359	56012.55612	56017.83203	503232.1	5410233.5
L3230.0	503232.1	5410233.5	39008.00000	297.50	0	48.845065	-86.955947	56010.71	56243.9	6.05	56016.76	56019.53906	56011.91648	56017.10547	503232.1	5410233.5
L3230.0	503232.1	5410232.6	39008.10156	298.21	0	48.845056	-86.955947	56010.67	56244	6.05	56016.71	56019.47656	56012.02458	56017.12109	503232.1	5410232.6
L3230.0	503232.1	5410231.8	39008.19922	296.81	0	48.845049	-86.955947	56010.87	56244	6.04	56016.91	56019.66406	56014.69121	56019.69141	503232.1	5410231.8
L3230.0	503232.1	5410231.8	39008.30078	298.43	0	48.845049	-86.955947	56010.87	56244	6.04	56016.91	56019.65234	56015.41263	56020.31641	503232.1	5410231.8
L3230.0	503232.1	5410231.1	39008.39844	300.76	0	48.845043	-86.955947	56010.84	56244	6.04	56016.88	56019.60547	56015.84195	56020.64844	503232.1	5410231.1
L3230.0	503232.1	5410230.5	39008.50000	300.69	0	48.845037	-86.955948	56010.82	56244	6.04	56016.86	56019.57031	56016.39200	56021.09766	503232.1	5410230.5
L3230.0	503232.1	5410230.5	39008.60156	301.96	0	48.845037	-86.955948	56010.62	56244	6.03	56016.65	56019.34375	56014.73253	56019.33594	503232.1	5410230.5
L3230.0	503232.1	5410229.8	39008.69922	303.80	0	48.845031	-86.955948	56010.31	56244	6.03	56016.34	56019.01953	56011.72066	56016.21875	503232.1	5410229.8
L3230.0	503232.1	5410229.2	39008.80078	305.54	0	48.845026	-86.955948	56010.21	56244	6.03	56016.24	56018.90234	56011.06853	56015.46094	503232.1	5410229.2
L3230.0	503232.1	5410229.2	39008.89844	305.31	0	48.845026	-86.955948	56010.18	56244	6.02	56016.21	56018.85156	56011.20206	56015.48438	503232.1	5410229.2
L3230.0	503232.0	5410228.4	39009.00000	304.25	0	48.845019	-86.955948	56010.14	56244	6.02	56016.16	56018.78516	56011.00365	56015.17578	503232.0	5410228.4
L3230.0	503232.0	5410227.8	39009.10156	302.93	0	48.845013	-86.955948	56010.23	56244	6.02	56016.26	56018.86328	56012.69911	56016.75391	503232.0	5410227.8
L3230.0	503232.0	5410227.2	39009.19922	303.25	0	48.845008	-86.955949	56010.46	56244	6.02	56016.48	56019.06250	56015.96842	56019.91016	503232.0	5410227.2
L3230.0	503232.0	5410227.2	39009.30078	303.32	0	48.845008	-86.955949	56010.08	56244	6.03	56016.11	56018.67188	56011.12801	56014.94922	503232.0	5410227.2
L3230.0	503232.0	5410226.6	39009.39844	302.70	0	48.845002	-86.955949	56010.26	56244	6.03	56016.29	56018.83203	56013.65856	56017.35938	503232.0	5410226.6
L3230.0	503232.0	5410225.9	39009.50000	302.13	0	48.844996	-86.955949	56010.39	56244	6.03	56016.42	56018.94141	56015.39809	56018.97656	503232.0	5410225.9
L3230.0	503232.0	5410225.9	39009.60156	302.32	0	48.844996	-86.955949	56010.44	56244	6.03	56016.47	56018.96875	56015.90716	56019.36328	503232.0	5410225.9
L3230.0	503232.0	5410225.4	39009.69922	300.85	0	48.844992	-86.955949	56010.21	56244	6.03	56016.24	56018.71484	56012.50448	56015.83203	503232.0	5410225.4
L3230.0	503232.0	5410224.8	39009.80078	301.09	0	48.844986	-86.955949	56010.29	56244	6.04	56016.32	56018.76953	56013.25365	56016.45313	503232.0	5410224.8
L3230.0	503232.0	5410224.8	39009.89844	302.56	0	48.844986	-86.955949	56010.46	56244	6.04	56016.50	56018.92578	56015.19850	56018.26563	503232.0	5410224.8
L3230.0	503232.0	5410224.4	39010.00000	303.30	0	48.844983	-86.955949	56010.46	56244	6.04	56016.50	56018.89844	56014.74050	56017.67578	503232.0	5410224.4
L3230.0	503232.0	5410223.9	39010.10156	301.73	0	48.844978	-86.955950	56010.44	56244	6.04	56016.47	56018.84375	56013.93608	56016.73828	503232.0	5410223.9
L3230.0	503232.0	5410223.9	39010.19922	300.49	0	48.844978	-86.955950	56010.48	56244	6.03	56016.52	56018.86719	56014.10711	56016.76953	503232.0	5410223.9
L3230.0	503231.9	5410223.4	39010.30078	300.51	0	48.844974	-86.955950	56010.48	56244	6.03	56016.51	56018.82813	56013.62647	56016.15234	503231.9	5410223.4
L3230.0	503231.9	5410223.0	39010.39844	300.54	0	48.844970	-86.955950	56010.64	56244	6.02	56016.67	56018.96094	56014.96169	56017.34375	503231.9	5410223.0
L3230.0	503231.9	5410223.0	39010.50000	300.49	0	48.844970	-86.955950	56010.84	56244	6.02	56016.86	56019.12500	56016.47827	56018.71875	503231.9	5410223.0
L3230.0	503231.9	5410222.5	39010.60156	299.15	0	48.844966	-86.955950	56010.76	56244	6.02	56016.78	56019.01563	56015.35780	56017.45313	503231.9	5410222.5
L3230.0	503231.9	5410222.0	39010.69922	299.84	0	48.844961	-86.955950	56010.92	56244	6.01	56016.93	56019.13281	56016.39268	56018.33984	503231.9	5410222.0
L3230.0	503231.9	5410221.6	39010.80078	298.54	0	48.844957	-86.955950	56010.89	56244	6.01	56016.90	56019.07422	56015.82059	56017.61719	503231.9	5410221.6
L3230.0	503231.9	5410221.6	39010.89844	297.98	0	48.844957	-86.955950	56010.95	56244	6.00	56016.95	56019.09375	56015.94698	56017.59375	503231.9	5410221.6
L3230.0	503231.9	5410221.1	39011.00000	298.29	0	48.844953	-86.955951	56011.14	56244	6.00	56017.14	56019.25000	56017.15516	56018.64844	503231.9	5410221.1
L3230.0	503231.9	5410220.7	39011.10156	299.29	0	48.844949	-86.955951	56011.35	56244	6.00	56017.35	56019.42969	56018.42772	56019.76563	503231.9	5410220.7
L3230.0	503231.9	5410220.7	39011.19922	301.10	0	48.844949	-86.955951	56011.20	56244	6.00	56017.20	56019.24609	56016.95133	56018.13281	503231.9	5410220.7
L3230.0	503231.8	5410220.3	39011.30078	301.65	0	48.844946	-86.955951	56011.02	56244	6.00	56017.02	56019.03516	56015.29669	56016.32031	503231.8	5410220.3
L3230.0	503231.8	5410220.0	39011.39844	299.94	0	48.844943	-86.955951	56011.14	56244	6.00	56017.14	56019.12109	56015.82605	56016.69141	503231.8	5410220.0
L3230.0	503231.8	5410220.0	39011.50000	299.03	0	48.844943	-86.955951	56011.27	56244	6.00	56017.27	56019.21484	56016.40131	56017.10547	503231.8	5410220.0
L3230.0	503231.8	5410219.7	39011.60156	298.62	0	48.844940	-86.955951	56011.52	56244	6.00	56017.52	56019.42969	56017.84891	56018.38672	503231.8	5410219.7
L3230.0	503231.9	5410219.4	39011.69922	298.37	0	48.844938	-86.955951	56011.55	56244	6.00	56017.55	56019.42578	56017.72006	56018.09375	503231.9	5410219.4
L3230.0	503231.9	5410219.4	39011.80078	300.09	0	48.844938	-86.955951	56011.60	56244	6.00	56017.60	56019.44141	56017.77549	56017.98438	503231.9	5410219.4
L3230.0	503231.9	5410219.1	39011.89844	299.05	0	48.844935	-86.955951	56011.66	56244	6.00	56017.66	56019.46484	56017.97411	56018.01172	503231.9	5410219.1
L3230.0	503231.9	5410218.8	39012.00000	297.52	0	48.844932	-86.955950	56011.58	56244	6.00	56017.58	56019.34766	56017.14394	56017.01172	503231.9	5410218.8
L3230.0	503231.9	5410218.8	39012.10156	298.12	0	48.844932	-86.955950	56011.58	56244	6.00	56017.58	56019.31250	56017.03988	56016.73828	503231.9	5410218.8
L3230.0	503231.9	5410218.6	39012.19922	300.22	0	48.844930	-86.955950	56011.42	56244	6.00	56017.42	56019.11328	56015.67137	56015.19531	503231.9	5410218.6
L3230.0	503231.9	5410218.4	39012.30078	301.71	0	48.844929	-86.955950	56011.60	56244	6.00	56017.60	56019.25781	56017.45844	56016.80859	503231.9	5410218.4

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L3230.0	503231.9	5410218.3	39012.39844	299.89	0	48.844927	-86.955950	56011.58	56244	6.00	56017.58	56019.19922	56017.67850	56016.85547	503231.9	5410218.3
L3230.0	503231.9	5410218.3	39012.50000	301.23	0	48.844927	-86.955950	56011.42	56244	6.00	56017.42	56019.00000	56016.70999	56015.70703	503231.9	5410218.3
L3230.0	503232.0	5410218.1	39012.60156	302.33	0	48.844926	-86.955950	56011.52	56244	6.00	56017.52	56019.05859	56018.49911	56017.32031	503232.0	5410218.1
L3230.0	503232.0	5410218.1	39012.69922	302.11	0	48.844926	-86.955950	56011.88	56244	6.00	56017.88	56019.38281	56023.28968	56021.92969	503232.0	5410218.1
L3230.0	503232.0	5410217.9	39012.80078	303.01	0	48.844924	-86.955949	56011.63	56244	6.00	56017.63	56019.08984	56021.75846	56020.21875	503232.0	5410217.9
L3230.0	503232.0	5410217.9	39012.89844	300.44	0	48.844924	-86.955949	56011.70	56244	6.00	56017.70	56019.12109	56023.68638	56021.96484	503232.0	5410217.9
L3230.0	503232.0	5410217.8	39013.00000	300.63	0	48.844923	-86.955949	56011.17	56244	6.00	56017.17	56018.55078	56018.74590	56016.84375	503232.0	5410217.8
L3230.0	503232.0	5410217.8	39013.10156	301.08	0	48.844923	-86.955949	56010.59	56244	6.00	56016.59	56017.92969	56012.88410	56010.79688	503232.0	5410217.8
L3230.0	503232.0	5410217.7	39013.19922	301.74	0	48.844922	-86.955949	56010.48	56244	6.00	56016.48	56017.78125	56012.11397	56009.84375	503232.0	5410217.7
L3230.0	503232.0	5410217.6	39013.30078	303.19	0	48.844921	-86.955949	56010.14	56244	6.00	56016.13	56017.38672	56008.24723	56005.79297	503232.0	5410217.6
L3230.0	503232.0	5410217.6	39013.39844	304.22	0	48.844921	-86.955949	56010.97	56244	6.00	56016.96	56018.17578	56017.68942	56015.04688	503232.0	5410217.6
L3230.0	503232.0	5410217.4	39013.50000	303.48	0	48.844919	-86.955949	56010.74	56244	5.99	56016.73	56017.90625	56014.47269	56011.64453	503232.0	5410217.4
L3230.0	503232.0	5410217.4	39013.60156	304.77	0	48.844919	-86.955949	56011.25	56244	5.99	56017.24	56018.37500	56019.28599	56016.26953	503232.0	5410217.4
L3230.0	503232.0	5410217.2	39013.69922	306.58	0	48.844918	-86.955949	56010.76	56244	5.99	56016.75	56017.83984	56012.58305	56009.37891	503232.0	5410217.2
L3230.0	503232.0	5410217.0	39013.80078	302.48	0	48.844916	-86.955949	56010.94	56244	5.99	56016.93	56017.98047	56013.13589	56009.74219	503232.0	5410217.0
L3230.0	503232.0	5410216.7	39013.89844	299.12	0	48.844913	-86.955949	56010.92	56244	5.99	56016.91	56017.91797	56011.46818	56007.88672	503232.0	5410216.7
L3230.0	503232.0	5410216.7	39014.00000	298.50	0	48.844913	-86.955949	56011.37	56244	5.99	56017.36	56018.32422	56014.56226	56010.78906	503232.0	5410216.7
L3230.0	503232.0	5410216.4	39014.10156	297.06	0	48.844910	-86.955949	56011.86	56244	5.99	56017.85	56018.77344	56017.86214	56013.89844	503232.0	5410216.4
L3230.0	503232.0	5410216.4	39014.19922	296.04	0	48.844910	-86.955949	56012.11	56244	5.99	56018.10	56018.98047	56018.88776	56014.73438	503232.0	5410216.4
L3230.0	503232.0	5410216.1	39014.30078	293.88	0	48.844908	-86.955949	56012.89	56244	5.99	56018.89	56019.72656	56024.52878	56020.18359	503232.0	5410216.1
L3230.0	503232.0	5410215.7	39014.39844	294.06	0	48.844905	-86.955949	56012.76	56244	5.99	56018.76	56019.55469	56022.62455	56018.08984	503232.0	5410215.7
L3230.0	503232.0	5410215.5	39014.50000	298.79	0	48.844902	-86.955949	56013.07	56244	5.99	56019.06	56019.81250	56024.33974	56019.61328	503232.0	5410215.5
L3230.0	503232.0	5410215.5	39014.60156	298.71	0	48.844902	-86.955949	56013.07	56244	6.00	56019.06	56019.76953	56016.08276	56011.16406	503232.0	5410215.5
L3230.0	503232.0	5410215.2	39014.69922	299.13	0	48.844899	-86.955949	56013.40	56244	6.00	56019.39	56020.05469	56026.68620	56021.57813	503232.0	5410215.2
L3280.0	503282.2	5410219.9	39033.10156	300.24	0	48.844942	-86.955264	56008.18	56243.9	6.12	56014.30	56013.70703	56022.14579	56019.83594	503282.2	5410219.9
L3280.0	503282.3	5410220.3	39033.19922	300.56	0	48.844945	-86.955264	56008.11	56243.9	6.12	56014.23	56013.63281	56019.99079	56017.69922	503282.3	5410220.3
L3280.0	503282.3	5410220.3	39033.30078	301.62	0	48.844945	-86.955264	56008.18	56243.9	6.12	56014.30	56013.69531	56019.26525	56016.99219	503282.3	5410220.3
L3280.0	503282.3	5410220.5	39033.39844	302.30	0	48.844948	-86.955264	56008.01	56243.9	6.12	56014.12	56013.51172	56015.81764	56013.56250	503282.3	5410220.5
L3280.0	503282.3	5410220.8	39033.50000	302.48	0	48.844950	-86.955264	56007.98	56243.9	6.12	56014.10	56013.48438	56014.22973	56011.99219	503282.3	5410220.8
L3280.0	503282.3	5410221.2	39033.60156	301.90	0	48.844953	-86.955264	56008.04	56243.9	6.11	56014.15	56013.53125	56013.70223	56011.48438	503282.3	5410221.2
L3280.0	503282.3	5410221.2	39033.69922	300.28	0	48.844953	-86.955264	56007.83	56243.9	6.11	56013.95	56013.32422	56009.87892	56007.67578	503282.3	5410221.2
L3280.0	503282.3	5410221.6	39033.80078	302.38	0	48.844957	-86.955264	56007.83	56243.9	6.11	56013.94	56013.30859	56008.69580	56006.51172	503282.3	5410221.6
L3280.0	503282.3	5410221.6	39033.89844	300.89	0	48.844957	-86.955264	56008.14	56243.9	6.11	56014.25	56013.61328	56012.49061	56010.32422	503282.3	5410221.6
L3280.0	503282.3	5410222.0	39034.00000	303.53	0	48.844961	-86.955264	56008.16	56243.9	6.11	56014.27	56013.62891	56012.08063	56009.93359	503282.3	5410222.0
L3280.0	503282.3	5410222.0	39034.10156	297.37	0	48.844961	-86.955264	56008.44	56243.9	6.11	56014.55	56013.90234	56015.95982	56013.82813	503282.3	5410222.0
L3280.0	503282.3	5410222.5	39034.19922	294.53	0	48.844965	-86.955264	56008.67	56243.9	6.11	56014.78	56014.12500	56019.25719	56017.14453	503282.3	5410222.5
L3280.0	503282.3	5410222.9	39034.30078	303.85	0	48.844969	-86.955264	56008.77	56243.9	6.11	56014.88	56014.21875	56020.53387	56018.43750	503282.3	5410222.9
L3280.0	503282.3	5410223.3	39034.39844	302.55	0	48.844973	-86.955264	56008.59	56243.9	6.11	56014.70	56014.03516	56017.11513	56015.03516	503282.3	5410223.3
L3280.0	503282.3	5410223.3	39034.50000	303.52	0	48.844973	-86.955264	56008.56	56243.9	6.11	56014.67	56014.00000	56016.39536	56014.33594	503282.3	5410223.3
L3280.0	503282.2	5410223.9	39034.60156	304.37	0	48.844978	-86.955264	56008.70	56243.9	6.11	56014.81	56014.13281	56018.87132	56016.82813	503282.2	5410223.9
L3280.0	503282.2	5410223.9	39034.69922	305.53	0	48.844978	-86.955264	56008.52	56243.9	6.11	56014.63	56013.94531	56016.02886	56014.00000	503282.2	5410223.9
L3280.0	503282.2	5410224.4	39034.80078	306.96	0	48.844982	-86.955264	56008.46	56243.9	6.11	56014.57	56013.87891	56015.60719	56013.59375	503282.2	5410224.4
L3280.0	503282.2	5410224.9	39034.89844	305.06	0	48.844987	-86.955264	56008.24	56243.9	6.11	56014.35	56013.65234	56012.72688	56010.73438	503282.2	5410224.9
L3280.0	503282.2	5410225.5	39035.00000	303.87	0	48.844992	-86.955264	56008.41	56243.9	6.11	56014.52	56013.81641	56016.97300	56014.99609	503282.2	5410225.5
L3280.0	503282.2	5410225.5	39035.10156	304.24	0	48.844992	-86.955264	56008.41	56243.9	6.11	56014.52	56013.81250	56018.50410	56016.54297	503282.2	5410225.5
L3280.0	503282.2	5410226.2	39035.19922	302.70	0	48.844998	-86.955264	56008.18	56243.9	6.11	56014.29	56013.57422	56016.28224	56014.33594	503282.2	5410226.2
L3280.0	503282.2	5410226.8	39035.30078	302.24	0	48.845003	-86.955265	56007.98	56243.9	6.11	56014.09	56013.37109	56014.72660	56012.79688	503282.2	5410226.8
L3280.0	503282.2	5410226.8	39035.39844	301.59	0	48.845003	-86.955265	56007.61	56243.9	6.11	56013.71	56012.98438	56010.21713	56008.30078	503282.2	5410226.8
L3280.0	503282.2	5410227.3	39035.50000	303.07	0	48.845008	-86.955265	56007.45	56243.9	6.10	56013.55	56012.81641	56009.35968	56007.46094	503282.2	5410227.3
L3280.0	503282.2	5410228.0	39035.60156	302.12	0	48.845014	-86.955265	56007.43	56243.9	6.10	56013.53	56012.78906	56010.62217	56008.73828	503282.2	5410228.0
L3280.0	503282.2	5410228.6	39035.69922	300.47	0	48.845020	-86.955265	56007.36	56243.9	6.10	56013.46	56012.71484	56010.78555	56008.91406	503282.2	5410228.6
L3280.0	503282.2	5410228.6	39035.80078	301.75	0	48.845020	-86.955265	56007.30	56243.9	6.10	56013.40	56012.64453	56010.77845	56008.92188	503282.2	5410228.6
L3280.0	503282.2	5410229.4	39035.89844	304.40	0	48.845028	-86.955265	56007.13	56243.9	6.10	56013.23	56012.46875	56008.68578	56006.84375	503282.2	5410229.4
L3280.0	503282.1	5410229.9	39036.00000	305.24	0	48.845032	-86.955265	56006.94	56243.9	6.10	56013.04	56012.27344	56005.96111	56004.13281	503282.1	5410229.9
L3280.0	503282.1	5410230.5	39036.10156	305.47	0	48.845037	-86.955266	56007.50	56243.9	6.10	56013.60	56012.82422	56014.42946	56012.61719	503282.1	5410230.5
L3280.0	503282.1	5410230.5	39036.19922	304.10	0	48.845037	-86.955266	56007.35	56243.9	6.10	56013.45	56012.66797	56011.63839	56009.83594	503282.1	5410230.5
L3280.0	503282.1	5410231.3	39036.30078	303.07	0	48.845045	-86.955266	56007.53	56243.9	6.10	56013.63	56012.83984	56013.59416	56011.80469	503282.1	5410231.3
L3280.0	503282.1	5410232.1	39036.39844	302.32	0	48.845052	-86.955266	56007.36	56243.9	6.10	56013.46	56012.66406	56010.12635	56008.35156	503282.1	5410232.1
L3280.0	503282.1	5410232.1	39036.50000	302.55	0	48.845052	-86.955266	56007.53	56243.9	6.10	56013.63	56012.82813	56011.59952	56009.83984	503282.1	5410232.1
L3280.0	503282.1	5410232.8	39036.60156	301.31	0	48.845058	-86.955266	56007.86	56243.9	6.10	56013.96	56013.14844	56015.30245	56013.55078	503282.1	5410232.8
L3280.0	503282.0	5410233.7	39036.69922	299.76	0	48.845066	-86.955267	56007.61	56243.9	6.10	56013.71	56012.89063	56010.63817	56008.89844	503282.0	5410233.7
L3280.0	503282.0	5410233.7	39036.80078	302.00	0	48.845066	-86.955267	56008.01	56243.9	6.10	56014.11	56013.28516	56015.31179	56013.58594	503282.0	5410233.7
L3280.0	503282.0	5410234.5	39036.89844	301.68	0	48.845073	-86.955267	56008.01	56243.9	6.10	56014.11	56013.27734	56014.39412	56012.67969	503282.0	5410234.5
L3280.0	503282.0	5410234.5	39037.00000	303.47	0	48.845073	-86.955267	56007.98	56243.9	6.10	56014.08	56013.23828	56013.20692	56011.50391	503282.0	5410234.5
L3280.0	503282.0	5410235.6	39037.10156	304.79	0	48.845083	-86.955267	56007.76	56243.9	6.10	56013.86	56013.01172	56009.64610	56007.95313	503282.0	5410235.6
L3280.0	503282.0	5410236.2	39037.19922	303.83	0	48.845088	-86.955267	56008.06	56243.9	6.10	56014.16	56013.30078	56013.11142	56011.42969	503282.0	5410236.2
L3280.0	503282.0	5410237.1	39037.30078	304.98	0	48.845096	-86.955268	56007.98	56243.9	6.10	56014.08	56013.21484	56011.66922	56009.99609	503282.0	5410237.1
L3280.0	503282.0	5410237.1	39037.39844	304.26	0	48.845096	-86.955268	56007.96	56243.9	6.10	56014.06	56013.18359	56011.09421	56009.42969	503282.0	5410237.1
L3280.0	503281.9	5410238.0	39037.50000	294.80	0	48.845105	-86.955268	56008.18	56243.9	6.10	56014.28	56013.39844	56013.44223	56011.78906	503281.9	5410238.0
L3280.0	503281.9	5410239.0	39037.60156	292.54	0	48.845114	-86.955268	56008.37	56243.9	6.10	56014.47	56013.57813	56015.28318	56013.63672	503281.9	5410239.0
L3280.0	503281.9	5410239.0	39037.69922	296.09	0	48.845114	-86.955268	56008.38	56243.9	6.10	56014.48	56013.57813	56014.94623	56013.30859	503281.9	5410239.0
L3280.0	503281.9	5410240.1	39037.80078	299.02	0	48.845124	-86.955269	56008.29	56243.9	6.10	56014.39	56013.48047	56013.49264	56011.86328	503281.9	5410240.1
L3280.0	503281.9	5410241.0	39037.89844	304.72	0	48.845132	-86.955269	56007.78	56243.9	6.10	56013.88	56012.96094	56007.75112	56006.13281	503281.9	5410241.0
L3280.0	503281.9	5410241.0	39038.00000	302.92	0	48.845132	-86.955269	56008.11	56243.9	6.10	56014.21	56013.28125	56010.70904	56009.09766	503281.9	5410241.0
L3280.0	503281.9	5410242.2	39038.10156	303.28	0	48.845143	-86.955269	56008.21	56243.9	6.10	56014.31	56013.37500	56011.18120	56009.57422	503281.9	5410242.2
L3280.0	503281.8	5410243.0	39038.19922	301.29	0	48.845150	-86.955269	56008.41	56243.9	6.10	56014.51	56013.56250	56012.43622	56010.83594	503281.8	5410243.0
L3280.0	503281.8	5410243.8	39038.30078	295.25	0	48.845157	-86.955270	56008.82	56243.9	6.09	56014.91	56013.95313	56015.17367	56013.58203	503281.8	5410243.8
L3280.0	503281.8	5410243.8	39038.39844	292.98	0	48.845157	-86.955270	56008.67	56243.9	6.09	56014.76	56013.79688	56013.20978	56011.62500	503281.8	5410243.8
L3280.0	503281.8	5410244.7	39038.50000	302.58	0	48.845165	-86.955270	56008.84	56243.9	6.09	56014.93	56013.95703	56013.79616	56012.21484	503281.8	5410244.7
L3280.0	503281.8	5410244.7	39038.60156	297.95	0	48.845165	-86.955270	56008.82	56243.9	6.09	56014.91	56013.92578	56008.98564	56007.41016	503281.8	5410244.7
L3280.0	503281.8	5410246.0	39038.69922	299.72	0	48.845177	-86.955270	56009.38	56243.9	6.09	56015.47	56014.47656	56019.70952	56018.14063	503281.8	5410246.0
L3280.0	503281.8	5410247.0	39038.80078	304.11	0	48.845185	-86.955270	56009.02	56243.9	6.08	56015.10	56014.09375	56010.55742	56008.99219	503281.8	5410247.0
L3280.0	503281.8	5410247.0	39038.89844	298.88	0	48.845185	-86.955270	56009.35	56243.9	6.08	56015.43	56014.41406	56015.15867	56013.59766	503281.8	5410247.0
L3280.0	503281.8	5410248.2	39039.00000	298.64	0	48.845196	-86.955270	56009.58	56243.9	6.08	56015.66	56014.63672	56016.14053	56014.58203	503281.8	5410248.2
L3280.0	503281.8	5410249.1	39039.10156	298.97	0	48.845204	-86.955270	56009.45	56243.9	6.08	56015.53	56014.49609	56012.81292	56011.25781	503281.8	5410249.1
L3280.0	503281.8	5410249.1	39039.19922	299.50	0	48.845204	-86.955270	56010.11	56243.9	6.07	56016.18	56015.13281	56017.15570	56015.60547	503281.8	5410249.1
L3280.0	503281.8	5410250.3	39039.30078	297.57	0	48.845215	-86.955270	56010.14	56243.9	6.07	56016.21	56015.15234	56015.38668	56013.83984	503281.8	5410250.3
L3280.0	503281.8	5410250.3	39039.39844	297.72	0	48.845215	-86.955270	56010.38	56243.9	6.07	56016.45	56015.38281	56016.49764	56014.95313	503281.8	5410250.3
L3280.0	503281.8	5410251.3	39039.50000	297.84	0	48.845224	-86.955270	56010.54	56243.9	6.07	56016.60	56015.52344	56016.60000	56015.05859	503281.8	5410251.3
L3280.0	503281.8	5410252.2	39039.60156	297.85	0	48.845233	-86.955270	56010.94	56243.9	6.06	56017.00	56015.91016	56017.21340	56015.67188	503281.8	5410252.2
L3280.0	503281.7	5410253.2	39039.69922	296.70	0	48.845241	-86.955271	56010.79	56243.9	6.06	56016.85	56015.75000	56017.40984	56015.86719	503281.7	5410253.2
L3280.0	503281.7	5410253.2	39039.80078	293.69	0	48.845241	-86.955271	56011.04	56243.9	6.06	56017.10	56015.98828	56017.88196	56016.34375	503281.7	5410253.2
L3280.0	503281.7	5410254.2	39039.89844	292.37	0	48.845250	-86.955271	56011.50	56243.9	6.05	56017.55	56016.42578	56018.40717	56016.86719	503281.7	5410254.2

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L3280.0	503281.7	5410254.2	39040.00000	293.33	0	48.845250	-86.955271	56011.83	56243.9	6.05	56017.88	56016.74609	56018.88366	56017.34375	503281.7	5410254.2
L3280.0	503281.7	5410255.5	39040.10156	291.25	0	48.845262	-86.955271	56011.93	56243.9	6.05	56017.98	56016.83594	56019.42166	56017.88281	503281.7	5410255.5
L3280.0	503281.7	5410256.6	39040.19922	291.33	0	48.845272	-86.955271	56012.18	56243.9	6.05	56018.24	56017.08203	56019.97697	56018.43750	503281.7	5410256.6
L3280.0	503281.7	5410257.8	39040.30078	293.08	0	48.845283	-86.955271	56012.77	56243.9	6.05	56018.82	56017.65234	56020.42804	56018.88672	503281.7	5410257.8
L3280.0	503281.7	5410259.0	39040.39844	294.57	0	48.845294	-86.955272	56012.99	56243.9	6.05	56019.04	56017.85938	56020.85756	56019.31641	503281.7	5410259.0
L3280.0	503281.7	5410259.0	39040.50000	296.61	0	48.845294	-86.955272	56013.27	56243.9	6.06	56019.32	56018.12891	56021.32209	56019.78125	503281.7	5410259.0
L3280.0	503281.7	5410260.4	39040.60156	296.90	0	48.845306	-86.955272	56013.27	56243.9	6.06	56019.33	56018.12500	56021.59648	56020.05078	503281.7	5410260.4
L3280.0	503281.7	5410260.4	39040.69922	294.82	0	48.845306	-86.955272	56013.77	56243.9	6.06	56019.83	56018.61328	56022.17961	56020.63281	503281.7	5410260.4
L3280.0	503281.6	5410261.6	39040.80078	294.80	0	48.845317	-86.955272	56014.23	56243.9	6.06	56020.29	56019.06250	56022.71695	56021.16797	503281.6	5410261.6
L3280.0	503281.6	5410262.8	39040.89844	296.18	0	48.845328	-86.955272	56014.54	56243.9	6.06	56020.59	56019.34766	56023.13611	56021.58594	503281.6	5410262.8
L3280.0	503281.6	5410263.7	39041.00000	295.18	0	48.845336	-86.955272	56015.12	56243.9	6.06	56021.18	56019.92578	56023.71736	56022.16406	503281.6	5410263.7
L3280.0	503281.6	5410263.7	39041.10156	292.28	0	48.845336	-86.955272	56015.52	56243.9	6.06	56021.58	56020.31250	56024.16376	56022.60547	503281.6	5410263.7
L3280.0	503281.6	5410265.1	39041.19922	293.81	0	48.845348	-86.955272	56015.95	56243.9	6.06	56022.01	56020.73047	56024.61206	56023.05078	503281.6	5410265.1
L3280.0	503281.6	5410265.1	39041.30078	293.66	0	48.845348	-86.955272	56016.76	56243.9	6.06	56022.82	56021.52734	56025.28033	56023.71484	503281.6	5410265.1
L3280.0	503281.6	5410267.6	39041.39844	293.46	0	48.845371	-86.955272	56017.54	56243.9	6.06	56023.60	56022.29688	56025.92107	56024.35156	503281.6	5410267.6
L3280.0	503281.6	5410267.6	39041.50000	294.08	0	48.845371	-86.955272	56017.72	56243.9	6.06	56023.78	56022.46094	56026.17424	56024.60156	503281.6	5410267.6
L3280.0	503281.6	5410268.8	39041.60156	294.72	0	48.845381	-86.955272	56018.28	56243.9	6.06	56024.34	56023.01172	56026.65896	56025.08203	503281.6	5410268.8
L3280.0	503281.6	5410268.8	39041.69922	293.36	0	48.845381	-86.955272	56018.68	56243.9	6.06	56024.74	56023.39844	56027.03312	56025.44922	503281.6	5410268.8
L3280.0	503281.6	5410270.0	39041.80078	292.02	0	48.845392	-86.955272	56019.47	56243.9	6.06	56025.53	56024.17578	56027.66320	56026.07422	503281.6	5410270.0
L3280.0	503281.7	5410271.0	39041.89844	292.34	0	48.845402	-86.955272	56020.00	56243.9	6.06	56026.06	56024.69141	56028.11880	56026.52734	503281.7	5410271.0
L3280.0	503281.7	5410272.3	39042.00000	292.43	0	48.845413	-86.955271	56020.73	56243.9	6.06	56026.79	56025.40625	56028.71434	56027.11719	503281.7	5410272.3
L3280.0	503281.7	5410272.3	39042.10156	295.46	0	48.845413	-86.955271	56021.24	56243.9	6.06	56027.30	56025.90625	56029.15857	56027.55469	503281.7	5410272.3
L3280.0	503281.7	5410273.4	39042.19922	297.28	0	48.845423	-86.955271	56021.87	56243.9	6.06	56027.92	56026.51172	56029.71438	56028.10547	503281.7	5410273.4
L3280.0	503281.7	5410274.9	39042.30078	298.14	0	48.845437	-86.955271	56022.45	56243.9	6.05	56028.51	56027.08984	56030.17175	56028.55469	503281.7	5410274.9
L3280.0	503281.7	5410276.3	39042.39844	296.29	0	48.845449	-86.955270	56022.76	56243.9	6.05	56028.81	56027.37500	56030.82815	56029.20703	503281.7	5410276.3
L3280.0	503281.7	5410276.3	39042.50000	296.47	0	48.845449	-86.955270	56023.41	56243.9	6.05	56029.46	56028.01172	56031.32677	56029.69922	503281.7	5410276.3
L3280.0	503281.8	5410277.5	39042.60156	298.13	0	48.845460	-86.955270	56024.15	56244	6.05	56030.20	56028.73828	56031.91175	56030.27734	503281.8	5410277.5
L3280.0	503281.8	5410277.5	39042.69922	298.46	0	48.845460	-86.955270	56025.03	56244	6.05	56031.08	56029.60547	56032.48355	56030.83984	503281.8	5410277.5
L3280.0	503281.8	5410279.9	39042.80078	297.56	0	48.845482	-86.955270	56025.59	56244	6.04	56031.63	56030.14063	56033.23007	56031.58203	503281.8	5410279.9
L3280.0	503281.8	5410279.9	39042.89844	296.53	0	48.845482	-86.955270	56026.55	56244	6.04	56032.59	56031.08984	56033.82846	56032.17188	503281.8	5410279.9
L3280.0	503281.8	5410281.3	39043.00000	296.16	0	48.845494	-86.955270	56027.08	56244	6.04	56033.12	56031.60547	56034.59992	56032.93750	503281.8	5410281.3
L3280.0	503281.8	5410281.3	39043.10156	294.62	0	48.845494	-86.955270	56027.94	56244	6.04	56033.98	56032.45313	56035.26838	56033.59766	503281.8	5410281.3
L3280.0	503281.8	5410282.4	39043.19922	294.82	0	48.845504	-86.955270	56028.58	56244	6.04	56034.62	56033.07813	56036.01342	56034.33594	503281.8	5410282.4
L3280.0	503281.8	5410284.1	39043.30078	293.84	0	48.845520	-86.955270	56029.13	56244	6.05	56035.18	56033.62500	56036.81432	56035.12891	503281.8	5410284.1
L3280.0	503281.8	5410284.1	39043.39844	294.34	0	48.845520	-86.955270	56030.02	56244	6.05	56036.07	56034.50391	56037.58577	56035.89453	503281.8	5410284.1
L3280.0	503281.8	5410285.5	39043.50000	294.52	0	48.845532	-86.955270	56030.77	56243.9	6.05	56036.82	56035.23828	56038.50831	56036.80859	503281.8	5410285.5
L3280.0	503281.8	5410285.5	39043.60156	296.94	0	48.845532	-86.955270	56032.02	56243.9	6.05	56038.07	56036.47656	56039.27692	56037.56641	503281.8	5410285.5
L3280.0	503281.8	5410286.8	39043.69922	296.29	0	48.845544	-86.955270	56032.59	56243.9	6.05	56038.65	56037.04297	56040.29420	56038.57813	503281.8	5410286.8
L3280.0	503281.8	5410287.9	39043.80078	296.00	0	48.845554	-86.955270	56033.64	56243.9	6.06	56039.70	56038.08203	56041.12408	56039.39844	503281.8	5410287.9
L3280.0	503281.8	5410287.9	39043.89844	296.95	0	48.845554	-86.955270	56034.42	56243.9	6.06	56040.48	56038.84766	56042.12176	56040.39063	503281.8	5410287.9
L3280.0	503281.8	5410289.3	39044.00000	296.34	0	48.845566	-86.955270	56035.58	56243.9	6.06	56041.64	56039.99609	56042.99608	56041.25391	503281.8	5410289.3
L3280.0	503281.8	5410290.7	39044.10156	296.32	0	48.845579	-86.955270	56036.52	56243.9	6.06	56042.58	56040.92188	56043.98021	56042.23047	503281.8	5410290.7
L3280.0	503281.8	5410292.1	39044.19922	294.68	0	48.845591	-86.955270	56037.61	56243.9	6.06	56043.67	56042.00000	56044.86963	56043.11328	503281.8	5410292.1
L3280.0	503281.8	5410292.1	39044.30078	294.32	0	48.845591	-86.955270	56038.46	56243.9	6.06	56044.52	56042.83594	56045.78916	56044.02344	503281.8	5410292.1
L3280.0	503281.8	5410293.5	39044.39844	295.00	0	48.845604	-86.955270	56039.09	56243.9	6.06	56045.15	56043.45313	56046.78158	56045.00781	503281.8	5410293.5
L3280.0	503281.8	5410295.1	39044.50000	295.43	0	48.845618	-86.955270	56040.36	56243.9	6.06	56046.42	56044.71094	56047.61013	56045.82813	503281.8	5410295.1
L3280.0	503281.8	5410295.1	39044.60156	296.49	0	48.845618	-86.955270	56041.14	56243.9	6.06	56047.20	56045.48047	56048.63507	56046.84375	503281.8	5410295.1
L3280.0	503281.7	5410296.2	39044.69922	296.89	0	48.845628	-86.955270	56042.32	56243.9	6.06	56048.38	56046.64453	56049.57253	56047.77344	503281.7	5410296.2
L3280.0	503281.7	5410297.2	39044.80078	297.20	0	48.845637	-86.955270	56043.32	56243.9	6.06	56049.38	56047.63281	56050.59550	56048.78906	503281.7	5410297.2
L3280.0	503281.7	5410298.6	39044.89844	296.27	0	48.845650	-86.955270	56044.51	56243.9	6.06	56050.57	56048.81250	56051.58479	56049.76953	503281.7	5410298.6
L3280.0	503281.7	5410300.0	39045.00000	295.74	0	48.845662	-86.955270	56045.44	56243.9	6.06	56051.50	56049.73047	56052.60669	56050.78516	503281.7	5410300.0
L3280.0	503281.7	5410300.0	39045.10156	295.73	0	48.845662	-86.955270	56046.46	56243.9	6.06	56052.52	56050.73828	56053.63600	56051.80469	503281.7	5410300.0
L3280.0	503281.7	5410301.7	39045.19922	295.77	0	48.845677	-86.955270	56047.70	56243.9	6.06	56053.76	56051.96484	56054.70339	56052.86328	503281.7	5410301.7
L3280.0	503281.7	5410303.1	39045.30078	298.43	0	48.845690	-86.955271	56048.78	56243.9	6.06	56054.84	56053.03516	56055.81545	56053.96875	503281.7	5410303.1
L3280.0	503281.7	5410303.1	39045.39844	298.59	0	48.845690	-86.955271	56050.23	56243.9	6.06	56056.29	56054.47266	56056.96716	56055.11328	503281.7	5410303.1
L3280.0	503281.7	5410304.4	39045.50000	296.04	0	48.845702	-86.955271	56051.32	56243.9	6.07	56057.38	56055.55078	56058.06943	56056.20703	503281.7	5410304.4
L3280.0	503281.7	5410305.9	39045.60156	296.89	0	48.845715	-86.955271	56052.35	56243.9	6.07	56058.41	56056.57031	56059.11779	56057.24609	503281.7	5410305.9
L3280.0	503281.7	5410305.9	39045.69922	297.78	0	48.845715	-86.955271	56053.32	56243.9	6.07	56059.38	56057.52734	56060.15390	56058.27344	503281.7	5410305.9
L3280.0	503281.7	5410307.1	39045.80078	298.92	0	48.845726	-86.955271	56054.50	56243.9	6.07	56060.57	56058.70703	56061.26798	56059.38281	503281.7	5410307.1
L3280.0	503281.7	5410308.5	39045.89844	296.43	0	48.845739	-86.955271	56055.64	56243.9	6.07	56061.71	56059.83594	56062.40853	56060.51563	503281.7	5410308.5
L3280.0	503281.7	5410308.5	39046.00000	296.01	0	48.845739	-86.955271	56056.88	56243.9	6.07	56062.95	56061.06641	56063.62190	56061.71875	503281.7	5410308.5
L3280.0	503281.7	5410309.8	39046.10156	296.93	0	48.845751	-86.955271	56058.32	56243.9	6.07	56064.39	56062.49609	56064.93823	56063.03125	503281.7	5410309.8
L3280.0	503281.6	5410311.2	39046.19922	298.64	0	48.845764	-86.955271	56059.54	56243.9	6.07	56065.61	56063.70313	56066.20529	56064.28906	503281.6	5410311.2
L3280.0	503281.6	5410312.2	39046.30078	297.01	0	48.845772	-86.955272	56060.90	56243.9	6.07	56066.97	56065.05469	56067.54490	56065.62109	503281.6	5410312.2
L3280.0	503281.6	5410313.8	39046.39844	297.87	0	48.845787	-86.955272	56062.34	56243.9	6.07	56068.41	56066.48438	56068.94973	56067.01953	503281.6	5410313.8
L3280.0	503281.6	5410313.8	39046.50000	299.11	0	48.845787	-86.955272	56063.96	56243.9	6.07	56070.03	56068.09375	56070.40582	56068.46875	503281.6	5410313.8
L3280.0	503281.6	5410315.3	39046.60156	299.22	0	48.845800	-86.955272	56065.13	56243.9	6.08	56071.21	56069.26563	56071.71358	56069.76953	503281.6	5410315.3
L3280.0	503281.6	5410317.4	39046.69922	299.63	0	48.845819	-86.955272	56066.56	56243.9	6.08	56072.64	56070.68359	56073.03888	56071.08984	503281.6	5410317.4
L3280.0	503281.6	5410317.4	39046.80078	297.31	0	48.845819	-86.955272	56067.51	56243.9	6.08	56073.59	56071.62500	56074.25823	56072.30469	503281.6	5410317.4
L3280.0	503281.6	5410317.4	39046.89844	297.18	0	48.845819	-86.955272	56068.72	56243.9	6.08	56074.80	56072.82422	56075.54319	56073.58203	503281.6	5410317.4
L3280.0	503281.6	5410318.5	39047.00000	296.05	0	48.845828	-86.955273	56070.00	56243.9	6.08	56076.08	56074.09766	56076.89497	56074.92969	503281.6	5410318.5
L3280.0	503281.5	5410321.3	39047.10156	295.79	0	48.845854	-86.955273	56071.35	56243.9	6.08	56077.43	56075.43750	56078.31053	56076.33984	503281.5	5410321.3
L3280.0	503281.5	5410321.3	39047.19922	295.56	0	48.845854	-86.955273	56072.89	56243.9	6.08	56078.98	56076.98047	56079.73138	56077.75391	503281.5	5410321.3
L3280.0	503281.5	5410321.3	39047.30078	297.06	0	48.845854	-86.955273	56074.28	56243.9	6.09	56080.36	56078.35156	56081.18977	56079.20703	503281.5	5410321.3
L3280.0	503281.5	5410323.3	39047.39844	298.81	0	48.845872	-86.955273	56075.74	56243.9	6.09	56081.83	56079.81250	56082.57604	56080.58984	503281.5	5410323.3
L3280.0	503281.5	5410324.4	39047.50000	298.27	0	48.845882	-86.955273	56076.91	56243.9	6.09	56083.00	56080.97656	56084.11130	56082.12109	503281.5	5410324.4
L3280.0	503281.5	5410325.5	39047.60156	297.48	0	48.845892	-86.955273	56078.46	56243.9	6.09	56084.55	56082.51563	56085.45615	56083.46094	503281.5	5410325.5
L3280.0	503281.5	5410326.8	39047.69922	294.58	0	48.845903	-86.955273	56079.85	56243.9	6.09	56085.94	56083.89844	56086.93044	56084.92969	503281.5	5410326.8
L3280.0	503281.5	5410326.8	39047.80078	295.80	0	48.845903	-86.955273	56081.38	56243.9	6.10	56087.48	56085.43359	56088.39714	56086.39063	503281.5	5410326.8
L3280.0	503281.5	5410328.1	39047.89844	294.93	0	48.845915	-86.955273	56082.68	56243.9	6.10	56088.78	56086.72656	56089.73756	56087.73047	503281.5	5410328.1
L3280.0	503281.5	5410328.1	39048.00000	292.91	0	48.845915	-86.955273	56083.69	56243.9	6.10	56089.79	56087.73047	56090.86846	56088.85547	503281.5	5410328.1
L3280.0	503281.5	5410329.9	39048.10156	292.33	0	48.845931	-86.955273	56085.38	56243.9	6.10	56091.48	56089.41406	56092.46702	56090.45313	503281.5	5410329.9
L3280.0	503281.5	5410331.2	39048.19922	293.62	0	48.845943	-86.955274	56086.93	56243.9	6.10	56093.03	56090.95703	56093.95540	56091.93750	503281.5	5410331.2
L3280.0	503281.5	5410332.5	39048.30078	296.57	0	48.845955	-86.955274	56088.22	56243.9	6.10	56094.32	56092.23828	56095.25504	56093.23438	503281.5	5410332.5
L3280.0	503281.5	5410332.5	39048.39844	296.05	0	48.845955	-86.955274	56089.46	56243.9	6.10	56095.56	56093.47266	56096.51073	56094.48828	503281.5	5410332.5
L3280.0	503281.5	5410335.5	39048.50000	294.62	0	48.845982	-86.955273	56091.00	56243.9	6.10	56097.10	56095.00781	56097.96370	56095.93750	503281.5	5410335.5
L3280.0	503281.5	5410335.5	39048.60156	293.70	0	48.845982	-86.955273	56092.44	56243.9	6.11	56098.55	56096.45313	56099.34708	56097.32031	503281.5	5410335.5
L3280.0	503281.5	5410336.7	39048.69922	294.25	0	48.845992	-86.955273	56093.91	56243.9	6.11	56100.01	56097.90625	56100.73125	56098.69922	503281.5	5410336.7
L3280.0	503281.5	5410336.7	39048.80078	292.74	0	48.845992	-86.955273	56095.20	56243.9	6.11	56101.30	56099.19141	56102.09384	56100.06250	503281.5	5410336.7
L3280.0	503281.5	5410338.2	39048.89844	290.77	0	48.846006	-86.955273	56096.57	56243.9	6.11	56102.68	56100.56641	56103.47072	56101.43750	503281.5	5410338.2
L3280.0	503281.5	5410339.8	39049.00000	293.83	0	48.846020	-86.955273	56098.26	56243.9	6.11	56104.37	56102.25391	56104.68413	56102.64844	503281.5	5410339.8
L3280.0	503281.5	5410341.1	39049.10156	296.24	0	48.846032	-86.955273	56099.55	56243.9	6.11	56105.66	56103.53906	56106.08906	56104.05469	503281.5	5410341.1
L3280.0	503281.5	5410342.5	39049.19922	297.65	0	48.846045	-86.955273	56100.87	56243.9	6.11	56106.98	56104.85547	56107.40937	56105.37500	503281.5	5410342.5

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L3280.0	503281.5	5410342.5	39049.30078	298.05	0	48.846045	-86.955273	56102.20	56243.9	6.11	56108.32	56106.19141	56108.73862	56106.70313	503281.5	5410342.5
L3280.0	503281.5	5410343.9	39049.39844	297.17	0	48.846057	-86.955273	56103.93	56243.9	6.11	56110.04	56107.90625	56110.17862	56108.14063	503281.5	5410343.9
L3280.0	503281.5	5410343.9	39049.50000	298.40	0	48.846057	-86.955273	56105.37	56243.9	6.12	56111.48	56109.34375	56111.57854	56109.54297	503281.5	5410343.9
L3280.0	503281.5	5410345.7	39049.60156	296.77	0	48.846073	-86.955273	56106.94	56243.9	6.12	56113.05	56110.91016	56113.06673	56111.03125	503281.5	5410345.7
L3280.0	503281.5	5410347.1	39049.69922	297.95	0	48.846086	-86.955273	56108.31	56243.9	6.12	56114.42	56112.27734	56114.31931	56112.28516	503281.5	5410347.1
L3280.0	503281.5	5410347.1	39049.80078	297.60	0	48.846086	-86.955273	56109.69	56243.9	6.12	56115.81	56113.66797	56116.12579	56114.08984	503281.5	5410347.1
L3280.0	503281.6	5410348.6	39049.89844	299.64	0	48.846100	-86.955272	56110.84	56243.9	6.12	56116.96	56114.81250	56116.16127	56114.12891	503281.6	5410348.6
L3280.0	503281.6	5410350.1	39050.00000	299.95	0	48.846113	-86.955272	56112.29	56243.9	6.12	56118.41	56116.26172	56118.42468	56116.39063	503281.6	5410350.1
L3280.0	503281.6	5410351.4	39050.10156	299.55	0	48.846125	-86.955272	56113.80	56243.9	6.12	56119.92	56117.76953	56119.65007	56117.62109	503281.6	5410351.4
L3280.0	503281.6	5410351.4	39050.19922	297.82	0	48.846125	-86.955272	56115.20	56243.9	6.12	56121.32	56119.16797	56121.61258	56119.58203	503281.6	5410351.4
L3280.0	503281.6	5410352.9	39050.30078	304.08	0	48.846139	-86.955272	56116.53	56243.9	6.12	56122.65	56120.49609	56121.45378	56119.42578	503281.6	5410352.9
L3280.0	503281.6	5410354.5	39050.39844	305.14	0	48.846153	-86.955271	56118.04	56243.9	6.12	56124.15	56121.99609	56124.82025	56122.79688	503281.6	5410354.5
L3280.0	503281.6	5410355.8	39050.50000	308.14	0	48.846164	-86.955271	56119.38	56243.9	6.12	56125.49	56123.33594	56124.98619	56122.96484	503281.6	5410355.8
L3280.0	503281.6	5410355.8	39050.60156	306.33	0	48.846164	-86.955271	56120.65	56243.9	6.11	56126.76	56124.60547	56126.39389	56124.37500	503281.6	5410355.8
L3280.0	503281.6	5410357.4	39050.69922	307.00	0	48.846178	-86.955271	56122.11	56243.9	6.11	56128.23	56126.07422	56126.42929	56124.41406	503281.6	5410357.4
L3280.0	503281.6	5410357.4	39050.80078	300.64	0	48.846178	-86.955271	56123.79	56243.9	6.11	56129.90	56127.74219	56132.07928	56130.06641	503281.6	5410357.4
L3280.0	503281.6	5410359.4	39050.89844	300.99	0	48.846196	-86.955271	56125.07	56243.9	6.11	56131.18	56129.02344	56128.87504	56126.86719	503281.6	5410359.4
L3280.0	503281.6	5410360.5	39051.00000	299.03	0	48.846207	-86.955271	56126.59	56243.9	6.11	56132.70	56130.54297	56134.47779	56132.47266	503281.6	5410360.5
L3280.0	503281.6	5410360.5	39051.10156	304.70	0	48.846207	-86.955271	56127.95	56243.9	6.11	56134.06	56131.90234	56131.18011	56129.17969	503281.6	5410360.5
L3280.0	503281.6	5410362.2	39051.19922	301.18	0	48.846222	-86.955271	56129.84	56243.9	6.11	56135.95	56133.79297	56138.58512	56136.58984	503281.6	5410362.2
L3280.0	503281.6	5410363.4	39051.30078	300.33	0	48.846233	-86.955271	56131.02	56243.9	6.11	56137.13	56134.97656	56136.16772	56134.17578	503281.6	5410363.4
L3280.0	503281.6	5410365.2	39051.39844	296.06	0	48.846248	-86.955271	56132.31	56243.9	6.11	56138.42	56136.26563	56138.36713	56136.38281	503281.6	5410365.2
L3280.0	503281.6	5410365.2	39051.50000	294.21	0	48.846248	-86.955271	56133.80	56243.9	6.11	56139.91	56137.75781	56139.69594	56137.71484	503281.6	5410365.2
L3280.0	503281.6	5410366.4	39051.60156	299.54	0	48.846260	-86.955271	56135.35	56243.9	6.11	56141.46	56139.30859	56141.48508	56139.51172	503281.6	5410366.4
L3280.0	503281.6	5410368.3	39051.69922	294.65	0	48.846276	-86.955271	56136.91	56243.9	6.11	56143.02	56140.87109	56143.02821	56141.05859	503281.6	5410368.3
L3280.0	503281.6	5410368.3	39051.80078	294.65	0	48.846276	-86.955271	56138.38	56243.9	6.11	56144.49	56142.33984	56144.52259	56142.55859	503281.6	5410368.3
L3280.0	503281.6	5410369.9	39051.89844	298.07	0	48.846291	-86.955272	56139.77	56243.9	6.11	56145.88	56143.73438	56145.88000	56143.92578	503281.6	5410369.9
L3280.0	503281.6	5410371.7	39052.00000	292.35	0	48.846308	-86.955272	56141.32	56243.9	6.11	56147.43	56145.28516	56147.42120	56145.47266	503281.6	5410371.7
L3280.0	503281.6	5410371.7	39052.10156	295.08	0	48.846308	-86.955272	56142.78	56243.9	6.11	56148.89	56146.75000	56148.87994	56146.93750	503281.6	5410371.7
L3280.0	503281.6	5410372.9	39052.19922	296.08	0	48.846318	-86.955272	56144.34	56243.9	6.11	56150.46	56148.32031	56150.41499	56148.48047	503281.6	5410372.9
L3280.0	503281.6	5410374.0	39052.30078	295.49	0	48.846328	-86.955272	56145.92	56243.9	6.11	56152.03	56149.89453	56151.92494	56149.99609	503281.6	5410374.0
L3280.0	503281.6	5410375.6	39052.39844	294.13	0	48.846342	-86.955272	56146.88	56243.9	6.11	56152.99	56150.85547	56153.05011	56151.12891	503281.6	5410375.6
L3280.0	503281.6	5410377.1	39052.50000	300.04	0	48.846356	-86.955272	56148.60	56243.9	6.12	56154.71	56152.57813	56154.66238	56152.75000	503281.6	5410377.1
L3280.0	503281.6	5410377.1	39052.60156	294.81	0	48.846356	-86.955272	56150.14	56243.9	6.12	56156.25	56154.12109	56156.17806	56154.27344	503281.6	5410377.1
L3280.0	503281.5	5410378.9	39052.69922	294.50	0	48.846372	-86.955272	56151.34	56243.9	6.12	56157.46	56155.33594	56157.45338	56155.55859	503281.5	5410378.9
L3280.0	503281.5	5410380.5	39052.80078	299.68	0	48.846387	-86.955272	56152.92	56243.9	6.12	56159.04	56156.91797	56159.00953	56157.12109	503281.5	5410380.5
L3280.0	503281.5	5410380.5	39052.89844	298.77	0	48.846387	-86.955272	56154.14	56243.9	6.12	56160.26	56158.14063	56160.26000	56158.37891	503281.5	5410380.5
L3280.0	503281.5	5410382.1	39053.00000	299.43	0	48.846401	-86.955273	56155.48	56243.9	6.12	56161.60	56159.48828	56161.52892	56159.65625	503281.5	5410382.1
L3280.0	503281.5	5410383.8	39053.10156	299.89	0	48.846416	-86.955273	56157.20	56243.9	6.12	56163.32	56161.21094	56163.50447	56161.64453	503281.5	5410383.8
L3280.0	503281.5	5410384.8	39053.19922	292.79	0	48.846425	-86.955273	56158.64	56243.9	6.12	56164.76	56162.65234	56164.98456	56163.13281	503281.5	5410384.8
L3280.0	503281.5	5410384.8	39053.30078	292.67	0	48.846425	-86.955273	56159.90	56243.9	6.12	56166.02	56163.91797	56165.68675	56163.84375	503281.5	5410384.8
L3280.0	503281.5	5410386.5	39053.39844	297.33	0	48.846440	-86.955273	56161.40	56243.9	6.12	56167.52	56165.42188	56168.15010	56166.31641	503281.5	5410386.5
L3280.0	503281.4	5410388.0	39053.50000	298.12	0	48.846455	-86.955274	56162.61	56243.9	6.12	56168.73	56166.63672	56168.59038	56166.76563	503281.4	5410388.0
L3280.0	503281.4	5410388.0	39053.60156	298.65	0	48.846455	-86.955274	56163.98	56243.9	6.12	56170.10	56168.01172	56169.15616	56167.34375	503281.4	5410388.0
L3280.0	503281.4	5410389.7	39053.69922	298.61	0	48.846469	-86.955275	56165.75	56243.9	6.12	56171.87	56169.78516	56173.25418	56171.44922	503281.4	5410389.7
L3280.0	503281.3	5410391.3	39053.80078	300.16	0	48.846483	-86.955275	56167.11	56243.9	6.12	56173.23	56171.15234	56172.84809	56171.05469	503281.3	5410391.3
L3280.0	503281.3	5410391.3	39053.89844	300.91	0	48.846483	-86.955275	56168.53	56243.9	6.12	56174.65	56172.57422	56174.62474	56172.83984	503281.3	5410391.3
L3280.0	503281.3	5410392.9	39054.00000	298.80	0	48.846498	-86.955276	56170.20	56243.9	6.12	56176.32	56174.25000	56175.66078	56173.88672	503281.3	5410392.9
L3280.0	503281.2	5410394.6	39054.10156	299.42	0	48.846514	-86.955276	56172.14	56243.9	6.12	56178.26	56176.19531	56179.56691	56177.80469	503281.2	5410394.6
L3280.0	503281.2	5410396.1	39054.19922	300.77	0	48.846527	-86.955277	56173.70	56243.9	6.12	56179.82	56177.76172	56180.43383	56178.68359	503281.2	5410396.1
L3280.0	503281.2	5410396.1	39054.30078	301.47	0	48.846527	-86.955277	56175.05	56243.9	6.12	56181.17	56179.11719	56181.18052	56179.44141	503281.2	5410396.1
L3280.0	503281.1	5410397.7	39054.39844	301.76	0	48.846542	-86.955278	56176.52	56243.9	6.12	56182.64	56180.58984	56183.05048	56181.32031	503281.1	5410397.7
L3280.0	503281.1	5410397.7	39054.50000	295.28	0	48.846542	-86.955278	56177.89	56243.9	6.12	56184.01	56181.96875	56184.17885	56182.46094	503281.1	5410397.7
L3280.0	503281.1	5410399.1	39054.60156	296.87	0	48.846554	-86.955278	56179.16	56243.9	6.12	56185.28	56183.24219	56185.37787	56183.67188	503281.1	5410399.1
L3280.0	503281.0	5410401.1	39054.69922	299.51	0	48.846572	-86.955279	56180.50	56243.9	6.12	56186.62	56184.58984	56186.62000	56184.92578	503281.0	5410401.1
L3280.0	503281.0	5410401.1	39054.80078	298.71	0	48.846572	-86.955279	56182.39	56243.9	6.12	56188.51	56186.48438	56188.43404	56186.75000	503281.0	5410401.1
L3280.0	503281.0	5410402.6	39054.89844	298.80	0	48.846585	-86.955280	56184.16	56243.9	6.12	56190.28	56188.26172	56190.01505	56188.34375	503281.0	5410402.6
L3280.0	503281.0	5410404.1	39055.00000	296.43	0	48.846599	-86.955280	56185.58	56243.9	6.12	56191.70	56189.68750	56191.33400	56189.67578	503281.0	5410404.1
L3280.0	503281.0	5410404.1	39055.10156	297.89	0	48.846599	-86.955280	56186.82	56243.9	6.12	56192.94	56190.93359	56192.63143	56190.98438	503281.0	5410404.1
L3280.0	503280.9	5410405.3	39055.19922	296.93	0	48.846610	-86.955280	56188.13	56243.9	6.12	56194.25	56192.25000	56194.05174	56192.41406	503280.9	5410405.3
L3280.0	503280.9	5410407.1	39055.30078	297.08	0	48.846626	-86.955281	56189.81	56243.9	6.12	56195.93	56193.93359	56195.46134	56193.83594	503280.9	5410407.1
L3280.0	503280.9	5410408.8	39055.39844	296.06	0	48.846641	-86.955281	56191.45	56243.9	6.12	56197.57	56195.58203	56196.94661	56195.33594	503280.9	5410408.8
L3280.0	503280.9	5410408.8	39055.50000	294.48	0	48.846641	-86.955281	56193.24	56243.9	6.12	56199.36	56197.37500	56198.43136	56196.83203	503280.9	5410408.8
L3280.0	503280.9	5410410.4	39055.60156	292.29	0	48.846656	-86.955281	56194.94	56243.9	6.12	56201.06	56199.08203	56199.94345	56198.35547	503280.9	5410410.4
L3280.0	503280.9	5410410.4	39055.69922	292.38	0	48.846656	-86.955281	56196.50	56243.9	6.12	56202.62	56200.64844	56201.36069	56199.78516	503280.9	5410410.4
L3280.0	503280.8	5410412.2	39055.80078	292.02	0	48.846671	-86.955282	56197.57	56243.9	6.12	56203.69	56201.72656	56202.48183	56200.92188	503280.8	5410412.2
L3280.0	503280.8	5410413.8	39055.89844	293.40	0	48.846686	-86.955282	56199.26	56243.9	6.12	56205.38	56203.42188	56204.00192	56202.45313	503280.8	5410413.8
L3280.0	503280.8	5410413.8	39056.00000	294.71	0	48.846686	-86.955282	56200.94	56243.9	6.12	56207.06	56205.10938	56205.52166	56203.98438	503280.8	5410413.8
L3280.0	503280.8	5410415.8	39056.10156	293.47	0	48.846704	-86.955282	56202.22	56243.9	6.12	56208.34	56206.39453	56206.82416	56205.30078	503280.8	5410415.8
L3280.0	503280.8	5410417.3	39056.19922	291.63	0	48.846718	-86.955283	56203.95	56243.9	6.12	56210.07	56208.13281	56208.39982	56206.89063	503280.8	5410417.3
L3280.0	503280.8	5410418.7	39056.30078	293.46	0	48.846731	-86.955283	56205.71	56243.9	6.12	56211.84	56209.90625	56210.01441	56208.51563	503280.8	5410418.7
L3280.0	503280.8	5410418.7	39056.39844	295.55	0	48.846731	-86.955283	56206.81	56243.9	6.12	56212.93	56211.00391	56211.26426	56209.78125	503280.8	5410418.7
L3280.0	503280.7	5410421.4	39056.50000	295.02	0	48.846754	-86.955283	56208.70	56243.9	6.13	56214.82	56212.90234	56212.98319	56211.51172	503280.7	5410421.4
L3280.0	503280.7	5410421.4	39056.60156	293.08	0	48.846754	-86.955283	56209.75	56243.9	6.13	56215.88	56213.96875	56214.24238	56212.78516	503280.7	5410421.4
L3280.0	503280.7	5410422.6	39056.69922	293.22	0	48.846765	-86.955283	56211.36	56243.9	6.13	56217.48	56215.57422	56215.82565	56214.37891	503280.7	5410422.6
L3280.0	503280.7	5410422.6	39056.80078	294.99	0	48.846765	-86.955283	56213.21	56243.9	6.13	56219.33	56217.42969	56217.57616	56216.14453	503280.7	5410422.6
L3280.0	503280.7	5410424.3	39056.89844	295.29	0	48.846780	-86.955284	56214.66	56243.9	6.13	56220.79	56218.89844	56219.10095	56217.68359	503280.7	5410424.3
L3280.0	503280.7	5410426.2	39057.00000	294.89	0	48.846797	-86.955284	56215.96	56243.9	6.13	56222.09	56220.20703	56220.52494	56219.12109	503280.7	5410426.2
L3280.0	503280.6	5410427.6	39057.10156	294.62	0	48.846810	-86.955284	56217.48	56243.9	6.13	56223.61	56221.73047	56222.08905	56220.69531	503280.6	5410427.6
L3280.0	503280.6	5410427.6	39057.19922	295.60	0	48.846810	-86.955284	56219.37	56243.9	6.13	56225.50	56223.62891	56223.90328	56222.52344	503280.6	5410427.6
L3280.0	503280.6	5410429.2	39057.30078	296.64	0	48.846825	-86.955284	56220.87	56243.9	6.13	56227.00	56225.13672	56225.45113	56224.08594	503280.6	5410429.2
L3280.0	503280.6	5410429.2	39057.39844	295.25	0	48.846825	-86.955284	56222.33	56243.9	6.13	56228.46	56226.60156	56226.96062	56225.60938	503280.6	5410429.2
L3280.0	503280.6	5410432.5	39057.50000	296.16	0	48.846854	-86.955285	56223.93	56243.9	6.13	56230.06	56228.21094	56228.55883	56227.21875	503280.6	5410432.5
L3280.0	503280.6	5410432.5	39057.60156	295.63	0	48.846854	-86.955285	56225.62	56243.9	6.13	56231.75	56229.90625	56230.21263	56228.88672	503280.6	5410432.5
L3280.0	503280.6	5410434.9	39057.69922	298.44	0	48.846876	-86.955285	56227.03	56243.9	6.13	56233.16	56231.32422	56231.41465	56230.10156	503280.6	5410434.9
L3280.0	503280.6	5410435.8	39057.80078	299.05	0	48.846884	-86.955285	56228.14	56243.9	6.13	56234.27	56232.44141	56233.12472	56231.82813	503280.6	5410435.8
L3280.0	503280.6	5410435.8	39057.89844	298.67	0	48.846884	-86.955285	56229.84	56243.9	6.13	56235.97	56234.14844	56234.42779	56233.14453	503280.6	5410435.8
L3280.0	503280.6	5410437.0	39058.00000	296.64	0	48.846895	-86.955284	56231.44	56243.9	6.13	56237.57	56235.75391	56235.86303	56234.58984	503280.6	5410437.0
L3280.0	503280.6	5410438.7	39058.10156	298.54	0	48.846910	-86.955284	56233.02	56243.9	6.13	56239.15	56237.34375	56237.20789	56235.94922	503280.6	5410438.7
L3280.0	503280.6	5410438.7	39058.19922	295.76	0	48.846910	-86.955284	56234.17	56243.9	6.13	56240.30	56238.50000	56238.80220	56237.55859	503280.6	5410438.7
L3280.0	503280.7	5410440.6	39058.30078	292.75	0	48.846927	-86.955284	56235.63	56243.9	6.13	56241.76	56239.96484	56240.15092	56238.91797	503280.7	5410440.6
L3280.0	503280.7	5410440.6	39058.39844	292.00	0	48.846927	-86.955284	56237.28	56243.9	6.13	56243.41	56241.62500	56241.68288	56240.46484	503280.7	5410440.6
L3280.0	503280.7	5410442.4	39058.50000	293.71	0	48.846943	-86.955283	56238.35	56243.9	6.13	56244.48	56242.69922	56242.78270	56241.57813	503280.7	5410442.4

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L3280.0	503280.7	5410444.1	39058.60156	292.93	0	48.846959	-86.955283	56239.78	56243.9	6.13	56245.91	56244.13672	56244.13355	56242.94141	503280.7	5410444.1
L3280.0	503280.8	5410445.8	39058.69922	293.26	0	48.846974	-86.955282	56241.48	56243.9	6.13	56247.61	56245.84375	56245.66397	56244.48438	503280.8	5410445.8
L3280.0	503280.8	5410445.8	39058.80078	292.39	0	48.846974	-86.955282	56242.62	56243.9	6.13	56248.75	56246.99219	56246.78984	56245.62500	503280.8	5410445.8
L3280.0	503280.8	5410447.2	39058.89844	294.82	0	48.846987	-86.955282	56243.95	56243.9	6.13	56250.07	56248.32031	56248.03724	56246.88672	503280.8	5410447.2
L3280.0	503280.8	5410447.2	39059.00000	295.22	0	48.846987	-86.955282	56245.58	56243.9	6.13	56251.71	56249.96875	56249.49530	56248.35547	503280.8	5410447.2
L3280.0	503280.8	5410449.3	39059.10156	296.39	0	48.847005	-86.955282	56247.00	56243.9	6.13	56253.13	56251.39453	56250.79663	56249.67188	503280.8	5410449.3
L3280.0	503280.8	5410450.9	39059.19922	294.49	0	48.847020	-86.955281	56248.23	56243.9	6.13	56254.36	56252.63281	56251.96990	56250.85938	503280.8	5410450.9
L3280.0	503280.9	5410452.3	39059.30078	294.35	0	48.847033	-86.955281	56249.96	56243.9	6.13	56256.09	56254.36719	56253.46090	56252.36328	503280.9	5410452.3
L3280.0	503280.9	5410452.3	39059.39844	295.57	0	48.847033	-86.955281	56250.94	56243.9	6.13	56257.07	56255.35547	56254.46908	56253.38281	503280.9	5410452.3
L3280.0	503280.9	5410453.8	39059.50000	295.82	0	48.847046	-86.955281	56252.90	56243.9	6.13	56259.04	56257.33203	56256.08642	56255.01172	503280.9	5410453.8
L3280.0	503280.9	5410455.5	39059.60156	295.80	0	48.847061	-86.955280	56253.91	56243.9	6.14	56260.05	56258.35156	56257.10532	56256.04688	503280.9	5410455.5
L3280.0	503280.9	5410457.2	39059.69922	294.44	0	48.847076	-86.955280	56255.71	56243.9	6.14	56261.85	56260.16016	56258.58943	56257.54297	503280.9	5410457.2
L3280.0	503280.9	5410457.2	39059.80078	291.55	0	48.847076	-86.955280	56256.58	56243.9	6.14	56262.72	56261.03516	56259.51924	56258.48438	503280.9	5410457.2
L3280.0	503281.0	5410458.7	39059.89844	292.52	0	48.847090	-86.955280	56258.20	56243.9	6.14	56264.34	56262.66406	56260.87668	56259.85547	503281.0	5410458.7
L3280.0	503281.0	5410460.4	39060.00000	290.93	0	48.847106	-86.955279	56259.21	56243.9	6.14	56265.35	56263.67969	56261.88679	56260.87891	503281.0	5410460.4
L3280.0	503281.0	5410461.7	39060.10156	292.10	0	48.847117	-86.955279	56260.61	56243.9	6.14	56266.74	56265.07813	56263.10682	56262.10938	503281.0	5410461.7
L3280.0	503281.0	5410461.7	39060.19922	293.39	0	48.847117	-86.955279	56261.58	56243.9	6.13	56267.71	56266.05469	56264.10300	56263.12109	503281.0	5410461.7
L3280.0	503281.1	5410463.4	39060.30078	294.27	0	48.847132	-86.955278	56263.11	56243.9	6.13	56269.24	56267.59375	56265.39688	56264.42578	503281.1	5410463.4
L3280.0	503281.1	5410464.6	39060.39844	295.58	0	48.847143	-86.955278	56263.95	56243.9	6.13	56270.07	56268.42969	56266.33306	56265.37500	503281.1	5410464.6
L3280.0	503281.1	5410464.6	39060.50000	294.19	0	48.847143	-86.955278	56265.66	56243.9	6.13	56271.79	56270.16016	56267.72678	56266.78125	503281.1	5410464.6
L3280.0	503281.1	5410466.2	39060.60156	293.03	0	48.847158	-86.955278	56266.81	56243.9	6.12	56272.93	56271.30859	56268.83592	56267.90234	503281.1	5410466.2
L3280.0	503281.1	5410467.9	39060.69922	294.59	0	48.847173	-86.955277	56268.16	56243.9	6.12	56274.28	56272.66406	56270.06060	56269.14063	503281.1	5410467.9
L3280.0	503281.1	5410467.9	39060.80078	292.91	0	48.847173	-86.955277	56269.26	56243.9	6.12	56275.37	56273.76172	56271.17273	56270.26172	503281.1	5410467.9
L3280.0	503281.2	5410469.7	39060.89844	292.59	0	48.847189	-86.955277	56270.56	56243.9	6.11	56276.68	56275.08203	56272.41324	56271.51563	503281.2	5410469.7
L3280.0	503281.2	5410471.3	39061.00000	293.09	0	48.847203	-86.955277	56271.53	56243.9	6.11	56277.64	56276.04688	56273.50344	56272.61719	503281.2	5410471.3
L3280.0	503281.2	5410471.3	39061.10156	293.48	0	48.847203	-86.955277	56272.86	56243.9	6.11	56278.96	56277.37500	56274.79309	56273.92188	503281.2	5410471.3
L3280.0	503281.2	5410473.0	39061.19922	292.24	0	48.847218	-86.955276	56274.36	56243.9	6.11	56280.47	56278.89453	56276.20158	56275.33984	503281.2	5410473.0
L3280.0	503281.2	5410474.5	39061.30078	291.67	0	48.847232	-86.955276	56275.08	56243.9	6.10	56281.19	56279.62109	56277.21729	56276.36719	503281.2	5410474.5
L3280.0	503281.2	5410476.1	39061.39844	290.67	0	48.847246	-86.955276	56276.52	56243.9	6.10	56282.63	56281.07031	56278.62210	56277.78516	503281.2	5410476.1
L3280.0	503281.3	5410477.4	39061.50000	291.50	0	48.847258	-86.955275	56277.30	56243.9	6.10	56283.40	56281.84766	56279.67043	56278.84375	503281.3	5410477.4
L3280.0	503281.3	5410477.4	39061.60156	294.51	0	48.847258	-86.955275	56278.68	56243.9	6.10	56284.78	56283.23438	56281.06051	56280.24609	503281.3	5410477.4
L3280.0	503281.3	5410479.4	39061.69922	296.61	0	48.847276	-86.955275	56279.80	56243.9	6.10	56285.89	56284.35547	56282.30040	56281.50000	503281.3	5410479.4
L3280.0	503281.3	5410479.4	39061.80078	296.00	0	48.847276	-86.955275	56280.79	56243.9	6.09	56286.89	56285.36328	56283.47118	56282.67969	503281.3	5410479.4
L3280.0	503281.4	5410481.1	39061.89844	294.89	0	48.847292	-86.955274	56281.79	56243.9	6.09	56287.88	56286.35938	56284.62772	56283.84766	503281.4	5410481.1
L3280.0	503281.4	5410482.6	39062.00000	296.79	0	48.847305	-86.955273	56282.95	56243.9	6.09	56289.04	56287.52734	56285.88165	56285.11328	503281.4	5410482.6
L3280.0	503281.4	5410484.1	39062.10156	297.00	0	48.847319	-86.955273	56284.09	56243.9	6.09	56290.18	56288.67578	56287.11416	56286.35547	503281.4	5410484.1
L3280.0	503281.4	5410484.1	39062.19922	296.14	0	48.847319	-86.955273	56285.54	56243.9	6.09	56291.63	56290.13672	56288.54232	56287.79688	503281.4	5410484.1
L3280.0	503281.5	5410485.7	39062.30078	295.59	0	48.847333	-86.955272	56286.36	56243.9	6.09	56292.45	56290.96484	56289.53699	56288.80078	503281.5	5410485.7
L3280.0	503281.5	5410487.7	39062.39844	298.28	0	48.847351	-86.955271	56287.30	56243.9	6.09	56293.39	56291.91016	56290.59235	56289.86719	503281.5	5410487.7
L3280.0	503281.5	5410487.7	39062.50000	297.58	0	48.847351	-86.955271	56288.54	56243.9	6.10	56294.63	56293.16016	56291.83755	56291.12500	503281.5	5410487.7
L3280.0	503281.6	5410489.4	39062.60156	294.05	0	48.847366	-86.955271	56289.24	56243.9	6.10	56295.33	56293.86719	56292.68584	56291.98438	503281.6	5410489.4
L3280.0	503281.6	5410489.4	39062.69922	292.71	0	48.847366	-86.955271	56290.18	56243.9	6.10	56296.28	56294.82813	56293.68958	56292.99609	503281.6	5410489.4
L3280.0	503281.6	5410491.0	39062.80078	294.02	0	48.847380	-86.955270	56291.31	56243.9	6.10	56297.41	56295.96484	56294.80332	56294.12109	503281.6	5410491.0
L3280.0	503281.7	5410492.6	39062.89844	296.56	0	48.847395	-86.955270	56292.15	56243.9	6.10	56298.25	56296.81641	56295.69378	56295.02344	503281.7	5410492.6
L3280.0	503281.7	5410492.6	39063.00000	295.80	0	48.847395	-86.955270	56292.95	56243.9	6.10	56299.04	56297.61328	56296.53450	56295.87500	503281.7	5410492.6
L3280.0	503281.7	5410495.5	39063.10156	294.26	0	48.847421	-86.955269	56294.22	56243.9	6.10	56300.32	56298.90234	56297.71608	56297.06641	503281.7	5410495.5
L3280.0	503281.7	5410495.5	39063.19922	294.36	0	48.847421	-86.955269	56295.16	56243.9	6.09	56301.25	56299.83984	56298.63814	56298.00000	503281.7	5410495.5
L3280.0	503281.7	5410496.9	39063.30078	295.64	0	48.847434	-86.955269	56296.11	56243.9	6.09	56302.20	56300.80078	56299.56827	56298.93750	503281.7	5410496.9
L3280.0	503281.8	5410498.7	39063.39844	295.54	0	48.847450	-86.955268	56297.08	56243.9	6.09	56303.17	56301.77734	56300.50887	56299.89063	503281.8	5410498.7
L3280.0	503281.8	5410498.7	39063.50000	294.83	0	48.847450	-86.955268	56298.02	56243.9	6.08	56304.10	56302.71875	56301.41972	56300.80859	503281.8	5410498.7
L3280.0	503281.8	5410500.5	39063.60156	301.17	0	48.847466	-86.955268	56298.91	56243.9	6.08	56304.99	56303.61719	56302.30344	56301.70313	503281.8	5410500.5
L3280.0	503281.8	5410501.9	39063.69922	296.03	0	48.847479	-86.955268	56299.84	56243.9	6.08	56305.92	56304.55469	56303.21925	56302.62891	503281.8	5410501.9
L3280.0	503281.8	5410501.9	39063.80078	294.88	0	48.847479	-86.955268	56300.52	56243.9	6.08	56306.60	56305.24609	56303.96091	56303.37891	503281.8	5410501.9
L3280.0	503281.8	5410504.0	39063.89844	294.75	0	48.847497	-86.955268	56301.24	56243.9	6.07	56307.31	56305.96484	56304.72740	56304.15625	503281.8	5410504.0
L3280.0	503281.8	5410505.6	39064.00000	293.74	0	48.847512	-86.955267	56302.08	56243.9	6.07	56308.15	56306.81250	56305.59002	56305.02734	503281.8	5410505.6
L3280.0	503281.8	5410505.6	39064.10156	297.19	0	48.847512	-86.955267	56303.15	56243.9	6.07	56309.22	56307.89453	56306.61704	56306.06250	503281.8	5410505.6
L3280.0	503281.8	5410507.5	39064.19922	298.37	0	48.847530	-86.955267	56304.20	56243.9	6.07	56310.26	56308.94141	56307.62240	56307.07813	503281.8	5410507.5
L3280.0	503281.9	5410508.8	39064.30078	297.19	0	48.847541	-86.955267	56304.91	56243.9	6.06	56310.98	56309.67188	56308.39672	56307.86328	503281.9	5410508.8
L3280.0	503281.9	5410510.3	39064.39844	295.25	0	48.847555	-86.955267	56305.88	56243.9	6.06	56311.94	56310.64063	56309.34578	56308.82031	503281.9	5410510.3
L3280.0	503281.9	5410510.3	39064.50000	294.27	0	48.847555	-86.955267	56306.44	56243.9	6.06	56312.50	56311.21094	56310.00410	56309.48828	503281.9	5410510.3
L3280.0	503281.9	5410511.9	39064.60156	296.44	0	48.847569	-86.955267	56306.82	56243.9	6.06	56312.88	56311.60156	56310.87603	56310.36719	503281.9	5410511.9
L3280.0	503281.9	5410514.0	39064.69922	302.90	0	48.847588	-86.955267	56307.85	56243.9	6.06	56313.90	56312.62891	56311.49097	56310.99219	503281.9	5410514.0
L3280.0	503281.9	5410514.0	39064.80078	295.29	0	48.847588	-86.955267	56308.59	56243.9	6.05	56314.64	56313.37891	56312.47019	56311.98047	503281.9	5410514.0
L3280.0	503281.9	5410515.6	39064.89844	293.67	0	48.847602	-86.955267	56309.78	56243.9	6.05	56315.83	56314.57813	56313.10531	56312.62109	503281.9	5410515.6
L3280.0	503281.9	5410517.4	39065.00000	294.39	0	48.847618	-86.955266	56310.35	56243.9	6.05	56316.40	56315.15625	56314.20965	56313.73438	503281.9	5410517.4
L3280.0	503281.9	5410519.1	39065.10156	293.78	0	48.847633	-86.955266	56311.52	56243.9	6.05	56317.57	56316.33984	56314.83563	56314.37109	503281.9	5410519.1
L3280.0	503281.9	5410519.1	39065.19922	301.88	0	48.847633	-86.955266	56312.16	56243.9	6.05	56318.21	56316.98828	56315.75284	56315.29297	503281.9	5410519.1
L3280.0	503281.9	5410521.1	39065.30078	301.36	0	48.847651	-86.955267	56312.67	56243.9	6.05	56318.72	56317.50781	56316.68786	56316.23828	503281.9	5410521.1
L3280.0	503281.9	5410521.1	39065.39844	302.47	0	48.847651	-86.955267	56313.67	56243.9	6.05	56319.72	56318.51563	56317.36692	56316.92578	503281.9	5410521.1
L3280.0	503281.9	5410522.8	39065.50000	295.60	0	48.847667	-86.955267	56314.43	56243.9	6.05	56320.48	56319.28906	56318.17217	56317.73828	503281.9	5410522.8
L3280.0	503281.9	5410524.2	39065.60156	295.10	0	48.847680	-86.955267	56315.04	56243.9	6.05	56321.09	56319.90625	56318.97286	56318.54688	503281.9	5410524.2
L3280.0	503281.8	5410526.1	39065.69922	293.12	0	48.847697	-86.955267	56315.58	56243.9	6.05	56321.63	56320.45703	56319.80660	56319.38672	503281.8	5410526.1
L3280.0	503281.8	5410526.1	39065.80078	294.27	0	48.847697	-86.955267	56316.66	56243.9	6.05	56322.71	56321.54688	56320.40687	56319.99609	503281.8	5410526.1
L3280.0	503281.8	5410527.5	39065.89844	294.41	0	48.847709	-86.955267	56316.98	56243.9	6.05	56323.03	56321.87891	56321.23225	56320.82813	503281.8	5410527.5
L3280.0	503281.8	5410529.1	39066.00000	294.69	0	48.847724	-86.955267	56317.54	56243.9	6.05	56323.59	56322.44922	56321.94011	56321.54297	503281.8	5410529.1
L3280.0	503281.8	5410529.1	39066.10156	293.51	0	48.847724	-86.955267	56318.43	56243.9	6.05	56324.49	56323.35938	56322.57964	56322.18750	503281.8	5410529.1
L3280.0	503281.8	5410531.1	39066.19922	293.89	0	48.847741	-86.955267	56319.03	56243.9	6.05	56325.08	56323.95703	56323.26999	56322.88672	503281.8	5410531.1
L3280.0	503281.8	5410532.7	39066.30078	296.87	0	48.847755	-86.955267	56319.53	56243.9	6.05	56325.58	56324.46875	56323.94114	56323.56250	503281.8	5410532.7
L3280.0	503281.8	5410532.7	39066.39844	297.36	0	48.847755	-86.955267	56320.18	56243.9	6.05	56326.23	56325.12891	56324.60897	56324.23828	503281.8	5410532.7
L3280.0	503281.8	5410534.0	39066.50000	296.24	0	48.847768	-86.955267	56321.16	56243.9	6.06	56327.22	56326.12891	56325.19700	56324.83203	503281.8	5410534.0
L3280.0	503281.8	5410535.8	39066.60156	295.92	0	48.847783	-86.955268	56321.88	56243.9	6.06	56327.93	56326.84766	56325.76610	56325.41016	503281.8	5410535.8
L3280.0	503281.8	5410537.2	39066.69922	298.11	0	48.847797	-86.955268	56322.12	56243.9	6.06	56328.17	56327.09766	56326.42155	56326.07031	503281.8	5410537.2
L3280.0	503281.8	5410538.7	39066.80078	297.20	0	48.847810	-86.955268	56322.95	56243.9	6.06	56329.01	56327.94922	56326.83226	56326.48828	503281.8	5410538.7
L3280.0	503281.8	5410538.7	39066.89844	297.41	0	48.847810	-86.955268	56323.59	56243.9	6.06	56329.65	56328.59766	56327.26646	56326.92969	503281.8	5410538.7
L3280.0	503281.8	5410540.4	39067.00000	295.84	0	48.847825	-86.955268	56323.88	56243.9	6.06	56329.94	56328.89844	56327.82439	56327.49219	503281.8	5410540.4
L3280.0	503281.7	5410542.2	39067.10156	297.75	0	48.847842	-86.955268	56324.56	56243.9	6.06	56330.62	56329.58984	56328.11161	56327.78516	503281.7	5410542.2
L3280.0	503281.7	5410542.2	39067.19922	295.53	0	48.847842	-86.955268	56325.07	56243.9	6.05	56331.13	56330.10938	56328.62288	56328.30469	503281.7	5410542.2
L3280.0	503281.7	5410543.8	39067.30078	294.96	0	48.847855	-86.955269	56325.48	56243.9	6.05	56331.53	56330.51953	56328.87639	56328.56250	503281.7	5410543.8
L3280.0	503281.7	5410545.4	39067.39844	293.65	0	48.847870	-86.955269	56325.99	56244	6.05	56332.04	56331.04297	56329.19360	56328.88672	503281.7	5410545.4
L3280.0	503281.7	5410546.7	39067.50000	293.37	0	48.847882	-86.955269	56326.86	56244	6.04	56332.90	56331.91016	56329.72648	56329.42188	503281.7	5410546.7
L3280.0	503281.7	5410546.7	39067.60156	293.01	0	48.847882	-86.955269	56327.35	56244	6.04	56333.39	56332.41016	56329.99421	56329.69531	503281.7	5410546.7
L3280.0	503281.6	5410548.5	39067.69922	293.09	0	48.847898	-86.955270	56327.52	56244	6.04	56333.56	56332.59375	56330.06162	56329.76953	503281.6	5410548.5
L3280.0	503281.6	5410549.9	39067.80078	291.86	0	48.847911	-86.955270	56328.16	56244	6.04	56334.20	56333.24219	56330.41361	56330.12891	503281.6	5410549.9

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L3280.0	503281.6	5410549.9	39067.89844	299.63	0	48.847911	-86.955270	56328.85	56244	6.03	56334.88	56333.93359	56330.77925	56330.49609	503281.6	5410549.9
L3280.0	503281.6	5410552.2	39068.00000	300.58	0	48.847931	-86.955270	56329.41	56244	6.03	56335.44	56334.50391	56331.07596	56330.80078	503281.6	5410552.2
L3280.0	503281.6	5410552.2	39068.10156	300.79	0	48.847931	-86.955270	56329.96	56244	6.03	56335.99	56335.06250	56331.37350	56331.10156	503281.6	5410552.2
L3280.0	503281.5	5410555.3	39068.19922	301.24	0	48.847959	-86.955271	56330.46	56244	6.03	56336.49	56335.57422	56331.65854	56331.39453	503281.5	5410555.3
L3280.0	503281.5	5410555.3	39068.30078	300.18	0	48.847959	-86.955271	56331.14	56244	6.03	56337.17	56336.26563	56332.04213	56331.78125	503281.5	5410555.3
L3280.0	503281.5	5410557.3	39068.39844	293.51	0	48.847977	-86.955271	56331.12	56244	6.03	56337.15	56336.25391	56332.14120	56331.88672	503281.5	5410557.3
L3280.0	503281.5	5410557.3	39068.50000	294.31	0	48.847977	-86.955271	56331.86	56244	6.02	56337.88	56336.99609	56332.59252	56332.33984	503281.5	5410557.3
L3280.0	503281.5	5410558.8	39068.60156	292.86	0	48.847991	-86.955272	56332.27	56244	6.02	56338.30	56337.42578	56332.94212	56332.69531	503281.5	5410558.8
L3280.0	503281.5	5410560.1	39068.69922	290.84	0	48.848002	-86.955272	56332.57	56244	6.02	56338.60	56337.73828	56333.27749	56333.03516	503281.5	5410560.1
L3280.0	503281.5	5410560.1	39068.80078	290.41	0	48.848002	-86.955272	56333.01	56244	6.02	56339.03	56338.17578	56333.69683	56333.45703	503281.5	5410560.1
L3280.0	503281.5	5410562.1	39068.89844	292.22	0	48.848020	-86.955272	56333.55	56244	6.02	56339.57	56338.72656	56334.19041	56333.95703	503281.5	5410562.1
L3280.0	503281.4	5410563.8	39069.00000	292.43	0	48.848035	-86.955272	56333.78	56244	6.02	56339.80	56338.96875	56334.59485	56334.36719	503281.4	5410563.8
L3280.0	503281.4	5410563.8	39069.10156	291.83	0	48.848035	-86.955272	56334.36	56244	6.02	56340.38	56339.55859	56335.16319	56334.93750	503281.4	5410563.8
L3280.0	503281.4	5410565.8	39069.19922	292.33	0	48.848053	-86.955273	56335.15	56244	6.02	56341.17	56340.35938	56335.84356	56335.62109	503281.4	5410565.8
L3280.0	503281.4	5410567.6	39069.30078	293.01	0	48.848069	-86.955273	56335.18	56244	6.02	56341.20	56340.39844	56336.23180	56336.01563	503281.4	5410567.6
L3280.0	503281.4	5410567.6	39069.39844	292.66	0	48.848069	-86.955273	56335.97	56244	6.02	56341.99	56341.19922	56336.95776	56336.74609	503281.4	5410567.6
L3280.0	503281.4	5410569.6	39069.50000	290.57	0	48.848088	-86.955273	56335.95	56244	6.02	56341.96	56341.17969	56337.33375	56337.12500	503281.4	5410569.6
L3280.0	503281.4	5410571.2	39069.60156	290.45	0	48.848102	-86.955273	56336.48	56244	6.02	56342.50	56341.73047	56337.97155	56337.76563	503281.4	5410571.2
L3280.0	503281.4	5410571.2	39069.69922	291.77	0	48.848102	-86.955273	56336.84	56244	6.02	56342.86	56342.09766	56338.52999	56338.32813	503281.4	5410571.2
L3280.0	503281.4	5410573.0	39069.80078	293.88	0	48.848118	-86.955273	56337.04	56244	6.02	56343.06	56342.30859	56339.00634	56338.80859	503281.4	5410573.0
L3280.0	503281.4	5410573.0	39069.89844	292.39	0	48.848118	-86.955273	56337.78	56244	6.02	56343.80	56343.05859	56339.76375	56339.57031	503281.4	5410573.0
L3280.0	503281.3	5410574.9	39070.00000	294.99	0	48.848136	-86.955273	56337.81	56244	6.02	56343.83	56343.09766	56340.13448	56339.94531	503281.3	5410574.9
L3280.0	503281.3	5410576.2	39070.10156	295.23	0	48.848147	-86.955273	56338.09	56244	6.02	56344.11	56343.38672	56340.62592	56340.43750	503281.3	5410576.2
L3280.0	503281.3	5410576.2	39070.19922	296.34	0	48.848147	-86.955273	56338.59	56244	6.03	56344.62	56343.91016	56341.23799	56341.05469	503281.3	5410576.2
L3280.0	503281.3	5410578.4	39070.30078	296.47	0	48.848167	-86.955274	56338.83	56244	6.03	56344.86	56344.15625	56341.67302	56341.49219	503281.3	5410578.4
L3280.0	503281.3	5410580.2	39070.39844	296.25	0	48.848183	-86.955274	56339.28	56244	6.03	56345.31	56344.61719	56342.21653	56342.03906	503281.3	5410580.2
L3280.0	503281.3	5410581.7	39070.50000	295.93	0	48.848196	-86.955274	56339.88	56244	6.04	56345.91	56345.22656	56342.83539	56342.66016	503281.3	5410581.7
L3280.0	503281.3	5410581.7	39070.60156	295.22	0	48.848196	-86.955274	56339.54	56244	6.04	56345.58	56344.90625	56342.82679	56342.65625	503281.3	5410581.7
L3280.0	503281.3	5410583.2	39070.69922	293.42	0	48.848210	-86.955274	56340.38	56244	6.04	56346.42	56345.75781	56343.54852	56343.37891	503281.3	5410583.2
L3280.0	503281.3	5410584.4	39070.80078	293.54	0	48.848221	-86.955274	56340.62	56244	6.04	56346.66	56346.00781	56343.85069	56343.68750	503281.3	5410584.4
L3280.0	503281.3	5410584.4	39070.89844	295.45	0	48.848221	-86.955274	56340.75	56244	6.05	56346.79	56346.14453	56344.05462	56343.89453	503281.3	5410584.4
L3280.0	503281.3	5410586.3	39071.00000	296.95	0	48.848238	-86.955274	56341.33	56243.9	6.05	56347.38	56346.74609	56344.53939	56344.37891	503281.3	5410586.3
L3280.0	503281.3	5410587.8	39071.10156	297.17	0	48.848252	-86.955274	56341.13	56243.9	6.05	56347.18	56346.55469	56344.48887	56344.33203	503281.3	5410587.8
L3280.0	503281.3	5410589.2	39071.19922	294.72	0	48.848264	-86.955274	56341.62	56243.9	6.05	56347.67	56347.05469	56344.87811	56344.72656	503281.3	5410589.2
L3280.0	503281.3	5410589.2	39071.30078	294.25	0	48.848264	-86.955274	56342.07	56243.9	6.05	56348.12	56347.51172	56345.22987	56345.07813	503281.3	5410589.2
L3280.0	503281.3	5410591.0	39071.39844	294.80	0	48.848281	-86.955274	56342.09	56243.9	6.05	56348.14	56347.54297	56345.29996	56345.15234	503281.3	5410591.0
L3280.0	503281.3	5410592.5	39071.50000	293.96	0	48.848293	-86.955273	56342.20	56243.9	6.05	56348.25	56347.66016	56345.42692	56345.28125	503281.3	5410592.5
L3280.0	503281.3	5410593.9	39071.60156	292.59	0	48.848306	-86.955273	56342.81	56243.9	6.05	56348.86	56348.28125	56345.86501	56345.72266	503281.3	5410593.9
L3280.0	503281.3	5410595.3	39071.69922	291.54	0	48.848319	-86.955273	56342.98	56243.9	6.05	56349.03	56348.46094	56346.03110	56345.89063	503281.3	5410595.3
L3280.0	503281.3	5410595.3	39071.80078	291.94	0	48.848319	-86.955273	56343.17	56243.9	6.05	56349.22	56348.66016	56346.21454	56346.07813	503281.3	5410595.3
L3280.0	503281.3	5410596.8	39071.89844	294.31	0	48.848333	-86.955273	56343.55	56243.9	6.05	56349.60	56349.04688	56346.51923	56346.38281	503281.3	5410596.8
L3280.0	503281.3	5410598.7	39072.00000	295.43	0	48.848349	-86.955273	56343.63	56243.9	6.05	56349.68	56349.13672	56346.65320	56346.51953	503281.3	5410598.7
L3280.0	503281.3	5410600.3	39072.10156	295.09	0	48.848364	-86.955273	56343.63	56243.9	6.05	56349.68	56349.14453	56346.74665	56346.61719	503281.3	5410600.3
L3280.0	503281.3	5410600.3	39072.19922	293.70	0	48.848364	-86.955273	56344.11	56243.9	6.05	56350.16	56349.63281	56347.12818	56347.00000	503281.3	5410600.3
L3280.0	503281.3	5410601.6	39072.30078	293.57	0	48.848375	-86.955273	56344.80	56243.9	6.05	56350.85	56350.33203	56347.63349	56347.50781	503281.3	5410601.6
L3280.0	503281.3	5410603.0	39072.39844	293.93	0	48.848388	-86.955273	56344.64	56243.9	6.05	56350.70	56350.19141	56347.64169	56347.51953	503281.3	5410603.0
L3280.0	503281.3	5410603.0	39072.50000	294.15	0	48.848388	-86.955273	56344.93	56243.9	6.06	56350.98	56350.48047	56347.89901	56347.77734	503281.3	5410603.0
L3280.0	503281.3	5410605.2	39072.60156	294.91	0	48.848408	-86.955273	56345.06	56243.9	6.06	56351.11	56350.61719	56348.06213	56347.94141	503281.3	5410605.2
L3280.0	503281.3	5410606.6	39072.69922	295.17	0	48.848420	-86.955273	56345.13	56243.9	6.06	56351.19	56350.70703	56348.18937	56348.07031	503281.3	5410606.6
L3280.0	503281.3	5410606.6	39072.80078	294.95	0	48.848420	-86.955273	56345.16	56243.9	6.06	56351.22	56350.74609	56348.28192	56348.16797	503281.3	5410606.6
L3280.0	503281.4	5410608.5	39072.89844	294.20	0	48.848438	-86.955273	56345.59	56243.9	6.06	56351.65	56351.18359	56348.59669	56348.48438	503281.4	5410608.5
L3280.0	503281.4	5410610.0	39073.00000	297.63	0	48.848451	-86.955273	56346.02	56243.9	6.06	56352.08	56351.62109	56348.90136	56348.78906	503281.4	5410610.0
L3280.0	503281.4	5410610.0	39073.10156	295.91	0	48.848451	-86.955273	56346.07	56243.9	6.06	56352.14	56351.68750	56348.99039	56348.87891	503281.4	5410610.0
L3280.0	503281.4	5410611.7	39073.19922	297.13	0	48.848467	-86.955273	56346.18	56243.9	6.07	56352.25	56351.80859	56349.10297	56348.99609	503281.4	5410611.7
L3280.0	503281.3	5410613.2	39073.30078	294.21	0	48.848480	-86.955273	56346.33	56243.9	6.07	56352.41	56351.97656	56349.23994	56349.13281	503281.3	5410613.2
L3280.0	503281.3	5410615.1	39073.39844	294.68	0	48.848497	-86.955273	56346.72	56243.9	6.08	56352.80	56352.37109	56349.49644	56349.39063	503281.3	5410615.1
L3280.0	503281.3	5410615.1	39073.50000	294.68	0	48.848497	-86.955273	56346.79	56243.9	6.08	56352.87	56352.44922	56349.58091	56349.48047	503281.3	5410615.1
L3280.0	503281.3	5410616.6	39073.60156	293.60	0	48.848510	-86.955273	56347.13	56243.9	6.09	56353.21	56352.79688	56349.80288	56349.70313	503281.3	5410616.6
L3280.0	503281.3	5410618.6	39073.69922	291.93	0	48.848529	-86.955273	56347.14	56243.9	6.10	56353.24	56352.83594	56349.86541	56349.76563	503281.3	5410618.6
L3280.0	503281.3	5410618.6	39073.80078	292.91	0	48.848529	-86.955273	56347.61	56243.9	6.10	56353.71	56353.31250	56350.14634	56350.05078	503281.3	5410618.6
L3280.0	503281.3	5410620.2	39073.89844	294.07	0	48.848543	-86.955273	56347.66	56243.9	6.11	56353.76	56353.37109	56350.22231	56350.12500	503281.3	5410620.2
L3280.0	503281.3	5410620.2	39074.00000	292.63	0	48.848543	-86.955273	56347.58	56243.9	6.11	56353.69	56353.30859	56350.24768	56350.15234	503281.3	5410620.2
L3280.0	503281.3	5410621.9	39074.10156	291.50	0	48.848558	-86.955273	56348.02	56243.9	6.11	56354.13	56353.75391	56350.52052	56350.42969	503281.3	5410621.9
L3280.0	503281.3	5410623.4	39074.19922	292.12	0	48.848572	-86.955274	56348.17	56243.9	6.11	56354.28	56353.91016	56350.66544	56350.57422	503281.3	5410623.4
L3280.0	503281.3	5410624.6	39074.30078	291.81	0	48.848583	-86.955274	56348.12	56243.9	6.11	56354.23	56353.86719	56350.72755	56350.63672	503281.3	5410624.6
L3280.0	503281.3	5410626.3	39074.39844	292.26	0	48.848598	-86.955274	56348.27	56243.9	6.11	56354.38	56354.02344	56350.88935	56350.80078	503281.3	5410626.3
L3280.0	503281.3	5410628.0	39074.50000	291.55	0	48.848613	-86.955274	56348.83	56243.9	6.12	56354.95	56354.60156	56351.24903	56351.16016	503281.3	5410628.0
L3280.0	503281.3	5410628.0	39074.60156	294.47	0	48.848613	-86.955274	56348.50	56243.9	6.12	56354.62	56354.27734	56351.20745	56351.12109	503281.3	5410628.0
L3280.0	503281.3	5410629.6	39074.69922	294.81	0	48.848627	-86.955274	56348.63	56243.9	6.12	56354.75	56354.41406	56351.38004	56351.29688	503281.3	5410629.6
L3280.0	503281.3	5410631.1	39074.80078	295.20	0	48.848640	-86.955274	56349.09	56243.9	6.12	56355.20	56354.87109	56351.70365	56351.62109	503281.3	5410631.1
L3280.0	503281.3	5410631.1	39074.89844	294.64	0	48.848640	-86.955274	56349.04	56243.9	6.12	56355.15	56354.82813	56351.80298	56351.72266	503281.3	5410631.1
L3280.0	503281.3	5410632.8	39075.00000	290.87	0	48.848656	-86.955274	56349.04	56243.9	6.12	56355.16	56354.84375	56351.93181	56351.85156	503281.3	5410632.8
L3280.0	503281.3	5410634.0	39075.10156	292.47	0	48.848667	-86.955274	56349.40	56243.9	6.12	56355.52	56355.21094	56352.22439	56352.14453	503281.3	5410634.0
L3280.0	503281.3	5410634.0	39075.19922	295.01	0	48.848667	-86.955274	56349.62	56243.9	6.12	56355.74	56355.43750	56352.45088	56352.37109	503281.3	5410634.0
L3280.0	503281.2	5410635.9	39075.30078	294.57	0	48.848684	-86.955275	56349.37	56243.9	6.12	56355.49	56355.19141	56352.44987	56352.37109	503281.2	5410635.9
L3280.0	503281.2	5410637.0	39075.39844	292.65	0	48.848694	-86.955275	56349.81	56243.9	6.12	56355.93	56355.63672	56352.77357	56352.69531	503281.2	5410637.0
L3280.0	503281.2	5410638.9	39075.50000	294.39	0	48.848711	-86.955275	56350.03	56243.9	6.12	56356.15	56355.86328	56352.98638	56352.91016	503281.2	5410638.9
L3280.0	503281.2	5410640.4	39075.60156	296.38	0	48.848725	-86.955275	56349.80	56243.9	6.12	56355.92	56355.64063	56352.97276	56352.89844	503281.2	5410640.4
L3280.0	503281.2	5410640.4	39075.69922	297.23	0	48.848725	-86.955275	56349.91	56243.9	6.12	56356.03	56355.75391	56353.11533	56353.04297	503281.2	5410640.4
L3280.0	503281.2	5410642.4	39075.80078	294.92	0	48.848743	-86.955275	56350.23	56243.9	6.12	56356.35	56356.07813	56353.35076	56353.27734	503281.2	5410642.4
L3280.0	503281.1	5410644.1	39075.89844	293.27	0	48.848758	-86.955276	56350.36	56243.9	6.12	56356.48	56356.21484	56353.48518	56353.41406	503281.1	5410644.1
L3280.0	503281.1	5410644.1	39076.00000	293.51	0	48.848758	-86.955276	56350.21	56243.9	6.12	56356.33	56356.07031	56353.47718	56353.40625	503281.1	5410644.1
L3280.0	503281.1	5410644.1	39076.10156	292.51	0	48.848758	-86.955276	56350.36	56243.9	6.12	56356.49	56356.23438	56353.61313	56353.54297	503281.1	5410644.1
L3280.0	503281.1	5410645.8	39076.19922	293.03	0	48.848774	-86.955276	56350.57	56243.9	6.12	56356.69	56356.44141	56353.76311	56353.69531	503281.1	5410645.8
L3280.0	503281.1	5410647.6	39076.30078	293.21	0	48.848789	-86.955277	56350.87	56243.9	6.13	56357.00	56356.75391	56353.96139	56353.89453	503281.1	5410647.6
L3280.0	503281.0	5410649.0	39076.39844	294.84	0	48.848802	-86.955277	56350.75	56243.9	6.13	56356.87	56356.62891	56353.95338	56353.88672	503281.0	5410649.0
L3280.0	503281.0	5410650.4	39076.50000	294.95	0	48.848815	-86.955277	56350.72	56243.9	6.13	56356.85	56356.61328	56353.99859	56353.92969	503281.0	5410650.4
L3280.0	503281.0	5410650.4	39076.60156	294.74	0	48.848815	-86.955277	56350.85	56243.9	6.13	56356.98	56356.75000	56354.11445	56354.04688	503281.0	5410650.4
L3280.0	503281.0	5410652.2	39076.69922	290.77	0	48.848830	-86.955278	56351.10	56243.9	6.13	56357.23	56357.00391	56354.28798	56354.22266	503281.0	5410652.2
L3280.0	503281.0	5410652.2	39076.80078	289.41	0	48.848830	-86.955278	56351.11	56243.9	6.14	56357.24	56357.01953	56354.35988	56354.29297	503281.0	5410652.2
L3280.0	503280.9	5410654.1	39076.89844	289.99	0	48.848848	-86.955278	56351.13	56243.9	6.14	56357.27	56357.05078	56354.44865	56354.38281	503280.9	5410654.1
L3280.0	503280.9	5410655.9	39077.00000	287.56	0	48.848864	-86.955279	56351.23	56243.9	6.14	56357.37	56357.15625	56354.57690	56354.51172	503280.9	5410655.9
L3280.0	503280.9	5410657.4	39077.10156	288.01	0	48.848877	-86.955279	56351.48	56243.9	6.14	56357.63	56357.42188	56354.78639	56354.72266	503280.9	5410657.4

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L3280.0	503280.9	5410657.4	39077.19922	291.73	0	48.848877	-86.955279	56351.74	56243.9	6.14	56357.88	56357.67578	56355.00442	56354.94141	503280.9	5410657.4
L3280.0	503280.9	5410659.1	39077.30078	292.87	0	48.848893	-86.955280	56351.71	56243.9	6.15	56357.86	56357.66016	56355.11063	56355.04688	503280.9	5410659.1
L3280.0	503280.8	5410660.3	39077.39844	293.16	0	48.848904	-86.955280	56351.71	56243.9	6.15	56357.86	56357.66406	56355.23421	56355.17188	503280.8	5410660.3
L3280.0	503280.8	5410662.3	39077.50000	292.96	0	48.848922	-86.955280	56351.66	56243.8	6.15	56357.81	56357.61719	56355.34081	56355.27734	503280.8	5410662.3
L3280.0	503280.8	5410663.8	39077.60156	292.01	0	48.848935	-86.955280	56351.89	56243.8	6.15	56358.05	56357.85938	56355.59589	56355.53125	503280.8	5410663.8
L3280.0	503280.8	5410663.8	39077.69922	295.30	0	48.848935	-86.955280	56351.92	56243.8	6.15	56358.07	56357.88281	56355.74968	56355.68750	503280.8	5410663.8
L3280.0	503280.8	5410665.8	39077.80078	294.31	0	48.848953	-86.955281	56352.03	56243.8	6.16	56358.18	56357.99609	56355.95492	56355.89063	503280.8	5410665.8
L3280.0	503280.8	5410667.6	39077.89844	294.89	0	48.848969	-86.955281	56352.05	56243.8	6.16	56358.21	56358.02734	56356.12133	56356.05859	503280.8	5410667.6
L3280.0	503280.8	5410667.6	39078.00000	293.20	0	48.848969	-86.955281	56352.28	56243.8	6.16	56358.44	56358.26172	56356.40251	56356.33984	503280.8	5410667.6
L3280.0	503280.7	5410669.3	39078.10156	293.64	0	48.848985	-86.955281	56352.36	56243.8	6.16	56358.51	56358.33594	56356.59682	56356.53516	503280.7	5410669.3
L3280.0	503280.7	5410669.3	39078.19922	295.65	0	48.848985	-86.955281	56352.54	56243.8	6.16	56358.69	56358.51953	56356.85880	56356.79688	503280.7	5410669.3
L3280.0	503280.7	5410671.3	39078.30078	294.32	0	48.849003	-86.955281	56352.73	56243.8	6.16	56358.89	56358.71875	56357.13727	56357.07422	503280.7	5410671.3
L3280.0	503280.7	5410671.3	39078.39844	292.47	0	48.849003	-86.955281	56352.66	56243.8	6.16	56358.82	56358.65234	56357.24179	56357.17969	503280.7	5410671.3
L3280.0	503280.7	5410672.8	39078.50000	293.67	0	48.849016	-86.955281	56352.66	56243.8	6.16	56358.82	56358.65625	56357.38428	56357.32031	503280.7	5410672.8
L3280.0	503280.7	5410674.6	39078.60156	294.93	0	48.849032	-86.955281	56352.50	56243.8	6.15	56358.66	56358.50000	56357.40691	56357.34375	503280.7	5410674.6
L3280.0	503280.7	5410676.2	39078.69922	294.58	0	48.849046	-86.955281	56352.69	56243.8	6.15	56358.84	56358.67969	56357.65977	56357.59375	503280.7	5410676.2
L3280.0	503280.7	5410676.2	39078.80078	296.35	0	48.849046	-86.955281	56352.73	56243.8	6.15	56358.89	56358.73438	56357.96325	56357.89844	503280.7	5410676.2
L3280.0	503280.7	5410677.8	39078.89844	297.50	0	48.849061	-86.955281	56353.07	56243.8	6.15	56359.22	56359.06641	56358.05212	56357.98828	503280.7	5410677.8
L3280.0	503280.8	5410679.8	39079.00000	298.36	0	48.849079	-86.955281	56353.18	56243.8	6.15	56359.33	56359.17578	56358.29848	56358.23438	503280.8	5410679.8
L3280.0	503280.8	5410681.3	39079.10156	297.74	0	48.849093	-86.955281	56353.40	56243.8	6.15	56359.55	56359.39844	56358.42422	56358.35938	503280.8	5410681.3
L3280.0	503280.8	5410681.3	39079.19922	296.10	0	48.849093	-86.955281	56353.32	56243.8	6.15	56359.47	56359.32031	56358.60306	56358.53516	503280.8	5410681.3
L3280.0	503280.8	5410683.3	39079.30078	296.31	0	48.849111	-86.955280	56353.25	56243.8	6.15	56359.40	56359.25000	56358.72523	56358.65625	503280.8	5410683.3
L3280.0	503280.8	5410683.3	39079.39844	297.35	0	48.849111	-86.955280	56353.35	56243.8	6.15	56359.51	56359.36328	56358.82492	56358.75781	503280.8	5410683.3
L3280.0	503280.8	5410684.8	39079.50000	297.27	0	48.849124	-86.955280	56353.57	56243.8	6.15	56359.73	56359.58594	56358.90255	56358.83203	503280.8	5410684.8
L3280.0	503280.8	5410686.3	39079.60156	294.13	0	48.849137	-86.955280	56353.43	56243.8	6.16	56359.58	56359.43750	56358.95952	56358.89063	503280.8	5410686.3
L3280.0	503280.8	5410688.0	39079.69922	293.01	0	48.849153	-86.955280	56353.12	56243.8	6.16	56359.28	56359.13672	56359.04920	56358.97656	503280.8	5410688.0
L3280.0	503280.8	5410689.5	39079.80078	292.12	0	48.849166	-86.955280	56353.84	56243.8	6.16	56359.99	56359.84766	56359.12821	56359.05469	503280.8	5410689.5
L3280.0	503280.8	5410689.5	39079.89844	291.01	0	48.849166	-86.955280	56353.71	56243.8	6.16	56359.87	56359.73047	56359.23940	56359.16797	503280.8	5410689.5
L3280.0	503280.8	5410691.1	39080.00000	299.75	0	48.849181	-86.955280	56353.66	56243.8	6.16	56359.82	56359.67969	56359.32247	56359.25000	503280.8	5410691.1
L3280.0	503280.8	5410693.1	39080.10156	293.19	0	48.849199	-86.955280	56354.09	56243.8	6.16	56360.25	56360.10938	56359.34497	56359.26953	503280.8	5410693.1
L3280.0	503280.8	5410693.1	39080.19922	295.56	0	48.849199	-86.955280	56353.96	56243.8	6.16	56360.12	56359.98047	56359.40968	56359.33203	503280.8	5410693.1
L3280.0	503280.8	5410694.7	39080.30078	301.04	0	48.849213	-86.955280	56353.94	56243.8	6.16	56360.10	56359.96094	56359.41932	56359.33984	503280.8	5410694.7
L3280.0	503280.8	5410694.7	39080.39844	293.91	0	48.849213	-86.955280	56353.98	56243.8	6.16	56360.15	56360.01172	56359.42921	56359.35156	503280.8	5410694.7
L3280.0	503280.8	5410696.9	39080.50000	293.12	0	48.849232	-86.955280	56354.12	56243.8	6.17	56360.28	56360.14063	56359.38334	56359.30078	503280.8	5410696.9
L3280.0	503280.8	5410698.4	39080.60156	297.23	0	48.849246	-86.955280	56353.89	56243.8	6.17	56360.05	56359.91406	56359.47903	56359.39844	503280.8	5410698.4
L3280.0	503280.8	5410698.4	39080.69922	298.66	0	48.849246	-86.955280	56354.02	56243.8	6.17	56360.18	56360.04297	56359.44300	56359.35938	503280.8	5410698.4
L3280.0	503280.8	5410700.2	39080.80078	298.03	0	48.849262	-86.955279	56354.09	56243.8	6.17	56360.25	56360.11328	56359.47932	56359.39453	503280.8	5410700.2
L3280.0	503280.9	5410701.9	39080.89844	289.00	0	48.849278	-86.955279	56354.16	56243.8	6.17	56360.33	56360.19141	56359.52005	56359.43359	503280.9	5410701.9
L3280.0	503280.9	5410701.9	39081.00000	291.31	0	48.849278	-86.955279	56354.32	56243.8	6.17	56360.49	56360.35156	56359.48020	56359.39063	503280.9	5410701.9
L3280.0	503280.8	5410703.7	39081.10156	294.33	0	48.849294	-86.955279	56354.22	56243.8	6.17	56360.39	56360.25000	56359.57319	56359.48047	503280.8	5410703.7
L3280.0	503280.9	5410705.8	39081.19922	293.28	0	48.849313	-86.955279	56354.17	56243.8	6.17	56360.34	56360.20313	56359.61365	56359.51953	503280.9	5410705.8
L3280.0	503280.9	5410705.8	39081.30078	292.13	0	48.849313	-86.955279	56354.12	56243.8	6.17	56360.28	56360.14063	56359.72475	56359.62891	503280.9	5410705.8
L3280.0	503280.9	5410707.1	39081.39844	301.40	0	48.849325	-86.955279	56354.24	56243.8	6.17	56360.41	56360.26953	56359.78214	56359.68359	503280.9	5410707.1
L3280.0	503280.9	5410708.8	39081.50000	294.40	0	48.849340	-86.955279	56354.47	56243.8	6.17	56360.64	56360.50000	56359.82016	56359.72266	503280.9	5410708.8
L3280.0	503280.9	5410708.8	39081.60156	294.98	0	48.849340	-86.955279	56354.73	56243.8	6.16	56360.89	56360.75000	56360.02446	56359.92188	503280.9	5410708.8
L3280.0	503280.9	5410710.8	39081.69922	295.38	0	48.849358	-86.955279	56354.90	56243.8	6.16	56361.07	56360.92578	56360.17960	56360.07422	503280.9	5410710.8
L3280.0	503280.9	5410712.3	39081.80078	292.92	0	48.849371	-86.955279	56354.96	56243.8	6.16	56361.12	56360.97656	56360.24176	56360.13672	503280.9	5410712.3
L3280.0	503280.9	5410712.3	39081.89844	293.49	0	48.849371	-86.955279	56355.01	56243.8	6.16	56361.17	56361.02734	56360.30509	56360.19531	503280.9	5410712.3
L3280.0	503280.9	5410714.1	39082.00000	294.46	0	48.849387	-86.955278	56355.04	56243.8	6.16	56361.20	56361.05469	56360.35568	56360.24609	503280.9	5410714.1
L3280.0	503280.9	5410715.8	39082.10156	295.19	0	48.849403	-86.955278	56354.83	56243.8	6.16	56360.99	56360.84375	56360.23248	56360.11719	503280.9	5410715.8
L3280.0	503281.0	5410717.1	39082.19922	297.44	0	48.849414	-86.955277	56354.98	56243.8	6.16	56361.14	56360.99219	56360.37288	56360.25781	503281.0	5410717.1
L3280.0	503281.0	5410717.1	39082.30078	298.23	0	48.849414	-86.955277	56355.09	56243.8	6.16	56361.24	56361.08984	56360.39418	56360.27344	503281.0	5410717.1
L3280.0	503281.0	5410718.8	39082.39844	298.76	0	48.849430	-86.955277	56355.18	56243.8	6.16	56361.34	56361.18750	56360.37190	56360.25000	503281.0	5410718.8
L3280.0	503281.0	5410720.3	39082.50000	297.03	0	48.849443	-86.955276	56354.98	56243.8	6.16	56361.13	56360.97656	56360.55103	56360.42578	503281.0	5410720.3
L3280.0	503281.0	5410720.3	39082.60156	296.21	0	48.849443	-86.955276	56355.01	56243.8	6.15	56361.16	56361.00391	56360.54666	56360.41797	503281.0	5410720.3
L3280.0	503281.1	5410722.2	39082.69922	297.49	0	48.849460	-86.955276	56355.09	56243.8	6.15	56361.24	56361.08203	56360.53910	56360.41016	503281.1	5410722.2
L3280.0	503281.1	5410723.7	39082.80078	296.76	0	48.849474	-86.955275	56355.08	56243.8	6.15	56361.23	56361.07031	56360.56988	56360.43750	503281.1	5410723.7
L3280.0	503281.2	5410725.2	39082.89844	295.32	0	48.849487	-86.955275	56354.88	56243.8	6.15	56361.03	56360.87109	56360.77916	56360.64063	503281.2	5410725.2
L3280.0	503281.2	5410725.2	39083.00000	295.71	0	48.849487	-86.955275	56355.26	56243.8	6.15	56361.41	56361.24609	56360.59716	56360.45703	503281.2	5410725.2
L3280.0	503281.2	5410726.9	39083.10156	295.49	0	48.849503	-86.955274	56355.16	56243.9	6.15	56361.31	56361.14453	56360.78298	56360.64063	503281.2	5410726.9
L3280.0	503281.2	5410726.9	39083.19922	295.66	0	48.849503	-86.955274	56355.18	56243.9	6.15	56361.33	56361.16406	56360.89027	56360.74219	503281.2	5410726.9
L3280.0	503281.2	5410729.2	39083.30078	295.19	0	48.849523	-86.955274	56355.57	56243.9	6.14	56361.71	56361.53906	56360.68981	56360.53906	503281.2	5410729.2
L3280.0	503281.3	5410730.9	39083.39844	295.35	0	48.849538	-86.955273	56355.24	56243.9	6.14	56361.38	56361.20703	56360.81537	56360.66016	503281.3	5410730.9
L3280.0	503281.3	5410732.2	39083.50000	297.47	0	48.849550	-86.955273	56355.55	56243.9	6.14	56361.69	56361.51563	56361.04751	56360.89063	503281.3	5410732.2
L3280.0	503281.3	5410732.2	39083.60156	298.45	0	48.849550	-86.955273	56355.49	56243.9	6.14	56361.63	56361.45313	56361.00938	56360.84766	503281.3	5410732.2
L3280.0	503281.3	5410733.8	39083.69922	297.69	0	48.849565	-86.955273	56355.39	56243.9	6.14	56361.52	56361.33984	56360.93571	56360.76953	503281.3	5410733.8
L3280.0	503281.3	5410735.6	39083.80078	295.95	0	48.849581	-86.955272	56355.65	56243.9	6.13	56361.78	56361.59766	56361.11868	56360.94922	503281.3	5410735.6
L3280.0	503281.3	5410735.6	39083.89844	295.29	0	48.849581	-86.955272	56355.70	56243.9	6.13	56361.83	56361.64453	56361.15217	56360.98047	503281.3	5410735.6
L3280.0	503281.4	5410737.5	39084.00000	296.63	0	48.849598	-86.955272	56355.47	56243.9	6.13	56361.60	56361.41016	56360.99825	56360.82031	503281.4	5410737.5
L3280.0	503281.4	5410738.7	39084.10156	295.38	0	48.849609	-86.955272	56355.75	56243.9	6.13	56361.87	56361.67969	56361.17575	56360.99609	503281.4	5410738.7
L3280.0	503281.4	5410740.2	39084.19922	295.62	0	48.849622	-86.955271	56355.72	56243.9	6.13	56361.85	56361.65625	56361.16243	56360.97656	503281.4	5410740.2
L3280.0	503281.4	5410740.2	39084.30078	294.79	0	48.849622	-86.955271	56355.49	56243.9	6.12	56361.61	56361.41406	56361.01606	56360.82422	503281.4	5410740.2
L3280.0	503281.4	5410742.2	39084.39844	294.98	0	48.849640	-86.955271	56355.52	56243.9	6.12	56361.64	56361.44141	56361.04233	56360.84766	503281.4	5410742.2
L3280.0	503281.5	5410743.6	39084.50000	296.56	0	48.849653	-86.955271	56355.49	56243.9	6.12	56361.61	56361.40625	56361.03594	56360.83594	503281.5	5410743.6
L3280.0	503281.5	5410743.6	39084.60156	294.26	0	48.849653	-86.955271	56355.67	56243.9	6.12	56361.79	56361.58203	56361.15305	56360.94922	503281.5	5410743.6
L3280.0	503281.5	5410745.2	39084.69922	291.99	0	48.849667	-86.955270	56355.44	56243.9	6.12	56361.56	56361.35156	56361.04245	56360.83594	503281.5	5410745.2
L3280.0	503281.5	5410746.7	39084.80078	293.05	0	48.849681	-86.955270	56355.92	56243.9	6.11	56362.04	56361.82813	56361.32215	56361.10938	503281.5	5410746.7
L3280.0	503281.5	5410746.7	39084.89844	294.85	0	48.849681	-86.955270	56356.00	56243.9	6.11	56362.12	56361.90234	56361.38321	56361.16406	503281.5	5410746.7
L3280.0	503281.5	5410750.0	39085.00000	294.02	0	48.849711	-86.955270	56356.00	56243.9	6.11	56362.11	56361.89063	56361.40089	56361.17969	503281.5	5410750.0
L3280.0	503281.5	5410750.0	39085.10156	293.05	0	48.849711	-86.955270	56356.08	56243.9	6.11	56362.19	56361.96484	56361.46728	56361.23828	503281.5	5410750.0
L3280.0	503281.5	5410751.3	39085.19922	294.03	0	48.849722	-86.955270	56355.70	56243.9	6.11	56361.81	56361.58203	56361.31787	56361.08594	503281.5	5410751.3
L3280.0	503281.5	5410752.7	39085.30078	293.35	0	48.849734	-86.955270	56356.18	56243.9	6.11	56362.29	56362.05859	56361.58003	56361.34375	503281.5	5410752.7
L3280.0	503281.5	5410752.7	39085.39844	291.70	0	48.849734	-86.955270	56356.11	56243.9	6.11	56362.22	56361.98438	56361.58731	56361.34375	503281.5	5410752.7
L3280.0	503281.5	5410754.6	39085.50000	289.71	0	48.849751	-86.955270	56356.00	56243.9	6.11	56362.11	56361.87109	56361.58258	56361.33594	503281.5	5410754.6
L3280.0	503281.5	5410756.3	39085.60156	290.63	0	48.849767	-86.955270	56356.18	56243.9	6.11	56362.29	56362.04688	56361.71013	56361.45703	503281.5	5410756.3
L3280.0	503281.4	5410757.9	39085.69922	291.20	0	48.849782	-86.955271	56356.03	56243.9	6.11	56362.14	56361.89453	56361.69736	56361.43750	503281.4	5410757.9
L3280.0	503281.4	5410757.9	39085.80078	291.31	0	48.849782	-86.955271	56356.00	56243.9	6.11	56362.11	56361.85938	56361.74101	56361.47656	503281.4	5410757.9
L3280.0	503281.4	5410759.9	39085.89844	292.26	0	48.849800	-86.955271	56356.18	56243.9	6.11	56362.29	56362.03516	56361.87679	56361.60938	503281.4	5410759.9
L3280.0	503281.4	5410759.9	39086.00000	293.83	0	48.849800	-86.955271	56355.90	56243.9	6.11	56362.01	56361.75000	56361.82265	56361.54688	503281.4	5410759.9
L3280.0	503281.4	5410762.1	39086.10156	295.34	0	48.849819	-86.955272	56356.26	56243.9	6.11	56362.37	56362.10547	56362.03839	56361.75781	503281.4	5410762.1
L3280.0	503281.3	5410763.4	39086.19922	294.99	0	48.849831	-86.955272	56356.46	56243.9	6.11	56362.57	56362.30078	56362.18883	56361.90234	503281.3	5410763.4
L3280.0	503281.3	5410763.4	39086.30078	294.50	0	48.849831	-86.955272	56356.54	56243.9	6.12	56362.65	56362.37891	56362.29155	56362.00000	503281.3	5410763.4
L3280.0	503281.3	5410764.9	39086.39844	293.71	0	48.849845	-86.955272	56356.74	56243.9	6.12	56362.86	56362.58203	56362.44850	56362.15234	503281.3	5410764.9

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L3280.0	503281.3	5410766.4	39086.50000	296.01	0	48.849858	-86.955272	56356.57	56243.9	6.12	56362.69	56362.41016	56362.45368	56362.15234	503281.3	5410766.4
L3280.0	503281.3	5410766.4	39086.60156	293.25	0	48.849858	-86.955272	56356.84	56243.9	6.12	56362.96	56362.67578	56362.63660	56362.32813	503281.3	5410766.4
L3280.0	503281.3	5410768.8	39086.69922	292.63	0	48.849880	-86.955272	56357.13	56243.9	6.12	56363.25	56362.96094	56362.82709	56362.51172	503281.3	5410768.8
L3280.0	503281.3	5410770.4	39086.80078	294.56	0	48.849894	-86.955272	56357.25	56243.9	6.13	56363.38	56363.08594	56362.95472	56362.63281	503281.3	5410770.4
L3280.0	503281.3	5410770.4	39086.89844	294.29	0	48.849894	-86.955272	56357.02	56243.9	6.13	56363.15	56362.85156	56362.94361	56362.61719	503281.3	5410770.4
L3280.0	503281.3	5410772.1	39087.00000	293.83	0	48.849909	-86.955272	56357.23	56243.9	6.13	56363.36	56363.05859	56363.10466	56362.77344	503281.3	5410772.1
L3280.0	503281.4	5410774.1	39087.10156	292.60	0	48.849927	-86.955272	56357.36	56243.9	6.13	56363.48	56363.17188	56363.23184	56362.89453	503281.4	5410774.1
L3280.0	503281.4	5410774.1	39087.19922	292.27	0	48.849927	-86.955272	56357.51	56243.9	6.13	56363.64	56363.32813	56363.37577	56363.03125	503281.4	5410774.1
L3280.0	503281.4	5410775.6	39087.30078	293.94	0	48.849941	-86.955271	56357.33	56243.9	6.13	56363.46	56363.14453	56363.38794	56363.03516	503281.4	5410775.6
L3280.0	503281.4	5410776.9	39087.39844	294.05	0	48.849953	-86.955271	56357.43	56243.9	6.13	56363.56	56363.23828	56363.50982	56363.15234	503281.4	5410776.9
L3280.0	503281.4	5410776.9	39087.50000	291.60	0	48.849953	-86.955271	56357.74	56243.9	6.13	56363.87	56363.54297	56363.71784	56363.35547	503281.4	5410776.9
L3280.0	503281.4	5410780.3	39087.60156	291.26	0	48.849983	-86.955271	56357.41	56243.9	6.12	56363.53	56363.19922	56363.66088	56363.28906	503281.4	5410780.3
L3280.0	503281.4	5410780.3	39087.69922	292.47	0	48.849983	-86.955271	56357.51	56243.9	6.12	56363.63	56363.29297	56363.78301	56363.40625	503281.4	5410780.3
L3280.0	503281.4	5410780.3	39087.80078	291.51	0	48.849983	-86.955271	56357.69	56243.9	6.12	56363.81	56363.46875	56363.94047	56363.55859	503281.4	5410780.3
L3280.0	503281.5	5410782.4	39087.89844	291.61	0	48.850002	-86.955270	56358.12	56243.9	6.12	56364.24	56363.89453	56364.21238	56363.82031	503281.5	5410782.4
L3280.0	503281.5	5410783.9	39088.00000	292.42	0	48.850015	-86.955270	56358.20	56243.9	6.12	56364.32	56363.96875	56364.33114	56363.93359	503281.5	5410783.9
L3280.0	503281.5	5410785.3	39088.10156	293.67	0	48.850028	-86.955270	56358.09	56243.9	6.12	56364.21	56363.85547	56364.35871	56363.95703	503281.5	5410785.3
L3280.0	503281.5	5410785.3	39088.19922	292.90	0	48.850028	-86.955270	56358.48	56243.9	6.12	56364.60	56364.23828	56364.62543	56364.21484	503281.5	5410785.3
L3280.0	503281.5	5410788.3	39088.30078	293.32	0	48.850055	-86.955270	56358.31	56243.9	6.12	56364.43	56364.06641	56364.61696	56364.19922	503281.5	5410788.3
L3280.0	503281.5	5410788.3	39088.39844	295.72	0	48.850055	-86.955270	56358.40	56243.9	6.12	56364.52	56364.14844	56364.73548	56364.31250	503281.5	5410788.3
L3280.0	503281.5	5410789.8	39088.50000	296.03	0	48.850068	-86.955270	56358.38	56243.9	6.12	56364.50	56364.12500	56364.79455	56364.36328	503281.5	5410789.8
L3280.0	503281.5	5410789.8	39088.60156	295.85	0	48.850068	-86.955270	56358.82	56243.9	6.12	56364.94	56364.55859	56365.10237	56364.66406	503281.5	5410789.8
L3280.0	503281.5	5410792.0	39088.69922	294.08	0	48.850089	-86.955270	56358.99	56243.9	6.12	56365.11	56364.72266	56365.26741	56364.82422	503281.5	5410792.0
L3280.0	503281.4	5410793.5	39088.80078	294.77	0	48.850102	-86.955270	56358.93	56243.9	6.12	56365.05	56364.66016	56365.30231	56364.85156	503281.4	5410793.5
L3280.0	503281.4	5410795.1	39088.89844	295.83	0	48.850116	-86.955270	56359.30	56243.9	6.12	56365.42	56365.02344	56365.58440	56365.12500	503281.4	5410795.1
L3280.0	503281.4	5410795.1	39089.00000	295.57	0	48.850116	-86.955270	56359.44	56243.9	6.12	56365.56	56365.16016	56365.73590	56365.27344	503281.4	5410795.1
L3280.0	503281.4	5410796.7	39089.10156	295.30	0	48.850131	-86.955271	56359.40	56243.9	6.12	56365.52	56365.11328	56365.78124	56365.30859	503281.4	5410796.7
L3280.0	503281.4	5410798.0	39089.19922	293.56	0	48.850142	-86.955271	56359.24	56243.9	6.13	56365.37	56364.95703	56365.76066	56365.28125	503281.4	5410798.0
L3280.0	503281.4	5410798.0	39089.30078	295.20	0	48.850142	-86.955271	56359.63	56243.9	6.13	56365.76	56365.34375	56366.06779	56365.58203	503281.4	5410798.0
L3280.0	503281.4	5410799.5	39089.39844	293.91	0	48.850156	-86.955271	56359.47	56243.9	6.13	56365.60	56365.17969	56366.04604	56365.55469	503281.4	5410799.5
L3280.0	503281.4	5410801.3	39089.50000	293.42	0	48.850172	-86.955271	56359.68	56243.9	6.14	56365.82	56365.39453	56366.25760	56365.75781	503281.4	5410801.3
L3280.0	503281.3	5410802.9	39089.60156	291.34	0	48.850186	-86.955272	56359.93	56243.9	6.14	56366.07	56365.63672	56366.49047	56365.98438	503281.3	5410802.9
L3280.0	503281.3	5410802.9	39089.69922	293.83	0	48.850186	-86.955272	56360.34	56243.9	6.14	56366.48	56366.04297	56366.82159	56366.30859	503281.3	5410802.9
L3280.0	503281.3	5410804.7	39089.80078	293.75	0	48.850202	-86.955272	56360.37	56243.9	6.14	56366.51	56366.06641	56366.92803	56366.41016	503281.3	5410804.7
L3280.0	503281.3	5410806.3	39089.89844	294.33	0	48.850217	-86.955272	56360.32	56243.9	6.15	56366.47	56366.02344	56366.99658	56366.47266	503281.3	5410806.3
L3280.0	503281.3	5410808.2	39090.00000	291.25	0	48.850234	-86.955273	56360.72	56243.8	6.15	56366.87	56366.41797	56367.32597	56366.79297	503281.3	5410808.2
L3280.0	503281.3	5410808.2	39090.10156	290.52	0	48.850234	-86.955273	56360.98	56243.8	6.15	56367.13	56366.67188	56367.57365	56367.03516	503281.3	5410808.2
L3280.0	503281.2	5410809.7	39090.19922	291.95	0	48.850248	-86.955273	56361.31	56243.8	6.15	56367.46	56366.99609	56367.86258	56367.31641	503281.2	5410809.7
L3280.0	503281.2	5410809.7	39090.30078	294.79	0	48.850248	-86.955273	56361.21	56243.8	6.15	56367.37	56366.90234	56367.90902	56367.35547	503281.2	5410809.7
L3280.0	503281.2	5410811.2	39090.39844	292.28	0	48.850261	-86.955273	56361.46	56243.8	6.15	56367.62	56367.14453	56368.15337	56367.59375	503281.2	5410811.2
L3280.0	503281.2	5410813.2	39090.50000	293.22	0	48.850279	-86.955274	56361.49	56243.8	6.15	56367.65	56367.17188	56368.27180	56367.70703	503281.2	5410813.2
L3280.0	503281.2	5410815.0	39090.60156	295.36	0	48.850295	-86.955274	56362.05	56243.8	6.16	56368.20	56367.71484	56368.69132	56368.12109	503281.2	5410815.0
L3280.0	503281.2	5410815.0	39090.69922	297.46	0	48.850295	-86.955274	56362.21	56243.8	6.16	56368.36	56367.87109	56368.88742	56368.30859	503281.2	5410815.0
L3280.0	503281.1	5410816.7	39090.80078	297.50	0	48.850311	-86.955274	56362.34	56243.8	6.16	56368.49	56367.99609	56369.06792	56368.48438	503281.1	5410816.7
L3280.0	503281.1	5410817.9	39090.89844	295.06	0	48.850322	-86.955275	56362.48	56243.8	6.16	56368.64	56368.14063	56369.26189	56368.67188	503281.1	5410817.9
L3280.0	503281.1	5410819.6	39091.00000	295.91	0	48.850336	-86.955275	56362.84	56243.8	6.16	56369.00	56368.49609	56369.57906	56368.98047	503281.1	5410819.6
L3280.0	503281.1	5410819.6	39091.10156	295.37	0	48.850336	-86.955275	56363.18	56243.8	6.16	56369.34	56368.82813	56369.88737	56369.28516	503281.1	5410819.6
L3280.0	503281.1	5410821.4	39091.19922	293.34	0	48.850353	-86.955275	56362.92	56243.8	6.16	56369.08	56368.56250	56369.85678	56369.24609	503281.1	5410821.4
L3280.0	503281.1	5410822.9	39091.30078	291.91	0	48.850366	-86.955275	56363.25	56243.8	6.16	56369.41	56368.89063	56370.16798	56369.55078	503281.1	5410822.9
L3280.0	503281.1	5410822.9	39091.39844	293.49	0	48.850366	-86.955275	56363.40	56243.8	6.16	56369.57	56369.04297	56370.38825	56369.76563	503281.1	5410822.9
L3280.0	503281.1	5410822.9	39091.50000	294.33	0	48.850366	-86.955275	56364.07	56243.8	6.17	56370.23	56369.69922	56370.89130	56370.26563	503281.1	5410822.9
L3280.0	503281.0	5410826.5	39091.60156	293.87	0	48.850399	-86.955276	56364.22	56243.8	6.17	56370.39	56369.85547	56371.12137	56370.48828	503281.0	5410826.5
L3280.0	503281.0	5410826.5	39091.69922	293.94	0	48.850399	-86.955276	56364.40	56243.8	6.17	56370.57	56370.02734	56371.36970	56370.73047	503281.0	5410826.5
L3280.0	503281.0	5410828.2	39091.80078	294.98	0	48.850414	-86.955276	56364.56	56243.8	6.17	56370.72	56370.17188	56371.61007	56370.96484	503281.0	5410828.2
L3280.0	503281.0	5410830.0	39091.89844	295.17	0	48.850430	-86.955276	56365.11	56243.8	6.17	56371.28	56370.72656	56372.06563	56371.41797	503281.0	5410830.0
L3280.0	503281.0	5410831.4	39092.00000	296.96	0	48.850443	-86.955276	56365.12	56243.8	6.17	56371.29	56370.73438	56372.24741	56371.59375	503281.0	5410831.4
L3280.0	503281.0	5410831.4	39092.10156	294.95	0	48.850443	-86.955276	56365.22	56243.8	6.17	56371.39	56370.82813	56372.48384	56371.82422	503281.0	5410831.4
L3280.0	503281.0	5410833.1	39092.19922	295.13	0	48.850458	-86.955276	56366.01	56243.8	6.17	56372.18	56371.61328	56373.04582	56372.38281	503281.0	5410833.1
L3280.0	503281.0	5410834.4	39092.30078	293.98	0	48.850470	-86.955276	56366.04	56243.8	6.18	56372.21	56371.64063	56373.25541	56372.58594	503281.0	5410834.4
L3280.0	503281.0	5410836.0	39092.39844	291.56	0	48.850484	-86.955276	56366.44	56243.8	6.18	56372.62	56372.04297	56373.63607	56372.96094	503281.0	5410836.0
L3280.0	503281.0	5410836.0	39092.50000	291.09	0	48.850484	-86.955276	56366.29	56243.8	6.18	56372.47	56371.89063	56373.77356	56373.09375	503281.0	5410836.0
L3280.0	503281.0	5410837.3	39092.60156	293.77	0	48.850496	-86.955276	56366.83	56243.8	6.18	56373.01	56372.42578	56374.20281	56373.51953	503281.0	5410837.3
L3280.0	503281.0	5410839.1	39092.69922	293.33	0	48.850512	-86.955276	56367.26	56243.8	6.18	56373.44	56372.85156	56374.57960	56373.89063	503281.0	5410839.1
L3280.0	503281.0	5410839.1	39092.80078	292.09	0	48.850512	-86.955276	56367.70	56243.8	6.19	56373.88	56373.28516	56374.95585	56374.26563	503281.0	5410839.1
L3280.0	503281.0	5410840.9	39092.89844	291.11	0	48.850529	-86.955276	56367.59	56243.8	6.19	56373.78	56373.17969	56375.09618	56374.40234	503281.0	5410840.9
L3280.0	503281.0	5410842.5	39093.00000	291.85	0	48.850543	-86.955275	56368.10	56243.8	6.19	56374.29	56373.68750	56375.49119	56374.79297	503281.0	5410842.5
L3280.0	503281.0	5410842.5	39093.10156	292.47	0	48.850543	-86.955275	56368.36	56243.8	6.19	56374.55	56373.94141	56375.77085	56375.07031	503281.0	5410842.5
L3280.0	503281.1	5410844.5	39093.19922	292.86	0	48.850561	-86.955275	56368.71	56243.8	6.19	56374.91	56374.29688	56376.08937	56375.38281	503281.1	5410844.5
L3280.0	503281.1	5410846.0	39093.30078	291.43	0	48.850574	-86.955275	56369.27	56243.8	6.19	56375.47	56374.85156	56376.50237	56375.79297	503281.1	5410846.0
L3280.0	503281.1	5410847.6	39093.39844	291.41	0	48.850589	-86.955275	56369.18	56243.8	6.19	56375.37	56374.75000	56376.57573	56375.86328	503281.1	5410847.6
L3280.0	503281.1	5410847.6	39093.50000	293.33	0	48.850589	-86.955275	56369.71	56243.8	6.19	56375.90	56375.27344	56376.96589	56376.25000	503281.1	5410847.6
L3280.0	503281.1	5410848.7	39093.60156	292.93	0	48.850598	-86.955275	56370.02	56243.8	6.20	56376.21	56375.58203	56377.23263	56376.51563	503281.1	5410848.7
L3280.0	503281.1	5410850.2	39093.69922	290.95	0	48.850612	-86.955275	56370.50	56243.8	6.20	56376.70	56376.06641	56377.60128	56376.88281	503281.1	5410850.2
L3280.0	503281.1	5410850.2	39093.80078	295.14	0	48.850612	-86.955275	56370.93	56243.8	6.20	56377.13	56376.49219	56377.93401	56377.21094	503281.1	5410850.2
L3280.0	503281.1	5410851.7	39093.89844	295.87	0	48.850625	-86.955275	56371.60	56243.8	6.20	56377.80	56377.15625	56378.43211	56377.70703	503281.1	5410851.7
L3280.0	503281.1	5410853.4	39094.00000	296.60	0	48.850640	-86.955275	56371.44	56243.8	6.20	56377.64	56376.99609	56378.53129	56377.80469	503281.1	5410853.4
L3280.0	503281.1	5410854.9	39094.10156	296.11	0	48.850654	-86.955275	56371.52	56243.8	6.20	56377.72	56377.07031	56378.80945	56378.08203	503281.1	5410854.9
L3280.0	503281.1	5410854.9	39094.19922	297.15	0	48.850654	-86.955275	56372.11	56243.8	6.20	56378.31	56377.65625	56378.96022	56378.23047	503281.1	5410854.9
L3280.0	503281.1	5410856.9	39094.30078	297.33	0	48.850672	-86.955275	56372.64	56243.8	6.20	56378.84	56378.18359	56379.28422	56378.55469	503281.1	5410856.9
L3280.0	503281.1	5410858.9	39094.39844	299.80	0	48.850690	-86.955275	56373.20	56243.8	6.20	56379.40	56378.73828	56379.65951	56378.92969	503281.1	5410858.9
L3280.0	503281.1	5410858.9	39094.50000	297.55	0	48.850690	-86.955275	56373.56	56243.8	6.20	56379.76	56379.09766	56379.97478	56379.24219	503281.1	5410858.9
L3280.0	503281.1	5410860.6	39094.60156	296.21	0	48.850705	-86.955275	56374.43	56243.8	6.20	56380.63	56379.96094	56380.65805	56379.92578	503281.1	5410860.6
L3280.0	503281.1	5410862.1	39094.69922	297.62	0	48.850719	-86.955275	56374.76	56243.8	6.20	56380.96	56380.28906	56380.96000	56380.22656	503281.1	5410862.1
L3280.0	503281.1	5410862.1	39094.80078	298.45	0	48.850719	-86.955275	56375.12	56243.8	6.20	56381.32	56380.64453	56381.14880	56380.41797	503281.1	5410862.1
L3280.0	503281.0	5410864.1	39094.89844	298.05	0	48.850737	-86.955275	56375.58	56243.8	6.20	56381.78	56381.10156	56381.99466	56381.26172	503281.0	5410864.1
L3280.0	503281.0	5410865.3	39095.00000	296.95	0	48.850748	-86.955276	56375.81	56243.8	6.20	56382.01	56381.33203	56381.19314	56380.46094	503281.0	5410865.3
L3280.0	503281.0	5410866.9	39095.10156	297.89	0	48.850762	-86.955276	56376.45	56243.8	6.20	56382.65	56381.96875	56383.04716	56382.31641	503281.0	5410866.9
L3280.0	503281.0	5410866.9	39095.19922	298.69	0	48.850762	-86.955276	56376.82	56243.8	6.20	56383.03	56382.34375	56382.37998	56381.65234	503281.0	5410866.9
L3280.0	503280.9	5410868.9	39095.30078	297.70	0	48.850780	-86.955277	56377.49	56243.8	6.21	56383.69	56383.00000	56383.88821	56383.16016	503280.9	5410868.9
L3280.0	503280.9	5410870.7	39095.39844	298.97	0	48.850796	-86.955277	56378.00	56243.8	6.21	56384.21	56383.51953	56384.21000	56383.48438	503280.9	5410870.7
L3280.0	503280.9	5410870.7	39095.50000	301.79	0	48.850796	-86.955277	56378.82	56243.8	6.21	56385.03	56384.33594	56385.05616	56384.33203	503280.9	5410870.7
L3280.0	503280.8	5410872.1	39095.60156	301.38	0	48.850809	-86.955278	56378.79	56243.8	6.21	56385.00	56384.30469	56385.28194	56384.55859	503280.8	5410872.1
L3280.0	503280.8	5410873.9	39095.69922	300.35	0	48.850825	-86.955279	56379.38	56243.8	6.21	56385.59	56384.89063	56386.02311	56385.30469	503280.8	5410873.9

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L3280.0	503280.7	5410875.7	39095.80078	298.15	0	48.850841	-86.955280	56380.27	56243.8	6.22	56386.49	56385.78906	56386.85142	56386.13281	503280.7	5410875.7
L3280.0	503280.7	5410875.7	39095.89844	298.14	0	48.850841	-86.955280	56381.04	56243.8	6.22	56387.26	56386.55859	56387.54433	56386.83203	503280.7	5410875.7
L3280.0	503280.7	5410877.2	39096.00000	296.72	0	48.850855	-86.955280	56381.39	56243.8	6.22	56387.61	56386.90625	56388.30909	56387.59766	503280.7	5410877.2
L3280.0	503280.7	5410877.2	39096.10156	295.74	0	48.850855	-86.955280	56381.81	56243.8	6.22	56388.03	56387.32422	56388.80172	56388.09375	503280.7	5410877.2
L3280.0	503280.6	5410879.2	39096.19922	294.25	0	48.850873	-86.955281	56382.57	56243.8	6.22	56388.79	56388.08203	56389.63222	56388.92969	503280.6	5410879.2
L3280.0	503280.6	5410881.0	39096.30078	294.12	0	48.850889	-86.955282	56383.48	56243.8	6.23	56389.71	56389.00000	56390.54884	56389.84766	503280.6	5410881.0
L3280.0	503280.6	5410881.0	39096.39844	292.44	0	48.850889	-86.955282	56384.00	56243.8	6.23	56390.22	56389.50781	56391.19249	56390.49609	503280.6	5410881.0
L3280.0	503280.5	5410884.2	39096.50000	291.26	0	48.850918	-86.955283	56384.71	56243.8	6.23	56390.94	56390.22656	56391.95690	56391.26563	503280.5	5410884.2
L3280.0	503280.5	5410884.2	39096.60156	290.62	0	48.850918	-86.955283	56385.33	56243.8	6.23	56391.56	56390.84766	56392.65574	56391.96875	503280.5	5410884.2
L3280.0	503280.5	5410886.8	39096.69922	290.33	0	48.850941	-86.955283	56385.81	56243.8	6.23	56392.05	56391.33594	56393.28263	56392.60156	503280.5	5410886.8
L3280.0	503280.5	5410886.8	39096.80078	290.31	0	48.850941	-86.955283	56386.42	56243.8	6.24	56392.66	56391.94531	56393.96360	56393.28906	503280.5	5410886.8
L3280.0	503280.4	5410888.2	39096.89844	291.20	0	48.850953	-86.955283	56387.09	56243.8	6.24	56393.32	56392.60547	56394.65658	56393.98438	503280.4	5410888.2
L3280.0	503280.4	5410889.8	39097.00000	289.49	0	48.850968	-86.955283	56388.21	56243.8	6.24	56394.45	56393.73438	56395.54572	56394.87891	503280.4	5410889.8
L3280.0	503280.4	5410889.8	39097.10156	291.69	0	48.850968	-86.955283	56388.70	56243.8	6.24	56394.93	56394.21094	56396.12929	56395.46875	503280.4	5410889.8
L3280.0	503280.4	5410891.5	39097.19922	292.90	0	48.850983	-86.955283	56389.31	56243.8	6.24	56395.55	56394.83203	56396.76093	56396.10938	503280.4	5410891.5
L3280.0	503280.4	5410891.5	39097.30078	293.01	0	48.850983	-86.955283	56390.15	56243.8	6.24	56396.39	56395.67188	56397.47839	56396.83203	503280.4	5410891.5
L3280.0	503280.5	5410893.2	39097.39844	293.49	0	48.850999	-86.955283	56390.92	56243.8	6.24	56397.16	56396.44141	56398.15386	56397.51563	503280.5	5410893.2
L3280.0	503280.5	5410894.4	39097.50000	293.98	0	48.851010	-86.955283	56391.48	56243.8	6.24	56397.72	56397.00000	56398.71315	56398.08203	503280.5	5410894.4
L3280.0	503280.5	5410896.4	39097.60156	295.11	0	48.851027	-86.955283	56392.16	56243.8	6.24	56398.40	56397.67969	56399.31889	56398.69531	503280.5	5410896.4
L3280.0	503280.5	5410896.4	39097.69922	294.75	0	48.851027	-86.955283	56392.81	56243.8	6.24	56399.04	56398.32031	56399.88978	56399.27344	503280.5	5410896.4
L3280.0	503280.5	5410897.8	39097.80078	293.53	0	48.851040	-86.955283	56393.70	56243.8	6.24	56399.94	56399.22266	56400.61489	56400.00391	503280.5	5410897.8
L3280.0	503280.5	5410899.4	39097.89844	295.69	0	48.851054	-86.955282	56394.52	56243.8	6.24	56400.76	56400.04297	56401.29864	56400.69531	503280.5	5410899.4
L3280.0	503280.5	5410900.8	39098.00000	294.71	0	48.851067	-86.955282	56395.23	56243.8	6.24	56401.47	56400.75391	56401.91812	56401.32422	503280.5	5410900.8
L3280.0	503280.5	5410900.8	39098.10156	293.94	0	48.851067	-86.955282	56395.92	56243.8	6.24	56402.16	56401.44141	56402.56880	56401.98438	503280.5	5410900.8
L3280.0	503280.5	5410902.5	39098.19922	294.19	0	48.851083	-86.955282	56396.73	56243.8	6.24	56402.97	56402.25391	56403.19565	56402.62109	503280.5	5410902.5
L3280.0	503280.6	5410903.8	39098.30078	295.43	0	48.851094	-86.955282	56397.40	56243.8	6.24	56403.64	56402.92578	56403.81516	56403.25000	503280.6	5410903.8
L3280.0	503280.6	5410905.5	39098.39844	295.88	0	48.851109	-86.955281	56398.27	56243.8	6.24	56404.50	56403.78516	56404.53615	56403.98047	503280.6	5410905.5
L3280.0	503280.6	5410905.5	39098.50000	295.49	0	48.851109	-86.955281	56399.08	56243.8	6.24	56405.32	56404.60547	56405.24639	56404.69922	503280.6	5410905.5
L3280.0	503280.6	5410907.1	39098.60156	302.07	0	48.851124	-86.955281	56399.82	56243.8	6.23	56406.05	56405.33984	56406.16022	56405.62109	503280.6	5410907.1
L3280.0	503280.7	5410909.1	39098.69922	302.03	0	48.851141	-86.955280	56400.46	56243.8	6.23	56406.69	56405.98047	56405.78828	56405.25781	503280.7	5410909.1
L3280.0	503280.7	5410910.8	39098.80078	293.50	0	48.851157	-86.955280	56401.33	56243.8	6.23	56407.56	56406.85156	56407.58894	56407.07031	503280.7	5410910.8
L3280.0	503280.7	5410910.8	39098.89844	293.89	0	48.851157	-86.955280	56402.14	56243.8	6.23	56408.38	56407.67188	56407.93209	56407.42578	503280.7	5410910.8
L3280.0	503280.7	5410912.5	39099.00000	299.67	0	48.851173	-86.955279	56403.02	56243.8	6.23	56409.25	56408.54297	56407.39598	56406.89844	503280.7	5410912.5
L3280.0	503280.7	5410912.5	39099.10156	299.57	0	48.851173	-86.955279	56404.24	56243.8	6.23	56410.47	56409.76563	56412.12320	56411.63672	503280.7	5410912.5
L3280.0	503280.8	5410914.3	39099.19922	300.81	0	48.851188	-86.955279	56405.00	56243.8	6.23	56411.23	56410.52734	56412.57415	56412.09766	503280.8	5410914.3
L3280.0	503280.8	5410915.8	39099.30078	303.00	0	48.851202	-86.955278	56405.52	56243.8	6.23	56411.75	56411.05078	56410.78739	56410.32422	503280.8	5410915.8
L3280.0	503280.8	5410917.6	39099.39844	305.21	0	48.851218	-86.955278	56406.41	56243.8	6.23	56412.64	56411.94141	56412.04697	56411.59375	503280.8	5410917.6
L3280.0	503280.8	5410917.6	39099.50000	304.79	0	48.851218	-86.955278	56406.94	56243.8	6.23	56413.17	56412.47656	56409.80950	56409.36719	503280.8	5410917.6
L3280.0	503280.9	5410919.2	39099.60156	306.25	0	48.851233	-86.955277	56408.06	56243.8	6.23	56414.29	56413.59766	56413.31384	56412.88281	503280.9	5410919.2
L3280.0	503280.9	5410920.5	39099.69922	297.64	0	48.851244	-86.955277	56409.06	56243.8	6.23	56415.29	56414.60156	56415.73842	56415.32031	503280.9	5410920.5
L3280.0	503280.9	5410921.7	39099.80078	296.24	0	48.851255	-86.955277	56409.95	56243.8	6.23	56416.18	56415.49219	56417.02783	56416.62109	503280.9	5410921.7
L3280.0	503280.9	5410921.7	39099.89844	301.74	0	48.851255	-86.955277	56410.67	56243.8	6.23	56416.90	56416.21484	56416.39812	56416.00391	503280.9	5410921.7
L3280.0	503280.9	5410923.9	39100.00000	301.11	0	48.851275	-86.955277	56411.69	56243.8	6.23	56417.92	56417.23828	56419.06797	56418.68359	503280.9	5410923.9
L3280.0	503280.9	5410925.4	39100.10156	299.62	0	48.851288	-86.955276	56412.20	56243.8	6.23	56418.43	56417.75000	56415.85527	56415.48438	503280.9	5410925.4
L3280.0	503280.9	5410926.9	39100.19922	299.13	0	48.851302	-86.955276	56413.25	56243.8	6.23	56419.48	56418.80469	56418.78993	56418.42969	503280.9	5410926.9
L3280.0	503280.9	5410926.9	39100.30078	296.67	0	48.851302	-86.955276	56414.32	56243.8	6.23	56420.55	56419.87500	56421.95420	56421.60938	503280.9	5410926.9
L3280.0	503280.9	5410928.8	39100.39844	298.45	0	48.851319	-86.955276	56414.88	56243.8	6.23	56421.11	56420.44141	56419.00021	56418.66797	503280.9	5410928.8
L3280.0	503280.9	5410930.0	39100.50000	300.49	0	48.851330	-86.955276	56415.75	56243.8	6.24	56421.98	56421.31250	56419.65595	56419.33594	503280.9	5410930.0
L3280.0	503280.9	5410930.0	39100.60156	301.20	0	48.851330	-86.955276	56416.79	56243.8	6.24	56423.03	56422.36719	56422.45852	56422.14844	503280.9	5410930.0
L3280.0	503280.9	5410931.7	39100.69922	300.10	0	48.851345	-86.955276	56417.89	56243.8	6.24	56424.13	56423.46875	56425.87845	56425.58203	503280.9	5410931.7
L3280.0	503281.0	5410933.7	39100.80078	301.05	0	48.851363	-86.955276	56418.58	56243.8	6.24	56424.82	56424.16406	56424.19768	56423.91406	503281.0	5410933.7
L3280.0	503281.0	5410935.1	39100.89844	301.34	0	48.851376	-86.955276	56419.60	56243.8	6.24	56425.84	56425.18750	56426.61698	56426.34766	503281.0	5410935.1
L3280.0	503281.0	5410935.1	39101.00000	299.06	0	48.851376	-86.955276	56420.52	56243.8	6.24	56426.76	56426.10938	56427.79194	56427.53516	503281.0	5410935.1
L3280.0	503281.0	5410936.9	39101.10156	299.34	0	48.851392	-86.955276	56421.18	56243.8	6.24	56427.42	56426.77344	56425.63723	56425.39453	503281.0	5410936.9
L3280.0	503281.0	5410936.9	39101.19922	301.00	0	48.851392	-86.955276	56422.25	56243.8	6.24	56428.49	56427.84766	56428.78164	56428.55078	503281.0	5410936.9
L3280.0	503281.0	5410938.8	39101.30078	303.64	0	48.851409	-86.955275	56423.07	56243.8	6.23	56429.30	56428.66016	56428.59459	56428.37891	503281.0	5410938.8
L3280.0	503281.0	5410940.3	39101.39844	302.59	0	48.851422	-86.955275	56424.20	56243.8	6.23	56430.43	56429.79297	56432.63183	56432.42969	503281.0	5410940.3
L3280.0	503281.0	5410940.3	39101.50000	301.97	0	48.851422	-86.955275	56424.98	56243.8	6.23	56431.21	56430.57813	56432.11255	56431.92578	503281.0	5410940.3
L3280.0	503281.0	5410941.9	39101.60156	301.72	0	48.851437	-86.955275	56425.98	56243.8	6.23	56432.21	56431.57813	56434.50678	56434.33203	503281.0	5410941.9
L3280.0	503281.0	5410943.3	39101.69922	303.99	0	48.851449	-86.955275	56426.62	56243.8	6.23	56432.85	56432.22266	56432.16379	56432.00391	503281.0	5410943.3
L3280.0	503281.0	5410943.3	39101.80078	303.08	0	48.851449	-86.955275	56427.52	56243.8	6.22	56433.74	56433.11719	56433.10819	56432.96484	503281.0	5410943.3
L3280.0	503281.1	5410944.9	39101.89844	292.65	0	48.851464	-86.955274	56428.54	56243.8	6.22	56434.76	56434.14063	56435.72678	56435.59766	503281.1	5410944.9
L3280.0	503281.1	5410946.0	39102.00000	292.48	0	48.851473	-86.955274	56429.25	56243.8	6.22	56435.47	56434.85156	56434.25905	56434.14453	503281.1	5410946.0
L3280.0	503281.2	5410947.9	39102.10156	294.63	0	48.851491	-86.955273	56430.27	56243.8	6.22	56436.49	56435.87500	56436.76767	56436.67188	503281.2	5410947.9
L3280.0	503281.2	5410947.9	39102.19922	301.23	0	48.851491	-86.955273	56430.98	56243.8	6.22	56437.20	56436.58984	56435.24672	56435.16406	503281.2	5410947.9
L3280.0	503281.2	5410949.2	39102.30078	300.68	0	48.851503	-86.955272	56432.18	56243.8	6.22	56438.40	56437.79297	56439.87640	56439.81250	503281.2	5410949.2
L3280.0	503281.2	5410950.4	39102.39844	300.44	0	48.851514	-86.955272	56433.05	56243.8	6.22	56439.26	56438.65625	56440.15786	56440.10938	503281.2	5410950.4
L3280.0	503281.3	5410952.3	39102.50000	300.42	0	48.851530	-86.955271	56434.13	56243.8	6.21	56440.34	56439.73828	56443.08321	56443.05078	503281.3	5410952.3
L3280.0	503281.3	5410952.3	39102.60156	300.40	0	48.851530	-86.955271	56434.66	56243.8	6.21	56440.87	56440.26953	56439.44281	56439.42969	503281.3	5410952.3
L3280.0	503281.3	5410953.8	39102.69922	301.39	0	48.851544	-86.955271	56435.70	56243.8	6.21	56441.92	56441.32422	56442.00762	56442.01172	503281.3	5410953.8
L3280.0	503281.3	5410953.8	39102.80078	300.44	0	48.851544	-86.955271	56436.52	56243.8	6.21	56442.73	56442.13672	56441.86604	56441.88672	503281.3	5410953.8
L3280.0	503281.4	5410955.4	39102.89844	300.94	0	48.851559	-86.955270	56437.54	56243.8	6.21	56443.75	56443.16016	56444.12769	56444.16797	503281.4	5410955.4
L3280.0	503281.4	5410956.7	39103.00000	301.42	0	48.851570	-86.955270	56438.82	56243.8	6.21	56445.03	56444.44141	56449.11472	56449.17578	503281.4	5410956.7
L3280.0	503281.4	5410957.7	39103.10156	300.82	0	48.851579	-86.955270	56439.38	56243.8	6.21	56445.59	56445.00391	56446.68234	56446.76172	503281.4	5410957.7
L3280.0	503281.4	5410958.8	39103.19922	293.40	0	48.851589	-86.955269	56440.50	56243.8	6.21	56446.72	56446.13672	56450.14657	56450.24609	503281.4	5410958.8
L3280.0	503281.4	5410958.8	39103.30078	292.32	0	48.851589	-86.955269	56440.61	56243.8	6.22	56446.82	56446.23828	56443.84103	56443.96484	503281.4	5410958.8
L3280.0	503281.4	5410960.4	39103.39844	300.00	0	48.851603	-86.955269	56442.26	56243.8	6.22	56448.48	56447.89844	56452.35919	56452.50391	503281.4	5410960.4
L3280.0	503281.4	5410961.7	39103.50000	300.01	0	48.851615	-86.955269	56442.52	56243.8	6.22	56448.74	56448.16016	56448.12479	56448.29297	503281.4	5410961.7
L3280.0	503281.4	5410962.9	39103.60156	302.02	0	48.851626	-86.955269	56443.92	56243.8	6.22	56450.14	56449.56250	56454.04286	56454.23438	503281.4	5410962.9
L3280.0	503281.4	5410962.9	39103.69922	302.91	0	48.851626	-86.955269	56444.28	56243.8	6.22	56450.50	56449.92188	56451.11036	56451.32422	503281.4	5410962.9
L3280.0	503281.5	5410964.3	39103.80078	304.01	0	48.851638	-86.955269	56445.07	56243.8	6.23	56451.30	56450.72266	56451.98745	56452.22656	503281.5	5410964.3
L3280.0	503281.5	5410965.5	39103.89844	302.22	0	48.851649	-86.955269	56445.71	56243.8	6.23	56451.94	56451.36328	56451.65556	56451.92188	503281.5	5410965.5
L3280.0	503281.5	5410965.5	39104.00000	300.85	0	48.851649	-86.955269	56446.66	56243.8	6.23	56452.89	56452.31250	56453.74265	56454.03516	503281.5	5410965.5
L3280.0	503281.5	5410967.1	39104.10156	293.79	0	48.851664	-86.955268	56447.39	56243.8	6.23	56453.62	56453.04297	56454.15829	56454.47656	503281.5	5410967.1
L3280.0	503281.5	5410967.1	39104.19922	292.39	0	48.851664	-86.955268	56447.93	56243.8	6.22	56454.15	56453.57422	56453.17684	56453.52344	503281.5	5410967.1
L3280.0	503281.5	5410968.2	39104.30078	290.99	0	48.851674	-86.955268	56448.97	56243.8	6.22	56455.19	56454.61328	56458.36911	56458.74609	503281.5	5410968.2
L3280.0	503281.6	5410969.3	39104.39844	298.46	0	48.851684	-86.955267	56449.59	56243.8	6.22	56455.80	56455.22266	56454.54594	56454.95313	503281.6	5410969.3
L3280.0	503281.6	5410970.5	39104.50000	300.55	0	48.851694	-86.955267	56450.51	56243.8	6.21	56456.72	56456.14063	56457.60648	56458.04688	503281.6	5410970.5
L3280.0	503281.6	5410970.5	39104.60156	302.90	0	48.851694	-86.955267	56451.38	56243.8	6.21	56457.59	56457.01172	56458.94334	56459.41406	503281.6	5410970.5
L3280.0	503281.6	5410972.2	39104.69922	304.40	0	48.851709	-86.955266	56452.19	56243.8	6.21	56458.40	56457.81641	56457.37278	56457.87891	503281.6	5410972.2
L3280.0	503281.6	5410973.0	39104.80078	304.25	0	48.851717	-86.955266	56453.18	56243.8	6.21	56459.39	56458.80469	56463.12157	56463.66406	503281.6	5410973.0
L3280.0	503281.7	5410974.3	39104.89844	296.97	0	48.851728	-86.955266	56453.62	56243.8	6.20	56459.82	56459.23438	56457.99091	56458.56641	503281.7	5410974.3
L3280.0	503281.7	5410974.3	39105.00000	296.96	0	48.851728	-86.955266	56454.38	56243.8	6.20	56460.58	56459.99219	56463.17154	56463.78516	503281.7	5410974.3

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L3280.0	503281.7	5410975.5	39105.10156	294.89	0	48.851739	-86.955265	56454.84	56243.8	6.20	56461.04	56460.44922	56459.64412	56460.29688	503281.7	5410975.5
L3280.0	503281.7	5410975.5	39105.19922	305.40	0	48.851739	-86.955265	56455.69	56243.8	6.20	56461.88	56461.28516	56462.88842	56463.58203	503281.7	5410975.5
L3280.0	503281.8	5410977.8	39105.30078	302.62	0	48.851760	-86.955264	56456.53	56243.8	6.19	56462.72	56462.12109	56462.94713	56463.68359	503281.8	5410977.8
L3280.0	503281.8	5410977.8	39105.39844	302.67	0	48.851760	-86.955264	56457.37	56243.8	6.19	56463.56	56462.95703	56464.18122	56464.96094	503281.8	5410977.8
L3280.0	503281.8	5410979.1	39105.50000	292.37	0	48.851771	-86.955263	56458.09	56243.8	6.19	56464.28	56463.67188	56465.45422	56466.27734	503281.8	5410979.1
L3280.0	503281.8	5410979.1	39105.60156	293.02	0	48.851771	-86.955263	56458.52	56243.8	6.19	56464.71	56464.09766	56464.32389	56465.19531	503281.8	5410979.1
L3280.0	503281.9	5410980.1	39105.69922	300.79	0	48.851781	-86.955263	56459.23	56243.8	6.19	56465.42	56464.80078	56466.01268	56466.92969	503281.9	5410980.1
L3280.0	503281.9	5410981.4	39105.80078	291.84	0	48.851792	-86.955262	56459.95	56243.8	6.18	56466.13	56465.50391	56466.28999	56467.25781	503281.9	5410981.4
L3280.0	503282.0	5410982.4	39105.89844	291.67	0	48.851801	-86.955262	56460.59	56243.8	6.18	56466.77	56466.13672	56467.65133	56468.67188	503282.0	5410982.4
L3280.0	503282.0	5410982.4	39106.00000	298.64	0	48.851801	-86.955262	56460.99	56243.8	6.18	56467.17	56466.53125	56466.83013	56467.90234	503282.0	5410982.4
L3280.0	503282.0	5410983.6	39106.10156	298.14	0	48.851812	-86.955261	56461.61	56243.8	6.18	56467.79	56467.14453	56468.34775	56469.47656	503282.0	5410983.6
L3280.0	503282.0	5410984.5	39106.19922	299.21	0	48.851820	-86.955261	56462.24	56243.8	6.19	56468.43	56467.77344	56468.12545	56469.30859	503282.0	5410984.5
L3280.0	503282.0	5410984.5	39106.30078	298.56	0	48.851820	-86.955261	56462.98	56243.8	6.19	56469.17	56468.50781	56470.39914	56471.64063	503282.0	5410984.5
L3280.0	503282.0	5410985.6	39106.39844	295.69	0	48.851830	-86.955261	56463.50	56243.8	6.19	56469.69	56469.01563	56468.39385	56469.69922	503282.0	5410985.6
L3280.0	503282.1	5410986.5	39106.50000	296.11	0	48.851838	-86.955260	56464.54	56243.8	6.19	56470.74	56470.05859	56472.70024	56474.06641	503282.1	5410986.5
L3280.0	503282.1	5410987.3	39106.60156	296.18	0	48.851845	-86.955260	56465.23	56243.8	6.20	56471.43	56470.73828	56471.36001	56472.78906	503282.1	5410987.3
L3280.0	503282.1	5410988.3	39106.69922	296.44	0	48.851854	-86.955260	56465.79	56243.8	6.20	56471.99	56471.28516	56474.55586	56476.05469	503282.1	5410988.3
L3280.0	503282.1	5410989.1	39106.80078	297.65	0	48.851861	-86.955260	56465.97	56243.8	6.20	56472.17	56471.45703	56470.11889	56471.68359	503282.1	5410989.1
L3280.0	503282.1	5410989.1	39106.89844	298.70	0	48.851861	-86.955260	56466.76	56243.8	6.21	56472.97	56472.24219	56473.99107	56475.62891	503282.1	5410989.1
L3280.0	503282.1	5410990.0	39107.00000	298.82	0	48.851870	-86.955260	56467.63	56243.8	6.21	56473.84	56473.10156	56476.56473	56478.27344	503282.1	5410990.0
L3280.0	503282.1	5410990.0	39107.10156	299.77	0	48.851870	-86.955260	56468.12	56243.8	6.21	56474.33	56473.57813	56476.80473	56478.58984	503282.1	5410990.0
L3280.0	503282.1	5410990.8	39107.19922	301.24	0	48.851877	-86.955260	56468.60	56243.8	6.21	56474.81	56474.04688	56476.90317	56478.76563	503282.1	5410990.8
L3280.0	503282.1	5410991.9	39107.30078	301.35	0	48.851887	-86.955260	56469.08	56243.8	6.21	56475.29	56474.51172	56476.95460	56478.89453	503282.1	5410991.9
L3280.0	503282.1	5410991.9	39107.39844	301.69	0	48.851887	-86.955260	56469.26	56243.8	6.21	56475.47	56474.67578	56473.56513	56475.58594	503282.1	5410991.9
L3280.0	503282.0	5410993.1	39107.50000	301.06	0	48.851897	-86.955261	56469.57	56243.8	6.21	56475.78	56474.97266	56471.22093	56473.32813	503282.0	5410993.1
L3280.0	503282.0	5410993.8	39107.60156	302.61	0	48.851904	-86.955261	56470.64	56243.8	6.20	56476.85	56476.02734	56478.64631	56480.83984	503282.0	5410993.8
L3280.0	503282.0	5410993.8	39107.69922	303.28	0	48.851904	-86.955261	56471.23	56243.8	6.20	56477.43	56476.58984	56480.22008	56482.50000	503282.0	5410993.8
L3280.0	503282.0	5410994.5	39107.80078	304.45	0	48.851910	-86.955262	56472.22	56243.8	6.20	56478.42	56477.56250	56487.93852	56490.30859	503282.0	5410994.5
L3280.0	503281.9	5410995.3	39107.89844	305.79	0	48.851917	-86.955262	56472.43	56243.8	6.20	56478.63	56477.75391	56484.40159	56486.86719	503281.9	5410995.3
L3280.0	503281.9	5410996.1	39108.00000	304.37	0	48.851925	-86.955263	56472.73	56243.8	6.20	56478.93	56478.03516	56482.00623	56484.56641	503281.9	5410996.1
L3280.0	503281.8	5410996.9	39108.10156	303.56	0	48.851932	-86.955263	56472.89	56243.8	6.20	56479.09	56478.17578	56477.31599	56479.97656	503281.8	5410996.9
L3280.0	503281.8	5410996.9	39108.19922	304.69	0	48.851932	-86.955263	56473.61	56243.8	6.20	56479.80	56478.86719	56481.26159	56484.02344	503281.8	5410996.9
L3280.0	503281.8	5410997.5	39108.30078	304.77	0	48.851937	-86.955264	56473.96	56243.8	6.20	56480.15	56479.19922	56479.57623	56482.43750	503281.8	5410997.5
L3280.0	503281.8	5410998.1	39108.39844	304.87	0	48.851943	-86.955264	56474.52	56243.8	6.20	56480.72	56479.74609	56481.41697	56484.38672	503281.8	5410998.1
L3280.0	503281.8	5410998.7	39108.50000	303.78	0	48.851947	-86.955264	56475.11	56243.8	6.19	56481.30	56480.30469	56483.45912	56486.53516	503281.8	5410998.7
L3280.0	503281.8	5410998.7	39108.60156	306.71	0	48.851947	-86.955264	56475.72	56243.8	6.19	56481.91	56480.89453	56486.01169	56489.19922	503281.8	5410998.7
L3280.0	503281.8	5410999.6	39108.69922	305.79	0	48.851955	-86.955264	56475.98	56243.8	6.19	56482.17	56481.13281	56483.33503	56486.63672	503281.8	5410999.6
L3280.0	503281.8	5411000.1	39108.80078	295.10	0	48.851960	-86.955264	56476.59	56243.8	6.19	56482.78	56481.71875	56486.09942	56489.51563	503281.8	5411000.1
L3280.0	503281.8	5411000.9	39108.89844	293.77	0	48.851968	-86.955264	56476.82	56243.8	6.19	56483.01	56481.92578	56483.42671	56486.96094	503281.8	5411000.9
L3280.0	503281.8	5411000.9	39109.00000	301.36	0	48.851968	-86.955264	56477.38	56243.8	6.19	56483.57	56482.46094	56485.78709	56489.44531	503281.8	5411000.9
L3280.0	503281.8	5411001.7	39109.10156	293.70	0	48.851975	-86.955264	56478.04	56243.8	6.19	56484.23	56483.09375	56489.70526	56493.48438	503281.8	5411001.7
L3280.0	503281.8	5411001.7	39109.19922	294.86	0	48.851975	-86.955264	56478.14	56243.8	6.19	56484.34	56483.17969	56486.15687	56490.06250	503281.8	5411001.7
L3280.0	503281.8	5411002.2	39109.30078	301.62	0	48.851979	-86.955264	56478.68	56243.8	6.19	56484.87	56483.68359	56488.67859	56492.71094	503281.8	5411002.2
L3280.0	503281.8	5411002.9	39109.39844	300.98	0	48.851985	-86.955264	56479.02	56243.8	6.19	56485.21	56483.99609	56488.84016	56493.00391	503281.8	5411002.9
L3280.0	503281.8	5411003.6	39109.50000	303.89	0	48.851992	-86.955264	56479.09	56243.8	6.19	56485.28	56484.03906	56485.68208	56489.98047	503281.8	5411003.6
L3280.0	503281.8	5411003.6	39109.60156	294.01	0	48.851992	-86.955264	56479.57	56243.8	6.20	56485.77	56484.50000	56488.28989	56492.72656	503281.8	5411003.6
L3280.0	503281.8	5411004.0	39109.69922	291.85	0	48.851996	-86.955264	56479.83	56243.8	6.20	56486.03	56484.73438	56488.06767	56492.64063	503281.8	5411004.0
L3280.0	503281.8	5411004.5	39109.80078	293.73	0	48.852000	-86.955263	56480.14	56243.8	6.20	56486.33	56485.00391	56488.52675	56493.24219	503281.8	5411004.5
L3280.0	503281.8	5411004.5	39109.89844	302.70	0	48.852000	-86.955263	56480.24	56243.8	6.20	56486.44	56485.08203	56486.65390	56491.51172	503281.8	5411004.5
L3280.0	503281.9	5411005.1	39110.00000	306.49	0	48.852006	-86.955263	56480.67	56243.8	6.20	56486.87	56485.48438	56489.02425	56494.02734	503281.9	5411005.1
L3280.0	503281.9	5411005.6	39110.10156	304.96	0	48.852010	-86.955262	56480.77	56243.8	6.20	56486.97	56485.55078	56487.16997	56492.32422	503281.9	5411005.6
L3280.0	503281.9	5411005.6	39110.19922	304.78	0	48.852010	-86.955262	56481.16	56243.8	6.19	56487.35	56485.89844	56489.03083	56494.33594	503281.9	5411005.6
L3280.0	503281.9	5411006.2	39110.30078	306.59	0	48.852015	-86.955262	56481.56	56243.8	6.19	56487.75	56486.26953	56491.22934	56496.68750	503281.9	5411006.2
L3280.0	503282.0	5411006.6	39110.39844	304.78	0	48.852019	-86.955261	56481.62	56243.8	6.19	56487.81	56486.29688	56488.94150	56494.55469	503282.0	5411006.6
L3280.0	503282.0	5411006.6	39110.50000	305.38	0	48.852019	-86.955261	56481.92	56243.8	6.18	56488.10	56486.55078	56489.78131	56495.55078	503282.0	5411006.6
L3280.0	503282.0	5411007.1	39110.60156	297.46	0	48.852023	-86.955261	56481.92	56243.8	6.18	56488.10	56486.51953	56486.76447	56492.69531	503282.0	5411007.1
L3280.0	503282.0	5411007.6	39110.69922	297.99	0	48.852028	-86.955261	56482.05	56243.8	6.18	56488.23	56486.61328	56485.61042	56491.70313	503282.0	5411007.6
L3280.0	503282.0	5411008.0	39110.80078	302.45	0	48.852031	-86.955261	56482.56	56243.8	6.18	56488.74	56487.08984	56489.77535	56496.03125	503282.0	5411008.0
L3280.0	503282.0	5411008.0	39110.89844	302.22	0	48.852031	-86.955261	56482.92	56243.8	6.17	56489.09	56487.40234	56491.90857	56498.33203	503282.0	5411008.0
L3280.0	503282.0	5411008.4	39111.00000	300.72	0	48.852036	-86.955261	56483.15	56243.8	6.17	56489.32	56487.59766	56492.57882	56499.17188	503282.0	5411008.4
L3280.0	503282.0	5411008.7	39111.10156	300.50	0	48.852038	-86.955261	56483.35	56243.8	6.17	56489.52	56487.76172	56493.02161	56499.78906	503282.0	5411008.7
L3280.0	503282.0	5411008.7	39111.19922	299.78	0	48.852038	-86.955261	56483.35	56243.8	6.17	56489.53	56487.73438	56491.19196	56498.13281	503282.0	5411008.7
L3280.0	503282.0	5411009.3	39111.30078	299.58	0	48.852044	-86.955261	56483.58	56243.8	6.18	56489.75	56487.91797	56492.23468	56499.34766	503282.0	5411009.3
L3280.0	503282.0	5411009.7	39111.39844	300.49	0	48.852047	-86.955261	56483.73	56243.8	6.18	56489.91	56488.03906	56492.61958	56499.91016	503282.0	5411009.7
L3280.0	503282.0	5411009.7	39111.50000	302.84	0	48.852047	-86.955261	56483.76	56243.8	6.18	56489.94	56488.03125	56491.53228	56499.00391	503282.0	5411009.7
L3280.0	503282.0	5411009.7	39111.60156	302.92	0	48.852047	-86.955261	56483.61	56243.8	6.18	56489.79	56487.84375	56488.49247	56496.14453	503282.0	5411009.7
L3280.0	503282.0	5411010.0	39111.69922	301.51	0	48.852050	-86.955261	56484.09	56243.8	6.18	56490.28	56488.29297	56492.66218	56500.50000	503282.0	5411010.0
L3280.0	503282.0	5411010.3	39111.80078	299.91	0	48.852052	-86.955261	56483.94	56243.8	6.19	56490.12	56488.09375	56489.56006	56497.58203	503282.0	5411010.3
L3280.0	503282.0	5411010.5	39111.89844	299.42	0	48.852054	-86.955261	56483.98	56243.8	6.19	56490.17	56488.10547	56488.69001	56496.89844	503282.0	5411010.5
L3280.0	503282.0	5411010.5	39112.00000	300.95	0	48.852054	-86.955261	56484.07	56243.8	6.19	56490.26	56488.15234	56488.10860	56496.50391	503282.0	5411010.5
L3280.0	503282.0	5411010.7	39112.10156	299.99	0	48.852056	-86.955261	56484.22	56243.8	6.19	56490.41	56488.26172	56487.96324	56496.55078	503282.0	5411010.7
L3280.0	503282.0	5411010.9	39112.19922	301.78	0	48.852058	-86.955261	56484.40	56243.8	6.19	56490.59	56488.40234	56487.92794	56496.70703	503282.0	5411010.9
L3280.0	503282.0	5411011.0	39112.30078	302.85	0	48.852059	-86.955261	56484.98	56243.8	6.19	56491.17	56488.94141	56491.49807	56500.46875	503282.0	5411011.0
L3280.0	503282.0	5411011.0	39112.39844	294.97	0	48.852059	-86.955261	56485.24	56243.8	6.19	56491.43	56489.16016	56491.85356	56501.01953	503282.0	5411011.0
L3280.0	503282.0	5411011.2	39112.50000	294.40	0	48.852060	-86.955261	56485.60	56243.8	6.19	56491.79	56489.47656	56493.05091	56502.41016	503282.0	5411011.2
L3280.0	503282.0	5411011.3	39112.60156	300.28	0	48.852061	-86.955261	56485.50	56243.8	6.20	56491.69	56489.33594	56489.94382	56499.50000	503282.0	5411011.3
L3280.0	503282.0	5411011.3	39112.69922	300.57	0	48.852061	-86.955261	56485.83	56243.8	6.20	56492.03	56489.63281	56490.95592	56500.71094	503282.0	5411011.3
L3280.0	503282.0	5411011.4	39112.80078	299.86	0	48.852062	-86.955262	56486.18	56243.8	6.20	56492.38	56489.93750	56492.17908	56502.13281	503282.0	5411011.4
L3280.0	503282.0	5411011.5	39112.89844	297.28	0	48.852063	-86.955262	56486.67	56243.8	6.20	56492.87	56490.38672	56494.96218	56505.11719	503282.0	5411011.5
L3280.0	503282.0	5411011.5	39113.00000	298.18	0	48.852063	-86.955262	56487.00	56243.8	6.20	56493.20	56490.67188	56496.50268	56506.85938	503282.0	5411011.5
L3280.0	503282.0	5411011.7	39113.10156	298.94	0	48.852065	-86.955262	56487.13	56243.8	6.20	56493.33	56490.75781	56496.35767	56506.91797	503282.0	5411011.7
L3280.0	503282.0	5411011.8	39113.19922	295.23	0	48.852066	-86.955262	56487.16	56243.8	6.20	56493.36	56490.74609	56495.45104	56506.21484	503282.0	5411011.8
L3280.0	503282.0	5411012.1	39113.30078	297.08	0	48.852068	-86.955261	56486.92	56243.8	6.20	56493.13	56490.47266	56491.96873	56502.93359	503282.0	5411012.1
L3280.0	503282.0	5411012.1	39113.39844	301.74	0	48.852068	-86.955261	56487.41	56243.8	6.20	56493.61	56490.90625	56496.41362	56507.58594	503282.0	5411012.1
L3280.0	503282.0	5411012.3	39113.50000	303.92	0	48.852070	-86.955261	56487.00	56243.8	6.21	56493.21	56490.46484	56491.17864	56502.55469	503282.0	5411012.3
L3280.0	503282.0	5411012.5	39113.60156	302.84	0	48.852072	-86.955261	56487.46	56243.8	6.21	56493.66	56490.87109	56495.84949	56507.43359	503282.0	5411012.5
L3280.0	503282.0	5411012.7	39113.69922	304.45	0	48.852074	-86.955261	56487.48	56243.8	6.21	56493.69	56490.85547	56495.59859	56507.38672	503282.0	5411012.7
L3280.0	503282.0	5411012.7	39113.80078	304.92	0	48.852074	-86.955261	56487.28	56243.8	6.21	56493.49	56490.60938	56492.12502	56504.12109	503282.0	5411012.7
L3280.0	503282.0	5411013.1	39113.89844	303.28	0	48.852077	-86.955261	56487.54	56243.8	6.21	56493.74	56490.81641	56494.15454	56506.35938	503282.0	5411013.1
L3280.0	503282.0	5411013.3	39114.00000	297.87	0	48.852080	-86.955261	56487.31	56243.8	6.21	56493.52	56490.55078	56489.14101	56501.55078	503282.0	5411013.3
L3280.0	503282.0	5411013.3	39114.10156	298.57	0	48.852080	-86.955261	56487.13	56243.8	6.21	56493.34	56490.32813	56483.61892	56496.23828	503282.0	5411013.3
L3280.0	503282.0	5411013.7	39114.19922	302.39	0	48.852082	-86.955261	56487.13	56243.8	6.21	56493.34	56490.28125	56479.64659	56492.47266	503282.0	5411013.7
L3330.0	503331.7	5411012.2	39130.39844	299.83	0	48.852069	-86.954584	56420.46	56243.9	6.15	56426.61	56426.13281	56422.50663	56430.18359	503331.7	5411012.2

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L3330.0	503331.8	5411012.2	39130.50000	302.88	0	48.852069	-86.954583	56420.32	56243.9	6.15	56426.47	56426.00391	56422.49111	56430.05469	503331.8	5411012.2
L3330.0	503331.8	5411012.1	39130.60156	304.48	0	48.852068	-86.954582	56420.08	56243.8	6.15	56426.24	56425.78516	56421.50064	56428.95703	503331.8	5411012.1
L3330.0	503331.8	5411012.1	39130.69922	303.93	0	48.852068	-86.954582	56420.21	56243.8	6.16	56426.37	56425.92578	56424.66207	56432.00781	503331.8	5411012.1
L3330.0	503331.9	5411012.1	39130.80078	305.02	0	48.852068	-86.954581	56420.37	56243.8	6.16	56426.53	56426.09766	56428.78097	56436.01563	503331.9	5411012.1
L3330.0	503332.0	5411012.0	39130.89844	305.07	0	48.852067	-86.954580	56419.91	56243.8	6.17	56426.07	56425.64844	56423.84329	56430.96484	503332.0	5411012.0
L3330.0	503332.0	5411011.9	39131.00000	305.67	0	48.852066	-86.954579	56419.91	56243.8	6.17	56426.08	56425.66797	56425.50969	56432.52344	503332.0	5411011.9
L3330.0	503332.0	5411011.9	39131.10156	303.46	0	48.852066	-86.954579	56419.52	56243.8	6.17	56425.70	56425.30078	56420.23444	56427.13672	503332.0	5411011.9
L3330.0	503332.1	5411011.8	39131.19922	305.09	0	48.852065	-86.954578	56419.45	56243.8	6.18	56425.62	56425.23438	56419.75509	56426.54688	503332.1	5411011.8
L3330.0	503332.1	5411011.8	39131.30078	305.79	0	48.852065	-86.954578	56419.50	56243.8	6.18	56425.67	56425.29297	56421.69711	56428.38281	503332.1	5411011.8
L3330.0	503332.2	5411011.6	39131.39844	303.87	0	48.852064	-86.954577	56419.81	56243.8	6.18	56425.99	56425.62500	56429.26435	56435.83984	503332.2	5411011.6
L3330.0	503332.2	5411011.5	39131.50000	305.04	0	48.852062	-86.954577	56419.96	56243.8	6.18	56426.14	56425.78516	56433.79076	56440.25781	503332.2	5411011.5
L3330.0	503332.3	5411011.3	39131.60156	306.60	0	48.852061	-86.954576	56419.63	56243.8	6.19	56425.82	56425.47656	56428.59542	56434.95313	503332.3	5411011.3
L3330.0	503332.3	5411011.3	39131.69922	306.32	0	48.852061	-86.954576	56419.63	56243.8	6.19	56425.82	56425.48828	56430.32158	56436.57031	503332.3	5411011.3
L3330.0	503332.3	5411011.0	39131.80078	305.23	0	48.852059	-86.954575	56419.27	56243.8	6.19	56425.46	56425.14063	56424.47669	56430.62109	503332.3	5411011.0
L3330.0	503332.3	5411010.8	39131.89844	304.72	0	48.852057	-86.954575	56419.45	56243.8	6.20	56425.64	56425.33203	56430.74309	56436.77734	503332.3	5411010.8
L3330.0	503332.4	5411010.6	39132.00000	304.80	0	48.852054	-86.954574	56419.09	56243.8	6.20	56425.29	56424.99219	56425.74008	56431.66797	503332.4	5411010.6
L3330.0	503332.4	5411010.6	39132.10156	302.16	0	48.852054	-86.954574	56418.94	56243.8	6.20	56425.14	56424.85156	56425.51063	56431.33203	503332.4	5411010.6
L3330.0	503332.4	5411010.2	39132.19922	300.54	0	48.852051	-86.954574	56418.63	56243.8	6.20	56424.83	56424.55078	56422.15138	56427.87109	503332.4	5411010.2
L3330.0	503332.4	5411010.2	39132.30078	300.99	0	48.852051	-86.954574	56418.48	56243.8	6.20	56424.68	56424.41406	56422.66026	56428.27734	503332.4	5411010.2
L3330.0	503332.4	5411010.0	39132.39844	303.00	0	48.852050	-86.954573	56418.58	56243.8	6.20	56424.78	56424.52344	56428.89418	56434.40625	503332.4	5411010.0
L3330.0	503332.5	5411009.8	39132.50000	302.99	0	48.852047	-86.954573	56418.02	56243.8	6.21	56424.22	56423.97266	56421.05788	56426.46484	503332.5	5411009.8
L3330.0	503332.5	5411009.8	39132.60156	303.14	0	48.852047	-86.954573	56417.92	56243.8	6.21	56424.12	56423.88281	56423.33169	56428.63672	503332.5	5411009.8
L3330.0	503332.5	5411009.6	39132.69922	303.83	0	48.852045	-86.954573	56417.58	56243.8	6.21	56423.79	56423.56641	56420.74877	56425.95313	503332.5	5411009.6
L3330.0	503332.5	5411009.3	39132.80078	303.44	0	48.852043	-86.954572	56417.36	56243.8	6.21	56423.57	56423.35547	56420.48245	56425.58594	503332.5	5411009.3
L3330.0	503332.6	5411009.0	39132.89844	303.56	0	48.852040	-86.954572	56417.18	56243.8	6.21	56423.39	56423.18359	56420.90448	56425.91016	503332.6	5411009.0
L3330.0	503332.6	5411009.0	39133.00000	304.15	0	48.852040	-86.954572	56416.97	56243.8	6.21	56423.18	56422.98438	56420.44073	56425.34766	503332.6	5411009.0
L3330.0	503332.6	5411008.7	39133.10156	305.14	0	48.852038	-86.954572	56416.95	56243.8	6.21	56423.16	56422.97656	56423.49887	56428.30469	503332.6	5411008.7
L3330.0	503332.5	5411008.4	39133.19922	303.81	0	48.852035	-86.954572	56417.05	56243.8	6.21	56423.26	56423.08594	56428.44141	56433.15234	503332.5	5411008.4
L3330.0	503332.5	5411008.0	39133.30078	304.81	0	48.852031	-86.954572	56417.13	56243.8	6.22	56423.34	56423.17578	56432.32318	56436.94141	503332.5	5411008.0
L3330.0	503332.5	5411008.0	39133.39844	304.39	0	48.852031	-86.954572	56416.74	56243.8	6.22	56422.96	56422.80469	56426.54410	56431.06641	503332.5	5411008.0
L3330.0	503332.5	5411007.6	39133.50000	304.34	0	48.852028	-86.954573	56416.64	56243.8	6.22	56422.86	56422.71484	56425.73054	56430.15625	503332.5	5411007.6
L3330.0	503332.4	5411007.3	39133.60156	303.79	0	48.852025	-86.954574	56416.23	56243.8	6.22	56422.45	56422.31250	56418.55699	56422.89063	503332.4	5411007.3
L3330.0	503332.3	5411006.8	39133.69922	304.01	0	48.852020	-86.954575	56416.00	56243.8	6.22	56422.23	56422.10156	56414.64681	56418.89063	503332.3	5411006.8
L3330.0	503332.3	5411006.8	39133.80078	305.47	0	48.852020	-86.954575	56415.72	56243.8	6.23	56421.95	56421.83203	56409.39899	56413.55078	503332.3	5411006.8
L3330.0	503332.2	5411006.2	39133.89844	302.91	0	48.852015	-86.954577	56415.72	56243.8	6.23	56421.95	56421.83984	56408.97104	56413.03516	503332.2	5411006.2
L3330.0	503332.2	5411006.2	39134.00000	302.90	0	48.852015	-86.954577	56415.90	56243.8	6.23	56422.13	56422.02734	56411.40961	56415.38281	503332.2	5411006.2
L3330.0	503332.1	5411005.7	39134.10156	301.34	0	48.852010	-86.954578	56416.28	56243.8	6.23	56422.52	56422.42969	56417.07220	56420.96094	503332.1	5411005.7
L3330.0	503332.0	5411005.1	39134.19922	302.44	0	48.852005	-86.954580	56416.92	56243.8	6.24	56423.16	56423.07813	56426.38984	56430.19141	503332.0	5411005.1
L3330.0	503332.0	5411005.1	39134.30078	302.49	0	48.852005	-86.954580	56416.92	56243.8	6.24	56423.16	56423.08594	56425.32983	56429.04688	503332.0	5411005.1
L3330.0	503331.9	5411004.6	39134.39844	301.90	0	48.852001	-86.954581	56417.33	56243.8	6.25	56423.57	56423.50391	56430.67112	56434.30469	503331.9	5411004.6
L3330.0	503331.7	5411004.1	39134.50000	301.27	0	48.851996	-86.954583	56417.64	56243.8	6.25	56423.89	56423.83203	56434.65907	56438.21094	503331.7	5411004.1
L3330.0	503331.6	5411003.7	39134.60156	301.37	0	48.851992	-86.954584	56418.07	56243.7	6.25	56424.32	56424.26953	56440.31253	56443.78125	503331.6	5411003.7
L3330.0	503331.6	5411003.7	39134.69922	300.25	0	48.851992	-86.954584	56417.51	56243.7	6.26	56423.77	56423.72656	56432.72018	56436.11328	503331.6	5411003.7
L3330.0	503331.5	5411003.1	39134.80078	301.16	0	48.851987	-86.954586	56417.02	56243.7	6.26	56423.28	56423.24609	56426.77390	56430.08984	503331.5	5411003.1
L3330.0	503331.4	5411002.4	39134.89844	303.18	0	48.851980	-86.954588	56416.59	56243.7	6.27	56422.85	56422.82422	56422.32024	56425.55859	503331.4	5411002.4
L3330.0	503331.3	5411001.8	39135.00000	302.64	0	48.851976	-86.954589	56416.51	56243.7	6.27	56422.78	56422.76172	56423.06878	56426.23047	503331.3	5411001.8
L3330.0	503331.3	5411001.3	39135.10156	300.29	0	48.851971	-86.954589	56416.62	56243.7	6.27	56422.89	56422.87891	56426.48143	56429.56641	503331.3	5411001.3
L3330.0	503331.3	5411001.3	39135.19922	299.88	0	48.851971	-86.954589	56416.23	56243.7	6.27	56422.50	56422.49609	56423.90421	56426.91797	503331.3	5411001.3
L3330.0	503331.3	5411001.3	39135.30078	300.11	0	48.851971	-86.954589	56415.98	56243.7	6.27	56422.24	56422.24219	56423.30187	56426.24609	503331.3	5411001.3
L3330.0	503331.2	5411000.6	39135.39844	300.34	0	48.851965	-86.954590	56415.46	56243.7	6.27	56421.73	56421.73828	56419.81107	56422.68359	503331.2	5411000.6
L3330.0	503331.2	5410999.9	39135.50000	300.53	0	48.851958	-86.954590	56415.54	56243.7	6.26	56421.81	56421.82422	56423.95596	56426.75781	503331.2	5410999.9
L3330.0	503331.2	5410999.3	39135.60156	300.04	0	48.851953	-86.954590	56414.88	56243.7	6.26	56421.14	56421.16016	56418.74677	56421.48047	503331.2	5410999.3
L3330.0	503331.2	5410999.3	39135.69922	301.81	0	48.851953	-86.954590	56414.55	56243.7	6.26	56420.81	56420.83984	56417.91093	56420.58203	503331.2	5410999.3
L3330.0	503331.2	5410998.6	39135.80078	303.16	0	48.851947	-86.954590	56414.34	56243.7	6.26	56420.61	56420.64453	56418.78384	56421.39063	503331.2	5410998.6
L3330.0	503331.2	5410998.0	39135.89844	302.05	0	48.851941	-86.954590	56414.29	56243.7	6.26	56420.55	56420.58984	56421.50102	56424.04297	503331.2	5410998.0
L3330.0	503331.2	5410998.0	39136.00000	300.61	0	48.851941	-86.954590	56414.24	56243.7	6.26	56420.50	56420.54688	56424.37331	56426.85156	503331.2	5410998.0
L3330.0	503331.3	5410997.1	39136.10156	301.51	0	48.851934	-86.954590	56414.09	56243.7	6.26	56420.35	56420.40234	56425.92884	56428.34766	503331.3	5410997.1
L3330.0	503331.3	5410996.4	39136.19922	303.90	0	48.851927	-86.954589	56413.68	56243.7	6.26	56419.94	56420.00000	56424.00036	56426.36328	503331.3	5410996.4
L3330.0	503331.3	5410996.4	39136.30078	303.42	0	48.851927	-86.954589	56413.24	56243.7	6.27	56419.51	56419.57422	56421.74225	56424.04688	503331.3	5410996.4
L3330.0	503331.3	5410995.4	39136.39844	301.86	0	48.851918	-86.954589	56413.14	56243.7	6.27	56419.41	56419.48047	56423.87473	56426.12500	503331.3	5410995.4
L3330.0	503331.3	5410995.4	39136.50000	302.01	0	48.851918	-86.954589	56412.45	56243.7	6.27	56418.72	56418.79297	56418.05307	56420.24609	503331.3	5410995.4
L3330.0	503331.4	5410994.8	39136.60156	302.89	0	48.851912	-86.954588	56412.30	56243.7	6.27	56418.57	56418.64844	56419.52013	56421.66016	503331.4	5410994.8
L3330.0	503331.4	5410993.6	39136.69922	302.57	0	48.851902	-86.954587	56411.69	56243.7	6.27	56417.96	56418.04297	56414.78867	56416.87891	503331.4	5410993.6
L3330.0	503331.4	5410993.6	39136.80078	301.34	0	48.851902	-86.954587	56411.71	56243.7	6.28	56417.99	56418.07813	56418.79841	56420.83984	503331.4	5410993.6
L3330.0	503331.5	5410993.0	39136.89844	301.10	0	48.851896	-86.954587	56411.48	56243.7	6.28	56417.76	56417.85547	56419.35217	56421.34375	503331.5	5410993.0
L3330.0	503331.5	5410992.2	39137.00000	302.35	0	48.851889	-86.954586	56411.41	56243.7	6.28	56417.69	56417.78906	56422.16244	56424.10547	503331.5	5410992.2
L3330.0	503331.5	5410991.2	39137.10156	301.27	0	48.851880	-86.954586	56410.95	56243.7	6.28	56417.23	56417.33203	56419.76342	56421.66016	503331.5	5410991.2
L3330.0	503331.5	5410991.2	39137.19922	299.91	0	48.851880	-86.954586	56410.18	56243.7	6.28	56416.47	56416.57813	56413.42188	56415.27734	503331.5	5410991.2
L3330.0	503331.6	5410990.1	39137.30078	301.36	0	48.851870	-86.954585	56410.34	56243.7	6.29	56416.62	56416.73047	56419.45733	56421.26953	503331.6	5410990.1
L3330.0	503331.6	5410989.5	39137.39844	301.82	0	48.851865	-86.954585	56409.95	56243.7	6.29	56416.24	56416.35547	56418.44039	56420.21094	503331.6	5410989.5
L3330.0	503331.6	5410989.5	39137.50000	300.25	0	48.851865	-86.954585	56409.62	56243.7	6.29	56415.91	56416.03125	56418.18603	56419.91797	503331.6	5410989.5
L3330.0	503331.6	5410988.6	39137.60156	299.70	0	48.851857	-86.954585	56409.16	56243.7	6.29	56415.46	56415.58203	56416.44136	56418.13281	503331.6	5410988.6
L3330.0	503331.7	5410987.5	39137.69922	301.03	0	48.851847	-86.954584	56409.01	56243.7	6.29	56415.30	56415.42578	56418.58751	56420.24609	503331.7	5410987.5
L3330.0	503331.7	5410986.6	39137.80078	301.97	0	48.851839	-86.954584	56408.45	56243.7	6.30	56414.74	56414.87109	56415.58757	56417.21094	503331.7	5410986.6
L3330.0	503331.7	5410986.6	39137.89844	301.76	0	48.851839	-86.954584	56407.94	56243.7	6.30	56414.24	56414.37500	56413.45985	56415.05078	503331.7	5410986.6
L3330.0	503331.7	5410985.5	39138.00000	303.75	0	48.851829	-86.954584	56407.40	56243.7	6.30	56413.70	56413.83594	56410.88704	56412.44531	503331.7	5410985.5
L3330.0	503331.7	5410984.9	39138.10156	304.56	0	48.851823	-86.954584	56407.30	56243.7	6.30	56413.60	56413.74219	56414.08759	56415.61328	503331.7	5410984.9
L3330.0	503331.7	5410983.7	39138.19922	305.17	0	48.851813	-86.954584	56407.27	56243.7	6.30	56413.57	56413.71484	56418.28815	56419.78516	503331.7	5410983.7
L3330.0	503331.7	5410983.7	39138.30078	304.01	0	48.851813	-86.954584	56406.82	56243.7	6.29	56413.11	56413.25781	56416.96593	56418.43750	503331.7	5410983.7
L3330.0	503331.7	5410982.7	39138.39844	301.65	0	48.851803	-86.954584	56406.56	56243.7	6.29	56412.85	56413.00000	56418.34884	56419.79297	503331.7	5410982.7
L3330.0	503331.7	5410981.9	39138.50000	302.80	0	48.851797	-86.954584	56406.10	56243.7	6.29	56412.39	56412.54297	56417.15742	56418.57422	503331.7	5410981.9
L3330.0	503331.7	5410981.1	39138.60156	301.92	0	48.851790	-86.954583	56405.44	56243.7	6.29	56411.73	56411.88672	56413.29159	56414.68359	503331.7	5410981.1
L3330.0	503331.7	5410981.1	39138.69922	301.74	0	48.851790	-86.954583	56405.00	56243.7	6.29	56411.29	56411.44922	56412.41436	56413.78516	503331.7	5410981.1
L3330.0	503331.7	5410980.1	39138.80078	300.32	0	48.851780	-86.954583	56404.34	56243.7	6.28	56410.62	56410.78125	56408.34800	56409.69922	503331.7	5410980.1
L3330.0	503331.7	5410980.1	39138.89844	301.78	0	48.851780	-86.954583	56404.18	56243.7	6.28	56410.47	56410.63281	56411.62022	56412.95313	503331.7	5410980.1
L3330.0	503331.8	5410977.9	39139.00000	300.96	0	48.851761	-86.954583	56403.55	56243.7	6.28	56409.83	56409.99609	56407.95809	56409.26953	503331.8	5410977.9
L3330.0	503331.8	5410977.9	39139.10156	300.38	0	48.851761	-86.954583	56403.22	56243.7	6.28	56409.50	56409.66797	56408.80513	56410.10156	503331.8	5410977.9
L3330.0	503331.8	5410977.1	39139.19922	300.03	0	48.851754	-86.954583	56402.68	56243.7	6.28	56408.96	56409.12891	56406.58873	56407.86719	503331.8	5410977.1
L3330.0	503331.8	5410976.3	39139.30078	299.18	0	48.851746	-86.954583	56402.30	56243.7	6.28	56408.58	56408.75000	56406.80287	56408.07031	503331.8	5410976.3
L3330.0	503331.8	5410975.3	39139.39844	302.25	0	48.851737	-86.954583	56402.02	56243.7	6.28	56408.30	56408.47266	56408.64496	56409.89844	503331.8	5410975.3
L3330.0	503331.8	5410975.3	39139.50000	304.37	0	48.851737	-86.954583	56401.79	56243.7	6.28	56408.07	56408.24609	56411.41031	56412.65234	503331.8	5410975.3
L3330.0	503331.8	5410974.1	39139.60156	304.30	0	48.851726	-86.954583	56401.54	56243.7	6.29	56407.82	56407.99609	56414.01910	56415.25000	503331.8	5410974.1
L3330.0	503331.8	5410973.1	39139.69922	302.46	0	48.851717	-86.954583	56400.89	56243.7	6.29	56407.18	56407.35938	56410.36577	56411.58594	503331.8	5410973.1

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L3330.0	503331.8	5410972.3	39139.80078	303.22	0	48.851710	-86.954583	56400.74	56243.7	6.29	56407.03	56407.21094	56414.84535	56416.05859	503331.8	5410972.3
L3330.0	503331.8	5410971.2	39139.89844	304.47	0	48.851700	-86.954583	56399.84	56243.7	6.29	56406.13	56406.31250	56406.70263	56407.91016	503331.8	5410971.2
L3330.0	503331.8	5410971.2	39140.00000	303.56	0	48.851700	-86.954583	56399.85	56243.7	6.29	56406.14	56406.32031	56414.13974	56415.33984	503331.8	5410971.2
L3330.0	503331.8	5410969.8	39140.10156	302.66	0	48.851688	-86.954583	56398.81	56243.7	6.29	56405.09	56405.27344	56403.03208	56404.22656	503331.8	5410969.8
L3330.0	503331.8	5410969.8	39140.19922	304.49	0	48.851688	-86.954583	56398.68	56243.7	6.28	56404.96	56405.14453	56408.13404	56409.32422	503331.8	5410969.8
L3330.0	503331.8	5410968.8	39140.30078	303.27	0	48.851678	-86.954583	56397.83	56243.7	6.28	56404.11	56404.29688	56400.17636	56401.36719	503331.8	5410968.8
L3330.0	503331.7	5410967.6	39140.39844	301.28	0	48.851667	-86.954583	56397.66	56243.7	6.27	56403.93	56404.11719	56404.37588	56405.56250	503331.7	5410967.6
L3330.0	503331.7	5410966.4	39140.50000	302.37	0	48.851657	-86.954583	56397.04	56243.7	6.27	56403.31	56403.50000	56400.37418	56401.56250	503331.7	5410966.4
L3330.0	503331.7	5410966.4	39140.60156	303.36	0	48.851657	-86.954583	56396.73	56243.7	6.27	56403.00	56403.18750	56402.06901	56403.25391	503331.7	5410966.4
L3330.0	503331.7	5410965.2	39140.69922	304.69	0	48.851646	-86.954584	56396.33	56243.7	6.26	56402.59	56402.78125	56401.81529	56403.00391	503331.7	5410965.2
L3330.0	503331.7	5410964.1	39140.80078	303.03	0	48.851636	-86.954584	56395.99	56243.7	6.26	56402.25	56402.44141	56402.81103	56404.00391	503331.7	5410964.1
L3330.0	503331.7	5410964.1	39140.89844	303.43	0	48.851636	-86.954584	56395.48	56243.7	6.25	56401.73	56401.92188	56400.33905	56401.53516	503331.7	5410964.1
L3330.0	503331.7	5410963.1	39141.00000	304.04	0	48.851627	-86.954584	56394.97	56243.8	6.25	56401.22	56401.41406	56398.02460	56399.22266	503331.7	5410963.1
L3330.0	503331.7	5410961.7	39141.10156	305.25	0	48.851614	-86.954584	56394.95	56243.8	6.25	56401.19	56401.38281	56404.73670	56405.94141	503331.7	5410961.7
L3330.0	503331.7	5410960.9	39141.19922	304.68	0	48.851608	-86.954584	56394.31	56243.8	6.24	56400.56	56400.75391	56400.18476	56401.39453	503331.7	5410960.9
L3330.0	503331.7	5410960.0	39141.30078	304.17	0	48.851599	-86.954584	56394.28	56243.8	6.24	56400.52	56400.71484	56406.66748	56407.88281	503331.7	5410960.0
L3330.0	503331.7	5410960.0	39141.39844	305.26	0	48.851599	-86.954584	56393.49	56243.8	6.24	56399.73	56399.92578	56399.35639	56400.58203	503331.7	5410960.0
L3330.0	503331.7	5410958.9	39141.50000	305.12	0	48.851589	-86.954584	56393.52	56243.8	6.24	56399.75	56399.94531	56406.97462	56408.20703	503331.7	5410958.9
L3330.0	503331.7	5410957.1	39141.60156	302.08	0	48.851573	-86.954584	56393.21	56243.8	6.23	56399.45	56399.64453	56408.79670	56410.03516	503331.7	5410957.1
L3330.0	503331.7	5410957.1	39141.69922	301.31	0	48.851573	-86.954584	56392.50	56243.8	6.23	56398.72	56398.91797	56403.10061	56404.35156	503331.7	5410957.1
L3330.0	503331.7	5410955.8	39141.80078	302.42	0	48.851562	-86.954584	56391.94	56243.8	6.23	56398.16	56398.35547	56400.64125	56401.90234	503331.7	5410955.8
L3330.0	503331.7	5410954.7	39141.89844	302.13	0	48.851552	-86.954584	56391.29	56243.8	6.22	56397.52	56397.71875	56396.99750	56398.26953	503331.7	5410954.7
L3330.0	503331.7	5410954.7	39142.00000	302.38	0	48.851552	-86.954584	56391.25	56243.8	6.22	56397.47	56397.66797	56403.52025	56404.80469	503331.7	5410954.7
L3330.0	503331.7	5410953.4	39142.10156	302.17	0	48.851540	-86.954585	56390.13	56243.8	6.22	56396.35	56396.54688	56392.13687	56393.42969	503331.7	5410953.4
L3330.0	503331.7	5410951.8	39142.19922	302.39	0	48.851526	-86.954585	56389.84	56243.8	6.21	56396.06	56396.25781	56394.73219	56396.03906	503331.7	5410951.8
L3330.0	503331.7	5410951.8	39142.30078	304.23	0	48.851526	-86.954585	56388.75	56243.8	6.21	56394.96	56395.15625	56384.20739	56385.52734	503331.7	5410951.8
L3330.0	503331.6	5410950.9	39142.39844	302.80	0	48.851517	-86.954585	56389.03	56243.8	6.21	56395.24	56395.43750	56395.91500	56397.25000	503331.6	5410950.9
L3330.0	503331.6	5410949.5	39142.50000	302.14	0	48.851505	-86.954585	56388.64	56243.8	6.21	56394.85	56395.04688	56396.76475	56398.11328	503331.6	5410949.5
L3330.0	503331.6	5410949.5	39142.60156	302.51	0	48.851505	-86.954585	56388.36	56243.8	6.20	56394.57	56394.76953	56399.25776	56400.62109	503331.6	5410949.5
L3330.0	503331.6	5410948.1	39142.69922	300.90	0	48.851492	-86.954585	56387.83	56243.8	6.20	56394.03	56394.22656	56397.65203	56399.03125	503331.6	5410948.1
L3330.0	503331.6	5410946.9	39142.80078	301.64	0	48.851482	-86.954585	56387.14	56243.8	6.20	56393.34	56393.53906	56393.73283	56395.12500	503331.6	5410946.9
L3330.0	503331.6	5410945.6	39142.89844	301.04	0	48.851470	-86.954586	56386.61	56243.8	6.19	56392.80	56392.99609	56392.08627	56393.49609	503331.6	5410945.6
L3330.0	503331.6	5410945.6	39143.00000	300.95	0	48.851470	-86.954586	56385.91	56243.8	6.19	56392.10	56392.29688	56387.99325	56389.41797	503331.6	5410945.6
L3330.0	503331.6	5410944.1	39143.10156	301.23	0	48.851456	-86.954586	56386.07	56243.8	6.19	56392.26	56392.45703	56396.83937	56398.27734	503331.6	5410944.1
L3330.0	503331.6	5410944.1	39143.19922	300.45	0	48.851456	-86.954586	56385.48	56243.8	6.19	56391.67	56391.86719	56394.36274	56395.82031	503331.6	5410944.1
L3330.0	503331.5	5410943.0	39143.30078	301.01	0	48.851446	-86.954586	56385.22	56243.8	6.19	56391.42	56391.61719	56396.99359	56398.46875	503331.5	5410943.0
L3330.0	503331.5	5410943.0	39143.39844	304.26	0	48.851446	-86.954586	56384.16	56243.8	6.19	56390.35	56390.54688	56387.37738	56388.86719	503331.5	5410943.0
L3330.0	503331.5	5410941.3	39143.50000	304.19	0	48.851431	-86.954587	56384.07	56243.8	6.19	56390.27	56390.46484	56392.59562	56394.10156	503331.5	5410941.3
L3330.0	503331.5	5410940.4	39143.60156	303.35	0	48.851423	-86.954587	56383.23	56243.8	6.20	56389.43	56389.62500	56386.51559	56388.03906	503331.5	5410940.4
L3330.0	503331.5	5410939.4	39143.69922	303.55	0	48.851414	-86.954587	56383.34	56243.8	6.20	56389.53	56389.72656	56394.46206	56396.00391	503331.5	5410939.4
L3330.0	503331.4	5410938.2	39143.80078	304.62	0	48.851403	-86.954588	56382.54	56243.8	6.20	56388.74	56388.93359	56389.21154	56390.76953	503331.4	5410938.2
L3330.0	503331.4	5410938.2	39143.89844	303.84	0	48.851403	-86.954588	56382.16	56243.8	6.20	56388.36	56388.55469	56390.06660	56391.64453	503331.4	5410938.2
L3330.0	503331.4	5410936.9	39144.00000	301.36	0	48.851392	-86.954588	56381.60	56243.8	6.20	56387.80	56387.99219	56388.26559	56389.85938	503331.4	5410936.9
L3330.0	503331.4	5410935.5	39144.10156	302.60	0	48.851379	-86.954589	56380.94	56243.8	6.20	56387.14	56387.33203	56384.99109	56386.60156	503331.4	5410935.5
L3330.0	503331.3	5410934.0	39144.19922	303.19	0	48.851365	-86.954589	56380.51	56243.8	6.19	56386.70	56386.89453	56384.92300	56386.55078	503331.3	5410934.0
L3330.0	503331.3	5410934.0	39144.30078	301.00	0	48.851365	-86.954589	56379.61	56243.8	6.19	56385.80	56385.99219	56378.11077	56379.75781	503331.3	5410934.0
L3330.0	503331.3	5410933.0	39144.39844	300.35	0	48.851356	-86.954590	56379.92	56243.8	6.19	56386.11	56386.30078	56388.80249	56390.46484	503331.3	5410933.0
L3330.0	503331.3	5410932.0	39144.50000	301.94	0	48.851347	-86.954590	56379.31	56243.8	6.18	56385.49	56385.67969	56385.92157	56387.60156	503331.3	5410932.0
L3330.0	503331.2	5410930.4	39144.60156	301.68	0	48.851333	-86.954591	56379.43	56243.8	6.18	56385.62	56385.80859	56393.67068	56395.36328	503331.2	5410930.4
L3330.0	503331.2	5410930.4	39144.69922	301.58	0	48.851333	-86.954591	56378.62	56243.8	6.18	56384.80	56384.98828	56387.80286	56389.51563	503331.2	5410930.4
L3330.0	503331.2	5410929.0	39144.80078	301.22	0	48.851321	-86.954591	56378.14	56243.8	6.18	56384.31	56384.50000	56386.57862	56388.30859	503331.2	5410929.0
L3330.0	503331.2	5410929.0	39144.89844	302.10	0	48.851321	-86.954591	56377.26	56243.8	6.17	56383.43	56383.61719	56379.94545	56381.69141	503331.2	5410929.0
L3330.0	503331.2	5410927.9	39145.00000	302.23	0	48.851310	-86.954591	56376.62	56243.8	6.17	56382.79	56382.97656	56376.69698	56378.45703	503331.2	5410927.9
L3330.0	503331.2	5410926.5	39145.10156	301.94	0	48.851298	-86.954591	56376.60	56243.8	6.17	56382.77	56382.95703	56381.86142	56383.63672	503331.2	5410926.5
L3330.0	503331.1	5410924.9	39145.19922	301.75	0	48.851283	-86.954592	56376.17	56243.8	6.17	56382.34	56382.52344	56381.45111	56383.24219	503331.1	5410924.9
L3330.0	503331.1	5410924.9	39145.30078	301.23	0	48.851283	-86.954592	56376.34	56243.8	6.17	56382.51	56382.69531	56388.97579	56390.78125	503331.1	5410924.9
L3330.0	503331.1	5410923.6	39145.39844	302.18	0	48.851272	-86.954592	56375.30	56243.8	6.17	56381.47	56381.65234	56380.60348	56382.42578	503331.1	5410923.6
L3330.0	503331.1	5410922.4	39145.50000	303.09	0	48.851261	-86.954592	56375.78	56243.8	6.17	56381.95	56382.13281	56392.05518	56393.89063	503331.1	5410922.4
L3330.0	503331.1	5410922.4	39145.60156	300.50	0	48.851261	-86.954592	56374.10	56243.8	6.17	56380.27	56380.44922	56375.72955	56377.57813	503331.1	5410922.4
L3330.0	503331.1	5410921.1	39145.69922	299.89	0	48.851249	-86.954592	56374.02	56243.8	6.17	56380.19	56380.36719	56379.99751	56381.85938	503331.1	5410921.1
L3330.0	503331.1	5410919.7	39145.80078	300.25	0	48.851237	-86.954592	56373.51	56243.8	6.17	56379.68	56379.85547	56378.81451	56380.69141	503331.1	5410919.7
L3330.0	503331.2	5410918.3	39145.89844	299.87	0	48.851224	-86.954592	56373.13	56243.8	6.17	56379.29	56379.46484	56379.14985	56381.03906	503331.2	5410918.3
L3330.0	503331.2	5410918.3	39146.00000	301.35	0	48.851224	-86.954592	56372.59	56243.8	6.17	56378.76	56378.93359	56377.73038	56379.63281	503331.2	5410918.3
L3330.0	503331.2	5410916.9	39146.10156	301.82	0	48.851211	-86.954591	56372.11	56243.8	6.17	56378.28	56378.45313	56376.90552	56378.81641	503331.2	5410916.9
L3330.0	503331.2	5410915.4	39146.19922	301.54	0	48.851198	-86.954591	56372.00	56243.8	6.17	56378.17	56378.33984	56380.55691	56382.48047	503331.2	5410915.4
L3330.0	503331.2	5410915.4	39146.30078	300.22	0	48.851198	-86.954591	56371.01	56243.8	6.17	56377.18	56377.35156	56373.38172	56375.31641	503331.2	5410915.4
L3330.0	503331.2	5410913.8	39146.39844	300.94	0	48.851183	-86.954591	56371.03	56243.8	6.17	56377.20	56377.36719	56378.41325	56380.35938	503331.2	5410913.8
L3330.0	503331.2	5410913.8	39146.50000	300.77	0	48.851183	-86.954591	56370.47	56243.8	6.17	56376.64	56376.80469	56376.30898	56378.26172	503331.2	5410913.8
L3330.0	503331.2	5410912.6	39146.60156	302.03	0	48.851173	-86.954591	56370.55	56243.8	6.16	56376.72	56376.88281	56381.79202	56383.75391	503331.2	5410912.6
L3330.0	503331.2	5410910.9	39146.69922	300.88	0	48.851158	-86.954591	56369.81	56243.8	6.16	56375.97	56376.13281	56377.23072	56379.20313	503331.2	5410910.9
L3330.0	503331.2	5410909.8	39146.80078	301.00	0	48.851147	-86.954591	56369.12	56243.8	6.16	56375.28	56375.44141	56373.34583	56375.32422	503331.2	5410909.8
L3330.0	503331.2	5410909.8	39146.89844	300.56	0	48.851147	-86.954591	56368.94	56243.8	6.16	56375.10	56375.25781	56375.45269	56377.44141	503331.2	5410909.8
L3330.0	503331.2	5410908.6	39147.00000	300.71	0	48.851137	-86.954591	56368.10	56243.8	6.16	56374.26	56374.41797	56369.76772	56371.76172	503331.2	5410908.6
L3330.0	503331.2	5410907.3	39147.10156	302.03	0	48.851125	-86.954591	56368.05	56243.8	6.16	56374.21	56374.36719	56373.32416	56375.32422	503331.2	5410907.3
L3330.0	503331.2	5410907.3	39147.19922	304.13	0	48.851125	-86.954591	56367.62	56243.8	6.16	56373.78	56373.93359	56372.45629	56374.46094	503331.2	5410907.3
L3330.0	503331.2	5410905.7	39147.30078	303.41	0	48.851111	-86.954591	56367.62	56243.8	6.16	56373.78	56373.92969	56376.52105	56378.53125	503331.2	5410905.7
L3330.0	503331.2	5410904.7	39147.39844	301.46	0	48.851102	-86.954591	56366.86	56243.8	6.16	56373.01	56373.16016	56371.88116	56373.89844	503331.2	5410904.7
L3330.0	503331.2	5410903.5	39147.50000	298.86	0	48.851091	-86.954591	56366.82	56243.8	6.16	56372.98	56373.12891	56375.60828	56377.62500	503331.2	5410903.5
L3330.0	503331.2	5410903.5	39147.60156	299.69	0	48.851091	-86.954591	56366.21	56243.8	6.15	56372.37	56372.51563	56372.94510	56374.96484	503331.2	5410903.5
L3330.0	503331.2	5410902.3	39147.69922	299.18	0	48.851080	-86.954591	56365.86	56243.8	6.15	56372.01	56372.15234	56373.09356	56375.11719	503331.2	5410902.3
L3330.0	503331.2	5410901.1	39147.80078	298.52	0	48.851069	-86.954592	56365.50	56243.8	6.15	56371.65	56371.78906	56373.27092	56375.29688	503331.2	5410901.1
L3330.0	503331.2	5410899.8	39147.89844	300.45	0	48.851058	-86.954592	56364.73	56243.8	6.15	56370.88	56371.01953	56369.17002	56371.19531	503331.2	5410899.8
L3330.0	503331.2	5410898.4	39148.00000	303.10	0	48.851045	-86.954592	56364.66	56243.8	6.15	56370.81	56370.94531	56372.40520	56374.42969	503331.2	5410898.4
L3330.0	503331.2	5410897.0	39148.10156	303.32	0	48.851033	-86.954592	56364.02	56243.9	6.15	56370.17	56370.30469	56369.70758	56371.73047	503331.2	5410897.0
L3330.0	503331.2	5410897.0	39148.19922	301.60	0	48.851033	-86.954592	56363.89	56243.9	6.15	56370.04	56370.17188	56372.19519	56374.21875	503331.2	5410897.0
L3330.0	503331.2	5410895.6	39148.30078	300.50	0	48.851020	-86.954592	56363.05	56243.9	6.15	56369.19	56369.31641	56367.28079	56369.30078	503331.2	5410895.6
L3330.0	503331.1	5410894.2	39148.39844	300.15	0	48.851007	-86.954592	56362.94	56243.9	6.15	56369.09	56369.21484	56369.90128	56371.91797	503331.1	5410894.2
L3330.0	503331.1	5410894.2	39148.50000	299.40	0	48.851007	-86.954592	56362.43	56243.9	6.14	56368.58	56368.70313	56368.24312	56370.25781	503331.1	5410894.2
L3330.0	503331.1	5410892.7	39148.60156	298.10	0	48.850994	-86.954592	56362.20	56243.9	6.14	56368.34	56368.46094	56369.21951	56371.22656	503331.1	5410892.7
L3330.0	503331.1	5410891.2	39148.69922	298.92	0	48.850980	-86.954593	56361.42	56243.9	6.14	56367.56	56367.67578	56364.47250	56366.47656	503331.1	5410891.2
L3330.0	503331.1	5410891.2	39148.80078	299.51	0	48.850980	-86.954593	56360.95	56243.9	6.14	56367.10	56367.21484	56362.83757	56364.83594	503331.1	5410891.2
L3330.0	503331.1	5410890.2	39148.89844	300.95	0	48.850972	-86.954593	56360.95	56243.9	6.14	56367.09	56367.20313	56365.84616	56367.83594	503331.1	5410890.2
L3330.0	503331.1	5410888.8	39149.00000	300.60	0	48.850959	-86.954593	56360.72	56243.9	6.14	56366.86	56366.96875	56366.44057	56368.42188	503331.1	5410888.8

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L3330.0	503331.1	5410888.8	39149.10156	299.47	0	48.850959	-86.954593	56360.78	56243.9	6.14	56366.92	56367.02734	56370.22095	56372.19531	503331.1	5410888.8
L3330.0	503331.0	5410887.3	39149.19922	301.89	0	48.850945	-86.954594	56359.83	56243.9	6.14	56365.97	56366.07422	56362.46109	56364.42578	503331.0	5410887.3
L3330.0	503331.0	5410885.8	39149.30078	301.53	0	48.850932	-86.954594	56359.61	56243.9	6.14	56365.75	56365.85156	56362.86624	56364.82031	503331.0	5410885.8
L3330.0	503331.0	5410885.8	39149.39844	300.54	0	48.850932	-86.954594	56358.79	56243.9	6.14	56364.93	56365.02734	56355.92160	56357.86719	503331.0	5410885.8
L3330.0	503330.9	5410884.2	39149.50000	301.84	0	48.850918	-86.954595	56359.32	56243.9	6.14	56365.46	56365.55469	56365.51743	56367.44922	503330.9	5410884.2
L3330.0	503330.9	5410882.6	39149.60156	303.56	0	48.850903	-86.954596	56359.68	56243.9	6.14	56365.82	56365.91016	56373.48716	56375.40625	503330.9	5410882.6
L3330.0	503330.9	5410882.6	39149.69922	301.99	0	48.850903	-86.954596	56359.63	56243.9	6.14	56365.77	56365.85938	56376.45914	56378.36719	503330.9	5410882.6
L3330.0	503330.8	5410880.9	39149.80078	300.49	0	48.850888	-86.954596	56359.20	56243.9	6.14	56365.33	56365.41406	56374.23571	56376.12891	503330.8	5410880.9
L3330.0	503330.8	5410879.4	39149.89844	301.85	0	48.850874	-86.954597	56358.56	56243.9	6.14	56364.70	56364.78125	56369.19067	56371.07031	503330.8	5410879.4
L3330.0	503330.8	5410878.1	39150.00000	302.58	0	48.850863	-86.954597	56357.87	56243.9	6.14	56364.01	56364.08984	56363.00181	56364.86719	503330.8	5410878.1
L3330.0	503330.8	5410878.1	39150.10156	302.11	0	48.850863	-86.954597	56357.22	56243.9	6.14	56363.36	56363.43750	56357.10307	56358.95313	503330.8	5410878.1
L3330.0	503330.8	5410876.6	39150.19922	301.77	0	48.850849	-86.954597	56357.10	56243.9	6.14	56363.24	56363.31250	56358.93003	56360.76172	503330.8	5410876.6
L3330.0	503330.8	5410876.6	39150.30078	305.31	0	48.850849	-86.954597	56356.48	56243.9	6.14	56362.62	56362.68750	56353.15201	56354.96875	503330.8	5410876.6
L3330.0	503330.8	5410875.1	39150.39844	304.69	0	48.850836	-86.954597	56356.64	56243.9	6.14	56362.78	56362.84766	56359.26957	56361.06641	503330.8	5410875.1
L3330.0	503330.8	5410873.6	39150.50000	303.39	0	48.850822	-86.954597	56356.14	56243.9	6.13	56362.27	56362.33203	56354.99043	56356.76953	503330.8	5410873.6
L3330.0	503330.8	5410872.3	39150.60156	301.39	0	48.850810	-86.954597	56356.62	56243.9	6.13	56362.75	56362.80859	56366.22037	56367.98047	503330.8	5410872.3
L3330.0	503330.8	5410872.3	39150.69922	302.83	0	48.850810	-86.954597	56356.21	56243.9	6.13	56362.34	56362.39844	56363.39985	56365.14063	503330.8	5410872.3
L3330.0	503330.7	5410870.7	39150.80078	301.84	0	48.850796	-86.954598	56356.26	56243.9	6.13	56362.39	56362.44141	56367.81712	56369.53906	503330.7	5410870.7
L3330.0	503330.7	5410870.7	39150.89844	301.22	0	48.850796	-86.954598	56355.54	56243.9	6.13	56361.67	56361.71875	56359.94650	56361.64453	503330.7	5410870.7
L3330.0	503330.7	5410869.0	39151.00000	302.92	0	48.850781	-86.954598	56355.46	56243.9	6.13	56361.59	56361.63672	56362.23436	56363.91406	503330.7	5410869.0
L3330.0	503330.7	5410867.4	39151.10156	302.91	0	48.850767	-86.954598	56355.14	56243.9	6.13	56361.27	56361.31250	56360.71379	56362.36719	503330.7	5410867.4
L3330.0	503330.7	5410866.1	39151.19922	303.02	0	48.850754	-86.954599	56355.24	56243.9	6.13	56361.37	56361.41016	56365.84611	56367.47656	503330.7	5410866.1
L3330.0	503330.7	5410866.1	39151.30078	302.83	0	48.850754	-86.954599	56355.46	56243.9	6.13	56361.59	56361.62891	56372.84058	56374.44922	503330.7	5410866.1
L3330.0	503330.7	5410864.2	39151.39844	303.85	0	48.850737	-86.954599	56355.01	56243.9	6.13	56361.15	56361.18359	56369.53383	56371.12109	503330.7	5410864.2
L3330.0	503330.7	5410864.2	39151.50000	303.72	0	48.850737	-86.954599	56354.16	56243.9	6.13	56360.29	56360.32031	56359.86603	56361.42578	503330.7	5410864.2
L3330.0	503330.7	5410862.5	39151.60156	301.62	0	48.850722	-86.954599	56353.30	56243.9	6.14	56359.44	56359.46875	56350.59139	56352.12891	503330.7	5410862.5
L3330.0	503330.7	5410860.9	39151.69922	300.90	0	48.850708	-86.954599	56353.22	56243.9	6.14	56359.36	56359.38281	56353.21171	56354.72266	503330.7	5410860.9
L3330.0	503330.7	5410859.7	39151.80078	303.45	0	48.850697	-86.954599	56352.64	56243.9	6.14	56358.78	56358.80078	56348.36408	56349.84766	503330.7	5410859.7
L3330.0	503330.7	5410859.7	39151.89844	302.89	0	48.850697	-86.954599	56353.07	56243.9	6.14	56359.21	56359.22656	56358.56707	56360.02734	503330.7	5410859.7
L3330.0	503330.7	5410858.2	39152.00000	301.42	0	48.850683	-86.954599	56353.07	56243.9	6.14	56359.21	56359.22266	56362.24043	56363.67188	503330.7	5410858.2
L3330.0	503330.7	5410857.3	39152.10156	302.62	0	48.850676	-86.954599	56353.38	56243.9	6.14	56359.52	56359.53125	56370.18643	56371.58984	503330.7	5410857.3
L3330.0	503330.7	5410857.3	39152.19922	303.36	0	48.850676	-86.954599	56352.68	56243.9	6.15	56358.83	56358.83984	56363.72516	56365.10156	503330.7	5410857.3
L3330.0	503330.7	5410855.5	39152.30078	302.45	0	48.850659	-86.954599	56352.05	56243.8	6.15	56358.20	56358.20313	56358.20740	56359.55469	503330.7	5410855.5
L3330.0	503330.7	5410853.8	39152.39844	301.16	0	48.850644	-86.954599	56351.56	56243.8	6.16	56357.72	56357.72266	56354.78774	56356.10938	503330.7	5410853.8
L3330.0	503330.7	5410853.8	39152.50000	300.10	0	48.850644	-86.954599	56351.21	56243.8	6.16	56357.37	56357.36719	56353.06241	56354.35547	503330.7	5410853.8
L3330.0	503330.7	5410852.2	39152.60156	300.86	0	48.850630	-86.954599	56351.21	56243.8	6.16	56357.37	56357.36719	56355.74248	56357.00391	503330.7	5410852.2
L3330.0	503330.7	5410850.8	39152.69922	299.77	0	48.850617	-86.954599	56351.13	56243.8	6.17	56357.30	56357.29297	56357.22384	56358.45703	503330.7	5410850.8
L3330.0	503330.7	5410850.8	39152.80078	299.90	0	48.850617	-86.954599	56351.13	56243.8	6.17	56357.30	56357.28906	56359.29649	56360.50000	503330.7	5410850.8
L3330.0	503330.7	5410849.0	39152.89844	302.01	0	48.850601	-86.954599	56350.67	56243.8	6.18	56356.84	56356.82813	56355.56389	56356.73828	503330.7	5410849.0
L3330.0	503330.6	5410847.7	39153.00000	301.21	0	48.850589	-86.954599	56350.54	56243.8	6.18	56356.72	56356.70313	56355.80722	56356.95313	503330.6	5410847.7
L3330.0	503330.6	5410847.7	39153.10156	299.66	0	48.850589	-86.954599	56349.82	56243.8	6.18	56356.01	56355.99219	56349.12109	56350.23438	503330.6	5410847.7
L3330.0	503330.6	5410846.4	39153.19922	300.45	0	48.850577	-86.954600	56350.06	56243.8	6.18	56356.24	56356.21875	56353.11610	56354.19922	503330.6	5410846.4
L3330.0	503330.6	5410845.3	39153.30078	301.76	0	48.850567	-86.954600	56350.46	56243.8	6.18	56356.65	56356.62500	56358.83728	56359.89063	503330.6	5410845.3
L3330.0	503330.6	5410844.1	39153.39844	301.28	0	48.850557	-86.954600	56350.69	56243.8	6.18	56356.88	56356.85156	56362.35088	56363.37500	503330.6	5410844.1
L3330.0	503330.6	5410844.1	39153.50000	300.21	0	48.850557	-86.954600	56350.54	56243.8	6.18	56356.73	56356.69922	56361.64675	56362.64063	503330.6	5410844.1
L3330.0	503330.5	5410842.6	39153.60156	299.94	0	48.850544	-86.954601	56349.75	56243.8	6.19	56355.93	56355.89453	56353.95996	56354.92188	503330.5	5410842.6
L3330.0	503330.5	5410841.3	39153.69922	299.31	0	48.850532	-86.954601	56349.98	56243.8	6.19	56356.17	56356.13281	56357.45280	56358.38281	503330.5	5410841.3
L3330.0	503330.5	5410840.0	39153.80078	300.21	0	48.850520	-86.954602	56349.29	56243.8	6.19	56355.48	56355.44141	56350.97615	56351.87500	503330.5	5410840.0
L3330.0	503330.5	5410840.0	39153.89844	299.63	0	48.850520	-86.954602	56350.13	56243.8	6.19	56356.32	56356.27734	56360.94427	56361.81250	503330.5	5410840.0
L3330.0	503330.5	5410838.6	39154.00000	298.29	0	48.850507	-86.954602	56349.24	56243.8	6.19	56355.43	56355.38672	56352.29734	56353.13672	503330.5	5410838.6
L3330.0	503330.4	5410837.3	39154.10156	299.61	0	48.850496	-86.954602	56349.60	56243.8	6.19	56355.79	56355.74219	56357.22027	56358.02734	503330.4	5410837.3
L3330.0	503330.4	5410837.3	39154.19922	300.57	0	48.850496	-86.954602	56349.32	56243.8	6.19	56355.51	56355.46094	56355.18441	56355.96094	503330.4	5410837.3
L3330.0	503330.4	5410835.8	39154.30078	301.07	0	48.850482	-86.954603	56349.62	56243.8	6.20	56355.82	56355.76953	56359.77554	56360.51953	503330.4	5410835.8
L3330.0	503330.4	5410834.5	39154.39844	301.43	0	48.850470	-86.954603	56349.26	56243.8	6.20	56355.46	56355.40625	56356.85300	56357.56641	503330.4	5410834.5
L3330.0	503330.4	5410832.9	39154.50000	302.43	0	48.850456	-86.954603	56349.02	56243.8	6.20	56355.22	56355.16406	56355.23698	56355.92188	503330.4	5410832.9
L3330.0	503330.4	5410831.4	39154.60156	302.23	0	48.850443	-86.954603	56349.01	56243.8	6.20	56355.21	56355.15234	56356.32185	56356.97656	503330.4	5410831.4
L3330.0	503330.4	5410831.4	39154.69922	300.93	0	48.850443	-86.954603	56348.47	56243.8	6.20	56354.68	56354.62109	56351.02932	56351.65234	503330.4	5410831.4
L3330.0	503330.4	5410830.3	39154.80078	302.16	0	48.850433	-86.954603	56348.47	56243.8	6.21	56354.68	56354.61719	56352.16886	56352.76172	503330.4	5410830.3
L3330.0	503330.4	5410828.9	39154.89844	303.11	0	48.850420	-86.954602	56348.39	56243.8	6.21	56354.60	56354.53516	56352.30857	56352.87109	503330.4	5410828.9
L3330.0	503330.4	5410828.9	39155.00000	301.57	0	48.850420	-86.954602	56349.02	56243.8	6.21	56355.23	56355.16406	56361.98673	56362.51953	503330.4	5410828.9
L3330.0	503330.4	5410827.5	39155.10156	300.82	0	48.850408	-86.954602	56348.86	56243.8	6.21	56355.07	56355.00000	56361.26910	56361.77344	503330.4	5410827.5
L3330.0	503330.5	5410825.8	39155.19922	302.11	0	48.850392	-86.954602	56348.70	56243.8	6.22	56354.92	56354.84766	56360.62298	56361.09766	503330.5	5410825.8
L3330.0	503330.5	5410825.8	39155.30078	302.38	0	48.850392	-86.954602	56347.98	56243.8	6.22	56354.20	56354.12891	56351.55420	56352.00000	503330.5	5410825.8
L3330.0	503330.5	5410824.2	39155.39844	301.47	0	48.850378	-86.954602	56347.94	56243.8	6.22	56354.16	56354.08594	56352.20021	56352.61719	503330.5	5410824.2
L3330.0	503330.5	5410824.2	39155.50000	301.65	0	48.850378	-86.954602	56348.02	56243.8	6.22	56354.24	56354.16406	56354.74606	56355.13672	503330.5	5410824.2
L3330.0	503330.5	5410822.5	39155.60156	302.17	0	48.850363	-86.954601	56347.68	56243.8	6.23	56353.91	56353.83203	56350.87978	56351.24219	503330.5	5410822.5
L3330.0	503330.5	5410820.9	39155.69922	301.27	0	48.850348	-86.954601	56347.86	56243.8	6.23	56354.09	56354.01172	56355.20574	56355.53906	503330.5	5410820.9
L3330.0	503330.6	5410819.4	39155.80078	300.50	0	48.850334	-86.954601	56347.66	56243.8	6.23	56353.89	56353.80859	56353.35017	56353.65625	503330.6	5410819.4
L3330.0	503330.6	5410819.4	39155.89844	299.71	0	48.850334	-86.954601	56347.76	56243.8	6.24	56354.00	56353.91797	56356.82941	56357.10938	503330.6	5410819.4
L3330.0	503330.6	5410817.7	39156.00000	301.65	0	48.850320	-86.954600	56347.35	56243.8	6.24	56353.59	56353.50781	56351.16737	56351.42188	503330.6	5410817.7
L3330.0	503330.6	5410816.1	39156.10156	304.03	0	48.850305	-86.954600	56347.66	56243.8	6.24	56353.90	56353.81641	56358.52885	56358.75781	503330.6	5410816.1
L3330.0	503330.6	5410816.1	39156.19922	303.78	0	48.850305	-86.954600	56347.53	56243.8	6.24	56353.76	56353.67578	56357.75407	56357.95703	503330.6	5410816.1
L3330.0	503330.6	5410814.3	39156.30078	303.55	0	48.850289	-86.954600	56347.23	56243.8	6.23	56353.46	56353.37500	56353.82700	56354.00391	503330.6	5410814.3
L3330.0	503330.7	5410813.0	39156.39844	301.90	0	48.850277	-86.954599	56347.48	56243.8	6.23	56353.71	56353.62109	56360.65597	56360.80859	503330.7	5410813.0
L3330.0	503330.7	5410813.0	39156.50000	303.60	0	48.850277	-86.954599	56347.36	56243.8	6.23	56353.58	56353.49219	56360.04020	56360.16797	503330.7	5410813.0
L3330.0	503330.7	5410811.4	39156.60156	303.51	0	48.850263	-86.954599	56347.63	56243.8	6.23	56353.86	56353.76953	56367.85194	56367.95703	503330.7	5410811.4
L3330.0	503330.7	5410809.6	39156.69922	306.03	0	48.850246	-86.954598	56346.36	56243.8	6.23	56352.58	56352.48828	56343.03753	56343.11719	503330.7	5410809.6
L3330.0	503330.8	5410808.5	39156.80078	306.38	0	48.850236	-86.954598	56346.66	56243.8	6.22	56352.88	56352.78906	56351.17367	56351.23047	503330.8	5410808.5
L3330.0	503330.8	5410808.5	39156.89844	305.74	0	48.850236	-86.954598	56346.18	56243.8	6.22	56352.40	56352.30859	56342.64742	56342.67969	503330.8	5410808.5
L3330.0	503330.8	5410806.7	39157.00000	304.23	0	48.850220	-86.954598	56346.48	56243.8	6.22	56352.70	56352.60938	56350.91173	56350.92578	503330.8	5410806.7
L3330.0	503330.8	5410805.3	39157.10156	305.34	0	48.850208	-86.954597	56346.54	56243.8	6.22	56352.76	56352.66797	56354.00383	56353.99609	503330.8	5410805.3
L3330.0	503330.9	5410803.8	39157.19922	306.35	0	48.850194	-86.954597	56346.74	56243.8	6.22	56352.96	56352.86719	56360.15125	56360.12109	503330.9	5410803.8
L3330.0	503330.9	5410803.8	39157.30078	306.12	0	48.850194	-86.954597	56346.84	56243.8	6.22	56353.06	56352.96484	56364.06999	56364.01953	503330.9	5410803.8
L3330.0	503330.9	5410802.4	39157.39844	305.56	0	48.850182	-86.954596	56346.00	56243.8	6.22	56352.22	56352.12500	56347.36624	56347.29688	503330.9	5410802.4
L3330.0	503330.9	5410800.7	39157.50000	305.55	0	48.850166	-86.954596	56346.51	56243.8	6.23	56352.73	56352.63672	56360.16352	56360.07422	503330.9	5410800.7
L3330.0	503330.9	5410800.7	39157.60156	304.48	0	48.850166	-86.954596	56345.95	56243.8	6.23	56352.17	56352.07422	56349.68031	56349.57422	503330.9	5410800.7
L3330.0	503331.0	5410799.5	39157.69922	303.29	0	48.850156	-86.954595	56346.26	56243.8	6.23	56352.49	56352.39453	56358.18126	56358.05469	503331.0	5410799.5
L3330.0	503331.0	5410797.8	39157.80078	301.91	0	48.850140	-86.954595	56345.92	56243.8	6.23	56352.15	56352.05469	56352.57581	56352.43359	503331.0	5410797.8
L3330.0	503331.0	5410796.2	39157.89844	303.26	0	48.850126	-86.954594	56346.23	56243.8	6.23	56352.46	56352.36719	56360.61373	56360.45313	503331.0	5410796.2
L3330.0	503331.0	5410796.2	39158.00000	303.61	0	48.850126	-86.954594	56345.90	56243.8	6.23	56352.13	56352.03516	56355.34754	56355.17188	503331.0	5410796.2
L3330.0	503331.1	5410794.7	39158.10156	303.92	0	48.850112	-86.954594	56345.46	56243.8	6.23	56351.69	56351.59766	56348.07630	56347.88672	503331.1	5410794.7
L3330.0	503331.1	5410794.7	39158.19922	303.23	0	48.850112	-86.954594	56345.64	56243.8	6.23	56351.88	56351.78516	56353.44266	56353.23438	503331.1	5410794.7
L3330.0	503331.1	5410793.1	39158.30078	303.51	0	48.850098	-86.954593	56345.57	56243.8	6.24	56351.80	56351.70703	56353.42127	56353.19922	503331.1	5410793.1

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L3330.0	503331.2	5410791.3	39158.39844	302.80	0	48.850082	-86.954593	56345.84	56243.8	6.24	56352.08	56351.98828	56360.17837	56359.94141	503331.2	5410791.3
L3330.0	503331.2	5410790.3	39158.50000	303.13	0	48.850073	-86.954592	56345.16	56243.8	6.24	56351.40	56351.30859	56348.98700	56348.73828	503331.2	5410790.3
L3330.0	503331.2	5410790.3	39158.60156	303.74	0	48.850073	-86.954592	56345.46	56243.8	6.24	56351.70	56351.60938	56355.95418	56355.69531	503331.2	5410790.3
L3330.0	503331.2	5410788.5	39158.69922	302.87	0	48.850057	-86.954592	56345.14	56243.8	6.24	56351.38	56351.28906	56351.68682	56351.41406	503331.2	5410788.5
L3330.0	503331.3	5410787.1	39158.80078	301.76	0	48.850044	-86.954591	56345.14	56243.8	6.25	56351.38	56351.28906	56353.17796	56352.89453	503331.3	5410787.1
L3330.0	503331.3	5410787.1	39158.89844	301.25	0	48.850044	-86.954591	56344.97	56243.8	6.25	56351.22	56351.13281	56351.91537	56351.62109	503331.3	5410787.1
L3330.0	503331.3	5410785.6	39159.00000	300.50	0	48.850030	-86.954591	56344.88	56243.8	6.25	56351.13	56351.04297	56351.92395	56351.62109	503331.3	5410785.6
L3330.0	503331.3	5410785.6	39159.10156	298.88	0	48.850030	-86.954591	56345.36	56243.7	6.25	56351.61	56351.52344	56361.45165	56361.13672	503331.3	5410785.6
L3330.0	503331.3	5410783.8	39159.19922	299.94	0	48.850014	-86.954591	56344.85	56243.7	6.25	56351.10	56351.01563	56354.56910	56354.24609	503331.3	5410783.8
L3330.0	503331.3	5410782.6	39159.30078	301.04	0	48.850004	-86.954590	56344.95	56243.7	6.26	56351.21	56351.12500	56357.92404	56357.59375	503331.3	5410782.6
L3330.0	503331.4	5410781.0	39159.39844	301.30	0	48.849989	-86.954590	56344.04	56243.7	6.26	56350.30	56350.21484	56345.19932	56344.85938	503331.4	5410781.0
L3330.0	503331.4	5410781.0	39159.50000	303.07	0	48.849989	-86.954590	56343.90	56243.7	6.26	56350.16	56350.07813	56344.90030	56344.55469	503331.4	5410781.0
L3330.0	503331.4	5410779.4	39159.60156	303.65	0	48.849975	-86.954590	56343.37	56243.7	6.26	56349.63	56349.55078	56338.83701	56338.48438	503331.4	5410779.4
L3330.0	503331.4	5410777.8	39159.69922	302.72	0	48.849960	-86.954590	56344.55	56243.7	6.26	56350.81	56350.73047	56358.11287	56357.75391	503331.4	5410777.8
L3330.0	503331.4	5410776.4	39159.80078	301.62	0	48.849948	-86.954589	56344.92	56243.7	6.27	56351.19	56351.11328	56365.00428	56364.64063	503331.4	5410776.4
L3330.0	503331.4	5410776.4	39159.89844	302.52	0	48.849948	-86.954589	56345.16	56243.7	6.27	56351.43	56351.35156	56369.53140	56369.16406	503331.4	5410776.4
L3330.0	503331.4	5410775.1	39160.00000	304.12	0	48.849936	-86.954589	56343.73	56243.7	6.27	56350.00	56349.92578	56351.39565	56351.02344	503331.4	5410775.1
L3330.0	503331.4	5410773.3	39160.10156	302.96	0	48.849920	-86.954589	56343.04	56243.7	6.27	56349.31	56349.23828	56343.87863	56343.50391	503331.4	5410773.3
L3330.0	503331.4	5410773.3	39160.19922	302.71	0	48.849920	-86.954589	56343.22	56243.7	6.27	56349.49	56349.41797	56347.64793	56347.26953	503331.4	5410773.3
L3330.0	503331.4	5410772.0	39160.30078	302.11	0	48.849908	-86.954589	56342.86	56243.7	6.27	56349.13	56349.05859	56344.53232	56344.15234	503331.4	5410772.0
L3330.0	503331.4	5410770.6	39160.39844	301.76	0	48.849895	-86.954590	56343.68	56243.7	6.27	56349.95	56349.88281	56355.32436	56354.94141	503331.4	5410770.6
L3330.0	503331.4	5410770.6	39160.50000	300.47	0	48.849895	-86.954590	56342.81	56243.7	6.28	56349.08	56349.01172	56346.13850	56345.75391	503331.4	5410770.6
L3330.0	503331.4	5410769.3	39160.60156	300.85	0	48.849884	-86.954590	56343.22	56243.7	6.28	56349.49	56349.42578	56351.47255	56351.08984	503331.4	5410769.3
L3330.0	503331.4	5410767.8	39160.69922	299.98	0	48.849871	-86.954590	56342.32	56243.7	6.28	56348.60	56348.53906	56342.49031	56342.10547	503331.4	5410767.8
L3330.0	503331.4	5410765.8	39160.80078	298.37	0	48.849852	-86.954590	56343.04	56243.7	6.28	56349.32	56349.25781	56350.66687	56350.28125	503331.4	5410765.8
L3330.0	503331.4	5410765.8	39160.89844	297.08	0	48.849852	-86.954590	56343.09	56243.7	6.28	56349.37	56349.31250	56351.57580	56351.19141	503331.4	5410765.8
L3330.0	503331.4	5410764.6	39161.00000	299.74	0	48.849842	-86.954590	56343.17	56243.7	6.28	56349.45	56349.39453	56352.74199	56352.36328	503331.4	5410764.6
L3330.0	503331.4	5410763.2	39161.10156	299.83	0	48.849829	-86.954590	56343.35	56243.7	6.28	56349.63	56349.57422	56354.91790	56354.53906	503331.4	5410763.2
L3330.0	503331.4	5410763.2	39161.19922	298.92	0	48.849829	-86.954590	56343.17	56243.7	6.28	56349.45	56349.39844	56353.54224	56353.16797	503331.4	5410763.2
L3330.0	503331.4	5410761.9	39161.30078	299.91	0	48.849817	-86.954590	56343.47	56243.7	6.28	56349.75	56349.69922	56357.12472	56356.75000	503331.4	5410761.9
L3330.0	503331.4	5410760.1	39161.39844	300.61	0	48.849801	-86.954590	56342.35	56243.7	6.28	56348.63	56348.58203	56346.35719	56345.98438	503331.4	5410760.1
L3330.0	503331.4	5410760.1	39161.50000	300.09	0	48.849801	-86.954590	56342.68	56243.7	6.27	56348.95	56348.90625	56350.43925	56350.07422	503331.4	5410760.1
L3330.0	503331.4	5410758.7	39161.60156	298.81	0	48.849788	-86.954590	56341.82	56243.7	6.27	56348.09	56348.04688	56342.21985	56341.85938	503331.4	5410758.7
L3330.0	503331.4	5410757.3	39161.69922	300.14	0	48.849776	-86.954590	56342.32	56243.7	6.27	56348.60	56348.55859	56348.83457	56348.47656	503331.4	5410757.3
L3330.0	503331.4	5410757.3	39161.80078	300.75	0	48.849776	-86.954590	56342.18	56243.7	6.27	56348.45	56348.41406	56348.53364	56348.17969	503331.4	5410757.3
L3330.0	503331.4	5410755.8	39161.89844	300.44	0	48.849762	-86.954590	56342.96	56243.7	6.27	56349.23	56349.19531	56359.27985	56358.93359	503331.4	5410755.8
L3330.0	503331.4	5410754.2	39162.00000	299.14	0	48.849748	-86.954590	56342.89	56243.7	6.27	56349.16	56349.12891	56360.60454	56360.26563	503331.4	5410754.2
L3330.0	503331.4	5410754.2	39162.10156	303.36	0	48.849748	-86.954590	56342.29	56243.7	6.27	56348.56	56348.53125	56355.51270	56355.17969	503331.4	5410754.2
L3330.0	503331.4	5410752.5	39162.19922	302.95	0	48.849732	-86.954590	56341.92	56243.7	6.27	56348.19	56348.16406	56353.10760	56352.78125	503331.4	5410752.5
L3330.0	503331.4	5410750.9	39162.30078	303.00	0	48.849718	-86.954589	56341.13	56243.7	6.27	56347.39	56347.36328	56344.90055	56344.57813	503331.4	5410750.9
L3330.0	503331.4	5410750.9	39162.39844	302.86	0	48.849718	-86.954589	56341.11	56243.7	6.27	56347.37	56347.34766	56346.74248	56346.42578	503331.4	5410750.9
L3330.0	503331.4	5410749.5	39162.50000	302.92	0	48.849706	-86.954589	56340.38	56243.7	6.26	56346.65	56346.62891	56338.91524	56338.60938	503331.4	5410749.5
L3330.0	503331.4	5410748.2	39162.60156	303.65	0	48.849694	-86.954589	56340.62	56243.7	6.26	56346.88	56346.86328	56343.94817	56343.64844	503331.4	5410748.2
L3330.0	503331.4	5410746.7	39162.69922	301.81	0	48.849681	-86.954589	56340.69	56243.7	6.26	56346.95	56346.93750	56346.65652	56346.36328	503331.4	5410746.7
L3330.0	503331.4	5410746.7	39162.80078	300.23	0	48.849681	-86.954589	56341.15	56243.7	6.26	56347.41	56347.39844	56354.79523	56354.51172	503331.4	5410746.7
L3330.0	503331.4	5410745.3	39162.89844	301.74	0	48.849668	-86.954589	56341.06	56243.7	6.26	56347.32	56347.31250	56354.81262	56354.53516	503331.4	5410745.3
L3330.0	503331.4	5410744.1	39163.00000	302.60	0	48.849657	-86.954589	56340.46	56243.7	6.26	56346.72	56346.71484	56347.06899	56346.80078	503331.4	5410744.1
L3330.0	503331.4	5410744.1	39163.10156	301.91	0	48.849657	-86.954589	56339.67	56243.7	6.26	56345.93	56345.92578	56336.19772	56335.93750	503331.4	5410744.1
L3330.0	503331.4	5410742.2	39163.19922	303.03	0	48.849640	-86.954589	56339.88	56243.7	6.26	56346.13	56346.12891	56339.62935	56339.37891	503331.4	5410742.2
L3330.0	503331.4	5410741.0	39163.30078	302.73	0	48.849630	-86.954590	56340.36	56243.7	6.25	56346.61	56346.61328	56347.02084	56346.77734	503331.4	5410741.0
L3330.0	503331.4	5410739.7	39163.39844	302.69	0	48.849618	-86.954590	56340.89	56243.7	6.25	56347.15	56347.15625	56355.16332	56354.92578	503331.4	5410739.7
L3330.0	503331.4	5410738.4	39163.50000	301.59	0	48.849606	-86.954590	56341.02	56243.8	6.25	56347.27	56347.27734	56357.06227	56356.83594	503331.4	5410738.4
L3330.0	503331.4	5410738.4	39163.60156	301.14	0	48.849606	-86.954590	56341.31	56243.8	6.25	56347.56	56347.57031	56361.43603	56361.21875	503331.4	5410738.4
L3330.0	503331.3	5410736.6	39163.69922	299.52	0	48.849590	-86.954591	56340.87	56243.8	6.25	56347.11	56347.12500	56355.07065	56354.86328	503331.3	5410736.6
L3330.0	503331.3	5410735.5	39163.80078	298.48	0	48.849580	-86.954591	56340.48	56243.8	6.24	56346.73	56346.74609	56349.86650	56349.66406	503331.3	5410735.5
L3330.0	503331.3	5410735.5	39163.89844	300.33	0	48.849580	-86.954591	56340.16	56243.8	6.24	56346.40	56346.41797	56345.55353	56345.35938	503331.3	5410735.5
L3330.0	503331.2	5410732.7	39164.00000	302.82	0	48.849555	-86.954592	56339.95	56243.8	6.24	56346.19	56346.21094	56343.15330	56342.96875	503331.2	5410732.7
L3330.0	503331.2	5410732.7	39164.10156	302.48	0	48.849555	-86.954592	56340.00	56243.8	6.24	56346.24	56346.26563	56344.71225	56344.53906	503331.2	5410732.7
L3330.0	503331.2	5410731.1	39164.19922	301.81	0	48.849540	-86.954593	56339.88	56243.8	6.24	56346.11	56346.13672	56343.82892	56343.66406	503331.2	5410731.1
L3330.0	503331.2	5410729.8	39164.30078	299.83	0	48.849529	-86.954593	56340.38	56243.8	6.24	56346.62	56346.65234	56352.53834	56352.37891	503331.2	5410729.8
L3330.0	503331.2	5410729.8	39164.39844	302.34	0	48.849529	-86.954593	56340.34	56243.8	6.24	56346.57	56346.60156	56353.21710	56353.06641	503331.2	5410729.8
L3330.0	503331.1	5410728.2	39164.50000	301.44	0	48.849514	-86.954593	56340.36	56243.8	6.24	56346.59	56346.62500	56355.09171	56354.94922	503331.1	5410728.2
L3330.0	503331.1	5410726.6	39164.60156	300.79	0	48.849500	-86.954594	56339.95	56243.8	6.23	56346.18	56346.21875	56350.63320	56350.50000	503331.1	5410726.6
L3330.0	503331.1	5410725.3	39164.69922	301.63	0	48.849488	-86.954594	56339.67	56243.8	6.23	56345.90	56345.94141	56348.16356	56348.03906	503331.1	5410725.3
L3330.0	503331.1	5410725.3	39164.80078	301.86	0	48.849488	-86.954594	56339.64	56243.8	6.23	56345.88	56345.92578	56349.69093	56349.57031	503331.1	5410725.3
L3330.0	503331.1	5410723.7	39164.89844	302.66	0	48.849473	-86.954594	56339.62	56243.8	6.23	56345.85	56345.89844	56351.12864	56351.01563	503331.1	5410723.7
L3330.0	503331.1	5410722.0	39165.00000	302.55	0	48.849458	-86.954594	56339.52	56243.8	6.23	56345.75	56345.80078	56351.52925	56351.42188	503331.1	5410722.0
L3330.0	503331.1	5410722.0	39165.10156	302.98	0	48.849458	-86.954594	56339.06	56243.8	6.23	56345.29	56345.34375	56346.33245	56346.23438	503331.1	5410722.0
L3330.0	503331.1	5410720.4	39165.19922	304.09	0	48.849444	-86.954594	56339.06	56243.8	6.23	56345.29	56345.34375	56348.31523	56348.22266	503331.1	5410720.4
L3330.0	503331.1	5410719.2	39165.30078	302.12	0	48.849433	-86.954594	56338.59	56243.8	6.22	56344.82	56344.87891	56342.91039	56342.82422	503331.1	5410719.2
L3330.0	503331.1	5410717.1	39165.39844	301.65	0	48.849414	-86.954594	56338.52	56243.8	6.22	56344.75	56344.80859	56343.83534	56343.75391	503331.1	5410717.1
L3330.0	503331.1	5410717.1	39165.50000	302.67	0	48.849414	-86.954594	56338.68	56243.8	6.22	56344.90	56344.96094	56348.32374	56348.24609	503331.1	5410717.1
L3330.0	503331.1	5410715.4	39165.60156	302.18	0	48.849399	-86.954594	56338.86	56243.8	6.22	56345.08	56345.14453	56353.37383	56353.30469	503331.1	5410715.4
L3330.0	503331.1	5410715.4	39165.69922	301.44	0	48.849399	-86.954594	56338.42	56243.8	6.22	56344.63	56344.69531	56348.36567	56348.30078	503331.1	5410715.4
L3330.0	503331.1	5410714.0	39165.80078	302.75	0	48.849386	-86.954594	56338.32	56243.8	6.21	56344.53	56344.59766	56349.02110	56348.95703	503331.1	5410714.0
L3330.0	503331.1	5410712.5	39165.89844	303.88	0	48.849373	-86.954594	56337.98	56243.8	6.21	56344.19	56344.26172	56345.85260	56345.79297	503331.1	5410712.5
L3330.0	503331.1	5410712.5	39166.00000	303.30	0	48.849373	-86.954594	56337.68	56243.8	6.21	56343.89	56343.96484	56343.37009	56343.31641	503331.1	5410712.5
L3330.0	503331.1	5410710.7	39166.10156	301.84	0	48.849356	-86.954594	56338.01	56243.8	6.21	56344.21	56344.28516	56350.85559	56350.80469	503331.1	5410710.7
L3330.0	503331.1	5410709.2	39166.19922	302.50	0	48.849343	-86.954594	56337.81	56243.8	6.20	56344.01	56344.08984	56349.98524	56349.93750	503331.1	5410709.2
L3330.0	503331.1	5410709.2	39166.30078	302.13	0	48.849343	-86.954594	56337.96	56243.8	6.20	56344.15	56344.23047	56354.46897	56354.42188	503331.1	5410709.2
L3330.0	503331.1	5410707.6	39166.39844	300.01	0	48.849329	-86.954594	56337.24	56243.8	6.19	56343.44	56343.52344	56345.54315	56345.49609	503331.1	5410707.6
L3330.0	503331.1	5410707.6	39166.50000	299.94	0	48.849329	-86.954594	56337.38	56243.8	6.19	56343.57	56343.65625	56349.72096	56349.67969	503331.1	5410707.6
L3330.0	503331.1	5410706.1	39166.60156	301.22	0	48.849315	-86.954595	56336.79	56243.8	6.19	56342.97	56343.05469	56342.61452	56342.57422	503331.1	5410706.1
L3330.0	503331.0	5410704.7	39166.69922	302.90	0	48.849303	-86.954595	56336.86	56243.8	6.18	56343.04	56343.12891	56345.66792	56345.62891	503331.0	5410704.7
L3330.0	503331.0	5410703.2	39166.80078	302.24	0	48.849289	-86.954596	56336.38	56243.8	6.18	56342.56	56342.64844	56340.47312	56340.43359	503331.0	5410703.2
L3330.0	503331.0	5410703.2	39166.89844	302.11	0	48.849289	-86.954596	56336.40	56243.8	6.17	56342.57	56342.66016	56342.43823	56342.39844	503331.0	5410703.2
L3330.0	503330.9	5410701.9	39167.00000	302.52	0	48.849277	-86.954596	56336.51	56243.8	6.17	56342.68	56342.77344	56345.63823	56345.59766	503330.9	5410701.9
L3330.0	503330.9	5410700.8	39167.10156	303.45	0	48.849267	-86.954597	56336.31	56243.8	6.17	56342.47	56342.56641	56344.26183	56344.22266	503330.9	5410700.8
L3330.0	503330.9	5410699.4	39167.19922	303.07	0	48.849255	-86.954597	56336.17	56243.8	6.17	56342.34	56342.43750	56343.96723	56343.92578	503330.9	5410699.4
L3330.0	503330.9	5410699.4	39167.30078	302.87	0	48.849255	-86.954597	56336.02	56243.8	6.17	56342.19	56342.28906	56343.40167	56343.35547	503330.9	5410699.4
L3330.0	503330.8	5410698.0	39167.39844	300.76	0	48.849243	-86.954598	56336.43	56243.8	6.17	56342.60	56342.69922	56349.80262	56349.75391	503330.8	5410698.0
L3330.0	503330.8	5410696.7	39167.50000	300.53	0	48.849231	-86.954598	56335.96	56243.8	6.17	56342.13	56342.23047	56345.23071	56345.17969	503330.8	5410696.7
L3330.0	503330.8	5410696.7	39167.60156	300.87	0	48.849231	-86.954598	56335.87	56243.8	6.16	56342.04	56342.14453	56345.37897	56345.32813	503330.8	5410696.7

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L3330.0	503330.8	5410695.4	39167.69922	301.27	0	48.849219	-86.954598	56335.58	56243.8	6.16	56341.75	56341.85547	56343.28598	56343.23047	503330.8	5410695.4
L3330.0	503330.8	5410694.0	39167.80078	301.06	0	48.849207	-86.954598	56335.87	56243.8	6.16	56342.03	56342.13672	56347.61453	56347.55469	503330.8	5410694.0
L3330.0	503330.8	5410692.7	39167.89844	299.55	0	48.849194	-86.954598	56335.38	56243.8	6.16	56341.54	56341.64844	56343.51914	56343.45313	503330.8	5410692.7
L3330.0	503330.8	5410691.5	39168.00000	299.42	0	48.849184	-86.954598	56335.48	56243.8	6.16	56341.64	56341.74609	56345.84896	56345.78125	503330.8	5410691.5
L3330.0	503330.8	5410691.5	39168.10156	299.69	0	48.849184	-86.954598	56335.26	56243.8	6.16	56341.42	56341.52734	56344.85225	56344.77734	503330.8	5410691.5
L3330.0	503330.8	5410690.0	39168.19922	297.99	0	48.849170	-86.954598	56335.43	56243.8	6.16	56341.59	56341.69922	56347.91776	56347.83984	503330.8	5410690.0
L3330.0	503330.8	5410688.3	39168.30078	298.01	0	48.849155	-86.954598	56334.67	56243.8	6.15	56340.82	56340.92969	56341.47705	56341.39063	503330.8	5410688.3
L3330.0	503330.8	5410688.3	39168.39844	298.51	0	48.849155	-86.954598	56334.52	56243.8	6.15	56340.67	56340.78125	56341.39127	56341.30078	503330.8	5410688.3
L3330.0	503330.9	5410686.8	39168.50000	299.10	0	48.849142	-86.954598	56334.18	56243.8	6.15	56340.33	56340.44141	56339.39303	56339.29297	503330.9	5410686.8
L3330.0	503330.9	5410685.5	39168.60156	300.97	0	48.849130	-86.954597	56333.93	56243.9	6.15	56340.07	56340.18359	56338.19295	56338.08594	503330.9	5410685.5
L3330.0	503330.9	5410683.4	39168.69922	300.44	0	48.849111	-86.954597	56334.14	56243.9	6.15	56340.28	56340.39453	56341.89737	56341.78516	503330.9	5410683.4
L3330.0	503330.9	5410683.4	39168.80078	302.19	0	48.849111	-86.954597	56333.72	56243.9	6.14	56339.87	56339.98438	56339.09296	56338.97266	503330.9	5410683.4
L3330.0	503330.9	5410681.9	39168.89844	302.03	0	48.849098	-86.954597	56334.26	56243.9	6.14	56340.40	56340.51563	56346.52391	56346.39453	503330.9	5410681.9
L3330.0	503330.9	5410680.5	39169.00000	301.42	0	48.849085	-86.954597	56334.02	56243.9	6.14	56340.16	56340.27734	56345.62206	56345.48438	503330.9	5410680.5
L3330.0	503330.9	5410680.5	39169.10156	300.14	0	48.849085	-86.954597	56334.23	56243.9	6.14	56340.37	56340.48828	56349.92216	56349.77344	503330.9	5410680.5
L3330.0	503330.9	5410679.4	39169.19922	301.30	0	48.849075	-86.954597	56333.47	56243.9	6.14	56339.60	56339.71875	56342.61788	56342.46094	503330.9	5410679.4
L3330.0	503330.9	5410677.7	39169.30078	302.13	0	48.849060	-86.954596	56333.29	56243.9	6.13	56339.43	56339.54688	56342.29854	56342.12891	503330.9	5410677.7
L3330.0	503331.0	5410676.5	39169.39844	299.59	0	48.849049	-86.954596	56332.95	56243.9	6.13	56339.08	56339.19922	56339.62874	56339.44922	503331.0	5410676.5
L3330.0	503331.0	5410676.5	39169.50000	300.42	0	48.849049	-86.954596	56332.73	56243.9	6.13	56338.86	56338.97656	56338.49340	56338.30469	503331.0	5410676.5
L3330.0	503331.0	5410673.5	39169.60156	300.87	0	48.849022	-86.954596	56332.53	56243.9	6.13	56338.66	56338.77734	56337.55464	56337.35547	503331.0	5410673.5
L3330.0	503331.0	5410673.5	39169.69922	302.71	0	48.849022	-86.954596	56333.08	56243.9	6.13	56339.21	56339.32813	56346.69665	56346.48438	503331.0	5410673.5
L3330.0	503331.0	5410672.3	39169.80078	302.57	0	48.849011	-86.954595	56333.12	56243.9	6.12	56339.24	56339.35938	56348.91957	56348.69531	503331.0	5410672.3
L3330.0	503331.0	5410670.9	39169.89844	303.84	0	48.848999	-86.954595	56332.63	56243.9	6.12	56338.75	56338.86719	56343.99939	56343.76563	503331.0	5410670.9
L3330.0	503331.0	5410670.9	39170.00000	303.49	0	48.848999	-86.954595	56332.12	56243.9	6.12	56338.24	56338.35938	56338.76231	56338.51563	503331.0	5410670.9
L3330.0	503331.1	5410669.4	39170.10156	302.70	0	48.848985	-86.954595	56331.59	56243.9	6.12	56337.70	56337.82031	56333.16006	56332.90234	503331.1	5410669.4
L3330.0	503331.1	5410668.3	39170.19922	301.16	0	48.848975	-86.954594	56331.76	56243.9	6.12	56337.87	56337.98828	56337.24997	56336.97656	503331.1	5410668.3
L3330.0	503331.2	5410666.7	39170.30078	303.08	0	48.848961	-86.954594	56331.96	56243.9	6.11	56338.08	56338.19922	56341.80346	56341.51953	503331.2	5410666.7
L3330.0	503331.2	5410666.7	39170.39844	302.77	0	48.848961	-86.954594	56332.22	56243.9	6.11	56338.33	56338.44922	56346.75000	56346.44922	503331.2	5410666.7
L3330.0	503331.2	5410665.1	39170.50000	299.97	0	48.848947	-86.954593	56331.98	56243.9	6.11	56338.09	56338.20703	56345.25777	56344.94531	503331.2	5410665.1
L3330.0	503331.2	5410663.7	39170.60156	301.09	0	48.848934	-86.954593	56331.35	56243.9	6.11	56337.46	56337.57813	56338.99622	56338.67188	503331.2	5410663.7
L3330.0	503331.2	5410663.7	39170.69922	300.54	0	48.848934	-86.954593	56331.25	56243.9	6.11	56337.35	56337.46875	56339.37994	56339.03906	503331.2	5410663.7
L3330.0	503331.3	5410661.9	39170.80078	301.00	0	48.848918	-86.954592	56331.04	56243.9	6.10	56337.15	56337.26563	56338.71511	56338.35938	503331.3	5410661.9
L3330.0	503331.3	5410660.4	39170.89844	300.20	0	48.848904	-86.954592	56331.50	56243.9	6.10	56337.61	56337.72656	56345.62867	56345.25781	503331.3	5410660.4
L3330.0	503331.3	5410660.4	39171.00000	300.48	0	48.848904	-86.954592	56331.20	56243.9	6.10	56337.30	56337.41406	56343.64006	56343.25781	503331.3	5410660.4
L3330.0	503331.3	5410659.1	39171.10156	299.85	0	48.848892	-86.954591	56330.98	56243.9	6.10	56337.09	56337.20313	56342.85108	56342.45313	503331.3	5410659.1
L3330.0	503331.4	5410657.3	39171.19922	299.81	0	48.848876	-86.954591	56330.38	56243.9	6.11	56336.49	56336.60547	56338.06608	56337.65234	503331.4	5410657.3
L3330.0	503331.4	5410655.7	39171.30078	299.46	0	48.848862	-86.954591	56330.13	56243.9	6.11	56336.23	56336.34375	56336.97575	56336.54688	503331.4	5410655.7
L3330.0	503331.4	5410655.7	39171.39844	299.75	0	48.848862	-86.954591	56329.72	56243.9	6.11	56335.83	56335.94141	56334.54287	56334.09766	503331.4	5410655.7
L3330.0	503331.4	5410654.2	39171.50000	302.52	0	48.848848	-86.954590	56329.43	56243.9	6.11	56335.55	56335.66016	56333.34120	56332.88281	503331.4	5410654.2
L3330.0	503331.4	5410654.2	39171.60156	300.16	0	48.848848	-86.954590	56329.64	56243.9	6.12	56335.76	56335.87109	56336.80961	56336.33203	503331.4	5410654.2
L3330.0	503331.4	5410652.4	39171.69922	298.42	0	48.848832	-86.954590	56329.64	56243.9	6.12	56335.77	56335.87891	56338.27457	56337.78125	503331.4	5410652.4
L3330.0	503331.4	5410650.8	39171.80078	298.01	0	48.848818	-86.954590	56329.99	56243.9	6.12	56336.12	56336.23047	56342.91654	56342.41016	503331.4	5410650.8
L3330.0	503331.5	5410649.7	39171.89844	298.72	0	48.848808	-86.954590	56329.62	56243.9	6.13	56335.75	56335.85938	56340.73214	56340.20703	503331.5	5410649.7
L3330.0	503331.5	5410649.7	39172.00000	299.57	0	48.848808	-86.954590	56329.51	56243.9	6.13	56335.64	56335.74609	56340.99808	56340.45703	503331.5	5410649.7
L3330.0	503331.5	5410648.2	39172.10156	300.49	0	48.848794	-86.954590	56328.80	56243.9	6.13	56334.93	56335.03516	56335.36040	56334.80469	503331.5	5410648.2
L3330.0	503331.5	5410648.2	39172.19922	300.33	0	48.848794	-86.954590	56328.59	56243.9	6.13	56334.73	56334.83594	56334.57062	56334.00000	503331.5	5410648.2
L3330.0	503331.5	5410646.6	39172.30078	300.68	0	48.848780	-86.954590	56328.62	56243.9	6.13	56334.75	56334.85156	56335.96473	56335.37891	503331.5	5410646.6
L3330.0	503331.5	5410645.3	39172.39844	299.93	0	48.848768	-86.954589	56328.49	56243.9	6.13	56334.63	56334.73047	56335.92592	56335.32422	503331.5	5410645.3
L3330.0	503331.5	5410644.2	39172.50000	303.75	0	48.848759	-86.954589	56328.72	56243.9	6.13	56334.85	56334.94922	56339.53710	56338.91797	503331.5	5410644.2
L3330.0	503331.5	5410644.2	39172.60156	302.99	0	48.848759	-86.954589	56328.29	56243.9	6.14	56334.42	56334.51953	56336.13349	56335.49609	503331.5	5410644.2
L3330.0	503331.5	5410642.9	39172.69922	303.01	0	48.848747	-86.954589	56328.49	56243.9	6.14	56334.63	56334.72656	56339.81265	56339.16016	503331.5	5410642.9
L3330.0	503331.5	5410641.1	39172.80078	301.90	0	48.848731	-86.954589	56328.11	56243.9	6.14	56334.24	56334.33594	56336.74565	56336.07813	503331.5	5410641.1
L3330.0	503331.5	5410641.1	39172.89844	300.59	0	48.848731	-86.954589	56328.64	56243.9	6.14	56334.78	56334.87500	56344.50466	56343.82031	503331.5	5410641.1
L3330.0	503331.5	5410639.4	39173.00000	301.25	0	48.848716	-86.954589	56327.73	56243.9	6.14	56333.87	56333.96484	56335.29695	56334.59766	503331.5	5410639.4
L3330.0	503331.5	5410638.2	39173.10156	302.05	0	48.848704	-86.954589	56327.81	56243.9	6.14	56333.94	56334.03125	56337.69520	56336.98047	503331.5	5410638.2
L3330.0	503331.5	5410638.2	39173.19922	302.20	0	48.848704	-86.954589	56327.80	56243.9	6.14	56333.93	56334.01953	56339.23057	56338.50000	503331.5	5410638.2
L3330.0	503331.5	5410635.9	39173.30078	302.51	0	48.848684	-86.954589	56327.29	56243.9	6.13	56333.43	56333.51953	56334.93239	56334.18750	503331.5	5410635.9
L3330.0	503331.5	5410635.9	39173.39844	303.89	0	48.848684	-86.954589	56327.16	56243.9	6.13	56333.30	56333.38672	56335.17063	56334.41016	503331.5	5410635.9
L3330.0	503331.5	5410633.7	39173.50000	300.67	0	48.848664	-86.954589	56326.96	56243.9	6.13	56333.09	56333.17578	56334.52710	56333.75000	503331.5	5410633.7
L3330.0	503331.5	5410632.6	39173.60156	299.85	0	48.848654	-86.954589	56327.21	56243.9	6.13	56333.34	56333.42578	56339.42888	56338.63672	503331.5	5410632.6
L3330.0	503331.5	5410632.6	39173.69922	299.94	0	48.848654	-86.954589	56326.61	56243.9	6.13	56332.73	56332.81250	56334.18197	56333.37500	503331.5	5410632.6
L3330.0	503331.5	5410631.3	39173.80078	302.14	0	48.848642	-86.954589	56326.86	56243.9	6.12	56332.99	56333.07031	56339.23425	56338.41016	503331.5	5410631.3
L3330.0	503331.5	5410629.7	39173.89844	301.48	0	48.848628	-86.954589	56326.70	56243.9	6.12	56332.83	56332.91016	56339.37914	56338.54297	503331.5	5410629.7
L3330.0	503331.5	5410629.7	39174.00000	304.40	0	48.848628	-86.954589	56326.68	56243.9	6.12	56332.80	56332.87891	56341.04230	56340.19141	503331.5	5410629.7
L3330.0	503331.5	5410627.8	39174.10156	304.39	0	48.848611	-86.954589	56326.04	56243.9	6.12	56332.16	56332.23828	56335.76906	56334.90234	503331.5	5410627.8
L3330.0	503331.5	5410626.4	39174.19922	301.04	0	48.848598	-86.954589	56325.89	56243.9	6.13	56332.01	56332.08594	56336.11866	56335.23828	503331.5	5410626.4
L3330.0	503331.5	5410626.4	39174.30078	299.06	0	48.848598	-86.954589	56325.38	56243.9	6.13	56331.51	56331.58203	56332.54425	56331.65234	503331.5	5410626.4
L3330.0	503331.5	5410624.6	39174.39844	299.06	0	48.848582	-86.954590	56324.77	56243.9	6.13	56330.90	56330.97266	56327.75181	56326.84375	503331.5	5410624.6
L3330.0	503331.4	5410623.3	39174.50000	298.44	0	48.848570	-86.954590	56325.33	56243.9	6.14	56331.46	56331.53125	56336.10904	56335.18750	503331.4	5410623.3
L3330.0	503331.4	5410621.7	39174.60156	298.52	0	48.848556	-86.954591	56324.84	56243.9	6.14	56330.98	56331.05078	56332.76647	56331.83203	503331.4	5410621.7
L3330.0	503331.4	5410621.7	39174.69922	299.85	0	48.848556	-86.954591	56325.13	56243.9	6.14	56331.27	56331.33594	56338.24836	56337.30469	503331.4	5410621.7
L3330.0	503331.4	5410619.8	39174.80078	299.35	0	48.848539	-86.954591	56324.41	56243.9	6.14	56330.56	56330.62500	56332.17626	56331.21875	503331.4	5410619.8
L3330.0	503331.4	5410618.7	39174.89844	301.56	0	48.848529	-86.954591	56324.46	56243.9	6.15	56330.60	56330.66406	56334.93273	56333.96484	503331.4	5410618.7
L3330.0	503331.4	5410618.7	39175.00000	300.91	0	48.848529	-86.954591	56324.06	56243.8	6.15	56330.21	56330.27344	56332.50253	56331.52344	503331.4	5410618.7
L3330.0	503331.4	5410616.9	39175.10156	301.81	0	48.848513	-86.954591	56324.25	56243.8	6.15	56330.41	56330.46875	56337.66743	56336.67578	503331.4	5410616.9
L3330.0	503331.3	5410615.2	39175.19922	301.66	0	48.848498	-86.954592	56324.13	56243.8	6.16	56330.29	56330.34766	56338.96072	56337.95703	503331.3	5410615.2
L3330.0	503331.3	5410615.2	39175.30078	302.00	0	48.848498	-86.954592	56323.70	56243.8	6.16	56329.86	56329.91797	56335.98885	56334.97656	503331.3	5410615.2
L3330.0	503331.3	5410613.7	39175.39844	301.84	0	48.848484	-86.954592	56323.44	56243.8	6.17	56329.60	56329.65625	56335.34670	56334.32422	503331.3	5410613.7
L3330.0	503331.3	5410612.0	39175.50000	301.22	0	48.848468	-86.954592	56323.08	56243.8	6.17	56329.25	56329.30469	56333.28993	56332.25781	503331.3	5410612.0
L3330.0	503331.3	5410612.0	39175.60156	301.06	0	48.848468	-86.954592	56323.23	56243.8	6.17	56329.41	56329.46094	56339.49706	56338.45313	503331.3	5410612.0
L3330.0	503331.3	5410610.6	39175.69922	301.64	0	48.848456	-86.954593	56322.47	56243.8	6.18	56328.65	56328.69922	56330.53564	56329.48438	503331.3	5410610.6
L3330.0	503331.3	5410609.2	39175.80078	302.64	0	48.848444	-86.954593	56322.49	56243.8	6.18	56328.67	56328.71875	56334.78420	56333.72266	503331.3	5410609.2
L3330.0	503331.3	5410609.2	39175.89844	303.38	0	48.848444	-86.954593	56321.86	56243.8	6.19	56328.04	56328.08594	56327.48918	56326.42188	503331.3	5410609.2
L3330.0	503331.2	5410607.6	39176.00000	302.47	0	48.848429	-86.954593	56321.84	56243.8	6.19	56328.03	56328.07813	56331.48194	56330.40625	503331.2	5410607.6
L3330.0	503331.2	5410606.0	39176.10156	303.52	0	48.848415	-86.954593	56321.86	56243.8	6.19	56328.04	56328.08594	56336.07458	56334.99219	503331.2	5410606.0
L3330.0	503331.2	5410606.0	39176.19922	305.51	0	48.848415	-86.954593	56321.96	56243.8	6.19	56328.15	56328.19141	56342.73751	56341.64844	503331.2	5410606.0
L3330.0	503331.2	5410604.7	39176.30078	306.21	0	48.848403	-86.954594	56321.61	56243.8	6.19	56327.79	56327.83203	56340.36658	56339.26953	503331.2	5410604.7
L3330.0	503331.2	5410604.7	39176.39844	308.92	0	48.848403	-86.954594	56320.94	56243.8	6.19	56327.12	56327.16016	56331.94715	56330.84375	503331.2	5410604.7
L3330.0	503331.2	5410601.9	39176.50000	306.77	0	48.848378	-86.954594	56320.71	56243.8	6.18	56326.89	56326.92969	56332.06016	56330.95313	503331.2	5410601.9
L3330.0	503331.2	5410600.6	39176.60156	305.77	0	48.848366	-86.954594	56320.45	56243.8	6.18	56326.64	56326.67969	56331.79587	56330.68359	503331.2	5410600.6
L3330.0	503331.2	5410600.6	39176.69922	305.52	0	48.848366	-86.954594	56320.50	56243.8	6.18	56326.69	56326.72656	56337.17552	56336.05859	503331.2	5410600.6
L3330.0	503331.2	5410599.0	39176.80078	304.76	0	48.848352	-86.954594	56319.82	56243.8	6.18	56326.00	56326.03516	56328.73142	56327.60938	503331.2	5410599.0
L3330.0	503331.2	5410599.0	39176.89844	302.46	0	48.848352	-86.954594	56319.79	56243.8	6.18	56325.97	56326.00391	56332.54128	56331.41406	503331.2	5410599.0

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L3330.0	503331.2	5410597.7	39177.00000	301.19	0	48.848340	-86.954594	56319.62	56243.8	6.18	56325.80	56325.83203	56333.72489	56332.59375	503331.2	5410597.7
L3330.0	503331.2	5410596.1	39177.10156	301.81	0	48.848325	-86.954594	56319.48	56243.8	6.18	56325.66	56325.69141	56335.36664	56334.23438	503331.2	5410596.1
L3330.0	503331.2	5410594.5	39177.19922	299.63	0	48.848311	-86.954594	56318.99	56243.8	6.19	56325.18	56325.21094	56331.29615	56330.16016	503331.2	5410594.5
L3330.0	503331.2	5410594.5	39177.30078	300.92	0	48.848311	-86.954594	56318.49	56243.8	6.19	56324.68	56324.71094	56327.19542	56326.05859	503331.2	5410594.5
L3330.0	503331.2	5410592.6	39177.39844	301.84	0	48.848295	-86.954594	56318.43	56243.8	6.19	56324.63	56324.66016	56330.34892	56329.21094	503331.2	5410592.6
L3330.0	503331.2	5410591.3	39177.50000	300.21	0	48.848283	-86.954594	56318.03	56243.8	6.19	56324.22	56324.24609	56327.97187	56326.83203	503331.2	5410591.3
L3330.0	503331.2	5410591.3	39177.60156	298.57	0	48.848283	-86.954594	56318.08	56243.8	6.20	56324.28	56324.30469	56332.51917	56331.37891	503331.2	5410591.3
L3330.0	503331.2	5410589.8	39177.69922	299.70	0	48.848269	-86.954594	56317.52	56243.8	6.20	56323.72	56323.74609	56328.24299	56327.10547	503331.2	5410589.8
L3330.0	503331.2	5410588.0	39177.80078	300.06	0	48.848253	-86.954594	56317.46	56243.8	6.20	56323.67	56323.69531	56331.07640	56329.93750	503331.2	5410588.0
L3330.0	503331.2	5410586.4	39177.89844	299.94	0	48.848239	-86.954594	56316.96	56243.8	6.21	56323.16	56323.18359	56327.85649	56326.71875	503331.2	5410586.4
L3330.0	503331.2	5410586.4	39178.00000	302.70	0	48.848239	-86.954594	56316.63	56243.8	6.21	56322.84	56322.86328	56327.23801	56326.10156	503331.2	5410586.4
L3330.0	503331.2	5410584.8	39178.10156	304.08	0	48.848224	-86.954594	56316.29	56243.8	6.21	56322.50	56322.52344	56326.44137	56325.30859	503331.2	5410584.8
L3330.0	503331.2	5410583.5	39178.19922	304.10	0	48.848212	-86.954594	56316.14	56243.8	6.21	56322.36	56322.38281	56328.09040	56326.96094	503331.2	5410583.5
L3330.0	503331.2	5410583.5	39178.30078	305.19	0	48.848212	-86.954594	56315.83	56243.8	6.22	56322.05	56322.07031	56327.71573	56326.58984	503331.2	5410583.5
L3330.0	503331.2	5410581.9	39178.39844	304.76	0	48.848198	-86.954594	56315.48	56243.8	6.22	56321.70	56321.72266	56326.91534	56325.79297	503331.2	5410581.9
L3330.0	503331.2	5410581.9	39178.50000	302.93	0	48.848198	-86.954594	56314.99	56243.8	6.22	56321.21	56321.23047	56324.55753	56323.43750	503331.2	5410581.9
L3330.0	503331.2	5410580.3	39178.60156	301.39	0	48.848184	-86.954594	56314.61	56243.8	6.22	56320.83	56320.85156	56323.50474	56322.39063	503331.2	5410580.3
L3330.0	503331.2	5410578.7	39178.69922	299.90	0	48.848169	-86.954594	56314.28	56243.8	6.22	56320.50	56320.51953	56323.04322	56321.93359	503331.2	5410578.7
L3330.0	503331.2	5410577.3	39178.80078	302.32	0	48.848156	-86.954594	56314.02	56243.8	6.23	56320.25	56320.26953	56323.49278	56322.39063	503331.2	5410577.3
L3330.0	503331.2	5410577.3	39178.89844	302.54	0	48.848156	-86.954594	56313.89	56243.8	6.23	56320.12	56320.14063	56325.27461	56324.17578	503331.2	5410577.3
L3330.0	503331.2	5410575.4	39179.00000	301.55	0	48.848140	-86.954594	56313.61	56243.8	6.23	56319.84	56319.85938	56325.40949	56324.31641	503331.2	5410575.4
L3330.0	503331.2	5410574.1	39179.10156	301.85	0	48.848128	-86.954594	56313.16	56243.8	6.23	56319.39	56319.41016	56323.72949	56322.64453	503331.2	5410574.1
L3330.0	503331.2	5410574.1	39179.19922	301.49	0	48.848128	-86.954594	56312.79	56243.8	6.23	56319.03	56319.05078	56323.08108	56322.00391	503331.2	5410574.1
L3330.0	503331.2	5410572.3	39179.30078	301.96	0	48.848111	-86.954594	56312.46	56243.8	6.23	56318.70	56318.71875	56322.80833	56321.73828	503331.2	5410572.3
L3330.0	503331.2	5410571.1	39179.39844	299.02	0	48.848101	-86.954594	56312.31	56243.8	6.23	56318.55	56318.57031	56324.48118	56323.42188	503331.2	5410571.1
L3330.0	503331.3	5410569.5	39179.50000	299.67	0	48.848087	-86.954593	56311.88	56243.8	6.24	56318.11	56318.13281	56323.17376	56322.12109	503331.3	5410569.5
L3330.0	503331.3	5410569.5	39179.60156	299.22	0	48.848087	-86.954593	56311.39	56243.8	6.24	56317.63	56317.65234	56321.54579	56320.50391	503331.3	5410569.5
L3330.0	503331.3	5410568.1	39179.69922	299.42	0	48.848074	-86.954593	56310.81	56243.8	6.24	56317.05	56317.07031	56318.98596	56317.95313	503331.3	5410568.1
L3330.0	503331.3	5410566.5	39179.80078	300.70	0	48.848059	-86.954593	56310.75	56243.8	6.24	56316.99	56317.01172	56321.84423	56320.82031	503331.3	5410566.5
L3330.0	503331.3	5410566.5	39179.89844	299.45	0	48.848059	-86.954593	56310.22	56243.8	6.24	56316.46	56316.48438	56319.96696	56318.95313	503331.3	5410566.5
L3330.0	503331.3	5410565.1	39180.00000	301.31	0	48.848047	-86.954592	56309.86	56243.8	6.24	56316.10	56316.12500	56319.91368	56318.91016	503331.3	5410565.1
L3330.0	503331.4	5410563.5	39180.10156	298.53	0	48.848032	-86.954592	56309.79	56243.8	6.24	56316.03	56316.05469	56322.94185	56321.94922	503331.4	5410563.5
L3330.0	503331.4	5410563.5	39180.19922	298.53	0	48.848032	-86.954592	56309.27	56243.8	6.25	56315.52	56315.54688	56321.52339	56320.54297	503331.4	5410563.5
L3330.0	503331.4	5410562.1	39180.30078	301.01	0	48.848020	-86.954592	56308.69	56243.8	6.25	56314.94	56314.96484	56319.43176	56318.46484	503331.4	5410562.1
L3330.0	503331.4	5410560.2	39180.39844	301.89	0	48.848003	-86.954591	56308.28	56243.7	6.25	56314.53	56314.55859	56319.19110	56318.23438	503331.4	5410560.2
L3330.0	503331.4	5410558.6	39180.50000	301.92	0	48.847989	-86.954591	56307.80	56243.7	6.25	56314.05	56314.07813	56318.27359	56317.32813	503331.4	5410558.6
L3330.0	503331.4	5410558.6	39180.60156	303.14	0	48.847989	-86.954591	56307.25	56243.7	6.26	56313.51	56313.53906	56316.75283	56315.82031	503331.4	5410558.6
L3330.0	503331.4	5410557.3	39180.69922	304.17	0	48.847976	-86.954591	56306.90	56243.7	6.26	56313.16	56313.19141	56317.39611	56316.47656	503331.4	5410557.3
L3330.0	503331.4	5410555.9	39180.80078	303.42	0	48.847964	-86.954591	56306.29	56243.7	6.26	56312.56	56312.59375	56315.28715	56314.38281	503331.4	5410555.9
L3330.0	503331.4	5410554.5	39180.89844	302.27	0	48.847952	-86.954591	56306.01	56243.7	6.27	56312.28	56312.31250	56316.92758	56316.03516	503331.4	5410554.5
L3330.0	503331.4	5410554.5	39181.00000	302.33	0	48.847952	-86.954591	56305.60	56243.7	6.27	56311.87	56311.90625	56317.17364	56316.29297	503331.4	5410554.5
L3330.0	503331.4	5410553.4	39181.10156	302.77	0	48.847941	-86.954591	56305.21	56243.7	6.27	56311.48	56311.51563	56317.76802	56316.90234	503331.4	5410553.4
L3330.0	503331.4	5410551.6	39181.19922	301.29	0	48.847925	-86.954591	56304.61	56243.7	6.27	56310.88	56310.91797	56315.81094	56314.96094	503331.4	5410551.6
L3330.0	503331.4	5410551.6	39181.30078	301.95	0	48.847925	-86.954591	56304.14	56243.7	6.27	56310.41	56310.44922	56315.51980	56314.68359	503331.4	5410551.6
L3330.0	503331.5	5410550.0	39181.39844	301.59	0	48.847911	-86.954591	56303.69	56243.7	6.27	56309.96	56310.00391	56315.55573	56314.73047	503331.5	5410550.0
L3330.0	503331.5	5410548.6	39181.50000	301.36	0	48.847899	-86.954590	56303.51	56243.7	6.26	56309.77	56309.81250	56319.24444	56318.43359	503331.5	5410548.6
L3330.0	503331.5	5410546.8	39181.60156	300.87	0	48.847882	-86.954590	56303.05	56243.7	6.26	56309.31	56309.35547	56319.39030	56318.59375	503331.5	5410546.8
L3330.0	503331.5	5410546.8	39181.69922	301.68	0	48.847882	-86.954590	56302.39	56243.7	6.26	56308.65	56308.69922	56316.71848	56315.93750	503331.5	5410546.8
L3330.0	503331.5	5410545.4	39181.80078	302.68	0	48.847870	-86.954590	56301.74	56243.7	6.26	56308.00	56308.05078	56314.13475	56313.36719	503331.5	5410545.4
L3330.0	503331.5	5410545.4	39181.89844	300.91	0	48.847870	-86.954590	56301.13	56243.7	6.26	56307.39	56307.44141	56312.11678	56311.36328	503331.5	5410545.4
L3330.0	503331.5	5410543.7	39182.00000	301.73	0	48.847854	-86.954590	56300.71	56243.7	6.26	56306.97	56307.02734	56313.07006	56312.33203	503331.5	5410543.7
L3330.0	503331.5	5410542.0	39182.10156	303.71	0	48.847839	-86.954589	56299.76	56243.7	6.26	56306.02	56306.07813	56305.70483	56304.98047	503331.5	5410542.0
L3330.0	503331.5	5410542.0	39182.19922	301.46	0	48.847839	-86.954589	56299.77	56243.7	6.26	56306.04	56306.10156	56314.01283	56313.30078	503331.5	5410542.0
L3330.0	503331.6	5410540.5	39182.30078	300.68	0	48.847826	-86.954589	56299.12	56243.7	6.27	56305.39	56305.45313	56311.63838	56310.94141	503331.6	5410540.5
L3330.0	503331.6	5410539.3	39182.39844	301.69	0	48.847815	-86.954589	56298.76	56243.7	6.27	56305.03	56305.09375	56314.27398	56313.58984	503331.6	5410539.3
L3330.0	503331.6	5410537.6	39182.50000	302.34	0	48.847800	-86.954589	56298.20	56243.7	6.27	56304.47	56304.53906	56313.71575	56313.04688	503331.6	5410537.6
L3330.0	503331.6	5410537.6	39182.60156	303.82	0	48.847800	-86.954589	56297.66	56243.7	6.27	56303.94	56304.01172	56313.84994	56313.19531	503331.6	5410537.6
L3330.0	503331.6	5410536.0	39182.69922	303.67	0	48.847785	-86.954588	56297.05	56243.7	6.27	56303.32	56303.39453	56312.56892	56311.92578	503331.6	5410536.0
L3330.0	503331.7	5410534.4	39182.80078	304.55	0	48.847771	-86.954588	56296.34	56243.7	6.28	56302.62	56302.69531	56310.00315	56309.37500	503331.7	5410534.4
L3330.0	503331.7	5410534.4	39182.89844	304.03	0	48.847771	-86.954588	56295.92	56243.7	6.28	56302.20	56302.28125	56312.61815	56312.00000	503331.7	5410534.4
L3330.0	503331.7	5410532.8	39183.00000	303.91	0	48.847756	-86.954588	56295.32	56243.7	6.28	56301.60	56301.68359	56312.13050	56311.52734	503331.7	5410532.8
L3330.0	503331.7	5410531.4	39183.10156	303.90	0	48.847743	-86.954588	56295.01	56243.7	6.28	56301.29	56301.37500	56316.95851	56316.36719	503331.7	5410531.4
L3330.0	503331.7	5410531.4	39183.19922	305.11	0	48.847743	-86.954588	56293.81	56243.7	6.28	56300.10	56300.19141	56306.03550	56305.45703	503331.7	5410531.4
L3330.0	503331.7	5410529.4	39183.30078	304.02	0	48.847726	-86.954587	56293.06	56243.7	6.28	56299.35	56299.44141	56303.11363	56302.54688	503331.7	5410529.4
L3330.0	503331.7	5410529.4	39183.39844	303.16	0	48.847726	-86.954587	56292.48	56243.7	6.28	56298.76	56298.85547	56303.04335	56302.48828	503331.7	5410529.4
L3330.0	503331.7	5410527.4	39183.50000	303.32	0	48.847708	-86.954587	56292.16	56243.7	6.28	56298.45	56298.55078	56307.68824	56307.14453	503331.7	5410527.4
L3330.0	503331.7	5410526.1	39183.60156	302.23	0	48.847696	-86.954587	56291.72	56243.7	6.29	56298.00	56298.10156	56309.67955	56309.14453	503331.7	5410526.1
L3330.0	503331.8	5410524.8	39183.69922	299.91	0	48.847685	-86.954587	56290.87	56243.7	6.29	56297.15	56297.25781	56304.95855	56304.43359	503331.8	5410524.8
L3330.0	503331.7	5410523.3	39183.80078	299.53	0	48.847671	-86.954587	56290.34	56243.7	6.29	56296.63	56296.74219	56305.50970	56304.99609	503331.7	5410523.3
L3330.0	503331.7	5410523.3	39183.89844	300.37	0	48.847671	-86.954587	56289.21	56243.7	6.29	56295.50	56295.61328	56296.74912	56296.24609	503331.7	5410523.3
L3330.0	503331.7	5410521.8	39184.00000	300.84	0	48.847657	-86.954587	56288.76	56243.7	6.29	56295.05	56295.16797	56298.29700	56297.80078	503331.7	5410521.8
L3330.0	503331.7	5410521.8	39184.10156	301.82	0	48.847657	-86.954587	56287.71	56243.7	6.29	56294.00	56294.12109	56291.46453	56290.98047	503331.7	5410521.8
L3330.0	503331.7	5410519.8	39184.19922	302.99	0	48.847639	-86.954587	56287.69	56243.7	6.28	56293.97	56294.09766	56298.37740	56297.89844	503331.7	5410519.8
L3330.0	503331.7	5410518.4	39184.30078	303.75	0	48.847627	-86.954587	56287.32	56243.7	6.28	56293.60	56293.73047	56300.38838	56299.91797	503331.7	5410518.4
L3330.0	503331.7	5410518.4	39184.39844	303.63	0	48.847627	-86.954587	56286.76	56243.7	6.27	56293.04	56293.17188	56299.97656	56299.51563	503331.7	5410518.4
L3330.0	503331.7	5410516.7	39184.50000	302.81	0	48.847612	-86.954587	56286.01	56243.7	6.27	56292.28	56292.41797	56297.46429	56297.00781	503331.7	5410516.7
L3330.0	503331.7	5410515.7	39184.60156	300.81	0	48.847603	-86.954587	56285.31	56243.7	6.27	56291.57	56291.71094	56295.79594	56295.34766	503331.7	5410515.7
L3330.0	503331.7	5410514.0	39184.69922	301.80	0	48.847587	-86.954587	56284.96	56243.7	6.26	56291.22	56291.36719	56297.85440	56297.41406	503331.7	5410514.0
L3330.0	503331.7	5410514.0	39184.80078	299.72	0	48.847587	-86.954587	56284.45	56243.7	6.26	56290.70	56290.85156	56298.26453	56297.82813	503331.7	5410514.0
L3330.0	503331.7	5410514.0	39184.89844	299.79	0	48.847587	-86.954587	56284.06	56243.7	6.25	56290.31	56290.46484	56299.90978	56299.48047	503331.7	5410514.0
L3330.0	503331.8	5410511.9	39185.00000	299.10	0	48.847569	-86.954587	56283.20	56243.8	6.25	56289.45	56289.60938	56297.67645	56297.25000	503331.8	5410511.9
L3330.0	503331.8	5410510.8	39185.10156	298.68	0	48.847559	-86.954587	56282.10	56243.8	6.25	56288.35	56288.51172	56293.85830	56293.43750	503331.8	5410510.8
L3330.0	503331.8	5410509.4	39185.19922	297.02	0	48.847546	-86.954587	56280.69	56243.8	6.25	56286.94	56287.10938	56287.98211	56287.56641	503331.8	5410509.4
L3330.0	503331.8	5410508.0	39185.30078	298.11	0	48.847534	-86.954587	56279.75	56243.8	6.25	56286.00	56286.17188	56286.12843	56285.71484	503331.8	5410508.0
L3330.0	503331.8	5410508.0	39185.39844	299.00	0	48.847534	-86.954587	56278.72	56243.8	6.25	56284.97	56285.14453	56283.73688	56283.32422	503331.8	5410508.0
L3330.0	503331.8	5410506.5	39185.50000	298.07	0	48.847519	-86.954587	56278.50	56243.8	6.25	56284.75	56284.92969	56287.84932	56287.44141	503331.8	5410506.5
L3330.0	503331.8	5410505.1	39185.60156	298.73	0	48.847507	-86.954586	56277.61	56243.8	6.25	56283.86	56284.04688	56286.86105	56286.45313	503331.8	5410505.1
L3330.0	503331.8	5410505.1	39185.69922	300.52	0	48.847507	-86.954586	56277.17	56243.8	6.25	56283.42	56283.60938	56289.71010	56289.30469	503331.8	5410505.1
L3330.0	503331.8	5410503.3	39185.80078	300.75	0	48.847491	-86.954586	56275.96	56243.8	6.25	56282.21	56282.40625	56286.31386	56285.91016	503331.8	5410503.3
L3330.0	503331.8	5410501.7	39185.89844	299.31	0	48.847477	-86.954586	56274.98	56243.8	6.25	56281.23	56281.42969	56284.84083	56284.43750	503331.8	5410501.7
L3330.0	503331.8	5410501.7	39186.00000	299.87	0	48.847477	-86.954586	56274.05	56243.8	6.25	56280.30	56280.50391	56283.81720	56283.41406	503331.8	5410501.7
L3330.0	503331.8	5410500.1	39186.10156	300.38	0	48.847462	-86.954586	56273.17	56243.8	6.25	56279.42	56279.62891	56283.27336	56282.86719	503331.8	5410500.1
L3330.0	503331.9	5410498.4	39186.19922	301.29	0	48.847447	-86.954585	56272.96	56243.8	6.25	56279.21	56279.42188	56289.41895	56289.01172	503331.9	5410498.4

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L3330.0	503331.9	5410498.4	39186.30078	299.18	0	48.847447	-86.954585	56271.76	56243.8	6.24	56278.00	56278.21875	56285.73995	56285.33203	503331.9	5410498.4
L3330.0	503331.9	5410496.9	39186.39844	300.39	0	48.847434	-86.954585	56271.36	56243.8	6.24	56277.60	56277.82422	56290.43995	56290.03125	503331.9	5410496.9
L3330.0	503331.9	5410495.5	39186.50000	302.94	0	48.847421	-86.954585	56269.18	56243.8	6.24	56275.42	56275.64844	56275.96553	56275.55469	503331.9	5410495.5
L3330.0	503331.9	5410495.5	39186.60156	302.64	0	48.847421	-86.954585	56267.72	56243.8	6.24	56273.96	56274.19141	56268.89353	56268.48047	503331.9	5410495.5
L3330.0	503331.9	5410493.7	39186.69922	303.03	0	48.847404	-86.954585	56266.58	56243.8	6.24	56272.82	56273.05859	56265.29791	56264.87891	503331.9	5410493.7
L3330.0	503331.9	5410492.5	39186.80078	305.14	0	48.847394	-86.954585	56266.50	56243.8	6.23	56272.73	56272.97266	56273.72691	56273.30469	503331.9	5410492.5
L3330.0	503331.9	5410490.9	39186.89844	304.35	0	48.847379	-86.954584	56266.63	56243.8	6.23	56272.86	56273.10938	56284.90891	56284.48047	503331.9	5410490.9
L3330.0	503331.9	5410490.9	39187.00000	301.08	0	48.847379	-86.954584	56265.48	56243.8	6.23	56271.71	56271.96094	56281.54216	56281.10938	503331.9	5410490.9
L3330.0	503332.0	5410489.5	39187.10156	300.59	0	48.847367	-86.954584	56264.80	56243.8	6.23	56271.03	56271.28906	56283.67297	56283.23828	503332.0	5410489.5
L3330.0	503332.0	5410488.0	39187.19922	301.44	0	48.847354	-86.954584	56262.68	56243.8	6.23	56268.91	56269.17188	56269.54038	56269.09766	503332.0	5410488.0
L3330.0	503332.0	5410486.8	39187.30078	301.92	0	48.847343	-86.954584	56262.56	56243.8	6.23	56268.80	56269.06641	56278.49317	56278.04688	503332.0	5410486.8
L3330.0	503332.0	5410485.4	39187.39844	301.32	0	48.847330	-86.954584	56261.15	56243.8	6.23	56267.38	56267.65234	56272.77684	56272.32031	503332.0	5410485.4
L3330.0	503332.0	5410484.0	39187.50000	302.13	0	48.847317	-86.954584	56260.30	56243.8	6.24	56266.54	56266.81641	56273.85025	56273.39063	503332.0	5410484.0
L3330.0	503332.0	5410484.0	39187.60156	302.57	0	48.847317	-86.954584	56259.16	56243.8	6.24	56265.39	56265.67188	56271.65101	56271.18359	503332.0	5410484.0
L3330.0	503332.0	5410482.9	39187.69922	299.69	0	48.847307	-86.954584	56257.88	56243.8	6.24	56264.11	56264.39844	56268.19350	56267.71875	503332.0	5410482.9
L3330.0	503332.0	5410482.9	39187.80078	299.17	0	48.847307	-86.954584	56256.83	56243.8	6.24	56263.07	56263.36328	56267.66114	56267.17578	503332.0	5410482.9
L3330.0	503332.0	5410481.0	39187.89844	299.52	0	48.847291	-86.954584	56255.55	56243.8	6.24	56261.79	56262.08984	56264.57617	56264.08594	503332.0	5410481.0
L3330.0	503332.0	5410479.3	39188.00000	298.79	0	48.847275	-86.954584	56254.84	56243.8	6.24	56261.08	56261.38281	56268.24051	56267.74219	503332.0	5410479.3
L3330.0	503332.0	5410479.3	39188.10156	298.54	0	48.847275	-86.954584	56253.11	56243.8	6.24	56259.35	56259.66016	56260.24467	56259.73828	503332.0	5410479.3
L3330.0	503332.0	5410477.4	39188.19922	297.84	0	48.847258	-86.954584	56252.62	56243.8	6.24	56258.86	56259.17578	56266.87073	56266.35547	503332.0	5410477.4
L3330.0	503332.0	5410475.7	39188.30078	300.01	0	48.847243	-86.954584	56251.27	56243.8	6.24	56257.51	56257.82813	56263.55876	56263.03125	503332.0	5410475.7
L3330.0	503332.0	5410475.7	39188.39844	301.74	0	48.847243	-86.954584	56250.25	56243.8	6.24	56256.49	56256.81641	56264.27313	56263.73828	503332.0	5410475.7
L3330.0	503332.0	5410474.2	39188.50000	300.27	0	48.847229	-86.954584	56248.74	56243.8	6.24	56254.98	56255.30859	56259.22509	56258.67969	503332.0	5410474.2
L3330.0	503332.0	5410472.5	39188.60156	301.06	0	48.847214	-86.954584	56247.66	56243.8	6.25	56253.91	56254.24609	56259.55389	56259.00000	503332.0	5410472.5
L3330.0	503332.0	5410471.5	39188.69922	303.77	0	48.847205	-86.954584	56246.32	56243.8	6.25	56252.57	56252.91016	56256.71020	56256.14844	503332.0	5410471.5
L3330.0	503332.0	5410470.1	39188.80078	305.49	0	48.847192	-86.954584	56244.96	56243.8	6.25	56251.21	56251.55469	56253.70394	56253.13281	503332.0	5410470.1
L3330.0	503332.0	5410470.1	39188.89844	304.20	0	48.847192	-86.954584	56243.85	56243.8	6.25	56250.10	56250.45313	56253.86068	56253.27734	503332.0	5410470.1
L3330.0	503332.0	5410467.9	39189.00000	304.17	0	48.847172	-86.954584	56242.62	56243.8	6.25	56248.87	56249.22656	56252.66010	56252.07031	503332.0	5410467.9
L3330.0	503332.0	5410467.9	39189.10156	303.56	0	48.847172	-86.954584	56241.72	56243.8	6.25	56247.97	56248.33203	56255.64097	56255.03906	503332.0	5410467.9
L3330.0	503332.0	5410466.4	39189.19922	301.05	0	48.847159	-86.954584	56240.19	56243.8	6.25	56246.44	56246.80859	56251.00532	56250.39453	503332.0	5410466.4
L3330.0	503332.0	5410465.1	39189.30078	300.48	0	48.847147	-86.954584	56239.15	56243.8	6.25	56245.40	56245.77344	56252.51631	56251.89453	503332.0	5410465.1
L3330.0	503332.0	5410463.7	39189.39844	301.66	0	48.847135	-86.954584	56237.74	56243.8	6.25	56243.98	56244.35938	56249.52262	56248.89453	503332.0	5410463.7
L3330.0	503332.0	5410463.7	39189.50000	301.73	0	48.847135	-86.954584	56236.39	56243.8	6.25	56242.64	56243.02344	56247.65766	56247.01953	503332.0	5410463.7
L3330.0	503332.0	5410462.3	39189.60156	299.46	0	48.847123	-86.954584	56235.24	56243.8	6.24	56241.48	56241.87109	56248.05964	56247.41406	503332.0	5410462.3
L3330.0	503332.0	5410460.5	39189.69922	300.08	0	48.847106	-86.954584	56233.89	56243.8	6.24	56240.13	56240.52734	56246.33267	56245.67578	503332.0	5410460.5
L3330.0	503332.0	5410460.5	39189.80078	298.79	0	48.847106	-86.954584	56232.50	56243.8	6.24	56238.75	56239.15234	56244.40022	56243.73438	503332.0	5410460.5
L3330.0	503332.0	5410459.1	39189.89844	296.85	0	48.847094	-86.954584	56230.98	56243.8	6.24	56237.22	56237.62891	56240.94666	56240.27344	503332.0	5410459.1
L3330.0	503332.0	5410457.7	39190.00000	297.02	0	48.847081	-86.954584	56229.80	56243.8	6.24	56236.04	56236.45313	56241.44556	56240.76172	503332.0	5410457.7
L3330.0	503332.0	5410456.4	39190.10156	299.29	0	48.847069	-86.954584	56227.87	56243.8	6.24	56234.10	56234.51953	56233.97352	56233.28516	503332.0	5410456.4
L3330.0	503332.0	5410456.4	39190.19922	300.58	0	48.847069	-86.954584	56226.66	56243.8	6.24	56232.90	56233.32422	56234.42025	56233.72266	503332.0	5410456.4
L3330.0	503332.0	5410454.3	39190.30078	299.75	0	48.847050	-86.954584	56225.26	56243.8	6.23	56231.50	56231.93359	56232.83695	56232.13281	503332.0	5410454.3
L3330.0	503332.0	5410454.3	39190.39844	301.16	0	48.847050	-86.954584	56224.07	56243.8	6.23	56230.30	56230.73828	56233.26675	56232.55469	503332.0	5410454.3
L3330.0	503332.0	5410452.8	39190.50000	302.40	0	48.847037	-86.954583	56222.63	56243.8	6.23	56228.85	56229.29297	56231.26554	56230.54688	503332.0	5410452.8
L3330.0	503332.0	5410451.7	39190.60156	302.90	0	48.847027	-86.954583	56221.49	56243.8	6.23	56227.72	56228.17188	56232.40093	56231.67578	503332.0	5410451.7
L3330.0	503332.1	5410450.3	39190.69922	295.34	0	48.847014	-86.954583	56220.36	56243.8	6.23	56226.58	56227.03516	56233.47447	56232.74609	503332.1	5410450.3
L3330.0	503332.1	5410450.3	39190.80078	296.34	0	48.847014	-86.954583	56218.64	56243.8	6.22	56224.87	56225.33203	56229.16515	56228.42969	503332.1	5410450.3
L3330.0	503332.1	5410448.7	39190.89844	304.09	0	48.846999	-86.954583	56217.22	56243.8	6.22	56223.45	56223.91797	56227.72638	56226.98438	503332.1	5410448.7
L3330.0	503332.1	5410447.5	39191.00000	302.38	0	48.846989	-86.954583	56215.52	56243.8	6.22	56221.74	56222.21484	56223.61064	56222.86719	503332.1	5410447.5
L3330.0	503332.1	5410445.7	39191.10156	302.86	0	48.846973	-86.954583	56214.01	56243.8	6.22	56220.23	56220.71484	56221.54578	56220.80078	503332.1	5410445.7
L3330.0	503332.1	5410445.7	39191.19922	303.43	0	48.846973	-86.954583	56212.68	56243.8	6.22	56218.89	56219.37891	56221.29545	56220.54688	503332.1	5410445.7
L3330.0	503332.1	5410444.5	39191.30078	300.99	0	48.846962	-86.954583	56211.31	56243.8	6.22	56217.52	56218.01563	56220.96251	56220.21094	503332.1	5410444.5
L3330.0	503332.1	5410443.0	39191.39844	298.74	0	48.846948	-86.954583	56209.90	56243.8	6.22	56216.12	56216.62500	56220.57060	56219.81641	503332.1	5410443.0
L3330.0	503332.1	5410441.5	39191.50000	300.74	0	48.846935	-86.954582	56208.18	56243.8	6.21	56214.39	56214.90234	56217.15611	56216.40234	503332.1	5410441.5
L3330.0	503332.1	5410441.5	39191.60156	300.70	0	48.846935	-86.954582	56206.87	56243.8	6.21	56213.08	56213.59766	56218.16752	56217.41406	503332.1	5410441.5
L3330.0	503332.1	5410439.8	39191.69922	299.23	0	48.846920	-86.954582	56205.25	56243.8	6.21	56211.47	56211.99609	56216.43475	56215.68359	503332.1	5410439.8
L3330.0	503332.2	5410438.5	39191.80078	299.68	0	48.846908	-86.954582	56203.77	56243.8	6.21	56209.98	56210.51563	56216.17324	56215.42188	503332.2	5410438.5
L3330.0	503332.2	5410436.6	39191.89844	299.88	0	48.846891	-86.954582	56201.44	56243.8	6.21	56207.65	56208.19141	56207.32066	56206.57031	503332.2	5410436.6
L3330.0	503332.2	5410436.6	39192.00000	300.29	0	48.846891	-86.954582	56199.66	56243.8	6.21	56205.87	56206.41797	56204.23716	56203.49219	503332.2	5410436.6
L3330.0	503332.2	5410435.4	39192.10156	299.78	0	48.846880	-86.954582	56198.60	56243.8	6.21	56204.81	56205.36719	56209.18291	56208.44141	503332.2	5410435.4
L3330.0	503332.2	5410435.4	39192.19922	300.52	0	48.846880	-86.954582	56197.24	56243.8	6.21	56203.45	56204.01563	56211.18130	56210.44531	503332.2	5410435.4
L3330.0	503332.2	5410433.8	39192.30078	301.60	0	48.846866	-86.954582	56195.52	56243.8	6.21	56201.73	56202.30469	56209.17651	56208.44531	503332.2	5410433.8
L3330.0	503332.2	5410432.4	39192.39844	299.86	0	48.846854	-86.954582	56193.64	56243.8	6.21	56199.85	56200.43359	56205.10319	56204.38281	503332.2	5410432.4
L3330.0	503332.1	5410430.9	39192.50000	300.55	0	48.846839	-86.954582	56191.98	56243.8	6.20	56198.18	56198.76953	56203.43773	56202.72656	503332.1	5410430.9
L3330.0	503332.1	5410430.9	39192.60156	300.52	0	48.846839	-86.954582	56189.84	56243.8	6.20	56196.04	56196.64063	56195.17093	56194.46875	503332.1	5410430.9
L3330.0	503332.1	5410429.6	39192.69922	301.03	0	48.846828	-86.954583	56187.65	56243.8	6.20	56193.85	56194.46094	56185.31373	56184.62109	503332.1	5410429.6
L3330.0	503332.1	5410427.9	39192.80078	300.08	0	48.846813	-86.954583	56186.36	56243.8	6.20	56192.56	56193.17969	56187.98072	56187.29688	503332.1	5410427.9
L3330.0	503332.1	5410427.9	39192.89844	299.85	0	48.846813	-86.954583	56185.04	56243.8	6.20	56191.24	56191.86719	56190.37664	56189.70703	503332.1	5410427.9
L3330.0	503332.1	5410426.3	39193.00000	300.22	0	48.846798	-86.954583	56183.64	56243.8	6.20	56189.84	56190.47656	56191.60563	56190.94922	503332.1	5410426.3
L3330.0	503332.1	5410424.9	39193.10156	302.14	0	48.846786	-86.954583	56182.14	56243.8	6.20	56188.34	56188.98828	56191.15125	56190.51172	503332.1	5410424.9
L3330.0	503332.1	5410423.5	39193.19922	302.28	0	48.846773	-86.954583	56180.29	56243.8	6.20	56186.49	56187.14844	56184.35157	56183.72656	503332.1	5410423.5
L3330.0	503332.1	5410423.5	39193.30078	304.46	0	48.846773	-86.954583	56179.00	56243.8	6.20	56185.20	56185.86719	56187.40742	56186.79688	503332.1	5410423.5
L3330.0	503332.0	5410420.3	39193.39844	305.65	0	48.846745	-86.954584	56177.41	56243.8	6.20	56183.61	56184.28906	56184.97011	56184.37891	503332.0	5410420.3
L3330.0	503332.0	5410420.3	39193.50000	304.52	0	48.846745	-86.954584	56176.49	56243.8	6.20	56182.69	56183.37891	56195.49742	56194.92578	503332.0	5410420.3
L3330.0	503332.0	5410420.3	39193.60156	305.35	0	48.846745	-86.954584	56174.96	56243.8	6.20	56181.16	56181.86328	56194.37341	56193.82422	503332.0	5410420.3
L3330.0	503332.1	5410418.7	39193.69922	305.62	0	48.846730	-86.954584	56173.39	56243.8	6.20	56179.59	56180.30469	56192.41680	56191.88672	503332.1	5410418.7
L3330.0	503332.1	5410417.1	39193.80078	307.34	0	48.846716	-86.954583	56171.26	56243.8	6.20	56177.46	56178.18359	56179.11250	56178.60547	503332.1	5410417.1
L3330.0	503332.1	5410417.1	39193.89844	306.12	0	48.846716	-86.954583	56169.94	56243.8	6.20	56176.14	56176.87500	56182.12721	56181.64844	503332.1	5410417.1
L3330.0	503332.1	5410415.5	39194.00000	305.57	0	48.846701	-86.954583	56167.87	56243.8	6.20	56174.07	56174.82031	56170.01372	56169.56250	503332.1	5410415.5
L3330.0	503332.1	5410414.4	39194.10156	306.08	0	48.846691	-86.954583	56166.36	56243.8	6.20	56172.55	56173.31250	56169.04670	56168.62109	503332.1	5410414.4
L3330.0	503332.1	5410412.8	39194.19922	305.07	0	48.846677	-86.954583	56165.39	56243.8	6.19	56171.58	56172.35547	56178.87274	56178.47656	503332.1	5410412.8
L3330.0	503332.1	5410412.8	39194.30078	303.41	0	48.846677	-86.954583	56164.01	56243.8	6.19	56170.20	56170.98828	56180.33668	56179.96875	503332.1	5410412.8
L3330.0	503332.1	5410411.2	39194.39844	305.12	0	48.846662	-86.954583	56162.18	56243.8	6.18	56168.36	56169.16016	56172.94083	56172.60547	503332.1	5410411.2
L3330.0	503332.1	5410409.3	39194.50000	303.21	0	48.846645	-86.954583	56159.57	56243.8	6.18	56165.75	56166.56641	56151.76271	56151.46094	503332.1	5410409.3
L3330.0	503332.1	5410407.7	39194.60156	300.66	0	48.846631	-86.954583	56158.67	56243.8	6.18	56164.85	56165.67969	56161.99089	56161.72656	503332.1	5410407.7
L3330.0	503332.1	5410407.7	39194.69922	301.04	0	48.846631	-86.954583	56156.94	56243.8	6.17	56163.11	56163.95313	56157.17659	56156.94531	503332.1	5410407.7
L3330.0	503332.1	5410405.9	39194.80078	300.67	0	48.846614	-86.954583	56155.88	56243.8	6.17	56162.05	56162.91016	56163.82412	56163.62891	503332.1	5410405.9
L3330.0	503332.1	5410404.7	39194.89844	302.60	0	48.846604	-86.954583	56154.44	56243.8	6.16	56160.60	56161.47266	56163.82581	56163.67188	503332.1	5410404.7
L3330.0	503332.1	5410404.7	39195.00000	300.74	0	48.846604	-86.954583	56152.86	56243.8	6.16	56159.02	56159.91016	56161.89350	56161.78125	503332.1	5410404.7
L3330.0	503332.1	5410403.3	39195.10156	301.01	0	48.846591	-86.954583	56151.56	56243.8	6.16	56157.72	56158.62500	56164.27675	56164.20703	503332.1	5410403.3
L3330.0	503332.1	5410401.4	39195.19922	301.16	0	48.846575	-86.954583	56149.84	56243.8	6.16	56156.00	56156.92188	56160.69753	56160.66797	503332.1	5410401.4
L3330.0	503332.1	5410401.4	39195.30078	299.11	0	48.846575	-86.954583	56148.19	56243.8	6.16	56154.35	56155.28906	56158.46485	56158.48047	503332.1	5410401.4
L3330.0	503332.1	5410399.6	39195.39844	300.18	0	48.846558	-86.954583	56145.82	56243.8	6.16	56151.97	56152.92578	56146.79597	56146.85938	503332.1	5410399.6
L3330.0	503332.1	5410398.4	39195.50000	299.91	0	48.846548	-86.954583	56145.36	56243.8	6.15	56151.51	56152.48438	56160.91720	56161.03125	503332.1	5410398.4

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L3330.0	503332.1	5410396.8	39195.60156	300.46	0	48.846533	-86.954584	56143.98	56243.8	6.15	56150.14	56151.12891	56163.07203	56163.23438	503332.1	5410396.8
L3330.0	503332.1	5410396.8	39195.69922	300.09	0	48.846533	-86.954584	56142.11	56243.8	6.15	56148.26	56149.26953	56158.88271	56159.09766	503332.1	5410396.8
L3330.0	503332.1	5410394.9	39195.80078	301.40	0	48.846515	-86.954584	56139.70	56243.8	6.15	56145.85	56146.87891	56148.08423	56148.35156	503332.1	5410394.9
L3330.0	503332.0	5410393.3	39195.89844	301.99	0	48.846502	-86.954584	56137.32	56243.8	6.15	56143.47	56144.51563	56137.67374	56137.99609	503332.0	5410393.3
L3330.0	503332.0	5410393.3	39196.00000	300.96	0	48.846502	-86.954584	56135.11	56243.8	6.15	56141.26	56142.32422	56129.27762	56129.65625	503332.0	5410393.3
L3330.0	503332.0	5410391.9	39196.10156	302.40	0	48.846489	-86.954584	56132.79	56243.8	6.15	56138.94	56140.02734	56119.04964	56119.48828	503332.0	5410391.9
L3330.0	503332.0	5410390.3	39196.19922	302.78	0	48.846474	-86.954585	56132.62	56243.8	6.15	56138.77	56139.87500	56137.80130	56138.29688	503332.0	5410390.3
L3330.0	503332.0	5410390.3	39196.30078	301.36	0	48.846474	-86.954585	56131.65	56243.8	6.15	56137.80	56138.92578	56146.07877	56146.63281	503332.0	5410390.3
L3330.0	503332.0	5410388.8	39196.39844	300.64	0	48.846461	-86.954585	56130.66	56243.8	6.15	56136.81	56137.95703	56154.34532	56154.96484	503332.0	5410388.8
L3330.0	503331.9	5410387.0	39196.50000	302.27	0	48.846445	-86.954585	56127.78	56243.8	6.15	56133.93	56135.09766	56134.72473	56135.41016	503331.9	5410387.0
L3330.0	503331.9	5410386.3	39196.60156	302.00	0	48.846439	-86.954585	56125.27	56243.8	6.15	56131.42	56132.60938	56119.44171	56120.19141	503331.9	5410386.3
L3330.0	503331.9	5410386.3	39196.69922	302.51	0	48.846439	-86.954585	56123.48	56243.8	6.15	56129.63	56130.84375	56114.40355	56115.21875	503331.9	5410386.3
L3330.0	503331.9	5410384.6	39196.80078	302.51	0	48.846423	-86.954586	56122.39	56243.8	6.15	56128.54	56129.77734	56120.17221	56121.05469	503331.9	5410384.6
L3330.0	503331.9	5410383.5	39196.89844	304.05	0	48.846413	-86.954586	56121.31	56243.8	6.15	56127.46	56128.71875	56126.23330	56127.18750	503331.9	5410383.5
L3330.0	503331.8	5410381.9	39197.00000	303.98	0	48.846399	-86.954587	56120.12	56243.8	6.15	56126.27	56127.55078	56130.60018	56131.62891	503331.8	5410381.9
L3330.0	503331.8	5410381.9	39197.10156	302.48	0	48.846399	-86.954587	56119.23	56243.8	6.15	56125.38	56126.68750	56140.26370	56141.36328	503331.8	5410381.9
L3330.0	503331.8	5410380.5	39197.19922	302.54	0	48.846386	-86.954587	56117.36	56243.8	6.15	56123.51	56124.83984	56133.00908	56134.18359	503331.8	5410380.5
L3330.0	503331.8	5410378.9	39197.30078	304.69	0	48.846372	-86.954588	56115.54	56243.8	6.15	56121.69	56123.04688	56126.37503	56127.62500	503331.8	5410378.9
L3330.0	503331.7	5410377.5	39197.39844	303.61	0	48.846359	-86.954589	56113.18	56243.8	6.15	56119.33	56120.71094	56109.69119	56111.01953	503331.7	5410377.5
L3330.0	503331.7	5410377.5	39197.50000	302.06	0	48.846359	-86.954589	56111.74	56243.8	6.15	56117.89	56119.29688	56109.66676	56111.07422	503331.7	5410377.5
L3330.0	503331.7	5410376.2	39197.60156	303.79	0	48.846348	-86.954589	56110.20	56243.8	6.15	56116.35	56117.78125	56107.89892	56109.39063	503331.7	5410376.2
L3330.0	503331.7	5410374.8	39197.69922	304.22	0	48.846335	-86.954589	56108.91	56243.8	6.15	56115.06	56116.51953	56110.99229	56112.56250	503331.7	5410374.8
L3330.0	503331.6	5410373.3	39197.80078	303.51	0	48.846321	-86.954590	56107.72	56243.8	6.15	56113.87	56115.35547	56116.19861	56117.85156	503331.6	5410373.3
L3330.0	503331.6	5410373.3	39197.89844	303.48	0	48.846321	-86.954590	56106.51	56243.8	6.15	56112.66	56114.17578	56121.18588	56122.92578	503331.6	5410373.3
L3330.0	503331.6	5410371.8	39198.00000	304.17	0	48.846308	-86.954590	56104.48	56243.8	6.15	56110.63	56112.17188	56110.16354	56111.98828	503331.6	5410371.8
L3330.0	503331.6	5410370.1	39198.10156	304.72	0	48.846293	-86.954590	56102.99	56243.8	6.15	56109.14	56110.71094	56109.63042	56111.54297	503331.6	5410370.1
L3330.0	503331.6	5410370.1	39198.19922	303.05	0	48.846293	-86.954590	56101.12	56243.8	6.15	56107.27	56108.86719	56101.47303	56103.47266	503331.6	5410370.1
L3330.0	503331.6	5410368.5	39198.30078	303.59	0	48.846279	-86.954591	56099.81	56243.8	6.15	56105.96	56107.58594	56104.30874	56106.39844	503331.6	5410368.5
L3330.0	503331.5	5410367.2	39198.39844	303.36	0	48.846267	-86.954591	56098.14	56243.8	6.15	56104.29	56105.94531	56099.84244	56102.02344	503331.5	5410367.2
L3330.0	503331.5	5410367.2	39198.50000	303.22	0	48.846267	-86.954591	56096.62	56243.8	6.15	56102.77	56104.45703	56098.22702	56100.50391	503331.5	5410367.2
L3330.0	503331.5	5410365.8	39198.60156	304.66	0	48.846255	-86.954591	56095.07	56243.8	6.15	56101.22	56102.93750	56095.88583	56098.25391	503331.5	5410365.8
L3330.0	503331.5	5410364.5	39198.69922	304.27	0	48.846242	-86.954592	56093.66	56243.8	6.15	56099.81	56101.55859	56096.24248	56098.70313	503331.5	5410364.5
L3330.0	503331.5	5410363.1	39198.80078	304.35	0	48.846230	-86.954592	56092.02	56243.8	6.15	56098.17	56099.94922	56091.95220	56094.50781	503331.5	5410363.1
L3330.0	503331.5	5410363.1	39198.89844	302.68	0	48.846230	-86.954592	56090.70	56243.8	6.15	56096.85	56098.66016	56094.02589	56096.67969	503331.5	5410363.1
L3330.0	503331.4	5410361.3	39199.00000	304.92	0	48.846213	-86.954593	56089.03	56243.8	6.15	56095.18	56097.02344	56089.18923	56091.94141	503331.4	5410361.3
L3330.0	503331.4	5410359.9	39199.10156	305.64	0	48.846201	-86.954593	56087.68	56243.8	6.15	56093.83	56095.70313	56090.78985	56093.64063	503331.4	5410359.9
L3330.0	503331.4	5410359.9	39199.19922	304.18	0	48.846201	-86.954593	56086.68	56243.8	6.15	56092.83	56094.73828	56099.39771	56102.34766	503331.4	5410359.9
L3330.0	503331.4	5410358.6	39199.30078	303.09	0	48.846189	-86.954593	56085.23	56243.8	6.15	56091.39	56093.32813	56099.48594	56102.53516	503331.4	5410358.6
L3330.0	503331.4	5410357.0	39199.39844	303.04	0	48.846175	-86.954594	56083.44	56243.8	6.15	56089.59	56091.56250	56092.73411	56095.88672	503331.4	5410357.0
L3330.0	503331.4	5410355.5	39199.50000	301.86	0	48.846162	-86.954594	56081.57	56243.8	6.15	56087.72	56089.72656	56084.86958	56088.12500	503331.4	5410355.5
L3330.0	503331.4	5410355.5	39199.60156	301.75	0	48.846162	-86.954594	56080.13	56243.8	6.16	56086.28	56088.32031	56085.58951	56088.94922	503331.4	5410355.5
L3330.0	503331.4	5410353.9	39199.69922	302.58	0	48.846147	-86.954594	56078.43	56243.8	6.16	56084.58	56086.65234	56081.45455	56084.91406	503331.4	5410353.9
L3330.0	503331.4	5410352.2	39199.80078	303.70	0	48.846132	-86.954593	56076.89	56243.8	6.16	56083.05	56085.16016	56080.75543	56084.32031	503331.4	5410352.2
L3330.0	503331.4	5410352.2	39199.89844	303.22	0	48.846132	-86.954593	56074.94	56243.8	6.16	56081.10	56083.24219	56072.12573	56075.79688	503331.4	5410352.2
L3330.0	503331.4	5410350.3	39200.00000	304.78	0	48.846115	-86.954593	56073.39	56243.8	6.16	56079.56	56081.73828	56071.42750	56075.20313	503331.4	5410350.3
L3330.0	503331.4	5410349.1	39200.10156	305.98	0	48.846103	-86.954593	56071.90	56243.8	6.16	56078.06	56080.27344	56071.48895	56075.37109	503331.4	5410349.1
L3330.0	503331.4	5410349.1	39200.19922	304.71	0	48.846103	-86.954593	56070.59	56243.8	6.16	56076.75	56079.00000	56075.05587	56079.04297	503331.4	5410349.1
L3330.0	503331.4	5410346.1	39200.30078	302.94	0	48.846077	-86.954593	56069.02	56243.8	6.16	56075.18	56077.46484	56073.63864	56077.73438	503331.4	5410346.1
L3330.0	503331.4	5410346.1	39200.39844	301.74	0	48.846077	-86.954593	56067.18	56243.8	6.16	56073.34	56075.66016	56067.14727	56071.35156	503331.4	5410346.1
L3330.0	503331.4	5410344.3	39200.50000	304.11	0	48.846061	-86.954593	56065.71	56243.8	6.16	56071.87	56074.22656	56067.37405	56071.68750	503331.4	5410344.3
L3330.0	503331.4	5410342.5	39200.60156	305.06	0	48.846044	-86.954593	56063.81	56243.8	6.16	56069.97	56072.36328	56059.69222	56064.11328	503331.4	5410342.5
L3330.0	503331.4	5410342.5	39200.69922	303.11	0	48.846044	-86.954593	56062.65	56243.8	6.16	56068.81	56071.23828	56065.19408	56069.72266	503331.4	5410342.5
L3330.0	503331.4	5410340.8	39200.80078	303.38	0	48.846029	-86.954593	56061.10	56243.8	6.16	56067.26	56069.72656	56063.55115	56068.18750	503331.4	5410340.8
L3330.0	503331.4	5410340.8	39200.89844	304.35	0	48.846029	-86.954593	56060.12	56243.8	6.16	56066.28	56068.78516	56071.64166	56076.38672	503331.4	5410340.8
L3330.0	503331.4	5410339.3	39201.00000	303.92	0	48.846016	-86.954594	56057.99	56243.8	6.16	56064.15	56066.69141	56059.78618	56064.64063	503331.4	5410339.3
L3330.0	503331.4	5410338.2	39201.10156	304.90	0	48.846005	-86.954594	56056.78	56243.8	6.16	56062.94	56065.51953	56063.55104	56068.51563	503331.4	5410338.2
L3330.0	503331.3	5410336.5	39201.19922	303.17	0	48.845990	-86.954594	56054.86	56243.8	6.16	56061.02	56063.63672	56055.39187	56060.46094	503331.3	5410336.5
L3330.0	503331.3	5410335.2	39201.30078	302.55	0	48.845978	-86.954594	56053.23	56243.8	6.16	56059.39	56062.04297	56052.06448	56057.24219	503331.3	5410335.2
L3330.0	503331.3	5410335.2	39201.39844	300.58	0	48.845978	-86.954594	56051.57	56243.8	6.16	56057.73	56060.42188	56048.24246	56053.53125	503331.3	5410335.2
L3330.0	503331.3	5410333.7	39201.50000	301.72	0	48.845966	-86.954594	56050.28	56243.8	6.16	56056.44	56059.16797	56050.20049	56055.59766	503331.3	5410333.7
L3330.0	503331.3	5410332.4	39201.60156	302.17	0	48.845954	-86.954595	56049.08	56243.8	6.16	56055.24	56058.00781	56053.34941	56058.85547	503331.3	5410332.4
L3330.0	503331.3	5410330.9	39201.69922	302.06	0	48.845940	-86.954595	56047.22	56243.8	6.16	56053.38	56056.18359	56046.20360	56051.81641	503331.3	5410330.9
L3330.0	503331.3	5410330.9	39201.80078	301.23	0	48.845940	-86.954595	56045.95	56243.8	6.16	56052.11	56054.95313	56047.94977	56053.66797	503331.3	5410330.9
L3330.0	503331.3	5410329.5	39201.89844	301.53	0	48.845927	-86.954595	56044.18	56243.8	6.16	56050.34	56053.21875	56041.99886	56047.82422	503331.3	5410329.5
L3330.0	503331.3	5410327.6	39202.00000	301.72	0	48.845910	-86.954595	56043.27	56243.8	6.16	56049.43	56052.34766	56048.71771	56054.65234	503331.3	5410327.6
L3330.0	503331.3	5410327.6	39202.10156	300.77	0	48.845910	-86.954595	56041.25	56243.8	6.16	56047.41	56050.36719	56038.70334	56044.74219	503331.3	5410327.6
L3330.0	503331.3	5410326.1	39202.19922	301.20	0	48.845897	-86.954595	56040.11	56243.8	6.16	56046.27	56049.26172	56041.54312	56047.68750	503331.3	5410326.1
L3330.0	503331.3	5410324.8	39202.30078	302.54	0	48.845886	-86.954595	56038.41	56243.8	6.16	56044.57	56047.60156	56035.80865	56042.05469	503331.3	5410324.8
L3330.0	503331.3	5410323.2	39202.39844	301.79	0	48.845871	-86.954595	56037.78	56243.8	6.16	56043.95	56047.01953	56045.98904	56052.33984	503331.3	5410323.2
L3330.0	503331.3	5410323.2	39202.50000	300.68	0	48.845871	-86.954595	56036.06	56243.8	6.17	56042.22	56045.32813	56039.27606	56045.73438	503331.3	5410323.2
L3330.0	503331.3	5410321.8	39202.60156	301.05	0	48.845858	-86.954595	56034.39	56243.8	6.17	56040.56	56043.70313	56033.24900	56039.80859	503331.3	5410321.8
L3330.0	503331.3	5410320.3	39202.69922	302.86	0	48.845844	-86.954595	56033.08	56243.8	6.17	56039.25	56042.43359	56032.27677	56038.93750	503331.3	5410320.3
L3330.0	503331.3	5410320.3	39202.80078	304.08	0	48.845844	-86.954595	56031.48	56243.8	6.17	56037.65	56040.87109	56026.43661	56033.19922	503331.3	5410320.3
L3330.0	503331.3	5410318.5	39202.89844	303.79	0	48.845829	-86.954595	56030.42	56243.8	6.17	56036.59	56039.84766	56028.88324	56035.74609	503331.3	5410318.5
L3330.0	503331.3	5410317.1	39203.00000	303.47	0	48.845816	-86.954595	56028.70	56243.8	6.17	56034.87	56038.16406	56020.35129	56027.31250	503331.3	5410317.1
L3330.0	503331.3	5410317.1	39203.10156	303.16	0	48.845816	-86.954595	56028.02	56243.8	6.17	56034.19	56037.52344	56028.66040	56035.71875	503331.3	5410317.1
L3330.0	503331.3	5410315.5	39203.19922	302.48	0	48.845802	-86.954595	56026.66	56243.8	6.17	56032.82	56036.18750	56025.30921	56032.46484	503331.3	5410315.5
L3330.0	503331.3	5410314.1	39203.30078	301.42	0	48.845789	-86.954595	56025.82	56243.8	6.17	56031.99	56035.39453	56030.90522	56038.15625	503331.3	5410314.1
L3330.0	503331.3	5410312.5	39203.39844	302.54	0	48.845775	-86.954595	56024.12	56243.8	6.17	56030.29	56033.73438	56021.23371	56028.58203	503331.3	5410312.5
L3330.0	503331.3	5410312.5	39203.50000	302.27	0	48.845775	-86.954595	56023.11	56243.8	6.17	56029.28	56032.75781	56023.23083	56030.67188	503331.3	5410312.5
L3330.0	503331.3	5410310.9	39203.60156	303.66	0	48.845760	-86.954595	56021.72	56243.8	6.16	56027.88	56031.39453	56018.04958	56025.58594	503331.3	5410310.9
L3330.0	503331.3	5410309.3	39203.69922	303.39	0	48.845746	-86.954595	56020.50	56243.8	6.16	56026.66	56030.21094	56015.72104	56023.34766	503331.3	5410309.3
L3330.0	503331.3	5410309.3	39203.80078	303.30	0	48.845746	-86.954595	56019.55	56243.8	6.16	56025.71	56029.29688	56017.93184	56025.64844	503331.3	5410309.3
L3330.0	503331.3	5410307.6	39203.89844	304.24	0	48.845731	-86.954595	56018.15	56243.8	6.16	56024.31	56027.93359	56011.69520	56019.50000	503331.3	5410307.6
L3330.0	503331.3	5410306.6	39204.00000	304.74	0	48.845721	-86.954595	56017.65	56243.8	6.16	56023.81	56027.46875	56021.40103	56029.29297	503331.3	5410306.6
L3330.0	503331.3	5410305.0	39204.10156	305.18	0	48.845707	-86.954595	56016.08	56243.8	6.16	56022.24	56025.93359	56011.37268	56019.35156	503331.3	5410305.0
L3330.0	503331.3	5410305.0	39204.19922	303.85	0	48.845707	-86.954595	56015.44	56243.8	6.16	56021.60	56025.32813	56017.80669	56025.87109	503331.3	5410305.0
L3330.0	503331.2	5410303.4	39204.30078	301.66	0	48.845692	-86.954595	56014.06	56243.8	6.15	56020.21	56023.97266	56010.31303	56018.46094	503331.2	5410303.4
L3330.0	503331.2	5410301.9	39204.39844	300.88	0	48.845679	-86.954596	56012.92	56243.8	6.15	56019.07	56022.86719	56006.97546	56015.20313	503331.2	5410301.9
L3330.0	503331.2	5410301.9	39204.50000	300.92	0	48.845679	-86.954596	56011.73	56243.8	6.15	56017.88	56021.71094	56002.39658	56010.70703	503331.2	5410301.9
L3330.0	503331.2	5410299.6	39204.60156	300.80	0	48.845659	-86.954596	56010.94	56243.9	6.15	56017.09	56020.95313	56004.54261	56012.92969	503331.2	5410299.6
L3330.0	503331.2	5410299.6	39204.69922	302.58	0	48.845659	-86.954596	56010.23	56243.9	6.15	56016.38	56020.27344	56007.63943	56016.10547	503331.2	5410299.6
L3330.0	503331.2	5410298.0	39204.80078	303.04	0	48.845644	-86.954596	56009.22	56243.9	6.14	56015.37	56019.29688	56005.05896	56013.59766	503331.2	5410298.0

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L3330.0	503331.2	5410296.7	39204.89844	302.45	0	48.845633	-86.954596	56008.72	56243.9	6.14	56014.86	56018.82031	56010.68078	56019.29297	503331.2	5410296.7
L3330.0	503331.2	5410295.3	39205.00000	303.12	0	48.845620	-86.954596	56007.61	56243.9	6.14	56013.75	56017.74219	56005.54954	56014.23438	503331.2	5410295.3
L3330.0	503331.2	5410295.3	39205.10156	303.28	0	48.845620	-86.954596	56006.77	56243.9	6.14	56012.91	56016.93359	56004.61853	56013.37500	503331.2	5410295.3
L3330.0	503331.2	5410293.7	39205.19922	302.35	0	48.845605	-86.954596	56005.91	56243.9	6.14	56012.05	56016.10156	56002.91253	56011.73438	503331.2	5410293.7
L3330.0	503331.2	5410292.3	39205.30078	303.10	0	48.845593	-86.954596	56005.18	56243.9	6.14	56011.32	56015.40234	56002.94113	56011.82813	503331.2	5410292.3
L3330.0	503331.2	5410292.3	39205.39844	301.57	0	48.845593	-86.954596	56004.46	56243.9	6.14	56010.60	56014.71484	56002.67443	56011.62500	503331.2	5410292.3
L3330.0	503331.2	5410290.6	39205.50000	301.50	0	48.845578	-86.954596	56003.54	56243.9	6.14	56009.68	56013.82422	55998.61263	56007.62500	503331.2	5410290.6
L3330.0	503331.2	5410290.6	39205.60156	297.19	0	48.845578	-86.954596	56002.92	56243.9	6.14	56009.06	56013.23047	55999.08142	56008.15625	503331.2	5410290.6
L3330.0	503331.2	5410289.1	39205.69922	297.10	0	48.845564	-86.954596	56002.14	56243.9	6.14	56008.28	56012.48047	55996.41111	56005.54297	503331.2	5410289.1
L3330.0	503331.3	5410287.2	39205.80078	298.27	0	48.845547	-86.954595	56001.58	56243.9	6.14	56007.72	56011.94922	55996.94008	56006.12500	503331.3	5410287.2
L3330.0	503331.3	5410287.2	39205.89844	299.93	0	48.845547	-86.954595	56001.05	56243.9	6.14	56007.19	56011.44531	55997.51258	56006.75000	503331.3	5410287.2
L3330.0	503331.3	5410285.8	39206.00000	300.98	0	48.845535	-86.954595	56000.42	56243.9	6.14	56006.56	56010.84375	55995.94425	56005.23438	503331.3	5410285.8
L3330.0	503331.3	5410284.6	39206.10156	304.03	0	48.845523	-86.954595	55999.94	56243.9	6.14	56006.08	56010.39063	55996.46135	56005.79688	503331.3	5410284.6
L3330.0	503331.3	5410284.6	39206.19922	304.94	0	48.845523	-86.954595	55999.48	56243.9	6.14	56005.62	56009.95703	55996.89163	56006.27344	503331.3	5410284.6
L3330.0	503331.3	5410283.3	39206.30078	302.56	0	48.845512	-86.954595	55999.08	56243.9	6.13	56005.21	56009.57031	55997.76581	56007.19141	503331.3	5410283.3
L3330.0	503331.3	5410281.8	39206.39844	303.09	0	48.845498	-86.954595	55998.42	56243.9	6.13	56004.55	56008.93750	55993.90319	56003.36719	503331.3	5410281.8
L3330.0	503331.3	5410281.8	39206.50000	303.39	0	48.845498	-86.954595	55998.30	56243.9	6.13	56004.43	56008.83984	55999.02736	56008.52734	503331.3	5410281.8
L3330.0	503331.3	5410279.7	39206.60156	304.71	0	48.845480	-86.954594	55997.84	56243.9	6.13	56003.97	56008.40234	55997.85297	56007.39063	503331.3	5410279.7
L3330.0	503331.3	5410278.4	39206.69922	303.52	0	48.845468	-86.954594	55997.18	56243.9	6.13	56003.31	56007.76563	55992.73879	56002.30859	503331.3	5410278.4
L3330.0	503331.3	5410277.2	39206.80078	304.85	0	48.845457	-86.954594	55996.70	56243.9	6.12	56002.83	56007.30859	55990.39610	55999.99219	503331.3	5410277.2
L3330.0	503331.3	5410277.2	39206.89844	304.90	0	48.845457	-86.954594	55996.32	56243.9	6.12	56002.45	56006.95313	55989.45488	55999.07813	503331.3	5410277.2
L3330.0	503331.4	5410275.7	39207.00000	304.07	0	48.845444	-86.954594	55996.25	56243.9	6.12	56002.37	56006.89453	55993.58217	56003.22656	503331.4	5410275.7
L3330.0	503331.4	5410275.7	39207.10156	303.77	0	48.845444	-86.954594	55995.92	56243.9	6.12	56002.04	56006.58594	55992.84883	56002.51563	503331.4	5410275.7
L3330.0	503331.3	5410274.2	39207.19922	303.26	0	48.845430	-86.954594	55995.74	56243.9	6.12	56001.86	56006.42578	55994.50948	56004.19141	503331.3	5410274.2
L3330.0	503331.3	5410273.0	39207.30078	301.87	0	48.845419	-86.954595	55995.32	56243.9	6.12	56001.44	56006.02344	55991.38718	56001.08203	503331.3	5410273.0
L3330.0	503331.3	5410271.8	39207.39844	302.15	0	48.845408	-86.954595	55995.01	56243.9	6.12	56001.13	56005.73438	55989.91209	55999.61719	503331.3	5410271.8
L3330.0	503331.3	5410271.8	39207.50000	303.89	0	48.845408	-86.954595	55994.93	56243.9	6.12	56001.05	56005.67188	55992.35276	56002.06641	503331.3	5410271.8
L3330.0	503331.3	5410270.2	39207.60156	304.20	0	48.845394	-86.954595	55994.75	56243.9	6.12	56000.87	56005.51172	55992.55619	56002.27344	503331.3	5410270.2
L3330.0	503331.3	5410268.9	39207.69922	302.50	0	48.845383	-86.954595	55994.56	56243.9	6.12	56000.68	56005.33984	55992.18627	56001.90234	503331.3	5410268.9
L3330.0	503331.3	5410268.9	39207.80078	301.52	0	48.845383	-86.954595	55994.30	56243.9	6.12	56000.42	56005.09375	55990.11689	55999.82813	503331.3	5410268.9
L3330.0	503331.3	5410267.4	39207.89844	300.63	0	48.845369	-86.954595	55994.30	56243.9	6.12	56000.42	56005.11328	55992.52206	56002.22656	503331.3	5410267.4
L3330.0	503331.3	5410266.1	39208.00000	301.92	0	48.845357	-86.954596	55994.22	56243.9	6.12	56000.34	56005.04688	55993.03882	56002.73047	503331.3	5410266.1
L3330.0	503331.3	5410266.1	39208.10156	302.64	0	48.845357	-86.954596	55994.35	56243.9	6.12	56000.47	56005.19141	55997.03931	56006.71875	503331.3	5410266.1
L3330.0	503331.2	5410264.7	39208.19922	303.20	0	48.845345	-86.954596	55993.97	56243.9	6.12	56000.09	56004.82813	55991.31384	56000.97266	503331.2	5410264.7
L3330.0	503331.2	5410263.5	39208.30078	302.45	0	48.845333	-86.954596	55993.74	56243.9	6.12	55999.86	56004.60938	55988.08808	55997.72656	503331.2	5410263.5
L3330.0	503331.2	5410263.5	39208.39844	303.38	0	48.845333	-86.954596	55993.64	56243.9	6.12	55999.77	56004.53516	55987.13465	55996.74609	503331.2	5410263.5
L3330.0	503331.2	5410262.4	39208.50000	304.69	0	48.845324	-86.954596	55993.62	56243.9	6.13	55999.75	56004.52734	55987.16559	55996.74609	503331.2	5410262.4
L3330.0	503331.2	5410261.3	39208.60156	304.92	0	48.845314	-86.954596	55993.64	56243.9	6.13	55999.77	56004.55859	55987.64841	55997.19141	503331.2	5410261.3
L3330.0	503331.2	5410261.3	39208.69922	305.54	0	48.845314	-86.954596	55993.97	56243.9	6.13	56000.10	56004.90234	55993.07718	56002.58203	503331.2	5410261.3
L3330.0	503331.2	5410259.9	39208.80078	303.58	0	48.845302	-86.954597	55994.32	56243.9	6.13	56000.45	56005.26172	55998.41657	56007.87891	503331.2	5410259.9
L3330.0	503331.2	5410258.9	39208.89844	303.44	0	48.845292	-86.954597	55994.53	56243.9	6.13	56000.66	56005.48047	56001.13596	56010.54688	503331.2	5410258.9
L3330.0	503331.2	5410257.9	39209.00000	302.74	0	48.845283	-86.954597	55994.43	56243.9	6.13	56000.56	56005.39063	55998.79856	56008.16016	503331.2	5410257.9
L3330.0	503331.2	5410257.9	39209.10156	303.27	0	48.845283	-86.954597	55994.20	56243.9	6.13	56000.32	56005.16016	55994.35584	56003.66016	503331.2	5410257.9
L3330.0	503331.2	5410256.5	39209.19922	302.85	0	48.845270	-86.954597	55994.22	56243.9	6.12	56000.34	56005.19141	55993.89202	56003.13281	503331.2	5410256.5
L3330.0	503331.2	5410255.6	39209.30078	301.88	0	48.845262	-86.954597	55994.35	56243.9	6.12	56000.47	56005.32813	55994.98431	56004.16016	503331.2	5410255.6
L3330.0	503331.2	5410255.6	39209.39844	300.08	0	48.845262	-86.954597	55994.45	56243.9	6.11	56000.56	56005.42578	55995.41450	56004.51953	503331.2	5410255.6
L3330.0	503331.2	5410254.5	39209.50000	300.76	0	48.845253	-86.954597	55994.56	56243.9	6.11	56000.67	56005.54297	55996.06607	56005.09375	503331.2	5410254.5
L3330.0	503331.2	5410253.6	39209.60156	301.43	0	48.845245	-86.954597	55994.83	56243.9	6.11	56000.94	56005.82031	55998.89098	56007.83984	503331.2	5410253.6
L3330.0	503331.2	5410252.8	39209.69922	300.51	0	48.845237	-86.954597	55994.78	56243.9	6.10	56000.88	56005.76563	55997.04786	56005.91016	503331.2	5410252.8
L3330.0	503331.2	5410252.8	39209.80078	299.21	0	48.845237	-86.954597	55994.68	56243.9	6.10	56000.78	56005.67188	55994.58111	56003.35156	503331.2	5410252.8
L3330.0	503331.2	5410251.3	39209.89844	300.77	0	48.845224	-86.954597	55994.78	56243.9	6.09	56000.87	56005.76563	55994.67548	56003.35156	503331.2	5410251.3
L3330.0	503331.2	5410250.3	39210.00000	301.10	0	48.845215	-86.954597	55994.93	56243.9	6.09	56001.02	56005.91797	55995.53889	56004.11328	503331.2	5410250.3
L3330.0	503331.2	5410250.3	39210.10156	300.86	0	48.845215	-86.954597	55995.21	56243.9	6.09	56001.30	56006.20313	55998.25475	56006.72266	503331.2	5410250.3
L3330.0	503331.2	5410248.4	39210.19922	300.79	0	48.845198	-86.954597	55995.18	56243.9	6.09	56001.28	56006.18750	55996.46256	56004.82031	503331.2	5410248.4
L3330.0	503331.2	5410248.4	39210.30078	301.28	0	48.845198	-86.954597	55995.36	56243.9	6.09	56001.46	56006.36719	55997.56866	56005.81250	503331.2	5410248.4
L3330.0	503331.2	5410247.3	39210.39844	302.10	0	48.845188	-86.954597	55995.39	56243.9	6.09	56001.48	56006.39063	55996.02693	56004.14844	503331.2	5410247.3
L3330.0	503331.2	5410247.3	39210.50000	301.96	0	48.845188	-86.954597	55995.46	56243.9	6.09	56001.55	56006.46094	55995.06121	56003.05469	503331.2	5410247.3
L3330.0	503331.2	5410246.4	39210.60156	303.03	0	48.845180	-86.954597	55995.69	56243.9	6.10	56001.79	56006.70313	55996.80207	56004.66406	503331.2	5410246.4
L3330.0	503331.2	5410245.5	39210.69922	305.85	0	48.845172	-86.954597	55995.89	56243.9	6.10	56001.99	56006.90625	55997.76882	56005.49219	503331.2	5410245.5
L3330.0	503331.2	5410244.5	39210.80078	305.48	0	48.845163	-86.954597	55996.05	56243.9	6.10	56002.14	56007.05469	55997.68229	56005.26172	503331.2	5410244.5
L3330.0	503331.2	5410244.5	39210.89844	304.41	0	48.845163	-86.954597	55996.30	56243.9	6.10	56002.40	56007.31641	55999.48246	56006.91406	503331.2	5410244.5
L3330.0	503331.2	5410243.6	39211.00000	306.51	0	48.845155	-86.954597	55996.38	56243.9	6.10	56002.47	56007.38281	55997.45250	56004.72656	503331.2	5410243.6
L3330.0	503331.2	5410242.5	39211.10156	308.18	0	48.845145	-86.954597	55996.50	56243.9	6.10	56002.60	56007.51172	55996.31064	56003.42578	503331.2	5410242.5
L3330.0	503331.2	5410241.7	39211.19922	305.18	0	48.845138	-86.954597	55996.81	56243.9	6.10	56002.90	56007.81250	55998.40069	56005.35156	503331.2	5410241.7
L3330.0	503331.2	5410241.7	39211.30078	305.86	0	48.845138	-86.954597	55996.95	56243.9	6.10	56003.05	56007.96094	55997.24737	56004.02734	503331.2	5410241.7
L3330.0	503331.2	5410241.0	39211.39844	305.19	0	48.845131	-86.954597	55997.16	56243.9	6.10	56003.26	56008.16797	55997.15238	56003.75391	503331.2	5410241.0
L3330.0	503331.2	5410241.0	39211.50000	305.89	0	48.845131	-86.954597	55997.26	56243.9	6.10	56003.36	56008.26563	55994.54840	56000.96484	503331.2	5410241.0
L3330.0	503331.2	5410239.2	39211.60156	306.02	0	48.845115	-86.954597	55997.66	56243.9	6.10	56003.76	56008.66016	55998.26195	56004.49219	503331.2	5410239.2
L3330.0	503331.2	5410239.2	39211.69922	305.20	0	48.845115	-86.954597	55997.92	56243.9	6.10	56004.02	56008.91797	55998.89597	56004.92969	503331.2	5410239.2
L3330.0	503331.2	5410238.4	39211.80078	305.46	0	48.845108	-86.954597	55998.14	56243.9	6.10	56004.24	56009.13281	55998.60906	56004.44141	503331.2	5410238.4
L3330.0	503331.2	5410237.7	39211.89844	302.04	0	48.845102	-86.954597	55998.42	56243.9	6.10	56004.52	56009.41016	55999.61143	56005.23828	503331.2	5410237.7
L3330.0	503331.2	5410237.7	39212.00000	302.23	0	48.845102	-86.954597	55998.75	56243.9	6.10	56004.85	56009.73438	56001.71814	56007.13281	503331.2	5410237.7
L3330.0	503331.2	5410236.7	39212.10156	304.06	0	48.845093	-86.954597	55998.93	56243.9	6.10	56005.03	56009.91016	56000.61621	56005.81250	503331.2	5410236.7
L3330.0	503331.2	5410235.9	39212.19922	304.38	0	48.845086	-86.954597	55999.16	56243.9	6.10	56005.26	56010.13281	56000.68653	56005.66016	503331.2	5410235.9
L3330.0	503331.2	5410235.9	39212.30078	301.70	0	48.845086	-86.954597	55999.64	56243.9	6.11	56005.75	56010.61719	56006.43599	56011.17969	503331.2	5410235.9
L3330.0	503331.2	5410235.1	39212.39844	303.47	0	48.845078	-86.954597	55999.91	56243.9	6.11	56006.02	56010.88281	56007.55318	56012.06250	503331.2	5410235.1
L3330.0	503331.2	5410234.3	39212.50000	304.81	0	48.845071	-86.954596	56000.09	56243.9	6.11	56006.20	56011.05469	56006.88646	56011.15234	503331.2	5410234.3
L3330.0	503331.2	5410234.3	39212.60156	303.91	0	48.845071	-86.954596	56000.24	56243.9	6.11	56006.35	56011.19922	56005.73489	56009.75391	503331.2	5410234.3
L3330.0	503331.3	5410233.5	39212.69922	305.35	0	48.845064	-86.954596	56000.32	56243.9	6.11	56006.43	56011.27344	56003.26995	56007.03516	503331.3	5410233.5
L3330.0	503331.3	5410232.8	39212.80078	306.73	0	48.845057	-86.954595	56000.55	56243.9	6.12	56006.66	56011.49609	56004.04370	56007.55078	503331.3	5410232.8
L3330.0	503331.3	5410232.8	39212.89844	297.39	0	48.845057	-86.954595	56000.70	56243.9	6.12	56006.82	56011.64844	56003.45394	56006.69531	503331.3	5410232.8
L3330.0	503331.3	5410232.1	39213.00000	299.45	0	48.845052	-86.954595	56000.95	56243.9	6.12	56007.07	56011.89063	56004.76487	56007.73828	503331.3	5410232.1
L3330.0	503331.4	5410231.3	39213.10156	305.63	0	48.845044	-86.954594	56001.26	56243.9	6.12	56007.38	56012.19141	56007.30511	56010.00000	503331.4	5410231.3
L3330.0	503331.4	5410231.3	39213.19922	303.86	0	48.845044	-86.954594	56001.25	56243.9	6.12	56007.37	56012.17188	56003.35845	56005.77344	503331.4	5410231.3
L3330.0	503331.4	5410230.6	39213.30078	303.26	0	48.845038	-86.954594	56001.31	56243.9	6.12	56007.43	56012.22266	56000.84149	56002.96875	503331.4	5410230.6
L3330.0	503331.5	5410230.0	39213.39844	304.45	0	48.845032	-86.954593	56001.43	56243.9	6.12	56007.55	56012.33594	55999.51461	56001.35156	503331.5	5410230.0
L3330.0	503331.5	5410229.3	39213.50000	305.26	0	48.845026	-86.954593	56001.76	56243.9	6.12	56007.88	56012.65625	56002.28358	56003.82031	503331.5	5410229.3
L3330.0	503331.5	5410229.3	39213.60156	304.35	0	48.845026	-86.954593	56002.14	56243.9	6.12	56008.26	56013.02734	56005.90691	56007.14063	503331.5	5410229.3
L3330.0	503331.5	5410228.8	39213.69922	305.09	0	48.845021	-86.954592	56002.44	56243.9	6.12	56008.56	56013.31641	56007.85495	56008.78125	503331.5	5410228.8
L3330.0	503331.6	5410228.3	39213.80078	304.76	0	48.845017	-86.954592	56002.67	56243.9	6.12	56008.79	56013.53906	56008.38405	56008.99609	503331.6	5410228.3
L3330.0	503331.6	5410228.3	39213.89844	303.88	0	48.845017	-86.954592	56003.18	56243.9	6.12	56009.30	56014.03906	56014.11653	56014.40625	503331.6	5410228.3
L3330.0	503331.6	5410227.7	39214.00000	302.14	0	48.845011	-86.954591	56003.41	56243.9	6.12	56009.53	56014.25781	56014.53206	56014.49609	503331.6	5410227.7
L3330.0	503331.6	5410227.7	39214.10156	301.84	0	48.845011	-86.954591	56003.23	56243.9	6.12	56009.35	56014.06641	56007.52059	56007.15625	503331.6	5410227.7

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L3330.0	503331.6	5410227.0	39214.19922	303.05	0	48.845005	-86.954591	56003.46	56243.9	6.12	56009.58	56014.28516	56008.12873	56007.42969	503331.6	5410227.0
L3330.0	503331.7	5410226.4	39214.30078	301.95	0	48.845000	-86.954590	56003.48	56243.9	6.12	56009.60	56014.29688	56005.09012	56004.05078	503331.7	5410226.4
L3330.0	503331.7	5410225.8	39214.39844	302.75	0	48.844995	-86.954590	56003.91	56243.9	6.12	56010.03	56014.71484	56009.46019	56008.07422	503331.7	5410225.8
L3330.0	503331.7	5410225.2	39214.50000	302.09	0	48.844990	-86.954590	56003.98	56243.9	6.13	56010.11	56014.78516	56007.77216	56006.03516	503331.7	5410225.2
L3330.0	503331.7	5410225.2	39214.60156	300.47	0	48.844990	-86.954590	56004.32	56243.9	6.13	56010.44	56015.10156	56010.64096	56008.54688	503331.7	5410225.2
L3330.0	503331.7	5410224.9	39214.69922	301.63	0	48.844986	-86.954589	56004.46	56243.9	6.13	56010.59	56015.24219	56010.50221	56008.05078	503331.7	5410224.9
L3330.0	503331.7	5410224.5	39214.80078	302.33	0	48.844983	-86.954589	56004.70	56243.9	6.13	56010.82	56015.46094	56011.94578	56009.12891	503331.7	5410224.5
L3330.0	503331.7	5410224.5	39214.89844	300.95	0	48.844983	-86.954589	56004.97	56243.9	6.13	56011.10	56015.72656	56014.47741	56011.29297	503331.7	5410224.5
L3330.0	503331.8	5410224.0	39215.00000	299.73	0	48.844978	-86.954589	56004.92	56243.9	6.13	56011.05	56015.66797	56011.10819	56007.54688	503331.8	5410224.0
L3330.0	503331.8	5410224.0	39215.10156	301.83	0	48.844978	-86.954589	56005.06	56243.9	6.13	56011.19	56015.79688	56011.27691	56007.33984	503331.8	5410224.0
L3330.0	503331.8	5410223.4	39215.19922	302.88	0	48.844973	-86.954589	56005.05	56243.9	6.13	56011.18	56015.77344	56008.58547	56004.26563	503331.8	5410223.4
L3330.0	503331.8	5410223.1	39215.30078	303.55	0	48.844970	-86.954589	56005.18	56243.9	6.14	56011.31	56015.89063	56008.55704	56003.85156	503331.8	5410223.1
L3330.0	503331.8	5410222.6	39215.39844	303.11	0	48.844966	-86.954588	56005.36	56243.9	6.14	56011.49	56016.05859	56009.53475	56004.43750	503331.8	5410222.6
L3330.0	503331.8	5410222.6	39215.50000	304.23	0	48.844966	-86.954588	56005.61	56243.9	6.14	56011.75	56016.30859	56012.20666	56006.71484	503331.8	5410222.6
L3330.0	503331.9	5410222.2	39215.60156	303.60	0	48.844962	-86.954588	56005.78	56243.9	6.14	56011.92	56016.46484	56013.02287	56007.13281	503331.9	5410222.2
L3330.0	503331.9	5410222.2	39215.69922	304.32	0	48.844962	-86.954588	56006.01	56243.9	6.14	56012.16	56016.69141	56015.35945	56009.06641	503331.9	5410222.2
L3330.0	503331.9	5410221.8	39215.80078	304.95	0	48.844959	-86.954588	56006.04	56243.9	6.15	56012.18	56016.69922	56012.81893	56006.12109	503331.9	5410221.8
L3330.0	503331.9	5410221.4	39215.89844	307.33	0	48.844955	-86.954587	56006.12	56243.9	6.15	56012.26	56016.76953	56011.54924	56004.44141	503331.9	5410221.4
L3330.0	503331.9	5410221.1	39216.00000	307.20	0	48.844952	-86.954587	56006.57	56243.8	6.15	56012.72	56017.21484	56018.99166	56011.47266	503331.9	5410221.1
L3330.0	503331.9	5410221.1	39216.10156	307.18	0	48.844952	-86.954587	56006.44	56243.8	6.15	56012.59	56017.07422	56013.02484	56005.08984	503331.9	5410221.1
L3330.0	503332.0	5410220.6	39216.19922	307.29	0	48.844948	-86.954586	56006.62	56243.8	6.15	56012.77	56017.24219	56014.30018	56005.94531	503332.0	5410220.6
L3330.0	503332.0	5410220.4	39216.30078	309.18	0	48.844946	-86.954586	56006.42	56243.8	6.15	56012.57	56017.02734	56007.07392	55998.29688	503332.0	5410220.4
L3330.0	503332.0	5410220.1	39216.39844	308.14	0	48.844943	-86.954586	56006.79	56243.8	6.15	56012.95	56017.39453	56013.34218	56004.14063	503332.0	5410220.1
L3330.0	503332.0	5410219.9	39216.50000	307.26	0	48.844941	-86.954586	56006.70	56243.8	6.15	56012.85	56017.28125	56009.02888	55999.39844	503332.0	5410219.9
L3330.0	503332.0	5410219.9	39216.60156	305.21	0	48.844941	-86.954586	56007.00	56243.8	6.16	56013.15	56017.57031	56013.92057	56003.85938	503332.0	5410219.9
L3330.0	503332.0	5410219.6	39216.69922	303.39	0	48.844939	-86.954586	56007.05	56243.8	6.16	56013.20	56017.60547	56013.55680	56003.06250	503332.0	5410219.6
L3330.0	503332.0	5410219.6	39216.80078	303.13	0	48.844939	-86.954586	56007.36	56243.8	6.16	56013.51	56017.90625	56018.98242	56008.05469	503332.0	5410219.6
L3330.0	503332.0	5410219.4	39216.89844	302.48	0	48.844937	-86.954586	56007.58	56243.8	6.16	56013.74	56018.12109	56022.80688	56011.44141	503332.0	5410219.4
L3330.0	503332.0	5410219.2	39217.00000	303.84	0	48.844935	-86.954586	56007.48	56243.8	6.16	56013.64	56018.00781	56020.03292	56008.22656	503332.0	5410219.2
L3330.0	503332.0	5410219.2	39217.10156	303.76	0	48.844935	-86.954586	56007.56	56243.8	6.16	56013.72	56018.07422	56021.17151	56008.92188	503332.0	5410219.2
L3330.0	503332.0	5410219.0	39217.19922	303.16	0	48.844934	-86.954586	56007.50	56243.8	6.17	56013.67	56018.01172	56019.93190	56007.23828	503332.0	5410219.0
L3330.0	503332.0	5410218.9	39217.30078	301.66	0	48.844932	-86.954586	56007.50	56243.8	6.17	56013.67	56018.00000	56019.89039	56006.75000	503332.0	5410218.9
L3330.0	503332.0	5410218.9	39217.39844	301.34	0	48.844932	-86.954586	56007.25	56243.8	6.17	56013.43	56017.74609	56015.40236	56001.81641	503332.0	5410218.9
L3330.0	503332.0	5410218.7	39217.50000	299.71	0	48.844931	-86.954586	56007.22	56243.8	6.18	56013.40	56017.70313	56015.16753	56001.13281	503332.0	5410218.7
L3330.0	503332.0	5410218.6	39217.60156	298.35	0	48.844930	-86.954586	56006.95	56243.8	6.18	56013.12	56017.41016	56010.20603	55995.71875	503332.0	5410218.6
L3330.0	503332.0	5410218.6	39217.69922	296.98	0	48.844930	-86.954586	56006.64	56243.8	6.18	56012.83	56017.10938	56005.05343	55990.11719	503332.0	5410218.6
L3330.0	503332.0	5410218.5	39217.80078	298.70	0	48.844929	-86.954586	56006.92	56243.8	6.18	56013.10	56017.36328	56011.41747	55996.02734	503332.0	5410218.5
L3330.0	503332.0	5410218.4	39217.89844	299.76	0	48.844928	-86.954586	56006.64	56243.8	6.19	56012.83	56017.08203	56006.93460	55991.09375	503332.0	5410218.4
L3330.0	503332.0	5410218.4	39218.00000	300.92	0	48.844928	-86.954586	56006.70	56243.8	6.19	56012.89	56017.12891	56009.90205	55993.60547	503332.0	5410218.4
L3330.0	503332.0	5410218.2	39218.10156	303.95	0	48.844926	-86.954586	56006.94	56243.8	6.19	56013.13	56017.35547	56017.96575	56001.21484	503332.0	5410218.2
L3330.0	503332.0	5410218.2	39218.19922	305.52	0	48.844926	-86.954586	56007.05	56243.8	6.19	56013.24	56017.45313	56024.31223	56007.10547	503332.0	5410218.2
L3330.0	503332.0	5410218.0	39218.30078	305.88	0	48.844924	-86.954586	56006.99	56243.8	6.19	56013.18	56017.37891	56027.64881	56009.98828	503332.0	5410218.0
L3330.0	503332.0	5410218.0	39218.39844	306.35	0	48.844924	-86.954586	56007.13	56243.8	6.19	56013.32	56017.50781	56037.73947	56019.62500	503332.0	5410218.0
L3380.0	503382.3	5410220.9	39238.60156	297.54	0	48.844951	-86.953900	56001.36	56243.9	6.12	56007.48	56009.47656	56007.48000	56008.07031	503382.3	5410220.9
L3380.0	503382.4	5410221.2	39238.69922	295.19	0	48.844953	-86.953900	56001.34	56243.9	6.11	56007.45	56009.45703	56007.50396	56008.09766	503382.4	5410221.2
L3380.0	503382.4	5410221.5	39238.80078	296.05	0	48.844956	-86.953899	56001.23	56243.9	6.11	56007.34	56009.35547	56008.80185	56009.39844	503382.4	5410221.5
L3380.0	503382.4	5410221.5	39238.89844	297.75	0	48.844956	-86.953899	56000.80	56243.9	6.10	56006.91	56008.93359	56006.04983	56006.64844	503382.4	5410221.5
L3380.0	503382.4	5410221.9	39239.00000	298.79	0	48.844959	-86.953899	56000.65	56243.9	6.10	56006.75	56008.78125	56008.46040	56009.05859	503382.4	5410221.9
L3380.0	503382.4	5410222.2	39239.10156	299.44	0	48.844962	-86.953900	56000.42	56243.9	6.10	56006.51	56008.55078	56005.26940	56005.87109	503382.4	5410222.2
L3380.0	503382.4	5410222.2	39239.19922	301.26	0	48.844962	-86.953900	56000.39	56243.9	6.09	56006.49	56008.53906	56003.60465	56004.20703	503382.4	5410222.2
L3380.0	503382.4	5410222.2	39239.30078	300.31	0	48.844962	-86.953900	56000.57	56243.9	6.09	56006.67	56008.72656	56004.99939	56005.60547	503382.4	5410222.2
L3380.0	503382.3	5410222.6	39239.39844	301.27	0	48.844966	-86.953900	56000.98	56243.9	6.09	56007.06	56009.12500	56008.74494	56009.35156	503382.3	5410222.6
L3380.0	503382.3	5410222.9	39239.50000	301.67	0	48.844969	-86.953900	56000.80	56243.9	6.08	56006.89	56008.96484	56007.92191	56008.53125	503382.3	5410222.9
L3380.0	503382.3	5410223.3	39239.60156	302.34	0	48.844972	-86.953900	56001.18	56243.9	6.08	56007.26	56009.34375	56012.33032	56012.93750	503382.3	5410223.3
L3380.0	503382.3	5410223.7	39239.69922	304.46	0	48.844975	-86.953900	56000.98	56243.9	6.08	56007.06	56009.14844	56011.50751	56012.11719	503382.3	5410223.7
L3380.0	503382.3	5410223.7	39239.80078	304.68	0	48.844975	-86.953900	56000.80	56243.9	6.08	56006.87	56008.96875	56010.86575	56011.47656	503382.3	5410223.7
L3380.0	503382.3	5410224.2	39239.89844	304.44	0	48.844980	-86.953900	56000.47	56243.9	6.07	56006.54	56008.64844	56009.02866	56009.64063	503382.3	5410224.2
L3380.0	503382.3	5410224.2	39240.00000	302.84	0	48.844980	-86.953900	56000.14	56243.9	6.07	56006.21	56008.32422	56007.41163	56008.02344	503382.3	5410224.2
L3380.0	503382.3	5410224.6	39240.10156	300.97	0	48.844984	-86.953901	55999.79	56243.9	6.07	56005.85	56007.97266	56005.80185	56006.41406	503382.3	5410224.6
L3380.0	503382.3	5410225.1	39240.19922	301.86	0	48.844988	-86.953901	55999.41	56243.9	6.07	56005.48	56007.60938	56004.42761	56005.04297	503382.3	5410225.1
L3380.0	503382.2	5410225.5	39240.30078	304.22	0	48.844992	-86.953901	55999.36	56243.9	6.07	56005.43	56007.56641	56005.59947	56006.21484	503382.2	5410225.5
L3380.0	503382.2	5410225.5	39240.39844	303.51	0	48.844992	-86.953901	55999.18	56243.9	6.07	56005.25	56007.39453	56004.47471	56005.08984	503382.2	5410225.5
L3380.0	503382.2	5410226.3	39240.50000	303.55	0	48.844999	-86.953901	55999.13	56243.9	6.06	56005.20	56007.35156	56006.59923	56007.21484	503382.2	5410226.3
L3380.0	503382.2	5410227.0	39240.60156	303.01	0	48.845005	-86.953901	55998.65	56243.9	6.06	56004.72	56006.87891	56005.11880	56005.73438	503382.2	5410227.0
L3380.0	503382.2	5410227.5	39240.69922	292.96	0	48.845010	-86.953902	55998.07	56243.9	6.06	56004.13	56006.29688	56003.33890	56003.95313	503382.2	5410227.5
L3380.0	503382.2	5410227.5	39240.80078	293.17	0	48.845010	-86.953902	55997.87	56243.9	6.06	56003.93	56006.10156	56004.21090	56004.82422	503382.2	5410227.5
L3380.0	503382.2	5410228.1	39240.89844	304.51	0	48.845015	-86.953902	55997.41	56243.9	6.06	56003.47	56005.64844	56003.50796	56004.12109	503382.2	5410228.1
L3380.0	503382.2	5410228.1	39241.00000	291.60	0	48.845015	-86.953902	55997.54	56243.9	6.06	56003.60	56005.78516	56003.62753	56004.23828	503382.2	5410228.1
L3380.0	503382.2	5410228.7	39241.10156	293.56	0	48.845021	-86.953902	55997.54	56243.9	6.06	56003.60	56005.79297	56003.53253	56004.14453	503382.2	5410228.7
L3380.0	503382.2	5410229.2	39241.19922	293.32	0	48.845025	-86.953902	55997.16	56243.9	6.06	56003.22	56005.41797	56003.30830	56003.91797	503382.2	5410229.2
L3380.0	503382.2	5410229.2	39241.30078	303.85	0	48.845025	-86.953902	55996.75	56243.9	6.05	56002.81	56005.01563	56003.15064	56003.75781	503382.2	5410229.2
L3380.0	503382.1	5410229.9	39241.39844	305.19	0	48.845031	-86.953902	55996.47	56243.9	6.05	56002.52	56004.73047	56003.07023	56003.67578	503382.1	5410229.9
L3380.0	503382.1	5410230.6	39241.50000	293.74	0	48.845038	-86.953902	55996.45	56243.9	6.05	56002.50	56004.71484	56002.83950	56003.44141	503382.1	5410230.6
L3380.0	503382.1	5410231.3	39241.60156	294.15	0	48.845044	-86.953902	55996.25	56244	6.05	56002.29	56004.51172	56002.70510	56003.30469	503382.1	5410231.3
L3380.0	503382.1	5410232.1	39241.69922	292.76	0	48.845051	-86.953902	55996.40	56244	6.05	56002.44	56004.66797	56002.81270	56003.41016	503382.1	5410232.1
L3380.0	503382.1	5410232.1	39241.80078	292.41	0	48.845051	-86.953902	55996.27	56244	6.04	56002.31	56004.54297	56002.72371	56003.31641	503382.1	5410232.1
L3380.0	503382.2	5410232.8	39241.89844	294.77	0	48.845057	-86.953902	55995.97	56244	6.04	56002.01	56004.24609	56002.52552	56003.11328	503382.2	5410232.8
L3380.0	503382.2	5410232.8	39242.00000	294.84	0	48.845057	-86.953902	55995.56	56244	6.04	56001.60	56003.83984	56002.26395	56002.84766	503382.2	5410232.8
L3380.0	503382.2	5410233.7	39242.10156	294.40	0	48.845065	-86.953902	55995.52	56244	6.04	56001.56	56003.80469	56002.23168	56002.81250	503382.2	5410233.7
L3380.0	503382.2	5410234.4	39242.19922	296.36	0	48.845071	-86.953902	55995.41	56244	6.04	56001.45	56003.69922	56002.15673	56002.73438	503382.2	5410234.4
L3380.0	503382.2	5410235.0	39242.30078	294.83	0	48.845077	-86.953901	55995.14	56244	6.04	56001.18	56003.43359	56001.99235	56002.56250	503382.2	5410235.0
L3380.0	503382.2	5410235.0	39242.39844	296.09	0	48.845077	-86.953901	55994.88	56244	6.04	56000.92	56003.17578	56001.84167	56002.40625	503382.2	5410235.0
L3380.0	503382.3	5410235.8	39242.50000	298.25	0	48.845084	-86.953901	55994.73	56244	6.04	56000.77	56003.02734	56001.75819	56002.31641	503382.3	5410235.8
L3380.0	503382.3	5410236.5	39242.60156	298.23	0	48.845090	-86.953900	55994.56	56244	6.04	56000.60	56002.85938	56001.66900	56002.22266	503382.3	5410236.5
L3380.0	503382.3	5410237.2	39242.69922	296.38	0	48.845097	-86.953900	55994.40	56244	6.04	56000.44	56002.70313	56001.59015	56002.13672	503382.3	5410237.2
L3380.0	503382.3	5410237.2	39242.80078	295.92	0	48.845097	-86.953900	55994.05	56244	6.04	56000.09	56002.35547	56001.42680	56001.96484	503382.3	5410237.2
L3380.0	503382.3	5410238.1	39242.89844	295.14	0	48.845105	-86.953900	55993.89	56244	6.04	55999.93	56002.19531	56001.36041	56001.89063	503382.3	5410238.1
L3380.0	503382.3	5410238.9	39243.00000	293.59	0	48.845112	-86.953900	55993.79	56244	6.04	55999.83	56002.09766	56001.32153	56001.84375	503382.3	5410238.9
L3380.0	503382.3	5410239.8	39243.10156	291.40	0	48.845121	-86.953899	55993.64	56244	6.04	55999.68	56001.94922	56001.26004	56001.77344	503382.3	5410239.8
L3380.0	503382.3	5410239.8	39243.19922	291.57	0	48.845121	-86.953899	55993.44	56244	6.05	55999.48	56001.75000	56001.17661	56001.68359	503382.3	5410239.8
L3380.0	503382.4	5410240.6	39243.30078	289.99	0	48.845128	-86.953899	55993.59	56244	6.05	55999.64	56001.91016	56001.22179	56001.71875	503382.4	5410240.6
L3380.0	503382.4	5410240.6	39243.39844	291.85	0	48.845128	-86.953899	55993.21	56243.9	6.05	55999.26	56001.53125	56001.06010	56001.54688	503382.4	5410240.6
L3380.0	503382.4	5410241.7	39243.50000	291.98	0	48.845137	-86.953899	55992.96	56243.9	6.06	55999.01	56001.28125	56000.93974	56001.41797	503382.4	5410241.7

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L3380.0	503382.4	5410242.6	39243.60156	289.70	0	48.845145	-86.953899	55992.48	56243.9	6.06	55998.53	56000.80078	56000.73452	56001.20313	503382.4	5410242.6
L3380.0	503382.4	5410243.5	39243.69922	288.90	0	48.845154	-86.953899	55992.05	56243.9	6.06	55998.11	56000.37891	56000.54025	56000.99609	503382.4	5410243.5
L3380.0	503382.4	5410244.4	39243.80078	290.29	0	48.845162	-86.953899	55991.85	56243.9	6.06	55997.91	56000.17578	56000.40444	56000.84766	503382.4	5410244.4
L3380.0	503382.4	5410244.4	39243.89844	290.37	0	48.845162	-86.953899	55991.26	56243.9	6.07	55997.33	55999.59766	56000.12763	56000.55859	503382.4	5410244.4
L3380.0	503382.3	5410245.5	39244.00000	291.24	0	48.845171	-86.953899	55991.04	56243.9	6.07	55997.11	55999.37500	55999.95024	56000.37109	503382.3	5410245.5
L3380.0	503382.3	5410245.5	39244.10156	290.74	0	48.845171	-86.953899	55990.36	56243.9	6.07	55996.43	55998.69141	55999.59334	56000.00000	503382.3	5410245.5
L3380.0	503382.3	5410246.2	39244.19922	290.99	0	48.845178	-86.953900	55991.02	56243.9	6.07	55997.09	55999.34766	55999.69621	56000.08984	503382.3	5410246.2
L3380.0	503382.3	5410247.2	39244.30078	287.99	0	48.845187	-86.953900	55990.40	56243.9	6.08	55996.48	55998.73438	55999.31817	55999.69922	503382.3	5410247.2
L3380.0	503382.3	5410247.2	39244.39844	289.78	0	48.845187	-86.953900	55989.95	56243.9	6.08	55996.02	55998.26953	55998.96514	55999.33203	503382.3	5410247.2
L3380.0	503382.3	5410248.2	39244.50000	290.36	0	48.845196	-86.953900	55989.92	56243.9	6.08	55996.00	55998.24609	55998.77543	55999.12500	503382.3	5410248.2
L3380.0	503382.2	5410249.3	39244.60156	293.28	0	48.845206	-86.953901	55989.57	56243.9	6.08	55995.65	55997.89063	55998.42383	55998.75781	503382.2	5410249.3
L3380.0	503382.2	5410250.5	39244.69922	297.31	0	48.845216	-86.953901	55989.72	56243.9	6.08	55995.80	55998.03906	55998.30225	55998.62109	503382.2	5410250.5
L3380.0	503382.2	5410251.5	39244.80078	297.82	0	48.845226	-86.953902	55989.29	56243.9	6.09	55995.37	55997.60156	55997.87993	55998.18359	503382.2	5410251.5
L3380.0	503382.2	5410251.5	39244.89844	297.08	0	48.845226	-86.953902	55989.34	56243.9	6.09	55995.43	55997.65625	55997.71716	55998.00391	503382.2	5410251.5
L3380.0	503382.2	5410252.5	39245.00000	296.55	0	48.845234	-86.953902	55988.96	56243.9	6.09	55995.05	55997.26953	55997.30436	55997.57422	503382.2	5410252.5
L3380.0	503382.1	5410253.6	39245.10156	296.90	0	48.845245	-86.953902	55988.86	56243.9	6.09	55994.95	55997.16406	55997.06337	55997.31641	503382.1	5410253.6
L3380.0	503382.1	5410253.6	39245.19922	296.40	0	48.845245	-86.953902	55988.61	56243.9	6.09	55994.70	55996.90625	55996.73997	55996.97266	503382.1	5410253.6
L3380.0	503382.1	5410254.5	39245.30078	297.24	0	48.845252	-86.953903	55988.36	56243.9	6.09	55994.45	55996.64844	55996.42785	55996.64453	503382.1	5410254.5
L3380.0	503382.1	5410255.5	39245.39844	296.45	0	48.845261	-86.953903	55988.48	56243.9	6.09	55994.57	55996.76172	55996.38937	55996.58594	503382.1	5410255.5
L3380.0	503382.1	5410255.5	39245.50000	296.28	0	48.845261	-86.953903	55987.93	56243.9	6.10	55994.02	55996.20313	55995.89585	55996.07422	503382.1	5410255.5
L3380.0	503382.1	5410256.7	39245.60156	295.78	0	48.845273	-86.953903	55988.13	56243.9	6.10	55994.22	55996.39453	55995.76470	55995.92188	503382.1	5410256.7
L3380.0	503382.0	5410257.9	39245.69922	297.22	0	48.845283	-86.953904	55987.32	56243.9	6.10	55993.42	55995.58203	55996.17465	55996.31250	503382.0	5410257.9
L3380.0	503382.0	5410259.1	39245.80078	299.58	0	48.845294	-86.953904	55988.00	56243.9	6.10	55994.10	55996.25391	55995.54039	55995.65625	503382.0	5410259.1
L3380.0	503382.0	5410260.2	39245.89844	296.11	0	48.845304	-86.953904	55987.44	56243.9	6.10	55993.54	55995.68359	55995.99377	55996.08984	503382.0	5410260.2
L3380.0	503382.0	5410260.2	39246.00000	296.77	0	48.845304	-86.953904	55988.20	56243.9	6.10	55994.30	55996.43359	55995.52836	55995.60156	503382.0	5410260.2
L3380.0	503382.0	5410260.2	39246.10156	296.25	0	48.845304	-86.953904	55987.62	56243.9	6.10	55993.73	55995.85156	55996.03761	55996.08594	503382.0	5410260.2
L3380.0	503381.9	5410262.4	39246.19922	294.94	0	48.845323	-86.953905	55988.11	56243.9	6.11	55994.22	55996.32813	55995.83376	55995.85938	503381.9	5410262.4
L3380.0	503381.9	5410262.4	39246.30078	295.28	0	48.845323	-86.953905	55988.16	56243.9	6.11	55994.27	55996.36719	55995.94960	55995.95313	503381.9	5410262.4
L3380.0	503381.9	5410263.3	39246.39844	294.50	0	48.845332	-86.953906	55987.90	56243.9	6.12	55994.02	55996.10547	55996.22841	55996.20703	503381.9	5410263.3
L3380.0	503381.8	5410264.2	39246.50000	293.21	0	48.845340	-86.953906	55987.92	56243.9	6.13	55994.05	55996.12109	55996.09691	55996.05078	503381.8	5410264.2
L3380.0	503381.8	5410264.2	39246.60156	294.36	0	48.845340	-86.953906	55987.97	56243.9	6.13	55994.10	55996.16016	55996.26893	55996.19922	503381.8	5410264.2
L3380.0	503381.8	5410266.2	39246.69922	295.75	0	48.845358	-86.953907	55988.64	56243.9	6.14	55994.77	55996.81641	55996.89682	55996.80469	503381.8	5410266.2
L3380.0	503381.8	5410266.2	39246.80078	295.65	0	48.845358	-86.953907	55988.33	56243.9	6.14	55994.47	55996.50000	55996.84955	55996.73047	503381.8	5410266.2
L3380.0	503381.7	5410267.3	39246.89844	297.98	0	48.845368	-86.953908	55988.46	56243.9	6.15	55994.60	55996.61328	55997.11496	55996.96875	503381.7	5410267.3
L3380.0	503381.7	5410267.3	39247.00000	299.64	0	48.845368	-86.953908	55988.41	56243.8	6.15	55994.56	55996.55859	55997.27325	55997.10156	503381.7	5410267.3
L3380.0	503381.7	5410268.8	39247.10156	297.94	0	48.845381	-86.953908	55988.66	56243.8	6.15	55994.81	55996.79297	55997.62996	55997.42969	503381.7	5410268.8
L3380.0	503381.7	5410269.7	39247.19922	295.90	0	48.845389	-86.953909	55989.02	56243.8	6.16	55995.17	55997.13672	55998.05883	55997.83203	503381.7	5410269.7
L3380.0	503381.6	5410270.7	39247.30078	295.58	0	48.845398	-86.953909	55988.98	56243.8	6.16	55995.15	55997.10156	55998.24972	55997.99609	503381.6	5410270.7
L3380.0	503381.6	5410270.7	39247.39844	295.24	0	48.845398	-86.953909	55989.46	56243.8	6.17	55995.63	55997.56250	55998.75486	55998.47266	503381.6	5410270.7
L3380.0	503381.6	5410271.7	39247.50000	294.80	0	48.845408	-86.953909	55989.21	56243.8	6.17	55995.38	55997.29688	55998.81719	55998.50781	503381.6	5410271.7
L3380.0	503381.6	5410272.9	39247.60156	293.25	0	48.845418	-86.953910	55989.95	56243.8	6.17	55996.12	55998.01953	55999.47255	55999.13281	503381.6	5410272.9
L3380.0	503381.6	5410272.9	39247.69922	293.07	0	48.845418	-86.953910	55989.67	56243.8	6.18	55995.85	55997.73047	55999.53413	55999.16406	503381.6	5410272.9
L3380.0	503381.6	5410273.8	39247.80078	293.81	0	48.845426	-86.953910	55990.18	56243.8	6.18	55996.36	55998.21875	56000.05332	55999.65625	503381.6	5410273.8
L3380.0	503381.6	5410274.9	39247.89844	293.69	0	48.845436	-86.953910	55990.36	56243.8	6.19	55996.54	55998.37891	56000.38915	55999.96094	503381.6	5410274.9
L3380.0	503381.6	5410275.8	39248.00000	295.19	0	48.845444	-86.953910	55990.91	56243.8	6.19	55997.10	55998.92188	56000.94487	56000.48828	503381.6	5410275.8
L3380.0	503381.6	5410275.8	39248.10156	293.62	0	48.845444	-86.953910	55990.96	56243.8	6.19	55997.15	55998.94922	56001.22935	56000.74219	503381.6	5410275.8
L3380.0	503381.6	5410278.2	39248.19922	291.35	0	48.845466	-86.953910	55990.98	56243.8	6.20	55997.18	55998.96094	56001.52099	56001.00000	503381.6	5410278.2
L3380.0	503381.6	5410278.2	39248.30078	291.61	0	48.845466	-86.953910	55991.92	56243.8	6.20	55998.12	55999.87891	56002.31131	56001.76172	503381.6	5410278.2
L3380.0	503381.6	5410279.5	39248.39844	289.80	0	48.845477	-86.953910	55991.77	56243.8	6.20	55997.97	55999.70703	56002.54734	56001.96484	503381.6	5410279.5
L3380.0	503381.6	5410280.6	39248.50000	293.62	0	48.845487	-86.953910	55992.58	56243.8	6.21	55998.78	56000.49609	56003.29693	56002.68359	503381.6	5410280.6
L3380.0	503381.6	5410280.6	39248.60156	295.01	0	48.845487	-86.953910	55992.88	56243.8	6.21	55999.09	56000.78125	56003.81394	56003.16797	503381.6	5410280.6
L3380.0	503381.6	5410281.7	39248.69922	292.75	0	48.845498	-86.953909	55993.56	56243.8	6.21	55999.77	56001.43750	56004.53150	56003.85156	503381.6	5410281.7
L3380.0	503381.6	5410282.9	39248.80078	294.57	0	48.845508	-86.953909	55993.94	56243.8	6.21	56000.15	56001.79688	56005.12660	56004.41406	503381.6	5410282.9
L3380.0	503381.6	5410284.0	39248.89844	296.50	0	48.845518	-86.953909	55994.32	56243.8	6.22	56000.54	56002.16016	56005.75160	56005.00781	503381.6	5410284.0
L3380.0	503381.6	5410284.0	39249.00000	296.48	0	48.845518	-86.953909	55995.44	56243.8	6.22	56001.66	56003.25781	56006.71787	56005.93750	503381.6	5410284.0
L3380.0	503381.6	5410285.6	39249.10156	293.99	0	48.845532	-86.953909	55995.96	56243.8	6.22	56002.19	56003.76172	56007.44307	56006.63281	503381.6	5410285.6
L3380.0	503381.7	5410286.8	39249.19922	293.69	0	48.845543	-86.953908	55996.70	56243.8	6.22	56002.93	56004.47656	56008.27245	56007.42578	503381.7	5410286.8
L3380.0	503381.7	5410288.4	39249.30078	292.04	0	48.845557	-86.953908	55997.21	56243.8	6.23	56003.43	56004.95313	56009.02309	56008.14453	503381.7	5410288.4
L3380.0	503381.7	5410288.4	39249.39844	292.82	0	48.845557	-86.953908	55997.89	56243.8	6.23	56004.12	56005.61719	56009.85964	56008.94531	503381.7	5410288.4
L3380.0	503381.7	5410289.4	39249.50000	292.03	0	48.845566	-86.953908	55998.70	56243.8	6.23	56004.93	56006.40234	56010.74501	56009.79688	503381.7	5410289.4
L3380.0	503381.7	5410290.8	39249.60156	291.09	0	48.845579	-86.953908	55999.26	56243.8	6.23	56005.49	56006.93359	56011.55279	56010.57031	503381.7	5410290.8
L3380.0	503381.7	5410292.5	39249.69922	290.94	0	48.845594	-86.953908	56000.20	56243.8	6.23	56006.43	56007.84766	56012.47832	56011.46094	503381.7	5410292.5
L3380.0	503381.7	5410293.6	39249.80078	291.85	0	48.845605	-86.953908	56000.72	56243.8	6.24	56006.96	56008.35156	56013.27279	56012.22266	503381.7	5410293.6
L3380.0	503381.7	5410293.6	39249.89844	291.77	0	48.845605	-86.953908	56001.54	56243.8	6.24	56007.77	56009.13281	56014.13497	56013.04688	503381.7	5410293.6
L3380.0	503381.7	5410294.7	39250.00000	292.03	0	48.845614	-86.953908	56001.78	56243.8	6.24	56008.02	56009.35547	56014.83265	56013.71094	503381.7	5410294.7
L3380.0	503381.7	5410296.0	39250.10156	289.93	0	48.845626	-86.953908	56002.70	56243.8	6.24	56008.94	56010.24609	56015.68775	56014.53125	503381.7	5410296.0
L3380.0	503381.7	5410296.0	39250.19922	289.28	0	48.845626	-86.953908	56003.16	56243.8	6.24	56009.40	56010.67969	56016.40500	56015.21484	503381.7	5410296.0
L3380.0	503381.7	5410297.6	39250.30078	289.20	0	48.845640	-86.953908	56004.42	56243.8	6.25	56010.66	56011.91016	56017.30262	56016.07813	503381.7	5410297.6
L3380.0	503381.7	5410298.7	39250.39844	290.04	0	48.845650	-86.953908	56005.05	56243.8	6.25	56011.29	56012.51172	56018.01923	56016.75781	503381.7	5410298.7
L3380.0	503381.7	5410299.9	39250.50000	290.92	0	48.845661	-86.953908	56005.84	56243.8	6.25	56012.09	56013.28125	56018.75608	56017.46094	503381.7	5410299.9
L3380.0	503381.7	5410299.9	39250.60156	289.71	0	48.845661	-86.953908	56006.62	56243.7	6.25	56012.87	56014.03125	56019.46243	56018.12891	503381.7	5410299.9
L3380.0	503381.7	5410301.4	39250.69922	291.13	0	48.845674	-86.953908	56007.66	56243.7	6.25	56013.91	56015.04297	56020.22430	56018.85547	503381.7	5410301.4
L3380.0	503381.7	5410303.1	39250.80078	292.04	0	48.845690	-86.953907	56008.79	56243.7	6.26	56015.05	56016.15234	56021.00913	56019.60547	503381.7	5410303.1
L3380.0	503381.7	5410304.2	39250.89844	292.64	0	48.845699	-86.953907	56009.83	56243.7	6.26	56016.09	56017.16406	56021.75823	56020.32031	503381.7	5410304.2
L3380.0	503381.7	5410304.2	39251.00000	292.49	0	48.845699	-86.953907	56011.14	56243.7	6.26	56017.40	56018.44141	56022.60555	56021.13281	503381.7	5410304.2
L3380.0	503381.8	5410305.6	39251.10156	293.12	0	48.845712	-86.953907	56012.01	56243.7	6.26	56018.27	56019.28125	56023.29326	56021.78516	503381.8	5410305.6
L3380.0	503381.8	5410306.9	39251.19922	293.86	0	48.845724	-86.953907	56013.20	56243.7	6.26	56019.46	56020.44141	56024.11691	56022.57422	503381.8	5410306.9
L3380.0	503381.8	5410308.3	39251.30078	294.27	0	48.845737	-86.953907	56013.98	56243.7	6.26	56020.23	56021.17969	56024.76882	56023.19141	503381.8	5410308.3
L3380.0	503381.8	5410308.3	39251.39844	294.01	0	48.845737	-86.953907	56015.46	56243.7	6.26	56021.72	56022.63672	56025.77487	56024.16406	503381.8	5410308.3
L3380.0	503381.8	5410309.6	39251.50000	294.81	0	48.845748	-86.953907	56016.21	56243.7	6.25	56022.46	56023.34766	56026.44149	56024.79297	503381.8	5410309.6
L3380.0	503381.8	5410309.6	39251.60156	295.35	0	48.845748	-86.953907	56017.70	56243.7	6.25	56023.95	56024.80469	56027.52405	56025.84375	503381.8	5410309.6
L3380.0	503381.8	5410312.3	39251.69922	296.10	0	48.845773	-86.953906	56018.48	56243.7	6.25	56024.73	56025.55469	56028.25721	56026.54297	503381.8	5410312.3
L3380.0	503381.8	5410312.3	39251.80078	295.79	0	48.845773	-86.953906	56019.77	56243.7	6.25	56026.02	56026.81250	56029.30719	56027.55859	503381.8	5410312.3
L3380.0	503381.8	5410313.9	39251.89844	294.14	0	48.845786	-86.953906	56020.98	56243.7	6.25	56027.23	56027.98828	56030.35232	56028.57031	503381.8	5410313.9
L3380.0	503381.8	5410313.9	39252.00000	296.39	0	48.845786	-86.953906	56021.79	56243.8	6.25	56028.04	56028.76563	56031.19582	56029.37891	503381.8	5410313.9
L3380.0	503381.8	5410315.3	39252.10156	295.38	0	48.845799	-86.953906	56023.21	56243.8	6.25	56029.46	56030.15625	56032.44345	56030.59375	503381.8	5410315.3
L3380.0	503381.9	5410316.8	39252.19922	293.81	0	48.845813	-86.953906	56024.17	56243.8	6.25	56030.42	56031.08203	56033.44929	56031.56641	503381.9	5410316.8
L3380.0	503381.9	5410316.8	39252.30078	295.40	0	48.845813	-86.953906	56025.56	56243.8	6.25	56031.81	56032.44141	56034.75214	56032.83594	503381.9	5410316.8
L3380.0	503381.9	5410318.6	39252.39844	295.52	0	48.845829	-86.953905	56026.53	56243.8	6.25	56032.78	56033.37891	56035.83273	56033.88281	503381.9	5410318.6
L3380.0	503381.9	5410319.9	39252.50000	294.66	0	48.845841	-86.953905	56028.24	56243.8	6.25	56034.49	56035.05469	56037.38614	56035.40234	503381.9	5410319.9
L3380.0	503381.9	5410319.9	39252.60156	294.95	0	48.845841	-86.953905	56029.43	56243.8	6.25	56035.68	56036.21094	56038.65023	56036.63672	503381.9	5410319.9
L3380.0	503381.9	5410321.8	39252.69922	294.52	0	48.845858	-86.953905	56030.82	56243.8	6.25	56037.07	56037.57031	56040.04945	56038.00391	503381.9	5410321.8
L3380.0	503381.9	5410322.9	39252.80078	293.82	0	48.845868	-86.953904	56031.82	56243.8	6.25	56038.07	56038.53516	56041.24315	56039.16406	503381.9	5410322.9

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L3380.0	503381.9	5410324.0	39252.89844	294.70	0	48.845878	-86.953904	56033.66	56243.8	6.25	56039.91	56040.34375	56042.91056	56040.80078	503381.9	5410324.0
L3380.0	503381.9	5410324.0	39253.00000	296.12	0	48.845878	-86.953904	56034.64	56243.8	6.25	56040.89	56041.28906	56044.11631	56041.97656	503381.9	5410324.0
L3380.0	503382.0	5410325.7	39253.10156	293.95	0	48.845893	-86.953904	56036.29	56243.8	6.25	56042.53	56042.89844	56045.67284	56043.50391	503382.0	5410325.7
L3380.0	503382.0	5410327.5	39253.19922	292.72	0	48.845909	-86.953903	56037.40	56243.8	6.24	56043.65	56043.98438	56046.96477	56044.76563	503382.0	5410327.5
L3380.0	503382.0	5410327.5	39253.30078	292.52	0	48.845909	-86.953903	56038.79	56243.8	6.24	56045.03	56045.33203	56048.38662	56046.15625	503382.0	5410327.5
L3380.0	503382.0	5410328.5	39253.39844	290.68	0	48.845918	-86.953903	56040.18	56243.8	6.24	56046.42	56046.69141	56049.80940	56047.55078	503382.0	5410328.5
L3380.0	503382.0	5410330.0	39253.50000	291.90	0	48.845931	-86.953903	56041.75	56243.8	6.24	56047.99	56048.22656	56051.30875	56049.01953	503382.0	5410330.0
L3380.0	503382.1	5410331.2	39253.60156	292.53	0	48.845943	-86.953903	56042.99	56243.8	6.23	56049.22	56049.42578	56052.64905	56050.33203	503382.1	5410331.2
L3380.0	503382.1	5410332.8	39253.69922	293.27	0	48.845957	-86.953903	56044.79	56243.8	6.23	56051.01	56051.18359	56054.22849	56051.88281	503382.1	5410332.8
L3380.0	503382.1	5410332.8	39253.80078	292.08	0	48.845957	-86.953903	56045.77	56243.8	6.23	56052.00	56052.14063	56055.45822	56053.08594	503382.1	5410332.8
L3380.0	503382.1	5410334.5	39253.89844	292.34	0	48.845972	-86.953902	56047.80	56243.8	6.22	56054.02	56054.12891	56057.11732	56054.71875	503382.1	5410334.5
L3380.0	503382.1	5410336.0	39254.00000	292.57	0	48.845986	-86.953902	56049.02	56243.8	6.22	56055.24	56055.31641	56058.43463	56056.00781	503382.1	5410336.0
L3380.0	503382.1	5410336.0	39254.10156	293.20	0	48.845986	-86.953902	56051.01	56243.8	6.21	56057.22	56057.26172	56060.06101	56057.60938	503382.1	5410336.0
L3380.0	503382.1	5410337.4	39254.19922	294.18	0	48.845998	-86.953903	56052.02	56243.8	6.20	56058.22	56058.23047	56061.28214	56058.80469	503382.1	5410337.4
L3380.0	503382.1	5410338.7	39254.30078	294.70	0	48.846010	-86.953903	56053.46	56243.8	6.20	56059.66	56059.64063	56062.68267	56060.18359	503382.1	5410338.7
L3380.0	503382.0	5410340.6	39254.39844	293.97	0	48.846027	-86.953903	56054.78	56243.8	6.19	56060.97	56060.91797	56064.03006	56061.50391	503382.0	5410340.6
L3380.0	503382.0	5410340.6	39254.50000	293.41	0	48.846027	-86.953903	56056.73	56243.8	6.18	56062.91	56062.82422	56065.63840	56063.08984	503382.0	5410340.6
L3380.0	503382.0	5410342.2	39254.60156	290.96	0	48.846041	-86.953903	56058.24	56243.8	6.17	56064.41	56064.29297	56067.06842	56064.49609	503382.0	5410342.2
L3380.0	503382.0	5410342.2	39254.69922	289.65	0	48.846041	-86.953903	56059.86	56243.8	6.16	56066.03	56065.88281	56068.55191	56065.95703	503382.0	5410342.2
L3380.0	503382.0	5410343.8	39254.80078	292.84	0	48.846055	-86.953903	56061.18	56243.8	6.16	56067.34	56067.16406	56069.90929	56067.29297	503382.0	5410343.8
L3380.0	503382.0	5410345.4	39254.89844	293.09	0	48.846070	-86.953904	56062.42	56243.9	6.15	56068.57	56068.36328	56071.23547	56068.59766	503382.0	5410345.4
L3380.0	503382.0	5410346.5	39255.00000	293.98	0	48.846080	-86.953904	56064.52	56243.9	6.14	56070.66	56070.42188	56072.93174	56070.27344	503382.0	5410346.5
L3380.0	503382.0	5410346.5	39255.10156	295.05	0	48.846080	-86.953904	56066.28	56243.9	6.14	56072.42	56072.14844	56074.49259	56071.81641	503382.0	5410346.5
L3380.0	503381.9	5410347.9	39255.19922	295.98	0	48.846093	-86.953904	56068.12	56243.9	6.14	56074.25	56073.94922	56076.08894	56073.39063	503381.9	5410347.9
L3380.0	503381.9	5410349.4	39255.30078	294.59	0	48.846106	-86.953904	56069.42	56243.9	6.13	56075.55	56075.21875	56077.45745	56074.74219	503381.9	5410349.4
L3380.0	503381.9	5410349.4	39255.39844	293.12	0	48.846106	-86.953904	56071.09	56243.9	6.13	56077.23	56076.87109	56078.99690	56076.26563	503381.9	5410349.4
L3380.0	503381.9	5410350.7	39255.50000	293.11	0	48.846118	-86.953904	56072.18	56243.9	6.13	56078.31	56077.92188	56080.27282	56077.52344	503381.9	5410350.7
L3380.0	503381.9	5410352.3	39255.60156	292.14	0	48.846133	-86.953904	56074.36	56243.9	6.13	56080.49	56080.07031	56082.04507	56079.27734	503381.9	5410352.3
L3380.0	503381.9	5410353.9	39255.69922	290.83	0	48.846146	-86.953905	56075.57	56243.9	6.13	56081.70	56081.25391	56083.38635	56080.60547	503381.9	5410353.9
L3380.0	503381.9	5410353.9	39255.80078	291.06	0	48.846146	-86.953905	56076.84	56243.9	6.12	56082.96	56082.48438	56084.75437	56081.95703	503381.9	5410353.9
L3380.0	503381.9	5410355.3	39255.89844	293.01	0	48.846159	-86.953905	56078.66	56243.9	6.12	56084.78	56084.27734	56086.38150	56083.57031	503381.9	5410355.3
L3380.0	503381.9	5410356.9	39256.00000	293.55	0	48.846173	-86.953905	56080.13	56243.9	6.12	56086.25	56085.71875	56087.85584	56085.03125	503381.9	5410356.9
L3380.0	503381.9	5410356.9	39256.10156	292.61	0	48.846173	-86.953905	56081.90	56243.9	6.11	56088.01	56087.44922	56089.46661	56086.62891	503381.9	5410356.9
L3380.0	503381.9	5410358.5	39256.19922	293.14	0	48.846188	-86.953905	56083.41	56243.9	6.11	56089.51	56088.92188	56090.96415	56088.11719	503381.9	5410358.5
L3380.0	503381.9	5410360.1	39256.30078	293.33	0	48.846202	-86.953905	56085.32	56243.9	6.10	56091.42	56090.80469	56092.64793	56089.78906	503381.9	5410360.1
L3380.0	503381.9	5410361.8	39256.39844	294.25	0	48.846218	-86.953905	56086.59	56243.9	6.10	56092.69	56092.04688	56094.04771	56091.17969	503381.9	5410361.8
L3380.0	503381.9	5410363.1	39256.50000	293.73	0	48.846230	-86.953905	56088.63	56243.9	6.09	56094.71	56094.04297	56095.78125	56092.90234	503381.9	5410363.1
L3380.0	503381.9	5410363.1	39256.60156	292.92	0	48.846230	-86.953905	56090.32	56243.9	6.08	56096.41	56095.71484	56097.37272	56094.48438	503381.9	5410363.1
L3380.0	503381.9	5410364.7	39256.69922	295.37	0	48.846244	-86.953905	56091.79	56243.9	6.08	56097.86	56097.14063	56098.85391	56095.95703	503381.9	5410364.7
L3380.0	503381.9	5410364.7	39256.80078	295.31	0	48.846244	-86.953905	56093.35	56243.9	6.07	56099.42	56098.67578	56100.38348	56097.48047	503381.9	5410364.7
L3380.0	503381.9	5410366.6	39256.89844	294.31	0	48.846261	-86.953905	56094.75	56243.9	6.07	56100.81	56100.03906	56101.83750	56098.92969	503381.9	5410366.6
L3380.0	503381.9	5410368.3	39257.00000	292.85	0	48.846276	-86.953905	56096.92	56243.9	6.06	56102.98	56102.18359	56103.63839	56100.72266	503381.9	5410368.3
L3380.0	503381.9	5410369.9	39257.10156	293.84	0	48.846290	-86.953905	56097.98	56243.9	6.06	56104.04	56103.21875	56104.94412	56102.02734	503381.9	5410369.9
L3380.0	503381.9	5410371.2	39257.19922	293.26	0	48.846302	-86.953905	56099.98	56243.9	6.05	56106.03	56105.18750	56106.66965	56103.74609	503381.9	5410371.2
L3380.0	503381.9	5410372.1	39257.30078	292.28	0	48.846311	-86.953904	56101.60	56243.9	6.05	56107.65	56106.78125	56108.23013	56105.30469	503381.9	5410372.1
L3380.0	503381.9	5410372.1	39257.39844	292.47	0	48.846311	-86.953904	56103.14	56244	6.05	56109.19	56108.30078	56109.75509	56106.82813	503381.9	5410372.1
L3380.0	503381.9	5410373.7	39257.50000	292.40	0	48.846325	-86.953904	56105.09	56244	6.04	56111.13	56110.21875	56111.47173	56108.54297	503381.9	5410373.7
L3380.0	503381.9	5410373.7	39257.60156	293.11	0	48.846325	-86.953904	56106.66	56244	6.04	56112.70	56111.76563	56113.01644	56110.08984	503381.9	5410373.7
L3380.0	503381.9	5410375.6	39257.69922	293.11	0	48.846342	-86.953904	56108.33	56244	6.04	56114.37	56113.41016	56114.61221	56111.68359	503381.9	5410375.6
L3380.0	503381.9	5410377.3	39257.80078	291.12	0	48.846357	-86.953904	56109.65	56244	6.04	56115.68	56114.69922	56116.03169	56113.10547	503381.9	5410377.3
L3380.0	503381.9	5410377.3	39257.89844	292.90	0	48.846357	-86.953904	56111.56	56244	6.03	56117.59	56116.58984	56117.75373	56114.83203	503381.9	5410377.3
L3380.0	503381.9	5410379.2	39258.00000	294.69	0	48.846374	-86.953905	56112.66	56244	6.03	56118.69	56117.66797	56119.06644	56116.14844	503381.9	5410379.2
L3380.0	503381.9	5410380.9	39258.10156	295.62	0	48.846389	-86.953905	56114.58	56244	6.03	56120.61	56119.56641	56120.80240	56117.88672	503381.9	5410380.9
L3380.0	503381.9	5410380.9	39258.19922	292.90	0	48.846389	-86.953905	56116.50	56244	6.03	56122.53	56121.46875	56122.54532	56119.63672	503381.9	5410380.9
L3380.0	503381.9	5410382.3	39258.30078	294.87	0	48.846402	-86.953905	56118.30	56244	6.03	56124.33	56123.25000	56124.23058	56121.32813	503381.9	5410382.3
L3380.0	503381.9	5410383.6	39258.39844	295.58	0	48.846414	-86.953905	56119.98	56244	6.03	56126.01	56124.91016	56125.85537	56122.95703	503381.9	5410383.6
L3380.0	503381.9	5410385.1	39258.50000	295.36	0	48.846428	-86.953905	56121.61	56244	6.03	56127.64	56126.51953	56127.45536	56124.56641	503381.9	5410385.1
L3380.0	503381.9	5410385.1	39258.60156	294.96	0	48.846428	-86.953905	56123.46	56244	6.03	56129.49	56128.35156	56129.17974	56126.30078	503381.9	5410385.1
L3380.0	503381.8	5410386.4	39258.69922	294.09	0	48.846439	-86.953905	56124.92	56244	6.03	56130.95	56129.79297	56130.68872	56127.81641	503381.8	5410386.4
L3380.0	503381.8	5410387.8	39258.80078	291.41	0	48.846452	-86.953905	56127.00	56244	6.03	56133.03	56131.85547	56132.55219	56129.69141	503381.8	5410387.8
L3380.0	503381.8	5410387.8	39258.89844	291.69	0	48.846452	-86.953905	56128.36	56244	6.03	56134.39	56133.19922	56134.00482	56131.15625	503381.8	5410387.8
L3380.0	503381.8	5410389.6	39259.00000	291.41	0	48.846468	-86.953905	56130.56	56244	6.03	56136.59	56135.38281	56135.95185	56133.11719	503381.8	5410389.6
L3380.0	503381.8	5410391.0	39259.10156	291.56	0	48.846480	-86.953905	56131.93	56244	6.03	56137.95	56136.72656	56137.40525	56134.58203	503381.8	5410391.0
L3380.0	503381.8	5410391.0	39259.19922	293.30	0	48.846480	-86.953905	56133.65	56244	6.02	56139.67	56138.42969	56139.07610	56136.26953	503381.8	5410391.0
L3380.0	503381.8	5410392.6	39259.30078	295.61	0	48.846495	-86.953905	56135.32	56244	6.02	56141.34	56140.08594	56140.72055	56137.92969	503381.8	5410392.6
L3380.0	503381.8	5410394.3	39259.39844	295.56	0	48.846511	-86.953905	56137.04	56244	6.02	56143.06	56141.79297	56142.40199	56139.62500	503381.8	5410394.3
L3380.0	503381.8	5410395.7	39259.50000	294.19	0	48.846523	-86.953905	56138.76	56244	6.01	56144.78	56143.49609	56144.09160	56141.33203	503381.8	5410395.7
L3380.0	503381.8	5410395.7	39259.60156	293.58	0	48.846523	-86.953905	56139.97	56244	6.01	56145.98	56144.68359	56145.44053	56142.69922	503381.8	5410395.7
L3380.0	503381.8	5410397.2	39259.69922	292.69	0	48.846536	-86.953905	56141.76	56244	6.01	56147.77	56146.45703	56147.19060	56144.46875	503381.8	5410397.2
L3380.0	503381.8	5410398.9	39259.80078	295.15	0	48.846552	-86.953905	56143.24	56244	6.01	56149.24	56147.91406	56148.72688	56146.02734	503381.8	5410398.9
L3380.0	503381.9	5410400.3	39259.89844	296.03	0	48.846564	-86.953905	56145.26	56244	6.00	56151.26	56149.92188	56150.46261	56147.78125	503381.9	5410400.3
L3380.0	503381.9	5410400.3	39260.00000	295.42	0	48.846564	-86.953905	56146.83	56244	6.00	56152.83	56151.48047	56152.26755	56149.60938	503381.9	5410400.3
L3380.0	503381.9	5410402.1	39260.10156	296.06	0	48.846580	-86.953905	56148.44	56244	6.00	56154.44	56153.07813	56153.98571	56151.35156	503381.9	5410402.1
L3380.0	503381.9	5410402.1	39260.19922	294.94	0	48.846580	-86.953905	56150.11	56244	6.00	56156.11	56154.73828	56155.69020	56153.07813	503381.9	5410402.1
L3380.0	503381.9	5410403.9	39260.30078	294.64	0	48.846596	-86.953904	56151.56	56244	6.00	56157.56	56156.17578	56157.39772	56154.80859	503381.9	5410403.9
L3380.0	503381.9	5410405.3	39260.39844	303.79	0	48.846610	-86.953904	56153.50	56244	6.00	56159.50	56158.10547	56159.26706	56156.70313	503381.9	5410405.3
L3380.0	503381.9	5410405.3	39260.50000	303.35	0	48.846610	-86.953904	56155.05	56244	6.01	56161.06	56159.65625	56160.99527	56158.46094	503381.9	5410405.3
L3380.0	503381.9	5410407.0	39260.60156	293.89	0	48.846624	-86.953904	56156.89	56244	6.01	56162.90	56161.48828	56163.06161	56160.55469	503381.9	5410407.0
L3380.0	503381.9	5410408.7	39260.69922	293.03	0	48.846640	-86.953905	56158.46	56244	6.01	56164.47	56163.04688	56164.66489	56162.18359	503381.9	5410408.7
L3380.0	503381.9	5410408.7	39260.80078	294.66	0	48.846640	-86.953905	56160.00	56244	6.01	56166.01	56164.57813	56165.77602	56163.32422	503381.9	5410408.7
L3380.0	503381.8	5410411.0	39260.89844	300.50	0	48.846661	-86.953905	56161.82	56244	6.01	56167.83	56166.39063	56168.94188	56166.51953	503381.8	5410411.0
L3380.0	503381.8	5410412.2	39261.00000	299.44	0	48.846671	-86.953906	56163.52	56244	6.01	56169.53	56168.08203	56169.08853	56166.69922	503381.8	5410412.2
L3380.0	503381.8	5410412.2	39261.10156	299.51	0	48.846671	-86.953906	56165.34	56244	6.01	56171.35	56169.89453	56174.06723	56171.70703	503381.8	5410412.2
L3380.0	503381.7	5410413.9	39261.19922	300.54	0	48.846686	-86.953907	56166.82	56244	6.01	56172.83	56171.36719	56170.67091	56168.34375	503381.7	5410413.9
L3380.0	503381.7	5410415.6	39261.30078	300.68	0	48.846702	-86.953907	56168.91	56244	6.01	56174.92	56173.45313	56178.43788	56176.14453	503381.7	5410415.6
L3380.0	503381.7	5410415.6	39261.39844	301.20	0	48.846702	-86.953907	56170.47	56244	6.01	56176.49	56175.01563	56177.47283	56175.21484	503381.7	5410415.6
L3380.0	503381.6	5410417.0	39261.50000	301.97	0	48.846714	-86.953908	56171.89	56244	6.01	56177.91	56176.42969	56178.13017	56175.90625	503381.6	5410417.0
L3380.0	503381.6	5410418.3	39261.60156	301.84	0	48.846726	-86.953908	56173.56	56244	6.02	56179.57	56178.08594	56180.69637	56178.50781	503381.6	5410418.3
L3380.0	503381.5	5410419.8	39261.69922	303.49	0	48.846739	-86.953909	56175.29	56244	6.02	56181.30	56179.80859	56181.43662	56179.28516	503381.5	5410419.8
L3380.0	503381.5	5410419.8	39261.80078	304.04	0	48.846739	-86.953909	56177.08	56244	6.02	56183.10	56181.60547	56185.47386	56183.36328	503381.5	5410419.8
L3380.0	503381.5	5410422.9	39261.89844	303.31	0	48.846767	-86.953910	56178.47	56244	6.02	56184.49	56182.99219	56183.97884	56181.90625	503381.5	5410422.9
L3380.0	503381.5	5410422.9	39262.00000	302.13	0	48.846767	-86.953910	56180.18	56244	6.02	56186.20	56184.69922	56187.17084	56185.13672	503381.5	5410422.9
L3380.0	503381.4	5410424.2	39262.10156	302.32	0	48.846780	-86.953910	56181.87	56244	6.02	56187.89	56186.38672	56187.88533	56185.89063	503381.4	5410424.2

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L3380.0	503381.4	5410424.2	39262.19922	292.56	0	48.846780	-86.953910	56183.64	56244	6.02	56189.66	56188.15234	56190.13080	56188.17578	503381.4	5410424.2
L3380.0	503381.4	5410425.6	39262.30078	292.55	0	48.846792	-86.953911	56185.20	56244	6.03	56191.22	56189.71094	56191.22000	56189.30859	503381.4	5410425.6
L3380.0	503381.4	5410427.4	39262.39844	292.63	0	48.846808	-86.953911	56187.24	56244	6.03	56193.27	56191.75781	56193.06987	56191.19922	503381.4	5410427.4
L3380.0	503381.4	5410427.4	39262.50000	303.22	0	48.846808	-86.953911	56188.87	56244	6.03	56194.90	56193.38672	56194.51182	56192.68750	503381.4	5410427.4
L3380.0	503381.4	5410428.9	39262.60156	290.63	0	48.846821	-86.953911	56190.32	56244	6.03	56196.35	56194.83594	56195.84811	56194.06641	503381.4	5410428.9
L3380.0	503381.4	5410430.3	39262.69922	291.03	0	48.846834	-86.953911	56191.55	56244	6.03	56197.58	56196.06250	56197.10723	56195.37109	503381.4	5410430.3
L3380.0	503381.4	5410432.0	39262.80078	299.60	0	48.846849	-86.953911	56192.96	56244	6.04	56198.99	56197.47266	56198.50024	56196.80859	503381.4	5410432.0
L3380.0	503381.4	5410432.0	39262.89844	292.37	0	48.846849	-86.953911	56194.33	56244	6.04	56200.37	56198.85547	56199.93524	56198.28906	503381.4	5410432.0
L3380.0	503381.4	5410433.6	39263.00000	292.90	0	48.846864	-86.953911	56195.75	56244	6.04	56201.79	56200.27344	56201.45300	56199.85547	503381.4	5410433.6
L3380.0	503381.4	5410435.3	39263.10156	292.71	0	48.846879	-86.953911	56197.52	56244	6.05	56203.57	56202.05469	56203.23194	56201.67969	503381.4	5410435.3
L3380.0	503381.4	5410435.3	39263.19922	294.56	0	48.846879	-86.953911	56199.18	56243.9	6.05	56205.24	56203.72656	56205.02857	56203.52344	503381.4	5410435.3
L3380.0	503381.4	5410437.3	39263.30078	294.74	0	48.846897	-86.953911	56201.36	56243.9	6.06	56207.41	56205.89844	56207.41000	56205.95703	503381.4	5410437.3
L3380.0	503381.4	5410439.1	39263.39844	302.54	0	48.846913	-86.953911	56202.54	56243.9	6.06	56208.60	56207.08984	56208.34265	56206.93750	503381.4	5410439.1
L3380.0	503381.4	5410440.5	39263.50000	302.83	0	48.846926	-86.953911	56204.14	56243.9	6.07	56210.21	56208.70313	56211.77901	56210.42188	503381.4	5410440.5
L3380.0	503381.4	5410440.5	39263.60156	303.09	0	48.846926	-86.953911	56205.25	56243.9	6.08	56211.33	56209.82422	56210.10110	56208.79688	503381.4	5410440.5
L3380.0	503381.4	5410442.7	39263.69922	304.62	0	48.846945	-86.953911	56207.14	56243.9	6.08	56213.22	56211.71484	56215.90163	56214.64844	503381.4	5410442.7
L3380.0	503381.4	5410442.7	39263.80078	294.26	0	48.846945	-86.953911	56208.63	56243.9	6.09	56214.71	56213.21094	56216.43864	56215.23828	503381.4	5410442.7
L3380.0	503381.3	5410444.4	39263.89844	295.01	0	48.846961	-86.953912	56209.84	56243.9	6.09	56215.93	56214.43359	56216.74154	56215.59375	503381.3	5410444.4
L3380.0	503381.3	5410446.1	39264.00000	303.88	0	48.846976	-86.953912	56211.26	56243.9	6.10	56217.36	56215.86719	56220.57725	56219.48047	503381.3	5410446.1
L3380.0	503381.3	5410447.6	39264.10156	304.03	0	48.846990	-86.953912	56212.57	56243.9	6.11	56218.68	56217.19141	56219.79459	56218.75000	503381.3	5410447.6
L3380.0	503381.3	5410447.6	39264.19922	303.57	0	48.846990	-86.953912	56214.16	56243.9	6.11	56220.27	56218.78516	56222.57982	56221.58984	503381.3	5410447.6
L3380.0	503381.3	5410449.1	39264.30078	301.16	0	48.847004	-86.953913	56215.54	56243.9	6.12	56221.65	56220.17188	56223.70927	56222.77344	503381.3	5410449.1
L3380.0	503381.2	5410451.1	39264.39844	292.22	0	48.847021	-86.953913	56217.27	56243.9	6.12	56223.40	56221.92578	56228.46820	56227.58984	503381.2	5410451.1
L3380.0	503381.2	5410451.1	39264.50000	292.05	0	48.847021	-86.953913	56218.63	56243.9	6.13	56224.76	56223.29297	56229.56226	56228.73828	503381.2	5410451.1
L3380.0	503381.2	5410452.5	39264.60156	300.20	0	48.847033	-86.953913	56220.00	56243.9	6.14	56226.14	56224.67578	56230.83033	56230.06250	503381.2	5410452.5
L3380.0	503381.2	5410454.3	39264.69922	299.29	0	48.847050	-86.953913	56221.13	56243.9	6.14	56227.27	56225.81250	56229.32912	56228.61719	503381.2	5410454.3
L3380.0	503381.2	5410454.3	39264.80078	300.86	0	48.847050	-86.953913	56222.51	56243.9	6.15	56228.66	56227.21094	56230.69674	56230.03906	503381.2	5410454.3
L3380.0	503381.2	5410456.3	39264.89844	301.74	0	48.847068	-86.953914	56224.01	56243.8	6.15	56230.16	56228.71484	56233.35770	56232.75781	503381.2	5410456.3
L3380.0	503381.2	5410458.1	39265.00000	291.57	0	48.847084	-86.953914	56225.57	56243.8	6.16	56231.73	56230.29297	56236.82653	56236.28516	503381.2	5410458.1
L3380.0	503381.2	5410458.1	39265.10156	291.07	0	48.847084	-86.953914	56227.13	56243.8	6.16	56233.30	56231.87109	56240.26183	56239.77734	503381.2	5410458.1
L3380.0	503381.1	5410460.1	39265.19922	300.33	0	48.847102	-86.953914	56228.32	56243.8	6.17	56234.49	56233.06641	56239.69031	56239.26172	503381.1	5410460.1
L3380.0	503381.1	5410461.3	39265.30078	301.47	0	48.847113	-86.953914	56229.52	56243.8	6.17	56235.69	56234.27734	56239.43537	56239.06641	503381.1	5410461.3
L3380.0	503381.1	5410463.0	39265.39844	294.48	0	48.847128	-86.953914	56230.98	56243.8	6.17	56237.15	56235.74609	56241.86299	56241.55078	503381.1	5410463.0
L3380.0	503381.1	5410463.0	39265.50000	292.79	0	48.847128	-86.953914	56232.38	56243.8	6.18	56238.55	56237.15234	56243.74380	56243.48828	503381.1	5410463.0
L3380.0	503381.1	5410463.0	39265.60156	302.46	0	48.847128	-86.953914	56233.48	56243.8	6.18	56239.66	56238.26953	56243.24404	56243.05078	503381.1	5410463.0
L3380.0	503381.1	5410464.7	39265.69922	303.74	0	48.847143	-86.953914	56234.73	56243.8	6.18	56240.91	56239.53125	56244.15465	56244.01953	503381.1	5410464.7
L3380.0	503381.1	5410466.5	39265.80078	304.47	0	48.847160	-86.953914	56235.92	56243.8	6.18	56242.11	56240.73828	56244.84410	56244.76563	503381.1	5410466.5
L3380.0	503381.1	5410466.5	39265.89844	304.14	0	48.847160	-86.953914	56237.03	56243.8	6.19	56243.21	56241.84766	56246.68089	56246.66406	503381.1	5410466.5
L3380.0	503381.1	5410470.0	39266.00000	302.58	0	48.847191	-86.953914	56238.06	56243.8	6.19	56244.25	56242.89844	56244.09479	56244.13672	503381.1	5410470.0
L3380.0	503381.1	5410470.0	39266.10156	302.32	0	48.847191	-86.953914	56239.57	56243.8	6.20	56245.76	56244.41797	56249.29101	56249.39063	503381.1	5410470.0
L3380.0	503381.1	5410471.5	39266.19922	292.48	0	48.847204	-86.953914	56240.71	56243.8	6.20	56246.91	56245.57813	56248.23505	56248.39453	503381.1	5410471.5
L3380.0	503381.1	5410471.5	39266.30078	292.07	0	48.847204	-86.953914	56241.84	56243.8	6.21	56248.05	56246.72656	56248.96483	56249.18359	503381.1	5410471.5
L3380.0	503381.2	5410473.1	39266.39844	293.07	0	48.847219	-86.953914	56243.23	56243.8	6.21	56249.44	56248.12891	56250.30335	56250.58203	503381.2	5410473.1
L3380.0	503381.2	5410474.8	39266.50000	291.64	0	48.847235	-86.953914	56244.46	56243.8	6.22	56250.68	56249.37891	56251.28835	56251.62500	503381.2	5410474.8
L3380.0	503381.1	5410476.2	39266.60156	303.19	0	48.847247	-86.953914	56245.09	56243.8	6.23	56251.32	56250.03125	56251.13775	56251.53516	503381.1	5410476.2
L3380.0	503381.1	5410476.2	39266.69922	301.48	0	48.847247	-86.953914	56245.82	56243.8	6.23	56252.05	56250.76953	56251.45711	56251.91016	503381.1	5410476.2
L3380.0	503381.1	5410477.7	39266.80078	301.04	0	48.847261	-86.953914	56246.81	56243.8	6.24	56253.05	56251.78125	56252.00219	56252.51563	503381.1	5410477.7
L3380.0	503381.1	5410479.7	39266.89844	290.08	0	48.847278	-86.953914	56247.93	56243.8	6.24	56254.17	56252.91406	56252.58171	56253.15625	503381.1	5410479.7
L3380.0	503381.1	5410479.7	39267.00000	291.11	0	48.847278	-86.953914	56249.02	56243.8	6.25	56255.27	56254.02344	56253.14948	56253.78125	503381.1	5410479.7
L3380.0	503381.1	5410481.3	39267.10156	293.37	0	48.847292	-86.953915	56250.06	56243.7	6.25	56256.31	56255.07813	56253.78262	56254.47266	503381.1	5410481.3
L3380.0	503381.1	5410482.9	39267.19922	294.07	0	48.847307	-86.953915	56251.37	56243.7	6.25	56257.62	56256.39844	56254.56008	56255.30859	503381.1	5410482.9
L3380.0	503381.1	5410482.9	39267.30078	294.98	0	48.847307	-86.953915	56252.21	56243.7	6.25	56258.46	56257.25000	56255.02677	56255.83203	503381.1	5410482.9
L3380.0	503381.1	5410484.5	39267.39844	293.97	0	48.847322	-86.953915	56253.29	56243.7	6.25	56259.54	56258.34375	56255.67892	56256.54297	503381.1	5410484.5
L3380.0	503381.0	5410486.3	39267.50000	293.81	0	48.847338	-86.953915	56253.82	56243.7	6.25	56260.07	56258.88672	56256.04288	56256.96484	503381.0	5410486.3
L3380.0	503381.0	5410486.3	39267.60156	294.48	0	48.847338	-86.953915	56255.29	56243.7	6.26	56261.55	56260.37891	56256.97206	56257.94922	503381.0	5410486.3
L3380.0	503381.0	5410488.2	39267.69922	292.45	0	48.847355	-86.953915	56255.96	56243.7	6.26	56262.22	56261.05859	56257.49053	56258.52734	503381.0	5410488.2
L3380.0	503381.0	5410489.4	39267.80078	290.90	0	48.847365	-86.953916	56257.09	56243.7	6.26	56263.34	56262.19141	56258.26803	56259.35938	503381.0	5410489.4
L3380.0	503381.0	5410491.1	39267.89844	292.80	0	48.847381	-86.953916	56258.06	56243.7	6.26	56264.31	56263.17578	56258.99441	56260.14063	503381.0	5410491.1
L3380.0	503381.0	5410491.1	39268.00000	291.41	0	48.847381	-86.953916	56259.23	56243.7	6.26	56265.49	56264.36719	56259.83235	56261.03516	503381.0	5410491.1
L3380.0	503381.0	5410493.0	39268.10156	291.09	0	48.847398	-86.953915	56260.30	56243.7	6.26	56266.56	56265.45313	56260.63656	56261.89453	503381.0	5410493.0
L3380.0	503381.0	5410494.7	39268.19922	292.25	0	48.847414	-86.953915	56261.19	56243.7	6.26	56267.45	56266.35547	56261.38709	56262.69922	503381.0	5410494.7
L3380.0	503381.0	5410494.7	39268.30078	292.04	0	48.847414	-86.953915	56262.27	56243.7	6.26	56268.53	56267.44922	56262.23822	56263.60547	503381.0	5410494.7
L3380.0	503381.0	5410496.0	39268.39844	293.50	0	48.847426	-86.953915	56262.63	56243.7	6.26	56268.89	56267.82031	56262.83695	56264.25781	503381.0	5410496.0
L3380.0	503381.1	5410497.8	39268.50000	293.90	0	48.847441	-86.953915	56263.70	56243.7	6.26	56269.96	56268.90625	56263.73990	56265.21484	503381.1	5410497.8
L3380.0	503381.1	5410497.8	39268.60156	293.67	0	48.847441	-86.953915	56264.38	56243.7	6.27	56270.64	56269.59766	56264.52090	56266.04688	503381.1	5410497.8
L3380.0	503381.1	5410499.5	39268.69922	294.80	0	48.847457	-86.953914	56265.31	56243.7	6.27	56271.57	56270.54297	56265.42240	56267.00000	503381.1	5410499.5
L3380.0	503381.1	5410499.5	39268.80078	295.05	0	48.847457	-86.953914	56266.07	56243.7	6.27	56272.33	56271.31641	56266.28177	56267.91016	503381.1	5410499.5
L3380.0	503381.1	5410501.5	39268.89844	293.70	0	48.847474	-86.953914	56266.82	56243.7	6.27	56273.08	56272.07813	56267.15656	56268.83594	503381.1	5410501.5
L3380.0	503381.2	5410503.1	39269.00000	292.55	0	48.847489	-86.953914	56267.49	56243.7	6.27	56273.76	56272.77344	56268.02041	56269.75000	503381.2	5410503.1
L3380.0	503381.2	5410504.5	39269.10156	291.60	0	48.847501	-86.953913	56268.37	56243.7	6.27	56274.64	56273.66797	56268.98212	56270.76172	503381.2	5410504.5
L3380.0	503381.2	5410504.5	39269.19922	292.12	0	48.847501	-86.953913	56269.68	56243.7	6.28	56275.95	56274.98828	56270.14791	56271.97656	503381.2	5410504.5
L3380.0	503381.2	5410506.0	39269.30078	291.63	0	48.847515	-86.953913	56270.27	56243.7	6.28	56276.55	56275.60547	56271.02200	56272.89844	503381.2	5410506.0
L3380.0	503381.2	5410508.1	39269.39844	294.16	0	48.847534	-86.953913	56270.89	56243.7	6.28	56277.18	56276.24609	56271.91166	56273.83594	503381.2	5410508.1
L3380.0	503381.2	5410509.3	39269.50000	294.26	0	48.847545	-86.953913	56271.25	56243.7	6.28	56277.53	56276.61328	56272.66297	56274.63281	503381.2	5410509.3
L3380.0	503381.2	5410509.3	39269.60156	293.22	0	48.847545	-86.953913	56272.29	56243.7	6.29	56278.58	56277.67578	56273.75668	56275.77344	503381.2	5410509.3
L3380.0	503381.2	5410510.8	39269.69922	291.81	0	48.847558	-86.953912	56273.20	56243.7	6.29	56279.49	56278.59766	56274.78849	56276.85156	503381.2	5410510.8
L3380.0	503381.3	5410512.6	39269.80078	292.40	0	48.847575	-86.953912	56274.21	56243.7	6.29	56280.51	56279.63281	56275.88538	56277.99219	503381.3	5410512.6
L3380.0	503381.3	5410512.6	39269.89844	291.85	0	48.847575	-86.953912	56274.74	56243.7	6.30	56281.04	56280.17578	56276.71105	56278.85938	503381.3	5410512.6
L3380.0	503381.3	5410514.6	39270.00000	290.69	0	48.847592	-86.953912	56275.33	56243.7	6.30	56281.63	56280.78125	56277.55946	56279.75000	503381.3	5410514.6
L3380.0	503381.3	5410514.6	39270.10156	291.92	0	48.847592	-86.953912	56276.28	56243.7	6.30	56282.58	56281.74609	56278.61360	56280.84766	503381.3	5410514.6
L3380.0	503381.3	5410516.2	39270.19922	291.07	0	48.847607	-86.953911	56276.94	56243.7	6.30	56283.24	56282.41797	56279.47835	56281.75000	503381.3	5410516.2
L3380.0	503381.3	5410517.7	39270.30078	295.35	0	48.847620	-86.953911	56277.86	56243.7	6.30	56284.16	56283.35156	56280.48674	56282.80078	503381.3	5410517.7
L3380.0	503381.3	5410517.7	39270.39844	296.44	0	48.847620	-86.953911	56278.04	56243.7	6.30	56284.33	56283.53516	56280.98012	56283.33203	503381.3	5410517.7
L3380.0	503381.4	5410519.3	39270.50000	294.94	0	48.847635	-86.953911	56278.84	56243.7	6.29	56285.13	56284.34766	56281.85054	56284.23828	503381.4	5410519.3
L3380.0	503381.4	5410521.0	39270.60156	294.09	0	48.847650	-86.953911	56279.49	56243.7	6.29	56285.79	56285.02344	56282.59038	56285.01563	503381.4	5410521.0
L3380.0	503381.4	5410521.0	39270.69922	297.06	0	48.847650	-86.953911	56280.25	56243.7	6.29	56286.54	56285.78516	56283.34835	56285.80859	503381.4	5410521.0
L3380.0	503381.4	5410522.9	39270.80078	296.50	0	48.847667	-86.953911	56280.85	56243.7	6.29	56287.14	56286.39844	56283.95458	56286.44922	503381.4	5410522.9
L3380.0	503381.4	5410522.9	39270.89844	296.02	0	48.847667	-86.953911	56281.13	56243.7	6.29	56287.42	56286.69141	56284.29123	56286.82031	503381.4	5410522.9
L3380.0	503381.3	5410526.1	39271.00000	294.27	0	48.847696	-86.953911	56282.00	56243.7	6.29	56288.29	56287.57422	56284.97164	56287.53516	503381.3	5410526.1
L3380.0	503381.3	5410526.1	39271.10156	294.90	0	48.847696	-86.953911	56282.40	56243.7	6.29	56288.69	56287.98828	56285.28476	56287.87891	503381.3	5410526.1
L3380.0	503381.3	5410527.9	39271.19922	294.86	0	48.847712	-86.953911	56283.40	56243.7	6.29	56289.68	56288.99219	56285.92308	56288.54688	503381.3	5410527.9
L3380.0	503381.3	5410529.1	39271.30078	296.12	0	48.847723	-86.953911	56283.70	56243.7	6.28	56289.98	56289.30469	56286.07656	56288.73047	503381.3	5410529.1
L3380.0	503381.3	5410529.1	39271.39844	297.38	0	48.847723	-86.953911	56284.24	56243.7	6.28	56290.52	56289.85547	56286.33507	56289.01953	503381.3	5410529.1

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L3380.0	503381.3	5410530.8	39271.50000	297.58	0	48.847738	-86.953911	56284.36	56243.7	6.28	56290.64	56289.98828	56286.33132	56289.04297	503381.3	5410530.8
L3380.0	503381.3	5410532.4	39271.60156	296.69	0	48.847753	-86.953912	56284.42	56243.7	6.28	56290.70	56290.06250	56286.29854	56289.03516	503381.3	5410532.4
L3380.0	503381.3	5410533.9	39271.69922	295.94	0	48.847766	-86.953912	56286.10	56243.7	6.28	56292.38	56291.75391	56287.01624	56289.77734	503381.3	5410533.9
L3380.0	503381.3	5410533.9	39271.80078	293.98	0	48.847766	-86.953912	56286.10	56243.7	6.27	56292.38	56291.76563	56286.93044	56289.71484	503381.3	5410533.9
L3380.0	503381.2	5410536.0	39271.89844	293.31	0	48.847785	-86.953913	56287.42	56243.7	6.27	56293.69	56293.08984	56287.36329	56290.17188	503381.2	5410536.0
L3380.0	503381.2	5410537.3	39272.00000	289.41	0	48.847797	-86.953913	56287.41	56243.7	6.27	56293.68	56293.08984	56287.30604	56290.13672	503381.2	5410537.3
L3380.0	503381.2	5410537.3	39272.10156	287.36	0	48.847797	-86.953913	56288.12	56243.7	6.27	56294.39	56293.81250	56287.51284	56290.36328	503381.2	5410537.3
L3380.0	503381.2	5410539.1	39272.19922	289.35	0	48.847812	-86.953913	56288.09	56243.7	6.27	56294.35	56293.78516	56287.55042	56290.42188	503381.2	5410539.1
L3380.0	503381.1	5410541.4	39272.30078	289.42	0	48.847834	-86.953913	56289.06	56243.7	6.27	56295.33	56294.77734	56287.87895	56290.76953	503381.1	5410541.4
L3380.0	503381.1	5410541.4	39272.39844	287.30	0	48.847834	-86.953913	56289.50	56243.7	6.27	56295.77	56295.22656	56288.12898	56291.03516	503381.1	5410541.4
L3380.0	503381.1	5410542.9	39272.50000	289.97	0	48.847847	-86.953914	56289.60	56243.7	6.26	56295.86	56295.32813	56288.38123	56291.30469	503381.1	5410542.9
L3380.0	503381.1	5410544.7	39272.60156	290.39	0	48.847863	-86.953914	56290.85	56243.7	6.26	56297.12	56296.59766	56288.86397	56291.80078	503381.1	5410544.7
L3380.0	503381.1	5410544.7	39272.69922	288.25	0	48.847863	-86.953914	56291.00	56243.7	6.26	56297.27	56296.76172	56289.23612	56292.18750	503381.1	5410544.7
L3380.0	503381.1	5410546.2	39272.80078	289.65	0	48.847877	-86.953915	56291.56	56243.7	6.26	56297.83	56297.33203	56289.71718	56292.68359	503381.1	5410546.2
L3380.0	503381.0	5410548.1	39272.89844	289.07	0	48.847893	-86.953915	56291.59	56243.7	6.26	56297.85	56297.35938	56290.18052	56293.15625	503381.0	5410548.1
L3380.0	503381.0	5410548.1	39273.00000	288.28	0	48.847893	-86.953915	56292.84	56243.7	6.26	56299.10	56298.62109	56290.85155	56293.83984	503381.0	5410548.1
L3380.0	503381.0	5410549.9	39273.10156	291.05	0	48.847910	-86.953915	56293.00	56243.7	6.26	56299.25	56298.78125	56291.42414	56294.42188	503381.0	5410549.9
L3380.0	503381.0	5410551.8	39273.19922	289.13	0	48.847927	-86.953915	56293.81	56243.7	6.25	56300.06	56299.60156	56292.13243	56295.13672	503381.0	5410551.8
L3380.0	503381.0	5410553.3	39273.30078	287.66	0	48.847941	-86.953915	56294.09	56243.7	6.25	56300.34	56299.89063	56292.78807	56295.80078	503381.0	5410553.3
L3380.0	503381.0	5410553.3	39273.39844	290.65	0	48.847941	-86.953915	56294.29	56243.8	6.25	56300.54	56300.09766	56293.44352	56296.46094	503381.0	5410553.3
L3380.0	503381.0	5410555.4	39273.50000	289.71	0	48.847960	-86.953915	56295.32	56243.8	6.25	56301.57	56301.13672	56294.30050	56297.32031	503381.0	5410555.4
L3380.0	503381.0	5410555.4	39273.60156	289.21	0	48.847960	-86.953915	56294.98	56243.8	6.24	56301.22	56300.79688	56294.83202	56297.85547	503381.0	5410555.4
L3380.0	503381.0	5410557.2	39273.69922	293.92	0	48.847976	-86.953915	56296.18	56243.8	6.24	56302.42	56302.00391	56295.77913	56298.80469	503381.0	5410557.2
L3380.0	503381.0	5410557.2	39273.80078	294.01	0	48.847976	-86.953915	56295.96	56243.8	6.24	56302.19	56301.78125	56296.29671	56299.32422	503381.0	5410557.2
L3380.0	503381.1	5410558.9	39273.89844	293.21	0	48.847991	-86.953914	56296.77	56243.8	6.23	56303.00	56302.60156	56297.13236	56300.16016	503381.1	5410558.9
L3380.0	503381.1	5410560.4	39274.00000	296.32	0	48.848005	-86.953914	56296.82	56243.8	6.23	56303.05	56302.66016	56297.67921	56300.70703	503381.1	5410560.4
L3380.0	503381.1	5410562.1	39274.10156	296.82	0	48.848020	-86.953914	56297.38	56243.8	6.23	56303.61	56303.22656	56298.39209	56301.41797	503381.1	5410562.1
L3380.0	503381.1	5410563.6	39274.19922	294.25	0	48.848033	-86.953913	56297.82	56243.8	6.23	56304.04	56303.66406	56299.02994	56302.05078	503381.1	5410563.6
L3380.0	503381.1	5410563.6	39274.30078	294.95	0	48.848033	-86.953913	56298.17	56243.8	6.22	56304.40	56304.03125	56299.60816	56302.62500	503381.1	5410563.6
L3380.0	503381.2	5410565.2	39274.39844	294.96	0	48.848048	-86.953913	56298.61	56243.8	6.22	56304.83	56304.46875	56300.18565	56303.19922	503381.2	5410565.2
L3380.0	503381.2	5410567.3	39274.50000	292.33	0	48.848067	-86.953912	56298.70	56243.8	6.22	56304.92	56304.56250	56300.56844	56303.57422	503381.2	5410567.3
L3380.0	503381.3	5410568.8	39274.60156	291.40	0	48.848080	-86.953911	56299.66	56243.8	6.22	56305.87	56305.51953	56301.33472	56304.33594	503381.3	5410568.8
L3380.0	503381.3	5410568.8	39274.69922	291.68	0	48.848080	-86.953911	56299.71	56243.8	6.22	56305.92	56305.57422	56301.62943	56304.62109	503381.3	5410568.8
L3380.0	503381.3	5410570.4	39274.80078	292.54	0	48.848094	-86.953911	56300.60	56243.8	6.21	56306.81	56306.46875	56302.31053	56305.29297	503381.3	5410570.4
L3380.0	503381.4	5410572.5	39274.89844	294.63	0	48.848113	-86.953910	56300.77	56243.8	6.21	56306.99	56306.65625	56302.60917	56305.58203	503381.4	5410572.5
L3380.0	503381.4	5410572.5	39275.00000	296.25	0	48.848113	-86.953910	56301.24	56243.8	6.21	56307.45	56307.12109	56303.02503	56305.98438	503381.4	5410572.5
L3380.0	503381.4	5410573.8	39275.10156	294.48	0	48.848125	-86.953910	56301.44	56243.8	6.21	56307.65	56307.32422	56303.29502	56306.24219	503381.4	5410573.8
L3380.0	503381.4	5410575.3	39275.19922	293.20	0	48.848139	-86.953909	56301.80	56243.8	6.21	56308.01	56307.68750	56303.63367	56306.56641	503381.4	5410575.3
L3380.0	503381.4	5410575.3	39275.30078	294.92	0	48.848139	-86.953909	56302.36	56243.8	6.21	56308.57	56308.25391	56304.06361	56306.98438	503381.4	5410575.3
L3380.0	503381.5	5410577.5	39275.39844	292.59	0	48.848159	-86.953909	56302.66	56243.8	6.21	56308.87	56308.55859	56304.36846	56307.27344	503381.5	5410577.5
L3380.0	503381.5	5410579.1	39275.50000	291.86	0	48.848172	-86.953908	56303.02	56243.8	6.21	56309.23	56308.92188	56304.70742	56307.59375	503381.5	5410579.1
L3380.0	503381.5	5410581.1	39275.60156	293.44	0	48.848190	-86.953908	56303.18	56243.8	6.20	56309.39	56309.08203	56304.95478	56307.82422	503381.5	5410581.1
L3380.0	503381.5	5410581.1	39275.69922	293.61	0	48.848190	-86.953908	56303.94	56243.8	6.20	56310.14	56309.83594	56305.48092	56308.33203	503381.5	5410581.1
L3380.0	503381.6	5410582.8	39275.80078	292.89	0	48.848206	-86.953908	56304.12	56243.8	6.20	56310.32	56310.01953	56305.74397	56308.57813	503381.6	5410582.8
L3380.0	503381.6	5410584.3	39275.89844	292.89	0	48.848220	-86.953907	56304.71	56243.8	6.20	56310.91	56310.60938	56306.19937	56309.01172	503381.6	5410584.3
L3380.0	503381.6	5410584.3	39276.00000	293.12	0	48.848220	-86.953907	56304.73	56243.8	6.20	56310.93	56310.63281	56306.39454	56309.18750	503381.6	5410584.3
L3380.0	503381.6	5410586.4	39276.10156	293.26	0	48.848238	-86.953907	56305.07	56243.8	6.20	56311.26	56310.96094	56306.73430	56309.50391	503381.6	5410586.4
L3380.0	503381.6	5410586.4	39276.19922	294.19	0	48.848238	-86.953907	56305.40	56243.8	6.20	56311.59	56311.29297	56307.07485	56309.82422	503381.6	5410586.4
L3380.0	503381.6	5410587.7	39276.30078	294.90	0	48.848250	-86.953907	56305.40	56243.8	6.19	56311.59	56311.29297	56307.26562	56309.99219	503381.6	5410587.7
L3380.0	503381.6	5410589.3	39276.39844	294.84	0	48.848264	-86.953907	56306.04	56243.8	6.19	56312.23	56311.93359	56307.75072	56310.45313	503381.6	5410589.3
L3380.0	503381.6	5410591.2	39276.50000	295.64	0	48.848281	-86.953907	56306.26	56243.8	6.19	56312.45	56312.15625	56308.04420	56310.72266	503381.6	5410591.2
L3380.0	503381.6	5410591.2	39276.60156	295.40	0	48.848281	-86.953907	56306.64	56243.8	6.19	56312.83	56312.53516	56308.41084	56311.06250	503381.6	5410591.2
L3380.0	503381.6	5410593.1	39276.69922	293.30	0	48.848299	-86.953907	56307.11	56243.8	6.19	56313.29	56312.99219	56308.81408	56311.44141	503381.6	5410593.1
L3380.0	503381.6	5410594.9	39276.80078	293.67	0	48.848315	-86.953907	56307.11	56243.8	6.18	56313.29	56312.99219	56309.00505	56311.60547	503381.6	5410594.9
L3380.0	503381.6	5410594.9	39276.89844	292.03	0	48.848315	-86.953907	56307.41	56243.8	6.18	56313.60	56313.30078	56309.33784	56311.91016	503381.6	5410594.9
L3380.0	503381.6	5410596.2	39277.00000	290.95	0	48.848326	-86.953907	56307.92	56243.8	6.18	56314.10	56313.80078	56309.75665	56312.30078	503381.6	5410596.2
L3380.0	503381.6	5410596.2	39277.10156	290.55	0	48.848326	-86.953907	56308.02	56243.8	6.18	56314.20	56313.89844	56309.98748	56312.50391	503381.6	5410596.2
L3380.0	503381.5	5410599.5	39277.19922	290.50	0	48.848356	-86.953908	56308.74	56243.8	6.18	56314.92	56314.61328	56310.50363	56312.98828	503381.5	5410599.5
L3380.0	503381.5	5410599.5	39277.30078	290.86	0	48.848356	-86.953908	56308.71	56243.8	6.18	56314.90	56314.58984	56310.67470	56313.12891	503381.5	5410599.5
L3380.0	503381.5	5410600.8	39277.39844	293.37	0	48.848367	-86.953908	56308.99	56243.8	6.18	56315.18	56314.86719	56310.98372	56313.41016	503381.5	5410600.8
L3380.0	503381.5	5410602.8	39277.50000	295.00	0	48.848386	-86.953908	56308.75	56243.8	6.18	56314.93	56314.61328	56311.04516	56313.44141	503381.5	5410602.8
L3380.0	503381.5	5410602.8	39277.60156	294.91	0	48.848386	-86.953908	56308.96	56243.8	6.19	56315.15	56314.83203	56311.32429	56313.68750	503381.5	5410602.8
L3380.0	503381.5	5410604.5	39277.69922	293.62	0	48.848401	-86.953907	56309.78	56243.8	6.19	56315.97	56315.64453	56311.88153	56314.21094	503381.5	5410604.5
L3380.0	503381.6	5410605.7	39277.80078	293.38	0	48.848412	-86.953907	56310.25	56243.8	6.19	56316.43	56316.10156	56312.26960	56314.56641	503381.6	5410605.7
L3380.0	503381.6	5410605.7	39277.89844	291.24	0	48.848412	-86.953907	56310.75	56243.8	6.19	56316.94	56316.60547	56312.67902	56314.94531	503381.6	5410605.7
L3380.0	503381.6	5410608.2	39278.00000	292.81	0	48.848435	-86.953907	56310.84	56243.8	6.19	56317.03	56316.69141	56312.89133	56315.12109	503381.6	5410608.2
L3380.0	503381.6	5410609.7	39278.10156	293.73	0	48.848448	-86.953907	56311.24	56243.8	6.19	56317.43	56317.08594	56313.24714	56315.44531	503381.6	5410609.7
L3380.0	503381.6	5410609.7	39278.19922	293.83	0	48.848448	-86.953907	56311.57	56243.8	6.19	56317.76	56317.41016	56313.56816	56315.73047	503381.6	5410609.7
L3380.0	503381.6	5410612.9	39278.30078	293.93	0	48.848476	-86.953907	56311.90	56243.8	6.19	56318.09	56317.73438	56313.88584	56316.01172	503381.6	5410612.9
L3380.0	503381.6	5410612.9	39278.39844	293.90	0	48.848476	-86.953907	56312.11	56243.8	6.19	56318.30	56317.93750	56314.14432	56316.23828	503381.6	5410612.9
L3380.0	503381.6	5410614.3	39278.50000	292.73	0	48.848489	-86.953907	56312.55	56243.8	6.19	56318.74	56318.37109	56314.50491	56316.56250	503381.6	5410614.3
L3380.0	503381.6	5410614.3	39278.60156	293.72	0	48.848489	-86.953907	56312.70	56243.8	6.19	56318.89	56318.51172	56314.72667	56316.74609	503381.6	5410614.3
L3380.0	503381.6	5410616.0	39278.69922	293.65	0	48.848505	-86.953907	56313.23	56243.8	6.19	56319.42	56319.03516	56315.11772	56317.10156	503381.6	5410616.0
L3380.0	503381.5	5410617.6	39278.80078	292.93	0	48.848519	-86.953908	56313.31	56243.8	6.19	56319.50	56319.10547	56315.29601	56317.24219	503381.5	5410617.6
L3380.0	503381.5	5410619.5	39278.89844	295.13	0	48.848536	-86.953908	56313.59	56243.8	6.19	56319.78	56319.37891	56315.55978	56317.47266	503381.5	5410619.5
L3380.0	503381.5	5410619.5	39279.00000	297.19	0	48.848536	-86.953908	56313.74	56243.8	6.19	56319.93	56319.51953	56315.75861	56317.63281	503381.5	5410619.5
L3380.0	503381.4	5410620.7	39279.10156	293.10	0	48.848547	-86.953909	56314.20	56243.8	6.19	56320.39	56319.96875	56316.09058	56317.92578	503381.4	5410620.7
L3380.0	503381.4	5410622.2	39279.19922	292.15	0	48.848560	-86.953909	56314.54	56243.8	6.19	56320.72	56320.28906	56316.35627	56318.15625	503381.4	5410622.2
L3380.0	503381.4	5410622.2	39279.30078	292.60	0	48.848560	-86.953909	56314.66	56243.8	6.19	56320.85	56320.41016	56316.52710	56318.28906	503381.4	5410622.2
L3380.0	503381.3	5410624.3	39279.39844	291.85	0	48.848579	-86.953910	56314.94	56243.8	6.19	56321.12	56320.66797	56316.75434	56318.47656	503381.3	5410624.3
L3380.0	503381.3	5410626.1	39279.50000	292.77	0	48.848595	-86.953911	56314.76	56243.8	6.18	56320.94	56320.48047	56316.78334	56318.46875	503381.3	5410626.1
L3380.0	503381.3	5410626.1	39279.60156	294.48	0	48.848595	-86.953911	56315.24	56243.8	6.18	56321.43	56320.95703	56317.09866	56318.74609	503381.3	5410626.1
L3380.0	503381.3	5410627.8	39279.69922	292.29	0	48.848611	-86.953911	56315.25	56243.8	6.18	56321.43	56320.94531	56317.20464	56318.81250	503381.3	5410627.8
L3380.0	503381.2	5410629.6	39279.80078	293.98	0	48.848627	-86.953912	56315.27	56243.8	6.18	56321.45	56320.95313	56317.32225	56318.89063	503381.2	5410629.6
L3380.0	503381.2	5410631.3	39279.89844	294.05	0	48.848642	-86.953912	56315.02	56243.8	6.18	56321.20	56320.69141	56317.33280	56318.86328	503381.2	5410631.3
L3380.0	503381.2	5410631.3	39280.00000	294.34	0	48.848642	-86.953912	56315.25	56243.8	6.18	56321.43	56320.91016	56317.54475	56319.03516	503381.2	5410631.3
L3380.0	503381.1	5410633.1	39280.10156	293.40	0	48.848658	-86.953913	56315.81	56243.8	6.18	56321.99	56321.45703	56317.89190	56319.34375	503381.1	5410633.1
L3380.0	503381.1	5410633.1	39280.19922	292.82	0	48.848658	-86.953913	56316.14	56243.8	6.18	56322.32	56321.77734	56318.14687	56319.55859	503381.1	5410633.1
L3380.0	503381.1	5410634.6	39280.30078	292.38	0	48.848672	-86.953913	56316.16	56243.8	6.18	56322.34	56321.78125	56318.27993	56319.65234	503381.1	5410634.6
L3380.0	503381.1	5410636.1	39280.39844	292.73	0	48.848685	-86.953913	56316.60	56243.8	6.18	56322.78	56322.21094	56318.57999	56319.91406	503381.1	5410636.1
L3380.0	503381.1	5410637.6	39280.50000	294.49	0	48.848698	-86.953913	56316.75	56243.8	6.18	56322.93	56322.34375	56318.76330	56320.05859	503381.1	5410637.6
L3380.0	503381.1	5410637.6	39280.60156	293.42	0	48.848698	-86.953913	56317.39	56243.8	6.18	56323.57	56322.97266	56319.13207	56320.38672	503381.1	5410637.6
L3380.0	503381.1	5410639.9	39280.69922	292.49	0	48.848719	-86.953913	56317.11	56243.8	6.18	56323.29	56322.67578	56319.14069	56320.35547	503381.1	5410639.9

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L3380.0	503381.1	5410639.9	39280.80078	292.36	0	48.848719	-86.953913	56317.08	56243.8	6.18	56323.26	56322.63281	56319.24522	56320.42188	503381.1	5410639.9
L3380.0	503381.1	5410641.4	39280.89844	292.15	0	48.848733	-86.953913	56317.49	56243.8	6.18	56323.67	56323.02734	56319.51402	56320.64844	503381.1	5410641.4
L3380.0	503381.2	5410642.8	39281.00000	293.69	0	48.848746	-86.953913	56317.41	56243.8	6.18	56323.59	56322.93359	56319.60049	56320.69531	503381.2	5410642.8
L3380.0	503381.2	5410644.2	39281.10156	293.63	0	48.848758	-86.953912	56318.06	56243.8	6.18	56324.24	56323.56641	56319.95551	56321.01172	503381.2	5410644.2
L3380.0	503381.2	5410645.4	39281.19922	294.49	0	48.848769	-86.953912	56318.00	56243.8	6.19	56324.19	56323.50000	56320.06111	56321.07813	503381.2	5410645.4
L3380.0	503381.2	5410645.4	39281.30078	295.18	0	48.848769	-86.953912	56318.41	56243.8	6.19	56324.60	56323.89453	56320.33610	56321.31641	503381.2	5410645.4
L3380.0	503381.2	5410647.4	39281.39844	295.79	0	48.848787	-86.953911	56318.31	56243.8	6.19	56324.50	56323.77734	56320.44046	56321.37891	503381.2	5410647.4
L3380.0	503381.3	5410649.0	39281.50000	294.11	0	48.848802	-86.953911	56318.75	56243.8	6.19	56324.94	56324.20313	56320.74317	56321.64453	503381.3	5410649.0
L3380.0	503381.3	5410650.8	39281.60156	292.85	0	48.848817	-86.953910	56319.07	56243.8	6.20	56325.27	56324.51563	56321.02043	56321.88281	503381.3	5410650.8
L3380.0	503381.3	5410650.8	39281.69922	293.02	0	48.848817	-86.953910	56319.06	56243.8	6.20	56325.26	56324.48828	56321.19632	56322.01953	503381.3	5410650.8
L3380.0	503381.3	5410652.6	39281.80078	289.69	0	48.848834	-86.953910	56318.48	56243.8	6.20	56324.68	56323.89063	56321.18899	56321.97266	503381.3	5410652.6
L3380.0	503381.4	5410653.9	39281.89844	289.25	0	48.848845	-86.953910	56318.21	56243.8	6.21	56324.42	56323.61328	56321.30394	56322.04688	503381.4	5410653.9
L3380.0	503381.4	5410655.5	39282.00000	290.39	0	48.848860	-86.953910	56318.59	56243.8	6.21	56324.80	56323.97656	56321.65978	56322.36719	503381.4	5410655.5
L3380.0	503381.4	5410655.5	39282.10156	290.40	0	48.848860	-86.953910	56319.46	56243.8	6.21	56325.67	56324.82813	56322.21500	56322.88281	503381.4	5410655.5
L3380.0	503381.4	5410657.0	39282.19922	291.13	0	48.848873	-86.953909	56321.22	56243.8	6.22	56327.43	56326.57031	56323.14014	56323.76953	503381.4	5410657.0
L3380.0	503381.4	5410659.2	39282.30078	293.24	0	48.848893	-86.953909	56322.29	56243.8	6.22	56328.51	56327.62891	56323.84204	56324.43359	503381.4	5410659.2
L3380.0	503381.4	5410660.7	39282.39844	292.33	0	48.848907	-86.953909	56322.63	56243.8	6.22	56328.85	56327.95313	56324.26797	56324.82031	503381.4	5410660.7
L3380.0	503381.4	5410660.7	39282.50000	292.93	0	48.848907	-86.953909	56321.68	56243.8	6.22	56327.90	56326.98438	56324.14470	56324.66016	503381.4	5410660.7
L3380.0	503381.4	5410662.5	39282.60156	294.10	0	48.848923	-86.953909	56321.20	56243.8	6.23	56327.43	56326.49609	56324.20036	56324.67578	503381.4	5410662.5
L3380.0	503381.4	5410664.0	39282.69922	293.87	0	48.848936	-86.953909	56321.72	56243.8	6.23	56327.95	56326.99609	56324.69492	56325.13281	503381.4	5410664.0
L3380.0	503381.4	5410664.0	39282.80078	292.57	0	48.848936	-86.953909	56322.16	56243.8	6.23	56328.40	56327.42578	56325.16528	56325.56641	503381.4	5410664.0
L3380.0	503381.4	5410665.3	39282.89844	291.92	0	48.848948	-86.953909	56322.52	56243.8	6.24	56328.76	56327.76563	56325.59635	56325.96094	503381.4	5410665.3
L3380.0	503381.4	5410666.9	39283.00000	292.98	0	48.848962	-86.953909	56322.95	56243.8	6.24	56329.19	56328.17578	56326.06533	56326.39453	503381.4	5410666.9
L3380.0	503381.4	5410668.5	39283.10156	295.35	0	48.848976	-86.953908	56323.64	56243.8	6.24	56329.88	56328.84766	56326.67723	56326.96875	503381.4	5410668.5
L3380.0	503381.4	5410668.5	39283.19922	295.91	0	48.848976	-86.953908	56323.90	56243.8	6.24	56330.14	56329.08594	56327.06014	56327.31250	503381.4	5410668.5
L3380.0	503381.5	5410670.0	39283.30078	295.11	0	48.848990	-86.953908	56324.00	56243.8	6.24	56330.24	56329.16406	56327.34680	56327.56250	503381.5	5410670.0
L3380.0	503381.5	5410671.5	39283.39844	295.73	0	48.849004	-86.953907	56323.84	56243.8	6.24	56330.08	56328.98438	56327.46831	56327.64844	503381.5	5410671.5
L3380.0	503381.5	5410673.1	39283.50000	297.46	0	48.849018	-86.953907	56323.70	56243.8	6.24	56329.93	56328.81641	56327.57540	56327.71875	503381.5	5410673.1
L3380.0	503381.5	5410673.1	39283.60156	298.05	0	48.849018	-86.953907	56323.93	56243.8	6.23	56330.16	56329.02344	56327.89848	56328.00781	503381.5	5410673.1
L3380.0	503381.6	5410675.1	39283.69922	294.98	0	48.849036	-86.953907	56324.48	56243.8	6.23	56330.71	56329.55469	56328.41550	56328.48828	503381.6	5410675.1
L3380.0	503381.6	5410676.7	39283.80078	296.34	0	48.849050	-86.953906	56324.70	56243.8	6.23	56330.93	56329.75391	56328.71638	56328.75391	503381.6	5410676.7
L3380.0	503381.6	5410676.7	39283.89844	295.12	0	48.849050	-86.953906	56325.00	56243.8	6.23	56331.23	56330.03125	56329.06019	56329.06250	503381.6	5410676.7
L3380.0	503381.6	5410678.7	39284.00000	295.48	0	48.849068	-86.953906	56325.25	56243.8	6.23	56331.48	56330.26172	56329.36205	56329.32813	503381.6	5410678.7
L3380.0	503381.6	5410678.7	39284.10156	294.59	0	48.849068	-86.953906	56325.43	56243.8	6.23	56331.66	56330.41797	56329.60875	56329.53906	503381.6	5410678.7
L3380.0	503381.7	5410681.8	39284.19922	295.07	0	48.849096	-86.953905	56325.58	56243.8	6.22	56331.81	56330.54688	56329.82723	56329.72266	503381.7	5410681.8
L3380.0	503381.7	5410681.8	39284.30078	293.87	0	48.849096	-86.953905	56325.46	56243.8	6.22	56331.68	56330.39844	56329.84637	56329.70703	503381.7	5410681.8
L3380.0	503381.7	5410682.9	39284.39844	293.98	0	48.849107	-86.953904	56326.14	56243.8	6.22	56332.36	56331.05469	56330.41856	56330.24609	503381.7	5410682.9
L3380.0	503381.7	5410682.9	39284.50000	292.54	0	48.849107	-86.953904	56326.63	56243.8	6.22	56332.84	56331.51563	56330.85202	56330.64453	503381.7	5410682.9
L3380.0	503381.8	5410684.4	39284.60156	292.00	0	48.849120	-86.953904	56327.14	56243.8	6.21	56333.36	56332.01172	56331.31367	56331.07422	503381.8	5410684.4
L3380.0	503381.8	5410685.9	39284.69922	296.17	0	48.849134	-86.953904	56326.66	56243.8	6.21	56332.86	56331.49219	56331.05591	56330.78125	503381.8	5410685.9
L3380.0	503381.8	5410687.3	39284.80078	295.86	0	48.849146	-86.953903	56326.50	56243.8	6.21	56332.71	56331.32031	56331.04118	56330.73438	503381.8	5410687.3
L3380.0	503381.8	5410688.8	39284.89844	293.94	0	48.849160	-86.953903	56326.81	56243.8	6.20	56333.02	56331.60547	56331.35315	56331.01172	503381.8	5410688.8
L3380.0	503381.8	5410688.8	39285.00000	295.76	0	48.849160	-86.953903	56327.29	56243.8	6.20	56333.49	56332.05469	56331.78166	56331.40625	503381.8	5410688.8
L3380.0	503381.8	5410690.8	39285.10156	296.08	0	48.849177	-86.953903	56327.78	56243.8	6.20	56333.98	56332.52344	56332.22656	56331.82031	503381.8	5410690.8
L3380.0	503381.8	5410692.5	39285.19922	294.02	0	48.849193	-86.953903	56327.60	56243.8	6.20	56333.80	56332.32031	56332.15873	56331.71875	503381.8	5410692.5
L3380.0	503381.8	5410694.0	39285.30078	295.76	0	48.849206	-86.953903	56327.77	56243.8	6.20	56333.98	56332.48047	56332.17501	56331.70313	503381.8	5410694.0
L3380.0	503381.8	5410694.0	39285.39844	294.17	0	48.849206	-86.953903	56327.38	56243.8	6.20	56333.58	56332.05859	56332.73244	56332.22656	503381.8	5410694.0
L3380.0	503381.8	5410695.5	39285.50000	292.99	0	48.849219	-86.953903	56328.11	56243.8	6.21	56334.31	56332.76563	56332.50521	56331.96875	503381.8	5410695.5
L3380.0	503381.8	5410695.5	39285.60156	295.93	0	48.849219	-86.953903	56328.24	56243.8	6.21	56334.44	56332.87500	56332.74023	56332.17188	503381.8	5410695.5
L3380.0	503381.8	5410697.1	39285.69922	297.19	0	48.849234	-86.953903	56328.11	56243.8	6.21	56334.32	56332.73438	56333.06133	56332.46094	503381.8	5410697.1
L3380.0	503381.8	5410698.3	39285.80078	296.53	0	48.849245	-86.953903	56328.34	56243.8	6.21	56334.55	56332.94141	56333.16872	56332.53906	503381.8	5410698.3
L3380.0	503381.8	5410700.0	39285.89844	297.83	0	48.849260	-86.953904	56328.70	56243.8	6.21	56334.91	56333.28125	56333.17995	56332.51953	503381.8	5410700.0
L3380.0	503381.8	5410701.4	39286.00000	296.79	0	48.849273	-86.953904	56328.59	56243.8	6.21	56334.80	56333.14844	56333.50768	56332.81641	503381.8	5410701.4
L3380.0	503381.8	5410701.4	39286.10156	295.37	0	48.849273	-86.953904	56328.80	56243.8	6.21	56335.01	56333.33594	56333.59626	56332.87500	503381.8	5410701.4
L3380.0	503381.8	5410703.4	39286.19922	295.74	0	48.849291	-86.953904	56329.06	56243.8	6.21	56335.26	56333.56641	56333.74086	56332.98828	503381.8	5410703.4
L3380.0	503381.8	5410703.4	39286.30078	294.67	0	48.849291	-86.953904	56329.11	56243.8	6.21	56335.31	56333.59375	56333.78345	56333.00000	503381.8	5410703.4
L3380.0	503381.8	5410704.9	39286.39844	294.91	0	48.849304	-86.953904	56329.59	56243.8	6.21	56335.80	56334.06250	56334.13491	56333.32422	503381.8	5410704.9
L3380.0	503381.7	5410706.7	39286.50000	295.16	0	48.849320	-86.953904	56329.62	56243.8	6.21	56335.82	56334.06250	56334.14822	56333.30859	503381.7	5410706.7
L3380.0	503381.7	5410708.1	39286.60156	295.71	0	48.849334	-86.953904	56330.10	56243.8	6.20	56336.30	56334.51953	56334.47910	56333.60938	503381.7	5410708.1
L3380.0	503381.7	5410708.1	39286.69922	295.24	0	48.849334	-86.953904	56329.82	56243.8	6.20	56336.03	56334.23047	56334.29509	56333.39453	503381.7	5410708.1
L3380.0	503381.7	5410710.2	39286.80078	295.43	0	48.849352	-86.953904	56330.18	56243.8	6.20	56336.38	56334.55859	56334.53286	56333.60547	503381.7	5410710.2
L3380.0	503381.7	5410710.2	39286.89844	294.32	0	48.849352	-86.953904	56330.23	56243.8	6.20	56336.43	56334.58984	56334.57130	56333.61328	503381.7	5410710.2
L3380.0	503381.8	5410712.3	39287.00000	292.77	0	48.849371	-86.953904	56330.58	56243.8	6.20	56336.78	56334.91797	56334.80760	56333.82422	503381.8	5410712.3
L3380.0	503381.8	5410713.7	39287.10156	294.04	0	48.849384	-86.953903	56330.64	56243.8	6.20	56336.84	56334.95703	56334.86070	56333.84766	503381.8	5410713.7
L3380.0	503381.8	5410715.2	39287.19922	294.94	0	48.849397	-86.953903	56330.84	56243.8	6.20	56337.04	56335.13672	56335.00759	56333.96875	503381.8	5410715.2
L3380.0	503381.8	5410715.2	39287.30078	292.88	0	48.849397	-86.953903	56330.79	56243.8	6.20	56336.99	56335.06641	56335.00533	56333.93750	503381.8	5410715.2
L3380.0	503381.8	5410718.8	39287.39844	294.20	0	48.849429	-86.953903	56330.99	56243.8	6.20	56337.20	56335.25781	56335.16912	56334.07422	503381.8	5410718.8
L3380.0	503381.8	5410718.8	39287.50000	294.86	0	48.849429	-86.953903	56331.34	56243.8	6.21	56337.55	56335.58594	56335.42095	56334.30078	503381.8	5410718.8
L3380.0	503381.8	5410720.8	39287.60156	294.66	0	48.849447	-86.953902	56331.38	56243.8	6.21	56337.58	56335.59766	56335.48558	56334.33984	503381.8	5410720.8
L3380.0	503381.8	5410720.8	39287.69922	296.93	0	48.849447	-86.953902	56331.61	56243.8	6.21	56337.81	56335.80859	56335.67289	56334.50000	503381.8	5410720.8
L3380.0	503381.9	5410722.3	39287.80078	296.02	0	48.849461	-86.953902	56331.66	56243.8	6.21	56337.87	56335.84766	56335.76343	56334.56250	503381.9	5410722.3
L3380.0	503381.9	5410724.0	39287.89844	292.95	0	48.849476	-86.953902	56332.15	56243.8	6.21	56338.36	56336.32031	56336.10415	56334.87891	503381.9	5410724.0
L3380.0	503381.9	5410724.0	39288.00000	292.64	0	48.849476	-86.953902	56332.52	56243.8	6.21	56338.73	56336.67188	56336.37348	56335.12109	503381.9	5410724.0
L3380.0	503381.9	5410725.9	39288.10156	292.78	0	48.849494	-86.953902	56333.01	56243.8	6.21	56339.21	56337.13281	56336.70140	56335.42578	503381.9	5410725.9
L3380.0	503381.9	5410727.4	39288.19922	293.90	0	48.849507	-86.953902	56333.04	56243.8	6.20	56339.24	56337.14453	56336.77103	56335.47266	503381.9	5410727.4
L3380.0	503381.9	5410727.4	39288.30078	293.48	0	48.849507	-86.953902	56332.98	56243.8	6.20	56339.17	56337.05469	56336.78272	56335.45703	503381.9	5410727.4
L3380.0	503381.9	5410729.0	39288.39844	293.21	0	48.849521	-86.953902	56333.19	56243.8	6.19	56339.38	56337.25000	56336.94505	56335.59766	503381.9	5410729.0
L3380.0	503381.9	5410730.7	39288.50000	294.89	0	48.849536	-86.953902	56333.09	56243.8	6.19	56339.28	56337.13281	56336.93435	56335.56250	503381.9	5410730.7
L3380.0	503381.9	5410730.7	39288.60156	294.79	0	48.849536	-86.953902	56333.49	56243.8	6.19	56339.67	56337.50391	56337.18028	56335.78516	503381.9	5410730.7
L3380.0	503381.9	5410732.6	39288.69922	295.89	0	48.849553	-86.953902	56333.50	56243.8	6.18	56339.68	56337.49609	56337.21789	56335.79688	503381.9	5410732.6
L3380.0	503381.9	5410733.8	39288.80078	293.81	0	48.849564	-86.953902	56333.86	56243.8	6.18	56340.03	56337.82813	56337.42275	56335.98047	503381.9	5410733.8
L3380.0	503381.9	5410735.7	39288.89844	294.05	0	48.849581	-86.953902	56333.83	56243.8	6.17	56340.00	56337.78125	56337.42771	56335.96094	503381.9	5410735.7
L3380.0	503381.8	5410737.2	39289.00000	294.31	0	48.849595	-86.953902	56334.33	56243.8	6.17	56340.50	56338.26563	56337.68093	56336.19531	503381.8	5410737.2
L3380.0	503381.8	5410738.4	39289.10156	294.21	0	48.849606	-86.953903	56334.34	56243.8	6.17	56340.51	56338.26172	56337.68884	56336.17969	503381.8	5410738.4
L3380.0	503381.8	5410738.4	39289.19922	294.15	0	48.849606	-86.953903	56334.41	56243.8	6.17	56340.59	56338.32422	56337.72385	56336.19141	503381.8	5410738.4
L3380.0	503381.8	5410740.1	39289.30078	292.39	0	48.849621	-86.953903	56334.42	56243.8	6.18	56340.59	56338.30859	56337.72154	56336.16797	503381.8	5410740.1
L3380.0	503381.8	5410740.1	39289.39844	292.54	0	48.849621	-86.953903	56334.59	56243.8	6.18	56340.77	56338.47266	56337.79217	56336.21875	503381.8	5410740.1
L3380.0	503381.8	5410742.3	39289.50000	294.27	0	48.849640	-86.953903	56334.95	56243.8	6.18	56341.13	56338.81641	56337.92654	56336.33203	503381.8	5410742.3
L3380.0	503381.7	5410743.7	39289.60156	293.37	0	48.849653	-86.953904	56335.02	56243.8	6.18	56341.21	56338.88281	56337.95397	56336.33984	503381.7	5410743.7
L3380.0	503381.7	5410745.7	39289.69922	291.83	0	48.849672	-86.953904	56335.13	56243.8	6.18	56341.31	56338.96875	56337.99369	56336.35938	503381.7	5410745.7
L3380.0	503381.7	5410745.7	39289.80078	290.65	0	48.849672	-86.953904	56335.08	56243.8	6.19	56341.26	56338.90625	56337.99412	56336.33984	503381.7	5410745.7
L3380.0	503381.7	5410747.5	39289.89844	291.74	0	48.849687	-86.953904	56335.56	56243.8	6.19	56341.75	56339.38281	56338.16287	56336.49219	503381.7	5410747.5
L3380.0	503381.7	5410747.5	39290.00000	291.01	0	48.849687	-86.953904	56335.66	56243.8	6.19	56341.85	56339.46875	56338.22285	56336.53125	503381.7	5410747.5

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L3380.0	503381.6	5410749.6	39290.10156	291.58	0	48.849706	-86.953905	56336.00	56243.8	6.19	56342.19	56339.79297	56338.35481	56336.64453	503381.6	5410749.6
L3380.0	503381.6	5410751.0	39290.19922	288.10	0	48.849719	-86.953905	56335.99	56243.8	6.19	56342.18	56339.77344	56338.41064	56336.68359	503381.6	5410751.0
L3380.0	503381.6	5410751.0	39290.30078	289.14	0	48.849719	-86.953905	56336.25	56243.8	6.19	56342.44	56340.01953	56338.54373	56336.79688	503381.6	5410751.0
L3380.0	503381.6	5410753.1	39290.39844	290.56	0	48.849738	-86.953906	56336.58	56243.8	6.19	56342.77	56340.33594	56338.70395	56336.94141	503381.6	5410753.1
L3380.0	503381.6	5410753.1	39290.50000	289.66	0	48.849738	-86.953906	56336.79	56243.8	6.19	56342.97	56340.52344	56338.85009	56337.07031	503381.6	5410753.1
L3380.0	503381.6	5410754.8	39290.60156	290.37	0	48.849753	-86.953906	56336.73	56243.8	6.18	56342.91	56340.45313	56338.95738	56337.16016	503381.6	5410754.8
L3380.0	503381.5	5410756.3	39290.69922	291.93	0	48.849767	-86.953906	56336.64	56243.8	6.18	56342.82	56340.35156	56339.07322	56337.26172	503381.5	5410756.3
L3380.0	503381.5	5410757.8	39290.80078	288.75	0	48.849780	-86.953907	56337.02	56243.8	6.18	56343.20	56340.72266	56339.30370	56337.47656	503381.5	5410757.8
L3380.0	503381.5	5410757.8	39290.89844	290.95	0	48.849780	-86.953907	56337.07	56243.8	6.18	56343.25	56340.76172	56339.47729	56337.63281	503381.5	5410757.8
L3380.0	503381.5	5410760.3	39291.00000	291.52	0	48.849803	-86.953907	56336.94	56243.8	6.18	56343.12	56340.62109	56339.61952	56337.76172	503381.5	5410760.3
L3380.0	503381.4	5410761.6	39291.10156	289.87	0	48.849815	-86.953908	56337.07	56243.8	6.18	56343.24	56340.73047	56339.82987	56337.95703	503381.4	5410761.6
L3380.0	503381.4	5410762.9	39291.19922	291.47	0	48.849826	-86.953908	56337.32	56243.8	6.18	56343.50	56340.98047	56340.08772	56338.19922	503381.4	5410762.9
L3380.0	503381.4	5410762.9	39291.30078	293.72	0	48.849826	-86.953908	56337.47	56243.8	6.17	56343.65	56341.12109	56340.32670	56338.42578	503381.4	5410762.9
L3380.0	503381.4	5410764.5	39291.39844	291.69	0	48.849840	-86.953908	56337.53	56243.8	6.17	56343.70	56341.16406	56340.54167	56338.62500	503381.4	5410764.5
L3380.0	503381.4	5410766.5	39291.50000	293.43	0	48.849858	-86.953908	56337.55	56243.8	6.17	56343.72	56341.17578	56340.74760	56338.82031	503381.4	5410766.5
L3380.0	503381.4	5410766.5	39291.60156	293.09	0	48.849858	-86.953908	56337.68	56243.8	6.17	56343.85	56341.29688	56340.98941	56339.04688	503381.4	5410766.5
L3380.0	503381.4	5410768.0	39291.69922	290.87	0	48.849872	-86.953908	56337.91	56243.8	6.17	56344.08	56341.51953	56341.26833	56339.31641	503381.4	5410768.0
L3380.0	503381.4	5410770.0	39291.80078	291.77	0	48.849890	-86.953909	56338.19	56243.8	6.16	56344.35	56341.78125	56341.56458	56339.59766	503381.4	5410770.0
L3380.0	503381.4	5410771.4	39291.89844	294.91	0	48.849903	-86.953909	56338.49	56243.8	6.16	56344.65	56342.07422	56341.87377	56339.89844	503381.4	5410771.4
L3380.0	503381.4	5410771.4	39292.00000	295.18	0	48.849903	-86.953909	56338.52	56243.8	6.16	56344.68	56342.09766	56342.06182	56340.07422	503381.4	5410771.4
L3380.0	503381.4	5410773.5	39292.10156	293.92	0	48.849921	-86.953908	56338.42	56243.8	6.16	56344.58	56341.99219	56342.17570	56340.17578	503381.4	5410773.5
L3380.0	503381.4	5410773.5	39292.19922	294.37	0	48.849921	-86.953908	56338.68	56243.8	6.16	56344.84	56342.24609	56342.44245	56340.43359	503381.4	5410773.5
L3380.0	503381.4	5410775.2	39292.30078	293.82	0	48.849937	-86.953908	56338.72	56243.8	6.16	56344.88	56342.28125	56342.59304	56340.57422	503381.4	5410775.2
L3380.0	503381.4	5410776.7	39292.39844	293.07	0	48.849951	-86.953908	56338.86	56243.8	6.16	56345.02	56342.41406	56342.77978	56340.75391	503381.4	5410776.7
L3380.0	503381.4	5410778.3	39292.50000	296.16	0	48.849964	-86.953908	56339.00	56243.8	6.16	56345.16	56342.55078	56342.95505	56340.91797	503381.4	5410778.3
L3380.0	503381.4	5410778.3	39292.60156	295.50	0	48.849964	-86.953908	56338.93	56243.8	6.16	56345.09	56342.47656	56343.01019	56340.96484	503381.4	5410778.3
L3380.0	503381.4	5410780.0	39292.69922	296.19	0	48.849980	-86.953908	56339.00	56243.8	6.16	56345.16	56342.54297	56343.12573	56341.07422	503381.4	5410780.0
L3380.0	503381.4	5410781.8	39292.80078	295.96	0	48.849996	-86.953908	56339.19	56243.8	6.16	56345.35	56342.73047	56343.29393	56341.23438	503381.4	5410781.8
L3380.0	503381.4	5410781.8	39292.89844	295.34	0	48.849996	-86.953908	56339.29	56243.8	6.16	56345.45	56342.82422	56343.40528	56341.33594	503381.4	5410781.8
L3380.0	503381.4	5410783.3	39293.00000	294.03	0	48.850010	-86.953907	56339.16	56243.8	6.16	56345.32	56342.69141	56343.38636	56341.31250	503381.4	5410783.3
L3380.0	503381.5	5410785.1	39293.10156	294.26	0	48.850026	-86.953907	56339.56	56243.8	6.16	56345.72	56343.08984	56343.63395	56341.55469	503381.5	5410785.1
L3380.0	503381.5	5410786.9	39293.19922	292.75	0	48.850042	-86.953907	56339.52	56243.8	6.16	56345.68	56343.04688	56343.64274	56341.55469	503381.5	5410786.9
L3380.0	503381.5	5410786.9	39293.30078	293.34	0	48.850042	-86.953907	56339.67	56243.8	6.16	56345.83	56343.19531	56343.73994	56341.64844	503381.5	5410786.9
L3380.0	503381.5	5410788.7	39293.39844	292.40	0	48.850058	-86.953907	56339.90	56243.8	6.16	56346.05	56343.41406	56343.86221	56341.76563	503381.5	5410788.7
L3380.0	503381.5	5410790.1	39293.50000	291.03	0	48.850071	-86.953906	56340.08	56243.8	6.15	56346.23	56343.59375	56343.95449	56341.85156	503381.5	5410790.1
L3380.0	503381.5	5410790.1	39293.60156	291.58	0	48.850071	-86.953906	56340.06	56243.8	6.15	56346.21	56343.57031	56343.94450	56341.83984	503381.5	5410790.1
L3380.0	503381.5	5410792.0	39293.69922	294.26	0	48.850088	-86.953906	56339.90	56243.8	6.15	56346.05	56343.41016	56343.86916	56341.75781	503381.5	5410792.0
L3380.0	503381.5	5410792.0	39293.80078	293.23	0	48.850088	-86.953906	56339.90	56243.8	6.15	56346.05	56343.41016	56343.86843	56341.75391	503381.5	5410792.0
L3380.0	503381.5	5410794.1	39293.89844	293.26	0	48.850107	-86.953906	56340.13	56243.8	6.15	56346.28	56343.64063	56343.96678	56341.85156	503381.5	5410794.1
L3380.0	503381.5	5410795.4	39294.00000	294.50	0	48.850118	-86.953906	56340.11	56243.8	6.15	56346.26	56343.62109	56343.95984	56341.83984	503381.5	5410795.4
L3380.0	503381.6	5410797.4	39294.10156	293.67	0	48.850136	-86.953906	56339.92	56243.8	6.15	56346.07	56343.42969	56343.89177	56341.76953	503381.6	5410797.4
L3380.0	503381.6	5410797.4	39294.19922	294.83	0	48.850136	-86.953906	56340.13	56243.8	6.15	56346.28	56343.64063	56343.98633	56341.86328	503381.6	5410797.4
L3380.0	503381.6	5410798.7	39294.30078	294.11	0	48.850148	-86.953905	56340.34	56243.8	6.15	56346.49	56343.85547	56344.08185	56341.95703	503381.6	5410798.7
L3380.0	503381.6	5410800.5	39294.39844	293.48	0	48.850164	-86.953905	56340.38	56243.8	6.15	56346.54	56343.90625	56344.12274	56341.99609	503381.6	5410800.5
L3380.0	503381.6	5410801.8	39294.50000	290.79	0	48.850176	-86.953905	56340.34	56243.8	6.15	56346.49	56343.85938	56344.13597	56342.01172	503381.6	5410801.8
L3380.0	503381.6	5410801.8	39294.60156	291.82	0	48.850176	-86.953905	56340.56	56243.8	6.16	56346.72	56344.08984	56344.25191	56342.12500	503381.6	5410801.8
L3380.0	503381.6	5410803.4	39294.69922	291.00	0	48.850190	-86.953905	56340.69	56243.8	6.16	56346.85	56344.22266	56344.33888	56342.21484	503381.6	5410803.4
L3380.0	503381.6	5410805.4	39294.80078	289.48	0	48.850208	-86.953905	56340.77	56243.8	6.16	56346.92	56344.29688	56344.41259	56342.28906	503381.6	5410805.4
L3380.0	503381.6	5410805.4	39294.89844	290.39	0	48.850208	-86.953905	56340.95	56243.8	6.16	56347.11	56344.48828	56344.53256	56342.41016	503381.6	5410805.4
L3380.0	503381.6	5410807.3	39295.00000	289.85	0	48.850225	-86.953904	56340.82	56243.8	6.16	56346.98	56344.36328	56344.55634	56342.43359	503381.6	5410807.3
L3380.0	503381.7	5410809.2	39295.10156	292.06	0	48.850242	-86.953904	56340.69	56243.8	6.16	56346.85	56344.23438	56344.58726	56342.46484	503381.7	5410809.2
L3380.0	503381.7	5410809.2	39295.19922	293.66	0	48.850242	-86.953904	56340.74	56243.8	6.16	56346.90	56344.28906	56344.68393	56342.56641	503381.7	5410809.2
L3380.0	503381.7	5410811.0	39295.30078	293.55	0	48.850259	-86.953904	56341.00	56243.8	6.16	56347.16	56344.55469	56344.85905	56342.74219	503381.7	5410811.0
L3380.0	503381.7	5410812.8	39295.39844	291.47	0	48.850275	-86.953903	56340.92	56243.8	6.16	56347.07	56344.46875	56344.92271	56342.80859	503381.7	5410812.8
L3380.0	503381.7	5410812.8	39295.50000	294.00	0	48.850275	-86.953903	56341.15	56243.8	6.15	56347.30	56344.70313	56345.10574	56342.99609	503381.7	5410812.8
L3380.0	503381.7	5410814.5	39295.60156	292.29	0	48.850290	-86.953903	56341.20	56243.8	6.15	56347.36	56344.76953	56345.23591	56343.12891	503381.7	5410814.5
L3380.0	503381.8	5410815.8	39295.69922	291.55	0	48.850302	-86.953903	56341.07	56243.8	6.15	56347.23	56344.64453	56345.29734	56343.19531	503381.8	5410815.8
L3380.0	503381.8	5410817.6	39295.80078	292.34	0	48.850318	-86.953903	56340.94	56243.8	6.15	56347.09	56344.51172	56345.35279	56343.25391	503381.8	5410817.6
L3380.0	503381.8	5410817.6	39295.89844	295.29	0	48.850318	-86.953903	56341.13	56243.8	6.15	56347.28	56344.70703	56345.54667	56343.45313	503381.8	5410817.6
L3380.0	503381.8	5410819.1	39296.00000	293.72	0	48.850331	-86.953902	56341.18	56243.8	6.15	56347.33	56344.76172	56345.68458	56343.59766	503381.8	5410819.1
L3380.0	503381.8	5410820.6	39296.10156	298.02	0	48.850345	-86.953902	56341.30	56243.8	6.15	56347.45	56344.89063	56345.85602	56343.77344	503381.8	5410820.6
L3380.0	503381.8	5410822.1	39296.19922	296.79	0	48.850359	-86.953902	56341.20	56243.8	6.15	56347.36	56344.80469	56345.92541	56343.84766	503381.8	5410822.1
L3380.0	503381.8	5410822.1	39296.30078	294.54	0	48.850359	-86.953902	56341.36	56243.8	6.16	56347.51	56344.96484	56346.11164	56344.03906	503381.8	5410822.1
L3380.0	503381.8	5410823.7	39296.39844	295.89	0	48.850373	-86.953902	56341.36	56243.8	6.16	56347.52	56344.98047	56346.22479	56344.16016	503381.8	5410823.7
L3380.0	503381.8	5410825.5	39296.50000	294.04	0	48.850389	-86.953902	56341.43	56243.8	6.16	56347.59	56345.05859	56346.36672	56344.30859	503381.8	5410825.5
L3380.0	503381.8	5410827.2	39296.60156	293.33	0	48.850405	-86.953902	56341.50	56243.8	6.16	56347.67	56345.14453	56346.51049	56344.45703	503381.8	5410827.2
L3380.0	503381.8	5410827.2	39296.69922	296.18	0	48.850405	-86.953902	56341.59	56243.8	6.16	56347.75	56345.23438	56346.64963	56344.60547	503381.8	5410827.2
L3380.0	503381.8	5410827.2	39296.80078	296.08	0	48.850405	-86.953902	56341.74	56243.8	6.17	56347.90	56345.39063	56346.82665	56344.78906	503381.8	5410827.2
L3380.0	503381.8	5410829.5	39296.89844	295.03	0	48.850425	-86.953903	56341.61	56243.8	6.17	56347.78	56345.28125	56346.82949	56344.80078	503381.8	5410829.5
L3380.0	503381.7	5410830.9	39297.00000	294.46	0	48.850438	-86.953903	56341.79	56243.8	6.17	56347.96	56345.46875	56347.01114	56344.98828	503381.7	5410830.9
L3380.0	503381.7	5410833.0	39297.10156	294.23	0	48.850457	-86.953903	56341.66	56243.8	6.17	56347.83	56345.34766	56346.98470	56344.96875	503381.7	5410833.0
L3380.0	503381.7	5410833.0	39297.19922	295.75	0	48.850457	-86.953903	56341.71	56243.8	6.17	56347.89	56345.41797	56347.06975	56345.06250	503381.7	5410833.0
L3380.0	503381.7	5410834.6	39297.30078	294.58	0	48.850471	-86.953904	56341.84	56243.8	6.17	56348.01	56345.54688	56347.18329	56345.18750	503381.7	5410834.6
L3380.0	503381.6	5410836.2	39297.39844	295.07	0	48.850485	-86.953904	56342.02	56243.8	6.17	56348.19	56345.73438	56347.32427	56345.33594	503381.6	5410836.2
L3380.0	503381.6	5410836.2	39297.50000	295.87	0	48.850485	-86.953904	56341.96	56243.8	6.18	56348.14	56345.69531	56347.30896	56345.32813	503381.6	5410836.2
L3380.0	503381.6	5410838.2	39297.60156	294.97	0	48.850503	-86.953905	56342.06	56243.8	6.18	56348.24	56345.80469	56347.38080	56345.41016	503381.6	5410838.2
L3380.0	503381.6	5410838.2	39297.69922	294.56	0	48.850503	-86.953905	56342.20	56243.8	6.18	56348.38	56345.95703	56347.46867	56345.50781	503381.6	5410838.2
L3380.0	503381.5	5410841.2	39297.80078	294.58	0	48.850531	-86.953906	56342.38	56243.8	6.18	56348.56	56346.14453	56347.57117	56345.62109	503381.5	5410841.2
L3380.0	503381.5	5410841.2	39297.89844	295.99	0	48.850531	-86.953906	56342.68	56243.8	6.18	56348.86	56346.45703	56347.72854	56345.78516	503381.5	5410841.2
L3380.0	503381.5	5410842.8	39298.00000	295.40	0	48.850544	-86.953906	56342.94	56243.8	6.18	56349.12	56346.72656	56347.85081	56345.91797	503381.5	5410842.8
L3380.0	503381.5	5410844.5	39298.10156	296.55	0	48.850560	-86.953906	56343.04	56243.8	6.18	56349.22	56346.83594	56347.88709	56345.96484	503381.5	5410844.5
L3380.0	503381.5	5410846.1	39298.19922	296.32	0	48.850574	-86.953906	56342.86	56243.8	6.18	56349.04	56346.66797	56347.80409	56345.89453	503381.5	5410846.1
L3380.0	503381.5	5410846.1	39298.30078	292.41	0	48.850574	-86.953906	56343.02	56243.8	6.18	56349.20	56346.83984	56347.87592	56345.97656	503381.5	5410846.1
L3380.0	503381.5	5410847.7	39298.39844	293.13	0	48.850589	-86.953907	56343.50	56243.8	6.18	56349.68	56347.32813	56348.06019	56346.17188	503381.5	5410847.7
L3380.0	503381.5	5410847.7	39298.50000	292.97	0	48.850589	-86.953907	56343.65	56243.8	6.18	56349.83	56347.49219	56348.11653	56346.23828	503381.5	5410847.7
L3380.0	503381.5	5410849.2	39298.60156	290.31	0	48.850603	-86.953907	56343.60	56243.8	6.18	56349.78	56347.45313	56348.11840	56346.25000	503381.5	5410849.2
L3380.0	503381.5	5410851.3	39298.69922	289.34	0	48.850621	-86.953907	56343.55	56243.8	6.18	56349.73	56347.41406	56348.13768	56346.28125	503381.5	5410851.3
L3380.0	503381.4	5410853.1	39298.80078	291.21	0	48.850638	-86.953907	56343.66	56243.8	6.18	56349.84	56347.53516	56348.21045	56346.36328	503381.4	5410853.1
L3380.0	503381.4	5410853.1	39298.89844	287.97	0	48.850638	-86.953907	56343.73	56243.8	6.18	56349.91	56347.61719	56348.28488	56346.44922	503381.4	5410853.1
L3380.0	503381.4	5410854.8	39299.00000	289.58	0	48.850652	-86.953907	56343.57	56243.8	6.18	56349.75	56347.46875	56348.33308	56346.50781	503381.4	5410854.8
L3380.0	503381.4	5410856.4	39299.10156	289.15	0	48.850667	-86.953907	56343.78	56243.8	6.18	56349.95	56347.67969	56348.45813	56346.64453	503381.4	5410856.4
L3380.0	503381.4	5410857.7	39299.19922	288.66	0	48.850679	-86.953907	56344.04	56243.8	6.17	56350.21	56347.95313	56348.60005	56346.80078	503381.4	5410857.7
L3380.0	503381.4	5410857.7	39299.30078	291.16	0	48.850679	-86.953907	56344.06	56243.8	6.17	56350.23	56347.98438	56348.72271	56346.93359	503381.4	5410857.7

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L3380.0	503381.4	5410859.5	39299.39844	290.63	0	48.850695	-86.953907	56344.24	56243.8	6.16	56350.40	56348.16797	56348.87761	56347.10156	503381.4	5410859.5
L3380.0	503381.4	5410861.8	39299.50000	290.27	0	48.850716	-86.953907	56344.70	56243.8	6.16	56350.85	56348.62891	56349.07626	56347.31250	503381.4	5410861.8
L3380.0	503381.4	5410861.8	39299.60156	289.07	0	48.850716	-86.953907	56344.60	56243.8	6.16	56350.75	56348.54297	56349.22557	56347.47266	503381.4	5410861.8
L3380.0	503381.4	5410863.2	39299.69922	290.53	0	48.850728	-86.953907	56344.88	56243.8	6.15	56351.03	56348.83594	56349.42970	56347.68750	503381.4	5410863.2
L3380.0	503381.4	5410864.7	39299.80078	289.36	0	48.850742	-86.953907	56345.03	56243.9	6.15	56351.18	56349.00000	56349.62962	56347.89844	503381.4	5410864.7
L3380.0	503381.4	5410866.9	39299.89844	290.41	0	48.850761	-86.953908	56344.93	56243.9	6.14	56351.07	56348.90234	56349.79904	56348.08203	503381.4	5410866.9
L3380.0	503381.4	5410866.9	39300.00000	290.81	0	48.850761	-86.953908	56345.23	56243.9	6.14	56351.37	56349.21484	56350.03475	56348.32813	503381.4	5410866.9
L3380.0	503381.4	5410869.0	39300.10156	290.47	0	48.850781	-86.953908	56345.72	56243.9	6.14	56351.86	56349.71875	56350.31669	56348.62500	503381.4	5410869.0
L3380.0	503381.4	5410869.0	39300.19922	293.55	0	48.850781	-86.953908	56346.02	56243.9	6.14	56352.16	56350.03125	56350.57539	56348.89453	503381.4	5410869.0
L3380.0	503381.4	5410870.7	39300.30078	293.58	0	48.850796	-86.953908	56345.87	56243.9	6.14	56352.01	56349.89453	56350.73602	56349.06641	503381.4	5410870.7
L3380.0	503381.4	5410872.4	39300.39844	293.49	0	48.850811	-86.953907	56346.10	56243.9	6.14	56352.24	56350.13672	56350.98003	56349.32422	503381.4	5410872.4
L3380.0	503381.4	5410872.4	39300.50000	293.25	0	48.850811	-86.953907	56346.20	56243.9	6.14	56352.34	56350.25000	56351.18943	56349.54688	503381.4	5410872.4
L3380.0	503381.4	5410873.9	39300.60156	293.45	0	48.850825	-86.953907	56346.28	56243.9	6.14	56352.42	56350.34375	56351.38877	56349.75781	503381.4	5410873.9
L3380.0	503381.4	5410876.0	39300.69922	290.95	0	48.850844	-86.953907	56346.86	56243.9	6.14	56353.00	56350.93750	56351.74043	56350.12109	503381.4	5410876.0
L3380.0	503381.4	5410876.0	39300.80078	292.06	0	48.850844	-86.953907	56347.31	56243.9	6.14	56353.45	56351.40234	56352.06095	56350.45313	503381.4	5410876.0
L3380.0	503381.4	5410877.5	39300.89844	294.86	0	48.850857	-86.953907	56347.42	56243.9	6.14	56353.56	56351.52344	56352.26929	56350.67188	503381.4	5410877.5
L3380.0	503381.4	5410879.3	39301.00000	293.42	0	48.850873	-86.953907	56347.23	56243.9	6.14	56353.37	56351.34766	56352.36365	56350.78125	503381.4	5410879.3
L3380.0	503381.4	5410879.3	39301.10156	293.19	0	48.850873	-86.953907	56347.71	56243.9	6.14	56353.85	56351.83984	56352.69742	56351.12500	503381.4	5410879.3
L3380.0	503381.4	5410881.2	39301.19922	292.78	0	48.850890	-86.953907	56347.93	56243.9	6.14	56354.07	56352.07422	56352.93473	56351.37500	503381.4	5410881.2
L3380.0	503381.4	5410882.7	39301.30078	292.26	0	48.850904	-86.953907	56347.94	56243.9	6.14	56354.08	56352.09766	56353.08620	56351.53906	503381.4	5410882.7
L3380.0	503381.4	5410884.2	39301.39844	292.27	0	48.850918	-86.953907	56347.91	56243.9	6.14	56354.05	56352.08203	56353.21599	56351.67969	503381.4	5410884.2
L3380.0	503381.4	5410884.2	39301.50000	293.90	0	48.850918	-86.953907	56348.07	56243.9	6.14	56354.21	56352.25781	56353.41941	56351.89453	503381.4	5410884.2
L3380.0	503381.4	5410886.0	39301.60156	292.33	0	48.850933	-86.953907	56348.25	56243.9	6.14	56354.39	56352.44922	56353.62979	56352.11719	503381.4	5410886.0
L3380.0	503381.4	5410887.2	39301.69922	294.28	0	48.850944	-86.953907	56348.55	56243.9	6.14	56354.69	56352.76563	56353.88930	56352.39063	503381.4	5410887.2
L3380.0	503381.4	5410889.0	39301.80078	292.81	0	48.850960	-86.953907	56348.91	56243.9	6.14	56355.05	56353.13672	56354.17294	56352.68359	503381.4	5410889.0
L3380.0	503381.4	5410889.0	39301.89844	291.85	0	48.850960	-86.953907	56349.27	56243.9	6.14	56355.41	56353.51172	56354.45564	56352.98047	503381.4	5410889.0
L3380.0	503381.4	5410891.3	39302.00000	293.39	0	48.850981	-86.953906	56349.37	56243.9	6.14	56355.51	56353.62500	56354.63289	56353.16797	503381.4	5410891.3
L3380.0	503381.4	5410891.3	39302.10156	294.01	0	48.850981	-86.953906	56349.60	56243.9	6.14	56355.73	56353.85938	56354.86277	56353.41016	503381.4	5410891.3
L3380.0	503381.5	5410892.5	39302.19922	292.02	0	48.850992	-86.953906	56349.86	56243.9	6.13	56355.99	56354.13281	56355.11480	56353.67188	503381.5	5410892.5
L3380.0	503381.5	5410894.0	39302.30078	292.03	0	48.851006	-86.953906	56350.28	56243.9	6.13	56356.41	56354.57031	56355.44218	56354.01172	503381.5	5410894.0
L3380.0	503381.5	5410895.3	39302.39844	293.24	0	48.851017	-86.953906	56350.54	56243.9	6.12	56356.66	56354.83203	56355.71380	56354.29688	503381.5	5410895.3
L3380.0	503381.5	5410895.3	39302.50000	294.28	0	48.851017	-86.953906	56350.82	56243.9	6.11	56356.94	56355.12500	56356.01096	56354.60547	503381.5	5410895.3
L3380.0	503381.5	5410896.9	39302.60156	294.59	0	48.851031	-86.953906	56350.97	56243.9	6.11	56357.08	56355.28125	56356.25763	56354.86328	503381.5	5410896.9
L3380.0	503381.5	5410898.7	39302.69922	294.68	0	48.851048	-86.953906	56351.21	56243.9	6.10	56357.31	56355.52344	56356.55381	56355.16797	503381.5	5410898.7
L3380.0	503381.5	5410900.5	39302.80078	291.77	0	48.851064	-86.953905	56351.46	56243.9	6.10	56357.56	56355.78906	56356.86800	56355.49219	503381.5	5410900.5
L3380.0	503381.5	5410900.5	39302.89844	292.99	0	48.851064	-86.953905	56351.82	56243.9	6.09	56357.91	56356.15234	56357.24622	56355.88281	503381.5	5410900.5
L3380.0	503381.5	5410902.3	39303.00000	291.72	0	48.851080	-86.953905	56351.84	56243.9	6.09	56357.93	56356.18750	56357.43162	56356.07813	503381.5	5410902.3
L3380.0	503381.6	5410904.0	39303.10156	290.05	0	48.851096	-86.953905	56352.25	56243.9	6.09	56358.34	56356.61328	56357.85717	56356.51563	503381.6	5410904.0
L3380.0	503381.6	5410905.5	39303.19922	292.06	0	48.851109	-86.953905	56352.68	56243.9	6.09	56358.78	56357.06641	56358.31706	56356.98828	503381.6	5410905.5
L3380.0	503381.6	5410905.5	39303.30078	291.78	0	48.851109	-86.953905	56353.04	56243.9	6.09	56359.14	56357.44141	56358.62216	56357.30078	503381.6	5410905.5
L3380.0	503381.6	5410907.6	39303.39844	292.78	0	48.851127	-86.953904	56353.24	56243.9	6.09	56359.34	56357.65234	56359.04087	56357.73047	503381.6	5410907.6
L3380.0	503381.6	5410907.6	39303.50000	295.27	0	48.851127	-86.953904	56353.58	56243.9	6.09	56359.67	56357.99609	56359.38201	56358.08203	503381.6	5410907.6
L3380.0	503381.6	5410909.7	39303.60156	302.61	0	48.851146	-86.953904	56353.89	56243.9	6.10	56359.98	56358.32031	56359.72770	56358.43750	503381.6	5410909.7
L3380.0	503381.6	5410911.1	39303.69922	303.79	0	48.851159	-86.953904	56354.06	56243.9	6.10	56360.16	56358.51563	56360.03197	56358.75391	503381.6	5410911.1
L3380.0	503381.6	5410911.1	39303.80078	304.51	0	48.851159	-86.953904	56354.42	56243.9	6.10	56360.52	56358.89063	56360.38028	56359.11328	503381.6	5410911.1
L3380.0	503381.6	5410912.7	39303.89844	304.43	0	48.851174	-86.953904	56354.76	56243.9	6.10	56360.86	56359.24609	56360.72300	56359.46484	503381.6	5410912.7
L3380.0	503381.6	5410914.4	39304.00000	302.89	0	48.851189	-86.953904	56354.98	56243.9	6.10	56361.08	56359.47656	56360.97954	56359.73047	503381.6	5410914.4
L3380.0	503381.6	5410915.9	39304.10156	302.58	0	48.851202	-86.953904	56355.11	56243.9	6.10	56361.21	56359.62109	56361.18004	56359.94141	503381.6	5410915.9
L3380.0	503381.6	5410915.9	39304.19922	302.82	0	48.851202	-86.953904	56355.72	56243.9	6.10	56361.82	56360.24609	56361.65301	56360.42578	503381.6	5410915.9
L3380.0	503381.6	5410917.9	39304.30078	303.16	0	48.851220	-86.953904	56356.11	56243.9	6.10	56362.20	56360.64063	56361.95937	56360.74219	503381.6	5410917.9
L3380.0	503381.6	5410919.6	39304.39844	293.89	0	48.851236	-86.953904	56356.26	56243.9	6.10	56362.35	56360.80469	56362.13027	56360.92188	503381.6	5410919.6
L3380.0	503381.6	5410919.6	39304.50000	293.01	0	48.851236	-86.953904	56356.38	56243.9	6.10	56362.48	56360.94922	56362.31769	56361.11719	503381.6	5410919.6
L3380.0	503381.6	5410921.5	39304.60156	291.52	0	48.851253	-86.953904	56356.70	56243.9	6.09	56362.79	56361.27344	56362.54843	56361.35938	503381.6	5410921.5
L3380.0	503381.6	5410923.2	39304.69922	292.95	0	48.851268	-86.953904	56357.07	56243.9	6.09	56363.17	56361.66797	56362.74492	56361.56250	503381.6	5410923.2
L3380.0	503381.6	5410923.2	39304.80078	291.94	0	48.851268	-86.953904	56357.25	56243.9	6.09	56363.35	56361.85938	56362.89719	56361.72656	503381.6	5410923.2
L3380.0	503381.6	5410925.2	39304.89844	290.84	0	48.851286	-86.953904	56357.79	56243.9	6.09	56363.88	56362.40234	56363.25595	56362.09375	503381.6	5410925.2
L3380.0	503381.6	5410927.2	39305.00000	292.37	0	48.851304	-86.953903	56358.18	56243.9	6.09	56364.27	56362.80859	56363.49655	56362.34375	503381.6	5410927.2
L3380.0	503381.6	5410927.2	39305.10156	292.82	0	48.851304	-86.953903	56358.58	56243.9	6.09	56364.67	56363.22266	56363.72923	56362.58594	503381.6	5410927.2
L3380.0	503381.6	5410928.9	39305.19922	290.45	0	48.851319	-86.953903	56358.66	56243.9	6.09	56364.75	56363.31641	56363.79967	56362.66406	503381.6	5410928.9
L3380.0	503381.6	5410928.9	39305.30078	291.93	0	48.851319	-86.953903	56358.96	56243.9	6.09	56365.05	56363.62891	56363.99910	56362.87109	503381.6	5410928.9
L3380.0	503381.6	5410930.4	39305.39844	291.44	0	48.851332	-86.953903	56358.96	56243.9	6.09	56365.06	56363.65234	56364.10103	56362.98438	503381.6	5410930.4
L3380.0	503381.6	5410931.8	39305.50000	290.54	0	48.851346	-86.953904	56359.47	56243.9	6.09	56365.57	56364.17578	56364.41051	56363.30078	503381.6	5410931.8
L3380.0	503381.6	5410933.8	39305.60156	289.11	0	48.851363	-86.953904	56359.88	56243.9	6.10	56365.97	56364.58984	56364.68677	56363.58594	503381.6	5410933.8
L3380.0	503381.6	5410933.8	39305.69922	290.40	0	48.851363	-86.953904	56360.29	56243.9	6.10	56366.39	56365.02344	56364.98017	56363.88672	503381.6	5410933.8
L3380.0	503381.6	5410935.5	39305.80078	291.68	0	48.851378	-86.953904	56360.49	56243.9	6.10	56366.59	56365.23438	56365.22414	56364.14063	503381.6	5410935.5
L3380.0	503381.6	5410936.9	39305.89844	289.25	0	48.851391	-86.953904	56360.68	56243.9	6.10	56366.78	56365.44141	56365.48056	56364.40234	503381.6	5410936.9
L3380.0	503381.6	5410936.9	39306.00000	289.39	0	48.851391	-86.953904	56361.08	56243.9	6.10	56367.18	56365.85156	56365.80485	56364.73438	503381.6	5410936.9
L3380.0	503381.6	5410939.1	39306.10156	289.29	0	48.851411	-86.953904	56361.36	56243.9	6.10	56367.47	56366.15625	56366.10764	56365.04688	503381.6	5410939.1
L3380.0	503381.6	5410940.3	39306.19922	289.65	0	48.851422	-86.953904	56361.82	56243.9	6.11	56367.93	56366.62891	56366.46422	56365.41016	503381.6	5410940.3
L3380.0	503381.6	5410940.3	39306.30078	291.53	0	48.851422	-86.953904	56362.11	56243.9	6.11	56368.21	56366.92188	56366.77597	56365.73047	503381.6	5410940.3
L3380.0	503381.6	5410941.7	39306.39844	293.67	0	48.851434	-86.953904	56362.41	56243.9	6.11	56368.52	56367.24609	56367.09865	56366.06250	503381.6	5410941.7
L3380.0	503381.6	5410941.7	39306.50000	294.18	0	48.851434	-86.953904	56362.54	56243.9	6.11	56368.65	56367.38672	56367.36543	56366.33594	503381.6	5410941.7
L3380.0	503381.6	5410943.6	39306.60156	294.82	0	48.851451	-86.953904	56362.97	56243.9	6.12	56369.09	56367.83984	56367.72661	56366.70313	503381.6	5410943.6
L3380.0	503381.6	5410945.3	39306.69922	293.86	0	48.851467	-86.953904	56363.48	56243.9	6.12	56369.60	56368.36328	56368.11100	56367.09766	503381.6	5410945.3
L3380.0	503381.6	5410946.4	39306.80078	293.81	0	48.851477	-86.953904	56363.66	56243.9	6.12	56369.78	56368.55859	56368.38219	56367.37500	503381.6	5410946.4
L3380.0	503381.6	5410946.4	39306.89844	292.56	0	48.851477	-86.953904	56363.89	56243.9	6.13	56370.01	56368.80078	56368.66376	56367.66406	503381.6	5410946.4
L3380.0	503381.6	5410948.4	39307.00000	293.45	0	48.851495	-86.953904	56364.22	56243.9	6.13	56370.35	56369.15234	56368.97772	56367.98438	503381.6	5410948.4
L3380.0	503381.6	5410949.7	39307.10156	293.57	0	48.851506	-86.953904	56364.68	56243.9	6.13	56370.81	56369.62500	56369.32842	56368.34375	503381.6	5410949.7
L3380.0	503381.6	5410951.0	39307.19922	293.11	0	48.851518	-86.953904	56364.61	56243.9	6.13	56370.73	56369.55859	56369.48219	56368.50391	503381.6	5410951.0
L3380.0	503381.6	5410951.0	39307.30078	294.40	0	48.851518	-86.953904	56364.88	56243.9	6.13	56371.01	56369.85156	56369.75835	56368.78516	503381.6	5410951.0
L3380.0	503381.6	5410952.3	39307.39844	293.46	0	48.851530	-86.953904	56365.29	56243.9	6.13	56371.42	56370.27344	56370.07507	56369.10938	503381.6	5410952.3
L3380.0	503381.6	5410953.9	39307.50000	291.43	0	48.851544	-86.953904	56365.70	56243.9	6.13	56371.82	56370.68750	56370.38341	56369.42578	503381.6	5410953.9
L3380.0	503381.6	5410953.9	39307.60156	292.68	0	48.851544	-86.953904	56365.98	56243.9	6.12	56372.10	56370.97656	56370.64717	56369.69531	503381.6	5410953.9
L3380.0	503381.6	5410955.6	39307.69922	291.66	0	48.851560	-86.953904	56365.96	56243.9	6.12	56372.08	56370.97266	56370.81048	56369.86719	503381.6	5410955.6
L3380.0	503381.6	5410957.2	39307.80078	291.26	0	48.851574	-86.953904	56366.24	56243.9	6.12	56372.36	56371.26172	56371.07437	56370.13672	503381.6	5410957.2
L3380.0	503381.6	5410958.2	39307.89844	291.31	0	48.851583	-86.953904	56366.49	56243.9	6.12	56372.61	56371.52344	56371.32942	56370.39844	503381.6	5410958.2
L3380.0	503381.6	5410958.2	39308.00000	291.47	0	48.851583	-86.953904	56367.08	56243.9	6.12	56373.20	56372.12891	56371.69279	56370.76953	503381.6	5410958.2
L3380.0	503381.6	5410959.5	39308.10156	291.29	0	48.851595	-86.953904	56367.31	56243.9	6.12	56373.43	56372.37109	56371.94505	56371.02734	503381.6	5410959.5
L3380.0	503381.6	5410961.0	39308.19922	291.56	0	48.851608	-86.953904	56367.74	56243.9	6.12	56373.86	56372.81250	56372.26365	56371.35156	503381.6	5410961.0
L3380.0	503381.6	5410961.0	39308.30078	291.97	0	48.851608	-86.953904	56367.92	56243.9	6.12	56374.04	56373.00391	56372.50939	56371.60547	503381.6	5410961.0
L3380.0	503381.6	5410962.3	39308.39844	292.54	0	48.851620	-86.953904	56367.95	56243.9	6.12	56374.06	56373.03516	56372.70768	56371.80859	503381.6	5410962.3
L3380.0	503381.5	5410963.5	39308.50000	291.58	0	48.851631	-86.953905	56368.15	56243.9	6.12	56374.26	56373.24609	56372.96559	56372.07422	503381.5	5410963.5
L3380.0	503381.5	5410963.5	39308.60156	294.14	0	48.851631	-86.953905	56368.43	56243.9	6.11	56374.55	56373.55078	56373.25620	56372.37109	503381.5	5410963.5

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L3380.0	503381.5	5410964.9	39308.69922	291.88	0	48.851644	-86.953905	56368.79	56243.9	6.11	56374.90	56373.91016	56373.57151	56372.69141	503381.5	5410964.9
L3380.0	503381.5	5410966.4	39308.80078	292.02	0	48.851657	-86.953905	56368.92	56243.9	6.11	56375.03	56374.05078	56373.81099	56372.93750	503381.5	5410966.4
L3380.0	503381.5	5410967.7	39308.89844	292.65	0	48.851668	-86.953905	56369.28	56243.9	6.11	56375.39	56374.42188	56374.13597	56373.26953	503381.5	5410967.7
L3380.0	503381.5	5410967.7	39309.00000	292.65	0	48.851668	-86.953905	56369.43	56243.9	6.11	56375.54	56374.58594	56374.38154	56373.51953	503381.5	5410967.7
L3380.0	503381.5	5410969.0	39309.10156	293.79	0	48.851680	-86.953905	56369.84	56243.9	6.11	56375.95	56375.00781	56374.73088	56373.87500	503381.5	5410969.0
L3380.0	503381.5	5410970.2	39309.19922	294.37	0	48.851691	-86.953905	56370.07	56243.9	6.12	56376.18	56375.24609	56375.00669	56374.16016	503381.5	5410970.2
L3380.0	503381.5	5410971.7	39309.30078	294.32	0	48.851704	-86.953905	56370.29	56243.9	6.12	56376.41	56375.48828	56375.27908	56374.43750	503381.5	5410971.7
L3380.0	503381.5	5410972.8	39309.39844	293.92	0	48.851715	-86.953905	56370.73	56243.9	6.12	56376.85	56375.94141	56375.64297	56374.80859	503381.5	5410972.8
L3380.0	503381.5	5410972.8	39309.50000	296.86	0	48.851715	-86.953905	56370.93	56243.9	6.13	56377.06	56376.16016	56375.89818	56375.07031	503381.5	5410972.8
L3380.0	503381.5	5410974.5	39309.60156	296.45	0	48.851729	-86.953905	56370.93	56243.9	6.13	56377.06	56376.17188	56376.04535	56375.22266	503381.5	5410974.5
L3380.0	503381.5	5410975.7	39309.69922	294.49	0	48.851740	-86.953905	56371.34	56243.9	6.13	56377.47	56376.59375	56376.38078	56375.56641	503381.5	5410975.7
L3380.0	503381.5	5410975.7	39309.80078	295.41	0	48.851740	-86.953905	56371.68	56243.9	6.13	56377.81	56376.94531	56376.67548	56375.86719	503381.5	5410975.7
L3380.0	503381.5	5410977.2	39309.89844	295.30	0	48.851754	-86.953905	56371.88	56243.9	6.14	56378.02	56377.16406	56376.89811	56376.09375	503381.5	5410977.2
L3380.0	503381.5	5410977.2	39310.00000	294.83	0	48.851754	-86.953905	56371.98	56243.9	6.14	56378.12	56377.27734	56377.05867	56376.26172	503381.5	5410977.2
L3380.0	503381.5	5410978.2	39310.10156	293.09	0	48.851763	-86.953905	56372.11	56243.9	6.14	56378.25	56377.41797	56377.22679	56376.43750	503381.5	5410978.2
L3380.0	503381.5	5410979.3	39310.19922	291.58	0	48.851773	-86.953905	56372.18	56243.9	6.14	56378.32	56377.50000	56377.36125	56376.57813	503381.5	5410979.3
L3380.0	503381.5	5410979.3	39310.30078	292.87	0	48.851773	-86.953905	56372.56	56243.9	6.14	56378.70	56377.89063	56377.63514	56376.85547	503381.5	5410979.3
L3380.0	503381.5	5410980.7	39310.39844	295.41	0	48.851785	-86.953905	56372.80	56243.9	6.14	56378.94	56378.14063	56377.83731	56377.06641	503381.5	5410980.7
L3380.0	503381.5	5410981.7	39310.50000	293.19	0	48.851795	-86.953905	56372.90	56243.9	6.14	56379.04	56378.25000	56377.97462	56377.20703	503381.5	5410981.7
L3380.0	503381.5	5410981.7	39310.60156	293.83	0	48.851795	-86.953905	56373.23	56243.9	6.14	56379.37	56378.58984	56378.20702	56377.44922	503381.5	5410981.7
L3380.0	503381.5	5410983.0	39310.69922	294.15	0	48.851806	-86.953905	56373.51	56243.9	6.14	56379.65	56378.87891	56378.41335	56377.66016	503381.5	5410983.0
L3380.0	503381.5	5410984.2	39310.80078	293.91	0	48.851817	-86.953905	56373.96	56243.9	6.14	56380.10	56379.33984	56378.68026	56377.93359	503381.5	5410984.2
L3380.0	503381.5	5410984.2	39310.89844	291.95	0	48.851817	-86.953905	56373.79	56243.9	6.14	56379.93	56379.17969	56378.71591	56377.97656	503381.5	5410984.2
L3380.0	503381.5	5410985.5	39311.00000	290.82	0	48.851829	-86.953905	56374.20	56243.9	6.14	56380.34	56379.60156	56378.96431	56378.23047	503381.5	5410985.5
L3380.0	503381.5	5410985.5	39311.10156	287.58	0	48.851829	-86.953905	56374.00	56243.9	6.14	56380.14	56379.41016	56379.00543	56378.27734	503381.5	5410985.5
L3380.0	503381.5	5410987.6	39311.19922	289.28	0	48.851847	-86.953905	56374.50	56243.9	6.14	56380.65	56379.93359	56379.28645	56378.56641	503381.5	5410987.6
L3380.0	503381.5	5410987.6	39311.30078	289.85	0	48.851847	-86.953905	56374.73	56243.9	6.14	56380.88	56380.17188	56379.47675	56378.76172	503381.5	5410987.6
L3380.0	503381.5	5410988.7	39311.39844	290.69	0	48.851857	-86.953905	56374.91	56243.9	6.14	56381.06	56380.36328	56379.65505	56378.94922	503381.5	5410988.7
L3380.0	503381.5	5410988.7	39311.50000	292.90	0	48.851857	-86.953905	56374.84	56243.9	6.14	56380.98	56380.29297	56379.75673	56379.05859	503381.5	5410988.7
L3380.0	503381.5	5410989.9	39311.60156	291.57	0	48.851868	-86.953905	56375.18	56243.9	6.15	56381.32	56380.64063	56379.99099	56379.29688	503381.5	5410989.9
L3380.0	503381.5	5410990.9	39311.69922	290.59	0	48.851877	-86.953905	56375.22	56243.9	6.15	56381.37	56380.70313	56380.13849	56379.45313	503381.5	5410990.9
L3380.0	503381.5	5410991.7	39311.80078	293.39	0	48.851884	-86.953905	56375.07	56243.9	6.15	56381.21	56380.55078	56380.22099	56379.54297	503381.5	5410991.7
L3380.0	503381.5	5410991.7	39311.89844	293.33	0	48.851884	-86.953905	56375.63	56243.9	6.15	56381.78	56381.13281	56380.53940	56379.86719	503381.5	5410991.7
L3380.0	503381.5	5410992.9	39312.00000	292.32	0	48.851895	-86.953904	56375.32	56243.8	6.15	56381.47	56380.83203	56380.57174	56379.90625	503381.5	5410992.9
L3380.0	503381.6	5410993.9	39312.10156	292.18	0	48.851904	-86.953904	56375.91	56243.8	6.15	56382.06	56381.42969	56380.90940	56380.25000	503381.6	5410993.9
L3380.0	503381.6	5410993.9	39312.19922	292.44	0	48.851904	-86.953904	56375.76	56243.8	6.15	56381.91	56381.28906	56380.99115	56380.33984	503381.6	5410993.9
L3380.0	503381.6	5410994.9	39312.30078	292.57	0	48.851913	-86.953904	56376.24	56243.8	6.15	56382.40	56381.78906	56381.30750	56380.66406	503381.6	5410994.9
L3380.0	503381.6	5410995.8	39312.39844	293.02	0	48.851921	-86.953903	56376.29	56243.8	6.15	56382.44	56381.83984	56381.45651	56380.82031	503381.6	5410995.8
L3380.0	503381.6	5410995.8	39312.50000	293.45	0	48.851921	-86.953903	56376.50	56243.8	6.16	56382.65	56382.05859	56381.67153	56381.04297	503381.6	5410995.8
L3380.0	503381.6	5410996.7	39312.60156	291.78	0	48.851929	-86.953903	56376.42	56243.8	6.16	56382.57	56381.98828	56381.76169	56381.14063	503381.6	5410996.7
L3380.0	503381.6	5410997.4	39312.69922	293.23	0	48.851935	-86.953903	56376.60	56243.8	6.16	56382.76	56382.18750	56381.96332	56381.34766	503381.6	5410997.4
L3380.0	503381.6	5410997.4	39312.80078	294.99	0	48.851935	-86.953903	56376.80	56243.8	6.16	56382.96	56382.39453	56382.16824	56381.56250	503381.6	5410997.4
L3380.0	503381.7	5410998.3	39312.89844	294.12	0	48.851944	-86.953902	56377.01	56243.8	6.16	56383.17	56382.61719	56382.37632	56381.77734	503381.7	5410998.3
L3380.0	503381.7	5410999.3	39313.00000	295.12	0	48.851952	-86.953902	56377.08	56243.8	6.16	56383.24	56382.69531	56382.51253	56381.92188	503381.7	5410999.3
L3380.0	503381.8	5410999.9	39313.10156	295.72	0	48.851958	-86.953901	56377.26	56243.8	6.16	56383.42	56382.88281	56382.69878	56382.11328	503381.8	5410999.9
L3380.0	503381.8	5410999.9	39313.19922	294.40	0	48.851958	-86.953901	56377.77	56243.8	6.16	56383.93	56383.40234	56383.05453	56382.48047	503381.8	5410999.9
L3380.0	503381.8	5411000.8	39313.30078	294.36	0	48.851966	-86.953900	56377.77	56243.8	6.15	56383.92	56383.40234	56383.13530	56382.56641	503381.8	5411000.8
L3380.0	503381.8	5411000.8	39313.39844	293.69	0	48.851966	-86.953900	56377.60	56243.8	6.15	56383.75	56383.24219	56383.12172	56382.56250	503381.8	5411000.8
L3380.0	503381.9	5411001.5	39313.50000	293.01	0	48.851973	-86.953900	56377.80	56243.8	6.15	56383.95	56383.44922	56383.30266	56382.75000	503381.9	5411001.5
L3380.0	503381.9	5411002.3	39313.60156	296.63	0	48.851980	-86.953899	56377.77	56243.9	6.15	56383.92	56383.42969	56383.35287	56382.80859	503381.9	5411002.3
L3380.0	503381.9	5411002.3	39313.69922	295.33	0	48.851980	-86.953899	56377.85	56243.9	6.15	56383.99	56383.50781	56383.45398	56382.91797	503381.9	5411002.3
L3380.0	503382.0	5411003.0	39313.80078	294.24	0	48.851986	-86.953898	56377.82	56243.9	6.14	56383.97	56383.49609	56383.50115	56382.97266	503382.0	5411003.0
L3380.0	503382.0	5411003.8	39313.89844	294.26	0	48.851993	-86.953897	56378.06	56243.9	6.14	56384.20	56383.73438	56383.68517	56383.16797	503382.0	5411003.8
L3380.0	503382.0	5411003.8	39314.00000	294.64	0	48.851993	-86.953897	56378.11	56243.9	6.14	56384.25	56383.79297	56383.76604	56383.25391	503382.0	5411003.8
L3380.0	503382.1	5411004.5	39314.10156	292.61	0	48.851999	-86.953897	56378.36	56243.9	6.14	56384.50	56384.05078	56383.95616	56383.45313	503382.1	5411004.5
L3380.0	503382.1	5411005.1	39314.19922	292.22	0	48.852005	-86.953896	56378.34	56243.9	6.14	56384.48	56384.04297	56383.99446	56383.50000	503382.1	5411005.1
L3380.0	503382.1	5411005.1	39314.30078	289.49	0	48.852005	-86.953896	56378.28	56243.9	6.14	56384.42	56383.98828	56384.01048	56383.52734	503382.1	5411005.1
L3380.0	503382.2	5411005.5	39314.39844	289.93	0	48.852009	-86.953896	56378.26	56243.9	6.14	56384.40	56383.98047	56384.04899	56383.57422	503382.2	5411005.5
L3380.0	503382.2	5411006.2	39314.50000	289.25	0	48.852014	-86.953895	56378.46	56243.9	6.15	56384.61	56384.19531	56384.21269	56383.74609	503382.2	5411006.2
L3380.0	503382.3	5411006.8	39314.60156	293.51	0	48.852020	-86.953894	56378.56	56243.9	6.15	56384.71	56384.30469	56384.31602	56383.85547	503382.3	5411006.8
L3380.0	503382.3	5411006.8	39314.69922	294.92	0	48.852020	-86.953894	56378.36	56243.9	6.15	56384.51	56384.11328	56384.25862	56383.80859	503382.3	5411006.8
L3380.0	503382.3	5411007.4	39314.80078	296.48	0	48.852025	-86.953894	56378.46	56243.9	6.15	56384.61	56384.22266	56384.36349	56383.92188	503382.3	5411007.4
L3380.0	503382.3	5411007.9	39314.89844	298.41	0	48.852030	-86.953893	56378.46	56243.9	6.15	56384.61	56384.23047	56384.41563	56383.98438	503382.3	5411007.9
L3380.0	503382.4	5411008.3	39315.00000	297.16	0	48.852034	-86.953893	56378.72	56243.8	6.15	56384.87	56384.50000	56384.60739	56384.18359	503382.4	5411008.3
L3380.0	503382.4	5411008.3	39315.10156	294.36	0	48.852034	-86.953893	56378.99	56243.9	6.15	56385.14	56384.77734	56384.80608	56384.39453	503382.4	5411008.3
L3380.0	503382.4	5411009.0	39315.19922	293.35	0	48.852040	-86.953892	56378.95	56243.9	6.15	56385.09	56384.73828	56384.83350	56384.42969	503382.4	5411009.0
L3380.0	503382.4	5411009.3	39315.30078	293.18	0	48.852043	-86.953892	56378.87	56243.9	6.14	56385.01	56384.66406	56384.84299	56384.44922	503382.4	5411009.3
L3380.0	503382.4	5411009.3	39315.39844	293.09	0	48.852043	-86.953892	56379.10	56243.9	6.14	56385.24	56384.90234	56385.02350	56384.63672	503382.4	5411009.3
L3380.0	503382.5	5411009.7	39315.50000	293.13	0	48.852046	-86.953892	56379.25	56243.9	6.14	56385.39	56385.06250	56385.16121	56384.78516	503382.5	5411009.7
L3380.0	503382.5	5411010.2	39315.60156	292.43	0	48.852050	-86.953891	56379.48	56243.9	6.14	56385.62	56385.30078	56385.34780	56384.98047	503382.5	5411010.2
L3380.0	503382.5	5411010.5	39315.69922	292.48	0	48.852054	-86.953891	56379.33	56243.9	6.14	56385.46	56385.14844	56385.30227	56384.94531	503382.5	5411010.5
L3380.0	503382.5	5411010.5	39315.80078	292.38	0	48.852054	-86.953891	56379.15	56243.9	6.13	56385.29	56384.98828	56385.24148	56384.89453	503382.5	5411010.5
L3380.0	503382.5	5411010.9	39315.89844	294.47	0	48.852057	-86.953891	56379.10	56243.9	6.13	56385.23	56384.93359	56385.24147	56384.90625	503382.5	5411010.9
L3380.0	503382.5	5411011.2	39316.00000	294.12	0	48.852059	-86.953891	56379.07	56243.9	6.13	56385.20	56384.91406	56385.25519	56384.92969	503382.5	5411011.2
L3380.0	503382.5	5411011.2	39316.10156	297.12	0	48.852059	-86.953891	56379.02	56243.9	6.13	56385.15	56384.87109	56385.25019	56384.93359	503382.5	5411011.2
L3380.0	503382.5	5411011.5	39316.19922	294.07	0	48.852062	-86.953892	56379.15	56243.9	6.13	56385.28	56385.00781	56385.36740	56385.05859	503382.5	5411011.5
L3380.0	503382.5	5411011.8	39316.30078	293.45	0	48.852065	-86.953892	56378.99	56243.9	6.13	56385.12	56384.85938	56385.27594	56384.98047	503382.5	5411011.8
L3380.0	503382.4	5411012.0	39316.39844	295.22	0	48.852066	-86.953892	56379.43	56243.9	6.13	56385.56	56385.30469	56385.40790	56385.12109	503382.4	5411012.0
L3380.0	503382.4	5411012.0	39316.50000	297.86	0	48.852066	-86.953892	56379.31	56243.9	6.13	56385.43	56385.18359	56385.64527	56385.36719	503382.4	5411012.0
L3380.0	503382.4	5411012.2	39316.60156	296.99	0	48.852068	-86.953892	56379.40	56243.9	6.12	56385.53	56385.29297	56385.66323	56385.39844	503382.4	5411012.2
L3380.0	503382.4	5411012.4	39316.69922	295.90	0	48.852070	-86.953893	56379.28	56243.9	6.12	56385.40	56385.17188	56385.87501	56385.62109	503382.4	5411012.4
L3380.0	503382.4	5411012.4	39316.80078	297.94	0	48.852070	-86.953893	56379.51	56243.9	6.12	56385.63	56385.41016	56385.98529	56385.73828	503382.4	5411012.4
L3380.0	503382.4	5411012.5	39316.89844	298.10	0	48.852072	-86.953893	56379.84	56243.9	6.12	56385.96	56385.74609	56386.16522	56385.92969	503382.4	5411012.5
L3380.0	503382.4	5411012.5	39317.00000	298.41	0	48.852072	-86.953893	56380.27	56243.9	6.12	56386.39	56386.18359	56386.31119	56386.08594	503382.4	5411012.5
L3380.0	503382.4	5411012.6	39317.10156	296.31	0	48.852073	-86.953893	56380.71	56243.9	6.12	56386.82	56386.62109	56386.30241	56386.08984	503382.4	5411012.6
L3380.0	503382.4	5411012.7	39317.19922	297.34	0	48.852073	-86.953893	56380.38	56243.9	6.11	56386.49	56386.30078	56386.59115	56386.38672	503382.4	5411012.7
L3380.0	503382.4	5411012.8	39317.30078	297.06	0	48.852074	-86.953893	56380.58	56243.9	6.11	56386.69	56386.50781	56386.77807	56386.58594	503382.4	5411012.8
L3380.0	503382.4	5411012.8	39317.39844	295.17	0	48.852074	-86.953893	56381.06	56243.9	6.11	56387.17	56386.99609	56387.14521	56386.96484	503382.4	5411012.8
L3380.0	503382.4	5411013.0	39317.50000	297.19	0	48.852075	-86.953893	56381.09	56243.9	6.10	56387.20	56387.03516	56387.20563	56387.03516	503382.4	5411013.0
L3380.0	503382.3	5411013.1	39317.60156	296.92	0	48.852077	-86.953893	56381.27	56243.9	6.10	56387.37	56387.21484	56387.35325	56387.19141	503382.3	5411013.1
L3380.0	503382.3	5411013.3	39317.69922	296.09	0	48.852078	-86.953893	56380.86	56243.9	6.10	56386.96	56386.81250	56387.16947	56387.01953	503382.3	5411013.3
L3380.0	503382.3	5411013.3	39317.80078	294.95	0	48.852078	-86.953893	56380.45	56243.9	6.10	56386.55	56386.41016	56387.01747	56386.87891	503382.3	5411013.3
L3380.0	503382.3	5411013.5	39317.89844	293.03	0	48.852081	-86.953894	56380.27	56243.9	6.09	56386.37	56386.23828	56387.00888	56386.87891	503382.3	5411013.5

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L3380.0	503382.3	5411013.7	39318.00000	292.21	0	48.852082	-86.953894	56380.38	56243.9	6.09	56386.46	56386.33594	56387.13901	56387.02344	503382.3	5411013.7
L3380.0	503382.3	5411013.7	39318.10156	291.29	0	48.852082	-86.953894	56380.35	56243.9	6.09	56386.44	56386.32422	56387.21226	56387.10547	503382.3	5411013.7
L3380.0	503382.3	5411014.0	39318.19922	291.82	0	48.852085	-86.953894	56380.56	56243.9	6.09	56386.64	56386.53125	56387.37951	56387.28516	503382.3	5411014.0
L3380.0	503382.2	5411014.3	39318.30078	290.62	0	48.852088	-86.953894	56380.43	56243.9	6.09	56386.52	56386.41797	56387.39300	56387.30859	503382.2	5411014.3
L3380.0	503382.2	5411014.3	39318.39844	289.74	0	48.852088	-86.953894	56380.45	56243.9	6.09	56386.54	56386.44922	56387.45785	56387.38672	503382.2	5411014.3
L3380.0	503382.2	5411014.7	39318.50000	289.82	0	48.852091	-86.953895	56380.22	56243.9	6.09	56386.31	56386.22656	56387.38755	56387.32422	503382.2	5411014.7
L3380.0	503382.2	5411014.7	39318.60156	289.19	0	48.852091	-86.953895	56380.32	56243.9	6.09	56386.41	56386.33203	56387.45075	56387.39844	503382.2	5411014.7
L3380.0	503382.2	5411015.2	39318.69922	292.37	0	48.852096	-86.953895	56380.32	56243.9	6.09	56386.41	56386.33984	56387.43891	56387.39844	503382.2	5411015.2
L3380.0	503382.2	5411015.2	39318.80078	291.02	0	48.852096	-86.953895	56380.27	56243.9	6.09	56386.36	56386.30078	56387.36416	56387.33594	503382.2	5411015.2
L3380.0	503382.2	5411015.5	39318.89844	290.80	0	48.852098	-86.953896	56380.35	56243.9	6.09	56386.44	56386.38672	56387.33026	56387.31250	503382.2	5411015.5
L3380.0	503382.2	5411015.5	39319.00000	290.80	0	48.852098	-86.953896	56380.53	56243.9	6.09	56386.62	56386.57422	56387.33572	56387.32813	503382.2	5411015.5
L3380.0	503382.2	5411015.8	39319.10156	291.69	0	48.852101	-86.953896	56380.45	56243.9	6.09	56386.54	56386.50391	56387.34391	56387.34766	503382.2	5411015.8
L3380.0	503382.2	5411015.8	39319.19922	294.06	0	48.852101	-86.953896	56380.68	56243.9	6.08	56386.76	56386.73047	56387.15800	56387.17578	503382.2	5411015.8
L3380.0	503382.1	5411016.1	39319.30078	295.92	0	48.852104	-86.953896	56380.61	56243.9	6.08	56386.69	56386.66797	56386.83596	56386.86328	503382.1	5411016.1
L3380.0	503382.1	5411016.3	39319.39844	297.96	0	48.852106	-86.953896	56381.04	56243.9	6.08	56387.12	56387.10547	56387.07719	56387.11719	503382.1	5411016.3
L3430.0	503430.9	5411013.6	39338.69922	301.12	0	48.852081	-86.953231	56353.22	56243.9	6.05	56359.27	56359.51172	56356.15064	56354.05859	503430.9	5411013.6
L3430.0	503430.9	5411013.5	39338.80078	303.41	0	48.852080	-86.953231	56352.89	56243.9	6.05	56358.95	56359.19531	56355.34414	56353.30078	503430.9	5411013.5
L3430.0	503430.9	5411013.4	39338.89844	304.47	0	48.852079	-86.953231	56352.45	56243.9	6.06	56358.51	56358.75781	56352.89956	56350.90625	503430.9	5411013.4
L3430.0	503430.9	5411013.4	39339.00000	304.47	0	48.852079	-86.953231	56352.58	56243.9	6.06	56358.64	56358.89063	56356.63697	56354.69141	503430.9	5411013.4
L3430.0	503430.9	5411013.2	39339.10156	302.22	0	48.852077	-86.953231	56352.41	56243.9	6.06	56358.47	56358.72656	56356.64050	56354.74219	503430.9	5411013.2
L3430.0	503430.9	5411013.0	39339.19922	300.60	0	48.852075	-86.953231	56352.25	56243.9	6.06	56358.31	56358.56641	56356.47359	56354.62500	503430.9	5411013.0
L3430.0	503430.9	5411013.0	39339.30078	300.44	0	48.852075	-86.953231	56351.51	56243.9	6.06	56357.57	56357.83203	56350.06792	56348.26953	503430.9	5411013.0
L3430.0	503430.9	5411012.7	39339.39844	302.14	0	48.852073	-86.953231	56351.87	56243.9	6.06	56357.93	56358.19531	56354.81880	56353.07031	503430.9	5411012.7
L3430.0	503430.9	5411012.5	39339.50000	303.24	0	48.852072	-86.953231	56352.10	56243.9	6.07	56358.16	56358.42578	56357.83852	56356.13672	503430.9	5411012.5
L3430.0	503430.9	5411012.5	39339.60156	300.33	0	48.852072	-86.953231	56352.46	56243.9	6.07	56358.52	56358.78906	56361.76088	56360.10547	503430.9	5411012.5
L3430.0	503430.9	5411012.2	39339.69922	301.11	0	48.852069	-86.953231	56352.22	56243.9	6.07	56358.29	56358.56250	56359.82493	56358.21875	503430.9	5411012.2
L3430.0	503430.9	5411012.2	39339.80078	304.24	0	48.852069	-86.953231	56352.13	56243.9	6.07	56358.19	56358.46484	56359.01995	56357.46094	503430.9	5411012.2
L3430.0	503430.9	5411011.7	39339.89844	301.61	0	48.852064	-86.953231	56351.97	56243.9	6.07	56358.04	56358.32031	56357.67020	56356.15625	503430.9	5411011.7
L3430.0	503430.9	5411011.7	39340.00000	301.80	0	48.852064	-86.953231	56351.74	56243.9	6.07	56357.81	56358.08984	56355.53183	56354.06250	503430.9	5411011.7
L3430.0	503430.9	5411011.5	39340.10156	302.07	0	48.852062	-86.953232	56351.89	56243.9	6.07	56357.97	56358.25391	56356.81099	56355.38672	503430.9	5411011.5
L3430.0	503430.9	5411011.5	39340.19922	298.84	0	48.852062	-86.953232	56352.00	56243.9	6.08	56358.08	56358.36719	56357.57868	56356.20313	503430.9	5411011.5
L3430.0	503430.9	5411011.2	39340.30078	297.34	0	48.852059	-86.953232	56352.07	56243.9	6.08	56358.15	56358.44141	56357.96081	56356.62891	503430.9	5411011.2
L3430.0	503430.9	5411010.9	39340.39844	295.26	0	48.852057	-86.953232	56352.05	56243.9	6.08	56358.13	56358.42188	56357.52914	56356.24219	503430.9	5411010.9
L3430.0	503430.8	5411010.6	39340.50000	296.24	0	48.852054	-86.953232	56351.99	56243.9	6.08	56358.08	56358.37500	56356.83690	56355.59375	503430.8	5411010.6
L3430.0	503430.8	5411010.6	39340.60156	295.43	0	48.852054	-86.953232	56352.05	56243.9	6.09	56358.13	56358.42578	56357.12545	56355.92188	503430.8	5411010.6
L3430.0	503430.8	5411010.3	39340.69922	299.18	0	48.852051	-86.953232	56352.02	56243.9	6.09	56358.11	56358.41016	56356.85390	56355.69531	503430.8	5411010.3
L3430.0	503430.8	5411010.3	39340.80078	297.99	0	48.852051	-86.953232	56352.20	56243.9	6.09	56358.30	56358.60156	56358.78934	56357.67188	503430.8	5411010.3
L3430.0	503430.8	5411010.0	39340.89844	299.76	0	48.852048	-86.953233	56351.62	56243.9	6.10	56357.71	56358.01563	56353.08253	56352.00781	503430.8	5411010.0
L3430.0	503430.8	5411009.5	39341.00000	300.33	0	48.852044	-86.953233	56352.13	56243.9	6.10	56358.22	56358.52734	56358.77987	56357.74219	503430.8	5411009.5
L3430.0	503430.8	5411009.3	39341.10156	300.78	0	48.852043	-86.953233	56352.71	56243.9	6.10	56358.81	56359.12109	56365.92926	56364.92969	503430.8	5411009.3
L3430.0	503430.7	5411009.0	39341.19922	302.73	0	48.852039	-86.953233	56352.96	56243.9	6.10	56359.07	56359.38281	56370.10308	56369.14453	503430.7	5411009.0
L3430.0	503430.7	5411009.0	39341.30078	303.60	0	48.852039	-86.953233	56352.13	56243.9	6.11	56358.23	56358.54297	56362.23936	56361.32031	503430.7	5411009.0
L3430.0	503430.7	5411008.6	39341.39844	302.19	0	48.852036	-86.953234	56351.36	56243.9	6.11	56357.47	56357.78516	56355.16514	56354.28125	503430.7	5411008.6
L3430.0	503430.7	5411008.1	39341.50000	302.11	0	48.852032	-86.953234	56351.13	56243.9	6.11	56357.24	56357.55859	56354.32349	56353.47656	503430.7	5411008.1
L3430.0	503430.6	5411007.7	39341.60156	301.43	0	48.852028	-86.953235	56350.87	56243.9	6.11	56356.98	56357.30078	56353.29335	56352.48047	503430.6	5411007.7
L3430.0	503430.6	5411007.7	39341.69922	300.04	0	48.852028	-86.953235	56351.06	56243.9	6.11	56357.17	56357.49219	56357.89550	56357.11719	503430.6	5411007.7
L3430.0	503430.6	5411007.3	39341.80078	303.14	0	48.852024	-86.953236	56350.72	56243.9	6.12	56356.84	56357.16406	56356.22433	56355.48047	503430.6	5411007.3
L3430.0	503430.6	5411007.3	39341.89844	302.26	0	48.852024	-86.953236	56350.85	56243.9	6.12	56356.97	56357.29688	56360.25379	56359.53906	503430.6	5411007.3
L3430.0	503430.5	5411006.9	39342.00000	301.78	0	48.852021	-86.953237	56350.44	56243.9	6.12	56356.56	56356.88672	56357.43049	56356.74609	503430.5	5411006.9
L3430.0	503430.4	5411006.3	39342.10156	303.02	0	48.852016	-86.953238	56350.32	56243.9	6.12	56356.44	56356.76953	56358.05931	56357.40625	503430.4	5411006.3
L3430.0	503430.4	5411006.0	39342.19922	302.06	0	48.852012	-86.953238	56349.98	56243.9	6.13	56356.11	56356.44141	56355.77352	56355.15234	503430.4	5411006.0
L3430.0	503430.4	5411006.0	39342.30078	300.66	0	48.852012	-86.953238	56349.46	56243.9	6.13	56355.60	56355.93359	56350.87344	56350.28125	503430.4	5411006.0
L3430.0	503430.3	5411005.5	39342.39844	300.84	0	48.852008	-86.953239	56349.52	56243.9	6.14	56355.66	56355.99609	56352.89693	56352.33203	503430.3	5411005.5
L3430.0	503430.2	5411005.0	39342.50000	301.26	0	48.852004	-86.953241	56349.44	56243.9	6.14	56355.58	56355.91797	56352.79486	56352.25391	503430.2	5411005.0
L3430.0	503430.2	5411005.0	39342.60156	300.36	0	48.852004	-86.953241	56349.72	56243.9	6.14	56355.87	56356.20703	56357.14792	56356.63281	503430.2	5411005.0
L3430.0	503430.1	5411004.5	39342.69922	301.00	0	48.851999	-86.953242	56349.07	56243.9	6.15	56355.21	56355.55078	56348.93522	56348.44531	503430.1	5411004.5
L3430.0	503430.0	5411003.8	39342.80078	300.13	0	48.851993	-86.953243	56348.86	56243.8	6.15	56355.01	56355.35156	56346.45173	56345.98438	503430.0	5411003.8
L3430.0	503429.9	5411003.3	39342.89844	298.78	0	48.851988	-86.953244	56349.01	56243.8	6.16	56355.17	56355.51172	56348.48382	56348.03906	503429.9	5411003.3
L3430.0	503429.9	5411003.3	39343.00000	297.34	0	48.851988	-86.953244	56349.12	56243.8	6.16	56355.28	56355.62500	56349.79660	56349.37109	503429.9	5411003.3
L3430.0	503429.8	5411002.5	39343.10156	296.93	0	48.851981	-86.953246	56349.80	56243.8	6.16	56355.96	56356.30469	56358.32076	56357.91406	503429.8	5411002.5
L3430.0	503429.7	5411001.7	39343.19922	297.73	0	48.851974	-86.953247	56349.73	56243.8	6.16	56355.89	56356.23828	56357.34631	56356.96094	503429.7	5411001.7
L3430.0	503429.7	5411001.7	39343.30078	300.87	0	48.851974	-86.953247	56350.28	56243.8	6.16	56356.44	56356.78906	56364.11869	56363.75000	503429.7	5411001.7
L3430.0	503429.6	5411000.9	39343.39844	301.02	0	48.851967	-86.953249	56350.59	56243.8	6.16	56356.75	56357.10156	56367.89563	56367.54688	503429.6	5411000.9
L3430.0	503429.5	5411000.3	39343.50000	303.65	0	48.851961	-86.953250	56350.23	56243.8	6.16	56356.39	56356.74219	56363.84784	56363.51172	503429.5	5411000.3
L3430.0	503429.5	5411000.3	39343.60156	302.71	0	48.851961	-86.953250	56349.96	56243.8	6.16	56356.12	56356.47266	56361.20780	56360.88672	503429.5	5411000.3
L3430.0	503429.5	5411000.3	39343.69922	303.36	0	48.851961	-86.953250	56349.46	56243.8	6.16	56355.63	56355.98438	56356.44664	56356.14063	503429.5	5411000.3
L3430.0	503429.4	5410999.2	39343.80078	303.04	0	48.851952	-86.953252	56349.70	56243.8	6.16	56355.86	56356.21484	56359.84119	56359.54688	503429.4	5410999.2
L3430.0	503429.3	5410998.7	39343.89844	301.75	0	48.851947	-86.953254	56349.22	56243.8	6.16	56355.38	56355.73438	56355.72785	56355.44531	503429.3	5410998.7
L3430.0	503429.2	5410998.0	39344.00000	299.61	0	48.851941	-86.953255	56348.78	56243.8	6.16	56354.94	56355.29688	56352.30979	56352.03906	503429.2	5410998.0
L3430.0	503429.2	5410998.0	39344.10156	302.74	0	48.851941	-86.953255	56348.49	56243.8	6.16	56354.65	56355.00781	56350.58357	56350.32031	503429.2	5410998.0
L3430.0	503429.1	5410997.4	39344.19922	302.59	0	48.851935	-86.953256	56348.45	56243.8	6.16	56354.60	56354.95703	56351.22588	56350.97266	503429.1	5410997.4
L3430.0	503429.0	5410996.6	39344.30078	288.81	0	48.851928	-86.953257	56348.30	56243.8	6.16	56354.45	56354.80859	56350.83971	56350.59375	503429.0	5410996.6
L3430.0	503428.9	5410995.7	39344.39844	291.03	0	48.851920	-86.953259	56348.25	56243.8	6.16	56354.40	56354.76172	56351.28421	56351.04688	503428.9	5410995.7
L3430.0	503428.9	5410995.7	39344.50000	296.69	0	48.851920	-86.953259	56348.35	56243.8	6.15	56354.50	56354.86328	56352.89265	56352.66016	503428.9	5410995.7
L3430.0	503428.8	5410995.0	39344.60156	307.54	0	48.851914	-86.953260	56347.99	56243.8	6.15	56354.14	56354.50391	56350.45065	56350.22266	503428.8	5410995.0
L3430.0	503428.7	5410994.2	39344.69922	307.68	0	48.851907	-86.953262	56348.40	56243.8	6.15	56354.55	56354.91406	56354.27853	56354.05469	503428.7	5410994.2
L3430.0	503428.7	5410994.2	39344.80078	308.99	0	48.851907	-86.953262	56348.78	56243.8	6.15	56354.93	56355.29688	56357.56092	56357.34375	503428.7	5410994.2
L3430.0	503428.6	5410993.4	39344.89844	306.38	0	48.851899	-86.953263	56349.09	56243.8	6.15	56355.24	56355.60547	56360.10426	56359.88672	503428.6	5410993.4
L3430.0	503428.5	5410992.7	39345.00000	305.59	0	48.851893	-86.953264	56349.04	56243.8	6.15	56355.19	56355.55859	56359.87536	56359.66016	503428.5	5410992.7
L3430.0	503428.5	5410992.7	39345.10156	293.54	0	48.851893	-86.953264	56348.63	56243.9	6.15	56354.78	56355.14844	56357.02833	56356.81250	503428.5	5410992.7
L3430.0	503428.4	5410991.6	39345.19922	292.85	0	48.851883	-86.953265	56347.99	56243.9	6.15	56354.14	56354.51172	56352.50973	56352.29688	503428.4	5410991.6
L3430.0	503428.4	5410990.8	39345.30078	291.61	0	48.851876	-86.953266	56347.88	56243.9	6.15	56354.03	56354.40234	56352.02088	56351.80859	503428.4	5410990.8
L3430.0	503428.3	5410989.8	39345.39844	290.42	0	48.851867	-86.953267	56348.04	56243.9	6.15	56354.19	56354.56250	56353.75519	56353.53906	503428.3	5410989.8
L3430.0	503428.3	5410989.1	39345.50000	289.52	0	48.851861	-86.953267	56348.04	56243.9	6.15	56354.19	56354.56250	56354.43532	56354.21875	503428.3	5410989.1
L3430.0	503428.3	5410989.1	39345.60156	301.39	0	48.851861	-86.953267	56348.53	56243.9	6.14	56354.67	56355.04688	56359.49187	56359.27344	503428.3	5410989.1
L3430.0	503428.2	5410988.2	39345.69922	298.79	0	48.851852	-86.953268	56348.32	56243.9	6.14	56354.47	56354.84766	56359.04321	56358.82031	503428.2	5410988.2
L3430.0	503428.2	5410987.1	39345.80078	298.38	0	48.851843	-86.953268	56347.68	56243.9	6.14	56353.82	56354.19922	56354.49116	56354.26563	503428.2	5410987.1
L3430.0	503428.2	5410987.1	39345.89844	300.76	0	48.851843	-86.953268	56347.25	56243.9	6.14	56353.39	56353.76953	56351.87803	56351.64844	503428.2	5410987.1
L3430.0	503428.2	5410986.0	39346.00000	302.21	0	48.851833	-86.953269	56347.48	56243.9	6.14	56353.62	56354.00000	56355.90345	56355.66797	503428.2	5410986.0
L3430.0	503428.2	5410984.9	39346.10156	302.28	0	48.851823	-86.953269	56347.56	56243.9	6.14	56353.70	56354.08203	56358.74250	56358.50391	503428.2	5410984.9
L3430.0	503428.2	5410984.9	39346.19922	303.20	0	48.851823	-86.953269	56346.79	56243.9	6.14	56352.93	56353.31641	56352.69088	56352.44531	503428.2	5410984.9
L3430.0	503428.1	5410983.7	39346.30078	304.01	0	48.851813	-86.953269	56345.95	56243.9	6.14	56352.08	56352.46875	56345.51353	56345.26172	503428.1	5410983.7
L3430.0	503428.1	5410982.8	39346.39844	303.36	0	48.851804	-86.953269	56345.77	56243.9	6.14	56351.91	56352.30078	56345.66847	56345.41016	503428.1	5410982.8

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L3430.0	503428.1	5410982.8	39346.50000	301.99	0	48.851804	-86.953269	56345.85	56243.9	6.14	56351.99	56352.38281	56348.64587	56348.38281	503428.1	5410982.8
L3430.0	503428.1	5410981.6	39346.60156	301.38	0	48.851793	-86.953270	56346.18	56243.9	6.14	56352.32	56352.71484	56354.48612	56354.21484	503428.1	5410981.6
L3430.0	503428.1	5410981.6	39346.69922	299.70	0	48.851793	-86.953270	56346.31	56243.9	6.14	56352.45	56352.84375	56358.03730	56357.75781	503428.1	5410981.6
L3430.0	503428.1	5410980.5	39346.80078	300.00	0	48.851784	-86.953270	56346.23	56243.9	6.14	56352.37	56352.76953	56359.10003	56358.81250	503428.1	5410980.5
L3430.0	503428.1	5410979.5	39346.89844	299.92	0	48.851774	-86.953270	56345.92	56243.9	6.14	56352.06	56352.46094	56357.41579	56357.12109	503428.1	5410979.5
L3430.0	503428.0	5410978.4	39347.00000	302.25	0	48.851764	-86.953271	56345.11	56243.9	6.14	56351.25	56351.65234	56349.98025	56349.67969	503428.0	5410978.4
L3430.0	503428.0	5410978.4	39347.10156	303.09	0	48.851764	-86.953271	56344.46	56243.9	6.14	56350.60	56351.00391	56344.42155	56344.10938	503428.0	5410978.4
L3430.0	503428.0	5410977.3	39347.19922	301.90	0	48.851755	-86.953271	56344.32	56243.9	6.14	56350.46	56350.86719	56344.57221	56344.25391	503428.0	5410977.3
L3430.0	503428.0	5410977.3	39347.30078	299.53	0	48.851755	-86.953271	56344.54	56243.9	6.14	56350.68	56351.08984	56348.49980	56348.17188	503428.0	5410977.3
L3430.0	503427.9	5410976.2	39347.39844	299.08	0	48.851744	-86.953272	56344.65	56243.9	6.14	56350.78	56351.19531	56350.91371	56350.57813	503427.9	5410976.2
L3430.0	503427.9	5410976.2	39347.50000	301.21	0	48.851744	-86.953272	56344.74	56243.9	6.14	56350.88	56351.29688	56353.09200	56352.75000	503427.9	5410976.2
L3430.0	503427.8	5410974.2	39347.60156	300.43	0	48.851727	-86.953274	56345.08	56243.9	6.13	56351.22	56351.64063	56357.29728	56356.94531	503427.8	5410974.2
L3430.0	503427.7	5410973.3	39347.69922	300.76	0	48.851718	-86.953275	56345.11	56243.9	6.13	56351.24	56351.66406	56358.15200	56357.79297	503427.7	5410973.3
L3430.0	503427.7	5410973.3	39347.80078	300.18	0	48.851718	-86.953275	56344.82	56243.9	6.13	56350.96	56351.38672	56356.24156	56355.87500	503427.7	5410973.3
L3430.0	503427.6	5410972.2	39347.89844	298.82	0	48.851708	-86.953276	56343.93	56243.9	6.13	56350.06	56350.49219	56349.25582	56348.87891	503427.6	5410972.2
L3430.0	503427.6	5410971.2	39348.00000	300.25	0	48.851699	-86.953277	56343.27	56243.9	6.13	56349.40	56349.83594	56344.65352	56344.26953	503427.6	5410971.2
L3430.0	503427.6	5410971.2	39348.10156	300.09	0	48.851699	-86.953277	56342.86	56243.9	6.13	56348.99	56349.42969	56342.18093	56341.78906	503427.6	5410971.2
L3430.0	503427.5	5410970.2	39348.19922	298.46	0	48.851690	-86.953278	56342.73	56243.9	6.13	56348.86	56349.30469	56341.83286	56341.43359	503427.5	5410970.2
L3430.0	503427.5	5410970.2	39348.30078	299.18	0	48.851690	-86.953278	56343.09	56243.9	6.12	56349.21	56349.65625	56345.04523	56344.64063	503427.5	5410970.2
L3430.0	503427.3	5410968.8	39348.39844	298.42	0	48.851678	-86.953280	56343.60	56243.9	6.12	56349.72	56350.17188	56349.44304	56349.03125	503427.3	5410968.8
L3430.0	503427.2	5410967.8	39348.50000	297.97	0	48.851669	-86.953282	56344.16	56243.9	6.12	56350.28	56350.73828	56354.35898	56353.93750	503427.2	5410967.8
L3430.0	503427.2	5410967.8	39348.60156	297.51	0	48.851669	-86.953282	56344.47	56243.9	6.12	56350.59	56351.05078	56357.51523	56357.08984	503427.2	5410967.8
L3430.0	503427.1	5410966.2	39348.69922	296.42	0	48.851655	-86.953284	56344.59	56243.9	6.12	56350.71	56351.17578	56359.32181	56358.89063	503427.1	5410966.2
L3430.0	503427.0	5410965.2	39348.80078	298.94	0	48.851645	-86.953285	56344.09	56243.9	6.11	56350.20	56350.67188	56355.78451	56355.34766	503427.0	5410965.2
L3430.0	503427.0	5410965.2	39348.89844	299.64	0	48.851645	-86.953285	56343.70	56243.9	6.11	56349.81	56350.28906	56353.12186	56352.67969	503427.0	5410965.2
L3430.0	503426.9	5410963.8	39349.00000	299.64	0	48.851633	-86.953287	56343.02	56243.9	6.11	56349.13	56349.61328	56347.57037	56347.12109	503426.9	5410963.8
L3430.0	503426.8	5410962.9	39349.10156	301.37	0	48.851625	-86.953288	56342.86	56243.9	6.11	56348.97	56349.45703	56346.79132	56346.33984	503426.8	5410962.9
L3430.0	503426.7	5410961.8	39349.19922	301.03	0	48.851615	-86.953288	56342.73	56243.9	6.10	56348.84	56349.33203	56346.36450	56345.91016	503426.7	5410961.8
L3430.0	503426.7	5410961.8	39349.30078	291.68	0	48.851615	-86.953288	56342.58	56243.9	6.10	56348.68	56349.17969	56345.70614	56345.25000	503426.7	5410961.8
L3430.0	503426.7	5410960.5	39349.39844	293.38	0	48.851603	-86.953289	56342.53	56243.9	6.10	56348.63	56349.13672	56346.29384	56345.83203	503426.7	5410960.5
L3430.0	503426.6	5410959.0	39349.50000	305.88	0	48.851590	-86.953290	56342.34	56243.9	6.10	56348.44	56348.95313	56345.47600	56345.01172	503426.6	5410959.0
L3430.0	503426.6	5410959.0	39349.60156	304.78	0	48.851590	-86.953290	56342.68	56243.9	6.09	56348.78	56349.29688	56350.55716	56350.09375	503426.6	5410959.0
L3430.0	503426.6	5410957.9	39349.69922	303.70	0	48.851580	-86.953290	56342.48	56243.9	6.09	56348.57	56349.09375	56349.66902	56349.20313	503426.6	5410957.9
L3430.0	503426.6	5410956.9	39349.80078	304.08	0	48.851571	-86.953291	56342.50	56243.9	6.09	56348.59	56349.12109	56351.34986	56350.88672	503426.6	5410956.9
L3430.0	503426.6	5410955.8	39349.89844	303.27	0	48.851561	-86.953291	56342.40	56243.9	6.08	56348.49	56349.02734	56351.68721	56351.22266	503426.6	5410955.8
L3430.0	503426.6	5410955.8	39350.00000	303.63	0	48.851561	-86.953291	56342.25	56243.9	6.08	56348.33	56348.87500	56351.33801	56350.87500	503426.6	5410955.8
L3430.0	503426.5	5410954.3	39350.10156	303.14	0	48.851547	-86.953291	56342.20	56243.9	6.08	56348.27	56348.82422	56352.02829	56351.56641	503426.5	5410954.3
L3430.0	503426.5	5410953.1	39350.19922	301.17	0	48.851537	-86.953291	56342.02	56243.9	6.08	56348.10	56348.66016	56351.51983	56351.05859	503426.5	5410953.1
L3430.0	503426.5	5410952.0	39350.30078	302.22	0	48.851527	-86.953291	56341.86	56243.9	6.07	56347.93	56348.49609	56351.02263	56350.56641	503426.5	5410952.0
L3430.0	503426.5	5410950.8	39350.39844	288.13	0	48.851516	-86.953292	56341.31	56243.9	6.07	56347.38	56347.95703	56346.91281	56346.46094	503426.5	5410950.8
L3430.0	503426.5	5410950.8	39350.50000	288.64	0	48.851516	-86.953292	56340.99	56243.9	6.07	56347.06	56347.64453	56345.22890	56344.78125	503426.5	5410950.8
L3430.0	503426.5	5410949.3	39350.60156	302.99	0	48.851503	-86.953292	56340.62	56243.9	6.07	56346.68	56347.26953	56343.14660	56342.70313	503426.5	5410949.3
L3430.0	503426.5	5410949.3	39350.69922	301.99	0	48.851503	-86.953292	56340.85	56243.9	6.07	56346.91	56347.50781	56346.49941	56346.06250	503426.5	5410949.3
L3430.0	503426.5	5410947.9	39350.80078	299.94	0	48.851490	-86.953292	56340.62	56243.9	6.06	56346.68	56347.28516	56345.82264	56345.39453	503426.5	5410947.9
L3430.0	503426.5	5410947.9	39350.89844	286.90	0	48.851490	-86.953292	56340.38	56243.9	6.06	56346.45	56347.06641	56345.21232	56344.79297	503426.5	5410947.9
L3430.0	503426.4	5410946.6	39351.00000	287.80	0	48.851478	-86.953293	56340.41	56243.9	6.06	56346.47	56347.09375	56346.71248	56346.30078	503426.4	5410946.6
L3430.0	503426.4	5410945.0	39351.10156	302.90	0	48.851464	-86.953293	56340.48	56243.9	6.06	56346.54	56347.17188	56348.66529	56348.26172	503426.4	5410945.0
L3430.0	503426.4	5410945.0	39351.19922	305.23	0	48.851464	-86.953293	56340.74	56243.9	6.06	56346.80	56347.44141	56352.30200	56351.91016	503426.4	5410945.0
L3430.0	503426.4	5410943.5	39351.30078	303.94	0	48.851451	-86.953294	56340.51	56243.9	6.06	56346.57	56347.21875	56351.99560	56351.61328	503426.4	5410943.5
L3430.0	503426.3	5410942.6	39351.39844	302.84	0	48.851442	-86.953294	56340.08	56243.9	6.06	56346.13	56346.78906	56349.91097	56349.53906	503426.3	5410942.6
L3430.0	503426.3	5410941.6	39351.50000	303.20	0	48.851433	-86.953295	56339.72	56243.9	6.06	56345.78	56346.44922	56348.54943	56348.19141	503426.3	5410941.6
L3430.0	503426.2	5410940.5	39351.60156	292.69	0	48.851423	-86.953295	56339.08	56243.9	6.05	56345.14	56345.81641	56344.29690	56343.94922	503426.2	5410940.5
L3430.0	503426.2	5410940.5	39351.69922	291.48	0	48.851423	-86.953295	56338.49	56243.9	6.05	56344.54	56345.22656	56340.01938	56339.68750	503426.2	5410940.5
L3430.0	503426.2	5410938.8	39351.80078	291.64	0	48.851408	-86.953296	56338.09	56243.9	6.05	56344.14	56344.83594	56337.41491	56337.09766	503426.2	5410938.8
L3430.0	503426.1	5410937.7	39351.89844	292.66	0	48.851399	-86.953297	56337.96	56243.9	6.05	56344.01	56344.71484	56337.55895	56337.25781	503426.1	5410937.7
L3430.0	503426.1	5410936.4	39352.00000	300.64	0	48.851387	-86.953297	56338.42	56243.9	6.05	56344.47	56345.18359	56344.66555	56344.37891	503426.1	5410936.4
L3430.0	503426.1	5410936.4	39352.10156	303.62	0	48.851387	-86.953297	56338.70	56244	6.05	56344.75	56345.47266	56350.23219	56349.96484	503426.1	5410936.4
L3430.0	503426.0	5410935.1	39352.19922	303.48	0	48.851375	-86.953298	56338.57	56244	6.05	56344.62	56345.35156	56350.98002	56350.73047	503426.0	5410935.1
L3430.0	503426.0	5410935.1	39352.30078	302.02	0	48.851375	-86.953298	56338.12	56244	6.05	56344.17	56344.91406	56347.45075	56347.21875	503426.0	5410935.1
L3430.0	503426.0	5410933.3	39352.39844	304.53	0	48.851359	-86.953299	56337.96	56244	6.05	56344.00	56344.75391	56347.50179	56347.28906	503426.0	5410933.3
L3430.0	503425.9	5410932.2	39352.50000	303.16	0	48.851349	-86.953300	56337.86	56244	6.04	56343.90	56344.66016	56348.53963	56348.34766	503425.9	5410932.2
L3430.0	503425.9	5410932.2	39352.60156	301.06	0	48.851349	-86.953300	56337.12	56244	6.04	56343.17	56343.94141	56340.41234	56340.23828	503425.9	5410932.2
L3430.0	503425.9	5410930.5	39352.69922	302.83	0	48.851334	-86.953301	56336.51	56244	6.04	56342.55	56343.33203	56333.57731	56333.42578	503425.9	5410930.5
L3430.0	503425.9	5410930.5	39352.80078	300.58	0	48.851334	-86.953301	56336.32	56244	6.04	56342.37	56343.16016	56333.23849	56333.11328	503425.9	5410930.5
L3430.0	503425.8	5410929.3	39352.89844	300.05	0	48.851323	-86.953301	56337.07	56244	6.04	56343.11	56343.91016	56347.14014	56347.03516	503425.8	5410929.3
L3430.0	503425.7	5410927.8	39353.00000	300.85	0	48.851309	-86.953302	56337.50	56244	6.04	56343.54	56344.35156	56356.52822	56356.44531	503425.7	5410927.8
L3430.0	503425.7	5410927.8	39353.10156	303.27	0	48.851309	-86.953302	56337.47	56244	6.04	56343.51	56344.33203	56358.80306	56358.74609	503425.7	5410927.8
L3430.0	503425.7	5410926.3	39353.19922	301.74	0	48.851296	-86.953303	56336.51	56244	6.04	56342.55	56343.38281	56346.43796	56346.40625	503425.7	5410926.3
L3430.0	503425.6	5410925.1	39353.30078	303.41	0	48.851285	-86.953305	56335.79	56244	6.04	56341.84	56342.67969	56337.85283	56337.84766	503425.6	5410925.1
L3430.0	503425.6	5410925.1	39353.39844	301.95	0	48.851285	-86.953305	56335.71	56244	6.04	56341.76	56342.61328	56339.07442	56339.09766	503425.6	5410925.1
L3430.0	503425.5	5410923.7	39353.50000	301.14	0	48.851272	-86.953306	56335.28	56244	6.04	56341.32	56342.17969	56334.43275	56334.48047	503425.5	5410923.7
L3430.0	503425.4	5410922.3	39353.60156	300.29	0	48.851260	-86.953307	56335.13	56244	6.05	56341.18	56342.05078	56334.38648	56334.46094	503425.4	5410922.3
L3430.0	503425.3	5410921.1	39353.69922	300.35	0	48.851249	-86.953308	56335.25	56244	6.05	56341.30	56342.17969	56338.38533	56338.48828	503425.3	5410921.1
L3430.0	503425.3	5410921.1	39353.80078	303.07	0	48.851249	-86.953308	56335.61	56244	6.05	56341.66	56342.55078	56346.22654	56346.35938	503425.3	5410921.1
L3430.0	503425.3	5410919.9	39353.89844	305.51	0	48.851238	-86.953309	56335.31	56244	6.05	56341.36	56342.26172	56343.05693	56343.21875	503425.3	5410919.9
L3430.0	503425.2	5410918.2	39354.00000	304.40	0	48.851223	-86.953310	56335.33	56243.9	6.05	56341.38	56342.29297	56345.01151	56345.20313	503425.2	5410918.2
L3430.0	503425.2	5410917.3	39354.10156	303.14	0	48.851214	-86.953310	56334.87	56243.9	6.05	56340.92	56341.83984	56338.61307	56338.83203	503425.2	5410917.3
L3430.0	503425.1	5410915.9	39354.19922	303.11	0	48.851202	-86.953311	56334.97	56243.9	6.05	56341.03	56341.96094	56341.76175	56342.01172	503425.1	5410915.9
L3430.0	503425.1	5410915.9	39354.30078	302.41	0	48.851202	-86.953311	56334.85	56243.9	6.05	56340.90	56341.83984	56340.63242	56340.91797	503425.1	5410915.9
L3430.0	503425.1	5410915.9	39354.39844	301.35	0	48.851202	-86.953311	56334.83	56243.9	6.05	56340.88	56341.83203	56341.32415	56341.64063	503425.1	5410915.9
L3430.0	503425.0	5410913.9	39354.50000	303.33	0	48.851184	-86.953312	56335.10	56243.9	6.06	56341.16	56342.12109	56347.37959	56347.72656	503425.0	5410913.9
L3430.0	503425.0	5410912.6	39354.60156	301.37	0	48.851172	-86.953313	56335.00	56243.9	6.06	56341.05	56342.01953	56346.40637	56346.78516	503425.0	5410912.6
L3430.0	503424.9	5410910.7	39354.69922	302.97	0	48.851155	-86.953314	56334.90	56243.9	6.06	56340.96	56341.93750	56345.76224	56346.17188	503424.9	5410910.7
L3430.0	503424.9	5410910.7	39354.80078	303.27	0	48.851155	-86.953314	56334.64	56243.9	6.06	56340.70	56341.68750	56341.97029	56342.41406	503424.9	5410910.7
L3430.0	503424.8	5410909.5	39354.89844	302.43	0	48.851144	-86.953315	56334.11	56243.9	6.06	56340.17	56341.16797	56333.20597	56333.68359	503424.8	5410909.5
L3430.0	503424.8	5410908.5	39355.00000	303.32	0	48.851136	-86.953315	56334.21	56243.9	6.06	56340.27	56341.27734	56336.19127	56336.70313	503424.8	5410908.5
L3430.0	503424.8	5410908.5	39355.10156	303.16	0	48.851136	-86.953315	56334.46	56243.9	6.06	56340.52	56341.53516	56341.95667	56342.50000	503424.8	5410908.5
L3430.0	503424.7	5410906.4	39355.19922	304.48	0	48.851117	-86.953317	56334.44	56243.9	6.06	56340.50	56341.52344	56342.79137	56343.36719	503424.7	5410906.4
L3430.0	503424.7	5410905.6	39355.30078	292.64	0	48.851110	-86.953317	56334.39	56243.9	6.07	56340.45	56341.48438	56343.11650	56343.73047	503424.7	5410905.6
L3430.0	503424.7	5410905.6	39355.39844	291.52	0	48.851110	-86.953317	56334.39	56243.9	6.07	56340.46	56341.50000	56344.45602	56345.10156	503424.7	5410905.6
L3430.0	503424.6	5410904.0	39355.50000	302.98	0	48.851095	-86.953318	56334.72	56243.9	6.07	56340.79	56341.83984	56350.77046	56351.44922	503424.6	5410904.0
L3430.0	503424.6	5410904.0	39355.60156	306.69	0	48.851095	-86.953318	56334.52	56243.9	6.07	56340.59	56341.64844	56348.37010	56349.08203	503424.6	5410904.0
L3430.0	503424.5	5410902.5	39355.69922	305.84	0	48.851082	-86.953319	56334.14	56243.9	6.07	56340.21	56341.27734	56343.66373	56344.41016	503424.5	5410902.5

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L3430.0	503424.4	5410901.5	39355.80078	303.40	0	48.851072	-86.953320	56333.47	56243.9	6.08	56339.54	56340.61328	56336.00494	56336.78516	503424.4	5410901.5
L3430.0	503424.4	5410900.0	39355.89844	302.44	0	48.851059	-86.953321	56333.11	56243.9	6.08	56339.19	56340.26953	56333.52665	56334.33984	503424.4	5410900.0
L3430.0	503424.4	5410900.0	39356.00000	303.16	0	48.851059	-86.953321	56333.47	56243.9	6.08	56339.55	56340.64063	56338.67130	56339.51953	503424.4	5410900.0
L3430.0	503424.3	5410898.4	39356.10156	301.71	0	48.851045	-86.953322	56333.55	56243.9	6.08	56339.63	56340.72656	56340.15046	56341.03125	503424.3	5410898.4
L3430.0	503424.2	5410896.9	39356.19922	300.71	0	48.851032	-86.953323	56333.63	56243.9	6.08	56339.71	56340.81250	56341.42994	56342.34375	503424.2	5410896.9
L3430.0	503424.2	5410896.9	39356.30078	302.62	0	48.851032	-86.953323	56333.54	56243.9	6.08	56339.62	56340.73047	56340.12047	56341.06641	503424.2	5410896.9
L3430.0	503424.1	5410894.5	39356.39844	301.19	0	48.851010	-86.953325	56333.27	56243.9	6.08	56339.35	56340.46875	56339.56510	56340.54297	503424.1	5410894.5
L3430.0	503424.1	5410894.5	39356.50000	290.87	0	48.851010	-86.953325	56333.03	56243.9	6.08	56339.12	56340.24219	56339.06273	56340.07422	503424.1	5410894.5
L3430.0	503424.0	5410892.3	39356.60156	290.61	0	48.850990	-86.953326	56333.06	56243.9	6.09	56339.15	56340.28125	56338.83784	56339.87891	503424.0	5410892.3
L3430.0	503424.0	5410892.3	39356.69922	289.08	0	48.850990	-86.953326	56332.88	56243.9	6.09	56338.97	56340.10547	56338.58306	56339.65625	503424.0	5410892.3
L3430.0	503423.9	5410890.7	39356.80078	288.92	0	48.850976	-86.953327	56332.86	56243.9	6.09	56338.95	56340.08984	56338.26011	56339.36328	503423.9	5410890.7
L3430.0	503423.9	5410889.4	39356.89844	292.07	0	48.850964	-86.953328	56332.95	56243.9	6.09	56339.04	56340.18750	56338.08455	56339.21875	503423.9	5410889.4
L3430.0	503423.8	5410888.1	39357.00000	291.50	0	48.850952	-86.953329	56332.98	56243.9	6.09	56339.07	56340.22266	56337.85516	56339.01953	503423.8	5410888.1
L3430.0	503423.8	5410888.1	39357.10156	290.78	0	48.850952	-86.953329	56332.81	56243.9	6.09	56338.90	56340.05859	56337.52365	56338.71484	503423.8	5410888.1
L3430.0	503423.8	5410886.4	39357.19922	290.23	0	48.850937	-86.953330	56332.40	56243.9	6.09	56338.49	56339.65234	56337.11693	56338.33594	503423.8	5410886.4
L3430.0	503423.8	5410886.4	39357.30078	290.07	0	48.850937	-86.953330	56332.12	56243.9	6.09	56338.21	56339.37891	56336.80791	56338.05469	503423.8	5410886.4
L3430.0	503423.7	5410884.3	39357.39844	289.69	0	48.850918	-86.953331	56331.94	56243.9	6.09	56338.03	56339.20313	56336.56314	56337.83594	503423.7	5410884.3
L3430.0	503423.6	5410882.8	39357.50000	287.63	0	48.850904	-86.953332	56331.98	56243.9	6.10	56338.08	56339.25391	56336.40195	56337.70313	503423.6	5410882.8
L3430.0	503423.6	5410882.8	39357.60156	286.13	0	48.850904	-86.953332	56331.96	56243.9	6.10	56338.06	56339.23828	56336.22706	56337.55078	503423.6	5410882.8
L3430.0	503423.5	5410881.0	39357.69922	287.17	0	48.850888	-86.953333	56331.78	56243.9	6.10	56337.88	56339.06250	56336.02731	56337.37500	503423.5	5410881.0
L3430.0	503423.5	5410881.0	39357.80078	287.26	0	48.850888	-86.953333	56331.50	56243.9	6.10	56337.60	56338.78516	56335.82498	56337.19922	503423.5	5410881.0
L3430.0	503423.5	5410879.7	39357.89844	286.33	0	48.850876	-86.953334	56331.30	56243.9	6.10	56337.40	56338.58984	56335.65390	56337.05078	503423.5	5410879.7
L3430.0	503423.4	5410878.4	39358.00000	289.17	0	48.850865	-86.953334	56331.12	56243.9	6.10	56337.22	56338.41016	56335.49772	56336.91406	503423.4	5410878.4
L3430.0	503423.4	5410878.4	39358.10156	290.28	0	48.850865	-86.953334	56330.99	56243.9	6.10	56337.09	56338.28516	56335.35761	56336.79297	503423.4	5410878.4
L3430.0	503423.3	5410876.6	39358.19922	292.65	0	48.850849	-86.953335	56331.56	56243.9	6.11	56337.66	56338.85547	56335.31502	56336.77344	503423.3	5410876.6
L3430.0	503423.3	5410875.1	39358.30078	292.40	0	48.850835	-86.953336	56331.66	56243.9	6.11	56337.77	56338.96875	56335.20847	56336.68359	503423.3	5410875.1
L3430.0	503423.2	5410873.8	39358.39844	291.69	0	48.850824	-86.953337	56331.38	56243.9	6.11	56337.49	56338.69141	56335.05709	56336.55078	503423.2	5410873.8
L3430.0	503423.2	5410873.8	39358.50000	292.40	0	48.850824	-86.953337	56330.98	56243.9	6.11	56337.10	56338.30078	56334.89805	56336.40625	503423.2	5410873.8
L3430.0	503423.2	5410872.6	39358.60156	292.94	0	48.850813	-86.953338	56330.62	56243.9	6.12	56336.73	56337.93359	56334.74572	56336.26953	503423.2	5410872.6
L3430.0	503423.1	5410870.9	39358.69922	293.47	0	48.850798	-86.953339	56330.54	56243.9	6.12	56336.66	56337.86328	56334.62496	56336.16406	503423.1	5410870.9
L3430.0	503423.0	5410869.3	39358.80078	292.42	0	48.850783	-86.953340	56330.15	56243.9	6.12	56336.27	56337.47266	56334.47758	56336.02734	503423.0	5410869.3
L3430.0	503423.0	5410869.3	39358.89844	289.46	0	48.850783	-86.953340	56330.13	56243.9	6.13	56336.26	56337.46484	56334.36286	56335.92578	503423.0	5410869.3
L3430.0	503423.0	5410867.3	39359.00000	289.46	0	48.850765	-86.953341	56330.40	56243.9	6.13	56336.53	56337.73438	56334.26175	56335.83203	503423.0	5410867.3
L3430.0	503423.0	5410867.3	39359.10156	288.11	0	48.850765	-86.953341	56330.71	56243.9	6.13	56336.84	56338.04297	56334.15150	56335.73047	503423.0	5410867.3
L3430.0	503422.9	5410865.8	39359.19922	289.22	0	48.850752	-86.953341	56330.13	56243.9	6.12	56336.25	56337.45313	56334.00220	56335.58984	503422.9	5410865.8
L3430.0	503422.9	5410864.5	39359.30078	289.61	0	48.850739	-86.953342	56330.20	56243.9	6.12	56336.32	56337.51953	56333.87636	56335.47266	503422.9	5410864.5
L3430.0	503422.9	5410864.5	39359.39844	287.53	0	48.850739	-86.953342	56330.16	56243.9	6.11	56336.27	56337.46875	56333.74624	56335.34766	503422.9	5410864.5
L3430.0	503422.8	5410862.9	39359.50000	289.52	0	48.850726	-86.953342	56329.99	56243.9	6.11	56336.10	56337.29688	56333.61890	56335.22266	503422.8	5410862.9
L3430.0	503422.8	5410861.4	39359.60156	288.64	0	48.850712	-86.953343	56329.92	56243.9	6.11	56336.03	56337.22656	56333.49350	56335.09766	503422.8	5410861.4
L3430.0	503422.8	5410861.4	39359.69922	288.26	0	48.850712	-86.953343	56329.94	56243.9	6.10	56336.04	56337.23047	56333.36710	56334.97266	503422.8	5410861.4
L3430.0	503422.7	5410860.1	39359.80078	288.42	0	48.850700	-86.953344	56330.46	56243.9	6.10	56336.56	56337.75000	56333.20694	56334.81250	503422.7	5410860.1
L3430.0	503422.7	5410858.4	39359.89844	288.23	0	48.850685	-86.953345	56330.43	56243.9	6.09	56336.52	56337.70703	56333.08095	56334.68359	503422.7	5410858.4
L3430.0	503422.6	5410857.1	39360.00000	289.59	0	48.850673	-86.953345	56330.56	56243.9	6.09	56336.65	56337.83203	56332.94429	56334.54297	503422.6	5410857.1
L3430.0	503422.6	5410857.1	39360.10156	292.10	0	48.850673	-86.953345	56330.69	56243.9	6.09	56336.78	56337.96094	56332.81231	56334.40625	503422.6	5410857.1
L3430.0	503422.6	5410855.5	39360.19922	291.48	0	48.850658	-86.953346	56330.61	56243.9	6.09	56336.70	56337.87500	56332.71011	56334.30078	503422.6	5410855.5
L3430.0	503422.5	5410853.9	39360.30078	293.06	0	48.850644	-86.953347	56330.08	56243.9	6.09	56336.17	56337.34375	56332.66034	56334.24219	503422.5	5410853.9
L3430.0	503422.5	5410853.9	39360.39844	294.48	0	48.850644	-86.953347	56329.41	56243.9	6.09	56335.50	56336.66797	56332.62954	56334.20313	503422.5	5410853.9
L3430.0	503422.4	5410852.1	39360.50000	291.24	0	48.850628	-86.953349	56328.90	56243.9	6.10	56334.99	56336.15234	56332.58758	56334.14844	503422.4	5410852.1
L3430.0	503422.3	5410850.7	39360.60156	288.89	0	48.850616	-86.953350	56328.85	56243.9	6.10	56334.94	56336.09766	56332.51731	56334.06641	503422.3	5410850.7
L3430.0	503422.3	5410850.7	39360.69922	288.90	0	48.850616	-86.953350	56328.92	56243.9	6.10	56335.02	56336.17188	56332.45475	56333.98828	503422.3	5410850.7
L3430.0	503422.2	5410849.1	39360.80078	288.19	0	48.850601	-86.953351	56329.03	56243.9	6.10	56335.13	56336.27734	56332.41169	56333.93359	503422.2	5410849.1
L3430.0	503422.2	5410847.9	39360.89844	291.38	0	48.850591	-86.953352	56328.92	56243.9	6.10	56335.02	56336.16016	56332.39249	56333.89844	503422.2	5410847.9
L3430.0	503422.2	5410847.9	39361.00000	291.34	0	48.850591	-86.953352	56328.80	56243.9	6.10	56334.90	56336.03516	56332.38677	56333.87109	503422.2	5410847.9
L3430.0	503422.1	5410846.4	39361.10156	288.01	0	48.850577	-86.953353	56328.80	56243.9	6.10	56334.90	56336.02734	56332.40155	56333.86719	503422.1	5410846.4
L3430.0	503422.0	5410844.7	39361.19922	288.55	0	48.850562	-86.953354	56328.78	56243.9	6.10	56334.88	56336.00391	56332.43418	56333.87891	503422.0	5410844.7
L3430.0	503422.0	5410844.7	39361.30078	289.43	0	48.850562	-86.953354	56328.66	56243.9	6.10	56334.76	56335.87500	56332.46976	56333.89453	503422.0	5410844.7
L3430.0	503422.0	5410843.1	39361.39844	289.82	0	48.850547	-86.953355	56328.73	56243.9	6.10	56334.82	56335.92969	56332.54817	56333.94922	503422.0	5410843.1
L3430.0	503421.9	5410841.8	39361.50000	290.14	0	48.850536	-86.953355	56328.84	56243.9	6.10	56334.94	56336.04297	56332.66468	56334.03906	503421.9	5410841.8
L3430.0	503421.9	5410841.8	39361.60156	291.34	0	48.850536	-86.953355	56329.16	56243.9	6.09	56335.25	56336.34375	56332.86668	56334.21484	503421.9	5410841.8
L3430.0	503421.9	5410839.7	39361.69922	303.44	0	48.850516	-86.953356	56328.92	56243.9	6.09	56335.01	56336.09375	56332.92423	56334.24219	503421.9	5410839.7
L3430.0	503421.8	5410838.4	39361.80078	304.56	0	48.850505	-86.953357	56328.95	56243.9	6.09	56335.04	56336.11719	56333.07937	56334.36719	503421.8	5410838.4
L3430.0	503421.8	5410838.4	39361.89844	290.01	0	48.850505	-86.953357	56328.80	56243.9	6.09	56334.89	56335.96094	56333.16673	56334.42578	503421.8	5410838.4
L3430.0	503421.8	5410836.7	39362.00000	290.07	0	48.850490	-86.953357	56328.80	56243.9	6.09	56334.89	56335.95313	56333.32721	56334.55469	503421.8	5410836.7
L3430.0	503421.7	5410835.8	39362.10156	302.57	0	48.850481	-86.953358	56328.42	56243.9	6.09	56334.50	56335.55078	56333.26913	56334.46094	503421.7	5410835.8
L3430.0	503421.7	5410834.5	39362.19922	300.02	0	48.850470	-86.953358	56328.32	56243.9	6.08	56334.40	56335.44531	56333.36111	56334.51953	503421.7	5410834.5
L3430.0	503421.7	5410834.5	39362.30078	298.67	0	48.850470	-86.953358	56328.42	56243.9	6.08	56334.50	56335.53516	56333.59051	56334.71094	503421.7	5410834.5
L3430.0	503421.6	5410832.7	39362.39844	289.74	0	48.850454	-86.953359	56328.36	56243.9	6.08	56334.44	56335.46484	56333.75530	56334.83594	503421.6	5410832.7
L3430.0	503421.6	5410831.3	39362.50000	288.29	0	48.850441	-86.953360	56328.39	56243.9	6.07	56334.47	56335.48438	56333.88937	56334.93359	503421.6	5410831.3
L3430.0	503421.6	5410831.3	39362.60156	297.59	0	48.850441	-86.953360	56328.39	56243.9	6.07	56334.46	56335.46484	56334.05170	56335.05469	503421.6	5410831.3
L3430.0	503421.5	5410829.8	39362.69922	297.58	0	48.850428	-86.953361	56328.34	56243.9	6.07	56334.41	56335.40625	56334.19252	56335.15234	503421.5	5410829.8
L3430.0	503421.4	5410828.7	39362.80078	297.73	0	48.850418	-86.953362	56328.26	56243.9	6.07	56334.33	56335.31641	56334.28720	56335.20703	503421.4	5410828.7
L3430.0	503421.4	5410828.7	39362.89844	296.51	0	48.850418	-86.953362	56328.19	56243.9	6.06	56334.25	56335.22656	56334.15858	56335.03125	503421.4	5410828.7
L3430.0	503421.3	5410826.2	39363.00000	296.97	0	48.850395	-86.953364	56328.26	56243.9	6.06	56334.32	56335.28516	56335.11158	56335.94141	503421.3	5410826.2
L3430.0	503421.2	5410824.9	39363.10156	299.48	0	48.850384	-86.953365	56328.18	56243.9	6.06	56334.24	56335.19531	56333.60981	56334.39063	503421.2	5410824.9
L3430.0	503421.2	5410824.9	39363.19922	299.20	0	48.850384	-86.953365	56328.32	56243.9	6.06	56334.38	56335.32813	56336.25373	56336.98828	503421.2	5410824.9
L3430.0	503421.2	5410824.9	39363.30078	298.13	0	48.850384	-86.953365	56328.14	56243.9	6.07	56334.21	56335.14453	56333.93815	56334.62500	503421.2	5410824.9
L3430.0	503421.1	5410823.2	39363.39844	299.16	0	48.850368	-86.953366	56328.11	56243.9	6.07	56334.18	56335.10547	56334.54141	56335.17969	503421.1	5410823.2
L3430.0	503421.0	5410821.5	39363.50000	299.94	0	48.850353	-86.953367	56328.19	56243.9	6.07	56334.26	56335.17578	56335.60312	56336.19141	503421.0	5410821.5
L3430.0	503421.0	5410821.5	39363.60156	300.33	0	48.850353	-86.953367	56328.14	56243.9	6.07	56334.21	56335.11328	56334.33999	56334.87500	503421.0	5410821.5
L3430.0	503421.0	5410820.1	39363.69922	301.34	0	48.850341	-86.953368	56328.11	56243.9	6.07	56334.18	56335.07422	56335.52320	56336.00391	503421.0	5410820.1
L3430.0	503420.9	5410818.8	39363.80078	302.03	0	48.850329	-86.953370	56328.08	56243.9	6.08	56334.16	56335.04297	56333.30718	56333.73438	503420.9	5410818.8
L3430.0	503420.9	5410818.8	39363.89844	301.04	0	48.850329	-86.953370	56328.19	56243.9	6.08	56334.27	56335.14063	56337.07771	56337.45313	503420.9	5410818.8
L3430.0	503420.8	5410817.3	39364.00000	299.98	0	48.850315	-86.953371	56327.93	56243.9	6.08	56334.01	56334.87109	56332.02891	56332.34766	503420.8	5410817.3
L3430.0	503420.7	5410815.8	39364.10156	300.28	0	48.850302	-86.953372	56328.26	56243.9	6.08	56334.34	56335.18750	56336.00473	56336.26953	503420.7	5410815.8
L3430.0	503420.6	5410814.5	39364.19922	302.65	0	48.850290	-86.953373	56328.19	56243.9	6.08	56334.27	56335.10547	56334.06970	56334.27734	503420.6	5410814.5
L3430.0	503420.6	5410814.5	39364.30078	298.90	0	48.850290	-86.953373	56328.29	56243.9	6.08	56334.36	56335.18750	56334.36000	56334.50781	503420.6	5410814.5
L3430.0	503420.6	5410813.0	39364.39844	298.70	0	48.850277	-86.953374	56328.32	56243.9	6.08	56334.39	56335.20313	56334.14133	56334.23047	503420.6	5410813.0
L3430.0	503420.5	5410811.4	39364.50000	297.22	0	48.850262	-86.953375	56328.19	56243.9	6.08	56334.26	56335.06250	56333.85243	56333.88281	503420.5	5410811.4
L3430.0	503420.5	5410811.4	39364.60156	297.82	0	48.850262	-86.953375	56328.29	56243.9	6.07	56334.36	56335.15234	56333.59135	56333.56250	503420.5	5410811.4
L3430.0	503420.5	5410810.1	39364.69922	299.83	0	48.850250	-86.953375	56328.16	56243.9	6.07	56334.23	56335.01172	56333.39873	56333.30859	503420.5	5410810.1
L3430.0	503420.5	5410808.7	39364.80078	298.86	0	48.850238	-86.953375	56328.28	56243.9	6.07	56334.35	56335.12109	56333.07971	56332.92969	503420.5	5410808.7
L3430.0	503420.5	5410807.2	39364.89844	284.35	0	48.850224	-86.953374	56328.26	56243.9	6.07	56334.33	56335.08984	56332.76506	56332.55469	503420.5	5410807.2
L3430.0	503420.5	5410807.2	39365.00000	288.22	0	48.850224	-86.953374	56328.36	56243.9	6.07	56334.43	56335.17969	56332.51054	56332.23828	503420.5	5410807.2

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L3430.0	503420.6	5410805.4	39365.10156	302.09	0	48.850208	-86.953374	56328.26	56243.9	6.07	56334.33	56335.06641	56332.14629	56331.81250	503420.6	5410805.4
L3430.0	503420.6	5410805.4	39365.19922	303.86	0	48.850208	-86.953374	56328.19	56243.9	6.07	56334.26	56334.98438	56331.81185	56331.41406	503420.6	5410805.4
L3430.0	503420.6	5410803.9	39365.30078	304.68	0	48.850194	-86.953374	56328.36	56243.9	6.07	56334.43	56335.14453	56331.57149	56331.11328	503420.6	5410803.9
L3430.0	503420.6	5410802.3	39365.39844	304.12	0	48.850180	-86.953373	56328.32	56243.9	6.07	56334.39	56335.09375	56331.26557	56330.74219	503420.6	5410802.3
L3430.0	503420.6	5410802.3	39365.50000	287.83	0	48.850180	-86.953373	56328.36	56243.9	6.07	56334.43	56335.12109	56330.99192	56330.40625	503420.6	5410802.3
L3430.0	503420.6	5410800.9	39365.60156	288.97	0	48.850167	-86.953373	56329.92	56243.9	6.07	56335.99	56336.67188	56330.92735	56330.27734	503420.6	5410800.9
L3430.0	503420.6	5410799.5	39365.69922	289.30	0	48.850155	-86.953373	56330.94	56243.9	6.07	56337.01	56337.67969	56330.66515	56329.95313	503420.6	5410799.5
L3430.0	503420.6	5410798.4	39365.80078	289.31	0	48.850145	-86.953373	56330.45	56243.9	6.07	56336.52	56337.17969	56330.27657	56329.50000	503420.6	5410798.4
L3430.0	503420.6	5410798.4	39365.89844	286.63	0	48.850145	-86.953373	56329.70	56243.9	6.07	56335.76	56336.41016	56329.95707	56329.11719	503420.6	5410798.4
L3430.0	503420.6	5410796.3	39366.00000	286.46	0	48.850126	-86.953373	56329.03	56243.9	6.07	56335.10	56335.73828	56329.71064	56328.80469	503420.6	5410796.3
L3430.0	503420.6	5410795.5	39366.10156	288.06	0	48.850119	-86.953374	56328.44	56243.9	6.07	56334.51	56335.14063	56329.52268	56328.55469	503420.6	5410795.5
L3430.0	503420.6	5410795.5	39366.19922	289.70	0	48.850119	-86.953374	56328.16	56243.9	6.07	56334.23	56334.84766	56329.35652	56328.32422	503420.6	5410795.5
L3430.0	503420.6	5410793.8	39366.30078	288.34	0	48.850103	-86.953374	56328.29	56243.9	6.07	56334.36	56334.96875	56329.17279	56328.07813	503420.6	5410793.8
L3430.0	503420.6	5410792.5	39366.39844	287.10	0	48.850092	-86.953374	56327.96	56243.9	6.07	56334.03	56334.62891	56329.06940	56327.91016	503420.6	5410792.5
L3430.0	503420.6	5410790.8	39366.50000	287.42	0	48.850077	-86.953374	56328.16	56243.9	6.07	56334.23	56334.82031	56328.91642	56327.69531	503420.6	5410790.8
L3430.0	503420.6	5410790.8	39366.60156	287.37	0	48.850077	-86.953374	56328.39	56243.9	6.07	56334.46	56335.03906	56328.77886	56327.49219	503420.6	5410790.8
L3430.0	503420.6	5410789.9	39366.69922	287.98	0	48.850069	-86.953374	56328.72	56243.9	6.07	56334.79	56335.35938	56328.65146	56327.30469	503420.6	5410789.9
L3430.0	503420.6	5410788.6	39366.80078	289.18	0	48.850057	-86.953374	56328.77	56243.9	6.07	56334.84	56335.40234	56328.59480	56327.18359	503420.6	5410788.6
L3430.0	503420.5	5410787.3	39366.89844	289.03	0	48.850045	-86.953374	56328.49	56243.9	6.07	56334.56	56335.11328	56328.61072	56327.13672	503420.5	5410787.3
L3430.0	503420.5	5410787.3	39367.00000	289.01	0	48.850045	-86.953374	56328.54	56243.9	6.07	56334.61	56335.15234	56328.62146	56327.08594	503420.5	5410787.3
L3430.0	503420.5	5410785.7	39367.10156	289.51	0	48.850031	-86.953374	56328.14	56243.9	6.07	56334.21	56334.74609	56328.71030	56327.11328	503420.5	5410785.7
L3430.0	503420.6	5410784.3	39367.19922	288.23	0	48.850019	-86.953374	56327.93	56243.9	6.08	56334.00	56334.52734	56328.81213	56327.15625	503420.6	5410784.3
L3430.0	503420.6	5410784.3	39367.30078	288.40	0	48.850019	-86.953374	56327.88	56243.9	6.08	56333.96	56334.48047	56328.94598	56327.23047	503420.6	5410784.3
L3430.0	503420.6	5410782.6	39367.39844	289.00	0	48.850003	-86.953374	56327.66	56243.9	6.08	56333.74	56334.25000	56329.11309	56327.33594	503420.6	5410782.6
L3430.0	503420.6	5410781.3	39367.50000	291.83	0	48.849991	-86.953374	56327.70	56243.9	6.08	56333.78	56334.28516	56329.33906	56327.50391	503420.6	5410781.3
L3430.0	503420.6	5410781.3	39367.60156	287.47	0	48.849991	-86.953374	56326.84	56243.9	6.09	56332.93	56333.42578	56329.44162	56327.54688	503420.6	5410781.3
L3430.0	503420.6	5410779.4	39367.69922	287.47	0	48.849975	-86.953374	56327.08	56243.9	6.09	56333.17	56333.66016	56329.76234	56327.81250	503420.6	5410779.4
L3430.0	503420.6	5410777.8	39367.80078	287.75	0	48.849960	-86.953374	56328.04	56243.9	6.09	56334.13	56334.61328	56330.41591	56328.40625	503420.6	5410777.8
L3430.0	503420.6	5410777.8	39367.89844	288.96	0	48.849960	-86.953374	56328.19	56243.9	6.10	56334.29	56334.76563	56330.91576	56328.85156	503420.6	5410777.8
L3430.0	503420.6	5410776.5	39368.00000	291.36	0	48.849948	-86.953374	56327.37	56243.9	6.10	56333.47	56333.93750	56330.96271	56328.84375	503420.6	5410776.5
L3430.0	503420.6	5410774.9	39368.10156	290.29	0	48.849934	-86.953374	56326.70	56243.9	6.10	56332.80	56333.26172	56330.98658	56328.81250	503420.6	5410774.9
L3430.0	503420.6	5410773.2	39368.19922	299.60	0	48.849919	-86.953374	56326.64	56243.9	6.10	56332.74	56333.19531	56331.34645	56329.12109	503420.6	5410773.2
L3430.0	503420.6	5410773.2	39368.30078	287.75	0	48.849919	-86.953374	56326.55	56243.9	6.10	56332.65	56333.10156	56331.84782	56329.56641	503420.6	5410773.2
L3430.0	503420.6	5410772.0	39368.39844	286.95	0	48.849908	-86.953374	56326.63	56243.9	6.10	56332.73	56333.17578	56332.18194	56329.85156	503420.6	5410772.0
L3430.0	503420.6	5410770.5	39368.50000	301.90	0	48.849895	-86.953374	56326.58	56243.9	6.10	56332.68	56333.12109	56332.56814	56330.18750	503420.6	5410770.5
L3430.0	503420.6	5410770.5	39368.60156	302.64	0	48.849895	-86.953374	56326.71	56243.9	6.11	56332.82	56333.25781	56334.23724	56331.80469	503420.6	5410770.5
L3430.0	503420.6	5410768.8	39368.69922	303.03	0	48.849879	-86.953374	56326.38	56243.9	6.11	56332.48	56332.91016	56330.77823	56328.30078	503420.6	5410768.8
L3430.0	503420.6	5410768.8	39368.80078	302.97	0	48.849879	-86.953374	56326.42	56243.9	6.11	56332.53	56332.95703	56336.75490	56334.22656	503420.6	5410768.8
L3430.0	503420.6	5410767.0	39368.89844	303.17	0	48.849863	-86.953373	56326.20	56243.9	6.11	56332.30	56332.72266	56332.46533	56329.89063	503420.6	5410767.0
L3430.0	503420.6	5410765.7	39369.00000	303.17	0	48.849851	-86.953373	56326.35	56243.9	6.11	56332.46	56332.87891	56334.25546	56331.63672	503420.6	5410765.7
L3430.0	503420.7	5410764.5	39369.10156	303.49	0	48.849841	-86.953373	56326.45	56243.9	6.11	56332.57	56332.98828	56336.02544	56333.36328	503420.7	5410764.5
L3430.0	503420.7	5410764.5	39369.19922	305.30	0	48.849841	-86.953373	56326.83	56243.9	6.12	56332.95	56333.36328	56340.99207	56338.28906	503420.7	5410764.5
L3430.0	503420.7	5410763.0	39369.30078	305.46	0	48.849827	-86.953372	56326.81	56243.9	6.12	56332.92	56333.33203	56341.89850	56339.15234	503420.7	5410763.0
L3430.0	503420.8	5410761.6	39369.39844	303.47	0	48.849814	-86.953371	56326.58	56243.9	6.12	56332.70	56333.10938	56340.42185	56337.63281	503420.8	5410761.6
L3430.0	503420.8	5410761.6	39369.50000	302.47	0	48.849814	-86.953371	56326.04	56243.9	6.13	56332.16	56332.56641	56334.59056	56331.76172	503420.8	5410761.6
L3430.0	503420.8	5410760.3	39369.60156	298.38	0	48.849803	-86.953371	56325.02	56243.9	6.13	56331.15	56331.55469	56322.11287	56319.25000	503420.8	5410760.3
L3430.0	503420.9	5410759.0	39369.69922	298.27	0	48.849791	-86.953370	56325.20	56243.9	6.13	56331.33	56331.73438	56325.36542	56322.46484	503420.9	5410759.0
L3430.0	503421.0	5410757.4	39369.80078	297.60	0	48.849777	-86.953369	56324.87	56243.9	6.13	56331.00	56331.40234	56321.86841	56318.92969	503421.0	5410757.4
L3430.0	503421.0	5410755.9	39369.89844	297.18	0	48.849763	-86.953368	56325.84	56243.9	6.14	56331.98	56332.38281	56336.64248	56333.67188	503421.0	5410755.9
L3430.0	503421.0	5410755.9	39370.00000	300.72	0	48.849763	-86.953368	56326.17	56243.9	6.14	56332.31	56332.71094	56342.59502	56339.58984	503421.0	5410755.9
L3430.0	503421.0	5410754.3	39370.10156	300.19	0	48.849748	-86.953368	56326.66	56243.9	6.14	56332.79	56333.19141	56350.74472	56347.71094	503421.0	5410754.3
L3430.0	503421.0	5410754.3	39370.19922	298.73	0	48.849748	-86.953368	56326.43	56243.9	6.13	56332.56	56332.96094	56349.04783	56345.98438	503421.0	5410754.3
L3430.0	503421.1	5410752.5	39370.30078	300.62	0	48.849732	-86.953367	56325.96	56243.9	6.13	56332.08	56332.48438	56343.85885	56340.76563	503421.1	5410752.5
L3430.0	503421.1	5410750.5	39370.39844	301.88	0	48.849714	-86.953367	56325.28	56243.9	6.12	56331.40	56331.80469	56335.76703	56332.64453	503421.1	5410750.5
L3430.0	503421.1	5410750.5	39370.50000	300.68	0	48.849714	-86.953367	56324.41	56243.9	6.12	56330.53	56330.93359	56324.72360	56321.57813	503421.1	5410750.5
L3430.0	503421.1	5410749.2	39370.60156	301.87	0	48.849702	-86.953367	56323.77	56243.9	6.12	56329.88	56330.28516	56316.56407	56313.39453	503421.1	5410749.2
L3430.0	503421.1	5410748.0	39370.69922	302.74	0	48.849692	-86.953367	56324.21	56243.9	6.11	56330.32	56330.73047	56324.60551	56321.41406	503421.1	5410748.0
L3430.0	503421.1	5410748.0	39370.80078	300.70	0	48.849692	-86.953367	56325.02	56243.9	6.11	56331.13	56331.54297	56338.81090	56335.59766	503421.1	5410748.0
L3430.0	503421.1	5410746.4	39370.89844	302.08	0	48.849677	-86.953367	56325.15	56243.9	6.10	56331.26	56331.67578	56343.00601	56339.76953	503421.1	5410746.4
L3430.0	503421.1	5410744.6	39371.00000	304.03	0	48.849661	-86.953367	56325.18	56243.9	6.10	56331.28	56331.69531	56345.74241	56342.48828	503421.1	5410744.6
L3430.0	503421.1	5410743.2	39371.10156	304.29	0	48.849649	-86.953367	56324.46	56243.9	6.10	56330.56	56330.98047	56336.52550	56333.25781	503421.1	5410743.2
L3430.0	503421.1	5410743.2	39371.19922	304.17	0	48.849649	-86.953367	56323.98	56243.9	6.11	56330.08	56330.50391	56331.20495	56327.92188	503421.1	5410743.2
L3430.0	503421.1	5410741.9	39371.30078	305.56	0	48.849637	-86.953367	56323.46	56243.9	6.11	56329.57	56330.00000	56325.45753	56322.15625	503421.1	5410741.9
L3430.0	503421.1	5410741.9	39371.39844	305.17	0	48.849637	-86.953367	56323.21	56243.9	6.11	56329.32	56329.75391	56324.30211	56320.98828	503421.1	5410741.9
L3430.0	503421.1	5410740.6	39371.50000	305.37	0	48.849625	-86.953367	56323.23	56243.9	6.11	56329.35	56329.78906	56328.18025	56324.85547	503421.1	5410740.6
L3430.0	503421.1	5410738.8	39371.60156	303.24	0	48.849609	-86.953367	56323.56	56243.9	6.12	56329.68	56330.12500	56337.37392	56334.04297	503421.1	5410738.8
L3430.0	503421.1	5410738.8	39371.69922	289.95	0	48.849609	-86.953367	56323.93	56243.9	6.12	56330.05	56330.50000	56347.22662	56343.88672	503421.1	5410738.8
L3430.0	503421.1	5410737.0	39371.80078	288.74	0	48.849593	-86.953367	56323.92	56243.9	6.12	56330.04	56330.49609	56350.45286	56347.10547	503421.1	5410737.0
L3430.0	503421.1	5410735.6	39371.89844	303.73	0	48.849580	-86.953367	56323.97	56243.9	6.13	56330.10	56330.55859	56354.59782	56351.24219	503421.1	5410735.6
L3430.0	503421.2	5410734.1	39372.00000	304.02	0	48.849567	-86.953367	56322.90	56243.9	6.13	56329.03	56329.49609	56340.05011	56336.69141	503421.2	5410734.1
L3430.0	503421.2	5410734.1	39372.10156	304.86	0	48.849567	-86.953367	56322.16	56243.9	6.13	56328.29	56328.76563	56331.09751	56327.73828	503421.2	5410734.1
L3430.0	503421.2	5410732.8	39372.19922	303.09	0	48.849556	-86.953366	56320.86	56243.9	6.13	56326.99	56327.47266	56313.66686	56310.30469	503421.2	5410732.8
L3430.0	503421.2	5410731.5	39372.30078	302.66	0	48.849544	-86.953366	56320.88	56243.9	6.13	56327.02	56327.50781	56316.83512	56313.47266	503421.2	5410731.5
L3430.0	503421.2	5410731.5	39372.39844	302.02	0	48.849544	-86.953366	56320.92	56243.9	6.13	56327.05	56327.54688	56319.55478	56316.19141	503421.2	5410731.5
L3430.0	503421.2	5410730.0	39372.50000	299.12	0	48.849530	-86.953366	56320.88	56243.9	6.13	56327.02	56327.52344	56321.00405	56317.64453	503421.2	5410730.0
L3430.0	503421.3	5410728.3	39372.60156	297.77	0	48.849515	-86.953365	56320.96	56243.9	6.14	56327.09	56327.60156	56323.52443	56320.16797	503421.3	5410728.3
L3430.0	503421.4	5410726.5	39372.69922	298.21	0	48.849498	-86.953364	56321.30	56243.9	6.14	56327.43	56327.95313	56329.31061	56325.96094	503421.4	5410726.5
L3430.0	503421.4	5410726.5	39372.80078	299.36	0	48.849498	-86.953364	56321.60	56243.9	6.14	56327.74	56328.26953	56334.19312	56330.84766	503421.4	5410726.5
L3430.0	503421.4	5410725.0	39372.89844	299.70	0	48.849485	-86.953363	56321.66	56243.9	6.14	56327.80	56328.33984	56335.56552	56332.22656	503421.4	5410725.0
L3430.0	503421.5	5410723.2	39373.00000	300.92	0	48.849469	-86.953362	56321.68	56243.9	6.14	56327.82	56328.37109	56336.35970	56333.02734	503421.5	5410723.2
L3430.0	503421.5	5410723.2	39373.10156	300.23	0	48.849469	-86.953362	56321.30	56243.9	6.14	56327.43	56327.99219	56332.50438	56329.18359	503421.5	5410723.2
L3430.0	503421.6	5410721.7	39373.19922	301.19	0	48.849455	-86.953361	56321.04	56243.9	6.13	56327.17	56327.74219	56330.52256	56327.21484	503421.6	5410721.7
L3430.0	503421.6	5410720.4	39373.30078	303.71	0	48.849443	-86.953360	56320.98	56243.9	6.13	56327.11	56327.69141	56330.95913	56327.66406	503421.6	5410720.4
L3430.0	503421.6	5410720.4	39373.39844	301.45	0	48.849443	-86.953360	56321.35	56243.9	6.13	56327.48	56328.07031	56335.79124	56332.50781	503421.6	5410720.4
L3430.0	503421.7	5410719.0	39373.50000	302.03	0	48.849431	-86.953360	56320.86	56243.9	6.13	56326.98	56327.58203	56332.22790	56328.95703	503421.7	5410719.0
L3430.0	503421.7	5410717.0	39373.60156	302.00	0	48.849413	-86.953359	56320.56	56243.9	6.12	56326.68	56327.29688	56330.96161	56327.70703	503421.7	5410717.0
L3430.0	503421.7	5410717.0	39373.69922	302.30	0	48.849413	-86.953359	56319.89	56243.9	6.12	56326.01	56326.63672	56326.70101	56323.46484	503421.7	5410717.0
L3430.0	503421.7	5410715.6	39373.80078	303.23	0	48.849400	-86.953359	56319.96	56243.9	6.12	56326.08	56326.71875	56329.15145	56325.92969	503421.7	5410715.6
L3430.0	503421.8	5410713.7	39373.89844	290.31	0	48.849383	-86.953358	56319.94	56243.9	6.11	56326.05	56326.70313	56330.74944	56327.54688	503421.8	5410713.7
L3430.0	503421.8	5410712.3	39374.00000	289.69	0	48.849371	-86.953358	56319.54	56243.9	6.11	56325.65	56326.31250	56329.25790	56326.07422	503421.8	5410712.3
L3430.0	503421.8	5410712.3	39374.10156	303.44	0	48.849371	-86.953358	56319.22	56243.9	6.11	56325.33	56326.00781	56328.44030	56325.27734	503421.8	5410712.3
L3430.0	503421.8	5410712.3	39374.19922	290.92	0	48.849371	-86.953358	56318.32	56243.9	6.11	56324.43	56325.12109	56322.71812	56319.57813	503421.8	5410712.3
L3430.0	503421.8	5410710.3	39374.30078	291.32	0	48.849353	-86.953357	56317.98	56243.9	6.11	56324.09	56324.79297	56321.49808	56318.37891	503421.8	5410710.3

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L3430.0	503421.9	5410708.9	39374.39844	292.68	0	48.849340	-86.953357	56318.06	56243.9	6.11	56324.17	56324.88672	56323.62603	56320.52734	503421.9	5410708.9
L3430.0	503421.9	5410707.6	39374.50000	304.05	0	48.849329	-86.953357	56317.49	56243.9	6.11	56323.60	56324.33203	56319.97516	56316.89844	503421.9	5410707.6
L3430.0	503421.9	5410707.6	39374.60156	302.60	0	48.849329	-86.953357	56317.26	56243.9	6.11	56323.37	56324.11719	56318.92873	56315.87891	503421.9	5410707.6
L3430.0	503421.9	5410705.7	39374.69922	303.15	0	48.849311	-86.953356	56317.08	56243.9	6.11	56323.19	56323.94922	56318.02505	56315.00000	503421.9	5410705.7
L3430.0	503422.0	5410704.4	39374.80078	302.83	0	48.849300	-86.953356	56318.16	56243.9	6.11	56324.27	56325.04688	56328.77300	56325.77344	503422.0	5410704.4
L3430.0	503422.0	5410704.4	39374.89844	301.07	0	48.849300	-86.953356	56318.76	56243.9	6.11	56324.87	56325.66016	56335.43067	56332.45313	503422.0	5410704.4
L3430.0	503422.0	5410702.6	39375.00000	302.64	0	48.849284	-86.953355	56318.80	56243.9	6.11	56324.91	56325.71484	56336.76054	56333.81250	503422.0	5410702.6
L3430.0	503422.0	5410702.6	39375.10156	301.90	0	48.849284	-86.953355	56318.11	56243.9	6.11	56324.21	56325.03125	56330.17820	56327.25781	503422.0	5410702.6
L3430.0	503422.0	5410701.2	39375.19922	300.41	0	48.849270	-86.953355	56317.75	56243.9	6.11	56323.85	56324.68750	56326.78835	56323.89453	503422.0	5410701.2
L3430.0	503422.0	5410699.3	39375.30078	300.88	0	48.849253	-86.953355	56317.29	56243.9	6.10	56323.39	56324.24219	56321.96122	56319.09766	503422.0	5410699.3
L3430.0	503422.0	5410697.8	39375.39844	302.48	0	48.849241	-86.953355	56317.46	56243.9	6.10	56323.57	56324.43750	56324.68579	56321.84766	503422.0	5410697.8
L3430.0	503422.0	5410697.8	39375.50000	302.44	0	48.849241	-86.953355	56317.64	56243.9	6.10	56323.74	56324.62500	56327.71986	56324.91016	503422.0	5410697.8
L3430.0	503422.0	5410696.0	39375.60156	303.18	0	48.849224	-86.953355	56317.81	56243.9	6.10	56323.90	56324.80078	56331.05832	56328.28125	503422.0	5410696.0
L3430.0	503422.0	5410696.0	39375.69922	302.91	0	48.849224	-86.953355	56317.77	56243.9	6.10	56323.87	56324.78906	56332.22626	56329.48047	503422.0	5410696.0
L3430.0	503422.0	5410694.5	39375.80078	307.35	0	48.849210	-86.953355	56317.32	56243.9	6.09	56323.41	56324.34375	56327.82384	56325.10547	503422.0	5410694.5
L3430.0	503422.0	5410693.1	39375.89844	304.59	0	48.849198	-86.953355	56317.01	56243.9	6.09	56323.10	56324.05078	56325.65555	56322.96875	503422.0	5410693.1
L3430.0	503422.0	5410693.1	39376.00000	303.14	0	48.849198	-86.953355	56316.88	56243.9	6.09	56322.97	56323.93750	56326.08965	56323.43359	503422.0	5410693.1
L3430.0	503422.0	5410691.8	39376.10156	303.74	0	48.849186	-86.953355	56316.64	56243.9	6.09	56322.73	56323.71875	56325.23567	56322.61328	503422.0	5410691.8
L3430.0	503422.0	5410690.1	39376.19922	302.95	0	48.849171	-86.953356	56316.57	56243.9	6.09	56322.66	56323.66406	56326.45111	56323.85938	503422.0	5410690.1
L3430.0	503422.0	5410688.8	39376.30078	290.68	0	48.849159	-86.953356	56316.70	56243.9	6.08	56322.79	56323.81250	56329.40032	56326.83984	503422.0	5410688.8
L3430.0	503422.0	5410688.8	39376.39844	293.55	0	48.849159	-86.953356	56316.45	56243.9	6.08	56322.53	56323.57031	56327.83728	56325.30859	503422.0	5410688.8
L3430.0	503422.0	5410686.7	39376.50000	302.83	0	48.849140	-86.953355	56316.14	56243.9	6.08	56322.22	56323.27734	56325.86712	56323.36719	503422.0	5410686.7
L3430.0	503422.0	5410685.3	39376.60156	300.87	0	48.849128	-86.953355	56315.51	56243.9	6.08	56321.59	56322.66797	56321.66109	56319.19531	503422.0	5410685.3
L3430.0	503422.0	5410685.3	39376.69922	300.28	0	48.849128	-86.953355	56315.07	56243.9	6.08	56321.14	56322.23438	56321.84888	56319.41797	503422.0	5410685.3
L3430.0	503422.0	5410684.0	39376.80078	302.03	0	48.849116	-86.953355	56314.66	56243.9	6.07	56320.73	56321.84375	56320.85684	56318.45703	503422.0	5410684.0
L3430.0	503422.1	5410682.3	39376.89844	301.73	0	48.849101	-86.953355	56314.33	56243.9	6.07	56320.40	56321.53125	56320.14704	56317.77734	503422.1	5410682.3
L3430.0	503422.1	5410682.3	39377.00000	299.64	0	48.849101	-86.953355	56314.45	56243.9	6.07	56320.52	56321.67188	56319.71966	56317.37891	503422.1	5410682.3
L3430.0	503422.1	5410679.7	39377.10156	297.33	0	48.849077	-86.953354	56314.68	56243.9	6.07	56320.75	56321.92188	56318.99967	56316.69531	503422.1	5410679.7
L3430.0	503422.2	5410679.0	39377.19922	297.16	0	48.849071	-86.953353	56315.24	56243.9	6.07	56321.31	56322.50000	56318.64030	56316.36719	503422.2	5410679.0
L3430.0	503422.2	5410679.0	39377.30078	287.73	0	48.849071	-86.953353	56315.36	56243.9	6.06	56321.42	56322.62891	56317.90409	56315.66016	503422.2	5410679.0
L3430.0	503422.2	5410677.6	39377.39844	288.89	0	48.849058	-86.953353	56315.07	56243.9	6.06	56321.13	56322.35938	56316.95627	56314.74219	503422.2	5410677.6
L3430.0	503422.2	5410677.6	39377.50000	288.91	0	48.849058	-86.953353	56314.48	56243.9	6.06	56320.54	56321.78906	56315.95426	56313.77344	503422.2	5410677.6
L3430.0	503422.3	5410675.8	39377.60156	288.18	0	48.849042	-86.953352	56313.92	56243.9	6.06	56319.98	56321.24609	56315.06743	56312.91797	503422.3	5410675.8
L3430.0	503422.3	5410674.5	39377.69922	287.78	0	48.849030	-86.953351	56313.66	56243.9	6.06	56319.72	56321.00781	56314.33507	56312.21484	503422.3	5410674.5
L3430.0	503422.4	5410673.1	39377.80078	286.44	0	48.849018	-86.953350	56313.56	56243.9	6.05	56319.62	56320.92578	56313.67549	56311.58594	503422.4	5410673.1
L3430.0	503422.4	5410671.7	39377.89844	287.36	0	48.849005	-86.953350	56313.77	56243.9	6.05	56319.82	56321.14453	56313.06574	56311.00391	503422.4	5410671.7
L3430.0	503422.4	5410671.7	39378.00000	287.46	0	48.849005	-86.953350	56313.54	56243.9	6.05	56319.59	56320.93750	56312.47945	56310.44922	503422.4	5410671.7
L3430.0	503422.5	5410669.4	39378.10156	287.19	0	48.848985	-86.953348	56313.71	56243.9	6.05	56319.76	56321.12500	56311.93114	56309.92969	503422.5	5410669.4
L3430.0	503422.5	5410668.6	39378.19922	287.46	0	48.848977	-86.953348	56313.56	56243.9	6.05	56319.62	56321.00781	56311.45419	56309.48047	503422.5	5410668.6
L3430.0	503422.6	5410667.0	39378.30078	287.14	0	48.848963	-86.953347	56313.67	56243.9	6.06	56319.72	56321.12500	56311.00949	56309.06641	503422.6	5410667.0
L3430.0	503422.6	5410667.0	39378.39844	288.04	0	48.848963	-86.953347	56312.84	56243.9	6.06	56318.90	56320.32813	56310.76523	56308.84766	503422.6	5410667.0
L3430.0	503422.6	5410665.1	39378.50000	288.07	0	48.848946	-86.953347	56312.55	56243.9	6.06	56318.61	56320.05469	56310.50509	56308.61328	503422.6	5410665.1
L3430.0	503422.7	5410663.7	39378.60156	288.66	0	48.848933	-86.953346	56312.41	56243.9	6.06	56318.48	56319.94531	56310.26697	56308.40234	503422.7	5410663.7
L3430.0	503422.7	5410663.7	39378.69922	290.07	0	48.848933	-86.953346	56312.44	56243.9	6.06	56318.50	56319.98828	56310.04581	56308.21094	503422.7	5410663.7
L3430.0	503422.7	5410662.2	39378.80078	289.79	0	48.848920	-86.953346	56312.57	56243.9	6.07	56318.64	56320.14844	56309.84440	56308.03125	503422.7	5410662.2
L3430.0	503422.7	5410662.2	39378.89844	287.02	0	48.848920	-86.953346	56312.23	56243.9	6.07	56318.30	56319.82813	56309.75171	56307.96484	503422.7	5410662.2
L3430.0	503422.7	5410660.6	39379.00000	288.32	0	48.848906	-86.953346	56312.00	56243.9	6.07	56318.07	56319.61719	56309.66102	56307.89844	503422.7	5410660.6
L3430.0	503422.7	5410659.3	39379.10156	289.83	0	48.848894	-86.953346	56311.47	56243.9	6.07	56317.53	56319.09766	56309.61781	56307.87891	503422.7	5410659.3
L3430.0	503422.8	5410657.5	39379.19922	289.97	0	48.848878	-86.953345	56311.21	56243.9	6.06	56317.27	56318.85938	56309.54167	56307.82813	503422.8	5410657.5
L3430.0	503422.8	5410657.5	39379.30078	291.05	0	48.848878	-86.953345	56310.86	56243.9	6.06	56316.91	56318.51953	56309.47228	56307.77734	503422.8	5410657.5
L3430.0	503422.8	5410656.7	39379.39844	289.42	0	48.848870	-86.953345	56310.80	56244	6.05	56316.85	56318.48047	56309.37608	56307.70313	503422.8	5410656.7
L3430.0	503422.8	5410655.2	39379.50000	289.84	0	48.848857	-86.953345	56310.71	56244	6.04	56316.75	56318.39844	56309.28161	56307.62891	503422.8	5410655.2
L3430.0	503422.8	5410653.7	39379.60156	290.87	0	48.848843	-86.953344	56310.81	56244	6.04	56316.85	56318.51953	56309.17736	56307.54688	503422.8	5410653.7
L3430.0	503422.8	5410653.7	39379.69922	290.46	0	48.848843	-86.953344	56310.86	56244	6.03	56316.89	56318.57813	56309.07375	56307.46484	503422.8	5410653.7
L3430.0	503422.9	5410652.1	39379.80078	289.37	0	48.848829	-86.953344	56310.29	56244	6.03	56316.32	56318.03125	56308.96267	56307.37109	503422.9	5410652.1
L3430.0	503422.9	5410650.4	39379.89844	290.39	0	48.848814	-86.953343	56310.09	56244	6.02	56316.12	56317.85156	56308.83463	56307.25781	503422.9	5410650.4
L3430.0	503422.9	5410650.4	39380.00000	291.61	0	48.848814	-86.953343	56309.61	56244	6.02	56315.63	56317.37891	56308.68314	56307.12500	503422.9	5410650.4
L3430.0	503423.0	5410648.9	39380.10156	290.21	0	48.848801	-86.953342	56309.86	56244	6.02	56315.88	56317.65234	56308.53678	56306.99609	503423.0	5410648.9
L3430.0	503423.1	5410646.9	39380.19922	289.84	0	48.848782	-86.953341	56309.43	56244	6.02	56315.45	56317.24219	56308.34747	56306.82031	503423.1	5410646.9
L3430.0	503423.1	5410646.9	39380.30078	292.06	0	48.848782	-86.953341	56309.43	56244	6.02	56315.45	56317.26172	56308.15522	56306.64453	503423.1	5410646.9
L3430.0	503423.1	5410645.2	39380.39844	292.42	0	48.848767	-86.953340	56309.38	56244	6.02	56315.39	56317.21875	56307.93907	56306.44141	503423.1	5410645.2
L3430.0	503423.1	5410643.9	39380.50000	294.17	0	48.848755	-86.953340	56309.04	56244	6.02	56315.06	56316.91016	56307.68769	56306.20313	503423.1	5410643.9
L3430.0	503423.1	5410643.9	39380.60156	292.79	0	48.848755	-86.953340	56308.87	56244	6.02	56314.89	56316.76172	56307.42245	56305.94922	503423.1	5410643.9
L3430.0	503423.2	5410642.2	39380.69922	290.32	0	48.848740	-86.953340	56308.46	56244	6.02	56314.48	56316.37109	56307.12583	56305.66797	503423.2	5410642.2
L3430.0	503423.2	5410640.7	39380.80078	288.76	0	48.848726	-86.953339	56308.59	56244	6.02	56314.61	56316.51953	56306.82847	56305.37891	503423.2	5410640.7
L3430.0	503423.2	5410640.7	39380.89844	287.58	0	48.848726	-86.953339	56307.88	56244	6.02	56313.89	56315.82031	56306.49027	56305.05078	503423.2	5410640.7
L3430.0	503423.2	5410639.4	39381.00000	289.81	0	48.848714	-86.953339	56307.54	56244	6.02	56313.56	56315.50781	56306.15418	56304.72266	503423.2	5410639.4
L3430.0	503423.2	5410637.9	39381.10156	291.76	0	48.848701	-86.953339	56307.20	56244	6.02	56313.22	56315.18750	56305.81107	56304.38672	503423.2	5410637.9
L3430.0	503423.2	5410636.5	39381.19922	291.71	0	48.848689	-86.953339	56307.05	56244	6.02	56313.07	56315.05469	56305.46222	56304.04688	503423.2	5410636.5
L3430.0	503423.2	5410636.5	39381.30078	290.83	0	48.848689	-86.953339	56306.60	56244	6.02	56312.62	56314.62500	56305.11642	56303.70703	503423.2	5410636.5
L3430.0	503423.3	5410634.7	39381.39844	292.14	0	48.848673	-86.953339	56306.24	56244	6.02	56312.25	56314.27344	56304.77232	56303.37109	503423.3	5410634.7
L3430.0	503423.3	5410633.4	39381.50000	291.53	0	48.848661	-86.953339	56306.34	56244	6.01	56312.35	56314.39453	56304.40958	56303.01172	503423.3	5410633.4
L3430.0	503423.3	5410633.4	39381.60156	288.47	0	48.848661	-86.953339	56306.11	56244	6.01	56312.12	56314.18359	56304.06454	56302.67188	503423.3	5410633.4
L3430.0	503423.3	5410632.0	39381.69922	287.91	0	48.848648	-86.953339	56305.78	56244	6.01	56311.79	56313.87109	56303.73533	56302.34375	503423.3	5410632.0
L3430.0	503423.3	5410630.0	39381.80078	287.83	0	48.848630	-86.953338	56305.07	56244	6.01	56311.08	56313.17969	56303.45193	56302.06641	503423.3	5410630.0
L3430.0	503423.3	5410628.9	39381.89844	287.64	0	48.848621	-86.953338	56304.45	56244	6.01	56310.46	56312.57813	56303.18250	56301.79688	503423.3	5410628.9
L3430.0	503423.3	5410628.9	39382.00000	288.49	0	48.848621	-86.953338	56304.36	56244	6.01	56310.37	56312.50781	56302.88127	56301.49609	503423.3	5410628.9
L3430.0	503423.3	5410627.3	39382.10156	287.35	0	48.848606	-86.953338	56304.68	56244	6.01	56310.69	56312.84375	56302.55272	56301.16797	503423.3	5410627.3
L3430.0	503423.3	5410625.8	39382.19922	288.33	0	48.848593	-86.953338	56305.14	56244	6.01	56311.15	56313.32031	56302.22516	56300.83984	503423.3	5410625.8
L3430.0	503423.3	5410624.6	39382.30078	289.66	0	48.848582	-86.953338	56305.50	56244	6.01	56311.51	56313.69922	56301.92895	56300.54297	503423.3	5410624.6
L3430.0	503423.3	5410624.6	39382.39844	288.82	0	48.848582	-86.953338	56305.32	56244	6.01	56311.33	56313.53906	56301.71327	56300.32422	503423.3	5410624.6
L3430.0	503423.4	5410623.0	39382.50000	288.39	0	48.848567	-86.953337	56304.75	56244	6.01	56310.76	56312.98438	56301.55646	56300.16406	503423.4	5410623.0
L3430.0	503423.4	5410621.4	39382.60156	287.90	0	48.848553	-86.953337	56304.28	56244	6.01	56310.29	56312.53125	56301.40675	56300.01172	503423.4	5410621.4
L3430.0	503423.4	5410621.4	39382.69922	287.94	0	48.848553	-86.953337	56303.94	56244	6.01	56309.95	56312.21094	56301.26477	56299.86719	503423.4	5410621.4
L3430.0	503423.4	5410620.0	39382.80078	290.73	0	48.848541	-86.953337	56303.48	56244	6.01	56309.49	56311.76563	56301.14981	56299.74609	503423.4	5410620.0
L3430.0	503423.4	5410618.6	39382.89844	292.79	0	48.848528	-86.953337	56303.34	56244	6.01	56309.35	56311.64453	56301.04191	56299.63281	503423.4	5410618.6
L3430.0	503423.4	5410617.3	39383.00000	290.37	0	48.848516	-86.953337	56303.15	56244	6.01	56309.16	56311.46875	56300.96331	56299.55078	503423.4	5410617.3
L3430.0	503423.4	5410617.3	39383.10156	291.77	0	48.848516	-86.953337	56303.13	56244	6.01	56309.14	56311.46484	56300.90979	56299.48828	503423.4	5410617.3
L3430.0	503423.4	5410616.1	39383.19922	291.10	0	48.848505	-86.953337	56303.20	56244	6.01	56309.21	56311.55469	56300.88692	56299.46094	503423.4	5410616.1
L3430.0	503423.4	5410614.6	39383.30078	289.30	0	48.848492	-86.953337	56302.87	56244	6.02	56308.88	56311.23828	56300.85534	56299.42188	503423.4	5410614.6
L3430.0	503423.4	5410614.6	39383.39844	289.42	0	48.848492	-86.953337	56301.62	56244	6.02	56307.64	56310.01563	56300.71679	56299.27344	503423.4	5410614.6
L3430.0	503423.4	5410613.3	39383.50000	289.19	0	48.848480	-86.953337	56300.96	56244	6.02	56306.98	56309.37109	56300.59526	56299.14453	503423.4	5410613.3
L3430.0	503423.4	5410611.7	39383.60156	288.00	0	48.848465	-86.953337	56300.27	56244	6.02	56306.29	56308.69531	56300.43655	56298.97656	503423.4	5410611.7

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L3430.0	503423.4	5410610.5	39383.69922	289.59	0	48.848455	-86.953337	56300.80	56244	6.02	56306.82	56309.24219	56300.47204	56299.00391	503423.4	5410610.5
L3430.0	503423.4	5410610.5	39383.80078	290.23	0	48.848455	-86.953337	56301.23	56244	6.03	56307.26	56309.69531	56300.50189	56299.02344	503423.4	5410610.5
L3430.0	503423.4	5410609.4	39383.89844	292.68	0	48.848445	-86.953337	56301.34	56244	6.03	56307.37	56309.82031	56300.45899	56298.96875	503423.4	5410609.4
L3430.0	503423.4	5410607.9	39384.00000	291.44	0	48.848432	-86.953337	56301.16	56244	6.03	56307.19	56309.65625	56300.33360	56298.83203	503423.4	5410607.9
L3430.0	503423.4	5410606.5	39384.10156	292.91	0	48.848419	-86.953337	56300.44	56244	6.03	56306.47	56308.94922	56300.04839	56298.53516	503423.4	5410606.5
L3430.0	503423.4	5410606.5	39384.19922	293.33	0	48.848419	-86.953337	56300.12	56244	6.03	56306.14	56308.63672	56299.83899	56298.31250	503423.4	5410606.5
L3430.0	503423.4	5410604.5	39384.30078	296.00	0	48.848401	-86.953337	56298.92	56244	6.03	56304.94	56307.44922	56299.37526	56297.83594	503423.4	5410604.5
L3430.0	503423.4	5410603.3	39384.39844	295.21	0	48.848390	-86.953336	56298.14	56244	6.03	56304.17	56306.69141	56299.02157	56297.46875	503423.4	5410603.3
L3430.0	503423.5	5410602.0	39384.50000	292.58	0	48.848378	-86.953336	56298.17	56244	6.02	56304.20	56306.73828	56298.92316	56297.35938	503423.5	5410602.0
L3430.0	503423.5	5410602.0	39384.60156	294.32	0	48.848378	-86.953336	56298.28	56244	6.02	56304.30	56306.85156	56298.90053	56297.32031	503423.5	5410602.0
L3430.0	503423.5	5410599.9	39384.69922	293.49	0	48.848360	-86.953336	56298.96	56244	6.02	56304.98	56307.54297	56299.15532	56297.56250	503423.5	5410599.9
L3430.0	503423.5	5410598.7	39384.80078	292.74	0	48.848349	-86.953336	56298.79	56244	6.02	56304.81	56307.38672	56299.19547	56297.58984	503423.5	5410598.7
L3430.0	503423.5	5410598.7	39384.89844	291.46	0	48.848349	-86.953336	56297.99	56244	6.02	56304.01	56306.59766	56299.03015	56297.41016	503423.5	5410598.7
L3430.0	503423.5	5410597.0	39385.00000	291.38	0	48.848333	-86.953336	56297.25	56244	6.02	56303.27	56305.87109	56298.91020	56297.27344	503423.5	5410597.0
L3430.0	503423.5	5410595.6	39385.10156	290.54	0	48.848321	-86.953336	56296.77	56244	6.02	56302.79	56305.40234	56298.93889	56297.28516	503423.5	5410595.6
L3430.0	503423.4	5410594.0	39385.19922	290.67	0	48.848306	-86.953336	56296.57	56244	6.02	56302.59	56305.21484	56299.16230	56297.49609	503423.4	5410594.0
L3430.0	503423.4	5410594.0	39385.30078	290.80	0	48.848306	-86.953336	56296.00	56244	6.03	56302.03	56304.66797	56299.20540	56297.52344	503423.4	5410594.0
L3430.0	503423.4	5410592.3	39385.39844	291.92	0	48.848291	-86.953337	56295.52	56244	6.03	56301.55	56304.19922	56299.31438	56297.61328	503423.4	5410592.3
L3430.0	503423.4	5410592.3	39385.50000	291.44	0	48.848291	-86.953337	56295.08	56244	6.03	56301.11	56303.76953	56299.60732	56297.89063	503423.4	5410592.3
L3430.0	503423.4	5410591.0	39385.60156	292.51	0	48.848280	-86.953337	56294.88	56244	6.03	56300.91	56303.58203	56299.81758	56298.08594	503423.4	5410591.0
L3430.0	503423.4	5410589.7	39385.69922	293.10	0	48.848268	-86.953338	56294.55	56244	6.03	56300.58	56303.26172	56300.12810	56298.37891	503423.4	5410589.7
L3430.0	503423.3	5410587.7	39385.80078	302.49	0	48.848250	-86.953339	56294.09	56244	6.04	56300.13	56302.82031	56300.20980	56298.44141	503423.3	5410587.7
L3430.0	503423.3	5410587.7	39385.89844	302.01	0	48.848250	-86.953339	56293.84	56244	6.04	56299.88	56302.58203	56301.03838	56299.25391	503423.3	5410587.7
L3430.0	503423.2	5410586.5	39386.00000	302.54	0	48.848239	-86.953339	56293.58	56244	6.04	56299.62	56302.33203	56300.51589	56298.71094	503423.2	5410586.5
L3430.0	503423.2	5410585.2	39386.10156	303.06	0	48.848227	-86.953340	56293.40	56244	6.04	56299.44	56302.16016	56302.21132	56300.39063	503423.2	5410585.2
L3430.0	503423.2	5410585.2	39386.19922	303.41	0	48.848227	-86.953340	56293.02	56244	6.04	56299.07	56301.80078	56302.13445	56300.29688	503423.2	5410585.2
L3430.0	503423.1	5410583.7	39386.30078	306.97	0	48.848214	-86.953341	56292.76	56244	6.04	56298.80	56301.53906	56302.88423	56301.02734	503423.1	5410583.7
L3430.0	503423.1	5410583.7	39386.39844	306.31	0	48.848214	-86.953341	56292.53	56244	6.04	56298.58	56301.32813	56304.38134	56302.50391	503423.1	5410583.7
L3430.0	503423.1	5410582.2	39386.50000	305.31	0	48.848200	-86.953342	56292.26	56244	6.04	56298.30	56301.05859	56305.27845	56303.38281	503423.1	5410582.2
L3430.0	503423.0	5410580.9	39386.60156	303.82	0	48.848188	-86.953343	56291.92	56244	6.05	56297.96	56300.72656	56305.28201	56303.36719	503423.0	5410580.9
L3430.0	503422.9	5410579.1	39386.69922	303.51	0	48.848172	-86.953344	56291.48	56244	6.05	56297.53	56300.30469	56303.58819	56301.65625	503422.9	5410579.1
L3430.0	503422.9	5410579.1	39386.80078	304.36	0	48.848172	-86.953344	56291.26	56244	6.05	56297.31	56300.08984	56305.67245	56303.72266	503422.9	5410579.1
L3430.0	503422.8	5410577.4	39386.89844	304.23	0	48.848157	-86.953345	56290.77	56244	6.05	56296.82	56299.60938	56302.45345	56300.48047	503422.8	5410577.4
L3430.0	503422.8	5410577.4	39387.00000	290.58	0	48.848157	-86.953345	56290.72	56243.9	6.05	56296.77	56299.56641	56308.40456	56306.41406	503422.8	5410577.4
L3430.0	503422.8	5410575.9	39387.10156	288.91	0	48.848143	-86.953346	56290.32	56243.9	6.05	56296.37	56299.17188	56306.91352	56304.90234	503422.8	5410575.9
L3430.0	503422.7	5410574.6	39387.19922	300.70	0	48.848132	-86.953347	56290.06	56243.9	6.05	56296.11	56298.91797	56308.43041	56306.39844	503422.7	5410574.6
L3430.0	503422.7	5410573.1	39387.30078	301.95	0	48.848118	-86.953347	56289.50	56243.9	6.05	56295.55	56298.36719	56302.74465	56300.69531	503422.7	5410573.1
L3430.0	503422.7	5410573.1	39387.39844	303.80	0	48.848118	-86.953347	56289.32	56243.9	6.05	56295.37	56298.19141	56305.78480	56303.71484	503422.7	5410573.1
L3430.0	503422.6	5410571.7	39387.50000	306.35	0	48.848106	-86.953348	56289.09	56243.9	6.05	56295.14	56297.96875	56307.44867	56305.35547	503422.6	5410571.7
L3430.0	503422.6	5410570.0	39387.60156	305.37	0	48.848091	-86.953348	56288.61	56243.9	6.05	56294.66	56297.49219	56302.80529	56300.69531	503422.6	5410570.0
L3430.0	503422.6	5410570.0	39387.69922	306.52	0	48.848091	-86.953348	56288.22	56243.9	6.05	56294.27	56297.10938	56300.07147	56297.94141	503422.6	5410570.0
L3430.0	503422.6	5410568.8	39387.80078	307.25	0	48.848080	-86.953349	56287.86	56243.9	6.05	56293.91	56296.75391	56297.83129	56295.67969	503422.6	5410568.8
L3430.0	503422.5	5410567.0	39387.89844	307.09	0	48.848063	-86.953349	56287.61	56243.9	6.05	56293.66	56296.50781	56298.08965	56295.91797	503422.5	5410567.0
L3430.0	503422.5	5410567.0	39388.00000	305.58	0	48.848063	-86.953349	56287.28	56243.9	6.05	56293.33	56296.18359	56296.25514	56294.06250	503422.5	5410567.0
L3430.0	503422.5	5410565.3	39388.10156	306.40	0	48.848049	-86.953350	56286.92	56243.9	6.05	56292.97	56295.82813	56293.63395	56291.42188	503422.5	5410565.3
L3430.0	503422.4	5410563.9	39388.19922	306.34	0	48.848036	-86.953350	56286.64	56243.9	6.05	56292.70	56295.56250	56293.22604	56290.99219	503422.4	5410563.9
L3430.0	503422.4	5410562.6	39388.30078	306.49	0	48.848024	-86.953351	56286.46	56243.9	6.06	56292.52	56295.38672	56295.05714	56292.80469	503422.4	5410562.6
L3430.0	503422.4	5410562.6	39388.39844	303.73	0	48.848024	-86.953351	56287.02	56243.9	6.06	56293.08	56295.94922	56314.35991	56312.08594	503422.4	5410562.6
L3430.0	503422.4	5410561.6	39388.50000	303.01	0	48.848015	-86.953351	56287.09	56243.9	6.06	56293.15	56296.02344	56321.88460	56319.58984	503422.4	5410561.6
L3430.0	503422.3	5410559.6	39388.60156	304.39	0	48.847997	-86.953352	56286.57	56243.9	6.06	56292.63	56295.50391	56315.97702	56313.66016	503422.3	5410559.6
L3430.0	503422.3	5410559.6	39388.69922	303.94	0	48.847997	-86.953352	56286.02	56243.9	6.06	56292.09	56294.96875	56310.11167	56307.77734	503422.3	5410559.6
L3430.0	503422.3	5410557.8	39388.80078	303.79	0	48.847981	-86.953353	56285.26	56243.9	6.07	56291.32	56294.19922	56299.82930	56297.47266	503422.3	5410557.8
L3430.0	503422.2	5410556.6	39388.89844	305.31	0	48.847970	-86.953353	56284.90	56243.9	6.07	56290.97	56293.85156	56299.14379	56296.76563	503422.2	5410556.6
L3430.0	503422.2	5410556.6	39389.00000	305.31	0	48.847970	-86.953353	56284.63	56243.9	6.07	56290.70	56293.58594	56300.39621	56298.00000	503422.2	5410556.6
L3430.0	503422.2	5410555.1	39389.10156	303.51	0	48.847957	-86.953354	56284.14	56243.9	6.07	56290.21	56293.09766	56297.43441	56295.01563	503422.2	5410555.1
L3430.0	503422.2	5410553.5	39389.19922	305.47	0	48.847942	-86.953354	56283.88	56243.9	6.07	56289.95	56292.83984	56299.31284	56296.87500	503422.2	5410553.5
L3430.0	503422.2	5410553.5	39389.30078	304.49	0	48.847942	-86.953354	56283.38	56243.9	6.07	56289.45	56292.33984	56296.69298	56294.23438	503422.2	5410553.5
L3430.0	503422.1	5410552.0	39389.39844	301.92	0	48.847929	-86.953355	56282.68	56243.9	6.07	56288.75	56291.64063	56290.52846	56288.05078	503422.1	5410552.0
L3430.0	503422.1	5410550.7	39389.50000	301.86	0	48.847917	-86.953355	56282.19	56243.9	6.07	56288.26	56291.15234	56288.54176	56286.04297	503422.1	5410550.7
L3430.0	503422.1	5410549.3	39389.60156	298.67	0	48.847904	-86.953355	56282.22	56243.9	6.06	56288.29	56291.18359	56296.27577	56293.75781	503422.1	5410549.3
L3430.0	503422.1	5410549.3	39389.69922	300.50	0	48.847904	-86.953355	56281.58	56243.9	6.06	56287.64	56290.53125	56291.44273	56288.90625	503422.1	5410549.3
L3430.0	503422.1	5410547.7	39389.80078	302.68	0	48.847890	-86.953354	56281.41	56243.9	6.06	56287.47	56290.36328	56295.47438	56292.91797	503422.1	5410547.7
L3430.0	503422.2	5410546.2	39389.89844	301.54	0	48.847877	-86.953354	56281.18	56243.9	6.06	56287.24	56290.13281	56298.37394	56295.79688	503422.2	5410546.2
L3430.0	503422.2	5410546.2	39390.00000	302.73	0	48.847877	-86.953354	56280.98	56243.9	6.06	56287.04	56289.93359	56301.75170	56299.15625	503422.2	5410546.2
L3430.0	503422.2	5410544.9	39390.10156	302.01	0	48.847865	-86.953354	56280.62	56243.9	6.06	56286.68	56289.57422	56302.14689	56299.53125	503422.2	5410544.9
L3430.0	503422.2	5410543.2	39390.19922	304.77	0	48.847849	-86.953354	56279.77	56243.9	6.06	56285.83	56288.72266	56293.89622	56291.26172	503422.2	5410543.2
L3430.0	503422.2	5410541.6	39390.30078	308.51	0	48.847835	-86.953353	56278.93	56243.9	6.06	56284.98	56287.87109	56286.01096	56283.35938	503422.2	5410541.6
L3430.0	503422.2	5410541.6	39390.39844	311.43	0	48.847835	-86.953353	56278.20	56243.9	6.06	56284.25	56287.14063	56280.65533	56277.98438	503422.2	5410541.6
L3430.0	503422.2	5410540.3	39390.50000	310.12	0	48.847824	-86.953353	56278.34	56243.9	6.06	56284.39	56287.28125	56289.19815	56286.50781	503422.2	5410540.3
L3430.0	503422.3	5410538.9	39390.60156	309.34	0	48.847811	-86.953353	56278.34	56243.9	6.05	56284.39	56287.27734	56294.69394	56291.98438	503422.3	5410538.9
L3430.0	503422.3	5410537.5	39390.69922	306.11	0	48.847798	-86.953353	56278.48	56243.9	6.05	56284.53	56287.41797	56301.05716	56298.33203	503422.3	5410537.5
L3430.0	503422.3	5410537.5	39390.80078	304.37	0	48.847798	-86.953353	56277.96	56243.9	6.05	56284.01	56286.89453	56298.09311	56295.35156	503422.3	5410537.5
L3430.0	503422.3	5410535.5	39390.89844	304.64	0	48.847780	-86.953353	56277.35	56243.9	6.05	56283.40	56286.28516	56294.30073	56291.53906	503422.3	5410535.5
L3430.0	503422.3	5410535.5	39391.00000	303.14	0	48.847780	-86.953353	56276.05	56243.9	6.05	56282.10	56284.98438	56284.63199	56281.85156	503422.3	5410535.5
L3430.0	503422.3	5410533.5	39391.10156	304.66	0	48.847763	-86.953352	56274.70	56243.9	6.05	56280.75	56283.63281	56277.06436	56274.26953	503422.3	5410533.5
L3430.0	503422.3	5410532.0	39391.19922	307.03	0	48.847748	-86.953352	56273.98	56243.9	6.06	56280.03	56282.91016	56281.61533	56278.80469	503422.3	5410532.0
L3430.0	503422.3	5410532.0	39391.30078	302.94	0	48.847748	-86.953352	56273.72	56243.9	6.06	56279.78	56282.65625	56278.08716	56275.26172	503422.3	5410532.0
L3430.0	503422.4	5410530.4	39391.39844	303.01	0	48.847734	-86.953351	56274.29	56243.9	6.06	56280.35	56283.22656	56282.18755	56279.34375	503422.4	5410530.4
L3430.0	503422.4	5410528.9	39391.50000	291.97	0	48.847721	-86.953351	56274.41	56243.9	6.07	56280.48	56283.35156	56280.48000	56277.62109	503422.4	5410528.9
L3430.0	503422.4	5410527.7	39391.60156	289.70	0	48.847710	-86.953351	56274.26	56243.9	6.07	56280.33	56283.19922	56279.09859	56276.22266	503422.4	5410527.7
L3430.0	503422.4	5410527.7	39391.69922	291.63	0	48.847710	-86.953351	56273.60	56243.9	6.07	56279.67	56282.53906	56277.38702	56274.50000	503422.4	5410527.7
L3430.0	503422.5	5410526.3	39391.80078	290.67	0	48.847697	-86.953350	56272.61	56243.9	6.07	56278.68	56281.54688	56275.77856	56272.87500	503422.5	5410526.3
L3430.0	503422.5	5410525.0	39391.89844	291.17	0	48.847686	-86.953350	56271.61	56243.9	6.08	56277.69	56280.55078	56274.39751	56271.48047	503422.5	5410525.0
L3430.0	503422.6	5410523.7	39392.00000	291.67	0	48.847674	-86.953349	56270.73	56243.9	6.08	56276.81	56279.67188	56272.87411	56269.94141	503422.6	5410523.7
L3430.0	503422.6	5410523.7	39392.10156	292.14	0	48.847674	-86.953349	56269.93	56243.9	6.08	56276.00	56278.85547	56271.48070	56268.53906	503422.6	5410523.7
L3430.0	503422.6	5410522.6	39392.19922	293.04	0	48.847664	-86.953349	56269.59	56243.9	6.07	56275.66	56278.51563	56270.41780	56267.46484	503422.6	5410522.6
L3430.0	503422.6	5410521.2	39392.30078	295.14	0	48.847651	-86.953348	56269.48	56243.9	6.07	56275.55	56278.40234	56269.52553	56266.55859	503422.6	5410521.2
L3430.0	503422.7	5410519.5	39392.39844	294.22	0	48.847637	-86.953348	56268.95	56243.9	6.06	56275.01	56277.85938	56268.54081	56265.56250	503422.7	5410519.5
L3430.0	503422.7	5410519.5	39392.50000	293.87	0	48.847637	-86.953348	56268.32	56243.9	6.06	56274.38	56277.22656	56267.65717	56264.66797	503422.7	5410519.5
L3430.0	503422.7	5410518.1	39392.60156	295.72	0	48.847623	-86.953347	56267.50	56243.9	6.06	56273.56	56276.40234	56266.84857	56263.84766	503422.7	5410518.1
L3430.0	503422.7	5410518.1	39392.69922	293.67	0	48.847623	-86.953347	56266.96	56243.9	6.05	56273.01	56275.85156	56266.27720	56263.26953	503422.7	5410518.1
L3430.0	503422.8	5410516.2	39392.80078	290.21	0	48.847607	-86.953346	56266.17	56244	6.05	56272.22	56275.05859	56265.74208	56262.72266	503422.8	5410516.2
L3430.0	503422.8	5410514.6	39392.89844	290.25	0	48.847592	-86.953346	56265.28	56244	6.04	56271.32	56274.15625	56265.26813	56262.23828	503422.8	5410514.6

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L3430.0	503422.9	5410512.8	39393.00000	291.37	0	48.847576	-86.953345	56264.82	56244	6.04	56270.86	56273.69141	56265.07102	56262.03516	503422.9	5410512.8
L3430.0	503422.9	5410512.8	39393.10156	292.17	0	48.847576	-86.953345	56264.25	56244	6.04	56270.29	56273.11719	56264.91664	56261.87109	503422.9	5410512.8
L3430.0	503422.9	5410511.7	39393.19922	289.66	0	48.847566	-86.953344	56263.78	56244	6.04	56269.82	56272.64453	56264.88745	56261.83594	503422.9	5410511.7
L3430.0	503423.0	5410510.2	39393.30078	288.93	0	48.847553	-86.953344	56262.69	56244	6.04	56268.73	56271.55469	56264.54920	56261.49219	503423.0	5410510.2
L3430.0	503423.0	5410510.2	39393.39844	290.70	0	48.847553	-86.953344	56261.86	56244	6.04	56267.90	56270.71875	56264.36442	56261.30078	503423.0	5410510.2
L3430.0	503423.0	5410508.4	39393.50000	291.79	0	48.847536	-86.953343	56261.02	56244	6.04	56267.06	56269.87891	56264.18171	56261.11328	503423.0	5410508.4
L3430.0	503423.0	5410508.4	39393.60156	301.08	0	48.847536	-86.953343	56260.46	56244	6.04	56266.50	56269.31641	56264.07328	56261.00000	503423.0	5410508.4
L3430.0	503423.1	5410506.5	39393.69922	300.47	0	48.847519	-86.953342	56259.48	56244	6.04	56265.52	56268.33203	56264.09312	56261.01563	503423.1	5410506.5
L3430.0	503423.1	5410505.2	39393.80078	301.67	0	48.847507	-86.953342	56258.93	56244	6.04	56264.97	56267.78125	56264.05584	56260.97656	503423.1	5410505.2
L3430.0	503423.1	5410503.8	39393.89844	299.77	0	48.847495	-86.953341	56258.18	56244	6.04	56264.22	56267.02734	56264.00735	56260.92578	503423.1	5410503.8
L3430.0	503423.2	5410502.3	39394.00000	299.82	0	48.847481	-86.953341	56257.98	56244	6.04	56264.02	56266.82422	56264.68314	56261.59766	503423.2	5410502.3
L3430.0	503423.2	5410500.7	39394.10156	300.72	0	48.847468	-86.953341	56257.73	56244	6.04	56263.77	56266.57422	56266.40643	56263.32031	503423.2	5410500.7
L3430.0	503423.2	5410500.7	39394.19922	300.67	0	48.847468	-86.953341	56256.96	56244	6.04	56263.00	56265.80078	56263.94102	56260.85547	503423.2	5410500.7
L3430.0	503423.2	5410499.1	39394.30078	302.20	0	48.847453	-86.953340	56256.26	56244	6.05	56262.31	56265.10938	56269.49704	56266.41406	503423.2	5410499.1
L3430.0	503423.2	5410499.1	39394.39844	301.22	0	48.847453	-86.953340	56254.91	56244	6.05	56260.96	56263.75781	56265.36115	56262.27734	503423.2	5410499.1
L3430.0	503423.3	5410497.9	39394.50000	301.89	0	48.847442	-86.953340	56253.82	56243.9	6.05	56259.87	56262.66406	56262.42239	56259.33984	503423.3	5410497.9
L3430.0	503423.3	5410496.0	39394.60156	304.35	0	48.847425	-86.953339	56252.86	56243.9	6.05	56258.91	56261.70313	56260.18298	56257.10547	503423.3	5410496.0
L3430.0	503423.4	5410495.0	39394.69922	303.13	0	48.847415	-86.953339	56251.72	56243.9	6.05	56257.78	56260.57031	56255.64706	56252.57422	503423.4	5410495.0
L3430.0	503423.4	5410495.0	39394.80078	302.29	0	48.847415	-86.953339	56251.17	56243.9	6.06	56257.22	56260.00781	56258.09252	56255.02344	503423.4	5410495.0
L3430.0	503423.4	5410493.1	39394.89844	302.19	0	48.847399	-86.953337	56250.44	56243.9	6.06	56256.50	56259.28906	56259.01589	56255.94922	503423.4	5410493.1
L3430.0	503423.5	5410491.3	39395.00000	287.28	0	48.847383	-86.953336	56250.20	56243.9	6.06	56256.26	56259.04688	56267.43781	56264.37891	503423.5	5410491.3
L3430.0	503423.5	5410491.3	39395.10156	289.42	0	48.847383	-86.953336	56249.43	56243.9	6.06	56255.49	56258.27344	56268.65475	56265.60156	503423.5	5410491.3
L3430.0	503423.6	5410489.6	39395.19922	303.28	0	48.847367	-86.953335	56248.66	56243.9	6.06	56254.72	56257.50391	56270.10057	56267.05859	503423.6	5410489.6
L3430.0	503423.7	5410487.9	39395.30078	300.60	0	48.847352	-86.953334	56247.57	56243.9	6.06	56253.63	56256.41406	56266.47506	56263.44141	503423.7	5410487.9
L3430.0	503423.7	5410487.9	39395.39844	301.48	0	48.847352	-86.953334	56246.52	56243.9	6.06	56252.58	56255.36328	56263.45397	56260.42578	503423.7	5410487.9
L3430.0	503423.7	5410486.6	39395.50000	299.18	0	48.847340	-86.953333	56245.38	56243.9	6.06	56251.43	56254.21094	56258.65937	56255.64063	503423.7	5410486.6
L3430.0	503423.8	5410485.0	39395.60156	299.02	0	48.847326	-86.953332	56244.29	56243.9	6.06	56250.35	56253.13281	56255.00770	56252.00391	503423.8	5410485.0
L3430.0	503423.8	5410485.0	39395.69922	302.37	0	48.847326	-86.953332	56243.05	56243.9	6.06	56249.11	56251.89063	56248.35481	56245.36328	503423.8	5410485.0
L3430.0	503423.9	5410483.1	39395.80078	303.22	0	48.847309	-86.953331	56242.62	56243.9	6.06	56248.68	56251.46094	56256.79260	56253.81250	503423.9	5410483.1
L3430.0	503423.9	5410481.7	39395.89844	302.47	0	48.847296	-86.953331	56241.93	56243.9	6.06	56247.99	56250.76953	56260.76087	56257.79297	503423.9	5410481.7
L3430.0	503424.0	5410480.3	39396.00000	304.39	0	48.847283	-86.953330	56240.98	56243.9	6.06	56247.04	56249.82031	56259.90123	56256.94922	503424.0	5410480.3
L3430.0	503424.0	5410480.3	39396.10156	304.01	0	48.847283	-86.953330	56239.91	56243.9	6.06	56245.97	56248.75000	56256.70832	56253.76953	503424.0	5410480.3
L3430.0	503424.0	5410478.8	39396.19922	304.11	0	48.847271	-86.953329	56238.64	56243.9	6.06	56244.70	56247.48047	56249.40020	56246.48047	503424.0	5410478.8
L3430.0	503424.1	5410476.8	39396.30078	304.59	0	48.847252	-86.953329	56237.87	56243.9	6.06	56243.93	56246.71094	56252.57882	56249.67578	503424.1	5410476.8
L3430.0	503424.1	5410476.8	39396.39844	304.63	0	48.847252	-86.953329	56236.98	56243.9	6.06	56243.04	56245.82422	56253.53268	56250.64844	503424.1	5410476.8
L3430.0	503424.1	5410475.4	39396.50000	302.28	0	48.847240	-86.953329	56236.05	56243.9	6.07	56242.12	56244.90234	56254.12916	56251.26172	503424.1	5410475.4
L3430.0	503424.1	5410475.4	39396.60156	303.44	0	48.847240	-86.953329	56234.86	56243.9	6.07	56240.92	56243.70313	56248.89274	56246.04688	503424.1	5410475.4
L3430.0	503424.1	5410473.9	39396.69922	305.14	0	48.847226	-86.953328	56233.71	56243.9	6.07	56239.78	56242.56641	56245.23956	56242.41406	503424.1	5410473.9
L3430.0	503424.1	5410472.4	39396.80078	306.85	0	48.847213	-86.953328	56232.62	56243.9	6.07	56238.69	56241.47656	56243.02841	56240.22656	503424.1	5410472.4
L3430.0	503424.1	5410471.1	39396.89844	309.51	0	48.847201	-86.953328	56231.72	56243.9	6.07	56237.79	56240.57813	56245.37747	56242.59766	503424.1	5410471.1
L3430.0	503424.1	5410471.1	39397.00000	307.82	0	48.847201	-86.953328	56231.46	56243.9	6.07	56237.53	56240.32031	56262.10778	56259.34766	503424.1	5410471.1
L3430.0	503424.1	5410469.5	39397.10156	306.11	0	48.847186	-86.953328	56229.68	56243.9	6.07	56235.75	56238.54297	56245.87200	56243.14063	503424.1	5410469.5
L3430.0	503424.1	5410468.4	39397.19922	305.75	0	48.847176	-86.953328	56228.96	56243.9	6.07	56235.03	56237.82422	56253.11981	56250.41406	503424.1	5410468.4
L3430.0	503424.1	5410468.4	39397.30078	305.48	0	48.847176	-86.953328	56227.82	56243.9	6.07	56233.89	56236.68750	56251.55367	56248.87500	503424.1	5410468.4
L3430.0	503424.1	5410467.0	39397.39844	304.50	0	48.847164	-86.953328	56226.66	56243.9	6.07	56232.73	56235.52734	56249.86884	56247.21484	503424.1	5410467.0
L3430.0	503424.2	5410465.4	39397.50000	305.02	0	48.847150	-86.953328	56225.62	56243.9	6.07	56231.70	56234.50000	56251.22022	56248.59375	503424.2	5410465.4
L3430.0	503424.2	5410463.7	39397.60156	289.12	0	48.847134	-86.953327	56223.60	56243.9	6.08	56229.67	56232.47266	56231.69498	56229.09766	503424.2	5410463.7
L3430.0	503424.2	5410462.1	39397.69922	291.02	0	48.847120	-86.953327	56222.66	56243.9	6.08	56228.74	56231.54688	56235.63739	56233.07422	503424.2	5410462.1
L3430.0	503424.2	5410462.1	39397.80078	303.05	0	48.847120	-86.953327	56220.77	56243.9	6.08	56226.84	56229.64844	56219.40602	56216.87109	503424.2	5410462.1
L3430.0	503424.2	5410460.2	39397.89844	301.61	0	48.847103	-86.953327	56219.75	56243.9	6.08	56225.83	56228.64063	56221.98734	56219.48438	503424.2	5410460.2
L3430.0	503424.2	5410458.7	39398.00000	302.16	0	48.847089	-86.953327	56218.61	56243.9	6.08	56224.69	56227.50391	56221.98116	56219.51172	503424.2	5410458.7
L3430.0	503424.2	5410458.7	39398.10156	301.67	0	48.847089	-86.953327	56217.93	56243.9	6.08	56224.01	56226.82813	56231.60530	56229.16797	503424.2	5410458.7
L3430.0	503424.3	5410457.3	39398.19922	302.23	0	48.847077	-86.953327	56216.99	56243.9	6.08	56223.07	56225.89063	56235.86571	56233.46484	503424.3	5410457.3
L3430.0	503424.3	5410457.3	39398.30078	302.07	0	48.847077	-86.953327	56216.00	56243.9	6.08	56222.08	56224.90625	56239.08970	56236.72656	503424.3	5410457.3
L3430.0	503424.3	5410455.6	39398.39844	302.31	0	48.847061	-86.953326	56215.00	56243.9	6.08	56221.08	56223.91016	56242.03383	56239.70703	503424.3	5410455.6
L3430.0	503424.3	5410453.7	39398.50000	304.37	0	48.847044	-86.953326	56213.31	56243.9	6.08	56219.39	56222.22266	56231.56025	56229.26953	503424.3	5410453.7
L3430.0	503424.4	5410452.3	39398.60156	306.43	0	48.847032	-86.953325	56212.13	56243.9	6.08	56218.21	56221.04688	56231.20480	56228.95313	503424.4	5410452.3
L3430.0	503424.4	5410452.3	39398.69922	305.82	0	48.847032	-86.953325	56210.04	56243.9	6.08	56216.12	56218.96094	56214.83474	56212.62109	503424.4	5410452.3
L3430.0	503424.4	5410450.9	39398.80078	306.03	0	48.847019	-86.953325	56209.03	56243.9	6.08	56215.11	56217.95703	56218.16335	56215.99219	503424.4	5410450.9
L3430.0	503424.4	5410449.4	39398.89844	306.39	0	48.847006	-86.953324	56207.66	56243.9	6.08	56213.74	56216.58984	56215.54964	56213.41797	503424.4	5410449.4
L3430.0	503424.5	5410447.6	39399.00000	306.39	0	48.846989	-86.953324	56206.63	56243.9	6.08	56212.71	56215.56250	56218.04902	56215.95703	503424.5	5410447.6
L3430.0	503424.5	5410447.6	39399.10156	305.10	0	48.846989	-86.953324	56205.54	56243.9	6.08	56211.61	56214.46875	56218.97961	56216.92969	503424.5	5410447.6
L3430.0	503424.5	5410446.1	39399.19922	305.35	0	48.846976	-86.953323	56204.29	56243.9	6.08	56210.36	56213.22266	56217.62550	56215.62109	503424.5	5410446.1
L3430.0	503424.5	5410444.7	39399.30078	303.31	0	48.846964	-86.953323	56203.41	56243.9	6.08	56209.49	56212.35938	56219.46441	56217.50391	503424.5	5410444.7
L3430.0	503424.5	5410444.7	39399.39844	304.18	0	48.846964	-86.953323	56201.32	56243.9	6.08	56207.40	56210.27344	56210.55574	56208.64063	503424.5	5410444.7
L3430.0	503424.6	5410443.0	39399.50000	291.43	0	48.846948	-86.953323	56199.54	56243.9	6.07	56205.61	56208.48828	56208.99396	56207.12500	503424.6	5410443.0
L3430.0	503424.6	5410441.4	39399.60156	290.53	0	48.846933	-86.953322	56197.88	56243.9	6.07	56203.95	56206.83203	56202.51073	56200.68750	503424.6	5410441.4
L3430.0	503424.6	5410440.2	39399.69922	290.63	0	48.846923	-86.953322	56196.71	56243.9	6.07	56202.78	56205.66797	56203.49556	56201.71875	503424.6	5410440.2
L3430.0	503424.6	5410440.2	39399.80078	287.84	0	48.846923	-86.953322	56194.99	56243.9	6.07	56201.06	56203.95313	56200.78936	56199.06250	503424.6	5410440.2
L3430.0	503424.6	5410438.9	39399.89844	288.54	0	48.846911	-86.953321	56194.00	56243.9	6.07	56200.07	56202.96875	56199.12841	56197.44922	503424.6	5410438.9
L3430.0	503424.7	5410436.9	39400.00000	290.84	0	48.846893	-86.953321	56192.98	56243.9	6.07	56199.05	56201.95313	56197.24619	56195.61328	503424.7	5410436.9
L3430.0	503424.7	5410436.9	39400.10156	289.92	0	48.846893	-86.953321	56191.63	56243.9	6.07	56197.70	56200.60938	56195.57901	56193.99609	503424.7	5410436.9
L3430.0	503424.7	5410435.5	39400.19922	290.80	0	48.846881	-86.953320	56190.70	56243.9	6.07	56196.77	56199.68359	56194.01740	56192.48828	503424.7	5410435.5
L3430.0	503424.8	5410434.2	39400.30078	289.66	0	48.846869	-86.953319	56189.06	56243.9	6.07	56195.13	56198.04688	56192.06452	56190.58594	503424.8	5410434.2
L3430.0	503424.8	5410434.2	39400.39844	287.15	0	48.846869	-86.953319	56187.82	56243.9	6.07	56193.89	56196.81250	56190.40755	56188.98047	503424.8	5410434.2
L3430.0	503424.8	5410432.6	39400.50000	289.07	0	48.846854	-86.953319	56185.86	56243.9	6.08	56191.93	56194.85938	56188.47785	56187.10156	503424.8	5410432.6
L3430.0	503424.9	5410431.5	39400.60156	290.02	0	48.846844	-86.953318	56184.36	56243.9	6.08	56190.43	56193.36328	56186.84882	56185.52344	503424.9	5410431.5
L3430.0	503424.9	5410430.0	39400.69922	291.42	0	48.846831	-86.953318	56182.85	56243.9	6.08	56188.93	56191.86719	56185.28262	56184.01172	503424.9	5410430.0
L3430.0	503424.9	5410428.3	39400.80078	293.49	0	48.846816	-86.953318	56181.56	56243.9	6.08	56187.64	56190.58594	56183.84905	56182.63281	503424.9	5410428.3
L3430.0	503424.9	5410428.3	39400.89844	294.06	0	48.846816	-86.953318	56180.42	56243.9	6.08	56186.50	56189.44922	56182.51252	56181.34766	503424.9	5410428.3
L3430.0	503424.9	5410426.6	39401.00000	293.90	0	48.846801	-86.953318	56179.10	56243.9	6.08	56185.18	56188.13281	56181.14801	56180.03906	503424.9	5410426.6
L3430.0	503424.9	5410425.3	39401.10156	293.77	0	48.846789	-86.953317	56177.76	56243.9	6.08	56183.84	56186.80078	56179.80694	56178.75391	503424.9	5410425.3
L3430.0	503424.9	5410425.3	39401.19922	293.84	0	48.846789	-86.953317	56176.06	56243.9	6.08	56182.14	56185.10547	56178.36141	56177.36328	503424.9	5410425.3
L3430.0	503424.9	5410424.0	39401.30078	293.00	0	48.846777	-86.953317	56174.27	56243.9	6.07	56180.34	56183.30859	56176.88671	56175.94531	503424.9	5410424.0
L3430.0	503424.9	5410424.0	39401.39844	294.03	0	48.846777	-86.953317	56172.56	56243.9	6.07	56178.63	56181.60547	56175.43958	56174.55078	503424.9	5410424.0
L3430.0	503424.9	5410422.6	39401.50000	294.46	0	48.846764	-86.953318	56171.06	56243.9	6.07	56177.13	56180.10938	56174.05815	56173.22656	503424.9	5410422.6
L3430.0	503424.9	5410421.1	39401.60156	293.93	0	48.846751	-86.953318	56169.65	56243.9	6.07	56175.72	56178.70313	56172.69735	56171.92188	503424.9	5410421.1
L3430.0	503424.9	5410419.3	39401.69922	294.76	0	48.846735	-86.953318	56168.68	56243.9	6.07	56174.75	56177.73828	56171.48428	56170.76563	503424.9	5410419.3
L3430.0	503424.9	5410419.3	39401.80078	294.26	0	48.846735	-86.953318	56167.31	56243.9	6.06	56173.38	56176.37500	56170.09976	56169.43750	503424.9	5410419.3
L3430.0	503424.9	5410417.7	39401.89844	294.58	0	48.846721	-86.953318	56165.49	56243.9	6.06	56171.55	56174.55078	56168.52420	56167.91797	503424.9	5410417.7
L3430.0	503424.9	5410416.2	39402.00000	290.53	0	48.846707	-86.953318	56163.68	56243.9	6.06	56169.74	56172.74219	56166.94357	56166.39453	503424.9	5410416.2
L3430.0	503424.9	5410416.2	39402.10156	288.79	0	48.846707	-86.953318	56162.23	56243.9	6.06	56168.29	56171.29688	56165.48117	56164.98828	503424.9	5410416.2
L3430.0	503424.9	5410415.1	39402.19922	291.44	0	48.846697	-86.953319	56161.10	56243.9	6.06	56167.16	56170.17188	56164.11151	56163.67578	503424.9	5410415.1

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L3430.0	503424.8	5410413.4	39402.30078	292.31	0	48.846682	-86.953319	56159.37	56243.9	6.06	56165.43	56168.44531	56162.52856	56162.15234	503424.8	5410413.4
L3430.0	503424.8	5410411.7	39402.39844	290.87	0	48.846667	-86.953319	56157.88	56243.9	6.06	56163.94	56166.96094	56161.01621	56160.69531	503424.8	5410411.7
L3430.0	503424.8	5410411.7	39402.50000	292.49	0	48.846667	-86.953319	56156.44	56243.9	6.06	56162.49	56165.51563	56159.50756	56159.24219	503424.8	5410411.7
L3430.0	503424.8	5410410.2	39402.60156	293.26	0	48.846653	-86.953320	56154.97	56243.9	6.05	56161.03	56164.05859	56157.99230	56157.78125	503424.8	5410410.2
L3430.0	503424.8	5410410.2	39402.69922	291.07	0	48.846653	-86.953320	56153.15	56243.9	6.05	56159.20	56162.23047	56156.39584	56156.24219	503424.8	5410410.2
L3430.0	503424.7	5410408.7	39402.80078	293.52	0	48.846639	-86.953320	56151.51	56243.9	6.05	56157.56	56160.59766	56154.85916	56154.76563	503424.7	5410408.7
L3430.0	503424.7	5410406.9	39402.89844	294.76	0	48.846623	-86.953321	56150.12	56243.9	6.05	56156.17	56159.21094	56153.38405	56153.34375	503424.7	5410406.9
L3430.0	503424.7	5410405.7	39403.00000	293.05	0	48.846612	-86.953321	56148.70	56243.9	6.05	56154.75	56157.79297	56151.91593	56151.92969	503424.7	5410405.7
L3430.0	503424.7	5410405.7	39403.10156	292.93	0	48.846612	-86.953321	56147.71	56243.9	6.05	56153.76	56156.80469	56150.52848	56150.59766	503424.7	5410405.7
L3430.0	503424.7	5410404.3	39403.19922	291.61	0	48.846600	-86.953322	56145.96	56243.9	6.05	56152.01	56155.05859	56149.04902	56149.17578	503424.7	5410404.3
L3430.0	503424.6	5410403.0	39403.30078	290.45	0	48.846588	-86.953322	56144.85	56243.9	6.05	56150.90	56153.95313	56147.68958	56147.87109	503424.6	5410403.0
L3430.0	503424.6	5410403.0	39403.39844	288.69	0	48.846588	-86.953322	56143.34	56243.9	6.05	56149.39	56152.44531	56146.30130	56146.53906	503424.6	5410403.0
L3430.0	503424.6	5410401.5	39403.50000	289.78	0	48.846574	-86.953322	56141.69	56243.9	6.05	56147.74	56150.79688	56144.91673	56145.20703	503424.6	5410401.5
L3430.0	503424.5	5410398.6	39403.60156	288.93	0	48.846549	-86.953323	56139.83	56243.9	6.05	56145.88	56148.93750	56143.50664	56143.85156	503424.5	5410398.6
L3430.0	503424.5	5410398.6	39403.69922	289.09	0	48.846549	-86.953323	56137.96	56243.9	6.05	56144.01	56147.07031	56142.09072	56142.48828	503424.5	5410398.6
L3430.0	503424.5	5410398.6	39403.80078	288.79	0	48.846549	-86.953323	56136.45	56243.9	6.05	56142.50	56145.56250	56140.77523	56141.22656	503424.5	5410398.6
L3430.0	503424.5	5410396.9	39403.89844	288.76	0	48.846533	-86.953324	56134.58	56243.9	6.05	56140.63	56143.69141	56139.33395	56139.83594	503424.5	5410396.9
L3430.0	503424.5	5410395.5	39404.00000	289.94	0	48.846520	-86.953324	56132.62	56243.9	6.05	56138.67	56141.73438	56137.80805	56138.36328	503424.5	5410395.5
L3430.0	503424.5	5410395.5	39404.10156	290.79	0	48.846520	-86.953324	56130.54	56244	6.05	56136.58	56139.64453	56136.13947	56136.74219	503424.5	5410395.5
L3430.0	503424.5	5410394.0	39404.19922	292.39	0	48.846507	-86.953324	56129.32	56244	6.04	56135.37	56138.43750	56134.93689	56135.59375	503424.5	5410394.0
L3430.0	503424.5	5410392.6	39404.30078	293.93	0	48.846495	-86.953324	56128.54	56244	6.04	56134.58	56137.64453	56134.10095	56134.80859	503424.5	5410392.6
L3430.0	503424.4	5410391.3	39404.39844	291.76	0	48.846483	-86.953324	56127.81	56244	6.03	56133.84	56136.90625	56132.99559	56133.75000	503424.4	5410391.3
L3430.0	503424.4	5410391.3	39404.50000	305.06	0	48.846483	-86.953324	56126.34	56244	6.03	56132.37	56135.43750	56132.11254	56132.91406	503424.4	5410391.3
L3430.0	503424.4	5410389.0	39404.60156	304.36	0	48.846462	-86.953325	56124.68	56244	6.03	56130.70	56133.76563	56131.07676	56131.92578	503424.4	5410389.0
L3430.0	503424.4	5410387.7	39404.69922	303.76	0	48.846451	-86.953325	56122.85	56244	6.02	56128.87	56131.93359	56129.56293	56130.46094	503424.4	5410387.7
L3430.0	503424.4	5410387.7	39404.80078	305.79	0	48.846451	-86.953325	56120.89	56244	6.02	56126.91	56129.97656	56126.89303	56127.83984	503424.4	5410387.7
L3430.0	503424.4	5410386.1	39404.89844	306.75	0	48.846436	-86.953325	56119.01	56244	6.01	56125.02	56128.08203	56123.53982	56124.53125	503424.4	5410386.1
L3430.0	503424.4	5410385.0	39405.00000	305.28	0	48.846427	-86.953325	56117.38	56244	6.01	56123.39	56126.45313	56121.24852	56122.28125	503424.4	5410385.0
L3430.0	503424.4	5410383.7	39405.10156	304.25	0	48.846414	-86.953325	56116.09	56244	6.01	56122.10	56125.16016	56123.38278	56124.46094	503424.4	5410383.7
L3430.0	503424.4	5410383.7	39405.19922	304.53	0	48.846414	-86.953325	56114.40	56244	6.01	56120.41	56123.46875	56121.18411	56122.30469	503424.4	5410383.7
L3430.0	503424.4	5410382.5	39405.30078	305.71	0	48.846404	-86.953325	56112.95	56244	6.02	56118.97	56122.02734	56123.02626	56124.19141	503424.4	5410382.5
L3430.0	503424.4	5410380.8	39405.39844	310.70	0	48.846389	-86.953325	56111.20	56244	6.02	56117.21	56120.26172	56120.27995	56121.48438	503424.4	5410380.8
L3430.0	503424.4	5410379.2	39405.50000	309.10	0	48.846374	-86.953325	56109.36	56244	6.02	56115.38	56118.42969	56116.37648	56117.62109	503424.4	5410379.2
L3430.0	503424.4	5410379.2	39405.60156	309.15	0	48.846374	-86.953325	56107.65	56244	6.02	56113.67	56116.71875	56114.74912	56116.03125	503424.4	5410379.2
L3430.0	503424.4	5410377.6	39405.69922	306.35	0	48.846360	-86.953325	56105.70	56244	6.02	56111.72	56114.76172	56108.83979	56110.16016	503424.4	5410377.6
L3430.0	503424.4	5410376.4	39405.80078	305.16	0	48.846349	-86.953325	56103.64	56244	6.03	56109.67	56112.71094	56101.12460	56102.48438	503424.4	5410376.4
L3430.0	503424.4	5410376.4	39405.89844	304.96	0	48.846349	-86.953325	56102.19	56244	6.03	56108.22	56111.25391	56104.97409	56106.37109	503424.4	5410376.4
L3430.0	503424.4	5410373.6	39406.00000	303.92	0	48.846323	-86.953325	56100.98	56244	6.03	56107.01	56110.03906	56113.40802	56114.83984	503424.4	5410373.6
L3430.0	503424.4	5410373.6	39406.10156	303.73	0	48.846323	-86.953325	56099.43	56244	6.03	56105.46	56108.48438	56115.25454	56116.71875	503424.4	5410373.6
L3430.0	503424.5	5410372.1	39406.19922	302.07	0	48.846310	-86.953324	56097.68	56244	6.03	56103.71	56106.73047	56113.19822	56114.69531	503424.5	5410372.1
L3430.0	503424.5	5410370.5	39406.30078	303.20	0	48.846296	-86.953324	56095.31	56244	6.03	56101.33	56104.34375	56099.47991	56101.01172	503424.5	5410370.5
L3430.0	503424.5	5410370.5	39406.39844	303.15	0	48.846296	-86.953324	56093.30	56244	6.03	56099.33	56102.33984	56092.66560	56094.22656	503424.5	5410370.5
L3430.0	503424.5	5410369.0	39406.50000	302.26	0	48.846283	-86.953323	56091.02	56244	6.03	56097.05	56100.05078	56080.61350	56082.20313	503424.5	5410369.0
L3430.0	503424.6	5410367.6	39406.60156	300.12	0	48.846270	-86.953323	56089.59	56244	6.03	56095.62	56098.61719	56083.41580	56085.03516	503424.6	5410367.6
L3430.0	503424.6	5410367.6	39406.69922	301.84	0	48.846270	-86.953323	56088.27	56244	6.03	56094.30	56097.28906	56087.74383	56089.39063	503424.6	5410367.6
L3430.0	503424.6	5410366.2	39406.80078	301.31	0	48.846257	-86.953322	56087.04	56244	6.03	56093.07	56096.05078	56093.33959	56095.01172	503424.6	5410366.2
L3430.0	503424.7	5410364.9	39406.89844	300.78	0	48.846245	-86.953322	56085.66	56244	6.03	56091.69	56094.66406	56095.92817	56097.62500	503424.7	5410364.9
L3430.0	503424.7	5410363.7	39407.00000	301.14	0	48.846235	-86.953322	56084.47	56244	6.03	56090.50	56093.46484	56101.79995	56103.51953	503424.7	5410363.7
L3430.0	503424.7	5410361.9	39407.10156	302.41	0	48.846218	-86.953321	56082.32	56244	6.03	56088.35	56091.30859	56089.20789	56090.94922	503424.7	5410361.9
L3430.0	503424.7	5410361.9	39407.19922	300.63	0	48.846218	-86.953321	56079.90	56244	6.03	56085.93	56088.87891	56070.40068	56072.16406	503424.7	5410361.9
L3430.0	503424.8	5410360.7	39407.30078	304.12	0	48.846208	-86.953320	56078.58	56244	6.02	56084.60	56087.53906	56072.26632	56074.05469	503424.8	5410360.7
L3430.0	503424.8	5410359.6	39407.39844	304.22	0	48.846198	-86.953320	56077.12	56244	6.02	56083.14	56086.07031	56071.31757	56073.12500	503424.8	5410359.6
L3430.0	503424.8	5410358.2	39407.50000	304.95	0	48.846185	-86.953320	56075.92	56244	6.02	56081.94	56084.85938	56075.68733	56077.50781	503424.8	5410358.2
L3430.0	503424.8	5410358.2	39407.60156	305.57	0	48.846185	-86.953320	56074.41	56244	6.02	56080.42	56083.32813	56073.25490	56075.09375	503424.8	5410358.2
L3430.0	503424.9	5410356.6	39407.69922	307.76	0	48.846171	-86.953319	56073.56	56244	6.02	56079.57	56082.46875	56085.72437	56087.57813	503424.9	5410356.6
L3430.0	503424.9	5410354.9	39407.80078	308.25	0	48.846156	-86.953319	56072.25	56244	6.01	56078.27	56081.15625	56088.62968	56090.50000	503424.9	5410354.9
L3430.0	503424.9	5410354.9	39407.89844	309.23	0	48.846156	-86.953319	56070.46	56244	6.01	56076.48	56079.35547	56080.36197	56082.24219	503424.9	5410354.9
L3430.0	503424.9	5410353.1	39408.00000	308.15	0	48.846139	-86.953318	56068.59	56244	6.01	56074.60	56077.46484	56069.85534	56071.74609	503424.9	5410353.1
L3430.0	503425.0	5410351.5	39408.10156	308.39	0	48.846125	-86.953318	56066.66	56244	6.01	56072.68	56075.53125	56058.33596	56060.23828	503425.0	5410351.5
L3430.0	503425.0	5410351.5	39408.19922	304.78	0	48.846125	-86.953318	56065.20	56244	6.02	56071.22	56074.05859	56058.34695	56060.25781	503425.0	5410351.5
L3430.0	503425.0	5410350.1	39408.30078	305.11	0	48.846112	-86.953317	56063.93	56244	6.02	56069.96	56072.78906	56063.94411	56065.86328	503425.0	5410350.1
L3430.0	503425.0	5410348.5	39408.39844	304.80	0	48.846098	-86.953317	56062.70	56244	6.03	56068.73	56071.54297	56070.96545	56072.89453	503425.0	5410348.5
L3430.0	503425.0	5410348.5	39408.50000	301.63	0	48.846098	-86.953317	56061.48	56244	6.03	56067.51	56070.30859	56078.83008	56080.76172	503425.0	5410348.5
L3430.0	503425.0	5410346.9	39408.60156	302.24	0	48.846083	-86.953317	56060.04	56244	6.03	56066.07	56068.85547	56081.45351	56083.38672	503425.0	5410346.9
L3430.0	503425.0	5410345.5	39408.69922	306.05	0	48.846071	-86.953317	56057.96	56244	6.04	56064.00	56066.77344	56068.02164	56069.96094	503425.0	5410345.5
L3430.0	503425.0	5410345.5	39408.80078	306.23	0	48.846071	-86.953317	56055.76	56244	6.04	56061.80	56064.55859	56051.38766	56053.32813	503425.0	5410345.5
L3430.0	503425.0	5410343.8	39408.89844	305.56	0	48.846055	-86.953317	56053.89	56244	6.05	56059.94	56062.68359	56043.63853	56045.58203	503425.0	5410343.8
L3430.0	503425.0	5410342.3	39409.00000	305.56	0	48.846042	-86.953318	56052.10	56243.9	6.05	56058.15	56060.87500	56037.62527	56039.56641	503425.0	5410342.3
L3430.0	503425.0	5410340.8	39409.10156	302.53	0	48.846029	-86.953318	56050.96	56244	6.05	56057.01	56059.71875	56048.00297	56049.94141	503425.0	5410340.8
L3430.0	503425.0	5410340.8	39409.19922	305.56	0	48.846029	-86.953318	56049.52	56244	6.05	56055.57	56058.26563	56050.23088	56052.16406	503425.0	5410340.8
L3430.0	503425.0	5410338.8	39409.30078	305.34	0	48.846010	-86.953318	56047.92	56244	6.05	56053.97	56056.64844	56047.81762	56049.75000	503425.0	5410338.8
L3430.0	503425.0	5410338.8	39409.39844	290.54	0	48.846010	-86.953318	56046.18	56244	6.05	56052.23	56054.89063	56041.17737	56043.10156	503425.0	5410338.8
L3430.0	503425.0	5410337.5	39409.50000	291.76	0	48.845999	-86.953317	56044.48	56244	6.04	56050.53	56053.17188	56034.79662	56036.71484	503425.0	5410337.5
L3430.0	503425.0	5410335.8	39409.60156	307.29	0	48.845984	-86.953317	56042.94	56244	6.04	56048.98	56051.60547	56031.45179	56033.35938	503425.0	5410335.8
L3430.0	503425.0	5410334.3	39409.69922	306.14	0	48.845970	-86.953317	56041.66	56244	6.04	56047.70	56050.30859	56034.29556	56036.19531	503425.0	5410334.3
L3430.0	503425.0	5410334.3	39409.80078	307.78	0	48.845970	-86.953317	56040.14	56244	6.04	56046.18	56048.76953	56030.25797	56032.14844	503425.0	5410334.3
L3430.0	503425.1	5410332.9	39409.89844	307.07	0	48.845958	-86.953317	56039.04	56244	6.04	56045.08	56047.65234	56036.47790	56038.35938	503425.1	5410332.9
L3430.0	503425.1	5410331.2	39410.00000	306.14	0	48.845942	-86.953316	56038.09	56244	6.04	56044.13	56046.68359	56046.05220	56047.92188	503425.1	5410331.2
L3430.0	503425.1	5410331.2	39410.10156	305.11	0	48.845942	-86.953316	56036.89	56244	6.04	56042.93	56045.46094	56048.68983	56050.54297	503425.1	5410331.2
L3430.0	503425.1	5410329.9	39410.19922	305.58	0	48.845930	-86.953316	56035.56	56244	6.04	56041.59	56044.10156	56047.41360	56049.25391	503425.1	5410329.9
L3430.0	503425.1	5410328.5	39410.30078	304.38	0	48.845918	-86.953316	56033.61	56244	6.04	56039.65	56042.14453	56031.34667	56033.17188	503425.1	5410328.5
L3430.0	503425.1	5410328.5	39410.39844	304.86	0	48.845918	-86.953316	56031.36	56244	6.04	56037.39	56039.86328	56008.84893	56010.66016	503425.1	5410328.5
L3430.0	503425.2	5410326.8	39410.50000	306.85	0	48.845903	-86.953315	56030.16	56244	6.04	56036.20	56038.65234	56012.51867	56014.30859	503425.2	5410326.8
L3430.0	503425.2	5410325.5	39410.60156	307.26	0	48.845891	-86.953315	56029.51	56244	6.03	56035.55	56037.98047	56027.50125	56029.27344	503425.2	5410325.5
L3430.0	503425.1	5410323.9	39410.69922	307.60	0	48.845876	-86.953316	56028.17	56244	6.03	56034.20	56036.60938	56027.11295	56028.86719	503425.1	5410323.9
L3430.0	503425.1	5410322.5	39410.80078	306.24	0	48.845864	-86.953316	56027.03	56244	6.03	56033.06	56035.44922	56030.60780	56032.34375	503425.1	5410322.5
L3430.0	503425.1	5410322.5	39410.89844	314.10	0	48.845864	-86.953316	56025.99	56244	6.03	56032.02	56034.38672	56034.97083	56036.68359	503425.1	5410322.5
L3430.0	503425.1	5410320.7	39411.00000	312.62	0	48.845848	-86.953316	56024.78	56244	6.03	56030.81	56033.15625	56035.68122	56037.37109	503425.1	5410320.7
L3430.0	503425.1	5410320.7	39411.10156	304.32	0	48.845848	-86.953316	56023.36	56244	6.03	56029.39	56031.71094	56033.14239	56034.80859	503425.1	5410320.7
L3430.0	503425.1	5410319.4	39411.19922	304.07	0	48.845836	-86.953316	56021.26	56244	6.03	56027.29	56029.58984	56024.12117	56025.76563	503425.1	5410319.4
L3430.0	503425.1	5410318.0	39411.30078	306.93	0	48.845823	-86.953317	56019.59	56244	6.03	56025.62	56027.89844	56021.33868	56022.96094	503425.1	5410318.0
L3430.0	503425.0	5410316.5	39411.39844	303.85	0	48.845810	-86.953317	56018.38	56244	6.03	56024.41	56026.66406	56025.53992	56027.13672	503425.0	5410316.5
L3430.0	503425.0	5410316.5	39411.50000	291.51	0	48.845810	-86.953317	56016.64	56244	6.03	56022.67	56024.89844	56020.45278	56022.02344	503425.0	5410316.5

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L3430.0	503425.0	5410314.5	39411.60156	290.51	0	48.845792	-86.953317	56015.34	56244	6.03	56021.37	56023.57422	56021.37000	56022.91016	503425.0	5410314.5
L3430.0	503425.0	5410313.1	39411.69922	290.89	0	48.845779	-86.953317	56013.98	56244	6.03	56020.01	56022.19141	56021.37362	56022.88672	503425.0	5410313.1
L3430.0	503425.0	5410313.1	39411.80078	291.15	0	48.845779	-86.953317	56012.94	56244	6.03	56018.97	56021.12891	56021.36641	56022.85547	503425.0	5410313.1
L3430.0	503425.0	5410311.7	39411.89844	291.32	0	48.845767	-86.953318	56012.08	56244	6.03	56018.11	56020.24219	56020.98478	56022.44531	503425.0	5410311.7
L3430.0	503425.0	5410311.7	39412.00000	291.06	0	48.845767	-86.953318	56011.04	56244	6.03	56017.07	56019.17969	56020.76341	56022.19141	503425.0	5410311.7
L3430.0	503425.0	5410308.5	39412.10156	291.12	0	48.845738	-86.953318	56009.88	56244	6.03	56015.91	56017.99219	56020.41430	56021.81250	503425.0	5410308.5
L3430.0	503425.0	5410308.5	39412.19922	290.81	0	48.845738	-86.953318	56008.26	56244	6.03	56014.29	56016.34766	56019.79042	56021.16016	503425.0	5410308.5
L3430.0	503425.0	5410307.1	39412.30078	292.20	0	48.845726	-86.953317	56007.61	56244	6.03	56013.64	56015.67188	56019.58414	56020.92188	503425.0	5410307.1
L3430.0	503425.0	5410307.1	39412.39844	291.79	0	48.845726	-86.953317	56007.13	56244	6.03	56013.16	56015.16797	56019.32741	56020.63672	503425.0	5410307.1
L3430.0	503425.0	5410305.7	39412.50000	291.70	0	48.845713	-86.953317	56006.80	56244	6.03	56012.83	56014.80859	56018.99725	56020.27344	503425.0	5410305.7
L3430.0	503425.1	5410304.0	39412.60156	293.91	0	48.845697	-86.953317	56005.68	56244	6.04	56011.72	56013.67578	56018.30719	56019.54688	503425.1	5410304.0
L3430.0	503425.1	5410302.3	39412.69922	293.40	0	48.845682	-86.953316	56004.24	56244	6.04	56010.28	56012.20703	56017.46448	56018.67188	503425.1	5410302.3
L3430.0	503425.1	5410302.3	39412.80078	292.32	0	48.845682	-86.953316	56002.82	56244	6.04	56008.86	56010.76172	56016.58493	56017.76172	503425.1	5410302.3
L3430.0	503425.1	5410300.9	39412.89844	293.66	0	48.845670	-86.953316	56001.71	56244	6.04	56007.75	56009.62500	56015.73939	56016.88281	503425.1	5410300.9
L3430.0	503425.2	5410299.3	39413.00000	291.79	0	48.845656	-86.953315	56001.23	56244	6.04	56007.27	56009.11719	56015.02636	56016.13672	503425.2	5410299.3
L3430.0	503425.2	5410299.3	39413.10156	290.76	0	48.845656	-86.953315	56000.16	56244	6.04	56006.20	56008.01953	56014.14252	56015.21484	503425.2	5410299.3
L3430.0	503425.2	5410297.7	39413.19922	292.69	0	48.845641	-86.953315	55999.28	56244	6.03	56005.32	56007.11328	56013.32124	56014.35938	503425.2	5410297.7
L3430.0	503425.2	5410296.1	39413.30078	291.50	0	48.845626	-86.953314	55998.63	56244	6.03	56004.66	56006.42578	56012.57986	56013.58594	503425.2	5410296.1
L3430.0	503425.3	5410294.4	39413.39844	290.27	0	48.845612	-86.953314	55998.04	56244	6.03	56004.07	56005.80859	56011.88609	56012.85547	503425.3	5410294.4
L3430.0	503425.3	5410294.4	39413.50000	292.23	0	48.845612	-86.953314	55997.00	56244	6.03	56003.03	56004.73828	56011.10636	56012.03906	503425.3	5410294.4
L3430.0	503425.3	5410293.1	39413.60156	293.08	0	48.845600	-86.953313	55996.12	56244	6.02	56002.14	56003.82031	56010.39465	56011.29297	503425.3	5410293.1
L3430.0	503425.3	5410293.1	39413.69922	294.99	0	48.845600	-86.953313	55995.77	56244	6.02	56001.79	56003.44141	56009.84061	56010.70313	503425.3	5410293.1
L3430.0	503425.4	5410291.4	39413.80078	293.54	0	48.845584	-86.953313	55994.78	56244	6.02	56000.79	56002.41406	56009.15121	56009.97656	503425.4	5410291.4
L3430.0	503425.4	5410289.9	39413.89844	292.46	0	48.845571	-86.953312	55993.52	56244	6.01	55999.53	56001.12500	56008.42618	56009.21484	503425.4	5410289.9
L3430.0	503425.5	5410288.8	39414.00000	291.89	0	48.845561	-86.953311	55992.43	56244	6.01	55998.44	56000.00781	56007.76351	56008.51563	503425.5	5410288.8
L3430.0	503425.5	5410288.8	39414.10156	291.90	0	48.845561	-86.953311	55991.85	56244	6.01	55997.86	55999.39844	56007.23670	56007.95313	503425.5	5410288.8
L3430.0	503425.5	5410287.5	39414.19922	288.19	0	48.845549	-86.953311	55991.67	56244	6.01	55997.68	55999.18750	56006.81403	56007.49219	503425.5	5410287.5
L3430.0	503425.6	5410286.2	39414.30078	289.83	0	48.845538	-86.953310	55991.64	56244	6.01	55997.65	55999.12891	56006.43747	56007.07813	503425.6	5410286.2
L3430.0	503425.6	5410286.2	39414.39844	291.19	0	48.845538	-86.953310	55991.77	56244	6.01	55997.78	55999.23047	56006.10358	56006.71094	503425.6	5410286.2
L3430.0	503425.7	5410284.5	39414.50000	290.42	0	48.845522	-86.953309	55991.29	56244	6.01	55997.30	55998.72266	56005.67033	56006.23828	503425.7	5410284.5
L3430.0	503425.7	5410283.5	39414.60156	290.21	0	48.845513	-86.953308	55990.13	56244	6.01	55996.14	55997.53125	56005.14400	56005.67578	503425.7	5410283.5
L3430.0	503425.8	5410282.0	39414.69922	288.56	0	48.845500	-86.953307	55989.82	56244	6.01	55995.83	55997.19141	56004.78563	56005.27734	503425.8	5410282.0
L3430.0	503425.8	5410282.0	39414.80078	287.67	0	48.845500	-86.953307	55989.37	56244	6.01	55995.38	55996.71484	56004.41996	56004.87500	503425.8	5410282.0
L3430.0	503425.8	5410280.5	39414.89844	289.89	0	48.845486	-86.953306	55989.32	56244	6.01	55995.33	55996.63281	56004.11885	56004.53906	503425.8	5410280.5
L3430.0	503425.9	5410279.1	39415.00000	291.12	0	48.845474	-86.953305	55989.09	56244	6.01	55995.10	55996.37500	56003.79415	56004.17578	503425.9	5410279.1
L3430.0	503425.9	5410279.1	39415.10156	291.31	0	48.845474	-86.953305	55988.08	56244	6.01	55994.09	55995.33594	56003.37685	56003.72266	503425.9	5410279.1
L3430.0	503426.0	5410277.5	39415.19922	291.43	0	48.845459	-86.953304	55987.57	56244	6.01	55993.58	55994.79297	56002.99067	56003.29688	503426.0	5410277.5
L3430.0	503426.1	5410276.2	39415.30078	291.13	0	48.845448	-86.953303	55987.49	56244	6.01	55993.50	55994.68359	56002.59759	56002.86719	503426.1	5410276.2
L3430.0	503426.2	5410274.8	39415.39844	291.87	0	48.845435	-86.953302	55987.24	56244	6.01	55993.25	55994.40234	56002.12280	56002.35547	503426.2	5410274.8
L3430.0	503426.2	5410274.8	39415.50000	293.18	0	48.845435	-86.953302	55986.61	56244	6.01	55992.62	55993.74219	56001.51914	56001.71484	503426.2	5410274.8
L3430.0	503426.2	5410273.6	39415.60156	291.31	0	48.845424	-86.953301	55985.77	56244	6.01	55991.78	55992.87500	56000.78595	56000.94531	503426.2	5410273.6
L3430.0	503426.3	5410272.2	39415.69922	290.32	0	48.845411	-86.953300	55985.95	56244	6.01	55991.96	55993.02344	56000.13938	56000.26172	503426.3	5410272.2
L3430.0	503426.4	5410270.9	39415.80078	290.50	0	48.845400	-86.953299	55985.50	56244	6.01	55991.51	55992.54297	55999.30500	55999.39063	503426.4	5410270.9
L3430.0	503426.4	5410270.9	39415.89844	288.87	0	48.845400	-86.953299	55985.07	56244	6.01	55991.08	55992.08203	55998.39332	55998.44531	503426.4	5410270.9
L3430.0	503426.4	5410269.7	39416.00000	289.27	0	48.845389	-86.953299	55984.84	56244	6.01	55990.85	55991.82031	55997.47475	55997.48828	503426.4	5410269.7
L3430.0	503426.5	5410268.0	39416.10156	289.00	0	48.845374	-86.953298	55984.48	56244	6.01	55990.49	55991.42969	55996.45075	55996.42578	503426.5	5410268.0
L3430.0	503426.5	5410268.0	39416.19922	289.26	0	48.845374	-86.953298	55984.16	56244	6.01	55990.17	55991.08203	55995.38468	55995.32422	503426.5	5410268.0
L3430.0	503426.5	5410266.6	39416.30078	290.66	0	48.845361	-86.953297	55983.95	56244	6.00	55989.96	55990.83984	55994.33461	55994.23828	503426.5	5410266.6
L3430.0	503426.6	5410265.8	39416.39844	290.05	0	48.845354	-86.953297	55984.00	56244	6.00	55990.01	55990.85938	55993.43244	55993.30469	503426.6	5410265.8
L3430.0	503426.6	5410264.7	39416.50000	291.00	0	48.845344	-86.953296	55983.75	56244	6.00	55989.75	55990.57031	55992.70662	55992.54297	503426.6	5410264.7
L3430.0	503426.6	5410264.7	39416.60156	302.59	0	48.845344	-86.953296	55983.72	56244	6.00	55989.72	55990.50781	55991.63484	55991.43359	503426.6	5410264.7
L3430.0	503426.6	5410263.8	39416.69922	303.66	0	48.845336	-86.953296	55983.83	56244	6.00	55989.82	55990.57813	55990.71706	55990.48047	503426.6	5410263.8
L3430.0	503426.7	5410262.2	39416.80078	302.84	0	48.845322	-86.953295	55983.86	56244	5.99	55989.85	55990.57422	55989.85000	55989.57813	503426.7	5410262.2
L3430.0	503426.7	5410262.2	39416.89844	302.57	0	48.845322	-86.953295	55984.16	56244	5.99	55990.15	55990.84375	55990.22057	55989.91406	503426.7	5410262.2
L3430.0	503426.7	5410261.0	39417.00000	303.45	0	48.845311	-86.953294	55984.06	56244	5.99	55990.04	55990.70313	55988.88305	55988.54297	503426.7	5410261.0
L3430.0	503426.8	5410260.4	39417.10156	304.25	0	48.845305	-86.953294	55983.73	56244	5.99	55989.71	55990.34375	55988.04439	55987.66797	503426.8	5410260.4
L3430.0	503426.8	5410259.4	39417.19922	304.51	0	48.845296	-86.953293	55983.27	56244	5.98	55989.25	55989.85156	55987.10187	55986.69141	503426.8	5410259.4
L3430.0	503426.8	5410259.4	39417.30078	303.70	0	48.845296	-86.953293	55982.82	56244	5.98	55988.79	55989.35938	55978.63384	55978.19141	503426.8	5410259.4
L3430.0	503426.9	5410258.3	39417.39844	302.74	0	48.845287	-86.953292	55983.07	56244	5.97	55989.04	55989.57813	55979.12291	55978.64844	503426.9	5410258.3
L3430.0	503427.0	5410256.8	39417.50000	304.28	0	48.845273	-86.953291	55983.65	56244	5.97	55989.62	55990.12891	55983.11990	55982.61328	503427.0	5410256.8
L3430.0	503427.1	5410255.7	39417.60156	304.37	0	48.845263	-86.953290	55984.36	56244	5.97	55990.32	55990.79688	55988.76554	55988.22266	503427.1	5410255.7
L3430.0	503427.1	5410255.7	39417.69922	303.85	0	48.845263	-86.953290	55984.99	56244	5.96	55990.95	55991.39453	55993.86278	55993.28906	503427.1	5410255.7
L3430.0	503427.1	5410255.1	39417.80078	301.28	0	48.845258	-86.953289	55985.27	56244	5.96	55991.22	55991.63281	55995.38761	55994.78125	503427.1	5410255.1
L3430.0	503427.2	5410253.9	39417.89844	299.69	0	48.845247	-86.953288	55985.07	56244	5.95	55991.02	55991.40234	55992.67855	55992.03906	503427.2	5410253.9
L3430.0	503427.3	5410253.0	39418.00000	299.74	0	48.845239	-86.953287	55984.71	56244.1	5.95	55990.66	55991.00781	55989.15856	55988.48828	503427.3	5410253.0
L3430.0	503427.3	5410253.0	39418.10156	298.35	0	48.845239	-86.953287	55984.64	56244.1	5.95	55990.59	55990.90625	55991.59807	55990.89453	503427.3	5410253.0
L3430.0	503427.4	5410252.1	39418.19922	303.19	0	48.845230	-86.953286	55984.38	56244.1	5.95	55990.33	55990.61328	55985.12929	55984.39453	503427.4	5410252.1
L3430.0	503427.5	5410250.9	39418.30078	303.81	0	48.845220	-86.953284	55984.89	56244.1	5.95	55990.84	55991.09375	55991.12903	55990.36328	503427.5	5410250.9
L3430.0	503427.6	5410249.6	39418.39844	303.99	0	48.845208	-86.953283	55985.20	56244.1	5.95	55991.14	55991.35938	55990.75589	55989.96094	503427.6	5410249.6
L3430.0	503427.7	5410248.8	39418.50000	290.05	0	48.845201	-86.953282	55985.29	56244.1	5.95	55991.24	55991.42969	55991.37497	55990.55078	503427.7	5410248.8
L3430.0	503427.7	5410248.8	39418.60156	290.16	0	48.845201	-86.953282	55985.04	56244.1	5.95	55990.99	55991.14453	55991.69617	55990.83984	503427.7	5410248.8
L3430.0	503427.8	5410247.7	39418.69922	292.27	0	48.845191	-86.953280	55984.79	56244.1	5.95	55990.74	55990.86328	55992.29662	55991.41016	503427.8	5410247.7
L3430.0	503427.8	5410247.7	39418.80078	293.75	0	48.845191	-86.953280	55985.45	56244.1	5.95	55991.39	55991.48047	55992.94071	55992.02734	503427.8	5410247.7
L3430.0	503427.9	5410246.8	39418.89844	292.58	0	48.845183	-86.953279	55985.75	56244.1	5.95	55991.70	55991.75781	55993.62597	55992.68359	503427.9	5410246.8
L3430.0	503428.0	5410245.7	39419.00000	292.58	0	48.845173	-86.953277	55986.31	56244.1	5.95	55992.26	55992.28516	55994.16059	55993.18750	503428.0	5410245.7
L3430.0	503428.0	5410245.7	39419.10156	293.61	0	48.845173	-86.953277	55986.58	56244.1	5.95	55992.53	55992.52344	55994.62645	55993.62500	503428.0	5410245.7
L3430.0	503428.1	5410244.7	39419.19922	294.21	0	48.845164	-86.953276	55986.82	56244.1	5.94	55992.76	55992.71875	55995.01785	55993.98828	503428.1	5410244.7
L3430.0	503428.2	5410243.8	39419.30078	295.87	0	48.845156	-86.953274	55987.09	56244.1	5.94	55993.03	55992.95703	55995.38958	55994.32813	503428.2	5410243.8
L3430.0	503428.3	5410243.0	39419.39844	295.01	0	48.845149	-86.953273	55987.14	56244.1	5.94	55993.08	55992.97266	55995.59462	55994.50781	503428.3	5410243.0
L3430.0	503428.3	5410243.0	39419.50000	293.29	0	48.845149	-86.953273	55987.37	56244.1	5.93	55993.30	55993.16016	55995.86472	55994.75000	503428.3	5410243.0
L3430.0	503428.5	5410241.9	39419.60156	293.69	0	48.845139	-86.953271	55986.76	56244.1	5.93	55992.69	55992.51563	55995.66938	55994.52734	503428.5	5410241.9
L3430.0	503428.5	5410241.9	39419.69922	294.97	0	48.845139	-86.953271	55987.39	56244.1	5.93	55993.32	55993.10938	55996.10903	55994.93750	503428.5	5410241.9
L3430.0	503428.6	5410240.8	39419.80078	292.47	0	48.845129	-86.953269	55987.37	56244.1	5.93	55993.29	55993.04688	55996.19030	55994.99219	503428.6	5410240.8
L3430.0	503428.7	5410240.1	39419.89844	292.68	0	48.845123	-86.953268	55987.70	56244.1	5.92	55993.62	55993.34375	55996.44276	55995.21875	503428.7	5410240.1
L3430.0	503428.7	5410240.1	39420.00000	293.44	0	48.845123	-86.953268	55988.08	56244.1	5.92	55994.00	55993.68750	55996.70881	55995.45703	503428.7	5410240.1
L3430.0	503428.8	5410239.3	39420.10156	294.37	0	48.845116	-86.953266	55988.31	56244.1	5.92	55994.23	55993.88281	55996.89369	55995.61328	503428.8	5410239.3
L3430.0	503428.9	5410238.6	39420.19922	294.69	0	48.845110	-86.953265	55988.43	56244.1	5.92	55994.35	55993.96875	55997.02269	55995.71875	503428.9	5410238.6
L3430.0	503429.0	5410237.9	39420.30078	293.79	0	48.845103	-86.953264	55988.54	56244.1	5.93	55994.46	55994.04297	55997.14580	55995.81641	503429.0	5410237.9
L3430.0	503429.0	5410237.9	39420.39844	294.31	0	48.845103	-86.953264	55988.20	56244.1	5.93	55994.13	55993.67969	55997.06208	55995.70313	503429.0	5410237.9
L3430.0	503429.1	5410237.1	39420.50000	293.65	0	48.845096	-86.953263	55988.38	56244.1	5.93	55994.31	55993.82422	55997.22240	55995.83984	503429.1	5410237.1
L3430.0	503429.1	5410236.3	39420.60156	292.72	0	48.845088	-86.953262	55988.56	56244.1	5.93	55994.49	55993.96875	55997.38492	55995.97656	503429.1	5410236.3
L3430.0	503429.1	5410236.3	39420.69922	293.54	0	48.845088	-86.953262	55988.78	56244.1	5.93	55994.72	55994.16016	55997.57378	55996.14063	503429.1	5410236.3
L3430.0	503429.2	5410235.5	39420.80078	294.72	0	48.845081	-86.953261	55989.46	56244.1	5.94	55995.40	55994.80469	55997.97253	55996.51172	503429.2	5410235.5

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L3430.0	503429.3	5410235.1	39420.89844	294.03	0	48.845077	-86.953260	55989.54	56244.1	5.94	55995.48	55994.85156	55998.09616	55996.60938	503429.3	5410235.1
L3430.0	503429.4	5410234.3	39421.00000	294.57	0	48.845070	-86.953259	55990.48	56244.1	5.94	55996.42	55995.75391	55998.61398	55997.10547	503429.4	5410234.3
L3430.0	503429.4	5410234.3	39421.10156	291.95	0	48.845070	-86.953259	55990.86	56244.1	5.94	55996.80	55996.09766	55998.87579	55997.33984	503429.4	5410234.3
L3430.0	503429.5	5410233.5	39421.19922	292.18	0	48.845063	-86.953257	55991.26	56244.1	5.94	55997.20	55996.46094	55999.14648	55997.58594	503429.5	5410233.5
L3430.0	503429.5	5410232.9	39421.30078	293.59	0	48.845058	-86.953256	55991.24	56244.1	5.93	55997.17	55996.39453	55999.22485	55997.64063	503429.5	5410232.9
L3430.0	503429.6	5410232.3	39421.39844	292.49	0	48.845052	-86.953255	55991.41	56244.1	5.93	55997.35	55996.53516	55999.39768	55997.78906	503429.6	5410232.3
L3430.0	503429.7	5410231.7	39421.50000	294.11	0	48.845047	-86.953254	55991.92	56244.1	5.93	55997.85	55997.00000	55999.71025	55998.07422	503429.7	5410231.7
L3430.0	503429.7	5410231.7	39421.60156	293.76	0	48.845047	-86.953254	55991.92	56244.1	5.93	55997.85	55996.96094	55999.80145	55998.14063	503429.7	5410231.7
L3430.0	503429.8	5410231.0	39421.69922	292.09	0	48.845041	-86.953253	55992.68	56244.1	5.93	55998.61	55997.68359	56000.22066	55998.53516	503429.8	5410231.0
L3430.0	503429.8	5410231.0	39421.80078	292.97	0	48.845041	-86.953253	55992.20	56244.1	5.92	55998.12	55997.15234	56000.09826	55998.39063	503429.8	5410231.0
L3430.0	503429.9	5410230.3	39421.89844	292.81	0	48.845034	-86.953252	55993.18	56244.1	5.92	55999.11	55998.10547	56000.60818	55998.87500	503429.9	5410230.3
L3430.0	503429.9	5410229.7	39422.00000	290.90	0	48.845029	-86.953251	55993.12	56244.1	5.92	55999.04	55997.99609	56000.66305	55998.90625	503429.9	5410229.7
L3430.0	503429.9	5410229.7	39422.10156	294.28	0	48.845029	-86.953251	55993.77	56244.1	5.92	55999.69	55998.60938	56001.01955	55999.23828	503429.9	5410229.7
L3430.0	503430.0	5410229.0	39422.19922	294.20	0	48.845023	-86.953250	55993.59	56244.1	5.92	55999.51	55998.38672	56001.02666	55999.21875	503430.0	5410229.0
L3430.0	503430.1	5410228.5	39422.30078	294.51	0	48.845019	-86.953249	55993.46	56244.1	5.92	55999.38	55998.21875	56001.05638	55999.22656	503430.1	5410228.5
L3430.0	503430.2	5410228.0	39422.39844	293.60	0	48.845014	-86.953248	55994.00	56244.1	5.92	55999.91	55998.70703	56001.35719	55999.50000	503430.2	5410228.0
L3430.0	503430.2	5410228.0	39422.50000	291.07	0	48.845014	-86.953248	55993.84	56244.1	5.92	55999.76	55998.51953	56001.38012	55999.50000	503430.2	5410228.0
L3430.0	503430.2	5410227.5	39422.60156	291.73	0	48.845009	-86.953247	55994.18	56244.1	5.91	56000.09	55998.80859	56001.59665	55999.69141	503430.2	5410227.5
L3430.0	503430.2	5410227.5	39422.69922	294.31	0	48.845009	-86.953247	55994.30	56244.1	5.91	56000.21	55998.88672	56001.72803	55999.79688	503430.2	5410227.5
L3430.0	503430.3	5410226.8	39422.80078	294.16	0	48.845003	-86.953245	55994.68	56244.1	5.91	56000.59	55999.22656	56001.95997	56000.00391	503430.3	5410226.8
L3430.0	503430.5	5410226.2	39422.89844	295.77	0	48.844998	-86.953244	55994.81	56244.1	5.91	56000.72	55999.31250	56002.09213	56000.11328	503430.5	5410226.2
L3430.0	503430.6	5410225.7	39423.00000	292.77	0	48.844993	-86.953242	55994.90	56244.1	5.91	56000.81	55999.36328	56002.20732	56000.20313	503430.6	5410225.7
L3430.0	503430.7	5410225.2	39423.10156	291.29	0	48.844989	-86.953241	55995.32	56244.1	5.91	56001.23	55999.74219	56002.44648	56000.41797	503430.7	5410225.2
L3430.0	503430.7	5410225.2	39423.19922	292.12	0	48.844989	-86.953241	55995.62	56244.1	5.92	56001.54	56000.00781	56002.64049	56000.58594	503430.7	5410225.2
L3430.0	503430.8	5410224.8	39423.30078	290.52	0	48.844985	-86.953239	55995.67	56244.1	5.92	56001.59	56000.01563	56002.73261	56000.65234	503430.8	5410224.8
L3430.0	503430.8	5410224.8	39423.39844	289.69	0	48.844985	-86.953239	55995.87	56244.1	5.93	56001.79	56000.17188	56002.87850	56000.77344	503430.8	5410224.8
L3430.0	503430.9	5410224.4	39423.50000	291.15	0	48.844981	-86.953237	55996.25	56244.1	5.93	56002.18	56000.51953	56003.09382	56000.96484	503430.9	5410224.4
L3430.0	503431.1	5410223.9	39423.60156	289.83	0	48.844977	-86.953235	55996.57	56244.1	5.93	56002.51	56000.80469	56003.28336	56001.12891	503431.1	5410223.9
L3430.0	503431.1	5410223.9	39423.69922	293.19	0	48.844977	-86.953235	55997.18	56244.1	5.94	56003.12	56001.37109	56003.58191	56001.39844	503431.1	5410223.9
L3430.0	503431.2	5410223.4	39423.80078	295.44	0	48.844973	-86.953233	55997.48	56244.1	5.94	56003.43	56001.63672	56003.76240	56001.55469	503431.2	5410223.4
L3430.0	503431.3	5410223.2	39423.89844	293.17	0	48.844970	-86.953232	55997.34	56244.1	5.95	56003.28	56001.44141	56003.75076	56001.51563	503431.3	5410223.2
L3430.0	503431.4	5410222.8	39424.00000	293.41	0	48.844967	-86.953230	55997.11	56244.1	5.95	56003.06	56001.17578	56003.69779	56001.43750	503431.4	5410222.8
L3430.0	503431.4	5410222.8	39424.10156	290.89	0	48.844967	-86.953230	55997.21	56244.1	5.95	56003.16	56001.23438	56003.77396	56001.48828	503431.4	5410222.8
L3430.0	503431.6	5410222.5	39424.19922	290.95	0	48.844964	-86.953229	55997.34	56244.1	5.95	56003.28	56001.30859	56003.85498	56001.53906	503431.6	5410222.5
L3430.0	503431.7	5410222.2	39424.30078	291.39	0	48.844961	-86.953227	55998.24	56244.1	5.95	56004.19	56002.17188	56004.31652	56001.97656	503431.7	5410222.2
L3430.0	503431.8	5410221.9	39424.39844	291.49	0	48.844959	-86.953225	55998.38	56244.1	5.95	56004.32	56002.25391	56004.41259	56002.04297	503431.8	5410221.9
L3430.0	503431.8	5410221.9	39424.50000	294.23	0	48.844959	-86.953225	55998.60	56244.1	5.94	56004.54	56002.42969	56004.55480	56002.16016	503431.8	5410221.9
L3430.0	503431.9	5410221.7	39424.60156	293.87	0	48.844957	-86.953224	55998.86	56244.1	5.94	56004.80	56002.64063	56004.72151	56002.29688	503431.9	5410221.7
L3430.0	503431.9	5410221.7	39424.69922	294.60	0	48.844957	-86.953224	55998.98	56244.1	5.94	56004.92	56002.71484	56004.81282	56002.36328	503431.9	5410221.7
L3430.0	503432.2	5410221.3	39424.80078	297.59	0	48.844953	-86.953220	55999.13	56244.1	5.94	56005.08	56002.82813	56004.92614	56002.44531	503432.2	5410221.3
L3430.0	503432.2	5410221.3	39424.89844	298.27	0	48.844953	-86.953220	55999.11	56244.1	5.94	56005.05	56002.75000	56004.92440	56002.41797	503432.2	5410221.3
L3430.0	503432.3	5410221.1	39425.00000	297.58	0	48.844952	-86.953219	55999.36	56244.1	5.94	56005.30	56002.95313	56005.09024	56002.55469	503432.3	5410221.1
L3430.0	503432.4	5410221.0	39425.10156	296.34	0	48.844951	-86.953218	55999.13	56244.1	5.94	56005.08	56002.68359	56004.95979	56002.39453	503432.4	5410221.0
L3430.0	503432.4	5410221.0	39425.19922	294.88	0	48.844951	-86.953218	55998.95	56244.1	5.95	56004.90	56002.45313	56004.84554	56002.25000	503432.4	5410221.0
L3430.0	503432.5	5410220.8	39425.30078	295.62	0	48.844949	-86.953217	55999.16	56244	5.95	56005.11	56002.61719	56004.97921	56002.35547	503432.5	5410220.8
L3430.0	503432.5	5410220.7	39425.39844	294.84	0	48.844949	-86.953216	55998.47	56244	5.96	56004.43	56001.88672	56004.52761	56001.87500	503432.5	5410220.7
L3430.0	503432.5	5410220.7	39425.50000	294.51	0	48.844949	-86.953216	55999.08	56244	5.96	56005.04	56002.44531	56004.91906	56002.23828	503432.5	5410220.7
L3430.0	503432.5	5410220.7	39425.60156	296.72	0	48.844948	-86.953216	55998.29	56244	5.96	56004.26	56001.61719	56004.39803	56001.68750	503432.5	5410220.7
L3430.0	503432.5	5410220.6	39425.69922	295.42	0	48.844947	-86.953216	55998.73	56244	5.97	56004.70	56002.00781	56004.67291	56001.92969	503432.5	5410220.6
L3430.0	503432.5	5410220.5	39425.80078	296.26	0	48.844946	-86.953216	55998.32	56244	5.97	56004.29	56001.54688	56004.39864	56001.62500	503432.5	5410220.5
L3430.0	503432.5	5410220.5	39425.89844	298.66	0	48.844946	-86.953216	55998.12	56244	5.98	56004.10	56001.30469	56004.27090	56001.46875	503432.5	5410220.5
L3430.0	503432.5	5410220.4	39426.00000	297.44	0	48.844946	-86.953217	55998.25	56244	5.98	56004.23	56001.38672	56004.34225	56001.50781	503432.5	5410220.4
L3430.0	503432.5	5410220.4	39426.10156	295.45	0	48.844946	-86.953217	55997.96	56244	5.98	56003.94	56001.04297	56004.16431	56001.30078	503432.5	5410220.4
L3430.0	503432.4	5410220.4	39426.19922	294.42	0	48.844945	-86.953218	55998.35	56244	5.98	56004.33	56001.38281	56004.37830	56001.48047	503432.4	5410220.4
L3430.0	503432.4	5410220.4	39426.30078	293.92	0	48.844945	-86.953218	55998.04	56244	5.98	56004.03	56001.03125	56004.20673	56001.28125	503432.4	5410220.4
L3430.0	503432.3	5410220.3	39426.39844	295.41	0	48.844945	-86.953219	55998.42	56244	5.98	56004.40	56001.35156	56004.38648	56001.42578	503432.3	5410220.3
L3430.0	503432.2	5410220.3	39426.50000	294.31	0	48.844944	-86.953221	55998.04	56244	5.99	56004.03	56000.92969	56004.19818	56001.20703	503432.2	5410220.3
L3430.0	503432.2	5410220.3	39426.60156	290.86	0	48.844944	-86.953221	55997.74	56244	5.99	56003.72	56000.56641	56004.06103	56001.03906	503432.2	5410220.3
L3430.0	503432.0	5410220.2	39426.69922	291.95	0	48.844943	-86.953223	55997.61	56244	5.99	56003.60	56000.39453	56004.02159	56000.96875	503432.0	5410220.2
L3430.0	503431.9	5410220.1	39426.80078	292.17	0	48.844942	-86.953224	55997.62	56244	5.99	56003.60	56000.33984	56004.03486	56000.94922	503431.9	5410220.1
L3430.0	503431.8	5410219.9	39426.89844	294.18	0	48.844941	-86.953226	55997.96	56244	5.99	56003.95	56000.64063	56004.16538	56001.04688	503431.8	5410219.9
L3430.0	503431.8	5410219.9	39427.00000	295.27	0	48.844941	-86.953226	55998.29	56244	5.99	56004.28	56000.91406	56004.26980	56001.11719	503431.8	5410219.9
L3430.0	503431.6	5410219.7	39427.10156	292.44	0	48.844939	-86.953228	55998.55	56244	5.99	56004.54	56001.12109	56004.33840	56001.15625	503431.6	5410219.7
L3430.0	503431.5	5410219.5	39427.19922	291.73	0	48.844938	-86.953230	55998.60	56244	5.99	56004.59	56001.12109	56004.34330	56001.12891	503431.5	5410219.5
L3430.0	503431.4	5410219.3	39427.30078	289.94	0	48.844936	-86.953231	55999.36	56244	5.99	56005.35	56001.82813	56004.52163	56001.27344	503431.4	5410219.3
L3430.0	503431.4	5410219.3	39427.39844	289.88	0	48.844936	-86.953231	55999.06	56244	5.99	56005.05	56001.47266	56004.44120	56001.16016	503431.4	5410219.3
L3430.0	503431.3	5410219.1	39427.50000	290.76	0	48.844933	-86.953232	55999.18	56244	5.99	56005.17	56001.53906	56004.46718	56001.15234	503431.3	5410219.1
L3430.0	503431.2	5410218.7	39427.60156	290.20	0	48.844931	-86.953233	55998.63	56244	6.00	56004.63	56000.94531	56004.34095	56000.99219	503431.2	5410218.7
L3430.0	503431.2	5410218.5	39427.69922	289.33	0	48.844928	-86.953234	55998.60	56244	6.00	56004.60	56000.86328	56004.33580	56000.95703	503431.2	5410218.5
L3430.0	503431.1	5410218.1	39427.80078	291.48	0	48.844924	-86.953235	55998.88	56244	6.00	56004.88	56001.08594	56004.41653	56001.00391	503431.1	5410218.1
L3430.0	503431.1	5410218.1	39427.89844	290.41	0	48.844924	-86.953235	55999.08	56244	6.00	56005.08	56001.23438	56004.48983	56001.04297	503431.1	5410218.1
L3430.0	503431.1	5410217.8	39428.00000	289.23	0	48.844922	-86.953235	55999.99	56244	6.00	56005.99	56002.08984	56004.82087	56001.33984	503431.1	5410217.8
L3430.0	503431.1	5410217.8	39428.10156	286.27	0	48.844922	-86.953235	56000.04	56244	6.00	56006.04	56002.08594	56004.90109	56001.38672	503431.1	5410217.8
L3430.0	503431.0	5410217.3	39428.19922	283.56	0	48.844917	-86.953236	56001.00	56244	6.00	56007.01	56003.00000	56005.38774	56001.83984	503431.0	5410217.3
L3430.0	503431.0	5410216.9	39428.30078	286.01	0	48.844914	-86.953237	56000.77	56244	6.01	56006.78	56002.71875	56005.40078	56001.82031	503431.0	5410216.9
L3430.0	503431.0	5410216.9	39428.39844	289.53	0	48.844914	-86.953237	56001.54	56244	6.01	56007.54	56003.42188	56005.92890	56002.31641	503431.0	5410216.9
L3430.0	503431.0	5410216.5	39428.50000	291.35	0	48.844910	-86.953237	56001.51	56244	6.01	56007.52	56003.34766	56006.08561	56002.43750	503431.0	5410216.5
L3430.0	503431.0	5410216.2	39428.60156	294.92	0	48.844908	-86.953236	56001.79	56244	6.01	56007.80	56003.57422	56006.44354	56002.76172	503431.0	5410216.2
L3480.0	503482.3	5410221.1	39445.80078	307.19	0	48.844951	-86.952538	55992.36	56244.1	5.92	55998.27	55986.59375	56018.69234	56005.28906	503482.3	5410221.1
L3480.0	503482.3	5410221.1	39445.89844	306.30	0	48.844951	-86.952538	55992.40	56244.1	5.92	55998.32	55986.66016	56016.18109	56002.87109	503482.3	5410221.1
L3480.0	503482.3	5410221.3	39446.00000	306.61	0	48.844953	-86.952538	55992.13	56244.1	5.92	55998.04	55986.39844	56005.46563	55992.25000	503482.3	5410221.3
L3480.0	503482.3	5410221.5	39446.10156	305.33	0	48.844955	-86.952537	55992.45	56244.1	5.92	55998.38	55986.75391	56014.31032	56001.18750	503482.3	5410221.5
L3480.0	503482.3	5410221.5	39446.19922	302.45	0	48.844955	-86.952537	55992.23	56244.1	5.93	55998.15	55986.53906	56007.70365	55994.67188	503482.3	5410221.5
L3480.0	503482.3	5410221.8	39446.30078	299.80	0	48.844958	-86.952537	55992.02	56244.1	5.93	55997.95	55986.35547	56003.02064	55990.08203	503482.3	5410221.8
L3480.0	503482.3	5410221.9	39446.39844	303.28	0	48.844959	-86.952537	55991.94	56244.1	5.93	55997.87	55986.29297	56002.52121	55989.67578	503482.3	5410221.9
L3480.0	503482.3	5410221.9	39446.50000	304.49	0	48.844959	-86.952537	55991.41	56244.1	5.93	55997.35	55985.78906	55990.18984	55977.43359	503482.3	5410221.9
L3480.0	503482.3	5410222.2	39446.60156	305.61	0	48.844962	-86.952537	55991.64	56244.1	5.94	55997.58	55986.03516	55999.04880	55986.38281	503482.3	5410222.2
L3480.0	503482.4	5410222.5	39446.69922	306.29	0	48.844964	-86.952537	55991.32	56244.1	5.94	55997.26	55985.73047	55992.72347	55980.14844	503482.4	5410222.5
L3480.0	503482.4	5410222.7	39446.80078	293.39	0	48.844966	-86.952536	55991.32	56244.1	5.94	55997.26	55985.74609	55995.00556	55982.52344	503482.4	5410222.7
L3480.0	503482.4	5410222.7	39446.89844	293.11	0	48.844966	-86.952536	55991.14	56244.1	5.95	55997.09	55985.59375	55992.50568	55980.11328	503482.4	5410222.7
L3480.0	503482.4	5410223.1	39447.00000	307.54	0	48.844969	-86.952537	55991.04	56244.1	5.95	55996.99	55985.50781	55991.64172	55979.33594	503482.4	5410223.1
L3480.0	503482.3	5410223.4	39447.10156	308.50	0	48.844972	-86.952537	55991.21	56244	5.95	55997.17	55985.70703	55997.60740	55985.39063	503482.3	5410223.4
L3480.0	503482.3	5410223.7	39447.19922	311.32	0	48.844975	-86.952537	55990.96	56244	5.96	55996.91	55985.46094	55992.39252	55980.26172	503482.3	5410223.7

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L3480.0	503482.3	5410223.7	39447.30078	312.66	0	48.844975	-86.952537	55991.14	56244	5.96	55997.10	55985.66797	55998.03268	55985.98828	503482.3	5410223.7
L3480.0	503482.3	5410224.0	39447.39844	301.94	0	48.844978	-86.952537	55991.01	56244	5.96	55996.97	55985.55469	55996.15460	55984.19922	503482.3	5410224.0
L3480.0	503482.3	5410224.4	39447.50000	299.19	0	48.844981	-86.952537	55991.24	56244	5.96	55997.20	55985.80078	56002.28095	55990.41016	503482.3	5410224.4
L3480.0	503482.3	5410224.4	39447.60156	311.90	0	48.844981	-86.952537	55990.93	56244	5.97	55996.90	55985.51953	55997.49826	55985.71094	503482.3	5410224.4
L3480.0	503482.3	5410224.8	39447.69922	309.71	0	48.844985	-86.952538	55990.96	56244	5.97	55996.93	55985.56250	55999.75461	55988.05078	503482.3	5410224.8
L3480.0	503482.2	5410225.3	39447.80078	306.64	0	48.844989	-86.952538	55990.98	56244	5.97	55996.96	55985.60938	56001.97734	55990.35547	503482.2	5410225.3
L3480.0	503482.2	5410225.3	39447.89844	294.59	0	48.844989	-86.952538	55991.01	56244	5.98	55996.99	55985.65625	56003.96961	55992.42969	503482.2	5410225.3
L3480.0	503482.2	5410225.8	39448.00000	292.91	0	48.844994	-86.952539	55990.88	56244	5.98	55996.86	55985.54297	56003.47981	55992.01953	503482.2	5410225.8
L3480.0	503482.2	5410226.3	39448.10156	307.69	0	48.844998	-86.952539	55990.33	56244	5.98	55996.31	55985.01172	55998.61598	55987.23438	503482.2	5410226.3
L3480.0	503482.1	5410226.7	39448.19922	305.30	0	48.845002	-86.952540	55990.18	56244	5.98	55996.16	55984.87891	55998.53071	55987.22656	503482.1	5410226.7
L3480.0	503482.1	5410226.7	39448.30078	290.86	0	48.845002	-86.952540	55989.42	56244	5.98	55995.40	55984.13281	55991.65294	55980.42578	503482.1	5410226.7
L3480.0	503482.1	5410227.3	39448.39844	291.94	0	48.845007	-86.952540	55989.06	56244	5.98	55995.04	55983.78906	55996.59914	55985.44922	503482.1	5410227.3
L3480.0	503482.0	5410228.1	39448.50000	292.91	0	48.845014	-86.952541	55988.28	56244	5.98	55994.25	55983.01953	55994.39152	55983.31250	503482.0	5410228.1
L3480.0	503482.0	5410228.6	39448.60156	291.70	0	48.845019	-86.952542	55988.58	56244	5.97	55994.56	55983.34375	55994.65795	55983.65234	503482.0	5410228.6
L3480.0	503482.0	5410228.6	39448.69922	293.13	0	48.845019	-86.952542	55988.23	56244	5.97	55994.20	55983.00000	55994.67404	55983.74219	503482.0	5410228.6
L3480.0	503481.9	5410229.7	39448.80078	292.10	0	48.845029	-86.952543	55987.90	56244	5.97	55993.87	55982.68750	55994.53465	55983.67188	503481.9	5410229.7
L3480.0	503481.9	5410229.7	39448.89844	291.32	0	48.845029	-86.952543	55988.00	56244	5.97	55993.97	55982.80469	55994.73970	55983.94531	503481.9	5410229.7
L3480.0	503481.8	5410230.2	39449.00000	291.32	0	48.845033	-86.952543	55987.44	56244	5.97	55993.41	55982.26172	55994.60852	55983.88281	503481.8	5410230.2
L3480.0	503481.8	5410230.9	39449.10156	290.44	0	48.845039	-86.952544	55987.20	56244	5.97	55993.17	55982.03906	55994.66505	55984.00391	503481.8	5410230.9
L3480.0	503481.8	5410230.9	39449.19922	292.76	0	48.845039	-86.952544	55987.22	56244	5.98	55993.20	55982.08594	55994.80861	55984.21094	503481.8	5410230.9
L3480.0	503481.7	5410231.8	39449.30078	289.51	0	48.845048	-86.952545	55987.50	56244	5.98	55993.47	55982.37500	55994.97314	55984.43750	503481.7	5410231.8
L3480.0	503481.7	5410232.4	39449.39844	287.69	0	48.845053	-86.952545	55986.98	56244	5.98	55992.97	55981.89063	55994.94776	55984.47266	503481.7	5410232.4
L3480.0	503481.7	5410233.1	39449.50000	286.27	0	48.845060	-86.952546	55987.24	56244	5.99	55993.22	55982.16016	55995.03544	55984.62109	503481.7	5410233.1
L3480.0	503481.7	5410233.1	39449.60156	284.26	0	48.845060	-86.952546	55987.09	56244	5.99	55993.08	55982.03906	55995.03605	55984.67969	503481.7	5410233.1
L3480.0	503481.7	5410233.9	39449.69922	286.04	0	48.845066	-86.952546	55986.71	56244	5.99	55992.70	55981.67578	55994.98838	55984.68750	503481.7	5410233.9
L3480.0	503481.7	5410234.6	39449.80078	289.23	0	48.845073	-86.952545	55986.73	56244	5.99	55992.73	55981.72266	55994.94939	55984.70313	503481.7	5410234.6
L3480.0	503481.7	5410234.6	39449.89844	287.87	0	48.845073	-86.952545	55986.41	56244	6.00	55992.40	55981.41016	55994.83557	55984.64063	503481.7	5410234.6
L3480.0	503481.7	5410235.3	39450.00000	288.59	0	48.845079	-86.952545	55986.58	56244	6.00	55992.58	55981.60938	55994.74833	55984.60547	503481.7	5410235.3
L3480.0	503481.8	5410236.3	39450.10156	288.06	0	48.845088	-86.952544	55986.16	56244	6.00	55992.16	55981.20703	55994.53514	55984.44141	503481.8	5410236.3
L3480.0	503481.8	5410237.0	39450.19922	288.48	0	48.845095	-86.952544	55985.85	56244	6.00	55991.85	55980.91406	55994.28442	55984.23828	503481.8	5410237.0
L3480.0	503481.8	5410237.0	39450.30078	291.39	0	48.845095	-86.952544	55986.08	56244	6.00	55992.08	55981.16406	55994.14154	55984.14453	503481.8	5410237.0
L3480.0	503481.9	5410238.0	39450.39844	291.79	0	48.845104	-86.952543	55985.85	56244	6.00	55991.86	55980.96094	55993.84885	55983.89453	503481.9	5410238.0
L3480.0	503481.9	5410238.0	39450.50000	291.98	0	48.845104	-86.952543	55985.88	56244	6.00	55991.88	55981.00000	55993.62103	55983.71094	503481.9	5410238.0
L3480.0	503481.9	5410238.7	39450.60156	289.73	0	48.845110	-86.952542	55985.80	56244	6.01	55991.81	55980.94922	55993.34426	55983.47266	503481.9	5410238.7
L3480.0	503482.0	5410239.6	39450.69922	292.91	0	48.845118	-86.952541	55985.52	56244	6.01	55991.53	55980.68750	55992.93372	55983.10156	503482.0	5410239.6
L3480.0	503482.0	5410240.3	39450.80078	293.41	0	48.845124	-86.952541	55985.30	56244	6.01	55991.31	55980.48828	55992.52691	55982.73438	503482.0	5410240.3
L3480.0	503482.0	5410240.3	39450.89844	294.13	0	48.845124	-86.952541	55985.04	56244	6.01	55991.05	55980.24609	55992.30714	55982.55078	503482.0	5410240.3
L3480.0	503482.1	5410241.3	39451.00000	296.39	0	48.845133	-86.952540	55985.07	56244	6.01	55991.08	55980.29688	55991.83514	55982.11328	503482.1	5410241.3
L3480.0	503482.1	5410241.3	39451.10156	298.70	0	48.845133	-86.952540	55984.96	56244	6.01	55990.97	55980.20703	55991.50272	55981.81250	503482.1	5410241.3
L3480.0	503482.1	5410242.1	39451.19922	300.27	0	48.845140	-86.952539	55984.79	56244	6.01	55990.80	55980.05469	55991.15644	55981.50000	503482.1	5410242.1
L3480.0	503482.2	5410243.1	39451.30078	301.61	0	48.845150	-86.952539	55984.92	56244	6.01	55990.93	55980.20313	55991.01656	55981.38672	503482.2	5410243.1
L3480.0	503482.2	5410244.0	39451.39844	299.86	0	48.845157	-86.952538	55984.48	56244	6.01	55990.49	55979.78516	55990.49000	55980.89063	503482.2	5410244.0
L3480.0	503482.2	5410244.0	39451.50000	300.53	0	48.845157	-86.952538	55984.51	56244	6.01	55990.52	55979.83594	55990.91374	55981.33984	503482.2	5410244.0
L3480.0	503482.2	5410244.7	39451.60156	299.96	0	48.845164	-86.952538	55984.18	56244	6.01	55990.19	55979.52344	55989.14435	55979.59375	503482.2	5410244.7
L3480.0	503482.3	5410245.5	39451.69922	300.63	0	48.845171	-86.952537	55984.11	56244	6.01	55990.12	55979.47656	55990.07307	55980.54688	503482.3	5410245.5
L3480.0	503482.3	5410245.5	39451.80078	298.99	0	48.845171	-86.952537	55984.08	56244	6.01	55990.09	55979.46484	55989.05276	55979.54688	503482.3	5410245.5
L3480.0	503482.3	5410246.4	39451.89844	296.71	0	48.845179	-86.952537	55984.13	56244	6.01	55990.14	55979.53516	55990.57008	55981.08594	503482.3	5410246.4
L3480.0	503482.3	5410247.3	39452.00000	297.28	0	48.845187	-86.952537	55983.83	56244	6.01	55989.84	55979.25781	55988.59756	55979.12891	503482.3	5410247.3
L3480.0	503482.3	5410248.2	39452.10156	299.41	0	48.845195	-86.952537	55983.90	56244	6.01	55989.91	55979.34766	55989.62563	55980.17578	503482.3	5410248.2
L3480.0	503482.3	5410248.2	39452.19922	299.17	0	48.845195	-86.952537	55983.95	56244	6.01	55989.96	55979.41797	55989.92556	55980.48828	503482.3	5410248.2
L3480.0	503482.3	5410249.1	39452.30078	300.92	0	48.845203	-86.952537	55983.75	56244	6.01	55989.76	55979.24219	55989.43271	55980.01172	503482.3	5410249.1
L3480.0	503482.3	5410249.9	39452.39844	298.36	0	48.845211	-86.952537	55983.81	56244	6.01	55989.82	55979.32031	55989.82000	55980.41016	503482.3	5410249.9
L3480.0	503482.3	5410251.0	39452.50000	296.54	0	48.845221	-86.952537	55983.95	56244	6.01	55989.96	55979.48438	55990.12994	55980.73047	503482.3	5410251.0
L3480.0	503482.3	5410251.0	39452.60156	295.64	0	48.845221	-86.952537	55984.00	56244	6.01	55990.01	55979.55469	55990.31677	55980.92969	503482.3	5410251.0
L3480.0	503482.3	5410252.2	39452.69922	295.69	0	48.845232	-86.952537	55983.45	56244	6.01	55989.46	55979.02734	55990.29416	55980.91406	503482.3	5410252.2
L3480.0	503482.3	5410253.0	39452.80078	294.75	0	48.845239	-86.952537	55983.65	56244	6.01	55989.66	55979.25000	55990.58342	55981.21094	503482.3	5410253.0
L3480.0	503482.3	5410254.0	39452.89844	294.73	0	48.845248	-86.952537	55983.77	56244	6.01	55989.78	55979.39063	55990.85271	55981.48438	503482.3	5410254.0
L3480.0	503482.3	5410254.0	39453.00000	293.98	0	48.845248	-86.952537	55983.83	56244	6.01	55989.84	55979.47656	55991.08620	55981.72266	503482.3	5410254.0
L3480.0	503482.3	5410255.1	39453.10156	296.09	0	48.845257	-86.952537	55983.70	56244	6.01	55989.71	55979.36719	55991.41447	55982.05469	503482.3	5410255.1
L3480.0	503482.3	5410256.1	39453.19922	295.78	0	48.845267	-86.952537	55983.68	56244	6.01	55989.69	55979.37109	55991.50212	55982.14453	503482.3	5410256.1
L3480.0	503482.3	5410257.3	39453.30078	296.41	0	48.845277	-86.952538	55983.85	56244	6.01	55989.86	55979.56641	55991.88185	55982.52344	503482.3	5410257.3
L3480.0	503482.3	5410257.3	39453.39844	298.31	0	48.845277	-86.952538	55983.78	56244	6.01	55989.78	55979.50781	55992.09673	55982.73828	503482.3	5410257.3
L3480.0	503482.3	5410258.8	39453.50000	298.34	0	48.845291	-86.952538	55983.93	56244	6.01	55989.93	55979.68359	55992.46507	55983.10547	503482.3	5410258.8
L3480.0	503482.3	5410258.8	39453.60156	297.67	0	48.845291	-86.952538	55983.95	56244	6.00	55989.96	55979.73828	55992.75926	55983.39844	503482.3	5410258.8
L3480.0	503482.2	5410260.2	39453.69922	294.25	0	48.845303	-86.952538	55984.34	56244	6.00	55990.34	55980.14063	55993.25127	55983.88672	503482.2	5410260.2
L3480.0	503482.2	5410260.2	39453.80078	294.04	0	48.845303	-86.952538	55984.20	56244	6.00	55990.21	55980.03516	55993.45524	55984.08594	503482.2	5410260.2
L3480.0	503482.2	5410261.2	39453.89844	292.39	0	48.845312	-86.952538	55984.28	56244	6.00	55990.28	55980.12891	55993.76662	55984.39453	503482.2	5410261.2
L3480.0	503482.2	5410262.2	39454.00000	292.08	0	48.845321	-86.952538	55984.51	56244	6.00	55990.51	55980.38672	55994.14837	55984.76953	503482.2	5410262.2
L3480.0	503482.2	5410263.6	39454.10156	291.06	0	48.845334	-86.952538	55984.54	56244	6.00	55990.53	55980.42969	55994.41436	55985.02734	503482.2	5410263.6
L3480.0	503482.2	5410263.6	39454.19922	289.28	0	48.845334	-86.952538	55984.94	56244	5.99	55990.93	55980.85547	55994.83574	55985.44141	503482.2	5410263.6
L3480.0	503482.2	5410264.8	39454.30078	291.09	0	48.845344	-86.952538	55984.96	56244	5.99	55990.95	55980.90234	55995.06005	55985.66016	503482.2	5410264.8
L3480.0	503482.2	5410265.7	39454.39844	291.70	0	48.845353	-86.952538	55985.14	56244	5.99	55991.13	55981.10938	55995.32527	55985.91406	503482.2	5410265.7
L3480.0	503482.2	5410266.9	39454.50000	294.12	0	48.845363	-86.952538	55985.04	56244	5.99	55991.02	55981.02734	55995.43011	55986.01172	503482.2	5410266.9
L3480.0	503482.2	5410266.9	39454.60156	295.35	0	48.845363	-86.952538	55985.60	56244	5.98	55991.58	55981.61328	55995.79803	55986.36719	503482.2	5410266.9
L3480.0	503482.2	5410268.1	39454.69922	290.77	0	48.845374	-86.952538	55985.75	56244	5.98	55991.72	55981.78125	55995.95224	55986.51172	503482.2	5410268.1
L3480.0	503482.2	5410269.8	39454.80078	292.29	0	48.845389	-86.952539	55985.98	56244	5.98	55991.95	55982.03516	55996.11955	55986.66797	503482.2	5410269.8
L3480.0	503482.2	5410269.8	39454.89844	291.31	0	48.845389	-86.952539	55986.61	56244	5.97	55992.59	55982.70313	55996.46227	55987.00000	503482.2	5410269.8
L3480.0	503482.2	5410270.7	39455.00000	292.67	0	48.845398	-86.952539	55986.96	56244	5.97	55992.93	55983.07422	55996.64536	55987.17188	503482.2	5410270.7
L3480.0	503482.2	5410272.0	39455.10156	291.29	0	48.845409	-86.952539	55987.29	56244	5.97	55993.26	55983.42969	55996.80903	55987.32031	503482.2	5410272.0
L3480.0	503482.2	5410273.2	39455.19922	292.17	0	48.845420	-86.952539	55987.82	56244	5.97	55993.79	55983.98828	55997.07491	55987.57422	503482.2	5410273.2
L3480.0	503482.1	5410274.1	39455.30078	293.86	0	48.845428	-86.952539	55987.88	56244	5.97	55993.84	55984.07031	55997.06199	55987.55078	503482.1	5410274.1
L3480.0	503482.1	5410274.1	39455.39844	294.16	0	48.845428	-86.952539	55988.16	56244	5.97	55994.12	55984.37891	55997.17391	55987.64844	503482.1	5410274.1
L3480.0	503482.1	5410275.7	39455.50000	294.82	0	48.845442	-86.952539	55988.54	56244	5.96	55994.50	55984.78516	55997.34977	55987.81250	503482.1	5410275.7
L3480.0	503482.1	5410277.1	39455.60156	296.73	0	48.845456	-86.952540	55989.04	56244	5.96	55995.00	55985.31641	55997.61675	55988.06641	503482.1	5410277.1
L3480.0	503482.1	5410277.1	39455.69922	299.72	0	48.845456	-86.952540	55989.27	56244	5.96	55995.23	55985.57813	55997.71472	55988.14844	503482.1	5410277.1
L3480.0	503482.1	5410278.2	39455.80078	297.51	0	48.845465	-86.952540	55989.82	56244	5.96	55995.79	55986.16797	55998.06197	55988.48438	503482.1	5410278.2
L3480.0	503482.0	5410279.7	39455.89844	298.01	0	48.845478	-86.952540	55990.53	56244	5.96	55996.49	55986.89844	55998.59779	55989.00391	503482.0	5410279.7
L3480.0	503482.0	5410279.7	39456.00000	300.19	0	48.845478	-86.952540	55991.06	56244	5.96	55997.02	55987.46094	55998.98894	55989.38281	503482.0	5410279.7
L3480.0	503482.0	5410280.8	39456.10156	302.88	0	48.845489	-86.952541	55991.41	56244	5.96	55997.37	55987.83984	55999.51928	55989.89844	503482.0	5410280.8
L3480.0	503482.0	5410280.8	39456.19922	300.10	0	48.845489	-86.952541	55992.13	56244	5.96	55998.08	55988.58203	55999.96482	55990.33203	503482.0	5410280.8
L3480.0	503482.0	5410282.2	39456.30078	296.59	0	48.845501	-86.952541	55993.11	56244	5.95	55999.06	55989.59375	56000.33334	55990.68750	503482.0	5410282.2
L3480.0	503482.0	5410283.2	39456.39844	294.86	0	48.845510	-86.952541	55993.24	56244	5.95	55999.19	55989.75781	56001.01775	55991.35938	503482.0	5410283.2
L3480.0	503482.0	5410284.4	39456.50000	294.41	0	48.845521	-86.952541	55993.72	56244	5.95	55999.67	55990.26953	56001.56534	55991.89453	503482.0	5410284.4

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L3480.0	503481.9	5410285.5	39456.60156	295.14	0	48.845531	-86.952542	55994.38	56244.1	5.95	56000.32	55990.95313	56002.14381	55992.46094	503481.9	5410285.5
L3480.0	503481.9	5410286.9	39456.69922	293.69	0	48.845543	-86.952542	55994.93	56244.1	5.95	56000.88	55991.54688	56002.81995	55993.12500	503481.9	5410286.9
L3480.0	503481.9	5410286.9	39456.80078	295.69	0	48.845543	-86.952542	55995.46	56244.1	5.94	56001.40	55992.10156	56003.60476	55993.89453	503481.9	5410286.9
L3480.0	503481.9	5410288.3	39456.89844	293.66	0	48.845556	-86.952542	55996.32	56244.1	5.94	56002.27	55993.00781	56004.26189	55994.54297	503481.9	5410288.3
L3480.0	503481.9	5410288.3	39457.00000	294.87	0	48.845556	-86.952542	55996.81	56244.1	5.94	56002.75	55993.51953	56005.26171	55995.53125	503481.9	5410288.3
L3480.0	503481.9	5410289.7	39457.10156	297.03	0	48.845568	-86.952542	55997.84	56244.1	5.94	56003.78	55994.58594	56005.95108	55996.20703	503481.9	5410289.7
L3480.0	503481.9	5410291.3	39457.19922	295.12	0	48.845583	-86.952542	55998.78	56244.1	5.94	56004.71	55995.55078	56006.84793	55997.09375	503481.9	5410291.3
L3480.0	503481.9	5410292.3	39457.30078	295.73	0	48.845592	-86.952542	55999.16	56244.1	5.93	56005.09	55995.96875	56007.42176	55997.66016	503481.9	5410292.3
L3480.0	503481.9	5410292.3	39457.39844	295.76	0	48.845592	-86.952542	56000.27	56244.1	5.93	56006.20	55997.11328	56008.50999	55998.73828	503481.9	5410292.3
L3480.0	503481.9	5410293.5	39457.50000	294.20	0	48.845603	-86.952543	56000.68	56244.1	5.93	56006.61	55997.55859	56009.09504	55999.31250	503481.9	5410293.5
L3480.0	503481.8	5410294.9	39457.60156	295.88	0	48.845616	-86.952543	56001.58	56244.1	5.93	56007.51	55998.49609	56010.01617	56000.22656	503481.8	5410294.9
L3480.0	503481.8	5410294.9	39457.69922	294.87	0	48.845616	-86.952543	56002.59	56244.1	5.93	56008.52	55999.54297	56011.00534	56001.20703	503481.8	5410294.9
L3480.0	503481.8	5410296.5	39457.80078	294.93	0	48.845630	-86.952543	56003.05	56244.1	5.92	56008.97	56000.03125	56011.60914	56001.80469	503481.8	5410296.5
L3480.0	503481.8	5410297.8	39457.89844	293.27	0	48.845641	-86.952543	56004.29	56244.1	5.92	56010.21	56001.30859	56012.74571	56002.93750	503481.8	5410297.8
L3480.0	503481.8	5410299.1	39458.00000	293.33	0	48.845653	-86.952543	56005.23	56244.1	5.92	56011.15	56002.28906	56013.67869	56003.86328	503481.8	5410299.1
L3480.0	503481.8	5410299.1	39458.10156	292.99	0	48.845653	-86.952543	56005.78	56244.1	5.92	56011.70	56002.87500	56014.35674	56004.53516	503481.8	5410299.1
L3480.0	503481.8	5410300.7	39458.19922	293.83	0	48.845668	-86.952544	56007.07	56244.1	5.91	56012.98	56004.19531	56015.53035	56005.70703	503481.8	5410300.7
L3480.0	503481.8	5410301.9	39458.30078	296.65	0	48.845679	-86.952544	56007.91	56244.1	5.91	56013.82	56005.07422	56016.42473	56006.59766	503481.8	5410301.9
L3480.0	503481.8	5410301.9	39458.39844	296.73	0	48.845679	-86.952544	56008.56	56244.1	5.91	56014.47	56005.76563	56017.21163	56007.37891	503481.8	5410301.9
L3480.0	503481.7	5410303.4	39458.50000	297.17	0	48.845692	-86.952544	56009.63	56244.1	5.90	56015.53	56006.86719	56018.28338	56008.44922	503481.7	5410303.4
L3480.0	503481.7	5410304.4	39458.60156	297.55	0	48.845701	-86.952544	56010.92	56244.1	5.90	56016.82	56008.19531	56019.51646	56009.68359	503481.7	5410304.4
L3480.0	503481.7	5410305.6	39458.69922	295.24	0	48.845712	-86.952545	56011.55	56244.1	5.90	56017.45	56008.86719	56020.35033	56010.51563	503481.7	5410305.6
L3480.0	503481.7	5410305.6	39458.80078	295.80	0	48.845712	-86.952545	56012.77	56244.1	5.90	56018.66	56010.12109	56021.56445	56011.73047	503481.7	5410305.6
L3480.0	503481.7	5410307.3	39458.89844	294.66	0	48.845727	-86.952545	56013.95	56244.1	5.89	56019.85	56011.35156	56022.78067	56012.94922	503481.7	5410307.3
L3480.0	503481.7	5410307.3	39459.00000	294.66	0	48.845727	-86.952545	56014.64	56244.1	5.89	56020.53	56012.07422	56023.71674	56013.88672	503481.7	5410307.3
L3480.0	503481.7	5410309.0	39459.10156	295.97	0	48.845742	-86.952545	56015.92	56244.1	5.89	56021.81	56013.39453	56025.01675	56015.18750	503481.7	5410309.0
L3480.0	503481.7	5410310.5	39459.19922	294.01	0	48.845755	-86.952545	56017.22	56244.1	5.89	56023.11	56014.73828	56026.33436	56016.50781	503481.7	5410310.5
L3480.0	503481.7	5410310.5	39459.30078	294.84	0	48.845755	-86.952545	56017.85	56244.1	5.89	56023.74	56015.41406	56027.31224	56017.49219	503481.7	5410310.5
L3480.0	503481.7	5410311.8	39459.39844	294.26	0	48.845767	-86.952545	56019.34	56244.1	5.89	56025.23	56016.94531	56028.74542	56018.92969	503481.7	5410311.8
L3480.0	503481.7	5410313.0	39459.50000	290.79	0	48.845778	-86.952545	56020.36	56244.1	5.89	56026.25	56018.01172	56029.95023	56020.14063	503481.7	5410313.0
L3480.0	503481.7	5410314.6	39459.60156	291.89	0	48.845793	-86.952545	56021.72	56244.1	5.89	56027.61	56019.41406	56031.31769	56021.51563	503481.7	5410314.6
L3480.0	503481.7	5410314.6	39459.69922	292.30	0	48.845793	-86.952545	56022.84	56244.1	5.89	56028.73	56020.58203	56032.57830	56022.78516	503481.7	5410314.6
L3480.0	503481.7	5410316.0	39459.80078	292.44	0	48.845806	-86.952545	56024.07	56244.1	5.89	56029.96	56021.85547	56033.88739	56024.10156	503481.7	5410316.0
L3480.0	503481.7	5410317.5	39459.89844	292.63	0	48.845819	-86.952545	56025.44	56244.1	5.89	56031.33	56023.27344	56035.24755	56025.47266	503481.7	5410317.5
L3480.0	503481.7	5410317.5	39460.00000	291.53	0	48.845819	-86.952545	56026.42	56244.1	5.89	56032.31	56024.29688	56036.45796	56026.69141	503481.7	5410317.5
L3480.0	503481.7	5410318.9	39460.10156	293.07	0	48.845831	-86.952545	56028.12	56244.1	5.89	56034.01	56026.04297	56037.91078	56028.15625	503481.7	5410318.9
L3480.0	503481.7	5410319.9	39460.19922	291.77	0	48.845841	-86.952545	56029.00	56244.1	5.89	56034.89	56026.97266	56039.07315	56029.33203	503481.7	5410319.9
L3480.0	503481.7	5410321.5	39460.30078	294.13	0	48.845854	-86.952545	56030.72	56244.1	5.88	56036.61	56028.73828	56040.48700	56030.75781	503481.7	5410321.5
L3480.0	503481.7	5410321.5	39460.39844	293.93	0	48.845854	-86.952545	56031.66	56244.1	5.88	56037.54	56029.71484	56041.63960	56031.92188	503481.7	5410321.5
L3480.0	503481.7	5410322.8	39460.50000	291.29	0	48.845866	-86.952544	56033.13	56244.1	5.88	56039.01	56031.23438	56042.93738	56033.23438	503481.7	5410322.8
L3480.0	503481.7	5410322.8	39460.60156	291.69	0	48.845866	-86.952544	56034.04	56244.1	5.88	56039.92	56032.19141	56044.05613	56034.36719	503481.7	5410322.8
L3480.0	503481.7	5410324.3	39460.69922	292.33	0	48.845880	-86.952544	56035.27	56244.1	5.88	56041.15	56033.47266	56045.25562	56035.58203	503481.7	5410324.3
L3480.0	503481.8	5410325.6	39460.80078	291.85	0	48.845892	-86.952544	56036.97	56244.1	5.87	56042.84	56035.21094	56046.58259	56036.92578	503481.8	5410325.6
L3480.0	503481.8	5410326.9	39460.89844	291.79	0	48.845903	-86.952543	56038.14	56244.1	5.87	56044.01	56036.42969	56047.74762	56038.10938	503481.8	5410326.9
L3480.0	503481.8	5410326.9	39461.00000	289.38	0	48.845903	-86.952543	56039.81	56244.1	5.87	56045.68	56038.15234	56049.06678	56039.44531	503481.8	5410326.9
L3480.0	503481.8	5410328.4	39461.10156	288.63	0	48.845917	-86.952543	56040.87	56244.1	5.87	56046.74	56039.26172	56050.19102	56040.58984	503481.8	5410328.4
L3480.0	503481.8	5410329.9	39461.19922	289.31	0	48.845930	-86.952543	56042.26	56244.1	5.87	56048.13	56040.70313	56051.42621	56041.84375	503481.8	5410329.9
L3480.0	503481.8	5410331.1	39461.30078	288.70	0	48.845941	-86.952543	56043.93	56244.1	5.87	56049.79	56042.41406	56052.76688	56043.20313	503481.8	5410331.1
L3480.0	503481.9	5410332.4	39461.39844	290.35	0	48.845953	-86.952542	56045.09	56244.1	5.87	56050.96	56043.63281	56053.93997	56044.39844	503481.9	5410332.4
L3480.0	503481.9	5410332.4	39461.50000	292.63	0	48.845953	-86.952542	56046.66	56244.1	5.86	56052.53	56045.25391	56055.27445	56045.75391	503481.9	5410332.4
L3480.0	503481.9	5410333.9	39461.60156	294.55	0	48.845966	-86.952542	56048.25	56244.1	5.86	56054.12	56046.89844	56056.63414	56047.13672	503481.9	5410333.9
L3480.0	503481.9	5410333.9	39461.69922	295.67	0	48.845966	-86.952542	56049.18	56244.1	5.86	56055.05	56047.87891	56057.73669	56048.26172	503481.9	5410333.9
L3480.0	503481.9	5410335.4	39461.80078	296.66	0	48.845980	-86.952542	56051.04	56244.1	5.86	56056.90	56049.78516	56059.23564	56049.78516	503481.9	5410335.4
L3480.0	503481.9	5410336.7	39461.89844	296.73	0	48.845992	-86.952541	56052.50	56244.1	5.86	56058.36	56051.29688	56060.58782	56051.16016	503481.9	5410336.7
L3480.0	503481.9	5410336.7	39462.00000	295.13	0	48.845992	-86.952541	56053.82	56244.1	5.86	56059.68	56052.66797	56061.89270	56052.48828	503481.9	5410336.7
L3480.0	503482.0	5410338.0	39462.10156	294.19	0	48.846004	-86.952541	56055.54	56244.1	5.86	56061.40	56054.44141	56063.38718	56054.00781	503482.0	5410338.0
L3480.0	503482.0	5410339.7	39462.19922	292.71	0	48.846018	-86.952541	56057.16	56244.1	5.86	56063.02	56056.11719	56064.85026	56055.49609	503482.0	5410339.7
L3480.0	503482.0	5410341.0	39462.30078	292.65	0	48.846030	-86.952540	56058.34	56244.1	5.86	56064.20	56057.35156	56066.12775	56056.80078	503482.0	5410341.0
L3480.0	503482.0	5410341.0	39462.39844	294.49	0	48.846030	-86.952540	56059.82	56244.1	5.86	56065.68	56058.88672	56067.54883	56058.24609	503482.0	5410341.0
L3480.0	503482.0	5410342.6	39462.50000	292.21	0	48.846044	-86.952540	56061.28	56244.1	5.86	56067.14	56060.40234	56068.96914	56059.69531	503482.0	5410342.6
L3480.0	503482.0	5410343.7	39462.60156	294.34	0	48.846054	-86.952540	56062.88	56244.1	5.86	56068.74	56062.05859	56070.45764	56061.21094	503482.0	5410343.7
L3480.0	503482.0	5410343.7	39462.69922	291.79	0	48.846054	-86.952540	56064.22	56244.1	5.86	56070.08	56063.45313	56071.83876	56062.62109	503482.0	5410343.7
L3480.0	503482.1	5410345.3	39462.80078	290.97	0	48.846069	-86.952539	56065.66	56244.1	5.86	56071.52	56064.94922	56073.26912	56064.07813	503482.1	5410345.3
L3480.0	503482.1	5410347.1	39462.89844	290.64	0	48.846085	-86.952539	56067.42	56244.1	5.86	56073.28	56066.76563	56074.83782	56065.67969	503482.1	5410347.1
L3480.0	503482.1	5410348.0	39463.00000	290.06	0	48.846093	-86.952539	56069.22	56244.1	5.86	56075.08	56068.62109	56076.42094	56067.28906	503482.1	5410348.0
L3480.0	503482.1	5410348.0	39463.10156	289.68	0	48.846093	-86.952539	56070.74	56244.1	5.86	56076.60	56070.19922	56077.88719	56068.78516	503482.1	5410348.0
L3480.0	503482.1	5410349.7	39463.19922	292.27	0	48.846108	-86.952539	56072.18	56244.1	5.86	56078.05	56071.70703	56079.32393	56070.25391	503482.1	5410349.7
L3480.0	503482.1	5410351.4	39463.30078	292.09	0	48.846124	-86.952539	56073.63	56244.1	5.87	56079.49	56073.20313	56080.75421	56071.71484	503482.1	5410351.4
L3480.0	503482.1	5410351.4	39463.39844	294.41	0	48.846124	-86.952539	56075.32	56244.1	5.87	56081.19	56074.96094	56082.28383	56073.27734	503482.1	5410351.4
L3480.0	503482.1	5410352.6	39463.50000	292.64	0	48.846134	-86.952538	56076.78	56244.1	5.87	56082.65	56076.47656	56083.71616	56074.74219	503482.1	5410352.6
L3480.0	503482.1	5410354.2	39463.60156	292.63	0	48.846149	-86.952539	56078.38	56244.1	5.87	56084.25	56078.13672	56085.20197	56076.26172	503482.1	5410354.2
L3480.0	503482.1	5410355.6	39463.69922	291.93	0	48.846161	-86.952539	56079.95	56244.1	5.87	56085.82	56079.76563	56086.67531	56077.76563	503482.1	5410355.6
L3480.0	503482.1	5410355.6	39463.80078	292.37	0	48.846161	-86.952539	56081.44	56244.1	5.88	56087.32	56081.32422	56088.12006	56079.24609	503482.1	5410355.6
L3480.0	503482.1	5410357.1	39463.89844	292.64	0	48.846175	-86.952539	56083.08	56244.1	5.88	56088.96	56083.01953	56089.62422	56080.78516	503482.1	5410357.1
L3480.0	503482.1	5410357.1	39464.00000	293.30	0	48.846175	-86.952539	56084.57	56244.1	5.88	56090.45	56084.57031	56091.06714	56082.26172	503482.1	5410357.1
L3480.0	503482.1	5410358.7	39464.10156	294.12	0	48.846190	-86.952539	56086.20	56244.1	5.88	56092.08	56086.25781	56092.57613	56083.80469	503482.1	5410358.7
L3480.0	503482.1	5410360.1	39464.19922	292.92	0	48.846202	-86.952539	56087.56	56244.1	5.88	56093.44	56087.67969	56093.96551	56085.23047	503482.1	5410360.1
L3480.0	503482.1	5410361.3	39464.30078	293.02	0	48.846213	-86.952539	56089.13	56244.1	5.87	56095.00	56089.29688	56095.45182	56086.75391	503482.1	5410361.3
L3480.0	503482.0	5410362.9	39464.39844	296.29	0	48.846227	-86.952540	56090.77	56244.1	5.87	56096.64	56090.99609	56096.98343	56088.32031	503482.0	5410362.9
L3480.0	503482.0	5410362.9	39464.50000	294.01	0	48.846227	-86.952540	56092.44	56244.1	5.87	56098.31	56092.72656	56098.53692	56089.91016	503482.0	5410362.9
L3480.0	503482.0	5410364.8	39464.60156	293.54	0	48.846244	-86.952540	56094.19	56244.1	5.87	56100.06	56094.53516	56100.13698	56091.54688	503482.0	5410364.8
L3480.0	503482.0	5410364.8	39464.69922	296.64	0	48.846244	-86.952540	56095.76	56244.1	5.87	56101.62	56096.15625	56101.64382	56093.09375	503482.0	5410364.8
L3480.0	503482.0	5410366.5	39464.80078	294.04	0	48.846259	-86.952540	56097.32	56244.1	5.86	56103.19	56097.78906	56103.15685	56094.64453	503482.0	5410366.5
L3480.0	503482.0	5410368.2	39464.89844	295.77	0	48.846274	-86.952540	56098.79	56244.1	5.86	56104.65	56099.30859	56104.61382	56096.13672	503482.0	5410368.2
L3480.0	503482.0	5410370.0	39465.00000	294.82	0	48.846291	-86.952540	56100.28	56244.1	5.86	56106.14	56100.85938	56106.08578	56097.64844	503482.0	5410370.0
L3480.0	503482.0	5410370.0	39465.10156	295.52	0	48.846291	-86.952540	56101.80	56244.1	5.86	56107.65	56102.42969	56107.56645	56099.16797	503482.0	5410370.0
L3480.0	503482.0	5410371.5	39465.19922	294.26	0	48.846304	-86.952540	56103.75	56244.1	5.86	56109.61	56104.44922	56109.25148	56100.89453	503482.0	5410371.5
L3480.0	503482.0	5410373.1	39465.30078	295.16	0	48.846319	-86.952540	56105.34	56244.1	5.85	56111.20	56106.10156	56110.75053	56102.42969	503482.0	5410373.1
L3480.0	503482.0	5410373.1	39465.39844	293.93	0	48.846319	-86.952540	56106.82	56244.1	5.85	56112.67	56107.62891	56112.19075	56103.91016	503482.0	5410373.1
L3480.0	503482.0	5410374.8	39465.50000	291.40	0	48.846334	-86.952540	56108.45	56244.2	5.85	56114.30	56109.32031	56113.68744	56105.44922	503482.0	5410374.8
L3480.0	503482.0	5410374.8	39465.60156	294.68	0	48.846334	-86.952540	56110.07	56244.2	5.85	56115.91	56110.99219	56115.16315	56106.96484	503482.0	5410374.8
L3480.0	503482.0	5410376.2	39465.69922	296.16	0	48.846347	-86.952540	56111.87	56244.2	5.85	56117.72	56112.86328	56116.68652	56108.52734	503482.0	5410376.2
L3480.0	503482.1	5410377.6	39465.80078	292.20	0	48.846359	-86.952539	56113.09	56244.2	5.84	56118.93	56114.13281	56118.02204	56109.90625	503482.1	5410377.6

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L3480.0	503482.1	5410379.2	39465.89844	291.77	0	48.846373	-86.952539	56114.45	56244.2	5.84	56120.29	56115.55469	56119.41008	56111.33594	503482.1	5410379.2
L3480.0	503482.1	5410379.2	39466.00000	289.99	0	48.846373	-86.952539	56115.98	56244.2	5.84	56121.82	56117.14453	56120.83872	56112.80469	503482.1	5410379.2
L3480.0	503482.1	5410381.1	39466.10156	291.80	0	48.846391	-86.952539	56117.71	56244.2	5.84	56123.56	56118.94531	56122.29592	56114.30469	503482.1	5410381.1
L3480.0	503482.1	5410382.6	39466.19922	292.26	0	48.846404	-86.952538	56119.20	56244.2	5.85	56125.05	56120.49609	56123.70544	56115.75391	503482.1	5410382.6
L3480.0	503482.1	5410382.6	39466.30078	290.48	0	48.846404	-86.952538	56121.28	56244.1	5.85	56127.14	56122.64844	56125.16729	56117.25781	503482.1	5410382.6
L3480.0	503482.2	5410384.2	39466.39844	288.06	0	48.846419	-86.952538	56122.74	56244.1	5.86	56128.60	56124.16797	56126.55886	56118.69141	503482.2	5410384.2
L3480.0	503482.2	5410385.6	39466.50000	287.17	0	48.846431	-86.952538	56124.11	56244.1	5.86	56129.97	56125.60156	56127.95312	56120.12891	503482.2	5410385.6
L3480.0	503482.2	5410386.7	39466.60156	287.71	0	48.846441	-86.952537	56125.76	56244.1	5.87	56131.63	56127.32031	56129.35755	56121.57813	503482.2	5410386.7
L3480.0	503482.2	5410388.0	39466.69922	287.42	0	48.846453	-86.952537	56127.46	56244.1	5.88	56133.33	56129.08203	56130.75812	56123.01953	503482.2	5410388.0
L3480.0	503482.2	5410388.0	39466.80078	287.42	0	48.846453	-86.952537	56128.87	56244.1	5.88	56134.75	56130.56250	56132.16876	56124.47266	503482.2	5410388.0
L3480.0	503482.2	5410389.7	39466.89844	289.56	0	48.846468	-86.952537	56130.86	56244.1	5.89	56136.75	56132.62500	56133.55889	56125.90625	503482.2	5410389.7
L3480.0	503482.2	5410391.2	39467.00000	291.56	0	48.846482	-86.952537	56132.31	56244.1	5.89	56138.20	56134.13281	56134.98226	56127.37500	503482.2	5410391.2
L3480.0	503482.2	5410391.2	39467.10156	291.11	0	48.846482	-86.952537	56133.54	56244.1	5.89	56139.43	56135.42188	56136.43030	56128.86328	503482.2	5410391.2
L3480.0	503482.2	5410392.8	39467.19922	288.02	0	48.846496	-86.952537	56135.26	56244.1	5.89	56141.15	56137.20313	56137.85542	56130.33203	503482.2	5410392.8
L3480.0	503482.2	5410393.9	39467.30078	289.38	0	48.846506	-86.952537	56136.77	56244.1	5.89	56142.65	56138.76563	56139.30633	56131.82813	503482.2	5410393.9
L3480.0	503482.3	5410395.4	39467.39844	289.30	0	48.846519	-86.952536	56138.27	56244.1	5.89	56144.16	56140.33594	56140.76922	56133.33594	503482.3	5410395.4
L3480.0	503482.3	5410396.7	39467.50000	292.21	0	48.846531	-86.952536	56140.02	56244.1	5.89	56145.91	56142.14453	56142.23547	56134.84375	503482.3	5410396.7
L3480.0	503482.3	5410396.7	39467.60156	291.80	0	48.846531	-86.952536	56141.60	56244.1	5.88	56147.48	56143.77344	56143.72726	56136.37891	503482.3	5410396.7
L3480.0	503482.3	5410398.1	39467.69922	292.31	0	48.846544	-86.952536	56143.04	56244.1	5.88	56148.92	56145.27344	56145.23563	56137.92969	503482.3	5410398.1
L3480.0	503482.3	5410399.7	39467.80078	291.26	0	48.846558	-86.952536	56144.72	56244.1	5.88	56150.60	56147.01172	56146.75755	56139.49609	503482.3	5410399.7
L3480.0	503482.3	5410401.4	39467.89844	292.19	0	48.846573	-86.952536	56146.47	56244.1	5.88	56152.35	56148.82031	56148.30197	56141.08594	503482.3	5410401.4
L3480.0	503482.3	5410401.4	39468.00000	290.49	0	48.846573	-86.952536	56147.58	56244.1	5.88	56153.46	56149.98828	56149.82107	56142.64844	503482.3	5410401.4
L3480.0	503482.3	5410402.9	39468.10156	289.06	0	48.846587	-86.952536	56149.43	56244.1	5.88	56155.31	56151.89844	56151.39888	56144.26953	503482.3	5410402.9
L3480.0	503482.3	5410404.3	39468.19922	290.05	0	48.846600	-86.952536	56150.95	56244.1	5.88	56156.83	56153.47656	56152.95391	56145.86719	503482.3	5410404.3
L3480.0	503482.3	5410404.3	39468.30078	289.62	0	48.846600	-86.952536	56152.17	56244.1	5.88	56158.05	56154.75391	56154.46025	56147.41797	503482.3	5410404.3
L3480.0	503482.3	5410405.7	39468.39844	291.44	0	48.846612	-86.952536	56153.58	56244.1	5.88	56159.46	56156.22266	56155.98325	56148.98438	503482.3	5410405.7
L3480.0	503482.3	5410407.4	39468.50000	290.45	0	48.846627	-86.952536	56155.20	56244.1	5.88	56161.09	56157.91016	56157.54230	56150.58594	503482.3	5410407.4
L3480.0	503482.2	5410409.1	39468.60156	291.14	0	48.846643	-86.952537	56156.69	56244.1	5.89	56162.58	56159.45703	56159.06496	56152.15234	503482.2	5410409.1
L3480.0	503482.2	5410409.1	39468.69922	291.70	0	48.846643	-86.952537	56158.39	56244.1	5.89	56164.28	56161.21094	56160.62688	56153.75391	503482.2	5410409.1
L3480.0	503482.2	5410410.7	39468.80078	293.60	0	48.846657	-86.952537	56159.90	56244.1	5.89	56165.79	56162.77734	56162.12896	56155.30078	503482.2	5410410.7
L3480.0	503482.2	5410412.3	39468.89844	294.75	0	48.846671	-86.952537	56161.72	56244.1	5.89	56167.61	56164.65625	56163.69961	56156.91406	503482.2	5410412.3
L3480.0	503482.2	5410412.3	39469.00000	294.75	0	48.846671	-86.952537	56163.20	56244.1	5.89	56169.08	56166.17969	56165.15325	56158.41016	503482.2	5410412.3
L3480.0	503482.2	5410413.5	39469.10156	294.28	0	48.846682	-86.952537	56164.31	56244.1	5.89	56170.20	56167.35547	56166.48023	56159.77734	503482.2	5410413.5
L3480.0	503482.2	5410415.2	39469.19922	294.04	0	48.846698	-86.952538	56165.77	56244.1	5.89	56171.67	56168.88281	56167.88457	56161.22656	503482.2	5410415.2
L3480.0	503482.2	5410416.8	39469.30078	294.29	0	48.846712	-86.952538	56167.39	56244.1	5.89	56173.28	56170.54688	56169.30628	56162.68750	503482.2	5410416.8
L3480.0	503482.2	5410416.8	39469.39844	296.00	0	48.846712	-86.952538	56169.02	56244.1	5.89	56174.91	56172.23047	56170.70889	56164.13281	503482.2	5410416.8
L3480.0	503482.1	5410418.3	39469.50000	294.45	0	48.846725	-86.952538	56170.63	56244.1	5.89	56176.52	56173.89453	56172.08202	56165.54688	503482.1	5410418.3
L3480.0	503482.1	5410419.7	39469.60156	292.45	0	48.846738	-86.952538	56172.05	56244.1	5.90	56177.94	56175.36719	56173.38240	56166.88672	503482.1	5410419.7
L3480.0	503482.1	5410419.7	39469.69922	292.18	0	48.846738	-86.952538	56173.31	56244.1	5.90	56179.21	56176.69141	56174.62804	56168.17578	503482.1	5410419.7
L3480.0	503482.1	5410421.4	39469.80078	292.64	0	48.846753	-86.952538	56174.75	56244.1	5.90	56180.65	56178.18359	56175.90197	56169.48828	503482.1	5410421.4
L3480.0	503482.1	5410423.1	39469.89844	293.05	0	48.846768	-86.952538	56176.62	56244.1	5.90	56182.52	56180.10547	56177.25476	56170.88281	503482.1	5410423.1
L3480.0	503482.1	5410423.1	39470.00000	292.34	0	48.846768	-86.952538	56177.84	56244.1	5.90	56183.74	56181.37500	56178.44858	56172.11328	503482.1	5410423.1
L3480.0	503482.1	5410424.8	39470.10156	290.27	0	48.846784	-86.952538	56178.98	56244.1	5.90	56184.88	56182.56641	56179.62220	56173.32813	503482.1	5410424.8
L3480.0	503482.1	5410426.6	39470.19922	289.83	0	48.846800	-86.952539	56180.86	56244.1	5.91	56186.77	56184.50781	56180.92284	56174.66797	503482.1	5410426.6
L3480.0	503482.1	5410426.6	39470.30078	288.01	0	48.846800	-86.952539	56181.74	56244.1	5.91	56187.65	56185.43750	56182.04644	56175.82813	503482.1	5410426.6
L3480.0	503482.1	5410428.3	39470.39844	290.49	0	48.846816	-86.952539	56183.46	56244.1	5.91	56189.38	56187.21875	56183.30316	56177.12500	503482.1	5410428.3
L3480.0	503482.1	5410430.0	39470.50000	289.03	0	48.846830	-86.952539	56184.60	56244.1	5.92	56190.51	56188.39844	56184.47487	56178.33203	503482.1	5410430.0
L3480.0	503482.1	5410430.0	39470.60156	289.12	0	48.846830	-86.952539	56186.16	56244.1	5.92	56192.08	56190.01563	56185.70569	56179.60156	503482.1	5410430.0
L3480.0	503482.1	5410431.7	39470.69922	288.40	0	48.846846	-86.952539	56187.32	56244.1	5.92	56193.24	56191.22266	56186.89282	56180.82422	503482.1	5410431.7
L3480.0	503482.1	5410433.3	39470.80078	288.87	0	48.846861	-86.952539	56188.77	56244.1	5.92	56194.69	56192.72266	56188.11749	56182.08594	503482.1	5410433.3
L3480.0	503482.1	5410433.3	39470.89844	290.96	0	48.846861	-86.952539	56189.93	56244.1	5.93	56195.86	56193.93750	56189.32036	56183.32422	503482.1	5410433.3
L3480.0	503482.0	5410434.9	39471.00000	290.86	0	48.846875	-86.952539	56191.14	56244.1	5.93	56197.07	56195.19531	56190.53315	56184.57422	503482.0	5410434.9
L3480.0	503482.0	5410436.4	39471.10156	291.76	0	48.846888	-86.952539	56193.06	56244.1	5.93	56198.99	56197.16016	56191.81396	56185.89063	503482.0	5410436.4
L3480.0	503482.0	5410437.8	39471.19922	291.39	0	48.846901	-86.952539	56194.10	56244.1	5.92	56200.03	56198.24609	56193.01566	56187.12500	503482.0	5410437.8
L3480.0	503482.0	5410439.0	39471.30078	291.95	0	48.846912	-86.952540	56195.45	56244.1	5.92	56201.37	56199.62891	56194.24593	56188.39063	503482.0	5410439.0
L3480.0	503482.0	5410439.0	39471.39844	292.36	0	48.846912	-86.952540	56196.40	56244.1	5.92	56202.32	56200.62500	56195.43892	56189.61719	503482.0	5410439.0
L3480.0	503482.0	5410440.9	39471.50000	291.91	0	48.846929	-86.952540	56197.80	56244.1	5.92	56203.71	56202.05859	56196.66863	56190.87891	503482.0	5410440.9
L3480.0	503482.0	5410440.9	39471.60156	292.65	0	48.846929	-86.952540	56198.75	56244.1	5.91	56204.66	56203.05078	56197.84944	56192.09375	503482.0	5410440.9
L3480.0	503482.0	5410442.3	39471.69922	291.47	0	48.846942	-86.952540	56200.16	56244.1	5.91	56206.07	56204.50391	56199.06504	56193.33984	503482.0	5410442.3
L3480.0	503482.0	5410444.0	39471.80078	289.66	0	48.846957	-86.952540	56201.38	56244.1	5.91	56207.29	56205.76563	56200.25263	56194.55859	503482.0	5410444.0
L3480.0	503481.9	5410445.4	39471.89844	289.65	0	48.846970	-86.952540	56202.78	56244.1	5.90	56208.68	56207.19531	56201.44588	56195.78125	503481.9	5410445.4
L3480.0	503481.9	5410445.4	39472.00000	288.25	0	48.846970	-86.952540	56204.05	56244.1	5.90	56209.95	56208.50391	56202.61445	56196.98047	503481.9	5410445.4
L3480.0	503481.9	5410447.6	39472.10156	289.59	0	48.846989	-86.952541	56205.03	56244.1	5.90	56210.93	56209.52344	56203.74223	56198.13672	503481.9	5410447.6
L3480.0	503481.9	5410447.6	39472.19922	290.52	0	48.846989	-86.952541	56206.55	56244.1	5.91	56212.46	56211.09375	56204.91210	56199.33594	503481.9	5410447.6
L3480.0	503481.9	5410449.0	39472.30078	289.55	0	48.847002	-86.952541	56207.88	56244.1	5.91	56213.80	56212.47266	56206.05362	56200.50391	503481.9	5410449.0
L3480.0	503481.8	5410451.1	39472.39844	291.12	0	48.847021	-86.952542	56208.95	56244.1	5.92	56214.87	56213.57813	56207.16249	56201.64063	503481.8	5410451.1
L3480.0	503481.8	5410451.1	39472.50000	290.00	0	48.847021	-86.952542	56210.08	56244.1	5.92	56216.00	56214.74609	56208.27507	56202.78125	503481.8	5410451.1
L3480.0	503481.8	5410452.7	39472.60156	290.63	0	48.847035	-86.952543	56211.50	56244.1	5.92	56217.43	56216.21094	56209.41796	56203.94922	503481.8	5410452.7
L3480.0	503481.7	5410454.8	39472.69922	290.91	0	48.847054	-86.952543	56212.45	56244.1	5.93	56218.37	56217.18750	56210.52248	56205.07813	503481.7	5410454.8
L3480.0	503481.7	5410456.1	39472.80078	287.63	0	48.847066	-86.952544	56213.86	56244.1	5.93	56219.79	56218.64453	56211.68162	56206.26172	503481.7	5410456.1
L3480.0	503481.7	5410456.1	39472.89844	288.08	0	48.847066	-86.952544	56214.54	56244.1	5.94	56220.47	56219.35547	56212.77915	56207.38281	503481.7	5410456.1
L3480.0	503481.6	5410457.7	39473.00000	289.66	0	48.847080	-86.952544	56216.07	56244.1	5.94	56222.01	56220.92969	56213.98086	56208.60938	503481.6	5410457.7
L3480.0	503481.6	5410459.1	39473.10156	291.57	0	48.847093	-86.952545	56216.76	56244.1	5.94	56222.70	56221.65234	56215.10144	56209.75391	503481.6	5410459.1
L3480.0	503481.6	5410459.1	39473.19922	292.12	0	48.847093	-86.952545	56218.10	56244.1	5.94	56224.04	56223.02344	56216.31502	56210.98828	503481.6	5410459.1
L3480.0	503481.6	5410460.6	39473.30078	290.99	0	48.847106	-86.952545	56218.90	56244.1	5.94	56224.84	56223.85547	56217.46437	56212.15625	503481.6	5410460.6
L3480.0	503481.5	5410462.4	39473.39844	291.25	0	48.847122	-86.952546	56220.26	56244.1	5.94	56226.20	56225.24609	56218.71067	56213.42578	503481.5	5410462.4
L3480.0	503481.5	5410463.7	39473.50000	292.29	0	48.847134	-86.952547	56221.26	56244.1	5.94	56227.20	56226.27734	56219.90756	56214.64063	503481.5	5410463.7
L3480.0	503481.5	5410463.7	39473.60156	291.74	0	48.847134	-86.952547	56222.39	56244.1	5.94	56228.33	56227.43750	56221.13813	56215.89063	503481.5	5410463.7
L3480.0	503481.4	5410465.3	39473.69922	292.14	0	48.847149	-86.952547	56223.54	56244.1	5.94	56229.48	56228.61328	56222.38405	56217.15234	503481.4	5410465.3
L3480.0	503481.4	5410467.1	39473.80078	291.25	0	48.847164	-86.952548	56224.29	56244.1	5.94	56230.23	56229.39063	56223.53714	56218.32422	503481.4	5410467.1
L3480.0	503481.4	5410467.1	39473.89844	292.45	0	48.847164	-86.952548	56225.39	56244.1	5.94	56231.33	56230.51953	56224.77966	56219.58203	503481.4	5410467.1
L3480.0	503481.3	5410468.8	39474.00000	290.92	0	48.847180	-86.952548	56226.58	56244.1	5.94	56232.52	56231.73438	56226.05663	56220.87500	503481.3	5410468.8
L3480.0	503481.3	5410470.8	39474.10156	292.54	0	48.847198	-86.952549	56227.31	56244.1	5.94	56233.25	56232.49219	56227.19155	56222.02734	503481.3	5410470.8
L3480.0	503481.3	5410470.8	39474.19922	291.10	0	48.847198	-86.952549	56228.86	56244.1	5.94	56234.80	56234.06641	56228.60589	56223.45313	503481.3	5410470.8
L3480.0	503481.3	5410472.1	39474.30078	292.77	0	48.847210	-86.952549	56229.39	56244.1	5.94	56235.34	56234.62891	56229.65874	56224.51953	503481.3	5410472.1
L3480.0	503481.3	5410472.1	39474.39844	294.20	0	48.847210	-86.952549	56230.86	56244.1	5.94	56236.80	56236.11328	56231.06257	56225.93750	503481.3	5410472.1
L3480.0	503481.3	5410474.3	39474.50000	293.10	0	48.847229	-86.952549	56231.31	56244.1	5.94	56237.26	56236.59766	56232.04686	56226.93359	503481.3	5410474.3
L3480.0	503481.3	5410475.6	39474.60156	293.51	0	48.847241	-86.952549	56232.66	56244.1	5.95	56238.61	56237.96875	56233.40752	56228.30469	503481.3	5410475.6
L3480.0	503481.3	5410477.0	39474.69922	294.05	0	48.847253	-86.952549	56233.33	56244.1	5.95	56239.28	56238.66016	56234.44347	56229.35156	503481.3	5410477.0
L3480.0	503481.3	5410477.0	39474.80078	292.16	0	48.847253	-86.952549	56234.50	56244.1	5.95	56240.44	56239.83984	56235.70104	56230.61719	503481.3	5410477.0
L3480.0	503481.3	5410479.1	39474.89844	291.45	0	48.847272	-86.952549	56235.39	56244.1	5.95	56241.34	56240.75781	56236.81217	56231.73828	503481.3	5410479.1
L3480.0	503481.3	5410479.1	39475.00000	293.56	0	48.847272	-86.952549	56236.39	56244.1	5.95	56242.34	56241.77734	56237.95777	56232.89063	503481.3	5410479.1
L3480.0	503481.3	5410481.2	39475.10156	294.27	0	48.847292	-86.952549	56237.16	56244.1	5.95	56243.11	56242.56641	56238.95349	56233.89453	503481.3	5410481.2

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L3480.0	503481.3	5410483.1	39475.19922	295.68	0	48.847309	-86.952549	56238.09	56244.1	5.95	56244.04	56243.51563	56240.01385	56234.96094	503481.3	5410483.1
L3480.0	503481.3	5410484.2	39475.30078	294.98	0	48.847318	-86.952549	56238.92	56244.1	5.95	56244.86	56244.35156	56240.98157	56235.93359	503481.3	5410484.2
L3480.0	503481.3	5410484.2	39475.39844	295.32	0	48.847318	-86.952549	56239.68	56244.1	5.95	56245.63	56245.13672	56241.88553	56236.84375	503481.3	5410484.2
L3480.0	503481.3	5410486.1	39475.50000	295.60	0	48.847336	-86.952548	56240.57	56244.1	5.94	56246.51	56246.03516	56242.82082	56237.78125	503481.3	5410486.1
L3480.0	503481.3	5410488.0	39475.60156	297.13	0	48.847352	-86.952548	56241.44	56244.1	5.94	56247.38	56246.91797	56243.71099	56238.67578	503481.3	5410488.0
L3480.0	503481.3	5410488.0	39475.69922	296.95	0	48.847352	-86.952548	56241.98	56244.1	5.94	56247.92	56247.47266	56244.35376	56239.32031	503481.3	5410488.0
L3480.0	503481.3	5410489.4	39475.80078	293.53	0	48.847365	-86.952548	56243.23	56244.1	5.94	56249.17	56248.73828	56245.39010	56240.35938	503481.3	5410489.4
L3480.0	503481.3	5410489.4	39475.89844	295.77	0	48.847365	-86.952548	56244.16	56244.1	5.94	56250.10	56249.67969	56246.17704	56241.14844	503481.3	5410489.4
L3480.0	503481.3	5410491.1	39476.00000	293.31	0	48.847380	-86.952548	56244.68	56244.1	5.94	56250.62	56250.21094	56246.66666	56241.63672	503481.3	5410491.1
L3480.0	503481.4	5410492.8	39476.10156	294.16	0	48.847395	-86.952548	56245.75	56244.1	5.94	56251.69	56251.29297	56247.42686	56242.39844	503481.4	5410492.8
L3480.0	503481.4	5410492.8	39476.19922	292.40	0	48.847395	-86.952548	56246.34	56244.1	5.94	56252.28	56251.89453	56247.85800	56242.82813	503481.4	5410492.8
L3480.0	503481.3	5410494.8	39476.30078	290.66	0	48.847414	-86.952548	56247.04	56244.1	5.93	56252.97	56252.59375	56248.29708	56243.26563	503481.3	5410494.8
L3480.0	503481.3	5410496.3	39476.39844	294.86	0	48.847427	-86.952548	56247.94	56244.1	5.93	56253.87	56253.50391	56248.78935	56243.75391	503481.3	5410496.3
L3480.0	503481.3	5410496.3	39476.50000	294.59	0	48.847427	-86.952548	56248.71	56244.1	5.93	56254.64	56254.28125	56249.16558	56244.12891	503481.3	5410496.3
L3480.0	503481.3	5410497.8	39476.60156	294.78	0	48.847441	-86.952548	56249.54	56244.1	5.93	56255.47	56255.12109	56249.51976	56244.47656	503481.3	5410497.8
L3480.0	503481.3	5410499.5	39476.69922	294.24	0	48.847456	-86.952548	56250.37	56244.1	5.93	56256.29	56255.94922	56249.82366	56244.77734	503481.3	5410499.5
L3480.0	503481.3	5410501.1	39476.80078	291.83	0	48.847470	-86.952548	56250.98	56244.1	5.92	56256.91	56256.57422	56250.03226	56244.98047	503481.3	5410501.1
L3480.0	503481.3	5410501.1	39476.89844	292.43	0	48.847470	-86.952548	56251.72	56244.1	5.92	56257.64	56257.31250	56250.26194	56245.20313	503481.3	5410501.1
L3480.0	503481.3	5410502.5	39477.00000	292.94	0	48.847483	-86.952549	56252.63	56244.1	5.92	56258.54	56258.21875	56250.51697	56245.45313	503481.3	5410502.5
L3480.0	503481.3	5410504.0	39477.10156	292.53	0	48.847496	-86.952549	56253.25	56244.1	5.92	56259.17	56258.85156	56250.72003	56245.64844	503481.3	5410504.0
L3480.0	503481.3	5410505.7	39477.19922	290.26	0	48.847511	-86.952549	56253.87	56244.1	5.93	56259.80	56259.48828	56250.94473	56245.86719	503481.3	5410505.7
L3480.0	503481.3	5410505.7	39477.30078	288.32	0	48.847511	-86.952549	56254.38	56244.1	5.93	56260.31	56260.00000	56251.19528	56246.10938	503481.3	5410505.7
L3480.0	503481.2	5410507.4	39477.39844	289.31	0	48.847527	-86.952549	56255.32	56244.1	5.93	56261.25	56260.94531	56251.49457	56246.39844	503481.2	5410507.4
L3480.0	503481.2	5410509.0	39477.50000	288.43	0	48.847541	-86.952549	56256.09	56244.1	5.93	56262.03	56261.72656	56251.82199	56246.71484	503481.2	5410509.0
L3480.0	503481.2	5410509.0	39477.60156	288.92	0	48.847541	-86.952549	56256.93	56244.1	5.94	56262.87	56262.57031	56252.18905	56247.07031	503481.2	5410509.0
L3480.0	503481.2	5410510.9	39477.69922	288.62	0	48.847559	-86.952550	56257.42	56244.1	5.94	56263.36	56263.05859	56252.63703	56247.50781	503481.2	5410510.9
L3480.0	503481.2	5410512.7	39477.80078	287.32	0	48.847575	-86.952550	56258.20	56244.1	5.94	56264.15	56263.85156	56253.11592	56247.97656	503481.2	5410512.7
L3480.0	503481.2	5410514.1	39477.89844	286.70	0	48.847587	-86.952550	56259.18	56244.1	5.95	56265.13	56264.83203	56253.62583	56248.47266	503481.2	5410514.1
L3480.0	503481.2	5410514.1	39478.00000	285.20	0	48.847587	-86.952550	56259.62	56244.1	5.95	56265.57	56265.27344	56254.26914	56249.10547	503481.2	5410514.1
L3480.0	503481.2	5410515.7	39478.10156	285.16	0	48.847602	-86.952550	56260.02	56244.1	5.95	56265.97	56265.67188	56254.98192	56249.80469	503481.2	5410515.7
L3480.0	503481.2	5410517.4	39478.19922	286.33	0	48.847617	-86.952550	56260.68	56244.1	5.95	56266.63	56266.33203	56255.71915	56250.52734	503481.2	5410517.4
L3480.0	503481.2	5410517.4	39478.30078	286.95	0	48.847617	-86.952550	56261.34	56244.1	5.94	56267.29	56266.98828	56256.51193	56251.30859	503481.2	5410517.4
L3480.0	503481.2	5410517.4	39478.39844	287.35	0	48.847617	-86.952550	56261.89	56244.1	5.94	56267.83	56267.52734	56257.36283	56252.14453	503481.2	5410517.4
L3480.0	503481.2	5410519.6	39478.50000	286.93	0	48.847637	-86.952549	56262.57	56244.1	5.94	56268.51	56268.20313	56258.23826	56253.00391	503481.2	5410519.6
L3480.0	503481.2	5410521.4	39478.60156	290.17	0	48.847653	-86.952549	56262.93	56244.1	5.94	56268.86	56268.55078	56259.15316	56253.90234	503481.2	5410521.4
L3480.0	503481.2	5410523.1	39478.69922	290.09	0	48.847668	-86.952550	56263.79	56244.1	5.94	56269.73	56269.41797	56260.06655	56254.80078	503481.2	5410523.1
L3480.0	503481.2	5410523.1	39478.80078	290.24	0	48.847668	-86.952550	56264.39	56244.1	5.93	56270.32	56270.00391	56260.99032	56255.71094	503481.2	5410523.1
L3480.0	503481.2	5410524.4	39478.89844	291.97	0	48.847680	-86.952550	56265.56	56244.1	5.93	56271.49	56271.16797	56261.94230	56256.64453	503481.2	5410524.4
L3480.0	503481.2	5410525.8	39479.00000	291.97	0	48.847693	-86.952550	56265.79	56244.1	5.93	56271.72	56271.39453	56262.82639	56257.51172	503481.2	5410525.8
L3480.0	503481.2	5410527.3	39479.10156	292.82	0	48.847706	-86.952550	56266.38	56244.1	5.93	56272.31	56271.98047	56263.71304	56258.38281	503481.2	5410527.3
L3480.0	503481.2	5410527.3	39479.19922	295.28	0	48.847706	-86.952550	56266.78	56244.1	5.93	56272.71	56272.37500	56264.54471	56259.19531	503481.2	5410527.3
L3480.0	503481.2	5410529.0	39479.30078	292.55	0	48.847721	-86.952550	56267.14	56244.1	5.94	56273.08	56272.73828	56265.33094	56259.96484	503481.2	5410529.0
L3480.0	503481.1	5410530.4	39479.39844	294.53	0	48.847734	-86.952551	56268.08	56244.1	5.94	56274.02	56273.67188	56266.18631	56260.80078	503481.1	5410530.4
L3480.0	503481.1	5410531.6	39479.50000	294.53	0	48.847745	-86.952551	56268.62	56244.1	5.94	56274.56	56274.20313	56266.93450	56261.53125	503481.1	5410531.6
L3480.0	503481.1	5410533.1	39479.60156	294.10	0	48.847758	-86.952551	56269.39	56244.1	5.94	56275.34	56274.97656	56267.70250	56262.28125	503481.1	5410533.1
L3480.0	503481.1	5410534.8	39479.69922	293.91	0	48.847774	-86.952551	56269.71	56244.1	5.94	56275.66	56275.28906	56268.33051	56262.89063	503481.1	5410534.8
L3480.0	503481.1	5410534.8	39479.80078	291.92	0	48.847774	-86.952551	56270.23	56244.1	5.95	56276.18	56275.80078	56268.98218	56263.52344	503481.1	5410534.8
L3480.0	503481.1	5410536.9	39479.89844	292.07	0	48.847792	-86.952552	56271.04	56244.1	5.95	56276.99	56276.60156	56269.70026	56264.21875	503481.1	5410536.9
L3480.0	503481.1	5410536.9	39480.00000	288.60	0	48.847792	-86.952552	56271.53	56244.1	5.95	56277.48	56277.08203	56270.33913	56264.83984	503481.1	5410536.9
L3480.0	503481.0	5410538.1	39480.10156	289.75	0	48.847803	-86.952552	56271.84	56244.1	5.94	56277.78	56277.37500	56270.93314	56265.41406	503481.0	5410538.1
L3480.0	503481.0	5410540.3	39480.19922	289.03	0	48.847823	-86.952552	56272.31	56244.1	5.94	56278.24	56277.82422	56271.58516	56266.04688	503481.0	5410540.3
L3480.0	503481.0	5410541.6	39480.30078	290.15	0	48.847835	-86.952552	56272.88	56244.1	5.93	56278.81	56278.38281	56272.29120	56266.73047	503481.0	5410541.6
L3480.0	503481.0	5410541.6	39480.39844	292.03	0	48.847835	-86.952552	56273.52	56244.1	5.93	56279.45	56279.01563	56273.05345	56267.47266	503481.0	5410541.6
L3480.0	503481.0	5410543.3	39480.50000	291.06	0	48.847850	-86.952552	56273.75	56244.1	5.92	56279.68	56279.23438	56273.70506	56268.10547	503481.0	5410543.3
L3480.0	503481.0	5410543.3	39480.60156	291.94	0	48.847850	-86.952552	56274.16	56244.1	5.92	56280.08	56279.62500	56274.44829	56268.82813	503481.0	5410543.3
L3480.0	503481.0	5410545.4	39480.69922	291.05	0	48.847869	-86.952552	56274.72	56244.1	5.92	56280.63	56280.16406	56275.29030	56269.64844	503481.0	5410545.4
L3480.0	503481.0	5410547.2	39480.80078	290.46	0	48.847885	-86.952552	56275.51	56244.1	5.91	56281.42	56280.94141	56276.28990	56270.62891	503481.0	5410547.2
L3480.0	503481.0	5410548.4	39480.89844	291.73	0	48.847896	-86.952552	56276.16	56244.1	5.90	56282.06	56281.57031	56277.27826	56271.59766	503481.0	5410548.4
L3480.0	503481.0	5410548.4	39481.00000	291.39	0	48.847896	-86.952552	56276.27	56244.1	5.90	56282.17	56281.66797	56278.02823	56272.32813	503481.0	5410548.4
L3480.0	503481.0	5410550.2	39481.10156	294.81	0	48.847912	-86.952552	56276.79	56244.1	5.90	56282.69	56282.17578	56279.03135	56273.30859	503481.0	5410550.2
L3480.0	503481.0	5410551.7	39481.19922	296.05	0	48.847925	-86.952552	56277.63	56244.1	5.90	56283.53	56283.00391	56280.28951	56274.54688	503481.0	5410551.7
L3480.0	503481.0	5410551.7	39481.30078	294.18	0	48.847925	-86.952552	56277.74	56244.1	5.91	56283.64	56283.10156	56281.08860	56275.32813	503481.0	5410551.7
L3480.0	503481.0	5410553.6	39481.39844	293.69	0	48.847942	-86.952552	56277.96	56244.1	5.91	56283.87	56283.32031	56282.06008	56276.27734	503481.0	5410553.6
L3480.0	503481.0	5410554.7	39481.50000	293.04	0	48.847952	-86.952552	56278.44	56244.1	5.91	56284.35	56283.78516	56283.05138	56277.25000	503481.0	5410554.7
L3480.0	503481.0	5410556.1	39481.60156	306.34	0	48.847966	-86.952552	56279.06	56244.1	5.91	56284.97	56284.39063	56284.16251	56278.33984	503481.0	5410556.1
L3480.0	503481.0	5410556.1	39481.69922	294.56	0	48.847966	-86.952552	56279.34	56244.1	5.91	56285.25	56284.66016	56285.10970	56279.26953	503481.0	5410556.1
L3480.0	503481.0	5410558.0	39481.80078	295.81	0	48.847982	-86.952552	56279.72	56244.1	5.92	56285.64	56285.03516	56286.10266	56280.24219	503481.0	5410558.0
L3480.0	503481.0	5410559.1	39481.89844	293.82	0	48.847992	-86.952552	56280.20	56244.1	5.92	56286.12	56285.50391	56286.88548	56281.00391	503481.0	5410559.1
L3480.0	503481.0	5410560.6	39482.00000	294.20	0	48.848005	-86.952552	56280.72	56244.1	5.92	56286.64	56286.00781	56288.55912	56282.66016	503481.0	5410560.6
L3480.0	503481.0	5410562.3	39482.10156	293.80	0	48.848021	-86.952552	56281.10	56244.1	5.92	56287.02	56286.37500	56288.92520	56283.00391	503481.0	5410562.3
L3480.0	503481.0	5410562.3	39482.19922	305.87	0	48.848021	-86.952552	56281.46	56244.1	5.92	56287.38	56286.71875	56289.06287	56283.12500	503481.0	5410562.3
L3480.0	503481.0	5410563.7	39482.30078	292.19	0	48.848033	-86.952552	56281.94	56244.1	5.91	56287.85	56287.17578	56290.24284	56284.28516	503481.0	5410563.7
L3480.0	503481.0	5410563.7	39482.39844	292.31	0	48.848033	-86.952552	56282.30	56244.1	5.91	56288.21	56287.51953	56290.47654	56284.50000	503481.0	5410563.7
L3480.0	503481.0	5410565.4	39482.50000	306.94	0	48.848049	-86.952552	56282.94	56244.1	5.91	56288.85	56288.14844	56292.88751	56286.89453	503481.0	5410565.4
L3480.0	503481.0	5410567.2	39482.60156	308.46	0	48.848065	-86.952552	56283.68	56244.1	5.91	56289.58	56288.86328	56296.15839	56290.14844	503481.0	5410567.2
L3480.0	503481.0	5410569.1	39482.69922	294.89	0	48.848082	-86.952552	56283.93	56244.1	5.91	56289.84	56289.10547	56295.50996	56289.48047	503481.0	5410569.1
L3480.0	503481.0	5410569.1	39482.80078	294.54	0	48.848082	-86.952552	56283.94	56244.1	5.90	56289.84	56289.09375	56292.57910	56286.53125	503481.0	5410569.1
L3480.0	503481.0	5410570.3	39482.89844	309.62	0	48.848093	-86.952552	56284.32	56244.1	5.90	56290.22	56289.45703	56292.85556	56286.79297	503481.0	5410570.3
L3480.0	503481.0	5410572.1	39483.00000	308.29	0	48.848109	-86.952552	56284.86	56244.1	5.90	56290.76	56289.98047	56294.44105	56288.35938	503481.0	5410572.1
L3480.0	503481.0	5410573.7	39483.10156	293.99	0	48.848124	-86.952552	56284.96	56244.1	5.90	56290.85	56290.05859	56292.38482	56286.28906	503481.0	5410573.7
L3480.0	503481.0	5410575.3	39483.19922	295.32	0	48.848138	-86.952553	56285.46	56244.1	5.89	56291.36	56290.55078	56293.68062	56287.57031	503481.0	5410575.3
L3480.0	503481.0	5410575.3	39483.30078	295.55	0	48.848138	-86.952553	56285.74	56244.1	5.89	56291.63	56290.80469	56293.17049	56287.04297	503481.0	5410575.3
L3480.0	503481.0	5410576.8	39483.39844	293.77	0	48.848151	-86.952553	56286.16	56244.1	5.89	56292.04	56291.19922	56295.44469	56289.30078	503481.0	5410576.8
L3480.0	503481.0	5410576.8	39483.50000	292.56	0	48.848151	-86.952553	56286.54	56244.1	5.89	56292.42	56291.56641	56293.06710	56286.91016	503481.0	5410576.8
L3480.0	503481.0	5410578.3	39483.60156	310.07	0	48.848165	-86.952553	56287.07	56244.1	5.88	56292.95	56292.08203	56295.91037	56289.73828	503481.0	5410578.3
L3480.0	503481.0	5410579.9	39483.69922	311.91	0	48.848179	-86.952553	56287.41	56244.1	5.88	56293.29	56292.40625	56293.90476	56287.71875	503481.0	5410579.9
L3480.0	503481.0	5410581.2	39483.80078	313.08	0	48.848191	-86.952553	56287.92	56244.1	5.88	56293.79	56292.89063	56295.28790	56289.08984	503481.0	5410581.2
L3480.0	503481.0	5410581.2	39483.89844	312.73	0	48.848191	-86.952553	56288.30	56244.1	5.87	56294.17	56293.25391	56295.13563	56288.92188	503481.0	5410581.2
L3480.0	503480.9	5410583.2	39484.00000	292.79	0	48.848209	-86.952553	56288.50	56244.1	5.87	56294.37	56293.43750	56294.61962	56288.39453	503480.9	5410583.2
L3480.0	503480.9	5410585.4	39484.10156	294.20	0	48.848228	-86.952553	56288.90	56244.1	5.87	56294.77	56293.82031	56294.77000	56288.53125	503480.9	5410585.4
L3480.0	503480.9	5410586.9	39484.19922	293.78	0	48.848243	-86.952553	56289.15	56244.1	5.87	56295.01	56294.04688	56294.67942	56288.42969	503480.9	5410586.9
L3480.0	503480.9	5410586.9	39484.30078	294.45	0	48.848243	-86.952553	56289.21	56244.1	5.86	56295.08	56294.10156	56294.49141	56288.23047	503480.9	5410586.9
L3480.0	503480.9	5410588.1	39484.39844	294.02	0	48.848253	-86.952553	56289.52	56244.1	5.86	56295.38	56294.38281	56294.49711	56288.22656	503480.9	5410588.1

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L3480.0	503480.9	5410590.0	39484.50000	295.14	0	48.848270	-86.952553	56289.88	56244.1	5.86	56295.74	56294.73047	56294.58748	56288.30469	503480.9	5410590.0
L3480.0	503480.9	5410590.0	39484.60156	296.18	0	48.848270	-86.952553	56290.62	56244.1	5.86	56296.47	56295.44141	56294.64335	56288.35156	503480.9	5410590.0
L3480.0	503480.9	5410592.1	39484.69922	298.13	0	48.848289	-86.952553	56290.90	56244.1	5.86	56296.76	56295.71875	56294.69031	56288.39063	503480.9	5410592.1
L3480.0	503480.9	5410593.7	39484.80078	297.80	0	48.848303	-86.952554	56290.95	56244.1	5.85	56296.81	56295.75000	56294.83936	56288.53125	503480.9	5410593.7
L3480.0	503480.9	5410593.7	39484.89844	295.74	0	48.848303	-86.952554	56291.23	56244.1	5.85	56297.09	56296.01563	56294.95952	56288.64063	503480.9	5410593.7
L3480.0	503480.9	5410595.2	39485.00000	294.50	0	48.848316	-86.952554	56291.82	56244.2	5.85	56297.67	56296.58203	56295.17009	56288.84375	503480.9	5410595.2
L3480.0	503480.8	5410596.7	39485.10156	295.22	0	48.848330	-86.952554	56292.02	56244.2	5.85	56297.87	56296.76563	56295.23486	56288.90234	503480.8	5410596.7
L3480.0	503480.8	5410596.7	39485.19922	293.59	0	48.848330	-86.952554	56292.20	56244.2	5.85	56298.04	56296.91797	56295.30987	56288.97266	503480.8	5410596.7
L3480.0	503480.8	5410599.8	39485.30078	291.94	0	48.848359	-86.952554	56292.64	56244.2	5.84	56298.49	56297.35547	56295.60276	56289.25781	503480.8	5410599.8
L3480.0	503480.8	5410599.8	39485.39844	295.66	0	48.848359	-86.952554	56292.91	56244.2	5.84	56298.76	56297.60938	56295.80153	56289.45313	503480.8	5410599.8
L3480.0	503480.8	5410602.1	39485.50000	294.42	0	48.848379	-86.952555	56293.10	56244.2	5.84	56298.94	56297.77344	56295.97048	56289.61328	503480.8	5410602.1
L3480.0	503480.8	5410602.1	39485.60156	294.69	0	48.848379	-86.952555	56293.22	56244.2	5.84	56299.06	56297.87891	56296.13033	56289.76953	503480.8	5410602.1
L3480.0	503480.8	5410603.1	39485.69922	293.46	0	48.848388	-86.952555	56293.78	56244.2	5.84	56299.62	56298.42188	56296.60863	56290.24609	503480.8	5410603.1
L3480.0	503480.8	5410605.1	39485.80078	294.46	0	48.848406	-86.952555	56294.29	56244.2	5.83	56300.13	56298.91797	56297.08430	56290.71875	503480.8	5410605.1
L3480.0	503480.8	5410606.1	39485.89844	294.00	0	48.848415	-86.952555	56294.34	56244.2	5.83	56300.18	56298.94922	56297.27793	56290.90625	503480.8	5410606.1
L3480.0	503480.8	5410606.1	39486.00000	294.25	0	48.848415	-86.952555	56294.47	56244.2	5.83	56300.30	56299.05469	56297.52583	56291.15234	503480.8	5410606.1
L3480.0	503480.8	5410608.2	39486.10156	294.13	0	48.848434	-86.952555	56294.96	56244.2	5.83	56300.79	56299.53125	56298.02521	56291.65234	503480.8	5410608.2
L3480.0	503480.7	5410609.8	39486.19922	293.35	0	48.848448	-86.952555	56295.29	56244.2	5.83	56301.11	56299.83594	56298.40736	56292.03125	503480.7	5410609.8
L3480.0	503480.7	5410609.8	39486.30078	292.64	0	48.848448	-86.952555	56295.09	56244.2	5.82	56300.91	56299.62109	56298.41845	56292.04297	503480.7	5410609.8
L3480.0	503480.7	5410611.2	39486.39844	294.64	0	48.848461	-86.952555	56295.54	56244.2	5.82	56301.36	56300.05469	56298.86795	56292.49219	503480.7	5410611.2
L3480.0	503480.7	5410613.6	39486.50000	296.74	0	48.848482	-86.952556	56295.16	56244.2	5.82	56300.98	56299.66016	56298.71660	56292.33984	503480.7	5410613.6
L3480.0	503480.7	5410613.6	39486.60156	299.99	0	48.848482	-86.952556	56295.83	56244.2	5.82	56301.65	56300.31641	56299.28942	56292.91406	503480.7	5410613.6
L3480.0	503480.7	5410615.5	39486.69922	297.85	0	48.848500	-86.952556	56296.34	56244.2	5.82	56302.16	56300.81250	56299.73072	56293.35547	503480.7	5410615.5
L3480.0	503480.7	5410617.1	39486.80078	297.10	0	48.848513	-86.952556	56296.61	56244.2	5.81	56302.43	56301.06641	56299.98175	56293.60938	503480.7	5410617.1
L3480.0	503480.7	5410617.1	39486.89844	297.83	0	48.848513	-86.952556	56296.92	56244.2	5.81	56302.73	56301.35156	56300.23382	56293.86328	503480.7	5410617.1
L3480.0	503480.6	5410618.5	39487.00000	297.00	0	48.848527	-86.952557	56296.72	56244.2	5.81	56302.53	56301.13672	56300.11619	56293.75000	503480.6	5410618.5
L3480.0	503480.6	5410619.9	39487.10156	297.71	0	48.848539	-86.952557	56297.00	56244.2	5.81	56302.81	56301.40234	56300.31685	56293.95313	503480.6	5410619.9
L3480.0	503480.6	5410619.9	39487.19922	296.50	0	48.848539	-86.952557	56297.36	56244.2	5.80	56303.16	56301.73828	56300.54542	56294.18750	503480.6	5410619.9
L3480.0	503480.6	5410622.0	39487.30078	296.25	0	48.848558	-86.952557	56297.31	56244.2	5.80	56303.10	56301.66406	56300.48170	56294.12891	503480.6	5410622.0
L3480.0	503480.6	5410623.7	39487.39844	295.19	0	48.848574	-86.952557	56297.54	56244.2	5.79	56303.33	56301.87891	56300.60050	56294.25000	503480.6	5410623.7
L3480.0	503480.6	5410623.7	39487.50000	295.03	0	48.848574	-86.952557	56298.07	56244.2	5.79	56303.86	56302.39453	56300.89763	56294.55469	503480.6	5410623.7
L3480.0	503480.5	5410626.7	39487.60156	294.14	0	48.848600	-86.952558	56298.69	56244.2	5.79	56304.47	56302.99219	56301.22572	56294.88672	503480.5	5410626.7
L3480.0	503480.5	5410626.7	39487.69922	291.14	0	48.848600	-86.952558	56298.76	56244.2	5.78	56304.54	56303.04688	56301.21569	56294.88281	503480.5	5410626.7
L3480.0	503480.5	5410628.6	39487.80078	293.54	0	48.848617	-86.952558	56298.96	56244.2	5.78	56304.74	56303.23438	56301.28784	56294.96484	503480.5	5410628.6
L3480.0	503480.5	5410628.6	39487.89844	291.45	0	48.848617	-86.952558	56298.99	56244.2	5.77	56304.77	56303.25000	56301.27132	56294.95313	503480.5	5410628.6
L3480.0	503480.5	5410630.1	39488.00000	292.02	0	48.848631	-86.952558	56299.32	56244.2	5.77	56305.09	56303.55859	56301.42901	56295.12109	503480.5	5410630.1
L3480.0	503480.5	5410631.9	39488.10156	291.10	0	48.848647	-86.952558	56299.73	56244.2	5.77	56305.50	56303.95313	56301.64501	56295.34375	503480.5	5410631.9
L3480.0	503480.5	5410633.4	39488.19922	292.69	0	48.848661	-86.952558	56299.48	56244.2	5.77	56305.25	56303.69141	56301.53305	56295.24219	503480.5	5410633.4
L3480.0	503480.5	5410633.4	39488.30078	296.31	0	48.848661	-86.952558	56299.81	56244.2	5.77	56305.58	56304.00781	56301.74417	56295.46094	503480.5	5410633.4
L3480.0	503480.5	5410635.0	39488.39844	295.89	0	48.848675	-86.952558	56300.19	56244.2	5.77	56305.96	56304.37500	56301.99404	56295.72266	503480.5	5410635.0
L3480.0	503480.5	5410636.6	39488.50000	296.22	0	48.848689	-86.952558	56299.93	56244.2	5.77	56305.70	56304.10156	56301.93601	56295.67188	503480.5	5410636.6
L3480.0	503480.5	5410636.6	39488.60156	295.82	0	48.848689	-86.952558	56300.46	56244.2	5.77	56306.23	56304.61719	56302.28107	56296.02734	503480.5	5410636.6
L3480.0	503480.5	5410638.8	39488.69922	293.72	0	48.848709	-86.952558	56300.44	56244.2	5.77	56306.21	56304.58594	56302.36056	56296.12109	503480.5	5410638.8
L3480.0	503480.5	5410640.1	39488.80078	291.65	0	48.848720	-86.952558	56300.65	56244.2	5.77	56306.42	56304.78125	56302.55629	56296.32813	503480.5	5410640.1
L3480.0	503480.5	5410640.1	39488.89844	290.29	0	48.848720	-86.952558	56301.16	56244.2	5.77	56306.93	56305.28125	56302.89474	56296.67578	503480.5	5410640.1
L3480.0	503480.5	5410641.3	39489.00000	290.29	0	48.848732	-86.952558	56301.16	56244.2	5.77	56306.93	56305.26953	56302.97719	56296.77344	503480.5	5410641.3
L3480.0	503480.5	5410642.5	39489.10156	292.54	0	48.848743	-86.952558	56301.77	56244.2	5.77	56307.54	56305.86719	56303.33924	56297.14453	503480.5	5410642.5
L3480.0	503480.5	5410643.8	39489.19922	292.76	0	48.848754	-86.952558	56301.79	56244.2	5.77	56307.56	56305.87500	56303.40344	56297.22266	503480.5	5410643.8
L3480.0	503480.5	5410645.6	39489.30078	294.88	0	48.848770	-86.952558	56301.85	56244.2	5.76	56307.62	56305.92188	56303.47041	56297.30469	503480.5	5410645.6
L3480.0	503480.5	5410647.1	39489.39844	295.41	0	48.848783	-86.952558	56302.00	56244.2	5.76	56307.76	56306.05078	56303.55648	56297.40234	503480.5	5410647.1
L3480.0	503480.5	5410647.1	39489.50000	296.05	0	48.848783	-86.952558	56302.03	56244.2	5.76	56307.79	56306.06641	56303.57818	56297.43750	503480.5	5410647.1
L3480.0	503480.5	5410648.6	39489.60156	297.54	0	48.848797	-86.952558	56302.18	56244.2	5.76	56307.94	56306.20703	56303.64002	56297.51563	503480.5	5410648.6
L3480.0	503480.5	5410648.6	39489.69922	294.29	0	48.848797	-86.952558	56302.16	56244.2	5.76	56307.92	56306.17578	56303.62371	56297.51563	503480.5	5410648.6
L3480.0	503480.5	5410650.3	39489.80078	295.73	0	48.848813	-86.952558	56302.40	56244.2	5.75	56308.16	56306.40234	56303.70760	56297.61328	503480.5	5410650.3
L3480.0	503480.5	5410652.0	39489.89844	293.26	0	48.848828	-86.952558	56302.92	56244.2	5.75	56308.67	56306.90234	56303.88520	56297.80469	503480.5	5410652.0
L3480.0	503480.5	5410653.4	39490.00000	292.76	0	48.848841	-86.952558	56302.67	56244.3	5.75	56308.42	56306.64063	56303.78816	56297.72266	503480.5	5410653.4
L3480.0	503480.5	5410654.9	39490.10156	291.89	0	48.848854	-86.952558	56302.89	56244.3	5.75	56308.64	56306.85156	56303.86710	56297.82031	503480.5	5410654.9
L3480.0	503480.5	5410654.9	39490.19922	290.96	0	48.848854	-86.952558	56303.15	56244.3	5.75	56308.90	56307.09766	56303.96728	56297.93750	503480.5	5410654.9
L3480.0	503480.5	5410656.7	39490.30078	289.96	0	48.848870	-86.952558	56303.53	56244.3	5.75	56309.28	56307.46875	56304.11527	56298.10156	503480.5	5410656.7
L3480.0	503480.6	5410658.5	39490.39844	287.67	0	48.848887	-86.952557	56303.39	56244.3	5.75	56309.13	56307.30859	56304.12426	56298.12500	503480.6	5410658.5
L3480.0	503480.6	5410658.5	39490.50000	290.10	0	48.848887	-86.952557	56303.84	56244.3	5.75	56309.58	56307.74609	56304.32760	56298.34766	503480.6	5410658.5
L3480.0	503480.6	5410660.8	39490.60156	290.44	0	48.848907	-86.952557	56303.81	56244.3	5.74	56309.56	56307.71875	56304.42128	56298.45703	503480.6	5410660.8
L3480.0	503480.6	5410662.4	39490.69922	290.42	0	48.848921	-86.952557	56304.36	56244.3	5.74	56310.10	56308.24609	56304.69295	56298.74609	503480.6	5410662.4
L3480.0	503480.6	5410662.4	39490.80078	290.83	0	48.848921	-86.952557	56304.42	56244.3	5.74	56310.16	56308.29688	56304.86025	56298.92969	503480.6	5410662.4
L3480.0	503480.6	5410664.1	39490.89844	290.12	0	48.848937	-86.952556	56304.61	56244.3	5.74	56310.35	56308.47656	56305.09024	56299.17969	503480.6	5410664.1
L3480.0	503480.7	5410665.3	39491.00000	289.48	0	48.848948	-86.952556	56304.81	56244.3	5.74	56310.54	56308.65625	56305.34706	56299.45313	503480.7	5410665.3
L3480.0	503480.7	5410667.0	39491.10156	289.25	0	48.848963	-86.952555	56304.36	56244.3	5.74	56310.10	56308.20703	56305.43856	56299.56250	503480.7	5410667.0
L3480.0	503480.7	5410667.0	39491.19922	291.16	0	48.848963	-86.952555	56305.09	56244.3	5.74	56310.83	56308.92969	56305.90953	56300.05469	503480.7	5410667.0
L3480.0	503480.8	5410668.5	39491.30078	289.54	0	48.848977	-86.952555	56305.01	56244.3	5.74	56310.75	56308.83984	56306.14503	56300.30859	503480.8	5410668.5
L3480.0	503480.8	5410670.2	39491.39844	292.04	0	48.848992	-86.952554	56305.09	56244.3	5.74	56310.83	56308.91016	56306.44064	56300.62109	503480.8	5410670.2
L3480.0	503480.8	5410670.2	39491.50000	292.97	0	48.848992	-86.952554	56305.20	56244.3	5.74	56310.94	56309.01172	56306.74972	56300.94922	503480.8	5410670.2
L3480.0	503480.8	5410672.3	39491.60156	294.00	0	48.849010	-86.952553	56305.52	56244.3	5.75	56311.27	56309.33203	56307.14679	56301.36719	503480.8	5410672.3
L3480.0	503480.9	5410674.0	39491.69922	294.99	0	48.849026	-86.952553	56305.70	56244.3	5.75	56311.45	56309.50391	56307.48005	56301.71875	503480.9	5410674.0
L3480.0	503480.9	5410674.0	39491.80078	296.77	0	48.849026	-86.952553	56306.01	56244.3	5.75	56311.76	56309.80469	56307.86055	56302.12109	503480.9	5410674.0
L3480.0	503480.9	5410675.6	39491.89844	294.86	0	48.849040	-86.952552	56305.98	56244.3	5.75	56311.73	56309.76563	56308.06698	56302.34766	503480.9	5410675.6
L3480.0	503480.9	5410677.0	39492.00000	295.26	0	48.849053	-86.952552	56305.78	56244.3	5.75	56311.53	56309.55859	56308.16145	56302.46094	503480.9	5410677.0
L3480.0	503480.9	5410678.2	39492.10156	294.41	0	48.849064	-86.952552	56306.29	56244.3	5.75	56312.04	56310.05859	56308.57874	56302.89844	503480.9	5410678.2
L3480.0	503480.9	5410678.2	39492.19922	295.99	0	48.849064	-86.952552	56305.50	56244.3	5.75	56311.25	56309.26172	56308.31403	56302.65234	503480.9	5410678.2
L3480.0	503481.0	5410679.5	39492.30078	295.38	0	48.849075	-86.952552	56306.24	56244.3	5.75	56311.99	56309.99219	56308.80219	56303.16406	503481.0	5410679.5
L3480.0	503481.0	5410681.9	39492.39844	294.96	0	48.849096	-86.952551	56305.78	56244.3	5.75	56311.53	56309.52734	56308.64912	56303.03125	503481.0	5410681.9
L3480.0	503481.0	5410681.9	39492.50000	293.83	0	48.849096	-86.952551	56306.85	56244.3	5.75	56312.60	56310.58984	56309.26034	56303.66016	503481.0	5410681.9
L3480.0	503481.0	5410683.6	39492.60156	294.63	0	48.849112	-86.952551	56306.78	56244.3	5.75	56312.53	56310.51172	56309.26450	56303.68750	503481.0	5410683.6
L3480.0	503481.0	5410685.1	39492.69922	294.18	0	48.849126	-86.952551	56306.82	56244.3	5.75	56312.57	56310.54297	56309.30870	56303.75000	503481.0	5410685.1
L3480.0	503481.0	5410687.4	39492.80078	294.36	0	48.849146	-86.952551	56307.34	56244.3	5.75	56313.09	56311.05859	56309.57359	56304.03516	503481.0	5410687.4
L3480.0	503481.0	5410687.4	39492.89844	292.47	0	48.849146	-86.952551	56307.31	56244.3	5.75	56313.06	56311.01953	56309.55687	56304.04297	503481.0	5410687.4
L3480.0	503481.0	5410689.2	39493.00000	292.32	0	48.849162	-86.952551	56307.82	56244.3	5.75	56313.57	56311.52344	56309.78402	56304.28906	503481.0	5410689.2
L3480.0	503481.0	5410689.2	39493.10156	292.25	0	48.849162	-86.952551	56308.11	56244.2	5.75	56313.86	56311.80859	56309.89870	56304.42578	503481.0	5410689.2
L3480.0	503481.1	5410690.8	39493.19922	292.27	0	48.849177	-86.952550	56307.79	56244.2	5.76	56313.54	56311.48047	56309.74718	56304.29297	503481.1	5410690.8
L3480.0	503481.1	5410692.2	39493.30078	292.64	0	48.849190	-86.952550	56307.41	56244.2	5.76	56313.17	56311.10547	56309.59182	56304.16016	503481.1	5410692.2
L3480.0	503481.1	5410693.7	39493.39844	294.07	0	48.849203	-86.952550	56308.08	56244.2	5.76	56313.84	56311.76953	56309.87749	56304.46875	503481.1	5410693.7
L3480.0	503481.1	5410693.7	39493.50000	294.35	0	48.849203	-86.952550	56307.76	56244.2	5.76	56313.53	56311.45313	56309.77585	56304.38672	503481.1	5410693.7
L3480.0	503481.1	5410695.5	39493.60156	293.80	0	48.849219	-86.952550	56308.31	56244.2	5.77	56314.08	56311.99609	56310.02609	56304.66016	503481.1	5410695.5
L3480.0	503481.1	5410696.7	39493.69922	294.35	0	48.849230	-86.952550	56308.28	56244.2	5.77	56314.05	56311.96094	56310.06467	56304.71875	503481.1	5410696.7

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L3480.0	503481.1	5410698.3	39493.80078	290.94	0	48.849244	-86.952550	56308.18	56244.2	5.77	56313.95	56311.85547	56310.09350	56304.76953	503481.1	5410698.3
L3480.0	503481.1	5410698.3	39493.89844	291.25	0	48.849244	-86.952550	56308.54	56244.2	5.78	56314.31	56312.21094	56310.31126	56305.00781	503481.1	5410698.3
L3480.0	503481.1	5410699.7	39494.00000	291.78	0	48.849257	-86.952549	56308.59	56244.2	5.78	56314.37	56312.26563	56310.43185	56305.15234	503481.1	5410699.7
L3480.0	503481.1	5410701.3	39494.10156	292.14	0	48.849271	-86.952549	56308.74	56244.2	5.78	56314.52	56312.41016	56310.60188	56305.34375	503481.1	5410701.3
L3480.0	503481.1	5410702.8	39494.19922	291.11	0	48.849285	-86.952549	56308.41	56244.2	5.78	56314.19	56312.07813	56310.60138	56305.36328	503481.1	5410702.8
L3480.0	503481.1	5410702.8	39494.30078	290.91	0	48.849285	-86.952549	56309.09	56244.2	5.79	56314.88	56312.76172	56311.01131	56305.79688	503481.1	5410702.8
L3480.0	503481.2	5410704.7	39494.39844	294.69	0	48.849302	-86.952549	56309.07	56244.2	5.79	56314.86	56312.73828	56311.15738	56305.96484	503481.2	5410704.7
L3480.0	503481.2	5410706.5	39494.50000	295.45	0	48.849318	-86.952549	56309.25	56244.2	5.79	56315.04	56312.91406	56311.39647	56306.22656	503481.2	5410706.5
L3480.0	503481.2	5410708.0	39494.60156	293.34	0	48.849332	-86.952548	56309.22	56244.2	5.79	56315.01	56312.87891	56311.55641	56306.40625	503481.2	5410708.0
L3480.0	503481.2	5410708.0	39494.69922	294.49	0	48.849332	-86.952548	56309.43	56244.2	5.79	56315.23	56313.09766	56311.83086	56306.70313	503481.2	5410708.0
L3480.0	503481.2	5410709.7	39494.80078	294.17	0	48.849347	-86.952548	56309.43	56244.2	5.80	56315.22	56313.08203	56312.00292	56306.89844	503481.2	5410709.7
L3480.0	503481.2	5410711.5	39494.89844	293.51	0	48.849363	-86.952548	56309.32	56244.2	5.80	56315.12	56312.98047	56312.12524	56307.04297	503481.2	5410711.5
L3480.0	503481.2	5410711.5	39495.00000	291.25	0	48.849363	-86.952548	56309.61	56244.2	5.80	56315.41	56313.26563	56312.43139	56307.37109	503481.2	5410711.5
L3480.0	503481.2	5410713.5	39495.10156	290.62	0	48.849381	-86.952548	56309.56	56244.2	5.80	56315.36	56313.21484	56312.55877	56307.52344	503481.2	5410713.5
L3480.0	503481.2	5410715.1	39495.19922	292.01	0	48.849395	-86.952548	56309.86	56244.2	5.81	56315.67	56313.52344	56312.86130	56307.84766	503481.2	5410715.1
L3480.0	503481.2	5410715.1	39495.30078	291.49	0	48.849395	-86.952548	56309.61	56244.2	5.81	56315.42	56313.26953	56312.85016	56307.85938	503481.2	5410715.1
L3480.0	503481.2	5410717.1	39495.39844	294.89	0	48.849413	-86.952548	56310.20	56244.2	5.82	56316.01	56313.85547	56313.27681	56308.30859	503481.2	5410717.1
L3480.0	503481.3	5410718.9	39495.50000	293.31	0	48.849430	-86.952547	56310.04	56244.2	5.82	56315.86	56313.70313	56313.28049	56308.33594	503481.3	5410718.9
L3480.0	503481.3	5410718.9	39495.60156	296.76	0	48.849430	-86.952547	56310.63	56244.2	5.82	56316.46	56314.30078	56313.67734	56308.75391	503481.3	5410718.9
L3480.0	503481.3	5410720.9	39495.69922	297.36	0	48.849448	-86.952547	56310.38	56244.2	5.83	56316.20	56314.03906	56313.57596	56308.67578	503481.3	5410720.9
L3480.0	503481.3	5410720.9	39495.80078	294.80	0	48.849448	-86.952547	56310.44	56244.2	5.83	56316.27	56314.10938	56313.63798	56308.76172	503481.3	5410720.9
L3480.0	503481.4	5410722.8	39495.89844	296.55	0	48.849465	-86.952546	56310.40	56244.2	5.84	56316.23	56314.06641	56313.62386	56308.76953	503481.4	5410722.8
L3480.0	503481.4	5410724.2	39496.00000	295.10	0	48.849477	-86.952545	56310.84	56244.2	5.84	56316.68	56314.51563	56313.85488	56309.02344	503481.4	5410724.2
L3480.0	503481.4	5410724.2	39496.10156	294.93	0	48.849477	-86.952545	56310.70	56244.2	5.84	56316.54	56314.37500	56313.76294	56308.95313	503481.4	5410724.2
L3480.0	503481.4	5410725.8	39496.19922	294.50	0	48.849491	-86.952545	56310.71	56244.2	5.85	56316.55	56314.38672	56313.74315	56308.95703	503481.4	5410725.8
L3480.0	503481.5	5410727.6	39496.30078	296.38	0	48.849508	-86.952544	56310.73	56244.2	5.85	56316.58	56314.41406	56313.72947	56308.96875	503481.5	5410727.6
L3480.0	503481.5	5410729.0	39496.39844	294.25	0	48.849520	-86.952543	56310.81	56244.1	5.85	56316.66	56314.49609	56313.73788	56309.00000	503481.5	5410729.0
L3480.0	503481.6	5410730.5	39496.50000	292.88	0	48.849534	-86.952543	56311.18	56244.1	5.85	56317.04	56314.87500	56313.87836	56309.16406	503481.6	5410730.5
L3480.0	503481.6	5410730.5	39496.60156	294.65	0	48.849534	-86.952543	56311.27	56244.1	5.86	56317.12	56314.95313	56313.88315	56309.19141	503481.6	5410730.5
L3480.0	503481.6	5410732.2	39496.69922	291.47	0	48.849549	-86.952542	56311.52	56244.1	5.86	56317.38	56315.21484	56313.96541	56309.29688	503481.6	5410732.2
L3480.0	503481.6	5410733.5	39496.80078	290.43	0	48.849561	-86.952542	56311.65	56244.1	5.86	56317.51	56315.34375	56313.99775	56309.35547	503481.6	5410733.5
L3480.0	503481.7	5410734.7	39496.89844	290.34	0	48.849571	-86.952542	56311.80	56244.1	5.87	56317.67	56315.50781	56314.04837	56309.42969	503481.7	5410734.7
L3480.0	503481.7	5410734.7	39497.00000	290.22	0	48.849571	-86.952542	56311.44	56244.1	5.87	56317.31	56315.14844	56313.92100	56309.32813	503481.7	5410734.7
L3480.0	503481.7	5410736.2	39497.10156	291.05	0	48.849585	-86.952542	56311.63	56244.1	5.87	56317.50	56315.33984	56314.00749	56309.43750	503481.7	5410736.2
L3480.0	503481.7	5410738.4	39497.19922	290.57	0	48.849605	-86.952541	56311.83	56244.1	5.87	56317.70	56315.53906	56314.10886	56309.56250	503481.7	5410738.4
L3480.0	503481.7	5410740.3	39497.30078	290.60	0	48.849622	-86.952541	56312.04	56244.1	5.88	56317.92	56315.76172	56314.22977	56309.70703	503481.7	5410740.3
L3480.0	503481.7	5410740.3	39497.39844	291.40	0	48.849622	-86.952541	56312.31	56244.1	5.88	56318.19	56316.03125	56314.38089	56309.88281	503481.7	5410740.3
L3480.0	503481.7	5410740.3	39497.50000	292.31	0	48.849622	-86.952541	56312.41	56244.1	5.88	56318.29	56316.13281	56314.49185	56310.01953	503481.7	5410740.3
L3480.0	503481.8	5410743.6	39497.60156	292.72	0	48.849652	-86.952540	56312.70	56244.1	5.88	56318.58	56316.42578	56314.68076	56310.23438	503481.8	5410743.6
L3480.0	503481.8	5410743.6	39497.69922	291.11	0	48.849652	-86.952540	56312.59	56244.1	5.88	56318.47	56316.32031	56314.75132	56310.32813	503481.8	5410743.6
L3480.0	503481.8	5410743.6	39497.80078	292.50	0	48.849652	-86.952540	56312.84	56244.1	5.89	56318.73	56316.58203	56314.95517	56310.55859	503481.8	5410743.6
L3480.0	503481.8	5410745.6	39497.89844	292.25	0	48.849670	-86.952540	56312.60	56244.1	5.89	56318.49	56316.34375	56314.99490	56310.62500	503481.8	5410745.6
L3480.0	503481.8	5410747.3	39498.00000	293.09	0	48.849686	-86.952540	56312.62	56244.1	5.89	56318.51	56316.36719	56315.12652	56310.78125	503481.8	5410747.3
L3480.0	503481.8	5410748.8	39498.10156	292.50	0	48.849699	-86.952540	56312.68	56244.1	5.89	56318.57	56316.42969	56315.27518	56310.95313	503481.8	5410748.8
L3480.0	503481.8	5410750.4	39498.19922	292.97	0	48.849713	-86.952539	56312.77	56244.1	5.89	56318.66	56316.52344	56315.43532	56311.14063	503481.8	5410750.4
L3480.0	503481.8	5410750.4	39498.30078	292.76	0	48.849713	-86.952539	56313.11	56244.1	5.89	56319.00	56316.86719	56315.68962	56311.42188	503481.8	5410750.4
L3480.0	503481.8	5410752.1	39498.39844	293.01	0	48.849728	-86.952539	56312.82	56244.1	5.89	56318.71	56316.58203	56315.69007	56311.44922	503481.8	5410752.1
L3480.0	503481.8	5410752.1	39498.50000	295.01	0	48.849728	-86.952539	56312.89	56244.1	5.89	56318.79	56316.66406	56315.82611	56311.60938	503481.8	5410752.1
L3480.0	503481.8	5410754.1	39498.60156	298.00	0	48.849746	-86.952539	56313.16	56244.1	5.90	56319.06	56316.94141	56316.02792	56311.83984	503481.8	5410754.1
L3480.0	503481.9	5410755.7	39498.69922	296.65	0	48.849761	-86.952539	56313.39	56244.1	5.90	56319.28	56317.16406	56316.19565	56312.03125	503481.9	5410755.7
L3480.0	503481.9	5410757.1	39498.80078	297.08	0	48.849773	-86.952539	56313.54	56244.1	5.90	56319.43	56317.32031	56316.31840	56312.18359	503481.9	5410757.1
L3480.0	503481.9	5410757.1	39498.89844	295.03	0	48.849773	-86.952539	56313.44	56244.1	5.90	56319.34	56317.23438	56316.32561	56312.21484	503481.9	5410757.1
L3480.0	503481.9	5410758.6	39498.89844	295.03	0	48.849787	-86.952539	56313.69	56244.1	5.90	56319.59	56317.48828	56316.45714	56312.37500	503481.9	5410758.6
L3480.0	503481.9	5410758.6	39499.10156	293.03	0	48.849787	-86.952539	56313.39	56244.1	5.90	56319.29	56317.19531	56316.35465	56312.30078	503481.9	5410758.6
L3480.0	503481.9	5410761.0	39499.19922	292.51	0	48.849808	-86.952539	56313.76	56244.1	5.90	56319.66	56317.57031	56316.50611	56312.47656	503481.9	5410761.0
L3480.0	503481.9	5410762.3	39499.30078	293.41	0	48.849820	-86.952539	56313.77	56244.1	5.90	56319.66	56317.57422	56316.50370	56312.50391	503481.9	5410762.3
L3480.0	503481.8	5410764.2	39499.39844	292.09	0	48.849837	-86.952539	56313.84	56244.1	5.90	56319.74	56317.66016	56316.52543	56312.55469	503481.8	5410764.2
L3480.0	503481.8	5410764.2	39499.50000	294.69	0	48.849837	-86.952539	56313.77	56244.1	5.89	56319.66	56317.58594	56316.48853	56312.54297	503481.8	5410764.2
L3480.0	503481.8	5410766.0	39499.60156	293.20	0	48.849853	-86.952539	56314.09	56244.1	5.89	56319.99	56317.92578	56316.58777	56312.67188	503481.8	5410766.0
L3480.0	503481.8	5410767.6	39499.69922	292.48	0	48.849867	-86.952539	56314.07	56244.1	5.89	56319.97	56317.91016	56316.57125	56312.68359	503481.8	5410767.6
L3480.0	503481.8	5410767.6	39499.80078	291.34	0	48.849867	-86.952539	56314.58	56244.1	5.89	56320.47	56318.41797	56316.71223	56312.85156	503481.8	5410767.6
L3480.0	503481.8	5410769.1	39499.89844	289.96	0	48.849882	-86.952539	56314.48	56244.1	5.89	56320.37	56318.32422	56316.67682	56312.84766	503481.8	5410769.1
L3480.0	503481.8	5410769.1	39500.00000	289.80	0	48.849882	-86.952539	56314.20	56244.1	5.89	56320.09	56318.05078	56316.60267	56312.80078	503481.8	5410769.1
L3480.0	503481.8	5410771.1	39500.10156	289.45	0	48.849899	-86.952540	56314.66	56244.1	5.89	56320.55	56318.51953	56316.72922	56312.95703	503481.8	5410771.1
L3480.0	503481.7	5410772.7	39500.19922	289.71	0	48.849914	-86.952540	56314.56	56244.1	5.89	56320.45	56318.42578	56316.71759	56312.97266	503481.7	5410772.7
L3480.0	503481.7	5410774.3	39500.30078	289.55	0	48.849928	-86.952540	56314.82	56244.1	5.89	56320.71	56318.69531	56316.79955	56313.08594	503481.7	5410774.3
L3480.0	503481.7	5410774.3	39500.39844	290.94	0	48.849928	-86.952540	56315.04	56244.1	5.89	56320.93	56318.92188	56316.87587	56313.19141	503481.7	5410774.3
L3480.0	503481.7	5410776.1	39500.50000	293.55	0	48.849944	-86.952541	56314.96	56244.1	5.90	56320.86	56318.85938	56316.89330	56313.23828	503481.7	5410776.1
L3480.0	503481.7	5410777.6	39500.60156	291.19	0	48.849958	-86.952541	56314.79	56244.1	5.90	56320.68	56318.68750	56316.89534	56313.26953	503481.7	5410777.6
L3480.0	503481.6	5410779.2	39500.69922	289.66	0	48.849972	-86.952542	56314.45	56244.1	5.90	56320.35	56318.36719	56316.87411	56313.27734	503481.6	5410779.2
L3480.0	503481.6	5410780.7	39500.80078	291.27	0	48.849986	-86.952542	56314.15	56244.1	5.90	56320.05	56318.07422	56316.86759	56313.30469	503481.6	5410780.7
L3480.0	503481.6	5410780.7	39500.89844	291.57	0	48.849986	-86.952542	56314.10	56244.1	5.90	56320.00	56318.03516	56316.92119	56313.38672	503481.6	5410780.7
L3480.0	503481.5	5410783.0	39501.00000	292.70	0	48.850006	-86.952543	56314.38	56244.1	5.90	56320.28	56318.32422	56317.05187	56313.54688	503481.5	5410783.0
L3480.0	503481.5	5410784.5	39501.10156	291.18	0	48.850020	-86.952544	56314.51	56244.1	5.90	56320.41	56318.46094	56317.15736	56313.68359	503481.5	5410784.5
L3480.0	503481.5	5410784.5	39501.19922	291.14	0	48.850020	-86.952544	56315.07	56244.1	5.90	56320.96	56319.02344	56317.36084	56313.91797	503481.5	5410784.5
L3480.0	503481.4	5410786.4	39501.30078	292.10	0	48.850037	-86.952545	56314.73	56244.1	5.90	56320.63	56318.70313	56317.37413	56313.96484	503481.4	5410786.4
L3480.0	503481.4	5410786.4	39501.39844	291.72	0	48.850037	-86.952545	56315.02	56244.1	5.90	56320.92	56319.00000	56317.52813	56314.14844	503481.4	5410786.4
L3480.0	503481.3	5410788.2	39501.50000	293.38	0	48.850053	-86.952545	56315.20	56244.1	5.89	56321.09	56319.17969	56317.65860	56314.30859	503481.3	5410788.2
L3480.0	503481.3	5410789.7	39501.60156	291.27	0	48.850067	-86.952546	56315.12	56244.1	5.89	56321.01	56319.10938	56317.73289	56314.41797	503481.3	5410789.7
L3480.0	503481.3	5410789.7	39501.69922	292.32	0	48.850067	-86.952546	56315.38	56244.1	5.89	56321.27	56319.38281	56317.89174	56314.60547	503481.3	5410789.7
L3480.0	503481.3	5410791.5	39501.80078	291.44	0	48.850083	-86.952547	56315.66	56244.1	5.89	56321.55	56319.67188	56318.06314	56314.80859	503481.3	5410791.5
L3480.0	503481.2	5410793.5	39501.89844	293.36	0	48.850100	-86.952548	56315.60	56244.1	5.89	56321.49	56319.62109	56318.15714	56314.93750	503481.2	5410793.5
L3480.0	503481.2	5410794.7	39502.00000	293.17	0	48.850112	-86.952548	56315.51	56244.1	5.89	56321.40	56319.54297	56318.25132	56315.06250	503481.2	5410794.7
L3480.0	503481.2	5410794.7	39502.10156	292.04	0	48.850112	-86.952548	56315.68	56244.1	5.89	56321.57	56319.72266	56318.42889	56315.27344	503481.2	5410794.7
L3480.0	503481.1	5410796.2	39502.19922	292.72	0	48.850125	-86.952549	56315.42	56244.1	5.90	56321.32	56319.48438	56318.49656	56315.37109	503481.1	5410796.2
L3480.0	503481.1	5410798.2	39502.30078	289.61	0	48.850143	-86.952549	56315.38	56244.1	5.90	56321.28	56319.45703	56318.63472	56315.54297	503481.1	5410798.2
L3480.0	503481.1	5410798.2	39502.39844	291.14	0	48.850143	-86.952549	56315.55	56244.1	5.90	56321.45	56319.63672	56318.85409	56315.79297	503481.1	5410798.2
L3480.0	503481.0	5410799.5	39502.50000	291.85	0	48.850155	-86.952550	56315.68	56244.1	5.90	56321.59	56319.78906	56319.07623	56316.04688	503481.0	5410799.5
L3480.0	503481.0	5410801.0	39502.60156	291.42	0	48.850169	-86.952550	56315.78	56244.1	5.91	56321.68	56319.89063	56319.28703	56316.29297	503481.0	5410801.0
L3480.0	503481.0	5410802.5	39502.69922	292.84	0	48.850181	-86.952550	56315.76	56244.1	5.91	56321.67	56319.89063	56319.45589	56316.49219	503481.0	5410802.5
L3480.0	503481.0	5410802.5	39502.80078	291.30	0	48.850181	-86.952550	56316.04	56244.1	5.91	56321.95	56320.18359	56319.75596	56316.82422	503481.0	5410802.5
L3480.0	503481.0	5410804.3	39502.89844	291.48	0	48.850198	-86.952550	56316.17	56244.1	5.92	56322.08	56320.32422	56319.98621	56317.08984	503481.0	5410804.3
L3480.0	503481.0	5410806.1	39503.00000	291.71	0	48.850214	-86.952550	56316.26	56244.1	5.92	56322.18	56320.43750	56320.19403	56317.32813	503481.0	5410806.1

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L3480.0	503481.0	5410806.1	39503.10156	294.02	0	48.850214	-86.952550	56316.47	56244.1	5.92	56322.39	56320.66016	56320.45203	56317.62109	503481.0	5410806.1
L3480.0	503481.0	5410808.1	39503.19922	294.28	0	48.850232	-86.952550	56316.17	56244.1	5.91	56322.08	56320.36328	56320.39882	56317.60156	503481.0	5410808.1
L3480.0	503481.0	5410809.4	39503.30078	295.57	0	48.850244	-86.952550	56316.55	56244.1	5.91	56322.46	56320.75391	56320.72862	56317.96484	503481.0	5410809.4
L3480.0	503481.0	5410809.4	39503.39844	297.13	0	48.850244	-86.952550	56316.42	56244.1	5.91	56322.33	56320.63672	56320.73791	56318.00391	503481.0	5410809.4
L3480.0	503481.0	5410811.4	39503.50000	297.78	0	48.850262	-86.952550	56316.66	56244.1	5.90	56322.56	56320.87891	56320.94746	56318.24609	503481.0	5410811.4
L3480.0	503481.0	5410812.9	39503.60156	298.73	0	48.850275	-86.952550	56316.22	56244.1	5.90	56322.12	56320.45313	56320.71904	56318.05078	503481.0	5410812.9
L3480.0	503481.0	5410814.6	39503.69922	298.73	0	48.850291	-86.952551	56315.93	56244.1	5.90	56321.83	56320.17578	56320.56514	56317.92969	503481.0	5410814.6
L3480.0	503481.0	5410814.6	39503.80078	297.89	0	48.850291	-86.952551	56316.35	56244.1	5.90	56322.24	56320.59766	56320.83644	56318.23438	503481.0	5410814.6
L3480.0	503480.9	5410816.4	39503.89844	296.98	0	48.850307	-86.952551	56316.45	56244.1	5.89	56322.34	56320.71094	56320.89711	56318.32813	503480.9	5410816.4
L3480.0	503480.9	5410817.9	39504.00000	294.02	0	48.850320	-86.952551	56316.21	56244.1	5.89	56322.10	56320.48438	56320.73568	56318.19922	503480.9	5410817.9
L3480.0	503480.9	5410817.9	39504.10156	293.07	0	48.850320	-86.952551	56316.50	56244.1	5.89	56322.39	56320.78906	56320.88558	56318.38281	503480.9	5410817.9
L3480.0	503480.9	5410819.4	39504.19922	294.22	0	48.850333	-86.952551	56316.07	56244.1	5.89	56321.96	56320.37109	56320.60071	56318.12891	503480.9	5410819.4
L3480.0	503480.9	5410820.9	39504.30078	293.90	0	48.850348	-86.952552	56315.98	56244.1	5.89	56321.87	56320.29688	56320.51554	56318.07813	503480.9	5410820.9
L3480.0	503480.9	5410820.9	39504.39844	292.85	0	48.850348	-86.952552	56316.20	56244.1	5.89	56322.08	56320.51953	56320.59114	56318.18750	503480.9	5410820.9
L3480.0	503480.9	5410822.7	39504.50000	293.01	0	48.850364	-86.952552	56316.66	56244.1	5.89	56322.55	56321.00391	56320.78791	56318.41406	503480.9	5410822.7
L3480.0	503480.8	5410824.4	39504.60156	291.65	0	48.850379	-86.952552	56316.64	56244.1	5.89	56322.53	56320.99609	56320.72279	56318.38281	503480.8	5410824.4
L3480.0	503480.8	5410826.0	39504.69922	291.68	0	48.850393	-86.952552	56316.70	56244.1	5.89	56322.59	56321.07031	56320.69850	56318.39063	503480.8	5410826.0
L3480.0	503480.8	5410826.0	39504.80078	290.01	0	48.850393	-86.952552	56316.38	56244.1	5.89	56322.26	56320.75391	56320.50899	56318.23438	503480.8	5410826.0
L3480.0	503480.8	5410828.2	39504.89844	291.16	0	48.850413	-86.952552	56316.52	56244.1	5.89	56322.41	56320.91797	56320.54238	56318.29688	503480.8	5410828.2
L3480.0	503480.8	5410829.5	39505.00000	290.74	0	48.850424	-86.952552	56316.49	56244.1	5.89	56322.38	56320.90234	56320.51298	56318.30078	503480.8	5410829.5
L3480.0	503480.8	5410829.5	39505.10156	291.92	0	48.850424	-86.952552	56316.60	56244.1	5.89	56322.49	56321.02344	56320.55198	56318.37109	503480.8	5410829.5
L3480.0	503480.8	5410831.2	39505.19922	291.59	0	48.850440	-86.952552	56316.60	56244.1	5.89	56322.49	56321.03906	56320.56579	56318.41797	503480.8	5410831.2
L3480.0	503480.8	5410832.9	39505.30078	293.07	0	48.850455	-86.952553	56316.63	56244.1	5.89	56322.52	56321.08203	56320.60654	56318.48828	503480.8	5410832.9
L3480.0	503480.8	5410832.9	39505.39844	294.55	0	48.850455	-86.952553	56316.62	56244.1	5.89	56322.51	56321.08594	56320.64692	56318.56250	503480.8	5410832.9
L3480.0	503480.8	5410834.7	39505.50000	294.47	0	48.850471	-86.952552	56316.75	56244.1	5.88	56322.64	56321.23047	56320.74530	56318.69141	503480.8	5410834.7
L3480.0	503480.8	5410836.6	39505.60156	294.90	0	48.850489	-86.952552	56317.14	56244.1	5.88	56323.02	56321.62500	56320.93528	56318.91016	503480.8	5410836.6
L3480.0	503480.8	5410838.0	39505.69922	293.26	0	48.850501	-86.952552	56317.06	56244.1	5.88	56322.94	56321.55859	56320.97483	56318.98047	503480.8	5410838.0
L3480.0	503480.8	5410838.0	39505.80078	293.87	0	48.850501	-86.952552	56317.36	56244.1	5.88	56323.24	56321.87500	56321.14496	56319.18359	503480.8	5410838.0
L3480.0	503480.8	5410839.8	39505.89844	293.27	0	48.850517	-86.952552	56317.41	56244.1	5.88	56323.29	56321.93750	56321.23027	56319.29688	503480.8	5410839.8
L3480.0	503480.8	5410841.3	39506.00000	293.40	0	48.850531	-86.952552	56317.54	56244.1	5.88	56323.42	56322.08203	56321.34073	56319.43750	503480.8	5410841.3
L3480.0	503480.8	5410841.3	39506.10156	290.21	0	48.850531	-86.952552	56317.72	56244.1	5.88	56323.60	56322.27734	56321.46449	56319.59375	503480.8	5410841.3
L3480.0	503480.9	5410843.2	39506.19922	288.87	0	48.850548	-86.952552	56317.50	56244.1	5.87	56323.37	56322.05859	56321.44554	56319.60156	503480.9	5410843.2
L3480.0	503480.9	5410844.5	39506.30078	293.36	0	48.850560	-86.952552	56317.57	56244.1	5.87	56323.44	56322.14453	56321.52465	56319.71094	503480.9	5410844.5
L3480.0	503480.9	5410846.1	39506.39844	292.76	0	48.850574	-86.952551	56317.36	56244.1	5.87	56323.23	56321.94922	56321.50911	56319.72656	503480.9	5410846.1
L3480.0	503480.9	5410846.1	39506.50000	292.30	0	48.850574	-86.952551	56317.59	56244.1	5.86	56323.46	56322.19141	56321.63406	56319.87891	503480.9	5410846.1
L3480.0	503480.9	5410847.8	39506.60156	291.17	0	48.850589	-86.952551	56317.59	56244.1	5.86	56323.46	56322.20703	56321.68333	56319.95703	503480.9	5410847.8
L3480.0	503480.9	5410849.5	39506.69922	292.71	0	48.850605	-86.952551	56318.03	56244.1	5.86	56323.89	56322.65234	56321.86178	56320.16406	503480.9	5410849.5
L3480.0	503480.9	5410849.5	39506.80078	294.59	0	48.850605	-86.952551	56317.98	56244.1	5.86	56323.84	56322.61328	56321.89562	56320.22656	503480.9	5410849.5
L3480.0	503480.9	5410850.8	39506.89844	294.11	0	48.850616	-86.952551	56317.92	56244.1	5.85	56323.77	56322.55859	56321.92900	56320.28516	503480.9	5410850.8
L3480.0	503480.9	5410852.9	39507.00000	292.30	0	48.850635	-86.952551	56317.98	56244.2	5.85	56323.83	56322.63281	56322.00387	56320.38672	503480.9	5410852.9
L3480.0	503480.9	5410852.9	39507.10156	293.21	0	48.850635	-86.952551	56318.11	56244.2	5.85	56323.95	56322.76563	56322.09963	56320.51172	503480.9	5410852.9
L3480.0	503480.9	5410854.4	39507.19922	291.53	0	48.850649	-86.952551	56318.34	56244.2	5.84	56324.18	56323.01172	56322.22844	56320.66797	503480.9	5410854.4
L3480.0	503480.9	5410856.3	39507.30078	291.96	0	48.850666	-86.952551	56318.28	56244.2	5.84	56324.12	56322.96484	56322.29310	56320.75781	503480.9	5410856.3
L3480.0	503480.9	5410856.3	39507.39844	290.84	0	48.850666	-86.952551	56318.59	56244.2	5.84	56324.42	56323.27734	56322.45236	56320.94141	503480.9	5410856.3
L3480.0	503480.9	5410857.9	39507.50000	290.53	0	48.850680	-86.952551	56318.54	56244.2	5.83	56324.38	56323.25391	56322.53972	56321.05469	503480.9	5410857.9
L3480.0	503480.9	5410859.1	39507.60156	289.43	0	48.850691	-86.952550	56318.64	56244.2	5.83	56324.47	56323.35547	56322.66631	56321.20703	503480.9	5410859.1
L3480.0	503481.0	5410860.9	39507.69922	288.79	0	48.850707	-86.952550	56318.64	56244.2	5.83	56324.47	56323.37109	56322.77966	56321.34766	503481.0	5410860.9
L3480.0	503481.0	5410860.9	39507.80078	288.87	0	48.850707	-86.952550	56319.04	56244.2	5.83	56324.87	56323.78516	56322.99677	56321.58594	503481.0	5410860.9
L3480.0	503481.0	5410862.5	39507.89844	290.63	0	48.850722	-86.952550	56319.62	56244.2	5.82	56325.44	56324.36719	56323.26823	56321.88281	503481.0	5410862.5
L3480.0	503481.0	5410864.3	39508.00000	292.44	0	48.850738	-86.952550	56319.84	56244.2	5.82	56325.66	56324.60156	56323.46402	56322.10156	503481.0	5410864.3
L3480.0	503481.0	5410864.3	39508.10156	291.79	0	48.850738	-86.952550	56319.66	56244.2	5.82	56325.48	56324.43359	56323.55836	56322.22266	503481.0	5410864.3
L3480.0	503481.0	5410866.1	39508.19922	291.60	0	48.850754	-86.952549	56319.41	56244.2	5.82	56325.23	56324.19922	56323.62903	56322.31641	503481.0	5410866.1
L3480.0	503481.0	5410867.8	39508.30078	291.90	0	48.850769	-86.952549	56319.64	56244.2	5.82	56325.46	56324.44141	56323.83921	56322.54688	503481.0	5410867.8
L3480.0	503481.0	5410867.8	39508.39844	290.68	0	48.850769	-86.952549	56319.71	56244.2	5.82	56325.53	56324.52344	56324.00270	56322.73438	503481.0	5410867.8
L3480.0	503481.0	5410870.0	39508.50000	291.05	0	48.850789	-86.952549	56319.96	56244.2	5.82	56325.79	56324.79688	56324.23013	56322.98047	503481.0	5410870.0
L3480.0	503481.0	5410871.3	39508.60156	290.61	0	48.850801	-86.952549	56319.99	56244.2	5.83	56325.82	56324.83984	56324.37806	56323.15234	503481.0	5410871.3
L3480.0	503481.0	5410873.2	39508.69922	291.81	0	48.850818	-86.952549	56320.30	56244.2	5.83	56326.12	56325.15234	56324.62140	56323.41797	503481.0	5410873.2
L3480.0	503481.0	5410873.2	39508.80078	294.68	0	48.850818	-86.952549	56320.50	56244.2	5.83	56326.33	56325.37500	56324.83025	56323.64453	503481.0	5410873.2
L3480.0	503481.1	5410875.2	39508.89844	295.92	0	48.850836	-86.952549	56320.59	56244.2	5.83	56326.42	56325.48047	56324.98775	56323.82422	503481.1	5410875.2
L3480.0	503481.1	5410875.2	39509.00000	295.92	0	48.850836	-86.952549	56320.76	56244.2	5.83	56326.59	56325.66016	56325.17129	56324.02734	503481.1	5410875.2
L3480.0	503481.1	5410876.8	39509.10156	294.01	0	48.850850	-86.952549	56320.88	56244.2	5.83	56326.71	56325.79297	56325.32833	56324.20313	503481.1	5410876.8
L3480.0	503481.1	5410878.7	39509.19922	294.23	0	48.850867	-86.952549	56321.09	56244.2	5.83	56326.92	56326.01563	56325.51621	56324.41016	503481.1	5410878.7
L3480.0	503481.1	5410878.7	39509.30078	293.57	0	48.850867	-86.952549	56320.89	56244.2	5.83	56326.72	56325.82813	56325.52769	56324.44141	503481.1	5410878.7
L3480.0	503481.1	5410880.3	39509.39844	294.68	0	48.850882	-86.952548	56321.16	56244.2	5.83	56327.00	56326.12109	56325.73254	56324.66406	503481.1	5410880.3
L3480.0	503481.1	5410882.1	39509.50000	295.56	0	48.850898	-86.952548	56321.45	56244.2	5.83	56327.28	56326.41406	56325.93044	56324.87891	503481.1	5410882.1
L3480.0	503481.1	5410883.7	39509.60156	295.22	0	48.850912	-86.952548	56321.65	56244.2	5.84	56327.48	56326.62500	56326.08951	56325.05469	503481.1	5410883.7
L3480.0	503481.1	5410883.7	39509.69922	295.45	0	48.850912	-86.952548	56321.73	56244.2	5.84	56327.57	56326.72656	56326.20152	56325.18359	503481.1	5410883.7
L3480.0	503481.1	5410885.6	39509.80078	295.29	0	48.850929	-86.952548	56321.93	56244.2	5.84	56327.76	56326.92969	56326.34853	56325.34766	503481.1	5410885.6
L3480.0	503481.1	5410887.6	39509.89844	292.76	0	48.850947	-86.952548	56321.96	56244.2	5.84	56327.80	56326.98047	56326.44100	56325.45703	503481.1	5410887.6
L3480.0	503481.1	5410887.6	39510.00000	292.74	0	48.850947	-86.952548	56322.29	56244.2	5.84	56328.13	56327.32422	56326.63129	56325.66406	503481.1	5410887.6
L3480.0	503481.1	5410889.9	39510.10156	291.23	0	48.850968	-86.952547	56322.65	56244.2	5.84	56328.49	56327.69531	56326.82464	56325.87109	503481.1	5410889.9
L3480.0	503481.1	5410889.9	39510.19922	292.45	0	48.850968	-86.952547	56322.47	56244.2	5.84	56328.31	56327.52734	56326.85997	56325.92188	503481.1	5410889.9
L3480.0	503481.2	5410891.9	39510.30078	290.82	0	48.850986	-86.952547	56322.59	56244.2	5.84	56328.43	56327.65625	56326.99141	56326.07031	503481.2	5410891.9
L3480.0	503481.2	5410891.9	39510.39844	290.48	0	48.850986	-86.952547	56322.75	56244.2	5.84	56328.59	56327.82813	56327.13919	56326.23047	503481.2	5410891.9
L3480.0	503481.2	5410893.7	39510.50000	289.41	0	48.851002	-86.952547	56323.26	56244.2	5.85	56329.10	56328.35156	56327.37092	56326.47656	503481.2	5410893.7
L3480.0	503481.2	5410895.5	39510.60156	290.79	0	48.851018	-86.952547	56323.55	56244.2	5.85	56329.39	56328.65234	56327.55328	56326.67188	503481.2	5410895.5
L3480.0	503481.2	5410895.5	39510.69922	293.39	0	48.851018	-86.952547	56323.84	56244.2	5.85	56329.69	56328.96094	56327.74292	56326.87500	503481.2	5410895.5
L3480.0	503481.2	5410897.6	39510.80078	292.71	0	48.851037	-86.952546	56324.07	56244.2	5.85	56329.92	56329.20313	56327.92681	56327.07422	503481.2	5410897.6
L3480.0	503481.2	5410897.6	39510.89844	292.45	0	48.851037	-86.952546	56324.18	56244.2	5.85	56330.03	56329.32422	56328.09925	56327.25781	503481.2	5410897.6
L3480.0	503481.2	5410899.2	39511.00000	291.55	0	48.851051	-86.952546	56324.31	56244.2	5.85	56330.15	56329.45313	56328.28470	56327.45703	503481.2	5410899.2
L3480.0	503481.2	5410901.1	39511.10156	291.19	0	48.851068	-86.952546	56324.44	56244.2	5.85	56330.28	56329.59375	56328.48258	56327.66797	503481.2	5410901.1
L3480.0	503481.2	5410902.5	39511.19922	290.62	0	48.851081	-86.952546	56324.64	56244.2	5.84	56330.48	56329.80469	56328.70368	56327.89844	503481.2	5410902.5
L3480.0	503481.2	5410904.1	39511.30078	286.97	0	48.851095	-86.952546	56324.64	56244.2	5.84	56330.48	56329.81641	56328.89618	56328.10156	503481.2	5410904.1
L3480.0	503481.2	5410904.1	39511.39844	288.01	0	48.851095	-86.952546	56325.04	56244.2	5.83	56330.88	56330.22656	56329.17377	56328.39063	503481.2	5410904.1
L3480.0	503481.3	5410905.5	39511.50000	289.24	0	48.851108	-86.952546	56325.43	56244.2	5.83	56331.26	56330.61328	56329.45873	56328.68750	503481.3	5410905.5
L3480.0	503481.3	5410907.3	39511.60156	289.25	0	48.851124	-86.952546	56325.61	56244.2	5.83	56331.43	56330.79297	56329.70355	56328.94531	503481.3	5410907.3
L3480.0	503481.3	5410907.3	39511.69922	289.80	0	48.851124	-86.952546	56325.82	56244.2	5.82	56331.64	56331.01563	56329.96225	56329.21484	503481.3	5410907.3
L3480.0	503481.3	5410909.2	39511.80078	289.27	0	48.851141	-86.952545	56326.09	56244.2	5.82	56331.91	56331.29297	56330.24223	56329.50391	503481.3	5410909.2
L3480.0	503481.3	5410910.9	39511.89844	292.10	0	48.851157	-86.952545	56326.36	56244.2	5.81	56332.17	56331.56250	56330.52814	56329.80078	503481.3	5410910.9
L3480.0	503481.3	5410912.5	39512.00000	290.69	0	48.851171	-86.952545	56326.50	56244.2	5.81	56332.31	56331.71484	56330.78548	56330.06641	503481.3	5410912.5
L3480.0	503481.3	5410912.5	39512.10156	292.58	0	48.851171	-86.952545	56326.81	56244.2	5.81	56332.62	56332.03125	56331.10970	56330.40234	503481.3	5410912.5
L3480.0	503481.3	5410914.5	39512.19922	293.37	0	48.851189	-86.952545	56327.04	56244.2	5.81	56332.85	56332.27344	56331.42174	56330.72266	503481.3	5410914.5
L3480.0	503481.3	5410914.5	39512.30078	293.58	0	48.851189	-86.952545	56327.42	56244.2	5.82	56333.23	56332.66016	56331.81563	56331.12500	503481.3	5410914.5

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L3480.0	503481.3	5410916.2	39512.39844	294.03	0	48.851205	-86.952545	56327.70	56244.2	5.82	56333.52	56332.96094	56332.19808	56331.51563	503481.3	5410916.2
L3480.0	503481.3	5410917.4	39512.50000	293.24	0	48.851215	-86.952545	56327.93	56244.2	5.82	56333.75	56333.19922	56332.57475	56331.90234	503481.3	5410917.4
L3480.0	503481.3	5410919.2	39512.60156	294.42	0	48.851232	-86.952545	56328.16	56244.2	5.82	56333.98	56333.43750	56332.97259	56332.30859	503481.3	5410919.2
L3480.0	503481.3	5410920.8	39512.69922	294.29	0	48.851246	-86.952545	56328.14	56244.2	5.82	56333.97	56333.43750	56333.22563	56332.57422	503481.3	5410920.8
L3480.0	503481.3	5410920.8	39512.80078	294.03	0	48.851246	-86.952545	56328.62	56244.2	5.83	56334.45	56333.92578	56333.56974	56332.92578	503481.3	5410920.8
L3480.0	503481.3	5410922.3	39512.89844	292.98	0	48.851259	-86.952545	56328.54	56244.2	5.83	56334.37	56333.85156	56334.07195	56333.43750	503481.3	5410922.3
L3480.0	503481.4	5410924.1	39513.00000	292.65	0	48.851275	-86.952544	56328.75	56244.2	5.83	56334.58	56334.07031	56334.44975	56333.82422	503481.4	5410924.1
L3480.0	503481.4	5410924.1	39513.10156	292.01	0	48.851275	-86.952544	56328.64	56244.2	5.83	56334.47	56333.96875	56333.84424	56333.22656	503481.4	5410924.1
L3480.0	503481.4	5410925.3	39513.19922	290.65	0	48.851286	-86.952544	56329.20	56244.2	5.82	56335.03	56334.53906	56336.06556	56335.45703	503481.4	5410925.3
L3480.0	503481.4	5410926.8	39513.30078	290.68	0	48.851300	-86.952544	56329.66	56244.2	5.82	56335.48	56334.99609	56337.57666	56336.97656	503481.4	5410926.8
L3480.0	503481.4	5410928.2	39513.39844	289.87	0	48.851313	-86.952544	56329.72	56244.2	5.81	56335.53	56335.05469	56337.08398	56336.49219	503481.4	5410928.2
L3480.0	503481.4	5410928.2	39513.50000	289.58	0	48.851313	-86.952544	56329.82	56244.2	5.81	56335.63	56335.16016	56336.74811	56336.16406	503481.4	5410928.2
L3480.0	503481.4	5410929.9	39513.60156	291.05	0	48.851328	-86.952544	56329.92	56244.2	5.81	56335.73	56335.26953	56335.99825	56335.42188	503481.4	5410929.9
L3480.0	503481.4	5410929.9	39513.69922	304.50	0	48.851328	-86.952544	56330.38	56244.2	5.80	56336.18	56335.72656	56340.20282	56339.63672	503481.4	5410929.9
L3480.0	503481.4	5410933.0	39513.80078	307.67	0	48.851355	-86.952544	56330.48	56244.2	5.80	56336.28	56335.83594	56339.33868	56338.78125	503481.4	5410933.0
L3480.0	503481.4	5410933.0	39513.89844	306.97	0	48.851355	-86.952544	56330.84	56244.2	5.79	56336.63	56336.19141	56342.90375	56342.35547	503481.4	5410933.0
L3480.0	503481.3	5410935.0	39514.00000	307.87	0	48.851374	-86.952544	56330.61	56244.2	5.79	56336.40	56335.96875	56334.46591	56333.92578	503481.3	5410935.0
L3480.0	503481.3	5410935.0	39514.10156	308.80	0	48.851374	-86.952544	56330.89	56244.2	5.79	56336.69	56336.26563	56336.49621	56335.96484	503481.3	5410935.0
L3480.0	503481.3	5410936.2	39514.19922	309.19	0	48.851384	-86.952545	56331.04	56244.2	5.79	56336.83	56336.41406	56334.97746	56334.45703	503481.3	5410936.2
L3480.0	503481.3	5410937.6	39514.30078	309.73	0	48.851397	-86.952545	56331.40	56244.2	5.79	56337.19	56336.78125	56339.05468	56338.54297	503481.3	5410937.6
L3480.0	503481.3	5410939.4	39514.39844	290.71	0	48.851413	-86.952545	56331.63	56244.2	5.79	56337.43	56337.02734	56340.11439	56339.61328	503481.3	5410939.4
L3480.0	503481.3	5410940.8	39514.50000	290.74	0	48.851426	-86.952545	56331.76	56244.2	5.79	56337.55	56337.15625	56337.64971	56337.15625	503481.3	5410940.8
L3480.0	503481.3	5410940.8	39514.60156	307.05	0	48.851426	-86.952545	56332.14	56244.2	5.80	56337.94	56337.55078	56343.10885	56342.62500	503481.3	5410940.8
L3480.0	503481.3	5410942.2	39514.69922	308.16	0	48.851439	-86.952545	56332.14	56244.2	5.80	56337.94	56337.55859	56338.69623	56338.22266	503481.3	5410942.2
L3480.0	503481.2	5410943.4	39514.80078	307.29	0	48.851450	-86.952546	56332.58	56244.2	5.80	56338.38	56338.00391	56342.23598	56341.77344	503481.2	5410943.4
L3480.0	503481.2	5410945.1	39514.89844	307.82	0	48.851464	-86.952546	56332.83	56244.2	5.80	56338.63	56338.26172	56343.10292	56342.65234	503481.2	5410945.1
L3480.0	503481.2	5410945.1	39515.00000	308.48	0	48.851464	-86.952546	56333.29	56244.2	5.80	56339.09	56338.73047	56347.02707	56346.58594	503481.2	5410945.1
L3480.0	503481.2	5410946.6	39515.10156	309.22	0	48.851478	-86.952546	56333.36	56244.2	5.80	56339.16	56338.80469	56345.26809	56344.83984	503481.2	5410946.6
L3480.0	503481.2	5410947.8	39515.19922	308.38	0	48.851489	-86.952546	56333.37	56244.2	5.80	56339.17	56338.82031	56342.61571	56342.19922	503481.2	5410947.8
L3480.0	503481.2	5410947.8	39515.30078	306.99	0	48.851489	-86.952546	56333.44	56244.2	5.80	56339.24	56338.89844	56340.84250	56340.43750	503481.2	5410947.8
L3480.0	503481.2	5410949.9	39515.39844	303.76	0	48.851508	-86.952546	56333.57	56244.2	5.80	56339.37	56339.03516	56339.95957	56339.56641	503481.2	5410949.9
L3480.0	503481.2	5410951.3	39515.50000	304.71	0	48.851520	-86.952547	56333.95	56244.2	5.81	56339.76	56339.42969	56342.91195	56342.52734	503481.2	5410951.3
L3480.0	503481.2	5410952.7	39515.60156	306.60	0	48.851533	-86.952547	56334.06	56244.2	5.81	56339.86	56339.53516	56341.62110	56341.25000	503481.2	5410952.7
L3480.0	503481.2	5410952.7	39515.69922	306.85	0	48.851533	-86.952547	56334.46	56244.2	5.81	56340.27	56339.95313	56344.91548	56344.55859	503481.2	5410952.7
L3480.0	503481.2	5410954.3	39515.80078	295.31	0	48.851547	-86.952546	56334.54	56244.2	5.81	56340.35	56340.03906	56343.36504	56343.01953	503481.2	5410954.3
L3480.0	503481.2	5410956.4	39515.89844	296.59	0	48.851566	-86.952546	56335.02	56244.2	5.81	56340.83	56340.52344	56347.72912	56347.39844	503481.2	5410956.4
L3480.0	503481.2	5410956.4	39516.00000	298.00	0	48.851566	-86.952546	56335.21	56244.2	5.81	56341.02	56340.71875	56347.82556	56347.50781	503481.2	5410956.4
L3480.0	503481.2	5410958.1	39516.10156	297.57	0	48.851581	-86.952546	56335.38	56244.2	5.81	56341.19	56340.89453	56347.63648	56347.33203	503481.2	5410958.1
L3480.0	503481.2	5410959.2	39516.19922	311.67	0	48.851591	-86.952546	56335.31	56244.2	5.81	56341.11	56340.82031	56343.84094	56343.55469	503481.2	5410959.2
L3480.0	503481.2	5410959.2	39516.30078	311.42	0	48.851591	-86.952546	56335.77	56244.2	5.81	56341.58	56341.29688	56347.99574	56347.72266	503481.2	5410959.2
L3480.0	503481.2	5410960.8	39516.39844	310.37	0	48.851605	-86.952546	56335.94	56244.2	5.81	56341.75	56341.47266	56347.81770	56347.55859	503481.2	5410960.8
L3480.0	503481.2	5410962.3	39516.50000	309.77	0	48.851620	-86.952545	56336.10	56244.2	5.81	56341.91	56341.64063	56347.76588	56347.52344	503481.2	5410962.3
L3480.0	503481.3	5410963.6	39516.60156	308.85	0	48.851631	-86.952545	56336.28	56244.2	5.81	56342.09	56341.82422	56347.80946	56347.58203	503481.3	5410963.6
L3480.0	503481.3	5410963.6	39516.69922	311.71	0	48.851631	-86.952545	56336.14	56244.2	5.81	56341.95	56341.69141	56339.07279	56338.86328	503481.3	5410963.6
L3480.0	503481.3	5410965.1	39516.80078	311.57	0	48.851645	-86.952545	56336.40	56244.2	5.81	56342.21	56341.95703	56341.82054	56341.62891	503481.3	5410965.1
L3480.0	503481.3	5410965.1	39516.89844	311.69	0	48.851645	-86.952545	56336.51	56244.2	5.81	56342.32	56342.07031	56340.68776	56340.51172	503481.3	5410965.1
L3480.0	503481.3	5410966.4	39517.00000	312.81	0	48.851656	-86.952544	56336.91	56244.2	5.81	56342.72	56342.47656	56346.48155	56346.32031	503481.3	5410966.4
L3480.0	503481.3	5410967.9	39517.10156	314.29	0	48.851670	-86.952544	56337.02	56244.2	5.81	56342.83	56342.58984	56345.31969	56345.17969	503481.3	5410967.9
L3480.0	503481.4	5410969.0	39517.19922	313.48	0	48.851680	-86.952544	56337.31	56244.2	5.81	56343.11	56342.87500	56347.57995	56347.45703	503481.4	5410969.0
L3480.0	503481.4	5410969.0	39517.30078	311.75	0	48.851680	-86.952544	56337.54	56244.2	5.80	56343.35	56343.12109	56348.62232	56348.51953	503481.4	5410969.0
L3480.0	503481.4	5410970.2	39517.39844	312.17	0	48.851690	-86.952543	56337.56	56244.2	5.80	56343.36	56343.13672	56345.94165	56345.85547	503481.4	5410970.2
L3480.0	503481.4	5410971.6	39517.50000	296.62	0	48.851702	-86.952543	56337.83	56244.2	5.80	56343.63	56343.41406	56347.04257	56346.97656	503481.4	5410971.6
L3480.0	503481.4	5410972.7	39517.60156	296.69	0	48.851713	-86.952543	56337.61	56244.2	5.80	56343.40	56343.18750	56342.76915	56342.72266	503481.4	5410972.7
L3480.0	503481.4	5410972.7	39517.69922	297.09	0	48.851713	-86.952543	56337.75	56244.2	5.80	56343.55	56343.34375	56343.07253	56343.04688	503481.4	5410972.7
L3480.0	503481.5	5410973.9	39517.80078	296.23	0	48.851723	-86.952542	56337.75	56244.2	5.79	56343.55	56343.34766	56341.00689	56341.00000	503481.5	5410973.9
L3480.0	503481.5	5410975.3	39517.89844	298.05	0	48.851737	-86.952542	56338.22	56244.2	5.79	56344.01	56343.81250	56345.35465	56345.36719	503481.5	5410975.3
L3480.0	503481.5	5410975.3	39518.00000	295.91	0	48.851737	-86.952542	56338.24	56244.2	5.79	56344.03	56343.83594	56344.00604	56344.03906	503481.5	5410975.3
L3480.0	503481.5	5410976.8	39518.10156	293.64	0	48.851749	-86.952541	56338.65	56244.2	5.79	56344.44	56344.25391	56344.17252	56344.23047	503481.5	5410976.8
L3480.0	503481.6	5410978.0	39518.19922	291.57	0	48.851760	-86.952541	56338.96	56244.2	5.79	56344.74	56344.55859	56344.19472	56344.27344	503481.6	5410978.0
L3480.0	503481.6	5410978.0	39518.30078	290.68	0	48.851760	-86.952541	56339.29	56244.2	5.78	56345.07	56344.89453	56344.05296	56344.15625	503481.6	5410978.0
L3480.0	503481.6	5410979.2	39518.39844	292.54	0	48.851771	-86.952540	56339.11	56244.2	5.78	56344.89	56344.71875	56344.26392	56344.38672	503481.6	5410979.2
L3480.0	503481.6	5410980.4	39518.50000	291.39	0	48.851782	-86.952540	56338.93	56244.2	5.78	56344.71	56344.54297	56344.12636	56344.26953	503481.6	5410980.4
L3480.0	503481.6	5410980.4	39518.60156	292.25	0	48.851782	-86.952540	56339.11	56244.2	5.78	56344.89	56344.72656	56344.27867	56344.44531	503481.6	5410980.4
L3480.0	503481.7	5410981.9	39518.69922	292.84	0	48.851796	-86.952540	56339.16	56244.2	5.78	56344.94	56344.78125	56344.37429	56344.56641	503481.7	5410981.9
L3480.0	503481.7	5410983.3	39518.80078	292.80	0	48.851808	-86.952539	56339.49	56244.2	5.77	56345.27	56345.11719	56344.69448	56344.91016	503481.7	5410983.3
L3480.0	503481.7	5410983.3	39518.89844	293.77	0	48.851808	-86.952539	56339.77	56244.2	5.77	56345.54	56345.39063	56344.89455	56345.13281	503481.7	5410983.3
L3480.0	503481.7	5410984.2	39518.89844	293.77	0	48.851816	-86.952538	56339.92	56244.2	5.77	56345.69	56345.54688	56345.20398	56345.46484	503481.7	5410984.2
L3480.0	503481.8	5410985.3	39519.10156	295.28	0	48.851827	-86.952538	56340.06	56244.2	5.77	56345.83	56345.69141	56345.49903	56345.78516	503481.8	5410985.3
L3480.0	503481.8	5410985.3	39519.19922	295.03	0	48.851827	-86.952538	56340.06	56244.2	5.78	56345.83	56345.69531	56345.74208	56346.05469	503481.8	5410985.3
L3480.0	503481.8	5410986.5	39519.30078	293.97	0	48.851837	-86.952537	56340.34	56244.2	5.78	56346.12	56345.99219	56346.82007	56347.15625	503481.8	5410986.5
L3480.0	503481.9	5410987.7	39519.39844	293.31	0	48.851847	-86.952537	56340.13	56244.2	5.79	56345.92	56345.79688	56343.19862	56343.55859	503481.9	5410987.7
L3480.0	503481.9	5410987.7	39519.50000	288.90	0	48.851847	-86.952537	56340.51	56244.2	5.79	56346.30	56346.17969	56352.24538	56352.62891	503481.9	5410987.7
L3480.0	503481.9	5410989.6	39519.60156	308.68	0	48.851864	-86.952536	56340.36	56244.2	5.79	56346.15	56346.03516	56344.67976	56345.08984	503481.9	5410989.6
L3480.0	503481.9	5410989.6	39519.69922	291.48	0	48.851864	-86.952536	56340.92	56244.2	5.80	56346.72	56346.60938	56348.86898	56349.30469	503481.9	5410989.6
L3480.0	503481.9	5410989.6	39519.80078	288.94	0	48.851864	-86.952536	56340.72	56244.2	5.80	56346.52	56346.41406	56344.81293	56345.27344	503481.9	5410989.6
L3480.0	503482.0	5410990.8	39519.89844	305.34	0	48.851876	-86.952535	56341.25	56244.2	5.81	56347.06	56346.96094	56350.64712	56351.13281	503482.0	5410990.8
L3480.0	503482.0	5410991.9	39520.00000	305.10	0	48.851885	-86.952535	56341.10	56244.2	5.81	56346.91	56346.81641	56345.91244	56346.42188	503482.0	5410991.9
L3480.0	503482.0	5410992.6	39520.10156	307.11	0	48.851892	-86.952534	56341.48	56244.2	5.81	56347.29	56347.19922	56350.59295	56351.12500	503482.0	5410992.6
L3480.0	503482.0	5410992.6	39520.19922	307.14	0	48.851892	-86.952534	56341.71	56244.2	5.81	56347.51	56347.42578	56352.81311	56353.37109	503482.0	5410992.6
L3480.0	503482.1	5410993.7	39520.30078	308.33	0	48.851901	-86.952534	56341.82	56244.2	5.80	56347.62	56347.53906	56352.79839	56353.38281	503482.1	5410993.7
L3480.0	503482.1	5410994.5	39520.39844	310.13	0	48.851909	-86.952534	56341.99	56244.2	5.80	56347.79	56347.71484	56354.41435	56355.02344	503482.1	5410994.5
L3480.0	503482.1	5410995.6	39520.50000	311.49	0	48.851918	-86.952533	56341.89	56244.2	5.80	56347.69	56347.62109	56348.77820	56349.41016	503482.1	5410995.6
L3480.0	503482.1	5410995.6	39520.60156	309.80	0	48.851918	-86.952533	56342.22	56244.2	5.80	56348.02	56347.95313	56355.32855	56355.98828	503482.1	5410995.6
L3480.0	503482.1	5410996.2	39520.69922	308.35	0	48.851925	-86.952533	56342.12	56244.2	5.80	56347.92	56347.85938	56350.97123	56351.65625	503482.1	5410996.2
L3480.0	503482.2	5410997.1	39520.80078	309.33	0	48.851932	-86.952533	56342.27	56244.2	5.79	56348.06	56348.00391	56351.50527	56352.21484	503482.2	5410997.1
L3480.0	503482.2	5410997.1	39520.89844	307.31	0	48.851932	-86.952533	56342.04	56244.2	5.79	56347.83	56347.77734	56346.53958	56347.26953	503482.2	5410997.1
L3480.0	503482.2	5410998.0	39521.00000	307.63	0	48.851940	-86.952532	56342.61	56244.2	5.79	56348.40	56348.35547	56353.55715	56354.31250	503482.2	5410998.0
L3480.0	503482.2	5410999.0	39521.10156	309.73	0	48.851950	-86.952532	56342.45	56244.2	5.79	56348.24	56348.19922	56349.53936	56350.31641	503482.2	5410999.0
L3480.0	503482.2	5410999.0	39521.19922	308.63	0	48.851950	-86.952532	56342.50	56244.2	5.79	56348.30	56348.26563	56348.88186	56349.68359	503482.2	5410999.0
L3480.0	503482.2	5411000.6	39521.30078	310.80	0	48.851964	-86.952531	56342.89	56244.2	5.79	56348.68	56348.64844	56353.19538	56354.02344	503482.2	5411000.6
L3480.0	503482.2	5411000.6	39521.39844	311.72	0	48.851964	-86.952531	56342.96	56244.2	5.79	56348.76	56348.73438	56352.87220	56353.72266	503482.2	5411000.6
L3480.0	503482.3	5411001.4	39521.50000	313.13	0	48.851971	-86.952531	56343.16	56244.2	5.79	56348.96	56348.93750	56354.38088	56355.25000	503482.3	5411001.4
L3480.0	503482.3	5411002.1	39521.60156	312.65	0	48.851977	-86.952531	56343.09	56244.2	5.80	56348.89	56348.87500	56351.84466	56352.73828	503482.3	5411002.1

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L3480.0	503482.3	5411002.1	39521.69922	311.20	0	48.851977	-86.952531	56343.09	56244.2	5.80	56348.88	56348.87109	56350.29943	56351.21484	503482.3	5411002.1
L3480.0	503482.3	5411003.0	39521.80078	298.20	0	48.851986	-86.952530	56342.78	56244.2	5.80	56348.58	56348.57422	56344.69536	56345.63281	503482.3	5411003.0
L3480.0	503482.3	5411003.7	39521.89844	296.32	0	48.851992	-86.952530	56343.14	56244.2	5.80	56348.94	56348.94141	56348.58607	56349.54297	503482.3	5411003.7
L3480.0	503482.3	5411003.7	39522.00000	309.77	0	48.851992	-86.952530	56343.39	56244.2	5.80	56349.20	56349.20703	56350.78123	56351.75781	503482.3	5411003.7
L3480.0	503482.4	5411004.5	39522.10156	309.91	0	48.851999	-86.952530	56343.68	56244.2	5.80	56349.48	56349.49219	56356.48622	56357.48438	503482.4	5411004.5
L3480.0	503482.4	5411005.3	39522.19922	311.75	0	48.852006	-86.952529	56343.68	56244.2	5.80	56349.48	56349.49609	56353.74585	56354.76172	503482.4	5411005.3
L3480.0	503482.4	5411005.3	39522.30078	311.45	0	48.852006	-86.952529	56343.60	56244.2	5.80	56349.40	56349.42188	56348.68492	56349.72266	503482.4	5411005.3
L3480.0	503482.4	5411005.9	39522.39844	310.63	0	48.852012	-86.952529	56343.96	56244.2	5.80	56349.76	56349.78516	56356.74755	56357.80078	503482.4	5411005.9
L3480.0	503482.4	5411006.4	39522.50000	295.35	0	48.852016	-86.952529	56343.95	56244.2	5.80	56349.75	56349.78125	56353.75964	56354.82813	503482.4	5411006.4
L3480.0	503482.4	5411006.4	39522.60156	294.92	0	48.852016	-86.952529	56344.06	56244.2	5.80	56349.86	56349.89844	56354.27226	56355.35938	503482.4	5411006.4
L3480.0	503482.5	5411007.1	39522.69922	308.44	0	48.852022	-86.952529	56344.16	56244.2	5.80	56349.96	56350.00391	56354.40370	56355.50781	503482.5	5411007.1
L3480.0	503482.5	5411007.5	39522.80078	293.81	0	48.852026	-86.952529	56344.24	56244.2	5.80	56350.04	56350.08984	56353.85633	56354.97656	503482.5	5411007.5
L3480.0	503482.5	5411008.0	39522.89844	294.19	0	48.852030	-86.952528	56344.29	56244.2	5.80	56350.09	56350.14453	56352.35687	56353.49219	503482.5	5411008.0
L3480.0	503482.5	5411008.7	39523.00000	312.62	0	48.852037	-86.952528	56344.34	56244.2	5.80	56350.14	56350.19922	56350.82254	56351.97266	503482.5	5411008.7
L3480.0	503482.5	5411009.0	39523.10156	295.22	0	48.852039	-86.952528	56344.34	56244.2	5.81	56350.15	56350.21484	56348.15629	56349.31641	503482.5	5411009.0
L3480.0	503482.5	5411009.0	39523.19922	296.69	0	48.852039	-86.952528	56344.21	56244.2	5.81	56350.02	56350.09375	56341.59650	56342.77344	503482.5	5411009.0
L3480.0	503482.5	5411009.4	39523.30078	315.33	0	48.852043	-86.952528	56344.29	56244.2	5.82	56350.11	56350.18750	56341.54953	56342.73828	503482.5	5411009.4
L3480.0	503482.5	5411010.1	39523.39844	314.34	0	48.852049	-86.952529	56344.57	56244.2	5.82	56350.39	56350.47266	56347.08106	56348.28125	503482.5	5411010.1
L3480.0	503482.5	5411010.1	39523.50000	312.70	0	48.852049	-86.952529	56344.95	56244.2	5.82	56350.78	56350.87109	56355.83795	56357.04688	503482.5	5411010.1
L3480.0	503482.4	5411010.5	39523.60156	310.82	0	48.852052	-86.952529	56345.00	56244.2	5.83	56350.83	56350.92578	56355.42657	56356.64453	503482.4	5411010.5
L3480.0	503482.4	5411011.0	39523.69922	293.99	0	48.852057	-86.952529	56345.11	56244.2	5.83	56350.94	56351.04297	56357.00792	56358.23438	503482.4	5411011.0
L3480.0	503482.4	5411011.0	39523.80078	294.07	0	48.852057	-86.952529	56345.31	56244.2	5.84	56351.15	56351.25781	56361.51031	56362.74609	503482.4	5411011.0
L3480.0	503482.4	5411011.3	39523.89844	311.84	0	48.852060	-86.952529	56345.34	56244.2	5.85	56351.18	56351.29297	56361.50652	56362.75000	503482.4	5411011.3
L3480.0	503482.4	5411011.7	39524.00000	311.33	0	48.852064	-86.952529	56345.28	56244.2	5.85	56351.13	56351.25000	56359.72045	56360.96875	503482.4	5411011.7
L3480.0	503482.4	5411011.7	39524.10156	310.55	0	48.852064	-86.952529	56345.31	56244.1	5.85	56351.17	56351.29688	56360.30886	56361.56250	503482.4	5411011.7
L3480.0	503482.4	5411012.1	39524.19922	309.16	0	48.852067	-86.952530	56344.97	56244.1	5.85	56350.83	56350.96094	56351.98727	56353.24609	503482.4	5411012.1
L3480.0	503482.4	5411012.4	39524.30078	307.61	0	48.852070	-86.952530	56344.70	56244.1	5.86	56350.56	56350.69922	56345.76362	56347.02344	503482.4	5411012.4
L3480.0	503482.4	5411012.4	39524.39844	304.44	0	48.852070	-86.952530	56344.70	56244.1	5.86	56350.55	56350.69531	56345.41363	56346.67578	503482.4	5411012.4
L3480.0	503482.3	5411012.8	39524.50000	287.90	0	48.852073	-86.952530	56344.75	56244.1	5.86	56350.61	56350.76172	56346.20964	56347.47266	503482.3	5411012.8
L3480.0	503482.3	5411013.0	39524.60156	289.60	0	48.852076	-86.952530	56344.78	56244.1	5.86	56350.64	56350.79688	56346.01928	56347.28125	503482.3	5411013.0
L3480.0	503482.4	5411013.4	39524.69922	291.23	0	48.852079	-86.952530	56344.90	56244.1	5.86	56350.76	56350.92188	56346.99482	56348.25781	503482.4	5411013.4
L3480.0	503482.4	5411013.6	39524.80078	292.67	0	48.852081	-86.952530	56344.95	56244.1	5.87	56350.82	56350.98828	56346.55202	56347.81641	503482.4	5411013.6
L3480.0	503482.4	5411013.6	39524.89844	292.42	0	48.852081	-86.952530	56345.18	56244.1	5.87	56351.05	56351.22656	56348.22374	56349.48438	503482.4	5411013.6
L3480.0	503482.4	5411013.9	39525.00000	309.80	0	48.852083	-86.952530	56345.48	56244.1	5.87	56351.35	56351.53125	56350.20870	56351.46484	503482.4	5411013.9
L3480.0	503482.4	5411014.1	39525.10156	308.63	0	48.852085	-86.952529	56345.72	56244.1	5.87	56351.59	56351.78125	56350.97856	56352.23047	503482.4	5411014.1
L3480.0	503482.4	5411014.1	39525.19922	310.90	0	48.852085	-86.952529	56346.10	56244.1	5.87	56351.97	56352.16797	56352.87636	56354.12109	503482.4	5411014.1
L3480.0	503482.4	5411014.2	39525.30078	310.22	0	48.852086	-86.952529	56346.56	56244.1	5.87	56352.43	56352.63281	56354.99261	56356.23438	503482.4	5411014.2
L3480.0	503482.4	5411014.2	39525.39844	309.69	0	48.852086	-86.952529	56346.31	56244.1	5.87	56352.18	56352.39063	56351.39157	56352.62500	503482.4	5411014.2
L3480.0	503482.4	5411014.4	39525.50000	312.67	0	48.852088	-86.952529	56346.71	56244.1	5.88	56352.59	56352.80469	56353.56501	56354.78906	503482.4	5411014.4
L3480.0	503482.4	5411014.4	39525.60156	296.45	0	48.852088	-86.952529	56346.89	56244.1	5.88	56352.77	56352.99219	56355.03736	56356.25000	503482.4	5411014.4
L3480.0	503482.4	5411014.4	39525.69922	295.02	0	48.852088	-86.952529	56346.74	56244.1	5.88	56352.61	56352.83984	56349.48571	56350.68750	503482.4	5411014.4
L3480.0	503482.4	5411014.5	39525.80078	308.95	0	48.852089	-86.952530	56347.71	56244.1	5.88	56353.59	56353.82813	56355.31162	56356.50391	503482.4	5411014.5
L3480.0	503482.3	5411014.6	39525.89844	293.61	0	48.852090	-86.952530	56347.86	56244.1	5.88	56353.74	56353.98438	56353.64389	56354.82422	503482.3	5411014.6
L3480.0	503482.3	5411014.6	39526.00000	293.29	0	48.852090	-86.952530	56347.84	56244.1	5.88	56353.72	56353.96875	56353.60042	56354.76563	503482.3	5411014.6
L3480.0	503482.3	5411014.7	39526.10156	293.40	0	48.852091	-86.952530	56347.36	56244.1	5.88	56353.24	56353.49609	56353.14153	56354.29297	503482.3	5411014.7
L3480.0	503482.3	5411014.9	39526.19922	294.77	0	48.852092	-86.952531	56347.22	56244.1	5.88	56353.10	56353.36328	56352.92600	56354.06250	503482.3	5411014.9
L3480.0	503482.2	5411015.0	39526.30078	313.83	0	48.852094	-86.952531	56346.77	56244.1	5.89	56352.65	56352.92188	56352.71335	56353.83594	503482.2	5411015.0
L3480.0	503482.2	5411015.3	39526.39844	295.62	0	48.852096	-86.952532	56346.84	56244.1	5.89	56352.73	56353.00781	56352.53755	56353.64063	503482.2	5411015.3
L3480.0	503482.2	5411015.3	39526.50000	293.92	0	48.852096	-86.952532	56346.36	56244.1	5.89	56352.25	56352.53516	56352.50063	56353.58594	503482.2	5411015.3
L3480.0	503482.2	5411015.5	39526.60156	292.26	0	48.852098	-86.952532	56346.48	56244.1	5.89	56352.37	56352.66406	56352.34100	56353.40625	503482.2	5411015.5
L3480.0	503482.1	5411015.8	39526.69922	291.15	0	48.852100	-86.952533	56346.48	56244.1	5.89	56352.37	56352.67188	56352.20810	56353.25391	503482.1	5411015.8
L3480.0	503482.1	5411016.0	39526.80078	311.25	0	48.852103	-86.952533	56346.11	56244.1	5.90	56352.00	56352.30859	56352.21763	56353.24609	503482.1	5411016.0
L3480.0	503482.1	5411016.0	39526.89844	308.28	0	48.852103	-86.952533	56346.13	56244.1	5.90	56352.03	56352.34375	56351.98450	56352.98828	503482.1	5411016.0
L3480.0	503482.1	5411016.3	39527.00000	291.43	0	48.852105	-86.952534	56345.77	56244.1	5.90	56351.67	56351.99219	56351.91554	56352.89844	503482.1	5411016.3
L3480.0	503482.0	5411016.6	39527.10156	289.22	0	48.852108	-86.952535	56345.41	56244.1	5.90	56351.31	56351.64063	56351.80343	56352.76172	503482.0	5411016.6
L3480.0	503482.0	5411016.9	39527.19922	307.75	0	48.852110	-86.952535	56345.06	56244.1	5.90	56350.96	56351.29688	56351.74903	56352.68359	503482.0	5411016.9
L3480.0	503482.0	5411016.9	39527.30078	309.94	0	48.852110	-86.952535	56345.00	56244.1	5.90	56350.91	56351.25391	56351.77159	56352.68359	503482.0	5411016.9
L3480.0	503481.9	5411017.2	39527.39844	309.41	0	48.852113	-86.952536	56345.70	56244.1	5.90	56351.60	56351.94922	56351.81572	56352.70313	503481.9	5411017.2
L3480.0	503481.9	5411017.4	39527.50000	290.93	0	48.852115	-86.952536	56346.00	56244.1	5.90	56351.90	56352.25781	56352.01934	56352.87891	503481.9	5411017.4
L3480.0	503481.9	5411017.4	39527.60156	293.23	0	48.852115	-86.952536	56346.20	56244.1	5.91	56352.11	56352.47656	56352.18606	56353.01953	503481.9	5411017.4
L3480.0	503481.9	5411017.6	39527.69922	291.72	0	48.852117	-86.952536	56346.31	56244.1	5.91	56352.21	56352.58203	56352.31761	56353.12500	503481.9	5411017.6
L3480.0	503481.9	5411017.8	39527.80078	295.92	0	48.852118	-86.952536	56346.28	56244.1	5.91	56352.19	56352.57031	56352.45488	56353.23438	503481.9	5411017.8
L3480.0	503481.9	5411018.0	39527.89844	296.62	0	48.852120	-86.952536	56346.56	56244.1	5.91	56352.47	56352.85938	56352.63097	56353.38281	503481.9	5411018.0
L3480.0	503481.9	5411018.0	39528.00000	298.32	0	48.852120	-86.952536	56346.99	56244.1	5.91	56352.90	56353.29688	56352.77104	56353.49219	503481.9	5411018.0
L3480.0	503481.9	5411018.1	39528.10156	298.88	0	48.852121	-86.952536	56347.18	56244.1	5.91	56353.09	56353.49219	56352.78277	56353.47266	503481.9	5411018.1
L3480.0	503481.9	5411018.2	39528.19922	297.33	0	48.852122	-86.952536	56346.66	56244.1	5.91	56352.57	56352.98047	56353.06142	56353.72266	503481.9	5411018.2
L3480.0	503481.9	5411018.2	39528.30078	297.70	0	48.852122	-86.952536	56346.82	56244.1	5.91	56352.73	56353.14844	56353.03186	56353.66406	503481.9	5411018.2
L3480.0	503481.9	5411018.2	39528.39844	296.28	0	48.852123	-86.952537	56346.66	56244.1	5.91	56352.57	56352.99609	56353.02047	56353.62109	503481.9	5411018.2
L3480.0	503481.8	5411018.3	39528.50000	297.03	0	48.852123	-86.952537	56346.56	56244.1	5.92	56352.48	56352.91406	56353.09232	56353.66016	503481.8	5411018.3
L3480.0	503481.8	5411018.3	39528.60156	298.08	0	48.852123	-86.952537	56346.94	56244.1	5.92	56352.85	56353.28906	56353.44876	56353.98438	503481.8	5411018.3
L3480.0	503481.8	5411018.3	39528.69922	295.29	0	48.852123	-86.952537	56347.07	56244.1	5.92	56352.98	56353.42969	56353.66693	56354.17188	503481.8	5411018.3
L3480.0	503481.8	5411018.3	39528.80078	295.64	0	48.852123	-86.952537	56347.38	56244.1	5.92	56353.30	56353.75391	56353.96633	56354.43750	503481.8	5411018.3
L3480.0	503481.8	5411018.4	39528.89844	294.82	0	48.852124	-86.952538	56347.51	56244.1	5.92	56353.43	56353.89453	56354.18081	56354.62109	503481.8	5411018.4
L3480.0	503481.7	5411018.4	39528.89844	294.82	0	48.852124	-86.952538	56347.70	56244.1	5.92	56353.62	56354.08984	56354.41431	56354.82031	503481.7	5411018.4
L3480.0	503481.7	5411018.4	39529.10156	290.36	0	48.852124	-86.952538	56347.51	56244.1	5.92	56353.43	56353.91016	56354.58549	56354.95703	503481.7	5411018.4
L3480.0	503481.7	5411018.4	39529.19922	288.52	0	48.852124	-86.952539	56347.32	56244.1	5.92	56353.24	56353.72656	56354.81979	56355.16016	503481.7	5411018.4
L3480.0	503481.7	5411018.4	39529.30078	287.92	0	48.852124	-86.952539	56346.77	56244.1	5.92	56352.69	56353.18359	56355.13118	56355.43750	503481.7	5411018.4
L3480.0	503481.7	5411018.5	39529.39844	286.15	0	48.852124	-86.952538	56346.74	56244.1	5.92	56352.66	56353.16016	56355.52172	56355.79297	503481.7	5411018.5
L3480.0	503481.7	5411018.5	39529.50000	286.62	0	48.852124	-86.952538	56346.56	56244.1	5.92	56352.48	56352.98828	56355.99640	56356.23438	503481.7	5411018.5
L3480.0	503481.8	5411018.5	39529.60156	286.91	0	48.852125	-86.952538	56346.56	56244.1	5.92	56352.48	56352.99609	56356.50423	56356.70703	503481.8	5411018.5
L3480.0	503481.8	5411018.5	39529.69922	287.05	0	48.852125	-86.952537	56346.48	56244.1	5.92	56352.40	56352.92578	56355.63963	56355.80859	503481.8	5411018.5
L3530.0	503531.5	5411015.1	39546.00000	306.20	0	48.852094	-86.951860	56345.21	56244.1	5.86	56351.07	56355.89063	56335.38353	56351.30859	503531.5	5411015.1
L3530.0	503531.5	5411015.1	39546.10156	304.97	0	48.852094	-86.951860	56345.23	56244.1	5.86	56351.09	56355.93750	56340.03596	56355.82422	503531.5	5411015.1
L3530.0	503531.5	5411015.1	39546.19922	303.98	0	48.852094	-86.951860	56345.21	56244.1	5.86	56351.07	56355.94141	56342.90395	56358.55469	503531.5	5411015.1
L3530.0	503531.5	5411015.1	39546.30078	305.03	0	48.852094	-86.951860	56345.11	56244.1	5.86	56350.97	56355.86719	56342.69878	56358.21484	503531.5	5411015.1
L3530.0	503531.5	5411015.0	39546.39844	302.46	0	48.852093	-86.951860	56345.16	56244.1	5.86	56351.02	56355.94141	56346.13924	56361.51953	503531.5	5411015.0
L3530.0	503531.5	5411014.9	39546.50000	307.19	0	48.852093	-86.951860	56345.11	56244.1	5.85	56350.96	56355.91016	56343.02204	56358.26563	503531.5	5411014.9
L3530.0	503531.5	5411014.9	39546.60156	309.17	0	48.852093	-86.951860	56345.08	56244.1	5.85	56350.93	56355.90234	56344.43385	56359.53906	503531.5	5411014.9
L3530.0	503531.5	5411014.8	39546.69922	312.60	0	48.852091	-86.951860	56345.11	56244.1	5.85	56350.96	56355.96094	56346.66440	56361.63281	503531.5	5411014.8
L3530.0	503531.5	5411014.7	39546.80078	313.49	0	48.852091	-86.951860	56345.11	56244.1	5.85	56350.96	56355.98438	56348.45597	56363.29297	503531.5	5411014.7
L3530.0	503531.5	5411014.7	39546.89844	313.07	0	48.852091	-86.951860	56345.13	56244.1	5.85	56350.98	56356.03125	56350.51223	56365.21484	503531.5	5411014.7
L3530.0	503531.5	5411014.6	39547.00000	313.71	0	48.852089	-86.951860	56345.18	56244.2	5.85	56351.03	56356.10547	56352.99085	56367.55859	503531.5	5411014.6
L3530.0	503531.5	5411014.4	39547.10156	310.16	0	48.852088	-86.951860	56345.39	56244.2	5.85	56351.24	56356.33984	56357.88211	56372.31641	503531.5	5411014.4

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L3530.0	503531.5	5411014.3	39547.19922	309.25	0	48.852087	-86.951860	56345.14	56244.2	5.85	56350.99	56356.11719	56355.71219	56370.01172	503531.5	5411014.3
L3530.0	503531.5	5411014.3	39547.30078	307.29	0	48.852087	-86.951860	56345.36	56244.2	5.85	56351.21	56356.36328	56360.71730	56374.88672	503531.5	5411014.3
L3530.0	503531.5	5411014.1	39547.39844	307.95	0	48.852085	-86.951860	56345.18	56244.2	5.85	56351.03	56356.20703	56359.44752	56373.48438	503531.5	5411014.1
L3530.0	503531.5	5411013.9	39547.50000	307.78	0	48.852083	-86.951860	56345.36	56244.2	5.85	56351.21	56356.41406	56363.76490	56377.67188	503531.5	5411013.9
L3530.0	503531.5	5411013.9	39547.60156	295.49	0	48.852083	-86.951860	56345.11	56244.2	5.85	56350.96	56356.18750	56361.24375	56375.01953	503531.5	5411013.9
L3530.0	503531.5	5411013.8	39547.69922	295.00	0	48.852082	-86.951860	56344.62	56244.2	5.85	56350.47	56355.72266	56354.83339	56368.48047	503531.5	5411013.8
L3530.0	503531.5	5411013.6	39547.80078	292.69	0	48.852081	-86.951860	56344.21	56244.2	5.85	56350.06	56355.33984	56349.62631	56363.14844	503531.5	5411013.6
L3530.0	503531.5	5411013.4	39547.89844	291.71	0	48.852079	-86.951860	56343.65	56244.2	5.85	56349.50	56354.80469	56341.97676	56355.37109	503531.5	5411013.4
L3530.0	503531.5	5411013.2	39548.00000	313.96	0	48.852077	-86.951860	56343.81	56244.2	5.85	56349.65	56354.98047	56345.66516	56358.93359	503531.5	5411013.2
L3530.0	503531.5	5411013.2	39548.10156	315.53	0	48.852077	-86.951860	56343.45	56244.1	5.85	56349.30	56354.65234	56341.34743	56354.49219	503531.5	5411013.2
L3530.0	503531.5	5411013.0	39548.19922	308.04	0	48.852075	-86.951859	56343.50	56244.1	5.85	56349.35	56354.73047	56343.45639	56356.47656	503531.5	5411013.0
L3530.0	503531.5	5411012.8	39548.30078	306.01	0	48.852073	-86.951860	56343.50	56244.1	5.85	56349.35	56354.75391	56344.78685	56357.68359	503531.5	5411012.8
L3530.0	503531.5	5411012.8	39548.39844	309.52	0	48.852073	-86.951860	56343.65	56244.1	5.85	56349.51	56354.93750	56348.71362	56361.49219	503531.5	5411012.8
L3530.0	503531.5	5411012.6	39548.50000	315.67	0	48.852071	-86.951860	56343.63	56244.1	5.85	56349.48	56354.93359	56349.61984	56362.27734	503531.5	5411012.6
L3530.0	503531.5	5411012.6	39548.60156	316.62	0	48.852071	-86.951860	56343.91	56244.1	5.86	56349.77	56355.24609	56355.67424	56368.21484	503531.5	5411012.6
L3530.0	503531.5	5411012.3	39548.69922	310.96	0	48.852068	-86.951860	56343.75	56244.1	5.86	56349.61	56355.11328	56354.56085	56366.98438	503531.5	5411012.3
L3530.0	503531.4	5411011.9	39548.80078	310.62	0	48.852065	-86.951861	56343.73	56244.1	5.86	56349.58	56355.10547	56355.55792	56367.86328	503531.4	5411011.9
L3530.0	503531.3	5411011.6	39548.89844	310.00	0	48.852062	-86.951862	56343.55	56244.1	5.86	56349.41	56354.96094	56354.37909	56366.57422	503531.3	5411011.6
L3530.0	503531.2	5411011.1	39549.00000	310.00	0	48.852058	-86.951864	56343.35	56244.1	5.86	56349.21	56354.78516	56352.78942	56364.87109	503531.2	5411011.1
L3530.0	503531.2	5411011.1	39549.10156	310.03	0	48.852058	-86.951864	56343.19	56244.1	5.86	56349.05	56354.64844	56351.89158	56363.85938	503531.2	5411011.1
L3530.0	503531.1	5411010.7	39549.19922	309.18	0	48.852054	-86.951865	56342.91	56244.1	5.86	56348.77	56354.39453	56349.20793	56361.06641	503531.1	5411010.7
L3530.0	503531.1	5411010.7	39549.30078	292.96	0	48.852054	-86.951865	56342.73	56244.1	5.86	56348.60	56354.25000	56348.30210	56360.05469	503531.1	5411010.7
L3530.0	503531.0	5411010.2	39549.39844	295.53	0	48.852050	-86.951867	56342.70	56244.1	5.86	56348.57	56354.24219	56349.57848	56361.22266	503531.0	5411010.2
L3530.0	503530.9	5411009.9	39549.50000	313.41	0	48.852047	-86.951868	56342.40	56244.1	5.87	56348.27	56353.96484	56346.84096	56358.38281	503530.9	5411009.9
L3530.0	503530.8	5411009.4	39549.60156	312.22	0	48.852043	-86.951870	56342.58	56244.1	5.87	56348.44	56354.16016	56351.15387	56362.58984	503530.8	5411009.4
L3530.0	503530.8	5411009.4	39549.69922	313.03	0	48.852043	-86.951870	56342.07	56244.1	5.87	56347.94	56353.68359	56345.62315	56356.96094	503530.8	5411009.4
L3530.0	503530.7	5411008.9	39549.80078	313.37	0	48.852038	-86.951871	56342.27	56244.1	5.87	56348.13	56353.89844	56350.22424	56361.46094	503530.7	5411008.9
L3530.0	503530.6	5411008.5	39549.89844	311.83	0	48.852035	-86.951872	56341.74	56244.1	5.87	56347.61	56353.40234	56344.61415	56355.75391	503530.6	5411008.5
L3530.0	503530.6	5411008.5	39550.00000	292.48	0	48.852035	-86.951872	56341.94	56244.1	5.87	56347.81	56353.62500	56349.33608	56360.37891	503530.6	5411008.5
L3530.0	503530.5	5411008.0	39550.10156	289.27	0	48.852030	-86.951873	56341.61	56244.1	5.87	56347.48	56353.31641	56346.57077	56357.51953	503530.5	5411008.0
L3530.0	503530.5	5411007.4	39550.19922	307.78	0	48.852025	-86.951874	56341.79	56244.1	5.87	56347.66	56353.51953	56350.96193	56361.81641	503530.5	5411007.4
L3530.0	503530.5	5411007.4	39550.30078	309.48	0	48.852025	-86.951874	56341.50	56244.1	5.87	56347.37	56353.25391	56348.83115	56359.59766	503530.5	5411007.4
L3530.0	503530.4	5411006.7	39550.39844	309.20	0	48.852018	-86.951875	56341.43	56244.1	5.87	56347.30	56353.20313	56349.76499	56360.44141	503530.4	5411006.7
L3530.0	503530.3	5411006.1	39550.50000	309.05	0	48.852013	-86.951876	56341.18	56244.1	5.87	56347.04	56352.96875	56348.11358	56358.70313	503530.3	5411006.1
L3530.0	503530.3	5411006.1	39550.60156	307.15	0	48.852013	-86.951876	56340.62	56244.1	5.86	56346.48	56352.42969	56342.42270	56352.92578	503530.3	5411006.1
L3530.0	503530.3	5411005.4	39550.69922	307.32	0	48.852007	-86.951877	56340.62	56244.1	5.86	56346.48	56352.45313	56344.36141	56354.78125	503530.3	5411005.4
L3530.0	503530.3	5411005.4	39550.80078	305.84	0	48.852007	-86.951877	56340.29	56244.1	5.86	56346.15	56352.14453	56341.87761	56352.21875	503530.3	5411005.4
L3530.0	503530.2	5411004.9	39550.89844	306.38	0	48.852002	-86.951877	56340.56	56244.1	5.86	56346.42	56352.43359	56347.32580	56357.58594	503530.2	5411004.9
L3530.0	503530.2	5411004.3	39551.00000	317.85	0	48.851996	-86.951878	56340.51	56244.1	5.86	56346.37	56352.40625	56349.54916	56359.73047	503530.2	5411004.3
L3530.0	503530.2	5411004.3	39551.10156	316.37	0	48.851996	-86.951878	56340.69	56244.1	5.86	56346.55	56352.60938	56358.31772	56368.42188	503530.2	5411004.3
L3530.0	503530.2	5411003.7	39551.19922	306.32	0	48.851991	-86.951878	56340.21	56244.1	5.86	56346.07	56352.14844	56348.20249	56358.23438	503530.2	5411003.7
L3530.0	503530.2	5411003.1	39551.30078	291.21	0	48.851986	-86.951878	56340.13	56244.1	5.86	56345.99	56352.08984	56349.57453	56359.53516	503530.2	5411003.1
L3530.0	503530.1	5411002.5	39551.39844	292.21	0	48.851981	-86.951879	56339.72	56244.1	5.86	56345.58	56351.69922	56342.41726	56352.30469	503530.1	5411002.5
L3530.0	503530.1	5411001.8	39551.50000	293.22	0	48.851975	-86.951879	56339.67	56244.1	5.86	56345.53	56351.66797	56344.86102	56354.67969	503530.1	5411001.8
L3530.0	503530.1	5411001.2	39551.60156	309.12	0	48.851968	-86.951879	56339.59	56244.1	5.86	56345.45	56351.60938	56346.44723	56356.19922	503530.1	5411001.2
L3530.0	503530.1	5411001.2	39551.69922	307.50	0	48.851968	-86.951879	56339.77	56244.1	5.86	56345.63	56351.80859	56353.28797	56362.97656	503530.1	5411001.2
L3530.0	503530.0	5411000.2	39551.80078	307.40	0	48.851960	-86.951880	56339.42	56244.1	5.86	56345.28	56351.48047	56348.85137	56358.47656	503530.0	5411000.2
L3530.0	503530.0	5410999.6	39551.89844	310.29	0	48.851954	-86.951880	56339.26	56244.1	5.86	56345.12	56351.33984	56348.37982	56357.94141	503530.0	5410999.6
L3530.0	503530.0	5410999.6	39552.00000	310.09	0	48.851954	-86.951880	56338.77	56244.1	5.86	56344.63	56350.86719	56343.18907	56352.69141	503530.0	5410999.6
L3530.0	503530.0	5410998.8	39552.10156	309.39	0	48.851947	-86.951881	56338.47	56244.1	5.86	56344.33	56350.58594	56341.81032	56351.25391	503530.0	5410998.8
L3530.0	503530.0	5410998.8	39552.19922	308.49	0	48.851947	-86.951881	56338.26	56244.1	5.86	56344.13	56350.40234	56342.01821	56351.40625	503530.0	5410998.8
L3530.0	503530.0	5410997.9	39552.30078	309.16	0	48.851940	-86.951881	56338.07	56244.1	5.87	56343.93	56350.22266	56344.08334	56353.41406	503530.0	5410997.9
L3530.0	503529.9	5410997.0	39552.39844	311.32	0	48.851931	-86.951881	56338.04	56244.1	5.87	56343.90	56350.21094	56343.10229	56352.38281	503529.9	5410997.0
L3530.0	503529.9	5410997.0	39552.50000	293.39	0	48.851931	-86.951881	56338.19	56244.1	5.87	56344.06	56350.38672	56344.06000	56353.28906	503529.9	5410997.0
L3530.0	503529.9	5410996.3	39552.60156	291.76	0	48.851925	-86.951882	56338.24	56244.1	5.87	56344.11	56350.45313	56343.85011	56353.02734	503529.9	5410996.3
L3530.0	503529.9	5410995.5	39552.69922	292.94	0	48.851917	-86.951882	56338.35	56244.1	5.87	56344.22	56350.57813	56343.29826	56352.42578	503529.9	5410995.5
L3530.0	503529.9	5410995.5	39552.80078	290.24	0	48.851917	-86.951882	56337.75	56244.1	5.88	56343.63	56350.00391	56343.22649	56352.30859	503529.9	5410995.5
L3530.0	503529.8	5410994.7	39552.89844	289.78	0	48.851911	-86.951883	56337.50	56244.1	5.88	56343.38	56349.76953	56342.88830	56351.92188	503529.8	5410994.7
L3530.0	503529.8	5410993.8	39553.00000	287.96	0	48.851903	-86.951883	56337.12	56244.1	5.88	56343.00	56349.40625	56342.51570	56351.50781	503529.8	5410993.8
L3530.0	503529.8	5410993.8	39553.10156	289.18	0	48.851903	-86.951883	56336.76	56244.1	5.88	56342.64	56349.06250	56342.19549	56351.14453	503529.8	5410993.8
L3530.0	503529.8	5410993.0	39553.19922	288.67	0	48.851895	-86.951884	56336.48	56244.1	5.88	56342.35	56348.78516	56341.93180	56350.83984	503529.8	5410993.0
L3530.0	503529.7	5410992.2	39553.30078	287.66	0	48.851888	-86.951884	56336.61	56244.1	5.88	56342.49	56348.94141	56341.78165	56350.64844	503529.7	5410992.2
L3530.0	503529.7	5410992.2	39553.39844	289.52	0	48.851888	-86.951884	56336.54	56244.1	5.88	56342.41	56348.87500	56341.57167	56350.39844	503529.7	5410992.2
L3530.0	503529.7	5410991.3	39553.50000	288.57	0	48.851879	-86.951885	56336.66	56244.1	5.88	56342.54	56349.01563	56341.39055	56350.17969	503529.7	5410991.3
L3530.0	503529.7	5410990.5	39553.60156	289.67	0	48.851872	-86.951885	56336.71	56244.1	5.87	56342.59	56349.07813	56341.19624	56349.94922	503529.7	5410990.5
L3530.0	503529.7	5410989.4	39553.69922	289.65	0	48.851862	-86.951885	56336.12	56244.1	5.87	56341.99	56348.49219	56340.95585	56349.67188	503529.7	5410989.4
L3530.0	503529.7	5410989.4	39553.80078	289.49	0	48.851862	-86.951885	56335.92	56244.1	5.87	56341.79	56348.30469	56340.76344	56349.44531	503529.7	5410989.4
L3530.0	503529.7	5410988.4	39553.89844	290.21	0	48.851854	-86.951885	56335.94	56244.1	5.87	56341.81	56348.33203	56340.59587	56349.24609	503529.7	5410988.4
L3530.0	503529.6	5410987.4	39554.00000	291.77	0	48.851845	-86.951885	56335.79	56244.1	5.87	56341.66	56348.19531	56340.42550	56349.04297	503529.6	5410987.4
L3530.0	503529.6	5410986.6	39554.10156	292.03	0	48.851837	-86.951886	56335.23	56244.1	5.87	56341.10	56347.64453	56340.22207	56348.80859	503529.6	5410986.6
L3530.0	503529.6	5410986.6	39554.19922	291.15	0	48.851837	-86.951886	56335.20	56244.1	5.87	56341.07	56347.62500	56340.07379	56348.62891	503529.6	5410986.6
L3530.0	503529.6	5410985.2	39554.30078	290.33	0	48.851825	-86.951886	56335.41	56244.1	5.87	56341.28	56347.84375	56339.97359	56348.49609	503529.6	5410985.2
L3530.0	503529.6	5410984.5	39554.39844	291.93	0	48.851819	-86.951886	56335.71	56244.1	5.87	56341.58	56348.15234	56339.91581	56348.41016	503529.6	5410984.5
L3530.0	503529.6	5410984.5	39554.50000	290.60	0	48.851819	-86.951886	56335.31	56244.1	5.87	56341.17	56347.75000	56339.73773	56348.20313	503529.6	5410984.5
L3530.0	503529.6	5410983.3	39554.60156	292.75	0	48.851808	-86.951887	56334.67	56244.1	5.86	56340.53	56347.11719	56339.48807	56347.92578	503529.6	5410983.3
L3530.0	503529.5	5410982.5	39554.69922	293.26	0	48.851801	-86.951887	56334.23	56244.1	5.86	56340.10	56346.69141	56339.26592	56347.67969	503529.5	5410982.5
L3530.0	503529.5	5410982.5	39554.80078	293.01	0	48.851801	-86.951887	56333.63	56244.1	5.86	56339.49	56346.08984	56338.96922	56347.35547	503529.5	5410982.5
L3530.0	503529.5	5410981.5	39554.89844	292.18	0	48.851792	-86.951888	56333.44	56244.1	5.86	56339.30	56345.90234	56338.78792	56347.14844	503529.5	5410981.5
L3530.0	503529.5	5410981.5	39555.00000	290.82	0	48.851792	-86.951888	56333.44	56244.1	5.86	56339.30	56345.91016	56338.66935	56347.00391	503529.5	5410981.5
L3530.0	503529.4	5410980.2	39555.10156	290.10	0	48.851780	-86.951889	56333.42	56244.1	5.86	56339.28	56345.89453	56338.54289	56346.85156	503529.4	5410980.2
L3530.0	503529.3	5410979.0	39555.19922	290.75	0	48.851769	-86.951890	56333.55	56244.1	5.86	56339.40	56346.01563	56338.46257	56346.74609	503529.3	5410979.0
L3530.0	503529.3	5410979.0	39555.30078	293.31	0	48.851769	-86.951890	56333.37	56244.1	5.85	56339.22	56345.83984	56338.26424	56346.52344	503529.3	5410979.0
L3530.0	503529.3	5410977.8	39555.39844	293.08	0	48.851758	-86.951891	56333.29	56244.1	5.85	56339.14	56345.76172	56338.09220	56346.32813	503529.3	5410977.8
L3530.0	503529.2	5410976.6	39555.50000	294.46	0	48.851748	-86.951892	56332.93	56244.2	5.85	56338.78	56345.40234	56337.81344	56346.02344	503529.2	5410976.6
L3530.0	503529.1	5410975.7	39555.60156	295.70	0	48.851740	-86.951893	56332.57	56244.2	5.85	56338.42	56345.04297	56337.53253	56345.72266	503529.1	5410975.7
L3530.0	503529.1	5410975.7	39555.69922	294.98	0	48.851740	-86.951893	56332.57	56244.2	5.85	56338.42	56345.04297	56337.36210	56345.52734	503529.1	5410975.7
L3530.0	503529.0	5410974.6	39555.80078	295.53	0	48.851730	-86.951894	56332.29	56244.2	5.84	56338.14	56344.76172	56337.09955	56345.23828	503529.0	5410974.6
L3530.0	503529.0	5410974.6	39555.89844	294.42	0	48.851730	-86.951894	56332.09	56244.2	5.84	56337.94	56344.56250	56336.85843	56344.97656	503529.0	5410974.6
L3530.0	503528.9	5410973.5	39556.00000	294.83	0	48.851720	-86.951896	56331.78	56244.2	5.84	56337.62	56344.23828	56336.58734	56344.67969	503528.9	5410973.5
L3530.0	503528.8	5410972.1	39556.10156	292.92	0	48.851707	-86.951898	56331.27	56244.2	5.84	56337.11	56343.72656	56336.28152	56344.35156	503528.8	5410972.1
L3530.0	503528.8	5410972.1	39556.19922	290.24	0	48.851707	-86.951898	56330.94	56244.2	5.84	56336.78	56343.39063	56336.02563	56344.07031	503528.8	5410972.1
L3530.0	503528.7	5410971.3	39556.30078	288.99	0	48.851700	-86.951899	56330.87	56244.2	5.84	56336.71	56343.31641	56335.82154	56343.83984	503528.7	5410971.3
L3530.0	503528.5	5410970.1	39556.39844	287.77	0	48.851689	-86.951901	56330.79	56244.2	5.84	56336.63	56343.23047	56335.61389	56343.60938	503528.5	5410970.1

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L3530.0	503528.4	5410969.1	39556.50000	287.64	0	48.851681	-86.951902	56330.59	56244.2	5.85	56336.43	56343.02734	56335.39000	56343.35938	503528.4	5410969.1
L3530.0	503528.4	5410969.1	39556.60156	286.06	0	48.851681	-86.951902	56330.56	56244.2	5.85	56336.40	56342.98828	56335.19099	56343.13672	503528.4	5410969.1
L3530.0	503528.3	5410967.5	39556.69922	287.40	0	48.851666	-86.951905	56330.34	56244.2	5.85	56336.18	56342.76172	56334.97252	56342.89453	503528.3	5410967.5
L3530.0	503528.2	5410966.7	39556.80078	288.58	0	48.851659	-86.951906	56330.05	56244.2	5.85	56335.89	56342.46094	56334.75279	56342.64453	503528.2	5410966.7
L3530.0	503528.1	5410965.7	39556.89844	288.65	0	48.851650	-86.951907	56329.88	56244.2	5.85	56335.72	56342.28125	56334.55131	56342.41797	503528.1	5410965.7
L3530.0	503528.1	5410965.7	39557.00000	293.93	0	48.851650	-86.951907	56329.84	56244.2	5.85	56335.69	56342.24219	56334.36951	56342.21094	503528.1	5410965.7
L3530.0	503527.9	5410964.7	39557.10156	293.04	0	48.851640	-86.951909	56329.36	56244.2	5.85	56335.21	56341.75000	56334.14920	56341.96094	503527.9	5410964.7
L3530.0	503527.8	5410963.7	39557.19922	292.49	0	48.851632	-86.951910	56329.32	56244.2	5.85	56335.17	56341.69922	56333.97986	56341.76563	503527.8	5410963.7
L3530.0	503527.8	5410963.7	39557.30078	290.73	0	48.851632	-86.951910	56329.26	56244.2	5.85	56335.11	56341.62891	56333.81731	56341.57031	503527.8	5410963.7
L3530.0	503527.7	5410962.5	39557.39844	290.58	0	48.851621	-86.951912	56329.20	56244.2	5.85	56335.05	56341.55469	56333.66464	56341.39063	503527.7	5410962.5
L3530.0	503527.6	5410961.3	39557.50000	290.93	0	48.851610	-86.951913	56329.18	56244.2	5.85	56335.03	56341.51953	56333.52955	56341.22656	503527.6	5410961.3
L3530.0	503527.6	5410961.3	39557.60156	292.76	0	48.851610	-86.951913	56328.98	56244.2	5.85	56334.83	56341.30469	56333.37426	56341.03906	503527.6	5410961.3
L3530.0	503527.4	5410959.1	39557.69922	293.74	0	48.851590	-86.951916	56328.92	56244.2	5.85	56334.77	56341.22656	56333.25345	56340.88672	503527.4	5410959.1
L3530.0	503527.4	5410959.1	39557.80078	294.98	0	48.851590	-86.951916	56328.39	56244.2	5.85	56334.24	56340.67969	56333.02258	56340.62109	503527.4	5410959.1
L3530.0	503527.3	5410957.4	39557.89844	294.65	0	48.851575	-86.951918	56328.19	56244.2	5.85	56334.04	56340.46094	56332.86416	56340.42969	503527.3	5410957.4
L3530.0	503527.2	5410956.6	39558.00000	292.41	0	48.851567	-86.951919	56328.08	56244.2	5.85	56333.93	56340.33203	56332.73299	56340.26563	503527.2	5410956.6
L3530.0	503527.1	5410955.6	39558.10156	292.07	0	48.851558	-86.951920	56328.01	56244.2	5.85	56333.86	56340.24609	56332.62106	56340.11719	503527.1	5410955.6
L3530.0	503527.1	5410955.6	39558.19922	291.79	0	48.851558	-86.951920	56327.90	56244.2	5.84	56333.74	56340.10547	56332.50009	56339.96094	503527.1	5410955.6
L3530.0	503527.1	5410954.5	39558.30078	293.65	0	48.851549	-86.951921	56327.22	56244.2	5.84	56333.06	56339.40234	56332.15894	56339.58203	503527.1	5410954.5
L3530.0	503527.0	5410953.1	39558.39844	294.86	0	48.851536	-86.951922	56326.93	56244.2	5.84	56332.77	56339.08984	56331.96208	56339.34766	503527.0	5410953.1
L3530.0	503526.9	5410952.2	39558.50000	293.00	0	48.851528	-86.951923	56326.40	56244.2	5.83	56332.23	56338.52734	56331.64456	56338.99219	503526.9	5410952.2
L3530.0	503526.9	5410952.2	39558.60156	292.29	0	48.851528	-86.951923	56326.38	56244.2	5.83	56332.21	56338.48438	56331.57781	56338.88672	503526.9	5410952.2
L3530.0	503526.9	5410950.7	39558.69922	292.32	0	48.851515	-86.951923	56326.02	56244.2	5.83	56331.85	56338.09766	56331.34066	56338.60547	503526.9	5410950.7
L3530.0	503526.8	5410949.5	39558.80078	290.95	0	48.851504	-86.951924	56325.84	56244.2	5.83	56331.67	56337.89063	56331.20616	56338.42969	503526.8	5410949.5
L3530.0	503526.8	5410949.5	39558.89844	292.38	0	48.851504	-86.951924	56325.99	56244.2	5.82	56331.81	56338.00391	56331.29593	56338.47656	503526.8	5410949.5
L3530.0	503526.8	5410948.1	39559.00000	292.38	0	48.851492	-86.951924	56326.24	56244.2	5.82	56332.06	56338.22656	56331.51276	56338.64844	503526.8	5410948.1
L3530.0	503526.8	5410946.6	39559.10156	292.63	0	48.851478	-86.951925	56326.61	56244.2	5.82	56332.43	56338.57031	56331.06175	56338.15625	503526.8	5410946.6
L3530.0	503526.8	5410946.6	39559.19922	292.89	0	48.851478	-86.951925	56325.61	56244.2	5.83	56331.43	56337.53906	56331.20147	56338.24609	503526.8	5410946.6
L3530.0	503526.7	5410945.2	39559.30078	292.22	0	48.851466	-86.951926	56325.33	56244.2	5.83	56331.16	56337.24219	56330.99692	56337.99609	503526.7	5410945.2
L3530.0	503526.7	5410944.3	39559.39844	289.87	0	48.851457	-86.951926	56324.64	56244.2	5.83	56330.47	56336.51953	56330.47000	56337.42188	503526.7	5410944.3
L3530.0	503526.7	5410943.2	39559.50000	288.64	0	48.851447	-86.951927	56324.36	56244.2	5.83	56330.19	56336.20703	56331.35703	56338.25781	503526.7	5410943.2
L3530.0	503526.7	5410943.2	39559.60156	308.12	0	48.851447	-86.951927	56323.97	56244.2	5.84	56329.81	56335.79688	56326.67543	56333.52734	503526.7	5410943.2
L3530.0	503526.6	5410942.2	39559.69922	308.64	0	48.851438	-86.951927	56324.41	56244.2	5.84	56330.25	56336.20313	56330.87903	56337.67969	503526.6	5410942.2
L3530.0	503526.5	5410940.8	39559.80078	309.09	0	48.851426	-86.951928	56325.02	56244.2	5.84	56330.87	56336.78906	56338.40110	56345.14844	503526.5	5410940.8
L3530.0	503526.5	5410939.7	39559.89844	308.89	0	48.851415	-86.951929	56325.07	56244.2	5.85	56330.91	56336.79297	56343.00084	56349.69531	503526.5	5410939.7
L3530.0	503526.5	5410939.7	39560.00000	308.66	0	48.851415	-86.951929	56324.48	56244.2	5.85	56330.33	56336.17578	56341.46982	56348.11328	503526.5	5410939.7
L3530.0	503526.4	5410938.2	39560.10156	309.09	0	48.851402	-86.951930	56322.88	56244.2	5.85	56328.73	56334.53906	56325.11446	56331.70313	503526.4	5410938.2
L3530.0	503526.3	5410937.2	39560.19922	306.55	0	48.851393	-86.951931	56321.83	56244.2	5.85	56327.67	56333.44141	56312.42437	56318.95703	503526.3	5410937.2
L3530.0	503526.3	5410937.2	39560.30078	307.12	0	48.851393	-86.951931	56321.22	56244.2	5.84	56327.07	56332.80469	56304.96302	56311.43750	503526.3	5410937.2
L3530.0	503526.2	5410935.8	39560.39844	307.36	0	48.851381	-86.951932	56321.70	56244.2	5.84	56327.54	56333.23438	56316.15210	56322.56641	503526.2	5410935.8
L3530.0	503526.1	5410934.6	39560.50000	310.00	0	48.851370	-86.951934	56321.81	56244.2	5.84	56327.65	56333.30469	56322.37619	56328.73438	503526.1	5410934.6
L3530.0	503526.1	5410933.5	39560.60156	309.68	0	48.851360	-86.951935	56321.72	56244.2	5.84	56327.56	56333.17578	56325.27486	56331.57422	503526.1	5410933.5
L3530.0	503526.1	5410933.5	39560.69922	309.46	0	48.851360	-86.951935	56322.39	56244.2	5.84	56328.23	56333.80078	56344.96665	56351.20313	503526.1	5410933.5
L3530.0	503526.0	5410932.0	39560.80078	309.28	0	48.851347	-86.951936	56322.09	56244.2	5.83	56327.92	56333.44922	56343.71232	56349.89063	503526.0	5410932.0
L3530.0	503526.0	5410932.0	39560.89844	293.38	0	48.851347	-86.951936	56322.11	56244.2	5.83	56327.94	56333.42578	56349.63588	56355.75000	503526.0	5410932.0
L3530.0	503525.8	5410930.4	39561.00000	294.63	0	48.851332	-86.951938	56321.30	56244.2	5.83	56327.13	56332.57422	56335.24700	56341.29688	503525.8	5410930.4
L3530.0	503525.8	5410929.2	39561.10156	294.26	0	48.851321	-86.951939	56320.98	56244.2	5.83	56326.81	56332.21094	56331.79637	56337.78516	503525.8	5410929.2
L3530.0	503525.8	5410929.2	39561.19922	292.99	0	48.851321	-86.951939	56320.58	56244.2	5.83	56326.41	56331.76563	56325.75783	56331.68359	503525.8	5410929.2
L3530.0	503525.7	5410927.9	39561.30078	293.47	0	48.851310	-86.951940	56320.43	56244.2	5.83	56326.26	56331.57031	56325.49811	56331.35547	503525.7	5410927.9
L3530.0	503525.6	5410926.5	39561.39844	309.31	0	48.851297	-86.951941	56320.22	56244.2	5.83	56326.05	56331.31250	56323.36540	56329.15625	503525.6	5410926.5
L3530.0	503525.6	5410926.5	39561.50000	307.85	0	48.851297	-86.951941	56319.79	56244.2	5.83	56325.62	56330.83594	56315.45131	56321.17969	503525.6	5410926.5
L3530.0	503525.5	5410925.1	39561.60156	315.83	0	48.851284	-86.951943	56319.31	56244.2	5.83	56325.14	56330.30859	56306.29081	56311.94922	503525.5	5410925.1
L3530.0	503525.4	5410923.9	39561.69922	312.88	0	48.851273	-86.951944	56319.28	56244.2	5.83	56325.11	56330.23047	56308.34355	56313.93750	503525.4	5410923.9
L3530.0	503525.4	5410923.9	39561.80078	307.94	0	48.851273	-86.951944	56319.89	56244.2	5.83	56325.72	56330.79297	56325.61962	56331.14453	503525.4	5410923.9
L3530.0	503525.3	5410922.3	39561.89844	307.17	0	48.851259	-86.951946	56319.92	56244.2	5.83	56325.75	56330.77344	56328.69927	56334.15234	503525.3	5410922.3
L3530.0	503525.2	5410921.0	39562.00000	307.88	0	48.851248	-86.951947	56320.04	56244.2	5.83	56325.87	56330.84375	56333.76391	56339.14844	503525.2	5410921.0
L3530.0	503525.2	5410921.0	39562.10156	306.07	0	48.851248	-86.951947	56319.89	56244.2	5.83	56325.73	56330.65234	56333.07391	56338.39063	503525.2	5410921.0
L3530.0	503525.1	5410919.4	39562.19922	308.20	0	48.851233	-86.951949	56320.15	56244.2	5.84	56325.98	56330.85156	56340.76087	56346.00781	503525.1	5410919.4
L3530.0	503525.0	5410918.2	39562.30078	292.75	0	48.851222	-86.951950	56319.79	56244.2	5.84	56325.63	56330.44922	56336.18212	56341.35547	503525.0	5410918.2
L3530.0	503525.0	5410918.2	39562.39844	292.74	0	48.851222	-86.951950	56318.96	56244.2	5.84	56324.81	56329.57813	56323.49808	56328.60156	503525.0	5410918.2
L3530.0	503524.9	5410916.8	39562.50000	294.09	0	48.851210	-86.951951	56319.06	56244.2	5.85	56324.90	56329.61719	56328.58010	56333.61328	503524.9	5410916.8
L3530.0	503524.8	5410915.1	39562.60156	292.55	0	48.851195	-86.951953	56318.94	56244.2	5.85	56324.79	56329.45313	56330.02908	56334.98828	503524.8	5410915.1
L3530.0	503524.8	5410915.1	39562.69922	308.62	0	48.851195	-86.951953	56318.97	56244.1	5.85	56324.82	56329.42969	56333.62100	56338.50781	503524.8	5410915.1
L3530.0	503524.6	5410913.7	39562.80078	307.27	0	48.851181	-86.951954	56318.38	56244.1	5.85	56324.24	56328.79688	56328.17490	56332.98828	503524.6	5410913.7
L3530.0	503524.5	5410912.2	39562.89844	289.70	0	48.851169	-86.951956	56318.36	56244.1	5.86	56324.22	56328.72266	56330.81787	56335.55859	503524.5	5410912.2
L3530.0	503524.5	5410912.2	39563.00000	293.00	0	48.851169	-86.951956	56317.52	56244.1	5.86	56323.38	56327.83203	56323.58561	56328.25391	503524.5	5410912.2
L3530.0	503524.4	5410911.0	39563.10156	306.06	0	48.851157	-86.951957	56317.72	56244.1	5.86	56323.58	56327.97656	56328.17087	56332.76563	503524.4	5410911.0
L3530.0	503524.3	5410909.5	39563.19922	307.07	0	48.851144	-86.951959	56317.39	56244.1	5.86	56323.25	56327.58984	56326.86998	56331.39063	503524.3	5410909.5
L3530.0	503524.3	5410909.5	39563.30078	293.40	0	48.851144	-86.951959	56315.68	56244.1	5.86	56321.54	56325.82422	56316.67518	56321.12109	503524.3	5410909.5
L3530.0	503524.2	5410908.0	39563.39844	292.67	0	48.851131	-86.951960	56314.73	56244.1	5.86	56320.59	56324.82031	56318.58615	56322.95703	503524.2	5410908.0
L3530.0	503524.1	5410907.0	39563.50000	293.53	0	48.851121	-86.951961	56314.95	56244.1	5.86	56320.81	56324.98438	56318.48759	56322.78516	503524.1	5410907.0
L3530.0	503524.1	5410907.0	39563.60156	292.71	0	48.851121	-86.951961	56315.81	56244.1	5.86	56321.67	56325.78906	56322.77644	56327.00000	503524.1	5410907.0
L3530.0	503524.0	5410905.5	39563.69922	310.09	0	48.851108	-86.951963	56315.56	56244.1	5.86	56321.42	56325.48438	56321.36607	56325.51563	503524.0	5410905.5
L3530.0	503523.9	5410904.0	39563.80078	311.41	0	48.851094	-86.951964	56315.96	56244.1	5.86	56321.82	56325.82813	56321.30237	56325.37500	503523.9	5410904.0
L3530.0	503523.9	5410902.5	39563.89844	312.22	0	48.851081	-86.951965	56315.68	56244.1	5.86	56321.54	56325.49219	56320.90414	56324.90234	503523.9	5410902.5
L3530.0	503523.9	5410902.5	39564.00000	311.21	0	48.851081	-86.951965	56315.47	56244.1	5.86	56321.33	56325.22656	56320.42036	56324.34375	503523.9	5410902.5
L3530.0	503523.8	5410901.3	39564.10156	310.40	0	48.851070	-86.951966	56315.17	56244.1	5.86	56321.03	56324.86719	56320.34901	56324.19922	503523.8	5410901.3
L3530.0	503523.7	5410899.9	39564.19922	293.87	0	48.851058	-86.951967	56314.48	56244.1	5.86	56320.34	56324.12109	56319.70706	56323.48047	503523.7	5410899.9
L3530.0	503523.6	5410898.2	39564.30078	293.77	0	48.851043	-86.951969	56313.59	56244.1	5.87	56319.46	56323.18359	56319.01738	56322.71484	503523.6	5410898.2
L3530.0	503523.6	5410898.2	39564.39844	291.96	0	48.851043	-86.951969	56313.52	56244.1	5.87	56319.38	56323.04688	56318.81429	56322.43750	503523.6	5410898.2
L3530.0	503523.5	5410896.7	39564.50000	290.82	0	48.851029	-86.951970	56313.74	56244.1	5.87	56319.61	56323.22266	56318.74429	56322.29297	503523.5	5410896.7
L3530.0	503523.4	5410895.4	39564.60156	290.97	0	48.851017	-86.951971	56313.46	56244.1	5.87	56319.33	56322.88672	56318.42692	56321.90234	503523.4	5410895.4
L3530.0	503523.4	5410895.4	39564.69922	290.11	0	48.851017	-86.951971	56313.41	56244.1	5.87	56319.28	56322.77734	56318.20941	56321.60938	503523.4	5410895.4
L3530.0	503523.3	5410894.2	39564.80078	289.81	0	48.851007	-86.951972	56313.15	56244.1	5.88	56319.03	56322.47266	56317.92228	56321.24609	503523.3	5410894.2
L3530.0	503523.2	5410892.6	39564.89844	289.60	0	48.850992	-86.951973	56313.18	56244.1	5.88	56319.06	56322.44531	56317.73356	56320.98438	503523.2	5410892.6
L3530.0	503523.2	5410892.6	39565.00000	291.44	0	48.850992	-86.951973	56312.97	56244.1	5.88	56318.85	56322.17969	56317.47753	56320.65234	503523.2	5410892.6
L3530.0	503523.2	5410891.3	39565.10156	291.57	0	48.850980	-86.951974	56312.46	56244.1	5.88	56318.35	56321.62500	56317.15951	56320.26172	503523.2	5410891.3
L3530.0	503523.1	5410889.8	39565.19922	291.61	0	48.850967	-86.951976	56312.06	56244.1	5.89	56317.94	56321.16016	56316.88417	56319.91016	503523.1	5410889.8
L3530.0	503523.0	5410888.1	39565.30078	292.60	0	48.850952	-86.951977	56311.98	56244.1	5.89	56317.87	56321.03125	56316.70349	56319.65625	503523.0	5410888.1
L3530.0	503523.0	5410888.1	39565.39844	292.52	0	48.850952	-86.951977	56311.70	56244.1	5.89	56317.59	56320.69531	56316.48048	56319.35938	503523.0	5410888.1
L3530.0	503522.9	5410886.5	39565.50000	290.67	0	48.850938	-86.951978	56311.63	56244.1	5.90	56317.52	56320.57031	56316.31425	56319.12109	503522.9	5410886.5
L3530.0	503522.9	5410886.5	39565.60156	292.17	0	48.850938	-86.951978	56311.90	56244.1	5.90	56317.80	56320.79688	56316.23841	56318.96875	503522.9	5410886.5
L3530.0	503522.8	5410884.8	39565.69922	291.10	0	48.850921	-86.951980	56311.98	56244.1	5.90	56317.88	56320.82031	56316.12106	56318.78125	503522.8	5410884.8

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L3530.0	503522.7	5410883.4	39565.80078	292.43	0	48.850909	-86.951981	56311.98	56244.1	5.90	56317.89	56320.77734	56315.98997	56318.57422	503522.7	5410883.4
L3530.0	503522.7	5410882.1	39565.89844	293.12	0	48.850898	-86.951982	56310.93	56244.1	5.91	56316.83	56319.66406	56315.58500	56318.09766	503522.7	5410882.1
L3530.0	503522.7	5410882.1	39566.00000	293.17	0	48.850898	-86.951982	56310.09	56244.1	5.91	56316.00	56318.78125	56315.23349	56317.67578	503522.7	5410882.1
L3530.0	503522.6	5410880.8	39566.10156	295.37	0	48.850885	-86.951983	56309.35	56244.1	5.91	56315.26	56317.98828	56314.90486	56317.27344	503522.6	5410880.8
L3530.0	503522.6	5410880.8	39566.19922	295.55	0	48.850885	-86.951983	56309.48	56244.1	5.91	56315.39	56318.06250	56314.80480	56317.10547	503522.6	5410880.8
L3530.0	503522.4	5410877.5	39566.30078	295.19	0	48.850856	-86.951985	56309.15	56244.1	5.92	56315.06	56317.67969	56314.58749	56316.81641	503522.4	5410877.5
L3530.0	503522.4	5410877.5	39566.39844	295.41	0	48.850856	-86.951985	56309.92	56244.1	5.92	56315.84	56318.41016	56314.65157	56316.80859	503522.4	5410877.5
L3530.0	503522.3	5410876.0	39566.50000	294.66	0	48.850842	-86.951986	56310.81	56244.1	5.92	56316.73	56319.24609	56314.72895	56316.81641	503522.3	5410876.0
L3530.0	503522.3	5410874.6	39566.60156	289.97	0	48.850830	-86.951987	56311.21	56244.1	5.92	56317.14	56319.60547	56314.67115	56316.68750	503522.3	5410874.6
L3530.0	503522.3	5410874.6	39566.69922	289.53	0	48.850830	-86.951987	56311.21	56244.1	5.92	56317.13	56319.54688	56314.50032	56316.44922	503522.3	5410874.6
L3530.0	503522.2	5410872.8	39566.80078	291.19	0	48.850814	-86.951988	56310.32	56244.1	5.93	56316.25	56318.61719	56314.13219	56316.01172	503522.2	5410872.8
L3530.0	503522.2	5410872.8	39566.89844	291.81	0	48.850814	-86.951988	56309.61	56244.1	5.93	56315.53	56317.84766	56313.80693	56315.61719	503522.2	5410872.8
L3530.0	503522.1	5410871.4	39567.00000	292.50	0	48.850801	-86.951989	56308.43	56244.1	5.93	56314.36	56316.62891	56313.40616	56315.15234	503522.1	5410871.4
L3530.0	503522.0	5410870.0	39567.10156	290.09	0	48.850789	-86.951990	56309.12	56244.1	5.93	56315.05	56317.26953	56313.35105	56315.02734	503522.0	5410870.0
L3530.0	503522.0	5410868.6	39567.19922	291.02	0	48.850776	-86.951991	56308.88	56244.1	5.92	56314.80	56316.97266	56313.11695	56314.72656	503522.0	5410868.6
L3530.0	503522.0	5410868.6	39567.30078	289.78	0	48.850776	-86.951991	56309.50	56244.1	5.92	56315.43	56317.55469	56313.00506	56314.55078	503522.0	5410868.6
L3530.0	503521.9	5410866.8	39567.39844	288.87	0	48.850760	-86.951992	56309.53	56244.1	5.92	56315.45	56317.52734	56312.78416	56314.26172	503521.9	5410866.8
L3530.0	503521.9	5410866.8	39567.50000	290.36	0	48.850760	-86.951992	56309.12	56244.1	5.92	56315.04	56317.07031	56312.50429	56313.91797	503521.9	5410866.8
L3530.0	503521.9	5410865.2	39567.60156	290.62	0	48.850746	-86.951992	56307.90	56244.1	5.91	56313.81	56315.79688	56312.15595	56313.50781	503521.9	5410865.2
L3530.0	503521.9	5410863.8	39567.69922	290.71	0	48.850733	-86.951993	56307.05	56244.1	5.91	56312.96	56314.90234	56311.87215	56313.16016	503521.9	5410863.8
L3530.0	503521.8	5410862.2	39567.80078	290.64	0	48.850718	-86.951993	56306.57	56244.1	5.91	56312.48	56314.37891	56311.63313	56312.85547	503521.8	5410862.2
L3530.0	503521.8	5410862.2	39567.89844	290.96	0	48.850718	-86.951993	56306.70	56244.1	5.90	56312.60	56314.45313	56311.42577	56312.58594	503521.8	5410862.2
L3530.0	503521.8	5410860.4	39568.00000	291.57	0	48.850702	-86.951993	56307.05	56244.1	5.90	56312.95	56314.76172	56311.21231	56312.31250	503521.8	5410860.4
L3530.0	503521.8	5410860.4	39568.10156	287.99	0	48.850702	-86.951993	56307.04	56244.1	5.90	56312.94	56314.71094	56310.98549	56312.02344	503521.8	5410860.4
L3530.0	503521.8	5410858.3	39568.19922	290.67	0	48.850684	-86.951993	56307.48	56244.1	5.90	56313.38	56315.10938	56310.74589	56311.72266	503521.8	5410858.3
L3530.0	503521.8	5410856.9	39568.30078	291.73	0	48.850671	-86.951993	56306.57	56244.1	5.90	56312.48	56314.16797	56310.54911	56311.46875	503521.8	5410856.9
L3530.0	503521.8	5410855.5	39568.39844	292.69	0	48.850658	-86.951993	56305.26	56244.1	5.90	56311.17	56312.82031	56310.40804	56311.26563	503521.8	5410855.5
L3530.0	503521.8	5410855.5	39568.50000	292.51	0	48.850658	-86.951993	56305.35	56244.1	5.91	56311.25	56312.85938	56310.20747	56311.00781	503521.8	5410855.5
L3530.0	503521.8	5410853.7	39568.60156	290.44	0	48.850642	-86.951993	56305.20	56244.1	5.91	56311.10	56312.67188	56310.02926	56310.77344	503521.8	5410853.7
L3530.0	503521.8	5410853.7	39568.69922	289.92	0	48.850642	-86.951993	56305.27	56244.1	5.91	56311.17	56312.70313	56309.83958	56310.52734	503521.8	5410853.7
L3530.0	503521.9	5410852.1	39568.80078	287.45	0	48.850628	-86.951993	56305.24	56244.1	5.91	56311.15	56312.64844	56309.66592	56310.29688	503521.9	5410852.1
L3530.0	503521.9	5410850.6	39568.89844	288.09	0	48.850614	-86.951993	56305.04	56244.1	5.91	56310.94	56312.40234	56309.52378	56310.09766	503521.9	5410850.6
L3530.0	503521.9	5410850.6	39568.89844	288.09	0	48.850614	-86.951993	56304.79	56244.1	5.91	56310.69	56312.11719	56309.39921	56309.91797	503521.9	5410850.6
L3530.0	503521.8	5410849.2	39569.10156	285.78	0	48.850601	-86.951993	56304.76	56244.1	5.91	56310.67	56312.06250	56309.25778	56309.72266	503521.8	5410849.2
L3530.0	503521.8	5410847.5	39569.19922	286.67	0	48.850586	-86.951993	56304.88	56244.1	5.91	56310.79	56312.15234	56309.10794	56309.51953	503521.8	5410847.5
L3530.0	503521.8	5410847.5	39569.30078	286.51	0	48.850586	-86.951993	56304.73	56244.1	5.91	56310.64	56311.96875	56309.00124	56309.35938	503521.8	5410847.5
L3530.0	503521.8	5410845.7	39569.39844	288.34	0	48.850570	-86.951993	56304.94	56244.1	5.91	56310.84	56312.13672	56308.85760	56309.16406	503521.8	5410845.7
L3530.0	503521.8	5410844.4	39569.50000	288.33	0	48.850559	-86.951994	56305.65	56244.1	5.90	56311.56	56312.82813	56308.65748	56308.91406	503521.8	5410844.4
L3530.0	503521.8	5410842.9	39569.60156	289.09	0	48.850544	-86.951994	56306.34	56244.1	5.90	56312.24	56313.47656	56308.47379	56308.67969	503521.8	5410842.9
L3530.0	503521.8	5410842.9	39569.69922	288.86	0	48.850544	-86.951994	56305.45	56244.1	5.90	56311.35	56312.55859	56308.48317	56308.64063	503521.8	5410842.9
L3530.0	503521.8	5410841.2	39569.80078	288.46	0	48.850530	-86.951994	56304.24	56244.1	5.90	56310.14	56311.32031	56308.52651	56308.63281	503521.8	5410841.2
L3530.0	503521.8	5410841.2	39569.89844	289.74	0	48.850530	-86.951994	56303.25	56244.1	5.90	56309.15	56310.30469	56308.54291	56308.60156	503521.8	5410841.2
L3530.0	503521.8	5410839.7	39570.00000	289.83	0	48.850516	-86.951994	56303.07	56244.1	5.90	56308.97	56310.09766	56308.47685	56308.48828	503521.8	5410839.7
L3530.0	503521.7	5410838.3	39570.10156	290.91	0	48.850504	-86.951994	56303.20	56244.1	5.90	56309.10	56310.20313	56308.38797	56308.35156	503521.7	5410838.3
L3530.0	503521.7	5410838.3	39570.19922	289.58	0	48.850504	-86.951994	56304.48	56244.1	5.90	56310.38	56311.45703	56308.20150	56308.12109	503521.7	5410838.3
L3530.0	503521.8	5410837.0	39570.30078	289.56	0	48.850491	-86.951994	56305.26	56244.1	5.90	56311.16	56312.21484	56308.07927	56307.95313	503521.8	5410837.0
L3530.0	503521.7	5410835.4	39570.39844	290.61	0	48.850477	-86.951994	56305.70	56244.1	5.90	56311.60	56312.63281	56307.99837	56307.82422	503521.7	5410835.4
L3530.0	503521.8	5410833.4	39570.50000	291.33	0	48.850459	-86.951994	56305.45	56244.1	5.90	56311.35	56312.35938	56307.97717	56307.76172	503521.8	5410833.4
L3530.0	503521.8	5410833.4	39570.60156	291.91	0	48.850459	-86.951994	56305.04	56244.1	5.90	56310.94	56311.92969	56307.96479	56307.70313	503521.8	5410833.4
L3530.0	503521.8	5410832.2	39570.69922	291.52	0	48.850449	-86.951994	56305.22	56244.1	5.90	56311.12	56312.08984	56307.91149	56307.60547	503521.8	5410832.2
L3530.0	503521.8	5410830.7	39570.80078	292.59	0	48.850435	-86.951994	56305.45	56244.1	5.90	56311.35	56312.30078	56307.85861	56307.51172	503521.8	5410830.7
L3530.0	503521.7	5410829.4	39570.89844	290.63	0	48.850424	-86.951994	56305.86	56244.1	5.90	56311.76	56312.69141	56307.80337	56307.41406	503521.7	5410829.4
L3530.0	503521.7	5410829.4	39571.00000	286.94	0	48.850424	-86.951994	56305.52	56244.1	5.90	56311.42	56312.33594	56307.77471	56307.34375	503521.7	5410829.4
L3530.0	503521.7	5410827.5	39571.10156	287.76	0	48.850407	-86.951994	56305.46	56244.1	5.90	56311.36	56312.25781	56307.73124	56307.25781	503521.7	5410827.5
L3530.0	503521.7	5410827.5	39571.19922	287.38	0	48.850407	-86.951994	56304.96	56244.1	5.89	56310.85	56311.73438	56307.68341	56307.17188	503521.7	5410827.5
L3530.0	503521.7	5410826.1	39571.30078	287.49	0	48.850394	-86.951994	56305.09	56244.1	5.89	56310.98	56311.85156	56307.62850	56307.07422	503521.7	5410826.1
L3530.0	503521.7	5410824.4	39571.39844	287.94	0	48.850378	-86.951995	56304.51	56244.1	5.88	56310.39	56311.24609	56307.55824	56306.96484	503521.7	5410824.4
L3530.0	503521.7	5410822.9	39571.50000	289.07	0	48.850365	-86.951994	56303.89	56244.1	5.88	56309.77	56310.61328	56307.47292	56306.83984	503521.7	5410822.9
L3530.0	503521.8	5410821.5	39571.60156	290.76	0	48.850353	-86.951994	56303.71	56244.1	5.88	56309.58	56310.41016	56307.39420	56306.72266	503521.8	5410821.5
L3530.0	503521.8	5410821.5	39571.69922	289.88	0	48.850353	-86.951994	56303.58	56244.1	5.87	56309.45	56310.26953	56307.31543	56306.60547	503521.8	5410821.5
L3530.0	503521.8	5410819.7	39571.80078	292.62	0	48.850336	-86.951994	56303.87	56244.1	5.87	56309.74	56310.55078	56307.25774	56306.50781	503521.8	5410819.7
L3530.0	503521.8	5410818.0	39571.89844	292.02	0	48.850321	-86.951994	56303.71	56244.1	5.86	56309.57	56310.37109	56307.17203	56306.38672	503521.8	5410818.0
L3530.0	503521.8	5410818.0	39572.00000	292.21	0	48.850321	-86.951994	56304.32	56244.1	5.86	56310.18	56310.97266	56307.12782	56306.30469	503521.8	5410818.0
L3530.0	503521.9	5410816.3	39572.10156	292.76	0	48.850306	-86.951993	56304.56	56244.1	5.86	56310.42	56311.20313	56307.05304	56306.19141	503521.9	5410816.3
L3530.0	503521.9	5410814.9	39572.19922	292.94	0	48.850293	-86.951992	56304.55	56244.1	5.86	56310.41	56311.18750	56306.95399	56306.05469	503521.9	5410814.9
L3530.0	503521.9	5410814.9	39572.30078	293.91	0	48.850293	-86.951992	56304.07	56244.1	5.86	56309.93	56310.69922	56306.82329	56305.88672	503521.9	5410814.9
L3530.0	503522.0	5410813.5	39572.39844	290.95	0	48.850280	-86.951992	56303.96	56244.1	5.86	56309.82	56310.58594	56306.70422	56305.73047	503522.0	5410813.5
L3530.0	503522.1	5410811.3	39572.50000	291.75	0	48.850261	-86.951990	56303.89	56244.1	5.86	56309.75	56310.51172	56306.57841	56305.56641	503522.1	5410811.3
L3530.0	503522.1	5410811.3	39572.60156	290.25	0	48.850261	-86.951990	56303.97	56244.1	5.86	56309.83	56310.58594	56306.44613	56305.39844	503522.1	5410811.3
L3530.0	503522.1	5410809.8	39572.69922	291.19	0	48.850247	-86.951989	56303.84	56244.1	5.86	56309.70	56310.45313	56306.30221	56305.21875	503522.1	5410809.8
L3530.0	503522.2	5410808.0	39572.80078	289.61	0	48.850231	-86.951988	56303.43	56244.1	5.86	56309.29	56310.04297	56306.15825	56305.03906	503522.2	5410808.0
L3530.0	503522.2	5410808.0	39572.89844	289.94	0	48.850231	-86.951988	56303.92	56244.1	5.86	56309.78	56310.53125	56305.98536	56304.82813	503522.2	5410808.0
L3530.0	503522.3	5410806.5	39573.00000	289.23	0	48.850217	-86.951988	56304.04	56244.1	5.86	56309.90	56310.65234	56305.80745	56304.61328	503522.3	5410806.5
L3530.0	503522.4	5410804.6	39573.10156	287.58	0	48.850200	-86.951986	56303.96	56244.1	5.86	56309.82	56310.57031	56305.63695	56304.40625	503522.4	5410804.6
L3530.0	503522.4	5410803.1	39573.19922	288.21	0	48.850187	-86.951985	56303.64	56244.1	5.85	56309.49	56310.24219	56305.49186	56304.22266	503522.4	5410803.1
L3530.0	503522.4	5410803.1	39573.30078	286.48	0	48.850187	-86.951985	56303.79	56244.2	5.85	56309.63	56310.38281	56305.31303	56304.00781	503522.4	5410803.1
L3530.0	503522.5	5410801.5	39573.39844	286.89	0	48.850172	-86.951984	56303.61	56244.2	5.84	56309.45	56310.20313	56305.17362	56303.83203	503522.5	5410801.5
L3530.0	503522.5	5410800.3	39573.50000	286.22	0	48.850162	-86.951984	56303.48	56244.2	5.84	56309.32	56310.07813	56305.04141	56303.66016	503522.5	5410800.3
L3530.0	503522.6	5410798.5	39573.60156	286.10	0	48.850146	-86.951983	56303.02	56244.2	5.84	56308.86	56309.62109	56304.96080	56303.54297	503522.6	5410798.5
L3530.0	503522.6	5410798.5	39573.69922	287.35	0	48.850146	-86.951983	56302.46	56244.2	5.83	56308.29	56309.05469	56304.90564	56303.44922	503522.6	5410798.5
L3530.0	503522.7	5410797.0	39573.80078	288.29	0	48.850132	-86.951982	56303.13	56244.2	5.83	56308.95	56309.71875	56304.73075	56303.23828	503522.7	5410797.0
L3530.0	503522.7	5410797.0	39573.89844	290.24	0	48.850132	-86.951982	56302.77	56244.2	5.82	56308.59	56309.36719	56304.66930	56303.13672	503522.7	5410797.0
L3530.0	503522.8	5410795.5	39574.00000	290.99	0	48.850118	-86.951981	56302.56	56244.2	5.82	56308.38	56309.16406	56304.59313	56303.02344	503522.8	5410795.5
L3530.0	503522.9	5410793.9	39574.10156	289.59	0	48.850104	-86.951980	56302.06	56244.2	5.82	56307.88	56308.66797	56304.53267	56302.92578	503522.9	5410793.9
L3530.0	503522.9	5410793.9	39574.19922	289.64	0	48.850104	-86.951980	56302.28	56244.2	5.82	56308.10	56308.89844	56304.41552	56302.76953	503522.9	5410793.9
L3530.0	503522.9	5410791.9	39574.30078	290.04	0	48.850086	-86.951978	56302.13	56244.2	5.82	56307.95	56308.75391	56304.31598	56302.62891	503522.9	5410791.9
L3530.0	503523.0	5410790.4	39574.39844	290.37	0	48.850073	-86.951978	56302.06	56244.2	5.82	56307.88	56308.69531	56304.20216	56302.47656	503523.0	5410790.4
L3530.0	503523.0	5410790.4	39574.50000	291.68	0	48.850073	-86.951978	56302.25	56244.2	5.82	56308.07	56308.89453	56304.06372	56302.29688	503523.0	5410790.4
L3530.0	503523.0	5410788.7	39574.60156	291.61	0	48.850058	-86.951977	56302.31	56244.2	5.82	56308.13	56308.96094	56303.92041	56302.11328	503523.0	5410788.7
L3530.0	503523.1	5410787.3	39574.69922	292.35	0	48.850044	-86.951977	56302.34	56244.2	5.82	56308.16	56309.00391	56303.76597	56301.91797	503523.1	5410787.3
L3530.0	503523.1	5410785.8	39574.80078	291.60	0	48.850032	-86.951976	56302.06	56244.2	5.82	56307.88	56308.73438	56303.62102	56301.73047	503523.1	5410785.8
L3530.0	503523.1	5410785.8	39574.89844	292.92	0	48.850032	-86.951976	56301.34	56244.2	5.82	56307.16	56308.02344	56303.50831	56301.57422	503523.1	5410785.8
L3530.0	503523.1	5410784.7	39575.00000	289.64	0	48.850022	-86.951976	56300.52	56244.2	5.82	56306.34	56307.21875	56303.41727	56301.44141	503523.1	5410784.7

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L3530.0	503523.1	5410783.4	39575.10156	292.04	0	48.850009	-86.951976	56300.19	56244.2	5.82	56306.01	56306.89844	56303.29273	56301.27344	503523.1	5410783.4
L3530.0	503523.1	5410783.4	39575.19922	290.24	0	48.850009	-86.951976	56300.32	56244.2	5.82	56306.14	56307.04297	56303.12174	56301.05859	503523.1	5410783.4
L3530.0	503523.1	5410781.4	39575.30078	288.18	0	48.849992	-86.951976	56301.01	56244.2	5.81	56306.83	56307.74609	56302.87399	56300.76563	503523.1	5410781.4
L3530.0	503523.1	5410779.8	39575.39844	288.58	0	48.849978	-86.951976	56301.56	56244.2	5.81	56307.38	56308.30859	56302.63761	56300.48438	503523.1	5410779.8
L3530.0	503523.1	5410779.8	39575.50000	285.17	0	48.849978	-86.951976	56301.52	56244.2	5.81	56307.33	56308.27344	56302.49702	56300.30078	503523.1	5410779.8
L3530.0	503523.1	5410778.8	39575.60156	285.63	0	48.849968	-86.951976	56301.23	56244.2	5.81	56307.04	56308.00000	56302.40897	56300.16797	503523.1	5410778.8
L3530.0	503523.2	5410777.1	39575.69922	284.27	0	48.849953	-86.951976	56300.68	56244.2	5.81	56306.48	56307.45313	56302.38293	56300.09375	503523.2	5410777.1
L3530.0	503523.1	5410775.5	39575.80078	285.00	0	48.849939	-86.951976	56300.58	56244.2	5.80	56306.38	56307.37109	56302.29014	56299.95313	503523.1	5410775.5
L3530.0	503523.1	5410775.5	39575.89844	285.73	0	48.849939	-86.951976	56300.55	56244.2	5.80	56306.35	56307.35547	56302.19675	56299.81250	503523.1	5410775.5
L3530.0	503523.1	5410774.2	39576.00000	285.49	0	48.849927	-86.951976	56300.70	56244.2	5.80	56306.50	56307.52344	56302.08434	56299.65234	503523.1	5410774.2
L3530.0	503523.1	5410772.4	39576.10156	287.15	0	48.849910	-86.951977	56300.95	56244.2	5.80	56306.75	56307.78906	56301.96967	56299.48828	503523.1	5410772.4
L3530.0	503523.1	5410770.9	39576.19922	288.56	0	48.849897	-86.951977	56301.28	56244.2	5.80	56307.08	56308.13672	56301.85939	56299.32813	503523.1	5410770.9
L3530.0	503523.1	5410770.9	39576.30078	291.07	0	48.849897	-86.951977	56301.42	56244.2	5.80	56307.22	56308.29297	56301.79629	56299.21875	503523.1	5410770.9
L3530.0	503523.0	5410769.3	39576.39844	292.02	0	48.849883	-86.951977	56301.34	56244.2	5.80	56307.13	56308.22266	56301.77861	56299.14844	503523.0	5410769.3
L3530.0	503523.0	5410769.3	39576.50000	292.66	0	48.849883	-86.951977	56300.93	56244.2	5.80	56306.73	56307.83984	56301.80221	56299.12109	503523.0	5410769.3
L3530.0	503523.0	5410768.2	39576.60156	293.37	0	48.849873	-86.951978	56300.49	56244.2	5.79	56306.29	56307.42188	56301.82105	56299.08984	503523.0	5410768.2
L3530.0	503523.0	5410766.5	39576.69922	290.81	0	48.849858	-86.951978	56300.06	56244.2	5.79	56305.86	56307.00781	56301.82540	56299.03906	503523.0	5410766.5
L3530.0	503522.9	5410765.1	39576.80078	291.51	0	48.849845	-86.951979	56300.46	56244.2	5.79	56306.26	56307.42969	56301.76740	56298.92969	503522.9	5410765.1
L3530.0	503522.9	5410763.6	39576.89844	292.33	0	48.849831	-86.951980	56300.75	56244.2	5.79	56306.54	56307.72656	56301.71687	56298.82422	503522.9	5410763.6
L3530.0	503522.9	5410763.6	39577.00000	294.15	0	48.849831	-86.951980	56301.37	56244.2	5.79	56307.16	56308.36719	56301.65053	56298.70703	503522.9	5410763.6
L3530.0	503522.8	5410761.4	39577.10156	292.78	0	48.849812	-86.951981	56301.62	56244.2	5.79	56307.41	56308.63672	56301.57527	56298.57422	503522.8	5410761.4
L3530.0	503522.8	5410760.2	39577.19922	291.84	0	48.849801	-86.951981	56301.85	56244.2	5.79	56307.64	56308.89063	56301.47085	56298.41797	503522.8	5410760.2
L3530.0	503522.8	5410760.2	39577.30078	290.18	0	48.849801	-86.951981	56301.23	56244.2	5.79	56307.02	56308.28906	56301.33580	56298.22656	503522.8	5410760.2
L3530.0	503522.7	5410758.8	39577.39844	289.23	0	48.849788	-86.951982	56299.78	56244.2	5.79	56305.57	56306.85938	56301.17797	56298.01172	503522.7	5410758.8
L3530.0	503522.7	5410757.1	39577.50000	290.50	0	48.849773	-86.951982	56298.50	56244.2	5.79	56304.29	56305.60156	56301.01489	56297.78906	503522.7	5410757.1
L3530.0	503522.7	5410757.1	39577.60156	288.76	0	48.849773	-86.951982	56297.77	56244.2	5.79	56303.56	56304.89453	56300.85040	56297.57031	503522.7	5410757.1
L3530.0	503522.6	5410755.6	39577.69922	290.34	0	48.849760	-86.951983	56298.14	56244.2	5.79	56303.93	56305.28516	56300.65493	56297.31641	503522.6	5410755.6
L3530.0	503522.6	5410754.2	39577.80078	289.89	0	48.849747	-86.951983	56297.99	56244.2	5.79	56303.78	56305.15625	56300.47357	56297.07813	503522.6	5410754.2
L3530.0	503522.6	5410752.9	39577.89844	287.08	0	48.849735	-86.951983	56298.84	56244.2	5.79	56304.63	56306.03125	56300.22670	56296.76953	503522.6	5410752.9
L3530.0	503522.6	5410752.9	39578.00000	286.37	0	48.849735	-86.951983	56299.30	56244.2	5.79	56305.09	56306.51172	56299.98811	56296.47266	503522.6	5410752.9
L3530.0	503522.6	5410751.2	39578.10156	284.71	0	48.849720	-86.951983	56299.34	56244.2	5.79	56305.13	56306.57422	56299.78185	56296.20703	503522.6	5410751.2
L3530.0	503522.6	5410749.8	39578.19922	286.66	0	48.849707	-86.951983	56299.45	56244.2	5.79	56305.24	56306.70703	56299.57577	56295.94141	503522.6	5410749.8
L3530.0	503522.6	5410748.2	39578.30078	286.73	0	48.849693	-86.951983	56298.48	56244.2	5.79	56304.27	56305.76172	56299.50871	56295.81250	503522.6	5410748.2
L3530.0	503522.6	5410748.2	39578.39844	289.28	0	48.849693	-86.951983	56297.92	56244.2	5.79	56303.71	56305.22266	56299.41662	56295.66016	503522.6	5410748.2
L3530.0	503522.7	5410746.5	39578.50000	289.67	0	48.849678	-86.951983	56297.61	56244.2	5.79	56303.40	56304.93750	56299.30879	56295.49219	503522.7	5410746.5
L3530.0	503522.7	5410746.5	39578.60156	289.03	0	48.849678	-86.951983	56298.04	56244.2	5.79	56303.83	56305.39063	56299.11651	56295.23828	503522.7	5410746.5
L3530.0	503522.7	5410745.1	39578.69922	291.17	0	48.849665	-86.951982	56298.12	56244.2	5.79	56303.91	56305.49219	56298.97866	56295.03906	503522.7	5410745.1
L3530.0	503522.7	5410743.6	39578.80078	288.03	0	48.849651	-86.951982	56298.48	56244.2	5.79	56304.27	56305.87891	56298.81407	56294.81250	503522.7	5410743.6
L3530.0	503522.7	5410742.0	39578.89844	287.45	0	48.849637	-86.951982	56298.22	56244.2	5.79	56304.01	56305.64063	56298.73344	56294.66797	503522.7	5410742.0
L3530.0	503522.7	5410742.0	39579.00000	287.45	0	48.849637	-86.951982	56298.09	56244.2	5.79	56303.88	56305.53516	56298.63922	56294.51172	503522.7	5410742.0
L3530.0	503522.7	5410740.9	39579.10156	289.41	0	48.849627	-86.951982	56298.43	56244.2	5.79	56304.22	56305.89844	56298.49350	56294.30078	503522.7	5410740.9
L3530.0	503522.7	5410739.3	39579.19922	290.81	0	48.849613	-86.951983	56298.27	56244.2	5.79	56304.07	56305.77344	56298.40119	56294.14453	503522.7	5410739.3
L3530.0	503522.7	5410739.3	39579.30078	291.50	0	48.849613	-86.951983	56297.92	56244.2	5.79	56303.71	56305.43750	56298.32386	56294.00391	503522.7	5410739.3
L3530.0	503522.6	5410738.0	39579.39844	291.45	0	48.849601	-86.951983	56297.16	56244.2	5.79	56302.95	56304.70313	56298.27618	56293.89453	503522.6	5410738.0
L3530.0	503522.6	5410736.4	39579.50000	291.06	0	48.849587	-86.951984	56297.11	56244.2	5.80	56302.90	56304.67578	56298.15254	56293.70703	503522.6	5410736.4
L3530.0	503522.5	5410734.9	39579.60156	291.01	0	48.849573	-86.951984	56297.00	56244.2	5.80	56302.80	56304.60156	56298.02703	56293.51563	503522.5	5410734.9
L3530.0	503522.5	5410734.9	39579.69922	290.21	0	48.849573	-86.951984	56297.05	56244.2	5.80	56302.85	56304.67578	56297.87938	56293.30469	503522.5	5410734.9
L3530.0	503522.5	5410732.9	39579.80078	289.86	0	48.849556	-86.951985	56296.64	56244.2	5.80	56302.44	56304.28906	56297.76681	56293.12891	503522.5	5410732.9
L3530.0	503522.5	5410732.9	39579.89844	288.29	0	48.849556	-86.951985	56296.24	56244.2	5.80	56302.04	56303.91406	56297.64921	56292.94531	503522.5	5410732.9
L3530.0	503522.4	5410729.9	39580.00000	289.25	0	48.849528	-86.951986	56296.31	56244.2	5.80	56302.11	56304.00781	56297.47842	56292.71094	503522.4	5410729.9
L3530.0	503522.4	5410729.9	39580.10156	290.21	0	48.849528	-86.951986	56296.41	56244.2	5.80	56302.21	56304.13281	56297.29698	56292.46484	503522.4	5410729.9
L3530.0	503522.4	5410728.7	39580.19922	289.45	0	48.849518	-86.951987	56296.59	56244.2	5.80	56302.39	56304.33984	56297.09857	56292.20313	503522.4	5410728.7
L3530.0	503522.4	5410728.7	39580.30078	290.34	0	48.849518	-86.951987	56296.16	56244.2	5.80	56301.95	56303.92578	56296.98509	56292.02734	503522.4	5410728.7
L3530.0	503522.3	5410727.1	39580.39844	288.91	0	48.849503	-86.951987	56295.98	56244.2	5.80	56301.78	56303.78125	56296.84036	56291.81641	503522.3	5410727.1
L3530.0	503522.3	5410725.7	39580.50000	288.39	0	48.849491	-86.951988	56296.00	56244.2	5.79	56301.79	56303.81641	56296.67210	56291.58203	503522.3	5410725.7
L3530.0	503522.3	5410724.3	39580.60156	287.99	0	48.849478	-86.951988	56296.06	56244.2	5.79	56301.85	56303.89844	56296.50043	56291.34766	503522.3	5410724.3
L3530.0	503522.3	5410723.0	39580.69922	286.51	0	48.849466	-86.951988	56295.88	56244.2	5.79	56301.67	56303.74609	56296.38445	56291.16797	503522.3	5410723.0
L3530.0	503522.3	5410723.0	39580.80078	285.89	0	48.849466	-86.951988	56295.70	56244.2	5.79	56301.50	56303.59766	56296.28111	56291.00391	503522.3	5410723.0
L3530.0	503522.3	5410721.1	39580.89844	285.47	0	48.849450	-86.951988	56295.80	56244.2	5.79	56301.59	56303.71484	56296.13615	56290.79297	503522.3	5410721.1
L3530.0	503522.3	5410719.9	39581.00000	287.16	0	48.849438	-86.951988	56295.91	56244.2	5.79	56301.70	56303.85156	56295.99898	56290.59375	503522.3	5410719.9
L3530.0	503522.3	5410719.9	39581.10156	289.14	0	48.849438	-86.951988	56295.96	56244.2	5.79	56301.75	56303.92578	56295.88891	56290.42188	503522.3	5410719.9
L3530.0	503522.2	5410716.9	39581.19922	288.15	0	48.849412	-86.951989	56295.80	56244.2	5.79	56301.59	56303.78906	56295.84164	56290.31250	503522.2	5410716.9
L3530.0	503522.2	5410716.9	39581.30078	287.84	0	48.849412	-86.951989	56296.59	56244.2	5.79	56302.38	56304.60547	56295.58757	56289.99609	503522.2	5410716.9
L3530.0	503522.2	5410716.9	39581.39844	288.67	0	48.849412	-86.951989	56296.31	56244.2	5.79	56302.10	56304.35156	56295.59541	56289.94141	503522.2	5410716.9
L3530.0	503522.2	5410715.2	39581.50000	287.16	0	48.849396	-86.951989	56296.11	56244.2	5.79	56301.90	56304.17578	56295.59376	56289.87891	503522.2	5410715.2
L3530.0	503522.2	5410713.8	39581.60156	287.35	0	48.849383	-86.951990	56297.08	56244.2	5.79	56302.87	56305.17188	56295.35133	56289.57813	503522.2	5410713.8
L3530.0	503522.1	5410712.4	39581.69922	287.59	0	48.849371	-86.951990	56297.31	56244.2	5.79	56303.10	56305.42578	56295.29030	56289.45703	503522.1	5410712.4
L3530.0	503522.1	5410712.4	39581.80078	287.62	0	48.849371	-86.951990	56297.61	56244.2	5.79	56303.40	56305.75000	56295.23578	56289.34375	503522.1	5410712.4
L3530.0	503522.1	5410711.0	39581.89844	287.87	0	48.849359	-86.951991	56297.28	56244.2	5.79	56303.07	56305.44531	56295.31056	56289.35938	503522.1	5410711.0
L3530.0	503522.0	5410709.4	39582.00000	289.08	0	48.849344	-86.951992	56297.23	56244.2	5.79	56303.02	56305.42188	56295.35398	56289.34375	503522.0	5410709.4
L3530.0	503522.0	5410709.4	39582.10156	290.43	0	48.849344	-86.951992	56296.46	56244.2	5.79	56302.25	56304.67578	56295.50718	56289.43750	503522.0	5410709.4
L3530.0	503522.0	5410708.2	39582.19922	290.60	0	48.849334	-86.951992	56296.34	56244.2	5.79	56302.13	56304.57813	56295.59911	56289.47656	503522.0	5410708.2
L3530.0	503521.9	5410706.5	39582.30078	289.87	0	48.849318	-86.951993	56295.46	56244.2	5.80	56301.26	56303.73438	56295.75489	56289.57422	503521.9	5410706.5
L3530.0	503521.9	5410705.2	39582.39844	291.20	0	48.849306	-86.951994	56295.11	56244.2	5.80	56300.91	56303.41016	56295.89005	56289.65234	503521.9	5410705.2
L3530.0	503521.9	5410705.2	39582.50000	288.45	0	48.849306	-86.951994	56295.04	56244.2	5.80	56300.84	56303.36328	56296.06483	56289.77344	503521.9	5410705.2
L3530.0	503521.9	5410704.0	39582.60156	288.64	0	48.849296	-86.951994	56295.09	56244.2	5.80	56300.89	56303.43750	56296.31063	56289.96484	503521.9	5410704.0
L3530.0	503521.9	5410704.0	39582.69922	289.47	0	48.849296	-86.951994	56295.74	56244.2	5.80	56301.55	56304.12109	56296.76709	56290.36719	503521.9	5410704.0
L3530.0	503521.8	5410700.8	39582.80078	289.90	0	48.849266	-86.951994	56295.41	56244.2	5.81	56301.22	56303.81641	56297.10451	56290.65234	503521.8	5410700.8
L3530.0	503521.8	5410700.8	39582.89844	291.21	0	48.849266	-86.951994	56294.66	56244.2	5.81	56300.47	56303.09375	56297.28850	56290.78516	503521.8	5410700.8
L3530.0	503521.9	5410699.1	39583.00000	289.65	0	48.849251	-86.951994	56293.88	56244.2	5.81	56299.69	56302.33594	56297.37789	56290.82422	503521.9	5410699.1
L3530.0	503521.9	5410697.7	39583.10156	291.01	0	48.849239	-86.951994	56293.89	56244.2	5.81	56299.70	56302.37109	56297.84858	56291.24609	503521.9	5410697.7
L3530.0	503521.9	5410697.7	39583.19922	291.26	0	48.849239	-86.951994	56293.86	56244.2	5.81	56299.67	56302.36328	56298.35011	56291.69922	503521.9	5410697.7
L3530.0	503522.0	5410695.9	39583.30078	292.70	0	48.849223	-86.951993	56293.84	56244.2	5.81	56299.65	56302.36719	56299.13019	56292.42969	503522.0	5410695.9
L3530.0	503522.1	5410694.1	39583.39844	291.18	0	48.849206	-86.951991	56294.29	56244.2	5.81	56300.11	56302.85156	56299.94302	56293.19531	503522.1	5410694.1
L3530.0	503522.2	5410692.2	39583.50000	287.95	0	48.849189	-86.951990	56294.12	56244.2	5.82	56299.94	56302.70703	56297.90694	56291.11328	503522.2	5410692.2
L3530.0	503522.2	5410692.2	39583.60156	289.68	0	48.849189	-86.951990	56294.57	56244.2	5.82	56300.39	56303.17969	56307.59619	56300.75781	503522.2	5410692.2
L3530.0	503522.3	5410690.7	39583.69922	289.97	0	48.849176	-86.951989	56294.27	56244.2	5.82	56300.08	56302.89453	56301.25836	56294.37500	503522.3	5410690.7
L3530.0	503522.3	5410690.7	39583.80078	313.89	0	48.849176	-86.951989	56294.32	56244.2	5.82	56300.14	56302.97656	56302.42659	56295.50000	503522.3	5410690.7
L3530.0	503522.3	5410689.0	39583.89844	311.43	0	48.849160	-86.951988	56294.83	56244.2	5.82	56300.65	56303.51172	56310.38793	56303.42188	503522.3	5410689.0
L3530.0	503522.4	5410687.4	39584.00000	292.54	0	48.849146	-86.951987	56295.34	56244.2	5.82	56301.16	56304.04688	56321.23959	56314.23047	503522.4	5410687.4
L3530.0	503522.5	5410686.1	39584.10156	293.92	0	48.849135	-86.951986	56295.41	56244.2	5.82	56301.24	56304.14844	56326.86257	56319.81250	503522.5	5410686.1
L3530.0	503522.5	5410686.1	39584.19922	310.72	0	48.849135	-86.951986	56295.09	56244.2	5.83	56300.92	56303.85156	56324.95265	56317.86719	503522.5	5410686.1
L3530.0	503522.5	5410684.9	39584.30078	310.33	0	48.849124	-86.951986	56294.52	56244.2	5.83	56300.35	56303.30469	56316.59485	56309.47266	503522.5	5410684.9

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L3530.0	503522.5	5410683.0	39584.39844	308.88	0	48.849106	-86.951985	56293.64	56244.2	5.83	56299.47	56302.44922	56299.26944	56292.10938	503522.5	5410683.0
L3530.0	503522.5	5410683.0	39584.50000	309.39	0	48.849106	-86.951985	56293.09	56244.2	5.83	56298.92	56301.92188	56288.49332	56281.29688	503522.5	5410683.0
L3530.0	503522.5	5410682.0	39584.60156	310.39	0	48.849097	-86.951986	56292.71	56244.2	5.84	56298.54	56301.56250	56281.60056	56274.37109	503522.5	5410682.0
L3530.0	503522.5	5410680.5	39584.69922	309.02	0	48.849084	-86.951986	56292.59	56244.2	5.84	56298.43	56301.47656	56281.94839	56274.68750	503522.5	5410680.5
L3530.0	503522.5	5410678.9	39584.80078	309.17	0	48.849069	-86.951986	56292.84	56244.2	5.84	56298.68	56301.75000	56292.39605	56285.10547	503522.5	5410678.9
L3530.0	503522.5	5410678.9	39584.89844	308.45	0	48.849069	-86.951986	56293.43	56244.2	5.85	56299.27	56302.36328	56312.16033	56304.83984	503522.5	5410678.9
L3530.0	503522.4	5410677.6	39585.00000	308.32	0	48.849058	-86.951986	56293.66	56244.2	5.85	56299.51	56302.62500	56321.54651	56314.19531	503522.4	5410677.6
L3530.0	503522.4	5410676.4	39585.10156	308.55	0	48.849047	-86.951987	56293.32	56244.2	5.85	56299.17	56302.30469	56314.55071	56307.17188	503522.4	5410676.4
L3530.0	503522.4	5410674.8	39585.19922	307.56	0	48.849033	-86.951988	56292.84	56244.2	5.85	56298.69	56301.84766	56303.95487	56296.55078	503522.4	5410674.8
L3530.0	503522.4	5410674.8	39585.30078	289.81	0	48.849033	-86.951988	56292.48	56244.2	5.84	56298.32	56301.50000	56296.63328	56289.20313	503522.4	5410674.8
L3530.0	503522.3	5410673.1	39585.39844	289.59	0	48.849017	-86.951988	56292.74	56244.2	5.84	56298.58	56301.78125	56303.86205	56296.41016	503522.3	5410673.1
L3530.0	503522.3	5410672.0	39585.50000	308.77	0	48.849007	-86.951989	56292.76	56244.2	5.84	56298.60	56301.82422	56304.93039	56297.45313	503522.3	5410672.0
L3530.0	503522.3	5410672.0	39585.60156	286.76	0	48.849007	-86.951989	56293.00	56244.2	5.84	56298.83	56302.07813	56309.32786	56301.83203	503522.3	5410672.0
L3530.0	503522.2	5410670.6	39585.69922	286.95	0	48.848995	-86.951989	56292.81	56244.2	5.84	56298.65	56301.91797	56306.05124	56298.53516	503522.2	5410670.6
L3530.0	503522.2	5410668.8	39585.80078	306.75	0	48.848979	-86.951989	56292.86	56244.2	5.83	56298.69	56301.98047	56306.26520	56298.73047	503522.2	5410668.8
L3530.0	503522.2	5410667.5	39585.89844	306.58	0	48.848967	-86.951990	56292.64	56244.2	5.83	56298.47	56301.78125	56303.24257	56295.69141	503522.2	5410667.5
L3530.0	503522.2	5410667.5	39586.00000	309.22	0	48.848967	-86.951990	56292.22	56244.2	5.83	56298.05	56301.38281	56299.32595	56291.75781	503522.2	5410667.5
L3530.0	503522.2	5410665.5	39586.10156	309.85	0	48.848949	-86.951990	56292.30	56244.2	5.83	56298.13	56301.48438	56300.61431	56293.03125	503522.2	5410665.5
L3530.0	503522.2	5410665.5	39586.19922	309.80	0	48.848949	-86.951990	56292.39	56244.2	5.83	56298.22	56301.59375	56299.16881	56291.57422	503522.2	5410665.5
L3530.0	503522.1	5410663.7	39586.30078	309.88	0	48.848933	-86.951991	56292.13	56244.2	5.84	56297.96	56301.35547	56298.25621	56290.65234	503522.1	5410663.7
L3530.0	503522.1	5410663.7	39586.39844	291.74	0	48.848933	-86.951991	56291.52	56244.2	5.84	56297.35	56300.76563	56296.87110	56289.25391	503522.1	5410663.7
L3530.0	503522.1	5410660.8	39586.50000	292.79	0	48.848907	-86.951992	56291.46	56244.2	5.84	56297.30	56300.73828	56296.07933	56288.45313	503522.1	5410660.8
L3530.0	503522.1	5410660.8	39586.60156	291.92	0	48.848907	-86.951992	56290.88	56244.2	5.84	56296.72	56300.17969	56295.63970	56288.00781	503522.1	5410660.8
L3530.0	503522.0	5410659.3	39586.69922	292.04	0	48.848894	-86.951992	56291.18	56244.2	5.84	56297.02	56300.50000	56294.86340	56287.22656	503522.0	5410659.3
L3530.0	503522.0	5410657.8	39586.80078	291.20	0	48.848879	-86.951993	56291.28	56244.2	5.85	56297.13	56300.62891	56294.48782	56286.84375	503522.0	5410657.8
L3530.0	503521.9	5410656.4	39586.89844	290.78	0	48.848867	-86.951994	56291.46	56244.2	5.85	56297.31	56300.82813	56294.21703	56286.57031	503521.9	5410656.4
L3530.0	503521.9	5410656.4	39587.00000	290.36	0	48.848867	-86.951994	56290.80	56244.2	5.85	56296.65	56300.18750	56293.55092	56285.90234	503521.9	5410656.4
L3530.0	503521.9	5410654.6	39587.10156	292.11	0	48.848851	-86.951994	56289.70	56244.1	5.85	56295.55	56299.10938	56292.76304	56285.11328	503521.9	5410654.6
L3530.0	503521.8	5410652.9	39587.19922	290.49	0	48.848835	-86.951995	56289.68	56244.1	5.85	56295.53	56299.10938	56292.66789	56285.01953	503521.8	5410652.9
L3530.0	503521.8	5410652.9	39587.30078	306.54	0	48.848835	-86.951995	56289.72	56244.1	5.86	56295.58	56299.17969	56292.70073	56285.05469	503521.8	5410652.9
L3530.0	503521.8	5410651.1	39587.39844	304.59	0	48.848819	-86.951996	56289.88	56244.1	5.86	56295.74	56299.35938	56292.89285	56285.24609	503521.8	5410651.1
L3530.0	503521.8	5410651.1	39587.50000	304.90	0	48.848819	-86.951996	56289.65	56244.1	5.86	56295.51	56299.14844	56292.94432	56285.30078	503521.8	5410651.1
L3530.0	503521.7	5410650.0	39587.60156	290.66	0	48.848809	-86.951996	56289.52	56244.1	5.86	56295.38	56299.03906	56293.13589	56285.50000	503521.7	5410650.0
L3530.0	503521.6	5410648.1	39587.69922	289.41	0	48.848793	-86.951997	56288.78	56244.1	5.86	56294.64	56298.31641	56293.26509	56285.63672	503521.6	5410648.1
L3530.0	503521.6	5410648.1	39587.80078	288.32	0	48.848793	-86.951997	56288.61	56244.1	5.87	56294.47	56298.16797	56293.33867	56285.71875	503521.6	5410648.1
L3530.0	503521.6	5410646.9	39587.89844	288.57	0	48.848782	-86.951998	56288.45	56244.1	5.87	56294.32	56298.03516	56293.58639	56285.97266	503521.6	5410646.9
L3530.0	503521.5	5410645.4	39588.00000	288.09	0	48.848768	-86.951999	56288.17	56244.1	5.87	56294.04	56297.77734	56293.83292	56286.23047	503521.5	5410645.4
L3530.0	503521.5	5410643.8	39588.10156	288.84	0	48.848754	-86.952000	56288.20	56244.1	5.87	56294.07	56297.82422	56294.91477	56287.32422	503521.5	5410643.8
L3530.0	503521.5	5410642.8	39588.19922	304.91	0	48.848745	-86.952000	56288.07	56244.1	5.87	56293.93	56297.70313	56291.36852	56283.78906	503521.5	5410642.8
L3530.0	503521.5	5410642.8	39588.30078	306.65	0	48.848745	-86.952000	56288.91	56244.1	5.86	56294.77	56298.56250	56300.72040	56293.15625	503521.5	5410642.8
L3530.0	503521.4	5410641.0	39588.39844	307.98	0	48.848728	-86.952000	56289.12	56244.1	5.86	56294.98	56298.79297	56304.83771	56297.28516	503521.4	5410641.0
L3530.0	503521.4	5410641.0	39588.50000	306.50	0	48.848728	-86.952000	56288.84	56244.1	5.86	56294.70	56298.53125	56306.02651	56298.49219	503521.4	5410641.0
L3530.0	503521.4	5410639.5	39588.60156	303.79	0	48.848715	-86.952000	56287.78	56244.1	5.86	56293.64	56297.48828	56298.21224	56290.69531	503521.4	5410639.5
L3530.0	503521.4	5410638.1	39588.69922	303.88	0	48.848703	-86.952000	56286.67	56244.1	5.86	56292.52	56296.38672	56286.81699	56279.31641	503521.4	5410638.1
L3530.0	503521.5	5410636.7	39588.80078	305.02	0	48.848690	-86.952000	56286.74	56244.1	5.85	56292.59	56296.47656	56288.43987	56280.96094	503521.5	5410636.7
L3530.0	503521.5	5410636.7	39588.89844	305.24	0	48.848690	-86.952000	56286.56	56244.1	5.85	56292.41	56296.31641	56286.87022	56279.41016	503521.5	5410636.7
L3530.0	503521.5	5410634.4	39589.00000	305.24	0	48.848669	-86.951999	56286.62	56244.2	5.85	56292.47	56296.39453	56288.65244	56281.21094	503521.5	5410634.4
L3530.0	503521.6	5410633.1	39589.10156	290.57	0	48.848657	-86.951999	56286.71	56244.1	5.85	56292.57	56296.51172	56291.17388	56283.75391	503521.6	5410633.1
L3530.0	503521.6	5410633.1	39589.19922	308.22	0	48.848657	-86.951999	56286.82	56244.1	5.85	56292.67	56296.63281	56293.78410	56286.39063	503521.6	5410633.1
L3530.0	503521.6	5410631.8	39589.30078	307.67	0	48.848646	-86.951998	56286.54	56244.1	5.85	56292.40	56296.37891	56290.85955	56283.48828	503521.6	5410631.8
L3530.0	503521.6	5410630.4	39589.39844	305.55	0	48.848633	-86.951998	56286.82	56244.1	5.85	56292.67	56296.66797	56296.03170	56288.68359	503521.6	5410630.4
L3530.0	503521.6	5410630.4	39589.50000	305.82	0	48.848633	-86.951998	56287.14	56244.1	5.85	56293.00	56297.01563	56301.78648	56294.46484	503521.6	5410630.4
L3530.0	503521.6	5410628.5	39589.60156	306.83	0	48.848616	-86.951998	56287.86	56244.1	5.86	56293.72	56297.75391	56312.13951	56304.84375	503521.6	5410628.5
L3530.0	503521.6	5410627.0	39589.69922	308.16	0	48.848603	-86.951998	56287.71	56244.1	5.86	56293.57	56297.62109	56310.22713	56302.96094	503521.6	5410627.0
L3530.0	503521.6	5410627.0	39589.80078	308.14	0	48.848603	-86.951998	56287.17	56244.1	5.86	56293.03	56297.10156	56303.96478	56296.72656	503521.6	5410627.0
L3530.0	503521.6	5410625.5	39589.89844	286.22	0	48.848589	-86.951998	56286.64	56244.1	5.86	56292.50	56296.58984	56298.78389	56291.57422	503521.6	5410625.5
L3530.0	503521.6	5410624.1	39590.00000	284.56	0	48.848576	-86.951999	56285.90	56244.1	5.86	56291.76	56295.86719	56292.90225	56285.72266	503521.6	5410624.1
L3530.0	503521.6	5410624.1	39590.10156	283.54	0	48.848576	-86.951999	56285.98	56244.1	5.86	56291.84	56295.96484	56294.34997	56287.19922	503521.6	5410624.1
L3530.0	503521.5	5410622.5	39590.19922	286.00	0	48.848563	-86.951999	56285.46	56244.1	5.86	56291.32	56295.46484	56288.17976	56281.06250	503521.5	5410622.5
L3530.0	503521.5	5410620.9	39590.30078	312.24	0	48.848548	-86.952000	56285.49	56244.1	5.86	56291.34	56295.50391	56294.76957	56287.68359	503521.5	5410620.9
L3530.0	503521.4	5410619.5	39590.39844	289.69	0	48.848535	-86.952001	56285.06	56244.1	5.86	56290.92	56295.10156	56290.54815	56283.49219	503521.4	5410619.5
L3530.0	503521.4	5410619.5	39590.50000	289.97	0	48.848535	-86.952001	56285.04	56244.1	5.85	56290.89	56295.08984	56290.67624	56283.65234	503521.4	5410619.5
L3530.0	503521.4	5410617.9	39590.60156	310.56	0	48.848521	-86.952002	56284.87	56244.1	5.85	56290.72	56294.93750	56289.82454	56282.83594	503521.4	5410617.9
L3530.0	503521.3	5410616.1	39590.69922	311.52	0	48.848504	-86.952002	56284.29	56244.1	5.85	56290.15	56294.38672	56288.89077	56281.93750	503521.3	5410616.1
L3530.0	503521.3	5410616.1	39590.80078	312.73	0	48.848504	-86.952002	56283.55	56244.1	5.85	56289.40	56293.65234	56288.35900	56281.44141	503521.3	5410616.1
L3530.0	503521.3	5410614.6	39590.89844	293.39	0	48.848492	-86.952003	56283.42	56244.1	5.85	56289.27	56293.54297	56287.17532	56280.28906	503521.3	5410614.6
L3530.0	503521.3	5410612.9	39591.00000	292.36	0	48.848476	-86.952003	56283.89	56244.2	5.85	56289.74	56294.03125	56287.00445	56280.15625	503521.3	5410612.9
L3530.0	503521.3	5410611.0	39591.10156	291.79	0	48.848459	-86.952003	56283.83	56244.2	5.85	56289.68	56293.98828	56286.48601	56279.67188	503521.3	5410611.0
L3530.0	503521.3	5410611.0	39591.19922	292.04	0	48.848459	-86.952003	56284.04	56244.2	5.85	56289.89	56294.21875	56286.14414	56279.36719	503521.3	5410611.0
L3530.0	503521.3	5410611.0	39591.30078	312.88	0	48.848459	-86.952003	56283.89	56244.2	5.85	56289.74	56294.08594	56285.62050	56278.87891	503521.3	5410611.0
L3530.0	503521.2	5410609.2	39591.39844	291.09	0	48.848442	-86.952003	56284.52	56244.2	5.85	56290.37	56294.73438	56285.49228	56278.78906	503521.2	5410609.2
L3530.0	503521.2	5410607.5	39591.50000	292.88	0	48.848427	-86.952003	56284.52	56244.2	5.85	56290.37	56294.75391	56285.05217	56278.38672	503521.2	5410607.5
L3530.0	503521.2	5410607.5	39591.60156	292.75	0	48.848427	-86.952003	56283.20	56244.2	5.85	56289.04	56293.44141	56284.07382	56277.44531	503521.2	5410607.5
L3530.0	503521.2	5410606.0	39591.69922	291.43	0	48.848414	-86.952003	56282.76	56244.2	5.85	56288.61	56293.03125	56283.51802	56276.92969	503521.2	5410606.0
L3530.0	503521.3	5410604.6	39591.80078	293.13	0	48.848401	-86.952003	56282.48	56244.2	5.85	56288.33	56292.76953	56283.03152	56276.48047	503521.3	5410604.6
L3530.0	503521.3	5410602.9	39591.89844	290.94	0	48.848386	-86.952003	56282.27	56244.2	5.85	56288.12	56292.57813	56282.57573	56276.06250	503521.3	5410602.9
L3530.0	503521.3	5410602.9	39592.00000	291.67	0	48.848386	-86.952003	56282.13	56244.2	5.85	56287.97	56292.44922	56282.13494	56275.66016	503521.3	5410602.9
L3530.0	503521.3	5410601.4	39592.10156	292.79	0	48.848373	-86.952003	56282.00	56244.2	5.85	56287.85	56292.34766	56281.69561	56275.26172	503521.3	5410601.4
L3530.0	503521.3	5410599.6	39592.19922	294.48	0	48.848357	-86.952002	56281.89	56244.2	5.85	56287.74	56292.25781	56281.24872	56274.85156	503521.3	5410599.6
L3530.0	503521.3	5410598.0	39592.30078	293.26	0	48.848342	-86.952002	56281.48	56244.2	5.85	56287.33	56291.86719	56280.72263	56274.36719	503521.3	5410598.0
L3530.0	503521.3	5410598.0	39592.39844	291.58	0	48.848342	-86.952002	56281.13	56244.2	5.85	56286.97	56291.52734	56280.20722	56273.89063	503521.3	5410598.0
L3530.0	503521.4	5410596.6	39592.50000	292.45	0	48.848329	-86.952001	56280.92	56244.2	5.85	56286.76	56291.33594	56279.71404	56273.43750	503521.4	5410596.6
L3530.0	503521.4	5410596.6	39592.60156	292.10	0	48.848329	-86.952001	56280.83	56244.2	5.84	56286.67	56291.26563	56279.22588	56272.98828	503521.4	5410596.6
L3530.0	503521.4	5410594.6	39592.69922	290.94	0	48.848312	-86.952001	56280.62	56244.2	5.84	56286.46	56291.07422	56278.70460	56272.50391	503521.4	5410594.6
L3530.0	503521.5	5410593.0	39592.80078	290.20	0	48.848297	-86.952000	56280.66	56244.2	5.84	56286.51	56291.14453	56278.19419	56272.03516	503521.5	5410593.0
L3530.0	503521.5	5410593.0	39592.89844	288.04	0	48.848297	-86.952000	56280.34	56244.2	5.84	56286.18	56290.83594	56277.63911	56271.51953	503521.5	5410593.0
L3530.0	503521.6	5410591.1	39593.00000	288.17	0	48.848280	-86.951999	56280.11	56244.2	5.84	56285.95	56290.62500	56277.08870	56271.00781	503521.6	5410591.1
L3530.0	503521.6	5410589.7	39593.10156	287.70	0	48.848267	-86.951999	56279.85	56244.2	5.84	56285.69	56290.38672	56276.53794	56270.49609	503521.6	5410589.7
L3530.0	503521.6	5410588.5	39593.19922	289.22	0	48.848256	-86.951998	56279.29	56244.2	5.84	56285.12	56289.83594	56275.99936	56269.99609	503521.6	5410588.5
L3530.0	503521.6	5410588.5	39593.30078	288.73	0	48.848256	-86.951998	56278.75	56244.2	5.83	56284.58	56289.31641	56275.48068	56269.51953	503521.6	5410588.5
L3530.0	503521.7	5410586.6	39593.39844	289.17	0	48.848239	-86.951997	56278.78	56244.2	5.83	56284.61	56289.36719	56274.94540	56269.02344	503521.7	5410586.6
L3530.0	503521.8	5410585.1	39593.50000	288.09	0	48.848226	-86.951996	56278.42	56244.2	5.83	56284.25	56289.02734	56274.44417	56268.55859	503521.8	5410585.1
L3530.0	503521.8	5410585.1	39593.60156	287.47	0	48.848226	-86.951996	56277.42	56244.2	5.83	56283.25	56288.05078	56274.02964	56268.18359	503521.8	5410585.1

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L3530.0	503521.8	5410583.5	39593.69922	289.48	0	48.848211	-86.951995	56276.05	56244.2	5.83	56281.88	56286.69922	56273.70253	56267.89453	503521.8	5410583.5
L3530.0	503521.9	5410581.6	39593.80078	288.34	0	48.848194	-86.951994	56275.56	56244.2	5.82	56281.38	56286.22266	56273.31327	56267.54297	503521.9	5410581.6
L3530.0	503521.9	5410581.6	39593.89844	289.64	0	48.848194	-86.951994	56276.00	56244.2	5.82	56281.82	56286.68359	56272.82303	56267.09375	503521.9	5410581.6
L3530.0	503522.0	5410580.0	39594.00000	288.79	0	48.848180	-86.951993	56276.69	56244.2	5.82	56282.51	56287.39453	56272.31080	56266.61719	503522.0	5410580.0
L3530.0	503522.1	5410578.1	39594.10156	288.80	0	48.848163	-86.951992	56276.78	56244.2	5.82	56282.60	56287.50781	56271.89989	56266.24219	503522.1	5410578.1
L3530.0	503522.1	5410578.1	39594.19922	288.24	0	48.848163	-86.951992	56276.66	56244.2	5.82	56282.48	56287.41016	56271.53979	56265.92188	503522.1	5410578.1
L3530.0	503522.1	5410576.6	39594.30078	287.68	0	48.848150	-86.951991	56276.10	56244.2	5.82	56281.92	56286.87109	56271.26154	56265.67969	503522.1	5410576.6
L3530.0	503522.1	5410576.6	39594.39844	289.62	0	48.848150	-86.951991	56275.25	56244.2	5.82	56281.07	56286.04297	56271.03791	56265.49219	503522.1	5410576.6
L3530.0	503522.2	5410575.0	39594.50000	288.27	0	48.848135	-86.951991	56274.72	56244.2	5.82	56280.54	56285.53516	56270.78320	56265.27344	503522.2	5410575.0
L3530.0	503522.3	5410573.3	39594.60156	288.65	0	48.848120	-86.951990	56274.23	56244.2	5.82	56280.05	56285.06641	56270.53494	56265.06250	503522.3	5410573.3
L3530.0	503522.3	5410571.9	39594.69922	289.07	0	48.848107	-86.951989	56274.08	56244.2	5.82	56279.90	56284.94141	56270.26065	56264.82422	503522.3	5410571.9
L3530.0	503522.3	5410571.9	39594.80078	290.56	0	48.848107	-86.951989	56273.90	56244.2	5.82	56279.72	56284.78125	56270.00560	56264.60547	503522.3	5410571.9
L3530.0	503522.4	5410570.2	39594.89844	290.45	0	48.848092	-86.951988	56274.11	56244.2	5.82	56279.93	56285.01563	56269.73526	56264.37109	503522.4	5410570.2
L3530.0	503522.4	5410570.2	39595.00000	289.34	0	48.848092	-86.951988	56274.11	56244.2	5.82	56279.93	56285.03906	56269.50397	56264.17188	503522.4	5410570.2
L3530.0	503522.4	5410568.6	39595.10156	290.25	0	48.848077	-86.951987	56273.39	56244.2	5.82	56279.21	56284.33984	56269.32342	56264.02734	503522.4	5410568.6
L3530.0	503522.5	5410567.0	39595.19922	286.95	0	48.848063	-86.951987	56272.40	56244.2	5.82	56278.22	56283.37500	56269.14317	56263.87891	503522.5	5410567.0
L3530.0	503522.5	5410565.6	39595.30078	286.87	0	48.848051	-86.951986	56271.25	56244.2	5.82	56277.07	56282.24609	56268.94584	56263.71484	503522.5	5410565.6
L3530.0	503522.6	5410564.3	39595.39844	288.04	0	48.848039	-86.951985	56271.12	56244.2	5.82	56276.93	56282.13281	56268.74104	56263.54297	503522.6	5410564.3
L3530.0	503522.6	5410564.3	39595.50000	288.48	0	48.848039	-86.951985	56270.89	56244.2	5.82	56276.71	56281.93359	56268.54619	56263.38281	503522.6	5410564.3
L3530.0	503522.6	5410563.2	39595.60156	289.64	0	48.848028	-86.951985	56270.87	56244.2	5.81	56276.68	56281.92969	56268.37095	56263.23828	503522.6	5410563.2
L3530.0	503522.7	5410561.2	39595.69922	289.45	0	48.848011	-86.951984	56271.18	56244.2	5.81	56276.99	56282.26172	56268.23829	56263.13672	503522.7	5410561.2
L3530.0	503522.7	5410561.2	39595.80078	290.68	0	48.848011	-86.951984	56271.27	56244.2	5.81	56277.08	56282.37500	56268.10907	56263.03906	503522.7	5410561.2
L3530.0	503522.7	5410559.4	39595.89844	290.96	0	48.847995	-86.951983	56271.07	56244.2	5.81	56276.88	56282.19922	56267.95554	56262.91797	503522.7	5410559.4
L3530.0	503522.8	5410557.9	39596.00000	291.86	0	48.847981	-86.951983	56270.30	56244.2	5.81	56276.11	56281.45313	56267.71268	56262.70313	503522.8	5410557.9
L3530.0	503522.8	5410557.9	39596.10156	291.25	0	48.847981	-86.951983	56269.23	56244.2	5.81	56275.04	56280.40625	56267.38826	56262.41016	503522.8	5410557.9
L3530.0	503522.8	5410556.0	39596.19922	292.74	0	48.847964	-86.951983	56268.19	56244.2	5.81	56274.00	56279.39063	56267.02660	56262.07813	503522.8	5410556.0
L3530.0	503522.8	5410554.8	39596.30078	293.94	0	48.847953	-86.951983	56268.12	56244.2	5.81	56273.93	56279.34375	56266.82470	56261.90625	503522.8	5410554.8
L3530.0	503522.8	5410554.8	39596.39844	292.05	0	48.847953	-86.951983	56267.70	56244.2	5.81	56273.51	56278.94922	56266.53440	56261.64453	503522.8	5410554.8
L3530.0	503522.8	5410553.0	39596.50000	292.16	0	48.847937	-86.951982	56267.44	56244.2	5.81	56273.25	56278.71484	56266.25731	56261.39453	503522.8	5410553.0
L3530.0	503522.9	5410551.5	39596.60156	292.14	0	48.847924	-86.951982	56267.02	56244.2	5.81	56272.83	56278.31641	56265.91783	56261.08203	503522.9	5410551.5
L3530.0	503522.9	5410551.5	39596.69922	292.05	0	48.847924	-86.951982	56266.78	56244.2	5.81	56272.59	56278.10156	56265.59581	56260.78516	503522.9	5410551.5
L3530.0	503522.9	5410549.5	39596.80078	292.79	0	48.847905	-86.951981	56266.35	56244.2	5.81	56272.16	56277.69531	56265.19757	56260.41406	503522.9	5410549.5
L3530.0	503523.0	5410548.2	39596.89844	294.39	0	48.847894	-86.951980	56265.76	56244.2	5.81	56271.57	56277.12891	56264.72785	56259.97266	503523.0	5410548.2
L3530.0	503523.0	5410546.6	39597.00000	293.15	0	48.847879	-86.951980	56265.13	56244.2	5.81	56270.94	56276.52344	56264.21760	56259.48438	503523.0	5410546.6
L3530.0	503523.0	5410546.6	39597.10156	292.43	0	48.847879	-86.951980	56264.95	56244.2	5.81	56270.75	56276.35938	56263.78866	56259.08203	503523.0	5410546.6
L3530.0	503523.0	5410545.4	39597.19922	293.12	0	48.847869	-86.951980	56265.48	56244.2	5.81	56271.29	56276.92188	56263.50284	56258.82031	503523.0	5410545.4
L3530.0	503523.0	5410545.4	39597.30078	291.76	0	48.847869	-86.951980	56264.89	56244.2	5.81	56270.69	56276.34375	56262.90052	56258.24219	503523.0	5410545.4
L3530.0	503523.0	5410543.8	39597.39844	292.78	0	48.847854	-86.951979	56264.80	56244.2	5.81	56270.60	56276.27734	56262.38130	56257.74609	503523.0	5410543.8
L3530.0	503523.1	5410542.2	39597.50000	290.68	0	48.847840	-86.951979	56263.67	56244.2	5.81	56269.47	56275.17188	56261.60648	56256.99609	503523.1	5410542.2
L3530.0	503523.1	5410540.8	39597.60156	291.57	0	48.847827	-86.951979	56262.50	56244.2	5.80	56268.30	56274.02734	56260.81769	56256.22656	503523.1	5410540.8
L3530.0	503523.1	5410540.8	39597.69922	291.64	0	48.847827	-86.951979	56261.98	56244.2	5.80	56267.79	56273.53906	56260.14334	56255.57422	503523.1	5410540.8
L3530.0	503523.1	5410539.3	39597.80078	291.92	0	48.847814	-86.951979	56262.13	56244.2	5.80	56267.94	56273.71094	56259.55020	56255.00391	503523.1	5410539.3
L3530.0	503523.1	5410537.7	39597.89844	292.14	0	48.847799	-86.951978	56262.04	56244.2	5.80	56267.84	56273.63672	56258.88080	56254.35547	503523.1	5410537.7
L3530.0	503523.1	5410537.7	39598.00000	290.17	0	48.847799	-86.951978	56261.40	56244.2	5.80	56267.20	56273.01953	56258.12175	56253.61719	503523.1	5410537.7
L3530.0	503523.1	5410535.8	39598.10156	288.94	0	48.847782	-86.951978	56260.84	56244.2	5.80	56266.64	56272.48047	56257.36690	56252.87891	503523.1	5410535.8
L3530.0	503523.1	5410534.6	39598.19922	287.29	0	48.847772	-86.951978	56259.94	56244.2	5.80	56265.74	56271.60156	56256.58785	56252.12109	503523.1	5410534.6
L3530.0	503523.1	5410532.9	39598.30078	288.40	0	48.847756	-86.951979	56258.41	56244.2	5.80	56264.21	56270.09375	56255.79660	56251.34766	503523.1	5410532.9
L3530.0	503523.1	5410532.9	39598.39844	287.90	0	48.847756	-86.951979	56257.04	56244.2	5.80	56262.84	56268.74609	56255.05496	56250.62500	503523.1	5410532.9
L3530.0	503523.1	5410531.5	39598.50000	288.16	0	48.847744	-86.951979	56256.81	56244.2	5.80	56262.61	56268.53906	56254.36552	56249.95313	503523.1	5410531.5
L3530.0	503523.1	5410530.0	39598.60156	291.25	0	48.847730	-86.951979	56256.93	56244.2	5.80	56262.73	56268.67969	56253.67561	56249.28125	503523.1	5410530.0
L3530.0	503523.1	5410529.0	39598.69922	290.82	0	48.847721	-86.951979	56256.78	56244.2	5.80	56262.58	56268.55078	56252.98355	56248.60547	503523.1	5410529.0
L3530.0	503523.0	5410527.7	39598.80078	291.05	0	48.847709	-86.951979	56256.44	56244.2	5.80	56262.24	56268.23047	56252.30017	56247.93750	503523.0	5410527.7
L3530.0	503523.0	5410527.7	39598.89844	288.32	0	48.847709	-86.951979	56255.64	56244.2	5.80	56261.44	56267.44922	56251.64302	56247.29688	503523.0	5410527.7
L3530.0	503523.0	5410526.1	39598.89844	288.32	0	48.847695	-86.951980	56254.91	56244.2	5.80	56260.71	56266.74219	56251.00216	56246.67188	503523.0	5410526.1
L3530.0	503523.0	5410524.5	39599.10156	286.73	0	48.847681	-86.951980	56253.95	56244.2	5.80	56259.75	56265.80078	56250.39444	56246.07813	503523.0	5410524.5
L3530.0	503523.0	5410524.5	39599.19922	288.19	0	48.847681	-86.951980	56253.61	56244.2	5.80	56259.41	56265.48047	56249.77316	56245.47266	503523.0	5410524.5
L3530.0	503523.0	5410522.7	39599.30078	289.25	0	48.847664	-86.951980	56253.21	56244.2	5.80	56259.01	56265.09766	56249.17604	56244.89063	503523.0	5410522.7
L3530.0	503523.0	5410521.4	39599.39844	288.94	0	48.847653	-86.951980	56252.72	56244.2	5.80	56258.52	56264.62500	56248.60877	56244.33594	503523.0	5410521.4
L3530.0	503523.0	5410520.2	39599.50000	291.35	0	48.847642	-86.951980	56252.50	56244.2	5.81	56258.30	56264.42578	56248.05823	56243.79688	503523.0	5410520.2
L3530.0	503523.0	5410520.2	39599.60156	289.96	0	48.847642	-86.951980	56252.18	56244.2	5.81	56257.99	56264.13281	56247.55909	56243.31250	503523.0	5410520.2
L3530.0	503523.0	5410519.1	39599.69922	290.68	0	48.847632	-86.951981	56251.32	56244.2	5.81	56257.13	56263.28906	56247.12547	56242.89063	503523.0	5410519.1
L3530.0	503522.9	5410517.4	39599.80078	289.50	0	48.847617	-86.951981	56249.89	56244.2	5.81	56255.70	56261.87500	56246.72389	56242.50000	503522.9	5410517.4
L3530.0	503522.9	5410515.4	39599.89844	288.18	0	48.847599	-86.951981	56248.92	56244.2	5.81	56254.73	56260.91797	56246.32225	56242.10938	503522.9	5410515.4
L3530.0	503522.9	5410515.4	39600.00000	288.67	0	48.847599	-86.951981	56248.62	56244.2	5.81	56254.43	56260.63281	56245.95147	56241.75000	503522.9	5410515.4
L3530.0	503522.9	5410514.1	39600.10156	289.94	0	48.847587	-86.951982	56248.32	56244.2	5.81	56254.13	56260.34766	56245.61202	56241.42188	503522.9	5410514.1
L3530.0	503522.9	5410514.1	39600.19922	291.36	0	48.847587	-86.951982	56248.08	56244.2	5.81	56253.88	56260.11328	56245.30236	56241.12109	503522.9	5410514.1
L3530.0	503522.8	5410511.1	39600.30078	289.31	0	48.847560	-86.951983	56247.67	56244.2	5.80	56253.48	56259.72656	56244.99425	56240.82422	503522.8	5410511.1
L3530.0	503522.8	5410511.1	39600.39844	289.69	0	48.847560	-86.951983	56246.16	56244.2	5.80	56251.96	56258.21875	56244.51430	56240.35156	503522.8	5410511.1
L3530.0	503522.8	5410509.6	39600.50000	289.87	0	48.847547	-86.951983	56245.20	56244.2	5.80	56250.99	56257.25781	56244.07177	56239.91797	503522.8	5410509.6
L3530.0	503522.8	5410509.6	39600.60156	289.45	0	48.847547	-86.951983	56244.45	56244.2	5.80	56250.24	56256.51953	56243.63802	56239.49609	503522.8	5410509.6
L3530.0	503522.7	5410507.8	39600.69922	291.62	0	48.847531	-86.951984	56244.05	56244.2	5.80	56249.85	56256.14063	56243.25741	56239.12109	503522.7	5410507.8
L3530.0	503522.7	5410506.6	39600.80078	291.19	0	48.847520	-86.951984	56243.51	56244.2	5.79	56249.30	56255.60156	56242.81511	56238.68750	503522.7	5410506.6
L3530.0	503522.6	5410505.1	39600.89844	293.44	0	48.847506	-86.951985	56243.58	56244.2	5.79	56249.37	56255.67969	56242.50303	56238.38281	503522.6	5410505.1
L3530.0	503522.6	5410505.1	39601.00000	295.12	0	48.847506	-86.951985	56244.13	56244.2	5.79	56249.92	56256.23828	56242.29847	56238.18359	503522.6	5410505.1
L3530.0	503522.6	5410503.3	39601.10156	295.46	0	48.847490	-86.951986	56243.51	56244.2	5.79	56249.30	56255.62500	56241.73035	56237.62500	503522.6	5410503.3
L3530.0	503522.5	5410501.5	39601.19922	295.16	0	48.847474	-86.951987	56242.54	56244.2	5.79	56248.33	56254.66016	56241.00933	56236.90625	503522.5	5410501.5
L3530.0	503522.5	5410501.5	39601.30078	294.76	0	48.847474	-86.951987	56241.03	56244.2	5.79	56246.81	56253.14453	56240.08474	56235.98828	503522.5	5410501.5
L3530.0	503522.5	5410500.3	39601.39844	293.40	0	48.847463	-86.951988	56240.29	56244.2	5.79	56246.08	56252.42188	56239.34263	56235.25391	503522.5	5410500.3
L3530.0	503522.5	5410500.3	39601.50000	292.18	0	48.847463	-86.951988	56239.20	56244.2	5.79	56244.98	56251.32422	56238.46470	56234.37891	503522.5	5410500.3
L3530.0	503522.4	5410498.6	39601.60156	293.50	0	48.847448	-86.951988	56239.06	56244.2	5.78	56244.84	56251.18750	56237.80292	56233.72266	503522.4	5410498.6
L3530.0	503522.4	5410497.2	39601.69922	291.50	0	48.847435	-86.951989	56238.46	56244.2	5.78	56244.24	56250.58984	56236.98315	56232.90625	503522.4	5410497.2
L3530.0	503522.3	5410495.4	39601.80078	291.31	0	48.847419	-86.951989	56237.87	56244.2	5.78	56243.65	56250.00000	56236.12967	56232.05859	503522.3	5410495.4
L3530.0	503522.3	5410495.4	39601.89844	290.88	0	48.847419	-86.951989	56237.28	56244.2	5.78	56243.06	56249.41016	56235.24127	56231.17188	503522.3	5410495.4
L3530.0	503522.3	5410494.0	39602.00000	291.36	0	48.847406	-86.951990	56236.37	56244.2	5.78	56242.15	56248.49609	56234.27079	56230.20703	503522.3	5410494.0
L3530.0	503522.3	5410494.0	39602.10156	290.74	0	48.847406	-86.951990	56235.34	56244.2	5.78	56241.12	56247.46484	56233.27798	56229.21875	503522.3	5410494.0
L3530.0	503522.3	5410492.1	39602.19922	291.08	0	48.847390	-86.951990	56234.63	56244.2	5.79	56240.42	56246.76172	56232.33202	56228.27344	503522.3	5410492.1
L3530.0	503522.2	5410490.7	39602.30078	286.81	0	48.847376	-86.951991	56234.45	56244.2	5.79	56240.23	56246.56641	56231.43048	56227.37500	503522.2	5410490.7
L3530.0	503522.2	5410489.2	39602.39844	287.75	0	48.847363	-86.951991	56233.48	56244.2	5.79	56239.27	56245.60156	56230.45932	56226.40625	503522.2	5410489.2
L3530.0	503522.2	5410489.2	39602.50000	289.55	0	48.847363	-86.951991	56232.84	56244.2	5.79	56238.63	56244.95703	56229.53183	56225.48047	503522.2	5410489.2
L3530.0	503522.2	5410487.6	39602.60156	288.15	0	48.847348	-86.951992	56232.18	56244.2	5.80	56237.98	56244.29688	56228.63362	56224.58594	503522.2	5410487.6
L3530.0	503522.1	5410485.9	39602.69922	288.24	0	48.847333	-86.951993	56231.97	56244.2	5.80	56237.77	56244.07813	56227.77833	56223.73047	503522.1	5410485.9
L3530.0	503522.1	5410485.9	39602.80078	288.02	0	48.847333	-86.951993	56231.52	56244.2	5.80	56237.32	56243.61719	56226.95164	56222.90625	503522.1	5410485.9
L3530.0	503522.1	5410484.6	39602.89844	289.02	0	48.847322	-86.951993	56229.80	56244.2	5.81	56235.60	56241.88672	56226.15450	56222.11328	503522.1	5410484.6

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L3530.0	503522.0	5410483.3	39603.00000	289.52	0	48.847310	-86.951994	56228.66	56244.2	5.81	56234.47	56240.74609	56225.39746	56221.35547	503522.0	5410483.3
L3530.0	503522.0	5410483.3	39603.10156	289.84	0	48.847310	-86.951994	56227.36	56244.2	5.81	56233.17	56239.43359	56224.66501	56220.62500	503522.0	5410483.3
L3530.0	503522.0	5410480.2	39603.19922	290.16	0	48.847282	-86.951994	56226.91	56244.2	5.81	56232.72	56238.96875	56223.97108	56219.93359	503522.0	5410480.2
L3530.0	503522.0	5410480.2	39603.30078	291.04	0	48.847282	-86.951994	56226.13	56244.2	5.81	56231.94	56238.17188	56223.29639	56219.25781	503522.0	5410480.2
L3530.0	503521.9	5410478.8	39603.39844	292.49	0	48.847270	-86.951995	56225.62	56244.2	5.81	56231.43	56237.64453	56222.65629	56218.62109	503521.9	5410478.8
L3530.0	503521.9	5410478.8	39603.50000	291.12	0	48.847270	-86.951995	56224.78	56244.2	5.81	56230.59	56236.78516	56222.01798	56217.98047	503521.9	5410478.8
L3530.0	503521.9	5410476.4	39603.60156	292.47	0	48.847248	-86.951995	56224.29	56244.2	5.81	56230.10	56236.27734	56221.42222	56217.38672	503521.9	5410476.4
L3530.0	503521.9	5410475.2	39603.69922	291.55	0	48.847237	-86.951995	56223.63	56244.2	5.81	56229.43	56235.58594	56220.82245	56216.78906	503521.9	5410475.2
L3530.0	503521.9	5410475.2	39603.80078	290.53	0	48.847237	-86.951995	56222.91	56244.2	5.81	56228.72	56234.85156	56220.21567	56216.17969	503521.9	5410475.2
L3530.0	503521.9	5410473.5	39603.89844	291.44	0	48.847222	-86.951995	56222.36	56244.2	5.81	56228.17	56234.27734	56219.62176	56215.58984	503521.9	5410473.5
L3530.0	503521.9	5410473.5	39604.00000	289.21	0	48.847222	-86.951995	56220.72	56244.2	5.81	56226.53	56232.61328	56218.82269	56214.78906	503521.9	5410473.5
L3530.0	503521.9	5410471.8	39604.10156	290.41	0	48.847206	-86.951995	56219.77	56244.2	5.81	56225.58	56231.63672	56218.08965	56214.05859	503521.9	5410471.8
L3530.0	503522.0	5410470.3	39604.19922	288.25	0	48.847193	-86.951995	56218.61	56244.2	5.80	56224.41	56230.43750	56217.26835	56213.23828	503522.0	5410470.3
L3530.0	503522.0	5410470.3	39604.30078	290.61	0	48.847193	-86.951995	56217.73	56244.2	5.80	56223.53	56229.53125	56216.45783	56212.42578	503522.0	5410470.3
L3530.0	503522.0	5410468.7	39604.39844	290.44	0	48.847178	-86.951994	56216.96	56244.2	5.80	56222.76	56228.73047	56215.62589	56211.59375	503522.0	5410468.7
L3530.0	503522.0	5410468.7	39604.50000	291.67	0	48.847178	-86.951994	56216.20	56244.2	5.79	56221.99	56227.92578	56214.74697	56210.71484	503522.0	5410468.7
L3530.0	503522.0	5410466.8	39604.60156	295.01	0	48.847161	-86.951994	56215.77	56244.2	5.79	56221.57	56227.47266	56213.88774	56209.85938	503522.0	5410466.8
L3530.0	503522.0	5410465.2	39604.69922	294.10	0	48.847147	-86.951994	56214.72	56244.2	5.79	56220.51	56226.37891	56212.84793	56208.82031	503522.0	5410465.2
L3530.0	503522.0	5410463.8	39604.80078	292.84	0	48.847135	-86.951994	56213.58	56244.2	5.79	56219.36	56225.19141	56211.74836	56207.71875	503522.0	5410463.8
L3530.0	503522.0	5410463.8	39604.89844	291.95	0	48.847135	-86.951994	56212.27	56244.2	5.78	56218.05	56223.84375	56210.58754	56206.55859	503522.0	5410463.8
L3530.0	503522.0	5410461.9	39605.00000	292.88	0	48.847117	-86.951994	56211.28	56244.2	5.78	56217.06	56222.81641	56209.44656	56205.42188	503522.0	5410461.9
L3530.0	503522.0	5410460.2	39605.10156	291.78	0	48.847103	-86.951994	56210.41	56244.2	5.79	56216.20	56221.91797	56208.28771	56204.26172	503522.0	5410460.2
L3530.0	503522.0	5410460.2	39605.19922	291.47	0	48.847103	-86.951994	56209.28	56244.2	5.79	56215.07	56220.74219	56207.07233	56203.04688	503522.0	5410460.2
L3530.0	503522.0	5410459.0	39605.30078	291.33	0	48.847091	-86.951994	56208.57	56244.2	5.80	56214.37	56220.00000	56205.86379	56201.83984	503522.0	5410459.0
L3530.0	503522.0	5410457.4	39605.39844	291.51	0	48.847077	-86.951994	56207.63	56244.2	5.80	56213.44	56219.02734	56204.61748	56200.59766	503522.0	5410457.4
L3530.0	503522.0	5410457.4	39605.50000	292.94	0	48.847077	-86.951994	56206.70	56244.2	5.81	56212.51	56218.05078	56203.35469	56199.33594	503522.0	5410457.4
L3530.0	503522.1	5410455.8	39605.60156	291.13	0	48.847062	-86.951993	56205.36	56244.2	5.82	56211.17	56216.66406	56202.10007	56198.08203	503522.1	5410455.8
L3530.0	503522.1	5410454.4	39605.69922	288.02	0	48.847050	-86.951993	56204.25	56244.2	5.82	56210.08	56215.52344	56200.84406	56196.82813	503522.1	5410454.4
L3530.0	503522.1	5410453.0	39605.80078	286.32	0	48.847037	-86.951993	56203.01	56244.2	5.83	56208.84	56214.23438	56199.61204	56195.59766	503522.1	5410453.0
L3530.0	503522.1	5410453.0	39605.89844	285.83	0	48.847037	-86.951993	56202.02	56244.2	5.83	56207.85	56213.19141	56198.36329	56194.35156	503522.1	5410453.0
L3530.0	503522.1	5410451.9	39606.00000	285.95	0	48.847027	-86.951992	56201.29	56244.2	5.84	56207.13	56212.41797	56197.07559	56193.06641	503522.1	5410451.9
L3530.0	503522.2	5410450.3	39606.10156	287.03	0	48.847013	-86.951992	56200.13	56244.2	5.84	56205.96	56211.19141	56195.87379	56191.86719	503522.2	5410450.3
L3530.0	503522.2	5410450.3	39606.19922	286.44	0	48.847013	-86.951992	56199.36	56244.2	5.83	56205.19	56210.36719	56194.60700	56190.60547	503522.2	5410450.3
L3530.0	503522.2	5410448.4	39606.30078	285.06	0	48.846996	-86.951991	56198.28	56244.2	5.83	56204.11	56209.23047	56193.42431	56189.42578	503522.2	5410448.4
L3530.0	503522.3	5410446.7	39606.39844	287.38	0	48.846981	-86.951991	56197.16	56244.2	5.83	56202.99	56208.05078	56192.27623	56188.28125	503522.3	5410446.7
L3530.0	503522.3	5410445.6	39606.50000	287.41	0	48.846971	-86.951991	56195.94	56244.2	5.82	56201.77	56206.76953	56191.18201	56187.19141	503522.3	5410445.6
L3530.0	503522.3	5410445.6	39606.60156	286.95	0	48.846971	-86.951991	56195.02	56244.2	5.82	56200.84	56205.77734	56190.03967	56186.05469	503522.3	5410445.6
L3530.0	503522.3	5410443.7	39606.69922	286.34	0	48.846954	-86.951990	56193.97	56244.2	5.82	56199.79	56204.66406	56188.95740	56184.97656	503522.3	5410443.7
L3530.0	503522.3	5410442.0	39606.80078	288.13	0	48.846938	-86.951990	56192.77	56244.2	5.82	56198.58	56203.39063	56187.94453	56183.96875	503522.3	5410442.0
L3530.0	503522.3	5410442.0	39606.89844	288.42	0	48.846938	-86.951990	56191.66	56244.2	5.81	56197.48	56202.22266	56186.92505	56182.95313	503522.3	5410442.0
L3530.0	503522.3	5410440.4	39607.00000	287.48	0	48.846924	-86.951990	56190.57	56244.2	5.81	56196.38	56201.05469	56185.92506	56181.95703	503522.3	5410440.4
L3530.0	503522.3	5410438.9	39607.10156	287.98	0	48.846910	-86.951990	56189.18	56244.2	5.81	56194.99	56199.59766	56185.00993	56181.05078	503522.3	5410438.9
L3530.0	503522.3	5410438.9	39607.19922	286.46	0	48.846910	-86.951990	56187.65	56244.2	5.81	56193.46	56197.99609	56184.13019	56180.17578	503522.3	5410438.9
L3530.0	503522.4	5410437.2	39607.30078	288.42	0	48.846896	-86.951990	56186.19	56244.2	5.82	56192.00	56196.46484	56183.23144	56179.28516	503522.4	5410437.2
L3530.0	503522.4	5410437.2	39607.39844	288.11	0	48.846896	-86.951990	56184.84	56244.2	5.82	56190.66	56195.05078	56182.30571	56178.36328	503522.4	5410437.2
L3530.0	503522.4	5410435.7	39607.50000	288.43	0	48.846882	-86.951989	56183.86	56244.2	5.82	56189.68	56193.99609	56181.32041	56177.38672	503522.4	5410435.7
L3530.0	503522.4	5410434.3	39607.60156	290.37	0	48.846869	-86.951989	56182.92	56244.2	5.82	56188.74	56192.98047	56180.33972	56176.41406	503522.4	5410434.3
L3530.0	503522.4	5410434.3	39607.69922	290.45	0	48.846869	-86.951989	56181.78	56244.2	5.82	56187.60	56191.76563	56179.38981	56175.47266	503522.4	5410434.3
L3530.0	503522.4	5410432.5	39607.80078	292.27	0	48.846853	-86.951989	56180.85	56244.2	5.83	56186.68	56190.76563	56178.41808	56174.50781	503522.4	5410432.5
L3530.0	503522.4	5410431.0	39607.89844	288.58	0	48.846840	-86.951989	56179.56	56244.2	5.83	56185.39	56189.39844	56177.46996	56173.57031	503522.4	5410431.0
L3530.0	503522.4	5410429.9	39608.00000	287.61	0	48.846829	-86.951989	56178.14	56244.2	5.83	56183.97	56187.89453	56176.50821	56172.61719	503522.4	5410429.9
L3530.0	503522.4	5410429.9	39608.10156	289.96	0	48.846829	-86.951989	56176.88	56244.2	5.83	56182.70	56186.54297	56175.52095	56171.64063	503522.4	5410429.9
L3530.0	503522.4	5410428.4	39608.19922	288.65	0	48.846816	-86.951989	56175.39	56244.2	5.83	56181.21	56184.96875	56174.51060	56170.64063	503522.4	5410428.4
L3530.0	503522.4	5410426.7	39608.30078	290.30	0	48.846801	-86.951989	56174.42	56244.2	5.82	56180.25	56183.92578	56173.49384	56169.63672	503522.4	5410426.7
L3530.0	503522.4	5410424.9	39608.39844	290.69	0	48.846785	-86.951989	56173.28	56244.2	5.82	56179.10	56182.68750	56172.46032	56168.61328	503522.4	5410424.9
L3530.0	503522.4	5410424.9	39608.50000	292.42	0	48.846785	-86.951989	56172.13	56244.2	5.82	56177.95	56181.45313	56171.41131	56167.57422	503522.4	5410424.9
L3530.0	503522.4	5410423.7	39608.60156	290.35	0	48.846773	-86.951989	56170.60	56244.2	5.82	56176.42	56179.83594	56170.30620	56166.48438	503522.4	5410423.7
L3530.0	503522.4	5410422.2	39608.69922	291.30	0	48.846761	-86.951990	56169.37	56244.2	5.82	56175.18	56178.50391	56169.20423	56165.39453	503522.4	5410422.2
L3530.0	503522.3	5410420.4	39608.80078	292.32	0	48.846745	-86.951990	56168.20	56244.2	5.81	56174.01	56177.24219	56168.08918	56164.29297	503522.3	5410420.4
L3530.0	503522.3	5410420.4	39608.89844	292.21	0	48.846745	-86.951990	56166.83	56244.2	5.81	56172.64	56175.78125	56166.92333	56163.14063	503522.3	5410420.4
L3530.0	503522.3	5410418.8	39608.89844	292.21	0	48.846730	-86.951990	56165.53	56244.2	5.81	56171.34	56174.39063	56165.74167	56161.97266	503522.3	5410418.8
L3530.0	503522.3	5410418.8	39609.10156	293.70	0	48.846730	-86.951990	56164.40	56244.2	5.81	56170.21	56173.16406	56164.56236	56160.80859	503522.3	5410418.8
L3530.0	503522.4	5410417.4	39609.19922	292.38	0	48.846717	-86.951990	56163.07	56244.2	5.81	56168.87	56171.73047	56163.32446	56159.58594	503522.4	5410417.4
L3530.0	503522.4	5410415.7	39609.30078	290.67	0	48.846702	-86.951990	56161.42	56244.2	5.81	56167.22	56169.98438	56162.00905	56158.28906	503522.4	5410415.7
L3530.0	503522.4	5410414.4	39609.39844	292.05	0	48.846690	-86.951989	56159.86	56244.2	5.81	56165.67	56168.33594	56160.68750	56156.98047	503522.4	5410414.4
L3530.0	503522.4	5410414.4	39609.50000	290.77	0	48.846690	-86.951989	56158.43	56244.2	5.81	56164.24	56166.80859	56159.36613	56155.67578	503522.4	5410414.4
L3530.0	503522.4	5410412.9	39609.60156	289.93	0	48.846677	-86.951989	56157.07	56244.2	5.80	56162.87	56165.33984	56158.03672	56154.36719	503522.4	5410412.9
L3530.0	503522.4	5410411.3	39609.69922	289.78	0	48.846663	-86.951989	56155.76	56244.2	5.80	56161.56	56163.92969	56156.70048	56153.04688	503522.4	5410411.3
L3530.0	503522.4	5410411.3	39609.80078	292.91	0	48.846663	-86.951989	56154.21	56244.2	5.80	56160.02	56162.28906	56155.31676	56151.68359	503522.4	5410411.3
L3530.0	503522.5	5410409.9	39609.89844	293.08	0	48.846650	-86.951988	56152.99	56244.2	5.80	56158.79	56160.95703	56153.96572	56150.34766	503522.5	5410409.9
L3530.0	503522.5	5410408.2	39610.00000	291.82	0	48.846635	-86.951988	56152.04	56244.2	5.80	56157.84	56159.90234	56152.63525	56149.03906	503522.5	5410408.2
L3530.0	503522.5	5410406.9	39610.10156	291.65	0	48.846623	-86.951988	56150.70	56244.2	5.80	56156.49	56158.44922	56151.24378	56147.66797	503522.5	5410406.9
L3530.0	503522.5	5410405.4	39610.19922	290.84	0	48.846609	-86.951988	56149.00	56244.2	5.79	56154.80	56156.65625	56149.81423	56146.25781	503522.5	5410405.4
L3530.0	503522.5	5410405.4	39610.30078	289.67	0	48.846609	-86.951988	56147.32	56244.2	5.79	56153.11	56154.85938	56148.38939	56144.85547	503522.5	5410405.4
L3530.0	503522.5	5410403.4	39610.39844	289.53	0	48.846592	-86.951987	56145.64	56244.2	5.79	56151.43	56153.07422	56146.97197	56143.45703	503522.5	5410403.4
L3530.0	503522.5	5410403.4	39610.50000	288.11	0	48.846592	-86.951987	56144.24	56244.2	5.79	56150.02	56151.55469	56145.57777	56142.08594	503522.5	5410403.4
L3530.0	503522.6	5410401.5	39610.60156	288.17	0	48.846574	-86.951987	56142.63	56244.2	5.78	56148.41	56149.83594	56144.17497	56140.70313	503522.6	5410401.5
L3530.0	503522.6	5410401.5	39610.69922	290.02	0	48.846574	-86.951987	56141.65	56244.2	5.78	56147.43	56148.75000	56142.80248	56139.35547	503522.6	5410401.5
L3530.0	503522.6	5410400.1	39610.80078	291.34	0	48.846562	-86.951987	56140.30	56244.2	5.78	56146.08	56147.28906	56141.41067	56137.98438	503522.6	5410400.1
L3530.0	503522.6	5410398.7	39610.89844	291.64	0	48.846549	-86.951987	56138.86	56244.2	5.77	56144.63	56145.73047	56140.01518	56136.61328	503522.6	5410398.7
L3530.0	503522.6	5410397.3	39611.00000	292.63	0	48.846536	-86.951987	56137.04	56244.2	5.77	56142.81	56143.79688	56138.61267	56135.23438	503522.6	5410397.3
L3530.0	503522.6	5410397.3	39611.10156	290.09	0	48.846536	-86.951987	56135.45	56244.2	5.77	56141.22	56142.09766	56137.21758	56133.86328	503522.6	5410397.3
L3530.0	503522.6	5410395.5	39611.19922	289.43	0	48.846520	-86.951987	56133.98	56244.2	5.77	56139.75	56140.51563	56135.82443	56132.49609	503522.6	5410395.5
L3530.0	503522.6	5410394.0	39611.30078	288.88	0	48.846507	-86.951986	56132.66	56244.2	5.78	56138.44	56139.09375	56134.43139	56131.12500	503522.6	5410394.0
L3530.0	503522.6	5410394.0	39611.39844	287.74	0	48.846507	-86.951986	56131.45	56244.2	5.78	56137.22	56137.75781	56133.03614	56129.75391	503522.6	5410394.0
L3530.0	503522.6	5410392.3	39611.50000	287.82	0	48.846491	-86.951986	56130.21	56244.2	5.78	56135.99	56136.41406	56131.63745	56128.38281	503522.6	5410392.3
L3530.0	503522.7	5410390.7	39611.60156	288.17	0	48.846477	-86.951986	56128.69	56244.2	5.78	56134.47	56134.78125	56130.23384	56127.00391	503522.7	5410390.7
L3530.0	503522.7	5410390.7	39611.69922	291.21	0	48.846477	-86.951986	56127.17	56244.2	5.78	56132.95	56133.14844	56128.82448	56125.62109	503522.7	5410390.7
L3530.0	503522.7	5410389.1	39611.80078	291.19	0	48.846463	-86.951985	56125.15	56244.2	5.79	56130.93	56131.01172	56127.42216	56124.24609	503522.7	5410389.1
L3530.0	503522.7	5410387.7	39611.89844	290.93	0	48.846450	-86.951985	56123.38	56244.2	5.79	56129.17	56129.13672	56126.03078	56122.87891	503522.7	5410387.7
L3530.0	503522.7	5410387.7	39612.00000	289.97	0	48.846450	-86.951985	56121.69	56244.2	5.79	56127.48	56127.33203	56124.65098	56121.52734	503522.7	5410387.7
L3530.0	503522.7	5410386.2	39612.10156	290.52	0	48.846437	-86.951985	56120.29	56244.2	5.79	56126.08	56125.81250	56123.29838	56120.20313	503522.7	5410386.2
L3530.0	503522.8	5410384.6	39612.19922	291.14	0	48.846422	-86.951984	56118.57	56244.2	5.78	56124.35	56123.96875	56121.94119	56118.87109	503522.8	5410384.6

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L3530.0	503522.8	5410384.6	39612.30078	289.55	0	48.846422	-86.951984	56116.93	56244.2	5.78	56122.70	56122.19922	56120.59659	56117.55469	503522.8	5410384.6
L3530.0	503522.8	5410382.5	39612.39844	289.57	0	48.846403	-86.951984	56115.87	56244.2	5.77	56121.64	56121.02344	56119.37343	56116.35938	503522.8	5410382.5
L3530.0	503522.9	5410380.3	39612.50000	288.56	0	48.846383	-86.951983	56114.35	56244.2	5.77	56120.12	56119.38672	56118.10782	56115.12109	503522.9	5410380.3
L3530.0	503522.9	5410378.9	39612.60156	290.12	0	48.846371	-86.951982	56112.77	56244.2	5.77	56118.54	56117.68750	56116.84359	56113.88281	503522.9	5410378.9
L3530.0	503522.9	5410378.9	39612.69922	290.30	0	48.846371	-86.951982	56110.61	56244.2	5.76	56116.38	56115.41016	56115.32900	56112.39844	503522.9	5410378.9
L3530.0	503523.0	5410377.7	39612.80078	291.02	0	48.846360	-86.951982	56108.88	56244.2	5.76	56114.64	56113.55078	56113.92901	56111.02734	503523.0	5410377.7
L3530.0	503523.0	5410376.2	39612.89844	292.81	0	48.846346	-86.951981	56107.29	56244.2	5.75	56113.04	56111.83203	56112.57654	56109.69922	503523.0	5410376.2
L3530.0	503523.0	5410376.2	39613.00000	292.81	0	48.846346	-86.951981	56106.00	56244.3	5.75	56111.75	56110.42578	56111.44460	56108.59766	503523.0	5410376.2
L3530.0	503523.1	5410374.2	39613.10156	291.29	0	48.846328	-86.951980	56104.50	56244.3	5.75	56110.25	56108.80859	56110.19790	56107.37891	503523.1	5410374.2
L3530.0	503523.2	5410373.0	39613.19922	289.68	0	48.846318	-86.951979	56103.27	56244.3	5.74	56109.01	56107.44922	56110.08596	56107.29297	503523.2	5410373.0
L3530.0	503523.2	5410371.7	39613.30078	287.89	0	48.846306	-86.951978	56101.73	56244.3	5.74	56107.47	56105.78906	56109.68246	56106.91797	503523.2	5410371.7
L3530.0	503523.2	5410371.7	39613.39844	285.43	0	48.846306	-86.951978	56099.86	56244.3	5.74	56105.59	56103.78906	56107.52868	56104.79297	503523.2	5410371.7
L3530.0	503523.3	5410370.3	39613.50000	307.21	0	48.846293	-86.951978	56098.26	56244.3	5.74	56103.99	56102.07031	56106.76612	56104.05469	503523.3	5410370.3
L3530.0	503523.3	5410368.6	39613.60156	304.93	0	48.846278	-86.951977	56096.39	56244.3	5.73	56102.13	56100.09375	56101.77823	56099.09766	503523.3	5410368.6
L3530.0	503523.3	5410368.6	39613.69922	304.76	0	48.846278	-86.951977	56094.59	56244.3	5.73	56100.32	56098.16406	56096.39819	56093.74219	503523.3	5410368.6
L3530.0	503523.4	5410366.9	39613.80078	303.48	0	48.846263	-86.951976	56093.00	56244.3	5.73	56098.73	56096.45703	56095.31592	56092.68750	503523.4	5410366.9
L3530.0	503523.4	5410365.3	39613.89844	307.58	0	48.846248	-86.951975	56091.66	56244.3	5.72	56097.38	56094.98828	56101.27540	56098.67578	503523.4	5410365.3
L3530.0	503523.5	5410364.1	39614.00000	311.46	0	48.846238	-86.951975	56090.14	56244.3	5.72	56095.86	56093.34766	56104.21795	56101.64453	503523.5	5410364.1
L3530.0	503523.5	5410364.1	39614.10156	314.67	0	48.846238	-86.951975	56088.07	56244.3	5.72	56093.79	56091.16016	56093.05977	56090.51172	503523.5	5410364.1
L3530.0	503523.5	5410363.0	39614.19922	316.93	0	48.846228	-86.951975	56086.26	56244.3	5.72	56091.98	56089.23438	56088.38508	56085.86328	503523.5	5410363.0
L3530.0	503523.5	5410361.6	39614.30078	316.96	0	48.846216	-86.951974	56084.38	56244.3	5.72	56090.10	56087.23438	56082.20194	56079.70703	503523.5	5410361.6
L3530.0	503523.6	5410360.0	39614.39844	315.21	0	48.846201	-86.951974	56083.52	56244.3	5.72	56089.24	56086.25781	56092.93777	56090.46484	503523.6	5410360.0
L3530.0	503523.6	5410358.7	39614.50000	314.08	0	48.846189	-86.951973	56081.66	56244.3	5.72	56087.38	56084.28125	56087.04709	56084.60156	503523.6	5410358.7
L3530.0	503523.6	5410358.7	39614.60156	313.90	0	48.846189	-86.951973	56080.28	56244.3	5.72	56086.00	56082.78125	56089.55191	56087.12891	503523.6	5410358.7
L3530.0	503523.6	5410357.0	39614.69922	312.19	0	48.846174	-86.951973	56078.28	56244.3	5.72	56084.00	56080.66797	56080.68416	56078.28516	503523.6	5410357.0
L3530.0	503523.7	5410355.2	39614.80078	311.11	0	48.846158	-86.951972	56076.58	56244.3	5.72	56082.30	56078.85156	56077.18648	56074.81250	503523.7	5410355.2
L3530.0	503523.7	5410355.2	39614.89844	309.46	0	48.846158	-86.951972	56074.76	56244.3	5.72	56080.48	56076.91406	56071.35900	56069.00781	503523.7	5410355.2
L3530.0	503523.7	5410353.6	39615.00000	309.46	0	48.846143	-86.951972	56072.72	56244.3	5.72	56078.44	56074.75781	56061.31446	56058.98438	503523.7	5410353.6
L3530.0	503523.7	5410352.5	39615.10156	312.37	0	48.846133	-86.951971	56071.42	56244.3	5.72	56077.14	56073.34375	56065.27917	56062.97266	503523.7	5410352.5
L3530.0	503523.7	5410352.5	39615.19922	312.32	0	48.846133	-86.951971	56069.45	56244.3	5.72	56075.17	56071.25781	56056.58667	56054.30078	503523.7	5410352.5
L3530.0	503523.8	5410351.2	39615.30078	312.29	0	48.846122	-86.951971	56068.23	56244.3	5.71	56073.95	56069.92188	56061.95672	56059.69141	503523.8	5410351.2
L3530.0	503523.8	5410349.7	39615.39844	314.85	0	48.846108	-86.951970	56066.82	56244.3	5.71	56072.53	56068.38672	56063.46204	56061.21875	503523.8	5410349.7
L3530.0	503523.8	5410349.7	39615.50000	312.61	0	48.846108	-86.951970	56065.54	56244.3	5.71	56071.25	56066.99609	56067.37966	56065.15625	503523.8	5410349.7
L3530.0	503523.9	5410348.3	39615.60156	313.70	0	48.846095	-86.951970	56063.63	56244.3	5.71	56069.34	56064.97266	56059.78695	56057.58203	503523.9	5410348.3
L3530.0	503523.9	5410346.4	39615.69922	309.11	0	48.846078	-86.951969	56062.39	56244.3	5.71	56068.10	56063.62109	56064.12980	56061.94141	503523.9	5410346.4
L3530.0	503524.0	5410345.0	39615.80078	310.13	0	48.846066	-86.951968	56061.00	56244.3	5.70	56066.71	56062.11719	56065.62148	56063.45313	503524.0	5410345.0
L3530.0	503524.0	5410345.0	39615.89844	309.42	0	48.846066	-86.951968	56059.36	56244.3	5.70	56065.06	56060.35547	56062.46733	56060.31641	503524.0	5410345.0
L3530.0	503524.0	5410343.3	39616.00000	309.73	0	48.846050	-86.951968	56058.02	56244.3	5.70	56063.72	56058.90625	56064.57519	56062.43750	503524.0	5410343.3
L3530.0	503524.0	5410341.7	39616.10156	311.32	0	48.846036	-86.951968	56056.15	56244.3	5.70	56061.85	56056.92578	56057.53713	56055.41406	503524.0	5410341.7
L3530.0	503524.0	5410341.7	39616.19922	309.40	0	48.846036	-86.951968	56054.47	56244.3	5.70	56060.16	56055.12500	56053.54393	56051.43750	503524.0	5410341.7
L3530.0	503524.1	5410340.2	39616.30078	310.90	0	48.846023	-86.951967	56052.43	56244.3	5.69	56058.12	56052.97656	56043.66779	56041.57422	503524.1	5410340.2
L3530.0	503524.1	5410338.9	39616.39844	310.26	0	48.846011	-86.951967	56050.96	56244.3	5.69	56056.65	56051.39844	56043.26747	56041.18750	503524.1	5410338.9
L3530.0	503524.1	5410337.0	39616.50000	309.69	0	48.845994	-86.951966	56049.65	56244.3	5.69	56055.34	56049.98047	56045.38652	56043.31641	503524.1	5410337.0
L3530.0	503524.1	5410337.0	39616.60156	309.25	0	48.845994	-86.951966	56048.33	56244.3	5.69	56054.02	56048.55078	56047.20010	56045.14063	503524.1	5410337.0
L3530.0	503524.2	5410335.1	39616.69922	308.15	0	48.845976	-86.951966	56046.99	56244.3	5.69	56052.67	56047.09766	56048.39319	56046.34766	503524.2	5410335.1
L3530.0	503524.2	5410335.1	39616.80078	308.94	0	48.845976	-86.951966	56045.19	56244.3	5.68	56050.88	56045.19922	56042.35405	56040.31641	503524.2	5410335.1
L3530.0	503524.2	5410333.3	39616.89844	309.14	0	48.845961	-86.951965	56043.75	56244.3	5.68	56049.43	56043.64453	56041.72979	56039.69922	503524.2	5410333.3
L3530.0	503524.2	5410331.6	39617.00000	309.14	0	48.845945	-86.951965	56042.34	56244.3	5.68	56048.02	56042.13281	56041.63955	56039.61719	503524.2	5410331.6
L3530.0	503524.2	5410331.6	39617.10156	310.17	0	48.845945	-86.951965	56040.91	56244.3	5.68	56046.59	56040.59766	56041.11798	56039.10156	503524.2	5410331.6
L3530.0	503524.3	5410330.0	39617.19922	309.42	0	48.845931	-86.951964	56039.14	56244.3	5.67	56044.82	56038.72656	56035.08241	56033.07031	503524.3	5410330.0
L3530.0	503524.3	5410328.2	39617.30078	307.67	0	48.845915	-86.951964	56037.81	56244.3	5.67	56043.48	56037.28516	56035.78125	56033.77344	503524.3	5410328.2
L3530.0	503524.3	5410328.2	39617.39844	307.31	0	48.845915	-86.951964	56036.32	56244.3	5.67	56041.99	56035.69141	56033.98830	56031.98438	503524.3	5410328.2
L3530.0	503524.3	5410326.5	39617.50000	308.03	0	48.845899	-86.951963	56035.02	56244.3	5.67	56040.68	56034.28125	56034.91364	56032.91406	503524.3	5410326.5
L3530.0	503524.4	5410325.0	39617.60156	309.84	0	48.845886	-86.951963	56033.64	56244.3	5.66	56039.30	56032.80469	56034.60704	56032.60547	503524.4	5410325.0
L3530.0	503524.4	5410325.0	39617.69922	312.12	0	48.845886	-86.951963	56032.06	56244.3	5.66	56037.72	56031.12500	56031.05448	56029.05469	503524.4	5410325.0
L3530.0	503524.4	5410323.7	39617.80078	313.18	0	48.845874	-86.951963	56030.65	56244.3	5.66	56036.31	56029.61719	56030.02804	56028.02734	503524.4	5410323.7
L3530.0	503524.5	5410321.4	39617.89844	312.59	0	48.845854	-86.951962	56028.88	56244.3	5.65	56034.53	56027.74219	56023.16334	56021.16016	503524.5	5410321.4
L3530.0	503524.5	5410321.4	39618.00000	311.41	0	48.845854	-86.951962	56027.56	56244.3	5.65	56033.21	56026.32422	56023.26750	56021.26172	503524.5	5410321.4
L3530.0	503524.5	5410319.7	39618.10156	310.13	0	48.845838	-86.951961	56025.92	56244.4	5.65	56031.57	56024.58984	56018.32964	56016.32031	503524.5	5410319.7
L3530.0	503524.5	5410318.1	39618.19922	310.10	0	48.845824	-86.951961	56024.45	56244.4	5.65	56030.09	56023.01563	56015.69752	56013.68359	503524.5	5410318.1
L3530.0	503524.5	5410318.1	39618.30078	310.14	0	48.845824	-86.951961	56022.70	56244.4	5.64	56028.35	56021.18359	56008.97732	56006.95703	503524.5	5410318.1
L3530.0	503524.6	5410316.5	39618.39844	307.54	0	48.845809	-86.951960	56021.09	56244.4	5.64	56026.73	56019.47266	56003.91807	56001.89063	503524.6	5410316.5
L3530.0	503524.6	5410316.5	39618.50000	309.58	0	48.845809	-86.951960	56019.59	56244.4	5.64	56025.23	56017.88281	56000.47889	55998.44141	503524.6	5410316.5
L3530.0	503524.7	5410314.4	39618.60156	309.64	0	48.845791	-86.951959	56018.46	56244.4	5.64	56024.10	56016.66016	56002.38920	56000.34375	503524.7	5410314.4
L3530.0	503524.7	5410314.4	39618.69922	307.27	0	48.845791	-86.951959	56017.52	56244.4	5.64	56023.16	56015.63281	56006.94124	56004.88672	503524.7	5410314.4
L3530.0	503524.7	5410312.9	39618.80078	307.57	0	48.845777	-86.951959	56016.03	56244.4	5.63	56021.66	56014.04297	56002.82933	56000.76172	503524.7	5410312.9
L3530.0	503524.7	5410311.6	39618.89844	307.83	0	48.845766	-86.951958	56015.24	56244.4	5.63	56020.87	56013.16797	56009.24443	56007.16406	503524.7	5410311.6
L3530.0	503524.8	5410309.8	39618.89844	307.83	0	48.845749	-86.951957	56013.83	56244.4	5.63	56019.46	56011.67188	56006.02861	56003.93359	503524.8	5410309.8
L3530.0	503524.8	5410308.6	39619.10156	287.79	0	48.845738	-86.951957	56012.86	56244.4	5.63	56018.49	56010.61719	56009.33708	56007.23047	503524.8	5410308.6
L3530.0	503524.8	5410308.6	39619.19922	307.55	0	48.845738	-86.951957	56011.42	56244.4	5.63	56017.05	56009.09375	56005.15319	56003.02734	503524.8	5410308.6
L3530.0	503524.9	5410306.8	39619.30078	308.89	0	48.845722	-86.951957	56010.11	56244.4	5.63	56015.75	56007.71094	56002.86430	56000.72266	503524.9	5410306.8
L3530.0	503524.9	5410305.5	39619.39844	307.83	0	48.845710	-86.951956	56008.48	56244.4	5.63	56014.12	56005.99609	55995.01681	55992.85938	503524.9	5410305.5
L3530.0	503524.9	5410305.5	39619.50000	309.02	0	48.845710	-86.951956	56007.20	56244.4	5.63	56012.83	56004.62500	55992.24664	55990.07031	503524.9	5410305.5
L3530.0	503524.9	5410303.9	39619.60156	310.31	0	48.845696	-86.951956	56006.19	56244.4	5.64	56011.82	56003.53516	55993.76078	55991.56250	503524.9	5410303.9
L3530.0	503524.9	5410302.1	39619.69922	309.30	0	48.845680	-86.951955	56004.87	56244.4	5.64	56010.51	56002.14844	55990.10089	55987.88281	503524.9	5410302.1
L3530.0	503524.9	5410302.1	39619.80078	310.98	0	48.845680	-86.951955	56003.84	56244.4	5.64	56009.48	56001.03906	55990.81028	55988.57031	503524.9	5410302.1
L3530.0	503525.0	5410300.4	39619.89844	311.70	0	48.845664	-86.951955	56002.42	56244.4	5.64	56008.06	55999.54297	55984.69867	55982.43359	503525.0	5410300.4
L3530.0	503525.0	5410299.0	39620.00000	311.43	0	48.845652	-86.951955	56001.41	56244.4	5.64	56007.05	55998.45703	55985.22778	55982.93750	503525.0	5410299.0
L3530.0	503525.0	5410299.0	39620.10156	311.79	0	48.845652	-86.951955	55999.96	56244.4	5.64	56005.60	55996.93359	55978.00164	55975.68750	503525.0	5410299.0
L3530.0	503525.0	5410297.2	39620.19922	313.59	0	48.845636	-86.951954	55998.80	56244.4	5.63	56004.43	55995.69141	55975.30566	55972.96484	503525.0	5410297.2
L3530.0	503525.1	5410295.7	39620.30078	314.47	0	48.845622	-86.951954	55997.71	56244.4	5.63	56003.35	55994.53906	55973.93858	55971.57031	503525.1	5410295.7
L3530.0	503525.1	5410295.7	39620.39844	314.31	0	48.845622	-86.951954	55996.90	56244.4	5.63	56002.53	55993.64453	55976.79389	55974.39844	503525.1	5410295.7
L3530.0	503525.1	5410294.2	39620.50000	315.15	0	48.845609	-86.951953	55995.94	56244.4	5.63	56001.57	55992.61719	55977.02198	55974.59766	503525.1	5410294.2
L3530.0	503525.2	5410293.1	39620.60156	312.79	0	48.845599	-86.951953	55995.06	56244.4	5.62	56000.68	55991.65625	55978.16535	55975.71094	503525.2	5410293.1
L3530.0	503525.2	5410293.1	39620.69922	311.47	0	48.845599	-86.951953	55994.58	56244.4	5.62	56000.20	55991.10938	55985.67024	55983.18359	503525.2	5410293.1
L3530.0	503525.2	5410291.5	39620.80078	310.70	0	48.845585	-86.951952	55993.67	56244.4	5.62	55999.28	55990.12109	55985.61857	55983.10156	503525.2	5410291.5
L3530.0	503525.3	5410289.9	39620.89844	308.34	0	48.845570	-86.951951	55992.86	56244.4	5.61	55998.47	55989.24609	55986.98505	55984.43359	503525.3	5410289.9
L3530.0	503525.3	5410289.9	39621.00000	308.34	0	48.845570	-86.951951	55991.39	56244.4	5.61	55997.00	55987.71094	55978.22546	55975.64063	503525.3	5410289.9
L3530.0	503525.3	5410288.6	39621.10156	308.87	0	48.845558	-86.951950	55990.58	56244.4	5.61	55996.19	55986.83594	55979.28532	55976.66797	503525.3	5410288.6
L3530.0	503525.4	5410287.0	39621.19922	289.58	0	48.845544	-86.951950	55989.44	56244.4	5.62	55995.06	55985.64453	55975.73705	55973.08203	503525.4	5410287.0
L3530.0	503525.5	5410285.3	39621.30078	290.59	0	48.845529	-86.951949	55988.43	56244.4	5.62	55994.05	55984.57031	55971.99974	55969.30859	503525.5	5410285.3
L3530.0	503525.5	5410285.3	39621.39844	310.28	0	48.845529	-86.951949	55987.29	56244.4	5.63	55992.92	55983.38281	55964.45832	55961.73047	503525.5	5410285.3
L3530.0	503525.5	5410284.3	39621.50000	308.78	0	48.845519	-86.951948	55986.89	56244.4	5.63	55992.52	55982.92188	55975.95919	55973.19531	503525.5	5410284.3

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L3530.0	503525.6	5410283.0	39621.60156	309.94	0	48.845508	-86.951947	55986.11	56244.4	5.63	55991.74	55982.08203	55976.65464	55973.85156	503525.6	5410283.0
L3530.0	503525.6	5410283.0	39621.69922	312.09	0	48.845508	-86.951947	55985.63	56244.4	5.64	55991.26	55981.54688	55983.18432	55980.34375	503525.6	5410283.0
L3530.0	503525.6	5410281.7	39621.80078	313.76	0	48.845496	-86.951946	55984.84	56244.4	5.64	55990.48	55980.70703	55982.51269	55979.63281	503525.6	5410281.7
L3530.0	503525.7	5410280.2	39621.89844	312.23	0	48.845483	-86.951946	55983.98	56244.4	5.65	55989.62	55979.79297	55980.36267	55977.44141	503525.7	5410280.2
L3530.0	503525.7	5410280.2	39622.00000	313.36	0	48.845483	-86.951946	55983.12	56244.3	5.65	55988.77	55978.88672	55978.69948	55975.73828	503525.7	5410280.2
L3530.0	503525.7	5410278.3	39622.10156	294.15	0	48.845465	-86.951945	55982.41	56244.3	5.65	55988.06	55978.12500	55979.17440	55976.16797	503525.7	5410278.3
L3530.0	503525.8	5410277.1	39622.19922	294.05	0	48.845455	-86.951944	55982.16	56244.3	5.65	55987.81	55977.82031	55984.14672	55981.09766	503525.8	5410277.1
L3530.0	503525.9	5410275.9	39622.30078	294.16	0	48.845444	-86.951943	55981.42	56244.3	5.65	55987.07	55977.03125	55983.50376	55980.41406	503525.9	5410275.9
L3530.0	503525.9	5410275.9	39622.39844	313.40	0	48.845444	-86.951943	55981.07	56244.3	5.65	55986.72	55976.62891	55986.21934	55983.08594	503525.9	5410275.9
L3530.0	503526.0	5410274.2	39622.50000	313.38	0	48.845429	-86.951942	55980.52	56244.3	5.65	55986.17	55976.02734	55985.13586	55981.95703	503526.0	5410274.2
L3530.0	503526.0	5410273.2	39622.60156	297.02	0	48.845420	-86.951941	55979.78	56244.3	5.65	55985.43	55975.23828	55985.27782	55982.05469	503526.0	5410273.2
L3530.0	503526.0	5410273.2	39622.69922	294.99	0	48.845420	-86.951941	55979.10	56244.3	5.65	55984.75	55974.51172	55985.61493	55982.34766	503526.0	5410273.2
L3530.0	503526.1	5410271.8	39622.80078	291.81	0	48.845407	-86.951939	55978.69	56244.3	5.65	55984.34	55974.05469	55986.06686	55982.75391	503526.1	5410271.8
L3530.0	503526.3	5410270.4	39622.89844	307.13	0	48.845395	-86.951938	55978.26	56244.3	5.65	55983.91	55973.57813	55986.38753	55983.03125	503526.3	5410270.4
L3530.0	503526.4	5410269.2	39623.00000	307.13	0	48.845384	-86.951936	55977.58	56244.3	5.65	55983.23	55972.85156	55986.44818	55983.04297	503526.4	5410269.2
L3530.0	503526.4	5410269.2	39623.10156	291.50	0	48.845384	-86.951936	55977.28	56244.3	5.65	55982.93	55972.50781	55986.79575	55983.34375	503526.4	5410269.2
L3530.0	503526.5	5410268.0	39623.19922	292.47	0	48.845373	-86.951935	55976.79	56244.3	5.65	55982.45	55971.98438	55986.97005	55983.47266	503526.5	5410268.0
L3530.0	503526.5	5410268.0	39623.30078	292.50	0	48.845373	-86.951935	55976.36	56244.3	5.66	55982.02	55971.50781	55987.11235	55983.56641	503526.5	5410268.0
L3530.0	503526.7	5410266.4	39623.39844	291.30	0	48.845359	-86.951932	55975.88	56244.3	5.66	55981.54	55970.98828	55987.17388	55983.58203	503526.7	5410266.4
L3530.0	503526.8	5410265.1	39623.50000	290.88	0	48.845347	-86.951931	55975.43	56244.3	5.66	55981.09	55970.49609	55987.18068	55983.53906	503526.8	5410265.1
L3530.0	503526.9	5410263.9	39623.60156	292.05	0	48.845336	-86.951929	55975.10	56244.3	5.66	55980.76	55970.12500	55987.15853	55983.46875	503526.9	5410263.9
L3530.0	503526.9	5410263.9	39623.69922	291.69	0	48.845336	-86.951929	55974.77	56244.3	5.66	55980.44	55969.76563	55987.06394	55983.32422	503526.9	5410263.9
L3530.0	503527.0	5410262.4	39623.80078	289.02	0	48.845323	-86.951927	55974.82	56244.3	5.67	55980.49	55969.77344	55987.01747	55983.23047	503527.0	5410262.4
L3530.0	503527.0	5410262.4	39623.89844	290.59	0	48.845323	-86.951927	55974.59	56244.3	5.67	55980.26	55969.50391	55986.82729	55982.99219	503527.0	5410262.4
L3530.0	503527.2	5410261.0	39624.00000	290.90	0	48.845310	-86.951925	55974.67	56244.3	5.67	55980.34	55969.54688	55986.68623	55982.80078	503527.2	5410261.0
L3530.0	503527.3	5410260.1	39624.10156	290.12	0	48.845302	-86.951924	55974.32	56244.3	5.67	55979.99	55969.16016	55986.39375	55982.46094	503527.3	5410260.1
L3530.0	503527.4	5410259.2	39624.19922	289.35	0	48.845294	-86.951923	55973.89	56244.3	5.67	55979.56	55968.69141	55986.06033	55982.07813	503527.4	5410259.2
L3530.0	503527.4	5410259.2	39624.30078	290.43	0	48.845294	-86.951923	55973.61	56244.3	5.68	55979.28	55968.37500	55985.75749	55981.72266	503527.4	5410259.2
L3530.0	503527.5	5410258.1	39624.39844	291.32	0	48.845284	-86.951921	55973.08	56244.3	5.68	55978.76	55967.81641	55985.37849	55981.29688	503527.5	5410258.1
L3530.0	503527.6	5410256.8	39624.50000	293.12	0	48.845273	-86.951919	55972.85	56244.3	5.68	55978.53	55967.55078	55985.08274	55980.94922	503527.6	5410256.8
L3530.0	503527.7	5410255.6	39624.60156	294.56	0	48.845262	-86.951918	55972.92	56244.3	5.68	55978.60	55967.58594	55984.88714	55980.70313	503527.7	5410255.6
L3530.0	503527.7	5410255.6	39624.69922	293.99	0	48.845262	-86.951918	55973.25	56244.3	5.68	55978.94	55967.89063	55984.79386	55980.56250	503527.7	5410255.6
L3530.0	503527.9	5410254.5	39624.80078	295.71	0	48.845252	-86.951916	55973.51	56244.3	5.69	55979.19	55968.10547	55984.69920	55980.41797	503527.9	5410254.5
L3530.0	503528.0	5410253.3	39624.89844	295.62	0	48.845241	-86.951914	55973.40	56244.3	5.69	55979.09	55967.97266	55984.52161	55980.19141	503528.0	5410253.3
L3530.0	503528.2	5410252.4	39625.00000	295.62	0	48.845233	-86.951912	55973.13	56244.3	5.69	55978.82	55967.66797	55984.31638	55979.93359	503528.2	5410252.4
L3530.0	503528.3	5410251.3	39625.10156	292.58	0	48.845223	-86.951910	55972.80	56244.3	5.69	55978.49	55967.30469	55984.11758	55979.68750	503528.3	5410251.3
L3530.0	503528.3	5410251.3	39625.19922	294.87	0	48.845223	-86.951910	55972.77	56244.3	5.69	55978.47	55967.25391	55984.04266	55979.56250	503528.3	5410251.3
L3530.0	503528.5	5410249.9	39625.30078	295.06	0	48.845211	-86.951907	55972.47	56244.3	5.70	55978.17	55966.91797	55983.90658	55979.37500	503528.5	5410249.9
L3530.0	503528.5	5410249.9	39625.39844	290.36	0	48.845211	-86.951907	55972.47	56244.3	5.70	55978.17	55966.88672	55983.88710	55979.30469	503528.5	5410249.9
L3530.0	503528.7	5410248.8	39625.50000	291.60	0	48.845201	-86.951905	55972.82	56244.3	5.70	55978.52	55967.20313	55983.98898	55979.35938	503528.7	5410248.8
L3530.0	503528.8	5410247.9	39625.60156	288.90	0	48.845193	-86.951903	55972.88	56244.3	5.70	55978.58	55967.23047	55984.02200	55979.33984	503528.8	5410247.9
L3530.0	503529.0	5410246.9	39625.69922	290.84	0	48.845184	-86.951901	55973.18	56244.3	5.70	55978.88	55967.50000	55984.13189	55979.40234	503529.0	5410246.9
L3530.0	503529.0	5410246.9	39625.80078	291.47	0	48.845184	-86.951901	55973.11	56244.3	5.71	55978.81	55967.39844	55984.15454	55979.37500	503529.0	5410246.9
L3530.0	503529.1	5410245.7	39625.89844	292.11	0	48.845173	-86.951899	55973.05	56244.3	5.71	55978.76	55967.31641	55984.19299	55979.36328	503529.1	5410245.7
L3530.0	503529.1	5410245.7	39626.00000	291.09	0	48.845173	-86.951899	55972.90	56244.3	5.71	55978.61	55967.13281	55984.21674	55979.33984	503529.1	5410245.7
L3530.0	503529.2	5410244.8	39626.10156	289.99	0	48.845164	-86.951897	55973.03	56244.3	5.71	55978.74	55967.23047	55984.30100	55979.37500	503529.2	5410244.8
L3530.0	503529.3	5410244.0	39626.19922	289.26	0	48.845157	-86.951896	55972.90	56244.3	5.71	55978.61	55967.07031	55984.33184	55979.35547	503529.3	5410244.0
L3530.0	503529.3	5410244.0	39626.30078	289.81	0	48.845157	-86.951896	55972.72	56244.3	5.72	55978.44	55966.86719	55984.35112	55979.32813	503529.3	5410244.0
L3530.0	503529.4	5410243.2	39626.39844	289.52	0	48.845150	-86.951895	55972.92	56244.3	5.72	55978.64	55967.03516	55984.42039	55979.34766	503529.4	5410243.2
L3530.0	503529.5	5410242.3	39626.50000	290.07	0	48.845142	-86.951894	55973.11	56244.3	5.72	55978.83	55967.19531	55984.46949	55979.34766	503529.5	5410242.3
L3530.0	503529.6	5410241.6	39626.60156	290.81	0	48.845135	-86.951893	55973.10	56244.3	5.72	55978.82	55967.15234	55984.47067	55979.30078	503529.6	5410241.6
L3530.0	503529.6	5410241.6	39626.69922	290.71	0	48.845135	-86.951893	55973.36	56244.3	5.72	55979.08	55967.37891	55984.49292	55979.27734	503529.6	5410241.6
L3530.0	503529.7	5410240.4	39626.80078	291.59	0	48.845125	-86.951892	55973.94	56244.3	5.73	55979.66	55967.92578	55984.54672	55979.28125	503529.7	5410240.4
L3530.0	503529.7	5410240.4	39626.89844	295.09	0	48.845125	-86.951892	55973.81	56244.3	5.73	55979.54	55967.77344	55984.48337	55979.17188	503529.7	5410240.4
L3530.0	503529.7	5410239.7	39627.00000	295.09	0	48.845119	-86.951891	55973.96	56244.3	5.73	55979.69	55967.89063	55984.44996	55979.08984	503529.7	5410239.7
L3530.0	503529.8	5410239.0	39627.10156	296.20	0	48.845112	-86.951890	55974.16	56244.3	5.74	55979.90	55968.06641	55984.41941	55979.01563	503529.8	5410239.0
L3530.0	503529.8	5410238.2	39627.19922	293.78	0	48.845105	-86.951890	55973.86	56244.3	5.74	55979.60	55967.73438	55984.28634	55978.83594	503529.8	5410238.2
L3530.0	503529.8	5410238.2	39627.30078	293.17	0	48.845105	-86.951890	55973.20	56244.3	5.75	55978.95	55967.04688	55984.06028	55978.56250	503529.8	5410238.2
L3530.0	503529.9	5410237.1	39627.39844	290.99	0	48.845095	-86.951889	55973.66	56244.3	5.75	55979.41	55967.47266	55984.05777	55978.51172	503529.9	5410237.1
L3530.0	503529.9	5410236.5	39627.50000	291.36	0	48.845090	-86.951889	55973.71	56244.2	5.76	55979.46	55967.48828	55983.96379	55978.37500	503529.9	5410236.5
L3530.0	503529.9	5410236.5	39627.60156	292.71	0	48.845090	-86.951889	55974.39	56244.2	5.76	55980.15	55968.14453	55984.04466	55978.41016	503529.9	5410236.5
L3530.0	503529.9	5410235.7	39627.69922	290.54	0	48.845083	-86.951888	55974.54	56244.2	5.76	55980.31	55968.26953	55983.99544	55978.31250	503529.9	5410235.7
L3530.0	503529.9	5410235.2	39627.80078	290.65	0	48.845078	-86.951888	55974.77	56244.2	5.77	55980.54	55968.46094	55983.97522	55978.24609	503529.9	5410235.2
L3530.0	503529.9	5410235.2	39627.89844	290.90	0	48.845078	-86.951888	55975.53	56244.2	5.78	55981.31	55969.19531	55984.15523	55978.38281	503529.9	5410235.2
L3530.0	503530.0	5410233.7	39628.00000	292.72	0	48.845065	-86.951887	55975.48	56244.2	5.78	55981.26	55969.10938	55984.06272	55978.24609	503530.0	5410233.7
L3530.0	503530.0	5410233.7	39628.10156	292.78	0	48.845065	-86.951887	55975.78	56244.2	5.78	55981.56	55969.37109	55984.10595	55978.24609	503530.0	5410233.7
L3530.0	503530.0	5410232.9	39628.19922	291.73	0	48.845058	-86.951887	55975.78	56244.2	5.78	55981.57	55969.34375	55984.03685	55978.13281	503530.0	5410232.9
L3530.0	503530.1	5410232.3	39628.30078	293.36	0	48.845052	-86.951886	55975.96	56244.2	5.79	55981.74	55969.47266	55984.03768	55978.08984	503530.1	5410232.3
L3530.0	503530.1	5410232.3	39628.39844	294.49	0	48.845052	-86.951886	55976.26	56244.2	5.79	55982.05	55969.74219	55984.11149	55978.11719	503530.1	5410232.3
L3530.0	503530.1	5410231.6	39628.50000	294.68	0	48.845046	-86.951886	55976.34	56244.2	5.79	55982.13	55969.78516	55984.08185	55978.04688	503530.1	5410231.6
L3530.0	503530.1	5410231.1	39628.60156	296.33	0	48.845041	-86.951885	55976.44	56244.2	5.79	55982.23	55969.84375	55984.06464	55977.98438	503530.1	5410231.1
L3530.0	503530.2	5410230.4	39628.69922	294.90	0	48.845035	-86.951885	55976.70	56244.2	5.79	55982.49	55970.06250	55984.14024	55978.01563	503530.2	5410230.4
L3530.0	503530.2	5410230.4	39628.80078	296.14	0	48.845035	-86.951885	55976.77	56244.2	5.80	55982.57	55970.09766	55984.12243	55977.95703	503530.2	5410230.4
L3530.0	503530.2	5410229.7	39628.89844	295.17	0	48.845029	-86.951884	55977.36	56244.2	5.80	55983.15	55970.63672	55984.41267	55978.20313	503530.2	5410229.7
L3530.0	503530.3	5410228.9	39628.89844	295.17	0	48.845022	-86.951883	55977.22	56244.2	5.80	55983.02	55970.46484	55984.28282	55978.03125	503530.3	5410228.9
L3530.0	503530.3	5410228.9	39629.10156	295.10	0	48.845022	-86.951883	55977.36	56244.2	5.80	55983.16	55970.55859	55984.32710	55978.03516	503530.3	5410228.9
L3530.0	503530.3	5410228.4	39629.19922	295.97	0	48.845017	-86.951882	55977.66	56244.2	5.81	55983.46	55970.81250	55984.48960	55978.15625	503530.3	5410228.4
L3530.0	503530.4	5410228.0	39629.30078	295.57	0	48.845013	-86.951882	55977.68	56244.2	5.81	55983.49	55970.79688	55984.48418	55978.10938	503530.4	5410228.0
L3530.0	503530.4	5410228.0	39629.39844	295.38	0	48.845013	-86.951882	55977.78	56244.2	5.81	55983.59	55970.85156	55984.53597	55978.11719	503530.4	5410228.0
L3530.0	503530.5	5410227.4	39629.50000	296.06	0	48.845008	-86.951881	55978.16	56244.2	5.82	55983.98	55971.19531	55984.80170	55978.34375	503530.5	5410227.4
L3530.0	503530.6	5410226.8	39629.60156	296.69	0	48.845003	-86.951880	55978.09	56244.2	5.82	55983.90	55971.06641	55984.74470	55978.24609	503530.6	5410226.8
L3530.0	503530.6	5410226.3	39629.69922	296.07	0	48.844998	-86.951879	55978.34	56244.2	5.82	55984.16	55971.27734	55984.93613	55978.39453	503530.6	5410226.3
L3530.0	503530.6	5410226.3	39629.80078	298.53	0	48.844998	-86.951879	55978.57	56244.2	5.82	55984.39	55971.45703	55985.11292	55978.53125	503530.6	5410226.3
L3530.0	503530.7	5410225.8	39629.89844	298.10	0	48.844993	-86.951877	55978.56	56244.2	5.83	55984.39	55971.40625	55985.12969	55978.50781	503530.7	5410225.8
L3530.0	503530.8	5410225.4	39630.00000	295.93	0	48.844990	-86.951876	55978.94	56244.2	5.83	55984.77	55971.73438	55985.42375	55978.76172	503530.8	5410225.4
L3530.0	503530.9	5410224.9	39630.10156	294.67	0	48.844986	-86.951875	55978.92	56244.2	5.83	55984.75	55971.66406	55985.43442	55978.73438	503530.9	5410224.9
L3530.0	503530.9	5410224.9	39630.19922	295.87	0	48.844986	-86.951875	55978.82	56244.2	5.82	55984.64	55971.50000	55985.38588	55978.64453	503530.9	5410224.9
L3530.0	503531.0	5410224.6	39630.30078	294.54	0	48.844983	-86.951874	55978.82	56244.2	5.82	55984.64	55971.44922	55985.42068	55978.64063	503531.0	5410224.6
L3530.0	503531.1	5410224.2	39630.39844	295.76	0	48.844979	-86.951873	55978.77	56244.2	5.82	55984.58	55971.33203	55985.41890	55978.60156	503531.1	5410224.2
L3530.0	503531.1	5410224.2	39630.50000	295.99	0	48.844979	-86.951873	55979.15	56244.2	5.82	55984.96	55971.65625	55985.72620	55978.86719	503531.1	5410224.2
L3530.0	503531.2	5410223.9	39630.60156	294.72	0	48.844976	-86.951871	55979.30	56244.2	5.81	55985.11	55971.75000	55985.87735	55978.98047	503531.2	5410223.9
L3530.0	503531.3	5410223.5	39630.69922	293.88	0	48.844973	-86.951870	55979.48	56244.2	5.81	55985.29	55971.87500	55986.05257	55979.11719	503531.3	5410223.5
L3530.0	503531.3	5410223.5	39630.80078	292.56	0	48.844973	-86.951870	55979.48	56244.2	5.81	55985.28	55971.80469	55986.10830	55979.13281	503531.3	5410223.5

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L3530.0	503531.4	5410223.1	39630.89844	291.62	0	48.844969	-86.951869	55980.08	56244.2	5.80	55985.89	55972.35547	55986.56249	55979.55078	503531.4	5410223.1
L3530.0	503531.4	5410222.8	39631.00000	291.62	0	48.844967	-86.951867	55980.16	56244.2	5.80	55985.96	55972.36719	55986.67321	55979.62109	503531.4	5410222.8
L3530.0	503531.5	5410222.4	39631.10156	295.27	0	48.844963	-86.951866	55980.44	56244.2	5.80	55986.24	55972.58594	55986.91097	55979.82031	503531.5	5410222.4
L3530.0	503531.5	5410222.4	39631.19922	292.87	0	48.844963	-86.951866	55980.84	56244.2	5.80	55986.64	55972.92578	55987.20825	55980.08203	503531.5	5410222.4
L3530.0	503531.6	5410222.1	39631.30078	293.72	0	48.844960	-86.951865	55981.20	56244.2	5.81	55987.01	55973.23438	55987.47293	55980.30859	503531.6	5410222.1
L3530.0	503531.6	5410222.1	39631.39844	294.94	0	48.844960	-86.951865	55981.60	56244.2	5.81	55987.41	55973.57031	55987.73374	55980.53125	503531.6	5410222.1
L3530.0	503531.7	5410221.8	39631.50000	296.93	0	48.844958	-86.951864	55981.73	56244.2	5.81	55987.54	55973.63672	55987.84586	55980.60547	503531.7	5410221.8
L3530.0	503531.7	5410221.6	39631.60156	296.13	0	48.844956	-86.951864	55982.06	56244.2	5.81	55987.87	55973.90234	55988.03653	55980.75781	503531.7	5410221.6
L3530.0	503531.7	5410221.6	39631.69922	293.21	0	48.844956	-86.951864	55981.73	56244.2	5.81	55987.54	55973.50781	55987.94045	55980.62500	503531.7	5410221.6
L3530.0	503531.7	5410221.4	39631.80078	294.15	0	48.844954	-86.951864	55982.00	56244.2	5.82	55987.82	55973.72266	55988.08914	55980.73828	503531.7	5410221.4
L3530.0	503531.7	5410221.2	39631.89844	292.76	0	48.844952	-86.951864	55982.23	56244.2	5.82	55988.05	55973.88281	55988.20161	55980.81250	503531.7	5410221.2
L3530.0	503531.7	5410221.2	39632.00000	295.97	0	48.844952	-86.951864	55982.08	56244.2	5.82	55987.90	55973.66797	55988.17952	55980.75391	503531.7	5410221.2
L3530.0	503531.7	5410221.0	39632.10156	294.78	0	48.844951	-86.951864	55981.81	56244.2	5.82	55987.63	55973.32813	55988.12842	55980.66406	503531.7	5410221.0
L3530.0	503531.7	5410221.0	39632.19922	291.95	0	48.844950	-86.951864	55981.55	56244.2	5.82	55987.37	55973.00000	55988.09022	55980.58984	503531.7	5410221.0
L3530.0	503531.7	5410221.0	39632.30078	288.73	0	48.844950	-86.951864	55981.47	56244.2	5.82	55987.29	55972.85156	55988.10423	55980.56641	503531.7	5410221.0
L3530.0	503531.7	5410220.9	39632.39844	289.24	0	48.844949	-86.951864	55981.73	56244.2	5.82	55987.55	55973.03906	55988.19631	55980.62109	503531.7	5410220.9
L3530.0	503531.7	5410220.8	39632.50000	289.73	0	48.844949	-86.951865	55981.60	56244.2	5.82	55987.42	55972.83984	55988.19380	55980.58203	503531.7	5410220.8
L3530.0	503531.6	5410220.8	39632.60156	289.90	0	48.844948	-86.951865	55981.93	56244.2	5.82	55987.75	55973.09766	55988.28891	55980.64063	503531.6	5410220.8
L3530.0	503531.6	5410220.8	39632.69922	287.50	0	48.844948	-86.951865	55981.78	56244.2	5.82	55987.60	55972.87500	55988.27906	55980.59375	503531.6	5410220.8
L3530.0	503531.6	5410220.7	39632.80078	289.52	0	48.844948	-86.951865	55981.88	56244.2	5.82	55987.70	55972.90234	55988.32025	55980.60156	503531.6	5410220.7
L3530.0	503531.6	5410220.7	39632.89844	291.69	0	48.844948	-86.951865	55982.08	56244.2	5.82	55987.90	55973.02734	55988.38221	55980.62500	503531.6	5410220.7
L3530.0	503531.6	5410220.6	39633.00000	291.69	0	48.844947	-86.951865	55982.28	56244.2	5.82	55988.10	55973.15625	55988.44586	55980.65234	503531.6	5410220.6
L3530.0	503531.6	5410220.6	39633.10156	297.98	0	48.844947	-86.951865	55982.69	56244.2	5.82	55988.51	55973.49219	55988.56429	55980.73438	503531.6	5410220.6
L3530.0	503531.7	5410220.6	39633.19922	295.56	0	48.844946	-86.951865	55983.02	56244.2	5.82	55988.84	55973.74609	55988.67447	55980.80859	503531.7	5410220.6
L3530.0	503531.7	5410220.5	39633.30078	294.80	0	48.844946	-86.951864	55983.22	56244.2	5.82	55989.04	55973.87109	55988.76029	55980.85938	503531.7	5410220.5
L3530.0	503531.7	5410220.3	39633.39844	292.67	0	48.844944	-86.951864	55982.89	56244.2	5.82	55988.71	55973.46484	55988.69067	55980.75391	503531.7	5410220.3
L3530.0	503531.7	5410220.3	39633.50000	290.88	0	48.844944	-86.951864	55983.09	56244.2	5.82	55988.91	55973.58984	55988.78019	55980.80859	503531.7	5410220.3
L3530.0	503531.8	5410220.2	39633.60156	292.24	0	48.844943	-86.951863	55983.12	56244.2	5.82	55988.94	55973.54297	55988.81672	55980.80859	503531.8	5410220.2
L3530.0	503531.8	5410219.9	39633.69922	294.35	0	48.844941	-86.951862	55983.42	56244.2	5.82	55989.24	55973.76563	55988.95853	55980.91406	503531.8	5410219.9
L3530.0	503531.9	5410219.8	39633.80078	296.36	0	48.844939	-86.951862	55983.52	56244.2	5.82	55989.34	55973.78516	55989.03057	55980.94922	503531.9	5410219.8
L3530.0	503531.9	5410219.6	39633.89844	295.08	0	48.844938	-86.951861	55983.83	56244.2	5.82	55989.65	55974.01953	55989.19897	55981.08203	503531.9	5410219.6
L3530.0	503531.9	5410219.6	39634.00000	292.13	0	48.844938	-86.951861	55983.90	56244.2	5.82	55989.72	55974.01172	55989.26607	55981.11328	503531.9	5410219.6
L3530.0	503531.9	5410219.3	39634.10156	289.58	0	48.844935	-86.951861	55983.93	56244.2	5.82	55989.74	55973.95313	55989.30684	55981.11719	503531.9	5410219.3
L3530.0	503532.0	5410219.0	39634.19922	290.88	0	48.844932	-86.951860	55984.34	56244.2	5.82	55990.15	55974.28516	55989.54539	55981.32031	503532.0	5410219.0
L3530.0	503532.0	5410219.0	39634.30078	291.84	0	48.844932	-86.951860	55984.71	56244.2	5.81	55990.53	55974.58594	55989.77700	55981.51563	503532.0	5410219.0
L3530.0	503532.0	5410218.7	39634.39844	295.27	0	48.844930	-86.951860	55985.20	56244.2	5.81	55991.01	55974.98438	55990.06931	55981.77344	503532.0	5410218.7
L3530.0	503532.0	5410218.4	39634.50000	297.87	0	48.844927	-86.951860	55985.32	56244.2	5.81	55991.13	55975.02734	55990.16168	55981.82813	503532.0	5410218.4
L3530.0	503532.0	5410218.4	39634.60156	296.47	0	48.844927	-86.951860	55986.11	56244.2	5.81	55991.91	55975.72656	55990.63268	55982.26563	503532.0	5410218.4
L3530.0	503532.0	5410218.1	39634.69922	296.75	0	48.844925	-86.951860	55986.36	56244.2	5.81	55992.17	55975.91016	55990.80270	55982.39844	503532.0	5410218.1
L3530.0	503532.0	5410217.8	39634.80078	294.12	0	48.844921	-86.951860	55986.64	56244.2	5.80	55992.44	55976.09766	55990.97459	55982.53516	503532.0	5410217.8
L3530.0	503532.0	5410217.8	39634.89844	294.63	0	48.844921	-86.951860	55986.89	56244.2	5.80	55992.69	55976.26953	55991.13090	55982.65625	503532.0	5410217.8
L3570.0	503570.8	5411197.9	80254.50000	341.36	0	48.853738	-86.951323	56369.68	56248.7	1.31	56370.99	56372.08203	56358.68283	56390.14453	503570.8	5411197.9
L3570.0	503570.8	5411198.2	80254.60156	342.18	0	48.853741	-86.951323	56369.54	56248.7	1.31	56370.84	56371.91406	56356.37760	56387.29297	503570.8	5411198.2
L3570.0	503570.8	5411198.2	80254.60156	341.07	0	48.853741	-86.951323	56369.40	56248.7	1.31	56370.71	56371.76563	56354.48935	56384.85938	503570.8	5411198.2
L3570.0	503570.8	5411198.5	80254.79688	340.25	0	48.853744	-86.951323	56369.53	56248.7	1.30	56370.83	56371.86719	56357.77611	56387.60547	503570.8	5411198.5
L3570.0	503570.8	5411198.9	80254.89844	340.85	0	48.853747	-86.951323	56369.53	56248.7	1.30	56370.83	56371.85156	56358.58456	56387.87109	503570.8	5411198.9
L3570.0	503570.8	5411198.9	80255.00000	341.39	0	48.853747	-86.951323	56369.96	56248.7	1.30	56371.26	56372.26172	56368.29216	56397.03516	503570.8	5411198.9
L3570.0	503570.8	5411199.2	80255.10156	339.67	0	48.853749	-86.951323	56370.12	56248.7	1.30	56371.42	56372.40625	56372.41935	56400.61719	503570.8	5411199.2
L3570.0	503570.8	5411199.2	80255.20313	341.08	0	48.853749	-86.951323	56370.75	56248.7	1.30	56372.06	56373.02734	56386.48072	56414.14063	503570.8	5411199.2
L3570.0	503570.8	5411199.6	80255.29688	340.19	0	48.853753	-86.951323	56370.61	56248.7	1.31	56371.91	56372.85938	56384.20597	56411.32422	503570.8	5411199.6
L3570.0	503570.8	5411199.9	80255.39844	342.52	0	48.853756	-86.951322	56370.83	56248.7	1.31	56372.14	56373.07031	56389.79762	56416.37891	503570.8	5411199.9
L3570.0	503570.8	5411199.9	80255.50000	339.67	0	48.853756	-86.951322	56370.17	56248.7	1.31	56371.48	56372.39453	56376.98539	56403.03125	503570.8	5411199.9
L3570.0	503570.9	5411200.3	80255.60156	341.75	0	48.853759	-86.951322	56370.44	56248.7	1.31	56371.75	56372.64453	56383.41747	56408.92969	503570.9	5411200.3
L3570.0	503570.9	5411200.7	80255.60156	341.19	0	48.853763	-86.951321	56370.09	56248.7	1.31	56371.41	56372.28906	56377.23847	56402.21875	503570.9	5411200.7
L3570.0	503570.9	5411201.0	80255.70313	340.20	0	48.853766	-86.951321	56370.09	56248.7	1.31	56371.40	56372.26172	56377.89327	56402.34766	503570.9	5411201.0
L3570.0	503570.9	5411201.5	80255.79688	340.69	0	48.853770	-86.951321	56369.79	56248.7	1.32	56371.10	56371.94531	56372.55725	56396.48438	503570.9	5411201.5
L3570.0	503570.9	5411201.5	80256.00000	339.42	0	48.853770	-86.951321	56369.73	56248.7	1.32	56371.05	56371.87891	56372.40105	56395.80469	503570.9	5411201.5
L3570.0	503571.0	5411202.0	80256.10156	324.32	0	48.853775	-86.951320	56369.82	56248.7	1.32	56371.13	56371.94141	56374.94287	56397.82422	503571.0	5411202.0
L3570.0	503571.0	5411202.6	80256.20313	322.44	0	48.853780	-86.951320	56369.71	56248.7	1.31	56371.02	56371.81250	56373.56377	56395.92969	503571.0	5411202.6
L3570.0	503571.0	5411202.6	80256.29688	338.97	0	48.853780	-86.951320	56369.96	56248.7	1.31	56371.26	56372.03516	56379.43442	56401.28516	503571.0	5411202.6
L3570.0	503571.0	5411203.4	80256.39844	340.35	0	48.853787	-86.951320	56369.82	56248.7	1.30	56371.12	56371.87891	56377.45481	56398.79688	503571.0	5411203.4
L3570.0	503571.0	5411203.8	80256.50000	339.32	0	48.853791	-86.951320	56370.12	56248.7	1.30	56371.42	56372.16406	56384.58760	56405.42188	503571.0	5411203.8
L3570.0	503571.0	5411204.4	80256.60156	336.79	0	48.853797	-86.951320	56370.14	56248.7	1.30	56371.44	56372.16797	56385.93965	56406.27344	503571.0	5411204.4
L3570.0	503571.0	5411204.4	80256.60156	337.07	0	48.853797	-86.951320	56370.44	56248.7	1.30	56371.74	56372.44922	56393.09538	56412.92969	503571.0	5411204.4
L3570.0	503571.0	5411205.0	80256.79688	338.50	0	48.853802	-86.951320	56370.24	56248.7	1.29	56371.53	56372.22266	56389.71366	56409.05469	503571.0	5411205.0
L3570.0	503571.0	5411205.6	80256.89844	339.43	0	48.853807	-86.951320	56370.61	56248.7	1.28	56371.89	56372.56641	56398.13545	56416.98828	503571.0	5411205.6
L3570.0	503571.0	5411205.6	80257.00000	338.96	0	48.853807	-86.951320	56370.27	56248.7	1.28	56371.55	56372.21094	56392.09054	56410.45703	503571.0	5411205.6
L3570.0	503571.0	5411206.3	80257.10156	339.44	0	48.853813	-86.951320	56369.96	56248.7	1.28	56371.24	56371.88672	56386.67379	56404.55859	503571.0	5411206.3
L3570.0	503571.0	5411206.9	80257.20313	340.00	0	48.853820	-86.951320	56369.81	56248.7	1.28	56371.09	56371.71875	56384.43728	56401.84766	503571.0	5411206.9
L3570.0	503571.0	5411206.9	80257.29688	340.91	0	48.853820	-86.951320	56369.50	56248.7	1.29	56370.79	56371.40625	56379.20789	56396.14844	503571.0	5411206.9
L3570.0	503571.0	5411207.7	80257.39844	341.26	0	48.853827	-86.951320	56369.63	56248.7	1.29	56370.92	56371.51953	56382.67678	56399.15234	503571.0	5411207.7
L3570.0	503571.0	5411208.4	80257.50000	340.65	0	48.853833	-86.951320	56369.84	56248.7	1.29	56371.13	56371.71484	56387.59588	56403.60938	503571.0	5411208.4
L3570.0	503571.0	5411209.1	80257.60156	342.12	0	48.853839	-86.951320	56369.88	56248.7	1.29	56371.18	56371.75000	56389.24732	56404.80469	503571.0	5411209.1
L3570.0	503571.0	5411209.1	80257.60156	324.18	0	48.853839	-86.951320	56369.79	56248.7	1.29	56371.08	56371.63672	56387.98348	56403.09375	503571.0	5411209.1
L3570.0	503571.0	5411209.8	80257.70313	322.40	0	48.853845	-86.951320	56369.73	56248.7	1.29	56371.03	56371.57031	56387.67483	56402.33984	503571.0	5411209.8
L3570.0	503571.0	5411209.8	80257.79688	340.35	0	48.853845	-86.951320	56369.53	56248.7	1.30	56370.82	56371.34766	56384.47236	56398.70313	503571.0	5411209.8
L3570.0	503571.0	5411210.7	80258.00000	341.85	0	48.853853	-86.951319	56369.82	56248.7	1.30	56371.12	56371.63281	56390.40420	56404.19922	503571.0	5411210.7
L3570.0	503571.1	5411211.6	80258.10156	341.60	0	48.853861	-86.951319	56369.66	56248.7	1.30	56370.95	56371.44922	56387.94988	56401.32031	503571.1	5411211.6
L3570.0	503571.1	5411211.6	80258.20313	342.70	0	48.853861	-86.951319	56370.12	56248.7	1.30	56371.42	56371.90234	56396.35678	56409.30859	503571.1	5411211.6
L3570.0	503571.1	5411212.5	80258.29688	324.05	0	48.853869	-86.951318	56369.48	56248.7	1.29	56370.77	56371.23828	56385.99601	56398.53516	503571.1	5411212.5
L3570.0	503571.1	5411213.2	80258.39844	324.33	0	48.853875	-86.951318	56369.27	56248.7	1.29	56370.57	56371.02734	56383.33638	56395.46875	503571.1	5411213.2
L3570.0	503571.1	5411213.2	80258.50000	324.11	0	48.853875	-86.951318	56369.14	56248.7	1.29	56370.43	56370.87500	56375.43780	56387.16797	503571.1	5411213.2
L3570.0	503571.2	5411214.2	80258.60156	322.43	0	48.853885	-86.951318	56369.27	56248.7	1.29	56370.56	56370.99219	56379.36566	56390.69922	503571.2	5411214.2
L3570.0	503571.2	5411215.0	80258.70313	323.09	0	48.853892	-86.951317	56369.38	56248.7	1.29	56370.67	56371.08594	56382.72666	56393.67188	503571.2	5411215.0
L3570.0	503571.2	5411215.0	80258.79688	321.04	0	48.853892	-86.951317	56369.12	56248.7	1.28	56370.40	56370.80469	56377.97723	56388.54297	503571.2	5411215.0
L3570.0	503571.2	5411215.9	80258.89844	319.76	0	48.853900	-86.951317	56369.27	56248.7	1.28	56370.56	56370.95313	56382.37379	56392.56641	503571.2	5411215.9
L3570.0	503571.3	5411216.7	80259.00000	318.55	0	48.853907	-86.951316	56368.94	56248.7	1.28	56370.22	56370.60156	56376.50350	56386.32813	503571.3	5411216.7
L3570.0	503571.3	5411216.7	80259.10156	319.91	0	48.853907	-86.951316	56368.79	56248.7	1.28	56370.07	56370.43750	56374.68452	56384.14844	503571.3	5411216.7
L3570.0	503571.3	5411217.7	80259.20313	321.47	0	48.853917	-86.951316	56368.66	56248.7	1.28	56369.94	56370.29688	56373.36505	56382.47266	503571.3	5411217.7
L3570.0	503571.3	5411218.8	80259.29688	322.31	0	48.853926	-86.951315	56368.23	56248.7	1.28	56369.51	56369.85547	56366.21416	56374.97656	503571.3	5411218.8
L3570.0	503571.4	5411219.5	80259.39844	322.86	0	48.853933	-86.951315	56368.43	56248.7	1.28	56369.71	56370.04297	56371.54419	56379.96484	503571.4	5411219.5
L3570.0	503571.4	5411219.5	80259.50000	324.67	0	48.853933	-86.951315	56368.69	56248.7	1.28	56369.97	56370.29297	56378.07075	56386.15625	503571.4	5411219.5
L3570.0	503571.4	5411220.7	80259.60156	324.57	0	48.853943	-86.951314	56368.56	56248.7	1.28	56369.84	56370.15234	56377.01619	56384.77734	503571.4	5411220.7

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L3570.0	503571.4	5411220.7	80259.70313	322.84	0	48.853943	-86.951314	56368.66	56248.7	1.28	56369.94	56370.24219	56380.54237	56387.98438	503571.4	5411220.7
L3570.0	503571.4	5411221.8	80259.70313	321.08	0	48.853953	-86.951314	56368.41	56248.7	1.28	56369.69	56369.98047	56377.25351	56384.38281	503571.4	5411221.8
L3570.0	503571.4	5411222.8	80259.89844	320.94	0	48.853962	-86.951314	56368.48	56248.7	1.28	56369.76	56370.03906	56380.34111	56387.16406	503571.4	5411222.8
L3570.0	503571.4	5411222.8	80260.00000	321.92	0	48.853962	-86.951314	56368.31	56248.7	1.28	56369.58	56369.85156	56378.53814	56385.06250	503571.4	5411222.8
L3570.0	503571.4	5411223.7	80260.10156	323.27	0	48.853970	-86.951314	56368.00	56248.7	1.28	56369.28	56369.54297	56374.36844	56380.60156	503571.4	5411223.7
L3570.0	503571.4	5411224.6	80260.20313	324.12	0	48.853979	-86.951314	56368.07	56248.7	1.28	56369.35	56369.60156	56377.66588	56383.61328	503571.4	5411224.6
L3570.0	503571.4	5411225.5	80260.29688	324.50	0	48.853987	-86.951314	56367.85	56248.7	1.28	56369.13	56369.37109	56375.18136	56380.85156	503571.4	5411225.5
L3570.0	503571.4	5411225.5	80260.39844	325.63	0	48.853987	-86.951314	56367.76	56248.7	1.28	56369.04	56369.27344	56375.37422	56380.77344	503571.4	5411225.5
L3570.0	503571.4	5411226.7	80260.50000	326.21	0	48.853997	-86.951314	56367.67	56248.7	1.28	56368.95	56369.17578	56375.62494	56380.76172	503571.4	5411226.7
L3570.0	503571.4	5411227.7	80260.60156	326.31	0	48.854006	-86.951314	56367.48	56248.7	1.28	56368.76	56368.97656	56373.88765	56378.76563	503571.4	5411227.7
L3570.0	503571.4	5411228.7	80260.70313	325.81	0	48.854016	-86.951314	56367.38	56248.7	1.28	56368.66	56368.86719	56374.04780	56378.67578	503571.4	5411228.7
L3570.0	503571.4	5411228.7	80260.79688	326.42	0	48.854016	-86.951314	56367.23	56248.7	1.28	56368.51	56368.71094	56373.24246	56377.62891	503571.4	5411228.7
L3570.0	503571.4	5411229.8	80260.89844	323.59	0	48.854025	-86.951314	56367.20	56248.7	1.28	56368.48	56368.67188	56374.96432	56379.11719	503571.4	5411229.8
L3570.0	503571.4	5411230.9	80261.00000	323.28	0	48.854035	-86.951314	56366.97	56248.7	1.28	56368.25	56368.43359	56372.63801	56376.55859	503571.4	5411230.9
L3570.0	503571.4	5411230.9	80261.10156	321.84	0	48.854035	-86.951314	56367.03	56248.7	1.28	56368.31	56368.48828	56376.33515	56380.03125	503571.4	5411230.9
L3570.0	503571.4	5411232.0	80261.20313	322.01	0	48.854045	-86.951314	56366.82	56248.7	1.28	56368.10	56368.26953	56374.54658	56378.02734	503571.4	5411232.0
L3570.0	503571.4	5411233.0	80261.29688	322.15	0	48.854054	-86.951314	56366.82	56248.7	1.27	56368.10	56368.26172	56377.12858	56380.40234	503571.4	5411233.0
L3570.0	503571.4	5411234.2	80261.39844	323.60	0	48.854065	-86.951314	56366.57	56248.7	1.27	56367.85	56368.00781	56374.65338	56377.72656	503571.4	5411234.2
L3570.0	503571.4	5411234.2	80261.50000	324.15	0	48.854065	-86.951314	56366.54	56248.7	1.27	56367.81	56367.96094	56376.53343	56379.40625	503571.4	5411234.2
L3570.0	503571.4	5411235.2	80261.60156	324.94	0	48.854073	-86.951314	56366.52	56248.7	1.27	56367.79	56367.93359	56378.86965	56381.55469	503571.4	5411235.2
L3570.0	503571.4	5411235.2	80261.70313	324.76	0	48.854073	-86.951314	56366.49	56248.7	1.27	56367.75	56367.88672	56380.84701	56383.34766	503571.4	5411235.2
L3570.0	503571.4	5411236.5	80261.70313	324.73	0	48.854086	-86.951314	56366.27	56248.7	1.27	56367.53	56367.66016	56379.25178	56381.57813	503571.4	5411236.5
L3570.0	503571.4	5411237.4	80261.89844	325.41	0	48.854093	-86.951314	56366.18	56248.7	1.26	56367.45	56367.57813	56380.54299	56382.69531	503571.4	5411237.4
L3570.0	503571.4	5411238.7	80262.00000	324.78	0	48.854105	-86.951315	56365.81	56248.7	1.26	56367.07	56367.19141	56375.91444	56377.90234	503571.4	5411238.7
L3570.0	503571.4	5411238.7	80262.10156	323.48	0	48.854105	-86.951315	56365.70	56248.7	1.26	56366.96	56367.07422	56376.75793	56378.58594	503571.4	5411238.7
L3570.0	503571.3	5411240.0	80262.20313	323.59	0	48.854117	-86.951315	56365.39	56248.7	1.26	56366.65	56366.76172	56373.71532	56375.39063	503571.3	5411240.0
L3570.0	503571.3	5411241.0	80262.29688	323.72	0	48.854126	-86.951315	56365.32	56248.7	1.26	56366.58	56366.68750	56375.50312	56377.03516	503571.3	5411241.0
L3570.0	503571.3	5411242.1	80262.39844	323.91	0	48.854135	-86.951315	56365.09	56248.7	1.26	56366.35	56366.45313	56374.21562	56375.60547	503571.3	5411242.1
L3570.0	503571.3	5411242.1	80262.50000	322.70	0	48.854135	-86.951315	56365.09	56248.7	1.26	56366.35	56366.44531	56377.54002	56378.79297	503571.3	5411242.1
L3570.0	503571.3	5411243.2	80262.60156	321.90	0	48.854146	-86.951315	56365.01	56248.7	1.26	56366.27	56366.36328	56379.38148	56380.50781	503571.3	5411243.2
L3570.0	503571.3	5411244.5	80262.70313	322.00	0	48.854158	-86.951316	56364.73	56248.7	1.26	56365.99	56366.07813	56377.37920	56378.37891	503571.3	5411244.5
L3570.0	503571.3	5411245.6	80262.79688	321.04	0	48.854167	-86.951316	56364.42	56248.7	1.26	56365.68	56365.76563	56374.86816	56375.75000	503571.3	5411245.6
L3570.0	503571.3	5411245.6	80262.89844	322.44	0	48.854167	-86.951316	56364.04	56248.7	1.26	56365.30	56365.38281	56371.03237	56371.80078	503571.3	5411245.6
L3570.0	503571.2	5411246.9	80263.00000	320.89	0	48.854179	-86.951316	56364.20	56248.7	1.26	56365.46	56365.53906	56378.10045	56378.76172	503571.2	5411246.9
L3570.0	503571.2	5411246.9	80263.10156	320.75	0	48.854179	-86.951316	56363.71	56248.7	1.26	56364.98	56365.05469	56372.40115	56372.95703	503571.2	5411246.9
L3570.0	503571.2	5411248.0	80263.20313	321.23	0	48.854189	-86.951316	56363.96	56248.7	1.26	56365.23	56365.30078	56381.70907	56382.16797	503571.2	5411248.0
L3570.0	503571.2	5411249.6	80263.29688	322.12	0	48.854203	-86.951316	56363.36	56248.7	1.27	56364.62	56364.68750	56373.42238	56373.78906	503571.2	5411249.6
L3570.0	503571.2	5411250.8	80263.39844	321.74	0	48.854214	-86.951316	56363.50	56248.7	1.27	56364.77	56364.83594	56381.15217	56381.43359	503571.2	5411250.8
L3570.0	503571.2	5411250.8	80263.50000	323.65	0	48.854214	-86.951316	56362.84	56248.7	1.27	56364.11	56364.17578	56371.72118	56371.91797	503571.2	5411250.8
L3570.0	503571.2	5411252.2	80263.60156	324.27	0	48.854227	-86.951317	56362.84	56248.7	1.27	56364.12	56364.18359	56376.87279	56376.98828	503571.2	5411252.2
L3570.0	503571.2	5411253.3	80263.70313	324.07	0	48.854236	-86.951317	56362.82	56248.7	1.27	56364.09	56364.14844	56381.47473	56381.51563	503571.2	5411253.3
L3570.0	503571.2	5411254.4	80263.70313	324.48	0	48.854247	-86.951317	56362.41	56248.7	1.27	56363.68	56363.73828	56373.91686	56373.89063	503571.2	5411254.4
L3570.0	503571.2	5411254.4	80263.89844	321.80	0	48.854247	-86.951317	56362.34	56248.7	1.28	56363.61	56363.66406	56376.64175	56376.54688	503571.2	5411254.4
L3570.0	503571.2	5411255.9	80264.00000	321.13	0	48.854260	-86.951317	56361.59	56248.7	1.28	56362.87	56362.92578	56368.32036	56368.16406	503571.2	5411255.9
L3570.0	503571.2	5411257.4	80264.10156	319.67	0	48.854273	-86.951317	56361.85	56248.7	1.28	56363.13	56363.18359	56376.96699	56376.75391	503571.2	5411257.4
L3570.0	503571.1	5411258.4	80264.20313	321.51	0	48.854282	-86.951318	56361.36	56248.7	1.28	56362.64	56362.69141	56372.87306	56372.60547	503571.1	5411258.4
L3570.0	503571.1	5411258.4	80264.29688	339.81	0	48.854282	-86.951318	56361.34	56248.7	1.28	56362.61	56362.66016	56377.03910	56376.72266	503571.1	5411258.4
L3570.0	503571.1	5411259.9	80264.39844	339.93	0	48.854296	-86.951318	56360.75	56248.7	1.28	56362.03	56362.07813	56371.29138	56370.92969	503571.1	5411259.9
L3570.0	503571.1	5411259.9	80264.50000	340.17	0	48.854296	-86.951318	56360.77	56248.7	1.28	56362.05	56362.09766	56376.80364	56376.39844	503571.1	5411259.9
L3570.0	503571.1	5411261.4	80264.60156	340.64	0	48.854309	-86.951318	56360.52	56248.7	1.27	56361.79	56361.83594	56377.23580	56376.78906	503571.1	5411261.4
L3570.0	503571.1	5411263.0	80264.60156	339.96	0	48.854324	-86.951318	56360.21	56248.7	1.27	56361.49	56361.53516	56377.00872	56376.52734	503571.1	5411263.0
L3570.0	503571.1	5411263.0	80264.79688	341.18	0	48.854324	-86.951318	56360.04	56248.7	1.27	56361.31	56361.35547	56379.31392	56378.80078	503571.1	5411263.0
L3570.0	503571.1	5411264.6	80264.89844	340.53	0	48.854338	-86.951319	56359.35	56248.7	1.27	56360.62	56360.66406	56371.35037	56370.80469	503571.1	5411264.6
L3570.0	503571.0	5411265.8	80265.00000	341.80	0	48.854349	-86.951319	56359.61	56248.7	1.27	56360.88	56360.92578	56382.88650	56382.31250	503571.0	5411265.8
L3570.0	503571.0	5411265.8	80265.10156	342.57	0	48.854349	-86.951319	56359.16	56248.7	1.27	56360.43	56360.47656	56379.79919	56379.20313	503571.0	5411265.8
L3570.0	503571.0	5411267.3	80265.20313	343.05	0	48.854363	-86.951319	56358.94	56248.7	1.27	56360.21	56360.25391	56381.62034	56381.00391	503571.0	5411267.3
L3570.0	503571.0	5411268.6	80265.29688	340.58	0	48.854375	-86.951319	56358.09	56248.7	1.27	56359.37	56359.41406	56370.76921	56370.13281	503571.0	5411268.6
L3570.0	503571.0	5411268.6	80265.39844	339.57	0	48.854375	-86.951319	56358.07	56248.7	1.27	56359.34	56359.38672	56376.82815	56376.17578	503571.0	5411268.6
L3570.0	503571.0	5411270.2	80265.50000	339.15	0	48.854389	-86.951319	56357.72	56248.7	1.27	56358.99	56359.03516	56376.42427	56375.75781	503571.0	5411270.2
L3570.0	503571.0	5411271.7	80265.60156	339.34	0	48.854402	-86.951319	56357.46	56248.7	1.28	56358.73	56358.77734	56378.04041	56377.36328	503571.0	5411271.7
L3570.0	503571.0	5411271.7	80265.60156	339.99	0	48.854402	-86.951319	56357.25	56248.7	1.28	56358.53	56358.57422	56381.05764	56380.37109	503571.0	5411271.7
L3570.0	503571.0	5411273.3	80265.70313	340.15	0	48.854416	-86.951319	56356.59	56248.7	1.28	56357.86	56357.90625	56374.51414	56373.82031	503571.0	5411273.3
L3570.0	503571.0	5411273.3	80265.79688	341.25	0	48.854416	-86.951319	56356.44	56248.7	1.28	56357.72	56357.76563	56379.09690	56378.39844	503571.0	5411273.3
L3570.0	503571.0	5411274.5	80266.00000	341.11	0	48.854427	-86.951319	56355.80	56248.7	1.28	56357.08	56357.12891	56373.50106	56372.80078	503571.0	5411274.5
L3570.0	503571.0	5411275.8	80266.10156	343.51	0	48.854439	-86.951319	56355.75	56248.7	1.28	56357.02	56357.07031	56380.06822	56379.36328	503571.0	5411275.8
L3570.0	503571.0	5411276.9	80266.20313	342.58	0	48.854448	-86.951319	56355.14	56248.7	1.28	56356.42	56356.46875	56375.63156	56374.92969	503571.0	5411276.9
L3570.0	503571.0	5411276.9	80266.29688	343.03	0	48.854448	-86.951319	56355.04	56248.7	1.28	56356.32	56356.37109	56381.70498	56381.00391	503571.0	5411276.9
L3570.0	503571.0	5411278.2	80266.39844	343.59	0	48.854461	-86.951319	56354.70	56248.7	1.28	56355.97	56356.01953	56382.77505	56382.07813	503571.0	5411278.2
L3570.0	503571.0	5411279.3	80266.50000	342.42	0	48.854471	-86.951319	56354.45	56248.7	1.27	56355.72	56355.77344	56386.08230	56385.39063	503571.0	5411279.3
L3570.0	503571.0	5411279.3	80266.60156	341.03	0	48.854471	-86.951319	56353.91	56248.7	1.27	56355.18	56355.23438	56383.55980	56382.87500	503571.0	5411279.3
L3570.0	503571.0	5411280.6	80266.70313	341.31	0	48.854482	-86.951318	56353.32	56248.7	1.27	56354.60	56354.65625	56380.37924	56379.70313	503571.0	5411280.6
L3570.0	503571.1	5411282.0	80266.79688	342.43	0	48.854495	-86.951318	56352.91	56248.7	1.27	56354.19	56354.24609	56380.88470	56380.21875	503571.1	5411282.0
L3570.0	503571.1	5411283.6	80266.89844	342.38	0	48.854509	-86.951318	56352.54	56248.7	1.27	56353.81	56353.86719	56382.18014	56381.52344	503571.1	5411283.6
L3570.0	503571.1	5411283.6	80267.00000	341.96	0	48.854509	-86.951318	56352.33	56248.7	1.27	56353.60	56353.66016	56387.16130	56386.51563	503571.1	5411283.6
L3570.0	503571.1	5411284.9	80267.10156	341.38	0	48.854521	-86.951318	56351.36	56248.7	1.27	56352.63	56352.69141	56376.59018	56375.95703	503571.1	5411284.9
L3570.0	503571.1	5411286.4	80267.20313	341.50	0	48.854534	-86.951318	56351.11	56248.7	1.27	56352.38	56352.44141	56381.08085	56380.46094	503571.1	5411286.4
L3570.0	503571.1	5411286.4	80267.29688	341.22	0	48.854534	-86.951318	56350.48	56248.7	1.28	56351.76	56351.82422	56378.08521	56377.48047	503571.1	5411286.4
L3570.0	503571.1	5411288.1	80267.39844	340.45	0	48.854550	-86.951318	56350.24	56248.7	1.28	56351.52	56351.58594	56383.11649	56382.52734	503571.1	5411288.1
L3570.0	503571.0	5411289.6	80267.50000	341.38	0	48.854563	-86.951318	56349.85	56248.7	1.28	56351.13	56351.19531	56385.21012	56384.63672	503571.0	5411289.6
L3570.0	503571.0	5411289.6	80267.60156	340.85	0	48.854563	-86.951318	56349.12	56248.7	1.28	56350.40	56350.46875	56380.43446	56379.87891	503571.0	5411289.6
L3570.0	503571.0	5411291.1	80267.60156	340.50	0	48.854577	-86.951319	56348.68	56248.7	1.28	56349.96	56350.03125	56381.81984	56381.28125	503571.0	5411291.1
L3570.0	503571.0	5411292.8	80267.70313	339.08	0	48.854592	-86.951319	56348.09	56248.7	1.28	56349.37	56349.44141	56380.26280	56379.74219	503571.0	5411292.8
L3570.0	503571.0	5411292.8	80267.79688	339.22	0	48.854592	-86.951319	56347.79	56248.7	1.29	56349.07	56349.14453	56384.86297	56384.36328	503571.0	5411292.8
L3570.0	503571.0	5411294.2	80268.00000	339.08	0	48.854604	-86.951319	56347.22	56248.7	1.29	56348.51	56348.58594	56384.24107	56383.75781	503571.0	5411294.2
L3570.0	503571.0	5411295.6	80268.10156	337.93	0	48.854617	-86.951319	56346.72	56248.7	1.29	56348.01	56348.08594	56385.01402	56384.55078	503571.0	5411295.6
L3570.0	503571.0	5411296.9	80268.20313	339.44	0	48.854628	-86.951320	56346.07	56248.7	1.29	56347.36	56347.43750	56382.83519	56382.39063	503571.0	5411296.9
L3570.0	503570.9	5411298.4	80268.29688	338.36	0	48.854642	-86.951320	56345.57	56248.7	1.28	56346.85	56346.92969	56383.70052	56383.27734	503570.9	5411298.4
L3570.0	503570.9	5411298.4	80268.39844	338.50	0	48.854642	-86.951320	56344.90	56248.7	1.28	56346.18	56346.26172	56381.40121	56381.00000	503570.9	5411298.4
L3570.0	503570.9	5411299.7	80268.50000	337.81	0	48.854654	-86.951320	56344.47	56248.7	1.28	56345.75	56345.83203	56384.20816	56383.82422	503570.9	5411299.7
L3570.0	503570.9	5411301.0	80268.60156	339.07	0	48.854665	-86.951320	56344.11	56248.7	1.28	56345.39	56345.47656	56388.60127	56388.23828	503570.9	5411301.0
L3570.0	503570.9	5411302.5	80268.60156	337.58	0	48.854679	-86.951320	56343.37	56248.7	1.28	56344.65	56344.73828	56385.26823	56384.92578	503570.9	5411302.5
L3570.0	503570.9	5411302.5	80268.79688	339.28	0	48.854679	-86.951320	56342.58	56248.7	1.27	56343.85	56343.93750	56380.82442	56380.50391	503570.9	5411302.5
L3570.0	503570.9	5411304.3	80268.89844	339.44	0	48.854696	-86.951320	56342.18	56248.7	1.27	56343.45	56343.54297	56384.78097	56384.48438	503570.9	5411304.3

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L3570.0	503570.9	5411304.3	80269.00000	340.98	0	48.854696	-86.951320	56341.46	56248.7	1.27	56342.73	56342.82422	56382.23979	56381.96484	503570.9	5411304.3
L3570.0	503570.9	5411305.7	80269.10156	340.88	0	48.854708	-86.951320	56340.79	56248.7	1.27	56342.06	56342.15625	56380.84986	56380.59375	503570.9	5411305.7
L3570.0	503570.9	5411307.3	80269.20313	340.57	0	48.854722	-86.951320	56340.21	56248.7	1.27	56341.47	56341.56641	56381.22684	56380.99219	503570.9	5411307.3
L3570.0	503570.9	5411308.8	80269.29688	323.63	0	48.854736	-86.951320	56339.64	56248.7	1.26	56340.91	56341.00781	56382.33132	56382.12109	503570.9	5411308.8
L3570.0	503570.9	5411308.8	80269.39844	324.35	0	48.854736	-86.951320	56339.03	56248.7	1.26	56340.29	56340.39063	56382.29623	56382.10547	503570.9	5411308.8
L3570.0	503570.9	5411310.5	80269.39844	338.91	0	48.854751	-86.951320	56338.50	56248.7	1.26	56339.76	56339.86328	56384.19082	56384.01953	503570.9	5411310.5
L3570.0	503570.9	5411312.0	80269.60156	339.25	0	48.854765	-86.951320	56337.63	56248.7	1.26	56338.89	56338.99609	56378.97536	56378.82813	503570.9	5411312.0
L3570.0	503570.9	5411312.0	80269.60156	340.75	0	48.854765	-86.951320	56336.94	56248.7	1.26	56338.20	56338.30469	56377.55180	56377.42578	503570.9	5411312.0
L3570.0	503570.9	5411313.3	80269.70313	340.51	0	48.854776	-86.951320	56336.45	56248.7	1.26	56337.71	56337.82031	56380.26234	56380.15625	503570.9	5411313.3
L3570.0	503570.9	5411314.6	80269.79688	339.72	0	48.854788	-86.951320	56335.52	56248.7	1.25	56336.77	56336.87891	56373.87873	56373.79688	503570.9	5411314.6
L3570.0	503570.9	5411316.0	80269.89844	338.25	0	48.854800	-86.951320	56334.52	56248.7	1.25	56335.77	56335.88281	56366.40731	56366.34375	503570.9	5411316.0
L3570.0	503570.9	5411316.0	80270.00000	340.03	0	48.854800	-86.951320	56334.03	56248.8	1.25	56335.28	56335.39453	56369.25281	56369.21094	503570.9	5411316.0
L3570.0	503570.9	5411317.8	80270.10156	323.03	0	48.854817	-86.951320	56333.39	56248.7	1.25	56334.64	56334.75781	56369.11450	56369.09375	503570.9	5411317.8
L3570.0	503570.9	5411319.4	80270.20313	321.07	0	48.854831	-86.951320	56332.53	56248.7	1.26	56333.78	56333.89844	56364.67082	56364.67188	503570.9	5411319.4
L3570.0	503570.9	5411319.4	80270.29688	338.56	0	48.854831	-86.951320	56331.81	56248.7	1.26	56333.07	56333.19141	56363.23870	56363.25781	503570.9	5411319.4
L3570.0	503570.9	5411320.8	80270.50000	339.58	0	48.854843	-86.951320	56331.07	56248.7	1.26	56332.33	56332.45313	56361.25433	56361.29297	503570.9	5411320.8
L3570.0	503570.9	5411322.2	80270.60156	341.79	0	48.854856	-86.951320	56330.38	56248.7	1.27	56331.65	56331.77344	56360.45493	56360.51172	503570.9	5411322.2
L3570.0	503570.9	5411322.2	80270.60156	343.34	0	48.854856	-86.951320	56329.77	56248.7	1.27	56331.04	56331.16406	56360.99658	56361.07422	503570.9	5411322.2
L3570.0	503570.9	5411323.7	80270.79688	342.55	0	48.854870	-86.951320	56328.70	56248.7	1.27	56329.97	56330.09766	56352.80786	56352.90625	503570.9	5411323.7
L3570.0	503570.9	5411325.1	80270.89844	323.11	0	48.854883	-86.951320	56327.90	56248.7	1.28	56329.18	56329.30859	56349.98903	56350.10547	503570.9	5411325.1
L3570.0	503570.9	5411325.1	80271.00000	321.69	0	48.854883	-86.951320	56327.22	56248.7	1.28	56328.50	56328.63281	56349.23198	56349.36719	503570.9	5411325.1
L3570.0	503570.9	5411326.2	80271.10156	342.29	0	48.854893	-86.951320	56326.52	56248.7	1.28	56327.80	56327.93359	56348.07583	56348.23047	503570.9	5411326.2
L3570.0	503570.9	5411327.9	80271.20313	340.28	0	48.854907	-86.951320	56325.74	56248.7	1.28	56327.02	56327.15625	56345.42771	56345.60156	503570.9	5411327.9
L3570.0	503570.9	5411329.0	80271.29688	322.70	0	48.854918	-86.951321	56324.51	56248.7	1.28	56325.79	56325.92578	56334.65869	56334.85156	503570.9	5411329.0
L3570.0	503570.9	5411329.0	80271.39844	323.01	0	48.854918	-86.951321	56323.80	56248.7	1.28	56325.08	56325.21875	56333.33392	56333.54297	503570.9	5411329.0
L3570.0	503570.8	5411331.7	80271.50000	321.17	0	48.854941	-86.951321	56323.06	56248.7	1.28	56324.34	56324.48047	56331.44225	56331.67188	503570.8	5411331.7
L3570.0	503570.8	5411331.7	80271.60156	322.16	0	48.854941	-86.951321	56322.24	56248.7	1.28	56323.52	56323.66016	56328.13585	56328.37891	503570.8	5411331.7
L3570.0	503570.8	5411333.5	80271.60156	341.14	0	48.854958	-86.951321	56321.50	56248.7	1.28	56322.78	56322.92188	56326.20560	56326.46875	503570.8	5411333.5
L3570.0	503570.8	5411333.5	80271.70313	338.80	0	48.854958	-86.951321	56320.45	56248.7	1.28	56321.73	56321.87500	56319.04613	56319.32422	503570.8	5411333.5
L3570.0	503570.8	5411335.3	80271.79688	338.00	0	48.854974	-86.951321	56319.76	56248.7	1.28	56321.04	56321.18750	56317.96949	56318.26563	503570.8	5411335.3
L3570.0	503570.8	5411336.9	80272.00000	339.65	0	48.854988	-86.951321	56318.80	56248.7	1.28	56320.08	56320.23047	56312.46745	56312.78125	503570.8	5411336.9
L3570.0	503570.8	5411336.9	80272.10156	323.53	0	48.854988	-86.951321	56317.98	56248.7	1.28	56319.26	56319.41016	56309.29339	56309.62109	503570.8	5411336.9
L3570.0	503570.8	5411338.4	80272.20313	324.37	0	48.855002	-86.951322	56316.91	56248.7	1.28	56318.18	56318.33203	56298.87914	56299.22266	503570.8	5411338.4
L3570.0	503570.8	5411340.0	80272.29688	339.91	0	48.855016	-86.951322	56316.29	56248.7	1.28	56317.56	56317.71484	56302.22070	56302.58203	503570.8	5411340.0
L3570.0	503570.8	5411341.7	80272.39844	320.82	0	48.855032	-86.951322	56315.31	56248.7	1.28	56316.58	56316.73438	56297.56919	56297.94531	503570.8	5411341.7
L3570.0	503570.8	5411341.7	80272.50000	322.00	0	48.855032	-86.951322	56314.64	56248.7	1.28	56315.91	56316.06641	56299.58610	56299.97656	503570.8	5411341.7
L3570.0	503570.8	5411343.5	80272.60156	324.64	0	48.855048	-86.951322	56313.76	56248.7	1.27	56315.03	56315.18750	56297.07020	56297.47266	503570.8	5411343.5
L3570.0	503570.8	5411343.5	80272.70313	320.06	0	48.855048	-86.951322	56312.68	56248.7	1.27	56313.95	56314.10938	56290.50124	56290.91797	503570.8	5411343.5
L3570.0	503570.8	5411344.6	80272.79688	317.56	0	48.855058	-86.951322	56311.95	56248.7	1.27	56313.22	56313.38281	56291.00726	56291.44141	503570.8	5411344.6
L3570.0	503570.8	5411346.1	80272.89844	321.14	0	48.855071	-86.951322	56310.96	56248.7	1.27	56312.23	56312.39453	56286.30486	56286.75000	503570.8	5411346.1
L3570.0	503570.7	5411347.4	80273.00000	321.84	0	48.855083	-86.951322	56310.16	56248.7	1.27	56311.43	56311.59375	56285.22588	56285.68359	503570.7	5411347.4
L3570.0	503570.7	5411349.2	80273.10156	319.93	0	48.855099	-86.951322	56309.18	56248.7	1.27	56310.45	56310.61719	56280.64423	56281.11719	503570.7	5411349.2
L3570.0	503570.7	5411349.2	80273.20313	319.71	0	48.855099	-86.951322	56308.53	56248.7	1.27	56309.79	56309.95703	56281.86160	56282.34766	503570.7	5411349.2
L3570.0	503570.7	5411350.6	80273.29688	317.04	0	48.855112	-86.951322	56307.44	56248.7	1.26	56308.70	56308.86719	56275.05902	56275.55859	503570.7	5411350.6
L3570.0	503570.7	5411350.6	80273.39844	317.01	0	48.855112	-86.951322	56306.54	56248.7	1.26	56307.80	56307.96875	56271.56372	56272.07422	503570.7	5411350.6
L3570.0	503570.7	5411352.2	80273.50000	317.58	0	48.855126	-86.951322	56305.73	56248.7	1.26	56306.99	56307.16016	56269.45020	56269.97266	503570.7	5411352.2
L3570.0	503570.7	5411353.5	80273.60156	317.51	0	48.855138	-86.951322	56304.98	56248.7	1.26	56306.24	56306.41406	56268.12121	56268.65234	503570.7	5411353.5
L3570.0	503570.7	5411355.6	80273.60156	318.79	0	48.855156	-86.951322	56304.22	56248.7	1.26	56305.48	56305.65234	56266.32053	56266.86328	503570.7	5411355.6
L3570.0	503570.7	5411355.6	80273.70313	319.31	0	48.855156	-86.951322	56303.20	56248.7	1.26	56304.46	56304.63672	56259.71618	56260.27344	503570.7	5411355.6
L3570.0	503570.7	5411356.8	80273.89844	319.12	0	48.855168	-86.951322	56302.39	56248.7	1.25	56303.64	56303.81641	56256.23858	56256.80469	503570.7	5411356.8
L3570.0	503570.7	5411356.8	80274.00000	320.78	0	48.855168	-86.951322	56301.70	56248.8	1.25	56302.95	56303.12891	56254.65474	56255.23047	503570.7	5411356.8
L3570.0	503570.8	5411358.4	80274.10156	321.89	0	48.855182	-86.951322	56300.80	56248.7	1.25	56302.05	56302.22656	56249.08728	56249.67578	503570.8	5411358.4
L3570.0	503570.7	5411359.9	80274.20313	320.17	0	48.855195	-86.951322	56300.16	56248.7	1.25	56301.42	56301.59766	56247.84633	56248.44531	503570.7	5411359.9
L3570.0	503570.8	5411361.7	80274.29688	319.97	0	48.855212	-86.951322	56299.40	56248.7	1.26	56300.65	56300.83203	56243.83315	56244.44141	503570.8	5411361.7
L3570.0	503570.8	5411362.8	80274.39844	318.14	0	48.855221	-86.951322	56298.38	56248.7	1.26	56299.63	56299.81250	56235.07581	56235.69141	503570.8	5411362.8
L3570.0	503570.8	5411362.8	80274.50000	318.33	0	48.855221	-86.951322	56297.64	56248.7	1.26	56298.90	56299.08203	56231.02899	56231.65625	503570.8	5411362.8
L3570.0	503570.8	5411364.7	80274.60156	320.48	0	48.855238	-86.951322	56296.64	56248.7	1.26	56297.91	56298.09375	56222.01606	56222.65234	503570.8	5411364.7
L3570.0	503570.8	5411366.3	80274.60156	320.49	0	48.855253	-86.951322	56296.01	56248.7	1.26	56297.27	56297.45313	56218.82914	56219.47266	503570.8	5411366.3
L3570.0	503570.8	5411366.3	80274.79688	320.81	0	48.855253	-86.951322	56295.67	56248.7	1.27	56296.93	56297.11328	56220.65657	56221.30859	503570.8	5411366.3
L3570.0	503570.8	5411368.0	80274.89844	322.09	0	48.855269	-86.951321	56294.81	56248.7	1.27	56296.07	56296.25391	56212.82105	56213.48438	503570.8	5411368.0
L3570.0	503570.8	5411369.2	80275.00000	323.40	0	48.855279	-86.951321	56294.27	56248.7	1.27	56295.54	56295.72656	56210.53335	56211.20313	503570.8	5411369.2
L3570.0	503570.8	5411369.2	80275.10156	321.60	0	48.855279	-86.951321	56293.84	56248.7	1.27	56295.11	56295.29688	56209.68904	56210.36719	503570.8	5411369.2
L3570.0	503570.8	5411370.8	80275.20313	320.69	0	48.855293	-86.951321	56293.15	56248.7	1.27	56294.42	56294.60547	56203.76363	56204.44922	503570.8	5411370.8
L3570.0	503570.8	5411372.3	80275.29688	322.14	0	48.855307	-86.951321	56292.30	56248.7	1.27	56293.57	56293.75781	56194.53430	56195.23047	503570.8	5411372.3
L3570.0	503570.8	5411374.0	80275.39844	323.52	0	48.855323	-86.951321	56291.89	56248.7	1.27	56293.16	56293.34766	56192.91639	56193.62109	503570.8	5411374.0
L3570.0	503570.8	5411374.0	80275.50000	324.07	0	48.855323	-86.951321	56291.21	56248.7	1.27	56292.48	56292.66797	56185.99198	56186.70313	503570.8	5411374.0
L3570.0	503570.8	5411374.0	80275.60156	324.21	0	48.855323	-86.951321	56290.88	56248.7	1.27	56292.15	56292.33594	56185.06097	56185.77734	503570.8	5411374.0
L3570.0	503570.8	5411376.1	80275.60156	323.03	0	48.855341	-86.951321	56290.46	56248.7	1.27	56291.73	56291.91797	56182.09457	56182.82031	503570.8	5411376.1
L3570.0	503570.8	5411377.7	80275.70313	320.95	0	48.855355	-86.951320	56289.86	56248.7	1.27	56291.13	56291.31641	56175.44503	56176.17969	503570.8	5411377.7
L3570.0	503570.8	5411379.0	80275.89844	321.69	0	48.855367	-86.951320	56289.52	56248.7	1.27	56290.79	56290.97656	56173.13397	56173.87500	503570.8	5411379.0
L3570.0	503570.8	5411379.0	80276.00000	321.50	0	48.855367	-86.951320	56289.12	56248.7	1.27	56290.39	56290.57422	56169.30695	56170.05469	503570.8	5411379.0
L3570.0	503570.9	5411380.9	80276.10156	320.03	0	48.855384	-86.951320	56288.93	56248.7	1.27	56290.20	56290.38672	56168.86440	56169.62109	503570.9	5411380.9
L3570.0	503570.9	5411380.9	80276.20313	318.99	0	48.855384	-86.951320	56288.70	56248.7	1.27	56289.97	56290.15625	56167.23484	56167.99609	503570.9	5411380.9
L3570.0	503570.9	5411382.4	80276.29688	318.08	0	48.855398	-86.951320	56288.38	56248.7	1.27	56289.65	56289.83203	56163.50239	56164.27344	503570.9	5411382.4
L3570.0	503570.9	5411384.1	80276.39844	319.68	0	48.855413	-86.951320	56288.27	56248.7	1.27	56289.55	56289.73438	56163.27189	56164.05078	503570.9	5411384.1
L3570.0	503570.9	5411384.1	80276.50000	319.44	0	48.855413	-86.951320	56288.32	56248.7	1.27	56289.60	56289.78125	56165.24537	56166.03125	503570.9	5411384.1
L3570.0	503570.9	5411385.8	80276.60156	321.87	0	48.855429	-86.951320	56288.40	56248.7	1.28	56289.67	56289.85156	56167.05179	56167.84375	503570.9	5411385.8
L3570.0	503570.9	5411387.1	80276.70313	321.21	0	48.855440	-86.951320	56288.45	56248.7	1.28	56289.73	56289.91016	56168.13930	56168.94141	503570.9	5411387.1
L3570.0	503570.9	5411387.1	80276.79688	320.80	0	48.855440	-86.951320	56288.30	56248.7	1.28	56289.57	56289.74609	56164.72211	56165.53125	503570.9	5411387.1
L3570.0	503570.9	5411389.0	80276.89844	320.98	0	48.855457	-86.951320	56288.37	56248.7	1.28	56289.65	56289.82422	56165.08580	56165.90234	503570.9	5411389.0
L3570.0	503570.9	5411390.4	80277.00000	320.22	0	48.855470	-86.951320	56288.78	56248.7	1.28	56290.06	56290.23438	56170.84623	56171.67188	503570.9	5411390.4
L3570.0	503570.9	5411391.7	80277.10156	320.00	0	48.855482	-86.951320	56288.87	56248.7	1.28	56290.15	56290.32031	56170.29856	56171.13281	503570.9	5411391.7
L3570.0	503570.9	5411391.7	80277.20313	321.17	0	48.855482	-86.951320	56288.68	56248.7	1.28	56289.96	56290.12891	56164.15707	56165.00000	503570.9	5411391.7
L3570.0	503570.9	5411392.8	80277.29688	322.70	0	48.855491	-86.951319	56289.16	56248.7	1.28	56290.44	56290.60547	56169.57754	56170.42578	503570.9	5411392.8
L3570.0	503570.9	5411394.3	80277.39844	321.22	0	48.855505	-86.951319	56289.75	56248.7	1.28	56291.02	56291.18359	56176.30388	56177.16406	503570.9	5411394.3
L3570.0	503570.9	5411394.3	80277.50000	318.35	0	48.855505	-86.951319	56289.88	56248.7	1.27	56291.16	56291.32031	56174.56981	56175.43750	503570.9	5411394.3
L3570.0	503570.9	5411396.2	80277.60156	319.07	0	48.855522	-86.951319	56290.06	56248.7	1.27	56291.33	56291.48828	56172.88074	56173.75781	503570.9	5411396.2
L3570.0	503570.9	5411397.5	80277.60156	319.51	0	48.855534	-86.951319	56290.85	56248.7	1.27	56292.13	56292.28516	56182.17257	56183.05859	503570.9	5411397.5
L3570.0	503570.9	5411397.5	80277.70313	318.30	0	48.855534	-86.951319	56291.23	56248.7	1.27	56292.51	56292.66016	56183.38043	56184.27734	503570.9	5411397.5
L3570.0	503570.9	5411398.9	80277.79688	319.58	0	48.855546	-86.951319	56291.52	56248.7	1.27	56292.79	56292.93750	56182.32576	56183.23047	503570.9	5411398.9
L3570.0	503570.9	5411400.4	80278.00000	320.52	0	48.855560	-86.951319	56291.94	56248.7	1.27	56293.21	56293.35156	56183.41439	56184.33203	503570.9	5411400.4
L3570.0	503570.9	5411400.4	80278.10156	321.68	0	48.855560	-86.951319	56292.43	56248.7	1.27	56293.70	56293.83984	56185.39865	56186.32422	503570.9	5411400.4
L3570.0	503570.9	5411402.0	80278.20313	322.54	0	48.855574	-86.951320	56293.56	56248.7	1.27	56294.83	56294.96484	56198.72669	56199.66406	503570.9	5411402.0

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L3570.0	503570.9	5411403.2	80278.29688	323.67	0	48.855585	-86.951320	56293.94	56248.7	1.27	56295.21	56295.33984	56197.96543	56198.91406	503570.9	5411403.2
L3570.0	503570.9	5411403.2	80278.39844	321.98	0	48.855585	-86.951320	56294.55	56248.7	1.27	56295.81	56295.93359	56200.86964	56201.82813	503570.9	5411403.2
L3570.0	503570.9	5411404.6	80278.50000	321.32	0	48.855597	-86.951320	56295.54	56248.7	1.26	56296.81	56296.92969	56210.71103	56211.68359	503570.9	5411404.6
L3570.0	503570.9	5411405.8	80278.60156	321.72	0	48.855608	-86.951320	56295.86	56248.7	1.26	56297.12	56297.23047	56207.62874	56208.61328	503570.9	5411405.8
L3570.0	503570.9	5411405.8	80278.70313	322.27	0	48.855608	-86.951320	56296.61	56248.7	1.26	56297.88	56297.98438	56212.39415	56213.39063	503570.9	5411405.8
L3570.0	503570.8	5411407.4	80278.79688	322.21	0	48.855623	-86.951320	56297.62	56248.7	1.26	56298.88	56298.98047	56221.13995	56222.14844	503570.8	5411407.4
L3570.0	503570.8	5411408.5	80278.89844	322.37	0	48.855633	-86.951320	56298.17	56248.7	1.26	56299.43	56299.52344	56221.41110	56222.43359	503570.8	5411408.5
L3570.0	503570.8	5411409.9	80279.00000	321.94	0	48.855645	-86.951320	56299.07	56248.7	1.26	56300.33	56300.41797	56227.63019	56228.66797	503570.8	5411409.9
L3570.0	503570.8	5411409.9	80279.10156	321.00	0	48.855645	-86.951320	56300.21	56248.7	1.26	56301.47	56301.55078	56237.75609	56238.80859	503570.8	5411409.9
L3570.0	503570.8	5411411.2	80279.20313	321.98	0	48.855657	-86.951320	56300.50	56248.7	1.26	56301.76	56301.83203	56232.41800	56233.48438	503570.8	5411411.2
L3570.0	503570.8	5411412.5	80279.29688	319.72	0	48.855669	-86.951320	56301.46	56248.7	1.26	56302.72	56302.78516	56238.64361	56239.72656	503570.8	5411412.5
L3570.0	503570.8	5411413.7	80279.39844	318.99	0	48.855680	-86.951320	56302.41	56248.7	1.26	56303.67	56303.72656	56244.34292	56245.44141	503570.8	5411413.7
L3570.0	503570.8	5411413.7	80279.50000	316.79	0	48.855680	-86.951320	56303.45	56248.7	1.26	56304.71	56304.75781	56251.28164	56252.39844	503570.8	5411413.7
L3570.0	503570.8	5411415.2	80279.60156	317.09	0	48.855693	-86.951320	56304.45	56248.7	1.26	56305.71	56305.74609	56257.19400	56258.32813	503570.8	5411415.2
L3570.0	503570.8	5411415.2	80279.60156	317.11	0	48.855693	-86.951320	56305.63	56248.7	1.26	56306.89	56306.91797	56265.92913	56267.08203	503570.8	5411415.2
L3570.0	503570.8	5411416.0	80279.70313	317.98	0	48.855700	-86.951320	56306.04	56248.7	1.26	56307.30	56307.31641	56261.02492	56262.19531	503570.8	5411416.0
L3570.0	503570.8	5411416.9	80279.89844	319.13	0	48.855709	-86.951320	56307.31	56248.7	1.26	56308.57	56308.57813	56270.77569	56271.96484	503570.8	5411416.9
L3570.0	503570.8	5411418.0	80280.00000	319.07	0	48.855718	-86.951320	56308.11	56248.7	1.26	56309.37	56309.36719	56272.15200	56273.36328	503570.8	5411418.0
L3570.0	503570.8	5411418.0	80280.10156	318.54	0	48.855718	-86.951320	56308.94	56248.7	1.26	56310.20	56310.18750	56273.83177	56275.06250	503570.8	5411418.0
L3570.0	503570.8	5411419.0	80280.20313	318.21	0	48.855727	-86.951320	56310.32	56248.7	1.26	56311.59	56311.56641	56285.00825	56286.25781	503570.8	5411419.0
L3570.0	503570.8	5411419.9	80280.29688	318.53	0	48.855735	-86.951320	56311.49	56248.7	1.27	56312.76	56312.72266	56292.22596	56293.50000	503570.8	5411419.9
L3570.0	503570.8	5411419.9	80280.39844	319.38	0	48.855735	-86.951320	56312.36	56248.7	1.27	56313.63	56313.58203	56294.10052	56295.39844	503570.8	5411419.9
L3570.0	503570.8	5411420.8	80280.50000	322.18	0	48.855744	-86.951320	56312.89	56248.7	1.27	56314.16	56314.10156	56289.90220	56291.22266	503570.8	5411420.8
L3570.0	503570.8	5411422.2	80280.60156	320.78	0	48.855756	-86.951320	56313.79	56248.7	1.27	56315.06	56314.98828	56292.03529	56293.37891	503570.8	5411422.2
L3570.0	503570.8	5411423.0	80280.60156	321.35	0	48.855763	-86.951320	56315.04	56248.7	1.27	56316.31	56316.22266	56300.26104	56301.62891	503570.8	5411423.0
L3570.0	503570.8	5411423.0	80280.79688	321.02	0	48.855763	-86.951320	56316.12	56248.7	1.28	56317.40	56317.30078	56305.64828	56307.04297	503570.8	5411423.0
L3570.0	503570.8	5411423.9	80280.89844	319.83	0	48.855771	-86.951320	56317.06	56248.7	1.28	56318.34	56318.22656	56308.34755	56309.76953	503570.8	5411423.9
L3570.0	503570.8	5411424.9	80281.00000	320.45	0	48.855780	-86.951320	56318.38	56248.7	1.28	56319.66	56319.53125	56317.87121	56319.32031	503570.8	5411424.9
L3570.0	503570.8	5411425.9	80281.10156	321.46	0	48.855789	-86.951321	56319.16	56248.7	1.28	56320.43	56320.28906	56317.51228	56318.98828	503570.8	5411425.9
L3570.0	503570.8	5411425.9	80281.20313	321.72	0	48.855789	-86.951321	56320.22	56248.7	1.28	56321.50	56321.34375	56322.59955	56324.10156	503570.8	5411425.9
L3570.0	503570.8	5411427.5	80281.29688	321.82	0	48.855804	-86.951321	56321.09	56248.7	1.28	56322.36	56322.18750	56323.88845	56325.42188	503570.8	5411427.5
L3570.0	503570.8	5411427.5	80281.39844	321.99	0	48.855804	-86.951321	56321.86	56248.7	1.28	56323.13	56322.94141	56323.53923	56325.10156	503570.8	5411427.5
L3570.0	503570.8	5411428.4	80281.50000	321.31	0	48.855812	-86.951321	56322.83	56248.7	1.27	56324.10	56323.89453	56326.92300	56328.51563	503570.8	5411428.4
L3570.0	503570.8	5411429.4	80281.60156	322.03	0	48.855821	-86.951321	56323.56	56248.7	1.27	56324.84	56324.61719	56326.09010	56327.71484	503570.8	5411429.4
L3570.0	503570.8	5411429.4	80281.60156	322.26	0	48.855821	-86.951321	56324.70	56248.7	1.27	56325.97	56325.73047	56332.61478	56334.27344	503570.8	5411429.4
L3570.0	503570.8	5411430.5	80281.70313	321.37	0	48.855830	-86.951321	56325.56	56248.7	1.27	56326.83	56326.57031	56334.18352	56335.87500	503570.8	5411430.5
L3570.0	503570.7	5411431.4	80281.89844	322.00	0	48.855839	-86.951321	56326.70	56248.7	1.27	56327.97	56327.69531	56341.14023	56342.86719	503570.7	5411431.4
L3570.0	503570.7	5411432.5	80282.00000	322.47	0	48.855849	-86.951321	56327.52	56248.7	1.27	56328.79	56328.49609	56342.17623	56343.93750	503570.7	5411432.5
L3570.0	503570.7	5411432.5	80282.10156	322.82	0	48.855849	-86.951321	56328.54	56248.7	1.27	56329.81	56329.49609	56347.13448	56348.93359	503570.7	5411432.5
L3570.0	503570.7	5411433.5	80282.20313	323.38	0	48.855857	-86.951321	56329.26	56248.7	1.27	56330.53	56330.19531	56346.51945	56348.35156	503570.7	5411433.5
L3570.0	503570.7	5411434.5	80282.29688	321.02	0	48.855867	-86.951322	56329.99	56248.7	1.27	56331.26	56330.90625	56346.22831	56348.10156	503570.7	5411434.5
L3570.0	503570.7	5411434.5	80282.39844	322.12	0	48.855867	-86.951322	56330.79	56248.7	1.27	56332.06	56331.68750	56347.42592	56349.33594	503570.7	5411434.5
L3570.0	503570.7	5411435.4	80282.50000	323.36	0	48.855874	-86.951322	56331.86	56248.7	1.28	56333.13	56332.73828	56353.96978	56355.91797	503570.7	5411435.4
L3570.0	503570.7	5411436.1	80282.60156	322.02	0	48.855881	-86.951322	56332.78	56248.7	1.28	56334.05	56333.63672	56357.81657	56359.80469	503570.7	5411436.1
L3570.0	503570.7	5411436.1	80282.60156	321.92	0	48.855881	-86.951322	56333.42	56248.7	1.28	56334.69	56334.25391	56356.46569	56358.49609	503570.7	5411436.1
L3570.0	503570.7	5411437.1	80282.79688	322.61	0	48.855890	-86.951322	56334.16	56248.7	1.28	56335.44	56334.98047	56357.41594	56359.48828	503570.7	5411437.1
L3570.0	503570.7	5411437.1	80282.89844	324.75	0	48.855890	-86.951322	56334.72	56248.7	1.28	56336.00	56335.51953	56354.91698	56357.03125	503570.7	5411437.1
L3570.0	503570.7	5411438.0	80283.00000	323.41	0	48.855898	-86.951322	56335.64	56248.7	1.28	56336.92	56336.41797	56359.52726	56361.68750	503570.7	5411438.0
L3570.0	503570.7	5411438.6	80283.10156	324.01	0	48.855903	-86.951322	56336.10	56248.7	1.28	56337.38	56336.85547	56355.54513	56357.75000	503570.7	5411438.6
L3570.0	503570.7	5411439.2	80283.20313	322.01	0	48.855909	-86.951322	56337.07	56248.7	1.28	56338.35	56337.80078	56361.51732	56363.76563	503570.7	5411439.2
L3570.0	503570.7	5411439.2	80283.29688	322.57	0	48.855909	-86.951322	56337.68	56248.7	1.28	56338.96	56338.38672	56360.84845	56363.14453	503570.7	5411439.2
L3570.0	503570.7	5411440.0	80283.39844	323.26	0	48.855916	-86.951322	56338.59	56248.7	1.28	56339.88	56339.28125	56366.26239	56368.60547	503570.7	5411440.0
L3570.0	503570.7	5411440.8	80283.50000	322.65	0	48.855923	-86.951322	56339.24	56248.7	1.28	56340.52	56339.89844	56366.60535	56368.99609	503570.7	5411440.8
L3570.0	503570.7	5411441.4	80283.60156	322.25	0	48.855929	-86.951322	56339.92	56248.7	1.29	56341.21	56340.56250	56368.11337	56370.55078	503570.7	5411441.4
L3570.0	503570.7	5411441.4	80283.60156	320.70	0	48.855929	-86.951322	56340.77	56248.7	1.29	56342.05	56341.37891	56372.61093	56375.09766	503570.7	5411441.4
L3570.0	503570.7	5411442.1	80283.70313	321.54	0	48.855935	-86.951322	56341.31	56248.7	1.29	56342.60	56341.90234	56371.97636	56374.51172	503570.7	5411442.1
L3570.0	503570.7	5411442.8	80283.89844	320.52	0	48.855941	-86.951321	56342.02	56248.7	1.29	56343.31	56342.58594	56374.50727	56377.09375	503570.7	5411442.8
L3570.0	503570.7	5411442.8	80284.00000	321.41	0	48.855941	-86.951321	56342.27	56248.7	1.29	56343.56	56342.80859	56368.99049	56371.62891	503570.7	5411442.8
L3570.0	503570.7	5411443.3	80284.10156	321.66	0	48.855946	-86.951321	56342.91	56248.7	1.29	56344.20	56343.42188	56370.78282	56373.47656	503570.7	5411443.3
L3570.0	503570.7	5411444.1	80284.20313	321.38	0	48.855953	-86.951321	56343.34	56248.7	1.29	56344.63	56343.82422	56369.11467	56371.85938	503570.7	5411444.1
L3570.0	503570.7	5411444.1	80284.29688	321.64	0	48.855953	-86.951321	56344.04	56248.7	1.29	56345.33	56344.49609	56372.46888	56375.26953	503570.7	5411444.1
L3570.0	503570.8	5411444.7	80284.39844	320.75	0	48.855959	-86.951321	56344.64	56248.7	1.29	56345.93	56345.07031	56374.31860	56377.17188	503570.8	5411444.7
L3570.0	503570.8	5411445.4	80284.50000	319.22	0	48.855964	-86.951321	56345.06	56248.7	1.29	56346.34	56345.45313	56373.16873	56376.07813	503570.8	5411445.4
L3570.0	503570.8	5411445.9	80284.60156	318.82	0	48.855969	-86.951321	56345.59	56248.7	1.28	56346.87	56345.95313	56374.37895	56377.34375	503570.8	5411445.9
L3570.0	503570.8	5411445.9	80284.60156	318.46	0	48.855969	-86.951321	56345.97	56248.7	1.28	56347.26	56346.31250	56373.50500	56376.52734	503570.8	5411445.9
L3570.0	503570.8	5411446.4	80284.79688	317.90	0	48.855974	-86.951321	56346.48	56248.7	1.28	56347.76	56346.78516	56374.80724	56377.88672	503570.8	5411446.4
L3570.0	503570.8	5411446.9	80284.89844	318.04	0	48.855979	-86.951320	56346.84	56248.7	1.28	56348.13	56347.12500	56374.22098	56377.35938	503570.8	5411446.9
L3570.0	503570.8	5411446.9	80285.00000	317.50	0	48.855979	-86.951320	56347.68	56248.7	1.28	56348.96	56347.92578	56381.71951	56384.91797	503570.8	5411446.9
L3570.0	503570.8	5411447.4	80285.10156	317.28	0	48.855983	-86.951320	56347.58	56248.7	1.28	56348.86	56347.79688	56373.81044	56377.06641	503570.8	5411447.4
L3570.0	503570.8	5411447.9	80285.20313	316.59	0	48.855987	-86.951320	56348.25	56248.7	1.28	56349.53	56348.43750	56379.23459	56382.55078	503570.8	5411447.9
L3570.0	503570.8	5411447.9	80285.29688	317.06	0	48.855987	-86.951320	56348.27	56248.7	1.28	56349.55	56348.42578	56373.88752	56377.26563	503570.8	5411447.9
L3570.0	503570.8	5411448.3	80285.39844	319.22	0	48.855991	-86.951320	56348.91	56248.7	1.28	56350.19	56349.03516	56379.41616	56382.85547	503570.8	5411448.3
L3570.0	503570.8	5411448.3	80285.50000	318.28	0	48.855991	-86.951320	56349.32	56248.7	1.28	56350.60	56349.41406	56381.29990	56384.80078	503570.8	5411448.3
L3570.0	503570.9	5411448.7	80285.60156	318.04	0	48.855994	-86.951320	56349.44	56248.7	1.28	56350.72	56349.50391	56378.40213	56381.96484	503570.9	5411448.7
L3570.0	503570.9	5411449.0	80285.70313	319.38	0	48.855997	-86.951319	56350.04	56248.7	1.28	56351.32	56350.07422	56384.14084	56387.76563	503570.9	5411449.0
L3570.0	503570.9	5411449.3	80285.70313	319.66	0	48.856000	-86.951319	56350.26	56248.7	1.28	56351.54	56350.26172	56383.46251	56387.14844	503570.9	5411449.3
L3570.0	503570.9	5411449.7	80285.79688	319.56	0	48.856003	-86.951319	56350.49	56248.7	1.28	56351.77	56350.46094	56383.17468	56386.92578	503570.9	5411449.7
L3570.0	503570.9	5411449.7	80286.00000	322.09	0	48.856003	-86.951319	56350.82	56248.7	1.28	56352.10	56350.75781	56384.88299	56388.69922	503570.9	5411449.7
L3570.0	503570.9	5411450.0	80286.10156	322.93	0	48.856006	-86.951319	56351.11	56248.7	1.28	56352.39	56351.01563	56386.08112	56389.96094	503570.9	5411450.0
L3570.0	503570.9	5411450.0	80286.20313	324.26	0	48.856006	-86.951319	56351.13	56248.7	1.28	56352.41	56351.00391	56382.59067	56386.53516	503570.9	5411450.0
L3570.0	503570.9	5411450.3	80286.29688	325.01	0	48.856009	-86.951319	56351.41	56248.7	1.28	56352.69	56351.25391	56383.96074	56387.96875	503570.9	5411450.3
L3570.0	503570.9	5411450.6	80286.39844	324.25	0	48.856012	-86.951319	56351.69	56248.7	1.28	56352.97	56351.50000	56385.49078	56389.56250	503570.9	5411450.6
L3570.0	503570.9	5411450.8	80286.50000	322.88	0	48.856013	-86.951319	56351.64	56248.7	1.29	56352.93	56351.42969	56381.39081	56385.52734	503570.9	5411450.8
L3570.0	503570.9	5411450.8	80286.60156	323.05	0	48.856013	-86.951319	56351.99	56248.7	1.29	56353.28	56351.74609	56384.46099	56388.66406	503570.9	5411450.8
L3570.0	503570.9	5411451.0	80286.60156	323.88	0	48.856015	-86.951318	56352.20	56248.7	1.29	56353.49	56351.92578	56385.13328	56389.40234	503570.9	5411451.0
L3570.0	503570.9	5411451.0	80286.79688	322.38	0	48.856015	-86.951318	56352.23	56248.7	1.29	56353.52	56351.92188	56382.74698	56387.08203	503570.9	5411451.0
L3570.0	503570.9	5411451.2	80286.89844	321.74	0	48.856017	-86.951318	56352.38	56248.7	1.29	56353.67	56352.03906	56382.63717	56387.03906	503570.9	5411451.2
L3570.0	503571.0	5411451.3	80287.00000	320.67	0	48.856018	-86.951318	56352.64	56248.7	1.29	56353.93	56352.26563	56384.56367	56389.03125	503571.0	5411451.3
L3570.0	503571.0	5411451.3	80287.10156	319.25	0	48.856018	-86.951318	56352.79	56248.7	1.29	56354.08	56352.38281	56384.70675	56389.23828	503571.0	5411451.3
L3570.0	503570.9	5411451.4	80287.20313	319.13	0	48.856018	-86.951318	56352.76	56248.7	1.29	56354.05	56352.32031	56381.96682	56386.56641	503570.9	5411451.4
L3580.0	503582.4	5410221.4	39651.89844	316.71	0	48.844954	-86.951173	55972.22	56244.3	5.74	55977.96	55984.23438	56060.66800	56037.94922	503582.4	5410221.4
L3580.0	503582.4	5410221.7	39652.00000	316.36	0	48.844956	-86.951172	55972.12	56244.3	5.74	55977.86	55983.78906	56049.71488	56027.17578	503582.4	5410221.7
L3580.0	503582.5	5410221.9	39652.10156	315.24	0	48.844958	-86.951172	55971.98	56244.3	5.74	55977.72	55983.30859	56038.11528	56015.75391	503582.5	5410221.9

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L3580.0	503582.5	5410222.1	39652.19922	314.78	0	48.844960	-86.951172	55971.94	56244.3	5.74	55977.68	55982.92578	56030.43340	56008.25000	503582.5	5410222.1
L3580.0	503582.5	5410222.1	39652.30078	315.06	0	48.844960	-86.951172	55971.74	56244.3	5.74	55977.48	55982.38281	56018.21622	55996.20703	503582.5	5410222.1
L3580.0	503582.5	5410222.3	39652.39844	315.46	0	48.844962	-86.951171	55971.56	56244.3	5.74	55977.30	55981.85938	56007.31511	55985.48438	503582.5	5410222.3
L3580.0	503582.5	5410222.3	39652.50000	315.06	0	48.844962	-86.951171	55971.58	56244.3	5.74	55977.32	55981.53906	56003.31693	55981.66016	503582.5	5410222.3
L3580.0	503582.5	5410222.6	39652.60156	314.59	0	48.844965	-86.951171	55971.33	56244.3	5.74	55977.07	55980.94531	55991.43220	55969.94922	503582.5	5410222.6
L3580.0	503582.6	5410222.8	39652.69922	315.42	0	48.844966	-86.951171	55971.46	56244.3	5.74	55977.20	55980.73438	55991.82298	55970.51172	503582.6	5410222.8
L3580.0	503582.6	5410223.1	39652.80078	314.39	0	48.844969	-86.951171	55971.28	56244.3	5.74	55977.02	55980.21484	55983.16097	55962.02344	503582.6	5410223.1
L3580.0	503582.6	5410223.1	39652.89844	313.90	0	48.844969	-86.951171	55971.28	56244.3	5.74	55977.02	55979.87109	55980.43122	55959.46484	503582.6	5410223.1
L3580.0	503582.6	5410223.4	39653.00000	314.31	0	48.844971	-86.951171	55971.03	56244.3	5.74	55976.77	55979.28125	55970.66124	55949.86328	503582.6	5410223.4
L3580.0	503582.6	5410223.7	39653.10156	313.92	0	48.844974	-86.951171	55971.41	56244.3	5.74	55977.15	55979.32031	55979.95313	55959.32422	503582.6	5410223.7
L3580.0	503582.6	5410224.0	39653.19922	313.70	0	48.844977	-86.951171	55971.61	56244.3	5.74	55977.35	55979.17969	55984.11248	55963.64453	503582.6	5410224.0
L3580.0	503582.6	5410224.0	39653.30078	313.75	0	48.844977	-86.951171	55971.79	56244.3	5.74	55977.53	55979.01563	55987.87914	55967.57422	503582.6	5410224.0
L3580.0	503582.6	5410224.5	39653.39844	314.43	0	48.844981	-86.951171	55972.09	56244.3	5.74	55977.83	55978.97656	55995.19102	55975.05078	503582.6	5410224.5
L3580.0	503582.5	5410224.9	39653.50000	315.92	0	48.844985	-86.951171	55971.82	56244.3	5.74	55977.56	55978.36719	55986.65370	55966.67188	503582.5	5410224.9
L3580.0	503582.5	5410224.9	39653.60156	313.15	0	48.844985	-86.951171	55971.91	56244.3	5.75	55977.66	55978.12891	55988.72208	55968.89453	503582.5	5410224.9
L3580.0	503582.5	5410225.3	39653.69922	312.54	0	48.844989	-86.951172	55971.58	56244.3	5.75	55977.33	55977.45703	55979.43933	55959.76563	503582.5	5410225.3
L3580.0	503582.5	5410225.9	39653.80078	312.68	0	48.844994	-86.951172	55971.76	56244.3	5.75	55977.51	55977.30078	55984.04099	55964.51563	503582.5	5410225.9
L3580.0	503582.5	5410225.9	39653.89844	313.60	0	48.844994	-86.951172	55971.91	56244.3	5.75	55977.66	55977.11328	55987.82431	55968.44922	503582.5	5410225.9
L3580.0	503582.4	5410226.2	39654.00000	313.16	0	48.844997	-86.951173	55971.46	56244.3	5.75	55977.21	55976.32422	55976.79612	55957.56641	503582.4	5410226.2
L3580.0	503582.3	5410226.8	39654.10156	312.69	0	48.845002	-86.951174	55971.61	56244.3	5.75	55977.36	55976.13672	55980.87206	55961.78516	503582.3	5410226.8
L3580.0	503582.3	5410226.8	39654.19922	313.69	0	48.845002	-86.951174	55971.23	56244.3	5.75	55976.98	55975.42188	55972.55491	55953.60547	503582.3	5410226.8
L3580.0	503582.3	5410227.2	39654.30078	311.53	0	48.845006	-86.951174	55970.85	56244.3	5.74	55976.60	55974.70703	55964.83407	55946.01953	503582.3	5410227.2
L3580.0	503582.2	5410227.9	39654.39844	310.22	0	48.845012	-86.951176	55970.68	56244.3	5.74	55976.42	55974.19141	55962.02469	55943.34375	503582.2	5410227.9
L3580.0	503582.1	5410228.4	39654.50000	310.29	0	48.845016	-86.951177	55970.29	56244.3	5.74	55976.03	55973.46875	55954.94421	55936.39453	503582.1	5410228.4
L3580.0	503582.1	5410228.4	39654.60156	308.27	0	48.845016	-86.951177	55970.04	56244.3	5.74	55975.78	55972.88672	55951.14090	55932.71484	503582.1	5410228.4
L3580.0	503582.1	5410228.8	39654.69922	309.66	0	48.845020	-86.951178	55969.89	56244.3	5.74	55975.62	55972.39453	55949.30989	55931.00391	503582.1	5410228.8
L3580.0	503582.0	5410229.4	39654.80078	292.54	0	48.845026	-86.951178	55970.04	56244.3	5.73	55975.78	55972.22266	55953.94643	55935.75781	503582.0	5410229.4
L3580.0	503582.0	5410229.4	39654.89844	295.12	0	48.845026	-86.951178	55970.04	56244.3	5.73	55975.77	55971.88281	55954.99712	55936.92578	503582.0	5410229.4
L3580.0	503581.9	5410230.1	39655.00000	294.83	0	48.845032	-86.951179	55969.71	56244.3	5.73	55975.45	55971.23438	55949.73727	55931.77734	503581.9	5410230.1
L3580.0	503581.9	5410230.7	39655.10156	312.25	0	48.845037	-86.951180	55969.86	56244.3	5.73	55975.59	55971.04688	55953.60218	55935.74609	503581.9	5410230.7
L3580.0	503581.9	5410231.3	39655.19922	312.93	0	48.845042	-86.951180	55969.84	56244.3	5.73	55975.57	55970.69922	55954.17157	55936.41797	503581.9	5410231.3
L3580.0	503581.9	5410231.3	39655.30078	310.89	0	48.845042	-86.951180	55970.04	56244.3	5.73	55975.77	55970.57422	55959.18966	55941.53516	503581.9	5410231.3
L3580.0	503581.8	5410231.8	39655.39844	311.92	0	48.845048	-86.951180	55970.20	56244.3	5.73	55975.93	55970.41016	55963.46516	55945.90625	503581.8	5410231.8
L3580.0	503581.8	5410232.6	39655.50000	312.93	0	48.845054	-86.951181	55970.12	56244.3	5.74	55975.86	55970.01953	55962.95496	55945.48828	503581.8	5410232.6
L3580.0	503581.8	5410232.6	39655.60156	291.52	0	48.845054	-86.951181	55969.94	56244.3	5.74	55975.67	55969.50781	55959.77127	55942.39063	503581.8	5410232.6
L3580.0	503581.8	5410233.2	39655.69922	291.52	0	48.845060	-86.951181	55969.82	56244.3	5.74	55975.55	55969.07031	55957.97488	55940.67969	503581.8	5410233.2
L3580.0	503581.8	5410233.8	39655.80078	289.57	0	48.845065	-86.951181	55969.66	56244.3	5.74	55975.40	55968.60547	55955.39623	55938.17969	503581.8	5410233.8
L3580.0	503581.8	5410234.5	39655.89844	287.94	0	48.845071	-86.951181	55969.64	56244.3	5.74	55975.38	55968.26953	55955.73757	55938.59375	503581.8	5410234.5
L3580.0	503581.8	5410234.5	39656.00000	290.26	0	48.845071	-86.951181	55969.56	56244.3	5.74	55975.30	55967.87500	55954.69935	55937.62891	503581.8	5410234.5
L3580.0	503581.9	5410235.4	39656.10156	312.95	0	48.845079	-86.951180	55969.31	56244.3	5.74	55975.04	55967.30469	55949.37511	55932.37109	503581.9	5410235.4
L3580.0	503581.9	5410236.2	39656.19922	316.16	0	48.845087	-86.951180	55969.46	56244.3	5.73	55975.19	55967.14844	55953.93016	55936.98828	503581.9	5410236.2
L3580.0	503581.9	5410236.9	39656.30078	315.26	0	48.845093	-86.951180	55969.28	56244.3	5.72	55975.01	55966.66016	55950.68801	55933.80469	503581.9	5410236.9
L3580.0	503581.9	5410236.9	39656.39844	316.82	0	48.845093	-86.951180	55969.34	56244.3	5.72	55975.06	55966.40625	55953.05154	55936.22656	503581.9	5410236.9
L3580.0	503581.9	5410237.8	39656.50000	318.09	0	48.845101	-86.951180	55969.48	56244.3	5.72	55975.20	55966.24609	55957.52725	55940.75391	503581.9	5410237.8
L3580.0	503581.9	5410238.5	39656.60156	315.99	0	48.845108	-86.951180	55969.13	56244.3	5.71	55974.84	55965.58594	55950.63145	55933.90625	503581.9	5410238.5
L3580.0	503581.9	5410239.3	39656.69922	314.08	0	48.845115	-86.951180	55969.26	56244.3	5.71	55974.96	55965.41016	55954.73335	55938.05078	503581.9	5410239.3
L3580.0	503581.9	5410239.3	39656.80078	311.96	0	48.845115	-86.951180	55969.21	56244.3	5.70	55974.91	55965.07031	55955.13666	55938.49219	503581.9	5410239.3
L3580.0	503581.9	5410240.3	39656.89844	288.19	0	48.845123	-86.951180	55968.93	56244.3	5.69	55974.62	55964.48828	55951.05661	55934.44922	503581.9	5410240.3
L3580.0	503581.9	5410241.1	39657.00000	288.19	0	48.845131	-86.951179	55968.90	56244.3	5.69	55974.59	55964.17188	55950.71768	55934.14453	503581.9	5410241.1
L3580.0	503581.9	5410241.9	39657.10156	310.33	0	48.845138	-86.951179	55969.13	56244.3	5.69	55974.82	55964.11719	55959.83931	55943.29297	503581.9	5410241.9
L3580.0	503581.9	5410241.9	39657.19922	311.95	0	48.845138	-86.951179	55969.31	56244.3	5.69	55975.00	55964.01953	55966.23889	55949.71875	503581.9	5410241.9
L3580.0	503581.9	5410243.1	39657.30078	290.77	0	48.845149	-86.951179	55969.08	56244.3	5.68	55974.76	55963.50000	55961.36014	55944.85938	503581.9	5410243.1
L3580.0	503581.9	5410243.1	39657.39844	287.70	0	48.845149	-86.951179	55969.23	56244.3	5.68	55974.92	55963.39063	55966.36248	55949.88281	503581.9	5410243.1
L3580.0	503581.9	5410243.8	39657.50000	288.77	0	48.845156	-86.951179	55969.00	56244.3	5.68	55974.68	55962.87891	55963.18236	55946.71875	503581.9	5410243.8
L3580.0	503581.9	5410244.6	39657.60156	289.30	0	48.845163	-86.951179	55969.08	56244.3	5.68	55974.76	55962.69531	55966.19508	55949.74219	503581.9	5410244.6
L3580.0	503581.9	5410245.5	39657.69922	294.32	0	48.845171	-86.951179	55968.93	56244.3	5.68	55974.60	55962.27344	55965.83478	55949.39063	503581.9	5410245.5
L3580.0	503581.9	5410246.4	39657.80078	295.81	0	48.845178	-86.951179	55969.08	56244.3	5.67	55974.75	55962.16797	55969.17007	55952.73438	503581.9	5410246.4
L3580.0	503581.9	5410246.4	39657.89844	297.27	0	48.845178	-86.951179	55969.41	56244.3	5.67	55975.08	55962.24219	55986.62845	55970.19531	503581.9	5410246.4
L3580.0	503582.0	5410247.3	39658.00000	295.61	0	48.845187	-86.951179	55969.36	56244.3	5.67	55975.03	55961.94531	55961.84397	55945.41406	503582.0	5410247.3
L3580.0	503582.0	5410248.4	39658.10156	294.53	0	48.845196	-86.951178	55969.71	56244.3	5.67	55975.38	55962.05078	55980.67960	55964.24609	503582.0	5410248.4
L3580.0	503582.0	5410248.4	39658.19922	294.53	0	48.845196	-86.951178	55969.38	56244.3	5.67	55975.05	55961.48047	55975.05000	55958.60938	503582.0	5410248.4
L3580.0	503582.0	5410249.3	39658.30078	296.07	0	48.845205	-86.951178	55969.48	56244.3	5.66	55975.14	55961.33594	55975.96733	55959.51953	503582.0	5410249.3
L3580.0	503582.1	5410250.5	39658.39844	297.30	0	48.845215	-86.951177	55969.36	56244.3	5.66	55975.02	55960.98828	55976.58773	55960.13281	503582.1	5410250.5
L3580.0	503582.1	5410251.3	39658.50000	295.73	0	48.845223	-86.951177	55969.71	56244.3	5.66	55975.38	55961.12500	55977.14983	55960.68359	503582.1	5410251.3
L3580.0	503582.1	5410251.3	39658.60156	294.28	0	48.845223	-86.951177	55969.66	56244.3	5.66	55975.32	55960.84375	55977.62140	55961.14453	503582.1	5410251.3
L3580.0	503582.2	5410252.6	39658.69922	295.94	0	48.845234	-86.951176	55969.96	56244.3	5.66	55975.62	55960.92969	55977.86166	55961.36719	503582.2	5410252.6
L3580.0	503582.2	5410253.6	39658.80078	294.96	0	48.845243	-86.951175	55969.79	56244.3	5.65	55975.44	55960.54297	55978.19652	55961.68359	503582.2	5410253.6
L3580.0	503582.2	5410253.6	39658.89844	294.19	0	48.845243	-86.951175	55969.91	56244.3	5.65	55975.57	55960.46875	55978.33138	55961.80078	503582.2	5410253.6
L3580.0	503582.3	5410254.8	39658.89844	294.19	0	48.845254	-86.951175	55970.12	56244.3	5.65	55975.77	55960.46875	55978.42226	55961.87500	503582.3	5410254.8
L3580.0	503582.3	5410255.9	39659.10156	299.31	0	48.845264	-86.951174	55970.29	56244.4	5.65	55975.94	55960.44922	55978.53498	55961.96484	503582.3	5410255.9
L3580.0	503582.3	5410255.9	39659.19922	298.66	0	48.845264	-86.951174	55970.60	56244.4	5.64	55976.24	55960.56250	55978.62363	55962.02734	503582.3	5410255.9
L3580.0	503582.3	5410257.0	39659.30078	298.59	0	48.845274	-86.951174	55970.72	56244.4	5.64	55976.36	55960.50000	55978.79849	55962.17969	503582.3	5410257.0
L3580.0	503582.3	5410258.1	39659.39844	297.52	0	48.845284	-86.951174	55970.75	56244.4	5.64	55976.38	55960.34766	55979.03008	55962.38672	503582.3	5410258.1
L3580.0	503582.3	5410258.1	39659.50000	296.63	0	48.845284	-86.951174	55970.85	56244.4	5.64	55976.49	55960.28516	55979.29710	55962.62891	503582.3	5410258.1
L3580.0	503582.3	5410259.2	39659.60156	295.86	0	48.845294	-86.951173	55970.77	56244.4	5.63	55976.41	55960.04297	55979.77548	55963.07813	503582.3	5410259.2
L3580.0	503582.4	5410260.4	39659.69922	294.69	0	48.845305	-86.951173	55971.28	56244.4	5.63	55976.91	55960.38672	55980.21661	55963.49219	503582.4	5410260.4
L3580.0	503582.4	5410260.4	39659.80078	295.85	0	48.845305	-86.951173	55972.02	56244.4	5.63	55977.64	55960.96875	55980.67112	55963.91797	503582.4	5410260.4
L3580.0	503582.3	5410261.9	39659.89844	295.40	0	48.845318	-86.951173	55972.57	56244.4	5.62	55978.19	55961.37109	55981.24471	55964.46094	503582.3	5410261.9
L3580.0	503582.3	5410263.2	39660.00000	297.51	0	48.845330	-86.951174	55972.85	56244.4	5.62	55978.47	55961.51563	55982.01082	55965.19922	503582.3	5410263.2
L3580.0	503582.3	5410263.2	39660.10156	298.00	0	48.845330	-86.951174	55973.08	56244.4	5.62	55978.69	55961.60156	55982.19264	55965.35156	503582.3	5410263.2
L3580.0	503582.3	5410264.2	39660.19922	299.89	0	48.845339	-86.951174	55973.16	56244.4	5.61	55978.77	55961.55469	55982.76709	55965.89453	503582.3	5410264.2
L3580.0	503582.3	5410265.3	39660.30078	297.50	0	48.845349	-86.951174	55974.04	56244.4	5.61	55979.64	55962.30859	55983.91972	55967.01563	503582.3	5410265.3
L3580.0	503582.3	5410266.7	39660.39844	295.69	0	48.845362	-86.951174	55974.39	56244.4	5.60	55979.99	55962.54297	55984.75621	55967.82422	503582.3	5410266.7
L3580.0	503582.3	5410266.7	39660.50000	295.15	0	48.845362	-86.951174	55975.00	56244.4	5.60	55980.59	55963.03906	55985.76817	55968.80859	503582.3	5410266.7
L3580.0	503582.2	5410267.9	39660.60156	294.46	0	48.845372	-86.951175	55975.02	56244.4	5.59	55980.61	55962.95703	55986.46261	55969.47266	503582.2	5410267.9
L3580.0	503582.2	5410269.1	39660.69922	295.27	0	48.845383	-86.951175	55975.45	56244.4	5.58	55981.04	55963.29297	55987.38030	55970.35547	503582.2	5410269.1
L3580.0	503582.2	5410269.1	39660.80078	294.58	0	48.845383	-86.951175	55975.98	56244.4	5.58	55981.56	55963.72266	55988.30167	55971.25000	503582.2	5410269.1
L3580.0	503582.2	5410270.4	39660.89844	294.70	0	48.845395	-86.951175	55976.59	56244.4	5.57	55982.17	55964.25391	55989.19833	55972.11719	503582.2	5410270.4
L3580.0	503582.2	5410270.4	39661.00000	292.54	0	48.845395	-86.951175	55976.87	56244.4	5.57	55982.44	55964.44531	55989.85829	55972.75000	503582.2	5410270.4
L3580.0	503582.2	5410271.9	39661.10156	291.13	0	48.845408	-86.951176	55977.88	56244.4	5.57	55983.45	55965.38672	55990.71249	55973.57422	503582.2	5410271.9
L3580.0	503582.2	5410273.2	39661.19922	289.45	0	48.845420	-86.951176	55978.39	56244.4	5.57	55983.96	55965.83594	55991.22220	55974.05469	503582.2	5410273.2
L3580.0	503582.2	5410273.2	39661.30078	289.80	0	48.845420	-86.951176	55978.62	56244.4	5.57	55984.19	55966.00781	55991.46119	55974.26172	503582.2	5410273.2
L3580.0	503582.2	5410274.5	39661.39844	290.00	0	48.845431	-86.951176	55979.35	56244.4	5.57	55984.93	55966.69531	55991.75151	55974.52734	503582.2	5410274.5

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L3580.0	503582.1	5410275.9	39661.50000	291.12	0	48.845444	-86.951176	55979.86	56244.4	5.58	55985.43	55967.14844	55991.75924	55974.50781	503582.1	5410275.9
L3580.0	503582.1	5410275.9	39661.60156	289.57	0	48.845444	-86.951176	55980.54	56244.4	5.58	55986.11	55967.78906	55991.67511	55974.39844	503582.1	5410275.9
L3580.0	503582.1	5410277.2	39661.69922	291.06	0	48.845455	-86.951176	55981.12	56244.4	5.58	55986.70	55968.34375	55991.35743	55974.05078	503582.1	5410277.2
L3580.0	503582.1	5410278.1	39661.80078	291.27	0	48.845464	-86.951176	55982.06	56244.4	5.58	55987.64	55969.25781	55991.10968	55973.77734	503582.1	5410278.1
L3580.0	503582.1	5410279.4	39661.89844	290.92	0	48.845476	-86.951176	55982.41	56244.4	5.58	55987.99	55969.58203	55991.14423	55973.78906	503582.1	5410279.4
L3580.0	503582.1	5410279.4	39662.00000	290.17	0	48.845476	-86.951176	55983.63	56244.4	5.58	55989.21	55970.78516	55990.20467	55972.82422	503582.1	5410279.4
L3580.0	503582.1	5410280.6	39662.10156	292.47	0	48.845487	-86.951176	55984.18	56244.4	5.58	55989.76	55971.32031	55982.19879	55964.79688	503582.1	5410280.6
L3580.0	503582.1	5410282.1	39662.19922	290.99	0	48.845499	-86.951177	55985.50	56244.4	5.57	55991.07	55972.62109	56011.12506	55993.69531	503582.1	5410282.1
L3580.0	503582.1	5410283.2	39662.30078	292.97	0	48.845510	-86.951177	55985.77	56244.4	5.57	55991.34	55972.89063	55982.53890	55965.08594	503582.1	5410283.2
L3580.0	503582.1	5410283.2	39662.39844	292.91	0	48.845510	-86.951177	55986.56	56244.4	5.57	55992.13	55973.67969	55978.73620	55961.26172	503582.1	5410283.2
L3580.0	503582.1	5410284.5	39662.50000	293.67	0	48.845521	-86.951177	55987.77	56244.4	5.57	55993.34	55974.89844	55980.20786	55962.71094	503582.1	5410284.5
L3580.0	503582.1	5410285.5	39662.60156	313.10	0	48.845530	-86.951177	55989.19	56244.4	5.56	55994.75	55976.31641	55986.63465	55969.11328	503582.1	5410285.5
L3580.0	503582.0	5410286.9	39662.69922	293.99	0	48.845543	-86.951177	55990.84	56244.4	5.56	55996.40	55977.98047	55999.96613	55982.42188	503582.0	5410286.9
L3580.0	503582.0	5410286.9	39662.80078	295.48	0	48.845543	-86.951177	55991.46	56244.4	5.56	55997.02	55978.62109	55993.88106	55976.31641	503582.0	5410286.9
L3580.0	503582.0	5410288.0	39662.89844	315.87	0	48.845553	-86.951178	55992.36	56244.4	5.55	55997.91	55979.53125	55992.37426	55974.78906	503582.0	5410288.0
L3580.0	503582.0	5410289.7	39663.00000	315.50	0	48.845568	-86.951178	55992.75	56244.4	5.55	55998.30	55979.94922	55978.00793	55960.39844	503582.0	5410289.7
L3580.0	503582.0	5410289.7	39663.10156	314.90	0	48.845568	-86.951178	55994.02	56244.5	5.55	55999.57	55981.24609	55984.69436	55967.06250	503582.0	5410289.7
L3580.0	503581.9	5410291.0	39663.19922	314.08	0	48.845580	-86.951179	55994.91	56244.5	5.54	56000.45	55982.16016	55981.61593	55963.96094	503581.9	5410291.0
L3580.0	503581.9	5410292.1	39663.30078	315.33	0	48.845590	-86.951180	55996.22	56244.5	5.54	56001.76	55983.50391	55989.51507	55971.83984	503581.9	5410292.1
L3580.0	503581.8	5410293.5	39663.39844	313.10	0	48.845602	-86.951180	55996.88	56244.5	5.54	56002.42	55984.20313	55980.85641	55963.15625	503581.8	5410293.5
L3580.0	503581.8	5410293.5	39663.50000	313.32	0	48.845602	-86.951180	55998.02	56244.5	5.53	56003.55	55985.37500	55984.11383	55966.39453	503581.8	5410293.5
L3580.0	503581.7	5410294.9	39663.60156	313.01	0	48.845615	-86.951181	55999.23	56244.5	5.53	56004.76	55986.62500	55989.12760	55971.38281	503581.7	5410294.9
L3580.0	503581.7	5410296.1	39663.69922	312.92	0	48.845626	-86.951182	56000.47	56244.5	5.53	56006.00	55987.91016	55994.52753	55976.75781	503581.7	5410296.1
L3580.0	503581.7	5410296.1	39663.80078	294.76	0	48.845626	-86.951182	56001.38	56244.5	5.53	56006.91	55988.86719	55992.47043	55974.67578	503581.7	5410296.1
L3580.0	503581.6	5410297.8	39663.89844	293.98	0	48.845641	-86.951183	56002.82	56244.5	5.52	56008.35	55990.35547	56001.54605	55983.72656	503581.6	5410297.8
L3580.0	503581.6	5410299.2	39664.00000	311.58	0	48.845654	-86.951184	56003.86	56244.5	5.52	56009.38	55991.43750	56001.94158	55984.09766	503581.6	5410299.2
L3580.0	503581.6	5410299.2	39664.10156	293.73	0	48.845654	-86.951184	56005.03	56244.5	5.52	56010.55	55992.66016	56004.97316	55987.09766	503581.6	5410299.2
L3580.0	503581.5	5410300.7	39664.19922	292.34	0	48.845667	-86.951184	56006.32	56244.5	5.53	56011.84	55994.00000	56009.82353	55991.91797	503581.5	5410300.7
L3580.0	503581.5	5410302.0	39664.30078	309.16	0	48.845678	-86.951185	56007.20	56244.5	5.53	56012.73	55994.94531	56007.95568	55990.01953	503581.5	5410302.0
L3580.0	503581.5	5410302.0	39664.39844	313.37	0	48.845678	-86.951185	56008.59	56244.5	5.54	56014.13	55996.39844	56014.01068	55996.04297	503581.5	5410302.0
L3580.0	503581.5	5410303.2	39664.50000	292.23	0	48.845689	-86.951185	56009.50	56244.5	5.54	56015.04	55997.35938	56012.72487	55994.72656	503581.5	5410303.2
L3580.0	503581.5	5410303.2	39664.60156	291.26	0	48.845689	-86.951185	56010.62	56244.5	5.54	56016.16	55998.53516	56014.50758	55996.47266	503581.5	5410303.2
L3580.0	503581.4	5410304.3	39664.69922	290.33	0	48.845700	-86.951185	56011.75	56244.5	5.55	56017.30	55999.72656	56016.51315	55998.44141	503581.4	5410304.3
L3580.0	503581.4	5410305.7	39664.80078	313.97	0	48.845712	-86.951185	56012.58	56244.4	5.55	56018.13	56000.60938	56014.84536	55996.73438	503581.4	5410305.7
L3580.0	503581.4	5410307.1	39664.89844	314.48	0	48.845725	-86.951185	56013.80	56244.4	5.56	56019.36	56001.89063	56017.96525	55999.81250	503581.4	5410307.1
L3580.0	503581.4	5410307.1	39665.00000	314.48	0	48.845725	-86.951185	56014.66	56244.4	5.56	56020.22	56002.80469	56017.05588	55998.86328	503581.4	5410307.1
L3580.0	503581.4	5410308.1	39665.10156	314.72	0	48.845733	-86.951185	56015.80	56244.4	5.56	56021.36	56003.99219	56019.20122	56000.96094	503581.4	5410308.1
L3580.0	503581.4	5410309.1	39665.19922	314.95	0	48.845742	-86.951185	56016.84	56244.4	5.56	56022.40	56005.08203	56020.37012	56002.08203	503581.4	5410309.1
L3580.0	503581.4	5410310.3	39665.30078	315.31	0	48.845753	-86.951185	56017.92	56244.4	5.55	56023.48	56006.21094	56021.94061	56003.59766	503581.4	5410310.3
L3580.0	503581.4	5410310.3	39665.39844	295.31	0	48.845753	-86.951185	56018.98	56244.4	5.55	56024.53	56007.30469	56023.26732	56004.87109	503581.4	5410310.3
L3580.0	503581.4	5410311.7	39665.50000	293.01	0	48.845766	-86.951185	56019.77	56244.5	5.55	56025.32	56008.14063	56011.06589	55992.61328	503581.4	5410311.7
L3580.0	503581.4	5410312.5	39665.60156	313.16	0	48.845773	-86.951185	56020.96	56244.5	5.55	56026.51	56009.37109	56037.60691	56019.09766	503581.4	5410312.5
L3580.0	503581.4	5410312.5	39665.69922	313.32	0	48.845773	-86.951185	56021.89	56244.5	5.55	56027.44	56010.33984	56015.51181	55996.93750	503581.4	5410312.5
L3580.0	503581.4	5410313.5	39665.80078	290.09	0	48.845782	-86.951185	56023.26	56244.5	5.54	56028.81	56011.74609	56034.78215	56016.14063	503581.4	5410313.5
L3580.0	503581.4	5410314.4	39665.89844	288.01	0	48.845791	-86.951185	56024.40	56244.5	5.54	56029.94	56012.91016	56028.68798	56009.97656	503581.4	5410314.4
L3580.0	503581.5	5410315.7	39666.00000	313.10	0	48.845802	-86.951185	56025.36	56244.5	5.54	56030.90	56013.90234	56030.34335	56011.55859	503581.5	5410315.7
L3580.0	503581.5	5410315.7	39666.10156	312.87	0	48.845802	-86.951185	56026.20	56244.5	5.54	56031.74	56014.77344	56035.18143	56016.31641	503581.5	5410315.7
L3580.0	503581.5	5410316.3	39666.19922	290.16	0	48.845808	-86.951185	56026.96	56244.4	5.55	56032.51	56015.56641	56023.90950	56004.96484	503581.5	5410316.3
L3580.0	503581.5	5410317.4	39666.30078	288.77	0	48.845818	-86.951185	56027.96	56244.4	5.56	56033.52	56016.59766	56044.85518	56025.82422	503581.5	5410317.4
L3580.0	503581.5	5410318.3	39666.39844	292.68	0	48.845825	-86.951184	56028.75	56244.4	5.56	56034.31	56017.40625	56016.06076	55996.93750	503581.5	5410318.3
L3580.0	503581.5	5410319.1	39666.50000	292.41	0	48.845832	-86.951184	56029.99	56244.4	5.57	56035.56	56018.67188	56035.97031	56016.75391	503581.5	5410319.1
L3580.0	503581.5	5410320.1	39666.60156	291.71	0	48.845841	-86.951184	56030.75	56244.4	5.57	56036.32	56019.44141	56035.26071	56015.94922	503581.5	5410320.1
L3580.0	503581.5	5410320.1	39666.69922	291.32	0	48.845841	-86.951184	56031.82	56244.4	5.57	56037.39	56020.51953	56037.67846	56018.26172	503581.5	5410320.1
L3580.0	503581.5	5410321.4	39666.80078	292.46	0	48.845853	-86.951184	56032.77	56244.4	5.58	56038.35	56021.48438	56039.24590	56019.72266	503581.5	5410321.4
L3580.0	503581.5	5410321.4	39666.89844	293.37	0	48.845853	-86.951184	56033.66	56244.4	5.58	56039.25	56022.38281	56040.15130	56020.51563	503581.5	5410321.4
L3580.0	503581.6	5410322.2	39667.00000	293.37	0	48.845861	-86.951184	56034.49	56244.4	5.59	56040.08	56023.21094	56039.81409	56020.06250	503581.6	5410322.2
L3580.0	503581.6	5410323.2	39667.10156	292.80	0	48.845869	-86.951183	56035.23	56244.4	5.59	56040.82	56023.94141	56037.27913	56017.40625	503581.6	5410323.2
L3580.0	503581.6	5410324.0	39667.19922	314.73	0	48.845877	-86.951183	56036.26	56244.4	5.60	56041.86	56024.96875	56041.40832	56021.41016	503581.6	5410324.0
L3580.0	503581.6	5410324.0	39667.30078	314.10	0	48.845877	-86.951183	56037.43	56244.4	5.60	56043.02	56026.10938	56049.83039	56029.69922	503581.6	5410324.0
L3580.0	503581.6	5410325.1	39667.39844	314.70	0	48.845886	-86.951183	56038.36	56244.4	5.60	56043.96	56027.02734	56053.36484	56033.09766	503581.6	5410325.1
L3580.0	503581.6	5410325.9	39667.50000	315.89	0	48.845893	-86.951183	56039.09	56244.4	5.61	56044.70	56027.74219	56050.93743	56030.53125	503581.6	5410325.9
L3580.0	503581.6	5410325.9	39667.60156	317.24	0	48.845893	-86.951183	56039.78	56244.4	5.61	56045.39	56028.40234	56048.83841	56028.28516	503581.6	5410325.9
L3580.0	503581.7	5410326.7	39667.69922	317.63	0	48.845901	-86.951182	56040.21	56244.4	5.61	56045.82	56028.79688	56042.26101	56021.55859	503581.7	5410326.7
L3580.0	503581.7	5410326.7	39667.80078	314.39	0	48.845901	-86.951182	56041.30	56244.4	5.61	56046.91	56029.84766	56048.67222	56027.81250	503581.7	5410326.7
L3580.0	503581.7	5410327.7	39667.89844	314.54	0	48.845910	-86.951182	56042.08	56244.4	5.62	56047.70	56030.59766	56049.41415	56028.39453	503581.7	5410327.7
L3580.0	503581.7	5410328.3	39668.00000	313.89	0	48.845915	-86.951182	56042.99	56244.4	5.62	56048.61	56031.45703	56052.86053	56031.67578	503581.7	5410328.3
L3580.0	503581.7	5410329.1	39668.10156	313.18	0	48.845923	-86.951181	56043.60	56244.4	5.62	56049.22	56032.01563	56050.27986	56028.92578	503581.7	5410329.1
L3580.0	503581.7	5410329.1	39668.19922	312.42	0	48.845923	-86.951181	56044.54	56244.4	5.63	56050.16	56032.89844	56054.66959	56033.14063	503581.7	5410329.1
L3580.0	503581.8	5410330.0	39668.30078	311.55	0	48.845930	-86.951181	56046.06	56244.4	5.63	56051.68	56034.35938	56070.24076	56048.53125	503581.8	5410330.0
L3580.0	503581.8	5410330.7	39668.39844	314.66	0	48.845937	-86.951181	56047.44	56244.4	5.63	56053.07	56035.68359	56081.95034	56060.05469	503581.8	5410330.7
L3580.0	503581.8	5410330.7	39668.50000	314.63	0	48.845937	-86.951181	56047.75	56244.4	5.64	56053.39	56035.93359	56076.10560	56054.02344	503581.8	5410330.7
L3580.0	503581.8	5410331.4	39668.60156	312.65	0	48.845943	-86.951180	56047.67	56244.4	5.64	56053.31	56035.78125	56050.87907	56028.60547	503581.8	5410331.4
L3580.0	503581.9	5410332.1	39668.69922	313.64	0	48.845950	-86.951179	56048.38	56244.4	5.64	56054.02	56036.41406	56051.26863	56028.79688	503581.9	5410332.1
L3580.0	503581.9	5410332.8	39668.80078	289.72	0	48.845956	-86.951179	56049.19	56244.4	5.64	56054.83	56037.14453	56054.42741	56031.75391	503581.9	5410332.8
L3580.0	503581.9	5410332.8	39668.89844	291.63	0	48.845956	-86.951179	56050.10	56244.4	5.65	56055.75	56037.98047	56059.44844	56036.56641	503581.9	5410332.8
L3580.0	503582.0	5410333.8	39668.89844	291.63	0	48.845965	-86.951178	56050.54	56244.4	5.65	56056.18	56038.32031	56055.32342	56032.23438	503582.0	5410333.8
L3580.0	503582.0	5410334.3	39669.10156	314.48	0	48.845969	-86.951178	56051.44	56244.3	5.65	56057.09	56039.14063	56059.37200	56036.06641	503582.0	5410334.3
L3580.0	503582.0	5410334.9	39669.19922	314.59	0	48.845975	-86.951177	56052.35	56244.3	5.66	56058.01	56039.96484	56062.28629	56038.76563	503582.0	5410334.9
L3580.0	503582.0	5410334.9	39669.30078	314.20	0	48.845975	-86.951177	56052.86	56244.3	5.67	56058.52	56040.37500	56060.73890	56036.99609	503582.0	5410334.9
L3580.0	503582.1	5410335.7	39669.39844	310.51	0	48.845982	-86.951176	56053.64	56244.3	5.67	56059.31	56041.06250	56059.08623	56035.11719	503582.1	5410335.7
L3580.0	503582.1	5410336.3	39669.50000	290.62	0	48.845988	-86.951176	56054.22	56244.3	5.68	56059.90	56041.55078	56063.85572	56039.66016	503582.1	5410336.3
L3580.0	503582.1	5410336.3	39669.60156	289.53	0	48.845988	-86.951176	56054.45	56244.3	5.68	56060.13	56041.67188	56060.13000	56035.70313	503582.1	5410336.3
L3580.0	503582.2	5410336.8	39669.69922	290.55	0	48.845992	-86.951175	56054.88	56244.3	5.68	56060.56	56041.99219	56060.43590	56035.77734	503582.2	5410336.8
L3580.0	503582.2	5410336.8	39669.80078	292.52	0	48.845992	-86.951175	56054.93	56244.3	5.69	56060.62	56041.93750	56060.83993	56035.94141	503582.2	5410336.8
L3580.0	503582.2	5410337.6	39669.89844	291.74	0	48.845999	-86.951175	56055.91	56244.3	5.69	56061.61	56042.81250	56061.34397	56036.20703	503582.2	5410337.6
L3580.0	503582.2	5410338.1	39670.00000	292.40	0	48.846003	-86.951175	56056.60	56244.3	5.70	56062.30	56043.38281	56061.85155	56036.47266	503582.2	5410338.1
L3580.0	503582.2	5410338.5	39670.10156	292.43	0	48.846007	-86.951174	56057.56	56244.3	5.70	56063.26	56044.22266	56062.72834	56037.10547	503582.2	5410338.5
L3580.0	503582.2	5410339.2	39670.19922	294.47	0	48.846013	-86.951174	56057.92	56244.3	5.70	56063.62	56044.46094	56063.07730	56037.20703	503582.2	5410339.2
L3580.0	503582.2	5410339.2	39670.30078	293.83	0	48.846013	-86.951174	56058.42	56244.3	5.71	56064.12	56044.83984	56063.53598	56037.41797	503582.2	5410339.2
L3580.0	503582.2	5410339.8	39670.39844	295.71	0	48.846019	-86.951174	56058.93	56244.3	5.71	56064.64	56045.23438	56064.01610	56037.64844	503582.2	5410339.8
L3580.0	503582.2	5410340.3	39670.50000	297.00	0	48.846024	-86.951174	56059.23	56244.3	5.71	56064.94	56045.40625	56064.37597	56037.75781	503582.2	5410340.3
L3580.0	503582.2	5410340.3	39670.60156	298.40	0	48.846024	-86.951174	56059.51	56244.3	5.71	56065.22	56045.55859	56064.73890	56037.86719	503582.2	5410340.3
L3580.0	503582.2	5410340.8	39670.69922	296.47	0	48.846028	-86.951175	56059.76	56244.3	5.71	56065.47	56045.68359	56065.09632	56037.97266	503582.2	5410340.8

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L3580.0	503582.2	5410341.2	39670.80078	298.08	0	48.846031	-86.951175	56060.55	56244.3	5.72	56066.26	56046.34375	56065.75424	56038.37500	503582.2	5410341.2
L3580.0	503582.2	5410341.6	39670.89844	296.76	0	48.846035	-86.951175	56060.77	56244.3	5.72	56066.49	56046.44141	56066.11033	56038.47656	503582.2	5410341.6
L3580.0	503582.2	5410341.6	39671.00000	296.76	0	48.846035	-86.951175	56061.43	56244.3	5.72	56067.15	56046.97266	56066.70074	56038.81250	503582.2	5410341.6
L3580.0	503582.2	5410342.0	39671.10156	294.07	0	48.846039	-86.951175	56061.74	56244.3	5.72	56067.46	56047.15234	56067.10261	56038.95703	503582.2	5410342.0
L3580.1	503581.8	5410224.5	41062.39844	262.93	0	48.844982	-86.951182	55906.55	56244.7	5.33	55911.88	55983.69922	55907.94593	56010.66016	503581.8	5410224.5
L3580.1	503581.8	5410224.9	41062.39844	262.93	0	48.844985	-86.951181	55906.42	56244.7	5.33	55911.76	55983.17578	55908.32051	56009.64844	503581.8	5410224.9
L3580.1	503581.8	5410224.9	41062.60156	262.21	0	48.844985	-86.951181	55906.10	56244.7	5.33	55911.42	55982.42969	55908.68137	56008.62109	503581.8	5410224.9
L3580.1	503581.8	5410225.3	41062.69922	262.88	0	48.844988	-86.951181	55905.94	56244.7	5.32	55911.26	55981.86328	55909.05796	56007.60938	503581.8	5410225.3
L3580.1	503581.8	5410225.6	41062.80078	263.66	0	48.844992	-86.951181	55905.39	56244.7	5.32	55910.71	55980.91016	55909.41162	56006.57813	503581.8	5410225.6
L3580.1	503581.9	5410226.0	41062.89844	262.91	0	48.844995	-86.951180	55905.41	56244.7	5.31	55910.73	55980.52734	55909.80444	56005.58984	503581.9	5410226.0
L3580.1	503581.9	5410226.0	41063.00000	261.47	0	48.844995	-86.951180	55905.26	56244.7	5.31	55910.57	55979.96094	55910.18700	56004.59375	503581.9	5410226.0
L3580.1	503581.9	5410226.5	41063.10156	261.28	0	48.844999	-86.951180	55905.08	56244.7	5.31	55910.39	55979.37891	55910.56912	56003.59766	503581.9	5410226.5
L3580.1	503581.9	5410227.0	41063.19922	258.46	0	48.845004	-86.951180	55905.08	56244.7	5.31	55910.39	55978.97266	55910.96135	56002.61328	503581.9	5410227.0
L3580.1	503581.9	5410227.0	41063.30078	258.83	0	48.845004	-86.951180	55904.42	56244.7	5.31	55909.73	55977.91016	55911.31581	56001.59766	503581.9	5410227.0
L3580.1	503581.9	5410227.4	41063.39844	259.96	0	48.845008	-86.951179	55904.05	56244.7	5.31	55909.36	55977.13672	55911.68488	56000.60156	503581.9	5410227.4
L3580.1	503581.9	5410228.0	41063.50000	260.64	0	48.845013	-86.951179	55903.97	56244.7	5.31	55909.28	55976.65234	55912.06727	55999.62109	503581.9	5410228.0
L3580.1	503581.9	5410228.5	41063.60156	261.53	0	48.845018	-86.951179	55903.54	56244.7	5.32	55908.85	55975.82031	55912.42634	55998.62500	503581.9	5410228.5
L3580.1	503581.9	5410228.5	41063.69922	262.43	0	48.845018	-86.951179	55903.29	56244.7	5.32	55908.60	55975.16406	55912.79127	55997.64063	503581.9	5410228.5
L3580.1	503581.9	5410229.2	41063.80078	262.74	0	48.845024	-86.951179	55902.91	56244.7	5.32	55908.22	55974.38281	55913.14433	55996.64844	503581.9	5410229.2
L3580.1	503581.9	5410229.2	41063.89844	261.64	0	48.845024	-86.951179	55902.86	56244.7	5.32	55908.18	55973.94141	55913.51419	55995.67969	503581.9	5410229.2
L3580.1	503581.9	5410229.8	41064.00000	261.36	0	48.845029	-86.951179	55902.45	56244.7	5.32	55907.77	55973.12891	55913.85796	55994.69141	503581.9	5410229.8
L3580.1	503581.9	5410230.4	41064.10156	261.57	0	48.845034	-86.951179	55902.28	56244.7	5.32	55907.60	55972.55469	55914.21448	55993.72266	503581.9	5410230.4
L3580.1	503581.9	5410231.1	41064.19922	259.08	0	48.845041	-86.951179	55901.72	56244.7	5.32	55907.04	55971.59375	55914.54436	55992.73828	503581.9	5410231.1
L3580.1	503581.9	5410231.8	41064.30078	258.51	0	48.845047	-86.951180	55901.36	56244.7	5.32	55906.69	55970.83984	55914.88820	55991.77344	503581.9	5410231.8
L3580.1	503581.9	5410231.8	41064.39844	259.92	0	48.845047	-86.951180	55900.56	56244.7	5.32	55905.88	55969.62891	55915.20096	55990.78516	503581.9	5410231.8
L3580.1	503581.9	5410232.5	41064.39844	259.92	0	48.845053	-86.951180	55900.18	56244.7	5.32	55905.50	55968.84766	55915.54591	55989.83984	503581.9	5410232.5
L3580.1	503581.9	5410232.5	41064.60156	262.39	0	48.845053	-86.951180	55900.28	56244.7	5.33	55905.60	55968.54688	55915.92826	55988.94141	503581.9	5410232.5
L3580.1	503581.9	5410233.5	41064.69922	263.77	0	48.845062	-86.951180	55899.77	56244.7	5.33	55905.10	55967.64453	55916.26996	55988.01172	503581.9	5410233.5
L3580.1	503581.9	5410233.5	41064.80078	264.89	0	48.845062	-86.951180	55899.60	56244.7	5.33	55904.93	55967.07422	55916.63719	55987.11719	503581.9	5410233.5
L3580.1	503581.9	5410234.3	41064.89844	265.85	0	48.845069	-86.951180	55899.29	56244.7	5.33	55904.62	55966.36328	55916.99483	55986.22266	503581.9	5410234.3
L3580.1	503581.9	5410234.6	41065.00000	264.83	0	48.845073	-86.951180	55899.06	56244.7	5.33	55904.39	55965.73047	55917.35800	55985.34766	503581.9	5410234.6
L3580.1	503581.9	5410235.3	41065.10156	264.20	0	48.845079	-86.951179	55898.71	56244.7	5.33	55904.03	55964.97266	55917.71044	55984.46875	503581.9	5410235.3
L3580.1	503581.9	5410235.3	41065.19922	266.06	0	48.845079	-86.951179	55898.06	56244.7	5.32	55903.38	55963.92188	55918.03834	55983.57813	503581.9	5410235.3
L3580.1	503581.9	5410236.0	41065.30078	264.46	0	48.845085	-86.951179	55897.80	56244.7	5.32	55903.12	55963.26172	55918.39192	55982.72656	503581.9	5410236.0
L3580.1	503582.0	5410236.7	41065.39844	262.74	0	48.845091	-86.951179	55897.60	56244.7	5.32	55902.92	55962.66406	55918.74540	55981.88672	503582.0	5410236.7
L3580.1	503582.0	5410236.7	41065.50000	260.41	0	48.845091	-86.951179	55897.14	56244.7	5.32	55902.46	55961.80469	55919.07233	55981.03125	503582.0	5410236.7
L3580.1	503582.0	5410237.4	41065.60156	260.56	0	48.845098	-86.951179	55897.27	56244.7	5.31	55902.58	55961.52344	55919.43967	55980.22656	503582.0	5410237.4
L3580.1	503582.0	5410238.1	41065.69922	260.94	0	48.845104	-86.951178	55896.94	56244.7	5.31	55902.25	55960.79297	55919.76467	55979.39453	503582.0	5410238.1
L3580.1	503582.0	5410239.1	41065.80078	262.75	0	48.845113	-86.951178	55896.84	56244.7	5.31	55902.15	55960.29688	55920.10477	55978.59375	503582.0	5410239.1
L3580.1	503582.0	5410239.1	41065.89844	260.00	0	48.845113	-86.951178	55896.71	56244.7	5.30	55902.02	55959.76563	55920.43942	55977.79688	503582.0	5410239.1
L3580.1	503582.1	5410239.9	41066.00000	260.25	0	48.845120	-86.951178	55896.38	56244.7	5.30	55901.68	55959.02734	55920.75267	55976.99219	503582.1	5410239.9
L3580.1	503582.1	5410239.9	41066.10156	261.02	0	48.845120	-86.951178	55896.18	56244.7	5.30	55901.48	55958.42969	55921.07730	55976.21484	503582.1	5410239.9
L3580.1	503582.1	5410241.0	41066.19922	265.09	0	48.845130	-86.951177	55895.95	56244.7	5.30	55901.25	55957.80078	55921.39611	55975.44141	503582.1	5410241.0
L3580.1	503582.1	5410241.8	41066.30078	265.92	0	48.845137	-86.951177	55896.03	56244.7	5.29	55901.33	55957.48438	55921.74286	55974.71484	503582.1	5410241.8
L3580.1	503582.1	5410241.8	41066.39844	263.71	0	48.845137	-86.951177	55895.82	56244.7	5.29	55901.12	55956.87500	55922.05409	55973.96484	503582.1	5410241.8
L3580.1	503582.1	5410242.9	41066.39844	263.71	0	48.845147	-86.951176	55895.47	56244.7	5.29	55900.76	55956.11719	55922.34076	55973.20703	503582.1	5410242.9
L3580.1	503582.2	5410243.7	41066.60156	270.87	0	48.845154	-86.951176	55895.45	56244.7	5.29	55900.73	55955.69141	55922.65119	55972.48438	503582.2	5410243.7
L3580.1	503582.2	5410244.7	41066.69922	269.73	0	48.845163	-86.951176	55895.35	56244.7	5.29	55900.63	55955.19141	55922.93998	55971.75781	503582.2	5410244.7
L3580.1	503582.2	5410244.7	41066.80078	267.41	0	48.845163	-86.951176	55895.12	56244.7	5.28	55900.40	55954.56641	55923.19495	55971.00781	503582.2	5410244.7
L3580.1	503582.2	5410245.5	41066.89844	266.93	0	48.845171	-86.951175	55895.14	56244.7	5.28	55900.43	55954.19922	55923.46290	55970.28906	503582.2	5410245.5
L3580.1	503582.2	5410246.6	41067.00000	267.00	0	48.845180	-86.951175	55894.89	56244.7	5.28	55900.17	55953.54297	55923.66860	55969.52344	503582.2	5410246.6
L3580.1	503582.2	5410247.4	41067.10156	266.86	0	48.845187	-86.951175	55895.04	56244.7	5.28	55900.32	55953.29297	55923.91304	55968.81250	503582.2	5410247.4
L3580.1	503582.2	5410247.4	41067.19922	265.60	0	48.845187	-86.951175	55895.29	56244.7	5.28	55900.57	55953.14844	55924.16046	55968.12109	503582.2	5410247.4
L3580.1	503582.2	5410248.4	41067.30078	264.85	0	48.845197	-86.951175	55894.96	56244.7	5.28	55900.24	55952.42188	55924.30082	55967.33594	503582.2	5410248.4
L3580.1	503582.2	5410249.5	41067.39844	265.10	0	48.845206	-86.951175	55895.25	56244.7	5.28	55900.53	55952.31250	55924.54026	55966.66406	503582.2	5410249.5
L3580.1	503582.2	5410250.5	41067.50000	265.51	0	48.845216	-86.951175	55895.17	56244.7	5.28	55900.45	55951.83594	55924.71865	55965.94922	503582.2	5410250.5
L3580.1	503582.2	5410250.5	41067.60156	263.50	0	48.845216	-86.951175	55894.94	56244.7	5.28	55900.22	55951.21094	55924.88056	55965.23047	503582.2	5410250.5
L3580.1	503582.2	5410251.5	41067.69922	261.69	0	48.845224	-86.951175	55894.99	56244.7	5.28	55900.27	55950.86328	55928.01619	55967.50391	503582.2	5410251.5
L3580.1	503582.2	5410252.5	41067.80078	261.83	0	48.845233	-86.951176	55895.25	56244.7	5.28	55900.53	55950.73047	55928.33054	55966.97266	503582.2	5410252.5
L3580.1	503582.2	5410252.5	41067.89844	265.88	0	48.845233	-86.951176	55894.86	56244.7	5.28	55900.14	55949.94141	55928.73620	55966.54688	503582.2	5410252.5
L3580.1	503582.2	5410253.4	41068.00000	268.29	0	48.845242	-86.951176	55895.29	56244.7	5.28	55900.57	55949.97656	55929.13675	55966.13281	503582.2	5410253.4
L3580.1	503582.2	5410254.3	41068.10156	270.57	0	48.845250	-86.951176	55895.50	56244.7	5.28	55900.77	55949.78125	55929.60413	55965.80078	503582.2	5410254.3
L3580.1	503582.2	5410255.3	41068.19922	273.52	0	48.845259	-86.951176	55895.88	56244.7	5.28	55901.15	55949.76563	55930.10783	55965.51953	503582.2	5410255.3
L3580.1	503582.2	5410255.3	41068.30078	272.26	0	48.845259	-86.951176	55896.38	56244.7	5.27	55901.65	55949.87109	55930.64537	55965.28906	503582.2	5410255.3
L3580.1	503582.1	5410256.2	41068.39844	272.51	0	48.845267	-86.951176	55896.46	56244.7	5.27	55901.73	55949.55469	55931.23821	55965.12891	503582.1	5410256.2
L3580.1	503582.1	5410257.0	41068.39844	272.51	0	48.845274	-86.951176	55896.59	56244.7	5.27	55901.86	55949.29297	55931.86054	55965.01172	503582.1	5410257.0
L3580.1	503582.1	5410258.0	41068.60156	275.92	0	48.845283	-86.951177	55897.17	56244.7	5.27	55902.44	55949.47656	55932.49145	55964.92188	503582.1	5410258.0
L3580.1	503582.1	5410259.2	41068.69922	276.58	0	48.845293	-86.951177	55897.42	56244.7	5.27	55902.68	55949.32422	55933.17204	55964.89453	503582.1	5410259.2
L3580.1	503582.1	5410259.2	41068.80078	274.86	0	48.845293	-86.951177	55897.52	56244.7	5.26	55902.78	55949.03125	55933.89609	55964.92969	503582.1	5410259.2
L3580.1	503582.0	5410260.6	41068.89844	271.74	0	48.845306	-86.951178	55898.16	56244.7	5.26	55903.42	55949.27734	55934.63143	55964.98828	503582.0	5410260.6
L3580.1	503582.0	5410260.6	41069.00000	269.41	0	48.845306	-86.951178	55898.36	56244.7	5.26	55903.62	55949.08594	55935.43628	55965.13281	503582.0	5410260.6
L3580.1	503582.0	5410261.6	41069.10156	267.93	0	48.845315	-86.951178	55899.54	56244.7	5.26	55904.80	55949.87109	55936.23302	55965.28516	503582.0	5410261.6
L3580.1	503582.0	5410262.6	41069.19922	260.32	0	48.845325	-86.951179	55899.70	56244.7	5.26	55904.96	55949.64063	55937.14089	55965.56250	503582.0	5410262.6
L3580.1	503581.9	5410263.7	41069.30078	260.06	0	48.845334	-86.951179	55900.53	56244.7	5.25	55905.79	55950.07813	55938.05584	55965.85938	503581.9	5410263.7
L3580.1	503581.9	5410263.7	41069.39844	259.21	0	48.845334	-86.951179	55900.58	56244.7	5.25	55905.83	55949.72656	55939.07992	55966.28516	503581.9	5410263.7
L3580.1	503581.9	5410265.1	41069.50000	260.01	0	48.845347	-86.951180	55901.59	56244.8	5.25	55906.84	55950.34766	55940.07809	55966.69531	503581.9	5410265.1
L3580.1	503581.8	5410266.2	41069.60156	260.19	0	48.845357	-86.951180	55902.27	56244.8	5.25	55907.52	55950.63672	55937.33635	55963.38281	503581.8	5410266.2
L3580.1	503581.8	5410266.2	41069.69922	265.08	0	48.845357	-86.951180	55902.96	56244.8	5.25	55908.21	55950.93750	55938.36305	55963.85156	503581.8	5410266.2
L3580.1	503581.8	5410267.2	41069.80078	265.53	0	48.845366	-86.951180	55903.89	56244.8	5.24	55909.14	55951.48047	55939.43712	55964.38281	503581.8	5410267.2
L3580.1	503581.8	5410268.3	41069.89844	267.54	0	48.845376	-86.951181	55904.56	56244.8	5.24	55909.80	55951.75391	55940.44728	55964.86328	503581.8	5410268.3
L3580.1	503581.8	5410268.3	41070.00000	267.33	0	48.845376	-86.951181	55905.46	56244.8	5.24	55910.70	55952.26563	55941.47658	55965.37500	503581.8	5410268.3
L3580.1	503581.8	5410269.4	41070.10156	267.82	0	48.845385	-86.951181	55906.13	56244.8	5.24	55911.36	55952.53906	55942.42821	55965.82422	503581.8	5410269.4
L3580.1	503581.8	5410270.2	41070.19922	268.06	0	48.845393	-86.951181	55907.21	56244.8	5.24	55912.45	55953.24219	55943.40502	55966.31250	503581.8	5410270.2
L3580.1	503581.7	5410271.9	41070.30078	268.48	0	48.845408	-86.951182	55908.14	56244.8	5.24	55913.38	55953.78906	55944.30474	55966.73438	503581.7	5410271.9
L3580.1	503581.7	5410273.0	41070.39844	267.75	0	48.845418	-86.951182	55909.06	56244.8	5.24	55914.29	55954.31641	55945.15116	55967.12109	503581.7	5410273.0
L3580.1	503581.7	5410273.0	41070.39844	267.75	0	48.845418	-86.951182	55910.45	56244.8	5.24	55915.68	55955.32422	55946.03707	55967.55469	503581.7	5410273.0
L3580.1	503581.7	5410274.1	41070.60156	264.85	0	48.845428	-86.951182	55911.36	56244.8	5.24	55916.60	55955.86328	55946.81369	55967.89453	503581.7	5410274.1
L3580.1	503581.7	5410275.1	41070.69922	265.62	0	48.845436	-86.951182	55912.65	56244.8	5.24	55917.89	55956.76953	55947.63732	55968.29297	503581.7	5410275.1
L3580.1	503581.7	5410275.1	41070.80078	259.17	0	48.845436	-86.951182	55913.61	56244.8	5.24	55918.85	55957.35156	55948.40275	55968.64453	503581.7	5410275.1
L3580.1	503581.7	5410276.7	41070.89844	260.68	0	48.845452	-86.951182	55915.07	56244.8	5.24	55920.31	55958.43359	55949.26614	55969.10547	503581.7	5410276.7
L3580.1	503581.7	5410277.9	41071.00000	264.33	0	48.845461	-86.951182	55916.16	56244.8	5.24	55921.40	55959.14453	55950.07498	55969.52344	503581.7	5410277.9
L3580.1	503581.7	5410278.8	41071.10156	263.12	0	48.845470	-86.951182	55917.81	56244.8	5.24	55923.05	55960.41797	55951.00813	55970.07813	503581.7	5410278.8
L3580.1	503581.7	5410279.6	41071.19922	263.64	0	48.845477	-86.951182	55919.15	56244.8	5.24	55924.39	55961.38281	55955.34707	55974.05078	503581.7	5410279.6

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L3580.1	503581.7	5410279.6	41071.30078	266.41	0	48.845477	-86.951182	55920.62	56244.8	5.24	55925.86	55962.48047	55956.17771	55974.52344	503581.7	5410279.6
L3580.1	503581.8	5410281.4	41071.39844	266.41	0	48.845493	-86.951181	55921.78	56244.8	5.24	55927.02	55963.26563	55957.05208	55975.05078	503581.8	5410281.4
L3580.1	503581.8	5410281.4	41071.50000	266.96	0	48.845493	-86.951181	55923.35	56244.8	5.24	55928.59	55964.46484	55957.91483	55975.57813	503581.8	5410281.4
L3580.1	503581.8	5410282.5	41071.60156	267.95	0	48.845503	-86.951181	55924.54	56244.8	5.24	55929.78	55965.28516	55958.82602	55976.16406	503581.8	5410282.5
L3580.1	503581.8	5410284.0	41071.69922	270.34	0	48.845516	-86.951180	55926.06	56244.8	5.24	55931.29	55966.42578	55959.73992	55976.76172	503581.8	5410284.0
L3580.1	503581.8	5410285.1	41071.80078	271.28	0	48.845527	-86.951180	55927.47	56244.8	5.24	55932.71	55967.48047	55960.68178	55977.39844	503581.8	5410285.1
L3580.1	503581.8	5410285.1	41071.89844	271.61	0	48.845527	-86.951180	55929.14	56244.8	5.24	55934.38	55968.78516	55961.63193	55978.05078	503581.8	5410285.1
L3580.1	503581.9	5410286.3	41072.00000	269.99	0	48.845537	-86.951180	55930.68	56244.8	5.24	55935.92	55969.96094	55962.61019	55978.74219	503581.9	5410286.3
L3580.1	503581.9	5410287.4	41072.10156	272.07	0	48.845548	-86.951179	55932.10	56244.8	5.24	55937.34	55971.01563	55963.61362	55979.46484	503581.9	5410287.4
L3580.1	503581.9	5410288.8	41072.19922	271.36	0	48.845560	-86.951179	55933.82	56244.8	5.24	55939.06	55972.37500	55964.62943	55980.21094	503581.9	5410288.8
L3580.1	503581.9	5410288.8	41072.30078	270.89	0	48.845560	-86.951179	55935.39	56244.8	5.24	55940.62	55973.57422	55965.67400	55980.99219	503581.9	5410288.8
L3580.1	503582.0	5410290.2	41072.39844	270.75	0	48.845573	-86.951178	55936.75	56244.8	5.24	55941.99	55974.58594	55966.74641	55981.81250	503582.0	5410290.2
L3580.1	503582.0	5410291.8	41072.39844	270.75	0	48.845587	-86.951178	55938.30	56244.8	5.24	55943.53	55975.76953	55967.84042	55982.66016	503582.0	5410291.8
L3580.1	503582.0	5410291.8	41072.60156	267.17	0	48.845587	-86.951178	55940.27	56244.8	5.23	55945.50	55977.38281	55968.95440	55983.53516	503582.0	5410291.8
L3580.1	503582.0	5410294.7	41072.69922	264.21	0	48.845613	-86.951178	55942.17	56244.8	5.23	55947.40	55978.92578	55970.09745	55984.44531	503582.0	5410294.7
L3580.1	503582.0	5410294.7	41072.80078	264.88	0	48.845613	-86.951178	55944.06	56244.8	5.23	55949.30	55980.47266	55971.26677	55985.38672	503582.0	5410294.7
L3580.1	503581.9	5410296.0	41072.89844	263.45	0	48.845624	-86.951179	55945.84	56244.8	5.23	55951.07	55981.89453	55972.45960	55986.36328	503581.9	5410296.0
L3580.1	503581.9	5410296.0	41073.00000	267.11	0	48.845624	-86.951179	55947.61	56244.8	5.23	55952.84	55983.31250	55973.67717	55987.36719	503581.9	5410296.0
L3580.1	503581.9	5410297.3	41073.10156	269.61	0	48.845636	-86.951179	55949.50	56244.8	5.23	55954.73	55984.85547	55974.91830	55988.40234	503581.9	5410297.3
L3580.1	503581.9	5410298.5	41073.19922	269.17	0	48.845647	-86.951179	55951.18	56244.8	5.23	55956.40	55986.17578	55976.18071	55989.46484	503581.9	5410298.5
L3580.1	503581.9	5410298.5	41073.30078	267.52	0	48.845647	-86.951179	55953.09	56244.8	5.23	55958.32	55987.75391	55977.46742	55990.55859	503581.9	5410298.5
L3580.1	503581.9	5410299.8	41073.39844	266.94	0	48.845659	-86.951179	55954.89	56244.8	5.23	55960.12	55989.20703	55978.77788	55991.67969	503581.9	5410299.8
L3580.1	503581.9	5410301.1	41073.50000	270.21	0	48.845670	-86.951179	55957.02	56244.8	5.23	55962.24	55990.98438	55980.11721	55992.83594	503581.9	5410301.1
L3580.1	503581.9	5410302.3	41073.60156	271.12	0	48.845681	-86.951179	55958.86	56244.8	5.22	55964.08	55992.48438	55981.48200	55994.01953	503581.9	5410302.3
L3580.1	503581.9	5410302.3	41073.69922	271.20	0	48.845681	-86.951179	55961.09	56244.8	5.22	55966.31	55994.37500	55982.87941	55995.24219	503581.9	5410302.3
L3580.1	503581.9	5410303.6	41073.80078	272.61	0	48.845693	-86.951179	55962.53	56244.8	5.22	55967.75	55995.47656	55984.30768	55996.50000	503581.9	5410303.6
L3580.1	503581.9	5410304.7	41073.89844	271.07	0	48.845703	-86.951180	55964.91	56244.8	5.22	55970.13	55997.51953	55985.76782	55997.79688	503581.9	5410304.7
L3580.1	503581.9	5410305.9	41074.00000	272.78	0	48.845714	-86.951180	55966.83	56244.8	5.22	55972.05	55999.10547	55987.26145	55999.12891	503581.9	5410305.9
L3580.1	503581.9	5410307.4	41074.10156	273.97	0	48.845728	-86.951179	55968.50	56244.8	5.22	55973.72	56000.44141	55988.79040	56000.50000	503581.9	5410307.4
L3580.1	503581.9	5410307.4	41074.19922	272.06	0	48.845728	-86.951179	55970.45	56244.8	5.22	55975.66	56002.04688	55990.33574	56001.89063	503581.9	5410307.4
L3580.1	503581.9	5410309.1	41074.30078	272.54	0	48.845743	-86.951179	55972.57	56244.8	5.22	55977.79	56003.84766	55991.88406	56003.28516	503581.9	5410309.1
L3580.1	503581.9	5410310.1	41074.39844	271.22	0	48.845752	-86.951179	55974.44	56244.8	5.22	55979.66	56005.38672	55993.44431	56004.69922	503581.9	5410310.1
L3580.1	503581.9	5410311.6	41074.39844	271.22	0	48.845765	-86.951179	55976.57	56244.8	5.22	55981.78	56007.17578	55994.97669	56006.08594	503581.9	5410311.6
L3580.1	503581.9	5410311.6	41074.60156	268.55	0	48.845765	-86.951179	55978.32	56244.8	5.21	55983.53	56008.59766	55995.19797	56006.16406	503581.9	5410311.6
L3580.1	503581.9	5410313.2	41074.69922	268.21	0	48.845780	-86.951179	55980.16	56244.8	5.21	55985.37	56010.11328	55996.73174	56007.55469	503581.9	5410313.2
L3580.1	503581.9	5410313.2	41074.80078	268.06	0	48.845780	-86.951179	55982.26	56244.8	5.21	55987.47	56011.88672	55998.29323	56008.98047	503581.9	5410313.2
L3580.1	503581.9	5410314.7	41074.89844	265.18	0	48.845793	-86.951178	55984.23	56244.8	5.21	55989.44	56013.53516	55999.80887	56010.35938	503581.9	5410314.7
L3580.1	503582.0	5410315.7	41075.00000	263.21	0	48.845802	-86.951178	55986.26	56244.8	5.21	55991.47	56015.24219	56001.31238	56011.73047	503582.0	5410315.7
L3580.1	503582.0	5410316.7	41075.10156	258.78	0	48.845811	-86.951178	55988.16	56244.8	5.21	55993.36	56016.80859	56002.77152	56013.05469	503582.0	5410316.7
L3580.1	503582.0	5410316.7	41075.19922	260.24	0	48.845811	-86.951178	55990.07	56244.8	5.21	55995.28	56018.41016	56004.21681	56014.37109	503582.0	5410316.7
L3580.1	503582.0	5410318.2	41075.30078	261.47	0	48.845824	-86.951177	55992.05	56244.8	5.21	55997.25	56020.05859	56005.65388	56015.67969	503582.0	5410318.2
L3580.1	503582.0	5410319.5	41075.39844	258.45	0	48.845836	-86.951177	55993.79	56244.8	5.21	55999.00	56021.49219	56007.04204	56016.93750	503582.0	5410319.5
L3580.1	503582.0	5410321.1	41075.50000	258.48	0	48.845850	-86.951177	55995.99	56244.8	5.21	56001.20	56023.37500	56008.49265	56018.26172	503582.0	5410321.1
L3580.1	503582.0	5410321.1	41075.60156	259.88	0	48.845850	-86.951177	55997.92	56244.8	5.20	56003.12	56024.98047	56009.89189	56019.53516	503582.0	5410321.1
L3580.1	503582.0	5410322.6	41075.69922	261.47	0	48.845864	-86.951177	56000.04	56244.8	5.20	56005.24	56026.78516	56011.32382	56020.84375	503582.0	5410322.6
L3580.1	503582.0	5410323.7	41075.80078	266.46	0	48.845874	-86.951177	56001.82	56244.8	5.20	56007.02	56028.25000	56012.69846	56022.09375	503582.0	5410323.7
L3580.1	503582.0	5410325.2	41075.89844	268.31	0	48.845887	-86.951177	56004.14	56244.8	5.20	56009.34	56030.25781	56014.17834	56023.45313	503582.0	5410325.2
L3580.1	503582.0	5410325.2	41076.00000	269.07	0	48.845887	-86.951177	56005.53	56244.8	5.20	56010.73	56031.33594	56016.27483	56025.42578	503582.0	5410325.2
L3580.1	503582.0	5410327.1	41076.10156	271.82	0	48.845904	-86.951177	56008.32	56244.8	5.20	56013.51	56033.80469	56017.59922	56026.62891	503582.0	5410327.1
L3580.1	503582.0	5410327.1	41076.19922	272.58	0	48.845904	-86.951177	56009.73	56244.8	5.20	56014.92	56034.90234	56019.04734	56027.95313	503582.0	5410327.1
L3580.1	503582.0	5410328.3	41076.30078	273.16	0	48.845916	-86.951178	56012.21	56244.8	5.20	56017.40	56037.07422	56020.44511	56029.23047	503582.0	5410328.3
L3580.1	503582.0	5410329.8	41076.39844	274.90	0	48.845929	-86.951178	56013.72	56244.8	5.20	56018.92	56038.28906	56021.90691	56030.57422	503582.0	5410329.8
L3580.1	503582.0	5410331.0	41076.39844	274.90	0	48.845939	-86.951178	56015.85	56244.8	5.20	56021.04	56040.10156	56023.36327	56031.91016	503582.0	5410331.0
L3580.1	503582.0	5410332.4	41076.60156	274.71	0	48.845953	-86.951178	56018.03	56244.8	5.19	56023.22	56041.97266	56024.84182	56033.26563	503582.0	5410332.4
L3580.1	503582.0	5410332.4	41076.69922	271.82	0	48.845953	-86.951178	56019.62	56244.8	5.19	56024.81	56043.25781	56026.33810	56034.64063	503582.0	5410332.4
L3580.1	503581.9	5410333.8	41076.80078	271.39	0	48.845965	-86.951178	56021.88	56244.8	5.19	56027.07	56045.21484	56027.85412	56036.03906	503581.9	5410333.8
L3580.1	503581.9	5410333.8	41076.89844	273.13	0	48.845965	-86.951178	56023.76	56244.8	5.19	56028.95	56046.79297	56029.37843	56037.44141	503581.9	5410333.8
L3580.1	503581.9	5410335.2	41077.00000	271.72	0	48.845978	-86.951179	56025.84	56244.8	5.19	56031.03	56048.57031	56030.91825	56038.85938	503581.9	5410335.2
L3580.1	503581.9	5410336.9	41077.10156	269.51	0	48.845992	-86.951179	56027.84	56244.8	5.19	56033.03	56050.26953	56032.46269	56040.28516	503581.9	5410336.9
L3580.1	503581.9	5410338.2	41077.19922	268.94	0	48.846004	-86.951179	56029.86	56244.8	5.19	56035.04	56051.97656	56034.01067	56041.71094	503581.9	5410338.2
L3580.1	503581.9	5410339.5	41077.30078	267.63	0	48.846016	-86.951179	56031.98	56244.8	5.18	56037.17	56053.80859	56035.56292	56043.14453	503581.9	5410339.5
L3580.1	503581.9	5410339.5	41077.39844	268.23	0	48.846016	-86.951179	56033.71	56244.8	5.18	56038.89	56055.23047	56037.09876	56044.55859	503581.9	5410339.5
L3580.1	503581.9	5410341.5	41077.50000	269.34	0	48.846034	-86.951179	56035.58	56244.8	5.18	56040.76	56056.80078	56038.63806	56045.97656	503581.9	5410341.5
L3580.1	503581.9	5410341.5	41077.60156	270.49	0	48.846034	-86.951179	56037.68	56244.8	5.18	56042.86	56058.60547	56040.18054	56047.39844	503581.9	5410341.5
L3580.1	503581.8	5410343.2	41077.69922	272.53	0	48.846049	-86.951180	56039.68	56244.8	5.18	56044.86	56060.30859	56041.71553	56048.80859	503581.8	5410343.2
L3580.1	503581.8	5410344.6	41077.80078	271.52	0	48.846062	-86.951180	56041.37	56244.8	5.17	56046.54	56061.69531	56043.24105	56050.21484	503581.8	5410344.6
L3580.1	503581.8	5410344.6	41077.89844	272.27	0	48.846062	-86.951180	56043.83	56244.8	5.17	56049.00	56063.86328	56044.77109	56051.62109	503581.8	5410344.6
L3580.1	503581.8	5410346.4	41078.00000	272.55	0	48.846078	-86.951180	56045.57	56244.8	5.17	56050.74	56065.30859	56046.28733	56053.01563	503581.8	5410346.4
L3580.1	503581.8	5410347.6	41078.10156	273.46	0	48.846089	-86.951180	56047.59	56244.8	5.17	56052.76	56067.03906	56047.79784	56054.40234	503581.8	5410347.6
L3580.1	503581.8	5410349.5	41078.19922	272.96	0	48.846106	-86.951180	56049.46	56244.8	5.17	56054.64	56068.62891	56049.30095	56055.78516	503581.8	5410349.5
L3580.1	503581.8	5410349.5	41078.30078	270.97	0	48.846106	-86.951180	56052.05	56244.8	5.17	56057.22	56070.92188	56050.77861	56057.13672	503581.8	5410349.5
L3580.1	503581.8	5410350.8	41078.39844	270.50	0	48.846117	-86.951181	56053.64	56244.8	5.17	56058.82	56072.23438	56052.26463	56058.50000	503581.8	5410350.8
L3580.1	503581.7	5410352.4	41078.39844	270.50	0	48.846132	-86.951181	56055.44	56244.8	5.17	56060.61	56073.73438	56053.73477	56059.84766	503581.7	5410352.4
L3580.1	503581.7	5410352.4	41078.60156	268.68	0	48.846132	-86.951181	56057.91	56244.8	5.18	56063.09	56075.92969	56055.15229	56061.14063	503581.7	5410352.4
L3580.1	503581.7	5410353.9	41078.69922	269.36	0	48.846146	-86.951181	56059.48	56244.8	5.18	56064.66	56077.21484	56056.60123	56062.46484	503581.7	5410353.9
L3580.1	503581.7	5410353.9	41078.80078	271.74	0	48.846146	-86.951181	56061.82	56244.8	5.18	56066.99	56079.26563	56057.97533	56063.71484	503581.7	5410353.9
L3580.1	503581.7	5410356.7	41078.89844	272.76	0	48.846171	-86.951181	56063.51	56244.8	5.18	56068.69	56080.68359	56059.47606	56065.09375	503581.7	5410356.7
L3580.1	503581.7	5410356.7	41079.00000	269.50	0	48.846171	-86.951181	56065.78	56244.8	5.18	56070.96	56082.67188	56060.90336	56066.39453	503581.7	5410356.7
L3580.1	503581.7	5410358.6	41079.10156	269.41	0	48.846188	-86.951181	56067.66	56244.8	5.18	56072.84	56084.27344	56062.23587	56067.60547	503581.7	5410358.6
L3580.1	503581.7	5410360.0	41079.19922	265.20	0	48.846200	-86.951181	56070.13	56244.8	5.18	56075.31	56086.46875	56063.64199	56068.88672	503581.7	5410360.0
L3580.1	503581.7	5410360.0	41079.30078	264.40	0	48.846200	-86.951181	56071.90	56244.8	5.18	56077.08	56087.96094	56064.92438	56070.04297	503581.7	5410360.0
L3580.1	503581.7	5410361.8	41079.39844	263.80	0	48.846217	-86.951182	56073.72	56244.8	5.18	56078.90	56089.50781	56066.21068	56071.20703	503581.7	5410361.8
L3580.1	503581.7	5410361.8	41079.50000	263.95	0	48.846217	-86.951182	56075.83	56244.8	5.18	56081.00	56091.33594	56067.53102	56072.40234	503581.7	5410361.8
L3580.1	503581.7	5410363.8	41079.60156	259.79	0	48.846234	-86.951182	56078.11	56244.8	5.17	56083.28	56093.34375	56068.87457	56073.62109	503581.7	5410363.8
L3580.1	503581.6	5410365.2	41079.69922	259.27	0	48.846247	-86.951182	56080.24	56244.8	5.17	56085.42	56095.21484	56070.21534	56074.83984	503581.6	5410365.2
L3580.1	503581.6	5410365.2	41079.80078	261.70	0	48.846247	-86.951182	56081.72	56244.8	5.17	56086.89	56096.41797	56071.52068	56076.01953	503581.6	5410365.2
L3580.1	503581.6	5410366.9	41079.89844	260.81	0	48.846262	-86.951182	56084.42	56244.8	5.17	56089.59	56098.85547	56072.96201	56077.33984	503581.6	5410366.9
L3580.1	503581.6	5410368.2	41080.00000	263.99	0	48.846274	-86.951183	56086.14	56244.8	5.17	56091.31	56100.31250	56074.36056	56078.61719	503581.6	5410368.2
L3580.1	503581.6	5410368.2	41080.10156	264.74	0	48.846274	-86.951183	56088.45	56244.8	5.17	56093.61	56102.35156	56075.85207	56079.98438	503581.6	5410368.2
L3580.1	503581.6	5410369.8	41080.19922	263.67	0	48.846289	-86.951183	56090.32	56244.8	5.17	56095.49	56103.96875	56077.36391	56081.37500	503581.6	5410369.8
L3580.1	503581.6	5410371.4	41080.30078	253.81	0	48.846303	-86.951183	56092.41	56244.8	5.17	56097.58	56105.80469	56078.94548	56082.83594	503581.6	5410371.4
L3580.1	503581.6	5410371.4	41080.39844	255.84	0	48.846303	-86.951183	56094.21	56244.8	5.17	56099.38	56107.34766	56080.55218	56084.32031	503581.6	5410371.4
L3580.1	503581.5	5410372.8	41080.39844	255.84	0	48.846316	-86.951183	56096.55	56244.8	5.17	56101.72	56109.43750	56082.26063	56085.90625	503581.5	5410372.8

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L3580.1	503581.5	5410374.2	41080.60156	258.06	0	48.846329	-86.951184	56098.69	56244.8	5.17	56103.86	56111.32422	56083.99889	56087.52734	503581.5	5410374.2
L3580.1	503581.5	5410374.2	41080.69922	260.30	0	48.846329	-86.951184	56100.82	56244.8	5.17	56105.99	56113.20703	56085.78108	56089.18750	503581.5	5410374.2
L3580.1	503581.5	5410375.8	41080.80078	263.67	0	48.846343	-86.951184	56103.09	56244.8	5.17	56108.26	56115.23047	56087.62375	56090.91406	503581.5	5410375.8
L3580.1	503581.5	5410377.6	41080.89844	259.90	0	48.846359	-86.951185	56104.71	56244.8	5.17	56109.88	56116.60547	56089.40581	56092.57813	503581.5	5410377.6
L3580.1	503581.4	5410379.1	41081.00000	258.79	0	48.846372	-86.951185	56107.17	56244.8	5.17	56112.34	56118.82813	56091.34767	56094.40234	503581.4	5410379.1
L3580.1	503581.4	5410379.1	41081.10156	268.05	0	48.846372	-86.951185	56109.00	56244.8	5.17	56114.17	56120.41797	56093.20853	56096.14844	503581.4	5410379.1
L3580.1	503581.4	5410380.5	41081.19922	269.87	0	48.846385	-86.951185	56111.17	56244.8	5.17	56116.34	56122.35156	56094.01786	56096.83984	503581.4	5410380.5
L3580.1	503581.4	5410382.2	41081.30078	273.72	0	48.846400	-86.951185	56113.08	56244.8	5.17	56118.25	56124.02734	56095.93220	56098.64063	503581.4	5410382.2
L3580.1	503581.4	5410382.2	41081.39844	274.15	0	48.846400	-86.951185	56115.32	56244.8	5.17	56120.48	56126.02734	56097.82908	56100.42578	503581.4	5410382.2
L3580.1	503581.4	5410383.6	41081.50000	273.31	0	48.846413	-86.951185	56117.34	56244.8	5.17	56122.50	56127.82031	56099.73452	56102.21875	503581.4	5410383.6
L3580.1	503581.4	5410385.5	41081.60156	274.64	0	48.846430	-86.951186	56119.10	56244.8	5.16	56124.27	56129.36719	56101.62978	56104.00000	503581.4	5410385.5
L3580.1	503581.4	5410385.5	41081.69922	273.20	0	48.846430	-86.951186	56121.32	56244.8	5.16	56126.49	56131.36328	56103.49924	56105.76172	503581.4	5410385.5
L3580.1	503581.4	5410386.8	41081.80078	272.96	0	48.846441	-86.951186	56123.58	56244.8	5.16	56128.74	56133.39453	56105.34988	56107.50391	503581.4	5410386.8
L3580.1	503581.3	5410388.4	41081.89844	270.14	0	48.846456	-86.951186	56126.09	56244.8	5.16	56131.25	56135.69141	56107.18035	56109.22656	503581.3	5410388.4
L3580.1	503581.3	5410389.9	41082.00000	270.56	0	48.846469	-86.951186	56127.86	56244.8	5.16	56133.02	56137.25000	56108.94750	56110.88672	503581.3	5410389.9
L3580.1	503581.3	5410391.3	41082.10156	270.32	0	48.846482	-86.951186	56129.63	56244.8	5.16	56134.79	56138.80859	56110.65871	56112.49219	503581.3	5410391.3
L3580.1	503581.3	5410391.3	41082.19922	269.68	0	48.846482	-86.951186	56131.57	56244.8	5.16	56136.74	56140.55469	56112.32601	56114.05469	503581.3	5410391.3
L3580.1	503581.3	5410392.7	41082.30078	270.27	0	48.846495	-86.951186	56133.88	56244.8	5.16	56139.04	56142.65234	56113.96317	56115.58984	503581.3	5410392.7
L3580.1	503581.3	5410394.1	41082.39844	269.52	0	48.846507	-86.951187	56135.81	56244.8	5.16	56140.97	56144.38281	56115.53056	56117.05469	503581.3	5410394.1
L3580.1	503581.3	5410394.1	41082.39844	269.52	0	48.846507	-86.951187	56137.82	56244.8	5.16	56142.98	56146.19531	56117.05677	56118.48438	503581.3	5410394.1
L3580.1	503581.3	5410396.0	41082.60156	273.76	0	48.846525	-86.951187	56139.89	56244.8	5.17	56145.06	56148.08203	56118.54994	56119.87891	503581.3	5410396.0
L3580.1	503581.2	5410397.6	41082.69922	274.29	0	48.846539	-86.951187	56141.70	56244.8	5.17	56146.87	56149.70313	56119.99352	56121.22656	503581.2	5410397.6
L3580.1	503581.2	5410398.9	41082.80078	273.06	0	48.846550	-86.951188	56143.46	56244.8	5.17	56148.63	56151.28125	56121.40965	56122.54688	503581.2	5410398.9
L3580.1	503581.2	5410398.9	41082.89844	273.72	0	48.846550	-86.951188	56145.13	56244.8	5.17	56150.30	56152.76953	56122.80552	56123.84766	503581.2	5410398.9
L3580.1	503581.2	5410400.3	41083.00000	272.60	0	48.846563	-86.951189	56147.38	56244.8	5.17	56152.55	56154.83984	56124.22354	56125.17578	503581.2	5410400.3
L3580.1	503581.1	5410402.0	41083.10156	271.76	0	48.846578	-86.951189	56149.31	56244.8	5.17	56154.48	56156.59766	56125.62496	56126.48828	503581.1	5410402.0
L3580.1	503581.1	5410402.0	41083.19922	272.59	0	48.846578	-86.951189	56151.28	56244.8	5.17	56156.44	56158.38672	56127.03916	56127.81250	503581.1	5410402.0
L3580.1	503581.1	5410403.1	41083.30078	272.55	0	48.846588	-86.951190	56153.48	56244.8	5.16	56158.64	56160.41797	56128.47401	56129.16406	503581.1	5410403.1
L3580.1	503581.0	5410404.5	41083.39844	271.87	0	48.846600	-86.951190	56154.82	56244.8	5.16	56159.98	56161.59375	56129.87230	56130.47656	503581.0	5410404.5
L3580.1	503581.0	5410404.5	41083.50000	271.49	0	48.846600	-86.951190	56156.96	56244.8	5.16	56162.13	56163.58594	56131.31642	56131.83984	503581.0	5410404.5
L3580.1	503581.0	5410406.1	41083.60156	274.54	0	48.846615	-86.951191	56158.67	56244.8	5.16	56163.83	56165.13281	56132.74459	56133.18750	503581.0	5410406.1
L3580.1	503580.9	5410407.3	41083.69922	276.11	0	48.846626	-86.951191	56160.86	56244.8	5.16	56166.01	56167.16016	56134.20318	56134.56641	503580.9	5410407.3
L3580.1	503580.9	5410408.6	41083.80078	275.13	0	48.846637	-86.951192	56162.09	56244.8	5.15	56167.24	56168.24219	56135.62279	56135.91016	503580.9	5410408.6
L3580.1	503580.9	5410410.3	41083.89844	272.80	0	48.846653	-86.951192	56164.20	56244.8	5.15	56169.35	56170.20703	56137.10046	56137.31250	503580.9	5410410.3
L3580.1	503580.8	5410411.4	41084.00000	268.87	0	48.846663	-86.951193	56165.72	56244.8	5.15	56170.87	56171.58984	56138.56473	56138.70313	503580.8	5410411.4
L3580.1	503580.8	5410411.4	41084.10156	267.95	0	48.846663	-86.951193	56167.68	56244.9	5.15	56172.83	56173.41406	56140.07477	56140.14063	503580.8	5410411.4
L3580.1	503580.8	5410412.8	41084.19922	268.15	0	48.846675	-86.951193	56169.64	56244.9	5.15	56174.79	56175.24219	56141.61142	56141.60938	503580.8	5410412.8
L3580.1	503580.8	5410414.4	41084.30078	268.66	0	48.846690	-86.951194	56170.96	56244.9	5.15	56176.10	56176.42578	56143.13308	56143.06641	503580.8	5410414.4
L3580.1	503580.8	5410414.4	41084.39844	269.76	0	48.846690	-86.951194	56172.61	56244.9	5.15	56177.75	56177.94922	56144.70213	56144.57031	503580.8	5410414.4
L3580.1	503580.7	5410416.1	41084.39844	269.76	0	48.846705	-86.951194	56174.09	56244.9	5.15	56179.24	56179.32031	56146.28269	56146.08594	503580.7	5410416.1
L3580.1	503580.7	5410417.7	41084.60156	272.38	0	48.846720	-86.951194	56175.79	56244.9	5.14	56180.94	56180.90234	56147.89847	56147.64063	503580.7	5410417.7
L3580.1	503580.7	5410417.7	41084.69922	273.59	0	48.846720	-86.951194	56177.56	56244.9	5.14	56182.70	56182.55078	56149.53454	56149.21875	503580.7	5410417.7
L3580.1	503580.7	5410418.9	41084.80078	272.88	0	48.846731	-86.951195	56179.18	56244.9	5.14	56184.32	56184.06250	56151.16687	56150.79688	503580.7	5410418.9
L3580.1	503580.7	5410420.3	41084.89844	274.73	0	48.846743	-86.951195	56180.88	56244.9	5.14	56186.02	56185.66016	56152.81170	56152.38672	503580.7	5410420.3
L3580.1	503580.6	5410422.0	41085.00000	272.75	0	48.846758	-86.951195	56182.62	56244.9	5.14	56187.76	56187.29688	56154.45883	56153.98047	503580.6	5410422.0
L3580.1	503580.6	5410422.0	41085.10156	274.02	0	48.846758	-86.951195	56184.26	56244.9	5.14	56189.40	56188.83984	56156.08351	56155.55469	503580.6	5410422.0
L3580.1	503580.6	5410423.9	41085.19922	274.08	0	48.846776	-86.951196	56185.88	56244.9	5.14	56191.02	56190.36719	56157.68453	56157.10547	503580.6	5410423.9
L3580.1	503580.6	5410425.3	41085.30078	274.43	0	48.846788	-86.951196	56187.41	56244.9	5.13	56192.54	56191.79688	56159.24130	56158.61719	503580.6	5410425.3
L3580.1	503580.6	5410425.3	41085.39844	275.04	0	48.846788	-86.951196	56188.84	56244.9	5.13	56193.98	56193.15234	56160.74699	56160.07813	503580.6	5410425.3
L3580.1	503580.6	5410426.9	41085.50000	277.06	0	48.846802	-86.951196	56190.54	56244.9	5.13	56195.67	56194.76172	56162.24427	56161.53125	503580.6	5410426.9
L3580.1	503580.5	5410428.4	41085.60156	276.88	0	48.846816	-86.951197	56191.88	56244.9	5.13	56197.01	56196.01953	56163.63395	56162.87891	503580.5	5410428.4
L3580.1	503580.5	5410428.4	41085.69922	275.59	0	48.846816	-86.951197	56193.19	56244.9	5.13	56198.31	56197.24609	56164.95431	56164.16016	503580.5	5410428.4
L3580.1	503580.5	5410430.3	41085.80078	276.72	0	48.846833	-86.951197	56194.54	56244.9	5.12	56199.66	56198.52344	56166.21712	56165.38672	503580.5	5410430.3
L3580.1	503580.5	5410431.5	41085.89844	277.24	0	48.846844	-86.951197	56196.06	56244.9	5.12	56201.18	56199.97656	56167.44111	56166.57422	503580.5	5410431.5
L3580.1	503580.5	5410432.7	41086.00000	276.44	0	48.846855	-86.951197	56197.32	56244.9	5.12	56202.44	56201.17188	56168.55635	56167.65625	503580.5	5410432.7
L3580.1	503580.5	5410433.9	41086.10156	275.93	0	48.846865	-86.951197	56198.72	56244.9	5.12	56203.84	56202.50781	56169.62602	56168.69531	503580.5	5410433.9
L3580.1	503580.5	5410433.9	41086.19922	273.76	0	48.846865	-86.951197	56200.25	56244.9	5.12	56205.37	56203.98047	56170.64726	56169.68359	503580.5	5410433.9
L3580.1	503580.5	5410435.5	41086.30078	274.45	0	48.846880	-86.951197	56201.74	56244.9	5.12	56206.86	56205.41406	56171.59646	56170.60547	503580.5	5410435.5
L3580.1	503580.5	5410437.2	41086.39844	272.45	0	48.846895	-86.951197	56203.16	56244.9	5.12	56208.28	56206.78125	56172.47162	56171.45313	503580.5	5410437.2
L3580.1	503580.5	5410438.6	41086.39844	272.45	0	48.846907	-86.951197	56204.31	56244.9	5.12	56209.43	56207.88281	56173.25297	56172.21094	503580.5	5410438.6
L3580.1	503580.5	5410439.9	41086.60156	271.99	0	48.846919	-86.951198	56205.66	56244.9	5.12	56210.78	56209.18359	56174.00866	56172.94141	503580.5	5410439.9
L3580.1	503580.5	5410439.9	41086.69922	273.05	0	48.846919	-86.951198	56206.42	56244.9	5.12	56211.54	56209.90234	56174.65382	56173.56250	503580.5	5410439.9
L3580.1	503580.4	5410441.3	41086.80078	273.74	0	48.846932	-86.951198	56207.98	56244.9	5.12	56213.10	56211.42188	56175.34960	56174.23828	503580.4	5410441.3
L3580.1	503580.4	5410442.8	41086.89844	271.54	0	48.846945	-86.951198	56209.41	56244.9	5.12	56214.53	56212.81250	56175.99485	56174.86328	503580.4	5410442.8
L3580.1	503580.4	5410442.8	41087.00000	269.62	0	48.846945	-86.951198	56210.67	56244.9	5.12	56215.79	56214.03516	56176.59684	56175.44922	503580.4	5410442.8
L3580.1	503580.4	5410444.6	41087.10156	270.91	0	48.846961	-86.951198	56211.58	56244.9	5.12	56216.69	56214.90234	56177.15417	56175.98828	503580.4	5410444.6
L3580.1	503580.4	5410446.0	41087.19922	270.86	0	48.846974	-86.951199	56212.74	56244.9	5.11	56217.85	56216.03125	56177.71473	56176.53516	503580.4	5410446.0
L3580.1	503580.4	5410447.7	41087.30078	271.60	0	48.846989	-86.951199	56214.07	56244.9	5.11	56219.18	56217.33594	56178.26811	56177.07422	503580.4	5410447.7
L3580.1	503580.4	5410447.7	41087.39844	273.10	0	48.846989	-86.951199	56215.12	56244.9	5.10	56220.22	56218.34766	56178.79588	56177.58984	503580.4	5410447.7
L3580.1	503580.3	5410449.4	41087.50000	271.41	0	48.847005	-86.951199	56216.71	56244.9	5.10	56221.82	56219.92578	56179.31847	56178.10156	503580.3	5410449.4
L3580.1	503580.3	5410449.4	41087.60156	268.93	0	48.847005	-86.951199	56217.86	56244.9	5.10	56222.96	56221.04297	56179.81039	56178.58203	503580.3	5410449.4
L3580.1	503580.3	5410450.8	41087.69922	270.95	0	48.847017	-86.951200	56218.88	56244.9	5.09	56223.97	56222.03516	56180.28065	56179.04297	503580.3	5410450.8
L3580.1	503580.3	5410452.4	41087.80078	271.26	0	48.847032	-86.951200	56219.60	56244.9	5.09	56224.69	56222.73438	56180.73551	56179.49219	503580.3	5410452.4
L3580.1	503580.2	5410453.9	41087.89844	270.78	0	48.847045	-86.951200	56220.69	56244.9	5.08	56225.78	56223.80859	56181.16011	56179.91016	503580.2	5410453.9
L3580.1	503580.2	5410453.9	41088.00000	271.37	0	48.847045	-86.951200	56221.79	56244.9	5.08	56226.87	56224.88672	56181.55323	56180.29688	503580.2	5410453.9
L3580.1	503580.2	5410455.6	41088.10156	270.74	0	48.847061	-86.951201	56222.86	56244.9	5.08	56227.94	56225.94531	56181.91025	56180.64844	503580.2	5410455.6
L3580.1	503580.2	5410457.3	41088.19922	270.63	0	48.847076	-86.951201	56223.47	56244.9	5.08	56228.55	56226.54297	56182.26156	56180.99219	503580.2	5410457.3
L3580.1	503580.2	5410457.3	41088.30078	268.75	0	48.847076	-86.951201	56224.83	56244.9	5.07	56229.91	56227.89453	56185.39232	56184.12109	503580.2	5410457.3
L3580.1	503580.2	5410458.7	41088.39844	265.63	0	48.847088	-86.951201	56225.64	56244.9	5.07	56230.72	56228.69922	56185.61975	56184.34766	503580.2	5410458.7
L3580.1	503580.2	5410460.2	41088.39844	265.63	0	48.847102	-86.951201	56226.91	56244.9	5.07	56231.99	56229.96094	56185.88316	56184.60547	503580.2	5410460.2
L3580.1	503580.2	5410461.3	41088.60156	266.12	0	48.847112	-86.951201	56227.89	56244.9	5.07	56232.96	56230.92578	56186.04738	56184.76953	503580.2	5410461.3
L3580.1	503580.2	5410462.6	41088.69922	265.81	0	48.847124	-86.951201	56228.91	56244.9	5.07	56233.97	56231.93359	56186.18040	56184.90234	503580.2	5410462.6
L3580.1	503580.1	5410464.0	41088.80078	265.89	0	48.847136	-86.951202	56229.77	56244.9	5.06	56234.84	56232.80078	56186.25886	56184.98047	503580.1	5410464.0
L3580.1	503580.1	5410464.9	41088.89844	264.99	0	48.847144	-86.951202	56230.60	56244.9	5.06	56235.66	56233.62109	56186.31833	56185.03906	503580.1	5410464.9
L3580.1	503580.1	5410466.1	41089.00000	264.38	0	48.847155	-86.951202	56231.64	56244.9	5.06	56236.70	56234.66406	56186.38726	56185.10938	503580.1	5410466.1
L3580.1	503580.1	5410466.1	41089.10156	263.23	0	48.847155	-86.951202	56232.53	56244.9	5.06	56237.59	56235.55469	56186.44121	56185.16797	503580.1	5410466.1
L3580.1	503580.2	5410467.9	41089.19922	265.61	0	48.847171	-86.951201	56233.15	56244.9	5.06	56238.21	56236.17578	56186.49699	56185.22266	503580.2	5410467.9
L3580.1	503580.2	5410469.4	41089.30078	265.45	0	48.847184	-86.951201	56234.29	56244.9	5.05	56239.35	56237.32031	56186.62652	56185.35547	503580.2	5410469.4
L3580.1	503580.2	5410469.4	41089.39844	260.81	0	48.847184	-86.951201	56235.04	56244.9	5.05	56240.09	56238.06641	56186.78926	56185.52344	503580.2	5410469.4
L3580.1	503580.2	5410471.2	41089.39844	260.81	0	48.847201	-86.951200	56235.73	56244.9	5.05	56240.78	56238.76172	56187.02929	56185.76563	503580.2	5410471.2
L3580.1	503580.3	5410472.8	41089.60156	256.25	0	48.847215	-86.951200	56236.88	56245	5.05	56241.92	56239.90625	56187.37591	56186.11719	503580.3	5410472.8
L3580.1	503580.3	5410474.2	41089.69922	258.11	0	48.847228	-86.951199	56237.08	56245	5.05	56242.12	56240.11328	56187.81443	56186.55859	503580.3	5410474.2
L3580.1	503580.3	5410474.2	41089.80078	257.21	0	48.847228	-86.951199	56238.20	56245	5.04	56243.24	56241.24219	56188.38915	56187.13672	503580.3	5410474.2

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L3580.1	503580.4	5410475.9	41089.89844	260.63	0	48.847243	-86.951199	56239.18	56245	5.04	56244.22	56242.23047	56189.08918	56187.84375	503580.4	5410475.9
L3580.1	503580.4	5410477.6	41090.00000	260.63	0	48.847258	-86.951198	56240.06	56245	5.04	56245.10	56243.11719	56189.92051	56188.67969	503580.4	5410477.6
L3580.1	503580.4	5410477.6	41090.10156	251.11	0	48.847258	-86.951198	56240.61	56245	5.04	56245.65	56243.67969	56190.88080	56189.64453	503580.4	5410477.6
L3580.1	503580.5	5410479.3	41090.19922	252.89	0	48.847273	-86.951197	56241.46	56245	5.04	56246.50	56244.53906	56191.97466	56190.74219	503580.5	5410479.3
L3580.1	503580.5	5410480.9	41090.30078	253.42	0	48.847288	-86.951196	56241.88	56245	5.04	56246.92	56244.96875	56193.18416	56191.95703	503580.5	5410480.9
L3580.1	503580.6	5410482.4	41090.39844	256.34	0	48.847301	-86.951196	56242.90	56245	5.04	56247.93	56245.99219	56194.52504	56193.30469	503580.6	5410482.4
L3580.1	503580.6	5410482.4	41090.39844	256.34	0	48.847301	-86.951196	56243.66	56245	5.04	56248.70	56246.77344	56195.96910	56194.75391	503580.6	5410482.4
L3580.1	503580.6	5410484.1	41090.60156	261.34	0	48.847317	-86.951195	56244.13	56245	5.03	56249.16	56247.24609	56197.49430	56196.28516	503580.6	5410484.1
L3580.1	503580.6	5410484.1	41090.69922	261.71	0	48.847317	-86.951195	56244.98	56245	5.03	56250.01	56248.10938	56199.12877	56197.92578	503580.6	5410484.1
L3580.1	503580.7	5410487.4	41090.80078	262.39	0	48.847346	-86.951195	56245.75	56245	5.03	56250.79	56248.90234	56200.83474	56199.63672	503580.7	5410487.4
L3580.1	503580.7	5410487.4	41090.89844	265.04	0	48.847346	-86.951195	56246.34	56245	5.03	56251.37	56249.49609	56202.57978	56201.39063	503580.7	5410487.4
L3580.1	503580.7	5410488.9	41091.00000	265.69	0	48.847361	-86.951194	56247.09	56245	5.03	56252.12	56250.25781	56204.38118	56203.19922	503580.7	5410488.9
L3580.1	503580.7	5410490.9	41091.10156	266.41	0	48.847378	-86.951194	56247.51	56245	5.03	56252.53	56250.68359	56206.15148	56204.97656	503580.7	5410490.9
L3580.1	503580.7	5410490.9	41091.19922	269.69	0	48.847378	-86.951194	56248.41	56245	5.02	56253.43	56251.59766	56207.99296	56206.82422	503580.7	5410490.9
L3580.1	503580.7	5410492.6	41091.30078	270.89	0	48.847394	-86.951194	56248.76	56245	5.02	56253.78	56251.96484	56209.71832	56208.55469	503580.7	5410492.6
L3580.1	503580.7	5410494.6	41091.39844	269.57	0	48.847411	-86.951193	56249.66	56245	5.01	56254.68	56252.87891	56209.03491	56207.87891	503580.7	5410494.6
L3580.1	503580.8	5410496.6	41091.50000	269.72	0	48.847429	-86.951193	56250.39	56245	5.01	56255.40	56253.61328	56210.77418	56209.62500	503580.8	5410496.6
L3580.1	503580.8	5410496.6	41091.60156	271.82	0	48.847429	-86.951193	56250.81	56245	5.01	56255.82	56254.05078	56212.44620	56211.30469	503580.8	5410496.6
L3580.1	503580.8	5410497.8	41091.69922	273.53	0	48.847440	-86.951193	56251.47	56245	5.00	56256.47	56254.71875	56214.01915	56212.88281	503580.8	5410497.8
L3580.1	503580.8	5410499.2	41091.80078	274.51	0	48.847453	-86.951192	56251.68	56245	5.00	56256.67	56254.93359	56215.48658	56214.35938	503580.8	5410499.2
L3580.1	503580.8	5410499.2	41091.89844	272.96	0	48.847453	-86.951192	56252.78	56245	4.99	56257.77	56256.05078	56216.86838	56215.74609	503580.8	5410499.2
L3580.1	503580.9	5410500.7	41092.00000	271.21	0	48.847466	-86.951192	56252.89	56245	4.99	56257.88	56256.17578	56218.11543	56217.00391	503580.9	5410500.7
L3580.1	503580.9	5410502.4	41092.10156	272.25	0	48.847482	-86.951191	56253.54	56245	4.99	56258.53	56256.84375	56219.27437	56218.16797	503580.9	5410502.4
L3580.1	503580.9	5410502.4	41092.19922	272.93	0	48.847482	-86.951191	56253.92	56245	4.99	56258.91	56257.24219	56220.32039	56219.22266	503580.9	5410502.4
L3580.1	503581.0	5410504.4	41092.30078	271.49	0	48.847499	-86.951190	56254.40	56245	4.98	56259.39	56257.73828	56221.28211	56220.19141	503581.0	5410504.4
L3580.1	503581.0	5410505.3	41092.39844	272.53	0	48.847507	-86.951190	56255.04	56245	4.98	56260.02	56258.38672	56222.17773	56221.09375	503581.0	5410505.3
L3580.1	503581.0	5410506.9	41092.39844	272.53	0	48.847522	-86.951189	56255.55	56245	4.98	56260.53	56258.91406	56223.00153	56221.92578	503581.0	5410506.9
L3580.1	503581.0	5410506.9	41092.60156	277.21	0	48.847522	-86.951189	56255.99	56245	4.98	56260.97	56259.37500	56223.77096	56222.70313	503581.0	5410506.9
L3580.1	503581.0	5410508.4	41092.69922	274.71	0	48.847536	-86.951189	56256.49	56245	4.98	56261.46	56259.88281	56224.51134	56223.45313	503581.0	5410508.4
L3580.1	503581.0	5410508.4	41092.80078	273.41	0	48.847536	-86.951189	56257.32	56245	4.97	56262.30	56260.73828	56225.26101	56224.21094	503581.0	5410508.4
L3580.1	503581.0	5410510.3	41092.89844	273.26	0	48.847553	-86.951189	56257.82	56245	4.97	56262.80	56261.25781	56225.96687	56224.92188	503581.0	5410510.3
L3580.1	503581.0	5410511.8	41093.00000	272.96	0	48.847566	-86.951189	56258.16	56245	4.97	56263.13	56261.60547	56226.65169	56225.61719	503581.0	5410511.8
L3580.1	503581.0	5410513.3	41093.10156	272.03	0	48.847579	-86.951189	56258.70	56245	4.97	56263.67	56262.16406	56227.35237	56226.32422	503581.0	5410513.3
L3580.1	503581.1	5410514.6	41093.19922	272.86	0	48.847591	-86.951189	56259.15	56245	4.97	56264.12	56262.63672	56228.03776	56227.01953	503581.1	5410514.6
L3580.1	503581.1	5410514.6	41093.30078	270.76	0	48.847591	-86.951189	56259.64	56245	4.97	56264.61	56263.14453	56228.71871	56227.71094	503581.1	5410514.6
L3580.1	503581.1	5410516.4	41093.39844	270.21	0	48.847608	-86.951189	56260.38	56245	4.97	56265.35	56263.90234	56229.41597	56228.41406	503581.1	5410516.4
L3580.1	503581.1	5410518.0	41093.50000	269.81	0	48.847622	-86.951189	56260.50	56245	4.97	56265.47	56264.04297	56230.03034	56229.03906	503581.1	5410518.0
L3580.1	503581.1	5410518.0	41093.60156	270.72	0	48.847622	-86.951189	56261.07	56245	4.97	56266.04	56264.63281	56230.67754	56229.69531	503581.1	5410518.0
L3580.1	503581.1	5410519.7	41093.69922	271.84	0	48.847637	-86.951188	56261.32	56245	4.97	56266.29	56264.89844	56231.26863	56230.29688	503581.1	5410519.7
L3580.1	503581.1	5410521.2	41093.80078	273.14	0	48.847651	-86.951188	56262.04	56245	4.97	56267.01	56265.64063	56231.89131	56230.92578	503581.1	5410521.2
L3580.1	503581.1	5410522.7	41093.89844	272.74	0	48.847664	-86.951188	56262.16	56245	4.97	56267.13	56265.77734	56232.41604	56231.46094	503581.1	5410522.7
L3580.1	503581.2	5410523.9	41094.00000	274.36	0	48.847675	-86.951187	56262.52	56245	4.97	56267.49	56266.15625	56232.93816	56231.99219	503581.2	5410523.9
L3580.1	503581.2	5410523.9	41094.10156	273.20	0	48.847675	-86.951187	56262.73	56245	4.97	56267.70	56266.38672	56233.40780	56232.47266	503581.2	5410523.9
L3580.1	503581.2	5410525.8	41094.19922	274.17	0	48.847692	-86.951187	56263.18	56245	4.97	56268.15	56266.85547	56233.86654	56232.94141	503581.2	5410525.8
L3580.1	503581.2	5410527.6	41094.30078	275.37	0	48.847708	-86.951186	56263.90	56245	4.97	56268.87	56267.59766	56234.31490	56233.39844	503581.2	5410527.6
L3580.1	503581.2	5410527.6	41094.39844	275.16	0	48.847708	-86.951186	56264.20	56245	4.97	56269.17	56267.91406	56234.67462	56233.76953	503581.2	5410527.6
L3580.1	503581.3	5410529.1	41094.39844	275.16	0	48.847722	-86.951186	56264.57	56245	4.97	56269.54	56268.30469	56235.00528	56234.10938	503581.3	5410529.1
L3580.1	503581.3	5410530.9	41094.60156	277.75	0	48.847738	-86.951185	56264.66	56245	4.97	56269.63	56268.41406	56235.27356	56234.38672	503581.3	5410530.9
L3580.1	503581.3	5410532.7	41094.69922	276.06	0	48.847754	-86.951185	56265.20	56245	4.97	56270.17	56268.97266	56235.55620	56234.67969	503581.3	5410532.7
L3580.1	503581.3	5410532.7	41094.80078	275.33	0	48.847754	-86.951185	56265.84	56245	4.97	56270.81	56269.63281	56235.81909	56234.95313	503581.3	5410532.7
L3580.1	503581.3	5410534.5	41094.89844	271.59	0	48.847770	-86.951185	56266.32	56245	4.97	56271.29	56270.13281	56236.04404	56235.18750	503581.3	5410534.5
L3580.1	503581.3	5410536.0	41095.00000	268.62	0	48.847783	-86.951185	56266.46	56245	4.97	56271.43	56270.28906	56236.22614	56235.38281	503581.3	5410536.0
L3580.1	503581.3	5410536.0	41095.10156	270.34	0	48.847783	-86.951185	56266.52	56245	4.97	56271.49	56270.37109	56236.39501	56235.55859	503581.3	5410536.0
L3580.1	503581.3	5410537.9	41095.19922	272.32	0	48.847801	-86.951185	56266.75	56245	4.97	56271.73	56270.62891	56236.57308	56235.75000	503581.3	5410537.9
L3580.1	503581.4	5410539.7	41095.30078	272.06	0	48.847817	-86.951184	56267.50	56245	4.97	56272.47	56271.38672	56236.77894	56235.96484	503581.4	5410539.7
L3580.1	503581.4	5410539.7	41095.39844	270.67	0	48.847817	-86.951184	56267.75	56245	4.97	56272.72	56271.65625	56236.96407	56236.16016	503581.4	5410539.7
L3580.1	503581.4	5410541.1	41095.50000	271.23	0	48.847830	-86.951184	56268.09	56245	4.98	56273.06	56272.01563	56237.16576	56236.37500	503581.4	5410541.1
L3580.1	503581.4	5410542.6	41095.60156	271.25	0	48.847843	-86.951184	56268.42	56245	4.98	56273.39	56272.36328	56237.38537	56236.60547	503581.4	5410542.6
L3580.1	503581.4	5410542.6	41095.69922	269.09	0	48.847843	-86.951184	56268.85	56245	4.98	56273.83	56272.82031	56237.63090	56236.85938	503581.4	5410542.6
L3580.1	503581.4	5410544.2	41095.80078	267.54	0	48.847857	-86.951184	56269.21	56245	4.98	56274.19	56273.19922	56237.90115	56237.14063	503581.4	5410544.2
L3580.1	503581.5	5410546.0	41095.89844	267.38	0	48.847874	-86.951183	56269.68	56245	4.98	56274.66	56273.68750	56238.20326	56237.45313	503581.5	5410546.0
L3580.1	503581.5	5410546.0	41096.00000	267.93	0	48.847874	-86.951183	56270.27	56245	4.98	56275.25	56274.29688	56238.53990	56237.80078	503581.5	5410546.0
L3580.1	503581.5	5410547.7	41096.10156	267.38	0	48.847889	-86.951183	56270.11	56245	4.98	56275.08	56274.14453	56238.89854	56238.17188	503581.5	5410547.7
L3580.1	503581.6	5410549.2	41096.19922	268.84	0	48.847903	-86.951182	56270.91	56245	4.98	56275.89	56274.97266	56239.29250	56238.57422	503581.6	5410549.2
L3580.1	503581.6	5410551.0	41096.30078	269.72	0	48.847918	-86.951181	56270.69	56245	4.97	56275.67	56274.76953	56239.70353	56239.00000	503581.6	5410551.0
L3580.1	503581.6	5410551.0	41096.39844	271.64	0	48.847918	-86.951181	56271.53	56245	4.97	56276.50	56275.61719	56240.14645	56239.45313	503581.6	5410551.0
L3580.1	503581.7	5410553.0	41096.39844	271.64	0	48.847937	-86.951180	56271.53	56245	4.97	56276.50	56275.63281	56240.60118	56239.91797	503581.7	5410553.0
L3580.1	503581.7	5410554.5	41096.60156	272.06	0	48.847950	-86.951179	56271.94	56245	4.97	56276.91	56276.06250	56241.06870	56240.39844	503581.7	5410554.5
L3580.1	503581.8	5410555.6	41096.69922	271.49	0	48.847960	-86.951178	56271.98	56245	4.97	56276.95	56276.11719	56241.53379	56240.87109	503581.8	5410555.6
L3580.1	503581.8	5410555.6	41096.80078	270.82	0	48.847960	-86.951178	56272.28	56245	4.96	56277.24	56276.42578	56241.99590	56241.34766	503581.8	5410555.6
L3580.1	503581.9	5410557.4	41096.89844	270.77	0	48.847976	-86.951177	56272.50	56245	4.96	56277.46	56276.66016	56242.44533	56241.80859	503581.9	5410557.4
L3580.1	503581.9	5410558.6	41097.00000	272.25	0	48.847987	-86.951177	56272.78	56245	4.96	56277.74	56276.95703	56242.87356	56242.24609	503581.9	5410558.6
L3580.1	503582.0	5410560.4	41097.10156	272.72	0	48.848004	-86.951175	56273.18	56245	4.96	56278.15	56277.38281	56243.26948	56242.65234	503582.0	5410560.4
L3580.1	503582.1	5410562.2	41097.19922	271.83	0	48.848019	-86.951174	56273.50	56245	4.97	56278.46	56277.71094	56243.61642	56243.01172	503582.1	5410562.2
L3580.1	503582.1	5410562.2	41097.30078	271.77	0	48.848019	-86.951174	56273.88	56245	4.97	56278.85	56278.11719	56243.90789	56243.31250	503582.1	5410562.2
L3580.1	503582.1	5410563.9	41097.39844	271.67	0	48.848035	-86.951173	56274.02	56245	4.98	56279.00	56278.28125	56244.13423	56243.55078	503582.1	5410563.9
L3580.1	503582.1	5410563.9	41097.50000	272.13	0	48.848035	-86.951173	56274.41	56245	4.98	56279.39	56278.68750	56244.29453	56243.72266	503582.1	5410563.9
L3580.1	503582.2	5410565.6	41097.60156	273.42	0	48.848050	-86.951172	56274.59	56245	4.98	56279.58	56278.89063	56244.38258	56243.82031	503582.2	5410565.6
L3580.1	503582.3	5410567.4	41097.69922	273.36	0	48.848066	-86.951172	56274.78	56245	4.99	56279.76	56279.08594	56244.39874	56243.84766	503582.3	5410567.4
L3580.1	503582.3	5410568.2	41097.80078	274.12	0	48.848074	-86.951171	56275.28	56245	4.99	56280.27	56279.61328	56244.33296	56243.79297	503582.3	5410568.2
L3580.1	503582.3	5410568.2	41097.89844	272.46	0	48.848074	-86.951171	56275.20	56245	5.00	56280.20	56279.55469	56244.21502	56243.68750	503582.3	5410568.2
L3580.1	503582.4	5410569.8	41098.00000	269.55	0	48.848088	-86.951170	56275.80	56245	5.00	56280.80	56280.17188	56243.99307	56243.47656	503582.4	5410569.8
L3580.1	503582.4	5410571.3	41098.10156	269.99	0	48.848101	-86.951170	56275.84	56245	5.00	56280.84	56280.22656	56243.73581	56243.23047	503582.4	5410571.3
L3580.1	503582.4	5410571.3	41098.19922	268.78	0	48.848101	-86.951170	56276.51	56245	5.00	56281.51	56280.91016	56245.09473	56244.60156	503582.4	5410571.3
L3580.1	503582.5	5410573.0	41098.30078	270.80	0	48.848116	-86.951169	56275.97	56245	5.00	56280.97	56280.38281	56244.60188	56244.11719	503582.5	5410573.0
L3580.1	503582.5	5410574.5	41098.39844	271.61	0	48.848130	-86.951169	56276.61	56245	5.00	56281.60	56281.02734	56244.28492	56243.81250	503582.5	5410574.5
L3580.1	503582.5	5410574.5	41098.39844	271.61	0	48.848130	-86.951169	56276.64	56245	5.00	56281.64	56281.07813	56243.84912	56243.38672	503582.5	5410574.5
L3580.1	503582.5	5410576.2	41098.60156	269.98	0	48.848146	-86.951169	56276.66	56245	4.99	56281.65	56281.10156	56243.40410	56242.95313	503582.5	5410576.2
L3580.1	503582.5	5410577.9	41098.69922	265.70	0	48.848160	-86.951168	56276.74	56245	4.99	56281.73	56281.19531	56242.97072	56242.53125	503582.5	5410577.9
L3580.1	503582.5	5410579.7	41098.80078	263.09	0	48.848177	-86.951168	56276.96	56245	4.99	56281.96	56281.43750	56242.56621	56242.13672	503582.5	5410579.7
L3580.1	503582.5	5410579.7	41098.89844	259.28	0	48.848177	-86.951168	56277.45	56245	4.99	56282.44	56281.92969	56242.20119	56241.78125	503582.5	5410579.7
L3580.1	503582.5	5410580.7	41099.00000	255.52	0	48.848186	-86.951168	56277.30	56245	4.99	56282.29	56281.79297	56241.82758	56241.41797	503582.5	5410580.7
L3580.1	503582.5	5410582.2	41099.10156	254.20	0	48.848200	-86.951168	56277.81	56245	4.99	56282.80	56282.31641	56241.53060	56241.13281	503582.5	5410582.2

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L3580.1	503582.5	5410583.9	41099.19922	255.85	0	48.848214	-86.951168	56277.84	56245	5.00	56282.83	56282.35547	56241.26520	56240.87891	503582.5	5410583.9
L3580.1	503582.5	5410583.9	41099.30078	258.10	0	48.848214	-86.951168	56278.16	56245	5.00	56283.16	56282.69922	56241.06857	56240.69141	503582.5	5410583.9
L3580.1	503582.5	5410585.6	41099.39844	258.20	0	48.848230	-86.951168	56278.27	56245	5.00	56283.28	56282.82813	56240.94074	56240.57422	503582.5	5410585.6
L3580.1	503582.5	5410586.8	41099.50000	257.10	0	48.848241	-86.951168	56278.46	56245	5.00	56283.47	56283.03125	56240.89088	56240.53516	503582.5	5410586.8
L3580.1	503582.5	5410586.8	41099.60156	255.57	0	48.848241	-86.951168	56278.56	56245	5.01	56283.56	56283.13281	56240.92115	56240.57422	503582.5	5410586.8
L3580.1	503582.5	5410588.1	41099.69922	257.71	0	48.848252	-86.951168	56278.75	56245	5.01	56283.76	56283.34375	56241.02652	56240.68750	503582.5	5410588.1
L3580.1	503582.6	5410589.5	41099.80078	258.89	0	48.848265	-86.951168	56279.09	56245	5.01	56284.10	56283.69531	56241.20344	56240.87500	503582.6	5410589.5
L3580.1	503582.6	5410591.0	41099.89844	256.91	0	48.848278	-86.951167	56279.44	56245	5.02	56284.46	56284.06250	56241.45469	56241.13672	503582.6	5410591.0
L3580.1	503582.6	5410592.2	41100.00000	253.99	0	48.848289	-86.951167	56279.56	56245	5.02	56284.58	56284.19531	56241.78585	56241.47656	503582.6	5410592.2
L3580.1	503582.6	5410593.7	41100.10156	254.38	0	48.848302	-86.951167	56279.68	56245	5.02	56284.70	56284.32422	56242.18299	56241.88281	503582.6	5410593.7
L3580.1	503582.6	5410593.7	41100.19922	254.75	0	48.848302	-86.951167	56280.08	56245	5.02	56285.10	56284.73438	56242.62863	56242.33984	503582.6	5410593.7
L3580.1	503582.6	5410595.4	41100.30078	257.65	0	48.848318	-86.951167	56280.00	56245	5.02	56285.02	56284.66406	56243.14203	56242.86328	503582.6	5410595.4
L3580.1	503582.6	5410595.4	41100.39844	258.24	0	48.848318	-86.951167	56280.59	56245	5.02	56285.60	56285.25391	56243.68210	56243.41016	503582.6	5410595.4
L3580.1	503582.6	5410597.3	41100.39844	258.24	0	48.848335	-86.951167	56280.41	56245	5.02	56285.43	56285.08984	56244.27883	56244.01563	503582.6	5410597.3
L3580.1	503582.6	5410599.1	41100.60156	260.83	0	48.848352	-86.951167	56280.49	56245	5.01	56285.51	56285.17969	56244.89862	56244.64453	503582.6	5410599.1
L3580.1	503582.5	5410600.5	41100.69922	262.56	0	48.848364	-86.951168	56280.38	56245	5.01	56285.40	56285.07813	56245.54564	56245.30078	503582.5	5410600.5
L3580.1	503582.5	5410600.5	41100.80078	261.73	0	48.848364	-86.951168	56280.34	56245	5.01	56285.35	56285.03906	56246.21098	56245.97656	503582.5	5410600.5
L3580.1	503582.5	5410602.3	41100.89844	260.49	0	48.848380	-86.951168	56280.89	56245	5.01	56285.91	56285.60547	56246.89748	56246.67188	503582.5	5410602.3
L3580.1	503582.5	5410604.1	41101.00000	262.71	0	48.848397	-86.951168	56280.89	56245	5.01	56285.90	56285.60547	56247.59469	56247.37891	503582.5	5410604.1
L3580.1	503582.5	5410605.9	41101.10156	260.95	0	48.848413	-86.951168	56281.16	56245	5.01	56286.17	56285.88281	56248.31313	56248.10547	503582.5	5410605.9
L3580.1	503582.5	5410605.9	41101.19922	258.95	0	48.848413	-86.951168	56281.18	56245	5.01	56286.19	56285.91016	56249.04030	56248.83984	503582.5	5410605.9
L3580.1	503582.5	5410607.4	41101.30078	259.42	0	48.848426	-86.951169	56281.41	56245	5.01	56286.42	56286.14844	56249.79319	56249.60156	503582.5	5410607.4
L3580.1	503582.5	5410609.0	41101.39844	256.76	0	48.848441	-86.951169	56281.71	56245	5.01	56286.72	56286.45703	56250.56730	56250.38281	503582.5	5410609.0
L3580.1	503582.5	5410609.0	41101.50000	256.84	0	48.848441	-86.951169	56282.02	56245	5.01	56287.03	56286.77344	56251.35794	56251.18359	503582.5	5410609.0
L3580.1	503582.5	5410610.9	41101.60156	257.84	0	48.848457	-86.951169	56281.94	56245	5.02	56286.96	56286.71094	56252.12549	56251.95703	503582.5	5410610.9
L3580.1	503582.4	5410612.7	41101.69922	255.66	0	48.848474	-86.951169	56281.91	56245	5.02	56286.93	56286.68750	56252.89467	56252.73438	503582.4	5410612.7
L3580.1	503582.4	5410613.9	41101.80078	253.60	0	48.848484	-86.951169	56282.22	56245	5.02	56287.24	56287.00391	56253.70375	56253.55078	503582.4	5410613.9
L3580.1	503582.4	5410613.9	41101.89844	254.10	0	48.848484	-86.951169	56282.50	56245	5.02	56287.52	56287.28906	56254.51485	56254.37109	503582.4	5410613.9
L3580.1	503582.4	5410615.4	41102.00000	255.24	0	48.848498	-86.951169	56282.66	56245	5.02	56287.68	56287.45703	56255.30975	56255.17188	503582.4	5410615.4
L3580.1	503582.4	5410616.9	41102.10156	272.26	0	48.848511	-86.951170	56282.55	56245	5.02	56287.57	56287.35156	56256.05626	56255.92578	503582.4	5410616.9
L3580.1	503582.4	5410618.3	41102.19922	274.99	0	48.848524	-86.951170	56282.89	56245	5.02	56287.91	56287.69922	56256.86003	56256.73828	503582.4	5410618.3
L3580.1	503582.4	5410618.3	41102.30078	274.10	0	48.848524	-86.951170	56282.91	56245	5.03	56287.94	56287.73438	56257.59541	56257.48047	503582.4	5410618.3
L3580.1	503582.3	5410620.3	41102.39844	274.64	0	48.848542	-86.951170	56283.20	56245	5.03	56288.23	56288.03125	56258.36003	56258.25000	503582.3	5410620.3
L3580.1	503582.3	5410622.1	41102.39844	274.64	0	48.848558	-86.951171	56283.40	56245	5.03	56288.43	56288.23438	56257.97625	56257.87500	503582.3	5410622.1
L3580.1	503582.3	5410622.1	41102.60156	273.28	0	48.848558	-86.951171	56283.63	56245	5.03	56288.66	56288.47266	56258.67724	56258.58203	503582.3	5410622.1
L3580.1	503582.3	5410623.3	41102.69922	272.02	0	48.848569	-86.951171	56283.90	56245	5.03	56288.94	56288.75781	56259.33967	56259.25000	503582.3	5410623.3
L3580.1	503582.3	5410624.9	41102.80078	271.67	0	48.848583	-86.951172	56283.73	56245	5.04	56288.77	56288.59375	56259.98113	56259.89844	503582.3	5410624.9
L3580.1	503582.3	5410624.9	41102.89844	269.87	0	48.848583	-86.951172	56284.08	56245	5.04	56289.12	56288.94531	56260.55550	56260.47656	503582.3	5410624.9
L3580.1	503582.2	5410626.6	41103.00000	271.03	0	48.848599	-86.951172	56283.86	56245	5.04	56288.90	56288.73047	56261.09629	56261.02344	503582.2	5410626.6
L3580.1	503582.2	5410628.4	41103.10156	271.83	0	48.848615	-86.951173	56284.17	56245	5.04	56289.21	56289.04688	56261.57727	56261.51172	503582.2	5410628.4
L3580.1	503582.1	5410629.7	41103.19922	273.04	0	48.848627	-86.951173	56284.36	56245	5.04	56289.41	56289.25000	56262.01640	56261.95703	503582.1	5410629.7
L3580.1	503582.1	5410629.7	41103.30078	272.73	0	48.848627	-86.951173	56284.57	56245	5.05	56289.62	56289.46484	56262.41550	56262.36328	503582.1	5410629.7
L3580.1	503582.1	5410631.2	41103.39844	271.68	0	48.848640	-86.951173	56284.62	56245	5.05	56289.67	56289.51953	56262.77755	56262.73047	503582.1	5410631.2
L3580.1	503582.1	5410633.0	41103.50000	272.60	0	48.848657	-86.951174	56284.81	56245	5.05	56289.85	56289.70313	56263.10790	56263.06641	503582.1	5410633.0
L3580.1	503582.1	5410633.0	41103.60156	273.05	0	48.848657	-86.951174	56284.83	56244.9	5.05	56289.88	56289.73828	56263.40981	56263.37109	503582.1	5410633.0
L3580.1	503582.0	5410635.0	41103.69922	270.95	0	48.848675	-86.951174	56284.74	56244.9	5.05	56289.80	56289.66406	56263.69099	56263.66016	503582.0	5410635.0
L3580.1	503582.0	5410636.8	41103.80078	269.65	0	48.848690	-86.951174	56285.04	56244.9	5.06	56290.09	56289.95703	56263.96415	56263.93750	503582.0	5410636.8
L3580.1	503582.0	5410636.8	41103.89844	269.52	0	48.848690	-86.951174	56285.11	56244.9	5.06	56290.17	56290.03906	56264.22800	56264.20703	503582.0	5410636.8
L3580.1	503582.0	5410638.5	41104.00000	268.91	0	48.848706	-86.951175	56285.41	56244.9	5.06	56290.47	56290.34375	56264.49716	56264.48047	503582.0	5410638.5
L3580.1	503582.0	5410640.2	41104.10156	268.11	0	48.848721	-86.951175	56285.04	56244.9	5.06	56290.10	56289.97656	56264.76766	56264.75391	503582.0	5410640.2
L3580.1	503582.0	5410642.0	41104.19922	268.08	0	48.848737	-86.951175	56285.39	56244.9	5.06	56290.45	56290.33203	56265.06743	56265.05859	503582.0	5410642.0
L3580.1	503582.0	5410643.4	41104.30078	269.50	0	48.848750	-86.951175	56285.70	56244.9	5.06	56290.76	56290.64453	56265.38708	56265.38281	503582.0	5410643.4
L3580.1	503582.0	5410643.4	41104.39844	268.75	0	48.848750	-86.951175	56285.95	56244.9	5.06	56291.01	56290.89844	56265.72536	56265.72656	503582.0	5410643.4
L3580.1	503582.0	5410645.4	41104.39844	268.75	0	48.848768	-86.951175	56286.23	56244.9	5.06	56291.29	56291.17969	56266.08148	56266.08594	503582.0	5410645.4
L3580.1	503582.0	5410647.3	41104.60156	269.98	0	48.848785	-86.951175	56286.23	56244.9	5.07	56291.29	56291.18359	56266.44173	56266.44922	503582.0	5410647.3
L3580.1	503582.0	5410648.5	41104.69922	269.87	0	48.848795	-86.951175	56286.54	56244.9	5.07	56291.61	56291.50781	56266.82342	56266.83594	503582.0	5410648.5
L3580.1	503582.0	5410648.5	41104.80078	270.88	0	48.848795	-86.951175	56286.66	56244.9	5.07	56291.73	56291.62891	56267.20627	56267.22266	503582.0	5410648.5
L3580.1	503582.0	5410650.2	41104.89844	271.25	0	48.848811	-86.951174	56286.79	56244.9	5.07	56291.85	56291.75391	56267.59206	56267.60938	503582.0	5410650.2
L3580.1	503582.0	5410651.7	41105.00000	273.93	0	48.848824	-86.951174	56287.08	56244.9	5.07	56292.15	56292.05469	56267.98688	56268.00781	503582.0	5410651.7
L3580.1	503582.1	5410653.6	41105.10156	275.75	0	48.848841	-86.951174	56287.14	56244.9	5.07	56292.21	56292.11719	56268.36184	56268.38672	503582.1	5410653.6
L3580.1	503582.1	5410653.6	41105.19922	275.85	0	48.848841	-86.951174	56287.51	56244.9	5.07	56292.58	56292.49219	56268.74567	56268.77344	503582.1	5410653.6
L3580.1	503582.1	5410655.6	41105.30078	276.24	0	48.848860	-86.951174	56287.73	56244.9	5.07	56292.80	56292.71484	56269.10415	56269.13672	503582.1	5410655.6
L3580.1	503582.1	5410656.9	41105.39844	274.09	0	48.848872	-86.951173	56287.86	56244.9	5.07	56292.93	56292.84766	56269.43733	56269.47266	503582.1	5410656.9
L3580.1	503582.1	5410656.9	41105.50000	274.81	0	48.848872	-86.951173	56287.84	56244.9	5.07	56292.90	56292.81641	56269.73264	56269.76953	503582.1	5410656.9
L3580.1	503582.1	5410658.1	41105.60156	274.09	0	48.848882	-86.951173	56287.61	56244.9	5.06	56292.67	56292.58984	56269.98021	56270.02344	503582.1	5410658.1
L3580.1	503582.1	5410659.8	41105.69922	273.44	0	48.848897	-86.951173	56287.86	56244.9	5.06	56292.93	56292.85156	56270.23716	56270.28125	503582.1	5410659.8
L3580.1	503582.1	5410661.2	41105.80078	270.10	0	48.848910	-86.951173	56288.17	56244.9	5.06	56293.23	56293.15625	56270.46326	56270.51172	503582.1	5410661.2
L3580.1	503582.1	5410661.2	41105.89844	270.31	0	48.848910	-86.951173	56288.09	56244.9	5.06	56293.15	56293.07813	56270.62022	56270.67188	503582.1	5410661.2
L3580.1	503582.1	5410662.4	41106.00000	272.75	0	48.848921	-86.951173	56288.56	56244.9	5.06	56293.61	56293.53906	56270.78689	56270.83984	503582.1	5410662.4
L3580.1	503582.1	5410662.4	41106.10156	273.52	0	48.848921	-86.951173	56288.42	56244.9	5.06	56293.48	56293.41016	56270.86597	56270.92188	503582.1	5410662.4
L3580.1	503582.1	5410664.3	41106.19922	273.55	0	48.848938	-86.951173	56288.53	56244.9	5.07	56293.59	56293.52344	56270.93266	56270.99219	503582.1	5410664.3
L3580.1	503582.1	5410665.9	41106.30078	272.92	0	48.848952	-86.951173	56288.70	56244.9	5.07	56293.77	56293.70703	56270.97542	56271.03516	503582.1	5410665.9
L3580.1	503582.1	5410667.3	41106.39844	270.41	0	48.848965	-86.951173	56288.58	56244.9	5.07	56293.65	56293.58984	56270.97496	56271.03906	503582.1	5410667.3
L3580.1	503582.1	5410667.3	41106.39844	270.41	0	48.848965	-86.951173	56289.12	56244.9	5.07	56294.19	56294.12891	56270.99403	56271.05859	503582.1	5410667.3
L3580.1	503582.1	5410668.7	41106.60156	272.40	0	48.848977	-86.951173	56288.50	56244.9	5.08	56293.58	56293.52344	56270.94052	56271.00781	503582.1	5410668.7
L3580.1	503582.1	5410670.1	41106.69922	271.05	0	48.848990	-86.951173	56289.21	56244.9	5.08	56294.30	56294.24219	56270.93680	56271.00781	503582.1	5410670.1
L3580.1	503582.1	5410671.8	41106.80078	271.72	0	48.849005	-86.951173	56288.81	56244.9	5.08	56293.89	56293.83594	56270.88846	56270.96094	503582.1	5410671.8
L3580.1	503582.1	5410671.8	41106.89844	272.58	0	48.849005	-86.951173	56288.91	56244.9	5.09	56293.99	56293.93750	56270.85774	56270.92969	503582.1	5410671.8
L3580.1	503582.1	5410674.5	41107.00000	272.43	0	48.849030	-86.951173	56289.29	56244.9	5.09	56294.38	56294.32813	56270.83005	56270.90625	503582.1	5410674.5
L3580.1	503582.1	5410674.5	41107.10156	270.59	0	48.849030	-86.951173	56288.88	56244.9	5.08	56293.97	56293.92188	56270.80329	56270.88281	503582.1	5410674.5
L3580.1	503582.1	5410675.9	41107.19922	268.89	0	48.849043	-86.951173	56289.45	56244.9	5.08	56294.53	56294.48438	56270.77651	56270.85547	503582.1	5410675.9
L3580.1	503582.1	5410677.8	41107.30078	268.89	0	48.849060	-86.951173	56288.96	56244.9	5.07	56294.03	56293.98438	56270.76069	56270.84375	503582.1	5410677.8
L3580.1	503582.1	5410677.8	41107.39844	268.61	0	48.849060	-86.951173	56289.16	56244.9	5.07	56294.23	56294.18750	56270.72385	56270.80859	503582.1	5410677.8
L3580.1	503582.1	5410679.6	41107.50000	267.42	0	48.849075	-86.951173	56289.19	56244.9	5.07	56294.25	56294.21094	56270.67507	56270.76172	503582.1	5410679.6
L3580.1	503582.1	5410679.6	41107.60156	268.46	0	48.849075	-86.951173	56289.46	56244.9	5.06	56294.52	56294.48047	56270.58906	56270.67578	503582.1	5410679.6
L3580.1	503582.1	5410681.2	41107.69922	268.78	0	48.849090	-86.951173	56289.26	56244.9	5.06	56294.32	56294.28125	56270.49523	56270.58594	503582.1	5410681.2
L3580.1	503582.1	5410682.6	41107.80078	267.92	0	48.849103	-86.951173	56289.40	56244.9	5.05	56294.45	56294.41406	56270.34933	56270.44141	503582.1	5410682.6
L3580.1	503582.1	5410684.1	41107.89844	266.25	0	48.849116	-86.951173	56289.34	56245	5.04	56294.38	56294.34766	56271.07750	56271.17188	503582.1	5410684.1
L3580.1	503582.1	5410686.4	41108.00000	267.36	0	48.849137	-86.951174	56289.65	56245	5.04	56294.69	56294.66016	56270.94126	56271.03906	503582.1	5410686.4
L3580.1	503582.1	5410686.4	41108.10156	269.23	0	48.849137	-86.951174	56289.66	56245	5.04	56294.69	56294.66016	56270.72477	56270.82422	503582.1	5410686.4
L3580.1	503582.0	5410687.8	41108.19922	268.28	0	48.849150	-86.951174	56289.39	56245	5.04	56294.43	56294.40234	56270.45399	56270.55469	503582.0	5410687.8
L3580.1	503582.0	5410689.5	41108.30078	267.73	0	48.849165	-86.951174	56289.57	56245	5.03	56294.60	56294.57422	56270.24220	56270.34375	503582.0	5410689.5
L3580.1	503582.0	5410689.5	41108.39844	266.73	0	48.849165	-86.951174	56289.49	56245	5.03	56294.52	56294.49609	56269.99379	56270.09766	503582.0	5410689.5

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L3580.1	503582.0	5410691.0	41108.39844	266.73	0	48.849178	-86.951174	56289.76	56245	5.03	56294.79	56294.76953	56269.78837	56269.89453	503582.0	5410691.0
L3580.1	503582.0	5410691.0	41108.60156	267.11	0	48.849178	-86.951174	56289.57	56245	5.03	56294.60	56294.58203	56269.53991	56269.64844	503582.0	5410691.0
L3580.1	503582.0	5410694.4	41108.69922	266.45	0	48.849208	-86.951174	56289.98	56245	5.03	56295.01	56294.99609	56269.35664	56269.46875	503582.0	5410694.4
L3580.1	503582.0	5410694.4	41108.80078	263.66	0	48.849208	-86.951174	56290.13	56245	5.02	56295.16	56295.14844	56269.16098	56269.27344	503582.0	5410694.4
L3580.1	503582.0	5410696.1	41108.89844	257.93	0	48.849224	-86.951174	56290.19	56245	5.02	56295.21	56295.19922	56268.97622	56269.09375	503582.0	5410696.1
L3580.1	503582.0	5410697.5	41109.00000	258.07	0	48.849237	-86.951174	56290.00	56245	5.02	56295.02	56295.01172	56268.80539	56268.92578	503582.0	5410697.5
L3580.1	503582.0	5410697.5	41109.10156	256.78	0	48.849237	-86.951174	56290.09	56245	5.02	56295.11	56295.10547	56268.67320	56268.79688	503582.0	5410697.5
L3580.1	503582.0	5410699.4	41109.19922	256.76	0	48.849253	-86.951174	56289.85	56245	5.02	56294.87	56294.86719	56268.56442	56268.69141	503582.0	5410699.4
L3580.1	503582.0	5410700.5	41109.30078	253.33	0	48.849264	-86.951174	56289.93	56245	5.02	56294.94	56294.94141	56268.49282	56268.62109	503582.0	5410700.5
L3580.1	503582.0	5410702.2	41109.39844	253.69	0	48.849279	-86.951174	56289.96	56245	5.02	56294.97	56294.97266	56268.45423	56268.58594	503582.0	5410702.2
L3580.1	503582.0	5410702.2	41109.50000	257.11	0	48.849279	-86.951174	56290.13	56245	5.01	56295.15	56295.15625	56268.44905	56268.58203	503582.0	5410702.2
L3580.1	503582.1	5410703.7	41109.60156	257.30	0	48.849292	-86.951173	56290.12	56245	5.01	56295.13	56295.14063	56268.48407	56268.62109	503582.1	5410703.7
L3580.1	503582.1	5410705.2	41109.69922	258.51	0	48.849306	-86.951173	56290.13	56245	5.01	56295.15	56295.16406	56268.55809	56268.69922	503582.1	5410705.2
L3580.1	503582.1	5410705.2	41109.80078	258.48	0	48.849306	-86.951173	56289.93	56245	5.01	56294.95	56294.96875	56268.67963	56268.82422	503582.1	5410705.2
L3580.1	503582.1	5410706.9	41109.89844	259.94	0	48.849321	-86.951173	56289.90	56245	5.01	56294.91	56294.93359	56268.83852	56268.98828	503582.1	5410706.9
L3580.1	503582.1	5410708.4	41110.00000	261.31	0	48.849335	-86.951172	56289.98	56245	5.01	56294.99	56295.01563	56269.03390	56269.18750	503582.1	5410708.4
L3580.1	503582.2	5410710.0	41110.10156	261.31	0	48.849349	-86.951172	56289.90	56245	5.01	56294.91	56294.94141	56269.27353	56269.42969	503582.2	5410710.0
L3580.1	503582.2	5410710.0	41110.19922	260.58	0	48.849349	-86.951172	56290.19	56245	5.01	56295.20	56295.23438	56269.53589	56269.69922	503582.2	5410710.0
L3580.1	503582.2	5410711.6	41110.30078	258.50	0	48.849364	-86.951172	56290.06	56245	5.02	56295.07	56295.10938	56269.83727	56270.00391	503582.2	5410711.6
L3580.1	503582.2	5410713.4	41110.39844	257.30	0	48.849379	-86.951171	56290.04	56245	5.02	56295.06	56295.10547	56270.15381	56270.32422	503582.2	5410713.4
L3580.1	503582.2	5410713.4	41110.39844	257.30	0	48.849379	-86.951171	56289.80	56245	5.02	56294.82	56294.87109	56270.48393	56270.66016	503582.2	5410713.4
L3580.1	503582.2	5410714.9	41110.60156	260.29	0	48.849393	-86.951171	56289.90	56245	5.02	56294.92	56294.97656	56270.80866	56270.99219	503582.2	5410714.9
L3580.1	503582.3	5410716.6	41110.69922	261.68	0	48.849408	-86.951170	56289.73	56245	5.02	56294.75	56294.81250	56271.12512	56271.31250	503582.3	5410716.6
L3580.1	503582.3	5410718.1	41110.80078	261.76	0	48.849422	-86.951170	56289.95	56245	5.03	56294.98	56295.04688	56271.42723	56271.62109	503582.3	5410718.1
L3580.1	503582.3	5410718.1	41110.89844	259.61	0	48.849422	-86.951170	56289.98	56245	5.03	56295.01	56295.08203	56271.71337	56271.91406	503582.3	5410718.1
L3580.1	503582.3	5410719.6	41111.00000	259.12	0	48.849435	-86.951170	56289.85	56245	5.03	56294.88	56294.96094	56271.97719	56272.18359	503582.3	5410719.6
L3580.1	503582.4	5410721.3	41111.10156	258.07	0	48.849451	-86.951169	56289.86	56245	5.03	56294.89	56294.97656	56272.22154	56272.43359	503582.4	5410721.3
L3580.1	503582.4	5410723.1	41111.19922	259.31	0	48.849467	-86.951169	56289.70	56245	5.03	56294.72	56294.81250	56272.44536	56272.66797	503582.4	5410723.1
L3580.1	503582.4	5410723.1	41111.30078	258.93	0	48.849467	-86.951169	56289.90	56245	5.02	56294.92	56295.02344	56272.65617	56272.88281	503582.4	5410723.1
L3580.1	503582.4	5410724.9	41111.39844	260.72	0	48.849483	-86.951169	56289.86	56245	5.02	56294.88	56294.98828	56272.85021	56273.08594	503582.4	5410724.9
L3580.1	503582.4	5410726.7	41111.50000	261.77	0	48.849499	-86.951168	56289.75	56245	5.02	56294.77	56294.88672	56273.02906	56273.27344	503582.4	5410726.7
L3580.1	503582.4	5410726.7	41111.60156	261.01	0	48.849499	-86.951168	56289.81	56245	5.02	56294.83	56294.95703	56273.19679	56273.44922	503582.4	5410726.7
L3580.1	503582.4	5410727.8	41111.69922	261.43	0	48.849509	-86.951168	56289.80	56245	5.02	56294.81	56294.94531	56273.35197	56273.61328	503582.4	5410727.8
L3580.1	503582.5	5410730.0	41111.80078	261.42	0	48.849529	-86.951168	56289.68	56245	5.01	56294.69	56294.83594	56273.48934	56273.76172	503582.5	5410730.0
L3580.1	503582.5	5410731.6	41111.89844	260.94	0	48.849543	-86.951167	56289.54	56245	5.01	56294.56	56294.71484	56273.61700	56273.89844	503582.5	5410731.6
L3580.1	503582.5	5410731.6	41112.00000	261.63	0	48.849543	-86.951167	56289.38	56245	5.01	56294.39	56294.55469	56273.74159	56274.03125	503582.5	5410731.6
L3580.1	503582.5	5410733.2	41112.10156	261.36	0	48.849558	-86.951167	56289.39	56245	5.01	56294.40	56294.57422	56273.86865	56274.17188	503582.5	5410733.2
L3580.1	503582.5	5410734.5	41112.19922	258.27	0	48.849570	-86.951167	56289.65	56245	5.01	56294.66	56294.84375	56274.00227	56274.31641	503582.5	5410734.5
L3580.1	503582.5	5410736.2	41112.30078	257.20	0	48.849584	-86.951166	56289.50	56245	5.01	56294.51	56294.70703	56274.15173	56274.47656	503582.5	5410736.2
L3580.1	503582.5	5410736.2	41112.39844	256.47	0	48.849584	-86.951166	56289.57	56245	5.01	56294.58	56294.78906	56274.32032	56274.65625	503582.5	5410736.2
L3580.1	503582.6	5410737.7	41112.39844	256.47	0	48.849598	-86.951166	56289.46	56245	5.01	56294.47	56294.69141	56274.51863	56274.86719	503582.6	5410737.7
L3580.1	503582.6	5410739.8	41112.60156	258.94	0	48.849617	-86.951166	56289.63	56245	5.00	56294.63	56294.86328	56274.74588	56275.10938	503582.6	5410739.8
L3580.1	503582.6	5410740.9	41112.69922	258.14	0	48.849627	-86.951166	56289.72	56245	5.00	56294.73	56294.97656	56275.00818	56275.38281	503582.6	5410740.9
L3580.1	503582.6	5410740.9	41112.80078	257.65	0	48.849627	-86.951166	56289.90	56245	5.00	56294.90	56295.16406	56275.30762	56275.69531	503582.6	5410740.9
L3580.1	503582.6	5410742.6	41112.89844	259.10	0	48.849642	-86.951166	56290.14	56245	5.00	56295.14	56295.41797	56275.64603	56276.05078	503582.6	5410742.6
L3580.1	503582.6	5410744.0	41113.00000	258.63	0	48.849655	-86.951166	56289.75	56245	5.00	56294.75	56295.04297	56276.01312	56276.43359	503582.6	5410744.0
L3580.1	503582.5	5410745.6	41113.10156	258.18	0	48.849669	-86.951166	56289.46	56245	5.00	56294.47	56294.77734	56276.40908	56276.84375	503582.5	5410745.6
L3580.1	503582.5	5410745.6	41113.19922	255.75	0	48.849669	-86.951166	56289.66	56245	5.00	56294.66	56294.98438	56276.84760	56277.30078	503582.5	5410745.6
L3580.1	503582.5	5410747.5	41113.30078	257.62	0	48.849686	-86.951167	56289.60	56245	5.00	56294.60	56294.94141	56277.30174	56277.76953	503582.5	5410747.5
L3580.1	503582.5	5410749.3	41113.39844	258.91	0	48.849702	-86.951167	56289.75	56245	5.00	56294.75	56295.10938	56277.78908	56278.27344	503582.5	5410749.3
L3580.1	503582.5	5410750.4	41113.50000	257.52	0	48.849712	-86.951167	56290.06	56245	5.01	56295.07	56295.44922	56278.31033	56278.81641	503582.5	5410750.4
L3580.1	503582.5	5410750.4	41113.60156	254.50	0	48.849712	-86.951167	56289.98	56245	5.01	56294.99	56295.38672	56278.80577	56279.32813	503582.5	5410750.4
L3580.1	503582.5	5410751.9	41113.69922	253.68	0	48.849726	-86.951168	56289.90	56245	5.01	56294.91	56295.32813	56279.29907	56279.84375	503582.5	5410751.9
L3580.1	503582.4	5410753.5	41113.80078	266.28	0	48.849740	-86.951168	56289.44	56245	5.01	56294.45	56294.88672	56279.72864	56280.29297	503582.4	5410753.5
L3580.1	503582.4	5410753.5	41113.89844	268.02	0	48.849740	-86.951168	56289.70	56245	5.01	56294.71	56295.16797	56280.24692	56280.83203	503582.4	5410753.5
L3580.1	503582.4	5410755.3	41114.00000	269.80	0	48.849757	-86.951168	56289.43	56245	5.01	56294.44	56294.92188	56280.65540	56281.26172	503582.4	5410755.3
L3580.1	503582.4	5410757.2	41114.10156	273.49	0	48.849774	-86.951169	56289.44	56245	5.01	56294.45	56294.95313	56281.08573	56281.71484	503582.4	5410757.2
L3580.1	503582.4	5410757.2	41114.19922	273.42	0	48.849774	-86.951169	56289.42	56245	5.01	56294.43	56294.95703	56281.21007	56281.86328	503582.4	5410757.2
L3580.1	503582.3	5410758.7	41114.30078	272.61	0	48.849787	-86.951169	56289.43	56245	5.02	56294.44	56294.99219	56281.58809	56282.26172	503582.3	5410758.7
L3580.1	503582.3	5410760.2	41114.39844	274.02	0	48.849801	-86.951169	56289.01	56245	5.02	56294.03	56294.60547	56281.94524	56282.64453	503582.3	5410760.2
L3580.1	503582.3	5410761.8	41114.39844	274.02	0	48.849815	-86.951170	56289.06	56245	5.02	56294.08	56294.68359	56282.23846	56282.96484	503582.3	5410761.8
L3580.1	503582.3	5410763.4	41114.60156	273.44	0	48.849829	-86.951170	56288.81	56245	5.02	56293.83	56294.46094	56282.49638	56283.24609	503582.3	5410763.4
L3580.1	503582.3	5410763.4	41114.69922	272.27	0	48.849829	-86.951170	56288.91	56245	5.02	56293.93	56294.58594	56282.70202	56283.48047	503582.3	5410763.4
L3580.1	503582.3	5410765.1	41114.80078	270.56	0	48.849845	-86.951170	56289.01	56245	5.03	56294.04	56294.72656	56282.85872	56283.66406	503582.3	5410765.1
L3580.1	503582.3	5410767.4	41114.89844	270.59	0	48.849865	-86.951170	56289.01	56245	5.03	56294.04	56294.75781	56282.97197	56283.80469	503582.3	5410767.4
L3580.1	503582.2	5410768.4	41115.00000	269.63	0	48.849874	-86.951170	56289.16	56245	5.03	56294.19	56294.93750	56283.04063	56283.90625	503582.2	5410768.4
L3580.1	503582.2	5410768.4	41115.10156	271.46	0	48.849874	-86.951170	56289.19	56245	5.03	56294.22	56294.99609	56283.07516	56283.96875	503582.2	5410768.4
L3580.1	503582.2	5410769.8	41115.19922	271.73	0	48.849887	-86.951170	56289.53	56245	5.03	56294.56	56295.37109	56283.06216	56283.98828	503582.2	5410769.8
L3580.1	503582.2	5410769.8	41115.30078	273.56	0	48.849887	-86.951170	56289.24	56245	5.03	56294.27	56295.11328	56283.05982	56284.01563	503582.2	5410769.8
L3580.1	503582.2	5410771.4	41115.39844	270.24	0	48.849901	-86.951170	56289.49	56245	5.03	56294.53	56295.40625	56283.16774	56284.15625	503582.2	5410771.4
L3580.1	503582.2	5410773.4	41115.50000	267.64	0	48.849919	-86.951170	56289.61	56245	5.04	56294.64	56295.55469	56283.13049	56284.15234	503582.2	5410773.4
L3580.1	503582.2	5410774.9	41115.60156	266.70	0	48.849933	-86.951170	56289.88	56245	5.04	56294.92	56295.87109	56283.11598	56284.17578	503582.2	5410774.9
L3580.1	503582.2	5410774.9	41115.69922	258.86	0	48.849933	-86.951170	56289.60	56245	5.04	56294.63	56295.61719	56283.01115	56284.10547	503582.2	5410774.9
L3580.1	503582.2	5410776.3	41115.80078	259.82	0	48.849946	-86.951170	56289.63	56245	5.04	56294.67	56295.69531	56282.96830	56284.09766	503582.2	5410776.3
L3580.1	503582.2	5410778.1	41115.89844	263.08	0	48.849961	-86.951170	56289.44	56245	5.04	56294.48	56295.54688	56282.90999	56284.07813	503582.2	5410778.1
L3580.1	503582.2	5410779.3	41116.00000	259.62	0	48.849973	-86.951171	56289.60	56245	5.04	56294.64	56295.74609	56282.90853	56284.11328	503582.2	5410779.3
L3580.1	503582.2	5410779.3	41116.10156	258.69	0	48.849973	-86.951171	56289.98	56245	5.04	56295.03	56296.17578	56282.93996	56284.18359	503582.2	5410779.3
L3580.1	503582.2	5410781.0	41116.19922	257.26	0	48.849988	-86.951171	56290.00	56244.9	5.05	56295.05	56296.23828	56282.95411	56284.23828	503582.2	5410781.0
L3580.1	503582.2	5410783.1	41116.30078	256.90	0	48.850007	-86.951171	56290.39	56244.9	5.06	56295.45	56296.68359	56283.01035	56284.33594	503582.2	5410783.1
L3580.1	503582.2	5410784.6	41116.39844	258.14	0	48.850020	-86.951172	56289.77	56244.9	5.06	56294.83	56296.10938	56283.03162	56284.39844	503582.2	5410784.6
L3580.1	503582.2	5410784.6	41116.39844	258.14	0	48.850020	-86.951172	56289.81	56244.9	5.06	56294.87	56296.19531	56283.11028	56284.51953	503582.2	5410784.6
L3580.1	503582.1	5410786.1	41116.60156	262.15	0	48.850033	-86.951172	56289.44	56244.9	5.07	56294.51	56295.88281	56283.19812	56284.65234	503582.1	5410786.1
L3580.1	503582.1	5410787.9	41116.69922	261.88	0	48.850050	-86.951172	56289.90	56244.9	5.07	56294.97	56296.39063	56283.32573	56284.82422	503582.1	5410787.9
L3580.1	503582.1	5410787.9	41116.80078	261.66	0	48.850050	-86.951172	56289.58	56244.9	5.08	56294.66	56296.12891	56283.45787	56285.00391	503582.1	5410787.9
L3580.1	503582.1	5410789.9	41116.89844	259.15	0	48.850068	-86.951172	56289.57	56244.9	5.08	56294.65	56296.17188	56283.61268	56285.20313	503582.1	5410789.9
L3580.1	503582.1	5410789.9	41117.00000	257.55	0	48.850068	-86.951172	56289.24	56244.9	5.09	56294.33	56295.90234	56283.78356	56285.42188	503582.1	5410789.9
L3580.1	503582.1	5410791.8	41117.10156	258.19	0	48.850085	-86.951172	56289.46	56244.9	5.09	56294.56	56296.18359	56283.96836	56285.65625	503582.1	5410791.8
L3580.1	503582.1	5410793.6	41117.19922	260.44	0	48.850101	-86.951172	56289.17	56244.9	5.09	56294.27	56295.94922	56284.16747	56285.90625	503582.1	5410793.6
L3580.1	503582.1	5410793.6	41117.30078	259.18	0	48.850101	-86.951172	56289.37	56244.9	5.10	56294.46	56296.19531	56284.37316	56286.16016	503582.1	5410793.6
L3580.1	503582.1	5410794.6	41117.39844	257.47	0	48.850110	-86.951172	56289.21	56244.9	5.10	56294.31	56296.10156	56284.59014	56286.42969	503582.1	5410794.6
L3580.1	503582.1	5410796.6	41117.50000	257.51	0	48.850128	-86.951172	56289.57	56244.9	5.10	56294.67	56296.51563	56284.80744	56286.69922	503582.1	5410796.6
L3580.1	503582.1	5410798.3	41117.60156	259.64	0	48.850143	-86.951173	56289.78	56244.9	5.10	56294.88	56296.78516	56285.03111	56286.97656	503582.1	5410798.3
L3580.1	503582.1	5410798.3	41117.69922	259.81	0	48.850143	-86.951173	56289.68	56244.9	5.10	56294.78	56296.74609	56285.26250	56287.26172	503582.1	5410798.3

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L3580.1	503582.0	5410800.9	41117.80078	260.13	0	48.850167	-86.951173	56290.29	56244.9	5.11	56295.39	56297.41797	56285.48562	56287.54297	503582.0	5410800.9
L3580.1	503582.0	5410802.4	41117.89844	260.69	0	48.850180	-86.951173	56290.38	56244.9	5.11	56295.49	56297.57813	56285.71743	56287.82813	503582.0	5410802.4
L3580.1	503582.0	5410802.4	41118.00000	262.88	0	48.850180	-86.951173	56290.54	56244.9	5.11	56295.65	56297.80078	56285.94903	56288.11719	503582.0	5410802.4
L3580.1	503582.0	5410803.9	41118.10156	262.27	0	48.850194	-86.951173	56290.69	56244.9	5.11	56295.80	56298.01563	56286.18093	56288.41016	503582.0	5410803.9
L3580.1	503582.0	5410805.7	41118.19922	260.23	0	48.850210	-86.951174	56291.06	56244.9	5.12	56296.17	56298.45313	56286.40853	56288.69531	503582.0	5410805.7
L3580.1	503582.0	5410805.7	41118.30078	259.97	0	48.850210	-86.951174	56290.93	56244.9	5.12	56296.04	56298.38672	56286.64521	56288.99219	503582.0	5410805.7
L3580.1	503582.0	5410807.3	41118.39844	258.70	0	48.850224	-86.951174	56291.21	56244.9	5.12	56296.33	56298.74609	56286.87296	56289.28125	503582.0	5410807.3
L3580.1	503582.0	5410808.5	41118.39844	258.70	0	48.850235	-86.951174	56290.95	56244.9	5.12	56296.08	56298.56250	56287.11350	56289.58203	503582.0	5410808.5
L3580.1	503582.0	5410810.0	41118.60156	257.26	0	48.850249	-86.951174	56290.90	56244.9	5.13	56296.03	56298.58594	56287.35146	56289.88281	503582.0	5410810.0
L3580.1	503582.0	5410810.0	41118.69922	256.75	0	48.850249	-86.951174	56291.18	56244.9	5.13	56296.31	56298.93359	56287.58326	56290.17969	503582.0	5410810.0
L3580.1	503581.9	5410811.8	41118.80078	258.51	0	48.850265	-86.951174	56291.18	56244.9	5.13	56296.32	56299.01563	56287.82632	56290.48438	503581.9	5410811.8
L3580.1	503581.9	5410813.3	41118.89844	258.04	0	48.850278	-86.951174	56291.90	56244.9	5.14	56297.04	56299.80859	56288.05139	56290.77734	503581.9	5410813.3
L3580.1	503581.9	5410813.3	41119.00000	258.53	0	48.850278	-86.951174	56292.05	56244.9	5.14	56297.19	56300.03516	56288.29939	56291.08984	503581.9	5410813.3
L3580.1	503581.9	5410815.0	41119.10156	257.80	0	48.850293	-86.951174	56291.94	56244.9	5.14	56297.08	56300.00000	56288.56253	56291.42188	503581.9	5410815.0
L3580.1	503582.0	5410816.4	41119.19922	257.79	0	48.850307	-86.951174	56291.64	56244.9	5.14	56296.78	56299.77344	56288.83932	56291.76563	503582.0	5410816.4
L3580.1	503582.0	5410818.1	41119.30078	257.63	0	48.850322	-86.951173	56291.64	56244.9	5.14	56296.78	56299.85156	56289.11301	56292.10547	503582.0	5410818.1
L3580.1	503582.0	5410818.1	41119.39844	259.34	0	48.850322	-86.951173	56292.28	56244.9	5.14	56297.42	56300.57031	56289.37337	56292.43750	503582.0	5410818.1
L3580.1	503582.0	5410820.0	41119.39844	259.34	0	48.850338	-86.951173	56292.95	56244.9	5.14	56298.09	56301.32031	56289.64301	56292.77734	503582.0	5410820.0
L3580.1	503582.0	5410821.3	41119.60156	259.29	0	48.850350	-86.951173	56293.20	56244.9	5.15	56298.34	56301.64844	56289.93572	56293.14063	503582.0	5410821.3
L3580.1	503582.0	5410821.3	41119.69922	258.90	0	48.850350	-86.951173	56293.56	56244.9	5.15	56298.71	56302.10156	56290.23565	56293.51172	503582.0	5410821.3
L3580.1	503582.1	5410823.1	41119.80078	257.81	0	48.850367	-86.951172	56293.98	56244.9	5.15	56299.13	56302.60156	56290.54597	56293.89063	503582.1	5410823.1
L3580.1	503582.1	5410824.5	41119.89844	257.81	0	48.850379	-86.951172	56293.64	56244.9	5.15	56298.79	56302.34375	56290.87624	56294.29688	503582.1	5410824.5
L3580.1	503582.1	5410825.7	41120.00000	255.17	0	48.850390	-86.951171	56293.65	56244.8	5.15	56298.80	56302.43750	56291.20659	56294.69922	503582.1	5410825.7
L3580.1	503582.1	5410825.7	41120.00000	256.46	0	48.850390	-86.951171	56294.17	56244.8	5.15	56299.32	56303.04297	56291.54441	56295.10938	503582.1	5410825.7
L3580.1	503582.2	5410827.8	41120.19922	256.00	0	48.850409	-86.951170	56294.20	56244.8	5.15	56299.35	56303.15625	56291.88783	56295.52734	503582.2	5410827.8
L3580.1	503582.3	5410829.3	41120.30078	256.29	0	48.850423	-86.951169	56294.47	56244.8	5.15	56299.62	56303.51172	56292.24004	56295.95313	503582.3	5410829.3
L3580.1	503582.3	5410829.3	41120.39844	264.76	0	48.850423	-86.951169	56294.40	56244.8	5.15	56299.55	56303.52734	56292.58698	56296.37500	503582.3	5410829.3
L3580.1	503582.3	5410830.8	41120.39844	264.76	0	48.850436	-86.951169	56295.01	56244.8	5.15	56300.16	56304.22656	56292.96431	56296.82813	503582.3	5410830.8
L3580.1	503582.4	5410831.9	41120.60156	262.52	0	48.850445	-86.951168	56294.65	56244.8	5.15	56299.80	56303.95313	56293.29792	56297.23828	503582.4	5410831.9
L3580.1	503582.4	5410834.1	41120.69922	263.35	0	48.850465	-86.951167	56295.32	56244.8	5.15	56300.47	56304.71094	56293.69449	56297.71094	503582.4	5410834.1
L3580.1	503582.4	5410834.1	41120.80078	258.87	0	48.850465	-86.951167	56295.04	56244.8	5.15	56300.19	56304.51953	56294.02521	56298.12109	503582.4	5410834.1
L3580.1	503582.4	5410835.1	41120.89844	259.74	0	48.850475	-86.951167	56295.41	56244.8	5.15	56300.56	56304.97656	56294.40849	56298.58203	503582.4	5410835.1
L3580.1	503582.5	5410836.6	41121.00000	268.02	0	48.850488	-86.951167	56295.81	56244.8	5.15	56300.96	56305.46875	56294.80058	56299.05078	503582.5	5410836.6
L3580.1	503582.5	5410837.9	41121.10156	268.40	0	48.850499	-86.951166	56296.02	56244.8	5.15	56301.17	56305.76953	56295.17455	56299.50391	503582.5	5410837.9
L3580.1	503582.5	5410839.4	41121.19922	268.01	0	48.850513	-86.951166	56296.52	56244.8	5.15	56301.67	56306.35938	56295.58833	56299.99609	503582.5	5410839.4
L3580.1	503582.5	5410839.4	41121.30078	267.30	0	48.850513	-86.951166	56296.04	56244.8	5.15	56301.19	56305.96875	56295.85852	56300.34375	503582.5	5410839.4
L3580.1	503582.5	5410841.2	41121.39844	267.32	0	48.850529	-86.951166	56296.88	56244.8	5.15	56302.03	56306.90234	56296.32601	56300.89063	503582.5	5410841.2
L3580.1	503582.5	5410841.2	41121.50000	266.71	0	48.850529	-86.951166	56296.48	56244.8	5.15	56301.63	56306.59375	56296.58320	56301.22656	503582.5	5410841.2
L3580.1	503582.5	5410843.2	41121.60156	269.27	0	48.850547	-86.951167	56297.38	56244.8	5.15	56302.53	56307.58203	56297.06755	56301.78906	503582.5	5410843.2
L3580.1	503582.4	5410844.4	41121.69922	266.20	0	48.850558	-86.951167	56297.28	56244.8	5.15	56302.43	56307.57422	56297.48359	56302.28125	503582.4	5410844.4
L3580.1	503582.4	5410846.2	41121.80078	265.54	0	48.850574	-86.951167	56297.70	56244.8	5.15	56302.85	56308.08594	56297.81537	56302.69531	503582.4	5410846.2
L3580.1	503582.4	5410847.5	41121.89844	267.02	0	48.850586	-86.951168	56297.51	56244.8	5.15	56302.66	56307.98828	56298.18313	56303.14063	503582.4	5410847.5
L3580.1	503582.4	5410847.5	41122.00000	267.89	0	48.850586	-86.951168	56298.09	56244.8	5.15	56303.24	56308.66016	56298.49436	56303.53125	503582.4	5410847.5
L3580.1	503582.3	5410849.3	41122.10156	269.17	0	48.850602	-86.951168	56298.25	56244.9	5.15	56303.40	56308.91406	56298.82407	56303.93750	503582.3	5410849.3
L3580.1	503582.3	5410850.8	41122.19922	270.76	0	48.850615	-86.951168	56298.20	56244.9	5.15	56303.35	56308.95703	56299.15464	56304.34766	503582.3	5410850.8
L3580.1	503582.3	5410850.8	41122.30078	271.70	0	48.850615	-86.951168	56298.98	56244.9	5.15	56304.13	56309.82813	56299.45060	56304.72266	503582.3	5410850.8
L3580.1	503582.3	5410852.8	41122.39844	270.97	0	48.850634	-86.951169	56299.25	56244.9	5.15	56304.39	56310.17969	56299.76167	56305.11328	503582.3	5410852.8
L3580.1	503582.3	5410854.5	41122.39844	270.97	0	48.850649	-86.951169	56299.35	56244.9	5.15	56304.49	56310.37109	56300.07310	56305.50000	503582.3	5410854.5
L3580.1	503582.3	5410854.5	41122.60156	271.55	0	48.850649	-86.951169	56299.60	56244.9	5.14	56304.74	56310.71094	56300.37770	56305.88281	503582.3	5410854.5
L3580.1	503582.3	5410855.8	41122.69922	271.96	0	48.850661	-86.951169	56300.19	56244.9	5.14	56305.33	56311.39453	56300.67343	56306.25781	503582.3	5410855.8
L3580.1	503582.3	5410857.6	41122.80078	271.56	0	48.850676	-86.951169	56300.24	56244.9	5.14	56305.38	56311.53516	56300.97840	56306.64063	503582.3	5410857.6
L3580.1	503582.3	5410859.1	41122.89844	271.31	0	48.850690	-86.951169	56300.50	56244.9	5.14	56305.64	56311.88281	56301.27817	56307.01563	503582.3	5410859.1
L3580.1	503582.3	5410859.1	41123.00000	270.14	0	48.850690	-86.951169	56300.80	56244.9	5.14	56305.94	56312.27344	56301.57669	56307.39063	503582.3	5410859.1
L3580.1	503582.3	5410862.7	41123.10156	266.32	0	48.850723	-86.951168	56300.95	56244.9	5.14	56306.10	56312.52344	56301.87715	56307.76563	503582.3	5410862.7
L3580.1	503582.3	5410862.7	41123.19922	266.22	0	48.850723	-86.951168	56301.44	56244.9	5.15	56306.59	56313.10156	56302.17039	56308.13672	503582.3	5410862.7
L3580.1	503582.3	5410864.5	41123.30078	267.41	0	48.850739	-86.951168	56301.52	56244.9	5.15	56306.67	56313.26953	56302.47103	56308.51172	503582.3	5410864.5
L3580.1	503582.3	5410864.5	41123.39844	268.53	0	48.850739	-86.951168	56301.90	56244.8	5.15	56307.05	56313.73828	56302.76446	56308.87891	503582.3	5410864.5
L3580.1	503582.3	5410865.4	41123.50000	266.46	0	48.850747	-86.951168	56301.74	56244.8	5.15	56306.90	56313.67578	56303.07109	56309.25781	503582.3	5410865.4
L3580.1	503582.3	5410867.5	41123.60156	266.11	0	48.850766	-86.951168	56302.34	56244.8	5.16	56307.49	56314.35156	56303.35805	56309.61719	503582.3	5410867.5
L3580.1	503582.3	5410868.8	41123.69922	267.83	0	48.850777	-86.951168	56302.28	56244.8	5.16	56307.44	56314.38672	56303.66489	56310.00000	503582.3	5410868.8
L3580.1	503582.3	5410868.8	41123.80078	266.18	0	48.850777	-86.951168	56302.89	56244.8	5.16	56308.06	56315.08984	56303.95045	56310.35547	503582.3	5410868.8
L3580.1	503582.4	5410871.8	41123.89844	268.51	0	48.850804	-86.951168	56303.25	56244.8	5.17	56308.42	56315.53516	56304.24587	56310.72266	503582.4	5410871.8
L3580.1	503582.4	5410871.8	41124.00000	269.78	0	48.850804	-86.951168	56303.23	56244.8	5.17	56308.40	56315.59766	56304.56014	56311.10547	503582.4	5410871.8
L3580.1	503582.4	5410873.7	41124.10156	270.82	0	48.850822	-86.951168	56303.58	56244.8	5.17	56308.75	56316.02734	56304.86270	56311.47656	503582.4	5410873.7
L3580.1	503582.4	5410873.7	41124.19922	269.22	0	48.850822	-86.951168	56303.43	56244.8	5.16	56308.59	56315.94922	56305.19388	56311.87500	503582.4	5410873.7
L3580.1	503582.4	5410875.7	41124.30078	271.55	0	48.850840	-86.951168	56303.95	56244.8	5.15	56309.10	56316.53906	56305.49716	56312.24609	503582.4	5410875.7
L3580.1	503582.4	5410877.3	41124.39844	270.16	0	48.850854	-86.951168	56304.07	56244.8	5.15	56309.22	56316.73438	56305.82381	56312.64063	503582.4	5410877.3
L3580.1	503582.4	5410877.3	41124.39844	270.16	0	48.850854	-86.951168	56304.91	56244.8	5.15	56310.06	56317.65234	56306.11789	56312.99609	503582.4	5410877.3
L3580.1	503582.4	5410878.8	41124.60156	267.36	0	48.850868	-86.951168	56304.84	56244.9	5.14	56309.98	56317.64844	56306.46144	56313.40625	503582.4	5410878.8
L3580.1	503582.3	5410880.6	41124.69922	267.73	0	48.850883	-86.951168	56305.21	56244.9	5.14	56310.35	56318.09375	56306.78489	56313.79297	503582.3	5410880.6
L3580.1	503582.3	5410880.6	41124.80078	267.22	0	48.850883	-86.951168	56305.40	56244.9	5.13	56310.53	56318.34375	56307.11912	56314.18750	503582.3	5410880.6
L3580.1	503582.3	5410882.4	41124.89844	257.44	0	48.850900	-86.951168	56305.52	56244.9	5.13	56310.65	56318.53516	56307.45687	56314.58594	503582.3	5410882.4
L3580.1	503582.3	5410884.1	41125.00000	257.19	0	48.850915	-86.951168	56305.70	56244.9	5.12	56310.82	56318.77734	56307.79282	56314.98047	503582.3	5410884.1
L3580.1	503582.3	5410884.1	41125.10156	265.29	0	48.850915	-86.951168	56305.98	56244.9	5.12	56311.10	56319.12500	56308.12435	56315.37109	503582.3	5410884.1
L3580.1	503582.3	5410885.4	41125.19922	266.52	0	48.850927	-86.951168	56306.49	56244.9	5.12	56311.61	56319.69922	56308.44607	56315.75000	503582.3	5410885.4
L3580.1	503582.3	5410887.1	41125.30078	268.98	0	48.850942	-86.951169	56306.52	56244.9	5.12	56311.64	56319.79688	56308.79126	56316.14844	503582.3	5410887.1
L3580.1	503582.3	5410888.9	41125.39844	267.15	0	48.850958	-86.951169	56306.70	56244.9	5.12	56311.82	56320.03906	56309.13075	56316.54297	503582.3	5410888.9
L3580.1	503582.3	5410888.9	41125.50000	269.61	0	48.850958	-86.951169	56307.18	56244.9	5.12	56312.30	56320.58203	56309.45742	56316.92188	503582.3	5410888.9
L3580.1	503582.2	5410890.6	41125.60156	269.49	0	48.850973	-86.951170	56307.82	56244.9	5.12	56312.94	56321.28125	56309.77768	56317.29688	503582.2	5410890.6
L3580.1	503582.2	5410892.6	41125.69922	271.64	0	48.850992	-86.951170	56307.97	56244.9	5.12	56313.09	56321.48828	56310.12313	56317.69141	503582.2	5410892.6
L3580.1	503582.2	5410892.6	41125.80078	269.82	0	48.850992	-86.951170	56308.02	56244.9	5.12	56313.14	56321.59375	56310.47535	56318.08984	503582.2	5410892.6
L3580.1	503582.2	5410894.4	41125.89844	268.78	0	48.851008	-86.951170	56308.48	56244.9	5.12	56313.60	56322.10938	56310.80901	56318.47266	503582.2	5410894.4
L3580.1	503582.2	5410895.8	41126.00000	268.86	0	48.851020	-86.951170	56308.64	56244.9	5.12	56313.76	56322.32422	56311.15960	56318.86719	503582.2	5410895.8
L3580.1	503582.2	5410895.8	41126.10156	270.35	0	48.851020	-86.951170	56309.07	56244.9	5.12	56314.19	56322.80469	56311.49808	56319.25000	503582.2	5410895.8
L3580.1	503582.1	5410897.8	41126.19922	270.40	0	48.851038	-86.951171	56309.11	56244.9	5.11	56314.22	56322.88281	56311.85852	56319.65234	503582.1	5410897.8
L3580.1	503582.1	5410899.7	41126.30078	272.19	0	48.851056	-86.951171	56309.45	56244.9	5.11	56314.56	56323.26953	56312.20423	56320.03906	503582.1	5410899.7
L3580.1	503582.1	5410901.1	41126.39844	273.71	0	48.851068	-86.951171	56309.78	56244.9	5.11	56314.89	56323.64063	56312.55151	56320.42578	503582.1	5410901.1
L3580.1	503582.1	5410901.1	41126.39844	273.71	0	48.851068	-86.951171	56310.38	56244.9	5.11	56315.48	56324.27344	56312.88533	56320.79688	503582.1	5410901.1
L3580.1	503582.1	5410902.6	41126.60156	270.36	0	48.851081	-86.951171	56310.58	56244.9	5.10	56315.68	56324.51563	56313.24137	56321.19141	503582.1	5410902.6
L3580.1	503582.1	5410904.3	41126.69922	268.81	0	48.851097	-86.951171	56310.88	56244.9	5.10	56315.98	56324.85156	56313.59295	56321.57422	503582.1	5410904.3
L3580.1	503582.1	5410904.3	41126.80078	266.80	0	48.851097	-86.951171	56311.37	56244.9	5.10	56316.46	56325.36719	56313.93457	56321.94922	503582.1	5410904.3
L3580.1	503582.1	5410906.2	41126.89844	265.39	0	48.851114	-86.951172	56311.80	56244.9	5.09	56316.89	56325.83203	56314.27971	56322.32422	503582.1	5410906.2
L3580.1	503582.0	5410907.5	41127.00000	267.77	0	48.851126	-86.951172	56312.01	56244.9	5.09	56317.10	56326.07422	56314.64048	56322.71484	503582.0	5410907.5

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L3580.1	503582.0	5410909.3	41127.10156	266.91	0	48.851141	-86.951172	56312.39	56244.9	5.09	56317.48	56326.48047	56314.99167	56323.09375	503582.0	5410909.3
L3580.1	503582.0	5410909.3	41127.19922	266.99	0	48.851141	-86.951172	56312.82	56244.9	5.09	56317.91	56326.93750	56315.34086	56323.46875	503582.0	5410909.3
L3580.1	503582.0	5410910.8	41127.30078	269.57	0	48.851155	-86.951173	56313.34	56244.9	5.09	56318.43	56327.48438	56315.68496	56323.83594	503582.0	5410910.8
L3580.1	503581.9	5410912.8	41127.39844	270.33	0	48.851173	-86.951174	56313.74	56244.9	5.09	56318.83	56327.90625	56316.04012	56324.21094	503581.9	5410912.8
L3580.1	503581.9	5410912.8	41127.50000	269.64	0	48.851173	-86.951174	56314.07	56244.9	5.09	56319.16	56328.25391	56316.40337	56324.59766	503581.9	5410912.8
L3580.1	503581.8	5410914.6	41127.60156	268.27	0	48.851190	-86.951175	56314.38	56244.9	5.09	56319.46	56328.57031	56316.77198	56324.98438	503581.8	5410914.6
L3580.1	503581.8	5410915.8	41127.69922	267.41	0	48.851201	-86.951175	56314.33	56244.9	5.09	56319.42	56328.54688	56317.17214	56325.39844	503581.8	5410915.8
L3580.1	503581.8	5410915.8	41127.80078	270.73	0	48.851201	-86.951175	56314.82	56244.9	5.09	56319.91	56329.05078	56317.53076	56325.77344	503581.8	5410915.8
L3580.1	503581.7	5410917.7	41127.89844	268.51	0	48.851218	-86.951176	56314.91	56244.9	5.09	56320.00	56329.14844	56317.92597	56326.17969	503581.7	5410917.7
L3580.1	503581.7	5410918.8	41128.00000	268.98	0	48.851228	-86.951177	56315.27	56244.9	5.09	56320.36	56329.51563	56318.30085	56326.56641	503581.7	5410918.8
L3580.1	503581.6	5410920.7	41128.10156	267.83	0	48.851245	-86.951177	56315.63	56244.9	5.09	56320.72	56329.88281	56318.67823	56326.94922	503581.6	5410920.7
L3580.1	503581.6	5410920.7	41128.19922	267.77	0	48.851245	-86.951177	56315.68	56244.9	5.08	56320.77	56329.93359	56319.08403	56327.36328	503581.6	5410920.7
L3580.1	503581.6	5410922.2	41128.30078	267.80	0	48.851258	-86.951178	56316.20	56244.9	5.08	56321.28	56330.44531	56319.45342	56327.73828	503581.6	5410922.2
L3580.1	503581.6	5410923.4	41128.39844	267.03	0	48.851269	-86.951178	56316.57	56244.9	5.08	56321.64	56330.80078	56319.83745	56328.12500	503581.6	5410923.4
L3580.1	503581.5	5410924.8	41128.39844	267.03	0	48.851282	-86.951179	56317.36	56244.9	5.08	56322.44	56331.59766	56320.18825	56328.47656	503581.5	5410924.8
L3580.1	503581.5	5410924.8	41128.60156	265.32	0	48.851282	-86.951179	56317.59	56244.9	5.07	56322.67	56331.82031	56320.58654	56328.87109	503581.5	5410924.8
L3580.1	503581.5	5410926.5	41128.69922	265.13	0	48.851297	-86.951179	56317.81	56244.9	5.07	56322.87	56332.00781	56320.98810	56329.26953	503581.5	5410926.5
L3580.1	503581.5	5410928.1	41128.80078	264.13	0	48.851311	-86.951179	56317.88	56244.9	5.07	56322.94	56332.06641	56321.40043	56329.67969	503581.5	5410928.1
L3580.1	503581.5	5410928.1	41128.89844	265.65	0	48.851311	-86.951179	56318.38	56244.9	5.06	56323.45	56332.56250	56321.78020	56330.05078	503581.5	5410928.1
L3580.1	503581.5	5410929.5	41129.00000	266.59	0	48.851324	-86.951179	56318.72	56244.9	5.06	56323.78	56332.87500	56322.17479	56330.43750	503581.5	5410929.5
L3580.1	503581.5	5410931.2	41129.10156	267.78	0	48.851339	-86.951179	56319.18	56244.9	5.06	56324.24	56333.31250	56322.56048	56330.81250	503581.5	5410931.2
L3580.1	503581.5	5410931.2	41129.19922	267.48	0	48.851339	-86.951179	56319.34	56244.9	5.06	56324.39	56333.44141	56322.97113	56331.20703	503581.5	5410931.2
L3580.1	503581.5	5410933.2	41129.30078	269.29	0	48.851357	-86.951180	56319.59	56244.9	5.06	56324.64	56333.66797	56323.37558	56331.59766	503581.5	5410933.2
L3580.1	503581.4	5410934.9	41129.39844	269.44	0	48.851372	-86.951180	56319.87	56244.9	5.06	56324.92	56333.91797	56323.77929	56331.98438	503581.4	5410934.9
L3580.1	503581.4	5410936.8	41129.50000	268.58	0	48.851389	-86.951180	56320.25	56244.9	5.06	56325.30	56334.26953	56324.17620	56332.36328	503581.4	5410936.8
L3580.1	503581.4	5410936.8	41129.60156	269.65	0	48.851389	-86.951180	56320.86	56244.9	5.05	56325.91	56334.84766	56324.55377	56332.71875	503581.4	5410936.8
L3580.1	503581.4	5410938.1	41129.69922	269.60	0	48.851401	-86.951180	56321.30	56244.9	5.05	56326.35	56335.25000	56324.65954	56332.80078	503581.4	5410938.1
L3580.1	503581.4	5410940.0	41129.80078	269.15	0	48.851418	-86.951180	56321.88	56244.9	5.05	56326.93	56335.79297	56325.09152	56333.20703	503581.4	5410940.0
L3580.1	503581.4	5410940.0	41129.89844	267.83	0	48.851418	-86.951180	56322.12	56244.9	5.05	56327.17	56335.99609	56325.45770	56333.54688	503581.4	5410940.0
L3580.1	503581.4	5410941.4	41130.00000	268.01	0	48.851430	-86.951180	56322.42	56244.9	5.05	56327.47	56336.25391	56325.83655	56333.89453	503581.4	5410941.4
L3580.1	503581.4	5410942.8	41130.10156	265.71	0	48.851444	-86.951180	56322.78	56245	5.05	56327.83	56336.56641	56326.22741	56334.25391	503581.4	5410942.8
L3580.1	503581.4	5410944.4	41130.19922	264.52	0	48.851458	-86.951180	56323.21	56245	5.05	56328.26	56336.94922	56326.63129	56334.62500	503581.4	5410944.4
L3580.1	503581.4	5410944.4	41130.30078	265.15	0	48.851458	-86.951180	56323.90	56245	5.05	56328.95	56337.58984	56327.07902	56335.03516	503581.4	5410944.4
L3580.1	503581.4	5410946.5	41130.39844	265.99	0	48.851477	-86.951180	56324.54	56245	5.05	56329.58	56338.17188	56327.51434	56335.43359	503581.4	5410946.5
L3580.1	503581.4	5410947.9	41130.39844	265.99	0	48.851489	-86.951180	56324.91	56245	5.05	56329.96	56338.49609	56327.90905	56335.78906	503581.4	5410947.9
L3580.1	503581.4	5410947.9	41130.60156	255.08	0	48.851489	-86.951180	56325.18	56245	5.04	56330.22	56338.69922	56328.28744	56336.12500	503581.4	5410947.9
L3580.1	503581.5	5410949.7	41130.69922	254.44	0	48.851506	-86.951179	56325.54	56245	5.04	56330.58	56339.00000	56328.68351	56336.47656	503581.5	5410949.7
L3580.1	503581.5	5410949.7	41130.80078	264.52	0	48.851506	-86.951179	56326.17	56245	5.04	56331.21	56339.57031	56329.11931	56336.86719	503581.5	5410949.7
L3580.1	503581.5	5410951.1	41130.89844	264.61	0	48.851518	-86.951179	56326.61	56245	5.04	56331.65	56339.94922	56329.52991	56337.23047	503581.5	5410951.1
L3580.1	503581.6	5410952.6	41131.00000	264.20	0	48.851532	-86.951178	56327.20	56245	5.04	56332.24	56340.47266	56329.96244	56337.61328	503581.6	5410952.6
L3580.1	503581.6	5410952.6	41131.10156	263.88	0	48.851532	-86.951178	56327.37	56245	5.04	56332.41	56340.57422	56330.34392	56337.94141	503581.6	5410952.6
L3580.1	503581.6	5410953.8	41131.19922	263.37	0	48.851542	-86.951178	56328.06	56245	5.04	56333.10	56341.19531	56330.79434	56338.33594	503581.6	5410953.8
L3580.1	503581.6	5410954.8	41131.30078	265.11	0	48.851551	-86.951177	56328.24	56245	5.05	56333.28	56341.30469	56331.18495	56338.67188	503581.6	5410954.8
L3580.1	503581.6	5410956.2	41131.39844	263.91	0	48.851563	-86.951177	56329.03	56245	5.05	56334.08	56342.03125	56331.65533	56339.08203	503581.6	5410956.2
L3580.1	503581.7	5410957.4	41131.50000	263.15	0	48.851574	-86.951177	56329.43	56244.9	5.05	56334.48	56342.35547	56332.08047	56339.44922	503581.7	5410957.4
L3580.1	503581.7	5410958.5	41131.60156	262.26	0	48.851585	-86.951176	56329.90	56244.9	5.05	56334.95	56342.75000	56332.51803	56339.82422	503581.7	5410958.5
L3580.1	503581.7	5410958.5	41131.69922	262.45	0	48.851585	-86.951176	56330.43	56244.9	5.05	56335.48	56343.19922	56332.96716	56340.20703	503581.7	5410958.5
L3580.1	503581.7	5410960.0	41131.80078	263.78	0	48.851598	-86.951176	56330.76	56244.9	5.06	56335.82	56343.45703	56333.39521	56340.57031	503581.7	5410960.0
L3580.1	503581.7	5410960.0	41131.89844	265.81	0	48.851598	-86.951176	56331.35	56244.9	5.06	56336.41	56343.96484	56333.86014	56340.96484	503581.7	5410960.0
L3580.1	503581.8	5410961.2	41132.00000	264.09	0	48.851609	-86.951175	56331.86	56244.9	5.06	56336.92	56344.39063	56334.31825	56341.35156	503581.8	5410961.2
L3580.1	503581.8	5410962.4	41132.10156	261.56	0	48.851620	-86.951175	56332.45	56244.9	5.06	56337.50	56344.88281	56334.79052	56341.75000	503581.8	5410962.4
L3580.1	503581.8	5410963.8	41132.19922	264.92	0	48.851632	-86.951175	56332.93	56244.9	5.06	56337.99	56345.28516	56335.25295	56342.14063	503581.8	5410963.8
L3580.1	503581.8	5410965.1	41132.30078	265.45	0	48.851644	-86.951174	56333.65	56244.9	5.06	56338.71	56345.91406	56335.75612	56342.56641	503581.8	5410965.1
L3580.1	503581.8	5410965.1	41132.39844	266.52	0	48.851644	-86.951174	56334.00	56244.9	5.06	56339.06	56346.17188	56336.20125	56342.92969	503581.8	5410965.1
L3580.1	503581.8	5410966.3	41132.39844	266.52	0	48.851655	-86.951174	56334.21	56244.9	5.06	56339.27	56346.28906	56336.62070	56343.26953	503581.8	5410966.3
L3580.1	503581.8	5410967.9	41132.60156	268.28	0	48.851669	-86.951174	56334.68	56244.9	5.06	56339.74	56346.66406	56337.08631	56343.65234	503581.8	5410967.9
L3580.1	503581.8	5410968.8	41132.69922	267.79	0	48.851678	-86.951174	56335.25	56244.9	5.06	56340.31	56347.13672	56337.57250	56344.05078	503581.8	5410968.8
L3580.1	503581.8	5410968.8	41132.80078	269.26	0	48.851678	-86.951174	56335.96	56244.9	5.06	56341.02	56347.75000	56337.98398	56344.37500	503581.8	5410968.8
L3580.1	503581.9	5410970.4	41132.89844	270.83	0	48.851691	-86.951174	56336.31	56244.9	5.06	56341.36	56347.99219	56338.45886	56344.76172	503581.9	5410970.4
L3580.1	503581.9	5410971.5	41133.00000	271.15	0	48.851701	-86.951174	56336.84	56244.9	5.06	56341.90	56348.42969	56338.91816	56345.12891	503581.9	5410971.5
L3580.1	503581.9	5410971.5	41133.10156	269.79	0	48.851701	-86.951174	56337.09	56244.9	5.06	56342.15	56348.57813	56339.39396	56345.51172	503581.9	5410971.5
L3580.1	503581.9	5410972.8	41133.19922	269.29	0	48.851713	-86.951173	56337.73	56244.9	5.06	56342.79	56349.11328	56339.84704	56345.87109	503581.9	5410972.8
L3580.1	503581.9	5410972.8	41133.30078	268.41	0	48.851713	-86.951173	56337.88	56244.9	5.06	56342.95	56349.16797	56340.31943	56346.24609	503581.9	5410972.8
L3580.1	503581.9	5410974.0	41133.39844	267.80	0	48.851724	-86.951173	56338.52	56244.9	5.06	56343.59	56349.70313	56340.77106	56346.59766	503581.9	5410974.0
L3580.1	503581.9	5410975.3	41133.50000	267.07	0	48.851735	-86.951173	56339.21	56244.9	5.07	56344.27	56350.27344	56341.22215	56346.94531	503581.9	5410975.3
L3580.1	503581.9	5410976.4	41133.60156	267.54	0	48.851745	-86.951173	56339.62	56244.9	5.07	56344.69	56350.58594	56341.67821	56347.29688	503581.9	5410976.4
L3580.1	503581.9	5410976.4	41133.69922	267.48	0	48.851745	-86.951173	56340.23	56244.9	5.07	56345.30	56351.08594	56342.12896	56347.64063	503581.9	5410976.4
L3580.1	503581.9	5410977.4	41133.80078	269.85	0	48.851755	-86.951173	56340.54	56244.9	5.07	56345.61	56351.28516	56342.58173	56347.98828	503581.9	5410977.4
L3580.1	503581.9	5410978.5	41133.89844	270.00	0	48.851764	-86.951173	56341.16	56244.9	5.07	56346.22	56351.78125	56343.03013	56348.32422	503581.9	5410978.5
L3580.1	503581.9	5410979.7	41134.00000	270.76	0	48.851775	-86.951173	56341.25	56244.9	5.07	56346.32	56351.76953	56343.48020	56348.66406	503581.9	5410979.7
L3580.1	503581.9	5410979.7	41134.10156	271.53	0	48.851775	-86.951173	56341.89	56244.9	5.07	56346.97	56352.30469	56343.92759	56348.99609	503581.9	5410979.7
L3580.1	503581.9	5410980.5	41134.19922	271.64	0	48.851783	-86.951173	56342.22	56244.9	5.07	56347.29	56352.51172	56344.37487	56349.32813	503581.9	5410980.5
L3580.1	503581.9	5410981.6	41134.30078	270.83	0	48.851792	-86.951173	56342.86	56244.9	5.07	56347.93	56353.03516	56344.82342	56349.66016	503581.9	5410981.6
L3580.1	503581.9	5410982.4	41134.39844	271.42	0	48.851800	-86.951173	56343.24	56244.9	5.07	56348.32	56353.30859	56345.27094	56349.98438	503581.9	5410982.4
L3580.1	503581.9	5410982.4	41134.39844	271.42	0	48.851800	-86.951173	56343.81	56244.9	5.07	56348.88	56353.75000	56345.72038	56350.31250	503581.9	5410982.4
L3580.1	503581.9	5410983.4	41134.60156	269.80	0	48.851809	-86.951174	56344.34	56244.9	5.08	56349.42	56354.17188	56346.16983	56350.63672	503581.9	5410983.4
L3580.1	503581.9	5410984.4	41134.69922	269.02	0	48.851817	-86.951174	56344.95	56244.9	5.08	56350.03	56354.66406	56346.62043	56350.96094	503581.9	5410984.4
L3580.1	503581.9	5410984.4	41134.80078	269.35	0	48.851817	-86.951174	56345.77	56244.9	5.08	56350.84	56355.35156	56347.07512	56351.28906	503581.9	5410984.4
L3580.1	503581.9	5410985.3	41134.89844	268.75	0	48.851825	-86.951174	56345.97	56244.9	5.08	56351.05	56355.44141	56347.51400	56351.59766	503581.9	5410985.3
L3580.1	503581.9	5410986.1	41135.00000	269.90	0	48.851833	-86.951174	56346.54	56244.9	5.08	56351.62	56355.89063	56347.95865	56351.91016	503581.9	5410986.1
L3580.1	503581.9	5410987.2	41135.10156	270.03	0	48.851842	-86.951174	56346.56	56244.9	5.08	56351.64	56355.78906	56348.38405	56352.19922	503581.9	5410987.2
L3580.1	503581.9	5410987.9	41135.19922	270.84	0	48.851849	-86.951174	56347.36	56244.9	5.08	56352.43	56356.45703	56348.82708	56352.50781	503581.9	5410987.9
L3580.1	503581.9	5410987.9	41135.30078	268.90	0	48.851849	-86.951174	56347.68	56244.9	5.08	56352.76	56356.66406	56349.25320	56352.79688	503581.9	5410987.9
L3580.1	503581.9	5410989.1	41135.39844	270.69	0	48.851860	-86.951173	56348.30	56244.9	5.08	56353.37	56357.15234	56349.68461	56353.08594	503581.9	5410989.1
L3580.1	503581.9	5410990.0	41135.50000	273.74	0	48.851868	-86.951173	56348.70	56244.9	5.07	56353.77	56357.42969	56350.10883	56353.36719	503581.9	5410990.0
L3580.1	503581.9	5410991.0	41135.60156	273.22	0	48.851877	-86.951173	56349.07	56244.9	5.07	56354.14	56357.67578	56350.53266	56353.64844	503581.9	5410991.0
L3580.1	503581.9	5410991.0	41135.69922	272.32	0	48.851877	-86.951173	56349.75	56244.9	5.07	56354.82	56358.23047	56350.96508	56353.93359	503581.9	5410991.0
L3580.1	503582.0	5410991.8	41135.80078	272.85	0	48.851884	-86.951172	56349.82	56244.9	5.07	56354.90	56358.18750	56351.38327	56354.20313	503582.0	5410991.8
L3580.1	503582.0	5410992.6	41135.89844	272.54	0	48.851892	-86.951172	56350.98	56244.9	5.07	56356.05	56359.21094	56351.83021	56354.50000	503582.0	5410992.6
L3580.1	503582.0	5410993.4	41136.00000	271.45	0	48.851898	-86.951172	56350.95	56244.9	5.07	56356.02	56359.05469	56352.24683	56354.76563	503582.0	5410993.4
L3580.1	503582.0	5410993.4	41136.10156	271.15	0	48.851898	-86.951172	56351.71	56244.9	5.07	56356.79	56359.69922	56352.68597	56355.05078	503582.0	5410993.4
L3580.1	503582.0	5410994.2	41136.19922	268.19	0	48.851906	-86.951172	56351.97	56244.9	5.08	56357.04	56359.82422	56353.10957	56355.31641	503582.0	5410994.2
L3580.1	503582.0	5410995.1	41136.30078	267.99	0	48.851914	-86.951171	56352.53	56244.9	5.08	56357.61	56360.26953	56353.54231	56355.59375	503582.0	5410995.1

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L3580.1	503582.0	5410995.1	41136.39844	268.05	0	48.851914	-86.951171	56352.87	56244.9	5.08	56357.95	56360.48438	56353.96593	56355.85547	503582.0	5410995.1
L3580.1	503582.0	5410996.0	41136.39844	268.05	0	48.851922	-86.951171	56353.35	56244.9	5.08	56358.43	56360.83984	56354.39265	56356.12109	503582.0	5410996.0
L3580.1	503582.1	5410996.8	41136.60156	266.69	0	48.851929	-86.951171	56353.63	56244.9	5.09	56358.72	56361.00391	56354.80980	56356.37500	503582.1	5410996.8
L3580.1	503582.1	5410997.4	41136.69922	267.71	0	48.851934	-86.951170	56354.19	56244.9	5.09	56359.28	56361.43750	56355.23549	56356.63672	503582.1	5410997.4
L3580.1	503582.1	5410998.1	41136.80078	269.29	0	48.851941	-86.951170	56354.60	56244.9	5.09	56359.69	56361.71875	56355.65294	56356.88672	503582.1	5410998.1
L3580.1	503582.1	5410998.1	41136.89844	270.64	0	48.851941	-86.951170	56354.93	56244.9	5.10	56360.03	56361.93359	56356.06552	56357.12891	503582.1	5410998.1
L3580.1	503582.1	5410998.9	41137.00000	273.06	0	48.851948	-86.951170	56355.29	56244.9	5.10	56360.39	56362.16797	56356.47741	56357.37109	503582.1	5410998.9
L3580.1	503582.2	5410999.7	41137.10156	273.66	0	48.851955	-86.951170	56355.77	56244.9	5.10	56360.87	56362.51953	56356.89358	56357.61328	503582.2	5410999.7
L3580.1	503582.2	5410999.7	41137.19922	274.04	0	48.851955	-86.951170	56356.18	56244.9	5.11	56361.29	56362.81641	56357.30557	56357.85156	503582.2	5410999.7
L3580.1	503582.2	5411000.2	41137.30078	274.06	0	48.851960	-86.951169	56356.39	56244.9	5.11	56361.50	56362.89844	56357.70539	56358.07422	503582.2	5411000.2
L3580.1	503582.2	5411000.9	41137.39844	273.94	0	48.851966	-86.951169	56357.02	56244.9	5.11	56362.13	56363.40234	56358.12518	56358.31641	503582.2	5411000.9
L3580.1	503582.2	5411001.7	41137.50000	272.92	0	48.851974	-86.951169	56357.38	56244.9	5.11	56362.49	56363.63672	56358.52884	56358.53906	503582.2	5411001.7
L3580.1	503582.2	5411001.7	41137.60156	272.69	0	48.851974	-86.951169	56357.72	56244.9	5.12	56362.84	56363.86328	56358.92899	56358.75781	503582.2	5411001.7
L3580.1	503582.2	5411002.3	41137.69922	273.86	0	48.851979	-86.951169	56358.12	56244.9	5.12	56363.24	56364.13672	56359.32831	56358.97266	503582.2	5411002.3
L3580.1	503582.2	5411002.9	41137.80078	272.03	0	48.851984	-86.951169	56358.09	56244.9	5.12	56363.22	56363.99219	56359.69912	56359.16016	503582.2	5411002.9
L3580.1	503582.2	5411003.5	41137.89844	271.03	0	48.851990	-86.951169	56358.66	56244.9	5.13	56363.79	56364.43359	56360.09867	56359.37109	503582.2	5411003.5
L3580.1	503582.2	5411003.5	41138.00000	270.82	0	48.851990	-86.951169	56358.73	56244.9	5.13	56363.86	56364.37891	56360.46466	56359.55078	503582.2	5411003.5
L3580.1	503582.2	5411004.3	41138.10156	270.68	0	48.851997	-86.951169	56358.86	56244.9	5.13	56363.99	56364.38672	56360.82960	56359.72656	503582.2	5411004.3
L3580.1	503582.2	5411004.9	41138.19922	271.07	0	48.852002	-86.951169	56359.34	56244.9	5.13	56364.47	56364.74219	56361.20741	56359.91016	503582.2	5411004.9
L3580.1	503582.2	5411004.9	41138.30078	270.74	0	48.852002	-86.951169	56359.73	56244.9	5.13	56364.86	56365.00781	56361.57598	56360.08594	503582.2	5411004.9
L3580.1	503582.2	5411005.4	41138.39844	270.09	0	48.852007	-86.951169	56360.19	56244.9	5.13	56365.32	56365.33984	56361.94434	56360.26172	503582.2	5411005.4
L3580.1	503582.2	5411006.1	41138.39844	270.09	0	48.852013	-86.951168	56360.39	56244.9	5.13	56365.52	56365.41797	56362.30262	56360.42188	503582.2	5411006.1
L3580.1	503582.2	5411006.7	41138.60156	272.07	0	48.852018	-86.951168	56360.93	56244.9	5.13	56366.06	56365.83594	56362.67213	56360.59375	503582.2	5411006.7
L3580.1	503582.2	5411006.7	41138.69922	272.35	0	48.852018	-86.951168	56361.21	56244.9	5.13	56366.34	56365.99219	56363.03484	56360.75781	503582.2	5411006.7
L3580.1	503582.2	5411007.3	41138.80078	271.91	0	48.852023	-86.951168	56361.03	56244.9	5.13	56366.16	56365.68750	56363.39076	56360.91406	503582.2	5411007.3
L3580.1	503582.2	5411007.8	41138.89844	271.00	0	48.852028	-86.951168	56361.01	56244.9	5.13	56366.14	56365.54297	56363.75422	56361.07422	503582.2	5411007.8
L3580.1	503582.2	5411007.8	41139.00000	268.96	0	48.852028	-86.951168	56361.21	56244.9	5.13	56366.34	56365.62109	56364.12416	56361.24219	503582.2	5411007.8
L3580.1	503582.2	5411008.1	41139.10156	268.76	0	48.852031	-86.951168	56361.80	56244.9	5.13	56366.93	56366.08984	56364.50118	56361.41406	503582.2	5411008.1
L3580.1	503582.2	5411008.1	41139.19922	267.47	0	48.852031	-86.951168	56362.25	56244.9	5.13	56367.38	56366.41797	56364.87652	56361.58203	503582.2	5411008.1
L3580.1	503582.2	5411009.1	41139.30078	267.49	0	48.852039	-86.951169	56362.77	56244.9	5.13	56367.90	56366.81641	56365.25297	56361.75000	503582.2	5411009.1
L3580.1	503582.2	5411009.1	41139.39844	269.65	0	48.852039	-86.951169	56362.54	56244.9	5.13	56367.67	56366.46484	56365.61813	56361.91016	503582.2	5411009.1
L3580.1	503582.2	5411009.4	41139.50000	268.12	0	48.852043	-86.951169	56362.59	56244.9	5.13	56367.72	56366.39063	56365.98689	56362.06641	503582.2	5411009.4
L3580.1	503582.1	5411009.8	41139.60156	269.63	0	48.852046	-86.951170	56362.69	56244.9	5.13	56367.82	56366.37109	56366.35579	56362.22656	503582.1	5411009.8
L3580.1	503582.1	5411009.8	41139.69922	269.40	0	48.852046	-86.951170	56362.89	56244.9	5.13	56368.02	56366.44922	56366.72572	56362.38281	503582.1	5411009.8
L3580.1	503582.1	5411010.1	41139.80078	267.62	0	48.852049	-86.951170	56362.64	56244.9	5.13	56367.77	56366.07813	56367.08761	56362.53125	503582.1	5411010.1
L3580.1	503582.1	5411010.1	41139.89844	268.47	0	48.852049	-86.951170	56362.89	56244.9	5.13	56368.02	56366.20703	56367.45759	56362.68750	503582.1	5411010.1
L3580.1	503582.1	5411010.5	41140.00000	269.69	0	48.852052	-86.951170	56363.18	56244.9	5.13	56368.31	56366.37891	56367.82822	56362.84375	503582.1	5411010.5
L3580.1	503582.1	5411010.7	41140.10156	269.93	0	48.852054	-86.951170	56363.20	56244.9	5.13	56368.33	56366.27734	56368.19493	56362.99219	503582.1	5411010.7
L3580.1	503582.1	5411010.9	41140.19922	272.66	0	48.852056	-86.951170	56363.25	56244.9	5.13	56368.38	56366.21094	56368.56332	56363.14453	503582.1	5411010.9
L3580.1	503582.1	5411010.9	41140.30078	273.82	0	48.852056	-86.951170	56363.22	56244.9	5.14	56368.36	56366.07031	56368.93281	56363.29297	503582.1	5411010.9
L3580.1	503582.1	5411011.1	41140.39844	276.35	0	48.852058	-86.951171	56363.73	56244.9	5.14	56368.87	56366.46094	56369.31007	56363.45313	503582.1	5411011.1
L3580.1	503582.1	5411011.3	41140.39844	276.35	0	48.852059	-86.951171	56363.45	56244.9	5.14	56368.59	56366.06250	56369.68371	56363.60547	503582.1	5411011.3
L3580.1	503582.1	5411011.4	41140.60156	271.03	0	48.852060	-86.951171	56363.59	56244.9	5.14	56368.73	56366.08203	56370.06482	56363.76563	503582.1	5411011.4
L3580.1	503582.1	5411011.5	41140.69922	270.98	0	48.852061	-86.951171	56363.89	56244.9	5.14	56369.03	56366.26563	56370.44976	56363.92969	503582.1	5411011.5
L3580.1	503582.1	5411011.5	41140.80078	272.87	0	48.852061	-86.951171	56364.38	56244.9	5.15	56369.52	56366.63672	56370.83610	56364.09375	503582.1	5411011.5
L3580.1	503582.0	5411011.6	41140.89844	270.78	0	48.852062	-86.951171	56364.56	56244.9	5.15	56369.70	56366.69922	56371.22906	56364.26172	503582.0	5411011.6
L3580.1	503582.0	5411011.6	41141.00000	266.44	0	48.852062	-86.951171	56364.84	56244.8	5.15	56369.99	56366.87109	56371.62520	56364.43359	503582.0	5411011.6
L3580.1	503582.0	5411011.7	41141.10156	264.84	0	48.852063	-86.951171	56365.52	56244.8	5.15	56370.67	56367.43359	56372.01296	56364.59766	503582.0	5411011.7
L3580.1	503582.0	5411011.8	41141.19922	266.70	0	48.852064	-86.951171	56365.65	56244.8	5.15	56370.80	56367.44531	56372.42224	56364.78125	503582.0	5411011.8
L3580.1	503582.0	5411011.9	41141.30078	267.36	0	48.852065	-86.951172	56365.90	56244.8	5.15	56371.06	56367.58594	56372.83283	56364.96875	503582.0	5411011.9
L3580.1	503582.0	5411011.9	41141.39844	266.95	0	48.852065	-86.951172	56365.86	56244.8	5.15	56371.01	56367.42188	56373.26889	56365.17969	503582.0	5411011.9
L3580.1	503582.0	5411012.1	41141.50000	269.08	0	48.852067	-86.951172	56365.75	56244.8	5.16	56370.91	56367.20313	56373.72110	56365.40234	503582.0	5411012.1
L3580.1	503582.0	5411012.2	41141.60156	270.18	0	48.852068	-86.951172	56365.68	56244.8	5.16	56370.84	56367.01563	56374.18535	56365.64063	503582.0	5411012.2
L3580.1	503582.0	5411012.2	41141.69922	272.78	0	48.852068	-86.951172	56366.01	56244.8	5.16	56371.17	56367.23047	56374.02627	56365.25391	503582.0	5411012.2
L3580.1	503581.9	5411012.5	41141.80078	271.89	0	48.852070	-86.951172	56365.65	56244.8	5.16	56370.81	56366.75391	56374.33687	56365.33594	503581.9	5411012.5
L3580.1	503581.9	5411012.7	41141.89844	270.11	0	48.852072	-86.951172	56365.86	56244.8	5.16	56371.01	56366.83594	56374.76288	56365.53516	503581.9	5411012.7
L3580.1	503581.9	5411012.7	41142.00000	267.96	0	48.852072	-86.951172	56366.16	56244.8	5.16	56371.32	56367.03125	56375.21282	56365.75781	503581.9	5411012.7
L3580.1	503581.9	5411013.0	41142.10156	266.22	0	48.852075	-86.951172	56366.11	56244.8	5.16	56371.27	56366.86328	56375.60814	56365.92578	503581.9	5411013.0
L3580.1	503581.9	5411013.2	41142.19922	266.39	0	48.852077	-86.951172	56366.29	56244.8	5.16	56371.45	56366.92578	56376.04873	56366.13672	503581.9	5411013.2
L3580.1	503582.0	5411013.4	41142.30078	266.09	0	48.852079	-86.951172	56366.11	56244.8	5.15	56371.26	56366.62109	56376.44249	56366.30078	503582.0	5411013.4
L3580.1	503582.0	5411013.4	41142.39844	265.10	0	48.852079	-86.951172	56366.08	56244.8	5.15	56371.23	56366.47266	56376.87085	56366.50391	503582.0	5411013.4
L3620.0	503621.0	5411449.0	80196.00000	327.69	0	48.855997	-86.950636	56310.17	56248.6	1.41	56311.58	56319.37500	56366.43808	56379.37891	503621.0	5411449.0
L3620.0	503621.0	5411449.0	80196.10156	327.32	0	48.855996	-86.950636	56309.98	56248.6	1.41	56311.39	56319.19141	56362.04618	56375.12500	503621.0	5411449.0
L3620.0	503620.9	5411448.8	80196.20313	325.99	0	48.855995	-86.950637	56310.09	56248.6	1.41	56311.50	56319.30859	56365.36858	56378.58203	503620.9	5411448.8
L3620.0	503620.9	5411448.8	80196.29688	325.94	0	48.855995	-86.950637	56309.87	56248.6	1.41	56311.28	56319.09766	56361.23831	56374.58594	503620.9	5411448.8
L3620.0	503620.8	5411448.7	80196.39844	325.43	0	48.855994	-86.950638	56310.09	56248.6	1.41	56311.50	56319.32422	56367.31686	56380.80078	503620.8	5411448.7
L3620.0	503620.7	5411448.5	80196.50000	323.03	0	48.855992	-86.950640	56309.64	56248.6	1.41	56311.05	56318.88281	56358.65459	56372.27344	503620.7	5411448.5
L3620.0	503620.7	5411448.5	80196.60156	319.97	0	48.855992	-86.950640	56309.84	56248.6	1.41	56311.25	56319.08984	56364.59484	56378.34375	503620.7	5411448.5
L3620.0	503620.7	5411448.4	80196.70313	320.52	0	48.855991	-86.950640	56309.73	56248.6	1.41	56311.14	56318.98828	56363.98277	56377.86719	503620.7	5411448.4
L3620.0	503620.7	5411448.2	80196.79688	319.76	0	48.855990	-86.950641	56309.59	56248.6	1.41	56311.00	56318.85547	56363.01499	56377.03125	503620.7	5411448.2
L3620.0	503620.7	5411448.2	80196.89844	321.21	0	48.855990	-86.950641	56309.53	56248.6	1.41	56310.94	56318.80078	56364.00816	56378.15234	503620.7	5411448.2
L3620.0	503620.6	5411447.7	80197.00000	320.18	0	48.855985	-86.950642	56309.25	56248.6	1.41	56310.66	56318.52734	56360.71850	56374.99219	503620.6	5411447.7
L3620.0	503620.6	5411447.7	80197.10156	320.82	0	48.855985	-86.950642	56309.36	56248.6	1.41	56310.77	56318.64453	56365.73037	56380.12891	503620.6	5411447.7
L3620.0	503620.6	5411447.4	80197.20313	322.11	0	48.855983	-86.950642	56308.84	56248.6	1.41	56310.25	56318.13281	56358.16236	56372.68359	503620.6	5411447.4
L3620.0	503620.6	5411447.4	80197.29688	321.23	0	48.855983	-86.950642	56308.63	56248.6	1.41	56310.04	56317.92578	56357.21185	56371.85938	503620.6	5411447.4
L3620.0	503620.5	5411447.2	80197.39844	320.82	0	48.855981	-86.950642	56308.23	56248.6	1.41	56309.64	56317.53125	56352.72293	56367.48828	503620.5	5411447.2
L3620.0	503620.5	5411447.0	80197.50000	320.55	0	48.855978	-86.950643	56307.67	56248.6	1.40	56309.07	56316.96875	56345.12407	56360.00781	503620.5	5411447.0
L3620.0	503620.5	5411446.7	80197.60156	321.95	0	48.855976	-86.950643	56306.95	56248.6	1.40	56308.35	56316.25391	56334.81798	56349.81641	503620.5	5411446.7
L3620.0	503620.5	5411446.7	80197.70313	322.32	0	48.855976	-86.950643	56306.65	56248.6	1.40	56308.06	56315.96875	56333.35001	56348.46094	503620.5	5411446.7
L3620.0	503620.5	5411446.5	80197.70313	323.65	0	48.855974	-86.950643	56306.44	56248.6	1.40	56307.84	56315.75391	56333.50595	56348.72656	503620.5	5411446.5
L3620.0	503620.5	5411446.1	80197.89844	324.83	0	48.855971	-86.950643	56305.83	56248.6	1.40	56307.23	56315.14844	56326.10853	56341.43750	503620.5	5411446.1
L3620.0	503620.5	5411445.8	80198.00000	323.99	0	48.855968	-86.950643	56305.63	56248.6	1.40	56307.03	56314.95313	56327.09982	56342.53125	503620.5	5411445.8
L3620.0	503620.5	5411445.8	80198.10156	323.92	0	48.855968	-86.950643	56305.40	56248.6	1.40	56306.80	56314.72656	56327.70697	56343.23828	503620.5	5411445.8
L3620.0	503620.5	5411445.4	80198.20313	325.25	0	48.855964	-86.950643	56304.86	56248.6	1.40	56306.26	56314.18750	56322.31706	56337.94531	503620.5	5411445.4
L3620.0	503620.5	5411445.4	80198.29688	323.10	0	48.855964	-86.950643	56304.23	56248.6	1.40	56305.63	56313.55859	56315.30836	56331.03125	503620.5	5411445.4
L3620.0	503620.5	5411445.0	80198.39844	320.75	0	48.855961	-86.950642	56304.12	56248.6	1.40	56305.52	56313.45313	56318.92763	56334.74219	503620.5	5411445.0
L3620.0	503620.6	5411444.7	80198.50000	320.73	0	48.855959	-86.950642	56303.51	56248.6	1.40	56304.91	56312.84375	56312.69847	56328.59766	503620.6	5411444.7
L3620.0	503620.6	5411444.4	80198.60156	322.93	0	48.855956	-86.950641	56302.82	56248.6	1.40	56304.22	56312.15625	56305.04463	56321.02344	503620.6	5411444.4
L3620.0	503620.7	5411444.1	80198.70313	323.16	0	48.855953	-86.950641	56302.54	56248.6	1.40	56303.94	56311.87500	56305.84047	56321.89844	503620.7	5411444.1
L3620.0	503620.7	5411444.1	80198.79688	323.54	0	48.855953	-86.950641	56301.93	56248.6	1.40	56303.33	56311.26563	56300.18152	56316.31641	503620.7	5411444.1
L3620.0	503620.8	5411443.6	80198.89844	322.80	0	48.855948	-86.950639	56301.46	56248.6	1.40	56302.86	56310.79688	56297.53798	56313.74219	503620.8	5411443.6
L3620.0	503620.8	5411443.2	80199.00000	321.01	0	48.855944	-86.950638	56300.83	56248.6	1.40	56302.23	56310.16406	56291.85517	56308.12109	503620.8	5411443.2
L3620.0	503621.0	5411442.6	80199.10156	322.77	0	48.855939	-86.950636	56300.48	56248.6	1.40	56301.88	56309.81250	56292.01259	56308.33984	503621.0	5411442.6

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L3620.0	503621.1	5411442.3	80199.20313	323.81	0	48.855936	-86.950635	56299.85	56248.6	1.40	56301.25	56309.17969	56286.69241	56303.07813	503621.1	5411442.3
L3620.0	503621.1	5411442.3	80199.29688	322.00	0	48.855936	-86.950635	56299.76	56248.6	1.39	56301.15	56309.07813	56292.27778	56308.71484	503621.1	5411442.3
L3620.0	503621.2	5411441.6	80199.39844	322.11	0	48.855930	-86.950633	56299.20	56248.6	1.39	56300.59	56308.51563	56288.71883	56305.20313	503621.2	5411441.6
L3620.0	503621.3	5411441.2	80199.50000	321.35	0	48.855926	-86.950632	56299.04	56248.6	1.39	56300.43	56308.35156	56293.46545	56309.98828	503621.3	5411441.2
L3620.0	503621.3	5411441.2	80199.60156	321.81	0	48.855926	-86.950632	56299.01	56248.6	1.39	56300.40	56308.31641	56301.08605	56317.64844	503621.3	5411441.2
L3620.0	503621.5	5411440.4	80199.70313	322.52	0	48.855919	-86.950629	56298.54	56248.6	1.39	56299.92	56307.83203	56299.69509	56316.28906	503621.5	5411440.4
L3620.0	503621.7	5411439.7	80199.70313	321.49	0	48.855913	-86.950627	56298.09	56248.6	1.39	56299.48	56307.38672	56299.29249	56315.91797	503621.7	5411439.7
L3620.0	503621.7	5411439.3	80199.89844	322.26	0	48.855910	-86.950626	56297.20	56248.6	1.38	56298.58	56306.48047	56289.43961	56306.08594	503621.7	5411439.3
L3620.0	503621.7	5411439.3	80200.00000	321.24	0	48.855910	-86.950626	56296.67	56248.6	1.38	56298.05	56305.94141	56287.39186	56304.05469	503621.7	5411439.3
L3620.0	503621.8	5411438.7	80200.10156	321.37	0	48.855904	-86.950625	56296.21	56248.6	1.38	56297.59	56305.47266	56286.96061	56303.63281	503621.8	5411438.7
L3620.0	503621.8	5411438.7	80200.20313	321.53	0	48.855904	-86.950625	56295.24	56248.6	1.38	56296.62	56304.49609	56275.72972	56292.41016	503621.8	5411438.7
L3620.0	503621.9	5411437.9	80200.29688	323.25	0	48.855897	-86.950624	56294.55	56248.6	1.38	56295.93	56303.79688	56270.51774	56287.20313	503621.9	5411437.9
L3620.0	503622.0	5411437.2	80200.39844	325.92	0	48.855891	-86.950623	56294.40	56248.6	1.38	56295.78	56303.63672	56277.18288	56293.86328	503622.0	5411437.2
L3620.0	503622.0	5411436.7	80200.50000	326.25	0	48.855886	-86.950623	56294.34	56248.6	1.38	56295.73	56303.57422	56286.33350	56303.00391	503622.0	5411436.7
L3620.0	503622.0	5411436.2	80200.60156	326.84	0	48.855881	-86.950623	56293.68	56248.6	1.39	56295.07	56302.90234	56282.21296	56298.86719	503622.0	5411436.2
L3620.0	503622.0	5411436.2	80200.70313	326.42	0	48.855881	-86.950623	56293.29	56248.6	1.39	56294.68	56302.50000	56284.22754	56300.86328	503622.0	5411436.2
L3620.0	503622.0	5411435.6	80200.79688	325.55	0	48.855876	-86.950623	56292.89	56248.6	1.39	56294.28	56302.08984	56286.18251	56302.79688	503622.0	5411435.6
L3620.0	503622.0	5411435.0	80200.89844	327.05	0	48.855870	-86.950623	56292.58	56248.6	1.39	56293.97	56301.76563	56290.33226	56306.91406	503622.0	5411435.0
L3620.0	503621.9	5411434.3	80201.00000	328.84	0	48.855865	-86.950623	56292.40	56248.6	1.39	56293.79	56301.57031	56297.60087	56314.14453	503621.9	5411434.3
L3620.0	503621.9	5411434.3	80201.10156	329.37	0	48.855865	-86.950623	56292.21	56248.6	1.39	56293.60	56301.36328	56304.78647	56321.28906	503621.9	5411434.3
L3620.0	503621.9	5411433.8	80201.20313	329.92	0	48.855860	-86.950624	56291.56	56248.6	1.39	56292.95	56300.69922	56301.53825	56317.99609	503621.9	5411433.8
L3620.0	503621.9	5411432.8	80201.29688	328.02	0	48.855851	-86.950624	56290.82	56248.6	1.39	56292.21	56299.94141	56296.28740	56312.69531	503621.9	5411432.8
L3620.0	503621.9	5411432.8	80201.39844	328.02	0	48.855851	-86.950624	56290.63	56248.6	1.39	56292.01	56299.72266	56303.44898	56319.80078	503621.9	5411432.8
L3620.0	503621.8	5411432.1	80201.50000	327.47	0	48.855844	-86.950625	56290.18	56248.6	1.38	56291.56	56299.25781	56304.91268	56321.19922	503621.8	5411432.1
L3620.0	503621.8	5411431.3	80201.60156	327.60	0	48.855837	-86.950625	56289.86	56248.6	1.38	56291.24	56298.91797	56309.33330	56325.55078	503621.8	5411431.3
L3620.0	503621.8	5411431.3	80201.70313	328.16	0	48.855837	-86.950625	56288.96	56248.6	1.38	56290.34	56297.99609	56300.63437	56316.78125	503621.8	5411431.3
L3620.0	503621.8	5411430.3	80201.70313	326.02	0	48.855829	-86.950626	56288.73	56248.6	1.38	56290.11	56297.74609	56307.04809	56323.12109	503621.8	5411430.3
L3620.0	503621.8	5411429.6	80201.89844	323.54	0	48.855822	-86.950626	56288.17	56248.6	1.38	56289.55	56297.16406	56306.02335	56322.01172	503621.8	5411429.6
L3620.0	503621.7	5411428.8	80202.00000	323.82	0	48.855815	-86.950626	56287.61	56248.6	1.38	56288.99	56296.58203	56304.99327	56320.89453	503621.7	5411428.8
L3620.0	503621.7	5411428.8	80202.10156	323.32	0	48.855815	-86.950626	56287.38	56248.6	1.38	56288.76	56296.32813	56311.14140	56326.94922	503621.7	5411428.8
L3620.0	503621.7	5411427.7	80202.20313	321.54	0	48.855805	-86.950626	56286.02	56248.6	1.38	56287.40	56294.94531	56292.75770	56308.46875	503621.7	5411427.7
L3620.0	503621.7	5411426.8	80202.29688	321.84	0	48.855797	-86.950626	56284.90	56248.6	1.38	56286.28	56293.80078	56279.81691	56295.42969	503621.7	5411426.8
L3620.0	503621.7	5411426.8	80202.39844	323.08	0	48.855797	-86.950626	56284.64	56248.6	1.38	56286.03	56293.52344	56285.47933	56300.98438	503621.7	5411426.8
L3620.0	503621.7	5411425.9	80202.50000	322.82	0	48.855789	-86.950626	56284.12	56248.6	1.39	56285.51	56292.98047	56285.31426	56300.70313	503621.7	5411425.9
L3620.0	503621.8	5411424.9	80202.60156	322.75	0	48.855780	-86.950626	56283.22	56248.6	1.39	56284.60	56292.04297	56276.95092	56292.22266	503621.8	5411424.9
L3620.0	503621.8	5411424.9	80202.70313	322.51	0	48.855780	-86.950626	56282.48	56248.6	1.39	56283.86	56291.27344	56272.12033	56287.27344	503621.8	5411424.9
L3620.0	503621.8	5411423.8	80202.79688	322.35	0	48.855770	-86.950626	56282.06	56248.6	1.39	56283.45	56290.83594	56274.04213	56289.07422	503621.8	5411423.8
L3620.0	503621.8	5411422.9	80202.89844	321.54	0	48.855762	-86.950626	56281.36	56248.6	1.39	56282.75	56290.10547	56269.85467	56284.75781	503621.8	5411422.9
L3620.0	503621.8	5411422.1	80203.00000	322.01	0	48.855755	-86.950625	56280.54	56248.6	1.39	56281.93	56289.25781	56263.06408	56277.83203	503621.8	5411422.1
L3620.0	503621.8	5411422.1	80203.10156	321.26	0	48.855755	-86.950625	56279.70	56248.6	1.39	56281.09	56288.38672	56255.68586	56270.31250	503621.8	5411422.1
L3620.0	503621.8	5411421.2	80203.20313	322.62	0	48.855747	-86.950625	56278.93	56248.6	1.39	56280.31	56287.57422	56249.32357	56263.81250	503621.8	5411421.2
L3620.0	503621.8	5411420.2	80203.29688	322.48	0	48.855737	-86.950625	56278.45	56248.6	1.38	56279.83	56287.06250	56248.96349	56263.30859	503621.8	5411420.2
L3620.0	503621.8	5411420.2	80203.39844	319.64	0	48.855737	-86.950625	56277.81	56248.6	1.38	56279.19	56286.38672	56245.01580	56259.21094	503621.8	5411420.2
L3620.0	503621.8	5411419.3	80203.50000	319.74	0	48.855729	-86.950625	56277.30	56248.6	1.38	56278.68	56285.84375	56243.54751	56257.58594	503621.8	5411419.3
L3620.0	503621.8	5411418.0	80203.60156	321.19	0	48.855718	-86.950626	56276.79	56248.6	1.38	56278.16	56285.28906	56241.60968	56255.49219	503621.8	5411418.0
L3620.0	503621.8	5411417.0	80203.70313	322.92	0	48.855709	-86.950626	56275.95	56248.6	1.38	56277.32	56284.41406	56232.40912	56246.13281	503621.8	5411417.0
L3620.0	503621.8	5411417.0	80203.70313	323.18	0	48.855709	-86.950626	56275.20	56248.6	1.38	56276.58	56283.64063	56224.93974	56238.50000	503621.8	5411417.0
L3620.0	503621.8	5411415.8	80203.79688	337.81	0	48.855698	-86.950626	56274.67	56248.6	1.37	56276.04	56283.06250	56221.51260	56234.90625	503621.8	5411415.8
L3620.0	503621.7	5411414.8	80204.00000	324.38	0	48.855689	-86.950626	56274.21	56248.6	1.37	56275.58	56282.56641	56219.57065	56232.79297	503621.7	5411414.8
L3620.0	503621.7	5411414.8	80204.10156	324.84	0	48.855689	-86.950626	56273.83	56248.6	1.37	56275.20	56282.14844	56219.20056	56232.25000	503621.7	5411414.8
L3620.0	503621.7	5411413.8	80204.20313	323.99	0	48.855680	-86.950627	56272.98	56248.6	1.37	56274.35	56281.25781	56207.56104	56220.43750	503621.7	5411413.8
L3620.0	503621.7	5411412.8	80204.29688	323.34	0	48.855671	-86.950627	56272.37	56248.6	1.37	56273.73	56280.60156	56200.85035	56213.55078	503621.7	5411412.8
L3620.0	503621.7	5411412.8	80204.39844	331.91	0	48.855671	-86.950627	56271.96	56248.6	1.37	56273.33	56280.16016	56176.95760	56189.47656	503621.7	5411412.8
L3620.0	503621.7	5411411.2	80204.50000	333.90	0	48.855657	-86.950627	56271.52	56248.6	1.37	56272.88	56279.67188	56172.37189	56184.70703	503621.7	5411411.2
L3620.0	503621.6	5411410.2	80204.60156	333.92	0	48.855647	-86.950628	56270.94	56248.6	1.36	56272.30	56279.05078	56165.42011	56177.56641	503621.6	5411410.2
L3620.0	503621.6	5411410.2	80204.70313	334.15	0	48.855647	-86.950628	56270.44	56248.6	1.36	56271.80	56278.50781	56159.67081	56171.63281	503621.6	5411410.2
L3620.0	503621.6	5411408.8	80204.79688	334.30	0	48.855635	-86.950628	56269.82	56248.6	1.36	56271.18	56277.84766	56151.74524	56163.51953	503621.6	5411408.8
L3620.0	503621.6	5411407.7	80204.89844	334.29	0	48.855625	-86.950628	56269.57	56248.6	1.36	56270.93	56277.55469	56150.14906	56161.73047	503621.6	5411407.7
L3620.0	503621.6	5411407.1	80205.00000	321.69	0	48.855620	-86.950628	56269.18	56248.6	1.36	56270.54	56277.12109	56146.11101	56157.50000	503621.6	5411407.1
L3620.0	503621.6	5411406.0	80205.10156	320.80	0	48.855610	-86.950628	56268.93	56248.6	1.36	56270.28	56276.81641	56144.34934	56155.54297	503621.6	5411406.0
L3620.0	503621.6	5411406.0	80205.20313	321.48	0	48.855610	-86.950628	56268.57	56248.6	1.36	56269.93	56276.42188	56141.03097	56152.02734	503621.6	5411406.0
L3620.0	503621.6	5411404.6	80205.29688	321.67	0	48.855597	-86.950629	56268.14	56248.6	1.36	56269.50	56275.94922	56136.34328	56147.14453	503621.6	5411404.6
L3620.0	503621.5	5411403.4	80205.39844	334.87	0	48.855587	-86.950629	56267.77	56248.6	1.36	56269.13	56275.53516	56132.76472	56143.36719	503621.5	5411403.4
L3620.0	503621.5	5411403.4	80205.50000	333.91	0	48.855587	-86.950629	56267.27	56248.6	1.35	56268.63	56274.98828	56126.99356	56137.39453	503621.5	5411403.4
L3620.0	503621.5	5411402.3	80205.60156	320.17	0	48.855576	-86.950629	56266.96	56248.6	1.35	56268.31	56274.62109	56124.44059	56134.64063	503621.5	5411402.3
L3620.0	503621.5	5411401.2	80205.70313	320.65	0	48.855567	-86.950629	56266.94	56248.6	1.35	56268.29	56274.55469	56127.10388	56137.10547	503621.5	5411401.2
L3620.0	503621.5	5411401.2	80205.70313	332.23	0	48.855567	-86.950629	56266.70	56248.6	1.35	56268.06	56274.27734	56126.17555	56135.97656	503621.5	5411401.2
L3620.0	503621.5	5411399.9	80205.79688	331.40	0	48.855555	-86.950630	56266.32	56248.6	1.35	56267.68	56273.85156	56122.76140	56132.35938	503621.5	5411399.9
L3620.0	503621.5	5411398.8	80206.00000	332.70	0	48.855545	-86.950630	56266.45	56248.7	1.35	56267.79	56273.91406	56127.55491	56136.94922	503621.5	5411398.8
L3620.0	503621.5	5411398.8	80206.10156	332.38	0	48.855545	-86.950630	56266.20	56248.6	1.35	56267.55	56273.62891	56155.26351	56164.45313	503621.5	5411398.8
L3620.0	503621.5	5411397.5	80206.20313	316.46	0	48.855534	-86.950630	56266.20	56248.6	1.35	56267.56	56273.58984	56158.87179	56167.85938	503621.5	5411397.5
L3620.0	503621.5	5411396.3	80206.29688	318.59	0	48.855523	-86.950630	56266.22	56248.6	1.35	56267.57	56273.55078	56161.98410	56170.76953	503621.5	5411396.3
L3620.0	503621.5	5411395.2	80206.39844	335.90	0	48.855512	-86.950630	56266.20	56248.6	1.35	56267.55	56273.48047	56163.89437	56172.47656	503621.5	5411395.2
L3620.0	503621.5	5411395.2	80206.50000	323.43	0	48.855512	-86.950630	56266.22	56248.6	1.36	56267.57	56273.45313	56166.19399	56174.57422	503621.5	5411395.2
L3620.0	503621.5	5411393.9	80206.60156	322.84	0	48.855501	-86.950630	56266.04	56248.6	1.36	56267.40	56273.23438	56163.72645	56171.90234	503621.5	5411393.9
L3620.0	503621.5	5411393.9	80206.70313	322.79	0	48.855501	-86.950630	56266.07	56248.6	1.36	56267.42	56273.20313	56164.96224	56172.93750	503621.5	5411393.9
L3620.0	503621.5	5411392.8	80206.79688	322.33	0	48.855491	-86.950630	56266.02	56248.6	1.36	56267.38	56273.11719	56164.31854	56172.09766	503621.5	5411392.8
L3620.0	503621.5	5411391.6	80206.89844	322.07	0	48.855480	-86.950630	56266.14	56248.6	1.36	56267.50	56273.18750	56166.55215	56174.12891	503621.5	5411391.6
L3620.0	503621.5	5411390.5	80207.00000	334.18	0	48.855470	-86.950630	56266.16	56248.6	1.36	56267.52	56273.15625	56166.02941	56173.40625	503621.5	5411390.5
L3620.0	503621.5	5411390.5	80207.10156	335.07	0	48.855470	-86.950630	56266.27	56248.6	1.36	56267.63	56273.21484	56166.85294	56174.03125	503621.5	5411390.5
L3620.0	503621.5	5411388.8	80207.20313	319.30	0	48.855455	-86.950630	56266.40	56248.6	1.36	56267.76	56273.29688	56167.53175	56174.51563	503621.5	5411388.8
L3620.0	503621.5	5411387.5	80207.29688	319.91	0	48.855444	-86.950630	56266.63	56248.6	1.36	56267.99	56273.47656	56169.76290	56176.55078	503621.5	5411387.5
L3620.0	503621.5	5411387.5	80207.39844	319.51	0	48.855444	-86.950630	56266.68	56248.6	1.36	56268.04	56273.47656	56167.67386	56174.26953	503621.5	5411387.5
L3620.0	503621.4	5411386.1	80207.50000	319.05	0	48.855431	-86.950631	56266.92	56248.6	1.36	56268.28	56273.66406	56169.03224	56175.43359	503621.4	5411386.1
L3620.0	503621.5	5411384.8	80207.60156	320.59	0	48.855419	-86.950631	56267.24	56248.6	1.37	56268.60	56273.93359	56171.53430	56177.74219	503621.5	5411384.8
L3620.0	503621.5	5411384.8	80207.70313	319.60	0	48.855419	-86.950631	56267.42	56248.6	1.37	56268.79	56274.07422	56170.83626	56176.85547	503621.5	5411384.8
L3620.0	503621.5	5411383.3	80207.70313	339.53	0	48.855405	-86.950631	56267.76	56248.6	1.37	56269.13	56274.36328	56172.85147	56178.68359	503621.5	5411383.3
L3620.0	503621.4	5411382.1	80207.89844	318.69	0	48.855395	-86.950631	56268.08	56248.6	1.37	56269.45	56274.63281	56174.04063	56179.68750	503621.4	5411382.1
L3620.0	503621.4	5411382.1	80208.00000	320.45	0	48.855395	-86.950631	56268.54	56248.6	1.37	56269.91	56275.04297	56177.79282	56183.25391	503621.4	5411382.1
L3620.0	503621.4	5411381.0	80208.10156	338.49	0	48.855385	-86.950631	56268.96	56248.6	1.37	56270.33	56275.41406	56180.34416	56185.62109	503621.4	5411381.0
L3620.0	503621.4	5411379.9	80208.20313	322.05	0	48.855376	-86.950631	56269.31	56248.6	1.37	56270.68	56275.71484	56181.08034	56186.17969	503621.4	5411379.9
L3620.0	503621.4	5411378.6	80208.29688	320.86	0	48.855363	-86.950631	56269.87	56248.6	1.36	56271.23	56276.21484	56185.71313	56190.63281	503621.4	5411378.6
L3620.0	503621.4	5411377.3	80208.39844	320.65	0	48.855351	-86.950631	56270.21	56248.6	1.36	56271.57	56276.50391	56185.61969	56190.36328	503621.4	5411377.3

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L3620.0	503621.4	5411377.3	80208.50000	320.25	0	48.855351	-86.950631	56270.68	56248.6	1.36	56272.04	56276.92578	56187.98718	56192.55859	503621.4	5411377.3
L3620.0	503621.4	5411376.0	80208.60156	334.17	0	48.855340	-86.950631	56271.33	56248.6	1.36	56272.69	56277.52734	56193.86716	56198.26563	503621.4	5411376.0
L3620.0	503621.4	5411374.6	80208.70313	333.27	0	48.855327	-86.950631	56271.86	56248.6	1.36	56273.21	56277.99609	56196.74646	56200.97266	503621.4	5411374.6
L3620.0	503621.4	5411373.6	80208.79688	335.31	0	48.855318	-86.950631	56272.48	56248.6	1.35	56273.83	56278.56641	56201.44013	56205.50391	503621.4	5411373.6
L3620.0	503621.4	5411373.6	80208.89844	332.35	0	48.855318	-86.950631	56272.93	56248.6	1.35	56274.28	56278.96875	56202.32376	56206.22266	503621.4	5411373.6
L3620.0	503621.4	5411372.3	80209.00000	317.42	0	48.855307	-86.950631	56273.50	56248.7	1.35	56274.85	56279.49219	56205.38661	56209.12109	503621.4	5411372.3
L3620.0	503621.4	5411370.8	80209.10156	317.42	0	48.855293	-86.950631	56274.23	56248.7	1.35	56275.58	56280.17188	56211.37852	56214.95313	503621.4	5411370.8
L3620.0	503621.4	5411370.8	80209.20313	318.45	0	48.855293	-86.950631	56274.85	56248.7	1.35	56276.19	56280.73438	56214.55101	56217.96875	503621.4	5411370.8
L3620.0	503621.4	5411369.2	80209.29688	319.23	0	48.855279	-86.950632	56275.56	56248.7	1.34	56276.90	56281.39844	56219.35674	56222.62109	503621.4	5411369.2
L3620.0	503621.4	5411369.2	80209.39844	319.00	0	48.855279	-86.950632	56276.13	56248.7	1.34	56277.47	56281.91797	56220.95863	56224.07031	503621.4	5411369.2
L3620.0	503621.4	5411367.9	80209.39844	332.06	0	48.855268	-86.950632	56276.76	56248.7	1.34	56278.10	56282.50391	56223.36685	56226.32813	503621.4	5411367.9
L3620.0	503621.4	5411366.6	80209.60156	331.90	0	48.855255	-86.950632	56277.38	56248.7	1.34	56278.71	56283.06641	56224.97554	56227.78906	503621.4	5411366.6
L3620.0	503621.3	5411365.2	80209.70313	319.17	0	48.855243	-86.950632	56277.98	56248.7	1.34	56279.32	56283.62891	56226.17857	56228.84766	503621.3	5411365.2
L3620.0	503621.3	5411365.2	80209.70313	318.13	0	48.855243	-86.950632	56278.58	56248.7	1.34	56279.91	56284.17578	56226.57411	56229.10156	503621.3	5411365.2
L3620.0	503621.3	5411363.5	80209.79688	317.55	0	48.855228	-86.950632	56279.38	56248.7	1.33	56280.72	56284.93750	56230.99433	56233.38281	503621.3	5411363.5
L3620.0	503621.3	5411363.5	80209.89844	317.95	0	48.855228	-86.950632	56280.18	56248.7	1.33	56281.51	56285.68359	56234.68889	56236.94141	503621.3	5411363.5
L3620.0	503621.3	5411362.1	80210.00000	319.90	0	48.855215	-86.950632	56280.98	56248.7	1.33	56282.31	56286.43750	56238.30003	56240.41797	503621.3	5411362.1
L3620.0	503621.3	5411360.9	80210.20313	320.88	0	48.855204	-86.950632	56281.73	56248.7	1.33	56283.07	56287.15625	56240.82203	56242.80859	503621.3	5411360.9
L3620.0	503621.3	5411360.9	80210.20313	321.20	0	48.855204	-86.950632	56282.48	56248.7	1.33	56283.81	56287.85156	56242.67906	56244.53516	503621.3	5411360.9
L3620.0	503621.3	5411359.6	80210.39844	322.23	0	48.855193	-86.950632	56283.37	56248.7	1.34	56284.71	56288.70703	56247.81725	56249.55078	503621.3	5411359.6
L3620.0	503621.3	5411358.3	80210.50000	321.13	0	48.855180	-86.950633	56284.12	56248.7	1.34	56285.46	56289.41406	56249.54922	56251.16016	503621.3	5411358.3
L3620.0	503621.3	5411358.3	80210.60156	319.50	0	48.855180	-86.950633	56284.70	56248.7	1.34	56286.04	56289.95313	56247.20365	56248.69141	503621.3	5411358.3
L3620.0	503621.3	5411356.7	80210.70313	335.53	0	48.855166	-86.950633	56285.57	56248.7	1.34	56286.91	56290.78125	56251.34232	56252.71484	503621.3	5411356.7
L3620.0	503621.3	5411355.4	80210.79688	334.85	0	48.855155	-86.950633	56286.36	56248.7	1.35	56287.70	56291.53125	56241.52003	56242.77734	503621.3	5411355.4
L3620.0	503621.3	5411354.0	80210.89844	334.34	0	48.855142	-86.950632	56286.85	56248.7	1.35	56288.20	56291.98828	56239.41409	56240.55859	503621.3	5411354.0
L3620.0	503621.3	5411352.8	80211.00000	334.97	0	48.855131	-86.950632	56287.53	56248.7	1.35	56288.88	56292.62891	56240.24132	56241.27734	503621.3	5411352.8
L3620.0	503621.3	5411352.8	80211.10156	334.72	0	48.855131	-86.950632	56288.53	56248.7	1.35	56289.88	56293.58984	56246.73199	56247.66016	503621.3	5411352.8
L3620.0	503621.3	5411351.5	80211.20313	335.57	0	48.855120	-86.950632	56289.63	56248.7	1.35	56290.97	56294.64063	56255.08790	56255.91406	503621.3	5411351.5
L3620.0	503621.3	5411351.5	80211.29688	333.68	0	48.855120	-86.950632	56290.46	56248.7	1.34	56291.80	56295.43359	56258.89153	56259.61719	503621.3	5411351.5
L3620.0	503621.3	5411350.0	80211.39844	335.48	0	48.855106	-86.950632	56291.11	56248.7	1.34	56292.45	56296.04688	56259.36104	56259.98828	503621.3	5411350.0
L3620.0	503621.3	5411348.4	80211.50000	335.24	0	48.855091	-86.950632	56291.56	56248.7	1.34	56292.90	56296.45703	56255.92017	56256.45313	503621.3	5411348.4
L3620.0	503621.3	5411347.0	80211.60156	334.93	0	48.855079	-86.950632	56292.50	56248.7	1.34	56293.84	56297.36328	56261.94847	56262.38672	503621.3	5411347.0
L3620.0	503621.3	5411347.0	80211.70313	335.61	0	48.855079	-86.950632	56293.31	56248.7	1.34	56294.64	56298.12500	56265.32550	56265.67578	503621.3	5411347.0
L3620.0	503621.3	5411346.1	80211.70313	337.40	0	48.855071	-86.950632	56294.17	56248.7	1.34	56295.50	56298.94922	56269.95859	56270.21875	503621.3	5411346.1
L3620.0	503621.3	5411344.8	80211.89844	337.40	0	48.855060	-86.950632	56295.08	56248.7	1.33	56296.41	56299.82813	56275.66599	56275.84375	503621.3	5411344.8
L3620.0	503621.3	5411343.6	80212.00000	337.23	0	48.855049	-86.950632	56296.06	56248.7	1.33	56297.39	56300.77344	56282.86355	56282.95703	503621.3	5411343.6
L3620.0	503621.3	5411343.6	80212.10156	336.98	0	48.855049	-86.950632	56296.72	56248.7	1.33	56298.05	56301.39844	56283.49349	56283.50781	503621.3	5411343.6
L3620.0	503621.3	5411341.8	80212.20313	337.18	0	48.855033	-86.950632	56297.23	56248.7	1.33	56298.56	56301.87500	56280.96121	56280.89844	503621.3	5411341.8
L3620.0	503621.3	5411340.7	80212.29688	337.22	0	48.855022	-86.950632	56297.89	56248.7	1.33	56299.22	56302.50391	56281.49275	56281.35547	503621.3	5411340.7
L3620.0	503621.3	5411339.4	80212.39844	337.90	0	48.855011	-86.950632	56298.68	56248.7	1.33	56300.01	56303.26172	56284.70794	56284.50000	503621.3	5411339.4
L3620.0	503621.3	5411339.4	80212.50000	338.11	0	48.855011	-86.950632	56299.53	56248.7	1.32	56300.85	56304.07422	56288.94635	56288.66797	503621.3	5411339.4
L3620.0	503621.3	5411337.4	80212.60156	337.42	0	48.854993	-86.950633	56300.29	56248.7	1.32	56301.61	56304.80078	56291.48489	56291.14063	503621.3	5411337.4
L3620.0	503621.3	5411337.4	80212.70313	336.21	0	48.854993	-86.950633	56301.29	56248.7	1.32	56302.61	56305.77344	56299.01351	56298.60156	503621.3	5411337.4
L3620.0	503621.3	5411336.2	80212.79688	319.06	0	48.854982	-86.950633	56302.20	56248.7	1.32	56303.52	56306.65625	56304.62049	56304.14844	503621.3	5411336.2
L3620.0	503621.3	5411334.5	80212.89844	318.84	0	48.854967	-86.950633	56303.00	56248.7	1.32	56304.32	56307.42578	56307.89325	56307.35938	503621.3	5411334.5
L3620.0	503621.3	5411334.5	80213.00000	335.25	0	48.854967	-86.950633	56303.56	56248.7	1.32	56304.88	56307.96094	56306.15041	56305.56250	503621.3	5411334.5
L3620.0	503621.3	5411333.2	80213.10156	334.99	0	48.854955	-86.950633	56304.20	56248.7	1.32	56305.52	56308.57422	56306.06770	56305.42188	503621.3	5411333.2
L3620.0	503621.3	5411331.9	80213.20313	335.10	0	48.854943	-86.950633	56305.02	56248.7	1.33	56306.34	56309.36719	56309.69448	56308.99609	503621.3	5411331.9
L3620.0	503621.3	5411330.8	80213.29688	335.45	0	48.854934	-86.950633	56305.70	56248.7	1.33	56307.03	56310.03125	56310.63061	56309.88281	503621.3	5411330.8
L3620.0	503621.3	5411330.8	80213.39844	335.16	0	48.854934	-86.950633	56306.57	56248.7	1.33	56307.90	56310.87500	56315.24223	56314.44531	503621.3	5411330.8
L3620.0	503621.3	5411329.1	80213.50000	334.35	0	48.854918	-86.950633	56307.23	56248.7	1.33	56308.57	56311.52344	56315.76683	56314.92578	503621.3	5411329.1
L3620.0	503621.3	5411327.8	80213.60156	336.17	0	48.854906	-86.950633	56308.00	56248.7	1.34	56309.34	56312.26953	56318.32984	56317.44141	503621.3	5411327.8
L3620.0	503621.3	5411327.8	80213.70313	335.26	0	48.854906	-86.950633	56308.51	56248.7	1.34	56309.85	56312.75781	56315.68015	56314.75000	503621.3	5411327.8
L3620.0	503621.3	5411326.1	80213.70313	334.72	0	48.854891	-86.950633	56309.58	56248.7	1.34	56310.92	56313.80469	56324.27930	56323.31250	503621.3	5411326.1
L3620.0	503621.3	5411324.8	80213.79688	334.63	0	48.854879	-86.950633	56310.58	56248.7	1.34	56311.92	56314.78125	56331.45419	56330.44922	503621.3	5411324.8
L3620.0	503621.3	5411323.3	80214.00000	337.32	0	48.854866	-86.950634	56311.27	56248.7	1.35	56312.62	56315.46094	56332.68883	56331.64844	503621.3	5411323.3
L3620.0	503621.3	5411323.3	80214.10156	337.71	0	48.854866	-86.950634	56311.77	56248.7	1.35	56313.12	56315.94141	56330.03361	56328.96094	503621.3	5411323.3
L3620.0	503621.3	5411321.8	80214.20313	336.35	0	48.854853	-86.950634	56312.54	56248.7	1.35	56313.89	56316.69141	56332.78090	56331.67578	503621.3	5411321.8
L3620.0	503621.2	5411320.3	80214.29688	335.05	0	48.854839	-86.950634	56313.23	56248.7	1.35	56314.58	56317.36328	56334.01971	56332.88672	503621.2	5411320.3
L3620.0	503621.2	5411319.2	80214.39844	334.78	0	48.854829	-86.950634	56313.87	56248.7	1.35	56315.22	56317.98438	56334.35136	56333.19141	503621.2	5411319.2
L3620.0	503621.2	5411319.2	80214.50000	333.14	0	48.854829	-86.950634	56314.66	56248.7	1.35	56316.01	56318.75781	56337.71749	56336.53125	503621.2	5411319.2
L3620.0	503621.2	5411317.5	80214.60156	331.09	0	48.854814	-86.950634	56315.47	56248.7	1.34	56316.82	56319.55078	56341.57109	56340.35938	503621.2	5411317.5
L3620.0	503621.2	5411317.5	80214.70313	329.31	0	48.854814	-86.950634	56316.35	56248.7	1.34	56317.69	56320.40234	56346.71581	56345.48438	503621.2	5411317.5
L3620.0	503621.2	5411316.1	80214.79688	331.84	0	48.854801	-86.950634	56316.93	56248.7	1.34	56318.28	56320.97656	56346.43388	56345.18359	503621.2	5411316.1
L3620.0	503621.2	5411314.2	80214.89844	331.11	0	48.854784	-86.950634	56317.36	56248.7	1.34	56318.70	56321.38281	56342.86377	56341.59766	503621.2	5411314.2
L3620.0	503621.2	5411314.2	80215.00000	332.84	0	48.854784	-86.950634	56317.90	56248.7	1.34	56319.24	56321.91016	56341.75630	56340.47266	503621.2	5411314.2
L3620.0	503621.2	5411312.9	80215.10156	333.08	0	48.854773	-86.950634	56318.43	56248.7	1.34	56319.77	56322.42578	56340.53105	56339.23438	503621.2	5411312.9
L3620.0	503621.2	5411311.4	80215.20313	334.84	0	48.854759	-86.950634	56319.06	56248.7	1.34	56320.39	56323.03125	56341.20233	56339.89453	503621.2	5411311.4
L3620.0	503621.2	5411311.4	80215.29688	336.14	0	48.854759	-86.950634	56319.62	56248.7	1.34	56320.96	56323.58594	56340.96100	56339.64453	503621.2	5411311.4
L3620.0	503621.2	5411311.4	80215.39844	338.25	0	48.854759	-86.950634	56320.56	56248.7	1.34	56321.89	56324.50391	56348.14838	56346.82422	503621.2	5411311.4
L3620.0	503621.2	5411308.5	80215.50000	338.27	0	48.854733	-86.950634	56321.12	56248.7	1.34	56322.46	56325.06250	56348.13362	56346.80078	503621.2	5411308.5
L3620.0	503621.2	5411308.5	80215.60156	338.70	0	48.854733	-86.950634	56321.81	56248.7	1.34	56323.15	56325.74219	56350.68628	56349.35156	503621.2	5411308.5
L3620.0	503621.2	5411306.7	80215.70313	337.94	0	48.854717	-86.950634	56322.52	56248.7	1.34	56323.86	56326.44141	56353.77539	56352.43750	503621.2	5411306.7
L3620.0	503621.2	5411306.7	80215.70313	337.04	0	48.854717	-86.950634	56323.06	56248.7	1.34	56324.40	56326.96875	56353.45876	56352.11719	503621.2	5411306.7
L3620.0	503621.2	5411305.3	80215.79688	339.05	0	48.854704	-86.950634	56323.48	56248.7	1.34	56324.82	56327.37891	56350.73467	56349.39844	503621.2	5411305.3
L3620.0	503621.2	5411303.8	80216.00000	339.08	0	48.854691	-86.950634	56324.02	56248.7	1.34	56325.36	56327.91016	56350.60180	56349.26563	503621.2	5411303.8
L3620.0	503621.2	5411302.7	80216.10156	338.89	0	48.854680	-86.950634	56324.70	56248.7	1.34	56326.04	56328.58203	56353.50701	56352.17578	503621.2	5411302.7
L3620.0	503621.2	5411302.7	80216.20313	338.03	0	48.854680	-86.950634	56325.38	56248.7	1.34	56326.72	56329.25000	56356.52755	56355.20313	503621.2	5411302.7
L3620.0	503621.2	5411301.6	80216.29688	337.78	0	48.854671	-86.950634	56326.22	56248.7	1.35	56327.56	56330.08203	56363.02742	56361.71094	503621.2	5411301.6
L3620.0	503621.2	5411300.0	80216.39844	336.46	0	48.854657	-86.950634	56326.70	56248.7	1.35	56328.05	56330.56641	56362.26413	56360.95703	503621.2	5411300.0
L3620.0	503621.2	5411300.0	80216.50000	335.45	0	48.854657	-86.950634	56327.29	56248.7	1.35	56328.64	56331.14844	56363.71160	56362.41797	503621.2	5411300.0
L3620.0	503621.2	5411298.0	80216.60156	335.91	0	48.854639	-86.950634	56327.46	56248.6	1.35	56328.82	56331.32031	56356.64273	56355.35938	503621.2	5411298.0
L3620.0	503621.2	5411296.5	80216.70313	336.19	0	48.854625	-86.950634	56328.08	56248.6	1.35	56329.44	56331.93359	56358.95305	56357.68750	503621.2	5411296.5
L3620.0	503621.2	5411295.1	80216.79688	336.19	0	48.854612	-86.950634	56328.59	56248.6	1.36	56329.95	56332.43750	56359.07507	56357.82422	503621.2	5411295.1
L3620.0	503621.2	5411293.9	80216.89844	335.13	0	48.854601	-86.950634	56329.13	56248.6	1.36	56330.49	56332.96875	56359.95729	56358.72656	503621.2	5411293.9
L3620.0	503621.2	5411293.9	80217.00000	335.73	0	48.854601	-86.950634	56329.57	56248.6	1.36	56330.93	56333.40625	56358.88509	56357.67188	503621.2	5411293.9
L3620.0	503621.2	5411292.0	80217.10156	336.63	0	48.854584	-86.950634	56330.18	56248.6	1.36	56331.53	56334.00000	56361.29614	56360.10547	503621.2	5411292.0
L3620.0	503621.2	5411292.0	80217.20313	336.42	0	48.854584	-86.950634	56330.69	56248.6	1.35	56332.04	56334.50391	56361.96998	56360.80078	503621.2	5411292.0
L3620.0	503621.2	5411290.6	80217.29688	335.46	0	48.854571	-86.950634	56331.07	56248.6	1.35	56332.42	56334.87891	56360.08383	56358.93750	503621.2	5411290.6
L3620.0	503621.2	5411289.3	80217.39844	334.92	0	48.854560	-86.950634	56331.61	56248.7	1.35	56332.95	56335.40234	56361.46409	56360.34766	503621.2	5411289.3
L3620.0	503621.2	5411287.6	80217.50000	334.44	0	48.854545	-86.950634	56332.14	56248.7	1.35	56333.49	56335.93750	56363.19572	56362.10547	503621.2	5411287.6
L3620.0	503621.2	5411287.6	80217.60156	335.31	0	48.854545	-86.950634	56332.68	56248.7	1.34	56334.02	56336.46484	56364.86420	56363.80078	503621.2	5411287.6
L3620.0	503621.2	5411286.2	80217.70313	336.33	0	48.854532	-86.950634	56333.16	56248.7	1.34	56334.50	56336.93750	56365.64045	56364.60938	503621.2	5411286.2

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L3620.0	503621.2	5411284.8	80217.70313	335.14	0	48.854519	-86.950634	56333.80	56248.7	1.34	56335.14	56337.57422	56369.88274	56368.88281	503621.2	5411284.8
L3620.0	503621.3	5411283.4	80217.89844	334.85	0	48.854507	-86.950634	56334.18	56248.7	1.33	56335.52	56337.94922	56368.87219	56367.90625	503621.3	5411283.4
L3620.0	503621.3	5411283.4	80218.00000	336.11	0	48.854507	-86.950634	56334.59	56248.7	1.33	56335.92	56338.34766	56368.41676	56367.48438	503621.3	5411283.4
L3620.0	503621.3	5411281.8	80218.10156	336.47	0	48.854492	-86.950634	56334.85	56248.7	1.33	56336.18	56338.60156	56365.18876	56364.29297	503621.3	5411281.8
L3620.0	503621.3	5411280.2	80218.20313	338.47	0	48.854478	-86.950634	56335.20	56248.7	1.34	56336.54	56338.95703	56364.17139	56363.31250	503621.3	5411280.2
L3620.0	503621.3	5411280.2	80218.29688	338.57	0	48.854478	-86.950634	56335.69	56248.7	1.34	56337.03	56339.44531	56365.98921	56365.16797	503621.3	5411280.2
L3620.0	503621.3	5411279.0	80218.39844	339.50	0	48.854467	-86.950634	56336.07	56248.7	1.34	56337.42	56339.83203	56365.85725	56365.07813	503621.3	5411279.0
L3620.0	503621.3	5411277.7	80218.50000	337.88	0	48.854456	-86.950634	56336.66	56248.7	1.35	56338.01	56340.41797	56370.01351	56369.27734	503621.3	5411277.7
L3620.0	503621.3	5411276.2	80218.60156	336.08	0	48.854442	-86.950634	56337.12	56248.7	1.35	56338.47	56340.87500	56371.58850	56370.89453	503621.3	5411276.2
L3620.0	503621.3	5411276.2	80218.70313	335.77	0	48.854442	-86.950634	56337.53	56248.6	1.35	56338.88	56341.28125	56372.24197	56371.58984	503621.3	5411276.2
L3620.0	503621.3	5411274.8	80218.79688	335.76	0	48.854430	-86.950633	56337.63	56248.6	1.35	56338.98	56341.37500	56366.57211	56365.96484	503621.3	5411274.8
L3620.0	503621.3	5411273.5	80218.89844	336.15	0	48.854418	-86.950633	56338.19	56248.6	1.36	56339.55	56341.94141	56370.77493	56370.21484	503621.3	5411273.5
L3620.0	503621.3	5411272.2	80219.00000	334.91	0	48.854406	-86.950633	56338.66	56248.6	1.36	56340.02	56342.41016	56373.00099	56372.48828	503621.3	5411272.2
L3620.0	503621.3	5411272.2	80219.10156	337.01	0	48.854406	-86.950633	56338.98	56248.6	1.36	56340.33	56342.71484	56372.01982	56371.55469	503621.3	5411272.2
L3620.0	503621.4	5411270.7	80219.20313	335.24	0	48.854393	-86.950633	56339.39	56248.6	1.36	56340.75	56343.12891	56373.41266	56372.99609	503621.4	5411270.7
L3620.0	503621.4	5411269.2	80219.29688	336.32	0	48.854379	-86.950632	56339.70	56248.6	1.35	56341.05	56343.42578	56372.44499	56372.08203	503621.4	5411269.2
L3620.0	503621.4	5411269.2	80219.39844	335.85	0	48.854379	-86.950632	56340.08	56248.6	1.35	56341.43	56343.80078	56373.22393	56372.91016	503621.4	5411269.2
L3620.0	503621.4	5411267.6	80219.50000	336.87	0	48.854365	-86.950632	56340.18	56248.7	1.35	56341.53	56343.89844	56368.42296	56368.16406	503621.4	5411267.6
L3620.0	503621.4	5411266.3	80219.60156	337.38	0	48.854353	-86.950632	56340.71	56248.7	1.35	56342.06	56344.42188	56372.46500	56372.25781	503621.4	5411266.3
L3620.0	503621.4	5411266.3	80219.70313	336.36	0	48.854353	-86.950632	56340.84	56248.7	1.35	56342.19	56344.54688	56368.54385	56368.39063	503621.4	5411266.3
L3620.0	503621.4	5411264.7	80219.70313	333.98	0	48.854338	-86.950632	56341.13	56248.7	1.35	56342.47	56344.82422	56367.77803	56367.68359	503621.4	5411264.7
L3620.0	503621.5	5411262.5	80219.89844	334.39	0	48.854319	-86.950631	56341.45	56248.7	1.34	56342.79	56345.14063	56367.93509	56367.89453	503621.5	5411262.5
L3620.0	503621.5	5411262.5	80220.00000	334.29	0	48.854319	-86.950631	56341.84	56248.7	1.34	56343.18	56345.52344	56369.60175	56369.62109	503621.5	5411262.5
L3620.0	503621.5	5411261.5	80220.10156	335.00	0	48.854310	-86.950631	56342.09	56248.7	1.34	56343.43	56345.76953	56368.60935	56368.68750	503621.5	5411261.5
L3620.0	503621.5	5411260.4	80220.20313	334.08	0	48.854300	-86.950631	56342.25	56248.7	1.34	56343.59	56345.92188	56365.96787	56366.10547	503621.5	5411260.4
L3620.0	503621.5	5411258.8	80220.29688	332.27	0	48.854286	-86.950631	56342.38	56248.7	1.34	56343.72	56346.04688	56362.86607	56363.06250	503621.5	5411258.8
L3620.0	503621.5	5411258.8	80220.39844	331.02	0	48.854286	-86.950631	56342.73	56248.7	1.34	56344.08	56346.40234	56364.40943	56364.66797	503621.5	5411258.8
L3620.0	503621.5	5411257.2	80220.50000	331.75	0	48.854271	-86.950630	56342.96	56248.7	1.35	56344.31	56346.62500	56363.50947	56363.82813	503621.5	5411257.2
L3620.0	503621.6	5411255.8	80220.60156	330.33	0	48.854259	-86.950630	56343.02	56248.7	1.35	56344.36	56346.66797	56359.18420	56359.56641	503621.6	5411255.8
L3620.0	503621.6	5411255.8	80220.70313	331.52	0	48.854259	-86.950630	56343.34	56248.7	1.35	56344.69	56346.99219	56360.46517	56360.91016	503621.6	5411255.8
L3620.0	503621.6	5411254.4	80220.79688	331.62	0	48.854246	-86.950630	56343.88	56248.7	1.35	56345.23	56347.52344	56365.98909	56366.49609	503621.6	5411254.4
L3620.0	503621.6	5411252.9	80220.89844	332.52	0	48.854232	-86.950629	56344.06	56248.7	1.35	56345.41	56347.69531	56364.53178	56365.10547	503621.6	5411252.9
L3620.0	503621.6	5411252.9	80221.00000	332.70	0	48.854232	-86.950629	56344.41	56248.7	1.35	56345.76	56348.03906	56366.53335	56367.17188	503621.6	5411252.9
L3620.0	503621.6	5411251.2	80221.10156	334.26	0	48.854217	-86.950629	56344.80	56248.7	1.35	56346.15	56348.41797	56369.44156	56370.14453	503621.6	5411251.2
L3620.0	503621.7	5411249.4	80221.20313	334.46	0	48.854201	-86.950629	56344.98	56248.7	1.34	56346.32	56348.58203	56368.07837	56368.84766	503621.7	5411249.4
L3620.0	503621.7	5411248.3	80221.29688	335.06	0	48.854191	-86.950628	56345.13	56248.7	1.34	56346.47	56348.72266	56366.39462	56367.23438	503621.7	5411248.3
L3620.0	503621.7	5411248.3	80221.39844	336.09	0	48.854191	-86.950628	56345.34	56248.7	1.33	56346.67	56348.91406	56365.79010	56366.69922	503621.7	5411248.3
L3620.0	503621.7	5411246.8	80221.50000	335.95	0	48.854178	-86.950628	56345.48	56248.7	1.33	56346.81	56349.04297	56364.04836	56365.02344	503621.7	5411246.8
L3620.0	503621.7	5411245.3	80221.60156	335.84	0	48.854164	-86.950628	56345.79	56248.7	1.33	56347.12	56349.34375	56365.83128	56366.87500	503621.7	5411245.3
L3620.0	503621.7	5411245.3	80221.70313	336.55	0	48.854164	-86.950628	56346.18	56248.7	1.32	56347.50	56349.71094	56369.14461	56370.25781	503621.7	5411245.3
L3620.0	503621.8	5411243.8	80221.70313	336.18	0	48.854151	-86.950627	56346.23	56248.7	1.32	56347.55	56349.75000	56365.76895	56366.95313	503621.8	5411243.8
L3620.0	503621.8	5411242.8	80221.89844	335.65	0	48.854142	-86.950627	56346.43	56248.7	1.31	56347.75	56349.93750	56365.53114	56366.78906	503621.8	5411242.8
L3620.0	503621.8	5411242.8	80222.00000	332.93	0	48.854142	-86.950627	56346.56	56248.7	1.31	56347.87	56350.04688	56363.69096	56365.01953	503621.8	5411242.8
L3620.0	503621.8	5411241.3	80222.10156	333.99	0	48.854128	-86.950627	56347.02	56248.7	1.31	56348.33	56350.49609	56369.00259	56370.40234	503621.8	5411241.3
L3620.0	503621.8	5411240.0	80222.20313	334.67	0	48.854117	-86.950627	56347.05	56248.7	1.31	56348.36	56350.51172	56365.39579	56366.87109	503621.8	5411240.0
L3620.0	503621.8	5411238.6	80222.29688	334.42	0	48.854104	-86.950627	56347.42	56248.7	1.32	56348.74	56350.87891	56369.19133	56370.73828	503621.8	5411238.6
L3620.0	503621.8	5411238.6	80222.39844	335.94	0	48.854104	-86.950627	56347.58	56248.7	1.32	56348.90	56351.02734	56368.42216	56370.04297	503621.8	5411238.6
L3620.0	503621.8	5411237.0	80222.50000	337.82	0	48.854090	-86.950626	56347.81	56248.7	1.32	56349.13	56351.24219	56369.18719	56370.88281	503621.8	5411237.0
L3620.0	503621.9	5411235.6	80222.60156	336.39	0	48.854077	-86.950626	56348.04	56248.7	1.32	56349.36	56351.45703	56370.01192	56371.78125	503621.9	5411235.6
L3620.0	503621.9	5411234.3	80222.70313	337.31	0	48.854065	-86.950626	56348.04	56248.7	1.32	56349.37	56351.45313	56366.22093	56368.06641	503621.9	5411234.3
L3620.0	503621.9	5411232.7	80222.79688	336.60	0	48.854051	-86.950626	56348.45	56248.7	1.33	56349.77	56351.83984	56370.77557	56372.69922	503621.9	5411232.7
L3620.0	503621.9	5411232.7	80222.89844	337.12	0	48.854051	-86.950626	56348.42	56248.7	1.33	56349.75	56351.80469	56366.44903	56368.44922	503621.9	5411232.7
L3620.0	503621.9	5411230.8	80223.00000	338.59	0	48.854034	-86.950625	56348.55	56248.7	1.33	56349.88	56351.91797	56365.36998	56367.44922	503621.9	5411230.8
L3620.0	503621.9	5411229.5	80223.10156	338.30	0	48.854022	-86.950625	56348.70	56248.7	1.33	56350.03	56352.05078	56364.77165	56366.92578	503621.9	5411229.5
L3620.0	503621.9	5411229.5	80223.20313	336.99	0	48.854022	-86.950625	56349.01	56248.7	1.33	56350.34	56352.34375	56367.64769	56369.88281	503621.9	5411229.5
L3620.0	503622.0	5411228.4	80223.29688	336.20	0	48.854012	-86.950625	56348.98	56248.7	1.33	56350.31	56352.29688	56363.30462	56365.61719	503622.0	5411228.4
L3620.0	503622.0	5411227.0	80223.39844	335.90	0	48.854000	-86.950625	56349.12	56248.7	1.33	56350.45	56352.41797	56362.64740	56365.04297	503622.0	5411227.0
L3620.0	503622.0	5411225.8	80223.50000	335.89	0	48.853989	-86.950624	56349.34	56248.7	1.33	56350.67	56352.62109	56363.75358	56366.22656	503622.0	5411225.8
L3620.0	503622.0	5411224.6	80223.60156	336.79	0	48.853978	-86.950624	56349.57	56248.7	1.34	56350.91	56352.83984	56365.33744	56367.89453	503622.0	5411224.6
L3620.0	503622.0	5411224.6	80223.70313	338.74	0	48.853978	-86.950624	56349.90	56248.7	1.34	56351.24	56353.15234	56368.89656	56371.53516	503622.0	5411224.6
L3620.0	503622.0	5411223.1	80223.70313	339.09	0	48.853964	-86.950624	56350.06	56248.7	1.34	56351.39	56353.28125	56368.64242	56371.36328	503622.0	5411223.1
L3620.0	503622.1	5411221.7	80223.79688	338.70	0	48.853952	-86.950624	56350.19	56248.7	1.34	56351.53	56353.40234	56368.21718	56371.01953	503622.1	5411221.7
L3620.0	503622.1	5411220.1	80224.00000	338.15	0	48.853938	-86.950623	56350.11	56248.7	1.34	56351.45	56353.30078	56363.12869	56366.01563	503622.1	5411220.1
L3620.0	503622.1	5411220.1	80224.10156	337.46	0	48.853938	-86.950623	56350.54	56248.7	1.34	56351.88	56353.71094	56368.98794	56371.96094	503622.1	5411220.1
L3620.0	503622.1	5411218.2	80224.20313	337.23	0	48.853920	-86.950623	56350.64	56248.7	1.33	56351.98	56353.78906	56367.83125	56370.89063	503622.1	5411218.2
L3620.0	503622.1	5411217.1	80224.29688	336.84	0	48.853911	-86.950623	56350.62	56248.7	1.33	56351.95	56353.73828	56363.94920	56367.09375	503622.1	5411217.1
L3620.0	503622.1	5411217.1	80224.39844	336.73	0	48.853911	-86.950623	56350.74	56248.7	1.33	56352.07	56353.83594	56363.30791	56366.53906	503622.1	5411217.1
L3620.0	503622.1	5411215.4	80224.50000	338.60	0	48.853896	-86.950623	56350.85	56248.7	1.32	56352.17	56353.91406	56362.28380	56365.60547	503622.1	5411215.4
L3620.0	503622.1	5411214.2	80224.60156	337.93	0	48.853885	-86.950622	56351.11	56248.7	1.32	56352.43	56354.14844	56364.68332	56368.09375	503622.1	5411214.2
L3620.0	503622.2	5411213.0	80224.70313	337.05	0	48.853874	-86.950622	56351.36	56248.7	1.32	56352.68	56354.37500	56366.89446	56370.39453	503622.2	5411213.0
L3620.0	503622.2	5411211.7	80224.79688	336.06	0	48.853862	-86.950622	56351.71	56248.7	1.32	56353.03	56354.70313	56371.22638	56374.81641	503622.2	5411211.7
L3620.0	503622.2	5411211.7	80224.89844	337.31	0	48.853862	-86.950622	56351.71	56248.7	1.31	56353.03	56354.67969	56368.24065	56371.92578	503622.2	5411211.7
L3620.0	503622.2	5411209.8	80225.00000	336.24	0	48.853845	-86.950622	56351.69	56248.7	1.31	56353.00	56354.62500	56364.68506	56368.46094	503622.2	5411209.8
L3620.0	503622.2	5411208.5	80225.10156	336.58	0	48.853834	-86.950622	56351.77	56248.7	1.31	56353.08	56354.67969	56363.47458	56367.34375	503622.2	5411208.5
L3620.0	503622.2	5411208.5	80225.20313	334.14	0	48.853834	-86.950622	56352.15	56248.7	1.31	56353.46	56355.03516	56368.51326	56372.48047	503622.2	5411208.5
L3620.0	503622.2	5411206.8	80225.29688	334.35	0	48.853818	-86.950622	56352.22	56248.7	1.31	56353.53	56355.07813	56367.16017	56371.22266	503622.2	5411206.8
L3620.0	503622.2	5411205.2	80225.39844	334.88	0	48.853803	-86.950622	56352.41	56248.7	1.31	56353.72	56355.24219	56368.31547	56372.47656	503622.2	5411205.2
L3620.0	503622.2	5411205.2	80225.50000	335.90	0	48.853803	-86.950622	56352.66	56248.7	1.31	56353.97	56355.46484	56370.72459	56374.98438	503622.2	5411205.2
L3620.0	503622.2	5411203.9	80225.60156	334.03	0	48.853792	-86.950622	56352.87	56248.7	1.31	56354.18	56355.64844	56372.33751	56376.69531	503622.2	5411203.9
L3620.0	503622.2	5411202.5	80225.70313	335.47	0	48.853779	-86.950622	56353.02	56248.7	1.31	56354.33	56355.77344	56372.75757	56377.21875	503622.2	5411202.5
L3620.0	503622.2	5411202.5	80225.70313	333.80	0	48.853779	-86.950622	56352.96	56248.7	1.31	56354.27	56355.68750	56368.95700	56373.51953	503622.2	5411202.5
L3620.0	503622.2	5411200.1	80225.79688	335.21	0	48.853757	-86.950622	56353.02	56248.7	1.31	56354.33	56355.71875	56367.63837	56372.30469	503622.2	5411200.1
L3620.0	503622.2	5411200.1	80226.00000	334.80	0	48.853757	-86.950622	56353.15	56248.7	1.31	56354.46	56355.82031	56367.77418	56372.54688	503622.2	5411200.1
L3620.0	503622.2	5411198.9	80226.10156	334.82	0	48.853747	-86.950622	56353.45	56248.7	1.31	56354.76	56356.09375	56371.37259	56376.25391	503622.2	5411198.9
L3620.0	503622.2	5411198.9	80226.20313	333.32	0	48.853747	-86.950622	56353.61	56248.7	1.31	56354.92	56356.22266	56372.18183	56377.17188	503622.2	5411198.9
L3620.0	503622.2	5411197.3	80226.29688	333.43	0	48.853732	-86.950622	56353.91	56248.7	1.31	56355.22	56356.49609	56375.84719	56380.94922	503622.2	5411197.3
L3620.0	503622.2	5411196.1	80226.39844	331.21	0	48.853722	-86.950622	56353.86	56248.7	1.31	56355.17	56356.41406	56372.49991	56377.71094	503622.2	5411196.1
L3620.0	503622.2	5411195.1	80226.50000	331.81	0	48.853713	-86.950622	56353.93	56248.7	1.31	56355.25	56356.46484	56371.80532	56377.12891	503622.2	5411195.1
L3620.0	503622.2	5411195.1	80226.60156	333.48	0	48.853713	-86.950622	56353.84	56248.7	1.32	56355.15	56356.33594	56367.50858	56372.94922	503622.2	5411195.1
L3620.0	503622.2	5411193.6	80226.70313	335.30	0	48.853699	-86.950622	56354.02	56248.7	1.32	56355.33	56356.48828	56368.89237	56374.44922	503622.2	5411193.6
L3620.0	503622.2	5411192.3	80226.79688	333.67	0	48.853687	-86.950622	56354.19	56248.7	1.32	56355.51	56356.63672	56370.31085	56375.98828	503622.2	5411192.3
L3620.0	503622.2	5411192.3	80226.89844	334.28	0	48.853687	-86.950622	56354.34	56248.7	1.32	56355.66	56356.75781	56371.15471	56376.95313	503622.2	5411192.3
L3620.0	503622.2	5411190.7	80227.00000	333.96	0	48.853673	-86.950622	56354.60	56248.7	1.32	56355.92	56356.98828	56374.26922	56380.18750	503622.2	5411190.7

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L3620.0	503622.2	5411189.6	80227.10156	335.88	0	48.853663	-86.950622	56354.50	56248.7	1.32	56355.82	56356.85547	56370.07817	56376.12109	503622.2	5411189.6
L3620.0	503622.2	5411188.6	80227.20313	334.60	0	48.853654	-86.950622	56354.52	56248.7	1.32	56355.84	56356.84766	56368.34583	56374.51563	503622.2	5411188.6
L3620.0	503622.2	5411188.6	80227.29688	336.12	0	48.853654	-86.950622	56354.45	56248.7	1.32	56355.76	56356.73438	56364.57663	56370.87500	503622.2	5411188.6
L3620.0	503622.2	5411187.7	80227.39844	336.72	0	48.853646	-86.950622	56354.37	56248.7	1.32	56355.69	56356.63281	56361.01690	56367.44531	503622.2	5411187.7
L3620.0	503622.2	5411186.3	80227.50000	336.59	0	48.853633	-86.950622	56354.60	56248.7	1.32	56355.91	56356.82422	56363.44008	56370.00000	503622.2	5411186.3
L3620.0	503622.2	5411185.4	80227.60156	335.03	0	48.853626	-86.950623	56354.83	56248.7	1.31	56356.14	56357.01953	56366.10251	56372.79688	503622.2	5411185.4
L3620.0	503622.2	5411185.4	80227.70313	337.17	0	48.853626	-86.950623	56354.96	56248.7	1.31	56356.27	56357.12109	56366.72726	56373.55859	503622.2	5411185.4
L3620.0	503622.1	5411184.0	80227.70313	336.48	0	48.853613	-86.950623	56355.19	56248.7	1.31	56356.50	56357.31641	56369.44799	56376.41797	503622.1	5411184.0
L3620.0	503622.1	5411184.0	80227.79688	335.81	0	48.853613	-86.950623	56355.16	56248.7	1.31	56356.47	56357.25781	56366.79827	56373.90625	503622.1	5411184.0
L3620.0	503622.1	5411182.8	80228.00000	335.65	0	48.853602	-86.950623	56355.39	56248.7	1.31	56356.70	56357.45313	56369.56592	56376.81641	503622.1	5411182.8
L3620.0	503622.1	5411181.8	80228.10156	335.73	0	48.853593	-86.950623	56355.42	56248.7	1.31	56356.73	56357.45313	56368.19614	56375.59375	503622.1	5411181.8
L3620.0	503622.1	5411180.8	80228.20313	334.00	0	48.853584	-86.950624	56355.62	56248.7	1.31	56356.93	56357.62109	56370.38297	56377.92578	503622.1	5411180.8
L3620.0	503622.1	5411180.8	80228.29688	335.83	0	48.853584	-86.950624	56355.63	56248.7	1.31	56356.93	56357.58984	56368.42459	56376.11719	503622.1	5411180.8
L3620.0	503622.0	5411179.0	80228.39844	336.56	0	48.853568	-86.950624	56355.80	56248.7	1.31	56357.10	56357.72656	56370.02673	56377.87109	503622.0	5411179.0
L3620.0	503622.0	5411178.1	80228.50000	335.94	0	48.853560	-86.950624	56355.88	56248.7	1.31	56357.18	56357.77344	56369.77339	56377.77344	503622.0	5411178.1
L3620.0	503622.0	5411177.2	80228.60156	335.84	0	48.853551	-86.950625	56355.95	56248.7	1.30	56357.25	56357.81250	56369.33145	56377.48828	503622.0	5411177.2
L3620.0	503622.0	5411177.2	80228.70313	335.61	0	48.853551	-86.950625	56355.98	56248.7	1.30	56357.28	56357.80859	56368.07618	56376.39063	503622.0	5411177.2
L3620.0	503622.0	5411176.0	80228.79688	335.25	0	48.853541	-86.950625	56355.85	56248.7	1.30	56357.15	56357.64844	56363.50706	56371.98438	503622.0	5411176.0
L3620.0	503622.0	5411175.2	80228.89844	335.19	0	48.853534	-86.950625	56356.03	56248.7	1.30	56357.33	56357.79688	56365.41959	56374.05859	503622.0	5411175.2
L3620.0	503622.0	5411174.3	80229.00000	335.25	0	48.853525	-86.950626	56356.18	56248.7	1.30	56357.48	56357.91406	56366.72822	56375.53516	503622.0	5411174.3
L3620.0	503622.0	5411174.3	80229.10156	334.13	0	48.853525	-86.950626	56356.48	56248.7	1.30	56357.79	56358.19141	56371.39503	56380.37109	503622.0	5411174.3
L3620.0	503621.9	5411173.4	80229.20313	335.66	0	48.853517	-86.950626	56356.36	56248.7	1.30	56357.67	56358.03906	56367.11714	56376.26172	503621.9	5411173.4
L3620.0	503621.9	5411172.4	80229.29688	335.92	0	48.853509	-86.950626	56356.34	56248.7	1.31	56357.64	56357.97656	56364.73396	56374.05078	503621.9	5411172.4
L3620.0	503621.9	5411171.7	80229.39844	336.80	0	48.853502	-86.950626	56356.70	56248.7	1.31	56358.00	56358.30469	56370.51595	56380.01172	503621.9	5411171.7
L3620.0	503621.9	5411170.7	80229.50000	335.82	0	48.853493	-86.950627	56357.07	56248.7	1.31	56358.38	56358.65234	56376.74786	56386.42188	503621.9	5411170.7
L3620.0	503621.9	5411170.7	80229.60156	336.69	0	48.853493	-86.950627	56357.20	56248.7	1.31	56358.51	56358.75000	56377.77969	56387.63281	503621.9	5411170.7
L3620.0	503621.8	5411170.1	80229.70313	336.22	0	48.853487	-86.950627	56357.00	56248.7	1.31	56358.31	56358.51563	56371.91551	56381.95313	503621.8	5411170.1
L3620.0	503621.8	5411169.1	80229.70313	334.33	0	48.853479	-86.950627	56356.95	56248.7	1.31	56358.26	56358.43359	56369.20396	56379.42578	503621.8	5411169.1
L3620.0	503621.8	5411169.1	80229.79688	333.85	0	48.853479	-86.950627	56357.00	56248.7	1.32	56358.31	56358.45313	56368.60542	56379.01563	503621.8	5411169.1
L3620.0	503621.8	5411168.2	80230.00000	334.67	0	48.853471	-86.950628	56357.05	56248.7	1.32	56358.37	56358.48047	56368.23309	56378.83203	503621.8	5411168.2
L3620.0	503621.8	5411168.2	80230.10156	335.57	0	48.853471	-86.950628	56356.87	56248.7	1.32	56358.19	56358.26953	56362.81426	56373.60547	503621.8	5411168.2
L3620.0	503621.8	5411167.2	80230.20313	336.68	0	48.853461	-86.950628	56356.96	56248.7	1.32	56358.28	56358.32813	56363.09873	56374.08594	503621.8	5411167.2
L3620.0	503621.7	5411166.3	80230.29688	337.14	0	48.853453	-86.950628	56356.72	56248.7	1.32	56358.04	56358.05469	56356.41779	56367.60156	503621.7	5411166.3
L3620.0	503621.7	5411165.5	80230.39844	337.34	0	48.853446	-86.950629	56357.20	56248.7	1.32	56358.52	56358.50391	56364.98868	56376.37500	503621.7	5411165.5
L3620.0	503621.7	5411164.7	80230.50000	337.44	0	48.853439	-86.950629	56357.71	56248.7	1.32	56359.03	56358.98047	56374.23618	56385.82422	503621.7	5411164.7
L3620.0	503621.7	5411164.7	80230.60156	338.02	0	48.853439	-86.950629	56357.61	56248.7	1.31	56358.93	56358.84766	56370.56156	56382.35156	503621.7	5411164.7
L3620.0	503621.7	5411163.9	80230.60156	337.61	0	48.853432	-86.950629	56357.56	56248.7	1.31	56358.88	56358.76953	56367.95455	56379.95313	503621.7	5411163.9
L3620.0	503621.7	5411163.0	80230.79688	337.22	0	48.853424	-86.950629	56357.74	56248.7	1.31	56359.05	56358.90625	56370.04088	56382.25000	503621.7	5411163.0
L3620.0	503621.7	5411163.0	80230.89844	336.45	0	48.853424	-86.950629	56357.92	56248.7	1.31	56359.23	56359.05469	56372.35780	56384.77734	503621.7	5411163.0
L3620.0	503621.7	5411162.4	80231.00000	336.27	0	48.853418	-86.950630	56357.79	56248.7	1.31	56359.10	56358.89453	56368.07301	56380.70703	503621.7	5411162.4
L3620.0	503621.6	5411161.7	80231.10156	337.55	0	48.853412	-86.950630	56357.71	56248.7	1.31	56359.03	56358.79297	56365.07380	56377.92578	503621.6	5411161.7
L3620.0	503621.6	5411161.7	80231.20313	337.95	0	48.853412	-86.950630	56357.64	56248.7	1.32	56358.96	56358.69141	56362.08129	56375.15234	503621.6	5411161.7
L3620.0	503621.6	5411161.1	80231.29688	337.12	0	48.853407	-86.950630	56357.92	56248.7	1.32	56359.24	56358.94141	56366.58451	56379.87500	503621.6	5411161.1
L3620.0	503621.6	5411160.1	80231.39844	336.93	0	48.853398	-86.950631	56358.22	56248.7	1.32	56359.54	56359.21094	56371.53044	56385.04297	503621.6	5411160.1
L3620.0	503621.6	5411159.7	80231.50000	338.03	0	48.853394	-86.950631	56358.32	56248.7	1.32	56359.65	56359.28906	56372.42092	56386.16016	503621.6	5411159.7
L3620.0	503621.6	5411159.7	80231.60156	337.15	0	48.853394	-86.950631	56358.23	56248.7	1.33	56359.55	56359.15625	56368.82366	56382.78906	503621.6	5411159.7
L3620.0	503621.5	5411159.0	80231.70313	337.27	0	48.853388	-86.950631	56358.02	56248.7	1.33	56359.35	56358.92578	56363.09376	56377.28906	503621.5	5411159.0
L3620.0	503621.5	5411158.5	80231.70313	337.26	0	48.853383	-86.950632	56358.45	56248.7	1.33	56359.78	56359.32813	56370.85931	56385.28516	503621.5	5411158.5
L3620.0	503621.5	5411158.5	80231.79688	335.81	0	48.853383	-86.950632	56358.48	56248.7	1.33	56359.81	56359.32422	56370.06854	56384.73047	503621.5	5411158.5
L3620.0	503621.5	5411157.9	80232.00000	335.93	0	48.853378	-86.950632	56358.30	56248.7	1.34	56359.64	56359.12500	56365.00824	56379.90625	503621.5	5411157.9
L3620.0	503621.5	5411157.3	80232.10156	337.57	0	48.853373	-86.950632	56358.35	56248.7	1.34	56359.69	56359.14453	56364.66254	56379.79688	503621.5	5411157.3
L3620.0	503621.5	5411157.3	80232.20313	337.98	0	48.853373	-86.950632	56358.48	56248.7	1.34	56359.81	56359.23438	56365.81862	56381.19141	503621.5	5411157.3
L3620.0	503621.5	5411156.7	80232.29688	336.66	0	48.853367	-86.950632	56358.43	56248.7	1.33	56359.76	56359.15625	56363.35226	56378.96875	503621.5	5411156.7
L3620.0	503621.5	5411156.1	80232.39844	336.17	0	48.853362	-86.950632	56358.66	56248.7	1.33	56359.99	56359.35547	56366.86383	56382.72266	503621.5	5411156.1
L3620.0	503621.4	5411155.5	80232.50000	338.21	0	48.853357	-86.950633	56358.68	56248.7	1.33	56360.01	56359.34766	56365.90269	56382.00781	503621.4	5411155.5
L3620.0	503621.4	5411155.5	80232.60156	337.48	0	48.853357	-86.950633	56358.89	56248.7	1.33	56360.22	56359.52734	56368.99001	56385.33984	503621.4	5411155.5
L3620.0	503621.4	5411155.0	80232.70313	337.38	0	48.853352	-86.950633	56358.88	56248.7	1.33	56360.21	56359.48828	56367.40057	56384.00000	503621.4	5411155.0
L3620.0	503621.4	5411155.0	80232.79688	337.99	0	48.853352	-86.950633	56358.86	56248.7	1.32	56360.19	56359.43750	56365.60549	56382.45313	503621.4	5411155.0
L3620.0	503621.4	5411154.4	80232.89844	335.73	0	48.853347	-86.950633	56358.84	56248.7	1.32	56360.16	56359.37891	56363.60437	56380.70703	503621.4	5411154.4
L3620.0	503621.4	5411153.9	80233.00000	336.70	0	48.853342	-86.950633	56358.82	56248.7	1.32	56360.14	56359.32813	56361.82068	56379.17578	503621.4	5411153.9
L3620.0	503621.4	5411153.5	80233.10156	336.88	0	48.853339	-86.950633	56358.84	56248.7	1.32	56360.16	56359.32031	56360.88859	56378.50000	503621.4	5411153.5
L3620.0	503621.4	5411153.0	80233.20313	335.76	0	48.853334	-86.950633	56358.94	56248.7	1.32	56360.26	56359.39063	56361.65312	56379.51953	503621.4	5411153.0
L3620.0	503621.4	5411153.0	80233.29688	335.47	0	48.853334	-86.950633	56359.20	56248.7	1.32	56360.51	56359.60938	56365.59453	56383.71875	503621.4	5411153.0
L3620.0	503621.4	5411152.5	80233.39844	334.04	0	48.853330	-86.950634	56359.20	56248.7	1.32	56360.51	56359.58203	56364.24045	56382.62500	503621.4	5411152.5
L3620.0	503621.4	5411152.0	80233.50000	332.41	0	48.853325	-86.950634	56359.14	56248.7	1.31	56360.46	56359.50391	56361.82656	56380.46875	503621.4	5411152.0
L3620.0	503621.4	5411152.0	80233.60156	332.94	0	48.853325	-86.950634	56359.32	56248.7	1.31	56360.64	56359.65625	56364.28289	56383.18750	503621.4	5411152.0
L3620.0	503621.4	5411151.6	80233.70313	335.02	0	48.853322	-86.950634	56359.35	56248.7	1.31	56360.66	56359.64453	56363.34717	56382.51563	503621.4	5411151.6
L3620.0	503621.3	5411151.2	80233.70313	335.32	0	48.853318	-86.950634	56359.39	56248.7	1.31	56360.71	56359.66797	56363.04344	56382.47656	503621.3	5411151.2
L3620.0	503621.3	5411151.2	80233.79688	336.01	0	48.853318	-86.950634	56359.12	56248.7	1.31	56360.43	56359.35938	56355.73657	56375.43359	503621.3	5411151.2
L3620.0	503621.3	5411150.9	80234.00000	337.39	0	48.853315	-86.950634	56359.22	56248.7	1.31	56360.53	56359.42969	56356.48195	56376.44531	503621.3	5411150.9
L3620.0	503621.3	5411150.6	80234.10156	338.44	0	48.853312	-86.950634	56359.37	56248.7	1.31	56360.67	56359.54297	56358.07113	56378.30078	503621.3	5411150.6
L3620.0	503621.3	5411150.2	80234.20313	337.59	0	48.853309	-86.950634	56359.58	56248.7	1.31	56360.88	56359.72266	56361.13985	56381.63672	503621.3	5411150.2
L3620.0	503621.3	5411149.9	80234.29688	337.19	0	48.853306	-86.950634	56359.50	56248.7	1.30	56360.80	56359.61719	56358.04893	56378.81641	503621.3	5411149.9
L3620.0	503621.3	5411149.7	80234.39844	336.19	0	48.853304	-86.950634	56359.58	56248.7	1.30	56360.88	56359.66797	56358.34556	56379.38281	503621.3	5411149.7
L3620.0	503621.3	5411149.7	80234.50000	338.21	0	48.853304	-86.950634	56359.40	56248.7	1.30	56360.70	56359.46094	56353.12498	56374.42969	503621.3	5411149.7
L3620.0	503621.3	5411149.4	80234.60156	336.41	0	48.853302	-86.950634	56359.55	56248.7	1.30	56360.85	56359.58203	56354.89224	56376.46875	503621.3	5411149.4
L3620.0	503621.3	5411149.1	80234.70313	338.05	0	48.853299	-86.950634	56359.63	56248.7	1.30	56360.93	56359.63281	56355.16759	56377.01563	503621.3	5411149.1
L3620.0	503621.3	5411148.9	80234.79688	339.55	0	48.853297	-86.950634	56359.47	56248.7	1.29	56360.77	56359.44531	56350.36880	56372.48828	503621.3	5411148.9
L3620.0	503621.3	5411148.9	80234.89844	339.52	0	48.853297	-86.950634	56359.32	56248.7	1.29	56360.61	56359.25781	56345.57921	56367.96875	503621.3	5411148.9
L3620.0	503621.3	5411148.6	80235.00000	338.97	0	48.853294	-86.950634	56359.22	56248.7	1.29	56360.51	56359.12891	56342.06288	56364.72656	503621.3	5411148.6
L3620.0	503621.3	5411148.6	80235.10156	340.12	0	48.853294	-86.950634	56359.45	56248.7	1.29	56360.74	56359.33203	56345.47274	56368.41016	503621.3	5411148.6
L3620.0	503621.3	5411148.4	80235.20313	337.58	0	48.853293	-86.950634	56359.61	56248.7	1.29	56360.90	56359.46484	56347.39162	56370.60156	503621.3	5411148.4
L3620.0	503621.3	5411148.3	80235.29688	336.42	0	48.853291	-86.950634	56359.70	56248.7	1.30	56361.00	56359.53516	56348.03727	56371.51953	503621.3	5411148.3
L3620.0	503621.3	5411148.1	80235.39844	335.90	0	48.853290	-86.950634	56359.52	56248.7	1.30	56360.82	56359.32813	56342.84476	56366.60156	503621.3	5411148.1
L3630.0	503632.4	5410968.0	41165.50000	271.48	0	48.851670	-86.950485	56373.66	56244.8	5.20	56378.86	56366.46094	56381.12314	56365.27734	503632.4	5410968.0
L3630.0	503632.4	5410968.0	41165.60156	274.24	0	48.851670	-86.950485	56373.03	56244.8	5.20	56378.23	56366.00391	56380.60606	56364.89063	503632.4	5410968.0
L3630.0	503632.4	5410967.8	41165.69922	273.53	0	48.851668	-86.950484	56372.28	56244.8	5.20	56377.48	56365.42578	56380.08442	56364.50000	503632.4	5410967.8
L3630.0	503632.5	5410967.6	41165.80078	274.45	0	48.851666	-86.950484	56371.60	56244.8	5.20	56376.80	56364.92188	56379.56869	56364.11328	503632.5	5410967.6
L3630.0	503632.5	5410967.6	41165.89844	273.49	0	48.851666	-86.950484	56371.34	56244.8	5.20	56376.54	56364.83594	56379.07689	56363.75391	503632.5	5410967.6
L3630.0	503632.5	5410967.2	41166.00000	267.40	0	48.851663	-86.950483	56371.06	56244.8	5.20	56376.26	56364.72656	56378.58584	56363.39453	503632.5	5410967.2
L3630.0	503632.5	5410966.9	41166.10156	268.01	0	48.851660	-86.950483	56370.96	56244.8	5.20	56376.16	56364.80078	56378.10487	56363.04297	503632.5	5410966.9
L3630.0	503632.5	5410966.7	41166.19922	269.25	0	48.851658	-86.950483	56370.24	56244.8	5.20	56375.44	56364.25391	56377.59662	56362.66797	503632.5	5410966.7
L3630.0	503632.6	5410966.3	41166.30078	270.78	0	48.851655	-86.950483	56369.96	56244.8	5.20	56375.16	56364.14844	56377.11019	56362.31250	503632.6	5410966.3

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L3630.0	503632.5	5410966.0	41166.39844	271.57	0	48.851652	-86.950483	56369.32	56244.8	5.20	56374.52	56363.67969	56376.61033	56361.94531	503632.5	5410966.0
L3630.0	503632.5	5410966.0	41166.39844	271.57	0	48.851652	-86.950483	56369.22	56244.8	5.20	56374.42	56363.75391	56376.13184	56361.59766	503632.5	5410966.0
L3630.0	503632.5	5410965.6	41166.60156	272.39	0	48.851648	-86.950483	56368.79	56244.8	5.20	56373.99	56363.49609	56375.64093	56361.23828	503632.5	5410965.6
L3630.0	503632.5	5410965.1	41166.69922	270.79	0	48.851644	-86.950484	56368.58	56244.8	5.20	56373.78	56363.45703	56375.15682	56360.88281	503632.5	5410965.1
L3630.0	503632.5	5410965.1	41166.80078	271.87	0	48.851644	-86.950484	56367.90	56244.8	5.20	56373.10	56362.95313	56374.65840	56360.51563	503632.5	5410965.1
L3630.0	503632.4	5410964.6	41166.89844	272.00	0	48.851639	-86.950485	56367.46	56244.8	5.20	56372.66	56362.68359	56374.16691	56360.15625	503632.4	5410964.6
L3630.0	503632.3	5410964.2	41167.00000	272.56	0	48.851635	-86.950486	56366.55	56244.8	5.20	56371.75	56361.94531	56373.66207	56359.78125	503632.3	5410964.2
L3630.0	503632.2	5410963.7	41167.10156	272.78	0	48.851631	-86.950487	56365.93	56244.8	5.20	56371.13	56361.50000	56373.16372	56359.41797	503632.2	5410963.7
L3630.0	503632.2	5410963.7	41167.19922	270.41	0	48.851631	-86.950487	56365.70	56244.8	5.20	56370.90	56361.44141	56372.67495	56359.05859	503632.2	5410963.7
L3630.0	503632.1	5410963.3	41167.30078	269.47	0	48.851627	-86.950488	56365.46	56244.8	5.20	56370.67	56361.38281	56372.18641	56358.70313	503632.1	5410963.3
L3630.0	503632.0	5410962.7	41167.39844	269.19	0	48.851622	-86.950490	56365.17	56244.8	5.20	56370.37	56361.25391	56371.69647	56358.34375	503632.0	5410962.7
L3630.0	503631.9	5410962.1	41167.50000	268.86	0	48.851616	-86.950491	56364.63	56244.8	5.21	56369.84	56360.89453	56371.19767	56357.97656	503631.9	5410962.1
L3630.0	503631.9	5410962.1	41167.60156	268.99	0	48.851616	-86.950491	56364.29	56244.8	5.21	56369.50	56360.72656	56370.70786	56357.61719	503631.9	5410962.1
L3630.0	503631.8	5410961.5	41167.69922	269.86	0	48.851611	-86.950493	56363.82	56244.8	5.21	56369.02	56360.41797	56370.21193	56357.25000	503631.8	5410961.5
L3630.0	503631.7	5410960.8	41167.80078	270.61	0	48.851605	-86.950494	56363.20	56244.8	5.21	56368.41	56359.97656	56369.70805	56356.87891	503631.7	5410960.8
L3630.0	503631.7	5410960.8	41167.89844	269.07	0	48.851605	-86.950494	56362.64	56244.8	5.21	56367.85	56359.58984	56369.20694	56356.50781	503631.7	5410960.8
L3630.0	503631.7	5410960.1	41168.00000	269.17	0	48.851599	-86.950495	56362.95	56244.8	5.21	56368.15	56360.05859	56368.77290	56356.20703	503631.7	5410960.1
L3630.0	503631.6	5410959.5	41168.10156	270.97	0	48.851593	-86.950496	56363.15	56244.8	5.21	56368.36	56360.43750	56368.34092	56355.90625	503631.6	5410959.5
L3630.0	503631.6	5410959.5	41168.19922	273.81	0	48.851593	-86.950496	56363.00	56244.8	5.21	56368.20	56360.44531	56367.88318	56355.57813	503631.6	5410959.5
L3630.0	503631.6	5410958.9	41168.30078	273.32	0	48.851588	-86.950497	56362.43	56244.8	5.21	56367.64	56360.05469	56367.39163	56355.21875	503631.6	5410958.9
L3630.0	503631.5	5410958.3	41168.39844	275.48	0	48.851582	-86.950497	56361.88	56244.8	5.21	56367.08	56359.66406	56366.89952	56354.85547	503631.5	5410958.3
L3630.0	503631.5	5410957.7	41168.39844	275.48	0	48.851577	-86.950497	56361.82	56244.8	5.21	56367.03	56359.78516	56366.45083	56354.53906	503631.5	5410957.7
L3630.0	503631.5	5410957.7	41168.60156	277.02	0	48.851577	-86.950497	56361.82	56244.8	5.20	56367.02	56359.94141	56366.00115	56354.22266	503631.5	5410957.7
L3630.0	503631.5	5410957.1	41168.69922	276.31	0	48.851572	-86.950497	56361.32	56244.8	5.20	56366.52	56359.60938	56365.50709	56353.85938	503631.5	5410957.1
L3630.0	503631.6	5410956.5	41168.80078	275.60	0	48.851566	-86.950497	56360.54	56244.8	5.20	56365.74	56358.99609	56364.99216	56353.47266	503631.6	5410956.5
L3630.0	503631.6	5410956.5	41168.89844	274.66	0	48.851566	-86.950497	56360.24	56244.8	5.20	56365.44	56358.86328	56364.50752	56353.12109	503631.6	5410956.5
L3630.0	503631.6	5410955.7	41169.00000	271.93	0	48.851559	-86.950496	56359.96	56244.8	5.20	56365.16	56358.75000	56364.01709	56352.76172	503631.6	5410955.7
L3630.0	503631.6	5410955.2	41169.10156	273.51	0	48.851554	-86.950496	56358.86	56244.8	5.20	56364.06	56357.81641	56363.49586	56352.37109	503631.6	5410955.2
L3630.0	503631.6	5410954.5	41169.19922	273.84	0	48.851549	-86.950495	56358.40	56244.8	5.20	56363.60	56357.51953	56362.99972	56352.00391	503631.6	5410954.5
L3630.0	503631.7	5410953.8	41169.30078	272.95	0	48.851542	-86.950495	56358.14	56244.8	5.20	56363.34	56357.42578	56362.50061	56351.63672	503631.7	5410953.8
L3630.0	503631.7	5410953.8	41169.39844	270.76	0	48.851542	-86.950495	56357.82	56244.8	5.20	56363.02	56357.26953	56361.99402	56351.26172	503631.7	5410953.8
L3630.0	503631.7	5410952.9	41169.50000	267.61	0	48.851534	-86.950494	56357.33	56244.8	5.20	56362.53	56356.94141	56361.48782	56350.88672	503631.7	5410952.9
L3630.0	503631.8	5410952.2	41169.60156	265.59	0	48.851528	-86.950494	56357.05	56244.8	5.20	56362.25	56356.82422	56360.96967	56350.49609	503631.8	5410952.2
L3630.0	503631.8	5410952.2	41169.69922	263.08	0	48.851528	-86.950494	56356.57	56244.8	5.20	56361.77	56356.50781	56360.45993	56350.11719	503631.8	5410952.2
L3630.0	503631.8	5410951.3	41169.80078	264.03	0	48.851519	-86.950493	56356.44	56244.8	5.20	56361.64	56356.53906	56359.92061	56349.71094	503631.8	5410951.3
L3630.0	503631.8	5410950.5	41169.89844	264.78	0	48.851512	-86.950493	56356.00	56244.8	5.20	56361.20	56356.26172	56359.85469	56349.77344	503631.8	5410950.5
L3630.0	503631.9	5410949.6	41170.00000	263.99	0	48.851504	-86.950492	56355.32	56244.8	5.20	56360.52	56355.74219	56359.31380	56349.36328	503631.9	5410949.6
L3630.0	503631.9	5410948.7	41170.10156	263.24	0	48.851496	-86.950492	56354.78	56244.8	5.20	56359.98	56355.36328	56358.80380	56348.98438	503631.9	5410948.7
L3630.0	503631.9	5410948.7	41170.19922	263.27	0	48.851496	-86.950492	56353.68	56244.8	5.20	56358.89	56354.42969	56358.19935	56348.50781	503631.9	5410948.7
L3630.0	503631.9	5410948.0	41170.30078	263.40	0	48.851490	-86.950492	56352.96	56244.8	5.20	56358.17	56353.87109	56357.66462	56348.10547	503631.9	5410948.0
L3630.0	503631.9	5410947.2	41170.39844	264.80	0	48.851482	-86.950492	56352.13	56244.8	5.20	56357.33	56353.18750	56357.10895	56347.67578	503631.9	5410947.2
L3630.0	503631.9	5410946.4	41170.39844	264.80	0	48.851475	-86.950492	56351.79	56244.8	5.20	56357.00	56353.01563	56356.64649	56347.34375	503631.9	5410946.4
L3630.0	503631.9	5410946.4	41170.60156	265.64	0	48.851475	-86.950492	56351.21	56244.8	5.21	56356.41	56352.58203	56356.13655	56346.96484	503631.9	5410946.4
L3630.0	503632.0	5410945.5	41170.69922	264.90	0	48.851467	-86.950491	56350.64	56244.8	5.21	56355.85	56352.17578	56355.60281	56346.55859	503632.0	5410945.5
L3630.0	503632.0	5410944.5	41170.80078	266.32	0	48.851458	-86.950491	56350.23	56244.8	5.21	56355.44	56351.92188	56355.10470	56346.19141	503632.0	5410944.5
L3630.0	503632.0	5410943.6	41170.89844	265.64	0	48.851450	-86.950491	56349.82	56244.8	5.21	56355.03	56351.66406	56354.60930	56345.82422	503632.0	5410943.6
L3630.0	503632.0	5410942.7	41171.00000	269.38	0	48.851442	-86.950490	56349.55	56244.8	5.21	56354.76	56351.54688	56354.11140	56345.45313	503632.0	5410942.7
L3630.0	503632.0	5410942.7	41171.10156	272.00	0	48.851442	-86.950490	56349.12	56244.8	5.21	56354.33	56351.26953	56353.62408	56345.09766	503632.0	5410942.7
L3630.0	503632.1	5410941.8	41171.19922	271.77	0	48.851434	-86.950490	56348.53	56244.8	5.21	56353.74	56350.82813	56353.13860	56344.73828	503632.1	5410941.8
L3630.0	503632.1	5410940.9	41171.30078	272.07	0	48.851426	-86.950489	56347.84	56244.8	5.21	56353.05	56350.28906	56352.64786	56344.37500	503632.1	5410940.9
L3630.0	503632.1	5410940.9	41171.39844	272.20	0	48.851426	-86.950489	56347.68	56244.8	5.21	56352.89	56350.27734	56352.16305	56344.01953	503632.1	5410940.9
L3630.0	503632.1	5410939.6	41171.50000	272.36	0	48.851414	-86.950489	56347.33	56244.8	5.21	56352.54	56350.07813	56351.67741	56343.66016	503632.1	5410939.6
L3630.0	503632.1	5410938.9	41171.60156	271.69	0	48.851408	-86.950489	56346.74	56244.8	5.22	56351.95	56349.63281	56351.18214	56343.29297	503632.1	5410938.9
L3630.0	503632.1	5410938.1	41171.69922	275.45	0	48.851400	-86.950489	56346.43	56244.8	5.22	56351.65	56349.48047	56350.69708	56342.93359	503632.1	5410938.1
L3630.0	503632.2	5410937.1	41171.80078	275.50	0	48.851391	-86.950489	56345.59	56244.8	5.22	56350.81	56348.78516	56350.18453	56342.55078	503632.2	5410937.1
L3630.0	503632.2	5410937.1	41171.89844	275.56	0	48.851391	-86.950489	56344.88	56244.8	5.22	56350.10	56348.21875	56349.67562	56342.16797	503632.2	5410937.1
L3630.0	503632.2	5410936.2	41172.00000	274.02	0	48.851384	-86.950488	56343.86	56244.8	5.22	56349.08	56347.33984	56349.15042	56341.76953	503632.2	5410936.2
L3630.0	503632.2	5410935.2	41172.10156	275.65	0	48.851375	-86.950488	56343.57	56244.8	5.22	56348.80	56347.19922	56348.66179	56341.40625	503632.2	5410935.2
L3630.0	503632.2	5410934.3	41172.19922	275.42	0	48.851366	-86.950488	56343.19	56244.8	5.22	56348.42	56346.96094	56348.16715	56341.03516	503632.2	5410934.3
L3630.0	503632.2	5410933.3	41172.30078	274.28	0	48.851357	-86.950487	56343.06	56244.8	5.23	56348.29	56346.96875	56347.68031	56340.67578	503632.2	5410933.3
L3630.0	503632.2	5410933.3	41172.39844	269.11	0	48.851357	-86.950487	56342.10	56244.8	5.23	56347.33	56346.14844	56347.16292	56340.28125	503632.2	5410933.3
L3630.0	503632.3	5410932.3	41172.39844	269.11	0	48.851348	-86.950487	56341.64	56244.8	5.23	56346.87	56345.82422	56346.66350	56339.90625	503632.3	5410932.3
L3630.0	503632.3	5410931.4	41172.60156	265.75	0	48.851340	-86.950487	56341.33	56244.8	5.23	56346.56	56345.64844	56346.16559	56339.53125	503632.3	5410931.4
L3630.0	503632.3	5410930.4	41172.69922	266.33	0	48.851332	-86.950487	56340.28	56244.8	5.23	56345.51	56344.73438	56345.66028	56339.15234	503632.3	5410930.4
L3630.0	503632.3	5410929.7	41172.80078	264.71	0	48.851325	-86.950487	56339.77	56244.8	5.24	56345.01	56344.36328	56345.16320	56338.77734	503632.3	5410929.7
L3630.0	503632.3	5410928.8	41172.89844	265.52	0	48.851317	-86.950487	56338.82	56244.8	5.24	56344.06	56343.54688	56344.67199	56338.41016	503632.3	5410928.8
L3630.0	503632.3	5410928.8	41173.00000	266.40	0	48.851317	-86.950487	56338.81	56244.8	5.24	56344.04	56343.65625	56344.16930	56338.02734	503632.3	5410928.8
L3630.0	503632.3	5410927.8	41173.10156	268.51	0	48.851308	-86.950487	56337.55	56244.8	5.24	56342.79	56342.53516	56343.69438	56337.67578	503632.3	5410927.8
L3630.0	503632.3	5410926.8	41173.19922	270.71	0	48.851299	-86.950487	56337.22	56244.8	5.24	56342.46	56342.33203	56343.19723	56337.30078	503632.3	5410926.8
L3630.0	503632.3	5410925.8	41173.30078	271.38	0	48.851290	-86.950487	56336.20	56244.8	5.24	56341.44	56341.43750	56342.72551	56336.94922	503632.3	5410925.8
L3630.0	503632.3	5410924.7	41173.39844	270.81	0	48.851280	-86.950487	56335.79	56244.8	5.24	56341.03	56341.14844	56342.23006	56336.57422	503632.3	5410924.7
L3630.0	503632.3	5410924.7	41173.50000	270.27	0	48.851280	-86.950487	56335.39	56244.8	5.24	56340.63	56340.87109	56341.73224	56336.19531	503632.3	5410924.7
L3630.0	503632.3	5410923.9	41173.60156	268.11	0	48.851273	-86.950487	56334.67	56244.8	5.24	56339.91	56340.27344	56341.24752	56335.83203	503632.3	5410923.9
L3630.0	503632.3	5410922.8	41173.69922	267.74	0	48.851263	-86.950487	56334.34	56244.8	5.24	56339.58	56340.06250	56340.74340	56335.44531	503632.3	5410922.8
L3630.0	503632.3	5410921.8	41173.80078	268.67	0	48.851254	-86.950487	56333.82	56244.8	5.24	56339.06	56339.66016	56340.24651	56335.06641	503632.3	5410921.8
L3630.0	503632.3	5410920.5	41173.89844	267.23	0	48.851243	-86.950487	56334.28	56244.8	5.24	56339.52	56340.23438	56339.71461	56334.65234	503632.3	5410920.5
L3630.0	503632.3	5410920.5	41174.00000	268.86	0	48.851243	-86.950487	56333.63	56244.8	5.24	56338.86	56339.68750	56339.22619	56334.28125	503632.3	5410920.5
L3630.0	503632.2	5410919.5	41174.10156	269.41	0	48.851233	-86.950487	56333.04	56244.8	5.24	56338.28	56339.22266	56338.73451	56333.90625	503632.2	5410919.5
L3630.0	503632.3	5410918.6	41174.19922	268.58	0	48.851225	-86.950487	56332.06	56244.8	5.24	56337.31	56338.36328	56338.24860	56333.53516	503632.3	5410918.6
L3630.0	503632.3	5410917.6	41174.30078	269.15	0	48.851217	-86.950487	56331.81	56244.8	5.24	56337.05	56338.21094	56337.75113	56333.15234	503632.3	5410917.6
L3630.0	503632.3	5410916.5	41174.39844	268.68	0	48.851206	-86.950487	56331.30	56244.8	5.24	56336.54	56337.80859	56337.25886	56332.77344	503632.3	5410916.5
L3630.0	503632.3	5410916.5	41174.39844	268.68	0	48.851206	-86.950487	56330.38	56244.8	5.24	56335.62	56336.99609	56336.76762	56332.39844	503632.3	5410916.5
L3630.0	503632.3	5410915.1	41174.60156	269.63	0	48.851194	-86.950487	56329.72	56244.8	5.25	56334.96	56336.43750	56336.27578	56332.01953	503632.3	5410915.1
L3630.0	503632.3	5410915.1	41174.69922	269.93	0	48.851194	-86.950487	56329.08	56244.8	5.25	56334.33	56335.91016	56335.78481	56331.64063	503632.3	5410915.1
L3630.0	503632.3	5410914.0	41174.80078	271.11	0	48.851184	-86.950487	56328.77	56244.8	5.25	56334.02	56335.69922	56335.29835	56331.26563	503632.3	5410914.0
L3630.0	503632.3	5410912.8	41174.89844	272.24	0	48.851173	-86.950487	56327.93	56244.8	5.25	56333.18	56334.96094	56334.80779	56330.88281	503632.3	5410912.8
L3630.0	503632.3	5410911.7	41175.00000	271.19	0	48.851163	-86.950487	56327.88	56244.8	5.25	56333.13	56335.00391	56334.32922	56330.51563	503632.3	5410911.7
L3630.0	503632.3	5410911.7	41175.10156	271.78	0	48.851163	-86.950487	56327.09	56244.8	5.25	56332.34	56334.31250	56333.84214	56330.13672	503632.3	5410911.7
L3630.0	503632.3	5410910.6	41175.19922	273.16	0	48.851154	-86.950486	56326.52	56244.8	5.25	56331.77	56333.83203	56333.36023	56329.76563	503632.3	5410910.6
L3630.0	503632.3	5410909.2	41175.30078	272.83	0	48.851141	-86.950486	56325.23	56244.8	5.25	56330.47	56332.62500	56332.86893	56329.37891	503632.3	5410909.2
L3630.0	503632.3	5410909.2	41175.39844	272.70	0	48.851141	-86.950486	56324.84	56244.8	5.25	56330.09	56332.33203	56332.39588	56329.01563	503632.3	5410909.2
L3630.0	503632.4	5410907.9	41175.50000	269.09	0	48.851129	-86.950486	56324.26	56244.8	5.24	56329.50	56331.83203	56331.92310	56328.64844	503632.4	5410907.9
L3630.0	503632.4	5410907.9	41175.60156	269.67	0	48.851129	-86.950486	56323.92	56244.8	5.24	56329.16	56331.57422	56331.45695	56328.28516	503632.4	5410907.9

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L3630.0	503632.4	5410905.4	41175.69922	270.03	0	48.851107	-86.950486	56323.95	56244.8	5.24	56329.20	56331.69922	56330.99622	56327.92969	503632.4	5410905.4
L3630.0	503632.4	5410905.4	41175.80078	270.41	0	48.851107	-86.950486	56323.82	56244.8	5.24	56329.06	56331.64063	56330.53394	56327.57031	503632.4	5410905.4
L3630.0	503632.4	5410904.6	41175.89844	271.58	0	48.851099	-86.950486	56323.84	56244.8	5.24	56329.08	56331.73828	56330.07110	56327.20703	503632.4	5410904.6
L3630.0	503632.4	5410903.3	41176.00000	271.28	0	48.851087	-86.950486	56322.63	56244.8	5.24	56327.86	56330.59766	56329.61403	56326.85156	503632.4	5410903.3
L3630.0	503632.4	5410902.2	41176.10156	269.67	0	48.851077	-86.950486	56322.21	56244.8	5.24	56327.46	56330.27344	56329.15742	56326.49609	503632.4	5410902.2
L3630.0	503632.4	5410902.2	41176.19922	269.93	0	48.851077	-86.950486	56321.19	56244.8	5.24	56326.43	56329.31641	56328.71412	56326.15234	503632.4	5410902.2
L3630.0	503632.4	5410900.8	41176.30078	269.60	0	48.851065	-86.950486	56321.07	56244.8	5.25	56326.32	56329.27734	56328.25629	56325.79297	503632.4	5410900.8
L3630.0	503632.4	5410899.6	41176.39844	267.96	0	48.851054	-86.950486	56320.32	56244.8	5.25	56325.57	56328.59766	56327.81559	56325.44922	503632.4	5410899.6
L3630.0	503632.4	5410899.6	41176.39844	267.96	0	48.851054	-86.950486	56319.43	56244.8	5.25	56324.67	56327.76563	56327.38467	56325.11328	503632.4	5410899.6
L3630.0	503632.4	5410898.3	41176.60156	268.32	0	48.851042	-86.950486	56318.64	56244.7	5.25	56323.90	56327.05859	56326.95319	56324.77734	503632.4	5410898.3
L3630.0	503632.4	5410897.2	41176.69922	267.79	0	48.851032	-86.950486	56318.16	56244.7	5.25	56323.41	56326.63281	56326.51153	56324.42969	503632.4	5410897.2
L3630.0	503632.3	5410896.0	41176.80078	268.98	0	48.851022	-86.950486	56317.90	56244.7	5.26	56323.15	56326.43359	56326.05856	56324.06641	503632.3	5410896.0
L3630.0	503632.3	5410896.0	41176.89844	269.07	0	48.851022	-86.950486	56317.49	56244.7	5.26	56322.75	56326.09375	56325.61159	56323.71484	503632.3	5410896.0
L3630.0	503632.3	5410894.3	41177.00000	265.83	0	48.851006	-86.950486	56317.45	56244.7	5.26	56322.71	56326.10938	56325.14466	56323.33594	503632.3	5410894.3
L3630.0	503632.3	5410894.3	41177.10156	264.12	0	48.851006	-86.950486	56316.92	56244.7	5.26	56322.18	56325.63672	56324.70383	56322.98438	503632.3	5410894.3
L3630.0	503632.3	5410892.9	41177.19922	263.84	0	48.850994	-86.950487	56316.93	56244.7	5.26	56322.20	56325.70703	56324.23241	56322.60156	503632.3	5410892.9
L3630.0	503632.3	5410892.0	41177.30078	265.31	0	48.850986	-86.950487	56316.68	56244.7	5.26	56321.94	56325.50000	56323.77717	56322.23438	503632.3	5410892.0
L3630.0	503632.3	5410890.8	41177.39844	266.34	0	48.850975	-86.950487	56315.96	56244.7	5.26	56321.23	56324.83984	56323.34775	56321.89063	503632.3	5410890.8
L3630.0	503632.3	5410890.8	41177.50000	267.36	0	48.850975	-86.950487	56315.27	56244.7	5.26	56320.53	56324.18359	56322.91791	56321.54297	503632.3	5410890.8
L3630.0	503632.2	5410888.3	41177.60156	267.54	0	48.850952	-86.950488	56314.33	56244.7	5.27	56319.59	56323.28906	56322.50014	56321.21094	503632.2	5410888.3
L3630.0	503632.2	5410888.3	41177.69922	267.77	0	48.850952	-86.950488	56314.25	56244.7	5.27	56319.52	56323.26172	56322.03832	56320.83203	503632.2	5410888.3
L3630.0	503632.2	5410886.9	41177.80078	268.46	0	48.850940	-86.950488	56313.77	56244.7	5.27	56319.03	56322.81250	56321.59863	56320.47266	503632.2	5410886.9
L3630.0	503632.2	5410885.9	41177.89844	269.12	0	48.850931	-86.950488	56313.43	56244.7	5.27	56318.70	56322.52344	56321.15293	56320.10547	503632.2	5410885.9
L3630.0	503632.2	5410885.9	41178.00000	269.64	0	48.850931	-86.950488	56313.08	56244.7	5.27	56318.35	56322.21094	56320.71003	56319.74219	503632.2	5410885.9
L3630.0	503632.2	5410884.5	41178.10156	269.80	0	48.850919	-86.950489	56312.87	56244.7	5.27	56318.14	56322.03516	56320.26453	56319.37500	503632.2	5410884.5
L3630.0	503632.2	5410883.1	41178.19922	269.06	0	48.850906	-86.950489	56312.49	56244.7	5.27	56317.76	56321.68750	56319.82757	56319.01172	503632.2	5410883.1
L3630.0	503632.1	5410882.1	41178.30078	270.02	0	48.850897	-86.950489	56311.95	56244.7	5.27	56317.22	56321.17969	56319.39690	56318.65625	503632.1	5410882.1
L3630.0	503632.1	5410882.1	41178.39844	270.88	0	48.850897	-86.950489	56311.55	56244.7	5.27	56316.82	56320.80469	56318.96458	56318.29688	503632.1	5410882.1
L3630.0	503632.2	5410880.7	41178.39844	270.88	0	48.850884	-86.950489	56310.98	56244.7	5.27	56316.25	56320.26172	56318.53725	56317.94141	503632.2	5410880.7
L3630.0	503632.2	5410879.0	41178.60156	269.95	0	48.850869	-86.950489	56310.17	56244.7	5.27	56315.44	56319.48047	56318.11334	56317.58984	503632.2	5410879.0
L3630.0	503632.2	5410877.8	41178.69922	269.42	0	48.850859	-86.950489	56309.48	56244.7	5.27	56314.75	56318.81250	56317.68733	56317.23438	503632.2	5410877.8
L3630.0	503632.2	5410877.8	41178.80078	269.11	0	48.850859	-86.950489	56309.41	56244.7	5.27	56314.68	56318.76172	56317.25987	56316.87109	503632.2	5410877.8
L3630.0	503632.2	5410876.5	41178.89844	269.49	0	48.850846	-86.950489	56309.09	56244.7	5.27	56314.36	56318.46094	56316.83690	56316.51563	503632.2	5410876.5
L3630.0	503632.2	5410875.2	41179.00000	269.04	0	48.850834	-86.950488	56308.87	56244.7	5.27	56314.14	56318.25781	56316.41746	56316.16406	503632.2	5410875.2
L3630.0	503632.2	5410875.2	41179.10156	268.42	0	48.850834	-86.950488	56308.41	56244.7	5.27	56313.68	56317.81250	56315.99881	56315.80859	503632.2	5410875.2
L3630.0	503632.2	5410873.6	41179.19922	269.48	0	48.850821	-86.950488	56308.15	56244.7	5.27	56313.42	56317.56641	56315.58483	56315.45703	503632.2	5410873.6
L3630.0	503632.2	5410872.4	41179.30078	271.46	0	48.850810	-86.950488	56307.92	56244.7	5.27	56313.19	56317.34766	56315.17437	56315.10547	503632.2	5410872.4
L3630.0	503632.2	5410872.4	41179.39844	271.97	0	48.850810	-86.950488	56307.21	56244.7	5.27	56312.49	56316.66016	56314.75426	56314.74609	503632.2	5410872.4
L3630.0	503632.3	5410870.7	41179.39844	271.97	0	48.850795	-86.950488	56307.05	56244.7	5.27	56312.32	56316.49609	56314.35009	56314.40234	503632.3	5410870.7
L3630.0	503632.3	5410869.5	41179.60156	272.06	0	48.850783	-86.950487	56306.52	56244.7	5.28	56311.80	56315.98438	56313.93688	56314.04688	503632.3	5410869.5
L3630.0	503632.3	5410868.4	41179.69922	270.70	0	48.850773	-86.950487	56306.42	56244.7	5.28	56311.70	56315.88672	56313.54365	56313.70703	503632.3	5410868.4
L3630.0	503632.3	5410868.4	41179.80078	270.92	0	48.850773	-86.950487	56305.63	56244.7	5.28	56310.91	56315.10156	56313.12175	56313.33984	503632.3	5410868.4
L3630.0	503632.3	5410866.7	41179.89844	271.56	0	48.850758	-86.950487	56305.49	56244.7	5.28	56310.77	56314.96094	56312.73528	56313.00781	503632.3	5410866.7
L3630.0	503632.4	5410865.2	41180.00000	271.56	0	48.850745	-86.950486	56304.68	56244.7	5.28	56309.96	56314.15234	56312.31566	56312.63672	503632.4	5410865.2
L3630.0	503632.4	5410865.2	41180.00000	270.68	0	48.850745	-86.950486	56304.20	56244.7	5.28	56309.47	56313.66016	56311.91830	56312.28906	503632.4	5410865.2
L3630.0	503632.4	5410863.7	41180.19922	271.43	0	48.850732	-86.950486	56304.15	56244.7	5.28	56309.43	56313.61328	56311.55482	56311.97656	503632.4	5410863.7
L3630.0	503632.4	5410863.7	41180.30078	271.23	0	48.850732	-86.950486	56303.81	56244.7	5.28	56309.09	56313.26953	56311.17908	56311.64844	503632.4	5410863.7
L3630.0	503632.4	5410862.5	41180.39844	272.39	0	48.850721	-86.950486	56303.58	56244.7	5.28	56308.86	56313.03125	56310.81624	56311.33203	503632.4	5410862.5
L3630.0	503632.4	5410861.0	41180.39844	272.39	0	48.850707	-86.950486	56302.89	56244.7	5.28	56308.17	56312.33203	56310.43373	56310.99219	503632.4	5410861.0
L3630.0	503632.4	5410859.8	41180.60156	275.92	0	48.850696	-86.950486	56302.89	56244.7	5.27	56308.17	56312.32422	56310.09459	56310.69531	503632.4	5410859.8
L3630.0	503632.4	5410859.8	41180.69922	274.70	0	48.850696	-86.950486	56302.36	56244.7	5.27	56307.63	56311.76953	56309.73497	56310.37891	503632.4	5410859.8
L3630.0	503632.4	5410858.0	41180.80078	274.96	0	48.850680	-86.950486	56302.08	56244.7	5.27	56307.35	56311.47656	56309.39199	56310.07422	503632.4	5410858.0
L3630.0	503632.4	5410856.7	41180.89844	273.15	0	48.850668	-86.950486	56301.64	56244.7	5.27	56306.91	56311.02344	56309.04975	56309.77344	503632.4	5410856.7
L3630.0	503632.4	5410855.4	41181.00000	272.18	0	48.850657	-86.950486	56301.49	56244.7	5.27	56306.76	56310.85547	56308.71529	56309.47266	503632.4	5410855.4
L3630.0	503632.4	5410855.4	41181.10156	272.96	0	48.850657	-86.950486	56301.34	56244.7	5.27	56306.61	56310.69141	56308.37911	56309.17578	503632.4	5410855.4
L3630.0	503632.4	5410854.2	41181.19922	271.63	0	48.850646	-86.950486	56300.65	56244.7	5.28	56305.92	56309.98047	56308.05324	56308.88281	503632.4	5410854.2
L3630.0	503632.4	5410852.4	41181.30078	269.43	0	48.850630	-86.950486	56300.32	56244.7	5.28	56305.60	56309.64063	56307.72514	56308.58984	503632.4	5410852.4
L3630.0	503632.4	5410852.4	41181.39844	266.80	0	48.850630	-86.950486	56300.07	56244.7	5.28	56305.35	56309.36719	56307.39404	56308.28906	503632.4	5410852.4
L3630.0	503632.4	5410851.2	41181.50000	267.39	0	48.850619	-86.950486	56299.85	56244.7	5.29	56305.14	56309.13672	56307.05842	56307.98438	503632.4	5410851.2
L3630.0	503632.4	5410851.2	41181.60156	266.48	0	48.850619	-86.950486	56299.58	56244.7	5.29	56304.87	56308.84375	56306.72431	56307.67969	503632.4	5410851.2
L3630.0	503632.4	5410849.7	41181.69922	264.74	0	48.850605	-86.950487	56299.45	56244.7	5.29	56304.74	56308.68750	56306.37631	56307.35938	503632.4	5410849.7
L3630.0	503632.3	5410848.4	41181.80078	262.45	0	48.850593	-86.950487	56298.63	56244.7	5.29	56303.92	56307.83984	56305.48280	56306.49219	503632.3	5410848.4
L3630.0	503632.3	5410847.3	41181.89844	263.21	0	48.850584	-86.950487	56298.64	56244.7	5.30	56303.94	56307.83203	56305.20652	56306.24219	503632.3	5410847.3
L3630.0	503632.3	5410845.7	41182.00000	261.20	0	48.850570	-86.950487	56298.35	56244.7	5.30	56303.65	56307.51563	56304.86752	56305.92578	503632.3	5410845.7
L3630.0	503632.3	5410845.7	41182.10156	262.78	0	48.850570	-86.950487	56298.33	56244.7	5.30	56303.63	56307.46484	56304.57829	56305.66016	503632.3	5410845.7
L3630.0	503632.3	5410844.2	41182.19922	263.39	0	48.850556	-86.950487	56298.20	56244.7	5.30	56303.50	56307.30469	56304.26753	56305.37109	503632.3	5410844.2
L3630.0	503632.3	5410842.8	41182.30078	263.83	0	48.850543	-86.950487	56297.66	56244.7	5.30	56302.96	56306.73047	56303.87818	56305.00000	503632.3	5410842.8
L3630.0	503632.3	5410842.8	41182.39844	265.13	0	48.850543	-86.950487	56297.48	56244.7	5.30	56302.78	56306.51953	56303.55793	56304.69922	503632.3	5410842.8
L3630.0	503632.3	5410841.5	41182.39844	265.13	0	48.850532	-86.950487	56297.11	56244.7	5.30	56302.41	56306.11719	56303.65747	56304.81641	503632.3	5410841.5
L3630.0	503632.3	5410839.7	41182.60156	269.83	0	48.850516	-86.950487	56297.08	56244.7	5.30	56302.38	56306.05078	56303.29754	56304.47266	503632.3	5410839.7
L3630.0	503632.3	5410839.7	41182.69922	270.10	0	48.850516	-86.950487	56296.70	56244.7	5.30	56302.00	56305.63672	56302.96679	56304.15625	503632.3	5410839.7
L3630.0	503632.3	5410838.6	41182.80078	273.78	0	48.850505	-86.950487	56296.59	56244.7	5.30	56301.89	56305.48828	56302.62313	56303.82813	503632.3	5410838.6
L3630.0	503632.4	5410837.3	41182.89844	271.49	0	48.850494	-86.950487	56295.92	56244.7	5.30	56301.22	56304.78125	56302.30384	56303.52344	503632.4	5410837.3
L3630.0	503632.4	5410837.3	41183.00000	271.32	0	48.850494	-86.950487	56295.75	56244.7	5.30	56301.05	56304.57422	56301.96837	56303.19922	503632.4	5410837.3
L3630.0	503632.4	5410835.4	41183.10156	273.13	0	48.850476	-86.950486	56295.59	56244.7	5.30	56300.89	56304.37500	56301.63998	56302.87891	503632.4	5410835.4
L3630.0	503632.4	5410834.3	41183.19922	272.31	0	48.850467	-86.950486	56295.16	56244.7	5.30	56300.46	56303.90625	56301.31319	56302.56250	503632.4	5410834.3
L3630.0	503632.4	5410832.9	41183.30078	272.64	0	48.850455	-86.950486	56295.24	56244.7	5.29	56300.54	56303.94922	56301.00509	56302.26563	503632.4	5410832.9
L3630.0	503632.4	5410831.4	41183.39844	272.54	0	48.850441	-86.950486	56294.50	56244.7	5.29	56299.79	56303.15625	56300.66664	56301.93359	503632.4	5410831.4
L3630.0	503632.4	5410831.4	41183.50000	272.91	0	48.850441	-86.950486	56294.55	56244.7	5.29	56299.84	56303.16797	56300.37364	56301.64453	503632.4	5410831.4
L3630.0	503632.5	5410829.6	41183.60156	273.48	0	48.850425	-86.950485	56294.09	56244.7	5.29	56299.38	56302.66406	56300.05137	56301.32813	503632.5	5410829.6
L3630.0	503632.5	5410828.5	41183.69922	274.70	0	48.850415	-86.950485	56294.14	56244.7	5.29	56299.43	56302.67578	56299.77632	56301.05859	503632.5	5410828.5
L3630.0	503632.5	5410827.2	41183.80078	274.11	0	48.850403	-86.950485	56293.86	56244.7	5.28	56299.14	56302.34375	56299.47622	56300.76172	503632.5	5410827.2
L3630.0	503632.5	5410827.2	41183.89844	273.84	0	48.850403	-86.950485	56293.58	56244.7	5.28	56298.86	56302.01953	56299.18006	56300.46875	503632.5	5410827.2
L3630.0	503632.5	5410825.8	41184.00000	273.98	0	48.850390	-86.950484	56293.33	56244.7	5.28	56298.61	56301.72656	56298.89022	56300.17969	503632.5	5410825.8
L3630.0	503632.6	5410824.5	41184.10156	274.33	0	48.850378	-86.950484	56292.86	56244.7	5.28	56298.14	56301.21484	56298.57692	56299.86719	503632.6	5410824.5
L3630.0	503632.6	5410823.1	41184.19922	274.20	0	48.850366	-86.950483	56293.18	56244.7	5.28	56298.46	56301.48828	56298.36201	56299.65234	503632.6	5410823.1
L3630.0	503632.6	5410823.1	41184.30078	273.78	0	48.850366	-86.950483	56293.06	56244.7	5.28	56298.35	56301.33594	56298.09779	56299.38672	503632.6	5410823.1
L3630.0	503632.6	5410821.5	41184.39844	272.28	0	48.850352	-86.950483	56293.15	56244.7	5.28	56298.43	56301.37109	56297.85836	56299.14453	503632.6	5410821.5
L3630.0	503632.6	5410820.2	41184.39844	272.28	0	48.850340	-86.950483	56292.38	56244.7	5.28	56297.66	56300.55859	56297.51669	56298.79688	503632.6	5410820.2
L3630.0	503632.7	5410818.7	41184.60156	272.28	0	48.850326	-86.950483	56292.45	56244.7	5.29	56297.74	56300.59375	56297.27888	56298.55859	503632.7	5410818.7
L3630.0	503632.7	5410818.7	41184.69922	273.48	0	48.850326	-86.950483	56291.98	56244.7	5.29	56297.26	56300.07031	56296.97650	56298.25000	503632.7	5410818.7
L3630.0	503632.7	5410817.3	41184.80078	274.94	0	48.850314	-86.950483	56292.15	56244.7	5.29	56297.44	56300.20313	56296.74814	56298.01563	503632.7	5410817.3
L3630.0	503632.7	5410816.0	41184.89844	273.98	0	48.850302	-86.950482	56291.79	56244.7	5.29	56297.08	56299.80078	56296.46102	56297.72266	503632.7	5410816.0

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L3630.0	503632.7	5410814.6	41185.00000	272.96	0	48.850289	-86.950482	56291.62	56244.7	5.29	56296.91	56299.58594	56296.19344	56297.44922	503632.7	5410814.6
L3630.0	503632.7	5410813.5	41185.10156	271.84	0	48.850279	-86.950482	56291.36	56244.7	5.29	56296.65	56299.28125	56295.91742	56297.16406	503632.7	5410813.5
L3630.0	503632.7	5410813.5	41185.19922	273.93	0	48.850279	-86.950482	56290.88	56244.7	5.29	56296.17	56298.75391	56295.62678	56296.86328	503632.7	5410813.5
L3630.0	503632.7	5410811.9	41185.30078	273.10	0	48.850265	-86.950482	56291.00	56244.7	5.29	56296.29	56298.83203	56295.37546	56296.60547	503632.7	5410811.9
L3630.0	503632.7	5410811.9	41185.39844	271.97	0	48.850265	-86.950482	56290.70	56244.7	5.29	56295.99	56298.48828	56295.09682	56296.31641	503632.7	5410811.9
L3630.0	503632.8	5410810.3	41185.50000	272.39	0	48.850251	-86.950481	56291.18	56244.7	5.30	56296.48	56298.93359	56294.83810	56296.04688	503632.8	5410810.3
L3630.0	503632.8	5410810.3	41185.60156	271.47	0	48.850251	-86.950481	56290.72	56244.7	5.30	56296.02	56298.42969	56294.54890	56295.74609	503632.8	5410810.3
L3630.0	503632.8	5410808.5	41185.69922	269.58	0	48.850235	-86.950481	56290.93	56244.7	5.30	56296.22	56298.58594	56294.25911	56295.44531	503632.8	5410808.5
L3630.0	503632.8	5410807.0	41185.80078	269.10	0	48.850222	-86.950481	56290.66	56244.7	5.30	56295.96	56298.28125	56293.96852	56295.14453	503632.8	5410807.0
L3630.0	503632.8	5410805.8	41185.89844	269.20	0	48.850210	-86.950480	56290.42	56244.7	5.30	56295.72	56297.99609	56293.67960	56294.83984	503632.8	5410805.8
L3630.0	503632.9	5410803.9	41186.00000	269.23	0	48.850193	-86.950480	56290.31	56244.7	5.30	56295.61	56297.84375	56293.38488	56294.53516	503632.9	5410803.9
L3630.0	503632.9	5410803.9	41186.10156	270.02	0	48.850193	-86.950480	56289.61	56244.7	5.30	56294.90	56297.08984	56293.14130	56294.27734	503632.9	5410803.9
L3630.0	503632.9	5410802.8	41186.19922	269.37	0	48.850184	-86.950480	56290.08	56244.7	5.30	56295.37	56297.51953	56292.59774	56293.71875	503632.9	5410802.8
L3630.0	503632.9	5410801.5	41186.30078	269.79	0	48.850172	-86.950480	56289.54	56244.7	5.29	56294.84	56296.94531	56292.24303	56293.35156	503632.9	5410801.5
L3630.0	503632.9	5410800.1	41186.39844	267.88	0	48.850159	-86.950480	56289.86	56244.7	5.29	56295.15	56297.21484	56292.04825	56293.14063	503632.9	5410800.1
L3630.0	503632.9	5410800.1	41186.39844	267.88	0	48.850159	-86.950480	56288.88	56244.7	5.29	56294.18	56296.20313	56291.63574	56292.71094	503632.9	5410800.1
L3630.0	503632.9	5410798.5	41186.60156	260.88	0	48.850145	-86.950479	56289.34	56244.7	5.29	56294.63	56296.61328	56291.47682	56292.53906	503632.9	5410798.5
L3630.0	503633.0	5410797.3	41186.69922	260.17	0	48.850134	-86.950479	56288.88	56244.7	5.29	56294.17	56296.10938	56291.17262	56292.21875	503633.0	5410797.3
L3630.0	503633.0	5410795.9	41186.80078	259.54	0	48.850122	-86.950479	56289.22	56244.7	5.28	56294.51	56296.41016	56291.01348	56292.04297	503633.0	5410795.9
L3630.0	503633.0	5410795.9	41186.89844	259.32	0	48.850122	-86.950479	56289.04	56244.7	5.28	56294.32	56296.17969	56290.77605	56291.78906	503633.0	5410795.9
L3630.0	503633.0	5410794.5	41187.00000	260.16	0	48.850109	-86.950478	56288.81	56244.7	5.28	56294.09	56295.91406	56290.54250	56291.53906	503633.0	5410794.5
L3630.0	503633.0	5410793.1	41187.10156	262.69	0	48.850096	-86.950478	56288.93	56244.7	5.28	56294.21	56295.99219	56290.38504	56291.36328	503633.0	5410793.1
L3630.0	503633.0	5410792.4	41187.19922	264.06	0	48.850090	-86.950478	56288.45	56244.7	5.28	56293.73	56295.47656	56290.12569	56291.08594	503633.0	5410792.4
L3630.0	503633.0	5410791.0	41187.30078	262.87	0	48.850077	-86.950478	56288.42	56244.7	5.28	56293.70	56295.40625	56290.18670	56291.12891	503633.0	5410791.0
L3630.0	503633.0	5410789.4	41187.39844	264.94	0	48.850063	-86.950478	56287.78	56244.7	5.28	56293.05	56294.72266	56290.04535	56290.96875	503633.0	5410789.4
L3630.0	503633.0	5410789.4	41187.50000	267.58	0	48.850063	-86.950478	56288.07	56244.7	5.28	56293.34	56294.97266	56289.85660	56290.76172	503633.0	5410789.4
L3630.0	503633.1	5410787.6	41187.60156	270.86	0	48.850047	-86.950478	56287.79	56244.7	5.27	56293.06	56294.66016	56289.70674	56290.59375	503633.1	5410787.6
L3630.0	503633.1	5410786.2	41187.69922	272.02	0	48.850035	-86.950477	56288.42	56244.7	5.27	56293.69	56295.25391	56289.56210	56290.42969	503633.1	5410786.2
L3630.0	503633.1	5410786.2	41187.80078	273.80	0	48.850035	-86.950477	56288.56	56244.7	5.27	56293.83	56295.35938	56289.44806	56290.29688	503633.1	5410786.2
L3630.0	503633.1	5410784.5	41187.89844	273.87	0	48.850019	-86.950477	56288.93	56244.7	5.27	56294.20	56295.69531	56289.36470	56290.19531	503633.1	5410784.5
L3630.0	503633.1	5410783.1	41188.00000	275.53	0	48.850007	-86.950477	56288.86	56244.7	5.27	56294.13	56295.58984	56289.27719	56290.08984	503633.1	5410783.1
L3630.0	503633.1	5410783.1	41188.10156	275.84	0	48.850007	-86.950477	56287.88	56244.7	5.27	56293.15	56294.57813	56289.10757	56289.89844	503633.1	5410783.1
L3630.0	503633.1	5410781.5	41188.19922	274.42	0	48.849992	-86.950477	56287.61	56244.7	5.27	56292.88	56294.27734	56288.98149	56289.75391	503633.1	5410781.5
L3630.0	503633.1	5410780.0	41188.30078	274.77	0	48.849978	-86.950477	56286.86	56244.7	5.27	56292.14	56293.50391	56288.78238	56289.53516	503633.1	5410780.0
L3630.0	503633.1	5410778.5	41188.39844	274.04	0	48.849965	-86.950477	56287.31	56244.7	5.27	56292.58	56293.91406	56288.73397	56289.46875	503633.1	5410778.5
L3630.0	503633.1	5410778.5	41188.39844	274.04	0	48.849965	-86.950477	56287.07	56244.7	5.27	56292.34	56293.64453	56288.58221	56289.29688	503633.1	5410778.5
L3630.0	503633.1	5410777.1	41188.60156	275.08	0	48.849952	-86.950477	56287.69	56244.7	5.28	56292.96	56294.23438	56288.56781	56289.26172	503633.1	5410777.1
L3630.0	503633.1	5410775.9	41188.69922	275.59	0	48.849942	-86.950478	56287.58	56244.7	5.28	56292.86	56294.10938	56288.42110	56289.09766	503633.1	5410775.9
L3630.0	503633.1	5410775.9	41188.80078	276.05	0	48.849942	-86.950478	56287.50	56244.7	5.28	56292.78	56294.00000	56288.26049	56288.91797	503633.1	5410775.9
L3630.0	503633.0	5410773.8	41188.89844	275.02	0	48.849923	-86.950478	56287.20	56244.7	5.28	56292.48	56293.67188	56288.03849	56288.67578	503633.0	5410773.8
L3630.0	503633.0	5410772.5	41189.00000	274.92	0	48.849911	-86.950478	56286.84	56244.7	5.28	56292.12	56293.28516	56287.78430	56288.40234	503633.0	5410772.5
L3630.0	503633.0	5410772.5	41189.10156	276.48	0	48.849911	-86.950478	56287.36	56244.7	5.28	56292.64	56293.78125	56287.66153	56288.26172	503633.0	5410772.5
L3630.0	503633.0	5410771.1	41189.19922	276.98	0	48.849898	-86.950478	56287.02	56244.7	5.28	56292.30	56293.41797	56287.35913	56287.93750	503633.0	5410771.1
L3630.0	503633.0	5410769.4	41189.30078	276.66	0	48.849883	-86.950479	56287.46	56244.7	5.28	56292.74	56293.83203	56287.14802	56287.70703	503633.0	5410769.4
L3630.0	503633.0	5410769.4	41189.39844	276.22	0	48.849883	-86.950479	56286.99	56244.7	5.28	56292.28	56293.35156	56286.78085	56287.32031	503633.0	5410769.4
L3630.0	503633.0	5410768.0	41189.50000	276.17	0	48.849870	-86.950479	56287.16	56244.7	5.28	56292.44	56293.48828	56286.46543	56286.98828	503633.0	5410768.0
L3630.0	503633.0	5410766.4	41189.60156	276.86	0	48.849856	-86.950479	56286.46	56244.7	5.29	56291.74	56292.76563	56286.05660	56286.55859	503633.0	5410766.4
L3630.0	503633.0	5410765.2	41189.69922	274.54	0	48.849845	-86.950479	56286.31	56244.7	5.29	56291.59	56292.59375	56285.68529	56286.16797	503633.0	5410765.2
L3630.0	503633.0	5410765.2	41189.80078	273.29	0	48.849845	-86.950479	56285.70	56244.7	5.29	56290.98	56291.96484	56285.30104	56285.76563	503633.0	5410765.2
L3630.0	503633.0	5410763.1	41189.89844	273.27	0	48.849826	-86.950479	56285.70	56244.7	5.29	56290.98	56291.94531	56284.92681	56285.37500	503633.0	5410763.1
L3630.0	503633.0	5410761.5	41190.00000	272.11	0	48.849812	-86.950479	56286.61	56244.7	5.29	56291.90	56292.84766	56284.49367	56284.92188	503633.0	5410761.5
L3630.0	503633.0	5410760.2	41190.10156	270.61	0	48.849801	-86.950479	56286.94	56244.7	5.29	56292.23	56293.16016	56284.05333	56284.46484	503633.0	5410760.2
L3630.0	503633.0	5410760.2	41190.19922	261.29	0	48.849801	-86.950479	56287.58	56244.7	5.29	56292.87	56293.78125	56283.94823	56284.33984	503633.0	5410760.2
L3630.0	503633.0	5410758.9	41190.30078	260.67	0	48.849788	-86.950479	56286.46	56244.7	5.29	56291.74	56292.63672	56283.37123	56283.74609	503633.0	5410758.9
L3630.0	503633.0	5410757.2	41190.39844	261.76	0	48.849773	-86.950479	56286.64	56244.7	5.29	56291.93	56292.80859	56283.04833	56283.40625	503633.0	5410757.2
L3630.0	503633.0	5410757.2	41190.39844	261.76	0	48.849773	-86.950479	56285.90	56244.7	5.29	56291.18	56292.04688	56282.61542	56282.95313	503633.0	5410757.2
L3630.0	503633.0	5410755.5	41190.60156	255.58	0	48.849759	-86.950479	56286.13	56244.7	5.28	56291.41	56292.26172	56282.35247	56282.67188	503633.0	5410755.5
L3630.0	503633.0	5410754.1	41190.69922	255.74	0	48.849745	-86.950479	56286.33	56244.7	5.28	56291.62	56292.45703	56282.11725	56282.42188	503633.0	5410754.1
L3630.0	503633.0	5410752.7	41190.80078	256.14	0	48.849733	-86.950479	56286.38	56244.7	5.28	56291.66	56292.48438	56281.89934	56282.18750	503633.0	5410752.7
L3630.0	503633.0	5410750.9	41190.89844	255.83	0	48.849717	-86.950479	56286.46	56244.7	5.28	56291.74	56292.55469	56281.72895	56282.00000	503633.0	5410750.9
L3630.0	503633.0	5410750.9	41191.00000	256.14	0	48.849717	-86.950479	56285.72	56244.7	5.28	56291.00	56291.80078	56281.50118	56281.75391	503633.0	5410750.9
L3630.0	503633.0	5410749.2	41191.10156	256.81	0	48.849702	-86.950478	56285.97	56244.7	5.28	56291.26	56292.05078	56281.44017	56281.67578	503633.0	5410749.2
L3630.0	503633.1	5410747.8	41191.19922	260.35	0	48.849689	-86.950478	56285.54	56244.7	5.29	56290.82	56291.60156	56281.32526	56281.54688	503633.1	5410747.8
L3630.0	503633.1	5410747.8	41191.30078	264.18	0	48.849689	-86.950478	56286.05	56244.7	5.29	56291.34	56292.11328	56281.39407	56281.59766	503633.1	5410747.8
L3630.0	503633.1	5410746.2	41191.39844	268.40	0	48.849675	-86.950478	56285.70	56244.7	5.29	56290.99	56291.75391	56281.36437	56281.55469	503633.1	5410746.2
L3630.0	503633.1	5410744.7	41191.50000	270.55	0	48.849661	-86.950477	56286.10	56244.7	5.29	56291.40	56292.15625	56281.51032	56281.68359	503633.1	5410744.7
L3630.0	503633.1	5410742.8	41191.60156	271.49	0	48.849643	-86.950477	56285.77	56244.7	5.30	56291.07	56291.82031	56281.44363	56281.60156	503633.1	5410742.8
L3630.0	503633.1	5410742.8	41191.69922	271.71	0	48.849643	-86.950477	56285.80	56244.7	5.30	56291.10	56291.84375	56281.55674	56281.69922	503633.1	5410742.8
L3630.0	503633.2	5410740.8	41191.80078	272.26	0	48.849626	-86.950476	56285.85	56244.7	5.30	56291.15	56291.89063	56281.69167	56281.82031	503633.2	5410740.8
L3630.0	503633.2	5410739.4	41191.89844	274.60	0	48.849613	-86.950476	56285.92	56244.7	5.31	56291.23	56291.96484	56281.83669	56281.95313	503633.2	5410739.4
L3630.0	503633.3	5410737.5	41192.00000	276.43	0	48.849596	-86.950475	56286.11	56244.7	5.31	56291.42	56292.15234	56281.98515	56282.08594	503633.3	5410737.5
L3630.0	503633.3	5410737.5	41192.10156	278.75	0	48.849596	-86.950475	56285.48	56244.7	5.31	56290.79	56291.51563	56282.04128	56282.12891	503633.3	5410737.5
L3630.0	503633.3	5410735.9	41192.19922	277.78	0	48.849581	-86.950475	56285.49	56244.7	5.30	56290.79	56291.51563	56282.10042	56282.17578	503633.3	5410735.9
L3630.0	503633.3	5410735.9	41192.30078	278.35	0	48.849581	-86.950475	56285.24	56244.7	5.30	56290.54	56291.26172	56282.07824	56282.14063	503633.3	5410735.9
L3630.0	503633.3	5410734.2	41192.39844	278.24	0	48.849567	-86.950474	56285.90	56244.7	5.30	56291.20	56291.92188	56282.12372	56282.17188	503633.3	5410734.2
L3630.0	503633.3	5410732.8	41192.39844	278.24	0	48.849554	-86.950474	56286.38	56244.7	5.30	56291.68	56292.39844	56282.08484	56282.12109	503633.3	5410732.8
L3630.0	503633.3	5410732.8	41192.60156	277.84	0	48.849554	-86.950474	56286.85	56244.7	5.29	56292.14	56292.85938	56281.96732	56281.98828	503633.3	5410732.8
L3630.0	503633.4	5410731.2	41192.69922	277.23	0	48.849539	-86.950474	56286.86	56244.7	5.29	56292.15	56292.87109	56281.70211	56281.71094	503633.4	5410731.2
L3630.0	503633.4	5410729.6	41192.80078	277.53	0	48.849525	-86.950474	56286.18	56244.7	5.29	56291.47	56292.19141	56281.27868	56281.27734	503633.4	5410729.6
L3630.0	503633.4	5410727.9	41192.89844	276.61	0	48.849510	-86.950473	56286.36	56244.7	5.28	56291.64	56292.36328	56280.89220	56280.87891	503633.4	5410727.9
L3630.0	503633.4	5410727.9	41193.00000	274.80	0	48.849510	-86.950473	56286.29	56244.7	5.28	56291.57	56292.29297	56280.41528	56280.39063	503633.4	5410727.9
L3630.0	503633.4	5410726.5	41193.10156	275.00	0	48.849497	-86.950473	56286.69	56244.7	5.28	56291.97	56292.69531	56279.90600	56279.87109	503633.4	5410726.5
L3630.0	503633.4	5410724.9	41193.19922	273.44	0	48.849483	-86.950473	56286.48	56244.7	5.28	56291.76	56292.48828	56279.32703	56279.28125	503633.4	5410724.9
L3630.0	503633.4	5410724.9	41193.30078	273.50	0	48.849483	-86.950473	56286.43	56244.7	5.28	56291.72	56292.45313	56278.72810	56278.67188	503633.4	5410724.9
L3630.0	503633.4	5410722.5	41193.39844	273.83	0	48.849461	-86.950474	56286.13	56244.7	5.28	56291.41	56292.14844	56278.13487	56278.06641	503633.4	5410722.5
L3630.0	503633.4	5410721.6	41193.50000	272.69	0	48.849453	-86.950474	56286.26	56244.7	5.28	56291.55	56292.29297	56278.01238	56277.93359	503633.4	5410721.6
L3630.0	503633.4	5410721.6	41193.60156	274.22	0	48.849453	-86.950474	56286.25	56244.7	5.29	56291.54	56292.28516	56277.44711	56277.35938	503633.4	5410721.6
L3630.0	503633.4	5410720.2	41193.69922	275.04	0	48.849441	-86.950474	56286.20	56244.7	5.29	56291.49	56292.24219	56276.90548	56276.80859	503633.4	5410720.2
L3630.0	503633.3	5410718.3	41193.80078	259.91	0	48.849424	-86.950474	56286.25	56244.7	5.29	56291.54	56292.30078	56276.42221	56276.31641	503633.3	5410718.3
L3630.0	503633.3	5410718.3	41193.89844	259.21	0	48.849424	-86.950474	56286.33	56244.7	5.29	56291.62	56292.38672	56275.99623	56275.88281	503633.3	5410718.3
L3630.0	503633.3	5410717.2	41194.00000	256.23	0	48.849413	-86.950475	56286.64	56244.7	5.29	56291.93	56292.70313	56275.65386	56275.53125	503633.3	5410717.2
L3630.0	503633.3	5410715.8	41194.10156	257.27	0	48.849401	-86.950475	56286.43	56244.7	5.29	56291.72	56292.50000	56275.31818	56275.18750	503633.3	5410715.8
L3630.0	503633.3	5410715.8	41194.19922	257.89	0	48.849401	-86.950475	56286.28	56244.7	5.29	56291.57	56292.35938	56275.05885	56274.91797	503633.3	5410715.8

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L3630.0	503633.2	5410713.9	41194.30078	252.83	0	48.849384	-86.950476	56285.82	56244.7	5.29	56291.11	56291.90625	56274.83790	56274.69141	503633.2	5410713.9
L3630.0	503633.2	5410712.5	41194.39844	255.75	0	48.849371	-86.950476	56286.31	56244.7	5.29	56291.60	56292.40625	56274.78462	56274.62891	503633.2	5410712.5
L3630.0	503633.2	5410711.1	41194.39844	255.75	0	48.849358	-86.950476	56286.10	56244.7	5.29	56291.40	56292.21484	56274.72967	56274.56641	503633.2	5410711.1
L3630.0	503633.2	5410709.6	41194.60156	259.22	0	48.849345	-86.950476	56286.25	56244.7	5.30	56291.55	56292.37109	56274.78340	56274.61328	503633.2	5410709.6
L3630.0	503633.2	5410709.6	41194.69922	261.95	0	48.849345	-86.950476	56286.38	56244.7	5.30	56291.68	56292.51172	56274.90419	56274.73047	503633.2	5410709.6
L3630.0	503633.2	5410708.1	41194.80078	264.63	0	48.849332	-86.950477	56286.57	56244.7	5.30	56291.86	56292.70313	56275.10026	56274.91797	503633.2	5410708.1
L3630.0	503633.2	5410706.6	41194.89844	264.31	0	48.849318	-86.950477	56286.99	56244.7	5.30	56292.29	56293.14453	56275.40153	56275.21484	503633.2	5410706.6
L3630.0	503633.2	5410706.6	41195.00000	268.68	0	48.849318	-86.950477	56286.88	56244.7	5.30	56292.18	56293.04297	56274.75404	56274.55859	503633.2	5410706.6
L3630.0	503633.2	5410705.0	41195.10156	271.63	0	48.849303	-86.950477	56286.96	56244.7	5.30	56292.26	56293.13281	56275.05890	56274.85938	503633.2	5410705.0
L3630.0	503633.2	5410705.0	41195.19922	273.53	0	48.849303	-86.950477	56286.16	56244.7	5.30	56291.46	56292.34766	56275.40830	56275.20313	503633.2	5410705.0
L3630.0	503633.1	5410703.1	41195.30078	276.08	0	48.849287	-86.950477	56286.25	56244.7	5.30	56291.55	56292.44922	56275.71711	56275.50781	503633.1	5410703.1
L3630.0	503633.1	5410701.4	41195.39844	276.05	0	48.849272	-86.950477	56285.44	56244.7	5.30	56290.74	56291.64844	56275.99056	56275.77344	503633.1	5410701.4
L3630.0	503633.1	5410700.2	41195.50000	276.40	0	48.849261	-86.950477	56285.74	56244.7	5.30	56291.04	56291.96094	56276.26838	56276.04688	503633.1	5410700.2
L3630.0	503633.1	5410700.2	41195.60156	276.75	0	48.849261	-86.950477	56285.80	56244.7	5.30	56291.10	56292.03516	56276.51023	56276.28516	503633.1	5410700.2
L3630.0	503633.1	5410698.6	41195.69922	276.44	0	48.849246	-86.950477	56286.02	56244.7	5.30	56291.32	56292.26563	56276.73330	56276.50391	503633.1	5410698.6
L3630.0	503633.1	5410696.9	41195.80078	276.73	0	48.849231	-86.950478	56285.88	56244.7	5.30	56291.18	56292.14063	56276.86907	56276.63672	503633.1	5410696.9
L3630.0	503633.1	5410695.4	41195.89844	276.05	0	48.849218	-86.950478	56286.05	56244.7	5.30	56291.35	56292.32422	56276.98957	56276.75391	503633.1	5410695.4
L3630.0	503633.1	5410693.9	41196.00000	274.89	0	48.849204	-86.950478	56285.67	56244.7	5.30	56290.97	56291.95703	56276.96180	56276.72266	503633.1	5410693.9
L3630.0	503633.1	5410693.9	41196.10156	275.60	0	48.849204	-86.950478	56285.24	56244.7	5.30	56290.54	56291.53906	56276.85647	56276.61328	503633.1	5410693.9
L3630.0	503633.1	5410692.3	41196.19922	274.75	0	48.849190	-86.950478	56285.57	56244.7	5.30	56290.87	56291.88281	56276.81770	56276.57031	503633.1	5410692.3
L3630.0	503633.1	5410690.6	41196.30078	276.10	0	48.849175	-86.950478	56285.36	56244.7	5.31	56290.67	56291.69531	56276.63496	56276.38672	503633.1	5410690.6
L3630.0	503633.1	5410690.6	41196.39844	276.40	0	48.849175	-86.950478	56285.72	56244.7	5.31	56291.03	56292.07031	56276.49825	56276.24609	503633.1	5410690.6
L3630.0	503633.1	5410689.3	41196.39844	276.40	0	48.849162	-86.950478	56286.00	56244.7	5.31	56291.30	56292.35547	56276.30178	56276.04688	503633.1	5410689.3
L3630.0	503633.1	5410687.9	41196.60156	276.76	0	48.849150	-86.950478	56286.56	56244.7	5.31	56291.87	56292.93750	56276.11413	56275.85547	503633.1	5410687.9
L3630.0	503633.1	5410687.9	41196.69922	273.59	0	48.849150	-86.950478	56286.05	56244.7	5.31	56291.36	56292.44531	56275.72978	56275.47266	503633.1	5410687.9
L3630.0	503633.1	5410686.1	41196.80078	271.47	0	48.849134	-86.950478	56285.54	56244.7	5.32	56290.85	56291.94922	56275.33611	56275.07422	503633.1	5410686.1
L3630.0	503633.1	5410684.3	41196.89844	272.86	0	48.849118	-86.950478	56285.24	56244.7	5.32	56290.56	56291.67188	56274.97279	56274.71094	503633.1	5410684.3
L3630.0	503633.1	5410684.3	41197.00000	274.30	0	48.849118	-86.950478	56285.64	56244.7	5.32	56290.96	56292.08594	56274.69413	56274.42969	503633.1	5410684.3
L3630.0	503633.2	5410681.5	41197.10156	273.59	0	48.849092	-86.950477	56285.74	56244.7	5.32	56291.06	56292.20313	56274.37051	56274.10547	503633.2	5410681.5
L3630.0	503633.2	5410681.5	41197.19922	270.83	0	48.849092	-86.950477	56284.54	56244.7	5.33	56289.86	56291.01563	56273.90488	56273.63672	503633.2	5410681.5
L3630.0	503633.2	5410680.3	41197.30078	270.37	0	48.849082	-86.950477	56284.75	56244.7	5.33	56290.08	56291.25000	56273.59935	56273.33203	503633.2	5410680.3
L3630.0	503633.2	5410678.7	41197.39844	272.78	0	48.849067	-86.950476	56284.90	56244.7	5.33	56290.23	56291.41797	56273.28611	56273.01953	503633.2	5410678.7
L3630.0	503633.2	5410678.7	41197.50000	272.34	0	48.849067	-86.950476	56285.10	56244.7	5.33	56290.44	56291.64063	56272.98029	56272.71094	503633.2	5410678.7
L3630.0	503633.2	5410678.7	41197.60156	271.28	0	48.849067	-86.950476	56283.78	56244.7	5.34	56289.11	56290.32813	56272.56029	56272.29297	503633.2	5410678.7
L3630.0	503633.3	5410676.9	41197.69922	270.91	0	48.849051	-86.950476	56283.48	56244.7	5.34	56288.82	56290.05078	56272.23912	56271.96875	503633.3	5410676.9
L3630.0	503633.3	5410675.5	41197.80078	269.25	0	48.849038	-86.950476	56282.12	56244.7	5.34	56287.46	56288.70703	56271.86140	56271.59375	503633.3	5410675.5
L3630.0	503633.3	5410674.3	41197.89844	269.18	0	48.849028	-86.950475	56283.14	56244.7	5.35	56288.49	56289.75000	56271.65198	56271.38281	503633.3	5410674.3
L3630.0	503633.3	5410672.9	41198.00000	269.32	0	48.849015	-86.950475	56282.86	56244.7	5.35	56288.21	56289.48828	56271.37159	56271.10156	503633.3	5410672.9
L3630.0	503633.3	5410672.9	41198.10156	269.42	0	48.849015	-86.950475	56284.02	56244.7	5.35	56289.36	56290.65234	56271.18103	56270.91406	503633.3	5410672.9
L3630.0	503633.3	5410671.3	41198.19922	270.77	0	48.849001	-86.950475	56283.81	56244.7	5.35	56289.15	56290.45703	56270.92858	56270.66016	503633.3	5410671.3
L3630.0	503633.3	5410669.5	41198.30078	270.85	0	48.848984	-86.950475	56283.63	56244.7	5.34	56288.97	56290.29297	56270.69013	56270.42188	503633.3	5410669.5
L3630.0	503633.3	5410669.5	41198.39844	271.17	0	48.848984	-86.950475	56282.94	56244.7	5.34	56288.28	56289.61719	56270.43725	56270.17188	503633.3	5410669.5
L3630.0	503633.3	5410668.1	41198.39844	271.17	0	48.848972	-86.950475	56282.38	56244.7	5.34	56287.72	56289.07031	56270.19932	56269.93359	503633.3	5410668.1
L3630.0	503633.3	5410666.5	41198.60156	270.64	0	48.848957	-86.950475	56282.10	56244.7	5.34	56287.44	56288.80859	56269.98087	56269.71875	503633.3	5410666.5
L3630.0	503633.3	5410666.5	41198.69922	270.91	0	48.848957	-86.950475	56281.15	56244.7	5.34	56286.48	56287.86328	56269.73442	56269.47266	503633.3	5410666.5
L3630.0	503633.3	5410664.9	41198.80078	272.17	0	48.848943	-86.950476	56282.43	56244.7	5.33	56287.76	56289.15625	56269.59626	56269.33594	503633.3	5410664.9
L3630.0	503633.2	5410663.0	41198.89844	271.43	0	48.848926	-86.950476	56281.77	56244.7	5.33	56287.10	56288.51172	56269.36671	56269.10547	503633.2	5410663.0
L3630.0	503633.2	5410661.5	41199.00000	270.70	0	48.848912	-86.950476	56282.19	56244.7	5.33	56287.52	56288.94531	56269.18799	56268.92969	503633.2	5410661.5
L3630.0	503633.2	5410661.5	41199.10156	269.86	0	48.848912	-86.950476	56281.82	56244.7	5.33	56287.15	56288.58984	56268.96949	56268.71484	503633.2	5410661.5
L3630.0	503633.2	5410659.7	41199.19922	270.86	0	48.848897	-86.950477	56281.94	56244.7	5.33	56287.27	56288.72656	56268.77112	56268.51563	503633.2	5410659.7
L3630.0	503633.2	5410659.7	41199.30078	271.52	0	48.848897	-86.950477	56281.48	56244.7	5.33	56286.82	56288.28906	56268.54147	56268.28906	503633.2	5410659.7
L3630.0	503633.1	5410657.2	41199.39844	270.16	0	48.848874	-86.950478	56281.48	56244.7	5.33	56286.81	56288.29297	56268.32569	56268.07422	503633.1	5410657.2
L3630.0	503633.1	5410657.2	41199.50000	270.79	0	48.848874	-86.950478	56281.64	56244.7	5.33	56286.98	56288.47656	56268.10732	56267.85938	503633.1	5410657.2
L3630.0	503633.1	5410655.7	41199.60156	271.90	0	48.848860	-86.950479	56281.31	56244.7	5.34	56286.64	56288.15234	56267.85218	56267.60547	503633.1	5410655.7
L3630.0	503633.1	5410655.7	41199.69922	273.67	0	48.848860	-86.950479	56282.39	56244.7	5.34	56287.73	56289.25391	56267.63987	56267.39844	503633.1	5410655.7
L3630.0	503633.0	5410653.7	41199.80078	273.45	0	48.848842	-86.950479	56281.66	56244.7	5.34	56287.00	56288.53906	56267.33169	56267.08984	503633.0	5410653.7
L3630.0	503633.0	5410652.2	41199.89844	273.99	0	48.848828	-86.950480	56281.68	56244.7	5.34	56287.02	56288.57422	56267.03088	56266.79297	503633.0	5410652.2
L3630.0	503633.0	5410652.2	41200.00000	272.75	0	48.848828	-86.950480	56280.80	56244.7	5.34	56286.14	56287.70703	56266.67914	56266.44531	503633.0	5410652.2
L3630.0	503633.0	5410650.8	41200.10156	272.19	0	48.848816	-86.950480	56281.02	56244.7	5.34	56286.36	56287.93750	56266.32997	56266.09766	503633.0	5410650.8
L3630.0	503632.9	5410649.2	41200.19922	272.28	0	48.848802	-86.950481	56280.28	56244.7	5.34	56285.62	56287.21094	56265.93161	56265.70313	503632.9	5410649.2
L3630.0	503632.9	5410648.1	41200.30078	269.76	0	48.848792	-86.950481	56280.08	56244.7	5.34	56285.42	56287.02734	56265.50908	56265.28516	503632.9	5410648.1
L3630.0	503632.9	5410648.1	41200.39844	269.27	0	48.848792	-86.950481	56279.93	56244.7	5.34	56285.27	56286.88672	56265.05166	56264.82813	503632.9	5410648.1
L3630.0	503632.9	5410646.7	41200.39844	269.27	0	48.848780	-86.950481	56279.46	56244.7	5.34	56284.80	56286.42969	56264.56634	56264.34766	503632.9	5410646.7
L3630.0	503632.9	5410644.9	41200.60156	269.31	0	48.848763	-86.950481	56280.31	56244.7	5.34	56285.65	56287.29297	56264.00023	56263.78516	503632.9	5410644.9
L3630.0	503632.9	5410643.6	41200.69922	269.66	0	48.848751	-86.950481	56280.41	56244.7	5.34	56285.75	56287.40625	56263.41073	56263.19922	503632.9	5410643.6
L3630.0	503632.9	5410643.6	41200.80078	269.10	0	48.848751	-86.950481	56280.97	56244.7	5.34	56286.31	56287.97656	56262.74537	56262.53516	503632.9	5410643.6
L3630.0	503632.9	5410642.0	41200.89844	269.08	0	48.848737	-86.950482	56280.46	56244.7	5.34	56285.80	56287.48047	56262.89603	56262.69141	503632.9	5410642.0
L3630.0	503632.9	5410642.0	41201.00000	269.50	0	48.848737	-86.950482	56280.93	56244.7	5.34	56286.27	56287.96094	56262.33970	56262.13672	503632.9	5410642.0
L3630.0	503632.9	5410638.5	41201.10156	270.70	0	48.848706	-86.950481	56280.43	56244.7	5.34	56285.78	56287.48438	56261.58587	56261.38672	503632.9	5410638.5
L3630.0	503632.9	5410638.5	41201.19922	272.01	0	48.848706	-86.950481	56280.48	56244.7	5.34	56285.83	56287.54688	56260.91029	56260.71484	503632.9	5410638.5
L3630.0	503632.9	5410637.1	41201.30078	269.23	0	48.848693	-86.950481	56280.38	56244.7	5.35	56285.73	56287.45703	56260.19794	56260.00781	503632.9	5410637.1
L3630.0	503632.9	5410637.1	41201.39844	269.10	0	48.848693	-86.950481	56280.31	56244.7	5.35	56285.66	56287.39844	56259.48078	56259.29297	503632.9	5410637.1
L3630.0	503632.9	5410635.4	41201.50000	266.96	0	48.848678	-86.950481	56280.21	56244.7	5.35	56285.56	56287.30859	56258.75485	56258.57031	503632.9	5410635.4
L3630.0	503632.9	5410634.1	41201.60156	263.54	0	48.848666	-86.950481	56279.39	56244.6	5.35	56284.75	56286.50781	56257.96744	56257.78906	503632.9	5410634.1
L3630.0	503632.9	5410634.1	41201.69922	261.41	0	48.848666	-86.950481	56279.90	56244.6	5.35	56285.25	56287.01953	56257.29484	56257.12109	503632.9	5410634.1
L3630.0	503632.9	5410632.7	41201.80078	258.72	0	48.848654	-86.950481	56279.34	56244.6	5.36	56284.69	56286.47266	56256.55226	56256.37891	503632.9	5410632.7
L3630.0	503632.9	5410631.3	41201.89844	258.00	0	48.848641	-86.950481	56279.80	56244.6	5.36	56285.15	56286.94141	56255.87257	56255.70313	503632.9	5410631.3
L3630.0	503632.9	5410629.7	41202.00000	258.70	0	48.848626	-86.950481	56279.44	56244.6	5.36	56284.80	56286.60156	56255.16788	56255.00391	503632.9	5410629.7
L3630.0	503632.9	5410629.7	41202.10156	258.77	0	48.848626	-86.950481	56279.77	56244.6	5.36	56285.14	56286.94922	56254.48398	56254.32422	503632.9	5410629.7
L3630.0	503632.9	5410628.3	41202.19922	256.25	0	48.848614	-86.950481	56280.08	56244.6	5.36	56285.44	56287.26172	56253.80499	56253.64844	503632.9	5410628.3
L3630.0	503632.9	5410626.5	41202.30078	257.19	0	48.848597	-86.950482	56280.18	56244.6	5.37	56285.55	56287.37891	56253.14260	56252.99219	503632.9	5410626.5
L3630.0	503632.9	5410626.5	41202.39844	258.33	0	48.848597	-86.950482	56279.98	56244.6	5.37	56285.35	56287.19141	56252.50920	56252.36328	503632.9	5410626.5
L3630.0	503632.8	5410625.1	41202.39844	258.33	0	48.848585	-86.950482	56279.29	56244.6	5.37	56284.66	56286.50781	56251.94601	56251.80469	503632.8	5410625.1
L3630.0	503632.8	5410623.5	41202.60156	259.72	0	48.848570	-86.950482	56279.77	56244.6	5.37	56285.14	56286.99609	56251.41147	56251.27344	503632.8	5410623.5
L3630.0	503632.8	5410622.3	41202.69922	259.33	0	48.848560	-86.950483	56279.23	56244.6	5.37	56284.60	56286.46484	56251.01118	56250.87500	503632.8	5410622.3
L3630.0	503632.8	5410622.3	41202.80078	261.39	0	48.848560	-86.950483	56279.82	56244.6	5.38	56285.20	56287.07422	56250.67887	56250.54688	503632.8	5410622.3
L3630.0	503632.7	5410621.0	41202.89844	261.02	0	48.848548	-86.950483	56279.34	56244.6	5.38	56284.72	56286.60547	56250.51525	56250.39063	503632.7	5410621.0
L3630.0	503632.7	5410619.6	41203.00000	260.38	0	48.848536	-86.950484	56279.80	56244.6	5.38	56285.18	56287.07031	56250.42693	56250.30469	503632.7	5410619.6
L3630.0	503632.7	5410619.6	41203.10156	258.24	0	48.848536	-86.950484	56278.80	56244.6	5.38	56284.18	56286.08203	56250.49976	56250.38281	503632.7	5410619.6
L3630.0	503632.6	5410617.8	41203.19922	257.07	0	48.848519	-86.950485	56278.93	56244.6	5.38	56284.31	56286.21875	56250.62207	56250.50781	503632.6	5410617.8
L3630.0	503632.6	5410616.6	41203.30078	254.47	0	48.848509	-86.950485	56279.14	56244.6	5.38	56284.52	56286.43750	56250.81961	56250.71094	503632.6	5410616.6
L3630.0	503632.6	5410616.6	41203.39844	254.11	0	48.848509	-86.950485	56279.26	56244.6	5.38	56284.64	56286.56250	56251.07872	56250.97266	503632.6	5410616.6
L3630.0	503632.6	5410614.9	41203.50000	254.46	0	48.848494	-86.950486	56279.68	56244.6	5.38	56285.06	56286.99219	56251.38510	56251.28516	503632.6	5410614.9

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L3630.0	503632.6	5410613.5	41203.60156	255.68	0	48.848481	-86.950486	56278.78	56244.6	5.38	56284.16	56286.09766	56251.65017	56251.55469	503632.6	5410613.5
L3630.0	503632.5	5410611.7	41203.69922	256.71	0	48.848464	-86.950486	56278.57	56244.6	5.38	56283.95	56285.89453	56251.91905	56251.82813	503632.5	5410611.7
L3630.0	503632.5	5410611.7	41203.80078	256.31	0	48.848464	-86.950486	56277.32	56244.6	5.38	56282.70	56284.65234	56252.07340	56251.98438	503632.5	5410611.7
L3630.0	503632.5	5410610.1	41203.89844	256.83	0	48.848450	-86.950486	56277.75	56244.6	5.38	56283.13	56285.08984	56252.31398	56252.23047	503632.5	5410610.1
L3630.0	503632.5	5410608.9	41204.00000	257.17	0	48.848440	-86.950486	56277.61	56244.6	5.38	56282.99	56284.95703	56252.46404	56252.38672	503632.5	5410608.9
L3630.0	503632.5	5410607.3	41204.10156	275.77	0	48.848425	-86.950486	56278.27	56244.6	5.38	56283.65	56285.62500	56252.65603	56252.58203	503632.5	5410607.3
L3630.0	503632.5	5410606.0	41204.19922	275.94	0	48.848413	-86.950486	56277.68	56244.6	5.38	56283.06	56285.03906	56252.64739	56252.57813	503632.5	5410606.0
L3630.0	503632.5	5410606.0	41204.30078	274.61	0	48.848413	-86.950486	56277.75	56244.6	5.38	56283.14	56285.12500	56252.65862	56252.59375	503632.5	5410606.0
L3630.0	503632.5	5410604.6	41204.39844	275.57	0	48.848400	-86.950486	56277.75	56244.6	5.38	56283.14	56285.13281	56252.59647	56252.53516	503632.5	5410604.6
L3630.0	503632.5	5410603.3	41204.39844	275.57	0	48.848389	-86.950486	56277.70	56244.6	5.38	56283.09	56285.08984	56252.46075	56252.40234	503632.5	5410603.3
L3630.0	503632.5	5410602.1	41204.60156	272.61	0	48.848378	-86.950486	56277.84	56244.6	5.39	56283.23	56285.23438	56252.28359	56252.23047	503632.5	5410602.1
L3630.0	503632.5	5410602.1	41204.69922	268.94	0	48.848378	-86.950486	56277.73	56244.6	5.39	56283.12	56285.13281	56252.00042	56251.95313	503632.5	5410602.1
L3630.0	503632.5	5410600.8	41204.80078	262.05	0	48.848366	-86.950486	56278.42	56244.6	5.39	56283.81	56285.82813	56251.76104	56251.71875	503632.5	5410600.8
L3630.0	503632.5	5410599.4	41204.89844	258.85	0	48.848353	-86.950486	56277.73	56244.6	5.39	56283.12	56285.14453	56251.25633	56251.21484	503632.5	5410599.4
L3630.0	503632.5	5410597.7	41205.00000	261.38	0	48.848338	-86.950486	56277.96	56244.6	5.39	56283.35	56285.37891	56250.80846	56250.77344	503632.5	5410597.7
L3630.0	503632.5	5410597.7	41205.10156	261.59	0	48.848338	-86.950486	56276.99	56244.6	5.39	56282.38	56284.41406	56250.12776	56250.09766	503632.5	5410597.7
L3630.0	503632.5	5410596.0	41205.19922	259.33	0	48.848323	-86.950487	56277.04	56244.6	5.39	56282.43	56284.47266	56249.51341	56249.48438	503632.5	5410596.0
L3630.0	503632.5	5410596.0	41205.30078	260.63	0	48.848323	-86.950487	56277.16	56244.6	5.39	56282.55	56284.59766	56248.84425	56248.82031	503632.5	5410596.0
L3630.0	503632.5	5410594.3	41205.39844	257.66	0	48.848308	-86.950487	56277.43	56244.6	5.39	56282.82	56284.87500	56248.12698	56248.10938	503632.5	5410594.3
L3630.0	503632.5	5410592.6	41205.50000	257.64	0	48.848293	-86.950487	56277.63	56244.6	5.38	56283.01	56285.07031	56247.36474	56247.35156	503632.5	5410592.6
L3630.0	503632.5	5410591.0	41205.60156	258.57	0	48.848278	-86.950487	56277.07	56244.6	5.38	56282.45	56284.51563	56246.54115	56246.53125	503632.5	5410591.0
L3630.0	503632.5	5410591.0	41205.69922	259.31	0	48.848278	-86.950487	56277.30	56244.6	5.38	56282.68	56284.75000	56245.79893	56245.79297	503632.5	5410591.0
L3630.0	503632.4	5410589.4	41205.80078	259.60	0	48.848264	-86.950488	56276.69	56244.6	5.38	56282.07	56284.14453	56245.07147	56245.07031	503632.4	5410589.4
L3630.0	503632.4	5410587.9	41205.89844	260.81	0	48.848251	-86.950488	56277.11	56244.6	5.38	56282.49	56284.57031	56244.44719	56244.44922	503632.4	5410587.9
L3630.0	503632.5	5410586.3	41206.00000	263.04	0	48.848236	-86.950488	56276.69	56244.6	5.38	56282.07	56284.15625	56243.84145	56243.84766	503632.5	5410586.3
L3630.0	503632.5	5410586.3	41206.10156	260.92	0	48.848236	-86.950488	56277.22	56244.6	5.38	56282.60	56284.69531	56243.31127	56243.32031	503632.5	5410586.3
L3630.0	503632.5	5410584.5	41206.19922	261.70	0	48.848220	-86.950487	56277.14	56244.6	5.38	56282.53	56284.62891	56242.79558	56242.80859	503632.5	5410584.5
L3630.0	503632.5	5410584.5	41206.30078	260.96	0	48.848220	-86.950487	56276.76	56244.6	5.38	56282.14	56284.24609	56242.30206	56242.32031	503632.5	5410584.5
L3630.0	503632.5	5410583.3	41206.39844	260.01	0	48.848209	-86.950487	56276.84	56244.6	5.38	56282.22	56284.33203	56241.84067	56241.86328	503632.5	5410583.3
L3630.0	503632.5	5410581.9	41206.39844	260.01	0	48.848196	-86.950487	56276.30	56244.6	5.38	56281.68	56283.79688	56241.38546	56241.41016	503632.5	5410581.9
L3630.0	503632.5	5410580.2	41206.60156	260.60	0	48.848181	-86.950487	56276.64	56244.6	5.39	56282.03	56284.15625	56240.94166	56240.96875	503632.5	5410580.2
L3630.0	503632.5	5410580.2	41206.69922	262.26	0	48.848181	-86.950487	56275.90	56244.6	5.39	56281.29	56283.42188	56240.48149	56240.51563	503632.5	5410580.2
L3630.0	503632.5	5410578.6	41206.80078	262.95	0	48.848167	-86.950487	56276.51	56244.6	5.39	56281.90	56284.03906	56240.01901	56240.05469	503632.5	5410578.6
L3630.0	503632.5	5410577.1	41206.89844	264.69	0	48.848153	-86.950487	56276.02	56244.6	5.39	56281.41	56283.55469	56239.53931	56239.57813	503632.5	5410577.1
L3630.0	503632.5	5410575.7	41207.00000	263.93	0	48.848140	-86.950487	56276.16	56244.6	5.39	56281.55	56283.70313	56239.05199	56239.09375	503632.5	5410575.7
L3630.0	503632.5	5410575.7	41207.10156	260.68	0	48.848140	-86.950487	56275.58	56244.6	5.39	56280.97	56283.12891	56238.55818	56238.60547	503632.5	5410575.7
L3630.0	503632.5	5410573.8	41207.19922	260.90	0	48.848124	-86.950487	56275.90	56244.6	5.39	56281.29	56283.45703	56238.04615	56238.09766	503632.5	5410573.8
L3630.0	503632.5	5410573.8	41207.30078	261.02	0	48.848124	-86.950487	56275.61	56244.6	5.39	56281.00	56283.17188	56237.52526	56237.58203	503632.5	5410573.8
L3630.0	503632.5	5410572.4	41207.39844	258.23	0	48.848111	-86.950487	56275.10	56244.6	5.39	56280.49	56282.67188	56236.99706	56237.05469	503632.5	5410572.4
L3630.0	503632.5	5410570.9	41207.50000	255.89	0	48.848098	-86.950488	56275.11	56244.6	5.39	56280.50	56282.68750	56236.44546	56236.50781	503632.5	5410570.9
L3630.0	503632.4	5410569.6	41207.60156	255.44	0	48.848086	-86.950488	56274.70	56244.6	5.39	56280.08	56282.27734	56235.88636	56235.95313	503632.4	5410569.6
L3630.0	503632.4	5410569.6	41207.69922	256.01	0	48.848086	-86.950488	56275.20	56244.6	5.39	56280.59	56282.79688	56235.28582	56235.35547	503632.4	5410569.6
L3630.0	503632.4	5410567.7	41207.80078	258.19	0	48.848068	-86.950488	56274.32	56244.6	5.39	56279.71	56281.92188	56234.71294	56234.78516	503632.4	5410567.7
L3630.0	503632.4	5410566.1	41207.89844	257.77	0	48.848055	-86.950489	56274.67	56244.6	5.39	56280.06	56282.28125	56234.08964	56234.16797	503632.4	5410566.1
L3630.0	503632.4	5410564.9	41208.00000	257.27	0	48.848044	-86.950489	56274.01	56244.6	5.39	56279.40	56281.63281	56233.49831	56233.57813	503632.4	5410564.9
L3630.0	503632.4	5410564.9	41208.10156	257.94	0	48.848044	-86.950489	56274.11	56244.6	5.39	56279.50	56281.74219	56232.87288	56232.95703	503632.4	5410564.9
L3630.0	503632.4	5410563.7	41208.19922	260.22	0	48.848032	-86.950489	56272.98	56244.6	5.39	56278.37	56280.62109	56232.31368	56232.40234	503632.4	5410563.7
L3630.0	503632.4	5410562.6	41208.30078	260.32	0	48.848022	-86.950489	56273.02	56244.6	5.40	56278.41	56280.67188	56231.70493	56231.79688	503632.4	5410562.6
L3630.0	503632.4	5410560.8	41208.39844	259.37	0	48.848007	-86.950489	56273.37	56244.6	5.40	56278.77	56281.03906	56231.08700	56231.18359	503632.4	5410560.8
L3630.0	503632.4	5410560.8	41208.39844	259.37	0	48.848007	-86.950489	56273.11	56244.6	5.40	56278.51	56280.78906	56230.51527	56230.61719	503632.4	5410560.8
L3630.0	503632.4	5410559.4	41208.60156	260.57	0	48.847994	-86.950489	56272.94	56244.6	5.40	56278.34	56280.63281	56230.00197	56230.10547	503632.4	5410559.4
L3630.0	503632.4	5410559.4	41208.69922	259.06	0	48.847994	-86.950489	56272.04	56244.6	5.40	56277.44	56279.74219	56229.62282	56229.73047	503632.4	5410559.4
L3630.0	503632.4	5410558.0	41208.80078	255.69	0	48.847981	-86.950489	56272.12	56244.6	5.41	56277.52	56279.83594	56229.17459	56229.28906	503632.4	5410558.0
L3630.0	503632.4	5410556.4	41208.89844	256.33	0	48.847967	-86.950489	56271.78	56244.6	5.41	56277.19	56279.51563	56228.74991	56228.86719	503632.4	5410556.4
L3630.0	503632.3	5410554.6	41209.00000	256.48	0	48.847951	-86.950489	56271.73	56244.6	5.41	56277.14	56279.48047	56228.30272	56228.42188	503632.3	5410554.6
L3630.0	503632.3	5410553.0	41209.10156	254.95	0	48.847936	-86.950489	56271.38	56244.6	5.41	56276.79	56279.14063	56227.87167	56227.99609	503632.3	5410553.0
L3630.0	503632.3	5410553.0	41209.19922	254.65	0	48.847936	-86.950489	56271.27	56244.6	5.40	56276.68	56279.04688	56227.42072	56227.55078	503632.3	5410553.0
L3630.0	503632.3	5410551.9	41209.30078	254.27	0	48.847926	-86.950490	56271.40	56244.6	5.40	56276.80	56279.17969	56226.95047	56227.08594	503632.3	5410551.9
L3630.0	503632.3	5410550.6	41209.39844	255.87	0	48.847915	-86.950490	56270.87	56244.6	5.39	56276.26	56278.65234	56226.52024	56226.66016	503632.3	5410550.6
L3630.0	503632.3	5410550.6	41209.50000	266.55	0	48.847915	-86.950490	56270.86	56244.6	5.39	56276.25	56278.65625	56226.05064	56226.19141	503632.3	5410550.6
L3630.0	503632.3	5410548.6	41209.60156	267.47	0	48.847897	-86.950491	56269.98	56244.6	5.39	56275.36	56277.78125	56225.63564	56225.78125	503632.3	5410548.6
L3630.0	503632.2	5410546.9	41209.69922	255.12	0	48.847882	-86.950491	56269.62	56244.6	5.38	56275.00	56277.43750	56225.18118	56225.33203	503632.2	5410546.9
L3630.0	503632.2	5410546.9	41209.80078	255.58	0	48.847882	-86.950491	56269.03	56244.6	5.38	56274.41	56276.86328	56224.73791	56224.89453	503632.2	5410546.9
L3630.0	503632.2	5410545.5	41209.89844	256.95	0	48.847869	-86.950491	56268.88	56244.6	5.37	56274.25	56276.72266	56224.26176	56224.42188	503632.2	5410545.5
L3630.0	503632.2	5410544.0	41210.00000	256.95	0	48.847856	-86.950492	56268.96	56244.6	5.37	56274.33	56276.82031	56223.76538	56223.92969	503632.2	5410544.0
L3630.0	503632.1	5410542.4	41210.10156	256.32	0	48.847841	-86.950492	56268.88	56244.6	5.37	56274.25	56276.75781	56223.27537	56223.44531	503632.1	5410542.4
L3630.0	503632.1	5410542.4	41210.19922	255.98	0	48.847841	-86.950492	56269.59	56244.6	5.38	56274.96	56277.48438	56222.72837	56222.90625	503632.1	5410542.4
L3630.0	503632.1	5410540.8	41210.30078	256.39	0	48.847827	-86.950493	56269.08	56244.6	5.38	56274.46	56277.00391	56222.25767	56222.43750	503632.1	5410540.8
L3630.0	503632.1	5410540.8	41210.39844	258.47	0	48.847827	-86.950493	56269.00	56244.6	5.38	56274.39	56276.95313	56221.75388	56221.94141	503632.1	5410540.8
L3630.0	503632.1	5410539.4	41210.39844	258.47	0	48.847814	-86.950493	56267.96	56244.6	5.38	56273.34	56275.92188	56221.31096	56221.50391	503632.1	5410539.4
L3630.0	503632.0	5410538.0	41210.60156	259.27	0	48.847802	-86.950494	56267.42	56244.6	5.39	56272.81	56275.41406	56220.82887	56221.02734	503632.0	5410538.0
L3630.0	503632.0	5410535.9	41210.69922	261.38	0	48.847783	-86.950494	56266.86	56244.6	5.39	56272.25	56274.87500	56220.34423	56220.54688	503632.0	5410535.9
L3630.0	503632.0	5410535.9	41210.80078	261.41	0	48.847783	-86.950494	56266.22	56244.6	5.39	56271.61	56274.25781	56219.86033	56220.07031	503632.0	5410535.9
L3630.0	503632.0	5410534.1	41210.89844	259.81	0	48.847766	-86.950494	56266.45	56244.6	5.40	56271.84	56274.50781	56219.31378	56219.53125	503632.0	5410534.1
L3630.0	503632.1	5410532.9	41211.00000	257.31	0	48.847756	-86.950493	56265.84	56244.6	5.40	56271.24	56273.92969	56218.81788	56219.04297	503632.1	5410532.9
L3630.0	503632.1	5410532.9	41211.10156	256.73	0	48.847756	-86.950493	56265.86	56244.6	5.40	56271.26	56273.97656	56218.27592	56218.50391	503632.1	5410532.9
L3630.0	503632.1	5410530.9	41211.19922	258.11	0	48.847738	-86.950493	56264.49	56244.6	5.40	56269.88	56272.62109	56217.82250	56218.05859	503632.1	5410530.9
L3630.0	503632.2	5410529.7	41211.30078	259.22	0	48.847727	-86.950492	56264.79	56244.6	5.39	56270.18	56272.94531	56217.25226	56217.49609	503632.2	5410529.7
L3630.0	503632.2	5410529.7	41211.39844	260.61	0	48.847727	-86.950492	56264.57	56244.6	5.39	56269.96	56272.75000	56216.71182	56216.96484	503632.2	5410529.7
L3630.0	503632.2	5410528.0	41211.50000	258.37	0	48.847712	-86.950491	56264.82	56244.6	5.39	56270.21	56273.02734	56216.13512	56216.39453	503632.2	5410528.0
L3630.0	503632.2	5410526.8	41211.60156	257.35	0	48.847701	-86.950491	56264.38	56244.6	5.39	56269.77	56272.61328	56215.59944	56215.86719	503632.2	5410526.8
L3630.0	503632.3	5410525.2	41211.69922	257.23	0	48.847686	-86.950490	56263.70	56244.6	5.39	56269.08	56271.95313	56215.07542	56215.35156	503632.3	5410525.2
L3630.0	503632.3	5410525.2	41211.80078	257.97	0	48.847686	-86.950490	56263.37	56244.6	5.38	56268.75	56271.65234	56214.52234	56214.80469	503632.3	5410525.2
L3630.0	503632.4	5410523.3	41211.89844	256.52	0	48.847669	-86.950489	56262.74	56244.6	5.38	56268.12	56271.05078	56213.98414	56214.27734	503632.4	5410523.3
L3630.0	503632.4	5410521.7	41212.00000	253.52	0	48.847655	-86.950488	56262.68	56244.6	5.38	56268.06	56271.01953	56213.40278	56213.70313	503632.4	5410521.7
L3630.0	503632.4	5410521.7	41212.10156	250.12	0	48.847655	-86.950488	56261.98	56244.6	5.38	56267.36	56270.35156	56212.85888	56213.16797	503632.4	5410521.7
L3630.0	503632.5	5410520.6	41212.19922	249.88	0	48.847645	-86.950488	56262.04	56244.6	5.38	56267.42	56270.44531	56212.25906	56212.57813	503632.5	5410520.6
L3630.0	503632.5	5410519.0	41212.30078	248.81	0	48.847631	-86.950487	56261.39	56244.6	5.38	56266.78	56269.83594	56211.70059	56212.03125	503632.5	5410519.0
L3630.0	503632.6	5410517.4	41212.39844	249.75	0	48.847616	-86.950486	56261.45	56244.6	5.38	56266.84	56269.92969	56211.09010	56211.42969	503632.6	5410517.4
L3630.0	503632.6	5410517.4	41212.39844	249.75	0	48.847616	-86.950486	56260.88	56244.6	5.38	56266.27	56269.39453	56210.51620	56210.86719	503632.6	5410517.4
L3630.0	503632.6	5410515.8	41212.60156	252.23	0	48.847601	-86.950486	56260.10	56244.6	5.39	56265.48	56268.64063	56209.95151	56210.31250	503632.6	5410515.8
L3630.0	503632.6	5410515.8	41212.69922	252.44	0	48.847601	-86.950486	56259.23	56244.6	5.39	56264.62	56267.81641	56209.38598	56209.75781	503632.6	5410515.8
L3630.0	503632.7	5410514.0	41212.80078	256.42	0	48.847585	-86.950485	56258.46	56244.6	5.39	56263.85	56267.08203	56208.80889	56209.19531	503632.7	5410514.0

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L3630.0	503632.7	5410512.4	41212.89844	259.42	0	48.847571	-86.950485	56258.16	56244.6	5.39	56263.55	56266.82031	56208.55705	56208.95313	503632.7	5410512.4
L3630.0	503632.7	5410512.4	41213.00000	261.53	0	48.847571	-86.950485	56257.86	56244.6	5.39	56263.25	56266.55859	56208.49248	56208.90234	503632.7	5410512.4
L3630.0	503632.7	5410511.0	41213.10156	263.99	0	48.847559	-86.950484	56258.11	56244.6	5.39	56263.49	56266.83984	56208.42228	56208.84375	503632.7	5410511.0
L3630.0	503632.8	5410509.4	41213.19922	265.30	0	48.847544	-86.950484	56256.75	56244.6	5.39	56262.14	56265.52734	56208.40083	56208.83594	503632.8	5410509.4
L3630.0	503632.8	5410509.4	41213.30078	265.90	0	48.847544	-86.950484	56256.46	56244.6	5.39	56261.85	56265.28125	56208.31563	56208.76563	503632.8	5410509.4
L3630.0	503632.8	5410507.9	41213.39844	262.26	0	48.847531	-86.950484	56255.84	56244.6	5.39	56261.23	56264.70313	56208.19237	56208.65625	503632.8	5410507.9
L3630.0	503632.8	5410506.5	41213.50000	260.81	0	48.847518	-86.950483	56255.88	56244.6	5.38	56261.26	56264.77734	56208.00714	56208.48828	503632.8	5410506.5
L3630.0	503632.8	5410505.4	41213.60156	261.53	0	48.847508	-86.950483	56255.18	56244.6	5.38	56260.56	56264.12109	56207.74300	56208.23828	503632.8	5410505.4
L3630.0	503632.8	5410505.4	41213.69922	262.58	0	48.847508	-86.950483	56255.17	56244.6	5.38	56260.55	56264.15625	56207.38059	56207.89063	503632.8	5410505.4
L3630.0	503632.9	5410504.3	41213.80078	259.93	0	48.847498	-86.950483	56254.38	56244.6	5.38	56259.76	56263.41406	56206.89594	56207.42578	503632.9	5410504.3
L3630.0	503632.9	5410502.6	41213.89844	259.11	0	48.847483	-86.950482	56253.39	56244.6	5.38	56258.77	56262.46875	56206.29088	56206.83594	503632.9	5410502.6
L3630.0	503632.9	5410502.6	41214.00000	259.45	0	48.847483	-86.950482	56253.00	56244.6	5.38	56258.38	56262.12891	56205.58377	56206.14844	503632.9	5410502.6
L3630.0	503632.9	5410501.1	41214.10156	262.84	0	48.847469	-86.950482	56252.26	56244.6	5.38	56257.64	56261.43750	56204.76338	56205.34375	503632.9	5410501.1
L3630.0	503633.0	5410499.5	41214.19922	262.44	0	48.847455	-86.950481	56251.84	56244.6	5.37	56257.21	56261.05859	56203.85710	56204.45703	503633.0	5410499.5
L3630.0	503633.0	5410499.5	41214.30078	262.30	0	48.847455	-86.950481	56251.11	56244.6	5.37	56256.48	56260.37891	56202.87523	56203.49609	503633.0	5410499.5
L3630.0	503633.0	5410498.1	41214.39844	260.08	0	48.847443	-86.950481	56251.06	56244.6	5.37	56256.43	56260.38281	56201.84398	56202.48438	503633.0	5410498.1
L3630.0	503633.1	5410496.8	41214.39844	260.08	0	48.847431	-86.950480	56251.04	56244.6	5.37	56256.41	56260.41406	56200.78126	56201.44141	503633.1	5410496.8
L3630.0	503633.1	5410495.4	41214.60156	260.72	0	48.847418	-86.950480	56250.53	56244.6	5.36	56255.89	56259.94922	56199.72290	56200.40625	503633.1	5410495.4
L3630.0	503633.2	5410493.6	41214.69922	261.10	0	48.847403	-86.950479	56249.38	56244.6	5.36	56254.73	56258.84375	56198.70588	56199.41016	503633.2	5410493.6
L3630.0	503633.2	5410493.6	41214.80078	257.24	0	48.847403	-86.950479	56248.16	56244.6	5.36	56253.51	56257.68359	56197.73912	56198.46875	503633.2	5410493.6
L3630.0	503633.2	5410492.1	41214.89844	256.66	0	48.847389	-86.950478	56247.80	56244.6	5.35	56253.15	56257.37891	56196.80024	56197.55078	503633.2	5410492.1
L3630.0	503633.2	5410490.8	41215.00000	257.74	0	48.847377	-86.950478	56247.13	56244.7	5.35	56252.48	56256.76953	56195.90963	56196.68359	503633.2	5410490.8
L3630.0	503633.2	5410490.8	41215.10156	256.42	0	48.847377	-86.950478	56247.08	56244.6	5.35	56252.43	56256.78125	56195.02882	56195.82813	503633.2	5410490.8
L3630.0	503633.3	5410489.0	41215.19922	257.45	0	48.847361	-86.950477	56246.78	56244.6	5.35	56252.13	56256.54297	56194.18276	56195.00781	503633.3	5410489.0
L3630.0	503633.3	5410487.9	41215.30078	255.45	0	48.847351	-86.950477	56246.06	56244.6	5.36	56251.42	56255.89453	56193.37321	56194.22656	503633.3	5410487.9
L3630.0	503633.3	5410487.9	41215.39844	256.87	0	48.847351	-86.950477	56245.38	56244.6	5.36	56250.73	56255.26953	56192.57750	56193.45703	503633.3	5410487.9
L3630.0	503633.3	5410486.3	41215.50000	255.52	0	48.847337	-86.950477	56244.22	56244.6	5.36	56249.58	56254.18359	56191.80834	56192.71484	503633.3	5410486.3
L3630.0	503633.3	5410485.0	41215.60156	257.01	0	48.847324	-86.950477	56243.53	56244.6	5.36	56248.89	56253.55859	56191.02371	56191.96094	503633.3	5410485.0
L3630.0	503633.3	5410483.6	41215.69922	258.04	0	48.847312	-86.950477	56242.39	56244.6	5.36	56247.75	56252.48828	56190.26350	56191.23047	503633.3	5410483.6
L3630.0	503633.3	5410483.6	41215.80078	258.05	0	48.847312	-86.950477	56241.90	56244.6	5.37	56247.27	56252.07422	56189.47621	56190.47266	503633.3	5410483.6
L3630.0	503633.3	5410482.5	41215.89844	257.92	0	48.847302	-86.950477	56240.37	56244.6	5.37	56245.74	56250.61719	56188.74093	56189.76953	503633.3	5410482.5
L3630.0	503633.4	5410481.0	41216.00000	259.34	0	48.847288	-86.950476	56239.94	56244.6	5.37	56245.31	56250.25781	56187.96033	56189.01953	503633.4	5410481.0
L3630.0	503633.4	5410481.0	41216.10156	259.59	0	48.847288	-86.950476	56239.01	56244.6	5.37	56244.38	56249.39844	56187.21609	56188.30859	503633.4	5410481.0
L3630.0	503633.4	5410479.3	41216.19922	259.97	0	48.847274	-86.950476	56238.66	56244.6	5.37	56244.04	56249.13281	56186.46640	56187.59375	503633.4	5410479.3
L3630.0	503633.4	5410477.8	41216.30078	262.16	0	48.847260	-86.950475	56237.92	56244.6	5.37	56243.29	56248.45703	56185.75854	56186.92188	503633.4	5410477.8
L3630.0	503633.5	5410476.5	41216.39844	259.86	0	48.847248	-86.950474	56237.56	56244.6	5.37	56242.93	56248.17578	56185.06756	56186.26563	503633.5	5410476.5
L3630.0	503633.5	5410476.5	41216.39844	259.86	0	48.847248	-86.950474	56236.85	56244.6	5.37	56242.22	56247.54297	56184.43062	56185.66406	503633.5	5410476.5
L3630.0	503633.6	5410475.0	41216.60156	258.96	0	48.847235	-86.950474	56235.84	56244.6	5.38	56241.21	56246.60938	56183.85062	56185.12109	503633.6	5410475.0
L3630.0	503633.6	5410474.1	41216.69922	256.94	0	48.847227	-86.950473	56235.08	56244.6	5.38	56240.46	56245.94141	56183.31312	56184.62109	503633.6	5410474.1
L3630.0	503633.6	5410472.7	41216.80078	256.89	0	48.847214	-86.950473	56234.22	56244.6	5.38	56239.60	56245.16406	56182.82259	56184.17188	503633.6	5410472.7
L3630.0	503633.6	5410472.7	41216.89844	258.70	0	48.847214	-86.950473	56233.74	56244.6	5.38	56239.12	56244.76563	56182.36758	56183.75781	503633.6	5410472.7
L3630.0	503633.6	5410471.6	41217.00000	259.18	0	48.847204	-86.950472	56232.58	56244.6	5.38	56237.96	56243.69141	56181.94944	56183.37891	503633.6	5410471.6
L3630.0	503633.7	5410470.0	41217.10156	256.06	0	48.847190	-86.950472	56231.74	56244.6	5.38	56237.12	56242.93750	56181.54482	56183.01563	503633.7	5410470.0
L3630.0	503633.7	5410470.0	41217.19922	257.43	0	48.847190	-86.950472	56230.60	56244.6	5.38	56235.98	56241.88281	56181.14583	56182.66016	503633.7	5410470.0
L3630.0	503633.7	5410468.5	41217.30078	257.03	0	48.847176	-86.950472	56230.28	56244.6	5.38	56235.66	56241.65234	56180.75943	56182.32031	503633.7	5410468.5
L3630.0	503633.7	5410467.0	41217.39844	257.42	0	48.847162	-86.950471	56229.18	56244.6	5.38	56234.56	56240.64453	56180.34867	56181.95313	503633.7	5410467.0
L3630.0	503633.7	5410467.0	41217.50000	259.25	0	48.847162	-86.950471	56228.14	56244.6	5.39	56233.53	56239.70313	56179.91596	56181.56641	503633.7	5410467.0
L3630.0	503633.7	5410465.3	41217.60156	258.33	0	48.847148	-86.950471	56227.71	56244.6	5.39	56233.10	56239.36719	56179.47727	56181.17578	503633.7	5410465.3
L3630.0	503633.7	5410463.6	41217.69922	261.59	0	48.847133	-86.950471	56226.66	56244.6	5.39	56232.05	56238.41406	56178.96899	56180.71484	503633.7	5410463.6
L3630.0	503633.8	5410462.1	41217.80078	263.50	0	48.847118	-86.950471	56226.57	56244.6	5.39	56231.96	56238.41797	56178.45997	56180.25391	503633.8	5410462.1
L3630.0	503633.8	5410460.5	41217.89844	264.67	0	48.847104	-86.950471	56224.90	56244.6	5.39	56230.29	56236.84766	56177.79785	56179.64063	503633.8	5410460.5
L3630.0	503633.8	5410460.5	41218.00000	266.40	0	48.847104	-86.950471	56223.96	56244.6	5.39	56229.35	56236.00391	56177.11689	56179.01172	503633.8	5410460.5
L3630.0	503633.8	5410459.2	41218.10156	267.37	0	48.847092	-86.950471	56222.19	56244.6	5.39	56227.58	56234.33594	56176.31395	56178.26172	503633.8	5410459.2
L3630.0	503633.8	5410457.8	41218.19922	265.64	0	48.847080	-86.950471	56221.18	56244.6	5.39	56226.57	56233.42969	56175.50273	56177.50391	503633.8	5410457.8
L3630.0	503633.8	5410457.8	41218.30078	268.75	0	48.847080	-86.950471	56220.18	56244.6	5.39	56225.57	56232.53125	56174.63033	56176.68359	503633.8	5410457.8
L3630.0	503633.8	5410456.5	41218.39844	265.97	0	48.847068	-86.950471	56218.75	56244.6	5.39	56224.13	56231.19922	56173.65841	56175.76953	503633.8	5410456.5
L3630.0	503633.8	5410455.1	41218.39844	265.97	0	48.847056	-86.950471	56217.79	56244.6	5.39	56223.18	56230.35547	56172.65573	56174.82031	503633.8	5410455.1
L3630.0	503633.8	5410453.7	41218.60156	262.66	0	48.847043	-86.950471	56216.57	56244.6	5.38	56221.96	56229.24219	56171.56607	56173.78906	503633.8	5410453.7
L3630.0	503633.8	5410453.7	41218.69922	264.33	0	48.847043	-86.950471	56216.46	56244.6	5.38	56221.84	56229.23438	56170.48887	56172.76953	503633.8	5410453.7
L3630.0	503633.8	5410452.3	41218.80078	264.00	0	48.847031	-86.950471	56214.90	56244.6	5.38	56220.28	56227.78516	56169.23978	56171.57813	503633.8	5410452.3
L3630.0	503633.8	5410451.0	41218.89844	261.96	0	48.847019	-86.950471	56214.44	56244.6	5.38	56219.82	56227.44141	56167.99995	56170.39844	503633.8	5410451.0
L3630.0	503633.8	5410451.0	41219.00000	256.03	0	48.847019	-86.950471	56212.82	56244.6	5.38	56218.20	56225.93750	56166.63059	56169.09375	503633.8	5410451.0
L3630.0	503633.8	5410449.5	41219.10156	255.71	0	48.847005	-86.950471	56212.29	56244.6	5.38	56217.67	56225.52344	56165.27890	56167.80469	503633.8	5410449.5
L3630.0	503633.8	5410447.8	41219.19922	257.11	0	48.846990	-86.950471	56210.67	56244.6	5.38	56216.05	56224.02344	56163.83246	56166.41797	503633.8	5410447.8
L3630.0	503633.8	5410446.7	41219.30078	258.63	0	48.846981	-86.950471	56209.89	56244.6	5.38	56215.28	56223.37109	56162.38903	56165.03906	503633.8	5410446.7
L3630.0	503633.8	5410446.7	41219.39844	257.42	0	48.846981	-86.950471	56208.70	56244.6	5.38	56214.08	56222.29297	56160.90220	56163.62109	503633.8	5410446.7
L3630.0	503633.8	5410445.2	41219.50000	258.80	0	48.846967	-86.950471	56206.73	56244.6	5.39	56212.11	56220.44922	56159.38546	56162.16797	503633.8	5410445.2
L3630.0	503633.8	5410443.3	41219.60156	260.76	0	48.846949	-86.950470	56205.72	56244.6	5.39	56211.11	56219.57422	56157.88293	56160.73438	503633.8	5410443.3
L3630.0	503633.8	5410443.3	41219.69922	260.04	0	48.846949	-86.950470	56203.95	56244.6	5.39	56209.33	56217.92188	56156.37778	56159.29688	503633.8	5410443.3
L3630.0	503633.8	5410441.6	41219.80078	259.38	0	48.846934	-86.950470	56203.29	56244.6	5.39	56208.67	56217.39063	56154.87852	56157.86719	503633.8	5410441.6
L3630.0	503633.8	5410440.2	41219.89844	259.47	0	48.846922	-86.950470	56201.41	56244.6	5.39	56206.80	56215.65234	56153.39890	56156.46094	503633.8	5410440.2
L3630.0	503633.8	5410438.8	41220.00000	260.91	0	48.846909	-86.950470	56200.56	56244.6	5.39	56205.95	56214.93750	56151.91809	56155.05078	503633.8	5410438.8
L3630.0	503633.8	5410438.8	41220.10156	262.04	0	48.846909	-86.950470	56199.12	56244.6	5.39	56204.51	56213.63281	56150.45931	56153.66406	503633.8	5410438.8
L3630.0	503633.8	5410437.4	41220.19922	261.19	0	48.846897	-86.950470	56197.59	56244.6	5.39	56202.99	56212.25000	56149.01673	56152.29688	503633.8	5410437.4
L3630.0	503633.9	5410436.1	41220.30078	261.50	0	48.846885	-86.950470	56195.84	56244.6	5.39	56201.24	56210.63672	56147.60779	56150.96094	503633.9	5410436.1
L3630.0	503633.9	5410434.8	41220.39844	259.95	0	48.846873	-86.950470	56194.31	56244.6	5.39	56199.70	56209.23828	56146.22819	56149.65625	503633.9	5410434.8
L3630.0	503633.9	5410433.4	41220.39844	259.95	0	48.846860	-86.950469	56193.29	56244.6	5.39	56198.68	56208.36328	56144.86767	56148.37500	503633.9	5410433.4
L3630.0	503633.9	5410433.4	41220.60156	257.49	0	48.846860	-86.950469	56191.75	56244.6	5.40	56197.15	56206.97656	56143.58738	56147.17188	503633.9	5410433.4
L3630.0	503633.9	5410431.6	41220.69922	254.83	0	48.846844	-86.950469	56190.98	56244.6	5.40	56196.37	56206.34375	56142.32621	56145.98828	503633.9	5410431.6
L3630.0	503633.9	5410431.6	41220.80078	253.35	0	48.846844	-86.950469	56189.06	56244.6	5.40	56194.46	56204.58203	56141.20062	56144.94141	503633.9	5410431.6
L3630.0	503633.9	5410430.2	41220.89844	253.90	0	48.846832	-86.950469	56187.66	56244.6	5.40	56193.06	56203.33203	56140.13239	56143.95313	503633.9	5410430.2
L3630.0	503634.0	5410428.9	41221.00000	255.21	0	48.846820	-86.950468	56185.38	56244.6	5.40	56190.78	56201.20703	56139.20917	56143.11328	503634.0	5410428.9
L3630.0	503634.0	5410427.0	41221.10156	254.61	0	48.846803	-86.950468	56184.38	56244.6	5.40	56189.78	56200.35938	56138.32370	56142.30859	503634.0	5410427.0
L3630.0	503634.0	5410425.9	41221.19922	254.37	0	48.846793	-86.950468	56182.43	56244.6	5.40	56187.83	56198.56641	56137.59949	56141.66797	503634.0	5410425.9
L3630.0	503634.0	5410425.9	41221.30078	253.40	0	48.846793	-86.950468	56181.25	56244.6	5.40	56186.65	56197.54688	56136.96345	56141.11719	503634.0	5410425.9
L3630.0	503634.1	5410424.7	41221.39844	253.52	0	48.846782	-86.950467	56179.64	56244.6	5.40	56185.04	56196.09766	56136.46021	56140.69922	503634.1	5410424.7
L3630.0	503634.1	5410423.4	41221.50000	255.35	0	48.846770	-86.950467	56177.96	56244.6	5.40	56183.36	56194.58203	56136.07012	56140.39844	503634.1	5410423.4
L3630.0	503634.1	5410422.0	41221.60156	256.39	0	48.846758	-86.950467	56176.42	56244.6	5.40	56181.82	56193.20703	56135.78943	56140.20313	503634.1	5410422.0
L3630.0	503634.1	5410422.0	41221.69922	255.63	0	48.846758	-86.950467	56173.80	56244.6	5.40	56179.20	56190.75391	56135.56256	56140.06641	503634.1	5410422.0
L3630.0	503634.1	5410420.9	41221.80078	255.88	0	48.846748	-86.950466	56172.12	56244.6	5.40	56177.52	56189.24609	56135.42958	56140.02344	503634.1	5410420.9
L3630.0	503634.2	5410419.3	41221.89844	258.65	0	48.846733	-86.950466	56170.41	56244.6	5.40	56175.81	56187.70703	56135.34616	56140.02734	503634.2	5410419.3
L3630.0	503634.2	5410417.9	41222.00000	262.33	0	48.846721	-86.950466	56169.51	56244.6	5.40	56174.91	56186.98047	56135.39206	56140.16406	503634.2	5410417.9
L3630.0	503634.2	5410417.9	41222.10156	264.98	0	48.846721	-86.950466	56167.52	56244.6	5.40	56172.93	56185.17969	56135.33304	56140.19922	503634.2	5410417.9

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L3630.0	503634.2	5410416.5	41222.19922	266.10	0	48.846709	-86.950465	56165.42	56244.6	5.40	56170.82	56183.24609	56135.21935	56140.17578	503634.2	5410416.5
L3630.0	503634.2	5410415.1	41222.30078	270.61	0	48.846695	-86.950465	56163.20	56244.6	5.41	56168.60	56181.21094	56132.60477	56137.65625	503634.2	5410415.1
L3630.0	503634.2	5410413.7	41222.39844	273.93	0	48.846683	-86.950465	56161.39	56244.6	5.41	56166.80	56179.59375	56132.54126	56137.68750	503634.2	5410413.7
L3630.0	503634.2	5410413.7	41222.39844	273.93	0	48.846683	-86.950465	56159.38	56244.6	5.41	56164.79	56177.76953	56132.38010	56137.62109	503634.2	5410413.7
L3630.0	503634.2	5410412.4	41222.60156	274.59	0	48.846671	-86.950465	56157.77	56244.6	5.41	56163.18	56176.34766	56132.09541	56137.43359	503634.2	5410412.4
L3630.0	503634.3	5410410.8	41222.69922	276.53	0	48.846658	-86.950464	56156.50	56244.6	5.41	56161.91	56175.26953	56131.70796	56137.14453	503634.3	5410410.8
L3630.0	503634.3	5410409.7	41222.80078	276.18	0	48.846647	-86.950464	56155.14	56244.6	5.42	56160.56	56174.10938	56131.19559	56136.73047	503634.3	5410409.7
L3630.0	503634.3	5410408.2	41222.89844	277.86	0	48.846634	-86.950464	56154.16	56244.6	5.42	56159.58	56173.32422	56130.58890	56136.22266	503634.3	5410408.2
L3630.0	503634.3	5410408.2	41223.00000	278.71	0	48.846634	-86.950464	56152.27	56244.6	5.42	56157.69	56171.63281	56129.73345	56135.46484	503634.3	5410408.2
L3630.0	503634.3	5410406.4	41223.10156	278.90	0	48.846618	-86.950464	56149.54	56244.6	5.42	56154.96	56169.10547	56128.58536	56134.41797	503634.3	5410406.4
L3630.0	503634.3	5410405.0	41223.19922	277.22	0	48.846605	-86.950464	56146.85	56244.6	5.43	56152.27	56166.61719	56127.25420	56133.18750	503634.3	5410405.0
L3630.0	503634.3	5410403.7	41223.30078	277.75	0	48.846593	-86.950465	56144.98	56244.6	5.43	56150.41	56164.96094	56125.88418	56131.92188	503634.3	5410403.7
L3630.0	503634.3	5410403.7	41223.39844	277.37	0	48.846593	-86.950465	56143.64	56244.6	5.43	56149.07	56163.82813	56124.45067	56130.58984	503634.3	5410403.7
L3630.0	503634.2	5410401.8	41223.50000	276.19	0	48.846576	-86.950465	56141.93	56244.6	5.43	56147.36	56162.32813	56122.82595	56129.07031	503634.2	5410401.8
L3630.0	503634.2	5410400.3	41223.60156	274.21	0	48.846563	-86.950465	56139.92	56244.6	5.44	56145.36	56160.53906	56121.03850	56127.38672	503634.2	5410400.3
L3630.0	503634.2	5410400.3	41223.69922	273.71	0	48.846563	-86.950465	56138.27	56244.6	5.44	56143.71	56159.10547	56119.19278	56125.64453	503634.2	5410400.3
L3630.0	503634.2	5410398.7	41223.80078	275.40	0	48.846549	-86.950466	56136.31	56244.6	5.44	56141.76	56157.37500	56117.21791	56123.77734	503634.2	5410398.7
L3630.0	503634.1	5410397.5	41223.89844	273.56	0	48.846538	-86.950466	56134.79	56244.6	5.45	56140.23	56156.06250	56115.21123	56121.87891	503634.1	5410397.5
L3630.0	503634.1	5410396.2	41224.00000	272.30	0	48.846526	-86.950466	56132.30	56244.6	5.45	56137.75	56153.80469	56113.06743	56119.83984	503634.1	5410396.2
L3630.0	503634.1	5410396.2	41224.10156	271.23	0	48.846526	-86.950466	56130.49	56244.5	5.45	56135.94	56152.21875	56110.93762	56117.82031	503634.1	5410396.2
L3630.0	503634.1	5410394.9	41224.19922	270.41	0	48.846515	-86.950467	56127.83	56244.5	5.45	56133.28	56149.78906	56108.76077	56115.75000	503634.1	5410394.9
L3630.0	503634.1	5410393.8	41224.30078	270.23	0	48.846504	-86.950467	56125.96	56244.5	5.45	56131.41	56148.14844	56106.59911	56113.69922	503634.1	5410393.8
L3630.0	503634.1	5410393.8	41224.39844	270.42	0	48.846504	-86.950467	56123.88	56244.5	5.45	56129.33	56146.30078	56104.43637	56111.64844	503634.1	5410393.8
L3630.0	503634.1	5410392.2	41224.39844	270.42	0	48.846490	-86.950467	56122.20	56244.5	5.45	56127.65	56144.85547	56102.25873	56109.58203	503634.1	5410392.2
L3630.0	503634.0	5410390.9	41224.60156	269.21	0	48.846478	-86.950468	56120.39	56244.5	5.46	56125.85	56143.29297	56101.83263	56109.26953	503634.0	5410390.9
L3630.0	503634.0	5410389.3	41224.69922	269.65	0	48.846464	-86.950468	56118.19	56244.5	5.46	56123.64	56141.32422	56099.67018	56107.21875	503634.0	5410389.3
L3630.0	503634.0	5410389.3	41224.80078	262.39	0	48.846464	-86.950468	56116.29	56244.5	5.46	56121.75	56139.67578	56097.59101	56105.25391	503634.0	5410389.3
L3630.0	503634.0	5410387.5	41224.89844	259.59	0	48.846448	-86.950468	56113.06	56244.5	5.46	56118.52	56136.69141	56095.36126	56103.13672	503634.0	5410387.5
L3630.0	503634.0	5410386.4	41225.00000	260.55	0	48.846438	-86.950469	56111.34	56244.5	5.46	56116.80	56135.21875	56093.37603	56101.26953	503634.0	5410386.4
L3630.0	503634.0	5410386.4	41225.10156	261.95	0	48.846438	-86.950469	56108.66	56244.5	5.46	56114.12	56132.78906	56091.33086	56099.33984	503634.0	5410386.4
L3630.0	503633.9	5410384.8	41225.19922	263.19	0	48.846423	-86.950469	56107.29	56244.5	5.47	56112.75	56131.67188	56089.43629	56097.56250	503633.9	5410384.8
L3630.0	503633.9	5410383.1	41225.30078	261.12	0	48.846408	-86.950469	56105.58	56244.5	5.47	56111.05	56130.22656	56087.54267	56095.78516	503633.9	5410383.1
L3630.0	503633.9	5410382.0	41225.39844	259.27	0	48.846398	-86.950469	56103.82	56244.5	5.47	56109.29	56128.72266	56085.68168	56094.04297	503633.9	5410382.0
L3630.0	503633.9	5410380.6	41225.50000	258.96	0	48.846386	-86.950470	56101.78	56244.5	5.47	56107.25	56126.94531	56083.85912	56092.33984	503633.9	5410380.6
L3630.0	503633.9	5410380.6	41225.60156	260.52	0	48.846386	-86.950470	56098.71	56244.5	5.48	56104.19	56124.14844	56082.09918	56090.69922	503633.9	5410380.6
L3630.0	503633.9	5410379.5	41225.69922	260.36	0	48.846376	-86.950470	56097.35	56244.5	5.48	56102.83	56123.05078	56080.38327	56089.10156	503633.9	5410379.5
L3630.0	503633.9	5410377.8	41225.80078	260.31	0	48.846361	-86.950470	56094.16	56244.5	5.48	56099.65	56120.14063	56078.75815	56087.59766	503633.9	5410377.8
L3630.0	503633.9	5410377.8	41225.89844	256.97	0	48.846361	-86.950470	56092.95	56244.5	5.49	56098.44	56119.19922	56077.11508	56086.07813	503633.9	5410377.8
L3630.0	503633.9	5410375.7	41226.00000	252.82	0	48.846342	-86.950469	56090.54	56244.5	5.49	56096.03	56117.06250	56075.56601	56084.65234	503633.9	5410375.7
L3630.0	503634.0	5410374.1	41226.10156	253.34	0	48.846327	-86.950469	56089.11	56244.5	5.49	56094.60	56115.91016	56074.00408	56083.21484	503634.0	5410374.1
L3630.0	503634.0	5410374.1	41226.19922	253.49	0	48.846327	-86.950469	56086.77	56244.5	5.49	56092.27	56113.85547	56072.60419	56081.93750	503634.0	5410374.1
L3630.0	503634.0	5410372.3	41226.30078	255.31	0	48.846311	-86.950468	56085.16	56244.5	5.50	56090.66	56112.52734	56071.20631	56080.66406	503634.0	5410372.3
L3630.0	503634.0	5410371.0	41226.39844	253.96	0	48.846300	-86.950468	56083.46	56244.5	5.50	56088.96	56111.10938	56069.81237	56079.39844	503634.0	5410371.0
L3630.0	503634.0	5410369.7	41226.39844	253.96	0	48.846287	-86.950468	56080.88	56244.5	5.50	56086.38	56108.81250	56068.47513	56078.18750	503634.0	5410369.7
L3630.0	503634.0	5410369.7	41226.60156	255.12	0	48.846287	-86.950468	56079.39	56244.5	5.50	56084.89	56107.60938	56067.06336	56076.90234	503634.0	5410369.7
L3630.0	503634.1	5410368.1	41226.69922	256.94	0	48.846273	-86.950468	56076.31	56244.5	5.50	56081.81	56104.82031	56065.75585	56075.72266	503634.1	5410368.1
L3630.0	503634.1	5410366.6	41226.80078	258.52	0	48.846259	-86.950468	56075.29	56244.5	5.51	56080.79	56104.09375	56064.32798	56074.42578	503634.1	5410366.6
L3630.0	503634.1	5410366.6	41226.89844	257.90	0	48.846259	-86.950468	56072.44	56244.5	5.51	56077.95	56101.54688	56063.11242	56073.33984	503634.1	5410366.6
L3630.0	503634.0	5410365.3	41227.00000	258.90	0	48.846248	-86.950468	56071.30	56244.5	5.51	56076.81	56100.70313	56061.81838	56072.17578	503634.0	5410365.3
L3630.0	503634.0	5410364.1	41227.10156	256.84	0	48.846237	-86.950468	56068.77	56244.5	5.51	56074.28	56098.47266	56060.60667	56071.09766	503634.0	5410364.1
L3630.0	503634.0	5410362.4	41227.19922	257.63	0	48.846222	-86.950468	56067.04	56244.5	5.51	56072.56	56097.05469	56059.37434	56069.99609	503634.0	5410362.4
L3630.0	503634.0	5410362.4	41227.30078	256.82	0	48.846222	-86.950468	56064.82	56244.5	5.52	56070.34	56095.13672	56058.15781	56068.91406	503634.0	5410362.4
L3630.0	503634.0	5410361.1	41227.39844	257.71	0	48.846210	-86.950468	56062.46	56244.5	5.52	56067.98	56093.08203	56056.92989	56067.82031	503634.0	5410361.1
L3630.0	503634.0	5410359.3	41227.50000	260.65	0	48.846194	-86.950468	56060.97	56244.5	5.52	56066.49	56091.90234	56055.70524	56066.73047	503634.0	5410359.3
L3630.0	503634.0	5410357.9	41227.60156	260.59	0	48.846182	-86.950469	56058.32	56244.5	5.52	56063.85	56089.57031	56054.42616	56065.58984	503634.0	5410357.9
L3630.0	503634.0	5410357.9	41227.69922	258.74	0	48.846182	-86.950469	56057.06	56244.5	5.52	56062.58	56088.61328	56053.19508	56064.49609	503634.0	5410357.9
L3630.0	503634.0	5410356.6	41227.80078	257.32	0	48.846170	-86.950469	56054.32	56244.5	5.53	56059.85	56086.19531	56051.83796	56063.27734	503634.0	5410356.6
L3630.0	503634.0	5410354.7	41227.89844	260.42	0	48.846152	-86.950469	56052.84	56244.5	5.53	56058.36	56085.02344	56050.55320	56062.12891	503634.0	5410354.7
L3630.0	503633.9	5410353.3	41228.00000	263.62	0	48.846140	-86.950469	56050.32	56244.5	5.53	56055.85	56082.83203	56049.12975	56060.84766	503633.9	5410353.3
L3630.0	503633.9	5410353.3	41228.10156	265.42	0	48.846140	-86.950469	56048.66	56244.5	5.53	56054.19	56081.49219	56047.77197	56059.62891	503633.9	5410353.3
L3630.0	503633.9	5410351.9	41228.19922	277.98	0	48.846127	-86.950470	56046.38	56244.5	5.53	56051.91	56079.53125	56046.29963	56058.29688	503633.9	5410351.9
L3630.0	503633.9	5410350.2	41228.30078	277.10	0	48.846112	-86.950470	56044.38	56244.5	5.53	56049.91	56077.85547	56044.83359	56056.97656	503633.9	5410350.2
L3630.0	503633.9	5410348.7	41228.39844	275.21	0	48.846099	-86.950470	56042.62	56244.5	5.53	56048.15	56076.42188	56043.38014	56055.66406	503633.9	5410348.7
L3630.0	503633.9	5410348.7	41228.39844	275.21	0	48.846099	-86.950470	56040.06	56244.5	5.53	56045.59	56074.19141	56041.78181	56054.21094	503633.9	5410348.7
L3630.0	503633.8	5410346.8	41228.60156	273.17	0	48.846081	-86.950471	56038.67	56244.5	5.53	56044.20	56073.12891	56040.35900	56052.93359	503633.8	5410346.8
L3630.0	503633.8	5410346.8	41228.69922	271.43	0	48.846081	-86.950471	56036.26	56244.5	5.53	56041.79	56071.05078	56038.76523	56051.48828	503633.8	5410346.8
L3630.0	503633.8	5410345.4	41228.80078	271.55	0	48.846069	-86.950472	56034.90	56244.5	5.53	56040.43	56070.02344	56037.33379	56050.20313	503633.8	5410345.4
L3630.0	503633.8	5410344.3	41228.89844	270.73	0	48.846059	-86.950472	56031.91	56244.5	5.53	56037.44	56067.36719	56035.65029	56048.66797	503633.8	5410344.3
L3630.0	503633.7	5410342.6	41229.00000	271.59	0	48.846043	-86.950473	56030.29	56244.5	5.53	56035.82	56066.08203	56034.18054	56047.34766	503633.7	5410342.6
L3630.0	503633.7	5410341.3	41229.10156	270.57	0	48.846032	-86.950473	56027.79	56244.5	5.53	56033.32	56063.91797	56032.58945	56045.90625	503633.7	5410341.3
L3630.0	503633.7	5410341.3	41229.19922	271.29	0	48.846032	-86.950473	56025.96	56244.5	5.54	56031.50	56062.43750	56031.10300	56044.57031	503633.7	5410341.3
L3630.0	503633.6	5410340.2	41229.30078	266.74	0	48.846022	-86.950474	56024.27	56244.5	5.54	56029.82	56061.09766	56029.64022	56043.25781	503633.6	5410340.2
L3630.0	503633.6	5410338.3	41229.39844	263.61	0	48.846005	-86.950474	56022.05	56244.5	5.55	56027.59	56059.20703	56028.11618	56041.88672	503633.6	5410338.3
L3630.0	503633.6	5410338.3	41229.50000	260.05	0	48.846005	-86.950474	56019.97	56244.5	5.55	56025.52	56057.48047	56026.62091	56040.54688	503633.6	5410338.3
L3630.0	503633.6	5410336.9	41229.60156	257.35	0	48.845993	-86.950475	56017.27	56244.4	5.55	56022.82	56055.12500	56025.06427	56039.14453	503633.6	5410336.9
L3630.0	503633.5	5410335.7	41229.69922	254.33	0	48.845982	-86.950475	56015.83	56244.4	5.56	56021.39	56054.03906	56023.64944	56037.88672	503633.5	5410335.7
L3630.0	503633.5	5410335.7	41229.80078	254.76	0	48.845982	-86.950475	56013.17	56244.4	5.56	56018.73	56051.72656	56022.10531	56036.50000	503633.5	5410335.7
L3630.0	503633.5	5410334.3	41229.89844	257.26	0	48.845969	-86.950476	56011.50	56244.4	5.57	56017.07	56050.41016	56020.66077	56035.21094	503633.5	5410334.3
L3630.0	503633.4	5410332.5	41230.00000	260.09	0	48.845953	-86.950476	56009.50	56244.4	5.57	56015.07	56048.75781	56019.17328	56033.88281	503633.4	5410332.5
L3630.0	503633.4	5410331.1	41230.10156	260.99	0	48.845940	-86.950477	56008.32	56244.4	5.57	56013.89	56047.92969	56017.76305	56032.63281	503633.4	5410331.1
L3630.0	503633.4	5410331.1	41230.19922	263.54	0	48.845940	-86.950477	56006.54	56244.4	5.57	56012.11	56046.50000	56016.27713	56031.30859	503633.4	5410331.1
L3630.0	503633.3	5410329.3	41230.30078	263.70	0	48.845924	-86.950478	56004.19	56244.4	5.57	56009.76	56044.50000	56014.70471	56029.89844	503633.3	5410329.3
L3630.0	503633.3	5410328.0	41230.39844	263.76	0	48.845912	-86.950478	56001.84	56244.4	5.57	56007.41	56042.50000	56013.10227	56028.45703	503633.3	5410328.0
L3630.0	503633.3	5410328.0	41230.39844	263.76	0	48.845912	-86.950478	55998.52	56244.4	5.57	56004.10	56039.54297	56011.32267	56026.83984	503633.3	5410328.0
L3630.0	503633.3	5410326.6	41230.60156	268.78	0	48.845900	-86.950479	55996.70	56244.4	5.58	56002.28	56038.07422	56009.72365	56025.40625	503633.3	5410326.6
L3630.0	503633.2	5410324.7	41230.69922	269.45	0	48.845883	-86.950480	55993.94	56244.4	5.58	55999.52	56035.66797	56007.93428	56023.78125	503633.2	5410324.7
L3630.0	503633.2	5410324.7	41230.80078	269.69	0	48.845883	-86.950480	55992.66	56244.4	5.58	55998.24	56034.73828	56006.38816	56022.40234	503633.2	5410324.7
L3630.0	503633.1	5410323.1	41230.89844	272.91	0	48.845868	-86.950481	55990.40	56244.4	5.58	55995.98	56032.83203	56005.03206	56021.21484	503633.1	5410323.1
L3630.0	503633.1	5410321.5	41231.00000	270.84	0	48.845853	-86.950481	55987.88	56244.4	5.58	55993.46	56030.66797	56003.34046	56019.68750	503633.1	5410321.5
L3630.0	503633.1	5410320.4	41231.10156	270.40	0	48.845844	-86.950482	55985.68	56244.4	5.58	55991.26	56028.82031	56001.61453	56018.13281	503633.1	5410320.4
L3630.0	503633.0	5410318.7	41231.19922	272.37	0	48.845828	-86.950482	55983.50	56244.4	5.58	55989.08	56026.99609	55999.88895	56016.57422	503633.0	5410318.7
L3630.0	503633.0	5410318.7	41231.30078	273.55	0	48.845828	-86.950482	55982.08	56244.4	5.59	55987.66	56025.92969	55998.18182	56015.03906	503633.0	5410318.7
L3630.0	503633.0	5410317.5	41231.39844	271.59	0	48.845818	-86.950483	55978.84	56244.4	5.59	55984.43	56023.05469	55996.48561	56013.51563	503633.0	5410317.5

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L3630.0	503633.0	5410316.1	41231.50000	270.86	0	48.845806	-86.950483	55977.15	56244.4	5.59	55982.74	56021.71875	55994.83196	56012.03125	503633.0	5410316.1
L3630.0	503632.9	5410314.5	41231.60156	273.71	0	48.845791	-86.950483	55974.21	56244.4	5.59	55979.81	56019.14453	55993.16913	56010.54297	503632.9	5410314.5
L3630.0	503632.9	5410314.5	41231.69922	273.20	0	48.845791	-86.950483	55972.75	56244.4	5.59	55978.34	56018.02734	55991.57828	56009.12500	503632.9	5410314.5
L3630.0	503632.9	5410312.6	41231.80078	272.80	0	48.845774	-86.950484	55969.96	56244.4	5.60	55975.56	56015.60156	55989.96331	56007.68359	503632.9	5410312.6
L3630.0	503632.9	5410311.2	41231.89844	271.86	0	48.845761	-86.950484	55968.07	56244.4	5.60	55973.66	56014.05469	55988.40513	56006.30078	503632.9	5410311.2
L3630.0	503632.9	5410311.2	41232.00000	272.79	0	48.845761	-86.950484	55965.54	56244.4	5.60	55971.14	56011.89063	55986.84217	56004.91406	503632.9	5410311.2
L3630.0	503632.9	5410309.5	41232.10156	272.36	0	48.845746	-86.950484	55963.32	56244.4	5.60	55968.92	56010.02344	55985.30962	56003.55469	503632.9	5410309.5
L3630.0	503632.9	5410308.0	41232.19922	269.95	0	48.845733	-86.950484	55961.24	56244.4	5.61	55966.85	56008.30469	55983.79446	56002.21875	503632.9	5410308.0
L3630.0	503632.9	5410306.0	41232.30078	267.47	0	48.845715	-86.950484	55958.33	56244.4	5.61	55963.94	56005.74609	55982.25270	56000.85156	503632.9	5410306.0
L3630.0	503632.9	5410306.0	41232.39844	266.95	0	48.845715	-86.950484	55956.58	56244.4	5.62	55962.20	56004.35547	55980.76365	55999.54297	503632.9	5410306.0
L3630.0	503632.8	5410304.3	41232.39844	266.95	0	48.845699	-86.950485	55953.17	56244.4	5.62	55958.79	56001.29688	55979.21074	55998.16797	503632.8	5410304.3
L3630.0	503632.8	5410302.7	41232.60156	269.01	0	48.845685	-86.950485	55951.45	56244.4	5.62	55957.07	55999.92578	55977.73253	55996.86719	503632.8	5410302.7
L3630.0	503632.8	5410302.7	41232.69922	270.55	0	48.845685	-86.950485	55948.26	56244.4	5.63	55953.89	55997.09375	55976.20225	55995.51953	503632.8	5410302.7
L3630.0	503632.8	5410301.0	41232.80078	270.66	0	48.845669	-86.950486	55946.14	56244.4	5.63	55951.77	55995.32031	55974.72608	55994.22266	503632.8	5410301.0
L3630.0	503632.7	5410299.5	41232.89844	270.12	0	48.845656	-86.950486	55943.43	56244.4	5.64	55949.07	55992.96875	55973.24472	55992.92188	503632.7	5410299.5
L3630.0	503632.7	5410299.5	41233.00000	270.55	0	48.845656	-86.950486	55940.50	56244.4	5.64	55946.14	55990.38281	55971.77953	55991.63672	503632.7	5410299.5
L3630.0	503632.7	5410297.6	41233.10156	269.44	0	48.845639	-86.950487	55939.23	56244.4	5.64	55944.88	55989.46484	55970.40995	55990.44922	503632.7	5410297.6
L3630.0	503632.7	5410295.9	41233.19922	269.44	0	48.845623	-86.950487	55936.90	56244.4	5.64	55942.55	55987.47656	55969.03572	55989.25781	503632.7	5410295.9
L3630.0	503632.7	5410295.9	41233.30078	270.51	0	48.845623	-86.950487	55935.48	56244.4	5.65	55941.13	55986.39844	55967.73346	55988.13672	503632.7	5410295.9
L3630.0	503632.6	5410294.3	41233.39844	270.96	0	48.845609	-86.950487	55932.53	56244.4	5.65	55938.18	55983.78906	55966.43503	55987.01953	503632.6	5410294.3
L3630.0	503632.6	5410294.3	41233.50000	272.48	0	48.845609	-86.950487	55930.68	56244.3	5.65	55936.33	55982.27734	55965.22538	55985.99219	503632.6	5410294.3
L3630.0	503632.6	5410292.9	41233.60156	273.89	0	48.845597	-86.950488	55927.12	56244.3	5.65	55932.77	55979.05469	55964.05592	55985.00391	503632.6	5410292.9
L3630.0	503632.6	5410291.2	41233.69922	273.76	0	48.845582	-86.950488	55924.96	56244.3	5.65	55930.62	55977.23828	55962.98945	55984.12109	503632.6	5410291.2
L3630.0	503632.6	5410291.2	41233.80078	274.06	0	48.845582	-86.950488	55922.79	56244.3	5.66	55928.45	55975.40234	55962.00666	55983.32422	503632.6	5410291.2
L3630.0	503632.6	5410290.0	41233.89844	272.57	0	48.845571	-86.950489	55920.99	56244.3	5.66	55926.65	55973.93359	55961.10841	55982.60938	503632.6	5410290.0
L3630.0	503632.5	5410288.4	41234.00000	271.83	0	48.845557	-86.950489	55919.98	56244.3	5.66	55925.64	55973.25391	55960.27148	55981.95313	503632.5	5410288.4
L3630.0	503632.5	5410288.4	41234.10156	269.99	0	48.845557	-86.950489	55917.45	56244.3	5.66	55923.12	55971.06250	55959.57982	55981.44531	503632.5	5410288.4
L3630.0	503632.5	5410287.0	41234.19922	268.32	0	48.845544	-86.950489	55915.71	56244.3	5.67	55921.37	55969.63672	55958.95653	55981.00781	503632.5	5410287.0
L3630.0	503632.5	5410285.9	41234.30078	266.77	0	48.845533	-86.950490	55912.39	56244.3	5.67	55918.06	55966.65234	55958.56975	55980.80469	503632.5	5410285.9
L3630.0	503632.5	5410284.0	41234.39844	265.72	0	48.845517	-86.950490	55910.98	56244.3	5.67	55916.65	55965.56250	55953.55270	55975.96875	503632.5	5410284.0
L3630.0	503632.5	5410284.0	41234.39844	265.72	0	48.845517	-86.950490	55908.35	56244.3	5.67	55914.02	55963.25000	55952.94522	55975.54688	503632.5	5410284.0
L3630.0	503632.4	5410283.0	41234.60156	264.38	0	48.845507	-86.950491	55907.21	56244.3	5.68	55912.89	55962.43750	55952.66747	55975.44922	503632.4	5410283.0
L3630.0	503632.4	5410281.6	41234.69922	263.36	0	48.845495	-86.950491	55905.87	56244.3	5.68	55911.55	55961.41406	55952.40520	55975.37109	503632.4	5410281.6
L3630.0	503632.4	5410280.4	41234.80078	264.21	0	48.845484	-86.950492	55904.18	56244.3	5.68	55909.86	55960.03516	55952.14553	55975.29688	503632.4	5410280.4
L3630.0	503632.4	5410280.4	41234.89844	264.86	0	48.845484	-86.950492	55902.13	56244.3	5.69	55907.81	55958.29688	55951.89528	55975.22656	503632.4	5410280.4
L3630.0	503632.3	5410278.5	41235.00000	264.17	0	48.845467	-86.950492	55899.26	56244.3	5.69	55904.95	55955.74219	55951.62683	55975.14063	503632.3	5410278.5
L3630.0	503632.3	5410277.3	41235.10156	264.81	0	48.845457	-86.950493	55897.98	56244.3	5.69	55903.67	55954.76953	55951.49851	55975.19531	503632.3	5410277.3
L3630.0	503632.3	5410277.3	41235.19922	263.15	0	48.845457	-86.950493	55895.55	56244.3	5.69	55901.24	55952.64063	55951.29582	55975.17578	503632.3	5410277.3
L3630.0	503632.2	5410276.1	41235.30078	260.47	0	48.845445	-86.950493	55894.96	56244.3	5.69	55900.66	55952.35938	55951.12674	55975.18750	503632.2	5410276.1
L3630.0	503632.2	5410275.1	41235.39844	258.14	0	48.845436	-86.950494	55893.27	56244.3	5.69	55898.97	55950.96875	55950.86875	55975.10938	503632.2	5410275.1
L3630.0	503632.1	5410274.1	41235.50000	258.60	0	48.845427	-86.950495	55892.31	56244.3	5.69	55898.01	55950.30078	55950.55371	55974.97656	503632.1	5410274.1
L3630.0	503632.1	5410274.1	41235.60156	256.22	0	48.845427	-86.950495	55890.54	56244.3	5.70	55896.23	55948.81250	55950.17624	55974.78125	503632.1	5410274.1
L3630.0	503632.1	5410272.6	41235.69922	256.02	0	48.845414	-86.950495	55889.10	56244.3	5.70	55894.79	55947.66016	55949.72671	55974.51172	503632.1	5410272.6
L3630.0	503632.0	5410271.3	41235.80078	252.63	0	48.845402	-86.950496	55887.84	56244.3	5.70	55893.53	55946.68359	55949.19704	55974.16016	503632.0	5410271.3
L3630.0	503632.0	5410270.2	41235.89844	252.10	0	48.845392	-86.950497	55886.04	56244.3	5.70	55891.74	55945.17578	55948.61203	55973.75391	503632.0	5410270.2
L3630.0	503632.0	5410270.2	41236.00000	254.20	0	48.845392	-86.950497	55885.36	56244.3	5.70	55891.06	55944.77734	55947.90207	55973.22266	503632.0	5410270.2
L3630.0	503631.9	5410268.7	41236.10156	255.12	0	48.845379	-86.950497	55883.71	56244.3	5.70	55889.41	55943.40234	55947.15101	55972.64844	503631.9	5410268.7
L3630.0	503631.9	5410267.3	41236.19922	258.27	0	48.845366	-86.950498	55883.69	56244.3	5.71	55889.39	55943.65625	55946.23613	55971.91016	503631.9	5410267.3
L3630.0	503631.8	5410266.2	41236.30078	257.01	0	48.845356	-86.950499	55883.03	56244.3	5.71	55888.74	55943.27344	55945.26533	55971.11719	503631.8	5410266.2
L3630.0	503631.8	5410266.2	41236.39844	257.82	0	48.845356	-86.950499	55882.70	56244.3	5.71	55888.41	55943.21094	55944.19877	55970.22656	503631.8	5410266.2
L3630.0	503631.8	5410265.0	41236.39844	257.82	0	48.845346	-86.950499	55881.36	56244.3	5.71	55887.07	55942.13281	55943.09599	55969.30078	503631.8	5410265.0
L3630.0	503631.8	5410265.0	41236.60156	256.59	0	48.845346	-86.950499	55880.37	56244.3	5.72	55886.09	55941.41406	55941.89620	55968.27344	503631.8	5410265.0
L3630.0	503631.8	5410263.5	41236.69922	253.15	0	48.845332	-86.950500	55879.54	56244.3	5.72	55885.26	55940.83984	55940.61084	55967.16406	503631.8	5410263.5
L3630.0	503631.7	5410262.6	41236.80078	252.68	0	48.845324	-86.950500	55878.02	56244.3	5.72	55883.74	55939.57031	55939.25541	55965.98047	503631.7	5410262.6
L3630.0	503631.7	5410261.3	41236.89844	256.19	0	48.845312	-86.950500	55877.48	56244.3	5.73	55883.21	55939.28906	55937.80636	55964.70313	503631.7	5410261.3
L3630.0	503631.7	5410260.3	41237.00000	256.93	0	48.845303	-86.950501	55875.94	56244.3	5.73	55881.67	55937.99609	55936.27719	55963.34766	503631.7	5410260.3
L3630.0	503631.7	5410260.3	41237.10156	258.10	0	48.845303	-86.950501	55876.27	56244.3	5.73	55882.01	55938.57813	55934.70661	55961.94531	503631.7	5410260.3
L3630.0	503631.7	5410258.9	41237.19922	259.19	0	48.845291	-86.950501	55875.39	56244.3	5.74	55881.12	55937.92578	55933.05162	55960.46094	503631.7	5410258.9
L3630.0	503631.7	5410257.9	41237.30078	261.94	0	48.845281	-86.950501	55875.52	56244.3	5.74	55881.26	55938.30078	55931.39540	55958.97656	503631.7	5410257.9
L3630.0	503631.7	5410257.9	41237.39844	262.25	0	48.845281	-86.950501	55874.78	56244.3	5.74	55880.52	55937.79297	55929.64730	55957.39453	503631.7	5410257.9
L3630.0	503631.7	5410256.6	41237.50000	262.71	0	48.845270	-86.950501	55874.38	56244.3	5.75	55880.12	55937.62109	55927.88492	55955.80078	503631.7	5410256.6
L3630.0	503631.6	5410255.6	41237.60156	262.60	0	48.845261	-86.950502	55873.87	56244.3	5.75	55879.62	55937.34375	55926.08526	55954.16797	503631.6	5410255.6
L3630.0	503631.6	5410255.6	41237.69922	265.18	0	48.845261	-86.950502	55873.02	56244.2	5.75	55878.77	55936.71094	55924.21382	55952.46094	503631.6	5410255.6
L3630.0	503631.6	5410254.5	41237.80078	264.46	0	48.845251	-86.950502	55873.62	56244.2	5.75	55879.37	55937.52734	55922.55448	55950.96875	503631.6	5410254.5
L3630.0	503631.6	5410253.4	41237.89844	266.18	0	48.845241	-86.950502	55872.94	56244.2	5.76	55878.70	55937.07031	55920.69690	55949.27344	503631.6	5410253.4
L3630.0	503631.6	5410252.5	41238.00000	267.14	0	48.845233	-86.950502	55873.24	56244.2	5.76	55879.00	55937.57813	55923.72614	55952.46484	503631.6	5410252.5
L3630.0	503631.6	5410252.5	41238.10156	266.68	0	48.845233	-86.950502	55872.43	56244.2	5.76	55878.19	55936.97266	55921.82825	55950.73047	503631.6	5410252.5
L3630.0	503631.6	5410251.5	41238.19922	268.40	0	48.845224	-86.950503	55872.56	56244.2	5.76	55878.32	55937.30469	55919.94137	55949.00391	503631.6	5410251.5
L3630.0	503631.5	5410250.4	41238.30078	271.01	0	48.845214	-86.950503	55872.00	56244.2	5.77	55877.77	55936.94922	55918.13483	55947.35938	503631.5	5410250.4
L3630.0	503631.5	5410250.4	41238.39844	273.35	0	48.845214	-86.950503	55872.50	56244.2	5.77	55878.27	55937.64453	55916.44390	55945.82813	503631.5	5410250.4
L3630.0	503631.5	5410249.3	41238.39844	273.35	0	48.845205	-86.950503	55872.88	56244.2	5.77	55878.65	55938.21094	55914.87724	55944.41797	503631.5	5410249.3
L3630.0	503631.5	5410249.3	41238.60156	275.30	0	48.845205	-86.950503	55872.71	56244.2	5.77	55878.48	55938.22656	55913.38482	55943.08203	503631.5	5410249.3
L3630.0	503631.5	5410247.5	41238.69922	274.97	0	48.845189	-86.950504	55872.84	56244.2	5.77	55878.61	55938.53906	55912.03751	55941.89063	503631.5	5410247.5
L3630.0	503631.5	5410247.5	41238.80078	276.82	0	48.845189	-86.950504	55872.50	56244.2	5.78	55878.28	55938.38672	55910.74704	55940.75781	503631.5	5410247.5
L3630.0	503631.5	5410246.7	41238.89844	275.98	0	48.845181	-86.950504	55872.73	56244.2	5.78	55878.51	55938.78906	55909.65858	55939.82422	503631.5	5410246.7
L3630.0	503631.5	5410246.7	41239.00000	277.98	0	48.845181	-86.950504	55872.18	56244.2	5.78	55877.96	55938.40625	55908.55577	55938.87500	503631.5	5410246.7
L3630.0	503631.5	5410245.8	41239.10156	277.89	0	48.845173	-86.950504	55872.84	56244.2	5.78	55878.62	55939.23047	55907.79893	55938.26953	503631.5	5410245.8
L3630.0	503631.5	5410244.8	41239.19922	279.18	0	48.845164	-86.950504	55872.89	56244.2	5.78	55878.67	55939.44141	55907.04924	55937.67188	503631.5	5410244.8
L3630.0	503631.4	5410244.1	41239.30078	280.00	0	48.845158	-86.950504	55873.36	56244.2	5.78	55879.15	55940.07813	55906.51210	55937.28516	503631.4	5410244.1
L3630.0	503631.4	5410243.3	41239.39844	279.58	0	48.845151	-86.950504	55873.57	56244.2	5.78	55879.35	55940.43359	55906.03190	55936.95313	503631.4	5410243.3
L3630.0	503631.4	5410243.3	41239.39844	279.58	0	48.845151	-86.950504	55873.59	56244.2	5.78	55879.38	55940.61328	55905.62411	55936.69531	503631.4	5410243.3
L3630.0	503631.4	5410242.5	41239.60156	276.72	0	48.845143	-86.950505	55873.82	56244.2	5.79	55879.61	55940.98828	55905.36482	55936.58203	503631.4	5410242.5
L3630.0	503631.4	5410241.9	41239.69922	275.90	0	48.845138	-86.950505	55873.85	56244.2	5.79	55879.63	55941.14844	55905.14896	55936.51172	503631.4	5410241.9
L3630.0	503631.4	5410241.9	41239.80078	276.81	0	48.845138	-86.950505	55874.43	56244.2	5.79	55880.21	55941.86328	55905.13867	55936.64844	503631.4	5410241.9
L3630.0	503631.4	5410240.9	41239.89844	276.81	0	48.845129	-86.950505	55874.83	56244.2	5.79	55880.62	55942.40625	55905.15101	55936.80469	503631.4	5410240.9
L3630.0	503631.4	5410240.0	41240.00000	276.01	0	48.845121	-86.950505	55875.82	56244.2	5.79	55881.61	55943.52734	55905.33465	55937.13281	503631.4	5410240.0
L3630.0	503631.4	5410240.0	41240.00000	275.43	0	48.845121	-86.950505	55876.12	56244.2	5.79	55881.91	55943.95313	55905.40279	55937.34375	503631.4	5410240.0
L3630.0	503631.4	5410239.1	41240.19922	275.37	0	48.845112	-86.950505	55876.32	56244.2	5.79	55882.11	55944.27344	55905.47421	55937.55469	503631.4	5410239.1
L3630.0	503631.4	5410238.3	41240.30078	274.82	0	48.845105	-86.950505	55876.22	56244.2	5.79	55882.01	55944.28906	55905.50247	55937.72266	503631.4	5410238.3
L3630.0	503631.4	5410237.5	41240.39844	273.42	0	48.845098	-86.950505	55876.30	56244.2	5.79	55882.09	55944.48438	55905.56919	55937.92969	503631.4	5410237.5
L3630.0	503631.4	5410237.5	41240.39844	273.42	0	48.845098	-86.950505	55876.68	56244.2	5.79	55882.47	55944.97266	55905.67978	55938.17969	503631.4	5410237.5
L3630.0	503631.4	5410236.8	41240.60156	274.24	0	48.845092	-86.950505	55876.86	56244.2	5.79	55882.65	55945.25781	55905.74084	55938.37891	503631.4	5410236.8
L3630.0	503631.4	5410236.0	41240.69922	273.08	0	48.845085	-86.950505	55877.44	56244.2	5.79	55883.23	55945.94141	55905.83879	55938.61328	503631.4	5410236.0

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L3630.0	503631.4	5410236.0	41240.80078	272.98	0	48.845085	-86.950505	55877.87	56244.2	5.79	55883.66	55946.46875	55905.88123	55938.79297	503631.4	5410236.0
L3630.0	503631.4	5410235.4	41240.89844	272.94	0	48.845079	-86.950505	55878.48	56244.2	5.79	55884.27	55947.17188	55905.91030	55938.95703	503631.4	5410235.4
L3630.0	503631.4	5410234.7	41241.00000	273.32	0	48.845073	-86.950504	55878.68	56244.2	5.79	55884.47	55947.46484	55905.85120	55939.03125	503631.4	5410234.7
L3630.0	503631.4	5410234.7	41241.10156	272.21	0	48.845073	-86.950504	55879.43	56244.2	5.79	55885.23	55948.30859	55905.83599	55939.15234	503631.4	5410234.7
L3630.0	503631.5	5410234.0	41241.19922	271.38	0	48.845067	-86.950504	55880.12	56244.2	5.80	55885.92	55949.08203	55905.78800	55939.23438	503631.5	5410234.0
L3630.0	503631.5	5410233.5	41241.30078	270.80	0	48.845062	-86.950504	55880.55	56244.2	5.80	55886.35	55949.59375	55905.69125	55939.26953	503631.5	5410233.5
L3630.0	503631.5	5410233.5	41241.39844	271.97	0	48.845062	-86.950504	55880.63	56244.2	5.81	55886.43	55949.74609	55905.54139	55939.25391	503631.5	5410233.5
L3630.0	503631.5	5410232.7	41241.50000	269.02	0	48.845055	-86.950504	55880.98	56244.2	5.81	55886.79	55950.17969	55905.41997	55939.26172	503631.5	5410232.7
L3630.0	503631.5	5410232.0	41241.60156	272.51	0	48.845048	-86.950504	55881.41	56244.2	5.81	55887.22	55950.67969	55905.30599	55939.27734	503631.5	5410232.0
L3630.0	503631.5	5410232.0	41241.69922	273.28	0	48.845048	-86.950504	55881.82	56244.2	5.82	55887.63	55951.15234	55905.19341	55939.29297	503631.5	5410232.0
L3630.0	503631.5	5410231.5	41241.80078	273.85	0	48.845045	-86.950504	55882.44	56244.2	5.82	55888.26	55951.84375	55905.11832	55939.34766	503631.5	5410231.5
L3630.0	503631.5	5410230.9	41241.89844	274.07	0	48.845039	-86.950503	55882.85	56244.2	5.83	55888.68	55952.32422	55905.03899	55939.39453	503631.5	5410230.9
L3630.0	503631.5	5410230.5	41242.00000	275.18	0	48.845035	-86.950503	55883.25	56244.2	5.83	55889.08	55952.77734	55904.98307	55939.46484	503631.5	5410230.5
L3630.0	503631.5	5410230.5	41242.10156	275.60	0	48.845035	-86.950503	55883.84	56244.2	5.83	55889.67	55953.41797	55904.97693	55939.58594	503631.5	5410230.5
L3630.0	503631.5	5410229.8	41242.19922	273.75	0	48.845029	-86.950503	55884.32	56244.2	5.83	55890.15	55953.94531	55904.98953	55939.72266	503631.5	5410229.8
L3630.0	503631.5	5410229.3	41242.30078	273.79	0	48.845025	-86.950503	55884.68	56244.2	5.83	55890.51	55954.35156	55905.02479	55939.88281	503631.5	5410229.3
L3630.0	503631.5	5410228.9	41242.39844	274.42	0	48.845021	-86.950503	55884.85	56244.2	5.83	55890.68	55954.56250	55905.07530	55940.05859	503631.5	5410228.9
L3630.0	503631.5	5410228.9	41242.39844	274.42	0	48.845021	-86.950503	55885.36	56244.2	5.83	55891.19	55955.10938	55905.17588	55940.28125	503631.5	5410228.9
L3630.0	503631.5	5410228.3	41242.60156	272.56	0	48.845015	-86.950503	55886.24	56244.2	5.83	55892.07	55956.02344	55905.30588	55940.53516	503631.5	5410228.3
L3630.0	503631.5	5410227.7	41242.69922	272.70	0	48.845010	-86.950503	55886.72	56244.2	5.83	55892.55	55956.53516	55905.41642	55940.76953	503631.5	5410227.7
L3630.0	503631.5	5410227.7	41242.80078	274.57	0	48.845010	-86.950503	55887.13	56244.2	5.83	55892.96	55956.97266	55905.52454	55941.00000	503631.5	5410227.7
L3630.0	503631.5	5410227.2	41242.89844	273.23	0	48.845005	-86.950503	55887.25	56244.2	5.83	55893.08	55957.12109	55905.63057	55941.22656	503631.5	5410227.2
L3630.0	503631.5	5410226.6	41243.00000	271.08	0	48.845000	-86.950503	55887.51	56244.2	5.83	55893.34	55957.40234	55905.73241	55941.44922	503631.5	5410226.6
L3630.0	503631.5	5410226.6	41243.10156	270.99	0	48.845000	-86.950503	55887.91	56244.2	5.83	55893.74	55957.82031	55905.81579	55941.65234	503631.5	5410226.6
L3630.0	503631.6	5410226.2	41243.19922	271.10	0	48.844996	-86.950503	55888.36	56244.2	5.83	55894.19	55958.28906	55905.87343	55941.82813	503631.6	5410226.2
L3630.0	503631.6	5410225.7	41243.30078	262.13	0	48.844992	-86.950503	55888.72	56244.2	5.83	55894.55	55958.66406	55905.70799	55941.78125	503631.6	5410225.7
L3630.0	503631.6	5410225.7	41243.39844	264.68	0	48.844992	-86.950503	55889.18	56244.2	5.83	55895.01	55959.13281	55905.78982	55941.98047	503631.6	5410225.7
L3630.0	503631.6	5410225.3	41243.50000	262.26	0	48.844989	-86.950502	55889.83	56244.2	5.83	55895.66	55959.79297	55905.87157	55942.17969	503631.6	5410225.3
L3630.0	503631.6	5410224.9	41243.60156	259.79	0	48.844985	-86.950502	55890.11	56244.2	5.83	55895.94	55960.07813	55905.86389	55942.29297	503631.6	5410224.9
L3630.0	503631.7	5410224.4	41243.69922	259.51	0	48.844980	-86.950501	55890.77	56244.2	5.83	55896.60	55960.74219	55905.87740	55942.42188	503631.7	5410224.4
L3630.0	503631.7	5410224.4	41243.80078	259.79	0	48.844980	-86.950501	55891.00	56244.2	5.83	55896.83	55960.97266	55905.80461	55942.46484	503631.7	5410224.4
L3630.0	503631.7	5410224.0	41243.89844	261.29	0	48.844977	-86.950501	55891.40	56244.2	5.83	55897.23	55961.37109	55905.72290	55942.50000	503631.7	5410224.0
L3630.0	503631.7	5410223.6	41244.00000	260.93	0	48.844973	-86.950500	55891.42	56244.2	5.83	55897.25	55961.38672	55905.57832	55942.47266	503631.7	5410223.6
L3630.0	503631.7	5410223.6	41244.10156	261.64	0	48.844973	-86.950500	55891.70	56244.2	5.83	55897.53	55961.66016	55905.43497	55942.44531	503631.7	5410223.6
L3630.0	503631.8	5410223.3	41244.19922	262.01	0	48.844970	-86.950500	55891.73	56244.2	5.83	55897.56	55961.67969	55905.25046	55942.37500	503631.8	5410223.3
L3630.0	503631.8	5410223.0	41244.30078	261.50	0	48.844968	-86.950500	55892.08	56244.2	5.83	55897.91	55962.01953	55905.06953	55942.30859	503631.8	5410223.0
L3630.0	503631.8	5410223.0	41244.39844	262.95	0	48.844968	-86.950500	55892.41	56244.2	5.83	55898.24	55962.33594	55904.86798	55942.21875	503631.8	5410223.0
L3630.0	503631.8	5410222.6	41244.39844	262.95	0	48.844964	-86.950500	55892.84	56244.2	5.83	55898.67	55962.75391	55904.65624	55942.12109	503631.8	5410222.6
L3630.0	503631.8	5410222.4	41244.60156	261.21	0	48.844962	-86.950499	55893.52	56244.2	5.82	55899.35	55963.41406	55904.44528	55942.02734	503631.8	5410222.4
L3630.0	503631.8	5410222.4	41244.69922	259.87	0	48.844962	-86.950499	55893.93	56244.2	5.82	55899.75	55963.79688	55904.20840	55941.90234	503631.8	5410222.4
L3630.0	503631.8	5410222.2	41244.80078	262.11	0	48.844960	-86.950499	55894.51	56244.2	5.82	55900.33	55964.35547	55903.97566	55941.78125	503631.8	5410222.2
L3630.0	503631.9	5410222.0	41244.89844	263.91	0	48.844959	-86.950499	55894.82	56244.2	5.82	55900.64	55964.64063	55903.72490	55941.64453	503631.9	5410222.0
L3630.0	503631.9	5410221.8	41245.00000	260.72	0	48.844957	-86.950499	55894.48	56244.2	5.82	55900.30	55964.27734	55903.43506	55941.46875	503631.9	5410221.8
L3630.0	503631.9	5410221.6	41245.10156	263.33	0	48.844955	-86.950498	55894.66	56244.2	5.82	55900.48	55964.42969	55903.17447	55941.32031	503631.9	5410221.6
L3630.0	503631.9	5410221.6	41245.19922	264.07	0	48.844955	-86.950498	55894.79	56244.2	5.82	55900.61	55964.53125	55902.91079	55941.16797	503631.9	5410221.6
L3630.0	503631.9	5410221.4	41245.30078	264.45	0	48.844953	-86.950498	55895.30	56244.2	5.82	55901.12	55965.01172	55902.66993	55941.03906	503631.9	5410221.4
L3630.0	503631.9	5410221.3	41245.39844	264.49	0	48.844953	-86.950499	55895.04	56244.2	5.82	55900.87	55964.73047	55902.38232	55940.86328	503631.9	5410221.3
L3630.0	503631.9	5410221.3	41245.50000	263.83	0	48.844953	-86.950499	55894.82	56244.2	5.82	55900.64	55964.46875	55902.09445	55940.68750	503631.9	5410221.3
L3630.0	503631.9	5410221.2	41245.60156	263.63	0	48.844952	-86.950499	55894.46	56244.2	5.83	55900.28	55964.07422	55901.79734	55940.50000	503631.9	5410221.2
L3630.0	503631.9	5410221.2	41245.69922	262.97	0	48.844952	-86.950499	55894.56	56244.2	5.83	55900.39	55964.14844	55901.52440	55940.33594	503631.9	5410221.2
L3630.0	503631.9	5410221.1	41245.80078	260.10	0	48.844951	-86.950499	55894.44	56244.2	5.83	55900.27	55963.99219	55901.23541	55940.16016	503631.9	5410221.1
L3630.0	503631.9	5410221.0	41245.89844	258.95	0	48.844950	-86.950499	55894.56	56244.2	5.83	55900.39	55964.07422	55900.95517	55939.98828	503631.9	5410221.0
L3630.0	503631.9	5410221.0	41246.00000	258.06	0	48.844950	-86.950499	55894.82	56244.2	5.83	55900.65	55964.29688	55900.67682	55939.82031	503631.9	5410221.0
L3630.0	503631.9	5410220.8	41246.10156	258.70	0	48.844948	-86.950498	55895.32	56244.2	5.83	55901.15	55964.75781	55900.40361	55939.66016	503631.9	5410220.8
L3630.0	503631.9	5410220.8	41246.19922	259.81	0	48.844948	-86.950498	55895.32	56244.2	5.83	55901.16	55964.72656	55900.10236	55939.46875	503631.9	5410220.8
L3630.0	503631.9	5410220.7	41246.30078	262.24	0	48.844947	-86.950498	55895.34	56244.2	5.83	55901.18	55964.70313	55899.79696	55939.27344	503631.9	5410220.7
L3630.0	503631.9	5410220.5	41246.39844	261.50	0	48.844946	-86.950498	55895.70	56244.2	5.83	55901.53	55965.01172	55899.49974	55939.08594	503631.9	5410220.5
L3630.0	503631.9	5410220.5	41246.39844	261.50	0	48.844946	-86.950498	55896.13	56244.2	5.83	55901.97	55965.41016	55899.20019	55938.89453	503631.9	5410220.5
L3630.0	503631.9	5410220.3	41246.60156	257.90	0	48.844943	-86.950498	55896.16	56244.2	5.84	55902.00	55965.39453	55898.88096	55938.68750	503631.9	5410220.3
L3630.0	503631.9	5410220.1	41246.69922	260.03	0	48.844942	-86.950498	55896.59	56244.2	5.84	55902.42	55965.76953	55898.57122	55938.48828	503631.9	5410220.1
L3630.0	503631.9	5410219.9	41246.80078	258.64	0	48.844940	-86.950498	55896.69	56244.2	5.84	55902.53	55965.83594	55898.24736	55938.27344	503631.9	5410219.9
L3630.0	503631.9	5410219.9	41246.89844	261.34	0	48.844940	-86.950498	55897.37	56244.2	5.84	55903.21	55966.47266	55897.93873	55938.07422	503631.9	5410219.9
L3630.0	503631.9	5410219.6	41247.00000	259.91	0	48.844937	-86.950498	55898.16	56244.2	5.84	55904.00	55967.21484	55897.63049	55937.87500	503631.9	5410219.6
L3630.0	503631.9	5410219.3	41247.10156	260.25	0	48.844934	-86.950498	55898.71	56244.2	5.84	55904.55	55967.71875	55897.31223	55937.66797	503631.9	5410219.3
L3630.0	503631.9	5410219.3	41247.19922	260.73	0	48.844934	-86.950498	55899.02	56244.2	5.84	55904.85	55967.97266	55896.98385	55937.44922	503631.9	5410219.3
L3630.0	503631.9	5410219.1	41247.30078	260.12	0	48.844932	-86.950498	55899.54	56244.2	5.83	55905.38	55968.45703	55896.66023	55937.23438	503631.9	5410219.1
L3630.0	503632.0	5410218.8	41247.39844	261.20	0	48.844930	-86.950497	55899.88	56244.2	5.83	55905.71	55968.74219	55896.32735	55937.01172	503632.0	5410218.8
L3670.0	503671.0	5411107.1	80139.10156	342.12	0	48.852921	-86.949957	56355.09	56248.4	1.57	56356.66	56352.94531	56332.94997	56334.79297	503671.0	5411107.1
L3670.0	503671.0	5411107.3	80139.20313	342.08	0	48.852923	-86.949958	56355.08	56248.4	1.58	56356.66	56352.97656	56335.54247	56337.39063	503671.0	5411107.3
L3670.0	503671.0	5411107.3	80139.29688	340.64	0	48.852923	-86.949958	56355.08	56248.4	1.58	56356.66	56353.00781	56338.08634	56339.94141	503671.0	5411107.3
L3670.0	503671.0	5411107.6	80139.39844	339.50	0	48.852925	-86.949958	56354.88	56248.4	1.58	56356.46	56352.83984	56334.32979	56336.19141	503671.0	5411107.6
L3670.0	503670.9	5411107.8	80139.50000	338.18	0	48.852927	-86.949958	56354.90	56248.4	1.58	56356.49	56352.90234	56337.71721	56339.58594	503670.9	5411107.8
L3670.0	503670.9	5411107.8	80139.60156	338.43	0	48.852927	-86.949958	56355.14	56248.4	1.59	56356.73	56353.17188	56347.62442	56349.50000	503670.9	5411107.8
L3670.0	503670.9	5411108.0	80139.70313	338.17	0	48.852929	-86.949959	56354.70	56248.4	1.59	56356.29	56352.76563	56336.22793	56338.10938	503670.9	5411108.0
L3670.0	503670.9	5411108.3	80139.70313	338.06	0	48.852931	-86.949959	56354.57	56248.4	1.59	56356.17	56352.67578	56334.79259	56336.68359	503670.9	5411108.3
L3670.0	503670.9	5411108.3	80139.79688	338.44	0	48.852931	-86.949959	56354.75	56248.4	1.59	56356.35	56352.88672	56342.69439	56344.58984	503670.9	5411108.3
L3670.0	503670.9	5411108.6	80140.00000	337.96	0	48.852934	-86.949959	56354.42	56248.4	1.60	56356.02	56352.58984	56334.61112	56336.51172	503670.9	5411108.6
L3670.0	503670.9	5411108.8	80140.10156	337.34	0	48.852936	-86.949959	56354.47	56248.4	1.60	56356.07	56352.67188	56338.36879	56340.28125	503670.9	5411108.8
L3670.0	503670.9	5411109.1	80140.20313	339.18	0	48.852939	-86.949959	56353.96	56248.4	1.59	56355.56	56352.19141	56324.58102	56326.50000	503670.9	5411109.1
L3670.0	503670.9	5411109.1	80140.29688	338.44	0	48.852939	-86.949959	56353.45	56248.4	1.59	56355.04	56351.70313	56310.44428	56312.37109	503670.9	5411109.1
L3670.0	503670.9	5411109.4	80140.39844	339.28	0	48.852941	-86.949959	56353.45	56248.4	1.59	56355.04	56351.73438	56312.52981	56314.46484	503670.9	5411109.4
L3670.0	503670.9	5411109.7	80140.50000	339.09	0	48.852944	-86.949959	56353.63	56248.4	1.58	56355.22	56351.94531	56320.20954	56322.15234	503670.9	5411109.7
L3670.0	503670.9	5411109.7	80140.60156	338.12	0	48.852944	-86.949959	56353.75	56248.4	1.58	56355.34	56352.09766	56325.98182	56327.93359	503670.9	5411109.7
L3670.0	503670.9	5411110.1	80140.70313	337.63	0	48.852948	-86.949959	56353.58	56248.4	1.58	56355.16	56351.94922	56322.34501	56324.30859	503670.9	5411110.1
L3670.0	503670.9	5411110.4	80140.79688	336.51	0	48.852950	-86.949959	56353.81	56248.4	1.58	56355.39	56352.21094	56331.49796	56333.46875	503670.9	5411110.4
L3670.0	503670.9	5411110.8	80140.89844	334.89	0	48.852954	-86.949959	56354.27	56248.4	1.57	56355.84	56352.69141	56347.50227	56349.48438	503670.9	5411110.8
L3670.0	503670.9	5411110.8	80141.00000	333.52	0	48.852954	-86.949959	56354.24	56248.4	1.57	56355.81	56352.69531	56348.47516	56350.46484	503670.9	5411110.8
L3670.0	503670.9	5411111.3	80141.10156	332.38	0	48.852958	-86.949959	56354.52	56248.4	1.57	56356.09	56353.00781	56359.11662	56361.11719	503670.9	5411111.3
L3670.0	503670.9	5411111.5	80141.20313	333.45	0	48.852960	-86.949959	56355.01	56248.4	1.57	56356.58	56353.52734	56376.30207	56378.31641	503670.9	5411111.5
L3670.0	503670.9	5411111.5	80141.29688	334.88	0	48.852960	-86.949959	56354.73	56248.4	1.57	56356.30	56353.28125	56369.39496	56371.42188	503670.9	5411111.5
L3670.0	503670.9	5411111.9	80141.39844	336.57	0	48.852964	-86.949958	56354.78	56248.4	1.57	56356.35	56353.35938	56372.78705	56374.82422	503670.9	5411111.9
L3670.0	503671.0	5411112.2	80141.50000	337.87	0	48.852967	-86.949958	56354.60	56248.4	1.57	56356.17	56353.21094	56368.97255	56371.01953	503671.0	5411112.2
L3670.0	503671.0	5411112.2	80141.60156	339.07	0	48.852967	-86.949958	56354.55	56248.4	1.57	56356.12	56353.19531	56369.20817	56371.26953	503671.0	5411112.2

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L3670.0	503671.0	5411112.7	80141.70313	339.83	0	48.852971	-86.949958	56354.55	56248.4	1.57	56356.12	56353.22656	56370.98690	56373.06250	503671.0	5411112.7
L3670.0	503671.0	5411113.1	80141.70313	339.54	0	48.852975	-86.949958	56354.14	56248.4	1.57	56355.71	56352.84766	56359.94478	56362.03125	503671.0	5411113.1
L3670.0	503671.0	5411113.1	80141.89844	340.15	0	48.852975	-86.949958	56354.32	56248.4	1.57	56355.89	56353.05859	56367.31065	56369.41016	503671.0	5411113.1
L3670.0	503671.0	5411113.6	80142.00000	337.63	0	48.852979	-86.949957	56354.22	56248.4	1.57	56355.79	56352.99219	56365.93443	56368.05078	503671.0	5411113.6
L3670.0	503671.0	5411114.0	80142.10156	338.29	0	48.852983	-86.949957	56354.27	56248.4	1.57	56355.84	56353.07031	56369.21886	56371.35156	503671.0	5411114.0
L3670.0	503671.0	5411114.7	80142.20313	338.47	0	48.852989	-86.949957	56354.02	56248.4	1.58	56355.59	56352.85156	56363.17922	56365.32422	503671.0	5411114.7
L3670.0	503671.0	5411114.7	80142.29688	337.59	0	48.852989	-86.949957	56354.39	56248.4	1.58	56355.97	56353.26563	56376.68301	56378.84375	503671.0	5411114.7
L3670.0	503671.0	5411115.3	80142.39844	335.15	0	48.852994	-86.949957	56354.42	56248.4	1.58	56356.00	56353.32813	56379.31707	56381.49609	503671.0	5411115.3
L3670.0	503671.0	5411115.9	80142.50000	337.47	0	48.853000	-86.949958	56354.29	56248.4	1.58	56355.88	56353.23828	56377.30850	56379.50391	503671.0	5411115.9
L3670.0	503671.0	5411115.9	80142.60156	336.44	0	48.853000	-86.949958	56354.27	56248.4	1.59	56355.85	56353.23828	56378.08718	56380.29688	503671.0	5411115.9
L3670.0	503671.0	5411116.5	80142.70313	335.24	0	48.853005	-86.949958	56354.22	56248.4	1.59	56355.81	56353.23047	56378.56033	56380.78906	503671.0	5411116.5
L3670.0	503671.0	5411117.2	80142.79688	335.15	0	48.853012	-86.949958	56354.17	56248.4	1.59	56355.76	56353.21484	56378.73137	56380.98047	503671.0	5411117.2
L3670.0	503671.0	5411118.0	80142.89844	336.61	0	48.853019	-86.949958	56353.86	56248.4	1.60	56355.46	56352.94531	56371.22153	56373.48828	503671.0	5411118.0
L3670.0	503671.0	5411118.0	80143.00000	337.34	0	48.853019	-86.949958	56353.96	56248.4	1.60	56355.56	56353.07813	56376.02915	56378.31250	503671.0	5411118.0
L3670.0	503671.0	5411118.5	80143.10156	339.53	0	48.853024	-86.949958	56353.63	56248.4	1.60	56355.23	56352.77734	56367.64443	56369.94922	503671.0	5411118.5
L3670.0	503671.0	5411118.5	80143.20313	338.72	0	48.853024	-86.949958	56353.56	56248.4	1.60	56355.15	56352.73047	56366.95710	56369.28125	503671.0	5411118.5
L3670.0	503671.0	5411119.3	80143.29688	338.70	0	48.853030	-86.949958	56353.43	56248.4	1.59	56355.02	56352.63281	56364.75616	56367.10156	503671.0	5411119.3
L3670.0	503671.0	5411120.1	80143.39844	339.83	0	48.853037	-86.949957	56353.50	56248.4	1.59	56355.09	56352.73438	56368.70409	56371.06641	503671.0	5411120.1
L3670.0	503671.0	5411120.6	80143.50000	324.86	0	48.853042	-86.949957	56353.58	56248.4	1.59	56355.17	56352.84375	56372.97990	56375.36328	503671.0	5411120.6
L3670.0	503671.0	5411120.6	80143.60156	324.86	0	48.853042	-86.949957	56353.29	56248.4	1.59	56354.88	56352.58594	56365.93785	56368.34375	503671.0	5411120.6
L3670.0	503671.0	5411121.2	80143.70313	326.91	0	48.853047	-86.949957	56353.38	56248.4	1.59	56354.97	56352.70703	56370.56905	56372.99609	503671.0	5411121.2
L3670.0	503671.0	5411122.0	80143.70313	339.51	0	48.853054	-86.949957	56353.35	56248.4	1.59	56354.94	56352.71094	56371.54741	56373.99609	503671.0	5411122.0
L3670.0	503671.1	5411122.9	80143.89844	338.58	0	48.853063	-86.949956	56353.45	56248.4	1.58	56355.03	56352.83203	56376.24269	56378.71484	503671.1	5411122.9
L3670.0	503671.1	5411123.5	80144.00000	338.53	0	48.853069	-86.949956	56353.25	56248.4	1.58	56354.83	56352.66406	56372.04800	56374.54297	503671.1	5411123.5
L3670.0	503671.1	5411123.5	80144.10156	338.53	0	48.853069	-86.949956	56353.30	56248.4	1.58	56354.88	56352.74609	56375.57379	56378.08984	503671.1	5411123.5
L3670.0	503671.1	5411124.1	80144.20313	336.97	0	48.853074	-86.949956	56352.50	56248.4	1.58	56354.09	56351.98438	56353.20611	56355.74609	503671.1	5411124.1
L3670.0	503671.1	5411125.0	80144.29688	336.97	0	48.853082	-86.949955	56353.07	56248.4	1.58	56354.65	56352.57813	56372.52854	56375.09375	503671.1	5411125.0
L3670.0	503671.1	5411125.0	80144.39844	336.82	0	48.853082	-86.949955	56352.71	56248.4	1.58	56354.30	56352.25781	56363.76661	56366.35156	503671.1	5411125.0
L3670.0	503671.2	5411125.9	80144.50000	338.15	0	48.853090	-86.949955	56352.98	56248.4	1.58	56354.57	56352.56250	56374.21547	56376.82422	503671.2	5411125.9
L3670.0	503671.2	5411126.8	80144.60156	336.95	0	48.853098	-86.949954	56352.94	56248.4	1.59	56354.53	56352.55469	56375.10096	56377.73438	503671.2	5411126.8
L3670.0	503671.3	5411127.6	80144.70313	340.57	0	48.853105	-86.949953	56352.94	56248.4	1.59	56354.53	56352.58594	56377.25734	56379.91406	503671.3	5411127.6
L3670.0	503671.3	5411128.4	80144.79688	338.57	0	48.853112	-86.949953	56352.71	56248.4	1.59	56354.30	56352.38672	56372.30314	56374.98438	503671.3	5411128.4
L3670.0	503671.3	5411128.4	80144.89844	339.63	0	48.853112	-86.949953	56352.38	56248.4	1.59	56353.97	56352.08594	56364.26158	56366.96875	503671.3	5411128.4
L3670.0	503671.4	5411129.6	80145.00000	337.99	0	48.853123	-86.949952	56352.40	56248.4	1.59	56353.99	56352.14063	56367.12622	56369.85547	503671.4	5411129.6
L3670.0	503671.4	5411130.5	80145.10156	337.13	0	48.853131	-86.949952	56352.23	56248.4	1.59	56353.82	56352.00000	56364.11083	56366.86719	503671.4	5411130.5
L3670.0	503671.4	5411130.5	80145.20313	335.38	0	48.853131	-86.949952	56352.13	56248.4	1.59	56353.71	56351.92188	56362.99222	56365.77344	503671.4	5411130.5
L3670.0	503671.4	5411131.3	80145.29688	335.45	0	48.853139	-86.949951	56352.15	56248.4	1.59	56353.74	56351.98438	56366.27134	56369.07422	503671.4	5411131.3
L3670.0	503671.5	5411132.4	80145.39844	335.26	0	48.853149	-86.949951	56352.02	56248.4	1.59	56353.61	56351.88672	56364.59364	56367.42188	503671.5	5411132.4
L3670.0	503671.5	5411132.4	80145.50000	334.56	0	48.853149	-86.949951	56352.05	56248.4	1.59	56353.64	56351.94922	56367.94635	56370.79688	503671.5	5411132.4
L3670.0	503671.5	5411133.5	80145.60156	335.24	0	48.853159	-86.949950	56351.97	56248.4	1.59	56353.56	56351.89844	56367.88634	56370.76172	503671.5	5411133.5
L3670.0	503671.5	5411133.5	80145.70313	337.87	0	48.853159	-86.949950	56351.88	56248.4	1.59	56353.46	56351.83203	56367.23007	56370.12891	503671.5	5411133.5
L3670.0	503671.6	5411134.7	80145.70313	336.94	0	48.853169	-86.949950	56351.66	56248.4	1.59	56353.25	56351.65234	56363.16768	56366.08984	503671.6	5411134.7
L3670.0	503671.6	5411135.4	80145.79688	338.60	0	48.853176	-86.949949	56351.56	56248.4	1.59	56353.15	56351.58594	56362.57720	56365.52344	503671.6	5411135.4
L3670.0	503671.6	5411136.4	80146.00000	339.94	0	48.853184	-86.949949	56351.33	56248.4	1.59	56352.92	56351.38672	56357.95535	56360.92578	503671.6	5411136.4
L3670.0	503671.6	5411137.4	80146.10156	340.03	0	48.853194	-86.949948	56351.39	56248.4	1.59	56352.98	56351.47656	56362.43279	56365.42578	503671.6	5411137.4
L3670.0	503671.6	5411137.4	80146.20313	337.76	0	48.853194	-86.949948	56351.15	56248.4	1.59	56352.74	56351.26953	56357.56387	56360.57813	503671.6	5411137.4
L3670.0	503671.7	5411138.4	80146.29688	337.86	0	48.853203	-86.949948	56351.18	56248.4	1.59	56352.77	56351.33203	56361.16874	56364.20703	503671.7	5411138.4
L3670.0	503671.7	5411139.4	80146.39844	337.59	0	48.853211	-86.949948	56351.03	56248.4	1.59	56352.62	56351.21094	56359.17859	56362.23828	503671.7	5411139.4
L3670.0	503671.7	5411139.4	80146.50000	321.99	0	48.853211	-86.949948	56351.11	56248.4	1.59	56352.70	56351.32422	56364.41130	56367.49219	503671.7	5411139.4
L3670.0	503671.7	5411140.6	80146.60156	319.32	0	48.853222	-86.949948	56350.85	56248.4	1.60	56352.44	56351.09375	56359.04639	56362.14844	503671.7	5411140.6
L3670.0	503671.7	5411141.7	80146.70313	338.18	0	48.853232	-86.949947	56350.92	56248.4	1.60	56352.51	56351.19531	56364.03021	56367.15234	503671.7	5411141.7
L3670.0	503671.7	5411141.7	80146.79688	337.61	0	48.853232	-86.949947	56350.80	56248.4	1.60	56352.39	56351.10938	56363.10542	56366.24609	503671.7	5411141.7
L3670.0	503671.7	5411142.9	80146.89844	337.86	0	48.853243	-86.949947	56350.57	56248.4	1.60	56352.17	56350.91797	56359.07976	56362.23828	503671.7	5411142.9
L3670.0	503671.8	5411143.9	80147.00000	338.33	0	48.853252	-86.949947	56350.59	56248.4	1.60	56352.19	56350.97266	56362.57413	56365.75391	503671.8	5411143.9
L3670.0	503671.8	5411144.9	80147.10156	337.92	0	48.853261	-86.949947	56350.29	56248.4	1.60	56351.89	56350.70313	56356.12162	56359.31641	503671.8	5411144.9
L3670.0	503671.8	5411145.8	80147.20313	337.83	0	48.853269	-86.949947	56350.28	56248.4	1.60	56351.88	56350.72266	56358.73299	56361.94531	503671.8	5411145.8
L3670.0	503671.8	5411145.8	80147.29688	337.23	0	48.853269	-86.949947	56350.42	56248.4	1.60	56352.02	56350.89453	56366.01220	56369.24219	503671.8	5411145.8
L3670.0	503671.8	5411147.0	80147.39844	338.02	0	48.853280	-86.949946	56350.16	56248.4	1.60	56351.76	56350.66797	56360.91256	56364.16016	503671.8	5411147.0
L3670.0	503671.8	5411147.0	80147.50000	340.59	0	48.853280	-86.949946	56350.06	56248.4	1.60	56351.66	56350.59766	56360.80210	56364.06250	503671.8	5411147.0
L3670.0	503671.8	5411148.2	80147.60156	337.84	0	48.853291	-86.949946	56349.88	56248.4	1.61	56351.49	56350.45703	56358.56457	56361.83984	503671.8	5411148.2
L3670.0	503671.8	5411149.5	80147.70313	337.03	0	48.853302	-86.949946	56349.70	56248.4	1.61	56351.31	56350.30859	56356.05781	56359.34766	503671.8	5411149.5
L3670.0	503671.9	5411150.7	80147.70313	337.95	0	48.853313	-86.949945	56349.75	56248.4	1.61	56351.35	56350.37891	56360.33508	56363.63672	503671.9	5411150.7
L3670.0	503671.9	5411150.7	80147.79688	339.76	0	48.853313	-86.949945	56349.68	56248.4	1.61	56351.29	56350.35156	56361.56335	56364.87500	503671.9	5411150.7
L3670.0	503671.9	5411152.1	80148.00000	338.51	0	48.853326	-86.949945	56349.42	56248.4	1.61	56351.03	56350.12109	56356.70468	56360.02734	503671.9	5411152.1
L3670.0	503671.9	5411152.1	80148.10156	338.48	0	48.853326	-86.949945	56349.52	56248.4	1.61	56351.13	56350.25391	56362.87046	56366.20313	503671.9	5411152.1
L3670.0	503671.9	5411153.5	80148.20313	323.35	0	48.853338	-86.949944	56349.21	56248.4	1.61	56350.82	56349.97266	56356.55552	56359.89453	503671.9	5411153.5
L3670.0	503672.0	5411154.8	80148.29688	323.23	0	48.853350	-86.949944	56349.37	56248.4	1.61	56350.98	56350.16406	56364.57962	56367.92969	503672.0	5411154.8
L3670.0	503672.0	5411154.8	80148.39844	322.75	0	48.853350	-86.949944	56349.06	56248.4	1.61	56350.67	56349.88672	56358.32951	56361.68359	503672.0	5411154.8
L3670.0	503672.0	5411155.9	80148.50000	323.33	0	48.853360	-86.949943	56348.91	56248.4	1.60	56350.51	56349.75391	56356.67027	56360.03125	503672.0	5411155.9
L3670.0	503672.0	5411157.1	80148.60156	337.56	0	48.853371	-86.949943	56348.86	56248.4	1.60	56350.46	56349.73438	56358.36648	56361.73047	503672.0	5411157.1
L3670.0	503672.0	5411157.1	80148.70313	337.12	0	48.853371	-86.949943	56348.75	56248.4	1.60	56350.36	56349.66797	56358.56656	56361.93359	503672.0	5411157.1
L3670.0	503672.1	5411158.6	80148.79688	337.86	0	48.853384	-86.949943	56348.75	56248.4	1.60	56350.36	56349.69531	56361.79170	56365.16016	503672.1	5411158.6
L3670.0	503672.1	5411158.6	80148.89844	335.48	0	48.853384	-86.949943	56348.47	56248.4	1.60	56350.07	56349.43750	56356.32361	56359.69141	503672.1	5411158.6
L3670.0	503672.1	5411160.1	80149.00000	336.57	0	48.853397	-86.949942	56348.25	56248.4	1.60	56349.85	56349.24609	56353.00611	56356.37500	503672.1	5411160.1
L3670.0	503672.1	5411161.3	80149.10156	337.63	0	48.853408	-86.949942	56348.24	56248.4	1.60	56349.84	56349.26563	56355.97433	56359.33984	503672.1	5411161.3
L3670.0	503672.1	5411162.6	80149.20313	337.24	0	48.853420	-86.949942	56348.14	56248.4	1.60	56349.75	56349.20703	56356.57038	56359.93359	503672.1	5411162.6
L3670.0	503672.1	5411162.6	80149.29688	337.87	0	48.853420	-86.949942	56348.09	56248.4	1.61	56349.70	56349.18750	56358.35592	56361.71484	503672.1	5411162.6
L3670.0	503672.1	5411164.2	80149.39844	338.31	0	48.853434	-86.949942	56348.09	56248.4	1.61	56349.70	56349.21484	56361.60445	56364.95703	503672.1	5411164.2
L3670.0	503672.1	5411165.3	80149.39844	339.94	0	48.853444	-86.949942	56347.58	56248.4	1.61	56349.19	56348.73438	56350.01105	56353.35547	503672.1	5411165.3
L3670.0	503672.1	5411165.3	80149.60156	339.86	0	48.853444	-86.949942	56347.56	56248.4	1.61	56349.17	56348.74219	56352.73358	56356.07031	503672.1	5411165.3
L3670.0	503672.1	5411166.7	80149.60156	340.43	0	48.853457	-86.949942	56347.33	56248.4	1.61	56348.94	56348.54297	56349.40857	56352.73438	503672.1	5411166.7
L3670.0	503672.1	5411168.3	80149.70313	324.62	0	48.853471	-86.949942	56347.48	56248.4	1.61	56349.09	56348.72266	56357.01340	56360.32813	503672.1	5411168.3
L3670.0	503672.1	5411168.3	80149.79688	324.82	0	48.853471	-86.949942	56347.38	56248.4	1.62	56349.00	56348.66016	56357.73149	56361.03516	503672.1	5411168.3
L3670.0	503672.1	5411168.3	80149.89844	324.74	0	48.853471	-86.949942	56347.27	56248.4	1.62	56348.89	56348.57813	56357.90046	56361.18750	503672.1	5411168.3
L3670.0	503672.1	5411169.8	80150.00000	324.68	0	48.853485	-86.949942	56347.20	56248.4	1.62	56348.82	56348.53906	56359.22255	56362.49609	503672.1	5411169.8
L3670.0	503672.1	5411170.8	80150.20313	339.06	0	48.853493	-86.949941	56346.84	56248.4	1.62	56348.46	56348.20703	56352.40764	56355.66406	503672.1	5411170.8
L3670.0	503672.1	5411172.0	80150.20313	337.94	0	48.853505	-86.949942	56346.74	56248.4	1.62	56348.35	56348.12500	56352.67231	56355.91016	503672.1	5411172.0
L3670.0	503672.1	5411172.0	80150.39844	337.86	0	48.853505	-86.949942	56346.51	56248.4	1.61	56348.12	56347.92188	56349.60586	56352.82031	503672.1	5411172.0
L3670.0	503672.1	5411173.4	80150.50000	335.86	0	48.853517	-86.949942	56346.54	56248.4	1.61	56348.15	56347.98047	56353.83947	56357.03516	503672.1	5411173.4
L3670.0	503672.1	5411175.0	80150.60156	336.50	0	48.853532	-86.949942	56346.36	56248.4	1.61	56347.96	56347.81641	56351.95237	56355.12500	503672.1	5411175.0
L3670.0	503672.1	5411175.0	80150.70313	323.00	0	48.853532	-86.949942	56346.31	56248.4	1.61	56347.91	56347.79297	56354.00951	56357.15625	503672.1	5411175.0
L3670.0	503672.1	5411176.5	80150.79688	321.63	0	48.853545	-86.949942	56346.15	56248.4	1.60	56347.76	56347.67188	56353.30424	56356.42578	503672.1	5411176.5
L3670.0	503672.1	5411178.2	80150.89844	322.57	0	48.853561	-86.949942	56345.90	56248.4	1.60	56347.50	56347.43750	56349.53309	56352.62891	503672.1	5411178.2

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L3670.0	503672.1	5411179.6	80151.00000	322.13	0	48.853573	-86.949942	56345.87	56248.4	1.60	56347.47	56347.43359	56352.26320	56355.32813	503672.1	5411179.6
L3670.0	503672.1	5411179.6	80151.10156	337.11	0	48.853573	-86.949942	56345.79	56248.4	1.60	56347.39	56347.37891	56353.63281	56356.66797	503672.1	5411179.6
L3670.0	503672.1	5411181.2	80151.20313	339.99	0	48.853588	-86.949942	56345.82	56248.4	1.60	56347.42	56347.43750	56358.19794	56361.20313	503672.1	5411181.2
L3670.0	503672.1	5411181.2	80151.29688	340.54	0	48.853588	-86.949942	56345.72	56248.4	1.60	56347.32	56347.35938	56359.11280	56362.08203	503672.1	5411181.2
L3670.0	503672.1	5411182.6	80151.39844	340.69	0	48.853600	-86.949942	56345.39	56248.4	1.60	56346.99	56347.05859	56353.40919	56356.34375	503672.1	5411182.6
L3670.0	503672.1	5411182.6	80151.50000	340.62	0	48.853600	-86.949942	56345.31	56248.4	1.60	56346.92	56347.01172	56355.24230	56358.14063	503672.1	5411182.6
L3670.0	503672.1	5411184.3	80151.60156	338.62	0	48.853615	-86.949942	56345.16	56248.4	1.61	56346.76	56346.87500	56354.48918	56357.35156	503672.1	5411184.3
L3670.0	503672.1	5411185.6	80151.70313	321.66	0	48.853627	-86.949942	56345.08	56248.4	1.61	56346.69	56346.83203	56356.40969	56359.23438	503672.1	5411185.6
L3670.0	503672.1	5411185.6	80151.70313	322.81	0	48.853627	-86.949942	56345.00	56248.4	1.61	56346.61	56346.77734	56358.08168	56360.86719	503672.1	5411185.6
L3670.0	503672.1	5411188.2	80151.79688	340.40	0	48.853651	-86.949942	56344.70	56248.4	1.61	56346.31	56346.50000	56353.25754	56356.00000	503672.1	5411188.2
L3670.0	503672.1	5411188.2	80152.00000	339.50	0	48.853651	-86.949942	56344.62	56248.4	1.61	56346.23	56346.44141	56354.98893	56357.68750	503672.1	5411188.2
L3670.0	503672.1	5411189.9	80152.10156	339.02	0	48.853666	-86.949942	56344.55	56248.4	1.61	56346.16	56346.39453	56357.05977	56359.71484	503672.1	5411189.9
L3670.0	503672.1	5411191.2	80152.20313	338.79	0	48.853677	-86.949942	56344.57	56248.4	1.61	56346.18	56346.43750	56361.86366	56364.47266	503672.1	5411191.2
L3670.0	503672.1	5411191.2	80152.29688	338.95	0	48.853677	-86.949942	56343.98	56248.4	1.61	56345.59	56345.87109	56348.43735	56351.00000	503672.1	5411191.2
L3670.0	503672.1	5411192.9	80152.39844	337.16	0	48.853692	-86.949942	56344.06	56248.4	1.61	56345.67	56345.97266	56355.11083	56357.62500	503672.1	5411192.9
L3670.0	503672.1	5411192.9	80152.50000	336.22	0	48.853692	-86.949942	56343.93	56248.4	1.61	56345.54	56345.86719	56355.53105	56357.99609	503672.1	5411192.9
L3670.0	503672.1	5411194.1	80152.60156	335.39	0	48.853704	-86.949942	56343.91	56248.4	1.61	56345.52	56345.86719	56359.28756	56361.70313	503672.1	5411194.1
L3670.0	503672.1	5411195.5	80152.70313	334.15	0	48.853716	-86.949942	56343.65	56248.4	1.61	56345.26	56345.62891	56355.88863	56358.25000	503672.1	5411195.5
L3670.0	503672.1	5411196.6	80152.79688	334.90	0	48.853726	-86.949942	56343.55	56248.4	1.61	56345.16	56345.55078	56357.32555	56359.63672	503672.1	5411196.6
L3670.0	503672.1	5411196.6	80152.89844	335.07	0	48.853726	-86.949942	56343.52	56248.4	1.61	56345.13	56345.53906	56360.89503	56363.15234	503672.1	5411196.6
L3670.0	503672.1	5411198.7	80153.00000	334.15	0	48.853744	-86.949942	56343.29	56248.4	1.61	56344.90	56345.32813	56358.52386	56360.72266	503672.1	5411198.7
L3670.0	503672.1	5411199.8	80153.10156	335.27	0	48.853755	-86.949942	56343.42	56248.4	1.61	56345.03	56345.48047	56366.94010	56369.08203	503672.1	5411199.8
L3670.0	503672.1	5411199.8	80153.20313	335.49	0	48.853755	-86.949942	56343.04	56248.4	1.61	56344.65	56345.11719	56360.18854	56362.27344	503672.1	5411199.8
L3670.0	503672.1	5411201.3	80153.29688	322.04	0	48.853768	-86.949942	56342.91	56248.4	1.62	56344.53	56345.01563	56361.23140	56363.25781	503672.1	5411201.3
L3670.0	503672.1	5411202.6	80153.39844	324.27	0	48.853780	-86.949942	56342.78	56248.4	1.62	56344.40	56344.90625	56362.01717	56363.98438	503672.1	5411202.6
L3670.0	503672.1	5411202.6	80153.50000	334.84	0	48.853780	-86.949942	56342.61	56248.4	1.62	56344.22	56344.74219	56361.36762	56363.27344	503672.1	5411202.6
L3670.0	503672.1	5411204.0	80153.60156	336.21	0	48.853793	-86.949942	56342.38	56248.4	1.62	56344.00	56344.53906	56359.59305	56361.43750	503672.1	5411204.0
L3670.0	503672.1	5411205.8	80153.70313	336.33	0	48.853809	-86.949942	56342.15	56248.4	1.62	56343.77	56344.32813	56357.58697	56359.36719	503672.1	5411205.8
L3670.0	503672.0	5411207.2	80153.70313	338.81	0	48.853822	-86.949942	56342.22	56248.4	1.62	56343.84	56344.41406	56364.43935	56366.15625	503672.0	5411207.2
L3670.0	503672.0	5411207.2	80153.79688	334.85	0	48.853822	-86.949942	56342.27	56248.4	1.63	56343.90	56344.48828	56371.01802	56372.67188	503672.0	5411207.2
L3670.0	503672.0	5411209.0	80154.00000	335.89	0	48.853837	-86.949942	56341.94	56248.4	1.63	56343.57	56344.17578	56366.25250	56367.83984	503672.0	5411209.0
L3670.0	503672.0	5411209.0	80154.10156	335.95	0	48.853837	-86.949942	56341.71	56248.4	1.63	56343.34	56343.96094	56364.47894	56365.99609	503672.0	5411209.0
L3670.0	503672.0	5411210.6	80154.20313	336.02	0	48.853852	-86.949943	56341.31	56248.4	1.63	56342.94	56343.57422	56357.84538	56359.29688	503672.0	5411210.6
L3670.0	503672.0	5411211.6	80154.29688	336.61	0	48.853861	-86.949943	56341.40	56248.4	1.63	56343.03	56343.67578	56365.48284	56366.86328	503672.0	5411211.6
L3670.0	503672.0	5411212.9	80154.39844	337.38	0	48.853872	-86.949943	56341.20	56248.4	1.63	56342.83	56343.49219	56364.77808	56366.08984	503672.0	5411212.9
L3670.0	503672.0	5411212.9	80154.50000	337.18	0	48.853872	-86.949943	56341.02	56248.4	1.63	56342.65	56343.32422	56364.71875	56365.95703	503672.0	5411212.9
L3670.0	503672.0	5411214.6	80154.60156	336.82	0	48.853888	-86.949943	56340.92	56248.4	1.63	56342.55	56343.23438	56367.02874	56368.19531	503672.0	5411214.6
L3670.0	503672.0	5411215.7	80154.70313	320.07	0	48.853898	-86.949943	56340.67	56248.4	1.63	56342.30	56342.99609	56365.09798	56366.19141	503672.0	5411215.7
L3670.0	503672.0	5411217.3	80154.79688	320.75	0	48.853912	-86.949943	56340.54	56248.4	1.63	56342.17	56342.87891	56366.68769	56367.71094	503672.0	5411217.3
L3670.0	503672.0	5411217.3	80154.89844	334.28	0	48.853912	-86.949943	56339.98	56248.4	1.63	56341.61	56342.32813	56356.04029	56356.98828	503672.0	5411217.3
L3670.0	503672.0	5411219.1	80155.00000	334.40	0	48.853928	-86.949943	56340.18	56248.4	1.63	56341.81	56342.53906	56367.23755	56368.10938	503672.0	5411219.1
L3670.0	503672.0	5411220.2	80155.10156	321.29	0	48.853938	-86.949943	56339.95	56248.4	1.63	56341.58	56342.32031	56366.20943	56367.00391	503672.0	5411220.2
L3670.0	503672.0	5411220.2	80155.20313	320.20	0	48.853938	-86.949943	56339.75	56248.4	1.63	56341.37	56342.11719	56365.84334	56366.55859	503672.0	5411220.2
L3670.0	503672.0	5411221.8	80155.29688	333.09	0	48.853953	-86.949943	56339.54	56248.4	1.63	56341.17	56341.92578	56365.85502	56366.49219	503672.0	5411221.8
L3670.0	503672.0	5411221.8	80155.39844	334.01	0	48.853953	-86.949943	56339.29	56248.4	1.63	56340.91	56341.67578	56364.23722	56364.79688	503672.0	5411221.8
L3670.0	503671.9	5411223.5	80155.50000	333.99	0	48.853968	-86.949944	56339.18	56248.4	1.63	56340.81	56341.58203	56367.31401	56367.79297	503671.9	5411223.5
L3670.0	503671.9	5411225.1	80155.60156	334.61	0	48.853982	-86.949944	56338.86	56248.4	1.62	56340.48	56341.25781	56363.86661	56364.26172	503671.9	5411225.1
L3670.0	503671.9	5411226.4	80155.70313	335.18	0	48.853994	-86.949944	56338.70	56248.4	1.62	56340.33	56341.11719	56365.71260	56366.02734	503671.9	5411226.4
L3670.0	503671.9	5411226.4	80155.70313	335.05	0	48.853994	-86.949944	56338.29	56248.4	1.62	56339.91	56340.69922	56359.82213	56360.05469	503671.9	5411226.4
L3670.0	503671.9	5411227.9	80155.79688	336.35	0	48.854008	-86.949944	56338.16	56248.4	1.62	56339.79	56340.58594	56362.74998	56362.89844	503671.9	5411227.9
L3670.0	503671.9	5411229.5	80156.00000	336.35	0	48.854022	-86.949944	56337.93	56248.4	1.62	56339.55	56340.35156	56362.28716	56362.35156	503671.9	5411229.5
L3670.0	503671.9	5411229.5	80156.10156	334.85	0	48.854022	-86.949944	56337.68	56248.4	1.62	56339.30	56340.10547	56361.63140	56361.60938	503671.9	5411229.5
L3670.0	503671.9	5411231.3	80156.20313	320.96	0	48.854038	-86.949944	56337.50	56248.4	1.62	56339.12	56339.92578	56363.15504	56363.05078	503671.9	5411231.3
L3670.0	503671.9	5411232.6	80156.29688	321.35	0	48.854050	-86.949944	56337.35	56248.4	1.62	56338.97	56339.78125	56365.69798	56365.50781	503671.9	5411232.6
L3670.0	503671.9	5411232.6	80156.39844	336.07	0	48.854050	-86.949944	56336.94	56248.4	1.62	56338.56	56339.37109	56360.55997	56360.28125	503671.9	5411232.6
L3670.0	503671.9	5411234.2	80156.50000	336.28	0	48.854064	-86.949944	56336.70	56248.4	1.62	56338.32	56339.13281	56360.60795	56360.23828	503671.9	5411234.2
L3670.0	503671.9	5411235.5	80156.60156	338.70	0	48.854076	-86.949944	56336.46	56248.4	1.62	56338.08	56338.89453	56360.76669	56360.30859	503671.9	5411235.5
L3670.0	503671.9	5411237.2	80156.70313	337.79	0	48.854091	-86.949944	56336.25	56248.4	1.62	56337.87	56338.68359	56361.95537	56361.41016	503671.9	5411237.2
L3670.0	503671.9	5411237.2	80156.79688	337.96	0	48.854091	-86.949944	56336.14	56248.4	1.62	56337.76	56338.57422	56366.34393	56365.70703	503671.9	5411237.2
L3670.0	503671.9	5411238.5	80156.89844	336.58	0	48.854103	-86.949944	56335.56	56248.4	1.62	56337.18	56337.99219	56356.38314	56355.65625	503671.9	5411238.5
L3670.0	503671.9	5411240.0	80157.00000	336.03	0	48.854117	-86.949944	56335.61	56248.4	1.62	56337.23	56338.04297	56365.99754	56365.17578	503671.9	5411240.0
L3670.0	503671.9	5411240.0	80157.10156	337.13	0	48.854117	-86.949944	56335.18	56248.4	1.62	56336.80	56337.60938	56360.86038	56359.94922	503671.9	5411240.0
L3670.0	503671.9	5411241.7	80157.20313	336.53	0	48.854132	-86.949945	56334.72	56248.4	1.62	56336.35	56337.15625	56355.13461	56354.12891	503671.9	5411241.7
L3670.0	503671.8	5411242.9	80157.29688	337.40	0	48.854142	-86.949945	56334.44	56248.4	1.63	56336.06	56336.86328	56354.48357	56353.38672	503671.8	5411242.9
L3670.0	503671.8	5411242.9	80157.39844	337.85	0	48.854142	-86.949945	56334.13	56248.4	1.63	56335.76	56336.55859	56353.65693	56352.46484	503671.8	5411242.9
L3670.0	503671.8	5411244.5	80157.50000	337.37	0	48.854157	-86.949945	56334.23	56248.4	1.63	56335.86	56336.65625	56365.47596	56364.18750	503671.8	5411244.5
L3670.0	503671.8	5411246.0	80157.60156	338.86	0	48.854171	-86.949945	56333.78	56248.4	1.63	56335.41	56336.19922	56360.24346	56358.85938	503671.8	5411246.0
L3670.0	503671.8	5411247.6	80157.70313	340.40	0	48.854185	-86.949945	56333.70	56248.4	1.63	56335.33	56336.11328	56366.72524	56365.24219	503671.8	5411247.6
L3670.0	503671.8	5411247.6	80157.70313	342.02	0	48.854185	-86.949945	56332.86	56248.4	1.63	56334.49	56335.26953	56349.59675	56348.01953	503671.8	5411247.6
L3670.0	503671.8	5411249.1	80157.79688	341.13	0	48.854198	-86.949945	56332.86	56248.4	1.64	56334.49	56335.26172	56358.88315	56357.20703	503671.8	5411249.1
L3670.0	503671.8	5411250.8	80158.00000	340.97	0	48.854213	-86.949945	56332.42	56248.4	1.64	56334.06	56334.82422	56354.88307	56353.10938	503671.8	5411250.8
L3670.0	503671.8	5411250.8	80158.10156	339.17	0	48.854213	-86.949945	56332.39	56248.4	1.64	56334.03	56334.78516	56363.54876	56361.67188	503671.8	5411250.8
L3670.0	503671.8	5411252.3	80158.20313	338.72	0	48.854227	-86.949945	56331.92	56248.4	1.64	56333.55	56334.29688	56358.30964	56356.33594	503671.8	5411252.3
L3670.0	503671.8	5411253.7	80158.29688	339.92	0	48.854239	-86.949945	56331.81	56248.4	1.63	56333.44	56334.17969	56364.80538	56362.73047	503671.8	5411253.7
L3670.0	503671.8	5411254.9	80158.39844	341.59	0	48.854250	-86.949946	56331.20	56248.4	1.63	56332.83	56333.55859	56355.84018	56353.66406	503671.8	5411254.9
L3670.0	503671.8	5411254.9	80158.50000	341.19	0	48.854250	-86.949946	56330.89	56248.4	1.63	56332.53	56333.25000	56356.74111	56354.46484	503671.8	5411254.9
L3670.0	503671.8	5411256.2	80158.60156	340.99	0	48.854262	-86.949946	56330.74	56248.4	1.63	56332.37	56333.07813	56362.19693	56359.81641	503671.8	5411256.2
L3670.0	503671.8	5411256.2	80158.70313	339.36	0	48.854262	-86.949946	56330.16	56248.4	1.63	56331.78	56332.47656	56354.39093	56351.90625	503671.8	5411256.2
L3670.0	503671.7	5411257.8	80158.79688	338.31	0	48.854276	-86.949946	56329.66	56248.4	1.62	56331.29	56331.97656	56349.89640	56347.31250	503671.7	5411257.8
L3670.0	503671.7	5411259.5	80158.89844	337.70	0	48.854291	-86.949946	56329.38	56248.4	1.62	56331.01	56331.68359	56352.00343	56349.31250	503671.7	5411259.5
L3670.0	503671.7	5411260.7	80159.00000	340.46	0	48.854303	-86.949946	56329.11	56248.4	1.62	56330.73	56331.39063	56354.19666	56351.40234	503671.7	5411260.7
L3670.0	503671.7	5411262.2	80159.10156	339.81	0	48.854316	-86.949946	56329.00	56248.4	1.62	56330.63	56331.27734	56361.98279	56359.08203	503671.7	5411262.2
L3670.0	503671.7	5411262.2	80159.20313	322.37	0	48.854316	-86.949946	56328.29	56248.4	1.62	56329.91	56330.54688	56351.11269	56348.10547	503671.7	5411262.2
L3670.0	503671.7	5411263.8	80159.29688	320.76	0	48.854330	-86.949946	56328.16	56248.4	1.62	56329.78	56330.40234	56358.20910	56355.09766	503671.7	5411263.8
L3670.0	503671.7	5411265.4	80159.39844	341.12	0	48.854345	-86.949947	56327.57	56248.4	1.62	56329.20	56329.80469	56352.09541	56348.87891	503671.7	5411265.4
L3670.0	503671.7	5411265.4	80159.50000	339.33	0	48.854345	-86.949947	56327.16	56248.4	1.63	56328.79	56329.38281	56351.25373	56347.92969	503671.7	5411265.4
L3670.0	503671.7	5411267.4	80159.60156	339.05	0	48.854363	-86.949947	56326.75	56248.4	1.63	56328.38	56328.95703	56350.62979	56347.19531	503671.7	5411267.4
L3670.0	503671.7	5411267.4	80159.70313	335.74	0	48.854363	-86.949947	56326.53	56248.4	1.63	56328.16	56328.71875	56355.64678	56352.10547	503671.7	5411267.4
L3670.0	503671.7	5411269.0	80159.70313	337.02	0	48.854377	-86.949947	56325.76	56248.4	1.63	56327.39	56327.93359	56345.23041	56341.58594	503671.7	5411269.0
L3670.0	503671.7	5411270.2	80159.89844	321.38	0	48.854388	-86.949947	56325.55	56248.4	1.63	56327.18	56327.70703	56350.93176	56347.17578	503671.7	5411270.2
L3670.0	503671.6	5411271.6	80160.00000	321.97	0	48.854400	-86.949947	56325.40	56248.4	1.63	56327.03	56327.53906	56358.47810	56354.61328	503671.6	5411271.6
L3670.0	503671.6	5411271.6	80160.10156	321.06	0	48.854400	-86.949947	56324.72	56248.4	1.63	56326.35	56326.84375	56351.43302	56347.46094	503671.6	5411271.6
L3670.0	503671.6	5411273.0	80160.20313	335.10	0	48.854413	-86.949947	56324.28	56248.4	1.63	56325.91	56326.38281	56351.34912	56347.26563	503671.6	5411273.0

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L3670.0	503671.6	5411274.3	80160.29688	320.56	0	48.854425	-86.949948	56323.77	56248.4	1.63	56325.41	56325.86719	56349.84452	56345.65625	503671.6	5411274.3
L3670.0	503671.6	5411275.5	80160.39844	320.15	0	48.854436	-86.949948	56323.00	56248.4	1.63	56324.64	56325.07813	56341.06330	56336.76563	503671.6	5411275.5
L3670.0	503671.6	5411275.5	80160.50000	334.82	0	48.854436	-86.949948	56323.06	56248.4	1.64	56324.69	56325.10938	56355.40312	56350.99219	503671.6	5411275.5
L3670.0	503671.6	5411277.5	80160.60156	334.69	0	48.854454	-86.949948	56322.00	56248.4	1.64	56323.64	56324.03906	56339.22949	56334.71094	503671.6	5411277.5
L3670.0	503671.5	5411279.1	80160.70313	333.17	0	48.854468	-86.949949	56321.81	56248.4	1.64	56323.45	56323.82813	56347.41989	56342.79297	503671.5	5411279.1
L3670.0	503671.5	5411280.4	80160.79688	333.65	0	48.854480	-86.949949	56321.19	56248.4	1.64	56322.83	56323.18750	56343.74369	56339.00781	503671.5	5411280.4
L3670.0	503671.5	5411280.4	80160.89844	334.77	0	48.854480	-86.949949	56320.71	56248.4	1.64	56322.35	56322.68750	56344.27974	56339.43359	503671.5	5411280.4
L3670.0	503671.5	5411281.8	80161.00000	337.23	0	48.854492	-86.949949	56320.35	56248.4	1.64	56321.99	56322.30859	56348.55404	56343.59766	503671.5	5411281.8
L3670.0	503671.5	5411281.8	80161.10156	336.48	0	48.854492	-86.949949	56319.51	56248.4	1.64	56321.15	56321.44531	56339.13600	56334.07031	503671.5	5411281.8
L3670.0	503671.5	5411283.2	80161.20313	338.91	0	48.854505	-86.949950	56318.96	56248.4	1.63	56320.60	56320.87500	56338.33759	56333.16406	503671.5	5411283.2
L3670.0	503671.4	5411284.6	80161.29688	338.04	0	48.854518	-86.949950	56318.70	56248.4	1.63	56320.33	56320.58594	56346.11827	56340.83984	503671.4	5411284.6
L3670.0	503671.4	5411286.1	80161.39844	337.86	0	48.854531	-86.949950	56317.88	56248.4	1.63	56319.50	56319.73047	56337.42648	56332.03906	503671.4	5411286.1
L3670.0	503671.4	5411287.5	80161.50000	338.40	0	48.854543	-86.949950	56317.77	56248.4	1.63	56319.40	56319.60938	56350.99643	56345.50000	503671.4	5411287.5
L3670.0	503671.4	5411288.9	80161.60156	326.17	0	48.854556	-86.949951	56316.75	56248.4	1.62	56318.38	56318.57031	56336.82711	56331.22266	503671.4	5411288.9
L3670.0	503671.4	5411288.9	80161.70313	327.60	0	48.854556	-86.949951	56316.38	56248.4	1.62	56317.99	56318.15625	56342.11891	56336.40625	503671.4	5411288.9
L3670.0	503671.4	5411290.7	80161.70313	341.49	0	48.854572	-86.949951	56316.01	56248.4	1.62	56317.63	56317.77344	56348.63611	56342.82031	503671.4	5411290.7
L3670.0	503671.4	5411292.2	80161.79688	338.61	0	48.854586	-86.949951	56315.17	56248.4	1.62	56316.78	56316.90234	56340.13964	56334.21875	503671.4	5411292.2
L3670.0	503671.4	5411292.2	80162.00000	340.18	0	48.854586	-86.949951	56314.73	56248.4	1.61	56316.34	56316.43750	56344.55984	56338.53125	503671.4	5411292.2
L3670.0	503671.3	5411294.1	80162.10156	339.30	0	48.854603	-86.949951	56314.15	56248.4	1.61	56315.76	56315.83594	56344.81517	56338.67969	503671.3	5411294.1
L3670.0	503671.3	5411295.5	80162.20313	337.89	0	48.854616	-86.949951	56313.48	56248.4	1.61	56315.09	56315.14063	56342.49494	56336.25391	503671.3	5411295.5
L3670.0	503671.3	5411295.5	80162.29688	338.66	0	48.854616	-86.949951	56313.00	56248.4	1.61	56314.61	56314.64063	56346.35029	56340.00781	503671.3	5411295.5
L3670.0	503671.3	5411297.1	80162.39844	339.31	0	48.854630	-86.949952	56312.16	56248.4	1.61	56313.77	56313.77734	56339.18320	56332.73828	503671.3	5411297.1
L3670.0	503671.3	5411298.6	80162.50000	336.67	0	48.854643	-86.949952	56311.75	56248.4	1.61	56313.36	56313.34375	56345.68855	56339.14063	503671.3	5411298.6
L3670.0	503671.3	5411300.0	80162.60156	340.58	0	48.854656	-86.949952	56311.09	56248.4	1.61	56312.70	56312.66016	56344.60331	56337.95313	503671.3	5411300.0
L3670.0	503671.3	5411300.0	80162.70313	340.44	0	48.854656	-86.949952	56309.96	56248.4	1.61	56311.57	56311.50391	56329.04532	56322.29297	503671.3	5411300.0
L3670.0	503671.3	5411301.7	80162.79688	338.40	0	48.854671	-86.949952	56309.73	56248.4	1.61	56311.34	56311.25000	56341.84121	56334.99219	503671.3	5411301.7
L3670.0	503671.3	5411303.4	80162.89844	335.86	0	48.854686	-86.949952	56308.75	56248.4	1.61	56310.36	56310.25000	56331.40109	56324.45313	503671.3	5411303.4
L3670.0	503671.2	5411304.8	80163.00000	336.74	0	48.854700	-86.949952	56308.20	56248.4	1.61	56309.81	56309.67578	56334.61071	56327.56250	503671.2	5411304.8
L3670.0	503671.2	5411304.8	80163.10156	336.27	0	48.854700	-86.949952	56307.82	56248.4	1.61	56309.43	56309.26953	56343.33582	56336.19141	503671.2	5411304.8
L3670.0	503671.2	5411306.2	80163.20313	337.12	0	48.854712	-86.949953	56306.75	56248.4	1.61	56308.36	56308.17578	56330.67686	56323.43750	503671.2	5411306.2
L3670.0	503671.2	5411307.6	80163.29688	336.75	0	48.854725	-86.949953	56306.39	56248.4	1.61	56308.00	56307.79297	56340.33819	56333.00391	503671.2	5411307.6
L3670.0	503671.2	5411309.1	80163.39844	338.00	0	48.854738	-86.949953	56305.22	56248.4	1.61	56306.83	56306.60156	56324.92392	56317.50000	503671.2	5411309.1
L3670.0	503671.2	5411309.1	80163.50000	337.40	0	48.854738	-86.949953	56304.45	56248.4	1.61	56306.06	56305.80859	56322.16765	56314.64844	503671.2	5411309.1
L3670.0	503671.2	5411310.8	80163.60156	336.20	0	48.854753	-86.949953	56304.14	56248.4	1.61	56305.75	56305.47266	56333.84357	56326.23438	503671.2	5411310.8
L3670.0	503671.2	5411312.2	80163.70313	335.67	0	48.854766	-86.949953	56303.31	56248.4	1.61	56304.92	56304.62109	56329.54276	56321.84375	503671.2	5411312.2
L3670.0	503671.2	5411314.0	80163.70313	336.31	0	48.854782	-86.949953	56302.41	56248.4	1.61	56304.02	56303.69531	56323.24516	56315.45703	503671.2	5411314.0
L3670.0	503671.2	5411315.3	80163.79688	336.96	0	48.854793	-86.949953	56301.90	56248.4	1.61	56303.51	56303.16406	56329.13371	56321.26172	503671.2	5411315.3
L3670.0	503671.2	5411315.3	80164.00000	338.38	0	48.854793	-86.949953	56301.08	56248.4	1.61	56302.69	56302.32031	56325.59319	56317.63281	503671.2	5411315.3
L3670.0	503671.2	5411316.4	80164.10156	337.96	0	48.854804	-86.949953	56300.52	56248.4	1.61	56302.13	56301.73828	56330.18273	56322.13672	503671.2	5411316.4
L3670.0	503671.2	5411318.0	80164.20313	336.70	0	48.854818	-86.949953	56299.71	56248.4	1.61	56301.32	56300.90625	56327.19611	56319.07031	503671.2	5411318.0
L3670.0	503671.2	5411318.0	80164.29688	320.70	0	48.854818	-86.949953	56298.92	56248.4	1.61	56300.53	56300.08984	56324.93362	56316.72656	503671.2	5411318.0
L3670.0	503671.2	5411319.7	80164.39844	322.00	0	48.854833	-86.949953	56298.12	56248.4	1.61	56299.73	56299.26953	56322.46063	56314.17578	503671.2	5411319.7
L3670.0	503671.2	5411321.4	80164.50000	335.11	0	48.854849	-86.949953	56297.25	56248.4	1.60	56298.86	56298.37500	56317.92162	56309.55859	503671.2	5411321.4
L3670.0	503671.1	5411323.2	80164.60156	336.59	0	48.854865	-86.949954	56296.64	56248.4	1.60	56298.25	56297.74609	56321.43843	56312.99609	503671.1	5411323.2
L3670.0	503671.1	5411324.9	80164.70313	336.95	0	48.854880	-86.949954	56295.44	56248.4	1.60	56297.04	56296.51172	56306.57373	56298.05859	503671.1	5411324.9
L3670.0	503671.1	5411324.9	80164.79688	337.27	0	48.854880	-86.949954	56295.06	56248.4	1.60	56296.66	56296.10938	56317.25713	56308.67188	503671.1	5411324.9
L3670.0	503671.1	5411326.5	80164.89844	337.02	0	48.854895	-86.949954	56293.81	56248.4	1.60	56295.41	56294.83984	56301.23056	56292.57422	503671.1	5411326.5
L3670.0	503671.1	5411328.2	80165.00000	336.49	0	48.854909	-86.949954	56293.33	56248.4	1.60	56294.93	56294.33594	56308.89094	56300.16406	503671.1	5411328.2
L3670.0	503671.1	5411328.2	80165.10156	336.94	0	48.854909	-86.949954	56292.45	56248.4	1.60	56294.05	56293.43750	56304.24822	56295.45313	503671.1	5411328.2
L3670.0	503671.1	5411329.4	80165.20313	336.70	0	48.854921	-86.949954	56291.54	56248.4	1.60	56293.14	56292.50391	56298.67408	56289.81250	503671.1	5411329.4
L3670.0	503671.1	5411331.1	80165.29688	334.55	0	48.854936	-86.949954	56290.88	56248.4	1.60	56292.48	56291.82422	56300.73567	56291.81250	503671.1	5411331.1
L3670.0	503671.1	5411331.1	80165.39844	336.32	0	48.854936	-86.949954	56289.85	56248.4	1.60	56291.45	56290.77344	56291.47504	56282.48828	503671.1	5411331.1
L3670.0	503671.1	5411332.5	80165.50000	336.64	0	48.854949	-86.949954	56289.34	56248.4	1.60	56290.94	56290.24219	56297.96918	56288.92578	503671.1	5411332.5
L3670.0	503671.1	5411334.1	80165.60156	337.84	0	48.854962	-86.949955	56288.07	56248.4	1.60	56289.67	56288.95313	56281.52561	56272.42188	503671.1	5411334.1
L3670.0	503671.0	5411335.7	80165.70313	337.43	0	48.854978	-86.949955	56287.71	56248.4	1.60	56289.31	56288.57422	56292.28122	56283.12109	503671.0	5411335.7
L3670.0	503671.0	5411335.7	80165.70313	336.92	0	48.854978	-86.949955	56286.43	56248.4	1.60	56288.03	56287.27344	56275.74591	56266.53516	503671.0	5411335.7
L3670.0	503671.0	5411337.4	80165.79688	337.50	0	48.854993	-86.949955	56285.85	56248.4	1.60	56287.45	56286.67578	56279.75654	56270.49219	503671.0	5411337.4
L3670.0	503671.0	5411337.4	80166.00000	338.04	0	48.854993	-86.949955	56284.75	56248.4	1.60	56286.35	56285.55469	56268.72247	56259.41016	503671.0	5411337.4
L3670.0	503671.0	5411339.3	80166.10156	337.75	0	48.855010	-86.949955	56283.98	56248.4	1.60	56285.58	56284.76563	56267.15708	56257.79688	503671.0	5411339.3
L3670.0	503671.0	5411340.8	80166.20313	336.10	0	48.855023	-86.949955	56283.37	56248.4	1.60	56284.97	56284.14063	56269.92286	56260.51563	503671.0	5411340.8
L3670.0	503671.0	5411342.5	80166.29688	337.60	0	48.855038	-86.949955	56282.43	56248.4	1.60	56284.03	56283.17969	56263.51606	56254.06641	503671.0	5411342.5
L3670.0	503671.0	5411342.5	80166.39844	325.04	0	48.855038	-86.949955	56281.69	56248.4	1.60	56283.29	56282.42188	56262.50196	56253.01172	503671.0	5411342.5
L3670.0	503671.0	5411344.2	80166.50000	323.93	0	48.855054	-86.949956	56280.54	56248.4	1.60	56282.14	56281.25781	56250.70821	56241.17969	503671.0	5411344.2
L3670.0	503671.0	5411345.7	80166.60156	324.36	0	48.855067	-86.949956	56279.85	56248.4	1.60	56281.45	56280.54688	56250.93719	56241.37109	503671.0	5411345.7
L3670.0	503671.0	5411345.7	80166.70313	324.48	0	48.855067	-86.949956	56278.82	56248.4	1.60	56280.42	56279.50000	56242.51652	56232.91406	503671.0	5411345.7
L3670.0	503671.0	5411347.7	80166.79688	324.27	0	48.855085	-86.949956	56278.32	56248.4	1.60	56279.92	56278.98438	56247.17568	56237.54297	503671.0	5411347.7
L3670.0	503671.0	5411349.2	80166.89844	324.95	0	48.855098	-86.949956	56277.22	56248.4	1.60	56278.82	56277.87109	56237.14933	56227.48438	503671.0	5411349.2
L3670.0	503671.0	5411349.2	80167.00000	324.21	0	48.855098	-86.949956	56276.52	56248.4	1.60	56278.12	56277.15234	56244.56647	56234.87500	503671.0	5411349.2
L3670.0	503671.0	5411351.4	80167.10156	323.40	0	48.855119	-86.949956	56275.54	56248.4	1.60	56277.14	56276.15625	56237.63063	56227.91406	503671.0	5411351.4
L3670.0	503671.0	5411352.9	80167.20313	323.87	0	48.855132	-86.949956	56274.67	56248.4	1.60	56276.27	56275.27344	56233.73968	56224.00000	503671.0	5411352.9
L3670.0	503671.0	5411352.9	80167.29688	324.29	0	48.855132	-86.949956	56274.32	56248.4	1.60	56275.91	56274.89844	56243.57178	56233.80859	503671.0	5411352.9
L3670.0	503671.0	5411354.7	80167.39844	325.33	0	48.855148	-86.949956	56273.14	56248.4	1.60	56274.73	56273.70313	56230.62639	56220.84375	503671.0	5411354.7
L3670.0	503671.0	5411356.3	80167.50000	325.02	0	48.855162	-86.949956	56272.68	56248.4	1.59	56274.28	56273.23828	56236.98204	56227.18359	503671.0	5411356.3
L3670.0	503671.0	5411356.3	80167.60156	325.33	0	48.855162	-86.949956	56271.63	56248.4	1.59	56273.23	56272.17578	56226.99026	56217.17578	503671.0	5411356.3
L3670.0	503671.0	5411358.2	80167.70313	323.54	0	48.855179	-86.949956	56270.92	56248.4	1.59	56272.51	56271.44141	56225.29740	56215.46875	503671.0	5411358.2
L3670.0	503671.0	5411358.2	80167.70313	322.48	0	48.855179	-86.949956	56270.10	56248.4	1.59	56271.69	56270.60547	56220.52603	56210.68750	503671.0	5411358.2
L3670.0	503671.0	5411359.7	80167.89844	322.05	0	48.855193	-86.949956	56269.31	56248.4	1.59	56270.90	56269.80469	56216.02957	56206.18359	503671.0	5411359.7
L3670.0	503671.0	5411361.4	80168.00000	322.20	0	48.855209	-86.949956	56268.75	56248.4	1.59	56270.34	56269.23047	56217.01565	56207.16406	503671.0	5411361.4
L3670.0	503671.0	5411361.4	80168.10156	320.65	0	48.855209	-86.949956	56267.91	56248.4	1.59	56269.50	56268.37891	56210.23979	56200.38281	503671.0	5411361.4
L3670.0	503671.0	5411363.6	80168.20313	321.69	0	48.855228	-86.949956	56267.17	56248.4	1.59	56268.76	56267.62500	56205.61879	56195.75781	503671.0	5411363.6
L3670.0	503671.0	5411365.0	80168.29688	321.82	0	48.855241	-86.949956	56266.38	56248.4	1.59	56267.96	56266.81250	56198.99306	56189.13281	503671.0	5411365.0
L3670.0	503671.0	5411366.8	80168.39844	322.66	0	48.855257	-86.949956	56265.56	56248.4	1.59	56267.14	56265.98047	56191.38188	56181.51953	503671.0	5411366.8
L3670.0	503671.0	5411366.8	80168.50000	322.49	0	48.855257	-86.949956	56265.13	56248.4	1.58	56266.71	56265.53906	56193.59629	56183.73828	503671.0	5411366.8
L3670.0	503670.9	5411368.1	80168.60156	335.77	0	48.855269	-86.949956	56264.64	56248.4	1.58	56266.22	56265.03906	56193.78799	56183.93359	503670.9	5411368.1
L3670.0	503670.9	5411370.1	80168.70313	317.39	0	48.855286	-86.949956	56263.79	56248.4	1.58	56265.38	56264.18750	56184.24477	56174.39844	503670.9	5411370.1
L3670.0	503670.9	5411370.1	80168.79688	316.95	0	48.855286	-86.949956	56263.57	56248.4	1.58	56265.16	56263.95703	56190.65803	56180.82031	503670.9	5411370.1
L3670.0	503670.9	5411371.6	80168.89844	332.81	0	48.855300	-86.949956	56262.74	56248.4	1.58	56264.32	56263.10547	56180.13223	56170.30078	503670.9	5411371.6
L3670.0	503670.9	5411373.3	80169.00000	333.09	0	48.855315	-86.949956	56262.47	56248.4	1.58	56264.05	56262.82813	56184.25329	56174.43359	503670.9	5411373.3
L3670.0	503670.9	5411374.6	80169.10156	333.31	0	48.855327	-86.949956	56262.02	56248.4	1.58	56263.60	56262.36719	56183.09087	56173.28516	503670.9	5411374.6
L3670.0	503670.9	5411374.6	80169.20313	333.15	0	48.855327	-86.949956	56261.29	56248.4	1.58	56262.87	56261.62500	56173.97726	56164.18359	503670.9	5411374.6
L3670.0	503670.9	5411376.1	80169.29688	333.21	0	48.855340	-86.949956	56260.84	56248.4	1.58	56262.42	56261.16797	56171.79798	56162.01953	503670.9	5411376.1
L3670.0	503670.9	5411377.7	80169.39844	321.27	0	48.855355	-86.949956	56260.15	56248.4	1.58	56261.73	56260.46875	56162.74063	56152.98047	503670.9	5411377.7
L3670.0	503670.9	5411379.2	80169.50000	319.54	0	48.855368	-86.949956	56260.32	56248.4	1.58	56261.90	56260.62891	56175.96704	56166.22266	503670.9	5411379.2

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L3670.0	503670.9	5411379.2	80169.60156	321.16	0	48.855368	-86.949956	56259.74	56248.4	1.58	56261.32	56260.03906	56168.80129	56159.07813	503670.9	5411379.2
L3670.0	503670.9	5411380.8	80169.70313	321.54	0	48.855383	-86.949957	56259.59	56248.4	1.58	56261.17	56259.87891	56172.49066	56162.78516	503670.9	5411380.8
L3670.0	503670.9	5411380.8	80169.70313	321.73	0	48.855383	-86.949957	56259.32	56248.4	1.58	56260.90	56259.60156	56172.51690	56162.83203	503670.9	5411380.8
L3670.0	503670.9	5411382.7	80169.89844	322.67	0	48.855400	-86.949957	56258.88	56248.4	1.58	56260.46	56259.15234	56167.64254	56157.98047	503670.9	5411382.7
L3670.0	503670.9	5411384.0	80170.00000	322.25	0	48.855412	-86.949957	56258.84	56248.4	1.58	56260.42	56259.10156	56172.73770	56163.09766	503670.9	5411384.0
L3670.0	503670.9	5411385.4	80170.10156	323.16	0	48.855424	-86.949957	56258.70	56248.4	1.58	56260.28	56258.95313	56174.74038	56165.12109	503670.9	5411385.4
L3670.0	503670.9	5411385.4	80170.20313	323.05	0	48.855424	-86.949957	56258.38	56248.4	1.58	56259.96	56258.62500	56171.63578	56162.03906	503670.9	5411385.4
L3670.0	503670.9	5411387.0	80170.29688	320.87	0	48.855439	-86.949957	56258.44	56248.4	1.58	56260.02	56258.67969	56177.62015	56168.04688	503670.9	5411387.0
L3670.0	503670.9	5411387.0	80170.39844	322.42	0	48.855439	-86.949957	56258.11	56248.4	1.58	56259.69	56258.33984	56173.17406	56163.62500	503670.9	5411387.0
L3670.0	503670.9	5411388.8	80170.50000	322.96	0	48.855455	-86.949956	56258.13	56248.4	1.58	56259.71	56258.35156	56176.84887	56167.32422	503670.9	5411388.8
L3670.0	503670.9	5411390.0	80170.60156	323.48	0	48.855465	-86.949956	56258.21	56248.4	1.58	56259.79	56258.42188	56181.31709	56171.81641	503670.9	5411390.0
L3670.0	503670.9	5411391.3	80170.70313	323.27	0	48.855477	-86.949956	56258.00	56248.4	1.58	56259.58	56258.20313	56178.03386	56168.55469	503670.9	5411391.3
L3670.0	503670.9	5411392.5	80170.79688	322.85	0	48.855488	-86.949956	56258.06	56248.4	1.58	56259.64	56258.25781	56180.68746	56171.23047	503670.9	5411392.5
L3670.0	503670.9	5411393.9	80170.89844	323.46	0	48.855501	-86.949956	56258.06	56248.4	1.58	56259.64	56258.24609	56181.25275	56171.82031	503670.9	5411393.9
L3670.0	503670.9	5411393.9	80171.00000	323.16	0	48.855501	-86.949956	56258.18	56248.4	1.58	56259.76	56258.35938	56184.08158	56174.67188	503670.9	5411393.9
L3670.0	503670.9	5411395.8	80171.10156	322.34	0	48.855518	-86.949956	56257.98	56248.4	1.58	56259.55	56258.14063	56178.42984	56169.03906	503670.9	5411395.8
L3670.0	503670.9	5411395.8	80171.20313	321.74	0	48.855518	-86.949956	56258.08	56248.4	1.57	56259.65	56258.23047	56179.61063	56170.24219	503670.9	5411395.8
L3670.0	503670.9	5411397.5	80171.29688	319.99	0	48.855533	-86.949956	56258.19	56248.4	1.57	56259.76	56258.33203	56180.43966	56171.08984	503670.9	5411397.5
L3670.0	503670.9	5411398.7	80171.39844	319.12	0	48.855544	-86.949956	56258.56	56248.4	1.57	56260.13	56258.69531	56186.84282	56177.51172	503670.9	5411398.7
L3670.0	503670.9	5411400.2	80171.50000	318.67	0	48.855557	-86.949956	56259.00	56248.4	1.57	56260.57	56259.12500	56194.32159	56185.00781	503670.9	5411400.2
L3670.0	503670.9	5411401.5	80171.60156	318.33	0	48.855569	-86.949956	56259.12	56248.4	1.56	56260.68	56259.22656	56193.41256	56184.11719	503670.9	5411401.5
L3670.0	503670.9	5411401.5	80171.70313	317.78	0	48.855569	-86.949956	56259.43	56248.4	1.56	56260.99	56259.52734	56196.72675	56187.44531	503670.9	5411401.5
L3670.0	503670.9	5411402.7	80171.70313	318.49	0	48.855580	-86.949956	56259.56	56248.4	1.56	56261.12	56259.64844	56195.23651	56185.96875	503670.9	5411402.7
L3670.0	503670.9	5411402.7	80171.89844	320.28	0	48.855580	-86.949956	56259.92	56248.4	1.55	56261.47	56259.98828	56198.51619	56189.25781	503670.9	5411402.7
L3670.0	503670.9	5411404.4	80172.00000	321.69	0	48.855595	-86.949956	56259.94	56248.4	1.55	56261.49	56260.00000	56193.38568	56184.13672	503670.9	5411404.4
L3670.0	503670.9	5411405.7	80172.10156	320.00	0	48.855607	-86.949956	56260.30	56248.4	1.55	56261.85	56260.34766	56195.97928	56186.73828	503670.9	5411405.7
L3670.0	503670.9	5411406.7	80172.20313	321.06	0	48.855616	-86.949956	56260.66	56248.4	1.55	56262.21	56260.69922	56198.15265	56188.91406	503670.9	5411406.7
L3670.0	503670.9	5411406.7	80172.29688	322.56	0	48.855616	-86.949956	56261.10	56248.4	1.55	56262.65	56261.12891	56201.87990	56192.64453	503670.9	5411406.7
L3670.0	503670.9	5411408.1	80172.39844	323.18	0	48.855628	-86.949956	56261.60	56248.4	1.55	56263.15	56261.61719	56206.71462	56197.48047	503670.9	5411408.1
L3670.0	503670.9	5411409.4	80172.50000	323.87	0	48.855640	-86.949956	56262.09	56248.4	1.56	56263.64	56262.09766	56210.95633	56201.71875	503670.9	5411409.4
L3670.0	503670.9	5411409.4	80172.60156	324.77	0	48.855640	-86.949956	56262.14	56248.4	1.56	56263.70	56262.14453	56204.17682	56194.93359	503670.9	5411409.4
L3670.0	503670.9	5411411.6	80172.70313	324.98	0	48.855660	-86.949956	56262.89	56248.4	1.56	56264.45	56262.88281	56214.20471	56204.95313	503670.9	5411411.6
L3670.0	503670.9	5411411.6	80172.79688	325.65	0	48.855660	-86.949956	56263.47	56248.4	1.56	56265.03	56263.44922	56219.73156	56210.46875	503670.9	5411411.6
L3670.0	503670.9	5411412.8	80172.89844	325.75	0	48.855671	-86.949956	56263.82	56248.4	1.56	56265.38	56263.78906	56219.20434	56209.92578	503670.9	5411412.8
L3670.0	503670.9	5411414.0	80173.00000	323.50	0	48.855682	-86.949956	56264.33	56248.4	1.56	56265.89	56264.28516	56222.43162	56213.13281	503670.9	5411414.0
L3670.0	503670.9	5411415.3	80173.10156	324.04	0	48.855693	-86.949956	56264.57	56248.4	1.56	56266.13	56264.51172	56218.57240	56209.25391	503670.9	5411415.3
L3670.0	503670.9	5411415.3	80173.20313	324.57	0	48.855693	-86.949956	56265.05	56248.4	1.56	56266.61	56264.97656	56220.53345	56211.18750	503670.9	5411415.3
L3670.0	503670.9	5411416.6	80173.29688	323.79	0	48.855705	-86.949956	56265.43	56248.4	1.56	56266.99	56265.34375	56219.72665	56210.35156	503670.9	5411416.6
L3670.0	503670.9	5411416.6	80173.39844	323.75	0	48.855705	-86.949956	56266.25	56248.4	1.56	56267.80	56266.14063	56229.60273	56220.19531	503670.9	5411416.6
L3670.0	503670.9	5411417.8	80173.50000	322.65	0	48.855716	-86.949956	56267.01	56248.4	1.56	56268.56	56266.88281	56237.98434	56228.53906	503670.9	5411417.8
L3670.0	503670.9	5411419.1	80173.60156	321.09	0	48.855728	-86.949956	56267.17	56248.4	1.55	56268.73	56267.03906	56231.18432	56221.69922	503670.9	5411419.1
L3670.0	503670.9	5411419.1	80173.70313	321.47	0	48.855728	-86.949956	56267.95	56248.4	1.55	56269.50	56267.79297	56239.39446	56229.86328	503670.9	5411419.1
L3670.0	503670.9	5411420.4	80173.70313	320.49	0	48.855739	-86.949956	56268.52	56248.4	1.55	56270.07	56268.34375	56242.34332	56232.76172	503670.9	5411420.4
L3670.0	503670.9	5411421.4	80173.89844	320.78	0	48.855748	-86.949956	56269.24	56248.4	1.55	56270.79	56269.04688	56248.91817	56239.28125	503670.9	5411421.4
L3670.0	503670.9	5411422.6	80174.00000	318.45	0	48.855759	-86.949956	56269.46	56248.4	1.55	56271.01	56269.25000	56242.67008	56232.97266	503670.9	5411422.6
L3670.0	503670.9	5411422.6	80174.10156	336.10	0	48.855759	-86.949956	56270.30	56248.4	1.55	56271.85	56270.07422	56251.98852	56242.22656	503670.9	5411422.6
L3670.0	503670.9	5411423.8	80174.20313	316.54	0	48.855769	-86.949955	56270.79	56248.4	1.55	56272.35	56270.55469	56252.57023	56242.73828	503670.9	5411423.8
L3670.0	503671.0	5411424.8	80174.29688	315.58	0	48.855779	-86.949955	56271.38	56248.4	1.55	56272.93	56271.11328	56255.07386	56245.16797	503671.0	5411424.8
L3670.0	503671.0	5411424.8	80174.39844	316.67	0	48.855779	-86.949955	56272.14	56248.4	1.55	56273.70	56271.86328	56262.31627	56252.32813	503671.0	5411424.8
L3670.0	503671.0	5411426.1	80174.50000	317.15	0	48.855791	-86.949955	56272.53	56248.4	1.56	56274.09	56272.23438	56259.83166	56249.75781	503671.0	5411426.1
L3670.0	503671.0	5411427.1	80174.60156	335.49	0	48.855800	-86.949955	56273.21	56248.4	1.56	56274.76	56272.88281	56264.42081	56254.25781	503671.0	5411427.1
L3670.0	503671.0	5411427.1	80174.70313	336.83	0	48.855800	-86.949955	56273.57	56248.4	1.56	56275.13	56273.23047	56261.31757	56251.05859	503671.0	5411427.1
L3670.0	503671.0	5411428.0	80174.79688	336.93	0	48.855808	-86.949955	56274.29	56248.4	1.56	56275.84	56273.91797	56266.88865	56256.52734	503671.0	5411428.0
L3670.0	503671.0	5411429.1	80174.89844	338.70	0	48.855818	-86.949955	56274.74	56248.4	1.56	56276.30	56274.35547	56266.05473	56255.58594	503671.0	5411429.1
L3670.0	503671.0	5411429.1	80175.00000	339.20	0	48.855818	-86.949955	56275.33	56248.4	1.56	56276.89	56274.92188	56268.57002	56257.98828	503671.0	5411429.1
L3670.0	503671.0	5411430.5	80175.10156	321.35	0	48.855830	-86.949955	56275.77	56248.4	1.56	56277.33	56275.33594	56267.24984	56256.55078	503671.0	5411430.5
L3670.0	503671.0	5411431.3	80175.20313	322.74	0	48.855837	-86.949955	56276.74	56248.4	1.56	56278.30	56276.28125	56279.64336	56268.81641	503671.0	5411431.3
L3670.0	503671.0	5411432.5	80175.29688	322.22	0	48.855848	-86.949955	56277.35	56248.4	1.56	56278.91	56276.86719	56282.81088	56271.85547	503671.0	5411432.5
L3670.0	503671.0	5411432.5	80175.39844	322.98	0	48.855848	-86.949955	56277.75	56248.4	1.56	56279.31	56277.23828	56280.61440	56269.51953	503671.0	5411432.5
L3670.0	503671.0	5411433.5	80175.50000	322.87	0	48.855857	-86.949955	56278.32	56248.4	1.56	56279.88	56277.78125	56282.88450	56271.64844	503671.0	5411433.5
L3670.0	503671.0	5411433.5	80175.60156	322.74	0	48.855857	-86.949955	56278.98	56248.4	1.56	56280.54	56278.41406	56287.56475	56276.17969	503671.0	5411433.5
L3670.0	503671.0	5411434.8	80175.70313	322.88	0	48.855868	-86.949955	56279.44	56248.4	1.56	56281.00	56278.84375	56287.17350	56275.63281	503671.0	5411434.8
L3670.0	503670.9	5411435.6	80175.70313	323.59	0	48.855876	-86.949955	56279.84	56248.4	1.56	56281.40	56279.21484	56285.34423	56273.64063	503670.9	5411435.6
L3670.0	503670.9	5411435.6	80175.89844	322.57	0	48.855876	-86.949955	56280.63	56248.4	1.56	56282.18	56279.96484	56293.43193	56281.55859	503670.9	5411435.6
L3670.0	503670.9	5411436.7	80176.00000	322.82	0	48.855886	-86.949955	56280.79	56248.4	1.56	56282.35	56280.10547	56285.93019	56273.88281	503670.9	5411436.7
L3670.0	503670.9	5411437.6	80176.10156	322.67	0	48.855894	-86.949956	56281.20	56248.4	1.56	56282.76	56280.48438	56284.75739	56272.53125	503670.9	5411437.6
L3670.0	503670.9	5411437.6	80176.20313	323.27	0	48.855894	-86.949956	56281.84	56248.4	1.56	56283.40	56281.08984	56289.64811	56277.23438	503670.9	5411437.6
L3670.0	503670.9	5411438.9	80176.29688	323.30	0	48.855905	-86.949956	56282.40	56248.4	1.55	56283.96	56281.61719	56292.63927	56280.03125	503670.9	5411438.9
L3670.0	503670.9	5411439.4	80176.39844	323.71	0	48.855910	-86.949956	56282.91	56248.4	1.55	56284.47	56282.09375	56294.51573	56281.70703	503670.9	5411439.4
L3670.0	503670.9	5411439.4	80176.50000	322.95	0	48.855910	-86.949956	56283.20	56248.4	1.55	56284.75	56282.33984	56290.66067	56277.64453	503670.9	5411439.4
L3670.0	503670.9	5411440.2	80176.60156	324.41	0	48.855917	-86.949956	56283.81	56248.5	1.55	56285.35	56282.90625	56295.21893	56281.99219	503670.9	5411440.2
L3670.0	503670.9	5411440.9	80176.70313	324.44	0	48.855923	-86.949956	56284.21	56248.5	1.55	56285.76	56283.27734	56295.08526	56281.63672	503670.9	5411440.9
L3670.0	503670.9	5411440.9	80176.79688	324.98	0	48.855923	-86.949956	56284.68	56248.5	1.54	56286.22	56283.70313	56296.44098	56282.76563	503670.9	5411440.9
L3670.0	503670.9	5411441.7	80176.89844	323.82	0	48.855930	-86.949956	56284.63	56248.5	1.54	56286.17	56283.61328	56284.80531	56270.89844	503670.9	5411441.7
L3670.0	503670.9	5411442.4	80177.00000	322.76	0	48.855937	-86.949956	56285.18	56248.5	1.54	56286.72	56284.12500	56288.89096	56274.74609	503670.9	5411442.4
L3670.0	503670.9	5411442.4	80177.10156	322.10	0	48.855937	-86.949956	56285.77	56248.5	1.54	56287.31	56284.67578	56294.25185	56279.86328	503670.9	5411442.4
L3670.0	503670.9	5411443.2	80177.20313	321.68	0	48.855945	-86.949956	56286.00	56248.5	1.54	56287.54	56284.86719	56290.46819	56275.82813	503670.9	5411443.2
L3670.0	503670.9	5411444.1	80177.20313	322.28	0	48.855952	-86.949956	56286.72	56248.5	1.54	56288.26	56285.54688	56299.70858	56284.80859	503670.9	5411444.1
L3670.0	503670.9	5411444.6	80177.39844	323.95	0	48.855957	-86.949956	56287.02	56248.5	1.54	56288.56	56285.80469	56298.20990	56283.04688	503670.9	5411444.6
L3670.0	503670.9	5411444.6	80177.50000	325.81	0	48.855957	-86.949956	56287.38	56248.5	1.54	56288.93	56286.13281	56298.77909	56283.34375	503670.9	5411444.6
L3670.0	503670.9	5411445.4	80177.60156	325.97	0	48.855964	-86.949956	56287.99	56248.5	1.55	56289.54	56286.70313	56305.93129	56290.21875	503670.9	5411445.4
L3670.0	503670.9	5411446.1	80177.70313	325.41	0	48.855970	-86.949956	56288.12	56248.5	1.55	56289.66	56286.77734	56300.38518	56284.39063	503670.9	5411446.1
L3670.0	503670.9	5411446.9	80177.70313	324.87	0	48.855977	-86.949956	56288.53	56248.5	1.55	56290.07	56287.14453	56302.76307	56286.48047	503670.9	5411446.9
L3670.0	503670.9	5411446.9	80177.89844	323.74	0	48.855977	-86.949956	56288.88	56248.5	1.55	56290.43	56287.46094	56304.07389	56287.49609	503670.9	5411446.9
L3670.0	503670.9	5411447.2	80178.00000	324.04	0	48.855981	-86.949956	56289.14	56248.4	1.55	56290.69	56287.67578	56302.96448	56286.08594	503670.9	5411447.2
L3670.0	503670.9	5411447.9	80178.10156	322.04	0	48.855987	-86.949956	56289.30	56248.5	1.55	56290.84	56287.78125	56299.13325	56281.94922	503670.9	5411447.9
L3670.0	503670.9	5411447.9	80178.20313	321.45	0	48.855987	-86.949956	56289.70	56248.5	1.54	56291.24	56288.13281	56302.29857	56284.80078	503670.9	5411447.9
L3670.0	503670.9	5411448.4	80178.29688	322.39	0	48.855991	-86.949955	56290.06	56248.5	1.54	56291.60	56288.44531	56304.66498	56286.85156	503670.9	5411448.4
L3670.0	503670.9	5411449.0	80178.39844	323.24	0	48.855996	-86.949955	56290.34	56248.5	1.53	56291.87	56288.66797	56304.85166	56286.71484	503670.9	5411449.0
L3670.0	503670.9	5411449.4	80178.50000	323.88	0	48.856000	-86.949955	56290.54	56248.5	1.53	56292.07	56288.82031	56303.37431	56284.90625	503670.9	5411449.4
L3670.0	503670.9	5411449.4	80178.60156	325.57	0	48.856000	-86.949955	56290.90	56248.5	1.53	56292.43	56289.12891	56306.57311	56287.77344	503670.9	5411449.4
L3670.0	503671.0	5411449.8	80178.70313	325.83	0	48.856003	-86.949955	56291.02	56248.5	1.52	56292.54	56289.19141	56303.11021	56283.97266	503671.0	5411449.8
L3670.0	503671.0	5411450.3	80178.79688	327.82	0	48.856008	-86.949955	56291.34	56248.5	1.52	56292.85	56289.44922	56305.46863	56285.98438	503671.0	5411450.3

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L3670.0	503671.0	5411450.3	80178.89844	326.73	0	48.856008	-86.949955	56291.54	56248.5	1.51	56293.05	56289.60156	56305.02018	56285.18750	503671.0	5411450.3
L3670.0	503671.0	5411450.9	80179.00000	326.18	0	48.856013	-86.949955	56291.89	56248.5	1.51	56293.40	56289.89844	56309.06403	56288.87500	503671.0	5411450.9
L3670.0	503671.0	5411451.3	80179.10156	326.30	0	48.856018	-86.949955	56292.08	56248.5	1.51	56293.59	56290.03906	56308.86545	56288.32031	503671.0	5411451.3
L3670.0	503671.0	5411451.7	80179.20313	327.30	0	48.856021	-86.949955	56292.30	56248.5	1.51	56293.81	56290.20313	56309.77663	56288.86719	503671.0	5411451.7
L3670.0	503671.0	5411451.7	80179.29688	326.52	0	48.856021	-86.949955	56292.48	56248.5	1.51	56293.99	56290.33203	56309.80877	56288.53125	503671.0	5411451.7
L3670.0	503671.0	5411452.1	80179.39844	326.62	0	48.856025	-86.949955	56292.62	56248.5	1.51	56294.13	56290.41797	56308.95221	56287.30469	503671.0	5411452.1
L3670.0	503671.0	5411452.6	80179.39844	328.30	0	48.856029	-86.949955	56292.91	56248.5	1.51	56294.43	56290.66406	56312.92933	56290.90234	503671.0	5411452.6
L3670.0	503671.0	5411452.6	80179.60156	329.16	0	48.856029	-86.949955	56292.67	56248.5	1.52	56294.18	56290.35938	56301.39438	56278.98828	503671.0	5411452.6
L3670.0	503671.0	5411452.9	80179.70313	327.75	0	48.856032	-86.949955	56292.81	56248.5	1.52	56294.33	56290.45703	56301.57270	56278.78516	503671.0	5411452.9
L3670.0	503671.0	5411453.1	80179.70313	327.65	0	48.856033	-86.949955	56293.02	56248.5	1.52	56294.53	56290.60156	56303.43783	56280.26172	503671.0	5411453.1
L3670.0	503671.0	5411453.1	80179.79688	326.70	0	48.856033	-86.949955	56293.25	56248.5	1.52	56294.77	56290.78516	56306.69687	56283.12891	503671.0	5411453.1
L3670.0	503671.0	5411453.4	80179.89844	327.52	0	48.856036	-86.949955	56293.40	56248.5	1.52	56294.92	56290.87891	56307.61808	56283.65625	503671.0	5411453.4
L3670.0	503670.9	5411453.7	80180.00000	328.29	0	48.856038	-86.949955	56293.57	56248.5	1.52	56295.09	56290.99219	56309.35038	56284.99219	503670.9	5411453.7
L3670.0	503670.9	5411453.9	80180.10156	329.34	0	48.856040	-86.949955	56293.81	56248.5	1.52	56295.33	56291.17578	56313.31124	56288.55078	503670.9	5411453.9
L3670.0	503670.9	5411453.9	80180.20313	327.81	0	48.856040	-86.949955	56293.86	56248.5	1.52	56295.38	56291.17188	56312.08452	56286.92188	503670.9	5411453.9
L3670.0	503670.9	5411454.1	80180.29688	325.87	0	48.856042	-86.949955	56293.94	56248.5	1.52	56295.46	56291.19531	56311.94846	56286.37891	503670.9	5411454.1
L3670.0	503670.9	5411454.2	80180.50000	323.80	0	48.856043	-86.949956	56294.06	56248.5	1.51	56295.58	56291.25781	56313.17586	56287.19922	503670.9	5411454.2
L3670.0	503670.9	5411454.2	80180.60156	324.27	0	48.856043	-86.949956	56294.22	56248.5	1.51	56295.73	56291.34766	56315.47153	56289.08203	503670.9	5411454.2
L3670.0	503670.9	5411454.4	80180.70313	325.00	0	48.856045	-86.949956	56294.29	56248.5	1.51	56295.81	56291.37109	56316.01080	56289.21094	503670.9	5411454.4
L3670.0	503670.9	5411454.4	80180.79688	326.82	0	48.856045	-86.949956	56294.32	56248.5	1.51	56295.83	56291.33203	56315.08653	56287.87109	503670.9	5411454.4
L3670.0	503670.9	5411454.4	80180.89844	323.88	0	48.856045	-86.949956	56294.68	56248.5	1.51	56296.19	56291.63281	56323.91113	56296.27734	503670.9	5411454.4
L3670.0	503670.9	5411454.5	80181.00000	323.76	0	48.856046	-86.949956	56294.60	56248.5	1.51	56296.11	56291.49609	56320.61758	56292.56641	503670.9	5411454.5
L3670.0	503670.9	5411454.5	80181.10156	323.14	0	48.856046	-86.949956	56294.73	56248.5	1.51	56296.24	56291.56641	56323.41305	56294.94141	503670.9	5411454.5
L3670.0	503670.9	5411454.6	80181.20313	324.18	0	48.856047	-86.949956	56294.70	56248.5	1.51	56296.21	56291.48047	56321.95294	56293.06250	503670.9	5411454.6
L3670.0	503670.9	5411454.6	80181.29688	322.80	0	48.856047	-86.949956	56295.01	56248.5	1.51	56296.51	56291.71875	56329.89460	56300.58203	503670.9	5411454.6
L3670.0	503670.9	5411454.7	80181.39844	322.89	0	48.856047	-86.949956	56295.02	56248.5	1.51	56296.52	56291.67188	56329.95947	56300.22656	503670.9	5411454.7
L3670.0	503670.8	5411454.7	80181.50000	325.76	0	48.856048	-86.949957	56295.36	56248.5	1.51	56296.87	56291.96094	56339.68455	56309.52734	503670.8	5411454.7
L3670.0	503670.8	5411454.7	80181.60156	326.10	0	48.856048	-86.949957	56295.32	56248.5	1.50	56296.82	56291.85156	56338.47331	56307.89453	503670.8	5411454.7
L3670.0	503670.8	5411454.8	80181.70313	325.60	0	48.856048	-86.949957	56295.11	56248.5	1.50	56296.61	56291.58203	56332.99790	56301.99609	503670.8	5411454.8
L3680.0	503681.9	5410222.8	41265.50000	262.12	0	48.844966	-86.949817	55894.31	56244.2	5.83	55900.14	55943.95703	55897.18112	55932.33594	503681.9	5410222.8
L3680.0	503681.9	5410223.0	41265.60156	263.08	0	48.844968	-86.949816	55894.43	56244.2	5.83	55900.26	55943.98047	55897.69183	55932.67969	503681.9	5410223.0
L3680.0	503682.0	5410223.2	41265.69922	263.12	0	48.844969	-86.949816	55893.98	56244.2	5.83	55899.80	55943.42188	55898.17295	55932.99219	503682.0	5410223.2
L3680.0	503682.0	5410223.2	41265.80078	260.80	0	48.844969	-86.949816	55894.14	56244.2	5.82	55899.96	55943.48047	55898.68790	55933.33594	503682.0	5410223.2
L3680.0	503682.0	5410223.5	41265.89844	260.70	0	48.844972	-86.949815	55894.11	56244.2	5.82	55899.93	55943.35156	55899.19430	55933.67578	503682.0	5410223.5
L3680.0	503682.0	5410223.7	41266.00000	261.38	0	48.844973	-86.949815	55894.16	56244.2	5.82	55899.98	55943.30078	55899.70565	55934.01563	503682.0	5410223.7
L3680.0	503682.0	5410223.7	41266.10156	263.95	0	48.844973	-86.949815	55894.06	56244.2	5.82	55899.88	55943.10156	55900.21180	55934.35156	503682.0	5410223.7
L3680.0	503682.1	5410224.0	41266.19922	262.51	0	48.844976	-86.949815	55893.90	56244.2	5.83	55899.73	55942.84766	55900.71799	55934.69141	503682.1	5410224.0
L3680.0	503682.1	5410224.2	41266.30078	263.11	0	48.844978	-86.949815	55894.03	56244.2	5.83	55899.86	55942.87891	55901.23702	55935.03906	503682.1	5410224.2
L3680.0	503682.1	5410224.2	41266.39844	263.00	0	48.844978	-86.949815	55893.66	56244.2	5.83	55899.49	55942.40625	55901.74016	55935.37109	503682.1	5410224.2
L3680.0	503682.1	5410224.7	41266.39844	263.00	0	48.844983	-86.949814	55893.75	56244.2	5.83	55899.59	55942.40234	55902.26242	55935.72266	503682.1	5410224.7
L3680.0	503682.1	5410224.7	41266.60156	260.96	0	48.844983	-86.949814	55893.22	56244.2	5.84	55899.06	55941.76953	55902.76848	55936.05859	503682.1	5410224.7
L3680.0	503682.1	5410225.0	41266.69922	259.59	0	48.844985	-86.949814	55893.10	56244.2	5.84	55898.94	55941.54297	55903.29120	55936.41016	503682.1	5410225.0
L3680.0	503682.1	5410225.0	41266.80078	259.90	0	48.844985	-86.949814	55893.12	56244.2	5.84	55898.96	55941.45703	55903.82104	55936.76953	503682.1	5410225.0
L3680.0	503682.1	5410225.3	41266.89844	259.51	0	48.844989	-86.949814	55892.96	56244.2	5.85	55898.81	55941.19922	55904.35060	55937.12500	503682.1	5410225.3
L3680.0	503682.1	5410225.7	41267.00000	260.58	0	48.844992	-86.949815	55892.77	56244.2	5.85	55898.62	55940.90234	55904.88370	55937.48828	503682.1	5410225.7
L3680.0	503682.1	5410225.7	41267.10156	260.86	0	48.844992	-86.949815	55892.59	56244.1	5.85	55898.44	55940.61328	55905.42066	55937.85156	503682.1	5410225.7
L3680.0	503682.1	5410226.1	41267.19922	260.29	0	48.844995	-86.949815	55892.59	56244.1	5.85	55898.44	55940.50000	55905.96257	55938.21875	503682.1	5410226.1
L3680.0	503682.0	5410226.5	41267.30078	260.77	0	48.844999	-86.949815	55892.06	56244.1	5.86	55897.92	55939.86719	55906.50070	55938.58594	503682.0	5410226.5
L3680.0	503682.0	5410226.9	41267.39844	261.66	0	48.845002	-86.949815	55892.48	56244.1	5.86	55898.34	55940.17188	55907.04793	55938.95703	503682.0	5410226.9
L3680.0	503682.0	5410227.2	41267.50000	262.20	0	48.845005	-86.949815	55892.52	56244.1	5.86	55898.38	55940.09766	55907.59147	55939.32813	503682.0	5410227.2
L3680.0	503682.0	5410227.2	41267.60156	262.70	0	48.845005	-86.949815	55892.44	56244.1	5.86	55898.30	55939.90234	55908.13503	55939.69531	503682.0	5410227.2
L3680.0	503682.0	5410227.8	41267.69922	259.28	0	48.845010	-86.949815	55891.88	56244.1	5.86	55897.74	55939.22266	55908.67984	55940.06250	503682.0	5410227.8
L3680.0	503682.0	5410228.4	41267.80078	255.41	0	48.845016	-86.949815	55891.68	56244.1	5.87	55897.55	55938.91016	55909.23082	55940.43750	503682.0	5410228.4
L3680.0	503682.0	5410228.8	41267.89844	255.28	0	48.845020	-86.949815	55891.58	56244.1	5.87	55897.45	55938.68750	55909.78685	55940.81641	503682.0	5410228.8
L3680.0	503682.0	5410228.8	41268.00000	257.37	0	48.845020	-86.949815	55890.84	56244.1	5.87	55896.71	55937.82422	55910.34973	55941.20313	503682.0	5410228.8
L3680.0	503682.0	5410229.5	41268.10156	259.44	0	48.845026	-86.949815	55891.13	56244.1	5.87	55896.99	55937.97656	55910.91907	55941.59375	503682.0	5410229.5
L3680.0	503682.0	5410230.1	41268.19922	259.34	0	48.845031	-86.949815	55890.84	56244.1	5.87	55896.71	55937.56641	55911.49898	55941.99219	503682.0	5410230.1
L3680.0	503682.0	5410230.1	41268.30078	259.67	0	48.845031	-86.949815	55890.79	56244.1	5.86	55896.65	55937.37891	55912.08828	55942.40234	503682.0	5410230.1
L3680.0	503682.0	5410230.6	41268.39844	259.36	0	48.845036	-86.949815	55890.52	56244.1	5.86	55896.38	55936.97266	55912.69024	55942.82422	503682.0	5410230.6
L3680.0	503682.0	5410231.3	41268.39844	259.36	0	48.845043	-86.949815	55890.52	56244.1	5.86	55896.38	55936.83984	55913.30076	55943.25391	503682.0	5410231.3
L3680.0	503682.0	5410232.0	41268.60156	259.51	0	48.845049	-86.949815	55890.41	56244.1	5.86	55896.27	55936.58984	55913.92385	55943.69141	503682.0	5410232.0
L3680.0	503682.0	5410232.6	41268.69922	262.90	0	48.845054	-86.949815	55890.31	56244.1	5.86	55896.17	55936.35156	55914.55502	55944.14063	503682.0	5410232.6
L3680.0	503682.0	5410232.6	41268.80078	262.17	0	48.845054	-86.949815	55890.36	56244.1	5.85	55896.22	55936.25781	55915.18759	55944.58984	503682.0	5410232.6
L3680.0	503682.0	5410233.3	41268.89844	264.22	0	48.845060	-86.949815	55889.96	56244.1	5.85	55895.81	55935.70313	55915.83201	55945.05078	503682.0	5410233.3
L3680.0	503682.0	5410234.2	41269.00000	262.44	0	48.845068	-86.949815	55890.36	56244.2	5.85	55896.21	55935.95313	55916.45251	55945.48438	503682.0	5410234.2
L3680.0	503682.0	5410234.2	41269.10156	259.81	0	48.845068	-86.949815	55890.04	56244.1	5.85	55895.89	55935.48438	55917.08518	55945.92969	503682.0	5410234.2
L3680.0	503682.0	5410234.9	41269.19922	262.30	0	48.845075	-86.949816	55890.34	56244.1	5.85	55896.19	55935.63281	55917.68909	55946.34766	503682.0	5410234.9
L3680.0	503682.0	5410235.6	41269.30078	260.39	0	48.845081	-86.949816	55890.39	56244.1	5.85	55896.24	55935.52734	55918.28525	55946.75781	503682.0	5410235.6
L3680.0	503682.0	5410236.5	41269.39844	257.48	0	48.845089	-86.949816	55890.74	56244.1	5.85	55896.59	55935.71875	55918.85790	55947.14063	503682.0	5410236.5
L3680.0	503681.9	5410237.1	41269.39844	257.48	0	48.845094	-86.949816	55890.59	56244.1	5.85	55896.44	55935.40625	55919.42914	55947.51953	503681.9	5410237.1
L3680.0	503681.9	5410237.1	41269.60156	257.13	0	48.845094	-86.949816	55890.77	56244.1	5.86	55896.62	55935.42188	55919.97714	55947.87891	503681.9	5410237.1
L3680.0	503681.9	5410238.0	41269.69922	256.68	0	48.845102	-86.949816	55890.74	56244.1	5.86	55896.60	55935.23438	55920.51559	55948.22656	503681.9	5410238.0
L3680.0	503681.9	5410238.8	41269.80078	257.37	0	48.845110	-86.949817	55890.92	56244.1	5.86	55896.78	55935.24609	55921.03709	55948.55469	503681.9	5410238.8
L3680.0	503681.9	5410238.8	41269.89844	255.20	0	48.845110	-86.949817	55891.42	56244.1	5.86	55897.28	55935.57422	55921.54426	55948.86719	503681.9	5410238.8
L3680.0	503681.9	5410239.5	41270.00000	257.14	0	48.845115	-86.949817	55891.18	56244.1	5.86	55897.04	55935.15625	55922.04753	55949.17969	503681.9	5410239.5
L3680.0	503681.9	5410240.3	41270.10156	258.31	0	48.845123	-86.949817	55891.35	56244.1	5.86	55897.21	55935.14844	55922.53587	55949.47266	503681.9	5410240.3
L3680.0	503681.9	5410240.3	41270.19922	260.82	0	48.845123	-86.949817	55891.53	56244.1	5.86	55897.39	55935.14844	55923.01320	55949.75391	503681.9	5410240.3
L3680.0	503681.9	5410241.1	41270.30078	260.35	0	48.845130	-86.949817	55891.73	56244.1	5.86	55897.59	55935.16406	55923.48063	55950.02344	503681.9	5410241.1
L3680.0	503681.9	5410241.7	41270.39844	261.79	0	48.845136	-86.949817	55892.52	56244.1	5.86	55898.38	55935.76563	55923.95214	55950.29688	503681.9	5410241.7
L3680.0	503681.9	5410242.5	41270.39844	261.79	0	48.845143	-86.949817	55892.64	56244.1	5.86	55898.51	55935.70313	55924.40629	55950.55469	503681.9	5410242.5
L3680.0	503681.9	5410242.5	41270.60156	265.05	0	48.845143	-86.949817	55893.14	56244.1	5.87	55899.01	55936.01172	55924.87192	55950.82031	503681.9	5410242.5
L3680.0	503681.9	5410243.3	41270.69922	264.51	0	48.845150	-86.949816	55893.35	56244.1	5.87	55899.21	55936.01563	55925.33465	55951.08203	503681.9	5410243.3
L3680.0	503681.9	5410244.2	41270.80078	264.03	0	48.845158	-86.949816	55893.81	56244.1	5.87	55899.67	55936.27344	55925.82284	55951.37109	503681.9	5410244.2
L3680.0	503681.9	5410244.8	41270.89844	264.26	0	48.845163	-86.949816	55894.11	56244.1	5.87	55899.98	55936.38281	55926.32025	55951.66797	503681.9	5410244.8
L3680.0	503681.9	5410244.8	41271.00000	263.45	0	48.845163	-86.949816	55894.71	56244.1	5.87	55900.58	55936.77344	55926.85666	55952.00000	503681.9	5410244.8
L3680.0	503681.9	5410245.7	41271.10156	262.89	0	48.845172	-86.949816	55895.22	56244.1	5.87	55901.09	55937.07422	55927.41524	55952.35547	503681.9	5410245.7
L3680.0	503681.9	5410246.4	41271.19922	264.78	0	48.845178	-86.949816	55895.57	56244.1	5.87	55901.45	55937.22266	55927.99485	55952.73047	503681.9	5410246.4
L3680.0	503681.9	5410247.2	41271.30078	263.20	0	48.845185	-86.949817	55895.85	56244.1	5.87	55901.72	55937.27734	55928.60182	55953.13281	503681.9	5410247.2
L3680.0	503681.9	5410248.1	41271.39844	263.08	0	48.845193	-86.949817	55896.18	56244.1	5.87	55902.05	55937.39063	55929.24941	55953.57422	503681.9	5410248.1
L3680.0	503681.9	5410248.1	41271.50000	263.23	0	48.845193	-86.949817	55896.59	56244.1	5.88	55902.46	55937.57813	55929.94180	55954.06250	503681.9	5410248.1
L3680.0	503681.9	5410249.2	41271.60156	263.50	0	48.845204	-86.949817	55897.32	56244.1	5.88	55903.20	55938.09375	55930.70067	55954.61328	503681.9	5410249.2
L3680.0	503681.8	5410250.2	41271.69922	264.27	0	48.845212	-86.949817	55898.08	56244.1	5.88	55903.96	55938.62500	55931.49722	55955.20313	503681.8	5410250.2
L3680.0	503681.8	5410250.2	41271.80078	262.44	0	48.845212	-86.949817	55898.58	56244.1	5.88	55904.46	55938.89453	55932.30523	55955.80469	503681.8	5410250.2

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L3680.0	503681.8	5410251.0	41271.89844	261.36	0	48.845220	-86.949817	55899.02	56244.1	5.88	55904.90	55939.09766	55933.13566	55956.42578	503681.8	5410251.0
L3680.0	503681.8	5410251.8	41272.00000	260.28	0	48.845227	-86.949817	55899.52	56244.1	5.88	55905.40	55939.36328	55933.99104	55957.07031	503681.8	5410251.8
L3680.0	503681.8	5410252.8	41272.10156	259.83	0	48.845236	-86.949817	55900.02	56244.1	5.88	55905.91	55939.63281	55934.86251	55957.73047	503681.8	5410252.8
L3680.0	503681.8	5410252.8	41272.19922	258.61	0	48.845236	-86.949817	55900.58	56244.1	5.89	55906.47	55939.94922	55935.74780	55958.40625	503681.8	5410252.8
L3680.0	503681.9	5410253.9	41272.30078	258.77	0	48.845246	-86.949817	55901.32	56244.1	5.89	55907.21	55940.44141	55936.64931	55959.09766	503681.9	5410253.9
L3680.0	503681.9	5410255.0	41272.39844	261.42	0	48.845256	-86.949817	55902.23	56244.1	5.89	55908.12	55941.10547	55937.56432	55959.80078	503681.9	5410255.0
L3680.0	503681.9	5410255.0	41272.39844	261.42	0	48.845256	-86.949817	55902.78	56244.1	5.89	55908.67	55941.40234	55938.46227	55960.48828	503681.9	5410255.0
L3680.0	503681.9	5410256.2	41272.60156	264.96	0	48.845266	-86.949817	55903.26	56244.1	5.90	55909.16	55941.63672	55939.36151	55961.17188	503681.9	5410256.2
L3680.0	503681.9	5410257.1	41272.69922	266.52	0	48.845274	-86.949817	55904.15	56244.1	5.90	55910.05	55942.26953	55940.28567	55961.88281	503681.9	5410257.1
L3680.0	503681.8	5410258.0	41272.80078	265.54	0	48.845282	-86.949817	55905.14	56244.1	5.90	55911.04	55943.00000	55941.21771	55962.60156	503681.8	5410258.0
L3680.0	503681.8	5410258.0	41272.89844	264.91	0	48.845282	-86.949817	55905.92	56244.1	5.91	55911.82	55943.51563	55942.14243	55963.31250	503681.8	5410258.0
L3680.0	503681.8	5410259.3	41273.00000	263.20	0	48.845294	-86.949817	55906.63	56244.1	5.91	55912.54	55943.96875	55943.06743	55964.02344	503681.8	5410259.3
L3680.0	503681.8	5410260.3	41273.10156	262.53	0	48.845303	-86.949818	55907.44	56244.1	5.91	55913.35	55944.50781	55943.99951	55964.74219	503681.8	5410260.3
L3680.0	503681.8	5410261.3	41273.19922	259.37	0	48.845312	-86.949818	55908.73	56244.1	5.91	55914.64	55945.52734	55944.95495	55965.48438	503681.8	5410261.3
L3680.0	503681.8	5410261.3	41273.30078	257.99	0	48.845312	-86.949818	55909.39	56244.1	5.91	55915.30	55945.91406	55945.88927	55966.20313	503681.8	5410261.3
L3680.0	503681.7	5410262.2	41273.39844	259.34	0	48.845320	-86.949819	55910.37	56244.1	5.91	55916.29	55946.62891	55946.84521	55966.94531	503681.7	5410262.2
L3680.0	503681.7	5410263.3	41273.50000	257.54	0	48.845330	-86.949819	55911.41	56244.1	5.92	55917.32	55947.37891	55947.81111	55967.69531	503681.7	5410263.3
L3680.0	503681.7	5410264.5	41273.60156	259.74	0	48.845341	-86.949820	55912.42	56244.1	5.92	55918.33	55948.10547	55948.78543	55968.45313	503681.7	5410264.5
L3680.0	503681.7	5410264.5	41273.69922	261.76	0	48.845341	-86.949820	55913.31	56244.1	5.92	55919.22	55948.71094	55949.76570	55969.21875	503681.7	5410264.5
L3680.0	503681.6	5410265.5	41273.80078	259.28	0	48.845350	-86.949820	55914.44	56244.1	5.92	55920.36	55949.56641	55950.76661	55970.00391	503681.6	5410265.5
L3680.0	503681.6	5410266.5	41273.89844	261.26	0	48.845359	-86.949821	55915.78	56244.1	5.92	55921.70	55950.61719	55951.78612	55970.80859	503681.6	5410266.5
L3680.0	503681.6	5410266.5	41274.00000	262.41	0	48.845359	-86.949821	55917.02	56244.1	5.92	55922.94	55951.56641	55952.81451	55971.62109	503681.6	5410266.5
L3680.0	503681.6	5410267.8	41274.10156	262.46	0	48.845371	-86.949821	55918.41	56244.1	5.92	55924.33	55952.66016	55953.86148	55972.45313	503681.6	5410267.8
L3680.0	503681.6	5410268.8	41274.19922	262.82	0	48.845380	-86.949821	55919.43	56244.1	5.92	55925.35	55953.38672	55954.91164	55973.28906	503681.6	5410268.8
L3680.0	503681.6	5410268.8	41274.30078	262.53	0	48.845380	-86.949821	55920.72	56244.1	5.92	55926.64	55954.37891	55955.98531	55974.14844	503681.6	5410268.8
L3680.0	503681.6	5410270.1	41274.39844	261.95	0	48.845391	-86.949821	55922.01	56244.1	5.92	55927.93	55955.37109	55957.07468	55975.02344	503681.6	5410270.1
L3680.0	503681.6	5410271.0	41274.39844	261.95	0	48.845399	-86.949821	55923.22	56244.1	5.92	55929.14	55956.27734	55958.17876	55975.91406	503681.6	5410271.0
L3680.0	503681.6	5410272.4	41274.60156	261.18	0	48.845412	-86.949821	55924.69	56244.1	5.93	55930.61	55957.44531	55959.30554	55976.82422	503681.6	5410272.4
L3680.0	503681.6	5410272.4	41274.69922	260.15	0	48.845412	-86.949821	55926.03	56244.1	5.93	55931.95	55958.48047	55960.44575	55977.75000	503681.6	5410272.4
L3680.0	503681.6	5410273.7	41274.80078	260.76	0	48.845423	-86.949821	55927.47	56244.1	5.93	55933.40	55959.62109	55961.60209	55978.69531	503681.6	5410273.7
L3680.0	503681.6	5410274.9	41274.89844	259.19	0	48.845434	-86.949821	55928.43	56244.1	5.93	55934.36	55960.27344	55962.76611	55979.64453	503681.6	5410274.9
L3680.0	503681.6	5410274.9	41275.00000	260.62	0	48.845434	-86.949821	55929.85	56244.1	5.93	55935.78	55961.38281	55963.94552	55980.61328	503681.6	5410274.9
L3680.0	503681.6	5410277.3	41275.10156	259.99	0	48.845456	-86.949821	55931.32	56244.1	5.93	55937.25	55962.54297	55965.13232	55981.58594	503681.6	5410277.3
L3680.0	503681.6	5410277.3	41275.19922	263.50	0	48.845456	-86.949821	55933.21	56244.1	5.94	55939.15	55964.12891	55966.32366	55982.56641	503681.6	5410277.3
L3680.0	503681.6	5410278.3	41275.30078	263.68	0	48.845465	-86.949821	55934.73	56244.1	5.94	55940.67	55965.33203	55967.51934	55983.55078	503681.6	5410278.3
L3680.0	503681.6	5410278.3	41275.39844	258.11	0	48.845465	-86.949821	55936.07	56244.1	5.95	55942.02	55966.36719	55968.72007	55984.54297	503681.6	5410278.3
L3680.0	503681.6	5410279.4	41275.50000	259.66	0	48.845475	-86.949820	55937.56	56244.1	5.95	55943.51	55967.53906	55969.92180	55985.53516	503681.6	5410279.4
L3680.0	503681.6	5410280.6	41275.60156	259.69	0	48.845485	-86.949820	55939.06	56244	5.95	55945.01	55968.72266	55971.12357	55986.52734	503681.6	5410280.6
L3680.0	503681.6	5410281.8	41275.69922	258.59	0	48.845496	-86.949820	55940.60	56244	5.96	55946.56	55969.95313	55972.32391	55987.51953	503681.6	5410281.8
L3680.0	503681.6	5410282.9	41275.80078	256.37	0	48.845507	-86.949820	55942.32	56244	5.96	55948.28	55971.35156	55973.52167	55988.50781	503681.6	5410282.9
L3680.0	503681.6	5410284.2	41275.89844	256.24	0	48.845518	-86.949820	55944.44	56244	5.97	55950.41	55973.16016	55974.70911	55989.48828	503681.6	5410284.2
L3680.0	503681.6	5410284.2	41276.00000	256.56	0	48.845518	-86.949820	55946.04	56244	5.97	55952.01	55974.43750	55975.91129	55990.48438	503681.6	5410284.2
L3680.0	503681.6	5410285.2	41276.10156	257.79	0	48.845527	-86.949820	55947.63	56244	5.97	55953.61	55975.71484	55977.11369	55991.48438	503681.6	5410285.2
L3680.0	503681.6	5410286.5	41276.19922	258.03	0	48.845539	-86.949820	55949.40	56244	5.97	55955.37	55977.15234	55978.31036	55992.47656	503681.6	5410286.5
L3680.0	503681.6	5410287.6	41276.30078	258.46	0	48.845549	-86.949820	55951.25	56244	5.98	55957.22	55978.67578	55979.50411	55993.46484	503681.6	5410287.6
L3680.0	503681.6	5410288.6	41276.39844	261.72	0	48.845557	-86.949820	55952.99	56244	5.98	55958.97	55980.10156	55980.70146	55994.46094	503681.6	5410288.6
L3680.0	503681.6	5410288.6	41276.39844	261.72	0	48.845557	-86.949820	55954.56	56244	5.98	55960.54	55981.34375	55981.90466	55995.46484	503681.6	5410288.6
L3680.0	503681.6	5410289.9	41276.60156	263.31	0	48.845570	-86.949820	55956.46	56244	5.98	55962.44	55982.91797	55983.09211	55996.45313	503681.6	5410289.9
L3680.0	503681.7	5410291.7	41276.69922	262.17	0	48.845585	-86.949819	55958.18	56244	5.98	55964.16	55984.31250	55984.28341	55997.44531	503681.7	5410291.7
L3680.0	503681.7	5410291.7	41276.80078	259.00	0	48.845585	-86.949819	55960.00	56244	5.99	55965.98	55985.80469	55985.46612	55998.42969	503681.7	5410291.7
L3680.0	503681.7	5410293.0	41276.89844	259.13	0	48.845597	-86.949819	55961.42	56244	5.99	55967.41	55986.91016	55986.66148	55999.42969	503681.7	5410293.0
L3680.0	503681.7	5410294.2	41277.00000	260.04	0	48.845608	-86.949819	55963.29	56244	5.99	55969.28	55988.45313	55987.83529	56000.40625	503681.7	5410294.2
L3680.0	503681.7	5410294.2	41277.10156	258.46	0	48.845608	-86.949819	55965.11	56244	5.99	55971.11	55989.95703	55989.00852	56001.38672	503681.7	5410294.2
L3680.0	503681.7	5410295.9	41277.19922	256.63	0	48.845623	-86.949818	55967.08	56244	6.00	55973.08	55991.59766	55990.17551	56002.35938	503681.7	5410295.9
L3680.0	503681.7	5410296.9	41277.30078	257.16	0	48.845633	-86.949818	55969.03	56244	6.00	55975.03	55993.22266	55991.34386	56003.33594	503681.7	5410296.9
L3680.0	503681.8	5410298.4	41277.39844	258.84	0	48.845646	-86.949818	55970.90	56244	6.01	55976.90	55994.76563	55992.51646	56004.32031	503681.8	5410298.4
L3680.0	503681.8	5410298.4	41277.50000	258.47	0	48.845646	-86.949818	55972.80	56244	6.01	55978.81	55996.35156	55993.69083	56005.30469	503681.8	5410298.4
L3680.0	503681.8	5410299.9	41277.60156	256.51	0	48.845659	-86.949818	55974.57	56244	6.01	55980.58	55997.79297	55994.87262	56006.30078	503681.8	5410299.9
L3680.0	503681.8	5410301.2	41277.69922	256.29	0	48.845671	-86.949817	55976.64	56244	6.02	55982.66	55999.55078	55996.05301	56007.29688	503681.8	5410301.2
L3680.0	503681.8	5410302.5	41277.80078	257.83	0	48.845682	-86.949817	55978.44	56244	6.02	55984.46	56001.02344	55997.24460	56008.30469	503681.8	5410302.5
L3680.0	503681.8	5410302.5	41277.89844	256.38	0	48.845682	-86.949817	55980.48	56244	6.03	55986.51	56002.75000	55998.44120	56009.31641	503681.8	5410302.5
L3680.0	503681.9	5410304.1	41278.00000	255.29	0	48.845697	-86.949817	55982.14	56244	6.03	55988.17	56004.08594	55999.64762	56010.34375	503681.9	5410304.1
L3680.0	503681.9	5410305.3	41278.10156	256.68	0	48.845708	-86.949816	55984.23	56244	6.03	55990.27	56005.86328	56000.86351	56011.37891	503681.9	5410305.3
L3680.0	503681.9	5410305.3	41278.19922	260.43	0	48.845708	-86.949816	55985.90	56244	6.03	55991.93	56007.20313	56002.08613	56012.42578	503681.9	5410305.3
L3680.0	503681.9	5410306.6	41278.30078	262.99	0	48.845719	-86.949816	55987.42	56244	6.04	55993.45	56008.40234	56003.31412	56013.47656	503681.9	5410306.6
L3680.0	503681.9	5410307.6	41278.39844	265.30	0	48.845728	-86.949816	55989.19	56244	6.04	55995.23	56009.86328	56004.55663	56014.54688	503681.9	5410307.6
L3680.0	503682.0	5410308.8	41278.39844	265.30	0	48.845740	-86.949815	55991.39	56244	6.04	55997.43	56011.74219	56005.82533	56015.64063	503682.0	5410308.8
L3680.0	503682.0	5410308.8	41278.60156	262.75	0	48.845740	-86.949815	55993.14	56244	6.04	55999.18	56013.17578	56007.09269	56016.73828	503682.0	5410308.8
L3680.0	503682.0	5410310.3	41278.69922	262.41	0	48.845753	-86.949815	55994.63	56244	6.04	56000.67	56014.34766	56008.35931	56017.83594	503682.0	5410310.3
L3680.0	503682.0	5410311.8	41278.80078	262.39	0	48.845766	-86.949814	55996.70	56244	6.05	56002.75	56016.11328	56009.66800	56018.97656	503682.0	5410311.8
L3680.0	503682.0	5410312.9	41278.89844	264.03	0	48.845776	-86.949814	55998.12	56244	6.05	56004.17	56017.21875	56010.95431	56020.09766	503682.0	5410312.9
L3680.0	503682.0	5410312.9	41279.00000	267.03	0	48.845776	-86.949814	56000.75	56243.9	6.05	56006.80	56019.53516	56012.32917	56021.30859	503682.0	5410312.9
L3680.0	503682.0	5410314.6	41279.10156	265.52	0	48.845792	-86.949814	56002.88	56243.9	6.06	56008.93	56021.35547	56013.68939	56022.50781	503682.0	5410314.6
L3680.0	503682.1	5410315.9	41279.19922	265.61	0	48.845803	-86.949814	56005.28	56243.9	6.06	56011.34	56023.45313	56015.08323	56023.73828	503682.1	5410315.9
L3680.0	503682.1	5410315.9	41279.30078	263.89	0	48.845803	-86.949814	56007.13	56243.9	6.07	56013.19	56024.99609	56016.44853	56024.94531	503682.1	5410315.9
L3680.0	503682.1	5410317.3	41279.39844	263.29	0	48.845816	-86.949814	56008.56	56243.9	6.07	56014.63	56026.12891	56017.79150	56026.13281	503682.1	5410317.3
L3680.0	503682.1	5410318.7	41279.50000	262.95	0	48.845829	-86.949814	56010.36	56243.9	6.07	56016.43	56027.62500	56019.16759	56027.35547	503682.1	5410318.7
L3680.0	503682.1	5410318.7	41279.60156	264.98	0	48.845829	-86.949814	56012.18	56243.9	6.08	56018.26	56029.15234	56020.55107	56028.58594	503682.1	5410318.7
L3680.0	503682.1	5410320.4	41279.69922	265.74	0	48.845844	-86.949814	56014.00	56243.9	6.08	56020.09	56030.67969	56021.93816	56029.82031	503682.1	5410320.4
L3680.0	503682.1	5410321.4	41279.80078	264.94	0	48.845852	-86.949814	56016.08	56243.9	6.09	56022.17	56032.46094	56023.34476	56031.07813	503682.1	5410321.4
L3680.0	503682.1	5410321.4	41279.89844	261.43	0	48.845852	-86.949814	56018.13	56243.9	6.10	56024.22	56034.21094	56024.74896	56032.33594	503682.1	5410321.4
L3680.0	503682.1	5410323.3	41280.00000	261.02	0	48.845870	-86.949814	56019.59	56243.9	6.10	56025.69	56035.38672	56026.11517	56033.55859	503682.1	5410323.3
L3680.0	503682.1	5410324.4	41280.10156	261.59	0	48.845879	-86.949814	56021.64	56243.9	6.10	56027.74	56037.14453	56027.51726	56034.81641	503682.1	5410324.4
L3680.0	503682.1	5410324.4	41280.19922	262.58	0	48.845879	-86.949814	56023.49	56243.9	6.10	56029.59	56038.70313	56028.90500	56036.06250	503682.1	5410324.4
L3680.0	503682.1	5410326.1	41280.30078	262.22	0	48.845895	-86.949814	56025.69	56243.9	6.11	56031.80	56040.62109	56030.30806	56037.32813	503682.1	5410326.1
L3680.0	503682.1	5410327.4	41280.39844	261.39	0	48.845907	-86.949814	56027.46	56243.9	6.11	56033.57	56042.10547	56031.68514	56038.56641	503682.1	5410327.4
L3680.0	503682.1	5410327.4	41280.39844	261.39	0	48.845907	-86.949814	56029.46	56243.9	6.11	56035.57	56043.82031	56033.06872	56039.81641	503682.1	5410327.4
L3680.0	503682.0	5410328.7	41280.60156	262.65	0	48.845918	-86.949814	56031.58	56243.9	6.11	56037.69	56045.65625	56034.45126	56041.06250	503682.0	5410328.7
L3680.0	503682.0	5410330.6	41280.69922	260.70	0	48.845936	-86.949814	56033.08	56243.9	6.11	56039.19	56046.87500	56035.81036	56042.29297	503682.0	5410330.6
L3680.0	503682.0	5410330.6	41280.80078	260.07	0	48.845936	-86.949814	56034.82	56243.9	6.12	56040.94	56048.34766	56037.17596	56043.52734	503682.0	5410330.6
L3680.0	503682.0	5410332.3	41280.89844	258.96	0	48.845951	-86.949814	56036.54	56243.9	6.12	56042.66	56049.79297	56038.53956	56044.76172	503682.0	5410332.3
L3680.0	503682.0	5410333.4	41281.00000	259.65	0	48.845960	-86.949814	56038.76	56243.9	6.12	56044.88	56051.73828	56039.90850	56046.00781	503682.0	5410333.4
L3680.0	503682.0	5410334.9	41281.10156	258.25	0	48.845974	-86.949815	56040.34	56243.9	6.12	56046.46	56053.04688	56041.26784	56047.24219	503682.0	5410334.9

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L3680.0	503682.0	5410334.9	41281.19922	257.71	0	48.845974	-86.949815	56042.23	56243.9	6.12	56048.36	56054.67969	56042.63002	56048.48438	503682.0	5410334.9
L3680.0	503682.0	5410336.4	41281.30078	256.39	0	48.845988	-86.949815	56043.98	56243.9	6.12	56050.10	56056.15234	56043.99219	56049.72656	503682.0	5410336.4
L3680.0	503682.0	5410337.9	41281.39844	258.74	0	48.846001	-86.949815	56045.88	56243.9	6.12	56052.00	56057.78906	56045.35568	56050.96875	503682.0	5410337.9
L3680.0	503682.0	5410337.9	41281.50000	259.89	0	48.846001	-86.949815	56047.82	56243.9	6.13	56053.95	56059.48047	56046.72068	56052.21875	503682.0	5410337.9
L3680.0	503681.9	5410339.2	41281.60156	260.56	0	48.846013	-86.949815	56049.57	56243.9	6.13	56055.70	56060.97266	56048.09026	56053.47656	503681.9	5410339.2
L3680.0	503681.9	5410340.4	41281.69922	260.67	0	48.846024	-86.949816	56051.77	56243.9	6.13	56057.89	56062.90625	56049.45961	56054.73047	503681.9	5410340.4
L3680.0	503681.9	5410340.4	41281.80078	263.18	0	48.846024	-86.949816	56053.62	56243.9	6.13	56059.74	56064.50391	56050.83749	56056.00000	503681.9	5410340.4
L3680.0	503681.9	5410342.3	41281.89844	262.24	0	48.846041	-86.949816	56055.76	56243.9	6.13	56061.89	56066.40234	56052.21816	56057.26953	503681.9	5410342.3
L3680.0	503681.9	5410343.6	41282.00000	260.96	0	48.846052	-86.949816	56057.48	56243.9	6.13	56063.61	56067.87500	56053.61079	56058.55859	503681.9	5410343.6
L3680.0	503681.9	5410344.9	41282.10156	257.40	0	48.846064	-86.949816	56059.71	56243.9	6.13	56065.84	56069.86328	56055.00442	56059.84375	503681.9	5410344.9
L3680.0	503681.9	5410344.9	41282.19922	255.56	0	48.846064	-86.949816	56061.54	56243.9	6.13	56067.67	56071.44922	56056.40977	56061.14844	503681.9	5410344.9
L3680.0	503681.8	5410346.2	41282.30078	257.56	0	48.846076	-86.949817	56063.48	56243.9	6.13	56069.61	56073.15234	56057.82128	56062.45703	503681.8	5410346.2
L3680.0	503681.8	5410347.5	41282.39844	256.81	0	48.846087	-86.949817	56065.22	56243.9	6.13	56071.35	56074.65625	56059.24101	56063.77734	503681.8	5410347.5
L3680.0	503681.8	5410348.8	41282.39844	256.81	0	48.846099	-86.949817	56067.30	56243.9	6.13	56073.43	56076.50000	56060.66523	56065.10547	503681.8	5410348.8
L3680.0	503681.8	5410348.8	41282.60156	257.34	0	48.846099	-86.949817	56069.30	56243.9	6.13	56075.43	56078.26953	56062.09611	56066.43750	503681.8	5410348.8
L3680.0	503681.8	5410350.0	41282.69922	259.54	0	48.846110	-86.949817	56071.07	56243.9	6.13	56077.20	56079.81250	56063.53166	56067.78125	503681.8	5410350.0
L3680.0	503681.8	5410351.5	41282.80078	261.91	0	48.846124	-86.949817	56073.17	56243.9	6.13	56079.30	56081.68750	56064.97156	56069.12891	503681.8	5410351.5
L3680.0	503681.7	5410353.3	41282.89844	261.72	0	48.846139	-86.949818	56074.96	56243.9	6.13	56081.09	56083.25781	56066.41223	56070.47656	503681.7	5410353.3
L3680.0	503681.7	5410353.3	41283.00000	260.56	0	48.846139	-86.949818	56077.21	56243.9	6.13	56083.34	56085.28906	56067.85775	56071.83203	503681.7	5410353.3
L3680.0	503681.7	5410354.9	41283.10156	260.52	0	48.846154	-86.949818	56078.96	56243.9	6.14	56085.10	56086.83203	56069.29785	56073.18750	503681.7	5410354.9
L3680.0	503681.7	5410354.9	41283.19922	259.98	0	48.846154	-86.949818	56080.93	56243.9	6.14	56087.07	56088.58984	56070.73781	56074.53906	503681.7	5410354.9
L3680.0	503681.7	5410356.5	41283.30078	260.25	0	48.846168	-86.949819	56082.88	56243.9	6.15	56089.03	56090.33984	56072.17301	56075.89063	503681.7	5410356.5
L3680.0	503681.7	5410357.8	41283.39844	262.49	0	48.846180	-86.949819	56084.90	56243.8	6.15	56091.06	56092.16406	56073.60256	56077.23828	503681.7	5410357.8
L3680.0	503681.6	5410359.6	41283.50000	261.39	0	48.846197	-86.949819	56086.86	56243.8	6.16	56093.02	56093.91797	56075.02175	56078.57422	503681.6	5410359.6
L3680.0	503681.6	5410359.6	41283.60156	261.94	0	48.846197	-86.949819	56088.65	56243.8	6.17	56094.81	56095.50781	56076.42637	56079.89844	503681.6	5410359.6
L3680.0	503681.6	5410361.4	41283.69922	264.48	0	48.846213	-86.949819	56090.75	56243.8	6.17	56096.92	56097.41797	56077.82447	56081.21875	503681.6	5410361.4
L3680.0	503681.6	5410361.4	41283.80078	261.72	0	48.846213	-86.949819	56092.55	56243.8	6.18	56098.72	56099.02344	56079.20378	56082.51953	503681.6	5410361.4
L3680.0	503681.6	5410362.2	41283.89844	261.35	0	48.846220	-86.949819	56094.59	56243.8	6.18	56100.78	56100.89453	56080.57340	56083.81250	503681.6	5410362.2
L3680.0	503681.6	5410363.7	41284.00000	261.22	0	48.846233	-86.949820	56096.16	56243.8	6.19	56102.35	56102.27344	56081.92103	56085.08594	503681.6	5410363.7
L3680.0	503681.6	5410365.0	41284.10156	259.63	0	48.846245	-86.949820	56098.70	56243.8	6.19	56104.89	56104.62891	56083.26479	56086.35938	503681.6	5410365.0
L3680.0	503681.6	5410365.0	41284.19922	259.42	0	48.846245	-86.949820	56100.71	56243.8	6.19	56106.90	56106.45313	56084.58524	56087.60547	503681.6	5410365.0
L3680.0	503681.6	5410367.0	41284.30078	260.59	0	48.846263	-86.949820	56102.91	56243.8	6.19	56109.10	56108.47266	56085.88982	56088.83984	503681.6	5410367.0
L3680.0	503681.5	5410368.5	41284.39844	260.39	0	48.846276	-86.949821	56104.79	56243.8	6.19	56110.98	56110.17578	56087.17693	56090.05859	503681.5	5410368.5
L3680.0	503681.5	5410369.6	41284.39844	260.39	0	48.846287	-86.949821	56106.96	56243.8	6.19	56113.15	56112.17188	56088.44795	56091.26172	503681.5	5410369.6
L3680.0	503681.5	5410369.6	41284.60156	260.20	0	48.846287	-86.949821	56109.14	56243.8	6.19	56115.33	56114.17969	56089.70289	56092.44922	503681.5	5410369.6
L3680.0	503681.5	5410371.0	41284.69922	260.59	0	48.846299	-86.949821	56110.88	56243.8	6.19	56117.07	56115.75000	56090.95023	56093.63281	503681.5	5410371.0
L3680.0	503681.5	5410372.7	41284.80078	261.79	0	48.846314	-86.949821	56113.14	56243.8	6.19	56119.33	56117.84766	56092.17881	56094.79688	503681.5	5410372.7
L3680.0	503681.5	5410372.7	41284.89844	258.59	0	48.846314	-86.949821	56115.20	56243.8	6.19	56121.39	56119.74219	56093.40264	56095.95703	503681.5	5410372.7
L3680.0	503681.5	5410374.2	41285.00000	257.02	0	48.846328	-86.949821	56117.28	56243.8	6.19	56123.47	56121.66406	56094.61913	56097.11328	503681.5	5410374.2
L3680.0	503681.5	5410375.6	41285.10156	257.16	0	48.846340	-86.949821	56119.06	56243.8	6.19	56125.25	56123.28516	56095.84094	56098.27344	503681.5	5410375.6
L3680.0	503681.5	5410375.6	41285.19922	258.14	0	48.846340	-86.949821	56121.18	56243.8	6.20	56127.37	56125.25391	56097.04844	56099.42188	503681.5	5410375.6
L3680.0	503681.5	5410378.3	41285.30078	259.09	0	48.846365	-86.949821	56123.48	56243.8	6.20	56129.68	56127.41016	56098.24636	56100.55859	503681.5	5410378.3
L3680.0	503681.5	5410378.3	41285.39844	258.81	0	48.846365	-86.949821	56125.18	56243.8	6.20	56131.38	56128.96484	56099.47368	56101.73047	503681.5	5410378.3
L3680.0	503681.5	5410380.0	41285.50000	256.97	0	48.846380	-86.949821	56127.18	56243.8	6.21	56133.39	56130.82813	56100.69088	56102.89063	503681.5	5410380.0
L3680.0	503681.5	5410380.0	41285.60156	256.30	0	48.846380	-86.949821	56129.07	56243.8	6.21	56135.28	56132.57422	56101.92075	56104.06250	503681.5	5410380.0
L3680.0	503681.5	5410381.6	41285.69922	255.34	0	48.846394	-86.949820	56131.12	56243.8	6.21	56137.33	56134.48438	56103.14954	56105.23828	503681.5	5410381.6
L3680.0	503681.6	5410383.0	41285.80078	257.01	0	48.846407	-86.949820	56132.93	56243.8	6.21	56139.15	56136.16797	56104.40094	56106.43359	503681.6	5410383.0
L3680.0	503681.6	5410384.3	41285.89844	256.25	0	48.846419	-86.949820	56135.09	56243.8	6.22	56141.31	56138.19531	56105.64178	56107.62500	503681.6	5410384.3
L3680.0	503681.6	5410384.3	41286.00000	256.21	0	48.846419	-86.949820	56136.91	56243.8	6.22	56143.13	56139.88281	56106.91498	56108.84375	503681.6	5410384.3
L3680.0	503681.6	5410385.5	41286.10156	258.49	0	48.846429	-86.949820	56139.23	56243.8	6.22	56145.46	56142.08594	56108.16740	56110.04688	503681.6	5410385.5
L3680.0	503681.6	5410386.8	41286.19922	257.37	0	48.846441	-86.949819	56141.16	56243.8	6.23	56147.39	56143.88672	56109.45815	56111.28516	503681.6	5410386.8
L3680.0	503681.6	5410386.8	41286.30078	258.20	0	48.846441	-86.949819	56142.93	56243.8	6.23	56149.16	56145.53516	56110.77234	56112.55078	503681.6	5410386.8
L3680.0	503681.6	5410388.6	41286.39844	260.56	0	48.846457	-86.949819	56144.77	56243.8	6.23	56151.01	56147.26563	56112.09444	56113.82422	503681.6	5410388.6
L3680.0	503681.6	5410389.9	41286.39844	260.56	0	48.846469	-86.949819	56146.73	56243.8	6.23	56152.96	56149.09766	56113.42332	56115.10547	503681.6	5410389.9
L3680.0	503681.7	5410391.4	41286.60156	259.15	0	48.846482	-86.949819	56148.85	56243.8	6.24	56155.09	56151.10938	56114.75481	56116.38672	503681.7	5410391.4
L3680.0	503681.7	5410391.4	41286.69922	256.68	0	48.846482	-86.949819	56150.36	56243.8	6.24	56156.60	56152.50781	56116.13726	56117.72266	503681.7	5410391.4
L3680.0	503681.7	5410393.1	41286.80078	258.08	0	48.846497	-86.949818	56152.09	56243.8	6.24	56158.33	56154.12891	56117.51814	56119.05859	503681.7	5410393.1
L3680.0	503681.7	5410394.7	41286.89844	256.99	0	48.846512	-86.949818	56153.96	56243.8	6.25	56160.20	56155.89063	56118.90269	56120.39844	503681.7	5410394.7
L3680.0	503681.7	5410394.7	41287.00000	255.03	0	48.846512	-86.949818	56155.94	56243.8	6.25	56162.19	56157.77734	56120.29300	56121.74219	503681.7	5410394.7
L3680.0	503681.7	5410396.0	41287.10156	255.71	0	48.846523	-86.949818	56157.86	56243.7	6.25	56164.11	56159.59375	56121.69940	56123.10547	503681.7	5410396.0
L3680.0	503681.7	5410396.0	41287.19922	256.55	0	48.846523	-86.949818	56159.73	56243.7	6.25	56165.98	56161.36328	56123.11898	56124.48047	503681.7	5410396.0
L3680.0	503681.7	5410397.8	41287.30078	257.27	0	48.846540	-86.949818	56161.70	56243.7	6.26	56167.95	56163.23828	56124.54270	56125.85938	503681.7	5410397.8
L3680.0	503681.6	5410399.3	41287.39844	258.83	0	48.846553	-86.949819	56163.29	56243.7	6.26	56169.55	56164.74219	56125.98669	56127.26172	503681.6	5410399.3
L3680.0	503681.6	5410400.6	41287.50000	259.56	0	48.846566	-86.949819	56165.04	56243.7	6.26	56171.30	56166.39844	56127.42785	56128.66016	503681.6	5410400.6
L3680.0	503681.6	5410400.6	41287.60156	261.27	0	48.846566	-86.949819	56166.69	56243.7	6.26	56172.95	56167.96094	56128.87055	56130.06250	503681.6	5410400.6
L3680.0	503681.6	5410402.0	41287.69922	261.43	0	48.846578	-86.949819	56168.58	56243.7	6.26	56174.84	56169.76172	56130.30189	56131.45313	503681.6	5410402.0
L3680.0	503681.6	5410403.6	41287.80078	262.28	0	48.846592	-86.949820	56170.42	56243.7	6.27	56176.69	56171.52734	56131.72653	56132.83984	503681.6	5410403.6
L3680.0	503681.6	5410404.9	41287.89844	258.64	0	48.846604	-86.949820	56172.53	56243.7	6.27	56178.80	56173.55469	56133.13464	56134.20703	503681.6	5410404.9
L3680.0	503681.5	5410404.9	41288.00000	259.04	0	48.846604	-86.949820	56174.12	56243.7	6.27	56180.39	56175.06250	56134.53325	56135.56641	503681.6	5410404.9
L3680.0	503681.5	5410406.1	41288.10156	259.84	0	48.846614	-86.949820	56175.91	56243.7	6.27	56182.18	56176.77734	56135.90529	56136.89844	503681.5	5410406.1
L3680.0	503681.5	5410407.9	41288.19922	258.62	0	48.846631	-86.949821	56177.59	56243.7	6.28	56183.86	56178.37891	56137.24871	56138.20313	503681.5	5410407.9
L3680.0	503681.5	5410407.9	41288.30078	259.68	0	48.846631	-86.949821	56179.41	56243.7	6.28	56185.69	56180.13672	56138.55648	56139.47266	503681.5	5410407.9
L3680.0	503681.5	5410409.1	41288.39844	261.25	0	48.846642	-86.949821	56180.76	56243.7	6.28	56187.04	56181.41406	56139.82695	56140.70703	503681.5	5410409.1
L3680.0	503681.5	5410410.6	41288.39844	261.25	0	48.846655	-86.949821	56182.57	56243.7	6.28	56188.85	56183.15625	56141.05119	56141.89453	503681.5	5410410.6
L3680.0	503681.4	5410412.0	41288.60156	262.64	0	48.846668	-86.949821	56184.14	56243.7	6.29	56190.43	56184.66797	56142.22959	56143.03516	503681.4	5410412.0
L3680.0	503681.4	5410412.0	41288.69922	262.36	0	48.846668	-86.949821	56186.14	56243.7	6.29	56192.43	56186.60547	56143.36142	56144.13281	503681.4	5410412.0
L3680.0	503681.4	5410413.6	41288.80078	261.43	0	48.846683	-86.949822	56187.63	56243.7	6.29	56193.92	56188.03125	56144.45422	56145.18750	503681.4	5410413.6
L3680.0	503681.4	5410415.3	41288.89844	260.49	0	48.846697	-86.949822	56189.35	56243.7	6.30	56195.65	56189.69922	56145.50453	56146.20313	503681.4	5410415.3
L3680.0	503681.4	5410415.3	41289.00000	262.85	0	48.846697	-86.949822	56190.68	56243.7	6.30	56196.98	56190.97266	56146.52606	56147.19141	503681.4	5410415.3
L3680.0	503681.4	5410417.0	41289.10156	262.41	0	48.846712	-86.949822	56192.34	56243.7	6.30	56198.64	56192.57422	56147.51982	56148.14844	503681.4	5410417.0
L3680.0	503681.4	5410418.2	41289.19922	260.30	0	48.846723	-86.949822	56194.00	56243.7	6.30	56200.30	56194.17969	56148.49849	56149.09375	503681.4	5410418.2
L3680.0	503681.4	5410419.8	41289.30078	260.68	0	48.846738	-86.949822	56195.29	56243.7	6.30	56201.59	56195.41797	56149.47536	56150.03906	503681.4	5410419.8
L3680.0	503681.3	5410421.2	41289.39844	258.78	0	48.846751	-86.949823	56196.81	56243.7	6.30	56203.11	56196.89063	56150.44447	56150.97266	503681.3	5410421.2
L3680.0	503681.3	5410421.2	41289.50000	256.88	0	48.846751	-86.949823	56198.18	56243.7	6.30	56204.48	56198.21094	56151.42277	56151.91797	503681.3	5410421.2
L3680.0	503681.3	5410422.6	41289.60156	255.37	0	48.846763	-86.949823	56199.31	56243.7	6.30	56205.61	56199.29297	56152.42117	56152.88672	503681.3	5410422.6
L3680.0	503681.3	5410424.4	41289.69922	255.23	0	48.846780	-86.949823	56201.05	56243.7	6.30	56207.35	56200.98828	56153.41285	56153.84375	503681.3	5410424.4
L3680.0	503681.3	5410424.4	41289.80078	256.21	0	48.846780	-86.949823	56202.90	56243.7	6.30	56209.20	56202.79688	56154.41648	56154.81641	503681.3	5410424.4
L3680.0	503681.3	5410425.8	41289.89844	256.40	0	48.846792	-86.949823	56204.58	56243.7	6.30	56210.88	56204.43750	56155.44748	56155.81641	503681.3	5410425.8
L3680.0	503681.3	5410427.0	41290.00000	257.03	0	48.846802	-86.949824	56205.64	56243.7	6.30	56211.94	56205.45703	56156.53002	56156.86719	503681.3	5410427.0
L3680.0	503681.2	5410428.4	41290.10156	256.99	0	48.846815	-86.949824	56207.40	56243.7	6.30	56213.71	56207.18750	56157.61379	56157.92188	503681.2	5410428.4
L3680.0	503681.2	5410429.9	41290.19922	255.18	0	48.846829	-86.949824	56208.44	56243.7	6.31	56214.75	56208.19531	56158.76010	56159.03516	503681.2	5410429.9
L3680.0	503681.2	5410429.9	41290.30078	256.53	0	48.846829	-86.949824	56209.87	56243.7	6.31	56216.18	56209.58984	56159.92301	56160.16797	503681.2	5410429.9
L3680.0	503681.2	5410431.5	41290.39844	256.19	0	48.846843	-86.949824	56211.36	56243.7	6.32	56217.67	56211.04688	56161.11821	56161.33594	503681.2	5410431.5

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L3680.0	503681.2	5410433.2	41290.39844	256.19	0	48.846859	-86.949824	56212.52	56243.7	6.32	56218.84	56212.18750	56162.35813	56162.54688	503681.2	5410433.2
L3680.0	503681.2	5410434.7	41290.60156	259.13	0	48.846871	-86.949825	56213.86	56243.7	6.32	56220.18	56213.50000	56163.62066	56163.78125	503681.2	5410434.7
L3680.0	503681.2	5410434.7	41290.69922	260.62	0	48.846871	-86.949825	56215.02	56243.7	6.33	56221.35	56214.64453	56164.91120	56165.04297	503681.2	5410434.7
L3680.0	503681.2	5410436.3	41290.80078	261.66	0	48.846886	-86.949825	56216.36	56243.7	6.33	56222.69	56215.95703	56166.21438	56166.31641	503681.2	5410436.3
L3680.0	503681.2	5410437.8	41290.89844	262.71	0	48.846900	-86.949824	56217.50	56243.7	6.34	56223.84	56217.08594	56167.53303	56167.60938	503681.2	5410437.8
L3680.0	503681.2	5410439.4	41291.00000	264.40	0	48.846915	-86.949824	56219.06	56243.7	6.34	56225.40	56218.62500	56168.84775	56168.89453	503681.2	5410439.4
L3680.0	503681.2	5410439.4	41291.10156	263.97	0	48.846915	-86.949824	56220.06	56243.7	6.34	56226.40	56219.60156	56170.15998	56170.17969	503681.2	5410439.4
L3680.0	503681.2	5410441.1	41291.19922	260.40	0	48.846930	-86.949824	56221.10	56243.7	6.35	56227.44	56220.62500	56171.44780	56171.44141	503681.2	5410441.1
L3680.0	503681.2	5410442.5	41291.30078	262.10	0	48.846942	-86.949824	56222.43	56243.7	6.35	56228.78	56221.94531	56172.70041	56172.66797	503681.2	5410442.5
L3680.0	503681.2	5410442.5	41291.39844	262.37	0	48.846942	-86.949824	56223.81	56243.6	6.35	56230.16	56223.31250	56173.90941	56173.85156	503681.2	5410442.5
L3680.0	503681.2	5410444.3	41291.50000	261.83	0	48.846958	-86.949824	56224.93	56243.6	6.35	56231.29	56224.42578	56175.06167	56174.98047	503681.2	5410444.3
L3680.0	503681.2	5410444.3	41291.60156	260.20	0	48.846958	-86.949824	56225.88	56243.6	6.36	56232.23	56225.35547	56176.14668	56176.03906	503681.2	5410444.3
L3680.0	503681.3	5410447.6	41291.69922	259.96	0	48.846988	-86.949823	56227.04	56243.6	6.36	56233.40	56226.51563	56177.16419	56177.03125	503681.3	5410447.6
L3680.0	503681.3	5410447.6	41291.80078	261.07	0	48.846988	-86.949823	56228.15	56243.6	6.36	56234.51	56227.61328	56178.10652	56177.94922	503681.3	5410447.6
L3680.0	503681.3	5410447.6	41291.89844	261.71	0	48.846988	-86.949823	56228.98	56243.6	6.37	56235.35	56228.44531	56178.96423	56178.78516	503681.3	5410447.6
L3680.0	503681.3	5410450.8	41292.00000	260.30	0	48.847017	-86.949823	56230.45	56243.6	6.37	56236.82	56229.91016	56179.74580	56179.54297	503681.3	5410450.8
L3680.0	503681.3	5410450.8	41292.10156	261.98	0	48.847017	-86.949823	56231.18	56243.6	6.37	56237.56	56230.64453	56180.45067	56180.22656	503681.3	5410450.8
L3680.0	503681.3	5410452.4	41292.19922	261.67	0	48.847031	-86.949823	56232.28	56243.6	6.37	56238.65	56231.73047	56181.09168	56180.84375	503681.3	5410452.4
L3680.0	503681.3	5410454.2	41292.30078	261.94	0	48.847047	-86.949822	56233.36	56243.6	6.37	56239.73	56232.80859	56181.67707	56181.40625	503681.3	5410454.2
L3680.0	503681.4	5410455.8	41292.39844	260.65	0	48.847061	-86.949822	56234.47	56243.6	6.37	56240.85	56233.92578	56182.21736	56181.92578	503681.4	5410455.8
L3680.0	503681.4	5410455.8	41292.39844	260.65	0	48.847061	-86.949822	56235.90	56243.6	6.37	56242.27	56235.34375	56182.71577	56182.40234	503681.4	5410455.8
L3680.0	503681.4	5410457.2	41292.60156	259.13	0	48.847074	-86.949822	56236.92	56243.6	6.38	56243.30	56236.37500	56183.19901	56182.86719	503681.4	5410457.2
L3680.0	503681.4	5410458.6	41292.69922	259.91	0	48.847087	-86.949822	56237.87	56243.6	6.38	56244.24	56237.32031	56183.67057	56183.31641	503681.4	5410458.6
L3680.0	503681.4	5410458.6	41292.80078	259.53	0	48.847087	-86.949822	56238.56	56243.6	6.38	56244.94	56238.02344	56184.14747	56183.77734	503681.4	5410458.6
L3680.0	503681.4	5410460.8	41292.89844	258.65	0	48.847107	-86.949822	56239.50	56243.6	6.38	56245.88	56238.96875	56184.61677	56184.22656	503681.4	5410460.8
L3680.0	503681.4	5410462.2	41293.00000	256.11	0	48.847119	-86.949822	56240.29	56243.6	6.38	56246.67	56239.76563	56185.10547	56184.69531	503681.4	5410462.2
L3680.0	503681.4	5410462.2	41293.10156	254.73	0	48.847119	-86.949822	56241.41	56243.6	6.38	56247.79	56240.89063	56185.76172	56185.33203	503681.4	5410462.2
L3680.0	503681.4	5410463.4	41293.19922	256.38	0	48.847130	-86.949822	56242.18	56243.6	6.39	56248.57	56241.67969	56186.64303	56186.19922	503681.4	5410463.4
L3680.0	503681.4	5410464.9	41293.30078	256.97	0	48.847143	-86.949822	56243.45	56243.6	6.39	56249.84	56242.96094	56187.48363	56187.01953	503681.4	5410464.9
L3680.0	503681.4	5410466.6	41293.39844	254.72	0	48.847158	-86.949822	56243.76	56243.6	6.39	56250.15	56243.28125	56188.38019	56187.90234	503681.4	5410466.6
L3680.0	503681.4	5410466.6	41293.50000	254.29	0	48.847158	-86.949822	56245.12	56243.6	6.40	56251.52	56244.66016	56189.19809	56188.70313	503681.4	5410466.6
L3680.0	503681.3	5410468.3	41293.60156	254.18	0	48.847174	-86.949822	56245.61	56243.6	6.40	56252.00	56245.15625	56190.06734	56189.55469	503681.3	5410468.3
L3680.0	503681.3	5410469.7	41293.69922	255.30	0	48.847187	-86.949822	56246.32	56243.6	6.40	56252.72	56245.89063	56190.91263	56190.38672	503681.3	5410469.7
L3680.0	503681.3	5410469.7	41293.80078	256.47	0	48.847187	-86.949822	56247.32	56243.6	6.40	56253.72	56246.90234	56191.73134	56191.19141	503681.3	5410469.7
L3680.0	503681.3	5410471.3	41293.89844	256.08	0	48.847202	-86.949823	56248.03	56243.6	6.41	56254.43	56247.62891	56192.56149	56192.00781	503681.3	5410471.3
L3680.0	503681.3	5410472.9	41294.00000	256.03	0	48.847215	-86.949823	56249.04	56243.6	6.41	56255.45	56248.66797	56193.36311	56192.79297	503681.3	5410472.9
L3680.0	503681.3	5410474.5	41294.10156	256.22	0	48.847230	-86.949823	56249.84	56243.6	6.41	56256.25	56249.48438	56194.17156	56193.58984	503681.3	5410474.5
L3680.0	503681.3	5410474.5	41294.19922	258.02	0	48.847230	-86.949823	56250.43	56243.6	6.41	56256.84	56250.09375	56194.98622	56194.39063	503681.3	5410474.5
L3680.0	503681.2	5410476.4	41294.30078	257.52	0	48.847247	-86.949824	56251.22	56243.6	6.42	56257.64	56250.91406	56195.77912	56195.17188	503681.2	5410476.4
L3680.0	503681.2	5410477.9	41294.39844	255.99	0	48.847260	-86.949824	56252.39	56243.6	6.42	56258.81	56252.10547	56196.53963	56195.92188	503681.2	5410477.9
L3680.0	503681.2	5410477.9	41294.39844	255.99	0	48.847260	-86.949824	56252.72	56243.6	6.42	56259.14	56252.45703	56197.64999	56197.02344	503681.2	5410477.9
L3680.0	503681.2	5410479.8	41294.60156	255.46	0	48.847278	-86.949823	56253.39	56243.6	6.42	56259.81	56253.15234	56198.79334	56198.15625	503681.2	5410479.8
L3680.0	503681.3	5410481.1	41294.69922	257.76	0	48.847289	-86.949823	56254.33	56243.6	6.42	56260.75	56254.11719	56199.91925	56199.26953	503681.3	5410481.1
L3680.0	503681.3	5410481.1	41294.80078	259.76	0	48.847289	-86.949823	56254.99	56243.6	6.43	56261.41	56254.80078	56201.04539	56200.38672	503681.3	5410481.1
L3680.0	503681.3	5410482.3	41294.89844	259.19	0	48.847300	-86.949823	56255.69	56243.6	6.43	56262.12	56255.53516	56202.14308	56201.47656	503681.3	5410482.3
L3680.0	503681.3	5410483.9	41295.00000	260.27	0	48.847314	-86.949823	56256.11	56243.6	6.43	56262.54	56255.98438	56203.21699	56202.54297	503681.3	5410483.9
L3680.0	503681.3	5410483.9	41295.10156	262.97	0	48.847314	-86.949823	56256.91	56243.6	6.43	56263.34	56256.80859	56204.24037	56203.55859	503681.3	5410483.9
L3680.0	503681.3	5410485.3	41295.19922	263.36	0	48.847327	-86.949823	56257.64	56243.6	6.43	56264.08	56257.57813	56205.22595	56204.53516	503681.3	5410485.3
L3680.0	503681.3	5410487.4	41295.30078	262.77	0	48.847346	-86.949823	56257.91	56243.6	6.44	56264.34	56257.86719	56206.18480	56205.48828	503681.3	5410487.4
L3680.0	503681.3	5410488.8	41295.39844	262.06	0	48.847358	-86.949822	56258.92	56243.6	6.44	56265.36	56258.91797	56207.09693	56206.39453	503681.3	5410488.8
L3680.0	503681.3	5410490.2	41295.50000	260.25	0	48.847371	-86.949822	56259.23	56243.6	6.44	56265.67	56259.25781	56207.98986	56207.28125	503681.3	5410490.2
L3680.0	503681.3	5410490.2	41295.60156	259.26	0	48.847371	-86.949822	56260.02	56243.6	6.44	56266.46	56260.07813	56208.85066	56208.13672	503681.3	5410490.2
L3680.0	503681.3	5410492.0	41295.69922	260.31	0	48.847388	-86.949822	56260.15	56243.6	6.44	56266.59	56260.24219	56209.69393	56208.97656	503681.3	5410492.0
L3680.0	503681.3	5410493.9	41295.80078	261.05	0	48.847404	-86.949822	56261.24	56243.6	6.45	56267.68	56261.36328	56210.51167	56209.78906	503681.3	5410493.9
L3680.0	503681.3	5410493.9	41295.89844	260.11	0	48.847404	-86.949822	56261.50	56243.6	6.45	56267.95	56261.66797	56211.31464	56210.58984	503681.3	5410493.9
L3680.0	503681.3	5410495.6	41296.00000	261.04	0	48.847420	-86.949822	56262.31	56243.6	6.45	56268.76	56262.51172	56212.10223	56211.37109	503681.3	5410495.6
L3680.0	503681.3	5410495.6	41296.10156	259.08	0	48.847420	-86.949822	56262.73	56243.5	6.45	56269.18	56262.96875	56212.88026	56212.14844	503681.3	5410495.6
L3680.0	503681.3	5410497.1	41296.19922	257.28	0	48.847433	-86.949822	56263.40	56243.5	6.45	56269.85	56263.67188	56213.65472	56212.92188	503681.3	5410497.1
L3680.0	503681.3	5410498.7	41296.30078	256.22	0	48.847448	-86.949822	56263.41	56243.5	6.45	56269.87	56263.73047	56214.42283	56213.68750	503681.3	5410498.7
L3680.0	503681.3	5410499.9	41296.39844	256.23	0	48.847458	-86.949822	56264.40	56243.5	6.45	56270.86	56264.75781	56215.19499	56214.45703	503681.3	5410499.9
L3680.0	503681.3	5410501.1	41296.39844	256.23	0	48.847469	-86.949822	56264.39	56243.5	6.45	56270.84	56264.77344	56215.95197	56215.21484	503681.3	5410501.1
L3680.0	503681.3	5410502.4	41296.60156	259.25	0	48.847481	-86.949822	56265.38	56243.5	6.46	56271.83	56265.80078	56216.70878	56215.97266	503681.3	5410502.4
L3680.0	503681.3	5410503.8	41296.69922	260.24	0	48.847494	-86.949822	56265.40	56243.5	6.46	56271.86	56265.87109	56217.43340	56216.69531	503681.3	5410503.8
L3680.0	503681.3	5410503.8	41296.80078	260.32	0	48.847494	-86.949822	56266.08	56243.5	6.46	56272.54	56266.58984	56218.14350	56217.40625	503681.3	5410503.8
L3680.0	503681.3	5410505.3	41296.89844	258.16	0	48.847507	-86.949822	56266.68	56243.5	6.46	56273.14	56267.23047	56218.82242	56218.08984	503681.3	5410505.3
L3680.0	503681.3	5410506.7	41297.00000	260.02	0	48.847519	-86.949822	56266.81	56243.5	6.46	56273.26	56267.39063	56219.45769	56218.72656	503681.3	5410506.7
L3680.0	503681.3	5410508.3	41297.10156	261.53	0	48.847534	-86.949822	56267.61	56243.5	6.46	56274.07	56268.24219	56220.07172	56219.34375	503681.3	5410508.3
L3680.0	503681.3	5410508.3	41297.19922	262.31	0	48.847534	-86.949822	56267.53	56243.5	6.46	56273.99	56268.20313	56220.63834	56219.91016	503681.3	5410508.3
L3680.0	503681.3	5410510.4	41297.30078	262.30	0	48.847553	-86.949822	56268.56	56243.5	6.46	56275.02	56269.27344	56221.19465	56220.47266	503681.3	5410510.4
L3680.0	503681.3	5410511.7	41297.39844	262.08	0	48.847565	-86.949822	56268.59	56243.5	6.46	56275.06	56269.35547	56221.70562	56220.98438	503681.3	5410511.7
L3680.0	503681.3	5410511.7	41297.50000	264.43	0	48.847565	-86.949822	56269.13	56243.5	6.46	56275.59	56269.92969	56222.19904	56221.48438	503681.3	5410511.7
L3680.0	503681.3	5410513.4	41297.60156	263.56	0	48.847580	-86.949822	56269.57	56243.5	6.47	56276.04	56270.42188	56222.66894	56221.95703	503681.3	5410513.4
L3680.0	503681.3	5410515.4	41297.69922	263.25	0	48.847598	-86.949822	56269.74	56243.5	6.47	56276.20	56270.62891	56223.11809	56222.41406	503681.3	5410515.4
L3680.0	503681.3	5410517.1	41297.80078	260.15	0	48.847613	-86.949822	56270.52	56243.5	6.47	56276.98	56271.45313	56223.56208	56222.86328	503681.3	5410517.1
L3680.0	503681.3	5410517.1	41297.89844	260.00	0	48.847613	-86.949822	56270.58	56243.5	6.47	56277.05	56271.56641	56223.99076	56223.29688	503681.3	5410517.1
L3680.0	503681.3	5410518.4	41298.00000	257.49	0	48.847625	-86.949822	56271.20	56243.5	6.47	56277.67	56272.23047	56224.41353	56223.72656	503681.3	5410518.4
L3680.0	503681.4	5410519.6	41298.10156	255.41	0	48.847636	-86.949822	56271.33	56243.5	6.47	56277.80	56272.40625	56224.82675	56224.14453	503681.4	5410519.6
L3680.0	503681.4	5410519.6	41298.19922	254.44	0	48.847636	-86.949822	56271.79	56243.5	6.47	56278.27	56272.92188	56225.23398	56224.56250	503681.4	5410519.6
L3680.0	503681.4	5410521.3	41298.30078	256.48	0	48.847651	-86.949821	56271.94	56243.5	6.48	56278.41	56273.10938	56225.63781	56224.97266	503681.4	5410521.3
L3680.0	503681.4	5410522.6	41298.39844	257.53	0	48.847663	-86.949821	56272.27	56243.5	6.48	56278.74	56273.48438	56226.03828	56225.38281	503681.4	5410522.6
L3680.0	503681.4	5410524.1	41298.39844	257.53	0	48.847676	-86.949821	56272.78	56243.5	6.48	56279.26	56274.05078	56226.43673	56225.78906	503681.4	5410524.1
L3680.0	503681.4	5410524.1	41298.60156	260.06	0	48.847676	-86.949821	56273.20	56243.5	6.48	56279.68	56274.51953	56226.83773	56226.19922	503681.4	5410524.1
L3680.0	503681.5	5410525.7	41298.69922	257.65	0	48.847690	-86.949820	56273.16	56243.5	6.48	56279.64	56274.52734	56227.25126	56226.62109	503681.5	5410525.7
L3680.0	503681.5	5410527.6	41298.80078	258.64	0	48.847708	-86.949820	56273.83	56243.5	6.49	56280.31	56275.24609	56227.66240	56227.04297	503681.5	5410527.6
L3680.0	503681.5	5410527.6	41298.89844	258.04	0	48.847708	-86.949820	56274.04	56243.5	6.49	56280.52	56275.50391	56228.09092	56227.48047	503681.5	5410527.6
L3680.0	503681.5	5410529.1	41299.00000	261.05	0	48.847721	-86.949819	56274.16	56243.5	6.49	56280.65	56275.68359	56228.53521	56227.93359	503681.5	5410529.1
L3680.0	503681.6	5410530.6	41299.10156	262.44	0	48.847734	-86.949819	56274.74	56243.5	6.49	56281.23	56276.31250	56228.98827	56228.39844	503681.6	5410530.6
L3680.0	503681.6	5410531.8	41299.19922	260.49	0	48.847745	-86.949818	56274.97	56243.5	6.49	56281.46	56276.58984	56229.46805	56228.88672	503681.6	5410531.8
L3680.0	503681.6	5410533.0	41299.30078	259.25	0	48.847756	-86.949818	56275.06	56243.5	6.49	56281.55	56276.73047	56229.96762	56229.39844	503681.6	5410533.0
L3680.0	503681.6	5410533.0	41299.39844	259.27	0	48.847756	-86.949818	56275.10	56243.5	6.49	56281.59	56276.82031	56230.48392	56229.92578	503681.6	5410533.0
L3680.0	503681.6	5410534.7	41299.50000	262.17	0	48.847772	-86.949818	56275.69	56243.5	6.49	56282.18	56277.45703	56231.00182	56230.45703	503681.6	5410534.7
L3680.0	503681.7	5410536.3	41299.60156	259.32	0	48.847786	-86.949817	56275.88	56243.5	6.49	56282.36	56277.68750	56231.53631	56231.00391	503681.7	5410536.3
L3680.0	503681.7	5410537.8	41299.69922	257.18	0	48.847800	-86.949817	56276.04	56243.5	6.49	56282.53	56277.91016	56232.07499	56231.55469	503681.7	5410537.8

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L3680.0	503681.7	5410537.8	41299.80078	256.83	0	48.847800	-86.949817	56276.33	56243.5	6.49	56282.82	56278.25000	56232.61495	56232.10547	503681.7	5410537.8
L3680.0	503681.7	5410540.6	41299.89844	256.83	0	48.847825	-86.949816	56276.58	56243.5	6.49	56283.07	56278.55078	56233.15550	56232.66016	503681.7	5410540.6
L3680.0	503681.7	5410540.6	41300.00000	257.14	0	48.847825	-86.949816	56277.09	56243.5	6.49	56283.58	56279.10938	56233.69161	56233.21094	503681.7	5410540.6
L3680.0	503681.7	5410541.9	41300.00000	258.96	0	48.847836	-86.949816	56276.86	56243.5	6.49	56283.35	56278.93359	56234.23920	56233.76953	503681.7	5410541.9
L3680.0	503681.7	5410543.5	41300.19922	261.16	0	48.847851	-86.949816	56277.35	56243.5	6.50	56283.84	56279.47266	56234.78584	56234.33203	503681.7	5410543.5
L3680.0	503681.8	5410544.9	41300.30078	260.10	0	48.847863	-86.949816	56277.07	56243.5	6.50	56283.56	56279.24609	56235.34883	56234.90625	503681.8	5410544.9
L3680.0	503681.8	5410544.9	41300.39844	259.08	0	48.847863	-86.949816	56277.63	56243.5	6.50	56284.13	56279.86719	56235.91994	56235.49219	503681.8	5410544.9
L3680.0	503681.8	5410546.3	41300.39844	259.08	0	48.847876	-86.949816	56277.66	56243.5	6.50	56284.16	56279.94531	56236.51090	56236.09766	503681.8	5410546.3
L3680.0	503681.8	5410548.2	41300.60156	257.15	0	48.847893	-86.949816	56277.88	56243.5	6.51	56284.39	56280.22656	56237.12226	56236.72266	503681.8	5410548.2
L3680.0	503681.8	5410549.3	41300.69922	259.55	0	48.847903	-86.949816	56278.37	56243.5	6.51	56284.88	56280.76953	56237.76136	56237.37891	503681.8	5410549.3
L3680.0	503681.8	5410551.5	41300.80078	257.93	0	48.847923	-86.949816	56278.27	56243.5	6.51	56284.79	56280.73047	56238.42492	56238.05469	503681.8	5410551.5
L3680.0	503681.8	5410551.5	41300.89844	259.75	0	48.847923	-86.949816	56278.70	56243.5	6.52	56285.22	56281.21484	56239.11517	56238.76172	503681.8	5410551.5
L3680.0	503681.8	5410553.2	41301.00000	260.37	0	48.847938	-86.949815	56278.40	56243.5	6.52	56284.92	56280.96484	56239.79946	56239.46094	503681.8	5410553.2
L3680.0	503681.8	5410553.2	41301.10156	259.48	0	48.847938	-86.949815	56279.03	56243.5	6.52	56285.54	56281.63672	56240.50522	56240.18359	503681.8	5410553.2
L3680.0	503681.8	5410555.0	41301.19922	260.71	0	48.847954	-86.949816	56278.76	56243.5	6.51	56285.27	56281.41797	56241.17174	56240.86328	503681.8	5410555.0
L3680.0	503681.8	5410556.7	41301.30078	262.02	0	48.847969	-86.949816	56279.16	56243.5	6.51	56285.67	56281.87109	56241.84186	56241.55078	503681.8	5410556.7
L3680.0	503681.8	5410558.4	41301.39844	264.01	0	48.847985	-86.949815	56279.31	56243.5	6.51	56285.82	56282.07422	56242.47080	56242.19531	503681.8	5410558.4
L3680.0	503681.8	5410558.4	41301.50000	263.73	0	48.847985	-86.949815	56279.19	56243.5	6.50	56285.69	56281.99609	56243.04270	56242.78125	503681.8	5410558.4
L3680.0	503681.8	5410560.4	41301.60156	261.39	0	48.848003	-86.949815	56279.65	56243.5	6.50	56286.15	56282.50781	56243.59442	56243.34766	503681.8	5410560.4
L3680.0	503681.8	5410561.9	41301.69922	263.21	0	48.848016	-86.949815	56279.49	56243.5	6.50	56285.99	56282.39844	56244.05499	56243.82422	503681.8	5410561.9
L3680.0	503681.8	5410563.1	41301.80078	263.27	0	48.848027	-86.949815	56279.79	56243.5	6.50	56286.28	56282.74219	56244.48401	56244.26953	503681.8	5410563.1
L3680.0	503681.8	5410563.1	41301.89844	266.28	0	48.848027	-86.949815	56279.80	56243.5	6.49	56286.29	56282.80469	56244.83991	56244.64453	503681.8	5410563.1
L3680.0	503681.8	5410564.5	41302.00000	267.40	0	48.848039	-86.949815	56279.68	56243.5	6.49	56286.17	56282.73438	56245.13383	56244.95313	503681.8	5410564.5
L3680.0	503681.8	5410566.2	41302.10156	264.77	0	48.848055	-86.949815	56279.72	56243.5	6.49	56286.21	56282.82813	56245.38602	56245.22266	503681.8	5410566.2
L3680.0	503681.8	5410566.2	41302.19922	265.26	0	48.848055	-86.949815	56280.03	56243.5	6.49	56286.52	56283.18750	56245.60448	56245.45703	503681.8	5410566.2
L3680.0	503681.8	5410567.9	41302.30078	263.72	0	48.848070	-86.949815	56280.03	56243.5	6.50	56286.52	56283.24219	56245.76065	56245.62891	503681.8	5410567.9
L3680.0	503681.8	5410569.1	41302.39844	262.82	0	48.848081	-86.949816	56280.00	56243.5	6.50	56286.50	56283.27344	56245.87536	56245.76172	503681.8	5410569.1
L3680.0	503681.8	5410570.5	41302.39844	262.82	0	48.848094	-86.949816	56280.21	56243.5	6.50	56286.71	56283.53516	56245.96381	56245.86719	503681.8	5410570.5
L3680.0	503681.8	5410570.5	41302.60156	262.49	0	48.848094	-86.949816	56280.64	56243.5	6.50	56287.14	56284.01563	56246.02683	56245.94531	503681.8	5410570.5
L3680.0	503681.7	5410572.1	41302.69922	260.06	0	48.848108	-86.949816	56280.66	56243.5	6.50	56287.17	56284.09766	56246.05248	56245.98828	503681.7	5410572.1
L3680.0	503681.7	5410573.5	41302.80078	257.20	0	48.848121	-86.949816	56280.77	56243.5	6.51	56287.28	56284.25781	56246.06444	56246.01563	503681.7	5410573.5
L3680.0	503681.7	5410574.7	41302.89844	257.83	0	48.848132	-86.949816	56280.66	56243.5	6.51	56287.17	56284.19922	56246.06651	56246.03516	503681.7	5410574.7
L3680.0	503681.7	5410574.7	41303.00000	259.58	0	48.848132	-86.949816	56280.77	56243.5	6.51	56287.28	56284.35938	56246.07035	56246.05469	503681.7	5410574.7
L3680.0	503681.7	5410576.2	41303.10156	257.72	0	48.848145	-86.949816	56280.77	56243.5	6.51	56287.28	56284.41016	56246.08129	56246.08203	503681.7	5410576.2
L3680.0	503681.7	5410578.8	41303.19922	257.20	0	48.848168	-86.949817	56280.90	56243.5	6.52	56287.42	56284.60156	56246.10416	56246.12109	503681.7	5410578.8
L3680.0	503681.7	5410578.8	41303.30078	257.33	0	48.848168	-86.949817	56280.82	56243.5	6.52	56287.34	56284.57422	56246.15084	56246.18359	503681.7	5410578.8
L3680.0	503681.7	5410580.2	41303.39844	257.34	0	48.848181	-86.949817	56281.20	56243.5	6.52	56287.72	56285.00391	56246.20846	56246.25781	503681.7	5410580.2
L3680.0	503681.7	5410581.5	41303.50000	257.83	0	48.848192	-86.949817	56280.98	56243.5	6.53	56287.50	56284.83594	56246.31521	56246.38281	503681.7	5410581.5
L3680.0	503681.7	5410582.7	41303.60156	260.54	0	48.848204	-86.949817	56281.25	56243.5	6.53	56287.78	56285.16406	56246.43620	56246.51953	503681.7	5410582.7
L3680.0	503681.7	5410582.7	41303.69922	260.76	0	48.848204	-86.949817	56281.10	56243.5	6.53	56287.63	56285.06250	56246.61570	56246.71484	503681.7	5410582.7
L3680.0	503681.7	5410584.2	41303.80078	260.39	0	48.848217	-86.949817	56281.21	56243.5	6.53	56287.74	56285.22266	56246.82370	56246.94141	503681.7	5410584.2
L3680.0	503681.7	5410585.9	41303.89844	261.88	0	48.848232	-86.949817	56281.25	56243.5	6.54	56287.79	56285.32422	56247.07000	56247.20313	503681.7	5410585.9
L3680.0	503681.7	5410585.9	41304.00000	260.96	0	48.848232	-86.949817	56281.27	56243.5	6.54	56287.81	56285.39453	56247.34887	56247.50000	503681.7	5410585.9
L3680.0	503681.7	5410587.6	41304.10156	257.39	0	48.848247	-86.949816	56281.26	56243.5	6.54	56287.80	56285.43359	56247.65744	56247.82422	503681.7	5410587.6
L3680.0	503681.7	5410588.8	41304.19922	256.98	0	48.848258	-86.949816	56281.63	56243.5	6.54	56288.17	56285.85156	56247.96756	56248.14844	503681.7	5410588.8
L3680.0	503681.7	5410590.3	41304.30078	256.15	0	48.848272	-86.949816	56281.28	56243.5	6.53	56287.82	56285.55078	56248.33976	56248.53906	503681.7	5410590.3
L3680.0	503681.7	5410592.0	41304.39844	256.83	0	48.848287	-86.949816	56281.61	56243.5	6.53	56288.14	56285.91797	56248.68729	56248.90234	503681.7	5410592.0
L3680.0	503681.7	5410592.0	41304.39844	256.83	0	48.848287	-86.949816	56281.56	56243.5	6.53	56288.10	56285.92969	56249.06419	56249.29688	503681.7	5410592.0
L3680.0	503681.8	5410593.7	41304.60156	258.38	0	48.848303	-86.949815	56281.38	56243.5	6.53	56287.91	56285.78516	56249.45553	56249.70313	503681.8	5410593.7
L3680.0	503681.8	5410595.3	41304.69922	258.25	0	48.848316	-86.949815	56281.69	56243.5	6.53	56288.22	56286.14453	56249.84174	56250.10547	503681.8	5410595.3
L3680.0	503681.8	5410595.3	41304.80078	259.75	0	48.848316	-86.949815	56281.79	56243.5	6.52	56288.32	56286.29297	56250.27924	56250.55859	503681.8	5410595.3
L3680.0	503681.8	5410597.0	41304.89844	259.41	0	48.848332	-86.949815	56281.56	56243.5	6.52	56288.08	56286.09766	56250.78609	56251.08203	503681.8	5410597.0
L3680.0	503681.8	5410598.7	41305.00000	258.05	0	48.848347	-86.949814	56281.69	56243.5	6.52	56288.21	56286.27734	56251.33694	56251.64844	503681.8	5410598.7
L3680.0	503681.9	5410599.8	41305.10156	258.57	0	48.848357	-86.949814	56281.66	56243.5	6.52	56288.18	56286.29297	56251.95270	56252.27734	503681.9	5410599.8
L3680.0	503681.9	5410599.8	41305.19922	258.30	0	48.848357	-86.949814	56281.41	56243.5	6.52	56287.93	56286.08984	56252.62601	56252.96875	503681.9	5410599.8
L3680.0	503681.9	5410601.6	41305.30078	258.64	0	48.848373	-86.949814	56281.56	56243.5	6.52	56288.08	56286.28906	56253.33450	56253.69141	503681.9	5410601.6
L3680.0	503681.9	5410601.6	41305.39844	258.78	0	48.848373	-86.949814	56282.02	56243.5	6.52	56288.54	56286.79297	56254.08058	56254.45313	503681.9	5410601.6
L3680.0	503681.9	5410605.4	41305.50000	258.24	0	48.848407	-86.949813	56281.76	56243.5	6.53	56288.28	56286.57813	56254.84424	56255.23438	503681.9	5410605.4
L3680.0	503681.9	5410605.4	41305.60156	255.51	0	48.848407	-86.949813	56281.97	56243.5	6.53	56288.49	56286.83594	56255.61781	56256.01953	503681.9	5410605.4
L3680.0	503681.9	5410606.9	41305.69922	256.06	0	48.848421	-86.949813	56282.18	56243.5	6.53	56288.70	56287.08984	56256.38074	56256.80078	503681.9	5410606.9
L3680.0	503681.9	5410606.9	41305.80078	256.80	0	48.848421	-86.949813	56282.28	56243.5	6.53	56288.81	56287.24609	56257.11239	56257.54688	503681.9	5410606.9
L3680.0	503681.9	5410608.6	41305.89844	258.07	0	48.848436	-86.949813	56281.98	56243.5	6.53	56288.51	56286.99219	56257.77613	56258.22656	503681.9	5410608.6
L3680.0	503681.9	5410610.1	41306.00000	260.01	0	48.848450	-86.949813	56282.43	56243.5	6.53	56288.96	56287.48438	56258.43722	56258.90234	503681.9	5410610.1
L3680.0	503681.9	5410610.1	41306.10156	259.00	0	48.848450	-86.949813	56282.40	56243.5	6.53	56288.93	56287.50000	56258.99738	56259.47656	503681.9	5410610.1
L3680.0	503681.9	5410612.1	41306.19922	258.21	0	48.848468	-86.949813	56282.22	56243.5	6.53	56288.75	56287.36328	56259.47260	56259.96484	503681.9	5410612.1
L3680.0	503681.9	5410613.5	41306.30078	274.66	0	48.848480	-86.949813	56282.12	56243.5	6.53	56288.65	56287.30859	56259.88982	56260.39844	503681.9	5410613.5
L3680.0	503681.9	5410615.2	41306.39844	274.87	0	48.848496	-86.949813	56282.40	56243.5	6.53	56288.93	56287.62891	56260.28415	56260.80469	503681.9	5410615.2
L3680.0	503681.9	5410616.5	41306.39844	274.87	0	48.848508	-86.949813	56282.00	56243.5	6.53	56288.53	56287.27344	56260.54175	56261.07813	503681.9	5410616.5
L3680.0	503681.9	5410616.5	41306.60156	274.45	0	48.848508	-86.949813	56282.24	56243.5	6.53	56288.77	56287.55469	56260.80834	56261.35938	503681.9	5410616.5
L3680.0	503681.9	5410618.2	41306.69922	273.61	0	48.848523	-86.949814	56281.87	56243.5	6.53	56288.40	56287.23047	56260.94952	56261.51563	503681.9	5410618.2
L3680.0	503681.9	5410619.3	41306.80078	269.50	0	48.848533	-86.949814	56282.20	56243.5	6.53	56288.73	56287.60156	56261.10895	56261.68750	503681.9	5410619.3
L3680.0	503681.8	5410621.0	41306.89844	267.82	0	48.848548	-86.949814	56281.66	56243.5	6.53	56288.19	56287.10156	56261.12492	56261.71875	503681.8	5410621.0
L3680.0	503681.8	5410621.0	41307.00000	266.20	0	48.848548	-86.949814	56281.87	56243.5	6.53	56288.40	56287.35547	56261.16540	56261.77344	503681.8	5410621.0
L3680.0	503681.8	5410622.9	41307.10156	265.33	0	48.848565	-86.949815	56282.28	56243.5	6.53	56288.80	56287.79688	56261.17216	56261.79297	503681.8	5410622.9
L3680.0	503681.8	5410624.7	41307.19922	262.61	0	48.848581	-86.949815	56282.42	56243.5	6.52	56288.94	56287.97656	56261.11120	56261.74609	503681.8	5410624.7
L3680.0	503681.8	5410626.3	41307.30078	252.83	0	48.848595	-86.949815	56282.45	56243.5	6.52	56288.97	56288.04688	56261.00489	56261.65234	503681.8	5410626.3
L3680.0	503681.8	5410626.3	41307.39844	253.42	0	48.848595	-86.949815	56282.58	56243.5	6.52	56289.10	56288.21875	56260.87361	56261.53516	503681.8	5410626.3
L3680.0	503681.7	5410627.9	41307.50000	256.36	0	48.848610	-86.949816	56282.36	56243.5	6.51	56288.87	56288.02734	56260.70675	56261.38281	503681.7	5410627.9
L3680.0	503681.7	5410629.3	41307.60156	256.60	0	48.848623	-86.949816	56282.71	56243.5	6.51	56289.22	56288.41797	56260.54817	56261.23828	503681.7	5410629.3
L3680.0	503681.7	5410629.3	41307.69922	257.60	0	48.848623	-86.949816	56282.64	56243.5	6.51	56289.15	56288.38672	56260.39732	56261.10156	503681.7	5410629.3
L3680.0	503681.7	5410631.2	41307.80078	257.03	0	48.848639	-86.949817	56282.73	56243.5	6.51	56289.24	56288.51563	56260.28822	56261.00391	503681.7	5410631.2
L3680.0	503681.6	5410632.3	41307.89844	258.21	0	48.848650	-86.949817	56282.61	56243.5	6.50	56289.11	56288.42188	56260.24371	56260.97266	503681.6	5410632.3
L3680.0	503681.6	5410633.7	41308.00000	260.01	0	48.848662	-86.949817	56282.29	56243.5	6.50	56288.79	56288.14063	56260.28171	56261.02344	503681.6	5410633.7
L3680.0	503681.6	5410633.7	41308.10156	258.88	0	48.848662	-86.949817	56282.71	56243.5	6.50	56289.21	56288.59766	56260.37108	56261.12500	503681.6	5410633.7
L3680.0	503681.6	5410635.3	41308.19922	258.16	0	48.848676	-86.949818	56282.48	56243.5	6.51	56288.98	56288.40625	56260.56322	56261.33203	503681.6	5410635.3
L3680.0	503681.5	5410636.7	41308.30078	256.44	0	48.848689	-86.949818	56282.81	56243.5	6.51	56289.32	56288.78516	56260.80138	56261.58203	503681.5	5410636.7
L3680.0	503681.5	5410636.7	41308.39844	256.10	0	48.848689	-86.949818	56282.50	56243.5	6.51	56289.02	56288.51953	56261.13039	56261.92578	503681.5	5410636.7
L3680.0	503681.5	5410638.5	41308.39844	256.10	0	48.848705	-86.949819	56282.78	56243.5	6.51	56289.29	56288.82813	56261.48750	56262.29297	503681.5	5410638.5
L3680.0	503681.4	5410640.9	41308.60156	257.65	0	48.848727	-86.949820	56282.94	56243.5	6.52	56289.46	56289.03516	56261.88994	56262.70703	503681.4	5410640.9
L3680.0	503681.4	5410640.9	41308.69922	257.31	0	48.848727	-86.949820	56282.98	56243.5	6.52	56289.50	56289.10938	56262.32374	56263.15625	503681.4	5410640.9
L3680.0	503681.4	5410642.4	41308.80078	257.70	0	48.848741	-86.949821	56283.42	56243.5	6.52	56289.94	56289.58594	56262.76311	56263.60547	503681.4	5410642.4
L3680.0	503681.3	5410644.2	41308.89844	257.91	0	48.848757	-86.949821	56283.45	56243.5	6.53	56289.97	56289.64844	56263.22174	56264.07813	503681.3	5410644.2
L3680.0	503681.3	5410644.2	41309.00000	259.22	0	48.848757	-86.949821	56283.29	56243.5	6.53	56289.82	56289.53516	56263.67382	56264.54297	503681.3	5410644.2

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L3680.0	503681.3	5410645.8	41309.10156	260.67	0	48.848771	-86.949821	56282.98	56243.5	6.53	56289.51	56289.25781	56264.11027	56264.99219	503681.3	5410645.8
L3680.0	503681.3	5410647.3	41309.19922	260.99	0	48.848784	-86.949822	56283.40	56243.5	6.53	56289.93	56289.71484	56264.52728	56265.42188	503681.3	5410647.3
L3680.0	503681.2	5410648.4	41309.30078	262.94	0	48.848795	-86.949822	56283.12	56243.5	6.53	56289.65	56289.46875	56264.92729	56265.83203	503681.2	5410648.4
L3680.0	503681.2	5410650.2	41309.39844	262.25	0	48.848810	-86.949822	56283.66	56243.5	6.53	56290.19	56290.03906	56265.31920	56266.23828	503681.2	5410650.2
L3680.0	503681.2	5410650.2	41309.50000	263.73	0	48.848810	-86.949822	56283.63	56243.5	6.53	56290.15	56290.03516	56265.68759	56266.61719	503681.2	5410650.2
L3680.0	503681.2	5410651.8	41309.60156	263.54	0	48.848825	-86.949823	56283.78	56243.5	6.53	56290.31	56290.22656	56266.04165	56266.98438	503681.2	5410651.8
L3680.0	503681.2	5410651.8	41309.69922	263.58	0	48.848825	-86.949823	56283.52	56243.5	6.53	56290.05	56290.00000	56266.36783	56267.32031	503681.2	5410651.8
L3680.0	503681.2	5410653.4	41309.80078	261.93	0	48.848839	-86.949823	56283.73	56243.5	6.53	56290.26	56290.24219	56266.68812	56267.65234	503681.2	5410653.4
L3680.0	503681.2	5410655.0	41309.89844	260.79	0	48.848854	-86.949823	56283.98	56243.5	6.53	56290.51	56290.52344	56266.99529	56267.97266	503681.2	5410655.0
L3680.0	503681.2	5410655.8	41310.00000	259.98	0	48.848861	-86.949823	56283.98	56243.5	6.53	56290.51	56290.55469	56267.28261	56268.27344	503681.2	5410655.8
L3680.0	503681.1	5410657.5	41310.10156	260.81	0	48.848876	-86.949823	56284.04	56243.5	6.53	56290.57	56290.64453	56267.56352	56268.56641	503681.1	5410657.5
L3680.0	503681.2	5410659.0	41310.19922	258.81	0	48.848890	-86.949823	56284.01	56243.5	6.53	56290.54	56290.64453	56267.83875	56268.85156	503681.2	5410659.0
L3680.0	503681.2	5410659.0	41310.30078	261.25	0	48.848890	-86.949823	56283.95	56243.5	6.53	56290.48	56290.61719	56268.11455	56269.14063	503681.2	5410659.0
L3680.0	503681.2	5410660.2	41310.39844	260.82	0	48.848900	-86.949823	56284.14	56243.5	6.53	56290.67	56290.83594	56268.40652	56269.44141	503681.2	5410660.2
L3680.0	503681.2	5410661.7	41310.39844	260.82	0	48.848914	-86.949823	56284.16	56243.5	6.53	56290.69	56290.88672	56268.70613	56269.75391	503681.2	5410661.7
L3680.0	503681.2	5410663.3	41310.60156	263.80	0	48.848928	-86.949823	56284.45	56243.5	6.53	56290.97	56291.19531	56269.03697	56270.09766	503681.2	5410663.3
L3680.0	503681.2	5410663.3	41310.69922	260.92	0	48.848928	-86.949823	56284.49	56243.5	6.53	56291.02	56291.27344	56269.38749	56270.46094	503681.2	5410663.3
L3680.0	503681.1	5410665.2	41310.80078	259.73	0	48.848945	-86.949823	56284.55	56243.5	6.53	56291.08	56291.36328	56269.77123	56270.85547	503681.1	5410665.2
L3680.0	503681.1	5410666.7	41310.89844	258.28	0	48.848959	-86.949823	56284.29	56243.5	6.53	56290.82	56291.12891	56270.17491	56271.26953	503681.1	5410666.7
L3680.0	503681.1	5410668.4	41311.00000	256.97	0	48.848974	-86.949823	56284.60	56243.5	6.53	56291.13	56291.46875	56270.65001	56271.75781	503681.1	5410668.4
L3680.0	503681.1	5410668.4	41311.10156	259.00	0	48.848974	-86.949823	56284.59	56243.5	6.53	56291.12	56291.48438	56271.14312	56272.26172	503681.1	5410668.4
L3680.0	503681.2	5410669.9	41311.19922	259.59	0	48.848988	-86.949823	56284.83	56243.5	6.53	56291.35	56291.74219	56271.68787	56272.81641	503681.2	5410669.9
L3680.0	503681.2	5410671.6	41311.30078	262.06	0	48.849003	-86.949823	56284.73	56243.5	6.52	56291.25	56291.66797	56272.22612	56273.36719	503681.2	5410671.6
L3680.0	503681.2	5410671.6	41311.39844	260.15	0	48.849003	-86.949823	56285.00	56243.5	6.52	56291.52	56291.96484	56272.81944	56273.97266	503681.2	5410671.6
L3680.0	503681.2	5410673.0	41311.50000	261.36	0	48.849016	-86.949822	56284.98	56243.5	6.52	56291.50	56291.97266	56273.38700	56274.55078	503681.2	5410673.0
L3680.0	503681.2	5410674.6	41311.60156	263.04	0	48.849030	-86.949822	56284.88	56243.5	6.52	56291.40	56291.89844	56273.94034	56275.11328	503681.2	5410674.6
L3680.0	503681.2	5410674.6	41311.69922	261.47	0	48.849030	-86.949822	56285.16	56243.5	6.52	56291.68	56292.20313	56274.54827	56275.73438	503681.2	5410674.6
L3680.0	503681.2	5410676.2	41311.80078	273.67	0	48.849044	-86.949822	56285.20	56243.5	6.51	56291.72	56292.26563	56275.10902	56276.30469	503681.2	5410676.2
L3680.0	503681.3	5410678.0	41311.89844	275.28	0	48.849061	-86.949821	56285.26	56243.5	6.51	56291.77	56292.33984	56275.16335	56276.37109	503681.3	5410678.0
L3680.0	503681.3	5410678.0	41312.00000	275.10	0	48.849061	-86.949821	56285.04	56243.5	6.51	56291.55	56292.14453	56275.73330	56276.95313	503681.3	5410678.0
L3680.0	503681.3	5410680.6	41312.10156	273.25	0	48.849084	-86.949821	56285.39	56243.5	6.51	56291.90	56292.51953	56276.24545	56277.47656	503681.3	5410680.6
L3680.0	503681.3	5410680.6	41312.19922	271.96	0	48.849084	-86.949821	56285.41	56243.5	6.51	56291.93	56292.57031	56276.75453	56277.99609	503681.3	5410680.6
L3680.0	503681.4	5410682.1	41312.30078	272.69	0	48.849097	-86.949820	56285.77	56243.5	6.51	56292.28	56292.94531	56277.23491	56278.48828	503681.4	5410682.1
L3680.0	503681.4	5410683.6	41312.39844	274.78	0	48.849111	-86.949820	56285.80	56243.5	6.51	56292.31	56292.99609	56277.69553	56278.96094	503681.4	5410683.6
L3680.0	503681.4	5410685.3	41312.39844	274.78	0	48.849126	-86.949820	56285.61	56243.5	6.51	56292.12	56292.82813	56278.12133	56279.39453	503681.4	5410685.3
L3680.0	503681.4	5410685.3	41312.60156	272.45	0	48.849126	-86.949820	56285.52	56243.5	6.52	56292.04	56292.76953	56278.51482	56279.80078	503681.4	5410685.3
L3680.0	503681.4	5410686.8	41312.69922	270.16	0	48.849140	-86.949819	56285.96	56243.5	6.52	56292.47	56293.22266	56278.89913	56280.19531	503681.4	5410686.8
L3680.0	503681.4	5410688.2	41312.80078	269.63	0	48.849152	-86.949819	56286.00	56243.5	6.52	56292.51	56293.28125	56279.23920	56280.54688	503681.4	5410688.2
L3680.0	503681.4	5410688.2	41312.89844	272.20	0	48.849152	-86.949819	56285.82	56243.5	6.52	56292.34	56293.13281	56279.53674	56280.85547	503681.4	5410688.2
L3680.0	503681.4	5410689.6	41313.00000	270.59	0	48.849165	-86.949819	56286.41	56243.5	6.52	56292.93	56293.74219	56279.85630	56281.18359	503681.4	5410689.6
L3680.0	503681.5	5410691.2	41313.10156	269.52	0	48.849179	-86.949819	56285.97	56243.5	6.52	56292.49	56293.32031	56280.08008	56281.41797	503681.5	5410691.2
L3680.0	503681.5	5410692.6	41313.19922	270.79	0	48.849192	-86.949818	56286.71	56243.5	6.52	56293.24	56294.08984	56280.36891	56281.71875	503681.5	5410692.6
L3680.0	503681.5	5410694.0	41313.30078	271.83	0	48.849204	-86.949818	56286.46	56243.5	6.52	56292.98	56293.84766	56280.56367	56281.92188	503681.5	5410694.0
L3680.0	503681.5	5410695.2	41313.39844	273.15	0	48.849216	-86.949818	56286.33	56243.5	6.52	56292.86	56293.74609	56280.75304	56282.12109	503681.5	5410695.2
L3680.0	503681.5	5410695.2	41313.50000	273.73	0	48.849216	-86.949818	56286.46	56243.5	6.52	56292.99	56293.89453	56280.94376	56282.32031	503681.5	5410695.2
L3680.0	503681.5	5410696.9	41313.60156	272.84	0	48.849231	-86.949818	56286.76	56243.5	6.53	56293.29	56294.21094	56281.12754	56282.51563	503681.5	5410696.9
L3680.0	503681.5	5410698.4	41313.69922	272.50	0	48.849244	-86.949818	56286.56	56243.5	6.53	56293.09	56294.02734	56281.25809	56282.65625	503681.5	5410698.4
L3680.0	503681.5	5410699.8	41313.80078	273.73	0	48.849257	-86.949818	56286.49	56243.5	6.53	56293.02	56293.97266	56281.38519	56282.79297	503681.5	5410699.8
L3680.0	503681.5	5410699.8	41313.89844	271.60	0	48.849257	-86.949818	56286.96	56243.5	6.53	56293.49	56294.46094	56281.53094	56282.94531	503681.5	5410699.8
L3680.0	503681.5	5410702.1	41314.00000	273.27	0	48.849277	-86.949817	56286.74	56243.5	6.53	56293.27	56294.25391	56281.63192	56283.05859	503681.5	5410702.1
L3680.0	503681.5	5410702.1	41314.10156	272.33	0	48.849277	-86.949817	56286.95	56243.5	6.53	56293.47	56294.46875	56281.74866	56283.18359	503681.5	5410702.1
L3680.0	503681.5	5410704.3	41314.19922	271.74	0	48.849297	-86.949817	56286.86	56243.5	6.52	56293.39	56294.40234	56281.85044	56283.29297	503681.5	5410704.3
L3680.0	503681.5	5410705.5	41314.30078	273.04	0	48.849308	-86.949818	56287.12	56243.5	6.52	56293.64	56294.66797	56281.95769	56283.41016	503681.5	5410705.5
L3680.0	503681.5	5410706.7	41314.39844	272.69	0	48.849319	-86.949818	56286.70	56243.5	6.52	56293.21	56294.25000	56282.05426	56283.51172	503681.5	5410706.7
L3680.0	503681.5	5410706.7	41314.39844	272.69	0	48.849319	-86.949818	56287.12	56243.5	6.52	56293.64	56294.69141	56282.15873	56283.62500	503681.5	5410706.7
L3680.0	503681.5	5410708.2	41314.60156	268.78	0	48.849332	-86.949818	56287.11	56243.5	6.51	56293.62	56294.68359	56282.26503	56283.73828	503681.5	5410708.2
L3680.0	503681.5	5410710.1	41314.69922	271.35	0	48.849350	-86.949818	56286.94	56243.5	6.51	56293.45	56294.52344	56282.38409	56283.86719	503681.5	5410710.1
L3680.0	503681.5	5410710.9	41314.80078	270.82	0	48.849357	-86.949818	56287.18	56243.5	6.51	56293.69	56294.77344	56282.50458	56283.99219	503681.5	5410710.9
L3680.0	503681.5	5410712.2	41314.89844	271.59	0	48.849368	-86.949818	56287.27	56243.5	6.50	56293.78	56294.87500	56282.64181	56284.13672	503681.5	5410712.2
L3680.0	503681.5	5410713.7	41315.00000	260.68	0	48.849382	-86.949818	56287.08	56243.5	6.50	56293.58	56294.68359	56282.81010	56284.31250	503681.5	5410713.7
L3680.0	503681.5	5410714.9	41315.10156	262.03	0	48.849393	-86.949818	56287.07	56243.5	6.50	56293.57	56294.68359	56282.99115	56284.50000	503681.5	5410714.9
L3680.0	503681.5	5410714.9	41315.19922	261.90	0	48.849393	-86.949818	56287.22	56243.5	6.50	56293.72	56294.83984	56283.18563	56284.69922	503681.5	5410714.9
L3680.0	503681.5	5410716.6	41315.30078	260.64	0	48.849408	-86.949818	56287.02	56243.5	6.50	56293.53	56294.65625	56283.42387	56284.94141	503681.5	5410716.6
L3680.0	503681.5	5410718.1	41315.39844	264.73	0	48.849422	-86.949818	56287.38	56243.5	6.50	56293.88	56295.01563	56283.65311	56285.17578	503681.5	5410718.1
L3680.0	503681.5	5410718.1	41315.50000	263.81	0	48.849422	-86.949818	56287.20	56243.5	6.50	56293.71	56294.85156	56283.93803	56285.46484	503681.5	5410718.1
L3680.0	503681.4	5410719.8	41315.60156	263.31	0	48.849437	-86.949819	56287.12	56243.5	6.51	56293.63	56294.77734	56284.23878	56285.76953	503681.4	5410719.8
L3680.0	503681.4	5410721.3	41315.69922	261.63	0	48.849450	-86.949819	56287.25	56243.5	6.51	56293.76	56294.91016	56284.54917	56286.08594	503681.4	5410721.3
L3680.0	503681.4	5410722.7	41315.80078	264.10	0	48.849463	-86.949820	56287.75	56243.5	6.51	56294.26	56295.41406	56284.86761	56286.40625	503681.4	5410722.7
L3680.0	503681.3	5410724.0	41315.89844	263.84	0	48.849474	-86.949820	56287.99	56243.5	6.51	56294.50	56295.65625	56285.21843	56286.76172	503681.3	5410724.0
L3680.0	503681.3	5410724.0	41316.00000	267.48	0	48.849474	-86.949820	56287.69	56243.5	6.51	56294.20	56295.35938	56285.59102	56287.13672	503681.3	5410724.0
L3680.0	503681.3	5410725.6	41316.10156	268.91	0	48.849489	-86.949821	56287.82	56243.5	6.51	56294.33	56295.48828	56285.96611	56287.51172	503681.3	5410725.6
L3680.0	503681.3	5410727.1	41316.19922	270.23	0	48.849502	-86.949821	56287.93	56243.5	6.51	56294.45	56295.60938	56286.34884	56287.89453	503681.3	5410727.1
L3680.0	503681.3	5410727.1	41316.30078	272.31	0	48.849502	-86.949821	56287.92	56243.5	6.51	56294.43	56295.58984	56286.72946	56288.27734	503681.3	5410727.1
L3680.0	503681.2	5410729.2	41316.39844	273.26	0	48.849522	-86.949821	56287.99	56243.5	6.51	56294.51	56295.66797	56287.11203	56288.66016	503681.2	5410729.2
L3680.0	503681.2	5410729.9	41316.39844	273.26	0	48.849528	-86.949821	56288.40	56243.5	6.51	56294.91	56296.06641	56287.51386	56289.05859	503681.2	5410729.9
L3680.0	503681.2	5410731.5	41316.60156	275.08	0	48.849542	-86.949821	56288.17	56243.5	6.52	56294.69	56295.84375	56287.85242	56289.39453	503681.2	5410731.5
L3680.0	503681.2	5410731.5	41316.69922	276.55	0	48.849542	-86.949821	56288.63	56243.5	6.52	56295.15	56296.29688	56288.24366	56289.78516	503681.2	5410731.5
L3680.0	503681.2	5410733.4	41316.80078	277.03	0	48.849559	-86.949821	56288.35	56243.5	6.52	56294.87	56296.01563	56288.53242	56290.07031	503681.2	5410733.4
L3680.0	503681.3	5410734.8	41316.89844	276.04	0	48.849572	-86.949821	56288.06	56243.5	6.52	56294.58	56295.71875	56288.79126	56290.32422	503681.3	5410734.8
L3680.0	503681.3	5410736.5	41317.00000	276.39	0	48.849587	-86.949821	56288.58	56243.5	6.52	56295.10	56296.23047	56289.14676	56290.67578	503681.3	5410736.5
L3680.0	503681.3	5410736.5	41317.10156	278.34	0	48.849587	-86.949821	56288.20	56243.5	6.52	56294.72	56295.84375	56289.34968	56290.87500	503681.3	5410736.5
L3680.0	503681.3	5410738.0	41317.19922	277.74	0	48.849601	-86.949821	56288.70	56243.5	6.52	56295.22	56296.33203	56289.67455	56291.19141	503681.3	5410738.0
L3680.0	503681.3	5410739.4	41317.30078	277.02	0	48.849613	-86.949820	56288.88	56243.5	6.52	56295.40	56296.50391	56289.93449	56291.44531	503681.3	5410739.4
L3680.0	503681.3	5410741.1	41317.39844	276.25	0	48.849628	-86.949820	56288.68	56243.5	6.52	56295.20	56296.29297	56290.11826	56291.62109	503681.3	5410741.1
L3680.0	503681.3	5410741.1	41317.50000	273.18	0	48.849628	-86.949820	56289.24	56243.5	6.52	56295.76	56296.83984	56290.41580	56291.91016	503681.3	5410741.1
L3680.0	503681.3	5410742.5	41317.60156	274.04	0	48.849641	-86.949820	56289.25	56243.5	6.52	56295.77	56296.83594	56290.61341	56292.09766	503681.3	5410742.5
L3680.0	503681.3	5410744.0	41317.69922	273.51	0	48.849654	-86.949820	56289.24	56243.5	6.52	56295.76	56296.81250	56290.80205	56292.27344	503681.3	5410744.0
L3680.0	503681.3	5410745.4	41317.80078	273.06	0	48.849667	-86.949820	56289.29	56243.5	6.52	56295.81	56296.84766	56290.99642	56292.45703	503681.3	5410745.4
L3680.0	503681.3	5410746.9	41317.89844	273.55	0	48.849680	-86.949820	56289.21	56243.5	6.52	56295.73	56296.75000	56291.17098	56292.61719	503681.3	5410746.9
L3680.0	503681.3	5410746.9	41318.00000	273.83	0	48.849680	-86.949820	56289.57	56243.5	6.52	56296.09	56297.08984	56291.40603	56292.83984	503681.3	5410746.9
L3680.0	503681.3	5410748.4	41318.10156	273.15	0	48.849694	-86.949820	56289.93	56243.5	6.52	56296.45	56297.43359	56291.63795	56293.05469	503681.3	5410748.4
L3680.0	503681.3	5410748.4	41318.19922	272.68	0	48.849694	-86.949820	56289.68	56243.5	6.52	56296.19	56297.15234	56291.79878	56293.19922	503681.3	5410748.4
L3680.0	503681.3	5410750.4	41318.30078	270.79	0	48.849712	-86.949820	56289.88	56243.5	6.52	56296.40	56297.33984	56292.01942	56293.40234	503681.3	5410750.4

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L3680.0	503681.3	5410751.8	41318.39844	271.25	0	48.849725	-86.949820	56290.06	56243.5	6.52	56296.57	56297.48828	56292.23994	56293.60156	503681.3	5410751.8
L3680.0	503681.3	5410753.3	41318.39844	271.25	0	48.849738	-86.949820	56290.04	56243.5	6.52	56296.55	56297.44141	56292.45019	56293.79297	503681.3	5410753.3
L3680.0	503681.3	5410754.8	41318.60156	271.70	0	48.849751	-86.949820	56290.16	56243.5	6.51	56296.67	56297.53516	56292.68015	56294.00000	503681.3	5410754.8
L3680.0	503681.3	5410754.8	41318.69922	273.03	0	48.849751	-86.949820	56290.21	56243.5	6.51	56296.73	56297.57031	56292.91325	56294.21094	503681.3	5410754.8
L3680.0	503681.3	5410756.3	41318.80078	273.88	0	48.849765	-86.949820	56290.44	56243.5	6.51	56296.95	56297.76172	56293.16416	56294.43750	503681.3	5410756.3
L3680.0	503681.3	5410758.1	41318.89844	272.37	0	48.849782	-86.949820	56290.57	56243.5	6.51	56297.08	56297.85938	56293.41648	56294.66406	503681.3	5410758.1
L3680.0	503681.3	5410758.1	41319.00000	270.96	0	48.849782	-86.949820	56290.77	56243.5	6.51	56297.28	56298.02734	56293.67772	56294.89844	503681.3	5410758.1
L3680.0	503681.3	5410759.8	41319.10156	270.03	0	48.849797	-86.949820	56290.87	56243.5	6.51	56297.37	56298.08594	56293.93876	56295.12891	503681.3	5410759.8
L3680.0	503681.4	5410761.3	41319.19922	270.72	0	48.849810	-86.949819	56291.31	56243.5	6.50	56297.81	56298.49219	56294.21519	56295.37500	503681.4	5410761.3
L3680.0	503681.4	5410762.2	41319.30078	271.10	0	48.849818	-86.949819	56291.46	56243.5	6.50	56297.96	56298.60547	56294.48408	56295.61328	503681.4	5410762.2
L3680.0	503681.4	5410763.5	41319.39844	270.41	0	48.849830	-86.949819	56291.87	56243.5	6.50	56298.36	56298.96875	56294.75964	56295.85547	503681.4	5410763.5
L3680.0	503681.4	5410765.2	41319.50000	270.85	0	48.849845	-86.949818	56291.66	56243.5	6.50	56298.16	56298.72656	56295.02917	56296.08984	503681.4	5410765.2
L3680.0	503681.4	5410766.1	41319.60156	268.93	0	48.849853	-86.949818	56291.70	56243.5	6.49	56298.19	56298.71875	56295.30699	56296.33203	503681.4	5410766.1
L3680.0	503681.4	5410766.1	41319.69922	268.08	0	48.849853	-86.949818	56291.97	56243.5	6.49	56298.46	56298.94531	56295.58697	56296.57422	503681.4	5410766.1
L3680.0	503681.5	5410767.4	41319.80078	266.81	0	48.849865	-86.949818	56292.45	56243.5	6.49	56298.94	56299.38281	56295.86304	56296.80859	503681.5	5410767.4
L3680.0	503681.5	5410768.7	41319.89844	266.80	0	48.849877	-86.949817	56292.25	56243.5	6.48	56298.73	56299.12500	56296.15987	56297.06250	503681.5	5410768.7
L3680.0	503681.5	5410768.7	41320.00000	269.81	0	48.849877	-86.949817	56292.28	56243.5	6.48	56298.76	56299.10938	56296.45897	56297.32031	503681.5	5410768.7
L3680.0	503681.5	5410770.7	41320.10156	269.24	0	48.849894	-86.949817	56292.74	56243.5	6.48	56299.22	56299.51953	56296.74050	56297.55469	503681.5	5410770.7
L3680.0	503681.6	5410772.2	41320.19922	270.05	0	48.849908	-86.949816	56292.98	56243.5	6.49	56299.47	56299.71875	56297.03575	56297.80078	503681.6	5410772.2
L3680.0	503681.6	5410773.5	41320.30078	273.44	0	48.849920	-86.949816	56293.15	56243.5	6.49	56299.64	56299.83594	56297.34215	56298.05859	503681.6	5410773.5
L3680.0	503681.6	5410774.9	41320.39844	272.39	0	48.849933	-86.949816	56293.50	56243.5	6.49	56300.00	56300.14063	56297.21998	56297.88672	503681.6	5410774.9
L3680.0	503681.7	5410776.6	41320.39844	272.39	0	48.849948	-86.949815	56294.02	56243.5	6.49	56300.51	56300.59766	56297.56898	56298.18359	503681.7	5410776.6
L3680.0	503681.7	5410776.6	41320.60156	269.78	0	48.849948	-86.949815	56293.98	56243.5	6.50	56300.47	56300.50000	56297.82402	56298.38281	503681.7	5410776.6
L3680.0	503681.7	5410778.1	41320.69922	257.08	0	48.849961	-86.949815	56294.50	56243.5	6.50	56301.00	56300.96875	56298.17754	56298.67969	503681.7	5410778.1
L3680.0	503681.7	5410780.1	41320.80078	258.27	0	48.849979	-86.949814	56294.76	56243.5	6.50	56301.26	56301.16797	56298.49039	56298.93359	503681.7	5410780.1
L3680.0	503681.8	5410781.9	41320.89844	267.25	0	48.849996	-86.949813	56294.75	56243.5	6.51	56301.26	56301.10547	56298.77439	56299.15625	503681.8	5410781.9
L3680.0	503681.8	5410781.9	41321.00000	267.95	0	48.849996	-86.949813	56295.06	56243.5	6.51	56301.57	56301.35156	56299.10618	56299.42188	503681.8	5410781.9
L3680.0	503681.8	5410783.6	41321.10156	258.38	0	48.850010	-86.949813	56295.08	56243.5	6.51	56301.59	56301.30469	56299.41205	56299.66406	503681.8	5410783.6
L3680.0	503681.8	5410784.7	41321.19922	257.68	0	48.850020	-86.949813	56295.27	56243.5	6.50	56301.77	56301.41406	56299.74446	56299.92969	503681.8	5410784.7
L3680.0	503681.9	5410786.0	41321.30078	267.97	0	48.850032	-86.949812	56295.08	56243.5	6.50	56301.58	56301.15625	56300.05475	56300.16797	503681.9	5410786.0
L3680.0	503681.9	5410786.0	41321.39844	266.15	0	48.850032	-86.949812	56295.44	56243.5	6.50	56301.94	56301.44141	56300.42005	56300.46094	503681.9	5410786.0
L3680.0	503681.9	5410787.3	41321.50000	265.50	0	48.850044	-86.949812	56295.62	56243.5	6.50	56302.12	56301.54688	56300.77853	56300.74609	503681.9	5410787.3
L3680.0	503681.9	5410788.8	41321.60156	261.91	0	48.850057	-86.949811	56295.70	56243.5	6.49	56302.20	56301.55078	56301.13942	56301.03125	503681.9	5410788.8
L3680.0	503681.9	5410790.2	41321.69922	256.85	0	48.850070	-86.949811	56296.24	56243.5	6.49	56302.73	56302.00391	56301.52879	56301.33984	503681.9	5410790.2
L3680.0	503681.9	5410790.2	41321.80078	257.18	0	48.850070	-86.949811	56296.61	56243.5	6.49	56303.10	56302.29297	56301.91401	56301.64453	503681.9	5410790.2
L3680.0	503682.0	5410791.9	41321.89844	256.93	0	48.850085	-86.949811	56296.95	56243.5	6.48	56303.43	56302.54297	56302.30225	56301.94922	503682.0	5410791.9
L3680.0	503682.0	5410793.9	41322.00000	259.78	0	48.850103	-86.949811	56297.23	56243.5	6.48	56303.71	56302.73828	56302.69369	56302.25781	503682.0	5410793.9
L3680.0	503682.0	5410793.9	41322.10156	261.03	0	48.850103	-86.949811	56297.46	56243.5	6.48	56303.94	56302.88281	56303.08881	56302.56250	503682.0	5410793.9
L3680.0	503682.0	5410795.4	41322.19922	259.05	0	48.850117	-86.949811	56298.18	56243.5	6.48	56304.66	56303.51563	56303.49643	56302.87891	503682.0	5410795.4
L3680.0	503681.9	5410796.9	41322.30078	259.96	0	48.850130	-86.949811	56298.35	56243.5	6.49	56304.83	56303.59375	56303.89835	56303.18750	503681.9	5410796.9
L3680.0	503681.9	5410798.3	41322.39844	259.23	0	48.850142	-86.949812	56298.76	56243.5	6.49	56305.25	56303.92188	56304.30729	56303.50391	503681.9	5410798.3
L3680.0	503681.9	5410798.3	41322.39844	259.23	0	48.850142	-86.949812	56298.88	56243.5	6.49	56305.37	56303.94922	56304.71739	56303.81641	503681.9	5410798.3
L3680.0	503681.9	5410800.5	41322.60156	260.62	0	48.850162	-86.949812	56298.99	56243.5	6.49	56305.48	56303.96094	56305.13192	56304.12891	503681.9	5410800.5
L3680.0	503681.8	5410802.2	41322.69922	260.57	0	48.850178	-86.949813	56299.61	56243.5	6.49	56306.10	56304.48438	56305.55180	56304.44531	503681.8	5410802.2
L3680.0	503681.8	5410802.2	41322.80078	260.45	0	48.850178	-86.949813	56300.00	56243.5	6.50	56306.50	56304.78516	56305.97386	56304.76563	503681.8	5410802.2
L3680.0	503681.8	5410803.5	41322.89844	261.01	0	48.850189	-86.949813	56299.91	56243.5	6.50	56306.40	56304.58203	56306.39937	56305.08203	503681.8	5410803.5
L3680.0	503681.7	5410804.7	41323.00000	259.95	0	48.850201	-86.949814	56300.43	56243.5	6.50	56306.93	56305.01172	56306.82787	56305.40234	503681.7	5410804.7
L3680.0	503681.7	5410806.3	41323.10156	260.00	0	48.850215	-86.949815	56300.95	56243.5	6.50	56307.45	56305.42578	56307.25915	56305.71875	503681.7	5410806.3
L3680.0	503681.7	5410806.3	41323.19922	261.68	0	48.850215	-86.949815	56300.83	56243.5	6.49	56307.32	56305.18750	56307.69463	56306.03906	503681.7	5410806.3
L3680.0	503681.6	5410808.1	41323.30078	261.40	0	48.850231	-86.949815	56301.39	56243.5	6.49	56307.88	56305.63672	56308.13153	56306.35938	503681.6	5410808.1
L3680.0	503681.6	5410809.5	41323.39844	260.38	0	48.850244	-86.949816	56301.82	56243.5	6.48	56308.30	56305.94531	56308.57150	56306.67969	503681.6	5410809.5
L3680.0	503681.6	5410810.7	41323.50000	258.64	0	48.850254	-86.949816	56302.39	56243.5	6.48	56308.87	56306.40234	56309.01424	56307.00000	503681.6	5410810.7
L3680.0	503681.6	5410810.7	41323.60156	258.22	0	48.850254	-86.949816	56302.48	56243.5	6.48	56308.96	56306.37891	56309.45980	56307.32031	503681.6	5410810.7
L3680.0	503681.6	5410812.4	41323.69922	256.99	0	48.850269	-86.949816	56303.20	56243.5	6.47	56309.67	56306.96875	56309.90848	56307.64063	503681.6	5410812.4
L3680.0	503681.6	5410813.5	41323.80078	258.35	0	48.850280	-86.949816	56303.89	56243.5	6.47	56310.36	56307.54297	56310.36038	56307.96484	503681.6	5410813.5
L3680.0	503681.6	5410815.1	41323.89844	258.01	0	48.850293	-86.949816	56303.76	56243.5	6.46	56310.22	56307.28125	56310.81336	56308.28516	503681.6	5410815.1
L3680.0	503681.5	5410816.5	41324.00000	257.25	0	48.850306	-86.949816	56304.76	56243.5	6.46	56311.22	56308.15625	56311.27207	56308.60938	503681.5	5410816.5
L3680.0	503681.5	5410816.5	41324.10156	264.67	0	48.850306	-86.949816	56304.79	56243.5	6.46	56311.25	56308.06250	56311.73057	56308.92969	503681.5	5410816.5
L3680.0	503681.6	5410818.0	41324.19922	259.81	0	48.850320	-86.949816	56305.50	56243.5	6.46	56311.96	56308.64453	56312.19442	56309.25391	503681.6	5410818.0
L3680.0	503681.6	5410819.7	41324.30078	260.41	0	48.850336	-86.949816	56305.73	56243.5	6.47	56312.19	56308.74609	56312.65868	56309.57813	503681.6	5410819.7
L3680.0	503681.6	5410820.4	41324.39844	268.96	0	48.850342	-86.949816	56306.36	56243.5	6.47	56312.83	56309.25781	56313.12813	56309.90234	503681.6	5410820.4
L3680.0	503681.6	5410822.1	41324.39844	268.96	0	48.850357	-86.949816	56306.64	56243.5	6.47	56313.11	56309.40625	56313.59758	56310.22656	503681.6	5410822.1
L3680.0	503681.6	5410823.4	41324.60156	271.11	0	48.850369	-86.949816	56306.97	56243.5	6.47	56313.45	56309.61328	56314.06975	56310.54688	503681.6	5410823.4
L3680.0	503681.6	5410823.4	41324.69922	273.06	0	48.850369	-86.949816	56307.52	56243.5	6.47	56313.99	56310.01563	56314.54671	56310.87500	503681.6	5410823.4
L3680.0	503681.6	5410825.4	41324.80078	259.84	0	48.850386	-86.949815	56308.11	56243.5	6.48	56314.58	56310.46875	56315.02736	56311.19922	503681.6	5410825.4
L3680.0	503681.6	5410826.9	41324.89844	259.75	0	48.850400	-86.949815	56308.46	56243.5	6.48	56314.94	56310.69141	56315.50731	56311.52344	503681.6	5410826.9
L3680.0	503681.7	5410828.1	41325.00000	260.23	0	48.850410	-86.949815	56308.96	56243.5	6.48	56315.45	56311.05859	56315.99229	56311.85156	503681.7	5410828.1
L3680.0	503681.7	5410829.3	41325.10156	260.46	0	48.850421	-86.949814	56309.53	56243.5	6.48	56316.01	56311.47656	56316.48108	56312.17969	503681.7	5410829.3
L3680.0	503681.7	5410829.3	41325.19922	260.48	0	48.850421	-86.949814	56309.43	56243.5	6.48	56315.91	56311.23438	56316.95701	56312.49219	503681.7	5410829.3
L3680.0	503681.7	5410830.5	41325.30078	260.05	0	48.850432	-86.949814	56310.27	56243.5	6.49	56316.76	56311.93750	56317.45752	56312.82813	503681.7	5410830.5
L3680.0	503681.7	5410831.9	41325.39844	261.29	0	48.850445	-86.949813	56310.63	56243.5	6.49	56317.12	56312.15234	56317.94808	56313.15234	503681.7	5410831.9
L3680.0	503681.8	5410833.4	41325.50000	260.88	0	48.850458	-86.949813	56311.47	56243.5	6.49	56317.96	56312.84375	56318.45603	56313.48828	503681.8	5410833.4
L3680.0	503681.8	5410834.8	41325.60156	260.24	0	48.850471	-86.949813	56311.95	56243.5	6.49	56318.45	56313.18359	56318.95613	56313.81641	503681.8	5410834.8
L3680.0	503681.8	5410834.8	41325.69922	258.53	0	48.850471	-86.949813	56312.54	56243.5	6.49	56319.03	56313.60938	56319.46223	56314.15234	503681.8	5410834.8
L3680.0	503681.8	5410836.0	41325.80078	258.43	0	48.850482	-86.949812	56313.06	56243.5	6.50	56319.55	56313.97656	56319.96887	56314.48047	503681.8	5410836.0
L3680.0	503681.8	5410837.5	41325.89844	258.86	0	48.850496	-86.949812	56313.71	56243.5	6.50	56320.21	56314.48438	56320.48433	56314.82031	503681.8	5410837.5
L3680.0	503681.9	5410838.4	41326.00000	260.15	0	48.850504	-86.949812	56314.40	56243.5	6.50	56320.90	56315.01563	56321.00437	56315.16016	503681.9	5410838.4
L3680.0	503681.9	5410840.1	41326.10156	260.29	0	48.850519	-86.949812	56314.79	56243.5	6.50	56321.28	56315.23828	56321.51292	56315.48828	503681.9	5410840.1
L3680.0	503681.9	5410840.1	41326.19922	261.25	0	48.850519	-86.949812	56315.45	56243.5	6.49	56321.95	56315.75000	56322.03751	56315.82813	503681.9	5410840.1
L3680.0	503681.9	5410841.8	41326.30078	263.48	0	48.850534	-86.949812	56315.88	56243.5	6.49	56322.37	56316.01172	56322.55280	56316.15625	503681.9	5410841.8
L3680.0	503681.9	5410843.0	41326.39844	265.59	0	48.850544	-86.949812	56316.81	56243.5	6.49	56323.29	56316.76953	56323.09359	56316.51172	503681.9	5410843.0
L3680.0	503681.9	5410844.7	41326.39844	265.59	0	48.850560	-86.949812	56317.21	56243.5	6.49	56323.70	56317.01953	56323.61289	56316.83984	503681.9	5410844.7
L3680.0	503681.8	5410846.2	41326.60156	267.41	0	48.850574	-86.949812	56317.98	56243.5	6.48	56324.46	56317.61328	56324.14906	56317.18750	503681.8	5410846.2
L3680.0	503681.8	5410846.2	41326.69922	263.64	0	48.850574	-86.949812	56318.85	56243.5	6.48	56325.33	56318.32031	56324.68931	56317.53516	503681.8	5410846.2
L3680.0	503681.8	5410847.6	41326.80078	264.01	0	48.850586	-86.949812	56319.18	56243.5	6.48	56325.66	56318.48438	56325.21119	56317.86328	503681.8	5410847.6
L3680.0	503681.8	5410849.1	41326.89844	261.22	0	48.850600	-86.949812	56319.63	56243.5	6.47	56326.11	56318.76953	56325.74007	56318.19531	503681.8	5410849.1
L3680.0	503681.8	5410850.4	41327.00000	262.40	0	48.850612	-86.949812	56320.23	56243.5	6.47	56326.70	56319.19141	56326.27437	56318.53125	503681.8	5410850.4
L3680.0	503681.8	5410850.4	41327.10156	261.73	0	48.850612	-86.949812	56320.98	56243.5	6.47	56327.46	56319.78125	56326.81158	56318.87109	503681.8	5410850.4
L3680.0	503681.8	5410852.0	41327.19922	262.03	0	48.850626	-86.949813	56321.39	56243.5	6.48	56327.87	56320.02344	56327.34649	56319.20703	503681.8	5410852.0
L3680.0	503681.8	5410853.6	41327.30078	261.10	0	48.850640	-86.949813	56322.39	56243.5	6.48	56328.87	56320.85156	56327.88254	56319.53906	503681.8	5410853.6
L3680.0	503681.8	5410855.3	41327.39844	259.43	0	48.850656	-86.949813	56322.90	56243.5	6.48	56329.38	56321.19141	56328.41986	56319.87500	503681.8	5410855.3
L3680.0	503681.8	5410855.3	41327.50000	258.27	0	48.850656	-86.949813	56323.87	56243.5	6.49	56330.36	56322.00000	56328.95095	56320.20313	503681.8	5410855.3
L3680.0	503681.8	5410856.2	41327.60156	257.60	0	48.850664	-86.949812	56324.56	56243.5	6.49	56331.05	56322.51563	56329.48615	56320.53125	503681.8	5410856.2

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L3680.0	503681.8	5410857.7	41327.69922	256.77	0	48.850677	-86.949812	56325.28	56243.5	6.49	56331.77	56323.06250	56330.02136	56320.85938	503681.8	5410857.7
L3680.0	503681.8	5410859.1	41327.80078	256.55	0	48.850690	-86.949812	56325.64	56243.5	6.49	56332.13	56323.25000	56330.57081	56321.20313	503681.8	5410859.1
L3680.0	503681.8	5410859.1	41327.89844	256.47	0	48.850690	-86.949812	56326.17	56243.5	6.50	56332.67	56323.61328	56331.11748	56321.53906	503681.8	5410859.1
L3680.0	503681.8	5410860.7	41328.00000	255.59	0	48.850704	-86.949812	56326.83	56243.5	6.50	56333.33	56324.09766	56331.66166	56321.87500	503681.8	5410860.7
L3680.0	503681.8	5410861.6	41328.10156	255.46	0	48.850713	-86.949812	56327.73	56243.5	6.50	56334.23	56324.82422	56332.19663	56322.19531	503681.8	5410861.6
L3680.0	503681.8	5410863.0	41328.19922	255.40	0	48.850725	-86.949812	56328.72	56243.5	6.50	56335.22	56325.63672	56332.72906	56322.51953	503681.8	5410863.0
L3680.0	503681.8	5410864.3	41328.30078	256.56	0	48.850737	-86.949812	56329.26	56243.5	6.50	56335.76	56326.00000	56333.28704	56322.86328	503681.8	5410864.3
L3680.0	503681.8	5410864.3	41328.39844	257.92	0	48.850737	-86.949812	56330.00	56243.5	6.50	56336.50	56326.56250	56333.83860	56323.19922	503681.8	5410864.3
L3680.0	503681.8	5410865.8	41328.39844	257.92	0	48.850750	-86.949812	56330.56	56243.5	6.50	56337.06	56326.94531	56334.40282	56323.55078	503681.8	5410865.8
L3680.0	503681.8	5410867.7	41328.60156	259.92	0	48.850767	-86.949812	56331.50	56243.5	6.50	56338.00	56327.70703	56334.95296	56323.88281	503681.8	5410867.7
L3680.0	503681.8	5410868.8	41328.69922	262.34	0	48.850777	-86.949813	56332.32	56243.5	6.50	56338.82	56328.35156	56335.51486	56324.23047	503681.8	5410868.8
L3680.0	503681.8	5410868.8	41328.80078	261.22	0	48.850777	-86.949813	56333.19	56243.5	6.50	56339.69	56329.04297	56336.08156	56324.58203	503681.8	5410868.8
L3680.0	503681.8	5410870.5	41328.89844	261.03	0	48.850792	-86.949813	56333.72	56243.5	6.50	56340.22	56329.39453	56336.66801	56324.94922	503681.8	5410870.5
L3680.0	503681.8	5410870.5	41329.00000	260.82	0	48.850792	-86.949813	56334.36	56243.5	6.50	56340.86	56329.85547	56337.25613	56325.32031	503681.8	5410870.5
L3680.0	503681.7	5410871.8	41329.10156	259.44	0	48.850804	-86.949813	56335.28	56243.5	6.50	56341.77	56330.58594	56337.84565	56325.69141	503681.7	5410871.8
L3680.0	503681.7	5410873.1	41329.19922	260.59	0	48.850816	-86.949813	56336.20	56243.5	6.49	56342.69	56331.32813	56338.44715	56326.07422	503681.7	5410873.1
L3680.0	503681.7	5410874.8	41329.30078	260.38	0	48.850831	-86.949813	56337.04	56243.5	6.49	56343.52	56331.98047	56339.06216	56326.46875	503681.7	5410874.8
L3680.0	503681.7	5410875.8	41329.39844	257.75	0	48.850840	-86.949813	56337.73	56243.5	6.48	56344.21	56332.49219	56339.68789	56326.87500	503681.7	5410875.8
L3680.0	503681.7	5410875.8	41329.39844	257.75	0	48.850840	-86.949813	56338.68	56243.5	6.48	56345.16	56333.26563	56340.33038	56327.29688	503681.7	5410875.8
L3680.0	503681.7	5410877.0	41329.60156	259.39	0	48.850851	-86.949813	56339.29	56243.5	6.47	56345.76	56333.68750	56340.97558	56327.72266	503681.7	5410877.0
L3680.0	503681.7	5410878.2	41329.69922	259.84	0	48.850862	-86.949813	56340.48	56243.5	6.46	56346.95	56334.69922	56341.66185	56328.18750	503681.7	5410878.2
L3680.0	503681.7	5410879.5	41329.80078	260.93	0	48.850873	-86.949813	56340.99	56243.5	6.46	56347.45	56335.02344	56342.32188	56328.62500	503681.7	5410879.5
L3680.0	503681.7	5410879.5	41329.89844	260.93	0	48.850873	-86.949813	56341.96	56243.5	6.45	56348.42	56335.81641	56343.02780	56329.11328	503681.7	5410879.5
L3680.0	503681.8	5410880.6	41329.89844	258.73	0	48.850884	-86.949813	56342.48	56243.5	6.45	56348.93	56336.14844	56343.70146	56329.56250	503681.8	5410880.6
L3680.0	503681.8	5410881.7	41330.00000	259.02	0	48.850893	-86.949812	56343.09	56243.6	6.45	56349.54	56336.58203	56344.38957	56330.03125	503681.8	5410881.7
L3680.0	503681.8	5410883.0	41330.19922	260.49	0	48.850905	-86.949812	56343.90	56243.5	6.46	56350.36	56337.22656	56345.11362	56330.53516	503681.8	5410883.0
L3680.0	503681.8	5410884.0	41330.30078	257.78	0	48.850914	-86.949812	56344.70	56243.5	6.46	56351.16	56337.85156	56345.84640	56331.04688	503681.8	5410884.0
L3680.0	503681.8	5410884.0	41330.39844	258.18	0	48.850914	-86.949812	56345.62	56243.5	6.46	56352.08	56338.59766	56346.61274	56331.58984	503681.8	5410884.0
L3680.0	503681.9	5410885.3	41330.39844	258.18	0	48.850925	-86.949811	56346.38	56243.5	6.46	56352.84	56339.18359	56347.02672	56331.78516	503681.9	5410885.3
L3680.0	503681.9	5410886.4	41330.60156	270.42	0	48.850935	-86.949811	56347.25	56243.5	6.47	56353.71	56339.87891	56347.75996	56332.29688	503681.9	5410886.4
L3680.0	503681.9	5410887.6	41330.69922	271.98	0	48.850946	-86.949811	56348.04	56243.5	6.47	56354.51	56340.50781	56348.50783	56332.82422	503681.9	5410887.6
L3680.0	503681.9	5410887.6	41330.80078	272.80	0	48.850946	-86.949811	56349.06	56243.5	6.47	56355.53	56341.35547	56349.26451	56333.35938	503681.9	5410887.6
L3680.0	503682.0	5410889.1	41330.89844	273.93	0	48.850959	-86.949810	56349.46	56243.5	6.48	56355.94	56341.59375	56350.01805	56333.89063	503682.0	5410889.1
L3680.0	503682.0	5410890.3	41331.00000	275.11	0	48.850971	-86.949809	56350.62	56243.5	6.48	56357.10	56342.58203	56350.79770	56334.45313	503682.0	5410890.3
L3680.0	503682.0	5410890.3	41331.10156	275.32	0	48.850971	-86.949809	56351.03	56243.5	6.48	56357.51	56342.82422	56351.53372	56334.96875	503682.0	5410890.3
L3680.0	503682.1	5410891.8	41331.19922	274.74	0	48.850984	-86.949809	56351.94	56243.5	6.48	56358.42	56343.56641	56352.30160	56335.51563	503682.1	5410891.8
L3680.0	503682.1	5410891.8	41331.30078	275.23	0	48.850984	-86.949809	56352.45	56243.5	6.48	56358.93	56343.90625	56353.01920	56336.01563	503682.1	5410891.8
L3680.0	503682.1	5410892.8	41331.39844	273.26	0	48.850993	-86.949808	56353.45	56243.5	6.48	56359.93	56344.74219	56353.78836	56336.56250	503682.1	5410892.8
L3680.0	503682.1	5410893.8	41331.50000	273.26	0	48.851002	-86.949808	56354.47	56243.5	6.48	56360.95	56345.59375	56354.55735	56337.11328	503682.1	5410893.8
L3680.0	503682.1	5410893.8	41331.60156	273.83	0	48.851002	-86.949808	56355.04	56243.5	6.48	56361.52	56346.00000	56355.24428	56337.58203	503682.1	5410893.8
L3680.0	503682.2	5410895.2	41331.69922	273.65	0	48.851014	-86.949807	56355.90	56243.5	6.48	56362.38	56346.69531	56355.96787	56338.08984	503682.2	5410895.2
L3680.0	503682.2	5410896.5	41331.80078	274.91	0	48.851026	-86.949807	56356.11	56243.5	6.48	56362.59	56346.74219	56356.55391	56338.45703	503682.2	5410896.5
L3680.0	503682.2	5410897.5	41331.89844	275.71	0	48.851035	-86.949807	56356.79	56243.5	6.48	56363.27	56347.26172	56357.21351	56338.90234	503682.2	5410897.5
L3680.0	503682.2	5410897.5	41332.00000	275.76	0	48.851035	-86.949807	56357.28	56243.5	6.48	56363.76	56347.58984	56357.81996	56339.29297	503682.2	5410897.5
L3680.0	503682.2	5410898.6	41332.10156	275.68	0	48.851045	-86.949806	56358.28	56243.5	6.48	56364.76	56348.43359	56358.52304	56339.77734	503682.2	5410898.6
L3680.0	503682.2	5410898.6	41332.19922	275.79	0	48.851045	-86.949806	56358.96	56243.5	6.48	56365.44	56348.95313	56359.14830	56340.18750	503682.2	5410898.6
L3680.0	503682.2	5410900.1	41332.30078	277.21	0	48.851058	-86.949806	56359.84	56243.5	6.48	56366.32	56349.67969	56359.80905	56340.63281	503682.2	5410900.1
L3680.0	503682.2	5410900.8	41332.39844	277.57	0	48.851065	-86.949806	56360.60	56243.5	6.48	56367.08	56350.28125	56360.43453	56341.04688	503682.2	5410900.8
L3680.0	503682.2	5410901.7	41332.39844	277.57	0	48.851073	-86.949806	56361.36	56243.5	6.48	56367.84	56350.88672	56361.05162	56341.44922	503682.2	5410901.7
L3680.0	503682.2	5410901.7	41332.60156	277.04	0	48.851073	-86.949806	56362.00	56243.5	6.48	56368.48	56351.37500	56361.63371	56341.81641	503682.2	5410901.7
L3680.0	503682.2	5410902.6	41332.69922	276.28	0	48.851081	-86.949806	56362.18	56243.5	6.48	56368.66	56351.40234	56362.10226	56342.07422	503682.2	5410902.6
L3680.0	503682.2	5410903.6	41332.80078	277.09	0	48.851090	-86.949807	56362.69	56243.5	6.48	56369.17	56351.76563	56362.63509	56342.39453	503682.2	5410903.6
L3680.0	503682.2	5410904.5	41332.89844	276.04	0	48.851098	-86.949807	56363.28	56243.5	6.48	56369.76	56352.20313	56363.17360	56342.72266	503682.2	5410904.5
L3680.0	503682.2	5410904.5	41333.00000	277.06	0	48.851098	-86.949807	56364.27	56243.5	6.48	56370.75	56353.04688	56363.78614	56343.12500	503682.2	5410904.5
L3680.0	503682.2	5410905.4	41333.10156	277.98	0	48.851106	-86.949807	56364.63	56243.5	6.48	56371.11	56353.26172	56364.24339	56343.37109	503682.2	5410905.4
L3680.0	503682.2	5410906.5	41333.19922	279.07	0	48.851116	-86.949807	56365.65	56243.5	6.49	56372.14	56354.14844	56364.82623	56343.74609	503682.2	5410906.5
L3680.0	503682.1	5410907.2	41333.30078	277.09	0	48.851122	-86.949807	56366.14	56243.5	6.49	56372.63	56354.49609	56365.27541	56343.98438	503682.1	5410907.2
L3680.0	503682.1	5410907.2	41333.39844	275.97	0	48.851122	-86.949807	56366.80	56243.5	6.49	56373.29	56355.01172	56365.73925	56344.24219	503682.1	5410907.2
L3680.0	503682.1	5410908.0	41333.50000	275.83	0	48.851129	-86.949808	56367.48	56243.5	6.50	56373.98	56355.56250	56366.18572	56344.48047	503682.1	5410908.0
L3680.0	503682.1	5410908.9	41333.60156	275.89	0	48.851138	-86.949808	56367.87	56243.5	6.50	56374.37	56355.81641	56366.55650	56344.64453	503682.1	5410908.9
L3680.0	503682.1	5410908.9	41333.69922	275.47	0	48.851138	-86.949808	56368.43	56243.5	6.50	56374.94	56356.24609	56366.93754	56344.82031	503682.1	5410908.9
L3680.0	503682.1	5410909.7	41333.80078	274.19	0	48.851145	-86.949808	56368.71	56243.5	6.50	56375.22	56356.39063	56367.25918	56344.93359	503682.1	5410909.7
L3680.0	503682.1	5410910.7	41333.89844	271.84	0	48.851154	-86.949808	56369.73	56243.5	6.51	56376.24	56357.27734	56367.65495	56345.12500	503682.1	5410910.7
L3680.0	503682.1	5410911.5	41334.00000	271.31	0	48.851161	-86.949808	56370.20	56243.5	6.51	56376.71	56357.61719	56367.96401	56345.23047	503682.1	5410911.5
L3680.0	503682.1	5410911.5	41334.10156	272.02	0	48.851161	-86.949808	56370.57	56243.5	6.51	56377.08	56357.85547	56368.25398	56345.31641	503682.1	5410911.5
L3680.0	503682.1	5410912.2	41334.19922	271.83	0	48.851167	-86.949808	56370.98	56243.5	6.51	56377.49	56358.13672	56368.54009	56345.39844	503682.1	5410912.2
L3680.0	503682.1	5410913.0	41334.30078	273.18	0	48.851174	-86.949808	56371.63	56243.5	6.51	56378.13	56358.64844	56368.82683	56345.48438	503682.1	5410913.0
L3680.0	503682.1	5410913.0	41334.39844	273.43	0	48.851174	-86.949808	56371.63	56243.5	6.51	56378.13	56358.52344	56369.09921	56345.55469	503682.1	5410913.0
L3680.0	503682.1	5410913.9	41334.39844	273.43	0	48.851183	-86.949808	56372.18	56243.5	6.51	56378.69	56358.95703	56369.37837	56345.63281	503682.1	5410913.9
L3680.0	503682.1	5410914.6	41334.60156	258.34	0	48.851189	-86.949809	56372.82	56243.5	6.50	56379.33	56359.47656	56369.64948	56345.70313	503682.1	5410914.6
L3680.0	503682.0	5410915.7	41334.69922	259.32	0	48.851199	-86.949809	56373.05	56243.5	6.50	56379.55	56359.57422	56369.94257	56345.79688	503682.0	5410915.7
L3680.0	503682.0	5410916.2	41334.80078	271.79	0	48.851204	-86.949809	56373.74	56243.5	6.50	56380.24	56360.14453	56370.20689	56345.85938	503682.0	5410916.2
L3680.0	503682.0	5410916.2	41334.89844	272.50	0	48.851204	-86.949809	56373.94	56243.5	6.50	56380.44	56360.22656	56371.58196	56347.03516	503682.0	5410916.2
L3680.0	503682.0	5410916.8	41335.00000	260.18	0	48.851209	-86.949809	56374.86	56243.5	6.50	56381.36	56361.03125	56371.98328	56347.23828	503682.0	5410916.8
L3680.0	503682.0	5410916.8	41335.10156	262.35	0	48.851209	-86.949809	56375.02	56243.5	6.50	56381.52	56361.07813	56372.26191	56347.32031	503682.0	5410916.8
L3680.0	503682.0	5410917.5	41335.19922	263.68	0	48.851215	-86.949809	56375.66	56243.5	6.50	56382.16	56361.60547	56372.62994	56347.49219	503682.0	5410917.5
L3680.0	503682.0	5410918.2	41335.30078	265.45	0	48.851221	-86.949809	56376.11	56243.5	6.51	56382.62	56361.95313	56372.98540	56347.64844	503682.0	5410918.2
L3680.0	503682.0	5410918.8	41335.39844	263.51	0	48.851227	-86.949809	56376.27	56243.5	6.51	56382.77	56361.99219	56373.32150	56347.78906	503682.0	5410918.8
L3680.0	503682.0	5410918.8	41335.50000	262.51	0	48.851227	-86.949809	56376.68	56243.5	6.51	56383.19	56362.30469	56373.71440	56347.98828	503682.0	5410918.8
L3680.0	503682.0	5410919.5	41335.60156	262.59	0	48.851233	-86.949809	56376.68	56243.5	6.51	56383.19	56362.19922	56374.08424	56348.16016	503682.0	5410919.5
L3680.0	503682.0	5410920.2	41335.69922	262.36	0	48.851239	-86.949809	56377.01	56243.5	6.51	56383.52	56362.42188	56374.51626	56348.39844	503682.0	5410920.2
L3680.0	503682.0	5410920.2	41335.80078	263.85	0	48.851239	-86.949809	56377.32	56243.5	6.52	56383.83	56362.62891	56374.97016	56348.65625	503682.0	5410920.2
L3680.0	503682.0	5410920.9	41335.89844	264.04	0	48.851246	-86.949809	56377.88	56243.5	6.52	56384.39	56363.08984	56375.47498	56348.96875	503682.0	5410920.9
L3680.0	503682.0	5410921.4	41336.00000	262.23	0	48.851250	-86.949809	56378.03	56243.5	6.52	56384.55	56363.14844	56375.95912	56349.25781	503682.0	5410921.4
L3680.0	503682.0	5410921.4	41336.10156	263.82	0	48.851250	-86.949809	56378.23	56243.5	6.52	56384.75	56363.25000	56376.46810	56349.57422	503682.0	5410921.4
L3680.0	503682.0	5410922.1	41336.19922	265.80	0	48.851256	-86.949809	56378.51	56243.5	6.52	56385.03	56363.43359	56377.00585	56349.91797	503682.0	5410922.1
L3680.0	503682.0	5410922.6	41336.30078	264.00	0	48.851261	-86.949809	56378.74	56243.5	6.52	56385.26	56363.56641	56377.55330	56350.27344	503682.0	5410922.6
L3680.0	503682.0	5410922.6	41336.39844	263.15	0	48.851261	-86.949809	56378.92	56243.5	6.52	56385.44	56363.65234	56378.10615	56350.63672	503682.0	5410922.6
L3680.0	503682.0	5410923.1	41336.39844	263.15	0	48.851266	-86.949809	56379.18	56243.5	6.52	56385.70	56363.82031	56378.68122	56351.01953	503682.0	5410923.1
L3680.0	503682.0	5410923.6	41336.60156	262.22	0	48.851270	-86.949809	56379.33	56243.5	6.52	56385.85	56363.87891	56379.24081	56351.38672	503682.0	5410923.6
L3680.0	503682.0	5410923.6	41336.69922	261.20	0	48.851270	-86.949809	56379.64	56243.5	6.52	56386.16	56364.09766	56379.08357	56351.03906	503682.0	5410923.6
L3680.0	503682.0	5410924.1	41336.80078	261.53	0	48.851274	-86.949809	56380.14	56243.5	6.52	56386.66	56364.50781	56379.69350	56351.45703	503682.0	5410924.1
L3680.0	503682.0	5410924.5	41336.89844	263.73	0	48.851278	-86.949809	56379.99	56243.5	6.52	56386.51	56364.27344	56380.31912	56351.89063	503682.0	5410924.5

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L3680.0	503682.0	5410924.9	41337.00000	263.78	0	48.851281	-86.949810	56380.48	56243.5	6.52	56387.00	56364.67578	56380.92822	56352.31250	503682.0	5410924.9
L3680.0	503682.0	5410924.9	41337.10156	280.53	0	48.851281	-86.949810	56380.76	56243.5	6.52	56387.28	56364.87109	56381.53170	56352.72656	503682.0	5410924.9
L3680.0	503682.0	5410925.2	41337.19922	279.26	0	48.851285	-86.949810	56380.91	56243.5	6.52	56387.43	56364.94141	56382.11422	56353.11719	503682.0	5410925.2
L3680.0	503682.0	5410925.6	41337.30078	278.27	0	48.851288	-86.949810	56380.71	56243.5	6.53	56387.23	56364.66016	56382.63486	56353.44922	503682.0	5410925.6
L3680.0	503682.0	5410925.6	41337.39844	276.59	0	48.851288	-86.949810	56380.38	56243.5	6.53	56386.91	56364.25781	56383.09357	56353.71875	503682.0	5410925.6
L3680.0	503682.0	5410925.9	41337.50000	277.90	0	48.851291	-86.949810	56380.81	56243.5	6.53	56387.34	56364.60938	56383.63768	56354.07422	503682.0	5410925.9
L3680.0	503682.0	5410926.3	41337.60156	277.95	0	48.851294	-86.949810	56381.04	56243.5	6.53	56387.57	56364.76172	56384.13331	56354.38281	503682.0	5410926.3
L3680.0	503682.0	5410926.3	41337.69922	279.97	0	48.851294	-86.949810	56381.37	56243.5	6.53	56387.90	56365.01563	56384.63409	56354.69141	503682.0	5410926.3
L3680.0	503682.0	5410926.6	41337.80078	280.97	0	48.851297	-86.949810	56381.22	56243.5	6.54	56387.75	56364.78906	56384.99500	56354.86719	503682.0	5410926.6
L3680.0	503681.9	5410926.9	41337.89844	280.96	0	48.851300	-86.949810	56381.44	56243.5	6.54	56387.98	56364.94531	56385.25494	56354.93750	503681.9	5410926.9
L3680.0	503681.9	5410926.9	41338.00000	282.93	0	48.851300	-86.949810	56381.68	56243.5	6.54	56388.22	56365.11328	56385.67054	56355.16406	503681.9	5410926.9
L3680.0	503681.9	5410927.0	41338.10156	282.38	0	48.851301	-86.949810	56381.75	56243.5	6.54	56388.29	56365.10938	56386.08053	56355.38672	503681.9	5410927.0
L3680.0	503681.9	5410927.2	41338.19922	283.27	0	48.851302	-86.949810	56381.75	56243.5	6.54	56388.30	56365.05078	56386.47071	56355.58984	503681.9	5410927.2
L3680.0	503681.9	5410927.4	41338.30078	281.29	0	48.851304	-86.949810	56381.88	56243.5	6.54	56388.43	56365.10938	56386.83617	56355.76953	503681.9	5410927.4
L3680.0	503681.9	5410927.4	41338.39844	280.30	0	48.851304	-86.949810	56382.29	56243.5	6.54	56388.83	56365.44141	56387.18332	56355.92578	503681.9	5410927.4
L3680.0	503682.0	5410927.5	41338.39844	280.30	0	48.851305	-86.949810	56382.57	56243.5	6.54	56389.11	56365.65625	56387.52613	56356.08203	503682.0	5410927.5
L3680.0	503682.0	5410927.6	41338.60156	280.16	0	48.851306	-86.949810	56383.03	56243.5	6.55	56389.57	56366.04688	56387.86078	56356.23047	503682.0	5410927.6
L3680.0	503682.0	5410927.6	41338.69922	282.96	0	48.851306	-86.949810	56383.13	56243.5	6.55	56389.68	56366.09375	56388.19003	56356.37109	503682.0	5410927.6
L3680.0	503682.0	5410927.7	41338.80078	280.83	0	48.851307	-86.949810	56383.75	56243.5	6.55	56390.29	56366.63672	56388.51159	56356.50781	503682.0	5410927.7
L3680.0	503682.0	5410927.8	41338.89844	279.44	0	48.851308	-86.949810	56384.61	56243.5	6.55	56391.16	56367.44531	56388.82194	56356.63281	503682.0	5410927.8
L3680.0	503681.9	5410927.9	41339.00000	281.01	0	48.851309	-86.949810	56384.89	56243.4	6.55	56391.45	56367.67188	56389.12469	56356.74609	503681.9	5410927.9
L3680.0	503681.9	5410927.9	41339.10156	279.47	0	48.851309	-86.949810	56384.96	56243.4	6.55	56391.52	56367.67969	56389.42481	56356.85938	503681.9	5410927.9
L3680.0	503681.9	5410928.1	41339.19922	278.61	0	48.851310	-86.949810	56384.59	56243.4	6.55	56391.14	56367.23828	56389.74499	56356.99219	503681.9	5410928.1
L3680.0	503681.9	5410928.2	41339.30078	277.54	0	48.851312	-86.949810	56384.41	56243.4	6.55	56390.96	56367.00000	56390.07280	56357.13672	503681.9	5410928.2
L3680.0	503681.9	5410928.2	41339.39844	277.32	0	48.851312	-86.949810	56384.26	56243.4	6.55	56390.81	56366.78906	56390.41876	56357.29297	503681.9	5410928.2
L3680.0	503681.9	5410928.4	41339.50000	281.39	0	48.851313	-86.949810	56384.31	56243.4	6.56	56390.86	56366.78125	56390.76591	56357.45313	503681.9	5410928.4
L3680.0	503681.9	5410928.6	41339.60156	284.11	0	48.851315	-86.949811	56384.34	56243.4	6.56	56390.89	56366.75000	56391.07606	56357.57813	503681.9	5410928.6
L3680.0	503681.9	5410928.8	41339.69922	281.70	0	48.851317	-86.949811	56384.54	56243.4	6.56	56391.09	56366.89453	56391.43858	56357.75391	503681.9	5410928.8
L3680.0	503681.8	5410929.0	41339.80078	281.54	0	48.851319	-86.949811	56384.59	56243.4	6.56	56391.14	56366.88672	56391.78625	56357.91797	503681.8	5410929.0
L3680.0	503681.8	5410929.0	41339.89844	281.27	0	48.851319	-86.949811	56384.33	56243.4	6.56	56390.89	56366.58203	56392.11184	56358.05469	503681.8	5410929.0
L3680.0	503681.8	5410929.3	41340.00000	278.61	0	48.851321	-86.949812	56384.46	56243.4	6.56	56391.02	56366.65625	56392.53773	56358.29688	503681.8	5410929.3
L3680.0	503681.8	5410929.6	41340.10156	276.54	0	48.851324	-86.949812	56384.10	56243.4	6.56	56390.66	56366.23828	56392.94697	56358.51953	503681.8	5410929.6
L3680.0	503681.8	5410929.6	41340.19922	275.60	0	48.851324	-86.949812	56384.20	56243.4	6.56	56390.76	56366.28516	56393.44597	56358.83203	503681.8	5410929.6
L3680.0	503681.7	5410929.9	41340.30078	276.75	0	48.851327	-86.949813	56383.90	56243.4	6.56	56390.46	56365.92969	56393.97414	56359.17188	503681.7	5410929.9
L3680.0	503681.7	5410930.2	41340.39844	276.30	0	48.851329	-86.949813	56384.13	56243.4	6.56	56390.69	56366.10547	56394.55100	56359.56250	503681.7	5410930.2
L3680.0	503681.7	5410930.2	41340.39844	276.30	0	48.851329	-86.949813	56384.06	56243.4	6.56	56390.62	56365.98047	56395.17639	56360.00391	503681.7	5410930.2
L3680.0	503681.7	5410930.5	41340.60156	270.78	0	48.851332	-86.949813	56384.10	56243.4	6.57	56390.67	56365.98047	56394.72208	56359.36328	503681.7	5410930.5
L3680.0	503681.7	5410930.7	41340.69922	265.95	0	48.851334	-86.949814	56384.31	56243.4	6.57	56390.88	56366.13672	56395.32229	56359.77734	503681.7	5410930.7
L3680.0	503681.7	5410930.9	41340.80078	261.41	0	48.851336	-86.949814	56384.36	56243.4	6.57	56390.92	56366.12109	56395.93045	56360.19922	503681.7	5410930.9
L3680.0	503681.7	5410930.9	41340.89844	257.09	0	48.851336	-86.949814	56384.46	56243.4	6.57	56391.03	56366.17969	56396.58270	56360.66406	503681.7	5410930.9
L3680.0	503681.7	5410931.1	41341.00000	253.52	0	48.851337	-86.949814	56384.02	56243.4	6.57	56390.59	56365.68750	56397.25368	56361.14844	503681.7	5410931.1
L3680.0	503681.6	5410931.3	41341.10156	251.92	0	48.851339	-86.949814	56384.25	56243.4	6.57	56390.82	56365.86719	56397.99854	56361.70703	503681.6	5410931.3
L3680.0	503681.6	5410931.4	41341.19922	252.72	0	48.851340	-86.949814	56384.41	56243.4	6.57	56390.97	56365.96484	56398.77551	56362.29688	503681.6	5410931.4
L3680.0	503681.6	5410931.4	41341.30078	253.28	0	48.851340	-86.949814	56385.02	56243.4	6.57	56391.59	56366.53125	56399.39246	56362.73047	503681.6	5410931.4
L3680.0	503681.6	5410931.5	41341.39844	255.20	0	48.851341	-86.949814	56384.82	56243.4	6.57	56391.38	56366.26953	56399.92396	56363.07422	503681.6	5410931.5
L3720.0	503720.6	5411451.3	80073.60156	332.19	0	48.856017	-86.949279	56271.66	56247.8	2.16	56273.82	56273.83594	56354.37629	56335.40625	503720.6	5411451.3
L3720.0	503720.6	5411451.3	80073.70313	332.19	0	48.856017	-86.949279	56271.36	56247.8	2.16	56273.52	56273.56250	56348.58239	56330.08984	503720.6	5411451.3
L3720.0	503720.5	5411451.1	80073.70313	331.38	0	48.856015	-86.949279	56271.38	56247.8	2.16	56273.54	56273.60938	56351.34531	56333.33203	503720.5	5411451.1
L3720.0	503720.5	5411450.8	80073.89844	332.49	0	48.856013	-86.949280	56271.40	56247.8	2.16	56273.56	56273.65625	56354.30277	56336.76563	503720.5	5411450.8
L3720.0	503720.5	5411450.7	80074.00000	334.79	0	48.856011	-86.949280	56271.25	56247.8	2.16	56273.41	56273.53125	56352.84390	56335.78125	503720.5	5411450.7
L3720.0	503720.5	5411450.7	80074.10156	333.88	0	48.856011	-86.949280	56271.13	56247.8	2.16	56273.29	56273.43750	56352.30823	56335.72266	503720.5	5411450.7
L3720.0	503720.4	5411450.5	80074.20313	334.83	0	48.856009	-86.949281	56270.89	56247.8	2.16	56273.06	56273.23438	56348.86622	56332.75391	503720.4	5411450.5
L3720.0	503720.4	5411450.3	80074.29688	336.49	0	48.856008	-86.949281	56270.76	56247.8	2.16	56272.92	56273.11719	56347.99642	56332.35547	503720.4	5411450.3
L3720.0	503720.4	5411450.3	80074.39844	335.55	0	48.856008	-86.949281	56270.34	56247.8	2.16	56272.50	56272.72266	56339.49055	56324.32031	503720.4	5411450.3
L3720.0	503720.4	5411449.9	80074.50000	334.73	0	48.856004	-86.949281	56270.13	56247.8	2.16	56272.29	56272.53906	56336.90653	56322.20313	503720.4	5411449.9
L3720.0	503720.4	5411449.6	80074.60156	336.93	0	48.856002	-86.949281	56269.72	56247.8	2.16	56271.88	56272.15625	56328.88195	56314.64453	503720.4	5411449.6
L3720.0	503720.4	5411449.6	80074.70313	336.93	0	48.856002	-86.949281	56269.31	56247.8	2.16	56271.47	56271.76953	56320.98741	56307.21484	503720.4	5411449.6
L3720.0	503720.4	5411449.3	80074.79688	336.16	0	48.855999	-86.949281	56269.13	56247.8	2.16	56271.29	56271.61328	56319.68162	56306.37109	503720.4	5411449.3
L3720.0	503720.4	5411449.1	80074.89844	336.63	0	48.855997	-86.949281	56268.98	56247.8	2.16	56271.14	56271.48828	56319.39346	56306.54297	503720.4	5411449.1
L3720.0	503720.4	5411449.1	80075.00000	336.24	0	48.855997	-86.949281	56268.42	56247.8	2.16	56270.58	56270.95313	56307.83759	56295.44141	503720.4	5411449.1
L3720.0	503720.4	5411448.7	80075.10156	336.75	0	48.855994	-86.949281	56268.12	56247.8	2.16	56270.28	56270.67969	56303.75900	56291.81641	503720.4	5411448.7
L3720.0	503720.5	5411448.4	80075.20313	334.91	0	48.855991	-86.949280	56267.98	56247.8	2.16	56270.14	56270.56250	56304.34766	56292.85547	503720.5	5411448.4
L3720.0	503720.5	5411448.1	80075.29688	335.72	0	48.855988	-86.949280	56267.77	56247.8	2.16	56269.93	56270.37500	56303.19636	56292.14844	503720.5	5411448.1
L3720.0	503720.6	5411447.8	80075.39844	334.54	0	48.855985	-86.949279	56267.56	56247.8	2.16	56269.72	56270.19141	56302.26201	56291.65625	503720.6	5411447.8
L3720.0	503720.6	5411447.8	80075.50000	331.60	0	48.855985	-86.949279	56267.25	56247.8	2.16	56269.41	56269.90234	56298.80012	56288.63281	503720.6	5411447.8
L3720.0	503720.6	5411447.3	80075.60156	332.72	0	48.855981	-86.949278	56266.70	56247.8	2.16	56268.86	56269.37500	56289.01918	56279.28516	503720.6	5411447.3
L3720.0	503720.7	5411446.8	80075.70313	332.72	0	48.855976	-86.949276	56265.94	56247.8	2.16	56268.10	56268.63672	56273.82690	56264.52344	503720.7	5411446.8
L3720.0	503720.8	5411446.3	80075.70313	333.25	0	48.855972	-86.949275	56265.76	56247.8	2.16	56267.92	56268.48047	56274.71946	56265.83984	503720.8	5411446.3
L3720.0	503720.8	5411446.3	80075.89844	334.16	0	48.855972	-86.949275	56265.28	56247.8	2.16	56267.44	56268.02344	56267.72380	56259.26172	503720.8	5411446.3
L3720.0	503721.0	5411445.8	80076.00000	329.58	0	48.855967	-86.949273	56264.94	56247.8	2.16	56267.10	56267.70313	56264.76747	56256.72266	503721.0	5411445.8
L3720.0	503721.1	5411445.3	80076.10156	327.14	0	48.855963	-86.949272	56264.72	56247.8	2.16	56266.88	56267.50391	56265.26402	56257.62891	503721.1	5411445.3
L3720.0	503721.1	5411445.3	80076.20313	329.54	0	48.855963	-86.949272	56264.46	56247.8	2.16	56266.62	56267.26563	56264.89996	56257.66797	503721.1	5411445.3
L3720.0	503721.2	5411444.8	80076.29688	330.90	0	48.855958	-86.949270	56264.48	56247.8	2.16	56266.63	56267.29688	56271.95396	56265.12109	503721.2	5411444.8
L3720.0	503721.3	5411444.2	80076.39844	332.05	0	48.855953	-86.949268	56264.41	56247.8	2.16	56266.57	56267.25391	56277.32908	56270.88672	503721.3	5411444.2
L3720.0	503721.3	5411444.2	80076.50000	332.75	0	48.855953	-86.949268	56264.13	56247.8	2.15	56266.28	56266.98438	56276.77879	56270.72656	503721.3	5411444.2
L3720.0	503721.5	5411443.6	80076.60156	332.34	0	48.855948	-86.949267	56263.52	56247.8	2.15	56265.67	56266.39453	56267.92122	56262.25000	503721.5	5411443.6
L3720.0	503721.5	5411443.6	80076.70313	332.34	0	48.855948	-86.949267	56263.83	56247.8	2.15	56265.98	56266.72266	56283.75150	56278.45703	503721.5	5411443.6
L3720.0	503721.7	5411442.4	80076.79688	331.45	0	48.855937	-86.949263	56263.87	56247.8	2.15	56266.02	56266.78125	56292.59880	56287.67188	503721.7	5411442.4
L3720.0	503721.7	5411442.4	80076.89844	333.13	0	48.855937	-86.949263	56263.39	56247.8	2.15	56265.54	56266.31641	56287.80195	56283.23438	503721.7	5411442.4
L3720.0	503721.8	5411441.9	80077.00000	332.79	0	48.855932	-86.949261	56262.88	56247.8	2.15	56265.03	56265.82422	56282.39224	56278.18359	503721.8	5411441.9
L3720.0	503721.9	5411441.3	80077.10156	334.71	0	48.855926	-86.949260	56261.81	56247.9	2.15	56263.96	56264.77344	56262.23954	56258.37891	503721.9	5411441.3
L3720.0	503721.9	5411441.3	80077.20313	333.09	0	48.855926	-86.949260	56261.34	56247.9	2.14	56263.49	56264.31641	56258.24435	56254.72656	503721.9	5411441.3
L3720.0	503722.0	5411440.7	80077.29688	334.45	0	48.855921	-86.949259	56261.29	56247.9	2.14	56263.43	56264.27344	56265.35429	56262.17188	503722.0	5411440.7
L3720.0	503722.1	5411440.1	80077.39844	335.38	0	48.855916	-86.949258	56260.69	56247.9	2.14	56262.83	56263.68750	56258.23132	56255.37891	503722.1	5411440.1
L3720.0	503722.1	5411439.5	80077.50000	335.74	0	48.855911	-86.949258	56259.73	56247.9	2.14	56261.87	56262.74219	56241.65827	56239.12500	503722.1	5411439.5
L3720.0	503722.1	5411439.5	80077.60156	333.15	0	48.855911	-86.949258	56259.31	56247.9	2.13	56261.44	56262.32422	56239.38078	56237.16406	503722.1	5411439.5
L3720.0	503722.2	5411438.7	80077.70313	334.28	0	48.855904	-86.949257	56259.00	56247.9	2.13	56261.13	56262.03125	56240.45724	56238.54688	503722.2	5411438.7
L3720.0	503722.2	5411438.2	80077.70313	334.28	0	48.855899	-86.949257	56258.96	56247.9	2.13	56261.09	56262.00391	56248.88938	56247.27734	503722.2	5411438.2
L3720.0	503722.2	5411437.4	80077.89844	333.45	0	48.855892	-86.949257	56258.46	56247.9	2.12	56260.59	56261.51563	56245.17099	56243.85156	503722.2	5411437.4
L3720.0	503722.2	5411437.4	80078.00000	334.28	0	48.855892	-86.949257	56258.46	56247.9	2.12	56260.58	56261.51563	56254.67639	56253.64063	503722.2	5411437.4
L3720.0	503722.2	5411437.4	80078.10156	332.85	0	48.855892	-86.949257	56258.29	56247.9	2.12	56260.41	56261.35547	56260.03281	56259.27734	503722.2	5411437.4
L3720.0	503722.1	5411436.7	80078.20313	331.44	0	48.855886	-86.949257	56258.18	56247.9	2.13	56260.31	56261.26563	56267.38507	56266.89844	503722.1	5411436.7
L3720.0	503722.1	5411436.0	80078.29688	331.03	0	48.855879	-86.949258	56257.72	56247.9	2.13	56259.85	56260.81641	56265.21224	56264.98828	503722.1	5411436.0

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L3720.0	503722.0	5411435.2	80078.39844	332.17	0	48.855872	-86.949259	56256.83	56247.9	2.13	56258.96	56259.93750	56251.58918	56251.61719	503722.0	5411435.2
L3720.0	503722.0	5411434.7	80078.50000	331.27	0	48.855867	-86.949259	56256.75	56247.9	2.14	56258.89	56259.87500	56260.06356	56260.33984	503722.0	5411434.7
L3720.0	503722.0	5411434.7	80078.60156	332.03	0	48.855867	-86.949259	56255.91	56247.9	2.14	56258.04	56259.03125	56247.62907	56248.14453	503722.0	5411434.7
L3720.0	503722.0	5411434.0	80078.70313	332.03	0	48.855861	-86.949260	56255.69	56247.9	2.14	56257.83	56258.82813	56252.50210	56253.25000	503722.0	5411434.0
L3720.0	503721.9	5411433.1	80078.79688	333.33	0	48.855853	-86.949261	56255.27	56247.9	2.14	56257.41	56258.41797	56251.77531	56252.74609	503721.9	5411433.1
L3720.0	503721.9	5411433.1	80078.89844	332.45	0	48.855853	-86.949261	56255.20	56247.9	2.15	56257.35	56258.36328	56260.86376	56262.05078	503721.9	5411433.1
L3720.0	503721.8	5411432.1	80079.00000	332.45	0	48.855844	-86.949262	56254.89	56247.8	2.15	56257.04	56258.05859	56263.23863	56264.63281	503721.8	5411432.1
L3720.0	503721.8	5411431.2	80079.10156	333.18	0	48.855836	-86.949262	56254.64	56247.9	2.15	56256.79	56257.81250	56267.28952	56268.88672	503721.8	5411431.2
L3720.0	503721.7	5411430.4	80079.20313	334.04	0	48.855829	-86.949263	56254.68	56247.9	2.15	56256.83	56257.85547	56279.28592	56281.07422	503721.7	5411430.4
L3720.0	503721.7	5411430.4	80079.29688	335.96	0	48.855829	-86.949263	56253.46	56247.9	2.15	56255.61	56256.64063	56256.91465	56258.88672	503721.7	5411430.4
L3720.0	503721.7	5411429.5	80079.39844	337.37	0	48.855821	-86.949264	56253.40	56247.9	2.15	56255.55	56256.58203	56266.20639	56268.35547	503721.7	5411429.5
L3720.0	503721.7	5411428.6	80079.50000	336.97	0	48.855813	-86.949264	56252.78	56247.9	2.15	56254.92	56255.95313	56259.90493	56262.22266	503721.7	5411428.6
L3720.0	503721.6	5411427.7	80079.60156	336.57	0	48.855805	-86.949264	56252.08	56247.9	2.14	56254.22	56255.25781	56251.65244	56254.13281	503721.6	5411427.7
L3720.0	503721.6	5411427.7	80079.70313	336.57	0	48.855805	-86.949264	56251.22	56247.9	2.14	56253.36	56254.39844	56238.97031	56241.60547	503721.6	5411427.7
L3720.0	503721.6	5411426.4	80079.70313	336.34	0	48.855793	-86.949265	56250.62	56247.9	2.14	56252.76	56253.79688	56233.36639	56236.14844	503721.6	5411426.4
L3720.0	503721.6	5411426.4	80079.89844	334.87	0	48.855793	-86.949265	56250.20	56247.9	2.14	56252.34	56253.37891	56232.64762	56235.56641	503721.6	5411426.4
L3720.0	503721.5	5411425.5	80080.00000	333.44	0	48.855784	-86.949266	56249.78	56247.9	2.14	56251.92	56252.95703	56231.86627	56234.91797	503721.5	5411425.5
L3720.0	503721.5	5411424.5	80080.10156	333.39	0	48.855776	-86.949266	56249.74	56247.9	2.14	56251.88	56252.91406	56241.43721	56244.61328	503721.5	5411424.5
L3720.0	503721.5	5411424.5	80080.20313	332.27	0	48.855776	-86.949266	56249.25	56247.9	2.13	56251.38	56252.41406	56238.30002	56241.59375	503721.5	5411424.5
L3720.0	503721.5	5411423.2	80080.29688	333.89	0	48.855764	-86.949267	56248.79	56247.9	2.13	56250.92	56251.94922	56236.16286	56239.56641	503721.5	5411423.2
L3720.0	503721.5	5411423.2	80080.39844	333.02	0	48.855764	-86.949267	56247.93	56247.9	2.13	56250.05	56251.07422	56222.67981	56226.18359	503721.5	5411423.2
L3720.0	503721.4	5411422.2	80080.50000	332.06	0	48.855755	-86.949267	56247.43	56247.9	2.13	56249.56	56250.58203	56219.50005	56223.09766	503721.4	5411422.2
L3720.0	503721.4	5411421.1	80080.60156	332.70	0	48.855745	-86.949267	56246.62	56247.9	2.12	56248.74	56249.75781	56207.15972	56210.84766	503721.4	5411421.1
L3720.0	503721.4	5411420.1	80080.70313	332.70	0	48.855736	-86.949268	56246.20	56247.9	2.12	56248.32	56249.33203	56205.63606	56209.40625	503721.4	5411420.1
L3720.0	503721.4	5411418.9	80080.79688	330.14	0	48.855726	-86.949268	56245.73	56247.9	2.12	56247.84	56248.84375	56202.32041	56206.16406	503721.4	5411418.9
L3720.0	503721.4	5411418.9	80080.89844	331.68	0	48.855726	-86.949268	56245.41	56247.9	2.11	56247.53	56248.52734	56203.48475	56207.39453	503721.4	5411418.9
L3720.0	503721.3	5411417.8	80081.00000	333.18	0	48.855715	-86.949268	56245.07	56247.9	2.11	56247.18	56248.17188	56203.37695	56207.34766	503721.3	5411417.8
L3720.0	503721.3	5411416.7	80081.10156	333.20	0	48.855706	-86.949269	56244.58	56247.9	2.11	56246.69	56247.67188	56199.25924	56203.28516	503721.3	5411416.7
L3720.0	503721.3	5411416.7	80081.20313	334.98	0	48.855706	-86.949269	56244.09	56247.9	2.11	56246.20	56247.17578	56194.93348	56199.00391	503721.3	5411416.7
L3720.0	503721.3	5411415.9	80081.29688	335.01	0	48.855699	-86.949269	56243.56	56247.9	2.11	56245.67	56246.63672	56189.29091	56193.40234	503721.3	5411415.9
L3720.0	503721.3	5411415.9	80081.39844	336.82	0	48.855699	-86.949269	56243.10	56247.9	2.11	56245.21	56246.16406	56185.30879	56189.45703	503721.3	5411415.9
L3720.0	503721.3	5411413.5	80081.50000	337.46	0	48.855677	-86.949270	56242.52	56247.9	2.11	56244.63	56245.57422	56177.80172	56181.97656	503721.3	5411413.5
L3720.0	503721.3	5411413.5	80081.60156	336.69	0	48.855677	-86.949270	56241.93	56247.9	2.11	56244.04	56244.97656	56169.75299	56173.95313	503721.3	5411413.5
L3720.0	503721.2	5411412.3	80081.70313	336.69	0	48.855666	-86.949270	56241.60	56247.9	2.11	56243.71	56244.63281	56168.52177	56172.73828	503721.2	5411412.3
L3720.0	503721.2	5411412.3	80081.70313	336.54	0	48.855666	-86.949270	56241.56	56247.9	2.11	56243.67	56244.58203	56174.94095	56179.16797	503721.2	5411412.3
L3720.0	503721.2	5411411.2	80081.89844	334.25	0	48.855656	-86.949270	56241.29	56247.9	2.11	56243.40	56244.30078	56174.80690	56179.03906	503721.2	5411411.2
L3720.0	503721.2	5411410.0	80082.00000	333.32	0	48.855645	-86.949271	56241.03	56247.9	2.11	56243.14	56244.02734	56174.65929	56178.89453	503721.2	5411410.0
L3720.0	503721.2	5411410.0	80082.10156	334.22	0	48.855645	-86.949271	56240.63	56247.9	2.11	56242.73	56243.60156	56170.12144	56174.35156	503721.2	5411410.0
L3720.0	503721.2	5411408.8	80082.20313	332.93	0	48.855635	-86.949271	56240.04	56247.9	2.11	56242.15	56243.00781	56160.63970	56164.85938	503721.2	5411408.8
L3720.0	503721.1	5411407.6	80082.29688	333.11	0	48.855624	-86.949271	56239.56	56247.9	2.11	56241.66	56242.50391	56153.33616	56157.53906	503721.1	5411407.6
L3720.0	503721.1	5411407.6	80082.39844	332.22	0	48.855624	-86.949271	56239.04	56247.9	2.11	56241.14	56241.96875	56144.92496	56149.10938	503721.1	5411407.6
L3720.0	503721.1	5411406.3	80082.50000	332.45	0	48.855612	-86.949271	56238.89	56247.9	2.10	56241.00	56241.81250	56146.61520	56150.77344	503721.1	5411406.3
L3720.0	503721.1	5411405.2	80082.60156	333.04	0	48.855602	-86.949272	56238.56	56247.9	2.10	56240.66	56241.45703	56142.53623	56146.66797	503721.1	5411405.2
L3720.0	503721.1	5411405.2	80082.70313	333.04	0	48.855602	-86.949272	56238.28	56247.9	2.10	56240.38	56241.16016	56139.78468	56143.88281	503721.1	5411405.2
L3720.0	503721.1	5411403.8	80082.79688	334.03	0	48.855590	-86.949272	56237.94	56247.9	2.10	56240.04	56240.80469	56135.07263	56139.13281	503721.1	5411403.8
L3720.0	503721.1	5411402.8	80082.89844	334.19	0	48.855580	-86.949272	56237.82	56247.9	2.10	56239.92	56240.66797	56136.00147	56140.01953	503721.1	5411402.8
L3720.0	503721.1	5411402.8	80083.00000	335.00	0	48.855580	-86.949272	56237.54	56247.9	2.10	56239.64	56240.37109	56132.21313	56136.18359	503721.1	5411402.8
L3720.0	503721.1	5411401.5	80083.10156	334.72	0	48.855569	-86.949272	56237.51	56247.9	2.10	56239.61	56240.32422	56134.81448	56138.73438	503721.1	5411401.5
L3720.0	503721.0	5411400.5	80083.20313	335.26	0	48.855560	-86.949273	56237.49	56247.9	2.10	56239.59	56240.28516	56137.27101	56141.14063	503721.0	5411400.5
L3720.0	503721.0	5411399.2	80083.29688	335.20	0	48.855548	-86.949273	56237.14	56247.9	2.10	56239.25	56239.92578	56130.67026	56134.48047	503721.0	5411399.2
L3720.0	503721.0	5411399.2	80083.39844	334.99	0	48.855548	-86.949273	56236.92	56247.9	2.10	56239.03	56239.68750	56126.89541	56130.64844	503721.0	5411399.2
L3720.0	503721.0	5411398.2	80083.50000	333.64	0	48.855539	-86.949273	56236.49	56247.9	2.11	56238.60	56239.23828	56117.04473	56120.73438	503721.0	5411398.2
L3720.0	503721.0	5411397.1	80083.60156	332.71	0	48.855529	-86.949273	56236.39	56247.9	2.11	56238.50	56239.11719	56115.66090	56119.28125	503721.0	5411397.1
L3720.0	503721.0	5411397.1	80083.70313	332.71	0	48.855529	-86.949273	56236.32	56247.9	2.11	56238.42	56239.01563	56114.38528	56117.93750	503721.0	5411397.1
L3720.0	503721.0	5411395.4	80083.70313	332.65	0	48.855514	-86.949273	56236.38	56247.9	2.11	56238.49	56239.06641	56116.72084	56120.20313	503721.0	5411395.4
L3720.0	503721.0	5411393.9	80083.79688	331.75	0	48.855501	-86.949273	56236.21	56247.9	2.11	56238.32	56238.87500	56112.18094	56115.58984	503721.0	5411393.9
L3720.0	503721.0	5411393.9	80084.00000	331.19	0	48.855501	-86.949273	56236.46	56247.9	2.11	56238.57	56239.10547	56118.52487	56121.85547	503721.0	5411393.9
L3720.0	503721.1	5411392.6	80084.10156	331.69	0	48.855489	-86.949273	56236.46	56247.9	2.11	56238.57	56239.08594	56117.73037	56120.98438	503721.1	5411392.6
L3720.0	503721.1	5411391.3	80084.20313	331.23	0	48.855477	-86.949272	56236.49	56247.9	2.11	56238.60	56239.09375	56117.31813	56120.49219	503721.1	5411391.3
L3720.0	503721.1	5411391.3	80084.29688	331.92	0	48.855477	-86.949272	56236.21	56247.9	2.10	56238.32	56238.79297	56108.15236	56111.24219	503721.1	5411391.3
L3720.0	503721.1	5411390.3	80084.39844	332.96	0	48.855468	-86.949272	56236.07	56247.9	2.10	56238.18	56238.62891	56102.30710	56105.31641	503721.1	5411390.3
L3720.0	503721.1	5411389.0	80084.50000	333.33	0	48.855456	-86.949272	56236.26	56247.9	2.10	56238.36	56238.78906	56104.59378	56107.51563	503721.1	5411389.0
L3720.0	503721.1	5411387.8	80084.60156	332.39	0	48.855446	-86.949272	56236.49	56247.9	2.10	56238.59	56238.99609	56107.75786	56110.59375	503721.1	5411387.8
L3720.0	503721.1	5411387.8	80084.70313	332.39	0	48.855446	-86.949272	56236.64	56247.9	2.10	56238.74	56239.12500	56108.30844	56111.05469	503721.1	5411387.8
L3720.0	503721.1	5411386.7	80084.79688	334.16	0	48.855436	-86.949272	56236.51	56247.9	2.09	56238.60	56238.96094	56100.60200	56103.26172	503721.1	5411386.7
L3720.0	503721.1	5411385.4	80084.89844	334.02	0	48.855424	-86.949273	56237.03	56247.9	2.09	56239.12	56239.45703	56110.14034	56112.70703	503721.1	5411385.4
L3720.0	503721.1	5411385.4	80085.00000	334.39	0	48.855424	-86.949273	56237.06	56247.9	2.09	56239.14	56239.45703	56105.78627	56108.26172	503721.1	5411385.4
L3720.0	503721.0	5411383.8	80085.10156	334.23	0	48.855410	-86.949273	56237.36	56247.9	2.09	56239.45	56239.74219	56108.78495	56111.16797	503721.0	5411383.8
L3720.0	503721.0	5411383.8	80085.20313	333.57	0	48.855410	-86.949273	56237.36	56247.9	2.09	56239.45	56239.71875	56103.01240	56105.30469	503721.0	5411383.8
L3720.0	503721.0	5411382.7	80085.29688	334.82	0	48.855400	-86.949273	56237.99	56247.9	2.09	56240.08	56240.32813	56113.80256	56116.00391	503721.0	5411382.7
L3720.0	503721.0	5411381.4	80085.39844	333.78	0	48.855388	-86.949273	56238.16	56247.9	2.09	56240.25	56240.47656	56111.80481	56113.91016	503721.0	5411381.4
L3720.0	503721.0	5411380.4	80085.50000	333.78	0	48.855379	-86.949273	56238.02	56247.9	2.09	56240.11	56240.31250	56101.06841	56103.08203	503721.0	5411380.4
L3720.0	503721.0	5411379.2	80085.60156	333.68	0	48.855368	-86.949273	56238.28	56247.9	2.09	56240.37	56240.55078	56100.75406	56102.67188	503721.0	5411379.2
L3720.0	503721.0	5411379.2	80085.70313	333.10	0	48.855368	-86.949273	56238.22	56247.9	2.09	56240.31	56240.46484	56091.46488	56093.28906	503721.0	5411379.2
L3720.0	503721.0	5411377.7	80085.70313	331.86	0	48.855355	-86.949273	56239.05	56247.9	2.09	56241.14	56241.27344	56105.78533	56107.51953	503721.0	5411377.7
L3720.0	503721.0	5411377.7	80085.79688	331.85	0	48.855355	-86.949273	56239.39	56247.9	2.09	56241.48	56241.58984	56106.56429	56108.20313	503721.0	5411377.7
L3720.0	503721.0	5411375.3	80086.00000	330.90	0	48.855333	-86.949273	56240.60	56247.9	2.09	56242.69	56242.77734	56130.28358	56131.82813	503721.0	5411375.3
L3720.0	503721.0	5411375.3	80086.10156	331.70	0	48.855333	-86.949273	56240.81	56247.9	2.09	56242.90	56242.96484	56126.82443	56128.27734	503721.0	5411375.3
L3720.0	503721.0	5411373.8	80086.20313	331.96	0	48.855319	-86.949273	56241.64	56247.9	2.09	56243.73	56243.77344	56139.52596	56140.88672	503721.0	5411373.8
L3720.0	503721.0	5411373.8	80086.29688	332.69	0	48.855319	-86.949273	56241.32	56247.9	2.08	56243.40	56243.41797	56121.00435	56122.27344	503721.0	5411373.8
L3720.0	503721.0	5411372.1	80086.39844	332.66	0	48.855305	-86.949273	56241.66	56247.9	2.08	56243.75	56243.74609	56120.20217	56121.38281	503721.0	5411372.1
L3720.0	503721.0	5411370.9	80086.50000	333.11	0	48.855294	-86.949273	56242.41	56247.9	2.08	56244.49	56244.46484	56129.29626	56130.38672	503721.0	5411370.9
L3720.0	503721.0	5411370.9	80086.60156	332.13	0	48.855294	-86.949273	56242.95	56247.9	2.08	56245.02	56244.97266	56132.42562	56133.42578	503721.0	5411370.9
L3720.0	503721.0	5411369.7	80086.70313	332.13	0	48.855282	-86.949273	56244.12	56247.9	2.08	56246.20	56246.12891	56152.16658	56153.07813	503721.0	5411369.7
L3720.0	503721.0	5411368.3	80086.79688	332.54	0	48.855270	-86.949273	56244.54	56247.9	2.07	56246.61	56246.51953	56151.29665	56152.12109	503721.0	5411368.3
L3720.0	503721.0	5411368.3	80086.89844	332.51	0	48.855270	-86.949273	56245.45	56247.9	2.07	56247.52	56247.40625	56163.07254	56163.81250	503721.0	5411368.3
L3720.0	503721.0	5411366.6	80087.00000	333.15	0	48.855255	-86.949273	56245.66	56247.9	2.07	56247.73	56247.59766	56156.20008	56156.85547	503721.0	5411366.6
L3720.0	503721.1	5411365.4	80087.10156	331.75	0	48.855244	-86.949273	56246.36	56247.9	2.07	56248.43	56248.27344	56161.69115	56162.26172	503721.1	5411365.4
L3720.0	503721.1	5411365.4	80087.20313	331.90	0	48.855244	-86.949273	56246.59	56247.9	2.07	56248.66	56248.48438	56154.57410	56155.06250	503721.1	5411365.4
L3720.0	503721.1	5411363.9	80087.29688	331.50	0	48.855230	-86.949273	56247.44	56247.9	2.06	56249.50	56249.30469	56162.92592	56163.33203	503721.1	5411363.9
L3720.0	503721.1	5411362.4	80087.39844	330.19	0	48.855217	-86.949273	56248.03	56247.9	2.06	56250.09	56249.87109	56164.41330	56164.73828	503721.1	5411362.4
L3720.0	503721.1	5411362.4	80087.50000	330.19	0	48.855217	-86.949273	56248.48	56247.9	2.06	56250.54	56250.30469	56161.89337	56162.14063	503721.1	5411362.4
L3720.0	503721.1	5411360.9	80087.60156	330.61	0	48.855204	-86.949273	56249.48	56247.9	2.06	56251.54	56251.28125	56173.36639	56173.53516	503721.1	5411360.9

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L3720.0	503721.1	5411359.4	80087.70313	330.61	0	48.855190	-86.949273	56249.91	56247.9	2.06	56251.96	56251.68359	56169.38374	56169.47656	503721.1	5411359.4
L3720.0	503721.1	5411359.4	80087.70313	330.11	0	48.855190	-86.949273	56250.91	56247.9	2.06	56252.97	56252.67578	56180.53933	56180.55859	503721.1	5411359.4
L3720.0	503721.1	5411358.0	80087.79688	331.55	0	48.855178	-86.949273	56251.29	56247.9	2.05	56253.35	56253.03516	56174.88048	56174.82422	503721.1	5411358.0
L3720.0	503721.1	5411356.6	80088.00000	332.25	0	48.855165	-86.949273	56252.31	56247.9	2.05	56254.36	56254.02734	56185.53099	56185.40625	503721.1	5411356.6
L3720.0	503721.1	5411356.6	80088.10156	331.59	0	48.855165	-86.949273	56252.90	56247.9	2.05	56254.95	56254.59766	56184.85644	56184.66016	503721.1	5411356.6
L3720.0	503721.1	5411355.4	80088.20313	331.59	0	48.855154	-86.949273	56253.90	56247.9	2.05	56255.95	56255.58203	56194.81823	56194.55078	503721.1	5411355.4
L3720.0	503721.1	5411353.8	80088.29688	332.72	0	48.855140	-86.949273	56254.66	56247.9	2.06	56256.72	56256.33203	56198.47209	56198.14063	503721.1	5411353.8
L3720.0	503721.1	5411352.7	80088.39844	333.04	0	48.855130	-86.949273	56255.35	56247.9	2.06	56257.41	56257.00781	56199.78367	56199.38672	503721.1	5411352.7
L3720.0	503721.1	5411352.7	80088.50000	335.43	0	48.855130	-86.949273	56256.12	56247.9	2.06	56258.18	56257.76172	56203.03499	56202.57031	503721.1	5411352.7
L3720.0	503721.1	5411351.4	80088.60156	334.84	0	48.855119	-86.949273	56256.92	56247.9	2.06	56258.98	56258.54297	56206.90818	56206.38281	503721.1	5411351.4
L3720.0	503721.1	5411350.2	80088.70313	334.84	0	48.855107	-86.949273	56257.81	56247.9	2.06	56259.87	56259.41797	56213.03288	56212.44531	503721.1	5411350.2
L3720.0	503721.1	5411348.9	80088.79688	335.91	0	48.855095	-86.949273	56258.28	56247.9	2.07	56260.34	56259.87109	56207.66989	56207.02344	503721.1	5411348.9
L3720.0	503721.1	5411347.5	80088.89844	334.56	0	48.855083	-86.949273	56259.23	56247.9	2.07	56261.30	56260.81641	56215.36051	56214.65625	503721.1	5411347.5
L3720.0	503721.1	5411347.5	80089.00000	335.22	0	48.855083	-86.949273	56259.96	56247.9	2.07	56262.03	56261.53125	56216.69208	56215.92969	503721.1	5411347.5
L3720.0	503721.0	5411346.0	80089.10156	335.22	0	48.855069	-86.949273	56261.09	56247.9	2.07	56263.16	56262.64844	56228.69259	56227.87500	503721.0	5411346.0
L3720.0	503721.0	5411344.4	80089.20313	333.79	0	48.855056	-86.949273	56261.52	56247.9	2.07	56263.59	56263.06641	56221.63383	56220.76563	503721.0	5411344.4
L3720.0	503721.0	5411344.4	80089.29688	332.32	0	48.855056	-86.949273	56262.55	56247.9	2.07	56264.61	56264.07031	56230.38693	56229.46484	503721.0	5411344.4
L3720.0	503721.0	5411343.2	80089.39844	332.84	0	48.855045	-86.949273	56263.31	56247.9	2.07	56265.38	56264.82813	56232.25572	56231.28516	503721.0	5411343.2
L3720.0	503721.0	5411341.7	80089.50000	331.79	0	48.855031	-86.949273	56264.18	56247.9	2.07	56266.25	56265.68750	56236.69770	56235.67969	503721.0	5411341.7
L3720.0	503721.0	5411341.7	80089.60156	332.48	0	48.855031	-86.949273	56264.85	56247.9	2.06	56266.91	56266.33594	56235.36636	56234.30078	503721.0	5411341.7
L3720.0	503721.0	5411340.2	80089.60156	332.48	0	48.855018	-86.949273	56265.69	56247.9	2.06	56267.75	56267.16406	56238.77419	56237.66016	503721.0	5411340.2
L3720.0	503721.0	5411340.2	80089.70313	332.96	0	48.855018	-86.949273	56266.66	56247.9	2.06	56268.72	56268.12500	56245.56566	56244.41016	503721.0	5411340.2
L3720.0	503721.0	5411338.6	80089.79688	333.07	0	48.855003	-86.949273	56267.50	56247.9	2.06	56269.56	56268.95313	56248.76701	56247.56641	503721.0	5411338.6
L3720.0	503721.0	5411337.3	80090.00000	331.44	0	48.854991	-86.949274	56268.23	56247.9	2.06	56270.29	56269.67578	56248.93600	56247.69531	503721.0	5411337.3
L3720.0	503721.0	5411335.8	80090.00000	331.44	0	48.854978	-86.949274	56268.90	56247.9	2.06	56270.96	56270.33594	56247.42675	56246.14844	503721.0	5411335.8
L3720.0	503721.0	5411335.8	80090.20313	330.92	0	48.854978	-86.949274	56269.65	56247.9	2.06	56271.71	56271.07813	56247.99193	56246.67578	503721.0	5411335.8
L3720.0	503721.0	5411334.3	80090.29688	332.82	0	48.854965	-86.949274	56270.40	56247.9	2.06	56272.46	56271.82031	56248.49865	56247.14453	503721.0	5411334.3
L3720.0	503721.0	5411334.3	80090.39844	332.82	0	48.854965	-86.949274	56271.50	56247.9	2.06	56273.56	56272.91016	56258.31770	56256.92578	503721.0	5411334.3
L3720.0	503721.0	5411333.3	80090.50000	332.09	0	48.854955	-86.949274	56272.66	56247.9	2.06	56274.72	56274.06641	56269.71705	56268.29297	503721.0	5411333.3
L3720.0	503721.0	5411331.7	80090.60156	333.09	0	48.854941	-86.949274	56273.79	56247.9	2.05	56275.85	56275.18750	56280.31158	56278.85547	503721.0	5411331.7
L3720.0	503721.0	5411330.1	80090.70313	336.00	0	48.854927	-86.949274	56274.52	56247.9	2.05	56276.58	56275.91406	56280.18341	56278.69531	503721.0	5411330.1
L3720.0	503721.0	5411328.8	80090.79688	336.79	0	48.854915	-86.949274	56275.10	56247.9	2.05	56277.15	56276.47656	56275.74430	56274.22656	503721.0	5411328.8
L3720.0	503721.0	5411328.8	80090.89844	335.29	0	48.854915	-86.949274	56276.09	56247.9	2.05	56278.14	56277.46484	56282.61252	56281.06641	503721.0	5411328.8
L3720.0	503721.0	5411327.2	80091.00000	335.80	0	48.854901	-86.949274	56276.76	56247.9	2.05	56278.81	56278.12891	56280.87351	56279.30078	503721.0	5411327.2
L3720.0	503721.0	5411327.2	80091.10156	335.62	0	48.854901	-86.949274	56277.58	56248	2.05	56279.63	56278.94531	56283.20751	56281.60938	503721.0	5411327.2
L3720.0	503721.0	5411323.9	80091.20313	335.26	0	48.854871	-86.949274	56278.25	56248	2.05	56280.29	56279.60156	56281.23349	56279.61328	503721.0	5411323.9
L3720.0	503721.0	5411323.9	80091.29688	334.69	0	48.854871	-86.949274	56279.28	56248	2.04	56281.33	56280.64063	56289.62221	56287.97656	503721.0	5411323.9
L3720.0	503721.0	5411323.9	80091.39844	332.95	0	48.854871	-86.949274	56279.98	56248	2.04	56282.02	56281.32813	56288.54331	56286.87891	503721.0	5411323.9
L3720.0	503721.0	5411322.1	80091.50000	332.56	0	48.854854	-86.949274	56281.06	56248	2.04	56283.10	56282.41016	56298.14409	56296.45703	503721.0	5411322.1
L3720.0	503721.0	5411320.8	80091.60156	332.56	0	48.854843	-86.949274	56281.78	56248	2.04	56283.82	56283.12891	56297.98592	56296.28125	503721.0	5411320.8
L3720.0	503721.0	5411320.8	80091.70313	333.28	0	48.854843	-86.949274	56282.45	56248	2.04	56284.49	56283.79688	56296.52094	56294.80078	503721.0	5411320.8
L3720.0	503721.0	5411318.8	80091.70313	334.18	0	48.854825	-86.949274	56283.17	56248	2.04	56285.20	56284.50781	56296.21311	56294.47656	503721.0	5411318.8
L3720.0	503721.0	5411317.3	80091.79688	333.98	0	48.854811	-86.949274	56283.81	56248	2.03	56285.85	56285.16016	56294.34823	56292.59375	503721.0	5411317.3
L3720.0	503721.0	5411315.9	80092.00000	334.26	0	48.854799	-86.949274	56284.54	56248	2.03	56286.57	56285.88281	56294.47133	56292.70313	503721.0	5411315.9
L3720.0	503721.0	5411315.9	80092.10156	334.38	0	48.854799	-86.949274	56285.21	56248	2.03	56287.24	56286.55469	56293.33300	56291.55469	503721.0	5411315.9
L3720.0	503721.0	5411314.4	80092.20313	335.70	0	48.854785	-86.949274	56286.20	56248	2.03	56288.24	56287.55859	56301.16096	56299.37109	503721.0	5411314.4
L3720.0	503721.0	5411313.3	80092.29688	335.70	0	48.854775	-86.949274	56286.94	56248	2.03	56288.97	56288.29297	56301.79244	56299.99219	503721.0	5411313.3
L3720.0	503721.0	5411313.3	80092.39844	334.80	0	48.854775	-86.949274	56287.61	56248	2.03	56289.65	56288.97656	56301.19451	56299.38281	503721.0	5411313.3
L3720.0	503721.0	5411311.6	80092.50000	333.60	0	48.854760	-86.949275	56288.38	56248	2.03	56290.41	56289.74219	56302.81985	56301.00391	503721.0	5411311.6
L3720.0	503721.0	5411310.5	80092.60156	332.75	0	48.854750	-86.949275	56288.93	56248	2.04	56290.97	56290.30469	56299.33180	56297.50781	503721.0	5411310.5
L3720.0	503721.0	5411310.5	80092.70313	332.75	0	48.854750	-86.949275	56289.80	56248	2.04	56291.83	56291.17188	56303.77469	56301.94531	503721.0	5411310.5
L3720.0	503721.0	5411308.9	80092.79688	332.12	0	48.854735	-86.949275	56290.65	56248	2.04	56292.69	56292.03906	56308.27444	56306.44141	503721.0	5411308.9
L3720.0	503721.0	5411307.2	80092.89844	331.95	0	48.854720	-86.949275	56291.41	56248	2.04	56293.45	56292.80469	56310.30174	56308.46484	503721.0	5411307.2
L3720.0	503721.0	5411307.2	80093.00000	329.81	0	48.854720	-86.949275	56291.92	56248	2.04	56293.96	56293.32422	56306.15293	56304.31250	503721.0	5411307.2
L3720.0	503721.0	5411305.3	80093.10156	330.82	0	48.854704	-86.949275	56292.82	56248	2.04	56294.86	56294.23047	56311.96025	56310.12109	503721.0	5411305.3
L3720.0	503721.0	5411304.1	80093.20313	330.82	0	48.854693	-86.949275	56293.52	56248	2.04	56295.56	56294.94141	56312.88450	56311.04297	503721.0	5411304.1
L3720.0	503721.0	5411302.8	80093.29688	330.10	0	48.854681	-86.949275	56294.29	56248	2.03	56296.33	56295.71875	56315.69356	56313.85156	503721.0	5411302.8
L3720.0	503721.0	5411302.8	80093.39844	328.61	0	48.854681	-86.949275	56294.90	56248	2.03	56296.93	56296.33203	56314.46612	56312.62500	503721.0	5411302.8
L3720.0	503721.0	5411301.6	80093.50000	327.51	0	48.854670	-86.949274	56295.52	56248	2.03	56297.55	56296.96094	56313.90920	56312.07031	503721.0	5411301.6
L3720.0	503721.0	5411299.6	80093.60156	325.86	0	48.854652	-86.949274	56296.13	56248	2.03	56298.16	56297.58203	56313.28034	56311.44531	503721.0	5411299.6
L3720.0	503721.0	5411299.6	80093.70313	325.86	0	48.854652	-86.949274	56296.82	56248	2.03	56298.85	56298.28516	56314.79186	56312.96094	503721.0	5411299.6
L3720.0	503721.0	5411298.1	80093.70313	325.79	0	48.854639	-86.949274	56297.54	56248	2.03	56299.56	56299.00391	56316.97877	56315.15234	503721.0	5411298.1
L3720.0	503721.0	5411296.6	80093.79688	327.05	0	48.854625	-86.949274	56298.08	56248	2.02	56300.10	56299.55859	56315.14190	56313.32031	503721.0	5411296.6
L3720.0	503721.0	5411295.1	80094.00000	328.50	0	48.854611	-86.949274	56298.50	56248	2.02	56300.52	56299.99219	56310.45585	56308.64453	503721.0	5411295.1
L3720.0	503721.0	5411295.1	80094.10156	330.05	0	48.854611	-86.949274	56299.04	56248	2.02	56301.06	56300.54297	56308.88534	56307.08203	503721.0	5411295.1
L3720.0	503721.0	5411295.1	80094.20313	332.18	0	48.854611	-86.949274	56299.96	56248	2.02	56301.97	56301.46875	56316.85821	56315.06250	503721.0	5411295.1
L3720.0	503721.0	5411293.3	80094.29688	331.35	0	48.854596	-86.949274	56300.70	56248	2.02	56302.72	56302.23438	56321.04122	56319.25391	503721.0	5411293.3
L3720.0	503721.0	5411291.8	80094.39844	334.61	0	48.854582	-86.949274	56301.39	56248	2.02	56303.40	56302.92969	56323.65591	56321.87500	503721.0	5411291.8
L3720.0	503721.1	5411290.6	80094.50000	334.61	0	48.854572	-86.949273	56301.72	56248	2.01	56303.74	56303.28516	56317.55117	56315.78516	503721.1	5411290.6
L3720.0	503721.1	5411289.0	80094.60156	334.11	0	48.854557	-86.949273	56302.26	56248	2.01	56304.27	56303.82813	56316.51226	56314.75781	503721.1	5411289.0
L3720.0	503721.1	5411289.0	80094.70313	334.76	0	48.854557	-86.949273	56302.92	56248	2.01	56304.93	56304.50781	56319.09354	56317.34766	503721.1	5411289.0
L3720.0	503721.1	5411287.4	80094.79688	333.97	0	48.854542	-86.949273	56303.56	56248	2.01	56305.57	56305.16406	56321.33522	56319.60156	503721.1	5411287.4
L3720.0	503721.1	5411286.2	80094.89844	335.11	0	48.854531	-86.949273	56303.89	56248	2.01	56305.90	56305.51172	56315.29495	56313.57422	503721.1	5411286.2
L3720.0	503721.1	5411286.2	80095.00000	337.17	0	48.854531	-86.949273	56304.48	56248	2.01	56306.49	56306.11719	56316.46955	56314.76172	503721.1	5411286.2
L3720.0	503721.1	5411284.4	80095.10156	338.28	0	48.854515	-86.949273	56305.27	56248	2.01	56307.28	56306.92578	56323.33857	56321.64453	503721.1	5411284.4
L3720.0	503721.1	5411282.9	80095.20313	337.50	0	48.854502	-86.949273	56305.59	56248	2.01	56307.60	56307.26563	56317.38104	56315.70313	503721.1	5411282.9
L3720.0	503721.1	5411282.9	80095.29688	337.14	0	48.854502	-86.949273	56306.32	56248	2.01	56308.32	56308.00391	56322.65408	56320.98828	503721.1	5411282.9
L3720.0	503721.1	5411281.5	80095.39844	337.10	0	48.854489	-86.949273	56306.83	56248	2.01	56308.83	56308.53125	56322.26409	56320.61328	503721.1	5411281.5
L3720.0	503721.1	5411281.5	80095.50000	336.42	0	48.854489	-86.949273	56307.72	56248	2.00	56309.72	56309.44141	56332.54009	56330.90625	503721.1	5411281.5
L3720.0	503721.1	5411279.6	80095.60156	336.42	0	48.854473	-86.949272	56308.51	56248	2.00	56310.52	56310.26172	56340.43409	56338.81641	503721.1	5411279.6
L3720.0	503721.1	5411278.3	80095.70313	337.03	0	48.854460	-86.949272	56308.94	56248	2.00	56310.94	56310.70313	56338.00330	56336.40234	503721.1	5411278.3
L3720.0	503721.1	5411277.0	80095.70313	337.26	0	48.854448	-86.949272	56309.53	56248	2.00	56311.53	56311.31250	56340.40410	56338.81641	503721.1	5411277.0
L3720.0	503721.1	5411277.0	80095.79688	335.00	0	48.854448	-86.949272	56310.02	56248	2.00	56312.02	56311.82422	56340.24122	56338.67188	503721.1	5411277.0
L3720.0	503721.2	5411275.0	80096.00000	333.16	0	48.854431	-86.949272	56310.84	56248	2.00	56312.84	56312.66406	56349.18581	56347.63672	503721.2	5411275.0
L3720.0	503721.2	5411273.6	80096.10156	332.08	0	48.854418	-86.949272	56310.98	56248	2.00	56312.98	56312.82813	56339.92081	56338.38672	503721.2	5411273.6
L3720.0	503721.2	5411273.6	80096.20313	332.15	0	48.854418	-86.949272	56311.47	56248	2.00	56313.47	56313.33984	56340.30433	56338.78906	503721.2	5411273.6
L3720.0	503721.2	5411272.0	80096.29688	332.15	0	48.854404	-86.949272	56311.86	56248	2.00	56313.86	56313.75000	56338.19375	56336.69531	503721.2	5411272.0
L3720.0	503721.2	5411270.1	80096.39844	319.96	0	48.854387	-86.949272	56312.59	56248	2.00	56314.59	56314.50391	56345.33844	56343.85938	503721.2	5411270.1
L3720.0	503721.2	5411270.1	80096.50000	320.95	0	48.854387	-86.949272	56313.26	56248	2.00	56315.26	56315.19531	56351.02906	56349.56641	503721.2	5411270.1
L3720.0	503721.2	5411268.7	80096.60156	328.85	0	48.854374	-86.949272	56313.31	56248	2.00	56315.31	56315.26953	56340.43082	56338.98828	503721.2	5411268.7
L3720.0	503721.2	5411267.3	80096.70313	328.85	0	48.854362	-86.949271	56313.58	56248	2.00	56315.58	56315.56250	56335.87347	56334.44922	503721.2	5411267.3
L3720.0	503721.2	5411265.7	80096.79688	329.80	0	48.854347	-86.949271	56313.59	56248	2.00	56315.59	56315.59375	56324.62095	56323.21484	503721.2	5411265.7
L3720.0	503721.2	5411265.7	80096.89844	331.99	0	48.854347	-86.949271	56314.40	56248	2.00	56316.40	56316.42969	56334.70629	56333.31641	503721.2	5411265.7

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L3720.0	503721.3	5411264.4	80097.00000	331.99	0	48.854335	-86.949271	56314.56	56248	2.00	56316.56	56316.61328	56327.76164	56326.39453	503721.3	5411264.4
L3720.0	503721.3	5411262.1	80097.10156	334.54	0	48.854315	-86.949270	56315.24	56248	2.00	56317.24	56317.31641	56334.74048	56333.39063	503721.3	5411262.1
L3720.0	503721.3	5411262.1	80097.20313	334.24	0	48.854315	-86.949270	56316.02	56248	2.00	56318.01	56318.10938	56344.28658	56342.95703	503721.3	5411262.1
L3720.0	503721.3	5411260.9	80097.29688	335.77	0	48.854304	-86.949270	56317.06	56248	2.00	56319.06	56319.18359	56361.47068	56360.16016	503721.3	5411260.9
L3720.0	503721.3	5411259.2	80097.39844	335.75	0	48.854289	-86.949270	56317.29	56248	2.00	56319.28	56319.42578	56356.78069	56355.48828	503721.3	5411259.2
L3720.0	503721.3	5411259.2	80097.50000	335.70	0	48.854289	-86.949270	56316.96	56248	2.00	56318.95	56319.12109	56337.53384	56336.26172	503721.3	5411259.2
L3720.0	503721.3	5411257.8	80097.60156	335.04	0	48.854276	-86.949270	56317.39	56248	1.99	56319.39	56319.58594	56338.95210	56337.69922	503721.3	5411257.8
L3720.0	503721.4	5411256.0	80097.70313	333.24	0	48.854260	-86.949270	56317.90	56248	1.99	56319.89	56320.10938	56342.12992	56340.89453	503721.4	5411256.0
L3720.0	503721.4	5411256.0	80097.70313	333.08	0	48.854260	-86.949270	56318.88	56248	1.99	56320.87	56321.11328	56358.37101	56357.15234	503721.4	5411256.0
L3720.0	503721.4	5411254.6	80097.79688	332.80	0	48.854247	-86.949269	56319.18	56248	1.99	56321.17	56321.43750	56356.47787	56355.27734	503721.4	5411254.6
L3720.0	503721.4	5411253.2	80098.00000	333.72	0	48.854235	-86.949269	56319.51	56248	1.99	56321.50	56321.79297	56355.50738	56354.32813	503721.4	5411253.2
L3720.0	503721.4	5411251.7	80098.10156	332.56	0	48.854221	-86.949269	56319.59	56248	1.99	56321.58	56321.89844	56347.90219	56346.74219	503721.4	5411251.7
L3720.0	503721.4	5411251.7	80098.20313	332.14	0	48.854221	-86.949269	56319.99	56248	1.99	56321.98	56322.32422	56349.05216	56347.91016	503721.4	5411251.7
L3720.0	503721.5	5411249.7	80098.29688	330.68	0	48.854203	-86.949268	56320.38	56248	1.99	56322.37	56322.73828	56350.05399	56348.92969	503721.5	5411249.7
L3720.0	503721.5	5411249.7	80098.39844	333.17	0	48.854203	-86.949268	56320.98	56248	1.99	56322.98	56323.37109	56357.10956	56356.00391	503721.5	5411249.7
L3720.0	503721.5	5411246.6	80098.50000	332.16	0	48.854176	-86.949268	56321.25	56248	1.99	56323.24	56323.65625	56354.85677	56353.76953	503721.5	5411246.6
L3720.0	503721.5	5411246.6	80098.60156	332.63	0	48.854176	-86.949268	56321.57	56248	2.00	56323.57	56324.01172	56354.62351	56353.55469	503721.5	5411246.6
L3720.0	503721.5	5411245.0	80098.70313	332.63	0	48.854161	-86.949268	56321.81	56248	2.00	56323.81	56324.27734	56352.10755	56351.05859	503721.5	5411245.0
L3720.0	503721.5	5411245.0	80098.79688	332.96	0	48.854161	-86.949268	56322.14	56248	2.00	56324.14	56324.63281	56352.14872	56351.11328	503721.5	5411245.0
L3720.0	503721.5	5411243.9	80098.89844	334.16	0	48.854151	-86.949267	56322.65	56248	2.00	56324.65	56325.16406	56357.16182	56356.14453	503721.5	5411243.9
L3720.0	503721.6	5411242.2	80099.00000	334.64	0	48.854135	-86.949267	56322.80	56248	2.00	56324.80	56325.33984	56352.64516	56351.64844	503721.6	5411242.2
L3720.0	503721.6	5411240.9	80099.10156	334.48	0	48.854124	-86.949267	56323.16	56248	2.00	56325.16	56325.72266	56353.90144	56352.92188	503721.6	5411240.9
L3720.0	503721.6	5411240.9	80099.20313	334.48	0	48.854124	-86.949267	56323.41	56248	2.00	56325.41	56326.00000	56352.32743	56351.36328	503721.6	5411240.9
L3720.0	503721.6	5411238.9	80099.29688	333.18	0	48.854106	-86.949266	56323.83	56248	1.99	56325.82	56326.43359	56355.18062	56354.23438	503721.6	5411238.9
L3720.0	503721.6	5411237.3	80099.39844	333.62	0	48.854092	-86.949266	56324.20	56248	1.99	56326.20	56326.83594	56357.34625	56356.41797	503721.6	5411237.3
L3720.0	503721.6	5411237.3	80099.50000	332.22	0	48.854092	-86.949266	56324.56	56248	1.99	56326.55	56327.21094	56358.81677	56357.90625	503721.6	5411237.3
L3720.0	503721.6	5411235.4	80099.60156	332.22	0	48.854075	-86.949266	56324.91	56248	1.99	56326.90	56327.58203	56360.39543	56359.50000	503721.6	5411235.4
L3720.0	503721.7	5411234.0	80099.70313	332.65	0	48.854062	-86.949266	56325.23	56248	1.99	56327.21	56327.91797	56360.99559	56360.11719	503721.7	5411234.0
L3720.0	503721.7	5411234.0	80099.70313	333.41	0	48.854062	-86.949266	56325.25	56248	1.99	56327.24	56327.96875	56354.12905	56353.26563	503721.7	5411234.0
L3720.0	503721.7	5411232.6	80099.79688	333.89	0	48.854049	-86.949266	56325.54	56248	1.98	56327.52	56328.27344	56354.11396	56353.26953	503721.7	5411232.6
L3720.0	503721.7	5411230.9	80100.00000	334.05	0	48.854034	-86.949266	56325.94	56248	1.98	56327.92	56328.69531	56357.43220	56356.60547	503721.7	5411230.9
L3720.0	503721.7	5411229.2	80100.10156	334.07	0	48.854018	-86.949266	56326.07	56248	1.98	56328.04	56328.83984	56353.29462	56352.48047	503721.7	5411229.2
L3720.0	503721.7	5411229.2	80100.20313	334.07	0	48.854018	-86.949266	56326.55	56248	1.98	56328.53	56329.35156	56359.21215	56358.41406	503721.7	5411229.2
L3720.0	503721.7	5411227.9	80100.29688	334.57	0	48.854007	-86.949266	56326.84	56248	1.97	56328.81	56329.65234	56359.56514	56358.78125	503721.7	5411227.9
L3720.0	503721.6	5411226.1	80100.39844	335.00	0	48.853991	-86.949266	56327.16	56248	1.97	56329.14	56330.00391	56361.34901	56360.58203	503721.6	5411226.1
L3720.0	503721.6	5411226.1	80100.50000	333.41	0	48.853991	-86.949266	56327.01	56248	1.97	56328.98	56329.86719	56350.13629	56349.38672	503721.6	5411226.1
L3720.0	503721.6	5411224.4	80100.60156	332.88	0	48.853976	-86.949266	56327.27	56248	1.97	56329.24	56330.14844	56350.26081	56349.52734	503721.6	5411224.4
L3720.0	503721.6	5411224.4	80100.70313	333.26	0	48.853976	-86.949266	56327.37	56248	1.97	56329.33	56330.26172	56345.96545	56345.24609	503721.6	5411224.4
L3720.0	503721.6	5411222.5	80100.79688	332.97	0	48.853959	-86.949266	56327.60	56248	1.96	56329.57	56330.51953	56345.75955	56345.05078	503721.6	5411222.5
L3720.0	503721.6	5411220.8	80100.89844	332.44	0	48.853944	-86.949266	56327.86	56248	1.96	56329.82	56330.79297	56345.91176	56345.21875	503721.6	5411220.8
L3720.0	503721.6	5411219.4	80101.00000	332.01	0	48.853931	-86.949266	56327.91	56248	1.96	56329.87	56330.86328	56340.88995	56340.21484	503721.6	5411219.4
L3720.0	503721.6	5411219.4	80101.10156	331.43	0	48.853931	-86.949266	56328.56	56248	1.96	56330.52	56331.53125	56351.73843	56351.07422	503721.6	5411219.4
L3720.0	503721.6	5411217.6	80101.20313	331.43	0	48.853914	-86.949266	56329.01	56248	1.96	56330.97	56332.00391	56357.38275	56356.73438	503721.6	5411217.6
L3720.0	503721.6	5411217.6	80101.29688	332.21	0	48.853914	-86.949266	56329.38	56248	1.96	56331.34	56332.39063	56360.99999	56360.36328	503721.6	5411217.6
L3720.0	503721.6	5411216.1	80101.39844	332.55	0	48.853901	-86.949266	56329.43	56248	1.96	56331.39	56332.46094	56356.35226	56355.73047	503721.6	5411216.1
L3720.0	503721.6	5411214.7	80101.50000	331.41	0	48.853888	-86.949266	56329.54	56248	1.96	56331.50	56332.58984	56353.37435	56352.76563	503721.6	5411214.7
L3720.0	503721.6	5411214.7	80101.60156	330.07	0	48.853888	-86.949266	56329.77	56248	1.96	56331.73	56332.83984	56353.61072	56353.01563	503721.6	5411214.7
L3720.0	503721.6	5411212.8	80101.70313	330.85	0	48.853871	-86.949266	56329.82	56248	1.96	56331.78	56332.90625	56349.26483	56348.67969	503721.6	5411212.8
L3720.0	503721.6	5411211.4	80101.70313	329.75	0	48.853859	-86.949266	56329.77	56248	1.96	56331.73	56332.87500	56342.42274	56341.85156	503721.6	5411211.4
L3720.0	503721.6	5411210.0	80101.79688	330.25	0	48.853846	-86.949266	56329.59	56248	1.96	56331.55	56332.71094	56332.30945	56331.75000	503721.6	5411210.0
L3720.0	503721.6	5411208.8	80102.00000	330.96	0	48.853835	-86.949266	56329.77	56248	1.96	56331.73	56332.91016	56331.59625	56331.05078	503721.6	5411208.8
L3720.0	503721.6	5411208.8	80102.10156	331.09	0	48.853835	-86.949266	56330.38	56248	1.96	56332.34	56333.53516	56342.07233	56341.53906	503721.6	5411208.8
L3720.0	503721.6	5411207.2	80102.20313	332.07	0	48.853821	-86.949266	56330.84	56248	1.96	56332.80	56334.01172	56348.73827	56348.21484	503721.6	5411207.2
L3720.0	503721.6	5411205.8	80102.29688	333.30	0	48.853808	-86.949266	56331.27	56248	1.96	56333.23	56334.45703	56354.69970	56354.18750	503721.6	5411205.8
L3720.0	503721.6	5411205.8	80102.39844	333.66	0	48.853808	-86.949266	56331.32	56248	1.96	56333.28	56334.52344	56350.91203	56350.41406	503721.6	5411205.8
L3720.0	503721.6	5411203.8	80102.50000	333.00	0	48.853790	-86.949267	56331.20	56248	1.96	56333.16	56334.41797	56342.79814	56342.30859	503721.6	5411203.8
L3720.0	503721.6	5411202.3	80102.60156	333.15	0	48.853777	-86.949267	56331.48	56248	1.96	56333.44	56334.71094	56345.08903	56344.61328	503721.6	5411202.3
L3720.0	503721.6	5411202.3	80102.70313	332.20	0	48.853777	-86.949267	56331.68	56248	1.96	56333.64	56334.92578	56345.37668	56344.91016	503721.6	5411202.3
L3720.0	503721.6	5411200.9	80102.79688	332.30	0	48.853764	-86.949267	56331.98	56248	1.96	56333.94	56335.24219	56348.31385	56347.85547	503721.6	5411200.9
L3720.0	503721.6	5411199.3	80102.89844	331.44	0	48.853750	-86.949267	56332.04	56248	1.96	56334.00	56335.31250	56345.10241	56344.65625	503721.6	5411199.3
L3720.0	503721.6	5411199.3	80103.00000	329.98	0	48.853750	-86.949267	56332.55	56248	1.96	56334.51	56335.83594	56353.59728	56353.16016	503721.6	5411199.3
L3720.0	503721.6	5411198.2	80103.10156	328.21	0	48.853740	-86.949267	56332.75	56248	1.96	56334.71	56336.05078	56354.12818	56353.69922	503721.6	5411198.2
L3720.0	503721.5	5411196.8	80103.20313	328.37	0	48.853727	-86.949268	56332.78	56248	1.95	56334.74	56336.09375	56350.31341	56349.89063	503721.5	5411196.8
L3720.0	503721.5	5411195.1	80103.29688	328.52	0	48.853712	-86.949268	56333.01	56248	1.95	56334.96	56336.32422	56351.47646	56351.06250	503721.5	5411195.1
L3720.0	503721.5	5411195.1	80103.39844	330.33	0	48.853712	-86.949268	56333.27	56248.1	1.95	56335.21	56336.58594	56353.47527	56353.07031	503721.5	5411195.1
L3720.0	503721.5	5411193.8	80103.50000	330.81	0	48.853700	-86.949268	56333.65	56248.1	1.94	56335.59	56336.97656	56358.90738	56358.51172	503721.5	5411193.8
L3720.0	503721.5	5411192.2	80103.60156	331.73	0	48.853686	-86.949268	56333.54	56248.1	1.94	56335.48	56336.87500	56351.67310	56351.28516	503721.5	5411192.2
L3720.0	503721.5	5411190.6	80103.70313	333.50	0	48.853671	-86.949269	56333.83	56248.1	1.94	56335.77	56337.17578	56354.88256	56354.50000	503721.5	5411190.6
L3720.0	503721.5	5411190.6	80103.70313	333.16	0	48.853671	-86.949269	56333.63	56248.1	1.94	56335.56	56336.97656	56345.11990	56344.74219	503721.5	5411190.6
L3720.0	503721.5	5411189.4	80103.79688	334.32	0	48.853661	-86.949269	56333.80	56248.1	1.94	56335.74	56337.16406	56345.55602	56345.18750	503721.5	5411189.4
L3720.0	503721.5	5411187.8	80104.00000	332.68	0	48.853647	-86.949269	56333.95	56248.1	1.93	56335.88	56337.31250	56344.99278	56344.62891	503721.5	5411187.8
L3720.0	503721.5	5411186.4	80104.10156	331.47	0	48.853634	-86.949269	56334.31	56248.1	1.93	56336.24	56337.67969	56350.24334	56349.88281	503721.5	5411186.4
L3720.0	503721.5	5411186.4	80104.20313	330.76	0	48.853634	-86.949269	56334.23	56248.1	1.93	56336.17	56337.61719	56344.25099	56343.89453	503721.5	5411186.4
L3720.0	503721.4	5411184.6	80104.29688	330.62	0	48.853618	-86.949269	56334.44	56248.1	1.93	56336.37	56337.82422	56345.38887	56345.03516	503721.4	5411184.6
L3720.0	503721.4	5411182.9	80104.39844	331.27	0	48.853602	-86.949269	56334.59	56248.1	1.93	56336.52	56337.98047	56345.24859	56344.90234	503721.4	5411182.9
L3720.0	503721.4	5411182.9	80104.50000	331.86	0	48.853602	-86.949269	56334.77	56248.1	1.93	56336.70	56338.16797	56345.93952	56345.59375	503721.4	5411182.9
L3720.0	503721.4	5411181.2	80104.60156	332.61	0	48.853587	-86.949269	56334.77	56248.1	1.94	56336.71	56338.18359	56342.14620	56341.80469	503721.4	5411181.2
L3720.0	503721.4	5411179.5	80104.70313	332.36	0	48.853572	-86.949269	56334.92	56248.1	1.94	56336.86	56338.33984	56342.09854	56341.75781	503721.4	5411179.5
L3720.0	503721.4	5411179.5	80104.79688	334.31	0	48.853572	-86.949269	56335.28	56248.1	1.94	56337.22	56338.70313	56347.69895	56347.35938	503721.4	5411179.5
L3720.0	503721.4	5411178.4	80104.89844	333.47	0	48.853562	-86.949269	56335.38	56248.1	1.94	56337.32	56338.80859	56346.38422	56346.04688	503721.4	5411178.4
L3720.0	503721.4	5411177.0	80105.00000	334.43	0	48.853549	-86.949269	56335.67	56248.1	1.94	56337.61	56339.10156	56350.19783	56349.85938	503721.4	5411177.0
L3720.0	503721.4	5411175.2	80105.10156	334.29	0	48.853533	-86.949269	56335.82	56248.1	1.94	56337.76	56339.25391	56350.28085	56349.94141	503721.4	5411175.2
L3720.0	503721.4	5411175.2	80105.20313	334.25	0	48.853533	-86.949269	56336.48	56248.1	1.94	56338.42	56339.91797	56364.15777	56363.81250	503721.4	5411175.2
L3720.0	503721.4	5411173.6	80105.29688	334.30	0	48.853519	-86.949269	56336.31	56248.1	1.94	56338.25	56339.75000	56355.65320	56355.30859	503721.4	5411173.6
L3720.0	503721.4	5411172.0	80105.39844	333.90	0	48.853505	-86.949269	56336.27	56248.1	1.94	56338.22	56339.72266	56350.93066	56350.58203	503721.4	5411172.0
L3720.0	503721.4	5411170.4	80105.50000	333.80	0	48.853490	-86.949269	56336.23	56248.1	1.94	56338.17	56339.67578	56345.66945	56345.31641	503721.4	5411170.4
L3720.0	503721.4	5411170.4	80105.60156	333.18	0	48.853490	-86.949269	56336.58	56248.1	1.95	56338.53	56340.03516	56351.54713	56351.19141	503721.4	5411170.4
L3720.0	503721.5	5411168.5	80105.70313	333.10	0	48.853473	-86.949269	56336.99	56248.1	1.95	56338.93	56340.43359	56358.53622	56358.17188	503721.5	5411168.5
L3720.0	503721.5	5411168.5	80105.70313	333.94	0	48.853473	-86.949269	56336.91	56248.1	1.95	56338.86	56340.36328	56352.76628	56352.39453	503721.5	5411168.5
L3720.0	503721.5	5411167.0	80105.79688	333.44	0	48.853459	-86.949269	56337.24	56248.1	1.95	56339.19	56340.69531	56357.87983	56357.50391	503721.5	5411167.0
L3720.0	503721.4	5411165.1	80106.00000	334.46	0	48.853442	-86.949269	56337.12	56248.1	1.95	56339.07	56340.57422	56350.76816	56350.38281	503721.4	5411165.1
L3720.0	503721.4	5411163.9	80106.10156	333.57	0	48.853431	-86.949269	56337.58	56248.1	1.95	56339.53	56341.03125	56359.43042	56359.03516	503721.4	5411163.9
L3720.0	503721.4	5411163.9	80106.20313	333.07	0	48.853431	-86.949269	56337.63	56248.1	1.95	56339.57	56341.07031	56356.68680	56356.28125	503721.4	5411163.9

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L3720.0	503721.5	5411162.2	80106.29688	334.05	0	48.853416	-86.949269	56337.91	56248.1	1.94	56339.85	56341.34766	56360.46724	56360.05078	503721.5	5411162.2
L3720.0	503721.5	5411162.2	80106.39844	333.60	0	48.853416	-86.949269	56337.73	56248.1	1.94	56339.67	56341.16406	56351.77712	56351.34766	503721.5	5411162.2
L3720.0	503721.5	5411160.3	80106.50000	333.95	0	48.853399	-86.949269	56337.78	56248.1	1.94	56339.72	56341.21094	56349.33942	56348.89844	503721.5	5411160.3
L3720.0	503721.5	5411158.7	80106.60156	334.82	0	48.853385	-86.949269	56337.89	56248.1	1.94	56339.83	56341.31641	56348.53671	56348.08203	503721.5	5411158.7
L3720.0	503721.5	5411157.5	80106.70313	334.90	0	48.853374	-86.949269	56338.14	56248.1	1.94	56340.08	56341.56250	56351.52745	56351.05469	503721.5	5411157.5
L3720.0	503721.5	5411156.1	80106.79688	333.75	0	48.853362	-86.949269	56338.52	56248.1	1.93	56340.45	56341.92969	56357.76291	56357.27734	503721.5	5411156.1
L3720.0	503721.5	5411156.1	80106.89844	334.49	0	48.853362	-86.949269	56338.45	56248.1	1.93	56340.38	56341.85547	56352.11327	56351.60938	503721.5	5411156.1
L3720.0	503721.5	5411154.5	80107.00000	332.31	0	48.853347	-86.949269	56338.77	56248.1	1.93	56340.70	56342.16797	56357.00050	56356.48047	503721.5	5411154.5
L3720.0	503721.5	5411153.0	80107.10156	331.47	0	48.853334	-86.949269	56338.50	56248.1	1.93	56340.43	56341.89453	56345.96568	56345.42578	503721.5	5411153.0
L3720.0	503721.5	5411153.0	80107.20313	329.79	0	48.853334	-86.949269	56338.75	56248.1	1.93	56340.67	56342.12500	56348.69540	56348.13281	503721.5	5411153.0
L3720.0	503721.5	5411151.4	80107.29688	330.44	0	48.853319	-86.949269	56338.70	56248.1	1.93	56340.63	56342.07813	56343.87600	56343.29297	503721.5	5411151.4
L3720.0	503721.5	5411149.3	80107.39844	332.54	0	48.853300	-86.949269	56338.90	56248.1	1.93	56340.82	56342.26172	56345.25463	56344.65234	503721.5	5411149.3
L3720.0	503721.5	5411149.3	80107.50000	332.16	0	48.853300	-86.949269	56339.19	56248.1	1.92	56341.11	56342.54297	56349.31550	56348.69141	503721.5	5411149.3
L3720.0	503721.5	5411148.1	80107.60156	333.54	0	48.853289	-86.949269	56339.24	56248.1	1.92	56341.16	56342.58594	56346.91988	56346.26953	503721.5	5411148.1
L3720.0	503721.5	5411146.6	80107.70313	332.78	0	48.853276	-86.949269	56339.82	56248.1	1.92	56341.74	56343.15625	56358.71917	56358.04297	503721.5	5411146.6
L3720.0	503721.5	5411146.6	80107.70313	331.89	0	48.853276	-86.949269	56339.46	56248.1	1.92	56341.39	56342.80078	56345.61753	56344.91797	503721.5	5411146.6
L3720.0	503721.5	5411144.6	80107.79688	332.71	0	48.853258	-86.949269	56339.82	56248.1	1.92	56341.75	56343.14844	56351.48789	56350.76172	503721.5	5411144.6
L3720.0	503721.5	5411143.1	80108.00000	334.86	0	48.853244	-86.949269	56339.90	56248.1	1.92	56341.82	56343.21094	56349.62026	56348.86719	503721.5	5411143.1
L3720.0	503721.5	5411142.0	80108.10156	334.74	0	48.853234	-86.949269	56340.03	56248.1	1.92	56341.95	56343.32813	56349.34702	56348.56641	503721.5	5411142.0
L3720.0	503721.5	5411142.0	80108.20313	333.48	0	48.853234	-86.949269	56340.03	56248.1	1.92	56341.95	56343.32031	56345.64793	56344.83984	503721.5	5411142.0
L3720.0	503721.5	5411140.3	80108.29688	332.88	0	48.853219	-86.949269	56340.28	56248.1	1.92	56342.20	56343.55859	56348.53299	56347.69531	503721.5	5411140.3
L3720.0	503721.5	5411139.0	80108.39844	332.88	0	48.853208	-86.949269	56340.54	56248.1	1.92	56342.46	56343.80859	56351.65457	56350.78906	503721.5	5411139.0
L3720.0	503721.5	5411139.0	80108.50000	335.16	0	48.853208	-86.949269	56340.82	56248.1	1.92	56342.74	56344.07422	56355.27118	56354.37500	503721.5	5411139.0
L3720.0	503721.5	5411137.5	80108.60156	334.60	0	48.853194	-86.949268	56341.03	56248.1	1.92	56342.95	56344.27344	56357.04425	56356.11719	503721.5	5411137.5
L3720.0	503721.6	5411135.8	80108.70313	333.53	0	48.853178	-86.949268	56340.69	56248.1	1.92	56342.61	56343.92188	56344.58476	56343.62891	503721.6	5411135.8
L3720.0	503721.6	5411135.8	80108.79688	331.79	0	48.853178	-86.949268	56340.84	56248.1	1.92	56342.76	56344.05859	56344.83404	56343.84766	503721.6	5411135.8
L3720.0	503721.6	5411134.6	80108.89844	330.71	0	48.853167	-86.949268	56340.99	56248.1	1.92	56342.91	56344.19531	56345.08015	56344.06641	503721.6	5411134.6
L3720.0	503721.6	5411133.1	80109.00000	329.96	0	48.853154	-86.949268	56341.18	56248.1	1.92	56343.10	56344.37109	56346.34896	56345.30469	503721.6	5411133.1
L3720.0	503721.6	5411131.2	80109.10156	328.71	0	48.853137	-86.949267	56341.40	56248.1	1.92	56343.32	56344.57813	56348.37842	56347.30078	503721.6	5411131.2
L3720.0	503721.6	5411131.2	80109.20313	328.52	0	48.853137	-86.949267	56341.51	56248.1	1.92	56343.43	56344.67188	56347.59205	56346.48438	503721.6	5411131.2
L3720.0	503721.6	5411129.7	80109.29688	330.28	0	48.853124	-86.949267	56341.50	56248.1	1.91	56343.42	56344.64844	56343.75015	56342.61328	503721.6	5411129.7
L3720.0	503721.7	5411128.8	80109.39844	329.39	0	48.853115	-86.949267	56341.76	56248.1	1.91	56343.67	56344.88281	56346.53784	56345.37109	503721.7	5411128.8
L3720.0	503721.7	5411127.4	80109.50000	328.89	0	48.853103	-86.949266	56342.06	56248.1	1.91	56343.97	56345.16797	56350.59322	56349.39844	503721.7	5411127.4
L3720.0	503721.7	5411127.4	80109.60156	331.21	0	48.853103	-86.949266	56342.27	56248.1	1.91	56344.18	56345.36328	56352.35787	56351.13281	503721.7	5411127.4
L3720.0	503721.7	5411125.8	80109.70313	331.36	0	48.853088	-86.949266	56342.32	56248.1	1.91	56344.23	56345.39844	56350.05725	56348.80469	503721.7	5411125.8
L3720.0	503721.7	5411124.6	80109.70313	331.49	0	48.853078	-86.949266	56342.22	56248.1	1.91	56344.13	56345.28125	56343.94499	56342.66797	503721.7	5411124.6
L3720.0	503721.7	5411123.1	80109.79688	332.38	0	48.853065	-86.949266	56342.32	56248.1	1.90	56344.23	56345.36719	56342.91983	56341.61719	503721.7	5411123.1
L3720.0	503721.7	5411123.1	80110.00000	334.03	0	48.853065	-86.949266	56342.40	56248.1	1.90	56344.30	56345.42188	56341.13277	56339.80469	503721.7	5411123.1
L3720.0	503721.7	5411121.4	80110.10156	335.10	0	48.853049	-86.949266	56342.76	56248.1	1.90	56344.66	56345.76172	56346.73549	56345.38281	503721.7	5411121.4
L3720.0	503721.7	5411120.1	80110.20313	335.10	0	48.853037	-86.949266	56343.02	56248.1	1.90	56344.91	56345.99609	56349.54540	56348.17188	503721.7	5411120.1
L3720.0	503721.7	5411119.0	80110.29688	333.41	0	48.853028	-86.949266	56343.22	56248.1	1.89	56345.11	56346.17969	56351.08800	56349.69531	503721.7	5411119.0
L3720.0	503721.7	5411119.0	80110.39844	332.47	0	48.853028	-86.949266	56343.39	56248.1	1.89	56345.29	56346.34375	56352.12739	56350.71875	503721.7	5411119.0
L3720.0	503721.7	5411117.8	80110.50000	330.64	0	48.853016	-86.949266	56343.30	56248.1	1.89	56345.19	56346.22266	56346.03229	56344.60547	503721.7	5411117.8
L3720.0	503721.7	5411116.3	80110.60156	329.84	0	48.853003	-86.949266	56343.50	56248.1	1.89	56345.38	56346.39844	56347.34196	56345.90234	503721.7	5411116.3
L3720.0	503721.7	5411114.8	80110.70313	330.49	0	48.852990	-86.949266	56343.52	56248.1	1.89	56345.41	56346.41016	56344.58145	56343.12891	503721.7	5411114.8
L3720.0	503721.7	5411114.8	80110.79688	331.53	0	48.852990	-86.949266	56343.70	56248.1	1.88	56345.58	56346.55859	56345.40184	56343.94141	503721.7	5411114.8
L3720.0	503721.7	5411113.6	80110.89844	332.01	0	48.852979	-86.949266	56343.93	56248.1	1.88	56345.82	56346.78125	56348.01581	56346.55078	503721.7	5411113.6
L3720.0	503721.7	5411113.6	80111.00000	331.87	0	48.852979	-86.949266	56344.08	56248.1	1.88	56345.96	56346.90234	56348.09478	56346.62500	503721.7	5411113.6
L3720.0	503721.7	5411112.2	80111.10156	332.13	0	48.852966	-86.949266	56344.29	56248.1	1.88	56346.16	56347.08594	56349.71369	56348.24219	503721.7	5411112.2
L3720.0	503721.7	5411111.0	80111.20313	331.40	0	48.852956	-86.949266	56344.55	56248.1	1.88	56346.42	56347.32422	56352.87142	56351.40625	503721.7	5411111.0
L3720.0	503721.7	5411109.5	80111.29688	330.69	0	48.852942	-86.949266	56344.57	56248.1	1.88	56346.44	56347.32813	56349.94648	56348.48828	503721.7	5411109.5
L3720.0	503721.7	5411109.5	80111.39844	329.48	0	48.852942	-86.949266	56344.80	56248.1	1.88	56346.68	56347.54688	56352.63052	56351.18359	503721.7	5411109.5
L3720.0	503721.7	5411108.2	80111.50000	330.29	0	48.852931	-86.949266	56344.98	56248.1	1.88	56346.85	56347.69922	56353.55647	56352.12109	503721.7	5411108.2
L3720.0	503721.7	5411107.0	80111.60156	329.78	0	48.852919	-86.949266	56345.18	56248.1	1.87	56347.06	56347.89063	56355.52227	56354.10547	503721.7	5411107.0
L3720.0	503721.7	5411107.0	80111.70313	330.33	0	48.852919	-86.949266	56345.33	56248.1	1.87	56347.21	56348.01953	56355.98740	56354.59375	503721.7	5411107.0
L3720.0	503721.7	5411105.5	80111.70313	330.65	0	48.852906	-86.949266	56345.44	56248.1	1.87	56347.31	56348.10156	56355.20356	56353.83984	503721.7	5411105.5
L3720.0	503721.7	5411104.3	80111.79688	330.08	0	48.852895	-86.949266	56345.62	56248.1	1.87	56347.49	56348.26172	56356.48633	56355.15625	503721.7	5411104.3
L3720.0	503721.7	5411103.2	80112.00000	331.10	0	48.852885	-86.949267	56345.74	56248.1	1.87	56347.61	56348.36328	56356.26511	56354.96875	503721.7	5411103.2
L3720.0	503721.7	5411103.2	80112.10156	331.32	0	48.852885	-86.949267	56346.05	56248.1	1.87	56347.92	56348.65234	56360.94895	56359.69531	503721.7	5411103.2
L3720.0	503721.7	5411101.9	80112.20313	332.03	0	48.852874	-86.949267	56346.28	56248.1	1.87	56348.15	56348.86328	56363.63026	56362.42578	503721.7	5411101.9
L3720.0	503721.7	5411101.9	80112.29688	333.18	0	48.852874	-86.949267	56346.36	56248.1	1.87	56348.23	56348.92188	56362.48344	56361.33203	503721.7	5411101.9
L3720.0	503721.6	5411100.6	80112.39844	334.35	0	48.852862	-86.949267	56346.36	56248.1	1.87	56348.22	56348.89063	56359.02361	56357.93359	503721.6	5411100.6
L3720.0	503721.6	5411099.4	80112.50000	335.49	0	48.852851	-86.949267	56346.33	56248.1	1.87	56348.20	56348.85156	56355.30545	56354.27734	503721.6	5411099.4
L3720.0	503721.6	5411098.3	80112.60156	335.27	0	48.852841	-86.949267	56346.18	56248.1	1.86	56348.04	56348.67188	56347.92140	56346.96484	503721.6	5411098.3
L3720.0	503721.6	5411098.3	80112.70313	332.18	0	48.852841	-86.949267	56346.56	56248.1	1.86	56348.42	56349.03125	56354.69575	56353.81641	503721.6	5411098.3
L3720.0	503721.6	5411096.9	80112.79688	332.61	0	48.852829	-86.949267	56346.64	56248.1	1.86	56348.50	56349.09375	56353.63919	56352.84375	503721.6	5411096.9
L3720.0	503721.6	5411095.7	80112.89844	333.51	0	48.852818	-86.949267	56347.07	56248.1	1.86	56348.93	56349.50391	56361.88149	56361.17969	503721.6	5411095.7
L3720.0	503721.6	5411095.7	80113.00000	335.36	0	48.852818	-86.949267	56347.12	56248.1	1.86	56348.98	56349.53125	56360.10593	56359.50000	503721.6	5411095.7
L3720.0	503721.6	5411094.7	80113.10156	333.53	0	48.852809	-86.949267	56347.31	56248.1	1.86	56349.16	56349.69141	56361.81698	56361.31641	503721.6	5411094.7
L3720.0	503721.6	5411093.9	80113.20313	332.51	0	48.852801	-86.949267	56347.22	56248.1	1.86	56349.07	56349.58203	56356.33282	56355.94531	503721.6	5411093.9
L3720.0	503721.6	5411092.8	80113.29688	332.07	0	48.852792	-86.949268	56347.25	56248.1	1.85	56349.11	56349.60156	56354.33907	56354.07422	503721.6	5411092.8
L3720.0	503721.6	5411092.8	80113.39844	331.65	0	48.852792	-86.949268	56347.43	56248.1	1.85	56349.28	56349.75391	56355.86793	56355.73047	503721.6	5411092.8
L3720.0	503721.6	5411091.9	80113.50000	331.84	0	48.852783	-86.949268	56347.61	56248.2	1.85	56349.46	56349.91406	56357.70503	56357.70313	503721.6	5411091.9
L3720.0	503721.6	5411090.7	80113.60156	332.63	0	48.852773	-86.949268	56347.84	56248.2	1.85	56349.69	56350.12500	56360.93186	56361.07422	503721.6	5411090.7
L3720.0	503721.6	5411089.9	80113.70313	335.26	0	48.852765	-86.949268	56348.01	56248.2	1.85	56349.86	56350.27344	56362.57574	56362.87109	503721.6	5411089.9
L3720.0	503721.6	5411089.0	80113.70313	335.65	0	48.852758	-86.949268	56348.14	56248.2	1.85	56349.99	56350.38672	56363.17183	56363.63281	503721.6	5411089.0
L3720.0	503721.6	5411089.0	80113.79688	335.24	0	48.852758	-86.949268	56348.09	56248.2	1.84	56349.94	56350.31641	56358.92138	56359.55078	503721.6	5411089.0
L3720.0	503721.6	5411089.0	80114.00000	333.21	0	48.852758	-86.949268	56348.35	56248.2	1.84	56350.19	56350.54688	56362.83684	56363.64453	503721.6	5411089.0
L3720.0	503721.6	5411087.6	80114.10156	335.21	0	48.852745	-86.949268	56348.35	56248.2	1.84	56350.19	56350.52734	56360.00475	56361.00000	503721.6	5411087.6
L3720.0	503721.5	5411086.7	80114.20313	335.65	0	48.852737	-86.949269	56348.75	56248.2	1.84	56350.59	56350.91016	56368.06305	56369.25781	503721.5	5411086.7
L3720.0	503721.5	5411085.7	80114.29688	333.58	0	48.852728	-86.949269	56348.78	56248.2	1.83	56350.61	56350.91016	56365.83948	56367.24219	503721.5	5411085.7
L3720.0	503721.5	5411084.5	80114.39844	331.80	0	48.852718	-86.949269	56348.96	56248.2	1.83	56350.79	56351.07031	56367.99164	56369.61328	503721.5	5411084.5
L3720.0	503721.5	5411084.5	80114.50000	333.12	0	48.852718	-86.949269	56349.19	56248.2	1.83	56351.02	56351.28516	56371.53089	56373.37500	503721.5	5411084.5
L3720.0	503721.5	5411083.5	80114.60156	333.12	0	48.852708	-86.949270	56349.09	56248.2	1.83	56350.91	56351.15625	56365.87217	56367.95313	503721.5	5411083.5
L3720.0	503721.4	5411082.5	80114.70313	333.30	0	48.852699	-86.949270	56349.27	56248.2	1.83	56351.10	56351.32813	56368.38123	56370.70703	503721.4	5411082.5
L3720.0	503721.4	5411081.8	80114.79688	334.06	0	48.852692	-86.949271	56349.21	56248.2	1.82	56351.04	56351.25000	56364.14352	56366.72656	503721.4	5411081.8
L3720.0	503721.4	5411081.8	80114.89844	332.84	0	48.852692	-86.949271	56349.37	56248.2	1.82	56351.19	56351.37891	56365.62191	56368.47266	503721.4	5411081.8
L3720.0	503721.4	5411080.7	80115.00000	332.53	0	48.852683	-86.949271	56349.49	56248.2	1.82	56351.31	56351.48438	56366.31314	56369.43750	503721.4	5411080.7
L3720.0	503721.4	5411080.7	80115.10156	331.35	0	48.852683	-86.949271	56349.63	56248.2	1.82	56351.45	56351.60547	56367.56786	56370.98047	503721.4	5411080.7
L3720.0	503721.3	5411079.8	80115.20313	334.07	0	48.852675	-86.949272	56349.52	56248.2	1.82	56351.34	56351.47656	56362.12494	56365.83594	503721.3	5411079.8
L3720.0	503721.3	5411078.6	80115.29688	332.90	0	48.852664	-86.949272	56349.54	56248.2	1.82	56351.36	56351.48047	56360.22003	56364.23828	503721.3	5411078.6
L3720.0	503721.3	5411078.6	80115.39844	333.95	0	48.852664	-86.949272	56350.08	56248.2	1.82	56351.90	56352.00391	56372.27629	56376.61328	503721.3	5411078.6
L3720.0	503721.2	5411077.7	80115.50000	333.38	0	48.852656	-86.949273	56350.48	56248.2	1.82	56352.30	56352.38672	56380.57979	56385.24219	503721.2	5411077.7

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L3720.0	503721.2	5411077.1	80115.60156	334.38	0	48.852651	-86.949273	56350.36	56248.2	1.82	56352.18	56352.25000	56375.01014	56380.01172	503721.2	5411077.1
L3720.0	503721.2	5411076.4	80115.70313	333.49	0	48.852644	-86.949273	56350.39	56248.2	1.82	56352.21	56352.26563	56373.48987	56378.84375	503721.2	5411076.4
L3720.0	503721.2	5411076.4	80115.70313	332.91	0	48.852644	-86.949273	56350.42	56248.2	1.82	56352.24	56352.27734	56372.00611	56377.72266	503721.2	5411076.4
L3720.0	503721.2	5411075.3	80115.79688	333.34	0	48.852634	-86.949274	56350.39	56248.2	1.82	56352.21	56352.23047	56368.95342	56375.03906	503721.2	5411075.3
L3720.0	503721.2	5411075.3	80116.00000	333.67	0	48.852634	-86.949274	56350.54	56248.2	1.82	56352.36	56352.36719	56370.73739	56377.20703	503721.2	5411075.3
L3720.0	503721.2	5411074.4	80116.10156	332.45	0	48.852626	-86.949274	56350.62	56248.2	1.82	56352.44	56352.42969	56370.68262	56377.54297	503721.2	5411074.4
L3720.0	503721.2	5411074.4	80116.20313	331.37	0	48.852626	-86.949274	56350.62	56248.2	1.81	56352.43	56352.40625	56368.24062	56375.50391	503721.2	5411074.4
L3720.0	503721.2	5411072.9	80116.29688	332.14	0	48.852613	-86.949274	56350.59	56248.2	1.81	56352.40	56352.35938	56365.27198	56372.95313	503721.2	5411072.9
L3720.0	503721.2	5411072.9	80116.39844	331.11	0	48.852613	-86.949274	56350.54	56248.2	1.81	56352.35	56352.29688	56361.76468	56369.87109	503721.2	5411072.9
L3720.0	503721.2	5411072.2	80116.50000	331.69	0	48.852607	-86.949274	56350.82	56248.2	1.81	56352.63	56352.56250	56367.19512	56375.73828	503721.2	5411072.2
L3720.0	503721.2	5411072.2	80116.60156	331.64	0	48.852607	-86.949274	56351.18	56248.2	1.80	56352.98	56352.89844	56374.58951	56383.57813	503721.2	5411072.2
L3720.0	503721.2	5411071.4	80116.70313	333.24	0	48.852599	-86.949274	56351.36	56248.2	1.80	56353.16	56353.06250	56377.41237	56386.85938	503721.2	5411071.4
L3720.0	503721.2	5411070.8	80116.79688	332.67	0	48.852594	-86.949274	56351.03	56248.2	1.80	56352.82	56352.70703	56365.99129	56375.90625	503721.2	5411070.8
L3720.0	503721.2	5411070.2	80116.89844	334.23	0	48.852588	-86.949274	56350.88	56248.2	1.79	56352.67	56352.54297	56359.71624	56370.10938	503721.2	5411070.2
L3720.0	503721.2	5411070.2	80117.00000	335.06	0	48.852588	-86.949274	56351.16	56248.2	1.79	56352.95	56352.81250	56365.30167	56376.18359	503721.2	5411070.2
L3720.0	503721.2	5411069.6	80117.10156	336.32	0	48.852583	-86.949274	56351.06	56248.2	1.79	56352.84	56352.68750	56360.08819	56371.46875	503721.2	5411069.6
L3720.0	503721.2	5411068.8	80117.20313	335.44	0	48.852576	-86.949273	56351.46	56248.2	1.79	56353.25	56353.08594	56369.35053	56381.24219	503721.2	5411068.8
L3720.0	503721.2	5411068.3	80117.29688	335.25	0	48.852571	-86.949273	56351.46	56248.2	1.79	56353.24	56353.06250	56366.90924	56379.32031	503721.2	5411068.3
L3720.0	503721.2	5411068.3	80117.39844	337.11	0	48.852571	-86.949273	56351.38	56248.2	1.79	56353.17	56352.98047	56362.76076	56375.70313	503721.2	5411068.3
L3720.0	503721.2	5411067.6	80117.50000	337.74	0	48.852565	-86.949273	56351.41	56248.2	1.79	56353.20	56352.99609	56361.40013	56374.87891	503721.2	5411067.6
L3720.0	503721.2	5411067.0	80117.60156	337.30	0	48.852560	-86.949273	56351.41	56248.2	1.78	56353.19	56352.97266	56358.89809	56372.92578	503721.2	5411067.0
L3720.0	503721.2	5411067.0	80117.70313	336.35	0	48.852560	-86.949273	56351.77	56248.2	1.78	56353.55	56353.32422	56366.83812	56381.42578	503721.2	5411067.0
L3720.0	503721.2	5411066.5	80117.70313	336.70	0	48.852555	-86.949273	56352.02	56248.2	1.78	56353.80	56353.56250	56371.67696	56386.83203	503721.2	5411066.5
L3720.0	503721.2	5411065.8	80117.79688	335.50	0	48.852549	-86.949273	56351.79	56248.2	1.78	56353.57	56353.32031	56362.91905	56378.65234	503721.2	5411065.8
L3720.0	503721.2	5411065.3	80118.00000	335.44	0	48.852544	-86.949273	56352.07	56248.2	1.78	56353.85	56353.58594	56368.59115	56384.91016	503721.2	5411065.3
L3720.0	503721.2	5411065.3	80118.10156	334.63	0	48.852544	-86.949273	56352.25	56248.2	1.78	56354.03	56353.75781	56371.42388	56388.33984	503721.2	5411065.3
L3720.0	503721.2	5411064.8	80118.20313	333.58	0	48.852540	-86.949274	56352.43	56248.2	1.78	56354.21	56353.92578	56374.24776	56391.76563	503721.2	5411064.8
L3720.0	503721.2	5411064.4	80118.29688	337.63	0	48.852536	-86.949274	56352.16	56248.2	1.78	56353.94	56353.64453	56364.29681	56382.42969	503721.2	5411064.4
L3720.0	503721.2	5411064.4	80118.39844	336.32	0	48.852536	-86.949274	56352.20	56248.2	1.78	56353.98	56353.67578	56363.12597	56381.87891	503721.2	5411064.4
L3720.0	503721.1	5411063.8	80118.50000	334.11	0	48.852531	-86.949274	56352.36	56248.2	1.78	56354.14	56353.82422	56365.34985	56384.73047	503721.1	5411063.8
L3720.0	503721.1	5411063.8	80118.60156	333.23	0	48.852531	-86.949274	56352.50	56248.2	1.78	56354.28	56353.95313	56366.99649	56387.01172	503721.1	5411063.8
L3720.0	503721.1	5411063.3	80118.70313	332.33	0	48.852526	-86.949275	56352.54	56248.2	1.78	56354.32	56353.98438	56365.79232	56386.45313	503721.1	5411063.3
L3720.0	503721.1	5411062.8	80118.79688	333.81	0	48.852522	-86.949275	56352.45	56248.2	1.78	56354.23	56353.88281	56360.87828	56382.19141	503721.1	5411062.8
L3720.0	503721.1	5411062.8	80118.89844	333.61	0	48.852522	-86.949275	56352.71	56248.2	1.78	56354.49	56354.13281	56365.90646	56387.87891	503721.1	5411062.8
L3720.0	503721.1	5411062.5	80119.00000	334.10	0	48.852519	-86.949275	56352.76	56248.2	1.78	56354.54	56354.17578	56364.94871	56387.58594	503721.1	5411062.5
L3720.0	503721.1	5411062.1	80119.10156	334.03	0	48.852516	-86.949275	56352.56	56248.2	1.78	56354.34	56353.96484	56356.84413	56380.15234	503721.1	5411062.1
L3720.0	503721.1	5411062.1	80119.20313	335.87	0	48.852516	-86.949275	56352.84	56248.2	1.78	56354.62	56354.23438	56362.41862	56386.40625	503721.1	5411062.1
L3720.0	503721.1	5411061.7	80119.29688	337.51	0	48.852512	-86.949275	56352.68	56248.2	1.78	56354.46	56354.06641	56355.40723	56380.08203	503721.1	5411061.7
L3720.0	503721.1	5411061.3	80119.39844	337.39	0	48.852508	-86.949275	56352.82	56248.2	1.78	56354.60	56354.19531	56356.95833	56382.32031	503721.1	5411061.3
L3720.0	503721.1	5411061.0	80119.39844	337.32	0	48.852506	-86.949275	56352.81	56248.2	1.78	56354.59	56354.17969	56354.19649	56380.25781	503721.1	5411061.0
L3720.0	503721.1	5411061.0	80119.60156	338.22	0	48.852506	-86.949275	56352.68	56248.2	1.78	56354.46	56354.03906	56347.96502	56374.72656	503721.1	5411061.0
L3720.0	503721.1	5411060.7	80119.60156	337.57	0	48.852503	-86.949276	56352.79	56248.2	1.78	56354.57	56354.14063	56348.61310	56376.07813	503721.1	5411060.7
L3720.0	503721.0	5411060.4	80119.70313	337.70	0	48.852500	-86.949276	56352.81	56248.2	1.78	56354.59	56354.15234	56346.66014	56374.83594	503721.0	5411060.4
L3720.0	503721.0	5411060.2	80119.79688	337.10	0	48.852498	-86.949276	56353.18	56248.2	1.78	56354.96	56354.51563	56354.79143	56383.68359	503721.0	5411060.2
L3720.0	503721.0	5411060.0	80120.00000	336.30	0	48.852497	-86.949276	56353.14	56248.2	1.78	56354.92	56354.46484	56351.09429	56380.70313	503721.0	5411060.0
L3720.0	503721.0	5411060.0	80120.00000	335.71	0	48.852497	-86.949276	56353.18	56248.2	1.78	56354.96	56354.49609	56349.69875	56380.03125	503721.0	5411060.0
L3720.0	503721.0	5411059.7	80120.20313	335.16	0	48.852494	-86.949276	56352.84	56248.2	1.77	56354.61	56354.14063	56337.04621	56368.10547	503721.0	5411059.7
L3720.0	503721.1	5411059.5	80120.20313	335.86	0	48.852492	-86.949276	56352.99	56248.2	1.77	56354.76	56354.28125	56338.83120	56370.61719	503721.1	5411059.5
L3720.0	503721.1	5411059.3	80120.39844	335.60	0	48.852490	-86.949275	56352.71	56248.2	1.76	56354.47	56353.98438	56327.94878	56360.46875	503721.1	5411059.3
L3720.0	503721.1	5411059.3	80120.50000	335.60	0	48.852490	-86.949275	56352.69	56248.2	1.76	56354.45	56353.95313	56324.87691	56358.12891	503721.1	5411059.3
L3720.0	503721.1	5411059.1	80120.60156	334.34	0	48.852489	-86.949275	56353.02	56248.2	1.76	56354.77	56354.26563	56331.58741	56365.57422	503721.1	5411059.1
L3720.0	503721.1	5411059.0	80120.70313	334.78	0	48.852487	-86.949275	56352.66	56248.2	1.75	56354.42	56353.91016	56319.11538	56353.83984	503721.1	5411059.0
L3720.0	503721.1	5411058.8	80120.79688	334.59	0	48.852486	-86.949275	56352.94	56248.3	1.75	56354.69	56354.17188	56324.41631	56359.87891	503721.1	5411058.8
L3720.0	503721.1	5411058.8	80120.89844	334.49	0	48.852486	-86.949275	56352.78	56248.3	1.74	56354.53	56354.00391	56317.48046	56353.68359	503721.1	5411058.8
L3720.0	503721.1	5411058.6	80121.00000	336.07	0	48.852484	-86.949275	56352.94	56248.3	1.74	56354.68	56354.14453	56319.39291	56356.33594	503721.1	5411058.6
L3720.0	503721.1	5411058.6	80121.10156	335.12	0	48.852484	-86.949275	56352.76	56248.3	1.74	56354.50	56353.95703	56311.99629	56349.68359	503721.1	5411058.6
L3730.0	503732.3	5410876.6	41361.60156	269.15	0	48.850847	-86.949124	56367.85	56243.3	6.74	56374.58	56355.69141	56377.38072	56352.47656	503732.3	5410876.6
L3730.0	503732.3	5410876.6	41361.69922	271.40	0	48.850847	-86.949124	56367.70	56243.3	6.74	56374.43	56355.73047	56376.78324	56352.12500	503732.3	5410876.6
L3730.0	503732.3	5410876.3	41361.80078	274.36	0	48.850844	-86.949124	56367.11	56243.3	6.74	56373.84	56355.33203	56376.19414	56351.77734	503732.3	5410876.3
L3730.0	503732.3	5410876.0	41361.89844	276.75	0	48.850842	-86.949123	56366.46	56243.3	6.74	56373.20	56354.88672	56375.59672	56351.42578	503732.3	5410876.0
L3730.0	503732.3	5410876.0	41362.00000	276.96	0	48.850842	-86.949123	56366.04	56243.3	6.74	56372.78	56354.65625	56375.01853	56351.09375	503732.3	5410876.0
L3730.0	503732.4	5410875.7	41362.10156	277.60	0	48.850839	-86.949123	56365.90	56243.3	6.74	56372.64	56354.70703	56374.49306	56350.81250	503732.4	5410875.7
L3730.0	503732.4	5410875.4	41362.19922	277.33	0	48.850836	-86.949122	56365.60	56243.3	6.74	56372.34	56354.59766	56373.96670	56350.52734	503732.4	5410875.4
L3730.0	503732.5	5410875.1	41362.30078	275.17	0	48.850834	-86.949122	56365.04	56243.3	6.74	56371.78	56354.23047	56373.40162	56350.20703	503732.5	5410875.1
L3730.0	503732.5	5410875.1	41362.39844	276.82	0	48.850834	-86.949122	56364.56	56243.3	6.74	56371.30	56353.94141	56372.85777	56349.91016	503732.5	5410875.1
L3730.0	503732.5	5410874.7	41362.39844	276.82	0	48.850830	-86.949121	56364.07	56243.3	6.74	56370.81	56353.64453	56372.31801	56349.61328	503732.5	5410874.7
L3730.0	503732.5	5410874.4	41362.60156	280.02	0	48.850827	-86.949121	56363.43	56243.3	6.75	56370.17	56353.19531	56372.15272	56349.69141	503732.5	5410874.4
L3730.0	503732.5	5410874.1	41362.69922	280.58	0	48.850824	-86.949121	56362.66	56243.3	6.75	56369.41	56352.62891	56371.65561	56349.43750	503732.5	5410874.1
L3730.0	503732.5	5410874.1	41362.80078	281.66	0	48.850824	-86.949121	56362.21	56243.3	6.75	56368.96	56352.37109	56371.13701	56349.16406	503732.5	5410874.1
L3730.0	503732.5	5410873.7	41362.89844	280.64	0	48.850821	-86.949121	56362.18	56243.3	6.75	56368.93	56352.53125	56370.61603	56348.88672	503732.5	5410873.7
L3730.0	503732.5	5410873.4	41363.00000	282.21	0	48.850818	-86.949121	56361.92	56243.3	6.75	56368.67	56352.46484	56370.12584	56348.64063	503732.5	5410873.4
L3730.0	503732.5	5410873.0	41363.10156	282.47	0	48.850814	-86.949121	56361.70	56243.2	6.75	56368.45	56352.43750	56369.64896	56348.40625	503732.5	5410873.0
L3730.0	503732.4	5410872.5	41363.19922	283.11	0	48.850810	-86.949122	56361.06	56243.2	6.76	56367.81	56351.98828	56369.18613	56348.18750	503732.4	5410872.5
L3730.0	503732.4	5410872.5	41363.30078	282.53	0	48.850810	-86.949122	56360.85	56243.2	6.76	56367.61	56351.98047	56368.72633	56347.96875	503732.4	5410872.5
L3730.0	503732.4	5410872.1	41363.39844	281.19	0	48.850806	-86.949123	56360.98	56243.2	6.76	56367.74	56352.30469	56368.26846	56347.75391	503732.4	5410872.1
L3730.0	503732.4	5410872.1	41363.50000	280.12	0	48.850806	-86.949123	56360.52	56243.2	6.76	56367.28	56352.03516	56367.81763	56347.54688	503732.4	5410872.1
L3730.0	503732.3	5410871.6	41363.60156	281.17	0	48.850802	-86.949124	56359.88	56243.2	6.77	56366.65	56351.60156	56367.37371	56347.34766	503732.3	5410871.6
L3730.0	503732.2	5410871.1	41363.69922	281.19	0	48.850798	-86.949125	56359.22	56243.2	6.77	56365.99	56351.13281	56366.93731	56347.15234	503732.2	5410871.1
L3730.0	503732.1	5410870.5	41363.80078	280.30	0	48.850792	-86.949126	56358.48	56243.2	6.77	56365.25	56350.58594	56366.51312	56346.96875	503732.1	5410870.5
L3730.0	503732.1	5410870.5	41363.89844	278.87	0	48.850792	-86.949126	56358.22	56243.2	6.78	56365.00	56350.53125	56366.06761	56346.76563	503732.1	5410870.5
L3730.0	503732.1	5410869.9	41364.00000	277.51	0	48.850787	-86.949127	56357.86	56243.2	6.78	56364.64	56350.36328	56365.62628	56346.56641	503732.1	5410869.9
L3730.0	503732.0	5410869.5	41364.10156	274.33	0	48.850783	-86.949128	56357.79	56243.2	6.78	56364.57	56350.48828	56365.15252	56346.33594	503732.0	5410869.5
L3730.0	503732.0	5410869.0	41364.19922	274.32	0	48.850778	-86.949129	56357.74	56243.2	6.78	56364.52	56350.63281	56364.66167	56346.08594	503732.0	5410869.0
L3730.0	503732.0	5410869.0	41364.30078	275.51	0	48.850778	-86.949129	56357.79	56243.2	6.78	56364.57	56350.87500	56364.14017	56345.80469	503732.0	5410869.0
L3730.0	503731.9	5410868.4	41364.39844	276.98	0	48.850773	-86.949129	56357.84	56243.2	6.78	56364.62	56351.12109	56363.99394	56345.89844	503731.9	5410868.4
L3730.0	503731.9	5410867.8	41364.39844	276.98	0	48.850768	-86.949130	56357.54	56243.2	6.78	56364.32	56351.01563	56363.55058	56345.69531	503731.9	5410867.8
L3730.0	503731.9	5410867.3	41364.60156	274.14	0	48.850763	-86.949130	56357.28	56243.2	6.78	56364.06	56350.94922	56363.11248	56345.50000	503731.9	5410867.3
L3730.0	503731.9	5410867.3	41364.69922	273.83	0	48.850763	-86.949130	56356.77	56243.2	6.78	56363.55	56350.63672	56362.61346	56345.23828	503731.9	5410867.3
L3730.0	503731.9	5410866.7	41364.80078	274.28	0	48.850758	-86.949129	56356.57	56243.2	6.78	56363.35	56350.63281	56362.18201	56345.04688	503731.9	5410866.7
L3730.0	503732.0	5410866.0	41364.89844	275.03	0	48.850751	-86.949129	56356.16	56243.2	6.78	56362.94	56350.41797	56361.70249	56344.80859	503732.0	5410866.0
L3730.0	503732.0	5410865.2	41365.00000	275.25	0	48.850745	-86.949128	56356.00	56243.2	6.78	56362.78	56350.45313	56361.27066	56344.61328	503732.0	5410865.2
L3730.0	503732.0	5410865.2	41365.10156	275.59	0	48.850745	-86.949128	56355.14	56243.2	6.78	56361.92	56349.78906	56360.70318	56344.28516	503732.0	5410865.2
L3730.0	503732.0	5410864.6	41365.19922	274.78	0	48.850739	-86.949128	56354.65	56243.2	6.78	56361.44	56349.50391	56360.20946	56344.03125	503732.0	5410864.6

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L3730.0	503732.1	5410864.1	41365.30078	274.71	0	48.850735	-86.949127	56354.24	56243.2	6.79	56361.03	56349.29297	56359.72696	56343.78516	503732.1	5410864.1
L3730.0	503732.2	5410863.3	41365.39844	275.03	0	48.850727	-86.949126	56353.22	56243.2	6.79	56360.01	56348.46875	56359.14496	56343.44141	503732.2	5410863.3
L3730.0	503732.2	5410863.3	41365.50000	273.43	0	48.850727	-86.949126	56352.74	56243.2	6.79	56359.53	56348.18359	56358.65282	56343.18750	503732.2	5410863.3
L3730.0	503732.2	5410862.5	41365.60156	274.37	0	48.850720	-86.949125	56352.36	56243.2	6.79	56359.15	56348.00000	56358.17344	56342.94141	503732.2	5410862.5
L3730.0	503732.3	5410861.8	41365.69922	272.74	0	48.850714	-86.949125	56352.59	56243.2	6.79	56359.38	56348.42969	56357.77018	56342.77734	503732.3	5410861.8
L3730.0	503732.3	5410861.8	41365.80078	274.31	0	48.850714	-86.949125	56351.87	56243.2	6.80	56358.66	56347.90625	56357.23554	56342.47656	503732.3	5410861.8
L3730.0	503732.3	5410861.1	41365.89844	274.89	0	48.850708	-86.949124	56351.43	56243.2	6.80	56358.23	56347.67188	56356.73514	56342.21094	503732.3	5410861.1
L3730.0	503732.3	5410860.4	41366.00000	274.22	0	48.850701	-86.949124	56351.38	56243.2	6.80	56358.18	56347.82031	56356.26632	56341.97656	503732.3	5410860.4
L3730.0	503732.3	5410860.4	41366.10156	274.26	0	48.850701	-86.949124	56350.62	56243.2	6.80	56357.42	56347.25781	56355.72509	56341.66797	503732.3	5410860.4
L3730.0	503732.3	5410859.2	41366.19922	271.86	0	48.850690	-86.949124	56349.44	56243.2	6.80	56356.24	56346.27734	56355.16168	56341.33984	503732.3	5410859.2
L3730.0	503732.3	5410858.4	41366.30078	271.64	0	48.850684	-86.949124	56348.66	56243.2	6.80	56355.46	56345.69531	56354.63744	56341.04688	503732.3	5410858.4
L3730.0	503732.3	5410857.7	41366.39844	271.57	0	48.850677	-86.949123	56348.27	56243.2	6.80	56355.07	56345.50391	56354.13211	56340.77344	503732.3	5410857.7
L3730.0	503732.3	5410857.7	41366.39844	271.57	0	48.850677	-86.949123	56347.46	56243.2	6.80	56354.26	56344.89063	56353.61839	56340.49219	503732.3	5410857.7
L3730.0	503732.4	5410856.8	41366.60156	273.90	0	48.850669	-86.949123	56347.07	56243.2	6.80	56353.87	56344.69922	56353.10982	56340.21484	503732.4	5410856.8
L3730.0	503732.4	5410856.0	41366.69922	274.10	0	48.850662	-86.949123	56346.62	56243.2	6.80	56353.42	56344.44922	56352.59753	56339.92969	503732.4	5410856.0
L3730.0	503732.4	5410855.2	41366.80078	272.46	0	48.850654	-86.949123	56346.36	56243.2	6.80	56353.16	56344.38672	56352.06999	56339.63281	503732.4	5410855.2
L3730.0	503732.4	5410855.2	41366.89844	269.35	0	48.850654	-86.949123	56345.44	56243.2	6.80	56352.24	56343.66406	56351.58711	56339.37891	503732.4	5410855.2
L3730.0	503732.4	5410854.1	41367.00000	267.80	0	48.850645	-86.949123	56344.70	56243.2	6.80	56351.50	56343.12109	56351.20243	56339.22266	503732.4	5410854.1
L3730.0	503732.4	5410854.1	41367.10156	267.17	0	48.850645	-86.949123	56344.24	56243.2	6.80	56351.04	56342.85938	56350.71002	56338.95703	503732.4	5410854.1
L3730.0	503732.3	5410852.4	41367.19922	266.64	0	48.850629	-86.949124	56343.81	56243.2	6.80	56350.60	56342.62109	56350.21971	56338.69141	503732.3	5410852.4
L3730.0	503732.3	5410852.4	41367.30078	263.15	0	48.850629	-86.949124	56343.52	56243.2	6.79	56350.32	56342.53906	56349.74964	56338.44922	503732.3	5410852.4
L3730.0	503732.3	5410851.5	41367.39844	264.55	0	48.850621	-86.949124	56342.94	56243.2	6.79	56349.73	56342.14453	56349.23662	56338.16016	503732.3	5410851.5
L3730.0	503732.3	5410851.5	41367.50000	264.51	0	48.850621	-86.949124	56342.32	56243.2	6.79	56349.11	56341.72266	56348.72409	56337.87109	503732.3	5410851.5
L3730.0	503732.3	5410850.6	41367.60156	260.19	0	48.850613	-86.949124	56341.68	56243.2	6.79	56348.47	56341.28125	56348.21369	56337.58203	503732.3	5410850.6
L3730.0	503732.2	5410849.7	41367.69922	260.18	0	48.850605	-86.949125	56341.00	56243.2	6.79	56347.79	56340.80078	56347.70361	56337.29688	503732.2	5410849.7
L3730.0	503732.2	5410848.8	41367.80078	260.41	0	48.850597	-86.949125	56340.16	56243.2	6.78	56346.94	56340.14844	56347.18340	56336.99609	503732.2	5410848.8
L3730.0	503732.2	5410848.8	41367.89844	260.77	0	48.850597	-86.949125	56339.90	56243.2	6.78	56346.68	56340.08594	56346.71090	56336.74219	503732.2	5410848.8
L3730.0	503732.2	5410847.9	41368.00000	260.83	0	48.850589	-86.949125	56339.46	56243.2	6.78	56346.24	56339.84375	56346.22391	56336.47656	503732.2	5410847.9
L3730.0	503732.2	5410847.1	41368.10156	259.52	0	48.850582	-86.949125	56339.19	56243.2	6.78	56345.97	56339.77344	56345.75003	56336.21875	503732.2	5410847.1
L3730.0	503732.2	5410846.2	41368.19922	258.09	0	48.850573	-86.949125	56338.52	56243.2	6.79	56345.31	56339.30859	56345.24718	56335.93359	503732.2	5410846.2
L3730.0	503732.2	5410845.3	41368.30078	264.81	0	48.850565	-86.949125	56338.24	56243.2	6.79	56345.03	56339.22656	56344.77601	56335.67969	503732.2	5410845.3
L3730.0	503732.2	5410844.2	41368.39844	258.13	0	48.850555	-86.949125	56337.32	56243.2	6.80	56344.12	56338.51172	56344.24806	56335.36719	503732.2	5410844.2
L3730.0	503732.2	5410844.2	41368.39844	258.13	0	48.850555	-86.949125	56336.56	56243.2	6.80	56343.36	56337.94922	56343.72695	56335.05859	503732.2	5410844.2
L3730.0	503732.3	5410843.2	41368.60156	265.48	0	48.850547	-86.949125	56335.41	56243.2	6.80	56342.21	56336.99609	56343.14854	56334.69141	503732.3	5410843.2
L3730.0	503732.3	5410843.2	41368.69922	266.50	0	48.850547	-86.949125	56335.18	56243.2	6.81	56341.99	56336.97266	56342.67970	56334.43359	503732.3	5410843.2
L3730.0	503732.3	5410842.0	41368.80078	263.53	0	48.850535	-86.949124	56334.34	56243.2	6.81	56341.15	56336.32813	56342.11887	56334.08594	503732.3	5410842.0
L3730.0	503732.3	5410840.7	41368.89844	265.17	0	48.850524	-86.949124	56333.98	56243.2	6.82	56340.79	56336.16016	56341.63046	56333.80469	503732.3	5410840.7
L3730.0	503732.3	5410839.8	41369.00000	265.84	0	48.850516	-86.949124	56333.63	56243.2	6.82	56340.45	56336.01563	56341.24473	56333.62891	503732.3	5410839.8
L3730.0	503732.3	5410839.8	41369.10156	268.90	0	48.850516	-86.949124	56332.83	56243.2	6.82	56339.65	56335.41016	56340.74149	56333.33203	503732.3	5410839.8
L3730.0	503732.3	5410838.9	41369.19922	271.79	0	48.850508	-86.949124	56332.50	56243.2	6.82	56339.32	56335.27344	56340.20984	56333.00391	503732.3	5410838.9
L3730.0	503732.3	5410837.9	41369.30078	273.37	0	48.850498	-86.949124	56331.50	56243.2	6.82	56338.32	56334.46875	56339.68179	56332.67969	503732.3	5410837.9
L3730.0	503732.3	5410836.8	41369.39844	272.49	0	48.850489	-86.949124	56331.53	56243.2	6.82	56338.35	56334.69141	56339.16703	56332.36719	503732.3	5410836.8
L3730.0	503732.3	5410836.8	41369.50000	272.94	0	48.850489	-86.949124	56330.76	56243.2	6.82	56337.58	56334.11328	56338.62759	56332.03125	503732.3	5410836.8
L3730.0	503732.3	5410835.6	41369.60156	274.58	0	48.850478	-86.949124	56330.36	56243.2	6.82	56337.18	56333.90625	56338.11147	56331.71484	503732.3	5410835.6
L3730.0	503732.3	5410834.4	41369.69922	276.45	0	48.850468	-86.949124	56329.66	56243.2	6.82	56336.48	56333.39453	56337.56393	56331.36719	503732.3	5410834.4
L3730.0	503732.3	5410833.4	41369.80078	277.47	0	48.850458	-86.949125	56328.95	56243.2	6.82	56335.77	56332.87500	56337.00672	56331.00391	503732.3	5410833.4
L3730.0	503732.3	5410832.3	41369.89844	277.76	0	48.850449	-86.949125	56328.54	56243.2	6.82	56335.36	56332.65625	56336.49648	56330.69141	503732.3	5410832.3
L3730.0	503732.3	5410832.3	41370.00000	277.63	0	48.850449	-86.949125	56327.60	56243.2	6.82	56334.42	56331.90625	56335.88680	56330.27344	503732.3	5410832.3
L3730.0	503732.3	5410831.3	41370.10156	277.61	0	48.850440	-86.949125	56326.55	56243.2	6.82	56333.37	56331.04297	56335.23907	56329.82031	503732.3	5410831.3
L3730.0	503732.2	5410830.1	41370.19922	278.68	0	48.850429	-86.949125	56326.02	56243.2	6.82	56332.84	56330.69922	56334.70112	56329.47266	503732.2	5410830.1
L3730.0	503732.2	5410829.1	41370.30078	277.75	0	48.850420	-86.949126	56325.91	56243.2	6.82	56332.73	56330.77734	56334.27446	56329.23438	503732.2	5410829.1
L3730.0	503732.2	5410829.1	41370.39844	278.04	0	48.850420	-86.949126	56325.91	56243.2	6.82	56332.73	56330.96484	56333.89309	56329.04297	503732.2	5410829.1
L3730.0	503732.2	5410828.1	41370.39844	278.04	0	48.850411	-86.949126	56325.61	56243.2	6.82	56332.43	56330.84766	56333.50174	56328.83594	503732.2	5410828.1
L3730.0	503732.2	5410827.2	41370.60156	278.32	0	48.850403	-86.949126	56324.54	56243.2	6.82	56331.36	56329.96094	56333.06648	56328.58594	503732.2	5410827.2
L3730.0	503732.2	5410827.2	41370.69922	278.43	0	48.850403	-86.949126	56323.90	56243.2	6.82	56330.72	56329.50781	56332.57685	56328.28125	503732.2	5410827.2
L3730.0	503732.2	5410826.0	41370.80078	279.15	0	48.850391	-86.949126	56323.34	56243.2	6.82	56330.16	56329.12891	56332.08433	56327.96875	503732.2	5410826.0
L3730.0	503732.1	5410824.8	41370.89844	279.39	0	48.850381	-86.949127	56322.78	56243.2	6.82	56329.60	56328.75000	56331.59943	56327.66406	503732.1	5410824.8
L3730.0	503732.1	5410823.6	41371.00000	279.63	0	48.850370	-86.949127	56322.42	56243.2	6.82	56329.24	56328.57031	56331.10144	56327.34375	503732.1	5410823.6
L3730.0	503732.1	5410823.6	41371.10156	280.34	0	48.850370	-86.949127	56322.12	56243.2	6.82	56328.93	56328.43750	56330.60510	56327.02344	503732.1	5410823.6
L3730.0	503732.1	5410822.4	41371.19922	279.78	0	48.850359	-86.949128	56321.63	56243.2	6.82	56328.44	56328.12891	56330.13543	56326.73047	503732.1	5410822.4
L3730.0	503732.0	5410821.0	41371.30078	279.58	0	48.850347	-86.949128	56321.06	56243.2	6.81	56327.88	56327.74609	56329.68236	56326.44922	503732.0	5410821.0
L3730.0	503732.0	5410820.0	41371.39844	278.10	0	48.850338	-86.949128	56320.38	56243.2	6.81	56327.20	56327.24219	56328.91664	56325.85547	503732.0	5410820.0
L3730.0	503732.0	5410820.0	41371.50000	278.34	0	48.850338	-86.949128	56319.76	56243.2	6.81	56326.57	56326.78516	56328.43377	56325.53906	503732.0	5410820.0
L3730.0	503732.0	5410819.0	41371.60156	277.49	0	48.850329	-86.949129	56319.59	56243.2	6.81	56326.39	56326.77734	56328.07233	56325.34766	503732.0	5410819.0
L3730.0	503732.0	5410817.9	41371.69922	279.82	0	48.850319	-86.949129	56319.23	56243.2	6.81	56326.04	56326.60156	56327.66909	56325.10938	503732.0	5410817.9
L3730.0	503732.0	5410816.8	41371.80078	279.71	0	48.850308	-86.949129	56319.06	56243.2	6.80	56325.86	56326.59375	56327.30399	56324.90625	503732.0	5410816.8
L3730.0	503732.0	5410816.8	41371.89844	278.91	0	48.850308	-86.949129	56318.18	56243.2	6.80	56324.98	56325.88281	56326.79744	56324.56250	503732.0	5410816.8
L3730.0	503731.9	5410815.6	41372.00000	277.93	0	48.850298	-86.949129	56317.54	56243.2	6.80	56324.34	56325.41016	56326.35519	56324.28125	503731.9	5410815.6
L3730.0	503731.9	5410814.3	41372.10156	277.05	0	48.850286	-86.949129	56316.81	56243.2	6.80	56323.60	56324.83984	56325.91189	56323.99609	503731.9	5410814.3
L3730.0	503731.9	5410813.3	41372.19922	276.20	0	48.850277	-86.949129	56316.49	56243.2	6.80	56323.29	56324.69531	56325.54228	56323.78125	503731.9	5410813.3
L3730.0	503731.9	5410813.3	41372.30078	278.38	0	48.850277	-86.949129	56315.94	56243.2	6.80	56322.74	56324.30859	56325.14684	56323.53906	503731.9	5410813.3
L3730.0	503731.9	5410812.0	41372.39844	278.59	0	48.850266	-86.949130	56315.60	56243.2	6.80	56322.40	56324.13281	56324.77681	56323.32031	503731.9	5410812.0
L3730.0	503731.9	5410810.7	41372.39844	278.59	0	48.850254	-86.949130	56315.15	56243.2	6.80	56321.94	56323.83594	56324.39960	56323.09375	503731.9	5410810.7
L3730.0	503731.9	5410810.7	41372.60156	273.23	0	48.850254	-86.949130	56314.31	56243.2	6.79	56321.10	56323.15625	56324.02081	56322.86328	503731.9	5410810.7
L3730.0	503731.9	5410809.6	41372.69922	268.92	0	48.850244	-86.949130	56313.40	56243.2	6.79	56320.20	56322.41406	56323.66862	56322.65625	503731.9	5410809.6
L3730.0	503731.9	5410808.3	41372.80078	259.52	0	48.850232	-86.949130	56313.34	56243.2	6.79	56320.13	56322.50000	56323.30933	56322.44141	503731.9	5410808.3
L3730.0	503731.9	5410806.7	41372.89844	253.15	0	48.850218	-86.949130	56313.48	56243.2	6.79	56320.27	56322.79688	56322.91457	56322.18750	503731.9	5410806.7
L3730.0	503731.9	5410806.7	41373.00000	258.07	0	48.850218	-86.949130	56313.20	56243.2	6.79	56319.99	56322.67188	56322.15715	56321.57031	503731.9	5410806.7
L3730.0	503731.9	5410805.4	41373.10156	259.53	0	48.850206	-86.949130	56312.80	56243.2	6.79	56319.59	56322.42188	56321.77990	56321.33203	503731.9	5410805.4
L3730.0	503731.9	5410805.4	41373.19922	261.81	0	48.850206	-86.949130	56311.88	56243.2	6.79	56318.67	56321.65234	56321.32014	56321.00781	503731.9	5410805.4
L3730.0	503731.9	5410804.4	41373.30078	262.44	0	48.850198	-86.949130	56311.60	56243.2	6.79	56318.39	56321.52344	56320.96342	56320.78516	503731.9	5410804.4
L3730.0	503731.9	5410803.2	41373.39844	262.77	0	48.850187	-86.949130	56310.96	56243.2	6.79	56317.75	56321.03125	56320.55645	56320.51172	503731.9	5410803.2
L3730.0	503731.9	5410802.1	41373.50000	262.57	0	48.850176	-86.949130	56310.52	56243.2	6.79	56317.31	56320.73438	56320.17467	56320.25781	503731.9	5410802.1
L3730.0	503731.9	5410802.1	41373.60156	260.36	0	48.850176	-86.949130	56310.07	56243.2	6.79	56316.86	56320.42969	56319.78991	56320.00000	503731.9	5410802.1
L3730.0	503731.9	5410800.9	41373.69922	259.82	0	48.850166	-86.949130	56309.63	56243.2	6.79	56316.42	56320.13281	56319.40409	56319.73828	503731.9	5410800.9
L3730.0	503731.9	5410799.7	41373.80078	259.39	0	48.850155	-86.949130	56309.12	56243.2	6.79	56315.91	56319.76172	56319.01166	56319.46875	503731.9	5410799.7
L3730.0	503731.9	5410798.3	41373.89844	261.82	0	48.850142	-86.949131	56308.28	56243.2	6.79	56315.07	56319.06250	56318.60077	56319.17969	503731.9	5410798.3
L3730.0	503731.9	5410798.3	41374.00000	262.52	0	48.850142	-86.949131	56308.18	56243.2	6.79	56314.97	56319.09766	56318.22837	56318.92578	503731.9	5410798.3
L3730.0	503731.8	5410796.9	41374.10156	260.54	0	48.850130	-86.949131	56307.88	56243.2	6.79	56314.66	56318.92578	56317.84034	56318.65625	503731.8	5410796.9
L3730.0	503731.8	5410795.5	41374.19922	259.62	0	48.850117	-86.949131	56307.94	56243.2	6.78	56314.72	56319.11719	56317.45989	56318.39063	503731.8	5410795.5
L3730.0	503731.8	5410795.5	41374.30078	262.04	0	48.850117	-86.949131	56307.14	56243.2	6.78	56313.92	56318.44922	56317.05139	56318.09375	503731.8	5410795.5
L3730.0	503731.8	5410794.1	41374.39844	260.46	0	48.850105	-86.949132	56306.26	56243.2	6.77	56313.04	56317.69922	56316.64407	56317.79688	503731.8	5410794.1
L3730.0	503731.8	5410793.0	41374.39844	260.46	0	48.850094	-86.949132	56305.42	56243.2	6.77	56312.20	56316.98438	56316.23990	56317.50000	503731.8	5410793.0

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L3730.0	503731.7	5410791.6	41374.60156	259.88	0	48.850082	-86.949132	56304.78	56243.2	6.77	56311.54	56316.45313	56315.83934	56317.20703	503731.7	5410791.6
L3730.0	503731.7	5410791.6	41374.69922	260.21	0	48.850082	-86.949132	56305.29	56243.2	6.76	56312.06	56317.09766	56315.45062	56316.92188	503731.7	5410791.6
L3730.0	503731.7	5410790.3	41374.80078	260.00	0	48.850070	-86.949133	56305.32	56243.2	6.76	56312.08	56317.23828	56315.05362	56316.62500	503731.7	5410790.3
L3730.0	503731.7	5410789.1	41374.89844	261.08	0	48.850060	-86.949133	56305.17	56243.2	6.75	56311.92	56317.19922	56314.65441	56316.32813	503731.7	5410789.1
L3730.0	503731.7	5410787.7	41375.00000	259.75	0	48.850047	-86.949134	56304.93	56243.3	6.75	56311.68	56317.07813	56314.25496	56316.02344	503731.7	5410787.7
L3730.0	503731.7	5410787.7	41375.10156	259.63	0	48.850047	-86.949134	56304.51	56243.2	6.75	56311.26	56316.77344	56313.85521	56315.71875	503731.7	5410787.7
L3730.0	503731.6	5410786.3	41375.19922	259.44	0	48.850035	-86.949134	56304.12	56243.2	6.75	56310.88	56316.50781	56313.45690	56315.41406	503731.6	5410786.3
L3730.0	503731.6	5410785.1	41375.30078	258.61	0	48.850023	-86.949134	56303.87	56243.2	6.76	56310.62	56316.35938	56313.06056	56315.10938	503731.6	5410785.1
L3730.0	503731.6	5410785.1	41375.39844	258.68	0	48.850023	-86.949134	56303.81	56243.2	6.76	56310.57	56316.41797	56312.66713	56314.80469	503731.6	5410785.1
L3730.0	503731.6	5410783.6	41375.50000	257.83	0	48.850011	-86.949134	56303.40	56243.2	6.76	56310.16	56316.11719	56312.27272	56314.49609	503731.6	5410783.6
L3730.0	503731.6	5410782.2	41375.60156	259.10	0	48.849998	-86.949134	56303.31	56243.2	6.76	56310.07	56316.13281	56311.88244	56314.19141	503731.6	5410782.2
L3730.0	503731.6	5410782.2	41375.69922	261.14	0	48.849998	-86.949134	56302.26	56243.2	6.76	56309.02	56315.18750	56311.48466	56313.87500	503731.6	5410782.2
L3730.0	503731.6	5410780.8	41375.80078	262.96	0	48.849985	-86.949134	56301.80	56243.2	6.77	56308.57	56314.83984	56311.09307	56313.56250	503731.6	5410780.8
L3730.0	503731.6	5410779.3	41375.89844	263.51	0	48.849972	-86.949134	56301.48	56243.2	6.77	56308.25	56314.61719	56310.70403	56313.25000	503731.6	5410779.3
L3730.0	503731.6	5410779.3	41376.00000	261.40	0	48.849972	-86.949134	56301.19	56243.2	6.77	56307.96	56314.42578	56310.31661	56312.94141	503731.6	5410779.3
L3730.0	503731.7	5410777.6	41376.10156	259.86	0	48.849957	-86.949134	56300.52	56243.2	6.77	56307.29	56313.85156	56309.92352	56312.62109	503731.7	5410777.6
L3730.0	503731.7	5410776.1	41376.19922	261.05	0	48.849943	-86.949133	56300.42	56243.2	6.77	56307.19	56313.84766	56309.54149	56312.30859	503731.7	5410776.1
L3730.0	503731.7	5410776.1	41376.30078	261.35	0	48.849943	-86.949133	56300.55	56243.2	6.77	56307.31	56314.05859	56309.16745	56312.00391	503731.7	5410776.1
L3730.0	503731.7	5410774.5	41376.39844	260.40	0	48.849928	-86.949133	56300.21	56243.2	6.77	56306.98	56313.81641	56308.78486	56311.69141	503731.7	5410774.5
L3730.0	503731.7	5410773.2	41376.39844	260.40	0	48.849917	-86.949133	56300.21	56243.2	6.77	56306.98	56313.90625	56308.41464	56311.38672	503731.7	5410773.2
L3730.0	503731.7	5410773.2	41376.60156	259.18	0	48.849917	-86.949133	56299.68	56243.2	6.76	56306.44	56313.44922	56308.02748	56311.06250	503731.7	5410773.2
L3730.0	503731.8	5410772.0	41376.69922	259.04	0	48.849906	-86.949132	56299.53	56243.2	6.76	56306.29	56313.38281	56307.65704	56310.75000	503731.8	5410772.0
L3730.0	503731.8	5410770.4	41376.80078	261.16	0	48.849892	-86.949132	56298.58	56243.2	6.76	56305.34	56312.51563	56307.24733	56310.40234	503731.8	5410770.4
L3730.0	503731.8	5410770.4	41376.89844	264.07	0	48.849892	-86.949132	56298.38	56243.2	6.76	56305.14	56312.39453	56306.87528	56310.08594	503731.8	5410770.4
L3730.0	503731.8	5410769.0	41377.00000	264.70	0	48.849879	-86.949131	56298.03	56243.2	6.76	56304.79	56312.12109	56306.49567	56309.76172	503731.8	5410769.0
L3730.0	503731.9	5410767.7	41377.10156	263.15	0	48.849867	-86.949131	56297.82	56243.2	6.76	56304.57	56311.97656	56306.12689	56309.44531	503731.9	5410767.7
L3730.0	503731.9	5410766.2	41377.19922	263.51	0	48.849854	-86.949130	56296.90	56243.2	6.76	56303.65	56311.12891	56305.69803	56309.06641	503731.9	5410766.2
L3730.0	503731.9	5410766.2	41377.30078	261.83	0	48.849854	-86.949130	56296.64	56243.2	6.75	56303.40	56310.94922	56305.32494	56308.74219	503731.9	5410766.2
L3730.0	503732.0	5410764.8	41377.39844	259.90	0	48.849841	-86.949129	56297.25	56243.2	6.75	56304.01	56311.62891	56305.05183	56308.51563	503732.0	5410764.8
L3730.0	503732.0	5410763.5	41377.50000	260.76	0	48.849829	-86.949129	56297.43	56243.3	6.75	56304.18	56311.86719	56304.74778	56308.25781	503732.0	5410763.5
L3730.0	503732.0	5410763.5	41377.60156	260.92	0	48.849829	-86.949129	56297.02	56243.3	6.75	56303.77	56311.52344	56304.37778	56307.92969	503732.0	5410763.5
L3730.0	503732.1	5410761.8	41377.69922	260.97	0	48.849814	-86.949128	56296.25	56243.3	6.75	56303.00	56310.81250	56303.95247	56307.54297	503732.1	5410761.8
L3730.0	503732.1	5410760.5	41377.80078	276.08	0	48.849802	-86.949128	56296.32	56243.3	6.74	56303.06	56310.93359	56303.65487	56307.28516	503732.1	5410760.5
L3730.0	503732.1	5410760.5	41377.89844	272.33	0	48.849802	-86.949128	56295.92	56243.3	6.74	56302.66	56310.59375	56303.28679	56306.95313	503732.1	5410760.5
L3730.0	503732.1	5410759.2	41378.00000	274.28	0	48.849791	-86.949128	56295.42	56243.3	6.74	56302.16	56310.15234	56302.89872	56306.60156	503732.1	5410759.2
L3730.0	503732.1	5410758.0	41378.10156	272.57	0	48.849780	-86.949127	56294.83	56243.3	6.74	56301.57	56309.61328	56303.08743	56306.82422	503732.1	5410758.0
L3730.0	503732.1	5410758.0	41378.19922	272.19	0	48.849780	-86.949127	56294.98	56243.3	6.74	56301.72	56309.81641	56302.71225	56306.48047	503732.1	5410758.0
L3730.0	503732.2	5410756.2	41378.30078	271.67	0	48.849764	-86.949127	56295.18	56243.3	6.75	56301.93	56310.07813	56302.35680	56306.15234	503732.2	5410756.2
L3730.0	503732.2	5410755.2	41378.39844	271.10	0	48.849755	-86.949127	56294.65	56243.3	6.75	56301.40	56309.59766	56302.03536	56305.85938	503732.2	5410755.2
L3730.0	503732.2	5410753.9	41378.39844	271.10	0	48.849743	-86.949127	56294.96	56243.3	6.75	56301.71	56309.95313	56301.71285	56305.56250	503732.2	5410753.9
L3730.0	503732.2	5410753.9	41378.60156	271.49	0	48.849743	-86.949127	56294.60	56243.2	6.75	56301.35	56309.64063	56301.39963	56305.27344	503732.2	5410753.9
L3730.0	503732.2	5410752.1	41378.69922	271.01	0	48.849727	-86.949127	56294.63	56243.2	6.75	56301.38	56309.71094	56301.10281	56305.00000	503732.2	5410752.1
L3730.0	503732.2	5410750.7	41378.80078	272.56	0	48.849714	-86.949126	56294.27	56243.2	6.76	56301.02	56309.39453	56300.79618	56304.71094	503732.2	5410750.7
L3730.0	503732.2	5410750.7	41378.89844	274.15	0	48.849714	-86.949126	56294.20	56243.2	6.76	56300.95	56309.36328	56300.50976	56304.44531	503732.2	5410750.7
L3730.0	503732.2	5410749.1	41379.00000	271.04	0	48.849700	-86.949126	56293.32	56243.2	6.76	56300.08	56308.52734	56300.16458	56304.11719	503732.2	5410749.1
L3730.0	503732.2	5410747.6	41379.10156	272.84	0	48.849687	-86.949127	56293.36	56243.2	6.76	56300.11	56308.59375	56299.89137	56303.85938	503732.2	5410747.6
L3730.0	503732.2	5410746.1	41379.19922	273.95	0	48.849673	-86.949127	56293.45	56243.2	6.76	56300.21	56308.72656	56299.63131	56303.60938	503732.2	5410746.1
L3730.0	503732.2	5410746.1	41379.30078	275.25	0	48.849673	-86.949127	56292.84	56243.2	6.75	56299.59	56308.14063	56299.30256	56303.29297	503732.2	5410746.1
L3730.0	503732.2	5410744.9	41379.39844	274.51	0	48.849662	-86.949127	56292.69	56243.2	6.75	56299.44	56308.01953	56299.02136	56303.02344	503732.2	5410744.9
L3730.0	503732.2	5410743.4	41379.50000	277.00	0	48.849649	-86.949127	56292.10	56243.3	6.75	56298.85	56307.45703	56298.69541	56302.70703	503732.2	5410743.4
L3730.0	503732.1	5410741.9	41379.60156	275.73	0	48.849635	-86.949127	56292.40	56243.3	6.75	56299.15	56307.78125	56298.46157	56302.47656	503732.1	5410741.9
L3730.0	503732.1	5410741.9	41379.69922	276.50	0	48.849635	-86.949127	56291.79	56243.3	6.75	56298.54	56307.19922	56298.13585	56302.15625	503732.1	5410741.9
L3730.0	503732.1	5410740.3	41379.80078	275.01	0	48.849621	-86.949128	56292.10	56243.3	6.74	56298.84	56307.51953	56297.89856	56301.92578	503732.1	5410740.3
L3730.0	503732.1	5410740.3	41379.89844	273.23	0	48.849621	-86.949128	56292.23	56243.3	6.74	56298.98	56307.67969	56297.64240	56301.67188	503732.1	5410740.3
L3730.0	503732.1	5410739.0	41380.00000	273.23	0	48.849609	-86.949128	56292.48	56243.3	6.74	56299.22	56307.94141	56297.39146	56301.42188	503732.1	5410739.0
L3730.0	503732.1	5410737.9	41380.10156	271.12	0	48.849599	-86.949128	56292.38	56243.3	6.74	56299.12	56307.85938	56297.11100	56301.14063	503732.1	5410737.9
L3730.0	503732.1	5410736.5	41380.19922	271.45	0	48.849587	-86.949128	56291.38	56243.3	6.74	56298.12	56306.87500	56296.76577	56300.79297	503732.1	5410736.5
L3730.0	503732.1	5410736.5	41380.30078	269.41	0	48.849587	-86.949128	56291.26	56243.3	6.74	56298.00	56306.76953	56296.49107	56300.51172	503732.1	5410736.5
L3730.0	503732.1	5410735.1	41380.39844	271.30	0	48.849574	-86.949128	56290.00	56243.3	6.74	56296.74	56305.51953	56296.14040	56300.15625	503732.1	5410735.1
L3730.0	503732.1	5410733.8	41380.39844	271.30	0	48.849562	-86.949128	56290.65	56243.3	6.74	56297.39	56306.17969	56295.92675	56299.93750	503732.1	5410733.8
L3730.0	503732.1	5410732.4	41380.60156	259.71	0	48.849550	-86.949128	56290.06	56243.3	6.74	56296.80	56305.60156	56295.63069	56299.63281	503732.1	5410732.4
L3730.0	503732.1	5410732.4	41380.69922	259.25	0	48.849550	-86.949128	56290.59	56243.3	6.74	56297.33	56306.13672	56295.42226	56299.41406	503732.1	5410732.4
L3730.0	503732.1	5410730.6	41380.80078	268.05	0	48.849534	-86.949128	56290.24	56243.3	6.74	56296.98	56305.79297	56295.15522	56299.13672	503732.1	5410730.6
L3730.0	503732.1	5410729.5	41380.89844	269.97	0	48.849523	-86.949128	56290.16	56243.3	6.74	56296.90	56305.71875	56294.91713	56298.88672	503732.1	5410729.5
L3730.0	503732.1	5410729.5	41381.00000	270.53	0	48.849523	-86.949128	56289.91	56243.3	6.74	56296.65	56305.47266	56294.67101	56298.62891	503732.1	5410729.5
L3730.0	503732.1	5410728.1	41381.10156	271.06	0	48.849511	-86.949128	56289.32	56243.3	6.74	56296.06	56304.88281	56294.39190	56298.33594	503732.1	5410728.1
L3730.0	503732.1	5410726.8	41381.19922	270.95	0	48.849499	-86.949128	56289.21	56243.3	6.74	56295.95	56304.77344	56294.17018	56298.09766	503732.1	5410726.8
L3730.0	503732.1	5410725.3	41381.30078	273.88	0	48.849486	-86.949128	56288.68	56243.3	6.74	56295.42	56304.24219	56293.89672	56297.80859	503732.1	5410725.3
L3730.0	503732.1	5410725.3	41381.39844	274.78	0	48.849486	-86.949128	56288.78	56243.3	6.74	56295.51	56304.33203	56293.71623	56297.60938	503732.1	5410725.3
L3730.0	503732.1	5410723.4	41381.50000	276.88	0	48.849469	-86.949128	56288.81	56243.3	6.74	56295.54	56304.35547	56293.53854	56297.41406	503732.1	5410723.4
L3730.0	503732.1	5410721.8	41381.60156	276.15	0	48.849455	-86.949128	56289.27	56243.3	6.73	56296.01	56304.82031	56293.45538	56297.30859	503732.1	5410721.8
L3730.0	503732.1	5410720.0	41381.69922	277.68	0	48.849438	-86.949128	56289.04	56243.3	6.73	56295.77	56304.57422	56293.24788	56297.08203	503732.1	5410720.0
L3730.0	503732.1	5410720.0	41381.80078	279.91	0	48.849438	-86.949128	56288.88	56243.3	6.73	56295.62	56304.41797	56293.05861	56296.87109	503732.1	5410720.0
L3730.0	503732.1	5410718.3	41381.89844	279.65	0	48.849423	-86.949128	56288.91	56243.3	6.73	56295.64	56304.42578	56292.90832	56296.69531	503732.1	5410718.3
L3730.0	503732.1	5410718.3	41382.00000	281.09	0	48.849423	-86.949128	56288.32	56243.3	6.73	56295.05	56303.82422	56292.60912	56296.37109	503732.1	5410718.3
L3730.0	503732.1	5410716.7	41382.10156	280.08	0	48.849408	-86.949128	56288.38	56243.3	6.73	56295.11	56303.87500	56292.46226	56296.19922	503732.1	5410716.7
L3730.0	503732.1	5410715.4	41382.19922	280.64	0	48.849396	-86.949128	56287.75	56243.3	6.73	56294.48	56303.23047	56292.13291	56295.84375	503732.1	5410715.4
L3730.0	503732.2	5410714.0	41382.30078	279.09	0	48.849384	-86.949127	56287.66	56243.3	6.73	56294.39	56303.12500	56291.93542	56295.61719	503732.2	5410714.0
L3730.0	503732.2	5410714.0	41382.39844	278.98	0	48.849384	-86.949127	56287.74	56243.3	6.73	56294.47	56303.19141	56291.77614	56295.42969	503732.2	5410714.0
L3730.0	503732.2	5410712.1	41382.39844	278.98	0	48.849368	-86.949127	56288.04	56243.3	6.73	56294.77	56303.47266	56291.66561	56295.29297	503732.2	5410712.1
L3730.0	503732.2	5410710.7	41382.60156	278.55	0	48.849354	-86.949127	56287.71	56243.3	6.73	56294.45	56303.13672	56291.38069	56294.97656	503732.2	5410710.7
L3730.0	503732.2	5410709.7	41382.69922	278.27	0	48.849345	-86.949127	56287.69	56243.3	6.73	56294.42	56303.08594	56291.16088	56294.72656	503732.2	5410709.7
L3730.0	503732.2	5410709.7	41382.80078	278.53	0	48.849345	-86.949127	56287.12	56243.3	6.73	56293.85	56302.49609	56290.79628	56294.32813	503732.2	5410709.7
L3730.0	503732.2	5410708.0	41382.89844	277.24	0	48.849331	-86.949127	56286.85	56243.3	6.73	56293.58	56302.20703	56290.49959	56294.00000	503732.2	5410708.0
L3730.0	503732.2	5410708.0	41383.00000	276.07	0	48.849331	-86.949127	56287.38	56243.3	6.73	56294.11	56302.71094	56290.37123	56293.83984	503732.2	5410708.0
L3730.0	503732.2	5410706.2	41383.10156	273.09	0	48.849314	-86.949127	56287.02	56243.3	6.73	56293.75	56302.32813	56290.02915	56293.46094	503732.2	5410706.2
L3730.0	503732.2	5410705.0	41383.19922	273.97	0	48.849304	-86.949127	56286.97	56243.3	6.73	56293.70	56302.25391	56289.73886	56293.13672	503732.2	5410705.0
L3730.0	503732.2	5410703.4	41383.30078	271.39	0	48.849289	-86.949127	56286.54	56243.3	6.73	56293.27	56301.80078	56289.36618	56292.73047	503732.2	5410703.4
L3730.0	503732.2	5410703.4	41383.39844	271.07	0	48.849289	-86.949127	56286.79	56243.3	6.73	56293.52	56302.02344	56289.08928	56292.41406	503732.2	5410703.4
L3730.0	503732.2	5410701.6	41383.50000	272.22	0	48.849272	-86.949127	56286.64	56243.3	6.73	56293.38	56301.85547	56288.73409	56292.02344	503732.2	5410701.6
L3730.0	503732.2	5410700.5	41383.60156	272.38	0	48.849262	-86.949127	56286.54	56243.3	6.73	56293.27	56301.71875	56288.36962	56291.62109	503732.2	5410700.5
L3730.0	503732.2	5410700.5	41383.69922	273.11	0	48.849262	-86.949127	56286.23	56243.3	6.73	56292.96	56301.37891	56287.98118	56291.19531	503732.2	5410700.5
L3730.0	503732.2	5410698.8	41383.80078	274.53	0	48.849247	-86.949128	56285.90	56243.3	6.73	56292.63	56301.01953	56287.59472	56290.76953	503732.2	5410698.8

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L3730.0	503732.1	5410697.7	41383.89844	274.75	0	48.849238	-86.949128	56285.85	56243.3	6.73	56292.58	56300.93750	56287.21759	56290.35547	503732.1	5410697.7
L3730.0	503732.1	5410697.7	41384.00000	273.65	0	48.849238	-86.949128	56285.41	56243.3	6.73	56292.14	56300.46484	56286.84128	56289.93750	503732.1	5410697.7
L3730.0	503732.1	5410696.2	41384.10156	271.18	0	48.849224	-86.949128	56285.54	56243.3	6.73	56292.27	56300.56250	56286.45733	56289.51563	503732.1	5410696.2
L3730.0	503732.1	5410694.8	41384.19922	269.05	0	48.849211	-86.949128	56285.32	56243.3	6.72	56292.04	56300.30078	56286.08737	56289.10156	503732.1	5410694.8
L3730.0	503732.1	5410693.5	41384.30078	268.50	0	48.849200	-86.949128	56285.82	56243.3	6.72	56292.54	56300.76563	56285.77437	56288.75000	503732.1	5410693.5
L3730.0	503732.1	5410693.5	41384.39844	267.08	0	48.849200	-86.949128	56285.64	56243.3	6.72	56292.36	56300.55078	56285.38875	56288.32031	503732.1	5410693.5
L3730.0	503732.1	5410692.1	41384.39844	267.08	0	48.849187	-86.949128	56285.67	56243.3	6.72	56292.39	56300.54688	56285.04729	56287.93750	503732.1	5410692.1
L3730.0	503732.1	5410690.5	41384.60156	257.94	0	48.849173	-86.949128	56284.97	56243.3	6.71	56291.68	56299.79688	56284.59393	56287.44141	503732.1	5410690.5
L3730.0	503732.1	5410688.9	41384.69922	259.15	0	48.849159	-86.949128	56284.88	56243.3	6.71	56291.59	56299.67188	56284.25229	56287.05859	503732.1	5410688.9
L3730.0	503732.1	5410687.4	41384.80078	259.87	0	48.849145	-86.949129	56284.60	56243.3	6.71	56291.31	56299.35547	56283.89295	56286.65625	503732.1	5410687.4
L3730.0	503732.1	5410686.3	41384.89844	258.29	0	48.849135	-86.949129	56284.49	56243.3	6.70	56291.19	56299.19531	56283.56462	56286.28516	503732.1	5410686.3
L3730.0	503732.1	5410686.3	41385.00000	258.45	0	48.849135	-86.949129	56284.27	56243.3	6.70	56290.97	56298.93750	56283.23276	56285.91016	503732.1	5410686.3
L3730.0	503732.1	5410684.7	41385.10156	260.04	0	48.849121	-86.949129	56284.29	56243.3	6.70	56290.99	56298.91797	56282.93634	56285.56641	503732.1	5410684.7
L3730.0	503732.1	5410683.5	41385.19922	260.93	0	48.849109	-86.949129	56284.39	56243.3	6.71	56291.10	56298.98828	56282.65594	56285.24219	503732.1	5410683.5
L3730.0	503732.1	5410682.0	41385.30078	263.83	0	48.849096	-86.949129	56284.12	56243.3	6.71	56290.83	56298.67578	56282.34657	56284.89063	503732.1	5410682.0
L3730.0	503732.1	5410682.0	41385.39844	265.29	0	48.849096	-86.949129	56284.49	56243.3	6.72	56291.20	56299.00391	56282.10850	56284.60547	503732.1	5410682.0
L3730.0	503732.1	5410680.1	41385.50000	267.79	0	48.849079	-86.949128	56284.40	56243.3	6.72	56291.12	56298.88281	56281.83839	56284.29297	503732.1	5410680.1
L3730.0	503732.1	5410678.8	41385.60156	269.66	0	48.849067	-86.949128	56284.75	56243.3	6.72	56291.48	56299.19922	56281.61847	56284.02734	503732.1	5410678.8
L3730.0	503732.1	5410678.8	41385.69922	267.42	0	48.849067	-86.949128	56284.11	56243.3	6.73	56290.84	56298.51563	56281.32042	56283.68359	503732.1	5410678.8
L3730.0	503732.2	5410677.4	41385.80078	269.48	0	48.849055	-86.949128	56284.32	56243.3	6.73	56291.05	56298.68359	56281.10527	56283.42578	503732.2	5410677.4
L3730.0	503732.2	5410675.8	41385.89844	267.68	0	48.849040	-86.949127	56284.46	56243.3	6.74	56291.20	56298.78906	56280.89007	56283.16406	503732.2	5410675.8
L3730.0	503732.2	5410675.8	41386.00000	261.91	0	48.849040	-86.949127	56284.73	56243.3	6.74	56291.47	56299.01563	56280.68800	56282.91797	503732.2	5410675.8
L3730.0	503732.2	5410674.4	41386.10156	263.77	0	48.849028	-86.949126	56284.23	56243.3	6.74	56290.97	56298.46875	56280.41610	56282.60156	503732.2	5410674.4
L3730.0	503732.3	5410673.0	41386.19922	265.77	0	48.849016	-86.949126	56283.90	56243.3	6.74	56290.64	56298.09375	56280.15221	56282.28906	503732.3	5410673.0
L3730.0	503732.3	5410671.6	41386.30078	266.04	0	48.849003	-86.949125	56284.02	56243.3	6.74	56290.75	56298.16016	56279.91351	56282.00781	503732.3	5410671.6
L3730.0	503732.3	5410671.6	41386.39844	263.62	0	48.849003	-86.949125	56283.45	56243.3	6.74	56290.18	56297.54297	56279.59872	56281.64844	503732.3	5410671.6
L3730.0	503732.4	5410669.9	41386.39844	263.62	0	48.848988	-86.949125	56283.42	56243.3	6.74	56290.15	56297.46875	56279.31350	56281.31641	503732.4	5410669.9
L3730.0	503732.4	5410668.5	41386.60156	262.45	0	48.848975	-86.949124	56283.24	56243.3	6.73	56289.98	56297.25000	56278.99849	56280.95703	503732.4	5410668.5
L3730.0	503732.5	5410666.6	41386.69922	261.39	0	48.848958	-86.949123	56283.60	56243.3	6.73	56290.33	56297.55469	56278.70436	56280.61719	503732.5	5410666.6
L3730.0	503732.5	5410666.6	41386.80078	262.07	0	48.848958	-86.949123	56283.53	56243.3	6.73	56290.26	56297.43750	56278.36372	56280.23047	503732.5	5410666.6
L3730.0	503732.5	5410665.4	41386.89844	260.07	0	48.848947	-86.949123	56283.88	56243.3	6.73	56290.61	56297.73828	56278.03531	56279.85938	503732.5	5410665.4
L3730.0	503732.6	5410664.0	41387.00000	261.92	0	48.848934	-86.949122	56283.63	56243.3	6.73	56290.36	56297.44141	56277.66576	56279.44531	503732.6	5410664.0
L3730.0	503732.6	5410664.0	41387.10156	263.00	0	48.848934	-86.949122	56283.37	56243.3	6.73	56290.10	56297.13281	56277.29628	56279.03125	503732.6	5410664.0
L3730.0	503732.6	5410662.5	41387.19922	262.83	0	48.848921	-86.949122	56283.48	56243.3	6.73	56290.20	56297.18750	56276.94066	56278.63281	503732.6	5410662.5
L3730.0	503732.6	5410661.1	41387.30078	261.63	0	48.848909	-86.949121	56283.32	56243.3	6.72	56290.04	56296.97656	56276.58095	56278.22656	503732.6	5410661.1
L3730.0	503732.7	5410659.6	41387.39844	260.90	0	48.848895	-86.949121	56283.17	56243.3	6.72	56289.89	56296.77734	56276.22881	56277.83203	503732.7	5410659.6
L3730.0	503732.7	5410659.6	41387.50000	262.00	0	48.848895	-86.949121	56282.60	56243.3	6.72	56289.32	56296.16016	56275.88335	56277.44141	503732.7	5410659.6
L3730.0	503732.7	5410657.7	41387.60156	259.85	0	48.848878	-86.949120	56282.78	56243.3	6.72	56289.50	56296.28906	56275.55471	56277.07031	503732.7	5410657.7
L3730.0	503732.7	5410656.3	41387.69922	259.94	0	48.848865	-86.949120	56282.84	56243.3	6.72	56289.56	56296.30078	56275.23563	56276.71094	503732.7	5410656.3
L3730.0	503732.7	5410654.9	41387.80078	258.27	0	48.848853	-86.949120	56283.02	56243.3	6.71	56289.73	56296.42188	56274.92835	56276.35938	503732.7	5410654.9
L3730.0	503732.7	5410654.9	41387.89844	258.31	0	48.848853	-86.949120	56283.02	56243.3	6.71	56289.73	56296.37109	56274.63515	56276.02344	503732.7	5410654.9
L3730.0	503732.7	5410653.3	41388.00000	257.14	0	48.848838	-86.949120	56283.02	56243.3	6.71	56289.73	56296.32422	56274.35610	56275.70313	503732.7	5410653.3
L3730.0	503732.7	5410651.9	41388.10156	257.51	0	48.848825	-86.949120	56283.25	56243.3	6.71	56289.96	56296.50391	56274.09218	56275.39844	503732.7	5410651.9
L3730.0	503732.7	5410651.9	41388.19922	257.65	0	48.848825	-86.949120	56282.86	56243.3	6.71	56289.57	56296.06250	56273.85566	56275.12109	503732.7	5410651.9
L3730.0	503732.7	5410650.5	41388.30078	257.30	0	48.848813	-86.949120	56282.96	56243.3	6.71	56289.67	56296.11328	56273.64108	56274.86328	503732.7	5410650.5
L3730.0	503732.7	5410648.8	41388.39844	258.81	0	48.848797	-86.949120	56282.50	56243.3	6.71	56289.21	56295.60547	56273.45971	56274.64453	503732.7	5410648.8
L3730.0	503732.7	5410648.8	41388.39844	258.81	0	48.848797	-86.949120	56282.86	56243.3	6.71	56289.57	56295.91406	56273.31250	56274.45703	503732.7	5410648.8
L3730.0	503732.7	5410647.1	41388.60156	258.35	0	48.848782	-86.949120	56282.48	56243.3	6.71	56289.19	56295.48438	56273.19782	56274.30078	503732.7	5410647.1
L3730.0	503732.7	5410645.7	41388.69922	260.17	0	48.848770	-86.949120	56282.61	56243.3	6.71	56289.32	56295.56250	56273.12474	56274.19141	503732.7	5410645.7
L3730.0	503732.7	5410644.3	41388.80078	262.09	0	48.848757	-86.949120	56282.25	56243.3	6.71	56288.96	56295.15625	56273.06938	56274.09375	503732.7	5410644.3
L3730.0	503732.7	5410644.3	41388.89844	262.41	0	48.848757	-86.949120	56282.22	56243.3	6.71	56288.93	56295.07422	56273.04882	56274.03516	503732.7	5410644.3
L3730.0	503732.7	5410642.4	41389.00000	262.91	0	48.848740	-86.949120	56282.36	56243.3	6.71	56289.07	56295.16406	56273.05866	56274.00781	503732.7	5410642.4
L3730.0	503732.7	5410640.8	41389.10156	261.73	0	48.848726	-86.949121	56281.89	56243.3	6.71	56288.60	56294.64453	56273.03525	56273.94922	503732.7	5410640.8
L3730.0	503732.7	5410639.4	41389.19922	261.84	0	48.848713	-86.949121	56282.20	56243.3	6.71	56288.91	56294.90625	56273.07828	56273.95703	503732.7	5410639.4
L3730.0	503732.7	5410639.4	41389.30078	259.84	0	48.848713	-86.949121	56281.56	56243.3	6.71	56288.26	56294.20703	56273.02622	56273.86719	503732.7	5410639.4
L3730.0	503732.7	5410638.0	41389.39844	260.68	0	48.848700	-86.949121	56282.22	56243.3	6.71	56288.93	56294.82422	56273.11353	56273.91797	503732.7	5410638.0
L3730.0	503732.7	5410636.5	41389.39844	260.68	0	48.848687	-86.949121	56282.05	56243.3	6.71	56288.76	56294.60547	56273.09946	56273.87109	503732.7	5410636.5
L3730.0	503732.6	5410634.8	41389.60156	257.56	0	48.848672	-86.949121	56282.17	56243.3	6.71	56288.88	56294.67578	56273.11870	56273.85547	503732.6	5410634.8
L3730.0	503732.6	5410633.5	41389.69922	257.36	0	48.848660	-86.949122	56281.92	56243.3	6.71	56288.63	56294.37891	56273.07218	56273.77344	503732.6	5410633.5
L3730.0	503732.6	5410633.5	41389.80078	259.83	0	48.848660	-86.949122	56281.87	56243.3	6.71	56288.58	56294.27734	56273.04667	56273.71484	503732.6	5410633.5
L3730.0	503732.6	5410631.7	41389.89844	274.28	0	48.848644	-86.949122	56282.04	56243.3	6.71	56288.75	56294.39844	56273.05504	56273.69141	503732.6	5410631.7
L3730.0	503732.6	5410631.7	41389.89844	274.28	0	48.848644	-86.949122	56281.94	56243.3	6.71	56288.65	56294.25000	56273.01201	56273.61719	503732.6	5410631.7
L3730.0	503732.6	5410630.2	41390.00000	275.00	0	48.848630	-86.949122	56281.84	56243.3	6.71	56288.55	56294.10156	56272.28047	56272.85156	503732.6	5410630.2
L3730.0	503732.6	5410629.0	41390.19922	272.24	0	48.848620	-86.949121	56281.08	56243.3	6.71	56287.78	56293.28516	56272.29318	56272.83594	503732.6	5410629.0
L3730.0	503732.6	5410629.0	41390.30078	271.73	0	48.848620	-86.949121	56281.13	56243.3	6.70	56287.83	56293.28516	56272.23708	56272.75000	503732.6	5410629.0
L3730.0	503732.7	5410626.0	41390.39844	271.67	0	48.848592	-86.949121	56280.69	56243.3	6.70	56287.39	56292.79688	56272.21483	56272.69531	503732.7	5410626.0
L3730.0	503732.7	5410626.0	41390.39844	271.67	0	48.848592	-86.949121	56281.23	56243.3	6.70	56287.94	56293.30078	56272.15087	56272.60156	503732.7	5410626.0
L3730.0	503732.7	5410624.7	41390.60156	264.41	0	48.848581	-86.949121	56281.56	56243.3	6.70	56288.25	56293.56250	56272.11720	56272.53906	503732.7	5410624.7
L3730.0	503732.6	5410623.0	41390.69922	263.67	0	48.848565	-86.949122	56281.66	56243.3	6.70	56288.36	56293.62500	56272.10331	56272.50000	503732.6	5410623.0
L3730.0	503732.6	5410623.0	41390.80078	260.90	0	48.848565	-86.949122	56281.22	56243.3	6.69	56287.92	56293.13672	56272.10020	56272.46875	503732.6	5410623.0
L3730.0	503732.6	5410621.6	41390.89844	262.30	0	48.848553	-86.949122	56280.68	56243.3	6.69	56287.37	56292.54297	56272.09243	56272.43359	503732.6	5410621.6
L3730.0	503732.6	5410619.7	41391.00000	265.29	0	48.848536	-86.949122	56280.48	56243.3	6.69	56287.17	56292.29688	56272.08551	56272.40234	503732.6	5410619.7
L3730.0	503732.6	5410619.7	41391.10156	268.14	0	48.848536	-86.949122	56280.21	56243.3	6.69	56286.90	56291.98047	56272.07638	56272.36719	503732.6	5410619.7
L3730.0	503732.6	5410618.2	41391.19922	269.55	0	48.848523	-86.949123	56280.74	56243.3	6.69	56287.43	56292.46484	56272.11345	56272.37891	503732.6	5410618.2
L3730.0	503732.5	5410616.5	41391.30078	269.48	0	48.848507	-86.949123	56280.71	56243.3	6.69	56287.40	56292.38672	56272.13592	56272.37891	503732.5	5410616.5
L3730.0	503732.5	5410616.5	41391.39844	272.42	0	48.848507	-86.949123	56280.71	56243.3	6.69	56287.40	56292.34375	56272.17348	56272.39063	503732.5	5410616.5
L3730.0	503732.5	5410614.6	41391.50000	273.58	0	48.848490	-86.949124	56280.38	56243.3	6.69	56287.07	56291.96875	56272.19222	56272.38672	503732.5	5410614.6
L3730.0	503732.5	5410613.2	41391.60156	275.48	0	48.848477	-86.949124	56280.49	56243.3	6.69	56287.18	56292.03516	56272.26584	56272.43750	503732.5	5410613.2
L3730.0	503732.5	5410613.2	41391.69922	276.44	0	48.848477	-86.949124	56280.10	56243.3	6.69	56286.79	56291.59766	56272.28421	56272.43750	503732.5	5410613.2
L3730.0	503732.5	5410611.0	41391.80078	276.44	0	48.848457	-86.949124	56279.93	56243.3	6.69	56286.62	56291.38672	56272.32506	56272.45703	503732.5	5410611.0
L3730.0	503732.4	5410609.3	41391.89844	276.88	0	48.848442	-86.949125	56280.23	56243.3	6.69	56286.92	56291.64063	56272.43185	56272.54297	503732.4	5410609.3
L3730.0	503732.4	5410607.9	41392.00000	277.94	0	48.848429	-86.949125	56279.93	56243.3	6.69	56286.62	56291.30078	56272.42115	56272.51172	503732.4	5410607.9
L3730.0	503732.4	5410606.4	41392.10156	279.63	0	48.848416	-86.949125	56280.13	56243.3	6.69	56286.82	56291.45703	56272.46795	56272.53906	503732.4	5410606.4
L3730.0	503732.4	5410606.4	41392.19922	278.24	0	48.848416	-86.949125	56279.88	56243.3	6.68	56286.56	56291.15234	56272.38847	56272.44141	503732.4	5410606.4
L3730.0	503732.4	5410605.2	41392.30078	278.72	0	48.848405	-86.949125	56279.85	56243.3	6.68	56286.53	56291.08203	56272.30694	56272.34375	503732.4	5410605.2
L3730.0	503732.4	5410603.5	41392.39844	278.26	0	48.848390	-86.949126	56279.49	56243.3	6.67	56286.17	56290.67969	56272.10386	56272.12109	503732.4	5410603.5
L3730.0	503732.4	5410603.5	41392.39844	278.26	0	48.848390	-86.949126	56279.68	56243.3	6.67	56286.35	56290.82031	56271.96288	56271.96484	503732.4	5410603.5
L3730.0	503732.3	5410601.4	41392.60156	276.18	0	48.848371	-86.949126	56279.54	56243.3	6.67	56286.21	56290.64063	56271.70454	56271.68750	503732.3	5410601.4
L3730.0	503732.3	5410600.1	41392.69922	275.72	0	48.848360	-86.949126	56279.66	56243.3	6.66	56286.33	56290.71875	56271.44348	56271.41406	503732.3	5410600.1
L3730.0	503732.3	5410600.1	41392.80078	275.32	0	48.848360	-86.949126	56279.46	56243.3	6.66	56286.12	56290.46875	56271.05950	56271.01563	503732.3	5410600.1
L3730.0	503732.3	5410598.3	41392.89844	272.30	0	48.848343	-86.949126	56279.09	56243.3	6.65	56285.74	56290.05078	56270.58744	56270.52734	503732.3	5410598.3
L3730.0	503732.3	5410597.2	41393.00000	272.07	0	48.848333	-86.949127	56279.29	56243.3	6.65	56285.94	56290.21094	56270.16416	56270.08984	503732.3	5410597.2
L3730.0	503732.3	5410595.6	41393.10156	273.36	0	48.848319	-86.949127	56279.26	56243.3	6.65	56285.91	56290.14453	56269.63276	56269.54688	503732.3	5410595.6

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L3730.0	503732.3	5410595.6	41393.19922	274.73	0	48.848319	-86.949127	56279.49	56243.3	6.65	56286.15	56290.34766	56269.06203	56268.96094	503732.3	5410595.6
L3730.0	503732.3	5410594.2	41393.30078	273.39	0	48.848306	-86.949127	56278.98	56243.3	6.66	56285.64	56289.80078	56268.31809	56268.20703	503732.3	5410594.2
L3730.0	503732.2	5410593.0	41393.39844	273.13	0	48.848296	-86.949127	56279.03	56243.3	6.66	56285.69	56289.81250	56267.57993	56267.45703	503732.2	5410593.0
L3730.0	503732.2	5410591.3	41393.50000	273.35	0	48.848280	-86.949128	56279.09	56243.3	6.66	56285.75	56289.83594	56266.78050	56266.64453	503732.2	5410591.3
L3730.0	503732.2	5410591.3	41393.60156	272.59	0	48.848280	-86.949128	56279.14	56243.3	6.66	56285.80	56289.85156	56265.92573	56265.78125	503732.2	5410591.3
L3730.0	503732.2	5410589.6	41393.69922	271.88	0	48.848265	-86.949128	56278.90	56243.3	6.66	56285.56	56289.57813	56265.02434	56264.86719	503732.2	5410589.6
L3730.0	503732.2	5410587.7	41393.80078	270.73	0	48.848248	-86.949128	56278.91	56243.3	6.67	56285.57	56289.55078	56264.09280	56263.92578	503732.2	5410587.7
L3730.0	503732.2	5410587.7	41393.89844	271.87	0	48.848248	-86.949128	56278.91	56243.3	6.67	56285.57	56289.51953	56263.13674	56262.96094	503732.2	5410587.7
L3730.0	503732.1	5410585.8	41394.00000	270.07	0	48.848231	-86.949129	56278.72	56243.3	6.67	56285.39	56289.30469	56263.25061	56263.06641	503732.1	5410585.8
L3730.0	503732.1	5410584.6	41394.10156	266.22	0	48.848220	-86.949129	56278.77	56243.3	6.67	56285.44	56289.32422	56262.35460	56262.16016	503732.1	5410584.6
L3730.0	503732.1	5410584.6	41394.19922	266.64	0	48.848220	-86.949129	56278.50	56243.3	6.67	56285.17	56289.01953	56261.41003	56261.20703	503732.1	5410584.6
L3730.0	503732.1	5410583.0	41394.30078	267.71	0	48.848206	-86.949129	56278.46	56243.3	6.66	56285.13	56288.94922	56260.51352	56260.30469	503732.1	5410583.0
L3730.0	503732.1	5410581.4	41394.39844	263.52	0	48.848191	-86.949130	56278.27	56243.3	6.66	56284.93	56288.71875	56259.61742	56259.40234	503732.1	5410581.4
L3730.0	503732.1	5410581.4	41394.39844	263.52	0	48.848191	-86.949130	56278.29	56243.3	6.66	56284.95	56288.70703	56258.76841	56258.54688	503732.1	5410581.4
L3730.0	503732.1	5410579.9	41394.60156	256.73	0	48.848178	-86.949130	56278.09	56243.3	6.66	56284.74	56288.46875	56257.93010	56257.69922	503732.1	5410579.9
L3730.0	503732.0	5410578.5	41394.69922	254.69	0	48.848165	-86.949130	56278.04	56243.3	6.66	56284.70	56288.39844	56257.13808	56256.90234	503732.0	5410578.5
L3730.0	503732.0	5410576.7	41394.80078	257.17	0	48.848149	-86.949131	56277.78	56243.3	6.65	56284.43	56288.10156	56256.37657	56256.13281	503732.0	5410576.7
L3730.0	503732.0	5410576.7	41394.89844	256.26	0	48.848149	-86.949131	56277.63	56243.3	6.65	56284.28	56287.92188	56255.66650	56255.41797	503732.0	5410576.7
L3730.0	503732.0	5410575.0	41395.00000	255.28	0	48.848133	-86.949131	56277.42	56243.3	6.65	56284.07	56287.68359	56255.00497	56254.75391	503732.0	5410575.0
L3730.0	503732.0	5410573.3	41395.10156	256.25	0	48.848118	-86.949131	56277.35	56243.3	6.65	56284.00	56287.58984	56254.39644	56254.13672	503732.0	5410573.3
L3730.0	503732.0	5410573.3	41395.19922	258.12	0	48.848118	-86.949131	56277.56	56243.3	6.65	56284.21	56287.77344	56253.83743	56253.57422	503732.0	5410573.3
L3730.0	503731.9	5410571.3	41395.30078	260.94	0	48.848101	-86.949132	56277.20	56243.3	6.65	56283.85	56287.38672	56253.33666	56253.07031	503731.9	5410571.3
L3730.0	503731.9	5410570.0	41395.39844	261.05	0	48.848089	-86.949132	56277.22	56243.3	6.65	56283.87	56287.38281	56252.88559	56252.61328	503731.9	5410570.0
L3730.0	503731.9	5410568.7	41395.50000	260.55	0	48.848077	-86.949132	56277.20	56243.3	6.65	56283.85	56287.33984	56252.48872	56252.21484	503731.9	5410568.7
L3730.0	503731.9	5410567.3	41395.60156	262.70	0	48.848065	-86.949132	56277.40	56243.3	6.65	56284.05	56287.51563	56252.14227	56251.86328	503731.9	5410567.3
L3730.0	503731.9	5410567.3	41395.69922	265.38	0	48.848065	-86.949132	56277.09	56243.3	6.65	56283.74	56287.18359	56251.85613	56251.57422	503731.9	5410567.3
L3730.0	503731.9	5410565.1	41395.80078	262.27	0	48.848045	-86.949132	56277.45	56243.3	6.65	56284.10	56287.51953	56251.60720	56251.32031	503731.9	5410565.1
L3730.0	503731.9	5410565.1	41395.89844	260.39	0	48.848045	-86.949132	56277.38	56243.3	6.65	56284.03	56287.42969	56251.40233	56251.11328	503731.9	5410565.1
L3730.0	503731.9	5410563.4	41396.00000	260.94	0	48.848029	-86.949132	56277.30	56243.3	6.65	56283.95	56287.32813	56251.22699	56250.93359	503731.9	5410563.4
L3730.0	503731.9	5410561.9	41396.10156	261.67	0	48.848016	-86.949132	56276.99	56243.3	6.65	56283.64	56286.99609	56251.06490	56250.76953	503731.9	5410561.9
L3730.0	503731.9	5410561.9	41396.19922	261.21	0	48.848016	-86.949132	56276.41	56243.3	6.65	56283.06	56286.39844	56250.88978	56250.58984	503731.9	5410561.9
L3730.0	503731.9	5410560.2	41396.30078	261.17	0	48.848000	-86.949132	56276.28	56243.3	6.66	56282.93	56286.25000	56250.69470	56250.39063	503731.9	5410560.2
L3730.0	503731.9	5410558.8	41396.39844	260.22	0	48.847988	-86.949132	56275.66	56243.3	6.66	56282.32	56285.62109	56250.47003	56250.16406	503731.9	5410558.8
L3730.0	503731.9	5410558.8	41396.39844	260.22	0	48.847988	-86.949132	56275.71	56243.3	6.66	56282.37	56285.65234	56250.23508	56249.92578	503731.9	5410558.8
L3730.0	503731.9	5410557.0	41396.60156	261.40	0	48.847971	-86.949132	56275.52	56243.3	6.66	56282.18	56285.44531	56249.97182	56249.66016	503731.9	5410557.0
L3730.0	503731.9	5410555.5	41396.69922	260.88	0	48.847958	-86.949132	56275.61	56243.3	6.66	56282.27	56285.51953	56249.69124	56249.37500	503731.9	5410555.5
L3730.0	503731.9	5410554.2	41396.80078	260.76	0	48.847946	-86.949132	56275.49	56243.3	6.67	56282.15	56285.38672	56249.37910	56249.06250	503731.9	5410554.2
L3730.0	503731.9	5410554.2	41396.89844	261.58	0	48.847946	-86.949132	56275.10	56243.3	6.67	56281.77	56284.99219	56249.03331	56248.71484	503731.9	5410554.2
L3730.0	503731.9	5410552.7	41397.00000	262.70	0	48.847933	-86.949133	56275.02	56243.3	6.67	56281.69	56284.89844	56248.67272	56248.34766	503731.9	5410552.7
L3730.0	503731.8	5410551.1	41397.10156	262.61	0	48.847918	-86.949134	56274.49	56243.3	6.67	56281.16	56284.35547	56248.27403	56247.94922	503731.8	5410551.1
L3730.0	503731.8	5410549.6	41397.19922	263.89	0	48.847905	-86.949134	56274.70	56243.3	6.67	56281.36	56284.54297	56247.87708	56247.54688	503731.8	5410549.6
L3730.0	503731.8	5410549.6	41397.30078	261.90	0	48.847905	-86.949134	56274.59	56243.3	6.66	56281.26	56284.42969	56247.44873	56247.11719	503731.8	5410549.6
L3730.0	503731.8	5410549.6	41397.39844	259.97	0	48.847905	-86.949134	56274.49	56243.3	6.66	56281.15	56284.30859	56246.99907	56246.66406	503731.8	5410549.6
L3730.0	503731.7	5410547.5	41397.50000	261.27	0	48.847887	-86.949135	56274.11	56243.3	6.66	56280.77	56283.91797	56246.51983	56246.17969	503731.7	5410547.5
L3730.0	503731.7	5410545.9	41397.60156	263.46	0	48.847872	-86.949135	56273.73	56243.3	6.66	56280.39	56283.52734	56246.01862	56245.67578	503731.7	5410545.9
L3730.0	503731.7	5410544.7	41397.69922	261.81	0	48.847861	-86.949136	56273.70	56243.3	6.66	56280.36	56283.48828	56245.50234	56245.15625	503731.7	5410544.7
L3730.0	503731.6	5410543.5	41397.80078	260.43	0	48.847851	-86.949136	56273.18	56243.3	6.65	56279.84	56282.96094	56244.95298	56244.60156	503731.6	5410543.5
L3730.0	503731.6	5410543.5	41397.89844	261.67	0	48.847851	-86.949136	56273.06	56243.3	6.65	56279.72	56282.83203	56244.38937	56244.03516	503731.6	5410543.5
L3730.0	503731.6	5410542.3	41398.00000	260.62	0	48.847839	-86.949137	56272.70	56243.3	6.65	56279.35	56282.45703	56243.79919	56243.44141	503731.6	5410542.3
L3730.0	503731.5	5410540.5	41398.10156	259.09	0	48.847824	-86.949138	56272.50	56243.3	6.65	56279.16	56282.25781	56243.18798	56242.82422	503731.5	5410540.5
L3730.0	503731.5	5410539.2	41398.19922	260.45	0	48.847812	-86.949138	56271.91	56243.3	6.65	56278.56	56281.65234	56242.55307	56242.18750	503731.5	5410539.2
L3730.0	503731.5	5410539.2	41398.30078	261.21	0	48.847812	-86.949138	56271.98	56243.3	6.66	56278.64	56281.73047	56241.89535	56241.52344	503731.5	5410539.2
L3730.0	503731.4	5410537.5	41398.39844	260.59	0	48.847797	-86.949139	56272.04	56243.3	6.66	56278.70	56281.78516	56241.21296	56240.83594	503731.4	5410537.5
L3730.0	503731.3	5410535.8	41398.39844	260.59	0	48.847781	-86.949140	56272.04	56243.3	6.66	56278.70	56281.78125	56240.50849	56240.12500	503731.3	5410535.8
L3730.0	503731.3	5410535.8	41398.60156	257.98	0	48.847781	-86.949140	56271.58	56243.3	6.66	56278.24	56281.31641	56239.79711	56239.41016	503731.3	5410535.8
L3730.0	503731.3	5410534.2	41398.69922	257.49	0	48.847767	-86.949141	56270.82	56243.3	6.66	56277.48	56280.55469	56239.08603	56238.69141	503731.3	5410534.2
L3730.0	503731.3	5410534.2	41398.80078	255.82	0	48.847767	-86.949141	56270.97	56243.3	6.67	56277.63	56280.70313	56238.33947	56237.94141	503731.3	5410534.2
L3730.0	503731.2	5410532.4	41398.89844	257.26	0	48.847751	-86.949142	56270.62	56243.3	6.67	56277.28	56280.35156	56237.61257	56237.20703	503731.2	5410532.4
L3730.0	503731.1	5410530.3	41399.00000	254.85	0	48.847732	-86.949143	56270.66	56243.3	6.67	56277.33	56280.40234	56236.87054	56236.45703	503731.1	5410530.3
L3730.0	503731.1	5410529.1	41399.10156	254.39	0	48.847721	-86.949144	56269.70	56243.3	6.67	56276.37	56279.44141	56236.19508	56235.77734	503731.1	5410529.1
L3730.0	503731.1	5410529.1	41399.19922	257.57	0	48.847721	-86.949144	56269.76	56243.3	6.67	56276.43	56279.50391	56235.47221	56235.04688	503731.1	5410529.1
L3730.0	503731.0	5410527.4	41399.30078	259.84	0	48.847705	-86.949145	56269.08	56243.3	6.67	56275.75	56278.82422	56234.98710	56234.55469	503731.0	5410527.4
L3730.0	503731.0	5410526.3	41399.39844	259.57	0	48.847695	-86.949145	56269.06	56243.3	6.67	56275.72	56278.79688	56234.47153	56234.03125	503731.0	5410526.3
L3730.0	503730.9	5410524.7	41399.50000	255.85	0	48.847681	-86.949146	56268.57	56243.3	6.67	56275.24	56278.32031	56233.98113	56233.53125	503730.9	5410524.7
L3730.0	503730.9	5410523.4	41399.60156	255.39	0	48.847669	-86.949146	56268.06	56243.3	6.66	56274.72	56277.80469	56233.48852	56233.03125	503730.9	5410523.4
L3730.0	503730.9	5410523.4	41399.69922	256.31	0	48.847669	-86.949146	56267.86	56243.3	6.66	56274.52	56277.60938	56232.96964	56232.50000	503730.9	5410523.4
L3730.0	503730.9	5410521.3	41399.80078	255.38	0	48.847651	-86.949146	56267.52	56243.3	6.66	56274.18	56277.27344	56232.45514	56231.97656	503730.9	5410521.3
L3730.0	503730.9	5410521.3	41399.89844	255.47	0	48.847651	-86.949146	56267.53	56243.3	6.66	56274.19	56277.28906	56231.91228	56231.42578	503730.9	5410521.3
L3730.0	503730.9	5410519.9	41400.00000	255.54	0	48.847638	-86.949147	56266.63	56243.3	6.66	56273.29	56276.39453	56231.42504	56230.92969	503730.9	5410519.9
L3730.0	503730.9	5410518.4	41400.10156	255.49	0	48.847625	-86.949147	56266.61	56243.3	6.66	56273.27	56276.38281	56230.87403	56230.36719	503730.9	5410518.4
L3730.0	503730.9	5410518.4	41400.19922	256.31	0	48.847625	-86.949147	56265.75	56243.3	6.67	56272.41	56275.53125	56230.37388	56229.85547	503730.9	5410518.4
L3730.0	503730.9	5410516.8	41400.30078	258.09	0	48.847610	-86.949147	56265.88	56243.3	6.67	56272.55	56275.67969	56229.80188	56229.27344	503730.9	5410516.8
L3730.0	503730.9	5410514.6	41400.39844	259.00	0	48.847590	-86.949147	56265.05	56243.3	6.67	56271.72	56274.85547	56229.28932	56228.75000	503730.9	5410514.6
L3730.0	503730.9	5410512.8	41400.39844	259.00	0	48.847574	-86.949146	56264.77	56243.3	6.67	56271.44	56274.58594	56228.73484	56228.18359	503730.9	5410512.8
L3730.0	503730.9	5410512.8	41400.60156	257.51	0	48.847574	-86.949146	56264.18	56243.3	6.68	56270.86	56274.01563	56228.19506	56227.62891	503730.9	5410512.8
L3730.0	503730.9	5410511.3	41400.69922	258.50	0	48.847560	-86.949146	56263.54	56243.3	6.68	56270.22	56273.38672	56227.65394	56227.07813	503730.9	5410511.3
L3730.0	503730.9	5410511.3	41400.80078	258.86	0	48.847560	-86.949146	56263.55	56243.3	6.68	56270.23	56273.40625	56227.16575	56226.57422	503730.9	5410511.3
L3730.0	503731.0	5410509.7	41400.89844	256.37	0	48.847546	-86.949146	56262.98	56243.3	6.69	56269.66	56272.84766	56226.82338	56226.21875	503731.0	5410509.7
L3730.0	503731.0	5410508.2	41401.00000	257.54	0	48.847533	-86.949145	56262.95	56243.3	6.69	56269.64	56272.83984	56226.45622	56225.83984	503731.0	5410508.2
L3730.0	503731.0	5410506.8	41401.10156	258.78	0	48.847520	-86.949145	56261.98	56243.3	6.69	56268.67	56271.88281	56226.13953	56225.50781	503731.0	5410506.8
L3730.0	503731.0	5410505.1	41401.19922	259.06	0	48.847505	-86.949145	56261.50	56243.3	6.69	56268.20	56271.42578	56225.79034	56225.14453	503731.0	5410505.1
L3730.0	503731.0	5410505.1	41401.30078	258.33	0	48.847505	-86.949145	56261.27	56243.3	6.69	56267.96	56271.19922	56225.42203	56224.76172	503731.0	5410505.1
L3730.0	503731.1	5410504.0	41401.39844	258.89	0	48.847495	-86.949144	56261.13	56243.3	6.69	56267.82	56271.07422	56225.03783	56224.36328	503731.1	5410504.0
L3730.0	503731.1	5410502.3	41401.50000	259.03	0	48.847479	-86.949144	56260.15	56243.3	6.69	56266.84	56270.10938	56224.65987	56223.96875	503731.1	5410502.3
L3730.0	503731.1	5410502.3	41401.60156	259.24	0	48.847479	-86.949144	56259.40	56243.3	6.70	56266.09	56269.37500	56224.24890	56223.53906	503731.1	5410502.3
L3730.0	503731.1	5410500.8	41401.69922	261.87	0	48.847466	-86.949143	56259.08	56243.3	6.70	56265.78	56269.07813	56223.80256	56223.07813	503731.1	5410500.8
L3730.0	503731.1	5410500.8	41401.80078	261.90	0	48.847466	-86.949143	56258.65	56243.3	6.70	56265.35	56268.66406	56223.33563	56222.59375	503731.1	5410500.8
L3730.0	503731.2	5410498.9	41401.89844	260.79	0	48.847449	-86.949143	56258.13	56243.3	6.70	56264.83	56268.16016	56222.84708	56222.08984	503731.2	5410498.9
L3730.0	503731.2	5410497.2	41402.00000	260.00	0	48.847434	-86.949142	56257.11	56243.3	6.70	56263.81	56267.16016	56222.34081	56221.56641	503731.2	5410497.2
L3730.0	503731.2	5410495.9	41402.10156	259.69	0	48.847422	-86.949143	56256.55	56243.3	6.70	56263.25	56266.61719	56221.80728	56221.01563	503731.2	5410495.9
L3730.0	503731.2	5410495.9	41402.19922	261.71	0	48.847422	-86.949143	56255.63	56243.3	6.70	56262.32	56265.70313	56221.25473	56220.44531	503731.2	5410495.9
L3730.0	503731.2	5410494.3	41402.30078	261.66	0	48.847407	-86.949143	56254.99	56243.3	6.69	56261.68	56265.08203	56220.68011	56219.85156	503731.2	5410494.3
L3730.0	503731.2	5410492.9	41402.39844	260.85	0	48.847395	-86.949143	56253.74	56243.3	6.69	56260.43	56263.85156	56220.08883	56219.24219	503731.2	5410492.9

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L3730.0	503731.2	5410492.9	41402.39844	260.85	0	48.847395	-86.949143	56252.92	56243.3	6.69	56259.61	56263.05078	56219.47864	56218.61328	503731.2	5410492.9
L3730.0	503731.1	5410491.1	41402.60156	259.43	0	48.847379	-86.949143	56252.27	56243.3	6.69	56258.95	56262.41016	56218.85299	56217.96484	503731.1	5410491.1
L3730.0	503731.1	5410489.6	41402.69922	259.68	0	48.847366	-86.949144	56251.68	56243.3	6.69	56258.36	56261.83984	56218.21519	56217.30859	503731.1	5410489.6
L3730.0	503731.1	5410488.3	41402.80078	261.15	0	48.847354	-86.949145	56251.98	56243.3	6.68	56258.66	56262.16016	56217.56690	56216.64063	503731.1	5410488.3
L3730.0	503731.0	5410486.9	41402.89844	259.21	0	48.847341	-86.949145	56251.98	56243.3	6.68	56258.66	56262.17969	56216.91170	56215.96484	503731.0	5410486.9
L3730.0	503731.0	5410486.9	41403.00000	258.33	0	48.847341	-86.949145	56251.88	56243.3	6.68	56258.56	56262.10156	56216.25076	56215.28516	503731.0	5410486.9
L3730.0	503731.0	5410484.8	41403.10156	257.08	0	48.847322	-86.949146	56250.22	56243.3	6.68	56256.90	56260.46484	56215.58678	56214.60156	503731.0	5410484.8
L3730.0	503731.0	5410484.8	41403.19922	259.03	0	48.847322	-86.949146	56249.63	56243.3	6.68	56256.32	56259.90625	56214.91960	56213.91016	503731.0	5410484.8
L3730.0	503731.0	5410483.3	41403.30078	259.70	0	48.847309	-86.949146	56247.67	56243.3	6.68	56254.36	56257.96875	56214.25099	56213.22266	503731.0	5410483.3
L3730.0	503731.0	5410481.8	41403.39844	260.28	0	48.847296	-86.949146	56247.86	56243.3	6.68	56254.55	56258.17969	56213.58343	56212.53516	503731.0	5410481.8
L3730.0	503731.0	5410480.6	41403.50000	258.77	0	48.847285	-86.949145	56247.01	56243.3	6.68	56253.70	56257.35156	56212.91574	56211.84375	503731.0	5410480.6
L3730.0	503731.0	5410480.6	41403.60156	257.78	0	48.847285	-86.949145	56246.70	56243.3	6.69	56253.38	56257.05469	56212.24888	56211.15625	503731.0	5410480.6
L3730.0	503731.0	5410479.2	41403.69922	258.20	0	48.847272	-86.949145	56245.91	56243.3	6.69	56252.59	56256.28906	56211.57926	56210.46484	503731.0	5410479.2
L3730.0	503731.1	5410477.9	41403.80078	258.84	0	48.847260	-86.949144	56244.99	56243.3	6.69	56251.68	56255.40234	56210.90857	56209.77344	503731.1	5410477.9
L3730.0	503731.1	5410476.4	41403.89844	261.86	0	48.847247	-86.949144	56244.99	56243.3	6.69	56251.68	56255.42578	56210.24140	56209.08203	503731.1	5410476.4
L3730.0	503731.1	5410476.4	41404.00000	261.43	0	48.847247	-86.949144	56243.56	56243.3	6.69	56250.25	56254.01953	56209.56385	56208.38281	503731.1	5410476.4
L3730.0	503731.2	5410474.5	41404.10156	260.27	0	48.847230	-86.949142	56243.76	56243.3	6.69	56250.45	56254.24609	56208.89620	56207.69141	503731.2	5410474.5
L3730.0	503731.3	5410472.8	41404.19922	260.56	0	48.847214	-86.949141	56242.21	56243.3	6.69	56248.90	56252.71875	56208.21002	56206.98438	503731.3	5410472.8
L3730.0	503731.3	5410472.8	41404.30078	260.22	0	48.847214	-86.949141	56241.47	56243.3	6.69	56248.16	56252.00391	56207.52718	56206.27734	503731.3	5410472.8
L3730.0	503731.4	5410470.9	41404.39844	261.38	0	48.847197	-86.949140	56239.90	56243.3	6.69	56246.59	56250.45703	56206.82833	56205.55859	503731.4	5410470.9
L3730.0	503731.4	5410469.5	41404.39844	261.38	0	48.847185	-86.949139	56239.40	56243.3	6.69	56246.09	56249.98438	56206.13703	56204.84375	503731.4	5410469.5
L3730.0	503731.4	5410469.5	41404.60156	264.14	0	48.847185	-86.949139	56238.87	56243.3	6.69	56245.56	56249.47656	56205.43957	56204.12109	503731.4	5410469.5
L3730.0	503731.5	5410467.7	41404.69922	264.71	0	48.847169	-86.949138	56238.58	56243.3	6.69	56245.27	56249.21484	56204.74167	56203.40234	503731.5	5410467.7
L3730.0	503731.6	5410466.5	41404.80078	265.19	0	48.847158	-86.949138	56238.44	56243.3	6.69	56245.13	56249.09766	56204.04349	56202.67969	503731.6	5410466.5
L3730.0	503731.6	5410465.1	41404.89844	262.99	0	48.847145	-86.949137	56236.74	56243.3	6.69	56243.43	56247.42188	56203.31031	56201.92578	503731.6	5410465.1
L3730.0	503731.6	5410465.1	41405.00000	263.37	0	48.847145	-86.949137	56235.84	56243.3	6.69	56242.53	56246.55078	56202.58757	56201.17969	503731.6	5410465.1
L3730.0	503731.6	5410463.9	41405.10156	260.20	0	48.847134	-86.949137	56233.99	56243.3	6.69	56240.68	56244.72656	56201.83632	56200.40625	503731.6	5410463.9
L3730.0	503731.6	5410462.2	41405.19922	259.41	0	48.847119	-86.949137	56233.32	56243.3	6.69	56240.01	56244.08203	56201.10449	56199.64844	503731.6	5410462.2
L3730.0	503731.6	5410462.2	41405.30078	258.90	0	48.847119	-86.949137	56232.44	56243.3	6.69	56239.13	56243.22656	56200.35730	56198.87891	503731.6	5410462.2
L3730.0	503731.7	5410460.4	41405.39844	257.48	0	48.847103	-86.949136	56231.36	56243.3	6.69	56238.05	56242.17188	56199.59156	56198.08984	503731.7	5410460.4
L3730.0	503731.7	5410460.4	41405.50000	258.55	0	48.847103	-86.949136	56230.48	56243.3	6.69	56237.18	56241.32813	56198.81520	56197.29297	503731.7	5410460.4
L3730.0	503731.7	5410458.8	41405.60156	260.27	0	48.847088	-86.949136	56229.53	56243.3	6.70	56236.23	56240.40234	56198.02130	56196.47656	503731.7	5410458.8
L3730.0	503731.7	5410457.4	41405.69922	261.80	0	48.847075	-86.949136	56228.96	56243.3	6.70	56235.65	56239.84766	56197.22605	56195.65625	503731.7	5410457.4
L3730.0	503731.7	5410457.4	41405.80078	262.93	0	48.847075	-86.949136	56227.45	56243.3	6.70	56234.14	56238.36328	56196.39180	56194.80078	503731.7	5410457.4
L3730.0	503731.7	5410455.9	41405.89844	263.31	0	48.847062	-86.949136	56226.77	56243.3	6.70	56233.47	56237.72266	56195.57628	56193.96094	503731.7	5410455.9
L3730.0	503731.7	5410454.6	41406.00000	263.73	0	48.847050	-86.949136	56225.33	56243.3	6.70	56232.03	56236.30859	56194.74610	56193.10938	503731.7	5410454.6
L3730.0	503731.7	5410453.1	41406.10156	263.28	0	48.847037	-86.949136	56224.98	56243.3	6.70	56231.68	56235.98438	56193.97588	56192.31641	503731.7	5410453.1
L3730.0	503731.7	5410451.4	41406.19922	262.08	0	48.847022	-86.949136	56223.96	56243.3	6.70	56230.67	56235.00000	56193.21828	56191.53906	503731.7	5410451.4
L3730.0	503731.7	5410451.4	41406.30078	261.50	0	48.847022	-86.949136	56223.14	56243.3	6.71	56229.85	56234.20313	56192.51599	56190.81250	503731.7	5410451.4
L3730.0	503731.7	5410450.1	41406.39844	263.13	0	48.847010	-86.949136	56221.94	56243.3	6.71	56228.65	56233.03125	56191.85384	56190.12891	503731.7	5410450.1
L3730.0	503731.7	5410448.8	41406.39844	263.13	0	48.846999	-86.949136	56220.34	56243.3	6.71	56227.04	56231.44531	56191.23499	56189.48828	503731.7	5410448.8
L3730.0	503731.7	5410448.8	41406.60156	260.41	0	48.846999	-86.949136	56219.34	56243.3	6.71	56226.06	56230.48828	56190.71239	56188.94531	503731.7	5410448.8
L3730.0	503731.7	5410447.4	41406.69922	260.70	0	48.846986	-86.949136	56217.86	56243.3	6.71	56224.57	56229.02344	56190.21718	56188.42969	503731.7	5410447.4
L3730.0	503731.7	5410445.9	41406.80078	261.90	0	48.846973	-86.949136	56217.20	56243.3	6.72	56223.92	56228.39844	56189.84385	56188.03516	503731.7	5410445.9
L3730.0	503731.7	5410444.2	41406.89844	260.19	0	48.846957	-86.949137	56215.67	56243.3	6.72	56222.39	56226.89453	56189.44356	56187.61328	503731.7	5410444.2
L3730.0	503731.7	5410444.2	41407.00000	258.66	0	48.846957	-86.949137	56214.62	56243.3	6.72	56221.34	56225.87109	56189.13307	56187.28125	503731.7	5410444.2
L3730.0	503731.7	5410442.6	41407.10156	259.69	0	48.846943	-86.949137	56212.83	56243.3	6.72	56219.54	56224.09375	56188.75731	56186.88672	503731.7	5410442.6
L3730.0	503731.7	5410441.0	41407.19922	260.72	0	48.846929	-86.949137	56211.78	56243.3	6.71	56218.49	56223.07031	56188.50207	56186.60938	503731.7	5410441.0
L3730.0	503731.7	5410439.4	41407.30078	258.66	0	48.846914	-86.949137	56210.64	56243.3	6.71	56217.35	56221.95313	56188.25313	56186.34375	503731.7	5410439.4
L3730.0	503731.7	5410439.4	41407.39844	259.51	0	48.846914	-86.949137	56209.75	56243.3	6.70	56216.46	56221.08594	56188.05898	56186.12891	503731.7	5410439.4
L3730.0	503731.7	5410437.8	41407.50000	276.91	0	48.846900	-86.949137	56208.51	56243.3	6.70	56215.21	56219.86328	56185.57187	56183.62109	503731.7	5410437.8
L3730.0	503731.7	5410436.2	41407.60156	276.82	0	48.846885	-86.949136	56207.66	56243.3	6.70	56214.36	56219.03516	56185.32620	56183.35938	503731.7	5410436.2
L3730.0	503731.7	5410434.6	41407.69922	275.83	0	48.846871	-86.949136	56206.32	56243.3	6.69	56213.02	56217.71875	56185.05385	56183.06641	503731.7	5410434.6
L3730.0	503731.7	5410434.6	41407.80078	277.02	0	48.846871	-86.949136	56204.77	56243.3	6.69	56211.46	56216.17969	56184.70264	56182.69922	503731.7	5410434.6
L3730.0	503731.7	5410432.8	41407.89844	276.78	0	48.846854	-86.949136	56203.62	56243.3	6.68	56210.31	56215.05469	56184.26312	56182.23828	503731.7	5410432.8
L3730.0	503731.7	5410431.5	41408.00000	276.98	0	48.846843	-86.949136	56202.17	56243.3	6.68	56208.85	56213.61719	56183.70757	56181.66797	503731.7	5410431.5
L3730.0	503731.7	5410431.5	41408.10156	276.34	0	48.846843	-86.949136	56200.94	56243.3	6.68	56207.62	56212.41016	56183.04253	56180.98438	503731.7	5410431.5
L3730.0	503731.7	5410429.7	41408.19922	278.93	0	48.846827	-86.949136	56199.06	56243.3	6.69	56205.75	56210.56250	56182.19745	56180.12109	503731.7	5410429.7
L3730.0	503731.7	5410427.6	41408.30078	278.76	0	48.846807	-86.949136	56197.90	56243.3	6.69	56204.59	56209.42188	56181.25884	56179.16797	503731.7	5410427.6
L3730.0	503731.7	5410427.6	41408.39844	277.44	0	48.846807	-86.949136	56196.58	56243.3	6.69	56203.27	56208.12500	56180.17179	56178.06641	503731.7	5410427.6
L3730.0	503731.7	5410425.7	41408.39844	277.44	0	48.846790	-86.949136	56195.20	56243.3	6.69	56201.89	56206.76563	56178.94947	56176.82813	503731.7	5410425.7
L3730.0	503731.7	5410424.3	41408.60156	278.88	0	48.846778	-86.949136	56193.62	56243.3	6.70	56200.32	56205.21875	56177.60373	56175.46484	503731.7	5410424.3
L3730.0	503731.8	5410422.5	41408.69922	276.32	0	48.846762	-86.949136	56192.21	56243.3	6.70	56198.91	56203.82813	56176.17860	56174.02344	503731.8	5410422.5
L3730.0	503731.8	5410422.5	41408.80078	275.54	0	48.846762	-86.949136	56191.17	56243.3	6.70	56197.87	56202.80859	56174.69301	56172.52344	503731.8	5410422.5
L3730.0	503731.8	5410420.4	41408.89844	273.04	0	48.846743	-86.949135	56189.53	56243.3	6.71	56196.23	56201.18750	56173.13224	56170.94922	503731.8	5410420.4
L3730.0	503731.8	5410420.4	41409.00000	270.38	0	48.846743	-86.949135	56188.00	56243.3	6.71	56194.71	56199.68750	56171.55584	56169.35938	503731.8	5410420.4
L3730.0	503731.8	5410419.1	41409.10156	270.29	0	48.846732	-86.949135	56186.24	56243.3	6.71	56192.95	56197.94531	56169.99213	56167.78516	503731.8	5410419.1
L3730.0	503731.8	5410417.7	41409.19922	270.41	0	48.846719	-86.949134	56184.99	56243.3	6.71	56191.70	56196.71484	56168.43948	56166.21875	503731.8	5410417.7
L3730.0	503731.9	5410416.1	41409.30078	267.14	0	48.846704	-86.949134	56183.56	56243.3	6.71	56190.27	56195.30469	56166.93771	56164.70313	503731.9	5410416.1
L3730.0	503731.9	5410416.1	41409.39844	262.90	0	48.846704	-86.949134	56182.52	56243.3	6.71	56189.23	56194.28125	56165.46141	56163.21484	503731.9	5410416.1
L3730.0	503732.0	5410413.9	41409.50000	259.81	0	48.846685	-86.949133	56181.22	56243.3	6.71	56187.93	56193.00000	56165.86380	56163.60547	503732.0	5410413.9
L3730.0	503732.0	5410413.9	41409.60156	258.98	0	48.846685	-86.949133	56179.41	56243.3	6.71	56186.12	56191.20703	56164.50587	56162.23828	503732.0	5410413.9
L3730.0	503732.0	5410412.3	41409.69922	256.64	0	48.846670	-86.949132	56177.69	56243.3	6.71	56184.40	56189.50391	56163.25215	56160.97266	503732.0	5410412.3
L3730.0	503732.1	5410410.9	41409.80078	258.02	0	48.846657	-86.949132	56175.88	56243.3	6.71	56182.59	56187.71094	56162.06670	56159.77734	503732.1	5410410.9
L3730.0	503732.1	5410410.9	41409.89844	258.63	0	48.846657	-86.949132	56174.22	56243.3	6.71	56180.93	56186.06641	56160.98455	56158.68750	503732.1	5410410.9
L3730.0	503732.1	5410409.4	41410.00000	261.14	0	48.846644	-86.949131	56172.84	56243.3	6.71	56179.55	56184.70313	56160.02468	56157.71875	503732.1	5410409.4
L3730.0	503732.1	5410408.0	41410.10156	263.69	0	48.846631	-86.949131	56171.59	56243.3	6.71	56178.30	56183.46875	56159.15650	56156.84375	503732.1	5410408.0
L3730.0	503732.1	5410406.6	41410.19922	266.65	0	48.846618	-86.949130	56169.99	56243.3	6.71	56176.70	56181.88281	56156.96912	56154.64844	503732.1	5410406.6
L3730.0	503732.1	5410406.6	41410.30078	270.81	0	48.846618	-86.949130	56168.61	56243.3	6.71	56175.31	56180.50781	56156.20413	56153.87500	503732.1	5410406.6
L3730.0	503732.2	5410404.5	41410.39844	271.04	0	48.846600	-86.949130	56166.86	56243.3	6.71	56173.57	56178.78125	56155.50111	56153.16406	503732.2	5410404.5
L3730.0	503732.2	5410404.5	41410.39844	271.04	0	48.846600	-86.949130	56165.54	56243.3	6.71	56172.25	56177.47656	56154.80747	56152.46484	503732.2	5410404.5
L3730.0	503732.2	5410403.2	41410.60156	272.55	0	48.846588	-86.949129	56163.79	56243.3	6.70	56170.50	56175.73828	56154.12711	56151.77734	503732.2	5410403.2
L3730.0	503732.2	5410401.5	41410.69922	274.10	0	48.846573	-86.949129	56162.21	56243.3	6.70	56168.92	56174.17188	56153.43221	56151.07813	503732.2	5410401.5
L3730.0	503732.2	5410401.5	41410.80078	275.58	0	48.846573	-86.949129	56160.38	56243.3	6.70	56167.08	56172.34375	56152.69072	56150.33203	503732.2	5410401.5
L3730.0	503732.3	5410399.0	41410.89844	276.10	0	48.846550	-86.949129	56158.80	56243.3	6.70	56165.50	56170.77734	56151.91776	56149.55859	503732.3	5410399.0
L3730.0	503732.3	5410399.0	41411.00000	276.49	0	48.846550	-86.949129	56157.40	56243.3	6.70	56164.10	56169.39063	56151.11218	56148.75000	503732.3	5410399.0
L3730.0	503732.3	5410397.6	41411.10156	277.25	0	48.846538	-86.949129	56155.46	56243.3	6.70	56162.16	56167.46094	56150.17169	56147.80469	503732.3	5410397.6
L3730.0	503732.3	5410397.6	41411.19922	277.88	0	48.846538	-86.949129	56154.29	56243.3	6.70	56160.98	56166.28906	56149.26776	56146.89844	503732.3	5410397.6
L3730.0	503732.3	5410395.9	41411.30078	277.32	0	48.846522	-86.949128	56152.36	56243.3	6.70	56159.06	56164.38281	56148.16534	56145.79688	503732.3	5410395.9
L3730.0	503732.3	5410394.8	41411.39844	276.25	0	48.846512	-86.949128	56151.18	56243.3	6.70	56157.88	56163.21094	56147.11768	56144.74609	503732.3	5410394.8
L3730.0	503732.3	5410394.8	41411.50000	276.43	0	48.846512	-86.949128	56148.68	56243.3	6.69	56155.37	56160.71094	56145.75102	56143.37891	503732.3	5410394.8
L3730.0	503732.3	5410393.0	41411.60156	277.56	0	48.846497	-86.949128	56147.08	56243.3	6.69	56153.78	56159.12891	56144.49720	56142.12891	503732.3	5410393.0
L3730.0	503732.4	5410391.5	41411.69922	277.78	0	48.846483	-86.949127	56145.16	56243.3	6.69	56151.85	56157.20703	56143.13408	56140.76563	503732.4	5410391.5

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L3730.0	503732.4	5410390.2	41411.80078	278.36	0	48.846472	-86.949127	56143.82	56243.3	6.69	56150.51	56155.87891	56141.84473	56139.47656	503732.4	5410390.2
L3730.0	503732.4	5410390.2	41411.89844	277.71	0	48.846472	-86.949127	56142.45	56243.3	6.69	56149.14	56154.51563	56140.52108	56138.15625	503732.4	5410390.2
L3730.0	503732.4	5410389.0	41412.00000	276.28	0	48.846460	-86.949127	56140.78	56243.3	6.69	56147.47	56152.85156	56139.13433	56136.77344	503732.4	5410389.0
L3730.0	503732.4	5410387.4	41412.10156	275.78	0	48.846446	-86.949127	56139.31	56243.3	6.69	56146.00	56151.39063	56137.77416	56135.41797	503732.4	5410387.4
L3730.0	503732.4	5410387.4	41412.19922	273.32	0	48.846446	-86.949127	56136.98	56243.3	6.69	56143.67	56149.06641	56136.31626	56133.96484	503732.4	5410387.4
L3730.0	503732.4	5410386.0	41412.30078	273.05	0	48.846434	-86.949127	56135.97	56243.3	6.69	56142.66	56148.06250	56135.02986	56132.68359	503732.4	5410386.0
L3730.0	503732.4	5410384.7	41412.39844	272.50	0	48.846422	-86.949127	56134.12	56243.3	6.69	56140.80	56146.20703	56133.67254	56131.33203	503732.4	5410384.7
L3730.0	503732.4	5410384.7	41412.39844	272.50	0	48.846422	-86.949127	56132.93	56243.3	6.69	56139.62	56145.03516	56132.39622	56130.06250	503732.4	5410384.7
L3730.0	503732.5	5410383.5	41412.60156	267.11	0	48.846411	-86.949126	56131.27	56243.3	6.68	56137.95	56143.37109	56131.10696	56128.78125	503732.5	5410383.5
L3730.0	503732.5	5410382.1	41412.69922	266.91	0	48.846399	-86.949126	56129.88	56243.3	6.68	56136.57	56141.99219	56129.86088	56127.54297	503732.5	5410382.1
L3730.0	503732.5	5410382.1	41412.80078	267.81	0	48.846399	-86.949126	56127.90	56243.3	6.68	56134.58	56140.00781	56128.61366	56126.30469	503732.5	5410382.1
L3730.0	503732.5	5410380.5	41412.89844	267.81	0	48.846384	-86.949125	56126.09	56243.3	6.68	56132.77	56138.20313	56127.40116	56125.10156	503732.5	5410380.5
L3730.0	503732.6	5410379.3	41413.00000	266.61	0	48.846373	-86.949125	56124.31	56243.3	6.68	56130.99	56136.42578	56126.21068	56123.91797	503732.6	5410379.3
L3730.0	503732.6	5410377.7	41413.10156	264.55	0	48.846359	-86.949124	56122.39	56243.3	6.68	56129.07	56134.50781	56125.03093	56122.75000	503732.6	5410377.7
L3730.0	503732.6	5410377.7	41413.19922	263.21	0	48.846359	-86.949124	56121.06	56243.3	6.68	56127.74	56133.17969	56123.88526	56121.61719	503732.6	5410377.7
L3730.0	503732.6	5410376.5	41413.30078	264.20	0	48.846348	-86.949124	56119.20	56243.3	6.68	56125.88	56131.32422	56122.72606	56120.46875	503732.6	5410376.5
L3730.0	503732.6	5410376.5	41413.39844	267.21	0	48.846348	-86.949124	56118.12	56243.3	6.68	56124.80	56130.24609	56121.61209	56119.37109	503732.6	5410376.5
L3730.0	503732.7	5410375.0	41413.50000	272.51	0	48.846334	-86.949124	56116.06	56243.3	6.68	56122.74	56128.18750	56120.44233	56118.21484	503732.7	5410375.0
L3730.0	503732.7	5410373.6	41413.60156	274.63	0	48.846322	-86.949124	56114.47	56243.3	6.68	56121.15	56126.59766	56119.29599	56117.08203	503732.7	5410373.6
L3730.0	503732.7	5410372.3	41413.69922	271.77	0	48.846310	-86.949123	56112.71	56243.3	6.68	56119.39	56124.83984	56118.12485	56115.92578	503732.7	5410372.3
L3730.0	503732.7	5410372.3	41413.80078	272.65	0	48.846310	-86.949123	56111.14	56243.3	6.68	56117.82	56123.26953	56116.95984	56114.77734	503732.7	5410372.3
L3730.0	503732.7	5410371.0	41413.89844	275.93	0	48.846299	-86.949123	56109.65	56243.3	6.68	56116.33	56121.78125	56115.79368	56113.62891	503732.7	5410371.0
L3730.0	503732.7	5410369.9	41414.00000	276.05	0	48.846289	-86.949123	56107.52	56243.3	6.68	56114.20	56119.65234	56114.51385	56112.36719	503732.7	5410369.9
L3730.0	503732.7	5410369.9	41414.10156	277.48	0	48.846289	-86.949123	56106.58	56243.3	6.68	56113.26	56118.71094	56113.41204	56111.28125	503732.7	5410369.9
L3730.0	503732.7	5410368.2	41414.19922	278.70	0	48.846274	-86.949123	56104.31	56243.3	6.68	56110.99	56116.44141	56112.05283	56109.94141	503732.7	5410368.2
L3730.0	503732.7	5410367.2	41414.30078	279.51	0	48.846265	-86.949123	56103.20	56243.3	6.69	56109.88	56115.32813	56110.90894	56108.81641	503732.7	5410367.2
L3730.0	503732.7	5410367.2	41414.39844	280.33	0	48.846265	-86.949123	56101.13	56243.3	6.69	56107.81	56113.25781	56109.54045	56107.46875	503732.7	5410367.2
L3730.0	503732.7	5410365.9	41414.39844	280.33	0	48.846253	-86.949123	56099.60	56243.3	6.69	56106.29	56111.73438	56108.28703	56106.23828	503732.7	5410365.9
L3730.0	503732.7	5410364.8	41414.60156	279.18	0	48.846243	-86.949123	56098.16	56243.3	6.69	56104.86	56110.30469	56107.05447	56105.02734	503732.7	5410364.8
L3730.0	503732.7	5410364.8	41414.69922	278.53	0	48.846243	-86.949123	56097.22	56243.3	6.69	56103.92	56109.36328	56106.82991	56104.82422	503732.7	5410364.8
L3730.0	503732.7	5410363.5	41414.80078	279.38	0	48.846231	-86.949124	56095.78	56243.3	6.70	56102.47	56107.91016	56105.60663	56103.62500	503732.7	5410363.5
L3730.0	503732.7	5410362.5	41414.89844	279.74	0	48.846222	-86.949124	56093.96	56243.3	6.70	56100.65	56106.08594	56104.43373	56102.47656	503732.7	5410362.5
L3730.0	503732.7	5410362.5	41415.00000	281.03	0	48.846222	-86.949124	56092.72	56243.3	6.70	56099.42	56104.85547	56103.21448	56101.28125	503732.7	5410362.5
L3730.0	503732.7	5410361.8	41415.10156	281.91	0	48.846216	-86.949124	56090.49	56243.3	6.70	56097.19	56102.62109	56102.10365	56100.19922	503732.7	5410361.8
L3730.0	503732.7	5410360.7	41415.19922	282.35	0	48.846206	-86.949124	56089.51	56243.3	6.70	56096.21	56101.63672	56100.89889	56099.01953	503732.7	5410360.7
L3730.0	503732.6	5410359.7	41415.30078	281.28	0	48.846197	-86.949124	56087.38	56243.3	6.70	56094.08	56099.50391	56099.81469	56097.96094	503732.6	5410359.7
L3730.0	503732.6	5410359.7	41415.39844	279.98	0	48.846197	-86.949124	56086.35	56243.3	6.70	56093.04	56098.46094	56098.65290	56096.82813	503732.6	5410359.7
L3730.0	503732.6	5410358.6	41415.50000	277.73	0	48.846187	-86.949124	56085.06	56243.3	6.69	56091.75	56097.16406	56097.52780	56095.73438	503732.6	5410358.6
L3730.0	503732.6	5410357.5	41415.60156	278.10	0	48.846177	-86.949125	56083.90	56243.3	6.69	56090.59	56096.00000	56096.40275	56094.63672	503732.6	5410357.5
L3730.0	503732.6	5410356.5	41415.69922	278.88	0	48.846168	-86.949125	56082.38	56243.3	6.69	56089.07	56094.47656	56095.32542	56093.58984	503732.6	5410356.5
L3730.0	503732.6	5410356.5	41415.80078	277.52	0	48.846168	-86.949125	56081.16	56243.3	6.69	56087.86	56093.26172	56094.22829	56092.52344	503732.6	5410356.5
L3730.0	503732.6	5410355.3	41415.89844	277.10	0	48.846157	-86.949125	56079.62	56243.3	6.69	56086.31	56091.70703	56093.17872	56091.50391	503732.6	5410355.3
L3730.0	503732.5	5410354.4	41416.00000	278.59	0	48.846149	-86.949125	56078.03	56243.3	6.69	56084.72	56090.10938	56092.14691	56090.50781	503732.5	5410354.4
L3730.0	503732.5	5410354.4	41416.10156	277.72	0	48.846149	-86.949125	56077.12	56243.3	6.69	56083.81	56089.19531	56091.05006	56089.44141	503732.5	5410354.4
L3730.0	503732.5	5410353.6	41416.19922	276.64	0	48.846142	-86.949126	56075.59	56243.3	6.69	56082.28	56087.66016	56090.03573	56088.46094	503732.5	5410353.6
L3730.0	503732.5	5410352.8	41416.30078	274.43	0	48.846134	-86.949126	56074.91	56243.3	6.69	56081.60	56086.97266	56088.92914	56087.39063	503732.5	5410352.8
L3730.0	503732.5	5410352.8	41416.39844	274.08	0	48.846134	-86.949126	56073.77	56243.3	6.69	56080.46	56085.82813	56087.88697	56086.38281	503732.5	5410352.8
L3730.0	503732.5	5410351.7	41416.39844	274.08	0	48.846125	-86.949126	56072.92	56243.3	6.69	56079.61	56084.97266	56086.81691	56085.34766	503732.5	5410351.7
L3730.0	503732.5	5410351.7	41416.60156	276.28	0	48.846125	-86.949126	56071.88	56243.3	6.69	56078.57	56083.92578	56085.77923	56084.34766	503732.5	5410351.7
L3730.0	503732.4	5410350.7	41416.69922	276.57	0	48.846116	-86.949127	56070.36	56243.3	6.69	56077.05	56082.39844	56084.81344	56083.41797	503732.4	5410350.7
L3730.0	503732.4	5410349.8	41416.80078	277.41	0	48.846107	-86.949127	56068.99	56243.3	6.69	56075.68	56081.02344	56083.83673	56082.48047	503732.4	5410349.8
L3730.0	503732.4	5410348.7	41416.89844	278.14	0	48.846098	-86.949128	56067.47	56243.3	6.69	56074.16	56079.49609	56082.88807	56081.57031	503732.4	5410348.7
L3730.0	503732.4	5410348.7	41417.00000	278.63	0	48.846098	-86.949128	56066.59	56243.3	6.69	56073.28	56078.60938	56081.86085	56080.58203	503732.4	5410348.7
L3730.0	503732.4	5410347.8	41417.10156	277.38	0	48.846090	-86.949128	56065.50	56243.3	6.69	56072.19	56077.51172	56080.86891	56079.62891	503732.4	5410347.8
L3730.0	503732.4	5410347.0	41417.19922	278.78	0	48.846083	-86.949128	56064.24	56243.3	6.69	56070.93	56076.24609	56079.90652	56078.70703	503732.4	5410347.0
L3730.0	503732.4	5410347.0	41417.30078	279.59	0	48.846083	-86.949128	56062.97	56243.3	6.69	56069.66	56074.96875	56078.95226	56077.79297	503732.4	5410347.0
L3730.0	503732.4	5410346.3	41417.39844	278.82	0	48.846076	-86.949128	56062.14	56243.3	6.69	56068.83	56074.12891	56077.94746	56076.83203	503732.4	5410346.3
L3730.0	503732.3	5410345.5	41417.50000	277.14	0	48.846069	-86.949128	56061.13	56243.3	6.69	56067.82	56073.11328	56076.97518	56075.89844	503732.3	5410345.5
L3730.0	503732.3	5410344.7	41417.60156	277.03	0	48.846062	-86.949128	56060.22	56243.3	6.69	56066.91	56072.19531	56075.99911	56074.96875	503732.3	5410344.7
L3730.0	503732.3	5410344.7	41417.69922	275.63	0	48.846062	-86.949128	56059.25	56243.3	6.69	56065.94	56071.21875	56075.04040	56074.05078	503732.3	5410344.7
L3730.0	503732.3	5410344.1	41417.80078	274.79	0	48.846056	-86.949129	56058.32	56243.3	6.69	56065.01	56070.28125	56074.08726	56073.14063	503732.3	5410344.1
L3730.0	503732.3	5410343.3	41417.89844	273.97	0	48.846049	-86.949129	56057.31	56243.3	6.69	56064.00	56069.26172	56073.15424	56072.25391	503732.3	5410343.3
L3730.0	503732.3	5410343.3	41418.00000	274.72	0	48.846049	-86.949129	56055.66	56243.3	6.69	56062.35	56067.60547	56072.30531	56071.44922	503732.3	5410343.3
L3730.0	503732.3	5410342.8	41418.10156	275.54	0	48.846045	-86.949129	56054.86	56243.3	6.69	56061.55	56066.79688	56071.36888	56070.55859	503732.3	5410342.8
L3730.0	503732.3	5410342.0	41418.19922	276.57	0	48.846038	-86.949129	56053.89	56243.3	6.69	56060.59	56065.82813	56070.46295	56069.69922	503732.3	5410342.0
L3730.0	503732.3	5410341.4	41418.30078	277.96	0	48.846032	-86.949129	56053.29	56243.3	6.69	56059.98	56065.21094	56069.53100	56068.81250	503732.3	5410341.4
L3730.0	503732.3	5410341.4	41418.39844	278.96	0	48.846032	-86.949129	56052.07	56243.3	6.69	56058.77	56063.99219	56068.67370	56068.00391	503732.3	5410341.4
L3730.0	503732.3	5410340.8	41418.39844	278.96	0	48.846027	-86.949129	56051.44	56243.3	6.69	56058.13	56063.34375	56067.76692	56067.14453	503732.3	5410340.8
L3730.0	503732.3	5410340.2	41418.60156	280.35	0	48.846021	-86.949129	56050.53	56243.3	6.70	56057.22	56062.42578	56066.89609	56066.32031	503732.3	5410340.2
L3730.0	503732.3	5410339.4	41418.69922	279.20	0	48.846014	-86.949129	56049.59	56243.3	6.70	56056.29	56061.48438	56066.03692	56065.51172	503732.3	5410339.4
L3730.0	503732.3	5410339.4	41418.80078	278.17	0	48.846014	-86.949129	56048.61	56243.3	6.70	56055.31	56060.49609	56065.19309	56064.71484	503732.3	5410339.4
L3730.0	503732.3	5410338.8	41418.89844	278.27	0	48.846009	-86.949129	56047.86	56243.3	6.70	56054.55	56059.73047	56064.34119	56063.91406	503732.3	5410338.8
L3730.0	503732.3	5410338.8	41419.00000	279.34	0	48.846009	-86.949129	56047.26	56243.3	6.70	56053.96	56059.12891	56063.48798	56063.10938	503732.3	5410338.8
L3730.0	503732.3	5410338.1	41419.10156	279.34	0	48.846003	-86.949129	56046.33	56243.3	6.70	56053.03	56058.19141	56062.67659	56062.34766	503732.3	5410338.1
L3730.0	503732.2	5410337.5	41419.19922	280.40	0	48.845997	-86.949130	56045.93	56243.3	6.70	56052.63	56057.78125	56061.83661	56061.55859	503732.2	5410337.5
L3730.0	503732.2	5410337.0	41419.30078	281.17	0	48.845993	-86.949130	56044.96	56243.3	6.71	56051.67	56056.81250	56061.05462	56060.82813	503732.2	5410337.0
L3730.0	503732.2	5410337.0	41419.39844	279.69	0	48.845993	-86.949130	56044.34	56243.3	6.71	56051.04	56056.17578	56060.26146	56060.08594	503732.2	5410337.0
L3730.0	503732.2	5410336.4	41419.39844	279.69	0	48.845988	-86.949130	56043.42	56243.3	6.71	56050.13	56055.25781	56059.50322	56059.37891	503732.2	5410336.4
L3730.0	503732.2	5410336.0	41419.60156	278.20	0	48.845984	-86.949130	56043.24	56243.3	6.71	56049.95	56055.06641	56058.70618	56058.63281	503732.2	5410336.0
L3730.0	503732.2	5410336.0	41419.69922	278.53	0	48.845984	-86.949130	56042.41	56243.3	6.71	56049.12	56054.23047	56057.97036	56057.94922	503732.2	5410336.0
L3730.0	503732.2	5410335.5	41419.80078	278.55	0	48.845979	-86.949131	56042.04	56243.3	6.72	56048.75	56053.85156	56057.21466	56057.24609	503732.2	5410335.5
L3730.0	503732.1	5410334.9	41419.80078	278.55	0	48.845974	-86.949131	56041.57	56243.3	6.72	56048.29	56053.38281	56056.47779	56056.56250	503732.1	5410334.9
L3730.0	503732.1	5410334.6	41419.89844	278.06	0	48.845971	-86.949132	56040.96	56243.3	6.72	56047.68	56052.76172	56055.76356	56055.90234	503732.1	5410334.6
L3730.0	503732.1	5410334.6	41420.00000	278.78	0	48.845971	-86.949132	56040.36	56243.3	6.72	56047.08	56052.15234	56055.05946	56055.25000	503732.1	5410334.6
L3730.0	503732.0	5410334.2	41420.19922	279.80	0	48.845968	-86.949132	56039.25	56243.3	6.71	56045.96	56051.02344	56054.40596	56054.64844	503732.0	5410334.2
L3730.0	503732.0	5410334.2	41420.30078	279.83	0	48.845968	-86.949132	56039.22	56243.3	6.71	56045.93	56050.98438	56053.67622	56053.97266	503732.0	5410334.2
L3730.0	503732.0	5410333.8	41420.39844	278.44	0	48.845963	-86.949133	56039.00	56243.3	6.71	56045.70	56050.74609	56052.96874	56053.32031	503732.0	5410333.8
L3730.0	503731.9	5410333.3	41420.39844	278.44	0	48.845959	-86.949134	56038.48	56243.3	6.71	56045.19	56050.22656	56052.29107	56052.69531	503731.9	5410333.3
L3730.0	503731.9	5410333.3	41420.60156	277.11	0	48.845959	-86.949134	56037.84	56243.3	6.70	56044.54	56049.56641	56051.63251	56052.09375	503731.9	5410333.3
L3730.0	503731.9	5410333.0	41420.69922	277.68	0	48.845956	-86.949135	56037.22	56243.3	6.70	56043.92	56048.93750	56050.97818	56051.49219	503731.9	5410333.0
L3730.0	503731.8	5410332.6	41420.80078	278.11	0	48.845954	-86.949135	56037.00	56243.3	6.70	56043.69	56048.69922	56050.29290	56050.85938	503731.8	5410332.6
L3730.0	503731.8	5410332.4	41420.89844	278.72	0	48.845951	-86.949136	56036.62	56243.3	6.69	56043.31	56048.30859	56049.62536	56050.25000	503731.8	5410332.4
L3730.0	503731.8	5410332.1	41421.00000	279.14	0	48.845949	-86.949136	56036.52	56243.3	6.69	56043.21	56048.19922	56048.93256	56049.60938	503731.8	5410332.1

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L3730.0	503731.7	5410331.8	41421.10156	278.94	0	48.845946	-86.949137	56036.42	56243.3	6.69	56043.11	56048.09375	56048.24076	56048.97266	503731.7	5410331.8
L3730.0	503731.7	5410331.8	41421.19922	277.77	0	48.845946	-86.949137	56035.66	56243.3	6.69	56042.35	56047.32422	56047.62167	56048.41016	503731.7	5410331.8
L3730.0	503731.7	5410331.6	41421.30078	276.46	0	48.845944	-86.949137	56034.85	56243.3	6.69	56041.54	56046.50391	56047.01307	56047.85547	503731.7	5410331.6
L3730.0	503731.7	5410331.6	41421.39844	277.96	0	48.845944	-86.949137	56034.70	56243.3	6.69	56041.39	56046.34375	56046.33250	56047.23047	503731.7	5410331.6
L3770.0	503771.2	5411017.4	80007.70313	334.82	0	48.852113	-86.948592	56353.18	56247.5	2.46	56355.64	56355.17578	56375.21494	56341.37109	503771.2	5411017.4
L3770.0	503771.2	5411017.4	80007.70313	334.82	0	48.852113	-86.948592	56353.02	56247.5	2.46	56355.48	56355.03906	56370.93768	56337.63281	503771.2	5411017.4
L3770.0	503771.2	5411017.5	80007.89844	336.12	0	48.852114	-86.948593	56352.94	56247.5	2.46	56355.40	56354.98047	56368.69745	56335.93359	503771.2	5411017.5
L3770.0	503771.2	5411017.5	80008.00000	335.97	0	48.852114	-86.948593	56352.58	56247.5	2.46	56355.04	56354.64453	56359.82200	56327.59375	503771.2	5411017.5
L3770.0	503771.1	5411017.8	80008.10156	333.02	0	48.852117	-86.948594	56352.66	56247.5	2.46	56355.12	56354.75000	56361.62702	56329.93750	503771.1	5411017.8
L3770.0	503771.1	5411017.8	80008.20313	334.07	0	48.852117	-86.948594	56352.38	56247.5	2.46	56354.85	56354.50391	56355.11450	56323.96094	503771.1	5411017.8
L3770.0	503771.1	5411018.0	80008.29688	334.17	0	48.852118	-86.948594	56352.18	56247.5	2.47	56354.64	56354.31641	56350.12854	56319.51172	503771.1	5411018.0
L3770.0	503771.1	5411018.2	80008.39844	331.68	0	48.852120	-86.948594	56352.22	56247.5	2.47	56354.69	56354.39063	56351.45199	56321.37109	503771.1	5411018.2
L3770.0	503771.1	5411018.2	80008.50000	331.17	0	48.852120	-86.948594	56352.62	56247.5	2.47	56355.09	56354.81250	56361.24298	56331.69531	503771.1	5411018.2
L3770.0	503771.0	5411018.5	80008.60156	332.73	0	48.852123	-86.948595	56352.66	56247.5	2.47	56355.13	56354.87500	56362.47364	56333.45703	503771.0	5411018.5
L3770.0	503771.0	5411018.5	80008.70313	332.59	0	48.852123	-86.948595	56352.50	56247.5	2.47	56354.98	56354.75000	56359.20947	56330.72266	503771.0	5411018.5
L3770.0	503771.0	5411018.8	80008.79688	334.14	0	48.852126	-86.948595	56352.20	56247.5	2.48	56354.68	56354.47266	56352.39829	56324.43750	503771.0	5411018.8
L3770.0	503771.0	5411019.0	80008.89844	334.76	0	48.852127	-86.948595	56352.36	56247.5	2.48	56354.83	56354.64453	56356.46548	56329.03125	503771.0	5411019.0
L3770.0	503771.0	5411019.3	80009.00000	333.98	0	48.852130	-86.948595	56351.99	56247.5	2.48	56354.47	56354.30859	56348.32076	56321.41016	503771.0	5411019.3
L3770.0	503771.0	5411019.5	80009.10156	336.64	0	48.852132	-86.948595	56351.51	56247.5	2.48	56353.99	56353.85156	56337.33980	56310.94922	503771.0	5411019.5
L3770.0	503771.0	5411019.5	80009.20313	334.34	0	48.852132	-86.948595	56351.46	56247.5	2.48	56353.94	56353.82422	56336.76954	56310.89844	503771.0	5411019.5
L3770.0	503771.0	5411019.9	80009.29688	334.51	0	48.852136	-86.948595	56351.48	56247.5	2.48	56353.96	56353.86719	56337.94302	56312.58594	503771.0	5411019.9
L3770.0	503771.0	5411020.1	80009.39844	334.01	0	48.852138	-86.948595	56351.34	56247.5	2.48	56353.81	56353.73828	56335.08398	56310.23828	503771.0	5411020.1
L3770.0	503771.0	5411020.1	80009.50000	334.97	0	48.852138	-86.948595	56351.18	56247.5	2.48	56353.66	56353.60938	56332.28643	56307.94922	503771.0	5411020.1
L3770.0	503771.0	5411020.5	80009.60156	337.60	0	48.852141	-86.948595	56351.31	56247.5	2.47	56353.78	56353.75391	56336.02666	56312.19531	503771.0	5411020.5
L3770.0	503771.0	5411020.8	80009.70313	336.51	0	48.852144	-86.948594	56351.41	56247.5	2.47	56353.88	56353.87500	56339.32729	56315.99609	503771.0	5411020.8
L3770.0	503771.1	5411021.2	80009.70313	336.51	0	48.852148	-86.948594	56351.77	56247.5	2.47	56354.24	56354.25781	56348.87146	56326.03906	503771.1	5411021.2
L3770.0	503771.1	5411021.2	80009.89844	336.53	0	48.852148	-86.948594	56351.84	56247.5	2.47	56354.31	56354.34766	56351.50512	56329.16797	503771.1	5411021.2
L3770.0	503771.1	5411021.7	80010.00000	335.44	0	48.852151	-86.948594	56352.25	56247.5	2.47	56354.72	56354.78125	56362.23782	56340.38672	503771.1	5411021.7
L3770.0	503771.1	5411022.0	80010.10156	334.73	0	48.852155	-86.948594	56352.30	56247.5	2.47	56354.77	56354.85156	56364.41833	56343.05469	503771.1	5411022.0
L3770.0	503771.1	5411022.0	80010.20313	335.12	0	48.852155	-86.948594	56352.36	56247.5	2.47	56354.83	56354.93359	56366.85219	56345.96875	503771.1	5411022.0
L3770.0	503771.1	5411022.4	80010.29688	330.39	0	48.852158	-86.948594	56352.56	56247.5	2.47	56355.03	56355.15625	56372.58641	56352.17969	503771.1	5411022.4
L3770.0	503771.1	5411022.4	80010.39844	329.31	0	48.852158	-86.948594	56352.50	56247.5	2.47	56354.97	56355.11719	56372.22286	56352.28516	503771.1	5411022.4
L3770.0	503771.1	5411022.8	80010.50000	329.89	0	48.852162	-86.948593	56352.30	56247.5	2.46	56354.77	56354.93750	56368.63244	56349.16016	503771.1	5411022.8
L3770.0	503771.1	5411023.5	80010.60156	329.42	0	48.852168	-86.948593	56352.05	56247.5	2.46	56354.51	56354.69922	56363.71347	56344.70313	503771.1	5411023.5
L3770.0	503771.2	5411023.9	80010.70313	330.45	0	48.852172	-86.948593	56351.84	56247.5	2.46	56354.31	56354.51953	56360.25331	56341.70313	503771.2	5411023.9
L3770.0	503771.2	5411023.9	80010.79688	332.69	0	48.852172	-86.948593	56351.84	56247.5	2.46	56354.31	56354.53906	56361.44949	56343.34766	503771.2	5411023.9
L3770.0	503771.2	5411024.3	80010.89844	332.35	0	48.852176	-86.948593	56351.82	56247.5	2.46	56354.28	56354.52734	56361.98045	56344.32422	503771.2	5411024.3
L3770.0	503771.2	5411024.3	80011.00000	331.67	0	48.852176	-86.948593	56352.02	56247.5	2.46	56354.48	56354.74609	56367.78705	56350.57031	503771.2	5411024.3
L3770.0	503771.1	5411025.5	80011.10156	329.00	0	48.852186	-86.948593	56351.92	56247.5	2.46	56354.38	56354.66797	56366.76731	56349.98438	503771.1	5411025.5
L3770.0	503771.1	5411025.5	80011.20313	332.22	0	48.852186	-86.948593	56351.79	56247.5	2.45	56354.25	56354.55859	56365.10725	56348.75391	503771.1	5411025.5
L3770.0	503771.1	5411026.0	80011.29688	317.54	0	48.852191	-86.948593	56351.77	56247.5	2.45	56354.22	56354.54688	56365.75717	56349.82813	503771.1	5411026.0
L3770.0	503771.1	5411026.8	80011.39844	319.25	0	48.852198	-86.948593	56351.99	56247.6	2.45	56354.44	56354.78516	56372.11328	56356.60156	503771.1	5411026.8
L3770.0	503771.1	5411026.8	80011.50000	336.84	0	48.852198	-86.948593	56351.90	56247.6	2.44	56354.34	56354.70313	56371.25123	56356.14844	503771.1	5411026.8
L3770.0	503771.1	5411027.4	80011.60156	334.04	0	48.852203	-86.948593	56351.54	56247.6	2.44	56353.98	56354.36328	56364.51693	56349.82031	503771.1	5411027.4
L3770.0	503771.1	5411028.0	80011.70313	335.60	0	48.852209	-86.948593	56351.36	56247.6	2.44	56353.80	56354.19922	56361.89076	56347.58984	503771.1	5411028.0
L3770.0	503771.1	5411028.0	80011.70313	335.60	0	48.852209	-86.948593	56351.05	56247.6	2.44	56353.49	56353.90625	56356.31295	56342.40625	503771.1	5411028.0
L3770.0	503771.1	5411028.6	80011.89844	321.53	0	48.852214	-86.948593	56351.38	56247.6	2.43	56353.82	56354.25391	56365.38968	56351.86719	503771.1	5411028.6
L3770.0	503771.2	5411029.3	80012.00000	319.94	0	48.852220	-86.948593	56351.36	56247.6	2.43	56353.79	56354.24219	56366.27944	56353.13672	503771.2	5411029.3
L3770.0	503771.2	5411029.3	80012.10156	330.79	0	48.852220	-86.948593	56351.31	56247.6	2.43	56353.74	56354.21094	56366.74171	56353.96875	503771.2	5411029.3
L3770.0	503771.2	5411030.0	80012.20313	330.36	0	48.852226	-86.948592	56351.16	56247.6	2.43	56353.59	56354.07813	56364.91810	56352.51563	503771.2	5411030.0
L3770.0	503771.2	5411030.0	80012.29688	332.55	0	48.852226	-86.948592	56351.06	56247.6	2.44	56353.49	56353.99219	56364.26791	56352.22266	503771.2	5411030.0
L3770.0	503771.3	5411030.9	80012.39844	334.11	0	48.852234	-86.948591	56351.11	56247.6	2.44	56353.54	56354.05859	56367.13720	56355.44531	503771.3	5411030.9
L3770.0	503771.3	5411031.6	80012.50000	337.85	0	48.852241	-86.948591	56351.41	56247.6	2.44	56353.85	56354.38672	56376.14081	56364.79297	503771.3	5411031.6
L3770.0	503771.3	5411032.6	80012.60156	335.93	0	48.852250	-86.948590	56350.92	56247.6	2.44	56353.36	56353.91016	56366.42603	56355.41797	503771.3	5411032.6
L3770.0	503771.3	5411032.6	80012.70313	334.10	0	48.852250	-86.948590	56351.18	56247.6	2.44	56353.62	56354.18750	56374.35406	56363.67969	503771.3	5411032.6
L3770.0	503771.4	5411033.4	80012.79688	333.33	0	48.852257	-86.948590	56350.92	56247.6	2.45	56353.37	56353.95313	56370.28727	56359.93750	503771.4	5411033.4
L3770.0	503771.4	5411034.2	80012.89844	334.88	0	48.852264	-86.948589	56350.70	56247.6	2.45	56353.15	56353.74609	56366.92763	56356.89453	503771.4	5411034.2
L3770.0	503771.4	5411034.7	80013.00000	336.73	0	48.852269	-86.948589	56350.89	56247.6	2.45	56353.34	56353.95313	56373.32132	56363.59766	503771.4	5411034.7
L3770.0	503771.4	5411034.7	80013.10156	336.51	0	48.852269	-86.948589	56350.46	56247.6	2.45	56352.91	56353.53516	56364.98461	56355.56641	503771.4	5411034.7
L3770.0	503771.5	5411035.6	80013.20313	336.26	0	48.852277	-86.948588	56350.44	56247.6	2.45	56352.89	56353.53125	56366.42431	56357.30469	503771.5	5411035.6
L3770.0	503771.5	5411036.3	80013.29688	334.57	0	48.852283	-86.948588	56350.21	56247.6	2.45	56352.65	56353.30469	56362.62684	56353.80078	503771.5	5411036.3
L3770.0	503771.5	5411036.3	80013.39844	335.47	0	48.852283	-86.948588	56350.04	56247.6	2.45	56352.48	56353.14844	56360.51555	56351.97266	503771.5	5411036.3
L3770.0	503771.6	5411037.3	80013.50000	332.60	0	48.852292	-86.948587	56350.23	56247.6	2.44	56352.68	56353.35938	56367.27622	56359.00781	503771.6	5411037.3
L3770.0	503771.6	5411038.2	80013.60156	331.83	0	48.852301	-86.948587	56350.04	56247.6	2.44	56352.48	56353.17188	56364.48206	56356.48438	503771.6	5411038.2
L3770.0	503771.6	5411039.2	80013.70313	334.77	0	48.852309	-86.948586	56349.88	56247.6	2.44	56352.32	56353.02734	56362.66478	56354.92969	503771.6	5411039.2
L3770.0	503771.6	5411039.2	80013.70313	334.77	0	48.852309	-86.948586	56350.14	56247.6	2.44	56352.58	56353.29688	56370.89216	56363.41406	503771.6	5411039.2
L3770.0	503771.7	5411040.0	80013.89844	337.38	0	48.852317	-86.948586	56350.06	56247.6	2.44	56352.50	56353.23047	56371.00903	56363.78125	503771.7	5411040.0
L3770.0	503771.7	5411040.0	80014.00000	341.11	0	48.852317	-86.948586	56349.86	56247.6	2.44	56352.30	56353.04297	56368.29073	56361.30469	503771.7	5411040.0
L3770.0	503771.7	5411041.0	80014.10156	337.24	0	48.852325	-86.948585	56349.65	56247.6	2.44	56352.09	56352.84375	56365.36801	56358.61719	503771.7	5411041.0
L3770.0	503771.7	5411041.7	80014.20313	335.33	0	48.852332	-86.948585	56349.54	56247.6	2.44	56351.99	56352.75391	56365.08148	56358.56250	503771.7	5411041.7
L3770.0	503771.8	5411043.0	80014.29688	334.85	0	48.852343	-86.948584	56349.16	56247.6	2.45	56351.61	56352.38672	56358.22228	56351.92578	503771.8	5411043.0
L3770.0	503771.8	5411043.0	80014.39844	333.60	0	48.852343	-86.948584	56349.21	56247.6	2.45	56351.66	56352.44531	56361.52752	56355.44531	503771.8	5411043.0
L3770.0	503771.8	5411043.8	80014.50000	335.41	0	48.852351	-86.948584	56349.24	56247.6	2.45	56351.69	56352.48438	56364.36944	56358.49609	503771.8	5411043.8
L3770.0	503771.9	5411044.8	80014.60156	331.94	0	48.852359	-86.948583	56348.93	56247.5	2.45	56351.39	56352.19531	56359.51005	56353.83984	503771.9	5411044.8
L3770.0	503771.9	5411044.8	80014.70313	331.94	0	48.852359	-86.948583	56348.81	56247.5	2.45	56351.26	56352.07422	56358.66295	56353.19141	503771.9	5411044.8
L3770.0	503771.9	5411046.4	80014.79688	333.07	0	48.852374	-86.948582	56348.88	56247.5	2.46	56351.34	56352.16406	56362.73166	56357.44922	503771.9	5411046.4
L3770.0	503771.9	5411046.4	80014.89844	333.21	0	48.852374	-86.948582	56348.83	56247.5	2.46	56351.29	56352.12109	56363.79177	56358.69141	503771.9	5411046.4
L3770.0	503772.0	5411047.2	80015.00000	331.20	0	48.852382	-86.948582	56348.32	56247.5	2.46	56350.78	56351.62109	56354.20147	56349.27734	503772.0	5411047.2
L3770.0	503772.0	5411048.0	80015.10156	321.50	0	48.852388	-86.948582	56348.53	56247.5	2.46	56350.99	56351.83984	56361.34419	56356.58984	503772.0	5411048.0
L3770.0	503772.0	5411048.0	80015.20313	320.45	0	48.852388	-86.948582	56348.35	56247.5	2.46	56350.81	56351.66797	56359.46607	56354.87891	503772.0	5411048.0
L3770.0	503772.0	5411049.2	80015.29688	331.66	0	48.852399	-86.948581	56348.04	56247.5	2.46	56350.50	56351.36328	56354.60772	56350.17969	503772.0	5411049.2
L3770.0	503772.1	5411050.2	80015.39844	334.58	0	48.852408	-86.948580	56348.22	56247.5	2.46	56350.67	56351.54297	56360.87377	56356.59766	503772.1	5411050.2
L3770.0	503772.1	5411051.2	80015.50000	333.65	0	48.852417	-86.948580	56348.02	56247.5	2.45	56350.47	56351.34766	56358.60798	56354.47656	503772.1	5411051.2
L3770.0	503772.1	5411052.2	80015.60156	319.78	0	48.852426	-86.948580	56348.14	56247.5	2.45	56350.60	56351.48438	56363.98756	56360.00000	503772.1	5411052.2
L3770.0	503772.1	5411052.2	80015.70313	321.17	0	48.852426	-86.948580	56347.76	56247.5	2.45	56350.21	56351.10156	56357.38309	56353.53125	503772.1	5411052.2
L3770.0	503772.1	5411053.5	80015.70313	321.17	0	48.852438	-86.948579	56347.43	56247.5	2.45	56349.88	56350.77734	56352.18646	56348.46484	503772.1	5411053.5
L3770.0	503772.1	5411053.5	80015.89844	333.54	0	48.852438	-86.948579	56347.53	56247.5	2.45	56349.98	56350.88281	56356.94354	56353.34766	503772.1	5411053.5
L3770.0	503772.2	5411054.8	80016.00000	334.40	0	48.852450	-86.948579	56347.71	56247.6	2.45	56350.16	56351.07031	56363.58138	56360.10156	503772.2	5411054.8
L3770.0	503772.2	5411055.9	80016.10156	334.97	0	48.852459	-86.948579	56347.54	56247.5	2.45	56349.99	56350.90625	56362.15317	56358.78906	503772.2	5411055.9
L3770.0	503772.2	5411055.9	80016.20313	335.09	0	48.852459	-86.948579	56347.50	56247.5	2.45	56349.96	56350.87891	56363.99294	56360.73828	503772.2	5411055.9
L3770.0	503772.2	5411056.9	80016.29688	335.70	0	48.852469	-86.948578	56347.15	56247.5	2.45	56349.60	56350.52344	56358.19273	56355.04297	503772.2	5411056.9
L3770.0	503772.2	5411057.9	80016.39844	334.39	0	48.852478	-86.948578	56347.02	56247.5	2.45	56349.47	56350.39844	56357.74742	56354.69141	503772.2	5411057.9
L3770.0	503772.2	5411059.3	80016.50000	333.13	0	48.852490	-86.948578	56347.05	56247.5	2.45	56349.50	56350.43359	56361.05514	56358.09375	503772.2	5411059.3

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L3770.0	503772.2	5411059.3	80016.60156	332.51	0	48.852490	-86.948578	56346.82	56247.5	2.46	56349.27	56350.20703	56358.31249	56355.44141	503772.2	5411059.3
L3770.0	503772.2	5411060.4	80016.70313	331.58	0	48.852500	-86.948578	56346.76	56247.5	2.46	56349.22	56350.16016	56359.79624	56357.00781	503772.2	5411060.4
L3770.0	503772.2	5411061.4	80016.79688	332.79	0	48.852509	-86.948578	56346.64	56247.5	2.46	56349.10	56350.04297	56359.65826	56356.94922	503772.2	5411061.4
L3770.0	503772.3	5411062.5	80016.89844	321.73	0	48.852519	-86.948578	56346.33	56247.5	2.46	56348.79	56349.73828	56355.06293	56352.42969	503772.3	5411062.5
L3770.0	503772.3	5411062.5	80017.00000	322.17	0	48.852519	-86.948578	56346.13	56247.5	2.46	56348.59	56349.53906	56353.06074	56350.49609	503772.3	5411062.5
L3770.0	503772.3	5411063.6	80017.10156	333.22	0	48.852529	-86.948577	56346.13	56247.5	2.46	56348.59	56349.54297	56355.79137	56353.29297	503772.3	5411063.6
L3770.0	503772.3	5411063.6	80017.20313	334.43	0	48.852529	-86.948577	56345.90	56247.5	2.46	56348.36	56349.31641	56353.10513	56350.67188	503772.3	5411063.6
L3770.0	503772.3	5411064.6	80017.29688	335.24	0	48.852538	-86.948577	56345.92	56247.5	2.47	56348.39	56349.34766	56356.58363	56354.20703	503772.3	5411064.6
L3770.0	503772.3	5411066.1	80017.39844	333.94	0	48.852551	-86.948578	56346.02	56247.5	2.47	56348.49	56349.44922	56361.74323	56359.41797	503772.3	5411066.1
L3770.0	503772.2	5411067.4	80017.50000	335.08	0	48.852563	-86.948578	56345.77	56247.5	2.47	56348.24	56349.19922	56358.61994	56356.34375	503772.2	5411067.4
L3770.0	503772.2	5411068.5	80017.60156	335.85	0	48.852573	-86.948578	56345.62	56247.5	2.47	56348.09	56349.05078	56357.87854	56355.64844	503772.2	5411068.5
L3770.0	503772.2	5411068.5	80017.70313	335.43	0	48.852573	-86.948578	56345.48	56247.5	2.47	56347.96	56348.92188	56357.62349	56355.43750	503772.2	5411068.5
L3770.0	503772.2	5411069.4	80017.70313	335.43	0	48.852581	-86.948578	56345.44	56247.5	2.47	56347.91	56348.87109	56359.28138	56357.13672	503772.2	5411069.4
L3770.0	503772.2	5411069.4	80017.89844	333.69	0	48.852581	-86.948578	56345.20	56247.5	2.48	56347.68	56348.64453	56356.67067	56354.55859	503772.2	5411069.4
L3770.0	503772.2	5411071.1	80018.00000	334.76	0	48.852596	-86.948578	56345.26	56247.5	2.48	56347.74	56348.70313	56360.96281	56358.88281	503772.2	5411071.1
L3770.0	503772.2	5411072.1	80018.10156	333.99	0	48.852605	-86.948578	56344.98	56247.5	2.48	56347.46	56348.42188	56357.17906	56355.12891	503772.2	5411072.1
L3770.0	503772.2	5411072.1	80018.20313	333.97	0	48.852605	-86.948578	56344.95	56247.5	2.48	56347.43	56348.39453	56359.34145	56357.31641	503772.2	5411072.1
L3770.0	503772.1	5411074.7	80018.29688	333.57	0	48.852629	-86.948579	56344.74	56247.5	2.48	56347.22	56348.18359	56357.23619	56355.23438	503772.1	5411074.7
L3770.0	503772.1	5411074.7	80018.39844	333.97	0	48.852629	-86.948579	56344.57	56247.5	2.48	56347.05	56348.01172	56356.08947	56354.10938	503772.1	5411074.7
L3770.0	503772.1	5411076.4	80018.50000	333.35	0	48.852644	-86.948579	56344.26	56247.5	2.48	56346.74	56347.70313	56351.64722	56349.68359	503772.1	5411076.4
L3770.0	503772.1	5411076.4	80018.60156	333.88	0	48.852644	-86.948579	56343.93	56247.5	2.48	56346.41	56347.37109	56346.76098	56344.81250	503772.1	5411076.4
L3770.0	503772.1	5411077.6	80018.70313	334.45	0	48.852655	-86.948580	56344.01	56247.5	2.48	56346.49	56347.44922	56351.53970	56349.60156	503772.1	5411077.6
L3770.0	503772.1	5411078.7	80018.79688	336.32	0	48.852664	-86.948580	56343.75	56247.5	2.48	56346.23	56347.18750	56348.33322	56346.40625	503772.1	5411078.7
L3770.0	503772.1	5411079.8	80018.89844	333.62	0	48.852675	-86.948580	56343.86	56247.5	2.48	56346.34	56347.29688	56353.79904	56351.87891	503772.1	5411079.8
L3770.0	503772.1	5411079.8	80019.00000	334.01	0	48.852675	-86.948580	56343.75	56247.5	2.48	56346.23	56347.18359	56354.11559	56352.19922	503772.1	5411079.8
L3770.0	503772.1	5411081.2	80019.10156	334.91	0	48.852687	-86.948580	56343.52	56247.5	2.48	56346.00	56346.95313	56351.64620	56349.73047	503772.1	5411081.2
L3770.0	503772.1	5411082.4	80019.20313	334.41	0	48.852698	-86.948580	56343.27	56247.5	2.48	56345.74	56346.69141	56348.49690	56346.58203	503772.1	5411082.4
L3770.0	503772.1	5411082.4	80019.29688	331.77	0	48.852698	-86.948580	56343.32	56247.5	2.48	56345.80	56346.74609	56352.78891	56350.87500	503772.1	5411082.4
L3770.0	503772.1	5411083.8	80019.39844	330.83	0	48.852710	-86.948580	56343.14	56247.5	2.48	56345.62	56346.56641	56351.51596	56349.59766	503772.1	5411083.8
L3770.0	503772.1	5411084.9	80019.50000	331.42	0	48.852721	-86.948580	56343.06	56247.5	2.47	56345.54	56346.48047	56352.56971	56350.64453	503772.1	5411084.9
L3770.0	503772.1	5411086.5	80019.60156	333.12	0	48.852735	-86.948580	56343.09	56247.5	2.47	56345.56	56346.50000	56355.94818	56354.01563	503772.1	5411086.5
L3770.0	503772.1	5411086.5	80019.70313	335.82	0	48.852735	-86.948580	56343.06	56247.5	2.47	56345.54	56346.47656	56358.40943	56356.46875	503772.1	5411086.5
L3770.0	503772.0	5411087.6	80019.70313	335.82	0	48.852745	-86.948580	56342.76	56247.5	2.47	56345.23	56346.16406	56354.15479	56352.20703	503772.0	5411087.6
L3770.0	503772.0	5411089.5	80019.89844	324.38	0	48.852762	-86.948580	56342.68	56247.5	2.47	56345.15	56346.07813	56355.24238	56353.28125	503772.0	5411089.5
L3770.0	503772.0	5411089.5	80020.00000	334.51	0	48.852762	-86.948580	56342.56	56247.5	2.47	56345.03	56345.95703	56355.41030	56353.43359	503772.0	5411089.5
L3770.0	503772.0	5411091.2	80020.10156	332.36	0	48.852777	-86.948581	56342.35	56247.5	2.47	56344.82	56345.74219	56353.48850	56351.50000	503772.0	5411091.2
L3770.0	503772.0	5411091.2	80020.20313	331.93	0	48.852777	-86.948581	56342.12	56247.5	2.48	56344.60	56345.51953	56351.33192	56349.32813	503772.0	5411091.2
L3770.0	503772.0	5411092.4	80020.29688	330.66	0	48.852788	-86.948581	56342.07	56247.5	2.48	56344.55	56345.46484	56353.15233	56351.13281	503772.0	5411092.4
L3770.0	503771.9	5411093.6	80020.39844	333.62	0	48.852799	-86.948582	56342.02	56247.5	2.48	56344.50	56345.41016	56354.98727	56352.94922	503771.9	5411093.6
L3770.0	503771.9	5411093.6	80020.50000	331.87	0	48.852799	-86.948582	56342.18	56247.5	2.49	56344.66	56345.56641	56361.78063	56359.72266	503771.9	5411093.6
L3770.0	503771.9	5411095.6	80020.60156	335.12	0	48.852816	-86.948583	56341.91	56247.5	2.49	56344.40	56345.30078	56358.69783	56356.62109	503771.9	5411095.6
L3770.0	503771.9	5411095.6	80020.70313	334.63	0	48.852816	-86.948583	56341.62	56247.5	2.49	56344.11	56345.00781	56354.89025	56352.79297	503771.9	5411095.6
L3770.0	503771.8	5411097.0	80020.79688	335.24	0	48.852829	-86.948583	56341.10	56247.5	2.49	56343.59	56344.48438	56345.60792	56343.48828	503771.8	5411097.0
L3770.0	503771.8	5411098.4	80020.89844	334.61	0	48.852842	-86.948584	56340.99	56247.5	2.50	56343.49	56344.37891	56346.27231	56344.12891	503771.8	5411098.4
L3770.0	503771.7	5411099.7	80021.00000	332.12	0	48.852853	-86.948584	56341.06	56247.5	2.50	56343.56	56344.44141	56350.99025	56348.82422	503771.7	5411099.7
L3770.0	503771.7	5411099.7	80021.10156	332.49	0	48.852853	-86.948584	56340.89	56247.5	2.50	56343.39	56344.26953	56349.99875	56347.81250	503771.7	5411099.7
L3770.0	503771.7	5411101.1	80021.20313	335.42	0	48.852866	-86.948585	56340.84	56247.5	2.50	56343.34	56344.21484	56351.86726	56349.65625	503771.7	5411101.1
L3770.0	503771.6	5411102.8	80021.29688	335.25	0	48.852881	-86.948586	56340.74	56247.5	2.50	56343.24	56344.10938	56352.53978	56350.30469	503771.6	5411102.8
L3770.0	503771.6	5411102.8	80021.39844	335.77	0	48.852881	-86.948586	56340.49	56247.5	2.50	56342.99	56343.85156	56349.63047	56347.37109	503771.6	5411102.8
L3770.0	503771.6	5411104.1	80021.50000	334.14	0	48.852893	-86.948586	56340.31	56247.5	2.50	56342.81	56343.66797	56348.39043	56346.10547	503771.6	5411104.1
L3770.0	503771.6	5411105.3	80021.60156	335.67	0	48.852904	-86.948587	56339.87	56247.5	2.50	56342.37	56343.22266	56340.98623	56338.67578	503771.6	5411105.3
L3770.0	503771.6	5411105.3	80021.70313	335.59	0	48.852904	-86.948587	56340.16	56247.5	2.50	56342.66	56343.50781	56350.87571	56348.53906	503771.6	5411105.3
L3770.0	503771.5	5411106.8	80021.70313	335.59	0	48.852917	-86.948587	56340.11	56247.5	2.50	56342.61	56343.44922	56352.67342	56350.30859	503771.5	5411106.8
L3770.0	503771.5	5411108.0	80021.89844	334.10	0	48.852929	-86.948588	56340.00	56247.5	2.50	56342.50	56343.33594	56353.03723	56350.64453	503771.5	5411108.0
L3770.0	503771.5	5411109.5	80022.00000	321.25	0	48.852942	-86.948588	56339.98	56247.5	2.50	56342.48	56343.30859	56355.45945	56353.04297	503771.5	5411109.5
L3770.0	503771.5	5411109.5	80022.10156	323.30	0	48.852942	-86.948588	56339.75	56247.5	2.50	56342.24	56343.06250	56352.79052	56350.34766	503771.5	5411109.5
L3770.0	503771.4	5411110.8	80022.20313	333.91	0	48.852953	-86.948589	56339.70	56247.5	2.49	56342.19	56343.00781	56354.45734	56351.98438	503771.4	5411110.8
L3770.0	503771.4	5411112.0	80022.29688	334.95	0	48.852965	-86.948589	56339.24	56247.5	2.49	56341.73	56342.54297	56346.92010	56344.42188	503771.4	5411112.0
L3770.0	503771.4	5411113.6	80022.39844	334.08	0	48.852978	-86.948589	56339.16	56247.5	2.49	56341.65	56342.45703	56347.93568	56345.41016	503771.4	5411113.6
L3770.0	503771.4	5411115.3	80022.50000	321.20	0	48.852994	-86.948589	56338.96	56247.5	2.49	56341.44	56342.23828	56346.09795	56343.54297	503771.4	5411115.3
L3770.0	503771.4	5411115.3	80022.60156	320.36	0	48.852994	-86.948589	56339.06	56247.5	2.48	56341.54	56342.33203	56350.91932	56348.33984	503771.4	5411115.3
L3770.0	503771.4	5411116.8	80022.70313	332.19	0	48.853008	-86.948589	56338.77	56247.5	2.48	56341.25	56342.03906	56347.40158	56344.79297	503771.4	5411116.8
L3770.0	503771.4	5411116.8	80022.79688	333.31	0	48.853008	-86.948589	56338.86	56247.5	2.48	56341.33	56342.10938	56351.61194	56348.97656	503771.4	5411116.8
L3770.0	503771.3	5411118.4	80022.89844	334.56	0	48.853022	-86.948590	56338.75	56247.5	2.47	56341.22	56341.99609	56351.82680	56349.16406	503771.3	5411118.4
L3770.0	503771.3	5411119.7	80023.00000	334.96	0	48.853033	-86.948590	56338.60	56247.5	2.47	56341.07	56341.83984	56351.23582	56348.54688	503771.3	5411119.7
L3770.0	503771.3	5411119.7	80023.10156	334.85	0	48.853033	-86.948590	56338.32	56247.5	2.47	56340.79	56341.55078	56346.34245	56343.62500	503771.3	5411119.7
L3770.0	503771.3	5411121.3	80023.20313	335.50	0	48.853048	-86.948590	56337.98	56247.5	2.47	56340.45	56341.20703	56341.24881	56338.50391	503771.3	5411121.3
L3770.0	503771.3	5411122.5	80023.29688	322.59	0	48.853058	-86.948590	56338.24	56247.5	2.48	56340.72	56341.46875	56350.64687	56347.87500	503771.3	5411122.5
L3770.0	503771.3	5411124.0	80023.39844	320.16	0	48.853072	-86.948590	56337.98	56247.5	2.48	56340.46	56341.20313	56347.52174	56344.72266	503771.3	5411124.0
L3770.0	503771.3	5411124.0	80023.50000	319.77	0	48.853072	-86.948590	56338.01	56247.5	2.48	56340.49	56341.22656	56351.07504	56348.25000	503771.3	5411124.0
L3770.0	503771.3	5411125.5	80023.60156	320.59	0	48.853086	-86.948590	56337.88	56247.5	2.48	56340.36	56341.08984	56350.97398	56348.12109	503771.3	5411125.5
L3770.0	503771.3	5411125.5	80023.70313	321.16	0	48.853086	-86.948590	56337.78	56247.5	2.48	56340.26	56340.98438	56351.56049	56348.67969	503771.3	5411125.5
L3770.0	503771.3	5411127.0	80023.70313	321.16	0	48.853099	-86.948590	56337.48	56247.5	2.48	56339.96	56340.67578	56347.83840	56344.93359	503771.3	5411127.0
L3770.0	503771.3	5411128.6	80023.89844	322.53	0	48.853113	-86.948591	56337.22	56247.5	2.49	56339.71	56340.42188	56345.30383	56342.37109	503771.3	5411128.6
L3770.0	503771.3	5411128.6	80024.00000	322.05	0	48.853113	-86.948591	56337.22	56247.5	2.49	56339.71	56340.41406	56348.16080	56345.20313	503771.3	5411128.6
L3770.0	503771.2	5411130.1	80024.10156	323.29	0	48.853127	-86.948591	56337.09	56247.5	2.49	56339.57	56340.26563	56348.06532	56345.08203	503771.2	5411130.1
L3770.0	503771.2	5411131.4	80024.20313	321.98	0	48.853139	-86.948591	56336.99	56247.5	2.49	56339.47	56340.16016	56348.86423	56345.85547	503771.2	5411131.4
L3770.0	503771.2	5411131.4	80024.29688	318.77	0	48.853139	-86.948591	56336.91	56247.5	2.48	56339.40	56340.08203	56350.35484	56347.32031	503771.2	5411131.4
L3770.0	503771.2	5411133.0	80024.39844	320.55	0	48.853153	-86.948591	56336.86	56247.5	2.48	56339.34	56340.01563	56352.13325	56349.07031	503771.2	5411133.0
L3770.0	503771.2	5411134.5	80024.50000	320.90	0	48.853167	-86.948591	56336.64	56247.5	2.48	56339.12	56339.78906	56350.55122	56347.46484	503771.2	5411134.5
L3770.0	503771.2	5411134.5	80024.60156	322.29	0	48.853167	-86.948591	56336.28	56247.5	2.48	56338.76	56339.42188	56345.93180	56342.82031	503771.2	5411134.5
L3770.0	503771.2	5411136.6	80024.70313	322.82	0	48.853185	-86.948592	56336.07	56247.5	2.48	56338.54	56339.19531	56344.33136	56341.19531	503771.2	5411136.6
L3770.0	503771.2	5411137.9	80024.79688	323.75	0	48.853197	-86.948592	56336.02	56247.5	2.47	56338.50	56339.14844	56346.77048	56343.60938	503771.2	5411137.9
L3770.0	503771.2	5411137.9	80024.89844	322.95	0	48.853197	-86.948592	56335.74	56247.5	2.47	56338.21	56338.85156	56343.60637	56340.42188	503771.2	5411137.9
L3770.0	503771.1	5411139.4	80025.00000	321.85	0	48.853211	-86.948592	56335.67	56247.5	2.47	56338.14	56338.77734	56345.49512	56342.28906	503771.1	5411139.4
L3770.0	503771.1	5411140.8	80025.10156	322.19	0	48.853224	-86.948592	56335.28	56247.5	2.47	56337.75	56338.37891	56339.87576	56336.64453	503771.1	5411140.8
L3770.0	503771.1	5411142.0	80025.20313	320.57	0	48.853234	-86.948593	56335.66	56247.5	2.47	56338.13	56338.75391	56352.75971	56349.50781	503771.1	5411142.0
L3770.0	503771.1	5411143.3	80025.29688	320.20	0	48.853246	-86.948593	56335.62	56247.5	2.47	56338.09	56338.70703	56355.14744	56351.87500	503771.1	5411143.3
L3770.0	503771.1	5411143.3	80025.39844	329.31	0	48.853246	-86.948593	56335.36	56247.5	2.47	56337.83	56338.44141	56353.26954	56349.97266	503771.1	5411143.3
L3770.0	503771.0	5411145.3	80025.50000	331.20	0	48.853264	-86.948593	56335.00	56247.5	2.48	56337.47	56338.07422	56349.28009	56345.96094	503771.0	5411145.3
L3770.0	503771.0	5411145.3	80025.60156	332.15	0	48.853264	-86.948593	56334.70	56247.5	2.48	56337.17	56337.76563	56346.41390	56343.07422	503771.0	5411145.3
L3770.0	503771.0	5411146.7	80025.70313	332.15	0	48.853276	-86.948594	56334.85	56247.5	2.48	56337.33	56337.91797	56353.25356	56349.89453	503771.0	5411146.7
L3770.0	503771.0	5411148.2	80025.70313	334.46	0	48.853290	-86.948594	56334.64	56247.5	2.48	56337.12	56337.70313	56352.33395	56348.95703	503771.0	5411148.2

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L3770.0	503771.0	5411149.2	80025.89844	322.63	0	48.853299	-86.948594	56334.67	56247.5	2.48	56337.15	56337.72656	56356.66043	56353.26172	503771.0	5411149.2
L3770.0	503771.0	5411150.7	80026.00000	334.90	0	48.853313	-86.948594	56334.41	56247.5	2.48	56336.89	56337.46094	56354.66532	56351.25000	503771.0	5411150.7
L3770.0	503770.9	5411152.1	80026.10156	335.43	0	48.853325	-86.948595	56334.21	56247.5	2.48	56336.69	56337.25391	56353.97374	56350.53906	503770.9	5411152.1
L3770.0	503770.9	5411152.1	80026.20313	334.19	0	48.853325	-86.948595	56334.00	56247.5	2.48	56336.48	56337.03516	56353.04517	56349.59375	503770.9	5411152.1
L3770.0	503770.9	5411153.7	80026.29688	334.01	0	48.853339	-86.948595	56333.88	56247.5	2.48	56336.36	56336.91016	56354.16402	56350.69531	503770.9	5411153.7
L3770.0	503770.9	5411154.8	80026.39844	334.52	0	48.853349	-86.948595	56333.60	56247.5	2.48	56336.08	56336.62109	56351.61988	56348.13281	503770.9	5411154.8
L3770.0	503770.9	5411154.8	80026.50000	333.82	0	48.853349	-86.948595	56333.52	56247.5	2.48	56336.00	56336.53516	56353.68189	56350.17969	503770.9	5411154.8
L3770.0	503770.9	5411156.6	80026.60156	333.62	0	48.853366	-86.948595	56333.23	56247.5	2.48	56335.71	56336.23828	56350.90233	56347.38281	503770.9	5411156.6
L3770.0	503770.9	5411158.2	80026.70313	334.73	0	48.853380	-86.948595	56333.09	56247.5	2.48	56335.57	56336.09375	56351.60900	56348.07422	503770.9	5411158.2
L3770.0	503770.9	5411158.2	80026.79688	333.29	0	48.853380	-86.948595	56332.75	56247.5	2.48	56335.23	56335.74609	56347.69694	56344.14844	503770.9	5411158.2
L3770.0	503770.9	5411159.8	80026.89844	333.82	0	48.853394	-86.948596	56332.66	56247.5	2.48	56335.14	56335.64844	56349.60907	56346.04688	503770.9	5411159.8
L3770.0	503770.9	5411161.6	80027.00000	334.25	0	48.853411	-86.948596	56332.45	56247.5	2.48	56334.93	56335.43359	56348.76987	56345.19531	503770.9	5411161.6
L3770.0	503770.9	5411161.6	80027.10156	324.13	0	48.853411	-86.948596	56332.29	56247.5	2.48	56334.77	56335.26563	56349.12071	56345.53125	503770.9	5411161.6
L3770.0	503770.8	5411163.7	80027.20313	324.23	0	48.853429	-86.948596	56332.06	56247.5	2.48	56334.54	56335.03125	56347.89722	56344.29688	503770.8	5411163.7
L3770.0	503770.8	5411164.9	80027.29688	333.61	0	48.853440	-86.948596	56331.82	56247.5	2.48	56334.29	56334.77344	56346.26378	56342.65234	503770.8	5411164.9
L3770.0	503770.8	5411166.2	80027.39844	333.54	0	48.853452	-86.948596	56331.52	56247.5	2.48	56334.00	56334.47656	56343.77135	56340.14844	503770.8	5411166.2
L3770.0	503770.8	5411166.2	80027.50000	333.04	0	48.853452	-86.948596	56331.66	56247.5	2.47	56334.14	56334.60938	56351.13132	56347.49609	503770.8	5411166.2
L3770.0	503770.8	5411167.7	80027.60156	331.84	0	48.853466	-86.948596	56331.32	56247.5	2.47	56333.80	56334.26172	56347.59937	56343.95703	503770.8	5411167.7
L3770.0	503770.8	5411167.7	80027.70313	331.84	0	48.853466	-86.948596	56331.50	56247.5	2.47	56333.98	56334.43750	56355.91441	56352.26172	503770.8	5411167.7
L3770.0	503770.8	5411169.1	80027.70313	330.45	0	48.853478	-86.948596	56331.02	56247.5	2.47	56333.49	56333.94141	56349.10116	56345.44141	503770.8	5411169.1
L3770.0	503770.8	5411170.8	80027.89844	330.74	0	48.853493	-86.948596	56330.96	56247.5	2.47	56333.44	56333.88281	56352.29474	56348.62500	503770.8	5411170.8
L3770.0	503770.8	5411172.1	80028.00000	330.39	0	48.853505	-86.948596	56330.84	56247.5	2.47	56333.31	56333.74609	56353.73016	56350.05469	503770.8	5411172.1
L3770.0	503770.8	5411172.1	80028.10156	330.77	0	48.853505	-86.948596	56330.61	56247.5	2.47	56333.08	56333.50781	56352.96740	56349.28516	503770.8	5411172.1
L3770.0	503770.8	5411173.8	80028.20313	333.19	0	48.853520	-86.948596	56330.23	56247.5	2.47	56332.70	56333.12500	56348.88975	56345.20313	503770.8	5411173.8
L3770.0	503770.8	5411175.4	80028.29688	331.23	0	48.853535	-86.948596	56329.96	56247.5	2.47	56332.43	56332.84766	56347.34512	56343.65234	503770.8	5411175.4
L3770.0	503770.8	5411175.4	80028.39844	331.78	0	48.853535	-86.948596	56329.85	56247.5	2.47	56332.32	56332.73047	56349.45201	56345.75781	503770.8	5411175.4
L3770.0	503770.8	5411177.1	80028.50000	332.16	0	48.853550	-86.948596	56329.31	56247.5	2.47	56331.78	56332.18359	56341.95395	56338.25391	503770.8	5411177.1
L3770.0	503770.8	5411178.7	80028.60156	332.90	0	48.853564	-86.948596	56329.38	56247.5	2.47	56331.85	56332.24609	56348.21620	56344.51563	503770.8	5411178.7
L3770.0	503770.8	5411178.7	80028.70313	332.90	0	48.853564	-86.948596	56328.75	56247.5	2.47	56331.22	56331.60938	56338.80365	56335.10156	503770.8	5411178.7
L3770.0	503770.8	5411181.5	80028.79688	333.31	0	48.853589	-86.948596	56328.72	56247.5	2.47	56331.19	56331.57422	56342.93046	56339.22656	503770.8	5411181.5
L3770.0	503770.8	5411181.5	80028.89844	332.76	0	48.853589	-86.948596	56328.19	56247.5	2.47	56330.66	56331.03516	56335.86892	56332.16406	503770.8	5411181.5
L3770.0	503770.9	5411182.8	80029.00000	331.06	0	48.853601	-86.948596	56328.46	56247.5	2.47	56330.93	56331.30078	56346.85720	56343.15625	503770.9	5411182.8
L3770.0	503770.9	5411182.8	80029.10156	332.46	0	48.853601	-86.948596	56328.16	56247.5	2.47	56330.63	56330.99219	56345.07914	56341.37891	503770.9	5411182.8
L3770.0	503770.9	5411184.7	80029.20313	334.07	0	48.853618	-86.948595	56328.32	56247.5	2.47	56330.78	56331.13672	56353.48421	56349.78516	503770.9	5411184.7
L3770.0	503770.9	5411186.3	80029.29688	334.00	0	48.853633	-86.948595	56327.98	56247.5	2.46	56330.44	56330.78906	56350.91797	56347.22266	503770.9	5411186.3
L3770.0	503770.9	5411187.9	80029.39844	333.53	0	48.853647	-86.948595	56327.75	56247.5	2.46	56330.22	56330.56250	56351.11022	56347.42188	503770.9	5411187.9
L3770.0	503770.9	5411187.9	80029.39844	333.53	0	48.853647	-86.948595	56327.38	56247.5	2.46	56329.84	56330.17578	56347.76079	56344.07813	503770.9	5411187.9
L3770.0	503770.9	5411189.3	80029.60156	332.42	0	48.853660	-86.948595	56327.04	56247.5	2.46	56329.49	56329.82031	56345.14750	56341.46875	503770.9	5411189.3
L3770.0	503770.9	5411190.8	80029.60156	330.73	0	48.853673	-86.948595	56326.83	56247.5	2.46	56329.29	56329.61328	56345.97374	56342.30469	503770.9	5411190.8
L3770.0	503770.9	5411190.8	80029.70313	330.63	0	48.853673	-86.948595	56326.79	56247.5	2.46	56329.24	56329.55469	56350.24515	56346.58594	503770.9	5411190.8
L3770.0	503770.9	5411192.8	80029.79688	330.61	0	48.853691	-86.948594	56326.73	56247.5	2.45	56329.18	56329.48828	56354.36536	56350.71484	503770.9	5411192.8
L3770.0	503770.9	5411192.8	80029.89844	330.40	0	48.853691	-86.948594	56326.55	56247.5	2.45	56329.00	56329.30078	56355.85797	56352.21875	503770.9	5411192.8
L3770.0	503770.9	5411194.3	80030.00000	330.78	0	48.853705	-86.948594	56326.12	56247.6	2.45	56328.57	56328.86328	56351.77985	56348.15234	503770.9	5411194.3
L3770.0	503771.0	5411196.2	80030.10156	332.17	0	48.853722	-86.948594	56325.76	56247.6	2.45	56328.21	56328.49609	56349.35014	56345.73828	503771.0	5411196.2
L3770.0	503771.0	5411197.6	80030.20313	331.82	0	48.853735	-86.948594	56325.38	56247.6	2.45	56327.82	56328.10156	56346.30688	56342.70703	503771.0	5411197.6
L3770.0	503771.0	5411197.6	80030.29688	332.92	0	48.853735	-86.948594	56325.23	56247.6	2.44	56327.67	56327.94531	56348.79173	56345.20703	503771.0	5411197.6
L3770.0	503771.0	5411199.9	80030.39844	331.23	0	48.853755	-86.948594	56324.87	56247.6	2.44	56327.31	56327.57813	56346.57484	56343.00781	503771.0	5411199.9
L3770.0	503771.0	5411199.9	80030.60156	321.27	0	48.853755	-86.948594	56324.82	56247.6	2.44	56327.25	56327.50781	56351.30800	56347.75781	503771.0	5411199.9
L3770.0	503771.0	5411201.4	80030.70313	321.67	0	48.853768	-86.948594	56324.54	56247.6	2.44	56326.97	56327.22266	56351.09288	56347.56250	503771.0	5411201.4
L3770.0	503771.0	5411202.8	80030.79688	333.08	0	48.853781	-86.948593	56324.38	56247.6	2.43	56326.81	56327.05469	56353.73622	56350.22656	503771.0	5411202.8
L3770.0	503771.0	5411202.8	80030.89844	331.29	0	48.853781	-86.948593	56324.11	56247.6	2.43	56326.54	56326.77734	56353.92463	56350.43750	503771.0	5411202.8
L3770.0	503771.0	5411202.8	80031.00000	331.16	0	48.853781	-86.948593	56323.70	56247.6	2.43	56326.13	56326.35938	56350.91895	56347.45703	503771.0	5411202.8
L3770.0	503771.0	5411205.0	80031.10156	332.58	0	48.853800	-86.948593	56323.48	56247.6	2.43	56325.91	56326.13281	56352.42479	56348.98828	503771.0	5411205.0
L3770.0	503771.0	5411206.6	80031.20313	334.30	0	48.853815	-86.948593	56323.36	56247.6	2.43	56325.79	56326.00781	56356.37901	56352.96875	503771.0	5411206.6
L3770.0	503771.1	5411208.2	80031.29688	334.63	0	48.853830	-86.948593	56323.18	56247.6	2.43	56325.61	56325.82031	56359.01692	56355.63281	503771.1	5411208.2
L3770.0	503771.1	5411209.5	80031.39844	335.08	0	48.853841	-86.948592	56322.60	56247.6	2.43	56325.02	56325.22266	56351.99366	56348.64063	503771.1	5411209.5
L3770.0	503771.1	5411209.5	80031.50000	335.34	0	48.853841	-86.948592	56322.27	56247.6	2.43	56324.69	56324.88672	56351.19694	56347.87500	503771.1	5411209.5
L3770.0	503771.1	5411211.3	80031.60156	336.14	0	48.853857	-86.948592	56322.02	56247.6	2.42	56324.44	56324.62891	56352.38097	56349.08984	503771.1	5411211.3
L3770.0	503771.1	5411212.8	80031.70313	336.14	0	48.853871	-86.948592	56321.52	56247.6	2.42	56323.94	56324.12109	56347.65120	56344.39453	503771.1	5411212.8
L3770.0	503771.1	5411212.8	80031.70313	335.35	0	48.853871	-86.948592	56321.09	56247.6	2.42	56323.52	56323.69141	56344.90022	56341.67969	503771.1	5411212.8
L3770.0	503771.1	5411214.2	80031.89844	336.12	0	48.853884	-86.948592	56320.76	56247.6	2.42	56323.18	56323.34375	56344.14135	56340.95703	503771.1	5411214.2
L3770.0	503771.1	5411215.7	80032.00000	336.03	0	48.853897	-86.948592	56320.61	56247.6	2.42	56323.03	56323.18750	56348.02089	56344.87500	503771.1	5411215.7
L3770.0	503771.1	5411215.7	80032.10156	335.39	0	48.853897	-86.948592	56320.10	56247.6	2.42	56322.52	56322.67188	56343.33989	56340.23438	503771.1	5411215.7
L3770.0	503771.1	5411217.6	80032.20313	335.27	0	48.853914	-86.948592	56319.82	56247.6	2.42	56322.24	56322.38281	56344.25925	56341.19922	503771.1	5411217.6
L3770.0	503771.1	5411219.0	80032.29688	334.15	0	48.853927	-86.948592	56319.41	56247.6	2.42	56321.83	56321.96484	56342.15262	56339.13672	503771.1	5411219.0
L3770.0	503771.1	5411219.0	80032.39844	333.26	0	48.853927	-86.948592	56319.25	56247.6	2.42	56321.67	56321.79688	56346.10088	56343.12891	503771.1	5411219.0
L3770.0	503771.0	5411221.0	80032.50000	333.12	0	48.853945	-86.948593	56319.08	56247.6	2.42	56321.50	56321.62109	56349.87631	56346.95313	503771.0	5411221.0
L3770.0	503771.0	5411222.7	80032.60156	332.97	0	48.853960	-86.948593	56318.84	56247.6	2.42	56321.26	56321.37109	56352.05846	56349.18359	503771.0	5411222.7
L3770.0	503771.0	5411224.1	80032.70313	332.75	0	48.853973	-86.948593	56318.32	56247.6	2.42	56320.74	56320.84375	56347.71481	56344.89453	503771.0	5411224.1
L3770.0	503771.0	5411225.4	80032.79688	333.44	0	48.853985	-86.948593	56317.90	56247.6	2.42	56320.32	56320.41797	56345.85123	56343.08594	503771.0	5411225.4
L3770.0	503771.0	5411225.4	80032.89844	334.49	0	48.853985	-86.948593	56317.36	56247.6	2.42	56319.78	56319.86719	56341.30013	56338.58984	503771.0	5411225.4
L3770.0	503771.0	5411226.5	80033.00000	335.22	0	48.853995	-86.948593	56317.24	56247.6	2.42	56319.66	56319.74219	56346.66738	56344.01172	503771.0	5411226.5
L3770.0	503771.0	5411228.2	80033.10156	333.14	0	48.854009	-86.948593	56316.70	56247.6	2.42	56319.13	56319.20313	56342.59936	56340.00391	503771.0	5411228.2
L3770.0	503771.0	5411229.8	80033.20313	331.65	0	48.854024	-86.948594	56316.27	56247.6	2.42	56318.69	56318.75391	56340.75694	56338.22266	503771.0	5411229.8
L3770.0	503771.0	5411229.8	80033.29688	330.28	0	48.854024	-86.948594	56315.88	56247.6	2.43	56318.31	56318.36719	56340.42598	56337.95703	503771.0	5411229.8
L3770.0	503770.9	5411231.7	80033.39844	331.76	0	48.854041	-86.948594	56315.50	56247.6	2.43	56317.92	56317.96875	56339.99034	56337.58594	503770.9	5411231.7
L3770.0	503770.9	5411231.7	80033.50000	332.66	0	48.854041	-86.948594	56315.31	56247.6	2.43	56317.74	56317.78125	56344.46835	56342.13281	503770.9	5411231.7
L3770.0	503770.9	5411233.4	80033.60156	331.79	0	48.854057	-86.948594	56314.82	56247.6	2.43	56317.25	56317.28125	56342.00426	56339.73828	503770.9	5411233.4
L3770.0	503770.9	5411235.0	80033.70313	331.79	0	48.854071	-86.948594	56314.33	56247.6	2.43	56316.76	56316.78516	56339.68620	56337.49219	503770.9	5411235.0
L3770.0	503770.9	5411235.0	80033.70313	332.74	0	48.854071	-86.948594	56313.69	56247.6	2.43	56316.13	56316.14844	56334.35285	56332.23438	503770.9	5411235.0
L3770.0	503770.9	5411236.5	80033.89844	333.90	0	48.854084	-86.948594	56313.38	56247.6	2.44	56315.82	56315.82813	56336.38589	56334.34375	503770.9	5411236.5
L3770.0	503770.9	5411238.0	80034.00000	330.74	0	48.854098	-86.948595	56312.80	56247.6	2.44	56315.24	56315.24219	56332.47826	56330.51563	503770.9	5411238.0
L3770.0	503770.9	5411239.8	80034.10156	331.43	0	48.854113	-86.948595	56312.67	56247.6	2.44	56315.11	56315.10156	56338.80708	56336.92578	503770.9	5411239.8
L3770.0	503770.9	5411239.8	80034.20313	331.10	0	48.854113	-86.948595	56312.23	56247.6	2.44	56314.67	56314.65625	56338.31089	56336.51172	503770.9	5411239.8
L3770.0	503770.9	5411241.0	80034.29688	332.66	0	48.854124	-86.948595	56311.93	56247.6	2.44	56314.36	56314.33594	56340.85091	56339.14063	503770.9	5411241.0
L3770.0	503770.9	5411242.6	80034.39844	332.21	0	48.854139	-86.948595	56311.24	56247.6	2.44	56313.67	56313.63672	56335.06172	56333.43750	503770.9	5411242.6
L3770.0	503770.9	5411243.7	80034.50000	331.92	0	48.854149	-86.948595	56310.71	56247.6	2.43	56313.14	56313.10156	56332.98874	56331.45703	503770.9	5411243.7
L3770.0	503770.9	5411243.7	80034.60156	331.25	0	48.854149	-86.948595	56310.40	56247.6	2.43	56312.83	56312.78125	56335.92835	56334.48828	503770.9	5411243.7
L3770.0	503770.9	5411245.3	80034.70313	331.25	0	48.854163	-86.948595	56309.91	56247.6	2.43	56312.34	56312.28516	56335.02007	56333.67578	503770.9	5411245.3
L3770.0	503770.9	5411246.7	80034.79688	328.82	0	48.854176	-86.948595	56309.76	56247.6	2.43	56312.19	56312.12500	56341.71310	56340.46875	503770.9	5411246.7
L3770.0	503770.9	5411246.7	80034.89844	330.01	0	48.854176	-86.948595	56309.13	56247.6	2.43	56311.56	56311.48828	56338.00032	56336.85547	503770.9	5411246.7
L3770.0	503770.9	5411248.4	80035.00000	330.52	0	48.854191	-86.948595	56308.66	56247.6	2.43	56311.09	56311.00781	56337.93286	56336.89063	503770.9	5411248.4
L3770.0	503770.9	5411249.6	80035.10156	331.45	0	48.854202	-86.948595	56308.02	56247.6	2.43	56310.45	56310.35938	56334.32954	56333.39063	503770.9	5411249.6

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L3770.0	503770.9	5411251.5	80035.20313	331.96	0	48.854220	-86.948594	56307.36	56247.6	2.42	56309.79	56309.69141	56330.47883	56329.64844	503770.9	5411251.5
L3770.0	503770.9	5411251.5	80035.29688	331.00	0	48.854220	-86.948594	56306.95	56247.6	2.42	56309.37	56309.26563	56331.94517	56331.22656	503770.9	5411251.5
L3770.0	503770.9	5411253.3	80035.39844	330.92	0	48.854235	-86.948594	56306.26	56247.6	2.42	56308.68	56308.56641	56327.81417	56327.20703	503770.9	5411253.3
L3770.0	503770.9	5411254.8	80035.50000	329.55	0	48.854249	-86.948594	56305.81	56247.6	2.42	56308.22	56308.09766	56328.73912	56328.24609	503770.9	5411254.8
L3770.0	503770.9	5411256.8	80035.60156	331.29	0	48.854266	-86.948594	56305.20	56247.6	2.41	56307.61	56307.48047	56326.66598	56326.29297	503770.9	5411256.8
L3770.0	503770.9	5411256.8	80035.70313	331.29	0	48.854266	-86.948594	56304.76	56247.6	2.41	56307.17	56307.03125	56328.32225	56328.07031	503770.9	5411256.8
L3770.0	503770.9	5411258.2	80035.70313	331.97	0	48.854280	-86.948594	56304.07	56247.6	2.41	56306.47	56306.32422	56324.73339	56324.60156	503770.9	5411258.2
L3770.0	503770.9	5411258.2	80035.79688	330.98	0	48.854280	-86.948594	56303.68	56247.6	2.41	56306.09	56305.93359	56327.95316	56327.94531	503770.9	5411258.2
L3770.0	503770.9	5411259.7	80036.00000	328.53	0	48.854293	-86.948594	56303.10	56247.6	2.40	56305.50	56305.33594	56327.00142	56327.12109	503770.9	5411259.7
L3770.0	503770.9	5411261.4	80036.10156	327.59	0	48.854308	-86.948594	56302.64	56247.6	2.40	56305.04	56304.86719	56328.89715	56329.14844	503770.9	5411261.4
L3770.0	503770.9	5411261.4	80036.20313	328.16	0	48.854308	-86.948594	56301.75	56247.6	2.40	56304.15	56303.96875	56322.17993	56322.56641	503770.9	5411261.4
L3770.0	503770.9	5411263.1	80036.29688	326.80	0	48.854324	-86.948594	56301.00	56247.6	2.41	56303.41	56303.22266	56318.73269	56319.25391	503770.9	5411263.1
L3770.0	503770.9	5411264.3	80036.39844	326.18	0	48.854334	-86.948594	56300.63	56247.6	2.41	56303.03	56302.83594	56322.80854	56323.46484	503770.9	5411264.3
L3770.0	503770.9	5411265.9	80036.50000	326.88	0	48.854349	-86.948594	56299.98	56247.6	2.41	56302.39	56302.18750	56321.77267	56322.57031	503770.9	5411265.9
L3770.0	503770.9	5411267.4	80036.60156	326.42	0	48.854362	-86.948594	56299.09	56247.6	2.41	56301.51	56301.29688	56316.03535	56316.97656	503770.9	5411267.4
L3770.0	503770.9	5411267.4	80036.70313	327.89	0	48.854362	-86.948594	56298.73	56247.6	2.41	56301.14	56300.92188	56320.88022	56321.96484	503770.9	5411267.4
L3770.0	503770.9	5411269.0	80036.79688	329.53	0	48.854376	-86.948594	56297.88	56247.6	2.42	56300.29	56300.06250	56316.11736	56317.34766	503770.9	5411269.0
L3770.0	503770.9	5411270.4	80036.89844	329.76	0	48.854390	-86.948594	56297.41	56247.6	2.42	56299.82	56299.58594	56319.31713	56320.69922	503770.9	5411270.4
L3770.0	503770.9	5411270.4	80037.00000	330.34	0	48.854390	-86.948594	56296.88	56247.6	2.42	56299.29	56299.04688	56321.49726	56323.03125	503770.9	5411270.4
L3770.0	503770.9	5411272.2	80037.10156	329.77	0	48.854405	-86.948594	56296.28	56247.6	2.42	56298.70	56298.44922	56322.64906	56324.33594	503770.9	5411272.2
L3770.0	503770.9	5411274.0	80037.20313	327.72	0	48.854421	-86.948594	56295.68	56247.6	2.42	56298.10	56297.83984	56323.79947	56325.64453	503770.9	5411274.0
L3770.0	503770.9	5411274.0	80037.29688	328.74	0	48.854421	-86.948594	56294.96	56247.6	2.41	56297.37	56297.10547	56322.43785	56324.44141	503770.9	5411274.0
L3770.0	503770.9	5411275.7	80037.39844	331.88	0	48.854437	-86.948594	56293.96	56247.6	2.41	56296.37	56296.09766	56315.57221	56317.73438	503770.9	5411275.7
L3770.0	503770.9	5411277.3	80037.50000	331.33	0	48.854451	-86.948594	56293.31	56247.6	2.41	56295.72	56295.43750	56316.22365	56318.55078	503770.9	5411277.3
L3770.0	503770.9	5411279.2	80037.60156	330.61	0	48.854469	-86.948594	56292.66	56247.6	2.41	56295.07	56294.78125	56317.07089	56319.56250	503770.9	5411279.2
L3770.0	503770.9	5411279.2	80037.70313	332.18	0	48.854469	-86.948594	56291.77	56247.6	2.41	56294.17	56293.87500	56312.75454	56315.41406	503770.9	5411279.2
L3770.0	503770.9	5411281.1	80037.70313	332.18	0	48.854485	-86.948594	56291.44	56247.6	2.41	56293.84	56293.53516	56320.86009	56323.68750	503770.9	5411281.1
L3770.0	503770.9	5411282.3	80037.89844	333.19	0	48.854496	-86.948594	56290.44	56247.6	2.40	56292.84	56292.52734	56314.70484	56317.70313	503770.9	5411282.3
L3770.0	503770.9	5411282.3	80038.00000	321.16	0	48.854496	-86.948594	56289.78	56247.6	2.40	56292.18	56291.86328	56316.06857	56319.24219	503770.9	5411282.3
L3770.0	503770.9	5411284.2	80038.10156	330.66	0	48.854514	-86.948594	56289.04	56247.6	2.40	56291.44	56291.11328	56315.86330	56319.21094	503770.9	5411284.2
L3770.0	503770.9	5411285.7	80038.20313	329.31	0	48.854527	-86.948594	56287.99	56247.6	2.40	56290.39	56290.05859	56308.99820	56312.52344	503770.9	5411285.7
L3770.0	503770.9	5411287.2	80038.29688	331.41	0	48.854540	-86.948594	56287.35	56247.6	2.40	56289.75	56289.41016	56311.30798	56315.01172	503770.9	5411287.2
L3770.0	503770.9	5411288.8	80038.39844	330.74	0	48.854555	-86.948594	56286.64	56247.6	2.40	56289.04	56288.69141	56312.24719	56316.13281	503770.9	5411288.8
L3770.0	503770.9	5411288.8	80038.50000	331.34	0	48.854555	-86.948594	56285.90	56247.6	2.40	56288.30	56287.94531	56312.68546	56316.75391	503770.9	5411288.8
L3770.0	503770.9	5411290.4	80038.60156	331.70	0	48.854569	-86.948594	56285.28	56247.6	2.40	56287.68	56287.32031	56315.96577	56320.21875	503770.9	5411290.4
L3770.0	503770.9	5411291.6	80038.70313	331.70	0	48.854580	-86.948594	56284.29	56247.6	2.40	56286.69	56286.32422	56311.11912	56315.55859	503770.9	5411291.6
L3770.0	503770.9	5411292.9	80038.79688	331.25	0	48.854591	-86.948593	56283.40	56247.6	2.40	56285.80	56285.42578	56308.64139	56313.26563	503770.9	5411292.9
L3770.0	503771.0	5411294.3	80038.89844	333.51	0	48.854604	-86.948593	56282.86	56247.6	2.40	56285.26	56284.87891	56314.18020	56318.99219	503771.0	5411294.3
L3770.0	503771.0	5411294.3	80039.00000	333.06	0	48.854604	-86.948593	56282.07	56247.6	2.40	56284.47	56284.08203	56314.23240	56319.23438	503771.0	5411294.3
L3770.0	503771.0	5411296.3	80039.10156	333.40	0	48.854622	-86.948593	56280.99	56247.6	2.40	56283.39	56282.99609	56307.85691	56313.05078	503771.0	5411296.3
L3770.0	503771.0	5411298.0	80039.20313	335.85	0	48.854637	-86.948593	56280.13	56247.6	2.40	56282.53	56282.12891	56306.56674	56311.95313	503771.0	5411298.0
L3770.0	503771.0	5411298.0	80039.29688	323.67	0	48.854637	-86.948593	56279.29	56247.6	2.40	56281.69	56281.28516	56305.84452	56311.42188	503771.0	5411298.0
L3770.0	503771.0	5411299.7	80039.39844	324.66	0	48.854653	-86.948592	56278.54	56247.6	2.40	56280.94	56280.52734	56307.27151	56313.04297	503771.0	5411299.7
L3770.0	503771.0	5411301.0	80039.50000	336.15	0	48.854664	-86.948592	56277.47	56247.6	2.40	56279.87	56279.45313	56301.55751	56307.52734	503771.0	5411301.0
L3770.0	503771.0	5411302.7	80039.60156	335.71	0	48.854680	-86.948592	56276.51	56247.6	2.40	56278.91	56278.48438	56298.43550	56304.60156	503771.0	5411302.7
L3770.0	503771.0	5411302.7	80039.70313	335.71	0	48.854680	-86.948592	56275.56	56247.6	2.40	56277.96	56277.53125	56295.63627	56302.00000	503771.0	5411302.7
L3770.0	503771.1	5411304.8	80039.70313	334.26	0	48.854698	-86.948592	56274.74	56247.6	2.40	56277.14	56276.70313	56295.86706	56302.42578	503771.1	5411304.8
L3770.0	503771.1	5411304.8	80039.89844	331.79	0	48.854698	-86.948592	56273.86	56247.6	2.40	56276.26	56275.81641	56294.82167	56301.58203	503771.1	5411304.8
L3770.0	503771.1	5411306.5	80040.00000	332.20	0	48.854714	-86.948591	56272.81	56247.6	2.40	56275.21	56274.76172	56290.01209	56296.96875	503771.1	5411306.5
L3770.0	503771.1	5411308.1	80040.10156	333.30	0	48.854728	-86.948591	56271.71	56247.6	2.40	56274.11	56273.65625	56284.14719	56291.30469	503771.1	5411308.1
L3770.0	503771.1	5411308.1	80040.20313	331.75	0	48.854728	-86.948591	56270.77	56247.6	2.40	56273.17	56272.71094	56281.95547	56289.31250	503771.1	5411308.1
L3770.0	503771.1	5411310.1	80040.29688	331.97	0	48.854746	-86.948591	56269.84	56247.6	2.40	56272.24	56271.77734	56280.04071	56287.59766	503771.1	5411310.1
L3770.0	503771.1	5411311.8	80040.39844	330.57	0	48.854762	-86.948591	56269.08	56247.6	2.40	56271.48	56271.01172	56281.99745	56289.75391	503771.1	5411311.8
L3770.0	503771.1	5411311.8	80040.50000	331.23	0	48.854762	-86.948591	56267.91	56247.6	2.40	56270.31	56269.83594	56274.75141	56282.71094	503771.1	5411311.8
L3770.0	503771.1	5411313.5	80040.60156	323.98	0	48.854777	-86.948591	56266.75	56247.6	2.40	56269.15	56268.67188	56267.75349	56275.91406	503771.1	5411313.5
L3770.0	503771.1	5411315.3	80040.70313	323.98	0	48.854793	-86.948590	56266.04	56247.6	2.40	56268.44	56267.95703	56270.90274	56279.26172	503771.1	5411315.3
L3770.0	503771.2	5411316.6	80040.79688	321.34	0	48.854805	-86.948590	56265.25	56247.6	2.40	56267.65	56267.16016	56272.25399	56280.81250	503771.2	5411316.6
L3770.0	503771.2	5411316.6	80040.89844	321.05	0	48.854805	-86.948590	56264.02	56247.6	2.40	56266.42	56265.92578	56263.67424	56272.43359	503771.2	5411316.6
L3770.0	503771.2	5411318.1	80041.00000	330.59	0	48.854818	-86.948590	56262.91	56247.6	2.40	56265.31	56264.81250	56257.77046	56266.73047	503771.2	5411318.1
L3770.0	503771.2	5411319.4	80041.10156	330.33	0	48.854830	-86.948590	56262.08	56247.6	2.40	56264.48	56263.97656	56258.15515	56267.31250	503771.2	5411319.4
L3770.0	503771.2	5411319.4	80041.20313	332.97	0	48.854830	-86.948590	56260.94	56247.6	2.40	56263.33	56262.82031	56251.25593	56260.61328	503771.2	5411319.4
L3770.0	503771.2	5411321.7	80041.29688	334.52	0	48.854850	-86.948590	56260.02	56247.6	2.39	56262.41	56261.89844	56249.50180	56259.05859	503771.2	5411321.7
L3770.0	503771.2	5411323.3	80041.39844	334.68	0	48.854865	-86.948590	56258.98	56247.6	2.39	56261.37	56260.85156	56244.95645	56254.70703	503771.2	5411323.3
L3770.0	503771.2	5411325.0	80041.50000	333.76	0	48.854880	-86.948590	56257.92	56247.6	2.39	56260.31	56259.78906	56239.87098	56249.82031	503771.2	5411325.0
L3770.0	503771.2	5411325.0	80041.60156	333.95	0	48.854880	-86.948590	56257.06	56247.6	2.39	56259.45	56258.92578	56239.24453	56249.38672	503771.2	5411325.0
L3770.0	503771.2	5411326.2	80041.70313	333.95	0	48.854891	-86.948590	56256.09	56247.6	2.39	56258.48	56257.94922	56236.01429	56246.35156	503771.2	5411326.2
L3770.0	503771.2	5411327.9	80041.70313	334.88	0	48.854907	-86.948590	56254.74	56247.6	2.39	56257.12	56256.58594	56223.76307	56234.29297	503771.2	5411327.9
L3770.0	503771.2	5411329.4	80041.79688	334.76	0	48.854920	-86.948590	56253.90	56247.6	2.38	56256.28	56255.74219	56223.25838	56233.98047	503771.2	5411329.4
L3770.0	503771.2	5411329.4	80042.00000	333.57	0	48.854920	-86.948590	56253.02	56247.6	2.38	56255.40	56254.85938	56221.71348	56232.62500	503771.2	5411329.4
L3770.0	503771.2	5411331.2	80042.10156	334.13	0	48.854936	-86.948590	56251.90	56247.6	2.38	56254.28	56253.73438	56214.53570	56225.63672	503771.2	5411331.2
L3770.0	503771.2	5411331.2	80042.20313	333.30	0	48.854936	-86.948590	56250.91	56247.6	2.38	56253.29	56252.74219	56210.18559	56221.47656	503771.2	5411331.2
L3770.0	503771.2	5411333.0	80042.29688	332.80	0	48.854952	-86.948589	56250.05	56247.6	2.38	56252.42	56251.86719	56208.42849	56219.90234	503771.2	5411333.0
L3770.0	503771.2	5411334.5	80042.39844	333.19	0	48.854965	-86.948589	56249.10	56247.6	2.38	56251.47	56250.91406	56204.66954	56216.32813	503771.2	5411334.5
L3770.0	503771.2	5411334.5	80042.50000	332.08	0	48.854965	-86.948589	56247.95	56247.6	2.38	56250.32	56249.76172	56196.15063	56207.99219	503771.2	5411334.5
L3770.0	503771.2	5411336.2	80042.60156	331.90	0	48.854981	-86.948589	56247.03	56247.6	2.37	56249.40	56248.83984	56192.71043	56204.73438	503771.2	5411336.2
L3770.0	503771.2	5411338.0	80042.70313	331.90	0	48.854997	-86.948589	56246.11	56247.6	2.37	56248.49	56247.92578	56189.29361	56201.49609	503771.2	5411338.0
L3770.0	503771.2	5411338.0	80042.79688	332.94	0	48.854997	-86.948589	56245.17	56247.6	2.37	56247.54	56246.97266	56184.74231	56197.11719	503771.2	5411338.0
L3770.0	503771.2	5411340.0	80042.89844	331.90	0	48.855015	-86.948589	56244.22	56247.6	2.37	56246.59	56246.01953	56179.95724	56192.50781	503771.2	5411340.0
L3770.0	503771.2	5411341.4	80043.00000	333.17	0	48.855028	-86.948589	56243.28	56247.6	2.37	56245.65	56245.07422	56175.15197	56187.87500	503771.2	5411341.4
L3770.0	503771.2	5411341.4	80043.10156	333.64	0	48.855028	-86.948589	56242.44	56247.6	2.37	56244.81	56244.23438	56172.36578	56185.25781	503771.2	5411341.4
L3770.0	503771.2	5411343.0	80043.20313	333.50	0	48.855042	-86.948589	56241.40	56247.6	2.37	56243.77	56243.19141	56164.73714	56177.79688	503771.2	5411343.0
L3770.0	503771.2	5411344.6	80043.29688	333.73	0	48.855057	-86.948589	56240.52	56247.6	2.37	56242.89	56242.30859	56160.47279	56173.69531	503771.2	5411344.6
L3770.0	503771.2	5411346.3	80043.39844	332.35	0	48.855072	-86.948589	56239.63	56247.6	2.37	56242.00	56241.41406	56155.68061	56169.06641	503771.2	5411346.3
L3770.0	503771.2	5411348.1	80043.50000	332.74	0	48.855088	-86.948589	56238.84	56247.6	2.37	56241.20	56240.61328	56152.63378	56166.17969	503771.2	5411348.1
L3770.0	503771.2	5411349.3	80043.60156	322.05	0	48.855099	-86.948589	56237.74	56247.6	2.36	56240.10	56239.51172	56142.42521	56156.12891	503771.2	5411349.3
L3770.0	503771.2	5411349.3	80043.70313	321.62	0	48.855099	-86.948589	56236.88	56247.6	2.36	56239.24	56238.64844	56137.36957	56151.22656	503771.2	5411349.3
L3770.0	503771.2	5411350.9	80043.70313	321.62	0	48.855113	-86.948589	56236.19	56247.6	2.36	56238.55	56237.95313	56135.86411	56149.87109	503771.2	5411350.9
L3770.0	503771.2	5411352.1	80043.89844	332.14	0	48.855124	-86.948589	56235.18	56247.6	2.36	56237.54	56236.94141	56126.72564	56140.87891	503771.2	5411352.1
L3770.0	503771.2	5411352.1	80044.00000	331.77	0	48.855124	-86.948589	56234.47	56247.6	2.36	56236.83	56236.23047	56124.09409	56138.39453	503771.2	5411352.1
L3770.0	503771.2	5411353.6	80044.10156	332.46	0	48.855137	-86.948589	56234.07	56247.6	2.36	56236.43	56235.82813	56128.18801	56142.63281	503771.2	5411353.6
L3770.0	503771.2	5411355.4	80044.20313	333.02	0	48.855154	-86.948590	56232.77	56247.6	2.36	56235.13	56234.52734	56111.41950	56126.00391	503771.2	5411355.4
L3770.0	503771.2	5411355.4	80044.29688	333.75	0	48.855154	-86.948590	56232.28	56247.6	2.36	56234.64	56234.03516	56112.76003	56127.48047	503771.2	5411355.4
L3770.0	503771.2	5411357.0	80044.39844	333.85	0	48.855169	-86.948590	56231.67	56247.6	2.36	56234.03	56233.42188	56111.00376	56125.85547	503771.2	5411357.0

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L3770.0	503771.2	5411358.5	80044.50000	334.38	0	48.855181	-86.948590	56230.72	56247.6	2.37	56233.09	56232.48047	56101.37336	56116.35547	503771.2	5411358.5
L3770.0	503771.2	5411358.5	80044.60156	323.74	0	48.855181	-86.948590	56230.38	56247.6	2.37	56232.75	56232.13672	56104.99696	56120.10547	503771.2	5411358.5
L3770.0	503771.1	5411360.2	80044.70313	324.70	0	48.855197	-86.948590	56229.43	56247.6	2.37	56231.79	56231.17578	56094.14545	56109.37500	503771.1	5411360.2
L3770.0	503771.1	5411362.1	80044.79688	324.51	0	48.855214	-86.948590	56229.12	56247.6	2.37	56231.49	56230.87500	56097.85222	56113.20313	503771.1	5411362.1
L3770.0	503771.1	5411363.7	80044.89844	333.70	0	48.855229	-86.948590	56228.32	56247.6	2.37	56230.69	56230.07422	56089.81259	56105.27734	503771.1	5411363.7
L3770.0	503771.1	5411364.9	80045.00000	333.42	0	48.855239	-86.948590	56227.93	56247.6	2.37	56230.30	56229.67969	56090.65207	56106.23047	503771.1	5411364.9
L3770.0	503771.1	5411364.9	80045.10156	333.26	0	48.855239	-86.948590	56227.18	56247.6	2.37	56229.55	56228.92969	56082.95212	56098.64063	503771.1	5411364.9
L3770.0	503771.1	5411366.6	80045.20313	332.87	0	48.855255	-86.948590	56226.74	56247.6	2.37	56229.10	56228.47656	56081.64543	56097.44141	503771.1	5411366.6
L3770.0	503771.1	5411368.3	80045.29688	332.25	0	48.855270	-86.948590	56226.65	56247.6	2.36	56229.01	56228.38672	56088.05878	56103.95313	503771.1	5411368.3
L3770.0	503771.1	5411369.8	80045.39844	330.57	0	48.855284	-86.948590	56226.08	56247.6	2.36	56228.44	56227.81250	56083.26891	56099.26172	503771.1	5411369.8
L3770.0	503771.1	5411369.8	80045.50000	329.57	0	48.855284	-86.948590	56225.82	56247.6	2.36	56228.18	56227.55078	56085.05469	56101.14453	503771.1	5411369.8
L3770.0	503771.1	5411372.0	80045.60156	330.91	0	48.855303	-86.948591	56225.23	56247.6	2.36	56227.58	56226.94922	56078.82410	56095.00391	503771.1	5411372.0
L3770.0	503771.1	5411372.0	80045.70313	330.91	0	48.855303	-86.948591	56225.04	56247.6	2.36	56227.39	56226.75781	56081.35971	56097.62891	503771.1	5411372.0
L3770.0	503771.1	5411373.4	80045.70313	331.13	0	48.855316	-86.948591	56224.38	56247.6	2.36	56226.73	56226.09766	56072.98818	56089.33984	503771.1	5411373.4
L3770.0	503771.1	5411375.1	80045.79688	331.07	0	48.855331	-86.948591	56224.46	56247.6	2.35	56226.82	56226.18750	56080.84054	56097.27344	503771.1	5411375.1
L3770.0	503771.0	5411377.1	80046.00000	333.95	0	48.855349	-86.948591	56223.78	56247.7	2.35	56226.13	56225.49609	56070.90503	56087.41406	503771.0	5411377.1
L3770.0	503771.0	5411377.1	80046.10156	333.34	0	48.855349	-86.948591	56224.02	56247.7	2.35	56226.37	56225.73438	56081.05318	56097.63281	503771.0	5411377.1
L3770.0	503771.0	5411378.5	80046.20313	333.91	0	48.855362	-86.948592	56223.40	56247.7	2.35	56225.74	56225.10156	56071.45910	56088.10547	503771.0	5411378.5
L3770.0	503771.0	5411379.7	80046.29688	333.08	0	48.855373	-86.948592	56223.86	56247.7	2.34	56226.20	56225.55859	56085.36867	56102.08203	503771.0	5411379.7
L3770.0	503771.0	5411379.7	80046.39844	333.87	0	48.855373	-86.948592	56223.17	56247.7	2.34	56225.51	56224.86719	56073.39320	56090.16797	503771.0	5411379.7
L3770.0	503771.0	5411381.7	80046.50000	332.09	0	48.855390	-86.948592	56223.54	56247.7	2.34	56225.88	56225.23828	56084.24074	56101.07031	503771.0	5411381.7
L3770.0	503771.0	5411383.3	80046.60156	330.34	0	48.855405	-86.948592	56223.02	56247.7	2.34	56225.35	56224.70703	56074.72018	56091.60547	503771.0	5411383.3
L3770.0	503771.0	5411383.3	80046.70313	330.34	0	48.855405	-86.948592	56223.42	56247.7	2.34	56225.75	56225.10547	56085.19673	56102.12891	503771.0	5411383.3
L3770.0	503770.9	5411385.0	80046.79688	328.93	0	48.855420	-86.948592	56223.29	56247.7	2.33	56225.63	56224.98438	56083.69039	56100.66797	503770.9	5411385.0
L3770.0	503770.9	5411386.6	80046.89844	329.44	0	48.855434	-86.948593	56223.42	56247.7	2.33	56225.75	56225.10156	56086.99873	56104.01953	503770.9	5411386.6
L3770.0	503770.9	5411387.6	80047.00000	329.13	0	48.855444	-86.948593	56223.50	56247.7	2.33	56225.83	56225.17969	56088.93806	56105.99609	503770.9	5411387.6
L3770.0	503770.9	5411389.4	80047.10156	329.93	0	48.855459	-86.948593	56223.71	56247.7	2.33	56226.05	56225.39844	56093.52502	56110.61719	503770.9	5411389.4
L3770.0	503770.9	5411389.4	80047.20313	330.50	0	48.855459	-86.948593	56223.42	56247.7	2.33	56225.75	56225.09766	56086.01952	56103.14063	503770.9	5411389.4
L3770.0	503770.9	5411389.4	80047.29688	332.33	0	48.855459	-86.948593	56223.93	56247.7	2.33	56226.26	56225.60547	56096.21524	56113.36328	503770.9	5411389.4
L3770.0	503770.9	5411391.0	80047.39844	333.07	0	48.855474	-86.948593	56223.81	56247.7	2.33	56226.14	56225.48438	56091.82490	56108.99219	503770.9	5411391.0
L3770.0	503770.9	5411392.2	80047.50000	334.03	0	48.855485	-86.948593	56224.14	56247.7	2.33	56226.48	56225.82031	56097.41170	56114.59766	503770.9	5411392.2
L3770.0	503770.9	5411393.8	80047.60156	333.96	0	48.855500	-86.948593	56224.21	56247.7	2.34	56226.54	56225.87891	56096.26736	56113.46875	503770.9	5411393.8
L3770.0	503770.9	5411394.9	80047.70313	333.96	0	48.855509	-86.948593	56224.50	56247.7	2.34	56226.84	56226.17969	56100.21765	56117.42969	503770.9	5411394.9
L3770.0	503770.9	5411396.3	80047.70313	332.62	0	48.855522	-86.948593	56224.70	56247.7	2.34	56227.03	56226.36719	56101.30915	56118.52734	503770.9	5411396.3
L3770.0	503770.9	5411396.3	80047.89844	333.44	0	48.855522	-86.948593	56225.08	56247.7	2.34	56227.42	56226.75391	56106.65924	56123.88281	503770.9	5411396.3
L3770.0	503770.9	5411397.9	80048.00000	335.57	0	48.855536	-86.948593	56225.44	56247.7	2.34	56227.78	56227.11328	56111.01887	56128.24219	503770.9	5411397.9
L3770.0	503770.9	5411397.9	80048.10156	334.26	0	48.855536	-86.948593	56225.85	56247.7	2.34	56228.18	56227.51172	56116.01236	56133.23047	503770.9	5411397.9
L3770.0	503770.9	5411399.4	80048.20313	335.04	0	48.855550	-86.948593	56226.31	56247.7	2.33	56228.64	56227.96875	56122.11760	56139.32813	503770.9	5411399.4
L3770.0	503770.9	5411401.3	80048.29688	333.36	0	48.855566	-86.948593	56226.69	56247.7	2.33	56229.02	56228.34766	56126.09879	56143.29688	503770.9	5411401.3
L3770.0	503770.9	5411402.7	80048.39844	334.75	0	48.855579	-86.948593	56226.98	56247.7	2.33	56229.30	56228.62500	56127.49157	56144.67578	503770.9	5411402.7
L3770.0	503770.9	5411403.7	80048.50000	334.64	0	48.855588	-86.948593	56227.47	56247.7	2.32	56229.80	56229.12109	56133.70330	56150.87109	503770.9	5411403.7
L3770.0	503770.9	5411404.7	80048.60156	334.04	0	48.855597	-86.948593	56227.87	56247.7	2.32	56230.19	56229.51172	56137.08961	56154.23438	503770.9	5411404.7
L3770.0	503770.9	5411404.7	80048.70313	334.04	0	48.855597	-86.948593	56228.61	56247.7	2.32	56230.92	56230.23828	56148.03918	56165.15625	503770.9	5411404.7
L3770.0	503770.9	5411406.0	80048.79688	330.79	0	48.855609	-86.948593	56228.71	56247.7	2.32	56231.02	56230.33594	56144.16985	56161.26172	503770.9	5411406.0
L3770.0	503770.9	5411407.4	80048.89844	332.40	0	48.855622	-86.948593	56229.29	56247.7	2.31	56231.60	56230.91406	56151.05531	56168.11328	503770.9	5411407.4
L3770.0	503770.9	5411408.7	80049.00000	331.50	0	48.855633	-86.948593	56229.53	56247.7	2.31	56231.84	56231.15234	56149.84429	56166.86719	503770.9	5411408.7
L3770.0	503770.9	5411408.7	80049.10156	332.16	0	48.855633	-86.948593	56230.08	56247.7	2.31	56232.39	56231.69922	56155.43003	56172.41406	503770.9	5411408.7
L3770.0	503770.9	5411410.1	80049.20313	330.89	0	48.855646	-86.948593	56230.86	56247.7	2.31	56233.17	56232.47656	56165.93474	56182.87500	503770.9	5411410.1
L3770.0	503770.9	5411411.4	80049.29688	331.72	0	48.855657	-86.948593	56231.03	56247.7	2.31	56233.34	56232.64453	56162.27216	56179.16797	503770.9	5411411.4
L3770.0	503770.9	5411411.4	80049.39844	331.09	0	48.855657	-86.948593	56231.89	56247.7	2.31	56234.21	56233.51172	56174.19757	56191.04688	503770.9	5411411.4
L3770.0	503770.9	5411412.8	80049.50000	330.50	0	48.855670	-86.948593	56232.18	56247.7	2.32	56234.49	56233.78906	56172.49196	56189.28906	503770.9	5411412.8
L3770.0	503770.9	5411414.2	80049.60156	331.75	0	48.855683	-86.948593	56232.72	56247.7	2.32	56235.03	56234.32422	56176.41026	56193.15234	503770.9	5411414.2
L3770.0	503770.9	5411414.2	80049.70313	331.75	0	48.855683	-86.948593	56233.60	56247.7	2.32	56235.92	56235.21094	56187.96983	56204.65625	503770.9	5411414.2
L3770.0	503770.9	5411415.6	80049.70313	331.43	0	48.855695	-86.948593	56234.12	56247.7	2.32	56236.44	56235.73047	56190.96267	56207.58984	503770.9	5411415.6
L3770.0	503770.9	5411417.0	80049.89844	330.82	0	48.855708	-86.948593	56234.63	56247.7	2.32	56236.95	56236.23438	56193.52055	56210.08203	503770.9	5411417.0
L3770.0	503770.9	5411417.0	80050.00000	332.02	0	48.855708	-86.948593	56235.07	56247.7	2.32	56237.39	56236.67188	56194.30684	56210.80469	503770.9	5411417.0
L3770.0	503770.9	5411418.3	80050.10156	334.35	0	48.855720	-86.948593	56235.59	56247.7	2.32	56237.91	56237.18750	56196.70550	56213.13281	503770.9	5411418.3
L3770.0	503770.9	5411419.6	80050.20313	335.81	0	48.855732	-86.948593	56236.37	56247.7	2.32	56238.69	56237.96484	56204.78705	56221.14453	503770.9	5411419.6
L3770.0	503770.9	5411419.6	80050.29688	334.18	0	48.855732	-86.948593	56237.11	56247.7	2.32	56239.43	56238.70313	56211.82347	56228.10547	503770.9	5411419.6
L3770.0	503770.9	5411421.1	80050.39844	333.95	0	48.855745	-86.948593	56237.38	56247.7	2.32	56239.71	56238.97656	56208.34195	56224.55078	503770.9	5411421.1
L3770.0	503770.9	5411421.1	80050.50000	333.76	0	48.855745	-86.948593	56237.96	56247.7	2.32	56240.29	56239.55469	56211.50674	56227.63672	503770.9	5411421.1
L3770.0	503770.9	5411422.4	80050.60156	332.58	0	48.855756	-86.948593	56238.73	56247.7	2.33	56241.06	56240.32031	56218.88126	56234.92969	503770.9	5411422.4
L3770.0	503770.9	5411423.5	80050.70313	332.58	0	48.855767	-86.948593	56239.15	56247.7	2.33	56241.48	56240.73438	56218.22101	56234.18359	503770.9	5411423.5
L3770.0	503770.9	5411424.9	80050.79688	332.73	0	48.855779	-86.948593	56239.88	56247.7	2.33	56242.21	56241.46094	56224.54429	56240.42188	503770.9	5411424.9
L3770.0	503770.9	5411424.9	80050.89844	331.69	0	48.855779	-86.948593	56240.27	56247.7	2.33	56242.60	56241.84766	56223.03748	56238.82813	503770.9	5411424.9
L3770.0	503770.9	5411426.2	80051.00000	330.44	0	48.855791	-86.948593	56241.14	56247.7	2.33	56243.47	56242.71484	56232.48081	56248.17969	503770.9	5411426.2
L3770.0	503770.9	5411426.2	80051.10156	331.68	0	48.855791	-86.948593	56241.54	56247.7	2.33	56243.87	56243.10938	56231.09396	56246.70313	503770.9	5411426.2
L3770.0	503770.9	5411427.3	80051.20313	331.09	0	48.855801	-86.948593	56242.31	56247.7	2.33	56244.64	56243.87500	56238.20876	56253.72266	503770.9	5411427.3
L3770.0	503770.9	5411428.5	80051.29688	333.00	0	48.855812	-86.948593	56242.59	56247.7	2.32	56244.91	56244.14063	56233.73538	56249.15234	503770.9	5411428.5
L3770.0	503770.8	5411429.5	80051.39844	332.75	0	48.855821	-86.948594	56243.40	56247.7	2.32	56245.72	56244.94531	56241.77989	56257.10156	503770.8	5411429.5
L3770.0	503770.8	5411429.5	80051.50000	332.98	0	48.855821	-86.948594	56243.96	56247.7	2.32	56246.28	56245.50000	56244.02640	56259.24609	503770.8	5411429.5
L3770.0	503770.8	5411430.5	80051.60156	333.72	0	48.855829	-86.948594	56244.64	56247.7	2.32	56246.96	56246.17578	56249.09772	56264.21484	503770.8	5411430.5
L3770.0	503770.8	5411431.6	80051.70313	333.72	0	48.855839	-86.948594	56245.27	56247.7	2.32	56247.59	56246.80078	56253.03430	56268.05078	503770.8	5411431.6
L3770.0	503770.8	5411431.6	80051.70313	333.65	0	48.855839	-86.948594	56245.86	56247.7	2.32	56248.17	56247.37500	56255.83401	56270.74609	503770.8	5411431.6
L3770.0	503770.8	5411432.5	80051.89844	334.24	0	48.855848	-86.948594	56246.21	56247.7	2.31	56248.53	56247.72656	56253.47727	56268.28125	503770.8	5411432.5
L3770.0	503770.8	5411433.4	80052.00000	334.06	0	48.855856	-86.948594	56246.97	56247.7	2.31	56249.28	56248.47266	56260.38736	56275.08594	503770.8	5411433.4
L3770.0	503770.8	5411434.3	80052.10156	334.27	0	48.855864	-86.948594	56247.39	56247.7	2.31	56249.70	56248.88672	56259.53931	56274.12891	503770.8	5411434.3
L3770.0	503770.8	5411434.3	80052.20313	336.12	0	48.855864	-86.948594	56247.74	56247.7	2.31	56250.05	56249.23047	56257.07834	56271.55469	503770.8	5411434.3
L3770.0	503770.8	5411435.2	80052.29688	334.78	0	48.855872	-86.948594	56248.03	56247.7	2.31	56250.33	56249.50391	56253.00807	56267.37500	503770.8	5411435.2
L3770.0	503770.8	5411436.2	80052.39844	335.68	0	48.855881	-86.948594	56248.46	56247.7	2.31	56250.76	56249.92969	56252.58162	56266.83594	503770.8	5411436.2
L3770.0	503770.8	5411436.2	80052.50000	336.08	0	48.855881	-86.948594	56249.27	56247.7	2.31	56251.58	56250.74219	56261.54194	56275.68359	503770.8	5411436.2
L3770.0	503770.8	5411437.5	80052.60156	335.30	0	48.855892	-86.948594	56249.79	56247.7	2.30	56252.10	56251.25781	56263.44082	56277.46484	503770.8	5411437.5
L3770.0	503770.8	5411438.3	80052.70313	335.30	0	48.855900	-86.948594	56250.52	56247.7	2.30	56252.82	56251.96875	56270.20096	56284.10938	503770.8	5411438.3
L3770.0	503770.8	5411438.3	80052.79688	335.15	0	48.855900	-86.948594	56250.71	56247.7	2.30	56253.01	56252.15234	56264.43663	56278.23047	503770.8	5411438.3
L3770.0	503770.8	5411439.3	80052.89844	334.46	0	48.855909	-86.948594	56251.27	56247.7	2.30	56253.57	56252.70703	56267.59149	56281.26953	503770.8	5411439.3
L3770.0	503770.8	5411440.2	80053.00000	333.23	0	48.855917	-86.948593	56251.55	56247.7	2.30	56253.85	56252.98047	56264.21742	56277.77734	503770.8	5411440.2
L3770.0	503770.8	5411440.2	80053.10156	334.15	0	48.855917	-86.948593	56252.11	56247.7	2.30	56254.40	56253.52344	56267.36832	56280.80469	503770.8	5411440.2
L3770.0	503770.8	5411441.0	80053.20313	331.58	0	48.855924	-86.948593	56252.60	56247.7	2.29	56254.89	56254.00781	56269.22243	56282.53906	503770.8	5411441.0
L3770.0	503770.8	5411441.8	80053.29688	332.75	0	48.855931	-86.948593	56252.89	56247.7	2.29	56255.18	56254.28906	56266.51268	56279.71094	503770.8	5411441.8
L3770.0	503770.8	5411442.8	80053.39844	332.55	0	48.855940	-86.948594	56253.52	56247.7	2.28	56255.80	56254.90234	56271.68963	56284.76563	503770.8	5411442.8
L3770.0	503770.8	5411442.8	80053.50000	333.55	0	48.855940	-86.948594	56253.82	56247.7	2.28	56256.10	56255.19531	56269.52799	56282.48438	503770.8	5411442.8
L3770.0	503770.8	5411443.5	80053.60156	333.18	0	48.855947	-86.948594	56254.40	56247.7	2.27	56256.67	56255.75781	56273.81845	56286.65234	503770.8	5411443.5
L3770.0	503770.8	5411444.3	80053.70313	333.18	0	48.855954	-86.948594	56254.79	56247.7	2.26	56257.05	56256.12891	56273.84919	56286.55859	503770.8	5411444.3

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L3770.0	503770.8	5411445.1	80053.70313	334.13	0	48.855960	-86.948594	56255.14	56247.7	2.26	56257.41	56256.48047	56273.59182	56286.17969	503770.8	5411445.1
L3770.0	503770.8	5411445.1	80053.89844	334.52	0	48.855960	-86.948594	56255.66	56247.7	2.25	56257.92	56256.98438	56276.97971	56289.44531	503770.8	5411445.1
L3770.0	503770.8	5411446.1	80054.00000	335.09	0	48.855970	-86.948594	56256.06	56247.8	2.25	56258.31	56257.36328	56277.77495	56290.11719	503770.8	5411446.1
L3770.0	503770.8	5411446.1	80054.10156	331.65	0	48.855970	-86.948594	56256.45	56247.7	2.25	56258.70	56257.74609	56278.75973	56290.98047	503770.8	5411446.1
L3770.0	503770.8	5411446.9	80054.20313	332.04	0	48.855977	-86.948594	56256.81	56247.7	2.26	56259.07	56258.10938	56279.47682	56291.57422	503770.8	5411446.9
L3770.0	503770.8	5411446.9	80054.29688	331.58	0	48.855977	-86.948594	56257.21	56247.7	2.26	56259.47	56258.50000	56281.08554	56293.05859	503770.8	5411446.9
L3770.0	503770.8	5411447.6	80054.39844	333.31	0	48.855983	-86.948594	56257.34	56247.7	2.26	56259.60	56258.62109	56276.63674	56288.48828	503770.8	5411447.6
L3770.0	503770.8	5411448.3	80054.50000	332.57	0	48.855990	-86.948594	56257.77	56247.7	2.26	56260.04	56259.05469	56279.56873	56291.29688	503770.8	5411448.3
L3770.0	503770.8	5411448.3	80054.60156	331.91	0	48.855990	-86.948594	56258.06	56247.7	2.27	56260.32	56259.32422	56278.98215	56290.58203	503770.8	5411448.3
L3770.0	503770.8	5411449.1	80054.70313	331.91	0	48.855997	-86.948594	56258.24	56247.7	2.27	56260.51	56259.50781	56276.47983	56287.95703	503770.8	5411449.1
L3770.0	503770.8	5411449.7	80054.79688	330.90	0	48.856002	-86.948594	56258.66	56247.7	2.27	56260.94	56259.92578	56279.79994	56291.15234	503770.8	5411449.7
L3770.0	503770.8	5411449.7	80054.89844	330.62	0	48.856002	-86.948594	56259.18	56247.7	2.28	56261.46	56260.43750	56285.47540	56296.70703	503770.8	5411449.7
L3770.0	503770.8	5411450.4	80055.00000	334.61	0	48.856008	-86.948594	56259.17	56247.7	2.28	56261.45	56260.41797	56278.81377	56289.92188	503770.8	5411450.4
L3770.0	503770.8	5411451.0	80055.10156	336.44	0	48.856014	-86.948594	56259.34	56247.7	2.28	56261.61	56260.57031	56276.34052	56287.32422	503770.8	5411451.0
L3770.0	503770.8	5411451.5	80055.20313	335.35	0	48.856018	-86.948594	56259.99	56247.7	2.27	56262.27	56261.22266	56286.04141	56296.90234	503770.8	5411451.5
L3770.0	503770.8	5411451.5	80055.29688	335.93	0	48.856018	-86.948594	56260.25	56247.7	2.27	56262.52	56261.46094	56286.14508	56296.88281	503770.8	5411451.5
L3770.0	503770.8	5411452.0	80055.39844	336.56	0	48.856023	-86.948594	56260.43	56247.7	2.27	56262.69	56261.62109	56284.50249	56295.11719	503770.8	5411452.0
L3770.0	503770.8	5411452.5	80055.50000	336.53	0	48.856028	-86.948594	56260.22	56247.7	2.26	56262.49	56261.41406	56274.01334	56284.50781	503770.8	5411452.5
L3770.0	503770.8	5411452.5	80055.60156	335.18	0	48.856028	-86.948594	56260.97	56247.7	2.26	56263.23	56262.14453	56286.64514	56297.01563	503770.8	5411452.5
L3770.0	503770.8	5411453.1	80055.70313	335.18	0	48.856032	-86.948594	56261.19	56247.7	2.26	56263.45	56262.35156	56286.78293	56297.03125	503770.8	5411453.1
L3770.0	503770.8	5411453.5	80055.70313	334.74	0	48.856036	-86.948594	56261.63	56247.7	2.26	56263.88	56262.77344	56292.29311	56302.42188	503770.8	5411453.5
L3770.0	503770.8	5411454.0	80055.89844	335.58	0	48.856041	-86.948594	56261.68	56247.7	2.25	56263.94	56262.82422	56288.85131	56298.85938	503770.8	5411454.0
L3770.0	503770.8	5411454.0	80056.00000	335.06	0	48.856041	-86.948594	56262.02	56247.8	2.25	56264.27	56263.14453	56292.27430	56302.16016	503770.8	5411454.0
L3770.0	503770.8	5411454.4	80056.10156	334.78	0	48.856044	-86.948594	56262.18	56247.8	2.25	56264.43	56263.29297	56291.65260	56301.41797	503770.8	5411454.4
L3770.0	503770.8	5411454.4	80056.20313	336.64	0	48.856044	-86.948594	56262.27	56247.8	2.25	56264.51	56263.36328	56289.20643	56298.84766	503770.8	5411454.4
L3770.0	503770.8	5411454.9	80056.29688	335.50	0	48.856049	-86.948594	56262.37	56247.8	2.25	56264.62	56263.46484	56287.67620	56297.19922	503770.8	5411454.9
L3770.0	503770.8	5411455.2	80056.39844	336.52	0	48.856052	-86.948594	56262.42	56247.8	2.25	56264.66	56263.49219	56284.57289	56293.97656	503770.8	5411455.2
L3770.0	503770.8	5411455.6	80056.50000	335.79	0	48.856055	-86.948593	56262.86	56247.8	2.24	56265.10	56263.92188	56291.59781	56300.88281	503770.8	5411455.6
L3770.0	503770.9	5411455.9	80056.60156	337.67	0	48.856058	-86.948593	56262.78	56247.8	2.24	56265.02	56263.83203	56285.85781	56295.02344	503770.9	5411455.9
L3770.0	503770.9	5411455.9	80056.70313	337.67	0	48.856058	-86.948593	56263.26	56247.8	2.24	56265.50	56264.30469	56294.19143	56303.23828	503770.9	5411455.9
L3770.0	503770.9	5411456.3	80056.79688	337.64	0	48.856061	-86.948593	56263.18	56247.8	2.24	56265.43	56264.22266	56289.05589	56297.98438	503770.9	5411456.3
L3770.0	503770.9	5411456.3	80056.89844	338.73	0	48.856061	-86.948593	56263.41	56247.8	2.24	56265.65	56264.43359	56291.26984	56300.08203	503770.9	5411456.3
L3770.0	503770.9	5411456.6	80057.00000	337.36	0	48.856064	-86.948592	56263.56	56247.8	2.24	56265.80	56264.57031	56291.91918	56300.61328	503770.9	5411456.6
L3770.0	503770.9	5411456.9	80057.10156	335.95	0	48.856067	-86.948592	56263.52	56247.8	2.24	56265.76	56264.51953	56288.06530	56296.64063	503770.9	5411456.9
L3770.0	503770.9	5411456.9	80057.20313	334.86	0	48.856067	-86.948592	56263.59	56247.8	2.24	56265.83	56264.58203	56287.09016	56295.54688	503770.9	5411456.9
L3770.0	503770.9	5411457.1	80057.29688	334.86	0	48.856069	-86.948592	56263.72	56247.8	2.24	56265.96	56264.69922	56287.74968	56296.08984	503770.9	5411457.1
L3770.0	503770.9	5411457.3	80057.39844	334.69	0	48.856070	-86.948592	56263.82	56247.8	2.24	56266.06	56264.78906	56287.83281	56296.05469	503770.9	5411457.3
L3770.0	503770.9	5411457.3	80057.50000	334.43	0	48.856070	-86.948592	56263.90	56247.8	2.25	56266.15	56264.86719	56287.82748	56295.93359	503770.9	5411457.3
L3770.0	503771.0	5411457.4	80057.60156	332.07	0	48.856071	-86.948592	56264.07	56247.8	2.25	56266.32	56265.02734	56289.92978	56297.91797	503771.0	5411457.4
L3770.0	503771.0	5411457.5	80057.70313	332.07	0	48.856072	-86.948592	56264.40	56247.8	2.25	56266.65	56265.34766	56296.08973	56303.96094	503771.0	5411457.5
L3770.0	503771.0	5411457.6	80057.70313	330.37	0	48.856073	-86.948592	56264.59	56247.8	2.25	56266.84	56265.52734	56298.98964	56306.74609	503771.0	5411457.6
L3770.0	503771.0	5411457.6	80057.89844	333.41	0	48.856073	-86.948592	56264.70	56247.8	2.25	56266.94	56265.61328	56299.85191	56307.49219	503771.0	5411457.6
L3770.0	503771.0	5411457.7	80058.00000	333.29	0	48.856074	-86.948591	56264.86	56247.8	2.25	56267.11	56265.77344	56302.58882	56310.11328	503771.0	5411457.7
L3770.0	503771.0	5411457.7	80058.10156	334.65	0	48.856074	-86.948592	56264.92	56247.8	2.25	56267.17	56265.82422	56302.78974	56310.19922	503771.0	5411457.7
L3770.0	503771.0	5411457.8	80058.20313	335.84	0	48.856075	-86.948592	56264.90	56247.8	2.25	56267.15	56265.79297	56301.16986	56308.46094	503771.0	5411457.8
L3770.0	503770.9	5411457.8	80058.29688	336.01	0	48.856075	-86.948592	56264.94	56247.8	2.25	56267.19	56265.82031	56301.16319	56308.33984	503770.9	5411457.8
L3770.0	503770.9	5411457.8	80058.39844	336.75	0	48.856075	-86.948592	56264.82	56247.8	2.25	56267.07	56265.69141	56297.31690	56304.37891	503770.9	5411457.8
L3770.0	503770.9	5411457.9	80058.50000	336.52	0	48.856076	-86.948592	56264.95	56247.8	2.25	56267.19	56265.80078	56299.54832	56306.49609	503770.9	5411457.9
L3770.0	503770.9	5411457.9	80058.60156	336.23	0	48.856076	-86.948592	56265.07	56247.8	2.24	56267.31	56265.91016	56301.91649	56308.74609	503770.9	5411457.9
L3780.0	503782.3	5410332.5	41438.69922	261.07	0	48.845952	-86.948447	56059.13	56243.3	6.69	56065.82	56060.48047	56075.80631	56068.34375	503782.3	5410332.5
L3780.0	503782.3	5410332.5	41438.80078	261.99	0	48.845952	-86.948447	56059.99	56243.3	6.69	56066.68	56061.31641	56076.54145	56069.07813	503782.3	5410332.5
L3780.0	503782.3	5410332.9	41438.89844	263.41	0	48.845955	-86.948447	56060.90	56243.3	6.69	56067.59	56062.20703	56077.27933	56069.81641	503782.3	5410332.9
L3780.0	503782.3	5410333.1	41439.00000	262.39	0	48.845958	-86.948447	56061.91	56243.3	6.69	56068.60	56063.19141	56078.02027	56070.55469	503782.3	5410333.1
L3780.0	503782.3	5410333.4	41439.10156	261.05	0	48.845960	-86.948447	56062.85	56243.3	6.69	56069.54	56064.10938	56078.76007	56071.29688	503782.3	5410333.4
L3780.0	503782.3	5410333.7	41439.19922	260.62	0	48.845962	-86.948447	56064.09	56243.3	6.69	56070.78	56065.32813	56079.50589	56072.03906	503782.3	5410333.7
L3780.0	503782.3	5410333.7	41439.30078	262.69	0	48.845962	-86.948447	56065.18	56243.3	6.69	56071.86	56066.38672	56080.24924	56072.78125	503782.3	5410333.7
L3780.0	503782.3	5410334.0	41439.39844	262.70	0	48.845965	-86.948447	56066.01	56243.3	6.69	56072.70	56067.20313	56080.99031	56073.52344	503782.3	5410334.0
L3780.0	503782.3	5410334.3	41439.50000	260.78	0	48.845968	-86.948448	56067.00	56243.3	6.69	56073.68	56068.16406	56081.73556	56074.26953	503782.3	5410334.3
L3780.0	503782.3	5410334.6	41439.60156	260.88	0	48.845971	-86.948448	56067.70	56243.3	6.68	56074.39	56068.85156	56082.47927	56075.01172	503782.3	5410334.6
L3780.0	503782.3	5410334.6	41439.69922	260.02	0	48.845971	-86.948448	56068.46	56243.3	6.68	56075.14	56069.57813	56083.22545	56075.75781	503782.3	5410334.6
L3780.0	503782.2	5410335.1	41439.80078	257.94	0	48.845975	-86.948448	56068.74	56243.3	6.68	56075.42	56069.83594	56083.96882	56076.50000	503782.2	5410335.1
L3780.0	503782.2	5410335.6	41439.89844	258.87	0	48.845980	-86.948448	56069.72	56243.3	6.68	56076.40	56070.79688	56084.72084	56077.25391	503782.2	5410335.6
L3780.0	503782.2	5410335.6	41440.00000	259.59	0	48.845980	-86.948448	56070.14	56243.3	6.68	56076.82	56071.19531	56085.46907	56078.00000	503782.2	5410335.6
L3780.0	503782.2	5410336.2	41440.10156	258.81	0	48.845985	-86.948449	56071.09	56243.3	6.68	56077.77	56072.12500	56086.22341	56078.75781	503782.2	5410336.2
L3780.0	503782.2	5410336.7	41440.19922	258.15	0	48.845990	-86.948449	56071.73	56243.3	6.68	56078.40	56072.73438	56086.97607	56079.51172	503782.2	5410336.7
L3780.0	503782.2	5410336.7	41440.30078	258.39	0	48.845990	-86.948449	56072.23	56243.3	6.68	56078.91	56073.22266	56087.72855	56080.26563	503782.2	5410336.7
L3780.0	503782.2	5410337.2	41440.39844	258.34	0	48.845994	-86.948449	56072.81	56243.3	6.68	56079.49	56073.78125	56088.48243	56081.01953	503782.2	5410337.2
L3780.0	503782.2	5410337.8	41440.39844	258.34	0	48.845999	-86.948449	56073.15	56243.3	6.68	56079.82	56074.09375	56089.23386	56081.77344	503782.2	5410337.8
L3780.0	503782.2	5410337.8	41440.60156	261.08	0	48.845999	-86.948449	56074.16	56243.3	6.67	56080.83	56075.08203	56089.99373	56082.53516	503782.2	5410337.8
L3780.0	503782.1	5410338.5	41440.69922	263.06	0	48.846005	-86.948450	56074.76	56243.3	6.67	56081.43	56075.66406	56090.74870	56083.29297	503782.1	5410338.5
L3780.0	503782.1	5410338.9	41440.80078	262.65	0	48.846010	-86.948450	56075.40	56243.3	6.67	56082.07	56076.28516	56091.50427	56084.05078	503782.1	5410338.9
L3780.0	503782.1	5410338.9	41440.89844	263.36	0	48.846010	-86.948450	56076.07	56243.3	6.67	56082.74	56076.93750	56092.26054	56084.80859	503782.1	5410338.9
L3780.0	503782.1	5410339.5	41441.00000	265.03	0	48.846015	-86.948450	56077.09	56243.3	6.67	56083.76	56077.94141	56093.02500	56085.57813	503782.1	5410339.5
L3780.0	503782.1	5410340.1	41441.10156	263.08	0	48.846020	-86.948450	56078.11	56243.3	6.67	56084.78	56078.94141	56093.79147	56086.34766	503782.1	5410340.1
L3780.0	503782.1	5410340.8	41441.19922	260.97	0	48.846027	-86.948450	56079.24	56243.3	6.67	56085.91	56080.05469	56094.56398	56087.12500	503782.1	5410340.8
L3780.0	503782.1	5410340.8	41441.30078	261.53	0	48.846027	-86.948450	56080.15	56243.3	6.67	56086.82	56080.94922	56095.33351	56087.90234	503782.1	5410340.8
L3780.0	503782.1	5410341.5	41441.39844	262.14	0	48.846033	-86.948451	56081.59	56243.3	6.67	56088.26	56082.37109	56096.12557	56088.69922	503782.1	5410341.5
L3780.0	503782.0	5410342.2	41441.50000	261.72	0	48.846039	-86.948451	56082.63	56243.3	6.67	56089.30	56083.39453	56096.90916	56089.48828	503782.0	5410342.2
L3780.0	503782.0	5410342.9	41441.60156	261.42	0	48.846045	-86.948451	56083.64	56243.3	6.67	56090.31	56084.39063	56097.69629	56090.28125	503782.0	5410342.9
L3780.0	503782.0	5410342.9	41441.69922	261.79	0	48.846045	-86.948451	56084.95	56243.3	6.67	56091.62	56085.68359	56098.50272	56091.09375	503782.0	5410342.9
L3780.0	503782.0	5410343.9	41441.80078	261.11	0	48.846054	-86.948451	56086.04	56243.3	6.67	56092.71	56086.76172	56099.30469	56091.90234	503782.0	5410343.9
L3780.0	503782.0	5410344.4	41441.89844	262.35	0	48.846059	-86.948451	56086.82	56243.3	6.67	56093.49	56087.52734	56100.09465	56092.69922	503782.0	5410344.4
L3780.0	503782.0	5410345.0	41442.00000	260.95	0	48.846064	-86.948451	56088.13	56243.3	6.67	56094.79	56088.81250	56100.91872	56093.53125	503782.0	5410345.0
L3780.0	503782.0	5410345.0	41442.10156	260.96	0	48.846064	-86.948451	56088.86	56243.3	6.67	56095.52	56089.53125	56101.71370	56094.33594	503782.0	5410345.0
L3780.0	503782.0	5410345.7	41442.19922	261.59	0	48.846071	-86.948451	56089.84	56243.3	6.67	56096.50	56090.49609	56102.52874	56095.16016	503782.0	5410345.7
L3780.0	503782.0	5410346.6	41442.30078	260.64	0	48.846079	-86.948451	56090.70	56243.3	6.66	56097.36	56091.34375	56103.34077	56095.98047	503782.0	5410346.6
L3780.0	503782.0	5410346.6	41442.39844	264.44	0	48.846079	-86.948451	56092.14	56243.3	6.66	56098.80	56092.77344	56104.20129	56096.85156	503782.0	5410346.6
L3780.0	503782.0	5410347.3	41442.39844	264.44	0	48.846086	-86.948451	56093.50	56243.3	6.66	56100.17	56094.13281	56105.06536	56097.72656	503782.0	5410347.3
L3780.0	503782.0	5410348.1	41442.60156	263.45	0	48.846092	-86.948451	56094.80	56243.3	6.66	56101.46	56095.41016	56105.93123	56098.60547	503782.0	5410348.1
L3780.0	503782.1	5410348.7	41442.69922	261.02	0	48.846098	-86.948451	56095.56	56243.3	6.66	56102.22	56096.16016	56106.76068	56099.44531	503782.1	5410348.7
L3780.0	503782.1	5410348.7	41442.80078	261.25	0	48.846098	-86.948451	56097.02	56243.3	6.65	56103.67	56097.60156	56107.65356	56100.35156	503782.1	5410348.7
L3780.0	503782.1	5410349.4	41442.89844	263.40	0	48.846104	-86.948451	56098.26	56243.3	6.65	56104.91	56098.83594	56108.53557	56101.24609	503782.1	5410349.4
L3780.0	503782.1	5410350.3	41443.00000	264.80	0	48.846112	-86.948451	56099.05	56243.3	6.65	56105.70	56099.61719	56109.38490	56102.10938	503782.1	5410350.3

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L3780.0	503782.1	5410350.3	41443.10156	265.25	0	48.846112	-86.948451	56100.66	56243.4	6.65	56107.31	56101.21875	56110.31008	56103.05078	503782.1	5410350.3
L3780.0	503782.0	5410351.1	41443.19922	266.29	0	48.846119	-86.948451	56101.81	56243.4	6.65	56108.46	56102.36328	56111.20059	56103.95313	503782.0	5410351.1
L3780.0	503782.0	5410351.9	41443.30078	264.03	0	48.846127	-86.948451	56103.17	56243.4	6.65	56109.81	56103.70313	56112.11190	56104.88281	503782.0	5410351.9
L3780.0	503782.0	5410352.8	41443.39844	264.33	0	48.846135	-86.948451	56104.23	56243.4	6.65	56110.87	56104.75781	56113.00251	56105.78906	503782.0	5410352.8
L3780.0	503782.0	5410353.8	41443.50000	263.65	0	48.846143	-86.948451	56105.52	56243.4	6.65	56112.17	56106.05469	56113.91475	56106.71484	503782.0	5410353.8
L3780.0	503782.0	5410353.8	41443.60156	261.55	0	48.846143	-86.948451	56106.48	56243.4	6.64	56113.12	56107.00000	56114.80226	56107.62109	503782.0	5410353.8
L3780.0	503782.0	5410354.5	41443.69922	263.33	0	48.846150	-86.948452	56107.84	56243.4	6.64	56114.49	56108.36719	56115.72109	56108.55859	503782.0	5410354.5
L3780.0	503781.9	5410355.4	41443.80078	263.21	0	48.846158	-86.948452	56109.39	56243.4	6.64	56116.04	56109.91406	56116.64920	56109.50391	503781.9	5410355.4
L3780.0	503781.9	5410355.4	41443.89844	265.54	0	48.846158	-86.948452	56110.75	56243.4	6.64	56117.39	56111.26172	56117.56110	56110.43359	503781.9	5410355.4
L3780.0	503781.9	5410356.4	41444.00000	262.04	0	48.846167	-86.948453	56111.84	56243.4	6.64	56118.48	56112.34766	56118.45664	56111.35156	503781.9	5410356.4
L3780.0	503781.9	5410357.5	41444.10156	260.62	0	48.846176	-86.948453	56113.06	56243.4	6.64	56119.71	56113.57813	56119.35762	56112.26953	503781.9	5410357.5
L3780.0	503781.9	5410357.5	41444.19922	261.87	0	48.846176	-86.948453	56114.70	56243.4	6.65	56121.35	56115.21484	56120.27044	56113.20313	503781.9	5410357.5
L3780.0	503781.8	5410358.5	41444.30078	261.41	0	48.846186	-86.948453	56115.76	56243.4	6.65	56122.41	56116.27734	56121.15813	56114.11328	503781.8	5410358.5
L3780.0	503781.8	5410359.8	41444.39844	257.32	0	48.846198	-86.948454	56116.80	56243.3	6.65	56123.45	56117.31641	56122.04511	56115.02344	503781.8	5410359.8
L3780.0	503781.8	5410360.6	41444.39844	257.32	0	48.846204	-86.948454	56117.69	56243.3	6.65	56124.34	56118.20703	56122.93010	56115.92969	503781.8	5410360.6
L3780.0	503781.8	5410360.6	41444.60156	255.18	0	48.846204	-86.948454	56119.48	56243.3	6.66	56126.13	56120.00000	56123.82434	56116.84766	503781.8	5410360.6
L3780.0	503781.8	5410361.6	41444.69922	258.34	0	48.846214	-86.948455	56120.93	56243.3	6.66	56127.59	56121.46094	56124.70924	56117.75391	503781.8	5410361.6
L3780.0	503781.7	5410362.8	41444.80078	258.80	0	48.846224	-86.948455	56122.09	56243.3	6.66	56128.75	56122.62500	56125.59178	56118.66016	503781.7	5410362.8
L3780.0	503781.7	5410364.0	41444.89844	256.84	0	48.846236	-86.948455	56123.46	56243.3	6.67	56130.12	56124.00000	56126.47274	56119.56641	503781.7	5410364.0
L3780.0	503781.7	5410364.0	41445.00000	258.12	0	48.846236	-86.948455	56124.72	56243.3	6.67	56131.39	56125.27344	56127.35426	56120.47266	503781.7	5410364.0
L3780.0	503781.7	5410365.2	41445.10156	261.16	0	48.846246	-86.948455	56126.34	56243.3	6.67	56133.01	56126.89844	56128.23015	56121.37500	503781.7	5410365.2
L3780.0	503781.7	5410365.2	41445.19922	265.08	0	48.846246	-86.948455	56127.33	56243.3	6.67	56133.99	56127.88281	56129.11945	56122.28906	503781.7	5410365.2
L3780.0	503781.7	5410366.1	41445.30078	262.73	0	48.846255	-86.948455	56128.84	56243.3	6.66	56135.51	56129.41016	56129.99969	56123.19531	503781.7	5410366.1
L3780.0	503781.7	5410367.1	41445.39844	259.41	0	48.846263	-86.948455	56129.80	56243.3	6.66	56136.46	56130.36719	56130.89726	56124.12109	503781.7	5410367.1
L3780.0	503781.7	5410368.5	41445.50000	257.74	0	48.846275	-86.948455	56131.42	56243.3	6.66	56138.08	56131.99609	56131.78096	56125.03125	503781.7	5410368.5
L3780.0	503781.7	5410369.6	41445.60156	258.25	0	48.846286	-86.948455	56132.82	56243.3	6.66	56139.48	56133.40234	56132.67507	56125.95313	503781.7	5410369.6
L3780.0	503781.7	5410369.6	41445.69922	259.13	0	48.846286	-86.948455	56134.36	56243.3	6.66	56141.01	56134.94141	56133.57106	56126.87891	503781.7	5410369.6
L3780.0	503781.7	5410370.6	41445.80078	258.20	0	48.846294	-86.948455	56135.21	56243.3	6.65	56141.87	56135.80859	56134.49193	56127.82813	503781.7	5410370.6
L3780.0	503781.7	5410371.8	41445.89844	258.13	0	48.846305	-86.948455	56136.36	56243.3	6.65	56143.01	56136.96094	56135.41051	56128.77734	503781.7	5410371.8
L3780.0	503781.7	5410371.8	41446.00000	259.34	0	48.846305	-86.948455	56137.89	56243.3	6.65	56144.54	56138.50000	56136.32483	56129.72266	503781.7	5410371.8
L3780.0	503781.7	5410372.6	41446.10156	261.56	0	48.846313	-86.948455	56139.42	56243.4	6.65	56146.07	56140.04297	56137.24574	56130.67188	503781.7	5410372.6
L3780.0	503781.7	5410373.6	41446.19922	258.61	0	48.846322	-86.948455	56140.72	56243.4	6.65	56147.37	56141.35156	56138.17710	56131.63281	503781.7	5410373.6
L3780.0	503781.7	5410373.6	41446.30078	259.09	0	48.846322	-86.948455	56142.16	56243.4	6.64	56148.80	56142.79688	56139.11027	56132.59766	503781.7	5410373.6
L3780.0	503781.8	5410375.0	41446.39844	259.53	0	48.846335	-86.948454	56143.56	56243.4	6.64	56150.20	56144.20703	56140.04730	56133.56641	503781.8	5410375.0
L3780.0	503781.8	5410376.2	41446.39844	259.53	0	48.846345	-86.948454	56145.12	56243.4	6.64	56151.76	56145.78125	56140.98521	56134.53516	503781.8	5410376.2
L3780.0	503781.8	5410377.1	41446.60156	262.09	0	48.846353	-86.948454	56146.09	56243.4	6.64	56152.73	56146.76563	56141.93064	56135.51563	503781.8	5410377.1
L3780.0	503781.8	5410377.1	41446.69922	263.18	0	48.846353	-86.948454	56147.58	56243.4	6.64	56154.22	56148.26953	56142.87201	56136.48828	503781.8	5410377.1
L3780.0	503781.8	5410378.4	41446.80078	260.96	0	48.846365	-86.948454	56149.13	56243.4	6.63	56155.77	56149.83594	56143.81349	56137.46094	503781.8	5410378.4
L3780.0	503781.8	5410378.4	41446.89844	259.78	0	48.846365	-86.948454	56150.72	56243.4	6.63	56157.35	56151.42969	56144.75427	56138.43750	503781.8	5410378.4
L3780.0	503781.8	5410379.8	41447.00000	259.08	0	48.846378	-86.948454	56151.71	56243.4	6.63	56158.34	56152.43750	56145.69274	56139.40625	503781.8	5410379.8
L3780.0	503781.8	5410381.2	41447.10156	259.01	0	48.846390	-86.948454	56153.04	56243.4	6.63	56159.67	56153.78125	56146.62706	56140.37500	503781.8	5410381.2
L3780.0	503781.8	5410382.5	41447.19922	261.43	0	48.846402	-86.948454	56154.21	56243.4	6.63	56160.85	56154.98047	56147.55672	56141.33984	503781.8	5410382.5
L3780.0	503781.8	5410384.0	41447.30078	261.93	0	48.846415	-86.948453	56155.64	56243.4	6.64	56162.27	56156.41797	56148.48246	56142.29688	503781.8	5410384.0
L3780.0	503781.8	5410384.0	41447.39844	260.51	0	48.846415	-86.948453	56156.92	56243.4	6.64	56163.56	56157.72656	56149.40321	56143.25391	503781.8	5410384.0
L3780.0	503781.8	5410385.0	41447.50000	262.06	0	48.846425	-86.948453	56158.49	56243.4	6.64	56165.13	56159.31250	56150.32015	56144.20703	503781.8	5410385.0
L3780.0	503781.9	5410386.3	41447.60156	261.33	0	48.846436	-86.948453	56159.68	56243.4	6.64	56166.32	56160.52344	56151.23065	56145.15234	503781.9	5410386.3
L3780.0	503781.9	5410386.3	41447.69922	262.43	0	48.846436	-86.948453	56160.72	56243.4	6.64	56167.36	56161.58203	56152.13567	56146.08984	503781.9	5410386.3
L3780.0	503781.9	5410387.4	41447.80078	259.81	0	48.846446	-86.948453	56162.02	56243.4	6.65	56168.67	56162.91016	56153.03671	56147.02734	503781.9	5410387.4
L3780.0	503781.9	5410387.4	41447.89844	259.23	0	48.846446	-86.948453	56163.40	56243.4	6.65	56170.05	56164.31250	56153.93333	56147.95703	503781.9	5410387.4
L3780.0	503781.9	5410389.8	41448.00000	260.51	0	48.846468	-86.948453	56164.76	56243.3	6.65	56171.41	56165.69141	56154.82579	56148.88672	503781.9	5410389.8
L3780.0	503781.9	5410389.8	41448.10156	260.23	0	48.846468	-86.948453	56166.06	56243.4	6.65	56172.70	56167.00391	56155.71487	56149.81250	503781.9	5410389.8
L3780.0	503781.9	5410390.9	41448.19922	260.29	0	48.846477	-86.948453	56167.34	56243.4	6.64	56173.98	56168.30469	56156.60146	56150.73438	503781.9	5410390.9
L3780.0	503781.9	5410390.9	41448.30078	259.85	0	48.846477	-86.948453	56168.76	56243.4	6.64	56175.40	56169.74609	56157.48617	56151.65234	503781.9	5410390.9
L3780.0	503781.9	5410392.4	41448.39844	260.65	0	48.846491	-86.948453	56170.23	56243.4	6.64	56176.87	56171.24219	56158.36997	56152.57422	503781.9	5410392.4
L3780.0	503781.8	5410393.5	41448.39844	260.65	0	48.846501	-86.948453	56171.46	56243.4	6.64	56178.10	56172.49219	56159.25564	56153.49609	503781.8	5410393.5
L3780.0	503781.8	5410393.5	41448.60156	261.53	0	48.846501	-86.948453	56172.46	56243.4	6.63	56179.10	56173.51563	56160.14515	56154.42188	503781.8	5410393.5
L3780.0	503781.8	5410394.7	41448.69922	258.43	0	48.846511	-86.948453	56173.88	56243.4	6.63	56180.51	56174.94922	56161.03547	56155.34766	503781.8	5410394.7
L3780.0	503781.8	5410395.8	41448.80078	256.35	0	48.846521	-86.948454	56175.36	56243.4	6.63	56181.98	56176.44531	56161.92896	56156.27734	503781.8	5410395.8
L3780.0	503781.8	5410395.8	41448.89844	256.03	0	48.846521	-86.948454	56176.75	56243.4	6.62	56183.37	56177.85938	56162.82608	56157.21094	503781.8	5410395.8
L3780.0	503781.8	5410397.3	41449.00000	258.43	0	48.846535	-86.948454	56177.82	56243.4	6.62	56184.44	56178.95313	56163.72746	56158.14844	503781.8	5410397.3
L3780.0	503781.7	5410398.8	41449.10156	258.20	0	48.846548	-86.948455	56178.91	56243.4	6.62	56185.53	56180.07031	56164.63009	56159.08594	503781.7	5410398.8
L3780.0	503781.7	5410398.8	41449.19922	260.46	0	48.846548	-86.948455	56180.09	56243.4	6.62	56186.70	56181.26563	56165.53199	56160.02344	503781.7	5410398.8
L3780.0	503781.7	5410400.2	41449.30078	259.61	0	48.846561	-86.948455	56181.55	56243.4	6.62	56188.17	56182.76172	56166.43053	56160.95703	503781.7	5410400.2
L3780.0	503781.7	5410401.3	41449.39844	259.72	0	48.846571	-86.948455	56182.95	56243.4	6.62	56189.56	56184.17969	56167.32589	56161.88672	503781.7	5410401.3
L3780.0	503781.7	5410402.7	41449.39844	259.72	0	48.846584	-86.948455	56184.22	56243.4	6.62	56190.83	56185.47656	56168.21654	56162.81641	503781.7	5410402.7
L3780.0	503781.7	5410402.7	41449.60156	261.12	0	48.846584	-86.948455	56185.38	56243.4	6.61	56191.99	56186.66016	56169.10053	56163.73438	503781.7	5410402.7
L3780.0	503781.7	5410404.3	41449.69922	261.80	0	48.846598	-86.948455	56186.89	56243.4	6.61	56193.50	56188.19922	56169.97430	56164.64453	503781.7	5410404.3
L3780.0	503781.7	5410405.3	41449.80078	259.36	0	48.846607	-86.948455	56188.23	56243.4	6.61	56194.85	56189.57813	56170.83891	56165.54297	503781.7	5410405.3
L3780.0	503781.7	5410406.7	41449.80078	259.36	0	48.846620	-86.948454	56189.02	56243.4	6.61	56195.63	56190.38281	56171.69647	56166.43359	503781.7	5410406.7
L3780.0	503781.7	5410406.7	41449.89844	260.31	0	48.846620	-86.948454	56190.24	56243.4	6.61	56196.85	56191.63281	56172.54174	56167.31641	503781.7	5410406.7
L3780.0	503781.7	5410408.1	41450.00000	261.82	0	48.846632	-86.948454	56191.34	56243.4	6.61	56197.95	56192.76172	56173.37740	56168.18750	503781.7	5410408.1
L3780.0	503781.7	5410409.4	41450.19922	263.80	0	48.846644	-86.948454	56192.88	56243.4	6.61	56199.50	56194.33984	56174.19899	56169.04297	503781.7	5410409.4
L3780.0	503781.7	5410409.4	41450.30078	262.64	0	48.846644	-86.948454	56194.06	56243.4	6.62	56200.68	56195.55078	56175.01408	56169.89063	503781.7	5410409.4
L3780.0	503781.7	5410410.7	41450.39844	260.89	0	48.846655	-86.948454	56195.08	56243.4	6.62	56201.70	56196.59766	56175.82253	56170.73438	503781.7	5410410.7
L3780.0	503781.7	5410412.1	41450.39844	260.89	0	48.846668	-86.948454	56195.98	56243.4	6.62	56202.60	56197.52734	56176.62563	56171.57031	503781.7	5410412.1
L3780.0	503781.8	5410413.1	41450.60156	260.41	0	48.846677	-86.948454	56197.77	56243.4	6.62	56204.39	56199.34766	56177.40696	56172.38672	503781.8	5410413.1
L3780.0	503781.8	5410413.1	41450.69922	258.16	0	48.846677	-86.948454	56198.88	56243.4	6.62	56205.50	56200.48828	56178.19448	56173.20703	503781.8	5410413.1
L3780.0	503781.8	5410414.3	41450.80078	259.08	0	48.846688	-86.948454	56199.87	56243.4	6.63	56206.49	56201.51172	56178.98232	56174.02734	503781.8	5410414.3
L3780.0	503781.8	5410415.6	41450.89844	258.06	0	48.846700	-86.948454	56201.14	56243.4	6.63	56207.77	56202.82031	56179.76339	56174.84375	503781.8	5410415.6
L3780.0	503781.8	5410415.6	41451.00000	257.96	0	48.846700	-86.948454	56201.84	56243.4	6.63	56208.47	56203.55078	56180.56139	56175.67188	503781.8	5410415.6
L3780.0	503781.8	5410417.0	41451.10156	257.57	0	48.846712	-86.948454	56203.48	56243.4	6.63	56210.11	56205.22266	56181.33845	56176.48438	503781.8	5410417.0
L3780.0	503781.7	5410418.5	41451.19922	257.94	0	48.846725	-86.948454	56204.12	56243.4	6.63	56210.74	56205.88672	56182.15108	56177.32813	503781.7	5410418.5
L3780.0	503781.7	5410419.7	41451.30078	257.72	0	48.846736	-86.948454	56205.42	56243.4	6.63	56212.04	56207.21484	56182.95386	56178.16016	503781.7	5410419.7
L3780.0	503781.7	5410419.7	41451.39844	257.05	0	48.846736	-86.948454	56206.34	56243.4	6.63	56212.96	56208.16797	56183.77996	56179.01953	503781.7	5410419.7
L3780.0	503781.7	5410420.9	41451.50000	257.52	0	48.846747	-86.948455	56207.67	56243.4	6.63	56214.29	56209.53125	56184.60777	56179.87891	503781.7	5410420.9
L3780.0	503781.7	5410422.0	41451.60156	256.49	0	48.846757	-86.948455	56208.46	56243.4	6.62	56215.09	56210.36328	56185.46684	56180.76953	503781.7	5410422.0
L3780.0	503781.7	5410423.3	41451.69922	257.22	0	48.846769	-86.948455	56209.83	56243.4	6.62	56216.45	56211.75781	56186.32533	56181.65625	503781.7	5410423.3
L3780.0	503781.7	5410423.3	41451.80078	259.94	0	48.846769	-86.948455	56210.87	56243.4	6.62	56217.49	56212.82813	56187.20810	56182.57031	503781.7	5410423.3
L3780.0	503781.7	5410424.8	41451.89844	261.81	0	48.846782	-86.948455	56211.89	56243.4	6.62	56218.51	56213.88281	56188.10581	56183.49609	503781.7	5410424.8
L3780.0	503781.7	5410426.0	41452.00000	259.61	0	48.846793	-86.948455	56212.80	56243.4	6.62	56219.42	56214.82813	56189.01902	56184.44141	503781.7	5410426.0
L3780.0	503781.7	5410427.4	41452.10156	257.57	0	48.846806	-86.948455	56213.88	56243.4	6.62	56220.50	56215.94141	56189.94109	56185.39063	503781.7	5410427.4
L3780.0	503781.7	5410427.4	41452.19922	260.26	0	48.846806	-86.948455	56214.90	56243.4	6.62	56221.51	56216.98438	56190.87456	56186.35156	503781.7	5410427.4
L3780.0	503781.7	5410428.7	41452.30078	260.22	0	48.846818	-86.948455	56216.06	56243.4	6.61	56222.67	56218.17969	56191.81477	56187.32031	503781.7	5410428.7

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L3780.0	503781.7	5410430.2	41452.39844	258.67	0	48.846830	-86.948455	56217.09	56243.4	6.61	56223.71	56219.25391	56192.76166	56188.29688	503781.7	5410430.2
L3780.0	503781.7	5410430.2	41452.39844	258.67	0	48.846830	-86.948455	56218.16	56243.4	6.61	56224.78	56220.35938	56193.71130	56189.27344	503781.7	5410430.2
L3780.0	503781.7	5410431.5	41452.60156	258.12	0	48.846843	-86.948455	56219.06	56243.4	6.61	56225.67	56221.28125	56194.66055	56190.25000	503781.7	5410431.5
L3780.0	503781.7	5410433.0	41452.69922	258.91	0	48.846856	-86.948455	56220.03	56243.4	6.61	56226.63	56222.27734	56195.60356	56191.21875	503781.7	5410433.0
L3780.0	503781.7	5410434.4	41452.80078	261.22	0	48.846869	-86.948455	56220.97	56243.4	6.60	56227.57	56223.25391	56196.53463	56192.17969	503781.7	5410434.4
L3780.0	503781.7	5410434.4	41452.89844	261.91	0	48.846869	-86.948455	56222.20	56243.4	6.60	56228.80	56224.51953	56197.45865	56193.12891	503781.7	5410434.4
L3780.0	503781.6	5410436.3	41453.00000	262.65	0	48.846886	-86.948455	56222.94	56243.4	6.60	56229.54	56225.29297	56198.35402	56194.05078	503781.6	5410436.3
L3780.0	503781.6	5410438.0	41453.10156	263.23	0	48.846901	-86.948455	56223.81	56243.4	6.60	56230.41	56226.19922	56199.22962	56194.94922	503781.6	5410438.0
L3780.0	503781.6	5410438.0	41453.19922	262.98	0	48.846901	-86.948455	56224.75	56243.4	6.60	56231.36	56227.18750	56200.08099	56195.82813	503781.6	5410438.0
L3780.0	503781.6	5410439.3	41453.30078	263.09	0	48.846913	-86.948455	56225.70	56243.4	6.60	56232.30	56228.16406	56200.90067	56196.67188	503781.6	5410439.3
L3780.0	503781.6	5410440.6	41453.39844	262.35	0	48.846924	-86.948455	56226.54	56243.4	6.60	56233.14	56229.03906	56201.68053	56197.47656	503781.6	5410440.6
L3780.0	503781.6	5410440.6	41453.50000	262.44	0	48.846924	-86.948455	56227.68	56243.4	6.60	56234.28	56230.21484	56202.42999	56198.25000	503781.6	5410440.6
L3780.0	503781.6	5410442.1	41453.60156	261.57	0	48.846938	-86.948455	56228.66	56243.4	6.61	56235.26	56231.23438	56203.13288	56198.97656	503781.6	5410442.1
L3780.0	503781.6	5410443.3	41453.69922	262.98	0	48.846949	-86.948456	56229.15	56243.4	6.61	56235.75	56231.76172	56203.77814	56199.64453	503781.6	5410443.3
L3780.0	503781.6	5410444.3	41453.80078	262.44	0	48.846958	-86.948456	56230.41	56243.4	6.61	56237.01	56233.05859	56204.40233	56200.28906	503781.6	5410444.3
L3780.0	503781.6	5410444.3	41453.89844	261.32	0	48.846958	-86.948456	56231.28	56243.4	6.61	56237.89	56233.97656	56204.97193	56200.88281	503781.6	5410444.3
L3780.0	503781.6	5410445.5	41454.00000	259.64	0	48.846969	-86.948456	56232.45	56243.4	6.61	56239.06	56235.18359	56205.50657	56201.44141	503781.6	5410445.5
L3780.0	503781.6	5410446.6	41454.10156	260.88	0	48.846979	-86.948456	56233.15	56243.4	6.61	56239.76	56235.92188	56206.00016	56201.95313	503781.6	5410446.6
L3780.0	503781.5	5410448.1	41454.19922	262.80	0	48.846992	-86.948457	56233.91	56243.4	6.61	56240.52	56236.71875	56206.46896	56202.44531	503781.5	5410448.1
L3780.0	503781.5	5410449.7	41454.30078	263.88	0	48.847006	-86.948457	56234.93	56243.4	6.61	56241.54	56237.77734	56206.91630	56202.91406	503781.5	5410449.7
L3780.0	503781.5	5410449.7	41454.39844	262.38	0	48.847006	-86.948457	56235.42	56243.4	6.61	56242.03	56238.30469	56207.35489	56203.37500	503781.5	5410449.7
L3780.0	503781.5	5410450.8	41454.39844	262.38	0	48.847016	-86.948457	56236.56	56243.4	6.61	56243.17	56239.48438	56207.77581	56203.81641	503781.5	5410450.8
L3780.0	503781.5	5410452.3	41454.60156	260.24	0	48.847029	-86.948457	56237.03	56243.4	6.61	56243.64	56239.99219	56208.21248	56204.27344	503781.5	5410452.3
L3780.0	503781.5	5410453.6	41454.69922	258.01	0	48.847041	-86.948457	56238.14	56243.4	6.61	56244.75	56241.14453	56208.63380	56204.71484	503781.5	5410453.6
L3780.0	503781.5	5410453.6	41454.80078	256.82	0	48.847041	-86.948457	56238.77	56243.4	6.61	56245.38	56241.81250	56209.08401	56205.18359	503781.5	5410453.6
L3780.0	503781.5	5410454.9	41454.89844	254.99	0	48.847053	-86.948457	56239.73	56243.4	6.61	56246.34	56242.81250	56209.53511	56205.65234	503781.5	5410454.9
L3780.0	503781.5	5410456.2	41455.00000	253.75	0	48.847065	-86.948457	56240.63	56243.4	6.61	56247.24	56243.75391	56210.00929	56206.14844	503781.5	5410456.2
L3780.0	503781.5	5410456.2	41455.10156	253.30	0	48.847065	-86.948457	56241.29	56243.4	6.61	56247.90	56244.45313	56210.52418	56206.67969	503781.5	5410456.2
L3780.0	503781.5	5410457.9	41455.19922	254.42	0	48.847080	-86.948457	56242.10	56243.4	6.61	56248.71	56245.30469	56211.13974	56207.31641	503781.5	5410457.9
L3780.0	503781.5	5410459.3	41455.30078	255.03	0	48.847093	-86.948456	56243.10	56243.4	6.61	56249.71	56246.34375	56211.79735	56207.99219	503781.5	5410459.3
L3780.0	503781.5	5410459.3	41455.39844	256.28	0	48.847093	-86.948456	56243.72	56243.4	6.61	56250.33	56247.00391	56212.47569	56208.68750	503781.5	5410459.3
L3780.0	503781.6	5410461.0	41455.50000	255.61	0	48.847108	-86.948456	56244.32	56243.4	6.61	56250.93	56247.64453	56213.15075	56209.37891	503781.6	5410461.0
L3780.0	503781.6	5410462.1	41455.60156	254.76	0	48.847118	-86.948456	56245.02	56243.4	6.61	56251.63	56248.38672	56213.81454	56210.06250	503781.6	5410462.1
L3780.0	503781.6	5410463.4	41455.69922	253.70	0	48.847130	-86.948456	56245.61	56243.4	6.61	56252.22	56249.01953	56214.48105	56210.74609	503781.6	5410463.4
L3780.0	503781.6	5410465.2	41455.80078	254.39	0	48.847145	-86.948455	56246.46	56243.4	6.61	56253.07	56249.91016	56215.12560	56211.40625	503781.6	5410465.2
L3780.0	503781.6	5410465.2	41455.89844	256.72	0	48.847145	-86.948455	56247.08	56243.4	6.61	56253.69	56250.57031	56215.79526	56212.09375	503781.6	5410465.2
L3780.0	503781.6	5410466.5	41456.00000	258.51	0	48.847157	-86.948455	56247.88	56243.4	6.61	56254.49	56251.41406	56216.58339	56212.89844	503781.6	5410466.5
L3780.0	503781.7	5410467.9	41456.10156	258.65	0	48.847170	-86.948455	56248.56	56243.4	6.61	56255.17	56252.13672	56217.39742	56213.73047	503781.7	5410467.9
L3780.0	503781.7	5410467.9	41456.19922	258.41	0	48.847170	-86.948455	56249.48	56243.4	6.60	56256.08	56253.08594	56218.21140	56214.55859	503781.7	5410467.9
L3780.0	503781.7	5410469.7	41456.30078	259.41	0	48.847186	-86.948455	56250.18	56243.4	6.60	56256.77	56253.82031	56219.04330	56215.41016	503781.7	5410469.7
L3780.0	503781.7	5410471.0	41456.39844	259.80	0	48.847198	-86.948454	56250.44	56243.4	6.59	56257.03	56254.12109	56219.89122	56216.27344	503781.7	5410471.0
L3780.0	503781.7	5410471.0	41456.39844	259.80	0	48.847198	-86.948454	56251.42	56243.4	6.59	56258.01	56255.14453	56220.70045	56217.09766	503781.7	5410471.0
L3780.0	503781.7	5410472.8	41456.60156	259.74	0	48.847215	-86.948454	56251.91	56243.4	6.59	56258.50	56255.67578	56221.51656	56217.92969	503781.7	5410472.8
L3780.0	503781.7	5410474.5	41456.69922	261.17	0	48.847229	-86.948454	56252.69	56243.4	6.58	56259.27	56256.49219	56222.30751	56218.73828	503781.7	5410474.5
L3780.0	503781.7	5410474.5	41456.80078	261.32	0	48.847229	-86.948454	56253.29	56243.4	6.58	56259.86	56257.12500	56223.08112	56219.52734	503781.7	5410474.5
L3780.0	503781.7	5410475.8	41456.89844	259.87	0	48.847241	-86.948454	56254.02	56243.4	6.57	56260.59	56257.89844	56223.82694	56220.28906	503781.7	5410475.8
L3780.0	503781.7	5410477.3	41457.00000	261.60	0	48.847255	-86.948454	56254.62	56243.4	6.57	56261.19	56258.53906	56224.55083	56221.02734	503781.7	5410477.3
L3780.0	503781.7	5410477.3	41457.10156	261.49	0	48.847255	-86.948454	56255.45	56243.4	6.57	56262.01	56259.40625	56225.24976	56221.74219	503781.7	5410477.3
L3780.0	503781.8	5410478.8	41457.19922	259.98	0	48.847268	-86.948453	56255.45	56243.4	6.57	56262.01	56259.44922	56225.93655	56222.44531	503781.8	5410478.8
L3780.0	503781.8	5410480.1	41457.30078	259.39	0	48.847280	-86.948453	56256.35	56243.4	6.57	56262.92	56260.40234	56226.59560	56223.11719	503781.8	5410480.1
L3780.0	503781.8	5410481.2	41457.39844	258.21	0	48.847290	-86.948453	56256.98	56243.4	6.57	56263.55	56261.07422	56227.24123	56223.77734	503781.8	5410481.2
L3780.0	503781.8	5410481.2	41457.50000	259.20	0	48.847290	-86.948453	56257.26	56243.4	6.57	56263.83	56261.39844	56227.87380	56224.42578	503781.8	5410481.2
L3780.0	503781.8	5410482.9	41457.60156	259.87	0	48.847305	-86.948453	56258.03	56243.4	6.57	56264.60	56262.21484	56228.49254	56225.06250	503781.8	5410482.9
L3780.0	503781.8	5410482.9	41457.69922	261.86	0	48.847305	-86.948453	56258.77	56243.4	6.57	56265.34	56263.00000	56229.10166	56225.68359	503781.8	5410482.9
L3780.0	503781.8	5410484.2	41457.80078	260.60	0	48.847317	-86.948453	56258.92	56243.4	6.57	56265.49	56263.19531	56229.70195	56226.30078	503781.8	5410484.2
L3780.0	503781.8	5410485.8	41457.89844	261.97	0	48.847331	-86.948453	56259.59	56243.4	6.57	56266.16	56263.90625	56230.29291	56226.90625	503781.8	5410485.8
L3780.0	503781.8	5410487.0	41458.00000	260.92	0	48.847342	-86.948453	56260.20	56243.4	6.57	56266.77	56264.56250	56230.87667	56227.50781	503781.8	5410487.0
L3780.0	503781.8	5410488.3	41458.10156	260.09	0	48.847354	-86.948453	56260.30	56243.4	6.57	56266.87	56264.70703	56231.45403	56228.09766	503781.8	5410488.3
L3780.0	503781.8	5410488.3	41458.19922	258.93	0	48.847354	-86.948453	56261.30	56243.4	6.57	56267.87	56265.75391	56232.02832	56228.68750	503781.8	5410488.3
L3780.0	503781.8	5410489.6	41458.30078	259.43	0	48.847366	-86.948453	56261.83	56243.4	6.57	56268.40	56266.32813	56232.59959	56229.27734	503781.8	5410489.6
L3780.0	503781.8	5410491.5	41458.39844	259.73	0	48.847383	-86.948453	56262.06	56243.4	6.57	56268.63	56266.60156	56233.16721	56229.85938	503781.8	5410491.5
L3780.0	503781.8	5410491.5	41458.39844	259.73	0	48.847383	-86.948453	56262.73	56243.4	6.57	56269.29	56267.30859	56233.73297	56230.44141	503781.8	5410491.5
L3780.0	503781.7	5410492.8	41458.60156	261.07	0	48.847394	-86.948454	56263.31	56243.4	6.56	56269.88	56267.94531	56234.29595	56231.01953	503781.7	5410492.8
L3780.0	503781.7	5410494.5	41458.69922	258.98	0	48.847410	-86.948454	56263.48	56243.4	6.56	56270.05	56268.16016	56234.85496	56231.59375	503781.7	5410494.5
L3780.0	503781.7	5410494.5	41458.80078	260.55	0	48.847410	-86.948454	56264.34	56243.4	6.56	56270.90	56269.05469	56235.41482	56232.16797	503781.7	5410494.5
L3780.0	503781.7	5410495.7	41458.89844	261.62	0	48.847420	-86.948454	56264.61	56243.4	6.56	56271.17	56269.37109	56235.96901	56232.73828	503781.7	5410495.7
L3780.0	503781.7	5410497.0	41459.00000	260.32	0	48.847432	-86.948454	56265.16	56243.4	6.56	56271.72	56269.96484	56236.51990	56233.30859	503781.7	5410497.0
L3780.0	503781.7	5410497.0	41459.10156	259.29	0	48.847432	-86.948454	56265.41	56243.4	6.56	56271.97	56270.26172	56237.06311	56233.86719	503781.7	5410497.0
L3780.0	503781.7	5410498.8	41459.19922	258.45	0	48.847448	-86.948454	56265.66	56243.4	6.56	56272.22	56270.55859	56237.59911	56234.41797	503781.7	5410498.8
L3780.0	503781.7	5410500.4	41459.30078	259.76	0	48.847463	-86.948455	56266.25	56243.4	6.56	56272.80	56271.18359	56238.12996	56234.96875	503781.7	5410500.4
L3780.0	503781.7	5410500.4	41459.39844	259.72	0	48.847463	-86.948455	56266.61	56243.4	6.56	56273.16	56271.58984	56238.65029	56235.50391	503781.7	5410500.4
L3780.0	503781.7	5410501.8	41459.50000	259.88	0	48.847475	-86.948455	56267.14	56243.4	6.56	56273.70	56272.17578	56239.16310	56236.03516	503781.7	5410501.8
L3780.0	503781.6	5410503.7	41459.60156	260.49	0	48.847492	-86.948455	56267.46	56243.4	6.55	56274.02	56272.53906	56239.66393	56236.55469	503781.6	5410503.7
L3780.0	503781.6	5410504.8	41459.69922	261.28	0	48.847502	-86.948455	56267.68	56243.4	6.55	56274.23	56272.79688	56240.15376	56237.06250	503781.6	5410504.8
L3780.0	503781.6	5410506.3	41459.80078	262.58	0	48.847516	-86.948455	56268.26	56243.4	6.55	56274.81	56273.42188	56240.63671	56237.56250	503781.6	5410506.3
L3780.0	503781.6	5410506.3	41459.89844	262.26	0	48.847516	-86.948455	56268.62	56243.4	6.55	56275.17	56273.82813	56241.10728	56238.05078	503781.6	5410506.3
L3780.0	503781.6	5410508.2	41460.00000	263.41	0	48.847532	-86.948455	56268.85	56243.4	6.55	56275.40	56274.10547	56241.56665	56238.52734	503781.6	5410508.2
L3780.0	503781.6	5410508.2	41460.10156	264.50	0	48.847532	-86.948455	56269.41	56243.5	6.55	56275.95	56274.70313	56242.01873	56239.00000	503781.6	5410508.2
L3780.0	503781.6	5410509.4	41460.19922	262.49	0	48.847544	-86.948455	56270.03	56243.5	6.55	56276.57	56275.36719	56242.46088	56239.46094	503781.6	5410509.4
L3780.0	503781.6	5410510.8	41460.30078	259.51	0	48.847556	-86.948455	56270.10	56243.5	6.54	56276.64	56275.48438	56242.88886	56239.90625	503781.6	5410510.8
L3780.0	503781.6	5410512.5	41460.39844	260.97	0	48.847572	-86.948455	56270.62	56243.5	6.54	56277.16	56276.05078	56243.30901	56240.34766	503781.6	5410512.5
L3780.0	503781.6	5410512.5	41460.39844	260.97	0	48.847572	-86.948455	56271.10	56243.5	6.54	56277.64	56276.57813	56243.71663	56240.77344	503781.6	5410512.5
L3780.0	503781.6	5410514.1	41460.60156	259.95	0	48.847586	-86.948455	56270.98	56243.5	6.54	56277.52	56276.50391	56244.10868	56241.18750	503781.6	5410514.1
L3780.0	503781.6	5410514.1	41460.69922	259.81	0	48.847586	-86.948455	56271.45	56243.5	6.54	56277.99	56277.01953	56244.48951	56241.58594	503781.6	5410514.1
L3780.0	503781.6	5410516.2	41460.80078	258.21	0	48.847605	-86.948455	56271.66	56243.5	6.53	56278.19	56277.26563	56244.86123	56241.98047	503781.6	5410516.2
L3780.0	503781.6	5410517.6	41460.89844	257.61	0	48.847617	-86.948456	56272.15	56243.5	6.53	56278.68	56277.80078	56245.22526	56242.36328	503781.6	5410517.6
L3780.0	503781.6	5410517.6	41461.00000	259.29	0	48.847617	-86.948456	56272.57	56243.5	6.53	56279.10	56278.26563	56245.58879	56242.75000	503781.6	5410517.6
L3780.0	503781.6	5410519.5	41461.10156	260.17	0	48.847634	-86.948456	56272.75	56243.5	6.53	56279.28	56278.49219	56245.96100	56243.14453	503781.6	5410519.5
L3780.0	503781.6	5410520.6	41461.19922	260.22	0	48.847644	-86.948456	56272.86	56243.5	6.53	56279.39	56278.64844	56246.35201	56243.55469	503781.6	5410520.6
L3780.0	503781.6	5410522.2	41461.30078	259.42	0	48.847659	-86.948456	56273.21	56243.5	6.53	56279.74	56279.04688	56246.76739	56243.99219	503781.6	5410522.2
L3780.0	503781.6	5410523.7	41461.39844	259.41	0	48.847672	-86.948456	56273.37	56243.5	6.53	56279.90	56279.25391	56247.22266	56244.47266	503781.6	5410523.7
L3780.0	503781.6	5410523.7	41461.50000	259.29	0	48.847672	-86.948456	56274.01	56243.5	6.53	56280.54	56279.93750	56247.71833	56244.99219	503781.6	5410523.7
L3780.0	503781.6	5410525.4	41461.60156	259.37	0	48.847688	-86.948456	56273.98	56243.5	6.53	56280.51	56279.95313	56248.27725	56245.57422	503781.6	5410525.4

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L3780.0	503781.6	5410525.4	41461.69922	258.83	0	48.847688	-86.948456	56274.72	56243.5	6.53	56281.25	56280.74219	56248.89162	56246.21094	503781.6	5410525.4
L3780.0	503781.5	5410526.9	41461.80078	258.70	0	48.847701	-86.948456	56274.29	56243.5	6.53	56280.82	56280.35547	56249.57329	56246.91797	503781.5	5410526.9
L3780.0	503781.5	5410528.1	41461.89844	256.54	0	48.847711	-86.948456	56275.20	56243.5	6.53	56281.73	56281.31250	56250.32710	56247.69531	503781.5	5410528.1
L3780.0	503781.6	5410529.9	41462.00000	257.23	0	48.847728	-86.948456	56275.14	56243.5	6.53	56281.67	56281.29688	56251.13184	56248.52344	503781.6	5410529.9
L3780.0	503781.6	5410531.3	41462.10156	257.72	0	48.847740	-86.948456	56275.36	56243.5	6.53	56281.88	56281.55469	56251.99902	56249.41406	503781.6	5410531.3
L3780.0	503781.6	5410531.3	41462.19922	259.43	0	48.847740	-86.948456	56275.91	56243.5	6.53	56282.44	56282.16016	56252.94063	56250.38281	503781.6	5410531.3
L3780.0	503781.6	5410532.7	41462.30078	257.79	0	48.847753	-86.948456	56275.80	56243.5	6.53	56282.32	56282.08594	56253.89029	56251.35938	503781.6	5410532.7
L3780.0	503781.6	5410532.7	41462.39844	259.26	0	48.847753	-86.948456	56276.13	56243.5	6.53	56282.65	56282.46094	56254.91383	56252.40625	503781.6	5410532.7
L3780.0	503781.6	5410534.9	41462.39844	259.26	0	48.847773	-86.948456	56276.40	56243.5	6.53	56282.92	56282.77734	56255.97207	56253.49219	503781.6	5410534.9
L3780.0	503781.6	5410536.2	41462.60156	271.51	0	48.847785	-86.948456	56276.54	56243.5	6.52	56283.06	56282.96094	56257.04268	56254.58984	503781.6	5410536.2
L3780.0	503781.6	5410537.6	41462.69922	272.64	0	48.847797	-86.948456	56276.69	56243.5	6.52	56283.21	56283.16016	56258.13103	56255.70313	503781.6	5410537.6
L3780.0	503781.6	5410537.6	41462.80078	272.79	0	48.847797	-86.948456	56277.07	56243.5	6.52	56283.59	56283.58203	56259.27111	56256.87109	503781.6	5410537.6
L3780.0	503781.5	5410539.3	41462.89844	272.57	0	48.847812	-86.948456	56277.25	56243.5	6.52	56283.77	56283.80859	56258.99388	56256.62109	503781.5	5410539.3
L3780.0	503781.5	5410539.3	41463.00000	273.16	0	48.847812	-86.948456	56277.58	56243.5	6.52	56284.10	56284.18359	56260.14392	56257.80078	503781.5	5410539.3
L3780.0	503781.5	5410541.2	41463.10156	272.79	0	48.847830	-86.948456	56277.56	56243.5	6.52	56284.08	56284.21094	56261.27515	56258.96094	503781.5	5410541.2
L3780.0	503781.5	5410543.0	41463.19922	273.19	0	48.847846	-86.948456	56277.98	56243.5	6.52	56284.50	56284.67578	56262.36761	56260.08203	503781.5	5410543.0
L3780.0	503781.5	5410544.3	41463.30078	273.98	0	48.847857	-86.948456	56277.88	56243.5	6.53	56284.41	56284.62891	56263.39138	56261.13281	503781.5	5410544.3
L3780.0	503781.5	5410544.3	41463.39844	275.05	0	48.847857	-86.948456	56278.27	56243.5	6.53	56284.80	56285.06641	56264.38222	56262.15234	503781.5	5410544.3
L3780.0	503781.5	5410545.8	41463.50000	276.68	0	48.847871	-86.948456	56278.52	56243.5	6.53	56285.05	56285.35938	56265.29578	56263.09766	503781.5	5410545.8
L3780.0	503781.5	5410547.8	41463.60156	277.80	0	48.847889	-86.948456	56278.66	56243.5	6.53	56285.19	56285.54297	56266.11311	56263.94531	503781.5	5410547.8
L3780.0	503781.5	5410549.2	41463.69922	277.84	0	48.847901	-86.948456	56279.00	56243.5	6.53	56285.54	56285.93750	56266.87411	56264.73438	503781.5	5410549.2
L3780.0	503781.5	5410549.2	41463.80078	276.11	0	48.847901	-86.948456	56278.86	56243.5	6.54	56285.39	56285.83203	56267.46066	56265.35156	503781.5	5410549.2
L3780.0	503781.5	5410551.1	41463.89844	279.15	0	48.847918	-86.948457	56278.98	56243.5	6.54	56285.52	56286.00781	56267.99811	56265.92188	503781.5	5410551.1
L3780.0	503781.5	5410552.5	41464.00000	279.23	0	48.847931	-86.948457	56279.18	56243.5	6.54	56285.72	56286.25000	56268.45697	56266.41016	503781.5	5410552.5
L3780.0	503781.4	5410553.7	41464.10156	278.10	0	48.847942	-86.948457	56279.60	56243.5	6.54	56286.14	56286.71484	56268.87091	56266.85547	503781.4	5410553.7
L3780.0	503781.4	5410553.7	41464.19922	277.32	0	48.847942	-86.948457	56279.52	56243.5	6.54	56286.06	56286.67969	56269.10487	56267.12109	503781.4	5410553.7
L3780.0	503781.4	5410555.1	41464.30078	276.13	0	48.847955	-86.948457	56279.60	56243.5	6.53	56286.13	56286.79297	56269.29503	56267.34375	503781.4	5410555.1
L3780.0	503781.4	5410556.8	41464.39844	277.07	0	48.847970	-86.948457	56280.16	56243.5	6.53	56286.69	56287.39844	56269.51208	56267.59375	503781.4	5410556.8
L3780.0	503781.4	5410556.8	41464.39844	277.07	0	48.847970	-86.948457	56279.76	56243.5	6.53	56286.29	56287.04297	56269.49673	56267.60938	503781.4	5410556.8
L3780.0	503781.4	5410558.4	41464.60156	274.09	0	48.847984	-86.948458	56280.44	56243.5	6.53	56286.97	56287.76563	56269.62387	56267.76953	503781.4	5410558.4
L3780.0	503781.4	5410559.6	41464.69922	274.94	0	48.847995	-86.948458	56279.94	56243.5	6.53	56286.47	56287.30859	56269.52057	56267.69922	503781.4	5410559.6
L3780.0	503781.3	5410561.1	41464.80078	275.53	0	48.848008	-86.948458	56280.75	56243.5	6.52	56287.27	56288.15234	56269.58115	56267.79297	503781.3	5410561.1
L3780.0	503781.3	5410561.1	41464.89844	273.38	0	48.848008	-86.948458	56280.89	56243.5	6.52	56287.42	56288.34375	56269.51811	56267.76172	503781.3	5410561.1
L3780.0	503781.3	5410562.8	41465.00000	272.97	0	48.848023	-86.948459	56280.82	56243.5	6.52	56287.34	56288.30859	56269.41068	56267.68750	503781.3	5410562.8
L3780.0	503781.3	5410564.3	41465.10156	271.42	0	48.848037	-86.948459	56281.34	56243.5	6.52	56287.86	56288.87109	56269.34182	56267.65234	503781.3	5410564.3
L3780.0	503781.3	5410564.3	41465.19922	270.00	0	48.848037	-86.948459	56281.18	56243.5	6.52	56287.70	56288.75391	56269.20577	56267.55078	503781.3	5410564.3
L3780.0	503781.3	5410565.3	41465.30078	269.80	0	48.848046	-86.948459	56281.54	56243.5	6.52	56288.06	56289.15625	56269.09232	56267.47266	503781.3	5410565.3
L3780.0	503781.3	5410567.1	41465.39844	270.27	0	48.848062	-86.948459	56281.05	56243.5	6.52	56287.57	56288.70703	56268.95151	56267.36328	503781.3	5410567.1
L3780.0	503781.3	5410568.5	41465.50000	270.68	0	48.848075	-86.948459	56281.73	56243.5	6.52	56288.25	56289.42969	56268.83107	56267.27734	503781.3	5410568.5
L3780.0	503781.3	5410568.5	41465.60156	271.41	0	48.848075	-86.948459	56281.36	56243.5	6.52	56287.88	56289.10156	56268.72136	56267.20313	503781.3	5410568.5
L3780.0	503781.3	5410571.5	41465.69922	269.87	0	48.848102	-86.948459	56281.73	56243.5	6.52	56288.25	56289.51172	56268.60366	56267.12109	503781.3	5410571.5
L3780.0	503781.3	5410571.5	41465.80078	270.01	0	48.848102	-86.948459	56281.84	56243.5	6.52	56288.36	56289.66406	56268.50503	56267.05469	503781.3	5410571.5
L3780.0	503781.3	5410573.0	41465.89844	272.27	0	48.848115	-86.948459	56281.87	56243.5	6.52	56288.39	56289.73438	56269.29803	56267.88281	503781.3	5410573.0
L3780.0	503781.3	5410573.0	41466.00000	270.88	0	48.848115	-86.948459	56282.02	56243.5	6.52	56288.54	56289.92578	56269.22946	56267.84766	503781.3	5410573.0
L3780.0	503781.3	5410574.4	41466.10156	270.71	0	48.848128	-86.948459	56282.28	56243.5	6.52	56288.80	56290.22656	56269.19092	56267.84375	503781.3	5410574.4
L3780.0	503781.3	5410575.8	41466.19922	258.25	0	48.848141	-86.948458	56282.73	56243.5	6.52	56289.25	56290.71484	56269.18939	56267.87891	503781.3	5410575.8
L3780.0	503781.3	5410577.5	41466.30078	258.26	0	48.848156	-86.948458	56282.56	56243.5	6.52	56289.08	56290.58594	56269.10384	56267.82813	503781.3	5410577.5
L3780.0	503781.3	5410577.5	41466.39844	259.19	0	48.848156	-86.948458	56283.14	56243.5	6.52	56289.66	56291.20703	56269.13014	56267.89063	503781.3	5410577.5
L3780.0	503781.4	5410578.9	41466.39844	259.19	0	48.848169	-86.948458	56283.17	56243.5	6.52	56289.68	56291.26563	56269.09109	56267.88672	503781.4	5410578.9
L3780.0	503781.4	5410580.6	41466.60156	265.24	0	48.848184	-86.948458	56283.06	56243.5	6.51	56289.58	56291.20703	56269.05158	56267.87891	503781.4	5410580.6
L3780.0	503781.4	5410580.6	41466.69922	261.82	0	48.848184	-86.948458	56282.81	56243.5	6.51	56289.33	56290.99609	56269.01374	56267.87891	503781.4	5410580.6
L3780.0	503781.4	5410581.8	41466.80078	257.12	0	48.848194	-86.948458	56282.61	56243.5	6.51	56289.12	56290.82422	56268.99667	56267.89453	503781.4	5410581.8
L3780.0	503781.4	5410583.2	41466.89844	260.98	0	48.848207	-86.948457	56283.12	56243.5	6.51	56289.63	56291.37500	56269.03666	56267.96875	503781.4	5410583.2
L3780.0	503781.4	5410583.2	41467.00000	259.79	0	48.848207	-86.948457	56283.14	56243.5	6.51	56289.65	56291.43359	56269.05337	56268.02344	503781.4	5410583.2
L3780.0	503781.4	5410585.1	41467.10156	259.33	0	48.848225	-86.948457	56283.45	56243.5	6.51	56289.95	56291.76953	56269.09001	56268.09375	503781.4	5410585.1
L3780.0	503781.5	5410586.8	41467.19922	260.81	0	48.848240	-86.948457	56283.52	56243.5	6.51	56290.03	56291.88672	56269.12783	56268.16797	503781.5	5410586.8
L3780.0	503781.5	5410588.5	41467.30078	260.77	0	48.848255	-86.948456	56283.89	56243.5	6.50	56290.39	56292.28516	56269.17788	56268.25000	503781.5	5410588.5
L3780.0	503781.5	5410588.5	41467.39844	260.44	0	48.848255	-86.948456	56284.23	56243.5	6.50	56290.74	56292.67188	56269.23238	56268.33984	503781.5	5410588.5
L3780.0	503781.5	5410590.3	41467.50000	257.86	0	48.848271	-86.948456	56284.34	56243.5	6.50	56290.84	56292.80859	56269.29789	56268.44141	503781.5	5410590.3
L3780.0	503781.5	5410592.1	41467.60156	259.55	0	48.848287	-86.948455	56284.16	56243.5	6.50	56290.66	56292.66797	56269.38568	56268.56250	503781.5	5410592.1
L3780.0	503781.5	5410592.1	41467.69922	259.45	0	48.848287	-86.948455	56283.78	56243.5	6.50	56290.27	56292.31250	56269.50586	56268.71484	503781.5	5410592.1
L3780.0	503781.6	5410593.8	41467.80078	261.00	0	48.848302	-86.948455	56284.17	56243.5	6.49	56290.66	56292.73828	56269.61573	56268.85938	503781.6	5410593.8
L3780.0	503781.6	5410595.4	41467.89844	259.28	0	48.848317	-86.948455	56284.23	56243.5	6.49	56290.73	56292.84375	56269.76054	56269.03906	503781.6	5410595.4
L3780.0	503781.6	5410596.8	41468.00000	256.54	0	48.848329	-86.948454	56284.81	56243.5	6.49	56291.29	56293.44141	56269.91150	56269.22266	503781.6	5410596.8
L3780.0	503781.6	5410596.8	41468.10156	257.01	0	48.848329	-86.948454	56284.77	56243.5	6.49	56291.26	56293.44531	56270.24103	56269.58594	503781.6	5410596.8
L3780.0	503781.6	5410598.5	41468.19922	254.83	0	48.848345	-86.948454	56285.04	56243.5	6.49	56291.53	56293.75000	56270.54985	56269.92969	503781.6	5410598.5
L3780.0	503781.7	5410600.4	41468.30078	255.60	0	48.848362	-86.948454	56285.01	56243.5	6.49	56291.50	56293.75391	56270.87798	56270.29297	503781.7	5410600.4
L3780.0	503781.7	5410601.9	41468.39844	254.97	0	48.848375	-86.948454	56285.29	56243.5	6.49	56291.78	56294.07031	56271.18480	56270.63281	503781.7	5410601.9
L3780.0	503781.7	5410601.9	41468.39844	254.97	0	48.848375	-86.948454	56285.15	56243.5	6.49	56291.65	56293.97266	56271.51833	56270.99609	503781.7	5410601.9
L3780.0	503781.7	5410603.5	41468.60156	252.81	0	48.848390	-86.948453	56285.34	56243.5	6.50	56291.84	56294.19531	56271.82995	56271.34375	503781.7	5410603.5
L3780.0	503781.7	5410604.7	41468.69922	253.34	0	48.848401	-86.948453	56285.39	56243.5	6.50	56291.88	56294.26953	56272.15101	56271.69531	503781.7	5410604.7
L3780.0	503781.7	5410604.7	41468.80078	254.46	0	48.848401	-86.948453	56285.57	56243.5	6.50	56292.06	56294.48047	56272.46222	56272.03906	503781.7	5410604.7
L3780.0	503781.7	5410606.2	41468.89844	254.77	0	48.848414	-86.948453	56285.80	56243.5	6.50	56292.30	56294.75391	56272.76895	56272.37891	503781.7	5410606.2
L3780.0	503781.7	5410608.2	41469.00000	253.25	0	48.848432	-86.948453	56285.88	56243.5	6.50	56292.38	56294.86719	56273.08588	56272.72656	503781.7	5410608.2
L3780.0	503781.8	5410609.8	41469.10156	254.04	0	48.848446	-86.948452	56285.92	56243.5	6.50	56292.42	56294.93750	56273.40506	56273.07813	503781.8	5410609.8
L3780.0	503781.8	5410609.8	41469.19922	254.72	0	48.848446	-86.948452	56286.05	56243.5	6.49	56292.54	56295.08984	56273.71851	56273.42188	503781.8	5410609.8
L3780.0	503781.8	5410611.2	41469.30078	257.57	0	48.848459	-86.948452	56286.08	56243.5	6.49	56292.57	56295.14844	56274.03759	56273.77344	503781.8	5410611.2
L3780.0	503781.8	5410612.7	41469.39844	257.91	0	48.848473	-86.948452	56286.25	56243.5	6.48	56292.74	56295.34766	56274.34702	56274.11328	503781.8	5410612.7
L3780.0	503781.8	5410612.7	41469.50000	259.92	0	48.848473	-86.948452	56286.59	56243.5	6.48	56293.07	56295.70703	56274.64547	56274.44141	503781.8	5410612.7
L3780.0	503781.8	5410614.2	41469.60156	262.29	0	48.848486	-86.948452	56286.46	56243.5	6.48	56292.93	56295.59766	56274.97498	56274.80078	503781.8	5410614.2
L3780.0	503781.8	5410615.6	41469.69922	261.08	0	48.848499	-86.948452	56286.69	56243.5	6.47	56293.16	56295.85547	56275.27959	56275.13672	503781.8	5410615.6
L3780.0	503781.7	5410617.2	41469.80078	260.23	0	48.848513	-86.948452	56286.80	56243.5	6.47	56293.26	56295.98438	56275.59264	56275.48047	503781.7	5410617.2
L3780.0	503781.7	5410617.2	41469.89844	260.22	0	48.848513	-86.948452	56286.56	56243.5	6.46	56293.02	56295.77344	56275.92818	56275.84375	503781.7	5410617.2
L3780.0	503781.7	5410619.1	41470.00000	260.21	0	48.848530	-86.948453	56286.76	56243.5	6.46	56293.22	56296.00000	56276.23423	56276.17969	503781.7	5410619.1
L3780.0	503781.7	5410620.4	41470.10156	258.82	0	48.848542	-86.948453	56286.46	56243.5	6.46	56292.92	56295.72656	56276.57348	56276.54688	503781.7	5410620.4
L3780.0	503781.7	5410622.1	41470.19922	256.52	0	48.848557	-86.948453	56286.80	56243.5	6.46	56293.25	56296.08203	56276.87063	56276.87109	503781.7	5410622.1
L3780.0	503781.7	5410622.1	41470.30078	254.30	0	48.848557	-86.948453	56287.07	56243.5	6.46	56293.52	56296.37891	56277.17170	56277.20313	503781.7	5410622.1
L3780.0	503781.6	5410623.6	41470.39844	252.49	0	48.848570	-86.948454	56287.31	56243.5	6.46	56293.76	56296.64453	56277.47472	56277.53125	503781.6	5410623.6
L3780.0	503781.6	5410623.6	41470.39844	252.49	0	48.848570	-86.948454	56287.88	56243.5	6.46	56294.34	56297.25000	56277.75505	56277.83984	503781.6	5410623.6
L3780.0	503781.5	5410625.9	41470.60156	254.79	0	48.848591	-86.948455	56287.94	56243.5	6.45	56294.39	56297.32422	56278.07072	56278.18359	503781.5	5410625.9
L3780.0	503781.5	5410627.2	41470.69922	254.77	0	48.848603	-86.948456	56287.89	56243.5	6.45	56294.34	56297.29688	56278.39308	56278.53125	503781.5	5410627.2
L3780.0	503781.4	5410628.6	41470.80078	254.05	0	48.848616	-86.948457	56287.74	56243.5	6.45	56294.19	56297.17188	56278.72216	56278.88672	503781.4	5410628.6
L3780.0	503781.4	5410628.6	41470.89844	255.22	0	48.848616	-86.948457	56288.04	56243.5	6.45	56294.49	56297.49609	56279.02132	56279.21484	503781.4	5410628.6

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L3780.0	503781.4	5410630.0	41471.00000	256.72	0	48.848628	-86.948458	56288.09	56243.6	6.45	56294.54	56297.56641	56279.33725	56279.55469	503781.4	5410630.0
L3780.0	503781.3	5410631.5	41471.10156	258.51	0	48.848642	-86.948458	56288.30	56243.6	6.45	56294.75	56297.80078	56279.64263	56279.88672	503781.3	5410631.5
L3780.0	503781.2	5410633.0	41471.19922	258.00	0	48.848656	-86.948459	56288.58	56243.6	6.45	56295.03	56298.10156	56279.94350	56280.21094	503781.2	5410633.0
L3780.0	503781.2	5410634.7	41471.30078	257.07	0	48.848670	-86.948460	56288.73	56243.6	6.45	56295.18	56298.27344	56280.29819	56280.58984	503781.2	5410634.7
L3780.0	503781.2	5410634.7	41471.39844	258.81	0	48.848670	-86.948460	56288.88	56243.6	6.45	56295.33	56298.44141	56280.66598	56280.98438	503781.2	5410634.7
L3780.0	503781.1	5410636.2	41471.50000	258.19	0	48.848684	-86.948461	56289.09	56243.6	6.44	56295.53	56298.66016	56281.04037	56281.38281	503781.1	5410636.2
L3780.0	503781.1	5410637.8	41471.60156	257.83	0	48.848698	-86.948462	56289.38	56243.6	6.44	56295.82	56298.96875	56281.41942	56281.78516	503781.1	5410637.8
L3780.0	503781.0	5410639.4	41471.69922	259.83	0	48.848713	-86.948462	56289.26	56243.6	6.44	56295.71	56298.87891	56281.82218	56282.21094	503781.0	5410639.4
L3780.0	503781.0	5410639.4	41471.80078	261.13	0	48.848713	-86.948462	56289.62	56243.6	6.44	56296.06	56299.24609	56282.20685	56282.62109	503781.0	5410639.4
L3780.0	503780.9	5410641.4	41471.89844	261.44	0	48.848731	-86.948463	56289.54	56243.6	6.44	56295.98	56299.18359	56282.60627	56283.04297	503780.9	5410641.4
L3780.0	503780.9	5410641.4	41472.00000	262.05	0	48.848731	-86.948463	56290.04	56243.6	6.44	56296.48	56299.70313	56282.98992	56283.44922	503780.9	5410641.4
L3780.0	503780.9	5410644.0	41472.10156	262.90	0	48.848754	-86.948464	56289.77	56243.6	6.44	56296.21	56299.44922	56283.39250	56283.87500	503780.9	5410644.0
L3780.0	503780.9	5410644.0	41472.19922	262.73	0	48.848754	-86.948464	56290.26	56243.6	6.44	56296.70	56299.95313	56283.78511	56284.28906	503780.9	5410644.0
L3780.0	503780.9	5410646.0	41472.30078	259.51	0	48.848772	-86.948464	56290.23	56243.6	6.44	56296.67	56299.93750	56284.19032	56284.71484	503780.9	5410646.0
L3780.0	503780.9	5410647.3	41472.39844	259.70	0	48.848784	-86.948464	56290.44	56243.6	6.44	56296.88	56300.16406	56284.60467	56285.15234	503780.9	5410647.3
L3780.0	503780.9	5410647.3	41472.39844	259.70	0	48.848784	-86.948464	56290.62	56243.6	6.44	56297.06	56300.35547	56285.03379	56285.60156	503780.9	5410647.3
L3780.0	503780.8	5410649.0	41472.60156	260.49	0	48.848799	-86.948465	56290.63	56243.6	6.44	56297.07	56300.37891	56285.47621	56286.06250	503780.8	5410649.0
L3780.0	503780.8	5410649.0	41472.69922	259.68	0	48.848799	-86.948465	56290.93	56243.6	6.44	56297.37	56300.69141	56285.94374	56286.55078	503780.8	5410649.0
L3780.0	503780.8	5410651.0	41472.80078	259.90	0	48.848817	-86.948465	56290.98	56243.6	6.44	56297.42	56300.75391	56286.41492	56287.04297	503780.8	5410651.0
L3780.0	503780.8	5410652.7	41472.89844	258.96	0	48.848832	-86.948465	56291.52	56243.6	6.44	56297.96	56301.30469	56286.93225	56287.58203	503780.8	5410652.7
L3780.0	503780.8	5410653.9	41473.00000	258.51	0	48.848844	-86.948465	56291.36	56243.6	6.44	56297.80	56301.15625	56287.40748	56288.07422	503780.8	5410653.9
L3780.0	503780.8	5410653.9	41473.10156	258.57	0	48.848844	-86.948465	56291.62	56243.6	6.44	56298.05	56301.41797	56287.92572	56288.61328	503780.8	5410653.9
L3780.0	503780.8	5410655.9	41473.19922	260.75	0	48.848861	-86.948465	56291.41	56243.6	6.43	56297.84	56301.21484	56288.39215	56289.09766	503780.8	5410655.9
L3780.0	503780.7	5410657.0	41473.30078	260.77	0	48.848871	-86.948466	56291.69	56243.6	6.43	56298.12	56301.50391	56288.92196	56289.64844	503780.7	5410657.0
L3780.0	503780.7	5410658.7	41473.39844	261.03	0	48.848887	-86.948466	56291.94	56243.6	6.43	56298.37	56301.76563	56289.45202	56290.19531	503780.7	5410658.7
L3780.0	503780.7	5410658.7	41473.50000	277.83	0	48.848887	-86.948466	56292.15	56243.6	6.43	56298.57	56301.97266	56289.97394	56290.73438	503780.7	5410658.7
L3780.0	503780.7	5410660.4	41473.60156	277.19	0	48.848901	-86.948466	56292.22	56243.6	6.42	56298.65	56302.05859	56290.38241	56291.16016	503780.7	5410660.4
L3780.0	503780.7	5410661.6	41473.69922	277.03	0	48.848913	-86.948466	56292.26	56243.6	6.42	56298.68	56302.09375	56290.89904	56291.69531	503780.7	5410661.6
L3780.0	503780.7	5410663.1	41473.80078	275.31	0	48.848926	-86.948467	56292.45	56243.6	6.42	56298.87	56302.29297	56291.39645	56292.21094	503780.7	5410663.1
L3780.0	503780.7	5410663.1	41473.89844	275.83	0	48.848926	-86.948467	56292.81	56243.6	6.41	56299.23	56302.65625	56291.88649	56292.71875	503780.7	5410663.1
L3780.0	503780.6	5410664.7	41474.00000	276.93	0	48.848940	-86.948467	56292.92	56243.6	6.41	56299.33	56302.76172	56292.36028	56293.20703	503780.6	5410664.7
L3780.0	503780.6	5410664.7	41474.10156	276.17	0	48.848940	-86.948467	56292.91	56243.6	6.41	56299.32	56302.75391	56292.80644	56293.67188	503780.6	5410664.7
L3780.0	503780.6	5410666.9	41474.19922	276.60	0	48.848960	-86.948468	56293.36	56243.6	6.41	56299.76	56303.19922	56293.27003	56294.15234	503780.6	5410666.9
L3780.0	503780.5	5410668.8	41474.30078	278.62	0	48.848977	-86.948468	56293.36	56243.6	6.41	56299.76	56303.20313	56293.67446	56294.57031	503780.5	5410668.8
L3780.0	503780.5	5410668.8	41474.39844	276.84	0	48.848977	-86.948468	56293.73	56243.6	6.41	56300.13	56303.57422	56294.10268	56295.01563	503780.5	5410668.8
L3780.0	503780.5	5410670.2	41474.39844	276.84	0	48.848990	-86.948469	56293.96	56243.6	6.41	56300.37	56303.81641	56294.49675	56295.42578	503780.5	5410670.2
L3780.0	503780.5	5410671.7	41474.60156	276.81	0	48.849004	-86.948469	56294.06	56243.6	6.40	56300.47	56303.91406	56294.84746	56295.78906	503780.5	5410671.7
L3780.0	503780.5	5410671.7	41474.69922	275.00	0	48.849004	-86.948469	56294.42	56243.6	6.40	56300.83	56304.27734	56295.22036	56296.17969	503780.5	5410671.7
L3780.0	503780.4	5410673.6	41474.80078	275.85	0	48.849020	-86.948470	56294.45	56243.6	6.40	56300.85	56304.29688	56295.51107	56296.48438	503780.4	5410673.6
L3780.0	503780.4	5410674.9	41474.89844	275.04	0	48.849032	-86.948470	56294.52	56243.6	6.40	56300.92	56304.36328	56295.78821	56296.77734	503780.4	5410674.9
L3780.0	503780.4	5410674.9	41475.00000	274.65	0	48.849032	-86.948470	56294.65	56243.6	6.40	56301.05	56304.49219	56296.05847	56297.05859	503780.4	5410674.9
L3780.0	503780.4	5410676.6	41475.10156	274.07	0	48.849047	-86.948470	56294.93	56243.6	6.40	56301.33	56304.76953	56296.34148	56297.35938	503780.4	5410676.6
L3780.0	503780.4	5410678.6	41475.19922	275.28	0	48.849065	-86.948471	56295.22	56243.6	6.40	56301.62	56305.05859	56296.61279	56297.64453	503780.4	5410678.6
L3780.0	503780.3	5410679.6	41475.30078	275.25	0	48.849074	-86.948471	56295.36	56243.6	6.40	56301.76	56305.19531	56296.84728	56297.89063	503780.3	5410679.6
L3780.0	503780.3	5410679.6	41475.39844	274.89	0	48.849074	-86.948471	56295.41	56243.6	6.40	56301.81	56305.24219	56297.06128	56298.11719	503780.3	5410679.6
L3780.0	503780.3	5410680.7	41475.50000	277.13	0	48.849085	-86.948471	56295.55	56243.6	6.40	56301.94	56305.36719	56297.28921	56298.35938	503780.3	5410680.7
L3780.0	503780.3	5410682.7	41475.60156	276.18	0	48.849102	-86.948472	56295.85	56243.6	6.39	56302.24	56305.66016	56297.54766	56298.63281	503780.3	5410682.7
L3780.0	503780.2	5410684.1	41475.69922	274.64	0	48.849115	-86.948472	56296.24	56243.6	6.39	56302.63	56306.04297	56297.82150	56298.91797	503780.2	5410684.1
L3780.0	503780.2	5410684.1	41475.80078	274.99	0	48.849115	-86.948472	56296.36	56243.6	6.39	56302.75	56306.15625	56298.05796	56299.16797	503780.2	5410684.1
L3780.0	503780.2	5410685.8	41475.89844	275.53	0	48.849130	-86.948473	56296.64	56243.6	6.39	56303.03	56306.42969	56298.32206	56299.44531	503780.2	5410685.8
L3780.0	503780.2	5410687.3	41476.00000	275.58	0	48.849143	-86.948473	56296.49	56243.6	6.39	56302.88	56306.27344	56298.53380	56299.66797	503780.2	5410687.3
L3780.0	503780.2	5410687.3	41476.10156	275.73	0	48.849143	-86.948473	56296.70	56243.6	6.39	56303.09	56306.47266	56298.79998	56299.94531	503780.2	5410687.3
L3780.0	503780.2	5410689.2	41476.19922	273.18	0	48.849161	-86.948473	56297.18	56243.6	6.39	56303.57	56306.94531	56299.10366	56300.26172	503780.2	5410689.2
L3780.0	503780.2	5410689.2	41476.30078	272.41	0	48.849161	-86.948473	56297.25	56243.6	6.39	56303.65	56307.01563	56299.36359	56300.53516	503780.2	5410689.2
L3780.0	503780.2	5410690.9	41476.39844	270.40	0	48.849176	-86.948473	56297.64	56243.6	6.39	56304.04	56307.39453	56299.66400	56300.84375	503780.2	5410690.9
L3780.0	503780.1	5410692.3	41476.39844	270.40	0	48.849188	-86.948474	56297.58	56243.6	6.39	56303.98	56307.32422	56299.91936	56301.11328	503780.1	5410692.3
L3780.0	503780.1	5410693.5	41476.60156	271.77	0	48.849199	-86.948474	56297.79	56243.6	6.40	56304.18	56307.51172	56300.20825	56301.41016	503780.1	5410693.5
L3780.0	503780.1	5410693.5	41476.69922	271.63	0	48.849199	-86.948474	56298.16	56243.6	6.40	56304.55	56307.87109	56300.51894	56301.73438	503780.1	5410693.5
L3780.0	503780.1	5410695.5	41476.80078	271.41	0	48.849217	-86.948474	56298.30	56243.6	6.40	56304.70	56308.00781	56300.81115	56302.03516	503780.1	5410695.5
L3780.0	503780.1	5410697.1	41476.89844	270.95	0	48.849232	-86.948474	56298.79	56243.6	6.40	56305.18	56308.47656	56301.14025	56302.37500	503780.1	5410697.1
L3780.0	503780.1	5410698.5	41477.00000	272.14	0	48.849245	-86.948475	56299.01	56243.6	6.40	56305.41	56308.69141	56301.44837	56302.69531	503780.1	5410698.5
L3780.0	503780.1	5410698.5	41477.10156	257.75	0	48.849245	-86.948475	56299.25	56243.6	6.40	56305.64	56308.91016	56301.76045	56303.01563	503780.1	5410698.5
L3780.0	503780.0	5410700.0	41477.19922	256.07	0	48.849258	-86.948475	56299.35	56243.6	6.39	56305.74	56308.99219	56302.06353	56303.32813	503780.0	5410700.0
L3780.0	503780.0	5410701.7	41477.30078	272.28	0	48.849273	-86.948475	56299.44	56243.6	6.39	56305.83	56309.07031	56302.36905	56303.64453	503780.0	5410701.7
L3780.0	503780.0	5410701.7	41477.39844	274.02	0	48.849273	-86.948475	56299.73	56243.6	6.39	56306.12	56309.34375	56302.69768	56303.98438	503780.0	5410701.7
L3780.0	503780.0	5410703.4	41477.50000	273.88	0	48.849288	-86.948475	56300.16	56243.6	6.39	56306.55	56309.75781	56303.04373	56304.33984	503780.0	5410703.4
L3780.0	503780.0	5410704.6	41477.60156	277.40	0	48.849299	-86.948475	56300.46	56243.6	6.38	56306.85	56310.03906	56303.37973	56304.68359	503780.0	5410704.6
L3780.0	503780.0	5410704.6	41477.69922	276.75	0	48.849299	-86.948475	56300.96	56243.6	6.38	56307.34	56310.51172	56303.73827	56305.05078	503780.0	5410704.6
L3780.0	503780.0	5410706.2	41477.80078	275.17	0	48.849314	-86.948476	56301.18	56243.6	6.38	56307.56	56310.71484	56304.07100	56305.39063	503780.0	5410706.2
L3780.0	503780.0	5410707.6	41477.89844	274.26	0	48.849326	-86.948476	56301.52	56243.6	6.37	56307.89	56311.02734	56304.41817	56305.74609	503780.0	5410707.6
L3780.0	503780.0	5410707.6	41478.00000	273.96	0	48.849326	-86.948476	56301.06	56243.6	6.37	56307.43	56310.54688	56304.67704	56306.01563	503780.0	5410707.6
L3780.0	503780.0	5410709.5	41478.10156	271.59	0	48.849343	-86.948476	56301.90	56243.6	6.37	56308.27	56311.36719	56305.08408	56306.42969	503780.0	5410709.5
L3780.0	503780.0	5410710.6	41478.19922	271.35	0	48.849354	-86.948476	56302.02	56243.6	6.37	56308.39	56311.46875	56305.40821	56306.76172	503780.0	5410710.6
L3780.0	503780.0	5410712.2	41478.30078	271.98	0	48.849368	-86.948476	56302.26	56243.6	6.37	56308.63	56311.68750	56305.74578	56307.10547	503780.0	5410712.2
L3780.0	503780.0	5410713.4	41478.39844	270.30	0	48.849379	-86.948476	56302.59	56243.6	6.37	56308.96	56311.99609	56306.09348	56307.46094	503780.0	5410713.4
L3780.0	503780.0	5410713.4	41478.39844	270.30	0	48.849379	-86.948476	56302.92	56243.6	6.37	56309.29	56312.30469	56306.44021	56307.81641	503780.0	5410713.4
L3780.0	503780.0	5410714.9	41478.60156	272.66	0	48.849392	-86.948476	56303.36	56243.6	6.37	56309.73	56312.72656	56306.79912	56308.18359	503780.0	5410714.9
L3780.0	503780.0	5410714.9	41478.69922	274.67	0	48.849392	-86.948476	56303.68	56243.6	6.37	56310.05	56313.02344	56307.14141	56308.53125	503780.0	5410714.9
L3780.0	503780.0	5410717.0	41478.80078	274.36	0	48.849411	-86.948475	56304.07	56243.6	6.37	56310.44	56313.39063	56307.48990	56308.88672	503780.0	5410717.0
L3780.0	503780.0	5410718.7	41478.89844	272.22	0	48.849426	-86.948475	56304.47	56243.6	6.37	56310.84	56313.76563	56307.83631	56309.23828	503780.0	5410718.7
L3780.0	503780.0	5410719.9	41479.00000	272.59	0	48.849437	-86.948475	56304.86	56243.6	6.37	56311.23	56314.13281	56308.17732	56309.58594	503780.0	5410719.9
L3780.0	503780.0	5410719.9	41479.10156	259.55	0	48.849437	-86.948475	56305.17	56243.6	6.37	56311.54	56314.42188	56308.50504	56309.91797	503780.0	5410719.9
L3780.0	503780.0	5410721.6	41479.19922	260.43	0	48.849453	-86.948475	56305.49	56243.6	6.37	56311.86	56314.71484	56308.82923	56310.25000	503780.0	5410721.6
L3780.0	503780.1	5410723.4	41479.30078	275.38	0	48.849468	-86.948474	56305.63	56243.6	6.37	56312.00	56314.83203	56309.13339	56310.55859	503780.1	5410723.4
L3780.0	503780.1	5410723.4	41479.39844	273.53	0	48.849468	-86.948474	56305.73	56243.6	6.37	56312.10	56314.90625	56309.43452	56310.86328	503780.1	5410723.4
L3780.0	503780.1	5410725.1	41479.39844	273.53	0	48.849483	-86.948474	56306.37	56243.6	6.37	56312.74	56315.51953	56309.76612	56311.19922	503780.1	5410725.1
L3780.0	503780.1	5410726.8	41479.60156	274.32	0	48.849499	-86.948474	56306.75	56243.6	6.37	56313.12	56315.87500	56310.07387	56311.51172	503780.1	5410726.8
L3780.0	503780.1	5410728.2	41479.69922	274.32	0	48.849511	-86.948474	56307.16	56243.6	6.37	56313.53	56316.25781	56310.37587	56311.82031	503780.1	5410728.2
L3780.0	503780.1	5410729.6	41479.80078	270.49	0	48.849524	-86.948473	56307.29	56243.6	6.37	56313.66	56316.36328	56310.67395	56312.12109	503780.1	5410729.6
L3780.0	503780.1	5410729.6	41479.80078	270.49	0	48.849524	-86.948473	56307.95	56243.6	6.37	56314.32	56316.99609	56310.96037	56312.41016	503780.1	5410729.6
L3780.0	503780.1	5410731.3	41479.89844	272.35	0	48.849540	-86.948473	56308.02	56243.6	6.37	56314.39	56317.03906	56311.26566	56312.71875	503780.1	5410731.3
L3780.0	503780.1	5410733.0	41480.10156	270.96	0	48.849555	-86.948473	56308.41	56243.6	6.37	56314.78	56317.40234	56311.55643	56313.01563	503780.1	5410733.0
L3780.0	503780.1	5410733.0	41480.19922	261.51	0	48.849555	-86.948473	56308.76	56243.6	6.37	56315.13	56317.72266	56311.55449	56313.01563	503780.1	5410733.0

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L3780.0	503780.2	5410734.7	41480.30078	259.98	0	48.849570	-86.948473	56309.40	56243.6	6.37	56315.77	56318.33594	56311.88473	56313.34766	503780.2	5410734.7
L3780.0	503780.2	5410734.7	41480.39844	260.75	0	48.849570	-86.948473	56309.79	56243.6	6.37	56316.16	56318.69531	56312.17145	56313.63672	503780.2	5410734.7
L3780.0	503780.2	5410737.9	41480.39844	260.75	0	48.849599	-86.948473	56310.16	56243.6	6.37	56316.53	56319.03516	56312.45872	56313.92578	503780.2	5410737.9
L3780.0	503780.2	5410737.9	41480.60156	259.82	0	48.849599	-86.948473	56310.53	56243.6	6.37	56316.90	56319.37891	56312.75121	56314.21875	503780.2	5410737.9
L3780.0	503780.2	5410739.1	41480.69922	271.47	0	48.849610	-86.948472	56310.88	56243.6	6.37	56317.25	56319.69922	56313.04891	56314.51563	503780.2	5410739.1
L3780.0	503780.2	5410741.0	41480.80078	259.33	0	48.849627	-86.948472	56311.52	56243.6	6.37	56317.89	56320.30859	56313.37322	56314.84375	503780.2	5410741.0
L3780.0	503780.2	5410741.0	41480.89844	260.49	0	48.849627	-86.948472	56311.52	56243.6	6.37	56317.89	56320.27734	56313.67048	56315.14063	503780.2	5410741.0
L3780.0	503780.2	5410742.7	41481.00000	258.86	0	48.849642	-86.948472	56312.18	56243.6	6.37	56318.55	56320.90625	56314.00851	56315.47656	503780.2	5410742.7
L3780.0	503780.2	5410743.8	41481.10156	255.96	0	48.849652	-86.948472	56312.21	56243.6	6.37	56318.58	56320.90625	56314.33716	56315.80469	503780.2	5410743.8
L3780.0	503780.2	5410743.8	41481.19922	256.92	0	48.849652	-86.948472	56313.06	56243.6	6.37	56319.42	56321.71484	56314.68978	56316.15625	503780.2	5410743.8
L3780.0	503780.2	5410746.7	41481.30078	258.49	0	48.849678	-86.948472	56312.97	56243.6	6.37	56319.34	56321.60547	56315.04238	56316.50781	503780.2	5410746.7
L3780.0	503780.2	5410746.7	41481.39844	256.65	0	48.849678	-86.948472	56313.77	56243.6	6.37	56320.13	56322.36328	56315.40485	56316.86719	503780.2	5410746.7
L3780.0	503780.3	5410748.3	41481.50000	257.75	0	48.849693	-86.948471	56314.00	56243.6	6.37	56320.36	56322.56250	56315.77686	56317.23828	503780.3	5410748.3
L3780.0	503780.3	5410749.6	41481.60156	257.78	0	48.849704	-86.948471	56314.79	56243.6	6.36	56321.15	56323.32031	56316.14928	56317.60938	503780.3	5410749.6
L3780.0	503780.3	5410749.6	41481.69922	258.70	0	48.849704	-86.948471	56314.91	56243.6	6.36	56321.28	56323.41797	56316.53742	56317.99219	503780.3	5410749.6
L3780.0	503780.3	5410751.0	41481.80078	259.04	0	48.849716	-86.948471	56315.58	56243.6	6.36	56321.94	56324.04297	56316.92218	56318.37500	503780.3	5410751.0
L3780.0	503780.3	5410752.3	41481.89844	259.66	0	48.849728	-86.948471	56315.81	56243.6	6.36	56322.17	56324.24219	56317.31948	56318.76953	503780.3	5410752.3
L3780.0	503780.4	5410754.2	41482.00000	263.28	0	48.849746	-86.948470	56316.50	56243.6	6.36	56322.86	56324.89844	56317.71114	56319.15625	503780.4	5410754.2
L3780.0	503780.4	5410754.2	41482.10156	262.16	0	48.849746	-86.948470	56316.88	56243.6	6.36	56323.24	56325.24609	56318.11139	56319.55078	503780.4	5410754.2
L3780.0	503780.4	5410755.8	41482.19922	260.91	0	48.849760	-86.948470	56317.29	56243.6	6.36	56323.65	56325.62109	56318.51247	56319.94531	503780.4	5410755.8
L3780.0	503780.4	5410757.3	41482.30078	261.93	0	48.849773	-86.948469	56317.80	56243.6	6.36	56324.16	56326.09766	56318.91151	56320.33984	503780.4	5410757.3
L3780.0	503780.4	5410757.3	41482.39844	260.92	0	48.849773	-86.948469	56318.08	56243.6	6.36	56324.44	56326.34375	56319.31405	56320.73438	503780.4	5410757.3
L3780.0	503780.5	5410758.9	41482.39844	260.92	0	48.849788	-86.948469	56318.14	56243.6	6.36	56324.50	56326.37109	56319.71970	56321.13281	503780.5	5410758.9
L3780.0	503780.5	5410760.9	41482.60156	259.25	0	48.849806	-86.948468	56318.56	56243.6	6.37	56324.93	56326.76953	56320.11600	56321.52344	503780.5	5410760.9
L3780.0	503780.5	5410760.9	41482.69922	259.96	0	48.849806	-86.948468	56318.97	56243.6	6.37	56325.34	56327.14453	56320.51034	56321.91016	503780.5	5410760.9
L3780.0	503780.5	5410762.3	41482.80078	258.97	0	48.849818	-86.948468	56319.91	56243.6	6.37	56326.28	56328.05078	56320.88782	56322.27734	503780.5	5410762.3
L3780.0	503780.5	5410763.2	41482.89844	258.29	0	48.849827	-86.948468	56320.16	56243.6	6.37	56326.53	56328.26563	56321.27987	56322.66016	503780.5	5410763.2
L3780.0	503780.5	5410763.2	41483.00000	257.01	0	48.849827	-86.948468	56320.71	56243.6	6.37	56327.08	56328.78125	56321.66039	56323.03125	503780.5	5410763.2
L3780.0	503780.5	5410765.0	41483.10156	255.90	0	48.849843	-86.948467	56321.22	56243.6	6.37	56327.59	56329.25391	56322.03885	56323.39844	503780.5	5410765.0
L3780.0	503780.6	5410766.0	41483.19922	257.06	0	48.849852	-86.948467	56321.35	56243.6	6.38	56327.73	56329.35938	56322.43111	56323.78125	503780.6	5410766.0
L3780.0	503780.6	5410767.2	41483.30078	256.77	0	48.849862	-86.948467	56322.23	56243.6	6.38	56328.61	56330.20703	56322.79076	56324.12891	503780.6	5410767.2
L3780.0	503780.6	5410767.2	41483.39844	257.38	0	48.849862	-86.948467	56322.12	56243.6	6.38	56328.50	56330.05859	56323.19941	56324.52344	503780.6	5410767.2
L3780.0	503780.5	5410768.7	41483.50000	257.62	0	48.849876	-86.948467	56323.11	56243.6	6.39	56329.49	56331.01563	56323.55323	56324.86719	503780.5	5410768.7
L3780.0	503780.5	5410770.5	41483.60156	257.66	0	48.849892	-86.948467	56323.59	56243.6	6.39	56329.98	56331.46875	56323.93734	56325.23828	503780.5	5410770.5
L3780.0	503780.5	5410770.5	41483.69922	257.58	0	48.849892	-86.948467	56324.13	56243.6	6.39	56330.52	56331.97266	56324.32441	56325.60938	503780.5	5410770.5
L3780.0	503780.5	5410771.5	41483.80078	256.96	0	48.849901	-86.948467	56324.38	56243.6	6.39	56330.77	56332.18750	56324.73756	56326.00781	503780.5	5410771.5
L3780.0	503780.5	5410771.5	41483.89844	256.80	0	48.849901	-86.948467	56324.92	56243.6	6.40	56331.32	56332.70313	56325.14086	56326.39453	503780.5	5410771.5
L3780.0	503780.5	5410773.2	41484.00000	257.62	0	48.849916	-86.948467	56325.25	56243.6	6.40	56331.65	56332.99609	56325.56747	56326.80469	503780.5	5410773.2
L3780.0	503780.5	5410774.9	41484.10156	256.79	0	48.849931	-86.948467	56325.84	56243.6	6.40	56332.24	56333.55078	56325.98928	56327.21094	503780.5	5410774.9
L3780.0	503780.6	5410776.3	41484.19922	255.14	0	48.849944	-86.948467	56326.63	56243.6	6.39	56333.02	56334.29688	56326.41427	56327.61719	503780.6	5410776.3
L3780.0	503780.6	5410776.3	41484.30078	255.37	0	48.849944	-86.948467	56326.81	56243.6	6.39	56333.20	56334.43750	56326.88151	56328.06641	503780.6	5410776.3
L3780.0	503780.6	5410777.8	41484.39844	254.07	0	48.849958	-86.948467	56327.12	56243.6	6.39	56333.51	56334.71484	56327.35217	56328.51953	503780.6	5410777.8
L3780.0	503780.6	5410778.6	41484.39844	254.07	0	48.849965	-86.948467	56327.46	56243.6	6.39	56333.85	56335.01563	56327.83177	56328.97656	503780.6	5410778.6
L3780.0	503780.6	5410778.6	41484.60156	256.19	0	48.849965	-86.948467	56328.24	56243.6	6.38	56334.62	56335.75000	56328.31816	56329.44531	503780.6	5410778.6
L3780.0	503780.6	5410780.0	41484.69922	255.93	0	48.849978	-86.948466	56328.54	56243.6	6.38	56334.92	56336.01563	56328.82377	56329.92578	503780.6	5410780.0
L3780.0	503780.6	5410781.2	41484.80078	257.55	0	48.849988	-86.948466	56328.98	56243.6	6.38	56335.35	56336.41016	56329.34108	56330.42188	503780.6	5410781.2
L3780.0	503780.6	5410782.4	41484.89844	257.43	0	48.849999	-86.948466	56329.51	56243.6	6.37	56335.89	56336.91406	56329.87526	56330.93359	503780.6	5410782.4
L3780.0	503780.6	5410782.4	41485.00000	257.95	0	48.849999	-86.948466	56330.06	56243.6	6.37	56336.43	56337.41797	56330.42490	56331.46094	503780.6	5410782.4
L3780.0	503780.7	5410783.6	41485.10156	257.13	0	48.850010	-86.948465	56330.50	56243.6	6.37	56336.88	56337.83203	56330.98076	56331.99219	503780.7	5410783.6
L3780.0	503780.7	5410785.0	41485.19922	258.91	0	48.850022	-86.948465	56330.92	56243.6	6.37	56337.29	56338.20313	56331.54028	56332.52344	503780.7	5410785.0
L3780.0	503780.8	5410786.0	41485.30078	258.40	0	48.850032	-86.948464	56331.50	56243.6	6.38	56337.88	56338.75781	56332.12822	56333.08594	503780.8	5410786.0
L3780.0	503780.8	5410786.0	41485.39844	259.12	0	48.850032	-86.948464	56332.12	56243.6	6.38	56338.50	56339.34375	56332.73132	56333.66016	503780.8	5410786.0
L3780.0	503780.8	5410787.2	41485.50000	256.84	0	48.850043	-86.948464	56332.45	56243.6	6.38	56338.83	56339.63672	56333.29032	56334.19141	503780.8	5410787.2
L3780.0	503780.8	5410787.2	41485.60156	272.59	0	48.850043	-86.948464	56333.06	56243.6	6.38	56339.44	56340.21094	56333.53610	56334.41016	503780.8	5410787.2
L3780.0	503780.8	5410788.5	41485.69922	275.49	0	48.850054	-86.948463	56333.52	56243.6	6.38	56339.90	56340.63281	56334.11430	56334.95703	503780.8	5410788.5
L3780.0	503780.9	5410789.5	41485.80078	274.75	0	48.850063	-86.948462	56334.21	56243.6	6.39	56340.59	56341.28906	56334.68190	56335.49219	503780.9	5410789.5
L3780.0	503780.9	5410790.5	41485.89844	274.34	0	48.850072	-86.948462	56334.48	56243.6	6.39	56340.87	56341.53125	56335.24989	56336.03125	503780.9	5410790.5
L3780.0	503780.9	5410790.5	41486.00000	273.41	0	48.850072	-86.948462	56334.95	56243.6	6.39	56341.33	56341.95703	56335.80282	56336.55078	503780.9	5410790.5
L3780.0	503781.0	5410791.3	41486.10156	276.15	0	48.850079	-86.948461	56335.28	56243.6	6.39	56341.67	56342.26172	56336.33501	56337.04688	503781.0	5410791.3
L3780.0	503781.0	5410792.2	41486.19922	277.06	0	48.850087	-86.948461	56335.97	56243.6	6.39	56342.36	56342.91406	56336.87435	56337.55078	503781.0	5410792.2
L3780.0	503781.0	5410793.5	41486.30078	277.44	0	48.850099	-86.948460	56336.43	56243.6	6.38	56342.81	56343.32813	56337.38434	56338.02734	503781.0	5410793.5
L3780.0	503781.1	5410794.5	41486.39844	277.70	0	48.850108	-86.948460	56336.86	56243.6	6.38	56343.24	56343.72266	56337.87644	56338.48047	503781.1	5410794.5
L3780.0	503781.1	5410794.5	41486.39844	277.70	0	48.850108	-86.948460	56337.56	56243.6	6.38	56343.94	56344.38672	56338.38461	56338.95313	503781.1	5410794.5
L3780.0	503781.1	5410795.4	41486.60156	279.74	0	48.850116	-86.948459	56337.83	56243.6	6.38	56344.21	56344.62109	56338.82714	56339.35547	503781.1	5410795.4
L3780.0	503781.1	5410795.4	41486.69922	276.38	0	48.850116	-86.948459	56338.44	56243.6	6.38	56344.82	56345.19531	56339.29864	56339.78906	503781.1	5410795.4
L3780.0	503781.2	5410796.6	41486.80078	274.90	0	48.850127	-86.948459	56338.45	56243.6	6.37	56344.82	56345.16016	56339.67280	56340.12109	503781.2	5410796.6
L3780.0	503781.2	5410797.6	41486.89844	272.55	0	48.850136	-86.948458	56339.21	56243.6	6.37	56345.58	56345.88672	56340.14058	56340.54688	503781.2	5410797.6
L3780.0	503781.2	5410798.6	41487.00000	273.35	0	48.850145	-86.948458	56338.91	56243.6	6.37	56345.28	56345.55078	56340.44567	56340.80859	503781.2	5410798.6
L3780.0	503781.2	5410798.6	41487.10156	272.62	0	48.850145	-86.948458	56339.62	56243.6	6.37	56345.99	56346.22266	56340.88794	56341.20703	503781.2	5410798.6
L3780.0	503781.3	5410799.4	41487.19922	269.87	0	48.850152	-86.948457	56339.70	56243.6	6.38	56346.08	56346.27734	56341.23404	56341.50781	503781.3	5410799.4
L3780.0	503781.3	5410800.4	41487.30078	272.58	0	48.850161	-86.948457	56340.43	56243.6	6.38	56346.81	56346.97266	56341.66783	56341.89453	503781.3	5410800.4
L3780.0	503781.3	5410801.3	41487.39844	272.33	0	48.850169	-86.948456	56341.20	56243.6	6.38	56347.58	56347.71094	56342.10358	56342.28516	503781.3	5410801.3
L3780.0	503781.3	5410801.3	41487.50000	271.40	0	48.850169	-86.948456	56341.20	56243.6	6.39	56347.58	56347.67578	56342.42946	56342.56250	503781.3	5410801.3
L3780.0	503781.4	5410802.1	41487.60156	270.56	0	48.850177	-86.948456	56341.82	56243.6	6.39	56348.21	56348.26953	56342.84514	56342.92578	503781.4	5410802.1
L3780.0	503781.4	5410802.9	41487.69922	272.80	0	48.850184	-86.948455	56341.84	56243.6	6.39	56348.23	56348.25391	56343.17963	56343.21094	503781.4	5410802.9
L3780.0	503781.4	5410803.7	41487.80078	272.38	0	48.850191	-86.948455	56342.63	56243.6	6.39	56349.03	56349.01953	56343.62841	56343.60938	503781.4	5410803.7
L3780.0	503781.4	5410803.7	41487.89844	273.17	0	48.850191	-86.948455	56342.60	56243.6	6.40	56349.00	56348.95703	56343.96788	56343.89453	503781.4	5410803.7
L3780.0	503781.5	5410805.0	41488.00000	273.07	0	48.850203	-86.948453	56343.78	56243.6	6.40	56350.18	56350.10156	56344.48914	56344.36328	503781.5	5410805.0
L3780.0	503781.5	5410805.0	41488.10156	274.96	0	48.850203	-86.948453	56344.16	56243.6	6.40	56350.56	56350.44531	56344.90644	56344.72266	503781.5	5410805.0
L3780.0	503781.6	5410805.9	41488.19922	273.75	0	48.850210	-86.948453	56344.60	56243.6	6.40	56350.99	56350.84375	56345.34206	56345.10156	503781.6	5410805.9
L3780.0	503781.6	5410805.9	41488.30078	273.91	0	48.850210	-86.948453	56344.85	56243.6	6.39	56351.24	56351.05859	56345.75883	56345.46094	503781.6	5410805.9
L3780.0	503781.7	5410806.8	41488.39844	275.06	0	48.850219	-86.948452	56345.18	56243.6	6.39	56351.58	56351.36328	56346.19806	56345.84375	503781.7	5410806.8
L3780.0	503781.7	5410807.5	41488.39844	275.06	0	48.850225	-86.948451	56345.26	56243.6	6.39	56351.65	56351.40234	56346.59239	56346.17578	503781.7	5410807.5
L3780.0	503781.8	5410808.4	41488.60156	276.91	0	48.850233	-86.948450	56345.26	56243.6	6.39	56351.65	56351.36719	56346.96939	56346.49219	503781.8	5410808.4
L3780.0	503781.8	5410808.4	41488.69922	275.86	0	48.850233	-86.948450	56346.38	56243.6	6.39	56352.76	56352.44531	56347.57995	56347.04297	503781.8	5410808.4
L3780.0	503781.9	5410809.4	41488.80078	275.64	0	48.850242	-86.948448	56346.38	56243.6	6.38	56352.76	56352.41016	56347.95364	56347.35156	503781.9	5410809.4
L3780.0	503782.0	5410810.1	41488.89844	276.93	0	48.850248	-86.948447	56347.04	56243.6	6.38	56353.42	56353.03906	56348.47614	56347.80859	503782.0	5410810.1
L3780.0	503782.0	5410810.1	41489.00000	275.79	0	48.850248	-86.948447	56346.95	56243.6	6.38	56353.32	56352.90625	56348.80518	56348.07422	503782.0	5410810.1
L3780.0	503782.1	5410810.9	41489.10156	275.57	0	48.850256	-86.948446	56347.38	56243.6	6.38	56353.75	56353.30078	56349.25830	56348.46094	503782.1	5410810.9
L3780.0	503782.1	5410811.7	41489.19922	276.85	0	48.850263	-86.948446	56347.86	56243.6	6.37	56354.23	56353.75000	56349.05921	56348.19141	503782.1	5410811.7
L3780.0	503782.1	5410812.4	41489.30078	278.45	0	48.850269	-86.948445	56348.04	56243.6	6.37	56354.41	56353.89453	56349.48417	56348.54688	503782.1	5410812.4
L3780.0	503782.1	5410812.4	41489.39844	277.37	0	48.850269	-86.948445	56348.30	56243.6	6.36	56354.66	56354.11328	56349.88349	56348.87891	503782.1	5410812.4
L3780.0	503782.1	5410812.4	41489.50000	279.01	0	48.850269	-86.948445	56348.75	56243.6	6.36	56355.11	56354.53125	56350.24787	56349.17188	503782.1	5410812.4

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L3780.0	503782.2	5410813.1	41489.60156	281.47	0	48.850276	-86.948445	56349.01	56243.6	6.36	56355.37	56354.75781	56350.61637	56349.46484	503782.2	5410813.1
L3780.0	503782.2	5410814.0	41489.69922	281.78	0	48.850284	-86.948444	56349.26	56243.6	6.35	56355.61	56354.96875	56350.97234	56349.75000	503782.2	5410814.0
L3780.0	503782.2	5410814.3	41489.80078	283.78	0	48.850286	-86.948444	56349.98	56243.7	6.35	56356.32	56355.64453	56351.27790	56349.98047	503782.2	5410814.3
L3780.0	503782.2	5410814.9	41489.89844	281.95	0	48.850292	-86.948444	56349.91	56243.7	6.34	56356.25	56355.54297	56351.63343	56350.25781	503782.2	5410814.9
L3780.0	503782.2	5410814.9	41490.00000	280.48	0	48.850292	-86.948444	56350.41	56243.7	6.34	56356.75	56356.01172	56351.93209	56350.48047	503782.2	5410814.9
L3780.0	503782.2	5410815.5	41490.10156	280.19	0	48.850297	-86.948444	56350.32	56243.7	6.34	56356.66	56355.89063	56352.26786	56350.73828	503782.2	5410815.5
L3780.0	503782.2	5410816.1	41490.19922	280.25	0	48.850303	-86.948445	56350.59	56243.7	6.34	56356.94	56356.13672	56352.56463	56350.95313	503782.2	5410816.1
L3780.0	503782.2	5410816.1	41490.30078	278.91	0	48.850303	-86.948445	56350.74	56243.7	6.35	56357.09	56356.25781	56352.86496	56351.17578	503782.2	5410816.1
L3780.0	503782.2	5410816.8	41490.39844	277.35	0	48.850308	-86.948445	56350.64	56243.7	6.35	56356.99	56356.12500	56353.18453	56351.41406	503782.2	5410816.8
L3780.0	503782.2	5410816.8	41490.39844	277.35	0	48.850308	-86.948445	56350.98	56243.7	6.35	56357.32	56356.42578	56353.45688	56351.60156	503782.2	5410816.8
L3780.0	503782.2	5410817.7	41490.60156	277.81	0	48.850317	-86.948445	56350.88	56243.6	6.35	56357.23	56356.30469	56353.77220	56351.83203	503782.2	5410817.7
L3780.0	503782.2	5410817.7	41490.69922	275.12	0	48.850317	-86.948445	56351.28	56243.6	6.35	56357.63	56356.67188	56354.02753	56352.00391	503782.2	5410817.7
L3780.0	503782.1	5410818.1	41490.80078	274.52	0	48.850321	-86.948445	56351.75	56243.6	6.36	56358.10	56357.11328	56354.26722	56352.15625	503782.1	5410818.1
L3780.0	503782.1	5410818.5	41490.89844	273.64	0	48.850324	-86.948445	56351.94	56243.6	6.36	56358.30	56357.28125	56355.03509	56352.83984	503782.1	5410818.5
L3780.0	503782.1	5410818.9	41491.00000	274.55	0	48.850328	-86.948445	56352.22	56243.6	6.36	56358.58	56357.53125	56355.32482	56353.03906	503782.1	5410818.9
L3780.0	503782.1	5410818.9	41491.10156	275.88	0	48.850328	-86.948445	56352.53	56243.6	6.36	56358.89	56357.81250	56355.62411	56353.25000	503782.1	5410818.9
L3780.0	503782.1	5410819.4	41491.19922	277.40	0	48.850332	-86.948445	56352.69	56243.6	6.36	56359.05	56357.94141	56355.88853	56353.42578	503782.1	5410819.4
L3780.0	503782.1	5410819.8	41491.30078	277.77	0	48.850336	-86.948445	56352.66	56243.6	6.36	56359.02	56357.88281	56356.11125	56353.55469	503782.1	5410819.8
L3780.0	503782.1	5410819.8	41491.39844	277.42	0	48.850336	-86.948445	56352.96	56243.6	6.36	56359.32	56358.15234	56356.42085	56353.77344	503782.1	5410819.8
L3780.0	503782.1	5410820.2	41491.50000	276.53	0	48.850339	-86.948445	56352.91	56243.6	6.36	56359.27	56358.07422	56356.64942	56353.90625	503782.1	5410820.2
L3780.0	503782.1	5410820.7	41491.60156	275.89	0	48.850343	-86.948445	56353.15	56243.6	6.36	56359.51	56358.28125	56356.95204	56354.11719	503782.1	5410820.7
L3780.0	503782.1	5410821.0	41491.69922	277.12	0	48.850346	-86.948445	56352.71	56243.6	6.36	56359.07	56357.81250	56357.09215	56354.16016	503782.1	5410821.0
L3780.0	503782.1	5410821.0	41491.80078	277.41	0	48.850346	-86.948445	56352.94	56243.6	6.36	56359.30	56358.01563	56357.39462	56354.36719	503782.1	5410821.0
L3780.0	503782.2	5410821.4	41491.89844	275.91	0	48.850350	-86.948445	56353.10	56243.6	6.36	56359.46	56358.14453	56357.67876	56354.55469	503782.2	5410821.4
L3780.0	503782.2	5410821.7	41492.00000	275.16	0	48.850353	-86.948445	56353.68	56243.6	6.36	56360.04	56358.69531	56358.06174	56354.83984	503782.2	5410821.7
L3780.0	503782.2	5410821.7	41492.10156	276.54	0	48.850353	-86.948445	56353.70	56243.6	6.36	56360.06	56358.68750	56358.30602	56354.98438	503782.2	5410821.7
L3780.0	503782.2	5410822.1	41492.19922	277.80	0	48.850356	-86.948444	56353.71	56243.6	6.35	56360.06	56358.66016	56358.54302	56355.12500	503782.2	5410822.1
L3780.0	503782.2	5410822.3	41492.30078	278.04	0	48.850358	-86.948444	56353.63	56243.7	6.35	56359.98	56358.55078	56358.76088	56355.24219	503782.2	5410822.3
L3780.0	503782.2	5410822.6	41492.39844	277.26	0	48.850360	-86.948444	56353.68	56243.7	6.34	56360.03	56358.57031	56359.00938	56355.38672	503782.2	5410822.6
L3780.0	503782.2	5410822.7	41492.39844	277.26	0	48.850362	-86.948444	56353.96	56243.7	6.34	56360.31	56358.82422	56359.30721	56355.58203	503782.2	5410822.7
L3780.0	503782.2	5410822.7	41492.60156	277.03	0	48.850362	-86.948444	56353.96	56243.7	6.34	56360.29	56358.77344	56359.54623	56355.71875	503782.2	5410822.7
L3780.0	503782.2	5410822.9	41492.69922	277.36	0	48.850364	-86.948444	56353.94	56243.7	6.33	56360.27	56358.72656	56359.79462	56355.86328	503782.2	5410822.9
L3780.0	503782.2	5410823.1	41492.80078	276.30	0	48.850365	-86.948444	56354.32	56243.7	6.33	56360.65	56359.07813	56360.11471	56356.08203	503782.2	5410823.1
L3780.0	503782.2	5410823.1	41492.89844	276.75	0	48.850365	-86.948444	56354.37	56243.7	6.32	56360.70	56359.10156	56360.38990	56356.25000	503782.2	5410823.1
L3780.0	503782.2	5410823.3	41493.00000	274.69	0	48.850367	-86.948444	56354.32	56243.7	6.32	56360.64	56359.01172	56360.66742	56356.42188	503782.2	5410823.3
L3780.0	503782.2	5410823.4	41493.10156	273.78	0	48.850368	-86.948444	56354.39	56243.7	6.32	56360.72	56359.06641	56360.97618	56356.62500	503782.2	5410823.4
L3780.0	503782.2	5410823.5	41493.19922	276.70	0	48.850369	-86.948444	56355.14	56243.7	6.33	56361.46	56359.77734	56361.32748	56356.87109	503782.2	5410823.5
L3780.0	503782.2	5410823.5	41493.30078	280.81	0	48.850369	-86.948444	56355.42	56243.7	6.33	56361.75	56360.03906	56361.64961	56357.08594	503782.2	5410823.5
L3780.0	503782.2	5410823.6	41493.39844	280.42	0	48.850370	-86.948444	56356.31	56243.7	6.33	56362.64	56360.90234	56361.96168	56357.28906	503782.2	5410823.6
L3780.0	503782.2	5410823.7	41493.50000	282.39	0	48.850370	-86.948444	56356.46	56243.7	6.33	56362.80	56361.03516	56362.27778	56357.49609	503782.2	5410823.7
L3780.0	503782.2	5410823.7	41493.60156	280.66	0	48.850370	-86.948444	56356.85	56243.7	6.34	56363.19	56361.39844	56362.58577	56357.69531	503782.2	5410823.7
L3780.0	503782.2	5410823.8	41493.69922	260.67	0	48.850371	-86.948444	56356.77	56243.7	6.34	56363.11	56361.28906	56362.99290	56357.99219	503782.2	5410823.8
L3780.0	503782.2	5410824.0	41493.80078	261.61	0	48.850373	-86.948444	56356.51	56243.7	6.34	56362.86	56361.01172	56363.26234	56358.15234	503782.2	5410824.0
L3780.0	503782.2	5410824.0	41493.89844	262.49	0	48.850373	-86.948444	56356.41	56243.7	6.35	56362.76	56360.88672	56363.58168	56358.35938	503782.2	5410824.0
L3780.0	503782.2	5410824.1	41494.00000	260.73	0	48.850375	-86.948444	56356.34	56243.7	6.35	56362.69	56360.78906	56363.92663	56358.59375	503782.2	5410824.1
L3780.0	503782.2	5410824.3	41494.10156	259.75	0	48.850376	-86.948444	56356.70	56243.7	6.35	56363.04	56361.10938	56364.32645	56358.88281	503782.2	5410824.3
L3780.0	503782.2	5410824.5	41494.19922	258.91	0	48.850378	-86.948444	56356.66	56243.7	6.34	56363.01	56361.05469	56364.70287	56359.14453	503782.2	5410824.5
L3780.0	503782.2	5410824.5	41494.30078	259.99	0	48.850378	-86.948444	56356.64	56243.7	6.34	56362.99	56361.00781	56365.09469	56359.42578	503782.2	5410824.5
L3780.0	503782.2	5410824.8	41494.39844	260.51	0	48.850381	-86.948444	56356.52	56243.7	6.34	56362.85	56360.83984	56365.49595	56359.71484	503782.2	5410824.8
L3780.0	503782.2	5410825.1	41494.39844	260.51	0	48.850383	-86.948444	56356.64	56243.7	6.34	56362.98	56360.94141	56365.91362	56360.01953	503782.2	5410825.1
L3780.0	503782.2	5410825.1	41494.60156	258.00	0	48.850383	-86.948444	56356.05	56243.7	6.33	56362.38	56360.31641	56366.33773	56360.32813	503782.2	5410825.1
L3780.0	503782.2	5410825.4	41494.69922	258.08	0	48.850386	-86.948444	56356.44	56243.7	6.33	56362.77	56360.67969	56366.76412	56360.64063	503782.2	5410825.4
L3780.0	503782.2	5410825.6	41494.80078	258.05	0	48.850388	-86.948444	56356.26	56243.7	6.33	56362.58	56360.46094	56367.20001	56360.96484	503782.2	5410825.6
L3780.0	503782.2	5410825.6	41494.89844	262.01	0	48.850388	-86.948444	56356.34	56243.7	6.32	56362.66	56360.51563	56367.63148	56361.28125	503782.2	5410825.6
L3780.0	503782.2	5410826.0	41495.00000	262.28	0	48.850392	-86.948444	56356.31	56243.7	6.32	56362.63	56360.45703	56368.06767	56361.60547	503782.2	5410826.0
L3780.0	503782.2	5410826.3	41495.10156	257.74	0	48.850394	-86.948444	56355.85	56243.7	6.32	56362.17	56359.97266	56368.52630	56361.94922	503782.2	5410826.3
L3780.0	503782.2	5410826.5	41495.19922	256.80	0	48.850396	-86.948444	56355.98	56243.7	6.32	56362.30	56360.07422	56368.96012	56362.26953	503782.2	5410826.5
L3780.0	503782.2	5410826.5	41495.30078	256.56	0	48.850396	-86.948444	56355.80	56243.7	6.32	56362.12	56359.86719	56369.41326	56362.60938	503782.2	5410826.5
L3780.0	503782.2	5410826.8	41495.39844	257.66	0	48.850398	-86.948444	56356.00	56243.7	6.32	56362.32	56360.04297	56369.84821	56362.92969	503782.2	5410826.8
L3820.0	503820.8	5411454.6	79933.60156	328.73	0	48.856046	-86.947913	56257.09	56247.1	2.93	56260.02	56257.35938	56310.90378	56276.63672	503820.8	5411454.6
L3820.0	503820.7	5411454.5	79933.70313	328.74	0	48.856045	-86.947913	56257.01	56247.1	2.93	56259.94	56257.33203	56309.96942	56276.44922	503820.7	5411454.5
L3820.0	503820.7	5411454.5	79933.70313	328.74	0	48.856045	-86.947913	56256.96	56247.1	2.93	56259.89	56257.33594	56309.76510	56276.98828	503820.7	5411454.5
L3820.0	503820.7	5411454.4	79933.89844	332.29	0	48.856044	-86.947914	56256.93	56247.1	2.93	56259.87	56257.36719	56310.31826	56278.28125	503820.7	5411454.4
L3820.0	503820.7	5411454.4	79934.00000	332.62	0	48.856044	-86.947914	56256.92	56247.1	2.93	56259.85	56257.39844	56310.99189	56279.69922	503820.7	5411454.4
L3820.0	503820.7	5411454.3	79934.10156	332.33	0	48.856043	-86.947914	56256.70	56247.1	2.93	56259.63	56257.23438	56307.31008	56276.75781	503820.7	5411454.3
L3820.0	503820.6	5411454.1	79934.20313	334.52	0	48.856042	-86.947914	56256.40	56247.1	2.93	56259.33	56256.98438	56301.84017	56272.03125	503820.6	5411454.1
L3820.0	503820.6	5411454.0	79934.29688	333.67	0	48.856040	-86.947915	56256.70	56247.1	2.93	56259.63	56257.33594	56310.10309	56281.03516	503820.6	5411454.0
L3820.0	503820.6	5411454.0	79934.39844	336.05	0	48.856040	-86.947915	56256.68	56247.1	2.93	56259.61	56257.37109	56311.25132	56282.91797	503820.6	5411454.0
L3820.0	503820.6	5411453.8	79934.50000	335.99	0	48.856039	-86.947915	56256.54	56247.1	2.93	56259.47	56257.28125	56309.73620	56282.13672	503820.6	5411453.8
L3820.0	503820.6	5411453.6	79934.60156	334.20	0	48.856037	-86.947915	56256.17	56247.1	2.92	56259.10	56256.96094	56302.90938	56276.04297	503820.6	5411453.6
L3820.0	503820.6	5411453.5	79934.70313	333.51	0	48.856036	-86.947915	56256.22	56247.1	2.92	56259.14	56257.05469	56305.81538	56279.67969	503820.6	5411453.5
L3820.0	503820.6	5411453.5	79934.79688	332.24	0	48.856036	-86.947915	56256.11	56247.1	2.92	56259.03	56256.99609	56305.31858	56279.91016	503820.6	5411453.5
L3820.0	503820.6	5411453.3	79934.89844	333.35	0	48.856034	-86.947915	56255.84	56247.1	2.92	56258.76	56256.77734	56301.12439	56276.43750	503820.6	5411453.3
L3820.0	503820.6	5411453.1	79935.00000	333.14	0	48.856032	-86.947915	56255.68	56247.1	2.92	56258.60	56256.66797	56299.68933	56275.72266	503820.6	5411453.1
L3820.0	503820.6	5411453.1	79935.10156	334.70	0	48.856032	-86.947915	56255.51	56247.1	2.92	56258.43	56256.54688	56298.15601	56274.90625	503820.6	5411453.1
L3820.0	503820.6	5411452.9	79935.20313	334.12	0	48.856030	-86.947915	56255.22	56247.1	2.93	56258.14	56256.30859	56293.85928	56271.32422	503820.6	5411452.9
L3820.0	503820.6	5411452.6	79935.29688	335.67	0	48.856028	-86.947914	56255.12	56247.1	2.93	56258.05	56256.26953	56294.55799	56272.73047	503820.6	5411452.6
L3820.0	503820.6	5411452.3	79935.39844	335.96	0	48.856026	-86.947914	56254.99	56247.1	2.93	56257.92	56256.18750	56294.44411	56273.32031	503820.6	5411452.3
L3820.0	503820.6	5411452.3	79935.50000	334.28	0	48.856026	-86.947914	56254.58	56247.1	2.93	56257.52	56255.83594	56287.91488	56267.48828	503820.6	5411452.3
L3820.0	503820.7	5411452.1	79935.60156	333.94	0	48.856023	-86.947914	56254.18	56247.1	2.94	56257.12	56255.48438	56281.54953	56261.82031	503820.7	5411452.1
L3820.0	503820.7	5411451.9	79935.70313	332.76	0	48.856021	-86.947914	56253.87	56247.1	2.94	56256.81	56255.22266	56277.55633	56258.51563	503820.7	5411451.9
L3820.0	503820.7	5411451.5	79935.70313	332.76	0	48.856018	-86.947913	56253.41	56247.1	2.94	56256.35	56254.81250	56270.08831	56251.73047	503820.7	5411451.5
L3820.0	503820.7	5411451.5	79935.89844	331.28	0	48.856018	-86.947913	56253.25	56247.1	2.95	56256.20	56254.71094	56270.37469	56252.69531	503820.7	5411451.5
L3820.0	503820.8	5411451.1	79936.00000	331.72	0	48.856015	-86.947913	56253.16	56247.1	2.95	56256.11	56254.66797	56272.31144	56255.30469	503820.8	5411451.1
L3820.0	503820.8	5411450.8	79936.10156	334.28	0	48.856011	-86.947912	56253.02	56247.1	2.95	56255.97	56254.57422	56273.21661	56256.87500	503820.8	5411450.8
L3820.0	503820.8	5411450.8	79936.20313	337.07	0	48.856011	-86.947912	56252.57	56247.1	2.94	56255.52	56254.17188	56266.78666	56251.10938	503820.8	5411450.8
L3820.0	503820.9	5411450.4	79936.29688	335.57	0	48.856008	-86.947911	56252.56	56247.1	2.94	56255.50	56254.19531	56270.98508	56255.96094	503820.9	5411450.4
L3820.0	503821.0	5411450.0	79936.39844	335.69	0	48.856004	-86.947910	56252.14	56247.1	2.93	56255.07	56253.81250	56265.45676	56251.07813	503821.0	5411450.0
L3820.0	503821.1	5411449.7	79936.50000	334.46	0	48.856001	-86.947909	56251.94	56247.1	2.93	56254.87	56253.65625	56265.68783	56251.94922	503821.1	5411449.7
L3820.0	503821.1	5411449.7	79936.60156	333.18	0	48.856001	-86.947909	56251.88	56247.1	2.93	56254.81	56253.64063	56269.46658	56256.36328	503821.1	5411449.7
L3820.0	503821.1	5411449.3	79936.70313	336.54	0	48.855998	-86.947908	56251.29	56247.1	2.92	56254.21	56253.08594	56260.50956	56248.03125	503821.1	5411449.3
L3820.0	503821.2	5411448.9	79936.79688	333.49	0	48.855995	-86.947907	56251.13	56247.1	2.92	56254.05	56252.96875	56262.28361	56250.42578	503821.2	5411448.9
L3820.0	503821.3	5411448.3	79936.89844	334.05	0	48.855990	-86.947905	56250.94	56247.1	2.91	56253.85	56252.81250	56263.28774	56252.03906	503821.3	5411448.3

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L3820.0	503821.4	5411447.8	79937.00000	333.27	0	48.855985	-86.947904	56250.71	56247.1	2.91	56253.62	56252.62500	56263.76740	56253.12109	503821.4	5411447.8
L3820.0	503821.4	5411447.8	79937.10156	333.28	0	48.855985	-86.947904	56250.06	56247.1	2.91	56252.97	56252.01563	56254.57054	56244.52344	503821.4	5411447.8
L3820.0	503821.5	5411447.3	79937.20313	332.47	0	48.855981	-86.947903	56249.79	56247.1	2.91	56252.71	56251.79688	56254.76439	56245.30469	503821.5	5411447.3
L3820.0	503821.6	5411446.8	79937.29688	330.44	0	48.855976	-86.947902	56249.27	56247.1	2.91	56252.19	56251.31641	56249.09390	56240.21484	503821.6	5411446.8
L3820.0	503821.7	5411446.3	79937.39844	331.57	0	48.855971	-86.947900	56249.12	56247.1	2.91	56252.04	56251.20703	56252.23753	56243.92578	503821.7	5411446.3
L3820.0	503821.7	5411446.3	79937.50000	331.35	0	48.855971	-86.947900	56248.79	56247.1	2.92	56251.70	56250.90625	56251.15624	56243.41016	503821.7	5411446.3
L3820.0	503821.7	5411445.8	79937.60156	330.34	0	48.855966	-86.947899	56247.98	56247.1	2.92	56250.89	56250.13281	56239.46014	56232.26953	503821.7	5411445.8
L3820.0	503821.8	5411445.2	79937.70313	331.60	0	48.855961	-86.947898	56247.82	56247.1	2.92	56250.74	56250.02344	56243.15792	56236.51563	503821.8	5411445.2
L3820.0	503821.8	5411445.2	79937.70313	331.60	0	48.855961	-86.947898	56247.25	56247.1	2.92	56250.17	56249.48828	56237.41847	56231.31250	503821.8	5411445.2
L3820.0	503821.9	5411444.5	79937.89844	330.36	0	48.855955	-86.947897	56246.86	56247.1	2.92	56249.78	56249.13672	56235.99260	56230.41406	503821.9	5411444.5
L3820.0	503822.0	5411443.9	79938.00000	330.80	0	48.855949	-86.947896	56246.32	56247.1	2.92	56249.24	56248.63281	56231.34443	56226.28516	503822.0	5411443.9
L3820.0	503822.0	5411443.2	79938.10156	331.02	0	48.855944	-86.947896	56246.29	56247.1	2.92	56249.21	56248.63672	56238.44998	56233.90234	503822.0	5411443.2
L3820.0	503822.0	5411443.2	79938.20313	333.73	0	48.855944	-86.947896	56245.70	56247.1	2.92	56248.63	56248.09375	56233.25994	56229.21875	503822.0	5411443.2
L3820.0	503822.1	5411442.3	79938.29688	332.71	0	48.855936	-86.947894	56245.78	56247.1	2.92	56248.70	56248.19531	56242.93712	56239.38672	503822.1	5411442.3
L3820.0	503822.2	5411441.8	79938.39844	332.70	0	48.855931	-86.947894	56246.08	56247.1	2.92	56249.01	56248.53906	56258.17458	56255.10547	503822.2	5411441.8
L3820.0	503822.2	5411441.0	79938.50000	330.70	0	48.855923	-86.947893	56245.83	56247.1	2.93	56248.76	56248.32422	56260.93803	56258.34375	503822.2	5411441.0
L3820.0	503822.2	5411441.0	79938.60156	332.65	0	48.855923	-86.947893	56245.58	56247.1	2.93	56248.50	56248.09375	56263.64935	56261.52344	503822.2	5411441.0
L3820.0	503822.3	5411440.0	79938.70313	331.47	0	48.855915	-86.947892	56245.12	56247.1	2.93	56248.05	56247.67578	56262.25465	56260.58594	503822.3	5411440.0
L3820.0	503822.3	5411439.5	79938.79688	328.47	0	48.855910	-86.947892	56245.22	56247.1	2.93	56248.15	56247.80859	56273.42490	56272.20313	503822.3	5411439.5
L3820.0	503822.3	5411438.8	79938.89844	328.86	0	48.855904	-86.947892	56245.08	56247.1	2.93	56248.01	56247.69922	56279.36765	56278.58594	503822.3	5411438.8
L3820.0	503822.3	5411438.8	79939.00000	329.31	0	48.855904	-86.947892	56245.12	56247.1	2.93	56248.05	56247.76563	56289.55308	56289.19922	503822.3	5411438.8
L3820.0	503822.3	5411438.1	79939.10156	329.73	0	48.855898	-86.947891	56243.81	56247.1	2.93	56246.74	56246.48438	56269.43980	56269.50781	503822.3	5411438.1
L3820.0	503822.3	5411437.5	79939.20313	330.53	0	48.855892	-86.947892	56242.95	56247.1	2.93	56245.87	56245.64453	56259.39379	56259.87109	503822.3	5411437.5
L3820.0	503822.3	5411437.5	79939.29688	332.19	0	48.855892	-86.947892	56242.03	56247.1	2.93	56244.96	56244.76172	56248.57272	56249.45313	503822.3	5411437.5
L3820.0	503822.3	5411436.6	79939.39844	331.23	0	48.855884	-86.947892	56241.44	56247.1	2.93	56244.36	56244.18750	56244.90454	56246.17578	503822.3	5411436.6
L3820.0	503822.3	5411435.8	79939.39844	331.23	0	48.855877	-86.947892	56241.06	56247.1	2.93	56243.99	56243.84375	56246.60187	56248.25391	503822.3	5411435.8
L3820.0	503822.3	5411435.8	79939.60156	331.48	0	48.855877	-86.947892	56240.39	56247.1	2.92	56243.32	56243.19922	56241.62068	56243.64844	503822.3	5411435.8
L3820.0	503822.2	5411435.1	79939.70313	331.48	0	48.855870	-86.947893	56240.70	56247.1	2.92	56243.62	56243.52344	56258.90329	56261.29688	503822.2	5411435.1
L3820.0	503822.2	5411434.4	79939.70313	331.52	0	48.855864	-86.947893	56240.68	56247.1	2.92	56243.60	56243.52734	56269.08561	56271.83203	503822.2	5411434.4
L3820.0	503822.2	5411433.5	79939.79688	331.66	0	48.855856	-86.947894	56240.34	56247.1	2.92	56243.27	56243.22266	56272.34814	56275.44141	503822.2	5411433.5
L3820.0	503822.2	5411433.5	79939.89844	332.37	0	48.855856	-86.947894	56239.33	56247.1	2.92	56242.25	56242.22266	56259.89553	56263.32422	503822.2	5411433.5
L3820.0	503822.1	5411432.5	79940.00000	331.01	0	48.855847	-86.947895	56238.87	56247.1	2.92	56241.79	56241.78516	56260.42192	56264.17969	503822.1	5411432.5
L3820.0	503822.1	5411432.5	79940.20313	332.01	0	48.855847	-86.947895	56238.22	56247.1	2.92	56241.14	56241.15625	56256.68151	56260.76172	503822.1	5411432.5
L3820.0	503822.0	5411431.6	79940.20313	332.13	0	48.855839	-86.947896	56237.84	56247.1	2.92	56240.76	56240.79688	56259.30556	56263.69531	503822.0	5411431.6
L3820.0	503822.0	5411430.5	79940.29688	333.03	0	48.855829	-86.947896	56237.41	56247.1	2.91	56240.32	56240.37891	56260.66323	56265.35156	503822.0	5411430.5
L3820.0	503821.9	5411429.7	79940.50000	334.87	0	48.855822	-86.947897	56237.03	56247.1	2.91	56239.94	56240.01563	56263.53885	56268.52344	503821.9	5411429.7
L3820.0	503821.9	5411429.7	79940.60156	335.08	0	48.855822	-86.947897	56236.42	56247.1	2.91	56239.33	56239.42578	56261.14118	56266.41016	503821.9	5411429.7
L3820.0	503821.8	5411428.6	79940.70313	332.95	0	48.855812	-86.947898	56235.91	56247.1	2.91	56238.81	56238.92578	56260.93669	56266.48047	503821.8	5411428.6
L3820.0	503821.8	5411428.6	79940.79688	333.00	0	48.855812	-86.947898	56235.04	56247.1	2.90	56237.94	56238.07031	56252.56431	56258.37500	503821.8	5411428.6
L3820.0	503821.8	5411427.7	79940.89844	334.23	0	48.855804	-86.947899	56234.20	56247.1	2.90	56237.10	56237.25000	56244.93563	56251.00391	503821.8	5411427.7
L3820.0	503821.7	5411426.9	79941.00000	333.49	0	48.855797	-86.947900	56233.82	56247.1	2.90	56236.72	56236.88281	56248.23575	56254.55469	503821.7	5411426.9
L3820.0	503821.7	5411426.9	79941.10156	332.54	0	48.855797	-86.947900	56233.37	56247.1	2.90	56236.27	56236.44922	56249.94958	56256.51172	503821.7	5411426.9
L3820.0	503821.7	5411426.0	79941.20313	332.54	0	48.855789	-86.947901	56232.52	56247.1	2.90	56235.42	56235.61328	56242.22704	56249.02344	503821.7	5411426.0
L3820.0	503821.6	5411425.1	79941.29688	335.01	0	48.855781	-86.947901	56231.79	56247.1	2.90	56234.69	56234.89844	56237.38982	56244.41406	503821.6	5411425.1
L3820.0	503821.6	5411423.8	79941.39844	334.56	0	48.855769	-86.947902	56231.48	56247.1	2.90	56234.38	56234.60156	56242.56462	56249.80859	503821.6	5411423.8
L3820.0	503821.5	5411422.9	79941.50000	334.82	0	48.855760	-86.947903	56230.92	56247.1	2.90	56233.82	56234.05469	56241.83288	56249.28516	503821.5	5411422.9
L3820.0	503821.5	5411422.9	79941.60156	335.21	0	48.855760	-86.947903	56230.14	56247.1	2.90	56233.04	56233.28906	56235.90615	56243.56250	503821.5	5411422.9
L3820.0	503821.5	5411421.9	79941.70313	334.41	0	48.855752	-86.947903	56229.70	56247.1	2.90	56232.60	56232.85938	56238.05821	56245.91016	503821.5	5411421.9
L3820.0	503821.4	5411421.0	79941.70313	334.41	0	48.855744	-86.947904	56229.06	56247.1	2.90	56231.96	56232.23438	56235.48004	56243.51953	503821.4	5411421.0
L3820.0	503821.4	5411421.0	79941.89844	332.83	0	48.855744	-86.947904	56228.40	56247.1	2.90	56231.30	56231.58203	56232.43631	56240.65625	503821.4	5411421.0
L3820.0	503821.4	5411419.9	79942.00000	330.74	0	48.855734	-86.947904	56227.36	56247.1	2.90	56230.26	56230.55469	56220.46072	56228.85156	503821.4	5411419.9
L3820.0	503821.4	5411418.8	79942.10156	331.17	0	48.855724	-86.947905	56226.74	56247.1	2.90	56229.64	56229.94531	56218.38086	56226.94141	503821.4	5411418.8
L3820.0	503821.4	5411418.8	79942.20313	331.42	0	48.855724	-86.947905	56225.90	56247.1	2.90	56228.79	56229.10156	56210.91604	56219.63281	503821.4	5411418.8
L3820.0	503821.3	5411417.9	79942.29688	332.81	0	48.855716	-86.947905	56225.72	56247.1	2.89	56228.61	56228.93359	56219.05556	56227.92578	503821.3	5411417.9
L3820.0	503821.3	5411417.1	79942.39844	332.89	0	48.855709	-86.947906	56224.75	56247.1	2.89	56227.65	56227.98047	56209.01264	56218.02734	503821.3	5411417.1
L3820.0	503821.3	5411416.0	79942.50000	332.62	0	48.855699	-86.947906	56224.66	56247.1	2.89	56227.55	56227.88672	56218.83099	56227.98438	503821.3	5411416.0
L3820.0	503821.2	5411415.2	79942.60156	331.60	0	48.855691	-86.947907	56223.78	56247.1	2.89	56226.67	56227.01563	56210.58486	56219.87109	503821.2	5411415.2
L3820.0	503821.2	5411415.2	79942.70313	330.71	0	48.855691	-86.947907	56223.40	56247.1	2.89	56226.28	56226.63281	56213.53033	56222.94141	503821.2	5411415.2
L3820.0	503821.2	5411414.0	79942.79688	330.65	0	48.855681	-86.947907	56222.56	56247.1	2.88	56225.44	56225.79688	56206.11994	56215.65234	503821.2	5411414.0
L3820.0	503821.2	5411413.3	79942.89844	331.97	0	48.855675	-86.947908	56221.78	56247.1	2.88	56224.66	56225.02344	56200.02851	56209.67578	503821.2	5411413.3
L3820.0	503821.1	5411412.3	79943.00000	333.28	0	48.855665	-86.947908	56221.23	56247.1	2.88	56224.11	56224.48047	56199.05840	56208.81250	503821.1	5411412.3
L3820.0	503821.1	5411412.3	79943.10156	334.07	0	48.855665	-86.947908	56220.31	56247.1	2.88	56223.19	56223.56641	56189.64845	56199.50391	503821.1	5411412.3
L3820.0	503821.1	5411411.3	79943.20313	333.21	0	48.855656	-86.947909	56219.95	56247.1	2.89	56222.84	56223.21875	56192.93312	56202.88281	503821.1	5411411.3
L3820.0	503821.0	5411410.3	79943.29688	335.04	0	48.855647	-86.947909	56219.18	56247.1	2.89	56222.07	56222.45313	56186.66262	56196.70313	503821.0	5411410.3
L3820.0	503821.0	5411409.0	79943.39844	331.78	0	48.855635	-86.947910	56219.04	56247.1	2.90	56221.93	56222.31641	56194.30829	56204.43359	503821.0	5411409.0
L3820.0	503821.0	5411407.8	79943.50000	331.26	0	48.855625	-86.947911	56218.07	56247.1	2.90	56220.97	56221.35938	56183.51297	56193.71484	503821.0	5411407.8
L3820.0	503821.0	5411407.8	79943.60156	330.38	0	48.855625	-86.947911	56218.01	56247.1	2.90	56220.92	56221.31250	56192.78717	56203.06250	503821.0	5411407.8
L3820.0	503821.0	5411407.8	79943.70313	329.05	0	48.855625	-86.947911	56217.30	56247.1	2.91	56220.20	56220.59375	56186.99711	56197.34375	503821.0	5411407.8
L3820.0	503820.9	5411406.6	79943.70313	329.05	0	48.855614	-86.947911	56216.89	56247.1	2.91	56219.80	56220.19531	56188.11616	56198.52344	503820.9	5411406.6
L3820.0	503820.9	5411405.7	79943.89844	329.68	0	48.855606	-86.947911	56216.40	56247.1	2.92	56219.31	56219.70703	56187.04620	56197.51172	503820.9	5411405.7
L3820.0	503820.9	5411404.4	79944.00000	329.64	0	48.855594	-86.947911	56215.72	56247.1	2.92	56218.64	56219.03906	56181.80535	56192.32422	503820.9	5411404.4
L3820.0	503820.9	5411404.4	79944.10156	330.00	0	48.855594	-86.947911	56215.43	56247.1	2.92	56218.35	56218.75000	56184.73420	56195.30078	503820.9	5411404.4
L3820.0	503820.9	5411403.3	79944.20313	330.25	0	48.855585	-86.947912	56214.44	56247.1	2.91	56217.35	56217.75000	56171.83004	56182.44141	503820.9	5411403.3
L3820.0	503820.9	5411402.0	79944.29688	331.98	0	48.855573	-86.947912	56214.21	56247.1	2.91	56217.12	56217.52344	56175.63211	56186.28516	503820.9	5411402.0
L3820.0	503820.9	5411402.0	79944.39844	331.03	0	48.855573	-86.947912	56213.02	56247.1	2.91	56215.93	56216.33203	56158.17371	56168.85938	503820.9	5411402.0
L3820.0	503820.9	5411400.7	79944.50000	332.00	0	48.855561	-86.947912	56212.70	56247.1	2.90	56215.60	56216.00000	56159.32066	56170.03906	503820.9	5411400.7
L3820.0	503820.8	5411399.7	79944.60156	331.91	0	48.855552	-86.947912	56212.02	56247.1	2.90	56214.92	56215.32031	56152.58029	56163.32422	503820.8	5411399.7
L3820.0	503820.8	5411398.7	79944.70313	331.42	0	48.855543	-86.947912	56211.85	56247.1	2.90	56214.75	56215.14844	56156.68615	56167.44922	503820.8	5411398.7
L3820.0	503820.8	5411397.6	79944.79688	330.16	0	48.855533	-86.947912	56211.01	56247.1	2.90	56213.91	56214.30859	56145.96972	56156.75391	503820.8	5411397.6
L3820.0	503820.8	5411397.6	79944.89844	328.46	0	48.855533	-86.947912	56210.44	56247.1	2.89	56213.33	56213.72656	56140.63850	56151.43750	503820.8	5411397.6
L3820.0	503820.8	5411396.5	79945.00000	330.34	0	48.855523	-86.947912	56209.84	56247.1	2.89	56212.73	56213.12500	56134.60205	56145.41016	503820.8	5411396.5
L3820.0	503820.8	5411396.5	79945.10156	329.96	0	48.855523	-86.947912	56209.78	56247.1	2.89	56212.67	56213.06250	56139.90908	56150.72266	503820.8	5411396.5
L3820.0	503820.9	5411394.8	79945.20313	329.13	0	48.855508	-86.947912	56209.69	56247.1	2.89	56212.57	56212.95703	56144.01597	56154.83203	503820.9	5411394.8
L3820.0	503820.9	5411393.7	79945.29688	328.83	0	48.855498	-86.947912	56209.43	56247.1	2.88	56212.32	56212.70703	56144.56368	56155.37891	503820.9	5411393.7
L3820.0	503820.9	5411392.2	79945.39844	325.87	0	48.855485	-86.947912	56209.06	56247.1	2.88	56211.94	56212.32422	56141.99525	56152.80469	503820.9	5411392.2
L3820.0	503820.9	5411392.2	79945.50000	325.90	0	48.855485	-86.947912	56208.09	56247.1	2.88	56210.97	56211.35156	56126.49587	56137.29688	503820.9	5411392.2
L3820.0	503820.9	5411391.3	79945.60156	324.12	0	48.855477	-86.947911	56208.12	56247.1	2.88	56211.00	56211.37500	56132.01000	56142.80078	503820.9	5411391.3
L3820.0	503820.9	5411390.0	79945.70313	325.93	0	48.855465	-86.947911	56207.48	56247.1	2.88	56210.35	56210.72266	56122.66530	56133.43750	503820.9	5411390.0
L3820.0	503820.9	5411390.0	79945.70313	325.93	0	48.855465	-86.947911	56207.21	56247.1	2.88	56210.09	56210.45703	56121.25271	56132.00781	503820.9	5411390.0
L3820.0	503820.9	5411388.4	79945.89844	326.06	0	48.855451	-86.947911	56206.40	56247.1	2.87	56209.27	56209.63281	56107.54465	56118.27734	503820.9	5411388.4
L3820.0	503821.0	5411387.3	79946.00000	329.54	0	48.855440	-86.947911	56206.36	56247.1	2.87	56209.23	56209.58984	56110.00318	56120.71094	503821.0	5411387.3
L3820.0	503821.0	5411387.3	79946.10156	328.84	0	48.855440	-86.947911	56206.09	56247.1	2.87	56208.97	56209.32422	56107.36644	56118.04688	503821.0	5411387.3
L3820.0	503821.0	5411385.6	79946.20313	330.61	0	48.855425	-86.947910	56205.89	56247.1	2.87	56208.77	56209.12109	56105.57509	56116.22266	503821.0	5411385.6

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L3820.0	503821.0	5411384.3	79946.29688	329.84	0	48.855414	-86.947910	56205.64	56247.1	2.88	56208.52	56208.86328	56102.28281	56112.89844	503821.0	5411384.3
L3820.0	503821.0	5411383.5	79946.39844	329.59	0	48.855406	-86.947910	56205.20	56247.1	2.88	56208.07	56208.41016	56094.27837	56104.85547	503821.0	5411383.5
L3820.0	503821.1	5411381.7	79946.50000	328.93	0	48.855390	-86.947909	56205.16	56247.1	2.88	56208.04	56208.37500	56094.78107	56105.32031	503821.1	5411381.7
L3820.0	503821.1	5411381.7	79946.60156	329.79	0	48.855390	-86.947909	56205.11	56247.1	2.88	56207.99	56208.31641	56094.42615	56104.92188	503821.1	5411381.7
L3820.0	503821.1	5411380.3	79946.70313	331.67	0	48.855378	-86.947909	56205.20	56247.1	2.88	56208.09	56208.41016	56096.86625	56107.31641	503821.1	5411380.3
L3820.0	503821.1	5411379.1	79946.79688	331.08	0	48.855367	-86.947909	56204.68	56247.1	2.89	56207.57	56207.88672	56085.55213	56095.95313	503821.1	5411379.1
L3820.0	503821.1	5411377.5	79946.89844	330.73	0	48.855353	-86.947908	56205.13	56247.1	2.89	56208.02	56208.32813	56094.70661	56105.05859	503821.1	5411377.5
L3820.0	503821.1	5411377.5	79947.00000	329.31	0	48.855353	-86.947908	56205.11	56247.1	2.89	56208.00	56208.30469	56093.33292	56103.62891	503821.1	5411377.5
L3820.0	503821.1	5411376.2	79947.10156	328.50	0	48.855341	-86.947908	56205.31	56247.1	2.89	56208.20	56208.49609	56096.32564	56106.56641	503821.1	5411376.2
L3820.0	503821.2	5411375.0	79947.20313	329.64	0	48.855330	-86.947908	56205.54	56247.1	2.89	56208.42	56208.71094	56099.36848	56109.55078	503821.2	5411375.0
L3820.0	503821.2	5411375.0	79947.29688	330.42	0	48.855330	-86.947908	56205.61	56247.1	2.89	56208.50	56208.78125	56098.97976	56109.09766	503821.2	5411375.0
L3820.0	503821.2	5411373.5	79947.39844	331.76	0	48.855316	-86.947908	56205.33	56247.1	2.89	56208.22	56208.49609	56090.34631	56100.40234	503821.2	5411373.5
L3820.0	503821.2	5411372.4	79947.50000	331.09	0	48.855307	-86.947908	56205.39	56247.1	2.89	56208.28	56208.55078	56088.71686	56098.70703	503821.2	5411372.4
L3820.0	503821.2	5411372.4	79947.60156	329.48	0	48.855307	-86.947908	56206.12	56247.1	2.88	56209.00	56209.26172	56101.10763	56111.02734	503821.2	5411372.4
L3820.0	503821.2	5411371.1	79947.70313	330.67	0	48.855294	-86.947908	56206.52	56247.1	2.88	56209.40	56209.65625	56106.12901	56115.97656	503821.2	5411371.1
L3820.0	503821.2	5411369.8	79947.70313	330.67	0	48.855283	-86.947907	56206.78	56247.1	2.88	56209.66	56209.90625	56107.70472	56117.48047	503821.2	5411369.8
L3820.0	503821.2	5411368.6	79947.89844	330.28	0	48.855272	-86.947907	56206.73	56247.1	2.88	56209.61	56209.84766	56102.11948	56111.82031	503821.2	5411368.6
L3820.0	503821.2	5411367.1	79948.00000	329.88	0	48.855259	-86.947907	56206.87	56247.1	2.88	56209.75	56209.98047	56100.30588	56109.92969	503821.2	5411367.1
L3820.0	503821.2	5411367.1	79948.10156	330.09	0	48.855259	-86.947907	56207.49	56247.1	2.88	56210.37	56210.59375	56108.58127	56118.12500	503821.2	5411367.1
L3820.0	503821.3	5411365.7	79948.20313	331.95	0	48.855246	-86.947907	56207.76	56247.1	2.88	56210.64	56210.85547	56108.82836	56118.28906	503821.3	5411365.7
L3820.0	503821.3	5411364.3	79948.29688	330.89	0	48.855233	-86.947907	56208.19	56247.1	2.88	56211.07	56211.27734	56112.16849	56121.54688	503821.3	5411364.3
L3820.0	503821.3	5411364.3	79948.39844	330.52	0	48.855233	-86.947907	56208.52	56247.1	2.88	56211.40	56211.60156	56112.94234	56122.23438	503821.3	5411364.3
L3820.0	503821.3	5411362.6	79948.50000	330.69	0	48.855218	-86.947907	56209.08	56247.1	2.88	56211.95	56212.14063	56118.08788	56127.29297	503821.3	5411362.6
L3820.0	503821.3	5411361.2	79948.60156	331.65	0	48.855206	-86.947906	56209.31	56247.1	2.87	56212.18	56212.36328	56115.91771	56125.03125	503821.3	5411361.2
L3820.0	503821.3	5411361.2	79948.70313	329.83	0	48.855206	-86.947906	56210.08	56247.1	2.87	56212.96	56213.13672	56125.20682	56134.22656	503821.3	5411361.2
L3820.0	503821.3	5411360.1	79948.79688	327.74	0	48.855196	-86.947906	56210.27	56247.1	2.87	56213.15	56213.31641	56121.40280	56130.32813	503821.3	5411360.1
L3820.0	503821.3	5411358.4	79948.89844	327.78	0	48.855181	-86.947906	56210.92	56247.1	2.87	56213.79	56213.94922	56126.85828	56135.68750	503821.3	5411358.4
L3820.0	503821.3	5411358.4	79949.00000	327.73	0	48.855181	-86.947906	56211.31	56247.1	2.87	56214.18	56214.33203	56126.56599	56135.30078	503821.3	5411358.4
L3820.0	503821.3	5411356.9	79949.10156	327.57	0	48.855167	-86.947906	56211.98	56247.1	2.87	56214.85	56214.99219	56131.83911	56140.47266	503821.3	5411356.9
L3820.0	503821.3	5411355.7	79949.20313	328.83	0	48.855156	-86.947906	56212.32	56247.1	2.87	56215.19	56215.32422	56129.70113	56138.23047	503821.3	5411355.7
L3820.0	503821.3	5411355.7	79949.29688	327.71	0	48.855156	-86.947906	56212.91	56247.1	2.87	56215.79	56215.91406	56132.68179	56141.10938	503821.3	5411355.7
L3820.0	503821.4	5411354.5	79949.39844	328.32	0	48.855145	-86.947906	56213.58	56247.1	2.87	56216.45	56216.56641	56136.52614	56144.84766	503821.4	5411354.5
L3820.0	503821.4	5411353.1	79949.50000	329.69	0	48.855133	-86.947905	56214.01	56247.1	2.88	56216.88	56216.98828	56135.12926	56143.34766	503821.4	5411353.1
L3820.0	503821.4	5411351.5	79949.60156	327.93	0	48.855119	-86.947905	56214.80	56247.1	2.88	56217.67	56217.76953	56140.92288	56149.03125	503821.4	5411351.5
L3820.0	503821.4	5411351.5	79949.70313	327.83	0	48.855119	-86.947905	56215.18	56247.1	2.88	56218.06	56218.14844	56137.93085	56145.92969	503821.4	5411351.5
L3820.0	503821.4	5411350.0	79949.70313	327.83	0	48.855105	-86.947905	56216.23	56247.1	2.88	56219.11	56219.19141	56148.42096	56156.30859	503821.4	5411350.0
L3820.0	503821.4	5411348.5	79949.89844	327.20	0	48.855091	-86.947905	56216.88	56247.1	2.88	56219.76	56219.83203	56150.15172	56157.92578	503821.4	5411348.5
L3820.0	503821.4	5411347.6	79950.00000	328.51	0	48.855084	-86.947905	56217.92	56247.1	2.88	56220.80	56220.86328	56159.71254	56167.37109	503821.4	5411347.6
L3820.0	503821.4	5411347.6	79950.10156	327.69	0	48.855084	-86.947905	56218.49	56247.1	2.88	56221.37	56221.42578	56159.07379	56166.61719	503821.4	5411347.6
L3820.0	503821.4	5411346.1	79950.20313	328.83	0	48.855070	-86.947905	56219.22	56247.1	2.87	56222.09	56222.13672	56161.25409	56168.67969	503821.4	5411346.1
L3820.0	503821.4	5411344.9	79950.29688	329.47	0	48.855059	-86.947904	56219.93	56247.1	2.87	56222.80	56222.83594	56162.90441	56170.21094	503821.4	5411344.9
L3820.0	503821.4	5411343.7	79950.39844	330.85	0	48.855049	-86.947904	56220.69	56247.1	2.87	56223.56	56223.58984	56165.29812	56172.48438	503821.4	5411343.7
L3820.0	503821.4	5411343.7	79950.50000	329.35	0	48.855049	-86.947904	56221.62	56247.1	2.86	56224.49	56224.51172	56170.99149	56178.05859	503821.4	5411343.7
L3820.0	503821.4	5411342.2	79950.60156	328.65	0	48.855035	-86.947904	56222.34	56247.1	2.86	56225.21	56225.22266	56171.96877	56178.91406	503821.4	5411342.2
L3820.0	503821.4	5411342.2	79950.70313	329.98	0	48.855035	-86.947904	56223.41	56247.1	2.86	56226.26	56226.26172	56179.68932	56186.50781	503821.4	5411342.2
L3820.0	503821.5	5411340.5	79950.79688	328.04	0	48.855019	-86.947904	56223.98	56247.1	2.86	56226.83	56226.82422	56176.95143	56183.64453	503821.5	5411340.5
L3820.0	503821.5	5411339.0	79950.89844	327.50	0	48.855006	-86.947904	56225.01	56247.1	2.85	56227.86	56227.84375	56183.78204	56190.35156	503821.5	5411339.0
L3820.0	503821.5	5411337.7	79951.00000	329.15	0	48.854994	-86.947904	56225.85	56247.2	2.85	56228.70	56228.67578	56186.33249	56192.77344	503821.5	5411337.7
L3820.0	503821.5	5411336.1	79951.10156	328.14	0	48.854980	-86.947904	56226.71	56247.1	2.85	56229.57	56229.53906	56189.30883	56195.62109	503821.5	5411336.1
L3820.0	503821.5	5411336.1	79951.20313	329.69	0	48.854980	-86.947904	56227.48	56247.1	2.85	56230.34	56230.30078	56189.91784	56196.10156	503821.5	5411336.1
L3820.0	503821.5	5411334.8	79951.29688	330.90	0	48.854968	-86.947904	56228.24	56247.1	2.85	56231.09	56231.03906	56189.88058	56195.93359	503821.5	5411334.8
L3820.0	503821.5	5411333.3	79951.39844	330.23	0	48.854955	-86.947904	56229.33	56247.1	2.85	56232.18	56232.12109	56197.02364	56202.94531	503821.5	5411333.3
L3820.0	503821.5	5411332.0	79951.50000	330.34	0	48.854943	-86.947904	56230.26	56247.1	2.85	56233.11	56233.04297	56200.52490	56206.31250	503821.5	5411332.0
L3820.0	503821.5	5411332.0	79951.60156	330.61	0	48.854943	-86.947904	56231.16	56247.1	2.86	56234.02	56233.94531	56203.42170	56209.07813	503821.5	5411332.0
L3820.0	503821.5	5411330.9	79951.70313	329.89	0	48.854933	-86.947903	56231.97	56247.1	2.86	56234.83	56234.74609	56203.96492	56209.48438	503821.5	5411330.9
L3820.0	503821.5	5411329.4	79951.70313	329.89	0	48.854919	-86.947903	56233.05	56247.1	2.86	56235.91	56235.82031	56210.28527	56215.67188	503821.5	5411329.4
L3820.0	503821.6	5411328.3	79951.89844	330.30	0	48.854910	-86.947903	56233.96	56247.1	2.86	56236.82	56236.71875	56212.73397	56217.98438	503821.6	5411328.3
L3820.0	503821.6	5411328.3	79952.00000	330.86	0	48.854910	-86.947903	56234.70	56247.1	2.86	56237.56	56237.45313	56211.28828	56216.40625	503821.6	5411328.3
L3820.0	503821.6	5411326.7	79952.10156	329.40	0	48.854895	-86.947903	56235.34	56247.1	2.86	56238.20	56238.08594	56207.48077	56212.46094	503821.6	5411326.7
L3820.0	503821.6	5411325.5	79952.20313	329.58	0	48.854884	-86.947902	56236.34	56247.1	2.86	56239.20	56239.07813	56211.53423	56216.37500	503821.6	5411325.5
L3820.0	503821.6	5411323.9	79952.29688	328.28	0	48.854870	-86.947902	56237.08	56247.1	2.85	56239.93	56239.79688	56209.47719	56214.17969	503821.6	5411323.9
L3820.0	503821.6	5411323.9	79952.39844	329.44	0	48.854870	-86.947902	56238.17	56247.1	2.85	56241.02	56240.87891	56215.34432	56219.91016	503821.6	5411323.9
L3820.0	503821.6	5411322.4	79952.50000	329.53	0	48.854857	-86.947902	56239.27	56247.2	2.85	56242.12	56241.97266	56221.36066	56225.78906	503821.6	5411322.4
L3820.0	503821.6	5411320.9	79952.60156	331.05	0	48.854843	-86.947902	56240.42	56247.2	2.85	56243.27	56243.11719	56228.42617	56232.71875	503821.6	5411320.9
L3820.0	503821.6	5411319.3	79952.70313	332.79	0	48.854829	-86.947902	56241.69	56247.2	2.85	56244.54	56244.37891	56238.11402	56242.26563	503821.6	5411319.3
L3820.0	503821.6	5411319.3	79952.79688	333.23	0	48.854829	-86.947902	56242.31	56247.2	2.84	56245.16	56244.98828	56233.19074	56237.20313	503821.6	5411319.3
L3820.0	503821.7	5411318.1	79952.89844	332.81	0	48.854818	-86.947902	56243.13	56247.2	2.84	56245.97	56245.79297	56232.46310	56236.33594	503821.7	5411318.1
L3820.0	503821.7	5411318.1	79953.00000	333.55	0	48.854818	-86.947902	56244.25	56247.2	2.84	56247.09	56246.90625	56238.62740	56242.36328	503821.7	5411318.1
L3820.0	503821.7	5411316.5	79953.10156	332.13	0	48.854803	-86.947902	56245.35	56247.2	2.84	56248.19	56248.00000	56244.30000	56247.89844	503821.7	5411316.5
L3820.0	503821.7	5411314.9	79953.20313	331.60	0	48.854789	-86.947902	56246.11	56247.2	2.85	56248.96	56248.76172	56242.55929	56246.01563	503821.7	5411314.9
L3820.0	503821.7	5411313.6	79953.29688	332.87	0	48.854778	-86.947902	56246.72	56247.2	2.85	56249.57	56249.36328	56237.23220	56240.55078	503821.7	5411313.6
L3820.0	503821.7	5411313.6	79953.39844	331.69	0	48.854778	-86.947902	56247.77	56247.1	2.85	56250.63	56250.41797	56241.93663	56245.11719	503821.7	5411313.6
L3820.0	503821.7	5411312.1	79953.50000	332.00	0	48.854764	-86.947901	56248.64	56247.1	2.85	56251.50	56251.28125	56242.39818	56245.44141	503821.7	5411312.1
L3820.0	503821.7	5411310.6	79953.60156	330.60	0	48.854750	-86.947901	56249.32	56247.1	2.86	56252.18	56251.95313	56238.65060	56241.55859	503821.7	5411310.6
L3820.0	503821.7	5411310.6	79953.70313	330.44	0	48.854750	-86.947901	56250.13	56247.1	2.86	56252.99	56252.75781	56237.81466	56240.58594	503821.7	5411310.6
L3820.0	503821.7	5411309.1	79953.70313	330.44	0	48.854737	-86.947901	56250.98	56247.1	2.86	56253.84	56253.60156	56237.89069	56240.52344	503821.7	5411309.1
L3820.0	503821.7	5411309.1	79953.89844	329.91	0	48.854737	-86.947901	56252.29	56247.1	2.87	56255.16	56254.91406	56248.33404	56250.83203	503821.7	5411309.1
L3820.0	503821.7	5411307.4	79954.00000	328.29	0	48.854722	-86.947901	56253.43	56247.1	2.87	56256.30	56256.05078	56254.80256	56257.16406	503821.7	5411307.4
L3820.0	503821.7	5411305.9	79954.10156	328.86	0	48.854708	-86.947901	56254.64	56247.1	2.87	56257.50	56257.24609	56262.58156	56264.81250	503821.7	5411305.9
L3820.0	503821.7	5411304.5	79954.20313	328.29	0	48.854696	-86.947901	56255.28	56247.1	2.86	56258.14	56257.87891	56258.16616	56260.26172	503821.7	5411304.5
L3820.0	503821.7	5411304.5	79954.29688	330.37	0	48.854696	-86.947901	56256.46	56247.1	2.86	56259.32	56259.05469	56265.55074	56267.51172	503821.7	5411304.5
L3820.0	503821.7	5411302.9	79954.39844	329.46	0	48.854681	-86.947901	56256.75	56247.1	2.85	56259.61	56259.33594	56253.70735	56255.53906	503821.7	5411302.9
L3820.0	503821.7	5411301.2	79954.50000	330.40	0	48.854666	-86.947902	56257.59	56247.2	2.85	56260.44	56260.16406	56253.64487	56255.34766	503821.7	5411301.2
L3820.0	503821.7	5411300.2	79954.60156	329.93	0	48.854657	-86.947902	56258.29	56247.2	2.85	56261.14	56260.85938	56250.86242	56252.43359	503821.7	5411300.2
L3820.0	503821.7	5411300.2	79954.70313	329.46	0	48.854657	-86.947902	56258.96	56247.2	2.84	56261.81	56261.52344	56247.53109	56248.97656	503821.7	5411300.2
L3820.0	503821.7	5411298.9	79954.79688	328.86	0	48.854645	-86.947902	56260.05	56247.2	2.84	56262.89	56262.59766	56253.05256	56254.36719	503821.7	5411298.9
L3820.0	503821.7	5411298.9	79954.89844	327.50	0	48.854645	-86.947902	56261.05	56247.2	2.83	56263.88	56263.58203	56256.71202	56257.90234	503821.7	5411298.9
L3820.0	503821.7	5411297.0	79955.00000	328.94	0	48.854628	-86.947902	56262.13	56247.2	2.83	56264.96	56264.66016	56262.35226	56263.41797	503821.7	5411297.0
L3820.0	503821.6	5411295.8	79955.10156	329.53	0	48.854618	-86.947902	56262.83	56247.2	2.83	56265.66	56265.35547	56260.00950	56260.95313	503821.6	5411295.8
L3820.0	503821.6	5411294.5	79955.20313	330.44	0	48.854606	-86.947902	56264.01	56247.2	2.83	56266.84	56266.53125	56267.91902	56268.74219	503821.6	5411294.5
L3820.0	503821.6	5411294.5	79955.29688	328.87	0	48.854606	-86.947902	56264.82	56247.2	2.83	56267.65	56267.33594	56268.09345	56268.79297	503821.6	5411294.5
L3820.0	503821.6	5411293.0	79955.39844	329.36	0	48.854592	-86.947903	56265.91	56247.2	2.83	56268.75	56268.43359	56274.47920	56275.05859	503821.6	5411293.0
L3820.0	503821.6	5411291.4	79955.50000	328.74	0	48.854578	-86.947903	56266.48	56247.2	2.83	56269.32	56269.00000	56269.80965	56270.27344	503821.6	5411291.4

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L3820.0	503821.6	5411290.1	79955.60156	328.88	0	48.854566	-86.947903	56267.34	56247.2	2.84	56270.18	56269.85547	56271.35448	56271.70313	503821.6	5411290.1
L3820.0	503821.6	5411290.1	79955.70313	328.21	0	48.854566	-86.947903	56268.32	56247.2	2.84	56271.15	56270.82422	56275.32140	56275.55469	503821.6	5411290.1
L3820.0	503821.6	5411288.7	79955.70313	328.21	0	48.854553	-86.947903	56269.62	56247.2	2.84	56272.45	56272.12109	56286.33939	56286.46094	503821.6	5411288.7
L3820.0	503821.6	5411287.3	79955.89844	328.89	0	48.854541	-86.947903	56270.23	56247.2	2.84	56273.07	56272.73828	56283.19621	56283.20703	503821.6	5411287.3
L3820.0	503821.6	5411285.9	79956.00000	327.73	0	48.854528	-86.947903	56270.77	56247.2	2.84	56273.61	56273.27344	56278.48517	56278.38672	503821.6	5411285.9
L3820.0	503821.6	5411285.9	79956.10156	327.38	0	48.854528	-86.947903	56271.27	56247.2	2.84	56274.10	56273.76172	56272.82147	56272.61719	503821.6	5411285.9
L3820.0	503821.6	5411284.7	79956.20313	328.82	0	48.854517	-86.947903	56271.95	56247.2	2.84	56274.78	56274.44141	56271.27130	56270.96094	503821.6	5411284.7
L3820.0	503821.5	5411283.2	79956.29688	327.68	0	48.854504	-86.947904	56273.64	56247.2	2.83	56276.47	56276.12891	56291.31421	56290.90234	503821.5	5411283.2
L3820.0	503821.5	5411283.2	79956.39844	328.65	0	48.854504	-86.947904	56274.08	56247.2	2.83	56276.91	56276.56641	56284.94795	56284.43359	503821.5	5411283.2
L3820.0	503821.5	5411281.7	79956.50000	328.25	0	48.854490	-86.947904	56275.02	56247.2	2.83	56277.85	56277.50391	56289.38273	56288.76953	503821.5	5411281.7
L3820.0	503821.5	5411279.6	79956.60156	328.60	0	48.854472	-86.947904	56275.49	56247.2	2.83	56278.32	56277.97266	56283.85686	56283.14453	503821.5	5411279.6
L3820.0	503821.5	5411279.6	79956.70313	329.71	0	48.854472	-86.947904	56276.56	56247.2	2.83	56279.39	56279.04297	56291.40506	56290.59766	503821.5	5411279.6
L3820.0	503821.5	5411278.4	79956.79688	328.29	0	48.854461	-86.947904	56277.22	56247.2	2.82	56280.04	56279.69141	56290.01625	56289.11328	503821.5	5411278.4
L3820.0	503821.5	5411277.0	79956.89844	328.97	0	48.854448	-86.947904	56277.81	56247.2	2.82	56280.63	56280.28125	56287.43402	56286.44141	503821.5	5411277.0
L3820.0	503821.5	5411275.6	79957.00000	329.59	0	48.854436	-86.947904	56279.03	56247.2	2.82	56281.85	56281.50000	56298.80177	56297.71875	503821.5	5411275.6
L3820.0	503821.5	5411275.6	79957.10156	330.19	0	48.854436	-86.947904	56279.49	56247.2	2.82	56282.31	56281.95703	56293.63364	56292.46484	503821.5	5411275.6
L3820.0	503821.5	5411273.8	79957.20313	332.62	0	48.854419	-86.947904	56280.71	56247.2	2.82	56283.54	56283.18750	56305.61014	56304.35547	503821.5	5411273.8
L3820.0	503821.5	5411271.9	79957.29688	332.93	0	48.854403	-86.947905	56281.00	56247.2	2.82	56283.83	56283.47656	56296.91447	56295.57422	503821.5	5411271.9
L3820.0	503821.5	5411271.9	79957.39844	332.67	0	48.854403	-86.947905	56282.34	56247.2	2.82	56285.17	56284.81641	56311.69620	56310.27344	503821.5	5411271.9
L3820.0	503821.5	5411270.3	79957.50000	333.33	0	48.854388	-86.947905	56282.56	56247.2	2.83	56285.38	56285.02734	56301.44630	56299.94531	503821.5	5411270.3
L3820.0	503821.5	5411269.0	79957.60156	331.72	0	48.854376	-86.947905	56283.06	56247.2	2.83	56285.89	56285.53906	56298.00250	56296.42578	503821.5	5411269.0
L3820.0	503821.5	5411269.0	79957.70313	332.45	0	48.854376	-86.947905	56283.61	56247.2	2.83	56286.44	56286.08984	56295.58334	56293.92969	503821.5	5411269.0
L3820.0	503821.5	5411267.1	79957.70313	332.45	0	48.854359	-86.947905	56284.57	56247.2	2.83	56287.39	56287.03906	56302.26830	56300.54297	503821.5	5411267.1
L3820.0	503821.5	5411265.6	79957.89844	331.50	0	48.854345	-86.947905	56285.67	56247.2	2.83	56288.50	56288.14844	56312.68812	56310.89063	503821.5	5411265.6
L3820.0	503821.5	5411265.6	79958.00000	330.54	0	48.854345	-86.947905	56286.02	56247.2	2.83	56288.85	56288.50000	56306.20391	56304.33984	503821.5	5411265.6
L3820.0	503821.5	5411263.9	79958.10156	329.47	0	48.854330	-86.947905	56286.95	56247.2	2.83	56289.77	56289.42188	56312.63975	56310.70703	503821.5	5411263.9
L3820.0	503821.4	5411262.2	79958.20313	331.37	0	48.854315	-86.947905	56287.56	56247.2	2.83	56290.38	56290.03516	56312.26462	56310.26953	503821.4	5411262.2
L3820.0	503821.4	5411262.2	79958.29688	329.84	0	48.854315	-86.947905	56288.27	56247.2	2.83	56291.10	56290.75391	56314.49303	56312.43359	503821.4	5411262.2
L3820.0	503821.5	5411260.5	79958.39844	330.19	0	48.854300	-86.947905	56288.78	56247.2	2.83	56291.60	56291.25781	56311.94223	56309.82031	503821.5	5411260.5
L3820.0	503821.5	5411258.9	79958.50000	329.31	0	48.854285	-86.947905	56289.57	56247.2	2.82	56292.39	56292.04688	56316.01690	56313.83984	503821.5	5411258.9
L3820.0	503821.5	5411258.9	79958.60156	328.94	0	48.854285	-86.947905	56289.91	56247.2	2.82	56292.73	56292.39063	56310.19198	56307.95703	503821.5	5411258.9
L3820.0	503821.5	5411257.5	79958.70313	329.95	0	48.854273	-86.947905	56290.48	56247.2	2.82	56293.31	56292.97266	56309.87403	56307.58594	503821.5	5411257.5
L3820.0	503821.5	5411256.1	79958.79688	329.96	0	48.854260	-86.947905	56291.11	56247.2	2.82	56293.93	56293.59375	56310.59556	56308.25391	503821.5	5411256.1
L3820.0	503821.5	5411256.1	79958.89844	328.37	0	48.854260	-86.947905	56291.82	56247.2	2.82	56294.64	56294.30859	56313.47085	56311.08203	503821.5	5411256.1
L3820.0	503821.5	5411254.5	79959.00000	330.76	0	48.854246	-86.947905	56292.62	56247.2	2.82	56295.44	56295.10938	56318.50546	56316.06641	503821.5	5411254.5
L3820.0	503821.5	5411252.9	79959.10156	329.39	0	48.854231	-86.947904	56292.98	56247.2	2.82	56295.80	56295.47266	56313.87541	56311.39453	503821.5	5411252.9
L3820.0	503821.5	5411252.9	79959.20313	329.33	0	48.854231	-86.947904	56293.64	56247.2	2.82	56296.46	56296.13672	56316.08725	56313.56250	503821.5	5411252.9
L3820.0	503821.5	5411251.2	79959.29688	331.20	0	48.854216	-86.947904	56293.71	56247.2	2.82	56296.53	56296.20703	56305.21844	56302.64844	503821.5	5411251.2
L3820.0	503821.6	5411249.7	79959.39844	331.42	0	48.854203	-86.947904	56294.55	56247.2	2.82	56297.37	56297.05078	56311.74300	56309.13281	503821.6	5411249.7
L3820.0	503821.6	5411248.3	79959.50000	332.34	0	48.854190	-86.947903	56295.04	56247.2	2.82	56297.86	56297.54297	56310.54569	56307.89844	503821.6	5411248.3
L3820.0	503821.6	5411248.3	79959.60156	331.63	0	48.854190	-86.947903	56295.67	56247.2	2.83	56298.49	56298.17578	56312.63551	56309.95313	503821.6	5411248.3
L3820.0	503821.6	5411246.8	79959.70313	331.89	0	48.854177	-86.947903	56296.01	56247.2	2.83	56298.83	56298.51953	56308.29714	56305.58203	503821.6	5411246.8
L3820.0	503821.6	5411246.8	79959.70313	331.89	0	48.854177	-86.947903	56296.59	56247.2	2.83	56299.42	56299.11328	56309.73871	56306.99219	503821.6	5411246.8
L3820.0	503821.6	5411244.9	79959.89844	329.35	0	48.854160	-86.947903	56297.46	56247.2	2.83	56300.29	56299.98828	56317.67278	56314.89453	503821.6	5411244.9
L3820.0	503821.6	5411243.1	79960.00000	332.02	0	48.854144	-86.947903	56298.07	56247.2	2.83	56300.90	56300.60156	56319.83254	56317.02734	503821.6	5411243.1
L3820.0	503821.7	5411241.8	79960.10156	332.19	0	48.854131	-86.947902	56298.92	56247.2	2.83	56301.74	56301.44531	56327.34658	56324.51563	503821.7	5411241.8
L3820.0	503821.7	5411241.8	79960.20313	332.24	0	48.854131	-86.947902	56299.29	56247.2	2.82	56302.11	56301.82031	56324.27660	56321.41797	503821.7	5411241.8
L3820.0	503821.7	5411240.4	79960.29688	333.58	0	48.854119	-86.947902	56299.88	56247.2	2.82	56302.70	56302.41406	56326.32173	56323.44141	503821.7	5411240.4
L3820.0	503821.7	5411239.1	79960.39844	332.93	0	48.854107	-86.947902	56299.98	56247.2	2.81	56302.80	56302.51563	56317.34646	56314.44531	503821.7	5411239.1
L3820.0	503821.7	5411239.1	79960.50000	332.88	0	48.854107	-86.947902	56300.53	56247.2	2.81	56303.34	56303.06250	56318.48675	56315.56641	503821.7	5411239.1
L3820.0	503821.7	5411237.3	79960.60156	331.14	0	48.854091	-86.947902	56301.00	56247.2	2.81	56303.81	56303.53516	56318.15527	56315.21484	503821.7	5411237.3
L3820.0	503821.7	5411235.6	79960.70313	333.09	0	48.854076	-86.947902	56301.59	56247.2	2.80	56304.39	56304.12109	56320.41802	56317.46094	503821.7	5411235.6
L3820.0	503821.7	5411234.2	79960.79688	331.95	0	48.854063	-86.947902	56302.36	56247.2	2.80	56305.16	56304.89453	56327.04287	56324.07031	503821.7	5411234.2
L3820.0	503821.7	5411234.2	79960.89844	333.01	0	48.854063	-86.947902	56302.56	56247.2	2.79	56305.36	56305.09766	56320.99160	56318.00781	503821.7	5411234.2
L3820.0	503821.7	5411232.3	79961.00000	331.00	0	48.854046	-86.947901	56303.25	56247.2	2.79	56306.04	56305.78516	56325.78581	56322.78906	503821.7	5411232.3
L3820.0	503821.8	5411231.3	79961.10156	330.51	0	48.854038	-86.947901	56303.53	56247.2	2.79	56306.32	56306.07031	56321.78831	56318.78516	503821.8	5411231.3
L3820.0	503821.8	5411231.3	79961.20313	329.42	0	48.854038	-86.947901	56304.13	56247.2	2.79	56306.92	56306.67578	56324.99994	56321.98828	503821.8	5411231.3
L3820.0	503821.8	5411229.5	79961.29688	328.98	0	48.854021	-86.947901	56304.29	56247.2	2.79	56307.09	56306.84766	56318.84972	56315.82813	503821.8	5411229.5
L3820.0	503821.8	5411228.1	79961.39844	328.88	0	48.854008	-86.947901	56304.91	56247.2	2.79	56307.71	56307.47266	56322.71065	56319.68359	503821.8	5411228.1
L3820.0	503821.8	5411228.1	79961.50000	329.25	0	48.854008	-86.947901	56305.57	56247.2	2.80	56308.37	56308.14063	56327.52613	56324.49609	503821.8	5411228.1
L3820.0	503821.8	5411226.5	79961.60156	329.11	0	48.853994	-86.947901	56306.49	56247.2	2.80	56309.28	56309.05469	56337.85178	56334.82031	503821.8	5411226.5
L3820.0	503821.8	5411225.3	79961.70313	326.72	0	48.853983	-86.947901	56306.75	56247.2	2.80	56309.54	56309.32031	56334.15215	56331.11719	503821.8	5411225.3
L3820.0	503821.8	5411223.9	79961.70313	326.72	0	48.853971	-86.947901	56306.96	56247.2	2.80	56309.75	56309.53516	56329.50986	56326.47656	503821.8	5411223.9
L3820.0	503821.8	5411223.9	79961.89844	327.03	0	48.853971	-86.947901	56307.43	56247.2	2.80	56310.23	56310.01953	56330.82433	56327.78906	503821.8	5411223.9
L3820.0	503821.8	5411221.8	79962.00000	328.29	0	48.853952	-86.947901	56307.70	56247.2	2.80	56310.50	56310.29688	56327.72545	56324.69531	503821.8	5411221.8
L3820.0	503821.8	5411221.8	79962.10156	328.47	0	48.853952	-86.947901	56308.28	56247.2	2.80	56311.08	56310.87891	56331.41619	56328.39063	503821.8	5411221.8
L3820.0	503821.8	5411220.4	79962.20313	330.01	0	48.853939	-86.947900	56308.54	56247.2	2.80	56311.33	56311.13672	56328.10929	56325.08594	503821.8	5411220.4
L3820.0	503821.8	5411219.0	79962.29688	329.43	0	48.853926	-86.947900	56309.15	56247.2	2.79	56311.94	56311.75000	56332.66263	56329.64453	503821.8	5411219.0
L3820.0	503821.8	5411217.6	79962.39844	329.78	0	48.853914	-86.947900	56309.43	56247.2	2.79	56312.22	56312.03906	56330.20975	56327.19922	503821.8	5411217.6
L3820.0	503821.8	5411217.6	79962.50000	329.24	0	48.853914	-86.947900	56309.92	56247.2	2.79	56312.71	56312.53125	56332.39070	56329.39063	503821.8	5411217.6
L3820.0	503821.8	5411215.7	79962.60156	328.59	0	48.853897	-86.947900	56309.96	56247.2	2.79	56312.75	56312.57813	56324.92906	56321.93750	503821.8	5411215.7
L3820.0	503821.9	5411214.1	79962.70313	329.38	0	48.853882	-86.947900	56310.20	56247.2	2.79	56312.99	56312.82422	56321.86930	56318.89063	503821.9	5411214.1
L3820.0	503821.9	5411214.1	79962.79688	329.77	0	48.853882	-86.947900	56310.77	56247.2	2.78	56313.56	56313.39844	56326.07446	56323.10547	503821.9	5411214.1
L3820.0	503821.9	5411212.5	79962.89844	331.38	0	48.853868	-86.947900	56310.98	56247.2	2.78	56313.77	56313.61719	56322.52453	56319.57031	503821.9	5411212.5
L3820.0	503821.9	5411210.8	79963.00000	330.77	0	48.853853	-86.947900	56311.49	56247.2	2.78	56314.27	56314.12109	56325.39951	56322.45703	503821.9	5411210.8
L3820.0	503821.9	5411210.8	79963.10156	331.75	0	48.853853	-86.947900	56312.08	56247.2	2.78	56314.86	56314.71875	56330.35958	56327.43359	503821.9	5411210.8
L3820.0	503821.9	5411208.9	79963.20313	333.15	0	48.853836	-86.947900	56312.93	56247.2	2.78	56315.71	56315.57422	56341.17719	56338.26563	503821.9	5411208.9
L3820.0	503821.9	5411207.5	79963.29688	332.04	0	48.853823	-86.947900	56313.02	56247.2	2.78	56315.81	56315.67969	56335.53414	56332.64063	503821.9	5411207.5
L3820.0	503821.9	5411206.1	79963.39844	331.94	0	48.853810	-86.947900	56313.36	56247.2	2.78	56316.14	56316.01563	56335.04590	56332.16797	503821.9	5411206.1
L3820.0	503821.9	5411206.1	79963.50000	330.85	0	48.853810	-86.947900	56313.10	56247.2	2.78	56315.88	56315.76172	56321.48522	56318.62500	503821.9	5411206.1
L3820.0	503821.9	5411204.9	79963.60156	330.72	0	48.853800	-86.947899	56313.74	56247.2	2.79	56316.53	56316.41797	56328.26312	56325.42188	503821.9	5411204.9
L3820.0	503821.9	5411203.7	79963.70313	331.76	0	48.853789	-86.947899	56314.28	56247.2	2.79	56317.06	56316.95313	56332.46650	56329.64844	503821.9	5411203.7
L3820.0	503821.9	5411203.7	79963.70313	331.76	0	48.853789	-86.947899	56314.99	56247.2	2.79	56317.77	56317.67188	56340.80797	56338.00781	503821.9	5411203.7
L3820.0	503821.9	5411201.9	79963.89844	331.03	0	48.853773	-86.947899	56315.28	56247.2	2.79	56318.07	56317.97656	56340.03078	56337.25391	503821.9	5411201.9
L3820.0	503821.9	5411200.4	79964.00000	329.88	0	48.853759	-86.947899	56315.58	56247.2	2.79	56318.37	56318.28125	56339.32020	56336.56250	503821.9	5411200.4
L3820.0	503821.9	5411200.4	79964.10156	330.91	0	48.853759	-86.947899	56316.02	56247.2	2.79	56318.81	56318.73047	56341.83488	56339.10156	503821.9	5411200.4
L3820.0	503821.9	5411198.8	79964.20313	331.51	0	48.853745	-86.947899	56315.73	56247.2	2.79	56318.51	56318.43359	56327.71154	56325.00000	503821.9	5411198.8
L3820.0	503821.9	5411197.3	79964.29688	331.44	0	48.853731	-86.947899	56316.29	56247.2	2.79	56319.08	56319.01172	56333.29515	56330.60938	503821.9	5411197.3
L3820.0	503821.9	5411195.8	79964.39844	332.19	0	48.853718	-86.947899	56316.59	56247.2	2.79	56319.38	56319.31641	56332.85095	56330.18750	503821.9	5411195.8
L3820.0	503821.9	5411195.8	79964.50000	332.50	0	48.853718	-86.947899	56317.17	56247.2	2.79	56319.95	56319.89453	56338.56968	56335.93359	503821.9	5411195.8
L3820.0	503821.9	5411194.0	79964.60156	332.79	0	48.853701	-86.947899	56317.16	56247.2	2.78	56319.94	56319.89063	56331.26904	56328.66016	503821.9	5411194.0
L3820.0	503821.9	5411192.3	79964.70313	332.55	0	48.853686	-86.947899	56317.81	56247.2	2.78	56320.59	56320.54688	56338.91791	56336.33594	503821.9	5411192.3
L3820.0	503821.9	5411190.8	79964.79688	331.06	0	48.853673	-86.947899	56317.70	56247.2	2.78	56320.48	56320.44531	56329.52033	56326.96094	503821.9	5411190.8

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L3820.0	503821.9	5411190.8	79964.89844	331.52	0	48.853673	-86.947899	56317.75	56247.2	2.78	56320.53	56320.50000	56323.81151	56321.28125	503821.9	5411190.8
L3820.0	503822.0	5411189.1	79965.00000	332.90	0	48.853658	-86.947899	56318.20	56247.2	2.78	56320.98	56320.95703	56327.16147	56324.66016	503822.0	5411189.1
L3820.0	503822.0	5411188.0	79965.10156	331.69	0	48.853648	-86.947899	56318.59	56247.2	2.78	56321.37	56321.35156	56329.22791	56326.75391	503822.0	5411188.0
L3820.0	503822.0	5411188.0	79965.20313	332.51	0	48.853648	-86.947899	56319.12	56247.2	2.78	56321.90	56321.89063	56334.49535	56332.05078	503822.0	5411188.0
L3820.0	503822.0	5411186.2	79965.29688	331.10	0	48.853631	-86.947899	56319.08	56247.2	2.78	56321.85	56321.84766	56326.84040	56324.42578	503822.0	5411186.2
L3820.0	503822.0	5411184.6	79965.39844	330.06	0	48.853617	-86.947898	56319.84	56247.2	2.78	56322.62	56322.62500	56337.61329	56335.22656	503822.0	5411184.6
L3820.0	503822.0	5411183.1	79965.50000	329.74	0	48.853604	-86.947898	56319.74	56247.2	2.77	56322.51	56322.51953	56328.74811	56326.39063	503822.0	5411183.1
L3820.0	503822.0	5411183.1	79965.60156	328.63	0	48.853604	-86.947898	56320.20	56247.2	2.77	56322.97	56322.98828	56332.71084	56330.38672	503822.0	5411183.1
L3820.0	503822.0	5411181.8	79965.70313	329.49	0	48.853592	-86.947898	56320.20	56247.2	2.77	56322.97	56322.99219	56326.42622	56324.12891	503822.0	5411181.8
L3820.0	503822.1	5411180.2	79965.70313	329.49	0	48.853577	-86.947898	56320.71	56247.2	2.77	56323.48	56323.51172	56331.63689	56329.37109	503822.1	5411180.2
L3820.0	503822.1	5411180.2	79965.89844	329.01	0	48.853577	-86.947898	56321.14	56247.2	2.77	56323.91	56323.94531	56335.11853	56332.88281	503822.1	5411180.2
L3820.0	503822.1	5411178.4	79966.00000	329.84	0	48.853561	-86.947897	56321.43	56247.2	2.77	56324.20	56324.24219	56335.51612	56333.31250	503822.1	5411178.4
L3820.0	503822.1	5411176.9	79966.10156	331.68	0	48.853548	-86.947897	56321.68	56247.2	2.77	56324.45	56324.50000	56335.06985	56332.89844	503822.1	5411176.9
L3820.0	503822.1	5411175.6	79966.20313	332.96	0	48.853536	-86.947897	56321.88	56247.2	2.77	56324.65	56324.70703	56333.55080	56331.41016	503822.1	5411175.6
L3820.0	503822.1	5411175.6	79966.29688	334.38	0	48.853536	-86.947897	56322.49	56247.2	2.77	56325.26	56325.32422	56341.32052	56339.21094	503822.1	5411175.6
L3820.0	503822.2	5411174.1	79966.39844	333.61	0	48.853523	-86.947896	56322.37	56247.2	2.77	56325.13	56325.19922	56332.46801	56330.39063	503822.2	5411174.1
L3820.0	503822.2	5411172.1	79966.50000	331.96	0	48.853505	-86.947896	56322.98	56247.2	2.76	56325.74	56325.81641	56340.34195	56338.29688	503822.2	5411172.1
L3820.0	503822.2	5411172.1	79966.60156	333.92	0	48.853505	-86.947896	56322.93	56247.2	2.76	56325.69	56325.77344	56333.39085	56331.37891	503822.2	5411172.1
L3820.0	503822.2	5411170.4	79966.70313	332.89	0	48.853489	-86.947896	56323.54	56247.2	2.76	56326.30	56326.39063	56341.35752	56339.37500	503822.2	5411170.4
L3820.0	503822.2	5411169.1	79966.79688	332.60	0	48.853477	-86.947895	56323.87	56247.2	2.76	56326.63	56326.73047	56343.05943	56341.10938	503822.2	5411169.1
L3820.0	503822.2	5411169.1	79966.89844	333.44	0	48.853477	-86.947895	56324.18	56247.2	2.76	56326.95	56327.05469	56344.57853	56342.66016	503822.2	5411169.1
L3820.0	503822.3	5411167.3	79967.00000	332.07	0	48.853461	-86.947895	56324.20	56247.2	2.76	56326.96	56327.07422	56339.17955	56337.29688	503822.3	5411167.3
L3820.0	503822.3	5411165.6	79967.10156	332.90	0	48.853446	-86.947894	56324.10	56247.2	2.76	56326.86	56326.98047	56331.37648	56329.52344	503822.3	5411165.6
L3820.0	503822.3	5411165.6	79967.20313	332.09	0	48.853446	-86.947894	56324.67	56247.2	2.76	56327.43	56327.55859	56338.63238	56336.81250	503822.3	5411165.6
L3820.0	503822.3	5411164.3	79967.29688	332.05	0	48.853434	-86.947894	56324.72	56247.2	2.76	56327.48	56327.61328	56334.29761	56332.50781	503822.3	5411164.3
L3820.0	503822.4	5411162.9	79967.39844	331.50	0	48.853422	-86.947894	56325.25	56247.2	2.76	56328.00	56328.14063	56340.49044	56338.73438	503822.4	5411162.9
L3820.0	503822.4	5411161.5	79967.50000	330.07	0	48.853409	-86.947893	56325.25	56247.2	2.76	56328.01	56328.16016	56335.37177	56333.64844	503822.4	5411161.5
L3820.0	503822.4	5411161.5	79967.60156	330.00	0	48.853409	-86.947893	56325.74	56247.2	2.75	56328.49	56328.64453	56340.73270	56339.04297	503822.4	5411161.5
L3820.0	503822.4	5411159.8	79967.70313	329.09	0	48.853394	-86.947893	56325.79	56247.2	2.75	56328.54	56328.70313	56336.61053	56334.95313	503822.4	5411159.8
L3820.0	503822.4	5411159.8	79967.70313	329.09	0	48.853394	-86.947893	56326.40	56247.2	2.75	56329.15	56329.32031	56344.89230	56343.26563	503822.4	5411159.8
L3820.0	503822.4	5411158.2	79967.89844	329.04	0	48.853380	-86.947893	56326.45	56247.2	2.75	56329.20	56329.37891	56340.86824	56339.27344	503822.4	5411158.2
L3820.0	503822.4	5411156.9	79968.00000	329.39	0	48.853368	-86.947892	56326.31	56247.3	2.75	56329.06	56329.24609	56332.73809	56331.17578	503822.4	5411156.9
L3820.0	503822.5	5411155.5	79968.10156	329.67	0	48.853355	-86.947892	56326.61	56247.2	2.75	56329.36	56329.55469	56334.31716	56332.78516	503822.5	5411155.5
L3820.0	503822.5	5411154.0	79968.20313	329.44	0	48.853341	-86.947892	56327.11	56247.2	2.75	56329.87	56330.07031	56340.52991	56339.03125	503822.5	5411154.0
L3820.0	503822.5	5411154.0	79968.29688	330.54	0	48.853341	-86.947892	56327.60	56247.2	2.76	56330.36	56330.56641	56346.34188	56344.87109	503822.5	5411154.0
L3820.0	503822.5	5411152.5	79968.39844	330.95	0	48.853328	-86.947892	56327.57	56247.2	2.76	56330.33	56330.54688	56340.82301	56339.38281	503822.5	5411152.5
L3820.0	503822.5	5411150.8	79968.50000	331.13	0	48.853313	-86.947892	56328.26	56247.2	2.76	56331.02	56331.24219	56351.10680	56349.69922	503822.5	5411150.8
L3820.0	503822.5	5411150.8	79968.60156	332.20	0	48.853313	-86.947892	56327.98	56247.2	2.76	56330.74	56330.97266	56340.19275	56338.81641	503822.5	5411150.8
L3820.0	503822.5	5411149.2	79968.70313	331.25	0	48.853299	-86.947892	56328.14	56247.2	2.76	56330.90	56331.13672	56338.94882	56337.60547	503822.5	5411149.2
L3820.0	503822.5	5411147.8	79968.79688	331.20	0	48.853286	-86.947892	56328.59	56247.2	2.77	56331.36	56331.60547	56344.33997	56343.02344	503822.5	5411147.8
L3820.0	503822.5	5411147.8	79968.89844	330.65	0	48.853286	-86.947892	56328.92	56247.2	2.77	56331.69	56331.94531	56346.92575	56345.64063	503822.5	5411147.8
L3820.0	503822.5	5411146.5	79969.00000	329.88	0	48.853274	-86.947892	56329.16	56247.2	2.77	56331.93	56332.19141	56347.57098	56346.31641	503822.5	5411146.5
L3820.0	503822.5	5411144.4	79969.10156	330.20	0	48.853255	-86.947892	56329.11	56247.2	2.77	56331.87	56332.14063	56341.60249	56340.37891	503822.5	5411144.4
L3820.0	503822.5	5411144.4	79969.20313	329.49	0	48.853255	-86.947892	56329.62	56247.2	2.77	56332.39	56332.66797	56348.53122	56347.33594	503822.5	5411144.4
L3820.0	503822.5	5411142.6	79969.29688	330.71	0	48.853239	-86.947891	56329.56	56247.2	2.76	56332.33	56332.61328	56342.59869	56341.43359	503822.5	5411142.6
L3820.0	503822.5	5411140.8	79969.39844	331.46	0	48.853223	-86.947891	56329.89	56247.2	2.76	56332.66	56332.95313	56345.38256	56344.24609	503822.5	5411140.8
L3820.0	503822.5	5411140.8	79969.39844	331.46	0	48.853223	-86.947891	56329.92	56247.2	2.76	56332.68	56332.98047	56341.26341	56340.15625	503822.5	5411140.8
L3820.0	503822.5	5411139.2	79969.60156	331.87	0	48.853208	-86.947891	56330.20	56247.2	2.76	56332.96	56333.26953	56342.99170	56341.91016	503822.5	5411139.2
L3820.0	503822.5	5411139.2	79969.70313	331.87	0	48.853208	-86.947891	56330.28	56247.2	2.76	56333.03	56333.34766	56340.03316	56338.98047	503822.5	5411139.2
L3820.0	503822.6	5411137.3	79969.70313	330.80	0	48.853192	-86.947891	56330.64	56247.2	2.76	56333.40	56333.72266	56343.84634	56342.82031	503822.6	5411137.3
L3820.0	503822.6	5411135.6	79969.79688	330.12	0	48.853176	-86.947891	56331.02	56247.2	2.75	56333.77	56334.10156	56347.69203	56346.69531	503822.6	5411135.6
L3820.0	503822.6	5411134.2	79969.89844	330.00	0	48.853164	-86.947891	56331.25	56247.2	2.75	56334.00	56334.33984	56348.41063	56347.44141	503822.6	5411134.2
L3820.0	503822.6	5411134.2	79970.00000	330.38	0	48.853164	-86.947891	56331.30	56247.3	2.75	56334.05	56334.39844	56345.09990	56344.15625	503822.6	5411134.2
L3820.0	503822.6	5411132.5	79970.10156	330.08	0	48.853149	-86.947891	56331.58	56247.3	2.75	56334.33	56334.68750	56346.98939	56346.07422	503822.6	5411132.5
L3820.0	503822.6	5411130.8	79970.29688	330.47	0	48.853133	-86.947891	56332.02	56247.3	2.74	56334.76	56335.12500	56352.26298	56351.37109	503822.6	5411130.8
L3820.0	503822.6	5411130.8	79970.39844	330.60	0	48.853133	-86.947891	56331.86	56247.3	2.74	56334.60	56334.97266	56344.32358	56343.45703	503822.6	5411130.8
L3820.0	503822.6	5411129.3	79970.50000	332.80	0	48.853119	-86.947891	56332.30	56247.3	2.74	56335.03	56335.41016	56349.62479	56348.78516	503822.6	5411129.3
L3820.0	503822.6	5411127.9	79970.60156	333.41	0	48.853107	-86.947891	56332.39	56247.3	2.73	56335.13	56335.51953	56347.57165	56346.75781	503822.6	5411127.9
L3820.0	503822.6	5411127.9	79970.70313	334.19	0	48.853107	-86.947891	56332.60	56247.3	2.73	56335.33	56335.72656	56347.77516	56346.98438	503822.6	5411127.9
L3820.0	503822.6	5411126.2	79970.79688	334.42	0	48.853091	-86.947891	56332.61	56247.3	2.73	56335.33	56335.73438	56343.58283	56342.81641	503822.6	5411126.2
L3820.0	503822.5	5411124.4	79970.89844	332.84	0	48.853075	-86.947891	56332.95	56247.3	2.72	56335.68	56336.09375	56347.15265	56346.41016	503822.5	5411124.4
L3820.0	503822.5	5411124.4	79971.00000	331.89	0	48.853075	-86.947891	56333.21	56247.3	2.72	56335.93	56336.35156	56348.52749	56347.80859	503822.5	5411124.4
L3820.0	503822.5	5411122.9	79971.10156	330.90	0	48.853062	-86.947891	56333.55	56247.3	2.72	56336.27	56336.69922	56351.88032	56351.18750	503822.5	5411122.9
L3820.0	503822.5	5411121.3	79971.20313	329.97	0	48.853047	-86.947892	56333.90	56247.3	2.72	56336.62	56337.05859	56355.44723	56354.77344	503822.5	5411121.3
L3820.0	503822.5	5411121.3	79971.29688	329.16	0	48.853047	-86.947892	56333.75	56247.3	2.72	56336.47	56336.91797	56348.19508	56347.54297	503822.5	5411121.3
L3820.0	503822.5	5411119.6	79971.39844	327.23	0	48.853032	-86.947892	56334.11	56247.3	2.72	56336.82	56337.27344	56351.80014	56351.17188	503822.5	5411119.6
L3820.0	503822.5	5411119.6	79971.50000	328.92	0	48.853032	-86.947892	56334.08	56247.3	2.72	56336.79	56337.25391	56347.25251	56346.64453	503822.5	5411119.6
L3820.0	503822.5	5411116.9	79971.60156	327.83	0	48.853008	-86.947892	56334.31	56247.3	2.71	56337.03	56337.50000	56348.53567	56347.94922	503822.5	5411116.9
L3820.0	503822.5	5411116.9	79971.70313	327.52	0	48.853008	-86.947892	56334.62	56247.3	2.71	56337.33	56337.80859	56351.11209	56350.54688	503822.5	5411116.9
L3820.0	503822.5	5411114.8	79971.70313	327.52	0	48.852989	-86.947892	56334.72	56247.3	2.71	56337.43	56337.91797	56349.45618	56348.91016	503822.5	5411114.8
L3820.0	503822.5	5411114.8	79971.79688	328.20	0	48.852989	-86.947892	56334.90	56247.3	2.71	56337.61	56338.10547	56349.52877	56349.00000	503822.5	5411114.8
L3820.0	503822.5	5411113.2	79972.00000	329.39	0	48.852975	-86.947892	56335.06	56247.3	2.71	56337.76	56338.26172	56348.99554	56348.48828	503822.5	5411113.2
L3820.0	503822.5	5411111.6	79972.10156	328.06	0	48.852961	-86.947892	56335.38	56247.3	2.71	56338.09	56338.60156	56352.27549	56351.78516	503822.5	5411111.6
L3820.0	503822.5	5411111.6	79972.20313	329.17	0	48.852961	-86.947892	56335.56	56247.3	2.71	56338.27	56338.78906	56352.42226	56351.95313	503822.5	5411111.6
L3820.0	503822.5	5411110.1	79972.29688	329.31	0	48.852947	-86.947892	56335.67	56247.3	2.71	56338.37	56338.89844	56350.92134	56350.46875	503822.5	5411110.1
L3820.0	503822.5	5411108.4	79972.39844	328.56	0	48.852931	-86.947893	56335.61	56247.3	2.71	56338.32	56338.85547	56346.31044	56345.87500	503822.5	5411108.4
L3820.0	503822.5	5411108.4	79972.50000	328.42	0	48.852931	-86.947893	56335.52	56247.3	2.71	56338.22	56338.76563	56340.68100	56340.26172	503822.5	5411108.4
L3820.0	503822.5	5411107.0	79972.60156	328.71	0	48.852919	-86.947893	56335.56	56247.3	2.70	56338.26	56338.81250	56338.00152	56337.59766	503822.5	5411107.0
L3820.0	503822.4	5411105.1	79972.70313	329.66	0	48.852902	-86.947893	56335.89	56247.3	2.70	56338.59	56339.14844	56341.41232	56341.02734	503822.4	5411105.1
L3820.0	503822.4	5411103.8	79972.79688	329.90	0	48.852890	-86.947893	56336.28	56247.3	2.70	56338.98	56339.54688	56346.10661	56345.73438	503822.4	5411103.8
L3820.0	503822.4	5411102.6	79972.89844	329.27	0	48.852880	-86.947893	56336.68	56247.3	2.70	56339.39	56339.96484	56351.25354	56350.89453	503822.4	5411102.6
L3820.0	503822.4	5411102.6	79973.00000	330.16	0	48.852880	-86.947893	56337.09	56247.3	2.70	56339.79	56340.37500	56356.22655	56355.88281	503822.4	5411102.6
L3820.0	503822.4	5411101.2	79973.10156	327.86	0	48.852867	-86.947894	56337.14	56247.3	2.70	56339.84	56340.43359	56353.85215	56353.52344	503822.4	5411101.2
L3820.0	503822.4	5411099.1	79973.20313	327.83	0	48.852848	-86.947894	56336.86	56247.3	2.70	56339.56	56340.16016	56344.50573	56344.19141	503822.4	5411099.1
L3820.0	503822.4	5411097.9	79973.29688	328.18	0	48.852837	-86.947894	56336.70	56247.3	2.70	56339.40	56340.00781	56337.67653	56337.37500	503822.4	5411097.9
L3820.0	503822.4	5411097.9	79973.39844	326.78	0	48.852837	-86.947894	56336.71	56247.3	2.70	56339.41	56340.02734	56334.44228	56334.15234	503822.4	5411097.9
L3820.0	503822.4	5411096.5	79973.50000	326.47	0	48.852824	-86.947894	56336.86	56247.3	2.70	56339.56	56340.18359	56334.18581	56333.90625	503822.4	5411096.5
L3820.0	503822.4	5411096.5	79973.60156	326.34	0	48.852824	-86.947894	56337.02	56247.3	2.70	56339.72	56340.35156	56334.15442	56333.88672	503822.4	5411096.5
L3820.0	503822.3	5411095.1	79973.70313	328.75	0	48.852812	-86.947895	56337.02	56247.3	2.70	56339.72	56340.35938	56330.72830	56330.47266	503822.3	5411095.1
L3820.0	503822.3	5411093.7	79973.70313	328.75	0	48.852799	-86.947895	56337.27	56247.3	2.70	56339.97	56340.61719	56332.63712	56332.39063	503822.3	5411093.7
L3820.0	503822.3	5411091.9	79973.89844	329.11	0	48.852783	-86.947896	56338.42	56247.3	2.70	56341.12	56341.77344	56353.74835	56353.51172	503822.3	5411091.9
L3820.0	503822.3	5411091.9	79974.00000	329.61	0	48.852783	-86.947896	56339.06	56247.3	2.70	56341.76	56342.42188	56364.00450	56363.77734	503822.3	5411091.9
L3820.0	503822.2	5411090.3	79974.10156	330.67	0	48.852768	-86.947896	56338.77	56247.3	2.70	56341.47	56342.14063	56354.43429	56354.21484	503822.2	5411090.3

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L3820.0	503822.2	5411088.9	79974.20313	330.58	0	48.852756	-86.947896	56338.73	56247.3	2.70	56341.42	56342.09766	56349.98875	56349.77734	503822.2	5411088.9
L3820.0	503822.2	5411088.9	79974.29688	329.96	0	48.852756	-86.947896	56338.85	56247.3	2.69	56341.55	56342.23438	56349.38884	56349.18359	503822.2	5411088.9
L3820.0	503822.2	5411087.3	79974.39844	329.99	0	48.852742	-86.947897	56338.88	56247.3	2.69	56341.57	56342.26172	56346.45176	56346.25391	503822.2	5411087.3
L3820.0	503822.2	5411085.4	79974.50000	331.46	0	48.852725	-86.947897	56338.88	56247.3	2.69	56341.57	56342.26953	56343.09655	56342.90625	503822.2	5411085.4
L3820.0	503822.2	5411085.4	79974.60156	330.90	0	48.852725	-86.947897	56339.03	56247.3	2.69	56341.72	56342.42578	56342.94392	56342.75781	503822.2	5411085.4
L3820.0	503822.1	5411084.1	79974.70313	331.27	0	48.852713	-86.947897	56339.46	56247.3	2.69	56342.15	56342.86328	56348.76167	56348.58203	503822.1	5411084.1
L3820.0	503822.1	5411082.9	79974.79688	329.14	0	48.852702	-86.947898	56339.36	56247.3	2.68	56342.05	56342.76953	56343.29308	56343.11719	503822.1	5411082.9
L3820.0	503822.1	5411081.3	79974.89844	328.75	0	48.852687	-86.947898	56339.54	56247.3	2.68	56342.22	56342.94531	56343.58091	56343.40625	503822.1	5411081.3
L3820.0	503822.1	5411081.3	79975.00000	328.62	0	48.852687	-86.947898	56339.54	56247.3	2.68	56342.22	56342.95313	56340.24361	56340.07031	503822.1	5411081.3
L3820.0	503822.1	5411079.6	79975.10156	328.42	0	48.852672	-86.947898	56339.80	56247.3	2.68	56342.48	56343.21875	56342.45792	56342.28906	503822.1	5411079.6
L3820.0	503822.1	5411078.2	79975.20313	326.96	0	48.852660	-86.947899	56340.08	56247.3	2.68	56342.76	56343.50391	56345.11080	56344.94141	503822.1	5411078.2
L3820.0	503822.1	5411078.2	79975.29688	326.74	0	48.852660	-86.947899	56340.41	56247.3	2.68	56343.08	56343.83203	56348.63898	56348.46875	503822.1	5411078.2
L3820.0	503822.0	5411076.6	79975.39844	328.24	0	48.852645	-86.947899	56340.28	56247.3	2.68	56342.96	56343.71875	56342.70436	56342.53516	503822.0	5411076.6
L3820.0	503822.0	5411074.8	79975.50000	328.45	0	48.852630	-86.947899	56340.41	56247.3	2.68	56343.08	56343.84375	56341.92081	56341.75000	503822.0	5411074.8
L3820.0	503822.0	5411074.8	79975.60156	328.73	0	48.852630	-86.947899	56340.57	56247.3	2.67	56343.24	56344.01172	56341.99854	56341.82422	503822.0	5411074.8
L3820.0	503822.0	5411073.2	79975.70313	329.34	0	48.852615	-86.947900	56340.79	56247.3	2.67	56343.46	56344.23828	56343.38671	56343.21094	503822.0	5411073.2
L3820.0	503822.0	5411071.7	79975.70313	329.34	0	48.852601	-86.947900	56341.10	56247.3	2.67	56343.77	56344.55469	56346.76759	56346.58984	503822.0	5411071.7
L3820.0	503821.9	5411070.2	79975.89844	328.76	0	48.852588	-86.947900	56341.13	56247.3	2.67	56343.80	56344.58984	56343.98937	56343.80469	503821.9	5411070.2
L3820.0	503821.9	5411070.2	79976.00000	329.47	0	48.852588	-86.947900	56341.41	56247.3	2.67	56344.08	56344.87500	56346.74143	56346.55078	503821.9	5411070.2
L3820.0	503821.9	5411068.6	79976.10156	328.56	0	48.852573	-86.947901	56341.56	56247.3	2.67	56344.23	56345.03125	56346.61041	56346.41406	503821.9	5411068.6
L3820.0	503821.9	5411066.9	79976.20313	329.80	0	48.852558	-86.947901	56341.73	56247.3	2.67	56344.40	56345.20703	56346.92398	56346.71875	503821.9	5411066.9
L3820.0	503821.9	5411066.9	79976.29688	331.58	0	48.852558	-86.947901	56341.82	56247.3	2.67	56344.49	56345.30078	56345.42107	56345.21094	503821.9	5411066.9
L3820.0	503821.9	5411065.3	79976.39844	333.04	0	48.852544	-86.947901	56342.12	56247.3	2.67	56344.79	56345.60547	56348.68511	56348.46484	503821.9	5411065.3
L3820.0	503821.8	5411063.9	79976.50000	333.41	0	48.852531	-86.947902	56342.66	56247.3	2.67	56345.33	56346.15234	56357.47149	56357.24219	503821.8	5411063.9
L3820.0	503821.8	5411063.9	79976.60156	333.71	0	48.852531	-86.947902	56342.86	56247.3	2.66	56345.52	56346.34766	56358.26900	56358.02734	503821.8	5411063.9
L3820.0	503821.8	5411062.2	79976.70313	333.61	0	48.852516	-86.947902	56343.02	56247.3	2.66	56345.68	56346.51172	56358.36373	56358.10938	503821.8	5411062.2
L3820.0	503821.8	5411060.6	79976.79688	334.51	0	48.852502	-86.947902	56342.91	56247.3	2.66	56345.57	56346.40625	56352.20405	56351.93750	503821.8	5411060.6
L3820.0	503821.8	5411060.6	79976.89844	334.67	0	48.852502	-86.947902	56342.94	56247.3	2.66	56345.60	56346.44141	56349.25377	56348.97266	503821.8	5411060.6
L3820.0	503821.8	5411058.9	79977.00000	333.81	0	48.852486	-86.947903	56342.86	56247.3	2.66	56345.52	56346.36719	56343.74977	56343.45703	503821.8	5411058.9
L3820.0	503821.8	5411057.3	79977.10156	333.18	0	48.852472	-86.947903	56343.14	56247.3	2.66	56345.80	56346.65234	56346.56717	56346.25781	503821.8	5411057.3
L3820.0	503821.8	5411057.3	79977.20313	333.04	0	48.852472	-86.947903	56343.52	56247.3	2.66	56346.18	56347.03516	56351.67957	56351.35547	503821.8	5411057.3
L3820.0	503821.7	5411055.7	79977.29688	331.82	0	48.852457	-86.947903	56343.76	56247.3	2.66	56346.42	56347.27734	56353.54232	56353.19922	503821.7	5411055.7
L3820.0	503821.7	5411055.7	79977.39844	331.37	0	48.852457	-86.947903	56344.08	56247.3	2.66	56346.74	56347.60156	56357.22119	56356.86328	503821.7	5411055.7
L3820.0	503821.7	5411054.1	79977.50000	328.62	0	48.852444	-86.947903	56344.08	56247.3	2.65	56346.74	56347.60547	56353.55860	56353.17969	503821.7	5411054.1
L3820.0	503821.7	5411052.3	79977.60156	329.17	0	48.852427	-86.947903	56344.42	56247.3	2.65	56347.07	56347.94141	56357.42539	56357.02734	503821.7	5411052.3
L3820.0	503821.7	5411050.8	79977.70313	328.91	0	48.852413	-86.947903	56344.32	56247.3	2.65	56346.97	56347.84375	56351.52204	56351.10547	503821.7	5411050.8
L3820.0	503821.7	5411050.8	79977.70313	328.91	0	48.852413	-86.947903	56344.50	56247.3	2.65	56347.15	56348.02734	56351.98055	56351.54297	503821.7	5411050.8
L3820.0	503821.7	5411049.6	79977.89844	330.77	0	48.852403	-86.947904	56344.72	56247.3	2.65	56347.37	56348.25000	56353.33266	56352.87500	503821.7	5411049.6
L3820.0	503821.7	5411049.6	79978.00000	331.48	0	48.852403	-86.947904	56344.88	56247.3	2.65	56347.53	56348.41406	56353.33547	56352.85547	503821.7	5411049.6
L3820.0	503821.7	5411048.1	79978.10156	332.06	0	48.852389	-86.947904	56345.18	56247.3	2.65	56347.83	56348.71875	56356.45499	56355.95313	503821.7	5411048.1
L3820.0	503821.7	5411046.7	79978.20313	329.60	0	48.852376	-86.947904	56345.52	56247.3	2.65	56348.17	56349.06250	56360.44379	56359.91797	503821.7	5411046.7
L3820.0	503821.7	5411045.1	79978.29688	328.67	0	48.852362	-86.947904	56345.59	56247.3	2.65	56348.24	56349.13281	56358.45104	56357.90234	503821.7	5411045.1
L3820.0	503821.7	5411045.1	79978.39844	328.83	0	48.852362	-86.947904	56345.16	56247.3	2.65	56347.81	56348.70703	56345.45726	56344.88281	503821.7	5411045.1
L3820.0	503821.7	5411043.5	79978.50000	328.08	0	48.852347	-86.947904	56345.41	56247.3	2.65	56348.06	56348.95703	56347.48024	56346.88281	503821.7	5411043.5
L3820.0	503821.7	5411041.9	79978.60156	328.10	0	48.852333	-86.947904	56345.64	56247.3	2.65	56348.29	56349.19141	56349.06123	56348.43750	503821.7	5411041.9
L3820.0	503821.7	5411040.6	79978.70313	328.37	0	48.852322	-86.947904	56346.20	56247.3	2.65	56348.85	56349.75391	56357.89378	56357.24609	503821.7	5411040.6
L3820.0	503821.7	5411040.6	79978.79688	330.80	0	48.852322	-86.947904	56346.15	56247.3	2.65	56348.80	56349.70703	56353.33143	56352.65625	503821.7	5411040.6
L3820.0	503821.6	5411038.8	79978.89844	329.47	0	48.852306	-86.947905	56346.54	56247.3	2.65	56349.19	56350.09766	56358.44550	56357.74609	503821.6	5411038.8
L3820.0	503821.6	5411037.2	79979.00000	329.85	0	48.852291	-86.947905	56346.74	56247.3	2.65	56349.39	56350.30078	56359.39699	56358.67188	503821.6	5411037.2
L3820.0	503821.6	5411037.2	79979.10156	329.32	0	48.852291	-86.947905	56346.71	56247.4	2.65	56349.36	56350.26953	56355.29439	56354.54297	503821.6	5411037.2
L3820.0	503821.6	5411035.8	79979.20313	330.53	0	48.852279	-86.947905	56346.72	56247.4	2.65	56349.37	56350.28125	56352.07235	56351.29688	503821.6	5411035.8
L3820.0	503821.6	5411034.3	79979.29688	330.18	0	48.852265	-86.947905	56346.86	56247.4	2.65	56349.51	56350.42578	56351.72172	56350.91797	503821.6	5411034.3
L3820.0	503821.6	5411034.3	79979.39844	331.33	0	48.852265	-86.947905	56347.14	56247.4	2.65	56349.79	56350.70703	56354.47628	56353.64844	503821.6	5411034.3
L3820.0	503821.6	5411032.6	79979.50000	330.04	0	48.852249	-86.947906	56347.38	56247.4	2.65	56350.02	56350.93750	56356.14053	56355.28516	503821.6	5411032.6
L3820.0	503821.6	5411032.6	79979.60156	331.47	0	48.852249	-86.947906	56347.71	56247.4	2.64	56350.36	56351.27734	56360.25656	56359.37500	503821.6	5411032.6
L3820.0	503821.5	5411031.0	79979.70313	332.22	0	48.852235	-86.947906	56347.81	56247.4	2.64	56350.45	56351.36719	56358.84416	56357.93750	503821.5	5411031.0
L3820.0	503821.5	5411029.7	79979.70313	332.22	0	48.852224	-86.947907	56348.04	56247.4	2.64	56350.69	56351.60938	56360.76887	56359.83984	503821.5	5411029.7
L3820.0	503821.5	5411028.1	79979.89844	333.24	0	48.852210	-86.947907	56347.94	56247.4	2.64	56350.58	56351.50000	56354.94315	56353.98828	503821.5	5411028.1
L3820.0	503821.5	5411028.1	79980.00000	332.15	0	48.852210	-86.947907	56348.38	56247.4	2.64	56351.01	56351.92969	56361.10523	56360.12891	503821.5	5411028.1
L3820.0	503821.5	5411026.8	79980.10156	330.56	0	48.852197	-86.947907	56348.22	56247.4	2.64	56350.86	56351.78125	56354.42937	56353.42969	503821.5	5411026.8
L3820.0	503821.4	5411025.7	79980.20313	329.50	0	48.852187	-86.947907	56348.42	56247.4	2.64	56351.06	56351.98047	56355.52590	56354.50391	503821.4	5411025.7
L3820.0	503821.4	5411025.7	79980.29688	329.72	0	48.852187	-86.947907	56348.63	56247.4	2.64	56351.27	56352.19141	56356.85870	56355.81250	503821.4	5411025.7
L3820.0	503821.4	5411023.9	79980.39844	329.14	0	48.852171	-86.947908	56348.86	56247.4	2.64	56351.50	56352.42188	56358.64765	56357.58203	503821.4	5411023.9
L3820.0	503821.4	5411022.6	79980.50000	328.51	0	48.852160	-86.947909	56348.98	56247.4	2.65	56351.63	56352.55078	56358.25235	56357.16797	503821.4	5411022.6
L3820.0	503821.4	5411022.6	79980.60156	330.81	0	48.852160	-86.947909	56348.89	56247.4	2.65	56351.53	56352.45313	56352.83438	56351.73047	503821.4	5411022.6
L3820.0	503821.3	5411021.2	79980.70313	332.23	0	48.852147	-86.947909	56349.39	56247.4	2.65	56352.04	56352.96094	56360.82261	56359.69922	503821.3	5411021.2
L3820.0	503821.3	5411019.8	79980.79688	332.65	0	48.852134	-86.947910	56349.37	56247.4	2.65	56352.01	56352.92969	56357.00240	56355.86328	503821.3	5411019.8
L3820.0	503821.3	5411019.8	79980.89844	333.42	0	48.852134	-86.947910	56349.72	56247.4	2.65	56352.37	56353.28906	56361.73384	56360.57813	503821.3	5411019.8
L3820.0	503821.3	5411018.6	79981.00000	333.21	0	48.852123	-86.947910	56349.63	56247.3	2.65	56352.28	56353.19922	56356.67595	56355.50781	503821.3	5411018.6
L3820.0	503821.2	5411017.3	79981.10156	333.07	0	48.852112	-86.947910	56350.00	56247.4	2.65	56352.65	56353.57031	56361.67340	56360.49219	503821.2	5411017.3
L3820.0	503821.2	5411017.3	79981.20313	329.25	0	48.852112	-86.947910	56350.06	56247.4	2.65	56352.71	56353.62891	56359.95257	56358.75781	503821.2	5411017.3
L3820.0	503821.2	5411016.0	79981.29688	329.39	0	48.852100	-86.947911	56350.39	56247.4	2.65	56353.03	56353.94531	56363.92126	56362.71875	503821.2	5411016.0
L3820.0	503821.2	5411014.6	79981.39844	328.15	0	48.852088	-86.947911	56350.67	56247.4	2.65	56353.32	56354.23438	56367.27303	56366.06250	503821.2	5411014.6
L3820.0	503821.2	5411013.5	79981.50000	328.28	0	48.852078	-86.947911	56350.41	56247.4	2.64	56353.06	56353.97266	56358.69374	56357.47656	503821.2	5411013.5
L3820.0	503821.2	5411013.5	79981.60156	328.96	0	48.852078	-86.947911	56350.39	56247.4	2.64	56353.04	56353.95313	56355.36509	56354.14063	503821.2	5411013.5
L3820.0	503821.2	5411012.1	79981.70313	329.29	0	48.852065	-86.947911	56350.46	56247.4	2.64	56353.11	56354.02344	56354.02682	56352.80078	503821.2	5411012.1
L3820.0	503821.1	5411011.2	79981.70313	329.29	0	48.852057	-86.947912	56350.92	56247.4	2.64	56353.56	56354.46875	56361.02178	56359.79688	503821.1	5411011.2
L3820.0	503821.1	5411011.2	79981.89844	328.45	0	48.852057	-86.947912	56351.08	56247.4	2.64	56353.72	56354.62891	56361.73045	56360.50781	503821.1	5411011.2
L3820.0	503821.1	5411010.1	79982.00000	329.60	0	48.852048	-86.947912	56351.59	56247.4	2.64	56354.23	56355.13672	56370.15671	56368.93750	503821.1	5411010.1
L3820.0	503821.2	5411008.9	79982.10156	330.76	0	48.852036	-86.947911	56351.46	56247.4	2.64	56354.09	56354.99609	56364.37010	56363.15625	503821.2	5411008.9
L3820.0	503821.2	5411008.0	79982.20313	331.68	0	48.852028	-86.947911	56351.56	56247.4	2.63	56354.20	56355.10156	56364.10420	56362.89844	503821.2	5411008.0
L3820.0	503821.2	5411008.0	79982.29688	330.19	0	48.852028	-86.947911	56351.46	56247.4	2.63	56354.09	56354.99219	56359.01647	56357.82031	503821.2	5411008.0
L3820.0	503821.2	5411006.8	79982.39844	330.62	0	48.852018	-86.947911	56351.82	56247.4	2.63	56354.45	56355.34766	56364.34847	56363.16406	503821.2	5411006.8
L3820.0	503821.2	5411005.8	79982.50000	332.31	0	48.852008	-86.947911	56351.95	56247.4	2.63	56354.57	56355.46875	56364.41835	56363.25000	503821.2	5411005.8
L3820.0	503821.2	5411005.8	79982.60156	331.47	0	48.852008	-86.947911	56351.97	56247.4	2.62	56354.59	56355.48438	56362.30387	56361.15234	503821.2	5411005.8
L3820.0	503821.2	5411004.5	79982.70313	330.81	0	48.851997	-86.947911	56352.22	56247.4	2.62	56354.84	56355.73047	56365.34329	56364.21094	503821.2	5411004.5
L3820.0	503821.2	5411003.6	79982.79688	331.48	0	48.851989	-86.947911	56352.25	56247.4	2.62	56354.87	56355.76172	56363.52420	56362.41797	503821.2	5411003.6
L3820.0	503821.2	5411002.3	79982.89844	331.23	0	48.851977	-86.947911	56352.50	56247.4	2.61	56355.12	56356.00781	56366.65418	56365.57422	503821.2	5411002.3
L3820.0	503821.2	5411002.3	79983.00000	331.12	0	48.851977	-86.947911	56352.38	56247.4	2.61	56354.99	56355.87500	56361.33236	56360.28125	503821.2	5411002.3
L3820.0	503821.2	5411001.3	79983.10156	330.81	0	48.851968	-86.947911	56352.40	56247.4	2.61	56355.01	56355.89063	56359.39864	56358.37891	503821.2	5411001.3
L3820.0	503821.2	5411000.2	79983.20313	330.31	0	48.851958	-86.947911	56352.64	56247.4	2.61	56355.25	56356.12891	56362.43264	56361.44531	503821.2	5411000.2
L3820.0	503821.2	5410999.1	79983.29688	329.54	0	48.851948	-86.947911	56353.04	56247.4	2.61	56355.66	56356.53516	56369.32433	56368.37891	503821.2	5410999.1
L3820.0	503821.2	5410999.1	79983.39844	331.20	0	48.851948	-86.947911	56352.86	56247.4	2.61	56355.48	56356.35547	56363.03107	56362.12500	503821.2	5410999.1

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L3820.0	503821.2	5410997.8	79983.50000	330.49	0	48.851937	-86.947911	56353.04	56247.4	2.62	56355.66	56356.53125	56364.85479	56363.99219	503821.2	5410997.8
L3820.0	503821.2	5410996.7	79983.60156	331.79	0	48.851927	-86.947911	56353.17	56247.4	2.62	56355.78	56356.64844	56365.37668	56364.56250	503821.2	5410996.7
L3820.0	503821.2	5410996.7	79983.70313	331.40	0	48.851927	-86.947911	56353.25	56247.4	2.62	56355.86	56356.72656	56365.04375	56364.28125	503821.2	5410996.7
L3820.0	503821.2	5410995.8	79983.70313	331.40	0	48.851919	-86.947911	56353.27	56247.4	2.62	56355.89	56356.75391	56363.62865	56362.91797	503821.2	5410995.8
L3820.0	503821.2	5410994.8	79983.89844	330.67	0	48.851910	-86.947911	56353.37	56247.4	2.62	56355.99	56356.84766	56363.83170	56363.17969	503821.2	5410994.8
L3820.0	503821.2	5410994.8	79984.00000	329.94	0	48.851910	-86.947911	56353.86	56247.4	2.62	56356.48	56357.33594	56372.88169	56372.28906	503821.2	5410994.8
L3820.0	503821.2	5410993.6	79984.10156	330.52	0	48.851899	-86.947910	56353.86	56247.4	2.62	56356.48	56357.33203	56370.92868	56370.40234	503821.2	5410993.6
L3820.0	503821.2	5410993.6	79984.20313	330.12	0	48.851899	-86.947910	56353.86	56247.4	2.63	56356.49	56357.33984	56369.24002	56368.78125	503821.2	5410993.6
L3820.0	503821.2	5410992.8	79984.29688	331.10	0	48.851892	-86.947910	56353.73	56247.4	2.63	56356.36	56357.20703	56364.40742	56364.01953	503821.2	5410992.8
L3820.0	503821.3	5410991.8	79984.39844	331.06	0	48.851882	-86.947910	56353.81	56247.4	2.63	56356.44	56357.28516	56364.37453	56364.06250	503821.3	5410991.8
L3820.0	503821.3	5410990.8	79984.50000	332.41	0	48.851874	-86.947910	56353.91	56247.4	2.64	56356.55	56357.39063	56365.06691	56364.83203	503821.3	5410990.8
L3820.0	503821.3	5410990.8	79984.60156	332.97	0	48.851874	-86.947910	56354.12	56247.4	2.64	56356.75	56357.58594	56367.86397	56367.71094	503821.3	5410990.8
L3820.0	503821.3	5410989.9	79984.70313	332.48	0	48.851865	-86.947910	56354.09	56247.4	2.64	56356.73	56357.56250	56365.66062	56365.58984	503821.3	5410989.9
L3820.0	503821.3	5410989.1	79984.79688	333.61	0	48.851858	-86.947910	56353.86	56247.4	2.64	56356.50	56357.32813	56358.64137	56358.66016	503821.3	5410989.1
L3820.0	503821.3	5410989.1	79984.89844	335.31	0	48.851858	-86.947910	56353.86	56247.4	2.65	56356.50	56357.32813	56356.93184	56357.04688	503821.3	5410989.1
L3820.0	503821.3	5410988.2	79985.00000	335.67	0	48.851850	-86.947910	56353.76	56247.3	2.65	56356.41	56357.23438	56353.16278	56353.37109	503821.3	5410988.2
L3820.0	503821.3	5410988.2	79985.10156	334.39	0	48.851850	-86.947910	56354.29	56247.4	2.65	56356.94	56357.75781	56363.80535	56364.11328	503821.3	5410988.2
L3820.0	503821.3	5410986.9	79985.20313	333.25	0	48.851839	-86.947910	56354.34	56247.4	2.64	56356.99	56357.80469	56363.35605	56363.76563	503821.3	5410986.9
L3820.0	503821.3	5410986.3	79985.29688	332.16	0	48.851833	-86.947910	56354.55	56247.4	2.64	56357.18	56357.99219	56366.19468	56366.71484	503821.3	5410986.3
L3820.0	503821.3	5410985.4	79985.39844	333.31	0	48.851825	-86.947910	56354.45	56247.4	2.63	56357.08	56357.89063	56362.30401	56362.93359	503821.3	5410985.4
L3820.0	503821.3	5410985.4	79985.50000	332.45	0	48.851825	-86.947910	56354.57	56247.4	2.63	56357.20	56358.00391	56363.56582	56364.30859	503821.3	5410985.4
L3820.0	503821.2	5410984.5	79985.60156	334.39	0	48.851817	-86.947910	56354.93	56247.4	2.63	56357.56	56358.36328	56370.45047	56371.31250	503821.2	5410984.5
L3820.0	503821.2	5410984.5	79985.70313	333.36	0	48.851817	-86.947910	56355.01	56247.4	2.62	56357.63	56358.42969	56370.59071	56371.57031	503821.2	5410984.5
L3820.0	503821.2	5410983.8	79985.70313	333.36	0	48.851810	-86.947911	56354.81	56247.4	2.62	56357.43	56358.22266	56364.46012	56365.56641	503821.2	5410983.8
L3820.0	503821.2	5410983.1	79985.89844	332.58	0	48.851804	-86.947911	56354.70	56247.4	2.61	56357.31	56358.10156	56360.22357	56361.46094	503821.2	5410983.1
L3820.0	503821.2	5410982.6	79986.00000	333.88	0	48.851799	-86.947911	56354.96	56247.4	2.61	56357.57	56358.35547	56364.84682	56366.21484	503821.2	5410982.6
L3820.0	503821.2	5410982.6	79986.10156	332.00	0	48.851799	-86.947911	56355.08	56247.4	2.61	56357.69	56358.47266	56366.22633	56367.72656	503821.2	5410982.6
L3820.0	503821.2	5410981.7	79986.20313	331.64	0	48.851792	-86.947911	56354.96	56247.4	2.61	56357.57	56358.35156	56362.06142	56363.70313	503821.2	5410981.7
L3820.0	503821.2	5410981.2	79986.29688	332.58	0	48.851787	-86.947911	56355.01	56247.4	2.61	56357.62	56358.39453	56361.85575	56363.64063	503821.2	5410981.2
L3820.0	503821.2	5410980.6	79986.39844	330.70	0	48.851782	-86.947911	56355.08	56247.4	2.61	56357.69	56358.46094	56362.12636	56364.05859	503821.2	5410980.6
L3820.0	503821.2	5410980.0	79986.50000	330.94	0	48.851776	-86.947912	56355.18	56247.4	2.61	56357.79	56358.55859	56363.09951	56365.17969	503821.2	5410980.0
L3820.0	503821.2	5410980.0	79986.60156	331.21	0	48.851776	-86.947912	56355.16	56247.4	2.61	56357.77	56358.53516	56361.32193	56363.55078	503821.2	5410980.0
L3820.0	503821.1	5410979.3	79986.70313	332.57	0	48.851770	-86.947912	56355.24	56247.4	2.61	56357.85	56358.60938	56361.85463	56364.23828	503821.1	5410979.3
L3820.0	503821.1	5410978.9	79986.79688	330.42	0	48.851767	-86.947912	56355.26	56247.4	2.61	56357.87	56358.62891	56361.01772	56363.56250	503821.1	5410978.9
L3820.0	503821.1	5410978.2	79986.89844	329.90	0	48.851760	-86.947912	56355.44	56247.4	2.61	56358.05	56358.80469	56363.85447	56366.56250	503821.1	5410978.2
L3820.0	503821.1	5410978.2	79987.00000	330.02	0	48.851760	-86.947912	56355.78	56247.4	2.61	56358.39	56359.14063	56370.35736	56373.23047	503821.1	5410978.2
L3820.0	503821.1	5410977.5	79987.10156	329.61	0	48.851754	-86.947913	56356.03	56247.4	2.61	56358.64	56359.38672	56374.80116	56377.83984	503821.1	5410977.5
L3820.0	503821.1	5410976.9	79987.20313	331.09	0	48.851748	-86.947913	56356.06	56247.4	2.61	56358.67	56359.41016	56374.21130	56377.41797	503821.1	5410976.9
L3820.0	503821.1	5410976.9	79987.29688	331.44	0	48.851748	-86.947913	56356.11	56247.4	2.60	56358.71	56359.44922	56373.85347	56377.23828	503821.1	5410976.9
L3820.0	503821.1	5410976.2	79987.39844	332.00	0	48.851743	-86.947913	56356.11	56247.4	2.60	56358.71	56359.44531	56372.57779	56376.13672	503821.1	5410976.2
L3820.0	503821.1	5410975.7	79987.50000	333.35	0	48.851738	-86.947913	56356.18	56247.4	2.60	56358.78	56359.51172	56372.90572	56376.64453	503821.1	5410975.7
L3820.0	503821.1	5410975.7	79987.60156	332.90	0	48.851738	-86.947913	56356.51	56247.4	2.60	56359.11	56359.83594	56379.21651	56383.13672	503821.1	5410975.7
L3820.0	503821.1	5410975.0	79987.70313	332.38	0	48.851732	-86.947913	56356.48	56247.4	2.60	56359.08	56359.80469	56377.23861	56381.34375	503821.1	5410975.0
L3820.0	503821.1	5410974.6	79987.70313	332.38	0	48.851728	-86.947913	56356.31	56247.4	2.60	56358.91	56359.62891	56372.00586	56376.29688	503821.1	5410974.6
L3820.0	503821.1	5410974.6	79987.89844	330.72	0	48.851728	-86.947913	56356.13	56247.4	2.59	56358.72	56359.43750	56366.27373	56370.75391	503821.1	5410974.6
L3820.0	503821.1	5410974.1	79988.00000	332.39	0	48.851723	-86.947913	56356.16	56247.4	2.59	56358.75	56359.46094	56365.60801	56370.28125	503821.1	5410974.1
L3820.0	503821.1	5410973.6	79988.10156	333.31	0	48.851719	-86.947913	56356.08	56247.4	2.59	56358.67	56359.37891	56362.36126	56367.22656	503821.1	5410973.6
L3820.0	503821.1	5410973.6	79988.20313	331.81	0	48.851719	-86.947913	56356.05	56247.4	2.59	56358.64	56359.34375	56360.24617	56365.30859	503821.1	5410973.6
L3820.0	503821.1	5410973.2	79988.29688	331.02	0	48.851715	-86.947913	56356.14	56247.4	2.58	56358.72	56359.42188	56360.66912	56365.92969	503821.1	5410973.2
L3820.0	503821.1	5410972.8	79988.39844	332.11	0	48.851712	-86.947912	56356.25	56247.4	2.58	56358.84	56359.53516	56362.00405	56367.46484	503821.1	5410972.8
L3820.0	503821.1	5410972.8	79988.50000	331.29	0	48.851712	-86.947912	56356.26	56247.4	2.58	56358.84	56359.53125	56360.50719	56366.16797	503821.1	5410972.8
L3820.0	503821.1	5410972.3	79988.60156	332.85	0	48.851707	-86.947912	56356.46	56247.4	2.58	56359.04	56359.73047	56363.66483	56369.52734	503821.1	5410972.3
L3820.0	503821.2	5410971.9	79988.70313	333.99	0	48.851704	-86.947912	56356.41	56247.4	2.58	56358.98	56359.66406	56360.70222	56366.76953	503821.2	5410971.9
L3820.0	503821.2	5410971.9	79988.79688	334.41	0	48.851704	-86.947912	56356.48	56247.4	2.57	56359.06	56359.74219	56360.98861	56367.26563	503821.2	5410971.9
L3820.0	503821.2	5410971.5	79988.89844	337.20	0	48.851700	-86.947912	56356.41	56247.4	2.57	56358.99	56359.66797	56357.72499	56364.21094	503821.2	5410971.5
L3820.0	503821.2	5410971.2	79989.00000	335.50	0	48.851697	-86.947911	56356.34	56247.4	2.57	56358.91	56359.58203	56354.19445	56360.89063	503821.2	5410971.2
L3820.0	503821.2	5410971.2	79989.10156	335.02	0	48.851697	-86.947911	56356.38	56247.4	2.57	56358.95	56359.62109	56353.44472	56360.34766	503821.2	5410971.2
L3820.0	503821.2	5410970.8	79989.20313	333.01	0	48.851694	-86.947911	56356.41	56247.4	2.57	56358.98	56359.64453	56352.42676	56359.53906	503821.2	5410970.8
L3820.0	503821.2	5410970.8	79989.29688	331.93	0	48.851694	-86.947911	56356.36	56247.4	2.57	56358.93	56359.59375	56349.50257	56356.82813	503821.2	5410970.8
L3820.0	503821.2	5410970.5	79989.39844	330.95	0	48.851691	-86.947911	56356.41	56247.4	2.57	56358.97	56359.62891	56348.65048	56356.19141	503821.2	5410970.5
L3820.0	503821.2	5410970.3	79989.50000	332.38	0	48.851689	-86.947911	56356.08	56247.4	2.57	56358.64	56359.29688	56339.12474	56346.88281	503821.2	5410970.3
L3820.0	503821.2	5410970.0	79989.60156	333.06	0	48.851687	-86.947911	56355.88	56247.4	2.56	56358.44	56359.08984	56332.61492	56340.58594	503821.2	5410970.0
L3820.0	503821.2	5410970.0	79989.70313	332.72	0	48.851687	-86.947911	56356.31	56247.4	2.56	56358.88	56359.52734	56340.98336	56349.16797	503821.2	5410970.0
L3820.0	503821.2	5410969.8	79989.70313	332.72	0	48.851685	-86.947911	56356.46	56247.4	2.56	56359.02	56359.66406	56342.31260	56350.71484	503821.2	5410969.8
L3820.0	503821.2	5410969.8	79989.89844	331.72	0	48.851685	-86.947911	56356.23	56247.4	2.56	56358.79	56359.42969	56335.00739	56343.62891	503821.2	5410969.8
L3820.0	503821.2	5410969.6	79990.00000	331.32	0	48.851683	-86.947911	56356.00	56247.4	2.56	56358.56	56359.19531	56327.68185	56336.51953	503821.2	5410969.6
L3820.0	503821.2	5410969.5	79990.10156	332.17	0	48.851682	-86.947911	56356.06	56247.4	2.56	56358.62	56359.25391	56327.04536	56336.09766	503821.2	5410969.5
L3830.0	503832.3	5410765.6	41516.00000	259.92	0	48.849847	-86.947762	56344.14	56243.9	6.09	56350.23	56348.67969	56356.10603	56353.52344	503832.3	5410765.6
L3830.0	503832.4	5410765.3	41516.10156	262.12	0	48.849845	-86.947761	56343.88	56243.9	6.09	56349.97	56348.47266	56355.51584	56353.03125	503832.4	5410765.3
L3830.0	503832.4	5410765.0	41516.19922	263.90	0	48.849843	-86.947761	56343.20	56243.9	6.09	56349.29	56347.84766	56354.92798	56352.53906	503832.4	5410765.0
L3830.0	503832.4	5410764.8	41516.30078	262.35	0	48.849840	-86.947760	56343.02	56243.9	6.09	56349.11	56347.71875	56354.36013	56352.06641	503832.4	5410764.8
L3830.0	503832.4	5410764.8	41516.39844	262.38	0	48.849840	-86.947760	56342.83	56243.9	6.09	56348.92	56347.58203	56353.80753	56351.60938	503832.4	5410764.8
L3830.0	503832.5	5410764.5	41516.39844	262.38	0	48.849838	-86.947760	56342.63	56243.9	6.09	56348.72	56347.43750	56353.26921	56351.16797	503832.5	5410764.5
L3830.0	503832.5	5410764.2	41516.60156	262.85	0	48.849835	-86.947759	56342.04	56243.9	6.09	56348.13	56346.89844	56352.72191	56350.71484	503832.5	5410764.2
L3830.0	503832.5	5410763.9	41516.69922	264.22	0	48.849832	-86.947759	56342.22	56243.9	6.09	56348.31	56347.13281	56352.23295	56350.32031	503832.5	5410763.9
L3830.0	503832.5	5410763.9	41516.80078	264.99	0	48.849832	-86.947759	56341.86	56243.9	6.09	56347.95	56346.82422	56351.72240	56349.90625	503832.5	5410763.9
L3830.0	503832.5	5410763.5	41516.89844	264.90	0	48.849829	-86.947758	56341.23	56243.9	6.09	56347.32	56346.25000	56351.20178	56349.48047	503832.5	5410763.5
L3830.0	503832.6	5410763.2	41517.00000	265.45	0	48.849826	-86.947758	56340.69	56243.9	6.09	56346.78	56345.76172	56350.69534	56349.07031	503832.6	5410763.2
L3830.0	503832.5	5410762.8	41517.10156	264.01	0	48.849823	-86.947758	56340.18	56243.9	6.09	56346.27	56345.30469	56350.19862	56348.66797	503832.5	5410762.8
L3830.0	503832.5	5410762.8	41517.19922	265.59	0	48.849823	-86.947758	56339.98	56243.9	6.09	56346.06	56345.14453	56349.73116	56348.29297	503832.5	5410762.8
L3830.0	503832.5	5410762.5	41517.30078	264.56	0	48.849819	-86.947759	56339.75	56243.9	6.08	56345.83	56344.96875	56349.26758	56347.92578	503832.5	5410762.5
L3830.0	503832.5	5410762.5	41517.39844	263.50	0	48.849819	-86.947759	56340.06	56243.9	6.08	56346.14	56345.33203	56348.84670	56347.59766	503832.5	5410762.5
L3830.0	503832.5	5410762.0	41517.50000	263.22	0	48.849815	-86.947759	56340.08	56243.9	6.08	56346.16	56345.40234	56348.40606	56347.25000	503832.5	5410762.0
L3830.0	503832.5	5410761.7	41517.60156	261.64	0	48.849812	-86.947760	56339.62	56243.9	6.08	56345.70	56344.99609	56347.93377	56346.87109	503832.5	5410761.7
L3830.0	503832.4	5410761.3	41517.69922	260.94	0	48.849809	-86.947760	56339.36	56243.9	6.08	56345.43	56344.77734	56347.47563	56346.50781	503832.4	5410761.3
L3830.0	503832.4	5410761.3	41517.80078	261.20	0	48.849809	-86.947760	56339.16	56243.9	6.07	56345.23	56344.63281	56347.02229	56346.14453	503832.4	5410761.3
L3830.0	503832.3	5410760.8	41517.89844	259.53	0	48.849804	-86.947761	56338.75	56243.9	6.07	56344.82	56344.27344	56346.55659	56345.77344	503832.3	5410760.8
L3830.0	503832.3	5410760.3	41518.00000	260.58	0	48.849800	-86.947762	56338.52	56243.9	6.07	56344.59	56344.09766	56346.10242	56345.41016	503832.3	5410760.3
L3830.0	503832.3	5410760.3	41518.10156	257.92	0	48.849800	-86.947762	56338.32	56243.9	6.07	56344.38	56343.93750	56345.65000	56345.04688	503832.3	5410760.3
L3830.0	503832.2	5410759.7	41518.19922	259.21	0	48.849794	-86.947763	56337.89	56243.9	6.06	56343.95	56343.55859	56345.18575	56344.67578	503832.2	5410759.7
L3830.0	503832.1	5410759.1	41518.30078	261.08	0	48.849790	-86.947764	56337.96	56243.9	6.06	56344.01	56343.67188	56344.75107	56344.33203	503832.1	5410759.1
L3830.0	503832.1	5410758.7	41518.39844	260.16	0	48.849785	-86.947765	56337.81	56243.9	6.05	56343.86	56343.57422	56344.30614	56343.97656	503832.1	5410758.7
L3830.0	503832.1	5410758.7	41518.39844	260.16	0	48.849785	-86.947765	56337.86	56243.9	6.05	56343.91	56343.67578	56343.87575	56343.63281	503832.1	5410758.7

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L3830.0	503832.0	5410758.1	41518.60156	261.53	0	48.849780	-86.947766	56337.81	56244	6.05	56343.86	56343.67578	56343.44268	56343.28906	503832.0	5410758.1
L3830.0	503832.0	5410757.5	41518.69922	264.37	0	48.849774	-86.947767	56337.47	56244	6.04	56343.51	56343.37891	56342.99367	56342.92969	503832.0	5410757.5
L3830.0	503832.0	5410757.5	41518.80078	265.40	0	48.849774	-86.947767	56337.64	56244	6.04	56343.68	56343.59766	56342.58250	56342.60547	503832.0	5410757.5
L3830.0	503831.9	5410757.0	41518.89844	263.49	0	48.849770	-86.947767	56337.61	56244	6.03	56343.64	56343.60938	56342.16157	56342.27344	503831.9	5410757.0
L3830.0	503831.9	5410756.4	41519.00000	263.70	0	48.849765	-86.947767	56337.86	56244	6.03	56343.89	56343.91016	56341.76566	56341.96094	503831.9	5410756.4
L3830.0	503831.9	5410755.7	41519.10156	264.52	0	48.849759	-86.947767	56337.63	56244	6.03	56343.66	56343.73047	56341.33738	56341.62109	503831.9	5410755.7
L3830.0	503831.9	5410755.7	41519.19922	265.37	0	48.849759	-86.947767	56337.07	56244	6.03	56343.10	56343.22266	56340.88430	56341.25391	503831.9	5410755.7
L3830.0	503832.0	5410755.0	41519.30078	264.18	0	48.849753	-86.947767	56336.54	56244	6.03	56342.57	56342.74219	56340.43289	56340.88672	503832.0	5410755.0
L3830.0	503832.0	5410754.4	41519.39844	263.83	0	48.849747	-86.947766	56336.58	56244	6.03	56342.61	56342.83594	56340.02637	56340.56250	503832.0	5410754.4
L3830.0	503832.0	5410753.8	41519.50000	263.75	0	48.849742	-86.947766	56336.61	56244	6.03	56342.64	56342.91406	56339.61811	56340.23828	503832.0	5410753.8
L3830.0	503832.0	5410753.8	41519.60156	264.31	0	48.849742	-86.947766	56336.51	56244	6.04	56342.54	56342.86328	56339.19752	56339.89844	503832.0	5410753.8
L3830.0	503832.0	5410753.1	41519.69922	264.86	0	48.849736	-86.947766	56336.05	56244	6.04	56342.08	56342.45703	56338.74677	56339.53125	503832.0	5410753.1
L3830.0	503832.0	5410753.1	41519.80078	267.57	0	48.849736	-86.947766	56335.89	56244	6.04	56341.93	56342.35547	56338.31768	56339.18359	503832.0	5410753.1
L3830.0	503832.1	5410752.2	41519.89844	268.62	0	48.849728	-86.947765	56335.36	56244	6.04	56341.39	56341.86719	56337.85792	56338.80469	503832.1	5410752.2
L3830.0	503832.1	5410751.6	41520.00000	265.18	0	48.849722	-86.947764	56334.72	56244	6.04	56340.76	56341.28516	56337.39204	56338.41797	503832.1	5410751.6
L3830.0	503832.2	5410751.0	41520.10156	262.41	0	48.849717	-86.947764	56334.59	56244	6.04	56340.63	56341.20313	56336.95919	56338.06250	503832.2	5410751.0
L3830.0	503832.2	5410751.0	41520.19922	264.78	0	48.849717	-86.947764	56334.70	56244	6.03	56340.73	56341.35547	56336.53799	56337.71875	503832.2	5410751.0
L3830.0	503832.2	5410750.3	41520.30078	259.51	0	48.849711	-86.947763	56334.54	56244	6.03	56340.57	56341.24219	56336.09917	56337.35938	503832.2	5410750.3
L3830.0	503832.2	5410749.7	41520.39844	260.42	0	48.849704	-86.947763	56334.28	56244	6.02	56340.31	56341.03125	56335.65490	56336.99219	503832.2	5410749.7
L3830.0	503832.2	5410749.7	41520.39844	260.42	0	48.849704	-86.947763	56334.23	56244	6.02	56340.25	56341.01953	56335.22163	56336.63281	503832.2	5410749.7
L3830.0	503832.3	5410748.8	41520.60156	261.20	0	48.849696	-86.947762	56333.95	56244	6.02	56339.97	56340.78906	56334.77941	56336.26563	503832.3	5410748.8
L3830.0	503832.3	5410748.1	41520.69922	259.50	0	48.849690	-86.947762	56333.37	56244	6.01	56339.38	56340.25000	56334.32724	56335.89063	503832.3	5410748.1
L3830.0	503832.3	5410747.2	41520.80078	259.81	0	48.849682	-86.947761	56332.52	56244	6.01	56338.53	56339.44922	56333.86977	56335.50391	503832.3	5410747.2
L3830.0	503832.3	5410747.2	41520.89844	257.38	0	48.849682	-86.947761	56332.15	56244	6.00	56338.15	56339.11719	56333.43705	56335.14453	503832.3	5410747.2
L3830.0	503832.4	5410746.4	41521.00000	259.26	0	48.849675	-86.947761	56332.70	56244	6.00	56338.70	56339.71484	56333.04726	56334.82813	503832.4	5410746.4
L3830.0	503832.4	5410745.4	41521.10156	261.43	0	48.849666	-86.947761	56332.24	56244	6.00	56338.24	56339.30078	56332.62081	56334.47266	503832.4	5410745.4
L3830.0	503832.4	5410744.6	41521.19922	261.58	0	48.849659	-86.947760	56332.09	56244	6.00	56338.08	56339.19141	56332.21207	56334.13281	503832.4	5410744.6
L3830.0	503832.4	5410744.6	41521.30078	262.16	0	48.849659	-86.947760	56331.88	56244	6.00	56337.88	56339.03906	56331.80662	56333.79688	503832.4	5410744.6
L3830.0	503832.4	5410743.8	41521.39844	262.14	0	48.849651	-86.947760	56331.56	56244	6.00	56337.56	56338.76563	56331.39986	56333.46094	503832.4	5410743.8
L3830.0	503832.5	5410742.8	41521.50000	262.00	0	48.849642	-86.947760	56330.76	56244	6.00	56336.75	56338.00391	56330.97100	56333.09766	503832.5	5410742.8
L3830.0	503832.5	5410742.1	41521.60156	263.02	0	48.849636	-86.947760	56330.23	56244	5.99	56336.22	56337.51953	56330.55675	56332.75000	503832.5	5410742.1
L3830.0	503832.5	5410742.1	41521.69922	262.50	0	48.849636	-86.947760	56330.07	56244	5.99	56336.06	56337.40625	56330.16409	56332.42578	503832.5	5410742.1
L3830.0	503832.5	5410741.1	41521.80078	262.14	0	48.849627	-86.947760	56329.82	56244	5.99	56335.82	56337.21484	56329.76833	56332.09375	503832.5	5410741.1
L3830.0	503832.5	5410740.0	41521.89844	263.01	0	48.849618	-86.947760	56329.66	56244	5.99	56335.65	56337.09375	56329.37737	56331.76953	503832.5	5410740.0
L3830.0	503832.5	5410739.4	41522.00000	264.82	0	48.849612	-86.947760	56329.46	56244	5.99	56335.45	56336.93750	56328.98434	56331.43750	503832.5	5410739.4
L3830.0	503832.5	5410739.4	41522.10156	261.61	0	48.849612	-86.947760	56329.64	56244	5.99	56335.63	56337.16406	56328.61642	56331.13281	503832.5	5410739.4
L3830.0	503832.5	5410738.0	41522.19922	262.80	0	48.849599	-86.947760	56329.13	56244	5.98	56335.11	56336.69141	56328.19876	56330.77734	503832.5	5410738.0
L3830.0	503832.5	5410737.1	41522.30078	263.26	0	48.849591	-86.947760	56328.77	56244	5.98	56334.75	56336.37891	56327.78880	56330.42969	503832.5	5410737.1
L3830.0	503832.5	5410737.1	41522.39844	265.09	0	48.849591	-86.947760	56328.49	56244	5.98	56334.47	56336.14453	56327.38071	56330.08203	503832.5	5410737.1
L3830.0	503832.5	5410735.6	41522.39844	265.09	0	48.849578	-86.947760	56328.08	56244	5.98	56334.06	56335.78125	56326.95915	56329.71875	503832.5	5410735.6
L3830.0	503832.5	5410735.0	41522.60156	268.19	0	48.849573	-86.947760	56327.66	56244	5.97	56333.63	56335.39453	56326.53201	56329.35156	503832.5	5410735.0
L3830.0	503832.4	5410733.8	41522.69922	266.38	0	48.849562	-86.947760	56327.32	56244	5.97	56333.29	56335.10156	56326.10804	56328.98438	503832.4	5410733.8
L3830.0	503832.4	5410733.8	41522.80078	264.42	0	48.849562	-86.947760	56326.98	56244	5.97	56332.95	56334.80859	56325.68115	56328.61328	503832.4	5410733.8
L3830.0	503832.4	5410732.9	41522.89844	263.43	0	48.849553	-86.947760	56326.42	56244	5.96	56332.38	56334.28125	56325.23609	56328.22656	503832.4	5410732.9
L3830.0	503832.4	5410732.9	41523.00000	262.10	0	48.849553	-86.947760	56326.14	56244	5.96	56332.10	56334.04688	56324.80887	56327.85547	503832.4	5410732.9
L3830.0	503832.4	5410731.5	41523.10156	262.44	0	48.849541	-86.947761	56325.79	56244	5.96	56331.74	56333.73438	56324.37451	56327.47266	503832.4	5410731.5
L3830.0	503832.4	5410730.4	41523.19922	261.56	0	48.849531	-86.947761	56325.64	56244	5.95	56331.59	56333.62891	56323.95183	56327.10547	503832.4	5410730.4
L3830.0	503832.4	5410730.4	41523.30078	263.78	0	48.849531	-86.947761	56325.13	56244	5.95	56331.08	56333.16406	56323.50656	56326.71094	503832.4	5410730.4
L3830.0	503832.4	5410729.2	41523.39844	263.65	0	48.849521	-86.947761	56324.74	56244.1	5.95	56330.69	56332.81641	56323.06920	56326.32813	503832.4	5410729.2
L3830.0	503832.4	5410728.2	41523.50000	260.87	0	48.849512	-86.947761	56324.48	56244.1	5.94	56330.43	56332.60156	56322.64038	56325.94922	503832.4	5410728.2
L3830.0	503832.4	5410728.2	41523.60156	260.43	0	48.849512	-86.947761	56324.31	56244.1	5.94	56330.26	56332.47656	56322.21828	56325.57813	503832.4	5410728.2
L3830.0	503832.3	5410726.5	41523.69922	259.61	0	48.849496	-86.947762	56323.84	56244.1	5.94	56329.78	56332.04297	56321.78335	56325.19531	503832.3	5410726.5
L3830.0	503832.3	5410725.6	41523.80078	260.15	0	48.849488	-86.947762	56323.31	56244.1	5.94	56329.25	56331.55469	56321.35056	56324.80859	503832.3	5410725.6
L3830.0	503832.3	5410724.6	41523.89844	262.63	0	48.849479	-86.947763	56322.93	56244.1	5.93	56328.86	56331.21094	56320.92951	56324.43750	503832.3	5410724.6
L3830.0	503832.3	5410724.6	41524.00000	262.42	0	48.849479	-86.947763	56322.80	56244.1	5.93	56328.73	56331.12500	56320.52501	56324.08203	503832.3	5410724.6
L3830.0	503832.2	5410723.6	41524.10156	263.42	0	48.849470	-86.947763	56322.52	56244.1	5.93	56328.45	56330.88672	56320.11731	56323.71875	503832.2	5410723.6
L3830.0	503832.2	5410722.2	41524.19922	265.16	0	48.849457	-86.947763	56322.00	56244.1	5.93	56327.93	56330.41016	56319.70054	56323.34766	503832.2	5410722.2
L3830.0	503832.2	5410722.2	41524.30078	260.48	0	48.849457	-86.947763	56321.66	56244.1	5.92	56327.58	56330.10547	56319.29323	56322.98828	503832.2	5410722.2
L3830.0	503832.2	5410721.1	41524.39844	259.43	0	48.849448	-86.947764	56321.19	56244.1	5.92	56327.11	56329.67969	56318.87923	56322.61719	503832.2	5410721.1
L3830.0	503832.2	5410721.1	41524.39844	259.43	0	48.849448	-86.947764	56320.54	56244.1	5.92	56326.46	56329.07031	56318.45340	56322.23828	503832.2	5410721.1
L3830.0	503832.2	5410719.7	41524.60156	261.46	0	48.849435	-86.947764	56320.43	56244.1	5.92	56326.34	56328.99609	56318.05119	56321.87891	503832.2	5410719.7
L3830.0	503832.2	5410718.9	41524.69922	261.53	0	48.849427	-86.947764	56320.12	56244.1	5.92	56326.04	56328.73828	56317.63587	56321.50391	503832.2	5410718.9
L3830.0	503832.2	5410717.7	41524.80078	262.27	0	48.849416	-86.947764	56319.96	56244.1	5.91	56325.88	56328.62109	56317.22251	56321.13281	503832.2	5410717.7
L3830.0	503832.2	5410717.7	41524.89844	261.16	0	48.849416	-86.947764	56320.22	56244.1	5.91	56326.14	56328.92188	56316.82294	56320.77734	503832.2	5410717.7
L3830.0	503832.1	5410716.6	41525.00000	262.88	0	48.849407	-86.947764	56319.76	56244.1	5.91	56325.67	56328.49609	56316.38301	56320.37500	503832.1	5410716.6
L3830.0	503832.1	5410715.5	41525.10156	265.26	0	48.849397	-86.947764	56319.13	56244.1	5.91	56325.04	56327.91016	56315.93233	56319.96484	503832.1	5410715.5
L3830.0	503832.1	5410714.5	41525.19922	266.49	0	48.849388	-86.947764	56318.64	56244.1	5.91	56324.55	56327.46094	56315.48442	56319.55859	503832.1	5410714.5
L3830.0	503832.1	5410714.5	41525.30078	266.15	0	48.849388	-86.947764	56318.51	56244.1	5.90	56324.42	56327.37500	56315.04563	56319.15625	503832.1	5410714.5
L3830.0	503832.1	5410713.1	41525.39844	265.86	0	48.849375	-86.947764	56318.03	56244.1	5.90	56323.93	56326.92578	56314.59072	56318.74219	503832.1	5410713.1
L3830.0	503832.1	5410712.1	41525.50000	264.89	0	48.849367	-86.947765	56317.83	56244.1	5.90	56323.73	56326.76563	56314.14064	56318.32813	503832.1	5410712.1
L3830.0	503832.1	5410711.0	41525.60156	262.67	0	48.849357	-86.947765	56317.39	56244.1	5.90	56323.29	56326.37109	56313.68126	56317.90625	503832.1	5410711.0
L3830.0	503832.1	5410711.0	41525.69922	262.44	0	48.849357	-86.947765	56317.11	56244.1	5.90	56323.00	56326.12109	56313.22288	56317.48438	503832.1	5410711.0
L3830.0	503832.1	5410709.5	41525.80078	259.26	0	48.849343	-86.947765	56316.73	56244.1	5.89	56322.62	56325.78125	56312.76167	56317.05859	503832.1	5410709.5
L3830.0	503832.1	5410708.6	41525.89844	257.03	0	48.849335	-86.947765	56316.04	56244.1	5.89	56321.93	56325.13281	56312.29870	56316.63281	503832.1	5410708.6
L3830.0	503832.1	5410708.6	41526.00000	258.38	0	48.849335	-86.947765	56316.01	56244.1	5.89	56321.90	56325.14453	56311.83811	56316.20703	503832.1	5410708.6
L3830.0	503832.1	5410707.2	41526.10156	258.28	0	48.849323	-86.947765	56315.81	56244.1	5.89	56321.70	56324.98828	56311.37557	56315.77734	503832.1	5410707.2
L3830.0	503832.1	5410705.9	41526.19922	257.90	0	48.849311	-86.947765	56315.86	56244.1	5.88	56321.74	56325.07031	56310.90961	56315.34766	503832.1	5410705.9
L3830.0	503832.1	5410704.8	41526.30078	257.31	0	48.849301	-86.947764	56315.53	56244.1	5.88	56321.41	56324.78125	56310.44810	56314.91797	503832.1	5410704.8
L3830.0	503832.1	5410704.8	41526.39844	257.10	0	48.849301	-86.947764	56315.02	56244.1	5.88	56320.89	56324.30078	56309.99366	56314.49609	503832.1	5410704.8
L3830.0	503832.2	5410703.0	41526.39844	257.10	0	48.849284	-86.947764	56314.56	56244.1	5.88	56320.44	56323.89063	56309.54312	56314.07813	503832.2	5410703.0
L3830.0	503832.2	5410703.0	41526.60156	261.08	0	48.849284	-86.947764	56314.02	56244.1	5.87	56319.90	56323.39063	56309.10135	56313.66797	503832.2	5410703.0
L3830.0	503832.2	5410702.1	41526.69922	259.10	0	48.849277	-86.947764	56313.84	56244.1	5.87	56319.71	56323.24219	56308.65553	56313.25391	503832.2	5410702.1
L3830.0	503832.2	5410700.8	41526.80078	255.65	0	48.849265	-86.947764	56313.56	56244.1	5.87	56319.43	56323.00391	56308.22305	56312.85156	503832.2	5410700.8
L3830.0	503832.2	5410699.5	41526.89844	256.46	0	48.849253	-86.947764	56313.36	56244.1	5.86	56319.22	56322.83203	56307.80327	56312.46094	503832.2	5410699.5
L3830.0	503832.2	5410698.3	41527.00000	258.54	0	48.849242	-86.947764	56313.06	56244.1	5.86	56318.92	56322.57422	56307.40499	56312.09375	503832.2	5410698.3
L3830.0	503832.2	5410698.3	41527.10156	257.44	0	48.849242	-86.947764	56312.95	56244.1	5.86	56318.80	56322.49219	56307.02355	56311.74219	503832.2	5410698.3
L3830.0	503832.2	5410697.0	41527.19922	259.92	0	48.849230	-86.947763	56312.59	56244.1	5.86	56318.45	56322.18359	56306.67543	56311.42188	503832.2	5410697.0
L3830.0	503832.2	5410697.0	41527.30078	260.70	0	48.849230	-86.947763	56312.32	56244.1	5.85	56318.17	56321.94141	56306.35382	56311.12891	503832.2	5410697.0
L3830.0	503832.3	5410695.3	41527.39844	261.92	0	48.849215	-86.947763	56311.83	56244.1	5.85	56317.68	56321.49219	56306.06311	56310.86719	503832.3	5410695.3
L3830.0	503832.3	5410694.2	41527.50000	261.24	0	48.849206	-86.947763	56311.34	56244.2	5.85	56317.19	56321.04297	56305.79370	56310.62500	503832.3	5410694.2
L3830.0	503832.3	5410693.0	41527.60156	260.73	0	48.849195	-86.947763	56311.32	56244.2	5.85	56317.17	56321.05859	56305.54989	56310.41016	503832.3	5410693.0
L3830.0	503832.3	5410693.0	41527.69922	257.03	0	48.849195	-86.947763	56310.83	56244.2	5.85	56316.67	56320.59766	56305.32321	56310.21094	503832.3	5410693.0
L3830.0	503832.3	5410691.8	41527.80078	258.20	0	48.849183	-86.947762	56310.45	56244.2	5.84	56316.29	56320.25781	56305.11606	56310.03125	503832.3	5410691.8

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L3830.0	503832.3	5410690.7	41527.89844	259.55	0	48.849173	-86.947762	56310.04	56244.2	5.84	56315.88	56319.88672	56304.92254	56309.86328	503832.3	5410690.7
L3830.0	503832.3	5410689.2	41528.00000	258.75	0	48.849160	-86.947762	56310.09	56244.2	5.84	56315.93	56319.97656	56304.77733	56309.74219	503832.3	5410689.2
L3830.0	503832.3	5410689.2	41528.10156	259.77	0	48.849160	-86.947762	56309.68	56244.2	5.84	56315.52	56319.60156	56304.61247	56309.60547	503832.3	5410689.2
L3830.0	503832.3	5410688.0	41528.19922	260.77	0	48.849150	-86.947762	56309.46	56244.2	5.83	56315.29	56319.41016	56304.47577	56309.49219	503832.3	5410688.0
L3830.0	503832.3	5410688.0	41528.30078	259.54	0	48.849150	-86.947762	56308.96	56244.2	5.83	56314.80	56318.96094	56304.31329	56309.35547	503832.3	5410688.0
L3830.0	503832.4	5410686.6	41528.39844	258.48	0	48.849137	-86.947762	56308.69	56244.2	5.83	56314.52	56318.71875	56304.18170	56309.25000	503832.4	5410686.6
L3830.0	503832.4	5410685.1	41528.39844	258.48	0	48.849123	-86.947762	56308.41	56244.2	5.83	56314.23	56318.46484	56304.05084	56309.14063	503832.4	5410685.1
L3830.0	503832.4	5410684.2	41528.60156	272.85	0	48.849115	-86.947762	56307.99	56244.2	5.82	56313.81	56318.08203	56303.40628	56308.51953	503832.4	5410684.2
L3830.0	503832.4	5410684.2	41528.69922	272.59	0	48.849115	-86.947762	56307.90	56244.2	5.82	56313.72	56318.02734	56303.26200	56308.39844	503832.4	5410684.2
L3830.0	503832.4	5410682.7	41528.80078	273.69	0	48.849102	-86.947762	56307.77	56244.2	5.82	56313.59	56317.93750	56303.12237	56308.28516	503832.4	5410682.7
L3830.0	503832.4	5410681.5	41528.89844	273.64	0	48.849091	-86.947762	56307.51	56244.2	5.81	56313.32	56317.70313	56302.98207	56308.16797	503832.4	5410681.5
L3830.0	503832.4	5410681.5	41529.00000	273.42	0	48.849091	-86.947762	56306.83	56244.2	5.81	56312.64	56317.05859	56302.82670	56308.03516	503832.4	5410681.5
L3830.0	503832.4	5410679.6	41529.10156	273.76	0	48.849074	-86.947762	56306.82	56244.2	5.81	56312.63	56317.08594	56302.65440	56307.88281	503832.4	5410679.6
L3830.0	503832.4	5410678.4	41529.19922	275.51	0	48.849063	-86.947762	56306.67	56244.2	5.81	56312.48	56316.97266	56302.47288	56307.72266	503832.4	5410678.4
L3830.0	503832.4	5410677.1	41529.30078	275.40	0	48.849051	-86.947762	56306.50	56244.2	5.81	56312.31	56316.83594	56302.28142	56307.55469	503832.4	5410677.1
L3830.0	503832.4	5410675.9	41529.39844	276.51	0	48.849041	-86.947762	56306.16	56244.2	5.81	56311.97	56316.53125	56302.06828	56307.36328	503832.4	5410675.9
L3830.0	503832.4	5410675.9	41529.50000	272.81	0	48.849041	-86.947762	56305.78	56244.2	5.81	56311.59	56316.18750	56301.83666	56307.15234	503832.4	5410675.9
L3830.0	503832.4	5410674.3	41529.60156	275.53	0	48.849027	-86.947762	56305.29	56244.2	5.81	56311.10	56315.73438	56301.57836	56306.91406	503832.4	5410674.3
L3830.0	503832.4	5410673.0	41529.69922	275.70	0	48.849014	-86.947762	56304.81	56244.2	5.81	56310.62	56315.28906	56301.30248	56306.65625	503832.4	5410673.0
L3830.0	503832.4	5410673.0	41529.80078	272.74	0	48.849014	-86.947762	56304.84	56244.2	5.81	56310.65	56315.35156	56301.07056	56306.44531	503832.4	5410673.0
L3830.0	503832.4	5410671.3	41529.89844	272.47	0	48.849000	-86.947762	56304.40	56244.2	5.81	56310.21	56314.94531	56300.78183	56306.17578	503832.4	5410671.3
L3830.0	503832.4	5410671.3	41530.00000	271.92	0	48.849000	-86.947762	56304.38	56244.2	5.81	56310.19	56314.96094	56300.54354	56305.95703	503832.4	5410671.3
L3830.0	503832.3	5410670.2	41530.10156	271.45	0	48.848990	-86.947762	56303.81	56244.2	5.81	56309.62	56314.42578	56300.23723	56305.67188	503832.3	5410670.2
L3830.0	503832.3	5410668.6	41530.19922	271.55	0	48.848975	-86.947762	56304.04	56244.2	5.80	56309.84	56314.67969	56300.04647	56305.50000	503832.3	5410668.6
L3830.0	503832.3	5410668.6	41530.30078	271.92	0	48.848975	-86.947762	56303.11	56244.2	5.80	56308.91	56313.78125	56299.70022	56305.17188	503832.3	5410668.6
L3830.0	503832.3	5410667.4	41530.39844	270.90	0	48.848964	-86.947763	56303.13	56244.2	5.79	56308.92	56313.82422	56299.50660	56304.99609	503832.3	5410667.4
L3830.0	503832.3	5410665.9	41530.39844	270.90	0	48.848951	-86.947763	56302.68	56244.2	5.79	56308.48	56313.41797	56299.25183	56304.75781	503832.3	5410665.9
L3830.0	503832.3	5410664.9	41530.60156	274.07	0	48.848942	-86.947763	56302.89	56244.2	5.79	56308.68	56313.64844	56299.12108	56304.64453	503832.3	5410664.9
L3830.0	503832.3	5410663.7	41530.69922	275.23	0	48.848931	-86.947763	56302.62	56244.2	5.78	56308.40	56313.40234	56298.91617	56304.45703	503832.3	5410663.7
L3830.0	503832.3	5410663.7	41530.80078	276.06	0	48.848931	-86.947763	56302.26	56244.2	5.78	56308.04	56313.07031	56298.70175	56304.26172	503832.3	5410663.7
L3830.0	503832.2	5410662.2	41530.89844	277.93	0	48.848917	-86.947764	56302.48	56244.2	5.77	56308.26	56313.32422	56298.61856	56304.19531	503832.2	5410662.2
L3830.0	503832.2	5410662.2	41531.00000	279.32	0	48.848917	-86.947764	56302.03	56244.2	5.77	56307.80	56312.89453	56298.39035	56303.98047	503832.2	5410662.2
L3830.0	503832.2	5410659.4	41531.10156	279.29	0	48.848892	-86.947764	56302.07	56244.2	5.77	56307.84	56312.96484	56298.27886	56303.88672	503832.2	5410659.4
L3830.0	503832.2	5410659.4	41531.19922	279.21	0	48.848892	-86.947764	56301.55	56244.2	5.76	56307.31	56312.46484	56298.02334	56303.64453	503832.2	5410659.4
L3830.0	503832.2	5410658.1	41531.30078	279.65	0	48.848881	-86.947764	56301.48	56244.2	5.76	56307.24	56312.42578	56297.87760	56303.51563	503832.2	5410658.1
L3830.0	503832.2	5410658.1	41531.39844	280.09	0	48.848881	-86.947764	56300.42	56244.2	5.76	56306.18	56311.39453	56297.03193	56302.68359	503832.2	5410658.1
L3830.0	503832.2	5410656.9	41531.50000	279.55	0	48.848870	-86.947765	56300.16	56244.2	5.75	56305.92	56311.16406	56296.80724	56302.47656	503832.2	5410656.9
L3830.0	503832.1	5410655.4	41531.60156	280.33	0	48.848857	-86.947765	56299.56	56244.2	5.75	56305.31	56310.58203	56296.60576	56302.28906	503832.1	5410655.4
L3830.0	503832.1	5410653.9	41531.69922	279.22	0	48.848842	-86.947766	56299.32	56244.3	5.75	56305.07	56310.37109	56296.34229	56302.03906	503832.1	5410653.9
L3830.0	503832.1	5410653.9	41531.80078	278.93	0	48.848842	-86.947766	56299.09	56244.3	5.75	56304.83	56310.15625	56296.05935	56301.76953	503832.1	5410653.9
L3830.0	503832.1	5410652.5	41531.89844	279.54	0	48.848830	-86.947766	56298.66	56244.3	5.74	56304.41	56309.76563	56295.77110	56301.49219	503832.1	5410652.5
L3830.0	503832.0	5410650.9	41532.00000	278.11	0	48.848816	-86.947767	56299.12	56244.3	5.74	56304.86	56310.24219	56295.37656	56301.11328	503832.0	5410650.9
L3830.0	503832.0	5410650.9	41532.10156	278.36	0	48.848816	-86.947767	56298.70	56244.3	5.74	56304.44	56309.84766	56295.03557	56300.78516	503832.0	5410650.9
L3830.0	503832.0	5410649.3	41532.19922	279.49	0	48.848801	-86.947767	56298.99	56244.3	5.74	56304.73	56310.16406	56294.60200	56300.36328	503832.0	5410649.3
L3830.0	503832.0	5410648.1	41532.30078	281.23	0	48.848790	-86.947768	56298.09	56244.3	5.74	56303.83	56309.28906	56294.27445	56300.04688	503832.0	5410648.1
L3830.0	503832.0	5410648.1	41532.39844	279.27	0	48.848790	-86.947768	56298.36	56244.3	5.74	56304.10	56309.58594	56293.80296	56299.58594	503832.0	5410648.1
L3830.0	503831.9	5410646.8	41532.39844	279.27	0	48.848779	-86.947768	56298.07	56244.3	5.74	56303.81	56309.32031	56293.38207	56299.17578	503831.9	5410646.8
L3830.0	503831.9	5410645.5	41532.60156	276.39	0	48.848767	-86.947768	56298.17	56244.3	5.74	56303.91	56309.44531	56293.68835	56299.49609	503831.9	5410645.5
L3830.0	503831.9	5410645.5	41532.69922	276.26	0	48.848767	-86.947768	56297.96	56244.3	5.74	56303.70	56309.26172	56293.26405	56299.08203	503831.9	5410645.5
L3830.0	503831.9	5410643.9	41532.80078	275.87	0	48.848753	-86.947768	56297.18	56244.3	5.74	56302.92	56308.50391	56292.68832	56298.51563	503831.9	5410643.9
L3830.0	503831.9	5410642.3	41532.89844	275.31	0	48.848739	-86.947768	56297.48	56244.3	5.74	56303.22	56308.82813	56292.38668	56298.22266	503831.9	5410642.3
L3830.0	503831.9	5410641.0	41533.00000	276.12	0	48.848727	-86.947768	56297.05	56244.3	5.74	56302.79	56308.41797	56291.90061	56297.74609	503831.9	5410641.0
L3830.0	503831.9	5410641.0	41533.10156	277.34	0	48.848727	-86.947768	56296.88	56244.3	5.74	56302.61	56308.26172	56291.47566	56297.33203	503831.9	5410641.0
L3830.0	503831.9	5410639.3	41533.19922	278.14	0	48.848711	-86.947769	56296.01	56244.3	5.74	56301.75	56307.42188	56290.89900	56296.76172	503831.9	5410639.3
L3830.0	503831.9	5410637.8	41533.30078	277.76	0	48.848698	-86.947769	56295.82	56244.3	5.74	56301.56	56307.25391	56290.47826	56296.35156	503831.9	5410637.8
L3830.0	503831.9	5410636.1	41533.39844	277.14	0	48.848683	-86.947769	56295.22	56244.3	5.74	56300.95	56306.66406	56289.97130	56295.85156	503831.9	5410636.1
L3830.0	503831.9	5410636.1	41533.50000	276.04	0	48.848683	-86.947769	56295.41	56244.3	5.74	56301.15	56306.88672	56289.63526	56295.52344	503831.9	5410636.1
L3830.0	503831.8	5410635.0	41533.60156	273.20	0	48.848673	-86.947769	56295.39	56244.3	5.73	56301.12	56306.87500	56289.25139	56295.14453	503831.8	5410635.0
L3830.0	503831.8	5410635.0	41533.69922	274.25	0	48.848673	-86.947769	56295.42	56244.3	5.73	56301.15	56306.92578	56288.88065	56294.78125	503831.8	5410635.0
L3830.0	503831.8	5410633.6	41533.80078	275.89	0	48.848661	-86.947769	56295.16	56244.3	5.73	56300.89	56306.68359	56288.45940	56294.36719	503831.8	5410633.6
L3830.0	503831.8	5410632.2	41533.89844	274.82	0	48.848648	-86.947769	56294.70	56244.3	5.73	56300.43	56306.24219	56288.00955	56293.92188	503831.8	5410632.2
L3830.0	503831.8	5410630.7	41534.00000	273.69	0	48.848634	-86.947770	56294.20	56244.3	5.73	56299.93	56305.76172	56287.56267	56293.48047	503831.8	5410630.7
L3830.0	503831.8	5410630.7	41534.10156	272.14	0	48.848634	-86.947770	56293.48	56244.3	5.73	56299.21	56305.05859	56287.08999	56293.01563	503831.8	5410630.7
L3830.0	503831.8	5410628.8	41534.19922	271.27	0	48.848617	-86.947770	56293.37	56244.3	5.73	56299.10	56304.96484	56286.73011	56292.66016	503831.8	5410628.8
L3830.0	503831.8	5410627.7	41534.30078	271.64	0	48.848607	-86.947770	56292.95	56244.3	5.73	56298.67	56304.55078	56286.32928	56292.26172	503831.8	5410627.7
L3830.0	503831.8	5410627.7	41534.39844	271.21	0	48.848607	-86.947770	56292.98	56244.3	5.73	56298.71	56304.60938	56286.01615	56291.95313	503831.8	5410627.7
L3830.0	503831.8	5410626.4	41534.39844	271.21	0	48.848595	-86.947771	56293.00	56244.3	5.73	56298.72	56304.63281	56285.71151	56291.65234	503831.8	5410626.4
L3830.0	503831.7	5410624.8	41534.60156	274.52	0	48.848581	-86.947771	56292.73	56244.3	5.72	56298.46	56304.39063	56285.37974	56291.32422	503831.7	5410624.8
L3830.0	503831.7	5410623.4	41534.69922	273.58	0	48.848569	-86.947772	56292.15	56244.3	5.72	56297.87	56303.81250	56285.01240	56290.96094	503831.7	5410623.4
L3830.0	503831.7	5410623.4	41534.80078	274.14	0	48.848569	-86.947772	56292.26	56244.3	5.72	56297.98	56303.93750	56284.77262	56290.72266	503831.7	5410623.4
L3830.0	503831.6	5410621.8	41534.89844	276.12	0	48.848554	-86.947773	56292.64	56244.3	5.72	56298.36	56304.33203	56284.59615	56290.55078	503831.6	5410621.8
L3830.0	503831.5	5410620.4	41535.00000	273.70	0	48.848541	-86.947773	56292.25	56244.3	5.72	56297.97	56303.95313	56284.31360	56290.26953	503831.5	5410620.4
L3830.0	503831.5	5410619.0	41535.10156	274.57	0	48.848529	-86.947774	56292.38	56244.3	5.72	56298.10	56304.09766	56284.13510	56290.08984	503831.5	5410619.0
L3830.0	503831.4	5410617.8	41535.19922	273.99	0	48.848518	-86.947775	56291.93	56244.3	5.72	56297.65	56303.66016	56283.87278	56289.82813	503831.4	5410617.8
L3830.0	503831.4	5410617.8	41535.30078	273.91	0	48.848518	-86.947775	56291.59	56244.3	5.72	56297.31	56303.33203	56283.64114	56289.59766	503831.4	5410617.8
L3830.0	503831.3	5410616.3	41535.39844	274.69	0	48.848505	-86.947776	56291.64	56244.3	5.72	56297.36	56303.39063	56283.49365	56289.45313	503831.3	5410616.3
L3830.0	503831.3	5410615.0	41535.50000	274.47	0	48.848493	-86.947777	56291.94	56244.3	5.72	56297.66	56303.70313	56283.40840	56289.36719	503831.3	5410615.0
L3830.0	503831.3	5410615.0	41535.60156	275.74	0	48.848493	-86.947777	56291.48	56244.3	5.72	56297.20	56303.25391	56283.17973	56289.13672	503831.3	5410615.0
L3830.0	503831.2	5410613.4	41535.69922	275.55	0	48.848479	-86.947778	56290.66	56244.3	5.72	56296.38	56302.44141	56282.87198	56288.82813	503831.2	5410613.4
L3830.0	503831.1	5410611.9	41535.80078	277.75	0	48.848465	-86.947779	56290.21	56244.3	5.72	56295.93	56302.00000	56282.63503	56288.58984	503831.1	5410611.9
L3830.0	503831.1	5410610.5	41535.89844	275.89	0	48.848453	-86.947780	56290.14	56244.3	5.72	56295.86	56301.94141	56282.47559	56288.42969	503831.1	5410610.5
L3830.0	503831.1	5410610.5	41536.00000	276.79	0	48.848453	-86.947780	56290.48	56244.3	5.72	56296.20	56302.28906	56282.40459	56288.35547	503831.1	5410610.5
L3830.0	503831.0	5410609.2	41536.10156	279.00	0	48.848441	-86.947780	56290.19	56244.3	5.72	56295.91	56302.00781	56282.17669	56288.12500	503831.0	5410609.2
L3830.0	503831.0	5410607.8	41536.19922	277.62	0	48.848429	-86.947781	56289.88	56244.3	5.72	56295.60	56301.70313	56281.92856	56287.87500	503831.0	5410607.8
L3830.0	503831.0	5410606.2	41536.30078	278.98	0	48.848414	-86.947782	56289.32	56244.3	5.71	56295.03	56301.14063	56281.59908	56287.53906	503831.0	5410606.2
L3830.0	503831.0	5410606.2	41536.39844	278.61	0	48.848414	-86.947782	56288.96	56244.3	5.71	56294.67	56300.78516	56281.30382	56287.24219	503831.0	5410606.2
L3830.0	503830.9	5410604.6	41536.39844	278.61	0	48.848399	-86.947782	56288.81	56244.3	5.71	56294.52	56300.64063	56281.04466	56286.97656	503830.9	5410604.6
L3830.0	503830.9	5410604.6	41536.60156	279.00	0	48.848399	-86.947782	56288.82	56244.3	5.71	56294.52	56300.64844	56280.80729	56286.73438	503830.9	5410604.6
L3830.0	503830.9	5410601.8	41536.69922	279.71	0	48.848374	-86.947783	56288.63	56244.3	5.71	56294.33	56300.46094	56280.50527	56286.42969	503830.9	5410601.8
L3830.0	503830.9	5410601.8	41536.80078	278.66	0	48.848374	-86.947783	56288.68	56244.3	5.70	56294.38	56300.51563	56280.24767	56286.16406	503830.9	5410601.8
L3830.0	503830.9	5410600.2	41536.89844	277.46	0	48.848360	-86.947783	56288.96	56244.3	5.70	56294.66	56300.80078	56280.03127	56285.94531	503830.9	5410600.2
L3830.0	503830.9	5410600.2	41537.00000	277.65	0	48.848360	-86.947783	56288.53	56244.3	5.70	56294.23	56300.37500	56279.62058	56285.52734	503830.9	5410600.2
L3830.0	503830.9	5410598.8	41537.10156	276.98	0	48.848347	-86.947783	56287.98	56244.3	5.70	56293.68	56299.82813	56279.16771	56285.06641	503830.9	5410598.8

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L3830.0	503830.9	5410597.7	41537.19922	275.35	0	48.848337	-86.947783	56287.43	56244.3	5.71	56293.14	56299.28906	56278.70752	56284.60156	503830.9	5410597.7
L3830.0	503830.9	5410596.4	41537.30078	275.83	0	48.848325	-86.947783	56287.25	56244.3	5.71	56292.96	56299.11328	56278.32612	56284.21094	503830.9	5410596.4
L3830.0	503830.9	5410595.2	41537.39844	276.05	0	48.848315	-86.947783	56287.18	56244.3	5.72	56292.90	56299.05469	56277.96489	56283.84375	503830.9	5410595.2
L3830.0	503830.9	5410594.0	41537.50000	274.86	0	48.848304	-86.947783	56286.96	56244.3	5.72	56292.68	56298.83594	56277.55978	56283.42969	503830.9	5410594.0
L3830.0	503830.9	5410594.0	41537.60156	274.79	0	48.848304	-86.947783	56287.18	56244.3	5.72	56292.90	56299.05469	56277.25024	56283.10938	503830.9	5410594.0
L3830.0	503830.9	5410592.3	41537.69922	274.85	0	48.848289	-86.947783	56287.20	56244.3	5.73	56292.92	56299.07422	56276.89135	56282.74219	503830.9	5410592.3
L3830.0	503830.9	5410591.0	41537.80078	275.62	0	48.848277	-86.947783	56287.02	56244.3	5.73	56292.75	56298.90625	56276.49064	56282.33203	503830.9	5410591.0
L3830.0	503830.9	5410589.8	41537.89844	275.25	0	48.848267	-86.947783	56286.31	56244.3	5.74	56292.04	56298.19531	56275.97903	56281.81250	503830.9	5410589.8
L3830.0	503830.9	5410589.8	41538.00000	275.44	0	48.848267	-86.947783	56286.20	56244.3	5.74	56291.94	56298.09375	56275.60339	56281.42578	503830.9	5410589.8
L3830.0	503830.9	5410588.4	41538.10156	275.53	0	48.848254	-86.947783	56286.25	56244.3	5.74	56291.99	56298.14063	56275.26329	56281.07422	503830.9	5410588.4
L3830.0	503830.9	5410587.0	41538.19922	275.54	0	48.848241	-86.947783	56286.08	56244.3	5.74	56291.82	56297.96875	56274.88353	56280.68359	503830.9	5410587.0
L3830.0	503830.9	5410587.0	41538.30078	275.55	0	48.848241	-86.947783	56285.80	56244.3	5.74	56291.54	56297.68750	56274.48807	56280.27734	503830.9	5410587.0
L3830.0	503830.9	5410585.1	41538.39844	275.71	0	48.848224	-86.947783	56285.44	56244.3	5.74	56291.18	56297.32422	56274.08300	56279.85938	503830.9	5410585.1
L3830.0	503830.8	5410583.8	41538.39844	275.71	0	48.848212	-86.947783	56285.26	56244.3	5.74	56291.00	56297.14063	56273.71769	56279.48047	503830.8	5410583.8
L3830.0	503830.8	5410583.8	41538.60156	275.69	0	48.848212	-86.947783	56284.88	56244.3	5.74	56290.62	56296.75781	56273.31570	56279.06641	503830.8	5410583.8
L3830.0	503830.8	5410582.4	41538.69922	275.10	0	48.848200	-86.947783	56285.46	56244.3	5.74	56291.20	56297.33594	56273.09546	56278.83594	503830.8	5410582.4
L3830.0	503830.8	5410581.0	41538.80078	274.42	0	48.848187	-86.947784	56285.54	56244.3	5.74	56291.28	56297.41016	56272.77531	56278.50000	503830.8	5410581.0
L3830.0	503830.8	5410579.6	41538.89844	274.57	0	48.848175	-86.947784	56285.06	56244.3	5.74	56290.80	56296.92578	56272.34436	56278.05469	503830.8	5410579.6
L3830.0	503830.8	5410579.6	41539.00000	276.47	0	48.848175	-86.947784	56284.29	56244.3	5.74	56290.03	56296.15234	56271.85323	56277.55078	503830.8	5410579.6
L3830.0	503830.9	5410578.0	41539.10156	277.31	0	48.848160	-86.947783	56284.12	56244.3	5.74	56289.86	56295.97656	56271.46319	56277.14844	503830.9	5410578.0
L3830.0	503830.9	5410576.2	41539.19922	276.45	0	48.848144	-86.947783	56283.95	56244.3	5.74	56289.69	56295.80078	56271.06194	56276.73047	503830.9	5410576.2
L3830.0	503830.9	5410576.2	41539.30078	275.74	0	48.848144	-86.947783	56283.76	56244.3	5.74	56289.50	56295.60156	56270.64588	56276.30078	503830.9	5410576.2
L3830.0	503830.9	5410574.8	41539.39844	274.32	0	48.848131	-86.947783	56283.98	56244.3	5.74	56289.72	56295.81641	56270.28718	56275.92578	503830.9	5410574.8
L3830.0	503830.9	5410573.2	41539.50000	274.43	0	48.848117	-86.947783	56283.78	56244.3	5.74	56289.52	56295.60938	56269.84512	56275.46875	503830.9	5410573.2
L3830.0	503830.9	5410573.2	41539.60156	274.80	0	48.848117	-86.947783	56283.60	56244.3	5.74	56289.34	56295.42188	56269.39461	56275.00000	503830.9	5410573.2
L3830.0	503830.9	5410571.5	41539.69922	274.80	0	48.848102	-86.947782	56283.20	56244.3	5.74	56288.93	56295.00391	56268.89687	56274.48828	503830.9	5410571.5
L3830.0	503831.0	5410570.3	41539.80078	274.50	0	48.848090	-86.947782	56282.97	56244.3	5.74	56288.71	56294.77734	56268.41717	56273.98828	503831.0	5410570.3
L3830.0	503831.0	5410568.8	41539.80078	274.50	0	48.848077	-86.947781	56282.57	56244.3	5.74	56288.31	56294.36719	56267.90166	56273.45703	503831.0	5410568.8
L3830.0	503831.0	5410567.2	41540.00000	278.89	0	48.848063	-86.947781	56282.36	56244.3	5.74	56288.10	56294.14844	56267.40545	56272.94531	503831.0	5410567.2
L3830.0	503831.0	5410567.2	41540.10156	279.40	0	48.848063	-86.947781	56282.10	56244.3	5.74	56287.84	56293.88281	56266.89732	56272.41797	503831.0	5410567.2
L3830.0	503831.1	5410565.6	41540.19922	278.45	0	48.848048	-86.947780	56281.94	56244.3	5.74	56287.68	56293.71094	56266.39962	56271.90234	503831.1	5410565.6
L3830.0	503831.1	5410564.2	41540.30078	278.45	0	48.848036	-86.947780	56281.94	56244.3	5.74	56287.68	56293.70313	56265.92046	56271.40234	503831.1	5410564.2
L3830.0	503831.1	5410564.2	41540.39844	273.32	0	48.848036	-86.947780	56281.59	56244.3	5.74	56287.32	56293.33203	56265.40362	56270.86719	503831.1	5410564.2
L3830.0	503831.1	5410563.0	41540.39844	273.32	0	48.848025	-86.947780	56281.48	56244.3	5.74	56287.21	56293.21484	56264.92241	56270.36719	503831.1	5410563.0
L3830.0	503831.2	5410561.3	41540.60156	271.33	0	48.848010	-86.947779	56281.26	56244.3	5.73	56286.99	56292.98438	56264.44085	56269.86719	503831.2	5410561.3
L3830.0	503831.2	5410560.2	41540.69922	271.65	0	48.848000	-86.947779	56281.15	56244.3	5.73	56286.88	56292.86328	56263.98514	56269.39063	503831.2	5410560.2
L3830.0	503831.2	5410560.2	41540.80078	270.91	0	48.848000	-86.947779	56280.82	56244.3	5.73	56286.55	56292.51953	56263.52676	56268.91406	503831.2	5410560.2
L3830.0	503831.2	5410558.5	41540.89844	272.00	0	48.847985	-86.947779	56280.69	56244.3	5.73	56286.42	56292.37891	56263.10757	56268.47656	503831.2	5410558.5
L3830.0	503831.2	5410557.1	41541.00000	273.36	0	48.847972	-86.947778	56280.52	56244.3	5.73	56286.25	56292.19922	56262.70726	56268.05469	503831.2	5410557.1
L3830.0	503831.3	5410555.7	41541.10156	271.40	0	48.847959	-86.947778	56280.31	56244.3	5.73	56286.04	56291.97656	56262.32734	56267.65234	503831.3	5410555.7
L3830.0	503831.3	5410554.3	41541.19922	270.32	0	48.847947	-86.947778	56279.79	56244.3	5.73	56285.52	56291.44531	56261.94492	56267.25000	503831.3	5410554.3
L3830.0	503831.3	5410554.3	41541.30078	270.71	0	48.847947	-86.947778	56279.09	56244.3	5.73	56284.81	56290.72266	56261.56999	56266.85547	503831.3	5410554.3
L3830.0	503831.3	5410552.7	41541.39844	270.35	0	48.847933	-86.947777	56279.09	56244.3	5.73	56284.81	56290.71094	56261.28293	56266.54688	503831.3	5410552.7
L3830.0	503831.4	5410550.9	41541.50000	270.22	0	48.847916	-86.947777	56278.88	56244.3	5.73	56284.60	56290.48828	56261.00008	56266.24219	503831.4	5410550.9
L3830.0	503831.4	5410550.9	41541.60156	272.85	0	48.847916	-86.947777	56279.06	56244.3	5.72	56284.78	56290.65625	56260.77746	56265.99609	503831.4	5410550.9
L3830.0	503831.4	5410549.3	41541.69922	270.85	0	48.847902	-86.947776	56278.73	56244.3	5.72	56284.45	56290.31250	56260.52392	56265.72266	503831.4	5410549.3
L3830.0	503831.4	5410547.8	41541.80078	272.74	0	48.847889	-86.947776	56278.82	56244.3	5.72	56284.55	56290.39844	56260.33411	56265.51172	503831.4	5410547.8
L3830.0	503831.4	5410547.8	41541.89844	276.06	0	48.847889	-86.947776	56278.37	56244.3	5.72	56284.09	56289.92578	56260.09976	56265.25391	503831.4	5410547.8
L3830.0	503831.5	5410546.2	41542.00000	275.35	0	48.847874	-86.947775	56278.09	56244.3	5.72	56283.81	56289.63281	56259.90178	56265.03125	503831.5	5410546.2
L3830.0	503831.5	5410544.5	41542.10156	276.02	0	48.847859	-86.947775	56277.86	56244.3	5.72	56283.58	56289.39063	56259.72589	56264.83594	503831.5	5410544.5
L3830.0	503831.5	5410544.5	41542.19922	275.66	0	48.847859	-86.947775	56277.66	56244.3	5.72	56283.38	56289.17578	56259.57065	56264.65625	503831.5	5410544.5
L3830.0	503831.5	5410542.6	41542.30078	276.11	0	48.847842	-86.947774	56277.40	56244.3	5.73	56283.12	56288.90234	56259.42044	56264.48438	503831.5	5410542.6
L3830.0	503831.6	5410541.2	41542.39844	274.63	0	48.847829	-86.947774	56277.04	56244.3	5.73	56282.77	56288.53906	56259.26200	56264.30078	503831.6	5410541.2
L3830.0	503831.6	5410541.2	41542.39844	274.63	0	48.847829	-86.947774	56277.04	56244.3	5.73	56282.77	56288.52344	56259.15961	56264.17578	503831.6	5410541.2
L3830.0	503831.6	5410539.9	41542.60156	276.20	0	48.847818	-86.947774	56276.51	56244.3	5.73	56282.24	56287.98047	56258.95979	56263.95313	503831.6	5410539.9
L3830.0	503831.6	5410538.4	41542.69922	276.21	0	48.847804	-86.947773	56276.12	56244.3	5.73	56281.85	56287.57422	56258.76439	56263.73438	503831.6	5410538.4
L3830.0	503831.6	5410537.1	41542.80078	275.46	0	48.847792	-86.947773	56275.90	56244.3	5.74	56281.63	56287.33984	56258.57486	56263.51953	503831.6	5410537.1
L3830.0	503831.6	5410535.7	41542.89844	274.39	0	48.847779	-86.947773	56276.02	56244.3	5.74	56281.76	56287.45703	56258.42436	56263.34766	503831.6	5410535.7
L3830.0	503831.6	5410535.7	41543.00000	274.56	0	48.847779	-86.947773	56275.44	56244.3	5.74	56281.18	56286.85938	56258.10016	56263.00000	503831.6	5410535.7
L3830.0	503831.6	5410534.1	41543.10156	275.49	0	48.847765	-86.947773	56275.00	56244.3	5.74	56280.74	56286.40625	56257.76628	56262.64063	503831.6	5410534.1
L3830.0	503831.6	5410534.1	41543.19922	275.23	0	48.847765	-86.947773	56274.70	56244.3	5.74	56280.43	56286.08203	56257.42246	56262.27344	503831.6	5410534.1
L3830.0	503831.7	5410531.9	41543.30078	277.64	0	48.847746	-86.947773	56274.34	56244.3	5.74	56280.08	56285.71484	56257.03422	56261.86328	503831.7	5410531.9
L3830.0	503831.7	5410530.1	41543.39844	278.23	0	48.847730	-86.947772	56274.39	56244.3	5.74	56280.13	56285.75000	56256.69612	56261.50000	503831.7	5410530.1
L3830.0	503831.7	5410528.6	41543.50000	279.65	0	48.847715	-86.947772	56273.73	56244.3	5.74	56279.47	56285.07422	56256.18090	56260.96094	503831.7	5410528.6
L3830.0	503831.7	5410528.6	41543.60156	277.41	0	48.847715	-86.947772	56273.96	56244.3	5.74	56279.70	56285.28906	56255.82319	56260.57813	503831.7	5410528.6
L3830.0	503831.7	5410527.0	41543.69922	277.44	0	48.847701	-86.947772	56273.41	56244.3	5.74	56279.15	56284.72656	56255.28165	56260.01563	503831.7	5410527.0
L3830.0	503831.8	5410525.6	41543.80078	276.65	0	48.847689	-86.947772	56273.20	56244.3	5.74	56278.93	56284.48828	56254.78694	56259.49609	503831.8	5410525.6
L3830.0	503831.8	5410523.8	41543.89844	274.10	0	48.847672	-86.947771	56272.24	56244.3	5.74	56277.98	56283.52344	56254.12942	56258.81250	503831.8	5410523.8
L3830.0	503831.8	5410523.8	41544.00000	276.13	0	48.847672	-86.947771	56272.22	56244.3	5.74	56277.96	56283.48828	56253.64013	56258.30078	503831.8	5410523.8
L3830.0	503831.8	5410522.1	41544.10156	275.18	0	48.847657	-86.947771	56272.05	56244.3	5.74	56277.79	56283.30469	56253.10600	56257.74219	503831.8	5410522.1
L3830.0	503831.8	5410522.1	41544.19922	273.45	0	48.847657	-86.947771	56271.63	56244.3	5.74	56277.38	56282.87891	56252.51456	56257.12891	503831.8	5410522.1
L3830.0	503831.8	5410520.7	41544.30078	272.51	0	48.847645	-86.947771	56271.45	56244.3	5.74	56277.20	56282.68359	56251.95647	56256.54688	503831.8	5410520.7
L3830.0	503831.8	5410519.3	41544.39844	273.41	0	48.847632	-86.947771	56270.68	56244.3	5.74	56276.42	56281.88672	56251.28514	56255.85156	503831.8	5410519.3
L3830.0	503831.8	5410517.7	41544.39844	273.41	0	48.847618	-86.947771	56270.54	56244.3	5.74	56276.28	56281.73438	56250.72255	56255.26563	503831.8	5410517.7
L3830.0	503831.8	5410517.7	41544.60156	274.15	0	48.847618	-86.947771	56269.66	56244.3	5.75	56275.41	56280.84766	56250.03306	56254.55078	503831.8	5410517.7
L3830.0	503831.8	5410516.0	41544.69922	274.18	0	48.847603	-86.947771	56270.21	56244.3	5.75	56275.95	56281.37109	56249.57402	56254.07031	503831.8	5410516.0
L3830.0	503831.8	5410514.4	41544.80078	274.73	0	48.847588	-86.947771	56269.26	56244.3	5.75	56275.01	56280.41797	56248.87319	56253.34766	503831.8	5410514.4
L3830.0	503831.8	5410513.0	41544.89844	273.74	0	48.847575	-86.947771	56269.08	56244.3	5.75	56274.83	56280.22266	56248.29760	56252.74609	503831.8	5410513.0
L3830.0	503831.8	5410513.0	41545.00000	273.39	0	48.847575	-86.947771	56268.67	56244.3	5.75	56274.42	56279.79688	56247.69355	56252.12109	503831.8	5410513.0
L3830.0	503831.8	5410511.6	41545.10156	273.44	0	48.847563	-86.947771	56268.54	56244.2	5.75	56274.29	56279.65234	56247.14207	56251.54688	503831.8	5410511.6
L3830.0	503831.8	5410510.3	41545.19922	275.32	0	48.847551	-86.947771	56267.96	56244.2	5.75	56273.71	56279.05469	56246.54171	56250.92188	503831.8	5410510.3
L3830.0	503831.8	5410508.6	41545.30078	275.09	0	48.847536	-86.947771	56267.26	56244.2	5.75	56273.01	56278.33984	56245.94453	56250.30469	503831.8	5410508.6
L3830.0	503831.8	5410508.6	41545.39844	273.79	0	48.847536	-86.947771	56267.14	56244.2	5.75	56272.90	56278.21484	56245.44845	56249.78516	503831.8	5410508.6
L3830.0	503831.8	5410507.2	41545.50000	275.98	0	48.847524	-86.947771	56266.58	56244.2	5.76	56272.33	56277.63281	56244.90385	56249.21875	503831.8	5410507.2
L3830.0	503831.8	5410505.8	41545.60156	274.82	0	48.847510	-86.947771	56266.66	56244.2	5.76	56272.41	56277.69531	56244.46472	56248.75781	503831.8	5410505.8
L3830.0	503831.8	5410505.8	41545.69922	272.41	0	48.847510	-86.947771	56265.51	56244.2	5.76	56271.27	56276.54297	56243.86821	56248.14063	503831.8	5410505.8
L3830.0	503831.8	5410504.4	41545.80078	273.33	0	48.847498	-86.947771	56265.18	56244.2	5.76	56270.94	56276.19922	56243.39596	56247.64453	503831.8	5410504.4
L3830.0	503831.8	5410503.1	41545.89844	273.66	0	48.847486	-86.947771	56264.24	56244.2	5.76	56270.00	56275.24219	56242.84719	56247.07422	503831.8	5410503.1
L3830.0	503831.9	5410501.8	41546.00000	274.86	0	48.847475	-86.947770	56263.62	56244.2	5.76	56269.38	56274.60938	56242.35201	56246.55859	503831.9	5410501.8
L3830.0	503831.9	5410501.8	41546.10156	274.35	0	48.847475	-86.947770	56263.16	56244.2	5.76	56268.92	56274.13672	56241.88964	56246.07422	503831.9	5410501.8
L3830.0	503831.9	5410500.2	41546.19922	273.33	0	48.847460	-86.947770	56263.06	56244.2	5.76	56268.82	56274.01953	56241.49222	56245.65625	503831.9	5410500.2
L3830.0	503831.9	5410499.0	41546.30078	272.27	0	48.847449	-86.947770	56263.06	56244.2	5.76	56268.82	56274.00781	56241.12528	56245.26953	503831.9	5410499.0
L3830.0	503831.9	5410497.6	41546.39844	274.04	0	48.847437	-86.947770	56263.08	56244.2	5.76	56268.84	56274.01172	56240.78038	56244.90625	503831.9	5410497.6

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L3830.0	503831.9	5410497.6	41546.39844	274.04	0	48.847437	-86.947770	56263.14	56244.2	5.76	56268.89	56274.05078	56240.46018	56244.56641	503831.9	5410497.6
L3830.0	503831.9	5410496.1	41546.60156	275.73	0	48.847423	-86.947769	56261.56	56244.2	5.75	56267.31	56272.45703	56239.89178	56243.97656	503831.9	5410496.1
L3830.0	503831.9	5410494.7	41546.69922	274.61	0	48.847411	-86.947769	56261.19	56244.2	5.75	56266.94	56272.07422	56239.53035	56243.59766	503831.9	5410494.7
L3830.0	503832.0	5410493.0	41546.80078	273.12	0	48.847396	-86.947769	56260.30	56244.2	5.75	56266.05	56271.17188	56239.08876	56243.13672	503832.0	5410493.0
L3830.0	503832.0	5410493.0	41546.89844	273.51	0	48.847396	-86.947769	56260.15	56244.2	5.75	56265.90	56271.00781	56238.78306	56242.81250	503832.0	5410493.0
L3830.0	503832.0	5410491.5	41547.00000	274.31	0	48.847382	-86.947769	56259.31	56244.3	5.75	56265.06	56270.15625	56238.35569	56242.36719	503832.0	5410491.5
L3830.0	503832.0	5410489.8	41547.10156	275.65	0	48.847366	-86.947769	56258.84	56244.2	5.75	56264.59	56269.67188	56237.99691	56241.98828	503832.0	5410489.8
L3830.0	503832.0	5410489.8	41547.19922	275.18	0	48.847366	-86.947769	56258.39	56244.2	5.75	56264.15	56269.21875	56237.64421	56241.62109	503832.0	5410489.8
L3830.0	503831.9	5410488.3	41547.30078	275.38	0	48.847353	-86.947769	56257.62	56244.2	5.76	56263.38	56268.43750	56237.22103	56241.17969	503831.9	5410488.3
L3830.0	503831.9	5410487.1	41547.39844	275.48	0	48.847342	-86.947769	56257.52	56244.2	5.76	56263.28	56268.32422	56236.93462	56240.87500	503831.9	5410487.1
L3830.0	503831.9	5410487.1	41547.50000	276.41	0	48.847342	-86.947769	56256.42	56244.2	5.76	56262.18	56267.21484	56236.43211	56240.35547	503831.9	5410487.1
L3830.0	503831.9	5410485.3	41547.60156	276.58	0	48.847326	-86.947770	56256.14	56244.2	5.76	56261.90	56266.92188	56236.10536	56240.01172	503831.9	5410485.3
L3830.0	503831.9	5410483.7	41547.69922	276.95	0	48.847312	-86.947770	56255.28	56244.2	5.76	56261.04	56266.05078	56235.64699	56239.53906	503831.9	5410483.7
L3830.0	503831.9	5410481.9	41547.80078	278.08	0	48.847296	-86.947770	56255.09	56244.2	5.77	56260.86	56265.85938	56235.34577	56239.22266	503831.9	5410481.9
L3830.0	503831.9	5410481.9	41547.89844	278.58	0	48.847296	-86.947770	56254.20	56244.2	5.77	56259.97	56264.95703	56234.87380	56238.73438	503831.9	5410481.9
L3830.0	503831.9	5410480.2	41548.00000	278.11	0	48.847280	-86.947770	56253.72	56244.2	5.77	56259.49	56264.46875	56234.49743	56238.34375	503831.9	5410480.2
L3830.0	503831.9	5410478.8	41548.10156	276.56	0	48.847268	-86.947770	56252.69	56244.2	5.77	56258.46	56263.42578	56233.97604	56237.80859	503831.9	5410478.8
L3830.0	503831.9	5410477.1	41548.19922	277.48	0	48.847252	-86.947770	56252.23	56244.2	5.77	56258.01	56262.96484	56233.59744	56237.41406	503831.9	5410477.1
L3830.0	503831.9	5410477.1	41548.30078	277.93	0	48.847252	-86.947770	56251.83	56244.2	5.77	56257.60	56262.54688	56233.22735	56237.03125	503831.9	5410477.1
L3830.0	503831.9	5410475.0	41548.39844	276.55	0	48.847233	-86.947770	56250.68	56244.2	5.77	56256.46	56261.39453	56230.33511	56234.12500	503831.9	5410475.0
L3830.0	503831.9	5410473.5	41548.39844	276.55	0	48.847220	-86.947770	56250.09	56244.2	5.77	56255.86	56260.78516	56229.88490	56233.66406	503831.9	5410473.5
L3830.0	503831.9	5410473.5	41548.60156	274.00	0	48.847220	-86.947770	56249.44	56244.2	5.78	56255.21	56260.12500	56229.42708	56233.19141	503831.9	5410473.5
L3830.0	503831.9	5410472.1	41548.69922	275.51	0	48.847208	-86.947770	56249.02	56244.2	5.78	56254.80	56259.70703	56228.92659	56232.67969	503831.9	5410472.1
L3830.0	503831.9	5410470.5	41548.80078	276.87	0	48.847193	-86.947770	56248.21	56244.2	5.78	56253.99	56258.88672	56228.45059	56232.19141	503831.9	5410470.5
L3830.0	503831.9	5410468.9	41548.89844	278.06	0	48.847179	-86.947770	56247.71	56244.2	5.78	56253.49	56258.37891	56227.92189	56231.65234	503831.9	5410468.9
L3830.0	503831.9	5410468.9	41549.00000	278.18	0	48.847179	-86.947770	56246.81	56244.2	5.78	56252.59	56257.46875	56227.40614	56231.12500	503831.9	5410468.9
L3830.0	503831.9	5410467.2	41549.10156	281.00	0	48.847164	-86.947771	56245.73	56244.2	5.78	56251.51	56256.38281	56226.87682	56230.58594	503831.9	5410467.2
L3830.0	503831.9	5410467.2	41549.19922	282.31	0	48.847164	-86.947771	56245.27	56244.2	5.78	56251.05	56255.91406	56226.27299	56229.96875	503831.9	5410467.2
L3830.0	503831.8	5410465.5	41549.30078	283.44	0	48.847148	-86.947771	56244.29	56244.2	5.79	56250.08	56254.93750	56225.68297	56229.37109	503831.8	5410465.5
L3830.0	503831.8	5410464.3	41549.39844	282.51	0	48.847138	-86.947771	56243.91	56244.2	5.79	56249.70	56254.54688	56225.02977	56228.70703	503831.8	5410464.3
L3830.0	503831.8	5410462.9	41549.50000	281.16	0	48.847124	-86.947771	56242.82	56244.2	5.79	56248.61	56253.45313	56224.39758	56228.06641	503831.8	5410462.9
L3830.0	503831.8	5410462.9	41549.60156	280.17	0	48.847124	-86.947771	56242.11	56244.2	5.79	56247.90	56252.73438	56223.71287	56227.37109	503831.8	5410462.9
L3830.0	503831.8	5410460.7	41549.69922	278.82	0	48.847105	-86.947772	56240.95	56244.2	5.79	56246.75	56251.57813	56223.02041	56226.67188	503831.8	5410460.7
L3830.0	503831.8	5410459.4	41549.80078	279.10	0	48.847093	-86.947772	56240.40	56244.2	5.80	56246.20	56251.01953	56222.25863	56225.90234	503831.8	5410459.4
L3830.0	503831.8	5410459.4	41549.89844	280.77	0	48.847093	-86.947772	56239.46	56244.2	5.80	56245.26	56250.07422	56221.48363	56225.11719	503831.8	5410459.4
L3830.0	503831.8	5410457.9	41550.00000	280.42	0	48.847080	-86.947772	56238.92	56244.2	5.80	56244.72	56249.52734	56220.64936	56224.27734	503831.8	5410457.9
L3830.0	503831.7	5410456.2	41550.10156	280.11	0	48.847064	-86.947773	56238.48	56244.2	5.80	56244.28	56249.08203	56219.77161	56223.39063	503831.7	5410456.2
L3830.0	503831.7	5410454.6	41550.19922	277.54	0	48.847050	-86.947773	56237.43	56244.2	5.81	56243.24	56248.03516	56218.89537	56222.50781	503831.7	5410454.6
L3830.0	503831.7	5410453.3	41550.30078	277.70	0	48.847038	-86.947773	56236.29	56244.2	5.81	56242.10	56246.89063	56217.99040	56221.59766	503831.7	5410453.3
L3830.0	503831.7	5410453.3	41550.39844	278.33	0	48.847038	-86.947773	56235.34	56244.2	5.82	56241.16	56245.94531	56217.03609	56220.63672	503831.7	5410453.3
L3830.0	503831.6	5410451.6	41550.39844	278.33	0	48.847023	-86.947774	56234.42	56244.2	5.82	56240.24	56245.01953	56216.04583	56219.64453	503831.6	5410451.6
L3830.0	503831.6	5410450.3	41550.60156	275.10	0	48.847012	-86.947774	56233.20	56244.2	5.82	56239.03	56243.80469	56215.05363	56218.64453	503831.6	5410450.3
L3830.0	503831.6	5410448.8	41550.69922	277.19	0	48.846998	-86.947774	56232.43	56244.2	5.83	56238.25	56243.01953	56213.99020	56217.57813	503831.6	5410448.8
L3830.0	503831.6	5410448.8	41550.80078	279.15	0	48.846998	-86.947774	56231.59	56244.2	5.83	56237.42	56242.18750	56212.90387	56216.48438	503831.6	5410448.8
L3830.0	503831.6	5410446.9	41550.89844	281.35	0	48.846981	-86.947775	56230.93	56244.2	5.84	56236.76	56241.52344	56211.76640	56215.34375	503831.6	5410446.9
L3830.0	503831.5	5410445.7	41551.00000	280.37	0	48.846970	-86.947775	56230.17	56244.2	5.84	56236.01	56240.76953	56213.09928	56216.67578	503831.5	5410445.7
L3830.0	503831.5	5410445.7	41551.10156	281.17	0	48.846970	-86.947775	56229.19	56244.2	5.84	56235.03	56239.78516	56211.96780	56215.53906	503831.5	5410445.7
L3830.0	503831.5	5410443.9	41551.19922	280.43	0	48.846954	-86.947775	56228.48	56244.2	5.85	56234.32	56239.07031	56210.89354	56214.46094	503831.5	5410443.9
L3830.0	503831.5	5410442.5	41551.30078	278.22	0	48.846941	-86.947776	56227.47	56244.1	5.85	56233.32	56238.06641	56209.74244	56213.30859	503831.5	5410442.5
L3830.0	503831.5	5410440.8	41551.39844	278.12	0	48.846926	-86.947776	56226.54	56244.1	5.86	56232.40	56237.14453	56208.61248	56212.17578	503831.5	5410440.8
L3830.0	503831.5	5410440.8	41551.50000	276.29	0	48.846926	-86.947776	56225.33	56244.1	5.86	56231.19	56235.93359	56207.42411	56210.98438	503831.5	5410440.8
L3830.0	503831.5	5410439.3	41551.60156	274.64	0	48.846913	-86.947776	56223.92	56244.1	5.86	56229.78	56234.51953	56206.20640	56209.76563	503831.5	5410439.3
L3830.0	503831.5	5410438.0	41551.69922	275.66	0	48.846900	-86.947776	56223.02	56244.1	5.87	56228.88	56233.61719	56205.10876	56208.66797	503831.5	5410438.0
L3830.0	503831.4	5410436.2	41551.80078	276.72	0	48.846885	-86.947777	56222.04	56244.1	5.87	56227.91	56232.64453	56204.00986	56207.56641	503831.4	5410436.2
L3830.0	503831.4	5410436.2	41551.89844	275.19	0	48.846885	-86.947777	56220.88	56244.1	5.88	56226.75	56231.48438	56202.89009	56206.44531	503831.4	5410436.2
L3830.0	503831.4	5410435.1	41552.00000	274.88	0	48.846875	-86.947777	56219.63	56244.1	5.88	56225.50	56230.23047	56201.77070	56205.32813	503831.4	5410435.1
L3830.0	503831.4	5410433.6	41552.10156	272.17	0	48.846861	-86.947777	56218.88	56244.1	5.88	56224.76	56229.48828	56200.75381	56204.30859	503831.4	5410433.6
L3830.0	503831.4	5410432.2	41552.19922	271.47	0	48.846849	-86.947777	56218.06	56244.1	5.89	56223.95	56228.67969	56199.73490	56203.29297	503831.4	5410432.2
L3830.0	503831.4	5410432.2	41552.30078	272.55	0	48.846849	-86.947777	56217.09	56244.1	5.89	56222.98	56227.70703	56198.70198	56202.25781	503831.4	5410432.2
L3830.0	503831.4	5410430.8	41552.39844	272.66	0	48.846836	-86.947777	56216.03	56244.1	5.89	56221.92	56226.64844	56197.66911	56201.22656	503831.4	5410430.8
L3830.0	503831.4	5410429.0	41552.39844	272.66	0	48.846820	-86.947777	56214.77	56244.1	5.89	56220.66	56225.38672	56196.62193	56200.17969	503831.4	5410429.0
L3830.0	503831.4	5410429.0	41552.60156	261.37	0	48.846820	-86.947777	56213.42	56244.1	5.90	56219.32	56224.04688	56195.57791	56199.13672	503831.4	5410429.0
L3830.0	503831.4	5410427.2	41552.69922	261.62	0	48.846804	-86.947778	56212.22	56244.1	5.90	56218.12	56222.84375	56194.56675	56198.12891	503831.4	5410427.2
L3830.0	503831.4	5410426.0	41552.80078	274.52	0	48.846793	-86.947778	56211.25	56244.1	5.90	56217.15	56221.87500	56193.59918	56197.16406	503831.4	5410426.0
L3830.0	503831.4	5410426.0	41552.89844	274.11	0	48.846793	-86.947778	56210.15	56244.1	5.91	56216.06	56220.78516	56192.62707	56196.19531	503831.4	5410426.0
L3830.0	503831.4	5410423.0	41553.00000	274.06	0	48.846766	-86.947778	56209.17	56244.1	5.91	56215.08	56219.80469	56191.68197	56195.25000	503831.4	5410423.0
L3830.0	503831.4	5410423.0	41553.10156	273.38	0	48.846766	-86.947778	56207.82	56244.1	5.91	56213.74	56218.46484	56190.70207	56194.27344	503831.4	5410423.0
L3830.0	503831.4	5410421.6	41553.19922	271.72	0	48.846753	-86.947778	56206.74	56244.1	5.92	56212.65	56217.37500	56189.76625	56193.33984	503831.4	5410421.6
L3830.0	503831.4	5410421.6	41553.30078	273.97	0	48.846753	-86.947778	56205.76	56244.1	5.92	56211.68	56216.40625	56188.85541	56192.43359	503831.4	5410421.6
L3830.0	503831.4	5410420.2	41553.39844	273.55	0	48.846740	-86.947778	56204.38	56244.1	5.92	56210.30	56215.02734	56187.89912	56191.48047	503831.4	5410420.2
L3830.0	503831.4	5410418.7	41553.50000	275.20	0	48.846727	-86.947777	56203.08	56244.1	5.93	56209.01	56213.73828	56186.96021	56190.54688	503831.4	5410418.7
L3830.0	503831.4	5410416.7	41553.60156	274.09	0	48.846709	-86.947777	56201.46	56244.1	5.93	56207.39	56212.12109	56185.98174	56189.57031	503831.4	5410416.7
L3830.0	503831.4	5410416.7	41553.69922	274.66	0	48.846709	-86.947777	56200.40	56244.1	5.93	56206.33	56211.06250	56185.07809	56188.67188	503831.4	5410416.7
L3830.0	503831.5	5410415.0	41553.80078	275.59	0	48.846694	-86.947776	56199.21	56244.1	5.93	56205.14	56209.87500	56184.15741	56187.75781	503831.5	5410415.0
L3830.0	503831.5	5410413.9	41553.89844	275.93	0	48.846683	-86.947776	56198.08	56244.1	5.94	56204.02	56208.75781	56183.24379	56186.84766	503831.5	5410413.9
L3830.0	503831.5	5410413.9	41554.00000	274.93	0	48.846683	-86.947776	56196.81	56244.1	5.94	56202.75	56207.48828	56182.30619	56185.91406	503831.5	5410413.9
L3830.0	503831.6	5410412.0	41554.10156	273.40	0	48.846667	-86.947775	56195.45	56244.1	5.94	56201.39	56206.13281	56181.35102	56184.96484	503831.6	5410412.0
L3830.0	503831.6	5410410.2	41554.19922	272.56	0	48.846651	-86.947775	56193.88	56244.1	5.95	56199.82	56204.56250	56180.36144	56183.98438	503831.6	5410410.2
L3830.0	503831.6	5410408.8	41554.30078	273.58	0	48.846638	-86.947774	56192.67	56244	5.95	56198.62	56203.36719	56179.41812	56183.04688	503831.6	5410408.8
L3830.0	503831.6	5410408.8	41554.39844	273.75	0	48.846638	-86.947774	56191.27	56244	5.96	56197.22	56201.96875	56178.44379	56182.07813	503831.6	5410408.8
L3830.0	503831.7	5410407.2	41554.39844	273.75	0	48.846624	-86.947774	56189.85	56244	5.96	56195.80	56200.55078	56177.46458	56181.10547	503831.7	5410407.2
L3830.0	503831.7	5410405.9	41554.60156	271.06	0	48.846612	-86.947773	56188.77	56244	5.96	56194.73	56199.48438	56176.53398	56180.17969	503831.7	5410405.9
L3830.0	503831.7	5410405.9	41554.69922	273.40	0	48.846612	-86.947773	56187.48	56244	5.97	56193.45	56198.20703	56175.57469	56179.23047	503831.7	5410405.9
L3830.0	503831.8	5410404.0	41554.80078	273.29	0	48.846595	-86.947772	56186.08	56244	5.97	56192.05	56196.81250	56174.60059	56178.26172	503831.8	5410404.0
L3830.0	503831.8	5410402.8	41554.89844	275.14	0	48.846584	-86.947772	56184.69	56244	5.98	56190.66	56195.42578	56173.63015	56177.30078	503831.8	5410402.8
L3830.0	503831.8	5410401.7	41555.00000	275.94	0	48.846574	-86.947772	56183.48	56244	5.98	56189.46	56194.23047	56172.68941	56176.36719	503831.8	5410401.7
L3830.0	503831.8	5410401.7	41555.10156	275.29	0	48.846574	-86.947772	56182.04	56244	5.98	56188.01	56192.78516	56171.71234	56175.39844	503831.8	5410401.7
L3830.0	503831.8	5410400.3	41555.19922	275.67	0	48.846562	-86.947772	56180.80	56244	5.98	56186.78	56191.55859	56170.76870	56174.46094	503831.8	5410400.3
L3830.0	503831.9	5410398.8	41555.30078	274.35	0	48.846548	-86.947771	56178.97	56244	5.98	56184.95	56189.73438	56169.73135	56173.43359	503831.9	5410398.8
L3830.0	503831.9	5410397.3	41555.39844	273.82	0	48.846535	-86.947771	56177.51	56244	5.98	56183.49	56188.27734	56168.74937	56172.46094	503831.9	5410397.3
L3830.0	503831.9	5410396.0	41555.50000	273.97	0	48.846523	-86.947771	56175.52	56244	5.98	56181.50	56186.29297	56167.67939	56171.39844	503831.9	5410396.0
L3830.0	503831.9	5410396.0	41555.60156	274.53	0	48.846523	-86.947771	56174.30	56244	5.97	56180.27	56185.06641	56166.72940	56170.46094	503831.9	5410396.0
L3830.0	503831.9	5410394.3	41555.69922	274.53	0	48.846508	-86.947771	56172.88	56244	5.97	56178.85	56183.65234	56165.74617	56169.48438	503831.9	5410394.3

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L3830.0	503831.9	5410394.3	41555.80078	275.56	0	48.846508	-86.947771	56171.72	56244	5.97	56177.69	56182.49609	56164.80532	56168.55469	503831.9	5410394.3
L3830.0	503831.9	5410391.4	41555.89844	275.90	0	48.846481	-86.947771	56170.08	56244	5.97	56176.05	56180.86328	56163.77973	56167.53906	503831.9	5410391.4
L3830.0	503831.9	5410391.4	41556.00000	274.54	0	48.846481	-86.947771	56168.86	56244	5.97	56174.83	56179.64844	56162.82547	56166.59766	503831.9	5410391.4
L3830.0	503831.9	5410390.1	41556.10156	273.16	0	48.846469	-86.947771	56167.77	56244	5.97	56173.74	56178.56250	56161.89405	56165.67578	503831.9	5410390.1
L3830.0	503831.9	5410388.8	41556.19922	272.20	0	48.846458	-86.947772	56166.52	56244	5.98	56172.50	56177.32813	56160.93501	56164.72656	503831.9	5410388.8
L3830.0	503831.9	5410388.8	41556.30078	273.83	0	48.846458	-86.947772	56165.20	56244	5.98	56171.18	56176.01563	56159.96008	56163.76563	503831.9	5410388.8
L3830.0	503831.8	5410387.5	41556.39844	275.40	0	48.846446	-86.947772	56163.74	56244	5.99	56169.72	56174.56250	56158.95676	56162.77344	503831.8	5410387.5
L3830.0	503831.8	5410385.9	41556.39844	275.40	0	48.846432	-86.947772	56162.29	56244	5.99	56168.28	56173.12891	56157.95530	56161.78516	503831.8	5410385.9
L3830.0	503831.8	5410385.9	41556.60156	274.39	0	48.846432	-86.947772	56160.56	56244	5.99	56166.56	56171.41406	56156.89483	56160.73438	503831.8	5410385.9
L3830.0	503831.8	5410384.5	41556.69922	275.00	0	48.846419	-86.947772	56159.09	56244	6.00	56165.09	56169.95313	56155.88034	56159.73438	503831.8	5410384.5
L3830.0	503831.8	5410383.1	41556.80078	275.67	0	48.846407	-86.947772	56157.07	56244	6.00	56163.07	56167.93750	56154.74539	56158.61328	503831.8	5410383.1
L3830.0	503831.8	5410382.0	41556.89844	276.01	0	48.846397	-86.947772	56155.72	56244	6.01	56161.73	56166.60547	56153.74708	56157.62500	503831.8	5410382.0
L3830.0	503831.8	5410382.0	41557.00000	276.44	0	48.846397	-86.947772	56154.34	56244	6.01	56160.35	56165.23438	56152.73532	56156.62891	503831.8	5410382.0
L3830.0	503831.9	5410380.7	41557.10156	275.97	0	48.846385	-86.947772	56153.08	56244	6.01	56159.09	56163.98047	56151.74466	56155.65234	503831.9	5410380.7
L3830.0	503831.9	5410379.1	41557.19922	276.76	0	48.846370	-86.947771	56151.86	56244	6.01	56157.87	56162.76953	56150.75765	56154.67969	503831.9	5410379.1
L3830.0	503831.9	5410379.1	41557.30078	277.11	0	48.846370	-86.947771	56150.49	56244	6.01	56156.50	56161.40625	56149.73067	56153.66406	503831.9	5410379.1
L3830.0	503831.9	5410378.1	41557.39844	276.53	0	48.846362	-86.947771	56149.26	56244	6.01	56155.26	56160.17578	56148.72652	56152.67578	503831.9	5410378.1
L3830.0	503832.0	5410376.5	41557.50000	275.78	0	48.846347	-86.947770	56147.73	56244	6.01	56153.74	56158.66406	56147.65073	56151.61719	503832.0	5410376.5
L3830.0	503832.0	5410375.3	41557.60156	278.75	0	48.846337	-86.947770	56146.42	56244	6.00	56152.43	56157.35938	56146.61625	56150.59766	503832.0	5410375.3
L3830.0	503832.0	5410375.3	41557.69922	278.03	0	48.846337	-86.947770	56144.75	56244	6.00	56150.75	56155.68750	56145.49058	56149.48438	503832.0	5410375.3
L3830.0	503832.0	5410373.8	41557.80078	277.01	0	48.846323	-86.947769	56143.41	56244	6.00	56149.42	56154.36719	56144.44130	56148.45313	503832.0	5410373.8
L3830.0	503832.0	5410373.8	41557.89844	276.36	0	48.846323	-86.947769	56142.20	56244	6.00	56148.20	56153.15625	56143.41439	56147.44141	503832.0	5410373.8
L3830.0	503832.1	5410372.7	41558.00000	276.74	0	48.846313	-86.947769	56140.96	56244	6.00	56146.96	56151.92578	56142.38143	56146.42578	503832.1	5410372.7
L3830.0	503832.1	5410371.5	41558.10156	277.30	0	48.846302	-86.947768	56139.46	56244	6.00	56145.46	56150.43359	56141.29272	56145.35547	503832.1	5410371.5
L3830.0	503832.1	5410370.4	41558.19922	277.01	0	48.846292	-86.947768	56137.90	56244	6.00	56143.90	56148.88281	56140.19610	56144.27344	503832.1	5410370.4
L3830.0	503832.2	5410369.2	41558.30078	275.66	0	48.846281	-86.947768	56136.15	56244	6.00	56142.15	56147.14453	56139.06788	56143.16406	503832.2	5410369.2
L3830.0	503832.2	5410369.2	41558.39844	276.46	0	48.846281	-86.947768	56134.69	56244	6.00	56140.69	56145.69141	56138.00774	56142.12109	503832.2	5410369.2
L3830.0	503832.2	5410368.1	41558.39844	276.46	0	48.846272	-86.947767	56133.92	56244	6.00	56139.93	56144.94141	56137.08932	56141.22266	503832.2	5410368.1
L3830.0	503832.2	5410368.1	41558.60156	276.06	0	48.846272	-86.947767	56132.99	56244	6.01	56139.00	56144.02344	56136.13973	56140.28906	503832.2	5410368.1
L3830.0	503832.2	5410366.9	41558.69922	274.50	0	48.846261	-86.947767	56131.78	56244	6.01	56137.78	56142.81250	56135.14176	56139.31250	503832.2	5410366.9
L3830.0	503832.2	5410366.0	41558.80078	275.24	0	48.846253	-86.947767	56130.25	56244	6.01	56136.26	56141.30078	56134.10003	56138.28906	503832.2	5410366.0
L3830.0	503832.2	5410365.0	41558.89844	272.71	0	48.846244	-86.947767	56129.05	56244	6.01	56135.06	56140.11328	56133.12222	56137.33203	503832.2	5410365.0
L3830.0	503832.2	5410365.0	41559.00000	271.90	0	48.846244	-86.947767	56127.65	56244	6.01	56133.66	56138.72266	56132.12020	56136.34766	503832.2	5410365.0
L3830.0	503832.2	5410363.1	41559.10156	271.58	0	48.846227	-86.947767	56126.46	56244	6.01	56132.48	56137.55469	56131.16149	56135.41016	503832.2	5410363.1
L3830.0	503832.2	5410363.1	41559.19922	270.44	0	48.846227	-86.947767	56124.96	56244	6.01	56130.98	56136.06641	56130.16202	56134.42969	503832.2	5410363.1
L3830.0	503832.2	5410362.1	41559.30078	269.55	0	48.846218	-86.947767	56123.54	56244	6.01	56129.55	56134.64453	56129.18154	56133.47266	503832.2	5410362.1
L3830.0	503832.2	5410362.1	41559.39844	271.57	0	48.846218	-86.947767	56122.21	56244	6.01	56128.23	56133.33594	56128.22378	56132.53516	503832.2	5410362.1
L3830.0	503832.2	5410360.8	41559.50000	273.20	0	48.846206	-86.947767	56120.85	56244	6.01	56126.87	56131.98828	56127.26535	56131.59766	503832.2	5410360.8
L3830.0	503832.2	5410359.9	41559.60156	276.01	0	48.846198	-86.947767	56119.91	56244	6.02	56125.93	56131.05859	56126.37045	56130.72656	503832.2	5410359.9
L3830.0	503832.2	5410359.9	41559.69922	276.02	0	48.846198	-86.947767	56118.90	56244	6.02	56124.92	56130.06250	56125.46850	56129.84375	503832.2	5410359.9
L3830.0	503832.2	5410358.9	41559.80078	274.36	0	48.846189	-86.947767	56117.27	56244	6.02	56123.28	56128.43359	56124.47666	56128.87500	503832.2	5410358.9
L3830.0	503832.2	5410358.0	41559.89844	274.75	0	48.846181	-86.947767	56116.06	56244	6.02	56122.08	56127.24609	56123.54841	56127.97266	503832.2	5410358.0
L3830.0	503832.2	5410357.0	41560.00000	274.67	0	48.846172	-86.947767	56115.26	56244	6.02	56121.28	56126.45703	56122.68149	56127.12891	503832.2	5410357.0
L3830.0	503832.2	5410357.0	41560.10156	273.81	0	48.846172	-86.947767	56114.36	56244	6.02	56120.39	56125.57813	56121.80311	56126.27344	503832.2	5410357.0
L3830.0	503832.2	5410356.0	41560.19922	272.64	0	48.846163	-86.947767	56112.78	56244	6.03	56118.81	56124.01172	56120.81103	56125.30469	503832.2	5410356.0
L3830.0	503832.2	5410354.9	41560.30078	273.53	0	48.846153	-86.947767	56111.95	56244	6.03	56117.97	56123.18359	56119.94094	56124.45703	503832.2	5410354.9
L3830.0	503832.3	5410354.1	41560.39844	274.88	0	48.846146	-86.947766	56110.73	56244	6.03	56116.76	56121.98828	56119.00615	56123.54688	503832.3	5410354.1
L3830.0	503832.3	5410354.1	41560.39844	274.88	0	48.846146	-86.947766	56109.82	56244	6.03	56115.86	56121.10156	56118.12845	56122.69531	503832.3	5410354.1
L3830.0	503832.3	5410353.1	41560.60156	274.45	0	48.846137	-86.947766	56108.38	56244	6.04	56114.42	56119.67188	56117.14617	56121.73828	503832.3	5410353.1
L3830.0	503832.3	5410352.2	41560.69922	275.53	0	48.846128	-86.947766	56107.29	56244	6.04	56113.33	56118.59766	56116.23181	56120.85156	503832.3	5410352.2
L3830.0	503832.3	5410352.2	41560.80078	277.64	0	48.846128	-86.947766	56105.92	56244	6.04	56111.97	56117.25000	56115.26065	56119.90625	503832.3	5410352.2
L3830.0	503832.3	5410351.0	41560.89844	277.84	0	48.846118	-86.947766	56104.69	56244	6.05	56110.74	56116.03125	56114.31604	56118.98828	503832.3	5410351.0
L3830.0	503832.3	5410350.3	41561.00000	278.11	0	48.846112	-86.947766	56103.70	56243.9	6.05	56109.75	56115.05469	56113.42633	56118.12500	503832.3	5410350.3
L3830.0	503832.3	5410350.3	41561.10156	277.32	0	48.846112	-86.947766	56102.76	56243.9	6.05	56108.81	56114.12891	56112.55172	56117.27734	503832.3	5410350.3
L3830.0	503832.3	5410349.6	41561.19922	277.43	0	48.846105	-86.947766	56102.39	56243.9	6.05	56108.44	56113.77344	56111.81880	56116.57031	503832.3	5410349.6
L3830.0	503832.3	5410348.9	41561.30078	279.71	0	48.846100	-86.947766	56101.70	56243.9	6.05	56107.75	56113.09766	56111.01642	56115.79297	503832.3	5410348.9
L3830.0	503832.3	5410348.2	41561.39844	277.63	0	48.846093	-86.947766	56100.59	56243.9	6.05	56106.64	56112.00000	56110.11254	56114.91797	503832.3	5410348.2
L3830.0	503832.3	5410348.2	41561.50000	277.93	0	48.846093	-86.947766	56099.04	56243.9	6.05	56105.09	56110.46484	56109.09407	56113.92969	503832.3	5410348.2
L3830.0	503832.2	5410347.3	41561.60156	277.20	0	48.846085	-86.947767	56097.98	56243.9	6.05	56104.03	56109.42188	56108.20173	56113.06250	503832.2	5410347.3
L3830.0	503832.2	5410346.5	41561.69922	277.42	0	48.846078	-86.947767	56097.02	56243.9	6.05	56103.07	56108.47266	56108.73881	56113.62891	503832.2	5410346.5
L3830.0	503832.2	5410346.5	41561.80078	274.64	0	48.846078	-86.947767	56096.11	56243.9	6.05	56102.16	56107.57813	56107.88459	56112.80469	503832.2	5410346.5
L3830.0	503832.2	5410345.8	41561.89844	272.32	0	48.846071	-86.947768	56095.86	56243.9	6.05	56101.91	56107.34375	56106.95902	56111.91016	503832.2	5410345.8
L3830.0	503832.1	5410345.1	41562.00000	275.76	0	48.846065	-86.947768	56094.82	56243.9	6.05	56100.87	56106.31641	56106.14565	56111.12500	503832.1	5410345.1
L3830.0	503832.1	5410344.3	41562.10156	277.18	0	48.846058	-86.947769	56093.93	56243.9	6.05	56099.99	56105.45313	56105.32367	56110.33203	503832.1	5410344.3
L3830.0	503832.1	5410344.3	41562.19922	278.50	0	48.846058	-86.947769	56092.64	56243.9	6.05	56098.69	56104.16797	56104.55513	56109.59375	503832.1	5410344.3
L3830.0	503832.0	5410343.6	41562.30078	278.80	0	48.846051	-86.947770	56091.98	56243.9	6.05	56098.04	56103.53125	56103.73043	56108.80078	503832.0	5410343.6
L3830.0	503832.0	5410342.8	41562.39844	277.19	0	48.846044	-86.947770	56091.05	56243.9	6.05	56097.11	56102.61719	56102.94403	56108.04297	503832.0	5410342.8
L3830.0	503831.9	5410342.1	41562.39844	277.19	0	48.846038	-86.947771	56090.25	56243.9	6.05	56096.30	56101.82422	56102.15735	56107.28906	503831.9	5410342.1
L3830.0	503831.9	5410342.1	41562.60156	277.96	0	48.846038	-86.947771	56089.22	56243.9	6.06	56095.28	56100.82031	56101.39821	56106.55859	503831.9	5410342.1
L3830.0	503831.9	5410341.5	41562.69922	281.17	0	48.846033	-86.947771	56088.22	56243.9	6.06	56094.28	56099.83594	56100.64605	56105.83984	503831.9	5410341.5
L3830.0	503831.9	5410341.0	41562.80078	281.24	0	48.846028	-86.947772	56087.51	56243.9	6.06	56093.57	56099.14063	56099.88092	56105.10547	503831.9	5410341.0
L3830.0	503831.9	5410341.0	41562.89844	279.88	0	48.846028	-86.947772	56086.27	56243.9	6.06	56092.33	56097.91406	56099.16088	56104.41406	503831.9	5410341.0
L3830.0	503831.8	5410340.5	41563.00000	280.97	0	48.846023	-86.947772	56085.71	56243.9	6.06	56091.77	56097.37109	56098.40155	56103.68750	503831.8	5410340.5
L3830.0	503831.8	5410339.8	41563.10156	280.70	0	48.846017	-86.947772	56084.55	56243.9	6.06	56090.61	56096.22656	56097.68697	56103.00391	503831.8	5410339.8
L3830.0	503831.8	5410339.1	41563.19922	279.37	0	48.846011	-86.947773	56084.36	56243.9	6.06	56090.42	56096.05078	56096.92217	56102.27344	503831.8	5410339.1
L3830.0	503831.8	5410339.1	41563.30078	277.07	0	48.846011	-86.947773	56084.02	56243.9	6.06	56090.08	56095.72656	56096.17645	56101.55859	503831.8	5410339.1
L3830.0	503831.8	5410338.6	41563.39844	277.63	0	48.846006	-86.947773	56083.87	56243.9	6.06	56089.93	56095.59375	56095.43204	56100.84766	503831.8	5410338.6
L3830.0	503831.8	5410338.1	41563.50000	277.45	0	48.846002	-86.947773	56083.26	56243.9	6.06	56089.32	56095.00000	56094.71855	56100.16797	503831.8	5410338.1
L3830.0	503831.8	5410337.5	41563.60156	278.18	0	48.845997	-86.947773	56082.68	56243.9	6.06	56088.74	56094.43750	56094.01148	56099.49219	503831.8	5410337.5
L3830.0	503831.8	5410337.5	41563.69922	262.74	0	48.845997	-86.947773	56082.09	56243.9	6.06	56088.15	56093.86328	56093.31245	56098.82813	503831.8	5410337.5
L3830.0	503831.8	5410336.9	41563.80078	263.60	0	48.845991	-86.947773	56081.14	56243.9	6.06	56087.20	56092.92969	56092.62987	56098.17578	503831.8	5410336.9
L3830.0	503831.8	5410336.9	41563.89844	279.68	0	48.845991	-86.947773	56080.38	56243.9	6.06	56086.44	56092.18359	56091.94654	56097.52734	503831.8	5410336.9
L3830.0	503831.8	5410336.3	41564.00000	280.47	0	48.845986	-86.947772	56079.62	56243.9	6.06	56085.68	56091.44141	56091.26701	56096.87891	503831.8	5410336.3
L3830.0	503831.9	5410335.9	41564.10156	279.11	0	48.845982	-86.947772	56079.52	56243.9	6.06	56085.58	56091.35547	56090.58569	56096.23438	503831.9	5410335.9
L3830.0	503831.9	5410335.4	41564.19922	278.18	0	48.845978	-86.947771	56078.63	56243.9	6.06	56084.69	56090.48438	56089.91547	56095.59766	503831.9	5410335.4
L3830.0	503831.9	5410335.4	41564.30078	279.87	0	48.845978	-86.947771	56078.31	56243.9	6.06	56084.37	56090.17969	56089.24770	56094.96094	503831.9	5410335.4
L3830.0	503831.9	5410335.0	41564.39844	280.53	0	48.845974	-86.947771	56077.70	56243.9	6.06	56083.75	56089.57422	56088.58140	56094.32813	503831.9	5410335.0
L3830.0	503832.0	5410334.6	41564.39844	280.53	0	48.845970	-86.947770	56077.16	56243.9	6.06	56083.22	56089.06250	56087.91848	56093.69922	503832.0	5410334.6
L3830.0	503832.0	5410334.3	41564.60156	264.06	0	48.845967	-86.947770	56076.56	56243.9	6.05	56082.61	56088.46875	56087.25523	56093.07031	503832.0	5410334.3
L3830.0	503832.0	5410334.3	41564.69922	261.86	0	48.845967	-86.947770	56075.86	56243.9	6.05	56081.91	56087.78516	56086.58912	56092.43750	503832.0	5410334.3
L3830.0	503832.0	5410333.9	41564.80078	281.50	0	48.845964	-86.947770	56075.41	56243.9	6.05	56081.47	56087.35938	56085.93860	56091.82031	503832.0	5410333.9
L3830.0	503832.0	5410333.5	41564.89844	279.57	0	48.845961	-86.947770	56074.86	56243.9	6.05	56080.91	56086.81641	56085.28642	56091.20313	503832.0	5410333.5
L3830.0	503832.0	5410333.2	41565.00000	281.50	0	48.845958	-86.947769	56074.94	56243.9	6.05	56080.99	56086.91406	56084.69393	56090.64453	503832.0	5410333.2

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L3880.0	503882.2	5410331.7	41583.80078	274.65	0	48.845944	-86.947086	56097.95	56243.8	6.15	56104.10	56098.89063	56107.31859	56103.86719	503882.2	5410331.7
L3880.0	503882.2	5410331.8	41583.89844	272.63	0	48.845945	-86.947086	56098.39	56243.8	6.15	56104.54	56099.28516	56107.81468	56104.31641	503882.2	5410331.8
L3880.0	503882.2	5410332.0	41584.00000	275.55	0	48.845947	-86.947086	56098.62	56243.8	6.15	56104.77	56099.47266	56108.26823	56104.72266	503882.2	5410332.0
L3880.0	503882.2	5410332.2	41584.10156	277.37	0	48.845949	-86.947086	56098.82	56243.8	6.15	56104.97	56099.62500	56108.70934	56105.12109	503882.2	5410332.2
L3880.0	503882.2	5410332.4	41584.19922	277.94	0	48.845950	-86.947086	56099.24	56243.8	6.16	56105.40	56100.01172	56109.19670	56105.56250	503882.2	5410332.4
L3880.0	503882.2	5410332.6	41584.30078	280.05	0	48.845952	-86.947086	56099.40	56243.8	6.16	56105.56	56100.12891	56109.62128	56105.94141	503882.2	5410332.6
L3880.0	503882.2	5410332.6	41584.39844	281.46	0	48.845952	-86.947086	56099.70	56243.8	6.17	56105.87	56100.39453	56110.07988	56106.35156	503882.2	5410332.6
L3880.0	503882.2	5410332.9	41584.39844	281.46	0	48.845955	-86.947086	56099.84	56243.8	6.17	56106.01	56100.48828	56110.49587	56106.72266	503882.2	5410332.9
L3880.0	503882.2	5410333.1	41584.60156	278.30	0	48.845957	-86.947086	56100.18	56243.8	6.17	56106.36	56100.79297	56110.96892	56107.15234	503882.2	5410333.1
L3880.0	503882.2	5410333.1	41584.69922	278.58	0	48.845957	-86.947086	56100.86	56243.8	6.18	56107.04	56101.42969	56113.05373	56109.19141	503882.2	5410333.1
L3880.0	503882.2	5410333.6	41584.80078	277.72	0	48.845961	-86.947086	56101.81	56243.8	6.18	56107.99	56102.33594	56113.56880	56109.66016	503882.2	5410333.6
L3880.0	503882.2	5410333.8	41584.89844	278.07	0	48.845963	-86.947086	56102.56	56243.8	6.19	56108.75	56103.05469	56114.12882	56110.17578	503882.2	5410333.8
L3880.0	503882.2	5410334.1	41585.00000	278.71	0	48.845965	-86.947086	56103.50	56243.8	6.19	56109.69	56103.94922	56114.68754	56110.69141	503882.2	5410334.1
L3880.0	503882.2	5410334.1	41585.10156	278.48	0	48.845965	-86.947086	56104.36	56243.8	6.19	56110.55	56104.76953	56115.27165	56111.23047	503882.2	5410334.1
L3880.0	503882.2	5410334.4	41585.19922	279.75	0	48.845969	-86.947086	56105.27	56243.8	6.19	56111.46	56105.63672	56115.86521	56111.78125	503882.2	5410334.4
L3880.0	503882.2	5410334.7	41585.30078	281.29	0	48.845971	-86.947086	56106.56	56243.8	6.19	56112.75	56106.88281	56116.43439	56112.30859	503882.2	5410334.7
L3880.0	503882.2	5410335.0	41585.39844	281.10	0	48.845973	-86.947086	56107.44	56243.8	6.19	56113.63	56107.72266	56117.05330	56112.88281	503882.2	5410335.0
L3880.0	503882.2	5410335.3	41585.50000	281.74	0	48.845977	-86.947086	56108.56	56243.8	6.19	56114.75	56108.80078	56117.65691	56113.44531	503882.2	5410335.3
L3880.0	503882.2	5410335.7	41585.60156	281.59	0	48.845980	-86.947086	56109.29	56243.8	6.19	56115.48	56109.48828	56118.30480	56114.05078	503882.2	5410335.7
L3880.0	503882.1	5410336.1	41585.69922	280.44	0	48.845984	-86.947087	56109.95	56243.8	6.19	56116.14	56110.10938	56118.96573	56114.67188	503882.1	5410336.1
L3880.0	503882.1	5410336.1	41585.80078	277.38	0	48.845984	-86.947087	56110.61	56243.8	6.19	56116.80	56110.73047	56119.63230	56115.29688	503882.1	5410336.1
L3880.0	503882.1	5410336.5	41585.89844	276.48	0	48.845988	-86.947087	56111.08	56243.8	6.19	56117.27	56111.16016	56120.32386	56115.94531	503882.1	5410336.5
L3880.0	503882.1	5410337.0	41586.00000	278.04	0	48.845991	-86.947088	56112.15	56243.8	6.19	56118.34	56112.19141	56120.95653	56116.53906	503882.1	5410337.0
L3880.0	503882.1	5410337.0	41586.10156	277.92	0	48.845991	-86.947088	56112.38	56243.8	6.19	56118.57	56112.38281	56121.68327	56117.22656	503882.1	5410337.0
L3880.0	503882.0	5410337.6	41586.19922	276.78	0	48.845997	-86.947088	56113.16	56243.8	6.20	56119.36	56113.13281	56122.35330	56117.85938	503882.0	5410337.6
L3880.0	503882.0	5410338.1	41586.30078	276.89	0	48.846001	-86.947089	56113.66	56243.8	6.20	56119.86	56113.59766	56123.05858	56118.52344	503882.0	5410338.1
L3880.0	503881.9	5410338.6	41586.39844	277.07	0	48.846007	-86.947089	56113.99	56243.8	6.20	56120.19	56113.89063	56123.78558	56119.21484	503881.9	5410338.6
L3880.0	503881.9	5410338.6	41586.39844	277.07	0	48.846007	-86.947089	56114.22	56243.8	6.20	56120.42	56114.08594	56124.52522	56119.91406	503881.9	5410338.6
L3880.0	503881.9	5410339.4	41586.60156	276.89	0	48.846013	-86.947090	56114.81	56243.8	6.21	56121.01	56114.63672	56125.22624	56120.58203	503881.9	5410339.4
L3880.0	503881.9	5410339.9	41586.69922	277.59	0	48.846018	-86.947090	56115.29	56243.8	6.21	56121.50	56115.09375	56125.93800	56121.25781	503881.9	5410339.9
L3880.0	503881.8	5410340.5	41586.80078	278.90	0	48.846023	-86.947091	56115.96	56243.8	6.21	56122.18	56115.73828	56126.62983	56121.91406	503881.8	5410340.5
L3880.0	503881.8	5410340.5	41586.89844	280.55	0	48.846023	-86.947091	56116.57	56243.8	6.22	56122.79	56116.31641	56127.32816	56122.57813	503881.8	5410340.5
L3880.0	503881.8	5410340.9	41587.00000	280.42	0	48.846027	-86.947091	56117.69	56243.8	6.22	56123.91	56117.40234	56127.98150	56123.19531	503881.8	5410340.9
L3880.0	503881.8	5410341.6	41587.10156	264.89	0	48.846034	-86.947091	56118.45	56243.8	6.22	56124.67	56118.13281	56128.66968	56123.85156	503881.8	5410341.6
L3880.0	503881.8	5410341.6	41587.19922	263.46	0	48.846034	-86.947091	56119.10	56243.8	6.22	56125.32	56118.75000	56129.36727	56124.51563	503881.8	5410341.6
L3880.0	503881.8	5410342.5	41587.30078	280.26	0	48.846041	-86.947092	56120.52	56243.8	6.22	56126.74	56120.14063	56130.02079	56125.13672	503881.8	5410342.5
L3880.0	503881.8	5410343.2	41587.39844	280.55	0	48.846048	-86.947092	56121.50	56243.8	6.22	56127.72	56121.08984	56130.71226	56125.79688	503881.8	5410343.2
L3880.0	503881.8	5410343.2	41587.50000	281.03	0	48.846048	-86.947092	56122.63	56243.8	6.21	56128.84	56122.17969	56131.40842	56126.46484	503881.8	5410343.2
L3880.0	503881.8	5410343.8	41587.60156	279.53	0	48.846053	-86.947091	56123.45	56243.8	6.21	56129.66	56122.97266	56132.12462	56127.15234	503881.8	5410343.8
L3880.0	503881.8	5410344.6	41587.69922	280.01	0	48.846060	-86.947091	56124.02	56243.8	6.21	56130.23	56123.51563	56132.85022	56127.84766	503881.8	5410344.6
L3880.0	503881.8	5410344.6	41587.80078	279.96	0	48.846060	-86.947091	56125.18	56243.8	6.21	56131.39	56124.64844	56133.57968	56128.55078	503881.8	5410344.6
L3880.0	503881.9	5410345.6	41587.89844	279.68	0	48.846069	-86.947090	56125.88	56243.8	6.21	56132.09	56125.32422	56134.31926	56129.26172	503881.9	5410345.6
L3880.0	503881.9	5410346.3	41588.00000	281.13	0	48.846075	-86.947090	56126.70	56243.8	6.21	56132.90	56126.10938	56135.06774	56129.98438	503881.9	5410346.3
L3880.0	503881.9	5410346.9	41588.10156	279.78	0	48.846081	-86.947089	56127.86	56243.8	6.21	56134.06	56127.24609	56135.83527	56130.72656	503881.9	5410346.9
L3880.0	503881.9	5410346.9	41588.19922	278.05	0	48.846081	-86.947089	56128.99	56243.8	6.21	56135.20	56128.36328	56136.61497	56131.48047	503881.9	5410346.9
L3880.0	503882.0	5410347.9	41588.30078	280.81	0	48.846090	-86.947088	56130.00	56243.8	6.21	56136.21	56129.35156	56137.40029	56132.24219	503882.0	5410347.9
L3880.0	503882.0	5410348.8	41588.39844	279.74	0	48.846098	-86.947088	56130.85	56243.8	6.21	56137.05	56130.16797	56138.18680	56133.00781	503882.0	5410348.8
L3880.0	503882.0	5410348.8	41588.39844	279.74	0	48.846098	-86.947088	56131.60	56243.8	6.21	56137.80	56130.89844	56138.97626	56133.77344	503882.0	5410348.8
L3880.0	503882.1	5410349.5	41588.60156	283.34	0	48.846104	-86.947088	56132.43	56243.8	6.20	56138.63	56131.70703	56139.77528	56134.55078	503882.1	5410349.5
L3880.0	503882.1	5410350.3	41588.69922	283.27	0	48.846112	-86.947087	56133.75	56243.8	6.20	56139.95	56133.00781	56140.59740	56135.35156	503882.1	5410350.3
L3880.0	503882.1	5410351.2	41588.80078	282.88	0	48.846120	-86.947087	56134.36	56243.8	6.20	56140.56	56133.60156	56141.39879	56136.13281	503882.1	5410351.2
L3880.0	503882.1	5410351.2	41588.89844	283.02	0	48.846120	-86.947087	56135.45	56243.8	6.20	56141.65	56134.67578	56142.21883	56136.93750	503882.1	5410351.2
L3880.0	503882.1	5410352.3	41589.00000	284.68	0	48.846129	-86.947087	56136.25	56243.8	6.20	56142.45	56135.45703	56143.03503	56137.73438	503882.1	5410352.3
L3880.0	503882.1	5410353.0	41589.10156	281.89	0	48.846136	-86.947087	56137.16	56243.8	6.20	56143.36	56136.35156	56143.85671	56138.53906	503882.1	5410353.0
L3880.0	503882.1	5410354.2	41589.19922	280.61	0	48.846146	-86.947087	56138.06	56243.8	6.20	56144.25	56137.23047	56144.68104	56139.34766	503882.1	5410354.2
L3880.0	503882.1	5410355.0	41589.30078	281.07	0	48.846154	-86.947087	56138.76	56243.8	6.20	56144.96	56137.92578	56145.51069	56140.16016	503882.1	5410355.0
L3880.0	503882.1	5410355.0	41589.39844	278.30	0	48.846154	-86.947087	56140.16	56243.8	6.20	56146.36	56139.31250	56146.32926	56140.96484	503882.1	5410355.0
L3880.0	503882.1	5410355.9	41589.50000	277.01	0	48.846162	-86.947087	56141.37	56243.8	6.19	56147.56	56140.50391	56147.14567	56141.76953	503882.1	5410355.9
L3880.0	503882.1	5410356.9	41589.60156	275.69	0	48.846171	-86.947087	56142.66	56243.8	6.19	56148.85	56141.78125	56147.95208	56142.56250	503882.1	5410356.9
L3880.0	503882.1	5410356.9	41589.69922	277.56	0	48.846171	-86.947087	56143.62	56243.8	6.19	56149.81	56142.73047	56148.77122	56143.36719	503882.1	5410356.9
L3880.0	503882.1	5410357.9	41589.80078	276.76	0	48.846180	-86.947087	56144.27	56243.8	6.19	56150.46	56143.37500	56149.61412	56144.19922	503882.1	5410357.9
L3880.0	503882.1	5410359.2	41589.89844	277.02	0	48.846191	-86.947087	56145.59	56243.8	6.19	56151.78	56144.68750	56150.40617	56144.98438	503882.1	5410359.2
L3880.0	503882.1	5410360.3	41590.00000	276.49	0	48.846202	-86.947087	56146.73	56243.8	6.19	56152.92	56145.82031	56151.20820	56145.77344	503882.1	5410360.3
L3880.0	503882.1	5410360.3	41590.10156	277.40	0	48.846202	-86.947087	56147.64	56243.8	6.19	56153.83	56146.72266	56152.03382	56146.59375	503882.1	5410360.3
L3880.0	503882.1	5410361.1	41590.19922	276.99	0	48.846208	-86.947087	56148.43	56243.8	6.19	56154.62	56147.50781	56152.87828	56147.42969	503882.1	5410361.1
L3880.0	503882.1	5410361.9	41590.30078	279.16	0	48.846216	-86.947087	56149.56	56243.8	6.19	56155.75	56148.63281	56153.68558	56148.23047	503882.1	5410361.9
L3880.0	503882.1	5410361.9	41590.39844	280.20	0	48.846216	-86.947087	56150.70	56243.8	6.19	56156.88	56149.76172	56154.49618	56149.03516	503882.1	5410361.9
L3880.0	503882.1	5410362.9	41590.39844	280.20	0	48.846225	-86.947087	56151.89	56243.8	6.19	56158.07	56150.94922	56155.30408	56149.83594	503882.1	5410362.9
L3880.0	503882.1	5410364.0	41590.60156	279.93	0	48.846235	-86.947087	56153.41	56243.8	6.18	56159.59	56152.46484	56156.07355	56150.60156	503882.1	5410364.0
L3880.0	503882.1	5410364.0	41590.69922	277.30	0	48.846235	-86.947087	56154.24	56243.8	6.18	56160.42	56153.29688	56156.95013	56151.47266	503882.1	5410364.0
L3880.0	503882.1	5410365.0	41590.80078	278.22	0	48.846244	-86.947087	56155.20	56243.8	6.18	56161.38	56154.25781	56157.81856	56152.33984	503882.1	5410365.0
L3880.0	503882.1	5410366.4	41590.89844	278.39	0	48.846256	-86.947087	56156.14	56243.8	6.18	56162.33	56155.20703	56158.69814	56153.21875	503882.1	5410366.4
L3880.0	503882.1	5410366.4	41591.00000	276.61	0	48.846256	-86.947087	56157.50	56243.8	6.18	56163.68	56156.55859	56159.53854	56154.05469	503882.1	5410366.4
L3880.0	503882.1	5410367.2	41591.10156	277.00	0	48.846264	-86.947087	56158.18	56243.8	6.18	56164.36	56157.24219	56160.46742	56154.98438	503882.1	5410367.2
L3880.0	503882.1	5410368.3	41591.19922	276.12	0	48.846273	-86.947087	56159.52	56243.8	6.18	56165.70	56158.58594	56161.33055	56155.84766	503882.1	5410368.3
L3880.0	503882.1	5410369.4	41591.30078	276.14	0	48.846283	-86.947087	56160.74	56243.8	6.18	56166.92	56159.80859	56162.21663	56156.73438	503882.1	5410369.4
L3880.0	503882.1	5410370.2	41591.39844	276.73	0	48.846291	-86.947087	56161.93	56243.8	6.18	56168.11	56161.00391	56163.11263	56157.63281	503882.1	5410370.2
L3880.0	503882.1	5410370.2	41591.50000	278.45	0	48.846291	-86.947087	56163.02	56243.8	6.17	56169.19	56162.08984	56164.02199	56158.54297	503882.1	5410370.2
L3880.0	503882.1	5410371.5	41591.60156	278.24	0	48.846303	-86.947087	56164.48	56243.8	6.17	56170.65	56163.55859	56164.90946	56159.43359	503882.1	5410371.5
L3880.0	503882.1	5410372.7	41591.69922	280.90	0	48.846313	-86.947087	56165.57	56243.8	6.17	56171.74	56164.65625	56165.82179	56160.35156	503882.1	5410372.7
L3880.0	503882.1	5410372.7	41591.80078	280.43	0	48.846313	-86.947087	56166.33	56243.8	6.17	56172.50	56165.42578	56166.74565	56161.27734	503882.1	5410372.7
L3880.0	503882.1	5410373.8	41591.89844	280.15	0	48.846322	-86.947087	56167.04	56243.8	6.17	56173.21	56166.14453	56167.66204	56162.19922	503882.1	5410373.8
L3880.0	503882.1	5410374.9	41592.00000	282.16	0	48.846333	-86.947087	56168.25	56243.8	6.17	56174.42	56167.36328	56168.54846	56163.08984	503882.1	5410374.9
L3880.0	503882.1	5410374.9	41592.10156	282.50	0	48.846333	-86.947087	56169.64	56243.8	6.17	56175.80	56168.75391	56169.41882	56163.96875	503882.1	5410374.9
L3880.0	503882.0	5410376.1	41592.19922	282.68	0	48.846344	-86.947087	56170.64	56243.8	6.16	56176.81	56169.77734	56170.29248	56164.84766	503882.0	5410376.1
L3880.0	503882.0	5410377.2	41592.30078	281.61	0	48.846353	-86.947088	56171.86	56243.8	6.16	56178.02	56171.00000	56171.14685	56165.71094	503882.0	5410377.2
L3880.0	503882.0	5410377.2	41592.39844	281.31	0	48.846353	-86.947088	56173.16	56243.8	6.16	56179.32	56172.31250	56171.98465	56166.55469	503882.0	5410377.2
L3880.0	503882.0	5410378.8	41592.39844	281.31	0	48.846368	-86.947088	56173.71	56243.8	6.16	56179.87	56172.87500	56172.84737	56167.42578	503882.0	5410378.8
L3880.0	503882.0	5410379.7	41592.60156	279.97	0	48.846376	-86.947088	56175.06	56243.8	6.15	56181.21	56174.22656	56173.65954	56168.25000	503882.0	5410379.7
L3880.0	503882.0	5410380.6	41592.69922	280.24	0	48.846384	-86.947089	56176.29	56243.9	6.15	56182.44	56175.47266	56174.46316	56169.06250	503882.0	5410380.6
L3880.0	503881.9	5410381.6	41592.80078	280.14	0	48.846393	-86.947089	56177.62	56243.9	6.15	56183.76	56176.80859	56175.24548	56169.85547	503881.9	5410381.6
L3880.0	503881.9	5410381.6	41592.89844	278.34	0	48.846393	-86.947089	56178.68	56243.9	6.14	56184.82	56177.88672	56176.03341	56170.65234	503881.9	5410381.6
L3880.0	503881.9	5410382.8	41593.00000	279.13	0	48.846403	-86.947090	56179.78	56243.9	6.14	56185.92	56179.00000	56176.80679	56171.43750	503881.9	5410382.8

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L3880.0	503881.8	5410384.2	41593.10156	277.77	0	48.846416	-86.947090	56180.92	56243.9	6.13	56187.05	56180.14844	56177.56838	56172.21094	503881.8	5410384.2
L3880.0	503881.8	5410384.2	41593.19922	276.24	0	48.846416	-86.947090	56181.99	56243.9	6.13	56188.12	56181.23828	56178.33128	56172.98828	503881.8	5410384.2
L3880.0	503881.8	5410385.3	41593.30078	274.64	0	48.846427	-86.947091	56183.00	56243.9	6.12	56189.12	56182.25781	56179.10248	56173.76953	503881.8	5410385.3
L3880.0	503881.8	5410386.2	41593.39844	274.60	0	48.846434	-86.947091	56184.00	56243.9	6.12	56190.12	56183.27344	56179.87708	56174.55859	503881.8	5410386.2
L3880.0	503881.8	5410387.3	41593.50000	273.02	0	48.846445	-86.947091	56184.98	56243.9	6.11	56191.09	56184.26563	56181.51903	56176.21484	503881.8	5410387.3
L3880.0	503881.8	5410387.3	41593.60156	274.44	0	48.846445	-86.947091	56185.32	56243.9	6.10	56191.43	56184.62500	56182.13497	56176.84375	503881.8	5410387.3
L3880.0	503881.7	5410388.6	41593.69922	272.03	0	48.846456	-86.947092	56186.56	56243.9	6.10	56192.66	56185.87500	56182.99897	56177.72266	503881.7	5410388.6
L3880.0	503881.7	5410389.9	41593.80078	273.75	0	48.846468	-86.947092	56187.96	56243.9	6.09	56194.05	56187.28516	56183.91393	56178.65234	503881.7	5410389.9
L3880.0	503881.7	5410391.0	41593.89844	278.24	0	48.846478	-86.947092	56189.62	56243.9	6.09	56195.71	56188.96875	56184.90919	56179.66406	503881.7	5410391.0
L3880.0	503881.7	5410391.0	41594.00000	278.89	0	48.846478	-86.947092	56190.57	56243.9	6.08	56196.65	56189.92969	56185.73177	56180.50000	503881.7	5410391.0
L3880.0	503881.7	5410392.5	41594.10156	278.54	0	48.846491	-86.947092	56191.96	56243.9	6.08	56198.04	56191.34375	56186.68087	56181.46875	503881.7	5410392.5
L3880.0	503881.7	5410393.7	41594.19922	277.96	0	48.846502	-86.947092	56192.89	56243.9	6.07	56198.97	56192.29688	56187.52275	56182.32422	503881.7	5410393.7
L3880.0	503881.7	5410393.7	41594.30078	278.08	0	48.846502	-86.947092	56193.82	56243.9	6.07	56199.90	56193.25000	56188.37389	56183.19531	503881.7	5410393.7
L3880.0	503881.7	5410395.1	41594.39844	276.14	0	48.846514	-86.947093	56194.82	56243.9	6.07	56200.88	56194.25391	56189.24448	56184.08203	503881.7	5410395.1
L3880.0	503881.7	5410395.1	41594.39844	276.14	0	48.846514	-86.947093	56195.65	56243.9	6.07	56201.72	56195.11719	56190.08217	56184.93750	503881.7	5410395.1
L3880.0	503881.6	5410396.3	41594.60156	278.41	0	48.846525	-86.947093	56196.93	56243.9	6.06	56203.00	56196.42188	56191.03552	56185.90625	503881.6	5410396.3
L3880.0	503881.6	5410397.4	41594.69922	277.14	0	48.846535	-86.947093	56198.06	56243.9	6.06	56204.12	56197.57031	56191.94361	56186.83203	503881.6	5410397.4
L3880.0	503881.6	5410399.1	41594.80078	279.54	0	48.846551	-86.947093	56199.07	56243.9	6.06	56205.12	56198.59375	56192.81190	56187.71875	503881.6	5410399.1
L3880.0	503881.6	5410400.0	41594.89844	278.15	0	48.846558	-86.947093	56200.05	56243.9	6.05	56206.10	56199.60156	56193.66321	56188.58984	503881.6	5410400.0
L3880.0	503881.6	5410400.0	41595.00000	276.60	0	48.846558	-86.947093	56201.05	56243.9	6.05	56207.10	56200.62891	56194.50600	56189.45313	503881.6	5410400.0
L3880.0	503881.6	5410401.1	41595.10156	276.84	0	48.846569	-86.947093	56202.20	56244	6.05	56208.24	56201.79297	56195.37014	56190.33594	503881.6	5410401.1
L3880.0	503881.6	5410402.6	41595.19922	278.12	0	48.846582	-86.947093	56203.31	56244	6.04	56209.36	56202.94141	56196.21427	56191.19922	503881.6	5410402.6
L3880.0	503881.6	5410403.5	41595.30078	277.95	0	48.846590	-86.947093	56204.53	56244	6.04	56210.57	56204.17969	56197.06942	56192.07422	503881.6	5410403.5
L3880.0	503881.6	5410403.5	41595.39844	277.39	0	48.846590	-86.947093	56205.20	56244	6.03	56211.24	56204.87500	56197.77162	56192.79688	503881.6	5410403.5
L3880.0	503881.6	5410404.6	41595.50000	278.00	0	48.846600	-86.947093	56206.25	56244	6.03	56212.28	56205.94531	56198.56349	56193.60938	503881.6	5410404.6
L3880.0	503881.6	5410405.8	41595.60156	277.23	0	48.846610	-86.947093	56207.20	56244	6.03	56213.23	56206.92188	56199.32556	56194.39063	503881.6	5410405.8
L3880.0	503881.6	5410407.0	41595.69922	277.11	0	48.846621	-86.947093	56208.41	56244	6.02	56214.43	56208.15234	56200.14596	56195.23047	503881.6	5410407.0
L3880.0	503881.6	5410407.0	41595.80078	277.11	0	48.846621	-86.947093	56208.98	56244	6.02	56215.00	56208.75000	56200.80536	56195.91016	503881.6	5410407.0
L3880.0	503881.6	5410408.3	41595.89844	276.51	0	48.846633	-86.947093	56210.12	56244	6.01	56216.14	56209.91797	56201.60934	56196.73828	503881.6	5410408.3
L3880.0	503881.6	5410409.5	41596.00000	276.49	0	48.846644	-86.947093	56211.10	56244	6.01	56217.11	56210.91797	56202.37247	56197.51953	503881.6	5410409.5
L3880.0	503881.6	5410409.5	41596.10156	274.63	0	48.846644	-86.947093	56212.19	56244	6.01	56218.20	56212.03906	56203.16763	56198.33594	503881.6	5410409.5
L3880.0	503881.6	5410410.7	41596.19922	274.80	0	48.846655	-86.947093	56213.12	56244	6.00	56219.12	56212.98828	56203.92653	56199.11719	503881.6	5410410.7
L3880.0	503881.6	5410411.9	41596.30078	278.75	0	48.846665	-86.947093	56213.91	56244	6.00	56219.90	56213.79688	56204.65888	56199.87109	503881.6	5410411.9
L3880.0	503881.6	5410413.3	41596.39844	276.81	0	48.846678	-86.947093	56214.77	56244	5.99	56220.76	56214.68750	56205.41877	56200.65234	503881.6	5410413.3
L3880.0	503881.6	5410414.5	41596.39844	276.81	0	48.846689	-86.947093	56215.89	56244	5.99	56221.88	56215.83984	56206.24995	56201.50781	503881.6	5410414.5
L3880.0	503881.6	5410414.5	41596.60156	277.77	0	48.846689	-86.947093	56216.99	56244	5.98	56222.97	56216.95703	56207.08470	56202.36328	503881.6	5410414.5
L3880.0	503881.6	5410416.3	41596.69922	274.76	0	48.846706	-86.947093	56217.76	56244	5.97	56223.73	56217.75000	56207.85246	56203.15234	503881.6	5410416.3
L3880.0	503881.6	5410417.3	41596.80078	272.87	0	48.846714	-86.947093	56218.43	56244	5.97	56224.40	56218.44922	56208.60994	56203.93359	503881.6	5410417.3
L3880.0	503881.6	5410417.3	41596.89844	273.82	0	48.846714	-86.947093	56219.18	56244	5.96	56225.14	56219.22266	56209.39426	56204.74219	503881.6	5410417.3
L3880.0	503881.6	5410418.7	41597.00000	272.86	0	48.846726	-86.947093	56220.55	56244	5.96	56226.51	56220.62500	56210.34124	56205.71094	503881.6	5410418.7
L3880.0	503881.6	5410420.0	41597.10156	273.60	0	48.846739	-86.947093	56221.56	56244	5.96	56227.51	56221.65625	56211.20825	56206.60156	503881.6	5410420.0
L3880.0	503881.6	5410421.2	41597.19922	275.24	0	48.846749	-86.947093	56222.40	56244	5.95	56228.36	56222.53516	56212.04545	56207.46094	503881.6	5410421.2
L3880.0	503881.6	5410422.4	41597.30078	277.11	0	48.846760	-86.947094	56223.50	56244	5.95	56229.45	56223.66016	56212.94848	56208.38672	503881.6	5410422.4
L3880.0	503881.6	5410422.4	41597.39844	276.82	0	48.846760	-86.947094	56224.14	56244.1	5.95	56230.09	56224.33203	56213.74046	56209.20313	503881.6	5410422.4
L3880.0	503881.5	5410424.6	41597.50000	276.45	0	48.846780	-86.947094	56225.07	56244.1	5.94	56231.02	56225.29297	56214.60768	56210.09375	503881.5	5410424.6
L3880.0	503881.5	5410424.6	41597.60156	277.32	0	48.846780	-86.947094	56225.98	56244.1	5.94	56231.93	56226.23438	56215.46903	56210.98047	503881.5	5410424.6
L3880.0	503881.5	5410425.5	41597.69922	277.79	0	48.846788	-86.947094	56226.84	56244.1	5.94	56232.78	56227.11719	56216.31016	56211.84375	503881.5	5410425.5
L3880.0	503881.5	5410425.5	41597.80078	277.30	0	48.846788	-86.947094	56227.76	56244.1	5.94	56233.70	56228.07031	56217.16243	56212.71875	503881.5	5410425.5
L3880.0	503881.5	5410427.0	41597.89844	279.00	0	48.846801	-86.947095	56228.72	56244.1	5.93	56234.65	56229.05469	56216.22233	56211.80469	503881.5	5410427.0
L3880.0	503881.4	5410428.4	41598.00000	278.71	0	48.846814	-86.947095	56229.50	56244.1	5.93	56235.43	56229.86719	56217.04443	56212.65234	503881.4	5410428.4
L3880.0	503881.4	5410430.2	41598.10156	277.90	0	48.846830	-86.947096	56230.06	56244.1	5.93	56235.98	56230.44922	56217.88075	56213.51172	503881.4	5410430.2
L3880.0	503881.4	5410431.0	41598.19922	278.64	0	48.846838	-86.947096	56231.21	56244.1	5.93	56237.14	56231.64453	56218.62348	56214.27734	503881.4	5410431.0
L3880.0	503881.4	5410431.0	41598.30078	276.66	0	48.846838	-86.947096	56231.74	56244.1	5.93	56237.67	56232.20703	56219.43409	56215.11328	503881.4	5410431.0
L3880.0	503881.4	5410432.3	41598.39844	276.28	0	48.846849	-86.947096	56233.00	56244.1	5.93	56238.92	56233.48828	56220.14237	56215.84766	503881.4	5410432.3
L3880.0	503881.4	5410433.9	41598.39844	276.28	0	48.846863	-86.947096	56233.66	56244.1	5.93	56239.59	56234.19141	56220.91268	56216.64453	503881.4	5410433.9
L3880.0	503881.4	5410433.9	41598.60156	280.66	0	48.846863	-86.947096	56234.52	56244.1	5.92	56240.45	56235.08594	56221.65018	56217.40625	503881.4	5410433.9
L3880.0	503881.4	5410435.3	41598.69922	280.09	0	48.846876	-86.947096	56235.44	56244.1	5.92	56241.36	56236.03125	56222.37431	56218.15625	503881.4	5410435.3
L3880.0	503881.4	5410436.4	41598.80078	280.30	0	48.846886	-86.947096	56236.32	56244.1	5.92	56242.24	56236.94531	56223.09692	56218.90234	503881.4	5410436.4
L3880.0	503881.4	5410437.7	41598.89844	280.53	0	48.846897	-86.947096	56236.90	56244.1	5.92	56242.82	56237.55859	56223.85261	56219.68359	503881.4	5410437.7
L3880.0	503881.4	5410437.7	41599.00000	279.56	0	48.846897	-86.947096	56237.76	56244.1	5.92	56243.68	56238.45313	56224.57344	56220.42969	503881.4	5410437.7
L3880.0	503881.4	5410439.4	41599.10156	277.69	0	48.846913	-86.947096	56238.61	56244.1	5.92	56244.52	56239.32813	56225.29552	56221.17969	503881.4	5410439.4
L3880.0	503881.4	5410440.8	41599.19922	276.74	0	48.846926	-86.947096	56239.25	56244.1	5.92	56245.16	56240.00000	56226.04040	56221.94922	503881.4	5410440.8
L3880.0	503881.4	5410440.8	41599.30078	276.90	0	48.846926	-86.947096	56240.04	56244.1	5.92	56245.96	56240.83594	56226.76702	56222.70313	503881.4	5410440.8
L3880.0	503881.3	5410441.7	41599.39844	276.61	0	48.846934	-86.947097	56240.80	56244.1	5.92	56246.72	56241.62891	56227.50036	56223.46484	503881.3	5410441.7
L3880.0	503881.3	5410442.9	41599.39844	276.61	0	48.846944	-86.947097	56241.60	56244.1	5.92	56247.51	56242.45703	56228.23635	56224.22656	503881.3	5410442.9
L3880.0	503881.3	5410442.9	41599.60156	277.42	0	48.846944	-86.947097	56242.25	56244.1	5.91	56248.16	56243.14063	56228.98934	56225.00391	503881.3	5410442.9
L3880.0	503881.3	5410444.2	41599.60156	276.87	0	48.846956	-86.947097	56242.98	56244.1	5.91	56248.89	56243.90625	56229.73122	56225.77344	503881.3	5410444.2
L3880.0	503881.3	5410445.7	41599.80078	275.03	0	48.846969	-86.947097	56244.12	56244.1	5.91	56250.03	56245.08203	56230.42510	56226.49609	503881.3	5410445.7
L3880.0	503881.3	5410446.7	41599.80078	275.03	0	48.846979	-86.947097	56244.76	56244.1	5.91	56250.67	56245.75391	56231.16261	56227.26172	503881.3	5410446.7
L3880.0	503881.3	5410448.0	41600.00000	274.46	0	48.846990	-86.947097	56245.85	56244.1	5.91	56251.76	56246.87891	56231.84334	56227.96875	503881.3	5410448.0
L3880.0	503881.3	5410448.0	41600.10156	276.50	0	48.846990	-86.947097	56246.04	56244.1	5.91	56251.95	56247.10547	56232.59738	56228.75000	503881.3	5410448.0
L3880.0	503881.2	5410449.5	41600.19922	280.16	0	48.847004	-86.947098	56247.23	56244.1	5.91	56253.14	56248.33203	56233.23551	56229.41406	503881.2	5410449.5
L3880.0	503881.2	5410449.5	41600.19922	280.16	0	48.847004	-86.947098	56247.62	56244.1	5.91	56253.53	56248.75781	56233.93030	56230.13672	503881.2	5410449.5
L3880.0	503881.2	5410451.1	41600.39844	279.63	0	48.847018	-86.947098	56248.51	56244.1	5.91	56254.42	56249.68359	56234.55495	56230.78906	503881.2	5410451.1
L3880.0	503881.2	5410452.3	41600.39844	279.63	0	48.847029	-86.947098	56249.18	56244.1	5.91	56255.08	56250.37891	56235.17961	56231.44531	503881.2	5410452.3
L3880.0	503881.2	5410453.6	41600.60156	278.53	0	48.847041	-86.947098	56250.06	56244.1	5.90	56255.97	56251.30469	56235.75698	56232.05078	503881.2	5410453.6
L3880.0	503881.2	5410454.9	41600.69922	278.71	0	48.847052	-86.947098	56250.71	56244.1	5.90	56256.61	56251.98047	56236.33390	56232.65625	503881.2	5410454.9
L3880.0	503881.2	5410454.9	41600.80078	281.37	0	48.847052	-86.947098	56251.39	56244.1	5.90	56257.30	56252.70703	56236.87759	56233.22656	503881.2	5410454.9
L3880.0	503881.2	5410456.5	41600.89844	279.78	0	48.847066	-86.947098	56252.34	56244.1	5.90	56258.24	56253.68359	56237.36201	56233.74219	503881.2	5410456.5
L3880.0	503881.2	5410457.9	41601.00000	277.61	0	48.847079	-86.947098	56252.75	56244.1	5.90	56258.65	56254.12891	56237.88156	56234.28906	503881.2	5410457.9
L3880.0	503881.2	5410459.1	41601.10156	276.17	0	48.847091	-86.947098	56253.71	56244.1	5.90	56259.61	56255.12500	56238.29970	56234.73828	503881.2	5410459.1
L3880.0	503881.2	5410459.1	41601.19922	274.69	0	48.847091	-86.947098	56254.20	56244.1	5.90	56260.10	56255.64844	56240.81068	56237.27734	503881.2	5410459.1
L3880.0	503881.2	5410461.0	41601.30078	273.71	0	48.847108	-86.947098	56254.77	56244.1	5.90	56260.67	56256.25781	56241.21214	56237.70703	503881.2	5410461.0
L3880.0	503881.2	5410462.0	41601.39844	276.83	0	48.847116	-86.947098	56255.42	56244.1	5.90	56261.32	56256.94141	56241.61430	56238.14063	503881.2	5410462.0
L3880.0	503881.2	5410463.7	41601.50000	278.17	0	48.847131	-86.947099	56255.96	56244.1	5.90	56261.86	56257.51953	56241.97010	56238.52734	503881.2	5410463.7
L3880.0	503881.2	5410463.7	41601.60156	275.61	0	48.847131	-86.947099	56256.53	56244.1	5.90	56262.43	56258.12500	56242.31290	56238.89844	503881.2	5410463.7
L3880.0	503881.1	5410465.2	41601.69922	277.65	0	48.847145	-86.947099	56257.26	56244.1	5.90	56263.16	56258.89453	56242.66740	56239.28516	503881.1	5410465.2
L3880.0	503881.1	5410466.7	41601.80078	276.16	0	48.847159	-86.947099	56258.03	56244.1	5.90	56263.93	56259.69922	56243.00012	56239.64844	503881.1	5410466.7
L3880.0	503881.1	5410468.1	41601.89844	275.55	0	48.847171	-86.947099	56258.49	56244.1	5.90	56264.39	56260.19531	56243.23711	56239.91406	503881.1	5410468.1
L3880.0	503881.1	5410468.1	41602.00000	274.83	0	48.847171	-86.947099	56259.21	56244.1	5.90	56265.11	56260.95313	56243.49757	56240.20703	503881.1	5410468.1
L3880.0	503881.1	5410469.9	41602.10156	273.97	0	48.847187	-86.947099	56259.45	56244.1	5.90	56265.35	56261.23047	56243.64382	56240.38281	503881.1	5410469.9
L3880.0	503881.1	5410470.9	41602.19922	273.53	0	48.847197	-86.947099	56260.40	56244.1	5.90	56266.30	56262.21484	56243.88146	56240.65234	503881.1	5410470.9
L3880.0	503881.1	5410472.3	41602.30078	273.03	0	48.847209	-86.947100	56261.07	56244.1	5.89	56266.97	56262.92188	56244.03622	56240.83594	503881.1	5410472.3

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L3880.0	503881.1	5410472.3	41602.39844	276.66	0	48.847209	-86.947100	56261.95	56244.1	5.89	56267.85	56263.83984	56244.18602	56241.01953	503881.1	5410472.3
L3880.0	503881.1	5410473.7	41602.39844	276.66	0	48.847222	-86.947100	56262.29	56244.1	5.89	56268.18	56264.20703	56244.26751	56241.13281	503881.1	5410473.7
L3880.0	503881.1	5410475.8	41602.60156	274.12	0	48.847240	-86.947100	56262.57	56244.1	5.89	56268.46	56264.52344	56244.36479	56241.26172	503881.1	5410475.8
L3880.0	503881.1	5410475.8	41602.69922	274.63	0	48.847240	-86.947100	56263.54	56244.1	5.89	56269.42	56265.51953	56244.54273	56241.46875	503881.1	5410475.8
L3880.0	503881.1	5410476.9	41602.80078	273.04	0	48.847250	-86.947100	56264.01	56244.1	5.88	56269.89	56266.02734	56244.71368	56241.67188	503881.1	5410476.9
L3880.0	503881.1	5410478.5	41602.89844	271.17	0	48.847265	-86.947100	56264.51	56244.1	5.88	56270.39	56266.56641	56244.92662	56241.91797	503881.1	5410478.5
L3880.0	503881.1	5410479.7	41603.00000	274.34	0	48.847275	-86.947100	56264.82	56244.1	5.88	56270.70	56266.91406	56245.17606	56242.19922	503881.1	5410479.7
L3880.0	503881.1	5410479.7	41603.10156	271.48	0	48.847275	-86.947100	56265.46	56244.1	5.88	56271.34	56267.58984	56245.47593	56242.53125	503881.1	5410479.7
L3880.0	503881.0	5410480.8	41603.19922	257.16	0	48.847285	-86.947100	56266.30	56244.1	5.88	56272.17	56268.45703	56245.81453	56242.90234	503881.0	5410480.8
L3880.0	503881.0	5410482.5	41603.30078	256.41	0	48.847300	-86.947100	56266.73	56244.1	5.88	56272.60	56268.92578	56246.18843	56243.30859	503881.0	5410482.5
L3880.0	503881.0	5410482.5	41603.39844	273.36	0	48.847300	-86.947100	56267.25	56244.1	5.88	56273.12	56269.48047	56246.60632	56243.75781	503881.0	5410482.5
L3880.0	503881.0	5410484.2	41603.50000	273.60	0	48.847316	-86.947101	56267.82	56244.1	5.88	56273.70	56270.09766	56247.07268	56244.25781	503881.0	5410484.2
L3880.0	503881.0	5410485.7	41603.60156	254.92	0	48.847330	-86.947101	56268.58	56244.1	5.87	56274.45	56270.88672	56247.59136	56244.80859	503881.0	5410485.7
L3880.0	503881.0	5410485.7	41603.69922	254.38	0	48.847330	-86.947101	56268.79	56244.1	5.87	56274.66	56271.13281	56248.16884	56245.41797	503881.0	5410485.7
L3880.0	503881.0	5410487.0	41603.80078	274.77	0	48.847341	-86.947101	56269.16	56244.1	5.87	56275.04	56271.55078	56248.80636	56246.08984	503881.0	5410487.0
L3880.0	503881.0	5410488.5	41603.89844	277.65	0	48.847355	-86.947101	56269.94	56244.1	5.87	56275.81	56272.35547	56249.50967	56246.82813	503881.0	5410488.5
L3880.0	503881.0	5410489.7	41604.00000	275.89	0	48.847365	-86.947101	56270.52	56244.1	5.87	56276.39	56272.97266	56250.27745	56247.62891	503881.0	5410489.7
L3880.0	503881.0	5410489.7	41604.10156	277.40	0	48.847365	-86.947101	56270.97	56244.1	5.87	56276.84	56273.46094	56251.10445	56248.48828	503881.0	5410489.7
L3880.0	503881.0	5410491.4	41604.19922	277.78	0	48.847381	-86.947101	56271.38	56244.1	5.87	56277.25	56273.90625	56251.98606	56249.40234	503881.0	5410491.4
L3880.0	503881.0	5410493.2	41604.30078	258.30	0	48.847397	-86.947101	56271.73	56244.1	5.87	56277.60	56274.29688	56252.91605	56250.36719	503881.0	5410493.2
L3880.0	503881.0	5410493.2	41604.39844	259.49	0	48.847397	-86.947101	56272.37	56244.1	5.87	56278.24	56274.97266	56253.91240	56251.39453	503881.0	5410493.2
L3880.0	503880.9	5410494.9	41604.39844	259.49	0	48.847412	-86.947101	56272.90	56244.1	5.87	56278.77	56275.53906	56254.94532	56252.46094	503880.9	5410494.9
L3880.0	503880.9	5410496.5	41604.60156	276.76	0	48.847426	-86.947101	56273.63	56244.1	5.87	56279.50	56276.30469	56256.03324	56253.58203	503880.9	5410496.5
L3880.0	503880.9	5410496.5	41604.69922	276.96	0	48.847426	-86.947101	56273.68	56244.1	5.87	56279.55	56276.39453	56257.05816	56254.64063	503880.9	5410496.5
L3880.0	503880.9	5410498.2	41604.80078	277.06	0	48.847442	-86.947102	56274.16	56244.1	5.87	56280.03	56276.91016	56258.13738	56255.75391	503880.9	5410498.2
L3880.0	503880.9	5410500.0	41604.89844	276.13	0	48.847458	-86.947102	56274.59	56244.1	5.87	56280.46	56277.37500	56259.19544	56256.84375	503880.9	5410500.0
L3880.0	503880.9	5410501.6	41605.00000	275.76	0	48.847472	-86.947102	56275.48	56244.1	5.87	56281.35	56278.30469	56260.32086	56258.00391	503880.9	5410501.6
L3880.0	503880.9	5410501.6	41605.10156	275.99	0	48.847472	-86.947102	56275.72	56244.1	5.87	56281.59	56278.57813	56261.28400	56259.00000	503880.9	5410501.6
L3880.0	503880.9	5410503.1	41605.19922	277.38	0	48.847486	-86.947102	56275.96	56244.1	5.87	56281.83	56278.85547	56262.19222	56259.94141	503880.9	5410503.1
L3880.0	503880.9	5410504.5	41605.30078	280.97	0	48.847499	-86.947102	56276.89	56244.1	5.87	56282.76	56279.82422	56263.20994	56260.99219	503880.9	5410504.5
L3880.0	503880.9	5410504.5	41605.39844	285.48	0	48.847499	-86.947102	56276.54	56244.1	5.87	56282.41	56279.50781	56263.82643	56261.64453	503880.9	5410504.5
L3880.0	503880.8	5410505.9	41605.50000	285.25	0	48.847512	-86.947103	56277.45	56244.1	5.88	56283.32	56280.45703	56262.82790	56260.67969	503880.8	5410505.9
L3880.0	503880.8	5410507.2	41605.60156	285.94	0	48.847523	-86.947103	56277.63	56244.1	5.88	56283.50	56280.67188	56263.58587	56261.46875	503880.8	5410507.2
L3880.0	503880.8	5410507.2	41605.69922	286.38	0	48.847523	-86.947103	56278.11	56244.1	5.88	56283.99	56281.19922	56264.24217	56262.16016	503880.8	5410507.2
L3880.0	503880.8	5410509.2	41605.80078	283.41	0	48.847541	-86.947103	56278.45	56244.1	5.88	56284.33	56281.57422	56264.85514	56262.80469	503880.8	5410509.2
L3880.0	503880.7	5410510.6	41605.89844	281.78	0	48.847554	-86.947104	56278.95	56244.1	5.88	56284.83	56282.10938	56265.39247	56263.37500	503880.7	5410510.6
L3880.0	503880.7	5410511.7	41606.00000	280.77	0	48.847564	-86.947104	56279.65	56244.1	5.88	56285.53	56282.84375	56265.84828	56263.86328	503880.7	5410511.7
L3880.0	503880.7	5410511.7	41606.10156	278.73	0	48.847564	-86.947104	56279.85	56244.1	5.88	56285.73	56283.08203	56266.27878	56264.32813	503880.7	5410511.7
L3880.0	503880.7	5410513.8	41606.19922	279.46	0	48.847582	-86.947105	56280.08	56244.1	5.88	56285.96	56283.34766	56266.63958	56264.72266	503880.7	5410513.8
L3880.0	503880.7	5410514.9	41606.30078	282.22	0	48.847592	-86.947105	56280.18	56244.1	5.88	56286.06	56283.48047	56266.95629	56265.07031	503880.7	5410514.9
L3880.0	503880.6	5410516.7	41606.39844	281.67	0	48.847608	-86.947105	56280.95	56244.1	5.88	56286.83	56284.28906	56267.13962	56265.28516	503880.6	5410516.7
L3880.0	503880.6	5410516.7	41606.39844	281.67	0	48.847608	-86.947105	56281.13	56244.1	5.88	56287.00	56284.49219	56267.34732	56265.52734	503880.6	5410516.7
L3880.0	503880.6	5410518.5	41606.60156	280.70	0	48.847624	-86.947106	56281.81	56244.1	5.87	56287.69	56285.21875	56269.29779	56267.51172	503880.6	5410518.5
L3880.0	503880.6	5410520.0	41606.69922	277.04	0	48.847638	-86.947106	56282.05	56244.1	5.87	56287.92	56285.48438	56269.40021	56267.64453	503880.6	5410520.0
L3880.0	503880.6	5410520.0	41606.80078	277.47	0	48.847638	-86.947106	56282.43	56244.1	5.87	56288.30	56285.89844	56269.53360	56267.80859	503880.6	5410520.0
L3880.0	503880.5	5410521.5	41606.89844	276.45	0	48.847651	-86.947107	56282.71	56244.1	5.87	56288.58	56286.21094	56269.64883	56267.95703	503880.5	5410521.5
L3880.0	503880.5	5410523.4	41607.00000	276.45	0	48.847668	-86.947107	56282.98	56244.1	5.87	56288.85	56286.51563	56269.77959	56268.12109	503880.5	5410523.4
L3880.0	503880.5	5410523.4	41607.10156	274.37	0	48.847668	-86.947107	56283.47	56244.1	5.87	56289.34	56287.03906	56269.98039	56268.35156	503880.5	5410523.4
L3880.0	503880.5	5410525.2	41607.19922	272.71	0	48.847685	-86.947108	56283.73	56244.1	5.87	56289.60	56287.33594	56270.16106	56268.56641	503880.5	5410525.2
L3880.0	503880.5	5410525.2	41607.30078	270.44	0	48.847685	-86.947108	56284.34	56244.1	5.87	56290.21	56287.98047	56270.44203	56268.87891	503880.5	5410525.2
L3880.0	503880.4	5410526.9	41607.39844	272.92	0	48.847700	-86.947108	56284.44	56244.1	5.87	56290.30	56288.10156	56270.66192	56269.12891	503880.4	5410526.9
L3880.0	503880.4	5410528.5	41607.50000	271.95	0	48.847714	-86.947108	56284.57	56244.1	5.87	56290.44	56288.27734	56270.93170	56269.42969	503880.4	5410528.5
L3880.0	503880.4	5410528.5	41607.60156	270.60	0	48.847714	-86.947108	56284.73	56244.1	5.86	56290.59	56288.46094	56271.24284	56269.76953	503880.4	5410528.5
L3880.0	503880.4	5410530.2	41607.69922	270.88	0	48.847730	-86.947108	56285.33	56244.1	5.86	56291.20	56289.10156	56271.67491	56270.23438	503880.4	5410530.2
L3880.0	503880.4	5410531.5	41607.80078	271.63	0	48.847741	-86.947108	56285.52	56244.1	5.86	56291.38	56289.31641	56272.07079	56270.66016	503880.4	5410531.5
L3880.0	503880.4	5410533.2	41607.89844	273.80	0	48.847756	-86.947108	56285.97	56244.1	5.86	56291.83	56289.80078	56272.54585	56271.16406	503880.4	5410533.2
L3880.0	503880.4	5410533.2	41608.00000	272.41	0	48.847756	-86.947108	56286.10	56244.1	5.86	56291.96	56289.96094	56272.99294	56271.64063	503880.4	5410533.2
L3880.0	503880.4	5410534.5	41608.10156	270.78	0	48.847769	-86.947108	56286.23	56244.1	5.86	56292.08	56290.11328	56273.45962	56272.13672	503880.4	5410534.5
L3880.0	503880.4	5410536.2	41608.19922	273.59	0	48.847784	-86.947108	56286.70	56244.1	5.86	56292.55	56290.61719	56274.00749	56272.71484	503880.4	5410536.2
L3880.0	503880.4	5410536.2	41608.30078	276.20	0	48.847784	-86.947108	56286.89	56244.1	5.85	56292.75	56290.84766	56274.52055	56273.25781	503880.4	5410536.2
L3880.0	503880.4	5410537.8	41608.39844	276.89	0	48.847798	-86.947108	56287.46	56244.1	5.85	56293.31	56291.44141	56275.11136	56273.87500	503880.4	5410537.8
L3880.0	503880.4	5410539.4	41608.39844	276.89	0	48.847812	-86.947108	56287.86	56244.1	5.85	56293.71	56291.87109	56275.67405	56274.46484	503880.4	5410539.4
L3880.0	503880.4	5410539.4	41608.60156	277.09	0	48.847812	-86.947108	56288.02	56244.2	5.85	56293.87	56292.06250	56276.18059	56275.00000	503880.4	5410539.4
L3880.0	503880.4	5410540.5	41608.69922	279.29	0	48.847823	-86.947108	56288.02	56244.2	5.85	56293.87	56292.09375	56276.63721	56275.48438	503880.4	5410540.5
L3880.0	503880.4	5410541.9	41608.80078	279.03	0	48.847835	-86.947108	56288.32	56244.2	5.84	56294.17	56292.42578	56277.13887	56276.01563	503880.4	5410541.9
L3880.0	503880.4	5410543.8	41608.89844	277.73	0	48.847852	-86.947108	56288.88	56244.2	5.84	56294.72	56293.00391	56277.67369	56276.57422	503880.4	5410543.8
L3880.0	503880.4	5410543.8	41609.00000	277.42	0	48.847852	-86.947108	56289.32	56244.2	5.84	56295.16	56293.47656	56278.15679	56277.08594	503880.4	5410543.8
L3880.0	503880.4	5410545.7	41609.10156	279.53	0	48.847869	-86.947108	56289.70	56244.2	5.84	56295.54	56293.88672	56278.59289	56277.54688	503880.4	5410545.7
L3880.0	503880.4	5410546.8	41609.19922	276.88	0	48.847879	-86.947108	56289.73	56244.2	5.84	56295.57	56293.94531	56278.91719	56277.89844	503880.4	5410546.8
L3880.0	503880.4	5410546.8	41609.30078	274.42	0	48.847879	-86.947108	56290.44	56244.2	5.84	56296.28	56294.68359	56279.36558	56278.37109	503880.4	5410546.8
L3880.0	503880.4	5410548.5	41609.39844	276.15	0	48.847894	-86.947108	56290.24	56244.2	5.84	56296.08	56294.51563	56279.57916	56278.60938	503880.4	5410548.5
L3880.0	503880.4	5410550.1	41609.50000	278.25	0	48.847909	-86.947108	56290.54	56244.2	5.84	56296.38	56294.84375	56279.87904	56278.93359	503880.4	5410550.1
L3880.0	503880.4	5410550.1	41609.60156	276.69	0	48.847909	-86.947108	56290.72	56244.2	5.84	56296.56	56295.05078	56280.12703	56279.20703	503880.4	5410550.1
L3880.0	503880.4	5410551.4	41609.69922	276.26	0	48.847921	-86.947108	56290.90	56244.2	5.84	56296.74	56295.26172	56280.35899	56279.46094	503880.4	5410551.4
L3880.0	503880.4	5410553.2	41609.80078	276.47	0	48.847937	-86.947108	56291.28	56244.2	5.84	56297.12	56295.66797	56280.62278	56279.75000	503880.4	5410553.2
L3880.0	503880.4	5410554.7	41609.89844	276.57	0	48.847950	-86.947108	56291.16	56244.2	5.84	56297.00	56295.57813	56280.78788	56279.93750	503880.4	5410554.7
L3880.0	503880.4	5410554.7	41610.00000	273.39	0	48.847950	-86.947108	56291.74	56244.2	5.84	56297.58	56296.18359	56281.10089	56280.27344	503880.4	5410554.7
L3880.0	503880.4	5410556.1	41610.10156	273.42	0	48.847963	-86.947108	56291.79	56244.2	5.84	56297.63	56296.26172	56281.33218	56280.52344	503880.4	5410556.1
L3880.0	503880.4	5410557.7	41610.19922	274.79	0	48.847977	-86.947108	56292.45	56244.2	5.84	56298.29	56296.94922	56281.69839	56280.91406	503880.4	5410557.7
L3880.0	503880.4	5410557.7	41610.30078	276.20	0	48.847977	-86.947108	56292.56	56244.2	5.83	56298.40	56297.08594	56281.99245	56281.22656	503880.4	5410557.7
L3880.0	503880.4	5410559.1	41610.39844	276.43	0	48.847990	-86.947108	56293.27	56244.2	5.83	56299.10	56297.81250	56282.42164	56281.67578	503880.4	5410559.1
L3880.0	503880.4	5410560.8	41610.39844	276.43	0	48.848005	-86.947108	56293.43	56244.2	5.83	56299.26	56297.99609	56282.78843	56282.06250	503880.4	5410560.8
L3880.0	503880.4	5410562.2	41610.60156	274.25	0	48.848018	-86.947108	56293.61	56244.2	5.83	56299.44	56298.20313	56283.18868	56282.48438	503880.4	5410562.2
L3880.0	503880.4	5410562.2	41610.69922	258.80	0	48.848018	-86.947108	56294.24	56244.2	5.83	56300.07	56298.85938	56283.69890	56283.01172	503880.4	5410562.2
L3880.0	503880.4	5410563.9	41610.80078	258.15	0	48.848033	-86.947108	56293.76	56244.2	5.82	56299.58	56298.39453	56284.02871	56283.35938	503880.4	5410563.9
L3880.0	503880.4	5410565.1	41610.89844	274.22	0	48.848044	-86.947108	56294.36	56244.2	5.82	56300.18	56299.01953	56284.58108	56283.92969	503880.4	5410565.1
L3880.0	503880.4	5410566.7	41611.00000	272.58	0	48.848058	-86.947108	56294.45	56244.2	5.82	56300.26	56299.12109	56285.05082	56284.41797	503880.4	5410566.7
L3880.0	503880.4	5410568.0	41611.10156	272.10	0	48.848070	-86.947108	56295.09	56244.2	5.82	56300.91	56299.79688	56285.64819	56285.03125	503880.4	5410568.0
L3880.0	503880.4	5410569.5	41611.19922	271.61	0	48.848083	-86.947108	56294.98	56244.2	5.81	56300.79	56299.69922	56286.09334	56285.49219	503880.4	5410569.5
L3880.0	503880.4	5410569.5	41611.30078	274.36	0	48.848083	-86.947108	56295.41	56244.2	5.81	56301.22	56300.15234	56286.65959	56286.07422	503880.4	5410569.5
L3880.0	503880.4	5410570.9	41611.39844	275.51	0	48.848096	-86.947107	56295.81	56244.2	5.81	56301.61	56300.56641	56287.22001	56286.65234	503880.4	5410570.9
L3880.0	503880.5	5410572.8	41611.50000	276.04	0	48.848113	-86.947107	56296.02	56244.2	5.81	56301.83	56300.80859	56287.73873	56287.18359	503880.5	5410572.8
L3880.0	503880.5	5410572.8	41611.60156	278.76	0	48.848113	-86.947107	56296.46	56244.2	5.80	56302.26	56301.26172	56288.30334	56287.76172	503880.5	5410572.8

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L3880.0	503880.5	5410574.0	41611.69922	278.13	0	48.848124	-86.947107	56296.14	56244.2	5.80	56301.94	56300.96484	56288.66675	56288.14063	503880.5	5410574.0
L3880.0	503880.5	5410575.4	41611.80078	280.75	0	48.848137	-86.947107	56296.69	56244.2	5.80	56302.48	56301.52734	56289.24020	56288.72656	503880.5	5410575.4
L3880.0	503880.5	5410577.7	41611.89844	279.62	0	48.848157	-86.947106	56296.64	56244.2	5.79	56302.44	56301.50781	56288.83277	56288.33203	503880.5	5410577.7
L3880.0	503880.5	5410577.7	41612.00000	280.92	0	48.848157	-86.947106	56297.38	56244.2	5.79	56303.17	56302.25781	56289.26368	56288.77344	503880.5	5410577.7
L3880.0	503880.5	5410579.0	41612.10156	280.01	0	48.848169	-86.947106	56297.43	56244.2	5.79	56303.22	56302.32813	56289.76449	56289.28516	503880.5	5410579.0
L3880.0	503880.5	5410579.0	41612.19922	279.41	0	48.848169	-86.947106	56297.92	56244.2	5.79	56303.71	56302.83984	56290.19104	56289.72266	503880.5	5410579.0
L3880.0	503880.5	5410580.9	41612.30078	279.70	0	48.848186	-86.947106	56297.92	56244.2	5.79	56303.71	56302.85938	56290.64952	56290.19141	503880.5	5410580.9
L3880.0	503880.5	5410582.5	41612.39844	278.23	0	48.848200	-86.947106	56298.20	56244.2	5.79	56303.99	56303.16016	56291.05369	56290.60547	503880.5	5410582.5
L3880.0	503880.5	5410584.0	41612.39844	278.23	0	48.848214	-86.947106	56298.71	56244.2	5.79	56304.50	56303.68750	56291.41067	56290.96875	503880.5	5410584.0
L3880.0	503880.5	5410584.0	41612.60156	276.86	0	48.848214	-86.947106	56298.88	56244.2	5.78	56304.67	56303.87891	56291.77731	56291.34375	503880.5	5410584.0
L3880.0	503880.5	5410585.4	41612.69922	278.66	0	48.848227	-86.947106	56299.38	56244.2	5.78	56305.16	56304.38672	56292.09015	56291.66406	503880.5	5410585.4
L3880.0	503880.5	5410587.3	41612.80078	277.02	0	48.848244	-86.947106	56299.40	56244.2	5.78	56305.18	56304.42578	56292.43496	56292.01563	503880.5	5410587.3
L3880.0	503880.5	5410587.3	41612.89844	277.85	0	48.848244	-86.947106	56299.86	56244.2	5.78	56305.64	56304.90234	56292.72034	56292.30859	503880.5	5410587.3
L3880.0	503880.5	5410589.1	41613.00000	274.63	0	48.848260	-86.947106	56299.98	56244.2	5.78	56305.76	56305.03906	56293.03849	56292.63281	503880.5	5410589.1
L3880.0	503880.5	5410590.5	41613.10156	274.36	0	48.848272	-86.947106	56300.24	56244.2	5.77	56306.01	56305.30859	56293.34267	56292.94141	503880.5	5410590.5
L3880.0	503880.5	5410592.0	41613.19922	276.61	0	48.848285	-86.947106	56300.75	56244.2	5.77	56306.51	56305.82422	56293.61908	56293.22266	503880.5	5410592.0
L3880.0	503880.5	5410592.0	41613.30078	275.84	0	48.848285	-86.947106	56300.72	56244.2	5.76	56306.49	56305.82031	56293.97149	56293.57813	503880.5	5410592.0
L3880.0	503880.5	5410593.4	41613.39844	275.19	0	48.848298	-86.947106	56301.06	56244.2	5.76	56306.81	56306.15625	56294.29054	56293.89844	503880.5	5410593.4
L3880.0	503880.5	5410593.4	41613.50000	277.56	0	48.848298	-86.947106	56301.24	56244.3	5.75	56306.99	56306.35156	56294.64183	56294.25391	503880.5	5410593.4
L3880.0	503880.5	5410595.8	41613.60156	277.25	0	48.848320	-86.947107	56301.95	56244.3	5.74	56307.69	56307.06641	56295.79744	56295.41016	503880.5	5410595.8
L3880.0	503880.4	5410597.5	41613.69922	277.71	0	48.848335	-86.947107	56302.16	56244.3	5.74	56307.90	56307.29297	56296.12469	56295.73828	503880.4	5410597.5
L3880.0	503880.4	5410597.5	41613.80078	278.49	0	48.848335	-86.947107	56302.16	56244.3	5.73	56307.89	56307.29688	56296.39921	56296.01563	503880.4	5410597.5
L3880.0	503880.4	5410599.0	41613.89844	276.82	0	48.848348	-86.947108	56302.59	56244.3	5.73	56308.31	56307.73047	56296.79612	56296.41016	503880.4	5410599.0
L3880.0	503880.4	5410600.2	41614.00000	276.66	0	48.848360	-86.947108	56303.10	56244.3	5.72	56308.82	56308.25781	56297.22145	56296.83594	503880.4	5410600.2
L3880.0	503880.4	5410601.7	41614.10156	276.35	0	48.848373	-86.947108	56303.36	56244.3	5.72	56309.07	56308.51953	56296.77985	56296.39453	503880.4	5410601.7
L3880.0	503880.4	5410601.7	41614.19922	275.61	0	48.848373	-86.947108	56303.58	56244.3	5.72	56309.30	56308.76172	56297.16567	56296.77734	503880.4	5410601.7
L3880.0	503880.3	5410603.8	41614.30078	275.23	0	48.848392	-86.947109	56304.20	56244.3	5.72	56309.92	56309.39453	56297.49553	56297.10547	503880.3	5410603.8
L3880.0	503880.3	5410603.8	41614.39844	278.64	0	48.848392	-86.947109	56304.14	56244.3	5.72	56309.86	56309.34766	56297.91778	56297.52344	503880.3	5410603.8
L3880.0	503880.3	5410605.6	41614.39844	278.64	0	48.848408	-86.947109	56304.50	56244.3	5.72	56310.21	56309.71094	56298.27909	56297.88281	503880.3	5410605.6
L3880.0	503880.3	5410607.0	41614.60156	278.31	0	48.848421	-86.947110	56304.91	56244.3	5.71	56310.63	56310.14453	56298.62620	56298.22266	503880.3	5410607.0
L3880.0	503880.2	5410608.4	41614.69922	279.24	0	48.848434	-86.947110	56305.22	56244.3	5.71	56310.93	56310.45313	56298.98493	56298.57813	503880.2	5410608.4
L3880.0	503880.2	5410608.4	41614.80078	277.84	0	48.848434	-86.947110	56305.60	56244.3	5.71	56311.31	56310.84766	56299.32689	56298.91406	503880.2	5410608.4
L3880.0	503880.2	5410610.5	41614.89844	278.32	0	48.848452	-86.947110	56305.88	56244.3	5.71	56311.59	56311.13672	56300.48059	56300.06250	503880.2	5410610.5
L3880.0	503880.2	5410610.5	41615.00000	279.09	0	48.848452	-86.947110	56305.91	56244.3	5.71	56311.62	56311.17969	56300.74379	56300.32031	503880.2	5410610.5
L3880.0	503880.2	5410612.3	41615.10156	277.93	0	48.848469	-86.947111	56306.77	56244.3	5.71	56312.47	56312.03906	56301.22316	56300.78906	503880.2	5410612.3
L3880.0	503880.2	5410613.5	41615.19922	277.16	0	48.848479	-86.947111	56306.47	56244.3	5.70	56312.17	56311.74609	56301.38902	56300.94922	503880.2	5410613.5
L3880.0	503880.2	5410614.9	41615.30078	278.42	0	48.848492	-86.947111	56306.95	56244.3	5.69	56312.64	56312.22656	56301.75676	56301.30859	503880.2	5410614.9
L3880.0	503880.2	5410614.9	41615.39844	278.91	0	48.848492	-86.947111	56307.54	56244.3	5.69	56313.23	56312.82813	56302.14968	56301.69141	503880.2	5410614.9
L3880.0	503880.2	5410616.7	41615.50000	274.67	0	48.848508	-86.947111	56307.75	56244.3	5.68	56313.43	56313.03516	56302.43589	56301.96875	503880.2	5410616.7
L3880.0	503880.1	5410618.4	41615.60156	275.05	0	48.848523	-86.947111	56308.20	56244.3	5.68	56313.88	56313.49609	56302.78461	56302.30469	503880.1	5410618.4
L3880.0	503880.1	5410619.9	41615.69922	275.49	0	48.848536	-86.947111	56308.56	56244.3	5.68	56314.23	56313.85156	56303.10490	56302.61328	503880.1	5410619.9
L3880.0	503880.1	5410619.9	41615.80078	277.45	0	48.848536	-86.947111	56308.61	56244.3	5.67	56314.28	56313.91016	56303.34826	56302.84766	503880.1	5410619.9
L3880.0	503880.1	5410621.5	41615.89844	277.69	0	48.848551	-86.947111	56308.61	56244.3	5.67	56314.28	56313.91797	56303.57917	56303.06250	503880.1	5410621.5
L3880.0	503880.1	5410621.5	41616.00000	277.07	0	48.848551	-86.947111	56309.30	56244.3	5.66	56314.96	56314.60547	56303.97356	56303.44531	503880.1	5410621.5
L3880.0	503880.1	5410623.3	41616.10156	276.09	0	48.848568	-86.947112	56309.25	56244.3	5.66	56314.91	56314.56250	56304.19147	56303.64844	503880.1	5410623.3
L3880.0	503880.1	5410624.7	41616.19922	273.94	0	48.848580	-86.947112	56309.99	56244.3	5.66	56315.65	56315.30859	56304.59338	56304.03906	503880.1	5410624.7
L3880.0	503880.1	5410626.4	41616.30078	273.57	0	48.848595	-86.947112	56310.63	56244.3	5.66	56316.29	56315.95703	56304.96742	56304.39844	503880.1	5410626.4
L3880.0	503880.1	5410626.4	41616.39844	276.49	0	48.848595	-86.947112	56311.14	56244.3	5.66	56316.80	56316.47266	56305.30846	56304.72266	503880.1	5410626.4
L3880.0	503880.1	5410628.0	41616.39844	276.49	0	48.848610	-86.947112	56311.39	56244.3	5.66	56317.06	56316.73828	56305.59251	56304.99219	503880.1	5410628.0
L3880.0	503880.1	5410628.0	41616.60156	277.30	0	48.848610	-86.947112	56311.49	56244.3	5.66	56317.15	56316.83203	56305.83985	56305.22266	503880.1	5410628.0
L3880.0	503880.1	5410631.0	41616.69922	278.55	0	48.848637	-86.947111	56311.86	56244.3	5.66	56317.52	56317.20703	56306.14610	56305.51172	503880.1	5410631.0
L3880.0	503880.1	5410631.0	41616.80078	279.08	0	48.848637	-86.947111	56311.42	56244.3	5.66	56317.08	56316.77344	56306.28628	56305.63281	503880.1	5410631.0
L3880.0	503880.1	5410632.3	41616.89844	280.72	0	48.848648	-86.947111	56311.90	56244.3	5.66	56317.56	56317.25781	56306.61424	56305.94141	503880.1	5410632.3
L3880.0	503880.1	5410632.3	41617.00000	279.74	0	48.848648	-86.947111	56311.86	56244.3	5.66	56317.52	56317.21875	56306.83964	56306.14844	503880.1	5410632.3
L3880.0	503880.1	5410634.1	41617.10156	277.70	0	48.848664	-86.947111	56312.57	56244.3	5.66	56318.23	56317.93359	56307.20759	56306.49609	503880.1	5410634.1
L3880.0	503880.1	5410635.2	41617.19922	275.66	0	48.848674	-86.947111	56313.25	56244.3	5.66	56318.91	56318.61719	56307.56567	56306.83203	503880.1	5410635.2
L3880.0	503880.1	5410636.5	41617.30078	272.33	0	48.848686	-86.947111	56313.64	56244.3	5.65	56319.30	56319.01172	56307.86965	56307.11719	503880.1	5410636.5
L3880.0	503880.1	5410636.5	41617.39844	272.61	0	48.848686	-86.947111	56313.44	56244.3	5.65	56319.09	56318.80469	56308.07237	56307.29688	503880.1	5410636.5
L3880.0	503880.2	5410638.1	41617.50000	273.65	0	48.848700	-86.947111	56314.07	56244.3	5.65	56319.72	56319.43359	56308.42165	56307.62500	503880.2	5410638.1
L3880.0	503880.2	5410639.6	41617.60156	274.23	0	48.848714	-86.947111	56314.54	56244.4	5.65	56320.18	56319.89844	56308.74501	56307.92578	503880.2	5410639.6
L3880.0	503880.2	5410639.6	41617.69922	274.26	0	48.848714	-86.947111	56315.02	56244.4	5.65	56320.66	56320.37891	56309.07613	56308.23047	503880.2	5410639.6
L3880.0	503880.2	5410641.0	41617.80078	273.74	0	48.848726	-86.947110	56315.07	56244.4	5.64	56320.71	56320.42969	56309.34847	56308.48047	503880.2	5410641.0
L3880.0	503880.2	5410642.2	41617.89844	273.53	0	48.848737	-86.947110	56315.23	56244.4	5.64	56320.87	56320.58984	56309.64793	56308.75391	503880.2	5410642.2
L3880.0	503880.2	5410642.2	41618.00000	273.43	0	48.848737	-86.947110	56315.55	56244.4	5.64	56321.19	56320.91016	56309.98149	56309.06250	503880.2	5410642.2
L3880.0	503880.2	5410643.5	41618.10156	272.09	0	48.848749	-86.947110	56316.01	56244.4	5.64	56321.65	56321.37109	56310.34652	56309.40234	503880.2	5410643.5
L3880.0	503880.2	5410644.9	41618.19922	271.32	0	48.848761	-86.947110	56316.32	56244.4	5.63	56321.95	56321.67188	56310.70192	56309.73047	503880.2	5410644.9
L3880.0	503880.2	5410646.2	41618.30078	271.66	0	48.848773	-86.947110	56316.93	56244.4	5.63	56322.57	56322.29297	56311.11725	56310.11719	503880.2	5410646.2
L3880.0	503880.2	5410646.2	41618.39844	273.72	0	48.848773	-86.947110	56317.06	56244.4	5.63	56322.69	56322.41016	56311.47490	56310.44531	503880.2	5410646.2
L3880.0	503880.2	5410647.9	41618.39844	273.72	0	48.848789	-86.947110	56317.34	56244.4	5.63	56322.97	56322.69141	56311.87012	56310.81250	503880.2	5410647.9
L3880.0	503880.2	5410649.0	41618.60156	272.60	0	48.848798	-86.947110	56317.80	56244.4	5.62	56323.42	56323.13672	56312.30645	56311.21875	503880.2	5410649.0
L3880.0	503880.2	5410650.2	41618.69922	273.60	0	48.848810	-86.947110	56318.18	56244.4	5.62	56323.80	56323.51563	56312.74703	56311.62891	503880.2	5410650.2
L3880.0	503880.2	5410650.2	41618.80078	272.97	0	48.848810	-86.947110	56318.46	56244.4	5.62	56324.08	56323.79297	56313.18483	56312.03516	503880.2	5410650.2
L3880.0	503880.2	5410651.4	41618.89844	270.99	0	48.848820	-86.947109	56319.18	56244.4	5.61	56324.79	56324.50000	56313.70510	56312.52344	503880.2	5410651.4
L3880.0	503880.2	5410652.8	41619.00000	272.31	0	48.848833	-86.947109	56318.84	56244.4	5.61	56324.45	56324.16016	56314.05117	56312.83594	503880.2	5410652.8
L3880.0	503880.3	5410654.0	41619.10156	273.72	0	48.848844	-86.947109	56319.38	56244.4	5.61	56324.99	56324.69531	56314.55532	56313.30469	503880.3	5410654.0
L3880.0	503880.3	5410654.0	41619.19922	274.76	0	48.848844	-86.947109	56319.89	56244.4	5.61	56325.50	56325.20313	56315.06065	56313.77734	503880.3	5410654.0
L3880.0	503880.3	5410655.1	41619.30078	275.40	0	48.848854	-86.947109	56319.82	56244.4	5.61	56325.43	56325.12891	56315.45310	56314.13281	503880.3	5410655.1
L3880.0	503880.3	5410656.1	41619.39844	276.09	0	48.848862	-86.947109	56320.15	56244.4	5.61	56325.76	56325.45313	56315.92299	56314.56641	503880.3	5410656.1
L3880.0	503880.3	5410657.1	41619.50000	278.61	0	48.848871	-86.947109	56320.40	56244.4	5.61	56326.01	56325.69922	56316.37355	56314.98047	503880.3	5410657.1
L3880.0	503880.3	5410657.1	41619.60156	278.28	0	48.848871	-86.947109	56320.58	56244.4	5.61	56326.19	56325.87109	56316.80386	56315.37500	503880.3	5410657.1
L3880.0	503880.3	5410658.0	41619.69922	278.65	0	48.848880	-86.947109	56321.09	56244.4	5.61	56326.70	56326.37500	56317.30579	56315.83984	503880.3	5410658.0
L3880.0	503880.3	5410659.0	41619.80078	277.79	0	48.848888	-86.947108	56321.40	56244.4	5.61	56327.01	56326.67969	56317.75688	56316.25000	503880.3	5410659.0
L3880.0	503880.3	5410660.1	41619.89844	278.65	0	48.848898	-86.947108	56321.57	56244.4	5.61	56327.18	56326.84375	56318.16691	56316.62109	503880.3	5410660.1
L3880.0	503880.3	5410661.0	41620.00000	278.08	0	48.848907	-86.947108	56322.06	56244.4	5.61	56327.67	56327.32813	56318.65154	56317.06250	503880.3	5410661.0
L3880.0	503880.4	5410662.1	41620.10156	279.38	0	48.848916	-86.947108	56322.44	56244.4	5.61	56328.05	56327.69922	56319.10223	56317.47266	503880.4	5410662.1
L3880.0	503880.4	5410662.1	41620.19922	279.26	0	48.848916	-86.947108	56323.03	56244.4	5.61	56328.64	56328.28125	56319.60389	56317.92969	503880.4	5410662.1
L3880.0	503880.4	5410663.3	41620.30078	279.16	0	48.848927	-86.947108	56323.21	56244.4	5.61	56328.81	56328.44141	56319.11289	56317.39844	503880.4	5410663.3
L3880.0	503880.4	5410664.5	41620.39844	277.90	0	48.848938	-86.947107	56323.52	56244.4	5.61	56329.12	56328.74609	56319.52380	56317.76172	503880.4	5410664.5
L3880.0	503880.4	5410664.5	41620.39844	277.90	0	48.848938	-86.947107	56323.77	56244.4	5.61	56329.37	56328.98438	56319.93261	56318.12500	503880.4	5410664.5
L3880.0	503880.4	5410665.5	41620.60156	278.06	0	48.848947	-86.947107	56324.00	56244.4	5.60	56329.61	56329.21484	56320.33040	56318.47656	503880.4	5410665.5
L3880.0	503880.4	5410667.0	41620.69922	277.76	0	48.848960	-86.947107	56324.18	56244.4	5.60	56329.78	56329.37500	56320.72256	56318.82422	503880.4	5410667.0
L3880.0	503880.4	5410667.0	41620.80078	276.27	0	48.848960	-86.947107	56324.56	56244.4	5.60	56330.17	56329.75391	56321.07747	56319.12891	503880.4	5410667.0
L3880.0	503880.4	5410667.8	41620.89844	275.39	0	48.848968	-86.947107	56325.02	56244.4	5.60	56330.62	56330.19531	56321.41280	56319.41406	503880.4	5410667.8

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L3880.0	503880.4	5410669.1	41621.00000	275.56	0	48.848979	-86.947107	56325.00	56244.4	5.60	56330.60	56330.16406	56321.78150	56319.73438	503880.4	5410669.1
L3880.0	503880.4	5410670.2	41621.10156	277.03	0	48.848989	-86.947107	56325.38	56244.4	5.60	56330.98	56330.53125	56322.09268	56319.99609	503880.4	5410670.2
L3880.0	503880.4	5410670.2	41621.19922	278.66	0	48.848989	-86.947107	56325.76	56244.4	5.59	56331.35	56330.88672	56322.38971	56320.23828	503880.4	5410670.2
L3880.0	503880.4	5410671.4	41621.30078	277.71	0	48.849000	-86.947106	56326.20	56244.4	5.59	56331.79	56331.31641	56322.66523	56320.46094	503880.4	5410671.4
L3880.0	503880.4	5410671.4	41621.39844	278.70	0	48.849000	-86.947106	56326.17	56244.4	5.59	56331.76	56331.27344	56322.98303	56320.72656	503880.4	5410671.4
L3880.0	503880.5	5410672.5	41621.50000	279.61	0	48.849010	-86.947106	56326.68	56244.4	5.58	56332.26	56331.75781	56323.22801	56320.91406	503880.5	5410672.5
L3880.0	503880.5	5410673.3	41621.60156	278.98	0	48.849017	-86.947106	56326.76	56244.4	5.58	56332.34	56331.82422	56323.51595	56321.14844	503880.5	5410673.3
L3880.0	503880.5	5410674.2	41621.69922	278.17	0	48.849025	-86.947106	56327.24	56244.4	5.58	56332.82	56332.28906	56324.65046	56322.22656	503880.5	5410674.2
L3880.0	503880.5	5410674.2	41621.80078	278.87	0	48.849025	-86.947106	56327.38	56244.4	5.58	56332.95	56332.40234	56324.87547	56322.39063	503880.5	5410674.2
L3880.0	503880.5	5410675.3	41621.89844	278.94	0	48.849035	-86.947106	56327.65	56244.4	5.57	56333.22	56332.65625	56325.13805	56322.59375	503880.5	5410675.3
L3880.0	503880.5	5410676.2	41622.00000	278.76	0	48.849043	-86.947105	56327.81	56244.4	5.57	56333.38	56332.80078	56325.37274	56322.76953	503880.5	5410676.2
L3880.0	503880.5	5410676.2	41622.10156	277.75	0	48.849043	-86.947105	56327.91	56244.4	5.57	56333.48	56332.88281	56325.59670	56322.93359	503880.5	5410676.2
L3880.0	503880.6	5410677.1	41622.19922	276.78	0	48.849051	-86.947105	56328.19	56244.4	5.57	56333.76	56333.14453	56325.87109	56323.14453	503880.6	5410677.1
L3880.0	503880.6	5410677.9	41622.30078	275.39	0	48.849059	-86.947104	56328.52	56244.4	5.57	56334.09	56333.45703	56326.16366	56323.37109	503880.6	5410677.9
L3880.0	503880.6	5410677.9	41622.39844	274.07	0	48.849059	-86.947104	56328.75	56244.4	5.57	56334.32	56333.66797	56326.44018	56323.58594	503880.6	5410677.9
L3880.0	503880.6	5410679.2	41622.39844	274.07	0	48.849070	-86.947104	56328.90	56244.4	5.57	56334.47	56333.80078	56326.70726	56323.78516	503880.6	5410679.2
L3880.0	503880.7	5410680.1	41622.60156	270.81	0	48.849078	-86.947103	56329.08	56244.4	5.57	56334.65	56333.96094	56326.99057	56324.00391	503880.7	5410680.1
L3880.0	503880.7	5410681.2	41622.69922	271.84	0	48.849088	-86.947103	56329.16	56244.4	5.57	56334.73	56334.01953	56327.26002	56324.20313	503880.7	5410681.2
L3880.0	503880.8	5410681.9	41622.80078	271.42	0	48.849095	-86.947102	56329.36	56244.4	5.57	56334.93	56334.19922	56327.56540	56324.44141	503880.8	5410681.9
L3880.0	503880.8	5410681.9	41622.89844	272.88	0	48.849095	-86.947102	56329.80	56244.4	5.57	56335.37	56334.62109	56327.93339	56324.73828	503880.8	5410681.9
L3880.0	503880.8	5410682.7	41623.00000	275.62	0	48.849101	-86.947101	56330.05	56244.4	5.57	56335.62	56334.84766	56328.26731	56325.00000	503880.8	5410682.7
L3880.0	503880.9	5410683.3	41623.10156	274.38	0	48.849107	-86.947101	56330.43	56244.4	5.57	56336.00	56335.20703	56328.63982	56325.30078	503880.9	5410683.3
L3880.0	503880.9	5410683.3	41623.19922	275.15	0	48.849107	-86.947101	56330.58	56244.4	5.57	56336.14	56335.32422	56328.96637	56325.55078	503880.9	5410683.3
L3880.0	503880.9	5410684.0	41623.30078	276.85	0	48.849114	-86.947100	56331.15	56244.4	5.56	56336.71	56335.86719	56329.40189	56325.91406	503880.9	5410684.0
L3880.0	503881.0	5410684.8	41623.39844	276.22	0	48.849120	-86.947099	56331.35	56244.4	5.56	56336.91	56336.04688	56329.75865	56326.19531	503881.0	5410684.8
L3880.0	503881.0	5410685.5	41623.50000	277.12	0	48.849127	-86.947099	56331.48	56244.4	5.56	56337.04	56336.15234	56330.10425	56326.46094	503881.0	5410685.5
L3880.0	503881.0	5410685.5	41623.60156	279.16	0	48.849127	-86.947099	56331.76	56244.4	5.56	56337.32	56336.40625	56330.49050	56326.76953	503881.0	5410685.5
L3880.0	503881.1	5410686.4	41623.69922	279.64	0	48.849135	-86.947098	56331.96	56244.4	5.56	56337.52	56336.57813	56330.85819	56327.05859	503881.1	5410686.4
L3880.0	503881.1	5410687.1	41623.80078	278.70	0	48.849141	-86.947097	56331.94	56244.4	5.55	56337.49	56336.52344	56331.16329	56327.28125	503881.1	5410687.1
L3880.0	503881.2	5410687.9	41623.89844	278.55	0	48.849148	-86.947096	56331.99	56244.4	5.55	56337.54	56336.54688	56330.79136	56326.82813	503881.2	5410687.9
L3880.0	503881.2	5410687.9	41624.00000	278.50	0	48.849148	-86.947096	56332.22	56244.4	5.55	56337.77	56336.75000	56331.15277	56327.10938	503881.2	5410687.9
L3880.0	503881.3	5410688.4	41624.10156	277.31	0	48.849153	-86.947095	56332.34	56244.5	5.55	56337.89	56336.84375	56331.51835	56327.39063	503881.3	5410688.4
L3880.0	503881.3	5410689.1	41624.19922	278.98	0	48.849160	-86.947095	56332.75	56244.5	5.54	56338.29	56337.21484	56331.84288	56327.62891	503881.3	5410689.1
L3880.0	503881.3	5410689.9	41624.30078	279.47	0	48.849166	-86.947094	56333.06	56244.5	5.54	56338.60	56337.49609	56332.17053	56327.87109	503881.3	5410689.9
L3880.0	503881.3	5410689.9	41624.39844	279.32	0	48.849166	-86.947094	56333.02	56244.5	5.54	56338.55	56337.41406	56332.52452	56328.13672	503881.3	5410689.9
L3880.0	503881.4	5410690.7	41624.39844	279.32	0	48.849173	-86.947093	56332.88	56244.5	5.54	56338.42	56337.25391	56332.87406	56328.39844	503881.4	5410690.7
L3880.0	503881.4	5410691.6	41624.60156	281.01	0	48.849182	-86.947093	56332.65	56244.5	5.53	56338.18	56336.98438	56333.22198	56328.65625	503881.4	5410691.6
L3880.0	503881.4	5410691.6	41624.69922	279.82	0	48.849182	-86.947093	56333.16	56244.5	5.53	56338.69	56337.46484	56333.50078	56328.84375	503881.4	5410691.6
L3880.0	503881.4	5410692.0	41624.80078	278.13	0	48.849186	-86.947093	56333.39	56244.5	5.53	56338.92	56337.66406	56333.80061	56329.05078	503881.4	5410692.0
L3880.0	503881.5	5410692.6	41624.89844	277.51	0	48.849191	-86.947092	56333.64	56244.5	5.52	56339.17	56337.87891	56334.09729	56329.25391	503881.5	5410692.6
L3880.0	503881.5	5410692.6	41625.00000	275.85	0	48.849191	-86.947092	56333.72	56244.5	5.52	56339.24	56337.91797	56334.40657	56329.46875	503881.5	5410692.6
L3880.0	503881.5	5410693.7	41625.10156	278.93	0	48.849201	-86.947092	56333.78	56244.5	5.52	56339.29	56337.93359	56334.71580	56329.68359	503881.5	5410693.7
L3880.0	503881.5	5410693.7	41625.19922	279.25	0	48.849201	-86.947092	56334.08	56244.5	5.52	56339.59	56338.20313	56335.00719	56329.87891	503881.5	5410693.7
L3880.0	503881.5	5410694.2	41625.30078	279.60	0	48.849205	-86.947092	56333.80	56244.5	5.51	56339.31	56337.88672	56335.33427	56330.10938	503881.5	5410694.2
L3880.0	503881.5	5410694.2	41625.39844	279.80	0	48.849205	-86.947092	56333.95	56244.5	5.51	56339.46	56338.00391	56335.63214	56330.30859	503881.5	5410694.2
L3880.0	503881.5	5410694.8	41625.50000	279.99	0	48.849210	-86.947091	56334.08	56244.5	5.51	56339.59	56338.09766	56335.92948	56330.50781	503881.5	5410694.8
L3880.0	503881.6	5410695.3	41625.60156	278.32	0	48.849215	-86.947091	56334.36	56244.5	5.51	56339.87	56338.34375	56336.21672	56330.69141	503881.6	5410695.3
L3880.0	503881.6	5410695.8	41625.69922	275.96	0	48.849219	-86.947091	56334.64	56244.5	5.51	56340.15	56338.58594	56336.50130	56330.87500	503881.6	5410695.8
L3880.0	503881.6	5410695.8	41625.80078	276.03	0	48.849219	-86.947091	56334.88	56244.5	5.50	56340.38	56338.78125	56336.78571	56331.05859	503881.6	5410695.8
L3880.0	503881.6	5410696.2	41625.89844	278.51	0	48.849224	-86.947090	56335.13	56244.5	5.50	56340.63	56338.99219	56337.06674	56331.23438	503881.6	5410696.2
L3880.0	503881.7	5410696.8	41626.00000	277.37	0	48.849228	-86.947090	56334.97	56244.5	5.50	56340.47	56338.79688	56337.36465	56331.42969	503881.7	5410696.8
L3880.0	503881.7	5410696.8	41626.10156	277.72	0	48.849228	-86.947090	56334.97	56244.5	5.50	56340.47	56338.75781	56337.65396	56331.61328	503881.7	5410696.8
L3880.0	503881.7	5410697.2	41626.19922	280.57	0	48.849232	-86.947089	56334.82	56244.5	5.50	56340.32	56338.57031	56337.94990	56331.80469	503881.7	5410697.2
L3880.0	503881.7	5410697.7	41626.30078	281.84	0	48.849237	-86.947089	56335.02	56244.5	5.50	56340.52	56338.73047	56338.22967	56331.97656	503881.7	5410697.7
L3880.0	503881.7	5410697.7	41626.39844	280.83	0	48.849237	-86.947089	56335.21	56244.5	5.50	56340.70	56338.87109	56338.51107	56332.14844	503881.7	5410697.7
L3880.0	503881.8	5410698.1	41626.39844	280.83	0	48.849240	-86.947088	56335.18	56244.5	5.50	56340.68	56338.81250	56338.80391	56332.33203	503881.8	5410698.1
L3880.0	503881.8	5410698.4	41626.60156	280.18	0	48.849243	-86.947088	56335.15	56244.5	5.49	56340.65	56338.74219	56339.09955	56332.51953	503881.8	5410698.4
L3880.0	503881.8	5410698.4	41626.69922	279.52	0	48.849243	-86.947088	56335.46	56244.5	5.49	56340.95	56339.00391	56339.38007	56332.68750	503881.8	5410698.4
L3880.0	503881.8	5410698.9	41626.80078	279.57	0	48.849247	-86.947087	56335.48	56244.5	5.49	56340.97	56338.98047	56339.67805	56332.87500	503881.8	5410698.9
L3880.0	503881.9	5410699.2	41626.89844	279.02	0	48.849250	-86.947087	56335.41	56244.5	5.49	56340.90	56338.87109	56339.98364	56333.07031	503881.9	5410699.2
L3880.0	503881.9	5410699.2	41627.00000	277.64	0	48.849250	-86.947087	56335.28	56244.5	5.49	56340.77	56338.69922	56340.29510	56333.26563	503881.9	5410699.2
L3880.0	503881.9	5410699.5	41627.10156	275.08	0	48.849253	-86.947086	56335.02	56244.5	5.49	56340.51	56338.39844	56340.61573	56333.47266	503881.9	5410699.5
L3880.0	503882.0	5410699.8	41627.19922	275.63	0	48.849256	-86.947086	56334.97	56244.5	5.48	56340.45	56338.29688	56340.92706	56333.67188	503882.0	5410699.8
L3880.0	503882.0	5410699.8	41627.30078	276.47	0	48.849256	-86.947086	56335.46	56244.5	5.48	56340.93	56338.73438	56341.21215	56333.83984	503882.0	5410699.8
L3880.0	503882.0	5410700.1	41627.39844	277.59	0	48.849258	-86.947085	56335.82	56244.5	5.47	56341.29	56339.05078	56341.50651	56334.01953	503882.0	5410700.1
L3880.0	503882.1	5410700.5	41627.50000	275.18	0	48.849261	-86.947084	56335.94	56244.5	5.47	56341.41	56339.12891	56341.81505	56334.21094	503882.1	5410700.5
L3880.0	503882.1	5410700.5	41627.60156	276.59	0	48.849261	-86.947084	56335.67	56244.5	5.47	56341.13	56338.80469	56342.14278	56334.42188	503882.1	5410700.5
L3880.0	503882.1	5410700.6	41627.69922	279.24	0	48.849263	-86.947084	56335.56	56244.5	5.46	56341.02	56338.65234	56342.46344	56334.62500	503882.1	5410700.6
L3880.0	503882.1	5410700.8	41627.80078	279.52	0	48.849264	-86.947084	56335.62	56244.5	5.46	56341.07	56338.65625	56342.77893	56334.82422	503882.1	5410700.8
L3880.0	503882.1	5410700.9	41627.89844	279.09	0	48.849265	-86.947083	56336.09	56244.5	5.45	56341.55	56339.09375	56343.08189	56335.00781	503882.1	5410700.9
L3880.0	503882.1	5410701.0	41628.00000	278.76	0	48.849266	-86.947083	56336.10	56244.6	5.45	56341.55	56339.05078	56343.40439	56335.21094	503882.1	5410701.0
L3880.0	503882.1	5410701.0	41628.10156	279.98	0	48.849266	-86.947083	56336.40	56244.6	5.45	56341.85	56339.30469	56343.72125	56335.41016	503882.1	5410701.0
L3880.0	503882.1	5410701.1	41628.19922	280.48	0	48.849267	-86.947083	56336.61	56244.6	5.45	56342.05	56339.46094	56344.04586	56335.61328	503882.1	5410701.1
L3880.0	503882.1	5410701.1	41628.30078	282.12	0	48.849267	-86.947083	56337.32	56244.6	5.45	56342.77	56340.13672	56344.36335	56335.81250	503882.1	5410701.1
L3880.0	503882.2	5410701.2	41628.39844	284.42	0	48.849268	-86.947083	56337.61	56244.6	5.45	56343.05	56340.37109	56344.69892	56336.02734	503882.2	5410701.2
L3880.0	503882.2	5410701.3	41628.39844	284.42	0	48.849269	-86.947082	56338.16	56244.6	5.45	56343.61	56340.88672	56345.03420	56336.24219	503882.2	5410701.3
L3880.0	503882.2	5410701.4	41628.60156	278.86	0	48.849270	-86.947082	56338.21	56244.6	5.44	56343.66	56340.89063	56345.39257	56336.48047	503882.2	5410701.4
L3880.0	503882.2	5410701.4	41628.69922	280.70	0	48.849270	-86.947082	56338.52	56244.6	5.44	56343.97	56341.15625	56345.75331	56336.71875	503882.2	5410701.4
L3880.0	503882.2	5410701.6	41628.80078	281.03	0	48.849272	-86.947082	56337.96	56244.6	5.44	56343.40	56340.53906	56346.16940	56337.01172	503882.2	5410701.6
L3880.0	503882.2	5410701.8	41628.89844	280.78	0	48.849273	-86.947082	56337.81	56244.6	5.44	56343.25	56340.34375	56346.59127	56337.31250	503882.2	5410701.8
L3880.0	503882.2	5410702.1	41629.00000	282.04	0	48.849276	-86.947082	56337.91	56244.6	5.44	56343.35	56340.39844	56347.01939	56337.62109	503882.2	5410702.1
L3880.0	503882.2	5410702.1	41629.10156	280.26	0	48.849276	-86.947082	56337.42	56244.6	5.44	56342.86	56339.86328	56347.52377	56338.00000	503882.2	5410702.1
L3880.0	503882.2	5410702.3	41629.19922	279.67	0	48.849278	-86.947082	56337.71	56244.6	5.44	56343.15	56340.10938	56347.98134	56338.33594	503882.2	5410702.3
L3880.0	503882.2	5410702.7	41629.30078	277.29	0	48.849281	-86.947082	56338.26	56244.6	5.44	56343.70	56340.61328	56348.41788	56338.65234	503882.2	5410702.7
L3880.0	503882.2	5410702.7	41629.39844	277.33	0	48.849281	-86.947082	56338.06	56244.6	5.44	56343.50	56340.36719	56347.40455	56337.51563	503882.2	5410702.7
L3920.0	503920.7	5411456.6	77820.70313	316.17	0	48.856063	-86.946551	56267.63	56247	3.04	56270.67	56268.23828	56289.19779	56282.34375	503920.7	5411456.6
L3920.0	503920.6	5411456.4	77820.79688	317.08	0	48.856062	-86.946551	56267.52	56247	3.04	56270.56	56268.14844	56286.86924	56280.07031	503920.6	5411456.4
L3920.0	503920.6	5411456.4	77820.89844	318.77	0	48.856062	-86.946551	56267.78	56247	3.04	56270.82	56268.42188	56293.94884	56287.20703	503920.6	5411456.4
L3920.0	503920.6	5411456.2	77821.00000	321.29	0	48.856060	-86.946551	56267.86	56247	3.04	56270.90	56268.51953	56296.82445	56290.14063	503920.6	5411456.2
L3920.0	503920.6	5411455.9	77821.10156	322.02	0	48.856057	-86.946551	56267.81	56247	3.04	56270.85	56268.48438	56295.24700	56288.61719	503920.6	5411455.9
L3920.0	503920.6	5411455.9	77821.20313	322.02	0	48.856057	-86.946551	56267.88	56247	3.04	56270.92	56268.57422	56297.05773	56290.48438	503920.6	5411455.9
L3920.0	503920.6	5411455.7	77821.29688	319.06	0	48.856055	-86.946551	56267.66	56247	3.04	56270.70	56268.37109	56293.40604	56286.89063	503920.6	5411455.7
L3920.0	503920.6	5411455.7	77821.39844	319.15	0	48.856055	-86.946551	56267.68	56247	3.04	56270.72	56268.40625	56294.33795	56287.87891	503920.6	5411455.7

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L3920.0	503920.6	5411455.5	77821.50000	320.67	0	48.856053	-86.946551	56267.29	56247	3.04	56270.33	56268.03125	56287.27427	56280.87109	503920.6	5411455.5
L3920.0	503920.6	5411455.2	77821.60156	321.37	0	48.856051	-86.946551	56266.83	56247	3.05	56269.88	56267.60156	56278.90003	56272.55469	503920.6	5411455.2
L3920.0	503920.6	5411455.0	77821.70313	320.76	0	48.856049	-86.946551	56266.41	56247	3.05	56269.45	56267.18750	56270.81479	56264.52344	503920.6	5411455.0
L3920.0	503920.6	5411454.7	77821.79688	321.09	0	48.856046	-86.946551	56266.45	56247	3.05	56269.49	56267.24609	56272.15865	56265.92578	503920.6	5411454.7
L3920.0	503920.6	5411454.7	77821.89844	320.48	0	48.856046	-86.946551	56266.40	56247	3.05	56269.45	56267.22266	56271.96687	56265.78906	503920.6	5411454.7
L3920.0	503920.6	5411454.4	77822.00000	320.53	0	48.856044	-86.946551	56266.02	56246.9	3.05	56269.07	56266.85938	56264.88904	56258.76563	503920.6	5411454.4
L3920.0	503920.6	5411454.2	77822.10156	320.45	0	48.856042	-86.946551	56266.32	56246.9	3.05	56269.37	56267.17578	56271.79603	56265.72656	503920.6	5411454.2
L3920.0	503920.6	5411453.8	77822.20313	320.45	0	48.856038	-86.946551	56266.12	56246.9	3.05	56269.17	56266.99219	56268.52334	56262.51172	503920.6	5411453.8
L3920.0	503920.6	5411453.8	77822.20313	318.33	0	48.856038	-86.946551	56266.12	56246.9	3.05	56269.17	56267.01172	56269.44096	56263.48438	503920.6	5411453.8
L3920.0	503920.7	5411453.5	77822.39844	319.69	0	48.856035	-86.946551	56265.74	56246.9	3.05	56268.79	56266.64844	56262.59131	56256.68750	503920.7	5411453.5
L3920.0	503920.7	5411453.1	77822.50000	322.32	0	48.856032	-86.946550	56265.69	56246.9	3.05	56268.74	56266.61719	56262.63530	56256.78906	503920.7	5411453.1
L3920.0	503920.8	5411452.7	77822.60156	321.31	0	48.856028	-86.946549	56265.74	56246.9	3.05	56268.79	56266.68750	56264.82354	56259.03125	503920.8	5411452.7
L3920.0	503920.8	5411452.7	77822.70313	321.01	0	48.856028	-86.946549	56265.69	56246.9	3.05	56268.74	56266.65625	56265.02880	56259.28906	503920.8	5411452.7
L3920.0	503920.9	5411452.3	77822.79688	320.19	0	48.856025	-86.946548	56265.79	56246.9	3.05	56268.84	56266.77344	56268.38938	56262.70703	503920.9	5411452.3
L3920.0	503921.0	5411451.9	77822.89844	319.52	0	48.856021	-86.946547	56265.51	56246.9	3.05	56268.56	56266.51172	56264.04173	56258.41016	503921.0	5411451.9
L3920.0	503921.0	5411451.9	77823.00000	319.59	0	48.856021	-86.946547	56265.69	56246.9	3.05	56268.74	56266.71094	56269.17238	56263.59375	503921.0	5411451.9
L3920.0	503921.1	5411451.4	77823.10156	319.64	0	48.856017	-86.946545	56265.13	56246.9	3.05	56268.18	56266.17188	56259.31506	56253.79297	503921.1	5411451.4
L3920.0	503921.2	5411450.9	77823.20313	319.64	0	48.856012	-86.946544	56265.13	56246.9	3.06	56268.19	56266.20313	56261.13741	56255.66797	503921.2	5411450.9
L3920.0	503921.2	5411450.9	77823.29688	320.67	0	48.856012	-86.946544	56265.14	56246.9	3.06	56268.20	56266.23047	56263.03100	56257.61328	503921.2	5411450.9
L3920.0	503921.4	5411450.0	77823.39844	320.37	0	48.856004	-86.946541	56265.00	56246.9	3.06	56268.06	56266.11328	56261.95819	56256.59375	503921.4	5411450.0
L3920.0	503921.4	5411450.0	77823.50000	320.39	0	48.856004	-86.946541	56265.10	56246.9	3.07	56268.17	56266.24219	56266.04837	56260.73438	503921.4	5411450.0
L3920.0	503921.5	5411449.4	77823.60156	319.82	0	48.855998	-86.946539	56265.00	56246.9	3.07	56268.06	56266.15234	56265.75751	56260.49609	503921.5	5411449.4
L3920.0	503921.5	5411449.4	77823.70313	319.27	0	48.855998	-86.946539	56265.07	56246.9	3.07	56268.14	56266.25391	56269.45057	56264.24219	503921.5	5411449.4
L3920.0	503921.6	5411448.7	77823.79688	317.08	0	48.855992	-86.946537	56264.41	56246.9	3.07	56267.49	56265.62500	56258.23687	56253.08203	503921.6	5411448.7
L3920.0	503921.8	5411448.1	77823.89844	317.80	0	48.855986	-86.946536	56264.70	56246.9	3.08	56267.77	56265.92578	56266.26397	56261.16016	503921.8	5411448.1
L3920.0	503921.8	5411448.1	77824.00000	316.91	0	48.855986	-86.946536	56264.56	56246.9	3.08	56267.64	56265.82031	56265.94412	56260.89063	503921.8	5411448.1
L3920.0	503921.9	5411447.3	77824.10156	318.53	0	48.855980	-86.946534	56264.41	56246.9	3.08	56267.49	56265.69141	56265.30952	56260.30469	503921.9	5411447.3
L3920.0	503922.0	5411446.6	77824.20313	318.53	0	48.855973	-86.946532	56264.71	56246.9	3.08	56267.79	56266.01172	56274.24886	56269.29688	503922.0	5411446.6
L3920.0	503922.0	5411446.6	77824.20313	318.14	0	48.855973	-86.946532	56265.02	56246.9	3.08	56268.10	56266.34766	56283.60497	56278.70313	503922.0	5411446.6
L3920.0	503922.2	5411445.9	77824.29688	319.27	0	48.855967	-86.946530	56265.64	56246.9	3.08	56268.71	56266.98047	56299.54045	56294.68750	503922.2	5411445.9
L3920.0	503922.3	5411445.2	77824.50000	323.66	0	48.855961	-86.946529	56265.71	56246.9	3.08	56268.79	56267.08203	56304.42560	56299.62109	503922.3	5411445.2
L3920.0	503922.4	5411444.6	77824.60156	324.22	0	48.855955	-86.946527	56265.61	56246.9	3.07	56268.69	56267.00781	56305.61509	56300.85938	503922.4	5411444.6
L3920.0	503922.4	5411444.6	77824.70313	325.33	0	48.855955	-86.946527	56265.36	56246.9	3.07	56268.43	56266.76953	56303.49459	56298.78906	503922.4	5411444.6
L3920.0	503922.5	5411443.9	77824.79688	326.10	0	48.855949	-86.946526	56264.96	56246.9	3.07	56268.03	56266.39453	56298.46172	56293.80469	503922.5	5411443.9
L3920.0	503922.5	5411443.4	77824.89844	325.01	0	48.855944	-86.946525	56263.42	56246.9	3.07	56266.49	56264.87891	56268.83747	56264.23047	503922.5	5411443.4
L3920.0	503922.6	5411442.6	77825.00000	324.10	0	48.855937	-86.946524	56263.18	56246.9	3.07	56266.25	56264.66406	56267.41695	56262.85547	503922.6	5411442.6
L3920.0	503922.6	5411442.6	77825.10156	321.36	0	48.855937	-86.946524	56262.78	56246.9	3.07	56265.85	56264.28906	56262.66065	56258.14844	503922.6	5411442.6
L3920.0	503922.7	5411441.8	77825.20313	321.36	0	48.855930	-86.946523	56263.01	56246.9	3.07	56266.08	56264.54688	56271.78061	56267.31641	503922.7	5411441.8
L3920.0	503922.7	5411441.8	77825.29688	321.79	0	48.855930	-86.946523	56263.16	56246.9	3.07	56266.23	56264.72266	56279.33900	56274.92188	503922.7	5411441.8
L3920.0	503922.7	5411441.0	77825.39844	320.22	0	48.855923	-86.946523	56263.39	56246.9	3.07	56266.46	56264.98047	56288.81248	56284.44141	503922.7	5411441.0
L3920.0	503922.8	5411440.4	77825.50000	318.26	0	48.855917	-86.946522	56263.70	56246.9	3.07	56266.77	56265.31641	56300.18489	56295.85938	503922.8	5411440.4
L3920.0	503922.8	5411439.6	77825.60156	317.70	0	48.855910	-86.946522	56262.39	56246.9	3.08	56265.47	56264.04297	56276.60938	56272.33203	503922.8	5411439.6
L3920.0	503922.8	5411439.6	77825.70313	318.02	0	48.855910	-86.946522	56262.86	56246.9	3.08	56265.93	56264.53125	56291.54915	56287.31641	503922.8	5411439.6
L3920.0	503922.8	5411439.0	77825.79688	320.92	0	48.855905	-86.946522	56261.47	56246.9	3.08	56264.55	56263.17969	56266.69823	56262.51172	503922.8	5411439.0
L3920.0	503922.8	5411438.2	77825.89844	318.80	0	48.855898	-86.946523	56261.50	56246.9	3.08	56264.58	56263.23828	56272.64817	56268.50391	503922.8	5411438.2
L3920.0	503922.8	5411438.2	77826.00000	320.41	0	48.855898	-86.946523	56261.65	56246.9	3.08	56264.73	56263.41406	56281.32384	56277.22656	503922.8	5411438.2
L3920.0	503922.7	5411437.5	77826.10156	320.76	0	48.855892	-86.946523	56261.94	56246.9	3.08	56265.02	56263.73438	56293.12276	56289.07031	503922.7	5411437.5
L3920.0	503922.7	5411436.7	77826.20313	320.76	0	48.855884	-86.946523	56261.12	56246.9	3.08	56264.20	56262.94531	56281.35783	56277.34766	503922.7	5411436.7
L3920.0	503922.7	5411436.7	77826.20313	321.33	0	48.855884	-86.946523	56260.53	56246.9	3.08	56263.61	56262.38281	56274.78192	56270.81641	503922.7	5411436.7
L3920.0	503922.6	5411436.1	77826.39844	322.66	0	48.855879	-86.946524	56260.30	56246.9	3.08	56263.39	56262.19531	56276.30209	56272.37891	503922.6	5411436.1
L3920.0	503922.6	5411435.2	77826.50000	319.96	0	48.855871	-86.946524	56260.21	56246.9	3.08	56263.29	56262.12500	56280.56355	56276.68359	503922.6	5411435.2
L3920.0	503922.6	5411434.1	77826.60156	320.04	0	48.855861	-86.946525	56260.18	56246.9	3.09	56263.26	56262.12500	56286.49570	56282.66016	503922.6	5411434.1
L3920.0	503922.5	5411433.4	77826.70313	322.47	0	48.855854	-86.946525	56259.68	56246.9	3.09	56262.77	56261.66406	56282.96044	56279.16797	503922.5	5411433.4
L3920.0	503922.5	5411433.4	77826.79688	320.92	0	48.855854	-86.946525	56259.69	56246.9	3.09	56262.78	56261.70703	56290.12764	56286.37500	503922.5	5411433.4
L3920.0	503922.5	5411432.6	77826.89844	320.25	0	48.855847	-86.946526	56258.98	56246.9	3.09	56262.07	56261.02734	56282.44722	56278.73438	503922.5	5411432.6
L3920.0	503922.4	5411431.5	77827.00000	321.53	0	48.855837	-86.946527	56258.16	56246.9	3.09	56261.25	56260.23828	56272.75542	56269.08594	503922.4	5411431.5
L3920.0	503922.4	5411430.6	77827.10156	320.87	0	48.855830	-86.946527	56257.92	56246.9	3.09	56261.01	56260.03125	56275.36007	56271.73047	503922.4	5411430.6
L3920.0	503922.4	5411430.6	77827.20313	320.87	0	48.855830	-86.946527	56257.36	56246.9	3.09	56260.45	56259.50391	56271.57759	56267.98828	503922.4	5411430.6
L3920.0	503922.4	5411429.7	77827.29688	320.58	0	48.855821	-86.946528	56257.04	56246.9	3.09	56260.13	56259.21875	56272.96474	56269.41797	503922.4	5411429.7
L3920.0	503922.3	5411428.8	77827.39844	321.91	0	48.855813	-86.946528	56256.88	56246.9	3.09	56259.97	56259.08984	56277.80243	56274.29297	503922.3	5411428.8
L3920.0	503922.3	5411428.8	77827.50000	318.82	0	48.855813	-86.946528	56256.73	56246.9	3.09	56259.82	56258.97266	56282.99086	56279.51953	503922.3	5411428.8
L3920.0	503922.3	5411427.4	77827.60156	317.26	0	48.855801	-86.946529	56255.64	56246.9	3.09	56258.73	56257.91797	56269.52545	56266.09375	503922.3	5411427.4
L3920.0	503922.3	5411426.7	77827.70313	316.91	0	48.855794	-86.946529	56255.09	56246.9	3.09	56258.18	56257.39844	56267.20361	56263.81250	503922.3	5411426.7
L3920.0	503922.3	5411426.7	77827.79688	316.15	0	48.855794	-86.946529	56255.14	56246.9	3.09	56258.23	56257.48438	56276.93564	56273.58203	503922.3	5411426.7
L3920.0	503922.2	5411425.8	77827.89844	317.20	0	48.855786	-86.946530	56254.82	56246.9	3.09	56257.91	56257.19922	56279.50685	56276.19141	503922.2	5411425.8
L3920.0	503922.2	5411424.9	77828.00000	319.09	0	48.855778	-86.946530	56254.15	56246.9	3.09	56257.24	56256.56250	56275.48988	56272.21094	503922.2	5411424.9
L3920.0	503922.2	5411423.9	77828.10156	319.10	0	48.855769	-86.946531	56253.32	56246.9	3.09	56256.41	56255.76563	56268.69954	56265.45703	503922.2	5411423.9
L3920.0	503922.2	5411423.9	77828.20313	319.10	0	48.855769	-86.946531	56252.87	56246.9	3.09	56255.96	56255.35156	56269.44923	56266.24609	503922.2	5411423.9
L3920.0	503922.1	5411422.8	77828.20313	317.14	0	48.855759	-86.946531	56252.14	56246.9	3.09	56255.23	56254.65625	56265.13912	56261.96875	503922.1	5411422.8
L3920.0	503922.1	5411421.8	77828.39844	314.72	0	48.855750	-86.946531	56251.58	56246.9	3.10	56254.68	56254.14063	56264.46676	56261.33203	503922.1	5411421.8
L3920.0	503922.1	5411420.8	77828.50000	317.66	0	48.855741	-86.946532	56250.80	56246.9	3.10	56253.90	56253.39844	56259.76900	56256.67188	503922.1	5411420.8
L3920.0	503922.0	5411419.9	77828.60156	318.17	0	48.855733	-86.946532	56250.27	56246.9	3.10	56253.38	56252.91406	56256.69155	56253.62891	503922.0	5411419.9
L3920.0	503922.0	5411419.9	77828.70313	318.24	0	48.855733	-86.946532	56249.50	56246.9	3.10	56252.61	56252.17969	56251.56272	56248.53516	503922.0	5411419.9
L3920.0	503922.0	5411418.7	77828.79688	316.47	0	48.855723	-86.946533	56249.12	56246.9	3.11	56252.23	56251.83203	56256.71416	56253.71875	503922.0	5411418.7
L3920.0	503922.0	5411417.8	77828.89844	315.59	0	48.855714	-86.946533	56248.51	56246.9	3.11	56251.62	56251.25781	56256.24002	56253.27734	503922.0	5411417.8
L3920.0	503922.0	5411417.0	77829.00000	316.40	0	48.855707	-86.946533	56247.88	56246.9	3.11	56250.99	56250.66406	56255.53254	56252.60547	503922.0	5411417.0
L3920.0	503922.0	5411417.0	77829.10156	317.91	0	48.855707	-86.946533	56247.41	56246.9	3.11	56250.51	56250.22266	56258.85616	56255.96094	503922.0	5411417.0
L3920.0	503922.0	5411416.1	77829.20313	317.91	0	48.855699	-86.946533	56246.93	56246.9	3.11	56250.04	56249.78906	56262.66720	56259.80469	503922.0	5411416.1
L3920.0	503922.0	5411415.2	77829.29688	316.40	0	48.855690	-86.946534	56245.78	56246.9	3.11	56248.88	56248.66406	56249.51802	56246.68750	503922.0	5411415.2
L3920.0	503921.9	5411413.8	77829.39844	316.11	0	48.855678	-86.946534	56244.94	56246.9	3.11	56248.04	56247.85938	56244.63889	56241.83984	503921.9	5411413.8
L3920.0	503921.9	5411413.8	77829.50000	314.35	0	48.855678	-86.946534	56244.45	56246.9	3.10	56247.55	56247.40625	56248.72068	56245.95313	503921.9	5411413.8
L3920.0	503921.9	5411412.8	77829.60156	316.33	0	48.855669	-86.946534	56243.23	56246.9	3.10	56246.33	56246.22266	56234.89166	56232.15625	503921.9	5411412.8
L3920.0	503921.9	5411411.7	77829.70313	316.14	0	48.855659	-86.946535	56242.54	56246.9	3.10	56245.64	56245.57031	56234.47823	56231.77344	503921.9	5411411.7
L3920.0	503921.9	5411411.7	77829.79688	315.99	0	48.855659	-86.946535	56242.14	56246.9	3.10	56245.24	56245.20703	56241.51515	56238.83984	503921.9	5411411.7
L3920.0	503921.8	5411410.5	77829.89844	315.36	0	48.855648	-86.946535	56241.74	56246.9	3.10	56244.84	56244.84375	56248.79130	56246.14453	503921.8	5411410.5
L3920.0	503921.8	5411409.3	77830.00000	315.88	0	48.855637	-86.946535	56240.94	56246.9	3.10	56244.04	56244.07813	56246.33391	56243.71484	503921.8	5411409.3
L3920.0	503921.8	5411408.1	77830.10156	316.79	0	48.855627	-86.946536	56240.47	56246.9	3.10	56243.57	56243.64453	56252.31710	56249.73047	503921.8	5411408.1
L3920.0	503921.8	5411407.3	77830.20313	316.79	0	48.855620	-86.946536	56239.81	56246.9	3.10	56242.91	56243.01953	56253.77299	56251.21484	503921.8	5411407.3
L3920.0	503921.8	5411407.3	77830.20313	316.60	0	48.855620	-86.946536	56238.78	56246.9	3.10	56241.88	56242.02734	56246.20743	56243.67578	503921.8	5411407.3
L3920.0	503921.8	5411406.2	77830.39844	317.59	0	48.855610	-86.946536	56237.66	56246.9	3.10	56240.76	56240.94141	56236.60514	56234.10156	503921.8	5411406.2
L3920.0	503921.8	5411404.9	77830.50000	317.57	0	48.855598	-86.946536	56236.85	56246.9	3.10	56239.95	56240.16797	56234.91421	56232.43750	503921.8	5411404.9
L3920.0	503921.8	5411404.9	77830.60156	318.09	0	48.855598	-86.946536	56236.21	56246.9	3.10	56239.31	56239.56641	56237.61391	56235.16406	503921.8	5411404.9
L3920.0	503921.7	5411403.5	77830.70313	318.19	0	48.855586	-86.946536	56235.64	56246.9	3.10	56238.74	56239.03125	56242.18105	56239.75781	503921.7	5411403.5

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L3920.0	503921.7	5411402.4	77830.79688	318.32	0	48.855576	-86.946537	56234.63	56246.9	3.10	56237.73	56238.05469	56236.04531	56233.64844	503921.7	5411402.4
L3920.0	503921.7	5411401.1	77830.89844	317.13	0	48.855564	-86.946537	56233.91	56246.9	3.10	56237.01	56237.37109	56237.18351	56234.81250	503921.7	5411401.1
L3920.0	503921.8	5411400.1	77831.00000	317.16	0	48.855555	-86.946536	56233.02	56246.9	3.10	56236.12	56236.51563	56234.29861	56231.95313	503921.8	5411400.1
L3920.0	503921.8	5411400.1	77831.10156	317.04	0	48.855555	-86.946536	56232.40	56246.9	3.10	56235.50	56235.93359	56238.05275	56235.73047	503921.8	5411400.1
L3920.0	503921.8	5411398.9	77831.20313	317.04	0	48.855544	-86.946536	56231.46	56246.9	3.10	56234.56	56235.02734	56234.19089	56231.89453	503921.8	5411398.9
L3920.0	503921.8	5411397.6	77831.29688	313.40	0	48.855532	-86.946536	56230.57	56246.9	3.10	56233.68	56234.17969	56231.88174	56229.61328	503921.8	5411397.6
L3920.0	503921.8	5411397.6	77831.39844	313.88	0	48.855532	-86.946536	56229.62	56246.9	3.10	56232.72	56233.25391	56227.79136	56225.54297	503921.8	5411397.6
L3920.0	503921.8	5411396.4	77831.50000	314.41	0	48.855522	-86.946536	56228.71	56246.9	3.10	56231.81	56232.37891	56224.97669	56222.75391	503921.8	5411396.4
L3920.0	503921.8	5411395.1	77831.60156	314.33	0	48.855510	-86.946536	56227.26	56246.9	3.11	56230.36	56230.96484	56209.81475	56207.61328	503921.8	5411395.1
L3920.0	503921.8	5411394.2	77831.70313	317.12	0	48.855502	-86.946536	56226.61	56246.9	3.11	56229.72	56230.35938	56213.40321	56211.22656	503921.8	5411394.2
L3920.0	503921.8	5411394.2	77831.79688	315.22	0	48.855502	-86.946536	56225.70	56246.9	3.11	56228.80	56229.47266	56210.58995	56208.43750	503921.8	5411394.2
L3920.0	503921.8	5411392.7	77831.89844	314.32	0	48.855489	-86.946536	56224.98	56246.9	3.11	56228.09	56228.79297	56212.49834	56210.36719	503921.8	5411392.7
L3920.0	503921.8	5411391.7	77832.00000	313.15	0	48.855479	-86.946536	56223.98	56246.9	3.11	56227.09	56227.82813	56207.88037	56205.76953	503921.8	5411391.7
L3920.0	503921.8	5411391.7	77832.10156	313.09	0	48.855479	-86.946536	56223.50	56246.9	3.11	56226.60	56227.36719	56214.52731	56212.44141	503921.8	5411391.7
L3920.0	503921.8	5411389.4	77832.20313	313.09	0	48.855459	-86.946535	56222.58	56246.9	3.10	56225.68	56226.48047	56211.57111	56209.50781	503921.8	5411389.4
L3920.0	503921.8	5411389.4	77832.20313	312.94	0	48.855459	-86.946535	56222.00	56246.9	3.10	56225.10	56225.93359	56215.99846	56213.95313	503921.8	5411389.4
L3920.0	503921.8	5411388.3	77832.39844	312.74	0	48.855449	-86.946535	56220.84	56246.9	3.09	56223.93	56224.79297	56207.41043	56205.38672	503921.8	5411388.3
L3920.0	503921.8	5411387.0	77832.50000	311.70	0	48.855437	-86.946535	56220.00	56246.9	3.08	56223.09	56223.98438	56205.93787	56203.93359	503921.8	5411387.0
L3920.0	503921.8	5411387.0	77832.60156	311.42	0	48.855437	-86.946535	56218.94	56246.9	3.08	56222.02	56222.94531	56199.31619	56197.33203	503921.8	5411387.0
L3920.0	503921.9	5411385.7	77832.70313	311.29	0	48.855426	-86.946535	56218.09	56246.9	3.07	56221.16	56222.11719	56197.13016	56195.16797	503921.9	5411385.7
L3920.0	503921.9	5411384.2	77832.79688	312.31	0	48.855412	-86.946535	56217.45	56246.9	3.07	56220.52	56221.50391	56199.59964	56197.66016	503921.9	5411384.2
L3920.0	503921.9	5411383.1	77832.89844	315.39	0	48.855402	-86.946535	56217.25	56246.9	3.06	56220.31	56221.32422	56211.35954	56209.43750	503921.9	5411383.1
L3920.0	503921.9	5411383.1	77833.00000	315.43	0	48.855402	-86.946535	56216.62	56246.9	3.06	56219.68	56220.72266	56213.77269	56211.87109	503921.9	5411383.1
L3920.0	503921.9	5411381.9	77833.10156	314.13	0	48.855391	-86.946535	56215.58	56246.9	3.06	56218.64	56219.71094	56206.96636	56205.08203	503921.9	5411381.9
L3920.0	503921.9	5411381.9	77833.20313	314.13	0	48.855391	-86.946535	56214.46	56246.9	3.06	56217.53	56218.62891	56198.37343	56196.50781	503921.9	5411381.9
L3920.0	503921.9	5411380.3	77833.29688	316.56	0	48.855377	-86.946535	56213.42	56246.9	3.07	56216.49	56217.61719	56191.08029	56189.23438	503921.9	5411380.3
L3920.0	503921.9	5411379.1	77833.39844	315.72	0	48.855366	-86.946534	56212.80	56246.9	3.07	56215.87	56217.02344	56192.89946	56191.07422	503921.9	5411379.1
L3920.0	503921.9	5411378.0	77833.50000	315.57	0	48.855356	-86.946534	56212.14	56246.9	3.07	56215.21	56216.39063	56193.61730	56191.80859	503921.9	5411378.0
L3920.0	503921.9	5411378.0	77833.60156	315.66	0	48.855356	-86.946534	56211.67	56246.9	3.07	56214.74	56215.94531	56198.36766	56196.57422	503921.9	5411378.0
L3920.0	503921.9	5411376.6	77833.70313	314.07	0	48.855344	-86.946534	56210.45	56246.9	3.07	56213.52	56214.75391	56186.09437	56184.32031	503921.9	5411376.6
L3920.0	503921.9	5411375.2	77833.79688	314.39	0	48.855331	-86.946534	56209.73	56246.9	3.08	56212.80	56214.05859	56184.75270	56182.99609	503921.9	5411375.2
L3920.0	503921.9	5411374.1	77833.89844	315.44	0	48.855321	-86.946534	56209.13	56246.9	3.08	56212.21	56213.49219	56186.05307	56184.31250	503921.9	5411374.1
L3920.0	503921.9	5411374.1	77834.00000	315.79	0	48.855321	-86.946534	56208.44	56246.9	3.08	56211.52	56212.82422	56184.84069	56183.11719	503921.9	5411374.1
L3920.0	503922.0	5411372.7	77834.10156	314.50	0	48.855308	-86.946534	56207.90	56246.9	3.08	56210.98	56212.30859	56186.67000	56184.96484	503922.0	5411372.7
L3920.0	503922.0	5411371.2	77834.20313	314.50	0	48.855295	-86.946534	56206.97	56246.9	3.08	56210.05	56211.40234	56179.55323	56177.86328	503922.0	5411371.2
L3920.0	503922.0	5411371.2	77834.20313	313.90	0	48.855295	-86.946534	56206.50	56246.9	3.08	56209.58	56210.95313	56182.29532	56180.62109	503922.0	5411371.2
L3920.0	503922.0	5411369.6	77834.29688	311.12	0	48.855281	-86.946534	56205.74	56246.9	3.09	56208.82	56210.21484	56178.31839	56176.66016	503922.0	5411369.6
L3920.0	503922.0	5411369.6	77834.50000	314.61	0	48.855281	-86.946534	56205.64	56246.9	3.09	56208.73	56210.14453	56188.63230	56186.98828	503922.0	5411369.6
L3920.0	503922.0	5411368.4	77834.60156	315.75	0	48.855270	-86.946534	56204.72	56246.9	3.09	56207.81	56209.24609	56180.46099	56178.83203	503922.0	5411368.4
L3920.0	503921.9	5411367.2	77834.70313	315.54	0	48.855259	-86.946534	56204.38	56246.9	3.09	56207.47	56208.92578	56184.50886	56182.89453	503921.9	5411367.2
L3920.0	503921.9	5411366.1	77834.79688	314.13	0	48.855249	-86.946534	56203.46	56246.9	3.10	56206.56	56208.03516	56175.83848	56174.23828	503921.9	5411366.1
L3920.0	503921.9	5411366.1	77834.89844	313.73	0	48.855249	-86.946534	56202.78	56246.9	3.10	56205.88	56207.37109	56171.74033	56170.15625	503921.9	5411366.1
L3920.0	503921.9	5411364.7	77835.00000	311.54	0	48.855237	-86.946534	56202.42	56246.9	3.10	56205.52	56207.03125	56174.08905	56172.51563	503921.9	5411364.7
L3920.0	503921.9	5411362.8	77835.10156	314.58	0	48.855220	-86.946534	56201.84	56246.9	3.10	56204.94	56206.46875	56171.26063	56169.69922	503921.9	5411362.8
L3920.0	503921.9	5411362.8	77835.20313	314.58	0	48.855220	-86.946534	56201.95	56246.9	3.10	56205.05	56206.59375	56182.80013	56181.25391	503921.9	5411362.8
L3920.0	503922.0	5411362.0	77835.29688	312.62	0	48.855212	-86.946534	56201.13	56246.9	3.10	56204.23	56205.78906	56173.88323	56172.34766	503922.0	5411362.0
L3920.0	503922.0	5411362.0	77835.39844	312.73	0	48.855212	-86.946534	56200.63	56246.9	3.10	56203.73	56205.30469	56171.36195	56169.83984	503922.0	5411362.0
L3920.0	503922.0	5411360.8	77835.50000	313.39	0	48.855202	-86.946534	56199.89	56246.9	3.10	56202.99	56204.57813	56163.12781	56161.61719	503922.0	5411360.8
L3920.0	503922.0	5411358.4	77835.60156	315.63	0	48.855180	-86.946534	56200.10	56246.9	3.09	56203.19	56204.79297	56174.83487	56173.33594	503922.0	5411358.4
L3920.0	503922.0	5411358.4	77835.70313	315.04	0	48.855180	-86.946534	56199.36	56246.9	3.09	56202.45	56204.06641	56165.54035	56164.05078	503922.0	5411358.4
L3920.0	503922.0	5411357.1	77835.79688	314.23	0	48.855168	-86.946534	56199.12	56246.9	3.09	56202.21	56203.83594	56166.67416	56165.19531	503922.0	5411357.1
L3920.0	503922.0	5411355.9	77835.89844	313.77	0	48.855157	-86.946534	56198.78	56246.9	3.09	56201.87	56203.50781	56165.08801	56163.62109	503922.0	5411355.9
L3920.0	503922.0	5411355.9	77836.00000	316.13	0	48.855157	-86.946534	56198.74	56246.9	3.09	56201.83	56203.48047	56169.69501	56168.23438	503922.0	5411355.9
L3920.0	503922.0	5411354.4	77836.10156	317.23	0	48.855144	-86.946534	56198.75	56246.9	3.09	56201.84	56203.50000	56174.98799	56173.53906	503922.0	5411354.4
L3920.0	503922.0	5411353.2	77836.20313	317.23	0	48.855133	-86.946534	56198.23	56246.9	3.08	56201.31	56202.98047	56167.53951	56166.09766	503922.0	5411353.2
L3920.0	503922.0	5411351.7	77836.20313	316.51	0	48.855120	-86.946534	56198.04	56246.9	3.08	56201.12	56202.80078	56167.25929	56165.82813	503922.0	5411351.7
L3920.0	503922.0	5411351.7	77836.39844	315.51	0	48.855120	-86.946534	56197.13	56246.9	3.08	56200.20	56201.88672	56149.56837	56148.14453	503922.0	5411351.7
L3920.0	503922.0	5411350.2	77836.50000	316.14	0	48.855106	-86.946533	56197.21	56246.9	3.07	56200.29	56201.98438	56154.62804	56153.21094	503922.0	5411350.2
L3920.0	503922.0	5411348.7	77836.60156	315.04	0	48.855093	-86.946533	56197.10	56246.9	3.07	56200.17	56201.87109	56154.33698	56152.92578	503922.0	5411348.7
L3920.0	503922.0	5411348.7	77836.70313	318.32	0	48.855093	-86.946533	56197.67	56246.9	3.07	56200.74	56202.44922	56169.73199	56168.32813	503922.0	5411348.7
L3920.0	503922.0	5411347.3	77836.79688	318.74	0	48.855080	-86.946533	56197.52	56246.9	3.07	56200.59	56202.30469	56167.72684	56166.32813	503922.0	5411347.3
L3920.0	503922.0	5411345.8	77836.89844	316.94	0	48.855066	-86.946533	56197.39	56246.9	3.06	56200.46	56202.17969	56165.63755	56164.24609	503922.0	5411345.8
L3920.0	503922.0	5411345.8	77837.00000	318.10	0	48.855066	-86.946533	56196.88	56246.9	3.06	56199.94	56201.66406	56153.74733	56152.35938	503922.0	5411345.8
L3920.0	503922.0	5411344.2	77837.10156	314.43	0	48.855052	-86.946533	56196.62	56246.9	3.07	56199.69	56201.41406	56147.69452	56146.31250	503922.0	5411344.2
L3920.0	503922.0	5411343.2	77837.20313	314.43	0	48.855043	-86.946533	56196.98	56246.9	3.07	56200.05	56201.77734	56155.59445	56154.21875	503922.0	5411343.2
L3920.0	503922.0	5411342.0	77837.29688	316.19	0	48.855032	-86.946534	56197.01	56246.9	3.08	56200.09	56201.82031	56155.36507	56153.99219	503922.0	5411342.0
L3920.0	503922.0	5411342.0	77837.39844	317.13	0	48.855032	-86.946534	56198.04	56246.9	3.08	56201.12	56202.85156	56178.08952	56176.72266	503922.0	5411342.0
L3920.0	503922.0	5411340.7	77837.50000	316.40	0	48.855021	-86.946534	56198.28	56246.9	3.09	56201.37	56203.10156	56181.73318	56180.36719	503922.0	5411340.7
L3920.0	503922.0	5411339.0	77837.60156	312.43	0	48.855006	-86.946534	56198.13	56246.9	3.10	56201.22	56202.95313	56175.36677	56174.00391	503922.0	5411339.0
L3920.0	503922.0	5411339.0	77837.70313	313.64	0	48.855006	-86.946534	56197.49	56246.9	3.10	56200.59	56202.32422	56157.18526	56155.82813	503922.0	5411339.0
L3920.0	503922.0	5411337.6	77837.79688	313.98	0	48.854993	-86.946534	56197.44	56246.9	3.11	56200.55	56202.28125	56152.43474	56151.07813	503922.0	5411337.6
L3920.0	503922.0	5411336.0	77837.89844	314.73	0	48.854979	-86.946534	56197.61	56246.9	3.11	56200.72	56202.44922	56152.10542	56150.75000	503922.0	5411336.0
L3920.0	503922.0	5411336.0	77838.00000	315.64	0	48.854979	-86.946534	56197.88	56246.9	3.12	56201.00	56202.72656	56153.82333	56152.46875	503922.0	5411336.0
L3920.0	503922.0	5411334.6	77838.10156	315.56	0	48.854966	-86.946534	56198.41	56246.9	3.12	56201.53	56203.25391	56160.83059	56159.47656	503922.0	5411334.6
L3920.0	503921.9	5411332.7	77838.20313	315.56	0	48.854948	-86.946535	56198.60	56246.9	3.12	56201.72	56203.44141	56159.39951	56158.04688	503921.9	5411332.7
L3920.0	503921.9	5411332.7	77838.20313	315.54	0	48.854948	-86.946535	56199.44	56246.9	3.12	56202.56	56204.27734	56172.50210	56171.15234	503921.9	5411332.7
L3920.0	503921.9	5411331.8	77838.39844	318.46	0	48.854941	-86.946535	56199.61	56246.9	3.12	56202.72	56204.43359	56169.36737	56168.01563	503921.9	5411331.8
L3920.0	503921.9	5411330.6	77838.50000	317.55	0	48.854930	-86.946535	56200.20	56246.9	3.12	56203.31	56205.01563	56175.65502	56174.30469	503921.9	5411330.6
L3920.0	503921.9	5411330.6	77838.60156	316.92	0	48.854930	-86.946535	56200.36	56246.9	3.11	56203.48	56205.17969	56171.82127	56170.46875	503921.9	5411330.6
L3920.0	503921.9	5411329.0	77838.70313	313.19	0	48.854916	-86.946535	56200.94	56246.9	3.11	56204.05	56205.74609	56176.69028	56175.33594	503921.9	5411329.0
L3920.0	503921.9	5411327.6	77838.79688	312.06	0	48.854903	-86.946536	56201.12	56246.9	3.11	56204.23	56205.91797	56172.21147	56170.85547	503921.9	5411327.6
L3920.0	503921.9	5411326.4	77838.89844	312.86	0	48.854892	-86.946536	56201.66	56246.9	3.11	56204.77	56206.44922	56175.50053	56174.14453	503921.9	5411326.4
L3920.0	503921.8	5411325.3	77839.00000	313.65	0	48.854882	-86.946536	56202.00	56246.9	3.11	56205.11	56206.78125	56173.82856	56172.46875	503921.8	5411325.3
L3920.0	503921.8	5411325.3	77839.10156	313.65	0	48.854882	-86.946536	56202.63	56246.9	3.11	56205.73	56207.39063	56178.08100	56176.72266	503921.8	5411325.3
L3920.0	503921.8	5411323.8	77839.20313	314.26	0	48.854868	-86.946536	56203.01	56246.9	3.11	56206.12	56207.77344	56176.74898	56175.38672	503921.8	5411323.8
L3920.0	503921.8	5411322.5	77839.29688	313.00	0	48.854857	-86.946536	56203.26	56246.9	3.11	56206.37	56208.01172	56171.91599	56170.55078	503921.8	5411322.5
L3920.0	503921.8	5411322.5	77839.39844	314.64	0	48.854857	-86.946536	56203.78	56246.9	3.11	56206.88	56208.51172	56172.55684	56171.18750	503921.8	5411322.5
L3920.0	503921.8	5411321.2	77839.50000	314.64	0	48.854845	-86.946536	56204.43	56246.9	3.11	56207.54	56209.16406	56176.17586	56174.80469	503921.8	5411321.2
L3920.0	503921.8	5411319.8	77839.60156	315.92	0	48.854833	-86.946536	56205.06	56246.9	3.10	56208.16	56209.76953	56178.53631	56177.16016	503921.8	5411319.8
L3920.0	503921.8	5411318.8	77839.70313	315.92	0	48.854824	-86.946536	56205.61	56246.9	3.10	56208.72	56210.32031	56179.21453	56177.83594	503921.8	5411318.8
L3920.0	503921.8	5411318.8	77839.70313	314.05	0	48.854824	-86.946536	56206.22	56246.9	3.10	56209.32	56210.90625	56180.43860	56179.05469	503921.8	5411318.8
L3920.0	503921.8	5411317.6	77839.79688	315.46	0	48.854813	-86.946536	56206.75	56246.9	3.10	56209.86	56211.43359	56180.00635	56178.62109	503921.8	5411317.6
L3920.0	503921.8	5411316.4	77840.00000	313.52	0	48.854802	-86.946536	56207.48	56246.9	3.10	56210.58	56212.14063	56183.21927	56181.82813	503921.8	5411316.4

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L3920.0	503921.8	5411315.1	77840.00000	313.78	0	48.854791	-86.946536	56207.86	56246.9	3.10	56210.96	56212.50781	56178.61556	56177.21875	503921.8	5411315.1
L3920.0	503921.8	5411315.1	77840.20313	313.23	0	48.854791	-86.946536	56208.39	56246.9	3.10	56211.50	56213.03516	56177.22137	56175.82031	503921.8	5411315.1
L3920.0	503921.8	5411313.7	77840.20313	314.90	0	48.854778	-86.946536	56209.16	56246.9	3.10	56212.26	56213.78125	56180.38724	56178.98047	503921.8	5411313.7
L3920.0	503921.8	5411312.5	77840.20313	314.90	0	48.854767	-86.946536	56210.07	56246.9	3.10	56213.17	56214.67578	56186.61357	56185.20313	503921.8	5411312.5
L3920.0	503921.8	5411312.5	77840.50000	312.40	0	48.854767	-86.946536	56210.95	56246.9	3.11	56214.06	56215.55078	56192.16482	56190.75000	503921.8	5411312.5
L3920.0	503921.8	5411309.3	77840.60156	313.93	0	48.854738	-86.946536	56211.64	56246.9	3.11	56214.75	56216.22656	56193.00820	56191.58594	503921.8	5411309.3
L3920.0	503921.8	5411309.3	77840.70313	313.09	0	48.854738	-86.946536	56212.48	56246.9	3.11	56215.59	56217.05078	56196.99927	56195.57031	503921.8	5411309.3
L3920.0	503921.8	5411307.3	77840.79688	312.44	0	48.854720	-86.946536	56213.00	56246.9	3.12	56216.12	56217.56641	56193.71992	56192.28516	503921.8	5411307.3
L3920.0	503921.8	5411307.3	77840.89844	313.54	0	48.854720	-86.946536	56213.68	56246.9	3.12	56216.80	56218.23047	56193.59448	56192.15234	503921.8	5411307.3
L3920.0	503921.8	5411305.7	77841.00000	313.91	0	48.854706	-86.946536	56214.52	56246.9	3.12	56217.64	56219.05078	56196.95169	56195.50391	503921.8	5411305.7
L3920.0	503921.8	5411304.1	77841.10156	314.92	0	48.854691	-86.946536	56215.41	56246.9	3.12	56218.53	56219.92578	56201.32438	56199.87109	503921.8	5411304.1
L3920.0	503921.8	5411304.1	77841.20313	314.92	0	48.854691	-86.946536	56216.18	56246.9	3.12	56219.30	56220.67969	56202.72456	56201.26172	503921.8	5411304.1
L3920.0	503921.8	5411302.7	77841.29688	317.44	0	48.854678	-86.946536	56216.99	56246.9	3.12	56220.11	56221.47266	56204.90910	56203.44141	503921.8	5411302.7
L3920.0	503921.8	5411301.3	77841.39844	318.77	0	48.854666	-86.946536	56217.68	56246.9	3.12	56220.80	56222.14453	56204.03925	56202.56250	503921.8	5411301.3
L3920.0	503921.8	5411301.3	77841.50000	316.90	0	48.854666	-86.946536	56218.21	56246.9	3.12	56221.33	56222.65625	56199.05561	56197.57031	503921.8	5411301.3
L3920.0	503921.8	5411299.7	77841.60156	315.52	0	48.854651	-86.946536	56218.78	56246.9	3.12	56221.90	56223.20703	56194.80350	56193.31250	503921.8	5411299.7
L3920.0	503921.8	5411298.1	77841.70313	315.87	0	48.854637	-86.946536	56219.75	56246.9	3.12	56222.87	56224.16016	56200.30137	56198.80078	503921.8	5411298.1
L3920.0	503921.8	5411296.8	77841.79688	316.12	0	48.854626	-86.946536	56220.69	56246.9	3.12	56223.81	56225.08203	56205.00033	56203.49219	503921.8	5411296.8
L3920.0	503921.8	5411296.8	77841.89844	318.52	0	48.854626	-86.946536	56221.43	56246.9	3.12	56224.55	56225.80078	56204.59271	56203.07422	503921.8	5411296.8
L3920.0	503921.8	5411295.0	77842.00000	319.24	0	48.854609	-86.946537	56222.18	56246.9	3.12	56225.30	56226.53516	56204.33145	56202.80469	503921.8	5411295.0
L3920.0	503921.8	5411293.4	77842.10156	319.20	0	48.854595	-86.946537	56223.04	56246.9	3.12	56226.16	56227.37500	56206.77009	56205.23828	503921.8	5411293.4
L3920.0	503921.8	5411293.4	77842.20313	319.20	0	48.854595	-86.946537	56223.69	56246.9	3.12	56226.81	56228.00391	56203.81615	56202.27344	503921.8	5411293.4
L3920.0	503921.8	5411291.7	77842.20313	318.46	0	48.854580	-86.946537	56224.74	56246.9	3.12	56227.86	56229.03516	56210.91057	56209.35938	503921.8	5411291.7
L3920.0	503921.8	5411290.4	77842.39844	319.43	0	48.854568	-86.946537	56225.44	56246.9	3.12	56228.56	56229.71875	56209.09061	56207.52734	503921.8	5411290.4
L3920.0	503921.8	5411290.4	77842.50000	317.56	0	48.854568	-86.946537	56226.25	56246.9	3.13	56229.38	56230.51953	56210.23030	56208.66016	503921.8	5411290.4
L3920.0	503921.8	5411288.7	77842.60156	317.78	0	48.854553	-86.946537	56226.91	56246.9	3.13	56230.04	56231.16016	56207.32463	56205.74609	503921.8	5411288.7
L3920.0	503921.8	5411286.9	77842.70313	317.88	0	48.854537	-86.946537	56227.64	56246.9	3.13	56230.77	56231.86719	56206.13175	56204.54297	503921.8	5411286.9
L3920.0	503921.8	5411286.9	77842.79688	317.88	0	48.854537	-86.946537	56228.81	56246.9	3.13	56231.94	56233.01953	56215.68812	56214.08594	503921.8	5411286.9
L3920.0	503921.7	5411285.3	77842.89844	317.52	0	48.854522	-86.946538	56229.68	56246.9	3.13	56232.81	56233.87109	56217.76028	56216.14844	503921.7	5411285.3
L3920.0	503921.7	5411283.5	77843.00000	317.40	0	48.854506	-86.946539	56230.48	56246.9	3.13	56233.61	56234.64844	56218.06124	56216.44141	503921.7	5411283.5
L3920.0	503921.7	5411283.5	77843.10156	315.58	0	48.854506	-86.946539	56231.08	56246.9	3.13	56234.21	56235.23047	56213.48742	56211.85547	503921.7	5411283.5
L3920.0	503921.7	5411282.4	77843.20313	315.58	0	48.854496	-86.946539	56232.13	56246.9	3.13	56235.25	56236.25000	56219.46684	56217.82422	503921.7	5411282.4
L3920.0	503921.6	5411280.9	77843.29688	313.41	0	48.854483	-86.946539	56232.74	56246.9	3.13	56235.87	56236.85156	56215.30214	56213.64844	503921.6	5411280.9
L3920.0	503921.6	5411280.9	77843.39844	311.90	0	48.854483	-86.946539	56233.89	56246.9	3.13	56237.01	56237.97266	56223.56384	56221.89844	503921.6	5411280.9
L3920.0	503921.6	5411279.0	77843.50000	313.37	0	48.854466	-86.946540	56234.73	56246.9	3.13	56237.85	56238.79297	56224.60350	56222.92578	503921.6	5411279.0
L3920.0	503921.6	5411277.5	77843.60156	311.67	0	48.854452	-86.946540	56235.77	56246.9	3.12	56238.89	56239.81250	56230.43031	56228.74219	503921.6	5411277.5
L3920.0	503921.6	5411276.3	77843.70313	313.22	0	48.854442	-86.946540	56236.62	56246.9	3.12	56239.74	56240.64063	56231.69792	56230.00000	503921.6	5411276.3
L3920.0	503921.6	5411276.3	77843.79688	312.46	0	48.854442	-86.946540	56237.61	56246.9	3.12	56240.74	56241.62109	56236.60795	56234.89844	503921.6	5411276.3
L3920.0	503921.5	5411274.5	77843.89844	316.11	0	48.854425	-86.946540	56238.27	56246.9	3.12	56241.39	56242.25391	56233.04799	56231.32422	503921.5	5411274.5
L3920.0	503921.5	5411273.1	77844.00000	316.70	0	48.854413	-86.946541	56238.97	56246.9	3.12	56242.09	56242.93359	56230.68286	56228.94922	503921.5	5411273.1
L3920.0	503921.5	5411273.1	77844.10156	318.98	0	48.854413	-86.946541	56239.94	56246.9	3.12	56243.06	56243.88281	56234.97677	56233.23047	503921.5	5411273.1
L3920.0	503921.5	5411271.5	77844.20313	318.98	0	48.854398	-86.946541	56240.63	56246.9	3.13	56243.75	56244.55469	56232.39319	56230.63672	503921.5	5411271.5
L3920.0	503921.5	5411270.1	77844.20313	320.70	0	48.854385	-86.946541	56241.75	56246.9	3.13	56244.88	56245.66797	56240.84991	56239.07813	503921.5	5411270.1
L3920.0	503921.5	5411270.1	77844.29688	318.35	0	48.854385	-86.946541	56242.41	56246.9	3.13	56245.55	56246.31641	56237.85699	56236.07422	503921.5	5411270.1
L3920.0	503921.5	5411268.4	77844.50000	318.86	0	48.854370	-86.946541	56243.36	56246.9	3.14	56246.50	56247.25000	56242.00677	56240.21484	503921.5	5411268.4
L3920.0	503921.5	5411267.1	77844.60156	319.63	0	48.854358	-86.946541	56243.96	56246.9	3.14	56247.11	56247.83984	56237.57183	56235.76563	503921.5	5411267.1
L3920.0	503921.5	5411267.1	77844.70313	319.63	0	48.854358	-86.946541	56244.84	56246.9	3.15	56247.99	56248.69922	56240.11698	56238.30078	503921.5	5411267.1
L3920.0	503921.4	5411265.5	77844.79688	320.12	0	48.854344	-86.946542	56245.68	56246.8	3.15	56248.83	56249.52344	56241.74128	56239.91016	503921.4	5411265.5
L3920.0	503921.4	5411264.1	77844.89844	319.74	0	48.854332	-86.946542	56246.59	56246.8	3.16	56249.75	56250.42578	56246.53160	56244.68750	503921.4	5411264.1
L3920.0	503921.4	5411264.1	77845.00000	319.45	0	48.854332	-86.946542	56247.33	56246.8	3.16	56250.49	56251.14453	56246.41538	56244.55859	503921.4	5411264.1
L3920.0	503921.4	5411262.7	77845.10156	318.02	0	48.854319	-86.946543	56248.11	56246.8	3.16	56251.26	56251.89844	56246.90976	56245.04297	503921.4	5411262.7
L3920.0	503921.4	5411260.9	77845.20313	318.02	0	48.854303	-86.946543	56248.99	56246.8	3.16	56252.15	56252.76953	56248.31148	56246.43359	503921.4	5411260.9
L3920.0	503921.3	5411259.4	77845.29688	316.98	0	48.854290	-86.946543	56249.69	56246.8	3.15	56252.85	56253.45313	56246.88303	56244.98828	503921.3	5411259.4
L3920.0	503921.3	5411258.2	77845.39844	315.17	0	48.854278	-86.946544	56250.37	56246.8	3.15	56253.52	56254.10547	56244.83078	56242.92578	503921.3	5411258.2
L3920.0	503921.3	5411258.2	77845.50000	313.83	0	48.854278	-86.946544	56251.09	56246.8	3.15	56254.24	56254.80859	56244.21397	56242.29688	503921.3	5411258.2
L3920.0	503921.3	5411256.3	77845.60156	315.53	0	48.854261	-86.946544	56251.90	56246.9	3.15	56255.05	56255.60156	56246.01560	56244.08594	503921.3	5411256.3
L3920.0	503921.3	5411256.3	77845.70313	315.53	0	48.854261	-86.946544	56252.78	56246.9	3.15	56255.92	56256.45313	56249.42139	56247.48047	503921.3	5411256.3
L3920.0	503921.3	5411254.6	77845.79688	316.46	0	48.854246	-86.946545	56253.64	56246.9	3.14	56256.79	56257.30859	56252.89572	56250.94141	503921.3	5411254.6
L3920.0	503921.2	5411252.7	77845.89844	316.13	0	48.854229	-86.946545	56254.48	56246.9	3.14	56257.62	56258.12109	56255.45181	56253.48438	503921.2	5411252.7
L3920.0	503921.2	5411252.7	77846.00000	316.53	0	48.854229	-86.946545	56255.07	56246.9	3.14	56258.21	56258.69531	56252.28195	56250.30469	503921.2	5411252.7
L3920.0	503921.2	5411251.4	77846.10156	316.86	0	48.854217	-86.946545	56255.83	56246.9	3.14	56258.97	56259.43750	56253.37385	56251.38281	503921.2	5411251.4
L3920.0	503921.2	5411250.1	77846.20313	316.86	0	48.854205	-86.946545	56256.55	56246.9	3.14	56259.69	56260.14453	56253.62324	56251.62109	503921.2	5411250.1
L3920.0	503921.2	5411248.4	77846.20313	316.70	0	48.854190	-86.946546	56257.44	56246.9	3.14	56260.58	56261.01563	56257.96406	56255.94922	503921.2	5411248.4
L3920.0	503921.2	5411248.4	77846.39844	316.49	0	48.854190	-86.946546	56258.31	56246.9	3.14	56261.45	56261.87109	56261.86896	56259.84375	503921.2	5411248.4
L3920.0	503921.1	5411246.5	77846.50000	315.09	0	48.854174	-86.946546	56259.18	56246.9	3.14	56262.32	56262.72656	56265.81005	56263.77344	503921.1	5411246.5
L3920.0	503921.1	5411245.2	77846.60156	315.01	0	48.854162	-86.946547	56259.89	56246.9	3.14	56263.03	56263.42188	56266.16488	56264.11719	503921.1	5411245.2
L3920.0	503921.1	5411245.2	77846.70313	315.16	0	48.854162	-86.946547	56260.73	56246.9	3.14	56263.87	56264.24609	56269.54491	56267.48438	503921.1	5411245.2
L3920.0	503921.1	5411243.8	77846.79688	315.90	0	48.854149	-86.946547	56261.25	56246.9	3.14	56264.39	56264.75391	56265.85536	56263.78516	503921.1	5411243.8
L3920.0	503921.1	5411242.5	77846.89844	314.00	0	48.854137	-86.946547	56261.95	56246.9	3.14	56265.09	56265.44141	56266.30625	56264.22656	503921.1	5411242.5
L3920.0	503921.1	5411242.5	77847.00000	314.06	0	48.854137	-86.946547	56262.63	56246.9	3.14	56265.76	56266.09766	56266.19376	56264.10156	503921.1	5411242.5
L3920.0	503921.1	5411240.8	77847.10156	311.71	0	48.854122	-86.946547	56263.16	56246.9	3.14	56266.30	56266.62109	56263.34008	56261.23828	503921.1	5411240.8
L3920.0	503921.0	5411239.5	77847.20313	311.71	0	48.854111	-86.946548	56263.70	56246.9	3.14	56266.84	56267.14844	56260.60460	56258.49219	503921.0	5411239.5
L3920.0	503921.0	5411238.4	77847.29688	311.37	0	48.854101	-86.946548	56264.54	56246.9	3.14	56267.67	56267.96484	56264.26014	56262.13672	503921.0	5411238.4
L3920.0	503921.0	5411238.4	77847.39844	310.95	0	48.854101	-86.946548	56265.28	56246.9	3.14	56268.41	56268.69531	56266.03220	56263.89844	503921.0	5411238.4
L3920.0	503921.0	5411236.9	77847.50000	310.81	0	48.854087	-86.946548	56265.86	56246.9	3.14	56269.00	56269.27344	56264.64067	56262.50000	503921.0	5411236.9
L3920.0	503921.0	5411235.5	77847.60156	310.81	0	48.854074	-86.946548	56266.68	56246.9	3.13	56269.81	56270.07031	56268.07630	56265.92578	503921.0	5411235.5
L3920.0	503921.0	5411235.5	77847.70313	314.96	0	48.854074	-86.946548	56267.30	56246.9	3.13	56270.43	56270.67578	56267.48639	56265.32422	503921.0	5411235.5
L3920.0	503921.0	5411233.7	77847.79688	314.91	0	48.854058	-86.946549	56267.93	56246.9	3.13	56271.07	56271.30469	56267.40070	56265.23047	503921.0	5411233.7
L3920.0	503920.9	5411232.2	77847.89844	315.97	0	48.854044	-86.946549	56268.70	56246.9	3.13	56271.83	56272.05469	56269.99283	56267.81250	503920.9	5411232.2
L3920.0	503920.9	5411230.7	77848.00000	315.97	0	48.854031	-86.946550	56269.23	56246.9	3.13	56272.36	56272.57422	56267.65616	56265.46875	503920.9	5411230.7
L3920.0	503920.9	5411230.7	77848.10156	315.13	0	48.854031	-86.946550	56270.07	56246.9	3.13	56273.20	56273.40234	56272.16979	56269.97656	503920.9	5411230.7
L3920.0	503920.9	5411229.3	77848.20313	314.85	0	48.854019	-86.946550	56270.54	56246.9	3.14	56273.67	56273.86328	56268.63324	56266.42969	503920.9	5411229.3
L3920.0	503920.9	5411229.3	77848.20313	313.65	0	48.854019	-86.946550	56271.53	56246.9	3.14	56274.67	56274.85156	56276.91403	56274.70313	503920.9	5411229.3
L3920.0	503920.9	5411227.7	77848.39844	315.21	0	48.854004	-86.946550	56271.68	56246.9	3.14	56274.83	56275.00391	56266.55071	56264.33203	503920.9	5411227.7
L3920.0	503920.8	5411225.9	77848.50000	316.03	0	48.853988	-86.946551	56272.45	56246.9	3.15	56275.59	56275.75391	56269.66243	56267.43750	503920.8	5411225.9
L3920.0	503920.8	5411224.7	77848.60156	316.03	0	48.853977	-86.946551	56273.34	56246.9	3.15	56276.49	56276.64453	56276.09303	56273.85938	503920.8	5411224.7
L3920.0	503920.8	5411224.7	77848.70313	314.09	0	48.853977	-86.946551	56274.18	56246.8	3.15	56277.33	56277.47266	56281.32878	56279.08984	503920.8	5411224.7
L3920.0	503920.8	5411223.1	77848.79688	315.85	0	48.853963	-86.946551	56274.92	56246.8	3.15	56278.08	56278.21484	56284.64299	56282.39453	503920.8	5411223.1
L3920.0	503920.8	5411221.3	77848.89844	316.62	0	48.853947	-86.946551	56275.36	56246.8	3.16	56278.51	56278.63672	56280.61865	56278.36719	503920.8	5411221.3
L3920.0	503920.8	5411219.6	77849.00000	316.62	0	48.853931	-86.946551	56276.08	56246.8	3.16	56279.24	56279.35938	56283.67290	56281.41406	503920.8	5411219.6
L3920.0	503920.8	5411219.6	77849.10156	313.87	0	48.853931	-86.946551	56276.51	56246.8	3.16	56279.67	56279.78125	56279.76022	56277.49609	503920.8	5411219.6
L3920.0	503920.8	5411218.3	77849.20313	313.63	0	48.853919	-86.946551	56277.53	56246.8	3.16	56280.69	56280.79297	56289.92001	56287.65234	503920.8	5411218.3
L3920.0	503920.8	5411216.6	77849.29688	315.82	0	48.853904	-86.946551	56277.61	56246.8	3.16	56280.76	56280.85547	56277.59068	56275.31641	503920.8	5411216.6

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L3920.0	503920.8	5411215.1	77849.39844	316.81	0	48.853891	-86.946551	56278.46	56246.8	3.16	56281.62	56281.70703	56284.18997	56281.91016	503920.8	5411215.1
L3920.0	503920.8	5411215.1	77849.50000	316.81	0	48.853891	-86.946551	56278.66	56246.8	3.15	56281.81	56281.89063	56274.84947	56272.56641	503920.8	5411215.1
L3920.0	503920.8	5411213.5	77849.60156	317.29	0	48.853877	-86.946551	56279.65	56246.8	3.15	56282.80	56282.87500	56284.81613	56282.52734	503920.8	5411213.5
L3920.0	503920.8	5411212.3	77849.70313	317.29	0	48.853865	-86.946552	56280.31	56246.8	3.15	56283.46	56283.52734	56286.97737	56284.68359	503920.8	5411212.3
L3920.0	503920.8	5411212.3	77849.79688	318.84	0	48.853865	-86.946552	56280.97	56246.8	3.15	56284.12	56284.17969	56289.25141	56286.95313	503920.8	5411212.3
L3920.0	503920.8	5411210.6	77849.89844	318.84	0	48.853850	-86.946552	56281.84	56246.8	3.15	56284.99	56285.04297	56296.68180	56294.38281	503920.8	5411210.6
L3920.0	503920.7	5411209.0	77850.00000	316.53	0	48.853836	-86.946552	56281.68	56246.8	3.15	56284.83	56284.87891	56279.49577	56277.19141	503920.7	5411209.0
L3920.0	503920.7	5411207.4	77850.10156	316.41	0	48.853821	-86.946552	56282.71	56246.8	3.15	56285.86	56285.90234	56290.98510	56288.67969	503920.7	5411207.4
L3920.0	503920.7	5411207.4	77850.20313	316.41	0	48.853821	-86.946552	56282.43	56246.8	3.15	56285.58	56285.61719	56271.25435	56268.94531	503920.7	5411207.4
L3920.0	503920.7	5411206.2	77850.20313	316.68	0	48.853811	-86.946552	56283.90	56246.8	3.15	56287.05	56287.08203	56293.43648	56291.12500	503920.7	5411206.2
L3920.0	503920.7	5411206.2	77850.39844	315.82	0	48.853811	-86.946552	56284.32	56246.8	3.15	56287.47	56287.49609	56290.67798	56288.36328	503920.7	5411206.2
L3920.0	503920.7	5411204.6	77850.50000	316.05	0	48.853796	-86.946552	56285.46	56246.8	3.15	56288.62	56288.64063	56305.33328	56303.01563	503920.7	5411204.6
L3920.0	503920.7	5411203.0	77850.60156	316.76	0	48.853782	-86.946552	56285.70	56246.8	3.16	56288.85	56288.86719	56298.31516	56295.99609	503920.7	5411203.0
L3920.0	503920.7	5411201.8	77850.70313	314.98	0	48.853771	-86.946552	56286.23	56246.8	3.16	56289.38	56289.39063	56298.51656	56296.19531	503920.7	5411201.8
L3920.0	503920.7	5411201.8	77850.79688	314.20	0	48.853771	-86.946552	56286.89	56246.8	3.16	56290.05	56290.05859	56302.11339	56299.78906	503920.7	5411201.8
L3920.0	503920.8	5411200.2	77850.89844	314.16	0	48.853757	-86.946552	56287.00	56246.8	3.16	56290.16	56290.16406	56292.75193	56290.42578	503920.8	5411200.2
L3920.0	503920.8	5411198.4	77851.00000	314.47	0	48.853741	-86.946552	56287.78	56246.8	3.16	56290.94	56290.93750	56299.13813	56296.81250	503920.8	5411198.4
L3920.0	503920.8	5411197.0	77851.10156	315.12	0	48.853728	-86.946552	56287.64	56246.8	3.16	56290.80	56290.79688	56284.31096	56281.98438	503920.8	5411197.0
L3920.0	503920.8	5411197.0	77851.20313	315.06	0	48.853728	-86.946552	56288.58	56246.8	3.16	56291.74	56291.73047	56294.60537	56292.27734	503920.8	5411197.0
L3920.0	503920.8	5411195.4	77851.29688	316.93	0	48.853713	-86.946552	56288.86	56246.8	3.16	56292.02	56292.00781	56289.77493	56287.44531	503920.8	5411195.4
L3920.0	503920.8	5411194.0	77851.39844	316.00	0	48.853701	-86.946551	56289.88	56246.8	3.16	56293.04	56293.02344	56302.05359	56299.72266	503920.8	5411194.0
L3920.0	503920.8	5411192.4	77851.50000	313.71	0	48.853686	-86.946551	56290.16	56246.8	3.15	56293.32	56293.30078	56297.45223	56295.11719	503920.8	5411192.4
L3920.0	503920.8	5411192.4	77851.60156	313.02	0	48.853686	-86.946551	56290.77	56246.8	3.15	56293.93	56293.91016	56300.51768	56298.18359	503920.8	5411192.4
L3920.0	503920.8	5411192.4	77851.70313	312.77	0	48.853686	-86.946551	56291.20	56246.8	3.15	56294.35	56294.32422	56299.34521	56297.01172	503920.8	5411192.4
L3920.0	503920.8	5411190.5	77851.79688	314.22	0	48.853670	-86.946551	56291.13	56246.8	3.15	56294.29	56294.26172	56287.32476	56284.98828	503920.8	5411190.5
L3920.0	503920.8	5411188.8	77851.89844	314.92	0	48.853654	-86.946551	56291.89	56246.8	3.15	56295.05	56295.01953	56294.11806	56291.78125	503920.8	5411188.8
L3920.0	503920.8	5411187.6	77852.00000	315.87	0	48.853644	-86.946551	56291.95	56246.8	3.15	56295.10	56295.06641	56284.79773	56282.46094	503920.8	5411187.6
L3920.0	503920.8	5411186.0	77852.10156	314.81	0	48.853629	-86.946551	56293.27	56246.8	3.15	56296.42	56296.38672	56304.58449	56302.24609	503920.8	5411186.0
L3920.0	503920.8	5411186.0	77852.20313	315.39	0	48.853629	-86.946551	56293.38	56246.8	3.15	56296.53	56296.49219	56296.81378	56294.47656	503920.8	5411186.0
L3920.0	503920.8	5411184.3	77852.20313	315.64	0	48.853614	-86.946551	56294.55	56246.8	3.15	56297.70	56297.66016	56313.41779	56311.07813	503920.8	5411184.3
L3920.0	503920.8	5411183.0	77852.39844	314.08	0	48.853602	-86.946551	56294.55	56246.8	3.15	56297.70	56297.66016	56303.28942	56300.94922	503920.8	5411183.0
L3920.0	503920.8	5411183.0	77852.50000	315.12	0	48.853602	-86.946551	56295.01	56246.8	3.15	56298.16	56298.11719	56303.79943	56301.46094	503920.8	5411183.0
L3920.0	503920.9	5411181.2	77852.60156	315.11	0	48.853586	-86.946551	56295.18	56246.8	3.15	56298.33	56298.28516	56297.69907	56295.35938	503920.9	5411181.2
L3920.0	503920.9	5411181.2	77852.70313	314.80	0	48.853586	-86.946551	56295.55	56246.8	3.15	56298.70	56298.65234	56296.27922	56293.94141	503920.9	5411181.2
L3920.0	503920.9	5411179.6	77852.79688	314.80	0	48.853571	-86.946551	56296.49	56246.8	3.15	56299.64	56299.58984	56308.17140	56305.83203	503920.9	5411179.6
L3920.0	503920.9	5411178.3	77852.89844	316.56	0	48.853560	-86.946550	56296.51	56246.8	3.15	56299.66	56299.60938	56298.77865	56296.44141	503920.9	5411178.3
L3920.0	503920.9	5411176.8	77853.00000	316.56	0	48.853546	-86.946550	56297.58	56246.8	3.15	56300.73	56300.67969	56313.94224	56311.60547	503920.9	5411176.8
L3920.0	503920.9	5411176.8	77853.10156	317.30	0	48.853546	-86.946550	56297.61	56246.8	3.15	56300.76	56300.70703	56304.89873	56302.56250	503920.9	5411176.8
L3920.0	503920.9	5411175.1	77853.20313	317.52	0	48.853531	-86.946550	56298.28	56246.8	3.15	56301.43	56301.37500	56310.91992	56308.58203	503920.9	5411175.1
L3920.0	503920.9	5411173.7	77853.29688	318.19	0	48.853519	-86.946550	56298.07	56246.8	3.16	56301.22	56301.16406	56296.30337	56293.96484	503920.9	5411173.7
L3920.0	503921.0	5411172.4	77853.39844	315.25	0	48.853507	-86.946549	56298.96	56246.8	3.16	56302.12	56302.06250	56307.91661	56305.57813	503921.0	5411172.4
L3920.0	503921.0	5411172.4	77853.50000	315.25	0	48.853507	-86.946549	56299.44	56246.8	3.16	56302.60	56302.54297	56309.70645	56307.37109	503921.0	5411172.4
L3920.0	503921.0	5411170.8	77853.60156	314.86	0	48.853492	-86.946549	56299.84	56246.8	3.16	56303.00	56302.94141	56309.67239	56307.33594	503921.0	5411170.8
L3920.0	503921.0	5411169.6	77853.70313	315.87	0	48.853482	-86.946549	56300.25	56246.8	3.16	56303.41	56303.35156	56309.94142	56307.60547	503921.0	5411169.6
L3920.0	503921.0	5411169.6	77853.79688	315.30	0	48.853482	-86.946549	56300.16	56246.8	3.17	56303.33	56303.26953	56298.63298	56296.30078	503921.0	5411169.6
L3920.0	503921.0	5411167.9	77853.89844	317.19	0	48.853466	-86.946549	56300.85	56246.8	3.17	56304.02	56303.95703	56305.68565	56303.35156	503921.0	5411167.9
L3920.0	503921.0	5411166.3	77854.00000	317.54	0	48.853451	-86.946548	56300.70	56246.8	3.17	56303.87	56303.80859	56292.88277	56290.55078	503921.0	5411166.3
L3920.0	503921.0	5411166.3	77854.10156	316.60	0	48.853451	-86.946548	56301.75	56246.8	3.17	56304.92	56304.85547	56308.57341	56306.24219	503921.0	5411166.3
L3920.0	503921.1	5411164.7	77854.20313	313.42	0	48.853437	-86.946548	56301.87	56246.8	3.17	56305.03	56304.96484	56302.09719	56299.76563	503921.1	5411164.7
L3920.0	503921.1	5411163.3	77854.20313	314.62	0	48.853425	-86.946548	56302.87	56246.8	3.17	56306.03	56305.96484	56316.60261	56314.27344	503921.1	5411163.3
L3920.0	503921.1	5411161.5	77854.29688	316.85	0	48.853409	-86.946547	56302.95	56246.8	3.17	56306.11	56306.04297	56309.57488	56307.24609	503921.1	5411161.5
L3920.0	503921.1	5411161.5	77854.50000	318.21	0	48.853409	-86.946547	56303.48	56246.8	3.17	56306.64	56306.57422	56313.11865	56310.79297	503921.1	5411161.5
L3920.0	503921.1	5411159.9	77854.60156	318.21	0	48.853394	-86.946547	56303.79	56246.8	3.16	56306.96	56306.89453	56311.84321	56309.51953	503921.1	5411159.9
L3920.0	503921.2	5411158.6	77854.70313	317.65	0	48.853382	-86.946547	56304.40	56246.8	3.16	56307.56	56307.49219	56317.05946	56314.73828	503921.2	5411158.6
L3920.0	503921.2	5411158.6	77854.79688	317.98	0	48.853382	-86.946547	56305.24	56246.8	3.16	56308.40	56308.33203	56327.74708	56325.42578	503921.2	5411158.6
L3920.0	503921.2	5411157.3	77854.89844	315.12	0	48.853371	-86.946547	56305.07	56246.8	3.16	56308.23	56308.16016	56315.49362	56313.17578	503921.2	5411157.3
L3920.0	503921.2	5411155.9	77855.00000	314.33	0	48.853359	-86.946547	56305.65	56246.8	3.16	56308.81	56308.74219	56320.34436	56318.02734	503921.2	5411155.9
L3920.0	503921.2	5411154.3	77855.10156	314.33	0	48.853344	-86.946547	56305.72	56246.8	3.16	56308.88	56308.80859	56313.74725	56311.43359	503921.2	5411154.3
L3920.0	503921.2	5411154.3	77855.20313	310.23	0	48.853344	-86.946547	56306.22	56246.8	3.16	56309.38	56309.30859	56316.89239	56314.58203	503921.2	5411154.3
L3920.0	503921.2	5411152.8	77855.29688	309.73	0	48.853330	-86.946546	56305.98	56246.8	3.15	56309.13	56309.05859	56303.28499	56300.97656	503921.2	5411152.8
L3920.0	503921.2	5411151.4	77855.39844	309.85	0	48.853318	-86.946546	56306.90	56246.8	3.15	56310.05	56309.98047	56315.92650	56313.62109	503921.2	5411151.4
L3920.0	503921.2	5411149.8	77855.50000	313.73	0	48.853304	-86.946546	56307.46	56246.8	3.15	56310.61	56310.53906	56320.54801	56318.24219	503921.2	5411149.8
L3920.0	503921.2	5411149.8	77855.60156	314.26	0	48.853304	-86.946546	56307.69	56246.9	3.15	56310.84	56310.76953	56317.84146	56315.53906	503921.2	5411149.8
L3920.0	503921.2	5411148.7	77855.70313	313.50	0	48.853293	-86.946546	56307.62	56246.9	3.15	56310.77	56310.69922	56308.46835	56306.17188	503921.2	5411148.7
L3920.0	503921.2	5411147.1	77855.79688	313.85	0	48.853279	-86.946546	56307.75	56246.9	3.14	56310.89	56310.81641	56303.36798	56301.07422	503921.2	5411147.1
L3920.0	503921.2	5411147.1	77855.89844	313.80	0	48.853279	-86.946546	56308.64	56246.9	3.14	56311.78	56311.70703	56315.56175	56313.26953	503921.2	5411147.1
L3920.0	503921.2	5411145.4	77856.00000	313.88	0	48.853263	-86.946546	56308.74	56246.9	3.14	56311.88	56311.80469	56310.07732	56307.78906	503921.2	5411145.4
L3920.0	503921.2	5411144.0	77856.10156	314.08	0	48.853251	-86.946546	56309.50	56246.9	3.14	56312.65	56312.57422	56319.70407	56317.42188	503921.2	5411144.0
L3920.0	503921.2	5411144.0	77856.20313	314.66	0	48.853251	-86.946546	56309.78	56246.9	3.14	56312.93	56312.85547	56318.34057	56316.06250	503921.2	5411144.0
L3920.0	503921.3	5411142.3	77856.20313	316.64	0	48.853236	-86.946546	56310.12	56246.9	3.14	56313.26	56313.18359	56318.13573	56315.85938	503921.3	5411142.3
L3920.0	503921.3	5411140.8	77856.39844	316.01	0	48.853223	-86.946545	56310.09	56246.9	3.15	56313.23	56313.15625	56309.76875	56307.49609	503921.3	5411140.8
L3920.0	503921.3	5411140.8	77856.50000	317.19	0	48.853223	-86.946545	56310.63	56246.8	3.15	56313.78	56313.70313	56314.61785	56312.35156	503921.3	5411140.8
L3920.0	503921.3	5411139.2	77856.60156	318.23	0	48.853208	-86.946545	56311.09	56246.8	3.15	56314.24	56314.16406	56317.46679	56315.20313	503921.3	5411139.2
L3920.0	503921.3	5411137.8	77856.70313	316.55	0	48.853196	-86.946545	56311.44	56246.8	3.15	56314.60	56314.52344	56318.06351	56315.80469	503921.3	5411137.8
L3920.0	503921.3	5411137.8	77856.79688	316.55	0	48.853196	-86.946545	56312.00	56246.8	3.16	56315.16	56315.08203	56323.29959	56321.04688	503921.3	5411137.8
L3920.0	503921.3	5411135.9	77856.89844	314.86	0	48.853179	-86.946545	56312.23	56246.8	3.16	56315.39	56315.31250	56320.96255	56318.71484	503921.3	5411135.9
L3920.0	503921.4	5411134.7	77857.00000	314.86	0	48.853167	-86.946544	56312.70	56246.8	3.16	56315.86	56315.78125	56324.19404	56321.94922	503921.4	5411134.7
L3920.0	503921.4	5411134.7	77857.10156	313.15	0	48.853167	-86.946544	56312.34	56246.8	3.16	56315.50	56315.42188	56308.22995	56305.99219	503921.4	5411134.7
L3920.0	503921.4	5411132.9	77857.20313	314.91	0	48.853151	-86.946544	56312.87	56246.8	3.16	56316.03	56315.94922	56312.89936	56310.66797	503921.4	5411132.9
L3920.0	503921.4	5411131.5	77857.29688	312.55	0	48.853139	-86.946544	56313.18	56246.8	3.16	56316.34	56316.25781	56312.50070	56310.27344	503921.4	5411131.5
L3920.0	503921.4	5411131.5	77857.39844	313.87	0	48.853139	-86.946544	56314.20	56246.8	3.16	56317.36	56317.27734	56328.60080	56326.37891	503921.4	5411131.5
L3920.0	503921.5	5411129.6	77857.50000	314.42	0	48.853121	-86.946543	56314.54	56246.8	3.16	56317.70	56317.61719	56328.95415	56326.73828	503921.5	5411129.6
L3920.0	503921.5	5411128.2	77857.60156	315.58	0	48.853109	-86.946543	56314.73	56246.8	3.16	56317.89	56317.80859	56325.85751	56323.64844	503921.5	5411128.2
L3920.0	503921.5	5411126.5	77857.70313	318.37	0	48.853094	-86.946542	56315.04	56246.8	3.16	56318.20	56318.11719	56325.57477	56323.37109	503921.5	5411126.5
L3920.0	503921.5	5411126.5	77857.79688	316.24	0	48.853094	-86.946542	56315.17	56246.8	3.16	56318.33	56318.24609	56321.14340	56318.94531	503921.5	5411126.5
L3920.0	503921.6	5411124.7	77857.89844	316.56	0	48.853078	-86.946542	56315.28	56246.8	3.16	56318.44	56318.35547	56316.26470	56314.07031	503921.6	5411124.7
L3920.0	503921.6	5411123.6	77858.00000	316.81	0	48.853068	-86.946541	56315.60	56246.8	3.16	56318.76	56318.67188	56316.28766	56314.09766	503921.6	5411123.6
L3920.0	503921.6	5411123.6	77858.10156	313.74	0	48.853068	-86.946541	56316.20	56246.8	3.16	56319.35	56319.26172	56322.65628	56320.47266	503921.6	5411123.6
L3920.0	503921.6	5411122.2	77858.20313	315.18	0	48.853055	-86.946541	56316.39	56246.8	3.16	56319.55	56319.46094	56319.93368	56317.75781	503921.6	5411122.2
L3920.0	503921.6	5411120.5	77858.20313	314.43	0	48.853039	-86.946541	56317.11	56246.8	3.16	56320.27	56320.17969	56329.51150	56327.33984	503921.6	5411120.5
L3920.0	503921.6	5411120.5	77858.39844	317.70	0	48.853039	-86.946541	56317.63	56246.8	3.16	56320.79	56320.69922	56334.47809	56332.31250	503921.6	5411120.5
L3920.0	503921.7	5411118.8	77858.50000	317.05	0	48.853025	-86.946540	56317.98	56246.8	3.16	56321.13	56321.03906	56335.22951	56333.07031	503921.7	5411118.8
L3920.0	503921.7	5411117.5	77858.60156	315.95	0	48.853013	-86.946540	56318.31	56246.8	3.15	56321.46	56321.36719	56335.78078	56333.62500	503921.7	5411117.5

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L3920.0	503921.7	5411117.5	77858.70313	315.95	0	48.853013	-86.946540	56318.28	56246.8	3.15	56321.43	56321.33594	56327.59763	56325.44922	503921.7	5411117.5
L3920.0	503921.7	5411115.6	77858.79688	315.85	0	48.852996	-86.946540	56318.67	56246.8	3.15	56321.82	56321.72266	56329.62318	56327.48047	503921.7	5411115.6
L3920.0	503921.7	5411114.3	77858.89844	316.50	0	48.852984	-86.946539	56318.76	56246.8	3.15	56321.91	56321.81250	56324.28093	56322.14063	503921.7	5411114.3
L3920.0	503921.7	5411114.3	77859.00000	317.22	0	48.852984	-86.946539	56319.62	56246.8	3.15	56322.77	56322.67188	56338.07483	56335.94141	503921.7	5411114.3
L3920.0	503921.8	5411112.9	77859.10156	315.67	0	48.852971	-86.946539	56319.82	56246.8	3.15	56322.97	56322.87109	56335.52006	56333.39063	503921.8	5411112.9
L3920.0	503921.8	5411111.5	77859.20313	315.60	0	48.852959	-86.946539	56319.99	56246.8	3.15	56323.15	56323.04688	56332.44514	56330.32422	503921.8	5411111.5
L3920.0	503921.8	5411110.2	77859.29688	318.11	0	48.852947	-86.946538	56320.04	56246.8	3.16	56323.20	56323.09766	56326.05869	56323.94141	503921.8	5411110.2
L3920.0	503921.8	5411108.8	77859.39844	317.44	0	48.852934	-86.946538	56320.32	56246.8	3.16	56323.48	56323.37500	56325.49803	56323.38281	503921.8	5411108.8
L3920.0	503921.8	5411108.8	77859.50000	320.90	0	48.852934	-86.946538	56320.48	56246.8	3.16	56323.64	56323.53125	56321.90157	56319.78906	503921.8	5411108.8
L3920.0	503921.9	5411107.4	77859.60156	318.76	0	48.852922	-86.946538	56320.84	56246.8	3.16	56324.00	56323.89063	56323.43459	56321.32813	503921.9	5411107.4
L3920.0	503921.9	5411107.4	77859.70313	318.06	0	48.852922	-86.946538	56321.39	56246.8	3.16	56324.56	56324.44922	56330.10777	56328.00781	503921.9	5411107.4
L3920.0	503921.9	5411105.5	77859.79688	317.13	0	48.852905	-86.946537	56321.50	56246.8	3.17	56324.67	56324.55469	56325.32799	56323.23047	503921.9	5411105.5
L3920.0	503921.9	5411104.0	77859.89844	319.06	0	48.852892	-86.946537	56321.70	56246.8	3.17	56324.87	56324.75391	56322.89041	56320.79297	503921.9	5411104.0
L3920.0	503922.0	5411102.7	77860.00000	320.82	0	48.852880	-86.946536	56321.71	56246.8	3.17	56324.88	56324.76172	56315.69362	56313.60156	503922.0	5411102.7
L3920.0	503922.0	5411100.9	77860.10156	318.16	0	48.852864	-86.946536	56322.36	56246.8	3.17	56325.53	56325.40625	56324.74248	56322.65234	503922.0	5411100.9
L3920.0	503922.0	5411100.9	77860.20313	316.98	0	48.852864	-86.946536	56322.93	56246.8	3.17	56326.09	56325.96484	56331.48590	56329.39844	503922.0	5411100.9
L3920.0	503922.0	5411099.3	77860.20313	317.60	0	48.852849	-86.946536	56323.34	56246.8	3.17	56326.51	56326.38281	56334.69939	56332.61328	503922.0	5411099.3
L3920.0	503922.0	5411099.3	77860.39844	317.54	0	48.852849	-86.946536	56323.34	56246.8	3.16	56326.50	56326.37109	56327.25714	56325.17188	503922.0	5411099.3
L3920.0	503922.0	5411097.6	77860.50000	317.28	0	48.852834	-86.946535	56323.62	56246.8	3.16	56326.78	56326.64453	56327.09263	56325.00781	503922.0	5411097.6
L3920.0	503922.1	5411096.1	77860.60156	316.00	0	48.852820	-86.946535	56324.31	56246.8	3.16	56327.46	56327.32422	56336.74400	56334.66406	503922.1	5411096.1
L3920.0	503922.1	5411096.1	77860.70313	316.00	0	48.852820	-86.946535	56324.54	56246.8	3.16	56327.70	56327.55859	56335.63319	56333.55078	503922.1	5411096.1
L3920.0	503922.1	5411094.7	77860.79688	314.47	0	48.852808	-86.946535	56325.15	56246.8	3.15	56328.31	56328.16797	56343.49172	56341.41016	503922.1	5411094.7
L3920.0	503922.1	5411093.2	77860.89844	314.47	0	48.852794	-86.946535	56325.27	56246.8	3.15	56328.42	56328.27344	56339.34221	56337.25781	503922.1	5411093.2
L3920.0	503922.1	5411093.2	77861.00000	314.85	0	48.852794	-86.946535	56326.07	56246.8	3.15	56329.22	56329.07031	56351.69385	56349.60938	503922.1	5411093.2
L3920.0	503922.1	5411091.6	77861.10156	314.29	0	48.852779	-86.946535	56325.61	56246.9	3.15	56328.76	56328.60547	56334.20258	56332.11719	503922.1	5411091.6
L3920.0	503922.1	5411089.8	77861.20313	315.25	0	48.852764	-86.946535	56325.86	56246.9	3.15	56329.01	56328.85156	56333.64134	56331.55469	503922.1	5411089.8
L3920.0	503922.1	5411089.8	77861.29688	314.93	0	48.852764	-86.946535	56325.91	56246.9	3.15	56329.06	56328.89453	56328.45147	56326.36328	503922.1	5411089.8
L3920.0	503922.1	5411088.5	77861.39844	313.08	0	48.852752	-86.946534	56326.18	56246.9	3.15	56329.32	56329.15234	56328.25634	56326.16406	503922.1	5411088.5
L3920.0	503922.1	5411086.9	77861.50000	313.08	0	48.852738	-86.946534	56326.75	56246.9	3.14	56329.90	56329.72656	56335.61119	56333.51563	503922.1	5411086.9
L3920.0	503922.1	5411086.9	77861.60156	313.16	0	48.852738	-86.946534	56326.93	56246.9	3.14	56330.08	56329.90234	56333.65657	56331.55859	503922.1	5411086.9
L3920.0	503922.1	5411084.9	77861.70313	315.36	0	48.852719	-86.946534	56327.57	56246.9	3.14	56330.72	56330.53516	56342.57476	56340.47266	503922.1	5411084.9
L3920.0	503922.1	5411083.5	77861.79688	317.40	0	48.852707	-86.946534	56327.49	56246.9	3.14	56330.63	56330.44141	56334.38822	56332.27734	503922.1	5411083.5
L3920.0	503922.1	5411083.5	77861.89844	317.23	0	48.852707	-86.946534	56328.24	56246.9	3.14	56331.38	56331.18750	56346.11873	56344.00000	503922.1	5411083.5
L3920.0	503922.1	5411082.2	77862.00000	315.19	0	48.852695	-86.946534	56328.21	56246.9	3.14	56331.35	56331.15234	56339.43872	56337.31641	503922.1	5411082.2
L3920.0	503922.1	5411080.6	77862.10156	315.70	0	48.852681	-86.946534	56328.52	56246.9	3.14	56331.66	56331.45313	56340.90342	56338.77344	503922.1	5411080.6
L3920.0	503922.1	5411080.6	77862.20313	315.10	0	48.852681	-86.946534	56328.62	56246.9	3.15	56331.77	56331.55859	56337.62413	56335.48438	503922.1	5411080.6
L3920.0	503922.1	5411078.6	77862.20313	315.40	0	48.852663	-86.946534	56329.06	56246.9	3.15	56332.20	56331.98047	56342.13519	56339.98828	503922.1	5411078.6
L3920.0	503922.1	5411077.0	77862.39844	316.32	0	48.852649	-86.946534	56329.44	56246.8	3.15	56332.59	56332.36719	56345.78004	56343.62109	503922.1	5411077.0
L3920.0	503922.1	5411077.0	77862.50000	316.81	0	48.852649	-86.946534	56329.41	56246.8	3.15	56332.56	56332.32813	56339.22367	56337.05469	503922.1	5411077.0
L3920.0	503922.1	5411075.5	77862.60156	318.17	0	48.852635	-86.946534	56329.51	56246.8	3.16	56332.67	56332.42969	56336.11803	56333.94141	503922.1	5411075.5
L3920.0	503922.1	5411073.9	77862.70313	315.93	0	48.852621	-86.946534	56329.23	56246.8	3.16	56332.39	56332.14453	56323.42677	56321.23828	503922.1	5411073.9
L3920.0	503922.1	5411073.9	77862.79688	317.80	0	48.852621	-86.946534	56330.06	56246.8	3.16	56333.22	56332.96484	56338.20836	56336.00391	503922.1	5411073.9
L3920.0	503922.1	5411072.3	77862.89844	320.01	0	48.852606	-86.946534	56330.53	56246.8	3.17	56333.70	56333.43750	56344.43990	56342.22266	503922.1	5411072.3
L3920.0	503922.2	5411071.0	77863.00000	317.32	0	48.852594	-86.946534	56331.15	56246.8	3.17	56334.32	56334.05078	56354.22382	56351.99219	503922.2	5411071.0
L3920.0	503922.2	5411069.3	77863.10156	317.32	0	48.852580	-86.946534	56330.79	56246.8	3.17	56333.96	56333.68359	56339.73829	56337.49219	503922.2	5411069.3
L3920.0	503922.2	5411069.3	77863.20313	317.45	0	48.852580	-86.946534	56331.10	56246.8	3.17	56334.26	56333.97266	56341.69802	56339.43750	503922.2	5411069.3
L3920.0	503922.2	5411068.0	77863.29688	318.17	0	48.852567	-86.946534	56331.35	56246.8	3.16	56334.52	56334.22266	56342.72366	56340.44531	503922.2	5411068.0
L3920.0	503922.2	5411068.0	77863.39844	315.71	0	48.852567	-86.946534	56331.43	56246.8	3.16	56334.59	56334.28516	56339.09552	56336.79688	503922.2	5411068.0
L3920.0	503922.2	5411066.4	77863.50000	315.60	0	48.852553	-86.946534	56331.81	56246.8	3.16	56334.97	56334.65625	56343.21071	56340.89453	503922.2	5411066.4
L3920.0	503922.2	5411065.1	77863.60156	316.49	0	48.852541	-86.946534	56331.76	56246.8	3.16	56334.92	56334.59375	56336.73983	56334.40625	503922.2	5411065.1
L3920.0	503922.2	5411063.7	77863.70313	316.94	0	48.852528	-86.946534	56332.45	56246.8	3.16	56335.60	56335.26563	56348.36454	56346.01172	503922.2	5411063.7
L3920.0	503922.2	5411063.7	77863.79688	316.22	0	48.852528	-86.946534	56332.34	56246.8	3.15	56335.50	56335.15625	56340.78433	56338.41016	503922.2	5411063.7
L3920.0	503922.2	5411062.3	77863.89844	313.12	0	48.852516	-86.946534	56332.76	56246.8	3.15	56335.91	56335.55469	56345.82885	56343.42969	503922.2	5411062.3
L3920.0	503922.2	5411060.3	77864.00000	312.23	0	48.852498	-86.946534	56332.63	56246.8	3.15	56335.78	56335.41406	56337.64485	56335.22266	503922.2	5411060.3
L3920.0	503922.2	5411060.3	77864.10156	312.31	0	48.852498	-86.946534	56333.14	56246.8	3.15	56336.29	56335.91016	56345.23408	56342.78906	503922.2	5411060.3
L3920.0	503922.2	5411059.0	77864.20313	315.61	0	48.852486	-86.946534	56333.23	56246.8	3.15	56336.39	56336.00000	56342.80732	56340.33594	503922.2	5411059.0
L3920.0	503922.2	5411057.4	77864.20313	315.57	0	48.852472	-86.946534	56333.34	56246.8	3.15	56336.50	56336.09766	56340.67716	56338.17969	503922.2	5411057.4
L3920.0	503922.2	5411056.3	77864.29688	314.66	0	48.852462	-86.946534	56333.68	56246.8	3.16	56336.83	56336.41406	56343.98187	56341.45703	503922.2	5411056.3
L3920.0	503922.2	5411056.3	77864.50000	317.12	0	48.852462	-86.946534	56333.75	56246.8	3.16	56336.91	56336.48047	56341.20853	56338.65625	503922.2	5411056.3
L3920.0	503922.2	5411054.7	77864.60156	315.62	0	48.852448	-86.946534	56334.25	56246.8	3.16	56337.42	56336.97656	56349.01298	56346.42969	503922.2	5411054.7
L3920.0	503922.2	5411053.3	77864.70313	315.62	0	48.852435	-86.946534	56334.14	56246.8	3.16	56337.30	56336.84375	56341.42377	56338.81250	503922.2	5411053.3
L3920.0	503922.2	5411053.3	77864.79688	316.56	0	48.852435	-86.946534	56334.67	56246.8	3.17	56337.83	56337.35938	56349.81747	56347.17578	503922.2	5411053.3
L3920.0	503922.2	5411051.5	77864.89844	316.76	0	48.852419	-86.946534	56334.82	56246.8	3.17	56337.99	56337.50781	56349.18088	56346.50391	503922.2	5411051.5
L3920.0	503922.2	5411049.8	77865.00000	317.20	0	48.852404	-86.946533	56335.23	56246.8	3.17	56338.40	56337.90234	56354.73604	56352.02734	503922.2	5411049.8
L3920.0	503922.2	5411048.8	77865.10156	318.71	0	48.852395	-86.946533	56335.07	56246.8	3.17	56338.24	56337.72656	56346.30356	56343.55859	503922.2	5411048.8
L3920.0	503922.2	5411048.8	77865.20313	319.91	0	48.852395	-86.946533	56335.05	56246.8	3.17	56338.21	56337.67969	56341.09986	56338.32031	503922.2	5411048.8
L3920.0	503922.2	5411047.4	77865.29688	316.95	0	48.852382	-86.946533	56335.39	56246.8	3.16	56338.55	56338.00391	56345.06213	56342.24609	503922.2	5411047.4
L3920.0	503922.2	5411045.8	77865.39844	316.62	0	48.852368	-86.946533	56335.41	56246.8	3.16	56338.57	56338.00781	56341.17142	56338.31641	503922.2	5411045.8
L3920.0	503922.2	5411045.8	77865.50000	317.96	0	48.852368	-86.946533	56335.56	56246.8	3.16	56338.72	56338.14063	56340.53561	56337.64063	503922.2	5411045.8
L3920.0	503922.2	5411044.4	77865.60156	318.60	0	48.852355	-86.946533	56335.41	56246.8	3.16	56338.57	56337.97266	56332.54716	56329.61328	503922.2	5411044.4
L3920.0	503922.3	5411043.1	77865.70313	315.90	0	48.852343	-86.946533	56335.94	56246.8	3.16	56339.09	56338.47656	56341.14129	56338.16797	503922.3	5411043.1
L3920.0	503922.3	5411041.7	77865.79688	315.58	0	48.852331	-86.946533	56336.02	56246.8	3.15	56339.18	56338.54688	56339.18511	56336.17188	503922.3	5411041.7
L3920.0	503922.3	5411041.7	77865.89844	316.63	0	48.852331	-86.946533	56336.51	56246.8	3.15	56339.66	56339.00781	56346.86842	56343.80859	503922.3	5411041.7
L3920.0	503922.3	5411039.8	77866.00000	313.78	0	48.852314	-86.946533	56336.73	56246.8	3.15	56339.88	56339.21094	56348.20517	56345.10156	503922.3	5411039.8
L3920.0	503922.3	5411038.3	77866.10156	315.83	0	48.852300	-86.946533	56336.91	56246.8	3.15	56340.07	56339.38281	56348.86234	56345.71484	503922.3	5411038.3
L3920.0	503922.3	5411037.2	77866.20313	316.67	0	48.852290	-86.946533	56337.09	56246.8	3.16	56340.25	56339.54297	56349.33656	56346.14453	503922.3	5411037.2
L3920.0	503922.3	5411036.0	77866.20313	316.36	0	48.852280	-86.946533	56337.04	56246.8	3.16	56340.20	56339.47266	56344.29430	56341.05469	503922.3	5411036.0
L3920.0	503922.3	5411036.0	77866.39844	316.85	0	48.852280	-86.946533	56337.40	56246.8	3.16	56340.56	56339.81250	56349.27625	56345.98438	503922.3	5411036.0
L3920.0	503922.3	5411034.4	77866.50000	316.92	0	48.852265	-86.946533	56337.35	56246.8	3.17	56340.51	56339.73828	56344.40564	56341.06641	503922.3	5411034.4
L3920.0	503922.3	5411032.8	77866.60156	316.43	0	48.852251	-86.946533	56337.73	56246.8	3.17	56340.89	56340.09766	56350.00442	56346.61328	503922.3	5411032.8
L3920.0	503922.3	5411032.8	77866.70313	313.67	0	48.852251	-86.946533	56337.93	56246.8	3.17	56341.11	56340.29688	56351.81800	56348.37891	503922.3	5411032.8
L3920.0	503922.3	5411031.5	77866.79688	315.93	0	48.852239	-86.946533	56338.27	56246.8	3.17	56341.44	56340.60547	56356.37601	56352.88281	503922.3	5411031.5
L3920.0	503922.3	5411030.4	77866.89844	314.95	0	48.852229	-86.946533	56338.24	56246.8	3.18	56341.42	56340.56250	56352.57500	56349.02734	503922.3	5411030.4
L3920.0	503922.3	5411030.4	77867.00000	314.14	0	48.852229	-86.946533	56338.42	56246.8	3.18	56341.60	56340.71875	56353.69808	56350.09766	503922.3	5411030.4
L3920.0	503922.3	5411029.2	77867.10156	315.13	0	48.852218	-86.946533	56338.49	56246.8	3.18	56341.67	56340.76563	56352.24176	56348.58594	503922.3	5411029.2
L3920.0	503922.3	5411027.4	77867.20313	314.12	0	48.852203	-86.946533	56338.34	56246.8	3.18	56341.52	56340.58984	56345.48056	56341.76953	503922.3	5411027.4
L3920.0	503922.3	5411026.1	77867.29688	316.99	0	48.852191	-86.946533	56338.66	56246.8	3.18	56341.84	56340.88672	56350.29477	56346.52344	503922.3	5411026.1
L3920.0	503922.3	5411026.1	77867.39844	314.91	0	48.852191	-86.946533	56338.57	56246.8	3.18	56341.75	56340.76953	56345.10330	56341.27344	503922.3	5411026.1
L3920.0	503922.3	5411025.0	77867.50000	313.82	0	48.852181	-86.946533	56339.01	56246.8	3.18	56342.19	56341.18359	56353.12794	56349.23828	503922.3	5411025.0
L3920.0	503922.3	5411022.9	77867.60156	316.02	0	48.852162	-86.946532	56339.01	56246.8	3.18	56342.19	56341.16016	56350.30796	56346.35938	503922.3	5411022.9
L3920.0	503922.3	5411021.6	77867.70313	315.91	0	48.852150	-86.946532	56339.52	56246.8	3.18	56342.70	56341.64453	56360.39865	56356.39063	503922.3	5411021.6
L3920.0	503922.3	5411021.6	77867.79688	316.66	0	48.852150	-86.946532	56339.34	56246.8	3.18	56342.52	56341.43750	56353.17087	56349.09766	503922.3	5411021.6
L3920.0	503922.3	5411020.1	77867.89844	315.52	0	48.852137	-86.946532	56339.54	56246.8	3.18	56342.72	56341.60938	56355.63418	56351.50000	503922.3	5411020.1

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L3920.0	503922.4	5411018.5	77868.00000	318.12	0	48.852122	-86.946532	56339.36	56246.8	3.18	56342.54	56341.40234	56348.42737	56344.22656	503922.4	5411018.5
L3920.0	503922.4	5411018.5	77868.10156	318.00	0	48.852122	-86.946532	56339.69	56246.8	3.18	56342.87	56341.70313	56354.38470	56350.12109	503922.4	5411018.5
L3920.0	503922.4	5411016.4	77868.20313	319.13	0	48.852103	-86.946532	56339.80	56246.8	3.19	56342.98	56341.78516	56354.26941	56349.94141	503922.4	5411016.4
L3920.0	503922.4	5411015.2	77868.20313	318.57	0	48.852093	-86.946531	56339.98	56246.8	3.19	56343.16	56341.93750	56355.75368	56351.35938	503922.4	5411015.2
L3920.0	503922.4	5411013.8	77868.39844	319.99	0	48.852080	-86.946531	56340.18	56246.8	3.19	56343.37	56342.11719	56357.82829	56353.36719	503922.4	5411013.8
L3920.0	503922.4	5411013.8	77868.50000	320.02	0	48.852080	-86.946531	56339.95	56246.8	3.19	56343.14	56341.85938	56351.79793	56347.26563	503922.4	5411013.8
L3920.0	503922.4	5411012.6	77868.60156	318.96	0	48.852069	-86.946531	56340.38	56246.8	3.20	56343.58	56342.26953	56358.17761	56353.57813	503922.4	5411012.6
L3920.0	503922.4	5411011.6	77868.70313	318.95	0	48.852060	-86.946531	56339.92	56246.8	3.20	56343.12	56341.78125	56347.95635	56343.28906	503922.4	5411011.6
L3920.0	503922.4	5411010.3	77868.79688	317.53	0	48.852048	-86.946531	56339.95	56246.8	3.20	56343.15	56341.77734	56346.83302	56342.09766	503922.4	5411010.3
L3920.0	503922.4	5411010.3	77868.89844	318.33	0	48.852048	-86.946531	56339.95	56246.8	3.21	56343.16	56341.75781	56343.28984	56338.48438	503922.4	5411010.3
L3920.0	503922.4	5411008.7	77869.00000	317.42	0	48.852034	-86.946531	56339.82	56246.8	3.21	56343.03	56341.59766	56337.85299	56332.97656	503922.4	5411008.7
L3920.0	503922.4	5411007.1	77869.10156	315.95	0	48.852020	-86.946531	56339.88	56246.8	3.21	56343.08	56341.61719	56337.13249	56332.18359	503922.4	5411007.1
L3920.0	503922.4	5411007.1	77869.20313	314.45	0	48.852020	-86.946531	56339.54	56246.8	3.21	56342.75	56341.25391	56326.83786	56321.81641	503922.4	5411007.1
L3920.0	503922.4	5411005.7	77869.29688	315.48	0	48.852007	-86.946531	56340.00	56246.8	3.20	56343.21	56341.67969	56336.60813	56331.51563	503922.4	5411005.7
L3920.0	503922.4	5411004.1	77869.39844	316.40	0	48.851993	-86.946531	56340.00	56246.8	3.20	56343.21	56341.64844	56334.79528	56329.62891	503922.4	5411004.1
L3920.0	503922.4	5411002.6	77869.50000	318.01	0	48.851979	-86.946532	56341.02	56246.8	3.20	56344.22	56342.62500	56357.90000	56352.66016	503922.4	5411002.6
L3920.0	503922.4	5411002.6	77869.60156	316.28	0	48.851979	-86.946532	56340.77	56246.8	3.20	56343.96	56342.33203	56349.63517	56344.32422	503922.4	5411002.6
L3920.0	503922.4	5410999.5	77869.70313	316.02	0	48.851951	-86.946532	56341.07	56246.8	3.20	56344.27	56342.60938	56355.29605	56349.91016	503922.4	5410999.5
L3920.0	503922.4	5410999.5	77869.70313	312.43	0	48.851951	-86.946532	56341.36	56246.8	3.20	56344.56	56342.86719	56360.38924	56354.92969	503922.4	5410999.5
L3920.0	503922.4	5410998.3	77869.79688	314.66	0	48.851941	-86.946532	56341.38	56246.8	3.19	56344.57	56342.84375	56358.80689	56353.27344	503922.4	5410998.3
L3920.0	503922.3	5410996.5	77870.00000	315.98	0	48.851924	-86.946532	56341.71	56246.8	3.19	56344.90	56343.13672	56364.76607	56359.16016	503922.3	5410996.5
L3920.0	503922.3	5410996.5	77870.10156	314.57	0	48.851924	-86.946532	56341.10	56246.8	3.19	56344.29	56342.49219	56348.87989	56343.19922	503922.3	5410996.5
L3920.0	503922.4	5410995.4	77870.20313	315.45	0	48.851914	-86.946532	56341.62	56246.8	3.19	56344.81	56342.98047	56359.26204	56353.50781	503922.4	5410995.4
L3920.0	503922.4	5410995.4	77870.20313	314.00	0	48.851914	-86.946532	56341.02	56246.8	3.19	56344.21	56342.34375	56343.95436	56338.12500	503922.4	5410995.4
L3920.0	503922.4	5410993.2	77870.20313	314.00	0	48.851895	-86.946532	56341.30	56246.8	3.19	56344.50	56342.59766	56349.07750	56343.17578	503922.4	5410993.2
L3920.0	503922.4	5410991.7	77870.39844	312.30	0	48.851881	-86.946532	56341.06	56246.8	3.20	56344.25	56342.31250	56341.96702	56335.98828	503922.4	5410991.7
L3920.0	503922.4	5410990.4	77870.60156	313.28	0	48.851870	-86.946532	56341.18	56246.8	3.20	56344.38	56342.41016	56343.50705	56337.45703	503922.4	5410990.4
L3920.0	503922.4	5410990.4	77870.70313	315.30	0	48.851870	-86.946532	56341.56	56246.8	3.20	56344.76	56342.75391	56350.70430	56344.58203	503922.4	5410990.4
L3920.0	503922.4	5410988.8	77870.79688	316.23	0	48.851855	-86.946532	56341.30	56246.8	3.21	56344.51	56342.46875	56343.73604	56337.53906	503922.4	5410988.8
L3920.0	503922.4	5410987.2	77870.89844	315.06	0	48.851840	-86.946531	56341.84	56246.8	3.21	56345.05	56342.97266	56354.62090	56348.35156	503922.4	5410987.2
L3920.0	503922.4	5410987.2	77871.00000	314.05	0	48.851840	-86.946531	56341.40	56246.8	3.21	56344.61	56342.49609	56343.42032	56337.07813	503922.4	5410987.2
L3920.0	503922.4	5410985.7	77871.10156	314.05	0	48.851828	-86.946531	56341.99	56246.8	3.21	56345.20	56343.05078	56355.59469	56349.17969	503922.4	5410985.7
L3920.0	503922.4	5410984.6	77871.20313	314.66	0	48.851817	-86.946531	56341.68	56246.8	3.21	56344.89	56342.70313	56347.36350	56340.87891	503922.4	5410984.6
L3920.0	503922.5	5410982.9	77871.29688	316.97	0	48.851802	-86.946531	56342.32	56246.8	3.21	56345.53	56343.30469	56360.95901	56354.40234	503922.5	5410982.9
L3920.0	503922.5	5410982.9	77871.39844	316.74	0	48.851802	-86.946531	56342.04	56246.8	3.21	56345.25	56342.98828	56353.45076	56346.82422	503922.5	5410982.9
L3920.0	503922.5	5410981.2	77871.50000	315.36	0	48.851787	-86.946531	56342.40	56246.8	3.21	56345.61	56343.31250	56360.86831	56354.17188	503922.5	5410981.2
L3920.0	503922.5	5410981.2	77871.60156	314.56	0	48.851787	-86.946531	56342.24	56246.8	3.21	56345.45	56343.11719	56356.16750	56349.40234	503922.5	5410981.2
L3920.0	503922.5	5410979.7	77871.70313	314.67	0	48.851773	-86.946531	56342.07	56246.8	3.21	56345.28	56342.91016	56351.18479	56344.35156	503922.5	5410979.7
L3920.0	503922.5	5410978.4	77871.79688	315.63	0	48.851761	-86.946531	56342.22	56246.8	3.21	56345.43	56343.02344	56353.87549	56346.97656	503922.5	5410978.4
L3920.0	503922.5	5410976.7	77871.89844	315.74	0	48.851746	-86.946530	56341.91	56246.8	3.21	56345.12	56342.67969	56345.45696	56338.48828	503922.5	5410976.7
L3920.0	503922.5	5410975.6	77872.00000	316.19	0	48.851736	-86.946530	56342.48	56246.8	3.21	56345.69	56343.21094	56358.56094	56351.52734	503922.5	5410975.6
L3920.0	503922.5	5410975.6	77872.10156	316.98	0	48.851736	-86.946530	56341.96	56246.8	3.21	56345.18	56342.66406	56345.16838	56338.07031	503922.5	5410975.6
L3920.0	503922.5	5410973.8	77872.20313	316.66	0	48.851720	-86.946530	56342.35	56246.8	3.21	56345.56	56343.00781	56353.83119	56346.67188	503922.5	5410973.8
L3920.0	503922.5	5410972.4	77872.20313	317.02	0	48.851707	-86.946530	56342.20	56246.8	3.21	56345.41	56342.82422	56349.33755	56342.11328	503922.5	5410972.4
L3920.0	503922.5	5410972.4	77872.39844	318.31	0	48.851707	-86.946530	56342.38	56246.8	3.21	56345.59	56342.96484	56353.17146	56345.88672	503922.5	5410972.4
L3920.0	503922.5	5410970.8	77872.50000	320.70	0	48.851693	-86.946530	56342.35	56246.8	3.22	56345.57	56342.91016	56352.00299	56344.65625	503922.5	5410970.8
L3920.0	503922.5	5410969.1	77872.60156	318.76	0	48.851678	-86.946530	56342.18	56246.8	3.22	56345.39	56342.69531	56346.77792	56339.37500	503922.5	5410969.1
L3920.0	503922.5	5410969.1	77872.70313	318.89	0	48.851678	-86.946530	56342.42	56246.8	3.22	56345.64	56342.91016	56352.55609	56345.09766	503922.5	5410969.1
L3920.0	503922.5	5410967.4	77872.79688	318.54	0	48.851663	-86.946530	56341.89	56246.8	3.22	56345.11	56342.34375	56338.38697	56330.87109	503922.5	5410967.4
L3920.0	503922.5	5410965.9	77872.89844	316.89	0	48.851649	-86.946530	56342.53	56246.8	3.22	56345.75	56342.94922	56354.26173	56346.69141	503922.5	5410965.9
L3920.0	503922.6	5410964.1	77873.00000	318.93	0	48.851633	-86.946530	56342.50	56246.8	3.22	56345.72	56342.88281	56352.96748	56345.34375	503922.6	5410964.1
L3920.0	503922.6	5410964.1	77873.10156	317.86	0	48.851633	-86.946530	56342.73	56246.8	3.22	56345.95	56343.07813	56358.38042	56350.70313	503922.6	5410964.1
L3920.0	503922.6	5410962.7	77873.20313	316.12	0	48.851621	-86.946529	56342.32	56246.8	3.22	56345.54	56342.63281	56347.34655	56339.62109	503922.6	5410962.7
L3920.0	503922.6	5410961.3	77873.29688	316.61	0	48.851608	-86.946529	56342.32	56246.8	3.21	56345.54	56342.59766	56346.87688	56339.10156	503922.6	5410961.3
L3920.0	503922.6	5410961.3	77873.39844	313.83	0	48.851608	-86.946529	56342.50	56246.8	3.21	56345.72	56342.74219	56351.04014	56343.21875	503922.6	5410961.3
L3920.0	503922.6	5410959.5	77873.50000	313.86	0	48.851592	-86.946529	56342.43	56246.8	3.21	56345.64	56342.62891	56348.53613	56340.66797	503922.6	5410959.5
L3920.0	503922.6	5410958.1	77873.60156	314.17	0	48.851579	-86.946529	56342.78	56246.8	3.21	56345.99	56342.94531	56357.04454	56349.13281	503922.6	5410958.1
L3920.0	503922.6	5410956.9	77873.70313	315.86	0	48.851568	-86.946529	56342.53	56246.8	3.21	56345.73	56342.65234	56349.94762	56341.99609	503922.6	5410956.9
L3920.0	503922.6	5410956.9	77873.79688	316.17	0	48.851568	-86.946529	56342.73	56246.8	3.20	56345.93	56342.82031	56354.60068	56346.60938	503922.6	5410956.9
L3920.0	503922.6	5410955.3	77873.89844	316.63	0	48.851554	-86.946529	56342.43	56246.8	3.20	56345.63	56342.48438	56346.50635	56338.47656	503922.6	5410955.3
L3920.0	503922.6	5410954.2	77874.00000	317.02	0	48.851544	-86.946529	56342.56	56246.8	3.20	56345.75	56342.57422	56349.10666	56341.04297	503922.6	5410954.2
L3920.0	503922.6	5410952.9	77874.10156	316.91	0	48.851532	-86.946529	56342.25	56246.8	3.20	56345.45	56342.24219	56341.01298	56332.91406	503922.6	5410952.9
L3920.0	503922.6	5410952.9	77874.20313	317.70	0	48.851532	-86.946529	56342.32	56246.8	3.20	56345.53	56342.28906	56342.57056	56334.44141	503922.6	5410952.9
L3920.0	503922.6	5410951.3	77874.20313	316.13	0	48.851517	-86.946529	56342.61	56246.8	3.20	56345.81	56342.53906	56349.20892	56341.05078	503922.6	5410951.3
L3920.0	503922.6	5410950.1	77874.29688	318.93	0	48.851507	-86.946529	56342.50	56246.8	3.20	56345.70	56342.39453	56345.89892	56337.71484	503922.6	5410950.1
L3920.0	503922.6	5410948.8	77874.50000	317.01	0	48.851495	-86.946530	56342.56	56246.8	3.21	56345.76	56342.42578	56346.90735	56338.69531	503922.6	5410948.8
L3920.0	503922.6	5410948.8	77874.60156	316.43	0	48.851495	-86.946530	56342.40	56246.8	3.21	56345.61	56342.24609	56342.51318	56334.28125	503922.6	5410948.8
L3920.0	503922.5	5410947.2	77874.70313	314.33	0	48.851481	-86.946530	56343.02	56246.8	3.21	56346.22	56342.82422	56357.64515	56349.39063	503922.5	5410947.2
L3920.0	503922.5	5410945.9	77874.79688	313.57	0	48.851469	-86.946530	56342.76	56246.8	3.21	56345.97	56342.54688	56350.63867	56342.36719	503922.5	5410945.9
L3920.0	503922.5	5410945.9	77874.89844	313.87	0	48.851469	-86.946530	56342.98	56246.8	3.21	56346.19	56342.73828	56352.66231	56344.37500	503922.5	5410945.9
L3920.0	503922.5	5410944.3	77875.00000	314.08	0	48.851455	-86.946531	56342.68	56246.8	3.21	56345.89	56342.41016	56346.77721	56338.47656	503922.5	5410944.3
L3920.0	503922.5	5410943.0	77875.10156	315.93	0	48.851443	-86.946531	56342.78	56246.8	3.21	56345.99	56342.48047	56348.25792	56339.94531	503922.5	5410943.0
L3920.0	503922.5	5410943.0	77875.20313	317.00	0	48.851443	-86.946531	56343.14	56246.8	3.21	56346.36	56342.82422	56354.77208	56346.45313	503922.5	5410943.0
L3920.0	503922.4	5410941.2	77875.29688	318.68	0	48.851427	-86.946532	56342.78	56246.8	3.22	56346.00	56342.43750	56347.74259	56339.41797	503922.4	5410941.2
L3920.0	503922.4	5410939.7	77875.39844	319.95	0	48.851414	-86.946532	56342.94	56246.8	3.22	56346.16	56342.57031	56350.39429	56342.06641	503922.4	5410939.7
L3920.0	503922.4	5410938.4	77875.50000	319.11	0	48.851402	-86.946532	56342.66	56246.8	3.22	56345.88	56342.26563	56344.82865	56336.50000	503922.4	5410938.4
L3920.0	503922.4	5410938.4	77875.60156	319.09	0	48.851402	-86.946532	56343.19	56246.8	3.22	56346.41	56342.76953	56354.45481	56346.12500	503922.4	5410938.4
L3920.0	503922.4	5410937.2	77875.70313	318.24	0	48.851391	-86.946532	56342.96	56246.8	3.22	56346.19	56342.52734	56350.02298	56341.69922	503922.4	5410937.2
L3920.0	503922.4	5410935.5	77875.79688	318.77	0	48.851376	-86.946532	56343.09	56246.8	3.23	56346.31	56342.62109	56351.98932	56343.67188	503922.4	5410935.5
L3920.0	503922.4	5410935.5	77875.89844	318.77	0	48.851376	-86.946532	56343.14	56246.8	3.23	56346.37	56342.65625	56352.83826	56344.53125	503922.4	5410935.5
L3920.0	503922.4	5410933.1	77876.00000	317.55	0	48.851354	-86.946532	56343.17	56246.8	3.23	56346.40	56342.66406	56353.13201	56344.83594	503922.4	5410933.1
L3920.0	503922.4	5410933.1	77876.10156	319.77	0	48.851354	-86.946532	56343.06	56246.8	3.23	56346.29	56342.53125	56350.80232	56342.52344	503922.4	5410933.1
L3920.0	503922.4	5410931.9	77876.20313	317.99	0	48.851343	-86.946532	56342.78	56246.8	3.23	56346.01	56342.23047	56345.29791	56337.03516	503922.4	5410931.9
L3920.0	503922.4	5410930.4	77876.20313	318.40	0	48.851329	-86.946532	56343.24	56246.8	3.23	56346.47	56342.67188	56353.69169	56345.45313	503922.4	5410930.4
L3920.0	503922.4	5410929.2	77876.39844	316.51	0	48.851319	-86.946532	56342.84	56246.8	3.23	56346.06	56342.23828	56345.80275	56337.58594	503922.4	5410929.2
L3920.0	503922.4	5410929.2	77876.50000	317.97	0	48.851319	-86.946532	56343.12	56246.8	3.22	56346.34	56342.50000	56350.82149	56342.62891	503922.4	5410929.2
L3920.0	503922.4	5410927.1	77876.60156	320.79	0	48.851300	-86.946532	56342.81	56246.8	3.22	56346.03	56342.17188	56344.87993	56336.71484	503922.4	5410927.1
L3920.0	503922.4	5410926.2	77876.70313	320.64	0	48.851292	-86.946532	56343.04	56246.8	3.22	56346.26	56342.38281	56348.96884	56340.83594	503922.4	5410926.2
L3920.0	503922.4	5410924.9	77876.79688	321.74	0	48.851280	-86.946532	56343.04	56246.8	3.22	56346.26	56342.36328	56348.81154	56340.71484	503922.4	5410924.9
L3920.0	503922.4	5410924.9	77876.89844	319.78	0	48.851280	-86.946532	56342.89	56246.8	3.22	56346.11	56342.19922	56341.88826	56333.82813	503922.4	5410924.9
L3920.0	503922.4	5410923.8	77877.00000	320.22	0	48.851271	-86.946532	56343.14	56246.8	3.22	56346.36	56342.42969	56348.01114	56339.99219	503922.4	5410923.8
L3920.0	503922.4	5410922.3	77877.10156	316.72	0	48.851257	-86.946532	56343.19	56246.8	3.22	56346.41	56342.46484	56349.00766	56341.03125	503922.4	5410922.3
L3920.0	503922.4	5410922.3	77877.20313	316.45	0	48.851257	-86.946532	56343.63	56246.8	3.22	56346.85	56342.89063	56359.95585	56352.02344	503922.4	5410922.3

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L3920.0	503922.4	5410921.1	77877.29688	316.65	0	48.851246	-86.946532	56343.39	56246.8	3.22	56346.62	56342.64453	56353.89851	56346.01563	503922.4	5410921.1
L3920.0	503922.4	5410921.1	77877.39844	312.31	0	48.851246	-86.946532	56343.81	56246.8	3.22	56347.03	56343.04297	56364.06949	56356.23828	503922.4	5410921.1
L3920.0	503922.4	5410918.6	77877.50000	312.08	0	48.851224	-86.946532	56343.71	56246.8	3.22	56346.93	56342.92969	56361.41672	56353.63672	503922.4	5410918.6
L3920.0	503922.4	5410918.6	77877.60156	312.78	0	48.851224	-86.946532	56343.55	56246.8	3.23	56346.77	56342.75391	56357.34008	56349.61719	503922.4	5410918.6
L3920.0	503922.4	5410916.8	77877.70313	314.65	0	48.851207	-86.946532	56343.02	56246.8	3.23	56346.24	56342.21484	56344.12025	56336.45703	503922.4	5410916.8
L3920.0	503922.4	5410916.8	77877.79688	317.40	0	48.851207	-86.946532	56343.12	56246.8	3.23	56346.35	56342.31250	56346.93724	56339.33984	503922.4	5410916.8
L3920.0	503922.4	5410914.8	77877.89844	316.33	0	48.851190	-86.946532	56343.37	56246.8	3.23	56346.60	56342.55078	56353.27254	56345.73828	503922.4	5410914.8
L3920.0	503922.4	5410914.8	77878.00000	317.55	0	48.851190	-86.946532	56343.45	56246.8	3.23	56346.68	56342.62109	56355.42735	56347.96094	503922.4	5410914.8
L3920.0	503922.4	5410913.8	77878.10156	316.08	0	48.851181	-86.946532	56343.66	56246.8	3.23	56346.89	56342.82422	56360.86375	56353.46875	503922.4	5410913.8
L3920.0	503922.4	5410912.5	77878.20313	315.22	0	48.851169	-86.946532	56343.55	56246.8	3.24	56346.78	56342.70703	56358.40782	56351.08594	503922.4	5410912.5
L3920.0	503922.4	5410912.5	77878.20313	315.22	0	48.851169	-86.946532	56343.42	56246.8	3.24	56346.65	56342.56641	56355.50099	56348.25391	503922.4	5410912.5
L3920.0	503922.4	5410911.1	77878.39844	316.73	0	48.851156	-86.946532	56342.76	56246.8	3.24	56346.00	56341.91016	56339.66274	56332.49609	503922.4	5410911.1
L3920.0	503922.4	5410909.7	77878.50000	319.36	0	48.851144	-86.946532	56342.45	56246.8	3.25	56345.70	56341.60547	56332.54490	56325.45703	503922.4	5410909.7
L3920.0	503922.4	5410908.7	77878.60156	317.62	0	48.851134	-86.946532	56342.73	56246.8	3.25	56345.97	56341.87109	56339.71644	56332.71484	503922.4	5410908.7
L3920.0	503922.4	5410908.7	77878.70313	319.03	0	48.851134	-86.946532	56343.20	56246.7	3.25	56346.45	56342.34375	56352.24764	56345.33203	503922.4	5410908.7
L3920.0	503922.4	5410907.1	77878.79688	316.80	0	48.851121	-86.946532	56343.55	56246.7	3.25	56346.80	56342.69141	56361.61716	56354.79297	503922.4	5410907.1
L3920.0	503922.4	5410907.1	77878.89844	318.10	0	48.851121	-86.946532	56343.52	56246.7	3.26	56346.78	56342.66797	56361.71930	56354.98438	503922.4	5410907.1
L3920.0	503922.4	5410905.8	77879.00000	318.07	0	48.851109	-86.946533	56343.50	56246.7	3.26	56346.76	56342.64453	56361.85397	56355.21094	503922.4	5410905.8
L3920.0	503922.4	5410904.6	77879.10156	317.30	0	48.851097	-86.946533	56343.22	56246.7	3.26	56346.48	56342.36328	56355.39058	56348.84375	503922.4	5410904.6
L3920.0	503922.3	5410903.5	77879.20313	317.36	0	48.851087	-86.946533	56342.84	56246.7	3.26	56346.09	56341.97266	56346.10280	56339.65625	503922.3	5410903.5
L3920.0	503922.3	5410903.5	77879.29688	314.93	0	48.851087	-86.946533	56342.40	56246.7	3.26	56345.66	56341.53906	56335.76650	56329.42578	503922.3	5410903.5
L3920.0	503922.3	5410902.0	77879.39844	313.69	0	48.851075	-86.946533	56342.63	56246.7	3.26	56345.89	56341.76953	56342.35865	56336.12109	503922.3	5410902.0
L3920.0	503922.3	5410901.1	77879.50000	314.99	0	48.851066	-86.946533	56342.91	56246.7	3.25	56346.17	56342.05078	56350.28262	56344.14844	503922.3	5410901.1
L3920.0	503922.3	5410900.1	77879.60156	317.11	0	48.851057	-86.946534	56342.78	56246.7	3.25	56346.04	56341.92188	56347.69304	56341.66797	503922.3	5410900.1
L3920.0	503922.3	5410900.1	77879.70313	317.51	0	48.851057	-86.946534	56342.53	56246.7	3.25	56345.78	56341.66406	56341.77507	56335.86328	503922.3	5410900.1
L3920.0	503922.3	5410899.1	77879.79688	318.89	0	48.851048	-86.946534	56342.40	56246.7	3.25	56345.65	56341.53516	56339.22192	56333.42578	503922.3	5410899.1
L3920.0	503922.3	5410898.1	77879.89844	321.12	0	48.851039	-86.946534	56342.48	56246.7	3.25	56345.73	56341.62109	56342.08421	56336.40234	503922.3	5410898.1
L3920.0	503922.3	5410897.1	77880.00000	321.43	0	48.851030	-86.946534	56342.45	56246.8	3.25	56345.70	56341.59375	56342.13372	56336.57031	503922.3	5410897.1
L3920.0	503922.3	5410897.1	77880.10156	319.93	0	48.851030	-86.946534	56342.66	56246.7	3.25	56345.91	56341.80859	56348.33221	56342.88672	503922.3	5410897.1
L3920.0	503922.2	5410895.8	77880.20313	317.20	0	48.851019	-86.946535	56342.56	56246.7	3.25	56345.81	56341.71484	56346.60377	56341.28125	503922.2	5410895.8
L3920.0	503922.2	5410895.8	77880.20313	317.24	0	48.851019	-86.946535	56342.56	56246.7	3.25	56345.81	56341.71875	56347.43457	56342.23828	503922.2	5410895.8
L3920.0	503922.2	5410894.9	77880.39844	318.90	0	48.851010	-86.946535	56342.60	56246.7	3.26	56345.86	56341.77734	56349.53104	56344.46094	503922.2	5410894.9
L3920.0	503922.2	5410894.1	77880.50000	318.36	0	48.851003	-86.946535	56342.58	56246.7	3.26	56345.84	56341.76172	56349.85158	56344.91016	503922.2	5410894.1
L3920.0	503922.2	5410892.9	77880.60156	317.34	0	48.850993	-86.946536	56342.66	56246.7	3.26	56345.92	56341.85156	56352.68259	56347.87109	503922.2	5410892.9
L3920.0	503922.2	5410892.0	77880.70313	314.76	0	48.850984	-86.946536	56342.53	56246.7	3.26	56345.79	56341.72656	56350.24647	56345.56641	503922.2	5410892.0
L3920.0	503922.2	5410892.0	77880.79688	314.88	0	48.850984	-86.946536	56342.53	56246.7	3.27	56345.79	56341.73828	56351.06794	56346.52344	503922.2	5410892.0
L3920.0	503922.1	5410890.8	77880.89844	316.39	0	48.850973	-86.946536	56342.53	56246.7	3.27	56345.79	56341.74609	56351.88483	56347.47656	503922.1	5410890.8
L3920.0	503922.1	5410890.8	77881.00000	317.04	0	48.850973	-86.946536	56342.53	56246.7	3.27	56345.80	56341.76563	56352.94340	56348.67188	503922.1	5410890.8
L3920.0	503922.1	5410889.8	77881.10156	316.79	0	48.850965	-86.946536	56342.27	56246.7	3.27	56345.54	56341.51563	56347.37612	56343.24609	503922.1	5410889.8
L3920.0	503922.1	5410888.8	77881.20313	313.45	0	48.850956	-86.946537	56342.02	56246.7	3.28	56345.30	56341.28906	56342.35154	56338.36328	503922.1	5410888.8
L3920.0	503922.1	5410888.8	77881.29688	311.80	0	48.850956	-86.946537	56341.92	56246.7	3.28	56345.20	56341.19922	56340.77658	56336.93359	503922.1	5410888.8
L3920.0	503922.1	5410887.8	77881.39844	311.73	0	48.850947	-86.946537	56342.06	56246.7	3.28	56345.35	56341.36328	56345.26683	56341.57031	503922.1	5410887.8
L3920.0	503922.1	5410887.2	77881.50000	315.00	0	48.850941	-86.946537	56342.10	56246.7	3.28	56345.38	56341.40234	56346.83338	56343.28125	503922.1	5410887.2
L3920.0	503922.1	5410886.4	77881.60156	316.32	0	48.850933	-86.946537	56342.35	56246.7	3.29	56345.64	56341.67578	56353.91735	56350.51563	503922.1	5410886.4
L3920.0	503922.0	5410885.5	77881.70313	314.96	0	48.850926	-86.946537	56342.32	56246.7	3.29	56345.61	56341.66016	56354.02285	56350.76953	503922.0	5410885.5
L3920.0	503922.0	5410884.7	77881.79688	316.04	0	48.850919	-86.946538	56342.18	56246.7	3.29	56345.47	56341.53516	56351.51331	56348.41406	503922.0	5410884.7
L3920.0	503922.0	5410884.7	77881.89844	316.02	0	48.850919	-86.946538	56341.92	56246.7	3.30	56345.22	56341.30078	56346.40462	56343.46094	503922.0	5410884.7
L3920.0	503922.0	5410884.1	77882.00000	315.87	0	48.850913	-86.946538	56341.84	56246.7	3.30	56345.14	56341.23438	56345.36976	56342.57813	503922.0	5410884.1
L3920.0	503922.0	5410882.9	77882.10156	316.61	0	48.850902	-86.946539	56341.79	56246.7	3.30	56345.09	56341.19922	56345.06223	56342.42578	503922.0	5410882.9
L3920.0	503922.0	5410882.9	77882.20313	316.03	0	48.850902	-86.946539	56341.59	56246.7	3.30	56344.88	56341.00781	56340.96224	56338.48438	503922.0	5410882.9
L3920.0	503921.9	5410881.9	77882.20313	315.81	0	48.850893	-86.946539	56341.56	56246.7	3.30	56344.86	56341.00391	56341.39495	56339.07813	503921.9	5410881.9
L3920.0	503921.9	5410881.9	77882.39844	314.96	0	48.850893	-86.946539	56341.79	56246.7	3.30	56345.08	56341.23828	56347.55551	56345.40234	503921.9	5410881.9
L3920.0	503921.9	5410880.9	77882.50000	317.96	0	48.850885	-86.946540	56342.09	56246.7	3.29	56345.38	56341.55469	56355.64651	56353.65234	503921.9	5410880.9
L3920.0	503921.8	5410880.1	77882.60156	315.37	0	48.850877	-86.946540	56341.92	56246.7	3.29	56345.21	56341.40234	56352.56509	56350.73438	503921.8	5410880.1
L3920.0	503921.8	5410879.4	77882.70313	315.78	0	48.850871	-86.946540	56341.78	56246.7	3.29	56345.07	56341.28125	56350.21630	56348.55078	503921.8	5410879.4
L3920.0	503921.8	5410879.4	77882.79688	314.04	0	48.850871	-86.946540	56341.59	56246.7	3.29	56344.88	56341.10938	56346.69339	56345.19531	503921.8	5410879.4
L3920.0	503921.8	5410878.7	77882.89844	313.52	0	48.850864	-86.946541	56341.50	56246.7	3.29	56344.79	56341.03906	56345.57673	56344.24609	503921.8	5410878.7
L3920.0	503921.8	5410878.0	77883.00000	314.94	0	48.850858	-86.946541	56341.28	56246.7	3.29	56344.57	56340.83984	56341.36583	56340.20313	503921.8	5410878.0
L3920.0	503921.8	5410878.0	77883.10156	315.79	0	48.850858	-86.946541	56341.50	56246.7	3.29	56344.80	56341.08984	56347.97010	56346.97656	503921.8	5410878.0
L3920.0	503921.7	5410877.3	77883.20313	316.83	0	48.850852	-86.946542	56341.03	56246.7	3.29	56344.32	56340.62891	56337.52714	56336.70703	503921.7	5410877.3
L3920.0	503921.7	5410876.7	77883.29688	316.69	0	48.850847	-86.946542	56341.05	56246.7	3.30	56344.34	56340.66797	56339.13047	56338.48438	503921.7	5410876.7
L3920.0	503921.7	5410876.7	77883.39844	316.64	0	48.850847	-86.946542	56341.05	56246.7	3.30	56344.35	56340.69922	56340.52797	56340.05469	503921.7	5410876.7
L3920.0	503921.7	5410875.5	77883.50000	315.47	0	48.850836	-86.946542	56341.18	56246.7	3.30	56344.48	56340.85156	56344.90174	56344.60156	503921.7	5410875.5
L3920.0	503921.7	5410875.5	77883.60156	315.43	0	48.850836	-86.946542	56341.05	56246.7	3.30	56344.35	56340.74219	56342.95280	56342.82813	503921.7	5410875.5
L3920.0	503921.7	5410875.0	77883.70313	315.32	0	48.850831	-86.946542	56341.13	56246.7	3.30	56344.43	56340.84375	56346.21410	56346.26563	503921.7	5410875.0
L3920.0	503921.7	5410874.4	77883.79688	313.66	0	48.850825	-86.946542	56341.08	56246.7	3.31	56344.38	56340.81641	56346.29994	56346.53125	503921.7	5410874.4
L3920.0	503921.7	5410874.4	77883.89844	314.05	0	48.850825	-86.946542	56340.79	56246.7	3.31	56344.10	56340.55859	56340.60878	56341.01563	503921.7	5410874.4
L3920.0	503921.7	5410873.8	77884.00000	312.55	0	48.850820	-86.946542	56340.64	56246.7	3.31	56343.95	56340.42969	56338.14900	56338.73438	503921.7	5410873.8
L3920.0	503921.7	5410873.1	77884.10156	312.87	0	48.850814	-86.946542	56340.84	56246.7	3.31	56344.15	56340.65234	56344.65212	56345.41797	503921.7	5410873.1
L3920.0	503921.7	5410873.1	77884.20313	314.77	0	48.850814	-86.946542	56340.88	56246.7	3.31	56344.19	56340.71875	56347.14245	56348.08984	503921.7	5410873.1
L3920.0	503921.7	5410872.7	77884.20313	317.70	0	48.850810	-86.946542	56340.69	56246.7	3.31	56344.00	56340.55078	56345.56000	56346.69141	503921.7	5410872.7
L3920.0	503921.7	5410872.1	77884.29688	320.62	0	48.850806	-86.946542	56340.46	56246.7	3.31	56343.77	56340.34375	56342.11057	56343.42188	503921.7	5410872.1
L3920.0	503921.7	5410871.6	77884.50000	319.23	0	48.850801	-86.946542	56340.54	56246.7	3.31	56343.85	56340.44922	56344.40702	56345.90234	503921.7	5410871.6
L3920.0	503921.7	5410871.2	77884.60156	319.43	0	48.850797	-86.946542	56340.69	56246.7	3.32	56344.01	56340.63281	56348.22194	56349.89844	503921.7	5410871.2
L3920.0	503921.7	5410871.2	77884.70313	319.37	0	48.850797	-86.946542	56340.59	56246.7	3.32	56343.90	56340.54688	56346.91402	56348.77734	503921.7	5410871.2
L3920.0	503921.7	5410870.5	77884.79688	318.92	0	48.850791	-86.946542	56340.26	56246.7	3.32	56343.58	56340.25000	56341.54252	56343.59375	503921.7	5410870.5
L3920.0	503921.7	5410870.5	77884.89844	319.71	0	48.850791	-86.946542	56340.29	56246.7	3.32	56343.60	56340.29688	56342.61522	56344.85156	503921.7	5410870.5
L3920.0	503921.7	5410869.8	77885.00000	321.03	0	48.850785	-86.946542	56340.59	56246.7	3.32	56343.91	56340.62891	56349.22613	56351.64844	503921.7	5410869.8
L3920.0	503921.7	5410869.4	77885.10156	318.94	0	48.850781	-86.946542	56340.43	56246.7	3.32	56343.75	56340.49609	56346.77163	56349.37891	503921.7	5410869.4
L3920.0	503921.7	5410869.0	77885.20313	318.93	0	48.850778	-86.946543	56340.36	56246.7	3.31	56343.67	56340.44141	56345.80642	56348.60156	503921.7	5410869.0
L3920.0	503921.7	5410869.0	77885.29688	321.11	0	48.850778	-86.946543	56340.06	56246.7	3.31	56343.37	56340.16797	56340.59763	56343.58203	503921.7	5410869.0
L3920.0	503921.7	5410868.6	77885.39844	319.49	0	48.850774	-86.946543	56340.06	56246.7	3.31	56343.36	56340.18359	56340.90160	56344.07422	503921.7	5410868.6
L3920.0	503921.7	5410868.1	77885.50000	323.01	0	48.850769	-86.946543	56340.21	56246.7	3.31	56343.51	56340.35938	56344.17065	56347.53125	503921.7	5410868.1
L3920.0	503921.6	5410867.7	77885.60156	320.76	0	48.850766	-86.946543	56340.23	56246.7	3.30	56343.53	56340.40234	56344.90692	56348.45703	503921.6	5410867.7
L3920.0	503921.6	5410867.7	77885.70313	319.40	0	48.850766	-86.946543	56340.23	56246.7	3.30	56343.53	56340.42969	56345.20494	56348.94531	503921.6	5410867.7
L3920.0	503921.6	5410867.4	77885.79688	318.71	0	48.850762	-86.946543	56340.54	56246.7	3.30	56343.83	56340.75781	56358.43136	56362.36328	503921.6	5410867.4
L3920.0	503921.6	5410866.9	77885.89844	320.51	0	48.850759	-86.946543	56340.08	56246.7	3.29	56343.37	56340.32031	56347.30412	56351.42578	503921.6	5410866.9
L3920.0	503921.6	5410866.9	77886.00000	319.12	0	48.850759	-86.946543	56339.57	56246.7	3.29	56342.86	56339.83984	56335.11063	56339.42188	503921.6	5410866.9
L3920.0	503921.6	5410866.5	77886.10156	317.00	0	48.850755	-86.946543	56339.52	56246.7	3.29	56342.81	56339.81641	56334.52200	56339.02344	503921.6	5410866.5
L3920.0	503921.6	5410866.2	77886.20313	315.01	0	48.850752	-86.946543	56339.36	56246.7	3.30	56342.66	56339.69141	56331.40881	56336.10547	503921.6	5410866.2
L3920.0	503921.6	5410866.2	77886.20313	313.57	0	48.850752	-86.946543	56339.49	56246.7	3.30	56342.79	56339.84766	56334.99471	56339.88281	503921.6	5410866.2
L3920.0	503921.6	5410865.8	77886.39844	310.97	0	48.850748	-86.946543	56339.54	56246.7	3.31	56342.85	56339.93359	56336.70420	56341.78516	503921.6	5410865.8
L3920.0	503921.6	5410865.8	77886.50000	313.92	0	48.850748	-86.946543	56339.44	56246.7	3.32	56342.75	56339.85938	56334.52448	56339.79688	503921.6	5410865.8

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L3920.0	503921.6	5410865.5	77886.60156	313.02	0	48.850746	-86.946543	56339.44	56246.7	3.32	56342.76	56339.89844	56334.81151	56340.27344	503921.6	5410865.5
L3920.0	503921.6	5410865.2	77886.70313	313.00	0	48.850743	-86.946543	56339.32	56246.7	3.32	56342.64	56339.80469	56332.04671	56337.70313	503921.6	5410865.2
L3920.0	503921.6	5410864.9	77886.79688	313.18	0	48.850741	-86.946543	56339.04	56246.7	3.33	56342.36	56339.55078	56325.71732	56331.56641	503921.6	5410864.9
L3920.0	503921.6	5410864.9	77886.89844	312.09	0	48.850741	-86.946543	56339.03	56246.7	3.33	56342.36	56339.57813	56325.57674	56331.62109	503921.6	5410864.9
L3920.0	503921.6	5410864.7	77887.00000	313.85	0	48.850738	-86.946543	56339.29	56246.7	3.34	56342.63	56339.87500	56331.10072	56337.33594	503921.6	5410864.7
L3930.0	503932.4	5410632.5	41652.39844	282.86	0	48.848650	-86.946399	56320.63	56244.8	5.18	56325.81	56325.00000	56329.61873	56325.88281	503932.4	5410632.5
L3930.0	503932.4	5410632.3	41652.60156	283.69	0	48.848648	-86.946399	56320.38	56244.8	5.18	56325.56	56324.75781	56329.28475	56325.59766	503932.4	5410632.3
L3930.0	503932.4	5410631.9	41652.69922	281.55	0	48.848644	-86.946399	56320.02	56244.8	5.18	56325.20	56324.40625	56328.93697	56325.30078	503932.4	5410631.9
L3930.0	503932.4	5410631.9	41652.80078	282.71	0	48.848644	-86.946399	56319.99	56244.8	5.19	56325.18	56324.39453	56328.64061	56325.05469	503932.4	5410631.9
L3930.0	503932.4	5410631.5	41652.89844	283.40	0	48.848641	-86.946399	56320.04	56244.8	5.19	56325.23	56324.45313	56328.35209	56324.81641	503932.4	5410631.5
L3930.0	503932.3	5410631.2	41653.00000	282.84	0	48.848638	-86.946399	56320.30	56244.8	5.19	56325.49	56324.71875	56328.08672	56324.60156	503932.3	5410631.2
L3930.0	503932.3	5410630.7	41653.10156	282.20	0	48.848634	-86.946400	56320.35	56244.8	5.18	56325.54	56324.77734	56327.79147	56324.35938	503932.3	5410630.7
L3930.0	503932.3	5410630.7	41653.19922	281.32	0	48.848634	-86.946400	56319.79	56244.8	5.18	56324.97	56324.21484	56327.42833	56324.04297	503932.3	5410630.7
L3930.0	503932.2	5410630.3	41653.30078	280.62	0	48.848630	-86.946401	56319.20	56244.8	5.17	56324.38	56323.63281	56327.07093	56323.73828	503932.2	5410630.3
L3930.0	503932.2	5410630.3	41653.39844	279.24	0	48.848630	-86.946401	56319.50	56244.8	5.17	56324.67	56323.92969	56326.79963	56323.51563	503932.2	5410630.3
L3930.0	503932.2	5410629.8	41653.50000	280.84	0	48.848626	-86.946402	56319.36	56244.8	5.16	56324.52	56323.78516	56326.48618	56323.25000	503932.2	5410629.8
L3930.0	503932.1	5410629.4	41653.60156	281.56	0	48.848622	-86.946403	56319.54	56244.8	5.15	56324.69	56323.96484	56326.19646	56323.01172	503932.1	5410629.4
L3930.0	503932.1	5410629.0	41653.69922	284.17	0	48.848618	-86.946403	56319.36	56244.9	5.15	56324.51	56323.78906	56325.87938	56322.74219	503932.1	5410629.0
L3930.0	503932.0	5410628.5	41653.80078	282.58	0	48.848614	-86.946404	56319.30	56244.9	5.14	56324.44	56323.72656	56325.56935	56322.48047	503932.0	5410628.5
L3930.0	503932.0	5410628.5	41653.89844	279.80	0	48.848614	-86.946404	56319.06	56244.9	5.14	56324.19	56323.48438	56325.24944	56322.21094	503932.0	5410628.5
L3930.0	503932.0	5410628.5	41654.00000	280.70	0	48.848614	-86.946404	56319.18	56244.9	5.13	56324.31	56323.60938	56324.94689	56321.95703	503932.0	5410628.5
L3930.0	503931.9	5410627.3	41654.10156	279.65	0	48.848603	-86.946406	56318.94	56244.9	5.13	56324.07	56323.37891	56324.62796	56321.68359	503931.9	5410627.3
L3930.0	503931.8	5410626.9	41654.19922	280.90	0	48.848600	-86.946406	56318.97	56244.9	5.13	56324.10	56323.41406	56324.31851	56321.42188	503931.8	5410626.9
L3930.0	503931.8	5410626.9	41654.30078	280.29	0	48.848600	-86.946406	56318.94	56244.9	5.13	56324.07	56323.39063	56324.00601	56321.15625	503931.8	5410626.9
L3930.0	503931.8	5410626.3	41654.39844	279.27	0	48.848594	-86.946407	56319.13	56244.9	5.13	56324.26	56323.58594	56323.69734	56320.89453	503931.8	5410626.3
L3930.0	503931.8	5410626.3	41654.39844	279.27	0	48.848594	-86.946407	56318.88	56244.9	5.13	56324.00	56323.33203	56323.37982	56320.62109	503931.8	5410626.3
L3930.0	503931.8	5410625.9	41654.60156	280.41	0	48.848590	-86.946407	56319.02	56244.9	5.13	56324.15	56323.48828	56323.06941	56320.35547	503931.8	5410625.9
L3930.0	503931.8	5410625.2	41654.69922	281.08	0	48.848584	-86.946407	56319.28	56244.9	5.13	56324.41	56323.75391	56322.75991	56320.08984	503931.8	5410625.2
L3930.0	503931.8	5410624.6	41654.80078	281.57	0	48.848578	-86.946407	56319.06	56244.9	5.13	56324.18	56323.52734	56322.44691	56319.82422	503931.8	5410624.6
L3930.0	503931.8	5410624.0	41654.89844	281.93	0	48.848574	-86.946407	56318.62	56244.9	5.13	56323.75	56323.10547	56322.13519	56319.55469	503931.8	5410624.0
L3930.0	503931.8	5410623.2	41655.00000	280.34	0	48.848566	-86.946407	56318.31	56244.9	5.13	56323.44	56322.80078	56321.82698	56319.28906	503931.8	5410623.2
L3930.0	503931.8	5410623.2	41655.10156	279.01	0	48.848566	-86.946407	56318.32	56244.9	5.13	56323.44	56322.80469	56321.52303	56319.02734	503931.8	5410623.2
L3930.0	503931.8	5410622.5	41655.19922	278.69	0	48.848560	-86.946407	56317.98	56244.9	5.12	56323.10	56322.46875	56321.21955	56318.76563	503931.8	5410622.5
L3930.0	503931.8	5410622.0	41655.30078	279.77	0	48.848555	-86.946407	56317.88	56244.9	5.12	56322.99	56322.36328	56320.92016	56318.50781	503931.8	5410622.0
L3930.0	503931.8	5410622.0	41655.39844	280.25	0	48.848555	-86.946407	56317.44	56244.9	5.11	56322.55	56321.92969	56320.62012	56318.25000	503931.8	5410622.0
L3930.0	503931.8	5410621.1	41655.50000	280.12	0	48.848547	-86.946406	56317.41	56244.9	5.11	56322.52	56321.90234	56320.32655	56317.99609	503931.8	5410621.1
L3930.0	503931.9	5410620.4	41655.60156	279.82	0	48.848541	-86.946406	56317.49	56244.9	5.11	56322.60	56321.98438	56320.03781	56317.74609	503931.9	5410620.4
L3930.0	503931.9	5410620.4	41655.69922	280.00	0	48.848541	-86.946406	56317.08	56244.9	5.10	56322.18	56321.57031	56319.74310	56317.48828	503931.9	5410620.4
L3930.0	503931.9	5410619.5	41655.80078	280.63	0	48.848533	-86.946406	56317.06	56244.9	5.10	56322.16	56321.55469	56319.45778	56317.24219	503931.9	5410619.5
L3930.0	503931.9	5410618.8	41655.89844	283.75	0	48.848526	-86.946405	56317.06	56244.9	5.09	56322.15	56321.54688	56319.17551	56316.99609	503931.9	5410618.8
L3930.0	503931.9	5410618.8	41656.00000	281.73	0	48.848526	-86.946405	56317.34	56244.9	5.09	56322.43	56321.82813	56318.90462	56316.76172	503931.9	5410618.8
L3930.0	503931.9	5410618.0	41656.10156	280.41	0	48.848519	-86.946405	56317.11	56244.9	5.09	56322.20	56321.60156	56318.62075	56316.51172	503931.9	5410618.0
L3930.0	503931.9	5410617.3	41656.19922	283.50	0	48.848513	-86.946405	56316.63	56244.9	5.09	56321.72	56321.12500	56318.32764	56316.25391	503931.9	5410617.3
L3930.0	503931.9	5410617.3	41656.30078	284.00	0	48.848513	-86.946405	56316.12	56244.9	5.09	56321.21	56320.61719	56318.03133	56315.99219	503931.9	5410617.3
L3930.0	503932.0	5410616.1	41656.39844	281.17	0	48.848503	-86.946405	56316.06	56244.9	5.09	56321.15	56320.55859	56317.75238	56315.74609	503932.0	5410616.1
L3930.0	503932.0	5410615.3	41656.39844	281.17	0	48.848495	-86.946404	56316.20	56244.9	5.09	56321.29	56320.69922	56317.48268	56315.50781	503932.0	5410615.3
L3930.0	503932.0	5410615.3	41656.60156	280.32	0	48.848495	-86.946404	56315.86	56244.9	5.10	56320.95	56320.36328	56317.18981	56315.25000	503932.0	5410615.3
L3930.0	503932.0	5410614.6	41656.69922	278.55	0	48.848488	-86.946404	56316.40	56244.9	5.10	56321.50	56320.91406	56316.93977	56315.02734	503932.0	5410614.6
L3930.0	503932.0	5410613.7	41656.80078	280.62	0	48.848481	-86.946404	56316.04	56244.9	5.10	56321.14	56320.55469	56316.64239	56314.76172	503932.0	5410613.7
L3930.0	503932.0	5410613.7	41656.89844	281.72	0	48.848481	-86.946404	56316.08	56244.9	5.10	56321.18	56320.59766	56316.36322	56314.51172	503932.0	5410613.7
L3930.0	503932.0	5410612.8	41657.00000	281.84	0	48.848472	-86.946404	56316.14	56244.9	5.10	56321.24	56320.65625	56316.08277	56314.25781	503932.0	5410612.8
L3930.0	503932.0	5410611.9	41657.10156	282.05	0	48.848465	-86.946404	56315.98	56244.9	5.10	56321.08	56320.49609	56315.78806	56313.99219	503932.0	5410611.9
L3930.0	503932.0	5410611.1	41657.19922	283.48	0	48.848457	-86.946404	56315.43	56244.9	5.09	56320.52	56319.93750	56315.46939	56313.69922	503932.0	5410611.1
L3930.0	503932.0	5410610.2	41657.30078	282.02	0	48.848449	-86.946404	56315.20	56244.9	5.09	56320.29	56319.70703	56315.16557	56313.42188	503932.0	5410610.2
L3930.0	503932.0	5410610.2	41657.39844	279.92	0	48.848449	-86.946404	56314.86	56244.9	5.09	56319.95	56319.36719	56314.85339	56313.13672	503932.0	5410610.2
L3930.0	503932.0	5410609.3	41657.50000	280.68	0	48.848441	-86.946404	56315.07	56244.9	5.08	56320.15	56319.56641	56314.56537	56312.87109	503932.0	5410609.3
L3930.0	503932.0	5410608.4	41657.60156	280.14	0	48.848433	-86.946404	56314.82	56244.9	5.08	56319.90	56319.31641	56314.25158	56312.58203	503932.0	5410608.4
L3930.0	503932.0	5410607.5	41657.69922	280.10	0	48.848425	-86.946404	56314.59	56244.9	5.08	56319.67	56319.08594	56313.93591	56312.28906	503932.0	5410607.5
L3930.0	503932.0	5410607.5	41657.80078	281.15	0	48.848425	-86.946404	56313.86	56244.9	5.08	56318.94	56318.35156	56313.59587	56311.96875	503932.0	5410607.5
L3930.0	503932.0	5410606.3	41657.89844	280.82	0	48.848414	-86.946404	56313.54	56244.9	5.07	56318.61	56318.02344	56313.27299	56311.66797	503932.0	5410606.3
L3930.0	503932.0	5410606.3	41658.00000	280.80	0	48.848414	-86.946404	56313.59	56244.9	5.07	56318.66	56318.07031	56312.96487	56311.38281	503932.0	5410606.3
L3930.0	503932.1	5410605.3	41658.10156	281.32	0	48.848405	-86.946404	56313.54	56244.9	5.06	56318.60	56318.00781	56312.65212	56311.08594	503932.1	5410605.3
L3930.0	503932.1	5410604.4	41658.19922	280.46	0	48.848397	-86.946403	56313.62	56244.9	5.06	56318.67	56318.07813	56312.34507	56310.80078	503932.1	5410604.4
L3930.0	503932.1	5410603.3	41658.30078	281.11	0	48.848387	-86.946403	56313.34	56244.9	5.05	56318.39	56317.79297	56312.02810	56310.50000	503932.1	5410603.3
L3930.0	503932.1	5410603.3	41658.39844	281.57	0	48.848387	-86.946403	56313.31	56245	5.05	56318.35	56317.75391	56311.72354	56310.21094	503932.1	5410603.3
L3930.0	503932.1	5410602.1	41658.39844	281.57	0	48.848377	-86.946403	56313.13	56245	5.05	56318.18	56317.57813	56311.41960	56309.92578	503932.1	5410602.1
L3930.0	503932.1	5410601.2	41658.60156	279.31	0	48.848368	-86.946403	56312.59	56245	5.03	56317.62	56317.01563	56311.10562	56309.62500	503932.1	5410601.2
L3930.0	503932.1	5410600.1	41658.69922	278.40	0	48.848359	-86.946403	56312.03	56245	5.03	56317.06	56316.45313	56310.79325	56309.32813	503932.1	5410600.1
L3930.0	503932.1	5410600.1	41658.80078	278.69	0	48.848359	-86.946403	56311.78	56245	5.02	56316.80	56316.19141	56310.49328	56309.04297	503932.1	5410600.1
L3930.0	503932.2	5410599.1	41658.89844	280.10	0	48.848349	-86.946402	56311.77	56245	5.02	56316.79	56316.17969	56310.20378	56308.76563	503932.2	5410599.1
L3930.0	503932.2	5410597.9	41659.00000	280.35	0	48.848338	-86.946402	56311.57	56245	5.01	56316.58	56315.96484	56309.90391	56308.48047	503932.2	5410597.9
L3930.0	503932.2	5410597.9	41659.10156	280.75	0	48.848338	-86.946402	56311.86	56245	5.01	56316.86	56316.24219	56309.62338	56308.21094	503932.2	5410597.9
L3930.0	503932.2	5410596.7	41659.19922	280.19	0	48.848328	-86.946402	56311.63	56245	5.01	56316.63	56316.00781	56309.31274	56307.91406	503932.2	5410596.7
L3930.0	503932.2	5410595.4	41659.30078	280.76	0	48.848316	-86.946402	56311.44	56245	5.00	56316.45	56315.82422	56308.99626	56307.60547	503932.2	5410595.4
L3930.0	503932.2	5410594.3	41659.39844	280.60	0	48.848307	-86.946402	56311.14	56245	5.00	56316.14	56315.50781	56308.66405	56307.28516	503932.2	5410594.3
L3930.0	503932.2	5410594.3	41659.39844	280.60	0	48.848307	-86.946402	56310.93	56245	5.00	56315.93	56315.29688	56308.32508	56306.95313	503932.2	5410594.3
L3930.0	503932.2	5410593.1	41659.60156	284.46	0	48.848296	-86.946402	56310.98	56245	5.00	56315.98	56315.33984	56307.98474	56306.62109	503932.2	5410593.1
L3930.0	503932.2	5410592.1	41659.69922	284.46	0	48.848287	-86.946402	56310.68	56245	5.00	56315.68	56315.03906	56307.61684	56306.26172	503932.2	5410592.1
L3930.0	503932.2	5410591.0	41659.80078	282.77	0	48.848277	-86.946401	56310.20	56245	4.99	56315.19	56314.54297	56307.23183	56305.88672	503932.2	5410591.0
L3930.0	503932.2	5410591.0	41659.80078	282.67	0	48.848277	-86.946401	56309.96	56245	4.99	56314.95	56314.30078	56306.84488	56305.50391	503932.2	5410591.0
L3930.0	503932.2	5410589.8	41659.89844	283.32	0	48.848265	-86.946401	56309.50	56245	4.99	56314.50	56313.84375	56306.44527	56305.11328	503932.2	5410589.8
L3930.0	503932.3	5410588.8	41660.00000	282.91	0	48.848257	-86.946401	56309.40	56245	4.99	56314.39	56313.73047	56306.04423	56304.71875	503932.3	5410588.8
L3930.0	503932.3	5410587.8	41660.19922	280.97	0	48.848247	-86.946401	56308.96	56245	4.98	56313.95	56313.28516	56305.63556	56304.31250	503932.3	5410587.8
L3930.0	503932.3	5410587.8	41660.30078	278.91	0	48.848247	-86.946401	56308.95	56245	4.98	56313.92	56313.25000	56305.22295	56303.90625	503932.3	5410587.8
L3930.0	503932.3	5410586.3	41660.39844	279.28	0	48.848234	-86.946400	56308.61	56245	4.97	56313.59	56312.91797	56304.81028	56303.49609	503932.3	5410586.3
L3930.0	503932.3	5410586.3	41660.39844	278.99	0	48.848234	-86.946400	56308.50	56245	4.97	56313.48	56312.80078	56304.39382	56303.08594	503932.3	5410586.3
L3930.0	503932.4	5410584.9	41660.60156	279.13	0	48.848222	-86.946400	56308.38	56245	4.97	56313.35	56312.66797	56303.97890	56302.67188	503932.4	5410584.9
L3930.0	503932.4	5410583.8	41660.69922	278.24	0	48.848212	-86.946399	56308.31	56245	4.96	56313.27	56312.58203	56303.56583	56302.26172	503932.4	5410583.8
L3930.0	503932.4	5410582.7	41660.80078	276.12	0	48.848202	-86.946399	56308.11	56245	4.96	56313.06	56312.36719	56303.16441	56301.86328	503932.4	5410582.7
L3930.0	503932.4	5410582.7	41660.89844	275.81	0	48.848202	-86.946399	56307.64	56245	4.95	56312.60	56311.90234	56302.78589	56301.48828	503932.4	5410582.7
L3930.0	503932.4	5410581.5	41661.00000	276.33	0	48.848191	-86.946399	56307.33	56245.1	4.95	56312.28	56311.57813	56302.41549	56301.12109	503932.4	5410581.5
L3930.0	503932.4	5410581.5	41661.10156	277.50	0	48.848191	-86.946399	56306.62	56245.1	4.94	56311.56	56310.85547	56302.08117	56300.78516	503932.4	5410581.5
L3930.0	503932.5	5410580.0	41661.19922	278.59	0	48.848177	-86.946398	56306.68	56245.1	4.94	56311.62	56310.91016	56301.72207	56300.42969	503932.5	5410580.0

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L3930.0	503932.5	5410578.8	41661.30078	276.64	0	48.848167	-86.946398	56306.29	56245.1	4.93	56311.22	56310.50781	56301.40300	56300.10938	503932.5	5410578.8
L3930.0	503932.5	5410577.7	41661.39844	277.19	0	48.848157	-86.946397	56306.21	56245.1	4.93	56311.14	56310.42188	56301.08654	56299.79688	503932.5	5410577.7
L3930.0	503932.6	5410576.4	41661.50000	277.69	0	48.848145	-86.946397	56305.91	56245.1	4.92	56310.83	56310.10938	56300.79854	56299.50781	503932.6	5410576.4
L3930.0	503932.6	5410576.4	41661.60156	277.13	0	48.848145	-86.946397	56305.75	56245.1	4.91	56310.67	56309.94531	56300.52260	56299.23047	503932.6	5410576.4
L3930.0	503932.6	5410575.1	41661.69922	277.26	0	48.848134	-86.946396	56305.47	56245.1	4.91	56310.38	56309.64844	56300.26566	56298.97656	503932.6	5410575.1
L3930.0	503932.6	5410575.1	41661.80078	278.78	0	48.848134	-86.946396	56305.17	56245.1	4.90	56310.07	56309.33594	56300.02102	56298.73047	503932.6	5410575.1
L3930.0	503932.6	5410573.9	41661.89844	279.12	0	48.848122	-86.946396	56304.86	56245.1	4.90	56309.75	56309.01172	56299.78501	56298.49219	503932.6	5410573.9
L3930.0	503932.6	5410573.9	41662.00000	281.45	0	48.848122	-86.946396	56304.28	56245.1	4.89	56309.17	56308.42969	56299.54887	56298.25781	503932.6	5410573.9
L3930.0	503932.7	5410572.2	41662.10156	284.22	0	48.848107	-86.946395	56304.07	56245.1	4.89	56308.95	56308.20703	56299.32068	56298.02734	503932.7	5410572.2
L3930.0	503932.7	5410571.0	41662.19922	286.07	0	48.848097	-86.946395	56303.79	56245.1	4.88	56308.67	56307.92188	56299.09095	56297.79688	503932.7	5410571.0
L3930.0	503932.7	5410571.0	41662.30078	285.52	0	48.848097	-86.946395	56303.53	56245.1	4.88	56308.41	56307.66016	56298.85987	56297.56641	503932.7	5410571.0
L3930.0	503932.8	5410569.6	41662.39844	283.50	0	48.848084	-86.946394	56303.40	56245.1	4.87	56308.28	56307.52734	56298.63356	56297.33984	503932.8	5410569.6
L3930.0	503932.8	5410568.5	41662.39844	283.50	0	48.848074	-86.946394	56303.05	56245.1	4.87	56307.92	56307.16406	56298.38079	56297.08594	503932.8	5410568.5
L3930.0	503932.8	5410567.4	41662.60156	282.58	0	48.848064	-86.946394	56302.56	56245.1	4.87	56307.43	56306.67188	56298.10051	56296.80469	503932.8	5410567.4
L3930.0	503932.8	5410567.4	41662.69922	283.28	0	48.848064	-86.946394	56302.84	56245.1	4.86	56307.71	56306.95313	56297.88077	56296.58203	503932.8	5410567.4
L3930.0	503932.8	5410566.1	41662.80078	280.27	0	48.848052	-86.946393	56302.56	56245.1	4.86	56307.42	56306.66016	56297.58824	56296.28906	503932.8	5410566.1
L3930.0	503932.8	5410565.0	41662.89844	278.57	0	48.848042	-86.946393	56302.15	56245.1	4.85	56307.00	56306.23828	56297.25983	56295.96094	503932.8	5410565.0
L3930.0	503932.8	5410565.0	41663.00000	279.86	0	48.848042	-86.946393	56301.90	56245.2	4.85	56306.75	56305.98828	56296.92914	56295.62891	503932.8	5410565.0
L3930.0	503932.8	5410563.7	41663.10156	280.52	0	48.848031	-86.946393	56301.59	56245.2	4.85	56306.43	56305.66406	56296.56765	56295.26563	503932.8	5410563.7
L3930.0	503932.8	5410562.3	41663.19922	282.74	0	48.848019	-86.946393	56301.09	56245.2	4.84	56305.93	56305.16406	56296.16248	56294.85938	503932.8	5410562.3
L3930.0	503932.8	5410561.1	41663.30078	283.36	0	48.848008	-86.946393	56300.32	56245.2	4.84	56305.16	56304.39453	56295.70582	56294.40234	503932.8	5410561.1
L3930.0	503932.8	5410561.1	41663.39844	282.15	0	48.848008	-86.946393	56300.12	56245.2	4.84	56304.95	56304.18359	56295.29676	56293.99219	503932.8	5410561.1
L3930.0	503932.8	5410559.8	41663.50000	282.32	0	48.847996	-86.946393	56299.91	56245.2	4.83	56304.74	56303.97656	56294.87129	56293.56641	503932.8	5410559.8
L3930.0	503932.8	5410558.7	41663.60156	282.10	0	48.847986	-86.946393	56299.71	56245.2	4.83	56304.54	56303.77734	56294.43244	56293.12891	503932.8	5410558.7
L3930.0	503932.9	5410557.6	41663.69922	282.72	0	48.847976	-86.946393	56299.26	56245.2	4.83	56304.09	56303.32813	56293.95749	56292.65234	503932.9	5410557.6
L3930.0	503932.9	5410557.6	41663.80078	282.59	0	48.847976	-86.946393	56299.09	56245.2	4.83	56303.92	56303.16016	56293.49954	56292.19531	503932.9	5410557.6
L3930.0	503932.9	5410556.4	41663.89844	282.23	0	48.847966	-86.946393	56299.22	56245.2	4.82	56304.05	56303.28906	56293.05671	56291.75391	503932.9	5410556.4
L3930.0	503932.9	5410555.1	41664.00000	282.08	0	48.847954	-86.946393	56298.88	56245.2	4.82	56303.70	56302.94141	56292.56976	56291.26563	503932.9	5410555.1
L3930.0	503932.9	5410554.0	41664.10156	281.68	0	48.847944	-86.946392	56298.43	56245.2	4.82	56303.25	56302.49609	56292.07423	56290.77344	503932.9	5410554.0
L3930.0	503932.9	5410554.0	41664.19922	279.08	0	48.847944	-86.946392	56297.82	56245.2	4.82	56302.64	56301.88672	56291.56891	56290.26953	503932.9	5410554.0
L3930.0	503933.0	5410552.7	41664.30078	278.88	0	48.847932	-86.946392	56297.54	56245.2	4.82	56302.36	56301.60938	56291.08067	56289.78125	503933.0	5410552.7
L3930.0	503933.0	5410551.5	41664.39844	279.51	0	48.847921	-86.946391	56296.82	56245.2	4.82	56301.64	56300.89453	56290.57126	56289.27344	503933.0	5410551.5
L3930.0	503933.1	5410550.3	41664.39844	279.51	0	48.847910	-86.946390	56296.72	56245.2	4.82	56301.54	56300.79688	56290.08447	56288.78906	503933.1	5410550.3
L3930.0	503933.1	5410550.3	41664.60156	280.19	0	48.847910	-86.946390	56296.99	56245.2	4.82	56301.81	56301.07031	56289.60130	56288.30859	503933.1	5410550.3
L3930.0	503933.1	5410549.1	41664.69922	279.16	0	48.847900	-86.946389	56296.70	56245.2	4.82	56301.51	56300.77734	56289.10053	56287.80859	503933.1	5410549.1
L3930.0	503933.2	5410547.7	41664.80078	278.86	0	48.847887	-86.946389	56296.29	56245.2	4.82	56301.11	56300.38281	56288.60132	56287.31250	503933.2	5410547.7
L3930.0	503933.2	5410547.7	41664.89844	279.21	0	48.847887	-86.946389	56295.91	56245.2	4.82	56300.73	56300.00781	56288.10809	56286.82422	503933.2	5410547.7
L3930.0	503933.3	5410546.2	41665.00000	279.33	0	48.847873	-86.946388	56295.67	56245.2	4.82	56300.49	56299.77344	56287.62214	56286.33984	503933.3	5410546.2
L3930.0	503933.3	5410545.0	41665.10156	278.04	0	48.847863	-86.946387	56295.01	56245.2	4.82	56299.82	56299.10938	56287.14694	56285.87109	503933.3	5410545.0
L3930.0	503933.4	5410543.4	41665.19922	280.17	0	48.847848	-86.946387	56294.45	56245.2	4.81	56299.26	56298.55859	56286.68341	56285.41016	503933.4	5410543.4
L3930.0	503933.4	5410543.4	41665.30078	280.62	0	48.847848	-86.946387	56293.96	56245.2	4.81	56298.77	56298.07422	56286.23197	56284.96484	503933.4	5410543.4
L3930.0	503933.4	5410542.2	41665.39844	282.00	0	48.847838	-86.946386	56293.94	56245.2	4.80	56298.74	56298.05078	56285.78675	56284.52344	503933.4	5410542.2
L3930.0	503933.4	5410541.0	41665.50000	280.14	0	48.847826	-86.946386	56293.73	56245.2	4.80	56298.53	56297.85156	56285.35573	56284.09766	503933.4	5410541.0
L3930.0	503933.4	5410541.0	41665.60156	278.66	0	48.847826	-86.946386	56293.29	56245.2	4.80	56298.09	56297.41797	56284.93969	56283.68750	503933.4	5410541.0
L3930.0	503933.4	5410539.9	41665.69922	278.53	0	48.847817	-86.946385	56293.02	56245.2	4.79	56297.82	56297.16016	56284.53295	56283.28516	503933.4	5410539.9
L3930.0	503933.5	5410538.3	41665.80078	279.05	0	48.847802	-86.946385	56292.58	56245.2	4.79	56297.37	56296.71875	56284.13857	56282.89844	503933.5	5410538.3
L3930.0	503933.5	5410538.3	41665.89844	280.26	0	48.847802	-86.946385	56292.28	56245.2	4.78	56297.06	56296.41797	56283.75260	56282.51953	503933.5	5410538.3
L3930.0	503933.5	5410537.0	41666.00000	280.83	0	48.847791	-86.946384	56291.93	56245.2	4.78	56296.71	56296.07813	56283.37543	56282.14844	503933.5	5410537.0
L3930.0	503933.6	5410535.4	41666.10156	280.02	0	48.847776	-86.946384	56291.59	56245.2	4.78	56296.36	56295.73828	56283.00577	56281.78516	503933.6	5410535.4
L3930.0	503933.6	5410535.4	41666.19922	278.96	0	48.847776	-86.946384	56291.40	56245.2	4.77	56296.17	56295.56250	56282.64525	56281.43359	503933.6	5410535.4
L3930.0	503933.6	5410533.9	41666.30078	278.64	0	48.847763	-86.946383	56291.11	56245.2	4.77	56295.87	56295.27344	56282.29160	56281.08984	503933.6	5410533.9
L3930.0	503933.6	5410532.7	41666.39844	276.98	0	48.847752	-86.946383	56290.49	56245.2	4.76	56295.26	56294.67578	56281.93801	56280.74609	503933.6	5410532.7
L3930.0	503933.6	5410532.7	41666.39844	276.98	0	48.847752	-86.946383	56290.29	56245.2	4.76	56295.05	56294.47656	56281.60306	56280.41797	503933.6	5410532.7
L3930.0	503933.7	5410531.0	41666.60156	278.11	0	48.847737	-86.946382	56289.70	56245.2	4.76	56294.46	56293.90234	56281.26243	56280.08594	503933.7	5410531.0
L3930.0	503933.7	5410529.6	41666.69922	279.10	0	48.847724	-86.946382	56289.24	56245.2	4.75	56293.99	56293.44531	56280.93237	56279.76563	503933.7	5410529.6
L3930.0	503933.7	5410528.3	41666.80078	280.20	0	48.847712	-86.946382	56288.73	56245.3	4.75	56293.48	56292.94922	56280.60503	56279.44922	503933.7	5410528.3
L3930.0	503933.7	5410528.3	41666.89844	280.31	0	48.847712	-86.946382	56288.66	56245.3	4.74	56293.40	56292.88281	56280.31437	56279.17188	503933.7	5410528.3
L3930.0	503933.7	5410526.8	41667.00000	281.97	0	48.847699	-86.946382	56288.09	56245.3	4.74	56292.83	56292.32813	56279.99558	56278.86328	503933.7	5410526.8
L3930.0	503933.7	5410525.4	41667.10156	281.16	0	48.847686	-86.946382	56287.61	56245.3	4.74	56292.35	56291.86328	56279.68517	56278.56250	503933.7	5410525.4
L3930.0	503933.7	5410525.4	41667.19922	281.70	0	48.847686	-86.946382	56286.66	56245.3	4.74	56291.40	56290.92969	56279.32055	56278.21094	503933.7	5410525.4
L3930.0	503933.7	5410523.9	41667.30078	283.29	0	48.847673	-86.946382	56286.25	56245.3	4.74	56290.99	56290.53906	56279.00234	56277.90625	503933.7	5410523.9
L3930.0	503933.7	5410522.2	41667.39844	282.31	0	48.847658	-86.946382	56285.82	56245.3	4.74	56290.56	56290.12500	56278.67068	56277.58594	503933.7	5410522.2
L3930.0	503933.7	5410522.2	41667.50000	282.35	0	48.847658	-86.946382	56285.85	56245.3	4.74	56290.58	56290.16016	56278.38627	56277.31250	503933.7	5410522.2
L3930.0	503933.7	5410520.5	41667.60156	280.08	0	48.847642	-86.946382	56285.52	56245.3	4.73	56290.25	56289.84766	56278.03830	56276.98047	503933.7	5410520.5
L3930.0	503933.7	5410518.8	41667.69922	281.74	0	48.847627	-86.946382	56285.21	56245.3	4.73	56289.94	56289.55859	56277.67191	56276.62500	503933.7	5410518.8
L3930.0	503933.7	5410518.8	41667.80078	283.63	0	48.847627	-86.946382	56284.59	56245.3	4.73	56289.33	56288.96484	56277.23296	56276.20313	503933.7	5410518.8
L3930.0	503933.7	5410517.0	41667.89844	283.95	0	48.847611	-86.946382	56284.09	56245.3	4.73	56288.82	56288.47266	56276.77740	56275.76172	503933.7	5410517.0
L3930.0	503933.7	5410515.9	41668.00000	284.11	0	48.847600	-86.946383	56283.50	56245.3	4.73	56288.23	56287.90234	56276.27274	56275.26953	503933.7	5410515.9
L3930.0	503933.6	5410514.6	41668.10156	283.77	0	48.847589	-86.946383	56283.09	56245.3	4.73	56287.82	56287.51172	56275.76069	56274.77344	503933.6	5410514.6
L3930.0	503933.6	5410514.6	41668.19922	284.25	0	48.847589	-86.946383	56282.84	56245.3	4.73	56287.57	56287.28516	56275.23605	56274.26172	503933.6	5410514.6
L3930.0	503933.6	5410514.6	41668.30078	285.04	0	48.847589	-86.946383	56282.33	56245.3	4.73	56287.06	56286.79297	56274.63555	56273.67969	503933.6	5410514.6
L3930.0	503933.6	5410512.6	41668.39844	284.53	0	48.847572	-86.946383	56281.86	56245.3	4.73	56286.58	56286.33594	56274.00770	56273.06641	503933.6	5410512.6
L3930.0	503933.6	5410511.5	41668.39844	284.53	0	48.847561	-86.946383	56281.44	56245.3	4.73	56286.16	56285.93750	56273.36114	56272.43359	503933.6	5410511.5
L3930.0	503933.6	5410510.1	41668.60156	283.01	0	48.847548	-86.946383	56280.71	56245.3	4.72	56285.44	56285.23828	56272.65839	56271.75000	503933.6	5410510.1
L3930.0	503933.6	5410510.1	41668.69922	283.26	0	48.847548	-86.946383	56280.52	56245.3	4.72	56285.24	56285.05859	56272.00734	56271.11328	503933.6	5410510.1
L3930.0	503933.6	5410508.6	41668.80078	281.56	0	48.847536	-86.946383	56279.72	56245.3	4.72	56284.45	56284.29297	56271.28610	56270.41016	503933.6	5410508.6
L3930.0	503933.6	5410507.4	41668.89844	279.80	0	48.847525	-86.946383	56279.37	56245.3	4.72	56284.09	56283.95313	56270.60641	56269.74609	503933.6	5410507.4
L3930.0	503933.6	5410505.9	41669.00000	277.75	0	48.847511	-86.946383	56278.42	56245.3	4.72	56283.14	56283.02734	56269.88174	56269.03906	503933.6	5410505.9
L3930.0	503933.6	5410505.9	41669.10156	278.25	0	48.847511	-86.946383	56278.04	56245.3	4.72	56282.76	56282.67188	56269.20969	56268.38672	503933.6	5410505.9
L3930.0	503933.7	5410504.2	41669.19922	276.63	0	48.847496	-86.946383	56277.63	56245.3	4.72	56282.35	56282.28516	56268.54328	56267.73828	503933.7	5410504.2
L3930.0	503933.7	5410502.9	41669.30078	278.30	0	48.847484	-86.946383	56276.94	56245.3	4.72	56281.66	56281.61719	56267.87466	56267.08594	503933.7	5410502.9
L3930.0	503933.7	5410501.4	41669.39844	280.73	0	48.847470	-86.946382	56276.54	56245.3	4.72	56281.26	56281.24219	56267.23454	56266.46484	503933.7	5410501.4
L3930.0	503933.7	5410501.4	41669.50000	277.33	0	48.847470	-86.946382	56276.10	56245.3	4.73	56280.83	56280.83594	56266.60783	56265.85547	503933.7	5410501.4
L3930.0	503933.7	5410499.9	41669.60156	276.97	0	48.847457	-86.946382	56276.30	56245.3	4.73	56281.02	56281.05078	56266.01464	56265.28125	503933.7	5410499.9
L3930.0	503933.7	5410498.8	41669.69922	276.81	0	48.847447	-86.946382	56275.44	56245.3	4.73	56280.17	56280.22656	56265.40790	56264.69141	503933.7	5410498.8
L3930.0	503933.7	5410498.8	41669.80078	278.84	0	48.847447	-86.946382	56275.00	56245.3	4.73	56279.72	56279.80078	56264.82884	56264.13281	503933.7	5410498.8
L3930.0	503933.7	5410497.2	41669.89844	281.11	0	48.847433	-86.946382	56274.14	56245.3	4.73	56278.87	56278.97656	56264.25701	56263.57813	503933.7	5410497.2
L3930.0	503933.7	5410495.3	41670.00000	278.56	0	48.847415	-86.946382	56273.42	56245.3	4.73	56278.15	56278.28125	56263.70323	56263.04297	503933.7	5410495.3
L3930.0	503933.7	5410495.3	41670.10156	281.11	0	48.847415	-86.946382	56272.90	56245.3	4.73	56277.63	56277.78906	56263.16692	56262.52734	503933.7	5410495.3
L3930.0	503933.7	5410494.2	41670.19922	281.10	0	48.847405	-86.946382	56272.45	56245.3	4.72	56277.17	56277.35156	56262.64087	56262.01953	503933.7	5410494.2
L3930.0	503933.7	5410492.7	41670.30078	282.27	0	48.847392	-86.946383	56271.94	56245.3	4.72	56276.66	56276.87109	56262.11779	56261.51563	503933.7	5410492.7
L3930.0	503933.7	5410491.5	41670.39844	282.15	0	48.847381	-86.946383	56271.22	56245.3	4.71	56275.94	56276.17578	56261.58996	56261.00781	503933.7	5410491.5
L3930.0	503933.7	5410490.3	41670.39844	282.15	0	48.847371	-86.946383	56270.97	56245.3	4.71	56275.68	56275.94141	56261.07886	56260.51563	503933.7	5410490.3

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L3930.0	503933.7	5410490.3	41670.60156	282.97	0	48.847371	-86.946383	56270.44	56245.3	4.71	56275.14	56275.42969	56260.55646	56260.01563	503933.7	5410490.3
L3930.0	503933.7	5410488.6	41670.69922	281.85	0	48.847355	-86.946383	56269.76	56245.3	4.70	56274.46	56274.77734	56260.02219	56259.50000	503933.7	5410488.6
L3930.0	503933.7	5410487.1	41670.80078	282.46	0	48.847341	-86.946383	56269.26	56245.3	4.70	56273.96	56274.30469	56259.48644	56258.98438	503933.7	5410487.1
L3930.0	503933.7	5410487.1	41670.89844	282.38	0	48.847341	-86.946383	56268.75	56245.3	4.69	56273.44	56273.80859	56258.93528	56258.45313	503933.7	5410487.1
L3930.0	503933.7	5410485.7	41671.00000	281.28	0	48.847329	-86.946383	56268.21	56245.3	4.69	56272.90	56273.29688	56258.36410	56257.90234	503933.7	5410485.7
L3930.0	503933.7	5410484.2	41671.10156	279.35	0	48.847315	-86.946383	56267.45	56245.3	4.69	56272.14	56272.56250	56257.76143	56257.31641	503933.7	5410484.2
L3930.0	503933.7	5410484.2	41671.19922	279.31	0	48.847315	-86.946383	56266.98	56245.3	4.69	56271.67	56272.12109	56257.15295	56256.73047	503933.7	5410484.2
L3930.0	503933.7	5410482.6	41671.30078	277.80	0	48.847301	-86.946382	56266.12	56245.3	4.69	56270.81	56271.28906	56256.50689	56256.10156	503933.7	5410482.6
L3930.0	503933.7	5410482.6	41671.39844	277.59	0	48.847301	-86.946382	56265.71	56245.3	4.69	56270.40	56270.90625	56255.86722	56255.48438	503933.7	5410482.6
L3930.0	503933.7	5410480.9	41671.50000	279.77	0	48.847286	-86.946382	56264.90	56245.3	4.68	56269.58	56270.11328	56255.19683	56254.83203	503933.7	5410480.9
L3930.0	503933.7	5410479.3	41671.60156	278.49	0	48.847272	-86.946382	56264.39	56245.3	4.68	56269.07	56269.63281	56254.53528	56254.19141	503933.7	5410479.3
L3930.0	503933.7	5410477.7	41671.69922	278.88	0	48.847257	-86.946382	56263.82	56245.3	4.68	56268.50	56269.08984	56253.87215	56253.54688	503933.7	5410477.7
L3930.0	503933.7	5410476.6	41671.80078	280.79	0	48.847247	-86.946382	56263.08	56245.3	4.68	56267.76	56268.37891	56253.20635	56252.90234	503933.7	5410476.6
L3930.0	503933.7	5410476.6	41671.89844	279.23	0	48.847247	-86.946382	56262.55	56245.3	4.68	56267.23	56267.87500	56252.55318	56252.26953	503933.7	5410476.6
L3930.0	503933.8	5410474.6	41672.00000	281.92	0	48.847230	-86.946382	56261.93	56245.3	4.68	56266.61	56267.28125	56251.90372	56251.63672	503933.8	5410474.6
L3930.0	503933.8	5410473.2	41672.10156	278.63	0	48.847216	-86.946382	56261.48	56245.3	4.68	56266.16	56266.85938	56251.26807	56251.02344	503933.8	5410473.2
L3930.0	503933.8	5410473.2	41672.19922	279.43	0	48.847216	-86.946382	56260.68	56245.3	4.68	56265.36	56266.08594	56250.62986	56250.40234	503933.8	5410473.2
L3930.0	503933.8	5410471.7	41672.30078	280.21	0	48.847203	-86.946382	56260.38	56245.3	4.68	56265.06	56265.81641	56250.01645	56249.80859	503933.8	5410471.7
L3930.0	503933.7	5410470.3	41672.39844	280.55	0	48.847190	-86.946382	56259.56	56245.3	4.68	56264.24	56265.02344	56249.39317	56249.20313	503933.7	5410470.3
L3930.0	503933.7	5410470.3	41672.39844	280.55	0	48.847190	-86.946382	56258.59	56245.3	4.68	56263.26	56264.07031	56248.76884	56248.59766	503933.7	5410470.3
L3930.0	503933.7	5410468.5	41672.60156	284.54	0	48.847174	-86.946382	56257.71	56245.3	4.67	56262.38	56263.21875	56248.15107	56248.00000	503933.7	5410468.5
L3930.0	503933.7	5410467.2	41672.69922	285.13	0	48.847162	-86.946383	56256.90	56245.3	4.67	56261.57	56262.43359	56247.53662	56247.40625	503933.7	5410467.2
L3930.0	503933.7	5410467.2	41672.80078	282.04	0	48.847162	-86.946383	56256.25	56245.3	4.67	56260.92	56261.81250	56246.92826	56246.81641	503933.7	5410467.2
L3930.0	503933.7	5410466.0	41672.89844	280.81	0	48.847152	-86.946383	56255.56	56245.3	4.67	56260.23	56261.14844	56246.31493	56246.22266	503933.7	5410466.0
L3930.0	503933.6	5410464.3	41673.00000	280.29	0	48.847136	-86.946383	56255.04	56245.3	4.67	56259.71	56260.65625	56245.70575	56245.62891	503933.6	5410464.3
L3930.0	503933.6	5410463.0	41673.10156	280.95	0	48.847125	-86.946384	56254.33	56245.3	4.67	56258.99	56259.96094	56245.08040	56245.02344	503933.6	5410463.0
L3930.0	503933.6	5410461.4	41673.19922	281.17	0	48.847111	-86.946384	56253.33	56245.3	4.66	56257.99	56258.98828	56244.43032	56244.39063	503933.6	5410461.4
L3930.0	503933.6	5410461.4	41673.30078	281.54	0	48.847111	-86.946384	56252.34	56245.3	4.65	56257.00	56258.02344	56243.77065	56243.75000	503933.6	5410461.4
L3930.0	503933.5	5410460.0	41673.39844	282.06	0	48.847098	-86.946385	56251.60	56245.3	4.65	56256.25	56257.30078	56243.11927	56243.11719	503933.5	5410460.0
L3930.0	503933.5	5410460.0	41673.50000	281.74	0	48.847098	-86.946385	56251.34	56245.4	4.64	56255.99	56257.06641	56242.49773	56242.51172	503933.5	5410460.0
L3930.0	503933.5	5410458.6	41673.60156	280.77	0	48.847085	-86.946385	56250.44	56245.4	4.64	56255.08	56256.18359	56241.82571	56241.85547	503933.5	5410458.6
L3930.0	503933.5	5410457.2	41673.69922	281.39	0	48.847073	-86.946386	56250.30	56245.4	4.64	56254.94	56256.07031	56241.20666	56241.25391	503933.5	5410457.2
L3930.0	503933.5	5410455.8	41673.80078	280.29	0	48.847061	-86.946386	56249.43	56245.4	4.63	56254.06	56255.21484	56240.52653	56240.58984	503933.5	5410455.8
L3930.0	503933.4	5410454.5	41673.89844	279.95	0	48.847049	-86.946386	56248.94	56245.4	4.63	56253.57	56254.75000	56239.87258	56239.95313	503933.4	5410454.5
L3930.0	503933.4	5410454.5	41674.00000	279.75	0	48.847049	-86.946386	56247.42	56245.4	4.62	56252.04	56253.24609	56239.12807	56239.22656	503933.4	5410454.5
L3930.0	503933.4	5410453.4	41674.10156	280.42	0	48.847038	-86.946387	56246.90	56245.4	4.62	56251.52	56252.75000	56238.46259	56238.57813	503933.4	5410453.4
L3930.0	503933.4	5410451.4	41674.19922	281.48	0	48.847021	-86.946387	56245.98	56245.4	4.61	56250.59	56251.84375	56237.75762	56237.88672	503933.4	5410451.4
L3930.0	503933.4	5410451.4	41674.30078	281.33	0	48.847021	-86.946387	56245.14	56245.4	4.61	56249.76	56251.03906	56237.05669	56237.20313	503933.4	5410451.4
L3930.0	503933.4	5410450.0	41674.39844	281.65	0	48.847008	-86.946387	56244.14	56245.4	4.61	56248.75	56250.05469	56236.33458	56236.49609	503933.4	5410450.0
L3930.0	503933.4	5410450.0	41674.39844	281.65	0	48.847008	-86.946387	56243.28	56245.4	4.61	56247.89	56249.21875	56235.62133	56235.79688	503933.4	5410450.0
L3930.0	503933.4	5410447.1	41674.60156	281.51	0	48.846982	-86.946387	56243.26	56245.4	4.60	56247.86	56249.21094	56234.98309	56235.17578	503933.4	5410447.1
L3930.0	503933.4	5410447.1	41674.69922	281.93	0	48.846982	-86.946387	56242.15	56245.4	4.60	56246.75	56248.12500	56234.23623	56234.44141	503933.4	5410447.1
L3930.0	503933.3	5410445.5	41674.80078	281.38	0	48.846968	-86.946388	56241.73	56245.4	4.60	56246.32	56247.71875	56233.55028	56233.76953	503933.3	5410445.5
L3930.0	503933.3	5410443.9	41674.89844	280.81	0	48.846953	-86.946388	56240.44	56245.4	4.59	56245.03	56246.44922	56232.77160	56233.00391	503933.3	5410443.9
L3930.0	503933.3	5410443.9	41675.00000	281.89	0	48.846953	-86.946388	56240.34	56245.4	4.59	56244.93	56246.37109	56232.10569	56232.35156	503933.3	5410443.9
L3930.0	503933.3	5410442.5	41675.10156	282.41	0	48.846940	-86.946388	56239.40	56245.4	4.59	56243.99	56245.45313	56231.34413	56231.60547	503933.3	5410442.5
L3930.0	503933.3	5410440.9	41675.19922	284.50	0	48.846926	-86.946388	56238.45	56245.4	4.59	56243.04	56244.52734	56230.56966	56230.84375	503933.3	5410440.9
L3930.0	503933.3	5410440.9	41675.30078	285.09	0	48.846926	-86.946388	56237.64	56245.4	4.59	56242.23	56243.73828	56229.79675	56230.08203	503933.3	5410440.9
L3930.0	503933.3	5410439.0	41675.39844	283.94	0	48.846909	-86.946388	56236.42	56245.4	4.59	56241.01	56242.53906	56228.96822	56229.26953	503933.3	5410439.0
L3930.0	503933.3	5410437.6	41675.50000	283.74	0	48.846897	-86.946389	56235.96	56245.4	4.59	56240.55	56242.10156	56228.20332	56228.51563	503933.3	5410437.6
L3930.0	503933.3	5410435.7	41675.60156	282.64	0	48.846879	-86.946389	56234.86	56245.4	4.60	56239.45	56241.01953	56227.36033	56227.68359	503933.3	5410435.7
L3930.0	503933.3	5410435.7	41675.69922	282.52	0	48.846879	-86.946389	56234.29	56245.4	4.60	56238.89	56240.48047	56226.55606	56226.89063	503933.3	5410435.7
L3930.0	503933.3	5410434.2	41675.80078	281.57	0	48.846866	-86.946389	56233.22	56245.4	4.60	56237.82	56239.43359	56225.69084	56226.03906	503933.3	5410434.2
L3930.0	503933.3	5410432.8	41675.89844	280.31	0	48.846853	-86.946389	56232.52	56245.4	4.60	56237.12	56238.75000	56224.84730	56225.20313	503933.3	5410432.8
L3930.0	503933.3	5410431.4	41676.00000	283.07	0	48.846841	-86.946389	56231.46	56245.4	4.60	56236.06	56237.71094	56223.96305	56224.33203	503933.3	5410431.4
L3930.0	503933.3	5410431.4	41676.10156	283.34	0	48.846841	-86.946389	56230.46	56245.4	4.60	56235.05	56236.71875	56223.07578	56223.45313	503933.3	5410431.4
L3930.0	503933.3	5410430.0	41676.19922	282.74	0	48.846828	-86.946388	56229.50	56245.4	4.59	56234.10	56235.78906	56222.18619	56222.57422	503933.3	5410430.0
L3930.0	503933.3	5410430.0	41676.30078	280.22	0	48.846828	-86.946388	56228.35	56245.4	4.59	56232.94	56234.64844	56221.27788	56221.67578	503933.3	5410430.0
L3930.0	503933.3	5410428.5	41676.39844	280.24	0	48.846815	-86.946388	56227.63	56245.4	4.59	56232.22	56233.94531	56220.39158	56220.80078	503933.3	5410428.5
L3930.0	503933.3	5410427.0	41676.39844	280.24	0	48.846801	-86.946388	56226.42	56245.4	4.59	56231.01	56232.75391	56219.47514	56219.89063	503933.3	5410427.0
L3930.0	503933.3	5410425.6	41676.60156	281.25	0	48.846789	-86.946388	56225.80	56245.4	4.58	56230.38	56232.14063	56218.58303	56219.00781	503933.3	5410425.6
L3930.0	503933.3	5410425.6	41676.69922	278.26	0	48.846789	-86.946388	56224.67	56245.4	4.58	56229.25	56231.02734	56217.66815	56218.10156	503933.3	5410425.6
L3930.0	503933.3	5410424.0	41676.80078	278.59	0	48.846774	-86.946388	56223.75	56245.4	4.58	56228.33	56230.12109	56216.76071	56217.20313	503933.3	5410424.0
L3930.0	503933.3	5410422.6	41676.89844	279.41	0	48.846762	-86.946388	56222.48	56245.4	4.57	56227.05	56228.85938	56215.84630	56216.29688	503933.3	5410422.6
L3930.0	503933.3	5410421.0	41677.00000	279.93	0	48.846747	-86.946388	56221.90	56245.4	4.57	56226.47	56228.29297	56214.94694	56215.40234	503933.3	5410421.0
L3930.0	503933.3	5410421.0	41677.10156	280.88	0	48.846747	-86.946388	56221.07	56245.4	4.57	56225.64	56227.48047	56214.04380	56214.50781	503933.3	5410421.0
L3930.0	503933.3	5410419.6	41677.19922	280.82	0	48.846735	-86.946388	56220.08	56245.4	4.57	56224.65	56226.50391	56213.14249	56213.61328	503933.3	5410419.6
L3930.0	503933.4	5410418.4	41677.30078	282.61	0	48.846724	-86.946388	56218.48	56245.4	4.57	56223.05	56224.92188	56212.24812	56212.72656	503933.4	5410418.4
L3930.0	503933.4	5410416.9	41677.39844	281.42	0	48.846711	-86.946388	56216.81	56245.4	4.57	56221.38	56223.26563	56211.36503	56211.84766	503933.4	5410416.9
L3930.0	503933.4	5410416.9	41677.50000	281.72	0	48.846711	-86.946388	56215.77	56245.4	4.57	56220.35	56222.25000	56210.48500	56210.97266	503933.4	5410416.9
L3930.0	503933.4	5410415.5	41677.60156	279.86	0	48.846698	-86.946388	56215.18	56245.4	4.58	56219.76	56221.67188	56209.60420	56210.09766	503933.4	5410415.5
L3930.0	503933.4	5410413.9	41677.69922	277.36	0	48.846683	-86.946388	56214.64	56245.4	4.58	56219.22	56221.14453	56208.72644	56209.22656	503933.4	5410413.9
L3930.0	503933.4	5410413.9	41677.80078	278.19	0	48.846683	-86.946388	56213.58	56245.4	4.58	56218.16	56220.09766	56207.86344	56208.36719	503933.4	5410413.9
L3930.0	503933.3	5410412.3	41677.89844	279.82	0	48.846669	-86.946388	56212.68	56245.4	4.58	56217.26	56219.21094	56207.00400	56207.51172	503933.3	5410412.3
L3930.0	503933.3	5410410.9	41678.00000	279.79	0	48.846656	-86.946388	56211.59	56245.4	4.58	56216.17	56218.13281	56206.15392	56206.66797	503933.3	5410410.9
L3930.0	503933.3	5410410.9	41678.10156	279.90	0	48.846656	-86.946388	56210.25	56245.4	4.58	56214.83	56216.80469	56205.31273	56205.83203	503933.3	5410410.9
L3930.0	503933.3	5410409.4	41678.19922	279.42	0	48.846643	-86.946389	56208.75	56245.4	4.58	56213.33	56215.31641	56204.47661	56205.00000	503933.3	5410409.4
L3930.0	503933.2	5410407.6	41678.30078	279.72	0	48.846627	-86.946389	56207.96	56245.4	4.58	56212.54	56214.53906	56203.63106	56204.15625	503933.2	5410407.6
L3930.0	503933.2	5410406.5	41678.39844	278.68	0	48.846617	-86.946390	56206.42	56245.4	4.58	56211.01	56213.01953	56202.79493	56203.32422	503933.2	5410406.5
L3930.0	503933.2	5410406.5	41678.39844	278.68	0	48.846617	-86.946390	56205.86	56245.4	4.58	56210.45	56212.47266	56201.94583	56202.47656	503933.2	5410406.5
L3930.0	503933.2	5410405.1	41678.60156	277.41	0	48.846604	-86.946390	56204.92	56245.4	4.59	56209.51	56211.54297	56201.09708	56201.63281	503933.2	5410405.1
L3930.0	503933.2	5410403.8	41678.69922	277.47	0	48.846593	-86.946391	56204.64	56245.4	4.59	56209.22	56211.26172	56200.24012	56200.77734	503933.2	5410403.8
L3930.0	503933.1	5410402.5	41678.80078	278.35	0	48.846580	-86.946391	56202.96	56245.4	4.59	56207.54	56209.58984	56199.37914	56199.91797	503933.1	5410402.5
L3930.0	503933.1	5410402.5	41678.89844	279.64	0	48.846580	-86.946391	56202.04	56245.4	4.59	56206.63	56208.69141	56198.50603	56199.04688	503933.1	5410402.5
L3930.0	503933.1	5410400.9	41679.00000	280.14	0	48.846566	-86.946391	56200.35	56245.4	4.59	56204.94	56207.01172	56197.62595	56198.16797	503933.1	5410400.9
L3930.0	503933.1	5410399.5	41679.10156	281.23	0	48.846554	-86.946392	56199.66	56245.4	4.59	56204.25	56206.32813	56196.73775	56197.28125	503933.1	5410399.5
L3930.0	503933.0	5410398.0	41679.19922	279.93	0	48.846540	-86.946393	56198.78	56245.4	4.59	56203.36	56205.44922	56195.84342	56196.39063	503933.0	5410398.0
L3930.0	503933.0	5410396.7	41679.30078	280.61	0	48.846528	-86.946393	56197.70	56245.4	4.59	56202.29	56204.38672	56194.94413	56195.49219	503933.0	5410396.7
L3930.0	503933.0	5410396.7	41679.39844	280.77	0	48.846528	-86.946393	56196.96	56245.4	4.59	56201.54	56203.64453	56194.03804	56194.58594	503933.0	5410396.7
L3930.0	503933.0	5410395.5	41679.50000	280.88	0	48.846517	-86.946393	56195.60	56245.4	4.58	56200.19	56202.30469	56193.13478	56193.68750	503933.0	5410395.5
L3930.0	503933.0	5410395.5	41679.60156	282.45	0	48.846517	-86.946393	56194.86	56245.4	4.58	56199.45	56201.57031	56192.22303	56192.77344	503933.0	5410395.5
L3930.0	503932.9	5410393.7	41679.69922	280.77	0	48.846502	-86.946394	56192.91	56245.4	4.58	56197.49	56199.61719	56191.33177	56191.88281	503932.9	5410393.7
L3930.0	503932.9	5410392.4	41679.80078	280.82	0	48.846489	-86.946394	56191.81	56245.4	4.58	56196.39	56198.52734	56190.42900	56190.98438	503932.9	5410392.4

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L3930.0	503932.9	5410391.1	41679.89844	281.77	0	48.846478	-86.946395	56190.39	56245.4	4.58	56194.98	56197.12109	56189.53608	56190.08984	503932.9	5410391.1
L3930.0	503932.9	5410391.1	41680.00000	281.24	0	48.846478	-86.946395	56189.39	56245.4	4.58	56193.97	56196.12109	56188.63765	56189.19141	503932.9	5410391.1
L3930.0	503932.8	5410390.0	41680.10156	280.06	0	48.846468	-86.946395	56188.11	56245.4	4.58	56192.69	56194.84766	56187.74851	56188.30469	503932.8	5410390.0
L3930.0	503932.8	5410388.7	41680.19922	277.89	0	48.846457	-86.946395	56186.80	56245.4	4.59	56191.39	56193.55078	56186.86205	56187.41797	503932.8	5410388.7
L3930.0	503932.8	5410387.7	41680.30078	277.20	0	48.846448	-86.946396	56186.44	56245.4	4.59	56191.03	56193.19922	56185.95026	56186.50781	503932.8	5410387.7
L3930.0	503932.8	5410387.7	41680.39844	277.96	0	48.846448	-86.946396	56185.75	56245.4	4.60	56190.35	56192.52344	56185.04850	56185.60547	503932.8	5410387.7
L3930.0	503932.8	5410386.3	41680.39844	277.96	0	48.846435	-86.946396	56185.12	56245.4	4.60	56189.72	56191.90234	56184.14621	56184.70313	503932.8	5410386.3
L3930.0	503932.7	5410384.9	41680.60156	277.48	0	48.846422	-86.946396	56183.40	56245.4	4.60	56188.01	56190.19531	56183.27701	56183.83594	503932.7	5410384.9
L3930.0	503932.7	5410384.9	41680.69922	279.01	0	48.846422	-86.946396	56182.41	56245.4	4.61	56187.02	56189.21094	56182.38703	56182.94531	503932.7	5410384.9
L3930.0	503932.7	5410383.7	41680.80078	256.09	0	48.846412	-86.946397	56180.42	56245.4	4.61	56185.03	56187.22656	56181.52744	56182.08594	503932.7	5410383.7
L3930.0	503932.7	5410382.4	41680.89844	257.37	0	48.846400	-86.946397	56179.10	56245.4	4.62	56183.71	56185.91406	56180.64841	56181.20703	503932.7	5410382.4
L3930.0	503932.7	5410380.7	41681.00000	282.68	0	48.846384	-86.946398	56177.71	56245.4	4.62	56182.33	56184.53906	56179.77242	56180.33203	503932.7	5410380.7
L3930.0	503932.7	5410380.7	41681.10156	281.65	0	48.846384	-86.946398	56176.65	56245.4	4.62	56181.27	56183.48438	56178.88847	56179.44922	503932.7	5410380.7
L3930.0	503932.6	5410379.4	41681.19922	280.64	0	48.846373	-86.946398	56175.87	56245.4	4.62	56180.49	56182.70703	56177.99858	56178.55859	503932.6	5410379.4
L3930.0	503932.6	5410378.3	41681.30078	279.87	0	48.846363	-86.946398	56174.60	56245.4	4.61	56179.22	56181.44141	56177.12477	56177.68750	503932.6	5410378.3
L3930.0	503932.6	5410378.3	41681.39844	281.38	0	48.846363	-86.946398	56173.94	56245.4	4.61	56178.55	56180.77734	56176.23745	56176.80078	503932.6	5410378.3
L3930.0	503932.6	5410376.8	41681.50000	282.87	0	48.846350	-86.946399	56172.43	56245.4	4.61	56177.04	56179.26953	56175.37201	56175.93750	503932.6	5410376.8
L3930.0	503932.6	5410375.5	41681.60156	281.86	0	48.846338	-86.946399	56171.68	56245.4	4.61	56176.29	56178.52734	56174.49095	56175.05859	503932.6	5410375.5
L3930.0	503932.5	5410374.4	41681.69922	281.27	0	48.846328	-86.946399	56170.36	56245.4	4.61	56174.96	56177.19922	56173.62187	56174.18750	503932.5	5410374.4
L3930.0	503932.5	5410374.4	41681.80078	281.15	0	48.846328	-86.946399	56169.54	56245.4	4.60	56174.15	56176.39453	56172.74498	56173.31250	503932.5	5410374.4
L3930.0	503932.5	5410374.4	41681.89844	279.53	0	48.846328	-86.946399	56168.15	56245.4	4.60	56172.75	56175.00000	56171.87640	56172.44531	503932.5	5410374.4
L3930.0	503932.5	5410371.9	41682.00000	278.12	0	48.846306	-86.946400	56166.75	56245.4	4.60	56171.35	56173.60156	56171.00803	56171.58203	503932.5	5410371.9
L3930.0	503932.5	5410371.9	41682.10156	277.97	0	48.846306	-86.946400	56165.30	56245.4	4.60	56169.90	56172.15625	56170.14158	56170.71484	503932.5	5410371.9
L3930.0	503932.5	5410370.7	41682.19922	278.09	0	48.846295	-86.946400	56164.18	56245.4	4.60	56168.78	56171.04297	56169.27456	56169.85156	503932.5	5410370.7
L3930.0	503932.5	5410369.6	41682.30078	278.35	0	48.846284	-86.946400	56163.24	56245.4	4.61	56167.85	56170.11719	56168.40898	56168.98828	503932.5	5410369.6
L3930.0	503932.5	5410368.5	41682.39844	261.07	0	48.846274	-86.946400	56162.18	56245.4	4.61	56166.79	56169.05859	56167.54854	56168.13281	503932.5	5410368.5
L3930.0	503932.5	5410368.5	41682.39844	261.07	0	48.846274	-86.946400	56161.56	56245.4	4.61	56166.16	56168.43359	56166.68609	56167.27344	503932.5	5410368.5
L3930.0	503932.5	5410367.6	41682.60156	280.40	0	48.846267	-86.946400	56160.28	56245.4	4.61	56164.89	56167.16797	56165.83683	56166.42578	503932.5	5410367.6
L3930.0	503932.5	5410366.6	41682.69922	278.83	0	48.846257	-86.946400	56159.24	56245.4	4.61	56163.86	56166.14063	56164.98840	56165.58203	503932.5	5410366.6
L3930.0	503932.5	5410365.5	41682.80078	279.59	0	48.846248	-86.946400	56157.88	56245.4	4.62	56162.50	56164.78516	56164.15124	56164.75000	503932.5	5410365.5
L3930.0	503932.5	5410364.7	41682.89844	280.80	0	48.846240	-86.946400	56156.92	56245.4	4.62	56161.54	56163.83203	56163.30986	56163.91016	503932.5	5410364.7
L3930.0	503932.5	5410364.7	41683.00000	281.12	0	48.846240	-86.946400	56155.78	56245.4	4.62	56160.40	56162.69531	56162.47581	56163.08203	503932.5	5410364.7
L3930.0	503932.4	5410363.7	41683.10156	284.14	0	48.846231	-86.946401	56154.82	56245.4	4.62	56159.44	56161.73828	56161.64058	56162.25391	503932.4	5410363.7
L3930.0	503932.4	5410363.7	41683.19922	284.37	0	48.846231	-86.946401	56153.53	56245.4	4.62	56158.15	56160.45313	56160.81665	56161.43359	503932.4	5410363.7
L3930.0	503932.4	5410362.4	41683.30078	284.21	0	48.846220	-86.946401	56152.70	56245.4	4.62	56157.32	56159.62891	56159.98412	56160.60547	503932.4	5410362.4
L3930.0	503932.4	5410361.6	41683.39844	279.52	0	48.846213	-86.946401	56152.34	56245.4	4.62	56156.96	56159.26953	56159.14349	56159.77344	503932.4	5410361.6
L3930.0	503932.4	5410360.3	41683.50000	279.09	0	48.846201	-86.946401	56151.31	56245.4	4.62	56155.92	56158.23438	56158.32269	56158.95703	503932.4	5410360.3
L3930.0	503932.4	5410359.5	41683.60156	278.95	0	48.846194	-86.946402	56150.49	56245.4	4.61	56155.10	56157.42188	56157.50053	56158.14453	503932.4	5410359.5
L3930.0	503932.4	5410359.5	41683.69922	279.62	0	48.846194	-86.946402	56149.34	56245.4	4.61	56153.95	56156.27344	56156.68951	56157.33984	503932.4	5410359.5
L3930.0	503932.3	5410358.6	41683.80078	278.26	0	48.846186	-86.946402	56148.55	56245.4	4.61	56153.16	56155.48828	56155.87629	56156.53516	503932.3	5410358.6
L3930.0	503932.3	5410357.7	41683.89844	276.51	0	48.846178	-86.946402	56147.25	56245.4	4.61	56151.86	56154.19531	56155.07843	56155.74609	503932.3	5410357.7
L3930.0	503932.3	5410357.7	41684.00000	275.74	0	48.846178	-86.946402	56146.14	56245.4	4.61	56150.75	56153.08984	56154.28242	56154.95703	503932.3	5410357.7
L3930.0	503932.3	5410356.9	41684.10156	275.57	0	48.846171	-86.946403	56145.23	56245.4	4.61	56149.84	56152.18359	56153.48793	56154.17188	503932.3	5410356.9
L3930.0	503932.2	5410355.7	41684.19922	278.29	0	48.846160	-86.946403	56144.61	56245.4	4.61	56149.22	56151.57031	56152.69275	56153.38672	503932.2	5410355.7
L3930.0	503932.2	5410354.7	41684.30078	279.56	0	48.846150	-86.946404	56143.46	56245.4	4.62	56148.08	56150.43359	56151.91141	56152.61328	503932.2	5410354.7
L3930.0	503932.2	5410354.7	41684.39844	280.57	0	48.846150	-86.946404	56142.70	56245.4	4.62	56147.32	56149.67969	56151.12713	56151.83984	503932.2	5410354.7
L3930.0	503932.2	5410353.6	41684.39844	280.57	0	48.846141	-86.946404	56141.99	56245.4	4.62	56146.61	56148.97656	56150.34610	56151.07031	503932.2	5410353.6
L3930.0	503932.2	5410352.8	41684.60156	281.11	0	48.846134	-86.946404	56141.16	56245.4	4.62	56145.79	56148.16016	56149.57110	56150.30859	503932.2	5410352.8
L3930.0	503932.2	5410352.1	41684.69922	281.15	0	48.846127	-86.946405	56139.97	56245.4	4.62	56144.59	56146.96484	56148.80565	56149.55469	503932.2	5410352.1
L3930.0	503932.2	5410352.1	41684.80078	281.82	0	48.846127	-86.946405	56138.60	56245.4	4.63	56143.23	56145.61328	56148.04508	56148.80469	503932.2	5410352.1
L3930.0	503932.2	5410350.9	41684.89844	278.04	0	48.846117	-86.946405	56137.26	56245.4	4.63	56141.89	56144.27734	56147.28661	56148.05859	503932.2	5410350.9
L3930.0	503932.1	5410350.1	41685.00000	276.94	0	48.846109	-86.946405	56136.22	56245.4	4.63	56140.85	56143.24219	56146.52818	56147.31641	503932.1	5410350.1
L3930.0	503932.1	5410350.1	41685.10156	277.62	0	48.846109	-86.946405	56135.45	56245.4	4.63	56140.08	56142.48047	56145.77264	56146.57422	503932.1	5410350.1
L3930.0	503932.1	5410349.3	41685.19922	279.65	0	48.846102	-86.946405	56135.12	56245.4	4.64	56139.76	56142.16406	56145.02160	56145.83594	503932.1	5410349.3
L3930.0	503932.1	5410348.7	41685.30078	259.60	0	48.846096	-86.946405	56133.67	56245.4	4.64	56138.31	56140.72266	56144.28280	56145.11328	503932.1	5410348.7
L3930.0	503932.2	5410347.8	41685.39844	260.18	0	48.846088	-86.946405	56132.76	56245.4	4.65	56137.40	56139.82031	56143.54907	56144.39453	503932.2	5410347.8
L3930.0	503932.2	5410347.8	41685.50000	284.29	0	48.846088	-86.946405	56132.11	56245.4	4.65	56136.76	56139.18359	56142.82314	56143.68359	503932.2	5410347.8
L3930.0	503932.2	5410347.0	41685.60156	284.20	0	48.846081	-86.946405	56131.50	56245.3	4.65	56136.15	56138.58203	56142.10575	56142.98438	503932.2	5410347.0
L3930.0	503932.2	5410346.4	41685.69922	281.72	0	48.846076	-86.946405	56130.92	56245.3	4.66	56135.58	56138.01953	56141.39672	56142.28906	503932.2	5410346.4
L3930.0	503932.2	5410345.7	41685.80078	284.15	0	48.846070	-86.946405	56130.03	56245.3	4.66	56134.69	56137.13672	56140.69590	56141.60547	503932.2	5410345.7
L3930.0	503932.2	5410345.7	41685.89844	281.25	0	48.846070	-86.946405	56129.30	56245.3	4.67	56133.96	56136.41406	56140.00285	56140.92969	503932.2	5410345.7
L3930.0	503932.2	5410344.9	41686.00000	281.37	0	48.846062	-86.946405	56129.24	56245.3	4.67	56133.91	56136.37109	56139.31591	56140.26172	503932.2	5410344.9
L3930.0	503932.2	5410344.2	41686.10156	279.99	0	48.846056	-86.946405	56128.47	56245.3	4.67	56133.14	56135.60938	56138.63627	56139.60156	503932.2	5410344.2
L3930.0	503932.2	5410344.2	41686.19922	279.77	0	48.846056	-86.946405	56127.88	56245.3	4.67	56132.55	56135.02734	56137.96233	56138.94922	503932.2	5410344.2
L3930.0	503932.2	5410343.5	41686.30078	278.30	0	48.846050	-86.946404	56127.20	56245.3	4.67	56131.86	56134.34375	56137.29450	56138.30078	503932.2	5410343.5
L3930.0	503932.2	5410343.5	41686.39844	277.69	0	48.846050	-86.946404	56125.96	56245.3	4.67	56130.63	56133.12109	56136.63355	56137.66016	503932.2	5410343.5
L3930.0	503932.2	5410342.7	41686.39844	277.69	0	48.846043	-86.946404	56125.30	56245.3	4.67	56129.97	56132.47266	56135.97289	56137.01953	503932.2	5410342.7
L3930.0	503932.2	5410342.3	41686.60156	275.97	0	48.846039	-86.946404	56124.70	56245.3	4.67	56129.37	56131.87891	56135.31447	56136.38281	503932.2	5410342.3
L3930.0	503932.2	5410341.7	41686.69922	280.47	0	48.846033	-86.946404	56124.26	56245.3	4.67	56128.93	56131.44922	56134.65814	56135.74609	503932.2	5410341.7
L3930.0	503932.2	5410341.0	41686.80078	279.35	0	48.846027	-86.946404	56123.81	56245.3	4.67	56128.48	56131.00781	56134.00535	56135.11719	503932.2	5410341.0
L3930.0	503932.2	5410340.5	41686.89844	278.84	0	48.846023	-86.946404	56123.20	56245.3	4.67	56127.87	56130.40625	56133.35491	56134.48828	503932.2	5410340.5
L3930.0	503932.2	5410340.5	41687.00000	280.41	0	48.846023	-86.946404	56122.57	56245.3	4.67	56127.24	56129.78516	56132.70551	56133.86328	503932.2	5410340.5
L3930.0	503932.2	5410340.0	41687.10156	280.92	0	48.846018	-86.946404	56122.06	56245.3	4.67	56126.73	56129.28516	56132.05708	56133.23828	503932.2	5410340.0
L3930.0	503932.2	5410339.3	41687.19922	284.58	0	48.846013	-86.946404	56121.06	56245.3	4.67	56125.72	56128.28125	56131.39961	56132.60547	503932.2	5410339.3
L3930.0	503932.2	5410338.8	41687.30078	284.35	0	48.846008	-86.946404	56120.42	56245.3	4.67	56125.09	56127.66016	56130.74006	56131.96875	503932.2	5410338.8
L3930.0	503932.2	5410338.8	41687.39844	281.26	0	48.846008	-86.946404	56120.09	56245.3	4.67	56124.76	56127.33984	56130.08394	56131.33594	503932.2	5410338.8
L3930.0	503932.2	5410338.3	41687.50000	279.85	0	48.846003	-86.946404	56119.66	56245.3	4.67	56124.33	56126.92188	56129.42309	56130.70313	503932.2	5410338.3
L3930.0	503932.2	5410337.8	41687.60156	278.39	0	48.845999	-86.946404	56119.31	56245.3	4.67	56123.97	56126.57031	56128.76618	56130.07031	503932.2	5410337.8
L3930.0	503932.2	5410337.4	41687.69922	277.25	0	48.845995	-86.946404	56118.88	56245.3	4.67	56123.55	56126.16016	56128.10877	56129.43750	503932.2	5410337.4
L3930.0	503932.2	5410337.4	41687.80078	276.79	0	48.845995	-86.946404	56118.24	56245.3	4.67	56122.91	56125.53125	56127.43614	56128.79297	503932.2	5410337.4
L3930.0	503932.2	5410336.7	41687.89844	278.05	0	48.845989	-86.946404	56117.59	56245.3	4.67	56122.26	56124.89063	56126.76169	56128.14453	503932.2	5410336.7
L3930.0	503932.2	5410336.4	41688.00000	277.32	0	48.845986	-86.946404	56117.00	56245.3	4.67	56121.67	56124.31250	56126.09513	56127.50781	503932.2	5410336.4
L3930.0	503932.2	5410336.4	41688.10156	279.84	0	48.845986	-86.946404	56116.55	56245.3	4.67	56121.22	56123.87109	56125.45266	56126.89063	503932.2	5410336.4
L3930.0	503932.2	5410336.0	41688.19922	281.17	0	48.845982	-86.946404	56115.95	56245.3	4.67	56120.61	56123.27344	56124.79605	56126.26172	503932.2	5410336.0
L3930.0	503932.2	5410335.5	41688.30078	283.34	0	48.845978	-86.946404	56115.56	56245.3	4.67	56120.23	56122.90234	56124.18587	56125.67969	503932.2	5410335.5
L3930.0	503932.2	5410335.0	41688.39844	284.01	0	48.845973	-86.946404	56115.18	56245.3	4.67	56119.85	56122.53516	56123.59217	56125.11328	503932.2	5410335.0
L3930.0	503932.2	5410335.0	41688.39844	284.01	0	48.845973	-86.946404	56114.88	56245.3	4.67	56119.54	56122.23438	56123.02832	56124.58203	503932.2	5410335.0
L3930.0	503932.3	5410334.4	41688.60156	284.36	0	48.845968	-86.946404	56114.30	56245.3	4.66	56118.96	56121.66797	56122.42550	56124.00781	503932.3	5410334.4
L3930.0	503932.3	5410334.0	41688.69922	284.48	0	48.845965	-86.946403	56113.87	56245.3	4.66	56118.53	56121.24609	56121.86543	56123.47656	503932.3	5410334.0
L3930.0	503932.3	5410333.7	41688.80078	288.67	0	48.845962	-86.946403	56113.66	56245.3	4.66	56118.33	56121.05859	56121.36800	56123.00781	503932.3	5410333.7
L3930.0	503932.3	5410333.7	41688.89844	287.74	0	48.845962	-86.946403	56113.32	56245.3	4.66	56117.98	56120.71875	56120.85038	56122.51953	503932.3	5410333.7
L3930.0	503932.3	5410333.4	41689.00000	287.01	0	48.845959	-86.946404	56112.85	56245.3	4.66	56117.51	56120.26172	56120.31650	56122.01563	503932.3	5410333.4
L3930.0	503932.2	5410333.1	41689.10156	287.23	0	48.845956	-86.946404	56111.87	56245.3	4.66	56116.54	56119.30078	56119.67880	56121.41016	503932.2	5410333.1

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L3930.0	503932.2	5410333.1	41689.19922	285.77	0	48.845956	-86.946404	56111.18	56245.3	4.67	56115.85	56118.62500	56119.11522	56120.87500	503932.2	5410333.1
L3930.0	503932.2	5410332.8	41689.30078	285.77	0	48.845954	-86.946404	56111.21	56245.3	4.67	56115.88	56118.66406	56118.72183	56120.51172	503932.2	5410332.8
L3930.0	503932.2	5410332.5	41689.39844	287.50	0	48.845951	-86.946405	56111.34	56245.3	4.68	56116.02	56118.81641	56118.35442	56120.17578	503932.2	5410332.5
L3930.0	503932.2	5410332.5	41689.39844	284.53	0	48.845951	-86.946405	56111.36	56245.3	4.68	56116.04	56118.84766	56117.95904	56119.81250	503932.2	5410332.5
L3930.0	503932.1	5410332.2	41689.60156	282.75	0	48.845948	-86.946405	56111.32	56245.3	4.68	56116.00	56118.82031	56117.54793	56119.43359	503932.1	5410332.2
L3930.0	503932.1	5410331.9	41689.69922	279.55	0	48.845946	-86.946406	56111.04	56245.3	4.69	56115.72	56118.55078	56117.08580	56119.00391	503932.1	5410331.9
L3930.0	503932.1	5410331.7	41689.80078	279.55	0	48.845944	-86.946406	56110.84	56245.3	4.69	56115.53	56118.37500	56116.63887	56118.58594	503932.1	5410331.7
L3930.0	503932.0	5410331.5	41689.89844	279.61	0	48.845942	-86.946406	56110.68	56245.3	4.70	56115.38	56118.23828	56116.19408	56118.17188	503932.0	5410331.5
L3930.0	503932.0	5410331.3	41689.89844	279.61	0	48.845940	-86.946407	56110.55	56245.3	4.70	56115.25	56118.11719	56115.74538	56117.75781	503932.0	5410331.3
L3930.0	503932.0	5410331.3	41690.00000	280.35	0	48.845940	-86.946407	56110.38	56245.3	4.70	56115.08	56117.96094	56115.28153	56117.32422	503932.0	5410331.3
L3930.0	503932.0	5410331.1	41690.19922	281.84	0	48.845938	-86.946407	56110.02	56245.3	4.71	56114.73	56117.62109	56114.78379	56116.85938	503932.0	5410331.1
L3930.0	503932.0	5410331.1	41690.30078	281.84	0	48.845938	-86.946407	56110.23	56245.3	4.71	56114.94	56117.84375	56114.34894	56116.45703	503932.0	5410331.1
L3930.0	503932.0	5410331.0	41690.39844	281.87	0	48.845937	-86.946407	56109.41	56245.3	4.72	56114.13	56117.04688	56113.78309	56115.92188	503932.0	5410331.0
L3970.0	503971.0	5410804.3	77736.79688	317.36	0	48.850195	-86.945871	56325.48	56247.4	2.62	56328.10	56326.84375	56315.34514	56322.09766	503971.0	5410804.3
L3970.0	503971.1	5410804.6	77736.89844	320.62	0	48.850198	-86.945870	56325.48	56247.4	2.62	56328.10	56326.82813	56315.52603	56322.14844	503971.1	5410804.6
L3970.0	503971.1	5410805.0	77737.00000	321.28	0	48.850201	-86.945870	56325.38	56247.4	2.62	56328.00	56326.71094	56313.13670	56319.62891	503971.1	5410805.0
L3970.0	503971.1	5410805.0	77737.10156	320.11	0	48.850201	-86.945870	56325.30	56247.4	2.62	56327.92	56326.61719	56311.14994	56317.51172	503971.1	5410805.0
L3970.0	503971.2	5410805.3	77737.20313	318.67	0	48.850204	-86.945869	56325.74	56247.4	2.63	56328.37	56327.05078	56321.89484	56328.12891	503971.2	5410805.3
L3970.0	503971.2	5410805.7	77737.29688	318.51	0	48.850207	-86.945868	56325.82	56247.4	2.63	56328.45	56327.11328	56323.51111	56329.61328	503971.2	5410805.7
L3970.0	503971.3	5410806.1	77737.39844	321.29	0	48.850211	-86.945867	56326.20	56247.4	2.63	56328.83	56327.47656	56332.18088	56338.15625	503971.3	5410806.1
L3970.0	503971.3	5410806.1	77737.50000	318.16	0	48.850211	-86.945867	56326.30	56247.4	2.64	56328.93	56327.55859	56334.00929	56339.85156	503971.3	5410806.1
L3970.0	503971.3	5410806.5	77737.60156	317.78	0	48.850214	-86.945866	56326.04	56247.4	2.64	56328.68	56327.29297	56327.46076	56333.17578	503971.3	5410806.5
L3970.0	503971.3	5410806.5	77737.70313	316.19	0	48.850214	-86.945866	56326.07	56247.4	2.64	56328.71	56327.30469	56327.48984	56333.07422	503971.3	5410806.5
L3970.0	503971.4	5410806.9	77737.79688	315.92	0	48.850219	-86.945865	56326.04	56247.4	2.64	56328.68	56327.25781	56326.04166	56331.50000	503971.4	5410806.9
L3970.0	503971.5	5410807.4	77737.89844	316.40	0	48.850223	-86.945864	56326.32	56247.4	2.65	56328.97	56327.53125	56332.02716	56337.35547	503971.5	5410807.4
L3970.0	503971.5	5410807.4	77738.00000	312.59	0	48.850223	-86.945864	56326.47	56247.3	2.65	56329.12	56327.66797	56334.66900	56339.86719	503971.5	5410807.4
L3970.0	503971.5	5410808.0	77738.10156	313.11	0	48.850228	-86.945864	56326.81	56247.4	2.65	56329.46	56327.98828	56341.71874	56346.78906	503971.5	5410808.0
L3970.0	503971.6	5410808.4	77738.20313	311.40	0	48.850232	-86.945863	56326.63	56247.4	2.64	56329.27	56327.78125	56336.35057	56341.29688	503971.6	5410808.4
L3970.0	503971.6	5410808.9	77738.20313	311.40	0	48.850236	-86.945862	56326.66	56247.4	2.64	56329.30	56327.79688	56336.11283	56340.92969	503971.6	5410808.9
L3970.0	503971.6	5410808.9	77738.39844	314.53	0	48.850236	-86.945862	56326.38	56247.4	2.63	56329.01	56327.48828	56328.25811	56332.94922	503971.6	5410808.9
L3970.0	503971.7	5410809.5	77738.50000	314.28	0	48.850242	-86.945861	56326.25	56247.4	2.63	56328.88	56327.34375	56324.07730	56328.64063	503971.7	5410809.5
L3970.0	503971.8	5410810.0	77738.60156	314.31	0	48.850247	-86.945860	56326.32	56247.4	2.63	56328.95	56327.39453	56324.64240	56329.07813	503971.8	5410810.0
L3970.0	503971.8	5410810.6	77738.70313	314.45	0	48.850252	-86.945860	56326.30	56247.4	2.62	56328.92	56327.34766	56322.73560	56327.04688	503971.8	5410810.6
L3970.0	503971.8	5410810.6	77738.79688	315.42	0	48.850252	-86.945860	56326.81	56247.4	2.62	56329.42	56327.83203	56333.53206	56337.71875	503971.8	5410810.6
L3970.0	503971.9	5410811.2	77738.89844	317.39	0	48.850257	-86.945859	56326.71	56247.4	2.61	56329.33	56327.72656	56331.49969	56335.56250	503971.9	5410811.2
L3970.0	503971.9	5410811.7	77739.00000	318.11	0	48.850261	-86.945858	56326.32	56247.4	2.61	56328.93	56327.30859	56323.94930	56327.88672	503971.9	5410811.7
L3970.0	503971.9	5410811.7	77739.10156	319.98	0	48.850261	-86.945858	56326.66	56247.4	2.61	56329.27	56327.63281	56329.28903	56333.10156	503971.9	5410811.7
L3970.0	503972.0	5410812.5	77739.20313	318.62	0	48.850269	-86.945856	56326.61	56247.4	2.62	56329.22	56327.56641	56327.73561	56331.42578	503972.0	5410812.5
L3970.0	503972.1	5410813.1	77739.29688	318.52	0	48.850274	-86.945855	56326.91	56247.4	2.62	56329.53	56327.85938	56332.73036	56336.30078	503972.1	5410813.1
L3970.0	503972.1	5410813.1	77739.39844	319.90	0	48.850274	-86.945855	56326.93	56247.4	2.62	56329.56	56327.87109	56332.63508	56336.08203	503972.1	5410813.1
L3970.0	503972.2	5410813.7	77739.50000	322.35	0	48.850280	-86.945854	56326.86	56247.4	2.63	56329.48	56327.77344	56330.44794	56333.77344	503972.2	5410813.7
L3970.0	503972.3	5410814.3	77739.60156	324.94	0	48.850285	-86.945854	56327.17	56247.4	2.63	56329.80	56328.07813	56335.79542	56339.00000	503972.3	5410814.3
L3970.0	503972.3	5410815.0	77739.70313	324.31	0	48.850291	-86.945853	56327.26	56247.4	2.63	56329.89	56328.15234	56336.80657	56339.89063	503972.3	5410815.0
L3970.0	503972.3	5410815.0	77739.79688	324.58	0	48.850291	-86.945853	56327.07	56247.4	2.63	56329.70	56327.94531	56332.43187	56335.39844	503972.3	5410815.0
L3970.0	503972.4	5410816.0	77739.89844	326.59	0	48.850300	-86.945851	56327.24	56247.4	2.64	56329.88	56328.10547	56335.12957	56337.97656	503972.4	5410816.0
L3970.0	503972.5	5410816.8	77740.00000	324.56	0	48.850308	-86.945850	56327.12	56247.4	2.64	56329.76	56327.96875	56332.05108	56334.78125	503972.5	5410816.8
L3970.0	503972.5	5410816.8	77740.10156	322.12	0	48.850308	-86.945850	56326.93	56247.4	2.64	56329.57	56327.76172	56327.63102	56330.24609	503972.5	5410816.8
L3970.0	503972.6	5410817.5	77740.20313	320.27	0	48.850314	-86.945849	56327.22	56247.4	2.64	56329.86	56328.03516	56332.40549	56334.90234	503972.6	5410817.5
L3970.0	503972.7	5410818.4	77740.20313	320.27	0	48.850322	-86.945848	56326.98	56247.4	2.64	56329.62	56327.77734	56327.06774	56329.44922	503972.7	5410818.4
L3970.0	503972.7	5410819.1	77740.39844	320.44	0	48.850328	-86.945848	56327.21	56247.4	2.64	56329.86	56328.00000	56330.85175	56333.11719	503972.7	5410819.1
L3970.0	503972.7	5410819.1	77740.50000	318.43	0	48.850328	-86.945848	56326.99	56247.4	2.64	56329.63	56327.75391	56325.78731	56327.94141	503972.7	5410819.1
L3970.0	503972.8	5410819.9	77740.60156	317.47	0	48.850335	-86.945847	56327.32	56247.4	2.65	56329.96	56328.06641	56331.20186	56333.24219	503972.8	5410819.9
L3970.0	503972.8	5410819.9	77740.70313	316.44	0	48.850335	-86.945847	56327.42	56247.4	2.65	56330.07	56328.16016	56332.48044	56334.41016	503972.8	5410819.9
L3970.0	503972.8	5410820.6	77740.79688	315.92	0	48.850342	-86.945846	56327.16	56247.4	2.65	56329.81	56327.88281	56326.99656	56328.81250	503972.8	5410820.6
L3970.0	503972.9	5410821.6	77740.89844	316.64	0	48.850351	-86.945845	56327.50	56247.4	2.65	56330.14	56328.19531	56332.27331	56333.98047	503972.9	5410821.6
L3970.0	503972.9	5410822.4	77741.00000	316.76	0	48.850358	-86.945845	56327.24	56247.3	2.65	56329.89	56327.92969	56327.07578	56328.67188	503972.9	5410822.4
L3970.0	503972.9	5410823.2	77741.10156	316.71	0	48.850365	-86.945844	56327.66	56247.4	2.65	56330.30	56328.32031	56333.69866	56335.18359	503972.9	5410823.2
L3970.0	503972.9	5410823.2	77741.20313	317.85	0	48.850365	-86.945844	56327.38	56247.4	2.65	56330.02	56328.02344	56328.04909	56329.42969	503972.9	5410823.2
L3970.0	503973.0	5410824.2	77741.29688	319.06	0	48.850374	-86.945844	56327.37	56247.4	2.64	56330.01	56327.99609	56327.21324	56328.48438	503973.0	5410824.2
L3970.0	503973.0	5410825.0	77741.39844	317.86	0	48.850381	-86.945843	56327.66	56247.4	2.64	56330.30	56328.26953	56331.64031	56332.80469	503973.0	5410825.0
L3970.0	503973.0	5410825.0	77741.50000	317.52	0	48.850381	-86.945843	56327.63	56247.4	2.64	56330.27	56328.22266	56330.45708	56331.51563	503973.0	5410825.0
L3970.0	503973.1	5410826.1	77741.60156	318.90	0	48.850391	-86.945843	56327.88	56247.4	2.64	56330.51	56328.44531	56334.00103	56334.95703	503973.1	5410826.1
L3970.0	503973.1	5410827.1	77741.70313	320.14	0	48.850400	-86.945842	56327.63	56247.4	2.64	56330.26	56328.17969	56328.98443	56329.83594	503973.1	5410827.1
L3970.0	503973.1	5410827.1	77741.79688	320.13	0	48.850400	-86.945842	56327.57	56247.4	2.63	56330.20	56328.10156	56327.28726	56328.03516	503973.1	5410827.1
L3970.0	503973.1	5410827.9	77741.89844	320.93	0	48.850407	-86.945842	56327.68	56247.4	2.63	56330.31	56328.19141	56328.57217	56329.21875	503973.1	5410827.9
L3970.0	503973.1	5410828.8	77742.00000	319.32	0	48.850416	-86.945842	56327.47	56247.4	2.63	56330.10	56327.96484	56324.22530	56324.76953	503973.1	5410828.8
L3970.0	503973.1	5410828.8	77742.10156	317.80	0	48.850416	-86.945842	56327.80	56247.4	2.63	56330.43	56328.27734	56329.40583	56329.85156	503973.1	5410828.8
L3970.0	503973.1	5410829.8	77742.20313	319.36	0	48.850424	-86.945842	56327.98	56247.4	2.63	56330.61	56328.44141	56331.96256	56332.30859	503973.1	5410829.8
L3970.0	503973.1	5410830.8	77742.20313	319.36	0	48.850433	-86.945842	56327.93	56247.4	2.63	56330.56	56328.37500	56330.44147	56330.69141	503973.1	5410830.8
L3970.0	503973.1	5410831.7	77742.39844	318.13	0	48.850442	-86.945842	56328.06	56247.4	2.63	56330.68	56328.47656	56331.95033	56332.10156	503973.1	5410831.7
L3970.0	503973.1	5410831.7	77742.50000	317.48	0	48.850442	-86.945842	56328.28	56247.4	2.63	56330.91	56328.69141	56335.43743	56335.49219	503973.1	5410831.7
L3970.0	503973.1	5410832.9	77742.60156	318.64	0	48.850452	-86.945842	56328.11	56247.4	2.62	56330.74	56328.50391	56331.76254	56331.72266	503973.1	5410832.9
L3970.0	503973.1	5410833.7	77742.70313	315.39	0	48.850460	-86.945842	56327.86	56247.4	2.62	56330.48	56328.22656	56326.45859	56326.32422	503973.1	5410833.7
L3970.0	503973.1	5410834.7	77742.79688	316.34	0	48.850468	-86.945841	56328.21	56247.4	2.62	56330.84	56328.56641	56332.29303	56332.06250	503973.1	5410834.7
L3970.0	503973.1	5410834.7	77742.89844	314.52	0	48.850468	-86.945841	56328.21	56247.4	2.62	56330.84	56328.55078	56331.65769	56331.33594	503973.1	5410834.7
L3970.0	503973.1	5410835.6	77743.00000	317.41	0	48.850477	-86.945841	56328.31	56247.4	2.62	56330.93	56328.62500	56332.63987	56332.22656	503973.1	5410835.6
L3970.0	503973.1	5410836.9	77743.10156	317.80	0	48.850488	-86.945842	56328.44	56247.4	2.62	56331.06	56328.73438	56334.33888	56333.83203	503973.1	5410836.9
L3970.0	503973.1	5410836.9	77743.20313	319.49	0	48.850488	-86.945842	56328.34	56247.4	2.62	56330.96	56328.61719	56331.89805	56331.30469	503973.1	5410836.9
L3970.0	503973.1	5410838.0	77743.29688	320.02	0	48.850498	-86.945842	56328.36	56247.4	2.62	56330.99	56328.63281	56331.79279	56331.10938	503973.1	5410838.0
L3970.0	503973.1	5410839.1	77743.39844	320.60	0	48.850508	-86.945842	56328.46	56247.4	2.62	56331.09	56328.71484	56332.93983	56332.16797	503973.1	5410839.1
L3970.0	503973.1	5410840.0	77743.50000	321.01	0	48.850516	-86.945842	56328.67	56247.4	2.63	56331.30	56328.90625	56336.04857	56335.18750	503973.1	5410840.0
L3970.0	503973.1	5410841.1	77743.60156	319.17	0	48.850526	-86.945842	56328.46	56247.4	2.63	56331.09	56328.67969	56331.63402	56330.68750	503973.1	5410841.1
L3970.0	503973.1	5410841.1	77743.70313	320.41	0	48.850526	-86.945842	56328.59	56247.4	2.63	56331.22	56328.79297	56333.29412	56332.26172	503973.1	5410841.1
L3970.0	503973.1	5410842.2	77743.79688	322.92	0	48.850536	-86.945842	56328.64	56247.4	2.63	56331.27	56328.82813	56333.51709	56332.40234	503973.1	5410842.2
L3970.0	503973.1	5410842.2	77743.89844	318.69	0	48.850536	-86.945842	56328.49	56247.4	2.63	56331.12	56328.66016	56330.19681	56328.99609	503973.1	5410842.2
L3970.0	503973.0	5410843.4	77744.00000	318.29	0	48.850547	-86.945843	56328.54	56247.4	2.63	56331.17	56328.69531	56330.41929	56329.13672	503973.0	5410843.4
L3970.0	503973.0	5410844.5	77744.10156	319.42	0	48.850556	-86.945843	56328.70	56247.4	2.63	56331.33	56328.83594	56332.56127	56331.19531	503973.0	5410844.5
L3970.0	503973.0	5410845.6	77744.20313	319.86	0	48.850566	-86.945843	56328.88	56247.4	2.63	56331.50	56328.99219	56334.85213	56333.40625	503973.0	5410845.6
L3970.0	503973.0	5410846.7	77744.20313	319.86	0	48.850576	-86.945844	56329.08	56247.4	2.63	56331.71	56329.18359	56337.81033	56336.28516	503973.0	5410846.7
L3970.0	503973.0	5410846.7	77744.29688	319.45	0	48.850576	-86.945844	56328.85	56247.4	2.63	56331.48	56328.93750	56333.13425	56331.52734	503973.0	5410846.7
L3970.0	503972.9	5410847.9	77744.50000	321.21	0	48.850587	-86.945844	56328.92	56247.4	2.63	56331.55	56328.99219	56333.65454	56331.97266	503972.9	5410847.9
L3970.0	503972.9	5410849.0	77744.60156	318.55	0	48.850597	-86.945844	56329.20	56247.4	2.63	56331.83	56329.25391	56337.76334	56336.00000	503972.9	5410849.0
L3970.0	503972.9	5410850.1	77744.70313	317.99	0	48.850607	-86.945845	56328.82	56247.4	2.63	56331.45	56328.85938	56330.57069	56328.73438	503972.9	5410850.1

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L3970.0	503972.9	5410850.1	77744.79688	316.25	0	48.850607	-86.945845	56328.72	56247.4	2.63	56331.35	56328.74219	56328.18338	56326.26953	503972.9	5410850.1
L3970.0	503972.9	5410851.3	77744.89844	313.56	0	48.850618	-86.945845	56328.88	56247.4	2.63	56331.50	56328.87500	56330.04756	56328.05859	503972.9	5410851.3
L3970.0	503972.8	5410852.2	77745.00000	315.05	0	48.850626	-86.945845	56329.06	56247.4	2.63	56331.69	56329.05078	56332.58044	56330.51563	503972.8	5410852.2
L3970.0	503972.8	5410852.2	77745.10156	316.26	0	48.850626	-86.945845	56329.03	56247.4	2.63	56331.66	56329.00391	56331.36890	56329.23047	503972.8	5410852.2
L3970.0	503972.8	5410853.8	77745.20313	315.89	0	48.850640	-86.945846	56329.46	56247.4	2.63	56332.08	56329.41016	56337.81115	56335.60156	503972.8	5410853.8
L3970.0	503972.8	5410855.1	77745.29688	314.95	0	48.850652	-86.945846	56329.31	56247.4	2.63	56331.94	56329.25391	56334.72221	56332.44141	503972.8	5410855.1
L3970.0	503972.7	5410856.2	77745.39844	317.87	0	48.850662	-86.945847	56329.46	56247.4	2.63	56332.08	56329.37891	56336.40750	56334.05469	503972.7	5410856.2
L3970.0	503972.7	5410856.2	77745.50000	318.29	0	48.850662	-86.945847	56329.41	56247.4	2.63	56332.04	56329.32422	56335.01022	56332.58594	503972.7	5410856.2
L3970.0	503972.7	5410857.4	77745.60156	319.87	0	48.850672	-86.945847	56329.43	56247.4	2.62	56332.06	56329.32813	56334.63492	56332.14453	503972.7	5410857.4
L3970.0	503972.7	5410858.9	77745.70313	321.00	0	48.850686	-86.945847	56329.41	56247.4	2.62	56332.03	56329.28516	56333.38762	56330.82813	503972.7	5410858.9
L3970.0	503972.7	5410858.9	77745.79688	319.60	0	48.850686	-86.945847	56329.43	56247.4	2.62	56332.06	56329.30078	56333.17120	56330.54297	503972.7	5410858.9
L3970.0	503972.7	5410860.2	77745.89844	317.43	0	48.850697	-86.945848	56329.57	56247.4	2.62	56332.19	56329.41406	56334.69847	56332.00391	503972.7	5410860.2
L3970.0	503972.6	5410861.5	77746.00000	319.24	0	48.850710	-86.945848	56329.41	56247.4	2.62	56332.03	56329.24219	56331.14851	56328.38672	503972.6	5410861.5
L3970.0	503972.6	5410862.7	77746.10156	319.45	0	48.850720	-86.945848	56329.66	56247.4	2.62	56332.29	56329.48828	56334.96717	56332.14063	503972.6	5410862.7
L3970.0	503972.6	5410862.7	77746.20313	320.18	0	48.850720	-86.945848	56329.64	56247.4	2.63	56332.27	56329.45313	56333.86474	56330.97266	503972.6	5410862.7
L3970.0	503972.6	5410864.4	77746.20313	320.18	0	48.850736	-86.945849	56329.77	56247.4	2.63	56332.39	56329.55859	56335.23671	56332.27734	503972.6	5410864.4
L3970.0	503972.5	5410865.7	77746.39844	319.15	0	48.850747	-86.945849	56329.87	56247.4	2.63	56332.50	56329.65625	56336.43890	56333.41797	503972.5	5410865.7
L3970.0	503972.5	5410865.7	77746.50000	318.72	0	48.850747	-86.945849	56329.72	56247.4	2.64	56332.35	56329.49219	56333.01809	56329.93359	503972.5	5410865.7
L3970.0	503972.5	5410866.8	77746.60156	319.97	0	48.850757	-86.945850	56329.82	56247.4	2.64	56332.46	56329.58984	56334.22360	56331.07813	503972.5	5410866.8
L3970.0	503972.5	5410867.8	77746.70313	321.41	0	48.850766	-86.945850	56329.77	56247.4	2.64	56332.41	56329.52734	56332.58038	56329.37109	503972.5	5410867.8
L3970.0	503972.4	5410868.9	77746.79688	316.73	0	48.850776	-86.945851	56329.74	56247.4	2.64	56332.38	56329.48438	56331.29799	56328.03125	503972.4	5410868.9
L3970.0	503972.4	5410870.3	77746.89844	316.71	0	48.850789	-86.945851	56329.92	56247.4	2.65	56332.57	56329.66016	56333.94362	56330.61328	503972.4	5410870.3
L3970.0	503972.4	5410870.3	77747.00000	315.98	0	48.850789	-86.945851	56329.97	56247.3	2.65	56332.62	56329.69922	56334.09835	56330.71094	503972.4	5410870.3
L3970.0	503972.4	5410871.7	77747.10156	316.96	0	48.850801	-86.945851	56330.10	56247.4	2.65	56332.75	56329.81641	56335.68190	56332.23438	503972.4	5410871.7
L3970.0	503972.4	5410871.7	77747.20313	317.31	0	48.850801	-86.945851	56330.06	56247.4	2.65	56332.70	56329.75391	56334.07312	56330.56641	503972.4	5410871.7
L3970.0	503972.3	5410873.4	77747.29688	318.77	0	48.850816	-86.945852	56330.15	56247.4	2.65	56332.80	56329.84375	56335.13667	56331.57422	503972.3	5410873.4
L3970.0	503972.3	5410874.8	77747.39844	317.72	0	48.850829	-86.945852	56330.23	56247.4	2.65	56332.88	56329.91406	56335.85254	56332.23438	503972.3	5410874.8
L3970.0	503972.3	5410874.8	77747.50000	319.76	0	48.850829	-86.945852	56330.18	56247.4	2.65	56332.82	56329.84375	56334.10197	56330.42578	503972.3	5410874.8
L3970.0	503972.3	5410876.2	77747.60156	318.62	0	48.850842	-86.945853	56330.20	56247.4	2.64	56332.85	56329.86328	56333.95572	56330.22656	503972.3	5410876.2
L3970.0	503972.3	5410876.2	77747.70313	317.66	0	48.850842	-86.945853	56330.48	56247.4	2.64	56333.12	56330.12109	56338.05437	56334.26953	503972.3	5410876.2
L3970.0	503972.3	5410877.8	77747.79688	318.53	0	48.850856	-86.945853	56330.38	56247.4	2.64	56333.03	56330.01953	56335.81412	56331.97266	503972.3	5410877.8
L3970.0	503972.2	5410879.6	77747.89844	319.68	0	48.850872	-86.945853	56330.74	56247.4	2.64	56333.38	56330.36328	56341.34168	56337.44922	503972.2	5410879.6
L3970.0	503972.2	5410880.5	77748.00000	319.30	0	48.850880	-86.945854	56330.76	56247.4	2.64	56333.40	56330.37109	56341.06816	56337.12109	503972.2	5410880.5
L3970.0	503972.2	5410880.5	77748.10156	317.86	0	48.850880	-86.945854	56330.63	56247.4	2.64	56333.27	56330.23438	56338.16669	56334.16797	503972.2	5410880.5
L3970.0	503972.2	5410881.9	77748.20313	319.19	0	48.850893	-86.945854	56330.74	56247.4	2.64	56333.38	56330.33594	56339.50617	56335.45703	503972.2	5410881.9
L3970.0	503972.2	5410883.3	77748.20313	319.19	0	48.850905	-86.945854	56330.76	56247.4	2.64	56333.40	56330.34766	56339.27393	56335.17188	503972.2	5410883.3
L3970.0	503972.1	5410884.2	77748.39844	317.90	0	48.850914	-86.945855	56330.86	56247.4	2.64	56333.50	56330.43750	56340.46310	56336.31250	503972.1	5410884.2
L3970.0	503972.1	5410884.2	77748.50000	316.21	0	48.850914	-86.945855	56330.71	56247.4	2.64	56333.36	56330.29297	56337.44368	56333.24219	503972.1	5410884.2
L3970.0	503972.1	5410886.2	77748.60156	316.99	0	48.850932	-86.945855	56330.87	56247.4	2.65	56333.51	56330.43359	56339.53716	56335.28516	503972.1	5410886.2
L3970.0	503972.1	5410887.5	77748.70313	316.42	0	48.850944	-86.945856	56330.68	56247.4	2.65	56333.33	56330.24609	56335.85247	56331.55469	503972.1	5410887.5
L3970.0	503972.1	5410887.5	77748.79688	318.65	0	48.850944	-86.945856	56330.64	56247.4	2.65	56333.29	56330.19922	56334.64600	56330.30078	503972.1	5410887.5
L3970.0	503972.0	5410888.6	77748.89844	319.53	0	48.850953	-86.945856	56330.69	56247.4	2.65	56333.34	56330.24609	56335.03166	56330.63672	503972.0	5410888.6
L3970.0	503972.0	5410890.2	77749.00000	321.32	0	48.850968	-86.945856	56330.92	56247.3	2.65	56333.57	56330.46875	56338.56364	56334.12500	503972.0	5410890.2
L3970.0	503972.0	5410890.2	77749.10156	322.36	0	48.850968	-86.945856	56331.04	56247.3	2.65	56333.69	56330.58203	56340.18423	56335.69922	503972.0	5410890.2
L3970.0	503972.0	5410891.6	77749.20313	322.14	0	48.850980	-86.945856	56331.18	56247.3	2.66	56333.83	56330.71875	56342.16085	56337.62891	503972.0	5410891.6
L3970.0	503972.0	5410891.6	77749.29688	318.63	0	48.850980	-86.945856	56331.15	56247.3	2.66	56333.81	56330.69531	56341.38644	56336.81250	503972.0	5410891.6
L3970.0	503972.0	5410893.2	77749.39844	315.81	0	48.850995	-86.945857	56331.02	56247.3	2.66	56333.68	56330.55859	56338.74083	56334.12109	503972.0	5410893.2
L3970.0	503972.0	5410894.7	77749.50000	315.81	0	48.851008	-86.945857	56330.89	56247.3	2.67	56333.56	56330.43750	56336.29538	56331.63281	503972.0	5410894.7
L3970.0	503972.0	5410894.7	77749.60156	318.72	0	48.851008	-86.945857	56330.76	56247.3	2.67	56333.43	56330.30469	56333.69840	56328.99609	503972.0	5410894.7
L3970.0	503971.9	5410896.4	77749.70313	317.16	0	48.851024	-86.945857	56330.94	56247.3	2.67	56333.61	56330.48047	56336.46910	56331.72266	503971.9	5410896.4
L3970.0	503971.9	5410897.8	77749.70313	317.16	0	48.851036	-86.945857	56330.99	56247.3	2.67	56333.66	56330.52734	56337.02359	56332.23828	503971.9	5410897.8
L3970.0	503971.9	5410899.1	77749.89844	317.08	0	48.851048	-86.945858	56330.99	56247.3	2.68	56333.67	56330.53516	56336.90955	56332.08203	503971.9	5410899.1
L3970.0	503971.9	5410899.1	77750.00000	316.36	0	48.851048	-86.945858	56331.18	56247.3	2.68	56333.86	56330.72266	56339.97729	56335.11328	503971.9	5410899.1
L3970.0	503971.9	5410901.1	77750.10156	316.36	0	48.851066	-86.945858	56331.22	56247.3	2.68	56333.90	56330.76172	56340.46328	56335.55859	503971.9	5410901.1
L3970.0	503971.9	5410902.3	77750.20313	317.73	0	48.851076	-86.945858	56331.25	56247.3	2.68	56333.92	56330.78125	56340.62477	56335.68359	503971.9	5410902.3
L3970.0	503971.9	5410902.3	77750.20313	317.73	0	48.851076	-86.945858	56331.02	56247.3	2.68	56333.69	56330.55078	56336.30243	56331.32422	503971.9	5410902.3
L3970.0	503971.8	5410903.8	77750.20313	317.73	0	48.851090	-86.945859	56331.10	56247.3	2.68	56333.78	56330.64453	56337.74174	56332.72656	503971.8	5410903.8
L3970.0	503971.8	5410905.1	77750.39844	316.90	0	48.851102	-86.945859	56331.10	56247.3	2.68	56333.77	56330.63281	56337.38807	56332.33984	503971.8	5410905.1
L3970.0	503971.8	5410905.1	77750.60156	318.42	0	48.851102	-86.945859	56331.32	56247.3	2.67	56334.00	56330.86328	56341.50066	56336.41797	503971.8	5410905.1
L3970.0	503971.8	5410906.7	77750.70313	318.75	0	48.851116	-86.945859	56331.35	56247.3	2.67	56334.02	56330.88672	56341.76953	56336.65234	503971.8	5410906.7
L3970.0	503971.8	5410907.8	77750.79688	319.00	0	48.851126	-86.945859	56331.25	56247.3	2.67	56333.92	56330.78906	56339.78901	56334.64063	503971.8	5410907.8
L3970.0	503971.8	5410909.0	77750.89844	321.78	0	48.851137	-86.945859	56331.22	56247.3	2.67	56333.89	56330.76172	56339.12242	56333.94141	503971.8	5410909.0
L3970.0	503971.8	5410909.0	77751.00000	322.15	0	48.851137	-86.945859	56330.84	56247.3	2.67	56333.51	56330.38281	56331.75988	56326.54688	503971.8	5410909.0
L3970.0	503971.8	5410910.6	77751.10156	322.79	0	48.851152	-86.945859	56331.10	56247.3	2.67	56333.77	56330.64844	56336.64828	56331.40625	503971.8	5410910.6
L3970.0	503971.8	5410912.2	77751.20313	323.25	0	48.851166	-86.945859	56330.96	56247.3	2.67	56333.64	56330.52344	56334.06299	56328.79297	503971.8	5410912.2
L3970.0	503971.8	5410912.2	77751.29688	324.06	0	48.851166	-86.945859	56331.25	56247.3	2.67	56333.92	56330.80469	56339.41508	56334.11328	503971.8	5410912.2
L3970.0	503971.8	5410913.9	77751.39844	324.51	0	48.851181	-86.945859	56331.53	56247.3	2.67	56334.20	56331.08984	56344.79063	56339.46484	503971.8	5410913.9
L3970.0	503971.8	5410915.2	77751.50000	323.13	0	48.851193	-86.945859	56331.53	56247.3	2.67	56334.20	56331.09766	56344.74662	56339.39453	503971.8	5410915.2
L3970.0	503971.8	5410916.5	77751.60156	322.71	0	48.851204	-86.945859	56331.32	56247.3	2.68	56334.00	56330.90234	56340.84502	56335.46484	503971.8	5410916.5
L3970.0	503971.8	5410916.5	77751.70313	320.83	0	48.851204	-86.945859	56331.27	56247.3	2.68	56333.95	56330.85938	56339.85671	56334.45313	503971.8	5410916.5
L3970.0	503971.8	5410917.7	77751.79688	318.08	0	48.851215	-86.945859	56331.18	56247.3	2.68	56333.85	56330.76563	56337.93219	56332.50781	503971.8	5410917.7
L3970.0	503971.8	5410917.7	77751.89844	317.47	0	48.851215	-86.945859	56331.43	56247.3	2.68	56334.11	56331.03516	56342.85263	56337.40625	503971.8	5410917.7
L3970.0	503971.8	5410919.2	77752.00000	318.19	0	48.851229	-86.945859	56331.24	56247.3	2.68	56333.92	56330.85156	56339.25994	56333.78906	503971.8	5410919.2
L3970.0	503971.8	5410920.6	77752.10156	318.94	0	48.851241	-86.945859	56331.40	56247.3	2.68	56334.08	56331.01953	56342.22848	56336.73828	503971.8	5410920.6
L3970.0	503971.8	5410920.6	77752.20313	318.81	0	48.851241	-86.945859	56331.32	56247.3	2.68	56334.01	56330.96094	56340.92564	56335.41797	503971.8	5410920.6
L3970.0	503971.7	5410922.1	77752.20313	318.81	0	48.851255	-86.945860	56331.20	56247.3	2.68	56333.88	56330.83984	56338.58200	56333.05469	503971.7	5410922.1
L3970.0	503971.7	5410923.6	77752.39844	317.08	0	48.851268	-86.945860	56331.30	56247.3	2.68	56333.99	56330.96094	56340.57674	56335.03516	503971.7	5410923.6
L3970.0	503971.7	5410923.6	77752.50000	317.59	0	48.851268	-86.945860	56331.04	56247.3	2.68	56333.73	56330.71094	56336.05038	56330.49219	503971.7	5410923.6
L3970.0	503971.7	5410925.4	77752.60156	317.62	0	48.851284	-86.945860	56331.40	56247.3	2.69	56334.08	56331.07031	56342.18618	56336.61328	503971.7	5410925.4
L3970.0	503971.7	5410926.5	77752.70313	317.61	0	48.851295	-86.945860	56331.10	56247.3	2.69	56333.78	56330.78125	56337.11608	56331.53125	503971.7	5410926.5
L3970.0	503971.7	5410926.5	77752.79688	318.53	0	48.851295	-86.945860	56331.15	56247.3	2.69	56333.84	56330.85547	56337.85636	56332.25781	503971.7	5410926.5
L3970.0	503971.7	5410928.6	77752.89844	319.02	0	48.851313	-86.945860	56331.09	56247.3	2.69	56333.78	56330.80859	56336.60079	56330.99219	503971.7	5410928.6
L3970.0	503971.7	5410929.7	77753.00000	316.47	0	48.851323	-86.945860	56331.07	56247.3	2.69	56333.76	56330.80078	56336.37380	56330.75391	503971.7	5410929.7
L3970.0	503971.7	5410931.5	77753.10156	316.83	0	48.851339	-86.945860	56331.02	56247.3	2.69	56333.71	56330.76172	56335.44470	56329.81641	503971.7	5410931.5
L3970.0	503971.7	5410931.5	77753.20313	315.85	0	48.851339	-86.945860	56330.94	56247.3	2.70	56333.64	56330.70703	56334.06392	56328.42578	503971.7	5410931.5
L3970.0	503971.7	5410932.9	77753.29688	314.80	0	48.851352	-86.945860	56331.38	56247.3	2.70	56334.08	56331.16016	56345.00315	56339.35938	503971.7	5410932.9
L3970.0	503971.7	5410934.3	77753.39844	316.15	0	48.851365	-86.945860	56331.15	56247.3	2.70	56333.85	56330.94531	56339.80411	56334.15625	503971.7	5410934.3
L3970.0	503971.7	5410935.6	77753.50000	314.84	0	48.851376	-86.945860	56331.20	56247.3	2.71	56333.90	56331.01172	56341.37677	56335.72266	503971.7	5410935.6
L3970.0	503971.7	5410937.2	77753.60156	315.32	0	48.851390	-86.945860	56331.02	56247.3	2.71	56333.73	56330.85547	56337.67224	56332.01563	503971.7	5410937.2
L3970.0	503971.7	5410937.2	77753.70313	315.69	0	48.851390	-86.945860	56330.99	56247.3	2.71	56333.70	56330.84375	56337.35724	56331.69922	503971.7	5410937.2
L3970.0	503971.7	5410938.6	77753.79688	315.21	0	48.851403	-86.945860	56331.27	56247.3	2.71	56333.99	56331.14844	56344.82445	56339.16406	503971.7	5410938.6
L3970.0	503971.7	5410939.9	77753.89844	314.17	0	48.851415	-86.945860	56330.84	56247.3	2.72	56333.56	56330.73828	56334.82658	56329.16797	503971.7	5410939.9
L3970.0	503971.7	5410939.9	77754.00000	316.44	0	48.851415	-86.945860	56330.87	56247.3	2.72	56333.59	56330.78516	56336.01770	56330.35938	503971.7	5410939.9

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L3970.0	503971.7	5410941.2	77754.10156	316.67	0	48.851427	-86.945860	56330.78	56247.3	2.72	56333.50	56330.71094	56334.28502	56328.62891	503971.7	5410941.2
L3970.0	503971.7	5410943.1	77754.20313	317.08	0	48.851444	-86.945860	56330.84	56247.3	2.72	56333.56	56330.78906	56336.25785	56330.60547	503971.7	5410943.1
L3970.0	503971.7	5410943.1	77754.20313	317.08	0	48.851444	-86.945860	56330.74	56247.3	2.72	56333.46	56330.71094	56334.29513	56328.64453	503971.7	5410943.1
L3970.0	503971.7	5410944.7	77754.29688	319.19	0	48.851458	-86.945860	56330.86	56247.3	2.73	56333.58	56330.84766	56337.81479	56332.17188	503971.7	5410944.7
L3970.0	503971.7	5410946.7	77754.50000	318.99	0	48.851476	-86.945860	56330.87	56247.3	2.73	56333.60	56330.88672	56338.92814	56333.28906	503971.7	5410946.7
L3970.0	503971.7	5410946.7	77754.60156	319.42	0	48.851476	-86.945860	56330.82	56247.3	2.73	56333.55	56330.85938	56338.50691	56332.87891	503971.7	5410946.7
L3970.0	503971.7	5410948.2	77754.70313	319.41	0	48.851489	-86.945859	56330.82	56247.3	2.73	56333.55	56330.87891	56338.94505	56333.32422	503971.7	5410948.2
L3970.0	503971.8	5410949.7	77754.79688	319.40	0	48.851503	-86.945859	56330.66	56247.3	2.74	56333.40	56330.75000	56336.84766	56331.23438	503971.8	5410949.7
L3970.0	503971.8	5410949.7	77754.89844	318.12	0	48.851503	-86.945859	56330.96	56247.3	2.74	56333.70	56331.07031	56342.45157	56336.85156	503971.8	5410949.7
L3970.0	503971.8	5410951.5	77755.00000	318.76	0	48.851519	-86.945859	56330.96	56247.3	2.74	56333.70	56331.08984	56342.96561	56337.37500	503971.8	5410951.5
L3970.0	503971.8	5410952.9	77755.10156	316.56	0	48.851532	-86.945859	56330.84	56247.3	2.74	56333.58	56330.99219	56341.42496	56335.84766	503971.8	5410952.9
L3970.0	503971.8	5410952.9	77755.20313	316.00	0	48.851532	-86.945859	56330.66	56247.3	2.74	56333.40	56330.83594	56338.84190	56333.27734	503971.8	5410952.9
L3970.0	503971.8	5410954.8	77755.29688	317.10	0	48.851549	-86.945858	56330.62	56247.3	2.74	56333.36	56330.81641	56338.69583	56333.14453	503971.8	5410954.8
L3970.0	503971.8	5410956.1	77755.39844	312.20	0	48.851561	-86.945858	56330.56	56247.3	2.74	56333.30	56330.78125	56338.21495	56332.67969	503971.8	5410956.1
L3970.0	503971.9	5410957.4	77755.50000	314.22	0	48.851573	-86.945858	56330.58	56247.3	2.74	56333.32	56330.82422	56339.15697	56333.63672	503971.9	5410957.4
L3970.0	503971.9	5410957.4	77755.60156	315.17	0	48.851573	-86.945858	56330.59	56247.3	2.75	56333.33	56330.85547	56339.94907	56334.44531	503971.9	5410957.4
L3970.0	503971.9	5410959.4	77755.70313	315.76	0	48.851591	-86.945857	56330.62	56247.3	2.75	56333.36	56330.91016	56341.12308	56335.63672	503971.9	5410959.4
L3970.0	503971.9	5410961.1	77755.79688	316.24	0	48.851606	-86.945857	56330.40	56247.3	2.75	56333.15	56330.72266	56338.04874	56332.58203	503971.9	5410961.1
L3970.0	503971.9	5410962.3	77755.89844	318.01	0	48.851616	-86.945856	56330.48	56247.3	2.75	56333.23	56330.82813	56340.16502	56334.71484	503971.9	5410962.3
L3970.0	503971.9	5410962.3	77756.00000	318.84	0	48.851616	-86.945856	56330.41	56247.3	2.75	56333.16	56330.78125	56339.62614	56334.19922	503971.9	5410962.3
L3970.0	503972.0	5410963.7	77756.10156	320.74	0	48.851629	-86.945856	56330.30	56247.2	2.75	56333.05	56330.69531	56338.38541	56332.97656	503972.0	5410963.7
L3970.0	503972.0	5410965.0	77756.20313	321.74	0	48.851640	-86.945856	56330.54	56247.2	2.75	56333.29	56330.96094	56343.51819	56338.13281	503972.0	5410965.0
L3970.0	503972.0	5410965.0	77756.20313	321.74	0	48.851640	-86.945856	56330.43	56247.2	2.75	56333.18	56330.87500	56342.33999	56336.97656	503972.0	5410965.0
L3970.0	503972.0	5410966.7	77756.39844	321.04	0	48.851656	-86.945856	56330.41	56247.2	2.76	56333.16	56330.88281	56342.83007	56337.48828	503972.0	5410966.7
L3970.0	503972.0	5410968.2	77756.50000	319.75	0	48.851669	-86.945856	56330.02	56247.2	2.76	56332.78	56330.52734	56336.70508	56331.38672	503972.0	5410968.2
L3970.0	503972.0	5410969.4	77756.60156	320.04	0	48.851680	-86.945856	56330.31	56247.2	2.76	56333.07	56330.84375	56342.97957	56337.68359	503972.0	5410969.4
L3970.0	503972.0	5410969.4	77756.70313	320.10	0	48.851680	-86.945856	56330.18	56247.2	2.76	56332.94	56330.73828	56341.50986	56336.23828	503972.0	5410969.4
L3970.0	503972.0	5410971.1	77756.79688	320.27	0	48.851695	-86.945856	56329.80	56247.2	2.77	56332.56	56330.38281	56335.37005	56330.12500	503972.0	5410971.1
L3970.0	503972.0	5410973.0	77756.89844	318.23	0	48.851712	-86.945856	56329.89	56247.2	2.77	56332.66	56330.51172	56338.23550	56333.01563	503972.0	5410973.0
L3970.0	503972.0	5410973.0	77757.00000	318.64	0	48.851712	-86.945856	56329.82	56247.2	2.77	56332.59	56330.46875	56337.94198	56332.74609	503972.0	5410973.0
L3970.0	503972.0	5410974.5	77757.10156	317.26	0	48.851726	-86.945856	56330.25	56247.2	2.77	56333.02	56330.92188	56347.11391	56341.94531	503972.0	5410974.5
L3970.0	503972.0	5410975.6	77757.20313	320.65	0	48.851736	-86.945855	56330.03	56247.2	2.77	56332.80	56330.73047	56344.04467	56338.90234	503972.0	5410975.6
L3970.0	503972.0	5410975.6	77757.29688	319.93	0	48.851736	-86.945855	56329.77	56247.2	2.77	56332.54	56330.49609	56340.24479	56335.13281	503972.0	5410975.6
L3970.0	503972.0	5410977.5	77757.39844	322.08	0	48.851753	-86.945855	56329.75	56247.2	2.77	56332.52	56330.50391	56341.00290	56335.91797	503972.0	5410977.5
L3970.0	503972.0	5410978.7	77757.50000	323.76	0	48.851764	-86.945855	56329.89	56247.2	2.77	56332.66	56330.67188	56344.79211	56339.73438	503972.0	5410978.7
L3970.0	503972.0	5410980.4	77757.60156	319.69	0	48.851779	-86.945855	56329.16	56247.2	2.77	56331.93	56329.96875	56332.30190	56327.27344	503972.0	5410980.4
L3970.0	503972.0	5410980.4	77757.70313	319.93	0	48.851779	-86.945855	56329.34	56247.2	2.77	56332.11	56330.17578	56336.91109	56331.91016	503972.0	5410980.4
L3970.0	503972.0	5410982.0	77757.79688	319.21	0	48.851794	-86.945855	56329.52	56247.2	2.77	56332.29	56330.37891	56341.52751	56336.55859	503972.0	5410982.0
L3970.0	503972.0	5410983.4	77757.89844	319.99	0	48.851806	-86.945855	56329.48	56247.2	2.77	56332.25	56330.36719	56342.07863	56337.13672	503972.0	5410983.4
L3970.0	503972.0	5410983.4	77758.00000	320.99	0	48.851806	-86.945855	56329.38	56247.2	2.77	56332.15	56330.29297	56341.56343	56336.65234	503972.0	5410983.4
L3970.0	503972.0	5410985.1	77758.10156	322.19	0	48.851822	-86.945856	56329.08	56247.2	2.77	56331.85	56330.02344	56337.40642	56332.52344	503972.0	5410985.1
L3970.0	503972.0	5410986.7	77758.20313	320.47	0	48.851836	-86.945856	56329.26	56247.2	2.77	56332.03	56330.22656	56342.16087	56337.30859	503972.0	5410986.7
L3970.0	503972.0	5410988.0	77758.20313	320.47	0	48.851847	-86.945856	56328.72	56247.2	2.77	56331.49	56329.71484	56333.68217	56328.85938	503972.0	5410988.0
L3970.0	503972.0	5410988.0	77758.39844	320.00	0	48.851847	-86.945856	56329.08	56247.2	2.77	56331.85	56330.10156	56341.86064	56337.07031	503972.0	5410988.0
L3970.0	503972.0	5410989.6	77758.50000	317.88	0	48.851862	-86.945856	56328.72	56247.2	2.76	56331.48	56329.75781	56336.60616	56331.84375	503972.0	5410989.6
L3970.0	503972.0	5410991.0	77758.60156	318.12	0	48.851875	-86.945856	56328.98	56247.2	2.76	56331.74	56330.04688	56343.05970	56338.32813	503972.0	5410991.0
L3970.0	503972.0	5410992.7	77758.70313	318.14	0	48.851890	-86.945856	56328.75	56247.2	2.76	56331.51	56329.84375	56340.48248	56335.78125	503972.0	5410992.7
L3970.0	503972.0	5410992.7	77758.79688	318.82	0	48.851890	-86.945856	56328.72	56247.2	2.76	56331.48	56329.83984	56341.66379	56336.99609	503972.0	5410992.7
L3970.0	503972.0	5410994.2	77758.89844	317.79	0	48.851903	-86.945855	56328.44	56247.2	2.76	56331.20	56329.58594	56338.22784	56333.58984	503972.0	5410994.2
L3970.0	503972.0	5410995.6	77759.00000	317.95	0	48.851916	-86.945855	56328.34	56247.2	2.76	56331.10	56329.51172	56338.18748	56333.57813	503972.0	5410995.6
L3970.0	503972.0	5410995.6	77759.10156	319.40	0	48.851916	-86.945855	56328.60	56247.2	2.76	56331.37	56329.80859	56345.10855	56340.53125	503972.0	5410995.6
L3970.0	503972.0	5410997.5	77759.20313	319.72	0	48.851933	-86.945855	56328.23	56247.2	2.77	56331.00	56329.46484	56340.10253	56335.55469	503972.0	5410997.5
L3970.0	503972.0	5410998.9	77759.29688	319.10	0	48.851945	-86.945855	56328.39	56247.2	2.77	56331.16	56329.64844	56345.04029	56340.52344	503972.0	5410998.9
L3970.0	503972.1	5411000.1	77759.39844	321.06	0	48.851956	-86.945854	56328.06	56247.2	2.78	56330.84	56329.35547	56341.04927	56336.56250	503972.1	5411000.1
L3970.0	503972.1	5411000.1	77759.50000	321.64	0	48.851956	-86.945854	56328.08	56247.2	2.78	56330.86	56329.40234	56343.43775	56338.98047	503972.1	5411000.1
L3970.0	503972.1	5411001.6	77759.60156	324.71	0	48.851969	-86.945854	56327.85	56247.2	2.78	56330.63	56329.19531	56341.21626	56336.78906	503972.1	5411001.6
L3970.0	503972.1	5411002.9	77759.70313	322.92	0	48.851981	-86.945854	56327.60	56247.2	2.79	56330.39	56328.98047	56338.86626	56334.46875	503972.1	5411002.9
L3970.0	503972.1	5411004.1	77759.79688	322.10	0	48.851992	-86.945853	56327.75	56247.2	2.79	56330.55	56329.16797	56343.93127	56339.56250	503972.1	5411004.1
L3970.0	503972.1	5411004.1	77759.89844	321.86	0	48.851992	-86.945853	56327.34	56247.2	2.80	56330.14	56328.78125	56338.56106	56334.22266	503972.1	5411004.1
L3970.0	503972.2	5411006.0	77760.00000	319.99	0	48.852009	-86.945853	56327.17	56247.2	2.80	56329.97	56328.63672	56337.65490	56333.34375	503972.2	5411006.0
L3970.0	503972.2	5411007.4	77760.10156	319.42	0	48.852022	-86.945853	56327.06	56247.2	2.80	56329.86	56328.55078	56337.88625	56333.60547	503972.2	5411007.4
L3970.0	503972.2	5411007.4	77760.20313	319.03	0	48.852022	-86.945853	56326.96	56247.2	2.80	56329.76	56328.47266	56338.33562	56334.08203	503972.2	5411007.4
L3970.0	503972.2	5411009.4	77760.20313	319.03	0	48.852040	-86.945852	56326.75	56247.2	2.80	56329.55	56328.28906	56336.85338	56332.62891	503972.2	5411009.4
L3970.0	503972.2	5411010.8	77760.39844	314.83	0	48.852052	-86.945852	56326.45	56247.2	2.80	56329.25	56328.01172	56333.83436	56329.63672	503972.2	5411010.8
L3970.0	503972.2	5411012.0	77760.50000	315.46	0	48.852064	-86.945852	56326.55	56247.2	2.80	56329.35	56328.13281	56337.94628	56333.77344	503972.2	5411012.0
L3970.0	503972.2	5411012.0	77760.60156	315.28	0	48.852064	-86.945852	56326.30	56247.2	2.80	56329.10	56327.90625	56335.91934	56331.77344	503972.2	5411012.0
L3970.0	503972.3	5411013.9	77760.70313	314.08	0	48.852081	-86.945852	56326.33	56247.2	2.80	56329.13	56327.96094	56338.82174	56334.70313	503972.3	5411013.9
L3970.0	503972.3	5411015.2	77760.79688	313.62	0	48.852092	-86.945852	56325.94	56247.2	2.80	56328.74	56327.59375	56334.49308	56330.40234	503972.3	5411015.2
L3970.0	503972.3	5411016.9	77760.89844	316.42	0	48.852107	-86.945852	56326.27	56247.2	2.80	56329.07	56327.94531	56342.57412	56338.50781	503972.3	5411016.9
L3970.0	503972.3	5411018.3	77761.00000	317.06	0	48.852120	-86.945852	56325.79	56247.2	2.80	56328.59	56327.48438	56336.84611	56332.80469	503972.3	5411018.3
L3970.0	503972.3	5411018.3	77761.10156	318.48	0	48.852120	-86.945852	56325.79	56247.2	2.80	56328.59	56327.50781	56339.33680	56335.32031	503972.3	5411018.3
L3970.0	503972.3	5411019.6	77761.20313	317.79	0	48.852132	-86.945852	56325.36	56247.2	2.80	56328.16	56327.09766	56334.63498	56330.64453	503972.3	5411019.6
L3970.0	503972.3	5411021.5	77761.29688	318.16	0	48.852149	-86.945852	56325.07	56247.2	2.80	56327.87	56326.82813	56330.00132	56326.03125	503972.3	5411021.5
L3970.0	503972.3	5411021.5	77761.39844	318.30	0	48.852149	-86.945852	56324.89	56247.2	2.80	56327.70	56326.67969	56329.81693	56325.87109	503972.3	5411021.5
L3970.0	503972.2	5411022.9	77761.50000	317.13	0	48.852162	-86.945852	56324.84	56247.2	2.80	56327.64	56326.63672	56332.42860	56328.50391	503972.2	5411022.9
L3970.0	503972.2	5411024.6	77761.60156	318.64	0	48.852177	-86.945852	56324.74	56247.2	2.80	56327.54	56326.55859	56334.11022	56330.20703	503972.2	5411024.6
L3970.0	503972.2	5411024.6	77761.70313	317.71	0	48.852177	-86.945852	56324.59	56247.2	2.80	56327.39	56326.42578	56334.61864	56330.73828	503972.2	5411024.6
L3970.0	503972.2	5411025.8	77761.79688	318.05	0	48.852188	-86.945852	56324.74	56247.2	2.80	56327.54	56326.59766	56342.63114	56338.77344	503972.2	5411025.8
L3970.0	503972.2	5411027.3	77761.89844	316.45	0	48.852201	-86.945852	56324.31	56247.2	2.80	56327.11	56326.18359	56336.32989	56332.49219	503972.2	5411027.3
L3970.0	503972.2	5411028.9	77762.00000	318.18	0	48.852216	-86.945852	56323.87	56247.2	2.80	56326.67	56325.76172	56329.84142	56326.02344	503972.2	5411028.9
L3970.0	503972.2	5411030.2	77762.10156	314.98	0	48.852227	-86.945852	56324.06	56247.2	2.80	56326.86	56325.96875	56339.04233	56335.24219	503972.2	5411030.2
L3970.0	503972.2	5411030.2	77762.20313	317.88	0	48.852227	-86.945852	56323.54	56247.2	2.80	56326.34	56325.46875	56330.69426	56326.91406	503972.2	5411030.2
L3970.0	503972.2	5411031.8	77762.20313	317.88	0	48.852241	-86.945853	56323.54	56247.2	2.80	56326.34	56325.48438	56335.30474	56331.54297	503972.2	5411031.8
L3970.0	503972.1	5411034.0	77762.39844	317.48	0	48.852261	-86.945853	56323.16	56247.2	2.81	56325.97	56325.12891	56330.80737	56327.06250	503972.1	5411034.0
L3970.0	503972.1	5411035.3	77762.50000	317.08	0	48.852273	-86.945853	56323.11	56247.2	2.81	56325.92	56325.09766	56334.30359	56330.57422	503972.1	5411035.3
L3970.0	503972.1	5411035.3	77762.60156	315.43	0	48.852273	-86.945853	56322.83	56247.2	2.81	56325.64	56324.83203	56332.17065	56328.45703	503972.1	5411035.3
L3970.0	503972.1	5411036.9	77762.70313	315.42	0	48.852287	-86.945853	56322.42	56247.2	2.81	56325.23	56324.43750	56326.88714	56323.19141	503972.1	5411036.9
L3970.0	503972.1	5411038.6	77762.79688	313.75	0	48.852303	-86.945853	56322.29	56247.2	2.82	56325.11	56324.33203	56328.85196	56325.16797	503972.1	5411038.6
L3970.0	503972.1	5411038.6	77762.89844	317.56	0	48.852303	-86.945853	56322.16	56247.2	2.82	56324.98	56324.21484	56330.64242	56326.97266	503972.1	5411038.6
L3970.0	503972.1	5411040.5	77763.00000	318.73	0	48.852320	-86.945853	56322.21	56247.2	2.82	56325.03	56324.27734	56336.98735	56333.33203	503972.1	5411040.5
L3970.0	503972.1	5411040.5	77763.10156	319.27	0	48.852320	-86.945853	56321.81	56247.2	2.82	56324.63	56323.89063	56332.21674	56328.57422	503972.1	5411040.5
L3970.0	503972.1	5411043.5	77763.20313	317.14	0	48.852347	-86.945853	56321.57	56247.2	2.82	56324.39	56323.66406	56332.03096	56328.40234	503972.1	5411043.5
L3970.0	503972.1	5411043.5	77763.29688	316.99	0	48.852347	-86.945853	56321.22	56247.2	2.82	56324.04	56323.32813	56329.68269	56326.06641	503972.1	5411043.5

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L3970.0	503972.1	5411045.0	77763.39844	314.81	0	48.852360	-86.945853	56321.27	56247.2	2.82	56324.08	56323.37891	56333.96107	56330.35547	503972.1	5411045.0
L3970.0	503972.1	5411046.2	77763.50000	313.42	0	48.852371	-86.945853	56321.14	56247.2	2.82	56323.96	56323.26953	56335.60437	56332.00781	503972.1	5411046.2
L3970.0	503972.1	5411046.2	77763.60156	316.89	0	48.852371	-86.945853	56320.96	56247.2	2.81	56323.78	56323.10156	56336.28659	56332.69922	503972.1	5411046.2
L3970.0	503972.1	5411048.4	77763.70313	316.47	0	48.852391	-86.945853	56320.68	56247.2	2.81	56323.49	56322.82422	56335.14382	56331.56641	503972.1	5411048.4
L3970.0	503972.1	5411049.7	77763.79688	316.79	0	48.852403	-86.945853	56320.22	56247.2	2.81	56323.03	56322.37500	56331.13038	56327.56250	503972.1	5411049.7
L3970.0	503972.1	5411049.7	77763.89844	317.93	0	48.852403	-86.945853	56320.07	56247.2	2.81	56322.88	56322.23438	56332.46666	56328.90625	503972.1	5411049.7
L3970.0	503972.1	5411051.4	77764.00000	319.49	0	48.852418	-86.945853	56319.59	56247.2	2.81	56322.40	56321.76172	56328.17570	56324.62109	503972.1	5411051.4
L3970.0	503972.1	5411053.1	77764.10156	318.74	0	48.852433	-86.945854	56319.51	56247.2	2.81	56322.32	56321.69141	56330.81803	56327.27344	503972.1	5411053.1
L3970.0	503972.1	5411054.3	77764.20313	319.10	0	48.852444	-86.945854	56319.12	56247.2	2.81	56321.93	56321.30859	56328.15898	56324.62109	503972.1	5411054.3
L3970.0	503972.1	5411054.3	77764.20313	319.10	0	48.852444	-86.945854	56318.97	56247.2	2.81	56321.79	56321.17969	56329.87176	56326.33984	503972.1	5411054.3
L3970.0	503972.1	5411056.1	77764.29688	319.09	0	48.852460	-86.945854	56318.66	56247.2	2.82	56321.48	56320.87500	56328.68992	56325.16016	503972.1	5411056.1
L3970.0	503972.1	5411057.8	77764.50000	320.57	0	48.852475	-86.945854	56318.36	56247.2	2.82	56321.18	56320.58203	56327.72825	56324.20313	503972.1	5411057.8
L3970.0	503972.1	5411057.8	77764.60156	319.48	0	48.852475	-86.945854	56318.06	56247.2	2.82	56320.88	56320.28906	56326.81438	56323.29688	503972.1	5411057.8
L3970.0	503972.0	5411059.6	77764.70313	316.00	0	48.852491	-86.945854	56317.98	56247.2	2.82	56320.80	56320.21484	56329.77663	56326.26172	503972.0	5411059.6
L3970.0	503972.0	5411061.3	77764.79688	317.31	0	48.852506	-86.945854	56317.59	56247.2	2.83	56320.42	56319.84375	56327.56938	56324.05859	503972.0	5411061.3
L3970.0	503972.0	5411061.3	77764.89844	316.64	0	48.852506	-86.945854	56317.29	56247.2	2.83	56320.11	56319.53906	56326.62924	56323.12109	503972.0	5411061.3
L3970.0	503972.0	5411063.2	77765.00000	315.55	0	48.852524	-86.945854	56316.91	56247.2	2.83	56319.74	56319.17188	56324.69618	56321.19141	503972.0	5411063.2
L3970.0	503972.0	5411064.8	77765.10156	317.45	0	48.852539	-86.945854	56316.63	56247.2	2.83	56319.46	56318.89844	56324.37918	56320.87500	503972.0	5411064.8
L3970.0	503972.0	5411064.8	77765.20313	318.07	0	48.852539	-86.945854	56316.40	56247.2	2.83	56319.22	56318.66406	56324.80697	56321.30469	503972.0	5411064.8
L3970.0	503972.0	5411066.6	77765.29688	317.37	0	48.852555	-86.945854	56316.29	56247.2	2.82	56319.11	56318.55859	56327.53649	56324.03516	503972.0	5411066.6
L3970.0	503972.0	5411066.6	77765.39844	318.91	0	48.852555	-86.945854	56316.17	56247.2	2.82	56318.99	56318.44141	56330.13809	56326.63672	503972.0	5411066.6
L3970.0	503972.0	5411068.5	77765.50000	320.87	0	48.852572	-86.945854	56315.93	56247.2	2.82	56318.75	56318.20313	56330.71318	56327.21484	503972.0	5411068.5
L3970.0	503972.0	5411069.7	77765.60156	318.70	0	48.852582	-86.945854	56315.56	56247.2	2.82	56318.38	56317.83594	56329.09691	56325.59766	503972.0	5411069.7
L3970.0	503972.0	5411070.9	77765.70313	318.60	0	48.852593	-86.945854	56315.07	56247.2	2.82	56317.88	56317.33984	56325.29249	56321.79688	503972.0	5411070.9
L3970.0	503972.0	5411072.6	77765.79688	318.45	0	48.852609	-86.945855	56314.58	56247.2	2.81	56317.40	56316.85938	56321.88804	56318.39063	503972.0	5411072.6
L3970.0	503972.0	5411072.6	77765.89844	316.04	0	48.852609	-86.945855	56314.56	56247.2	2.81	56317.37	56316.83203	56326.31590	56322.81641	503972.0	5411072.6
L3970.0	503972.0	5411074.3	77766.00000	316.85	0	48.852624	-86.945855	56314.31	56247.2	2.81	56317.11	56316.57422	56326.82663	56323.32813	503972.0	5411074.3
L3970.0	503972.0	5411075.5	77766.10156	318.24	0	48.852635	-86.945855	56313.79	56247.2	2.81	56316.60	56316.06641	56323.05685	56319.55859	503972.0	5411075.5
L3970.0	503972.0	5411076.7	77766.20313	319.92	0	48.852645	-86.945855	56313.52	56247.2	2.81	56316.33	56315.79688	56323.49876	56320.00000	503972.0	5411076.7
L3970.0	503972.0	5411076.7	77766.20313	319.92	0	48.852645	-86.945855	56313.28	56247.2	2.81	56316.09	56315.55469	56324.51773	56321.01563	503972.0	5411076.7
L3970.0	503972.0	5411078.0	77766.39844	319.82	0	48.852657	-86.945855	56313.08	56247.2	2.81	56315.89	56315.35547	56326.29060	56322.78906	503972.0	5411078.0
L3970.0	503972.0	5411079.9	77766.50000	318.11	0	48.852674	-86.945855	56312.97	56247.2	2.81	56315.79	56315.25781	56329.86953	56326.36719	503972.0	5411079.9
L3970.0	503972.0	5411079.9	77766.60156	317.36	0	48.852674	-86.945855	56312.34	56247.2	2.82	56315.16	56314.62500	56324.21660	56320.71094	503972.0	5411079.9
L3970.0	503972.0	5411081.6	77766.70313	315.15	0	48.852689	-86.945855	56311.64	56247.2	2.82	56314.46	56313.92578	56317.36470	56313.85938	503972.0	5411081.6
L3970.0	503972.0	5411082.9	77766.79688	314.88	0	48.852701	-86.945855	56311.39	56247.2	2.82	56314.21	56313.67578	56318.44937	56314.94141	503972.0	5411082.9
L3970.0	503971.9	5411084.3	77766.89844	315.55	0	48.852714	-86.945855	56311.19	56247.2	2.82	56314.01	56313.47266	56320.45733	56316.94922	503971.9	5411084.3
L3970.0	503971.9	5411084.3	77767.00000	315.82	0	48.852714	-86.945855	56310.93	56247.2	2.82	56313.75	56313.21094	56321.45318	56317.94141	503971.9	5411084.3
L3970.0	503971.9	5411085.9	77767.10156	317.89	0	48.852729	-86.945855	56310.58	56247.2	2.82	56313.40	56312.85938	56320.91073	56317.39844	503971.9	5411085.9
L3970.0	503971.9	5411087.7	77767.20313	319.73	0	48.852744	-86.945856	56310.06	56247.2	2.83	56312.89	56312.34766	56317.61456	56314.10156	503971.9	5411087.7
L3970.0	503971.9	5411089.1	77767.29688	319.34	0	48.852757	-86.945856	56310.02	56247.2	2.83	56312.85	56312.30469	56322.56176	56319.04688	503971.9	5411089.1
L3970.0	503971.9	5411089.1	77767.39844	319.32	0	48.852757	-86.945856	56309.81	56247.2	2.83	56312.64	56312.09375	56324.56262	56321.04688	503971.9	5411089.1
L3970.0	503971.9	5411090.6	77767.50000	320.00	0	48.852771	-86.945856	56309.15	56247.2	2.83	56311.98	56311.42969	56318.80837	56315.29297	503971.9	5411090.6
L3970.0	503971.9	5411090.6	77767.60156	320.83	0	48.852771	-86.945856	56308.87	56247.2	2.84	56311.70	56311.14844	56319.67854	56316.16406	503971.9	5411090.6
L3970.0	503971.9	5411092.4	77767.70313	319.57	0	48.852787	-86.945856	56308.43	56247.2	2.84	56311.28	56310.72266	56318.18239	56314.66797	503971.9	5411092.4
L3970.0	503971.9	5411093.9	77767.79688	317.41	0	48.852800	-86.945856	56308.11	56247.2	2.84	56310.95	56310.39063	56318.27291	56314.75781	503971.9	5411093.9
L3970.0	503971.9	5411095.4	77767.89844	317.66	0	48.852814	-86.945856	56307.62	56247.2	2.85	56310.47	56309.90625	56315.85837	56312.34375	503971.9	5411095.4
L3970.0	503971.8	5411097.2	77768.00000	318.51	0	48.852830	-86.945856	56307.23	56247.2	2.85	56310.08	56309.51172	56315.02524	56311.51172	503971.8	5411097.2
L3970.0	503971.8	5411097.2	77768.10156	316.51	0	48.852830	-86.945856	56306.91	56247.2	2.85	56309.76	56309.19141	56315.41730	56311.90625	503971.8	5411097.2
L3970.0	503971.8	5411099.7	77768.20313	316.61	0	48.852852	-86.945857	56306.21	56247.2	2.85	56309.06	56308.48438	56306.53038	56303.01953	503971.8	5411099.7
L3970.0	503971.8	5411099.7	77768.20313	316.61	0	48.852852	-86.945857	56306.32	56247.2	2.85	56309.16	56308.58203	56318.03121	56314.52344	503971.8	5411099.7
L3970.0	503971.8	5411101.5	77768.39844	316.52	0	48.852869	-86.945857	56305.55	56247.2	2.85	56308.39	56307.80859	56307.90581	56304.39844	503971.8	5411101.5
L3970.0	503971.8	5411101.5	77768.50000	315.93	0	48.852869	-86.945857	56305.40	56247.2	2.85	56308.24	56307.65234	56313.28013	56309.77734	503971.8	5411101.5
L3970.0	503971.8	5411103.3	77768.60156	317.91	0	48.852885	-86.945857	56304.81	56247.2	2.84	56307.65	56307.05859	56307.75819	56304.25781	503971.8	5411103.3
L3970.0	503971.8	5411104.8	77768.70313	315.40	0	48.852898	-86.945857	56304.40	56247.2	2.84	56307.25	56306.65234	56308.81603	56305.32031	503971.8	5411104.8
L3970.0	503971.8	5411106.5	77768.79688	317.82	0	48.852913	-86.945857	56304.32	56247.2	2.84	56307.16	56306.55859	56313.39610	56309.90234	503971.8	5411106.5
L3970.0	503971.8	5411106.5	77768.89844	318.27	0	48.852913	-86.945857	56304.00	56247.2	2.84	56306.84	56306.23438	56314.17354	56310.68750	503971.8	5411106.5
L3970.0	503971.8	5411108.2	77769.00000	316.29	0	48.852929	-86.945858	56303.43	56247.2	2.84	56306.27	56305.66016	56310.75045	56307.26953	503971.8	5411108.2
L3970.0	503971.8	5411110.0	77769.10156	314.30	0	48.852945	-86.945858	56303.33	56247.2	2.84	56306.17	56305.55469	56315.39730	56311.92188	503971.8	5411110.0
L3970.0	503971.8	5411110.0	77769.20313	314.32	0	48.852945	-86.945858	56302.56	56247.2	2.84	56305.40	56304.78125	56308.57882	56305.10938	503971.8	5411110.0
L3970.0	503971.8	5411111.7	77769.29688	316.35	0	48.852960	-86.945858	56302.36	56247.2	2.83	56305.19	56304.56641	56311.45861	56307.99609	503971.8	5411111.7
L3970.0	503971.8	5411113.4	77769.39844	316.00	0	48.852976	-86.945858	56301.46	56247.2	2.83	56304.29	56303.66016	56302.32606	56298.87109	503971.8	5411113.4
L3970.0	503971.8	5411113.4	77769.50000	316.89	0	48.852976	-86.945858	56301.54	56247.2	2.83	56304.37	56303.73438	56310.41584	56306.97266	503971.8	5411113.4
L3970.0	503971.8	5411114.9	77769.60156	318.82	0	48.852989	-86.945858	56300.98	56247.2	2.83	56303.81	56303.16797	56307.28530	56303.85156	503971.8	5411114.9
L3970.0	503971.7	5411117.0	77769.70313	321.71	0	48.853008	-86.945858	56300.60	56247.2	2.83	56303.42	56302.77344	56307.19800	56303.77344	503971.7	5411117.0
L3970.0	503971.7	5411118.4	77769.79688	321.17	0	48.853021	-86.945858	56300.32	56247.2	2.82	56303.14	56302.48828	56309.12212	56305.71094	503971.7	5411118.4
L3970.0	503971.7	5411118.4	77769.89844	321.71	0	48.853021	-86.945858	56299.73	56247.2	2.82	56302.55	56301.89453	56305.53213	56302.13281	503971.7	5411118.4
L3970.0	503971.7	5411119.9	77770.00000	322.32	0	48.853034	-86.945858	56299.53	56247.2	2.82	56302.35	56301.68750	56308.97981	56305.59375	503971.7	5411119.9
L3970.0	503971.7	5411121.6	77770.10156	321.51	0	48.853050	-86.945858	56298.73	56247.2	2.82	56301.55	56300.88281	56301.68453	56298.31250	503971.7	5411121.6
L3970.0	503971.7	5411121.6	77770.20313	320.02	0	48.853050	-86.945858	56298.69	56247.2	2.82	56301.51	56300.83984	56308.08026	56304.72266	503971.7	5411121.6
L3970.0	503971.7	5411123.4	77770.20313	320.02	0	48.853066	-86.945858	56298.17	56247.2	2.82	56301.00	56300.32422	56306.07259	56302.73047	503971.7	5411123.4
L3970.0	503971.7	5411124.9	77770.39844	319.75	0	48.853079	-86.945859	56297.69	56247.2	2.83	56300.52	56299.83984	56304.64872	56301.32031	503971.7	5411124.9
L3970.0	503971.7	5411126.4	77770.50000	319.46	0	48.853093	-86.945859	56297.41	56247.2	2.83	56300.24	56299.55469	56306.81282	56303.50391	503971.7	5411126.4
L3970.0	503971.7	5411126.4	77770.60156	317.68	0	48.853093	-86.945859	56296.70	56247.2	2.83	56299.53	56298.83984	56301.42842	56298.13672	503971.7	5411126.4
L3970.0	503971.6	5411128.3	77770.70313	318.75	0	48.853109	-86.945859	56296.49	56247.2	2.83	56299.32	56298.62500	56304.87303	56301.60156	503971.6	5411128.3
L3970.0	503971.6	5411129.5	77770.79688	318.39	0	48.853120	-86.945860	56295.88	56247.2	2.84	56298.71	56298.01172	56301.38596	56298.13281	503971.6	5411129.5
L3970.0	503971.6	5411131.0	77770.89844	316.13	0	48.853134	-86.945860	56295.78	56247.2	2.84	56298.61	56297.90625	56306.72383	56303.49219	503971.6	5411131.0
L3970.0	503971.6	5411131.0	77771.00000	317.85	0	48.853134	-86.945860	56295.04	56247.2	2.84	56297.88	56297.17188	56301.31901	56298.10938	503971.6	5411131.0
L3970.0	503971.5	5411132.9	77771.10156	316.71	0	48.853151	-86.945860	56294.55	56247.2	2.84	56297.39	56296.67578	56300.08203	56296.89453	503971.5	5411132.9
L3970.0	503971.5	5411132.9	77771.20313	316.19	0	48.853151	-86.945860	56294.42	56247.2	2.84	56297.26	56296.54297	56305.96296	56302.80078	503971.5	5411132.9
L3970.0	503971.5	5411136.1	77771.29688	312.91	0	48.853180	-86.945861	56293.68	56247.2	2.84	56296.52	56295.80078	56298.25436	56295.11719	503971.5	5411136.1
L3970.0	503971.5	5411136.1	77771.39844	315.20	0	48.853180	-86.945861	56293.57	56247.2	2.84	56296.41	56295.68359	56306.09582	56302.98438	503971.5	5411136.1
L3970.0	503971.4	5411137.4	77771.50000	317.00	0	48.853191	-86.945862	56292.67	56247.2	2.83	56295.50	56294.77344	56294.53473	56291.44922	503971.4	5411137.4
L3970.0	503971.4	5411139.1	77771.60156	315.54	0	48.853207	-86.945862	56292.56	56247.2	2.83	56295.39	56294.65625	56302.44692	56299.39063	503971.4	5411139.1
L3970.0	503971.4	5411139.1	77771.70313	314.88	0	48.853207	-86.945862	56291.84	56247.2	2.83	56294.68	56293.94531	56295.97976	56292.95313	503971.4	5411139.1
L3970.0	503971.4	5411140.7	77771.79688	316.34	0	48.853221	-86.945863	56291.69	56247.2	2.83	56294.52	56293.78125	56302.78839	56299.78906	503971.4	5411140.7
L3970.0	503971.3	5411142.5	77771.89844	315.87	0	48.853237	-86.945863	56290.75	56247.2	2.83	56293.58	56292.83594	56291.03140	56288.06250	503971.3	5411142.5
L3970.0	503971.3	5411143.9	77772.00000	312.60	0	48.853250	-86.945863	56290.26	56247.2	2.83	56293.09	56292.34375	56290.11609	56287.17969	503971.3	5411143.9
L3970.0	503971.3	5411143.9	77772.10156	313.69	0	48.853250	-86.945863	56290.08	56247.2	2.83	56292.91	56292.16016	56296.69326	56293.79297	503971.3	5411143.9
L3970.0	503971.3	5411145.7	77772.20313	315.43	0	48.853266	-86.945864	56289.48	56247.2	2.83	56292.31	56291.55859	56293.31815	56290.44922	503971.3	5411145.7
L3970.0	503971.2	5411147.2	77772.20313	315.43	0	48.853280	-86.945864	56288.72	56247.2	2.83	56291.56	56290.80469	56286.40983	56283.57813	503971.2	5411147.2
L3970.0	503971.2	5411147.2	77772.39844	317.02	0	48.853280	-86.945864	56288.70	56247.2	2.83	56291.54	56290.78516	56297.15252	56294.35547	503971.2	5411147.2
L3970.0	503971.2	5411149.1	77772.50000	319.92	0	48.853297	-86.945865	56288.17	56247.2	2.83	56291.01	56290.25000	56295.71977	56292.96094	503971.2	5411149.1
L3970.0	503971.2	5411150.6	77772.60156	317.99	0	48.853310	-86.945865	56287.48	56247.2	2.84	56290.32	56289.55859	56290.47705	56287.75391	503971.2	5411150.6

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L3970.0	503971.2	5411150.6	77772.70313	316.66	0	48.853310	-86.945865	56287.09	56247.2	2.84	56289.93	56289.16797	56292.61150	56289.92969	503971.2	5411150.6
L3970.0	503971.2	5411152.2	77772.79688	317.24	0	48.853324	-86.945865	56286.72	56247.2	2.84	56289.56	56288.79688	56295.34889	56292.70703	503971.2	5411152.2
L3970.0	503971.1	5411153.7	77772.89844	317.85	0	48.853338	-86.945866	56286.05	56247.2	2.84	56288.89	56288.12500	56290.81249	56288.21094	503971.1	5411153.7
L3970.0	503971.1	5411155.7	77773.00000	318.62	0	48.853356	-86.945866	56285.57	56247.2	2.84	56288.41	56287.64063	56291.03148	56288.47266	503971.1	5411155.7
L3970.0	503971.1	5411155.7	77773.10156	317.66	0	48.853356	-86.945866	56285.02	56247.2	2.84	56287.86	56287.08984	56289.60711	56287.08984	503971.1	5411155.7
L3970.0	503971.1	5411157.4	77773.20313	317.22	0	48.853371	-86.945867	56284.47	56247.2	2.84	56287.31	56286.53906	56288.26491	56285.79297	503971.1	5411157.4
L3970.0	503971.0	5411158.9	77773.29688	316.89	0	48.853385	-86.945867	56284.23	56247.2	2.84	56287.07	56286.29688	56294.73876	56292.31250	503971.0	5411158.9
L3970.0	503971.0	5411160.3	77773.39844	319.79	0	48.853397	-86.945867	56283.76	56247.2	2.84	56286.60	56285.82813	56295.57505	56293.19531	503971.0	5411160.3
L3970.0	503971.0	5411160.3	77773.50000	318.80	0	48.853397	-86.945867	56282.81	56247.2	2.84	56285.65	56284.87500	56286.22078	56283.88672	503971.0	5411160.3
L3970.0	503971.0	5411162.0	77773.60156	318.93	0	48.853413	-86.945868	56282.70	56247.2	2.84	56285.54	56284.76563	56292.65548	56290.36719	503971.0	5411162.0
L3970.0	503971.0	5411163.5	77773.70313	318.48	0	48.853427	-86.945868	56281.82	56247.2	2.84	56284.66	56283.88672	56285.31705	56283.07813	503971.0	5411163.5
L3970.0	503971.0	5411163.5	77773.79688	317.35	0	48.853427	-86.945868	56281.02	56247.2	2.84	56283.86	56283.08594	56278.23746	56276.04688	503971.0	5411163.5
L3970.0	503970.9	5411165.0	77773.89844	318.71	0	48.853440	-86.945868	56280.68	56247.2	2.84	56283.52	56282.74609	56282.72371	56280.58594	503970.9	5411165.0
L3970.0	503970.9	5411167.2	77774.00000	317.47	0	48.853460	-86.945868	56280.41	56247.2	2.84	56283.25	56282.47656	56289.00790	56286.91797	503970.9	5411167.2
L3970.0	503970.9	5411168.6	77774.10156	317.60	0	48.853473	-86.945869	56279.88	56247.2	2.84	56282.72	56281.94531	56288.88616	56286.85156	503970.9	5411168.6
L3970.0	503970.9	5411168.6	77774.20313	317.41	0	48.853473	-86.945869	56278.90	56247.2	2.84	56281.74	56280.96484	56277.71741	56275.73438	503970.9	5411168.6
L3970.0	503970.9	5411170.6	77774.20313	317.41	0	48.853490	-86.945869	56278.63	56247.2	2.84	56281.47	56280.69531	56284.17441	56282.24219	503970.9	5411170.6
L3970.0	503970.9	5411172.1	77774.29688	318.51	0	48.853503	-86.945869	56278.11	56247.2	2.84	56280.95	56280.17578	56284.52084	56282.64453	503970.9	5411172.1
L3970.0	503970.9	5411172.1	77774.50000	316.30	0	48.853503	-86.945869	56277.47	56247.2	2.83	56280.31	56279.53516	56281.99898	56280.17578	503970.9	5411172.1
L3970.0	503970.9	5411173.8	77774.60156	317.30	0	48.853519	-86.945868	56276.66	56247.2	2.83	56279.49	56278.71875	56275.18187	56273.41406	503970.9	5411173.8
L3970.0	503970.9	5411175.9	77774.70313	316.55	0	48.853538	-86.945868	56276.51	56247.2	2.83	56279.34	56278.56641	56284.72137	56283.00781	503970.9	5411175.9
L3970.0	503970.9	5411175.9	77774.79688	315.97	0	48.853538	-86.945868	56275.41	56247.2	2.83	56278.24	56277.46875	56271.31522	56269.66016	503970.9	5411175.9
L3970.0	503970.9	5411177.3	77774.89844	315.34	0	48.853551	-86.945868	56275.02	56247.2	2.83	56277.85	56277.07813	56275.14812	56273.54688	503970.9	5411177.3
L3970.0	503970.9	5411179.2	77775.00000	316.38	0	48.853568	-86.945868	56274.54	56247.2	2.83	56277.37	56276.60156	56276.85701	56275.31641	503970.9	5411179.2
L3970.0	503970.9	5411180.5	77775.10156	315.77	0	48.853579	-86.945868	56273.98	56247.2	2.83	56276.81	56276.04297	56276.70477	56275.21875	503970.9	5411180.5
L3970.0	503970.9	5411180.5	77775.20313	316.33	0	48.853579	-86.945868	56273.24	56247.2	2.84	56276.08	56275.31250	56272.56796	56271.14063	503970.9	5411180.5
L3970.0	503970.9	5411182.2	77775.29688	315.12	0	48.853595	-86.945868	56272.83	56247.2	2.84	56275.67	56274.90234	56276.11160	56274.74219	503970.9	5411182.2
L3970.0	503970.9	5411183.7	77775.39844	314.58	0	48.853608	-86.945869	56272.27	56247.2	2.84	56275.11	56274.34375	56276.14648	56274.83594	503970.9	5411183.7
L3970.0	503970.9	5411185.6	77775.50000	313.85	0	48.853625	-86.945869	56271.33	56247.2	2.85	56274.17	56273.40625	56267.26574	56266.01563	503970.9	5411185.6
L3970.0	503970.9	5411185.6	77775.60156	314.63	0	48.853625	-86.945869	56270.92	56247.2	2.85	56273.77	56273.00781	56271.21514	56270.02344	503970.9	5411185.6
L3970.0	503970.9	5411187.2	77775.70313	316.45	0	48.853640	-86.945869	56270.36	56247.1	2.85	56273.21	56272.44922	56271.44622	56270.31250	503970.9	5411187.2
L3970.0	503970.9	5411189.0	77775.79688	317.16	0	48.853655	-86.945869	56269.99	56247.1	2.85	56272.85	56272.08984	56276.44897	56275.37500	503970.9	5411189.0
L3970.0	503970.9	5411189.0	77775.89844	318.27	0	48.853655	-86.945869	56269.03	56247.1	2.86	56271.88	56271.12109	56267.15681	56266.14453	503970.9	5411189.0
L3970.0	503970.8	5411191.2	77776.00000	315.91	0	48.853675	-86.945869	56268.65	56247.1	2.86	56271.51	56270.75000	56272.05738	56271.10547	503970.8	5411191.2
L3970.0	503970.8	5411192.7	77776.10156	317.12	0	48.853689	-86.945869	56267.81	56247.1	2.86	56270.67	56269.91016	56265.95132	56265.05859	503970.8	5411192.7
L3970.0	503970.8	5411192.7	77776.20313	316.32	0	48.853689	-86.945869	56267.50	56247.1	2.86	56270.36	56269.60156	56272.41806	56271.58594	503970.8	5411192.7
L3970.0	503970.8	5411194.8	77776.20313	316.32	0	48.853707	-86.945869	56266.66	56247.1	2.86	56269.51	56268.75391	56266.19689	56265.42188	503970.8	5411194.8
L3970.0	503970.9	5411196.6	77776.39844	316.31	0	48.853724	-86.945869	56266.12	56247.1	2.86	56268.98	56268.22266	56267.61533	56266.90234	503970.9	5411196.6
L3970.0	503970.9	5411196.6	77776.50000	316.08	0	48.853724	-86.945869	56265.48	56247.1	2.85	56268.33	56267.57422	56266.25929	56265.60547	503970.9	5411196.6
L3970.0	503970.9	5411198.1	77776.60156	314.86	0	48.853738	-86.945869	56264.85	56247.1	2.85	56267.70	56266.94531	56265.44847	56264.85156	503970.9	5411198.1
L3970.0	503970.9	5411198.1	77776.70313	315.44	0	48.853738	-86.945869	56264.51	56247.1	2.85	56267.36	56266.60547	56271.65827	56271.12109	503970.9	5411198.1
L3970.0	503970.9	5411199.9	77776.79688	316.16	0	48.853754	-86.945869	56263.36	56247.1	2.85	56266.21	56265.45313	56258.51129	56258.03516	503970.9	5411199.9
L3970.0	503970.9	5411201.4	77776.89844	316.21	0	48.853768	-86.945869	56263.03	56247.1	2.85	56265.88	56265.12500	56265.13951	56264.71875	503970.9	5411201.4
L3970.0	503970.9	5411203.2	77777.00000	315.69	0	48.853783	-86.945869	56262.39	56247.2	2.85	56265.24	56264.48438	56264.38592	56264.02344	503970.9	5411203.2
L3970.0	503970.9	5411203.2	77777.10156	316.66	0	48.853783	-86.945869	56261.68	56247.2	2.85	56264.53	56263.77344	56262.00387	56261.69922	503970.9	5411203.2
L3970.0	503970.9	5411204.9	77777.20313	318.64	0	48.853799	-86.945868	56260.86	56247.2	2.85	56263.70	56262.94141	56256.75424	56256.50781	503970.9	5411204.9
L3970.0	503970.9	5411204.9	77777.29688	319.34	0	48.853799	-86.945868	56260.68	56247.2	2.84	56263.53	56262.76953	56267.71806	56267.52734	503970.9	5411204.9
L3970.0	503970.9	5411206.7	77777.39844	321.04	0	48.853815	-86.945868	56259.69	56247.2	2.84	56262.53	56261.76953	56258.43114	56258.29688	503970.9	5411206.7
L3970.0	503970.9	5411208.2	77777.50000	319.25	0	48.853828	-86.945868	56258.94	56247.2	2.84	56261.78	56261.01953	56255.32905	56255.25000	503970.9	5411208.2
L3970.0	503971.0	5411209.6	77777.60156	317.71	0	48.853841	-86.945867	56258.52	56247.2	2.84	56261.36	56260.59766	56260.44791	56260.42578	503971.0	5411209.6
L3970.0	503971.0	5411211.5	77777.70313	318.35	0	48.853858	-86.945867	56257.62	56247.2	2.84	56260.46	56259.69531	56253.77549	56253.80859	503971.0	5411211.5
L3970.0	503971.0	5411211.5	77777.79688	319.82	0	48.853858	-86.945867	56257.49	56247.2	2.83	56260.33	56259.56250	56266.25654	56266.33984	503971.0	5411211.5
L3970.0	503971.0	5411213.0	77777.89844	319.63	0	48.853872	-86.945866	56256.17	56247.2	2.83	56259.00	56258.22656	56249.04789	56249.18359	503971.0	5411213.0
L3970.0	503971.1	5411214.6	77778.00000	317.62	0	48.853886	-86.945866	56255.91	56247.2	2.83	56258.74	56257.96484	56258.45516	56258.64453	503971.1	5411214.6
L3970.0	503971.1	5411214.6	77778.10156	317.45	0	48.853886	-86.945866	56254.79	56247.2	2.83	56257.62	56256.83984	56246.60449	56246.84375	503971.1	5411214.6
L3970.0	503971.1	5411216.5	77778.20313	317.49	0	48.853903	-86.945865	56254.52	56247.2	2.84	56257.36	56256.57813	56256.12792	56256.41797	503971.1	5411216.5
L3970.0	503971.2	5411218.0	77778.20313	317.49	0	48.853917	-86.945864	56253.58	56247.2	2.84	56256.42	56255.63281	56248.89944	56249.23828	503971.2	5411218.0
L3970.0	503971.2	5411219.6	77778.39844	317.61	0	48.853931	-86.945864	56252.96	56247.2	2.85	56255.80	56255.00781	56249.63913	56250.02734	503971.2	5411219.6
L3970.0	503971.3	5411221.0	77778.50000	317.78	0	48.853943	-86.945863	56252.31	56247.2	2.85	56255.16	56254.36328	56249.93978	56250.37500	503971.3	5411221.0
L3970.0	503971.3	5411221.0	77778.60156	316.83	0	48.853943	-86.945863	56251.60	56247.1	2.85	56254.45	56253.64453	56248.58804	56249.06641	503971.3	5411221.0
L3970.0	503971.3	5411222.8	77778.70313	318.22	0	48.853960	-86.945862	56250.68	56247.1	2.86	56253.54	56252.73047	56242.47318	56242.99609	503971.3	5411222.8
L3970.0	503971.4	5411224.2	77778.79688	317.88	0	48.853972	-86.945861	56250.19	56247.1	2.86	56253.05	56252.23047	56246.55176	56247.12109	503971.4	5411224.2
L3970.0	503971.4	5411225.8	77778.89844	317.24	0	48.853987	-86.945861	56249.62	56247.1	2.87	56252.48	56251.65625	56248.70761	56249.31641	503971.4	5411225.8
L3970.0	503971.4	5411225.8	77779.00000	316.07	0	48.853987	-86.945861	56248.54	56247.1	2.87	56251.41	56250.57813	56239.06011	56239.71094	503971.4	5411225.8
L3970.0	503971.5	5411227.3	77779.10156	314.19	0	48.854000	-86.945860	56248.32	56247.1	2.87	56251.19	56250.34766	56249.50757	56250.19922	503971.5	5411227.3
L3970.0	503971.5	5411229.1	77779.20313	314.12	0	48.854017	-86.945859	56247.06	56247.1	2.87	56249.93	56249.07813	56235.63033	56236.35938	503971.5	5411229.1
L3970.0	503971.6	5411230.7	77779.29688	315.02	0	48.854031	-86.945859	56246.75	56247.1	2.87	56249.62	56248.75781	56243.92671	56244.69141	503971.6	5411230.7
L3970.0	503971.6	5411230.7	77779.39844	315.76	0	48.854031	-86.945859	56245.96	56247.1	2.87	56248.83	56247.95703	56241.10981	56241.91016	503971.6	5411230.7
L3970.0	503971.6	5411232.4	77779.50000	315.76	0	48.854046	-86.945858	56245.17	56247.1	2.87	56248.04	56247.15625	56238.34027	56239.17578	503971.6	5411232.4
L3970.0	503971.6	5411234.2	77779.60156	314.90	0	48.854063	-86.945858	56244.61	56247.1	2.87	56247.48	56246.58594	56240.85094	56241.71875	503971.6	5411234.2
L3970.0	503971.6	5411234.2	77779.70313	314.90	0	48.854063	-86.945858	56244.20	56247.1	2.87	56247.07	56246.16016	56246.78071	56247.67578	503971.6	5411234.2
L3970.0	503971.7	5411235.9	77779.70313	314.12	0	48.854077	-86.945858	56243.05	56247.1	2.87	56245.92	56245.00000	56235.88248	56236.80859	503971.7	5411235.9
L3970.0	503971.7	5411237.3	77779.89844	315.63	0	48.854090	-86.945857	56242.54	56247.1	2.87	56245.41	56244.47656	56239.57253	56240.52734	503971.7	5411237.3
L3970.0	503971.7	5411238.8	77780.00000	314.41	0	48.854103	-86.945857	56241.81	56247.1	2.87	56244.68	56243.73047	56238.26896	56239.25000	503971.7	5411238.8
L3970.0	503971.7	5411238.8	77780.10156	314.41	0	48.854103	-86.945857	56241.03	56247.1	2.87	56243.90	56242.93359	56235.82735	56236.83203	503971.7	5411238.8
L3970.0	503971.7	5411240.8	77780.20313	314.45	0	48.854122	-86.945857	56240.47	56247.1	2.87	56243.33	56242.34766	56238.24554	56239.26953	503971.7	5411240.8
L3970.0	503971.7	5411240.8	77780.20313	314.45	0	48.854122	-86.945857	56239.33	56247.1	2.87	56242.19	56241.19141	56227.42440	56228.47266	503971.7	5411240.8
L3970.0	503971.7	5411242.3	77780.20313	314.45	0	48.854135	-86.945856	56238.96	56247.1	2.87	56241.82	56240.80469	56234.58366	56235.64844	503971.7	5411242.3
L3970.0	503971.8	5411244.4	77780.39844	314.98	0	48.854154	-86.945856	56237.98	56247.1	2.86	56240.84	56239.80469	56227.41020	56228.49219	503971.8	5411244.4
L3970.0	503971.8	5411244.4	77780.60156	316.64	0	48.854154	-86.945856	56237.56	56247.1	2.86	56240.42	56239.36328	56233.58089	56234.67969	503971.8	5411244.4
L3970.0	503971.8	5411245.9	77780.70313	316.23	0	48.854168	-86.945856	56236.54	56247.1	2.86	56239.39	56238.31250	56225.13354	56226.24219	503971.8	5411245.9
L3970.0	503971.8	5411247.7	77780.79688	316.48	0	48.854184	-86.945856	56236.01	56247.1	2.85	56238.87	56237.77344	56229.04301	56230.16406	503971.8	5411247.7
L3970.0	503971.8	5411247.7	77780.89844	319.45	0	48.854184	-86.945856	56235.14	56247.1	2.85	56237.99	56236.87109	56224.18540	56225.31641	503971.8	5411247.7
L3970.0	503971.8	5411249.3	77781.00000	318.44	0	48.854198	-86.945856	56234.29	56247.2	2.85	56237.14	56235.99609	56220.03407	56221.17188	503971.8	5411249.3
L3970.0	503971.8	5411251.0	77781.10156	318.88	0	48.854214	-86.945856	56233.71	56247.1	2.85	56236.57	56235.40234	56223.35761	56224.50000	503971.8	5411251.0
L3970.0	503971.8	5411252.5	77781.20313	320.75	0	48.854227	-86.945856	56232.68	56247.1	2.86	56235.54	56234.34766	56217.21903	56218.36719	503971.8	5411252.5
L3970.0	503971.8	5411252.5	77781.29688	319.10	0	48.854227	-86.945856	56232.44	56247.1	2.86	56235.30	56234.08203	56224.55635	56225.70703	503971.8	5411252.5
L3970.0	503971.8	5411254.5	77781.39844	320.28	0	48.854245	-86.945856	56231.44	56247.1	2.87	56234.30	56233.05859	56218.93214	56220.08203	503971.8	5411254.5
L3970.0	503971.8	5411256.3	77781.50000	321.18	0	48.854262	-86.945856	56231.00	56247.1	2.87	56233.87	56232.59766	56223.16224	56224.30859	503971.8	5411256.3
L3970.0	503971.7	5411258.2	77781.60156	320.13	0	48.854278	-86.945856	56230.11	56247.1	2.87	56232.98	56231.67969	56219.44889	56220.58984	503971.7	5411258.2
L3970.0	503971.7	5411258.2	77781.70313	321.02	0	48.854278	-86.945856	56229.62	56247.1	2.88	56232.50	56231.17188	56222.92035	56224.05469	503971.7	5411258.2
L3970.0	503971.7	5411259.7	77781.79688	318.04	0	48.854292	-86.945857	56228.53	56247.1	2.88	56231.41	56230.05078	56215.70337	56216.82813	503971.7	5411259.7
L3970.0	503971.7	5411261.5	77781.89844	318.31	0	48.854308	-86.945857	56228.25	56247.1	2.89	56231.13	56229.73828	56222.78487	56223.90234	503971.7	5411261.5

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L3970.0	503971.7	5411261.5	77782.00000	317.45	0	48.854308	-86.945857	56227.38	56247.1	2.89	56230.27	56228.84766	56219.64662	56220.75000	503971.7	5411261.5
L3970.0	503971.7	5411263.6	77782.10156	317.68	0	48.854327	-86.945857	56226.71	56247.1	2.89	56229.60	56228.14063	56219.89014	56220.97656	503971.7	5411263.6
L3970.0	503971.6	5411265.0	77782.20313	317.89	0	48.854339	-86.945858	56225.52	56247.1	2.89	56228.41	56226.91797	56210.89802	56211.96875	503971.6	5411265.0
L3970.0	503971.6	5411265.0	77782.20313	317.89	0	48.854339	-86.945858	56224.81	56247.1	2.89	56227.70	56226.17188	56210.45380	56211.50391	503971.6	5411265.0
L3970.0	503971.6	5411266.6	77782.39844	316.72	0	48.854354	-86.945858	56224.34	56247.1	2.89	56227.23	56225.66406	56214.28763	56215.31641	503971.6	5411266.6
L3970.0	503971.6	5411267.9	77782.50000	317.80	0	48.854365	-86.945859	56223.14	56247.1	2.89	56226.03	56224.42969	56205.15016	56206.15625	503971.6	5411267.9
L3970.0	503971.5	5411270.0	77782.60156	319.43	0	48.854385	-86.945859	56222.94	56247.1	2.89	56225.83	56224.19141	56213.76265	56214.74219	503971.5	5411270.0
L3970.0	503971.5	5411270.0	77782.70313	321.32	0	48.854385	-86.945859	56221.59	56247.1	2.89	56224.48	56222.80078	56201.98397	56202.93750	503971.5	5411270.0
L3970.0	503971.5	5411271.4	77782.79688	319.13	0	48.854397	-86.945859	56221.50	56247.1	2.89	56224.39	56222.66797	56212.47195	56213.39453	503971.5	5411271.4
L3970.0	503971.5	5411273.2	77782.89844	317.29	0	48.854413	-86.945860	56220.18	56247.1	2.89	56223.07	56221.30859	56201.22291	56202.11719	503971.5	5411273.2
L3970.0	503971.5	5411273.2	77783.00000	320.69	0	48.854413	-86.945860	56219.85	56247.1	2.89	56222.74	56220.93359	56207.38019	56208.23828	503971.5	5411273.2
L3970.0	503971.4	5411274.9	77783.10156	320.49	0	48.854428	-86.945861	56218.76	56247.1	2.89	56221.65	56219.80078	56200.14006	56200.96094	503971.4	5411274.9
L3970.0	503971.4	5411276.6	77783.20313	319.77	0	48.854443	-86.945861	56218.39	56247.1	2.89	56221.28	56219.38672	56205.47775	56206.26172	503971.4	5411276.6
L3970.0	503971.4	5411276.6	77783.29688	319.39	0	48.854443	-86.945861	56217.25	56247.1	2.89	56220.14	56218.19922	56197.28860	56198.03125	503971.4	5411276.6
L3970.0	503971.3	5411278.4	77783.39844	319.94	0	48.854460	-86.945862	56216.82	56247.1	2.89	56219.71	56217.72266	56201.44416	56202.14453	503971.3	5411278.4
L3970.0	503971.3	5411279.9	77783.50000	318.38	0	48.854474	-86.945862	56215.82	56247.1	2.90	56218.72	56216.68359	56195.76855	56196.42578	503971.3	5411279.9
L3970.0	503971.3	5411279.9	77783.60156	316.49	0	48.854474	-86.945862	56215.43	56247.1	2.90	56218.33	56216.24609	56200.45674	56201.06641	503971.3	5411279.9
L3970.0	503971.3	5411281.5	77783.70313	317.77	0	48.854488	-86.945862	56214.24	56247.1	2.90	56217.13	56214.99609	56191.00095	56191.56250	503971.3	5411281.5
L3970.0	503971.3	5411283.2	77783.79688	317.09	0	48.854503	-86.945863	56213.91	56247.1	2.90	56216.80	56214.61328	56196.52713	56197.03906	503971.3	5411283.2
L3970.0	503971.2	5411285.2	77783.89844	318.00	0	48.854521	-86.945863	56212.78	56247.1	2.90	56215.68	56213.44141	56188.28295	56188.74219	503971.2	5411285.2
L3970.0	503971.2	5411285.2	77784.00000	317.66	0	48.854521	-86.945863	56212.51	56247.1	2.90	56215.41	56213.12109	56194.59177	56195.00000	503971.2	5411285.2
L3970.0	503971.2	5411286.8	77784.10156	316.67	0	48.854535	-86.945863	56211.53	56247.1	2.90	56214.44	56212.09375	56188.69697	56189.04688	503971.2	5411286.8
L3970.0	503971.2	5411286.8	77784.20313	315.67	0	48.854535	-86.945863	56211.21	56247.1	2.91	56214.13	56211.73047	56194.01947	56194.31250	503971.2	5411286.8
L3970.0	503971.2	5411288.5	77784.20313	315.67	0	48.854551	-86.945864	56210.18	56247.1	2.91	56213.09	56210.63281	56186.62254	56186.85547	503971.2	5411288.5
L3970.0	503971.1	5411290.3	77784.29688	316.69	0	48.854567	-86.945864	56209.66	56247.1	2.92	56212.58	56210.06641	56188.16926	56188.33984	503971.1	5411290.3
L3970.0	503971.1	5411290.3	77784.50000	317.18	0	48.854567	-86.945864	56208.49	56247.1	2.93	56211.42	56208.84766	56178.34045	56178.44922	503971.1	5411290.3
L3970.0	503971.1	5411293.2	77784.60156	318.30	0	48.854594	-86.945865	56208.21	56247.1	2.93	56211.14	56208.51172	56183.45623	56183.50000	503971.1	5411293.2
L3970.0	503971.1	5411293.2	77784.70313	317.79	0	48.854594	-86.945865	56207.56	56247.1	2.93	56210.49	56207.80078	56181.98249	56181.95703	503971.1	5411293.2
L3970.0	503971.1	5411294.8	77784.79688	317.15	0	48.854607	-86.945865	56206.81	56247.1	2.94	56209.74	56206.98828	56178.53927	56178.44531	503971.1	5411294.8
L3970.0	503971.1	5411294.8	77784.89844	319.36	0	48.854607	-86.945865	56206.22	56247.1	2.94	56209.16	56206.34766	56177.79073	56177.62891	503971.1	5411294.8
L3970.0	503971.1	5411296.5	77785.00000	320.28	0	48.854623	-86.945865	56205.48	56247.1	2.95	56208.43	56205.55469	56174.17481	56173.93750	503971.1	5411296.5
L3970.0	503971.1	5411297.8	77785.10156	318.89	0	48.854634	-86.945865	56205.11	56247	2.96	56208.06	56205.12109	56176.57787	56176.26953	503971.1	5411297.8
L3970.0	503971.0	5411299.5	77785.20313	320.23	0	48.854650	-86.945865	56204.40	56247	2.96	56207.36	56204.35547	56172.93631	56172.55078	503971.0	5411299.5
L3970.0	503971.0	5411299.5	77785.29688	319.44	0	48.854650	-86.945865	56204.04	56247	2.97	56207.00	56203.92969	56174.98559	56174.52344	503971.0	5411299.5
L3970.0	503971.0	5411301.3	77785.39844	318.74	0	48.854666	-86.945865	56203.21	56247	2.97	56206.19	56203.05469	56168.80576	56168.26563	503971.0	5411301.3
L3970.0	503971.0	5411303.1	77785.50000	317.44	0	48.854682	-86.945865	56202.70	56247	2.98	56205.68	56202.47656	56167.60984	56166.99219	503971.0	5411303.1
L3970.0	503971.1	5411304.7	77785.60156	318.17	0	48.854696	-86.945865	56201.98	56247	2.99	56204.96	56201.68750	56162.36874	56161.66797	503971.1	5411304.7
L3970.0	503971.1	5411304.7	77785.70313	318.62	0	48.854696	-86.945865	56201.76	56247	2.99	56204.75	56201.41016	56165.85484	56165.07031	503971.1	5411304.7
L3970.0	503971.0	5411306.8	77785.79688	315.78	0	48.854715	-86.945865	56200.86	56247	3.00	56203.86	56200.44922	56156.90341	56156.03516	503971.0	5411306.8
L3970.0	503971.0	5411308.5	77785.89844	318.75	0	48.854731	-86.945865	56200.82	56247	3.00	56203.82	56200.33984	56162.72181	56161.76953	503971.0	5411308.5
L3970.0	503971.0	5411309.8	77786.00000	319.35	0	48.854742	-86.945866	56199.92	56247	3.01	56202.93	56199.37891	56153.03563	56152.00000	503971.0	5411309.8
L3970.0	503971.0	5411309.8	77786.10156	319.98	0	48.854742	-86.945866	56200.10	56247	3.02	56203.11	56199.48828	56162.01273	56160.88672	503971.0	5411309.8
L3970.0	503971.0	5411311.8	77786.20313	319.55	0	48.854760	-86.945866	56198.92	56247	3.02	56201.94	56198.24609	56146.57527	56145.36328	503971.0	5411311.8
L3970.0	503971.0	5411313.4	77786.20313	319.55	0	48.854774	-86.945866	56199.00	56247	3.02	56202.03	56198.26172	56153.12919	56151.82813	503971.0	5411313.4
L3970.0	503971.0	5411313.4	77786.39844	318.59	0	48.854774	-86.945866	56198.31	56247	3.03	56201.34	56197.49609	56145.41398	56144.02344	503971.0	5411313.4
L3970.0	503971.0	5411315.2	77786.50000	318.70	0	48.854791	-86.945866	56198.32	56247	3.04	56201.36	56197.44141	56149.83591	56148.35156	503971.0	5411315.2
L3970.0	503971.0	5411316.7	77786.60156	318.95	0	48.854805	-86.945865	56198.08	56247	3.05	56201.12	56197.12891	56149.19156	56147.61328	503971.0	5411316.7
L3970.0	503971.0	5411316.7	77786.70313	319.14	0	48.854805	-86.945865	56197.72	56246.9	3.05	56200.78	56196.71094	56146.31739	56144.64844	503971.0	5411316.7
L3970.0	503971.0	5411318.5	77786.79688	318.85	0	48.854820	-86.945865	56197.77	56246.9	3.06	56200.83	56196.68359	56149.81254	56148.05078	503971.0	5411318.5
L3970.0	503971.0	5411320.5	77786.89844	317.35	0	48.854839	-86.945865	56197.16	56246.9	3.06	56200.23	56196.00781	56141.42376	56139.56641	503971.0	5411320.5
L3970.0	503971.0	5411320.5	77787.00000	318.49	0	48.854839	-86.945865	56197.37	56246.9	3.07	56200.44	56196.14063	56146.70093	56144.75000	503971.0	5411320.5
L3970.0	503971.1	5411322.0	77787.10156	318.29	0	48.854852	-86.945865	56196.86	56246.9	3.08	56199.94	56195.56250	56139.08934	56137.03906	503971.1	5411322.0
L3970.0	503971.1	5411324.3	77787.20313	316.56	0	48.854873	-86.945865	56197.21	56246.9	3.09	56200.30	56195.84375	56145.90722	56143.76172	503971.1	5411324.3
L3970.0	503971.1	5411324.3	77787.29688	317.94	0	48.854873	-86.945865	56196.84	56246.9	3.10	56199.93	56195.39453	56139.54602	56137.30469	503971.1	5411324.3
L3970.0	503971.1	5411325.8	77787.39844	319.81	0	48.854886	-86.945865	56196.93	56246.9	3.11	56200.04	56195.42578	56140.95751	56138.61719	503971.1	5411325.8
L3970.0	503971.1	5411327.3	77787.50000	319.60	0	48.854900	-86.945864	56197.04	56246.9	3.12	56200.15	56195.45703	56141.82315	56139.38672	503971.1	5411327.3
L3970.0	503971.1	5411328.7	77787.60156	317.44	0	48.854912	-86.945864	56197.04	56246.9	3.12	56200.16	56195.38672	56140.43319	56137.89844	503971.1	5411328.7
L3970.0	503971.1	5411330.7	77787.70313	318.13	0	48.854930	-86.945864	56197.34	56246.9	3.13	56200.47	56195.61719	56143.62585	56140.99219	503971.1	5411330.7
L3970.0	503971.1	5411330.7	77787.79688	319.40	0	48.854930	-86.945864	56197.16	56246.9	3.14	56200.31	56195.37500	56138.27882	56135.54297	503971.1	5411330.7
L3970.0	503971.2	5411332.5	77787.89844	321.02	0	48.854947	-86.945864	56197.67	56246.8	3.15	56200.82	56195.80469	56143.76131	56140.92969	503971.2	5411332.5
L3970.0	503971.2	5411332.5	77788.00000	320.03	0	48.854947	-86.945864	56197.59	56246.8	3.16	56200.75	56195.65234	56138.89678	56135.96484	503971.2	5411332.5
L3970.0	503971.2	5411333.9	77788.10156	322.78	0	48.854959	-86.945863	56198.20	56246.8	3.17	56201.36	56196.17969	56157.76712	56154.73438	503971.2	5411333.9
L3970.0	503971.2	5411335.2	77788.20313	320.43	0	48.854971	-86.945863	56198.20	56246.8	3.17	56201.38	56196.11719	56150.88230	56147.75000	503971.2	5411335.2
L3970.0	503971.2	5411335.2	77788.20313	320.43	0	48.854971	-86.945863	56198.96	56246.8	3.17	56202.14	56196.79688	56161.47573	56158.24609	503971.2	5411335.2
L3970.0	503971.2	5411338.7	77788.39844	315.83	0	48.855002	-86.945863	56198.70	56246.8	3.18	56201.88	56196.45313	56145.92548	56142.59375	503971.2	5411338.7
L3970.0	503971.2	5411338.7	77788.50000	316.16	0	48.855002	-86.945863	56199.59	56246.8	3.19	56202.78	56197.27344	56158.09782	56154.66797	503971.2	5411338.7
L3970.0	503971.2	5411340.4	77788.60156	316.53	0	48.855018	-86.945863	56199.87	56246.8	3.20	56203.06	56197.46875	56154.12362	56150.59375	503971.2	5411340.4
L3970.0	503971.2	5411341.5	77788.70313	315.80	0	48.855028	-86.945862	56200.73	56246.8	3.20	56203.94	56198.26563	56163.92915	56160.30078	503971.2	5411341.5
L3970.0	503971.2	5411342.8	77788.79688	315.89	0	48.855039	-86.945862	56201.14	56246.8	3.21	56204.35	56198.59375	56161.39085	56157.66406	503971.2	5411342.8
L3970.0	503971.2	5411342.8	77788.89844	315.93	0	48.855039	-86.945862	56201.89	56246.8	3.21	56205.10	56199.26172	56166.24800	56162.42188	503971.2	5411342.8
L3970.0	503971.3	5411344.3	77789.00000	317.10	0	48.855053	-86.945862	56202.47	56246.8	3.22	56205.69	56199.76953	56166.38251	56162.45703	503971.3	5411344.3
L3970.0	503971.3	5411345.8	77789.10156	315.38	0	48.855067	-86.945862	56203.11	56246.8	3.23	56206.34	56200.33594	56167.14174	56163.11719	503971.3	5411345.8
L3970.0	503971.3	5411347.6	77789.20313	314.25	0	48.855083	-86.945862	56203.77	56246.8	3.24	56207.00	56200.91406	56167.33482	56163.21484	503971.3	5411347.6
L3970.0	503971.3	5411349.1	77789.29688	313.70	0	48.855096	-86.945861	56204.49	56246.8	3.24	56207.74	56201.57031	56168.65480	56164.43750	503971.3	5411349.1
L3970.0	503971.3	5411349.1	77789.39844	314.10	0	48.855096	-86.945861	56205.20	56246.7	3.25	56208.46	56202.20703	56168.72552	56164.41016	503971.3	5411349.1
L3970.0	503971.3	5411351.1	77789.50000	314.35	0	48.855114	-86.945861	56205.68	56246.7	3.26	56208.94	56202.60547	56162.32564	56157.91406	503971.3	5411351.1
L3970.0	503971.3	5411352.9	77789.60156	314.21	0	48.855130	-86.945861	56206.92	56246.7	3.27	56210.19	56203.77344	56173.55665	56169.05078	503971.3	5411352.9
L3970.0	503971.3	5411352.9	77789.70313	316.93	0	48.855130	-86.945861	56207.76	56246.7	3.28	56211.03	56204.53125	56174.30751	56169.70703	503971.3	5411352.9
L3970.0	503971.3	5411354.1	77789.79688	318.11	0	48.855141	-86.945861	56208.58	56246.7	3.28	56211.87	56205.28906	56174.38118	56169.68359	503971.3	5411354.1
L3970.0	503971.3	5411355.7	77789.89844	316.56	0	48.855155	-86.945861	56209.95	56246.7	3.29	56213.25	56206.58984	56186.69825	56181.91016	503971.3	5411355.7
L3970.0	503971.3	5411357.3	77790.00000	316.47	0	48.855169	-86.945861	56210.34	56246.7	3.30	56213.64	56206.89844	56174.74419	56169.86328	503971.3	5411357.3
L3970.0	503971.3	5411357.3	77790.10156	317.00	0	48.855169	-86.945861	56211.91	56246.7	3.30	56215.21	56208.38672	56190.44291	56185.46875	503971.3	5411357.3
L3970.0	503971.3	5411359.3	77790.20313	316.14	0	48.855187	-86.945861	56212.27	56246.7	3.29	56215.56	56208.65625	56176.30730	56171.24219	503971.3	5411359.3
L3970.0	503971.3	5411361.0	77790.20313	316.14	0	48.855203	-86.945861	56214.11	56246.7	3.29	56217.40	56210.41406	56197.52437	56192.36719	503971.3	5411361.0
L3970.0	503971.3	5411361.0	77790.39844	314.65	0	48.855203	-86.945861	56214.57	56246.7	3.29	56217.85	56210.78516	56184.69805	56179.45313	503971.3	5411361.0
L3970.0	503971.3	5411362.5	77790.50000	314.16	0	48.855217	-86.945861	56216.03	56246.7	3.29	56219.31	56212.16406	56195.89019	56190.55469	503971.3	5411362.5
L3970.0	503971.3	5411364.3	77790.60156	316.71	0	48.855233	-86.945861	56216.78	56246.7	3.28	56220.06	56212.83594	56189.38122	56183.95703	503971.3	5411364.3
L3970.0	503971.3	5411364.3	77790.70313	314.88	0	48.855233	-86.945861	56218.28	56246.7	3.28	56221.56	56214.25781	56200.84285	56195.33203	503971.3	5411364.3
L3970.0	503971.3	5411366.4	77790.79688	316.36	0	48.855252	-86.945861	56219.25	56246.7	3.28	56222.53	56215.14844	56198.97210	56193.37500	503971.3	5411366.4
L3970.0	503971.3	5411368.1	77790.89844	314.65	0	48.855267	-86.945861	56220.50	56246.7	3.27	56223.77	56216.31250	56203.45248	56197.76953	503971.3	5411368.1
L3970.0	503971.3	5411368.1	77791.00000	315.58	0	48.855267	-86.945861	56221.76	56246.7	3.27	56225.03	56217.49219	56208.18051	56202.41406	503971.3	5411368.1
L3970.0	503971.3	5411369.9	77791.10156	318.01	0	48.855283	-86.945861	56222.81	56246.7	3.27	56226.08	56218.46875	56207.46178	56201.61328	503971.3	5411369.9
L3970.0	503971.3	5411371.6	77791.20313	319.38	0	48.855298	-86.945861	56223.98	56246.7	3.27	56227.25	56219.56250	56209.52735	56203.59375	503971.3	5411371.6

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L3970.0	503971.3	5411371.6	77791.29688	318.92	0	48.855298	-86.945861	56225.32	56246.7	3.27	56228.59	56220.82422	56215.68005	56209.66797	503971.3	5411371.6
L3970.0	503971.3	5411373.3	77791.39844	318.66	0	48.855314	-86.945861	56226.29	56246.7	3.27	56229.56	56221.71875	56213.11515	56207.01953	503971.3	5411373.3
L3970.0	503971.3	5411375.1	77791.50000	318.33	0	48.855330	-86.945862	56227.70	56246.7	3.27	56230.97	56223.05469	56219.62588	56213.45313	503971.3	5411375.1
L3970.0	503971.3	5411375.1	77791.60156	318.25	0	48.855330	-86.945862	56228.53	56246.7	3.27	56231.80	56223.81250	56216.34372	56210.08984	503971.3	5411375.1
L3970.0	503971.3	5411376.6	77791.70313	318.08	0	48.855343	-86.945862	56230.27	56246.7	3.27	56233.54	56225.48047	56229.12596	56222.79688	503971.3	5411376.6
L3970.0	503971.2	5411378.4	77791.79688	319.71	0	48.855359	-86.945862	56230.81	56246.7	3.27	56234.07	56225.93750	56214.77723	56208.37109	503971.2	5411378.4
L3970.0	503971.2	5411378.4	77791.89844	320.49	0	48.855359	-86.945862	56232.76	56246.7	3.27	56236.03	56227.82422	56236.09421	56229.61328	503971.2	5411378.4
L3970.0	503971.2	5411380.1	77792.00000	318.57	0	48.855375	-86.945862	56233.43	56246.7	3.27	56236.70	56228.42578	56225.41036	56218.85156	503971.2	5411380.1
L3970.0	503971.2	5411381.6	77792.10156	315.03	0	48.855388	-86.945863	56234.98	56246.7	3.26	56238.24	56229.89453	56236.37482	56229.74609	503971.2	5411381.6
L3970.0	503971.2	5411381.6	77792.20313	315.01	0	48.855388	-86.945863	56235.85	56246.8	3.25	56239.10	56230.68359	56230.70150	56224.00000	503971.2	5411381.6
L3970.0	503971.2	5411382.7	77792.20313	315.01	0	48.855399	-86.945863	56237.28	56246.8	3.25	56240.53	56232.04688	56239.17059	56232.39453	503971.2	5411382.7
L3970.0	503971.2	5411384.2	77792.39844	318.37	0	48.855412	-86.945863	56238.44	56246.8	3.23	56241.67	56233.11719	56240.71243	56233.86719	503971.2	5411384.2
L3970.0	503971.2	5411384.2	77792.50000	317.16	0	48.855412	-86.945863	56239.37	56246.8	3.22	56242.59	56233.96875	56237.15391	56230.23828	503971.2	5411384.2
L3970.0	503971.1	5411386.0	77792.60156	317.67	0	48.855427	-86.945863	56240.78	56246.8	3.21	56243.99	56235.30469	56245.41188	56238.42578	503971.1	5411386.0
L3970.0	503971.1	5411387.6	77792.70313	315.86	0	48.855442	-86.945863	56241.59	56246.8	3.20	56244.79	56236.03906	56239.52288	56232.46875	503971.1	5411387.6
L3970.0	503971.1	5411388.8	77792.79688	316.41	0	48.855453	-86.945863	56243.02	56246.8	3.19	56246.21	56237.39453	56248.73581	56241.61328	503971.1	5411388.8
L3970.0	503971.1	5411390.2	77792.89844	314.94	0	48.855466	-86.945863	56244.20	56246.8	3.18	56247.38	56238.50000	56252.26522	56245.07422	503971.1	5411390.2
L3970.0	503971.1	5411391.6	77793.00000	316.12	0	48.855479	-86.945863	56245.11	56246.8	3.17	56248.28	56239.33594	56249.72965	56242.47266	503971.1	5411391.6
L3970.0	503971.1	5411391.6	77793.10156	316.02	0	48.855479	-86.945863	56246.50	56246.8	3.16	56249.67	56240.66406	56259.10813	56251.78516	503971.1	5411391.6
L3970.0	503971.1	5411393.3	77793.20313	313.85	0	48.855493	-86.945863	56247.31	56246.8	3.16	56250.46	56241.39063	56254.71134	56247.32422	503971.1	5411393.3
L3970.0	503971.2	5411394.9	77793.29688	315.32	0	48.855508	-86.945863	56248.51	56246.8	3.15	56251.66	56242.53125	56260.34167	56252.89063	503971.2	5411394.9
L3970.0	503971.2	5411394.9	77793.39844	315.48	0	48.855508	-86.945863	56249.53	56246.9	3.15	56252.67	56243.48047	56261.90640	56254.39063	503971.2	5411394.9
L3970.0	503971.2	5411396.9	77793.50000	317.85	0	48.855526	-86.945863	56250.48	56246.9	3.14	56253.62	56244.37500	56262.48059	56254.90234	503971.2	5411396.9
L3970.0	503971.2	5411398.5	77793.60156	317.62	0	48.855541	-86.945863	56251.42	56246.9	3.13	56254.55	56245.24609	56263.01609	56255.37500	503971.2	5411398.5
L3970.0	503971.2	5411398.5	77793.70313	317.60	0	48.855541	-86.945863	56252.31	56246.9	3.13	56255.44	56246.07813	56263.05655	56255.35156	503971.2	5411398.5
L3970.0	503971.2	5411400.0	77793.79688	315.77	0	48.855554	-86.945863	56253.14	56246.9	3.12	56256.26	56246.84375	56261.91062	56254.14453	503971.2	5411400.0
L3970.0	503971.2	5411401.7	77793.89844	318.43	0	48.855569	-86.945862	56254.54	56246.9	3.12	56257.65	56248.17578	56274.55734	56266.73047	503971.2	5411401.7
L3970.0	503971.2	5411401.7	77794.00000	318.54	0	48.855569	-86.945862	56254.96	56246.9	3.11	56258.07	56248.54297	56264.98386	56257.09375	503971.2	5411401.7
L3970.0	503971.2	5411403.3	77794.10156	315.33	0	48.855584	-86.945862	56256.42	56246.9	3.10	56259.52	56249.94141	56279.98017	56272.03125	503971.2	5411403.3
L3970.0	503971.2	5411404.7	77794.20313	317.57	0	48.855596	-86.945862	56256.78	56246.9	3.09	56259.87	56250.23828	56269.72823	56261.71484	503971.2	5411404.7
L3970.0	503971.2	5411406.2	77794.20313	317.57	0	48.855610	-86.945862	56257.80	56246.9	3.09	56260.89	56251.20703	56275.63857	56267.56641	503971.2	5411406.2
L3970.0	503971.2	5411406.2	77794.39844	316.08	0	48.855610	-86.945862	56258.48	56246.9	3.07	56261.55	56251.81641	56273.61804	56265.48438	503971.2	5411406.2
L3970.0	503971.3	5411407.5	77794.50000	314.99	0	48.855621	-86.945861	56259.26	56246.9	3.06	56262.31	56252.52734	56274.43168	56266.23438	503971.3	5411407.5
L3970.0	503971.3	5411408.7	77794.60156	314.75	0	48.855632	-86.945861	56260.22	56247	3.04	56263.27	56253.43750	56280.41747	56272.16016	503971.3	5411408.7
L3970.0	503971.3	5411408.7	77794.70313	316.32	0	48.855632	-86.945861	56260.71	56247	3.03	56263.74	56253.85938	56275.44035	56267.12500	503971.3	5411408.7
L3970.0	503971.3	5411410.2	77794.79688	316.54	0	48.855646	-86.945861	56261.66	56247	3.02	56264.68	56254.75391	56281.93775	56273.55859	503971.3	5411410.2
L3970.0	503971.3	5411411.8	77794.89844	314.16	0	48.855660	-86.945860	56261.90	56247	3.01	56264.91	56254.93750	56272.36788	56263.92578	503971.3	5411411.8
L3970.0	503971.3	5411411.8	77795.00000	313.00	0	48.855660	-86.945860	56262.95	56247	3.00	56265.95	56255.93359	56282.16147	56273.66016	503971.3	5411411.8
L3970.0	503971.4	5411413.5	77795.10156	316.70	0	48.855676	-86.945860	56263.45	56247	3.00	56266.44	56256.37891	56279.64575	56271.08203	503971.4	5411413.5
L3970.0	503971.4	5411415.0	77795.20313	316.31	0	48.855688	-86.945860	56263.90	56247	3.00	56266.89	56256.78516	56276.70683	56268.07813	503971.4	5411415.0
L3970.0	503971.4	5411415.0	77795.29688	318.17	0	48.855688	-86.945860	56264.62	56247	2.99	56267.61	56257.46484	56280.49624	56271.80469	503971.4	5411415.0
L3970.0	503971.4	5411416.5	77795.39844	317.04	0	48.855702	-86.945859	56265.40	56247	2.99	56268.39	56258.20313	56286.12324	56277.36719	503971.4	5411416.5
L3970.0	503971.5	5411417.5	77795.50000	315.22	0	48.855711	-86.945859	56265.64	56247	2.99	56268.63	56258.40234	56279.81740	56270.99609	503971.5	5411417.5
L3970.0	503971.5	5411417.5	77795.60156	315.36	0	48.855711	-86.945859	56266.07	56247	2.99	56269.05	56258.78125	56278.13379	56269.25000	503971.5	5411417.5
L3970.0	503971.5	5411419.0	77795.70313	315.28	0	48.855725	-86.945858	56266.61	56247	2.99	56269.60	56259.29297	56279.88878	56270.93750	503971.5	5411419.0
L3970.0	503971.5	5411420.2	77795.79688	316.83	0	48.855735	-86.945858	56266.93	56247	2.98	56269.92	56259.57813	56276.86047	56267.84375	503971.5	5411420.2
L3970.0	503971.5	5411421.6	77795.89844	314.49	0	48.855748	-86.945858	56267.84	56247	2.98	56270.82	56260.44141	56287.47290	56278.38672	503971.5	5411421.6
L3970.0	503971.5	5411421.6	77796.00000	313.59	0	48.855748	-86.945858	56268.19	56247	2.98	56271.17	56260.75391	56286.01914	56276.86328	503971.5	5411421.6
L3970.0	503971.6	5411422.8	77796.10156	315.03	0	48.855759	-86.945857	56268.88	56247	2.98	56271.85	56261.40234	56292.49612	56283.27344	503971.6	5411422.8
L3970.0	503971.6	5411423.9	77796.20313	315.49	0	48.855769	-86.945857	56268.98	56247	2.97	56271.95	56261.46875	56286.23475	56276.94141	503971.6	5411423.9
L3970.0	503971.6	5411423.9	77796.20313	315.49	0	48.855769	-86.945857	56269.38	56247	2.97	56272.36	56261.84375	56287.43244	56278.06641	503971.6	5411423.9
L3970.0	503971.6	5411425.1	77796.39844	316.64	0	48.855779	-86.945857	56269.46	56247	2.96	56272.42	56261.87109	56281.07675	56271.63672	503971.6	5411425.1
L3970.0	503971.6	5411426.8	77796.50000	315.75	0	48.855795	-86.945856	56269.90	56247	2.96	56272.86	56262.28125	56283.76540	56274.25000	503971.6	5411426.8
L3970.0	503971.6	5411426.8	77796.60156	314.46	0	48.855795	-86.945856	56270.25	56247	2.96	56273.20	56262.58984	56284.57047	56274.98047	503971.6	5411426.8
L3970.0	503971.6	5411427.5	77796.70313	316.66	0	48.855801	-86.945856	56270.66	56247	2.95	56273.62	56262.98047	56287.59855	56277.92969	503971.6	5411427.5
L3970.0	503971.7	5411428.5	77796.79688	315.35	0	48.855810	-86.945856	56271.07	56247.1	2.95	56274.02	56263.35156	56290.56186	56280.81641	503971.7	5411428.5
L3970.0	503971.7	5411429.6	77796.89844	313.35	0	48.855820	-86.945856	56271.18	56247.1	2.94	56274.12	56263.42578	56286.97479	56277.14453	503971.7	5411429.6
L3970.0	503971.7	5411429.6	77797.00000	312.42	0	48.855820	-86.945856	56271.40	56247.1	2.94	56274.34	56263.61719	56286.49907	56276.58984	503971.7	5411429.6
L3970.0	503971.7	5411430.8	77797.10156	313.25	0	48.855831	-86.945856	56271.45	56247.1	2.94	56274.39	56263.64063	56282.39154	56272.39844	503971.7	5411430.8
L3970.0	503971.7	5411432.1	77797.20313	315.87	0	48.855842	-86.945855	56271.78	56247.1	2.94	56274.72	56263.94531	56285.15103	56275.07031	503971.7	5411432.1
L3970.0	503971.7	5411432.1	77797.29688	313.51	0	48.855842	-86.945855	56272.06	56247.1	2.94	56275.00	56264.20313	56287.08469	56276.91797	503971.7	5411432.1
L3970.0	503971.7	5411433.2	77797.39844	316.88	0	48.855852	-86.945855	56272.14	56247.1	2.94	56275.08	56264.25781	56284.60382	56274.34766	503971.7	5411433.2
L3970.0	503971.7	5411434.3	77797.50000	316.47	0	48.855863	-86.945855	56272.53	56247.1	2.94	56275.47	56264.62500	56289.80706	56279.45703	503971.7	5411434.3
L3970.0	503971.7	5411435.0	77797.60156	316.85	0	48.855869	-86.945855	56272.57	56247.1	2.94	56275.51	56264.64453	56286.95053	56276.50781	503971.7	5411435.0
L3970.0	503971.7	5411435.0	77797.70313	315.03	0	48.855869	-86.945855	56272.90	56247.1	2.94	56275.84	56264.95313	56291.35221	56280.81641	503971.7	5411435.0
L3970.0	503971.7	5411436.2	77797.79688	317.18	0	48.855879	-86.945855	56272.89	56247.1	2.94	56275.83	56264.92188	56287.81342	56277.17969	503971.7	5411436.2
L3970.0	503971.7	5411437.3	77797.89844	317.48	0	48.855889	-86.945855	56273.31	56247.1	2.94	56276.25	56265.32031	56294.98566	56284.25000	503971.7	5411437.3
L3970.0	503971.7	5411438.5	77798.00000	318.69	0	48.855900	-86.945855	56273.47	56247.1	2.94	56276.41	56265.46094	56296.09711	56285.25781	503971.7	5411438.5
L3970.0	503971.7	5411438.5	77798.10156	319.27	0	48.855900	-86.945855	56273.55	56247.1	2.94	56276.49	56265.52344	56295.48729	56284.54688	503971.7	5411438.5
L3970.0	503971.7	5411439.5	77798.20313	319.27	0	48.855910	-86.945855	56273.37	56247.1	2.94	56276.31	56265.32422	56288.71579	56277.66797	503971.7	5411439.5
L3970.0	503971.7	5411440.5	77798.20313	318.04	0	48.855918	-86.945855	56273.18	56247.1	2.94	56276.12	56265.11719	56281.90570	56270.75000	503971.7	5411440.5
L3970.0	503971.7	5411440.5	77798.39844	318.33	0	48.855918	-86.945855	56273.27	56247.1	2.94	56276.20	56265.18359	56281.94355	56270.67578	503971.7	5411440.5
L3970.0	503971.7	5411441.5	77798.50000	319.00	0	48.855928	-86.945855	56273.36	56247.1	2.93	56276.30	56265.26563	56282.68254	56271.30078	503971.7	5411441.5
L3970.0	503971.7	5411442.8	77798.60156	318.46	0	48.855939	-86.945855	56273.42	56247.1	2.93	56276.35	56265.30078	56282.39743	56270.89844	503971.7	5411442.8
L3970.0	503971.7	5411442.8	77798.70313	317.73	0	48.855939	-86.945855	56273.32	56247.1	2.93	56276.25	56265.18750	56278.64415	56267.02734	503971.7	5411442.8
L3970.0	503971.7	5411443.6	77798.79688	318.39	0	48.855946	-86.945855	56273.28	56247.1	2.93	56276.21	56265.13281	56276.55918	56264.82031	503971.7	5411443.6
L3970.0	503971.7	5411444.6	77798.89844	317.70	0	48.855955	-86.945856	56273.70	56247.1	2.93	56276.63	56265.53906	56285.84564	56273.98438	503971.7	5411444.6
L3970.0	503971.7	5411445.2	77799.00000	318.57	0	48.855960	-86.945856	56273.40	56247.1	2.93	56276.33	56265.22656	56277.80304	56265.81250	503971.7	5411445.2
L3970.0	503971.7	5411445.2	77799.10156	318.62	0	48.855960	-86.945856	56273.64	56247.1	2.93	56276.57	56265.45313	56283.02676	56270.90625	503971.7	5411445.2
L3970.0	503971.6	5411446.3	77799.20313	318.62	0	48.855970	-86.945856	56273.65	56247.1	2.93	56276.58	56265.45313	56282.83554	56270.58594	503971.6	5411446.3
L3970.0	503971.6	5411447.2	77799.29688	316.18	0	48.855978	-86.945856	56273.70	56247.1	2.93	56276.63	56265.49219	56283.76333	56271.37891	503971.6	5411447.2
L3970.0	503971.6	5411447.2	77799.39844	314.33	0	48.855978	-86.945856	56273.93	56247.1	2.93	56276.86	56265.71094	56289.17458	56276.65234	503971.6	5411447.2
L3970.0	503971.6	5411448.2	77799.50000	315.62	0	48.855988	-86.945856	56273.78	56247.1	2.93	56276.71	56265.55078	56285.56424	56272.90234	503971.6	5411448.2
L3970.0	503971.6	5411448.9	77799.60156	313.97	0	48.855994	-86.945857	56273.79	56247.1	2.93	56276.72	56265.55078	56285.94191	56273.13672	503971.6	5411448.9
L3970.0	503971.6	5411449.5	77799.70313	314.80	0	48.855999	-86.945857	56273.78	56247.1	2.93	56276.71	56265.53125	56285.96081	56273.01172	503971.6	5411449.5
L3970.0	503971.6	5411449.5	77799.79688	314.94	0	48.855999	-86.945857	56273.57	56247.1	2.93	56276.50	56265.31250	56281.27447	56268.17578	503971.6	5411449.5
L3970.0	503971.5	5411450.3	77799.89844	315.99	0	48.856006	-86.945857	56273.68	56247.1	2.93	56276.61	56265.41406	56284.41063	56271.16016	503971.5	5411450.3
L3970.0	503971.5	5411451.2	77800.00000	316.26	0	48.856015	-86.945858	56273.41	56247.1	2.93	56276.34	56265.13672	56278.48206	56265.07813	503971.5	5411451.2
L3970.0	503971.5	5411451.8	77800.10156	317.08	0	48.856020	-86.945858	56273.57	56247.1	2.93	56276.51	56265.29688	56283.26320	56269.70313	503971.5	5411451.8
L3970.0	503971.5	5411451.8	77800.20313	317.08	0	48.856020	-86.945858	56273.45	56247.1	2.93	56276.38	56265.16016	56280.89060	56267.17188	503971.5	5411451.8
L3970.0	503971.4	5411452.5	77800.20313	319.16	0	48.856026	-86.945859	56273.56	56247.1	2.93	56276.50	56265.27344	56284.63978	56270.76172	503971.4	5411452.5
L3970.0	503971.4	5411453.2	77800.39844	320.08	0	48.856032	-86.945859	56273.45	56247.1	2.94	56276.38	56265.14844	56282.66071	56268.61719	503971.4	5411453.2
L3970.0	503971.4	5411453.2	77800.50000	318.46	0	48.856032	-86.945859	56273.04	56247.1	2.94	56275.98	56264.74219	56273.94869	56259.73828	503971.4	5411453.2

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L3970.0	503971.4	5411453.9	77800.60156	318.65	0	48.856039	-86.945860	56273.48	56247.1	2.94	56276.43	56265.18750	56285.92449	56271.54297	503971.4	5411453.9
L3970.0	503971.4	5411453.9	77800.70313	317.59	0	48.856039	-86.945860	56273.09	56247.1	2.94	56276.03	56264.78125	56277.28963	56262.73438	503971.4	5411453.9
L3970.0	503971.3	5411454.7	77800.79688	317.70	0	48.856046	-86.945860	56273.21	56247.1	2.95	56276.15	56264.89844	56281.36218	56266.63281	503971.3	5411454.7
L3970.0	503971.3	5411455.5	77800.89844	317.22	0	48.856053	-86.945861	56273.09	56247.1	2.95	56276.04	56264.78516	56279.85272	56264.94531	503971.3	5411455.5
L3970.0	503971.2	5411456.1	77801.00000	318.58	0	48.856059	-86.945861	56273.29	56247.1	2.95	56276.24	56264.98047	56285.98870	56270.90234	503971.2	5411456.1
L3970.0	503971.2	5411456.1	77801.10156	316.19	0	48.856059	-86.945861	56272.93	56247.1	2.95	56275.88	56264.61719	56278.35557	56263.08594	503971.2	5411456.1
L3970.0	503971.2	5411456.8	77801.20313	316.19	0	48.856065	-86.945862	56273.24	56247.1	2.95	56276.19	56264.92188	56287.28147	56271.82813	503971.2	5411456.8
L3970.0	503971.2	5411457.4	77801.29688	316.51	0	48.856070	-86.945862	56272.90	56247.1	2.95	56275.85	56264.57813	56280.10996	56264.46875	503971.2	5411457.4
L3970.0	503971.1	5411457.8	77801.39844	315.07	0	48.856074	-86.945863	56272.94	56247.1	2.95	56275.89	56264.61719	56282.36137	56266.52734	503971.1	5411457.8
L3970.0	503971.1	5411458.3	77801.50000	317.56	0	48.856078	-86.945863	56272.72	56247.1	2.95	56275.67	56264.39453	56278.11404	56262.08984	503971.1	5411458.3
L3970.0	503971.1	5411458.3	77801.60156	316.04	0	48.856078	-86.945863	56272.88	56247.1	2.95	56275.83	56264.55078	56280.09238	56263.87109	503971.1	5411458.3
L3970.0	503971.1	5411459.0	77801.70313	315.41	0	48.856084	-86.945864	56272.78	56247.1	2.95	56275.73	56264.44922	56279.02803	56262.60938	503971.1	5411459.0
L3970.0	503971.1	5411459.0	77801.79688	317.29	0	48.856084	-86.945864	56272.93	56247.1	2.95	56275.88	56264.59766	56282.18632	56265.57031	503971.1	5411459.0
L3970.0	503971.1	5411459.5	77801.89844	320.01	0	48.856089	-86.945864	56272.61	56247.1	2.95	56275.56	56264.27734	56277.39496	56260.57813	503971.1	5411459.5
L3970.0	503971.1	5411459.5	77802.00000	319.62	0	48.856089	-86.945864	56272.50	56247.1	2.95	56275.45	56264.16406	56276.14636	56259.12500	503971.1	5411459.5
L3970.0	503971.0	5411460.0	77802.10156	321.41	0	48.856093	-86.945864	56272.02	56247.1	2.95	56274.97	56263.68359	56268.57836	56251.35156	503971.0	5411460.0
L3970.0	503971.0	5411460.4	77802.20313	321.41	0	48.856097	-86.945864	56271.98	56247.1	2.95	56274.93	56263.64453	56268.48653	56251.05078	503971.0	5411460.4
L3970.0	503971.0	5411460.8	77802.20313	321.19	0	48.856101	-86.945865	56272.25	56247.1	2.95	56275.20	56263.91016	56273.71296	56256.06641	503971.0	5411460.8
L3970.0	503971.0	5411460.8	77802.39844	319.97	0	48.856101	-86.945865	56272.29	56247.1	2.95	56275.24	56263.95313	56275.00942	56257.15234	503971.0	5411460.8
L3970.0	503971.0	5411461.3	77802.50000	319.66	0	48.856105	-86.945865	56272.50	56247.1	2.95	56275.45	56264.16016	56279.24991	56261.17969	503971.0	5411461.3
L3970.0	503971.0	5411461.3	77802.60156	318.26	0	48.856105	-86.945865	56272.33	56247.1	2.95	56275.28	56263.99219	56276.92359	56258.63672	503971.0	5411461.3
L3970.0	503971.0	5411461.6	77802.70313	317.36	0	48.856108	-86.945865	56272.09	56247.1	2.95	56275.04	56263.75000	56273.36304	56254.85938	503971.0	5411461.6
L3970.0	503971.0	5411462.0	77802.79688	321.00	0	48.856112	-86.945865	56272.02	56247.1	2.95	56274.97	56263.67969	56272.74483	56254.02344	503971.0	5411462.0
L3970.0	503971.0	5411462.3	77802.89844	320.54	0	48.856114	-86.945865	56271.89	56247.1	2.95	56274.84	56263.55078	56271.07564	56252.13281	503971.0	5411462.3
L3970.0	503971.0	5411462.3	77803.00000	317.51	0	48.856114	-86.945865	56271.89	56247.1	2.95	56274.84	56263.55078	56271.67220	56252.50781	503971.0	5411462.3
L3970.0	503970.9	5411462.7	77803.10156	316.71	0	48.856118	-86.945865	56271.81	56247	2.95	56274.77	56263.48047	56271.04583	56251.66016	503970.9	5411462.7
L3970.0	503970.9	5411462.9	77803.20313	316.71	0	48.856120	-86.945865	56271.73	56247	2.96	56274.69	56263.40234	56270.24396	56250.63281	503970.9	5411462.9
L3970.0	503970.9	5411462.9	77803.29688	316.38	0	48.856120	-86.945865	56271.68	56247	2.96	56274.64	56263.35156	56269.96680	56250.12891	503970.9	5411462.9
L3970.0	503970.9	5411463.2	77803.39844	317.75	0	48.856122	-86.945865	56271.66	56247	2.96	56274.62	56263.33594	56270.21513	56250.15234	503970.9	5411463.2
L3970.0	503970.9	5411463.2	77803.50000	319.18	0	48.856122	-86.945865	56271.61	56247	2.97	56274.57	56263.28516	56269.94007	56249.64844	503970.9	5411463.2
L3970.0	503971.0	5411463.5	77803.60156	319.48	0	48.856125	-86.945865	56271.87	56247	2.97	56274.83	56263.54688	56275.09225	56254.57031	503971.0	5411463.5
L3970.0	503971.0	5411463.5	77803.70313	321.35	0	48.856125	-86.945865	56271.98	56247	2.97	56274.96	56263.67578	56277.97706	56257.22656	503971.0	5411463.5
L3970.0	503971.0	5411463.6	77803.79688	320.47	0	48.856126	-86.945865	56271.89	56247	2.97	56274.86	56263.57813	56276.84045	56255.85938	503971.0	5411463.6
L3970.0	503971.0	5411463.7	77803.89844	317.05	0	48.856127	-86.945865	56271.89	56247	2.98	56274.86	56263.57813	56277.46390	56256.25391	503971.0	5411463.7
L3970.0	503971.0	5411463.7	77804.00000	317.92	0	48.856127	-86.945865	56272.02	56247	2.98	56275.00	56263.71875	56280.56100	56259.11719	503971.0	5411463.7
L3970.0	503971.0	5411463.8	77804.10156	317.90	0	48.856128	-86.945865	56272.29	56247	2.98	56275.27	56263.99219	56285.97432	56264.29688	503971.0	5411463.8
L3970.0	503971.0	5411463.9	77804.20313	317.90	0	48.856129	-86.945865	56272.31	56247	2.98	56275.29	56264.01172	56287.00743	56265.09766	503971.0	5411463.9
L3970.0	503971.0	5411463.9	77804.20313	318.90	0	48.856129	-86.945865	56272.52	56247	2.98	56275.50	56264.22266	56291.42687	56269.28516	503971.0	5411463.9
L3970.0	503970.9	5411464.0	77804.29688	317.36	0	48.856129	-86.945865	56272.17	56247	2.98	56275.15	56263.87500	56285.92929	56263.55469	503970.9	5411464.0
L3970.0	503970.9	5411464.0	77804.50000	322.23	0	48.856130	-86.945866	56272.14	56247	2.98	56275.12	56263.84766	56286.11871	56263.50781	503970.9	5411464.0
L3970.0	503970.9	5411464.0	77804.60156	318.88	0	48.856130	-86.945866	56272.02	56247	2.98	56275.00	56263.72656	56284.71542	56261.87109	503970.9	5411464.0
L3980.0	503982.3	5410331.0	41707.89844	279.94	0	48.845937	-86.945722	56123.13	56244.7	5.28	56128.40	56119.75391	56129.17966	56119.78516	503982.3	5410331.0
L3980.0	503982.3	5410331.2	41708.00000	281.88	0	48.845939	-86.945721	56123.25	56244.7	5.28	56128.53	56119.84766	56129.77158	56120.33203	503982.3	5410331.2
L3980.0	503982.4	5410331.4	41708.10156	280.71	0	48.845940	-86.945720	56123.46	56244.7	5.28	56128.74	56120.01563	56130.36014	56120.87109	503982.4	5410331.4
L3980.0	503982.4	5410331.6	41708.19922	280.45	0	48.845942	-86.945720	56123.95	56244.7	5.28	56129.23	56120.46875	56130.94983	56121.41797	503982.4	5410331.6
L3980.0	503982.4	5410331.6	41708.30078	280.97	0	48.845942	-86.945720	56124.12	56244.7	5.28	56129.40	56120.59766	56131.53399	56121.95313	503982.4	5410331.6
L3980.0	503982.4	5410331.9	41708.39844	280.10	0	48.845945	-86.945720	56124.17	56244.7	5.28	56129.45	56120.60938	56132.11281	56122.48828	503982.4	5410331.9
L3980.0	503982.5	5410332.1	41708.39844	280.10	0	48.845947	-86.945719	56124.66	56244.7	5.28	56129.94	56121.05859	56132.70130	56123.03125	503982.5	5410332.1
L3980.0	503982.5	5410332.4	41708.60156	258.33	0	48.845949	-86.945719	56125.04	56244.7	5.28	56130.32	56121.40234	56133.28675	56123.57031	503982.5	5410332.4
L3980.0	503982.5	5410332.4	41708.69922	280.23	0	48.845949	-86.945719	56125.25	56244.7	5.28	56130.53	56121.57422	56133.86477	56124.10156	503982.5	5410332.4
L3980.0	503982.5	5410332.6	41708.80078	282.07	0	48.845952	-86.945719	56125.66	56244.7	5.28	56130.94	56121.94531	56134.44854	56124.64063	503982.5	5410332.6
L3980.0	503982.5	5410332.9	41708.89844	280.88	0	48.845954	-86.945719	56126.16	56244.7	5.28	56131.44	56122.40625	56135.03462	56125.18359	503982.5	5410332.9
L3980.0	503982.5	5410333.2	41709.00000	280.63	0	48.845957	-86.945719	56126.90	56244.7	5.28	56132.18	56123.10938	56135.63173	56125.73438	503982.5	5410333.2
L3980.0	503982.5	5410333.2	41709.10156	282.13	0	48.845957	-86.945719	56127.88	56244.7	5.28	56133.16	56124.05078	56136.24521	56126.30469	503982.5	5410333.2
L3980.0	503982.5	5410333.5	41709.19922	283.20	0	48.845960	-86.945719	56128.56	56244.7	5.29	56133.85	56124.70313	56136.84237	56126.85938	503982.5	5410333.5
L3980.0	503982.5	5410333.5	41709.30078	284.16	0	48.845960	-86.945719	56129.53	56244.7	5.29	56134.82	56125.63672	56137.46371	56127.43750	503982.5	5410333.5
L3980.0	503982.4	5410333.9	41709.39844	282.75	0	48.845963	-86.945719	56130.64	56244.7	5.30	56135.93	56126.70703	56138.10500	56128.03516	503982.4	5410333.9
L3980.0	503982.4	5410334.2	41709.50000	282.37	0	48.845966	-86.945720	56131.81	56244.7	5.30	56137.11	56127.85156	56138.76419	56128.65234	503982.4	5410334.2
L3980.0	503982.4	5410334.5	41709.60156	264.84	0	48.845969	-86.945720	56132.61	56244.7	5.30	56137.91	56128.61719	56139.39306	56129.23828	503982.4	5410334.5
L3980.0	503982.4	5410334.9	41709.69922	262.30	0	48.845972	-86.945720	56133.27	56244.7	5.31	56138.58	56129.25000	56140.01121	56129.81250	503982.4	5410334.9
L3980.0	503982.3	5410335.4	41709.80078	275.60	0	48.845976	-86.945721	56133.90	56244.7	5.31	56139.21	56129.84375	56140.62708	56130.38672	503982.3	5410335.4
L3980.0	503982.3	5410335.4	41709.89844	278.00	0	48.845976	-86.945721	56134.61	56244.7	5.32	56139.93	56130.53125	56141.25888	56130.98047	503982.3	5410335.4
L3980.0	503982.3	5410335.8	41710.00000	278.85	0	48.845981	-86.945721	56135.24	56244.7	5.32	56140.56	56131.12500	56141.88148	56131.56250	503982.3	5410335.8
L3980.0	503982.3	5410336.2	41710.10156	278.68	0	48.845984	-86.945722	56135.64	56244.7	5.32	56140.97	56131.50000	56142.47127	56132.11328	503982.3	5410336.2
L3980.0	503982.3	5410336.2	41710.19922	280.17	0	48.845984	-86.945722	56136.20	56244.7	5.33	56141.53	56132.02734	56143.08744	56132.68750	503982.3	5410336.2
L3980.0	503982.2	5410336.7	41710.30078	283.63	0	48.845989	-86.945722	56136.82	56244.7	5.33	56142.15	56132.61328	56143.71788	56133.28125	503982.2	5410336.7
L3980.0	503982.2	5410337.1	41710.39844	285.30	0	48.845992	-86.945723	56137.79	56244.7	5.34	56143.12	56133.55078	56144.41711	56133.94141	503982.2	5410337.1
L3980.0	503982.2	5410337.6	41710.39844	285.30	0	48.845996	-86.945723	56137.85	56244.7	5.34	56143.18	56133.57813	56144.95538	56134.44531	503982.2	5410337.6
L3980.0	503982.2	5410337.6	41710.60156	284.70	0	48.845996	-86.945723	56138.13	56244.7	5.34	56143.47	56133.83594	56145.54143	56134.99219	503982.2	5410337.6
L3980.0	503982.1	5410338.0	41710.69922	286.03	0	48.846001	-86.945724	56138.23	56244.7	5.35	56143.58	56133.91406	56146.10358	56135.51953	503982.1	5410338.0
L3980.0	503982.1	5410338.7	41710.80078	286.60	0	48.846007	-86.945724	56138.93	56244.6	5.35	56144.28	56134.58203	56146.78526	56136.16797	503982.1	5410338.7
L3980.0	503982.1	5410338.7	41710.89844	286.01	0	48.846007	-86.945724	56139.18	56244.6	5.36	56144.54	56134.81250	56147.40255	56136.75000	503982.1	5410338.7
L3980.0	503982.0	5410339.6	41711.00000	283.72	0	48.846015	-86.945725	56139.62	56244.6	5.36	56144.98	56135.22266	56148.06927	56137.38281	503982.0	5410339.6
L3980.0	503982.0	5410340.1	41711.10156	282.90	0	48.846019	-86.945726	56140.02	56244.6	5.36	56145.38	56135.59375	56148.75060	56138.03125	503982.0	5410340.1
L3980.0	503981.9	5410340.7	41711.19922	284.04	0	48.846024	-86.945726	56141.14	56244.6	5.36	56146.50	56136.68750	56149.54894	56138.79688	503981.9	5410340.7
L3980.0	503981.9	5410340.7	41711.30078	262.78	0	48.846024	-86.945726	56141.49	56244.6	5.36	56146.85	56137.00781	56150.26186	56139.48047	503981.9	5410340.7
L3980.0	503981.9	5410341.3	41711.39844	259.88	0	48.846030	-86.945727	56142.40	56244.6	5.36	56147.75	56137.87891	56151.05046	56140.23828	503981.9	5410341.3
L3980.0	503981.8	5410342.0	41711.50000	281.97	0	48.846036	-86.945728	56143.36	56244.6	5.35	56148.72	56138.82422	56151.84472	56141.00391	503981.8	5410342.0
L3980.0	503981.8	5410342.7	41711.60156	280.40	0	48.846042	-86.945728	56144.29	56244.6	5.35	56149.65	56139.72656	56152.63200	56141.76172	503981.8	5410342.7
L3980.0	503981.8	5410342.7	41711.69922	279.65	0	48.846042	-86.945728	56145.28	56244.6	5.35	56150.63	56140.68359	56153.41286	56142.51563	503981.8	5410342.7
L3980.0	503981.8	5410343.6	41711.80078	281.12	0	48.846050	-86.945729	56145.89	56244.6	5.35	56151.24	56141.26563	56154.19456	56143.26953	503981.8	5410343.6
L3980.0	503981.7	5410344.2	41711.89844	279.94	0	48.846056	-86.945729	56146.93	56244.6	5.35	56152.28	56142.28516	56154.95618	56144.00781	503981.7	5410344.2
L3980.0	503981.7	5410344.7	41712.00000	280.38	0	48.846061	-86.945729	56147.48	56244.7	5.35	56152.83	56142.80859	56155.74395	56144.76953	503981.7	5410344.7
L3980.0	503981.7	5410344.7	41712.10156	279.88	0	48.846061	-86.945729	56148.22	56244.6	5.35	56153.57	56143.52734	56156.51479	56145.51563	503981.7	5410344.7
L3980.0	503981.7	5410345.5	41712.19922	281.30	0	48.846068	-86.945729	56148.95	56244.6	5.35	56154.31	56144.24609	56156.38248	56145.35938	503981.7	5410345.5
L3980.0	503981.7	5410346.2	41712.30078	283.29	0	48.846074	-86.945729	56149.54	56244.6	5.36	56154.89	56144.80469	56157.07779	56146.03516	503981.7	5410346.2
L3980.0	503981.7	5410346.2	41712.39844	258.98	0	48.846074	-86.945729	56151.02	56244.6	5.36	56156.38	56146.27344	56157.99037	56146.92578	503981.7	5410346.2
L3980.0	503981.7	5410346.8	41712.39844	258.98	0	48.846079	-86.945729	56151.76	56244.6	5.36	56157.12	56146.99219	56158.70757	56147.62109	503981.7	5410346.8
L3980.0	503981.7	5410347.6	41712.60156	261.83	0	48.846087	-86.945729	56152.74	56244.6	5.36	56158.10	56147.95313	56159.47438	56148.37109	503981.7	5410347.6
L3980.0	503981.7	5410348.4	41712.69922	284.15	0	48.846094	-86.945729	56152.75	56244.6	5.36	56158.11	56147.94531	56160.02030	56148.89844	503981.7	5410348.4
L3980.0	503981.7	5410348.4	41712.80078	284.59	0	48.846094	-86.945729	56153.91	56244.6	5.37	56159.27	56149.08594	56160.81767	56149.67578	503981.7	5410348.4
L3980.0	503981.8	5410349.0	41712.89844	285.63	0	48.846099	-86.945729	56154.44	56244.6	5.37	56159.81	56149.60938	56161.47421	56150.31641	503981.8	5410349.0
L3980.0	503981.8	5410349.8	41713.00000	286.17	0	48.846106	-86.945729	56155.38	56244.6	5.37	56160.75	56150.53125	56162.21551	56151.04297	503981.8	5410349.8

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L3980.0	503981.8	5410349.8	41713.10156	283.79	0	48.846106	-86.945729	56156.26	56244.6	5.37	56161.63	56151.39453	56162.94201	56151.75391	503981.8	5410349.8
L3980.0	503981.8	5410350.7	41713.19922	261.80	0	48.846115	-86.945729	56157.12	56244.6	5.38	56162.50	56152.25000	56163.66614	56152.46484	503981.8	5410350.7
L3980.0	503981.8	5410351.6	41713.30078	259.63	0	48.846122	-86.945729	56158.36	56244.6	5.38	56163.74	56153.47656	56164.48352	56153.27344	503981.8	5410351.6
L3980.0	503981.8	5410352.2	41713.39844	259.56	0	48.846128	-86.945728	56158.86	56244.6	5.38	56164.25	56153.96875	56165.12232	56153.89844	503981.8	5410352.2
L3980.0	503981.8	5410352.2	41713.50000	262.66	0	48.846128	-86.945728	56159.86	56244.6	5.39	56165.24	56154.94531	56166.46331	56155.23047	503981.8	5410352.2
L3980.0	503981.8	5410353.1	41713.60156	286.59	0	48.846136	-86.945729	56160.48	56244.6	5.39	56165.87	56155.56250	56167.19561	56155.95313	503981.8	5410353.1
L3980.0	503981.8	5410353.9	41713.69922	258.43	0	48.846143	-86.945729	56161.70	56244.6	5.39	56167.09	56156.77344	56167.86890	56156.61719	503981.8	5410353.9
L3980.0	503981.8	5410353.9	41713.80078	258.82	0	48.846143	-86.945729	56162.57	56244.6	5.39	56167.96	56157.62891	56168.59149	56157.33203	503981.8	5410353.9
L3980.0	503981.8	5410355.5	41713.89844	288.93	0	48.846157	-86.945729	56163.46	56244.6	5.40	56168.86	56158.51953	56169.32125	56158.05469	503981.8	5410355.5
L3980.0	503981.8	5410355.5	41714.00000	284.22	0	48.846157	-86.945729	56164.69	56244.6	5.40	56170.09	56159.73828	56170.05433	56158.78125	503981.8	5410355.5
L3980.0	503981.8	5410356.4	41714.10156	284.87	0	48.846165	-86.945729	56165.26	56244.6	5.40	56170.66	56160.30078	56170.80986	56159.53516	503981.8	5410356.4
L3980.0	503981.8	5410357.2	41714.19922	285.49	0	48.846173	-86.945729	56166.00	56244.6	5.40	56171.40	56161.03125	56171.56371	56160.28516	503981.8	5410357.2
L3980.0	503981.8	5410358.0	41714.30078	283.76	0	48.846180	-86.945729	56166.64	56244.6	5.40	56172.04	56161.66016	56172.31508	56161.03125	503981.8	5410358.0
L3980.0	503981.8	5410358.0	41714.39844	284.02	0	48.846180	-86.945729	56168.05	56244.6	5.40	56173.45	56163.06250	56173.10870	56161.82422	503981.8	5410358.0
L3980.0	503981.8	5410359.2	41714.39844	284.02	0	48.846191	-86.945729	56168.56	56244.6	5.40	56173.96	56163.56641	56173.85891	56162.57422	503981.8	5410359.2
L3980.0	503981.8	5410360.3	41714.60156	284.28	0	48.846201	-86.945729	56169.91	56244.6	5.40	56175.31	56164.91016	56174.67189	56163.38672	503981.8	5410360.3
L3980.0	503981.8	5410360.3	41714.69922	282.10	0	48.846201	-86.945729	56170.92	56244.6	5.40	56176.32	56165.91406	56175.46556	56164.17969	503981.8	5410360.3
L3980.0	503981.8	5410361.2	41714.80078	280.33	0	48.846209	-86.945729	56171.56	56244.6	5.40	56176.96	56166.54688	56176.22713	56164.94531	503981.8	5410361.2
L3980.0	503981.8	5410362.2	41714.89844	280.45	0	48.846218	-86.945729	56172.52	56244.6	5.40	56177.92	56167.50000	56177.01858	56165.73828	503981.8	5410362.2
L3980.0	503981.8	5410363.1	41715.00000	281.20	0	48.846226	-86.945728	56173.16	56244.6	5.40	56178.56	56168.13672	56177.77939	56166.50391	503981.8	5410363.1
L3980.0	503981.8	5410363.1	41715.10156	282.68	0	48.846226	-86.945728	56174.20	56244.6	5.40	56179.60	56169.17188	56178.58066	56167.30859	503981.8	5410363.1
L3980.0	503981.8	5410364.2	41715.19922	284.74	0	48.846236	-86.945728	56175.10	56244.6	5.40	56180.50	56170.06641	56179.36880	56168.10156	503981.8	5410364.2
L3980.0	503981.8	5410365.6	41715.30078	282.45	0	48.846249	-86.945728	56176.48	56244.6	5.40	56181.88	56171.44531	56180.20691	56168.94531	503981.8	5410365.6
L3980.0	503981.8	5410365.6	41715.39844	282.57	0	48.846249	-86.945728	56177.23	56244.6	5.40	56182.63	56172.19141	56180.98155	56169.72656	503981.8	5410365.6
L3980.0	503981.8	5410366.5	41715.50000	281.89	0	48.846256	-86.945729	56177.98	56244.6	5.41	56183.38	56172.93750	56181.75716	56170.51172	503981.8	5410366.5
L3980.0	503981.7	5410367.4	41715.60156	280.57	0	48.846265	-86.945729	56178.47	56244.6	5.41	56183.88	56173.43359	56182.50785	56171.26953	503981.7	5410367.4
L3980.0	503981.7	5410368.5	41715.69922	260.71	0	48.846274	-86.945729	56179.45	56244.6	5.41	56184.86	56174.41406	56183.30875	56172.08203	503981.7	5410368.5
L3980.0	503981.7	5410368.5	41715.80078	259.10	0	48.846274	-86.945729	56180.65	56244.6	5.41	56186.06	56175.61328	56184.13368	56172.91406	503981.7	5410368.5
L3980.0	503981.7	5410369.3	41715.89844	285.15	0	48.846282	-86.945729	56181.50	56244.6	5.41	56186.91	56176.46094	56184.92439	56173.71484	503981.7	5410369.3
L3980.0	503981.7	5410370.5	41716.00000	283.98	0	48.846292	-86.945729	56183.00	56244.6	5.41	56188.41	56177.96094	56185.78479	56174.58984	503981.7	5410370.5
L3980.0	503981.7	5410370.5	41716.10156	283.23	0	48.846292	-86.945729	56183.81	56244.6	5.41	56189.23	56178.77734	56186.57672	56175.39063	503981.7	5410370.5
L3980.0	503981.7	5410371.6	41716.19922	282.02	0	48.846303	-86.945729	56184.87	56244.6	5.42	56190.29	56179.83594	56187.39607	56176.22266	503981.7	5410371.6
L3980.0	503981.7	5410372.7	41716.30078	282.60	0	48.846312	-86.945729	56185.46	56244.6	5.42	56190.88	56180.42578	56188.16588	56177.00781	503981.7	5410372.7
L3980.0	503981.7	5410372.7	41716.39844	282.17	0	48.846312	-86.945729	56186.36	56244.6	5.43	56191.78	56181.32813	56188.96999	56177.82422	503981.7	5410372.7
L3980.0	503981.7	5410373.8	41716.39844	282.17	0	48.846322	-86.945729	56187.28	56244.6	5.43	56192.70	56182.24609	56189.77686	56178.64844	503981.7	5410373.8
L3980.0	503981.7	5410374.8	41716.60156	281.56	0	48.846331	-86.945729	56188.64	56244.6	5.43	56194.08	56183.62891	56190.63648	56179.52344	503981.7	5410374.8
L3980.0	503981.7	5410376.0	41716.69922	282.85	0	48.846342	-86.945729	56189.43	56244.6	5.44	56194.86	56184.41016	56191.42730	56180.32813	503981.7	5410376.0
L3980.0	503981.7	5410377.0	41716.80078	284.19	0	48.846351	-86.945729	56190.15	56244.6	5.44	56195.59	56185.14063	56192.21093	56181.12891	503981.7	5410377.0
L3980.0	503981.7	5410377.0	41716.89844	282.23	0	48.846351	-86.945729	56191.20	56244.6	5.45	56196.64	56186.19141	56193.02986	56181.96484	503981.7	5410377.0
L3980.0	503981.7	5410378.1	41717.00000	282.18	0	48.846361	-86.945729	56192.08	56244.6	5.45	56197.53	56187.08203	56193.82734	56182.77734	503981.7	5410378.1
L3980.0	503981.7	5410379.2	41717.10156	282.51	0	48.846371	-86.945729	56193.11	56244.5	5.45	56198.57	56188.12109	56194.63879	56183.60547	503981.7	5410379.2
L3980.0	503981.7	5410379.2	41717.19922	282.74	0	48.846371	-86.945729	56194.25	56244.5	5.46	56199.71	56189.26172	56195.45738	56184.44531	503981.7	5410379.2
L3980.0	503981.7	5410381.3	41717.30078	283.63	0	48.846389	-86.945729	56195.27	56244.5	5.46	56200.73	56190.28516	56196.25761	56185.26172	503981.7	5410381.3
L3980.0	503981.7	5410382.4	41717.39844	285.36	0	48.846399	-86.945729	56195.88	56244.5	5.47	56201.35	56190.90625	56197.01027	56186.03516	503981.7	5410382.4
L3980.0	503981.7	5410382.4	41717.50000	285.55	0	48.846399	-86.945729	56196.73	56244.5	5.47	56202.21	56191.76563	56197.78577	56186.82813	503981.7	5410382.4
L3980.0	503981.7	5410383.7	41717.60156	261.70	0	48.846411	-86.945729	56197.73	56244.5	5.48	56203.21	56192.76563	56198.57219	56187.63672	503981.7	5410383.7
L3980.0	503981.7	5410383.7	41717.69922	259.21	0	48.846411	-86.945729	56198.84	56244.5	5.49	56204.32	56193.87891	56199.36539	56188.44922	503981.7	5410383.7
L3980.0	503981.7	5410385.1	41717.80078	283.30	0	48.846424	-86.945729	56199.72	56244.5	5.49	56205.21	56194.76953	56200.13495	56189.23828	503981.7	5410385.1
L3980.0	503981.7	5410386.6	41717.89844	280.76	0	48.846437	-86.945729	56200.35	56244.5	5.50	56205.85	56195.41016	56200.88212	56190.00391	503981.7	5410386.6
L3980.0	503981.7	5410386.6	41718.00000	280.23	0	48.846437	-86.945729	56201.18	56244.5	5.50	56206.68	56196.23828	56201.64615	56190.78906	503981.7	5410386.6
L3980.0	503981.7	5410387.8	41718.10156	283.74	0	48.846448	-86.945729	56202.23	56244.5	5.50	56207.73	56197.28906	56202.42697	56191.59375	503981.7	5410387.8
L3980.0	503981.7	5410388.7	41718.19922	283.68	0	48.846457	-86.945729	56203.31	56244.5	5.50	56208.81	56198.37109	56203.20835	56192.39453	503981.7	5410388.7
L3980.0	503981.7	5410390.0	41718.30078	280.36	0	48.846467	-86.945728	56204.29	56244.5	5.50	56209.79	56199.35156	56203.98119	56193.18750	503981.7	5410390.0
L3980.0	503981.8	5410390.9	41718.39844	280.22	0	48.846476	-86.945728	56205.23	56244.5	5.50	56210.73	56200.28906	56204.75044	56193.98047	503981.8	5410390.9
L3980.0	503981.8	5410390.9	41718.39844	280.22	0	48.846476	-86.945728	56206.30	56244.5	5.50	56211.80	56201.35938	56205.52655	56194.77734	503981.8	5410390.9
L3980.0	503981.8	5410392.1	41718.60156	278.86	0	48.846486	-86.945728	56206.83	56244.5	5.50	56212.33	56201.89063	56206.27058	56195.54297	503981.8	5410392.1
L3980.0	503981.8	5410393.0	41718.69922	278.91	0	48.846495	-86.945728	56207.93	56244.5	5.50	56213.43	56202.98828	56207.04573	56196.33984	503981.8	5410393.0
L3980.0	503981.7	5410394.3	41718.80078	278.40	0	48.846507	-86.945728	56208.70	56244.5	5.50	56214.20	56203.75781	56207.80171	56197.11719	503981.7	5410394.3
L3980.0	503981.7	5410394.3	41718.89844	280.51	0	48.846507	-86.945728	56209.92	56244.5	5.50	56215.42	56204.97656	56208.57657	56197.91406	503981.7	5410394.3
L3980.0	503981.7	5410395.6	41719.00000	281.91	0	48.846519	-86.945729	56210.59	56244.5	5.50	56216.09	56205.64453	56209.32305	56198.67969	503981.7	5410395.6
L3980.0	503981.7	5410396.8	41719.10156	282.59	0	48.846529	-86.945729	56211.40	56244.5	5.50	56216.91	56206.46484	56210.07408	56199.45313	503981.7	5410396.8
L3980.0	503981.7	5410397.9	41719.19922	280.83	0	48.846539	-86.945729	56212.34	56244.5	5.51	56217.85	56207.40234	56210.82738	56200.23047	503981.7	5410397.9
L3980.0	503981.7	5410397.9	41719.30078	280.83	0	48.846539	-86.945729	56213.22	56244.5	5.51	56218.73	56208.27734	56211.57679	56201.00000	503981.7	5410397.9
L3980.0	503981.7	5410399.0	41719.39844	280.44	0	48.846549	-86.945729	56214.41	56244.5	5.52	56219.93	56209.47656	56212.33341	56201.77734	503981.7	5410399.0
L3980.0	503981.7	5410400.3	41719.39844	280.82	0	48.846561	-86.945729	56214.97	56244.5	5.52	56220.49	56210.03125	56213.07406	56202.53906	503981.7	5410400.3
L3980.0	503981.7	5410400.3	41719.60156	281.09	0	48.846561	-86.945729	56216.13	56244.5	5.53	56221.66	56211.19922	56213.82864	56203.31641	503981.7	5410400.3
L3980.0	503981.7	5410401.5	41719.69922	281.61	0	48.846571	-86.945729	56217.07	56244.5	5.54	56222.60	56212.13281	56214.57956	56204.08594	503981.7	5410401.5
L3980.0	503981.7	5410402.7	41719.80078	281.61	0	48.846582	-86.945729	56218.09	56244.5	5.54	56223.63	56213.16016	56215.33390	56204.86328	503981.7	5410402.7
L3980.0	503981.7	5410403.8	41719.89844	280.18	0	48.846593	-86.945729	56218.66	56244.5	5.55	56224.21	56213.73438	56216.08575	56205.63281	503981.7	5410403.8
L3980.0	503981.7	5410403.8	41719.89844	280.18	0	48.846593	-86.945729	56219.46	56244.5	5.55	56225.00	56214.51953	56216.84411	56206.41406	503981.7	5410403.8
L3980.0	503981.7	5410405.5	41720.00000	279.87	0	48.846607	-86.945728	56220.26	56244.4	5.55	56225.81	56215.32422	56217.60588	56207.19531	503981.7	5410405.5
L3980.0	503981.8	5410406.8	41720.19922	278.77	0	48.846619	-86.945728	56220.90	56244.4	5.56	56226.46	56215.96875	56218.36881	56207.97656	503981.8	5410406.8
L3980.0	503981.8	5410407.8	41720.19922	279.36	0	48.846628	-86.945728	56221.98	56244.4	5.56	56227.54	56217.04297	56219.13755	56208.76563	503981.8	5410407.8
L3980.0	503981.8	5410407.8	41720.39844	279.26	0	48.846628	-86.945728	56222.58	56244.4	5.56	56228.14	56217.63281	56219.90294	56209.55078	503981.8	5410407.8
L3980.0	503981.8	5410408.7	41720.39844	279.26	0	48.846636	-86.945728	56223.73	56244.4	5.56	56229.29	56218.77734	56220.67372	56210.33984	503981.8	5410408.7
L3980.0	503981.8	5410409.9	41720.60156	277.97	0	48.846647	-86.945727	56224.27	56244.4	5.57	56229.84	56219.31641	56221.43761	56211.12109	503981.8	5410409.9
L3980.0	503981.9	5410411.1	41720.69922	277.79	0	48.846658	-86.945727	56226.00	56244.4	5.57	56231.57	56221.03906	56222.21366	56211.91406	503981.9	5410411.1
L3980.0	503981.9	5410411.1	41720.80078	280.25	0	48.846658	-86.945727	56226.43	56244.4	5.57	56232.01	56221.46875	56222.97280	56212.69141	503981.9	5410411.1
L3980.0	503981.9	5410412.6	41720.89844	280.42	0	48.846671	-86.945726	56227.08	56244.4	5.58	56232.66	56222.10938	56223.73131	56213.46484	503981.9	5410412.6
L3980.0	503982.0	5410413.8	41721.00000	281.12	0	48.846682	-86.945725	56227.83	56244.4	5.58	56233.41	56222.85156	56224.48768	56214.23828	503982.0	5410413.8
L3980.0	503982.0	5410414.9	41721.10156	281.80	0	48.846692	-86.945724	56228.98	56244.4	5.58	56234.57	56224.00000	56225.24588	56215.01172	503982.0	5410414.9
L3980.0	503982.0	5410414.9	41721.19922	281.15	0	48.846692	-86.945724	56230.34	56244.4	5.59	56235.93	56225.34766	56226.00292	56215.78516	503982.0	5410414.9
L3980.0	503982.1	5410416.4	41721.30078	282.17	0	48.846705	-86.945723	56230.93	56244.4	5.59	56236.51	56225.91797	56226.74548	56216.54297	503982.1	5410416.4
L3980.0	503982.2	5410417.5	41721.39844	282.22	0	48.846715	-86.945723	56231.92	56244.4	5.59	56237.51	56226.90625	56227.48847	56217.30078	503982.2	5410417.5
L3980.0	503982.2	5410418.7	41721.50000	282.28	0	48.846726	-86.945722	56232.36	56244.4	5.60	56237.95	56227.33203	56228.22025	56218.04688	503982.2	5410418.7
L3980.0	503982.3	5410420.0	41721.60156	280.30	0	48.846738	-86.945721	56233.56	56244.4	5.60	56239.16	56228.52734	56228.95465	56218.79297	503982.3	5410420.0
L3980.0	503982.3	5410421.3	41721.69922	280.26	0	48.846749	-86.945720	56233.89	56244.4	5.60	56239.49	56228.84375	56229.67569	56219.52734	503982.3	5410421.3
L3980.0	503982.3	5410421.3	41721.80078	279.20	0	48.846749	-86.945720	56234.70	56244.4	5.60	56240.31	56229.65234	56230.39476	56220.26172	503982.3	5410421.3
L3980.0	503982.4	5410422.8	41721.89844	277.38	0	48.846763	-86.945719	56235.21	56244.4	5.61	56240.82	56230.14453	56231.10646	56220.98438	503982.4	5410422.8
L3980.0	503982.4	5410424.1	41722.00000	279.12	0	48.846775	-86.945719	56236.19	56244.4	5.61	56241.80	56231.10938	56231.81208	56221.69922	503982.4	5410424.1
L3980.0	503982.4	5410424.1	41722.10156	279.32	0	48.846775	-86.945719	56236.90	56244.4	5.61	56242.51	56231.80469	56232.51229	56222.41016	503982.4	5410424.1
L3980.0	503982.4	5410425.5	41722.19922	278.36	0	48.846787	-86.945718	56238.35	56244.4	5.62	56243.97	56233.25000	56233.20229	56223.10938	503982.4	5410425.5
L3980.0	503982.5	5410426.6	41722.30078	279.67	0	48.846798	-86.945718	56239.05	56244.4	5.62	56244.67	56233.93359	56233.89431	56223.81250	503982.5	5410426.6

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L3980.0	503982.5	5410428.0	41722.39844	279.05	0	48.846810	-86.945718	56239.66	56244.4	5.63	56245.29	56234.53516	56234.58771	56224.51563	503982.5	5410428.0
L3980.0	503982.5	5410428.0	41722.39844	279.05	0	48.846810	-86.945718	56241.21	56244.4	5.63	56246.83	56236.05859	56235.26512	56225.19922	503982.5	5410428.0
L3980.0	503982.5	5410429.7	41722.60156	278.17	0	48.846825	-86.945717	56241.63	56244.4	5.63	56247.26	56236.46875	56235.96657	56225.90625	503982.5	5410429.7
L3980.0	503982.6	5410431.0	41722.69922	279.51	0	48.846837	-86.945717	56242.56	56244.4	5.64	56248.19	56237.37891	56236.66189	56226.60938	503982.6	5410431.0
L3980.0	503982.6	5410432.5	41722.80078	278.44	0	48.846851	-86.945716	56243.19	56244.4	5.64	56248.83	56238.00000	56237.37076	56227.32422	503982.6	5410432.5
L3980.0	503982.6	5410432.5	41722.89844	280.68	0	48.846851	-86.945716	56243.79	56244.4	5.65	56249.43	56238.58203	56238.08860	56228.04688	503982.6	5410432.5
L3980.0	503982.6	5410434.0	41723.00000	279.65	0	48.846864	-86.945716	56244.47	56244.3	5.65	56250.12	56239.25391	56238.81291	56228.77734	503982.6	5410434.0
L3980.0	503982.7	5410435.6	41723.10156	280.78	0	48.846879	-86.945715	56245.78	56244.3	5.65	56251.43	56240.54297	56239.52982	56229.49609	503982.7	5410435.6
L3980.0	503982.7	5410435.6	41723.19922	276.91	0	48.846879	-86.945715	56246.42	56244.3	5.65	56252.07	56241.16016	56240.27378	56230.24609	503982.7	5410435.6
L3980.0	503982.7	5410437.4	41723.30078	278.67	0	48.846895	-86.945715	56247.00	56244.3	5.65	56252.65	56241.71875	56241.02728	56231.00000	503982.7	5410437.4
L3980.0	503982.7	5410438.5	41723.39844	278.83	0	48.846905	-86.945715	56248.06	56244.3	5.65	56253.71	56242.75781	56241.78007	56231.75391	503982.7	5410438.5
L3980.0	503982.7	5410438.5	41723.50000	278.96	0	48.846905	-86.945715	56248.66	56244.3	5.65	56254.31	56243.33594	56242.54874	56232.52344	503982.7	5410438.5
L3980.0	503982.7	5410440.3	41723.60156	281.09	0	48.846921	-86.945714	56249.53	56244.3	5.65	56255.18	56244.18359	56243.32188	56233.29688	503982.7	5410440.3
L3980.0	503982.7	5410441.6	41723.69922	279.75	0	48.846932	-86.945714	56250.00	56244.3	5.65	56255.65	56244.63281	56244.10405	56234.07813	503982.7	5410441.6
L3980.0	503982.7	5410443.2	41723.80078	281.12	0	48.846946	-86.945714	56250.95	56244.3	5.65	56256.60	56245.55859	56244.89338	56234.86719	503982.7	5410443.2
L3980.0	503982.7	5410443.2	41723.89844	282.13	0	48.846946	-86.945714	56251.68	56244.3	5.65	56257.33	56246.26563	56245.68822	56235.66016	503982.7	5410443.2
L3980.0	503982.7	5410444.7	41724.00000	282.33	0	48.846960	-86.945714	56252.55	56244.3	5.65	56258.20	56247.11328	56246.49149	56236.46094	503982.7	5410444.7
L3980.0	503982.7	5410444.7	41724.10156	281.27	0	48.846960	-86.945714	56253.40	56244.3	5.66	56259.06	56247.94922	56247.30192	56237.26953	503982.7	5410444.7
L3980.0	503982.7	5410447.3	41724.19922	260.30	0	48.846983	-86.945715	56253.97	56244.3	5.66	56259.64	56248.50391	56248.10814	56238.07031	503982.7	5410447.3
L3980.0	503982.7	5410447.3	41724.30078	260.19	0	48.846983	-86.945715	56255.16	56244.3	5.67	56260.82	56249.66016	56248.94742	56238.90625	503982.7	5410447.3
L3980.0	503982.7	5410449.0	41724.39844	278.98	0	48.846998	-86.945715	56255.66	56244.3	5.67	56261.33	56250.14453	56249.75710	56239.71094	503982.7	5410449.0
L3980.0	503982.6	5410450.1	41724.39844	278.98	0	48.847009	-86.945716	56256.47	56244.3	5.67	56262.15	56250.93750	56250.58702	56240.53125	503982.6	5410450.1
L3980.0	503982.6	5410450.1	41724.60156	277.73	0	48.847009	-86.945716	56256.86	56244.3	5.69	56262.54	56251.30469	56251.38331	56241.32422	503982.6	5410450.1
L3980.0	503982.6	5410451.8	41724.69922	280.59	0	48.847024	-86.945716	56257.70	56244.3	5.69	56263.39	56252.12891	56252.21544	56242.14844	503982.6	5410451.8
L3980.0	503982.5	5410453.1	41724.80078	283.06	0	48.847036	-86.945717	56258.54	56244.3	5.70	56264.23	56252.94531	56253.04794	56242.97266	503982.5	5410453.1
L3980.0	503982.5	5410454.6	41724.89844	283.74	0	48.847049	-86.945718	56259.16	56244.3	5.70	56264.86	56253.54688	56253.85581	56243.76953	503982.5	5410454.6
L3980.0	503982.5	5410454.6	41725.00000	283.24	0	48.847049	-86.945718	56260.02	56244.3	5.71	56265.73	56254.39063	56254.68796	56244.59375	503982.5	5410454.6
L3980.0	503982.4	5410456.2	41725.10156	284.49	0	48.847064	-86.945718	56260.27	56244.3	5.71	56265.98	56254.61719	56255.43324	56245.32813	503982.4	5410456.2
L3980.0	503982.4	5410457.8	41725.19922	282.88	0	48.847078	-86.945719	56261.06	56244.3	5.71	56266.78	56255.39063	56256.24519	56246.12891	503982.4	5410457.8
L3980.0	503982.4	5410457.8	41725.30078	281.95	0	48.847078	-86.945719	56261.68	56244.3	5.71	56267.40	56255.98438	56257.02496	56246.89453	503982.4	5410457.8
L3980.0	503982.4	5410459.2	41725.39844	284.79	0	48.847090	-86.945719	56262.86	56244.3	5.71	56268.57	56257.12891	56257.88834	56247.74609	503982.4	5410459.2
L3980.0	503982.3	5410460.8	41725.50000	285.47	0	48.847105	-86.945720	56263.52	56244.3	5.71	56269.23	56257.76172	56258.66662	56248.51172	503982.3	5410460.8
L3980.0	503982.3	5410460.8	41725.60156	283.13	0	48.847105	-86.945720	56264.10	56244.3	5.72	56269.81	56258.31641	56259.42355	56249.25391	503982.3	5410460.8
L3980.0	503982.3	5410462.1	41725.69922	280.88	0	48.847116	-86.945720	56264.70	56244.3	5.72	56270.41	56258.89063	56260.17591	56249.99219	503982.3	5410462.1
L3980.0	503982.2	5410463.5	41725.80078	280.38	0	48.847129	-86.945721	56265.23	56244.3	5.72	56270.95	56259.40234	56260.90525	56250.70703	503982.2	5410463.5
L3980.0	503982.2	5410465.0	41725.89844	283.09	0	48.847142	-86.945721	56265.91	56244.3	5.72	56271.63	56260.05859	56261.64849	56251.43359	503982.2	5410465.0
L3980.0	503982.2	5410465.0	41726.00000	283.74	0	48.847142	-86.945721	56266.50	56244.3	5.72	56272.22	56260.62109	56262.35870	56252.12500	503982.2	5410465.0
L3980.0	503982.2	5410466.5	41726.10156	282.58	0	48.847156	-86.945722	56267.53	56244.3	5.72	56273.25	56261.62500	56263.14600	56252.89453	503982.2	5410466.5
L3980.0	503982.2	5410468.7	41726.19922	285.72	0	48.847176	-86.945722	56268.13	56244.3	5.72	56273.85	56262.19922	56263.82590	56253.55859	503982.2	5410468.7
L3980.0	503982.2	5410469.9	41726.30078	283.32	0	48.847186	-86.945722	56269.32	56244.3	5.72	56275.04	56263.36328	56264.61516	56254.32813	503982.2	5410469.9
L3980.0	503982.2	5410469.9	41726.39844	283.75	0	48.847186	-86.945722	56269.87	56244.3	5.72	56275.59	56263.88672	56265.24635	56254.94141	503982.2	5410469.9
L3980.0	503982.2	5410471.6	41726.39844	283.75	0	48.847202	-86.945722	56270.87	56244.3	5.72	56276.59	56264.85938	56265.95447	56255.62891	503982.2	5410471.6
L3980.0	503982.2	5410473.3	41726.50000	286.13	0	48.847217	-86.945721	56271.73	56244.3	5.73	56277.46	56265.70703	56266.61227	56256.26563	503982.2	5410473.3
L3980.0	503982.2	5410473.3	41726.69922	284.67	0	48.847217	-86.945721	56272.50	56244.3	5.73	56278.22	56266.44141	56267.22441	56256.85938	503982.2	5410473.3
L3980.0	503982.2	5410475.0	41726.80078	283.32	0	48.847233	-86.945721	56273.40	56244.3	5.73	56279.13	56267.32422	56267.84617	56257.45703	503982.2	5410475.0
L3980.0	503982.2	5410475.0	41726.89844	262.82	0	48.847233	-86.945721	56273.90	56244.3	5.73	56279.63	56267.80078	56268.36294	56257.95313	503982.2	5410475.0
L3980.0	503982.3	5410476.8	41727.00000	264.48	0	48.847249	-86.945720	56274.79	56244.3	5.73	56280.52	56268.66406	56268.93606	56258.50391	503982.3	5410476.8
L3980.0	503982.3	5410478.4	41727.10156	286.46	0	48.847263	-86.945719	56275.48	56244.3	5.74	56281.22	56269.33984	56269.45100	56258.99609	503982.3	5410478.4
L3980.0	503982.4	5410480.0	41727.19922	285.14	0	48.847277	-86.945719	56275.85	56244.3	5.74	56281.59	56269.68750	56269.88907	56259.41016	503982.4	5410480.0
L3980.0	503982.4	5410480.0	41727.30078	285.38	0	48.847277	-86.945719	56276.48	56244.3	5.75	56282.23	56270.30469	56270.35857	56259.85547	503982.4	5410480.0
L3980.0	503982.4	5410481.5	41727.39844	284.69	0	48.847291	-86.945718	56277.08	56244.3	5.75	56282.83	56270.87891	56270.80677	56260.27734	503982.4	5410481.5
L3980.0	503982.5	5410483.2	41727.50000	285.01	0	48.847306	-86.945718	56277.76	56244.2	5.76	56283.52	56271.54688	56271.25477	56260.69922	503982.5	5410483.2
L3980.0	503982.5	5410483.2	41727.60156	281.78	0	48.847306	-86.945718	56278.34	56244.2	5.76	56284.10	56272.10156	56271.67635	56261.09375	503982.5	5410483.2
L3980.0	503982.5	5410484.6	41727.69922	280.01	0	48.847319	-86.945717	56279.14	56244.2	5.76	56284.91	56272.89063	56272.11539	56261.50781	503982.5	5410484.6
L3980.0	503982.5	5410485.7	41727.80078	280.53	0	48.847329	-86.945717	56279.54	56244.2	5.77	56285.31	56273.26953	56272.50496	56261.87109	503982.5	5410485.7
L3980.0	503982.6	5410487.3	41727.89844	280.61	0	48.847343	-86.945716	56280.34	56244.2	5.78	56286.12	56274.05859	56272.93010	56262.26953	503982.6	5410487.3
L3980.0	503982.6	5410487.3	41728.00000	280.54	0	48.847343	-86.945716	56280.84	56244.2	5.78	56286.62	56274.53516	56273.32782	56262.63672	503982.6	5410487.3
L3980.0	503982.6	5410488.9	41728.10156	280.28	0	48.847358	-86.945716	56281.71	56244.2	5.78	56287.49	56275.38281	56273.74960	56263.03125	503982.6	5410488.9
L3980.0	503982.6	5410488.9	41728.19922	279.95	0	48.847358	-86.945716	56282.53	56244.2	5.78	56288.31	56276.18359	56274.16869	56263.42188	503982.6	5410488.9
L3980.0	503982.6	5410490.2	41728.30078	281.28	0	48.847369	-86.945716	56283.14	56244.2	5.78	56288.92	56276.77344	56274.58646	56263.81250	503982.6	5410490.2
L3980.0	503982.6	5410491.8	41728.39844	281.99	0	48.847383	-86.945715	56283.66	56244.2	5.78	56289.44	56277.27344	56275.01618	56264.21094	503982.6	5410491.8
L3980.0	503982.6	5410493.1	41728.39844	281.99	0	48.847395	-86.945715	56284.26	56244.2	5.78	56290.03	56277.84375	56275.46591	56264.63281	503982.6	5410493.1
L3980.0	503982.6	5410493.1	41728.60156	278.89	0	48.847395	-86.945715	56285.21	56244.2	5.77	56290.99	56278.78516	56275.93512	56265.07031	503982.6	5410493.1
L3980.0	503982.6	5410494.4	41728.69922	277.75	0	48.847407	-86.945715	56285.44	56244.2	5.77	56291.21	56278.98828	56276.42689	56265.53125	503982.6	5410494.4
L3980.0	503982.7	5410496.0	41728.80078	278.30	0	48.847421	-86.945715	56286.05	56244.2	5.77	56291.82	56279.58203	56276.93875	56266.01172	503982.7	5410496.0
L3980.0	503982.7	5410496.0	41728.89844	278.95	0	48.847421	-86.945715	56286.66	56244.2	5.77	56292.43	56280.17188	56277.46955	56266.51172	503982.7	5410496.0
L3980.0	503982.7	5410497.5	41729.00000	279.81	0	48.847435	-86.945715	56287.38	56244.2	5.77	56293.15	56280.87891	56278.01716	56267.02734	503982.7	5410497.5
L3980.0	503982.7	5410498.3	41729.10156	279.19	0	48.847443	-86.945715	56288.06	56244.2	5.77	56293.83	56281.54297	56278.58322	56267.55859	503982.7	5410498.3
L3980.0	503982.7	5410499.7	41729.19922	280.15	0	48.847454	-86.945715	56288.81	56244.2	5.77	56294.58	56282.27734	56279.16576	56268.10938	503982.7	5410499.7
L3980.0	503982.7	5410500.9	41729.30078	278.10	0	48.847466	-86.945715	56289.20	56244.2	5.78	56294.97	56282.65234	56279.76933	56268.67969	503982.7	5410500.9
L3980.0	503982.7	5410500.9	41729.39844	280.75	0	48.847466	-86.945715	56289.57	56244.2	5.78	56295.35	56283.01563	56280.38689	56269.26563	503982.7	5410500.9
L3980.0	503982.6	5410502.0	41729.50000	281.29	0	48.847475	-86.945715	56290.34	56244.2	5.78	56296.12	56283.77344	56281.01477	56269.85938	503982.6	5410502.0
L3980.0	503982.6	5410503.2	41729.60156	279.42	0	48.847486	-86.945715	56290.60	56244.2	5.78	56296.38	56284.01953	56281.65340	56270.46484	503982.6	5410503.2
L3980.0	503982.6	5410504.9	41729.69922	279.93	0	48.847502	-86.945716	56291.38	56244.2	5.78	56297.17	56284.79688	56282.29960	56271.07813	503982.6	5410504.9
L3980.0	503982.6	5410504.9	41729.80078	255.57	0	48.847502	-86.945716	56291.62	56244.2	5.79	56297.40	56285.01563	56282.94357	56271.68750	503982.6	5410504.9
L3980.0	503982.6	5410506.2	41729.89844	257.54	0	48.847513	-86.945716	56292.43	56244.2	5.79	56298.21	56285.81641	56283.59765	56272.30469	503982.6	5410506.2
L3980.0	503982.6	5410507.6	41730.00000	282.27	0	48.847526	-86.945716	56293.15	56244.2	5.79	56298.94	56286.53516	56284.25066	56272.92578	503982.6	5410507.6
L3980.0	503982.5	5410508.8	41730.10156	281.93	0	48.847537	-86.945716	56293.56	56244.2	5.79	56299.35	56286.93750	56284.88902	56273.52734	503982.5	5410508.8
L3980.0	503982.5	5410508.8	41730.19922	280.96	0	48.847537	-86.945716	56294.06	56244.2	5.79	56299.86	56287.43750	56285.52111	56274.12500	503982.5	5410508.8
L3980.0	503982.5	5410509.8	41730.30078	281.37	0	48.847546	-86.945717	56294.52	56244.2	5.80	56300.32	56287.89063	56286.13816	56274.70703	503982.5	5410509.8
L3980.0	503982.5	5410511.2	41730.39844	280.55	0	48.847558	-86.945717	56295.18	56244.2	5.80	56300.98	56288.54297	56286.75277	56275.28516	503982.5	5410511.2
L3980.0	503982.5	5410512.5	41730.39844	280.55	0	48.847570	-86.945717	56295.46	56244.2	5.80	56301.26	56288.81641	56287.33057	56275.82422	503982.5	5410512.5
L3980.0	503982.4	5410513.9	41730.60156	284.98	0	48.847583	-86.945718	56295.96	56244.2	5.80	56301.76	56289.30859	56287.90588	56276.36328	503982.4	5410513.9
L3980.0	503982.4	5410513.9	41730.69922	283.57	0	48.847583	-86.945718	56296.52	56244.2	5.80	56302.32	56289.86328	56288.47027	56276.89453	503982.4	5410513.9
L3980.0	503982.4	5410515.2	41730.80078	283.38	0	48.847594	-86.945718	56296.99	56244.2	5.81	56302.80	56290.33984	56289.01381	56277.39844	503982.4	5410515.2
L3980.0	503982.4	5410516.6	41730.89844	282.04	0	48.847606	-86.945719	56297.44	56244.2	5.81	56303.25	56290.78516	56289.53974	56277.88672	503982.4	5410516.6
L3980.0	503982.3	5410517.6	41731.00000	283.06	0	48.847615	-86.945719	56297.92	56244.2	5.81	56303.73	56291.26172	56290.05264	56278.36328	503982.3	5410517.6
L3980.0	503982.3	5410517.6	41731.10156	281.32	0	48.847615	-86.945719	56298.58	56244.2	5.81	56304.39	56291.92188	56290.56438	56278.83984	503982.3	5410517.6
L3980.0	503982.3	5410519.0	41731.19922	282.57	0	48.847629	-86.945720	56299.15	56244.2	5.81	56304.96	56292.48828	56291.05495	56279.29297	503982.3	5410519.0
L3980.0	503982.3	5410520.1	41731.30078	281.84	0	48.847638	-86.945720	56299.27	56244.2	5.81	56305.08	56292.60938	56291.49875	56279.69922	503982.3	5410520.1
L3980.0	503982.2	5410521.3	41731.39844	280.32	0	48.847649	-86.945720	56299.39	56244.2	5.81	56305.20	56292.73047	56291.93135	56280.09375	503982.2	5410521.3
L3980.0	503982.2	5410521.3	41731.50000	281.59	0	48.847649	-86.945720	56300.24	56244.2	5.81	56306.04	56293.57031	56292.40497	56280.52734	503982.2	5410521.3
L3980.0	503982.2	5410522.3	41731.60156	281.27	0	48.847658	-86.945721	56300.53	56244.2	5.80	56306.33	56293.85938	56292.82953	56280.91406	503982.2	5410522.3

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L3980.0	503982.2	5410523.5	41731.69922	281.03	0	48.847669	-86.945721	56301.18	56244.2	5.80	56306.99	56294.52344	56293.26961	56281.31641	503982.2	5410523.5
L3980.0	503982.2	5410524.6	41731.80078	281.36	0	48.847678	-86.945721	56301.41	56244.2	5.80	56307.21	56294.74609	56293.67302	56281.67969	503982.2	5410524.6
L3980.0	503982.1	5410525.5	41731.89844	280.30	0	48.847687	-86.945722	56301.68	56244.2	5.80	56307.48	56295.01953	56294.07305	56282.03906	503982.1	5410525.5
L3980.0	503982.1	5410525.5	41732.00000	280.35	0	48.847687	-86.945722	56302.18	56244.2	5.80	56307.98	56295.52344	56294.47918	56282.40625	503982.1	5410525.5
L3980.0	503982.1	5410526.8	41732.10156	280.29	0	48.847698	-86.945722	56302.82	56244.2	5.80	56308.62	56296.17188	56294.88454	56282.77344	503982.1	5410526.8
L3980.0	503982.1	5410528.0	41732.19922	280.06	0	48.847709	-86.945723	56303.15	56244.2	5.80	56308.95	56296.50781	56295.26751	56283.11719	503982.1	5410528.0
L3980.0	503982.1	5410528.0	41732.30078	279.91	0	48.847709	-86.945723	56303.45	56244.2	5.81	56309.26	56296.82422	56295.64516	56283.45313	503982.1	5410528.0
L3980.0	503982.0	5410529.3	41732.39844	279.42	0	48.847721	-86.945723	56303.64	56244.2	5.81	56309.45	56297.01953	56296.01587	56283.78516	503982.0	5410529.3
L3980.0	503982.0	5410530.3	41732.39844	279.42	0	48.847730	-86.945723	56304.12	56244.2	5.81	56309.93	56297.50781	56296.39481	56284.12500	503982.0	5410530.3
L3980.0	503982.0	5410531.5	41732.60156	280.65	0	48.847741	-86.945724	56304.51	56244.2	5.81	56310.32	56297.91016	56296.76803	56284.45703	503982.0	5410531.5
L3980.0	503982.0	5410531.5	41732.69922	281.17	0	48.847741	-86.945724	56304.89	56244.2	5.81	56310.70	56298.29688	56297.13753	56284.78516	503982.0	5410531.5
L3980.0	503982.0	5410532.5	41732.80078	281.32	0	48.847750	-86.945724	56305.60	56244.2	5.82	56311.42	56299.02734	56297.50886	56285.11719	503982.0	5410532.5
L3980.0	503982.0	5410533.5	41732.89844	279.05	0	48.847759	-86.945724	56305.78	56244.2	5.82	56311.60	56299.21875	56297.86785	56285.43359	503982.0	5410533.5
L3980.0	503982.0	5410533.5	41733.00000	279.29	0	48.847759	-86.945724	56306.01	56244.2	5.82	56311.83	56299.46094	56298.22630	56285.75000	503982.0	5410533.5
L3980.0	503982.0	5410534.5	41733.10156	280.51	0	48.847768	-86.945724	56306.19	56244.2	5.82	56312.01	56299.65625	56298.58429	56286.07031	503982.0	5410534.5
L3980.0	503982.0	5410535.5	41733.19922	280.73	0	48.847777	-86.945723	56306.62	56244.2	5.82	56312.44	56300.09766	56298.94208	56286.38281	503982.0	5410535.5
L3980.0	503982.0	5410536.4	41733.30078	280.16	0	48.847785	-86.945723	56307.05	56244.2	5.82	56312.87	56300.54297	56299.29837	56286.69922	503982.0	5410536.4
L3980.0	503982.0	5410536.4	41733.39844	279.89	0	48.847785	-86.945723	56307.70	56244.2	5.82	56313.51	56301.19922	56299.65232	56287.01172	503982.0	5410536.4
L3980.0	503982.0	5410537.7	41733.50000	281.44	0	48.847796	-86.945723	56307.85	56244.2	5.82	56313.66	56301.36328	56300.01364	56287.32813	503982.0	5410537.7
L3980.0	503982.0	5410538.7	41733.60156	279.35	0	48.847805	-86.945723	56307.57	56244.2	5.81	56313.38	56301.09766	56300.38800	56287.66016	503982.0	5410538.7
L3980.0	503982.0	5410538.7	41733.69922	279.03	0	48.847805	-86.945723	56308.20	56244.2	5.81	56314.01	56301.74609	56300.75227	56287.98438	503982.0	5410538.7
L3980.0	503982.0	5410539.6	41733.80078	279.22	0	48.847814	-86.945723	56308.18	56244.2	5.81	56313.99	56301.74219	56301.13678	56288.32422	503982.0	5410539.6
L3980.0	503982.0	5410540.5	41733.89844	278.57	0	48.847822	-86.945723	56308.84	56244.2	5.81	56314.65	56302.42188	56301.51477	56288.66016	503982.0	5410540.5
L3980.0	503982.0	5410540.5	41734.00000	277.22	0	48.847822	-86.945723	56308.94	56244.2	5.81	56314.75	56302.54297	56301.91561	56289.01563	503982.0	5410540.5
L3980.0	503982.1	5410541.3	41734.10156	276.33	0	48.847829	-86.945723	56309.25	56244.2	5.81	56315.06	56302.87109	56302.32162	56289.37891	503982.1	5410541.3
L3980.0	503982.1	5410542.1	41734.19922	278.57	0	48.847836	-86.945723	56309.43	56244.2	5.81	56315.24	56303.07031	56302.74032	56289.75391	503982.1	5410542.1
L3980.0	503982.1	5410543.0	41734.30078	279.45	0	48.847844	-86.945723	56309.66	56244.2	5.81	56315.47	56303.32031	56303.16764	56290.13672	503982.1	5410543.0
L3980.0	503982.1	5410543.0	41734.39844	278.64	0	48.847844	-86.945723	56309.96	56244.2	5.81	56315.77	56303.64453	56303.60267	56290.52734	503982.1	5410543.0
L3980.0	503982.1	5410543.8	41734.39844	278.64	0	48.847851	-86.945723	56310.06	56244.2	5.81	56315.87	56303.76563	56304.04675	56290.92578	503982.1	5410543.8
L3980.0	503982.1	5410544.7	41734.60156	279.81	0	48.847859	-86.945723	56310.48	56244.2	5.81	56316.29	56304.20703	56304.49557	56291.32813	503982.1	5410544.7
L3980.0	503982.0	5410545.4	41734.69922	280.08	0	48.847866	-86.945723	56310.63	56244.2	5.81	56316.43	56304.37109	56304.94857	56291.73828	503982.0	5410545.4
L3980.0	503982.0	5410545.4	41734.80078	279.78	0	48.847866	-86.945723	56311.32	56244.2	5.81	56317.13	56305.09375	56305.41207	56292.15625	503982.0	5410545.4
L3980.0	503982.0	5410546.4	41734.89844	278.91	0	48.847875	-86.945723	56311.29	56244.2	5.81	56317.10	56305.08984	56305.86574	56292.56250	503982.0	5410546.4
L3980.0	503982.0	5410546.4	41735.00000	279.34	0	48.847875	-86.945723	56311.42	56244.2	5.81	56317.23	56305.24609	56306.31915	56292.96875	503982.0	5410546.4
L3980.0	503982.0	5410547.2	41735.10156	281.05	0	48.847882	-86.945723	56311.63	56244.2	5.81	56317.43	56305.46875	56306.77065	56293.37500	503982.0	5410547.2
L3980.0	503982.0	5410548.0	41735.19922	281.14	0	48.847889	-86.945723	56311.80	56244.2	5.81	56317.61	56305.67578	56307.21555	56293.77344	503982.0	5410548.0
L3980.0	503982.0	5410548.6	41735.30078	282.87	0	48.847895	-86.945724	56312.41	56244.2	5.81	56318.22	56306.31250	56307.67972	56294.18750	503982.0	5410548.6
L3980.0	503982.0	5410549.5	41735.39844	283.93	0	48.847902	-86.945724	56312.37	56244.2	5.81	56318.18	56306.30078	56308.09787	56294.55859	503982.0	5410549.5
L3980.0	503982.0	5410549.5	41735.50000	284.08	0	48.847902	-86.945724	56312.39	56244.2	5.81	56318.20	56306.34766	56308.50764	56294.92188	503982.0	5410549.5
L3980.0	503982.0	5410550.1	41735.60156	284.14	0	48.847908	-86.945724	56312.11	56244.2	5.81	56317.92	56306.09375	56308.87909	56295.24219	503982.0	5410550.1
L3980.0	503982.0	5410550.8	41735.69922	283.89	0	48.847915	-86.945724	56312.37	56244.2	5.81	56318.18	56306.38281	56309.28317	56295.59766	503982.0	5410550.8
L3980.0	503982.0	5410550.8	41735.80078	282.24	0	48.847915	-86.945724	56312.08	56244.2	5.81	56317.89	56306.12109	56309.62166	56295.88672	503982.0	5410550.8
L3980.0	503982.0	5410551.7	41735.89844	281.81	0	48.847923	-86.945724	56312.44	56244.2	5.81	56318.25	56306.51172	56310.01311	56296.23047	503982.0	5410551.7
L3980.0	503982.0	5410552.5	41736.00000	279.91	0	48.847930	-86.945724	56312.70	56244.2	5.81	56318.50	56306.79297	56310.38637	56296.55469	503982.0	5410552.5
L3980.0	503982.0	5410553.1	41736.10156	279.72	0	48.847935	-86.945724	56312.77	56244.2	5.81	56318.58	56306.90234	56310.73275	56296.85156	503982.0	5410553.1
L3980.0	503982.0	5410553.1	41736.19922	280.04	0	48.847935	-86.945724	56313.67	56244.2	5.81	56319.48	56307.83203	56311.16932	56297.23828	503982.0	5410553.1
L3980.0	503982.0	5410553.7	41736.30078	282.73	0	48.847940	-86.945724	56313.71	56244.2	5.81	56319.52	56307.90234	56311.49885	56297.51563	503982.0	5410553.7
L3980.0	503982.0	5410554.3	41736.39844	285.87	0	48.847946	-86.945723	56314.28	56244.2	5.81	56320.08	56308.49609	56311.88899	56297.85547	503982.0	5410554.3
L3980.0	503982.0	5410555.0	41736.39844	285.87	0	48.847952	-86.945723	56313.95	56244.2	5.81	56319.75	56308.19531	56312.16138	56298.07422	503982.0	5410555.0
L3980.0	503982.0	5410555.0	41736.60156	286.60	0	48.847952	-86.945723	56314.00	56244.2	5.80	56319.80	56308.27734	56312.47937	56298.33984	503982.0	5410555.0
L3980.0	503982.0	5410555.6	41736.69922	283.27	0	48.847958	-86.945723	56314.10	56244.2	5.80	56319.90	56308.41016	56312.80155	56298.60938	503982.0	5410555.6
L3980.0	503982.0	5410555.6	41736.80078	281.36	0	48.847958	-86.945723	56314.25	56244.2	5.80	56320.06	56308.60547	56313.12998	56298.88672	503982.0	5410555.6
L3980.0	503982.0	5410556.2	41736.89844	278.90	0	48.847963	-86.945723	56314.07	56244.2	5.80	56319.88	56308.45703	56313.40669	56299.10938	503982.0	5410556.2
L3980.0	503982.0	5410556.7	41737.00000	281.63	0	48.847968	-86.945723	56314.64	56244.2	5.80	56320.44	56309.05078	56313.79160	56299.44141	503982.0	5410556.7
L3980.0	503982.1	5410557.3	41737.10156	280.27	0	48.847973	-86.945723	56314.71	56244.2	5.80	56320.51	56309.15625	56314.10138	56299.69922	503982.1	5410557.3
L3980.0	503982.1	5410557.3	41737.19922	281.95	0	48.847973	-86.945723	56314.25	56244.2	5.80	56320.05	56308.73047	56314.32283	56299.86719	503982.1	5410557.3
L3980.0	503982.1	5410557.8	41737.30078	282.23	0	48.847977	-86.945723	56314.45	56244.2	5.80	56320.25	56308.96484	56314.64547	56300.13281	503982.1	5410557.8
L3980.0	503982.1	5410558.2	41737.39844	283.21	0	48.847981	-86.945722	56314.40	56244.2	5.80	56320.20	56308.94922	56314.92379	56300.35547	503982.1	5410558.2
L3980.0	503982.1	5410558.2	41737.50000	283.48	0	48.847981	-86.945722	56314.71	56244.2	5.80	56320.51	56309.29297	56315.26048	56300.64063	503982.1	5410558.2
L3980.0	503982.1	5410558.6	41737.60156	283.80	0	48.847985	-86.945722	56314.96	56244.2	5.80	56320.76	56309.57813	56315.58540	56300.91016	503982.1	5410558.6
L3980.0	503982.1	5410559.1	41737.69922	284.06	0	48.847989	-86.945722	56314.68	56244.2	5.80	56320.48	56309.33203	56315.81219	56301.07813	503982.1	5410559.1
L3980.0	503982.1	5410559.6	41737.80078	286.29	0	48.847994	-86.945722	56314.73	56244.2	5.80	56320.53	56309.41797	56316.09487	56301.30469	503982.1	5410559.6
L3980.0	503982.1	5410559.9	41737.89844	284.67	0	48.847996	-86.945722	56314.64	56244.2	5.80	56320.44	56309.36719	56316.34830	56301.50391	503982.1	5410559.9
L3980.0	503982.1	5410559.9	41738.00000	283.73	0	48.847996	-86.945722	56314.69	56244.2	5.80	56320.49	56309.45313	56316.62550	56301.72266	503982.1	5410559.9
L3980.0	503982.1	5410560.3	41738.10156	283.33	0	48.848000	-86.945722	56314.38	56244.2	5.80	56320.18	56309.17969	56316.82940	56301.87109	503982.1	5410560.3
L3980.0	503982.1	5410560.7	41738.19922	284.99	0	48.848004	-86.945722	56314.30	56244.2	5.80	56320.10	56309.13281	56317.07485	56302.05859	503982.1	5410560.7
L3980.0	503982.1	5410561.0	41738.30078	286.77	0	48.848006	-86.945722	56314.36	56244.2	5.80	56320.16	56309.23047	56317.34654	56302.26953	503982.1	5410561.0
L3980.0	503982.1	5410561.0	41738.39844	284.74	0	48.848006	-86.945722	56314.54	56244.2	5.80	56320.34	56309.44922	56317.64150	56302.50781	503982.1	5410561.0
L3980.0	503982.1	5410561.3	41738.39844	284.74	0	48.848009	-86.945722	56314.91	56244.2	5.80	56320.72	56309.86328	56317.97734	56302.78516	503982.1	5410561.3
L3980.0	503982.1	5410561.3	41738.60156	282.98	0	48.848009	-86.945722	56314.82	56244.2	5.81	56320.62	56309.80078	56318.20925	56302.95703	503982.1	5410561.3
L3980.0	503982.1	5410561.6	41738.69922	281.94	0	48.848012	-86.945723	56314.64	56244.2	5.81	56320.44	56309.66016	56318.42049	56303.10938	503982.1	5410561.6
L3980.0	503982.0	5410561.9	41738.80078	280.02	0	48.848014	-86.945723	56314.28	56244.2	5.81	56320.08	56309.33594	56318.58926	56303.21875	503982.0	5410561.9
L3980.0	503982.0	5410562.1	41738.89844	279.13	0	48.848016	-86.945723	56314.51	56244.2	5.81	56320.32	56309.61719	56318.88776	56303.45703	503982.0	5410562.1
L3980.0	503982.0	5410562.1	41739.00000	279.01	0	48.848016	-86.945723	56314.64	56244.2	5.81	56320.45	56309.78516	56319.16196	56303.67188	503982.0	5410562.1
L3980.0	503982.0	5410562.2	41739.10156	282.21	0	48.848017	-86.945724	56315.24	56244.2	5.81	56321.05	56310.42188	56319.53926	56303.98828	503982.0	5410562.2
L3980.0	503982.0	5410562.3	41739.19922	284.38	0	48.848018	-86.945724	56315.33	56244.2	5.81	56321.14	56310.55078	56319.80492	56304.19531	503982.0	5410562.3
L3980.0	503982.0	5410562.3	41739.30078	283.68	0	48.848018	-86.945724	56315.50	56244.2	5.81	56321.30	56310.74609	56320.08667	56304.41406	503982.0	5410562.3
L3980.0	503981.9	5410562.4	41739.39844	283.34	0	48.848019	-86.945724	56315.99	56244.2	5.81	56321.79	56311.27734	56320.44045	56304.70703	503981.9	5410562.4
L3980.0	503981.9	5410562.5	41739.50000	285.19	0	48.848020	-86.945725	56316.19	56244.2	5.81	56321.99	56311.51563	56320.73272	56304.93750	503981.9	5410562.5
L3980.0	503981.9	5410562.5	41739.60156	285.79	0	48.848020	-86.945725	56317.08	56244.2	5.80	56322.89	56312.45313	56321.17333	56305.32031	503981.9	5410562.5
L3980.0	503981.9	5410562.6	41739.69922	285.81	0	48.848020	-86.945725	56317.26	56244.2	5.80	56323.07	56312.67188	56321.46301	56305.54688	503981.9	5410562.6
L3980.0	503981.8	5410562.7	41739.80078	285.42	0	48.848021	-86.945726	56317.77	56244.2	5.80	56323.58	56313.21875	56321.82172	56305.84375	503981.8	5410562.7
L3980.0	503981.8	5410562.8	41739.89844	286.16	0	48.848022	-86.945726	56317.29	56244.2	5.80	56323.09	56312.76953	56321.98102	56305.94141	503981.8	5410562.8
L3980.0	503981.8	5410562.8	41740.00000	284.28	0	48.848022	-86.945726	56316.91	56244.2	5.80	56322.71	56312.42969	56322.16984	56306.06641	503981.8	5410562.8
L3980.0	503981.8	5410562.9	41740.10156	282.52	0	48.848024	-86.945726	56316.40	56244.2	5.80	56322.20	56311.95703	56322.34207	56306.17578	503981.8	5410562.9
L3980.0	503981.8	5410563.1	41740.19922	280.19	0	48.848025	-86.945726	56316.29	56244.2	5.80	56322.09	56311.88672	56322.59909	56306.37109	503981.8	5410563.1
L3980.0	503981.8	5410563.3	41740.30078	280.47	0	48.848027	-86.945726	56316.49	56244.2	5.80	56322.29	56312.12500	56322.91946	56306.62891	503981.8	5410563.3
L3980.0	503981.8	5410563.3	41740.39844	282.18	0	48.848027	-86.945726	56316.55	56244.2	5.80	56322.35	56312.22266	56323.21993	56306.86719	503981.8	5410563.3
L3980.0	503981.8	5410563.5	41740.39844	282.18	0	48.848029	-86.945726	56316.73	56244.2	5.80	56322.53	56312.44531	56323.54711	56307.12891	503981.8	5410563.5
L3980.0	503981.8	5410563.8	41740.60156	284.67	0	48.848031	-86.945726	56316.14	56244.2	5.80	56321.95	56311.90234	56323.75578	56307.27734	503981.8	5410563.8
L3980.0	503981.8	5410564.0	41740.69922	259.48	0	48.848033	-86.945726	56316.57	56244.2	5.80	56322.37	56312.36328	56324.13597	56307.59375	503981.8	5410564.0
L3980.0	503981.8	5410564.2	41740.80078	255.86	0	48.848035	-86.945726	56316.38	56244.2	5.80	56322.18	56312.21094	56324.42670	56307.82031	503981.8	5410564.2
L3980.0	503981.8	5410564.2	41740.89844	281.47	0	48.848035	-86.945726	56316.35	56244.2	5.80	56322.15	56312.22266	56324.75042	56308.08203	503981.8	5410564.2

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L3980.0	503981.8	5410564.5	41741.00000	282.77	0	48.848037	-86.945726	56316.08	56244.2	5.80	56321.88	56311.98828	56325.04817	56308.31641	503981.8	5410564.5
L3980.0	503981.8	5410564.7	41741.10156	282.26	0	48.848040	-86.945726	56316.17	56244.2	5.80	56321.97	56312.12109	56325.40409	56308.60547	503981.8	5410564.7
L3980.0	503981.8	5410564.7	41741.19922	282.49	0	48.848040	-86.945726	56316.08	56244.2	5.80	56321.88	56312.07031	56325.74250	56308.88281	503981.8	5410564.7
L3980.0	503981.8	5410565.0	41741.30078	282.82	0	48.848042	-86.945726	56315.40	56244.2	5.80	56321.21	56311.43750	56326.01506	56309.08984	503981.8	5410565.0
L3980.0	503981.8	5410565.2	41741.39844	282.12	0	48.848044	-86.945726	56315.66	56244.2	5.80	56321.46	56311.72656	56326.41091	56309.42188	503981.8	5410565.2
L4025.0	504021.3	5411456.4	77637.60156	314.62	0	48.856061	-86.945179	56264.28	56247.5	2.50	56266.78	56265.61328	56263.89842	56270.92969	504021.3	5411456.4
L4025.0	504021.4	5411456.0	77637.70313	313.35	0	48.856057	-86.945177	56264.41	56247.5	2.50	56266.91	56265.71875	56265.43971	56272.40234	504021.4	5411456.0
L4025.0	504021.6	5411455.5	77637.79688	313.40	0	48.856053	-86.945175	56264.28	56247.5	2.50	56266.77	56265.55469	56260.88815	56267.78125	504021.6	5411455.5
L4025.0	504021.7	5411455.0	77637.89844	314.83	0	48.856048	-86.945173	56264.97	56247.5	2.49	56267.47	56266.23047	56275.56185	56282.38672	504021.7	5411455.0
L4025.0	504021.9	5411454.5	77638.00000	319.49	0	48.856044	-86.945171	56265.48	56247.5	2.49	56267.97	56266.70703	56285.78899	56292.54688	504021.9	5411454.5
L4025.0	504021.9	5411454.5	77638.10156	317.14	0	48.856044	-86.945171	56265.64	56247.5	2.49	56268.13	56266.84375	56288.28745	56294.97266	504021.9	5411454.5
L4025.0	504022.0	5411454.1	77638.20313	318.04	0	48.856040	-86.945169	56265.28	56247.5	2.50	56267.77	56266.46094	56278.87041	56285.48828	504022.0	5411454.1
L4025.0	504022.2	5411453.5	77638.20313	318.04	0	48.856035	-86.945167	56265.43	56247.5	2.50	56267.93	56266.59766	56281.43808	56287.98438	504022.2	5411453.5
L4025.0	504022.2	5411453.5	77638.39844	315.87	0	48.856035	-86.945167	56265.07	56247.5	2.50	56267.57	56266.21484	56272.13115	56278.60938	504022.2	5411453.5
L4025.0	504022.3	5411453.0	77638.50000	314.79	0	48.856030	-86.945165	56264.80	56247.5	2.50	56267.30	56265.91797	56264.98457	56271.39453	504022.3	5411453.0
L4025.0	504022.5	5411452.2	77638.60156	315.73	0	48.856023	-86.945163	56265.82	56247.5	2.51	56268.32	56266.91797	56287.29581	56293.63672	504022.5	5411452.2
L4025.0	504022.6	5411451.6	77638.70313	313.08	0	48.856018	-86.945162	56265.58	56247.5	2.51	56268.09	56266.66406	56281.16872	56287.44141	504022.6	5411451.6
L4025.0	504022.6	5411451.6	77638.79688	314.36	0	48.856018	-86.945162	56265.25	56247.5	2.51	56267.77	56266.32031	56273.11354	56279.31641	504022.6	5411451.6
L4025.0	504022.6	5411451.2	77638.89844	316.22	0	48.856014	-86.945161	56265.76	56247.5	2.52	56268.28	56266.80469	56283.87122	56290.00391	504022.6	5411451.2
L4025.0	504022.7	5411450.5	77639.00000	317.17	0	48.856008	-86.945160	56265.99	56247.5	2.52	56268.51	56267.01172	56288.35847	56294.42578	504022.7	5411450.5
L4025.0	504022.8	5411449.8	77639.10156	316.96	0	48.856001	-86.945158	56265.99	56247.5	2.52	56268.51	56266.98828	56287.75007	56293.74609	504022.8	5411449.8
L4025.0	504022.8	5411449.8	77639.20313	316.69	0	48.856001	-86.945158	56265.33	56247.5	2.52	56267.86	56266.31641	56272.58404	56278.51172	504022.8	5411449.8
L4025.0	504022.9	5411449.2	77639.29688	314.02	0	48.855996	-86.945158	56265.12	56247.5	2.53	56267.65	56266.08203	56267.35115	56273.20703	504022.9	5411449.2
L4025.0	504022.9	5411448.5	77639.39844	312.62	0	48.855990	-86.945157	56265.28	56247.5	2.53	56267.81	56266.21875	56270.53842	56276.32813	504022.9	5411448.5
L4025.0	504022.9	5411448.5	77639.50000	313.02	0	48.855990	-86.945157	56265.36	56247.5	2.53	56267.89	56266.27734	56271.98942	56277.71094	504022.9	5411448.5
L4025.0	504022.9	5411447.8	77639.60156	311.86	0	48.855983	-86.945157	56265.28	56247.5	2.53	56267.81	56266.17188	56269.82635	56275.47656	504022.9	5411447.8
L4025.0	504022.9	5411447.0	77639.70313	311.79	0	48.855977	-86.945156	56265.84	56247.5	2.53	56268.37	56266.70703	56282.57255	56288.15625	504022.9	5411447.0
L4025.0	504022.9	5411447.0	77639.79688	312.70	0	48.855977	-86.945156	56265.48	56247.5	2.54	56268.02	56266.33594	56274.24223	56279.75391	504022.9	5411447.0
L4025.0	504023.0	5411446.4	77639.89844	313.50	0	48.855970	-86.945156	56265.54	56247.5	2.54	56268.07	56266.36328	56275.29229	56280.73828	504023.0	5411446.4
L4025.0	504023.0	5411445.6	77640.00000	314.73	0	48.855963	-86.945156	56265.04	56247.5	2.54	56267.58	56265.84766	56263.53043	56268.90625	504023.0	5411445.6
L4025.0	504022.9	5411444.6	77640.10156	315.40	0	48.855955	-86.945156	56264.64	56247.5	2.54	56267.18	56265.42578	56253.79930	56259.10547	504022.9	5411444.6
L4025.0	504022.9	5411443.9	77640.20313	318.31	0	48.855948	-86.945156	56265.31	56247.5	2.54	56267.84	56266.06250	56269.70063	56274.93750	504022.9	5411443.9
L4025.0	504022.9	5411443.9	77640.20313	318.31	0	48.855948	-86.945156	56265.13	56247.5	2.54	56267.67	56265.87109	56265.63595	56270.80469	504022.9	5411443.9
L4025.0	504022.9	5411443.1	77640.39844	318.66	0	48.855941	-86.945157	56264.71	56247.5	2.54	56267.25	56265.42578	56255.45060	56260.55078	504022.9	5411443.1
L4025.0	504022.9	5411442.2	77640.50000	318.68	0	48.855933	-86.945157	56264.54	56247.5	2.54	56267.07	56265.22266	56251.16868	56256.19922	504022.9	5411442.2
L4025.0	504022.9	5411442.2	77640.60156	320.49	0	48.855933	-86.945157	56265.02	56247.5	2.53	56267.55	56265.68359	56263.35701	56268.32031	504022.9	5411442.2
L4025.0	504022.8	5411441.2	77640.70313	321.13	0	48.855924	-86.945158	56265.56	56247.5	2.53	56268.09	56266.19922	56277.27965	56282.17188	504022.8	5411441.2
L4025.0	504022.8	5411440.2	77640.79688	319.32	0	48.855915	-86.945159	56265.94	56247.5	2.53	56268.47	56266.55469	56287.42662	56292.25000	504022.8	5411440.2
L4025.0	504022.8	5411440.2	77640.89844	318.70	0	48.855915	-86.945159	56265.64	56247.5	2.53	56268.17	56266.23438	56280.63878	56285.39453	504022.8	5411440.2
L4025.0	504022.7	5411439.4	77641.00000	318.04	0	48.855908	-86.945159	56265.56	56247.5	2.53	56268.09	56266.12891	56279.49583	56284.18359	504022.7	5411439.4
L4025.0	504022.7	5411438.7	77641.10156	316.37	0	48.855901	-86.945160	56265.48	56247.5	2.53	56268.01	56266.02734	56278.49032	56283.10938	504022.7	5411438.7
L4025.0	504022.6	5411437.6	77641.20313	316.12	0	48.855892	-86.945161	56265.13	56247.5	2.53	56267.66	56265.65625	56270.78053	56275.32813	504022.6	5411437.6
L4025.0	504022.6	5411437.6	77641.29688	315.43	0	48.855892	-86.945161	56265.25	56247.5	2.53	56267.78	56265.75391	56275.17370	56279.65234	504022.6	5411437.6
L4025.0	504022.6	5411436.9	77641.39844	314.27	0	48.855885	-86.945161	56265.17	56247.5	2.53	56267.70	56265.65234	56274.67638	56279.08984	504022.6	5411436.9
L4025.0	504022.6	5411436.9	77641.50000	315.49	0	48.855885	-86.945161	56265.33	56247.5	2.53	56267.86	56265.78906	56280.49214	56284.83594	504022.6	5411436.9
L4025.0	504022.5	5411435.8	77641.60156	313.78	0	48.855875	-86.945162	56265.18	56247.5	2.53	56267.71	56265.61719	56278.64145	56282.91406	504022.5	5411435.8
L4025.0	504022.5	5411434.8	77641.70313	315.72	0	48.855867	-86.945163	56265.07	56247.5	2.53	56267.60	56265.48438	56278.04747	56282.25000	504022.5	5411434.8
L4025.0	504022.4	5411434.0	77641.79688	315.27	0	48.855859	-86.945164	56264.89	56247.5	2.53	56267.42	56265.28125	56275.92550	56280.06250	504022.4	5411434.0
L4025.0	504022.4	5411434.0	77641.89844	315.72	0	48.855859	-86.945164	56264.90	56247.5	2.53	56267.43	56265.26953	56278.92007	56282.98828	504022.4	5411434.0
L4025.0	504022.3	5411432.0	77642.00000	313.07	0	48.855842	-86.945166	56264.92	56247.5	2.53	56267.45	56265.26953	56282.47173	56286.46875	504022.3	5411432.0
L4025.0	504022.3	5411432.0	77642.10156	313.35	0	48.855842	-86.945166	56264.73	56247.5	2.53	56267.26	56265.05469	56280.96687	56284.89453	504022.3	5411432.0
L4025.0	504022.2	5411431.0	77642.20313	314.57	0	48.855832	-86.945166	56264.67	56247.5	2.53	56267.20	56264.97266	56283.12602	56286.98438	504022.2	5411431.0
L4025.0	504022.2	5411431.0	77642.20313	314.57	0	48.855832	-86.945166	56264.44	56247.5	2.53	56266.97	56264.72266	56281.24958	56285.03906	504022.2	5411431.0
L4025.0	504022.1	5411430.1	77642.39844	317.79	0	48.855824	-86.945168	56264.54	56247.5	2.53	56267.07	56264.80078	56288.29272	56292.01563	504022.1	5411430.1
L4025.0	504022.1	5411429.0	77642.50000	319.17	0	48.855814	-86.945169	56264.44	56247.5	2.54	56266.97	56264.67969	56290.54133	56294.19531	504022.1	5411429.0
L4025.0	504022.1	5411429.0	77642.60156	318.66	0	48.855814	-86.945169	56264.25	56247.5	2.54	56266.79	56264.47656	56293.06769	56296.65234	504022.1	5411429.0
L4025.0	504022.0	5411428.1	77642.70313	319.23	0	48.855806	-86.945170	56264.32	56247.5	2.54	56266.85	56264.51563	56297.80722	56301.32031	504022.0	5411428.1
L4025.0	504021.9	5411427.2	77642.79688	318.89	0	48.855798	-86.945171	56263.84	56247.5	2.54	56266.38	56264.02734	56293.88228	56297.32813	504021.9	5411427.2
L4025.0	504021.9	5411427.2	77642.89844	318.28	0	48.855798	-86.945171	56263.90	56247.5	2.54	56266.44	56264.06641	56299.00481	56302.37891	504021.9	5411427.2
L4025.0	504021.9	5411426.3	77643.00000	318.58	0	48.855790	-86.945172	56262.88	56247.5	2.54	56265.42	56263.02344	56286.08868	56289.39453	504021.9	5411426.3
L4025.0	504021.8	5411425.2	77643.10156	319.66	0	48.855780	-86.945173	56262.57	56247.5	2.54	56265.12	56262.70313	56285.45228	56288.68750	504021.8	5411425.2
L4025.0	504021.7	5411424.1	77643.20313	318.61	0	48.855770	-86.945173	56262.02	56247.5	2.54	56264.56	56262.12109	56280.57103	56283.73828	504021.7	5411424.1
L4025.0	504021.7	5411424.1	77643.29688	317.01	0	48.855770	-86.945173	56262.14	56247.5	2.55	56264.69	56262.23047	56287.55994	56290.65625	504021.7	5411424.1
L4025.0	504021.7	5411423.2	77643.39844	318.40	0	48.855762	-86.945174	56262.16	56247.5	2.55	56264.71	56262.23047	56292.85706	56295.88672	504021.7	5411423.2
L4025.0	504021.6	5411422.1	77643.50000	318.02	0	48.855752	-86.945175	56262.02	56247.4	2.55	56264.57	56262.07031	56295.61200	56298.57031	504021.6	5411422.1
L4025.0	504021.6	5411421.1	77643.60156	320.21	0	48.855743	-86.945175	56261.47	56247.4	2.55	56264.02	56261.50000	56291.60337	56294.49219	504021.6	5411421.1
L4025.0	504021.6	5411421.1	77643.70313	319.06	0	48.855743	-86.945175	56260.77	56247.4	2.55	56263.32	56260.78125	56285.25900	56288.07813	504021.6	5411421.1
L4025.0	504021.6	5411420.1	77643.79688	318.67	0	48.855735	-86.945175	56259.78	56247.4	2.56	56262.34	56259.78125	56274.41538	56277.16406	504021.6	5411420.1
L4025.0	504021.6	5411418.8	77643.89844	317.73	0	48.855722	-86.945175	56259.08	56247.4	2.56	56261.64	56259.06250	56268.51946	56271.19922	504021.6	5411418.8
L4025.0	504021.6	5411418.8	77644.00000	316.12	0	48.855722	-86.945175	56258.62	56247.4	2.56	56261.18	56258.58203	56266.86688	56269.47656	504021.6	5411418.8
L4025.0	504021.6	5411417.6	77644.10156	315.47	0	48.855712	-86.945175	56258.13	56247.4	2.56	56260.69	56258.07031	56264.91684	56267.45703	504021.6	5411417.6
L4025.0	504021.7	5411416.5	77644.20313	318.12	0	48.855702	-86.945174	56258.11	56247.4	2.56	56260.66	56258.02344	56270.81873	56273.28516	504021.7	5411416.5
L4025.0	504021.7	5411416.5	77644.20313	318.12	0	48.855702	-86.945174	56257.98	56247.4	2.56	56260.53	56257.87109	56275.21450	56277.61328	504021.7	5411416.5
L4025.0	504021.7	5411415.5	77644.39844	317.27	0	48.855693	-86.945173	56257.48	56247.4	2.56	56260.03	56257.35547	56273.66280	56275.98828	504021.7	5411415.5
L4025.0	504021.8	5411414.4	77644.50000	313.41	0	48.855683	-86.945172	56257.00	56247.4	2.56	56259.56	56256.86328	56270.45962	56272.71484	504021.8	5411414.4
L4025.0	504021.8	5411414.4	77644.60156	317.56	0	48.855683	-86.945172	56256.50	56247.4	2.55	56259.05	56256.33594	56269.48465	56271.67188	504021.8	5411414.4
L4025.0	504022.0	5411412.9	77644.70313	318.32	0	48.855670	-86.945170	56255.89	56247.4	2.55	56258.44	56255.70703	56266.21276	56268.32813	504022.0	5411412.9
L4025.0	504022.1	5411411.9	77644.79688	319.47	0	48.855661	-86.945169	56254.74	56247.4	2.55	56257.29	56254.53906	56249.28737	56251.33203	504022.1	5411411.9
L4025.0	504022.2	5411411.1	77644.89844	316.75	0	48.855653	-86.945168	56254.74	56247.4	2.55	56257.29	56254.51953	56262.36775	56264.33984	504022.2	5411411.1
L4025.0	504022.2	5411411.1	77645.00000	318.02	0	48.855653	-86.945168	56254.23	56247.4	2.55	56256.78	56253.99219	56262.52740	56264.42969	504022.2	5411411.1
L4025.0	504022.3	5411409.9	77645.10156	317.79	0	48.855642	-86.945166	56253.87	56247.4	2.55	56256.42	56253.61328	56266.77792	56268.60938	504022.3	5411409.9
L4025.0	504022.3	5411409.9	77645.20313	317.89	0	48.855642	-86.945166	56253.59	56247.4	2.56	56256.15	56253.32813	56273.54931	56275.30859	504022.3	5411409.9
L4025.0	504022.5	5411408.4	77645.29688	314.97	0	48.855629	-86.945163	56252.89	56247.4	2.56	56255.45	56252.60938	56269.57278	56271.26172	504022.5	5411408.4
L4025.0	504022.6	5411407.3	77645.39844	314.09	0	48.855619	-86.945161	56251.65	56247.4	2.56	56254.21	56251.35156	56252.10594	56253.72266	504022.6	5411407.3
L4025.0	504022.7	5411406.4	77645.50000	315.34	0	48.855611	-86.945160	56250.84	56247.4	2.57	56253.40	56250.52344	56245.83397	56247.37891	504022.7	5411406.4
L4025.0	504022.7	5411406.4	77645.60156	315.19	0	48.855611	-86.945160	56250.37	56247.4	2.57	56252.93	56250.03906	56248.42409	56249.89844	504022.7	5411406.4
L4025.0	504022.9	5411405.2	77645.70313	314.27	0	48.855601	-86.945158	56250.07	56247.4	2.57	56252.65	56249.74219	56256.06621	56257.46875	504022.9	5411405.2
L4025.0	504023.0	5411404.3	77645.79688	315.92	0	48.855593	-86.945156	56249.66	56247.4	2.57	56252.23	56249.30469	56260.38161	56261.71094	504023.0	5411404.3
L4025.0	504023.1	5411403.2	77645.89844	315.66	0	48.855582	-86.945155	56249.45	56247.4	2.58	56252.03	56249.08984	56270.58241	56271.84375	504023.1	5411403.2
L4025.0	504023.1	5411403.2	77646.00000	315.77	0	48.855582	-86.945155	56248.98	56247.4	2.58	56251.56	56248.60156	56274.15999	56275.34766	504023.1	5411403.2
L4025.0	504023.3	5411401.6	77646.10156	317.22	0	48.855567	-86.945152	56248.14	56247.4	2.58	56250.73	56247.75781	56268.70143	56269.81641	504023.3	5411401.6
L4025.0	504023.4	5411400.3	77646.20313	315.19	0	48.855556	-86.945151	56247.57	56247.4	2.58	56250.15	56247.16016	56269.92922	56270.97266	504023.4	5411400.3
L4025.0	504023.5	5411399.3	77646.20313	315.19	0	48.855547	-86.945150	56246.44	56247.4	2.58	56249.02	56246.01563	56256.15396	56257.12500	504023.5	5411399.3

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4025.0	504023.6	5411398.1	77646.39844	315.04	0	48.855537	-86.945149	56245.98	56247.4	2.58	56248.56	56245.53906	56259.07967	56259.98047	504023.6	5411398.1
L4025.0	504023.6	5411398.1	77646.50000	316.83	0	48.855537	-86.945149	56244.74	56247.4	2.58	56247.32	56244.28516	56249.10727	56249.93750	504023.6	5411398.1
L4025.0	504023.6	5411397.0	77646.60156	319.46	0	48.855526	-86.945147	56244.24	56247.4	2.59	56246.83	56243.78125	56251.87259	56252.62891	504023.6	5411397.0
L4025.0	504023.6	5411397.0	77646.70313	317.70	0	48.855526	-86.945147	56243.77	56247.4	2.59	56246.36	56243.29688	56255.21366	56255.89844	504023.6	5411397.0
L4025.0	504023.7	5411395.5	77646.79688	317.97	0	48.855513	-86.945146	56243.31	56247.4	2.59	56245.89	56242.81250	56258.79657	56259.41016	504023.7	5411395.5
L4025.0	504023.8	5411394.2	77646.89844	319.62	0	48.855502	-86.945145	56242.34	56247.4	2.59	56244.93	56241.83594	56254.02773	56254.57031	504023.8	5411394.2
L4025.0	504023.8	5411394.2	77647.00000	317.83	0	48.855502	-86.945145	56241.34	56247.4	2.59	56243.93	56240.82422	56248.61941	56249.08984	504023.8	5411394.2
L4025.0	504023.9	5411392.6	77647.10156	319.61	0	48.855487	-86.945144	56240.65	56247.4	2.59	56243.24	56240.12109	56248.80946	56249.21094	504023.9	5411392.6
L4025.0	504023.9	5411391.4	77647.20313	320.56	0	48.855476	-86.945144	56239.94	56247.4	2.59	56242.53	56239.39844	56248.79846	56249.12891	504023.9	5411391.4
L4025.0	504023.9	5411391.4	77647.29688	321.83	0	48.855476	-86.945144	56239.13	56247.4	2.59	56241.71	56238.56250	56246.94114	56247.19922	504023.9	5411391.4
L4025.0	504024.0	5411390.2	77647.39844	321.81	0	48.855465	-86.945143	56238.14	56247.4	2.59	56240.73	56237.57031	56242.28246	56242.46875	504024.0	5411390.2
L4025.0	504024.0	5411388.9	77647.50000	321.30	0	48.855453	-86.945142	56237.54	56247.4	2.58	56240.12	56236.94922	56244.50451	56244.62109	504024.0	5411388.9
L4025.0	504024.0	5411388.9	77647.60156	321.11	0	48.855453	-86.945142	56236.67	56247.4	2.58	56239.26	56236.07813	56242.27423	56242.32031	504024.0	5411388.9
L4025.0	504024.1	5411387.5	77647.70313	321.68	0	48.855441	-86.945142	56235.84	56247.4	2.58	56238.42	56235.22656	56240.52699	56240.50391	504024.1	5411387.5
L4025.0	504024.1	5411386.6	77647.79688	319.95	0	48.855433	-86.945141	56235.01	56247.4	2.58	56237.59	56234.38281	56239.07971	56238.98828	504024.1	5411386.6
L4025.0	504024.1	5411385.4	77647.89844	317.52	0	48.855422	-86.945141	56234.04	56247.4	2.58	56236.62	56233.40234	56235.15445	56234.99219	504024.1	5411385.4
L4025.0	504024.1	5411384.1	77648.00000	318.03	0	48.855410	-86.945141	56233.29	56247.4	2.58	56235.87	56232.64063	56235.41059	56235.17969	504024.1	5411384.1
L4025.0	504024.1	5411384.1	77648.10156	318.40	0	48.855410	-86.945141	56232.39	56247.4	2.58	56234.97	56231.73047	56232.99989	56232.69922	504024.1	5411384.1
L4025.0	504024.2	5411382.8	77648.20313	316.96	0	48.855399	-86.945140	56231.52	56247.4	2.58	56234.09	56230.83984	56231.06435	56230.69922	504024.2	5411382.8
L4025.0	504024.2	5411382.8	77648.20313	316.96	0	48.855399	-86.945140	56230.74	56247.4	2.58	56233.31	56230.05078	56231.06219	56230.62891	504024.2	5411382.8
L4025.0	504024.2	5411381.0	77648.39844	320.07	0	48.855383	-86.945140	56230.14	56247.4	2.57	56232.71	56229.44141	56234.42042	56233.91797	504024.2	5411381.0
L4025.0	504024.2	5411380.0	77648.50000	321.57	0	48.855373	-86.945140	56229.68	56247.4	2.57	56232.25	56228.97266	56240.34916	56239.78125	504024.2	5411380.0
L4025.0	504024.2	5411378.8	77648.60156	320.52	0	48.855362	-86.945140	56228.84	56247.4	2.57	56231.40	56228.11328	56239.23384	56238.60156	504024.2	5411378.8
L4025.0	504024.2	5411378.8	77648.70313	320.91	0	48.855362	-86.945140	56227.69	56247.4	2.57	56230.25	56226.95313	56232.80738	56232.10938	504024.2	5411378.8
L4025.0	504024.2	5411377.4	77648.79688	319.54	0	48.855350	-86.945140	56226.79	56247.4	2.56	56229.35	56226.04297	56230.95445	56230.19141	504024.2	5411377.4
L4025.0	504024.2	5411376.1	77648.89844	319.04	0	48.855339	-86.945140	56226.00	56247.4	2.56	56228.56	56225.24609	56231.10481	56230.27734	504024.2	5411376.1
L4025.0	504024.2	5411374.8	77649.00000	317.71	0	48.855326	-86.945140	56225.19	56247.4	2.56	56227.75	56224.42969	56230.92967	56230.03906	504024.2	5411374.8
L4025.0	504024.2	5411374.8	77649.10156	316.92	0	48.855326	-86.945140	56224.22	56247.4	2.56	56226.78	56223.44922	56227.98774	56227.03516	504024.2	5411374.8
L4025.0	504024.2	5411373.3	77649.20313	318.58	0	48.855314	-86.945140	56223.52	56247.4	2.56	56226.09	56222.75391	56229.94800	56228.93359	504024.2	5411373.3
L4025.0	504024.2	5411373.3	77649.29688	317.73	0	48.855314	-86.945140	56222.16	56247.4	2.57	56224.73	56221.38672	56220.34903	56219.27344	504024.2	5411373.3
L4025.0	504024.2	5411371.9	77649.39844	318.90	0	48.855301	-86.945140	56221.36	56247.4	2.57	56223.93	56220.58203	56220.44899	56219.31250	504024.2	5411371.9
L4025.0	504024.2	5411370.7	77649.50000	319.44	0	48.855290	-86.945140	56220.38	56247.4	2.57	56222.95	56219.59375	56217.46594	56216.26953	504024.2	5411370.7
L4025.0	504024.2	5411370.7	77649.60156	318.15	0	48.855290	-86.945140	56219.27	56247.4	2.57	56221.84	56218.48047	56212.27757	56211.02344	504024.2	5411370.7
L4025.0	504024.2	5411369.2	77649.70313	318.20	0	48.855276	-86.945140	56218.44	56247.4	2.57	56221.01	56217.64453	56211.84082	56210.53125	504024.2	5411369.2
L4025.0	504024.2	5411368.0	77649.79688	316.75	0	48.855265	-86.945140	56217.63	56247.4	2.58	56220.21	56216.83984	56211.87841	56210.51172	504024.2	5411368.0
L4025.0	504024.2	5411366.4	77649.89844	315.90	0	48.855251	-86.945140	56216.99	56247.4	2.58	56219.57	56216.19141	56214.57902	56213.15625	504024.2	5411366.4
L4025.0	504024.2	5411366.4	77650.00000	316.14	0	48.855251	-86.945140	56215.75	56247.4	2.58	56218.33	56214.94922	56207.09162	56205.61719	504024.2	5411366.4
L4025.0	504024.2	5411364.9	77650.10156	317.63	0	48.855238	-86.945140	56214.32	56247.4	2.58	56216.90	56213.51563	56196.33446	56194.80469	504024.2	5411364.9
L4025.0	504024.2	5411363.5	77650.20313	317.79	0	48.855225	-86.945140	56213.66	56247.4	2.58	56216.24	56212.85156	56198.51938	56196.93750	504024.2	5411363.5
L4025.0	504024.2	5411363.5	77650.20313	317.79	0	48.855225	-86.945140	56212.86	56247.4	2.58	56215.44	56212.04688	56198.26344	56196.63281	504024.2	5411363.5
L4025.0	504024.2	5411362.3	77650.39844	315.87	0	48.855214	-86.945140	56211.33	56247.4	2.58	56213.91	56210.51563	56185.52489	56183.84375	504024.2	5411362.3
L4025.0	504024.2	5411361.2	77650.50000	316.84	0	48.855204	-86.945140	56210.59	56247.4	2.58	56213.17	56209.77344	56186.09779	56184.36719	504024.2	5411361.2
L4025.0	504024.2	5411360.2	77650.60156	317.91	0	48.855195	-86.945140	56209.54	56247.4	2.58	56212.12	56208.71875	56181.28855	56179.51172	504024.2	5411360.2
L4025.0	504024.2	5411360.2	77650.70313	317.02	0	48.855195	-86.945140	56209.03	56247.4	2.58	56211.61	56208.20703	56185.60182	56183.78125	504024.2	5411360.2
L4025.0	504024.3	5411358.7	77650.79688	318.43	0	48.855182	-86.945139	56208.29	56247.4	2.58	56210.87	56207.46875	56185.88511	56184.01953	504024.3	5411358.7
L4025.0	504024.3	5411357.4	77650.89844	319.75	0	48.855170	-86.945139	56207.11	56247.4	2.58	56209.69	56206.28516	56178.49429	56176.58594	504024.3	5411357.4
L4025.0	504024.3	5411357.4	77651.00000	318.74	0	48.855170	-86.945139	56206.38	56247.4	2.58	56208.96	56205.55469	56178.70932	56176.75781	504024.3	5411357.4
L4025.0	504024.3	5411355.3	77651.10156	319.23	0	48.855152	-86.945139	56205.42	56247.4	2.58	56208.00	56204.59375	56174.83259	56172.83984	504024.3	5411355.3
L4025.0	504024.3	5411354.2	77651.20313	319.89	0	48.855142	-86.945139	56204.62	56247.4	2.58	56207.21	56203.80469	56173.74428	56171.71484	504024.3	5411354.2
L4025.0	504024.3	5411354.2	77651.29688	320.60	0	48.855142	-86.945139	56203.52	56247.4	2.59	56206.10	56202.69531	56166.97572	56164.90625	504024.3	5411354.2
L4025.0	504024.3	5411353.2	77651.39844	318.73	0	48.855132	-86.945139	56202.93	56247.4	2.59	56205.52	56202.11719	56169.20487	56167.10156	504024.3	5411353.2
L4025.0	504024.3	5411351.9	77651.50000	319.29	0	48.855121	-86.945139	56202.14	56247.4	2.59	56204.74	56201.33594	56167.80973	56165.66797	504024.3	5411351.9
L4025.0	504024.3	5411350.9	77651.60156	319.65	0	48.855112	-86.945139	56201.79	56247.4	2.59	56204.38	56200.98047	56173.50732	56171.33594	504024.3	5411350.9
L4025.0	504024.3	5411350.9	77651.70313	318.68	0	48.855112	-86.945139	56200.91	56247.4	2.59	56203.50	56200.10156	56170.02491	56167.82031	504024.3	5411350.9
L4025.0	504024.3	5411349.3	77651.79688	319.18	0	48.855098	-86.945139	56199.74	56247.4	2.60	56202.34	56198.94141	56161.51389	56159.28125	504024.3	5411349.3
L4025.0	504024.3	5411347.8	77651.89844	317.64	0	48.855084	-86.945139	56199.35	56247.4	2.60	56201.95	56198.55469	56166.11722	56163.85547	504024.3	5411347.8
L4025.0	504024.3	5411346.6	77652.00000	316.34	0	48.855073	-86.945139	56198.70	56247.4	2.60	56201.30	56197.91016	56166.01568	56163.72656	504024.3	5411346.6
L4025.0	504024.3	5411346.6	77652.10156	315.65	0	48.855073	-86.945139	56198.11	56247.4	2.60	56200.70	56197.31250	56166.55533	56164.23828	504024.3	5411346.6
L4025.0	504024.3	5411345.3	77652.20313	315.21	0	48.855061	-86.945140	56197.39	56247.4	2.59	56199.99	56196.60547	56164.97227	56162.63281	504024.3	5411345.3
L4025.0	504024.2	5411344.0	77652.20313	315.21	0	48.855050	-86.945140	56197.06	56247.4	2.59	56199.65	56196.26953	56169.49938	56167.14063	504024.2	5411344.0
L4025.0	504024.2	5411342.9	77652.39844	316.38	0	48.855040	-86.945140	56196.58	56247.4	2.59	56199.17	56195.79297	56171.36321	56168.98047	504024.2	5411342.9
L4025.0	504024.2	5411342.9	77652.50000	317.87	0	48.855040	-86.945140	56195.76	56247.4	2.58	56198.35	56194.97656	56167.16246	56164.76172	504024.2	5411342.9
L4025.0	504024.2	5411341.5	77652.60156	317.92	0	48.855027	-86.945140	56194.58	56247.4	2.58	56197.16	56193.79297	56156.43243	56154.01563	504024.2	5411341.5
L4025.0	504024.2	5411340.0	77652.70313	319.09	0	48.855014	-86.945141	56193.61	56247.4	2.58	56196.19	56192.82813	56149.22949	56146.79688	504024.2	5411340.0
L4025.0	504024.2	5411340.0	77652.79688	318.39	0	48.855014	-86.945141	56192.98	56247.4	2.58	56195.56	56192.20313	56147.53630	56145.08984	504024.2	5411340.0
L4025.0	504024.2	5411338.5	77652.89844	316.61	0	48.855000	-86.945141	56192.21	56247.4	2.57	56194.78	56191.42969	56143.03730	56140.57813	504024.2	5411338.5
L4025.0	504024.2	5411337.2	77653.00000	320.22	0	48.854988	-86.945141	56191.86	56247.4	2.57	56194.43	56191.08594	56145.47496	56143.00781	504024.2	5411337.2
L4025.0	504024.2	5411335.9	77653.10156	320.42	0	48.854976	-86.945141	56191.52	56247.4	2.57	56194.10	56190.76563	56147.91278	56145.43750	504024.2	5411335.9
L4025.0	504024.2	5411335.9	77653.20313	319.11	0	48.854976	-86.945141	56191.52	56247.4	2.57	56194.10	56190.77344	56155.50824	56153.02734	504024.2	5411335.9
L4025.0	504024.2	5411334.4	77653.29688	320.52	0	48.854963	-86.945141	56191.32	56247.4	2.58	56193.90	56190.57813	56159.40753	56156.92188	504024.2	5411334.4
L4025.0	504024.2	5411332.6	77653.39844	319.54	0	48.854948	-86.945141	56190.86	56247.4	2.58	56193.44	56190.12500	56158.63799	56156.14844	504024.2	5411332.6
L4025.0	504024.2	5411331.7	77653.50000	317.57	0	48.854939	-86.945141	56190.58	56247.4	2.58	56193.16	56189.85547	56160.52002	56158.02734	504024.2	5411331.7
L4025.0	504024.2	5411331.7	77653.60156	316.51	0	48.854939	-86.945141	56190.04	56247.4	2.58	56192.62	56189.32422	56157.74115	56155.25000	504024.2	5411331.7
L4025.0	504024.2	5411330.2	77653.70313	316.67	0	48.854926	-86.945141	56189.48	56247.4	2.58	56192.06	56188.77344	56154.28415	56151.79297	504024.2	5411330.2
L4025.0	504024.1	5411328.6	77653.79688	315.47	0	48.854911	-86.945141	56189.34	56247.4	2.59	56191.93	56188.65234	56157.59706	56155.11328	504024.1	5411328.6
L4025.0	504024.1	5411328.6	77653.89844	316.99	0	48.854911	-86.945141	56189.50	56247.4	2.59	56192.09	56188.82031	56165.36151	56162.88281	504024.1	5411328.6
L4025.0	504024.1	5411327.3	77654.00000	316.54	0	48.854899	-86.945142	56188.38	56247.4	2.59	56190.97	56187.71094	56151.53994	56149.06641	504024.1	5411327.3
L4025.0	504024.1	5411326.2	77654.10156	316.00	0	48.854889	-86.945142	56188.18	56247.4	2.59	56190.77	56187.51953	56152.61366	56150.14844	504024.1	5411326.2
L4025.0	504024.1	5411326.2	77654.20313	316.43	0	48.854889	-86.945142	56187.74	56247.4	2.59	56190.33	56187.08984	56149.33104	56146.87891	504024.1	5411326.2
L4025.0	504024.1	5411324.4	77654.20313	316.43	0	48.854873	-86.945142	56187.37	56247.4	2.59	56189.96	56186.73047	56146.83381	56144.39453	504024.1	5411324.4
L4025.0	504024.1	5411323.2	77654.39844	317.42	0	48.854863	-86.945143	56186.75	56247.4	2.59	56189.34	56186.12109	56139.78049	56137.35156	504024.1	5411323.2
L4025.0	504024.1	5411323.2	77654.50000	317.09	0	48.854863	-86.945143	56186.48	56247.4	2.60	56189.07	56185.86328	56138.17609	56135.76172	504024.1	5411323.2
L4025.0	504024.0	5411321.9	77654.60156	317.34	0	48.854851	-86.945143	56186.24	56247.4	2.60	56188.83	56185.63281	56136.69541	56134.30078	504024.0	5411321.9
L4025.0	504024.0	5411320.3	77654.70313	314.54	0	48.854836	-86.945143	56186.21	56247.4	2.60	56188.81	56185.62500	56138.53531	56136.16016	504024.0	5411320.3
L4025.0	504024.0	5411318.9	77654.79688	317.72	0	48.854823	-86.945144	56186.49	56247.4	2.60	56189.09	56185.91797	56145.06488	56142.71094	504024.0	5411318.9
L4025.0	504024.0	5411318.9	77654.89844	319.27	0	48.854823	-86.945144	56186.86	56247.4	2.60	56189.46	56186.30078	56152.77022	56150.43750	504024.0	5411318.9
L4025.0	504024.9	5411317.0	77655.00000	320.32	0	48.854807	-86.945145	56186.85	56247.4	2.60	56189.45	56186.30469	56153.72142	56151.41016	504023.9	5411317.0
L4025.0	504023.9	5411315.6	77655.10156	320.06	0	48.854794	-86.945145	56186.57	56247.4	2.60	56189.16	56186.02734	56149.58149	56147.29688	504023.9	5411315.6
L4025.0	504023.8	5411314.2	77655.20313	322.40	0	48.854781	-86.945146	56186.19	56247.4	2.59	56188.78	56185.66016	56143.55574	56141.29688	504023.8	5411314.2
L4025.0	504023.8	5411314.2	77655.29688	321.88	0	48.854781	-86.945146	56185.96	56247.4	2.59	56188.54	56185.43359	56139.54436	56137.31250	504023.8	5411314.2
L4025.0	504023.8	5411312.7	77655.39844	320.03	0	48.854768	-86.945146	56185.58	56247.4	2.58	56188.16	56185.06641	56132.83287	56130.62891	504023.8	5411312.7
L4025.0	504023.8	5411311.2	77655.50000	318.71	0	48.854755	-86.945146	56185.53	56247.4	2.58	56188.11	56185.02734	56131.38481	56129.21094	504023.8	5411311.2
L4025.0	504023.8	5411309.6	77655.60156	317.81	0	48.854740	-86.945147	56185.56	56247.4	2.58	56188.13	56185.06250	56130.81145	56128.66797	504023.8	5411309.6

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4025.0	504023.8	5411309.6	77655.70313	316.45	0	48.854740	-86.945147	56185.53	56247.4	2.57	56188.10	56185.04688	56129.10392	56126.99609	504023.8	5411309.6
L4025.0	504023.8	5411307.8	77655.79688	318.02	0	48.854724	-86.945147	56185.68	56247.4	2.57	56188.25	56185.21094	56130.12081	56128.04688	504023.8	5411307.8
L4025.0	504023.8	5411307.8	77655.89844	316.10	0	48.854724	-86.945147	56186.08	56247.4	2.56	56188.65	56185.62500	56134.98751	56132.94922	504023.8	5411307.8
L4025.0	504023.8	5411304.8	77656.00000	314.86	0	48.854697	-86.945147	56186.57	56247.4	2.56	56189.13	56186.12109	56140.82348	56138.82031	504023.8	5411304.8
L4025.0	504023.8	5411304.8	77656.10156	318.09	0	48.854697	-86.945147	56186.91	56247.4	2.56	56189.47	56186.47656	56152.92032	56150.95703	504023.8	5411304.8
L4025.0	504023.8	5411303.7	77656.20313	317.85	0	48.854687	-86.945147	56187.23	56247.4	2.56	56189.79	56186.81250	56156.41458	56154.48828	504023.8	5411303.7
L4025.0	504023.8	5411302.1	77656.20313	317.85	0	48.854673	-86.945146	56187.29	56247.4	2.56	56189.85	56186.88672	56152.60595	56150.72266	504023.8	5411302.1
L4025.0	504023.8	5411300.7	77656.39844	315.18	0	48.854660	-86.945146	56187.38	56247.4	2.56	56189.94	56186.99219	56149.06017	56147.21484	504023.8	5411300.7
L4025.0	504023.8	5411300.7	77656.50000	316.13	0	48.854660	-86.945146	56187.63	56247.4	2.56	56190.19	56187.25781	56149.05843	56147.25391	504023.8	5411300.7
L4025.0	504023.8	5411299.2	77656.60156	314.67	0	48.854647	-86.945146	56188.16	56247.4	2.57	56190.73	56187.81250	56155.77328	56154.01172	504023.8	5411299.2
L4025.0	504023.8	5411297.6	77656.70313	315.64	0	48.854632	-86.945146	56188.44	56247.4	2.57	56191.00	56188.09766	56155.11784	56153.40234	504023.8	5411297.6
L4025.0	504023.8	5411296.2	77656.79688	316.14	0	48.854620	-86.945146	56189.04	56247.4	2.57	56191.61	56188.72266	56162.33950	56160.66797	504023.8	5411296.2
L4025.0	504023.8	5411296.2	77656.89844	316.45	0	48.854620	-86.945146	56189.43	56247.4	2.57	56192.00	56189.12891	56163.54061	56161.91406	504023.8	5411296.2
L4025.0	504023.9	5411294.9	77657.00000	315.06	0	48.854608	-86.945145	56190.00	56247.4	2.57	56192.57	56189.71484	56168.62576	56167.04297	504023.9	5411294.9
L4025.0	504023.9	5411293.7	77657.10156	317.25	0	48.854597	-86.945145	56190.52	56247.4	2.57	56193.09	56190.25391	56171.95884	56170.42578	504023.9	5411293.7
L4025.0	504023.9	5411292.0	77657.20313	316.12	0	48.854581	-86.945145	56190.28	56247.4	2.57	56192.85	56190.03125	56156.31296	56154.82813	504023.9	5411292.0
L4025.0	504023.9	5411292.0	77657.29688	316.23	0	48.854581	-86.945145	56190.51	56247.4	2.57	56193.08	56190.27734	56151.66906	56150.23438	504023.9	5411292.0
L4025.0	504023.9	5411290.7	77657.39844	313.72	0	48.854570	-86.945144	56191.06	56247.4	2.57	56193.63	56190.84375	56154.33732	56152.94922	504023.9	5411290.7
L4025.0	504024.0	5411289.1	77657.50000	313.78	0	48.854556	-86.945144	56191.78	56247.4	2.57	56194.35	56191.57813	56160.69155	56159.35156	504024.0	5411289.1
L4025.0	504024.0	5411289.1	77657.60156	311.02	0	48.854556	-86.945144	56192.67	56247.4	2.57	56195.24	56192.48828	56170.78290	56169.49219	504024.0	5411289.1
L4025.0	504024.0	5411287.3	77657.70313	315.06	0	48.854540	-86.945144	56193.49	56247.4	2.57	56196.06	56193.32422	56178.82171	56177.58203	504024.0	5411287.3
L4025.0	504024.0	5411285.9	77657.79688	315.30	0	48.854527	-86.945143	56193.86	56247.4	2.57	56196.43	56193.71094	56175.51138	56174.32422	504024.0	5411285.9
L4025.0	504024.0	5411285.9	77657.89844	314.48	0	48.854527	-86.945143	56194.23	56247.4	2.57	56196.80	56194.09766	56171.81713	56170.67969	504024.0	5411285.9
L4025.0	504024.1	5411283.8	77658.00000	314.20	0	48.854508	-86.945143	56195.00	56247.4	2.57	56197.57	56194.88672	56177.66160	56176.57422	504024.1	5411283.8
L4025.0	504024.1	5411282.6	77658.10156	315.89	0	48.854497	-86.945142	56195.47	56247.4	2.57	56198.04	56195.37109	56175.77714	56174.73828	504024.1	5411282.6
L4025.0	504024.1	5411282.6	77658.20313	315.62	0	48.854497	-86.945142	56195.89	56247.4	2.57	56198.47	56195.82031	56172.56617	56171.58203	504024.1	5411282.6
L4025.0	504024.2	5411280.8	77658.20313	315.62	0	48.854481	-86.945141	56196.26	56247.4	2.57	56198.83	56196.19531	56167.26140	56166.32813	504024.2	5411280.8
L4025.0	504024.2	5411279.4	77658.39844	319.39	0	48.854469	-86.945141	56197.12	56247.4	2.58	56199.70	56197.08594	56174.62884	56173.74609	504024.2	5411279.4
L4025.0	504024.2	5411279.4	77658.50000	319.57	0	48.854469	-86.945141	56198.12	56247.4	2.58	56200.70	56198.10156	56185.21743	56184.38672	504024.2	5411279.4
L4025.0	504024.2	5411277.9	77658.60156	320.24	0	48.854455	-86.945141	56198.48	56247.4	2.58	56201.06	56198.48047	56179.18823	56178.40625	504024.2	5411277.9
L4025.0	504024.3	5411276.3	77658.70313	320.42	0	48.854441	-86.945140	56198.83	56247.4	2.58	56201.41	56198.84766	56172.62374	56171.89453	504024.3	5411276.3
L4025.0	504024.3	5411276.3	77658.79688	317.71	0	48.854441	-86.945140	56199.35	56247.4	2.59	56201.93	56199.38281	56172.35789	56171.68359	504024.3	5411276.3
L4025.0	504024.3	5411274.8	77658.89844	318.43	0	48.854427	-86.945140	56200.43	56247.4	2.59	56203.01	56200.48047	56180.94527	56180.32031	504024.3	5411274.8
L4025.0	504024.3	5411273.6	77659.00000	318.51	0	48.854416	-86.945140	56201.16	56247.4	2.59	56203.75	56201.23828	56183.87461	56183.29688	504024.3	5411273.6
L4025.0	504024.3	5411273.6	77659.10156	317.79	0	48.854416	-86.945140	56201.55	56247.4	2.59	56204.14	56201.64453	56180.89521	56180.36719	504024.3	5411273.6
L4025.0	504024.3	5411272.1	77659.20313	318.43	0	48.854403	-86.945139	56202.32	56247.4	2.59	56204.91	56202.43359	56184.23957	56183.76172	504024.3	5411272.1
L4025.0	504024.4	5411270.7	77659.29688	318.70	0	48.854390	-86.945139	56202.93	56247.4	2.59	56205.52	56203.06250	56184.86187	56184.43750	504024.4	5411270.7
L4025.0	504024.4	5411269.3	77659.39844	319.36	0	48.854377	-86.945138	56203.52	56247.4	2.59	56206.10	56203.66016	56184.94638	56184.56641	504024.4	5411269.3
L4025.0	504024.4	5411269.3	77659.50000	317.51	0	48.854377	-86.945138	56204.06	56247.4	2.58	56206.64	56204.21484	56184.32786	56183.99609	504024.4	5411269.3
L4025.0	504024.4	5411267.6	77659.60156	319.84	0	48.854363	-86.945138	56205.43	56247.4	2.58	56208.02	56205.61328	56197.93405	56197.64844	504024.4	5411267.6
L4025.0	504024.5	5411266.0	77659.70313	318.78	0	48.854348	-86.945137	56205.63	56247.4	2.58	56208.21	56205.82031	56191.35285	56191.11719	504024.5	5411266.0
L4025.0	504024.5	5411266.0	77659.79688	318.78	0	48.854348	-86.945137	56206.13	56247.4	2.58	56208.72	56206.34766	56190.19010	56190.00000	504024.5	5411266.0
L4025.0	504024.5	5411262.8	77659.79688	320.10	0	48.854319	-86.945137	56207.01	56247.4	2.58	56209.59	56207.23438	56195.13671	56194.99219	504024.5	5411262.8
L4025.0	504024.5	5411262.8	77660.00000	319.87	0	48.854319	-86.945137	56208.12	56247.4	2.58	56210.70	56208.36328	56204.16004	56204.05859	504024.5	5411262.8
L4025.0	504024.6	5411261.4	77660.10156	317.43	0	48.854307	-86.945136	56208.90	56247.4	2.58	56211.48	56209.16016	56207.59510	56207.53516	504024.6	5411261.4
L4025.0	504024.6	5411261.4	77660.20313	317.36	0	48.854307	-86.945136	56209.11	56247.4	2.58	56211.69	56209.38672	56201.37719	56201.36328	504024.6	5411261.4
L4025.0	504024.6	5411259.7	77660.20313	317.36	0	48.854291	-86.945136	56209.86	56247.4	2.58	56212.44	56210.15625	56204.34436	56204.37500	504024.6	5411259.7
L4025.0	504024.6	5411258.3	77660.29688	317.36	0	48.854279	-86.945136	56210.86	56247.4	2.58	56213.44	56211.17188	56211.59292	56211.66406	504024.6	5411258.3
L4025.0	504024.6	5411256.9	77660.39844	318.05	0	48.854266	-86.945136	56211.23	56247.4	2.58	56213.81	56211.55859	56208.17315	56208.28125	504024.6	5411256.9
L4025.0	504024.6	5411256.9	77660.60156	317.27	0	48.854266	-86.945136	56211.48	56247.4	2.59	56214.06	56211.82422	56202.73386	56202.87891	504024.6	5411256.9
L4025.0	504024.6	5411255.2	77660.70313	316.32	0	48.854251	-86.945136	56212.06	56247.4	2.59	56214.65	56212.43359	56203.12507	56203.31250	504024.6	5411255.2
L4025.0	504024.6	5411253.6	77660.79688	317.48	0	48.854236	-86.945136	56212.79	56247.4	2.59	56215.37	56213.16797	56205.79459	56206.01953	504024.6	5411253.6
L4025.0	504024.5	5411251.9	77660.89844	320.88	0	48.854221	-86.945137	56213.40	56247.4	2.59	56215.99	56213.80469	56206.81222	56207.07031	504024.5	5411251.9
L4025.0	504024.5	5411251.9	77661.00000	320.33	0	48.854221	-86.945137	56214.13	56247.4	2.59	56216.71	56214.54297	56209.62280	56209.91406	504024.5	5411251.9
L4025.0	504024.5	5411250.4	77661.10156	318.93	0	48.854207	-86.945137	56215.01	56247.4	2.59	56217.60	56215.44922	56215.46875	56215.79297	504024.5	5411250.4
L4025.0	504024.5	5411248.8	77661.20313	319.49	0	48.854194	-86.945137	56215.61	56247.4	2.59	56218.20	56216.06641	56216.37745	56216.73438	504024.5	5411248.8
L4025.0	504024.5	5411247.8	77661.29688	318.30	0	48.854185	-86.945138	56216.28	56247.4	2.59	56218.86	56216.74219	56218.41528	56218.80469	504024.5	5411247.8
L4025.0	504024.4	5411246.5	77661.39844	319.75	0	48.854172	-86.945138	56216.82	56247.4	2.59	56219.40	56217.29688	56218.43532	56218.85547	504024.4	5411246.5
L4025.0	504024.4	5411246.5	77661.50000	319.11	0	48.854172	-86.945138	56217.32	56247.4	2.58	56219.91	56217.82422	56218.00329	56218.44922	504024.4	5411246.5
L4025.0	504024.4	5411244.7	77661.60156	319.39	0	48.854156	-86.945139	56217.58	56247.4	2.58	56220.16	56218.08984	56213.04440	56213.51953	504024.4	5411244.7
L4025.0	504024.4	5411244.7	77661.70313	317.94	0	48.854156	-86.945139	56218.04	56247.4	2.58	56220.62	56218.56641	56211.86816	56212.37109	504024.4	5411244.7
L4025.0	504024.4	5411243.3	77661.79688	319.82	0	48.854144	-86.945139	56218.84	56247.4	2.58	56221.42	56219.38281	56216.82749	56217.35547	504024.4	5411243.3
L4025.0	504024.3	5411242.0	77661.89844	321.71	0	48.854132	-86.945139	56219.36	56247.4	2.58	56221.94	56219.91797	56216.90208	56217.45313	504024.3	5411242.0
L4025.0	504024.3	5411242.0	77662.00000	320.37	0	48.854132	-86.945139	56220.23	56247.4	2.58	56222.81	56220.80469	56223.31479	56223.88672	504024.3	5411242.0
L4025.0	504024.3	5411240.0	77662.10156	320.65	0	48.854114	-86.945140	56221.01	56247.4	2.58	56223.59	56221.60156	56228.21561	56228.80859	504024.3	5411240.0
L4025.0	504024.3	5411239.2	77662.20313	319.95	0	48.854107	-86.945140	56221.07	56247.4	2.59	56223.66	56221.68750	56220.52381	56221.13672	504024.3	5411239.2
L4025.0	504024.3	5411239.2	77662.20313	319.95	0	48.854107	-86.945140	56222.23	56247.4	2.59	56224.82	56222.86328	56232.37428	56233.00781	504024.3	5411239.2
L4025.0	504024.2	5411237.5	77662.39844	319.27	0	48.854092	-86.945141	56222.31	56247.4	2.60	56224.90	56222.95703	56225.03964	56225.68750	504024.2	5411237.5
L4025.0	504024.2	5411236.1	77662.50000	320.51	0	48.854079	-86.945142	56222.34	56247.4	2.60	56224.94	56223.01172	56217.10101	56217.76563	504024.2	5411236.1
L4025.0	504024.2	5411234.5	77662.60156	319.12	0	48.854065	-86.945142	56222.58	56247.4	2.60	56225.19	56223.27734	56213.00582	56213.68359	504024.2	5411234.5
L4025.0	504024.2	5411234.5	77662.70313	319.16	0	48.854065	-86.945142	56223.55	56247.4	2.61	56226.15	56224.25391	56221.58454	56222.27734	504024.2	5411234.5
L4025.0	504024.1	5411233.0	77662.79688	318.12	0	48.854051	-86.945143	56224.61	56247.4	2.61	56227.22	56225.33984	56232.14506	56232.85156	504024.1	5411233.0
L4025.0	504024.1	5411231.1	77662.89844	318.10	0	48.854034	-86.945143	56224.83	56247.4	2.62	56227.45	56225.58594	56227.92999	56228.64453	504024.1	5411231.1
L4025.0	504024.1	5411231.1	77663.00000	317.92	0	48.854034	-86.945143	56225.36	56247.4	2.62	56227.98	56226.12891	56229.08224	56229.80469	504024.1	5411231.1
L4025.0	504024.1	5411229.5	77663.10156	318.82	0	48.854020	-86.945143	56225.72	56247.4	2.62	56228.34	56226.50391	56227.31880	56228.05078	504024.1	5411229.5
L4025.0	504024.1	5411228.3	77663.20313	319.32	0	48.854009	-86.945143	56225.23	56247.4	2.62	56227.85	56226.02734	56210.75415	56211.49219	504024.1	5411228.3
L4025.0	504024.1	5411227.0	77663.29688	317.65	0	48.853997	-86.945143	56225.19	56247.4	2.62	56227.81	56226.00391	56202.17217	56202.91797	504024.1	5411227.0
L4025.0	504024.1	5411227.0	77663.39844	317.65	0	48.853997	-86.945143	56225.92	56247.4	2.62	56228.54	56226.75000	56207.10296	56207.85156	504024.1	5411227.0
L4025.0	504024.1	5411225.7	77663.50000	317.23	0	48.853985	-86.945143	56226.68	56247.4	2.62	56229.29	56227.51172	56212.41968	56213.17188	504024.1	5411225.7
L4025.0	504024.1	5411224.6	77663.60156	316.94	0	48.853975	-86.945143	56227.40	56247.4	2.61	56230.01	56228.24609	56217.25131	56218.00391	504024.1	5411224.6
L4025.0	504024.1	5411223.0	77663.70313	317.47	0	48.853961	-86.945143	56228.02	56247.4	2.61	56230.63	56228.88281	56220.38207	56221.13672	504024.1	5411223.0
L4025.0	504024.2	5411221.4	77663.79688	318.95	0	48.853947	-86.945142	56227.87	56247.4	2.61	56230.48	56228.74609	56210.16093	56210.91797	504024.2	5411221.4
L4025.0	504024.2	5411221.4	77663.89844	318.85	0	48.853947	-86.945142	56228.19	56247.4	2.61	56230.80	56229.08203	56208.15670	56208.91016	504024.2	5411221.4
L4025.0	504024.2	5411219.9	77664.00000	319.80	0	48.853933	-86.945142	56228.84	56247.4	2.61	56231.45	56229.74609	56211.92629	56212.67578	504024.2	5411219.9
L4025.0	504024.2	5411218.1	77664.10156	318.88	0	48.853917	-86.945141	56229.76	56247.4	2.61	56232.37	56230.67969	56220.42327	56221.17188	504024.2	5411218.1
L4025.0	504024.2	5411218.1	77664.20313	319.65	0	48.853917	-86.945141	56230.28	56247.4	2.61	56232.89	56231.21484	56221.99688	56222.73828	504024.2	5411218.1
L4025.0	504024.2	5411216.6	77664.20313	319.65	0	48.853904	-86.945141	56230.63	56247.4	2.61	56233.24	56231.57813	56220.64414	56221.38281	504024.2	5411216.6
L4025.0	504024.2	5411216.6	77664.39844	318.02	0	48.853904	-86.945141	56231.54	56247.4	2.61	56234.15	56232.50391	56229.05017	56229.78125	504024.2	5411216.6
L4025.0	504024.3	5411215.1	77664.50000	315.56	0	48.853890	-86.945141	56231.84	56247.4	2.61	56234.45	56232.81641	56226.87759	56227.60156	504024.3	5411215.1
L4025.0	504024.3	5411213.8	77664.60156	317.45	0	48.853878	-86.945140	56232.11	56247.4	2.61	56234.72	56233.10156	56224.20796	56224.92188	504024.3	5411213.8
L4025.0	504024.3	5411213.8	77664.70313	320.18	0	48.853878	-86.945140	56232.13	56247.4	2.61	56234.74	56233.13672	56217.22811	56217.93359	504024.3	5411213.8
L4025.0	504024.3	5411211.7	77664.79688	320.85	0	48.853859	-86.945140	56232.53	56247.4	2.61	56235.14	56233.55078	56216.86355	56217.55859	504024.3	5411211.7
L4025.0	504024.4	5411210.3	77664.89844	318.03	0	48.853847	-86.945140	56233.18	56247.4	2.61	56235.79	56234.21484	56220.83877	56221.52344	504024.4	5411210.3

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4025.0	504024.4	5411210.3	77665.00000	319.54	0	48.853847	-86.945140	56234.24	56247.4	2.61	56236.85	56235.28516	56231.88315	56232.55469	504024.4	5411210.3
L4025.0	504024.4	5411209.0	77665.10156	317.84	0	48.853835	-86.945139	56234.68	56247.4	2.61	56237.29	56235.74219	56232.21914	56232.87500	504024.4	5411209.0
L4025.0	504024.4	5411207.5	77665.20313	319.09	0	48.853821	-86.945139	56235.11	56247.4	2.60	56237.71	56236.17578	56232.21584	56232.85938	504024.4	5411207.5
L4025.0	504024.4	5411207.5	77665.29688	316.98	0	48.853821	-86.945139	56235.11	56247.4	2.60	56237.71	56236.18750	56225.03237	56225.66016	504024.4	5411207.5
L4025.0	504024.4	5411206.1	77665.39844	318.30	0	48.853809	-86.945139	56235.14	56247.4	2.60	56237.74	56236.23047	56218.40752	56219.01953	504024.4	5411206.1
L4025.0	504024.5	5411204.5	77665.50000	317.05	0	48.853795	-86.945138	56235.61	56247.4	2.60	56238.20	56236.70703	56219.13368	56219.73047	504024.5	5411204.5
L4025.0	504024.5	5411204.5	77665.60156	316.45	0	48.853795	-86.945138	56236.29	56247.4	2.59	56238.88	56237.39844	56223.57963	56224.16016	504024.5	5411204.5
L4025.0	504024.5	5411202.3	77665.70313	316.72	0	48.853775	-86.945138	56237.43	56247.4	2.59	56240.02	56238.55469	56235.75500	56236.31641	504024.5	5411202.3
L4025.0	504024.5	5411201.1	77665.79688	316.57	0	48.853764	-86.945137	56237.92	56247.4	2.59	56240.50	56239.04688	56236.74034	56237.28516	504024.5	5411201.1
L4025.0	504024.6	5411199.7	77665.89844	317.68	0	48.853752	-86.945137	56238.35	56247.4	2.58	56240.93	56239.49219	56236.87367	56237.39844	504024.6	5411199.7
L4025.0	504024.6	5411199.7	77666.00000	318.19	0	48.853752	-86.945137	56238.18	56247.4	2.58	56240.76	56239.33594	56226.97488	56227.48047	504024.6	5411199.7
L4025.0	504024.6	5411198.4	77666.10156	318.72	0	48.853740	-86.945136	56238.14	56247.4	2.58	56240.73	56239.31641	56219.46395	56219.94922	504024.6	5411198.4
L4025.0	504024.6	5411196.5	77666.20313	318.16	0	48.853723	-86.945136	56238.66	56247.4	2.59	56241.24	56239.83984	56220.95419	56221.42188	504024.6	5411196.5
L4025.0	504024.6	5411196.5	77666.20313	318.16	0	48.853723	-86.945136	56239.76	56247.4	2.59	56242.34	56240.95703	56232.18224	56232.62891	504024.6	5411196.5
L4025.0	504024.7	5411194.7	77666.39844	317.22	0	48.853707	-86.945136	56240.94	56247.4	2.59	56243.53	56242.16016	56248.35473	56248.78125	504024.7	5411194.7
L4025.0	504024.7	5411193.0	77666.50000	319.52	0	48.853691	-86.945135	56241.69	56247.4	2.60	56244.29	56242.93359	56256.34506	56256.74609	504024.7	5411193.0
L4025.0	504024.7	5411191.7	77666.60156	318.53	0	48.853680	-86.945135	56242.03	56247.4	2.60	56244.63	56243.28516	56253.38590	56253.76563	504024.7	5411191.7
L4025.0	504024.7	5411191.7	77666.70313	315.92	0	48.853680	-86.945135	56242.39	56247.4	2.60	56244.99	56243.66016	56250.99683	56251.35547	504024.7	5411191.7
L4025.0	504024.7	5411189.9	77666.79688	315.35	0	48.853663	-86.945135	56242.52	56247.4	2.60	56245.12	56243.80469	56242.73014	56243.06641	504024.7	5411189.9
L4025.0	504024.7	5411188.5	77666.89844	316.49	0	48.853651	-86.945135	56242.48	56247.4	2.61	56245.08	56243.77734	56230.20474	56230.51953	504024.7	5411188.5
L4025.0	504024.7	5411188.5	77667.00000	317.66	0	48.853651	-86.945135	56242.87	56247.4	2.61	56245.48	56244.19141	56229.07164	56229.36328	504024.7	5411188.5
L4025.0	504024.7	5411186.8	77667.10156	316.54	0	48.853636	-86.945135	56243.80	56247.4	2.61	56246.41	56245.13281	56241.47743	56241.74609	504024.7	5411186.8
L4025.0	504024.7	5411186.8	77667.20313	316.43	0	48.853636	-86.945135	56244.73	56247.4	2.61	56247.33	56246.07031	56253.56658	56253.80859	504024.7	5411186.8
L4025.0	504024.7	5411184.9	77667.29688	317.80	0	48.853618	-86.945136	56245.42	56247.4	2.61	56248.03	56246.78125	56260.04523	56260.26563	504024.7	5411184.9
L4025.0	504024.7	5411184.9	77667.39844	316.30	0	48.853618	-86.945136	56246.32	56247.4	2.61	56248.92	56247.68750	56271.30352	56271.50000	504024.7	5411184.9
L4025.0	504024.6	5411182.9	77667.50000	316.72	0	48.853600	-86.945136	56246.38	56247.4	2.61	56248.98	56247.76172	56261.69635	56261.87109	504024.6	5411182.9
L4025.0	504024.6	5411181.9	77667.60156	315.97	0	48.853592	-86.945136	56246.14	56247.4	2.60	56248.75	56247.54297	56244.91243	56245.06250	504024.6	5411181.9
L4025.0	504024.6	5411181.9	77667.70313	316.13	0	48.853592	-86.945136	56246.24	56247.4	2.60	56248.84	56247.64844	56236.22327	56236.34766	504024.6	5411181.9
L4025.0	504024.6	5411180.6	77667.79688	315.73	0	48.853580	-86.945136	56246.44	56247.4	2.60	56249.04	56247.85938	56230.32297	56230.42578	504024.6	5411180.6
L4025.0	504024.6	5411178.8	77667.89844	317.46	0	48.853563	-86.945137	56246.92	56247.4	2.60	56249.52	56248.35547	56231.43169	56231.50781	504024.6	5411178.8
L4025.0	504024.5	5411177.6	77668.00000	316.68	0	48.853553	-86.945137	56247.42	56247.4	2.60	56250.02	56248.87109	56233.04478	56233.09766	504024.5	5411177.6
L4025.0	504024.5	5411176.3	77668.10156	316.03	0	48.853541	-86.945138	56248.21	56247.4	2.60	56250.81	56249.67188	56241.90184	56241.93359	504024.5	5411176.3
L4025.0	504024.5	5411176.3	77668.20313	315.14	0	48.853541	-86.945138	56248.96	56247.4	2.60	56251.57	56250.44531	56250.02080	56250.02734	504024.5	5411176.3
L4025.0	504024.5	5411174.7	77668.20313	315.14	0	48.853527	-86.945138	56249.50	56247.4	2.60	56252.11	56251.00000	56252.65275	56252.63672	504024.5	5411174.7
L4025.0	504024.4	5411172.8	77668.39844	315.38	0	48.853510	-86.945139	56249.66	56247.4	2.60	56252.26	56251.16406	56245.51717	56245.48047	504024.4	5411172.8
L4025.0	504024.4	5411171.3	77668.50000	314.21	0	48.853496	-86.945139	56250.13	56247.4	2.60	56252.73	56251.64844	56246.38198	56246.32031	504024.4	5411171.3
L4025.0	504024.4	5411171.3	77668.60156	314.36	0	48.853496	-86.945139	56250.40	56247.4	2.61	56253.01	56251.94531	56242.46210	56242.37891	504024.4	5411171.3
L4025.0	504024.4	5411169.7	77668.70313	315.16	0	48.853482	-86.945139	56251.03	56247.4	2.61	56253.63	56252.57813	56247.07576	56246.96875	504024.4	5411169.7
L4025.0	504024.4	5411169.7	77668.79688	318.99	0	48.853482	-86.945139	56251.55	56247.4	2.61	56254.15	56253.11328	56249.16447	56249.03516	504024.4	5411169.7
L4025.0	504024.4	5411168.2	77668.89844	317.39	0	48.853468	-86.945139	56252.04	56247.4	2.61	56254.65	56253.62500	56250.73384	56250.58594	504024.4	5411168.2
L4025.0	504024.4	5411166.6	77669.00000	318.72	0	48.853454	-86.945139	56252.36	56247.4	2.61	56254.97	56253.96094	56247.73412	56247.56250	504024.4	5411166.6
L4025.0	504024.4	5411166.6	77669.10156	318.68	0	48.853454	-86.945139	56252.79	56247.4	2.61	56255.40	56254.40625	56247.48732	56247.29688	504024.4	5411166.6
L4025.0	504024.4	5411165.3	77669.20313	320.72	0	48.853442	-86.945139	56253.11	56247.4	2.60	56255.71	56254.73047	56244.17427	56243.96094	504024.4	5411165.3
L4025.0	504024.4	5411165.3	77669.29688	318.59	0	48.853442	-86.945139	56253.57	56247.4	2.60	56256.17	56255.20313	56244.63202	56244.39844	504024.4	5411165.3
L4025.0	504024.4	5411163.4	77669.39844	319.41	0	48.853425	-86.945139	56254.15	56247.4	2.60	56256.75	56255.80078	56248.10922	56247.85938	504024.4	5411163.4
L4025.0	504024.5	5411162.0	77669.50000	317.35	0	48.853412	-86.945139	56254.84	56247.4	2.60	56257.43	56256.49219	56254.10662	56253.83594	504024.5	5411162.0
L4025.0	504024.5	5411160.2	77669.60156	317.49	0	48.853396	-86.945138	56254.94	56247.4	2.59	56257.53	56256.60938	56245.33835	56245.05078	504024.5	5411160.2
L4025.0	504024.5	5411160.2	77669.70313	314.94	0	48.853396	-86.945138	56255.84	56247.4	2.59	56258.43	56257.52344	56256.89386	56256.58594	504024.5	5411160.2
L4025.0	504024.5	5411158.7	77669.79688	316.80	0	48.853383	-86.945138	56256.46	56247.4	2.59	56259.05	56258.16016	56261.31392	56260.98828	504024.5	5411158.7
L4025.0	504024.6	5411157.5	77669.89844	316.18	0	48.853372	-86.945137	56256.66	56247.4	2.58	56259.24	56258.36328	56254.75395	56254.41016	504024.6	5411157.5
L4025.0	504024.6	5411156.0	77670.00000	314.88	0	48.853359	-86.945137	56256.91	56247.4	2.58	56259.49	56258.62891	56249.69691	56249.33984	504024.6	5411156.0
L4025.0	504024.6	5411156.0	77670.10156	315.57	0	48.853359	-86.945137	56257.72	56247.4	2.58	56260.30	56259.45313	56258.92321	56258.54688	504024.6	5411156.0
L4025.0	504024.6	5411154.2	77670.20313	316.18	0	48.853343	-86.945136	56258.20	56247.4	2.58	56260.78	56259.94922	56259.71621	56259.32422	504024.6	5411154.2
L4025.0	504024.6	5411154.2	77670.20313	316.18	0	48.853343	-86.945136	56258.62	56247.4	2.58	56261.20	56260.38281	56258.96850	56258.56250	504024.6	5411154.2
L4025.0	504024.7	5411152.9	77670.39844	315.25	0	48.853331	-86.945136	56259.07	56247.4	2.58	56261.65	56260.84766	56258.98458	56258.56250	504024.7	5411152.9
L4025.0	504024.7	5411151.3	77670.50000	317.76	0	48.853316	-86.945135	56259.64	56247.4	2.58	56262.22	56261.43359	56262.07491	56261.64063	504024.7	5411151.3
L4025.0	504024.7	5411151.3	77670.60156	317.63	0	48.853316	-86.945135	56260.41	56247.4	2.58	56262.99	56262.21875	56270.30206	56269.85547	504024.7	5411151.3
L4025.0	504024.7	5411149.6	77670.70313	318.64	0	48.853301	-86.945135	56260.86	56247.4	2.58	56263.44	56262.68359	56270.34466	56269.88281	504024.7	5411149.6
L4025.0	504024.8	5411148.4	77670.79688	318.24	0	48.853290	-86.945135	56261.12	56247.4	2.58	56263.70	56262.96094	56265.52006	56265.04688	504024.8	5411148.4
L4025.0	504024.8	5411147.1	77670.89844	316.65	0	48.853278	-86.945134	56261.12	56247.4	2.58	56263.70	56262.97656	56254.00734	56253.52344	504024.8	5411147.1
L4025.0	504024.8	5411145.6	77671.00000	317.68	0	48.853265	-86.945134	56261.68	56247.4	2.58	56264.26	56263.55078	56256.91361	56256.41797	504024.8	5411145.6
L4025.0	504024.8	5411145.6	77671.10156	320.52	0	48.853265	-86.945134	56262.29	56247.4	2.58	56264.87	56264.17578	56261.14599	56260.64063	504024.8	5411145.6
L4025.0	504024.8	5411144.0	77671.20313	319.41	0	48.853251	-86.945134	56263.11	56247.4	2.58	56265.68	56265.00391	56270.60151	56270.08594	504024.8	5411144.0
L4025.0	504024.8	5411144.0	77671.29688	318.33	0	48.853251	-86.945134	56263.62	56247.4	2.57	56266.20	56265.53906	56272.60644	56272.08203	504024.8	5411144.0
L4025.0	504024.8	5411142.4	77671.39844	318.62	0	48.853236	-86.945134	56264.28	56247.4	2.57	56266.85	56266.20313	56278.03771	56277.50781	504024.8	5411142.4
L4025.0	504024.8	5411141.0	77671.50000	318.29	0	48.853224	-86.945134	56264.57	56247.4	2.57	56267.14	56266.50781	56274.14289	56273.60547	504024.8	5411141.0
L4025.0	504024.8	5411139.5	77671.60156	316.08	0	48.853210	-86.945134	56264.90	56247.4	2.57	56267.47	56266.85547	56271.31353	56270.76953	504024.8	5411139.5
L4025.0	504024.8	5411139.5	77671.70313	315.71	0	48.853210	-86.945134	56265.05	56247.4	2.57	56267.62	56267.02344	56263.79872	56263.24609	504024.8	5411139.5
L4025.0	504024.8	5411137.8	77671.79688	315.92	0	48.853195	-86.945134	56265.50	56247.4	2.56	56268.06	56267.47656	56266.30197	56265.74219	504024.8	5411137.8
L4025.0	504024.8	5411136.3	77671.89844	317.18	0	48.853182	-86.945134	56265.91	56247.4	2.56	56268.48	56267.91406	56266.35263	56265.78906	504024.8	5411136.3
L4025.0	504024.8	5411135.2	77672.00000	316.13	0	48.853171	-86.945134	56266.61	56247.4	2.56	56269.17	56268.62109	56270.87910	56270.31250	504024.8	5411135.2
L4025.0	504024.8	5411135.2	77672.10156	317.47	0	48.853171	-86.945134	56266.88	56247.4	2.56	56269.45	56268.91797	56268.63101	56268.05859	504024.8	5411135.2
L4025.0	504024.8	5411133.9	77672.20313	317.27	0	48.853160	-86.945134	56267.21	56247.4	2.56	56269.78	56269.26172	56267.21620	56266.64063	504024.8	5411133.9
L4025.0	504024.8	5411133.9	77672.20313	317.27	0	48.853160	-86.945134	56267.58	56247.4	2.56	56270.14	56269.63672	56266.30545	56265.72656	504024.8	5411133.9
L4025.0	504024.8	5411132.6	77672.39844	320.71	0	48.853148	-86.945134	56268.09	56247.4	2.57	56270.65	56270.16406	56267.88700	56267.30859	504024.8	5411132.6
L4025.0	504024.8	5411131.0	77672.50000	319.39	0	48.853133	-86.945134	56268.39	56247.4	2.57	56270.96	56270.49219	56266.16377	56265.58203	504024.8	5411131.0
L4025.0	504024.8	5411129.5	77672.60156	318.83	0	48.853120	-86.945134	56268.80	56247.4	2.57	56271.37	56270.91797	56266.10430	56265.52344	504024.8	5411129.5
L4025.0	504024.8	5411127.7	77672.70313	319.76	0	48.853104	-86.945134	56269.46	56247.4	2.57	56272.03	56271.59375	56270.18683	56269.60547	504024.8	5411127.7
L4025.0	504024.8	5411127.7	77672.79688	316.92	0	48.853104	-86.945134	56269.90	56247.4	2.58	56272.48	56272.06250	56270.79977	56270.21875	504024.8	5411127.7
L4025.0	504024.8	5411126.5	77672.89844	317.59	0	48.853093	-86.945134	56270.22	56247.4	2.58	56272.80	56272.39844	56269.27002	56268.68750	504024.8	5411126.5
L4025.0	504024.8	5411125.0	77673.00000	319.07	0	48.853079	-86.945134	56270.82	56247.4	2.58	56273.40	56273.01563	56272.37259	56271.79297	504024.8	5411125.0
L4025.0	504024.8	5411122.9	77673.10156	318.65	0	48.853061	-86.945134	56271.40	56247.4	2.58	56273.98	56273.60938	56275.14852	56274.57031	504024.8	5411122.9
L4025.0	504024.8	5411122.9	77673.20313	317.41	0	48.853061	-86.945134	56272.34	56247.4	2.57	56274.92	56274.56641	56283.87060	56283.29688	504024.8	5411122.9
L4025.0	504024.8	5411121.8	77673.29688	318.10	0	48.853051	-86.945134	56272.76	56247.4	2.57	56275.33	56274.99609	56288.17614	56287.60547	504024.8	5411121.8
L4025.0	504024.8	5411120.6	77673.39844	317.10	0	48.853040	-86.945134	56273.26	56247.4	2.56	56275.82	56275.50000	56290.17714	56289.60938	504024.8	5411120.6
L4025.0	504024.8	5411120.6	77673.50000	315.98	0	48.853040	-86.945134	56273.55	56247.4	2.56	56276.11	56275.80859	56286.95613	56286.39453	504024.8	5411120.6
L4025.0	504024.8	5411118.8	77673.60156	316.09	0	48.853024	-86.945134	56273.47	56247.4	2.56	56276.03	56275.74609	56274.05672	56273.50000	504024.8	5411118.8
L4025.0	504024.8	5411117.2	77673.70313	315.42	0	48.853010	-86.945134	56273.87	56247.4	2.55	56276.42	56276.15234	56273.48261	56272.92969	504024.8	5411117.2
L4025.0	504024.8	5411117.2	77673.79688	315.53	0	48.853010	-86.945134	56274.16	56247.5	2.55	56276.71	56276.45703	56272.78329	56272.23438	504024.8	5411117.2
L4025.0	504024.8	5411115.9	77673.89844	315.12	0	48.852998	-86.945134	56274.82	56247.5	2.54	56277.36	56277.12500	56276.76695	56276.22656	504024.8	5411115.9
L4025.0	504024.8	5411114.6	77674.00000	319.47	0	48.852986	-86.945134	56275.34	56247.5	2.54	56277.88	56277.66406	56278.61646	56278.08203	504024.8	5411114.6
L4025.0	504024.8	5411114.6	77674.10156	318.13	0	48.852986	-86.945134	56275.79	56247.5	2.54	56278.32	56278.12109	56279.15187	56278.62500	504024.8	5411114.6
L4025.0	504024.8	5411112.8	77674.20313	319.12	0	48.852970	-86.945134	56276.20	56247.5	2.53	56278.74	56278.55859	56279.36410	56278.84375	504024.8	5411112.8

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4025.0	504024.8	5411111.0	77674.20313	319.12	0	48.852954	-86.945135	56276.61	56247.5	2.53	56279.15	56278.98438	56279.41763	56278.90625	504024.8	5411111.0
L4025.0	504024.8	5411111.0	77674.39844	318.56	0	48.852954	-86.945135	56276.86	56247.5	2.53	56279.39	56279.24219	56276.61503	56276.10938	504024.8	5411111.0
L4025.0	504024.8	5411109.6	77674.50000	318.67	0	48.852941	-86.945135	56277.33	56247.5	2.53	56279.86	56279.73047	56277.68566	56277.19141	504024.8	5411109.6
L4025.0	504024.7	5411108.3	77674.60156	316.68	0	48.852929	-86.945135	56277.86	56247.5	2.52	56280.38	56280.26563	56279.62729	56279.14063	504024.7	5411108.3
L4025.0	504024.7	5411108.3	77674.70313	315.87	0	48.852929	-86.945135	56278.24	56247.5	2.52	56280.76	56280.66406	56279.20155	56278.72266	504024.7	5411108.3
L4025.0	504024.7	5411106.7	77674.79688	319.18	0	48.852915	-86.945136	56278.81	56247.5	2.52	56281.33	56281.25000	56282.05672	56281.58984	504024.7	5411106.7
L4025.0	504024.7	5411104.7	77674.89844	319.09	0	48.852897	-86.945136	56279.31	56247.5	2.51	56281.82	56281.75781	56283.57063	56283.11328	504024.7	5411104.7
L4025.0	504024.7	5411104.7	77675.00000	318.35	0	48.852897	-86.945136	56279.93	56247.5	2.51	56282.44	56282.39453	56287.38503	56286.93750	504024.7	5411104.7
L4025.0	504024.7	5411103.1	77675.10156	318.53	0	48.852883	-86.945137	56280.03	56247.5	2.51	56282.54	56282.51172	56282.12683	56281.69141	504024.7	5411103.1
L4025.0	504024.6	5411101.9	77675.20313	322.14	0	48.852872	-86.945137	56280.28	56247.5	2.51	56282.79	56282.78125	56279.47303	56279.04688	504024.6	5411101.9
L4025.0	504024.6	5411101.9	77675.29688	321.63	0	48.852872	-86.945137	56280.80	56247.5	2.51	56283.31	56283.31641	56281.60182	56281.18750	504024.6	5411101.9
L4025.0	504024.6	5411100.3	77675.39844	323.42	0	48.852857	-86.945137	56281.33	56247.5	2.51	56283.84	56283.86328	56283.94978	56283.54688	504024.6	5411100.3
L4025.0	504024.6	5411098.7	77675.50000	322.63	0	48.852843	-86.945138	56282.15	56247.5	2.51	56284.66	56284.70313	56291.52727	56291.13672	504024.6	5411098.7
L4025.0	504024.6	5411097.1	77675.60156	321.91	0	48.852829	-86.945138	56282.56	56247.5	2.51	56285.07	56285.12891	56291.81712	56291.43750	504024.6	5411097.1
L4025.0	504024.6	5411097.1	77675.70313	319.67	0	48.852829	-86.945138	56282.78	56247.5	2.51	56285.29	56285.36719	56288.71139	56288.34375	504024.6	5411097.1
L4025.0	504024.5	5411095.9	77675.79688	317.24	0	48.852818	-86.945138	56283.06	56247.5	2.51	56285.57	56285.66406	56286.70004	56286.34375	504024.5	5411095.9
L4025.0	504024.5	5411094.1	77675.89844	318.58	0	48.852801	-86.945139	56283.55	56247.5	2.51	56286.06	56286.17188	56288.49977	56288.15625	504024.5	5411094.1
L4025.0	504024.5	5411094.1	77676.00000	320.24	0	48.852801	-86.945139	56283.57	56247.5	2.51	56286.08	56286.20703	56281.85792	56281.52734	504024.5	5411094.1
L4025.0	504024.5	5411092.4	77676.10156	320.96	0	48.852787	-86.945139	56283.86	56247.5	2.51	56286.36	56286.50781	56279.94385	56279.62891	504024.5	5411092.4
L4025.0	504024.5	5411091.2	77676.20313	318.84	0	48.852775	-86.945139	56284.27	56247.5	2.51	56286.77	56286.93359	56280.41510	56280.11328	504024.5	5411091.2
L4025.0	504024.5	5411091.2	77676.20313	318.84	0	48.852775	-86.945139	56284.82	56247.5	2.51	56287.33	56287.51172	56283.62015	56283.32813	504024.5	5411091.2
L4025.0	504024.5	5411089.6	77676.39844	320.26	0	48.852762	-86.945139	56285.64	56247.5	2.51	56288.15	56288.34766	56291.50004	56291.22266	504024.5	5411089.6
L4025.0	504024.4	5411088.3	77676.50000	321.03	0	48.852749	-86.945140	56286.18	56247.5	2.51	56288.69	56288.90625	56294.37734	56294.11328	504024.4	5411088.3
L4025.0	504024.4	5411088.3	77676.60156	318.72	0	48.852749	-86.945140	56286.54	56247.5	2.50	56289.05	56289.28125	56294.08257	56293.83203	504024.4	5411088.3
L4025.0	504024.4	5411086.7	77676.70313	319.18	0	48.852735	-86.945140	56286.69	56247.5	2.50	56289.19	56289.44141	56289.95073	56289.71484	504024.4	5411086.7
L4025.0	504024.4	5411085.4	77676.79688	319.84	0	48.852723	-86.945140	56287.08	56247.5	2.50	56289.58	56289.84766	56290.29840	56290.07422	504024.4	5411085.4
L4025.0	504024.4	5411084.2	77676.89844	320.60	0	48.852713	-86.945141	56287.61	56247.5	2.50	56290.11	56290.39453	56293.15050	56292.94141	504024.4	5411084.2
L4025.0	504024.4	5411084.2	77677.00000	319.88	0	48.852713	-86.945141	56288.30	56247.5	2.50	56290.80	56291.10156	56298.84346	56298.64844	504024.4	5411084.2
L4025.0	504024.4	5411082.7	77677.10156	319.48	0	48.852699	-86.945141	56288.88	56247.5	2.50	56291.38	56291.69922	56302.65040	56302.46875	504024.4	5411082.7
L4025.0	504024.3	5411081.5	77677.20313	319.43	0	48.852688	-86.945141	56289.01	56247.5	2.50	56291.51	56291.84375	56298.64063	56298.47266	504024.3	5411081.5
L4025.0	504024.3	5411080.1	77677.29688	315.93	0	48.852676	-86.945141	56289.26	56247.5	2.50	56291.76	56292.11328	56296.78902	56296.63672	504024.3	5411080.1
L4025.0	504024.3	5411080.1	77677.39844	317.87	0	48.852676	-86.945141	56289.88	56247.5	2.50	56292.38	56292.75000	56301.48497	56301.34766	504024.3	5411080.1
L4025.0	504024.3	5411078.2	77677.50000	318.48	0	48.852658	-86.945142	56290.62	56247.5	2.50	56293.12	56293.50781	56308.38258	56308.25781	504024.3	5411078.2
L4025.0	504024.3	5411078.2	77677.60156	316.84	0	48.852658	-86.945142	56290.95	56247.5	2.50	56293.45	56293.85547	56308.14572	56308.03516	504024.3	5411078.2
L4025.0	504024.3	5411076.8	77677.70313	317.97	0	48.852646	-86.945142	56291.56	56247.5	2.50	56294.06	56294.48047	56312.94897	56312.85156	504024.3	5411076.8
L4025.0	504024.2	5411074.9	77677.79688	316.85	0	48.852629	-86.945143	56291.38	56247.5	2.50	56293.88	56294.31641	56303.74717	56303.66406	504024.2	5411074.9
L4025.0	504024.2	5411073.9	77677.89844	317.47	0	48.852620	-86.945143	56291.69	56247.5	2.50	56294.19	56294.64453	56303.31051	56303.24219	504024.2	5411073.9
L4025.0	504024.2	5411073.9	77678.00000	320.10	0	48.852620	-86.945143	56292.10	56247.5	2.50	56294.60	56295.07031	56304.73775	56304.68359	504024.2	5411073.9
L4025.0	504024.2	5411072.6	77678.10156	319.46	0	48.852608	-86.945143	56292.23	56247.5	2.50	56294.73	56295.21875	56301.14203	56301.10156	504024.2	5411072.6
L4025.0	504024.2	5411070.7	77678.20313	319.85	0	48.852591	-86.945144	56293.09	56247.5	2.50	56295.59	56296.09375	56310.94457	56310.91797	504024.2	5411070.7
L4025.0	504024.2	5411070.7	77678.20313	319.85	0	48.852591	-86.945144	56293.40	56247.5	2.50	56295.90	56296.42188	56310.78298	56310.76953	504024.2	5411070.7
L4025.0	504024.1	5411069.2	77678.39844	322.55	0	48.852578	-86.945144	56293.37	56247.5	2.49	56295.86	56296.39844	56304.17577	56304.17969	504024.1	5411069.2
L4025.0	504024.1	5411067.3	77678.50000	321.68	0	48.852561	-86.945144	56293.53	56247.5	2.49	56296.02	56296.57422	56301.28396	56301.30078	504024.1	5411067.3
L4025.0	504024.1	5411067.3	77678.60156	323.67	0	48.852561	-86.945144	56294.04	56247.5	2.49	56296.53	56297.10156	56304.99798	56305.02734	504024.1	5411067.3
L4025.0	504024.1	5411065.8	77678.70313	322.76	0	48.852547	-86.945144	56294.55	56247.5	2.49	56297.03	56297.61719	56308.62363	56308.66797	504024.1	5411065.8
L4025.0	504024.1	5411065.8	77678.79688	322.46	0	48.852547	-86.945144	56294.55	56247.5	2.48	56297.03	56297.63281	56302.85515	56302.91406	504024.1	5411065.8
L4025.0	504024.1	5411064.2	77678.89844	320.86	0	48.852532	-86.945145	56294.96	56247.5	2.48	56297.44	56298.05859	56304.91037	56304.98438	504024.1	5411064.2
L4025.0	504024.1	5411062.5	77679.00000	321.88	0	48.852518	-86.945145	56295.37	56247.5	2.48	56297.85	56298.48438	56307.04013	56307.12500	504024.1	5411062.5
L4025.0	504024.1	5411061.2	77679.10156	321.32	0	48.852506	-86.945145	56295.59	56247.5	2.48	56298.07	56298.72266	56305.60567	56305.70703	504024.1	5411061.2
L4025.0	504024.1	5411061.2	77679.20313	321.21	0	48.852506	-86.945145	56296.16	56247.5	2.48	56298.64	56299.30859	56310.92605	56311.03906	504024.1	5411061.2
L4025.0	504024.1	5411059.6	77679.29688	319.34	0	48.852491	-86.945145	56296.54	56247.5	2.48	56299.02	56299.70313	56312.66834	56312.79688	504024.1	5411059.6
L4025.0	504024.0	5411057.9	77679.39844	319.12	0	48.852476	-86.945145	56296.98	56247.5	2.48	56299.46	56300.16016	56315.60241	56315.74219	504024.0	5411057.9
L4025.0	504024.0	5411057.9	77679.50000	319.46	0	48.852476	-86.945145	56296.74	56247.5	2.48	56299.22	56299.93359	56305.64705	56305.80078	504024.0	5411057.9
L4025.0	504024.0	5411056.2	77679.60156	317.98	0	48.852461	-86.945146	56297.11	56247.5	2.48	56299.59	56300.32031	56307.37803	56307.54688	504024.0	5411056.2
L4025.0	504024.0	5411054.5	77679.70313	317.49	0	48.852446	-86.945146	56297.64	56247.5	2.48	56300.12	56300.86328	56312.16719	56312.35156	504024.0	5411054.5
L4025.0	504024.0	5411053.1	77679.79688	319.81	0	48.852433	-86.945146	56297.95	56247.5	2.48	56300.43	56301.19141	56312.85010	56313.04688	504024.0	5411053.1
L4025.0	504024.0	5411053.1	77679.89844	320.23	0	48.852433	-86.945146	56298.32	56247.5	2.48	56300.80	56301.57422	56314.70226	56314.91016	504024.0	5411053.1
L4025.0	504024.0	5411051.0	77680.00000	320.57	0	48.852414	-86.945146	56298.45	56247.5	2.48	56300.93	56301.72266	56312.17083	56312.39453	504024.0	5411051.0
L4025.0	504024.0	5411051.0	77680.10156	319.64	0	48.852414	-86.945146	56298.38	56247.5	2.48	56300.87	56301.67578	56306.27194	56306.50781	504024.0	5411051.0
L4025.0	504024.0	5411049.3	77680.20313	319.12	0	48.852399	-86.945146	56298.70	56247.5	2.48	56301.19	56302.01172	56307.42622	56307.67578	504024.0	5411049.3
L4025.0	504024.0	5411047.8	77680.20313	319.12	0	48.852385	-86.945146	56298.99	56247.5	2.48	56301.48	56302.31641	56308.09301	56308.35547	504024.0	5411047.8
L4025.0	504024.0	5411047.8	77680.39844	321.00	0	48.852385	-86.945146	56299.43	56247.5	2.49	56301.91	56302.76172	56311.31848	56311.59375	504024.0	5411047.8
L4025.0	504024.0	5411046.2	77680.50000	321.37	0	48.852370	-86.945146	56300.04	56247.5	2.49	56302.53	56303.39453	56317.93110	56318.21875	504024.0	5411046.2
L4025.0	504024.0	5411046.2	77680.60156	322.60	0	48.852370	-86.945146	56299.78	56247.5	2.49	56302.27	56303.14844	56309.03641	56309.33594	504024.0	5411046.2
L4025.0	504024.0	5411044.3	77680.70313	320.52	0	48.852354	-86.945147	56299.98	56247.5	2.49	56302.47	56303.36328	56308.37053	56308.68359	504024.0	5411044.3
L4025.0	504024.0	5411043.0	77680.79688	318.71	0	48.852342	-86.945147	56299.86	56247.5	2.50	56302.35	56303.25781	56302.22615	56302.55078	504024.0	5411043.0
L4025.0	504024.0	5411043.0	77680.89844	319.02	0	48.852342	-86.945147	56300.01	56247.5	2.50	56302.51	56303.43359	56301.05178	56301.39063	504024.0	5411043.0
L4025.0	504023.9	5411041.3	77681.00000	317.31	0	48.852327	-86.945147	56300.24	56247.5	2.50	56302.74	56303.67578	56301.15278	56301.50391	504023.9	5411041.3
L4025.0	504023.9	5411039.7	77681.10156	316.70	0	48.852312	-86.945147	56301.12	56247.5	2.50	56303.61	56304.55859	56312.24188	56312.60547	504023.9	5411039.7
L4025.0	504023.9	5411039.7	77681.20313	317.11	0	48.852312	-86.945147	56301.64	56247.5	2.49	56304.14	56305.10156	56317.51570	56317.89063	504023.9	5411039.7
L4025.0	504023.9	5411037.8	77681.29688	318.17	0	48.852295	-86.945147	56302.18	56247.5	2.49	56304.68	56305.65625	56322.98727	56323.37500	504023.9	5411037.8
L4025.0	504023.9	5411036.2	77681.39844	316.98	0	48.852281	-86.945147	56302.06	56247.5	2.49	56304.54	56305.53125	56317.00117	56317.40234	504023.9	5411036.2
L4025.0	504023.9	5411034.7	77681.50000	317.61	0	48.852268	-86.945147	56301.74	56247.5	2.49	56304.23	56305.23438	56308.24021	56308.65234	504023.9	5411034.7
L4025.0	504023.9	5411034.7	77681.60156	315.63	0	48.852268	-86.945147	56301.88	56247.5	2.48	56304.36	56305.37500	56306.97879	56307.40234	504023.9	5411034.7
L4025.0	504023.9	5411033.4	77681.70313	316.06	0	48.852256	-86.945147	56302.00	56247.5	2.48	56304.47	56305.50000	56305.43909	56305.87500	504023.9	5411033.4
L4025.0	504023.9	5411032.0	77681.79688	315.80	0	48.852243	-86.945147	56302.74	56247.5	2.48	56305.22	56306.26172	56314.71678	56315.16406	504023.9	5411032.0
L4025.0	504023.9	5411032.0	77681.89844	315.65	0	48.852243	-86.945147	56303.07	56247.5	2.47	56305.55	56306.60547	56316.97794	56317.43359	504023.9	5411032.0
L4025.0	504023.9	5411029.9	77682.00000	317.04	0	48.852224	-86.945147	56303.41	56247.5	2.47	56305.88	56306.94531	56319.28860	56319.75781	504023.9	5411029.9
L4025.0	504023.9	5411028.8	77682.10156	318.43	0	48.852215	-86.945147	56303.45	56247.5	2.47	56305.92	56307.00000	56316.77859	56317.25781	504023.9	5411028.8
L4025.0	504023.9	5411028.8	77682.20313	318.24	0	48.852215	-86.945147	56303.36	56247.5	2.47	56305.83	56306.92188	56312.13936	56312.62891	504023.9	5411028.8
L4025.0	504023.9	5411027.5	77682.20313	318.24	0	48.852203	-86.945147	56303.38	56247.5	2.47	56305.85	56306.95313	56309.39893	56309.89844	504023.9	5411027.5
L4025.0	504023.9	5411026.2	77682.39844	319.05	0	48.852191	-86.945147	56303.38	56247.5	2.47	56305.85	56306.96484	56306.37713	56306.88672	504023.9	5411026.2
L4025.0	504023.9	5411026.2	77682.50000	319.23	0	48.852191	-86.945147	56303.71	56247.5	2.47	56306.18	56307.30469	56308.92688	56309.44922	504023.9	5411026.2
L4025.0	504023.9	5411024.8	77682.60156	318.03	0	48.852179	-86.945147	56304.15	56247.5	2.47	56306.62	56307.75781	56313.34930	56313.88281	504023.9	5411024.8
L4025.0	504023.9	5411023.1	77682.70313	318.42	0	48.852163	-86.945147	56304.40	56247.5	2.47	56306.87	56308.01563	56314.63446	56315.17578	504023.9	5411023.1
L4025.0	504023.9	5411021.6	77682.79688	319.94	0	48.852149	-86.945147	56304.45	56247.5	2.47	56306.92	56308.07813	56312.63517	56313.18750	504023.9	5411021.6
L4025.0	504023.9	5411020.1	77682.89844	320.44	0	48.852136	-86.945147	56304.75	56247.5	2.47	56307.22	56308.39063	56314.82671	56315.39063	504023.9	5411020.1
L4025.0	504023.9	5411020.1	77683.00000	319.67	0	48.852136	-86.945147	56304.84	56247.5	2.47	56307.31	56308.48828	56312.24737	56312.82031	504023.9	5411020.1
L4025.0	504023.9	5411018.7	77683.10156	319.31	0	48.852123	-86.945147	56304.91	56247.5	2.47	56307.39	56308.57813	56309.87785	56310.46094	504023.9	5411018.7
L4025.0	504023.9	5411017.3	77683.20313	318.03	0	48.852111	-86.945147	56304.96	56247.5	2.47	56307.44	56308.64063	56306.82386	56307.41406	504023.9	5411017.3
L4025.0	504023.9	5411017.3	77683.29688	316.03	0	48.852111	-86.945147	56305.24	56247.5	2.48	56307.71	56308.91797	56309.56141	56310.16016	504023.9	5411017.3
L4025.0	504023.9	5411016.0	77683.39844	314.88	0	48.852099	-86.945147	56305.65	56247.5	2.48	56308.13	56309.34766	56316.20618	56316.81250	504023.9	5411016.0
L4025.0	504024.0	5411014.4	77683.50000	314.55	0	48.852084	-86.945147	56305.91	56247.5	2.48	56308.39	56309.61719	56318.76218	56319.37891	504024.0	5411014.4

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4025.0	504024.0	5411014.4	77683.60156	314.15	0	48.852084	-86.945147	56306.42	56247.5	2.48	56308.90	56310.13672	56327.72625	56328.35156	504024.0	5411014.4
L4025.0	504024.0	5411012.9	77683.70313	314.36	0	48.852071	-86.945147	56306.52	56247.5	2.48	56309.00	56310.24609	56326.29152	56326.92578	504024.0	5411012.9
L4025.0	504024.0	5411011.9	77683.79688	315.69	0	48.852062	-86.945146	56306.70	56247.5	2.49	56309.18	56310.43750	56326.96397	56327.60547	504024.0	5411011.9
L4025.0	504024.0	5411010.0	77683.89844	317.04	0	48.852045	-86.945146	56306.54	56247.5	2.49	56309.03	56310.29297	56319.44027	56320.08984	504024.0	5411010.0
L4025.0	504024.0	5411008.6	77684.00000	316.59	0	48.852032	-86.945146	56306.52	56247.5	2.49	56309.01	56310.28125	56315.30581	56315.96094	504024.0	5411008.6
L4025.0	504024.0	5411008.6	77684.10156	316.62	0	48.852032	-86.945146	56306.46	56247.5	2.49	56308.95	56310.23047	56310.28309	56310.94531	504024.0	5411008.6
L4025.0	504024.1	5411006.8	77684.20313	318.16	0	48.852016	-86.945145	56306.46	56247.5	2.49	56308.95	56310.23828	56306.84783	56307.51563	504024.1	5411006.8
L4025.0	504024.1	5411006.8	77684.20313	318.16	0	48.852016	-86.945145	56306.80	56247.5	2.49	56309.28	56310.57813	56311.66632	56312.34375	504024.1	5411006.8
L4025.0	504024.1	5411005.7	77684.29688	316.71	0	48.852006	-86.945145	56306.91	56247.5	2.48	56309.39	56310.69531	56311.09534	56311.77734	504024.1	5411005.7
L4025.0	504024.1	5411003.9	77684.50000	314.31	0	48.851991	-86.945145	56307.16	56247.5	2.48	56309.64	56310.95313	56314.05758	56314.74219	504024.1	5411003.9
L4025.0	504024.2	5411002.8	77684.60156	316.23	0	48.851980	-86.945144	56307.24	56247.5	2.48	56309.72	56311.03906	56312.87388	56313.56641	504024.2	5411002.8
L4025.0	504024.2	5411001.4	77684.70313	316.63	0	48.851968	-86.945144	56307.61	56247.5	2.48	56310.09	56311.41406	56318.95446	56319.65234	504024.2	5411001.4
L4025.0	504024.2	5411001.4	77684.79688	317.15	0	48.851968	-86.945144	56307.85	56247.5	2.47	56310.32	56311.65234	56321.63746	56322.33984	504024.2	5411001.4
L4025.0	504024.2	5411000.3	77684.89844	316.82	0	48.851958	-86.945144	56307.82	56247.5	2.47	56310.30	56311.63672	56318.15113	56318.85938	504024.2	5411000.3
L4025.0	504024.2	5410998.4	77685.00000	315.97	0	48.851941	-86.945143	56307.94	56247.5	2.47	56310.41	56311.75391	56317.95829	56318.66797	504024.2	5410998.4
L4025.0	504024.2	5410998.4	77685.10156	315.48	0	48.851941	-86.945143	56307.82	56247.5	2.47	56310.29	56311.64063	56312.03753	56312.75391	504024.2	5410998.4
L4025.0	504024.3	5410997.1	77685.20313	315.36	0	48.851929	-86.945143	56308.18	56247.5	2.47	56310.65	56312.00781	56318.23450	56318.95313	504024.3	5410997.1
L4025.0	504024.3	5410995.7	77685.29688	315.98	0	48.851916	-86.945143	56308.28	56247.5	2.47	56310.75	56312.11328	56317.94367	56318.66406	504024.3	5410995.7
L4025.0	504024.3	5410995.7	77685.39844	314.21	0	48.851916	-86.945143	56308.36	56247.5	2.47	56310.83	56312.19531	56317.19114	56317.91406	504024.3	5410995.7
L4025.0	504024.3	5410994.4	77685.50000	317.75	0	48.851905	-86.945143	56308.69	56247.5	2.48	56311.16	56312.53125	56322.84840	56323.57422	504024.3	5410994.4
L4025.0	504024.3	5410992.9	77685.60156	318.63	0	48.851891	-86.945142	56308.71	56247.5	2.48	56311.19	56312.56641	56320.92054	56321.64844	504024.3	5410992.9
L4025.0	504024.4	5410991.7	77685.70313	318.49	0	48.851880	-86.945142	56308.84	56247.5	2.48	56311.32	56312.70313	56321.58726	56322.31641	504024.4	5410991.7
L4025.0	504024.4	5410990.3	77685.79688	317.45	0	48.851867	-86.945141	56308.76	56247.5	2.48	56311.24	56312.62500	56316.89747	56317.62891	504024.4	5410990.3
L4025.0	504024.4	5410990.3	77685.89844	320.07	0	48.851867	-86.945141	56309.04	56247.5	2.48	56311.52	56312.91016	56321.50839	56322.23828	504024.4	5410990.3
L4025.0	504024.4	5410988.7	77686.00000	320.93	0	48.851853	-86.945140	56309.12	56247.5	2.48	56311.60	56312.99219	56321.00932	56321.74219	504024.4	5410988.7
L4025.0	504024.5	5410987.1	77686.10156	318.89	0	48.851839	-86.945140	56309.15	56247.5	2.48	56311.63	56313.02734	56319.24603	56319.97656	504024.5	5410987.1
L4025.0	504024.6	5410985.8	77686.20313	316.89	0	48.851828	-86.945139	56308.74	56247.5	2.48	56311.21	56312.60938	56305.79081	56306.52344	504024.6	5410985.8
L4025.0	504024.6	5410985.8	77686.20313	316.89	0	48.851828	-86.945139	56308.79	56247.5	2.48	56311.26	56312.66406	56304.56923	56305.30078	504024.6	5410985.8
L4025.0	504024.6	5410984.6	77686.39844	316.57	0	48.851816	-86.945138	56308.99	56247.5	2.47	56311.46	56312.86719	56307.30358	56308.03516	504024.6	5410984.6
L4025.0	504024.7	5410983.0	77686.50000	318.64	0	48.851802	-86.945138	56309.46	56247.5	2.47	56311.93	56313.33984	56317.16353	56317.89063	504024.7	5410983.0
L4025.0	504024.7	5410983.0	77686.60156	318.22	0	48.851802	-86.945138	56309.73	56247.5	2.47	56312.20	56313.60938	56320.65634	56321.38281	504024.7	5410983.0
L4025.0	504024.7	5410981.7	77686.70313	318.95	0	48.851791	-86.945137	56309.76	56247.5	2.47	56312.22	56313.63281	56319.45909	56320.18359	504024.7	5410981.7
L4025.0	504024.7	5410980.6	77686.79688	317.46	0	48.851780	-86.945137	56310.04	56247.5	2.46	56312.51	56313.92578	56322.74587	56323.46875	504024.7	5410980.6
L4025.0	504024.7	5410980.6	77686.89844	317.18	0	48.851780	-86.945137	56309.61	56247.5	2.46	56312.07	56313.48828	56313.96479	56314.68359	504024.7	5410980.6
L4025.0	504024.8	5410979.0	77687.00000	316.24	0	48.851766	-86.945136	56309.74	56247.5	2.46	56312.20	56313.61719	56314.63688	56315.35156	504024.8	5410979.0
L4025.0	504024.8	5410977.9	77687.10156	316.08	0	48.851757	-86.945136	56309.84	56247.5	2.46	56312.30	56313.71875	56314.83012	56315.54297	504024.8	5410977.9
L4025.0	504024.9	5410976.1	77687.20313	315.13	0	48.851740	-86.945135	56310.04	56247.5	2.46	56312.50	56313.92188	56316.69477	56317.40625	504024.9	5410976.1
L4025.0	504024.9	5410976.1	77687.29688	315.36	0	48.851740	-86.945135	56310.20	56247.5	2.46	56312.66	56314.08203	56317.91198	56318.61719	504024.9	5410976.1
L4025.0	504024.9	5410974.8	77687.39844	318.82	0	48.851729	-86.945134	56310.32	56247.5	2.46	56312.78	56314.20313	56318.71161	56319.41016	504024.9	5410974.8
L4025.0	504024.9	5410973.2	77687.50000	319.15	0	48.851714	-86.945134	56310.57	56247.5	2.46	56313.03	56314.45313	56323.07387	56323.76953	504024.9	5410973.2
L4025.0	504024.9	5410973.2	77687.60156	318.89	0	48.851714	-86.945134	56310.76	56247.5	2.46	56313.22	56314.64453	56325.87060	56326.55859	504024.9	5410973.2
L4025.0	504025.0	5410972.2	77687.70313	312.85	0	48.851705	-86.945134	56311.14	56247.5	2.46	56313.60	56315.02344	56333.62282	56334.30859	504025.0	5410972.2
L4025.0	504025.0	5410971.1	77687.79688	315.33	0	48.851695	-86.945133	56311.01	56247.5	2.46	56313.47	56314.89063	56328.09498	56328.77344	504025.0	5410971.1
L4025.0	504025.0	5410969.8	77687.89844	317.50	0	48.851683	-86.945133	56311.00	56247.5	2.46	56313.46	56314.88281	56325.72308	56326.39453	504025.0	5410969.8
L4025.0	504025.1	5410968.3	77688.00000	319.04	0	48.851670	-86.945133	56310.78	56247.5	2.46	56313.24	56314.66016	56317.95598	56318.62109	504025.1	5410968.3
L4025.0	504025.1	5410968.3	77688.10156	319.13	0	48.851670	-86.945133	56310.88	56247.5	2.46	56313.34	56314.76172	56318.49464	56319.15234	504025.1	5410968.3
L4025.0	504025.1	5410966.9	77688.20313	319.62	0	48.851657	-86.945132	56310.91	56247.5	2.46	56313.37	56314.78906	56317.24868	56317.90234	504025.1	5410966.9
L4025.0	504025.1	5410965.5	77688.20313	319.62	0	48.851645	-86.945132	56310.70	56247.5	2.46	56313.16	56314.57813	56309.88047	56310.52344	504025.1	5410965.5
L4025.0	504025.1	5410964.0	77688.39844	318.53	0	48.851631	-86.945131	56311.24	56247.5	2.46	56313.69	56315.10547	56321.46263	56322.09766	504025.1	5410964.0
L4025.0	504025.1	5410964.0	77688.50000	316.61	0	48.851631	-86.945131	56311.29	56247.5	2.45	56313.74	56315.15625	56320.77377	56321.40234	504025.1	5410964.0
L4025.0	504025.2	5410962.6	77688.60156	316.50	0	48.851619	-86.945131	56311.27	56247.5	2.45	56313.72	56315.13281	56318.32378	56318.94141	504025.2	5410962.6
L4025.0	504025.2	5410961.1	77688.70313	317.23	0	48.851605	-86.945130	56311.12	56247.5	2.45	56313.57	56314.98047	56312.59897	56313.21094	504025.2	5410961.1
L4025.0	504025.2	5410959.7	77688.79688	315.98	0	48.851593	-86.945130	56310.81	56247.5	2.45	56313.26	56314.66797	56302.84982	56303.45313	504025.2	5410959.7
L4025.0	504025.2	5410959.7	77688.89844	315.75	0	48.851593	-86.945130	56310.93	56247.5	2.45	56313.38	56314.78516	56304.01454	56304.60938	504025.2	5410959.7
L4025.0	504025.2	5410958.3	77689.00000	316.00	0	48.851580	-86.945130	56311.29	56247.6	2.45	56313.74	56315.14453	56311.25647	56311.83984	504025.2	5410958.3
L4025.0	504025.2	5410958.3	77689.10156	315.99	0	48.851580	-86.945130	56311.47	56247.5	2.45	56313.92	56315.32031	56313.95093	56314.52344	504025.2	5410958.3
L4025.0	504025.3	5410956.8	77689.20313	315.84	0	48.851567	-86.945130	56311.39	56247.5	2.45	56313.85	56315.25000	56310.32999	56310.89453	504025.3	5410956.8
L4025.0	504025.3	5410955.5	77689.29688	319.05	0	48.851555	-86.945130	56311.95	56247.5	2.45	56314.41	56315.80469	56322.67638	56323.23047	504025.3	5410955.5
L4025.0	504025.3	5410954.2	77689.39844	319.67	0	48.851543	-86.945130	56311.91	56247.5	2.45	56314.36	56315.75000	56319.59067	56320.13672	504025.3	5410954.2
L4025.0	504025.3	5410954.2	77689.50000	319.67	0	48.851543	-86.945130	56312.06	56247.5	2.46	56314.51	56315.89844	56321.59403	56322.12891	504025.3	5410954.2
L4025.0	504025.3	5410952.8	77689.60156	317.37	0	48.851530	-86.945130	56311.95	56247.5	2.46	56314.41	56315.79297	56317.25296	56317.77734	504025.3	5410952.8
L4025.0	504025.3	5410950.7	77689.70313	317.45	0	48.851511	-86.945130	56312.14	56247.5	2.46	56314.59	56315.97266	56320.05830	56320.57422	504025.3	5410950.7
L4025.0	504025.3	5410949.8	77689.70313	317.45	0	48.851504	-86.945130	56312.54	56247.5	2.46	56315.00	56316.37891	56328.78742	56329.29297	504025.3	5410949.8
L4025.0	504025.2	5410948.7	77689.79688	316.66	0	48.851493	-86.945130	56313.00	56247.5	2.46	56315.46	56316.83203	56338.87094	56339.36328	504025.2	5410948.7
L4025.0	504025.2	5410948.7	77690.00000	316.70	0	48.851493	-86.945130	56313.34	56247.5	2.46	56315.80	56317.16797	56345.94150	56346.42188	504025.2	5410948.7
L4025.0	504025.2	5410946.8	77690.10156	316.70	0	48.851476	-86.945130	56313.13	56247.5	2.46	56315.59	56316.95313	56338.85629	56339.32813	504025.2	5410946.8
L4025.0	504025.2	5410945.2	77690.20313	318.12	0	48.851462	-86.945130	56312.80	56247.5	2.46	56315.26	56316.62109	56328.63632	56329.09766	504025.2	5410945.2
L4025.0	504025.2	5410945.2	77690.20313	318.12	0	48.851462	-86.945130	56312.72	56247.5	2.46	56315.18	56316.53516	56324.87604	56325.32813	504025.2	5410945.2
L4025.0	504025.2	5410943.4	77690.29688	318.12	0	48.851446	-86.945130	56312.62	56247.5	2.46	56315.08	56316.42969	56320.59566	56321.03516	504025.2	5410943.4
L4025.0	504025.2	5410942.1	77690.39844	318.17	0	48.851435	-86.945130	56312.39	56247.5	2.46	56314.86	56316.20703	56313.18790	56313.61719	504025.2	5410942.1
L4025.0	504025.2	5410942.1	77690.60156	317.76	0	48.851435	-86.945130	56312.39	56247.5	2.47	56314.85	56316.19141	56311.26922	56311.68750	504025.2	5410942.1
L4025.0	504025.2	5410940.8	77690.70313	316.93	0	48.851423	-86.945130	56312.59	56247.5	2.47	56315.06	56316.39453	56315.13223	56315.54297	504025.2	5410940.8
L4025.0	504025.2	5410939.5	77690.79688	315.66	0	48.851411	-86.945130	56312.75	56247.5	2.47	56315.21	56316.54297	56317.46018	56317.85938	504025.2	5410939.5
L4025.0	504025.3	5410938.0	77690.89844	317.57	0	48.851398	-86.945130	56312.48	56247.5	2.47	56314.95	56316.27734	56313.89792	56314.28516	504025.3	5410938.0
L4025.0	504025.3	5410936.9	77691.00000	318.22	0	48.851387	-86.945130	56312.18	56247.5	2.47	56314.65	56315.96875	56308.01354	56308.39063	504025.3	5410936.9
L4025.0	504025.3	5410936.9	77691.10156	318.41	0	48.851387	-86.945130	56312.06	56247.5	2.47	56314.52	56315.83594	56304.94263	56305.30859	504025.3	5410936.9
L4025.0	504025.3	5410935.3	77691.20313	317.74	0	48.851373	-86.945130	56312.16	56247.5	2.46	56314.63	56315.94141	56305.84944	56306.20703	504025.3	5410935.3
L4025.0	504025.3	5410933.5	77691.29688	316.50	0	48.851357	-86.945129	56312.72	56247.5	2.46	56315.18	56316.48438	56314.06417	56314.41016	504025.3	5410933.5
L4025.0	504025.3	5410933.5	77691.39844	318.89	0	48.851357	-86.945129	56313.72	56247.5	2.46	56316.18	56317.47656	56329.79154	56330.12500	504025.3	5410933.5
L4025.0	504025.3	5410932.1	77691.50000	318.10	0	48.851344	-86.945129	56314.07	56247.5	2.46	56316.53	56317.82422	56334.77773	56335.10156	504025.3	5410932.1
L4025.0	504025.3	5410930.8	77691.60156	316.81	0	48.851332	-86.945129	56314.20	56247.5	2.45	56316.65	56317.93750	56335.96633	56336.28125	504025.3	5410930.8
L4025.0	504025.3	5410930.8	77691.70313	316.93	0	48.851332	-86.945129	56313.79	56247.6	2.45	56316.23	56317.51172	56328.14779	56328.45313	504025.3	5410930.8
L4025.0	504025.3	5410928.4	77691.79688	317.27	0	48.851311	-86.945129	56313.31	56247.6	2.45	56315.76	56317.03516	56319.46734	56319.76172	504025.3	5410928.4
L4025.0	504025.3	5410928.4	77691.89844	317.41	0	48.851311	-86.945129	56312.72	56247.6	2.44	56315.16	56316.42969	56308.57426	56308.85938	504025.3	5410928.4
L4025.0	504025.3	5410926.4	77692.00000	315.78	0	48.851293	-86.945129	56313.13	56247.6	2.44	56315.57	56316.83203	56314.65131	56314.92578	504025.3	5410926.4
L4025.0	504025.3	5410925.1	77692.10156	315.02	0	48.851281	-86.945129	56313.59	56247.6	2.44	56316.03	56317.28516	56321.61006	56321.87500	504025.3	5410925.1
L4025.0	504025.3	5410925.1	77692.20313	317.09	0	48.851281	-86.945129	56314.07	56247.6	2.45	56316.52	56317.76953	56329.10926	56329.36719	504025.3	5410925.1
L4025.0	504025.3	5410923.5	77692.20313	317.09	0	48.851267	-86.945129	56314.36	56247.6	2.45	56316.80	56318.04297	56333.08214	56333.32813	504025.3	5410923.5
L4025.0	504025.3	5410923.5	77692.39844	313.65	0	48.851267	-86.945129	56314.56	56247.5	2.45	56317.01	56318.24609	56335.87681	56336.11328	504025.3	5410923.5
L4025.0	504025.3	5410922.0	77692.50000	319.17	0	48.851253	-86.945129	56314.02	56247.5	2.46	56316.47	56317.69922	56325.99531	56326.22266	504025.3	5410922.0
L4025.0	504025.3	5410920.7	77692.60156	319.66	0	48.851241	-86.945129	56314.10	56247.5	2.46	56316.56	56317.78516	56326.77298	56326.99219	504025.3	5410920.7
L4025.0	504025.3	5410920.7	77692.70313	317.75	0	48.851241	-86.945129	56313.67	56247.5	2.46	56316.13	56317.34766	56318.79455	56319.00781	504025.3	5410920.7
L4025.0	504025.3	5410919.4	77692.79688	319.85	0	48.851230	-86.945129	56313.54	56247.5	2.46	56316.00	56317.21094	56315.90357	56316.10547	504025.3	5410919.4

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4025.0	504025.3	5410917.8	77692.89844	319.43	0	48.851215	-86.945130	56313.59	56247.5	2.47	56316.06	56317.26563	56316.22764	56316.42188	504025.3	5410917.8
L4025.0	504025.3	5410916.4	77693.00000	318.56	0	48.851203	-86.945130	56313.76	56247.5	2.47	56316.23	56317.42578	56318.40699	56318.58984	504025.3	5410916.4
L4025.0	504025.2	5410915.1	77693.10156	318.40	0	48.851191	-86.945130	56314.18	56247.5	2.47	56316.65	56317.83984	56324.76981	56324.94531	504025.2	5410915.1
L4025.0	504025.2	5410915.1	77693.20313	319.36	0	48.851191	-86.945130	56314.36	56247.5	2.47	56316.83	56318.01172	56327.11972	56327.28906	504025.2	5410915.1
L4025.0	504025.2	5410913.6	77693.29688	317.98	0	48.851178	-86.945131	56314.43	56247.5	2.47	56316.90	56318.07813	56327.64771	56327.80859	504025.2	5410913.6
L4025.0	504025.2	5410913.6	77693.39844	316.79	0	48.851178	-86.945131	56314.43	56247.5	2.47	56316.90	56318.07031	56327.02959	56327.18359	504025.2	5410913.6
L4025.0	504025.2	5410911.8	77693.50000	317.04	0	48.851162	-86.945131	56314.38	56247.5	2.47	56316.85	56318.01172	56325.60068	56325.74609	504025.2	5410911.8
L4025.0	504025.2	5410910.5	77693.60156	317.08	0	48.851150	-86.945132	56313.84	56247.5	2.47	56316.31	56317.46484	56316.04655	56316.18359	504025.2	5410910.5
L4025.0	504025.1	5410908.8	77693.70313	314.55	0	48.851135	-86.945132	56313.52	56247.5	2.47	56315.99	56317.14063	56310.16548	56310.29688	504025.1	5410908.8
L4025.0	504025.1	5410908.8	77693.79688	314.75	0	48.851135	-86.945132	56313.79	56247.5	2.47	56316.26	56317.40234	56314.10784	56314.23047	504025.1	5410908.8
L4025.0	504025.1	5410907.3	77693.89844	314.98	0	48.851121	-86.945132	56313.95	56247.5	2.47	56316.42	56317.55469	56316.23834	56316.35156	504025.1	5410907.3
L4025.0	504025.1	5410905.9	77694.00000	316.68	0	48.851109	-86.945132	56314.18	56247.5	2.47	56316.65	56317.77734	56319.55380	56319.66016	504025.1	5410905.9
L4025.0	504025.1	5410905.9	77694.10156	316.81	0	48.851109	-86.945132	56314.18	56247.5	2.47	56316.65	56317.76953	56319.05718	56319.15625	504025.1	5410905.9
L4025.0	504025.1	5410904.2	77694.20313	316.62	0	48.851093	-86.945133	56314.43	56247.5	2.47	56316.90	56318.01172	56322.75201	56322.84375	504025.1	5410904.2
L4025.0	504025.1	5410902.5	77694.20313	316.62	0	48.851078	-86.945133	56314.38	56247.5	2.47	56316.85	56317.95703	56321.45711	56321.54297	504025.1	5410902.5
L4025.0	504025.0	5410901.4	77694.29688	319.01	0	48.851068	-86.945133	56314.43	56247.5	2.47	56316.90	56318.00000	56321.85160	56321.92969	504025.0	5410901.4
L4025.0	504025.0	5410901.4	77694.50000	320.85	0	48.851068	-86.945133	56314.51	56247.5	2.47	56316.98	56318.07031	56322.76897	56322.83984	504025.0	5410901.4
L4025.0	504025.0	5410900.0	77694.60156	319.07	0	48.851055	-86.945133	56314.54	56247.5	2.48	56317.01	56318.09375	56322.86526	56322.92969	504025.0	5410900.0
L4025.0	504025.0	5410898.4	77694.70313	319.37	0	48.851041	-86.945134	56314.51	56247.5	2.48	56316.99	56318.06641	56322.13568	56322.19141	504025.0	5410898.4
L4025.0	504025.0	5410898.4	77694.79688	319.31	0	48.851041	-86.945134	56314.38	56247.5	2.48	56316.86	56317.92969	56319.56502	56319.61719	504025.0	5410898.4
L4025.0	504025.0	5410896.6	77694.89844	319.10	0	48.851025	-86.945134	56314.33	56247.5	2.48	56316.81	56317.87500	56318.35803	56318.40234	504025.0	5410896.6
L4025.0	504024.9	5410895.4	77695.00000	319.10	0	48.851014	-86.945135	56314.54	56247.5	2.48	56317.02	56318.07422	56321.55742	56321.58984	504024.9	5410895.4
L4025.0	504024.9	5410894.0	77695.10156	320.87	0	48.851002	-86.945135	56314.64	56247.5	2.48	56317.11	56318.16016	56322.74626	56322.77344	504024.9	5410894.0
L4025.0	504024.9	5410892.8	77695.20313	320.64	0	48.850991	-86.945135	56314.71	56247.5	2.47	56317.19	56318.23047	56323.77916	56323.80078	504024.9	5410892.8
L4025.0	504024.9	5410892.8	77695.29688	319.25	0	48.850991	-86.945135	56314.92	56247.5	2.47	56317.39	56318.42578	56326.83824	56326.85156	504024.9	5410892.8
L4025.0	504024.9	5410891.0	77695.39844	317.70	0	48.850974	-86.945136	56315.27	56247.5	2.47	56317.74	56318.76563	56332.40255	56332.40625	504024.9	5410891.0
L4025.0	504024.8	5410889.3	77695.50000	318.63	0	48.850959	-86.945136	56315.58	56247.5	2.46	56318.04	56319.05859	56337.10360	56337.10156	504024.8	5410889.3
L4025.0	504024.8	5410889.3	77695.60156	316.18	0	48.850959	-86.945136	56315.40	56247.5	2.46	56317.86	56318.87109	56333.81306	56333.80078	504024.8	5410889.3
L4025.0	504024.8	5410887.7	77695.70313	317.17	0	48.850945	-86.945137	56314.51	56247.5	2.46	56316.97	56317.97266	56318.84944	56318.83203	504024.8	5410887.7
L4025.0	504024.7	5410885.9	77695.79688	316.36	0	48.850929	-86.945138	56313.97	56247.5	2.46	56316.43	56317.42578	56302.91000	56302.88281	504024.7	5410885.9
L4025.0	504024.7	5410885.9	77695.89844	317.38	0	48.850929	-86.945138	56313.84	56247.5	2.45	56316.29	56317.28125	56299.20980	56299.17578	504024.7	5410885.9
L4025.0	504024.7	5410884.4	77696.00000	316.79	0	48.850915	-86.945138	56314.40	56247.6	2.45	56316.85	56317.83203	56313.67964	56313.63672	504024.7	5410884.4
L4025.0	504024.7	5410884.4	77696.10156	316.49	0	48.850915	-86.945138	56314.79	56247.6	2.45	56317.24	56318.21484	56323.68452	56323.63281	504024.7	5410884.4
L4025.0	504024.6	5410882.4	77696.20313	314.96	0	48.850897	-86.945139	56315.17	56247.6	2.45	56317.62	56318.58594	56333.40573	56333.34375	504024.6	5410882.4
L4025.0	504024.6	5410881.2	77696.20313	314.96	0	48.850886	-86.945139	56315.47	56247.6	2.45	56317.92	56318.87891	56341.07842	56341.00781	504024.6	5410881.2
L4025.0	504024.6	5410881.2	77696.39844	316.20	0	48.850886	-86.945139	56315.04	56247.6	2.45	56317.49	56318.44141	56330.07328	56329.99609	504024.6	5410881.2
L4025.0	504024.6	5410879.4	77696.50000	316.12	0	48.850870	-86.945140	56314.43	56247.6	2.45	56316.88	56317.82422	56314.48701	56314.39844	504024.6	5410879.4
L4025.0	504024.5	5410878.1	77696.60156	315.90	0	48.850859	-86.945141	56314.28	56247.6	2.45	56316.73	56317.66797	56310.70987	56310.60938	504024.5	5410878.1
L4025.0	504024.5	5410876.6	77696.70313	314.20	0	48.850845	-86.945141	56314.33	56247.6	2.45	56316.78	56317.71094	56312.08920	56311.98047	504024.5	5410876.6
L4025.0	504024.5	5410876.6	77696.79688	316.18	0	48.850845	-86.945141	56314.72	56247.6	2.45	56317.17	56318.08984	56322.29401	56322.17578	504024.5	5410876.6
L4025.0	504024.4	5410875.0	77696.89844	318.28	0	48.850831	-86.945142	56314.82	56247.6	2.45	56317.27	56318.18359	56325.06754	56324.93750	504024.4	5410875.0
L4025.0	504024.4	5410872.9	77697.00000	318.56	0	48.850812	-86.945142	56315.04	56247.6	2.45	56317.49	56318.39453	56331.02501	56330.88672	504024.4	5410872.9
L4025.0	504024.4	5410872.9	77697.10156	318.19	0	48.850812	-86.945142	56315.07	56247.5	2.45	56317.52	56318.41797	56327.97531	56327.82422	504024.4	5410872.9
L4025.0	504024.4	5410871.6	77697.20313	318.67	0	48.850800	-86.945143	56314.86	56247.5	2.46	56317.32	56318.21094	56324.92275	56324.76172	504024.4	5410871.6
L4025.0	504024.4	5410870.1	77697.29688	317.57	0	48.850787	-86.945143	56314.38	56247.5	2.46	56316.84	56317.72266	56317.18987	56317.01953	504024.4	5410870.1
L4025.0	504024.4	5410870.1	77697.39844	318.92	0	48.850787	-86.945143	56314.07	56247.5	2.47	56316.54	56317.41406	56312.42548	56312.24219	504024.4	5410870.1
L4025.0	504024.3	5410868.4	77697.50000	318.92	0	48.850771	-86.945143	56314.00	56247.5	2.47	56316.47	56317.33594	56311.52378	56311.32813	504024.3	5410868.4
L4025.0	504024.3	5410867.0	77697.60156	319.44	0	48.850759	-86.945144	56314.20	56247.5	2.47	56316.67	56317.53125	56315.22257	56315.01563	504024.3	5410867.0
L4025.0	504024.3	5410865.7	77697.70313	319.49	0	48.850747	-86.945144	56314.36	56247.5	2.48	56316.83	56317.68359	56318.30310	56318.08203	504024.3	5410865.7
L4025.0	504024.3	5410865.7	77697.79688	319.10	0	48.850747	-86.945144	56314.79	56247.5	2.48	56317.27	56318.11328	56326.21928	56325.98828	504024.3	5410865.7
L4025.0	504024.3	5410863.7	77697.89844	317.92	0	48.850729	-86.945144	56314.79	56247.5	2.49	56317.27	56318.10547	56326.67113	56326.42578	504024.3	5410863.7
L4025.0	504024.3	5410863.7	77698.00000	321.23	0	48.850729	-86.945144	56314.58	56247.5	2.49	56317.07	56317.89844	56323.71272	56323.45313	504024.3	5410863.7
L4025.0	504024.3	5410861.8	77698.10156	319.64	0	48.850712	-86.945144	56314.38	56247.5	2.49	56316.87	56317.69141	56320.76637	56320.49219	504024.3	5410861.8
L4025.0	504024.3	5410860.5	77698.20313	317.92	0	48.850700	-86.945144	56314.31	56247.5	2.49	56316.79	56317.60156	56319.90363	56319.61719	504024.3	5410860.5
L4025.0	504024.3	5410858.9	77698.20313	317.92	0	48.850685	-86.945144	56314.31	56247.5	2.49	56316.79	56317.59375	56320.44317	56320.14453	504024.3	5410858.9
L4025.0	504024.3	5410858.9	77698.39844	319.95	0	48.850685	-86.945144	56314.66	56247.5	2.49	56317.15	56317.94531	56327.21004	56326.89453	504024.3	5410858.9
L4025.0	504024.3	5410856.9	77698.50000	319.15	0	48.850668	-86.945144	56315.02	56247.5	2.49	56317.50	56318.28906	56333.82853	56333.50000	504024.3	5410856.9
L4025.0	504024.3	5410856.9	77698.60156	318.27	0	48.850668	-86.945144	56314.79	56247.5	2.48	56317.28	56318.06250	56330.65074	56330.30469	504024.3	5410856.9
L4025.0	504024.3	5410855.6	77698.70313	318.64	0	48.850656	-86.945143	56314.56	56247.5	2.48	56317.04	56317.81250	56327.15304	56326.79297	504024.3	5410855.6
L4025.0	504024.3	5410853.8	77698.79688	318.03	0	48.850640	-86.945143	56314.05	56247.5	2.48	56316.53	56317.29688	56319.03186	56318.65625	504024.3	5410853.8
L4025.0	504024.4	5410852.6	77698.89844	316.18	0	48.850629	-86.945143	56313.76	56247.5	2.48	56316.24	56316.99609	56314.72287	56314.33203	504024.4	5410852.6
L4025.0	504024.4	5410852.6	77699.00000	316.29	0	48.850629	-86.945143	56313.87	56247.5	2.48	56316.35	56317.09766	56317.31923	56316.91406	504024.4	5410852.6
L4025.0	504024.4	5410851.2	77699.10156	317.98	0	48.850617	-86.945143	56314.13	56247.5	2.48	56316.60	56317.33984	56322.34314	56321.92188	504024.4	5410851.2
L4025.0	504024.4	5410849.7	77699.20313	317.38	0	48.850603	-86.945143	56314.31	56247.5	2.48	56316.78	56317.51172	56326.18069	56325.74219	504024.4	5410849.7
L4025.0	504024.4	5410849.7	77699.29688	320.45	0	48.850603	-86.945143	56314.31	56247.5	2.48	56316.78	56317.50391	56326.93888	56326.48438	504024.4	5410849.7
L4025.0	504024.4	5410847.8	77699.39844	319.25	0	48.850586	-86.945142	56314.10	56247.5	2.48	56316.57	56317.28516	56324.10024	56323.62891	504024.4	5410847.8
L4025.0	504024.4	5410846.5	77699.50000	319.87	0	48.850574	-86.945142	56314.07	56247.5	2.48	56316.55	56317.25781	56324.54510	56324.05469	504024.4	5410846.5
L4025.0	504024.4	5410846.5	77699.60156	318.80	0	48.850574	-86.945142	56313.84	56247.5	2.47	56316.32	56317.01953	56321.38934	56320.88281	504024.4	5410846.5
L4025.0	504024.4	5410844.9	77699.70313	316.84	0	48.850560	-86.945142	56313.89	56247.5	2.47	56316.36	56317.05078	56322.89026	56322.36719	504024.4	5410844.9
L4025.0	504024.4	5410844.9	77699.79688	317.81	0	48.850560	-86.945142	56313.59	56247.5	2.47	56316.06	56316.74219	56318.55112	56318.00781	504024.4	5410844.9
L4025.0	504024.5	5410843.1	77699.89844	319.01	0	48.850544	-86.945142	56313.56	56247.5	2.47	56316.03	56316.70703	56318.86536	56318.30469	504024.5	5410843.1
L4025.0	504024.5	5410842.0	77700.00000	319.76	0	48.850533	-86.945142	56313.95	56247.5	2.47	56316.42	56317.08594	56326.40168	56325.82422	504024.5	5410842.0
L4025.0	504024.5	5410840.1	77700.10156	318.89	0	48.850516	-86.945142	56314.18	56247.5	2.47	56316.65	56317.30859	56331.18136	56330.58594	504024.5	5410840.1
L4025.0	504024.5	5410840.1	77700.20313	318.62	0	48.850516	-86.945142	56314.07	56247.5	2.47	56316.54	56317.19141	56330.12108	56329.50781	504024.5	5410840.1
L4025.0	504024.5	5410838.8	77700.20313	318.62	0	48.850505	-86.945142	56313.87	56247.5	2.47	56316.34	56316.98047	56327.52132	56326.89063	504024.5	5410838.8
L4025.0	504024.5	5410837.2	77700.39844	318.67	0	48.850491	-86.945142	56313.79	56247.5	2.47	56316.27	56316.90234	56327.14789	56326.49609	504024.5	5410837.2
L4025.0	504024.5	5410835.6	77700.50000	318.77	0	48.850476	-86.945142	56313.64	56247.5	2.48	56316.12	56316.74609	56325.40844	56324.73828	504024.5	5410835.6
L4025.0	504024.5	5410835.6	77700.60156	318.35	0	48.850476	-86.945142	56313.15	56247.5	2.48	56315.63	56316.24609	56317.89515	56317.20703	504024.5	5410835.6
L4025.0	504024.4	5410834.6	77700.70313	318.41	0	48.850467	-86.945142	56312.72	56247.5	2.48	56315.20	56315.80859	56311.43681	56310.73047	504024.4	5410834.6
L4025.0	504024.4	5410833.0	77700.79688	318.70	0	48.850452	-86.945142	56312.72	56247.5	2.48	56315.20	56315.80078	56312.27588	56311.55078	504024.4	5410833.0
L4025.0	504024.4	5410833.0	77700.89844	317.32	0	48.850452	-86.945142	56313.03	56247.5	2.48	56315.51	56316.10156	56318.32030	56317.57422	504024.4	5410833.0
L4025.0	504024.4	5410831.3	77701.00000	318.00	0	48.850438	-86.945143	56313.05	56247.5	2.48	56315.53	56316.11328	56319.45128	56318.68750	504024.4	5410831.3
L4025.0	504024.4	5410829.8	77701.10156	316.20	0	48.850424	-86.945143	56312.98	56247.5	2.48	56315.46	56316.03516	56319.06102	56318.27734	504024.4	5410829.8
L4025.0	504024.4	5410829.8	77701.20313	319.07	0	48.850424	-86.945143	56312.64	56247.5	2.48	56315.12	56315.68750	56314.17235	56313.37109	504024.4	5410829.8
L4025.0	504024.4	5410828.4	77701.29688	318.60	0	48.850412	-86.945143	56312.48	56247.5	2.48	56314.96	56315.51953	56312.29423	56311.47266	504024.4	5410828.4
L4025.0	504024.4	5410827.1	77701.39844	316.82	0	48.850400	-86.945143	56312.29	56247.5	2.48	56314.76	56315.30859	56310.22253	56309.38281	504024.4	5410827.1
L4025.0	504024.4	5410827.1	77701.50000	314.71	0	48.850400	-86.945143	56312.16	56247.5	2.48	56314.64	56315.17969	56308.80786	56307.94922	504024.4	5410827.1
L4025.0	504024.4	5410825.7	77701.60156	313.42	0	48.850387	-86.945143	56312.36	56247.5	2.47	56314.83	56315.36328	56315.37351	56314.49219	504024.4	5410825.7
L4025.0	504024.4	5410824.2	77701.70313	312.70	0	48.850374	-86.945143	56312.34	56247.5	2.47	56314.81	56315.33203	56316.36169	56315.46484	504024.4	5410824.2
L4025.0	504024.4	5410822.5	77701.79688	313.60	0	48.850358	-86.945142	56312.19	56247.5	2.47	56314.66	56315.17578	56313.89936	56312.98438	504024.4	5410822.5
L4025.0	504024.4	5410822.5	77701.89844	314.05	0	48.850358	-86.945142	56312.06	56247.5	2.47	56314.53	56315.03516	56311.86962	56310.93359	504024.4	5410822.5
L4025.0	504024.4	5410821.3	77702.00000	316.30	0	48.850347	-86.945142	56311.70	56247.5	2.47	56314.17	56314.66797	56303.87879	56302.92578	504024.4	5410821.3
L4025.0	504024.4	5410819.6	77702.10156	315.61	0	48.850333	-86.945142	56311.57	56247.5	2.47	56314.04	56314.53125	56301.68660	56300.71484	504024.4	5410819.6

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4025.0	504024.4	5410819.6	77702.20313	317.36	0	48.850333	-86.945142	56311.39	56247.5	2.47	56313.87	56314.35156	56298.37871	56297.38672	504024.4	5410819.6
L4025.0	504024.5	5410818.4	77702.20313	317.36	0	48.850321	-86.945142	56311.86	56247.5	2.47	56314.33	56314.80469	56310.91193	56309.90234	504024.5	5410818.4
L4025.0	504024.5	5410816.7	77702.39844	317.14	0	48.850306	-86.945142	56311.70	56247.5	2.47	56314.17	56314.63672	56307.62191	56306.59766	504024.5	5410816.7
L4025.0	504024.5	5410815.5	77702.50000	317.48	0	48.850296	-86.945142	56311.88	56247.5	2.47	56314.35	56314.80859	56312.80954	56311.76563	504024.5	5410815.5
L4025.0	504024.5	5410815.5	77702.60156	318.32	0	48.850296	-86.945142	56311.75	56247.5	2.48	56314.23	56314.67969	56310.31965	56309.25781	504024.5	5410815.5
L4025.0	504024.5	5410813.7	77702.70313	316.24	0	48.850280	-86.945141	56311.49	56247.5	2.48	56313.97	56314.41016	56304.19759	56303.12109	504024.5	5410813.7
L4025.0	504024.5	5410812.4	77702.79688	315.18	0	48.850268	-86.945141	56312.03	56247.5	2.48	56314.51	56314.94141	56318.17011	56317.07422	504024.5	5410812.4
L4025.0	504024.5	5410812.4	77702.89844	315.15	0	48.850268	-86.945141	56312.46	56247.5	2.48	56314.94	56315.36328	56329.31415	56328.20313	504024.5	5410812.4
L4025.0	504024.5	5410810.9	77703.00000	315.70	0	48.850254	-86.945141	56312.52	56247.5	2.48	56315.00	56315.41406	56331.05384	56329.92969	504024.5	5410810.9
L4025.0	504024.6	5410809.6	77703.10156	314.93	0	48.850242	-86.945141	56312.31	56247.5	2.48	56314.79	56315.19922	56325.87720	56324.73438	504024.6	5410809.6
L4025.0	504024.6	5410809.6	77703.20313	315.78	0	48.850242	-86.945141	56311.86	56247.5	2.48	56314.34	56314.73828	56314.48816	56313.33203	504024.6	5410809.6
L4025.0	504024.6	5410807.9	77703.29688	316.98	0	48.850227	-86.945140	56311.57	56247.5	2.48	56314.05	56314.44141	56307.06089	56305.89063	504024.6	5410807.9
L4025.0	504024.6	5410806.6	77703.39844	317.83	0	48.850215	-86.945140	56311.14	56247.5	2.48	56313.62	56314.00391	56295.92256	56294.73828	504024.6	5410806.6
L4025.0	504024.7	5410805.1	77703.50000	316.73	0	48.850201	-86.945139	56310.93	56247.5	2.48	56313.41	56313.78516	56290.33198	56289.13281	504024.7	5410805.1
L4025.0	504024.8	5410803.4	77703.60156	316.48	0	48.850187	-86.945138	56311.49	56247.5	2.48	56313.97	56314.33594	56304.67320	56303.46094	504024.8	5410803.4
L4025.0	504024.8	5410803.4	77703.70313	317.30	0	48.850187	-86.945138	56311.98	56247.5	2.48	56314.46	56314.82031	56317.32198	56316.09766	504024.8	5410803.4
L4025.0	504024.8	5410802.2	77703.79688	317.74	0	48.850176	-86.945138	56312.18	56247.5	2.48	56314.66	56315.01172	56321.00504	56319.76953	504024.8	5410802.2
L4025.0	504024.8	5410802.2	77703.89844	320.22	0	48.850176	-86.945138	56312.42	56247.5	2.48	56314.90	56315.24609	56325.32925	56324.08203	504024.8	5410802.2
L4025.0	504024.8	5410800.3	77704.00000	319.34	0	48.850158	-86.945137	56312.23	56247.5	2.48	56314.71	56315.04688	56322.50044	56321.24609	504024.8	5410800.3
L4025.0	504024.9	5410799.3	77704.10156	320.20	0	48.850150	-86.945137	56311.86	56247.5	2.48	56314.34	56314.66797	56316.61208	56315.34766	504024.9	5410799.3
L4025.0	504024.9	5410798.3	77704.20313	320.74	0	48.850141	-86.945136	56312.08	56247.5	2.48	56314.56	56314.88281	56320.58084	56319.30469	504024.9	5410798.3
L4025.0	504024.9	5410798.3	77704.20313	320.74	0	48.850141	-86.945136	56312.11	56247.5	2.48	56314.59	56314.90625	56321.35320	56320.07031	504024.9	5410798.3
L4025.0	504024.9	5410796.9	77704.29688	319.15	0	48.850128	-86.945136	56312.14	56247.5	2.48	56314.62	56314.92578	56322.11127	56320.82031	504024.9	5410796.9
L4025.0	504024.9	5410795.5	77704.50000	317.84	0	48.850116	-86.945136	56312.18	56247.5	2.49	56314.67	56314.96875	56323.19328	56321.89453	504024.9	5410795.5
L4025.0	504024.9	5410794.5	77704.60156	317.20	0	48.850106	-86.945136	56311.72	56247.5	2.49	56314.21	56314.50391	56315.61219	56314.30859	504024.9	5410794.5
L4025.0	504024.9	5410794.5	77704.70313	318.35	0	48.850106	-86.945136	56311.93	56247.5	2.49	56314.41	56314.69531	56319.20440	56317.89453	504024.9	5410794.5
L4025.0	504024.9	5410793.1	77704.79688	319.37	0	48.850094	-86.945136	56312.14	56247.5	2.49	56314.63	56314.91016	56323.12914	56321.81641	504024.9	5410793.1
L4025.0	504024.9	5410791.4	77704.89844	320.52	0	48.850079	-86.945137	56312.26	56247.5	2.49	56314.75	56315.02344	56325.34609	56324.03125	504024.9	5410791.4
L4025.0	504024.8	5410790.2	77705.00000	319.04	0	48.850068	-86.945137	56312.12	56247.5	2.49	56314.61	56314.87500	56323.13433	56321.81641	504024.8	5410790.2
L4025.0	504024.8	5410790.2	77705.10156	319.05	0	48.850068	-86.945137	56312.28	56247.5	2.49	56314.77	56315.03125	56326.01180	56324.69141	504024.8	5410790.2
L4025.0	504024.8	5410788.6	77705.20313	318.65	0	48.850053	-86.945138	56312.44	56247.5	2.49	56314.93	56315.18359	56328.87898	56327.55859	504024.8	5410788.6
L4025.0	504024.8	5410788.6	77705.29688	316.19	0	48.850053	-86.945138	56312.24	56247.5	2.49	56314.73	56314.97656	56325.61395	56324.29297	504024.8	5410788.6
L4025.0	504024.7	5410787.0	77705.39844	316.36	0	48.850039	-86.945138	56312.06	56247.5	2.49	56314.54	56314.78125	56322.50978	56321.19141	504024.7	5410787.0
L4025.0	504024.7	5410785.7	77705.50000	318.89	0	48.850027	-86.945139	56311.90	56247.5	2.49	56314.39	56314.62500	56320.07910	56318.76563	504024.7	5410785.7
L4025.0	504024.7	5410785.7	77705.60156	317.47	0	48.850027	-86.945139	56311.55	56247.5	2.49	56314.04	56314.26953	56314.26318	56312.95313	504024.7	5410785.7
L4025.0	504024.7	5410784.6	77705.70313	315.33	0	48.850017	-86.945139	56311.60	56247.5	2.49	56314.09	56314.31250	56315.22020	56313.91406	504024.7	5410784.6
L4025.0	504024.6	5410783.5	77705.79688	316.97	0	48.850007	-86.945140	56311.83	56247.5	2.49	56314.32	56314.53906	56319.18806	56317.88672	504024.6	5410783.5
L4025.0	504024.6	5410783.5	77705.89844	317.76	0	48.850007	-86.945140	56311.65	56247.5	2.49	56314.14	56314.35156	56316.26008	56314.96484	504024.6	5410783.5
L4025.0	504024.6	5410782.0	77706.00000	317.95	0	48.849994	-86.945140	56311.55	56247.5	2.49	56314.04	56314.24609	56314.68813	56313.40234	504024.6	5410782.0
L4025.0	504024.6	5410782.0	77706.10156	317.75	0	48.849994	-86.945140	56310.98	56247.5	2.49	56313.47	56313.67188	56299.99203	56298.71484	504024.6	5410782.0
L4025.0	504024.5	5410780.6	77706.20313	319.82	0	48.849981	-86.945141	56310.78	56247.5	2.49	56313.27	56313.46484	56295.57848	56294.31250	504024.5	5410780.6
L4025.0	504024.5	5410779.4	77706.20313	319.82	0	48.849970	-86.945142	56310.86	56247.5	2.49	56313.35	56313.54297	56298.44428	56297.18750	504024.5	5410779.4
L4025.0	504024.5	5410778.4	77706.39844	320.39	0	48.849962	-86.945142	56311.24	56247.5	2.49	56313.73	56313.91797	56308.90875	56307.66797	504024.5	5410778.4
L4025.0	504024.5	5410778.4	77706.50000	318.31	0	48.849962	-86.945142	56311.70	56247.5	2.49	56314.19	56314.37109	56321.18660	56319.95703	504024.5	5410778.4
L4025.0	504024.4	5410777.2	77706.60156	318.60	0	48.849951	-86.945143	56311.80	56247.5	2.49	56314.29	56314.46875	56324.16142	56322.94922	504024.4	5410777.2
L4025.0	504024.4	5410776.0	77706.70313	317.15	0	48.849940	-86.945144	56311.80	56247.5	2.49	56314.29	56314.46484	56324.55021	56323.35547	504024.4	5410776.0
L4025.0	504024.3	5410775.0	77706.79688	315.68	0	48.849931	-86.945144	56311.29	56247.5	2.49	56313.78	56313.94922	56312.25241	56311.07422	504024.3	5410775.0
L4025.0	504024.3	5410775.0	77706.89844	315.63	0	48.849931	-86.945144	56310.81	56247.5	2.49	56313.30	56313.46484	56300.80097	56299.64063	504024.3	5410775.0
L4025.0	504024.3	5410773.9	77707.00000	315.28	0	48.849921	-86.945144	56310.45	56247.5	2.49	56312.94	56313.10156	56292.35486	56291.21484	504024.3	5410773.9
L4025.0	504024.3	5410773.9	77707.10156	314.34	0	48.849921	-86.945144	56310.93	56247.5	2.49	56313.42	56313.57813	56304.40866	56303.29297	504024.3	5410773.9
L4025.0	504024.3	5410772.7	77707.20313	312.88	0	48.849911	-86.945145	56311.14	56247.5	2.49	56313.63	56313.78516	56309.74391	56308.64844	504024.3	5410772.7
L4025.0	504024.2	5410771.6	77707.29688	312.74	0	48.849901	-86.945146	56311.27	56247.5	2.49	56313.76	56313.91406	56313.05421	56311.98438	504024.2	5410771.6
L4025.0	504024.2	5410770.4	77707.39844	310.44	0	48.849889	-86.945146	56311.34	56247.5	2.49	56313.84	56313.98828	56315.08961	56314.04688	504024.2	5410770.4
L4025.0	504024.2	5410770.4	77707.50000	311.87	0	48.849889	-86.945146	56311.32	56247.5	2.50	56313.82	56313.96875	56314.65737	56313.64063	504024.2	5410770.4
L4025.0	504024.1	5410769.2	77707.60156	313.91	0	48.849879	-86.945147	56311.24	56247.5	2.50	56313.73	56313.87500	56312.50388	56311.51563	504024.1	5410769.2
L4025.0	504024.1	5410768.2	77707.70313	314.57	0	48.849870	-86.945147	56311.01	56247.5	2.50	56313.51	56313.65234	56307.22064	56306.26172	504024.1	5410768.2
L4025.0	504024.1	5410768.2	77707.79688	312.84	0	48.849870	-86.945147	56310.93	56247.5	2.50	56313.42	56313.55859	56305.06585	56304.13672	504024.1	5410768.2
L4025.0	504024.1	5410767.4	77707.89844	314.47	0	48.849863	-86.945148	56310.73	56247.5	2.50	56313.23	56313.36719	56300.57097	56299.67578	504024.1	5410767.4
L4025.0	504024.0	5410766.1	77708.00000	314.88	0	48.849851	-86.945149	56311.21	56247.5	2.50	56313.71	56313.84766	56311.83374	56310.97266	504024.0	5410766.1
L4025.0	504024.0	5410766.1	77708.10156	318.12	0	48.849851	-86.945149	56311.34	56247.5	2.50	56313.84	56313.97656	56314.76103	56313.93359	504024.0	5410766.1
L4025.0	504024.0	5410765.2	77708.20313	318.18	0	48.849843	-86.945149	56312.11	56247.5	2.50	56314.61	56314.74219	56332.17507	56331.38281	504024.0	5410765.2
L4025.0	504023.9	5410764.1	77708.20313	318.18	0	48.849833	-86.945150	56312.03	56247.5	2.50	56314.53	56314.66406	56329.96058	56329.20703	504023.9	5410764.1
L4025.0	504023.9	5410764.1	77708.39844	318.62	0	48.849833	-86.945150	56311.80	56247.5	2.50	56314.30	56314.43359	56324.50319	56323.78906	504023.9	5410764.1
L4025.0	504023.8	5410763.3	77708.50000	319.24	0	48.849825	-86.945151	56311.58	56247.5	2.50	56314.08	56314.21094	56319.47825	56318.80859	504023.8	5410763.3
L4025.0	504023.8	5410763.3	77708.60156	318.65	0	48.849825	-86.945151	56311.62	56247.5	2.50	56314.12	56314.25000	56320.11565	56319.48438	504023.8	5410763.3
L4025.0	504023.8	5410762.1	77708.70313	316.56	0	48.849815	-86.945152	56311.52	56247.5	2.50	56314.02	56314.15234	56317.89072	56317.30469	504023.8	5410762.1
L4025.0	504023.7	5410761.1	77708.79688	314.92	0	48.849806	-86.945153	56311.57	56247.5	2.50	56314.07	56314.20313	56318.75339	56318.21094	504023.7	5410761.1
L4025.0	504023.7	5410761.1	77708.89844	315.54	0	48.849806	-86.945153	56311.39	56247.5	2.50	56313.89	56314.02344	56315.21528	56314.72266	504023.7	5410761.1
L4025.0	504023.6	5410760.2	77709.00000	312.44	0	48.849798	-86.945154	56311.44	56247.5	2.50	56313.94	56314.07031	56316.15488	56315.70703	504023.6	5410760.2
L4025.0	504023.6	5410759.5	77709.10156	309.62	0	48.849791	-86.945155	56311.80	56247.5	2.50	56314.30	56314.43359	56322.55533	56322.16016	504023.6	5410759.5
L4025.0	504023.5	5410758.5	77709.20313	307.02	0	48.849783	-86.945156	56311.49	56247.5	2.50	56313.99	56314.12500	56317.08778	56316.74219	504023.5	5410758.5
L4025.0	504023.4	5410757.9	77709.29688	306.13	0	48.849777	-86.945156	56311.44	56247.5	2.50	56313.94	56314.07422	56316.31900	56316.02344	504023.4	5410757.9
L4025.0	504023.4	5410757.9	77709.39844	304.63	0	48.849777	-86.945156	56311.60	56247.5	2.50	56314.10	56314.23438	56319.01567	56318.77344	504023.4	5410757.9
L4025.0	504023.4	5410757.1	77709.50000	304.64	0	48.849770	-86.945157	56311.24	56247.5	2.50	56313.74	56313.87891	56313.46333	56313.27734	504023.4	5410757.1
L4025.0	504023.3	5410756.4	77709.60156	302.81	0	48.849764	-86.945158	56311.37	56247.5	2.51	56313.87	56314.00781	56315.72658	56315.59766	504023.3	5410756.4
L4025.0	504023.3	5410756.4	77709.70313	302.51	0	48.849764	-86.945158	56311.24	56247.5	2.51	56313.74	56313.88281	56314.01255	56313.94141	504023.3	5410756.4
L4025.0	504023.3	5410755.5	77709.79688	305.69	0	48.849756	-86.945159	56311.29	56247.5	2.51	56313.80	56313.94531	56315.24144	56315.22656	504023.3	5410755.5
L4025.0	504023.2	5410754.7	77709.89844	306.66	0	48.849749	-86.945160	56310.98	56247.5	2.51	56313.49	56313.63672	56310.86750	56310.91406	504023.2	5410754.7
L4025.0	504023.1	5410753.9	77710.00000	305.01	0	48.849741	-86.945161	56310.78	56247.5	2.51	56313.29	56313.43750	56308.10279	56308.21094	504023.1	5410753.9
L4025.0	504023.1	5410753.1	77710.10156	305.87	0	48.849734	-86.945162	56310.88	56247.5	2.51	56313.39	56313.54297	56309.98274	56310.15625	504023.1	5410753.1
L4025.0	504023.1	5410753.1	77710.20313	307.64	0	48.849734	-86.945162	56310.93	56247.5	2.51	56313.44	56313.59375	56311.15510	56311.39063	504023.1	5410753.1
L4025.0	504023.0	5410752.3	77710.20313	307.64	0	48.849727	-86.945162	56311.09	56247.5	2.51	56313.60	56313.75781	56314.32909	56314.62891	504023.0	5410752.3
L4025.0	504023.0	5410751.5	77710.39844	312.34	0	48.849719	-86.945163	56310.68	56247.5	2.51	56313.19	56313.35156	56307.54914	56307.91797	504023.0	5410751.5
L4025.0	504023.0	5410751.5	77710.50000	311.40	0	48.849719	-86.945163	56310.98	56247.5	2.51	56313.49	56313.65625	56313.55853	56313.99609	504023.0	5410751.5
L4025.0	504022.9	5410750.8	77710.60156	311.89	0	48.849713	-86.945164	56311.06	56247.5	2.51	56313.57	56313.73828	56315.84244	56316.34766	504022.9	5410750.8
L4025.0	504022.9	5410750.8	77710.70313	311.81	0	48.849713	-86.945164	56311.24	56247.5	2.51	56313.75	56313.92578	56320.48366	56321.05859	504022.9	5410750.8
L4025.0	504022.9	5410750.1	77710.79688	315.32	0	48.849707	-86.945164	56311.21	56247.5	2.51	56313.72	56313.89844	56320.97282	56321.62109	504022.9	5410750.1
L4025.0	504022.9	5410749.4	77710.89844	315.19	0	48.849701	-86.945164	56311.12	56247.5	2.51	56313.63	56313.81250	56320.10336	56320.82422	504022.9	5410749.4
L4025.0	504022.9	5410748.8	77711.00000	317.00	0	48.849695	-86.945165	56310.84	56247.5	2.51	56313.35	56313.53906	56314.55254	56315.34766	504022.9	5410748.8
L4025.0	504022.8	5410748.2	77711.10156	316.98	0	48.849690	-86.945165	56310.96	56247.5	2.51	56313.47	56313.66406	56318.54221	56319.41406	504022.8	5410748.2
L4025.0	504022.8	5410748.2	77711.20313	317.33	0	48.849690	-86.945165	56310.32	56247.5	2.51	56312.83	56313.02734	56303.13133	56304.07813	504022.8	5410748.2
L4025.0	504022.8	5410747.5	77711.29688	319.83	0	48.849684	-86.945165	56310.38	56247.5	2.51	56312.89	56313.09375	56308.91158	56309.93750	504022.8	5410747.5
L4025.0	504022.8	5410747.0	77711.39844	321.89	0	48.849679	-86.945165	56310.42	56247.5	2.51	56312.93	56313.14063	56310.03240	56311.13672	504022.8	5410747.0

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4025.0	504022.8	5410747.0	77711.50000	323.02	0	48.849679	-86.945165	56310.35	56247.5	2.51	56312.86	56313.07422	56309.30149	56310.48438	504022.8	5410747.0
L4025.0	504022.8	5410746.5	77711.60156	321.90	0	48.849675	-86.945165	56310.78	56247.5	2.51	56313.29	56313.51172	56317.45314	56318.71875	504022.8	5410746.5
L4025.0	504022.8	5410745.8	77711.70313	323.12	0	48.849669	-86.945165	56310.39	56247.5	2.51	56312.90	56313.12891	56311.08192	56312.42969	504022.8	5410745.8
L4025.0	504022.8	5410745.8	77711.79688	324.50	0	48.849669	-86.945165	56310.58	56247.5	2.51	56313.09	56313.32422	56315.08285	56316.51172	504022.8	5410745.8
L4025.0	504022.8	5410745.3	77711.89844	322.60	0	48.849664	-86.945165	56310.27	56247.5	2.51	56312.78	56313.01953	56310.08968	56311.60547	504022.8	5410745.3
L4025.0	504022.8	5410744.7	77712.00000	319.34	0	48.849659	-86.945165	56310.38	56247.5	2.51	56312.89	56313.13672	56312.66313	56314.26172	504022.8	5410744.7
L4025.0	504022.8	5410743.9	77712.10156	320.94	0	48.849651	-86.945165	56310.43	56247.5	2.51	56312.94	56313.19531	56314.13538	56315.82031	504022.8	5410743.9
L4025.0	504022.8	5410743.9	77712.20313	321.78	0	48.849651	-86.945165	56310.34	56247.5	2.52	56312.86	56313.12109	56313.29215	56315.06641	504022.8	5410743.9
L4025.0	504022.8	5410743.5	77712.20313	321.78	0	48.849648	-86.945166	56310.43	56247.5	2.52	56312.94	56313.21094	56315.22701	56317.08984	504022.8	5410743.5
L4025.0	504022.8	5410743.1	77712.39844	322.93	0	48.849644	-86.945166	56310.04	56247.5	2.53	56312.57	56312.84766	56309.46444	56311.41797	504022.8	5410743.1
L4025.0	504022.8	5410743.1	77712.50000	321.79	0	48.849644	-86.945166	56310.17	56247.5	2.53	56312.70	56312.98438	56312.22122	56314.26172	504022.8	5410743.1
L4025.0	504022.8	5410742.6	77712.60156	321.76	0	48.849640	-86.945166	56310.06	56247.5	2.53	56312.60	56312.89063	56310.12469	56312.25781	504022.8	5410742.6
L4025.0	504022.7	5410742.1	77712.70313	321.44	0	48.849635	-86.945167	56310.12	56247.5	2.54	56312.66	56312.96094	56312.55807	56314.78516	504022.7	5410742.1
L4025.0	504022.7	5410741.6	77712.79688	318.43	0	48.849631	-86.945167	56310.19	56247.5	2.54	56312.73	56313.03906	56315.16863	56317.48828	504022.7	5410741.6
L4025.0	504022.7	5410741.6	77712.89844	316.15	0	48.849631	-86.945167	56309.96	56247.5	2.55	56312.51	56312.82813	56310.46656	56312.87891	504022.7	5410741.6
L4025.0	504022.6	5410741.3	77713.00000	313.28	0	48.849628	-86.945168	56310.32	56247.4	2.55	56312.87	56313.19531	56320.26464	56322.76953	504022.6	5410741.3
L4025.0	504022.6	5410740.8	77713.10156	311.29	0	48.849624	-86.945168	56309.96	56247.4	2.55	56312.51	56312.84375	56312.10991	56314.71094	504022.6	5410740.8
L4025.0	504022.5	5410740.4	77713.20313	310.08	0	48.849620	-86.945169	56309.93	56247.4	2.55	56312.48	56312.82031	56312.16907	56314.86719	504022.5	5410740.4
L4025.0	504022.5	5410740.4	77713.29688	308.54	0	48.849620	-86.945169	56309.87	56247.4	2.55	56312.42	56312.76953	56311.46223	56314.25781	504022.5	5410740.4
L4025.0	504022.5	5410740.0	77713.39844	308.96	0	48.849616	-86.945170	56309.61	56247.4	2.55	56312.16	56312.51953	56305.59738	56308.48828	504022.5	5410740.0
L4025.0	504022.5	5410740.0	77713.50000	309.61	0	48.849616	-86.945170	56309.91	56247.4	2.55	56312.46	56312.82813	56314.12664	56317.11719	504022.5	5410740.0
L4025.0	504022.4	5410739.5	77713.60156	313.29	0	48.849612	-86.945171	56309.82	56247.4	2.55	56312.37	56312.75000	56311.89466	56314.98438	504022.4	5410739.5
L4025.0	504022.3	5410739.2	77713.70313	313.36	0	48.849609	-86.945172	56309.86	56247.4	2.55	56312.41	56312.79688	56312.94760	56316.13672	504022.3	5410739.2
L4025.0	504022.3	5410738.8	77713.79688	315.27	0	48.849605	-86.945173	56309.96	56247.4	2.55	56312.51	56312.90625	56315.07683	56318.36719	504022.3	5410738.8
L4025.0	504022.2	5410738.4	77713.89844	318.27	0	48.849602	-86.945174	56309.81	56247.4	2.55	56312.36	56312.76563	56312.79863	56316.18750	504022.2	5410738.4
L4025.0	504022.1	5410738.2	77714.00000	323.37	0	48.849600	-86.945175	56310.04	56247.4	2.55	56312.59	56313.00391	56317.35831	56320.85156	504022.1	5410738.2
L4025.0	504022.1	5410738.2	77714.10156	322.99	0	48.849600	-86.945175	56309.89	56247.4	2.55	56312.44	56312.86719	56314.96104	56318.55469	504022.1	5410738.2
L4025.0	504022.1	5410738.0	77714.20313	327.32	0	48.849598	-86.945175	56309.32	56247.4	2.55	56311.88	56312.31641	56304.56863	56308.26563	504022.1	5410738.0
L4025.0	504022.0	5410737.7	77714.20313	327.32	0	48.849596	-86.945176	56309.68	56247.4	2.55	56312.23	56312.67578	56311.50361	56315.30078	504022.0	5410737.7
L4025.0	504021.9	5410737.5	77714.29688	328.68	0	48.849593	-86.945177	56309.48	56247.4	2.55	56312.03	56312.48438	56307.74982	56311.65234	504021.9	5410737.5
L4025.0	504021.9	5410737.5	77714.50000	328.79	0	48.849593	-86.945177	56309.61	56247.4	2.56	56312.16	56312.62500	56310.48375	56314.48828	504021.9	5410737.5
L4025.0	504021.8	5410737.1	77714.60156	328.63	0	48.849590	-86.945179	56309.56	56247.4	2.56	56312.11	56312.58594	56309.60738	56313.71484	504021.8	5410737.1
L4025.0	504021.8	5410736.9	77714.70313	327.78	0	48.849588	-86.945180	56309.38	56247.4	2.56	56311.94	56312.42578	56306.27016	56310.48438	504021.8	5410736.9
L4025.0	504021.8	5410736.9	77714.79688	325.25	0	48.849588	-86.945180	56309.63	56247.4	2.56	56312.19	56312.68359	56311.38881	56315.70703	504021.8	5410736.9
L4025.0	504021.7	5410736.6	77714.89844	324.58	0	48.849586	-86.945181	56309.32	56247.4	2.56	56311.88	56312.38672	56305.22664	56309.64844	504021.7	5410736.6
L4025.0	504021.6	5410736.4	77715.00000	324.02	0	48.849584	-86.945181	56309.59	56247.4	2.56	56312.15	56312.66406	56310.62222	56315.14844	504021.6	5410736.4
L4025.0	504021.6	5410736.4	77715.10156	323.02	0	48.849584	-86.945181	56309.40	56247.4	2.56	56311.96	56312.48438	56306.93570	56311.56641	504021.6	5410736.4
L4025.0	504021.6	5410736.2	77715.20313	323.34	0	48.849582	-86.945182	56308.82	56247.4	2.56	56311.38	56311.91406	56296.11054	56300.84766	504021.6	5410736.2
L4025.0	504021.5	5410736.0	77715.29688	321.68	0	48.849581	-86.945183	56308.69	56247.4	2.57	56311.25	56311.79688	56294.14531	56298.98828	504021.5	5410736.0
L4025.0	504021.5	5410736.0	77715.39844	320.99	0	48.849581	-86.945183	56308.64	56247.4	2.57	56311.21	56311.76563	56293.96403	56298.91406	504021.5	5410736.0
L4025.0	504021.5	5410735.9	77715.50000	319.04	0	48.849579	-86.945183	56309.12	56247.4	2.57	56311.69	56312.25781	56302.55941	56307.61328	504021.5	5410735.9
L4025.0	504021.4	5410735.8	77715.60156	316.78	0	48.849578	-86.945184	56309.30	56247.4	2.57	56311.87	56312.44922	56306.41367	56311.57422	504021.4	5410735.8
L4030.0	504031.5	5410474.3	41763.50000	289.90	0	48.847226	-86.945050	56265.05	56244.2	5.76	56270.81	56268.32422	56273.49000	56265.48438	504031.5	5410474.3
L4030.0	504031.5	5410474.3	41763.60156	290.19	0	48.847226	-86.945050	56265.46	56244.2	5.76	56271.22	56268.80859	56273.02167	56265.16016	504031.5	5410474.3
L4030.0	504031.6	5410474.2	41763.69922	290.03	0	48.847225	-86.945049	56265.25	56244.2	5.76	56271.01	56268.67188	56272.57030	56264.84766	504031.6	5410474.2
L4030.0	504031.7	5410474.0	41763.80078	288.33	0	48.847223	-86.945047	56265.05	56244.2	5.75	56270.81	56268.54688	56272.12705	56264.54688	504031.7	5410474.0
L4030.0	504031.7	5410474.0	41763.89844	287.17	0	48.847223	-86.945047	56265.02	56244.2	5.75	56270.77	56268.58203	56271.69022	56264.25000	504031.7	5410474.0
L4030.0	504031.7	5410473.8	41764.00000	287.39	0	48.847221	-86.945046	56264.92	56244.3	5.75	56270.67	56268.55469	56271.26305	56263.96484	504031.7	5410473.8
L4030.0	504031.8	5410473.7	41764.10156	287.90	0	48.847220	-86.945045	56264.25	56244.2	5.75	56270.00	56267.96094	56270.84748	56263.68750	504031.8	5410473.7
L4030.0	504031.8	5410473.6	41764.19922	289.19	0	48.847219	-86.945045	56263.81	56244.2	5.75	56269.56	56267.59375	56270.43586	56263.41797	504031.8	5410473.6
L4030.0	504031.8	5410473.6	41764.30078	290.29	0	48.847219	-86.945045	56263.44	56244.2	5.75	56269.19	56267.29688	56270.02961	56263.14844	504031.8	5410473.6
L4030.0	504031.8	5410473.5	41764.39844	290.32	0	48.847218	-86.945045	56263.62	56244.2	5.75	56269.38	56267.56250	56269.63832	56262.89844	504031.8	5410473.5
L4030.0	504031.9	5410473.4	41764.39844	290.32	0	48.847218	-86.945045	56263.88	56244.2	5.75	56269.63	56267.88672	56269.26510	56262.66406	504031.9	5410473.4
L4030.0	504031.9	5410473.3	41764.60156	287.83	0	48.847217	-86.945044	56264.25	56244.2	5.76	56270.01	56268.33984	56268.91788	56262.45703	504031.9	5410473.3
L4030.0	504031.9	5410473.2	41764.69922	292.45	0	48.847216	-86.945044	56264.05	56244.2	5.76	56269.80	56268.20313	56268.56472	56262.23828	504031.9	5410473.2
L4030.0	504031.9	5410473.2	41764.80078	289.84	0	48.847216	-86.945044	56263.50	56244.2	5.76	56269.25	56267.72656	56268.19760	56262.01172	504031.9	5410473.2
L4030.0	504031.9	5410473.0	41764.89844	288.33	0	48.847214	-86.945044	56263.03	56244.2	5.76	56268.79	56267.33984	56267.83725	56261.78906	504031.9	5410473.0
L4030.0	504031.9	5410473.0	41765.00000	290.94	0	48.847214	-86.945044	56262.00	56244.2	5.76	56267.76	56266.38281	56267.41256	56261.50000	504031.9	5410473.0
L4030.0	504031.9	5410472.9	41765.10156	291.29	0	48.847213	-86.945044	56262.37	56244.2	5.76	56268.13	56266.82422	56267.15159	56261.37500	504031.9	5410472.9
L4030.0	504031.9	5410472.7	41765.19922	292.79	0	48.847211	-86.945044	56262.73	56244.2	5.75	56268.48	56267.24609	56266.92369	56261.28125	504031.9	5410472.7
L4030.0	504031.9	5410472.7	41765.30078	292.67	0	48.847211	-86.945044	56263.46	56244.2	5.75	56269.21	56268.05078	56266.80242	56261.29297	504031.9	5410472.7
L4030.0	504031.9	5410472.4	41765.39844	293.59	0	48.847209	-86.945044	56263.44	56244.3	5.75	56269.19	56268.10156	56266.58022	56261.20703	504031.9	5410472.4
L4030.0	504031.9	5410472.2	41765.50000	293.59	0	48.847207	-86.945043	56263.40	56244.3	5.75	56269.14	56268.12500	56266.36891	56261.12891	504031.9	5410472.2
L4030.0	504032.0	5410472.0	41765.60156	291.16	0	48.847205	-86.945043	56263.01	56244.3	5.74	56268.75	56267.80469	56266.08357	56260.97266	504032.0	5410472.0
L4030.0	504032.0	5410472.0	41765.69922	292.04	0	48.847205	-86.945043	56262.59	56244.3	5.74	56268.33	56267.45703	56265.78578	56260.80859	504032.0	5410472.0
L4030.0	504032.0	5410471.6	41765.80078	290.83	0	48.847202	-86.945043	56262.27	56244.3	5.74	56268.00	56267.19922	56265.50970	56260.66016	504032.0	5410471.6
L4030.0	504032.0	5410471.3	41765.89844	291.16	0	48.847199	-86.945042	56261.38	56244.3	5.73	56267.11	56266.37891	56265.04529	56260.32813	504032.0	5410471.3
L4030.0	504032.0	5410471.3	41766.00000	291.07	0	48.847199	-86.945042	56261.04	56244.3	5.73	56266.77	56266.10938	56264.74790	56260.15625	504032.0	5410471.3
L4030.0	504032.1	5410470.9	41766.10156	292.22	0	48.847195	-86.945042	56260.56	56244.3	5.73	56266.29	56265.70313	56264.39473	56259.93359	504032.1	5410470.9
L4030.0	504032.1	5410470.6	41766.19922	293.68	0	48.847193	-86.945042	56260.32	56244.3	5.73	56266.05	56265.53125	56264.12722	56259.79297	504032.1	5410470.6
L4030.0	504032.1	5410470.2	41766.30078	295.97	0	48.847189	-86.945041	56260.05	56244.3	5.73	56265.78	56265.33203	56263.84751	56259.63672	504032.1	5410470.2
L4030.0	504032.1	5410470.2	41766.39844	294.66	0	48.847189	-86.945041	56259.84	56244.3	5.73	56265.57	56265.19141	56263.59205	56259.50781	504032.1	5410470.2
L4030.0	504032.1	5410469.8	41766.39844	294.66	0	48.847186	-86.945041	56259.34	56244.3	5.73	56265.07	56264.76172	56263.20849	56259.24609	504032.1	5410469.8
L4030.0	504032.1	5410469.5	41766.50000	293.56	0	48.847182	-86.945041	56259.12	56244.3	5.73	56264.85	56264.60938	56262.94450	56259.10547	504032.1	5410469.5
L4030.0	504032.1	5410469.5	41766.69922	295.32	0	48.847182	-86.945041	56258.75	56244.3	5.73	56264.48	56264.30859	56262.61021	56258.89063	504032.1	5410469.5
L4030.0	504032.1	5410469.1	41766.80078	294.07	0	48.847180	-86.945041	56258.54	56244.3	5.73	56264.27	56264.16406	56262.34929	56258.75000	504032.1	5410469.1
L4030.0	504032.1	5410468.7	41766.89844	294.55	0	48.847175	-86.945041	56258.85	56244.3	5.73	56264.58	56264.54297	56262.34238	56258.85938	504032.1	5410468.7
L4030.0	504032.1	5410468.3	41767.00000	294.25	0	48.847172	-86.945041	56258.54	56244.3	5.73	56264.27	56264.30078	56262.03478	56258.67188	504032.1	5410468.3
L4030.0	504032.1	5410468.3	41767.10156	293.09	0	48.847172	-86.945041	56258.68	56244.3	5.73	56264.41	56264.50781	56261.94935	56258.70313	504032.1	5410468.3
L4030.0	504032.1	5410467.7	41767.19922	292.88	0	48.847167	-86.945042	56258.43	56244.3	5.73	56264.16	56264.32422	56261.65960	56258.52734	504032.1	5410467.7
L4030.0	504032.0	5410467.3	41767.30078	292.24	0	48.847163	-86.945042	56258.26	56244.3	5.73	56263.99	56264.22266	56261.39710	56258.37891	504032.0	5410467.3
L4030.0	504032.0	5410467.3	41767.39844	293.10	0	48.847163	-86.945042	56257.54	56244.3	5.73	56263.27	56263.56641	56260.83386	56257.92578	504032.0	5410467.3
L4030.0	504032.0	5410466.7	41767.50000	293.08	0	48.847157	-86.945043	56256.98	56244.3	5.73	56262.71	56263.07422	56260.33246	56257.53516	504032.0	5410466.7
L4030.0	504032.0	5410466.3	41767.60156	292.82	0	48.847154	-86.945043	56256.78	56244.3	5.73	56262.51	56262.93750	56259.99212	56257.30469	504032.0	5410466.3
L4030.0	504031.9	5410465.7	41767.69922	293.99	0	48.847149	-86.945044	56256.77	56244.3	5.73	56262.50	56262.99219	56259.72020	56257.14063	504031.9	5410465.7
L4030.0	504031.9	5410465.7	41767.80078	293.98	0	48.847149	-86.945044	56257.14	56244.3	5.73	56262.87	56263.42578	56259.59605	56257.12500	504031.9	5410465.7
L4030.0	504031.9	5410464.9	41767.89844	292.54	0	48.847142	-86.945044	56257.04	56244.3	5.73	56262.77	56263.39063	56259.21416	56256.84766	504031.9	5410464.9
L4030.0	504031.9	5410464.9	41768.00000	294.61	0	48.847142	-86.945044	56256.88	56244.3	5.73	56262.61	56263.29297	56258.78370	56256.51953	504031.9	5410464.9
L4030.0	504031.9	5410464.3	41768.10156	295.12	0	48.847136	-86.945045	56256.32	56244.3	5.72	56262.05	56262.79688	56258.17201	56256.01172	504031.9	5410464.3
L4030.0	504031.8	5410463.7	41768.19922	294.38	0	48.847131	-86.945045	56255.50	56244.3	5.72	56261.21	56262.01953	56257.45528	56255.39453	504031.8	5410463.7
L4030.0	504031.8	5410463.2	41768.30078	293.48	0	48.847126	-86.945045	56254.82	56244.3	5.71	56260.53	56261.40234	56256.81908	56254.85938	504031.8	5410463.2
L4030.0	504031.8	5410462.6	41768.39844	294.02	0	48.847121	-86.945045	56254.31	56244.3	5.71	56260.01	56260.94141	56256.25884	56254.39453	504031.8	5410462.6
L4030.0	504031.8	5410462.6	41768.39844	294.02	0	48.847121	-86.945045	56254.05	56244.3	5.71	56259.75	56260.74219	56255.80649	56254.03906	504031.8	5410462.6

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4030.0	504031.8	5410461.8	41768.60156	294.64	0	48.847113	-86.945045	56253.74	56244.3	5.69	56259.44	56260.49219	56255.35273	56253.68359	504031.8	5410461.8
L4030.0	504031.8	5410461.1	41768.69922	293.63	0	48.847107	-86.945045	56253.85	56244.3	5.69	56259.54	56260.65234	56255.05573	56253.47656	504031.8	5410461.1
L4030.0	504031.8	5410461.1	41768.80078	292.17	0	48.847107	-86.945045	56253.79	56244.3	5.68	56259.47	56260.64453	56254.72628	56253.24219	504031.8	5410461.1
L4030.0	504031.8	5410460.3	41768.89844	289.83	0	48.847100	-86.945045	56253.33	56244.3	5.68	56259.00	56260.23047	56254.29485	56252.90234	504031.8	5410460.3
L4030.0	504031.8	5410459.8	41769.00000	289.64	0	48.847095	-86.945045	56252.88	56244.3	5.67	56258.55	56259.83984	56253.89937	56252.59375	504031.8	5410459.8
L4030.0	504031.8	5410459.8	41769.10156	288.04	0	48.847095	-86.945045	56252.26	56244.3	5.67	56257.93	56259.27734	56253.47216	56252.25391	504031.8	5410459.8
L4030.0	504031.8	5410459.0	41769.19922	287.90	0	48.847088	-86.945045	56251.83	56244.3	5.67	56257.50	56258.90625	56253.13739	56252.00781	504031.8	5410459.0
L4030.0	504031.8	5410459.0	41769.30078	288.23	0	48.847088	-86.945045	56251.39	56244.3	5.67	56257.06	56258.52344	56252.82459	56251.77734	504031.8	5410459.0
L4030.0	504031.9	5410458.2	41769.39844	291.37	0	48.847081	-86.945045	56251.17	56244.3	5.67	56256.83	56258.35156	56252.62175	56251.66016	504031.9	5410458.2
L4030.0	504031.9	5410457.5	41769.50000	292.58	0	48.847075	-86.945044	56250.66	56244.3	5.67	56256.33	56257.90625	56252.33173	56251.44922	504031.9	5410457.5
L4030.0	504031.9	5410456.8	41769.60156	292.11	0	48.847069	-86.945044	56250.04	56244.3	5.66	56255.70	56257.33203	56251.99539	56251.19531	504031.9	5410456.8
L4030.0	504031.9	5410456.8	41769.69922	293.45	0	48.847069	-86.945044	56249.97	56244.3	5.66	56255.63	56257.31641	56251.94429	56251.22266	504031.9	5410456.8
L4030.0	504031.9	5410455.8	41769.80078	293.84	0	48.847060	-86.945044	56249.48	56244.3	5.66	56255.14	56256.87891	56251.70566	56251.05859	504031.9	5410455.8
L4030.0	504031.9	5410455.0	41769.89844	294.41	0	48.847053	-86.945044	56249.22	56244.3	5.66	56254.88	56256.67578	56251.60407	56251.03516	504031.9	5410455.0
L4030.0	504031.9	5410455.0	41770.00000	295.96	0	48.847053	-86.945044	56248.66	56244.3	5.66	56254.32	56256.16797	56251.33778	56250.84375	504031.9	5410455.0
L4030.0	504031.9	5410454.0	41770.10156	297.20	0	48.847044	-86.945044	56248.34	56244.3	5.66	56253.99	56255.89063	56251.21053	56250.78906	504031.9	5410454.0
L4030.0	504031.9	5410453.3	41770.19922	298.24	0	48.847037	-86.945044	56247.70	56244.3	5.66	56253.36	56255.31250	56250.87841	56250.52734	504031.9	5410453.3
L4030.0	504032.0	5410452.4	41770.30078	298.33	0	48.847029	-86.945043	56247.43	56244.3	5.65	56253.09	56255.09375	56250.76919	56250.48828	504032.0	5410452.4
L4030.0	504032.0	5410452.4	41770.39844	297.14	0	48.847029	-86.945043	56246.85	56244.3	5.65	56252.50	56254.55469	56250.40882	56250.19531	504032.0	5410452.4
L4030.0	504032.0	5410451.4	41770.39844	297.14	0	48.847020	-86.945043	56246.91	56244.3	5.65	56252.56	56254.66797	56249.76172	56249.61719	504032.0	5410451.4
L4030.0	504032.0	5410450.5	41770.60156	298.28	0	48.847012	-86.945043	56246.36	56244.4	5.65	56252.01	56254.16797	56249.61478	56249.53516	504032.0	5410450.5
L4030.0	504031.9	5410449.8	41770.69922	297.40	0	48.847006	-86.945044	56246.04	56244.4	5.65	56251.68	56253.88672	56249.17555	56249.16016	504031.9	5410449.8
L4030.0	504031.9	5410449.8	41770.80078	297.66	0	48.847006	-86.945044	56245.50	56244.4	5.64	56251.14	56253.39453	56248.75280	56248.80078	504031.9	5410449.8
L4030.0	504031.9	5410448.8	41770.89844	299.88	0	48.846997	-86.945044	56244.91	56244.4	5.64	56250.56	56252.86328	56248.24350	56248.35547	504031.9	5410448.8
L4030.0	504031.9	5410448.0	41771.00000	296.33	0	48.846989	-86.945044	56244.52	56244.4	5.64	56250.16	56252.51172	56247.50992	56247.67969	504031.9	5410448.0
L4030.0	504031.9	5410448.0	41771.10156	295.77	0	48.846989	-86.945044	56243.97	56244.4	5.64	56249.61	56252.00781	56246.73764	56246.96875	504031.9	5410448.0
L4030.0	504031.9	5410447.1	41771.19922	296.35	0	48.846981	-86.945044	56243.13	56244.4	5.64	56248.76	56251.20703	56246.09844	56246.38672	504031.9	5410447.1
L4030.0	504031.9	5410446.3	41771.30078	293.09	0	48.846974	-86.945044	56242.31	56244.4	5.64	56247.95	56250.44141	56245.62220	56245.96484	504031.9	5410446.3
L4030.0	504031.9	5410445.4	41771.39844	291.14	0	48.846966	-86.945044	56241.64	56244.4	5.64	56247.28	56249.82031	56244.76661	56245.16797	504031.9	5410445.4
L4030.0	504031.9	5410445.4	41771.50000	293.29	0	48.846966	-86.945044	56240.85	56244.4	5.64	56246.49	56249.07422	56243.81437	56244.26953	504031.9	5410445.4
L4030.0	504031.9	5410444.5	41771.60156	294.80	0	48.846958	-86.945044	56240.61	56244.4	5.64	56246.25	56248.87891	56243.20170	56243.70703	504031.9	5410444.5
L4030.0	504031.9	5410443.5	41771.69922	294.62	0	48.846949	-86.945044	56239.95	56244.4	5.64	56245.59	56248.26172	56242.30873	56242.86719	504031.9	5410443.5
L4030.0	504031.9	5410442.8	41771.80078	293.87	0	48.846942	-86.945045	56239.40	56244.4	5.64	56245.04	56247.75781	56241.47580	56242.08594	504031.9	5410442.8
L4030.0	504031.9	5410442.8	41771.89844	292.66	0	48.846942	-86.945045	56238.94	56244.4	5.64	56244.58	56247.33984	56240.68608	56241.34375	504031.9	5410442.8
L4030.0	504031.9	5410441.6	41772.00000	292.97	0	48.846931	-86.945045	56238.81	56244.4	5.64	56244.45	56247.25391	56240.05322	56240.75781	504031.9	5410441.6
L4030.0	504031.8	5410440.6	41772.10156	294.39	0	48.846923	-86.945045	56238.71	56244.4	5.64	56244.35	56247.19531	56239.41803	56240.17188	504031.8	5410440.6
L4030.0	504031.8	5410440.6	41772.19922	296.02	0	48.846923	-86.945045	56237.59	56244.4	5.63	56243.22	56246.10547	56238.33094	56239.12891	504031.8	5410440.6
L4030.0	504031.8	5410439.6	41772.30078	295.26	0	48.846914	-86.945045	56236.72	56244.4	5.63	56242.35	56245.27734	56237.40517	56238.24609	504031.8	5410439.6
L4030.0	504031.8	5410438.6	41772.39844	296.42	0	48.846905	-86.945046	56235.74	56244.4	5.62	56241.37	56244.33594	56236.47987	56237.36719	504031.8	5410438.6
L4030.0	504031.8	5410437.8	41772.39844	296.42	0	48.846898	-86.945046	56235.30	56244.4	5.62	56240.92	56243.92578	56235.79672	56236.72656	504031.8	5410437.8
L4030.0	504031.8	5410436.9	41772.60156	292.80	0	48.846889	-86.945046	56235.01	56244.4	5.62	56240.62	56243.66797	56235.19747	56236.16797	504031.8	5410436.9
L4030.0	504031.8	5410436.9	41772.69922	291.94	0	48.846889	-86.945046	56234.32	56244.4	5.61	56239.93	56243.01563	56234.48914	56235.50000	504031.8	5410436.9
L4030.0	504031.8	5410435.8	41772.80078	289.84	0	48.846879	-86.945046	56233.71	56244.4	5.61	56239.32	56242.44531	56233.84212	56234.89063	504031.8	5410435.8
L4030.0	504031.7	5410434.6	41772.89844	290.27	0	48.846869	-86.945046	56232.73	56244.4	5.60	56238.34	56241.50000	56233.09560	56234.18359	504031.7	5410434.6
L4030.0	504031.7	5410434.6	41773.00000	290.21	0	48.846869	-86.945046	56232.36	56244.4	5.60	56237.96	56241.16016	56232.58576	56233.71094	504031.7	5410434.6
L4030.0	504031.7	5410433.7	41773.10156	290.88	0	48.846860	-86.945047	56231.52	56244.4	5.60	56237.12	56240.35547	56231.93316	56233.09766	504031.7	5410433.7
L4030.0	504031.7	5410432.5	41773.19922	291.70	0	48.846850	-86.945047	56231.00	56244.4	5.60	56236.60	56239.87109	56231.41359	56232.61328	504031.7	5410432.5
L4030.0	504031.7	5410432.5	41773.30078	290.85	0	48.846850	-86.945047	56230.32	56244.4	5.60	56235.92	56239.22656	56230.84802	56232.08203	504031.7	5410432.5
L4030.0	504031.7	5410431.5	41773.39844	291.27	0	48.846841	-86.945047	56229.57	56244.4	5.60	56235.17	56238.51172	56230.26246	56231.53125	504031.7	5410431.5
L4030.0	504031.7	5410430.1	41773.50000	291.22	0	48.846829	-86.945047	56229.04	56244.4	5.60	56234.64	56238.01953	56229.76817	56231.07031	504031.7	5410430.1
L4030.0	504031.7	5410429.1	41773.60156	293.89	0	48.846819	-86.945047	56228.38	56244.4	5.60	56233.97	56237.38281	56229.21459	56230.55078	504031.7	5410429.1
L4030.0	504031.8	5410428.0	41773.69922	294.18	0	48.846809	-86.945046	56227.92	56244.4	5.60	56233.52	56236.96484	56228.74791	56230.11719	504031.8	5410428.0
L4030.0	504031.8	5410428.0	41773.80078	294.88	0	48.846809	-86.945046	56227.17	56244.4	5.60	56232.77	56236.25000	56228.13491	56229.53516	504031.8	5410428.0
L4030.0	504031.8	5410426.9	41773.89844	295.15	0	48.846800	-86.945046	56226.57	56244.4	5.60	56232.17	56235.68359	56227.56840	56229.00000	504031.8	5410426.9
L4030.0	504031.8	5410425.7	41774.00000	296.57	0	48.846789	-86.945046	56225.67	56244.4	5.60	56231.27	56234.81641	56226.83589	56228.29688	504031.8	5410425.7
L4030.0	504031.8	5410425.7	41774.10156	296.87	0	48.846789	-86.945046	56224.84	56244.4	5.60	56230.44	56234.01953	56226.10368	56227.59375	504031.8	5410425.7
L4030.0	504031.8	5410424.4	41774.19922	296.05	0	48.846777	-86.945046	56223.83	56244.4	5.60	56229.43	56233.03906	56225.25300	56226.77344	504031.8	5410424.4
L4030.0	504031.8	5410424.4	41774.30078	293.94	0	48.846777	-86.945046	56223.54	56244.4	5.60	56229.13	56232.76953	56224.69923	56226.24609	504031.8	5410424.4
L4030.0	504031.8	5410423.4	41774.39844	295.16	0	48.846768	-86.945046	56222.94	56244.4	5.60	56228.53	56232.20313	56223.96374	56225.53906	504031.8	5410423.4
L4030.0	504031.8	5410422.2	41774.39844	295.16	0	48.846757	-86.945046	56221.98	56244.4	5.60	56227.58	56231.28125	56223.02929	56224.63281	504031.8	5410422.2
L4030.0	504031.9	5410420.8	41774.60156	293.80	0	48.846745	-86.945045	56221.08	56244.4	5.59	56226.68	56230.41406	56222.08234	56223.71094	504031.9	5410420.8
L4030.0	504031.9	5410419.8	41774.69922	293.13	0	48.846735	-86.945045	56220.31	56244.4	5.59	56225.90	56229.66406	56221.15260	56222.80859	504031.9	5410419.8
L4030.0	504031.9	5410419.8	41774.80078	293.04	0	48.846735	-86.945045	56219.37	56244.4	5.59	56224.96	56228.75391	56220.13086	56221.81250	504031.9	5410419.8
L4030.0	504031.9	5410418.3	41774.89844	294.19	0	48.846723	-86.945045	56218.64	56244.4	5.59	56224.24	56228.06250	56219.16754	56220.87500	504031.9	5410418.3
L4030.0	504031.9	5410417.1	41775.00000	293.06	0	48.846711	-86.945044	56217.73	56244.4	5.59	56223.32	56227.17188	56218.11848	56219.85156	504031.9	5410417.1
L4030.0	504031.9	5410417.1	41775.10156	290.90	0	48.846711	-86.945044	56216.96	56244.4	5.59	56222.55	56226.42969	56217.10982	56218.86719	504031.9	5410417.1
L4030.0	504031.9	5410416.1	41775.19922	291.15	0	48.846703	-86.945044	56216.36	56244.4	5.58	56221.94	56225.84766	56216.13823	56217.92188	504031.9	5410416.1
L4030.0	504031.9	5410415.0	41775.30078	291.62	0	48.846692	-86.945044	56215.61	56244.4	5.58	56221.19	56225.12500	56215.13592	56216.94531	504031.9	5410415.0
L4030.0	504032.0	5410413.8	41775.39844	288.80	0	48.846682	-86.945044	56214.82	56244.4	5.58	56220.40	56224.36328	56214.14376	56215.97656	504032.0	5410413.8
L4030.0	504032.0	5410413.8	41775.50000	288.80	0	48.846682	-86.945044	56213.83	56244.4	5.57	56219.41	56223.39844	56213.14774	56215.00391	504032.0	5410413.8
L4030.0	504032.0	5410412.6	41775.60156	289.25	0	48.846671	-86.945044	56213.04	56244.4	5.57	56218.61	56222.62891	56212.21701	56214.09766	504032.0	5410412.6
L4030.0	504032.0	5410411.5	41775.69922	290.69	0	48.846661	-86.945043	56212.09	56244.4	5.57	56217.66	56221.70313	56211.30482	56213.21094	504032.0	5410411.5
L4030.0	504032.0	5410411.5	41775.80078	291.59	0	48.846661	-86.945043	56211.45	56244.4	5.57	56217.02	56221.08984	56210.46431	56212.39453	504032.0	5410411.5
L4030.0	504032.0	5410410.2	41775.89844	290.46	0	48.846649	-86.945043	56210.70	56244.4	5.56	56216.26	56220.35547	56209.65047	56211.60547	504032.0	5410410.2
L4030.0	504032.0	5410408.9	41776.00000	288.94	0	48.846638	-86.945043	56210.07	56244.4	5.56	56215.63	56219.75391	56208.88575	56210.86328	504032.0	5410408.9
L4030.0	504032.1	5410407.7	41776.10156	288.72	0	48.846627	-86.945043	56209.24	56244.4	5.56	56214.80	56218.94922	56208.13946	56210.14063	504032.1	5410407.7
L4030.0	504032.1	5410407.7	41776.19922	287.59	0	48.846627	-86.945043	56208.16	56244.4	5.56	56213.71	56217.88672	56207.39706	56209.42188	504032.1	5410407.7
L4030.0	504032.1	5410405.9	41776.30078	288.55	0	48.846611	-86.945042	56207.02	56244.4	5.56	56212.58	56216.78125	56206.66853	56208.71875	504032.1	5410405.9
L4030.0	504032.1	5410404.8	41776.39844	289.99	0	48.846601	-86.945042	56205.92	56244.4	5.56	56211.47	56215.69531	56205.95102	56208.02344	504032.1	5410404.8
L4030.0	504032.1	5410404.8	41776.39844	289.99	0	48.846601	-86.945042	56205.23	56244.4	5.56	56210.79	56215.04297	56205.30076	56207.39844	504032.1	5410404.8
L4030.0	504032.2	5410403.7	41776.50000	291.34	0	48.846591	-86.945041	56204.38	56244.4	5.56	56209.93	56214.20703	56204.62948	56206.75000	504032.2	5410403.7
L4030.0	504032.2	5410402.8	41776.69922	292.18	0	48.846583	-86.945041	56203.72	56244.4	5.55	56209.27	56213.57422	56203.99556	56206.14063	504032.2	5410402.8
L4030.0	504032.2	5410401.9	41776.80078	291.84	0	48.846575	-86.945040	56203.06	56244.4	5.55	56208.61	56212.93750	56203.36151	56205.53125	504032.2	5410401.9
L4030.0	504032.2	5410401.9	41776.89844	293.69	0	48.846575	-86.945040	56202.27	56244.4	5.55	56207.82	56212.17188	56202.69142	56204.88672	504032.2	5410401.9
L4030.0	504032.3	5410400.7	41777.00000	295.22	0	48.846564	-86.945040	56201.16	56244.4	5.55	56206.71	56211.08984	56201.92337	56204.14453	504032.3	5410400.7
L4030.0	504032.3	5410399.6	41777.10156	294.34	0	48.846554	-86.945039	56200.04	56244.5	5.55	56205.58	56209.98438	56201.11980	56203.36719	504032.3	5410399.6
L4030.0	504032.3	5410399.6	41777.19922	293.95	0	48.846554	-86.945039	56199.16	56244.5	5.55	56204.71	56209.14063	56200.35943	56202.63281	504032.3	5410399.6
L4030.0	504032.3	5410397.9	41777.30078	293.80	0	48.846538	-86.945039	56198.08	56244.5	5.55	56203.63	56208.08594	56199.51363	56201.81250	504032.3	5410397.9
L4030.0	504032.4	5410396.6	41777.39844	294.14	0	48.846527	-86.945038	56197.18	56244.5	5.55	56202.73	56207.21094	56198.69403	56201.01953	504032.4	5410396.6
L4030.0	504032.4	5410396.6	41777.50000	295.22	0	48.846527	-86.945038	56195.93	56244.5	5.54	56201.47	56205.97266	56197.74338	56200.09766	504032.4	5410396.6
L4030.0	504032.4	5410395.4	41777.60156	293.47	0	48.846516	-86.945038	56195.35	56244.5	5.54	56200.89	56205.41797	56196.96876	56199.34766	504032.4	5410395.4
L4030.0	504032.4	5410394.4	41777.69922	296.09	0	48.846507	-86.945037	56194.84	56244.5	5.54	56200.38	56204.93359	56196.18718	56198.59375	504032.4	5410394.4
L4030.0	504032.4	5410394.4	41777.80078	294.80	0	48.846507	-86.945037	56194.18	56244.5	5.54	56199.72	56204.30078	56195.33543	56197.77344	504032.4	5410394.4

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4030.0	504032.5	5410393.2	41777.89844	292.72	0	48.846497	-86.945037	56193.19	56244.5	5.54	56198.73	56203.33594	56194.37300	56196.83984	504032.5	5410393.2
L4030.0	504032.5	5410391.5	41778.00000	288.49	0	48.846481	-86.945036	56192.08	56244.5	5.54	56197.62	56202.25000	56193.36783	56195.86328	504032.5	5410391.5
L4030.0	504032.5	5410390.7	41778.10156	289.06	0	48.846473	-86.945036	56191.04	56244.5	5.54	56196.58	56201.23828	56192.37143	56194.89453	504032.5	5410390.7
L4030.0	504032.6	5410389.7	41778.19922	292.60	0	48.846465	-86.945036	56189.73	56244.5	5.54	56195.27	56199.95313	56191.31682	56193.87109	504032.6	5410389.7
L4030.0	504032.6	5410389.7	41778.30078	293.32	0	48.846465	-86.945036	56188.83	56244.5	5.53	56194.37	56199.07813	56190.34541	56192.92969	504032.6	5410389.7
L4030.0	504032.6	5410388.8	41778.39844	291.39	0	48.846457	-86.945036	56187.84	56244.5	5.53	56193.37	56198.10547	56189.35500	56191.97266	504032.6	5410388.8
L4030.0	504032.6	5410387.0	41778.39844	291.39	0	48.846441	-86.945035	56187.44	56244.5	5.53	56192.97	56197.73438	56188.44162	56191.08984	504032.6	5410387.0
L4030.0	504032.6	5410385.8	41778.60156	289.55	0	48.846430	-86.945035	56186.39	56244.5	5.53	56191.92	56196.71094	56187.43927	56190.12109	504032.6	5410385.8
L4030.0	504032.6	5410385.8	41778.69922	290.61	0	48.846430	-86.945035	56185.35	56244.5	5.53	56190.87	56195.68750	56186.44691	56189.16406	504032.6	5410385.8
L4030.0	504032.7	5410384.7	41778.80078	287.36	0	48.846420	-86.945034	56184.12	56244.5	5.52	56189.64	56194.48438	56185.45767	56188.20703	504032.7	5410384.7
L4030.0	504032.7	5410383.1	41778.89844	289.79	0	48.846405	-86.945034	56183.15	56244.5	5.52	56188.67	56193.54297	56184.49727	56187.28125	504032.7	5410383.1
L4030.0	504032.7	5410383.1	41779.00000	289.86	0	48.846405	-86.945034	56182.21	56244.5	5.52	56187.73	56192.62891	56183.54754	56186.36719	504032.7	5410383.1
L4030.0	504032.8	5410381.5	41779.10156	293.06	0	48.846392	-86.945033	56181.22	56244.5	5.52	56186.74	56191.66797	56182.60895	56185.46484	504032.8	5410381.5
L4030.0	504032.8	5410380.4	41779.19922	294.71	0	48.846381	-86.945033	56180.09	56244.5	5.52	56185.60	56190.55469	56181.68717	56184.58203	504032.8	5410380.4
L4030.0	504032.8	5410379.5	41779.30078	289.06	0	48.846373	-86.945032	56178.86	56244.5	5.51	56184.37	56189.35547	56180.78620	56183.71875	504032.8	5410379.5
L4030.0	504032.8	5410379.5	41779.39844	289.06	0	48.846373	-86.945032	56178.08	56244.5	5.51	56183.59	56188.60156	56179.87709	56182.84766	504032.8	5410379.5
L4030.0	504032.8	5410378.2	41779.39844	287.54	0	48.846362	-86.945032	56176.98	56244.5	5.51	56182.50	56187.54297	56178.99359	56182.00391	504032.8	5410378.2
L4030.0	504032.8	5410378.2	41779.50000	291.82	0	48.846362	-86.945032	56176.24	56244.5	5.51	56181.75	56186.82422	56178.09525	56181.14453	504032.8	5410378.2
L4030.0	504032.9	5410376.6	41779.60156	291.23	0	48.846347	-86.945031	56175.36	56244.5	5.51	56180.87	56185.97266	56177.21231	56180.30469	504032.9	5410376.6
L4030.0	504032.9	5410375.3	41779.80078	292.18	0	48.846336	-86.945031	56174.07	56244.5	5.50	56179.57	56184.70313	56176.37077	56179.50391	504032.9	5410375.3
L4030.0	504032.9	5410374.4	41779.80078	293.01	0	48.846327	-86.945031	56173.06	56244.5	5.50	56178.56	56183.72266	56175.51336	56178.69141	504032.9	5410374.4
L4030.0	504032.9	5410374.4	41779.89844	291.25	0	48.846327	-86.945031	56172.07	56244.5	5.50	56177.58	56182.77344	56174.65887	56177.87891	504032.9	5410374.4
L4030.0	504033.0	5410373.1	41780.00000	289.28	0	48.846316	-86.945031	56171.26	56244.5	5.50	56176.76	56181.98828	56173.79499	56177.05859	504033.0	5410373.1
L4030.0	504033.0	5410372.4	41780.19922	289.07	0	48.846309	-86.945030	56170.20	56244.5	5.50	56175.70	56180.96094	56172.95443	56176.26563	504033.0	5410372.4
L4030.0	504033.0	5410371.2	41780.19922	288.25	0	48.846298	-86.945030	56169.39	56244.5	5.50	56174.89	56180.18359	56172.09670	56175.45313	504033.0	5410371.2
L4030.0	504033.0	5410371.2	41780.39844	288.92	0	48.846298	-86.945030	56168.05	56244.5	5.50	56173.55	56178.87500	56171.28114	56174.68359	504033.0	5410371.2
L4030.0	504033.0	5410370.0	41780.39844	287.48	0	48.846288	-86.945030	56167.27	56244.5	5.50	56172.77	56178.12891	56170.42597	56173.87891	504033.0	5410370.0
L4030.0	504033.0	5410370.0	41780.60156	288.80	0	48.846288	-86.945030	56166.18	56244.5	5.50	56171.68	56177.07031	56169.59251	56173.09375	504033.0	5410370.0
L4030.0	504033.1	5410368.7	41780.69922	288.65	0	48.846276	-86.945029	56165.32	56244.5	5.50	56170.82	56176.24609	56168.74537	56172.29688	504033.1	5410368.7
L4030.0	504033.1	5410367.8	41780.80078	288.43	0	48.846268	-86.945029	56164.14	56244.5	5.50	56169.64	56175.10156	56167.91542	56171.51953	504033.1	5410367.8
L4030.0	504033.1	5410366.8	41780.89844	289.67	0	48.846259	-86.945029	56163.31	56244.5	5.50	56168.81	56174.30859	56167.06827	56170.72266	504033.1	5410366.8
L4030.0	504033.1	5410365.6	41781.00000	290.15	0	48.846248	-86.945029	56162.06	56244.5	5.50	56167.56	56173.09375	56166.23895	56169.94531	504033.1	5410365.6
L4030.0	504033.1	5410364.6	41781.10156	291.77	0	48.846239	-86.945028	56161.14	56244.5	5.50	56166.64	56172.20703	56165.39672	56169.16016	504033.1	5410364.6
L4030.0	504033.1	5410364.6	41781.19922	291.57	0	48.846239	-86.945028	56159.93	56244.5	5.50	56165.43	56171.03516	56164.56367	56168.37891	504033.1	5410364.6
L4030.0	504033.1	5410363.6	41781.30078	292.07	0	48.846230	-86.945028	56158.92	56244.5	5.50	56164.42	56170.06250	56163.72511	56167.59766	504033.1	5410363.6
L4030.0	504033.1	5410362.7	41781.39844	291.00	0	48.846222	-86.945029	56158.10	56244.5	5.50	56163.60	56169.28125	56162.88441	56166.81250	504033.1	5410362.7
L4030.0	504033.1	5410362.7	41781.50000	291.15	0	48.846222	-86.945029	56157.20	56244.5	5.50	56162.70	56168.41797	56162.04755	56166.03516	504033.1	5410362.7
L4030.0	504033.1	5410361.4	41781.60156	290.38	0	48.846210	-86.945029	56156.20	56244.5	5.50	56161.70	56167.45703	56161.21379	56165.25781	504033.1	5410361.4
L4030.0	504033.1	5410361.4	41781.69922	290.77	0	48.846210	-86.945029	56155.29	56244.5	5.50	56160.79	56166.58594	56160.38128	56164.48828	504033.1	5410361.4
L4030.0	504033.1	5410360.4	41781.80078	292.04	0	48.846202	-86.945029	56154.70	56244.5	5.50	56160.20	56166.03906	56159.54976	56163.71484	504033.1	5410360.4
L4030.0	504033.1	5410359.5	41781.89844	291.43	0	48.846193	-86.945029	56153.54	56244.5	5.50	56159.04	56164.91797	56158.72408	56162.95313	504033.1	5410359.5
L4030.0	504033.0	5410358.6	41782.00000	288.67	0	48.846185	-86.945030	56152.41	56244.5	5.50	56157.91	56163.82813	56157.90180	56162.19141	504033.0	5410358.6
L4030.0	504033.0	5410358.6	41782.10156	289.73	0	48.846185	-86.945030	56151.73	56244.5	5.50	56157.23	56163.19141	56157.08069	56161.43359	504033.0	5410358.6
L4030.0	504033.0	5410357.4	41782.19922	288.28	0	48.846174	-86.945030	56150.97	56244.5	5.50	56156.47	56162.47266	56156.26376	56160.68359	504033.0	5410357.4
L4030.0	504033.0	5410356.4	41782.30078	290.66	0	48.846165	-86.945031	56149.84	56244.5	5.50	56155.34	56161.38281	56155.45516	56159.94141	504033.0	5410356.4
L4030.0	504033.0	5410356.4	41782.39844	290.71	0	48.846165	-86.945031	56148.77	56244.5	5.50	56154.27	56160.35547	56154.65115	56159.20313	504033.0	5410356.4
L4030.0	504032.9	5410355.1	41782.39844	290.71	0	48.846154	-86.945031	56147.64	56244.5	5.50	56153.14	56159.26953	56153.85248	56158.47266	504032.9	5410355.1
L4030.0	504032.9	5410354.2	41782.60156	288.36	0	48.846146	-86.945031	56146.78	56244.5	5.50	56152.28	56158.45313	56153.05444	56157.74219	504032.9	5410354.2
L4030.0	504032.9	5410354.2	41782.69922	288.55	0	48.846146	-86.945031	56145.76	56244.5	5.50	56151.26	56157.48047	56152.26137	56157.01563	504032.9	5410354.2
L4030.0	504032.9	5410353.2	41782.80078	291.20	0	48.846137	-86.945032	56144.60	56244.5	5.50	56150.10	56156.36328	56151.47031	56156.29688	504032.9	5410353.2
L4030.0	504032.8	5410352.3	41782.89844	291.14	0	48.846128	-86.945032	56143.90	56244.5	5.50	56149.40	56155.71094	56150.67904	56155.57813	504032.8	5410352.3
L4030.0	504032.8	5410352.3	41783.00000	289.39	0	48.846128	-86.945032	56143.16	56244.5	5.50	56148.66	56155.01563	56149.89141	56154.85938	504032.8	5410352.3
L4030.0	504032.8	5410351.5	41783.10156	287.68	0	48.846121	-86.945033	56142.50	56244.5	5.50	56148.00	56154.40234	56149.10968	56154.15234	504032.8	5410351.5
L4030.0	504032.8	5410350.7	41783.19922	287.99	0	48.846114	-86.945033	56141.86	56244.5	5.50	56147.36	56153.80859	56148.33523	56153.44922	504032.8	5410350.7
L4030.0	504032.7	5410349.9	41783.30078	290.03	0	48.846107	-86.945034	56140.98	56244.5	5.50	56146.49	56152.98828	56147.55574	56152.74609	504032.7	5410349.9
L4030.0	504032.7	5410349.9	41783.39844	290.36	0	48.846107	-86.945034	56140.10	56244.5	5.50	56145.60	56152.14453	56146.77567	56152.04297	504032.7	5410349.9
L4030.0	504032.7	5410349.2	41783.50000	290.81	0	48.846100	-86.945034	56139.11	56244.5	5.51	56144.61	56151.20313	56145.98697	56151.32813	504032.7	5410349.2
L4030.0	504032.7	5410349.2	41783.60156	289.29	0	48.846100	-86.945034	56138.41	56244.5	5.51	56143.91	56150.55078	56145.22669	56150.64453	504032.7	5410349.2
L4030.0	504032.7	5410348.1	41783.69922	289.37	0	48.846091	-86.945035	56137.57	56244.5	5.51	56143.08	56149.76953	56144.45805	56149.95313	504032.7	5410348.1
L4030.0	504032.6	5410347.3	41783.80078	290.93	0	48.846083	-86.945035	56137.04	56244.5	5.51	56142.55	56149.28906	56143.73405	56149.30859	504032.6	5410347.3
L4030.0	504032.6	5410346.6	41783.89844	292.89	0	48.846077	-86.945035	56136.20	56244.5	5.51	56141.71	56148.50000	56142.97562	56148.62891	504032.6	5410346.6
L4030.0	504032.6	5410346.6	41784.00000	292.24	0	48.846077	-86.945035	56135.35	56244.5	5.51	56140.86	56147.70313	56142.21947	56147.95313	504032.6	5410346.6
L4030.0	504032.6	5410345.8	41784.10156	292.90	0	48.846070	-86.945036	56134.41	56244.5	5.51	56139.91	56146.80078	56141.45004	56147.26563	504032.6	5410345.8
L4030.0	504032.6	5410345.0	41784.19922	291.67	0	48.846063	-86.945036	56133.57	56244.5	5.50	56139.07	56146.01172	56140.70374	56146.60156	504032.6	5410345.0
L4030.0	504032.6	5410345.0	41784.30078	292.03	0	48.846063	-86.945036	56133.32	56244.5	5.50	56138.82	56145.81641	56140.07641	56146.05469	504032.6	5410345.0
L4030.0	504032.6	5410344.3	41784.39844	293.17	0	48.846057	-86.945036	56132.64	56244.5	5.50	56138.14	56145.18750	56139.37744	56145.43750	504032.6	5410344.3
L4030.0	504032.6	5410343.5	41784.39844	293.17	0	48.846049	-86.945036	56131.98	56244.5	5.50	56137.47	56144.57031	56138.68788	56144.83203	504032.6	5410343.5
L4030.0	504032.5	5410342.9	41784.60156	292.60	0	48.846044	-86.945037	56131.42	56244.5	5.49	56136.91	56144.06250	56138.02804	56144.25781	504032.5	5410342.9
L4030.0	504032.5	5410342.9	41784.69922	290.97	0	48.846044	-86.945037	56130.74	56244.5	5.49	56136.23	56143.43359	56137.35101	56143.66406	504032.5	5410342.9
L4030.0	504032.5	5410342.3	41784.80078	290.99	0	48.846038	-86.945037	56130.51	56244.5	5.49	56135.99	56143.25000	56136.76956	56143.16797	504032.5	5410342.3
L4030.0	504032.5	5410341.7	41784.89844	291.38	0	48.846033	-86.945037	56129.63	56244.5	5.48	56135.11	56142.42188	56136.06548	56142.55078	504032.5	5410341.7
L4030.0	504032.5	5410341.0	41785.00000	292.31	0	48.846027	-86.945037	56128.92	56244.5	5.48	56134.40	56141.76563	56135.40251	56141.97266	504032.5	5410341.0
L4030.0	504032.5	5410341.0	41785.10156	290.36	0	48.846027	-86.945037	56127.63	56244.5	5.48	56133.11	56140.53125	56134.64188	56141.29688	504032.5	5410341.0
L4030.0	504032.5	5410340.5	41785.19922	290.42	0	48.846023	-86.945037	56127.33	56244.5	5.48	56132.81	56140.28516	56134.06947	56140.81250	504032.5	5410340.5
L4030.0	504032.5	5410339.9	41785.30078	289.94	0	48.846017	-86.945037	56126.42	56244.5	5.48	56131.90	56139.42969	56133.39891	56140.23047	504032.5	5410339.9
L4030.0	504032.5	5410339.9	41785.39844	289.44	0	48.846017	-86.945037	56125.64	56244.5	5.48	56131.13	56138.71484	56132.76116	56139.67969	504032.5	5410339.9
L4030.0	504032.5	5410339.2	41785.50000	289.44	0	48.846011	-86.945037	56125.16	56244.5	5.48	56130.64	56138.28125	56132.16915	56139.17578	504032.5	5410339.2
L4030.0	504032.5	5410338.6	41785.60156	291.04	0	48.846005	-86.945038	56124.87	56244.5	5.48	56130.35	56138.04688	56131.60149	56138.69531	504032.5	5410338.6
L4030.0	504032.5	5410338.6	41785.69922	291.38	0	48.846005	-86.945038	56124.27	56244.5	5.48	56129.75	56137.50000	56130.99656	56138.17969	504032.5	5410338.6
L4030.0	504032.5	5410338.1	41785.80078	292.41	0	48.846001	-86.945038	56123.29	56244.5	5.48	56128.77	56136.57422	56130.36109	56137.63281	504032.5	5410338.1
L4030.0	504032.5	5410337.6	41785.89844	292.04	0	48.845996	-86.945038	56122.95	56244.5	5.48	56128.43	56136.29297	56129.78711	56137.14844	504032.5	5410337.6
L4030.0	504032.4	5410337.0	41786.00000	293.49	0	48.845990	-86.945038	56122.45	56244.5	5.48	56127.93	56135.84766	56129.19896	56136.65234	504032.4	5410337.0
L4030.0	504032.5	5410336.6	41786.10156	289.76	0	48.845987	-86.945038	56122.04	56244.5	5.48	56127.52	56135.49219	56128.61474	56136.15625	504032.5	5410336.6
L4030.0	504032.5	5410336.6	41786.19922	290.07	0	48.845987	-86.945038	56121.58	56244.5	5.48	56127.06	56135.08984	56128.02618	56135.66016	504032.5	5410336.6
L4030.0	504032.5	5410336.2	41786.30078	290.49	0	48.845983	-86.945038	56121.00	56244.5	5.48	56126.48	56134.56641	56127.43380	56135.15625	504032.5	5410336.2
L4030.0	504032.5	5410335.7	41786.39844	290.65	0	48.845979	-86.945038	56120.37	56244.5	5.48	56125.85	56133.99219	56126.84272	56134.65625	504032.5	5410335.7
L4030.0	504032.5	5410335.7	41786.39844	290.65	0	48.845979	-86.945038	56119.91	56244.5	5.48	56125.39	56133.58984	56126.25453	56134.15625	504032.5	5410335.7
L4030.0	504032.5	5410335.3	41786.50000	289.90	0	48.845976	-86.945038	56119.58	56244.5	5.48	56125.06	56133.31641	56125.66377	56133.65625	504032.5	5410335.3
L4070.0	504071.1	5410676.6	68566.29688	320.67	0	48.849046	-86.944507	56287.25	56234.7	15.33	56302.58	56302.17969	56295.38541	56298.71094	504071.1	5410676.6
L4070.0	504071.1	5410677.0	68566.39844	321.67	0	48.849050	-86.944508	56287.22	56234.7	15.33	56302.54	56302.12500	56294.68079	56297.92969	504071.1	5410677.0
L4070.0	504071.1	5410677.3	68566.50000	323.15	0	48.849052	-86.944508	56287.18	56234.7	15.32	56302.50	56302.07422	56293.92398	56297.08984	504071.1	5410677.3
L4070.0	504071.1	5410677.3	68566.60156	325.52	0	48.849052	-86.944508	56287.12	56234.7	15.32	56302.45	56302.01172	56292.90292	56295.98438	504071.1	5410677.3
L4070.0	504071.1	5410677.6	68566.70313	326.80	0	48.849055	-86.944508	56287.51	56234.7	15.32	56302.83	56302.37891	56301.08982	56304.09375	504071.1	5410677.6

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4070.0	504071.1	5410678.1	68566.79688	326.85	0	48.849059	-86.944508	56287.68	56234.7	15.32	56303.00	56302.53906	56304.93431	56307.85547	504071.1	5410678.1
L4070.0	504071.1	5410678.1	68566.89844	326.22	0	48.849059	-86.944508	56287.48	56234.7	15.32	56302.80	56302.32422	56300.62808	56303.46875	504071.1	5410678.1
L4070.0	504071.1	5410678.5	68567.00000	324.69	0	48.849063	-86.944508	56287.74	56234.7	15.32	56303.06	56302.57422	56306.57325	56309.33594	504071.1	5410678.5
L4070.0	504071.1	5410678.9	68567.00000	324.69	0	48.849067	-86.944508	56287.61	56234.7	15.32	56302.93	56302.42969	56303.70114	56306.37891	504071.1	5410678.9
L4070.0	504071.1	5410679.5	68567.20313	325.22	0	48.849071	-86.944508	56287.86	56234.7	15.31	56303.18	56302.66797	56309.58081	56312.17969	504071.1	5410679.5
L4070.0	504071.1	5410679.5	68567.29688	324.72	0	48.849071	-86.944508	56287.41	56234.7	15.31	56302.72	56302.19531	56298.79802	56301.31641	504071.1	5410679.5
L4070.0	504071.1	5410679.9	68567.39844	325.54	0	48.849075	-86.944508	56287.35	56234.7	15.31	56302.66	56302.12500	56297.28878	56299.73047	504071.1	5410679.9
L4070.0	504071.1	5410680.4	68567.50000	326.84	0	48.849080	-86.944508	56287.36	56234.7	15.31	56302.66	56302.11328	56297.17667	56299.53516	504071.1	5410680.4
L4070.0	504071.1	5410680.4	68567.60156	325.38	0	48.849080	-86.944508	56287.30	56234.7	15.30	56302.60	56302.03906	56295.57385	56297.85156	504071.1	5410680.4
L4070.0	504071.1	5410681.1	68567.70313	324.86	0	48.849086	-86.944508	56287.64	56234.7	15.30	56302.94	56302.36719	56303.81904	56306.01953	504071.1	5410681.1
L4070.0	504071.1	5410681.6	68567.79688	322.85	0	48.849091	-86.944508	56287.63	56234.7	15.30	56302.93	56302.34766	56303.46169	56305.58203	504071.1	5410681.6
L4070.0	504071.1	5410681.6	68567.89844	326.76	0	48.849091	-86.944508	56287.86	56234.7	15.29	56303.16	56302.56641	56309.11907	56311.16406	504071.1	5410681.6
L4070.0	504071.1	5410682.2	68568.00000	327.62	0	48.849096	-86.944508	56287.58	56234.7	15.29	56302.87	56302.26172	56301.65678	56303.62109	504071.1	5410682.2
L4070.0	504071.1	5410682.7	68568.10156	329.38	0	48.849101	-86.944507	56287.73	56234.7	15.29	56303.02	56302.40234	56305.30400	56307.19141	504071.1	5410682.7
L4070.0	504071.1	5410682.7	68568.20313	329.87	0	48.849101	-86.944507	56287.51	56234.7	15.29	56302.80	56302.16797	56300.14466	56301.95313	504071.1	5410682.7
L4070.0	504071.1	5410683.4	68568.29688	330.90	0	48.849106	-86.944507	56287.76	56234.7	15.29	56303.06	56302.41797	56305.16095	56306.89063	504071.1	5410683.4
L4070.0	504071.1	5410683.4	68568.39844	332.93	0	48.849106	-86.944507	56287.45	56234.7	15.29	56302.74	56302.08594	56298.88502	56300.53906	504071.1	5410683.4
L4070.0	504071.2	5410684.2	68568.50000	332.90	0	48.849114	-86.944507	56287.43	56234.7	15.29	56302.73	56302.06250	56298.62980	56300.20703	504071.2	5410684.2
L4070.0	504071.2	5410684.7	68568.60156	332.55	0	48.849119	-86.944507	56287.81	56234.7	15.30	56303.11	56302.42969	56306.00601	56307.50781	504071.2	5410684.7
L4070.0	504071.2	5410685.3	68568.70313	332.53	0	48.849124	-86.944506	56287.61	56234.7	15.30	56302.91	56302.21875	56302.01919	56303.44531	504071.2	5410685.3
L4070.0	504071.2	5410685.3	68568.79688	316.59	0	48.849124	-86.944506	56287.84	56234.7	15.30	56303.14	56302.43750	56306.44589	56307.79688	504071.2	5410685.3
L4070.0	504071.2	5410686.0	68568.89844	316.62	0	48.849130	-86.944506	56287.56	56234.7	15.30	56302.85	56302.13672	56300.68406	56301.96094	504071.2	5410686.0
L4070.0	504071.2	5410686.6	68569.00000	329.34	0	48.849136	-86.944506	56287.64	56234.7	15.30	56302.94	56302.21484	56302.35261	56303.55469	504071.2	5410686.6
L4070.0	504071.2	5410686.6	68569.00000	329.34	0	48.849136	-86.944506	56287.66	56234.7	15.30	56302.96	56302.22266	56302.64472	56303.76953	504071.2	5410686.6
L4070.0	504071.2	5410687.3	68569.20313	327.63	0	48.849142	-86.944506	56287.70	56234.7	15.30	56303.00	56302.25000	56303.31677	56304.36719	504071.2	5410687.3
L4070.0	504071.3	5410688.2	68569.29688	328.48	0	48.849150	-86.944505	56287.76	56234.7	15.30	56303.06	56302.30078	56303.68372	56304.66406	504071.3	5410688.2
L4070.0	504071.3	5410688.2	68569.39844	327.54	0	48.849150	-86.944505	56287.96	56234.7	15.30	56303.26	56302.48828	56308.54077	56309.44922	504071.3	5410688.2
L4070.0	504071.3	5410688.9	68569.50000	328.09	0	48.849157	-86.944505	56288.04	56234.7	15.29	56303.33	56302.54688	56310.06146	56310.89844	504071.3	5410688.9
L4070.0	504071.3	5410689.7	68569.60156	324.75	0	48.849164	-86.944505	56288.04	56234.7	15.29	56303.34	56302.54688	56310.05951	56310.82031	504071.3	5410689.7
L4070.0	504071.3	5410689.7	68569.70313	325.29	0	48.849164	-86.944505	56288.17	56234.7	15.29	56303.47	56302.66406	56313.04587	56313.73828	504071.3	5410689.7
L4070.0	504071.3	5410690.3	68569.79688	325.92	0	48.849169	-86.944504	56287.84	56234.7	15.29	56303.13	56302.31250	56304.38758	56305.01172	504071.3	5410690.3
L4070.0	504071.3	5410690.9	68569.89844	327.00	0	48.849174	-86.944504	56288.02	56234.7	15.29	56303.31	56302.48047	56308.60478	56309.15625	504071.3	5410690.9
L4070.0	504071.3	5410690.9	68570.00000	326.73	0	48.849174	-86.944504	56287.61	56234.7	15.29	56302.90	56302.05859	56298.44742	56298.92969	504071.3	5410690.9
L4070.0	504071.4	5410691.6	68570.10156	326.63	0	48.849180	-86.944504	56287.94	56234.7	15.29	56303.23	56302.37891	56306.26321	56306.67578	504071.4	5410691.6
L4070.0	504071.4	5410692.3	68570.20313	325.54	0	48.849187	-86.944504	56288.07	56234.7	15.29	56303.35	56302.48828	56308.94390	56309.28906	504071.4	5410692.3
L4070.0	504071.4	5410692.3	68570.29688	325.58	0	48.849187	-86.944504	56287.50	56234.7	15.28	56302.78	56301.90625	56295.32158	56295.60156	504071.4	5410692.3
L4070.0	504071.4	5410693.3	68570.39844	324.54	0	48.849196	-86.944503	56287.86	56234.7	15.28	56303.14	56302.25781	56303.67557	56303.89063	504071.4	5410693.3
L4070.0	504071.4	5410694.0	68570.50000	324.53	0	48.849202	-86.944503	56287.51	56234.7	15.28	56302.79	56301.89453	56295.45994	56295.60547	504071.4	5410694.0
L4070.0	504071.5	5410695.0	68570.60156	323.88	0	48.849211	-86.944502	56288.26	56234.7	15.28	56303.54	56302.63281	56312.62724	56312.70703	504071.5	5410695.0
L4070.0	504071.5	5410695.0	68570.70313	323.21	0	48.849211	-86.944502	56287.82	56234.7	15.28	56303.09	56302.17188	56302.21526	56302.23047	504071.5	5410695.0
L4070.0	504071.5	5410695.8	68570.79688	323.12	0	48.849218	-86.944502	56288.09	56234.7	15.27	56303.37	56302.44141	56308.47230	56308.42578	504071.5	5410695.8
L4070.0	504071.5	5410695.8	68570.89844	323.83	0	48.849218	-86.944502	56287.94	56234.7	15.27	56303.21	56302.27344	56304.76624	56304.65625	504071.5	5410695.8
L4070.0	504071.5	5410696.9	68571.00000	323.05	0	48.849228	-86.944502	56287.84	56234.7	15.27	56303.11	56302.16016	56302.44715	56302.27344	504071.5	5410696.9
L4070.0	504071.5	5410697.7	68571.00000	323.05	0	48.849236	-86.944501	56288.07	56234.7	15.27	56303.34	56302.38281	56307.54080	56307.30469	504071.5	5410697.7
L4070.0	504071.6	5410698.9	68571.20313	323.37	0	48.849246	-86.944501	56287.92	56234.7	15.27	56303.18	56302.21094	56303.90003	56303.60156	504071.6	5410698.9
L4070.0	504071.6	5410698.9	68571.29688	313.05	0	48.849246	-86.944501	56288.07	56234.7	15.26	56303.33	56302.35156	56307.22151	56306.86328	504071.6	5410698.9
L4070.0	504071.6	5410699.9	68571.39844	311.70	0	48.849255	-86.944501	56287.70	56234.7	15.26	56302.96	56301.96875	56298.85166	56298.43359	504071.6	5410699.9
L4070.0	504071.6	5410701.0	68571.50000	319.88	0	48.849265	-86.944501	56288.07	56234.7	15.26	56303.33	56302.32813	56307.17461	56306.69531	504071.6	5410701.0
L4070.0	504071.6	5410701.0	68571.60156	319.00	0	48.849265	-86.944501	56287.79	56234.7	15.26	56303.04	56302.03125	56300.55268	56300.01563	504071.6	5410701.0
L4070.0	504071.6	5410702.0	68571.70313	320.63	0	48.849274	-86.944500	56287.92	56234.7	15.26	56303.17	56302.14844	56303.48922	56302.89453	504071.6	5410702.0
L4070.0	504071.6	5410703.0	68571.79688	322.14	0	48.849283	-86.944500	56287.88	56234.7	15.25	56303.14	56302.10938	56302.76960	56302.11719	504071.6	5410703.0
L4070.0	504071.6	5410703.0	68571.89844	323.14	0	48.849283	-86.944500	56288.02	56234.7	15.25	56303.27	56302.23047	56305.77968	56305.07031	504071.6	5410703.0
L4070.0	504071.6	5410704.1	68572.00000	313.79	0	48.849293	-86.944500	56287.96	56234.8	15.25	56303.21	56302.16016	56304.36604	56303.59766	504071.6	5410704.1
L4070.0	504071.6	5410705.0	68572.10156	314.40	0	48.849301	-86.944500	56287.86	56234.8	15.25	56303.11	56302.05078	56301.97519	56301.15234	504071.6	5410705.0
L4070.0	504071.6	5410705.7	68572.20313	317.03	0	48.849307	-86.944500	56288.06	56234.8	15.25	56303.31	56302.23828	56306.74983	56305.87500	504071.6	5410705.7
L4070.0	504071.7	5410706.6	68572.29688	317.40	0	48.849316	-86.944500	56287.25	56234.8	15.25	56302.50	56301.42188	56287.13006	56286.19922	504071.7	5410706.6
L4070.0	504071.7	5410706.6	68572.39844	326.71	0	48.849316	-86.944500	56287.92	56234.8	15.25	56303.16	56302.07031	56303.10578	56302.12109	504071.7	5410706.6
L4070.0	504071.7	5410707.7	68572.50000	330.17	0	48.849326	-86.944500	56287.53	56234.8	15.25	56302.77	56301.67188	56293.49144	56292.45313	504071.7	5410707.7
L4070.0	504071.7	5410708.8	68572.60156	329.41	0	48.849335	-86.944500	56288.07	56234.8	15.24	56303.31	56302.20313	56306.77459	56305.68359	504071.7	5410708.8
L4070.0	504071.7	5410709.9	68572.70313	330.91	0	48.849345	-86.944499	56287.54	56234.8	15.24	56302.78	56301.66406	56293.59413	56292.45313	504071.7	5410709.9
L4070.0	504071.7	5410709.9	68572.79688	331.31	0	48.849345	-86.944499	56287.75	56234.8	15.24	56303.00	56301.87500	56299.02450	56297.83594	504071.7	5410709.9
L4070.0	504071.7	5410711.0	68572.89844	330.85	0	48.849355	-86.944499	56287.76	56234.8	15.24	56303.00	56301.86328	56298.98990	56297.75000	504071.7	5410711.0
L4070.0	504071.7	5410712.2	68573.00000	328.12	0	48.849366	-86.944499	56288.07	56234.8	15.24	56303.31	56302.16406	56306.70453	56305.41406	504071.7	5410712.2
L4070.0	504071.7	5410713.4	68573.00000	328.12	0	48.849376	-86.944499	56288.27	56234.8	15.24	56303.51	56302.35547	56311.65786	56310.31641	504071.7	5410713.4
L4070.0	504071.7	5410713.4	68573.20313	326.01	0	48.849376	-86.944499	56287.63	56234.8	15.24	56302.87	56301.70703	56295.67121	56294.28516	504071.7	5410713.4
L4070.0	504071.7	5410714.9	68573.29688	327.59	0	48.849390	-86.944499	56288.17	56234.8	15.24	56303.41	56302.23828	56309.04569	56307.61328	504071.7	5410714.9
L4070.0	504071.7	5410715.7	68573.39844	326.55	0	48.849398	-86.944499	56287.71	56234.8	15.24	56302.95	56301.76953	56297.63190	56296.15234	504071.7	5410715.7
L4070.0	504071.7	5410715.7	68573.50000	326.93	0	48.849398	-86.944499	56288.01	56234.8	15.24	56303.25	56302.06250	56304.96741	56303.44141	504071.7	5410715.7
L4070.0	504071.7	5410716.9	68573.60156	328.13	0	48.849408	-86.944499	56287.94	56234.8	15.24	56303.18	56301.98438	56303.20213	56301.62891	504071.7	5410716.9
L4070.0	504071.7	5410718.3	68573.70313	325.75	0	48.849421	-86.944499	56287.96	56234.8	15.24	56303.20	56301.99609	56303.62924	56302.01172	504071.7	5410718.3
L4070.0	504071.7	5410719.6	68573.79688	322.28	0	48.849432	-86.944499	56287.92	56234.8	15.24	56303.16	56301.94531	56302.61204	56300.94922	504071.7	5410719.6
L4070.0	504071.7	5410719.6	68573.89844	322.26	0	48.849432	-86.944499	56287.84	56234.8	15.24	56303.08	56301.85938	56300.66385	56298.95703	504071.7	5410719.6
L4070.0	504071.7	5410720.7	68574.00000	323.35	0	48.849442	-86.944499	56288.12	56234.8	15.24	56303.36	56302.12891	56307.17870	56305.42969	504071.7	5410720.7
L4070.0	504071.7	5410721.7	68574.10156	324.82	0	48.849451	-86.944499	56287.74	56234.8	15.24	56302.98	56301.74219	56298.25724	56296.46484	504071.7	5410721.7
L4070.0	504071.7	5410721.7	68574.20313	323.74	0	48.849451	-86.944499	56288.17	56234.8	15.24	56303.41	56302.16406	56308.11151	56306.27734	504071.7	5410721.7
L4070.0	504071.7	5410723.0	68574.29688	322.76	0	48.849463	-86.944499	56287.78	56234.8	15.24	56303.02	56301.76563	56299.10494	56297.23047	504071.7	5410723.0
L4070.0	504071.7	5410723.0	68574.39844	323.03	0	48.849463	-86.944499	56288.07	56234.8	15.24	56303.31	56302.04688	56305.61154	56303.69531	504071.7	5410723.0
L4070.0	504071.7	5410724.3	68574.50000	324.26	0	48.849474	-86.944499	56287.99	56234.8	15.24	56303.23	56301.96094	56303.71331	56301.75781	504071.7	5410724.3
L4070.0	504071.7	5410725.5	68574.60156	323.65	0	48.849485	-86.944499	56288.02	56234.8	15.24	56303.26	56301.98438	56304.28905	56302.29297	504071.7	5410725.5
L4070.0	504071.7	5410726.6	68574.70313	324.35	0	48.849495	-86.944499	56287.96	56234.8	15.24	56303.20	56301.91406	56302.85946	56300.82422	504071.7	5410726.6
L4070.0	504071.7	5410727.7	68574.79688	324.53	0	48.849505	-86.944499	56287.86	56234.8	15.24	56303.10	56301.80859	56300.55835	56298.48438	504071.7	5410727.7
L4070.0	504071.7	5410728.5	68574.89844	324.64	0	48.849512	-86.944499	56288.38	56234.8	15.24	56303.61	56302.31250	56311.66612	56309.55469	504071.7	5410728.5
L4070.0	504071.7	5410728.5	68575.00000	315.21	0	48.849512	-86.944499	56288.07	56234.8	15.24	56303.31	56302.00391	56304.96525	56302.81641	504071.7	5410728.5
L4070.0	504071.7	5410730.0	68575.00000	315.21	0	48.849526	-86.944500	56288.53	56234.8	15.24	56303.77	56302.45703	56314.90692	56312.71875	504071.7	5410730.0
L4070.0	504071.6	5410731.4	68575.20313	324.35	0	48.849538	-86.944500	56287.66	56234.8	15.23	56302.89	56301.57031	56295.55240	56293.32813	504071.6	5410731.4
L4070.0	504071.6	5410731.4	68575.29688	322.38	0	48.849538	-86.944500	56288.73	56234.8	15.23	56303.96	56302.63281	56318.82727	56316.57031	504071.6	5410731.4
L4070.0	504071.6	5410732.9	68575.39844	321.24	0	48.849552	-86.944500	56287.99	56234.8	15.23	56303.22	56301.88672	56302.50906	56300.21484	504071.6	5410732.9
L4070.0	504071.6	5410734.0	68575.50000	320.44	0	48.849562	-86.944500	56288.38	56234.8	15.22	56303.60	56302.25781	56310.73023	56308.40234	504071.6	5410734.0
L4070.0	504071.6	5410734.0	68575.60156	322.76	0	48.849562	-86.944500	56288.30	56234.8	15.22	56303.52	56302.17188	56308.85384	56306.48828	504071.6	5410734.0
L4070.0	504071.6	5410735.2	68575.70313	321.61	0	48.849573	-86.944500	56288.07	56234.8	15.22	56303.28	56301.92578	56303.39797	56301.00000	504071.6	5410735.2
L4070.0	504071.6	5410735.2	68575.79688	319.87	0	48.849573	-86.944500	56288.07	56234.8	15.22	56303.28	56301.92188	56303.23859	56300.80859	504071.6	5410735.2
L4070.0	504071.6	5410737.0	68575.89844	320.25	0	48.849588	-86.944500	56288.14	56234.8	15.21	56303.35	56301.98438	56304.64846	56302.18359	504071.6	5410737.0
L4070.0	504071.6	5410738.0	68576.00000	323.45	0	48.849598	-86.944500	56288.09	56234.8	15.21	56303.30	56301.92969	56303.34288	56300.84766	504071.6	5410738.0

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4070.0	504071.7	5410739.3	68576.10156	323.26	0	48.849610	-86.944499	56287.92	56234.8	15.21	56303.13	56301.75391	56299.25208	56296.72266	504071.7	5410739.3
L4070.0	504071.7	5410739.3	68576.20313	326.90	0	48.849610	-86.944499	56288.58	56234.8	15.21	56303.78	56302.39453	56314.06218	56311.50391	504071.7	5410739.3
L4070.0	504071.7	5410741.0	68576.29688	326.32	0	48.849625	-86.944499	56287.94	56234.8	15.20	56303.14	56301.75000	56299.00031	56296.41016	504071.7	5410741.0
L4070.0	504071.7	5410741.0	68576.39844	324.93	0	48.849625	-86.944499	56288.19	56234.8	15.20	56303.39	56301.99609	56304.62292	56302.00391	504071.7	5410741.0
L4070.0	504071.7	5410742.4	68576.50000	325.08	0	48.849637	-86.944499	56288.04	56234.8	15.20	56303.24	56301.83984	56300.83757	56298.18750	504071.7	5410742.4
L4070.0	504071.7	5410743.5	68576.60156	325.19	0	48.849647	-86.944499	56288.25	56234.8	15.20	56303.44	56302.03516	56305.34187	56302.66016	504071.7	5410743.5
L4070.0	504071.7	5410744.9	68576.70313	325.14	0	48.849660	-86.944499	56288.22	56234.8	15.20	56303.42	56302.00781	56304.60636	56301.89844	504071.7	5410744.9
L4070.0	504071.7	5410745.8	68576.79688	325.66	0	48.849668	-86.944498	56287.92	56234.8	15.19	56303.11	56301.69531	56296.85397	56294.11719	504071.7	5410745.8
L4070.0	504071.7	5410747.0	68576.89844	325.92	0	48.849679	-86.944498	56288.19	56234.8	15.19	56303.38	56301.95703	56303.06887	56300.30469	504071.7	5410747.0
L4070.0	504071.7	5410747.0	68577.00000	316.66	0	48.849679	-86.944498	56287.92	56234.8	15.19	56303.11	56301.68359	56296.20504	56293.41016	504071.7	5410747.0
L4070.0	504071.8	5410748.2	68577.00000	316.66	0	48.849690	-86.944498	56288.35	56234.8	15.19	56303.54	56302.10938	56306.31254	56303.49219	504071.8	5410748.2
L4070.0	504071.8	5410748.2	68577.20313	327.53	0	48.849690	-86.944498	56287.66	56234.8	15.20	56302.86	56301.42188	56289.45385	56286.60938	504071.8	5410748.2
L4070.0	504071.8	5410749.7	68577.29688	330.29	0	48.849703	-86.944497	56288.26	56234.8	15.20	56303.46	56302.01953	56303.66312	56300.79297	504071.8	5410749.7
L4070.0	504071.8	5410749.7	68577.39844	333.43	0	48.849703	-86.944497	56288.35	56234.8	15.20	56303.55	56302.10547	56305.46217	56302.56250	504071.8	5410749.7
L4070.0	504071.8	5410751.2	68577.50000	332.52	0	48.849717	-86.944497	56288.61	56234.8	15.21	56303.81	56302.35938	56311.32577	56308.40234	504071.8	5410751.2
L4070.0	504071.9	5410752.7	68577.60156	333.10	0	48.849730	-86.944496	56288.27	56234.8	15.21	56303.48	56302.02734	56302.96531	56300.01563	504071.9	5410752.7
L4070.0	504071.9	5410752.7	68577.70313	332.71	0	48.849730	-86.944496	56288.04	56234.8	15.21	56303.25	56301.79297	56297.05878	56294.08594	504071.9	5410752.7
L4070.0	504071.9	5410754.0	68577.79688	330.56	0	48.849742	-86.944496	56288.42	56234.8	15.21	56303.64	56302.17578	56305.89655	56302.90234	504071.9	5410754.0
L4070.0	504071.9	5410755.4	68577.89844	317.93	0	48.849754	-86.944496	56288.04	56234.8	15.22	56303.26	56301.79297	56296.48417	56293.46484	504071.9	5410755.4
L4070.0	504071.9	5410756.6	68578.00000	314.85	0	48.849765	-86.944496	56288.42	56234.8	15.22	56303.64	56302.16797	56304.93389	56301.89063	504071.9	5410756.6
L4070.0	504071.9	5410756.6	68578.10156	324.01	0	48.849765	-86.944496	56288.24	56234.8	15.22	56303.46	56301.98438	56300.26256	56297.19531	504071.9	5410756.6
L4070.0	504071.9	5410758.1	68578.20313	321.98	0	48.849779	-86.944495	56288.63	56234.8	15.21	56303.84	56302.36328	56308.52212	56305.43750	504071.9	5410758.1
L4070.0	504071.9	5410759.2	68578.29688	323.82	0	48.849789	-86.944495	56288.04	56234.8	15.21	56303.25	56301.76953	56294.48435	56291.37500	504071.9	5410759.2
L4070.0	504072.0	5410760.6	68578.39844	322.52	0	48.849801	-86.944495	56288.45	56234.8	15.21	56303.66	56302.17578	56303.31256	56300.18359	504072.0	5410760.6
L4070.0	504072.0	5410760.6	68578.50000	321.67	0	48.849801	-86.944495	56288.70	56234.8	15.21	56303.91	56302.42188	56308.41337	56305.26172	504072.0	5410760.6
L4070.0	504072.0	5410761.9	68578.60156	322.45	0	48.849812	-86.944495	56288.50	56234.8	15.20	56303.70	56302.20703	56303.08561	56299.91406	504072.0	5410761.9
L4070.0	504072.0	5410763.6	68578.70313	324.12	0	48.849828	-86.944495	56288.53	56234.8	15.20	56303.73	56302.23438	56303.16669	56299.97656	504072.0	5410763.6
L4070.0	504072.0	5410764.9	68578.79688	322.96	0	48.849840	-86.944495	56288.40	56234.8	15.20	56303.59	56302.09375	56299.38521	56296.17578	504072.0	5410764.9
L4070.0	504072.0	5410764.9	68578.89844	322.84	0	48.849840	-86.944495	56288.88	56234.8	15.19	56304.08	56302.57813	56309.84197	56306.61328	504072.0	5410764.9
L4070.0	504072.0	5410766.2	68579.00000	324.83	0	48.849851	-86.944495	56288.61	56234.8	15.19	56303.80	56302.29688	56302.82623	56299.57813	504072.0	5410766.2
L4070.0	504072.0	5410767.7	68579.00000	324.83	0	48.849865	-86.944495	56288.61	56234.8	15.19	56303.80	56302.29297	56302.12996	56298.86328	504072.0	5410767.7
L4070.0	504072.0	5410767.7	68579.20313	323.18	0	48.849865	-86.944495	56288.68	56234.8	15.19	56303.87	56302.36328	56303.02182	56299.73828	504072.0	5410767.7
L4070.0	504072.0	5410769.3	68579.29688	323.18	0	48.849879	-86.944495	56288.81	56234.8	15.19	56304.00	56302.48828	56305.31108	56302.01172	504072.0	5410769.3
L4070.0	504072.0	5410770.6	68579.39844	321.16	0	48.849891	-86.944495	56288.78	56234.8	15.19	56303.97	56302.45703	56303.84672	56300.53125	504072.0	5410770.6
L4070.0	504072.0	5410771.9	68579.50000	319.93	0	48.849903	-86.944495	56288.76	56234.8	15.19	56303.95	56302.43359	56302.57116	56299.23828	504072.0	5410771.9
L4070.0	504072.0	5410771.9	68579.60156	310.16	0	48.849903	-86.944495	56289.09	56234.8	15.19	56304.28	56302.76172	56309.68004	56306.33203	504072.0	5410771.9
L4070.0	504071.9	5410773.4	68579.70313	312.34	0	48.849917	-86.944495	56289.12	56234.8	15.19	56304.31	56302.78906	56309.61139	56306.24609	504071.9	5410773.4
L4070.0	504071.9	5410773.4	68579.79688	311.95	0	48.849917	-86.944495	56289.12	56234.8	15.19	56304.31	56302.78906	56308.78227	56305.40234	504071.9	5410773.4
L4070.0	504071.9	5410775.2	68579.89844	325.24	0	48.849932	-86.944495	56289.04	56234.8	15.19	56304.23	56302.70703	56305.93580	56302.54297	504071.9	5410775.2
L4070.0	504071.9	5410776.5	68580.00000	327.84	0	48.849944	-86.944495	56289.21	56234.8	15.19	56304.40	56302.87500	56309.25684	56305.84766	504071.9	5410776.5
L4070.0	504071.9	5410777.8	68580.10156	328.97	0	48.849956	-86.944495	56289.06	56234.8	15.19	56304.25	56302.72266	56304.57041	56301.14844	504071.9	5410777.8
L4070.0	504071.9	5410778.7	68580.20313	329.39	0	48.849964	-86.944495	56289.24	56234.8	15.19	56304.43	56302.90234	56308.13603	56304.69922	504071.9	5410778.7
L4070.0	504071.9	5410780.3	68580.29688	331.34	0	48.849978	-86.944495	56289.26	56234.8	15.19	56304.45	56302.92188	56307.66078	56304.21094	504071.9	5410780.3
L4070.0	504071.9	5410780.3	68580.39844	331.93	0	48.849978	-86.944495	56288.96	56234.8	15.19	56304.15	56302.62109	56299.03258	56295.57031	504071.9	5410780.3
L4070.0	504071.9	5410781.8	68580.50000	330.44	0	48.849992	-86.944495	56289.15	56234.8	15.19	56304.34	56302.80859	56302.82532	56299.35156	504071.9	5410781.8
L4070.0	504071.9	5410783.6	68580.60156	328.69	0	48.850008	-86.944495	56289.14	56234.8	15.19	56304.33	56302.79688	56301.52273	56298.03516	504071.9	5410783.6
L4070.0	504071.9	5410783.6	68580.70313	328.00	0	48.850008	-86.944495	56289.54	56234.8	15.19	56304.73	56303.19531	56310.63263	56307.13281	504071.9	5410783.6
L4070.0	504071.9	5410784.8	68580.79688	325.55	0	48.850019	-86.944495	56289.39	56234.8	15.19	56304.58	56303.04688	56305.74378	56302.23438	504071.9	5410784.8
L4070.0	504071.9	5410786.2	68580.89844	324.29	0	48.850031	-86.944495	56289.32	56234.8	15.19	56304.51	56302.97656	56302.89315	56299.37109	504071.9	5410786.2
L4070.0	504071.9	5410787.6	68581.00000	324.29	0	48.850044	-86.944495	56289.52	56234.8	15.19	56304.71	56303.17578	56306.84228	56303.31250	504071.9	5410787.6
L4070.0	504071.9	5410787.6	68581.00000	324.29	0	48.850044	-86.944495	56289.70	56234.8	15.19	56304.89	56303.35547	56310.23448	56306.69141	504071.9	5410787.6
L4070.0	504071.9	5410789.3	68581.20313	325.40	0	48.850059	-86.944496	56289.60	56234.8	15.19	56304.79	56303.25391	56306.62654	56303.07422	504071.9	5410789.3
L4070.0	504071.9	5410789.3	68581.29688	325.29	0	48.850059	-86.944496	56289.78	56234.8	15.19	56304.97	56303.43359	56309.94968	56306.39063	504071.9	5410789.3
L4070.0	504071.9	5410792.0	68581.39844	325.82	0	48.850083	-86.944496	56289.85	56234.8	15.19	56305.04	56303.50391	56310.52756	56306.95703	504071.9	5410792.0
L4070.0	504071.9	5410792.0	68581.50000	325.70	0	48.850083	-86.944496	56289.91	56234.8	15.19	56305.10	56303.56250	56310.84727	56307.26953	504071.9	5410792.0
L4070.0	504071.9	5410793.5	68581.60156	326.15	0	48.850098	-86.944496	56289.60	56234.8	15.19	56304.79	56303.25391	56302.26085	56298.67578	504071.9	5410793.5
L4070.0	504071.9	5410793.5	68581.70313	324.84	0	48.850098	-86.944496	56289.80	56234.8	15.19	56304.99	56303.45313	56305.96752	56302.37500	504071.9	5410793.5
L4070.0	504071.8	5410795.1	68581.79688	324.46	0	48.850111	-86.944496	56290.24	56234.8	15.19	56305.43	56303.89453	56315.32578	56311.72656	504071.8	5410795.1
L4070.0	504071.8	5410796.2	68581.89844	323.79	0	48.850121	-86.944497	56289.93	56234.8	15.19	56305.12	56303.58203	56306.85927	56303.25000	504071.8	5410796.2
L4070.0	504071.8	5410797.5	68582.00000	323.99	0	48.850133	-86.944497	56290.14	56234.8	15.19	56305.33	56303.79297	56310.71148	56307.09766	504071.8	5410797.5
L4070.0	504071.8	5410797.5	68582.10156	321.58	0	48.850133	-86.944497	56290.21	56234.8	15.19	56305.40	56303.86328	56311.25065	56307.62891	504071.8	5410797.5
L4070.0	504071.8	5410799.4	68582.20313	321.82	0	48.850151	-86.944498	56289.91	56234.8	15.19	56305.09	56303.55469	56302.86885	56299.24219	504071.8	5410799.4
L4070.0	504071.7	5410801.1	68582.29688	321.72	0	48.850166	-86.944498	56290.00	56234.8	15.19	56305.19	56303.65625	56304.11713	56300.48438	504071.7	5410801.1
L4070.0	504071.7	5410801.1	68582.39844	323.17	0	48.850166	-86.944498	56290.29	56234.8	15.19	56305.47	56303.93359	56309.58224	56305.94531	504071.7	5410801.1
L4070.0	504071.7	5410802.8	68582.50000	325.00	0	48.850181	-86.944499	56290.44	56234.8	15.18	56305.63	56304.09766	56312.23348	56308.58984	504071.7	5410802.8
L4070.0	504071.7	5410803.9	68582.60156	324.67	0	48.850191	-86.944499	56290.08	56234.8	15.18	56305.26	56303.72656	56302.43448	56298.78906	504071.7	5410803.9
L4070.0	504071.7	5410803.9	68582.70313	325.74	0	48.850191	-86.944499	56290.34	56234.8	15.18	56305.53	56303.99609	56307.66824	56304.01563	504071.7	5410803.9
L4070.0	504071.6	5410805.5	68582.79688	327.11	0	48.850205	-86.944499	56290.36	56234.8	15.18	56305.54	56304.00781	56306.78664	56303.13281	504071.6	5410805.5
L4070.0	504071.6	5410806.8	68582.89844	325.72	0	48.850217	-86.944499	56290.39	56234.8	15.18	56305.58	56304.05078	56306.60810	56302.94922	504071.6	5410806.8
L4070.0	504071.6	5410806.8	68583.00000	326.24	0	48.850217	-86.944499	56290.52	56234.8	15.18	56305.70	56304.17188	56308.31952	56304.65625	504071.6	5410806.8
L4070.0	504071.6	5410808.2	68583.00000	326.24	0	48.850229	-86.944499	56290.23	56234.8	15.18	56305.41	56303.88281	56300.31754	56296.65234	504071.6	5410808.2
L4070.0	504071.6	5410809.8	68583.20313	312.10	0	48.850243	-86.944499	56290.63	56234.8	15.18	56305.81	56304.28516	56308.66710	56305.00000	504071.6	5410809.8
L4070.0	504071.6	5410811.2	68583.29688	314.14	0	48.850256	-86.944499	56290.59	56234.8	15.18	56305.77	56304.24609	56306.58081	56302.91016	504071.6	5410811.2
L4070.0	504071.6	5410812.6	68583.39844	324.70	0	48.850269	-86.944499	56290.70	56234.8	15.18	56305.88	56304.35547	56308.05687	56304.38672	504071.6	5410812.6
L4070.0	504071.6	5410812.6	68583.50000	324.76	0	48.850269	-86.944499	56290.54	56234.8	15.18	56305.73	56304.20703	56303.34517	56299.67188	504071.6	5410812.6
L4070.0	504071.7	5410814.3	68583.60156	322.79	0	48.850284	-86.944499	56290.85	56234.8	15.19	56306.04	56304.51953	56309.58249	56305.91016	504071.7	5410814.3
L4070.0	504071.7	5410816.0	68583.70313	324.72	0	48.850299	-86.944498	56290.92	56234.8	15.19	56306.11	56304.58984	56310.10604	56306.42969	504071.7	5410816.0
L4070.0	504071.7	5410816.0	68583.79688	327.72	0	48.850299	-86.944498	56291.11	56234.8	15.19	56306.29	56304.77344	56313.24599	56309.57031	504071.7	5410816.0
L4070.0	504071.7	5410817.4	68583.89844	329.20	0	48.850312	-86.944498	56291.18	56234.8	15.19	56306.37	56304.85547	56314.00026	56310.32422	504071.7	5410817.4
L4070.0	504071.8	5410819.5	68584.00000	318.20	0	48.850331	-86.944497	56290.95	56234.8	15.19	56306.14	56304.62500	56307.39115	56303.71484	504071.8	5410819.5
L4070.0	504071.8	5410819.5	68584.10156	319.29	0	48.850331	-86.944497	56291.23	56234.8	15.19	56306.42	56304.91016	56312.88472	56309.20703	504071.8	5410819.5
L4070.0	504071.8	5410821.1	68584.20313	318.20	0	48.850345	-86.944497	56291.13	56234.8	15.19	56306.32	56304.81250	56309.37748	56305.70313	504071.8	5410821.1
L4070.0	504071.8	5410822.9	68584.29688	318.32	0	48.850362	-86.944496	56291.18	56234.8	15.19	56306.36	56304.85156	56309.18653	56305.51172	504071.8	5410822.9
L4070.0	504071.8	5410822.9	68584.39844	331.54	0	48.850362	-86.944496	56291.28	56234.8	15.19	56306.47	56304.96484	56310.63574	56306.96094	504071.8	5410822.9
L4070.0	504071.9	5410824.8	68584.50000	330.92	0	48.850379	-86.944496	56291.36	56234.8	15.18	56306.54	56305.03906	56311.13966	56307.46875	504071.9	5410824.8
L4070.0	504071.9	5410826.4	68584.60156	329.94	0	48.850393	-86.944496	56291.31	56234.8	15.18	56306.49	56304.98828	56308.86506	56305.19531	504071.9	5410826.4
L4070.0	504071.9	5410826.4	68584.70313	327.82	0	48.850393	-86.944496	56291.72	56234.8	15.18	56306.90	56305.40234	56317.17245	56313.50391	504071.9	5410826.4
L4070.0	504071.9	5410828.1	68584.79688	326.83	0	48.850408	-86.944495	56291.56	56234.8	15.18	56306.75	56305.25391	56312.61191	56308.94531	504071.9	5410828.1
L4070.0	504071.9	5410829.7	68584.89844	326.81	0	48.850423	-86.944495	56291.59	56234.8	15.18	56306.77	56305.27734	56311.96227	56308.29688	504071.9	5410829.7
L4070.0	504071.9	5410829.7	68585.00000	326.19	0	48.850423	-86.944495	56291.46	56234.8	15.18	56306.64	56305.14844	56307.98471	56304.32422	504071.9	5410829.7
L4070.0	504071.9	5410831.3	68585.00000	326.19	0	48.850438	-86.944495	56291.41	56234.8	15.18	56306.59	56305.10156	56305.86016	56302.20313	504071.9	5410831.3
L4070.0	504071.9	5410832.5	68585.20313	323.44	0	48.850448	-86.944495	56291.77	56234.8	15.18	56306.95	56305.46484	56312.73879	56309.08203	504071.9	5410832.5
L4070.0	504071.9	5410833.8	68585.29688	323.94	0	48.850460	-86.944495	56291.54	56234.8	15.18	56306.72	56305.23828	56306.73854	56303.08594	504071.9	5410833.8

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4070.0	504071.9	5410833.8	68585.39844	324.97	0	48.850460	-86.944495	56291.79	56234.8	15.18	56306.98	56305.50000	56311.34807	56307.69922	504071.9	5410833.8
L4070.0	504071.9	5410835.3	68585.50000	323.57	0	48.850473	-86.944495	56292.00	56234.8	15.19	56307.19	56305.71484	56314.82233	56311.17578	504071.9	5410835.3
L4070.0	504072.0	5410837.0	68585.60156	324.95	0	48.850488	-86.944494	56291.97	56234.8	15.19	56307.15	56305.67578	56313.00258	56309.35938	504072.0	5410837.0
L4070.0	504072.0	5410838.7	68585.70313	322.76	0	48.850504	-86.944494	56291.84	56234.8	15.19	56307.03	56305.55859	56309.56211	56305.92188	504072.0	5410838.7
L4070.0	504072.0	5410838.7	68585.79688	320.83	0	48.850504	-86.944494	56291.87	56234.8	15.19	56307.06	56305.59375	56309.29106	56305.65625	504072.0	5410838.7
L4070.0	504072.0	5410840.0	68585.89844	319.10	0	48.850515	-86.944494	56291.87	56234.8	15.19	56307.06	56305.59375	56308.42028	56304.78906	504072.0	5410840.0
L4070.0	504072.0	5410841.6	68586.00000	317.23	0	48.850530	-86.944494	56291.94	56234.8	15.19	56307.13	56305.66797	56309.01139	56305.38281	504072.0	5410841.6
L4070.0	504072.0	5410841.6	68586.10156	316.08	0	48.850530	-86.944494	56292.45	56234.8	15.19	56307.64	56306.18359	56318.66055	56315.03906	504072.0	5410841.6
L4070.0	504072.0	5410843.8	68586.20313	317.24	0	48.850549	-86.944494	56292.18	56234.8	15.19	56307.38	56305.92578	56312.50440	56308.88672	504072.0	5410843.8
L4070.0	504072.0	5410845.1	68586.29688	318.88	0	48.850562	-86.944493	56291.94	56234.8	15.19	56307.13	56305.67969	56306.55903	56302.94531	504072.0	5410845.1
L4070.0	504072.0	5410845.1	68586.39844	318.76	0	48.850562	-86.944493	56292.18	56234.8	15.19	56307.37	56305.92188	56310.73245	56307.12109	504072.0	5410845.1
L4070.0	504072.0	5410846.5	68586.50000	319.56	0	48.850574	-86.944493	56292.36	56234.8	15.19	56307.55	56306.10547	56313.71804	56310.11328	504072.0	5410846.5
L4070.0	504072.1	5410848.0	68586.60156	320.94	0	48.850587	-86.944493	56292.18	56234.8	15.20	56307.38	56305.93750	56309.43219	56305.83203	504072.1	5410848.0
L4070.0	504072.1	5410848.0	68586.70313	321.49	0	48.850587	-86.944493	56292.28	56234.8	15.20	56307.47	56306.03125	56310.59490	56307.00000	504072.1	5410848.0
L4070.0	504072.1	5410849.6	68586.79688	324.89	0	48.850602	-86.944493	56292.38	56234.8	15.20	56307.58	56306.14453	56312.22646	56308.63281	504072.1	5410849.6
L4070.0	504072.1	5410851.0	68586.89844	325.16	0	48.850615	-86.944492	56292.61	56234.8	15.20	56307.81	56306.37891	56316.49846	56312.91016	504072.1	5410851.0
L4070.0	504072.1	5410851.0	68587.00000	325.78	0	48.850615	-86.944492	56292.39	56234.8	15.20	56307.59	56306.16406	56311.08183	56307.50000	504072.1	5410851.0
L4070.0	504072.1	5410852.5	68587.00000	325.78	0	48.850628	-86.944492	56292.28	56234.8	15.20	56307.48	56306.05859	56307.98998	56304.41016	504072.1	5410852.5
L4070.0	504072.2	5410854.3	68587.20313	323.69	0	48.850644	-86.944491	56292.38	56234.8	15.20	56307.57	56306.15234	56309.30293	56305.72656	504072.2	5410854.3
L4070.0	504072.2	5410854.3	68587.29688	322.85	0	48.850644	-86.944491	56292.52	56234.8	15.19	56307.71	56306.29297	56311.78929	56308.21875	504072.2	5410854.3
L4070.0	504072.2	5410855.7	68587.39844	322.41	0	48.850657	-86.944491	56292.96	56234.8	15.19	56308.15	56306.73828	56321.15846	56317.59375	504072.2	5410855.7
L4070.0	504072.2	5410857.4	68587.50000	312.99	0	48.850672	-86.944490	56292.89	56234.8	15.19	56308.08	56306.67188	56319.02830	56315.46484	504072.2	5410857.4
L4070.0	504072.2	5410857.4	68587.60156	314.54	0	48.850672	-86.944490	56292.84	56234.8	15.19	56308.03	56306.62500	56317.33480	56313.77734	504072.2	5410857.4
L4070.0	504072.3	5410859.1	68587.70313	330.48	0	48.850688	-86.944490	56292.82	56234.8	15.19	56308.01	56306.60938	56316.32602	56312.77344	504072.3	5410859.1
L4070.0	504072.3	5410860.7	68587.79688	329.77	0	48.850701	-86.944490	56292.96	56234.8	15.18	56308.15	56306.75391	56319.05837	56315.50781	504072.3	5410860.7
L4070.0	504072.3	5410860.7	68587.89844	329.35	0	48.850701	-86.944490	56292.78	56234.8	15.18	56307.96	56306.57031	56314.08134	56310.53516	504072.3	5410860.7
L4070.0	504072.3	5410862.5	68588.00000	328.98	0	48.850718	-86.944489	56292.89	56234.8	15.18	56308.07	56306.68359	56316.14738	56312.60547	504072.3	5410862.5
L4070.0	504072.3	5410864.2	68588.10156	328.74	0	48.850733	-86.944489	56293.06	56234.8	15.18	56308.24	56306.85547	56319.65118	56316.10938	504072.3	5410864.2
L4070.0	504072.4	5410866.0	68588.20313	327.96	0	48.850750	-86.944489	56292.82	56234.8	15.18	56308.00	56306.62109	56313.50589	56309.96875	504072.4	5410866.0
L4070.0	504072.4	5410866.0	68588.29688	325.48	0	48.850750	-86.944489	56293.02	56234.8	15.18	56308.19	56306.81641	56317.51117	56313.97656	504072.4	5410866.0
L4070.0	504072.4	5410867.7	68588.39844	324.79	0	48.850765	-86.944488	56292.77	56234.8	15.18	56307.94	56306.57031	56311.17742	56307.64453	504072.4	5410867.7
L4070.0	504072.4	5410869.1	68588.50000	324.49	0	48.850778	-86.944488	56292.91	56234.8	15.18	56308.09	56306.72266	56314.26701	56310.73828	504072.4	5410869.1
L4070.0	504072.4	5410869.1	68588.60156	321.57	0	48.850778	-86.944488	56292.92	56234.8	15.17	56308.09	56306.73047	56313.85265	56310.32422	504072.4	5410869.1
L4070.0	504072.4	5410870.8	68588.70313	322.37	0	48.850793	-86.944488	56292.91	56234.8	15.17	56308.09	56306.73438	56313.45916	56309.93359	504072.4	5410870.8
L4070.0	504072.4	5410872.7	68588.79688	323.08	0	48.850810	-86.944488	56293.02	56234.8	15.17	56308.20	56306.84766	56315.61008	56312.08594	504072.4	5410872.7
L4070.0	504072.4	5410872.7	68588.89844	325.66	0	48.850810	-86.944488	56293.02	56234.8	15.17	56308.19	56306.84375	56315.00856	56311.48438	504072.4	5410872.7
L4070.0	504072.4	5410874.3	68589.00000	325.41	0	48.850824	-86.944488	56292.92	56234.8	15.17	56308.09	56306.74609	56312.41353	56308.89063	504072.4	5410874.3
L4070.0	504072.4	5410875.5	68589.00000	325.41	0	48.850835	-86.944488	56293.27	56234.8	15.17	56308.44	56307.10156	56319.88128	56316.35938	504072.4	5410875.5
L4070.0	504072.4	5410876.9	68589.20313	324.84	0	48.850848	-86.944488	56293.15	56234.8	15.17	56308.32	56306.98828	56316.88528	56313.36328	504072.4	5410876.9
L4070.0	504072.4	5410876.9	68589.29688	325.98	0	48.850848	-86.944488	56293.00	56234.8	15.17	56308.16	56306.83203	56313.12160	56309.60156	504072.4	5410876.9
L4070.0	504072.4	5410878.3	68589.39844	323.16	0	48.850860	-86.944488	56293.06	56234.8	15.17	56308.23	56306.90625	56314.38507	56310.86719	504072.4	5410878.3
L4070.0	504072.4	5410879.8	68589.50000	322.66	0	48.850873	-86.944488	56293.15	56234.8	15.17	56308.31	56306.99219	56315.85241	56312.33203	504072.4	5410879.8
L4070.0	504072.4	5410879.8	68589.60156	324.22	0	48.850873	-86.944488	56293.04	56234.8	15.16	56308.20	56306.88672	56313.35612	56309.83594	504072.4	5410879.8
L4070.0	504072.4	5410881.7	68589.70313	324.13	0	48.850891	-86.944488	56293.02	56234.8	15.16	56308.19	56306.87891	56313.00411	56309.48438	504072.4	5410881.7
L4070.0	504072.4	5410883.2	68589.79688	322.54	0	48.850904	-86.944488	56293.12	56234.8	15.16	56308.28	56306.97656	56314.73180	56311.21094	504072.4	5410883.2
L4070.0	504072.4	5410883.2	68589.89844	320.07	0	48.850904	-86.944488	56292.92	56234.8	15.16	56308.08	56306.78125	56310.58104	56307.05859	504072.4	5410883.2
L4070.0	504072.4	5410884.6	68590.00000	309.43	0	48.850917	-86.944488	56293.06	56234.8	15.16	56308.22	56306.92578	56313.37150	56309.84766	504072.4	5410884.6
L4070.0	504072.4	5410886.3	68590.10156	308.69	0	48.850932	-86.944488	56293.05	56234.8	15.16	56308.21	56306.92188	56313.15242	56309.62500	504072.4	5410886.3
L4070.0	504072.4	5410888.2	68590.20313	318.48	0	48.850949	-86.944488	56293.04	56234.8	15.16	56308.20	56306.91406	56312.96678	56309.43750	504072.4	5410888.2
L4070.0	504072.4	5410888.2	68590.29688	311.32	0	48.850949	-86.944488	56293.28	56234.8	15.16	56308.44	56307.16016	56317.83989	56314.30859	504072.4	5410888.2
L4070.0	504072.3	5410890.3	68590.39844	312.47	0	48.850968	-86.944489	56293.04	56234.8	15.16	56308.20	56306.92578	56313.09478	56309.55859	504072.3	5410890.3
L4070.0	504072.3	5410890.3	68590.50000	321.32	0	48.850968	-86.944489	56293.00	56234.8	15.17	56308.16	56306.89063	56312.39892	56308.85938	504072.3	5410890.3
L4070.0	504072.3	5410891.9	68590.60156	311.80	0	48.850983	-86.944489	56293.22	56234.8	15.17	56308.39	56307.12500	56317.22358	56313.67969	504072.3	5410891.9
L4070.0	504072.3	5410893.1	68590.70313	312.83	0	48.850994	-86.944489	56293.20	56234.8	15.17	56308.36	56307.10156	56316.81987	56313.27344	504072.3	5410893.1
L4070.0	504072.3	5410895.0	68590.79688	324.02	0	48.851011	-86.944490	56292.89	56234.8	15.17	56308.06	56306.80859	56310.86189	56307.31250	504072.3	5410895.0
L4070.0	504072.3	5410895.0	68590.89844	324.17	0	48.851011	-86.944490	56292.86	56234.8	15.17	56308.03	56306.78125	56310.46222	56306.91016	504072.3	5410895.0
L4070.0	504072.2	5410896.4	68591.00000	324.56	0	48.851023	-86.944490	56292.89	56234.8	15.17	56308.06	56306.81641	56311.35063	56307.79297	504072.2	5410896.4
L4070.0	504072.2	5410898.1	68591.00000	324.56	0	48.851038	-86.944490	56292.94	56234.8	15.17	56308.11	56306.87500	56312.71583	56309.15234	504072.2	5410898.1
L4070.0	504072.2	5410898.1	68591.20313	322.22	0	48.851038	-86.944490	56292.76	56234.8	15.17	56307.92	56306.68750	56308.95866	56305.39063	504072.2	5410898.1
L4070.0	504072.2	5410899.9	68591.29688	325.00	0	48.851054	-86.944490	56292.79	56234.8	15.16	56307.96	56306.73438	56310.17035	56306.59766	504072.2	5410899.9
L4070.0	504072.2	5410901.7	68591.39844	326.67	0	48.851070	-86.944491	56293.12	56234.8	15.16	56308.28	56307.05859	56317.62310	56314.04297	504072.2	5410901.7
L4070.0	504072.2	5410902.7	68591.50000	328.73	0	48.851080	-86.944491	56293.33	56234.8	15.16	56308.49	56307.27734	56322.80235	56319.21875	504072.2	5410902.7
L4070.0	504072.2	5410902.7	68591.60156	327.89	0	48.851080	-86.944491	56292.86	56234.8	15.16	56308.02	56306.81250	56312.79569	56309.20703	504072.2	5410902.7
L4070.0	504072.1	5410904.5	68591.70313	328.75	0	48.851096	-86.944491	56293.25	56234.8	15.16	56308.41	56307.20703	56322.14243	56318.54688	504072.1	5410904.5
L4070.0	504072.1	5410906.6	68591.79688	327.46	0	48.851114	-86.944492	56292.77	56234.8	15.15	56307.92	56306.72266	56311.57146	56307.96875	504072.1	5410906.6
L4070.0	504072.1	5410906.6	68591.89844	318.54	0	48.851114	-86.944492	56292.78	56234.8	15.15	56307.93	56306.73828	56312.36470	56308.75781	504072.1	5410906.6
L4070.0	504072.1	5410908.2	68592.00000	318.81	0	48.851129	-86.944492	56292.68	56234.8	15.15	56307.83	56306.64453	56310.67787	56307.06250	504072.1	5410908.2
L4070.0	504072.0	5410909.9	68592.10156	318.77	0	48.851144	-86.944492	56292.92	56234.9	15.15	56308.07	56306.89063	56316.78581	56313.16406	504072.0	5410909.9
L4070.0	504072.0	5410909.9	68592.20313	318.12	0	48.851144	-86.944492	56292.89	56234.9	15.15	56308.03	56306.85547	56316.52628	56312.89844	504072.0	5410909.9
L4070.0	504072.0	5410912.0	68592.29688	327.00	0	48.851163	-86.944493	56293.18	56234.9	15.14	56308.32	56307.15234	56323.78419	56320.15234	504072.0	5410912.0
L4070.0	504072.0	5410912.0	68592.39844	326.67	0	48.851163	-86.944493	56293.02	56234.9	15.14	56308.16	56307.00000	56320.85338	56317.21484	504072.0	5410912.0
L4070.0	504072.0	5410913.5	68592.50000	326.23	0	48.851177	-86.944493	56292.67	56234.9	15.14	56307.81	56306.65625	56313.72069	56310.07422	504072.0	5410913.5
L4070.0	504072.0	5410915.2	68592.60156	322.78	0	48.851192	-86.944493	56292.96	56234.9	15.14	56308.10	56306.94922	56321.00627	56317.35156	504072.0	5410915.2
L4070.0	504072.0	5410915.2	68592.70313	322.84	0	48.851192	-86.944493	56292.64	56234.9	15.14	56307.78	56306.63672	56314.70208	56311.04297	504072.0	5410915.2
L4070.0	504071.9	5410917.0	68592.79688	321.98	0	48.851208	-86.944494	56292.76	56234.9	15.13	56307.89	56306.75391	56318.02672	56314.35938	504071.9	5410917.0
L4070.0	504071.9	5410918.4	68592.89844	321.59	0	48.851221	-86.944494	56293.07	56234.9	15.13	56308.21	56307.07813	56326.01399	56322.33984	504071.9	5410918.4
L4070.0	504071.9	5410918.4	68593.00000	321.41	0	48.851221	-86.944494	56292.58	56234.9	15.13	56307.71	56306.58594	56315.97791	56312.29688	504071.9	5410918.4
L4070.0	504071.8	5410920.4	68593.00000	321.41	0	48.851239	-86.944495	56292.79	56234.9	15.13	56307.92	56306.80078	56321.64451	56317.95703	504071.8	5410920.4
L4070.0	504071.8	5410922.0	68593.20313	322.65	0	48.851253	-86.944496	56292.18	56234.9	15.13	56307.31	56306.19922	56309.35103	56305.65625	504071.8	5410922.0
L4070.0	504071.8	5410923.4	68593.29688	323.33	0	48.851266	-86.944496	56292.30	56234.9	15.13	56307.43	56306.32422	56313.16824	56309.46875	504071.8	5410923.4
L4070.0	504071.8	5410923.4	68593.39844	322.53	0	48.851266	-86.944496	56292.40	56234.9	15.13	56307.54	56306.44141	56316.85504	56313.14844	504071.8	5410923.4
L4070.0	504071.7	5410925.1	68593.50000	322.27	0	48.851281	-86.944497	56292.23	56234.9	15.14	56307.37	56306.27734	56314.42011	56310.70703	504071.7	5410925.1
L4070.0	504071.7	5410926.6	68593.60156	321.96	0	48.851294	-86.944497	56292.53	56234.9	15.14	56307.67	56306.58594	56322.58335	56318.86719	504071.7	5410926.6
L4070.0	504071.7	5410926.6	68593.70313	322.05	0	48.851294	-86.944497	56292.50	56234.9	15.14	56307.64	56306.56250	56323.49951	56319.77344	504071.7	5410926.6
L4070.0	504071.7	5410928.0	68593.79688	319.70	0	48.851307	-86.944497	56292.46	56234.9	15.14	56307.60	56306.52734	56324.29073	56320.56250	504071.7	5410928.0
L4070.0	504071.6	5410929.4	68593.89844	321.93	0	48.851320	-86.944498	56292.13	56234.9	15.14	56307.26	56306.19531	56318.18578	56314.44922	504071.6	5410929.4
L4070.0	504071.6	5410930.6	68594.00000	323.62	0	48.851330	-86.944498	56291.77	56234.9	15.14	56306.91	56305.85156	56311.74427	56308.00391	504071.6	5410930.6
L4070.0	504071.6	5410930.6	68594.10156	324.47	0	48.851330	-86.944498	56291.89	56234.9	15.14	56307.03	56305.97656	56316.44253	56312.69531	504071.6	5410930.6
L4070.0	504071.6	5410932.6	68594.20313	315.19	0	48.851348	-86.944499	56291.84	56234.9	15.14	56306.98	56305.93359	56317.20192	56313.44922	504071.6	5410932.6
L4070.0	504071.5	5410934.0	68594.29688	316.47	0	48.851361	-86.944499	56292.13	56234.9	15.14	56307.26	56306.22266	56326.13448	56322.37891	504071.5	5410934.0
L4070.0	504071.5	5410935.6	68594.39844	325.40	0	48.851375	-86.944500	56291.59	56234.9	15.14	56306.73	56305.69922	56315.21777	56311.45703	504071.5	5410935.6
L4070.0	504071.5	5410935.6	68594.50000	326.23	0	48.851375	-86.944500	56291.62	56234.9	15.14	56306.76	56305.73438	56318.15469	56314.39063	504071.5	5410935.6
L4070.0	504071.4	5410937.5	68594.60156	327.65	0	48.851393	-86.944500	56291.34	56234.9	15.14	56306.48	56305.46484	56313.37140	56309.60156	504071.4	5410937.5

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4070.0	504071.4	5410939.0	68594.70313	329.35	0	48.851406	-86.944501	56291.56	56234.9	15.14	56306.70	56305.69141	56321.25063	56317.47656	504071.4	5410939.0
L4070.0	504071.4	5410939.0	68594.79688	331.45	0	48.851406	-86.944501	56291.31	56234.9	15.14	56306.45	56305.44922	56317.28649	56313.51172	504071.4	5410939.0
L4070.0	504071.4	5410940.7	68594.89844	332.34	0	48.851422	-86.944501	56291.28	56234.9	15.14	56306.42	56305.42578	56318.94160	56315.16406	504071.4	5410940.7
L4070.0	504071.4	5410940.7	68595.00000	333.67	0	48.851422	-86.944501	56291.21	56234.9	15.14	56306.35	56305.36328	56319.61228	56315.83203	504071.4	5410940.7
L4070.0	504071.4	5410942.0	68595.00000	333.67	0	48.851433	-86.944501	56291.06	56234.9	15.14	56306.20	56305.21875	56318.28707	56314.50391	504071.4	5410942.0
L4070.0	504071.4	5410943.5	68595.20313	332.36	0	48.851446	-86.944502	56291.18	56234.9	15.14	56306.32	56305.34766	56323.76245	56319.97656	504071.4	5410943.5
L4070.0	504071.3	5410945.0	68595.29688	327.84	0	48.851460	-86.944502	56290.62	56234.9	15.13	56305.75	56304.78516	56312.06973	56308.28125	504071.3	5410945.0
L4070.0	504071.3	5410946.4	68595.39844	326.24	0	48.851473	-86.944502	56290.52	56234.9	15.13	56305.65	56304.69141	56312.17535	56308.38672	504071.3	5410946.4
L4070.0	504071.3	5410946.4	68595.50000	324.79	0	48.851473	-86.944502	56290.26	56234.9	15.13	56305.39	56304.43750	56308.47805	56304.69141	504071.3	5410946.4
L4070.0	504071.3	5410948.7	68595.60156	322.35	0	48.851493	-86.944503	56290.64	56234.9	15.13	56305.77	56304.82422	56320.00722	56316.21875	504071.3	5410948.7
L4070.0	504071.2	5410950.5	68595.70313	324.34	0	48.851509	-86.944503	56290.16	56234.9	15.13	56305.29	56304.35156	56311.29725	56307.50781	504071.2	5410950.5
L4070.0	504071.2	5410950.5	68595.79688	324.52	0	48.851509	-86.944503	56290.26	56234.9	15.12	56305.38	56304.44922	56315.79327	56312.00781	504071.2	5410950.5
L4070.0	504071.2	5410952.1	68595.89844	323.11	0	48.851524	-86.944504	56290.09	56234.9	15.12	56305.21	56304.28906	56314.40750	56310.62109	504071.2	5410952.1
L4070.0	504071.1	5410953.9	68596.00000	309.16	0	48.851540	-86.944504	56289.85	56234.9	15.12	56304.97	56304.05469	56311.64138	56307.85938	504071.1	5410953.9
L4070.0	504071.1	5410955.1	68596.10156	306.73	0	48.851551	-86.944505	56289.71	56234.9	15.12	56304.83	56303.92188	56311.11192	56307.33203	504071.1	5410955.1
L4070.0	504071.1	5410955.1	68596.20313	318.79	0	48.851551	-86.944505	56289.21	56234.9	15.12	56304.33	56303.42969	56303.53048	56299.75391	504071.1	5410955.1
L4070.0	504071.1	5410957.4	68596.29688	319.11	0	48.851571	-86.944505	56289.49	56234.9	15.11	56304.61	56303.71875	56311.38251	56307.60938	504071.1	5410957.4
L4070.0	504071.1	5410957.4	68596.39844	318.42	0	48.851571	-86.944505	56289.26	56234.9	15.11	56304.37	56303.48438	56309.14826	56305.37891	504071.1	5410957.4
L4070.0	504071.0	5410959.1	68596.50000	319.58	0	48.851587	-86.944506	56289.49	56234.9	15.11	56304.60	56303.72266	56315.52063	56311.75781	504071.0	5410959.1
L4070.0	504071.0	5410960.9	68596.60156	307.33	0	48.851603	-86.944507	56289.32	56234.9	15.11	56304.43	56303.56250	56314.60791	56310.84766	504071.0	5410960.9
L4070.0	504070.9	5410962.6	68596.70313	307.87	0	48.851618	-86.944507	56288.73	56234.9	15.11	56303.84	56302.98047	56304.05583	56300.30469	504070.9	5410962.6
L4070.0	504070.9	5410962.6	68596.79688	310.19	0	48.851618	-86.944507	56288.93	56234.9	15.10	56304.04	56303.18750	56312.90802	56309.16406	504070.9	5410962.6
L4070.0	504070.9	5410964.1	68596.89844	311.60	0	48.851632	-86.944507	56288.32	56234.9	15.10	56303.43	56302.58594	56300.78757	56297.05078	504070.9	5410964.1
L4070.0	504070.9	5410964.1	68597.00000	311.86	0	48.851632	-86.944507	56288.53	56234.9	15.10	56303.63	56302.79297	56309.51286	56305.78516	504070.9	5410964.1
L4070.0	504070.9	5410965.6	68597.00000	311.86	0	48.851646	-86.944507	56288.35	56234.9	15.10	56303.45	56302.62109	56308.61731	56304.89844	504070.9	5410965.6
L4070.0	504070.9	5410967.3	68597.20313	315.12	0	48.851661	-86.944507	56288.42	56234.9	15.10	56303.52	56302.69922	56313.97213	56310.26172	504070.9	5410967.3
L4070.0	504070.9	5410969.0	68597.29688	315.42	0	48.851676	-86.944508	56287.86	56234.9	15.10	56302.96	56302.14453	56303.90339	56300.20313	504070.9	5410969.0
L4070.0	504070.9	5410970.8	68597.39844	313.85	0	48.851692	-86.944508	56288.38	56234.9	15.10	56303.47	56302.66406	56320.02763	56316.33984	504070.9	5410970.8
L4070.0	504070.9	5410970.8	68597.50000	312.87	0	48.851692	-86.944508	56287.86	56234.9	15.10	56302.96	56302.16406	56311.39798	56307.72266	504070.9	5410970.8
L4070.0	504070.9	5410972.3	68597.60156	312.53	0	48.851705	-86.944508	56287.75	56234.9	15.10	56302.85	56302.05859	56312.53142	56308.86719	504070.9	5410972.3
L4070.0	504070.9	5410972.3	68597.70313	313.84	0	48.851705	-86.944508	56287.71	56234.9	15.10	56302.81	56302.02734	56315.38581	56311.73438	504070.9	5410972.3
L4070.0	504070.9	5410974.4	68597.79688	315.79	0	48.851725	-86.944508	56287.20	56234.9	15.10	56302.30	56301.52734	56307.11702	56303.48047	504070.9	5410974.4
L4070.0	504070.9	5410974.4	68597.89844	316.79	0	48.851725	-86.944508	56287.32	56234.9	15.10	56302.42	56301.65625	56313.87292	56310.25391	504070.9	5410974.4
L4070.0	504070.9	5410976.2	68598.00000	317.67	0	48.851740	-86.944508	56286.79	56234.9	15.10	56301.89	56301.13281	56305.34759	56301.74609	504070.9	5410976.2
L4070.0	504070.9	5410977.5	68598.10156	317.65	0	48.851753	-86.944508	56287.00	56234.9	15.10	56302.10	56301.35156	56314.26636	56310.67969	504070.9	5410977.5
L4070.0	504070.9	5410979.0	68598.20313	317.51	0	48.851766	-86.944508	56286.08	56234.9	15.10	56301.17	56300.42969	56296.64283	56293.07422	504070.9	5410979.0
L4070.0	504070.9	5410979.0	68598.29688	315.80	0	48.851766	-86.944508	56286.56	56234.9	15.09	56301.65	56300.91797	56311.87765	56308.32813	504070.9	5410979.0
L4070.0	504070.9	5410981.0	68598.39844	315.49	0	48.851784	-86.944508	56285.74	56234.9	15.09	56300.83	56300.10547	56297.09445	56293.56250	504070.9	5410981.0
L4070.0	504070.9	5410982.7	68598.50000	315.20	0	48.851799	-86.944507	56286.00	56234.9	15.09	56301.09	56300.37109	56307.25472	56303.74609	504070.9	5410982.7
L4070.0	504070.9	5410984.2	68598.60156	310.58	0	48.851813	-86.944507	56285.95	56234.9	15.09	56301.03	56300.32031	56310.08446	56306.59375	504070.9	5410984.2
L4070.0	504070.9	5410984.2	68598.70313	308.54	0	48.851813	-86.944507	56285.39	56234.9	15.09	56300.47	56299.76953	56301.58261	56298.11328	504070.9	5410984.2
L4070.0	504070.9	5410985.8	68598.79688	308.70	0	48.851827	-86.944507	56285.52	56234.9	15.08	56300.60	56299.90625	56308.84041	56305.39453	504070.9	5410985.8
L4070.0	504071.0	5410987.9	68598.89844	309.64	0	48.851846	-86.944506	56284.93	56234.9	15.08	56300.01	56299.32422	56299.82547	56296.40625	504071.0	5410987.9
L4070.0	504071.0	5410987.9	68599.00000	311.60	0	48.851846	-86.944506	56285.10	56234.9	15.08	56300.18	56299.50391	56308.08484	56304.68750	504071.0	5410987.9
L4070.0	504071.0	5410989.5	68599.00000	311.60	0	48.851861	-86.944506	56284.14	56234.9	15.08	56299.22	56298.55078	56290.81935	56287.44922	504071.0	5410989.5
L4070.0	504071.0	5410991.3	68599.20313	311.49	0	48.851877	-86.944505	56284.77	56234.9	15.08	56299.85	56299.19141	56309.64789	56306.30469	504071.0	5410991.3
L4070.0	504071.0	5410991.3	68599.29688	312.47	0	48.851877	-86.944505	56284.20	56234.9	15.08	56299.28	56298.62891	56301.30351	56297.98438	504071.0	5410991.3
L4070.0	504071.1	5410992.8	68599.39844	312.32	0	48.851890	-86.944505	56284.36	56234.9	15.08	56299.44	56298.79688	56309.72046	56306.42969	504071.1	5410992.8
L4070.0	504071.1	5410992.8	68599.50000	313.39	0	48.851890	-86.944505	56284.04	56234.9	15.08	56299.12	56298.48438	56307.21289	56303.95313	504071.1	5410992.8
L4070.0	504071.1	5410994.7	68599.60156	313.62	0	48.851908	-86.944504	56283.63	56234.9	15.08	56298.71	56298.08203	56302.60481	56299.37500	504071.1	5410994.7
L4070.0	504071.1	5410996.3	68599.70313	313.26	0	48.851921	-86.944504	56283.65	56234.9	15.08	56298.73	56298.10938	56308.25085	56305.05078	504071.1	5410996.3
L4070.0	504071.1	5410997.8	68599.79688	314.54	0	48.851935	-86.944504	56283.14	56234.9	15.08	56298.22	56297.60938	56301.22479	56298.05469	504071.1	5410997.8
L4070.0	504071.1	5410997.8	68599.89844	315.30	0	48.851935	-86.944504	56283.15	56234.9	15.08	56298.23	56297.62500	56306.98722	56303.85156	504071.1	5410997.8
L4070.0	504071.2	5410999.5	68600.00000	310.92	0	48.851950	-86.944504	56282.73	56234.9	15.08	56297.81	56297.21484	56302.09078	56298.98828	504071.2	5410999.5
L4070.0	504071.2	5411001.1	68600.10156	321.12	0	48.851965	-86.944504	56283.04	56234.9	15.08	56298.12	56297.53125	56316.19668	56313.12891	504071.2	5411001.1
L4070.0	504071.2	5411001.1	68600.20313	323.61	0	48.851965	-86.944504	56282.10	56234.9	15.07	56297.17	56296.58984	56297.18434	56294.15234	504071.2	5411001.1
L4070.0	504071.2	5411003.1	68600.29688	324.67	0	48.851983	-86.944504	56282.22	56234.9	15.07	56297.29	56296.71875	56306.10489	56303.10547	504071.2	5411003.1
L4070.0	504071.2	5411004.4	68600.39844	326.19	0	48.851994	-86.944504	56282.20	56234.9	15.07	56297.27	56296.70703	56310.11887	56307.15625	504071.2	5411004.4
L4070.0	504071.2	5411004.4	68600.50000	316.56	0	48.851994	-86.944504	56281.40	56234.9	15.07	56296.47	56295.91406	56299.87572	56296.95313	504071.2	5411004.4
L4070.0	504071.1	5411006.1	68600.60156	316.39	0	48.852010	-86.944504	56281.61	56234.9	15.06	56296.67	56296.12109	56308.24232	56305.35547	504071.1	5411006.1
L4070.0	504071.1	5411007.8	68600.70313	315.24	0	48.852025	-86.944504	56280.90	56234.9	15.06	56295.96	56295.42188	56299.31620	56296.46875	504071.1	5411007.8
L4070.0	504071.1	5411009.0	68600.79688	328.83	0	48.852036	-86.944504	56280.84	56234.9	15.06	56295.90	56295.36719	56303.00267	56300.19531	504071.1	5411009.0
L4070.0	504071.1	5411010.7	68600.89844	325.16	0	48.852051	-86.944504	56280.43	56234.9	15.05	56295.49	56294.96484	56299.79228	56297.02734	504071.1	5411010.7
L4070.0	504071.1	5411010.7	68601.00000	322.62	0	48.852051	-86.944504	56280.36	56234.9	15.05	56295.41	56294.89453	56303.36227	56300.63672	504071.1	5411010.7
L4070.0	504071.1	5411012.5	68601.00000	322.62	0	48.852067	-86.944504	56279.85	56234.9	15.05	56294.90	56294.39063	56298.05638	56295.37500	504071.1	5411012.5
L4070.0	504071.1	5411013.8	68601.20313	319.93	0	48.852079	-86.944504	56279.80	56234.9	15.05	56294.85	56294.35156	56302.51008	56299.87109	504071.1	5411013.8
L4070.0	504071.1	5411013.8	68601.29688	322.59	0	48.852079	-86.944504	56279.54	56234.9	15.05	56294.60	56294.10938	56302.81765	56300.22266	504071.1	5411013.8
L4070.0	504071.1	5411015.4	68601.39844	322.52	0	48.852094	-86.944504	56279.32	56234.9	15.05	56294.37	56293.88672	56303.64376	56301.09375	504071.1	5411015.4
L4070.0	504071.1	5411017.2	68601.50000	323.35	0	48.852109	-86.944504	56278.57	56234.9	15.06	56293.62	56293.14453	56292.92980	56290.42578	504071.1	5411017.2
L4070.0	504071.1	5411017.2	68601.60156	325.03	0	48.852109	-86.944504	56278.78	56234.9	15.06	56293.84	56293.37109	56303.97717	56301.51953	504071.1	5411017.2
L4070.0	504071.2	5411018.9	68601.70313	324.70	0	48.852125	-86.944503	56278.77	56234.9	15.06	56293.83	56293.36719	56310.06361	56307.65234	504071.2	5411018.9
L4070.0	504071.2	5411020.1	68601.79688	326.48	0	48.852136	-86.944503	56278.21	56234.9	15.06	56293.27	56292.81641	56303.67411	56301.30859	504071.2	5411020.1
L4070.0	504071.2	5411022.1	68601.89844	328.13	0	48.852153	-86.944503	56278.45	56234.9	15.06	56293.51	56293.06250	56315.74079	56313.42578	504071.2	5411022.1
L4070.0	504071.2	5411022.1	68602.00000	327.94	0	48.852153	-86.944503	56277.53	56234.9	15.06	56292.59	56292.15234	56301.08401	56298.81641	504071.2	5411022.1
L4070.0	504071.2	5411023.1	68602.10156	329.19	0	48.852162	-86.944503	56277.53	56234.9	15.06	56292.59	56292.16016	56307.77362	56305.55859	504071.2	5411023.1
L4070.0	504071.2	5411024.9	68602.20313	329.04	0	48.852179	-86.944502	56277.09	56234.9	15.06	56292.16	56291.73828	56304.55358	56302.38672	504071.2	5411024.9
L4070.0	504071.3	5411026.5	68602.29688	326.51	0	48.852193	-86.944502	56277.12	56234.9	15.06	56292.18	56291.76563	56311.82994	56309.71484	504071.3	5411026.5
L4070.0	504071.3	5411026.5	68602.39844	310.15	0	48.852193	-86.944502	56276.54	56234.9	15.06	56291.60	56291.19141	56305.26447	56303.19922	504071.3	5411026.5
L4070.0	504071.3	5411028.1	68602.50000	310.96	0	48.852208	-86.944502	56276.04	56234.9	15.06	56291.11	56290.71094	56300.88286	56298.87109	504071.3	5411028.1
L4070.0	504071.3	5411029.6	68602.60156	324.09	0	48.852221	-86.944502	56275.74	56234.9	15.07	56290.81	56290.41797	56300.95397	56298.99609	504071.3	5411029.6
L4070.0	504071.3	5411029.6	68602.70313	322.68	0	48.852221	-86.944502	56275.07	56234.9	15.07	56290.14	56289.75391	56292.72530	56290.82031	504071.3	5411029.6
L4070.0	504071.3	5411031.5	68602.79688	324.44	0	48.852238	-86.944502	56274.77	56234.9	15.07	56289.84	56289.46094	56293.00727	56291.15625	504071.3	5411031.5
L4070.0	504071.3	5411033.0	68602.89844	326.07	0	48.852251	-86.944502	56274.49	56234.9	15.07	56289.56	56289.18750	56293.79924	56292.00391	504071.3	5411033.0
L4070.0	504071.3	5411033.0	68603.00000	327.10	0	48.852251	-86.944502	56274.21	56234.9	15.07	56289.28	56288.91406	56294.64131	56292.89844	504071.3	5411033.0
L4070.0	504071.3	5411035.1	68603.00000	327.10	0	48.852271	-86.944501	56273.93	56234.9	15.07	56289.00	56288.64453	56295.52493	56293.83984	504071.3	5411035.1
L4070.0	504071.3	5411036.5	68603.20313	325.78	0	48.852283	-86.944501	56273.73	56234.9	15.06	56288.79	56288.44141	56297.91670	56296.28516	504071.3	5411036.5
L4070.0	504071.3	5411036.5	68603.29688	324.55	0	48.852283	-86.944501	56273.11	56234.9	15.06	56288.17	56287.82813	56291.79495	56290.22266	504071.3	5411036.5
L4070.0	504071.3	5411038.3	68603.39844	321.27	0	48.852300	-86.944501	56272.78	56234.9	15.06	56287.84	56287.50391	56291.84819	56290.33203	504071.3	5411038.3
L4070.0	504071.3	5411039.6	68603.50000	320.23	0	48.852311	-86.944501	56272.47	56234.9	15.06	56287.52	56287.19141	56292.15427	56290.69531	504071.3	5411039.6
L4070.0	504071.3	5411041.4	68603.60156	316.78	0	48.852328	-86.944501	56272.52	56234.9	15.05	56287.58	56287.25781	56299.84123	56298.44141	504071.3	5411041.4
L4070.0	504071.3	5411041.4	68603.70313	318.05	0	48.852328	-86.944501	56272.15	56235	15.05	56287.20	56286.88672	56298.90378	56297.56250	504071.3	5411041.4
L4070.0	504071.3	5411043.4	68603.79688	318.99	0	48.852345	-86.944501	56271.68	56235	15.05	56286.73	56286.42188	56296.40098	56295.11719	504071.3	5411043.4
L4070.0	504071.3	5411044.9	68603.89844	319.14	0	48.852359	-86.944501	56271.56	56235	15.04	56286.60	56286.29688	56300.13774	56298.91016	504071.3	5411044.9

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4070.0	504071.3	5411046.4	68604.00000	319.45	0	48.852372	-86.944501	56270.58	56235	15.04	56285.62	56285.32422	56285.83982	56284.67578	504071.3	5411046.4
L4070.0	504071.3	5411048.0	68604.10156	321.37	0	48.852386	-86.944501	56270.59	56235	15.04	56285.62	56285.33203	56295.59721	56294.49219	504071.3	5411048.0
L4070.0	504071.3	5411048.0	68604.20313	323.42	0	48.852386	-86.944501	56269.99	56235	15.04	56285.03	56284.75000	56289.78350	56288.73828	504071.3	5411048.0
L4070.0	504071.3	5411050.0	68604.29688	324.02	0	48.852404	-86.944501	56269.82	56235	15.03	56284.86	56284.58594	56294.84193	56293.85547	504071.3	5411050.0
L4070.0	504071.3	5411050.0	68604.39844	324.28	0	48.852404	-86.944501	56269.16	56235	15.03	56284.19	56283.92188	56287.58418	56286.66016	504071.3	5411050.0
L4070.0	504071.4	5411052.3	68604.50000	325.14	0	48.852425	-86.944500	56268.98	56235	15.03	56284.01	56283.74609	56292.36216	56291.50000	504071.4	5411052.3
L4070.0	504071.4	5411054.1	68604.60156	312.40	0	48.852441	-86.944500	56268.24	56235	15.03	56283.27	56283.01563	56284.09703	56283.29297	504071.4	5411054.1
L4070.0	504071.4	5411054.1	68604.70313	311.27	0	48.852441	-86.944500	56268.06	56235	15.03	56283.08	56282.83203	56288.65050	56287.91016	504071.4	5411054.1
L4070.0	504071.4	5411055.6	68604.79688	311.41	0	48.852455	-86.944500	56267.39	56235	15.02	56282.42	56282.17578	56282.79948	56282.12109	504071.4	5411055.6
L4070.0	504071.3	5411057.4	68604.89844	309.36	0	48.852471	-86.944500	56267.25	56235	15.02	56282.27	56282.03516	56288.16849	56287.55078	504071.3	5411057.4
L4070.0	504071.4	5411059.1	68605.00000	308.13	0	48.852487	-86.944500	56266.63	56235	15.02	56281.65	56281.41797	56283.59418	56283.03906	504071.4	5411059.1
L4070.0	504071.4	5411060.6	68605.00000	308.13	0	48.852500	-86.944500	56266.20	56235	15.02	56281.21	56280.98438	56282.96495	56282.47266	504071.4	5411060.6
L4070.0	504071.4	5411060.6	68605.20313	311.93	0	48.852500	-86.944500	56265.91	56235	15.02	56280.94	56280.72266	56285.88153	56285.44922	504071.4	5411060.6
L4070.0	504071.4	5411062.4	68605.29688	312.91	0	48.852516	-86.944500	56265.33	56235	15.03	56280.36	56280.14844	56282.63045	56282.26172	504071.4	5411062.4
L4070.0	504071.4	5411062.4	68605.39844	313.58	0	48.852516	-86.944500	56265.10	56235	15.03	56280.13	56279.92188	56286.56171	56286.25391	504071.4	5411062.4
L4070.0	504071.4	5411064.2	68605.50000	314.47	0	48.852532	-86.944500	56264.36	56235	15.03	56279.39	56279.19141	56280.29438	56280.05078	504071.4	5411064.2
L4070.0	504071.4	5411065.6	68605.60156	315.50	0	48.852545	-86.944500	56264.21	56235	15.03	56279.24	56279.04688	56286.22741	56286.04688	504071.4	5411065.6
L4070.0	504071.4	5411067.4	68605.70313	314.41	0	48.852561	-86.944500	56263.41	56235	15.03	56278.45	56278.26172	56278.92602	56278.80859	504071.4	5411067.4
L4070.0	504071.4	5411067.4	68605.79688	313.54	0	48.852561	-86.944500	56263.16	56235	15.04	56278.20	56278.01563	56283.23066	56283.17578	504071.4	5411067.4
L4070.0	504071.4	5411068.9	68605.89844	311.49	0	48.852575	-86.944500	56262.75	56235	15.04	56277.79	56277.61328	56284.32938	56284.33594	504071.4	5411068.9
L4070.0	504071.4	5411070.6	68606.00000	309.39	0	48.852590	-86.944500	56261.94	56235	15.04	56276.98	56276.80859	56276.14335	56276.21484	504071.4	5411070.6
L4070.0	504071.4	5411070.6	68606.10156	308.30	0	48.852590	-86.944500	56261.98	56235	15.04	56277.01	56276.84375	56288.24590	56288.38281	504071.4	5411070.6
L4070.0	504071.4	5411071.8	68606.20313	310.13	0	48.852601	-86.944500	56260.94	56235	15.04	56275.98	56275.82031	56274.13459	56274.33203	504071.4	5411071.8
L4070.0	504071.4	5411073.6	68606.29688	312.24	0	48.852617	-86.944500	56260.86	56235	15.03	56275.89	56275.73438	56284.25913	56284.51953	504071.4	5411073.6
L4070.0	504071.4	5411073.6	68606.39844	312.87	0	48.852617	-86.944500	56260.40	56235	15.03	56275.43	56275.28125	56283.50501	56283.82813	504071.4	5411073.6
L4070.0	504071.4	5411075.7	68606.50000	314.72	0	48.852635	-86.944500	56259.59	56235	15.03	56274.62	56274.47656	56277.39647	56277.78516	504071.4	5411075.7
L4070.0	504071.4	5411077.6	68606.60156	315.64	0	48.852653	-86.944500	56259.22	56235	15.03	56274.25	56274.10938	56279.38340	56279.83594	504071.4	5411077.6
L4070.0	504071.4	5411079.2	68606.70313	327.45	0	48.852668	-86.944500	56258.70	56235	15.03	56273.72	56273.58594	56278.42702	56278.94141	504071.4	5411079.2
L4070.0	504071.4	5411079.2	68606.79688	328.35	0	48.852668	-86.944500	56258.03	56235	15.02	56273.05	56272.92188	56274.64343	56275.21875	504071.4	5411079.2
L4070.0	504071.4	5411081.2	68606.89844	329.77	0	48.852686	-86.944500	56257.88	56235	15.02	56272.90	56272.77734	56281.64714	56282.28516	504071.4	5411081.2
L4070.0	504071.4	5411083.1	68607.00000	329.61	0	48.852702	-86.944500	56256.86	56235	15.02	56271.88	56271.76172	56270.39269	56271.09375	504071.4	5411083.1
L4070.0	504071.4	5411083.1	68607.00000	329.61	0	48.852702	-86.944500	56256.75	56235	15.02	56271.77	56271.65625	56278.71433	56279.48047	504071.4	5411083.1
L4070.0	504071.4	5411084.6	68607.20313	329.62	0	48.852716	-86.944500	56255.96	56235	15.02	56270.98	56270.87109	56272.22126	56273.05078	504071.4	5411084.6
L4070.0	504071.4	5411086.3	68607.29688	327.71	0	48.852732	-86.944500	56255.42	56235	15.02	56270.44	56270.33594	56271.28349	56272.17188	504071.4	5411086.3
L4070.0	504071.4	5411086.3	68607.39844	325.48	0	48.852732	-86.944500	56255.14	56235	15.02	56270.16	56270.06250	56276.41836	56277.37109	504071.4	5411086.3
L4070.0	504071.4	5411087.8	68607.50000	323.39	0	48.852744	-86.944500	56254.56	56235	15.01	56269.57	56269.47656	56274.50949	56275.52344	504071.4	5411087.8
L4070.0	504071.3	5411089.7	68607.60156	323.24	0	48.852762	-86.944500	56253.72	56235	15.01	56268.73	56268.64063	56266.75365	56267.83203	504071.3	5411089.7
L4070.0	504071.3	5411089.7	68607.70313	322.71	0	48.852762	-86.944500	56253.46	56235	15.01	56268.47	56268.38672	56272.70259	56273.84375	504071.3	5411089.7
L4070.0	504071.3	5411091.5	68607.79688	324.92	0	48.852778	-86.944500	56252.84	56235	15.01	56267.86	56267.78125	56270.46867	56271.66797	504071.3	5411091.5
L4070.0	504071.3	5411093.0	68607.89844	325.42	0	48.852791	-86.944500	56252.29	56235	15.01	56267.30	56267.22656	56269.48335	56270.74609	504071.3	5411093.0
L4070.0	504071.3	5411094.5	68608.00000	325.43	0	48.852805	-86.944500	56251.80	56235	15.01	56266.81	56266.73828	56270.21605	56271.53906	504071.3	5411094.5
L4070.0	504071.3	5411094.5	68608.10156	326.61	0	48.852805	-86.944500	56251.27	56235	15.01	56266.28	56266.21484	56270.06690	56271.45313	504071.3	5411094.5
L4070.0	504071.3	5411095.9	68608.20313	323.38	0	48.852818	-86.944501	56250.42	56235	15.01	56265.43	56265.36719	56262.51650	56263.96484	504071.3	5411095.9
L4070.0	504071.3	5411097.7	68608.29688	322.19	0	48.852834	-86.944501	56249.97	56235	15.01	56264.98	56264.92188	56264.38435	56265.89453	504071.3	5411097.7
L4070.0	504071.3	5411097.7	68608.39844	319.97	0	48.852834	-86.944501	56249.58	56235	15.01	56264.59	56264.53516	56267.68089	56269.25000	504071.3	5411097.7
L4070.0	504071.3	5411099.5	68608.50000	308.60	0	48.852850	-86.944501	56248.92	56235	15.01	56263.93	56263.88281	56264.79434	56266.42578	504071.3	5411099.5
L4070.0	504071.3	5411099.5	68608.60156	309.11	0	48.852850	-86.944501	56248.16	56235	15.01	56263.17	56263.12500	56259.67767	56261.37109	504071.3	5411099.5
L4070.0	504071.3	5411102.6	68608.70313	319.81	0	48.852878	-86.944501	56247.75	56235	15.01	56262.76	56262.71875	56262.67584	56264.42969	504071.3	5411102.6
L4070.0	504071.3	5411102.6	68608.79688	322.39	0	48.852878	-86.944501	56247.33	56235	15.01	56262.34	56262.30469	56265.50060	56267.31250	504071.3	5411102.6
L4070.0	504071.2	5411104.4	68608.89844	323.74	0	48.852894	-86.944501	56246.73	56235	15.01	56261.74	56261.70703	56264.24038	56266.11328	504071.2	5411104.4
L4070.0	504071.2	5411106.4	68609.00000	322.72	0	48.852912	-86.944502	56245.97	56235	15.01	56260.98	56260.95313	56259.34012	56261.27344	504071.2	5411106.4
L4070.0	504071.2	5411106.4	68609.00000	322.72	0	48.852912	-86.944502	56245.78	56235	15.01	56260.79	56260.76563	56267.65116	56269.64453	504071.2	5411106.4
L4070.0	504071.2	5411108.5	68609.20313	324.74	0	48.852931	-86.944502	56244.94	56235	15.01	56259.95	56259.92969	56260.99313	56263.04688	504071.2	5411108.5
L4070.0	504071.1	5411109.6	68609.29688	327.67	0	48.852941	-86.944503	56244.71	56235	15.01	56259.72	56259.70313	56268.50095	56270.61719	504071.1	5411109.6
L4070.0	504071.1	5411109.6	68609.39844	327.73	0	48.852941	-86.944503	56243.81	56235	15.01	56258.83	56258.81641	56260.76051	56262.93359	504071.1	5411109.6
L4070.0	504071.1	5411112.0	68609.50000	326.10	0	48.852962	-86.944503	56243.36	56235	15.01	56258.37	56258.35938	56263.02912	56265.26172	504071.1	5411112.0
L4070.0	504071.1	5411112.0	68609.60156	324.89	0	48.852962	-86.944503	56242.56	56235	15.02	56257.58	56257.57422	56257.68245	56259.97656	504071.1	5411112.0
L4070.0	504071.1	5411113.9	68609.70313	324.40	0	48.852980	-86.944504	56241.98	56235	15.02	56256.99	56256.98828	56257.01381	56259.36719	504071.1	5411113.9
L4070.0	504071.0	5411115.7	68609.79688	327.47	0	48.852996	-86.944504	56241.34	56235	15.02	56256.35	56256.35156	56255.22497	56257.63672	504071.0	5411115.7
L4070.0	504071.0	5411117.2	68609.89844	328.65	0	48.853009	-86.944505	56240.57	56235	15.02	56255.59	56255.59375	56250.70758	56253.17969	504071.0	5411117.2
L4070.0	504071.0	5411117.2	68610.00000	327.63	0	48.853009	-86.944505	56239.98	56235	15.02	56255.00	56255.00781	56250.15701	56252.68750	504071.0	5411117.2
L4070.0	504071.0	5411119.3	68610.10156	326.99	0	48.853028	-86.944505	56239.63	56235	15.02	56254.65	56254.66406	56255.13363	56257.72266	504071.0	5411119.3
L4070.0	504070.9	5411121.0	68610.20313	326.09	0	48.853043	-86.944506	56238.92	56235	15.02	56253.94	56253.95703	56251.88322	56254.53125	504070.9	5411121.0
L4070.0	504070.9	5411121.0	68610.29688	323.99	0	48.853043	-86.944506	56238.14	56235	15.02	56253.17	56253.19141	56247.32641	56250.03125	504070.9	5411121.0
L4070.0	504070.9	5411122.4	68610.39844	321.60	0	48.853056	-86.944506	56237.84	56235	15.02	56252.86	56252.88281	56253.19682	56255.96094	504070.9	5411122.4
L4070.0	504070.9	5411124.4	68610.50000	322.67	0	48.853074	-86.944507	56237.03	56235	15.02	56252.05	56252.07813	56247.82307	56250.64844	504070.9	5411124.4
L4070.0	504070.9	5411124.4	68610.60156	322.61	0	48.853074	-86.944507	56236.39	56235	15.03	56251.42	56251.44922	56246.52939	56249.41406	504070.9	5411124.4
L4070.0	504070.8	5411126.5	68610.70313	322.15	0	48.853093	-86.944507	56235.67	56235	15.03	56250.69	56250.72266	56243.06292	56246.00391	504070.8	5411126.5
L4070.0	504070.8	5411126.5	68610.79688	321.57	0	48.853093	-86.944507	56234.99	56235	15.03	56250.02	56250.05469	56240.96660	56243.96484	504070.8	5411126.5
L4070.0	504070.8	5411128.1	68610.89844	321.54	0	48.853107	-86.944507	56234.73	56235	15.03	56249.76	56249.80078	56247.76361	56250.82031	504070.8	5411128.1
L4070.0	504070.8	5411130.0	68611.00000	323.98	0	48.853124	-86.944508	56233.60	56235	15.03	56248.63	56248.67188	56235.81091	56238.92578	504070.8	5411130.0
L4070.0	504070.8	5411130.0	68611.00000	323.98	0	48.853124	-86.944508	56233.48	56235	15.03	56248.51	56248.55469	56245.48427	56248.66016	504070.8	5411130.0
L4070.0	504070.8	5411131.5	68611.20313	321.12	0	48.853137	-86.944508	56232.57	56235	15.03	56247.60	56247.64844	56238.36722	56241.60156	504070.8	5411131.5
L4070.0	504070.7	5411133.4	68611.29688	322.92	0	48.853155	-86.944508	56232.28	56235	15.04	56247.31	56247.36328	56244.27578	56247.57031	504070.7	5411133.4
L4070.0	504070.7	5411135.4	68611.39844	323.17	0	48.853173	-86.944508	56231.44	56235	15.04	56246.48	56246.53516	56238.90700	56242.25781	504070.7	5411135.4
L4070.0	504070.7	5411135.4	68611.50000	320.96	0	48.853173	-86.944508	56231.18	56235	15.04	56246.22	56246.27734	56245.29037	56248.69922	504070.7	5411135.4
L4070.0	504070.7	5411136.5	68611.60156	321.82	0	48.853182	-86.944508	56230.08	56235	15.04	56245.12	56245.17969	56234.45379	56237.92578	504070.7	5411136.5
L4070.0	504070.7	5411138.4	68611.70313	319.93	0	48.853199	-86.944509	56229.62	56235	15.04	56244.67	56244.73438	56236.88565	56240.41406	504070.7	5411138.4
L4070.0	504070.7	5411138.4	68611.79688	320.73	0	48.853199	-86.944509	56229.10	56235	15.05	56244.14	56244.20703	56237.64915	56241.23828	504070.7	5411138.4
L4070.0	504070.7	5411139.8	68611.89844	322.78	0	48.853212	-86.944509	56228.71	56235	15.05	56243.76	56243.82813	56241.36795	56245.01563	504070.7	5411139.8
L4070.0	504070.6	5411141.2	68612.00000	318.43	0	48.853225	-86.944509	56227.70	56234.9	15.05	56242.75	56242.82031	56232.50224	56236.20703	504070.6	5411141.2
L4070.0	504070.6	5411142.7	68612.10156	321.27	0	48.853239	-86.944510	56227.48	56235	15.05	56242.53	56242.60547	56239.30047	56243.06641	504070.6	5411142.7
L4070.0	504070.6	5411142.7	68612.20313	318.99	0	48.853239	-86.944510	56226.25	56235	15.05	56241.30	56241.37891	56226.12822	56229.95703	504070.6	5411142.7
L4070.0	504070.6	5411145.0	68612.29688	317.59	0	48.853259	-86.944510	56226.36	56235	15.04	56241.40	56241.48047	56239.08634	56242.97266	504070.6	5411145.0
L4070.0	504070.6	5411146.2	68612.39844	318.70	0	48.853270	-86.944510	56225.32	56235	15.04	56240.36	56240.44141	56229.63228	56233.57813	504070.6	5411146.2
L4070.0	504070.5	5411147.7	68612.50000	319.52	0	48.853283	-86.944511	56225.19	56235	15.04	56240.23	56240.31641	56237.93761	56241.94531	504070.5	5411147.7
L4070.0	504070.5	5411147.7	68612.60156	320.77	0	48.853283	-86.944511	56224.04	56235	15.04	56239.07	56239.16016	56226.09057	56230.16016	504070.5	5411147.7
L4070.0	504070.5	5411149.4	68612.70313	321.04	0	48.853299	-86.944511	56223.76	56235	15.04	56238.80	56238.89063	56231.56307	56235.69531	504070.5	5411149.4
L4070.0	504070.5	5411151.6	68612.79688	321.20	0	48.853319	-86.944511	56222.68	56235	15.03	56237.72	56237.81250	56221.21282	56225.40625	504070.5	5411151.6
L4070.0	504070.5	5411151.6	68612.89844	318.41	0	48.853319	-86.944511	56222.09	56235	15.03	56237.12	56237.21484	56220.17370	56224.42969	504070.5	5411151.6
L4070.0	504070.5	5411152.7	68613.00000	317.74	0	48.853329	-86.944511	56221.97	56235	15.03	56237.00	56237.09766	56228.41548	56232.73438	504070.5	5411152.7
L4070.0	504070.5	5411154.4	68613.00000	317.74	0	48.853343	-86.944511	56221.02	56235	15.03	56236.05	56236.15234	56220.49776	56224.87891	504070.5	5411154.4
L4070.0	504070.5	5411154.4	68613.20313	319.79	0	48.853343	-86.944511	56220.94	56235	15.03	56235.97	56236.07422	56229.38817	56233.83203	504070.5	5411154.4

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4070.0	504070.5	5411155.6	68613.29688	323.37	0	48.853355	-86.944511	56219.94	56235	15.03	56234.97	56235.07813	56220.45962	56224.96875	504070.5	5411155.6
L4070.0	504070.5	5411157.1	68613.39844	325.34	0	48.853368	-86.944511	56219.79	56235	15.03	56234.82	56234.92969	56227.84822	56232.42188	504070.5	5411157.1
L4070.0	504070.5	5411158.6	68613.50000	324.52	0	48.853382	-86.944511	56218.86	56235	15.03	56233.89	56234.00000	56220.25781	56224.89453	504070.5	5411158.6
L4070.0	504070.5	5411158.6	68613.60156	311.32	0	48.853382	-86.944511	56218.49	56235	15.03	56233.52	56233.63281	56223.30497	56228.00781	504070.5	5411158.6
L4070.0	504070.5	5411160.4	68613.70313	311.35	0	48.853398	-86.944511	56217.77	56235	15.03	56232.80	56232.91797	56219.70902	56224.47656	504070.5	5411160.4
L4070.0	504070.5	5411162.2	68613.79688	322.28	0	48.853414	-86.944511	56217.45	56235	15.03	56232.48	56232.59766	56223.53546	56228.37109	504070.5	5411162.2
L4070.0	504070.5	5411162.2	68613.89844	323.38	0	48.853414	-86.944511	56216.63	56235	15.03	56231.66	56231.78125	56218.10791	56223.00781	504070.5	5411162.2
L4070.0	504070.5	5411163.9	68614.00000	323.11	0	48.853429	-86.944510	56216.43	56235	15.03	56231.46	56231.58203	56223.90619	56228.87500	504070.5	5411163.9
L4070.0	504070.5	5411163.9	68614.10156	323.58	0	48.853429	-86.944510	56215.31	56235	15.03	56230.34	56230.46484	56213.26135	56218.29688	504070.5	5411163.9
L4070.0	504070.6	5411167.0	68614.20313	321.42	0	48.853457	-86.944510	56215.06	56235	15.03	56230.10	56230.22656	56218.00125	56223.10547	504070.6	5411167.0
L4070.0	504070.6	5411168.5	68614.29688	321.06	0	48.853471	-86.944510	56214.52	56235	15.04	56229.56	56229.69141	56217.58556	56222.76172	504070.6	5411168.5
L4070.0	504070.6	5411168.5	68614.39844	323.91	0	48.853471	-86.944510	56214.01	56235	15.04	56229.05	56229.18359	56217.88382	56223.12891	504070.6	5411168.5
L4070.0	504070.6	5411170.6	68614.50000	314.01	0	48.853490	-86.944510	56213.72	56235	15.04	56228.76	56228.89453	56223.61465	56228.92969	504070.6	5411170.6
L4070.0	504070.6	5411170.6	68614.60156	312.44	0	48.853490	-86.944510	56213.02	56235	15.04	56228.06	56228.19531	56218.93562	56224.32031	504070.6	5411170.6
L4070.0	504070.6	5411172.3	68614.70313	313.63	0	48.853505	-86.944509	56212.65	56235	15.04	56227.69	56227.82813	56222.27501	56227.73047	504070.6	5411172.3
L4070.0	504070.6	5411173.8	68614.79688	312.11	0	48.853519	-86.944509	56212.31	56235	15.05	56227.35	56227.49219	56226.03895	56231.56641	504070.6	5411173.8
L4070.0	504070.6	5411173.8	68614.89844	313.39	0	48.853519	-86.944509	56211.45	56235	15.05	56226.50	56226.64063	56218.02010	56223.62109	504070.6	5411173.8
L4070.0	504070.6	5411175.3	68615.00000	311.97	0	48.853532	-86.944509	56211.36	56234.9	15.05	56226.41	56226.55469	56226.97947	56232.65234	504070.6	5411175.3
L4070.0	504070.6	5411177.2	68615.00000	311.97	0	48.853549	-86.944510	56210.43	56234.9	15.05	56225.48	56225.62500	56217.49117	56223.23828	504070.6	5411177.2
L4070.0	504070.6	5411177.2	68615.20313	310.67	0	48.853549	-86.944510	56209.98	56234.9	15.05	56225.03	56225.17969	56218.34965	56224.17188	504070.6	5411177.2
L4070.0	504070.6	5411179.1	68615.29688	310.25	0	48.853566	-86.944510	56209.76	56234.9	15.05	56224.82	56224.96875	56223.90150	56229.79688	504070.6	5411179.1
L4070.0	504070.6	5411180.9	68615.39844	310.85	0	48.853582	-86.944510	56209.08	56234.9	15.05	56224.13	56224.28125	56219.65899	56225.62891	504070.6	5411180.9
L4070.0	504070.6	5411180.9	68615.50000	310.88	0	48.853582	-86.944510	56208.39	56234.9	15.06	56223.45	56223.60156	56215.71470	56221.76172	504070.6	5411180.9
L4070.0	504070.5	5411182.5	68615.60156	310.91	0	48.853596	-86.944510	56208.02	56234.9	15.06	56223.07	56223.22656	56217.48486	56223.60938	504070.5	5411182.5
L4070.0	504070.5	5411184.3	68615.70313	310.70	0	48.853613	-86.944510	56207.24	56234.9	15.06	56222.29	56222.44531	56211.71026	56217.91016	504070.5	5411184.3
L4070.0	504070.5	5411185.9	68615.79688	310.18	0	48.853627	-86.944511	56206.52	56234.9	15.06	56221.57	56221.72656	56207.11712	56213.39453	504070.5	5411185.9
L4070.0	504070.5	5411185.9	68615.89844	309.25	0	48.853627	-86.944511	56206.40	56234.9	15.06	56221.46	56221.62109	56213.49514	56219.84766	504070.5	5411185.9
L4070.0	504070.5	5411187.6	68616.00000	309.01	0	48.853643	-86.944511	56205.51	56234.9	15.06	56220.57	56220.73047	56205.75059	56212.18359	504070.5	5411187.6
L4070.0	504070.5	5411189.7	68616.10156	311.45	0	48.853661	-86.944511	56205.12	56234.9	15.06	56220.18	56220.34375	56206.85010	56213.36328	504070.5	5411189.7
L4070.0	504070.5	5411191.1	68616.20313	311.14	0	48.853674	-86.944511	56204.70	56234.9	15.06	56219.76	56219.92188	56207.29287	56213.88281	504070.5	5411191.1
L4070.0	504070.5	5411191.1	68616.29688	311.26	0	48.853674	-86.944511	56204.34	56234.9	15.06	56219.40	56219.56641	56208.69395	56215.36328	504070.5	5411191.1
L4070.0	504070.5	5411192.9	68616.39844	311.80	0	48.853690	-86.944510	56204.13	56234.9	15.06	56219.18	56219.34766	56212.55006	56219.30078	504070.5	5411192.9
L4070.0	504070.5	5411192.9	68616.50000	310.02	0	48.853690	-86.944510	56203.52	56234.9	15.06	56218.58	56218.74609	56209.47534	56216.30469	504070.5	5411192.9
L4070.0	504070.6	5411195.1	68616.60156	308.39	0	48.853710	-86.944510	56203.31	56234.9	15.06	56218.37	56218.53906	56213.52945	56220.44141	504070.6	5411195.1
L4070.0	504070.6	5411196.7	68616.70313	310.15	0	48.853724	-86.944509	56202.63	56234.9	15.06	56217.68	56217.84766	56208.54502	56215.53906	504070.6	5411196.7
L4070.0	504070.6	5411196.7	68616.79688	309.47	0	48.853724	-86.944509	56202.47	56234.9	15.06	56217.53	56217.69922	56213.87313	56220.94531	504070.6	5411196.7
L4070.0	504070.6	5411198.2	68616.89844	308.81	0	48.853738	-86.944509	56201.84	56234.9	15.06	56216.90	56217.07031	56209.82497	56216.98047	504070.6	5411198.2
L4070.0	504070.7	5411199.7	68617.00000	308.42	0	48.853751	-86.944508	56201.44	56234.9	15.06	56216.50	56216.67188	56210.29873	56217.53516	504070.7	5411199.7
L4070.0	504070.7	5411201.4	68617.00000	308.42	0	48.853767	-86.944507	56200.97	56234.9	15.06	56216.03	56216.20313	56209.32773	56216.64844	504070.7	5411201.4
L4070.0	504070.7	5411201.4	68617.20313	312.04	0	48.853767	-86.944507	56200.56	56234.9	15.06	56215.62	56215.79297	56209.61956	56217.02344	504070.7	5411201.4
L4070.0	504070.8	5411203.1	68617.29688	312.72	0	48.853782	-86.944507	56200.02	56234.9	15.07	56215.09	56215.26172	56207.29859	56214.78516	504070.8	5411203.1
L4070.0	504070.8	5411204.7	68617.39844	313.95	0	48.853796	-86.944506	56199.38	56234.9	15.07	56214.44	56214.61328	56202.19926	56209.76953	504070.8	5411204.7
L4070.0	504070.9	5411206.2	68617.50000	314.89	0	48.853809	-86.944506	56199.11	56234.9	15.07	56214.18	56214.35156	56205.92216	56213.57422	504070.9	5411206.2
L4070.0	504070.9	5411207.7	68617.60156	316.81	0	48.853823	-86.944505	56198.72	56234.9	15.07	56213.79	56213.96094	56206.79674	56214.53516	504070.9	5411207.7
L4070.0	504070.9	5411207.7	68617.70313	319.56	0	48.853823	-86.944505	56198.18	56234.9	15.07	56213.25	56213.42188	56204.19260	56212.01172	504070.9	5411207.7
L4070.0	504070.9	5411207.7	68617.79688	320.49	0	48.853823	-86.944505	56197.77	56234.9	15.08	56212.85	56213.02344	56204.96569	56212.87109	504070.9	5411207.7
L4070.0	504070.9	5411210.2	68617.89844	320.14	0	48.853846	-86.944504	56197.24	56234.9	15.08	56212.32	56212.49219	56202.67437	56210.66016	504070.9	5411210.2
L4070.0	504071.0	5411211.5	68618.00000	318.60	0	48.853858	-86.944504	56196.78	56234.9	15.08	56211.86	56212.03125	56202.15607	56210.22656	504071.0	5411211.5
L4070.0	504071.0	5411213.7	68618.10156	317.11	0	48.853877	-86.944504	56196.40	56234.9	15.08	56211.48	56211.64844	56203.70387	56211.85938	504071.0	5411213.7
L4070.0	504071.0	5411213.7	68618.20313	316.11	0	48.853877	-86.944504	56195.73	56234.9	15.08	56210.81	56210.98047	56198.23367	56206.47266	504071.0	5411213.7
L4070.0	504071.0	5411215.3	68618.29688	316.89	0	48.853892	-86.944503	56195.31	56234.9	15.08	56210.39	56210.55859	56199.03900	56207.36328	504071.0	5411215.3
L4070.0	504071.0	5411216.5	68618.39844	316.61	0	48.853903	-86.944503	56194.86	56234.9	15.08	56209.95	56210.11719	56199.48373	56207.89063	504071.0	5411216.5
L4070.0	504071.1	5411218.6	68618.50000	316.11	0	48.853921	-86.944503	56194.43	56234.9	15.08	56209.52	56209.68750	56200.29551	56208.78516	504071.1	5411218.6
L4070.0	504071.1	5411220.4	68618.60156	315.38	0	48.853937	-86.944503	56194.20	56234.9	15.09	56209.29	56209.45313	56205.94981	56214.52344	504071.1	5411220.4
L4070.0	504071.1	5411220.4	68618.70313	316.44	0	48.853937	-86.944503	56193.30	56234.9	15.09	56208.39	56208.55469	56195.96543	56204.62500	504071.1	5411220.4
L4070.0	504071.1	5411222.2	68618.79688	314.05	0	48.853954	-86.944502	56193.01	56234.9	15.09	56208.10	56208.26172	56200.38003	56209.12109	504071.1	5411222.2
L4070.0	504071.1	5411223.7	68618.89844	313.92	0	48.853967	-86.944502	56192.59	56234.9	15.09	56207.68	56207.83984	56201.83474	56210.65625	504071.1	5411223.7
L4070.0	504071.1	5411223.7	68619.00000	311.26	0	48.853967	-86.944502	56191.98	56234.9	15.09	56207.07	56207.22656	56199.22604	56208.12891	504071.1	5411223.7
L4070.0	504071.1	5411225.8	68619.00000	311.26	0	48.853986	-86.944502	56191.47	56234.9	15.09	56206.56	56206.71484	56198.96312	56207.94922	504071.1	5411225.8
L4070.0	504071.1	5411225.8	68619.20313	307.65	0	48.853986	-86.944502	56190.84	56234.9	15.09	56205.93	56206.08203	56196.35715	56205.42578	504071.1	5411225.8
L4070.0	504071.1	5411228.8	68619.29688	306.52	0	48.854013	-86.944502	56190.81	56234.9	15.10	56205.91	56206.05859	56206.14917	56215.29688	504071.1	5411228.8
L4070.0	504071.1	5411228.8	68619.39844	307.89	0	48.854013	-86.944502	56189.73	56234.9	15.10	56204.83	56204.97656	56194.88737	56204.11719	504071.1	5411228.8
L4070.0	504071.1	5411230.3	68619.50000	309.17	0	48.854027	-86.944502	56189.41	56234.9	15.10	56204.51	56204.65234	56198.71809	56208.02734	504071.1	5411230.3
L4070.0	504071.1	5411232.1	68619.60156	310.18	0	48.854043	-86.944502	56188.92	56234.9	15.10	56204.02	56204.16016	56199.29605	56208.68750	504071.1	5411232.1
L4070.0	504071.1	5411232.1	68619.70313	310.43	0	48.854043	-86.944502	56188.23	56234.9	15.10	56203.34	56203.47656	56196.39781	56205.86719	504071.1	5411232.1
L4070.0	504071.1	5411233.9	68619.79688	308.87	0	48.854059	-86.944502	56187.79	56234.9	15.11	56202.89	56203.02344	56197.90370	56207.44922	504071.1	5411233.9
L4070.0	504071.1	5411235.3	68619.89844	309.15	0	48.854072	-86.944502	56187.39	56234.9	15.11	56202.50	56202.62891	56200.60300	56210.22656	504071.1	5411235.3
L4070.0	504071.1	5411235.3	68620.00000	308.65	0	48.854072	-86.944502	56186.64	56234.9	15.11	56201.75	56201.87500	56196.73500	56206.43750	504071.1	5411235.3
L4070.0	504071.1	5411237.2	68620.10156	307.98	0	48.854088	-86.944502	56185.70	56234.9	15.11	56200.81	56200.92969	56189.40864	56199.18750	504071.1	5411237.2
L4070.0	504071.1	5411239.1	68620.20313	309.20	0	48.854106	-86.944502	56185.45	56234.9	15.11	56200.56	56200.67578	56195.04094	56204.89453	504071.1	5411239.1
L4070.0	504071.1	5411239.1	68620.29688	309.82	0	48.854106	-86.944502	56184.64	56234.9	15.11	56199.75	56199.86328	56190.26525	56200.19141	504071.1	5411239.1
L4070.0	504071.1	5411240.9	68620.39844	306.57	0	48.854121	-86.944502	56183.86	56234.9	15.11	56198.97	56199.07813	56186.07028	56196.07031	504071.1	5411240.9
L4070.0	504071.1	5411242.4	68620.50000	305.90	0	48.854135	-86.944501	56183.40	56234.9	15.11	56198.51	56198.61328	56188.11363	56198.18750	504071.1	5411242.4
L4070.0	504071.1	5411242.4	68620.60156	308.26	0	48.854135	-86.944501	56182.72	56234.9	15.11	56197.83	56197.92578	56185.99261	56196.13672	504071.1	5411242.4
L4070.0	504071.2	5411244.2	68620.70313	309.97	0	48.854151	-86.944501	56182.34	56234.9	15.11	56197.45	56197.54297	56189.95795	56200.17578	504071.2	5411244.2
L4070.0	504071.2	5411246.0	68620.79688	311.27	0	48.854168	-86.944501	56181.41	56234.9	15.11	56196.52	56196.60547	56182.97126	56193.25781	504071.2	5411246.0
L4070.0	504071.2	5411246.0	68620.89844	314.18	0	48.854168	-86.944501	56181.02	56234.9	15.11	56196.13	56196.21094	56187.07559	56197.42969	504071.2	5411246.0
L4070.0	504071.2	5411247.5	68621.00000	314.74	0	48.854181	-86.944500	56180.37	56234.9	15.11	56195.48	56195.55469	56185.98044	56196.40234	504071.2	5411247.5
L4070.0	504071.2	5411249.3	68621.00000	314.74	0	48.854197	-86.944500	56179.66	56234.9	15.11	56194.77	56194.83594	56183.71212	56194.19922	504071.2	5411249.3
L4070.0	504071.2	5411249.3	68621.20313	314.99	0	48.854197	-86.944500	56178.93	56234.9	15.11	56194.05	56194.10938	56181.30313	56191.85547	504071.2	5411249.3
L4070.0	504071.2	5411250.9	68621.29688	315.26	0	48.854212	-86.944500	56178.39	56234.9	15.11	56193.50	56193.55469	56182.65673	56193.27344	504071.2	5411250.9
L4070.0	504071.3	5411252.8	68621.39844	316.81	0	48.854229	-86.944500	56177.76	56234.9	15.11	56192.88	56192.92578	56182.62177	56193.29688	504071.3	5411252.8
L4070.0	504071.3	5411252.8	68621.50000	315.53	0	48.854229	-86.944500	56177.41	56234.9	15.11	56192.52	56192.55859	56188.40400	56199.14063	504071.3	5411252.8
L4070.0	504071.3	5411255.1	68621.60156	314.19	0	48.854249	-86.944499	56176.16	56234.9	15.12	56191.28	56191.31250	56174.92200	56185.71875	504071.3	5411255.1
L4070.0	504071.3	5411256.8	68621.70313	312.02	0	48.854265	-86.944499	56175.57	56234.9	15.12	56190.68	56190.70313	56175.60190	56186.45703	504071.3	5411256.8
L4070.0	504071.3	5411258.6	68621.79688	311.18	0	48.854281	-86.944499	56174.98	56234.9	15.12	56190.10	56190.11719	56176.80704	56187.71875	504071.3	5411258.6
L4070.0	504071.3	5411258.6	68621.89844	311.67	0	48.854281	-86.944499	56174.52	56234.9	15.12	56189.64	56189.64844	56180.71360	56191.67969	504071.3	5411258.6
L4070.0	504071.4	5411260.6	68622.00000	312.27	0	48.854299	-86.944498	56173.48	56234.9	15.12	56188.60	56188.59766	56171.94337	56182.96094	504071.4	5411260.6
L4070.0	504071.4	5411260.6	68622.10156	312.91	0	48.854299	-86.944498	56172.58	56234.9	15.12	56187.70	56187.69141	56166.36244	56177.42969	504071.4	5411260.6
L4070.0	504071.4	5411262.0	68622.20313	312.77	0	48.854312	-86.944498	56172.10	56234.9	15.12	56187.22	56187.19922	56169.94943	56181.06641	504071.4	5411262.0
L4070.0	504071.4	5411263.3	68622.29688	313.35	0	48.854324	-86.944498	56171.48	56234.9	15.13	56186.61	56186.58203	56170.70697	56181.87109	504071.4	5411263.3
L4070.0	504071.4	5411265.3	68622.39844	313.88	0	48.854342	-86.944497	56170.81	56234.9	15.13	56185.93	56185.89063	56169.95701	56181.16797	504071.4	5411265.3
L4070.0	504071.4	5411265.3	68622.50000	313.57	0	48.854342	-86.944497	56170.24	56234.9	15.13	56185.37	56185.32031	56171.69312	56182.94922	504071.4	5411265.3

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4070.0	504071.4	5411266.9	68622.60156	312.41	0	48.854356	-86.944497	56169.62	56234.9	15.13	56184.75	56184.69141	56172.09712	56183.39453	504071.4	5411266.9
L4070.0	504071.4	5411268.6	68622.70313	312.01	0	48.854371	-86.944497	56168.88	56234.9	15.13	56184.02	56183.95313	56170.16686	56181.50391	504071.4	5411268.6
L4070.0	504071.4	5411268.6	68622.79688	311.59	0	48.854371	-86.944497	56168.02	56234.9	15.14	56183.16	56183.08203	56165.53301	56176.91016	504071.4	5411268.6
L4070.0	504071.5	5411270.4	68622.89844	312.47	0	48.854387	-86.944497	56167.54	56234.9	15.14	56182.68	56182.58984	56168.49789	56179.91016	504071.5	5411270.4
L4070.0	504071.5	5411271.9	68623.00000	312.13	0	48.854401	-86.944497	56166.71	56234.9	15.14	56181.85	56181.75000	56164.26138	56175.70703	504071.5	5411271.9
L4070.0	504071.5	5411271.9	68623.00000	312.13	0	48.854401	-86.944497	56165.92	56234.9	15.14	56181.06	56180.94922	56160.67744	56172.15625	504071.5	5411271.9
L4070.0	504071.5	5411273.8	68623.20313	311.58	0	48.854418	-86.944497	56165.32	56234.9	15.14	56180.46	56180.33594	56160.72094	56172.23047	504071.5	5411273.8
L4070.0	504071.5	5411275.7	68623.29688	311.39	0	48.854435	-86.944496	56164.76	56234.9	15.15	56179.90	56179.76563	56161.36971	56172.90625	504071.5	5411275.7
L4070.0	504071.5	5411275.7	68623.39844	310.05	0	48.854435	-86.944496	56163.93	56234.9	15.15	56179.08	56178.93359	56156.49096	56168.05078	504071.5	5411275.7
L4070.0	504071.5	5411277.5	68623.50000	310.32	0	48.854451	-86.944496	56163.32	56234.8	15.15	56178.47	56178.31250	56155.60854	56167.19531	504071.5	5411277.5
L4070.0	504071.5	5411279.2	68623.60156	311.37	0	48.854467	-86.944496	56162.79	56234.8	15.15	56177.94	56177.76953	56156.12388	56167.73047	504071.5	5411279.2
L4070.0	504071.5	5411279.2	68623.70313	311.05	0	48.854467	-86.944496	56162.31	56234.8	15.15	56177.46	56177.27734	56157.45861	56169.08594	504071.5	5411279.2
L4070.0	504071.5	5411281.2	68623.79688	309.58	0	48.854484	-86.944496	56161.35	56234.8	15.16	56176.51	56176.31250	56148.24875	56159.89063	504071.5	5411281.2
L4070.0	504071.5	5411281.2	68623.89844	310.06	0	48.854484	-86.944496	56160.77	56234.8	15.16	56175.92	56175.71094	56146.38608	56158.04297	504071.5	5411281.2
L4070.0	504071.5	5411282.9	68624.00000	311.89	0	48.854500	-86.944497	56160.35	56234.8	15.16	56175.51	56175.28516	56148.25663	56159.92578	504071.5	5411282.9
L4070.0	504071.5	5411284.7	68624.10156	313.01	0	48.854516	-86.944497	56159.86	56234.8	15.16	56175.02	56174.78516	56147.98934	56159.66797	504071.5	5411284.7
L4070.0	504071.5	5411286.3	68624.20313	314.66	0	48.854530	-86.944497	56159.57	56234.8	15.16	56174.74	56174.48828	56152.48695	56164.17188	504071.5	5411286.3
L4070.0	504071.5	5411286.3	68624.29688	325.18	0	48.854530	-86.944497	56158.54	56234.8	15.16	56173.70	56173.43750	56137.70048	56149.39063	504071.5	5411286.3
L4070.0	504071.5	5411287.7	68624.39844	324.93	0	48.854543	-86.944497	56158.32	56234.8	15.16	56173.48	56173.20313	56142.91222	56154.60156	504071.5	5411287.7
L4070.0	504071.4	5411289.5	68624.50000	325.43	0	48.854559	-86.944497	56157.84	56234.8	15.17	56173.00	56172.70703	56141.03919	56152.73047	504071.4	5411289.5
L4070.0	504071.4	5411289.5	68624.60156	320.20	0	48.854559	-86.944497	56157.12	56234.8	15.17	56172.29	56171.98438	56129.49006	56141.17578	504071.4	5411289.5
L4070.0	504071.4	5411291.3	68624.70313	322.70	0	48.854575	-86.944497	56156.71	56234.8	15.17	56171.88	56171.55859	56127.32680	56139.00781	504071.4	5411291.3
L4070.0	504071.4	5411293.1	68624.79688	322.42	0	48.854591	-86.944497	56156.34	56234.8	15.17	56171.50	56171.16406	56125.30480	56136.98047	504071.4	5411293.1
L4070.0	504071.4	5411293.1	68624.89844	307.75	0	48.854591	-86.944497	56156.12	56234.8	15.17	56171.29	56170.93750	56126.11241	56137.77344	504071.4	5411293.1
L4070.0	504071.4	5411295.0	68625.00000	307.64	0	48.854608	-86.944497	56155.39	56234.8	15.17	56170.56	56170.19531	56116.42611	56128.07422	504071.4	5411295.0
L4070.0	504071.4	5411296.5	68625.00000	307.64	0	48.854622	-86.944497	56155.18	56234.8	15.17	56170.35	56169.96875	56116.36051	56127.99609	504071.4	5411296.5
L4070.0	504071.4	5411296.5	68625.20313	323.70	0	48.854622	-86.944497	56155.09	56234.8	15.17	56170.26	56169.86328	56118.37133	56129.98828	504071.4	5411296.5
L4070.0	504071.4	5411298.7	68625.29688	323.85	0	48.854642	-86.944497	56154.38	56234.8	15.17	56169.54	56169.12891	56106.94506	56118.53906	504071.4	5411298.7
L4070.0	504071.4	5411300.5	68625.39844	324.47	0	48.854658	-86.944497	56154.58	56234.8	15.17	56169.75	56169.32031	56114.35984	56125.93359	504071.4	5411300.5
L4070.0	504071.4	5411300.5	68625.50000	325.41	0	48.854658	-86.944497	56154.15	56234.8	15.17	56169.32	56168.87500	56107.81215	56119.35938	504071.4	5411300.5
L4070.0	504071.4	5411302.1	68625.60156	325.56	0	48.854672	-86.944497	56153.70	56234.8	15.17	56168.87	56168.41016	56100.16626	56111.68359	504071.4	5411302.1
L4070.0	504071.4	5411303.9	68625.70313	323.89	0	48.854688	-86.944497	56153.63	56234.8	15.17	56168.80	56168.32422	56100.15276	56111.64063	504071.4	5411303.9
L4070.0	504071.4	5411303.9	68625.79688	323.39	0	48.854688	-86.944497	56153.66	56234.8	15.17	56168.83	56168.33984	56101.78627	56113.23828	504071.4	5411303.9
L4070.0	504071.4	5411305.9	68625.89844	322.52	0	48.854707	-86.944497	56153.23	56234.8	15.17	56168.40	56167.89063	56092.59864	56104.01563	504071.4	5411305.9
L4070.0	504071.4	5411307.4	68626.00000	320.14	0	48.854721	-86.944497	56153.73	56234.8	15.17	56168.90	56168.37500	56103.48092	56114.85938	504071.4	5411307.4
L4070.0	504071.4	5411307.4	68626.10156	319.51	0	48.854721	-86.944497	56153.40	56234.8	15.17	56168.57	56168.02734	56095.11711	56106.45313	504071.4	5411307.4
L4070.0	504071.4	5411309.4	68626.20313	322.20	0	48.854738	-86.944497	56153.38	56234.8	15.17	56168.55	56167.99219	56092.99089	56104.28516	504071.4	5411309.4
L4070.0	504071.4	5411311.5	68626.29688	323.75	0	48.854757	-86.944497	56153.61	56234.8	15.17	56168.78	56168.20703	56095.81382	56107.05859	504071.4	5411311.5
L4070.0	504071.4	5411311.5	68626.39844	323.11	0	48.854757	-86.944497	56153.48	56234.8	15.17	56168.65	56168.05859	56089.68602	56100.88281	504071.4	5411311.5
L4070.0	504071.4	5411313.8	68626.50000	324.41	0	48.854778	-86.944497	56153.63	56234.8	15.17	56168.80	56168.19141	56089.16628	56100.31250	504071.4	5411313.8
L4070.0	504071.4	5411313.8	68626.60156	324.70	0	48.854778	-86.944497	56153.93	56234.8	15.17	56169.10	56168.47656	56091.31140	56102.40234	504071.4	5411313.8
L4070.0	504071.4	5411315.7	68626.70313	324.72	0	48.854794	-86.944497	56154.16	56234.8	15.17	56169.33	56168.68750	56091.04662	56102.08203	504071.4	5411315.7
L4070.0	504071.4	5411317.2	68626.79688	323.98	0	48.854808	-86.944497	56154.19	56234.8	15.17	56169.36	56168.70313	56085.32323	56096.30078	504071.4	5411317.2
L4070.0	504071.5	5411318.4	68626.89844	323.11	0	48.854819	-86.944497	56154.85	56234.8	15.17	56170.02	56169.34375	56093.42563	56104.33984	504071.5	5411318.4
L4070.0	504071.5	5411318.4	68627.00000	321.89	0	48.854819	-86.944497	56154.97	56234.8	15.17	56170.14	56169.44922	56088.14615	56098.99609	504071.5	5411318.4
L4070.0	504071.5	5411320.3	68627.00000	321.89	0	48.854836	-86.944497	56155.33	56234.8	15.17	56170.50	56169.78906	56087.65655	56098.44141	504071.5	5411320.3
L4070.0	504071.5	5411322.0	68627.20313	323.60	0	48.854851	-86.944496	56155.63	56234.8	15.17	56170.79	56170.06250	56084.71970	56095.43750	504071.5	5411322.0
L4070.0	504071.5	5411323.5	68627.29688	325.42	0	48.854865	-86.944496	56156.47	56234.8	15.17	56171.64	56170.89844	56094.17854	56104.82422	504071.5	5411323.5
L4070.0	504071.5	5411323.5	68627.39844	325.76	0	48.854865	-86.944496	56156.99	56234.8	15.17	56172.16	56171.39844	56095.09364	56105.66406	504071.5	5411323.5
L4070.0	504071.5	5411325.4	68627.50000	324.97	0	48.854882	-86.944496	56157.58	56234.8	15.17	56172.75	56171.97266	56096.88457	56107.37891	504071.5	5411325.4
L4070.0	504071.5	5411325.4	68627.60156	326.76	0	48.854882	-86.944496	56157.97	56234.8	15.17	56173.14	56172.34375	56093.17274	56103.58984	504071.5	5411325.4
L4070.0	504071.5	5411326.8	68627.70313	326.33	0	48.854895	-86.944496	56158.80	56234.8	15.17	56173.97	56173.16016	56099.10845	56109.44531	504071.5	5411326.8
L4070.0	504071.5	5411328.3	68627.79688	326.92	0	48.854908	-86.944496	56159.50	56234.8	15.17	56174.67	56173.84375	56101.21470	56111.47266	504071.5	5411328.3
L4070.0	504071.5	5411329.8	68627.89844	326.66	0	48.854922	-86.944496	56159.86	56234.8	15.17	56175.03	56174.18359	56094.54881	56104.71875	504071.5	5411329.8
L4070.0	504071.5	5411329.8	68628.00000	314.01	0	48.854922	-86.944496	56160.82	56234.8	15.17	56175.99	56175.12891	56101.32279	56111.40625	504071.5	5411329.8
L4070.0	504071.5	5411332.1	68628.10156	313.15	0	48.854943	-86.944496	56161.44	56234.8	15.17	56176.61	56175.73047	56099.36414	56109.35938	504071.5	5411332.1
L4070.0	504071.5	5411332.1	68628.20313	312.87	0	48.854943	-86.944496	56162.54	56234.8	15.18	56177.71	56176.81641	56107.97109	56117.87891	504071.5	5411332.1
L4070.0	504071.5	5411334.2	68628.29688	311.50	0	48.854961	-86.944496	56163.20	56234.8	15.18	56178.37	56177.45703	56105.55958	56115.37109	504071.5	5411334.2
L4070.0	504071.5	5411335.7	68628.39844	324.23	0	48.854975	-86.944496	56163.98	56234.8	15.18	56179.16	56178.23047	56105.51812	56115.23438	504071.5	5411335.7
L4070.0	504071.5	5411337.4	68628.50000	325.03	0	48.854990	-86.944496	56165.06	56234.8	15.18	56180.24	56179.29688	56111.54230	56121.16406	504071.5	5411337.4
L4070.0	504071.5	5411337.4	68628.60156	327.05	0	48.854990	-86.944496	56166.00	56234.8	15.19	56181.19	56180.23047	56113.86892	56123.39063	504071.5	5411337.4
L4070.0	504071.5	5411339.3	68628.70313	325.12	0	48.855007	-86.944496	56167.14	56234.8	15.19	56182.34	56181.36328	56120.14380	56129.56641	504071.5	5411339.3
L4070.0	504071.5	5411339.3	68628.79688	323.49	0	48.855007	-86.944496	56168.07	56234.8	15.19	56183.27	56182.27734	56120.72526	56130.04688	504071.5	5411339.3
L4070.0	504071.5	5411341.0	68628.89844	322.45	0	48.855022	-86.944496	56169.21	56234.8	15.20	56184.41	56183.40234	56125.50801	56134.72656	504071.5	5411341.0
L4070.0	504071.5	5411343.1	68629.00000	323.35	0	48.855042	-86.944496	56170.47	56234.8	15.20	56185.67	56184.64453	56132.42251	56141.53516	504071.5	5411343.1
L4070.0	504071.5	5411343.1	68629.00000	323.35	0	48.855042	-86.944496	56171.87	56234.8	15.20	56187.07	56186.03125	56141.93564	56150.94141	504071.5	5411343.1
L4070.0	504071.5	5411344.8	68629.20313	322.87	0	48.855056	-86.944496	56172.57	56234.8	15.20	56187.76	56186.70313	56134.79505	56143.69141	504071.5	5411344.8
L4070.0	504071.5	5411347.1	68629.29688	323.12	0	48.855078	-86.944496	56174.00	56234.8	15.20	56189.20	56188.12891	56144.14456	56152.92969	504071.5	5411347.1
L4070.0	504071.5	5411347.1	68629.39844	323.29	0	48.855078	-86.944496	56175.25	56234.8	15.20	56190.45	56189.36328	56148.70386	56157.37891	504071.5	5411347.1
L4070.0	504071.5	5411348.6	68629.50000	325.05	0	48.855091	-86.944496	56176.18	56234.8	15.19	56191.38	56190.28125	56145.59337	56154.15625	504071.5	5411348.6
L4070.0	504071.4	5411350.3	68629.60156	325.04	0	48.855106	-86.944496	56177.35	56234.8	15.19	56192.54	56191.42578	56147.26678	56155.71484	504071.4	5411350.3
L4070.0	504071.4	5411351.8	68629.70313	327.20	0	48.855119	-86.944496	56178.75	56234.8	15.19	56193.95	56192.82031	56154.19684	56162.53125	504071.4	5411351.8
L4070.0	504071.4	5411351.8	68629.79688	319.18	0	48.855119	-86.944496	56180.39	56234.8	15.19	56195.59	56194.44531	56165.96502	56174.18359	504071.4	5411351.8
L4070.0	504071.4	5411353.8	68629.89844	319.05	0	48.855138	-86.944497	56181.35	56234.8	15.19	56196.54	56195.38281	56161.86197	56169.96094	504071.4	5411353.8
L4070.0	504071.4	5411353.8	68630.00000	328.35	0	48.855138	-86.944497	56182.95	56234.8	15.19	56198.14	56196.96875	56172.14001	56180.12109	504071.4	5411353.8
L4070.0	504071.4	5411355.6	68630.10156	326.70	0	48.855154	-86.944497	56184.14	56234.8	15.19	56199.33	56198.14453	56172.92465	56180.78516	504071.4	5411355.6
L4070.0	504071.4	5411357.4	68630.20313	323.26	0	48.855170	-86.944497	56185.50	56234.8	15.19	56200.69	56199.49219	56177.33211	56185.07422	504071.4	5411357.4
L4070.0	504071.4	5411357.4	68630.29688	321.84	0	48.855170	-86.944497	56186.52	56234.8	15.19	56201.71	56200.49609	56173.88783	56181.50781	504071.4	5411357.4
L4070.0	504071.4	5411359.4	68630.39844	320.78	0	48.855188	-86.944497	56188.28	56234.8	15.19	56203.48	56202.25391	56187.20683	56194.70313	504071.4	5411359.4
L4070.0	504071.4	5411361.1	68630.50000	322.18	0	48.855204	-86.944497	56189.71	56234.8	15.19	56204.90	56203.66406	56192.50177	56199.87500	504071.4	5411361.1
L4070.0	504071.4	5411361.1	68630.60156	323.77	0	48.855204	-86.944497	56190.79	56234.8	15.20	56205.98	56204.73047	56190.04892	56197.30078	504071.4	5411361.1
L4070.0	504071.4	5411362.9	68630.70313	312.37	0	48.855219	-86.944497	56192.36	56234.8	15.20	56207.56	56206.29688	56198.76573	56205.89063	504071.4	5411362.9
L4070.0	504071.3	5411364.8	68630.79688	311.25	0	48.855236	-86.944498	56193.21	56234.8	15.20	56208.41	56207.13672	56191.08164	56198.08203	504071.3	5411364.8
L4070.0	504071.3	5411364.8	68630.89844	324.00	0	48.855236	-86.944498	56194.74	56234.8	15.20	56209.94	56208.65234	56198.60986	56205.48438	504071.3	5411364.8
L4070.0	504071.3	5411366.4	68631.00000	323.47	0	48.855251	-86.944498	56196.07	56234.8	15.20	56211.27	56209.97266	56201.67366	56208.42578	504071.3	5411366.4
L4070.0	504071.3	5411368.3	68631.00000	323.47	0	48.855268	-86.944498	56197.67	56234.8	15.20	56212.87	56211.56250	56210.72589	56217.35156	504071.3	5411368.3
L4070.0	504071.3	5411368.3	68631.20313	322.93	0	48.855268	-86.944498	56198.51	56234.8	15.20	56213.71	56212.39063	56203.09585	56209.59375	504071.3	5411368.3
L4070.0	504071.3	5411370.0	68631.29688	323.05	0	48.855283	-86.944498	56199.87	56234.8	15.20	56215.07	56213.74219	56207.00500	56213.37500	504071.3	5411370.0
L4070.0	504071.3	5411371.5	68631.39844	322.78	0	48.855296	-86.944498	56201.38	56234.8	15.20	56216.58	56215.23828	56214.22814	56220.47266	504071.3	5411371.5
L4070.0	504071.3	5411371.5	68631.50000	323.35	0	48.855296	-86.944498	56202.45	56234.8	15.21	56217.65	56216.30078	56212.08940	56218.20703	504071.3	5411371.5
L4070.0	504071.3	5411373.2	68631.60156	322.63	0	48.855312	-86.944499	56203.87	56234.8	15.21	56219.08	56217.71875	56217.78033	56223.76953	504071.3	5411373.2
L4070.0	504071.2	5411374.7	68631.70313	322.05	0	48.855326	-86.944499	56205.20	56234.8	15.21	56220.41	56219.03906	56221.45850	56227.32031	504071.2	5411374.7
L4070.0	504071.2	5411376.4	68631.79688	323.54	0	48.855341	-86.944499	56206.61	56234.8	15.21	56221.81	56220.43359	56226.69545	56232.42969	504071.2	5411376.4

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4070.0	504071.2	5411376.4	68631.89844	324.66	0	48.855341	-86.944499	56207.78	56234.8	15.21	56222.99	56221.60156	56227.56880	56233.17578	504071.2	5411376.4
L4070.0	504071.2	5411378.4	68632.00000	324.16	0	48.855359	-86.944499	56209.08	56234.8	15.21	56224.29	56222.89453	56231.04114	56236.51953	504071.2	5411378.4
L4070.0	504071.2	5411378.4	68632.10156	314.20	0	48.855359	-86.944499	56210.22	56234.8	15.21	56225.43	56224.02734	56231.53899	56236.89063	504071.2	5411378.4
L4070.0	504071.2	5411379.8	68632.20313	313.08	0	48.855372	-86.944500	56211.66	56234.8	15.21	56226.87	56225.45703	56237.98253	56243.20703	504071.2	5411379.8
L4070.0	504071.1	5411381.3	68632.29688	323.30	0	48.855385	-86.944500	56213.07	56234.8	15.22	56228.28	56226.86328	56243.84936	56248.94922	504071.1	5411381.3
L4070.0	504071.1	5411383.3	68632.39844	323.42	0	48.855403	-86.944500	56213.52	56234.8	15.22	56228.74	56227.31250	56232.58036	56237.55078	504071.1	5411383.3
L4070.0	504071.1	5411383.3	68632.50000	324.43	0	48.855403	-86.944500	56215.43	56234.8	15.22	56230.65	56229.21875	56247.60195	56252.44922	504071.1	5411383.3
L4070.0	504071.1	5411385.0	68632.60156	327.23	0	48.855418	-86.944501	56216.11	56234.8	15.22	56231.33	56229.89063	56236.17522	56240.89453	504071.1	5411385.0
L4070.0	504071.1	5411385.0	68632.70313	326.08	0	48.855418	-86.944501	56217.38	56234.8	15.22	56232.60	56231.15625	56241.62326	56246.21875	504071.1	5411385.0
L4070.0	504071.1	5411386.7	68632.79688	326.48	0	48.855434	-86.944501	56218.57	56234.8	15.23	56233.79	56232.33984	56245.24941	56249.71875	504071.1	5411386.7
L4070.0	504071.0	5411388.2	68632.89844	314.82	0	48.855447	-86.944501	56219.42	56234.8	15.23	56234.65	56233.19141	56241.25008	56245.59375	504071.0	5411388.2
L4070.0	504071.0	5411389.9	68633.00000	315.29	0	48.855463	-86.944502	56220.79	56234.8	15.23	56236.02	56234.55859	56249.88374	56254.10547	504071.0	5411389.9
L4070.0	504071.0	5411389.9	68633.00000	315.29	0	48.855463	-86.944502	56221.54	56234.8	15.23	56236.77	56235.30078	56244.51876	56248.61328	504071.0	5411389.9
L4070.0	504071.0	5411391.6	68633.20313	324.14	0	48.855477	-86.944502	56222.54	56234.8	15.23	56237.77	56236.29688	56245.47743	56249.44922	504071.0	5411391.6
L4070.0	504071.0	5411392.8	68633.29688	310.71	0	48.855488	-86.944502	56223.57	56234.8	15.23	56238.81	56237.33203	56247.80327	56251.65234	504071.0	5411392.8
L4070.0	504071.0	5411392.8	68633.39844	310.16	0	48.855488	-86.944502	56224.26	56234.8	15.23	56239.49	56238.00781	56242.74809	56246.47656	504071.0	5411392.8
L4070.0	504071.0	5411394.5	68633.50000	309.72	0	48.855503	-86.944502	56225.67	56234.8	15.24	56240.91	56239.42578	56254.35730	56257.96484	504071.0	5411394.5
L4070.0	504071.0	5411395.8	68633.60156	308.54	0	48.855516	-86.944502	56226.33	56234.8	15.24	56241.57	56240.08203	56249.89007	56253.37500	504071.0	5411395.8
L4070.0	504071.0	5411397.5	68633.70313	308.84	0	48.855531	-86.944502	56226.98	56234.8	15.24	56242.21	56240.71875	56245.39302	56248.75781	504071.0	5411397.5
L4070.0	504071.0	5411398.7	68633.79688	307.34	0	48.855542	-86.944502	56228.15	56234.8	15.24	56243.39	56241.89453	56253.46600	56256.71094	504071.0	5411398.7
L4070.0	504071.0	5411398.7	68633.89844	306.66	0	48.855542	-86.944502	56228.86	56234.8	15.24	56244.10	56242.60547	56251.48205	56254.60938	504071.0	5411398.7
L4070.0	504071.0	5411399.9	68634.00000	306.05	0	48.855552	-86.944502	56229.60	56234.8	15.24	56244.84	56243.33984	56250.60364	56253.61328	504071.0	5411399.9
L4070.0	504071.0	5411401.6	68634.10156	315.57	0	48.855567	-86.944502	56230.47	56234.8	15.24	56245.71	56244.21094	56253.37155	56256.26563	504071.0	5411401.6
L4070.0	504071.0	5411401.6	68634.20313	314.52	0	48.855567	-86.944502	56231.36	56234.8	15.24	56246.60	56245.09766	56257.34697	56260.12500	504071.0	5411401.6
L4070.0	504071.0	5411403.1	68634.29688	315.63	0	48.855581	-86.944501	56232.31	56234.8	15.24	56247.54	56246.03516	56263.45588	56266.11719	504071.0	5411403.1
L4070.0	504071.0	5411404.6	68634.39844	317.32	0	48.855595	-86.944501	56232.71	56234.8	15.24	56247.95	56246.44531	56263.18112	56265.72656	504071.0	5411404.6
L4070.0	504071.0	5411404.6	68634.50000	321.33	0	48.855595	-86.944501	56233.76	56234.8	15.24	56249.00	56247.49609	56270.72026	56273.15234	504071.0	5411404.6
L4070.0	504071.0	5411405.7	68634.60156	325.05	0	48.855605	-86.944501	56234.47	56234.8	15.24	56249.71	56248.20313	56272.67701	56274.99609	504071.0	5411405.7
L4070.0	504071.0	5411407.1	68634.70313	324.62	0	48.855617	-86.944501	56235.42	56234.8	15.24	56250.66	56249.15234	56279.75664	56281.96484	504071.0	5411407.1
L4070.0	504071.0	5411408.7	68634.79688	326.03	0	48.855631	-86.944501	56235.67	56234.8	15.24	56250.91	56249.40234	56273.41563	56275.51172	504071.0	5411408.7
L4070.0	504071.0	5411410.5	68634.89844	325.28	0	48.855647	-86.944501	56236.49	56234.8	15.24	56251.73	56250.22266	56278.84695	56280.83203	504071.0	5411410.5
L4070.0	504071.0	5411410.5	68635.00000	325.41	0	48.855647	-86.944501	56237.03	56234.8	15.24	56252.27	56250.76563	56278.86027	56280.73438	504071.0	5411410.5
L4070.0	504071.0	5411411.8	68635.00000	325.41	0	48.855659	-86.944501	56237.34	56234.8	15.24	56252.58	56251.07422	56274.07749	56275.84375	504071.0	5411411.8
L4070.0	504071.0	5411413.6	68635.20313	323.56	0	48.855675	-86.944501	56238.04	56234.8	15.24	56253.28	56251.77734	56278.16311	56279.82031	504071.0	5411413.6
L4070.0	504071.0	5411413.6	68635.29688	321.88	0	48.855675	-86.944501	56238.68	56234.8	15.24	56253.92	56252.41797	56281.33662	56282.88672	504071.0	5411413.6
L4070.0	504071.1	5411414.9	68635.39844	312.12	0	48.855687	-86.944501	56239.13	56234.8	15.24	56254.36	56252.85938	56280.24327	56281.68750	504071.1	5411414.9
L4070.0	504071.1	5411416.1	68635.50000	312.30	0	48.855698	-86.944501	56239.43	56234.8	15.24	56254.66	56253.16016	56276.11863	56277.45703	504071.1	5411416.1
L4070.0	504071.1	5411417.4	68635.60156	324.14	0	48.855710	-86.944501	56240.21	56234.8	15.23	56255.45	56253.95313	56283.86954	56285.10547	504071.1	5411417.4
L4070.0	504071.1	5411417.4	68635.70313	323.77	0	48.855710	-86.944501	56240.52	56234.8	15.23	56255.75	56254.25391	56280.34000	56281.47266	504071.1	5411417.4
L4070.0	504071.1	5411418.7	68635.79688	327.95	0	48.855722	-86.944501	56240.85	56234.8	15.23	56256.08	56254.58984	56277.84540	56278.87500	504071.1	5411418.7
L4070.0	504071.1	5411420.1	68635.89844	327.27	0	48.855734	-86.944501	56241.34	56234.8	15.23	56256.57	56255.08203	56279.51114	56280.43750	504071.1	5411420.1
L4070.0	504071.1	5411421.3	68636.00000	326.47	0	48.855745	-86.944501	56241.79	56234.8	15.23	56257.02	56255.53516	56280.57393	56281.39844	504071.1	5411421.3
L4070.0	504071.1	5411421.3	68636.10156	326.22	0	48.855745	-86.944501	56242.23	56234.8	15.23	56257.46	56255.97656	56281.75181	56282.47656	504071.1	5411421.3
L4070.0	504071.1	5411422.5	68636.20313	325.95	0	48.855756	-86.944501	56242.41	56234.8	15.23	56257.64	56256.16016	56277.14160	56277.76563	504071.1	5411422.5
L4070.0	504071.1	5411424.1	68636.29688	325.72	0	48.855770	-86.944501	56242.97	56234.8	15.22	56258.20	56256.72266	56281.86044	56282.38672	504071.1	5411424.1
L4070.0	504071.1	5411424.1	68636.39844	324.88	0	48.855770	-86.944501	56243.28	56234.8	15.22	56258.50	56257.02734	56280.80978	56281.23828	504071.1	5411424.1
L4070.0	504071.1	5411425.5	68636.50000	323.47	0	48.855782	-86.944501	56243.53	56234.8	15.22	56258.75	56257.28125	56278.94948	56279.28125	504071.1	5411425.5
L4070.0	504071.1	5411426.4	68636.60156	321.70	0	48.855791	-86.944501	56243.72	56234.8	15.22	56258.94	56257.47656	56276.04644	56276.28125	504071.1	5411426.4
L4070.0	504071.0	5411427.9	68636.70313	323.66	0	48.855804	-86.944501	56244.09	56234.8	15.22	56259.31	56257.84766	56277.67327	56277.81250	504071.0	5411427.9
L4070.0	504071.0	5411429.1	68636.79688	322.87	0	48.855815	-86.944501	56244.37	56234.8	15.21	56259.58	56258.12500	56277.30614	56277.35156	504071.0	5411429.1
L4070.0	504071.0	5411429.1	68636.89844	321.77	0	48.855815	-86.944501	56244.51	56234.8	15.21	56259.72	56258.26563	56274.24387	56274.19531	504071.0	5411429.1
L4070.0	504071.0	5411430.5	68637.00000	321.08	0	48.855827	-86.944501	56244.84	56234.8	15.21	56260.05	56258.60156	56275.90271	56275.76172	504071.0	5411430.5
L4070.0	504071.0	5411430.5	68637.00000	321.08	0	48.855827	-86.944501	56244.96	56234.8	15.21	56260.17	56258.72656	56272.97771	56272.74219	504071.0	5411430.5
L4070.0	504071.1	5411431.9	68637.20313	320.86	0	48.855840	-86.944501	56245.39	56234.8	15.21	56260.60	56259.16016	56277.57402	56277.25000	504071.1	5411431.9
L4070.0	504071.1	5411431.9	68637.29688	323.68	0	48.855840	-86.944501	56245.47	56234.8	15.22	56260.69	56259.25781	56274.50669	56274.08984	504071.1	5411431.9
L4070.0	504071.1	5411433.4	68637.39844	324.92	0	48.855853	-86.944500	56245.83	56234.8	15.22	56261.05	56259.62109	56278.04874	56277.54297	504071.1	5411433.4
L4070.0	504071.1	5411434.2	68637.50000	328.08	0	48.855861	-86.944500	56246.04	56234.8	15.22	56261.26	56259.83594	56278.32595	56277.73047	504071.1	5411434.2
L4070.0	504071.1	5411434.2	68637.60156	327.12	0	48.855861	-86.944500	56246.49	56234.8	15.22	56261.71	56260.29297	56284.56843	56283.88281	504071.1	5411434.2
L4070.0	504071.1	5411435.2	68637.70313	324.63	0	48.855870	-86.944500	56246.58	56234.8	15.22	56261.80	56260.38672	56282.48017	56281.70703	504071.1	5411435.2
L4070.0	504071.1	5411436.3	68637.79688	324.84	0	48.855879	-86.944500	56246.70	56234.8	15.23	56261.92	56260.51172	56281.30821	56280.44531	504071.1	5411436.3
L4070.0	504071.1	5411437.5	68637.89844	311.55	0	48.855891	-86.944500	56246.88	56234.8	15.23	56262.10	56260.69922	56281.77256	56280.82422	504071.1	5411437.5
L4070.0	504071.1	5411437.5	68638.00000	309.91	0	48.855891	-86.944500	56246.53	56234.8	15.23	56261.76	56260.36328	56269.90191	56268.86719	504071.1	5411437.5
L4070.0	504071.1	5411439.4	68638.10156	323.39	0	48.855908	-86.944500	56246.85	56234.8	15.23	56262.08	56260.69141	56274.10022	56272.97656	504071.1	5411439.4
L4070.0	504071.1	5411439.4	68638.20313	325.98	0	48.855908	-86.944500	56246.80	56234.8	15.23	56262.03	56260.64453	56269.58563	56268.37891	504071.1	5411439.4
L4070.0	504071.1	5411440.6	68638.29688	329.02	0	48.855918	-86.944500	56246.86	56234.8	15.23	56262.09	56260.71094	56267.90825	56266.61328	504071.1	5411440.6
L4070.0	504071.1	5411441.4	68638.39844	332.01	0	48.855925	-86.944500	56247.11	56234.8	15.23	56262.34	56260.96875	56270.90355	56269.52344	504071.1	5411441.4
L4070.0	504071.1	5411442.3	68638.50000	330.64	0	48.855934	-86.944501	56247.49	56234.8	15.23	56262.72	56261.35156	56277.01969	56275.55859	504071.1	5411442.3
L4070.0	504071.1	5411442.3	68638.60156	329.89	0	48.855934	-86.944501	56247.56	56234.8	15.23	56262.79	56261.42969	56275.98728	56274.44141	504071.1	5411442.3
L4070.0	504071.0	5411443.7	68638.70313	327.23	0	48.855946	-86.944501	56247.75	56234.8	15.23	56262.98	56261.62500	56277.82116	56276.19141	504071.0	5411443.7
L4070.0	504071.0	5411444.3	68638.79688	327.77	0	48.855952	-86.944501	56247.80	56234.8	15.23	56263.03	56261.68359	56276.59285	56274.87891	504071.0	5411444.3
L4070.0	504071.0	5411444.3	68638.89844	326.19	0	48.855952	-86.944501	56247.90	56234.8	15.23	56263.13	56261.78906	56276.60045	56274.80469	504071.0	5411444.3
L4070.0	504071.0	5411445.4	68639.00000	313.76	0	48.855962	-86.944501	56248.09	56234.8	15.23	56263.32	56261.98438	56278.61933	56276.73828	504071.0	5411445.4
L4070.0	504071.0	5411446.3	68639.00000	313.76	0	48.855970	-86.944502	56248.23	56234.8	15.23	56263.46	56262.12891	56279.59401	56277.63281	504071.0	5411446.3
L4070.0	504071.0	5411446.3	68639.20313	310.07	0	48.855970	-86.944502	56248.38	56234.8	15.23	56263.62	56262.29688	56281.00381	56278.96094	504071.0	5411446.3
L4070.0	504071.0	5411447.6	68639.29688	320.94	0	48.855981	-86.944502	56248.18	56234.8	15.23	56263.41	56262.09375	56275.10980	56272.98438	504071.0	5411447.6
L4070.0	504070.9	5411448.5	68639.39844	310.06	0	48.855989	-86.944502	56248.00	56234.8	15.23	56263.24	56261.92969	56270.36778	56268.16016	504070.9	5411448.5
L4070.0	504070.9	5411448.5	68639.50000	308.78	0	48.855989	-86.944502	56247.84	56234.8	15.24	56263.07	56261.76563	56265.95847	56263.67188	504070.9	5411448.5
L4070.0	504070.9	5411449.4	68639.60156	322.19	0	48.855998	-86.944502	56247.82	56234.8	15.24	56263.06	56261.76172	56264.77046	56262.40234	504070.9	5411449.4
L4070.0	504070.9	5411450.5	68639.70313	320.61	0	48.856007	-86.944502	56248.16	56234.8	15.24	56263.39	56262.09766	56269.72203	56267.27344	504070.9	5411450.5
L4070.0	504070.9	5411450.5	68639.79688	309.72	0	48.856007	-86.944502	56248.16	56234.8	15.24	56263.39	56262.10547	56266.33827	56263.80859	504070.9	5411450.5
L4070.0	504070.9	5411451.2	68639.89844	311.46	0	48.856014	-86.944502	56248.31	56234.8	15.24	56263.55	56262.26953	56269.49849	56266.88672	504070.9	5411451.2
L4070.0	504070.9	5411451.7	68640.00000	314.07	0	48.856019	-86.944502	56248.41	56234.8	15.24	56263.65	56262.37500	56271.09112	56268.39844	504070.9	5411451.7
L4070.0	504070.9	5411452.8	68640.10156	316.43	0	48.856028	-86.944502	56248.32	56234.8	15.24	56263.56	56262.29297	56267.96903	56265.19922	504070.9	5411452.8
L4070.0	504070.9	5411453.5	68640.20313	325.42	0	48.856035	-86.944502	56248.41	56234.8	15.24	56263.65	56262.39063	56269.50381	56266.65234	504070.9	5411453.5
L4070.0	504070.9	5411453.5	68640.29688	326.74	0	48.856035	-86.944502	56248.46	56234.8	15.24	56263.70	56262.44531	56270.12422	56267.19531	504070.9	5411453.5
L4070.0	504070.9	5411454.2	68640.39844	324.55	0	48.856041	-86.944502	56248.38	56234.8	15.24	56263.62	56262.37109	56267.70731	56264.69531	504070.9	5411454.2
L4070.0	504070.9	5411455.0	68640.50000	312.23	0	48.856048	-86.944502	56248.48	56234.8	15.24	56263.72	56262.47656	56269.71126	56266.62109	504070.9	5411455.0
L4070.0	504070.9	5411455.0	68640.60156	311.34	0	48.856048	-86.944502	56248.38	56234.8	15.24	56263.62	56262.38281	56267.03644	56263.86719	504070.9	5411455.0
L4070.0	504070.9	5411455.7	68640.70313	309.61	0	48.856054	-86.944502	56248.38	56234.8	15.24	56263.62	56262.39063	56266.81724	56263.56641	504070.9	5411455.7
L4070.0	504070.9	5411455.7	68640.79688	306.40	0	48.856054	-86.944502	56248.38	56234.8	15.24	56263.62	56262.39453	56266.66319	56263.33594	504070.9	5411455.7
L4070.0	504070.9	5411456.4	68640.89844	307.67	0	48.856061	-86.944503	56248.43	56234.8	15.24	56263.67	56262.45313	56267.74140	56264.33203	504070.9	5411456.4
L4070.0	504070.9	5411457.0	68641.00000	310.63	0	48.856066	-86.944503	56248.64	56234.8	15.24	56263.88	56262.66797	56272.62898	56269.14063	504070.9	5411457.0
L4070.0	504070.9	5411457.8	68641.00000	310.63	0	48.856073	-86.944503	56248.36	56234.8	15.24	56263.60	56262.39453	56266.04202	56262.47656	504070.9	5411457.8

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4070.0	504070.9	5411457.8	68641.20313	313.64	0	48.856073	-86.944503	56248.34	56234.8	15.24	56263.57	56262.37109	56265.36473	56261.71875	504070.9	5411457.8
L4070.0	504070.9	5411458.4	68641.29688	314.72	0	48.856078	-86.944503	56248.54	56234.8	15.23	56263.77	56262.57422	56270.12135	56266.39844	504070.9	5411458.4
L4070.0	504070.9	5411458.9	68641.39844	316.63	0	48.856083	-86.944503	56248.70	56234.8	15.23	56263.93	56262.74219	56273.96709	56270.16406	504070.9	5411458.9
L4070.0	504070.9	5411459.4	68641.50000	316.65	0	48.856088	-86.944503	56248.71	56234.8	15.23	56263.95	56262.76953	56274.55031	56270.66797	504070.9	5411459.4
L4070.0	504070.9	5411459.4	68641.60156	318.71	0	48.856088	-86.944503	56248.59	56234.8	15.23	56263.81	56262.63281	56271.38281	56267.42188	504070.9	5411459.4
L4070.0	504070.9	5411460.0	68641.70313	318.18	0	48.856093	-86.944503	56248.36	56234.8	15.23	56263.58	56262.41016	56266.07853	56262.03906	504070.9	5411460.0
L4070.0	504070.9	5411460.6	68641.79688	316.54	0	48.856098	-86.944503	56248.41	56234.8	15.22	56263.63	56262.46484	56267.40323	56263.28516	504070.9	5411460.6
L4070.0	504070.9	5411461.2	68641.89844	314.64	0	48.856104	-86.944503	56248.51	56234.8	15.22	56263.73	56262.57031	56269.95370	56265.75391	504070.9	5411461.2
L4070.0	504070.9	5411461.8	68642.00000	311.84	0	48.856109	-86.944503	56248.36	56234.8	15.22	56263.58	56262.42578	56266.48631	56262.20703	504070.9	5411461.8
L4070.0	504070.9	5411461.8	68642.10156	312.23	0	48.856109	-86.944503	56248.36	56234.8	15.22	56263.58	56262.43359	56266.62302	56262.26563	504070.9	5411461.8
L4070.0	504070.9	5411462.4	68642.20313	313.24	0	48.856115	-86.944503	56248.13	56234.8	15.22	56263.35	56262.20703	56261.01235	56256.57813	504070.9	5411462.4
L4070.0	504070.9	5411462.4	68642.29688	314.08	0	48.856115	-86.944503	56248.28	56234.8	15.22	56263.50	56262.36328	56264.84532	56260.33203	504070.9	5411462.4
L4070.0	504070.9	5411462.9	68642.39844	315.24	0	48.856119	-86.944503	56248.09	56234.8	15.22	56263.31	56262.17969	56260.01157	56255.41797	504070.9	5411462.9
L4070.0	504070.9	5411463.5	68642.50000	314.39	0	48.856124	-86.944503	56248.08	56234.8	15.22	56263.30	56262.17578	56259.71161	56255.03906	504070.9	5411463.5
L4070.0	504070.9	5411463.5	68642.60156	313.72	0	48.856124	-86.944503	56248.43	56234.8	15.22	56263.65	56262.53125	56269.01650	56264.26563	504070.9	5411463.5
L4070.0	504070.9	5411464.0	68642.70313	314.46	0	48.856128	-86.944503	56248.38	56234.8	15.22	56263.60	56262.48438	56266.03269	56261.20313	504070.9	5411464.0
L4070.0	504070.9	5411464.4	68642.79688	326.92	0	48.856132	-86.944503	56248.43	56234.8	15.22	56263.65	56262.54297	56266.99696	56262.08594	504070.9	5411464.4
L4070.0	504070.9	5411464.4	68642.89844	313.39	0	48.856132	-86.944503	56248.38	56234.8	15.22	56263.60	56262.49609	56266.19611	56261.20703	504070.9	5411464.4
L4070.0	504070.9	5411464.8	68643.00000	312.93	0	48.856136	-86.944503	56248.38	56234.8	15.22	56263.60	56262.50391	56266.29301	56261.22656	504070.9	5411464.8
L4070.0	504070.9	5411465.1	68643.00000	312.93	0	48.856139	-86.944503	56248.23	56234.8	15.22	56263.45	56262.35938	56263.61336	56258.46484	504070.9	5411465.1
L4070.0	504070.9	5411465.1	68643.20313	322.33	0	48.856139	-86.944503	56247.99	56234.8	15.22	56263.21	56262.12500	56259.18355	56253.95703	504070.9	5411465.1
L4070.0	504070.9	5411465.5	68643.29688	325.91	0	48.856143	-86.944502	56248.08	56234.8	15.22	56263.29	56262.20703	56260.75305	56255.44922	504070.9	5411465.5
L4070.0	504070.9	5411465.8	68643.39844	318.60	0	48.856145	-86.944502	56248.36	56234.8	15.22	56263.57	56262.49219	56266.20268	56260.81641	504070.9	5411465.8
L4070.0	504070.9	5411465.8	68643.50000	320.52	0	48.856145	-86.944502	56248.26	56234.8	15.21	56263.47	56262.39844	56264.41541	56258.95313	504070.9	5411465.8
L4070.0	504070.9	5411466.1	68643.60156	328.15	0	48.856148	-86.944502	56248.11	56234.8	15.21	56263.32	56262.25391	56261.65210	56256.10938	504070.9	5411466.1
L4070.0	504070.9	5411466.1	68643.70313	325.29	0	48.856148	-86.944502	56248.23	56234.8	15.21	56263.44	56262.37891	56264.13306	56258.51172	504070.9	5411466.1
L4070.0	504070.9	5411466.3	68643.79688	325.06	0	48.856150	-86.944502	56248.36	56234.8	15.21	56263.57	56262.51563	56266.83584	56261.13672	504070.9	5411466.3
L4070.0	504071.0	5411466.5	68643.89844	322.27	0	48.856152	-86.944502	56248.27	56234.8	15.21	56263.48	56262.42969	56265.27206	56259.49219	504071.0	5411466.5
L4070.0	504071.0	5411466.5	68644.00000	319.71	0	48.856152	-86.944502	56248.36	56234.8	15.21	56263.57	56262.52734	56267.22876	56261.37109	504071.0	5411466.5
L4070.0	504071.0	5411466.8	68644.10156	319.93	0	48.856154	-86.944502	56248.62	56234.8	15.21	56263.83	56262.79297	56272.50429	56266.56641	504071.0	5411466.8
L4070.0	504071.0	5411466.8	68644.20313	319.96	0	48.856154	-86.944502	56248.76	56234.8	15.21	56263.97	56262.93750	56275.45075	56269.43359	504071.0	5411466.8
L4120.0	504120.4	5411460.5	68455.20313	308.91	0	48.856097	-86.943828	56243.25	56234.8	15.17	56258.42	56259.48438	56267.93518	56277.94141	504120.4	5411460.5
L4120.0	504120.3	5411460.2	68455.29688	310.38	0	48.856095	-86.943829	56243.28	56234.8	15.17	56258.44	56259.51563	56269.50437	56279.54297	504120.3	5411460.2
L4120.0	504120.3	5411460.2	68455.39844	307.97	0	48.856095	-86.943829	56243.13	56234.8	15.17	56258.29	56259.37500	56268.37373	56278.44531	504120.3	5411460.2
L4120.0	504120.2	5411459.8	68455.50000	308.10	0	48.856091	-86.943830	56243.10	56234.8	15.17	56258.26	56259.35156	56269.38785	56279.49219	504120.2	5411459.8
L4120.0	504120.2	5411459.4	68455.60156	308.46	0	48.856088	-86.943831	56242.67	56234.8	15.16	56257.83	56258.93359	56263.27543	56273.41406	504120.2	5411459.4
L4120.0	504120.2	5411459.4	68455.70313	311.65	0	48.856088	-86.943831	56242.64	56234.8	15.16	56257.80	56258.91016	56264.41040	56274.58203	504120.2	5411459.4
L4120.0	504120.1	5411458.9	68455.79688	312.77	0	48.856082	-86.943832	56242.41	56234.8	15.16	56257.58	56258.69922	56262.07843	56272.28125	504120.1	5411458.9
L4120.0	504120.0	5411458.5	68455.89844	315.16	0	48.856079	-86.943833	56242.30	56234.8	15.16	56257.46	56258.58984	56261.70993	56271.94531	504120.0	5411458.5
L4120.0	504119.9	5411458.1	68456.00000	316.68	0	48.856076	-86.943835	56242.29	56234.8	15.16	56257.45	56258.58984	56263.61699	56273.88281	504119.9	5411458.1
L4120.0	504119.8	5411457.8	68456.10156	314.94	0	48.856073	-86.943835	56242.16	56234.8	15.16	56257.32	56258.46875	56263.26531	56273.56250	504119.8	5411457.8
L4120.0	504119.8	5411457.8	68456.20313	315.18	0	48.856073	-86.943835	56241.94	56234.8	15.16	56257.10	56258.25781	56261.16749	56271.49609	504119.8	5411457.8
L4120.0	504119.7	5411457.2	68456.29688	313.99	0	48.856068	-86.943837	56241.83	56234.8	15.16	56256.99	56258.15625	56261.36309	56271.71875	504119.7	5411457.2
L4120.0	504119.7	5411457.2	68456.39844	312.81	0	48.856068	-86.943837	56241.70	56234.8	15.16	56256.86	56258.03516	56261.22097	56271.60938	504119.7	5411457.2
L4120.0	504119.6	5411456.4	68456.50000	313.07	0	48.856060	-86.943839	56241.56	56234.8	15.16	56256.72	56257.90625	56260.92970	56271.34766	504119.6	5411456.4
L4120.0	504119.6	5411456.4	68456.60156	312.98	0	48.856060	-86.943839	56241.60	56234.8	15.16	56256.76	56257.95703	56264.38098	56274.82422	504119.6	5411456.4
L4120.0	504119.6	5411456.4	68456.70313	312.19	0	48.856060	-86.943839	56241.52	56234.8	15.16	56256.68	56257.88281	56265.38394	56275.85547	504119.6	5411456.4
L4120.0	504119.5	5411455.6	68456.79688	312.38	0	48.856053	-86.943840	56241.14	56234.8	15.16	56256.30	56257.51172	56260.27007	56270.76563	504119.5	5411455.6
L4120.0	504119.5	5411455.3	68456.89844	312.09	0	48.856050	-86.943840	56240.88	56234.8	15.16	56256.04	56257.26172	56257.65197	56268.17578	504119.5	5411455.3
L4120.0	504119.4	5411454.7	68457.00000	312.28	0	48.856045	-86.943841	56240.75	56234.8	15.16	56255.91	56257.14063	56257.68123	56268.23047	504119.4	5411454.7
L4120.0	504119.3	5411454.0	68457.00000	312.28	0	48.856038	-86.943842	56240.77	56234.8	15.16	56255.93	56257.17188	56260.67575	56271.24609	504119.3	5411454.0
L4120.0	504119.3	5411454.0	68457.20313	310.16	0	48.856038	-86.943842	56240.53	56234.8	15.16	56255.69	56256.93750	56258.47146	56269.06641	504119.3	5411454.0
L4120.0	504119.3	5411453.4	68457.29688	308.84	0	48.856033	-86.943843	56240.60	56234.8	15.16	56255.76	56257.01563	56262.29992	56272.91406	504119.3	5411453.4
L4120.0	504119.3	5411453.4	68457.39844	307.28	0	48.856033	-86.943843	56240.09	56234.8	15.16	56255.25	56256.51563	56254.87884	56265.51563	504119.3	5411453.4
L4120.0	504119.2	5411452.6	68457.50000	307.94	0	48.856026	-86.943844	56240.02	56234.8	15.16	56255.18	56256.45313	56255.92294	56266.57813	504119.2	5411452.6
L4120.0	504119.2	5411452.6	68457.60156	307.89	0	48.856026	-86.943844	56239.76	56234.8	15.16	56254.92	56256.20313	56253.34121	56264.01563	504119.2	5411452.6
L4120.0	504119.1	5411451.9	68457.70313	310.52	0	48.856020	-86.943845	56239.72	56234.8	15.16	56254.88	56256.17188	56254.83238	56265.52344	504119.1	5411451.9
L4120.0	504119.1	5411451.3	68457.79688	311.31	0	48.856014	-86.943846	56239.76	56234.8	15.16	56254.92	56256.21875	56257.70232	56268.40625	504119.1	5411451.3
L4120.0	504119.1	5411451.3	68457.89844	311.89	0	48.856014	-86.943846	56239.45	56234.8	15.16	56254.61	56255.91797	56254.12259	56264.84375	504119.1	5411451.3
L4120.0	504119.0	5411450.6	68458.00000	311.83	0	48.856008	-86.943846	56239.27	56234.8	15.16	56254.43	56255.74609	56252.88944	56263.62109	504119.0	5411450.6
L4120.0	504119.0	5411449.9	68458.10156	312.67	0	48.856002	-86.943847	56239.06	56234.8	15.16	56254.22	56255.54297	56251.08662	56261.83203	504119.0	5411449.9
L4120.0	504118.9	5411448.9	68458.20313	312.24	0	48.855993	-86.943848	56239.07	56234.8	15.16	56254.23	56255.56250	56253.17272	56263.92578	504118.9	5411448.9
L4120.0	504118.9	5411448.9	68458.29688	310.03	0	48.855993	-86.943848	56238.77	56234.8	15.16	56253.93	56255.26953	56249.70139	56260.46484	504118.9	5411448.9
L4120.0	504118.9	5411448.3	68458.39844	306.98	0	48.855987	-86.943848	56238.61	56234.8	15.16	56253.77	56255.11719	56248.69155	56259.46094	504118.9	5411448.3
L4120.0	504118.9	5411447.6	68458.50000	307.90	0	48.855981	-86.943849	56238.48	56234.8	15.16	56253.64	56254.99609	56248.18654	56258.96094	504118.9	5411447.6
L4120.0	504118.9	5411447.6	68458.60156	308.71	0	48.855981	-86.943849	56238.20	56234.8	15.16	56253.36	56254.72266	56244.99704	56255.77734	504118.9	5411447.6
L4120.0	504118.8	5411447.0	68458.70313	309.77	0	48.855976	-86.943849	56238.12	56234.8	15.16	56253.28	56254.65234	56245.34278	56256.12500	504118.8	5411447.0
L4120.0	504118.8	5411446.1	68458.79688	309.29	0	48.855967	-86.943850	56238.16	56234.8	15.16	56253.32	56254.69922	56247.83928	56258.62109	504118.8	5411446.1
L4120.0	504118.8	5411446.1	68458.89844	310.83	0	48.855967	-86.943850	56237.92	56234.8	15.16	56253.08	56254.46484	56245.33648	56256.11719	504118.8	5411446.1
L4120.0	504118.7	5411445.1	68459.00000	308.65	0	48.855958	-86.943851	56237.79	56234.8	15.16	56252.95	56254.34375	56244.82526	56255.60547	504118.7	5411445.1
L4120.0	504118.7	5411444.2	68459.00000	308.65	0	48.855950	-86.943852	56238.04	56234.8	15.16	56253.20	56254.60156	56251.30661	56262.08203	504118.7	5411444.2
L4120.0	504118.7	5411444.2	68459.20313	310.39	0	48.855950	-86.943852	56238.46	56234.8	15.16	56253.62	56255.02734	56261.10636	56271.87500	504118.7	5411444.2
L4120.0	504118.6	5411443.4	68459.29688	310.92	0	48.855943	-86.943852	56238.84	56234.8	15.17	56254.00	56255.41406	56270.42070	56281.17969	504118.6	5411443.4
L4120.0	504118.5	5411442.3	68459.39844	311.35	0	48.855934	-86.943854	56238.77	56234.8	15.17	56253.93	56255.35156	56271.53844	56282.28906	504118.5	5411442.3
L4120.0	504118.4	5411441.4	68459.50000	311.31	0	48.855925	-86.943855	56238.76	56234.8	15.17	56253.93	56255.35547	56274.10147	56284.84375	504118.4	5411441.4
L4120.0	504118.4	5411441.4	68459.60156	312.04	0	48.855925	-86.943855	56238.56	56234.8	15.17	56253.74	56255.17188	56273.18214	56283.91016	504118.4	5411441.4
L4120.0	504118.4	5411440.4	68459.70313	311.62	0	48.855916	-86.943855	56238.48	56234.8	15.17	56253.65	56255.08984	56274.28150	56284.99219	504118.4	5411440.4
L4120.0	504118.4	5411440.4	68459.79688	312.76	0	48.855916	-86.943855	56238.44	56234.8	15.18	56253.61	56255.05469	56276.47120	56287.16406	504118.4	5411440.4
L4120.0	504118.4	5411439.8	68459.89844	314.57	0	48.855911	-86.943856	56237.87	56234.8	15.18	56253.04	56254.49219	56268.56834	56279.24219	504118.4	5411439.8
L4120.0	504118.3	5411438.8	68460.00000	316.94	0	48.855902	-86.943856	56237.71	56234.8	15.18	56252.89	56254.34766	56268.89709	56279.55078	504118.3	5411438.8
L4120.0	504118.3	5411437.9	68460.10156	316.60	0	48.855894	-86.943856	56237.31	56234.8	15.18	56252.49	56253.95313	56264.55945	56275.19141	504118.3	5411437.9
L4120.0	504118.3	5411437.0	68460.20313	315.24	0	48.855885	-86.943856	56237.08	56234.8	15.17	56252.25	56253.71875	56263.48220	56274.08984	504118.3	5411437.0
L4120.0	504118.3	5411437.0	68460.29688	314.32	0	48.855885	-86.943856	56236.39	56234.8	15.17	56251.56	56253.03516	56254.00169	56264.58203	504118.3	5411437.0
L4120.0	504118.4	5411436.2	68460.39844	311.42	0	48.855878	-86.943856	56236.48	56234.8	15.17	56251.65	56253.12891	56259.61240	56270.16406	504118.4	5411436.2
L4120.0	504118.4	5411435.3	68460.50000	311.34	0	48.855871	-86.943855	56236.06	56234.8	15.17	56251.22	56252.70313	56255.55304	56266.07422	504118.4	5411435.3
L4120.0	504118.4	5411435.3	68460.60156	311.89	0	48.855871	-86.943855	56235.86	56234.8	15.16	56251.02	56252.50781	56256.03912	56266.52734	504118.4	5411435.3
L4120.0	504118.5	5411434.3	68460.70313	309.51	0	48.855861	-86.943854	56235.39	56234.8	15.16	56250.55	56252.04297	56251.73057	56262.17969	504118.5	5411434.3
L4120.0	504118.6	5411433.1	68460.79688	310.27	0	48.855851	-86.943853	56235.11	56234.8	15.16	56250.26	56251.75781	56250.98405	56261.39844	504118.6	5411433.1
L4120.0	504118.7	5411432.2	68460.89844	310.46	0	48.855843	-86.943852	56235.01	56234.8	15.15	56250.16	56251.66406	56253.86917	56264.24219	504118.7	5411432.2
L4120.0	504118.7	5411432.2	68461.00000	309.63	0	48.855843	-86.943852	56234.78	56234.8	15.15	56249.93	56251.43750	56254.55512	56264.88672	504118.7	5411432.2
L4120.0	504118.7	5411431.3	68461.00000	309.63	0	48.855835	-86.943851	56234.45	56234.8	15.15	56249.60	56251.10938	56253.63874	56263.92969	504118.7	5411431.3
L4120.0	504118.7	5411431.3	68461.20313	308.22	0	48.855835	-86.943851	56234.32	56234.8	15.15	56249.47	56250.98438	56256.41398	56266.65625	504118.7	5411431.3
L4120.0	504119.0	5411429.0	68461.29688	307.57	0	48.855814	-86.943847	56234.17	56234.8	15.16	56249.32	56250.83984	56258.96411	56269.16016	504119.0	5411429.0

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4120.0	504119.0	5411429.0	68461.39844	308.45	0	48.855814	-86.943847	56233.64	56234.8	15.16	56248.80	56250.32031	56255.27262	56265.41797	504119.0	5411429.0
L4120.0	504119.1	5411428.0	68461.50000	308.66	0	48.855805	-86.943846	56233.56	56234.8	15.16	56248.72	56250.24609	56259.32175	56269.41406	504119.1	5411428.0
L4120.0	504119.1	5411428.0	68461.60156	308.45	0	48.855805	-86.943846	56232.91	56234.8	15.16	56248.08	56249.60938	56253.95570	56263.99609	504119.1	5411428.0
L4120.0	504119.2	5411426.9	68461.70313	307.36	0	48.855795	-86.943845	56232.46	56234.8	15.16	56247.63	56249.16016	56252.00988	56261.99219	504119.2	5411426.9
L4120.0	504119.3	5411426.1	68461.79688	307.78	0	48.855787	-86.943844	56231.87	56234.8	15.17	56247.03	56248.56250	56247.67226	56257.59766	504119.3	5411426.1
L4120.0	504119.4	5411424.7	68461.89844	310.82	0	48.855775	-86.943842	56231.23	56234.8	15.17	56246.40	56247.93750	56242.95516	56252.81641	504119.4	5411424.7
L4120.0	504119.4	5411424.7	68462.00000	312.48	0	48.855775	-86.943842	56230.66	56234.8	15.17	56245.83	56247.36719	56239.35913	56249.16016	504119.4	5411424.7
L4120.0	504119.5	5411423.4	68462.10156	312.95	0	48.855763	-86.943841	56230.72	56234.8	15.17	56245.89	56247.42969	56246.66309	56256.39844	504119.5	5411423.4
L4120.0	504119.6	5411422.2	68462.20313	312.15	0	48.855753	-86.943840	56230.45	56234.8	15.17	56245.62	56247.16016	56248.48467	56258.15234	504119.6	5411422.2
L4120.0	504119.6	5411421.3	68462.29688	312.72	0	48.855745	-86.943839	56230.54	56234.8	15.17	56245.71	56247.25391	56256.75084	56266.35156	504119.6	5411421.3
L4120.0	504119.6	5411421.3	68462.39844	311.90	0	48.855745	-86.943839	56230.12	56234.8	15.17	56245.29	56246.83594	56256.31696	56265.84375	504119.6	5411421.3
L4120.0	504119.7	5411420.1	68462.50000	310.63	0	48.855734	-86.943838	56229.57	56234.8	15.18	56244.75	56246.29688	56253.86826	56263.32422	504119.7	5411420.1
L4120.0	504119.7	5411418.8	68462.60156	310.87	0	48.855722	-86.943837	56228.58	56234.8	15.18	56243.75	56245.29688	56243.22272	56252.60156	504119.7	5411418.8
L4120.0	504119.7	5411418.8	68462.70313	310.01	0	48.855722	-86.943837	56227.62	56234.8	15.18	56242.79	56244.33984	56233.22293	56242.52734	504119.7	5411418.8
L4120.0	504119.8	5411417.3	68462.79688	309.76	0	48.855709	-86.943836	56227.48	56234.8	15.18	56242.66	56244.20703	56238.37658	56247.60156	504119.8	5411417.3
L4120.0	504119.9	5411416.3	68462.89844	310.27	0	48.855699	-86.943836	56227.38	56234.8	15.18	56242.55	56244.09766	56244.11731	56253.25781	504119.9	5411416.3
L4120.0	504119.9	5411416.3	68463.00000	310.71	0	48.855699	-86.943836	56227.26	56234.8	15.18	56242.44	56243.98828	56250.06401	56259.12500	504119.9	5411416.3
L4120.0	504119.9	5411415.2	68463.00000	310.71	0	48.855689	-86.943835	56226.82	56234.8	15.18	56242.00	56243.55078	56250.04657	56259.01953	504119.9	5411415.2
L4120.0	504119.9	5411414.1	68463.20313	311.84	0	48.855679	-86.943835	56226.66	56234.8	15.18	56241.84	56243.38672	56255.38063	56264.26563	504119.9	5411414.1
L4120.0	504119.9	5411414.1	68463.29688	313.69	0	48.855679	-86.943835	56226.03	56234.8	15.18	56241.21	56242.75781	56252.07022	56260.86719	504119.9	5411414.1
L4120.0	504120.0	5411412.5	68463.39844	316.04	0	48.855665	-86.943834	56225.41	56234.8	15.18	56240.60	56242.14844	56249.26245	56257.96875	504120.0	5411412.5
L4120.0	504120.0	5411411.6	68463.50000	315.58	0	48.855657	-86.943834	56224.83	56234.8	15.19	56240.02	56241.56641	56247.16017	56255.77344	504120.0	5411411.6
L4120.0	504120.0	5411410.5	68463.60156	313.64	0	48.855647	-86.943834	56223.93	56234.8	15.19	56239.12	56240.66406	56239.28261	56247.80469	504120.0	5411410.5
L4120.0	504120.0	5411410.5	68463.70313	312.32	0	48.855647	-86.943834	56223.47	56234.8	15.19	56238.66	56240.20313	56239.75423	56248.17969	504120.0	5411410.5
L4120.0	504120.0	5411409.2	68463.79688	311.11	0	48.855636	-86.943834	56222.86	56234.8	15.19	56238.05	56239.58984	56237.63812	56245.96484	504120.0	5411409.2
L4120.0	504120.0	5411407.9	68463.89844	311.45	0	48.855624	-86.943833	56223.07	56234.8	15.19	56238.26	56239.80078	56250.58796	56258.81250	504120.0	5411407.9
L4120.0	504120.1	5411406.8	68464.00000	308.93	0	48.855614	-86.943833	56222.43	56234.8	15.19	56237.62	56239.15625	56248.18489	56256.30859	504120.1	5411406.8
L4120.0	504120.1	5411406.8	68464.10156	309.36	0	48.855614	-86.943833	56221.44	56234.8	15.19	56236.63	56238.16406	56239.80205	56247.82422	504120.1	5411406.8
L4120.0	504120.1	5411405.2	68464.20313	310.56	0	48.855599	-86.943832	56220.41	56234.8	15.19	56235.60	56237.13281	56231.13468	56239.05078	504120.1	5411405.2
L4120.0	504120.1	5411404.0	68464.29688	310.82	0	48.855589	-86.943832	56219.98	56234.8	15.19	56235.17	56236.69922	56233.19228	56241.00391	504120.1	5411404.0
L4120.0	504120.2	5411402.9	68464.39844	309.97	0	48.855579	-86.943832	56219.68	56234.8	15.19	56234.87	56236.39844	56237.50910	56245.21094	504120.2	5411402.9
L4120.0	504120.2	5411402.9	68464.50000	308.76	0	48.855579	-86.943832	56219.36	56234.8	15.19	56234.55	56236.07422	56241.44622	56249.03906	504120.2	5411402.9
L4120.0	504120.2	5411401.8	68464.60156	308.21	0	48.855569	-86.943831	56218.76	56234.8	15.19	56233.95	56235.46875	56240.88868	56248.37109	504120.2	5411401.8
L4120.0	504120.2	5411400.5	68464.70313	308.95	0	48.855557	-86.943831	56218.42	56234.8	15.19	56233.61	56235.12500	56244.47206	56251.84375	504120.2	5411400.5
L4120.0	504120.2	5411400.5	68464.79688	309.29	0	48.855557	-86.943831	56217.94	56234.8	15.19	56233.13	56234.64063	56245.88841	56253.14453	504120.2	5411400.5
L4120.0	504120.3	5411399.0	68464.89844	308.98	0	48.855544	-86.943830	56216.81	56234.8	15.19	56232.00	56233.50781	56238.01564	56245.16016	504120.3	5411399.0
L4120.0	504120.3	5411397.8	68465.00000	308.24	0	48.855533	-86.943830	56215.98	56234.8	15.19	56231.17	56232.67188	56231.81554	56238.84375	504120.3	5411397.8
L4120.0	504120.3	5411397.8	68465.00000	308.24	0	48.855533	-86.943830	56215.33	56234.8	15.19	56230.52	56232.01953	56232.49788	56239.40625	504120.3	5411397.8
L4120.0	504120.3	5411396.5	68465.20313	307.19	0	48.855522	-86.943829	56214.59	56234.8	15.19	56229.78	56231.27344	56231.03207	56237.82031	504120.3	5411396.5
L4120.0	504120.4	5411395.3	68465.29688	306.46	0	48.855511	-86.943829	56213.96	56234.8	15.19	56229.15	56230.63672	56233.21107	56239.88281	504120.4	5411395.3
L4120.0	504120.4	5411395.3	68465.39844	306.38	0	48.855511	-86.943829	56213.14	56234.8	15.19	56228.33	56229.81250	56230.47301	56237.02344	504120.4	5411395.3
L4120.0	504120.4	5411393.7	68465.50000	305.52	0	48.855496	-86.943829	56212.12	56234.8	15.19	56227.31	56228.78516	56222.75308	56229.17969	504120.4	5411393.7
L4120.0	504120.4	5411392.6	68465.60156	304.45	0	48.855486	-86.943828	56211.48	56234.8	15.19	56226.67	56228.14063	56225.84029	56232.14453	504120.4	5411392.6
L4120.0	504120.4	5411391.4	68465.70313	302.22	0	48.855475	-86.943828	56210.84	56234.8	15.19	56226.03	56227.49609	56229.20504	56235.38672	504120.4	5411391.4
L4120.0	504120.4	5411391.4	68465.79688	301.33	0	48.855475	-86.943828	56209.84	56234.8	15.19	56225.03	56226.48828	56223.13230	56229.18750	504120.4	5411391.4
L4120.0	504120.5	5411388.7	68465.89844	301.50	0	48.855451	-86.943827	56208.72	56234.8	15.19	56223.91	56225.36328	56214.00036	56219.92969	504120.5	5411388.7
L4120.0	504120.5	5411388.7	68466.00000	303.23	0	48.855451	-86.943827	56207.63	56234.8	15.19	56222.82	56224.26563	56205.72860	56211.53125	504120.5	5411388.7
L4120.0	504120.5	5411387.6	68466.10156	304.73	0	48.855442	-86.943827	56207.59	56234.8	15.19	56222.78	56224.21875	56226.76815	56232.44531	504120.5	5411387.6
L4120.0	504120.5	5411387.6	68466.20313	306.48	0	48.855442	-86.943827	56206.82	56234.8	15.19	56222.01	56223.44141	56227.98816	56233.53516	504120.5	5411387.6
L4120.0	504120.6	5411386.2	68466.29688	307.53	0	48.855429	-86.943826	56206.35	56234.8	15.19	56221.54	56222.96484	56238.29322	56243.71484	504120.6	5411386.2
L4120.0	504120.6	5411384.8	68466.39844	307.62	0	48.855416	-86.943826	56205.31	56234.8	15.19	56220.50	56221.91406	56232.30004	56237.58984	504120.6	5411384.8
L4120.0	504120.6	5411384.8	68466.50000	309.00	0	48.855416	-86.943826	56204.48	56234.8	15.19	56219.67	56221.07813	56232.73939	56237.90234	504120.6	5411384.8
L4120.0	504120.6	5411383.3	68466.60156	308.10	0	48.855403	-86.943825	56202.88	56234.8	15.20	56218.07	56219.46875	56213.98815	56219.01953	504120.6	5411383.3
L4120.0	504120.7	5411381.8	68466.70313	310.68	0	48.855390	-86.943825	56201.91	56234.8	15.20	56217.11	56218.50000	56211.78257	56216.68359	504120.7	5411381.8
L4120.0	504120.7	5411380.3	68466.79688	310.17	0	48.855376	-86.943824	56201.21	56234.8	15.20	56216.41	56217.79297	56213.65332	56218.42578	504120.7	5411380.3
L4120.0	504120.7	5411380.3	68466.89844	310.03	0	48.855376	-86.943824	56200.26	56234.8	15.20	56215.46	56216.83594	56211.86056	56216.50000	504120.7	5411380.3
L4120.0	504120.7	5411379.1	68467.00000	312.35	0	48.855365	-86.943824	56199.73	56234.8	15.20	56214.93	56216.29688	56217.09190	56221.60156	504120.7	5411379.1
L4120.0	504120.7	5411379.1	68467.00000	312.35	0	48.855365	-86.943824	56198.65	56234.8	15.20	56213.85	56215.20703	56213.49170	56217.87109	504120.7	5411379.1
L4120.0	504120.7	5411377.2	68467.20313	311.79	0	48.855348	-86.943824	56198.08	56234.8	15.20	56213.27	56214.61719	56218.65030	56222.89844	504120.7	5411377.2
L4120.0	504120.8	5411376.3	68467.29688	310.17	0	48.855339	-86.943824	56196.22	56234.8	15.19	56211.42	56212.75781	56201.34555	56205.46094	504120.8	5411376.3
L4120.0	504120.8	5411374.8	68467.39844	309.77	0	48.855326	-86.943824	56195.75	56234.8	15.19	56210.95	56212.27734	56208.89247	56212.87891	504120.8	5411374.8
L4120.0	504120.8	5411373.3	68467.50000	307.64	0	48.855313	-86.943823	56194.54	56234.8	15.19	56209.72	56211.03906	56202.62234	56206.47656	504120.8	5411373.3
L4120.0	504120.8	5411373.3	68467.60156	307.71	0	48.855313	-86.943823	56193.75	56234.8	15.19	56208.93	56210.23828	56204.75518	56208.48047	504120.8	5411373.3
L4120.0	504120.8	5411371.9	68467.70313	309.13	0	48.855300	-86.943823	56193.26	56234.8	15.19	56208.45	56209.74609	56213.11513	56216.71094	504120.8	5411371.9
L4120.0	504120.9	5411370.7	68467.79688	309.51	0	48.855289	-86.943822	56192.34	56234.8	15.18	56207.52	56208.80859	56212.95171	56216.41797	504120.9	5411370.7
L4120.0	504120.9	5411370.7	68467.89844	310.05	0	48.855289	-86.943822	56191.20	56234.8	15.18	56206.38	56207.65625	56208.78925	56212.12500	504120.9	5411370.7
L4120.0	504120.9	5411369.3	68468.00000	312.08	0	48.855276	-86.943822	56189.32	56234.8	15.18	56204.50	56205.76563	56190.46404	56193.67188	504120.9	5411369.3
L4120.0	504120.9	5411369.3	68468.10156	313.96	0	48.855276	-86.943822	56188.82	56234.8	15.18	56204.00	56205.25391	56198.93362	56202.01172	504120.9	5411369.3
L4120.0	504121.0	5411368.0	68468.20313	313.91	0	48.855265	-86.943821	56187.88	56234.8	15.18	56203.06	56204.30469	56198.99742	56201.94922	504121.0	5411368.0
L4120.0	504121.0	5411366.7	68468.29688	313.37	0	48.855254	-86.943820	56187.02	56234.8	15.18	56202.20	56203.43359	56200.57095	56203.39453	504121.0	5411366.7
L4120.0	504121.1	5411365.4	68468.39844	313.68	0	48.855242	-86.943819	56185.58	56234.8	15.18	56200.76	56201.98047	56191.79442	56194.49219	504121.1	5411365.4
L4120.0	504121.2	5411364.2	68468.50000	313.23	0	48.855231	-86.943818	56184.74	56234.8	15.18	56199.92	56201.12891	56193.86487	56196.43750	504121.2	5411364.2
L4120.0	504121.2	5411364.2	68468.60156	315.13	0	48.855231	-86.943818	56183.56	56234.8	15.18	56198.74	56199.93750	56190.15821	56192.60547	504121.2	5411364.2
L4120.0	504121.3	5411362.5	68468.70313	314.24	0	48.855216	-86.943817	56182.90	56234.8	15.18	56198.08	56199.26563	56194.99546	56197.32031	504121.3	5411362.5
L4120.0	504121.3	5411361.1	68468.79688	312.61	0	48.855202	-86.943816	56181.02	56234.8	15.18	56196.20	56197.37500	56180.64927	56182.85156	504121.3	5411361.1
L4120.0	504121.3	5411361.1	68468.89844	310.01	0	48.855202	-86.943816	56179.78	56234.8	15.18	56194.96	56196.12109	56176.74592	56178.82813	504121.3	5411361.1
L4120.0	504121.4	5411359.4	68469.00000	308.84	0	48.855188	-86.943815	56179.21	56234.8	15.18	56194.39	56195.53906	56182.63364	56184.59375	504121.4	5411359.4
L4120.0	504121.5	5411358.1	68469.00000	308.84	0	48.855176	-86.943814	56177.94	56234.8	15.18	56193.12	56194.25781	56167.51635	56169.35547	504121.5	5411358.1
L4120.0	504121.5	5411358.1	68469.20313	301.75	0	48.855176	-86.943814	56177.47	56234.8	15.18	56192.66	56193.78516	56183.12615	56184.84766	504121.5	5411358.1
L4120.0	504121.6	5411356.6	68469.29688	301.58	0	48.855162	-86.943813	56176.31	56234.8	15.19	56191.49	56192.60156	56177.14553	56178.75391	504121.6	5411356.6
L4120.0	504121.6	5411354.8	68469.39844	300.09	0	48.855146	-86.943812	56176.37	56234.8	15.19	56191.56	56192.66016	56207.28338	56208.77734	504121.6	5411354.8
L4120.0	504121.6	5411354.8	68469.50000	298.57	0	48.855146	-86.943812	56175.67	56234.8	15.19	56190.86	56191.94531	56214.90809	56216.28516	504121.6	5411354.8
L4120.0	504121.7	5411353.6	68469.60156	298.58	0	48.855135	-86.943811	56174.92	56234.8	15.19	56190.11	56191.18359	56221.40339	56222.66797	504121.7	5411353.6
L4120.0	504121.7	5411353.6	68469.70313	298.93	0	48.855135	-86.943811	56172.98	56234.8	15.19	56188.18	56189.23828	56193.98980	56195.14453	504121.7	5411353.6
L4120.0	504121.8	5411351.9	68469.79688	302.69	0	48.855120	-86.943810	56170.73	56234.8	15.20	56185.92	56186.96484	56156.30488	56157.35156	504121.8	5411351.9
L4120.0	504121.8	5411350.0	68469.89844	304.34	0	48.855103	-86.943809	56169.34	56234.8	15.20	56184.54	56185.57422	56143.72854	56144.66797	504121.8	5411350.0
L4120.0	504121.9	5411348.9	68470.00000	306.86	0	48.855093	-86.943809	56168.43	56234.8	15.20	56183.63	56184.64844	56144.93912	56145.76953	504121.9	5411348.9
L4120.0	504121.9	5411347.9	68470.10156	308.50	0	48.855084	-86.943808	56168.63	56234.8	15.20	56183.83	56184.83594	56174.88605	56175.61328	504121.9	5411347.9
L4120.0	504121.9	5411347.9	68470.20313	308.60	0	48.855084	-86.943808	56167.46	56234.8	15.20	56182.66	56183.65234	56170.07623	56170.69922	504121.9	5411347.9
L4120.0	504122.0	5411346.1	68470.29688	312.09	0	48.855068	-86.943807	56166.99	56234.8	15.20	56182.19	56183.16797	56175.67161	56176.19531	504122.0	5411346.1
L4120.0	504122.0	5411344.6	68470.39844	312.89	0	48.855054	-86.943807	56164.91	56234.8	15.20	56180.11	56181.07422	56155.77405	56156.19922	504122.0	5411344.6
L4120.0	504122.0	5411344.6	68470.50000	313.07	0	48.855054	-86.943807	56164.31	56234.8	15.21	56179.52	56180.47266	56159.07192	56159.39844	504122.0	5411344.6
L4120.0	504122.1	5411343.3	68470.60156	314.44	0	48.855043	-86.943806	56162.91	56234.8	15.21	56178.12	56179.05859	56148.71949	56148.95313	504122.1	5411343.3

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4120.0	504122.1	5411342.0	68470.70313	314.04	0	48.855031	-86.943806	56162.23	56234.8	15.21	56177.43	56178.35547	56150.13338	56150.27344	504122.1	5411342.0
L4120.0	504122.1	5411340.6	68470.79688	314.56	0	48.855018	-86.943805	56161.75	56234.8	15.21	56176.95	56177.86328	56155.30678	56155.35547	504122.1	5411340.6
L4120.0	504122.1	5411340.6	68470.89844	315.97	0	48.855018	-86.943805	56160.84	56234.8	15.21	56176.05	56176.94922	56152.97097	56152.93359	504122.1	5411340.6
L4120.0	504122.2	5411338.7	68471.00000	313.68	0	48.855002	-86.943805	56160.52	56234.8	15.21	56175.73	56176.61328	56161.01414	56160.88672	504122.2	5411338.7
L4120.0	504122.2	5411337.3	68471.00000	313.68	0	48.854989	-86.943805	56158.94	56234.8	15.21	56174.15	56175.01953	56145.93393	56145.71875	504122.2	5411337.3
L4120.0	504122.2	5411337.3	68471.20313	312.12	0	48.854989	-86.943805	56159.02	56234.8	15.21	56174.23	56175.08594	56160.97296	56160.67578	504122.2	5411337.3
L4120.0	504122.2	5411335.6	68471.29688	310.16	0	48.854974	-86.943804	56157.27	56234.8	15.21	56172.48	56173.32031	56142.37953	56142.00391	504122.2	5411335.6
L4120.0	504122.2	5411335.6	68471.39844	306.86	0	48.854974	-86.943804	56157.25	56234.8	15.21	56172.45	56173.27734	56154.83508	56154.38281	504122.2	5411335.6
L4120.0	504122.3	5411334.0	68471.50000	306.70	0	48.854959	-86.943804	56156.18	56234.8	15.20	56171.39	56172.20313	56148.27262	56147.74219	504122.3	5411334.0
L4120.0	504122.3	5411332.6	68471.60156	307.70	0	48.854946	-86.943804	56155.73	56234.8	15.20	56170.94	56171.73828	56152.34984	56151.74219	504122.3	5411332.6
L4120.0	504122.3	5411332.6	68471.70313	306.59	0	48.854946	-86.943804	56155.29	56234.8	15.20	56170.50	56171.28516	56156.21350	56155.53516	504122.3	5411332.6
L4120.0	504122.3	5411331.0	68471.79688	308.64	0	48.854932	-86.943803	56153.86	56234.8	15.20	56169.06	56169.83203	56141.69940	56140.95313	504122.3	5411331.0
L4120.0	504122.3	5411329.3	68471.89844	306.78	0	48.854917	-86.943803	56153.79	56234.8	15.20	56168.99	56169.75000	56151.43237	56150.62109	504122.3	5411329.3
L4120.0	504122.3	5411328.2	68472.00000	305.96	0	48.854907	-86.943803	56152.16	56234.8	15.20	56167.36	56168.10547	56132.32785	56131.44922	504122.3	5411328.2
L4120.0	504122.3	5411328.2	68472.10156	305.93	0	48.854907	-86.943803	56152.44	56234.8	15.20	56167.64	56168.37109	56147.79684	56146.85156	504122.3	5411328.2
L4120.0	504122.4	5411326.6	68472.20313	306.65	0	48.854892	-86.943802	56151.56	56234.8	15.20	56166.76	56167.47656	56141.40752	56140.40234	504122.4	5411326.6
L4120.0	504122.4	5411325.6	68472.29688	306.24	0	48.854884	-86.943802	56151.25	56234.8	15.20	56166.45	56167.15234	56145.36955	56144.30859	504122.4	5411325.6
L4120.0	504122.4	5411325.6	68472.39844	308.13	0	48.854884	-86.943802	56150.67	56234.8	15.20	56165.87	56166.55859	56143.78949	56142.67578	504122.4	5411325.6
L4120.0	504122.4	5411323.9	68472.50000	309.29	0	48.854868	-86.943802	56149.82	56234.8	15.20	56165.02	56165.69531	56136.33711	56135.16797	504122.4	5411323.9
L4120.0	504122.4	5411322.6	68472.60156	311.96	0	48.854856	-86.943802	56149.71	56234.8	15.20	56164.91	56165.57031	56143.31513	56142.09375	504122.4	5411322.6
L4120.0	504122.4	5411322.6	68472.70313	313.22	0	48.854856	-86.943802	56148.84	56234.8	15.20	56164.04	56164.68750	56134.30003	56133.02734	504122.4	5411322.6
L4120.0	504122.4	5411321.0	68472.79688	314.73	0	48.854842	-86.943801	56148.48	56234.8	15.20	56163.68	56164.31641	56135.35712	56134.04297	504122.4	5411321.0
L4120.0	504122.5	5411319.4	68472.89844	318.96	0	48.854828	-86.943801	56147.48	56234.8	15.20	56162.68	56163.30078	56122.17327	56120.81250	504122.5	5411319.4
L4120.0	504122.5	5411317.9	68473.00000	319.68	0	48.854814	-86.943801	56147.91	56234.8	15.20	56163.11	56163.71875	56139.55815	56138.15625	504122.5	5411317.9
L4120.0	504122.5	5411317.9	68473.00000	319.68	0	48.854814	-86.943801	56146.38	56234.8	15.20	56161.57	56162.16406	56113.04721	56111.60156	504122.5	5411317.9
L4120.0	504122.5	5411316.3	68473.20313	319.59	0	48.854800	-86.943801	56146.12	56234.8	15.20	56161.32	56161.90234	56114.52315	56113.04297	504122.5	5411316.3
L4120.0	504122.5	5411316.3	68473.29688	318.87	0	48.854800	-86.943801	56145.99	56234.8	15.20	56161.19	56161.75781	56118.32604	56116.81250	504122.5	5411316.3
L4120.0	504122.5	5411314.6	68473.39844	318.64	0	48.854785	-86.943801	56145.96	56234.8	15.20	56161.16	56161.71484	56124.03691	56122.49219	504122.5	5411314.6
L4120.0	504122.5	5411313.2	68473.50000	316.86	0	48.854772	-86.943800	56145.99	56234.8	15.19	56161.19	56161.73047	56130.72594	56129.14844	504122.5	5411313.2
L4120.0	504122.5	5411313.2	68473.60156	313.38	0	48.854772	-86.943800	56145.82	56234.8	15.19	56161.01	56161.53906	56132.07309	56130.46484	504122.5	5411313.2
L4120.0	504122.5	5411311.7	68473.70313	310.10	0	48.854759	-86.943800	56145.92	56234.8	15.19	56161.11	56161.62500	56139.38196	56137.75000	504122.5	5411311.7
L4120.0	504122.5	5411310.6	68473.79688	309.81	0	48.854749	-86.943800	56144.29	56234.8	15.19	56159.49	56159.99219	56106.39759	56104.74609	504122.5	5411310.6
L4120.0	504122.6	5411309.2	68473.89844	308.96	0	48.854736	-86.943800	56145.16	56234.8	15.19	56160.35	56160.83984	56130.14035	56128.46484	504122.6	5411309.2
L4120.0	504122.6	5411307.7	68474.00000	308.92	0	48.854722	-86.943800	56144.78	56234.8	15.19	56159.97	56160.44922	56124.84092	56123.14844	504122.6	5411307.7
L4120.0	504122.6	5411307.7	68474.10156	311.94	0	48.854722	-86.943800	56145.26	56234.8	15.19	56160.45	56160.91797	56138.28988	56136.57813	504122.6	5411307.7
L4120.0	504122.6	5411305.9	68474.20313	312.47	0	48.854706	-86.943800	56144.47	56234.8	15.19	56159.66	56160.11328	56123.00876	56121.28516	504122.6	5411305.9
L4120.0	504122.6	5411304.6	68474.29688	312.01	0	48.854694	-86.943799	56144.40	56234.8	15.19	56159.59	56160.03125	56123.18688	56121.45313	504122.6	5411304.6
L4120.0	504122.6	5411303.4	68474.39844	311.80	0	48.854684	-86.943799	56144.52	56234.8	15.19	56159.71	56160.14063	56126.78201	56125.03516	504122.6	5411303.4
L4120.0	504122.6	5411303.4	68474.50000	313.79	0	48.854684	-86.943799	56144.48	56234.8	15.18	56159.66	56160.07813	56126.18276	56124.42969	504122.6	5411303.4
L4120.0	504122.6	5411302.0	68474.60156	314.38	0	48.854671	-86.943799	56144.70	56234.8	15.18	56159.88	56160.28516	56130.38596	56128.62500	504122.6	5411302.0
L4120.0	504122.6	5411300.6	68474.70313	315.20	0	48.854659	-86.943799	56144.23	56234.8	15.18	56159.41	56159.80469	56120.50430	56118.74219	504122.6	5411300.6
L4120.0	504122.6	5411300.6	68474.79688	314.21	0	48.854659	-86.943799	56144.68	56234.8	15.18	56159.86	56160.24219	56127.86748	56126.10547	504122.6	5411300.6
L4120.0	504122.6	5411299.1	68474.89844	312.93	0	48.854645	-86.943799	56144.39	56234.8	15.18	56159.58	56159.95313	56120.92007	56119.15625	504122.6	5411299.1
L4120.0	504122.6	5411297.5	68475.00000	311.95	0	48.854631	-86.943799	56144.96	56234.8	15.18	56160.14	56160.50000	56128.83063	56127.07031	504122.6	5411297.5
L4120.0	504122.7	5411295.7	68475.00000	311.95	0	48.854614	-86.943799	56144.85	56234.8	15.18	56160.03	56160.37891	56124.11213	56122.35547	504122.7	5411295.7
L4120.0	504122.7	5411295.7	68475.20313	311.65	0	48.854614	-86.943799	56145.64	56234.8	15.18	56160.82	56161.16016	56134.57139	56132.82031	504122.7	5411295.7
L4120.0	504122.7	5411293.9	68475.29688	311.03	0	48.854598	-86.943799	56145.74	56234.8	15.18	56160.92	56161.25000	56132.53203	56130.79297	504122.7	5411293.9
L4120.0	504122.7	5411293.9	68475.39844	309.48	0	48.854598	-86.943799	56145.59	56234.8	15.18	56160.77	56161.08594	56126.05352	56124.32422	504122.7	5411293.9
L4120.0	504122.7	5411292.7	68475.50000	306.72	0	48.854588	-86.943798	56146.07	56234.8	15.18	56161.25	56161.55859	56129.60709	56127.88672	504122.7	5411292.7
L4120.0	504122.7	5411291.0	68475.60156	304.83	0	48.854573	-86.943798	56146.47	56234.8	15.18	56161.65	56161.94531	56131.36823	56129.66406	504122.7	5411291.0
L4120.0	504122.7	5411289.6	68475.70313	305.66	0	48.854560	-86.943798	56147.33	56234.8	15.18	56162.51	56162.79688	56139.79132	56138.10156	504122.7	5411289.6
L4120.0	504122.7	5411288.4	68475.79688	305.15	0	48.854549	-86.943798	56147.76	56234.8	15.18	56162.94	56163.21875	56141.02204	56139.35156	504122.7	5411288.4
L4120.0	504122.7	5411287.3	68475.89844	304.42	0	48.854539	-86.943798	56148.38	56234.8	15.18	56163.56	56163.82813	56144.68916	56143.03906	504122.7	5411287.3
L4120.0	504122.7	5411287.3	68476.00000	304.15	0	48.854539	-86.943798	56148.47	56234.8	15.18	56163.65	56163.90625	56140.14941	56138.51953	504122.7	5411287.3
L4120.0	504122.8	5411286.1	68476.10156	306.20	0	48.854529	-86.943798	56149.27	56234.8	15.18	56164.46	56164.70703	56145.80524	56144.19922	504122.8	5411286.1
L4120.0	504122.8	5411286.1	68476.20313	306.87	0	48.854529	-86.943798	56149.94	56234.8	15.18	56165.13	56165.37109	56149.01965	56147.43750	504122.8	5411286.1
L4120.0	504122.8	5411284.5	68476.29688	308.49	0	48.854514	-86.943797	56150.57	56234.8	15.19	56165.75	56165.98047	56151.18087	56149.62500	504122.8	5411284.5
L4120.0	504122.8	5411283.3	68476.39844	309.68	0	48.854503	-86.943797	56151.15	56234.8	15.19	56166.34	56166.56250	56152.62450	56151.09766	504122.8	5411283.3
L4120.0	504122.8	5411281.9	68476.50000	309.60	0	48.854491	-86.943797	56151.64	56234.8	15.19	56166.83	56167.04297	56152.38706	56150.88672	504122.8	5411281.9
L4120.0	504122.8	5411280.4	68476.60156	309.70	0	48.854477	-86.943797	56152.47	56234.8	15.19	56167.66	56167.86328	56156.78486	56155.31641	504122.8	5411280.4
L4120.0	504122.8	5411280.4	68476.70313	307.87	0	48.854477	-86.943797	56152.27	56234.8	15.19	56167.46	56167.65625	56146.13145	56144.69531	504122.8	5411280.4
L4120.0	504122.8	5411278.9	68476.79688	308.78	0	48.854463	-86.943797	56153.04	56234.8	15.20	56168.24	56168.42969	56149.39985	56148.00000	504122.8	5411278.9
L4120.0	504122.8	5411277.4	68476.89844	309.59	0	48.854450	-86.943797	56153.70	56234.8	15.20	56168.90	56169.08203	56150.79900	56149.43359	504122.8	5411277.4
L4120.0	504122.8	5411277.4	68477.00000	307.43	0	48.854450	-86.943797	56154.92	56234.8	15.20	56170.12	56170.29297	56160.53197	56159.19922	504122.8	5411277.4
L4120.0	504122.8	5411276.1	68477.00000	307.43	0	48.854438	-86.943796	56155.25	56234.8	15.20	56170.45	56170.61328	56156.83997	56155.54297	504122.8	5411276.1
L4120.0	504122.8	5411274.5	68477.20313	306.69	0	48.854424	-86.943796	56156.46	56234.8	15.19	56171.65	56171.80859	56166.44140	56165.18750	504122.8	5411274.5
L4120.0	504122.8	5411274.5	68477.29688	308.25	0	48.854424	-86.943796	56156.77	56234.8	15.19	56171.96	56172.10938	56162.26124	56161.04688	504122.8	5411274.5
L4120.0	504122.8	5411272.6	68477.39844	309.07	0	48.854407	-86.943796	56157.18	56234.8	15.19	56172.36	56172.50391	56159.35709	56158.18359	504122.8	5411272.6
L4120.0	504122.9	5411271.0	68477.50000	309.22	0	48.854392	-86.943796	56157.96	56234.8	15.18	56173.14	56173.27734	56162.47164	56161.33984	504122.9	5411271.0
L4120.0	504122.9	5411269.6	68477.60156	310.01	0	48.854380	-86.943796	56158.49	56234.8	15.18	56173.67	56173.80078	56161.58020	56160.49219	504122.9	5411269.6
L4120.0	504122.9	5411267.7	68477.70313	310.68	0	48.854363	-86.943796	56159.55	56234.8	15.18	56174.73	56174.85156	56169.36309	56168.32031	504122.9	5411267.7
L4120.0	504122.9	5411267.7	68477.79688	310.36	0	48.854363	-86.943796	56160.31	56234.8	15.18	56175.49	56175.60547	56172.32796	56171.32813	504122.9	5411267.7
L4120.0	504122.9	5411266.0	68477.89844	309.56	0	48.854347	-86.943796	56160.88	56234.8	15.17	56176.06	56176.17188	56172.19278	56171.24219	504122.9	5411266.0
L4120.0	504122.8	5411264.4	68478.00000	309.20	0	48.854333	-86.943796	56160.89	56234.8	15.17	56176.06	56176.16406	56162.53647	56161.62891	504122.8	5411264.4
L4120.0	504122.8	5411264.4	68478.10156	309.63	0	48.854333	-86.943796	56162.02	56234.8	15.17	56177.19	56177.28906	56171.83163	56170.97266	504122.8	5411264.4
L4120.0	504122.8	5411262.7	68478.20313	309.69	0	48.854318	-86.943797	56162.39	56234.8	15.17	56177.56	56177.65234	56168.39398	56167.58594	504122.8	5411262.7
L4120.0	504122.8	5411261.5	68478.29688	311.32	0	48.854307	-86.943797	56163.62	56234.8	15.17	56178.78	56178.86719	56179.47643	56178.71875	504122.8	5411261.5
L4120.0	504122.8	5411261.5	68478.39844	313.09	0	48.854307	-86.943797	56163.42	56234.8	15.17	56178.59	56178.67188	56166.49496	56165.78906	504122.8	5411261.5
L4120.0	504122.8	5411259.8	68478.50000	310.62	0	48.854292	-86.943797	56164.18	56234.8	15.17	56179.35	56179.42969	56169.84514	56169.18750	504122.8	5411259.8
L4120.0	504122.8	5411258.2	68478.60156	309.80	0	48.854277	-86.943797	56163.92	56234.8	15.16	56179.08	56179.15234	56155.26232	56154.65625	504122.8	5411258.2
L4120.0	504122.8	5411257.1	68478.70313	309.67	0	48.854267	-86.943797	56164.87	56234.8	15.16	56180.03	56180.09766	56162.02369	56161.46875	504122.8	5411257.1
L4120.0	504122.8	5411257.1	68478.79688	308.78	0	48.854267	-86.943797	56165.19	56234.8	15.16	56180.35	56180.41406	56157.71055	56157.21094	504122.8	5411257.1
L4120.0	504122.8	5411254.9	68478.89844	309.96	0	48.854248	-86.943797	56166.41	56234.8	15.16	56181.57	56181.62891	56169.61421	56169.16797	504122.8	5411254.9
L4120.0	504122.8	5411254.9	68479.00000	309.92	0	48.854248	-86.943797	56167.34	56234.8	15.16	56182.50	56182.55469	56176.54695	56176.15234	504122.8	5411254.9
L4120.0	504122.8	5411253.6	68479.00000	309.92	0	48.854235	-86.943797	56167.72	56234.8	15.16	56182.88	56182.93359	56173.52225	56173.18359	504122.8	5411253.6
L4120.0	504122.8	5411252.4	68479.20313	309.07	0	48.854225	-86.943797	56168.32	56234.8	15.16	56183.48	56183.52734	56174.60709	56174.32422	504122.8	5411252.4
L4120.0	504122.8	5411250.8	68479.29688	309.34	0	48.854211	-86.943797	56168.20	56234.8	15.16	56183.36	56183.40625	56162.07881	56161.85156	504122.8	5411250.8
L4120.0	504122.8	5411249.4	68479.39844	312.05	0	48.854198	-86.943797	56169.54	56234.8	15.16	56184.70	56184.74219	56177.44972	56177.27734	504122.8	5411249.4
L4120.0	504122.8	5411249.4	68479.50000	313.37	0	48.854198	-86.943797	56170.16	56234.8	15.16	56185.32	56185.35938	56179.23315	56179.11719	504122.8	5411249.4
L4120.0	504122.9	5411248.0	68479.60156	312.86	0	48.854186	-86.943796	56171.48	56234.8	15.16	56186.64	56186.67578	56194.98152	56194.91797	504122.9	5411248.0
L4120.0	504122.9	5411246.4	68479.70313	312.63	0	48.854171	-86.943796	56171.34	56234.8	15.16	56186.50	56186.53125	56181.97699	56181.97266	504122.9	5411246.4
L4120.0	504122.9	5411246.4	68479.79688	312.99	0	48.854171	-86.943796	56171.72	56234.8	15.16	56186.88	56186.91016	56179.30118	56179.35156	504122.9	5411246.4
L4120.0	504122.9	5411244.6	68479.89844	312.14	0	48.854155	-86.943796	56171.97	56234.8	15.16	56187.13	56187.15625	56174.08617	56174.19531	504122.9	5411244.6

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4120.0	504122.9	5411243.0	68480.00000	313.03	0	48.854141	-86.943796	56172.01	56234.8	15.16	56187.17	56187.19531	56164.76157	56164.92578	504122.9	5411243.0
L4120.0	504122.9	5411243.0	68480.10156	314.19	0	48.854141	-86.943796	56173.16	56234.8	15.16	56188.32	56188.33984	56177.95272	56178.17188	504122.9	5411243.0
L4120.0	504122.9	5411241.5	68480.20313	313.70	0	48.854127	-86.943796	56173.38	56234.8	15.16	56188.54	56188.55859	56172.61646	56172.89453	504122.9	5411241.5
L4120.0	504122.9	5411240.3	68480.29688	313.44	0	48.854116	-86.943796	56174.78	56234.8	15.16	56189.93	56189.94531	56190.55438	56190.89063	504122.9	5411240.3
L4120.0	504122.9	5411238.7	68480.39844	313.16	0	48.854102	-86.943796	56174.91	56234.8	15.16	56190.06	56190.07422	56183.73276	56184.12500	504122.9	5411238.7
L4120.0	504122.9	5411238.7	68480.50000	314.80	0	48.854102	-86.943796	56175.50	56234.8	15.16	56190.66	56190.67188	56186.20092	56186.64844	504122.9	5411238.7
L4120.0	504122.9	5411237.6	68480.60156	314.10	0	48.854091	-86.943796	56175.16	56234.8	15.15	56190.31	56190.32031	56171.04230	56171.54688	504122.9	5411237.6
L4120.0	504122.9	5411235.5	68480.70313	314.70	0	48.854073	-86.943795	56175.64	56234.8	15.15	56190.80	56190.80859	56171.96172	56172.52344	504122.9	5411235.5
L4120.0	504122.9	5411234.1	68480.79688	312.96	0	48.854060	-86.943795	56176.12	56234.8	15.15	56191.27	56191.27734	56172.64491	56173.26563	504122.9	5411234.1
L4120.0	504122.9	5411234.1	68480.89844	311.76	0	48.854060	-86.943795	56177.08	56234.8	15.15	56192.23	56192.23828	56181.93882	56182.61328	504122.9	5411234.1
L4120.0	504123.0	5411232.7	68481.00000	309.54	0	48.854048	-86.943795	56178.25	56234.8	15.15	56193.40	56193.40625	56194.47103	56195.20313	504123.0	5411232.7
L4120.0	504123.0	5411231.1	68481.00000	309.54	0	48.854033	-86.943795	56178.48	56234.8	15.15	56193.63	56193.63672	56191.02057	56191.80469	504123.0	5411231.1
L4120.0	504123.0	5411229.4	68481.20313	305.30	0	48.854018	-86.943795	56179.34	56234.8	15.15	56194.49	56194.49609	56198.01322	56198.85547	504123.0	5411229.4
L4120.0	504123.0	5411229.4	68481.29688	305.65	0	48.854018	-86.943795	56178.87	56234.8	15.15	56194.02	56194.02344	56183.83192	56184.73047	504123.0	5411229.4
L4120.0	504123.0	5411227.7	68481.39844	303.88	0	48.854003	-86.943795	56179.91	56234.8	15.15	56195.06	56195.06250	56193.70086	56194.65234	504123.0	5411227.7
L4120.0	504123.0	5411227.7	68481.50000	302.58	0	48.854003	-86.943795	56180.12	56234.8	15.15	56195.27	56195.27344	56190.69572	56191.70313	504123.0	5411227.7
L4120.0	504123.0	5411226.1	68481.60156	302.58	0	48.853989	-86.943794	56180.68	56234.8	15.15	56195.83	56195.83203	56193.13820	56194.19922	504123.0	5411226.1
L4120.0	504123.1	5411224.7	68481.70313	303.59	0	48.853976	-86.943794	56180.90	56234.8	15.15	56196.05	56196.05078	56190.57405	56191.68750	504123.1	5411224.7
L4120.0	504123.1	5411224.7	68481.79688	306.39	0	48.853976	-86.943794	56181.02	56234.8	15.15	56196.17	56196.17188	56186.67271	56187.83984	504123.1	5411224.7
L4120.0	504123.1	5411223.4	68481.89844	307.58	0	48.853964	-86.943794	56181.94	56234.8	15.15	56197.09	56197.08984	56194.61438	56195.83594	504123.1	5411223.4
L4120.0	504123.1	5411221.5	68482.00000	307.57	0	48.853947	-86.943793	56182.39	56234.8	15.15	56197.54	56197.54297	56195.71592	56196.98828	504123.1	5411221.5
L4120.0	504123.1	5411219.8	68482.10156	307.17	0	48.853932	-86.943793	56183.62	56234.9	15.15	56198.77	56198.76953	56208.37418	56209.69922	504123.1	5411219.8
L4120.0	504123.1	5411219.8	68482.20313	309.00	0	48.853932	-86.943793	56183.43	56234.9	15.15	56198.58	56198.58203	56200.26146	56201.64063	504123.1	5411219.8
L4120.0	504123.1	5411218.5	68482.29688	311.89	0	48.853920	-86.943793	56184.17	56234.9	15.14	56199.31	56199.31250	56205.86413	56207.29297	504123.1	5411218.5
L4120.0	504123.1	5411216.9	68482.39844	312.93	0	48.853905	-86.943793	56184.06	56234.9	15.14	56199.20	56199.20313	56198.95034	56200.42969	504123.1	5411216.9
L4120.0	504123.1	5411214.9	68482.50000	314.66	0	48.853888	-86.943793	56184.52	56234.9	15.14	56199.66	56199.66406	56200.69279	56202.22266	504123.1	5411214.9
L4120.0	504123.1	5411214.9	68482.60156	312.42	0	48.853888	-86.943793	56184.46	56234.9	15.14	56199.60	56199.60156	56194.40140	56195.98047	504123.1	5411214.9
L4120.0	504123.1	5411213.9	68482.70313	310.96	0	48.853879	-86.943793	56184.57	56234.9	15.14	56199.71	56199.71484	56190.66730	56192.29688	504123.1	5411213.9
L4120.0	504123.1	5411212.1	68482.79688	309.17	0	48.853863	-86.943793	56185.04	56234.9	15.13	56200.18	56200.18359	56192.71880	56194.39844	504123.1	5411212.1
L4120.0	504123.1	5411212.1	68482.89844	308.84	0	48.853863	-86.943793	56185.20	56234.9	15.13	56200.33	56200.33594	56189.62563	56191.35156	504123.1	5411212.1
L4120.0	504123.1	5411211.1	68483.00000	309.54	0	48.853854	-86.943793	56186.01	56234.9	15.13	56201.14	56201.14453	56197.56585	56199.33984	504123.1	5411211.1
L4120.0	504123.1	5411209.4	68483.00000	309.54	0	48.853839	-86.943793	56185.86	56234.9	15.13	56200.99	56200.99609	56189.51714	56191.33594	504123.1	5411209.4
L4120.0	504123.1	5411208.0	68483.20313	310.18	0	48.853825	-86.943793	56186.64	56234.9	15.13	56201.77	56201.77734	56197.26737	56199.13281	504123.1	5411208.0
L4120.0	504123.1	5411208.0	68483.29688	308.99	0	48.853825	-86.943793	56186.70	56234.9	15.13	56201.82	56201.82813	56192.64717	56194.55859	504123.1	5411208.0
L4120.0	504123.1	5411206.5	68483.39844	308.60	0	48.853812	-86.943793	56186.98	56234.9	15.13	56202.11	56202.11719	56192.17443	56194.13281	504123.1	5411206.5
L4120.0	504123.1	5411205.1	68483.50000	309.64	0	48.853800	-86.943793	56186.72	56234.9	15.13	56201.85	56201.85938	56182.23324	56184.23438	504123.1	5411205.1
L4120.0	504123.1	5411205.1	68483.60156	309.61	0	48.853800	-86.943793	56187.39	56234.9	15.13	56202.52	56202.53125	56188.41387	56190.46094	504123.1	5411205.1
L4120.0	504123.1	5411203.3	68483.70313	310.70	0	48.853783	-86.943793	56188.03	56234.9	15.13	56203.16	56203.17188	56194.12690	56196.21484	504123.1	5411203.3
L4120.0	504123.1	5411201.7	68483.79688	310.96	0	48.853769	-86.943793	56188.35	56234.9	15.13	56203.48	56203.49219	56194.32397	56196.45703	504123.1	5411201.7
L4120.0	504123.1	5411200.3	68483.89844	309.85	0	48.853756	-86.943793	56188.93	56234.9	15.13	56204.06	56204.07422	56199.05406	56201.22656	504123.1	5411200.3
L4120.0	504123.1	5411200.3	68484.00000	308.98	0	48.853756	-86.943793	56189.12	56234.9	15.13	56204.25	56204.26563	56197.03929	56199.25391	504123.1	5411200.3
L4120.0	504123.1	5411198.8	68484.10156	310.29	0	48.853743	-86.943793	56189.96	56234.9	15.13	56205.08	56205.09766	56206.10365	56208.35938	504123.1	5411198.8
L4120.0	504123.1	5411196.8	68484.20313	309.79	0	48.853725	-86.943794	56189.67	56234.9	15.13	56204.79	56204.80859	56195.83763	56198.13281	504123.1	5411196.8
L4120.0	504123.1	5411196.8	68484.29688	312.43	0	48.853725	-86.943794	56190.06	56234.9	15.12	56205.18	56205.19922	56197.32344	56199.65625	504123.1	5411196.8
L4120.0	504123.1	5411195.4	68484.39844	312.78	0	48.853712	-86.943794	56189.76	56234.9	15.12	56204.88	56204.89844	56187.02283	56189.39453	504123.1	5411195.4
L4120.0	504123.1	5411195.4	68484.50000	312.69	0	48.853712	-86.943794	56190.07	56234.9	15.12	56205.19	56205.21094	56187.21331	56189.62500	504123.1	5411195.4
L4120.0	504123.0	5411193.6	68484.60156	312.36	0	48.853696	-86.943794	56190.48	56234.9	15.12	56205.60	56205.62109	56189.11606	56191.56250	504123.0	5411193.6
L4120.0	504123.0	5411191.7	68484.70313	311.77	0	48.853679	-86.943795	56191.22	56234.9	15.12	56206.33	56206.35156	56196.36816	56198.85156	504123.0	5411191.7
L4120.0	504123.0	5411191.7	68484.79688	310.38	0	48.853679	-86.943795	56192.11	56234.9	15.11	56207.22	56207.24609	56206.16051	56208.67969	504123.0	5411191.7
L4120.0	504123.0	5411190.0	68484.89844	311.45	0	48.853664	-86.943795	56192.41	56234.9	15.11	56207.53	56207.55469	56206.25669	56208.81250	504123.0	5411190.0
L4120.0	504123.0	5411188.5	68485.00000	309.22	0	48.853650	-86.943796	56192.91	56234.9	15.11	56208.02	56208.04688	56209.27141	56211.86328	504123.0	5411188.5
L4120.0	504123.0	5411188.5	68485.00000	309.22	0	48.853650	-86.943796	56192.97	56234.9	15.11	56208.08	56208.10938	56205.34663	56207.96875	504123.0	5411188.5
L4120.0	504122.9	5411187.1	68485.20313	308.55	0	48.853637	-86.943796	56193.59	56234.9	15.11	56208.70	56208.73047	56210.35755	56213.01563	504122.9	5411187.1
L4120.0	504122.9	5411187.1	68485.29688	307.65	0	48.853637	-86.943796	56193.75	56234.9	15.11	56208.85	56208.87891	56207.94039	56210.62891	504122.9	5411187.1
L4120.0	504122.8	5411183.8	68485.39844	307.37	0	48.853608	-86.943797	56193.94	56234.9	15.11	56209.04	56209.07031	56206.21642	56208.93750	504122.8	5411183.8
L4120.0	504122.8	5411183.8	68485.50000	307.05	0	48.853608	-86.943797	56194.25	56234.9	15.10	56209.36	56209.39453	56206.51049	56209.26172	504122.8	5411183.8
L4120.0	504122.8	5411182.1	68485.60156	309.96	0	48.853593	-86.943798	56194.54	56234.9	15.10	56209.64	56209.67578	56206.21206	56208.99609	504122.8	5411182.1
L4120.0	504122.8	5411182.1	68485.70313	309.11	0	48.853593	-86.943798	56195.18	56234.9	15.10	56210.28	56210.31641	56211.18798	56214.00000	504122.8	5411182.1
L4120.0	504122.8	5411180.1	68485.79688	309.36	0	48.853575	-86.943798	56195.22	56234.9	15.10	56210.32	56210.35547	56207.39092	56210.23047	504122.8	5411180.1
L4120.0	504122.8	5411178.6	68485.89844	309.79	0	48.853562	-86.943798	56195.82	56234.9	15.10	56210.92	56210.95703	56211.66884	56214.53906	504122.8	5411178.6
L4120.0	504122.8	5411178.6	68486.00000	307.57	0	48.853562	-86.943798	56195.52	56234.9	15.10	56210.62	56210.65625	56197.41644	56200.31250	504122.8	5411178.6
L4120.0	504122.8	5411176.7	68486.10156	308.00	0	48.853544	-86.943799	56196.15	56234.9	15.10	56211.25	56211.28906	56208.58275	56211.50781	504122.8	5411176.7
L4120.0	504122.7	5411175.4	68486.20313	305.62	0	48.853532	-86.943799	56196.16	56234.9	15.10	56211.26	56211.30078	56200.70076	56203.65234	504122.7	5411175.4
L4120.0	504122.7	5411175.4	68486.29688	306.17	0	48.853532	-86.943799	56196.38	56234.9	15.10	56211.47	56211.51172	56198.93013	56201.90625	504122.7	5411175.4
L4120.0	504122.7	5411173.4	68486.39844	306.05	0	48.853515	-86.943799	56196.91	56234.9	15.10	56212.00	56212.04297	56206.57364	56209.57422	504122.7	5411173.4
L4120.0	504122.7	5411172.0	68486.50000	305.62	0	48.853502	-86.943799	56197.26	56234.9	15.09	56212.36	56212.40234	56208.88816	56211.91406	504122.7	5411172.0
L4120.0	504122.7	5411170.5	68486.60156	306.13	0	48.853488	-86.943798	56198.06	56234.9	15.09	56213.15	56213.19531	56223.40771	56226.45703	504122.7	5411170.5
L4120.0	504122.7	5411170.5	68486.70313	305.80	0	48.853488	-86.943799	56197.65	56234.9	15.09	56212.74	56212.78516	56203.00917	56206.08203	504122.7	5411170.5
L4120.0	504122.7	5411168.6	68486.79688	308.02	0	48.853472	-86.943799	56198.14	56234.9	15.09	56213.23	56213.27344	56208.32891	56211.42188	504122.7	5411168.6
L4120.0	504122.7	5411167.2	68486.89844	310.85	0	48.853459	-86.943799	56197.59	56234.9	15.09	56212.68	56212.72656	56184.33144	56187.44531	504122.7	5411167.2
L4120.0	504122.7	5411167.2	68487.00000	311.93	0	48.853459	-86.943799	56198.74	56234.9	15.09	56213.83	56213.87500	56207.49965	56210.63672	504122.7	5411167.2
L4120.0	504122.7	5411165.8	68487.00000	311.93	0	48.853446	-86.943799	56198.83	56234.9	15.09	56213.92	56213.96484	56201.10829	56204.26563	504122.7	5411165.8
L4120.0	504122.7	5411164.1	68487.20313	311.12	0	48.853431	-86.943799	56200.02	56234.9	15.09	56215.11	56215.15625	56224.37006	56227.54688	504122.7	5411164.1
L4120.0	504122.7	5411164.1	68487.29688	310.26	0	48.853431	-86.943799	56200.27	56234.9	15.09	56215.36	56215.40625	56221.98755	56225.18359	504122.7	5411164.1
L4120.0	504122.7	5411162.5	68487.39844	308.31	0	48.853416	-86.943799	56200.43	56234.9	15.09	56215.52	56215.56641	56217.12316	56220.33594	504122.7	5411162.5
L4120.0	504122.7	5411161.4	68487.50000	307.85	0	48.853406	-86.943800	56200.86	56234.9	15.09	56215.95	56216.00000	56219.46159	56222.69531	504122.7	5411161.4
L4120.0	504122.7	5411161.4	68487.60156	304.19	0	48.853406	-86.943800	56200.38	56234.9	15.09	56215.47	56215.51953	56196.84841	56200.09766	504122.7	5411161.4
L4120.0	504122.6	5411159.9	68487.70313	303.94	0	48.853393	-86.943800	56201.36	56234.9	15.09	56216.45	56216.50000	56214.07797	56217.34375	504122.6	5411159.9
L4120.0	504122.6	5411157.9	68487.79688	304.86	0	48.853375	-86.943801	56201.16	56234.9	15.09	56216.25	56216.30078	56198.37088	56201.65234	504122.6	5411157.9
L4120.0	504122.6	5411157.9	68487.89844	304.38	0	48.853375	-86.943801	56202.42	56234.9	15.09	56217.51	56217.55859	56224.12295	56227.42188	504122.6	5411157.9
L4120.0	504122.6	5411156.5	68488.00000	303.44	0	48.853362	-86.943801	56202.20	56234.9	15.09	56217.28	56217.32813	56206.81624	56210.13281	504122.6	5411156.5
L4120.0	504122.5	5411155.1	68488.10156	303.74	0	48.853349	-86.943802	56203.08	56234.9	15.09	56218.17	56218.21875	56222.49492	56225.82422	504122.5	5411155.1
L4120.0	504122.5	5411152.9	68488.20313	304.17	0	48.853330	-86.943803	56202.57	56234.9	15.09	56217.67	56217.71875	56195.65158	56198.99609	504122.5	5411152.9
L4120.0	504122.5	5411152.9	68488.29688	304.60	0	48.853330	-86.943803	56203.39	56234.9	15.10	56218.48	56218.52734	56210.87104	56214.22656	504122.5	5411152.9
L4120.0	504122.4	5411151.1	68488.39844	306.99	0	48.853314	-86.943803	56203.77	56234.9	15.10	56218.86	56218.91016	56211.02378	56214.39453	504122.4	5411151.1
L4120.0	504122.4	5411149.9	68488.50000	309.66	0	48.853303	-86.943803	56204.24	56234.9	15.10	56219.34	56219.38672	56212.59848	56215.98047	504122.4	5411149.9
L4120.0	504122.4	5411149.9	68488.60156	309.41	0	48.853303	-86.943803	56204.98	56234.9	15.10	56220.09	56220.13672	56218.19228	56221.58984	504122.4	5411149.9
L4120.0	504122.4	5411148.7	68488.70313	309.89	0	48.853292	-86.943803	56204.90	56234.9	15.10	56220.00	56220.04688	56211.09643	56214.50391	504122.4	5411148.7
L4120.0	504122.4	5411148.7	68488.79688	313.07	0	48.853292	-86.943803	56206.12	56234.9	15.11	56221.23	56221.27734	56223.85979	56227.27734	504122.4	5411148.7
L4120.0	504122.4	5411145.4	68488.89844	313.82	0	48.853263	-86.943803	56205.76	56234.9	15.11	56220.87	56220.91797	56212.46053	56215.89063	504122.4	5411145.4
L4120.0	504122.4	5411145.4	68489.00000	312.90	0	48.853263	-86.943803	56206.63	56234.9	15.11	56221.74	56221.78516	56219.58716	56223.02734	504122.4	5411145.4
L4120.0	504122.5	5411144.0	68489.00000	312.90	0	48.853250	-86.943803	56206.31	56234.9	15.11	56221.42	56221.46484	56208.68344	56212.13672	504122.5	5411144.0
L4120.0	504122.5	5411144.0	68489.20313	312.65	0	48.853250	-86.943803	56207.16	56234.9	15.10	56222.26	56222.30469	56215.12172	56218.58203	504122.5	5411144.0

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4120.0	504122.5	5411142.4	68489.29688	310.98	0	48.853235	-86.943803	56207.73	56234.9	15.10	56222.83	56222.87500	56217.37237	56220.84375	504122.5	5411142.4
L4120.0	504122.5	5411140.8	68489.39844	310.82	0	48.853221	-86.943802	56208.49	56234.9	15.10	56223.59	56223.63281	56222.27326	56225.75391	504122.5	5411140.8
L4120.0	504122.5	5411139.2	68489.50000	309.65	0	48.853207	-86.943802	56209.18	56234.9	15.10	56224.28	56224.32422	56225.96655	56229.45703	504122.5	5411139.2
L4120.0	504122.5	5411139.2	68489.60156	309.23	0	48.853207	-86.943802	56208.70	56234.9	15.09	56223.79	56223.83203	56212.46085	56215.96094	504122.5	5411139.2
L4120.0	504122.6	5411137.8	68489.70313	308.04	0	48.853194	-86.943801	56209.26	56234.9	15.09	56224.35	56224.39063	56214.09432	56217.60156	504122.6	5411137.8
L4120.0	504122.6	5411137.8	68489.79688	306.15	0	48.853194	-86.943801	56209.18	56234.9	15.09	56224.27	56224.31250	56206.48821	56210.00000	504122.6	5411137.8
L4120.0	504122.6	5411135.9	68489.89844	302.09	0	48.853177	-86.943801	56210.54	56234.9	15.08	56225.62	56225.66016	56219.07570	56222.59766	504122.6	5411135.9
L4120.0	504122.7	5411134.3	68490.00000	300.20	0	48.853163	-86.943800	56210.64	56234.9	15.08	56225.72	56225.75781	56208.67942	56212.20703	504122.7	5411134.3
L4120.0	504122.7	5411132.9	68490.10156	302.05	0	48.853150	-86.943800	56211.61	56234.9	15.08	56226.69	56226.72656	56223.27669	56226.81250	504122.7	5411132.9
L4120.0	504122.7	5411132.9	68490.20313	301.15	0	48.853150	-86.943800	56212.34	56234.9	15.08	56227.42	56227.45703	56230.11506	56233.65625	504122.7	5411132.9
L4120.0	504122.7	5411131.5	68490.29688	302.04	0	48.853137	-86.943799	56212.72	56234.9	15.08	56227.80	56227.83594	56225.85863	56229.40625	504122.7	5411131.5
L4120.0	504122.7	5411130.1	68490.39844	305.02	0	48.853125	-86.943799	56213.60	56234.9	15.08	56228.68	56228.71484	56227.64199	56231.19531	504122.7	5411130.1
L4120.0	504122.8	5411128.8	68490.50000	306.16	0	48.853113	-86.943799	56213.58	56234.9	15.08	56228.66	56228.69531	56220.04765	56223.60938	504122.8	5411128.8
L4120.0	504122.8	5411128.8	68490.60156	308.41	0	48.853113	-86.943799	56214.92	56234.9	15.08	56230.00	56230.03125	56231.74957	56235.31641	504122.8	5411128.8
L4120.0	504122.8	5411127.2	68490.70313	310.41	0	48.853098	-86.943799	56214.74	56234.9	15.08	56229.82	56229.85156	56221.44854	56225.01953	504122.8	5411127.2
L4120.0	504122.8	5411125.6	68490.79688	309.62	0	48.853084	-86.943798	56216.11	56234.9	15.08	56231.19	56231.21875	56233.72891	56237.30469	504122.8	5411125.6
L4120.0	504122.8	5411124.3	68490.89844	310.97	0	48.853073	-86.943798	56215.79	56234.9	15.08	56230.87	56230.89844	56220.72833	56224.30859	504122.8	5411124.3
L4120.0	504122.8	5411124.3	68491.00000	313.08	0	48.853073	-86.943798	56216.48	56234.9	15.08	56231.56	56231.58594	56222.71447	56226.30078	504122.8	5411124.3
L4120.0	504122.9	5411122.7	68491.00000	313.08	0	48.853058	-86.943798	56216.46	56234.9	15.08	56231.54	56231.56641	56213.38495	56216.97266	504122.9	5411122.7
L4120.0	504122.9	5411122.7	68491.20313	312.19	0	48.853058	-86.943798	56217.09	56234.9	15.08	56232.17	56232.19531	56214.08817	56217.67969	504122.9	5411122.7
L4120.0	504122.9	5411120.5	68491.29688	312.33	0	48.853038	-86.943797	56217.96	56234.9	15.08	56233.04	56233.06250	56218.76314	56222.35938	504122.9	5411120.5
L4120.0	504122.9	5411119.3	68491.39844	311.53	0	48.853028	-86.943797	56218.84	56234.9	15.08	56233.92	56233.94141	56223.78267	56227.37891	504122.9	5411119.3
L4120.0	504122.9	5411118.2	68491.50000	309.43	0	48.853018	-86.943797	56220.13	56234.9	15.08	56235.21	56235.23047	56236.13147	56239.73438	504122.9	5411118.2
L4120.0	504122.9	5411118.2	68491.60156	309.49	0	48.853018	-86.943797	56220.56	56234.9	15.08	56235.64	56235.66016	56233.62326	56237.22656	504122.9	5411118.2
L4120.0	504122.9	5411116.4	68491.70313	308.41	0	48.853002	-86.943796	56222.10	56234.9	15.08	56237.18	56237.19922	56250.88981	56254.49609	504122.9	5411116.4
L4120.0	504123.0	5411115.0	68491.79688	307.86	0	48.852989	-86.943796	56222.32	56234.9	15.08	56237.40	56237.41797	56244.56470	56248.17188	504123.0	5411115.0
L4120.0	504123.0	5411115.0	68491.89844	308.56	0	48.852989	-86.943796	56222.43	56234.9	15.08	56237.51	56237.52344	56236.13798	56239.74609	504123.0	5411115.0
L4120.0	504123.0	5411113.3	68492.00000	308.44	0	48.852974	-86.943796	56222.33	56234.9	15.08	56237.41	56237.42188	56223.90135	56227.51172	504123.0	5411113.3
L4120.0	504123.0	5411111.5	68492.10156	309.01	0	48.852957	-86.943796	56223.04	56234.9	15.08	56238.12	56238.13281	56226.34917	56229.96094	504123.0	5411111.5
L4120.0	504123.0	5411111.5	68492.20313	310.24	0	48.852957	-86.943796	56224.11	56234.9	15.08	56239.19	56239.19922	56235.26304	56238.87500	504123.0	5411111.5
L4120.0	504123.0	5411109.8	68492.29688	310.88	0	48.852942	-86.943796	56224.70	56234.9	15.08	56239.79	56239.80078	56235.74652	56239.35938	504123.0	5411109.8
L4120.0	504123.0	5411108.3	68492.39844	312.39	0	48.852929	-86.943796	56225.88	56234.9	15.08	56240.96	56240.96875	56246.30562	56249.91797	504123.0	5411108.3
L4120.0	504123.0	5411108.3	68492.50000	312.48	0	48.852929	-86.943796	56226.11	56234.9	15.08	56241.19	56241.19531	56240.32171	56243.93359	504123.0	5411108.3
L4120.0	504123.0	5411107.2	68492.60156	311.34	0	48.852919	-86.943796	56227.00	56234.9	15.09	56242.09	56242.09375	56246.07098	56249.68359	504123.0	5411107.2
L4120.0	504123.0	5411105.3	68492.70313	312.74	0	48.852902	-86.943796	56227.17	56234.9	15.09	56242.26	56242.26172	56239.31027	56242.92188	504123.0	5411105.3
L4120.0	504123.0	5411103.9	68492.79688	311.61	0	48.852890	-86.943796	56227.94	56234.9	15.09	56243.03	56243.03125	56242.88133	56246.49219	504123.0	5411103.9
L4120.0	504123.0	5411103.9	68492.89844	310.34	0	48.852890	-86.943796	56228.68	56234.9	15.09	56243.77	56243.76953	56245.93969	56249.54688	504123.0	5411103.9
L4120.0	504123.0	5411102.4	68493.00000	310.08	0	48.852876	-86.943796	56229.12	56234.9	15.09	56244.21	56244.20703	56244.07262	56247.67969	504123.0	5411102.4
L4120.0	504123.0	5411102.4	68493.00000	310.08	0	48.852876	-86.943796	56229.77	56234.9	15.09	56244.86	56244.85547	56245.73629	56249.34375	504123.0	5411102.4
L4120.0	504122.9	5411100.7	68493.20313	313.22	0	48.852860	-86.943797	56230.37	56234.9	15.09	56245.45	56245.44531	56246.47941	56250.08203	504122.9	5411100.7
L4120.0	504122.9	5411099.4	68493.29688	308.63	0	48.852848	-86.943797	56231.44	56234.9	15.09	56246.53	56246.52344	56255.02181	56258.62109	504122.9	5411099.4
L4120.0	504122.9	5411099.4	68493.39844	307.50	0	48.852848	-86.943797	56231.52	56234.9	15.09	56246.60	56246.59375	56247.69183	56251.28906	504122.9	5411099.4
L4120.0	504122.9	5411096.6	68493.50000	305.36	0	48.852824	-86.943797	56232.45	56234.9	15.08	56247.54	56247.53125	56254.03504	56257.62891	504122.9	5411096.6
L4120.0	504122.9	5411096.6	68493.60156	304.12	0	48.852824	-86.943797	56232.41	56234.9	15.08	56247.50	56247.48828	56245.36134	56248.95313	504122.9	5411096.6
L4120.0	504122.9	5411095.1	68493.70313	303.57	0	48.852810	-86.943797	56232.96	56234.9	15.08	56248.04	56248.02734	56245.70234	56249.28906	504122.9	5411095.1
L4120.0	504122.9	5411093.2	68493.79688	304.46	0	48.852793	-86.943797	56233.54	56234.9	15.08	56248.62	56248.60547	56246.71357	56250.29688	504122.9	5411093.2
L4120.0	504122.9	5411093.2	68493.89844	305.28	0	48.852793	-86.943797	56234.24	56234.9	15.08	56249.32	56249.30469	56249.62204	56253.19922	504122.9	5411093.2
L4120.0	504122.9	5411091.7	68494.00000	307.35	0	48.852780	-86.943798	56235.11	56234.9	15.08	56250.19	56250.17578	56255.25628	56258.82813	504122.9	5411091.7
L4120.0	504122.9	5411090.6	68494.10156	307.26	0	48.852770	-86.943798	56235.26	56234.9	15.08	56250.34	56250.32422	56249.84316	56253.41016	504122.9	5411090.6
L4120.0	504122.9	5411090.6	68494.20313	305.80	0	48.852770	-86.943798	56235.88	56234.9	15.08	56250.96	56250.94141	56251.78894	56255.35156	504122.9	5411090.6
L4120.0	504122.9	5411089.1	68494.29688	305.48	0	48.852756	-86.943798	56235.77	56234.9	15.08	56250.85	56250.82813	56242.01237	56245.57031	504122.9	5411089.1
L4120.0	504122.9	5411087.9	68494.39844	306.02	0	48.852745	-86.943798	56236.95	56234.9	15.08	56252.03	56252.00781	56253.25679	56256.80469	504122.9	5411087.9
L4120.0	504122.9	5411087.9	68494.50000	306.79	0	48.852745	-86.943798	56237.41	56234.9	15.07	56252.48	56252.45703	56252.66775	56256.21094	504122.9	5411087.9
L4120.0	504122.9	5411086.5	68494.60156	306.66	0	48.852733	-86.943798	56238.06	56234.9	15.07	56253.13	56253.10547	56255.58420	56259.12109	504122.9	5411086.5
L4120.0	504122.8	5411084.9	68494.70313	309.60	0	48.852718	-86.943798	56238.27	56234.9	15.07	56253.35	56253.32422	56251.00009	56254.53125	504122.8	5411084.9
L4120.0	504122.8	5411084.9	68494.79688	310.02	0	48.852718	-86.943798	56238.84	56234.9	15.07	56253.91	56253.88281	56252.46652	56255.98828	504122.8	5411084.9
L4120.0	504122.8	5411083.2	68494.89844	311.92	0	48.852703	-86.943799	56239.68	56234.9	15.07	56254.75	56254.72266	56259.27932	56262.79297	504122.8	5411083.2
L4120.0	504122.8	5411081.4	68495.00000	314.51	0	48.852687	-86.943799	56239.45	56234.9	15.07	56254.52	56254.49219	56246.04397	56249.54688	504122.8	5411081.4
L4120.0	504122.8	5411080.0	68495.00000	314.51	0	48.852675	-86.943799	56240.29	56234.9	15.07	56255.36	56255.33203	56253.11012	56256.60547	504122.8	5411080.0
L4120.0	504122.8	5411080.0	68495.20313	316.88	0	48.852675	-86.943799	56240.75	56234.9	15.07	56255.82	56255.78906	56253.00111	56256.48828	504122.8	5411080.0
L4120.0	504122.8	5411078.6	68495.29688	315.82	0	48.852662	-86.943799	56241.95	56234.9	15.07	56257.02	56256.98828	56267.65234	56271.12891	504122.8	5411078.6
L4120.0	504122.8	5411076.4	68495.39844	314.95	0	48.852642	-86.943799	56242.14	56234.9	15.07	56257.21	56257.17578	56262.40046	56265.86719	504122.8	5411076.4
L4120.0	504122.8	5411076.4	68495.50000	314.38	0	48.852642	-86.943799	56242.46	56234.9	15.07	56257.53	56257.49609	56259.73612	56263.19141	504122.8	5411076.4
L4120.0	504122.8	5411075.1	68495.60156	314.70	0	48.852630	-86.943799	56242.38	56234.9	15.07	56257.45	56257.41406	56249.00083	56252.44922	504122.8	5411075.1
L4120.0	504122.8	5411073.8	68495.70313	313.61	0	48.852618	-86.943799	56242.79	56234.9	15.07	56257.86	56257.82422	56248.24672	56251.68359	504122.8	5411073.8
L4120.0	504122.8	5411072.0	68495.79688	310.93	0	48.852602	-86.943800	56243.88	56234.9	15.07	56258.95	56258.91406	56261.35864	56264.78125	504122.8	5411072.0
L4120.0	504122.8	5411072.0	68495.89844	308.72	0	48.852602	-86.943800	56244.55	56234.9	15.07	56259.62	56259.58203	56265.99683	56269.40625	504122.8	5411072.0
L4120.0	504122.8	5411070.6	68496.00000	308.57	0	48.852589	-86.943800	56245.24	56234.9	15.07	56260.31	56260.26953	56271.05193	56274.44922	504122.8	5411070.6
L4120.0	504122.8	5411068.7	68496.10156	309.32	0	48.852573	-86.943800	56245.38	56234.9	15.07	56260.44	56260.40234	56264.97177	56268.35938	504122.8	5411068.7
L4120.0	504122.8	5411068.7	68496.20313	310.00	0	48.852573	-86.943800	56246.06	56234.9	15.06	56261.12	56261.07813	56269.89683	56273.26953	504122.8	5411068.7
L4120.0	504122.8	5411067.2	68496.29688	309.69	0	48.852559	-86.943799	56245.91	56234.9	15.06	56260.97	56260.92969	56258.64149	56262.00000	504122.8	5411067.2
L4120.0	504122.8	5411067.2	68496.39844	310.20	0	48.852559	-86.943799	56246.52	56234.9	15.06	56261.58	56261.53906	56262.34912	56265.69531	504122.8	5411067.2
L4120.0	504122.8	5411065.3	68496.50000	310.64	0	48.852542	-86.943800	56247.09	56234.9	15.06	56262.14	56262.09766	56265.11482	56268.44531	504122.8	5411065.3
L4120.0	504122.8	5411064.1	68496.60156	310.05	0	48.852531	-86.943800	56247.54	56234.9	15.05	56262.59	56262.54688	56265.83849	56269.15625	504122.8	5411064.1
L4120.0	504122.8	5411064.1	68496.70313	309.60	0	48.852531	-86.943800	56248.13	56235	15.05	56263.18	56263.13672	56269.26651	56272.57031	504122.8	5411064.1
L4120.0	504122.8	5411063.0	68496.79688	313.00	0	48.852521	-86.943800	56248.36	56235	15.05	56263.40	56263.35547	56265.84545	56269.13281	504122.8	5411063.0
L4120.0	504122.8	5411061.4	68496.89844	312.72	0	48.852507	-86.943800	56249.18	56235	15.04	56264.22	56264.17578	56273.68321	56276.95313	504122.8	5411061.4
L4120.0	504122.7	5411059.5	68497.00000	309.40	0	48.852490	-86.943800	56249.07	56235	15.04	56264.11	56264.06641	56264.35423	56267.60938	504122.7	5411059.5
L4120.0	504122.7	5411059.5	68497.00000	309.40	0	48.852490	-86.943800	56249.77	56235	15.04	56264.81	56264.76563	56270.11150	56273.34766	504122.7	5411059.5
L4120.0	504122.8	5411058.5	68497.20313	311.82	0	48.852480	-86.943800	56249.53	56235	15.04	56264.57	56264.52344	56258.59171	56261.81250	504122.8	5411058.5
L4120.0	504122.7	5411057.1	68497.29688	312.88	0	48.852468	-86.943800	56250.10	56235	15.04	56265.14	56265.09375	56262.10457	56265.30859	504122.7	5411057.1
L4120.0	504122.7	5411057.1	68497.39844	313.63	0	48.852468	-86.943800	56250.12	56235	15.04	56265.16	56265.11328	56255.54225	56258.72656	504122.7	5411057.1
L4120.0	504122.7	5411055.5	68497.50000	313.19	0	48.852454	-86.943800	56251.02	56235	15.04	56266.06	56266.01172	56265.30198	56268.46875	504122.7	5411055.5
L4120.0	504122.7	5411054.0	68497.60156	311.08	0	48.852440	-86.943800	56252.06	56235	15.05	56267.11	56267.06250	56277.90891	56281.05469	504122.7	5411054.0
L4120.0	504122.7	5411052.4	68497.70313	310.68	0	48.852426	-86.943800	56252.46	56235	15.05	56267.51	56267.46094	56278.58128	56281.71094	504122.7	5411052.4
L4120.0	504122.7	5411052.4	68497.79688	311.37	0	48.852426	-86.943800	56252.52	56235	15.05	56267.57	56267.51953	56273.04896	56276.15625	504122.7	5411052.4
L4120.0	504122.7	5411051.0	68497.89844	311.47	0	48.852413	-86.943800	56252.59	56235	15.05	56267.64	56267.58984	56267.78391	56270.87109	504122.7	5411051.0
L4120.0	504122.7	5411049.4	68498.00000	311.28	0	48.852399	-86.943800	56253.23	56234.9	15.05	56268.28	56268.23047	56273.06607	56276.13281	504122.7	5411049.4
L4120.0	504122.7	5411049.4	68498.10156	309.13	0	48.852399	-86.943800	56253.81	56234.9	15.05	56268.86	56268.80859	56277.28079	56280.32813	504122.7	5411049.4
L4120.0	504122.7	5411047.8	68498.20313	307.76	0	48.852384	-86.943801	56254.19	56234.9	15.05	56269.24	56269.19141	56277.88155	56280.90625	504122.7	5411047.8
L4120.0	504122.7	5411046.4	68498.29688	306.97	0	48.852371	-86.943801	56254.71	56234.9	15.05	56269.76	56269.71094	56281.07232	56284.07422	504122.7	5411046.4
L4120.0	504122.7	5411045.0	68498.39844	311.23	0	48.852359	-86.943801	56254.74	56234.9	15.05	56269.79	56269.73828	56275.44115	56278.42188	504122.7	5411045.0
L4120.0	504122.7	5411045.0	68498.50000	311.92	0	48.852359	-86.943801	56254.66	56234.9	15.05	56269.71	56269.66016	56267.93459	56270.89453	504122.7	5411045.0

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4120.0	504122.6	5411043.7	68498.60156	311.25	0	48.852347	-86.943802	56254.84	56234.9	15.05	56269.89	56269.83984	56265.19935	56268.13281	504122.6	5411043.7
L4120.0	504122.6	5411042.1	68498.70313	308.84	0	48.852333	-86.943802	56255.60	56234.9	15.05	56270.65	56270.59766	56272.85885	56275.76953	504122.6	5411042.1
L4120.0	504122.6	5411040.8	68498.79688	307.05	0	48.852321	-86.943802	56255.79	56234.9	15.05	56270.84	56270.78906	56270.39429	56273.28125	504122.6	5411040.8
L4120.0	504122.6	5411039.2	68498.89844	307.48	0	48.852307	-86.943802	56256.38	56234.9	15.05	56271.43	56271.37891	56275.03891	56277.90234	504122.6	5411039.2
L4120.0	504122.6	5411039.2	68499.00000	308.87	0	48.852307	-86.943802	56257.02	56234.9	15.05	56272.07	56272.01953	56280.54630	56283.38672	504122.6	5411039.2
L4120.0	504122.6	5411037.7	68499.00000	308.87	0	48.852293	-86.943802	56257.16	56234.9	15.05	56272.21	56272.15625	56277.32422	56280.13672	504122.6	5411037.7
L4120.0	504122.6	5411037.7	68499.20313	310.55	0	48.852293	-86.943802	56257.14	56234.9	15.05	56272.19	56272.13672	56271.40609	56274.19531	504122.6	5411037.7
L4120.0	504122.6	5411036.0	68499.29688	311.96	0	48.852278	-86.943802	56257.26	56234.9	15.05	56272.31	56272.25781	56268.00157	56270.76563	504122.6	5411036.0
L4120.0	504122.6	5411034.8	68499.39844	312.87	0	48.852267	-86.943802	56258.24	56234.9	15.05	56273.29	56273.23828	56279.36473	56282.10156	504122.6	5411034.8
L4120.0	504122.6	5411034.8	68499.50000	312.95	0	48.852267	-86.943802	56258.48	56234.9	15.05	56273.53	56273.47656	56278.05370	56280.76563	504122.6	5411034.8
L4120.0	504122.6	5411033.0	68499.60156	311.57	0	48.852252	-86.943803	56258.49	56234.9	15.05	56273.54	56273.48828	56272.91994	56275.60156	504122.6	5411033.0
L4120.0	504122.5	5411031.3	68499.70313	311.30	0	48.852236	-86.943803	56258.18	56234.9	15.05	56273.23	56273.17578	56262.55254	56265.20703	504122.5	5411031.3
L4120.0	504122.5	5411030.2	68499.79688	308.05	0	48.852226	-86.943803	56258.64	56234.9	15.05	56273.69	56273.63672	56265.14726	56267.77734	504122.5	5411030.2
L4120.0	504122.5	5411028.9	68499.89844	305.55	0	48.852214	-86.943803	56259.41	56234.9	15.05	56274.46	56274.40625	56272.82809	56275.42969	504122.5	5411028.9
L4120.0	504122.5	5411028.9	68500.00000	303.72	0	48.852214	-86.943803	56259.96	56234.9	15.05	56275.01	56274.95703	56276.82940	56279.40234	504122.5	5411028.9
L4120.0	504122.5	5411027.6	68500.10156	303.37	0	48.852203	-86.943804	56260.13	56234.9	15.05	56275.18	56275.12891	56274.67015	56277.21484	504122.5	5411027.6
L4120.0	504122.5	5411025.8	68500.20313	304.83	0	48.852186	-86.943804	56260.63	56234.9	15.05	56275.68	56275.62891	56277.85516	56280.37109	504122.5	5411025.8
L4120.0	504122.5	5411025.8	68500.29688	307.87	0	48.852186	-86.943804	56261.10	56234.9	15.05	56276.15	56276.09766	56280.54014	56283.02734	504122.5	5411025.8
L4120.0	504122.5	5411024.6	68500.39844	308.89	0	48.852176	-86.943804	56261.37	56234.9	15.05	56276.42	56276.36719	56280.08751	56282.54688	504122.5	5411024.6
L4120.0	504122.5	5411023.0	68500.50000	308.77	0	48.852161	-86.943804	56261.64	56234.9	15.05	56276.69	56276.63672	56279.68841	56282.11719	504122.5	5411023.0
L4120.0	504122.5	5411023.0	68500.60156	311.53	0	48.852161	-86.943804	56261.68	56234.9	15.05	56276.73	56276.67578	56275.84302	56278.24219	504122.5	5411023.0
L4120.0	504122.5	5411021.6	68500.70313	309.29	0	48.852148	-86.943804	56262.09	56234.9	15.05	56277.14	56277.08594	56277.70416	56280.07422	504122.5	5411021.6
L4120.0	504122.5	5411019.9	68500.79688	308.31	0	48.852134	-86.943804	56262.98	56234.9	15.05	56278.03	56277.97656	56286.71760	56289.05859	504122.5	5411019.9
L4120.0	504122.5	5411019.9	68500.89844	307.09	0	48.852134	-86.943804	56263.54	56234.9	15.05	56278.59	56278.53516	56290.73861	56293.05078	504122.5	5411019.9
L4120.0	504122.4	5411018.4	68501.00000	306.47	0	48.852120	-86.943804	56263.54	56234.9	15.05	56278.59	56278.53516	56286.57426	56288.85547	504122.4	5411018.4
L4120.0	504122.4	5411017.0	68501.00000	306.47	0	48.852107	-86.943805	56263.73	56234.9	15.05	56278.78	56278.72656	56285.29674	56287.54688	504122.4	5411017.0
L4120.0	504122.4	5411015.4	68501.20313	306.81	0	48.852093	-86.943805	56264.13	56235	15.05	56279.17	56279.11719	56286.98515	56289.20703	504122.4	5411015.4
L4120.0	504122.4	5411015.4	68501.29688	307.81	0	48.852093	-86.943805	56264.39	56235	15.05	56279.43	56279.37500	56286.86188	56289.05469	504122.4	5411015.4
L4120.0	504122.4	5411013.6	68501.39844	305.97	0	48.852077	-86.943805	56264.23	56235	15.05	56279.27	56279.21875	56280.78123	56282.94531	504122.4	5411013.6
L4120.0	504122.4	5411013.6	68501.50000	304.76	0	48.852077	-86.943805	56264.32	56235	15.04	56279.36	56279.30859	56278.35153	56280.48438	504122.4	5411013.6
L4120.0	504122.3	5411012.2	68501.60156	303.38	0	48.852064	-86.943806	56265.17	56235	15.04	56280.21	56280.15625	56286.91206	56289.01563	504122.3	5411012.2
L4120.0	504122.3	5411010.7	68501.70313	303.04	0	48.852051	-86.943806	56265.16	56235	15.04	56280.20	56280.14844	56283.15820	56285.23047	504122.3	5411010.7
L4120.0	504122.3	5411009.1	68501.79688	302.05	0	48.852037	-86.943807	56265.33	56235	15.04	56280.37	56280.31641	56282.04405	56284.08594	504122.3	5411009.1
L4120.0	504122.2	5411007.9	68501.89844	303.33	0	48.852026	-86.943807	56265.25	56235	15.04	56280.29	56280.23828	56277.30873	56279.32422	504122.2	5411007.9
L4120.0	504122.2	5411007.9	68502.00000	303.75	0	48.852026	-86.943807	56266.02	56235	15.04	56281.06	56281.00781	56285.10773	56287.08984	504122.2	5411007.9
L4120.0	504122.2	5411006.7	68502.10156	306.64	0	48.852015	-86.943808	56266.42	56235	15.04	56281.46	56281.40625	56287.58054	56289.53516	504122.2	5411006.7
L4120.0	504122.2	5411005.2	68502.20313	308.98	0	48.852002	-86.943808	56266.40	56235	15.05	56281.44	56281.38672	56283.84130	56285.76563	504122.2	5411005.2
L4120.0	504122.2	5411005.2	68502.29688	308.87	0	48.852002	-86.943808	56266.75	56235	15.05	56281.80	56281.74609	56285.84573	56287.74219	504122.2	5411005.2
L4120.0	504122.1	5411002.9	68502.39844	309.48	0	48.851981	-86.943809	56266.76	56234.9	15.05	56281.81	56281.75781	56282.59580	56284.46484	504122.1	5411002.9
L4120.0	504122.1	5411002.1	68502.50000	309.51	0	48.851974	-86.943809	56267.39	56234.9	15.06	56282.45	56282.39453	56289.01024	56290.84766	504122.1	5411002.1
L4120.0	504122.1	5411000.7	68502.60156	310.42	0	48.851961	-86.943809	56267.86	56234.9	15.06	56282.92	56282.86719	56292.90928	56294.71875	504122.1	5411000.7
L4120.0	504122.1	5410999.7	68502.70313	310.33	0	48.851952	-86.943809	56268.19	56234.9	15.06	56283.25	56283.19531	56294.70494	56296.48828	504122.1	5410999.7
L4120.0	504122.1	5410999.7	68502.79688	309.24	0	48.851952	-86.943809	56268.12	56234.9	15.06	56283.18	56283.12500	56290.37483	56292.13281	504122.1	5410999.7
L4120.0	504122.1	5410998.1	68502.89844	308.13	0	48.851937	-86.943809	56267.57	56234.9	15.07	56282.63	56282.57422	56278.73095	56280.46094	504122.1	5410998.1
L4120.0	504122.1	5410998.1	68503.00000	309.86	0	48.851937	-86.943809	56267.76	56234.9	15.07	56282.83	56282.77734	56278.68613	56280.38672	504122.1	5410998.1
L4120.0	504122.1	5410996.7	68503.00000	309.86	0	48.851925	-86.943809	56268.06	56234.9	15.07	56283.13	56283.07422	56280.21626	56281.89063	504122.1	5410996.7
L4120.0	504122.1	5410995.2	68503.20313	309.10	0	48.851911	-86.943809	56268.82	56234.9	15.06	56283.89	56283.83594	56288.68429	56290.33594	504122.1	5410995.2
L4120.0	504122.1	5410994.0	68503.29688	307.46	0	48.851901	-86.943809	56268.98	56234.9	15.06	56284.04	56283.98438	56287.95994	56289.58594	504122.1	5410994.0
L4120.0	504122.1	5410994.0	68503.39844	307.89	0	48.851901	-86.943809	56269.28	56234.9	15.06	56284.34	56284.28516	56289.49338	56291.09375	504122.1	5410994.0
L4120.0	504122.1	5410992.4	68503.50000	308.35	0	48.851886	-86.943809	56268.95	56234.9	15.06	56284.00	56283.94531	56281.74109	56283.31641	504122.1	5410992.4
L4120.0	504122.1	5410990.8	68503.60156	310.92	0	48.851872	-86.943809	56269.13	56234.9	15.05	56284.18	56284.12500	56281.66971	56283.22266	504122.1	5410990.8
L4120.0	504122.1	5410990.8	68503.70313	310.34	0	48.851872	-86.943809	56269.24	56235	15.05	56284.29	56284.23438	56280.64319	56282.17188	504122.1	5410990.8
L4120.0	504122.1	5410989.2	68503.79688	310.33	0	48.851858	-86.943809	56269.66	56235	15.05	56284.71	56284.65625	56284.34374	56285.85156	504122.1	5410989.2
L4120.0	504122.1	5410987.8	68503.89844	309.69	0	48.851845	-86.943809	56269.79	56235	15.04	56284.83	56284.77734	56281.79183	56283.28125	504122.1	5410987.8
L4120.0	504122.1	5410987.8	68504.00000	306.75	0	48.851845	-86.943809	56270.03	56235	15.04	56285.07	56285.01563	56282.71746	56284.18359	504122.1	5410987.8
L4120.0	504122.1	5410986.0	68504.10156	305.52	0	48.851829	-86.943809	56270.87	56235	15.04	56285.91	56285.85547	56301.69183	56303.13672	504122.1	5410986.0
L4120.0	504122.1	5410984.9	68504.20313	305.16	0	48.851819	-86.943809	56271.02	56235	15.04	56286.06	56286.00391	56299.55256	56300.98047	504122.1	5410984.9
L4120.0	504122.2	5410983.1	68504.29688	305.02	0	48.851802	-86.943808	56271.37	56235	15.04	56286.41	56286.35547	56303.46810	56304.87891	504122.2	5410983.1
L4120.0	504122.2	5410983.1	68504.39844	304.83	0	48.851802	-86.943808	56271.05	56235	15.04	56286.09	56286.03516	56286.95979	56288.35156	504122.2	5410983.1
L4120.0	504122.2	5410981.6	68504.50000	305.89	0	48.851789	-86.943808	56271.25	56235	15.04	56286.29	56286.23438	56286.36087	56287.73438	504122.2	5410981.6
L4120.0	504122.2	5410980.3	68504.60156	304.97	0	48.851777	-86.943808	56270.99	56235	15.05	56286.04	56285.98438	56271.99238	56273.34766	504122.2	5410980.3
L4120.0	504122.2	5410978.7	68504.70313	304.86	0	48.851763	-86.943807	56271.45	56235	15.05	56286.50	56286.44531	56287.16339	56288.50391	504122.2	5410978.7
L4120.0	504122.2	5410978.7	68504.79688	305.91	0	48.851763	-86.943807	56271.84	56235	15.05	56286.88	56286.82422	56290.18665	56291.51563	504122.2	5410978.7
L4120.0	504122.3	5410977.3	68504.89844	307.40	0	48.851750	-86.943807	56271.89	56235	15.05	56286.94	56286.88672	56288.68833	56290.00391	504122.3	5410977.3
L4120.0	504122.3	5410975.9	68505.00000	308.95	0	48.851738	-86.943807	56272.71	56234.9	15.05	56287.76	56287.70703	56298.15939	56299.46094	504122.3	5410975.9
L4120.0	504122.3	5410975.9	68505.00000	308.95	0	48.851738	-86.943807	56272.75	56234.9	15.05	56287.80	56287.74609	56296.46956	56297.75781	504122.3	5410975.9
L4120.0	504122.3	5410974.7	68505.20313	310.62	0	48.851727	-86.943807	56273.17	56235	15.05	56288.22	56288.16797	56300.40746	56301.68359	504122.3	5410974.7
L4120.0	504122.3	5410973.3	68505.29688	311.36	0	48.851714	-86.943807	56272.70	56235	15.05	56287.75	56287.69531	56291.07666	56292.34375	504122.3	5410973.3
L4120.0	504122.3	5410973.3	68505.39844	310.54	0	48.851714	-86.943807	56273.32	56235	15.05	56288.37	56288.31641	56298.21170	56299.47266	504122.3	5410973.3
L4120.0	504122.3	5410971.5	68505.50000	310.09	0	48.851698	-86.943806	56272.95	56235	15.04	56288.00	56287.94531	56290.05815	56291.30859	504122.3	5410971.5
L4120.0	504122.4	5410969.9	68505.60156	311.01	0	48.851684	-86.943806	56273.40	56235	15.04	56288.44	56288.38672	56294.62787	56295.87109	504122.4	5410969.9
L4120.0	504122.4	5410968.1	68505.70313	309.78	0	48.851668	-86.943806	56273.46	56235	15.04	56288.50	56288.44922	56293.12534	56294.35938	504122.4	5410968.1
L4120.0	504122.4	5410968.1	68505.79688	308.59	0	48.851668	-86.943806	56273.57	56235	15.04	56288.62	56288.56641	56292.56898	56293.80078	504122.4	5410968.1
L4120.0	504122.4	5410966.8	68505.89844	307.28	0	48.851656	-86.943805	56273.27	56235	15.04	56288.31	56288.25781	56284.50641	56285.73438	504122.4	5410966.8
L4120.0	504122.4	5410965.2	68506.00000	305.79	0	48.851642	-86.943805	56273.81	56235	15.04	56288.85	56288.80078	56291.20265	56292.42578	504122.4	5410965.2
L4120.0	504122.4	5410965.2	68506.10156	305.64	0	48.851642	-86.943805	56274.16	56235	15.04	56289.20	56289.14844	56294.72356	56295.94141	504122.4	5410965.2
L4120.0	504122.4	5410963.5	68506.20313	306.80	0	48.851626	-86.943805	56273.82	56235	15.04	56288.86	56288.80859	56285.74311	56286.96094	504122.4	5410963.5
L4120.0	504122.4	5410962.5	68506.29688	308.85	0	48.851617	-86.943805	56274.01	56235	15.04	56289.05	56289.00000	56286.36512	56287.58203	504122.4	5410962.5
L4120.0	504122.5	5410960.7	68506.39844	312.35	0	48.851601	-86.943805	56274.08	56235	15.04	56289.12	56289.07031	56284.80569	56286.02344	504122.5	5410960.7
L4120.0	504122.5	5410959.3	68506.50000	311.56	0	48.851588	-86.943805	56274.67	56235	15.04	56289.71	56289.66016	56292.94074	56294.15625	504122.5	5410959.3
L4120.0	504122.5	5410959.3	68506.60156	313.61	0	48.851588	-86.943805	56274.95	56235	15.04	56289.99	56289.94141	56295.35685	56296.57422	504122.5	5410959.3
L4120.0	504122.5	5410959.3	68506.70313	315.42	0	48.851588	-86.943805	56275.16	56235	15.04	56290.20	56290.15234	56296.49103	56297.71094	504122.5	5410959.3
L4120.0	504122.5	5410957.3	68506.79688	317.45	0	48.851570	-86.943804	56274.77	56235	15.04	56289.81	56289.76172	56286.54870	56287.77344	504122.5	5410957.3
L4120.0	504122.5	5410955.7	68506.89844	316.83	0	48.851556	-86.943804	56274.82	56235	15.04	56289.86	56289.81250	56284.82480	56286.05469	504122.5	5410955.7
L4120.0	504122.6	5410954.4	68507.00000	315.29	0	48.851544	-86.943804	56275.54	56235	15.04	56290.58	56290.53516	56295.44456	56296.67969	504122.6	5410954.4
L4120.0	504122.6	5410954.4	68507.00000	315.29	0	48.851544	-86.943804	56276.02	56235	15.04	56291.06	56291.01563	56301.61853	56302.85547	504122.6	5410954.4
L4120.0	504122.6	5410953.1	68507.20313	311.62	0	48.851532	-86.943803	56275.91	56235	15.04	56290.95	56290.90625	56297.06533	56298.31250	504122.6	5410953.1
L4120.0	504122.6	5410951.5	68507.29688	309.36	0	48.851518	-86.943803	56275.85	56235	15.04	56290.89	56290.84766	56293.51466	56294.76953	504122.6	5410951.5
L4120.0	504122.6	5410950.0	68507.39844	309.27	0	48.851504	-86.943803	56275.82	56235	15.04	56290.86	56290.81641	56290.60023	56291.86328	504122.6	5410950.0
L4120.0	504122.6	5410950.0	68507.50000	308.85	0	48.851504	-86.943803	56275.62	56235	15.04	56290.66	56290.61719	56284.78582	56286.05859	504122.6	5410950.0
L4120.0	504122.6	5410948.6	68507.60156	307.13	0	48.851492	-86.943802	56275.66	56235	15.04	56290.70	56290.66016	56283.35166	56284.63281	504122.6	5410948.6
L4120.0	504122.6	5410947.0	68507.70313	306.10	0	48.851478	-86.943802	56276.02	56235	15.04	56291.06	56291.01953	56287.53686	56288.82813	504122.6	5410947.0
L4120.0	504122.6	5410947.0	68507.79688	304.69	0	48.851478	-86.943802	56276.38	56235	15.04	56291.42	56291.38281	56291.66305	56292.96875	504122.6	5410947.0

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4120.0	504122.7	5410945.5	68507.89844	306.45	0	48.851464	-86.943802	56277.17	56235	15.04	56292.21	56292.17188	56302.88279	56304.19922	504122.7	5410945.5
L4120.0	504122.7	5410944.1	68508.00000	307.18	0	48.851451	-86.943802	56277.38	56235	15.04	56292.42	56292.38281	56304.27758	56305.60547	504122.7	5410944.1
L4120.0	504122.7	5410944.1	68508.10156	307.46	0	48.851451	-86.943802	56277.61	56235	15.04	56292.64	56292.60547	56305.85279	56307.19141	504122.7	5410944.1
L4120.0	504122.7	5410942.5	68508.20313	307.38	0	48.851437	-86.943802	56277.17	56235	15.04	56292.21	56292.17578	56297.11557	56298.46875	504122.7	5410942.5
L4120.0	504122.7	5410941.2	68508.29688	308.68	0	48.851425	-86.943802	56277.35	56235	15.04	56292.38	56292.34766	56298.10628	56299.47656	504122.7	5410941.2
L4120.0	504122.7	5410941.2	68508.39844	308.68	0	48.851425	-86.943802	56277.61	56235	15.04	56292.64	56292.60938	56300.56164	56301.94531	504122.7	5410941.2
L4120.0	504122.7	5410939.6	68508.50000	309.15	0	48.851411	-86.943802	56277.50	56235	15.04	56292.54	56292.50781	56297.46889	56298.86719	504122.7	5410939.6
L4120.0	504122.7	5410938.4	68508.60156	310.76	0	48.851400	-86.943802	56277.88	56235	15.03	56292.92	56292.89063	56301.92937	56303.34375	504122.7	5410938.4
L4120.0	504122.7	5410936.7	68508.70313	311.88	0	48.851385	-86.943802	56278.09	56235	15.03	56293.12	56293.08984	56303.66892	56305.10156	504122.7	5410936.7
L4120.0	504122.7	5410936.7	68508.79688	311.56	0	48.851385	-86.943802	56278.35	56235	15.03	56293.38	56293.35156	56306.43620	56307.88672	504122.7	5410936.7
L4120.0	504122.7	5410934.9	68508.89844	309.76	0	48.851369	-86.943801	56277.88	56235	15.03	56292.91	56292.88281	56297.76785	56299.23438	504122.7	5410934.9
L4120.0	504122.7	5410933.6	68509.00000	310.37	0	48.851357	-86.943801	56278.06	56235	15.03	56293.09	56293.06641	56299.36856	56300.85156	504122.7	5410933.6
L4120.0	504122.7	5410932.3	68509.00000	310.37	0	48.851346	-86.943801	56278.48	56235	15.03	56293.51	56293.48828	56304.87341	56306.37500	504122.7	5410932.3
L4120.0	504122.8	5410931.2	68509.20313	308.11	0	48.851335	-86.943801	56278.01	56235	15.03	56293.04	56293.01953	56296.14898	56297.66797	504122.8	5410931.2
L4120.0	504122.8	5410931.2	68509.29688	308.87	0	48.851335	-86.943801	56278.61	56235	15.03	56293.63	56293.60938	56304.50748	56306.04688	504122.8	5410931.2
L4120.0	504122.8	5410930.0	68509.39844	309.97	0	48.851325	-86.943801	56277.91	56235	15.03	56292.93	56292.91016	56292.03582	56293.59375	504122.8	5410930.0
L4120.0	504122.8	5410928.0	68509.50000	308.62	0	48.851307	-86.943801	56278.52	56235	15.02	56293.54	56293.52344	56300.80550	56302.38281	504122.8	5410928.0
L4120.0	504122.8	5410928.0	68509.60156	307.79	0	48.851307	-86.943801	56277.27	56235	15.02	56292.30	56292.28516	56279.61334	56281.20703	504122.8	5410928.0
L4120.0	504122.8	5410926.7	68509.70313	308.54	0	48.851295	-86.943801	56278.09	56235	15.02	56293.11	56293.09375	56291.68369	56293.30078	504122.8	5410926.7
L4120.0	504122.8	5410926.7	68509.79688	308.29	0	48.851295	-86.943801	56278.12	56235	15.02	56293.14	56293.12891	56291.14582	56292.78125	504122.8	5410926.7
L4120.0	504122.8	5410924.9	68509.89844	308.71	0	48.851279	-86.943801	56278.62	56235	15.02	56293.64	56293.62891	56298.17482	56299.82813	504122.8	5410924.9
L4120.0	504122.8	5410923.1	68510.00000	309.50	0	48.851263	-86.943801	56279.09	56235	15.02	56294.11	56294.10156	56304.67369	56306.34766	504122.8	5410923.1
L4120.0	504122.8	5410923.1	68510.10156	309.40	0	48.851263	-86.943801	56278.44	56235	15.02	56293.46	56293.45313	56293.35619	56295.05078	504122.8	5410923.1
L4120.0	504122.8	5410921.6	68510.20313	310.38	0	48.851249	-86.943800	56278.96	56235	15.02	56293.98	56293.97266	56300.64118	56302.35547	504122.8	5410921.6
L4120.0	504122.8	5410920.1	68510.29688	311.50	0	48.851235	-86.943800	56277.45	56235	15.02	56292.47	56292.46484	56275.93722	56277.67188	504122.8	5410920.1
L4120.0	504122.8	5410920.1	68510.39844	307.10	0	48.851235	-86.943800	56278.72	56235	15.02	56293.75	56293.74609	56295.19548	56296.94922	504122.8	5410920.1
L4120.0	504122.9	5410918.5	68510.50000	308.22	0	48.851221	-86.943800	56277.82	56235	15.03	56292.84	56292.83984	56279.91436	56281.68359	504122.9	5410918.5
L4120.0	504122.9	5410917.2	68510.60156	309.71	0	48.851209	-86.943799	56278.57	56235	15.03	56293.59	56293.58984	56290.87243	56292.66016	504122.9	5410917.2
L4120.0	504122.9	5410915.8	68510.70313	307.82	0	48.851197	-86.943799	56278.53	56235	15.03	56293.55	56293.55078	56289.28673	56291.09766	504122.9	5410915.8
L4120.0	504122.9	5410915.8	68510.79688	308.89	0	48.851197	-86.943799	56278.88	56235	15.03	56293.90	56293.90234	56294.07244	56295.90234	504122.9	5410915.8
L4120.0	504123.0	5410914.0	68510.89844	310.00	0	48.851181	-86.943799	56279.60	56235	15.03	56294.63	56294.63672	56305.52908	56307.37500	504123.0	5410914.0
L4120.0	504123.0	5410912.2	68511.00000	309.27	0	48.851165	-86.943798	56279.09	56235	15.03	56294.12	56294.12891	56296.02549	56297.89063	504123.0	5410912.2
L4120.0	504123.0	5410912.2	68511.00000	309.27	0	48.851165	-86.943798	56279.88	56235	15.03	56294.91	56294.91797	56309.42663	56311.30859	504123.0	5410912.2
L4120.0	504123.0	5410910.7	68511.20313	305.10	0	48.851151	-86.943798	56278.82	56235	15.03	56293.86	56293.87109	56289.26042	56291.16016	504123.0	5410910.7
L4120.0	504123.0	5410910.7	68511.29688	305.24	0	48.851151	-86.943798	56279.80	56235	15.04	56294.83	56294.84375	56307.04375	56308.96094	504123.0	5410910.7
L4120.0	504123.1	5410909.2	68511.39844	307.49	0	48.851138	-86.943797	56279.09	56235	15.04	56294.12	56294.13281	56291.98489	56293.91797	504123.1	5410909.2
L4120.0	504123.1	5410907.8	68511.50000	308.67	0	48.851125	-86.943797	56279.93	56235	15.04	56294.97	56294.98438	56308.94466	56310.89453	504123.1	5410907.8
L4120.0	504123.1	5410907.8	68511.60156	311.01	0	48.851125	-86.943797	56279.76	56235	15.04	56294.80	56294.81641	56304.63730	56306.60156	504123.1	5410907.8
L4120.0	504123.1	5410906.0	68511.70313	311.99	0	48.851109	-86.943796	56279.75	56235	15.04	56294.79	56294.80859	56303.65573	56305.63672	504123.1	5410906.0
L4120.0	504123.1	5410904.7	68511.79688	311.34	0	48.851097	-86.943796	56279.65	56235	15.05	56294.69	56294.71094	56300.39860	56302.39453	504123.1	5410904.7
L4120.0	504123.2	5410903.3	68511.89844	313.20	0	48.851084	-86.943796	56279.34	56235	15.05	56294.39	56294.41406	56291.86040	56293.87109	504123.2	5410903.3
L4120.0	504123.2	5410901.9	68512.00000	322.52	0	48.851072	-86.943796	56280.46	56234.9	15.05	56295.51	56295.53516	56319.62349	56321.64844	504123.2	5410901.9
L4120.0	504123.2	5410901.9	68512.10156	322.73	0	48.851072	-86.943796	56279.95	56235	15.05	56295.00	56295.02734	56305.50173	56307.53906	504123.2	5410901.9
L4120.0	504123.2	5410900.0	68512.20313	322.67	0	48.851055	-86.943795	56280.59	56235	15.05	56295.63	56295.66016	56314.89618	56316.94531	504123.2	5410900.0
L4120.0	504123.2	5410900.0	68512.29688	323.65	0	48.851055	-86.943795	56279.57	56235	15.04	56294.61	56294.64063	56295.42645	56297.48828	504123.2	5410900.0
L4120.0	504123.2	5410898.1	68512.39844	323.92	0	48.851038	-86.943795	56280.23	56235	15.04	56295.28	56295.31250	56307.81508	56309.88672	504123.2	5410898.1
L4120.0	504123.2	5410896.8	68512.50000	325.42	0	48.851026	-86.943796	56279.62	56235	15.04	56294.66	56294.69531	56295.22229	56297.30469	504123.2	5410896.8
L4120.0	504123.2	5410895.3	68512.60156	326.72	0	48.851012	-86.943796	56279.68	56235	15.04	56294.71	56294.74609	56295.66252	56297.75391	504123.2	5410895.3
L4120.0	504123.2	5410893.9	68512.70313	323.31	0	48.851000	-86.943796	56279.93	56235	15.04	56294.96	56294.99609	56300.20122	56302.30469	504123.2	5410893.9
L4120.0	504123.2	5410893.9	68512.79688	323.59	0	48.851000	-86.943796	56279.98	56235	15.03	56295.01	56295.05078	56300.75704	56302.86719	504123.2	5410893.9
L4120.0	504123.2	5410892.0	68512.89844	323.05	0	48.850983	-86.943796	56280.46	56235	15.03	56295.49	56295.53125	56310.16282	56312.28125	504123.2	5410892.0
L4120.0	504123.2	5410892.0	68513.00000	319.33	0	48.850983	-86.943796	56279.65	56235	15.03	56294.68	56294.72266	56293.09262	56295.21875	504123.2	5410892.0
L4120.0	504123.1	5410890.5	68513.00000	319.33	0	48.850969	-86.943796	56280.43	56235	15.03	56295.46	56295.50391	56308.68469	56310.81641	504123.1	5410890.5
L4120.0	504123.1	5410890.5	68513.20313	317.60	0	48.850969	-86.943796	56279.85	56235	15.03	56294.88	56294.92578	56296.42427	56298.56250	504123.1	5410890.5
L4120.0	504123.1	5410888.7	68513.29688	318.24	0	48.850953	-86.943796	56280.56	56235	15.03	56295.59	56295.63672	56310.44754	56312.58984	504123.1	5410888.7
L4120.0	504123.1	5410887.6	68513.39844	317.77	0	48.850943	-86.943796	56279.90	56235	15.03	56294.93	56294.98047	56296.79975	56298.94531	504123.1	5410887.6
L4120.0	504123.1	5410886.0	68513.50000	316.68	0	48.850929	-86.943796	56280.34	56235	15.03	56295.37	56295.42188	56305.24039	56307.39063	504123.1	5410886.0
L4120.0	504123.1	5410886.0	68513.60156	318.14	0	48.850929	-86.943796	56280.11	56235	15.03	56295.14	56295.19141	56300.41852	56302.57031	504123.1	5410886.0
L4120.0	504123.1	5410884.5	68513.70313	319.84	0	48.850915	-86.943796	56280.08	56235	15.03	56295.11	56295.16406	56299.60816	56301.76172	504123.1	5410884.5
L4120.0	504123.1	5410882.9	68513.79688	322.27	0	48.850901	-86.943796	56280.31	56235	15.03	56295.34	56295.39453	56303.80063	56305.95703	504123.1	5410882.9
L4120.0	504123.1	5410882.9	68513.89844	325.68	0	48.850901	-86.943796	56279.98	56235	15.03	56295.01	56295.06641	56297.40861	56299.56250	504123.1	5410882.9
L4120.0	504123.1	5410881.4	68514.00000	326.56	0	48.850888	-86.943796	56280.48	56235	15.03	56295.51	56295.56641	56306.62244	56308.77734	504123.1	5410881.4
L4120.0	504123.1	5410881.4	68514.10156	325.79	0	48.850888	-86.943796	56279.80	56235	15.03	56294.83	56294.89063	56293.98638	56296.13672	504123.1	5410881.4
L4120.0	504123.2	5410879.7	68514.20313	321.32	0	48.850872	-86.943796	56280.26	56235	15.03	56295.29	56295.35156	56300.91075	56303.06250	504123.2	5410879.7
L4120.0	504123.2	5410878.1	68514.29688	318.98	0	48.850858	-86.943796	56279.85	56235	15.03	56294.88	56294.94141	56289.98354	56292.13281	504123.2	5410878.1
L4120.0	504123.2	5410876.9	68514.39844	309.39	0	48.850847	-86.943796	56280.46	56235	15.03	56295.49	56295.55469	56306.66535	56308.80859	504123.2	5410876.9
L4120.0	504123.2	5410876.9	68514.50000	308.24	0	48.850847	-86.943796	56280.38	56235	15.03	56295.41	56295.47656	56304.79935	56306.93750	504123.2	5410876.9
L4120.0	504123.2	5410875.2	68514.60156	307.31	0	48.850832	-86.943796	56280.08	56235	15.03	56295.11	56295.17578	56297.15247	56299.28516	504123.2	5410875.2
L4120.0	504123.2	5410873.7	68514.70313	305.02	0	48.850818	-86.943796	56280.03	56235	15.03	56295.06	56295.12891	56296.26557	56298.39063	504123.2	5410873.7
L4120.0	504123.2	5410873.7	68514.79688	315.32	0	48.850818	-86.943796	56279.82	56235	15.03	56294.85	56294.91797	56291.19913	56293.32031	504123.2	5410873.7
L4120.0	504123.2	5410870.8	68514.89844	318.51	0	48.850792	-86.943795	56280.54	56235	15.03	56295.57	56295.64063	56310.82265	56312.93359	504123.2	5410870.8
L4120.0	504123.2	5410870.8	68515.00000	318.47	0	48.850792	-86.943795	56280.11	56235	15.03	56295.14	56295.21094	56300.04945	56302.15234	504123.2	5410870.8
L4120.0	504123.2	5410869.5	68515.00000	318.47	0	48.850780	-86.943795	56280.48	56235	15.03	56295.51	56295.58203	56310.43124	56312.52344	504123.2	5410869.5
L4120.0	504123.2	5410869.5	68515.20313	317.10	0	48.850780	-86.943795	56279.82	56235	15.03	56294.86	56294.93359	56294.05518	56296.14063	504123.2	5410869.5
L4120.0	504123.2	5410866.6	68515.29688	315.59	0	48.850754	-86.943795	56280.03	56235	15.04	56295.06	56295.13281	56300.03668	56302.10938	504123.2	5410866.6
L4120.0	504123.2	5410866.6	68515.39844	311.04	0	48.850754	-86.943795	56279.77	56235	15.04	56294.81	56294.88281	56294.31529	56296.37891	504123.2	5410866.6
L4120.0	504123.2	5410866.6	68515.50000	310.81	0	48.850754	-86.943795	56280.03	56235	15.04	56295.07	56295.14453	56301.87811	56303.92578	504123.2	5410866.6
L4120.0	504123.3	5410865.0	68515.60156	318.92	0	48.850741	-86.943795	56280.00	56235	15.04	56295.05	56295.12500	56302.19746	56304.23438	504123.3	5410865.0
L4120.0	504123.3	5410863.4	68515.70313	319.41	0	48.850726	-86.943795	56280.03	56235	15.04	56295.07	56295.14844	56303.57112	56305.59375	504123.3	5410863.4
L4120.0	504123.3	5410862.1	68515.79688	319.94	0	48.850714	-86.943795	56280.28	56235	15.05	56295.33	56295.41016	56311.07092	56313.08203	504123.3	5410862.1
L4120.0	504123.3	5410862.1	68515.89844	321.09	0	48.850714	-86.943795	56279.85	56235	15.05	56294.90	56294.98047	56301.05049	56303.04688	504123.3	5410862.1
L4120.0	504123.3	5410860.8	68516.00000	319.11	0	48.850702	-86.943794	56280.03	56234.9	15.05	56295.08	56295.16016	56306.52439	56308.50391	504123.3	5410860.8
L4120.0	504123.3	5410859.2	68516.10156	320.88	0	48.850688	-86.943794	56279.68	56234.9	15.05	56294.73	56294.80859	56298.69482	56300.65625	504123.3	5410859.2
L4120.0	504123.3	5410857.8	68516.20313	310.27	0	48.850676	-86.943794	56279.98	56234.9	15.05	56295.03	56295.10938	56307.15931	56309.10547	504123.3	5410857.8
L4120.0	504123.3	5410857.8	68516.29688	308.70	0	48.850676	-86.943794	56279.54	56234.9	15.06	56294.60	56294.68359	56297.47325	56299.40625	504123.3	5410857.8
L4120.0	504123.3	5410856.3	68516.39844	317.18	0	48.850662	-86.943794	56279.46	56234.9	15.06	56294.52	56294.60156	56296.53173	56298.44531	504123.3	5410856.3
L4120.0	504123.3	5410854.7	68516.50000	317.09	0	48.850648	-86.943794	56279.44	56234.9	15.06	56294.50	56294.58203	56297.08815	56298.98438	504123.3	5410854.7
L4120.0	504123.4	5410853.4	68516.60156	315.36	0	48.850635	-86.943794	56279.06	56234.9	15.06	56294.12	56294.20313	56288.86141	56290.73828	504123.4	5410853.4
L4120.0	504123.4	5410853.4	68516.70313	317.20	0	48.850635	-86.943794	56279.44	56234.9	15.06	56294.50	56294.58203	56299.20596	56301.06641	504123.4	5410853.4
L4120.0	504123.4	5410852.0	68516.79688	319.90	0	48.850623	-86.943793	56278.96	56234.9	15.07	56294.02	56294.10547	56288.62515	56290.46484	504123.4	5410852.0
L4120.0	504123.4	5410850.4	68516.89844	312.16	0	48.850609	-86.943793	56279.60	56234.9	15.07	56294.67	56294.75391	56305.47048	56307.28906	504123.4	5410850.4
L4120.0	504123.4	5410850.4	68517.00000	313.59	0	48.850609	-86.943793	56279.16	56234.9	15.07	56294.23	56294.31641	56295.90902	56297.70703	504123.4	5410850.4
L4120.0	504123.4	5410848.9	68517.00000	313.59	0	48.850596	-86.943793	56279.42	56234.9	15.07	56294.49	56294.57422	56303.29732	56305.07813	504123.4	5410848.9

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4120.0	504123.4	5410847.5	68517.20313	313.12	0	48.850583	-86.943793	56278.45	56234.9	15.07	56293.52	56293.60547	56280.94482	56282.70313	504123.4	5410847.5
L4120.0	504123.4	5410847.5	68517.29688	320.97	0	48.850583	-86.943793	56278.42	56234.9	15.07	56293.48	56293.56641	56281.07405	56282.81250	504123.4	5410847.5
L4120.0	504123.4	5410845.6	68517.39844	318.60	0	48.850565	-86.943793	56278.46	56234.9	15.07	56293.53	56293.61719	56283.37594	56285.09375	504123.4	5410845.6
L4120.0	504123.4	5410844.2	68517.50000	320.85	0	48.850553	-86.943793	56278.25	56234.9	15.06	56293.31	56293.39844	56279.10038	56280.79688	504123.4	5410844.2
L4120.0	504123.4	5410843.0	68517.60156	313.40	0	48.850542	-86.943793	56279.18	56234.9	15.06	56294.24	56294.32813	56302.93806	56304.61328	504123.4	5410843.0
L4120.0	504123.4	5410843.0	68517.70313	313.76	0	48.850542	-86.943793	56279.29	56234.9	15.06	56294.35	56294.43750	56306.86206	56308.51563	504123.4	5410843.0
L4120.0	504123.4	5410841.5	68517.79688	315.58	0	48.850528	-86.943793	56279.42	56234.9	15.06	56294.48	56294.56641	56311.37302	56313.00781	504123.4	5410841.5
L4120.0	504123.4	5410840.1	68517.89844	314.76	0	48.850516	-86.943793	56278.24	56234.9	15.06	56293.30	56293.38672	56283.04341	56284.65625	504123.4	5410840.1
L4120.0	504123.4	5410840.1	68518.00000	320.67	0	48.850516	-86.943793	56278.88	56234.9	15.06	56293.94	56294.02734	56300.37323	56301.96094	504123.4	5410840.1
L4120.0	504123.4	5410838.5	68518.10156	310.79	0	48.850502	-86.943793	56278.44	56234.9	15.06	56293.50	56293.58594	56290.35375	56291.92188	504123.4	5410838.5
L4120.0	504123.4	5410836.8	68518.20313	311.13	0	48.850487	-86.943793	56278.84	56234.9	15.06	56293.90	56293.98828	56301.87691	56303.42188	504123.4	5410836.8
L4120.0	504123.4	5410836.8	68518.29688	310.42	0	48.850487	-86.943793	56278.72	56234.9	15.06	56293.79	56293.87891	56300.29276	56301.81641	504123.4	5410836.8
L4120.0	504123.4	5410835.1	68518.39844	310.00	0	48.850471	-86.943793	56278.73	56234.9	15.06	56293.79	56293.87891	56301.55758	56303.06250	504123.4	5410835.1
L4120.0	504123.4	5410833.4	68518.50000	309.33	0	48.850455	-86.943793	56278.82	56234.9	15.06	56293.89	56293.97656	56305.43686	56306.91797	504123.4	5410833.4
L4120.0	504123.4	5410833.4	68518.60156	317.15	0	48.850455	-86.943793	56278.25	56234.9	15.07	56293.31	56293.39844	56291.49328	56292.95313	504123.4	5410833.4
L4120.0	504123.4	5410832.0	68518.70313	318.51	0	48.850443	-86.943793	56278.70	56234.9	15.07	56293.77	56293.85938	56304.74346	56306.18359	504123.4	5410832.0
L4120.0	504123.4	5410830.2	68518.79688	318.80	0	48.850427	-86.943794	56278.17	56234.9	15.07	56293.24	56293.32813	56292.20034	56293.62109	504123.4	5410830.2
L4120.0	504123.4	5410830.2	68518.89844	321.12	0	48.850427	-86.943794	56278.59	56234.9	15.07	56293.66	56293.74609	56304.19780	56305.59766	504123.4	5410830.2
L4120.0	504123.4	5410828.3	68519.00000	321.84	0	48.850410	-86.943794	56277.88	56234.9	15.07	56292.95	56293.03906	56287.39330	56288.76953	504123.4	5410828.3
L4120.0	504123.4	5410828.3	68519.00000	321.84	0	48.850410	-86.943794	56278.30	56234.9	15.07	56293.37	56293.45703	56299.13387	56300.49219	504123.4	5410828.3
L4120.0	504123.3	5410826.7	68519.20313	323.64	0	48.850395	-86.943794	56277.91	56234.9	15.07	56292.98	56293.06641	56290.76194	56292.10156	504123.3	5410826.7
L4120.0	504123.3	5410825.4	68519.29688	325.16	0	48.850384	-86.943794	56277.84	56234.9	15.07	56292.91	56292.99609	56290.35512	56291.67578	504123.3	5410825.4
L4120.0	504123.3	5410825.4	68519.39844	324.50	0	48.850384	-86.943794	56278.16	56234.9	15.07	56293.23	56293.31641	56299.09438	56300.39453	504123.3	5410825.4
L4120.0	504123.3	5410824.0	68519.50000	315.43	0	48.850371	-86.943794	56277.61	56234.9	15.07	56292.68	56292.76563	56287.58016	56288.86328	504123.3	5410824.0
L4120.0	504123.3	5410822.5	68519.60156	312.20	0	48.850358	-86.943794	56278.14	56234.9	15.07	56293.21	56293.29688	56300.75966	56302.02344	504123.3	5410822.5
L4120.0	504123.3	5410821.1	68519.70313	312.98	0	48.850345	-86.943794	56277.32	56234.9	15.07	56292.39	56292.47656	56283.76729	56285.01172	504123.3	5410821.1
L4120.0	504123.3	5410821.1	68519.79688	311.30	0	48.850345	-86.943794	56278.11	56234.9	15.07	56293.18	56293.26563	56302.14343	56303.37109	504123.3	5410821.1
L4120.0	504123.3	5410819.5	68519.89844	311.91	0	48.850331	-86.943794	56277.50	56234.9	15.07	56292.57	56292.65625	56290.22793	56291.44141	504123.3	5410819.5
L4120.0	504123.3	5410817.7	68520.00000	309.36	0	48.850314	-86.943794	56278.09	56234.9	15.07	56293.16	56293.24609	56303.73620	56304.93359	504123.3	5410817.7
L4120.0	504123.3	5410816.3	68520.10156	306.39	0	48.850302	-86.943794	56277.42	56234.9	15.07	56292.49	56292.57422	56290.96632	56292.14453	504123.3	5410816.3
L4120.0	504123.3	5410816.3	68520.20313	305.07	0	48.850302	-86.943794	56277.50	56234.9	15.07	56292.57	56292.65625	56293.77819	56294.94141	504123.3	5410816.3
L4120.0	504123.3	5410814.7	68520.29688	306.40	0	48.850288	-86.943794	56277.35	56234.9	15.07	56292.42	56292.50391	56291.90623	56293.05859	504123.3	5410814.7
L4120.0	504123.3	5410814.7	68520.39844	308.06	0	48.850288	-86.943794	56277.30	56234.9	15.07	56292.37	56292.45703	56292.07777	56293.21484	504123.3	5410814.7
L4120.0	504123.3	5410812.9	68520.50000	309.79	0	48.850271	-86.943794	56277.84	56234.9	15.07	56292.91	56292.99609	56304.14683	56305.26953	504123.3	5410812.9
L4120.0	504123.3	5410811.5	68520.60156	312.10	0	48.850259	-86.943794	56277.14	56234.9	15.08	56292.22	56292.30469	56291.43375	56292.54297	504123.3	5410811.5
L4120.0	504123.3	5410811.5	68520.70313	315.21	0	48.850259	-86.943794	56277.68	56234.9	15.08	56292.76	56292.84375	56303.70500	56304.80469	504123.3	5410811.5
L4120.0	504123.3	5410809.9	68520.79688	315.39	0	48.850245	-86.943795	56276.82	56234.9	15.08	56291.89	56291.97656	56287.04080	56288.12891	504123.3	5410809.9
L4120.0	504123.3	5410809.9	68520.89844	315.36	0	48.850245	-86.943795	56277.35	56234.9	15.08	56292.43	56292.51563	56299.66917	56300.74609	504123.3	5410809.9
L4120.0	504123.3	5410808.4	68521.00000	318.02	0	48.850231	-86.943795	56276.48	56234.9	15.08	56291.56	56291.64453	56282.28413	56283.34766	504123.3	5410808.4
L4120.0	504123.3	5410807.0	68521.00000	318.02	0	48.850218	-86.943795	56276.78	56234.9	15.08	56291.86	56291.94531	56290.05197	56291.10547	504123.3	5410807.0
L4120.0	504123.3	5410805.2	68521.20313	316.16	0	48.850202	-86.943795	56277.09	56234.9	15.08	56292.17	56292.25391	56298.45215	56299.50000	504123.3	5410805.2
L4120.0	504123.3	5410805.2	68521.29688	316.40	0	48.850202	-86.943795	56276.84	56234.9	15.08	56291.92	56292.00391	56294.18064	56295.21875	504123.3	5410805.2
L4120.0	504123.3	5410803.9	68521.39844	314.40	0	48.850190	-86.943795	56277.04	56234.9	15.08	56292.12	56292.20313	56300.49757	56301.52734	504123.3	5410803.9
L4120.0	504123.3	5410802.3	68521.50000	315.13	0	48.850176	-86.943795	56276.20	56234.9	15.07	56291.28	56291.36328	56281.45671	56282.48047	504123.3	5410802.3
L4120.0	504123.3	5410801.0	68521.60156	315.54	0	48.850164	-86.943795	56276.76	56234.9	15.07	56291.84	56291.92578	56296.86036	56297.87500	504123.3	5410801.0
L4120.0	504123.3	5410801.0	68521.70313	313.11	0	48.850164	-86.943795	56276.09	56234.9	15.07	56291.17	56291.25391	56281.17833	56282.18750	504123.3	5410801.0
L4120.0	504123.3	5410799.5	68521.79688	310.40	0	48.850151	-86.943795	56276.51	56234.9	15.07	56291.58	56291.66406	56293.29515	56294.30078	504123.3	5410799.5
L4120.0	504123.3	5410797.8	68521.89844	309.92	0	48.850135	-86.943795	56276.13	56234.9	15.07	56291.20	56291.28516	56284.69394	56285.69531	504123.3	5410797.8
L4120.0	504123.3	5410797.8	68522.00000	321.64	0	48.850135	-86.943795	56276.47	56234.9	15.07	56291.54	56291.62500	56295.34227	56296.33984	504123.3	5410797.8
L4120.0	504123.3	5410796.0	68522.10156	321.66	0	48.850119	-86.943795	56276.28	56234.9	15.07	56291.35	56291.43359	56291.41366	56292.40625	504123.3	5410796.0
L4120.0	504123.3	5410794.8	68522.20313	320.90	0	48.850108	-86.943795	56276.23	56234.9	15.08	56291.30	56291.38672	56291.46314	56292.45313	504123.3	5410794.8
L4120.0	504123.3	5410794.8	68522.29688	319.42	0	48.850108	-86.943795	56276.24	56234.9	15.08	56291.32	56291.40625	56292.81629	56293.80469	504123.3	5410794.8
L4120.0	504123.3	5410793.0	68522.39844	319.93	0	48.850092	-86.943795	56275.54	56234.9	15.08	56290.63	56290.71484	56280.81734	56281.80469	504123.3	5410793.0
L4120.0	504123.3	5410791.6	68522.50000	320.09	0	48.850079	-86.943795	56276.20	56234.9	15.08	56291.28	56291.36719	56294.03568	56295.02344	504123.3	5410791.6
L4120.0	504123.3	5410790.3	68522.60156	320.22	0	48.850068	-86.943795	56275.77	56234.9	15.09	56290.86	56290.94531	56287.03541	56288.02344	504123.3	5410790.3
L4120.0	504123.3	5410790.3	68522.70313	319.74	0	48.850068	-86.943795	56276.54	56234.9	15.09	56291.63	56291.71484	56302.67146	56303.66016	504123.3	5410790.3
L4120.0	504123.2	5410788.6	68522.79688	321.34	0	48.850052	-86.943796	56275.66	56234.9	15.09	56290.75	56290.83594	56286.82990	56287.82031	504123.2	5410788.6
L4120.0	504123.2	5410788.6	68522.89844	320.65	0	48.850052	-86.943796	56275.92	56234.9	15.10	56291.02	56291.10547	56292.94097	56293.93359	504123.2	5410788.6
L4120.0	504123.2	5410787.0	68523.00000	319.21	0	48.850039	-86.943796	56275.33	56234.9	15.10	56290.43	56290.51563	56282.56261	56283.55859	504123.2	5410787.0
L4120.0	504123.2	5410785.5	68523.00000	319.21	0	48.850025	-86.943796	56275.56	56234.9	15.10	56290.66	56290.74609	56287.89468	56288.89453	504123.2	5410785.5
L4120.0	504123.2	5410784.0	68523.20313	317.06	0	48.850011	-86.943797	56275.77	56234.9	15.10	56290.87	56290.95703	56292.83465	56293.83594	504123.2	5410784.0
L4120.0	504123.2	5410784.0	68523.29688	317.72	0	48.850011	-86.943797	56275.46	56234.9	15.10	56290.56	56290.64844	56287.78194	56288.78906	504123.2	5410784.0
L4120.0	504123.2	5410782.7	68523.39844	322.17	0	48.849999	-86.943797	56275.97	56234.9	15.10	56291.07	56291.16016	56298.43331	56299.44531	504123.2	5410782.7
L4120.0	504123.2	5410782.7	68523.50000	322.02	0	48.849999	-86.943797	56275.51	56234.9	15.10	56290.61	56290.69922	56290.48478	56291.50391	504123.2	5410782.7
L4120.0	504123.1	5410780.9	68523.60156	314.64	0	48.849983	-86.943797	56276.05	56234.9	15.10	56291.15	56291.23828	56301.62234	56302.64844	504123.1	5410780.9
L4120.0	504123.1	5410779.8	68523.70313	315.41	0	48.849974	-86.943798	56275.10	56234.9	15.10	56290.20	56290.28906	56284.35648	56285.38672	504123.1	5410779.8
L4120.0	504123.1	5410779.8	68523.79688	316.73	0	48.849974	-86.943798	56275.43	56234.9	15.10	56290.53	56290.62109	56291.42659	56292.46484	504123.1	5410779.8
L4120.0	504123.1	5410778.3	68523.89844	317.41	0	48.849960	-86.943798	56275.16	56234.9	15.10	56290.26	56290.35156	56287.11805	56288.16406	504123.1	5410778.3
L4120.0	504123.1	5410777.0	68524.00000	317.96	0	48.849948	-86.943798	56275.56	56234.9	15.10	56290.66	56290.75000	56295.37700	56296.43359	504123.1	5410777.0
L4120.0	504123.1	5410777.0	68524.10156	304.34	0	48.849948	-86.943798	56275.69	56234.9	15.10	56290.79	56290.88281	56298.49297	56299.55859	504123.1	5410777.0
L4120.0	504123.1	5410775.6	68524.20313	303.09	0	48.849936	-86.943798	56275.32	56234.9	15.10	56290.42	56290.51172	56292.31173	56293.38672	504123.1	5410775.6
L4120.0	504123.1	5410774.1	68524.29688	318.14	0	48.849923	-86.943798	56275.51	56234.9	15.10	56290.61	56290.70313	56296.46883	56297.55469	504123.1	5410774.1
L4120.0	504123.1	5410772.4	68524.39844	320.83	0	48.849907	-86.943798	56274.64	56234.9	15.10	56289.74	56289.83594	56277.12034	56278.21484	504123.1	5410772.4
L4120.0	504123.1	5410770.8	68524.50000	320.21	0	48.849893	-86.943799	56275.44	56234.9	15.10	56290.54	56290.63672	56299.91652	56301.02344	504123.1	5410770.8
L4120.0	504123.1	5410770.8	68524.60156	320.94	0	48.849893	-86.943799	56275.02	56234.9	15.10	56290.12	56290.21875	56289.58400	56290.70313	504123.1	5410770.8
L4120.0	504123.1	5410769.7	68524.70313	321.12	0	48.849883	-86.943799	56275.36	56234.9	15.10	56290.46	56290.55859	56299.75830	56300.88672	504123.1	5410769.7
L4120.0	504123.1	5410768.3	68524.79688	322.53	0	48.849870	-86.943799	56274.46	56234.9	15.10	56289.56	56289.66016	56276.49926	56277.64063	504123.1	5410768.3
L4120.0	504123.0	5410766.8	68524.89844	310.54	0	48.849856	-86.943799	56274.77	56234.9	15.10	56289.87	56289.96875	56285.79954	56286.95313	504123.0	5410766.8
L4120.0	504123.0	5410765.5	68525.00000	310.33	0	48.849845	-86.943799	56275.06	56234.9	15.10	56290.16	56290.26172	56294.55463	56295.72266	504123.0	5410765.5
L4120.0	504123.0	5410765.5	68525.00000	310.33	0	48.849845	-86.943799	56274.44	56234.9	15.10	56289.54	56289.64063	56278.64734	56279.82813	504123.0	5410765.5
L4120.0	504123.0	5410764.2	68525.20313	311.86	0	48.849833	-86.943799	56274.64	56234.9	15.10	56289.74	56289.84375	56285.68829	56286.88281	504123.0	5410764.2
L4120.0	504123.0	5410762.8	68525.29688	311.83	0	48.849821	-86.943799	56274.11	56234.9	15.09	56289.20	56289.30469	56276.21999	56277.42969	504123.0	5410762.8
L4120.0	504123.0	5410762.8	68525.39844	323.27	0	48.849821	-86.943799	56274.95	56234.9	15.09	56290.04	56290.14453	56292.08069	56293.30469	504123.0	5410762.8
L4120.0	504123.0	5410761.3	68525.50000	321.15	0	48.849807	-86.943799	56274.04	56234.9	15.09	56289.13	56289.23828	56275.64536	56276.88281	504123.0	5410761.3
L4120.0	504123.0	5410759.6	68525.60156	308.89	0	48.849791	-86.943799	56274.21	56234.9	15.09	56289.30	56289.41016	56279.13410	56280.38672	504123.0	5410759.6
L4120.0	504123.0	5410759.6	68525.70313	309.57	0	48.849791	-86.943799	56274.26	56234.9	15.09	56289.34	56289.44922	56280.20260	56281.46875	504123.0	5410759.6
L4120.0	504123.0	5410758.6	68525.79688	320.25	0	48.849782	-86.943799	56275.10	56234.9	15.08	56290.19	56290.30078	56296.47910	56297.76172	504123.0	5410758.6
L4120.0	504123.0	5410757.2	68525.89844	320.68	0	48.849770	-86.943799	56275.20	56234.9	15.08	56290.29	56290.40234	56298.71216	56300.00781	504123.0	5410757.2
L4120.0	504123.0	5410755.6	68526.00000	322.22	0	48.849756	-86.943800	56274.97	56234.9	15.08	56290.05	56290.16797	56294.49779	56295.81250	504123.0	5410755.6
L4120.0	504123.0	5410754.3	68526.10156	323.14	0	48.849744	-86.943800	56274.85	56234.9	15.08	56289.93	56290.04688	56292.50648	56293.83594	504123.0	5410754.3
L4120.0	504123.0	5410754.3	68526.20313	323.83	0	48.849744	-86.943800	56274.29	56234.9	15.08	56289.36	56289.48047	56281.92852	56283.27344	504123.0	5410754.3
L4120.0	504123.0	5410752.7	68526.29688	314.12	0	48.849730	-86.943800	56274.91	56234.9	15.08	56289.98	56290.10156	56293.93236	56295.28906	504123.0	5410752.7
L4120.0	504123.0	5410751.2	68526.39844	317.67	0	48.849716	-86.943800	56274.74	56234.9	15.08	56289.82	56289.94531	56291.08389	56292.45703	504123.0	5410751.2

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4120.0	504123.0	5410751.2	68526.50000	327.68	0	48.849716	-86.943800	56275.13	56234.9	15.08	56290.20	56290.32422	56298.46859	56299.85938	504123.0	5410751.2
L4120.0	504122.9	5410749.6	68526.60156	326.18	0	48.849702	-86.943800	56274.46	56234.9	15.07	56289.54	56289.66797	56286.07857	56287.48438	504122.9	5410749.6
L4120.0	504122.9	5410748.0	68526.70313	323.07	0	48.849687	-86.943800	56274.49	56234.9	15.07	56289.56	56289.69141	56286.58046	56288.00391	504122.9	5410748.0
L4120.0	504122.9	5410746.6	68526.79688	320.88	0	48.849675	-86.943800	56274.39	56234.9	15.07	56289.46	56289.59375	56284.79534	56286.23438	504122.9	5410746.6
L4120.0	504122.9	5410746.6	68526.89844	317.51	0	48.849675	-86.943800	56274.23	56234.9	15.07	56289.30	56289.43359	56281.88031	56283.33203	504122.9	5410746.6
L4120.0	504122.9	5410744.6	68527.00000	314.77	0	48.849657	-86.943801	56273.96	56234.9	15.07	56289.03	56289.16797	56276.93068	56278.40234	504122.9	5410744.6
L4120.0	504122.9	5410743.3	68527.00000	314.77	0	48.849645	-86.943801	56274.06	56234.9	15.07	56289.13	56289.26953	56278.87684	56280.36328	504122.9	5410743.3
L4120.0	504122.9	5410743.3	68527.20313	314.21	0	48.849645	-86.943801	56275.00	56234.9	15.07	56290.07	56290.21484	56296.18834	56297.68750	504122.9	5410743.3
L4120.0	504122.9	5410741.5	68527.29688	314.02	0	48.849629	-86.943801	56274.95	56234.9	15.07	56290.02	56290.16406	56298.49468	56300.01172	504122.9	5410741.5
L4120.0	504122.9	5410740.1	68527.39844	315.63	0	48.849617	-86.943801	56275.07	56234.9	15.07	56290.15	56290.29688	56301.65396	56303.18359	504122.9	5410740.1
L4120.0	504122.9	5410740.1	68527.50000	316.95	0	48.849617	-86.943801	56274.21	56234.9	15.07	56289.29	56289.44141	56278.34312	56279.89063	504122.9	5410740.1
L4120.0	504122.9	5410738.1	68527.60156	317.84	0	48.849599	-86.943801	56274.52	56234.9	15.08	56289.59	56289.74609	56286.05008	56287.61328	504122.9	5410738.1
L4120.0	504122.9	5410736.7	68527.70313	315.98	0	48.849586	-86.943801	56274.46	56234.9	15.08	56289.54	56289.69922	56284.42402	56286.00000	504122.9	5410736.7
L4120.0	504122.9	5410736.7	68527.79688	317.12	0	48.849586	-86.943801	56274.70	56234.9	15.08	56289.78	56289.94141	56290.35522	56291.94531	504122.9	5410736.7
L4120.0	504122.9	5410734.9	68527.89844	319.04	0	48.849570	-86.943801	56274.70	56234.9	15.08	56289.77	56289.93359	56289.71023	56291.31641	504122.9	5410734.9
L4120.0	504122.9	5410733.3	68528.00000	309.63	0	48.849555	-86.943801	56274.62	56234.9	15.08	56289.70	56289.86719	56287.49881	56289.12109	504122.9	5410733.3
L4120.0	504122.9	5410733.3	68528.10156	311.64	0	48.849555	-86.943801	56274.44	56234.9	15.08	56289.52	56289.69141	56282.44178	56284.07813	504122.9	5410733.3
L4120.0	504122.9	5410731.7	68528.20313	323.66	0	48.849541	-86.943800	56274.36	56234.9	15.08	56289.45	56289.62500	56280.21119	56281.85938	504122.9	5410731.7
L4120.0	504122.9	5410731.7	68528.29688	323.24	0	48.849541	-86.943800	56274.41	56234.9	15.09	56289.50	56289.67969	56281.04542	56282.70703	504122.9	5410731.7
L4120.0	504123.0	5410730.3	68528.39844	321.05	0	48.849528	-86.943800	56274.59	56234.9	15.09	56289.68	56289.86328	56285.20856	56286.88281	504123.0	5410730.3
L4120.0	504123.0	5410728.6	68528.50000	320.87	0	48.849513	-86.943800	56274.92	56234.9	15.09	56290.01	56290.19922	56293.25615	56294.94531	504123.0	5410728.6
L4120.0	504123.0	5410727.0	68528.60156	319.53	0	48.849499	-86.943800	56275.20	56234.9	15.09	56290.29	56290.48047	56300.05796	56301.76172	504123.0	5410727.0
L4120.0	504123.0	5410727.0	68528.70313	316.93	0	48.849499	-86.943800	56275.44	56234.9	15.09	56290.53	56290.72656	56305.88733	56307.60156	504123.0	5410727.0
L4120.0	504123.0	5410725.9	68528.79688	313.91	0	48.849489	-86.943800	56275.38	56234.9	15.10	56290.47	56290.67188	56303.87579	56305.60547	504123.0	5410725.9
L4120.0	504123.0	5410724.5	68528.89844	313.93	0	48.849476	-86.943800	56274.77	56234.9	15.10	56289.87	56290.07422	56287.42931	56289.17188	504123.0	5410724.5
L4120.0	504123.0	5410724.5	68529.00000	313.39	0	48.849476	-86.943800	56274.85	56234.9	15.10	56289.95	56290.16016	56288.94981	56290.70703	504123.0	5410724.5
L4120.0	504123.0	5410723.1	68529.00000	313.39	0	48.849464	-86.943800	56274.70	56234.9	15.10	56289.79	56290.00391	56283.95212	56285.71875	504123.0	5410723.1
L4120.0	504123.0	5410721.5	68529.20313	311.58	0	48.849449	-86.943799	56275.01	56234.9	15.10	56290.11	56290.33203	56290.85935	56292.63672	504123.0	5410721.5
L4120.0	504123.0	5410720.0	68529.29688	312.68	0	48.849436	-86.943799	56275.02	56234.9	15.10	56290.12	56290.34375	56290.45500	56292.24609	504123.0	5410720.0
L4120.0	504123.0	5410719.1	68529.39844	313.57	0	48.849427	-86.943799	56275.33	56234.9	15.10	56290.42	56290.65234	56295.44497	56297.24609	504123.0	5410719.1
L4120.0	504123.0	5410719.1	68529.50000	315.66	0	48.849427	-86.943799	56274.82	56234.9	15.09	56289.91	56290.14453	56285.20211	56287.01953	504123.0	5410719.1
L4120.0	504123.0	5410717.4	68529.60156	318.50	0	48.849413	-86.943799	56274.90	56234.9	15.09	56289.99	56290.23047	56285.99458	56287.82031	504123.0	5410717.4
L4120.0	504123.0	5410715.8	68529.70313	321.64	0	48.849398	-86.943799	56274.86	56234.9	15.09	56289.95	56290.19922	56284.48501	56286.32031	504123.0	5410715.8
L4120.0	504123.0	5410715.8	68529.79688	322.32	0	48.849398	-86.943799	56274.97	56234.9	15.09	56290.06	56290.31250	56285.81184	56287.66016	504123.0	5410715.8
L4120.0	504123.0	5410713.9	68529.89844	322.20	0	48.849381	-86.943799	56275.20	56234.9	15.09	56290.29	56290.55078	56289.42572	56291.28516	504123.0	5410713.9
L4120.0	504123.0	5410712.6	68530.00000	321.00	0	48.849369	-86.943799	56275.28	56234.9	15.09	56290.37	56290.63672	56290.14578	56292.01953	504123.0	5410712.6
L4120.0	504123.0	5410711.2	68530.10156	321.82	0	48.849357	-86.943799	56275.26	56234.9	15.09	56290.35	56290.62500	56288.91818	56290.80078	504123.0	5410711.2
L4120.0	504123.0	5410711.2	68530.20313	324.22	0	48.849357	-86.943799	56274.95	56234.9	15.09	56290.03	56290.30859	56281.89829	56283.78906	504123.0	5410711.2
L4120.0	504123.0	5410709.4	68530.29688	322.84	0	48.849340	-86.943799	56275.25	56234.9	15.09	56290.34	56290.62500	56286.96275	56288.86328	504123.0	5410709.4
L4120.0	504123.0	5410708.0	68530.39844	323.24	0	48.849328	-86.943799	56275.00	56234.9	15.09	56290.08	56290.37500	56281.05946	56282.97266	504123.0	5410708.0
L4120.0	504123.0	5410708.0	68530.50000	323.85	0	48.849328	-86.943799	56275.11	56234.9	15.08	56290.19	56290.49219	56282.23660	56284.16016	504123.0	5410708.0
L4120.0	504123.0	5410706.8	68530.60156	324.42	0	48.849317	-86.943799	56275.15	56234.9	15.08	56290.24	56290.55078	56282.23942	56284.17578	504123.0	5410706.8
L4120.0	504123.0	5410705.4	68530.70313	321.71	0	48.849304	-86.943800	56275.36	56234.9	15.08	56290.44	56290.75781	56285.08172	56287.02734	504123.0	5410705.4
L4120.0	504123.0	5410703.7	68530.79688	311.06	0	48.849289	-86.943800	56275.72	56234.9	15.08	56290.80	56291.12500	56290.93763	56292.89063	504123.0	5410703.7
L4120.0	504123.0	5410703.7	68530.89844	310.49	0	48.849289	-86.943800	56275.71	56234.9	15.08	56290.79	56291.12109	56289.71405	56291.67969	504123.0	5410703.7
L4120.0	504123.0	5410702.2	68531.00000	319.04	0	48.849275	-86.943800	56275.74	56234.9	15.08	56290.82	56291.16016	56289.23170	56291.21094	504123.0	5410702.2
L4120.0	504123.0	5410700.9	68531.00000	319.04	0	48.849264	-86.943800	56275.56	56234.9	15.08	56290.64	56290.98828	56284.75055	56286.73828	504123.0	5410700.9
L4120.0	504122.9	5410699.2	68531.20313	305.87	0	48.849249	-86.943801	56275.77	56234.9	15.08	56290.85	56291.20703	56287.63800	56289.63281	504122.9	5410699.2
L4120.0	504122.9	5410699.2	68531.29688	306.75	0	48.849249	-86.943801	56275.76	56234.9	15.09	56290.85	56291.21875	56286.52728	56288.53516	504122.9	5410699.2
L4120.0	504122.9	5410697.6	68531.39844	317.37	0	48.849234	-86.943801	56275.95	56234.9	15.09	56291.03	56291.40625	56288.79797	56290.81641	504122.9	5410697.6
L4120.0	504122.9	5410696.2	68531.50000	319.42	0	48.849222	-86.943801	56276.09	56234.9	15.09	56291.18	56291.56641	56290.48141	56292.51172	504122.9	5410696.2
L4120.0	504122.9	5410694.7	68531.60156	321.29	0	48.849208	-86.943802	56276.33	56234.9	15.09	56291.42	56291.81641	56293.85171	56295.89063	504122.9	5410694.7
L4120.0	504122.9	5410694.7	68531.70313	322.71	0	48.849208	-86.943802	56276.61	56234.9	15.09	56291.71	56292.11719	56298.16263	56300.21094	504122.9	5410694.7
L4120.0	504122.9	5410692.8	68531.79688	320.87	0	48.849191	-86.943802	56276.27	56234.9	15.10	56291.37	56291.78516	56290.50746	56292.56641	504122.9	5410692.8
L4120.0	504122.9	5410692.8	68531.89844	320.27	0	48.849191	-86.943802	56276.41	56234.9	15.10	56291.50	56291.92578	56291.75221	56293.82422	504122.9	5410692.8
L4120.0	504122.9	5410691.7	68532.00000	319.88	0	48.849181	-86.943802	56276.23	56234.9	15.10	56291.33	56291.76563	56287.25537	56289.33984	504122.9	5410691.7
L4120.0	504122.9	5410690.1	68532.10156	317.75	0	48.849167	-86.943802	56276.56	56234.9	15.10	56291.66	56292.10547	56292.30214	56294.39844	504122.9	5410690.1
L4120.0	504122.9	5410690.1	68532.20313	318.00	0	48.849167	-86.943802	56276.45	56234.9	15.10	56291.54	56291.99609	56288.71111	56290.81641	504122.9	5410690.1
L4120.0	504122.9	5410688.6	68532.29688	319.24	0	48.849153	-86.943802	56276.71	56234.9	15.10	56291.81	56292.27734	56292.61174	56294.73047	504122.9	5410688.6
L4120.0	504122.9	5410687.0	68532.39844	321.08	0	48.849139	-86.943802	56276.76	56234.9	15.10	56291.86	56292.33984	56292.26581	56294.39844	504122.9	5410687.0
L4120.0	504122.9	5410687.0	68532.50000	324.86	0	48.849139	-86.943802	56276.84	56234.9	15.09	56291.93	56292.42188	56292.29524	56294.44141	504122.9	5410687.0
L4120.0	504122.9	5410685.3	68532.60156	328.18	0	48.849123	-86.943802	56277.02	56234.9	15.09	56292.11	56292.61328	56294.44713	56296.60547	504122.9	5410685.3
L4120.0	504122.9	5410683.8	68532.70313	327.65	0	48.849110	-86.943802	56276.98	56234.9	15.09	56292.07	56292.58594	56292.32684	56294.50000	504122.9	5410683.8
L4120.0	504122.9	5410682.4	68532.79688	325.82	0	48.849097	-86.943802	56277.17	56234.9	15.09	56292.26	56292.78906	56294.65413	56296.83984	504122.9	5410682.4
L4120.0	504122.9	5410681.1	68532.89844	312.13	0	48.849086	-86.943802	56276.74	56234.9	15.09	56291.83	56292.37109	56284.98823	56287.18750	504122.9	5410681.1
L4120.0	504122.9	5410681.1	68533.00000	309.53	0	48.849086	-86.943802	56277.20	56234.9	15.09	56292.28	56292.83594	56292.32435	56294.53906	504122.9	5410681.1
L4120.0	504122.9	5410679.6	68533.00000	309.53	0	48.849072	-86.943802	56277.22	56234.9	15.09	56292.31	56292.87891	56291.54639	56293.77734	504122.9	5410679.6
L4120.0	504122.9	5410679.6	68533.20313	316.59	0	48.849072	-86.943802	56277.84	56234.9	15.09	56292.93	56293.51172	56302.08318	56304.32813	504122.9	5410679.6
L4120.0	504122.9	5410678.1	68533.29688	316.30	0	48.849059	-86.943802	56277.68	56234.9	15.10	56292.78	56293.37500	56297.83944	56300.10156	504122.9	5410678.1
L4120.0	504122.9	5410676.7	68533.39844	317.51	0	48.849046	-86.943802	56277.73	56234.9	15.10	56292.83	56293.43750	56297.43420	56299.71484	504122.9	5410676.7
L4120.0	504122.9	5410676.7	68533.50000	318.43	0	48.849046	-86.943802	56277.68	56234.9	15.10	56292.78	56293.40234	56295.12778	56297.42578	504122.9	5410676.7
L4120.0	504122.9	5410675.6	68533.60156	317.30	0	48.849037	-86.943802	56277.78	56234.9	15.10	56292.88	56293.51953	56295.68684	56298.00391	504122.9	5410675.6
L4120.0	504122.9	5410674.5	68533.70313	317.70	0	48.849026	-86.943802	56277.98	56234.9	15.10	56293.08	56293.73438	56298.15339	56300.48828	504122.9	5410674.5
L4120.0	504122.9	5410674.5	68533.79688	317.14	0	48.849026	-86.943802	56277.79	56234.9	15.11	56292.89	56293.55859	56293.20120	56295.55469	504122.9	5410674.5
L4120.0	504122.9	5410673.0	68533.89844	318.62	0	48.849013	-86.943802	56278.04	56234.9	15.11	56293.14	56293.82422	56296.63339	56299.00781	504122.9	5410673.0
L4120.0	504122.9	5410671.4	68534.00000	319.09	0	48.848999	-86.943802	56277.86	56234.9	15.11	56292.97	56293.66797	56292.06663	56294.46484	504122.9	5410671.4
L4120.0	504122.9	5410670.3	68534.10156	319.13	0	48.848989	-86.943802	56278.14	56234.9	15.11	56293.25	56293.96484	56296.09451	56298.51563	504122.9	5410670.3
L4120.0	504122.9	5410670.3	68534.20313	317.39	0	48.848989	-86.943802	56278.09	56234.9	15.11	56293.21	56293.94141	56294.01633	56296.45703	504122.9	5410670.3
L4120.0	504122.9	5410668.9	68534.29688	319.46	0	48.848976	-86.943802	56278.06	56234.9	15.11	56293.17	56293.91797	56291.93706	56294.40234	504122.9	5410668.9
L4120.0	504122.9	5410667.5	68534.39844	319.78	0	48.848963	-86.943802	56278.26	56234.9	15.11	56293.38	56294.14453	56294.67222	56297.16406	504122.9	5410667.5
L4120.0	504122.9	5410666.0	68534.50000	320.82	0	48.848950	-86.943802	56278.32	56234.9	15.11	56293.44	56294.21875	56294.53560	56297.05469	504122.9	5410666.0
L4120.0	504122.9	5410666.0	68534.60156	319.11	0	48.848950	-86.943802	56278.44	56234.9	15.12	56293.56	56294.35547	56295.57122	56298.11328	504122.9	5410666.0
L4120.0	504122.9	5410664.8	68534.70313	319.77	0	48.848939	-86.943802	56278.40	56234.9	15.12	56293.51	56294.32422	56293.32610	56295.89844	504122.9	5410664.8
L4120.0	504122.9	5410663.4	68534.79688	320.99	0	48.848926	-86.943802	56278.62	56234.9	15.12	56293.74	56294.57031	56296.52678	56299.12500	504122.9	5410663.4
L4120.0	504122.9	5410663.4	68534.89844	319.24	0	48.848926	-86.943802	56278.72	56234.9	15.12	56293.84	56294.68750	56297.22241	56299.85156	504122.9	5410663.4
L4120.0	504122.9	5410662.0	68535.00000	318.13	0	48.848914	-86.943802	56278.63	56234.9	15.12	56293.75	56294.61719	56294.23254	56296.89453	504122.9	5410662.0
L4120.0	504122.9	5410661.0	68535.00000	318.13	0	48.848905	-86.943802	56278.42	56234.9	15.12	56293.54	56294.42578	56288.90537	56291.59766	504122.9	5410661.0
L4120.0	504122.9	5410660.1	68535.20313	305.48	0	48.848896	-86.943802	56278.76	56234.9	15.12	56293.88	56294.78516	56294.33673	56297.06250	504122.9	5410660.1
L4120.0	504122.9	5410660.1	68535.29688	314.14	0	48.848896	-86.943802	56279.01	56234.9	15.12	56294.13	56295.05469	56298.05149	56300.81250	504122.9	5410660.1
L4120.0	504122.9	5410658.6	68535.39844	314.24	0	48.848883	-86.943802	56278.88	56234.9	15.12	56293.99	56294.93359	56294.12143	56296.91797	504122.9	5410658.6
L4120.0	504122.9	5410657.1	68535.50000	317.06	0	48.848870	-86.943801	56278.88	56234.9	15.12	56294.00	56294.96094	56293.14702	56295.98047	504122.9	5410657.1
L4120.0	504122.9	5410657.1	68535.60156	318.13	0	48.848870	-86.943801	56279.00	56234.9	15.11	56294.12	56295.10156	56294.38055	56297.25000	504122.9	5410657.1
L4120.0	504122.9	5410655.9	68535.70313	319.27	0	48.848859	-86.943801	56279.26	56234.9	15.11	56294.38	56295.37891	56298.48639	56301.39844	504122.9	5410655.9

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4120.0	504123.0	5410654.7	68535.79688	319.59	0	48.848848	-86.943801	56279.32	56234.9	15.11	56294.43	56295.44922	56298.40950	56301.35938	504123.0	5410654.7
L4120.0	504123.0	5410653.4	68535.89844	317.26	0	48.848837	-86.943800	56279.43	56234.9	15.11	56294.55	56295.58984	56299.80005	56302.79297	504123.0	5410653.4
L4120.0	504123.0	5410653.4	68536.00000	319.23	0	48.848837	-86.943800	56279.19	56234.9	15.11	56294.30	56295.35938	56293.52336	56296.56250	504123.0	5410653.4
L4120.0	504123.0	5410652.0	68536.10156	318.47	0	48.848823	-86.943800	56279.24	56234.9	15.11	56294.35	56295.43359	56293.46164	56296.54297	504123.0	5410652.0
L4120.0	504123.0	5410652.0	68536.20313	319.64	0	48.848823	-86.943800	56279.46	56234.9	15.11	56294.58	56295.68359	56297.25662	56300.38672	504123.0	5410652.0
L4120.0	504123.1	5410649.8	68536.29688	319.36	0	48.848804	-86.943800	56279.62	56234.9	15.11	56294.73	56295.85547	56299.42634	56302.60156	504123.1	5410649.8
L4120.0	504123.1	5410649.8	68536.39844	319.83	0	48.848804	-86.943800	56279.31	56234.9	15.11	56294.42	56295.56641	56291.69840	56294.92578	504123.1	5410649.8
L4120.0	504123.1	5410649.8	68536.50000	319.80	0	48.848804	-86.943800	56279.37	56234.9	15.12	56294.48	56295.64844	56291.95136	56295.22656	504123.1	5410649.8
L4120.0	504123.1	5410648.1	68536.60156	322.64	0	48.848789	-86.943799	56279.72	56234.9	15.12	56294.84	56296.02734	56298.79438	56302.12500	504123.1	5410648.1
L4120.0	504123.1	5410647.0	68536.70313	326.63	0	48.848779	-86.943799	56279.68	56234.9	15.12	56294.79	56296.00000	56296.72225	56300.10547	504123.1	5410647.0
L4120.0	504123.1	5410645.7	68536.79688	328.51	0	48.848767	-86.943799	56279.57	56234.9	15.12	56294.69	56295.92188	56293.57659	56297.01563	504123.1	5410645.7
L4120.0	504123.1	5410645.7	68536.89844	326.48	0	48.848767	-86.943799	56279.56	56234.9	15.12	56294.68	56295.93359	56292.43649	56295.93359	504123.1	5410645.7
L4120.0	504123.1	5410644.5	68537.00000	325.71	0	48.848756	-86.943799	56279.93	56234.9	15.12	56295.05	56296.32813	56299.59314	56303.14844	504123.1	5410644.5
L4120.0	504123.1	5410644.5	68537.00000	325.71	0	48.848756	-86.943799	56279.65	56234.9	15.12	56294.77	56296.07031	56292.66801	56296.28516	504123.1	5410644.5
L4120.0	504123.1	5410642.8	68537.20313	324.94	0	48.848741	-86.943799	56279.95	56234.9	15.13	56295.08	56296.40234	56298.48548	56302.16406	504123.1	5410642.8
L4120.0	504123.1	5410642.1	68537.29688	323.36	0	48.848735	-86.943799	56279.93	56234.9	15.13	56295.06	56296.40625	56297.24132	56300.98438	504123.1	5410642.1
L4120.0	504123.1	5410641.1	68537.39844	320.92	0	48.848726	-86.943799	56280.11	56234.9	15.13	56295.24	56296.60938	56300.20046	56304.00781	504123.1	5410641.1
L4120.0	504123.1	5410641.1	68537.50000	318.45	0	48.848726	-86.943799	56280.18	56234.9	15.14	56295.32	56296.71484	56301.03980	56304.91797	504123.1	5410641.1
L4120.0	504123.1	5410639.8	68537.60156	318.52	0	48.848715	-86.943799	56280.21	56234.9	15.14	56295.35	56296.76953	56300.86084	56304.80859	504123.1	5410639.8
L4120.0	504123.1	5410638.6	68537.70313	318.57	0	48.848703	-86.943799	56280.48	56234.9	15.14	56295.63	56297.07031	56305.56814	56309.58594	504123.1	5410638.6
L4120.0	504123.1	5410638.6	68537.79688	317.28	0	48.848703	-86.943799	56280.34	56234.9	15.14	56295.48	56296.94531	56301.88465	56305.97656	504123.1	5410638.6
L4120.0	504123.1	5410637.8	68537.89844	316.98	0	48.848696	-86.943799	56280.41	56234.9	15.15	56295.56	56297.05078	56302.64415	56306.80859	504123.1	5410637.8
L4120.0	504123.1	5410636.7	68538.00000	316.49	0	48.848687	-86.943799	56280.23	56234.8	15.15	56295.38	56296.89453	56297.96967	56302.21094	504123.1	5410636.7
L4120.0	504123.1	5410635.6	68538.10156	317.76	0	48.848677	-86.943799	56280.48	56234.9	15.15	56295.63	56297.16797	56303.55941	56307.87891	504123.1	5410635.6
L4120.0	504123.1	5410635.6	68538.20313	315.90	0	48.848677	-86.943799	56279.85	56234.9	15.15	56295.00	56296.56250	56286.86476	56291.26563	504123.1	5410635.6
L4120.0	504123.1	5410634.5	68538.29688	319.10	0	48.848667	-86.943799	56280.16	56234.9	15.15	56295.31	56296.89844	56293.99439	56298.48047	504123.1	5410634.5
L4120.0	504123.1	5410634.5	68538.39844	317.29	0	48.848667	-86.943799	56279.95	56234.9	15.15	56295.10	56296.71484	56288.59582	56293.16406	504123.1	5410634.5
L4120.0	504123.1	5410633.6	68538.50000	307.06	0	48.848659	-86.943799	56280.13	56234.9	15.15	56295.28	56296.91797	56292.37584	56297.03125	504123.1	5410633.6
L4120.0	504123.1	5410632.5	68538.60156	306.22	0	48.848649	-86.943799	56280.06	56234.9	15.14	56295.20	56296.86328	56290.30609	56295.05078	504123.1	5410632.5
L4120.0	504123.1	5410632.5	68538.70313	308.22	0	48.848649	-86.943799	56280.21	56234.9	15.14	56295.36	56297.05078	56293.45600	56298.29297	504123.1	5410632.5
L4120.0	504123.1	5410631.6	68538.79688	309.62	0	48.848640	-86.943799	56280.30	56234.9	15.14	56295.44	56297.15625	56294.81996	56299.74609	504123.1	5410631.6
L4120.0	504123.1	5410630.6	68538.89844	308.96	0	48.848631	-86.943799	56280.03	56234.9	15.14	56295.17	56296.91016	56289.25740	56294.27734	504123.1	5410630.6
L4120.0	504123.1	5410630.6	68539.00000	310.37	0	48.848631	-86.943799	56280.52	56234.9	15.14	56295.66	56297.42969	56298.55155	56303.66797	504123.1	5410630.6
L4120.0	504123.1	5410629.8	68539.00000	310.37	0	48.848624	-86.943799	56280.62	56234.9	15.14	56295.76	56297.55469	56300.11890	56305.33594	504123.1	5410629.8
L4120.0	504123.1	5410629.1	68539.20313	311.39	0	48.848618	-86.943799	56280.92	56234.9	15.15	56296.06	56297.87891	56305.22672	56310.54297	504123.1	5410629.1
L4120.0	504123.1	5410628.3	68539.29688	311.83	0	48.848611	-86.943800	56280.59	56234.9	15.15	56295.74	56297.58594	56299.26511	56304.68359	504123.1	5410628.3
L4120.0	504123.1	5410628.3	68539.39844	310.67	0	48.848611	-86.943800	56280.84	56234.8	15.15	56296.00	56297.87109	56303.57575	56309.10156	504123.1	5410628.3
L4120.0	504123.0	5410626.7	68539.50000	308.62	0	48.848597	-86.943800	56280.90	56234.8	15.15	56296.06	56297.96094	56304.43195	56310.06250	504123.0	5410626.7
L4120.0	504123.0	5410626.7	68539.60156	308.01	0	48.848597	-86.943800	56280.64	56234.8	15.16	56295.80	56297.72656	56299.96076	56305.69922	504123.0	5410626.7
L4120.0	504123.0	5410626.0	68539.70313	308.28	0	48.848590	-86.943800	56280.64	56234.8	15.16	56295.80	56297.75391	56299.95744	56305.80859	504123.0	5410626.0
L4120.0	504123.0	5410626.0	68539.79688	307.06	0	48.848590	-86.943800	56280.16	56234.8	15.16	56295.32	56297.30078	56291.82669	56297.78906	504123.0	5410626.0
L4120.0	504123.0	5410625.0	68539.89844	307.93	0	48.848581	-86.943801	56280.31	56234.8	15.17	56295.48	56297.48828	56294.57137	56300.64844	504123.0	5410625.0
L4120.0	504123.0	5410624.0	68540.00000	308.77	0	48.848572	-86.943801	56280.21	56234.8	15.17	56295.38	56297.41406	56292.83115	56299.02344	504123.0	5410624.0
L4120.0	504123.0	5410623.3	68540.10156	306.59	0	48.848565	-86.943801	56280.69	56234.8	15.17	56295.86	56297.92188	56301.57058	56307.88281	504123.0	5410623.3
L4120.0	504123.0	5410623.3	68540.20313	305.56	0	48.848565	-86.943801	56280.39	56234.8	15.17	56295.57	56297.66016	56296.40515	56302.83594	504123.0	5410623.3
L4120.0	504123.0	5410622.5	68540.29688	306.32	0	48.848558	-86.943801	56280.41	56234.8	15.18	56295.59	56297.70703	56296.93609	56303.48828	504123.0	5410622.5
L4120.0	504123.0	5410622.5	68540.39844	304.61	0	48.848558	-86.943801	56280.26	56234.8	15.18	56295.44	56297.58203	56294.09094	56300.76953	504123.0	5410622.5
L4120.0	504122.9	5410621.6	68540.50000	304.06	0	48.848550	-86.943802	56280.28	56234.8	15.18	56295.46	56297.62891	56294.60321	56301.40625	504122.9	5410621.6
L4120.0	504122.9	5410620.8	68540.60156	305.19	0	48.848543	-86.943802	56280.23	56234.8	15.18	56295.42	56297.61719	56293.86584	56300.79688	504122.9	5410620.8
L4120.0	504122.9	5410620.8	68540.70313	316.01	0	48.848543	-86.943802	56280.34	56234.8	15.18	56295.52	56297.74609	56296.23254	56303.29297	504122.9	5410620.8
L4120.0	504122.9	5410620.3	68540.79688	316.79	0	48.848538	-86.943802	56280.64	56234.8	15.19	56295.83	56298.08203	56303.64538	56310.83984	504122.9	5410620.3
L4120.0	504122.8	5410619.5	68540.89844	319.04	0	48.848531	-86.943803	56280.34	56234.8	15.19	56295.52	56297.80078	56296.68713	56304.01172	504122.8	5410619.5
L4120.0	504122.8	5410618.9	68541.00000	321.74	0	48.848526	-86.943803	56280.16	56234.8	15.19	56295.35	56297.66016	56292.75319	56300.21484	504122.8	5410618.9
L4120.0	504122.8	5410618.9	68541.00000	321.74	0	48.848526	-86.943803	56279.90	56234.8	15.19	56295.09	56297.42578	56286.33567	56293.93359	504122.8	5410618.9
L4120.0	504122.8	5410618.2	68541.20313	323.31	0	48.848520	-86.943804	56280.21	56234.8	15.19	56295.40	56297.76563	56294.37976	56302.11719	504122.8	5410618.2
L4120.0	504122.8	5410618.2	68541.29688	321.64	0	48.848520	-86.943804	56280.11	56234.8	15.20	56295.30	56297.69141	56291.95457	56299.83594	504122.8	5410618.2
L4120.0	504122.7	5410617.3	68541.39844	322.85	0	48.848512	-86.943804	56280.34	56234.8	15.20	56295.53	56297.94922	56298.34762	56306.36719	504122.7	5410617.3
L4120.0	504122.7	5410616.8	68541.50000	322.24	0	48.848507	-86.943805	56280.34	56234.8	15.20	56295.54	56297.98828	56297.69549	56305.85938	504122.7	5410616.8
L4120.0	504122.7	5410616.2	68541.60156	320.58	0	48.848502	-86.943805	56280.26	56234.8	15.20	56295.46	56297.93750	56296.43276	56304.74219	504122.7	5410616.2
L4120.0	504122.7	5410616.2	68541.70313	320.07	0	48.848502	-86.943805	56280.41	56234.8	15.20	56295.61	56298.11328	56299.49967	56307.96094	504122.7	5410616.2
L4120.0	504122.6	5410615.7	68541.79688	318.54	0	48.848497	-86.943806	56280.32	56234.8	15.21	56295.53	56298.06250	56298.23705	56306.84766	504122.6	5410615.7
L4120.0	504122.6	5410614.9	68541.89844	316.48	0	48.848490	-86.943807	56280.43	56234.8	15.21	56295.64	56298.20313	56300.61090	56309.37109	504122.6	5410614.9
L4120.0	504122.5	5410614.5	68542.00000	317.05	0	48.848487	-86.943807	56280.26	56234.8	15.21	56295.47	56298.05859	56297.59802	56306.50781	504122.5	5410614.5
L4120.0	504122.5	5410614.5	68542.10156	316.05	0	48.848487	-86.943807	56280.18	56234.8	15.21	56295.39	56298.00781	56296.31431	56305.37891	504122.5	5410614.5
L4120.0	504122.5	5410614.1	68542.20313	315.32	0	48.848483	-86.943807	56279.80	56234.8	15.21	56295.01	56297.65625	56289.26249	56298.48438	504122.5	5410614.1
L4120.0	504122.5	5410613.7	68542.29688	315.33	0	48.848479	-86.943808	56279.75	56234.8	15.21	56294.96	56297.63281	56288.60556	56297.98438	504122.5	5410613.7
L4120.0	504122.5	5410613.7	68542.39844	315.43	0	48.848479	-86.943808	56280.26	56234.8	15.21	56295.47	56298.17188	56298.64067	56308.17969	504122.5	5410613.7
L4120.0	504122.4	5410613.1	68542.50000	316.69	0	48.848474	-86.943809	56280.11	56234.8	15.21	56295.32	56298.05078	56296.06101	56305.75781	504122.4	5410613.1
L4120.0	504122.4	5410612.7	68542.60156	318.42	0	48.848470	-86.943809	56280.06	56234.8	15.21	56295.26	56298.01953	56295.21199	56305.07031	504122.4	5410612.7
L4120.0	504122.4	5410612.3	68542.70313	320.13	0	48.848467	-86.943810	56280.18	56234.8	15.21	56295.39	56298.17969	56297.91941	56307.94141	504122.4	5410612.3
L4120.0	504122.4	5410612.3	68542.79688	321.31	0	48.848467	-86.943810	56279.79	56234.8	15.21	56295.00	56297.81641	56290.97529	56301.16016	504122.4	5410612.3
L4120.0	504122.3	5410611.7	68542.89844	322.00	0	48.848462	-86.943810	56279.75	56234.8	15.21	56294.96	56297.80469	56290.56281	56300.91406	504122.3	5410611.7
L4120.0	504122.3	5410611.7	68543.00000	320.89	0	48.848462	-86.943810	56280.38	56234.8	15.21	56295.59	56298.46484	56304.66023	56315.17578	504122.3	5410611.7
L4120.0	504122.3	5410611.3	68543.00000	320.89	0	48.848458	-86.943811	56280.37	56234.8	15.21	56295.58	56298.48047	56304.66910	56315.35156	504122.3	5410611.3
L4120.0	504122.2	5410610.9	68543.20313	319.32	0	48.848454	-86.943811	56279.88	56234.8	15.22	56295.10	56298.03125	56292.22404	56303.07813	504122.2	5410610.9
L4120.0	504122.2	5410610.5	68543.29688	321.27	0	48.848451	-86.943812	56279.98	56234.8	15.22	56295.20	56298.16016	56295.26171	56306.28516	504122.2	5410610.5
L4120.0	504122.2	5410610.5	68543.39844	322.93	0	48.848451	-86.943812	56280.30	56234.8	15.22	56295.52	56298.50781	56303.92045	56315.11328	504122.2	5410610.5
L4120.0	504122.1	5410610.1	68543.50000	322.30	0	48.848447	-86.943813	56280.14	56234.8	15.22	56295.37	56298.38672	56300.36378	56311.72656	504122.1	5410610.1
L4120.0	504122.1	5410610.1	68543.60156	313.36	0	48.848447	-86.943813	56279.96	56234.8	15.23	56295.19	56298.23438	56296.16296	56307.69922	504122.1	5410610.1
L4120.0	504122.1	5410609.7	68543.70313	313.31	0	48.848443	-86.943813	56280.06	56234.8	15.23	56295.29	56298.36328	56298.99530	56310.70703	504122.1	5410609.7
L4120.0	504122.1	5410609.3	68543.79688	312.44	0	48.848440	-86.943814	56279.92	56234.8	15.23	56295.15	56298.25391	56295.93190	56307.81641	504122.1	5410609.3
L4120.0	504122.0	5410609.0	68543.89844	312.18	0	48.848437	-86.943814	56279.95	56234.8	15.24	56295.19	56298.32031	56297.24019	56309.30078	504122.0	5410609.0
L4120.0	504122.0	5410608.7	68544.00000	311.95	0	48.848434	-86.943815	56280.00	56234.8	15.24	56295.24	56298.39844	56298.72148	56310.95313	504122.0	5410608.7
L4120.0	504122.0	5410608.7	68544.10156	312.40	0	48.848434	-86.943815	56280.00	56234.8	15.24	56295.25	56298.43750	56299.23179	56311.64453	504122.0	5410608.7
L4120.0	504122.0	5410608.4	68544.20313	315.41	0	48.848432	-86.943815	56279.65	56234.8	15.24	56294.89	56298.10547	56291.51611	56304.10547	504122.0	5410608.4
L4120.0	504122.0	5410608.4	68544.29688	314.39	0	48.848432	-86.943815	56279.57	56234.8	15.25	56294.82	56298.06641	56290.38685	56303.15625	504122.0	5410608.4
L4120.0	504121.9	5410607.9	68544.39844	313.25	0	48.848427	-86.943816	56279.90	56234.8	15.25	56295.15	56298.42188	56297.85191	56310.79688	504121.9	5410607.9
L4120.0	504121.9	5410607.9	68544.50000	312.45	0	48.848427	-86.943816	56279.88	56234.8	15.25	56295.13	56298.43359	56297.69420	56310.81641	504121.9	5410607.9
L4120.0	504121.9	5410607.6	68544.60156	309.65	0	48.848425	-86.943816	56279.80	56234.7	15.25	56295.05	56298.38281	56296.26925	56309.57422	504121.9	5410607.6
L4120.0	504121.9	5410607.4	68544.70313	309.46	0	48.848422	-86.943816	56279.68	56234.7	15.25	56294.93	56298.28906	56294.00593	56307.49219	504121.9	5410607.4
L4120.0	504121.8	5410607.1	68544.79688	309.21	0	48.848420	-86.943817	56279.48	56234.7	15.26	56294.74	56298.12891	56290.25374	56303.92188	504121.8	5410607.1
L4120.0	504121.8	5410607.1	68544.89844	310.77	0	48.848420	-86.943817	56279.68	56234.7	15.26	56294.93	56298.34766	56294.44853	56308.29297	504121.8	5410607.1
L4120.0	504121.8	5410607.0	68545.00000	310.40	0	48.848419	-86.943817	56280.08	56234.7	15.26	56295.34	56298.78516	56303.31968	56317.34375	504121.8	5410607.0

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4120.0	504121.8	5410606.8	68545.00000	310.40	0	48.848417	-86.943818	56279.95	56234.7	15.26	56295.21	56298.68359	56300.76369	56314.96875	504121.8	5410606.8
L4120.0	504121.7	5410606.6	68545.20313	309.96	0	48.848416	-86.943818	56279.42	56234.7	15.27	56294.68	56298.18359	56289.48960	56303.87891	504121.7	5410606.6
L4120.0	504121.7	5410606.6	68545.29688	311.26	0	48.848416	-86.943818	56279.62	56234.7	15.27	56294.89	56298.42188	56294.09610	56308.66797	504121.7	5410606.6
L4120.0	504121.7	5410606.5	68545.39844	313.60	0	48.848414	-86.943819	56279.34	56234.7	15.27	56294.61	56298.17188	56287.93520	56302.68750	504121.7	5410606.5
L4220.0	504221.0	5411466.4	66865.89844	326.23	0	48.856150	-86.942456	56243.76	56234.8	15.15	56258.91	56258.51172	56269.19254	56273.40625	504221.0	5411466.4
L4220.0	504221.0	5411466.2	66866.00000	326.32	0	48.856147	-86.942456	56243.58	56234.8	15.15	56258.73	56258.34375	56266.24383	56270.47656	504221.0	5411466.2
L4220.0	504221.0	5411466.2	66866.10156	328.40	0	48.856147	-86.942456	56243.40	56234.9	15.15	56258.55	56258.17188	56263.29487	56267.54688	504221.0	5411466.2
L4220.0	504221.1	5411465.8	66866.20313	328.18	0	48.856144	-86.942455	56243.15	56234.9	15.15	56258.30	56257.93359	56258.56836	56262.83984	504221.1	5411465.8
L4220.0	504221.1	5411465.5	66866.29688	328.20	0	48.856142	-86.942455	56243.56	56234.9	15.15	56258.71	56258.35156	56270.73886	56275.03125	504221.1	5411465.5
L4220.0	504221.1	5411465.5	66866.39844	329.12	0	48.856142	-86.942455	56243.52	56234.9	15.15	56258.67	56258.32422	56271.53033	56275.84375	504221.1	5411465.5
L4220.0	504221.1	5411465.2	66866.50000	329.30	0	48.856139	-86.942455	56242.82	56234.9	15.14	56257.96	56257.62500	56258.48831	56262.82031	504221.1	5411465.2
L4220.0	504221.2	5411464.9	66866.60156	329.25	0	48.856136	-86.942454	56242.90	56234.9	15.14	56258.04	56257.71484	56261.35246	56265.70313	504221.2	5411464.9
L4220.0	504221.2	5411464.9	66866.70313	327.30	0	48.856136	-86.942454	56242.50	56234.9	15.14	56257.65	56257.33203	56255.49007	56259.85938	504221.2	5411464.9
L4220.0	504221.2	5411464.4	66866.79688	327.76	0	48.856132	-86.942453	56242.74	56234.9	15.14	56257.88	56257.57422	56261.30508	56265.69531	504221.2	5411464.4
L4220.0	504221.2	5411464.4	66866.89844	327.12	0	48.856132	-86.942453	56242.70	56234.9	15.14	56257.84	56257.54297	56262.11618	56266.52734	504221.2	5411464.4
L4220.0	504221.3	5411464.0	66867.00000	326.83	0	48.856128	-86.942452	56242.54	56234.9	15.14	56257.68	56257.39453	56260.68520	56265.11719	504221.3	5411464.0
L4220.0	504221.4	5411463.6	66867.10156	327.30	0	48.856124	-86.942451	56242.62	56234.9	15.14	56257.76	56257.48438	56263.93263	56268.38281	504221.4	5411463.6
L4220.0	504221.4	5411463.2	66867.20313	327.46	0	48.856120	-86.942450	56242.41	56234.9	15.13	56257.55	56257.28516	56261.62446	56266.09375	504221.4	5411463.2
L4220.0	504221.4	5411463.2	66867.29688	330.81	0	48.856120	-86.942450	56242.16	56234.9	15.13	56257.29	56257.03516	56258.35335	56262.83984	504221.4	5411463.2
L4220.0	504221.6	5411462.6	66867.39844	330.26	0	48.856115	-86.942449	56242.10	56234.9	15.13	56257.23	56256.98438	56259.05499	56263.56250	504221.6	5411462.6
L4220.0	504221.6	5411462.6	66867.50000	329.49	0	48.856115	-86.942449	56242.44	56234.9	15.13	56257.56	56257.32422	56267.60900	56272.13672	504221.6	5411462.6
L4220.0	504221.7	5411462.1	66867.50000	329.49	0	48.856111	-86.942447	56242.87	56234.9	15.13	56258.00	56257.77344	56278.54573	56283.09375	504221.7	5411462.1
L4220.0	504221.8	5411461.5	66867.70313	330.04	0	48.856105	-86.942446	56243.02	56234.9	15.12	56258.14	56257.92578	56283.61082	56288.17578	504221.8	5411461.5
L4220.0	504221.9	5411460.9	66867.79688	333.10	0	48.856100	-86.942444	56243.00	56234.9	15.12	56258.11	56257.90625	56285.33098	56289.91797	504221.9	5411460.9
L4220.0	504221.9	5411460.9	66867.89844	332.17	0	48.856100	-86.942444	56242.90	56234.9	15.11	56258.01	56257.81641	56285.69018	56290.29688	504221.9	5411460.9
L4220.0	504222.0	5411460.4	66868.00000	331.98	0	48.856095	-86.942443	56242.54	56234.9	15.11	56257.65	56257.46484	56280.77697	56285.40234	504222.0	5411460.4
L4220.0	504222.1	5411459.9	66868.10156	331.03	0	48.856091	-86.942441	56242.92	56234.9	15.11	56258.03	56257.85547	56291.09086	56295.73438	504222.1	5411459.9
L4220.0	504222.2	5411459.4	66868.20313	331.76	0	48.856087	-86.942440	56242.92	56234.9	15.11	56258.03	56257.86719	56293.68379	56298.34766	504222.2	5411459.4
L4220.0	504222.2	5411459.4	66868.29688	332.28	0	48.856087	-86.942440	56241.83	56234.9	15.11	56256.94	56256.78906	56273.84072	56278.52344	504222.2	5411459.4
L4220.0	504222.3	5411458.8	66868.39844	334.37	0	48.856081	-86.942439	56241.41	56234.9	15.11	56256.52	56256.37891	56267.84970	56272.55469	504222.3	5411458.8
L4220.0	504222.4	5411458.4	66868.50000	333.87	0	48.856077	-86.942438	56240.95	56234.9	15.11	56256.06	56255.92969	56261.09325	56265.81641	504222.4	5411458.4
L4220.0	504222.4	5411457.8	66868.60156	334.16	0	48.856072	-86.942437	56240.64	56234.9	15.11	56255.75	56255.62891	56257.51192	56262.25391	504222.4	5411457.8
L4220.0	504222.4	5411457.8	66868.70313	332.73	0	48.856072	-86.942437	56240.49	56234.9	15.11	56255.60	56255.49219	56257.31985	56262.08203	504222.4	5411457.8
L4220.0	504222.5	5411457.3	66868.79688	330.98	0	48.856067	-86.942436	56239.94	56234.9	15.11	56255.05	56254.95313	56248.95135	56253.73047	504222.5	5411457.3
L4220.0	504222.5	5411456.8	66868.89844	331.76	0	48.856063	-86.942436	56239.84	56234.9	15.11	56254.95	56254.86328	56249.96771	56254.76953	504222.5	5411456.8
L4220.0	504222.5	5411456.8	66869.00000	330.99	0	48.856063	-86.942436	56240.00	56234.9	15.11	56255.11	56255.03125	56256.42063	56261.24219	504222.5	5411456.8
L4220.0	504222.5	5411456.3	66869.10156	331.23	0	48.856058	-86.942435	56240.20	56234.9	15.11	56255.31	56255.24219	56263.75903	56268.60156	504222.5	5411456.3
L4220.0	504222.6	5411455.8	66869.20313	331.22	0	48.856054	-86.942435	56240.47	56234.9	15.11	56255.57	56255.51563	56272.38540	56277.24609	504222.6	5411455.8
L4220.0	504222.6	5411455.8	66869.29688	329.87	0	48.856054	-86.942435	56240.14	56234.9	15.10	56255.25	56255.20703	56269.19487	56274.07422	504222.6	5411455.8
L4220.0	504222.6	5411455.1	66869.39844	329.39	0	48.856048	-86.942435	56239.73	56234.9	15.10	56254.84	56254.80859	56264.26975	56269.17188	504222.6	5411455.1
L4220.0	504222.6	5411455.1	66869.50000	329.82	0	48.856048	-86.942435	56239.63	56234.9	15.10	56254.73	56254.70703	56265.57078	56270.49219	504222.6	5411455.1
L4220.0	504222.5	5411453.8	66869.50000	329.82	0	48.856036	-86.942436	56239.29	56234.9	15.10	56254.39	56254.37891	56262.28071	56267.22266	504222.5	5411453.8
L4220.0	504222.5	5411453.8	66869.70313	330.45	0	48.856036	-86.942436	56239.50	56234.9	15.10	56254.60	56254.60156	56270.27090	56275.23047	504222.5	5411453.8
L4220.0	504222.5	5411453.2	66869.79688	331.12	0	48.856031	-86.942437	56239.43	56234.9	15.09	56254.52	56254.53125	56272.45420	56277.43359	504222.5	5411453.2
L4220.0	504222.4	5411452.4	66869.89844	331.21	0	48.856023	-86.942437	56239.12	56234.9	15.09	56254.21	56254.23438	56270.06987	56275.07031	504222.4	5411452.4
L4220.0	504222.4	5411452.4	66870.00000	330.44	0	48.856023	-86.942437	56238.77	56234.9	15.09	56253.86	56253.89453	56266.97820	56272.00000	504222.4	5411452.4
L4220.0	504222.3	5411451.6	66870.10156	330.10	0	48.856016	-86.942438	56238.66	56234.9	15.09	56253.75	56253.79688	56268.85431	56273.89844	504222.3	5411451.6
L4220.0	504222.3	5411451.6	66870.20313	329.81	0	48.856016	-86.942438	56238.54	56234.9	15.10	56253.63	56253.68750	56270.62891	56275.69141	504222.3	5411451.6
L4220.0	504222.3	5411450.8	66870.29688	330.74	0	48.856009	-86.942439	56238.17	56234.9	15.10	56253.27	56253.33984	56267.63837	56272.72266	504222.3	5411450.8
L4220.0	504222.3	5411450.8	66870.39844	332.43	0	48.856009	-86.942439	56238.12	56234.9	15.10	56253.22	56253.30469	56271.03605	56276.14453	504222.3	5411450.8
L4220.0	504222.2	5411449.0	66870.50000	333.13	0	48.855993	-86.942440	56237.95	56234.9	15.11	56253.06	56253.15625	56272.30400	56277.43359	504222.2	5411449.0
L4220.0	504222.2	5411449.0	66870.60156	332.15	0	48.855993	-86.942440	56237.79	56234.9	15.11	56252.89	56252.99609	56273.46897	56278.61719	504222.2	5411449.0
L4220.0	504222.2	5411448.0	66870.70313	331.64	0	48.855984	-86.942440	56237.59	56234.9	15.11	56252.70	56252.82031	56274.32526	56279.49609	504222.2	5411448.0
L4220.0	504222.2	5411448.0	66870.79688	331.15	0	48.855984	-86.942440	56237.54	56234.9	15.11	56252.65	56252.78125	56278.11935	56283.31250	504222.2	5411448.0
L4220.0	504222.1	5411447.2	66870.89844	330.34	0	48.855977	-86.942441	56237.38	56234.9	15.12	56252.50	56252.64453	56279.97240	56285.18750	504222.1	5411447.2
L4220.0	504222.1	5411446.3	66871.00000	331.01	0	48.855968	-86.942441	56237.16	56234.9	15.12	56252.28	56252.43750	56280.49098	56285.73047	504222.1	5411446.3
L4220.0	504222.1	5411445.3	66871.10156	328.81	0	48.855959	-86.942442	56236.62	56234.9	15.12	56251.74	56251.91016	56274.61332	56279.87500	504222.1	5411445.3
L4220.0	504222.1	5411444.5	66871.20313	332.67	0	48.855953	-86.942442	56235.98	56234.9	15.11	56251.09	56251.27344	56266.62088	56271.90625	504222.1	5411444.5
L4220.0	504222.1	5411444.5	66871.29688	333.10	0	48.855953	-86.942442	56235.90	56234.9	15.11	56251.01	56251.20703	56270.24481	56275.55078	504222.1	5411444.5
L4220.0	504222.1	5411444.5	66871.39844	332.89	0	48.855953	-86.942442	56235.66	56234.9	15.11	56250.76	56250.96875	56270.52209	56275.85547	504222.1	5411444.5
L4220.0	504222.1	5411443.4	66871.50000	332.06	0	48.855942	-86.942442	56235.06	56234.9	15.11	56250.16	56250.38281	56263.88244	56269.23828	504222.1	5411443.4
L4220.0	504222.1	5411442.5	66871.50000	332.06	0	48.855934	-86.942442	56234.75	56234.9	15.11	56249.86	56250.09766	56263.36698	56268.74609	504222.1	5411442.5
L4220.0	504222.1	5411441.4	66871.70313	329.89	0	48.855925	-86.942442	56234.86	56234.9	15.10	56249.95	56250.19922	56270.68886	56276.09375	504222.1	5411441.4
L4220.0	504222.1	5411441.4	66871.79688	330.26	0	48.855925	-86.942442	56234.40	56234.9	15.10	56249.49	56249.75391	56267.17171	56272.60156	504222.1	5411441.4
L4220.0	504222.1	5411440.5	66871.89844	330.35	0	48.855917	-86.942442	56233.86	56234.9	15.09	56248.96	56249.23828	56262.40480	56267.85938	504222.1	5411440.5
L4220.0	504222.1	5411439.4	66872.00000	331.16	0	48.855907	-86.942442	56233.23	56234.9	15.09	56248.32	56248.61328	56255.62756	56261.10938	504222.1	5411439.4
L4220.0	504222.1	5411439.4	66872.10156	329.08	0	48.855907	-86.942442	56232.73	56234.9	15.09	56247.82	56248.12891	56251.73754	56257.24609	504222.1	5411439.4
L4220.0	504222.1	5411438.4	66872.20313	329.20	0	48.855898	-86.942442	56232.61	56234.9	15.09	56247.69	56248.01172	56255.14454	56260.67578	504222.1	5411438.4
L4220.0	504222.1	5411437.6	66872.29688	328.54	0	48.855890	-86.942442	56232.36	56234.9	15.08	56247.45	56247.78516	56256.49283	56262.05078	504222.1	5411437.6
L4220.0	504222.1	5411436.3	66872.39844	327.82	0	48.855879	-86.942441	56232.10	56234.9	15.08	56247.18	56247.53125	56257.34731	56262.93359	504222.1	5411436.3
L4220.0	504222.1	5411436.3	66872.50000	328.64	0	48.855879	-86.942441	56231.67	56234.9	15.08	56246.75	56247.11719	56255.23582	56260.85156	504222.1	5411436.3
L4220.0	504222.1	5411435.3	66872.60156	328.81	0	48.855870	-86.942441	56231.39	56234.9	15.08	56246.47	56246.85156	56256.08671	56261.73047	504222.1	5411435.3
L4220.0	504222.1	5411434.2	66872.70313	327.22	0	48.855860	-86.942441	56231.06	56234.9	15.08	56246.14	56246.53906	56256.07886	56261.75000	504222.1	5411434.2
L4220.0	504222.1	5411434.2	66872.79688	326.66	0	48.855860	-86.942441	56230.48	56234.9	15.07	56245.56	56245.97266	56251.45528	56257.15625	504222.1	5411434.2
L4220.0	504222.1	5411433.1	66872.89844	327.34	0	48.855850	-86.942441	56230.24	56234.9	15.07	56245.31	56245.73828	56253.15492	56258.88672	504222.1	5411433.1
L4220.0	504222.1	5411432.1	66873.00000	325.70	0	48.855841	-86.942441	56230.06	56234.9	15.07	56245.13	56245.57422	56256.24828	56262.00781	504222.1	5411432.1
L4220.0	504222.1	5411432.1	66873.10156	327.37	0	48.855841	-86.942441	56229.78	56234.9	15.07	56244.85	56245.31250	56257.55357	56263.34375	504222.1	5411432.1
L4220.0	504222.1	5411431.0	66873.20313	328.09	0	48.855831	-86.942442	56229.29	56234.9	15.07	56244.36	56244.83594	56255.03692	56260.85938	504222.1	5411431.0
L4220.0	504222.1	5411429.9	66873.29688	329.16	0	48.855821	-86.942442	56229.01	56234.9	15.07	56244.08	56244.57422	56256.53356	56262.38672	504222.1	5411429.9
L4220.0	504222.1	5411429.1	66873.39844	328.03	0	48.855814	-86.942442	56228.84	56234.9	15.07	56243.90	56244.41016	56259.98473	56265.87109	504222.1	5411429.1
L4220.0	504222.1	5411429.1	66873.50000	327.92	0	48.855814	-86.942442	56228.27	56234.9	15.06	56243.34	56243.86719	56256.46801	56262.38672	504222.1	5411429.1
L4220.0	504222.1	5411428.0	66873.50000	327.92	0	48.855804	-86.942442	56228.04	56234.9	15.06	56243.11	56243.65625	56259.18708	56265.14063	504222.1	5411428.0
L4220.0	504222.1	5411427.0	66873.70313	327.44	0	48.855795	-86.942442	56227.42	56234.9	15.06	56242.48	56243.04297	56254.56371	56260.55078	504222.1	5411427.0
L4220.0	504222.1	5411427.0	66873.79688	326.95	0	48.855795	-86.942442	56227.13	56234.9	15.06	56242.20	56242.78125	56256.55129	56262.57031	504222.1	5411427.0
L4220.0	504222.1	5411425.9	66873.89844	327.45	0	48.855785	-86.942442	56226.41	56234.9	15.06	56241.47	56242.07031	56250.23968	56256.29688	504222.1	5411425.9
L4220.0	504222.1	5411424.7	66874.00000	328.27	0	48.855774	-86.942442	56226.31	56234.9	15.06	56241.36	56241.97656	56255.59958	56261.69141	504222.1	5411424.7
L4220.0	504222.1	5411423.3	66874.10156	327.41	0	48.855762	-86.942442	56225.90	56234.9	15.06	56240.96	56241.59375	56255.63933	56261.76953	504222.1	5411423.3
L4220.0	504222.1	5411423.3	66874.20313	327.20	0	48.855762	-86.942442	56225.29	56234.9	15.06	56240.35	56241.00391	56251.82586	56257.99219	504222.1	5411423.3
L4220.0	504222.1	5411422.3	66874.29688	325.79	0	48.855753	-86.942442	56224.88	56234.9	15.06	56239.95	56240.62109	56252.04392	56258.24609	504222.1	5411422.3
L4220.0	504222.1	5411420.8	66874.39844	325.04	0	48.855739	-86.942442	56224.31	56234.9	15.06	56239.38	56240.07031	56249.14484	56255.38672	504222.1	5411420.8
L4220.0	504222.1	5411419.6	66874.50000	325.82	0	48.855728	-86.942442	56223.86	56234.9	15.07	56238.93	56239.64063	56248.59626	56254.87891	504222.1	5411419.6
L4220.0	504222.1	5411419.6	66874.60156	327.61	0	48.855728	-86.942442	56223.27	56234.9	15.07	56238.33	56239.05859	56245.29075	56251.61328	504222.1	5411419.6
L4220.0	504222.1	5411418.4	66874.70313	329.60	0	48.855718	-86.942442	56222.91	56234.9	15.07	56237.98	56238.73047	56246.81674	56253.17969	504222.1	5411418.4

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4220.0	504222.1	5411418.4	66874.79688	329.64	0	48.855718	-86.942442	56222.39	56234.9	15.07	56237.46	56238.23047	56245.20059	56251.60156	504222.1	5411418.4
L4220.0	504222.1	5411417.2	66874.89844	330.60	0	48.855707	-86.942441	56222.15	56234.9	15.07	56237.22	56238.00781	56249.01527	56255.46094	504222.1	5411417.2
L4220.0	504222.2	5411416.0	66875.00000	331.30	0	48.855696	-86.942441	56221.49	56234.9	15.07	56236.56	56237.36719	56244.90155	56251.39063	504222.2	5411416.0
L4220.0	504222.2	5411416.0	66875.10156	330.08	0	48.855696	-86.942441	56221.20	56234.9	15.07	56236.27	56237.09766	56247.95050	56254.48047	504222.2	5411416.0
L4220.0	504222.2	5411415.0	66875.20313	330.14	0	48.855687	-86.942441	56220.59	56234.9	15.07	56235.66	56236.50781	56244.96030	56251.53516	504222.2	5411415.0
L4220.0	504222.2	5411413.8	66875.29688	329.83	0	48.855677	-86.942440	56220.31	56234.9	15.07	56235.38	56236.25000	56248.38027	56255.00000	504222.2	5411413.8
L4220.0	504222.2	5411413.8	66875.39844	328.12	0	48.855677	-86.942440	56219.70	56234.9	15.07	56234.77	56235.66016	56245.55820	56252.22266	504222.2	5411413.8
L4220.0	504222.2	5411412.7	66875.50000	328.27	0	48.855667	-86.942440	56219.22	56234.9	15.07	56234.29	56235.20313	56245.31309	56252.02344	504222.2	5411412.7
L4220.0	504222.3	5411411.6	66875.50000	328.27	0	48.855657	-86.942439	56218.77	56234.9	15.07	56233.84	56234.77344	56245.72580	56252.48438	504222.3	5411411.6
L4220.0	504222.3	5411410.6	66875.70313	329.92	0	48.855648	-86.942439	56217.84	56234.9	15.07	56232.91	56233.86328	56237.05858	56243.86328	504222.3	5411410.6
L4220.0	504222.3	5411410.6	66875.79688	328.23	0	48.855648	-86.942439	56217.20	56234.9	15.07	56232.27	56233.24609	56234.03806	56240.89063	504222.3	5411410.6
L4220.0	504222.3	5411409.3	66875.89844	329.89	0	48.855636	-86.942439	56216.51	56234.9	15.07	56231.58	56232.57813	56230.17117	56237.07422	504222.3	5411409.3
L4220.0	504222.4	5411408.0	66876.00000	329.26	0	48.855624	-86.942438	56216.22	56234.9	15.07	56231.29	56232.30859	56233.98877	56240.94141	504222.4	5411408.0
L4220.0	504222.4	5411406.7	66876.10156	328.49	0	48.855613	-86.942438	56215.77	56234.9	15.07	56230.84	56231.88281	56234.85081	56241.85156	504222.4	5411406.7
L4220.0	504222.4	5411406.0	66876.20313	330.88	0	48.855606	-86.942438	56215.46	56234.9	15.07	56230.53	56231.59375	56238.43081	56245.48438	504222.4	5411406.0
L4220.0	504222.4	5411406.0	66876.29688	328.63	0	48.855606	-86.942438	56214.85	56234.9	15.07	56229.91	56230.99609	56236.25960	56243.36328	504222.4	5411406.0
L4220.0	504222.4	5411404.8	66876.39844	327.79	0	48.855596	-86.942437	56214.06	56234.9	15.07	56229.13	56230.23828	56231.19412	56238.35156	504222.4	5411404.8
L4220.0	504222.4	5411404.8	66876.50000	329.73	0	48.855596	-86.942437	56213.32	56234.9	15.07	56228.39	56229.52344	56226.98940	56234.19922	504222.4	5411404.8
L4220.0	504222.4	5411403.7	66876.60156	328.20	0	48.855585	-86.942437	56212.50	56234.9	15.06	56227.56	56228.71484	56221.21235	56228.47266	504222.4	5411403.7
L4220.0	504222.5	5411402.5	66876.70313	327.15	0	48.855575	-86.942437	56212.27	56234.9	15.06	56227.33	56228.50781	56226.70922	56234.02344	504222.5	5411402.5
L4220.0	504222.5	5411401.2	66876.79688	326.39	0	48.855563	-86.942437	56211.78	56234.9	15.06	56226.84	56228.03906	56227.44679	56234.81641	504222.5	5411401.2
L4220.0	504222.5	5411401.2	66876.89844	326.98	0	48.855563	-86.942437	56211.48	56234.9	15.06	56226.54	56227.76563	56231.80632	56239.23047	504222.5	5411401.2
L4220.0	504222.5	5411399.8	66877.00000	326.09	0	48.855550	-86.942436	56211.07	56234.9	15.06	56226.13	56227.37891	56234.21290	56241.69531	504222.5	5411399.8
L4220.0	504222.5	5411398.4	66877.10156	327.47	0	48.855537	-86.942436	56210.41	56234.9	15.06	56225.47	56226.74219	56232.06534	56239.60156	504222.5	5411398.4
L4220.0	504222.5	5411397.3	66877.20313	327.07	0	48.855528	-86.942436	56209.76	56234.9	15.06	56224.82	56226.11328	56230.19576	56237.78906	504222.5	5411397.3
L4220.0	504222.5	5411397.3	66877.29688	327.55	0	48.855528	-86.942436	56208.98	56234.9	15.06	56224.04	56225.35938	56225.99220	56233.64453	504222.5	5411397.3
L4220.0	504222.6	5411395.6	66877.39844	328.44	0	48.855512	-86.942436	56208.29	56234.9	15.06	56223.35	56224.69141	56223.55100	56231.25781	504222.6	5411395.6
L4220.0	504222.6	5411394.2	66877.50000	329.31	0	48.855500	-86.942435	56207.81	56234.9	15.07	56222.87	56224.23438	56225.12562	56232.89063	504222.6	5411394.2
L4220.0	504222.6	5411392.9	66877.50000	329.31	0	48.855488	-86.942435	56207.30	56234.9	15.07	56222.37	56223.75781	56226.42626	56234.25000	504222.6	5411392.9
L4220.0	504222.6	5411392.9	66877.70313	328.65	0	48.855488	-86.942435	56206.61	56234.9	15.07	56221.67	56223.08203	56224.06754	56231.94922	504222.6	5411392.9
L4220.0	504222.6	5411391.7	66877.79688	328.45	0	48.855478	-86.942435	56205.96	56234.9	15.07	56221.03	56222.46484	56222.92350	56230.86719	504222.6	5411391.7
L4220.0	504222.6	5411391.7	66877.89844	330.51	0	48.855478	-86.942435	56205.18	56234.9	15.07	56220.25	56221.71094	56219.22559	56227.22656	504222.6	5411391.7
L4220.0	504222.6	5411389.9	66878.00000	329.63	0	48.855461	-86.942435	56204.33	56234.9	15.07	56219.40	56220.88281	56214.28221	56222.34375	504222.6	5411389.9
L4220.0	504222.6	5411389.0	66878.10156	327.86	0	48.855453	-86.942435	56203.90	56234.9	15.07	56218.97	56220.47656	56217.37601	56225.49609	504222.6	5411389.0
L4220.0	504222.7	5411387.6	66878.20313	329.28	0	48.855441	-86.942434	56203.32	56234.9	15.07	56218.39	56219.92188	56217.72658	56225.90625	504222.7	5411387.6
L4220.0	504222.7	5411387.6	66878.29688	331.06	0	48.855441	-86.942434	56202.93	56234.9	15.07	56218.00	56219.55469	56221.78049	56230.02344	504222.7	5411387.6
L4220.0	504222.7	5411386.0	66878.39844	331.78	0	48.855426	-86.942434	56202.13	56234.9	15.07	56217.20	56218.77734	56218.13591	56226.43750	504222.7	5411386.0
L4220.0	504222.7	5411384.7	66878.50000	330.51	0	48.855414	-86.942434	56201.76	56234.9	15.07	56216.83	56218.43359	56222.74940	56231.10938	504222.7	5411384.7
L4220.0	504222.7	5411384.7	66878.60156	330.63	0	48.855414	-86.942434	56201.49	56234.9	15.07	56216.56	56218.18750	56229.34037	56237.76172	504222.7	5411384.7
L4220.0	504222.7	5411382.9	66878.70313	330.66	0	48.855399	-86.942434	56201.05	56234.9	15.07	56216.12	56217.76953	56232.77495	56241.25781	504222.7	5411382.9
L4220.0	504222.7	5411381.6	66878.79688	330.27	0	48.855387	-86.942434	56200.10	56234.9	15.07	56215.17	56216.84375	56226.62585	56235.16797	504222.7	5411381.6
L4220.0	504222.7	5411381.6	66878.89844	327.90	0	48.855387	-86.942434	56199.20	56234.9	15.07	56214.27	56215.96484	56221.52270	56230.12500	504222.7	5411381.6
L4220.0	504222.7	5411380.4	66879.00000	326.34	0	48.855376	-86.942434	56198.60	56234.9	15.07	56213.67	56215.39063	56222.17670	56230.83984	504222.7	5411380.4
L4220.0	504222.7	5411379.4	66879.10156	328.05	0	48.855366	-86.942433	56197.72	56234.9	15.07	56212.79	56214.53125	56217.63695	56226.35938	504222.7	5411379.4
L4220.0	504222.7	5411379.4	66879.20313	328.04	0	48.855366	-86.942433	56197.12	56234.9	15.07	56212.19	56213.95313	56218.45433	56227.23828	504222.7	5411379.4
L4220.0	504222.7	5411377.7	66879.29688	328.33	0	48.855352	-86.942433	56196.30	56234.9	15.07	56211.37	56213.15625	56215.21819	56224.05859	504222.7	5411377.7
L4220.0	504222.8	5411376.3	66879.39844	327.59	0	48.855339	-86.942433	56195.78	56234.9	15.07	56210.85	56212.66016	56217.69040	56226.58984	504222.8	5411376.3
L4220.0	504222.8	5411376.3	66879.50000	326.16	0	48.855339	-86.942433	56194.96	56234.9	15.07	56210.03	56211.86328	56214.61486	56223.57422	504222.8	5411376.3
L4220.0	504222.8	5411374.9	66879.50000	326.16	0	48.855326	-86.942433	56194.13	56234.9	15.07	56209.20	56211.05469	56211.43047	56220.44531	504222.8	5411374.9
L4220.0	504222.8	5411373.6	66879.70313	326.72	0	48.855315	-86.942433	56193.36	56234.9	15.07	56208.43	56210.30469	56209.44257	56218.51563	504222.8	5411373.6
L4220.0	504222.8	5411372.3	66879.79688	325.48	0	48.855303	-86.942433	56192.48	56234.9	15.07	56207.55	56209.44922	56205.46490	56214.59766	504222.8	5411372.3
L4220.0	504222.8	5411372.3	66879.89844	326.34	0	48.855303	-86.942433	56192.32	56234.9	15.07	56207.39	56209.30859	56215.03352	56224.22266	504222.8	5411372.3
L4220.0	504222.8	5411370.6	66880.00000	326.63	0	48.855288	-86.942433	56191.60	56234.9	15.07	56206.67	56208.60938	56214.18630	56223.42969	504222.8	5411370.6
L4220.0	504222.8	5411369.5	66880.10156	328.16	0	48.855278	-86.942433	56190.70	56234.9	15.07	56205.77	56207.73047	56210.02562	56219.32422	504222.8	5411369.5
L4220.0	504222.8	5411369.5	66880.20313	328.77	0	48.855278	-86.942433	56189.79	56234.9	15.07	56204.86	56206.84375	56205.72799	56215.08203	504222.8	5411369.5
L4220.0	504222.8	5411367.4	66880.29688	328.00	0	48.855259	-86.942433	56189.15	56234.9	15.07	56204.21	56206.21094	56206.36908	56215.77734	504222.8	5411367.4
L4220.0	504222.8	5411367.4	66880.39844	327.83	0	48.855259	-86.942433	56188.48	56234.9	15.07	56203.55	56205.57422	56206.88098	56216.33984	504222.8	5411367.4
L4220.0	504222.8	5411366.4	66880.50000	329.81	0	48.855250	-86.942433	56187.75	56234.9	15.07	56202.82	56204.86328	56206.12506	56215.63672	504222.8	5411366.4
L4220.0	504222.8	5411365.1	66880.60156	329.74	0	48.855238	-86.942432	56187.13	56234.9	15.06	56202.19	56204.25000	56207.31588	56216.87891	504222.8	5411365.1
L4220.0	504222.8	5411365.1	66880.70313	329.99	0	48.855238	-86.942432	56185.98	56234.9	15.06	56201.04	56203.12109	56198.64985	56208.26172	504222.8	5411365.1
L4220.0	504222.8	5411363.6	66880.79688	332.31	0	48.855225	-86.942432	56185.22	56234.9	15.06	56200.28	56202.37891	56197.42560	56207.08594	504222.8	5411363.6
L4220.0	504222.8	5411362.0	66880.89844	329.63	0	48.855211	-86.942432	56184.24	56234.9	15.06	56199.30	56201.41797	56191.99995	56201.70703	504222.8	5411362.0
L4220.0	504222.9	5411360.6	66881.00000	329.01	0	48.855198	-86.942432	56183.80	56234.9	15.06	56198.86	56200.99609	56196.99478	56206.75000	504222.9	5411360.6
L4220.0	504222.9	5411360.6	66881.10156	329.75	0	48.855198	-86.942432	56183.00	56234.9	15.06	56198.06	56200.21094	56195.08163	56204.87891	504222.9	5411360.6
L4220.0	504222.9	5411359.1	66881.20313	329.24	0	48.855185	-86.942432	56181.89	56234.9	15.06	56196.95	56199.12109	56187.13766	56196.98047	504222.9	5411359.1
L4220.0	504222.9	5411357.9	66881.29688	328.84	0	48.855173	-86.942432	56180.92	56234.9	15.06	56195.98	56198.16406	56181.89451	56191.77734	504222.9	5411357.9
L4220.0	504222.9	5411356.4	66881.39844	328.31	0	48.855159	-86.942432	56179.86	56234.9	15.06	56194.92	56197.12109	56174.87111	56184.79688	504222.9	5411356.4
L4220.0	504222.9	5411356.4	66881.50000	329.11	0	48.855159	-86.942432	56179.11	56234.9	15.06	56194.17	56196.38672	56173.93485	56183.89844	504222.9	5411356.4
L4220.0	504222.9	5411354.6	66881.50000	329.11	0	48.855143	-86.942432	56178.44	56234.9	15.06	56193.50	56195.73047	56174.59447	56184.59766	504222.9	5411354.6
L4220.0	504222.9	5411354.6	66881.70313	329.00	0	48.855143	-86.942432	56178.09	56234.9	15.06	56193.15	56195.39844	56181.59483	56191.63281	504222.9	5411354.6
L4220.0	504222.9	5411352.9	66881.79688	328.49	0	48.855129	-86.942432	56177.21	56234.9	15.06	56192.27	56194.53125	56178.13311	56188.20703	504222.9	5411352.9
L4220.0	504222.9	5411352.0	66881.89844	331.36	0	48.855121	-86.942432	56176.42	56234.9	15.06	56191.48	56193.75391	56176.44787	56186.55469	504222.9	5411352.0
L4220.0	504222.9	5411350.6	66882.00000	331.47	0	48.855108	-86.942432	56175.54	56234.9	15.06	56190.60	56192.88672	56172.98126	56183.11719	504222.9	5411350.6
L4220.0	504222.9	5411349.3	66882.10156	331.45	0	48.855096	-86.942431	56174.63	56234.9	15.06	56189.69	56191.98828	56168.92225	56179.08984	504222.9	5411349.3
L4220.0	504222.9	5411349.3	66882.20313	332.00	0	48.855096	-86.942431	56173.82	56234.9	15.06	56188.88	56191.19141	56166.82902	56177.02344	504222.9	5411349.3
L4220.0	504223.0	5411347.9	66882.29688	331.68	0	48.855083	-86.942431	56173.08	56234.9	15.06	56188.14	56190.46484	56166.09545	56176.31641	504223.0	5411347.9
L4220.0	504223.0	5411346.7	66882.39844	331.04	0	48.855073	-86.942431	56172.96	56234.9	15.06	56188.02	56190.35547	56177.40888	56187.65234	504223.0	5411346.7
L4220.0	504223.0	5411345.2	66882.50000	332.17	0	48.855059	-86.942430	56172.10	56234.9	15.06	56187.16	56189.50391	56174.23051	56184.49609	504223.0	5411345.2
L4220.0	504223.0	5411345.2	66882.60156	329.98	0	48.855059	-86.942430	56171.29	56234.9	15.06	56186.35	56188.70313	56171.99523	56182.28125	504223.0	5411345.2
L4220.0	504223.1	5411343.7	66882.70313	329.70	0	48.855045	-86.942430	56169.89	56234.9	15.06	56184.95	56187.31250	56158.43710	56168.73828	504223.1	5411343.7
L4220.0	504223.1	5411342.3	66882.79688	327.95	0	48.855033	-86.942429	56169.16	56234.9	15.06	56184.22	56186.58984	56157.72235	56168.03906	504223.1	5411342.3
L4220.0	504223.1	5411342.3	66882.89844	327.35	0	48.855033	-86.942429	56168.38	56234.9	15.06	56183.44	56185.81641	56155.99819	56166.33203	504223.1	5411342.3
L4220.0	504223.1	5411340.8	66883.00000	325.62	0	48.855020	-86.942429	56167.60	56234.9	15.06	56182.66	56185.04688	56154.21499	56164.55859	504223.1	5411340.8
L4220.0	504223.2	5411339.5	66883.10156	324.95	0	48.855008	-86.942428	56166.93	56234.9	15.06	56181.99	56184.38281	56154.40594	56164.75781	504223.2	5411339.5
L4220.0	504223.2	5411338.2	66883.20313	324.39	0	48.854996	-86.942428	56165.97	56234.9	15.06	56181.03	56183.42578	56149.12545	56159.48438	504223.2	5411338.2
L4220.0	504223.2	5411338.2	66883.29688	325.52	0	48.854996	-86.942428	56165.52	56234.9	15.06	56180.58	56182.98047	56153.15451	56163.51953	504223.2	5411338.2
L4220.0	504223.2	5411336.8	66883.39844	325.94	0	48.854983	-86.942427	56164.21	56234.9	15.06	56179.27	56181.67578	56138.38286	56148.75000	504223.2	5411336.8
L4220.0	504223.2	5411335.6	66883.50000	325.82	0	48.854973	-86.942427	56163.74	56234.9	15.06	56178.80	56181.21094	56144.04435	56154.41016	504223.2	5411335.6
L4220.0	504223.2	5411334.3	66883.50000	325.82	0	48.854961	-86.942427	56162.91	56234.9	15.06	56177.97	56180.38281	56140.24937	56150.61328	504223.2	5411334.3
L4220.0	504223.2	5411334.3	66883.70313	324.75	0	48.854961	-86.942427	56162.65	56234.9	15.06	56177.71	56180.12500	56150.79134	56161.14844	504223.2	5411334.3
L4220.0	504223.3	5411332.8	66883.79688	325.86	0	48.854947	-86.942427	56161.90	56234.9	15.06	56176.96	56179.37500	56148.59067	56158.94141	504223.3	5411332.8
L4220.0	504223.3	5411331.2	66883.89844	324.21	0	48.854933	-86.942427	56161.39	56234.9	15.06	56176.45	56178.86719	56152.28610	56162.62891	504223.3	5411331.2
L4220.0	504223.3	5411329.6	66884.00000	325.31	0	48.854918	-86.942426	56160.62	56234.9	15.06	56175.68	56178.09766	56149.11914	56159.44922	504223.3	5411329.6

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4220.0	504223.3	5411329.6	66884.10156	325.95	0	48.854918	-86.942426	56159.86	56234.9	15.06	56174.91	56177.32813	56145.70748	56156.02344	504223.3	5411329.6
L4220.0	504223.3	5411328.3	66884.20313	325.27	0	48.854908	-86.942426	56159.40	56234.9	15.06	56174.46	56176.87500	56150.26064	56160.55859	504223.3	5411328.3
L4220.0	504223.3	5411328.3	66884.29688	326.26	0	48.854908	-86.942426	56158.36	56234.9	15.06	56173.42	56175.83203	56139.39294	56149.67188	504223.3	5411328.3
L4220.0	504223.3	5411326.8	66884.39844	327.60	0	48.854893	-86.942426	56158.01	56234.9	15.06	56173.07	56175.48047	56146.05834	56156.31250	504223.3	5411326.8
L4220.0	504223.3	5411325.2	66884.50000	327.24	0	48.854879	-86.942426	56157.18	56234.9	15.06	56172.23	56174.63672	56134.87419	56145.10547	504223.3	5411325.2
L4220.0	504223.3	5411325.2	66884.60156	328.49	0	48.854879	-86.942426	56156.66	56234.9	15.05	56171.72	56174.12109	56135.64429	56145.84766	504223.3	5411325.2
L4220.0	504223.3	5411323.3	66884.70313	330.74	0	48.854862	-86.942426	56155.98	56234.9	15.05	56171.03	56173.42969	56132.92716	56143.09766	504223.3	5411323.3
L4220.0	504223.3	5411321.6	66884.79688	329.89	0	48.854847	-86.942426	56155.48	56234.9	15.05	56170.53	56172.92188	56133.55959	56143.69922	504223.3	5411321.6
L4220.0	504223.4	5411320.2	66884.89844	329.99	0	48.854834	-86.942426	56154.82	56234.9	15.05	56169.87	56172.25391	56131.05897	56141.16406	504223.4	5411320.2
L4220.0	504223.4	5411320.2	66885.00000	330.29	0	48.854834	-86.942426	56154.29	56234.9	15.05	56169.34	56171.71875	56130.80036	56140.86719	504223.4	5411320.2
L4220.0	504223.4	5411320.2	66885.10156	330.18	0	48.854834	-86.942426	56153.56	56235	15.05	56168.60	56170.96875	56126.47037	56136.49609	504223.4	5411320.2
L4220.0	504223.4	5411318.1	66885.20313	329.00	0	48.854816	-86.942425	56152.83	56235	15.05	56167.87	56170.23047	56122.15027	56132.13281	504223.4	5411318.1
L4220.0	504223.4	5411316.9	66885.29688	327.34	0	48.854805	-86.942425	56152.28	56235	15.04	56167.33	56169.68359	56121.16415	56131.10156	504223.4	5411316.9
L4220.0	504223.4	5411315.4	66885.39844	328.52	0	48.854791	-86.942425	56151.61	56235	15.04	56166.65	56168.99219	56117.40845	56127.29688	504223.4	5411315.4
L4220.0	504223.4	5411315.4	66885.50000	330.41	0	48.854791	-86.942425	56151.33	56235	15.04	56166.37	56168.69922	56128.20626	56138.04297	504223.4	5411315.4
L4220.0	504223.4	5411314.1	66885.50000	330.41	0	48.854779	-86.942425	56150.50	56235	15.04	56165.54	56167.85938	56119.11488	56128.89844	504223.4	5411314.1
L4220.0	504223.4	5411312.4	66885.70313	326.03	0	48.854764	-86.942425	56150.24	56235	15.04	56165.27	56167.57813	56124.12544	56133.85156	504223.4	5411312.4
L4220.0	504223.4	5411310.9	66885.79688	327.58	0	48.854751	-86.942426	56149.69	56235	15.03	56164.72	56167.01172	56121.57460	56131.24219	504223.4	5411310.9
L4220.0	504223.4	5411310.9	66885.89844	326.25	0	48.854751	-86.942426	56149.23	56235	15.03	56164.27	56166.55078	56121.21441	56130.82031	504223.4	5411310.9
L4220.0	504223.4	5411309.4	66886.00000	324.86	0	48.854737	-86.942426	56148.68	56235	15.03	56163.71	56165.97656	56117.68469	56127.23047	504223.4	5411309.4
L4220.0	504223.4	5411308.2	66886.10156	325.24	0	48.854726	-86.942426	56148.04	56235	15.03	56163.07	56165.32031	56111.76674	56121.24609	504223.4	5411308.2
L4220.0	504223.4	5411308.2	66886.20313	325.17	0	48.854726	-86.942426	56147.76	56235	15.03	56162.79	56165.02344	56114.54194	56123.94922	504223.4	5411308.2
L4220.0	504223.3	5411306.9	66886.29688	323.06	0	48.854715	-86.942426	56147.08	56235	15.03	56162.11	56164.32813	56106.84100	56116.17969	504223.3	5411306.9
L4220.0	504223.3	5411305.4	66886.39844	323.83	0	48.854701	-86.942426	56146.95	56235	15.03	56161.98	56164.17969	56112.51797	56121.78125	504223.3	5411305.4
L4220.0	504223.3	5411303.8	66886.50000	325.35	0	48.854687	-86.942426	56146.40	56235	15.03	56161.43	56163.61328	56107.22833	56116.41797	504223.3	5411303.8
L4220.0	504223.3	5411303.8	66886.60156	325.63	0	48.854687	-86.942426	56146.14	56235	15.04	56161.18	56163.34375	56108.99280	56118.10547	504223.3	5411303.8
L4220.0	504223.3	5411302.2	66886.70313	325.93	0	48.854673	-86.942426	56145.92	56235	15.04	56160.95	56163.09375	56110.78995	56119.82031	504223.3	5411302.2
L4220.0	504223.3	5411300.6	66886.79688	327.08	0	48.854658	-86.942426	56145.84	56235	15.04	56160.88	56163.00391	56116.13060	56125.07813	504223.3	5411300.6
L4220.0	504223.3	5411300.6	66886.89844	329.13	0	48.854658	-86.942426	56145.26	56235	15.04	56160.30	56162.40234	56108.20244	56117.06250	504223.3	5411300.6
L4220.0	504223.3	5411299.0	66887.00000	328.97	0	48.854643	-86.942426	56144.72	56235	15.04	56159.76	56161.83984	56100.74594	56109.51953	504223.3	5411299.0
L4220.0	504223.3	5411297.9	66887.10156	326.92	0	48.854634	-86.942426	56144.45	56235	15.04	56159.49	56161.55078	56099.57942	56108.26563	504223.3	5411297.9
L4220.0	504223.3	5411296.8	66887.20313	327.53	0	48.854624	-86.942427	56144.34	56235	15.04	56159.38	56161.41797	56101.98736	56110.57813	504223.3	5411296.8
L4220.0	504223.3	5411296.8	66887.29688	328.19	0	48.854624	-86.942427	56144.66	56235	15.04	56159.70	56161.71484	56115.00500	56123.50391	504223.3	5411296.8
L4220.0	504223.3	5411295.5	66887.39844	327.03	0	48.854612	-86.942427	56144.34	56235	15.04	56159.38	56161.37109	56102.35799	56110.76172	504223.3	5411295.5
L4220.0	504223.3	5411294.1	66887.50000	327.39	0	48.854600	-86.942427	56144.28	56235	15.04	56159.32	56161.28516	56103.82398	56112.12891	504223.3	5411294.1
L4220.0	504223.3	5411294.1	66887.50000	327.39	0	48.854600	-86.942427	56143.96	56235	15.04	56159.00	56160.94141	56100.19895	56108.40234	504223.3	5411294.1
L4220.0	504223.3	5411292.1	66887.70313	326.25	0	48.854581	-86.942427	56143.97	56235	15.04	56159.01	56160.92578	56102.46895	56110.57031	504223.3	5411292.1
L4220.0	504223.3	5411292.1	66887.79688	324.21	0	48.854581	-86.942427	56143.62	56235	15.04	56158.66	56160.54688	56097.74026	56105.73828	504223.3	5411292.1
L4220.0	504223.3	5411290.7	66887.89844	325.15	0	48.854569	-86.942427	56143.52	56235	15.04	56158.56	56160.42188	56097.47528	56105.36719	504223.3	5411290.7
L4220.0	504223.3	5411289.4	66888.00000	326.59	0	48.854557	-86.942427	56143.53	56235	15.04	56158.57	56160.40625	56099.08325	56106.86719	504223.3	5411289.4
L4220.0	504223.3	5411288.0	66888.10156	328.75	0	48.854545	-86.942426	56143.36	56235	15.04	56158.40	56160.20703	56097.06861	56104.74219	504223.3	5411288.0
L4220.0	504223.3	5411286.9	66888.20313	328.43	0	48.854535	-86.942426	56143.62	56235	15.04	56158.66	56160.44141	56102.99556	56110.55859	504223.3	5411286.9
L4220.0	504223.3	5411286.9	66888.29688	328.62	0	48.854535	-86.942426	56143.26	56235	15.04	56158.29	56160.03906	56096.75568	56104.20703	504223.3	5411286.9
L4220.0	504223.3	5411285.5	66888.39844	330.99	0	48.854522	-86.942426	56143.49	56235	15.04	56158.52	56160.24219	56101.65553	56108.99219	504223.3	5411285.5
L4220.0	504223.3	5411285.5	66888.50000	331.40	0	48.854522	-86.942426	56143.23	56235	15.03	56158.26	56159.95313	56097.08988	56104.31250	504223.3	5411285.5
L4220.0	504223.4	5411282.1	66888.60156	332.38	0	48.854492	-86.942426	56143.49	56235	15.03	56158.52	56160.18359	56102.07469	56109.17969	504223.4	5411282.1
L4220.0	504223.4	5411282.1	66888.70313	331.43	0	48.854492	-86.942426	56143.36	56235	15.03	56158.40	56160.03125	56099.71685	56106.69922	504223.4	5411282.1
L4220.0	504223.4	5411280.8	66888.79688	331.12	0	48.854480	-86.942426	56143.36	56235	15.03	56158.39	56159.99219	56099.18833	56106.05078	504223.4	5411280.8
L4220.0	504223.4	5411280.8	66888.89844	329.25	0	48.854480	-86.942426	56143.46	56235	15.03	56158.49	56160.06250	56106.40715	56113.14844	504223.4	5411280.8
L4220.0	504223.4	5411279.5	66889.00000	327.29	0	48.854468	-86.942426	56143.50	56235	15.03	56158.53	56160.07031	56105.59553	56112.21484	504223.4	5411279.5
L4220.0	504223.4	5411279.5	66889.10156	326.11	0	48.854468	-86.942426	56143.90	56235	15.03	56158.93	56160.43750	56113.51604	56120.01172	504223.4	5411279.5
L4220.0	504223.4	5411277.5	66889.20313	324.16	0	48.854450	-86.942426	56143.77	56235	15.03	56158.79	56160.26563	56107.31545	56113.68750	504223.4	5411277.5
L4220.0	504223.4	5411275.9	66889.29688	322.70	0	48.854436	-86.942426	56144.06	56235	15.03	56159.09	56160.53516	56111.76353	56118.00781	504223.4	5411275.9
L4220.0	504223.4	5411274.3	66889.39844	323.73	0	48.854422	-86.942426	56143.82	56235	15.03	56158.85	56160.26172	56102.32495	56108.44141	504223.4	5411274.3
L4220.0	504223.4	5411274.3	66889.50000	323.39	0	48.854422	-86.942426	56144.25	56235	15.02	56159.27	56160.64844	56108.84462	56114.83594	504223.4	5411274.3
L4220.0	504223.4	5411272.6	66889.50000	323.39	0	48.854406	-86.942425	56144.68	56235	15.02	56159.70	56161.04297	56115.13098	56120.99219	504223.4	5411272.6
L4220.0	504223.4	5411270.7	66889.60156	322.34	0	48.854389	-86.942425	56144.90	56235	15.02	56159.92	56161.23047	56115.82588	56121.55859	504223.4	5411270.7
L4220.0	504223.4	5411269.3	66889.70313	321.63	0	48.854376	-86.942425	56145.13	56235	15.02	56160.16	56161.43750	56116.61301	56122.21484	504223.4	5411269.3
L4220.0	504223.4	5411269.3	66889.79688	322.59	0	48.854376	-86.942425	56145.27	56235	15.02	56160.29	56161.53516	56114.32444	56119.79688	504223.4	5411269.3
L4220.0	504223.4	5411267.7	66889.89844	323.40	0	48.854362	-86.942425	56145.94	56235	15.02	56160.96	56162.17188	56124.78888	56130.13281	504223.4	5411267.7
L4220.0	504223.4	5411266.4	66890.00000	322.19	0	48.854350	-86.942425	56145.98	56235	15.02	56161.00	56162.17578	56119.53077	56124.74219	504223.4	5411266.4
L4220.0	504223.4	5411266.4	66890.10156	322.53	0	48.854350	-86.942425	56146.42	56235	15.02	56161.44	56162.58203	56123.63464	56128.71484	504223.4	5411266.4
L4220.0	504223.5	5411264.2	66890.20313	325.81	0	48.854331	-86.942425	56146.40	56235	15.02	56161.41	56162.51563	56115.89598	56120.83984	504223.5	5411264.2
L4220.0	504223.5	5411264.2	66890.39844	327.82	0	48.854331	-86.942425	56146.93	56235	15.01	56161.95	56163.02344	56121.76257	56126.57813	504223.5	5411264.2
L4220.0	504223.5	5411262.9	66890.50000	327.89	0	48.854319	-86.942425	56147.31	56235	15.01	56162.32	56163.35938	56123.15697	56127.83984	504223.5	5411262.9
L4220.0	504223.5	5411260.9	66890.60156	331.93	0	48.854301	-86.942425	56147.70	56235	15.01	56162.70	56163.70313	56124.49657	56129.04688	504223.5	5411260.9
L4220.0	504223.5	5411259.8	66890.70313	329.93	0	48.854291	-86.942425	56148.09	56235	15.01	56163.09	56164.05859	56125.79518	56130.21094	504223.5	5411259.8
L4220.0	504223.5	5411258.3	66890.79688	331.26	0	48.854277	-86.942425	56148.32	56235	15.00	56163.32	56164.25391	56122.81779	56127.10156	504223.5	5411258.3
L4220.0	504223.5	5411258.3	66890.89844	327.70	0	48.854277	-86.942425	56149.08	56235	15.00	56164.08	56164.98047	56132.81644	56136.96875	504223.5	5411258.3
L4220.0	504223.5	5411256.9	66891.00000	329.25	0	48.854265	-86.942425	56148.95	56235	15.00	56163.95	56164.81641	56120.22429	56124.24609	504223.5	5411256.9
L4220.0	504223.5	5411255.5	66891.10156	327.03	0	48.854252	-86.942425	56149.58	56235	15.00	56164.58	56165.41016	56126.47119	56130.36328	504223.5	5411255.5
L4220.0	504223.5	5411253.8	66891.20313	326.04	0	48.854237	-86.942425	56149.87	56235	15.00	56164.87	56165.66406	56123.88722	56127.64453	504223.5	5411253.8
L4220.0	504223.5	5411253.8	66891.29688	326.79	0	48.854237	-86.942425	56150.59	56235	15.00	56165.60	56166.36328	56132.25004	56135.87891	504223.5	5411253.8
L4220.0	504223.5	5411252.6	66891.39844	327.33	0	48.854227	-86.942425	56150.79	56235	15.00	56165.80	56166.52734	56126.88789	56130.38672	504223.5	5411252.6
L4220.0	504223.5	5411251.1	66891.50000	325.59	0	48.854212	-86.942425	56151.28	56235	15.01	56166.28	56166.97266	56128.44734	56131.81641	504223.5	5411251.1
L4220.0	504223.5	5411251.1	66891.50000	325.59	0	48.854212	-86.942425	56152.02	56235	15.01	56167.02	56167.67969	56136.49122	56139.73438	504223.5	5411251.1
L4220.0	504223.5	5411249.7	66891.70313	324.11	0	48.854200	-86.942425	56152.37	56235	15.01	56167.37	56167.99609	56134.31139	56137.42188	504223.5	5411249.7
L4220.0	504223.5	5411248.0	66891.79688	324.06	0	48.854185	-86.942425	56152.71	56235	15.01	56167.72	56168.30859	56131.91858	56134.90234	504223.5	5411248.0
L4220.0	504223.5	5411246.7	66891.89844	324.73	0	48.854173	-86.942424	56152.93	56235	15.01	56167.94	56168.49609	56127.02553	56129.88281	504223.5	5411246.7
L4220.0	504223.5	5411246.7	66892.00000	326.57	0	48.854173	-86.942424	56153.78	56235	15.01	56168.79	56169.31250	56134.65061	56137.38672	504223.5	5411246.7
L4220.0	504223.5	5411245.0	66892.10156	325.93	0	48.854158	-86.942424	56154.21	56235	15.01	56169.22	56169.71094	56134.41871	56137.03125	504223.5	5411245.0
L4220.0	504223.5	5411243.4	66892.20313	328.63	0	48.854144	-86.942424	56155.20	56235	15.01	56170.21	56170.66797	56144.39503	56146.88281	504223.5	5411243.4
L4220.0	504223.5	5411243.4	66892.29688	330.84	0	48.854144	-86.942424	56155.95	56235	15.01	56170.96	56171.38281	56149.83607	56152.19922	504223.5	5411243.4
L4220.0	504223.5	5411241.7	66892.39844	330.93	0	48.854128	-86.942424	56156.17	56235	15.01	56171.17	56171.56250	56145.12904	56147.37109	504223.5	5411241.7
L4220.0	504223.5	5411241.7	66892.50000	329.98	0	48.854128	-86.942424	56156.74	56235	15.00	56171.74	56172.09766	56146.98796	56149.11328	504223.5	5411241.7
L4220.0	504223.5	5411240.2	66892.60156	329.91	0	48.854115	-86.942424	56156.87	56235	15.00	56171.87	56172.19531	56140.50019	56142.50781	504223.5	5411240.2
L4220.0	504223.6	5411238.3	66892.70313	328.83	0	48.854098	-86.942424	56158.06	56235	15.00	56173.06	56173.35547	56153.81235	56155.69922	504223.6	5411238.3
L4220.0	504223.6	5411238.3	66892.79688	329.57	0	48.854098	-86.942424	56158.20	56235	15.00	56173.21	56173.47266	56147.49721	56149.26953	504223.6	5411238.3
L4220.0	504223.6	5411237.0	66892.89844	329.60	0	48.854086	-86.942424	56159.23	56235	15.00	56174.23	56174.46094	56157.52825	56159.18750	504223.6	5411237.0
L4220.0	504223.6	5411235.5	66893.00000	330.08	0	48.854072	-86.942424	56159.22	56235	15.00	56174.22	56174.42188	56148.00742	56149.55469	504223.6	5411235.5
L4220.0	504223.6	5411234.2	66893.10156	330.89	0	48.854060	-86.942424	56160.03	56235	15.00	56175.03	56175.19922	56153.95555	56155.39453	504223.6	5411234.2
L4220.0	504223.6	5411234.2	66893.20313	329.04	0	48.854060	-86.942424	56160.31	56235	15.00	56175.31	56175.44922	56149.80077	56151.12891	504223.6	5411234.2
L4220.0	504223.6	5411232.4	66893.29688	329.81	0	48.854044	-86.942424	56161.11	56235	15.00	56176.11	56176.21875	56155.46593	56156.68359	504223.6	5411232.4

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4220.0	504223.6	5411230.9	66893.39844	328.45	0	48.854031	-86.942424	56161.81	56235	15.00	56176.81	56176.89063	56159.18886	56160.30469	504223.6	5411230.9
L4220.0	504223.6	5411230.9	66893.50000	330.01	0	48.854031	-86.942424	56161.80	56235	15.00	56176.80	56176.85156	56149.46050	56150.47266	504223.6	5411230.9
L4220.0	504223.5	5411229.0	66893.50000	330.01	0	48.854014	-86.942424	56162.82	56235	15.00	56177.82	56177.84375	56159.14002	56160.05078	504223.5	5411229.0
L4220.0	504223.5	5411227.6	66893.70313	330.58	0	48.854001	-86.942424	56162.91	56235	15.00	56177.91	56177.90625	56151.29747	56152.10547	504223.5	5411227.6
L4220.0	504223.5	5411227.6	66893.79688	329.41	0	48.854001	-86.942424	56164.54	56235	15.00	56179.54	56179.50781	56172.22112	56172.92969	504223.5	5411227.6
L4220.0	504223.5	5411226.4	66893.89844	328.45	0	48.853991	-86.942424	56164.48	56235	15.00	56179.48	56179.42188	56161.55296	56162.16797	504223.5	5411226.4
L4220.0	504223.6	5411225.1	66894.00000	326.42	0	48.853978	-86.942424	56165.16	56235	15.00	56180.16	56180.07422	56164.63807	56165.16016	504223.6	5411225.1
L4220.0	504223.6	5411225.1	66894.10156	324.79	0	48.853978	-86.942424	56164.79	56235	15.00	56179.79	56179.67578	56148.33553	56148.76563	504223.6	5411225.1
L4220.0	504223.6	5411223.7	66894.20313	324.73	0	48.853966	-86.942424	56165.46	56235	15.00	56180.46	56180.32031	56146.54814	56146.88672	504223.6	5411223.7
L4220.0	504223.6	5411222.3	66894.29688	323.63	0	48.853953	-86.942424	56166.11	56235	14.99	56181.10	56180.93750	56149.16066	56149.41016	504223.6	5411222.3
L4220.0	504223.6	5411220.9	66894.39844	325.81	0	48.853941	-86.942424	56166.52	56235	14.99	56181.51	56181.32031	56145.81060	56145.97656	504223.6	5411220.9
L4220.0	504223.6	5411220.9	66894.50000	326.39	0	48.853941	-86.942424	56167.52	56235	14.99	56182.51	56182.29688	56157.60619	56157.69141	504223.6	5411220.9
L4220.0	504223.6	5411219.2	66894.60156	326.18	0	48.853925	-86.942423	56167.69	56235	14.99	56182.68	56182.44141	56148.05642	56148.06250	504223.6	5411219.2
L4220.0	504223.6	5411217.7	66894.70313	325.69	0	48.853912	-86.942423	56169.06	56235	14.99	56184.05	56183.78906	56169.27318	56169.19922	504223.6	5411217.7
L4220.0	504223.6	5411217.7	66894.79688	327.07	0	48.853912	-86.942423	56169.34	56235	14.98	56184.33	56184.04688	56162.53849	56162.38672	504223.6	5411217.7
L4220.0	504223.6	5411216.3	66894.89844	326.96	0	48.853899	-86.942423	56170.45	56235	14.98	56185.43	56185.12500	56176.82989	56176.60547	504223.6	5411216.3
L4220.0	504223.6	5411215.0	66895.00000	327.81	0	48.853888	-86.942423	56170.06	56235	14.98	56185.04	56184.71094	56152.93151	56152.63672	504223.6	5411215.0
L4220.0	504223.6	5411215.0	66895.10156	327.98	0	48.853888	-86.942423	56170.60	56235	14.98	56185.58	56185.23047	56152.88866	56152.52344	504223.6	5411215.0
L4220.0	504223.6	5411213.0	66895.20313	326.62	0	48.853870	-86.942423	56171.56	56235	14.98	56186.54	56186.17188	56163.67219	56163.23828	504223.6	5411213.0
L4220.0	504223.6	5411211.5	66895.29688	326.50	0	48.853856	-86.942423	56172.62	56235	14.98	56187.60	56187.21094	56177.10173	56176.60156	504223.6	5411211.5
L4220.0	504223.6	5411211.5	66895.39844	328.07	0	48.853856	-86.942423	56173.42	56235	14.98	56188.40	56187.99219	56183.91225	56183.35156	504223.6	5411211.5
L4220.0	504223.6	5411209.0	66895.50000	327.59	0	48.853834	-86.942423	56173.54	56235	14.98	56188.52	56188.08984	56173.20800	56172.58984	504223.6	5411209.0
L4220.0	504223.6	5411209.0	66895.50000	327.59	0	48.853834	-86.942423	56174.35	56235	14.98	56189.33	56188.88281	56181.43353	56180.75781	504223.6	5411209.0
L4220.0	504223.6	5411207.6	66895.70313	328.27	0	48.853821	-86.942424	56174.30	56235	14.98	56189.28	56188.81641	56171.20700	56170.47266	504223.6	5411207.6
L4220.0	504223.6	5411206.2	66895.79688	327.03	0	48.853809	-86.942424	56175.54	56235	14.98	56190.52	56190.03906	56184.80032	56184.01172	504223.6	5411206.2
L4220.0	504223.6	5411206.2	66895.89844	328.11	0	48.853809	-86.942424	56176.29	56235	14.98	56191.27	56190.76953	56189.43189	56188.59766	504223.6	5411206.2
L4220.0	504223.6	5411204.5	66896.00000	327.85	0	48.853793	-86.942424	56177.34	56235	14.98	56192.32	56191.80469	56199.68879	56198.80859	504223.6	5411204.5
L4220.0	504223.6	5411202.7	66896.10156	329.48	0	48.853777	-86.942424	56177.82	56235	14.98	56192.80	56192.26953	56199.45485	56198.52734	504223.6	5411202.7
L4220.0	504223.6	5411202.7	66896.20313	328.78	0	48.853777	-86.942424	56177.64	56235	14.98	56192.62	56192.07422	56187.01040	56186.03906	504223.6	5411202.7
L4220.0	504223.6	5411201.2	66896.29688	328.63	0	48.853764	-86.942424	56178.34	56235	14.98	56193.32	56192.75781	56190.96415	56189.94922	504223.6	5411201.2
L4220.0	504223.6	5411199.8	66896.39844	327.30	0	48.853751	-86.942424	56178.70	56235	14.98	56193.69	56193.11328	56188.83941	56187.78906	504223.6	5411199.8
L4220.0	504223.6	5411199.8	66896.50000	328.54	0	48.853751	-86.942424	56179.28	56235	14.99	56194.26	56193.67188	56190.50190	56189.41797	504223.6	5411199.8
L4220.0	504223.5	5411198.5	66896.60156	327.70	0	48.853740	-86.942424	56179.33	56235	14.99	56194.31	56193.70703	56182.51198	56181.39453	504223.5	5411198.5
L4220.0	504223.5	5411195.8	66896.70313	328.95	0	48.853715	-86.942425	56179.96	56235	14.99	56194.95	56194.33594	56185.60548	56184.45703	504223.5	5411195.8
L4220.0	504223.5	5411195.0	66896.79688	328.70	0	48.853708	-86.942425	56180.65	56235	14.99	56195.64	56195.01563	56189.71343	56188.53516	504223.5	5411195.0
L4220.0	504223.5	5411195.0	66896.89844	326.57	0	48.853708	-86.942425	56181.64	56235	14.99	56196.63	56195.99219	56199.54119	56198.33594	504223.5	5411195.0
L4220.0	504223.5	5411193.7	66897.00000	326.68	0	48.853696	-86.942425	56182.29	56235	14.99	56197.28	56196.63281	56203.07004	56201.84375	504223.5	5411193.7
L4220.0	504223.5	5411192.1	66897.10156	325.66	0	48.853682	-86.942426	56183.00	56235	14.99	56197.99	56197.33203	56207.80949	56206.56250	504223.5	5411192.1
L4220.0	504223.5	5411192.1	66897.20313	326.53	0	48.853682	-86.942426	56183.05	56235	14.99	56198.03	56197.36328	56199.98038	56198.71094	504223.5	5411192.1
L4220.0	504223.4	5411190.3	66897.29688	327.28	0	48.853666	-86.942426	56183.57	56235	14.99	56198.56	56197.88281	56201.46282	56200.17578	504223.4	5411190.3
L4220.0	504223.4	5411189.3	66897.39844	327.60	0	48.853657	-86.942426	56184.37	56235	14.99	56199.36	56198.67578	56208.12354	56206.82422	504223.4	5411189.3
L4220.0	504223.4	5411189.3	66897.50000	328.70	0	48.853657	-86.942426	56184.71	56235	14.99	56199.70	56199.00781	56206.15595	56204.84375	504223.4	5411189.3
L4220.0	504223.4	5411187.3	66897.50000	328.70	0	48.853638	-86.942427	56185.53	56235	14.99	56200.51	56199.80859	56213.14772	56211.82422	504223.4	5411187.3
L4220.0	504223.4	5411185.6	66897.70313	329.02	0	48.853624	-86.942427	56185.88	56235	14.98	56200.87	56200.16406	56211.69559	56210.36328	504223.4	5411185.6
L4220.0	504223.4	5411184.1	66897.79688	329.17	0	48.853610	-86.942427	56187.16	56235	14.98	56202.14	56201.42578	56227.51481	56226.17578	504223.4	5411184.1
L4220.0	504223.4	5411184.1	66897.89844	330.60	0	48.853610	-86.942427	56186.06	56235	14.98	56201.04	56200.32031	56198.61045	56197.26953	504223.4	5411184.1
L4220.0	504223.4	5411182.8	66898.00000	329.26	0	48.853598	-86.942427	56185.93	56235	14.98	56200.91	56200.18750	56188.12553	56186.78125	504223.4	5411182.8
L4220.0	504223.4	5411181.1	66898.10156	330.72	0	48.853583	-86.942427	56186.06	56235	14.98	56201.04	56200.31250	56182.63075	56181.28906	504223.4	5411181.1
L4220.0	504223.4	5411181.1	66898.20313	330.29	0	48.853583	-86.942427	56187.39	56235	14.98	56202.37	56201.63672	56199.83037	56198.48438	504223.4	5411181.1
L4220.0	504223.4	5411179.4	66898.29688	329.18	0	48.853568	-86.942426	56187.57	56235	14.98	56202.55	56201.81250	56195.41145	56194.07031	504223.4	5411179.4
L4220.0	504223.4	5411178.4	66898.39844	330.61	0	48.853558	-86.942426	56187.69	56235	14.98	56202.66	56201.92188	56189.74810	56188.41406	504223.4	5411178.4
L4220.0	504223.5	5411177.0	66898.50000	327.42	0	48.853546	-86.942425	56188.36	56235	14.98	56203.33	56202.58594	56194.68402	56193.35938	504223.5	5411177.0
L4220.0	504223.5	5411177.0	66898.60156	326.18	0	48.853546	-86.942425	56188.74	56235	14.97	56203.71	56202.96484	56194.22525	56192.91016	504223.5	5411177.0
L4220.0	504223.5	5411175.4	66898.70313	324.53	0	48.853532	-86.942425	56189.85	56235	14.97	56204.82	56204.07422	56207.53168	56206.22266	504223.5	5411175.4
L4220.0	504223.6	5411173.6	66898.79688	326.68	0	48.853516	-86.942424	56189.63	56235	14.97	56204.61	56203.86328	56196.11068	56194.81250	504223.6	5411173.6
L4220.0	504223.6	5411172.5	66898.89844	327.32	0	48.853505	-86.942424	56190.43	56235	14.97	56205.40	56204.65234	56203.51384	56202.23438	504223.6	5411172.5
L4220.0	504223.6	5411172.5	66899.00000	327.02	0	48.853505	-86.942424	56191.08	56235	14.97	56206.05	56205.30078	56208.33624	56207.07422	504223.6	5411172.5
L4220.0	504223.6	5411171.1	66899.10156	327.25	0	48.853493	-86.942423	56191.96	56235	14.97	56206.94	56206.19141	56217.68875	56216.44141	504223.6	5411171.1
L4220.0	504223.7	5411169.7	66899.20313	327.07	0	48.853480	-86.942423	56192.44	56235	14.98	56207.42	56206.67188	56219.40000	56218.16797	504223.7	5411169.7
L4220.0	504223.7	5411169.7	66899.29688	329.22	0	48.853480	-86.942423	56192.28	56235	14.98	56207.26	56206.51172	56209.22037	56208.00781	504223.7	5411169.7
L4220.0	504223.7	5411168.3	66899.39844	328.42	0	48.853468	-86.942423	56192.50	56235	14.99	56207.49	56206.74609	56206.38298	56205.19531	504223.7	5411168.3
L4220.0	504223.7	5411168.3	66899.50000	328.97	0	48.853468	-86.942423	56193.07	56235	14.99	56208.06	56207.31641	56209.90618	56208.74219	504223.7	5411168.3
L4220.0	504223.8	5411165.2	66899.50000	328.97	0	48.853440	-86.942422	56193.77	56235	14.99	56208.76	56208.01953	56215.85042	56214.71094	504223.8	5411165.2
L4220.0	504223.8	5411165.2	66899.70313	328.61	0	48.853440	-86.942422	56194.38	56235	15.00	56209.38	56208.64063	56220.31911	56219.19922	504223.8	5411165.2
L4220.0	504223.8	5411163.9	66899.79688	330.06	0	48.853428	-86.942422	56194.41	56235	15.00	56209.41	56208.67578	56216.41861	56215.32422	504223.8	5411163.9
L4220.0	504223.8	5411163.9	66899.89844	328.65	0	48.853428	-86.942422	56194.13	56235	15.01	56209.14	56208.40625	56200.10884	56199.04297	504223.8	5411163.9
L4220.0	504223.8	5411162.3	66900.00000	329.17	0	48.853414	-86.942421	56193.72	56235	15.01	56208.73	56208.00000	56180.39495	56179.36328	504223.8	5411162.3
L4220.0	504223.8	5411160.5	66900.10156	329.68	0	48.853398	-86.942421	56194.46	56235	15.01	56209.47	56208.74609	56190.27391	56189.26953	504223.8	5411160.5
L4220.0	504223.8	5411158.8	66900.20313	328.18	0	48.853382	-86.942421	56195.02	56235	15.01	56210.03	56209.30859	56195.52695	56194.55078	504223.8	5411158.8
L4220.0	504223.8	5411157.5	66900.29688	329.74	0	48.853371	-86.942421	56195.57	56235	15.01	56210.58	56209.86328	56200.51111	56199.56250	504223.8	5411157.5
L4220.0	504223.8	5411157.5	66900.39844	329.73	0	48.853371	-86.942421	56195.64	56235	15.01	56210.65	56209.94141	56193.38085	56192.46875	504223.8	5411157.5
L4220.0	504223.8	5411156.1	66900.50000	328.13	0	48.853358	-86.942421	56195.93	56235	15.00	56210.93	56210.22656	56191.59827	56190.71875	504223.8	5411156.1
L4220.0	504223.8	5411156.1	66900.60156	329.21	0	48.853358	-86.942421	56196.18	56235	15.00	56211.18	56210.48047	56189.08624	56188.24219	504223.8	5411156.1
L4220.0	504223.8	5411154.8	66900.70313	323.80	0	48.853346	-86.942421	56196.86	56235	15.00	56211.86	56211.16797	56197.29013	56196.47656	504223.8	5411154.8
L4220.0	504223.8	5411153.2	66900.79688	323.31	0	48.853332	-86.942421	56197.59	56235	15.00	56212.60	56211.91406	56206.92054	56206.14063	504223.8	5411153.2
L4220.0	504223.8	5411151.3	66900.89844	323.83	0	48.853315	-86.942422	56197.90	56235	15.00	56212.90	56212.22266	56205.59200	56204.84766	504223.8	5411151.3
L4220.0	504223.8	5411151.3	66901.00000	323.18	0	48.853315	-86.942422	56198.57	56235	15.00	56213.57	56212.89844	56213.40369	56212.69922	504223.8	5411151.3
L4220.0	504223.7	5411149.7	66901.10156	323.70	0	48.853300	-86.942422	56198.92	56235	15.00	56213.92	56213.25781	56213.26756	56212.59766	504223.7	5411149.7
L4220.0	504223.7	5411148.3	66901.20313	323.66	0	48.853288	-86.942422	56199.39	56235	15.00	56214.39	56213.73438	56216.07575	56215.44141	504223.7	5411148.3
L4220.0	504223.7	5411148.3	66901.29688	324.35	0	48.853288	-86.942422	56199.36	56235	15.00	56214.36	56213.71094	56206.45871	56205.85938	504223.7	5411148.3
L4220.0	504223.7	5411146.7	66901.39844	325.91	0	48.853274	-86.942423	56199.46	56235	15.00	56214.46	56213.82031	56199.98433	56199.42578	504223.7	5411146.7
L4220.0	504223.7	5411146.7	66901.50000	324.33	0	48.853274	-86.942423	56199.61	56235	15.00	56214.60	56213.96875	56194.40616	56193.88672	504223.7	5411146.7
L4220.0	504223.7	5411144.9	66901.50000	324.33	0	48.853257	-86.942423	56200.25	56235	15.00	56215.25	56214.62891	56201.50372	56201.01953	504223.7	5411144.9
L4220.0	504223.7	5411143.6	66901.70313	327.36	0	48.853245	-86.942423	56200.97	56235	14.99	56215.97	56215.35938	56210.37418	56209.92578	504223.7	5411143.6
L4220.0	504223.7	5411142.2	66901.79688	326.78	0	48.853233	-86.942423	56201.57	56235	14.99	56216.56	56215.95703	56215.98851	56215.57813	504223.7	5411142.2
L4220.0	504223.7	5411142.2	66901.89844	327.29	0	48.853233	-86.942423	56201.79	56235	14.99	56216.78	56216.18750	56212.14440	56211.77734	504223.7	5411142.2
L4220.0	504223.7	5411140.2	66902.00000	329.73	0	48.853215	-86.942423	56201.65	56235	14.99	56216.64	56216.05859	56198.88456	56198.55859	504223.7	5411140.2
L4220.0	504223.7	5411138.8	66902.10156	329.61	0	48.853202	-86.942423	56202.22	56235	14.99	56217.21	56216.63672	56201.63992	56201.35156	504223.7	5411138.8
L4220.0	504223.7	5411138.8	66902.20313	327.88	0	48.853202	-86.942423	56202.63	56235	15.00	56217.62	56217.05859	56202.11392	56201.85938	504223.7	5411138.8
L4220.0	504223.7	5411137.5	66902.29688	328.51	0	48.853191	-86.942423	56203.39	56235	15.00	56218.39	56217.83984	56209.28951	56209.07422	504223.7	5411137.5
L4220.0	504223.7	5411136.2	66902.39844	330.29	0	48.853179	-86.942423	56203.64	56235	15.01	56218.65	56218.10938	56206.92439	56206.75000	504223.7	5411136.2
L4220.0	504223.8	5411134.6	66902.50000	330.92	0	48.853165	-86.942422	56204.19	56235	15.01	56219.20	56218.67188	56209.98286	56209.84766	504223.8	5411134.6
L4220.0	504223.8	5411134.6	66902.60156	328.31	0	48.853165	-86.942422	56204.38	56235	15.01	56219.39	56218.87109	56206.18089	56206.08203	504223.8	5411134.6

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4220.0	504223.8	5411133.1	66902.70313	327.70	0	48.853151	-86.942422	56204.57	56235	15.02	56219.58	56219.07422	56202.30396	56202.24219	504223.8	5411133.1
L4220.0	504223.8	5411133.1	66902.79688	325.98	0	48.853151	-86.942422	56205.13	56235	15.02	56220.15	56219.65234	56205.65552	56205.62891	504223.8	5411133.1
L4220.0	504223.8	5411131.3	66902.89844	328.00	0	48.853135	-86.942421	56205.41	56235	15.03	56220.43	56219.94531	56203.41060	56203.42578	504223.8	5411131.3
L4220.0	504223.9	5411129.5	66903.00000	328.77	0	48.853119	-86.942420	56206.14	56235	15.03	56221.17	56220.69922	56209.98540	56210.03906	504223.9	5411129.5
L4220.0	504223.9	5411129.5	66903.10156	329.99	0	48.853119	-86.942420	56206.30	56235	15.03	56221.32	56220.85938	56205.15625	56205.24609	504223.9	5411129.5
L4220.0	504223.9	5411127.9	66903.20313	329.87	0	48.853104	-86.942420	56206.93	56235	15.02	56221.96	56221.51172	56209.72962	56209.85547	504223.9	5411127.9
L4220.0	504224.0	5411126.5	66903.29688	329.10	0	48.853092	-86.942420	56207.05	56235	15.02	56222.07	56221.63672	56204.05065	56204.21094	504224.0	5411126.5
L4220.0	504224.0	5411126.5	66903.39844	329.37	0	48.853092	-86.942420	56207.08	56235	15.02	56222.10	56221.67969	56196.81195	56197.01172	504224.0	5411126.5
L4220.0	504224.0	5411124.9	66903.50000	330.15	0	48.853077	-86.942419	56207.30	56235	15.01	56222.32	56221.91016	56193.20667	56193.44531	504224.0	5411124.9
L4220.0	504224.0	5411123.3	66903.50000	330.15	0	48.853063	-86.942419	56207.82	56235	15.01	56222.84	56222.44531	56195.30949	56195.58203	504224.0	5411123.3
L4220.0	504224.0	5411123.3	66903.70313	330.50	0	48.853063	-86.942419	56208.52	56235	15.01	56223.53	56223.14844	56200.58648	56200.89063	504224.0	5411123.3
L4220.0	504224.0	5411121.5	66903.79688	330.51	0	48.853047	-86.942419	56209.29	56235	15.01	56224.30	56223.92969	56207.29129	56207.62891	504224.0	5411121.5
L4220.0	504224.0	5411120.0	66903.89844	329.80	0	48.853033	-86.942418	56210.35	56235	15.00	56225.35	56224.99219	56219.18615	56219.56250	504224.0	5411120.0
L4220.0	504224.0	5411120.0	66904.00000	328.24	0	48.853033	-86.942418	56210.56	56235	15.00	56225.56	56225.21875	56215.11496	56215.52344	504224.0	5411120.0
L4220.0	504224.0	5411118.6	66904.10156	328.04	0	48.853021	-86.942418	56210.95	56235	15.00	56225.95	56225.62109	56214.39087	56214.83203	504224.0	5411118.6
L4220.0	504224.0	5411118.6	66904.20313	327.96	0	48.853021	-86.942418	56211.31	56235	15.00	56226.31	56225.99609	56213.04717	56213.51953	504224.0	5411118.6
L4220.0	504224.1	5411116.5	66904.29688	325.01	0	48.853002	-86.942418	56212.12	56235	15.01	56227.12	56226.81641	56220.05725	56220.56250	504224.1	5411116.5
L4220.0	504224.1	5411115.5	66904.39844	322.93	0	48.852992	-86.942418	56212.39	56235	15.01	56227.40	56227.11328	56217.08814	56217.62500	504224.1	5411115.5
L4220.0	504224.1	5411113.9	66904.50000	324.14	0	48.852978	-86.942418	56212.74	56235	15.01	56227.75	56227.47656	56215.36760	56215.93750	504224.1	5411113.9
L4220.0	504224.1	5411113.9	66904.60156	323.80	0	48.852978	-86.942418	56213.36	56235	15.01	56228.37	56228.10938	56218.61190	56219.21094	504224.1	5411113.9
L4220.0	504224.1	5411112.4	66904.70313	326.37	0	48.852965	-86.942418	56214.06	56235	15.01	56229.07	56228.82422	56223.27805	56223.90625	504224.1	5411112.4
L4220.0	504224.1	5411110.7	66904.79688	326.20	0	48.852950	-86.942417	56214.46	56235	15.02	56229.48	56229.25000	56222.48312	56223.14063	504224.1	5411110.7
L4220.0	504224.1	5411109.4	66904.89844	326.35	0	48.852938	-86.942417	56214.41	56235	15.02	56229.43	56229.21484	56213.05580	56213.74219	504224.1	5411109.4
L4220.0	504224.1	5411109.4	66905.00000	328.11	0	48.852938	-86.942417	56214.85	56235	15.02	56229.87	56229.66797	56212.68541	56213.40234	504224.1	5411109.4
L4220.0	504224.1	5411107.8	66905.10156	327.14	0	48.852924	-86.942417	56215.57	56235	15.02	56230.59	56230.40234	56217.47785	56218.22266	504224.1	5411107.8
L4220.0	504224.2	5411106.4	66905.20313	325.75	0	48.852911	-86.942417	56216.38	56235	15.02	56231.40	56231.22656	56223.90656	56224.67578	504224.2	5411106.4
L4220.0	504224.2	5411106.4	66905.29688	327.64	0	48.852911	-86.942417	56217.30	56235	15.02	56232.31	56232.15234	56232.17567	56232.96875	504224.2	5411106.4
L4220.0	504224.2	5411105.0	66905.39844	329.84	0	48.852898	-86.942417	56217.81	56235	15.02	56232.82	56232.67969	56232.90834	56233.73047	504224.2	5411105.0
L4220.0	504224.2	5411103.5	66905.50000	328.85	0	48.852885	-86.942417	56218.19	56235	15.01	56233.20	56233.07422	56231.13964	56231.98438	504224.2	5411103.5
L4220.0	504224.2	5411103.5	66905.50000	328.85	0	48.852885	-86.942417	56218.39	56235	15.01	56233.41	56233.29688	56226.09537	56226.96484	504224.2	5411103.5
L4220.0	504224.2	5411101.7	66905.70313	331.98	0	48.852869	-86.942416	56218.98	56235	15.01	56234.00	56233.90234	56228.16883	56229.06250	504224.2	5411101.7
L4220.0	504224.2	5411101.7	66905.79688	330.48	0	48.852869	-86.942416	56219.52	56235	15.01	56234.53	56234.44922	56229.06263	56229.97656	504224.2	5411101.7
L4220.0	504224.2	5411099.8	66905.89844	329.49	0	48.852851	-86.942416	56220.16	56235	15.01	56235.17	56235.10547	56232.00564	56232.94531	504224.2	5411099.8
L4220.0	504224.2	5411098.2	66906.00000	329.31	0	48.852837	-86.942416	56220.69	56235	15.01	56235.70	56235.64844	56232.81628	56233.77734	504224.2	5411098.2
L4220.0	504224.2	5411097.1	66906.10156	329.80	0	48.852827	-86.942416	56221.05	56235	15.01	56236.06	56236.02344	56230.33824	56231.32031	504224.2	5411097.1
L4220.0	504224.2	5411097.1	66906.20313	327.44	0	48.852827	-86.942416	56221.77	56235	15.01	56236.78	56236.76172	56234.69572	56235.69531	504224.2	5411097.1
L4220.0	504224.3	5411095.3	66906.29688	328.02	0	48.852811	-86.942416	56222.25	56235	15.01	56237.27	56237.26563	56234.62113	56235.64063	504224.3	5411095.3
L4220.0	504224.3	5411095.3	66906.39844	327.59	0	48.852811	-86.942416	56222.81	56235	15.01	56237.83	56237.84375	56235.84754	56236.88672	504224.3	5411095.3
L4220.0	504224.3	5411093.4	66906.50000	328.17	0	48.852794	-86.942415	56223.14	56235	15.01	56238.16	56238.18750	56232.65265	56233.71094	504224.3	5411093.4
L4220.0	504224.3	5411091.8	66906.60156	328.76	0	48.852780	-86.942415	56223.83	56235	15.02	56238.84	56238.88281	56236.09979	56237.17578	504224.3	5411091.8
L4220.0	504224.3	5411091.8	66906.70313	328.42	0	48.852780	-86.942415	56224.35	56235	15.02	56239.36	56239.41797	56236.46793	56237.55859	504224.3	5411091.8
L4220.0	504224.3	5411090.7	66906.79688	328.11	0	48.852770	-86.942415	56225.18	56235	15.02	56240.19	56240.26563	56242.65769	56243.76563	504224.3	5411090.7
L4220.0	504224.3	5411089.3	66906.89844	327.74	0	48.852757	-86.942415	56225.70	56235	15.02	56240.71	56240.80078	56242.94705	56244.07031	504224.3	5411089.3
L4220.0	504224.3	5411087.7	66907.00000	329.36	0	48.852743	-86.942415	56225.81	56235	15.02	56240.83	56240.93750	56235.74540	56236.88672	504224.3	5411087.7
L4220.0	504224.3	5411085.7	66907.10156	329.30	0	48.852725	-86.942415	56226.36	56235	15.02	56241.38	56241.50391	56236.59068	56237.74609	504224.3	5411085.7
L4220.0	504224.3	5411085.7	66907.20313	329.60	0	48.852725	-86.942415	56226.76	56235	15.02	56241.78	56241.91797	56234.64591	56235.81250	504224.3	5411085.7
L4220.0	504224.3	5411084.8	66907.29688	328.47	0	48.852717	-86.942415	56227.23	56235	15.02	56242.25	56242.40625	56231.53202	56232.71484	504224.3	5411084.8
L4220.0	504224.3	5411083.0	66907.39844	328.82	0	48.852700	-86.942415	56227.73	56235	15.02	56242.74	56242.91016	56230.73081	56231.92578	504224.3	5411083.0
L4220.0	504224.3	5411083.0	66907.50000	327.58	0	48.852700	-86.942415	56228.50	56235	15.01	56243.52	56243.70703	56237.33233	56238.53906	504224.3	5411083.0
L4220.0	504224.3	5411081.7	66907.50000	327.58	0	48.852689	-86.942416	56229.44	56235	15.01	56244.46	56244.66406	56247.92140	56249.14063	504224.3	5411081.7
L4220.0	504224.3	5411080.1	66907.70313	326.60	0	48.852675	-86.942416	56230.04	56235	15.01	56245.05	56245.26953	56249.54007	56250.76953	504224.3	5411080.1
L4220.0	504224.3	5411079.0	66907.79688	327.30	0	48.852664	-86.942416	56230.26	56235	15.01	56245.27	56245.50391	56241.79551	56243.03516	504224.3	5411079.0
L4220.0	504224.3	5411079.0	66907.89844	326.18	0	48.852664	-86.942416	56230.95	56235	15.01	56245.96	56246.21094	56245.92988	56247.17969	504224.3	5411079.0
L4220.0	504224.3	5411077.2	66908.00000	324.45	0	48.852648	-86.942416	56231.56	56235	15.01	56246.57	56246.83984	56248.03259	56249.29297	504224.3	5411077.2
L4220.0	504224.3	5411075.8	66908.10156	325.12	0	48.852636	-86.942416	56232.02	56235	15.01	56247.03	56247.31250	56246.35105	56247.62109	504224.3	5411075.8
L4220.0	504224.3	5411075.8	66908.20313	323.02	0	48.852636	-86.942416	56232.57	56235	15.01	56247.57	56247.87109	56246.68313	56247.96094	504224.3	5411075.8
L4220.0	504224.3	5411074.1	66908.29688	324.22	0	48.852621	-86.942416	56233.09	56235	15.01	56248.10	56248.41797	56246.76085	56248.04688	504224.3	5411074.1
L4220.0	504224.2	5411072.5	66908.39844	325.80	0	48.852606	-86.942416	56233.66	56235	15.01	56248.67	56249.00391	56247.85845	56249.15625	504224.2	5411072.5
L4220.0	504224.2	5411072.5	66908.50000	325.20	0	48.852606	-86.942416	56233.91	56235	15.00	56248.92	56249.26953	56240.74206	56242.04688	504224.2	5411072.5
L4220.0	504224.2	5411071.0	66908.60156	324.87	0	48.852593	-86.942416	56234.81	56235	15.00	56249.81	56250.17578	56250.96451	56252.27344	504224.2	5411071.0
L4220.0	504224.2	5411069.8	66908.70313	326.49	0	48.852582	-86.942417	56235.29	56235	15.00	56250.29	56250.67188	56250.43942	56251.75781	504224.2	5411069.8
L4220.0	504224.2	5411068.4	66908.79688	326.95	0	48.852569	-86.942417	56235.61	56235	15.00	56250.61	56251.00781	56246.90616	56248.23047	504224.2	5411068.4
L4220.0	504224.2	5411068.4	66908.89844	327.40	0	48.852569	-86.942417	56235.95	56235	15.00	56250.95	56251.36328	56243.67877	56245.00781	504224.2	5411068.4
L4220.0	504224.2	5411066.9	66909.00000	327.35	0	48.852555	-86.942417	56236.62	56235	15.00	56251.62	56252.05078	56246.71964	56248.05469	504224.2	5411066.9
L4220.0	504224.2	5411065.3	66909.10156	327.04	0	48.852541	-86.942417	56237.43	56235	15.00	56252.44	56252.88672	56252.75846	56254.09766	504224.2	5411065.3
L4220.0	504224.2	5411065.3	66909.20313	325.15	0	48.852541	-86.942417	56237.74	56235	15.00	56252.74	56253.20313	56248.73006	56250.07422	504224.2	5411065.3
L4220.0	504224.2	5411063.6	66909.29688	329.31	0	48.852525	-86.942417	56238.38	56235	15.01	56253.39	56253.86719	56251.58573	56252.93359	504224.2	5411063.6
L4220.0	504224.2	5411062.1	66909.39844	331.44	0	48.852513	-86.942417	56239.33	56235	15.01	56254.34	56254.83594	56260.55356	56261.90625	504224.2	5411062.1
L4220.0	504224.2	5411062.1	66909.50000	335.22	0	48.852513	-86.942417	56240.32	56235	15.01	56255.33	56255.83984	56270.53177	56271.89063	504224.2	5411062.1
L4220.0	504224.2	5411060.3	66909.50000	335.22	0	48.852496	-86.942417	56240.70	56235	15.01	56255.71	56256.23828	56268.21526	56269.57813	504224.2	5411060.3
L4220.0	504224.2	5411059.2	66909.70313	333.73	0	48.852486	-86.942417	56241.21	56235	15.01	56256.22	56256.76172	56268.55240	56269.91797	504224.2	5411059.2
L4220.0	504224.2	5411059.2	66909.79688	334.64	0	48.852486	-86.942417	56241.63	56235	15.02	56256.64	56257.19922	56267.04141	56268.41016	504224.2	5411059.2
L4220.0	504224.2	5411057.4	66909.89844	334.34	0	48.852470	-86.942417	56242.31	56235	15.02	56257.33	56257.90625	56271.15708	56272.52734	504224.2	5411057.4
L4220.0	504224.3	5411055.5	66910.00000	333.01	0	48.852453	-86.942416	56243.23	56235	15.02	56258.25	56258.83984	56280.12183	56281.49609	504224.3	5411055.5
L4220.0	504224.3	5411055.5	66910.10156	333.69	0	48.852453	-86.942416	56243.45	56235	15.02	56258.47	56259.07813	56274.49470	56275.87109	504224.3	5411055.5
L4220.0	504224.3	5411054.1	66910.20313	333.81	0	48.852441	-86.942416	56243.96	56235	15.02	56258.99	56259.61328	56275.15334	56276.53125	504224.3	5411054.1
L4220.0	504224.3	5411052.7	66910.29688	330.50	0	48.852428	-86.942416	56243.89	56235	15.03	56258.91	56259.54688	56263.31505	56264.69531	504224.3	5411052.7
L4220.0	504224.3	5411052.7	66910.39844	329.87	0	48.852428	-86.942416	56244.82	56235	15.03	56259.84	56260.49609	56272.58863	56273.96875	504224.3	5411052.7
L4220.0	504224.3	5411051.0	66910.50000	330.96	0	48.852413	-86.942416	56245.24	56235	15.03	56260.27	56260.94141	56271.47504	56272.85547	504224.3	5411051.0
L4220.0	504224.3	5411049.0	66910.60156	332.07	0	48.852395	-86.942415	56246.01	56235	15.03	56261.04	56261.72656	56277.41815	56278.80078	504224.3	5411049.0
L4220.0	504224.3	5411047.8	66910.70313	333.00	0	48.852384	-86.942415	56246.80	56235	15.03	56261.83	56262.53125	56283.74483	56285.12891	504224.3	5411047.8
L4220.0	504224.3	5411047.8	66910.79688	333.02	0	48.852384	-86.942415	56247.09	56235	15.04	56262.12	56262.83594	56279.87424	56281.25781	504224.3	5411047.8
L4220.0	504224.3	5411046.5	66910.89844	330.92	0	48.852372	-86.942415	56247.56	56235	15.04	56262.60	56263.33203	56279.94869	56281.33203	504224.3	5411046.5
L4220.0	504224.3	5411046.5	66911.00000	330.52	0	48.852372	-86.942415	56248.23	56235	15.04	56263.27	56264.01563	56283.89356	56285.27734	504224.3	5411046.5
L4220.0	504224.4	5411044.7	66911.10156	329.55	0	48.852356	-86.942415	56248.79	56235	15.04	56263.83	56264.59375	56285.66343	56287.04688	504224.4	5411044.7
L4220.0	504224.4	5411042.9	66911.20313	329.70	0	48.852340	-86.942415	56248.79	56235	15.04	56263.83	56264.60547	56276.39927	56277.78516	504224.4	5411042.9
L4220.0	504224.4	5411042.0	66911.29688	329.23	0	48.852331	-86.942415	56249.02	56235	15.04	56264.06	56264.85156	56271.84031	56273.22656	504224.4	5411042.0
L4220.0	504224.4	5411042.0	66911.39844	326.11	0	48.852331	-86.942415	56249.54	56235	15.04	56264.57	56265.37891	56272.88388	56274.26953	504224.4	5411042.0
L4220.0	504224.4	5411040.6	66911.50000	326.52	0	48.852319	-86.942414	56250.06	56235	15.03	56265.10	56265.92188	56274.37980	56275.76172	504224.4	5411040.6
L4220.0	504224.4	5411039.3	66911.50000	326.52	0	48.852307	-86.942414	56250.66	56235	15.03	56265.70	56266.53516	56277.30115	56278.68359	504224.4	5411039.3
L4220.0	504224.4	5411037.5	66911.70313	329.44	0	48.852291	-86.942414	56251.27	56235	15.03	56266.30	56267.15234	56280.28087	56281.66016	504224.4	5411037.5
L4220.0	504224.4	5411037.5	66911.79688	327.69	0	48.852291	-86.942414	56252.21	56235	15.03	56267.24	56268.10547	56289.93527	56291.31641	504224.4	5411037.5
L4220.0	504224.4	5411036.2	66911.89844	327.88	0	48.852280	-86.942414	56252.34	56235	15.03	56267.37	56268.25000	56283.90619	56285.28516	504224.4	5411036.2

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4220.0	504224.4	5411036.2	66912.00000	328.18	0	48.852280	-86.942414	56252.73	56235	15.03	56267.76	56268.65234	56283.00195	56284.37891	504224.4	5411036.2
L4220.0	504224.4	5411034.6	66912.10156	325.39	0	48.852265	-86.942414	56252.72	56235	15.03	56267.75	56268.66016	56274.38213	56275.75781	504224.4	5411034.6
L4220.0	504224.5	5411033.1	66912.20313	325.54	0	48.852251	-86.942414	56253.21	56235	15.04	56268.25	56269.17188	56275.74180	56277.11328	504224.5	5411033.1
L4220.0	504224.5	5411031.4	66912.29688	328.76	0	48.852237	-86.942414	56253.59	56235	15.04	56268.63	56269.56641	56274.82686	56276.19922	504224.5	5411031.4
L4220.0	504224.5	5411031.4	66912.39844	329.08	0	48.852237	-86.942414	56254.46	56235	15.04	56269.50	56270.44922	56283.52825	56284.89844	504224.5	5411031.4
L4220.0	504224.5	5411030.3	66912.50000	330.86	0	48.852226	-86.942413	56254.64	56235	15.04	56269.68	56270.64453	56278.83568	56280.20313	504224.5	5411030.3
L4220.0	504224.5	5411028.6	66912.60156	332.02	0	48.852211	-86.942413	56254.96	56235	15.05	56270.01	56270.98828	56277.12561	56278.48828	504224.5	5411028.6
L4220.0	504224.5	5411027.0	66912.70313	332.12	0	48.852196	-86.942413	56255.55	56234.9	15.05	56270.60	56271.58984	56280.55462	56281.91406	504224.5	5411027.0
L4220.0	504224.5	5411027.0	66912.79688	330.88	0	48.852196	-86.942413	56256.09	56234.9	15.05	56271.15	56272.15234	56283.26205	56284.62109	504224.5	5411027.0
L4220.0	504224.5	5411025.4	66912.89844	331.03	0	48.852183	-86.942413	56256.93	56234.9	15.06	56271.99	56273.00391	56291.69242	56293.04688	504224.5	5411025.4
L4220.0	504224.5	5411023.9	66913.00000	330.93	0	48.852168	-86.942413	56257.24	56234.9	15.06	56272.30	56273.32813	56289.81921	56291.16797	504224.5	5411023.9
L4220.0	504224.5	5411022.3	66913.10156	331.57	0	48.852154	-86.942413	56257.85	56234.9	15.06	56272.91	56273.94922	56293.85332	56295.19922	504224.5	5411022.3
L4220.0	504224.5	5411022.3	66913.20313	331.72	0	48.852154	-86.942413	56258.03	56234.9	15.06	56273.08	56274.13281	56289.36118	56290.70313	504224.5	5411022.3
L4220.0	504224.5	5411020.9	66913.29688	330.34	0	48.852142	-86.942413	56258.52	56234.9	15.06	56273.58	56274.64453	56291.34827	56292.68750	504224.5	5411020.9
L4220.0	504224.5	5411020.9	66913.39844	329.06	0	48.852142	-86.942413	56258.87	56234.9	15.06	56273.92	56274.99609	56290.27865	56291.61328	504224.5	5411020.9
L4220.0	504224.5	5411019.0	66913.50000	328.71	0	48.852125	-86.942413	56259.34	56234.9	15.06	56274.39	56275.48047	56291.77503	56293.10547	504224.5	5411019.0
L4220.0	504224.6	5411017.2	66913.50000	328.71	0	48.852109	-86.942412	56259.46	56234.9	15.06	56274.51	56275.61328	56286.59272	56287.91797	504224.6	5411017.2
L4220.0	504224.6	5411015.6	66913.70313	328.23	0	48.852094	-86.942412	56259.89	56234.9	15.05	56274.95	56276.06250	56287.62814	56288.94922	504224.6	5411015.6
L4220.0	504224.6	5411015.6	66913.79688	327.64	0	48.852094	-86.942412	56260.15	56234.9	15.05	56275.20	56276.32422	56285.10125	56286.41797	504224.6	5411015.6
L4220.0	504224.5	5411013.5	66913.89844	327.55	0	48.852076	-86.942413	56260.30	56234.9	15.05	56275.35	56276.48438	56280.77310	56282.08203	504224.5	5411013.5
L4220.0	504224.5	5411013.5	66914.00000	328.06	0	48.852076	-86.942413	56260.96	56234.9	15.05	56276.01	56277.15625	56286.13442	56287.43750	504224.5	5411013.5
L4220.0	504224.5	5411012.1	66914.10156	327.83	0	48.852063	-86.942413	56261.43	56234.9	15.05	56276.48	56277.63672	56287.94648	56289.24219	504224.5	5411012.1
L4220.0	504224.5	5411010.8	66914.20313	327.83	0	48.852051	-86.942413	56262.13	56234.9	15.05	56277.18	56278.34766	56294.06632	56295.35938	504224.5	5411010.8
L4220.0	504224.5	5411010.8	66914.29688	328.08	0	48.852051	-86.942413	56262.39	56234.9	15.05	56277.45	56278.62891	56292.24270	56293.52734	504224.5	5411010.8
L4220.0	504224.5	5411009.1	66914.39844	328.52	0	48.852036	-86.942414	56262.95	56234.9	15.05	56278.00	56279.18750	56296.97048	56298.25000	504224.5	5411009.1
L4220.0	504224.4	5411007.6	66914.50000	330.07	0	48.852022	-86.942414	56263.01	56234.9	15.05	56278.06	56279.25781	56289.11653	56290.38672	504224.4	5411007.6
L4220.0	504224.4	5411006.2	66914.60156	327.07	0	48.852010	-86.942415	56263.11	56234.9	15.05	56278.16	56279.36719	56282.44839	56283.71094	504224.4	5411006.2
L4220.0	504224.4	5411005.1	66914.70313	327.17	0	48.852000	-86.942415	56263.56	56234.9	15.05	56278.61	56279.82813	56284.84047	56286.09766	504224.4	5411005.1
L4220.0	504224.4	5411005.1	66914.79688	326.70	0	48.852000	-86.942415	56263.93	56234.9	15.05	56278.98	56280.20703	56285.25739	56286.50781	504224.4	5411005.1
L4220.0	504224.3	5411003.6	66914.89844	326.11	0	48.851986	-86.942416	56264.38	56234.9	15.05	56279.43	56280.66406	56287.76889	56289.01172	504224.3	5411003.6
L4220.0	504224.3	5411002.0	66915.00000	325.12	0	48.851972	-86.942416	56264.82	56234.9	15.05	56279.87	56281.11328	56290.08643	56291.32031	504224.3	5411002.0
L4220.0	504224.3	5411002.0	66915.10156	325.61	0	48.851972	-86.942416	56265.71	56234.9	15.05	56280.77	56282.02344	56304.03038	56305.25391	504224.3	5411002.0
L4220.0	504224.3	5411000.4	66915.20313	324.13	0	48.851957	-86.942417	56265.86	56234.9	15.06	56280.92	56282.18359	56299.17625	56300.39453	504224.3	5411000.4
L4220.0	504224.3	5411000.4	66915.29688	324.76	0	48.851957	-86.942417	56266.12	56234.9	15.06	56281.18	56282.44922	56297.17337	56298.38281	504224.3	5411000.4
L4220.0	504224.2	5410997.3	66915.39844	325.04	0	48.851929	-86.942418	56266.38	56234.9	15.07	56281.44	56282.71875	56295.25202	56296.44922	504224.2	5410997.3
L4220.0	504224.2	5410997.3	66915.50000	323.78	0	48.851929	-86.942418	56266.52	56234.9	15.07	56281.59	56282.87500	56290.65460	56291.84375	504224.2	5410997.3
L4220.0	504224.1	5410995.4	66915.50000	323.78	0	48.851913	-86.942419	56267.09	56234.9	15.07	56282.16	56283.45313	56296.64556	56297.82422	504224.1	5410995.4
L4220.0	504224.1	5410995.4	66915.70313	325.81	0	48.851913	-86.942419	56267.24	56234.9	15.08	56282.32	56283.62109	56292.44129	56293.61328	504224.1	5410995.4
L4220.0	504224.1	5410993.9	66915.79688	327.33	0	48.851899	-86.942419	56267.88	56234.9	15.08	56282.96	56284.26953	56300.35099	56301.51172	504224.1	5410993.9
L4220.0	504224.1	5410993.9	66915.89844	328.46	0	48.851899	-86.942419	56267.93	56234.9	15.09	56283.02	56284.33594	56293.76746	56294.91797	504224.1	5410993.9
L4220.0	504224.1	5410992.8	66916.00000	325.15	0	48.851889	-86.942420	56268.70	56234.9	15.09	56283.79	56285.11328	56305.14172	56306.28125	504224.1	5410992.8
L4220.0	504224.0	5410990.9	66916.10156	323.35	0	48.851872	-86.942420	56268.72	56234.9	15.09	56283.81	56285.14063	56297.66777	56298.79688	504224.0	5410990.9
L4220.0	504224.0	5410989.5	66916.20313	324.48	0	48.851859	-86.942421	56269.23	56234.9	15.09	56284.32	56285.65625	56302.66555	56303.78516	504224.0	5410989.5
L4220.0	504224.0	5410989.5	66916.29688	326.42	0	48.851859	-86.942421	56269.16	56234.9	15.08	56284.24	56285.58203	56292.71986	56293.82813	504224.0	5410989.5
L4220.0	504223.9	5410988.0	66916.39844	327.59	0	48.851845	-86.942421	56269.34	56234.9	15.08	56284.42	56285.76953	56289.42214	56290.51953	504223.9	5410988.0
L4220.0	504223.9	5410986.5	66916.50000	328.05	0	48.851833	-86.942422	56270.00	56234.9	15.08	56285.08	56286.43359	56298.51198	56299.59375	504223.9	5410986.5
L4220.0	504223.9	5410986.5	66916.60156	328.54	0	48.851833	-86.942422	56270.21	56234.9	15.08	56285.29	56286.65234	56296.12046	56297.19141	504223.9	5410986.5
L4220.0	504223.8	5410984.9	66916.70313	327.32	0	48.851818	-86.942422	56270.84	56234.9	15.08	56285.91	56287.27734	56303.70530	56304.76563	504223.8	5410984.9
L4220.0	504223.8	5410983.8	66916.79688	326.93	0	48.851808	-86.942423	56270.79	56234.9	15.07	56285.87	56287.24219	56297.66156	56298.71094	504223.8	5410983.8
L4220.0	504223.8	5410982.4	66916.89844	327.83	0	48.851796	-86.942424	56271.61	56234.9	15.07	56286.68	56288.05469	56307.36945	56308.40625	504223.8	5410982.4
L4220.0	504223.8	5410982.4	66917.00000	328.93	0	48.851796	-86.942424	56271.71	56234.9	15.07	56286.78	56288.16016	56303.98404	56305.00781	504223.8	5410982.4
L4220.0	504223.7	5410980.9	66917.10156	329.43	0	48.851782	-86.942424	56272.19	56234.9	15.07	56287.26	56288.64453	56307.70381	56308.71484	504223.7	5410980.9
L4220.0	504223.7	5410979.3	66917.20313	329.48	0	48.851768	-86.942425	56272.04	56234.9	15.07	56287.11	56288.50000	56299.70967	56300.70703	504223.7	5410979.3
L4220.0	504223.7	5410979.3	66917.29688	329.56	0	48.851768	-86.942425	56272.45	56234.9	15.07	56287.53	56288.92578	56302.39547	56303.38281	504223.7	5410979.3
L4220.0	504223.6	5410978.2	66917.39844	328.44	0	48.851758	-86.942425	56272.65	56234.9	15.07	56287.72	56289.12109	56300.82140	56301.79297	504223.6	5410978.2
L4220.0	504223.6	5410976.4	66917.50000	328.35	0	48.851742	-86.942426	56272.76	56234.9	15.07	56287.83	56289.23438	56297.78724	56298.74609	504223.6	5410976.4
L4220.0	504223.6	5410976.4	66917.50000	328.35	0	48.851742	-86.942426	56273.54	56234.9	15.07	56288.61	56290.01953	56307.36897	56308.31641	504223.6	5410976.4
L4220.0	504223.5	5410973.4	66917.70313	329.22	0	48.851714	-86.942427	56273.63	56234.9	15.08	56288.70	56290.11328	56304.05026	56304.98438	504223.5	5410973.4
L4220.0	504223.5	5410973.4	66917.79688	327.64	0	48.851714	-86.942427	56274.21	56234.9	15.08	56289.29	56290.70703	56310.16176	56311.08203	504223.5	5410973.4
L4220.0	504223.5	5410971.8	66917.89844	328.81	0	48.851700	-86.942427	56274.14	56234.9	15.08	56289.22	56290.64063	56303.93669	56304.84375	504223.5	5410971.8
L4220.0	504223.5	5410971.8	66918.00000	330.43	0	48.851700	-86.942427	56274.64	56234.9	15.08	56289.72	56291.14453	56308.45265	56309.34375	504223.5	5410971.8
L4220.0	504223.5	5410969.9	66918.10156	328.65	0	48.851683	-86.942427	56274.79	56234.9	15.08	56289.88	56291.30469	56306.64284	56307.51953	504223.5	5410969.9
L4220.0	504223.5	5410968.6	66918.20313	327.23	0	48.851671	-86.942428	56275.00	56234.9	15.09	56290.08	56291.50781	56305.63579	56306.50000	504223.5	5410968.6
L4220.0	504223.5	5410968.6	66918.29688	325.22	0	48.851671	-86.942428	56275.39	56234.9	15.09	56290.48	56291.91406	56308.42515	56309.27734	504223.5	5410968.6
L4220.0	504223.5	5410966.9	66918.39844	326.13	0	48.851656	-86.942428	56275.51	56234.9	15.09	56290.60	56292.03516	56306.02726	56306.86328	504223.5	5410966.9
L4220.0	504223.4	5410965.6	66918.50000	324.49	0	48.851645	-86.942428	56276.00	56234.9	15.10	56291.10	56292.53906	56310.79097	56311.61328	504223.4	5410965.6
L4220.0	504223.4	5410965.6	66918.60156	326.94	0	48.851645	-86.942428	56275.96	56234.9	15.10	56291.06	56292.50000	56305.51260	56306.32031	504223.4	5410965.6
L4220.0	504223.4	5410963.6	66918.70313	329.24	0	48.851626	-86.942428	56276.41	56234.9	15.10	56291.51	56292.95313	56309.45055	56310.24609	504223.4	5410963.6
L4220.0	504223.4	5410962.2	66918.79688	328.56	0	48.851614	-86.942428	56276.51	56234.9	15.10	56291.61	56293.05859	56306.90023	56307.67969	504223.4	5410962.2
L4220.0	504223.4	5410960.5	66918.89844	327.87	0	48.851598	-86.942429	56276.96	56234.9	15.11	56292.07	56293.51953	56311.13726	56311.90234	504223.4	5410960.5
L4220.0	504223.4	5410960.5	66919.00000	328.87	0	48.851598	-86.942429	56277.12	56234.9	15.11	56292.23	56293.68359	56309.81910	56310.57031	504223.4	5410960.5
L4220.0	504223.4	5410959.1	66919.10156	328.05	0	48.851586	-86.942429	56277.38	56234.9	15.11	56292.49	56293.94531	56310.42725	56311.16406	504223.4	5410959.1
L4220.0	504223.4	5410957.7	66919.20313	325.03	0	48.851573	-86.942429	56277.73	56234.9	15.11	56292.84	56294.29688	56312.77816	56313.50391	504223.4	5410957.7
L4220.0	504223.4	5410957.7	66919.29688	330.73	0	48.851573	-86.942429	56277.81	56234.9	15.11	56292.92	56294.37891	56310.12286	56310.83594	504223.4	5410957.7
L4220.0	504223.4	5410955.9	66919.39844	329.46	0	48.851557	-86.942429	56278.16	56234.9	15.11	56293.27	56294.73047	56312.58548	56313.28125	504223.4	5410955.9
L4220.0	504223.4	5410954.5	66919.50000	328.17	0	48.851545	-86.942428	56278.50	56234.9	15.11	56293.61	56295.07422	56314.91696	56315.60156	504223.4	5410954.5
L4220.0	504223.4	5410954.5	66919.50000	328.17	0	48.851545	-86.942428	56278.80	56234.9	15.11	56293.91	56295.37500	56316.55124	56317.22266	504223.4	5410954.5
L4220.0	504223.4	5410953.0	66919.60156	329.03	0	48.851531	-86.942428	56278.63	56234.9	15.11	56293.74	56295.20703	56309.39432	56310.05469	504223.4	5410953.0
L4220.0	504223.5	5410951.3	66919.70313	327.24	0	48.851516	-86.942428	56278.85	56234.9	15.11	56293.96	56295.42969	56309.62216	56310.26953	504223.5	5410951.3
L4220.0	504223.5	5410951.3	66919.79688	326.45	0	48.851516	-86.942428	56278.84	56234.9	15.11	56293.95	56295.42188	56305.57065	56306.20313	504223.5	5410951.3
L4220.0	504223.5	5410949.4	66919.89844	326.27	0	48.851499	-86.942428	56279.26	56234.9	15.11	56294.37	56295.84375	56309.66306	56310.28125	504223.5	5410949.4
L4220.0	504223.5	5410948.1	66920.00000	326.88	0	48.851487	-86.942428	56279.48	56234.9	15.11	56294.59	56296.06641	56310.04091	56310.64844	504223.5	5410948.1
L4220.0	504223.5	5410948.1	66920.10156	328.06	0	48.851487	-86.942428	56279.52	56234.9	15.11	56294.63	56296.10938	56307.08672	56307.68359	504223.5	5410948.1
L4220.0	504223.5	5410946.4	66920.20313	329.75	0	48.851472	-86.942427	56279.80	56234.9	15.11	56294.90	56296.38281	56308.50846	56309.09375	504223.5	5410946.4
L4220.0	504223.5	5410945.1	66920.39844	327.50	0	48.851460	-86.942427	56279.82	56234.9	15.11	56294.93	56296.41406	56305.48072	56306.05078	504223.5	5410945.1
L4220.0	504223.5	5410945.1	66920.50000	328.58	0	48.851460	-86.942427	56280.54	56234.9	15.11	56295.64	56297.12500	56315.24677	56315.80859	504223.5	5410945.1
L4220.0	504223.6	5410943.4	66920.60156	329.02	0	48.851445	-86.942427	56280.59	56234.9	15.10	56295.69	56297.17578	56312.70250	56313.25391	504223.6	5410943.4
L4220.0	504223.6	5410943.4	66920.70313	329.68	0	48.851445	-86.942427	56281.03	56234.9	15.10	56296.13	56297.62109	56317.50450	56318.04297	504223.6	5410943.4
L4220.0	504223.6	5410941.7	66920.79688	331.78	0	48.851429	-86.942426	56281.10	56234.9	15.10	56296.20	56297.69141	56315.45621	56315.98438	504223.6	5410941.7
L4220.0	504223.6	5410940.5	66920.89844	330.40	0	48.851418	-86.942426	56281.50	56234.9	15.10	56296.60	56298.09375	56319.62136	56320.14063	504223.6	5410940.5
L4220.0	504223.6	5410938.8	66921.00000	327.04	0	48.851403	-86.942426	56281.69	56234.9	15.10	56296.79	56298.28906	56319.93364	56320.44141	504223.6	5410938.8
L4220.0	504223.6	5410938.8	66921.10156	326.54	0	48.851403	-86.942426	56281.58	56234.9	15.10	56296.68	56298.17969	56314.72772	56315.22656	504223.6	5410938.8
L4220.0	504223.7	5410937.2	66921.20313	326.70	0	48.851389	-86.942425	56281.79	56234.9	15.10	56296.89	56298.39453	56315.54324	56316.03516	504223.7	5410937.2

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4220.0	504223.7	5410935.6	66921.29688	325.85	0	48.851374	-86.942425	56282.10	56234.9	15.10	56297.20	56298.70703	56318.28605	56318.76953	504223.7	5410935.6
L4220.0	504223.7	5410935.6	66921.39844	326.96	0	48.851374	-86.942425	56282.48	56234.9	15.10	56297.58	56299.08984	56322.40364	56322.87891	504223.7	5410935.6
L4220.0	504223.7	5410934.0	66921.50000	326.50	0	48.851360	-86.942424	56282.09	56234.9	15.10	56297.19	56298.70313	56312.23371	56312.69922	504223.7	5410934.0
L4220.0	504223.8	5410932.4	66921.50000	326.50	0	48.851346	-86.942424	56282.33	56234.9	15.10	56297.43	56298.94531	56313.87307	56314.33203	504223.8	5410932.4
L4220.0	504223.8	5410930.9	66921.70313	328.42	0	48.851332	-86.942424	56282.15	56234.9	15.10	56297.25	56298.76563	56307.71719	56308.17188	504223.8	5410930.9
L4220.0	504223.8	5410930.9	66921.79688	331.02	0	48.851332	-86.942424	56282.76	56234.9	15.10	56297.86	56299.37891	56316.43461	56316.88281	504223.8	5410930.9
L4220.0	504223.8	5410929.1	66921.89844	329.94	0	48.851316	-86.942423	56282.96	56234.9	15.10	56298.06	56299.58594	56317.54449	56317.98438	504223.8	5410929.1
L4220.0	504223.8	5410929.1	66922.00000	328.95	0	48.851316	-86.942423	56283.14	56234.9	15.10	56298.24	56299.76953	56318.35143	56318.78516	504223.8	5410929.1
L4220.0	504223.9	5410927.4	66922.10156	329.13	0	48.851301	-86.942423	56283.17	56234.9	15.10	56298.27	56299.80078	56316.38332	56316.81250	504223.9	5410927.4
L4220.0	504223.9	5410926.0	66922.20313	329.19	0	48.851288	-86.942422	56283.17	56234.9	15.10	56298.27	56299.80469	56313.89251	56314.31641	504223.9	5410926.0
L4220.0	504223.9	5410924.7	66922.29688	329.02	0	48.851277	-86.942422	56283.57	56234.9	15.11	56298.68	56300.21875	56319.30624	56319.72656	504223.9	5410924.7
L4220.0	504223.9	5410924.7	66922.39844	327.66	0	48.851277	-86.942422	56283.50	56234.9	15.11	56298.60	56300.14453	56315.39569	56315.81250	504223.9	5410924.7
L4220.0	504223.9	5410923.4	66922.50000	328.37	0	48.851264	-86.942422	56283.89	56234.9	15.11	56299.00	56300.54688	56320.81402	56321.22656	504223.9	5410923.4
L4220.0	504224.0	5410921.9	66922.60156	329.66	0	48.851251	-86.942421	56283.60	56234.9	15.11	56298.71	56300.26172	56312.90367	56313.31641	504224.0	5410921.9
L4220.0	504224.0	5410920.7	66922.70313	329.30	0	48.851240	-86.942421	56283.78	56234.9	15.11	56298.89	56300.44531	56314.18158	56314.58984	504224.0	5410920.7
L4220.0	504224.0	5410920.7	66922.79688	329.68	0	48.851240	-86.942421	56283.86	56234.9	15.12	56298.97	56300.53125	56313.56100	56313.96875	504224.0	5410920.7
L4220.0	504224.0	5410919.2	66922.89844	332.02	0	48.851227	-86.942421	56284.29	56234.9	15.12	56299.41	56300.97656	56320.13331	56320.53906	504224.0	5410919.2
L4220.0	504224.0	5410917.6	66923.00000	330.43	0	48.851213	-86.942420	56284.47	56234.9	15.12	56299.59	56301.16016	56321.64332	56322.05078	504224.0	5410917.6
L4220.0	504224.1	5410916.5	66923.10156	329.16	0	48.851203	-86.942420	56284.18	56234.9	15.12	56299.30	56300.87891	56313.80261	56314.20703	504224.1	5410916.5
L4220.0	504224.1	5410916.5	66923.20313	329.77	0	48.851203	-86.942420	56284.54	56234.9	15.12	56299.66	56301.24219	56319.02270	56319.42969	504224.1	5410916.5
L4220.0	504224.1	5410914.6	66923.29688	329.20	0	48.851186	-86.942420	56284.52	56234.9	15.12	56299.64	56301.22656	56316.66183	56317.07031	504224.1	5410914.6
L4220.0	504224.1	5410913.0	66923.39844	328.29	0	48.851171	-86.942420	56285.04	56234.9	15.12	56300.16	56301.75391	56325.26245	56325.67188	504224.1	5410913.0
L4220.0	504224.1	5410913.0	66923.50000	327.76	0	48.851171	-86.942420	56284.79	56234.9	15.12	56299.91	56301.51172	56318.33650	56318.74609	504224.1	5410913.0
L4220.0	504224.1	5410911.2	66923.50000	327.76	0	48.851155	-86.942419	56285.11	56234.9	15.12	56300.23	56301.83594	56323.00247	56323.41797	504224.1	5410911.2
L4220.0	504224.1	5410911.2	66923.70313	331.94	0	48.851155	-86.942419	56285.08	56234.9	15.12	56300.20	56301.81250	56320.61592	56321.03516	504224.1	5410911.2
L4220.0	504224.1	5410909.6	66923.79688	332.84	0	48.851141	-86.942419	56285.26	56234.9	15.12	56300.38	56302.00000	56322.53065	56322.95313	504224.1	5410909.6
L4220.0	504224.1	5410908.5	66923.89844	332.62	0	48.851130	-86.942419	56285.29	56234.9	15.12	56300.41	56302.03516	56321.44682	56321.87109	504224.1	5410908.5
L4220.0	504224.1	5410906.7	66924.00000	332.19	0	48.851115	-86.942419	56285.51	56234.9	15.12	56300.63	56302.26563	56324.23935	56324.66797	504224.1	5410906.7
L4220.0	504224.1	5410905.1	66924.10156	332.04	0	48.851101	-86.942419	56285.70	56234.9	15.12	56300.81	56302.45313	56326.24525	56326.67969	504224.1	5410905.1
L4220.0	504224.1	5410905.1	66924.20313	332.48	0	48.851101	-86.942419	56285.67	56234.9	15.12	56300.78	56302.42969	56324.07243	56324.51563	504224.1	5410905.1
L4220.0	504224.1	5410903.3	66924.29688	332.16	0	48.851084	-86.942419	56285.77	56234.9	15.11	56300.88	56302.53516	56324.54022	56324.98828	504224.1	5410903.3
L4220.0	504224.1	5410903.3	66924.39844	331.03	0	48.851084	-86.942419	56285.62	56234.9	15.11	56300.73	56302.39453	56320.11325	56320.56641	504224.1	5410903.3
L4220.0	504224.1	5410901.9	66924.50000	328.63	0	48.851071	-86.942419	56285.77	56234.9	15.11	56300.88	56302.55469	56321.65570	56322.11719	504224.1	5410901.9
L4220.0	504224.1	5410900.1	66924.60156	328.36	0	48.851055	-86.942419	56285.70	56234.9	15.11	56300.80	56302.48047	56318.76065	56319.23047	504224.1	5410900.1
L4220.0	504224.1	5410900.1	66924.70313	328.91	0	48.851055	-86.942419	56286.08	56234.9	15.11	56301.18	56302.87109	56324.78126	56325.26172	504224.1	5410900.1
L4220.0	504224.1	5410898.7	66924.79688	327.98	0	48.851042	-86.942419	56286.16	56234.9	15.10	56301.26	56302.95703	56325.03868	56325.52734	504224.1	5410898.7
L4220.0	504224.1	5410896.9	66924.89844	327.62	0	48.851026	-86.942419	56286.20	56234.9	15.10	56301.31	56303.01953	56324.77895	56325.27734	504224.1	5410896.9
L4220.0	504224.1	5410895.7	66925.00000	327.78	0	48.851016	-86.942419	56286.14	56234.9	15.10	56301.24	56302.95703	56322.35049	56322.85938	504224.1	5410895.7
L4220.0	504224.1	5410895.7	66925.10156	328.16	0	48.851016	-86.942419	56286.05	56234.9	15.10	56301.15	56302.87500	56319.66295	56320.18359	504224.1	5410895.7
L4220.0	504224.1	5410894.3	66925.20313	326.26	0	48.851003	-86.942419	56286.13	56234.9	15.10	56301.23	56302.96484	56318.84263	56319.37500	504224.1	5410894.3
L4220.0	504224.1	5410893.0	66925.29688	327.29	0	48.850991	-86.942419	56286.13	56234.9	15.10	56301.23	56302.97656	56317.76642	56318.30859	504224.1	5410893.0
L4220.0	504224.1	5410893.0	66925.39844	326.66	0	48.850991	-86.942419	56286.31	56234.9	15.10	56301.40	56303.15625	56321.10751	56321.66016	504224.1	5410893.0
L4220.0	504224.1	5410891.5	66925.50000	324.81	0	48.850978	-86.942420	56286.13	56234.9	15.10	56301.22	56302.98828	56315.72149	56316.28906	504224.1	5410891.5
L4220.0	504224.1	5410889.7	66925.50000	324.81	0	48.850961	-86.942420	56286.08	56234.9	15.10	56301.17	56302.94531	56313.74628	56314.32813	504224.1	5410889.7
L4220.0	504224.1	5410888.4	66925.70313	324.16	0	48.850950	-86.942420	56286.16	56234.9	15.09	56301.25	56303.03906	56315.12839	56315.72266	504224.1	5410888.4
L4220.0	504224.1	5410888.4	66925.79688	324.29	0	48.850950	-86.942420	56286.29	56234.9	15.09	56301.38	56303.17969	56317.85115	56318.45703	504224.1	5410888.4
L4220.0	504224.1	5410887.0	66925.89844	324.77	0	48.850937	-86.942420	56286.36	56234.9	15.09	56301.45	56303.25781	56319.17518	56319.79688	504224.1	5410887.0
L4220.0	504224.1	5410885.6	66926.00000	324.65	0	48.850924	-86.942420	56286.33	56234.9	15.09	56301.42	56303.24219	56318.10097	56318.73828	504224.1	5410885.6
L4220.0	504224.1	5410885.6	66926.10156	323.59	0	48.850924	-86.942420	56286.41	56234.9	15.09	56301.50	56303.33203	56319.87075	56320.52344	504224.1	5410885.6
L4220.0	504224.1	5410883.6	66926.20313	322.91	0	48.850907	-86.942420	56286.28	56234.9	15.09	56301.37	56303.21484	56316.46013	56317.12891	504224.1	5410883.6
L4220.0	504224.1	5410882.1	66926.29688	326.09	0	48.850894	-86.942421	56286.33	56234.9	15.09	56301.42	56303.27734	56317.65071	56318.33203	504224.1	5410882.1
L4220.0	504224.1	5410882.1	66926.39844	328.84	0	48.850894	-86.942421	56286.08	56234.9	15.09	56301.17	56303.03906	56311.31281	56312.01172	504224.1	5410882.1
L4220.0	504224.0	5410880.3	66926.50000	330.40	0	48.850877	-86.942421	56286.26	56234.9	15.09	56301.35	56303.23047	56315.95560	56316.67188	504224.0	5410880.3
L4220.0	504224.0	5410880.3	66926.60156	328.45	0	48.850877	-86.942421	56286.33	56234.9	15.09	56301.42	56303.31250	56317.89264	56318.62500	504224.0	5410880.3
L4220.0	504224.0	5410878.7	66926.70313	328.44	0	48.850863	-86.942421	56286.28	56234.9	15.09	56301.37	56303.27344	56316.81903	56317.56641	504224.0	5410878.7
L4220.0	504224.0	5410877.1	66926.79688	330.19	0	48.850849	-86.942421	56286.33	56234.9	15.09	56301.42	56303.33594	56318.80010	56319.56641	504224.0	5410877.1
L4220.0	504224.0	5410877.1	66926.89844	328.87	0	48.850849	-86.942421	56286.41	56234.9	15.09	56301.50	56303.42969	56320.44581	56321.22656	504224.0	5410877.1
L4220.0	504224.0	5410875.2	66927.00000	329.76	0	48.850831	-86.942421	56286.34	56234.9	15.09	56301.43	56303.37109	56319.35822	56320.15625	504224.0	5410875.2
L4220.0	504224.0	5410874.2	66927.10156	330.35	0	48.850822	-86.942421	56286.10	56234.9	15.09	56301.19	56303.14453	56315.13814	56315.95703	504224.0	5410874.2
L4220.0	504224.0	5410872.9	66927.20313	332.01	0	48.850811	-86.942421	56286.20	56234.9	15.09	56301.29	56303.25781	56317.25210	56318.08984	504224.0	5410872.9
L4220.0	504224.0	5410871.5	66927.29688	330.32	0	48.850798	-86.942421	56286.18	56234.9	15.09	56301.27	56303.25391	56317.16720	56318.01953	504224.0	5410871.5
L4220.0	504224.0	5410871.5	66927.39844	329.79	0	48.850798	-86.942421	56286.18	56234.9	15.09	56301.27	56303.26563	56317.48179	56318.35156	504224.0	5410871.5
L4220.0	504224.0	5410869.7	66927.50000	329.24	0	48.850781	-86.942421	56286.18	56234.9	15.10	56301.28	56303.28906	56318.00871	56318.89844	504224.0	5410869.7
L4220.0	504224.0	5410869.7	66927.50000	329.24	0	48.850781	-86.942421	56286.31	56234.9	15.10	56301.40	56303.42188	56320.60399	56321.51172	504224.0	5410869.7
L4220.0	504224.0	5410867.9	66927.70313	327.91	0	48.850766	-86.942422	56286.08	56234.9	15.10	56301.18	56303.21484	56316.91490	56317.83984	504224.0	5410867.9
L4220.0	504224.0	5410866.4	66927.79688	325.87	0	48.850752	-86.942422	56285.88	56234.9	15.10	56300.97	56303.01953	56313.45953	56314.40234	504224.0	5410866.4
L4220.0	504224.0	5410865.2	66927.89844	324.31	0	48.850741	-86.942422	56285.90	56234.9	15.10	56301.00	56303.06250	56314.48253	56315.44531	504224.0	5410865.2
L4220.0	504224.0	5410865.2	66928.00000	325.83	0	48.850741	-86.942422	56286.04	56234.9	15.10	56301.14	56303.21875	56317.55898	56318.53906	504224.0	5410865.2
L4220.0	504224.0	5410863.5	66928.10156	326.19	0	48.850726	-86.942422	56286.02	56234.9	15.10	56301.12	56303.21094	56318.31699	56319.31641	504224.0	5410863.5
L4220.0	504224.0	5410861.9	66928.20313	326.70	0	48.850711	-86.942422	56285.80	56234.9	15.10	56300.89	56302.99609	56313.27976	56314.29688	504224.0	5410861.9
L4220.0	504224.0	5410861.9	66928.29688	326.39	0	48.850711	-86.942422	56285.92	56234.9	15.10	56301.02	56303.14063	56317.58794	56318.62109	504224.0	5410861.9
L4220.0	504224.0	5410860.1	66928.39844	325.74	0	48.850696	-86.942422	56285.77	56234.9	15.10	56300.87	56303.00391	56314.72964	56315.78125	504224.0	5410860.1
L4220.0	504224.0	5410858.5	66928.50000	326.40	0	48.850680	-86.942422	56285.64	56234.9	15.10	56300.74	56302.88672	56312.44116	56313.51172	504224.0	5410858.5
L4220.0	504224.0	5410857.1	66928.60156	326.23	0	48.850668	-86.942422	56285.58	56234.9	15.09	56300.68	56302.83984	56312.00275	56313.08984	504224.0	5410857.1
L4220.0	504224.0	5410857.1	66928.70313	325.77	0	48.850668	-86.942422	56285.67	56234.9	15.09	56300.76	56302.93359	56315.21838	56316.32422	504224.0	5410857.1
L4220.0	504224.0	5410857.1	66928.79688	325.24	0	48.850668	-86.942422	56285.49	56234.9	15.09	56300.58	56302.76953	56311.77464	56312.89453	504224.0	5410857.1
L4220.0	504224.0	5410855.0	66928.89844	327.18	0	48.850650	-86.942422	56285.52	56234.9	15.09	56300.61	56302.81250	56313.79312	56314.92969	504224.0	5410855.0
L4220.0	504224.0	5410855.0	66929.00000	327.56	0	48.850650	-86.942422	56285.32	56234.9	15.09	56300.41	56302.62891	56311.34704	56312.50000	504224.0	5410855.0
L4220.0	504224.0	5410851.9	66929.10156	326.75	0	48.850622	-86.942422	56285.08	56234.9	15.09	56300.17	56302.40234	56307.83719	56309.00781	504224.0	5410851.9
L4220.0	504224.0	5410851.9	66929.20313	327.15	0	48.850622	-86.942422	56285.02	56234.9	15.09	56300.11	56302.35547	56307.66462	56308.85156	504224.0	5410851.9
L4220.0	504224.0	5410851.9	66929.29688	328.92	0	48.850622	-86.942422	56285.08	56234.9	15.09	56300.17	56302.42969	56309.74242	56310.94531	504224.0	5410851.9
L4220.0	504224.0	5410850.3	66929.39844	329.65	0	48.850607	-86.942422	56285.08	56234.9	15.09	56300.17	56302.44531	56310.73923	56311.95703	504224.0	5410850.3
L4220.0	504224.0	5410848.8	66929.50000	328.80	0	48.850594	-86.942422	56284.98	56234.9	15.09	56300.07	56302.35938	56309.89787	56311.12891	504224.0	5410848.8
L4220.0	504224.0	5410847.3	66929.50000	328.80	0	48.850581	-86.942422	56285.07	56234.9	15.09	56300.16	56302.46094	56312.62383	56313.87109	504224.0	5410847.3
L4220.0	504224.0	5410845.8	66929.70313	329.89	0	48.850567	-86.942422	56284.96	56234.9	15.09	56300.05	56302.36328	56311.63265	56312.89453	504224.0	5410845.8
L4220.0	504224.0	5410845.8	66929.79688	330.04	0	48.850567	-86.942422	56284.98	56234.9	15.09	56300.07	56302.39844	56313.09194	56314.36719	504224.0	5410845.8
L4220.0	504224.0	5410844.2	66929.89844	330.06	0	48.850553	-86.942422	56284.92	56234.9	15.09	56300.01	56302.35156	56313.06534	56314.35547	504224.0	5410844.2
L4220.0	504224.0	5410842.9	66930.00000	328.69	0	48.850541	-86.942422	56285.08	56234.9	15.09	56300.17	56302.52734	56317.18217	56318.48438	504224.0	5410842.9
L4220.0	504224.0	5410842.9	66930.10156	327.86	0	48.850541	-86.942422	56284.86	56234.9	15.09	56299.95	56302.32031	56314.16903	56315.48438	504224.0	5410842.9
L4220.0	504224.0	5410840.8	66930.20313	327.61	0	48.850521	-86.942422	56284.63	56234.9	15.09	56299.71	56302.09375	56310.79075	56312.12109	504224.0	5410840.8
L4220.0	504224.0	5410839.4	66930.29688	328.32	0	48.850509	-86.942422	56284.67	56234.9	15.09	56299.76	56302.15625	56312.86384	56314.20703	504224.0	5410839.4
L4220.0	504224.0	5410839.4	66930.39844	327.58	0	48.850509	-86.942422	56284.63	56234.9	15.09	56299.71	56302.11719	56313.06496	56314.41797	504224.0	5410839.4
L4220.0	504224.0	5410837.8	66930.50000	327.18	0	48.850494	-86.942422	56284.57	56234.9	15.09	56299.66	56302.08203	56313.27002	56314.63672	504224.0	5410837.8

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4220.0	504224.0	5410837.8	66930.60156	327.21	0	48.850494	-86.942422	56284.83	56234.9	15.09	56299.92	56302.35547	56319.24492	56320.62109	504224.0	5410837.8
L4220.0	504224.0	5410835.8	66930.70313	327.62	0	48.850477	-86.942422	56284.70	56234.9	15.09	56299.78	56302.22656	56317.76854	56319.15625	504224.0	5410835.8
L4220.0	504224.0	5410834.2	66930.79688	327.82	0	48.850462	-86.942422	56284.55	56234.9	15.09	56299.64	56302.09766	56316.30707	56317.70313	504224.0	5410834.2
L4220.0	504224.0	5410832.8	66930.89844	329.41	0	48.850449	-86.942422	56284.45	56234.9	15.09	56299.53	56302.00000	56315.41452	56316.82031	504224.0	5410832.8
L4220.0	504224.0	5410832.8	66931.00000	329.27	0	48.850449	-86.942422	56284.29	56234.9	15.09	56299.38	56301.86328	56314.25835	56315.67578	504224.0	5410832.8
L4220.0	504224.0	5410831.4	66931.10156	328.99	0	48.850437	-86.942422	56284.27	56234.9	15.09	56299.35	56301.84766	56315.20080	56316.62891	504224.0	5410831.4
L4220.0	504224.0	5410829.7	66931.20313	328.68	0	48.850422	-86.942422	56284.41	56234.9	15.08	56299.50	56302.00781	56320.76548	56322.20313	504224.0	5410829.7
L4220.0	504224.0	5410829.7	66931.29688	330.11	0	48.850422	-86.942422	56284.08	56234.9	15.08	56299.16	56301.67969	56313.79828	56315.24219	504224.0	5410829.7
L4220.0	504224.0	5410828.0	66931.39844	328.18	0	48.850407	-86.942422	56283.96	56234.9	15.07	56299.04	56301.57031	56312.49432	56313.94531	504224.0	5410828.0
L4220.0	504224.0	5410828.0	66931.50000	326.11	0	48.850407	-86.942422	56283.34	56234.9	15.07	56298.41	56300.95313	56298.27659	56299.73438	504224.0	5410828.0
L4220.0	504224.0	5410826.4	66931.50000	326.11	0	48.850392	-86.942422	56283.57	56234.9	15.07	56298.64	56301.19141	56305.90885	56307.37500	504224.0	5410826.4
L4220.0	504224.0	5410824.7	66931.70313	324.07	0	48.850377	-86.942422	56283.57	56234.9	15.06	56298.64	56301.20313	56307.70956	56309.18359	504224.0	5410824.7
L4220.0	504224.0	5410824.7	66931.79688	325.05	0	48.850377	-86.942422	56283.76	56234.9	15.06	56298.82	56301.39453	56314.05053	56315.53125	504224.0	5410824.7
L4220.0	504224.0	5410823.1	66931.89844	325.10	0	48.850362	-86.942421	56283.57	56234.9	15.05	56298.63	56301.21484	56311.07262	56312.55859	504224.0	5410823.1
L4220.0	504224.0	5410822.0	66932.00000	326.74	0	48.850352	-86.942421	56283.50	56234.9	15.05	56298.55	56301.14453	56310.87799	56312.37109	504224.0	5410822.0
L4220.0	504224.0	5410820.3	66932.10156	325.13	0	48.850338	-86.942421	56283.17	56234.9	15.05	56298.22	56300.82422	56304.41416	56305.91016	504224.0	5410820.3
L4220.0	504224.0	5410820.3	66932.20313	325.20	0	48.850338	-86.942421	56283.06	56234.9	15.06	56298.12	56300.73438	56303.73793	56305.23828	504224.0	5410820.3
L4220.0	504224.0	5410820.3	66932.29688	326.32	0	48.850338	-86.942421	56283.37	56234.9	15.06	56298.43	56301.05469	56313.36265	56314.86719	504224.0	5410820.3
L4220.0	504224.1	5410818.5	66932.39844	328.05	0	48.850321	-86.942421	56283.04	56234.9	15.06	56298.10	56300.73438	56306.91945	56308.42969	504224.1	5410818.5
L4220.0	504224.1	5410816.4	66932.50000	326.83	0	48.850302	-86.942421	56283.02	56234.9	15.07	56298.08	56300.72266	56308.26677	56309.78125	504224.1	5410816.4
L4220.0	504224.1	5410815.2	66932.60156	324.93	0	48.850292	-86.942421	56282.50	56234.9	15.07	56297.57	56300.21875	56297.27977	56298.79688	504224.1	5410815.2
L4220.0	504224.1	5410815.2	66932.70313	325.23	0	48.850292	-86.942421	56282.66	56234.9	15.07	56297.73	56300.38672	56303.15849	56304.67969	504224.1	5410815.2
L4220.0	504224.1	5410813.6	66932.79688	326.61	0	48.850277	-86.942421	56282.50	56234.9	15.07	56297.58	56300.24609	56301.22024	56302.74219	504224.1	5410813.6
L4220.0	504224.1	5410812.3	66932.89844	325.73	0	48.850265	-86.942421	56282.58	56234.9	15.08	56297.66	56300.33594	56305.09862	56306.62109	504224.1	5410812.3
L4220.0	504224.1	5410812.3	66933.00000	328.23	0	48.850265	-86.942421	56282.56	56234.9	15.08	56297.64	56300.32031	56306.45084	56307.97656	504224.1	5410812.3
L4220.0	504224.1	5410810.5	66933.10156	329.79	0	48.850249	-86.942421	56282.52	56234.9	15.08	56297.60	56300.28906	56307.29445	56308.82422	504224.1	5410810.5
L4220.0	504224.0	5410808.9	66933.20313	328.06	0	48.850235	-86.942421	56282.40	56234.9	15.08	56297.48	56300.17578	56306.08870	56307.61719	504224.0	5410808.9
L4220.0	504224.1	5410807.6	66933.29688	328.26	0	48.850223	-86.942421	56282.45	56234.9	15.07	56297.53	56300.23047	56309.22568	56310.75391	504224.1	5410807.6
L4220.0	504224.1	5410807.6	66933.39844	327.60	0	48.850223	-86.942421	56282.48	56234.9	15.07	56297.55	56300.25781	56311.59677	56313.12500	504224.1	5410807.6
L4220.0	504224.0	5410806.0	66933.50000	326.48	0	48.850209	-86.942422	56282.40	56234.9	15.07	56297.47	56300.18359	56311.38586	56312.91797	504224.0	5410806.0
L4220.0	504224.0	5410804.7	66933.50000	326.48	0	48.850197	-86.942422	56282.19	56234.9	15.07	56297.26	56299.98047	56307.79235	56309.32422	504224.0	5410804.7
L4220.0	504224.0	5410803.5	66933.70313	325.36	0	48.850186	-86.942422	56282.07	56234.9	15.07	56297.14	56299.86719	56305.82870	56307.35938	504224.0	5410803.5
L4220.0	504224.0	5410803.5	66933.79688	326.91	0	48.850186	-86.942422	56282.00	56234.9	15.06	56297.06	56299.78906	56305.53456	56307.06250	504224.0	5410803.5
L4220.0	504224.0	5410801.7	66933.89844	327.09	0	48.850170	-86.942422	56281.73	56234.9	15.06	56296.80	56299.53516	56301.90317	56303.42969	504224.0	5410801.7
L4220.0	504224.0	5410800.3	66934.00000	327.57	0	48.850157	-86.942422	56281.89	56234.9	15.06	56296.95	56299.69141	56305.82966	56307.35547	504224.0	5410800.3
L4220.0	504224.0	5410798.7	66934.10156	328.98	0	48.850143	-86.942422	56281.71	56234.9	15.06	56296.77	56299.51563	56303.64341	56305.17188	504224.0	5410798.7
L4220.0	504224.0	5410798.7	66934.20313	327.51	0	48.850143	-86.942422	56281.72	56234.9	15.06	56296.78	56299.52734	56304.95905	56306.48438	504224.0	5410798.7
L4220.0	504224.0	5410797.0	66934.29688	329.44	0	48.850128	-86.942422	56281.69	56234.9	15.06	56296.75	56299.50000	56305.52030	56307.04297	504224.0	5410797.0
L4220.0	504224.0	5410795.4	66934.39844	329.50	0	48.850114	-86.942422	56281.58	56234.9	15.06	56296.63	56299.38281	56304.39991	56305.91797	504224.0	5410795.4
L4220.0	504224.0	5410795.4	66934.50000	331.93	0	48.850114	-86.942422	56281.41	56234.9	15.06	56296.47	56299.22656	56302.52559	56304.04297	504224.0	5410795.4
L4220.0	504224.0	5410794.1	66934.60156	330.91	0	48.850102	-86.942422	56281.20	56234.9	15.05	56296.25	56299.00781	56299.53129	56301.04688	504224.0	5410794.1
L4220.0	504224.0	5410792.9	66934.70313	329.32	0	48.850091	-86.942422	56281.20	56234.9	15.05	56296.25	56299.01172	56300.59261	56302.10547	504224.0	5410792.9
L4220.0	504224.0	5410792.9	66934.79688	328.21	0	48.850091	-86.942422	56281.00	56234.9	15.05	56296.06	56298.82422	56298.13634	56299.64453	504224.0	5410792.9
L4220.0	504224.0	5410791.0	66934.89844	328.58	0	48.850074	-86.942422	56281.07	56234.9	15.05	56296.13	56298.89453	56300.45691	56301.96094	504224.0	5410791.0
L4220.0	504224.0	5410789.6	66935.00000	326.17	0	48.850061	-86.942422	56280.94	56234.9	15.05	56295.99	56298.75781	56298.02568	56299.52734	504224.0	5410789.6
L4220.0	504224.0	5410788.1	66935.10156	326.74	0	48.850047	-86.942422	56281.13	56234.9	15.05	56296.18	56298.94531	56304.38365	56305.88281	504224.0	5410788.1
L4220.0	504224.0	5410788.1	66935.20313	327.11	0	48.850047	-86.942422	56281.05	56234.9	15.05	56296.10	56298.86719	56303.73695	56305.23047	504224.0	5410788.1
L4220.0	504224.0	5410786.1	66935.29688	327.11	0	48.850029	-86.942422	56281.02	56234.9	15.05	56296.07	56298.83594	56304.34798	56305.83594	504224.0	5410786.1
L4220.0	504224.0	5410786.1	66935.39844	328.06	0	48.850029	-86.942422	56281.18	56234.9	15.05	56296.23	56298.99609	56309.77836	56311.26172	504224.0	5410786.1
L4220.0	504224.0	5410784.3	66935.50000	327.86	0	48.850014	-86.942423	56280.87	56234.9	15.05	56295.92	56298.68750	56303.19022	56304.66797	504224.0	5410784.3
L4220.0	504224.0	5410783.0	66935.50000	327.86	0	48.850001	-86.942423	56280.77	56234.9	15.05	56295.82	56298.58594	56301.94663	56303.42188	504224.0	5410783.0
L4220.0	504224.0	5410781.6	66935.70313	325.06	0	48.849989	-86.942423	56280.69	56234.9	15.05	56295.74	56298.50391	56301.19337	56302.66406	504224.0	5410781.6
L4220.0	504224.0	5410781.6	66935.79688	326.16	0	48.849989	-86.942423	56280.85	56234.9	15.05	56295.90	56298.66406	56306.47222	56307.93750	504224.0	5410781.6
L4220.0	504224.0	5410779.5	66935.89844	326.17	0	48.849970	-86.942423	56280.62	56234.9	15.05	56295.67	56298.42969	56301.89701	56303.35547	504224.0	5410779.5
L4220.0	504224.0	5410779.5	66936.00000	325.65	0	48.849970	-86.942423	56280.48	56234.9	15.05	56295.53	56298.28906	56299.58053	56301.03516	504224.0	5410779.5
L4220.0	504224.0	5410778.2	66936.10156	326.90	0	48.849959	-86.942423	56280.48	56234.9	15.05	56295.53	56298.28516	56300.76130	56302.21094	504224.0	5410778.2
L4220.0	504224.0	5410776.7	66936.20313	327.25	0	48.849945	-86.942423	56280.62	56234.9	15.05	56295.67	56298.42188	56305.42879	56306.87109	504224.0	5410776.7
L4220.0	504224.0	5410776.7	66936.29688	325.21	0	48.849945	-86.942423	56280.63	56234.9	15.05	56295.68	56298.42969	56306.82181	56308.25781	504224.0	5410776.7
L4220.0	504224.0	5410775.1	66936.39844	325.21	0	48.849930	-86.942423	56280.56	56234.9	15.05	56295.62	56298.36719	56306.44889	56307.87891	504224.0	5410775.1
L4220.0	504224.0	5410775.1	66936.50000	325.66	0	48.849930	-86.942423	56280.41	56234.9	15.06	56295.47	56298.21094	56303.80502	56305.23047	504224.0	5410775.1
L4220.0	504224.0	5410773.0	66936.60156	326.46	0	48.849912	-86.942423	56280.23	56234.9	15.06	56295.29	56298.02734	56300.38567	56301.80469	504224.0	5410773.0
L4220.0	504224.0	5410771.4	66936.70313	325.31	0	48.849898	-86.942423	56280.26	56234.9	15.06	56295.32	56298.05469	56302.23090	56303.64453	504224.0	5410771.4
L4220.0	504223.9	5410769.9	66936.79688	327.95	0	48.849884	-86.942423	56280.21	56234.9	15.06	56295.26	56297.98828	56301.79775	56303.20313	504223.9	5410769.9
L4220.0	504223.9	5410769.0	66936.89844	327.53	0	48.849875	-86.942423	56280.18	56234.9	15.06	56295.24	56297.96484	56302.36402	56303.76563	504223.9	5410769.0
L4220.0	504223.9	5410769.0	66937.00000	326.56	0	48.849875	-86.942423	56280.16	56234.9	15.06	56295.22	56297.93750	56302.92190	56304.31641	504223.9	5410769.0
L4220.0	504223.9	5410767.3	66937.10156	325.57	0	48.849860	-86.942423	56280.26	56234.9	15.06	56295.32	56298.03125	56306.54039	56307.92969	504223.9	5410767.3
L4220.0	504223.9	5410767.3	66937.20313	327.38	0	48.849860	-86.942423	56280.03	56234.9	15.06	56295.09	56297.79688	56301.70344	56303.08594	504223.9	5410767.3
L4220.0	504223.9	5410765.2	66937.29688	326.99	0	48.849842	-86.942423	56279.93	56234.9	15.07	56294.99	56297.69141	56300.16638	56301.54297	504223.9	5410765.2
L4220.0	504223.9	5410763.8	66937.39844	327.19	0	48.849829	-86.942424	56280.16	56234.9	15.07	56295.23	56297.92578	56307.40519	56308.77344	504223.9	5410763.8
L4220.0	504223.9	5410763.8	66937.50000	327.41	0	48.849829	-86.942424	56280.26	56234.9	15.07	56295.33	56298.01563	56308.91735	56310.28125	504223.9	5410763.8
L4220.0	504223.9	5410762.1	66937.50000	327.41	0	48.849814	-86.942424	56280.03	56234.9	15.07	56295.10	56297.78125	56305.48119	56306.83984	504223.9	5410762.1
L4220.0	504223.9	5410760.9	66937.70313	329.55	0	48.849803	-86.942424	56279.95	56234.9	15.07	56295.03	56297.70313	56304.97833	56306.33203	504223.9	5410760.9
L4220.0	504223.9	5410759.3	66937.79688	329.05	0	48.849788	-86.942424	56279.80	56234.9	15.08	56294.87	56297.53516	56302.78841	56304.13672	504223.9	5410759.3
L4220.0	504223.9	5410759.3	66937.89844	329.08	0	48.849788	-86.942424	56280.00	56234.9	15.08	56295.08	56297.73828	56307.47146	56308.81250	504223.9	5410759.3
L4220.0	504223.9	5410757.5	66938.00000	330.48	0	48.849772	-86.942424	56279.95	56234.9	15.08	56295.03	56297.67969	56307.30812	56308.64063	504223.9	5410757.5
L4220.0	504223.9	5410757.5	66938.10156	332.26	0	48.849772	-86.942424	56279.69	56234.9	15.08	56294.77	56297.41016	56303.20694	56304.53516	504223.9	5410757.5
L4220.0	504223.9	5410755.9	66938.20313	329.80	0	48.849758	-86.942425	56279.72	56234.9	15.07	56294.80	56297.42969	56304.51250	56305.83594	504223.9	5410755.9
L4220.0	504223.8	5410754.3	66938.29688	328.81	0	48.849744	-86.942425	56279.44	56234.9	15.07	56294.51	56297.13281	56299.81875	56301.13672	504223.8	5410754.3
L4220.0	504223.8	5410753.0	66938.39844	327.85	0	48.849731	-86.942425	56279.70	56234.9	15.07	56294.77	56297.38281	56305.41256	56306.72656	504223.8	5410753.0
L4220.0	504223.8	5410753.0	66938.50000	327.25	0	48.849731	-86.942425	56279.75	56234.9	15.07	56294.81	56297.41406	56306.87774	56308.18359	504223.8	5410753.0
L4220.0	504223.8	5410751.2	66938.60156	326.89	0	48.849716	-86.942426	56279.60	56234.9	15.06	56294.66	56297.25391	56304.77723	56306.08203	504223.8	5410751.2
L4220.0	504223.8	5410751.2	66938.70313	327.08	0	48.849716	-86.942426	56279.48	56234.9	15.06	56294.54	56297.12109	56303.23249	56304.53125	504223.8	5410751.2
L4220.0	504223.7	5410749.2	66938.79688	327.59	0	48.849698	-86.942426	56279.32	56234.9	15.06	56294.38	56296.95313	56300.93667	56302.23047	504223.7	5410749.2
L4220.0	504223.7	5410747.8	66938.89844	327.41	0	48.849685	-86.942426	56279.60	56234.9	15.05	56294.65	56297.21094	56306.66192	56307.94922	504223.7	5410747.8
L4220.0	504223.7	5410747.8	66939.00000	328.45	0	48.849685	-86.942426	56279.44	56234.9	15.05	56294.49	56297.03906	56304.35643	56305.64063	504223.7	5410747.8
L4220.0	504223.7	5410746.5	66939.10156	329.94	0	48.849673	-86.942427	56279.54	56234.9	15.05	56294.59	56297.12891	56306.89085	56308.17188	504223.7	5410746.5
L4220.0	504223.7	5410745.4	66939.20313	327.20	0	48.849663	-86.942427	56279.31	56234.9	15.05	56294.36	56296.88672	56303.28202	56304.55859	504223.7	5410745.4
L4220.0	504223.7	5410745.4	66939.29688	327.73	0	48.849663	-86.942427	56279.34	56234.9	15.05	56294.39	56296.90625	56304.50646	56305.78125	504223.7	5410745.4
L4220.0	504223.7	5410743.5	66939.39844	328.01	0	48.849647	-86.942427	56279.14	56234.9	15.05	56294.20	56296.70313	56301.64492	56302.91406	504223.7	5410743.5
L4220.0	504223.7	5410742.1	66939.50000	325.02	0	48.849633	-86.942427	56278.88	56234.9	15.06	56293.93	56296.42188	56297.30180	56298.56641	504223.7	5410742.1
L4220.0	504223.7	5410742.1	66939.50000	325.02	0	48.849633	-86.942427	56279.01	56234.9	15.06	56294.07	56296.55078	56300.56130	56301.82422	504223.7	5410742.1
L4220.0	504223.7	5410740.0	66939.70313	325.86	0	48.849615	-86.942427	56278.98	56234.9	15.06	56294.03	56296.49609	56300.48131	56301.74219	504223.7	5410740.0
L4220.0	504223.7	5410738.7	66939.79688	328.35	0	48.849603	-86.942427	56278.88	56234.9	15.06	56293.94	56296.39453	56299.47248	56300.72656	504223.7	5410738.7

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4220.0	504223.7	5410738.7	66939.89844	326.87	0	48.849603	-86.942427	56278.96	56234.9	15.06	56294.02	56296.46094	56301.61562	56302.86719	504223.7	5410738.7
L4220.0	504223.7	5410737.1	66940.00000	328.05	0	48.849589	-86.942428	56279.00	56234.9	15.06	56294.06	56296.48828	56303.01750	56304.26563	504223.7	5410737.1
L4220.0	504223.6	5410735.6	66940.10156	327.32	0	48.849575	-86.942428	56278.84	56234.9	15.06	56293.89	56296.30469	56300.51748	56301.76563	504223.6	5410735.6
L4220.0	504223.6	5410734.2	66940.20313	325.68	0	48.849562	-86.942428	56278.90	56234.9	15.06	56293.95	56296.35156	56302.29065	56303.53516	504223.6	5410734.2
L4220.0	504223.6	5410734.2	66940.29688	327.95	0	48.849562	-86.942428	56278.78	56234.9	15.05	56293.83	56296.21875	56300.71292	56301.95703	504223.6	5410734.2
L4220.0	504223.6	5410732.4	66940.39844	327.66	0	48.849546	-86.942428	56278.96	56234.9	15.05	56294.01	56296.38281	56304.72734	56305.96484	504223.6	5410732.4
L4220.0	504223.6	5410731.0	66940.50000	328.23	0	48.849534	-86.942428	56278.93	56234.9	15.05	56293.98	56296.33984	56304.82771	56306.06250	504223.6	5410731.0
L4220.0	504223.6	5410731.0	66940.60156	328.62	0	48.849534	-86.942428	56278.73	56235	15.05	56293.78	56296.12500	56301.74400	56302.98047	504223.6	5410731.0
L4220.0	504223.6	5410729.4	66940.70313	328.16	0	48.849520	-86.942428	56278.85	56235	15.05	56293.89	56296.22266	56304.46220	56305.69922	504223.6	5410729.4
L4220.0	504223.6	5410727.6	66940.79688	328.00	0	48.849503	-86.942428	56278.88	56235	15.04	56293.93	56296.24609	56305.87356	56307.10938	504223.6	5410727.6
L4220.0	504223.6	5410727.6	66940.89844	329.11	0	48.849503	-86.942428	56278.82	56235	15.04	56293.87	56296.17188	56305.40604	56306.63672	504223.6	5410727.6
L4220.0	504223.6	5410726.6	66941.00000	328.48	0	48.849494	-86.942428	56278.84	56235	15.04	56293.88	56296.16797	56306.25623	56307.48438	504223.6	5410726.6
L4220.0	504223.6	5410725.4	66941.10156	328.35	0	48.849484	-86.942428	56278.62	56235	15.04	56293.66	56295.93359	56302.75849	56303.98828	504223.6	5410725.4
L4220.0	504223.6	5410723.8	66941.20313	328.23	0	48.849470	-86.942428	56278.66	56235	15.05	56293.70	56295.95703	56304.17223	56305.40234	504223.6	5410723.8
L4220.0	504223.6	5410723.8	66941.29688	328.96	0	48.849470	-86.942428	56278.52	56235	15.05	56293.57	56295.81250	56302.35986	56303.58984	504223.6	5410723.8
L4220.0	504223.6	5410722.3	66941.39844	328.40	0	48.849456	-86.942428	56278.56	56234.9	15.05	56293.61	56295.83594	56303.77529	56305.00391	504223.6	5410722.3
L4220.0	504223.6	5410722.3	66941.50000	328.73	0	48.849456	-86.942428	56278.62	56234.9	15.06	56293.68	56295.89063	56305.76755	56306.99609	504223.6	5410722.3
L4220.0	504223.6	5410719.6	66941.50000	328.73	0	48.849432	-86.942429	56278.48	56234.9	15.06	56293.53	56295.72656	56303.55217	56304.78125	504223.6	5410719.6
L4220.0	504223.6	5410719.6	66941.70313	328.35	0	48.849432	-86.942429	56278.49	56234.9	15.06	56293.55	56295.73047	56304.58354	56305.81250	504223.6	5410719.6
L4220.0	504223.6	5410718.3	66941.79688	328.58	0	48.849419	-86.942429	56278.53	56234.9	15.06	56293.59	56295.75391	56305.99678	56307.22656	504223.6	5410718.3
L4220.0	504223.6	5410717.1	66941.89844	328.22	0	48.849409	-86.942429	56278.65	56234.9	15.07	56293.72	56295.86719	56309.13934	56310.37109	504223.6	5410717.1
L4220.0	504223.6	5410717.1	66942.00000	324.98	0	48.849409	-86.942429	56278.34	56234.9	15.07	56293.41	56295.54297	56303.79901	56305.02734	504223.6	5410717.1
L4220.0	504223.5	5410715.6	66942.10156	324.29	0	48.849395	-86.942429	56278.09	56234.9	15.07	56293.16	56295.27734	56299.59831	56300.82813	504223.5	5410715.6
L4220.0	504223.5	5410714.2	66942.20313	327.99	0	48.849383	-86.942430	56278.01	56234.9	15.07	56293.08	56295.17969	56298.66617	56299.89844	504223.5	5410714.2
L4220.0	504223.5	5410712.6	66942.29688	329.28	0	48.849369	-86.942430	56278.09	56234.9	15.07	56293.16	56295.24219	56300.81047	56302.04688	504223.5	5410712.6
L4220.0	504223.5	5410712.6	66942.39844	331.05	0	48.849369	-86.942430	56278.02	56234.9	15.07	56293.09	56295.15625	56300.05493	56301.28906	504223.5	5410712.6
L4220.0	504223.5	5410710.8	66942.50000	332.42	0	48.849352	-86.942430	56278.06	56234.9	15.07	56293.13	56295.17969	56301.40564	56302.64063	504223.5	5410710.8
L4220.0	504223.5	5410710.8	66942.60156	331.36	0	48.849352	-86.942430	56277.98	56234.9	15.07	56293.05	56295.08594	56300.44199	56301.67969	504223.5	5410710.8
L4220.0	504223.5	5410709.5	66942.70313	330.82	0	48.849341	-86.942430	56277.98	56234.9	15.07	56293.05	56295.06641	56301.00264	56302.24609	504223.5	5410709.5
L4220.0	504223.5	5410708.1	66942.79688	329.84	0	48.849328	-86.942430	56277.94	56234.9	15.07	56293.01	56295.01172	56300.78980	56302.03516	504223.5	5410708.1
L4220.0	504223.5	5410706.4	66942.89844	329.80	0	48.849313	-86.942430	56277.68	56234.9	15.07	56292.75	56294.73438	56296.40385	56297.64844	504223.5	5410706.4
L4220.0	504223.5	5410705.0	66943.00000	331.52	0	48.849300	-86.942430	56277.96	56234.9	15.07	56293.03	56294.99609	56302.23185	56303.47656	504223.5	5410705.0
L4220.0	504223.5	5410705.0	66943.10156	329.53	0	48.849300	-86.942430	56277.84	56234.9	15.07	56292.90	56294.84766	56300.30591	56301.55469	504223.5	5410705.0
L4220.0	504223.5	5410703.9	66943.20313	327.13	0	48.849290	-86.942430	56277.61	56234.9	15.06	56292.67	56294.60156	56296.52635	56297.78125	504223.5	5410703.9
L4220.0	504223.5	5410703.9	66943.29688	327.89	0	48.849290	-86.942430	56277.56	56234.9	15.06	56292.62	56294.53516	56296.12419	56297.38281	504223.5	5410703.9
L4220.0	504223.6	5410702.2	66943.39844	327.58	0	48.849275	-86.942429	56277.88	56234.9	15.06	56292.94	56294.83984	56302.56783	56303.82813	504223.6	5410702.2
L4220.0	504223.6	5410700.5	66943.50000	327.05	0	48.849260	-86.942429	56277.98	56234.9	15.06	56293.04	56294.92188	56304.90293	56306.16406	504223.6	5410700.5
L4220.0	504223.6	5410699.2	66943.50000	327.05	0	48.849248	-86.942429	56277.50	56234.9	15.06	56292.56	56294.42188	56296.57370	56297.83594	504223.6	5410699.2
L4220.0	504223.6	5410699.2	66943.70313	326.10	0	48.849248	-86.942429	56277.20	56235	15.05	56292.24	56294.08594	56288.10035	56289.36719	504223.6	5410699.2
L4220.0	504223.6	5410697.4	66943.79688	325.82	0	48.849231	-86.942428	56276.99	56235	15.05	56292.04	56293.86719	56283.66620	56284.93750	504223.6	5410697.4
L4220.0	504223.7	5410696.0	66943.89844	326.23	0	48.849219	-86.942428	56277.32	56235	15.04	56292.37	56294.17969	56292.87757	56294.15234	504223.7	5410696.0
L4220.0	504223.7	5410696.0	66944.00000	325.43	0	48.849219	-86.942428	56277.68	56235	15.04	56292.72	56294.51172	56302.59248	56303.87109	504223.7	5410696.0
L4220.0	504223.7	5410694.1	66944.10156	324.39	0	48.849202	-86.942428	56278.04	56235	15.04	56293.07	56294.84766	56312.32494	56313.60547	504223.7	5410694.1
L4220.0	504223.7	5410692.8	66944.20313	325.43	0	48.849190	-86.942427	56277.61	56235	15.04	56292.64	56294.39844	56301.91930	56303.20703	504223.7	5410692.8
L4220.0	504223.7	5410691.6	66944.29688	327.21	0	48.849180	-86.942427	56277.25	56235	15.04	56292.29	56294.03125	56295.21418	56296.50391	504223.7	5410691.6
L4220.0	504223.7	5410691.6	66944.39844	327.35	0	48.849180	-86.942427	56277.40	56235	15.04	56292.43	56294.15234	56298.31259	56299.60547	504223.7	5410691.6
L4220.0	504223.7	5410689.9	66944.50000	327.36	0	48.849164	-86.942427	56277.32	56235	15.04	56292.36	56294.06641	56297.53971	56298.83594	504223.7	5410689.9
L4220.0	504223.7	5410688.9	66944.60156	327.35	0	48.849155	-86.942427	56277.50	56235	15.03	56292.53	56294.21875	56301.22576	56302.52734	504223.7	5410688.9
L4220.0	504223.7	5410687.8	66944.70313	327.54	0	48.849145	-86.942427	56277.32	56235	15.03	56292.36	56294.03125	56298.58407	56299.89063	504223.7	5410687.8
L4220.0	504223.8	5410686.6	66944.79688	328.61	0	48.849135	-86.942427	56277.40	56235	15.03	56292.43	56294.08203	56300.41977	56301.73047	504223.8	5410686.6
L4220.0	504223.8	5410686.6	66944.89844	328.93	0	48.849135	-86.942427	56277.25	56235	15.03	56292.28	56293.91406	56298.12179	56299.43359	504223.8	5410686.6
L4220.0	504223.8	5410684.4	66945.00000	327.58	0	48.849115	-86.942427	56277.56	56235	15.03	56292.58	56294.19531	56304.29803	56305.61328	504223.8	5410684.4
L4220.0	504223.8	5410683.5	66945.10156	329.57	0	48.849107	-86.942427	56277.70	56235	15.03	56292.73	56294.32813	56307.65708	56308.97656	504223.8	5410683.5
L4220.0	504223.8	5410683.5	66945.20313	331.77	0	48.849107	-86.942427	56277.68	56235	15.03	56292.71	56294.28906	56307.79333	56309.12109	504223.8	5410683.5
L4220.0	504223.8	5410681.8	66945.29688	330.74	0	48.849091	-86.942427	56277.25	56235	15.03	56292.28	56293.84375	56300.14216	56301.47266	504223.8	5410681.8
L4220.0	504223.8	5410680.4	66945.39844	332.48	0	48.849079	-86.942427	56277.30	56235	15.03	56292.33	56293.87500	56301.57538	56302.91016	504223.8	5410680.4
L4220.0	504223.8	5410680.4	66945.50000	329.81	0	48.849079	-86.942427	56277.38	56235	15.04	56292.41	56293.93750	56303.56260	56304.89844	504223.8	5410680.4
L4220.0	504223.8	5410678.9	66945.50000	329.81	0	48.849065	-86.942427	56277.12	56235	15.04	56292.16	56293.66797	56299.29896	56300.64063	504223.8	5410678.9
L4220.0	504223.8	5410677.4	66945.70313	329.69	0	48.849051	-86.942427	56277.38	56235	15.04	56292.41	56293.90234	56304.46037	56305.80859	504223.8	5410677.4
L4220.0	504223.8	5410677.4	66945.79688	328.45	0	48.849051	-86.942427	56277.30	56235	15.04	56292.33	56293.80469	56303.38660	56304.73828	504223.8	5410677.4
L4220.0	504223.8	5410675.8	66945.89844	329.33	0	48.849037	-86.942426	56277.30	56235	15.04	56292.34	56293.79688	56303.99112	56305.34766	504223.8	5410675.8
L4220.0	504223.8	5410674.5	66946.00000	327.99	0	48.849026	-86.942426	56277.09	56235	15.04	56292.13	56293.56641	56300.49909	56301.85938	504223.8	5410674.5
L4220.0	504223.8	5410673.3	66946.10156	325.84	0	48.849015	-86.942426	56277.09	56235	15.04	56292.13	56293.55078	56300.91405	56302.27734	504223.8	5410673.3
L4220.0	504223.8	5410673.3	66946.20313	325.25	0	48.849015	-86.942426	56277.02	56235	15.04	56292.06	56293.46094	56299.14259	56300.51172	504223.8	5410673.3
L4220.0	504223.9	5410671.4	66946.29688	326.32	0	48.848998	-86.942425	56276.74	56235	15.03	56291.77	56293.15234	56292.24968	56293.62500	504223.9	5410671.4
L4220.0	504223.9	5410670.1	66946.39844	323.92	0	48.848986	-86.942425	56277.02	56235	15.03	56292.05	56293.41797	56299.98473	56301.36328	504223.9	5410670.1
L4220.0	504223.9	5410670.1	66946.50000	325.46	0	48.848986	-86.942425	56277.17	56235	15.03	56292.20	56293.54688	56304.33386	56305.71484	504223.9	5410670.1
L4220.0	504223.9	5410668.5	66946.60156	326.36	0	48.848972	-86.942425	56276.99	56235	15.03	56292.02	56293.35156	56300.33180	56301.71484	504223.9	5410668.5
L4220.0	504224.0	5410667.0	66946.70313	325.58	0	48.848958	-86.942424	56277.12	56235	15.03	56292.15	56293.46094	56304.16148	56305.55078	504224.0	5410667.0
L4220.0	504224.0	5410665.7	66946.79688	324.80	0	48.848946	-86.942424	56277.38	56235	15.02	56292.40	56293.69531	56310.99201	56312.38672	504224.0	5410665.7
L4220.0	504224.0	5410665.7	66946.89844	326.42	0	48.848946	-86.942424	56277.12	56235	15.02	56292.14	56293.41797	56305.09191	56306.48828	504224.0	5410665.7
L4220.0	504224.0	5410663.8	66947.00000	325.99	0	48.848930	-86.942423	56277.20	56235	15.02	56292.21	56293.46875	56307.47930	56308.87891	504224.0	5410663.8
L4220.0	504224.1	5410662.4	66947.10156	326.21	0	48.848916	-86.942422	56277.07	56235	15.02	56292.09	56293.33203	56305.14559	56306.54688	504224.1	5410662.4
L4220.0	504224.1	5410662.4	66947.20313	325.74	0	48.848916	-86.942422	56276.96	56235	15.02	56291.98	56293.20313	56303.07617	56304.48047	504224.1	5410662.4
L4220.0	504224.1	5410660.8	66947.29688	325.62	0	48.848902	-86.942422	56276.89	56235	15.02	56291.91	56293.11719	56302.02180	56303.43359	504224.1	5410660.8
L4220.0	504224.1	5410659.4	66947.39844	325.06	0	48.848890	-86.942422	56276.46	56235	15.02	56291.48	56292.66797	56291.80622	56293.21875	504224.1	5410659.4
L4220.0	504224.1	5410659.4	66947.50000	325.17	0	48.848890	-86.942422	56276.64	56235	15.02	56291.67	56292.83984	56297.36170	56298.77344	504224.1	5410659.4
L4220.0	504224.2	5410657.7	66947.50000	325.17	0	48.848874	-86.942421	56276.74	56235	15.02	56291.76	56292.91406	56300.42278	56301.83984	504224.2	5410657.7
L4220.0	504224.2	5410656.1	66947.70313	324.56	0	48.848861	-86.942421	56276.75	56235	15.03	56291.78	56292.91406	56302.10919	56303.52734	504224.2	5410656.1
L4220.0	504224.2	5410654.7	66947.79688	326.12	0	48.848847	-86.942421	56276.61	56235	15.03	56291.64	56292.75781	56300.09299	56301.51563	504224.2	5410654.7
L4220.0	504224.2	5410654.7	66947.89844	325.90	0	48.848847	-86.942421	56276.13	56235	15.03	56291.16	56292.26172	56291.70362	56293.12891	504224.2	5410654.7
L4220.0	504224.2	5410653.4	66948.00000	329.03	0	48.848836	-86.942421	56276.36	56235	15.03	56291.39	56292.47266	56296.55125	56297.97656	504224.2	5410653.4
L4220.0	504224.2	5410653.4	66948.10156	330.52	0	48.848836	-86.942421	56276.50	56235	15.03	56291.53	56292.59375	56299.76006	56301.18750	504224.2	5410653.4
L4220.0	504224.3	5410651.1	66948.20313	332.76	0	48.848815	-86.942420	56276.69	56235	15.02	56291.71	56292.75781	56303.76641	56305.19922	504224.3	5410651.1
L4220.0	504224.3	5410650.2	66948.29688	330.70	0	48.848807	-86.942420	56276.51	56235	15.02	56291.53	56292.55859	56300.93767	56302.37109	504224.3	5410650.2
L4220.0	504224.3	5410648.7	66948.39844	332.17	0	48.848793	-86.942420	56276.46	56235	15.01	56291.47	56292.48047	56300.38403	56301.82031	504224.3	5410648.7
L4220.0	504224.3	5410648.7	66948.50000	331.87	0	48.848793	-86.942420	56276.68	56235	15.01	56291.69	56292.68359	56305.21486	56306.64844	504224.3	5410648.7
L4220.0	504224.3	5410646.6	66948.60156	332.02	0	48.848775	-86.942419	56276.69	56235	15.01	56291.69	56292.66797	56305.82683	56307.26172	504224.3	5410646.6
L4220.0	504224.3	5410646.6	66948.70313	329.10	0	48.848775	-86.942419	56276.66	56235	15.00	56291.66	56292.62109	56305.85687	56307.29688	504224.3	5410646.6
L4220.0	504224.3	5410644.6	66948.79688	329.85	0	48.848757	-86.942419	56276.56	56235	15.00	56291.56	56292.50391	56304.52601	56305.96875	504224.3	5410644.6
L4220.0	504224.4	5410643.3	66948.89844	329.24	0	48.848745	-86.942419	56276.64	56235	14.99	56291.64	56292.56641	56306.67683	56308.11719	504224.4	5410643.3
L4220.0	504224.4	5410641.8	66949.00000	330.42	0	48.848732	-86.942419	56276.47	56235	14.99	56291.46	56292.36719	56303.78475	56305.22656	504224.4	5410641.8
L4220.0	504224.4	5410641.8	66949.10156	328.40	0	48.848732	-86.942419	56276.46	56235	14.99	56291.45	56292.33984	56304.18351	56305.62500	504224.4	5410641.8

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4220.0	504224.4	5410640.1	66949.20313	327.56	0	48.848716	-86.942419	56276.23	56235	14.99	56291.22	56292.09375	56300.32728	56301.76953	504224.4	5410640.1
L4220.0	504224.4	5410640.1	66949.29688	326.66	0	48.848716	-86.942419	56276.45	56235	15.00	56291.44	56292.29688	56305.15916	56306.60156	504224.4	5410640.1
L4220.0	504224.4	5410638.5	66949.39844	326.54	0	48.848701	-86.942418	56276.20	56235	15.00	56291.20	56292.03906	56301.12428	56302.56641	504224.4	5410638.5
L4220.0	504224.4	5410637.2	66949.50000	326.89	0	48.848690	-86.942418	56276.28	56235	15.00	56291.28	56292.10156	56303.24311	56304.68359	504224.4	5410637.2
L4220.0	504224.4	5410637.2	66949.50000	326.89	0	48.848690	-86.942418	56275.96	56235	15.00	56290.96	56291.76563	56297.72753	56299.16797	504224.4	5410637.2
L4220.0	504224.5	5410635.6	66949.60156	328.14	0	48.848675	-86.942418	56275.72	56235	15.00	56290.72	56291.50781	56293.78126	56295.22266	504224.5	5410635.6
L4220.0	504224.5	5410634.0	66949.70313	329.19	0	48.848661	-86.942418	56275.91	56235	15.00	56290.92	56291.69141	56298.19599	56299.63672	504224.5	5410634.0
L4220.0	504224.5	5410632.7	66949.79688	330.06	0	48.848649	-86.942417	56276.05	56235	15.01	56291.06	56291.81250	56301.46238	56302.90234	504224.5	5410632.7
L4220.0	504224.5	5410632.7	66949.89844	329.74	0	48.848649	-86.942417	56276.20	56235	15.01	56291.20	56291.93750	56304.72885	56306.16406	504224.5	5410632.7
L4220.0	504224.5	5410631.1	66950.00000	329.68	0	48.848636	-86.942417	56275.95	56235	15.01	56290.96	56291.67969	56300.86216	56302.29688	504224.5	5410631.1
L4220.0	504224.5	5410629.3	66950.10156	329.89	0	48.848619	-86.942417	56275.95	56235	15.01	56290.96	56291.66406	56301.52907	56302.96094	504224.5	5410629.3
L4220.0	504224.5	5410629.3	66950.20313	330.88	0	48.848619	-86.942417	56275.91	56235	15.01	56290.92	56291.60547	56301.46212	56302.89453	504224.5	5410629.3
L4220.0	504224.5	5410627.9	66950.39844	328.12	0	48.848606	-86.942417	56275.80	56235	15.01	56290.81	56291.48047	56300.09113	56301.52344	504224.5	5410627.9
L4220.0	504224.5	5410626.3	66950.50000	326.70	0	48.848592	-86.942417	56275.84	56235	15.01	56290.85	56291.50391	56301.55652	56302.98438	504224.5	5410626.3
L4220.0	504224.5	5410626.3	66950.60156	327.25	0	48.848592	-86.942417	56275.72	56235	15.01	56290.73	56291.36719	56300.01613	56301.44141	504224.5	5410626.3
L4220.0	504224.5	5410625.1	66950.70313	327.40	0	48.848581	-86.942417	56275.61	56235	15.01	56290.62	56291.24219	56298.66912	56300.09375	504224.5	5410625.1
L4220.0	504224.5	5410622.9	66950.79688	327.56	0	48.848562	-86.942418	56275.31	56235	15.01	56290.32	56290.92578	56293.72346	56295.14453	504224.5	5410622.9
L4220.0	504224.5	5410622.9	66950.89844	325.45	0	48.848562	-86.942418	56275.39	56235	15.01	56290.40	56290.98828	56295.98620	56297.40625	504224.5	5410622.9
L4220.0	504224.5	5410621.8	66951.00000	327.37	0	48.848552	-86.942418	56275.28	56235	15.01	56290.29	56290.85938	56294.64949	56296.06250	504224.5	5410621.8
L4220.0	504224.4	5410620.4	66951.10156	327.89	0	48.848539	-86.942418	56275.61	56235	15.01	56290.62	56291.17578	56301.70644	56303.11719	504224.4	5410620.4
L4220.0	504224.4	5410618.9	66951.20313	330.57	0	48.848525	-86.942418	56275.57	56235	15.01	56290.58	56291.11719	56301.72718	56303.13672	504224.4	5410618.9
L4220.0	504224.4	5410618.9	66951.29688	332.62	0	48.848525	-86.942418	56275.61	56235	15.01	56290.62	56291.14063	56303.28482	56304.69141	504224.4	5410618.9
L4220.0	504224.4	5410617.3	66951.39844	331.20	0	48.848511	-86.942419	56275.54	56235	15.01	56290.56	56291.06641	56302.93826	56304.33984	504224.4	5410617.3
L4220.0	504224.4	5410617.3	66951.50000	330.02	0	48.848511	-86.942419	56275.61	56235	15.01	56290.62	56291.10938	56304.89846	56306.29688	504224.4	5410617.3
L4220.0	504224.4	5410615.6	66951.50000	330.02	0	48.848495	-86.942419	56275.74	56235	15.01	56290.76	56291.23438	56308.40344	56309.79688	504224.4	5410615.6
L4220.0	504224.4	5410614.0	66951.70313	331.42	0	48.848481	-86.942419	56275.51	56235	15.02	56290.53	56290.98828	56304.81436	56306.20313	504224.4	5410614.0
L4220.0	504224.4	5410614.0	66951.79688	331.21	0	48.848481	-86.942419	56275.33	56235	15.02	56290.35	56290.79297	56302.18719	56303.57422	504224.4	5410614.0
L4220.0	504224.3	5410612.4	66951.89844	329.55	0	48.848467	-86.942420	56275.25	56235	15.02	56290.27	56290.69531	56301.48453	56302.86719	504224.3	5410612.4
L4220.0	504224.3	5410610.8	66952.00000	329.61	0	48.848453	-86.942420	56275.18	56235	15.02	56290.20	56290.60938	56300.97826	56302.35547	504224.3	5410610.8
L4220.0	504224.3	5410609.1	66952.10156	328.09	0	48.848437	-86.942420	56275.00	56235	15.02	56290.02	56290.41406	56298.36611	56299.73828	504224.3	5410609.1
L4220.0	504224.3	5410609.1	66952.20313	328.28	0	48.848437	-86.942420	56274.92	56235	15.02	56289.94	56290.31641	56297.67942	56299.05078	504224.3	5410609.1
L4220.0	504224.3	5410608.1	66952.29688	327.75	0	48.848428	-86.942420	56274.85	56235	15.02	56289.87	56290.23047	56297.19022	56298.55859	504224.3	5410608.1
L4220.0	504224.3	5410606.5	66952.39844	326.99	0	48.848414	-86.942420	56275.04	56235	15.02	56290.06	56290.40625	56301.65744	56303.01953	504224.3	5410606.5
L4220.0	504224.3	5410606.5	66952.50000	326.47	0	48.848414	-86.942420	56275.10	56235	15.02	56290.12	56290.44922	56303.62724	56304.98438	504224.3	5410606.5
L4220.0	504224.3	5410604.1	66952.60156	327.16	0	48.848393	-86.942420	56275.13	56235	15.02	56290.15	56290.46484	56305.01216	56306.36328	504224.3	5410604.1
L4220.0	504224.3	5410604.1	66952.70313	328.59	0	48.848393	-86.942420	56275.28	56235	15.02	56290.30	56290.60156	56308.63392	56309.98438	504224.3	5410604.1
L4220.0	504224.3	5410602.4	66952.79688	327.80	0	48.848377	-86.942420	56274.81	56235	15.02	56289.82	56290.10547	56300.45801	56301.80469	504224.3	5410602.4
L4220.0	504224.3	5410602.4	66952.89844	329.65	0	48.848377	-86.942420	56274.72	56235	15.02	56289.74	56290.00781	56299.80389	56301.14453	504224.3	5410602.4
L4220.0	504224.3	5410600.8	66953.00000	330.31	0	48.848363	-86.942420	56274.49	56235	15.02	56289.51	56289.76172	56296.40465	56297.74219	504224.3	5410600.8
L4220.0	504224.3	5410599.4	66953.10156	326.63	0	48.848350	-86.942420	56274.74	56235	15.02	56289.76	56290.00000	56302.11037	56303.44141	504224.3	5410599.4
L4220.0	504224.3	5410598.3	66953.20313	328.62	0	48.848340	-86.942420	56274.72	56235	15.02	56289.73	56289.95313	56302.57422	56303.90234	504224.3	5410598.3
L4220.0	504224.3	5410598.3	66953.29688	328.14	0	48.848340	-86.942420	56274.59	56235	15.01	56289.61	56289.81641	56300.76485	56302.08984	504224.3	5410598.3
L4220.0	504224.3	5410596.7	66953.39844	329.24	0	48.848326	-86.942420	56274.74	56235	15.01	56289.75	56289.94141	56305.60805	56306.92969	504224.3	5410596.7
L4220.0	504224.3	5410596.7	66953.50000	330.18	0	48.848326	-86.942420	56274.74	56235	15.01	56289.75	56289.92578	56306.90079	56308.21875	504224.3	5410596.7
L4220.0	504224.3	5410595.1	66953.50000	330.18	0	48.848311	-86.942420	56274.59	56235	15.01	56289.60	56289.76172	56304.42919	56305.74219	504224.3	5410595.1
L4220.0	504224.3	5410593.5	66953.70313	326.20	0	48.848297	-86.942420	56274.54	56235	15.01	56289.54	56289.68750	56304.26920	56305.57813	504224.3	5410593.5
L4220.0	504224.3	5410591.5	66953.79688	324.93	0	48.848279	-86.942420	56274.70	56235	15.00	56289.71	56289.84375	56309.93536	56311.24219	504224.3	5410591.5
L4220.0	504224.3	5410590.4	66953.89844	324.80	0	48.848269	-86.942420	56274.10	56235	15.00	56289.10	56289.21875	56295.98392	56297.28906	504224.3	5410590.4
L4220.0	504224.3	5410590.4	66954.00000	324.53	0	48.848269	-86.942420	56274.26	56235	15.00	56289.26	56289.36328	56301.45573	56302.75781	504224.3	5410590.4
L4220.0	504224.3	5410588.6	66954.10156	323.03	0	48.848253	-86.942420	56273.88	56235	15.00	56288.88	56288.96875	56293.34881	56294.64844	504224.3	5410588.6
L4220.0	504224.3	5410587.2	66954.20313	324.58	0	48.848240	-86.942420	56273.70	56235	15.00	56288.70	56288.77344	56290.29707	56291.59375	504224.3	5410587.2
L4220.0	504224.3	5410587.2	66954.29688	323.94	0	48.848240	-86.942420	56273.75	56235	15.00	56288.76	56288.82031	56293.32633	56294.62109	504224.3	5410587.2
L4220.0	504224.4	5410585.2	66954.39844	325.72	0	48.848222	-86.942420	56273.88	56235	15.00	56288.88	56288.92578	56297.91150	56299.20703	504224.4	5410585.2
L4220.0	504224.4	5410584.1	66954.50000	326.32	0	48.848212	-86.942420	56274.02	56235	15.01	56289.03	56289.06250	56303.30633	56304.59766	504224.4	5410584.1
L4220.0	504224.4	5410584.1	66954.60156	325.91	0	48.848212	-86.942420	56273.55	56235	15.01	56288.55	56288.56641	56292.70955	56294.00000	504224.4	5410584.1
L4220.0	504224.4	5410582.9	66954.70313	328.24	0	48.848201	-86.942419	56273.55	56235	15.01	56288.55	56288.55078	56294.33882	56295.62891	504224.4	5410582.9
L4220.0	504224.4	5410581.3	66954.79688	328.40	0	48.848187	-86.942419	56273.48	56235	15.01	56288.49	56288.47656	56294.46503	56295.75781	504224.4	5410581.3
L4220.0	504224.4	5410581.3	66954.89844	328.88	0	48.848187	-86.942419	56273.65	56235	15.01	56288.66	56288.63281	56300.53213	56301.82422	504224.4	5410581.3
L4220.0	504224.4	5410579.7	66955.00000	328.26	0	48.848173	-86.942419	56273.70	56235	15.01	56288.71	56288.67188	56303.56697	56304.85938	504224.4	5410579.7
L4220.0	504224.4	5410577.7	66955.10156	328.82	0	48.848155	-86.942420	56273.55	56235	15.01	56288.56	56288.50781	56300.97806	56302.26953	504224.4	5410577.7
L4220.0	504224.4	5410576.5	66955.20313	331.28	0	48.848144	-86.942420	56273.31	56235	15.01	56288.33	56288.26172	56298.01904	56299.31250	504224.4	5410576.5
L4220.0	504224.3	5410575.2	66955.29688	327.98	0	48.848132	-86.942420	56273.14	56235	15.01	56288.15	56288.07031	56295.98528	56297.28125	504224.3	5410575.2
L4220.0	504224.3	5410575.2	66955.39844	328.50	0	48.848132	-86.942420	56273.14	56235	15.01	56288.16	56288.06641	56297.47582	56298.77734	504224.3	5410575.2
L4220.0	504224.3	5410573.5	66955.50000	328.56	0	48.848118	-86.942420	56273.31	56235	15.01	56288.33	56288.22266	56301.95660	56303.26172	504224.3	5410573.5
L4220.0	504224.3	5410573.5	66955.50000	328.56	0	48.848118	-86.942420	56273.40	56235	15.01	56288.41	56288.28906	56304.79895	56306.10547	504224.3	5410573.5
L4220.0	504224.3	5410572.0	66955.70313	328.30	0	48.848104	-86.942420	56273.23	56235	15.02	56288.25	56288.11328	56303.20630	56304.51953	504224.3	5410572.0
L4220.0	504224.3	5410570.7	66955.79688	327.32	0	48.848092	-86.942420	56272.96	56235	15.02	56287.98	56287.83203	56299.58471	56300.90234	504224.3	5410570.7
L4220.0	504224.3	5410570.7	66955.89844	326.07	0	48.848092	-86.942420	56272.60	56235	15.02	56287.62	56287.45703	56294.30907	56295.63281	504224.3	5410570.7
L4220.0	504224.3	5410569.1	66956.00000	325.56	0	48.848077	-86.942420	56272.34	56235	15.02	56287.36	56287.18359	56290.91635	56292.24609	504224.3	5410569.1
L4220.0	504224.3	5410567.7	66956.10156	325.31	0	48.848065	-86.942420	56272.58	56235	15.02	56287.60	56287.41016	56296.84677	56298.18359	504224.3	5410567.7
L4220.0	504224.3	5410566.1	66956.20313	325.59	0	48.848051	-86.942420	56272.70	56235	15.01	56287.71	56287.50781	56300.39020	56301.73438	504224.3	5410566.1
L4220.0	504224.3	5410566.1	66956.29688	328.05	0	48.848051	-86.942420	56272.76	56235	15.01	56287.77	56287.55469	56303.03683	56304.39063	504224.3	5410566.1
L4220.0	504224.3	5410564.6	66956.39844	327.08	0	48.848037	-86.942420	56272.50	56235	15.01	56287.50	56287.27344	56299.57734	56300.94141	504224.3	5410564.6
L4220.0	504224.3	5410563.0	66956.50000	326.94	0	48.848022	-86.942420	56272.70	56235	15.00	56287.70	56287.46094	56304.90462	56306.27734	504224.3	5410563.0
L4220.0	504224.3	5410563.0	66956.60156	327.04	0	48.848022	-86.942420	56272.31	56235	15.00	56287.31	56287.05859	56299.27307	56300.66016	504224.3	5410563.0
L4220.0	504224.3	5410561.6	66956.70313	327.70	0	48.848010	-86.942420	56272.22	56235	15.00	56287.22	56286.95313	56299.26649	56300.66406	504224.3	5410561.6
L4220.0	504224.3	5410560.0	66956.79688	327.20	0	48.847995	-86.942420	56272.04	56235	15.00	56287.03	56286.75391	56297.42361	56298.83594	504224.3	5410560.0
L4220.0	504224.3	5410560.0	66956.89844	328.49	0	48.847995	-86.942420	56272.06	56235	14.99	56287.06	56286.76953	56299.73441	56301.16016	504224.3	5410560.0
L4220.0	504224.3	5410558.4	66957.00000	330.05	0	48.847981	-86.942420	56272.07	56235	14.99	56287.06	56286.75781	56301.52547	56302.96875	504224.3	5410558.4
L4220.0	504224.3	5410556.6	66957.10156	330.35	0	48.847965	-86.942420	56272.14	56235	14.99	56287.13	56286.81641	56304.67617	56306.13281	504224.3	5410556.6
L4220.0	504224.3	5410556.6	66957.20313	329.94	0	48.847965	-86.942420	56272.27	56235	15.00	56287.26	56286.93359	56309.00539	56310.48047	504224.3	5410556.6
L4220.0	504224.3	5410555.0	66957.29688	330.13	0	48.847951	-86.942420	56271.76	56235	15.00	56286.76	56286.42188	56301.49071	56302.98438	504224.3	5410555.0
L4220.0	504224.3	5410553.7	66957.39844	329.52	0	48.847939	-86.942421	56271.68	56235	15.00	56286.69	56286.33984	56302.11944	56303.63281	504224.3	5410553.7
L4220.0	504224.3	5410552.3	66957.50000	327.73	0	48.847927	-86.942421	56271.50	56235	15.00	56286.51	56286.14844	56300.70364	56302.23828	504224.3	5410552.3
L4220.0	504224.3	5410552.3	66957.50000	327.73	0	48.847927	-86.942421	56271.73	56235	15.00	56286.74	56286.36719	56307.09216	56308.64844	504224.3	5410552.3
L4220.0	504224.3	5410550.9	66957.70313	327.27	0	48.847913	-86.942421	56271.53	56235	15.01	56286.54	56286.15234	56305.37066	56306.94922	504224.3	5410550.9
L4220.0	504224.3	5410548.9	66957.79688	329.46	0	48.847896	-86.942421	56271.58	56235	15.01	56286.59	56286.19141	56308.42621	56310.03125	504224.3	5410548.9
L4220.0	504224.3	5410548.9	66957.89844	330.10	0	48.847896	-86.942421	56271.33	56235	15.02	56286.35	56285.94141	56306.01406	56307.64453	504224.3	5410548.9
L4220.0	504224.3	5410547.5	66958.00000	332.49	0	48.847884	-86.942421	56271.10	56235	15.02	56286.12	56285.69922	56303.82887	56305.48438	504224.3	5410547.5
L4220.0	504224.3	5410546.4	66958.10156	329.04	0	48.847873	-86.942421	56270.92	56235	15.02	56285.94	56285.50781	56302.63234	56304.31641	504224.3	5410546.4
L4220.0	504224.3	5410545.1	66958.20313	329.17	0	48.847861	-86.942421	56270.79	56235	15.02	56285.81	56285.36719	56302.42533	56304.14063	504224.3	5410545.1
L4220.0	504224.3	5410545.1	66958.29688	329.13	0	48.847861	-86.942421	56270.63	56235	15.02	56285.65	56285.19531	56301.69406	56303.44141	504224.3	5410545.1
L4220.0	504224.3	5410543.2	66958.39844	328.32	0	48.847844	-86.942421	56270.38	56235	15.02	56285.40	56284.93359	56299.30935	56301.08984	504224.3	5410543.2

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4220.0	504224.3	5410543.2	66958.50000	327.89	0	48.847844	-86.942421	56270.13	56235	15.02	56285.14	56284.66406	56296.78910	56298.60156	504224.3	5410543.2
L4220.0	504224.3	5410540.7	66958.60156	327.12	0	48.847822	-86.942421	56269.93	56235	15.02	56284.95	56284.46094	56295.64275	56297.48828	504224.3	5410540.7
L4220.0	504224.3	5410540.7	66958.70313	326.76	0	48.847822	-86.942421	56269.74	56235	15.02	56284.76	56284.26172	56294.54905	56296.43359	504224.3	5410540.7
L4220.0	504224.3	5410539.6	66958.79688	328.09	0	48.847812	-86.942421	56269.62	56235	15.02	56284.64	56284.13281	56294.82445	56296.74609	504224.3	5410539.6
L4220.0	504224.3	5410537.8	66958.89844	329.38	0	48.847796	-86.942421	56269.60	56235	15.02	56284.62	56284.10156	56297.02871	56298.99219	504224.3	5410537.8
L4220.0	504224.3	5410537.0	66959.00000	329.26	0	48.847788	-86.942421	56269.51	56235	15.02	56284.53	56284.00000	56297.96870	56299.97266	504224.3	5410537.0
L4220.0	504224.3	5410537.0	66959.10156	329.51	0	48.847788	-86.942421	56269.62	56235	15.02	56284.63	56284.08984	56302.52311	56304.57031	504224.3	5410537.0
L4220.0	504224.3	5410535.3	66959.20313	328.43	0	48.847773	-86.942421	56269.49	56235	15.02	56284.51	56283.96094	56303.00499	56305.09375	504224.3	5410535.3
L4220.0	504224.3	5410534.0	66959.29688	326.23	0	48.847761	-86.942421	56269.54	56235	15.01	56284.55	56283.98828	56306.53705	56308.67188	504224.3	5410534.0
L4220.0	504224.3	5410534.0	66959.39844	326.43	0	48.847761	-86.942421	56268.85	56235	15.01	56283.86	56283.28906	56296.45979	56298.64453	504224.3	5410534.0
L4220.0	504224.3	5410532.1	66959.50000	327.99	0	48.847745	-86.942421	56268.70	56235	15.01	56283.71	56283.12891	56296.54794	56298.78125	504224.3	5410532.1
L4220.0	504224.3	5410529.9	66959.50000	327.99	0	48.847725	-86.942421	56268.67	56235	15.01	56283.68	56283.08984	56298.93452	56301.21875	504224.3	5410529.9
L4220.0	504224.3	5410529.9	66959.70313	329.60	0	48.847725	-86.942421	56268.67	56235	15.01	56283.68	56283.07813	56301.93449	56304.26953	504224.3	5410529.9
L4220.0	504224.3	5410529.0	66959.79688	329.38	0	48.847717	-86.942421	56268.54	56235	15.00	56283.55	56282.93750	56302.56099	56304.94922	504224.3	5410529.0
L4220.0	504224.3	5410527.4	66959.89844	328.89	0	48.847702	-86.942421	56268.42	56235	15.00	56283.42	56282.80078	56303.24508	56305.69141	504224.3	5410527.4
L4220.0	504224.3	5410527.4	66960.00000	328.17	0	48.847702	-86.942421	56268.34	56235	15.00	56283.34	56282.71094	56304.92048	56307.42188	504224.3	5410527.4
L4220.0	504224.3	5410525.6	66960.10156	326.39	0	48.847686	-86.942421	56267.93	56235	15.00	56282.93	56282.28906	56300.50507	56303.06250	504224.3	5410525.6
L4220.0	504224.3	5410524.2	66960.20313	327.84	0	48.847674	-86.942421	56267.92	56235	15.00	56282.92	56282.26953	56303.60664	56306.22656	504224.3	5410524.2
L4220.0	504224.3	5410522.9	66960.29688	327.13	0	48.847662	-86.942421	56267.61	56235	15.00	56282.61	56281.95313	56301.18150	56303.86328	504224.3	5410522.9
L4220.0	504224.3	5410521.5	66960.39844	328.36	0	48.847649	-86.942421	56267.56	56235	15.00	56282.56	56281.89453	56303.66064	56306.40625	504224.3	5410521.5
L4220.0	504224.3	5410521.5	66960.50000	328.82	0	48.847649	-86.942421	56267.16	56235	15.00	56282.16	56281.48438	56299.68696	56302.49609	504224.3	5410521.5
L4220.0	504224.3	5410520.2	66960.60156	329.05	0	48.847637	-86.942421	56266.81	56235	15.00	56281.81	56281.12500	56296.70854	56299.58594	504224.3	5410520.2
L4220.0	504224.3	5410518.3	66960.70313	326.33	0	48.847620	-86.942421	56266.38	56235	15.00	56281.38	56280.68359	56292.30631	56295.25000	504224.3	5410518.3
L4220.0	504224.3	5410518.3	66960.79688	325.79	0	48.847620	-86.942421	56265.96	56235	15.00	56280.96	56280.25781	56288.15543	56291.17188	504224.3	5410518.3
L4220.0	504224.3	5410516.7	66960.89844	324.35	0	48.847606	-86.942421	56265.86	56235	15.00	56280.86	56280.14844	56290.02163	56293.10938	504224.3	5410516.7
L4220.0	504224.3	5410515.1	66961.00000	325.51	0	48.847592	-86.942421	56265.91	56235	15.00	56280.91	56280.18750	56294.74100	56297.90234	504224.3	5410515.1
L4220.0	504224.3	5410515.1	66961.10156	325.87	0	48.847592	-86.942421	56265.89	56235	15.00	56280.89	56280.16016	56298.22303	56301.45703	504224.3	5410515.1
L4220.0	504224.3	5410513.4	66961.20313	327.40	0	48.847576	-86.942421	56265.76	56235	15.00	56280.76	56280.02344	56299.72603	56303.03516	504224.3	5410513.4
L4220.0	504224.3	5410513.4	66961.29688	328.82	0	48.847576	-86.942421	56265.32	56235	15.00	56280.32	56279.57422	56295.53494	56298.92578	504224.3	5410513.4
L4220.0	504224.3	5410511.9	66961.39844	328.24	0	48.847562	-86.942421	56265.20	56235	15.00	56280.21	56279.45313	56297.54716	56301.01563	504224.3	5410511.9
L4220.0	504224.4	5410510.3	66961.50000	329.26	0	48.847549	-86.942420	56265.16	56235	15.01	56280.16	56279.39453	56300.74664	56304.29688	504224.4	5410510.3
L4220.0	504224.4	5410509.2	66961.50000	329.26	0	48.847538	-86.942420	56265.10	56235	15.01	56280.11	56279.33984	56304.01834	56307.65234	504224.4	5410509.2
L4220.0	504224.4	5410509.2	66961.70313	328.65	0	48.847538	-86.942420	56264.73	56235	15.01	56279.74	56278.96094	56301.40877	56305.12500	504224.4	5410509.2
L4220.0	504224.4	5410507.7	66961.79688	328.17	0	48.847525	-86.942420	56264.04	56235	15.01	56279.04	56278.25000	56292.72222	56296.52344	504224.4	5410507.7
L4220.0	504224.4	5410506.3	66961.89844	328.12	0	48.847512	-86.942420	56263.56	56235	15.01	56278.57	56277.77344	56288.38044	56292.26953	504224.4	5410506.3
L4220.0	504224.4	5410506.3	66962.00000	328.32	0	48.847512	-86.942420	56263.54	56235	15.01	56278.55	56277.74609	56292.48660	56296.46484	504224.4	5410506.3
L4220.0	504224.4	5410504.9	66962.10156	327.63	0	48.847500	-86.942420	56263.16	56235	15.01	56278.17	56277.35938	56289.95427	56294.02344	504224.4	5410504.9
L4220.0	504224.4	5410503.1	66962.20313	326.49	0	48.847484	-86.942420	56263.31	56235	15.01	56278.32	56277.50000	56297.35548	56301.51563	504224.4	5410503.1
L4220.0	504224.4	5410501.7	66962.29688	324.88	0	48.847471	-86.942420	56263.47	56235	15.01	56278.48	56277.65234	56304.99217	56309.24609	504224.4	5410501.7
L4220.0	504224.4	5410500.4	66962.39844	327.74	0	48.847460	-86.942419	56263.28	56235	15.01	56278.29	56277.45313	56306.16412	56310.51172	504224.4	5410500.4
L4220.0	504224.4	5410500.4	66962.50000	327.66	0	48.847460	-86.942419	56262.78	56235	15.01	56277.79	56276.94531	56301.64150	56306.08594	504224.4	5410500.4
L4220.0	504224.4	5410498.7	66962.60156	328.09	0	48.847444	-86.942419	56262.47	56235	15.01	56277.48	56276.62891	56300.70965	56305.25000	504224.4	5410498.7
L4220.0	504224.4	5410498.7	66962.70313	328.09	0	48.847444	-86.942419	56261.83	56235	15.01	56276.84	56275.98047	56293.76265	56298.40234	504224.4	5410498.7
L4220.0	504224.4	5410497.1	66962.79688	328.60	0	48.847430	-86.942419	56261.66	56235	15.01	56276.67	56275.80469	56295.55464	56300.29688	504224.4	5410497.1
L4220.0	504224.4	5410497.1	66962.89844	328.36	0	48.847430	-86.942419	56261.24	56235	15.01	56276.25	56275.37500	56293.20567	56298.04688	504224.4	5410497.1
L4220.0	504224.4	5410494.2	66963.00000	329.14	0	48.847404	-86.942419	56260.96	56235	15.01	56275.97	56275.08984	56293.22324	56298.16797	504224.4	5410494.2
L4220.0	504224.4	5410494.2	66963.10156	328.47	0	48.847404	-86.942419	56260.66	56235	15.01	56275.67	56274.78125	56292.81677	56297.86328	504224.4	5410494.2
L4220.0	504224.4	5410492.5	66963.20313	328.02	0	48.847389	-86.942419	56260.21	56235	15.01	56275.22	56274.32422	56288.67480	56293.82813	504224.4	5410492.5
L4220.0	504224.5	5410491.2	66963.29688	326.91	0	48.847377	-86.942419	56259.98	56235	15.02	56275.00	56274.09766	56290.50405	56295.76172	504224.5	5410491.2
L4220.0	504224.5	5410490.1	66963.39844	327.27	0	48.847367	-86.942419	56259.28	56235	15.02	56274.30	56273.38672	56280.23911	56285.60547	504224.5	5410490.1
L4220.0	504224.5	5410490.1	66963.50000	324.92	0	48.847367	-86.942419	56259.13	56235	15.02	56274.15	56273.23047	56284.03590	56289.51172	504224.5	5410490.1
L4220.0	504224.5	5410488.5	66963.50000	324.92	0	48.847353	-86.942419	56258.54	56235	15.02	56273.56	56272.63281	56276.80546	56282.39063	504224.5	5410488.5
L4220.0	504224.5	5410486.9	66963.70313	325.89	0	48.847338	-86.942419	56258.44	56235	15.02	56273.46	56272.52734	56282.03178	56287.72656	504224.5	5410486.9
L4220.0	504224.5	5410486.9	66963.79688	323.92	0	48.847338	-86.942419	56257.92	56235	15.03	56272.95	56272.00781	56277.03305	56282.83984	504224.5	5410486.9
L4220.0	504224.5	5410485.0	66963.89844	324.65	0	48.847321	-86.942418	56257.54	56235	15.03	56272.57	56271.62109	56275.40486	56281.32422	504224.5	5410485.0
L4220.0	504224.5	5410485.0	66964.00000	325.16	0	48.847321	-86.942418	56257.19	56235	15.03	56272.22	56271.26563	56274.62590	56280.65625	504224.5	5410485.0
L4220.0	504224.6	5410483.8	66964.10156	327.05	0	48.847310	-86.942418	56257.04	56235	15.03	56272.06	56271.09766	56278.68997	56284.83594	504224.6	5410483.8
L4220.0	504224.6	5410482.6	66964.20313	326.39	0	48.847299	-86.942417	56256.91	56235	15.03	56271.93	56270.96094	56283.59054	56289.85156	504224.6	5410482.6
L4220.0	504224.6	5410480.8	66964.29688	325.95	0	48.847283	-86.942417	56256.25	56235	15.03	56271.27	56270.29297	56275.36115	56281.73828	504224.6	5410480.8
L4220.0	504224.6	5410480.8	66964.39844	326.10	0	48.847283	-86.942417	56256.06	56235	15.03	56271.08	56270.09766	56278.96130	56285.45313	504224.6	5410480.8
L4220.0	504224.7	5410479.4	66964.50000	325.74	0	48.847270	-86.942417	56255.61	56235	15.02	56270.64	56269.64844	56276.42390	56283.03516	504224.7	5410479.4
L4220.0	504224.7	5410478.1	66964.60156	328.40	0	48.847259	-86.942417	56255.35	56235	15.02	56270.37	56269.37109	56278.23468	56284.96484	504224.7	5410478.1
L4220.0	504224.7	5410478.1	66964.70313	328.77	0	48.847259	-86.942417	56254.76	56235	15.02	56269.78	56268.77344	56272.13858	56278.98438	504224.7	5410478.1
L4220.0	504224.7	5410476.5	66964.79688	328.82	0	48.847245	-86.942416	56254.51	56235	15.02	56269.53	56268.51953	56274.65863	56281.62500	504224.7	5410476.5
L4220.0	504224.7	5410475.2	66964.89844	327.37	0	48.847233	-86.942417	56254.15	56235	15.02	56269.17	56268.15234	56274.52670	56281.61328	504224.7	5410475.2
L4220.0	504224.7	5410473.7	66965.00000	327.51	0	48.847220	-86.942417	56253.90	56235	15.02	56268.92	56267.89453	56277.28048	56284.48828	504224.7	5410473.7
L4220.0	504224.7	5410473.7	66965.10156	327.16	0	48.847220	-86.942417	56253.49	56235	15.02	56268.51	56267.47656	56276.10256	56283.42969	504224.7	5410473.7
L4220.0	504224.6	5410472.4	66965.20313	325.38	0	48.847207	-86.942417	56253.33	56235	15.02	56268.35	56267.30859	56281.38751	56288.83594	504224.6	5410472.4
L4220.0	504224.6	5410471.2	66965.29688	324.92	0	48.847197	-86.942417	56253.29	56235	15.02	56268.31	56267.26172	56289.88370	56297.45703	504224.6	5410471.2
L4220.0	504224.6	5410469.7	66965.39844	326.78	0	48.847183	-86.942417	56253.05	56235	15.02	56268.07	56267.01563	56293.41813	56301.11328	504224.6	5410469.7
L4220.0	504224.6	5410469.7	66965.50000	325.89	0	48.847183	-86.942417	56252.24	56235	15.03	56267.27	56266.21094	56282.67693	56290.49219	504224.6	5410469.7
L4220.0	504224.6	5410468.3	66965.50000	325.89	0	48.847170	-86.942418	56251.50	56235	15.03	56266.52	56265.45313	56273.26215	56281.20313	504224.6	5410468.3
L4220.0	504224.6	5410467.1	66965.70313	327.30	0	48.847160	-86.942418	56251.52	56235	15.03	56266.55	56265.47656	56284.95769	56293.01953	504224.6	5410467.1
L4220.0	504224.6	5410465.2	66965.79688	327.77	0	48.847143	-86.942418	56250.82	56235	15.03	56265.85	56264.76953	56279.21933	56287.40625	504224.6	5410465.2
L4220.0	504224.6	5410465.2	66965.89844	327.74	0	48.847143	-86.942418	56250.66	56235	15.03	56265.69	56264.60156	56283.48285	56291.79297	504224.6	5410465.2
L4220.0	504224.6	5410464.0	66966.00000	327.34	0	48.847132	-86.942418	56250.22	56235	15.03	56265.25	56264.15234	56282.64769	56291.08203	504224.6	5410464.0
L4220.0	504224.6	5410463.0	66966.10156	328.55	0	48.847123	-86.942418	56250.06	56235	15.03	56265.09	56263.98828	56287.07034	56295.62891	504224.6	5410463.0
L4220.0	504224.5	5410461.6	66966.20313	328.18	0	48.847110	-86.942418	56249.18	56235	15.03	56264.21	56263.10156	56278.16971	56286.85156	504224.5	5410461.6
L4220.0	504224.5	5410461.6	66966.29688	328.91	0	48.847110	-86.942418	56248.74	56235	15.03	56263.77	56262.65234	56277.49726	56286.30469	504224.5	5410461.6
L4220.0	504224.5	5410461.6	66966.39844	328.79	0	48.847110	-86.942418	56248.34	56235	15.03	56263.37	56262.24609	56277.62832	56286.56250	504224.5	5410461.6
L4220.0	504224.5	5410459.0	66966.50000	327.67	0	48.847088	-86.942419	56248.06	56235	15.03	56263.09	56261.96094	56280.06797	56289.12500	504224.5	5410459.0
L4220.0	504224.5	5410459.0	66966.60156	328.45	0	48.847088	-86.942419	56247.82	56235	15.04	56262.86	56261.72266	56283.51180	56292.69531	504224.5	5410459.0
L4220.0	504224.5	5410458.1	66966.70313	330.62	0	48.847079	-86.942419	56247.03	56235	15.04	56262.06	56260.91406	56276.27905	56285.58594	504224.5	5410458.1
L4220.0	504224.5	5410458.1	66966.79688	331.21	0	48.847079	-86.942419	56246.70	56235	15.04	56261.73	56260.57813	56277.94015	56287.37109	504224.5	5410458.1
L4220.0	504224.5	5410455.3	66966.89844	331.35	0	48.847054	-86.942420	56246.07	56235	15.04	56261.11	56259.94922	56274.17384	56283.73047	504224.5	5410455.3
L4220.0	504224.5	5410455.3	66967.00000	331.02	0	48.847054	-86.942420	56246.08	56235	15.04	56261.12	56259.95313	56282.35729	56292.03906	504224.5	5410455.3
L4220.0	504224.4	5410454.3	66967.10156	330.59	0	48.847044	-86.942420	56245.26	56235	15.04	56260.30	56259.12500	56274.89024	56284.69531	504224.4	5410454.3
L4220.0	504224.4	5410453.4	66967.20313	328.61	0	48.847036	-86.942420	56244.94	56235	15.04	56259.98	56258.80078	56276.91853	56286.84766	504224.4	5410453.4
L4220.0	504224.4	5410452.0	66967.29688	327.58	0	48.847024	-86.942421	56244.23	56235	15.04	56259.26	56258.07422	56271.41973	56281.47266	504224.4	5410452.0
L4220.0	504224.4	5410452.0	66967.39844	325.68	0	48.847024	-86.942421	56243.79	56235	15.04	56258.82	56257.62500	56271.25556	56281.43359	504224.4	5410452.0
L4220.0	504224.3	5410450.7	66967.50000	326.69	0	48.847012	-86.942422	56243.28	56235	15.04	56258.31	56257.10938	56269.80592	56280.10938	504224.3	5410450.7
L4220.0	504224.3	5410449.5	66967.50000	326.69	0	48.847002	-86.942422	56242.84	56235	15.04	56257.88	56256.67188	56269.90277	56280.32813	504224.3	5410449.5
L4220.0	504224.3	5410449.5	66967.70313	328.77	0	48.847002	-86.942422	56242.54	56235	15.03	56257.57	56256.35547	56272.29243	56282.83984	504224.3	5410449.5

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4220.0	504224.2	5410448.2	66967.79688	328.52	0	48.846990	-86.942423	56241.64	56235	15.03	56256.67	56255.44531	56263.61054	56274.28125	504224.2	5410448.2
L4220.0	504224.2	5410447.1	66967.89844	328.60	0	48.846980	-86.942424	56241.34	56235	15.03	56256.38	56255.14844	56266.43946	56277.23438	504224.2	5410447.1
L4220.0	504224.1	5410445.7	66968.00000	327.70	0	48.846968	-86.942425	56240.34	56235	15.03	56255.37	56254.13281	56255.78737	56266.70703	504224.1	5410445.7
L4220.0	504224.1	5410445.7	66968.10156	327.63	0	48.846968	-86.942425	56239.98	56235	15.03	56255.02	56253.77734	56257.55076	56268.58984	504224.1	5410445.7
L4220.0	504224.1	5410444.4	66968.20313	327.65	0	48.846956	-86.942425	56239.33	56235	15.04	56254.37	56253.11719	56253.72220	56264.88281	504224.1	5410444.4
L4220.0	504224.1	5410444.4	66968.29688	328.55	0	48.846956	-86.942425	56239.21	56235	15.04	56254.26	56253.00000	56260.01523	56271.30078	504224.1	5410444.4
L4220.0	504224.0	5410443.0	66968.39844	324.84	0	48.846943	-86.942426	56238.64	56234.9	15.05	56253.69	56252.42578	56257.72788	56269.13281	504224.0	5410443.0
L4220.0	504223.9	5410441.8	66968.50000	326.04	0	48.846932	-86.942427	56238.35	56234.9	15.06	56253.40	56252.12891	56260.68900	56272.21484	504223.9	5410441.8
L4220.0	504223.9	5410440.4	66968.60156	326.16	0	48.846920	-86.942427	56238.04	56234.9	15.06	56253.10	56251.82031	56263.47966	56275.12500	504223.9	5410440.4
L4220.0	504223.9	5410440.4	66968.70313	325.90	0	48.846920	-86.942427	56237.38	56234.9	15.07	56252.45	56251.16406	56259.75119	56271.51953	504223.9	5410440.4
L4220.0	504223.8	5410439.1	66968.79688	325.75	0	48.846908	-86.942428	56236.90	56234.9	15.07	56251.97	56250.67578	56259.20885	56271.09766	504223.8	5410439.1
L4220.0	504223.8	5410439.1	66968.89844	327.08	0	48.846908	-86.942428	56236.16	56234.9	15.08	56251.24	56249.93750	56254.00011	56266.00781	504223.8	5410439.1
L4220.0	504223.8	5410438.3	66969.00000	328.45	0	48.846901	-86.942429	56235.92	56234.9	15.08	56251.00	56249.69141	56257.96194	56270.08594	504223.8	5410438.3
L4220.0	504223.8	5410437.2	66969.10156	328.45	0	48.846891	-86.942429	56235.07	56234.9	15.08	56250.15	56248.83594	56250.50149	56262.74609	504223.8	5410437.2
L4220.0	504223.7	5410436.3	66969.20313	329.47	0	48.846883	-86.942430	56234.63	56234.9	15.08	56249.71	56248.38672	56250.71907	56263.08203	504223.7	5410436.3
L4220.0	504223.7	5410436.3	66969.29688	328.77	0	48.846883	-86.942430	56233.94	56234.9	15.08	56249.02	56247.69141	56246.23196	56258.71094	504223.7	5410436.3
L4220.0	504223.7	5410434.7	66969.39844	328.20	0	48.846868	-86.942431	56233.72	56234.9	15.08	56248.81	56247.47266	56250.77146	56263.36719	504223.7	5410434.7
L4220.0	504223.6	5410434.0	66969.50000	326.78	0	48.846862	-86.942431	56233.23	56234.9	15.08	56248.31	56246.96484	56249.84373	56262.55859	504223.6	5410434.0
L4220.0	504223.6	5410434.0	66969.50000	326.78	0	48.846862	-86.942431	56232.45	56234.9	15.08	56247.54	56246.18750	56243.79002	56256.62109	504223.6	5410434.0
L4220.0	504223.6	5410432.9	66969.70313	330.24	0	48.846853	-86.942432	56232.11	56234.9	15.09	56247.20	56245.83984	56245.85530	56258.80078	504223.6	5410432.9
L4220.0	504223.5	5410432.1	66969.79688	331.03	0	48.846845	-86.942432	56231.27	56234.9	15.09	56246.36	56244.99219	56238.40496	56251.46484	504223.5	5410432.1
L4220.0	504223.5	5410431.1	66969.89844	328.40	0	48.846836	-86.942433	56230.93	56234.9	15.09	56246.01	56244.63672	56240.24088	56253.41406	504223.5	5410431.1
L4220.0	504223.5	5410431.1	66970.00000	329.37	0	48.846836	-86.942433	56230.14	56234.9	15.09	56245.23	56243.84766	56233.84798	56247.13672	504223.5	5410431.1
L4220.0	504223.5	5410430.5	66970.10156	331.14	0	48.846830	-86.942433	56229.95	56234.9	15.08	56245.04	56243.65234	56238.69803	56252.10156	504223.5	5410430.5
L4220.0	504223.4	5410429.6	66970.20313	331.23	0	48.846823	-86.942434	56229.61	56234.9	15.08	56244.69	56243.29688	56240.47115	56253.98828	504223.4	5410429.6
L4220.0	504223.4	5410428.6	66970.29688	332.84	0	48.846814	-86.942435	56228.98	56234.9	15.07	56244.06	56242.65625	56236.83552	56250.46484	504223.4	5410428.6
L4220.0	504223.4	5410428.6	66970.39844	330.69	0	48.846814	-86.942435	56228.68	56234.9	15.07	56243.75	56242.33984	56239.31716	56253.05859	504223.4	5410428.6
L4220.0	504223.3	5410427.7	66970.50000	329.46	0	48.846806	-86.942435	56227.75	56234.9	15.07	56242.82	56241.40234	56229.79781	56243.64844	504223.3	5410427.7
L4220.0	504223.3	5410427.0	66970.60156	329.02	0	48.846799	-86.942436	56227.62	56234.9	15.06	56242.68	56241.25781	56235.48646	56249.44922	504223.3	5410427.0
L4220.0	504223.3	5410427.0	66970.70313	329.15	0	48.846799	-86.942436	56226.84	56234.9	15.06	56241.89	56240.46094	56228.55207	56242.62500	504223.3	5410427.0
L4220.0	504223.3	5410425.9	66970.79688	329.09	0	48.846789	-86.942436	56226.62	56234.9	15.05	56241.67	56240.23438	56232.61573	56246.79688	504223.3	5410425.9
L4220.0	504223.2	5410424.9	66970.89844	328.84	0	48.846781	-86.942437	56225.95	56235	15.04	56240.99	56239.54688	56227.69608	56241.98828	504223.2	5410424.9
L4220.0	504223.2	5410424.3	66971.00000	329.14	0	48.846775	-86.942437	56225.75	56235	15.04	56240.79	56239.33984	56232.05927	56246.46094	504223.2	5410424.3
L4220.0	504223.2	5410424.3	66971.10156	328.54	0	48.846775	-86.942437	56225.18	56235	15.04	56240.22	56238.76172	56229.16285	56243.67188	504223.2	5410424.3
L4220.0	504223.2	5410423.7	66971.20313	329.19	0	48.846770	-86.942438	56224.45	56235	15.04	56239.49	56238.02344	56223.07836	56237.69531	504223.2	5410423.7
L4220.0	504223.1	5410422.7	66971.29688	328.43	0	48.846760	-86.942438	56224.26	56235	15.04	56239.30	56237.82813	56227.47110	56242.19531	504223.1	5410422.7
L4220.0	504223.1	5410422.7	66971.39844	328.99	0	48.846760	-86.942438	56223.56	56235	15.04	56238.60	56237.12109	56221.83624	56236.66797	504223.1	5410422.7
L4220.0	504223.1	5410421.8	66971.50000	329.34	0	48.846752	-86.942439	56223.40	56235	15.04	56238.44	56236.95313	56226.68864	56241.62500	504223.1	5410421.8
L4220.0	504223.0	5410421.1	66971.50000	329.34	0	48.846746	-86.942439	56222.81	56235	15.04	56237.86	56236.36719	56223.25801	56238.30078	504223.0	5410421.1
L4220.0	504223.0	5410421.1	66971.70313	329.20	0	48.846746	-86.942439	56222.48	56235	15.05	56237.52	56236.01953	56224.44714	56239.59375	504223.0	5410421.1
L4220.0	504223.0	5410420.0	66971.79688	330.77	0	48.846736	-86.942440	56222.02	56235	15.05	56237.06	56235.55078	56223.21214	56238.46484	504223.0	5410420.0
L4220.0	504222.9	5410419.5	66971.89844	332.00	0	48.846732	-86.942441	56221.62	56235	15.05	56236.67	56235.15625	56223.26746	56238.62500	504222.9	5410419.5
L4220.0	504222.9	5410419.5	66972.00000	330.52	0	48.846732	-86.942441	56221.25	56234.9	15.05	56236.30	56234.77734	56223.63170	56239.09375	504222.9	5410419.5
L4220.0	504222.9	5410418.6	66972.10156	329.55	0	48.846724	-86.942442	56220.66	56234.9	15.05	56235.71	56234.18359	56219.61171	56235.17578	504222.9	5410418.6
L4220.0	504222.8	5410418.0	66972.20313	330.63	0	48.846718	-86.942442	56220.78	56234.9	15.05	56235.83	56234.29688	56229.37348	56245.03906	504222.8	5410418.0
L4220.0	504222.8	5410417.1	66972.29688	330.93	0	48.846710	-86.942443	56220.26	56234.9	15.05	56235.31	56233.76953	56226.54155	56242.31250	504222.8	5410417.1
L4220.0	504222.8	5410417.1	66972.39844	328.72	0	48.846710	-86.942443	56220.18	56234.9	15.05	56235.23	56233.67969	56232.20080	56248.07031	504222.8	5410417.1
L4220.0	504222.7	5410416.4	66972.50000	328.72	0	48.846704	-86.942443	56219.63	56234.9	15.05	56234.68	56233.12500	56228.59609	56244.57031	504222.7	5410416.4
L4220.0	504222.7	5410416.4	66972.60156	328.56	0	48.846704	-86.942443	56219.68	56234.9	15.05	56234.73	56233.16797	56236.58487	56252.66016	504222.7	5410416.4
L4220.0	504222.7	5410415.7	66972.70313	327.01	0	48.846698	-86.942444	56219.13	56234.9	15.05	56234.18	56232.60938	56232.78389	56248.95703	504222.7	5410415.7
L4220.0	504222.7	5410415.7	66972.79688	327.87	0	48.846698	-86.942444	56218.45	56234.9	15.05	56233.50	56231.92578	56226.35733	56242.63281	504222.7	5410415.7
L4220.0	504222.6	5410415.1	66972.89844	328.58	0	48.846692	-86.942445	56218.14	56234.9	15.05	56233.19	56231.60938	56227.02869	56243.40234	504222.6	5410415.1
L4220.0	504222.6	5410414.4	66973.00000	329.51	0	48.846686	-86.942446	56217.42	56234.9	15.05	56232.47	56230.88281	56219.63063	56236.10547	504222.6	5410414.4
L4220.0	504222.5	5410413.8	66973.10156	331.61	0	48.846680	-86.942447	56217.27	56234.9	15.05	56232.33	56230.73438	56223.39454	56239.96484	504222.5	5410413.8
L4220.0	504222.5	5410413.8	66973.20313	331.17	0	48.846680	-86.942447	56216.82	56234.9	15.06	56231.87	56230.26953	56220.84072	56237.51172	504222.5	5410413.8
L4220.0	504222.4	5410413.1	66973.29688	329.69	0	48.846674	-86.942448	56216.69	56234.9	15.06	56231.75	56230.14063	56224.76768	56241.53516	504222.4	5410413.1
L4220.0	504222.4	5410412.6	66973.39844	329.37	0	48.846670	-86.942449	56216.17	56234.9	15.06	56231.23	56229.61328	56220.83979	56237.70703	504222.4	5410412.6
L4220.0	504222.3	5410412.2	66973.50000	330.36	0	48.846666	-86.942449	56215.90	56234.9	15.07	56230.96	56229.33984	56221.63945	56238.60156	504222.3	5410412.2
L4220.0	504222.3	5410412.2	66973.50000	330.36	0	48.846666	-86.942449	56215.54	56234.9	15.07	56230.60	56228.97266	56220.58989	56237.64844	504222.3	5410412.2
L4220.0	504222.2	5410411.5	66973.70313	327.07	0	48.846660	-86.942450	56215.24	56234.9	15.07	56230.31	56228.67578	56220.77834	56237.93359	504222.2	5410411.5
L4220.0	504222.2	5410411.5	66973.79688	329.47	0	48.846660	-86.942450	56214.80	56234.9	15.07	56229.87	56228.23047	56217.97209	56235.22656	504222.2	5410411.5
L4220.0	504222.2	5410411.0	66973.89844	330.86	0	48.846655	-86.942451	56213.81	56234.9	15.08	56228.88	56227.23047	56204.52351	56221.87109	504222.2	5410411.0
L4220.0	504222.1	5410410.4	66974.00000	330.39	0	48.846650	-86.942452	56213.72	56234.9	15.08	56228.80	56227.14453	56208.42442	56225.86719	504222.1	5410410.4
L4220.0	504222.1	5410410.0	66974.10156	329.42	0	48.846646	-86.942453	56213.55	56234.9	15.08	56228.63	56226.96875	56210.47762	56228.01563	504222.1	5410410.0
L4220.0	504222.1	5410410.0	66974.20313	327.78	0	48.846646	-86.942453	56213.66	56234.9	15.08	56228.73	56227.06250	56217.54129	56235.17578	504222.1	5410410.0
L4220.0	504222.0	5410409.5	66974.29688	328.78	0	48.846641	-86.942453	56213.34	56234.9	15.07	56228.41	56226.73828	56216.48464	56234.21484	504222.0	5410409.5
L4220.0	504222.0	5410409.0	66974.39844	330.46	0	48.846638	-86.942453	56213.32	56234.9	15.07	56228.40	56226.71875	56221.18089	56239.00391	504222.0	5410409.0
L4220.0	504222.0	5410409.0	66974.50000	329.54	0	48.846638	-86.942453	56212.99	56234.9	15.07	56228.06	56226.37500	56219.50983	56237.42578	504222.0	5410409.0
L4220.0	504222.0	5410408.6	66974.60156	329.56	0	48.846634	-86.942454	56212.37	56234.9	15.07	56227.43	56225.73828	56212.27340	56230.28516	504222.0	5410408.6
L4220.0	504222.0	5410408.1	66974.70313	327.95	0	48.846629	-86.942454	56211.96	56234.9	15.07	56227.03	56225.33203	56209.26928	56227.37500	504222.0	5410408.1
L4220.0	504222.0	5410408.1	66974.79688	327.11	0	48.846629	-86.942454	56211.50	56234.9	15.06	56226.57	56224.86328	56205.03084	56223.23047	504222.0	5410408.1
L4220.0	504222.0	5410407.7	66974.89844	326.17	0	48.846626	-86.942454	56211.40	56234.9	15.06	56226.46	56224.75000	56207.23148	56225.52344	504222.0	5410407.7
L4220.0	504221.9	5410407.3	66975.00000	324.94	0	48.846622	-86.942454	56211.05	56234.9	15.06	56226.11	56224.39063	56204.81563	56223.19922	504221.9	5410407.3
L4220.0	504221.9	5410407.3	66975.10156	326.25	0	48.846622	-86.942454	56210.97	56234.9	15.06	56226.03	56224.30469	56207.32425	56225.80078	504221.9	5410407.3
L4220.0	504221.9	5410406.9	66975.20313	326.08	0	48.846619	-86.942455	56210.88	56234.9	15.06	56225.94	56224.21094	56209.52210	56228.09375	504221.9	5410406.9
L4220.0	504221.9	5410406.9	66975.29688	326.90	0	48.846619	-86.942455	56210.82	56234.9	15.06	56225.88	56224.14453	56212.16256	56230.82422	504221.9	5410406.9
L4220.0	504221.9	5410406.6	66975.39844	326.74	0	48.846615	-86.942455	56210.46	56234.9	15.06	56225.52	56223.77734	56209.06472	56227.82031	504221.9	5410406.6
L4220.0	504221.9	5410406.3	66975.50000	327.33	0	48.846613	-86.942455	56210.20	56234.9	15.06	56225.25	56223.50000	56207.52606	56226.37109	504221.9	5410406.3
L4220.0	504221.8	5410406.0	66975.50000	327.33	0	48.846610	-86.942456	56209.78	56234.9	15.06	56224.83	56223.07422	56203.03191	56221.96875	504221.8	5410406.0
L4220.0	504221.8	5410406.0	66975.70313	330.61	0	48.846610	-86.942456	56209.56	56234.9	15.05	56224.62	56222.85938	56202.36275	56221.39063	504221.8	5410406.0
L4220.0	504221.8	5410405.6	66975.79688	330.63	0	48.846607	-86.942456	56209.18	56234.9	15.05	56224.23	56222.46094	56198.15159	56217.27344	504221.8	5410405.6
L4220.0	504221.8	5410405.3	66975.89844	329.96	0	48.846604	-86.942457	56208.77	56234.9	15.05	56223.82	56222.04688	56193.40660	56212.61719	504221.8	5410405.3
L4220.0	504221.8	5410405.3	66976.00000	328.78	0	48.846604	-86.942457	56208.86	56234.9	15.05	56223.91	56222.12891	56198.08867	56217.39063	504221.8	5410405.3
L4220.0	504221.7	5410405.1	66976.10156	328.21	0	48.846602	-86.942457	56208.46	56234.9	15.05	56223.51	56221.72266	56193.26320	56212.66016	504221.7	5410405.1
L4220.0	504221.7	5410404.9	66976.20313	329.07	0	48.846600	-86.942457	56208.52	56234.9	15.05	56223.57	56221.77734	56197.19118	56216.67578	504221.7	5410404.9
L4220.0	504221.7	5410404.7	66976.29688	330.85	0	48.846599	-86.942458	56208.44	56234.9	15.06	56223.50	56221.70313	56198.52342	56218.10156	504221.7	5410404.7
L4220.0	504221.7	5410404.7	66976.39844	331.56	0	48.846599	-86.942458	56208.65	56234.9	15.06	56223.71	56221.90625	56205.25420	56224.92188	504221.7	5410404.7
L4220.0	504221.7	5410404.5	66976.50000	330.31	0	48.846597	-86.942458	56208.32	56234.9	15.06	56223.38	56221.57031	56201.31876	56221.07813	504221.7	5410404.5
L4220.0	504221.6	5410404.3	66976.60156	330.85	0	48.846595	-86.942459	56207.86	56234.9	15.06	56222.92	56221.10547	56194.66005	56214.51172	504221.6	5410404.3
L4220.0	504221.6	5410404.2	66976.70313	330.03	0	48.846594	-86.942459	56207.81	56234.9	15.06	56222.87	56221.04688	56196.00364	56215.94531	504221.6	5410404.2
L4220.0	504221.6	5410404.2	66976.79688	330.46	0	48.846594	-86.942459	56207.88	56234.9	15.07	56222.94	56221.11328	56199.67835	56219.71094	504221.6	5410404.2
L4270.0	504271.2	5410319.2	66740.89844	331.41	0	48.845829	-86.941784	56109.06	56235.1	14.88	56123.94	56127.01953	56018.03468	56066.38281	504271.2	5410319.2
L4270.0	504271.2	5410319.2	66741.00000	331.89	0	48.845829	-86.941784	56109.84	56235.1	14.88	56124.72	56127.71875	56024.39794	56072.09766	504271.2	5410319.2

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4270.0	504271.2	5410319.9	66741.10156	331.09	0	48.845836	-86.941783	56110.36	56235.1	14.88	56125.24	56128.15625	56024.76752	56071.82031	504271.2	5410319.9
L4270.0	504271.3	5410320.9	66741.20313	331.90	0	48.845844	-86.941783	56111.39	56235.1	14.88	56126.26	56129.09375	56035.25069	56081.65625	504271.3	5410320.9
L4270.0	504271.3	5410320.9	66741.29688	331.11	0	48.845844	-86.941783	56112.25	56235.1	14.87	56127.12	56129.87500	56041.85099	56087.60938	504271.3	5410320.9
L4270.0	504271.3	5410321.6	66741.39844	331.39	0	48.845851	-86.941783	56113.28	56235.1	14.87	56128.15	56130.82422	56051.45793	56096.57031	504271.3	5410321.6
L4270.0	504271.3	5410322.7	66741.50000	329.66	0	48.845860	-86.941782	56114.42	56235.1	14.87	56129.29	56131.88281	56062.75465	56107.22266	504271.3	5410322.7
L4270.0	504271.3	5410322.7	66741.50000	329.66	0	48.845860	-86.941782	56115.04	56235.1	14.87	56129.91	56132.42188	56063.04220	56106.86328	504271.3	5410322.7
L4270.0	504271.3	5410323.5	66741.70313	328.95	0	48.845868	-86.941782	56116.09	56235.1	14.87	56130.96	56133.39453	56071.52569	56114.70703	504271.3	5410323.5
L4270.0	504271.3	5410323.5	66741.79688	328.56	0	48.845868	-86.941782	56117.18	56235.1	14.86	56132.04	56134.39453	56080.06393	56122.60156	504271.3	5410323.5
L4270.0	504271.4	5410324.6	66741.89844	327.82	0	48.845878	-86.941782	56118.14	56235.1	14.86	56133.01	56135.28125	56085.93425	56127.82813	504271.4	5410324.6
L4270.0	504271.4	5410325.6	66742.00000	328.73	0	48.845886	-86.941781	56119.38	56235.1	14.86	56134.24	56136.43359	56113.08376	56154.33984	504271.4	5410325.6
L4270.0	504271.4	5410326.4	66742.10156	327.53	0	48.845894	-86.941781	56120.02	56235.1	14.86	56134.88	56136.99219	56109.37689	56149.99219	504271.4	5410326.4
L4270.0	504271.4	5410326.4	66742.20313	327.98	0	48.845894	-86.941781	56120.60	56235.1	14.86	56135.46	56137.49219	56103.66652	56143.64453	504271.4	5410326.4
L4270.0	504271.4	5410327.5	66742.29688	325.96	0	48.845904	-86.941780	56121.48	56235.1	14.87	56136.34	56138.29297	56105.04074	56144.38672	504271.4	5410327.5
L4270.0	504271.5	5410328.5	66742.39844	325.02	0	48.845913	-86.941780	56122.39	56235.1	14.87	56137.26	56139.13672	56106.84188	56145.55078	504271.5	5410328.5
L4270.0	504271.5	5410328.5	66742.50000	324.81	0	48.845913	-86.941780	56123.40	56235.1	14.87	56138.27	56140.06641	56110.30950	56148.38672	504271.5	5410328.5
L4270.0	504271.5	5410329.6	66742.60156	323.64	0	48.845923	-86.941779	56124.86	56235.1	14.87	56139.73	56141.44922	56124.28555	56161.73047	504271.5	5410329.6
L4270.0	504271.5	5410329.6	66742.70313	323.46	0	48.845923	-86.941779	56125.76	56235.1	14.87	56140.63	56142.26953	56123.94371	56160.76172	504271.5	5410329.6
L4270.0	504271.6	5410330.6	66742.79688	323.53	0	48.845932	-86.941779	56127.09	56235.1	14.88	56141.97	56143.53125	56133.90980	56170.10547	504271.6	5410330.6
L4270.0	504271.6	5410331.6	66742.89844	323.29	0	48.845941	-86.941778	56128.39	56235.1	14.88	56143.26	56144.74219	56142.21762	56177.78906	504271.6	5410331.6
L4270.0	504271.6	5410331.6	66743.00000	322.35	0	48.845941	-86.941778	56129.45	56235.1	14.88	56144.33	56145.73438	56144.75389	56179.70313	504271.6	5410331.6
L4270.0	504271.6	5410332.7	66743.10156	322.44	0	48.845951	-86.941778	56130.20	56235.1	14.88	56145.08	56146.40625	56139.03536	56173.36328	504271.6	5410332.7
L4270.0	504271.7	5410333.9	66743.20313	324.64	0	48.845961	-86.941777	56131.52	56235.1	14.88	56146.40	56147.65234	56147.03805	56180.75391	504271.7	5410333.9
L4270.0	504271.7	5410334.5	66743.29688	325.82	0	48.845967	-86.941777	56132.28	56235.1	14.88	56147.16	56148.33594	56140.79378	56173.89453	504271.7	5410334.5
L4270.0	504271.7	5410334.5	66743.39844	327.58	0	48.845967	-86.941777	56133.44	56235.1	14.88	56148.32	56149.41797	56144.21379	56176.70313	504271.7	5410334.5
L4270.0	504271.8	5410335.6	66743.50000	326.84	0	48.845977	-86.941776	56134.66	56235.1	14.88	56149.54	56150.56250	56148.92096	56180.80469	504271.8	5410335.6
L4270.0	504271.8	5410336.5	66743.50000	326.84	0	48.845985	-86.941776	56135.70	56235.1	14.88	56150.58	56151.52734	56148.79177	56180.07031	504271.8	5410336.5
L4270.0	504271.8	5410336.5	66743.70313	329.20	0	48.845985	-86.941776	56136.63	56235.1	14.88	56151.51	56152.38281	56144.76411	56175.44141	504271.8	5410336.5
L4270.0	504271.8	5410337.4	66743.79688	330.16	0	48.845993	-86.941775	56137.80	56235.1	14.88	56152.68	56153.47656	56148.16032	56178.24219	504271.8	5410337.4
L4270.0	504271.9	5410338.5	66743.89844	332.56	0	48.846002	-86.941775	56138.78	56235.1	14.88	56153.66	56154.38281	56147.65256	56177.13672	504271.9	5410338.5
L4270.0	504271.9	5410339.6	66744.00000	332.33	0	48.846013	-86.941774	56139.79	56235.1	14.88	56154.67	56155.31641	56147.51113	56176.40625	504271.9	5410339.6
L4270.0	504271.9	5410340.6	66744.10156	330.90	0	48.846022	-86.941774	56141.12	56235.1	14.88	56156.00	56156.57422	56153.61923	56181.92578	504271.9	5410340.6
L4270.0	504271.9	5410340.6	66744.20313	331.53	0	48.846022	-86.941774	56142.25	56235.1	14.88	56157.13	56157.62891	56155.57607	56183.30078	504271.9	5410340.6
L4270.0	504272.0	5410341.8	66744.29688	329.78	0	48.846033	-86.941773	56143.84	56235.1	14.88	56158.72	56159.14844	56166.84517	56193.98828	504272.0	5410341.8
L4270.0	504272.0	5410342.8	66744.39844	329.25	0	48.846042	-86.941773	56145.03	56235.1	14.88	56159.91	56160.26563	56169.81939	56196.38672	504272.0	5410342.8
L4270.0	504272.0	5410342.8	66744.50000	330.21	0	48.846042	-86.941773	56145.74	56235.1	14.88	56160.62	56160.90234	56162.64420	56188.63672	504272.0	5410342.8
L4270.0	504272.0	5410344.1	66744.60156	332.06	0	48.846053	-86.941772	56146.96	56235.1	14.88	56161.84	56162.05078	56165.92439	56191.35156	504272.0	5410344.1
L4270.0	504272.1	5410344.9	66744.70313	331.94	0	48.846061	-86.941772	56147.96	56235.1	14.88	56162.84	56162.98047	56164.46647	56189.32813	504272.1	5410344.9
L4270.0	504272.1	5410345.8	66744.79688	331.86	0	48.846069	-86.941772	56149.16	56235.1	14.88	56164.04	56164.10938	56167.08731	56191.38672	504272.1	5410345.8
L4270.0	504272.1	5410345.8	66744.89844	332.32	0	48.846069	-86.941772	56150.24	56235.1	14.88	56165.12	56165.12109	56167.08088	56190.82422	504272.1	5410345.8
L4270.0	504272.1	5410347.2	66745.00000	332.89	0	48.846081	-86.941771	56151.43	56235.1	14.88	56166.31	56166.24219	56169.29117	56192.48438	504272.1	5410347.2
L4270.0	504272.1	5410347.2	66745.10156	332.75	0	48.846081	-86.941771	56152.57	56235.1	14.88	56167.46	56167.32031	56170.57769	56193.22266	504272.1	5410347.2
L4270.0	504272.1	5410349.6	66745.20313	331.31	0	48.846103	-86.941771	56153.63	56235.1	14.88	56168.51	56168.30469	56169.71045	56191.81250	504272.1	5410349.6
L4270.0	504272.1	5410349.6	66745.29688	330.70	0	48.846103	-86.941771	56154.85	56235.1	14.89	56169.73	56169.45703	56172.32609	56193.88672	504272.1	5410349.6
L4270.0	504272.2	5410350.6	66745.39844	329.84	0	48.846111	-86.941771	56155.86	56235.1	14.89	56170.74	56170.39844	56170.55336	56191.58203	504272.2	5410350.6
L4270.0	504272.2	5410351.9	66745.50000	330.07	0	48.846123	-86.941770	56157.27	56235.1	14.89	56172.16	56171.75391	56177.17297	56197.66797	504272.2	5410351.9
L4270.0	504272.2	5410352.9	66745.50000	330.07	0	48.846132	-86.941770	56158.44	56235.1	14.89	56173.33	56172.85547	56178.61262	56198.58203	504272.2	5410352.9
L4270.0	504272.2	5410352.9	66745.70313	329.94	0	48.846132	-86.941770	56159.60	56235.1	14.89	56174.49	56173.94922	56179.83042	56199.28125	504272.2	5410352.9
L4270.0	504272.2	5410354.0	66745.79688	328.29	0	48.846142	-86.941770	56160.74	56235.1	14.90	56175.63	56175.02344	56180.63968	56199.57422	504272.2	5410354.0
L4270.0	504272.2	5410355.2	66745.89844	329.17	0	48.846153	-86.941769	56162.02	56235.1	14.90	56176.92	56176.25000	56184.44938	56202.87109	504272.2	5410355.2
L4270.0	504272.3	5410356.3	66746.00000	327.30	0	48.846163	-86.941769	56163.07	56235.1	14.90	56177.97	56177.23828	56183.47968	56201.39453	504272.3	5410356.3
L4270.0	504272.3	5410356.3	66746.10156	326.68	0	48.846163	-86.941769	56164.03	56235.1	14.90	56178.93	56178.13281	56180.77766	56198.19141	504272.3	5410356.3
L4270.0	504272.3	5410357.4	66746.20313	327.01	0	48.846173	-86.941769	56165.42	56235.1	14.90	56180.32	56179.46094	56186.58840	56203.50781	504272.3	5410357.4
L4270.0	504272.3	5410357.4	66746.29688	327.07	0	48.846173	-86.941769	56166.33	56235.1	14.90	56181.23	56180.30859	56183.00112	56199.42969	504272.3	5410357.4
L4270.0	504272.3	5410358.7	66746.39844	325.76	0	48.846185	-86.941769	56167.56	56235.1	14.90	56182.46	56181.47656	56185.73259	56201.67188	504272.3	5410358.7
L4270.0	504272.3	5410360.1	66746.50000	325.15	0	48.846197	-86.941769	56168.76	56235.1	14.90	56183.66	56182.61719	56187.92069	56203.37891	504272.3	5410360.1
L4270.0	504272.3	5410361.3	66746.60156	325.52	0	48.846208	-86.941768	56169.99	56235.1	14.90	56184.89	56183.78906	56190.74612	56205.72656	504272.3	5410361.3
L4270.0	504272.3	5410362.1	66746.70313	327.06	0	48.846215	-86.941768	56171.04	56235.1	14.90	56185.94	56184.77734	56190.12544	56204.63281	504272.3	5410362.1
L4270.0	504272.3	5410362.1	66746.79688	326.83	0	48.846215	-86.941768	56172.32	56235.1	14.90	56187.22	56186.00000	56194.05525	56208.09766	504272.3	5410362.1
L4270.0	504272.3	5410363.5	66746.89844	328.92	0	48.846227	-86.941768	56173.34	56235.1	14.90	56188.24	56186.96094	56192.98320	56206.56250	504272.3	5410363.5
L4270.0	504272.3	5410365.1	66747.00000	327.47	0	48.846242	-86.941768	56174.55	56235.1	14.90	56189.45	56188.11328	56195.70004	56208.82422	504272.3	5410365.1
L4270.0	504272.3	5410365.1	66747.10156	328.08	0	48.846242	-86.941768	56175.66	56235.1	14.90	56190.56	56189.16797	56196.53913	56209.21094	504272.3	5410365.1
L4270.0	504272.3	5410366.4	66747.20313	329.24	0	48.846253	-86.941768	56176.75	56235.1	14.90	56191.64	56190.19141	56196.86685	56209.09375	504272.3	5410366.4
L4270.0	504272.4	5410367.8	66747.29688	329.38	0	48.846266	-86.941768	56177.79	56235.1	14.90	56192.69	56191.18750	56196.68000	56208.46484	504272.4	5410367.8
L4270.0	504272.4	5410369.0	66747.39844	328.57	0	48.846277	-86.941768	56179.13	56235.1	14.90	56194.02	56192.46094	56202.13756	56213.48828	504272.4	5410369.0
L4270.0	504272.4	5410369.0	66747.50000	329.61	0	48.846277	-86.941768	56180.09	56235.1	14.89	56194.98	56193.36719	56200.33634	56211.25391	504272.4	5410369.0
L4270.0	504272.4	5410370.3	66747.50000	329.61	0	48.846289	-86.941767	56181.34	56235.1	14.89	56196.23	56194.56641	56204.41368	56214.91016	504272.4	5410370.3
L4270.0	504272.4	5410371.5	66747.70313	330.21	0	48.846299	-86.941767	56182.24	56235.1	14.89	56197.13	56195.41016	56201.57582	56211.65234	504272.4	5410371.5
L4270.0	504272.4	5410373.1	66747.79688	330.69	0	48.846314	-86.941767	56183.58	56235.1	14.89	56198.47	56196.69922	56207.67285	56217.33203	504272.4	5410373.1
L4270.0	504272.4	5410373.1	66747.89844	330.17	0	48.846314	-86.941767	56184.51	56235.1	14.89	56199.40	56197.57813	56205.61770	56214.86719	504272.4	5410373.1
L4270.0	504272.4	5410374.3	66748.00000	329.86	0	48.846325	-86.941767	56185.83	56235.1	14.89	56200.72	56198.84766	56211.53226	56220.37891	504272.4	5410374.3
L4270.0	504272.4	5410374.3	66748.10156	330.61	0	48.846325	-86.941767	56186.95	56235.1	14.89	56201.83	56199.91016	56213.31061	56221.75781	504272.4	5410374.3
L4270.0	504272.4	5410377.1	66748.20313	330.12	0	48.846350	-86.941767	56188.06	56235.1	14.89	56202.95	56200.98047	56215.39189	56223.44531	504272.4	5410377.1
L4270.0	504272.4	5410377.1	66748.29688	330.62	0	48.846350	-86.941767	56189.12	56235.1	14.89	56204.01	56201.99219	56216.36086	56224.02734	504272.4	5410377.1
L4270.0	504272.3	5410378.4	66748.39844	330.69	0	48.846362	-86.941768	56190.25	56235.1	14.89	56205.14	56203.07422	56218.84591	56226.12891	504272.3	5410378.4
L4270.0	504272.3	5410379.6	66748.50000	328.71	0	48.846373	-86.941768	56191.45	56235.1	14.89	56206.33	56204.21875	56222.63928	56229.54688	504272.3	5410379.6
L4270.0	504272.3	5410379.6	66748.60156	328.07	0	48.846373	-86.941768	56192.41	56235.1	14.89	56207.30	56205.14063	56222.09771	56228.63281	504272.3	5410379.6
L4270.0	504272.3	5410381.1	66748.70313	327.15	0	48.846386	-86.941768	56193.59	56235.1	14.89	56208.48	56206.27734	56225.88128	56232.04688	504272.3	5410381.1
L4270.0	504272.3	5410382.3	66748.79688	325.77	0	48.846397	-86.941769	56194.58	56235.1	14.89	56209.47	56207.22266	56225.95198	56231.75781	504272.3	5410382.3
L4270.0	504272.2	5410383.5	66748.89844	325.92	0	48.846408	-86.941769	56195.73	56235.1	14.89	56210.62	56208.32813	56229.32251	56234.76953	504272.2	5410383.5
L4270.0	504272.2	5410383.5	66749.00000	326.46	0	48.846408	-86.941769	56196.68	56235.1	14.89	56211.57	56209.23438	56228.81078	56233.90625	504272.2	5410383.5
L4270.0	504272.2	5410385.2	66749.10156	324.99	0	48.846423	-86.941770	56197.57	56235.1	14.89	56212.46	56210.08203	56227.23337	56231.98438	504272.2	5410385.2
L4270.0	504272.1	5410386.7	66749.20313	327.33	0	48.846436	-86.941770	56199.06	56235.1	14.89	56213.95	56211.53125	56237.59824	56242.00781	504272.1	5410386.7
L4270.0	504272.1	5410386.7	66749.29688	329.95	0	48.846436	-86.941770	56199.94	56235.1	14.89	56214.83	56212.37109	56236.04249	56240.11719	504272.1	5410386.7
L4270.0	504272.1	5410388.4	66749.39844	329.15	0	48.846452	-86.941771	56200.96	56235.1	14.89	56215.85	56213.34766	56237.35912	56241.10156	504272.1	5410388.4
L4270.0	504272.1	5410389.4	66749.50000	328.47	0	48.846460	-86.941771	56202.04	56235.1	14.89	56216.93	56214.39063	56239.96413	56243.38281	504272.1	5410389.4
L4270.0	504272.0	5410391.0	66749.50000	328.47	0	48.846475	-86.941772	56202.90	56235.1	14.89	56217.79	56215.21094	56238.41704	56241.51563	504272.0	5410391.0
L4270.0	504272.0	5410391.0	66749.70313	328.37	0	48.846475	-86.941772	56203.79	56235.1	14.89	56218.68	56216.06250	56237.59126	56240.37500	504272.0	5410391.0
L4270.0	504272.0	5410392.4	66749.79688	328.37	0	48.846487	-86.941772	56204.75	56235.1	14.89	56219.64	56216.98828	56238.25202	56240.72656	504272.0	5410392.4
L4270.0	504272.0	5410392.4	66749.89844	326.61	0	48.846487	-86.941772	56205.82	56235.1	14.89	56220.71	56218.01953	56241.16702	56243.33594	504272.0	5410392.4
L4270.0	504271.9	5410394.2	66750.00000	327.61	0	48.846504	-86.941773	56206.63	56235.1	14.89	56221.52	56218.79297	56239.17989	56241.05078	504271.9	5410394.2
L4270.0	504271.9	5410395.7	66750.10156	326.77	0	48.846517	-86.941773	56207.78	56235.1	14.89	56222.67	56219.91016	56243.89458	56245.46875	504271.9	5410395.7
L4270.0	504271.9	5410397.2	66750.20313	325.95	0	48.846531	-86.941774	56208.63	56235.1	14.89	56223.51	56220.71484	56242.73394	56244.01953	504271.9	5410397.2
L4270.0	504271.9	5410397.2	66750.29688	325.86	0	48.846531	-86.941774	56209.82	56235.1	14.89	56224.71	56221.88281	56248.67455	56249.67578	504271.9	5410397.2

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4270.0	504271.9	5410398.4	66750.39844	327.06	0	48.846542	-86.941774	56210.64	56235.1	14.89	56225.53	56222.67188	56247.36669	56248.08594	504271.9	5410398.4
L4270.0	504271.9	5410398.4	66750.50000	326.23	0	48.846542	-86.941774	56211.66	56235.1	14.89	56226.55	56223.66016	56250.06524	56250.51172	504271.9	5410398.4
L4270.0	504271.8	5410400.2	66750.60156	327.50	0	48.846558	-86.941775	56212.32	56235.1	14.89	56227.21	56224.28906	56245.86654	56246.04297	504271.8	5410400.2
L4270.0	504271.8	5410401.5	66750.70313	327.89	0	48.846569	-86.941775	56213.50	56235.1	14.89	56228.39	56225.43750	56251.92493	56251.83594	504271.8	5410401.5
L4270.0	504271.8	5410402.8	66750.79688	328.32	0	48.846581	-86.941775	56214.44	56235.1	14.89	56229.33	56226.34766	56253.41783	56253.06641	504271.8	5410402.8
L4270.0	504271.8	5410402.8	66750.89844	328.38	0	48.846581	-86.941775	56215.43	56235.1	14.89	56230.32	56227.30859	56256.00419	56255.39844	504271.8	5410402.8
L4270.0	504271.8	5410404.1	66751.00000	329.58	0	48.846593	-86.941775	56216.36	56235.1	14.89	56231.25	56228.21094	56257.52768	56256.66797	504271.8	5410404.1
L4270.0	504271.8	5410404.1	66751.10156	330.02	0	48.846593	-86.941775	56216.96	56235.1	14.89	56231.86	56228.79297	56252.88910	56251.78516	504271.8	5410404.1
L4270.0	504271.8	5410405.7	66751.20313	329.49	0	48.846607	-86.941775	56218.32	56235.1	14.89	56233.21	56230.11719	56262.85962	56261.51563	504271.8	5410405.7
L4270.0	504271.8	5410406.9	66751.29688	330.12	0	48.846618	-86.941775	56218.84	56235.1	14.89	56233.73	56230.61328	56256.69178	56255.10938	504271.8	5410406.9
L4270.0	504271.7	5410408.4	66751.39844	329.69	0	48.846632	-86.941775	56219.93	56235.1	14.89	56234.82	56231.67578	56261.79550	56259.98047	504271.7	5410408.4
L4270.0	504271.7	5410409.8	66751.50000	328.45	0	48.846644	-86.941775	56220.77	56235.1	14.90	56235.66	56232.49219	56262.12703	56260.08594	504271.7	5410409.8
L4270.0	504271.7	5410409.8	66751.50000	328.45	0	48.846644	-86.941775	56222.02	56235.1	14.90	56236.92	56233.73047	56270.75755	56268.49219	504271.7	5410409.8
L4270.0	504271.7	5410411.8	66751.70313	327.58	0	48.846662	-86.941776	56222.60	56235.1	14.90	56237.50	56234.28516	56266.26246	56263.77734	504271.7	5410411.8
L4270.0	504271.7	5410411.8	66751.79688	326.68	0	48.846662	-86.941776	56223.38	56235.1	14.90	56238.28	56235.04297	56265.79019	56263.08984	504271.7	5410411.8
L4270.0	504271.7	5410413.3	66751.89844	327.40	0	48.846676	-86.941776	56224.21	56235.1	14.90	56239.11	56235.85547	56266.41421	56263.50391	504271.7	5410413.3
L4270.0	504271.7	5410414.8	66752.00000	328.47	0	48.846689	-86.941776	56225.06	56235.1	14.90	56239.96	56236.68359	56267.55021	56264.43750	504271.7	5410414.8
L4270.0	504271.7	5410414.8	66752.10156	329.31	0	48.846689	-86.941776	56225.82	56235.1	14.90	56240.72	56237.42188	56262.90602	56259.58984	504271.7	5410414.8
L4270.0	504271.7	5410416.3	66752.20313	327.66	0	48.846703	-86.941776	56226.54	56235.1	14.90	56241.44	56238.12500	56261.31193	56257.80078	504271.7	5410416.3
L4270.0	504271.7	5410416.3	66752.29688	325.26	0	48.846703	-86.941776	56227.89	56235.1	14.90	56242.80	56239.46484	56276.45689	56272.75391	504271.7	5410416.3
L4270.0	504271.7	5410418.1	66752.39844	325.52	0	48.846718	-86.941776	56228.40	56235.1	14.90	56243.30	56239.94922	56269.58463	56265.69141	504271.7	5410418.1
L4270.0	504271.7	5410419.6	66752.50000	324.77	0	48.846732	-86.941777	56229.39	56235.1	14.91	56244.30	56240.93359	56275.79594	56271.71875	504271.7	5410419.6
L4270.0	504271.6	5410420.8	66752.60156	324.37	0	48.846743	-86.941777	56230.13	56235.1	14.91	56245.04	56241.65625	56275.53646	56271.28125	504271.6	5410420.8
L4270.0	504271.6	5410420.8	66752.70313	322.44	0	48.846743	-86.941777	56230.75	56235.1	14.91	56245.66	56242.26172	56272.42784	56267.99609	504271.6	5410420.8
L4270.0	504271.6	5410422.4	66752.79688	322.44	0	48.846757	-86.941777	56231.67	56235.1	14.91	56246.58	56243.16797	56277.20301	56272.60156	504271.6	5410422.4
L4270.0	504271.6	5410423.7	66752.89844	324.68	0	48.846770	-86.941777	56232.20	56235.1	14.91	56247.11	56243.68359	56272.22776	56267.45703	504271.6	5410423.7
L4270.0	504271.6	5410423.7	66753.00000	326.99	0	48.846770	-86.941777	56233.02	56235.1	14.91	56247.93	56244.49219	56274.86796	56269.93359	504271.6	5410423.7
L4270.0	504271.6	5410425.6	66753.10156	328.05	0	48.846786	-86.941778	56233.71	56235.1	14.91	56248.62	56245.16797	56274.39429	56269.30078	504271.6	5410425.6
L4270.0	504271.6	5410426.9	66753.20313	327.81	0	48.846798	-86.941778	56234.55	56235.1	14.91	56249.47	56246.00781	56278.21672	56272.96875	504271.6	5410426.9
L4270.0	504271.5	5410428.0	66753.29688	327.79	0	48.846808	-86.941778	56234.96	56235.1	14.92	56249.87	56246.39844	56270.71761	56265.32031	504271.5	5410428.0
L4270.0	504271.5	5410429.6	66753.39844	328.21	0	48.846822	-86.941778	56236.04	56235.1	14.92	56250.95	56247.46875	56280.84936	56275.30469	504271.5	5410429.6
L4270.0	504271.5	5410429.6	66753.50000	328.47	0	48.846822	-86.941778	56236.68	56235.1	14.92	56251.60	56248.10938	56280.15140	56274.46484	504271.5	5410429.6
L4270.0	504271.5	5410431.0	66753.50000	328.47	0	48.846835	-86.941778	56237.42	56235.1	14.92	56252.34	56248.83984	56281.96238	56276.13672	504271.5	5410431.0
L4270.0	504271.5	5410432.4	66753.70313	327.02	0	48.846847	-86.941778	56238.09	56235.1	14.92	56253.02	56249.51172	56282.42008	56276.45703	504271.5	5410432.4
L4270.0	504271.5	5410433.8	66753.79688	327.20	0	48.846860	-86.941779	56238.50	56235.1	14.93	56253.43	56249.91406	56276.08076	56269.98828	504271.5	5410433.8
L4270.0	504271.5	5410433.8	66753.89844	329.69	0	48.846860	-86.941779	56239.27	56235.1	14.93	56254.20	56250.67969	56279.23483	56273.01172	504271.5	5410433.8
L4270.0	504271.5	5410435.3	66754.00000	327.79	0	48.846873	-86.941779	56240.02	56235.1	14.93	56254.95	56251.42188	56282.05930	56275.71484	504271.5	5410435.3
L4270.0	504271.4	5410437.0	66754.10156	328.79	0	48.846889	-86.941779	56240.55	56235.1	14.93	56255.48	56251.94922	56279.35608	56272.89063	504271.4	5410437.0
L4270.0	504271.4	5410437.0	66754.20313	329.05	0	48.846889	-86.941779	56241.34	56235.1	14.93	56256.27	56252.73438	56283.57936	56277.00000	504271.4	5410437.0
L4270.0	504271.4	5410438.6	66754.29688	326.47	0	48.846903	-86.941780	56241.99	56235.1	14.93	56256.92	56253.37891	56284.35327	56277.66016	504271.4	5410438.6
L4270.0	504271.4	5410439.9	66754.39844	327.16	0	48.846915	-86.941780	56242.52	56235.1	14.93	56257.45	56253.90625	56282.20362	56275.40234	504271.4	5410439.9
L4270.0	504271.4	5410441.5	66754.50000	327.53	0	48.846929	-86.941780	56243.13	56235.1	14.93	56258.06	56254.51563	56282.31388	56275.40625	504271.4	5410441.5
L4270.0	504271.4	5410441.5	66754.60156	325.77	0	48.846929	-86.941780	56243.89	56235.1	14.93	56258.82	56255.27344	56286.47928	56279.47266	504271.4	5410441.5
L4270.0	504271.4	5410443.2	66754.70313	326.37	0	48.846944	-86.941780	56244.51	56235.1	14.93	56259.44	56255.89453	56287.21236	56280.10547	504271.4	5410443.2
L4270.0	504271.4	5410443.2	66754.79688	328.23	0	48.846944	-86.941780	56244.84	56235.1	14.93	56259.77	56256.22266	56280.69629	56273.49609	504271.4	5410443.2
L4270.0	504271.3	5410445.0	66754.89844	329.06	0	48.846961	-86.941781	56245.93	56235.1	14.93	56260.86	56257.31641	56293.83439	56286.54688	504271.3	5410445.0
L4270.0	504271.3	5410446.7	66755.00000	329.64	0	48.846976	-86.941781	56246.21	56235.1	14.93	56261.14	56257.59766	56286.45168	56279.07422	504271.3	5410446.7
L4270.0	504271.3	5410447.9	66755.10156	328.73	0	48.846987	-86.941781	56246.72	56235.1	14.93	56261.65	56258.10938	56285.15259	56277.69531	504271.3	5410447.9
L4270.0	504271.3	5410447.9	66755.20313	329.87	0	48.846987	-86.941781	56247.80	56235.1	14.93	56262.73	56259.19141	56298.46729	56290.92969	504271.3	5410447.9
L4270.0	504271.3	5410449.8	66755.29688	328.30	0	48.847004	-86.941781	56248.06	56235.1	14.93	56262.99	56259.45703	56291.23413	56283.62109	504271.3	5410449.8
L4270.0	504271.3	5410449.8	66755.39844	325.94	0	48.847004	-86.941781	56248.76	56235.1	14.93	56263.70	56260.16797	56295.54458	56287.85938	504271.3	5410449.8
L4270.0	504271.3	5410451.7	66755.50000	326.37	0	48.847021	-86.941781	56249.20	56235.1	14.94	56264.13	56260.60547	56293.02442	56285.26953	504271.3	5410451.7
L4270.0	504271.3	5410453.3	66755.50000	326.37	0	48.847035	-86.941782	56249.56	56235.1	14.94	56264.49	56260.96875	56288.97762	56281.15625	504271.3	5410453.3
L4270.0	504271.3	5410453.3	66755.70313	324.08	0	48.847035	-86.941782	56250.48	56235.1	14.94	56265.41	56261.89844	56299.07375	56291.19141	504271.3	5410453.3
L4270.0	504271.2	5410454.9	66755.79688	324.23	0	48.847050	-86.941782	56250.56	56235.1	14.94	56265.49	56261.98438	56288.49495	56280.55469	504271.2	5410454.9
L4270.0	504271.2	5410456.7	66755.89844	323.04	0	48.847066	-86.941782	56251.63	56235.1	14.94	56266.56	56263.06250	56302.65197	56294.65625	504271.2	5410456.7
L4270.0	504271.2	5410456.7	66756.00000	324.18	0	48.847066	-86.941782	56251.68	56235.1	14.94	56266.62	56263.12891	56292.02238	56283.97656	504271.2	5410456.7
L4270.0	504271.2	5410457.9	66756.10156	325.08	0	48.847077	-86.941782	56252.52	56235.1	14.94	56267.46	56263.97656	56300.85538	56292.76172	504271.2	5410457.9
L4270.0	504271.2	5410459.8	66756.20313	325.01	0	48.847094	-86.941782	56252.52	56235.1	14.94	56267.46	56263.98828	56289.18208	56281.04297	504271.2	5410459.8
L4270.0	504271.2	5410459.8	66756.29688	326.07	0	48.847094	-86.941782	56253.08	56235.1	14.94	56268.03	56264.56641	56291.75391	56283.57422	504271.2	5410459.8
L4270.0	504271.2	5410461.4	66756.39844	326.88	0	48.847108	-86.941783	56253.85	56235.1	14.94	56268.79	56265.33984	56299.20030	56290.98047	504271.2	5410461.4
L4270.0	504271.2	5410462.7	66756.50000	326.58	0	48.847120	-86.941783	56254.18	56235.1	14.94	56269.13	56265.68750	56296.49985	56288.24609	504271.2	5410462.7
L4270.0	504271.2	5410464.1	66756.60156	325.42	0	48.847133	-86.941783	56254.76	56235.1	14.95	56269.70	56266.26953	56299.66272	56291.37891	504271.2	5410464.1
L4270.0	504271.2	5410464.1	66756.70313	324.21	0	48.847133	-86.941783	56255.22	56235.1	14.95	56270.17	56266.75391	56300.55557	56292.24219	504271.2	5410464.1
L4270.0	504271.1	5410466.3	66756.79688	324.69	0	48.847152	-86.941783	56255.29	56235.1	14.95	56270.24	56266.83594	56291.73370	56283.39453	504271.1	5410466.3
L4270.0	504271.1	5410466.3	66756.89844	325.42	0	48.847152	-86.941783	56256.09	56235.1	14.95	56271.04	56267.64844	56301.17502	56292.81641	504271.1	5410466.3
L4270.0	504271.1	5410467.9	66757.00000	326.54	0	48.847167	-86.941783	56256.08	56235.1	14.95	56271.03	56267.65234	56290.67906	56282.30078	504271.1	5410467.9
L4270.0	504271.1	5410469.6	66757.10156	328.76	0	48.847182	-86.941784	56256.53	56235	14.95	56271.48	56268.11719	56291.77885	56283.38672	504271.1	5410469.6
L4270.0	504271.1	5410469.6	66757.20313	327.74	0	48.847182	-86.941784	56257.16	56235	14.95	56272.12	56268.77344	56297.80331	56289.39844	504271.1	5410469.6
L4270.0	504271.1	5410471.5	66757.29688	327.27	0	48.847199	-86.941784	56257.57	56235	14.95	56272.52	56269.19141	56298.00342	56289.58984	504271.1	5410471.5
L4270.0	504271.1	5410471.5	66757.39844	325.88	0	48.847199	-86.941784	56257.96	56235	14.95	56272.91	56269.59766	56298.11305	56289.69141	504271.1	5410471.5
L4270.0	504271.1	5410473.3	66757.50000	325.59	0	48.847216	-86.941784	56258.11	56235	14.95	56273.06	56269.76172	56292.34363	56283.91797	504271.1	5410473.3
L4270.0	504271.1	5410474.5	66757.50000	325.59	0	48.847226	-86.941784	56258.82	56235	14.95	56273.78	56270.50000	56301.06673	56292.64063	504271.1	5410474.5
L4270.0	504271.1	5410475.9	66757.70313	326.59	0	48.847239	-86.941784	56259.09	56235	14.96	56274.05	56270.78906	56298.61967	56290.19531	504271.1	5410475.9
L4270.0	504271.1	5410475.9	66757.79688	328.08	0	48.847239	-86.941784	56259.51	56235	14.96	56274.47	56271.22656	56300.10390	56291.68359	504271.1	5410475.9
L4270.0	504271.1	5410477.8	66757.89844	329.04	0	48.847256	-86.941784	56259.94	56235	14.96	56274.90	56271.67578	56301.99496	56293.58594	504271.1	5410477.8
L4270.0	504271.1	5410479.1	66758.00000	330.77	0	48.847267	-86.941784	56260.30	56235	14.96	56275.26	56272.05469	56302.27612	56293.87500	504271.1	5410479.1
L4270.0	504271.1	5410479.1	66758.10156	329.59	0	48.847267	-86.941784	56260.98	56235	14.96	56275.94	56272.75391	56310.77894	56302.39063	504271.1	5410479.1
L4270.0	504271.1	5410482.0	66758.20313	327.63	0	48.847293	-86.941784	56260.92	56235	14.96	56275.88	56272.71484	56300.78492	56292.41406	504271.1	5410482.0
L4270.0	504271.1	5410482.0	66758.29688	326.13	0	48.847293	-86.941784	56261.65	56235	14.96	56276.61	56273.46484	56310.86693	56302.51172	504271.1	5410482.0
L4270.0	504271.1	5410483.8	66758.39844	326.57	0	48.847310	-86.941784	56261.61	56235	14.96	56276.57	56273.44531	56301.69492	56293.36328	504271.1	5410483.8
L4270.0	504271.1	5410483.8	66758.50000	326.69	0	48.847310	-86.941784	56261.90	56235	14.96	56276.87	56273.76953	56301.25473	56292.94531	504271.1	5410483.8
L4270.0	504271.1	5410485.0	66758.60156	326.86	0	48.847320	-86.941784	56262.57	56235	14.97	56277.54	56274.46094	56310.32908	56302.04297	504271.1	5410485.0
L4270.0	504271.1	5410486.4	66758.70313	325.47	0	48.847333	-86.941784	56262.81	56235	14.97	56277.77	56274.71094	56308.44631	56300.18750	504271.1	5410486.4
L4270.0	504271.1	5410487.8	66758.79688	322.76	0	48.847345	-86.941783	56263.26	56235	14.97	56278.23	56275.19531	56312.55364	56304.32422	504271.1	5410487.8
L4270.0	504271.1	5410487.8	66758.89844	323.36	0	48.847345	-86.941783	56263.36	56235	14.97	56278.33	56275.32031	56307.67449	56299.48047	504271.1	5410487.8
L4270.0	504271.1	5410489.7	66759.00000	324.26	0	48.847363	-86.941783	56263.59	56235	14.97	56278.56	56275.57031	56306.24027	56298.07813	504271.1	5410489.7
L4270.0	504271.1	5410490.9	66759.10156	325.50	0	48.847374	-86.941783	56264.21	56235	14.97	56279.19	56276.22656	56315.19034	56307.06641	504271.1	5410490.9
L4270.0	504271.2	5410492.6	66759.20313	326.33	0	48.847389	-86.941783	56264.10	56235	14.98	56279.08	56276.14063	56305.33448	56297.24609	504271.2	5410492.6
L4270.0	504271.2	5410492.6	66759.29688	326.76	0	48.847389	-86.941783	56264.52	56235	14.98	56279.50	56276.58594	56309.22091	56301.17578	504271.2	5410492.6
L4270.0	504271.2	5410494.2	66759.39844	327.03	0	48.847404	-86.941782	56264.56	56235	14.99	56279.55	56276.66016	56303.70204	56295.69922	504271.2	5410494.2
L4270.0	504271.2	5410495.9	66759.50000	327.04	0	48.847419	-86.941782	56264.97	56235	14.99	56279.96	56277.09375	56307.63273	56299.67188	504271.2	5410495.9
L4270.0	504271.2	5410495.9	66759.50000	327.04	0	48.847419	-86.941782	56265.20	56235	14.99	56280.19	56277.35156	56308.74891	56300.83594	504271.2	5410495.9

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4270.0	504271.3	5410497.4	66759.70313	329.35	0	48.847432	-86.941781	56265.31	56235	15.00	56280.30	56277.48438	56306.12721	56298.26172	504271.3	5410497.4
L4270.0	504271.3	5410498.8	66759.79688	331.15	0	48.847444	-86.941780	56265.61	56235	15.00	56280.61	56277.82031	56307.45574	56299.63672	504271.3	5410498.8
L4270.0	504271.4	5410500.6	66759.89844	329.99	0	48.847461	-86.941780	56265.61	56235	15.01	56280.62	56277.85938	56303.04590	56295.27734	504271.4	5410500.6
L4270.0	504271.4	5410500.6	66760.00000	329.14	0	48.847461	-86.941780	56266.02	56235	15.01	56281.03	56278.29297	56306.49584	56298.78125	504271.4	5410500.6
L4270.0	504271.4	5410502.0	66760.10156	328.80	0	48.847474	-86.941779	56266.63	56235	15.01	56281.64	56278.92969	56313.95419	56306.29297	504271.4	5410502.0
L4270.0	504271.4	5410503.5	66760.20313	329.43	0	48.847487	-86.941779	56266.47	56235	15.01	56281.48	56278.79688	56306.43947	56298.83203	504271.4	5410503.5
L4270.0	504271.5	5410504.9	66760.29688	328.26	0	48.847499	-86.941778	56266.94	56235	15.01	56281.95	56279.29297	56311.33034	56303.78125	504271.5	5410504.9
L4270.0	504271.5	5410504.9	66760.39844	328.46	0	48.847499	-86.941778	56267.11	56235	15.01	56282.12	56279.49219	56310.41677	56302.92578	504271.5	5410504.9
L4270.0	504271.5	5410506.6	66760.50000	327.21	0	48.847515	-86.941777	56267.06	56235	15.01	56282.07	56279.46875	56305.25783	56297.82422	504271.5	5410506.6
L4270.0	504271.6	5410508.0	66760.60156	326.57	0	48.847528	-86.941777	56267.40	56235	15.01	56282.41	56279.83594	56307.82039	56300.44922	504271.6	5410508.0
L4270.0	504271.6	5410509.4	66760.70313	327.74	0	48.847540	-86.941776	56267.88	56235	15.01	56282.89	56280.34375	56313.18838	56305.87500	504271.6	5410509.4
L4270.0	504271.6	5410509.4	66760.79688	328.05	0	48.847540	-86.941776	56267.78	56235	15.01	56282.79	56280.27344	56307.27372	56300.02344	504271.6	5410509.4
L4270.0	504271.7	5410511.7	66760.89844	327.89	0	48.847561	-86.941776	56268.16	56235	15.01	56283.17	56280.67969	56310.81030	56303.62500	504271.7	5410511.7
L4270.0	504271.7	5410513.3	66761.00000	328.97	0	48.847575	-86.941775	56268.42	56235	15.01	56283.43	56280.96875	56312.06426	56304.94141	504271.7	5410513.3
L4270.0	504271.7	5410513.3	66761.10156	329.50	0	48.847575	-86.941775	56268.21	56235	15.01	56283.23	56280.79688	56304.47087	56297.41406	504271.7	5410513.3
L4270.0	504271.7	5410515.0	66761.20313	328.56	0	48.847591	-86.941775	56268.93	56235	15.01	56283.94	56281.53516	56314.55773	56307.56641	504271.7	5410515.0
L4270.0	504271.8	5410516.7	66761.29688	326.56	0	48.847606	-86.941774	56268.52	56235	15.02	56283.54	56281.16406	56300.23792	56293.31250	504271.8	5410516.7
L4270.0	504271.8	5410516.7	66761.39844	326.84	0	48.847606	-86.941774	56269.34	56235	15.02	56284.35	56282.00000	56316.69431	56309.83594	504271.8	5410516.7
L4270.0	504271.8	5410516.7	66761.50000	327.28	0	48.847606	-86.941774	56269.16	56235	15.02	56284.18	56281.85938	56307.82571	56301.03516	504271.8	5410516.7
L4270.0	504271.8	5410520.1	66761.50000	327.28	0	48.847637	-86.941773	56269.39	56235	15.02	56284.41	56282.11719	56309.40758	56302.68359	504271.8	5410520.1
L4270.0	504271.8	5410520.1	66761.70313	329.39	0	48.847637	-86.941773	56269.62	56235	15.02	56284.64	56282.37500	56311.07228	56304.41797	504271.8	5410520.1
L4270.0	504271.9	5410522.0	66761.79688	328.77	0	48.847654	-86.941773	56269.46	56235	15.03	56284.48	56282.24609	56302.87509	56296.28906	504271.9	5410522.0
L4270.0	504271.9	5410523.7	66761.89844	325.98	0	48.847669	-86.941772	56270.21	56235	15.03	56285.24	56283.03125	56318.19465	56311.67578	504271.9	5410523.7
L4270.0	504271.9	5410524.9	66762.00000	326.83	0	48.847680	-86.941772	56269.69	56235	15.03	56284.72	56282.54297	56301.10187	56294.65234	504271.9	5410524.9
L4270.0	504271.9	5410524.9	66762.10156	326.41	0	48.847680	-86.941772	56270.44	56235	15.03	56285.47	56283.32031	56316.23565	56309.85547	504271.9	5410524.9
L4270.0	504271.9	5410527.0	66762.20313	327.14	0	48.847698	-86.941772	56269.96	56235	15.03	56284.99	56282.86719	56300.43966	56294.13281	504271.9	5410527.0
L4270.0	504271.9	5410528.4	66762.29688	327.44	0	48.847711	-86.941772	56270.69	56235	15.03	56285.72	56283.62500	56315.13573	56308.89844	504271.9	5410528.4
L4270.0	504271.9	5410528.4	66762.39844	325.47	0	48.847711	-86.941772	56270.38	56235	15.03	56285.41	56283.34375	56303.84216	56297.67578	504271.9	5410528.4
L4270.0	504272.0	5410529.9	66762.50000	326.54	0	48.847724	-86.941771	56270.68	56235	15.03	56285.71	56283.67188	56307.88318	56301.78516	504272.0	5410529.9
L4270.0	504272.0	5410531.7	66762.60156	325.17	0	48.847741	-86.941771	56270.84	56235	15.03	56285.87	56283.85938	56308.49679	56302.46875	504272.0	5410531.7
L4270.0	504272.0	5410533.1	66762.70313	323.12	0	48.847753	-86.941771	56270.69	56235	15.03	56285.72	56283.73828	56301.48275	56295.52344	504272.0	5410533.1
L4270.0	504272.0	5410533.1	66762.79688	324.12	0	48.847753	-86.941771	56271.38	56235	15.03	56286.41	56284.45313	56315.38538	56309.49609	504272.0	5410533.1
L4270.0	504272.0	5410535.1	66762.89844	324.12	0	48.847771	-86.941771	56271.13	56235	15.03	56286.15	56284.22266	56305.78963	56299.97266	504272.0	5410535.1
L4270.0	504272.0	5410535.1	66763.00000	325.22	0	48.847771	-86.941771	56271.19	56235	15.03	56286.22	56284.32031	56304.44131	56298.69531	504272.0	5410535.1
L4270.0	504272.0	5410537.2	66763.10156	325.16	0	48.847791	-86.941770	56271.48	56235	15.03	56286.51	56284.63672	56308.60644	56302.92969	504272.0	5410537.2
L4270.0	504272.0	5410537.2	66763.20313	326.43	0	48.847791	-86.941770	56271.54	56235	15.03	56286.57	56284.72266	56307.12884	56301.51953	504272.0	5410537.2
L4270.0	504272.0	5410539.0	66763.29688	327.95	0	48.847806	-86.941771	56271.52	56235	15.04	56286.56	56284.74219	56303.96239	56298.42188	504272.0	5410539.0
L4270.0	504272.0	5410540.4	66763.39844	328.59	0	48.847819	-86.941771	56271.69	56235	15.04	56286.73	56284.93750	56305.31865	56299.84766	504272.0	5410540.4
L4270.0	504272.0	5410540.4	66763.50000	329.35	0	48.847819	-86.941771	56272.14	56235	15.04	56287.18	56285.41406	56313.72321	56308.32031	504272.0	5410540.4
L4270.0	504272.0	5410541.9	66763.50000	329.35	0	48.847832	-86.941771	56271.78	56235	15.04	56286.82	56285.07813	56301.92704	56296.58984	504272.0	5410541.9
L4270.0	504272.0	5410543.3	66763.70313	325.81	0	48.847845	-86.941771	56271.98	56235	15.04	56287.03	56285.31641	56304.42508	56299.15625	504272.0	5410543.3
L4270.0	504272.0	5410543.3	66763.79688	325.35	0	48.847845	-86.941771	56272.17	56235	15.05	56287.21	56285.51953	56306.22122	56301.01563	504272.0	5410543.3
L4270.0	504272.0	5410545.1	66763.89844	326.15	0	48.847861	-86.941771	56272.22	56235	15.05	56287.27	56285.60547	56305.02446	56299.88672	504272.0	5410545.1
L4270.0	504272.0	5410546.5	66764.00000	324.34	0	48.847874	-86.941771	56272.45	56234.9	15.05	56287.50	56285.85938	56308.17479	56303.10156	504272.0	5410546.5
L4270.0	504272.0	5410546.5	66764.10156	325.06	0	48.847874	-86.941771	56272.32	56234.9	15.05	56287.37	56285.75781	56302.17922	56297.17188	504272.0	5410546.5
L4270.0	504272.0	5410548.8	66764.20313	325.31	0	48.847895	-86.941771	56272.83	56234.9	15.05	56287.88	56286.28906	56312.58021	56307.63281	504272.0	5410548.8
L4270.0	504272.0	5410550.4	66764.29688	326.63	0	48.847909	-86.941771	56272.68	56234.9	15.05	56287.73	56286.16406	56306.07732	56301.19531	504272.0	5410550.4
L4270.0	504272.0	5410550.4	66764.39844	328.35	0	48.847909	-86.941771	56272.81	56234.9	15.05	56287.86	56286.32031	56306.78102	56301.96094	504272.0	5410550.4
L4270.0	504272.0	5410552.2	66764.50000	327.59	0	48.847925	-86.941771	56272.78	56234.9	15.05	56287.83	56286.31250	56303.34809	56298.58984	504272.0	5410552.2
L4270.0	504272.0	5410553.8	66764.60156	329.45	0	48.847940	-86.941771	56272.98	56234.9	15.05	56288.03	56286.53516	56306.55360	56301.85547	504272.0	5410553.8
L4270.0	504272.0	5410553.8	66764.70313	330.55	0	48.847940	-86.941771	56273.14	56234.9	15.05	56288.19	56286.71875	56307.70301	56303.06250	504272.0	5410553.8
L4270.0	504272.0	5410555.8	66764.79688	329.91	0	48.847958	-86.941771	56273.47	56234.9	15.05	56288.52	56287.07031	56312.14965	56307.57031	504272.0	5410555.8
L4270.0	504272.0	5410557.7	66764.89844	330.15	0	48.847975	-86.941771	56273.44	56234.9	15.05	56288.49	56287.06250	56309.64442	56305.12109	504272.0	5410557.7
L4270.0	504272.0	5410557.7	66765.00000	332.17	0	48.847975	-86.941771	56273.50	56234.9	15.05	56288.55	56287.14453	56308.87819	56304.41016	504272.0	5410557.7
L4270.0	504272.0	5410559.7	66765.10156	332.09	0	48.847993	-86.941771	56273.57	56235	15.05	56288.62	56287.23828	56308.30530	56303.89453	504272.0	5410559.7
L4270.0	504272.0	5410559.7	66765.20313	328.07	0	48.847993	-86.941771	56273.72	56235	15.05	56288.77	56287.40625	56309.29039	56304.93359	504272.0	5410559.7
L4270.0	504272.0	5410561.6	66765.29688	326.33	0	48.848009	-86.941771	56273.88	56235	15.05	56288.93	56287.58984	56310.47437	56306.17188	504272.0	5410561.6
L4270.0	504272.0	5410563.0	66765.39844	325.93	0	48.848022	-86.941771	56273.81	56235	15.05	56288.85	56287.52734	56306.97435	56302.72266	504272.0	5410563.0
L4270.0	504272.0	5410563.0	66765.50000	326.70	0	48.848022	-86.941771	56274.04	56235	15.04	56289.08	56287.77734	56309.52948	56305.33203	504272.0	5410563.0
L4270.0	504272.0	5410565.0	66765.50000	326.70	0	48.848041	-86.941771	56273.83	56235	15.04	56288.87	56287.58984	56303.47740	56299.32813	504272.0	5410565.0
L4270.0	504272.0	5410567.0	66765.70313	327.43	0	48.848059	-86.941771	56274.11	56235	15.04	56289.15	56287.88672	56307.01488	56302.91406	504272.0	5410567.0
L4270.0	504272.0	5410567.0	66765.79688	325.99	0	48.848059	-86.941771	56274.23	56235	15.04	56289.28	56288.03516	56307.61673	56303.56641	504272.0	5410567.0
L4270.0	504272.0	5410568.7	66765.89844	329.83	0	48.848074	-86.941771	56274.28	56235	15.04	56289.32	56288.09375	56306.45173	56302.44531	504272.0	5410568.7
L4270.0	504272.0	5410570.2	66766.00000	329.42	0	48.848087	-86.941771	56274.55	56235	15.04	56289.59	56288.38281	56309.80206	56305.84375	504272.0	5410570.2
L4270.0	504272.0	5410570.2	66766.10156	331.57	0	48.848087	-86.941771	56274.62	56235	15.04	56289.66	56288.46875	56309.22275	56305.30859	504272.0	5410570.2
L4270.0	504272.0	5410572.6	66766.20313	328.11	0	48.848109	-86.941771	56274.62	56235	15.04	56289.67	56288.49609	56307.45949	56303.58984	504272.0	5410572.6
L4270.0	504272.0	5410573.5	66766.29688	328.29	0	48.848117	-86.941771	56274.52	56235	15.05	56289.56	56288.40234	56303.32798	56299.50000	504272.0	5410573.5
L4270.0	504272.0	5410573.5	66766.39844	328.24	0	48.848117	-86.941771	56274.77	56235	15.05	56289.82	56288.67969	56306.47682	56302.68750	504272.0	5410573.5
L4270.0	504272.0	5410575.2	66766.50000	328.52	0	48.848132	-86.941771	56274.82	56234.9	15.05	56289.87	56288.74609	56305.48530	56301.73438	504272.0	5410575.2
L4270.0	504272.0	5410576.7	66766.60156	328.03	0	48.848146	-86.941771	56274.97	56234.9	15.05	56290.02	56288.91016	56306.45920	56302.75000	504272.0	5410576.7
L4270.0	504272.0	5410578.5	66766.70313	329.79	0	48.848161	-86.941770	56275.32	56234.9	15.05	56290.37	56289.27734	56311.37013	56307.69531	504272.0	5410578.5
L4270.0	504272.0	5410580.2	66766.79688	329.05	0	48.848177	-86.941770	56275.76	56234.9	15.06	56290.82	56289.73828	56318.24357	56314.60547	504272.0	5410580.2
L4270.0	504272.0	5410580.2	66766.89844	329.39	0	48.848177	-86.941770	56275.61	56234.9	15.06	56290.67	56289.60547	56313.27965	56309.67578	504272.0	5410580.2
L4270.0	504272.0	5410582.1	66767.00000	328.11	0	48.848194	-86.941770	56275.46	56234.9	15.06	56290.52	56289.46875	56308.31198	56304.74219	504272.0	5410582.1
L4270.0	504272.1	5410583.5	66767.10156	327.91	0	48.848207	-86.941769	56275.51	56234.9	15.06	56290.57	56289.53125	56307.27640	56303.73828	504272.1	5410583.5
L4270.0	504272.1	5410583.5	66767.20313	328.76	0	48.848207	-86.941769	56275.77	56234.9	15.06	56290.83	56289.80469	56310.35520	56306.84766	504272.1	5410583.5
L4270.0	504272.1	5410585.0	66767.29688	327.09	0	48.848220	-86.941769	56275.71	56234.9	15.06	56290.77	56289.75391	56307.13761	56303.65625	504272.1	5410585.0
L4270.0	504272.1	5410585.0	66767.39844	326.22	0	48.848220	-86.941769	56276.05	56234.9	15.06	56291.11	56290.10547	56311.73762	56308.28516	504272.1	5410585.0
L4270.0	504272.1	5410587.0	66767.50000	328.04	0	48.848238	-86.941769	56275.79	56234.9	15.06	56290.84	56289.84766	56304.41647	56300.99219	504272.1	5410587.0
L4270.0	504272.1	5410588.7	66767.50000	328.04	0	48.848254	-86.941768	56276.02	56234.9	15.06	56291.08	56290.09766	56307.03059	56303.62891	504272.1	5410588.7
L4270.0	504272.2	5410590.5	66767.70313	329.73	0	48.848270	-86.941768	56276.30	56234.9	15.05	56291.35	56290.37891	56310.19387	56306.81641	504272.2	5410590.5
L4270.0	504272.2	5410590.5	66767.79688	331.60	0	48.848270	-86.941768	56276.38	56234.9	15.05	56291.43	56290.46875	56309.66863	56306.31250	504272.2	5410590.5
L4270.0	504272.2	5410592.2	66767.89844	329.80	0	48.848285	-86.941768	56276.18	56234.9	15.05	56291.23	56290.27734	56302.54394	56299.21094	504272.2	5410592.2
L4270.0	504272.2	5410592.2	66768.00000	329.74	0	48.848285	-86.941768	56276.27	56234.9	15.05	56291.32	56290.37500	56302.14085	56298.82813	504272.2	5410592.2
L4270.0	504272.2	5410593.9	66768.10156	329.59	0	48.848301	-86.941768	56276.54	56234.9	15.05	56291.59	56290.65625	56306.34923	56303.05469	504272.2	5410593.9
L4270.0	504272.2	5410595.8	66768.20313	328.20	0	48.848317	-86.941768	56276.64	56234.9	15.06	56291.70	56290.77344	56306.42483	56303.14844	504272.2	5410595.8
L4270.0	504272.2	5410595.8	66768.29688	327.95	0	48.848317	-86.941768	56276.51	56234.9	15.06	56291.57	56290.65234	56300.39947	56297.13672	504272.2	5410595.8
L4270.0	504272.2	5410597.3	66768.39844	325.71	0	48.848331	-86.941768	56276.71	56234.9	15.07	56291.78	56290.86719	56303.01696	56299.76953	504272.2	5410597.3
L4270.0	504272.2	5410599.3	66768.50000	326.05	0	48.848349	-86.941768	56277.02	56234.9	15.07	56292.09	56291.18359	56308.11898	56304.88281	504272.2	5410599.3
L4270.0	504272.2	5410600.7	66768.60156	325.60	0	48.848362	-86.941768	56277.24	56234.9	15.07	56292.31	56291.41016	56310.91687	56307.69531	504272.2	5410600.7
L4270.0	504272.2	5410600.7	66768.70313	325.32	0	48.848362	-86.941768	56277.35	56234.9	15.08	56292.43	56291.53516	56311.19450	56307.98438	504272.2	5410600.7
L4270.0	504272.2	5410602.7	66768.79688	324.55	0	48.848379	-86.941768	56277.30	56234.9	15.08	56292.38	56291.49219	56307.24760	56304.04688	504272.2	5410602.7
L4270.0	504272.2	5410602.7	66768.89844	324.09	0	48.848379	-86.941768	56277.48	56234.9	15.09	56292.57	56291.68359	56309.26551	56306.07031	504272.2	5410602.7

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4270.0	504272.2	5410604.4	66769.00000	325.04	0	48.848394	-86.941768	56277.45	56234.9	15.09	56292.54	56291.66016	56305.84670	56302.66016	504272.2	5410604.4
L4270.0	504272.2	5410606.0	66769.10156	326.26	0	48.848409	-86.941768	56277.58	56234.9	15.09	56292.66	56291.78516	56306.13573	56302.95313	504272.2	5410606.0
L4270.0	504272.2	5410607.7	66769.20313	326.50	0	48.848425	-86.941768	56277.81	56234.9	15.08	56292.89	56292.01563	56309.12023	56305.94531	504272.2	5410607.7
L4270.0	504272.2	5410607.7	66769.29688	326.48	0	48.848425	-86.941768	56277.93	56234.9	15.08	56293.01	56292.14063	56309.40525	56306.23047	504272.2	5410607.7
L4270.0	504272.1	5410609.5	66769.39844	325.40	0	48.848440	-86.941768	56278.27	56234.9	15.07	56293.35	56292.48047	56315.06620	56311.89453	504272.1	5410609.5
L4270.0	504272.1	5410611.0	66769.50000	326.55	0	48.848454	-86.941768	56278.32	56234.9	15.07	56293.39	56292.52344	56313.40735	56310.23828	504272.1	5410611.0
L4270.0	504272.1	5410611.0	66769.50000	326.55	0	48.848454	-86.941768	56278.21	56234.9	15.07	56293.28	56292.41406	56308.10531	56304.93359	504272.1	5410611.0
L4270.0	504272.1	5410612.9	66769.60156	325.16	0	48.848471	-86.941768	56278.35	56234.9	15.07	56293.41	56292.54688	56308.66482	56305.49609	504272.1	5410612.9
L4270.0	504272.1	5410614.6	66769.70313	325.37	0	48.848486	-86.941769	56278.42	56234.9	15.06	56293.48	56292.61719	56307.76913	56304.59766	504272.1	5410614.6
L4270.0	504272.1	5410616.3	66769.79688	325.25	0	48.848501	-86.941769	56278.84	56234.9	15.06	56293.89	56293.02734	56315.19234	56312.01563	504272.1	5410616.3
L4270.0	504272.1	5410616.3	66769.89844	322.70	0	48.848501	-86.941769	56278.75	56234.9	15.05	56293.80	56292.93750	56310.40467	56307.22266	504272.1	5410616.3
L4270.0	504272.0	5410618.0	66770.00000	324.12	0	48.848517	-86.941769	56278.93	56234.9	15.05	56293.98	56293.11719	56312.23439	56309.04688	504272.0	5410618.0
L4270.0	504272.0	5410618.0	66770.10156	324.65	0	48.848517	-86.941769	56278.80	56234.9	15.05	56293.85	56292.98438	56306.44448	56303.25391	504272.0	5410618.0
L4270.0	504272.0	5410620.0	66770.20313	324.67	0	48.848535	-86.941769	56279.06	56234.9	15.05	56294.11	56293.24609	56310.25950	56307.05859	504272.0	5410620.0
L4270.0	504272.0	5410620.0	66770.39844	324.14	0	48.848535	-86.941769	56279.09	56234.9	15.06	56294.14	56293.27344	56308.40153	56305.19531	504272.0	5410620.0
L4270.0	504272.0	5410621.6	66770.50000	326.42	0	48.848549	-86.941770	56279.38	56234.9	15.06	56294.44	56293.57031	56313.24779	56310.03125	504272.0	5410621.6
L4270.0	504272.0	5410623.1	66770.60156	327.90	0	48.848563	-86.941770	56279.37	56234.9	15.06	56294.43	56293.55859	56310.39917	56307.17188	504272.0	5410623.1
L4270.0	504272.0	5410624.8	66770.70313	328.78	0	48.848579	-86.941770	56279.42	56234.9	15.06	56294.48	56293.60547	56309.03776	56305.80078	504272.0	5410624.8
L4270.0	504272.0	5410624.8	66770.79688	330.27	0	48.848579	-86.941770	56279.65	56234.9	15.07	56294.71	56293.83203	56312.19095	56308.94141	504272.0	5410624.8
L4270.0	504272.0	5410626.1	66770.89844	329.51	0	48.848590	-86.941770	56279.80	56234.9	15.07	56294.86	56293.98047	56313.35575	56310.09375	504272.0	5410626.1
L4270.0	504272.0	5410628.0	66771.00000	327.83	0	48.848607	-86.941770	56280.03	56234.9	15.07	56295.10	56294.21484	56316.80791	56313.53125	504272.0	5410628.0
L4270.0	504271.9	5410629.5	66771.10156	326.03	0	48.848620	-86.941770	56279.99	56234.9	15.07	56295.06	56294.17188	56313.18789	56309.89844	504271.9	5410629.5
L4270.0	504271.9	5410629.5	66771.20313	327.08	0	48.848620	-86.941770	56279.85	56234.9	15.07	56294.92	56294.02734	56307.00353	56303.69922	504271.9	5410629.5
L4270.0	504271.9	5410631.0	66771.29688	327.06	0	48.848634	-86.941771	56279.82	56234.9	15.07	56294.89	56293.99219	56303.59024	56300.26953	504271.9	5410631.0
L4270.0	504271.9	5410632.7	66771.39844	328.36	0	48.848649	-86.941771	56280.13	56234.9	15.07	56295.20	56294.29688	56308.86559	56305.52734	504271.9	5410632.7
L4270.0	504271.9	5410632.7	66771.50000	327.22	0	48.848649	-86.941771	56280.42	56234.9	15.06	56295.48	56294.57031	56313.40480	56310.05078	504271.9	5410632.7
L4270.0	504271.9	5410634.5	66771.50000	327.22	0	48.848666	-86.941771	56280.52	56234.9	15.06	56295.58	56294.66406	56313.33477	56309.96484	504271.9	5410634.5
L4270.0	504271.9	5410636.3	66771.70313	328.22	0	48.848681	-86.941771	56280.56	56234.9	15.06	56295.63	56294.70703	56311.97429	56308.58594	504271.9	5410636.3
L4270.0	504271.9	5410636.3	66771.79688	327.69	0	48.848681	-86.941771	56280.56	56234.9	15.06	56295.63	56294.70313	56309.31522	56305.90625	504271.9	5410636.3
L4270.0	504271.9	5410638.0	66771.89844	325.80	0	48.848697	-86.941771	56280.97	56234.9	15.06	56296.03	56295.09375	56317.01099	56313.58203	504271.9	5410638.0
L4270.0	504271.9	5410639.8	66772.00000	324.42	0	48.848713	-86.941771	56280.84	56234.9	15.06	56295.90	56294.95703	56310.97788	56307.52734	504271.9	5410639.8
L4270.0	504271.8	5410641.5	66772.10156	325.65	0	48.848728	-86.941772	56280.77	56234.9	15.06	56295.83	56294.87891	56306.48706	56303.01563	504271.8	5410641.5
L4270.0	504271.8	5410641.5	66772.20313	326.00	0	48.848728	-86.941772	56281.25	56234.9	15.06	56296.31	56295.35156	56316.28952	56312.79688	504271.8	5410641.5
L4270.0	504271.8	5410643.3	66772.29688	326.98	0	48.848744	-86.941772	56281.10	56234.9	15.06	56296.16	56295.19531	56309.71344	56306.19922	504271.8	5410643.3
L4270.0	504271.8	5410643.3	66772.39844	327.67	0	48.848744	-86.941772	56281.38	56234.9	15.06	56296.44	56295.46875	56314.32429	56310.78906	504271.8	5410643.3
L4270.0	504271.8	5410645.0	66772.50000	327.01	0	48.848760	-86.941772	56281.66	56234.9	15.06	56296.72	56295.73828	56317.77323	56314.21094	504271.8	5410645.0
L4270.0	504271.8	5410647.0	66772.60156	328.74	0	48.848778	-86.941772	56281.38	56234.9	15.06	56296.44	56295.44922	56310.39973	56306.81641	504271.8	5410647.0
L4270.0	504271.8	5410647.9	66772.70313	330.60	0	48.848786	-86.941772	56281.48	56234.9	15.06	56296.54	56295.54297	56310.33456	56306.72656	504271.8	5410647.9
L4270.0	504271.8	5410647.9	66772.79688	329.74	0	48.848786	-86.941772	56281.72	56234.9	15.06	56296.78	56295.77344	56312.96952	56309.33984	504271.8	5410647.9
L4270.0	504271.8	5410649.7	66772.89844	329.52	0	48.848802	-86.941772	56281.81	56234.9	15.06	56296.87	56295.85156	56312.72495	56309.06641	504271.8	5410649.7
L4270.0	504271.8	5410650.9	66773.00000	327.41	0	48.848813	-86.941772	56281.89	56234.9	15.06	56296.95	56295.92188	56312.29419	56308.61328	504271.8	5410650.9
L4270.0	504271.8	5410652.6	66773.10156	327.42	0	48.848829	-86.941772	56282.15	56234.9	15.06	56297.21	56296.17188	56315.35025	56311.64453	504271.8	5410652.6
L4270.0	504271.8	5410652.6	66773.20313	328.05	0	48.848829	-86.941772	56282.25	56234.9	15.06	56297.31	56296.26563	56315.32442	56311.59375	504271.8	5410652.6
L4270.0	504271.8	5410654.2	66773.29688	327.34	0	48.848842	-86.941772	56282.24	56234.9	15.07	56297.31	56296.25391	56313.36030	56309.60156	504271.8	5410654.2
L4270.0	504271.8	5410655.8	66773.39844	327.28	0	48.848857	-86.941772	56282.18	56234.9	15.07	56297.24	56296.17188	56310.02424	56306.23828	504271.8	5410655.8
L4270.0	504271.8	5410657.2	66773.50000	327.98	0	48.848869	-86.941772	56282.61	56234.9	15.07	56297.68	56296.60156	56316.64067	56312.82813	504271.8	5410657.2
L4270.0	504271.8	5410657.2	66773.50000	327.98	0	48.848869	-86.941772	56282.71	56234.9	15.07	56297.78	56296.69141	56316.63027	56312.78906	504271.8	5410657.2
L4270.0	504271.8	5410658.9	66773.70313	329.49	0	48.848885	-86.941772	56282.50	56234.9	15.07	56297.58	56296.48047	56310.72215	56306.85547	504271.8	5410658.9
L4270.0	504271.8	5410660.4	66773.79688	327.06	0	48.848898	-86.941772	56282.86	56234.9	15.08	56297.93	56296.82031	56315.62241	56311.72656	504271.8	5410660.4
L4270.0	504271.8	5410662.4	66773.89844	326.50	0	48.848916	-86.941772	56282.98	56234.9	15.08	56298.06	56296.94141	56316.19905	56312.27734	504271.8	5410662.4
L4270.0	504271.8	5410662.4	66774.00000	325.54	0	48.848916	-86.941772	56283.02	56234.9	15.08	56298.10	56296.96875	56314.99310	56311.04297	504271.8	5410662.4
L4270.0	504271.9	5410664.1	66774.10156	325.15	0	48.848932	-86.941771	56283.20	56234.9	15.08	56298.27	56297.12891	56316.35904	56312.37891	504271.9	5410664.1
L4270.0	504271.9	5410665.7	66774.20313	324.89	0	48.848946	-86.941771	56283.50	56234.9	15.08	56298.57	56297.41797	56320.31181	56316.30469	504271.9	5410665.7
L4270.0	504271.9	5410665.7	66774.29688	325.84	0	48.848946	-86.941771	56283.12	56234.9	15.08	56298.20	56297.03516	56310.93429	56306.89844	504271.9	5410665.7
L4270.0	504271.9	5410667.8	66774.39844	328.93	0	48.848965	-86.941771	56283.52	56234.9	15.08	56298.60	56297.42188	56316.88078	56312.81641	504271.9	5410667.8
L4270.0	504271.9	5410668.9	66774.50000	330.42	0	48.848975	-86.941771	56283.75	56234.9	15.07	56298.83	56297.64063	56319.44710	56315.35156	504271.9	5410668.9
L4270.0	504271.9	5410670.4	66774.60156	331.07	0	48.848989	-86.941771	56283.36	56234.9	15.07	56298.43	56297.23047	56309.43535	56305.31250	504271.9	5410670.4
L4270.0	504271.9	5410670.4	66774.70313	330.03	0	48.848989	-86.941771	56283.86	56234.9	15.07	56298.93	56297.71875	56317.39589	56313.24219	504271.9	5410670.4
L4270.0	504271.9	5410672.4	66774.79688	329.85	0	48.849007	-86.941771	56283.75	56234.9	15.07	56298.83	56297.60547	56313.37059	56309.18750	504271.9	5410672.4
L4270.0	504271.9	5410673.9	66774.89844	330.26	0	48.849020	-86.941771	56283.78	56234.9	15.07	56298.85	56297.61328	56311.74451	56307.53125	504271.9	5410673.9
L4270.0	504271.9	5410673.9	66775.00000	329.02	0	48.849020	-86.941771	56284.29	56234.9	15.07	56299.36	56298.11328	56319.92056	56315.67969	504271.9	5410673.9
L4270.0	504271.9	5410675.4	66775.10156	327.28	0	48.849033	-86.941771	56283.98	56234.9	15.07	56299.04	56297.78125	56311.49803	56307.22656	504271.9	5410675.4
L4270.0	504271.9	5410677.3	66775.20313	328.08	0	48.849051	-86.941771	56284.32	56234.9	15.07	56299.39	56298.12109	56316.47476	56312.17578	504271.9	5410677.3
L4270.0	504271.9	5410677.3	66775.29688	327.82	0	48.849051	-86.941771	56284.52	56234.9	15.06	56299.58	56298.29688	56318.24869	56313.91797	504271.9	5410677.3
L4270.0	504271.9	5410678.9	66775.39844	326.92	0	48.849065	-86.941770	56284.27	56234.9	15.06	56299.33	56298.03516	56311.23815	56306.87891	504271.9	5410678.9
L4270.0	504271.9	5410680.5	66775.50000	326.87	0	48.849079	-86.941770	56284.82	56234.9	15.06	56299.88	56298.57422	56320.18391	56315.79297	504271.9	5410680.5
L4270.0	504271.9	5410682.0	66775.50000	326.87	0	48.849092	-86.941770	56284.78	56234.9	15.06	56299.84	56298.52344	56317.36574	56312.94531	504271.9	5410682.0
L4270.0	504271.9	5410682.0	66775.70313	328.33	0	48.849092	-86.941770	56284.78	56234.9	15.06	56299.83	56298.50000	56315.15573	56310.70703	504271.9	5410682.0
L4270.0	504271.9	5410683.5	66775.79688	328.47	0	48.849106	-86.941770	56285.02	56234.9	15.05	56300.08	56298.73828	56318.10336	56313.62500	504271.9	5410683.5
L4270.0	504271.9	5410684.8	66775.89844	328.37	0	48.849118	-86.941770	56284.83	56234.9	15.05	56299.88	56298.52734	56312.16151	56307.65234	504271.9	5410684.8
L4270.0	504271.9	5410684.8	66776.00000	329.61	0	48.849118	-86.941770	56285.14	56234.9	15.05	56300.19	56298.82422	56316.29074	56311.75000	504271.9	5410684.8
L4270.0	504271.9	5410686.8	66776.10156	328.84	0	48.849136	-86.941770	56285.41	56234.9	15.05	56300.46	56299.08203	56319.61549	56315.04688	504271.9	5410686.8
L4270.0	504271.9	5410688.5	66776.20313	328.38	0	48.849151	-86.941770	56285.18	56234.9	15.05	56300.23	56298.83984	56313.15073	56308.55469	504271.9	5410688.5
L4270.0	504272.0	5410690.3	66776.29688	329.00	0	48.849167	-86.941770	56285.66	56234.9	15.05	56300.71	56299.30859	56320.56772	56315.94141	504272.0	5410690.3
L4270.0	504272.0	5410690.3	66776.39844	328.83	0	48.849167	-86.941770	56285.36	56234.9	15.05	56300.41	56298.99609	56312.79587	56308.13672	504272.0	5410690.3
L4270.0	504272.0	5410691.9	66776.50000	328.09	0	48.849182	-86.941769	56285.88	56234.9	15.05	56300.93	56299.50391	56320.95113	56316.26563	504272.0	5410691.9
L4270.0	504272.0	5410693.9	66776.60156	327.89	0	48.849199	-86.941769	56285.72	56234.9	15.05	56300.77	56299.33203	56315.94440	56311.22656	504272.0	5410693.9
L4270.0	504272.0	5410693.9	66776.70313	327.56	0	48.849199	-86.941769	56285.92	56234.9	15.05	56300.97	56299.52344	56317.55611	56312.81250	504272.0	5410693.9
L4270.0	504272.0	5410695.4	66776.79688	327.32	0	48.849213	-86.941769	56286.21	56234.9	15.05	56301.26	56299.80078	56322.46081	56317.68750	504272.0	5410695.4
L4270.0	504272.0	5410697.1	66776.89844	327.65	0	48.849229	-86.941769	56285.96	56234.9	15.05	56301.01	56299.53906	56313.39845	56308.59375	504272.0	5410697.1
L4270.0	504272.0	5410697.1	66777.00000	329.70	0	48.849229	-86.941769	56286.34	56234.9	15.05	56301.39	56299.90625	56320.62687	56315.79297	504272.0	5410697.1
L4270.0	504272.0	5410699.1	66777.10156	331.25	0	48.849247	-86.941769	56286.20	56234.9	15.05	56301.25	56299.75781	56314.48790	56309.62500	504272.0	5410699.1
L4270.0	504272.0	5410700.4	66777.20313	329.46	0	48.849258	-86.941769	56286.33	56234.9	15.05	56301.38	56299.87500	56315.30726	56310.41797	504272.0	5410700.4
L4270.0	504272.0	5410701.6	66777.29688	328.08	0	48.849269	-86.941769	56286.56	56234.9	15.05	56301.61	56300.09375	56318.68613	56313.76563	504272.0	5410701.6
L4270.0	504272.0	5410703.1	66777.39844	325.41	0	48.849283	-86.941769	56286.56	56234.9	15.05	56301.61	56300.08203	56316.22500	56311.27734	504272.0	5410703.1
L4270.0	504272.0	5410703.1	66777.50000	325.46	0	48.849283	-86.941769	56286.90	56234.9	15.06	56301.95	56300.41406	56322.40622	56317.42969	504272.0	5410703.1
L4270.0	504272.0	5410704.9	66777.50000	325.46	0	48.849298	-86.941770	56286.82	56234.9	15.06	56301.87	56300.32422	56317.96977	56312.96484	504272.0	5410704.9
L4270.0	504272.0	5410706.6	66777.70313	322.18	0	48.849314	-86.941770	56287.00	56234.9	15.06	56302.06	56300.50000	56320.37981	56315.34766	504272.0	5410706.6
L4270.0	504272.0	5410706.6	66777.79688	323.98	0	48.849314	-86.941770	56287.02	56234.9	15.06	56302.08	56300.51172	56318.52631	56313.46484	504272.0	5410706.6
L4270.0	504272.0	5410708.1	66777.89844	325.44	0	48.849327	-86.941770	56287.25	56234.9	15.06	56302.31	56300.73047	56321.97846	56316.88672	504272.0	5410708.1
L4270.0	504271.9	5410709.3	66778.00000	325.73	0	48.849338	-86.941770	56287.40	56234.9	15.06	56302.46	56300.87109	56323.43883	56318.32031	504271.9	5410709.3
L4270.0	504271.9	5410711.3	66778.10156	326.26	0	48.849356	-86.941770	56287.16	56234.9	15.06	56302.22	56300.62109	56315.13592	56309.99219	504271.9	5410711.3
L4270.0	504271.9	5410712.9	66778.20313	326.72	0	48.849370	-86.941770	56287.68	56234.9	15.06	56302.74	56301.13281	56325.92901	56320.75781	504271.9	5410712.9

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4270.0	504271.9	5410712.9	66778.29688	327.11	0	48.849370	-86.941770	56287.36	56234.9	15.06	56302.42	56300.80078	56315.66752	56310.46875	504271.9	5410712.9
L4270.0	504271.9	5410714.3	66778.39844	327.64	0	48.849384	-86.941770	56287.75	56234.9	15.06	56302.81	56301.18359	56323.25566	56318.02734	504271.9	5410714.3
L4270.0	504271.9	5410714.3	66778.50000	328.48	0	48.849384	-86.941770	56287.48	56234.9	15.06	56302.54	56300.90234	56314.27815	56309.02344	504271.9	5410714.3
L4270.0	504271.9	5410716.0	66778.60156	328.66	0	48.849399	-86.941770	56287.82	56234.9	15.05	56302.87	56301.22266	56320.42183	56315.14063	504271.9	5410716.0
L4270.0	504271.9	5410717.6	66778.70313	328.70	0	48.849413	-86.941770	56287.70	56234.9	15.05	56302.76	56301.10547	56315.49075	56310.18359	504271.9	5410717.6
L4270.0	504271.9	5410719.0	66778.79688	327.76	0	48.849426	-86.941771	56287.66	56234.9	15.05	56302.72	56301.05469	56312.32747	56306.99219	504271.9	5410719.0
L4270.0	504271.9	5410720.5	66778.89844	325.99	0	48.849439	-86.941771	56288.02	56234.9	15.05	56303.07	56301.39844	56319.08594	56313.72266	504271.9	5410720.5
L4270.0	504271.8	5410721.8	66779.00000	326.23	0	48.849451	-86.941771	56287.94	56234.9	15.05	56302.99	56301.30859	56314.92695	56309.53906	504271.8	5410721.8
L4270.0	504271.8	5410721.8	66779.10156	326.81	0	48.849451	-86.941771	56287.98	56234.9	15.05	56303.03	56301.33984	56313.82673	56308.41406	504271.8	5410721.8
L4270.0	504271.8	5410723.5	66779.20313	326.51	0	48.849466	-86.941771	56288.07	56234.9	15.05	56303.12	56301.42188	56314.01513	56308.57813	504271.8	5410723.5
L4270.0	504271.8	5410725.3	66779.29688	325.82	0	48.849482	-86.941771	56288.53	56234.9	15.05	56303.58	56301.87500	56323.75466	56318.28906	504271.8	5410725.3
L4270.0	504271.8	5410726.6	66779.39844	326.28	0	48.849494	-86.941771	56288.58	56234.9	15.05	56303.63	56301.91797	56322.94874	56317.45703	504271.8	5410726.6
L4270.0	504271.8	5410728.1	66779.50000	327.00	0	48.849508	-86.941772	56288.61	56234.9	15.05	56303.66	56301.94141	56321.61964	56316.10156	504271.8	5410728.1
L4270.0	504271.8	5410728.1	66779.50000	327.00	0	48.849508	-86.941772	56289.01	56234.9	15.05	56304.06	56302.33203	56329.87165	56324.33203	504271.8	5410728.1
L4270.0	504271.8	5410728.1	66779.70313	326.04	0	48.849508	-86.941772	56288.78	56234.9	15.05	56303.83	56302.09766	56321.78993	56316.22266	504271.8	5410728.1
L4270.0	504271.8	5410730.6	66779.79688	328.37	0	48.849530	-86.941772	56289.01	56234.9	15.05	56304.06	56302.32031	56325.61393	56320.02344	504271.8	5410730.6
L4270.0	504271.8	5410732.1	66779.89844	328.89	0	48.849543	-86.941772	56289.01	56234.9	15.05	56304.06	56302.31250	56323.47391	56317.85547	504271.8	5410732.1
L4270.0	504271.7	5410733.9	66780.00000	328.48	0	48.849560	-86.941772	56288.86	56234.9	15.05	56303.91	56302.15625	56317.48188	56311.83984	504271.7	5410733.9
L4270.0	504271.7	5410733.9	66780.10156	330.70	0	48.849560	-86.941772	56289.35	56234.9	15.05	56304.40	56302.64063	56327.94425	56322.27734	504271.7	5410733.9
L4270.0	504271.7	5410735.6	66780.20313	328.59	0	48.849575	-86.941772	56288.96	56234.9	15.05	56304.01	56302.24219	56315.85476	56310.16406	504271.7	5410735.6
L4270.0	504271.7	5410735.6	66780.29688	328.74	0	48.849575	-86.941772	56289.09	56234.9	15.05	56304.14	56302.36719	56317.09817	56311.38281	504271.7	5410735.6
L4270.0	504271.7	5410737.5	66780.39844	330.91	0	48.849592	-86.941773	56289.29	56234.9	15.05	56304.34	56302.56250	56320.11551	56314.37891	504271.7	5410737.5
L4270.0	504271.7	5410739.5	66780.50000	328.99	0	48.849610	-86.941773	56289.24	56234.9	15.05	56304.29	56302.50781	56316.80863	56311.04688	504271.7	5410739.5
L4270.0	504271.6	5410741.0	66780.60156	327.47	0	48.849624	-86.941773	56289.19	56234.9	15.05	56304.24	56302.45313	56313.53722	56307.75000	504271.6	5410741.0
L4270.0	504271.6	5410741.0	66780.70313	324.76	0	48.849624	-86.941773	56289.30	56234.9	15.05	56304.35	56302.55859	56314.31140	56308.50391	504271.6	5410741.0
L4270.0	504271.6	5410742.6	66780.79688	325.35	0	48.849638	-86.941774	56289.60	56234.9	15.05	56304.65	56302.85156	56319.84419	56314.01172	504271.6	5410742.6
L4270.0	504271.6	5410743.9	66780.89844	325.46	0	48.849649	-86.941774	56289.75	56234.9	15.05	56304.80	56302.99609	56321.61774	56315.76172	504271.6	5410743.9
L4270.0	504271.6	5410745.4	66781.00000	324.38	0	48.849663	-86.941774	56289.91	56234.9	15.05	56304.96	56303.15234	56323.64469	56317.76563	504271.6	5410745.4
L4270.0	504271.6	5410746.9	66781.10156	322.66	0	48.849677	-86.941774	56289.65	56234.9	15.05	56304.70	56302.89063	56315.24013	56309.33594	504271.6	5410746.9
L4270.0	504271.6	5410746.9	66781.20313	321.92	0	48.849677	-86.941774	56290.04	56234.9	15.05	56305.09	56303.27734	56323.00681	56317.08203	504271.6	5410746.9
L4270.0	504271.6	5410749.2	66781.29688	321.94	0	48.849698	-86.941775	56290.03	56234.9	15.05	56305.08	56303.26172	56320.85354	56314.90625	504271.6	5410749.2
L4270.0	504271.6	5410749.2	66781.39844	324.55	0	48.849698	-86.941775	56289.93	56234.9	15.05	56304.98	56303.16016	56316.48433	56310.51172	504271.6	5410749.2
L4270.0	504271.5	5410750.8	66781.50000	325.80	0	48.849711	-86.941775	56290.18	56234.9	15.05	56305.23	56303.40625	56320.81841	56314.82422	504271.5	5410750.8
L4270.0	504271.5	5410752.4	66781.50000	325.80	0	48.849726	-86.941775	56290.34	56234.9	15.05	56305.39	56303.56250	56322.94142	56316.92578	504271.5	5410752.4
L4270.0	504271.5	5410753.7	66781.70313	325.74	0	48.849738	-86.941775	56290.23	56234.9	15.05	56305.28	56303.44922	56318.35418	56312.31641	504271.5	5410753.7
L4270.0	504271.5	5410753.7	66781.79688	327.65	0	48.849738	-86.941775	56290.32	56234.9	15.05	56305.37	56303.53906	56318.76026	56312.69922	504271.5	5410753.7
L4270.0	504271.5	5410755.5	66781.89844	327.53	0	48.849754	-86.941775	56290.54	56234.9	15.05	56305.59	56303.75391	56322.45034	56316.36719	504271.5	5410755.5
L4270.0	504271.5	5410757.9	66782.00000	328.11	0	48.849776	-86.941776	56290.72	56234.9	15.05	56305.77	56303.93359	56325.17566	56319.07031	504271.5	5410757.9
L4270.0	504271.5	5410757.9	66782.10156	329.11	0	48.849776	-86.941776	56290.42	56234.9	15.05	56305.47	56303.63281	56315.75075	56309.62500	504271.5	5410757.9
L4270.0	504271.4	5410759.5	66782.20313	327.85	0	48.849790	-86.941776	56290.62	56234.9	15.05	56305.67	56303.82813	56318.99362	56312.84766	504271.4	5410759.5
L4270.0	504271.4	5410761.0	66782.29688	327.58	0	48.849803	-86.941776	56290.68	56234.9	15.06	56305.73	56303.88672	56318.67856	56312.50781	504271.4	5410761.0
L4270.0	504271.4	5410761.0	66782.39844	328.60	0	48.849803	-86.941776	56291.08	56234.9	15.06	56306.14	56304.29688	56327.38932	56321.19922	504271.4	5410761.0
L4270.0	504271.4	5410762.7	66782.50000	328.41	0	48.849819	-86.941776	56290.82	56234.9	15.06	56305.88	56304.03516	56318.80501	56312.59375	504271.4	5410762.7
L4270.0	504271.4	5410764.2	66782.60156	327.34	0	48.849832	-86.941776	56291.02	56234.9	15.06	56306.08	56304.23438	56322.13873	56315.90625	504271.4	5410764.2
L4270.0	504271.4	5410764.2	66782.70313	328.64	0	48.849832	-86.941776	56291.37	56234.9	15.06	56306.43	56304.58594	56327.52263	56321.26953	504271.4	5410764.2
L4270.0	504271.4	5410765.9	66782.79688	327.93	0	48.849848	-86.941777	56291.27	56234.9	15.07	56306.34	56304.49609	56324.40801	56318.13281	504271.4	5410765.9
L4270.0	504271.4	5410767.4	66782.89844	327.84	0	48.849861	-86.941777	56291.26	56234.9	15.07	56306.33	56304.48438	56322.81203	56316.51563	504271.4	5410767.4
L4270.0	504271.4	5410767.4	66783.00000	328.79	0	48.849861	-86.941777	56291.44	56234.9	15.07	56306.51	56304.66406	56324.87929	56318.56250	504271.4	5410767.4
L4270.0	504271.3	5410769.4	66783.10156	327.72	0	48.849879	-86.941777	56291.69	56234.9	15.07	56306.76	56304.91406	56328.29052	56321.95313	504271.3	5410769.4
L4270.0	504271.3	5410771.0	66783.20313	326.46	0	48.849893	-86.941778	56291.23	56234.9	15.07	56306.30	56304.45703	56317.95425	56311.59766	504271.3	5410771.0
L4270.0	504271.3	5410771.0	66783.29688	326.06	0	48.849893	-86.941778	56291.64	56234.9	15.06	56306.71	56304.86719	56324.44348	56318.06641	504271.3	5410771.0
L4270.0	504271.3	5410772.7	66783.39844	325.26	0	48.849909	-86.941778	56291.64	56234.9	15.06	56306.70	56304.85938	56322.80749	56316.41016	504271.3	5410772.7
L4270.0	504271.3	5410774.6	66783.50000	325.56	0	48.849926	-86.941778	56291.59	56234.9	15.06	56306.65	56304.80859	56320.40240	56313.98828	504271.3	5410774.6
L4270.0	504271.3	5410776.3	66783.50000	325.56	0	48.849941	-86.941778	56291.92	56234.9	15.06	56306.98	56305.14063	56325.31862	56318.88281	504271.3	5410776.3
L4270.0	504271.2	5410777.5	66783.70313	327.91	0	48.849952	-86.941778	56291.94	56234.9	15.06	56307.00	56305.16406	56324.26241	56317.80859	504271.2	5410777.5
L4270.0	504271.2	5410777.5	66783.79688	328.67	0	48.849952	-86.941778	56291.88	56234.9	15.05	56306.93	56305.09375	56320.70709	56314.23438	504271.2	5410777.5
L4270.0	504271.2	5410779.3	66783.89844	329.85	0	48.849968	-86.941779	56292.10	56234.9	15.05	56307.15	56305.31641	56324.44572	56317.95313	504271.2	5410779.3
L4270.0	504271.2	5410780.8	66784.00000	327.68	0	48.849982	-86.941779	56291.94	56234.9	15.05	56306.99	56305.16016	56318.30691	56311.79688	504271.2	5410780.8
L4270.0	504271.2	5410780.8	66784.10156	328.70	0	48.849982	-86.941779	56292.00	56234.9	15.05	56307.05	56305.22266	56317.88724	56311.35938	504271.2	5410780.8
L4270.0	504271.2	5410782.5	66784.20313	328.04	0	48.849997	-86.941779	56292.45	56234.9	15.05	56307.51	56305.68359	56327.85472	56321.30469	504271.2	5410782.5
L4270.0	504271.2	5410784.3	66784.29688	326.24	0	48.850013	-86.941780	56292.21	56234.9	15.06	56307.26	56305.43750	56319.38404	56312.81641	504271.2	5410784.3
L4270.0	504271.1	5410785.9	66784.39844	324.45	0	48.850028	-86.941780	56292.50	56234.9	15.06	56307.56	56305.74219	56325.19914	56318.61328	504271.1	5410785.9
L4270.0	504271.1	5410785.9	66784.50000	324.28	0	48.850028	-86.941780	56292.71	56234.9	15.06	56307.77	56305.95313	56328.68133	56322.07813	504271.1	5410785.9
L4270.0	504271.1	5410787.6	66784.60156	324.84	0	48.850043	-86.941780	56292.48	56234.9	15.06	56307.55	56305.73828	56320.97810	56314.35938	504271.1	5410787.6
L4270.0	504271.1	5410789.3	66784.70313	327.02	0	48.850058	-86.941781	56292.58	56234.9	15.06	56307.64	56305.83203	56322.21925	56315.58203	504271.1	5410789.3
L4270.0	504271.1	5410789.3	66784.79688	328.10	0	48.850058	-86.941781	56292.82	56234.9	15.07	56307.89	56306.08594	56325.59494	56318.93750	504271.1	5410789.3
L4270.0	504271.0	5410791.4	66784.89844	327.46	0	48.850077	-86.941781	56292.71	56234.9	15.07	56307.78	56305.98047	56322.03037	56315.35547	504271.0	5410791.4
L4270.0	504271.0	5410793.0	66785.00000	326.02	0	48.850091	-86.941781	56292.96	56234.9	15.07	56308.03	56306.23438	56325.41115	56318.72266	504271.0	5410793.0
L4270.0	504271.0	5410793.0	66785.10156	327.99	0	48.850091	-86.941781	56292.97	56234.9	15.07	56308.04	56306.24609	56324.15218	56317.44531	504271.0	5410793.0
L4270.0	504271.0	5410794.7	66785.20313	326.76	0	48.850107	-86.941781	56293.02	56234.9	15.07	56308.09	56306.30078	56323.66030	56316.93750	504271.0	5410794.7
L4270.0	504271.0	5410796.3	66785.29688	328.26	0	48.850121	-86.941782	56293.05	56234.9	15.07	56308.12	56306.33594	56322.77175	56316.03125	504271.0	5410796.3
L4270.0	504271.0	5410796.3	66785.39844	329.22	0	48.850121	-86.941782	56293.38	56234.9	15.07	56308.45	56306.67188	56327.72425	56320.96875	504271.0	5410796.3
L4270.0	504271.0	5410798.5	66785.50000	328.80	0	48.850141	-86.941782	56293.17	56234.9	15.07	56308.24	56306.46875	56322.13730	56315.36328	504271.0	5410798.5
L4270.0	504271.0	5410798.5	66785.50000	328.80	0	48.850141	-86.941782	56293.50	56234.9	15.07	56308.57	56306.80469	56327.09767	56320.30859	504271.0	5410798.5
L4270.0	504271.0	5410800.4	66785.70313	327.74	0	48.850158	-86.941782	56293.33	56234.9	15.07	56308.40	56306.64063	56322.25153	56315.44531	504271.0	5410800.4
L4270.0	504271.0	5410802.0	66785.79688	327.78	0	48.850172	-86.941782	56293.60	56234.9	15.07	56308.67	56306.91406	56326.03384	56319.21484	504271.0	5410802.0
L4270.0	504271.0	5410803.3	66785.89844	329.40	0	48.850184	-86.941782	56293.64	56234.9	15.07	56308.71	56306.96094	56325.28467	56318.44922	504271.0	5410803.3
L4270.0	504271.0	5410803.3	66786.00000	331.07	0	48.850184	-86.941782	56293.53	56234.9	15.07	56308.60	56306.85547	56321.55791	56314.70703	504271.0	5410803.3
L4270.0	504271.0	5410805.1	66786.10156	330.99	0	48.850200	-86.941782	56293.94	56234.9	15.07	56309.01	56307.27344	56328.08915	56321.22266	504271.0	5410805.1
L4270.0	504271.0	5410806.5	66786.20313	329.91	0	48.850213	-86.941782	56293.90	56234.9	15.07	56308.97	56307.23828	56325.71328	56318.83203	504271.0	5410806.5
L4270.0	504271.0	5410806.5	66786.29688	329.18	0	48.850213	-86.941782	56293.98	56234.9	15.07	56309.06	56307.33594	56325.89195	56318.99609	504271.0	5410806.5
L4270.0	504271.0	5410808.9	66786.39844	327.98	0	48.850235	-86.941782	56294.24	56234.9	15.07	56309.32	56307.60156	56329.41738	56322.50781	504271.0	5410808.9
L4270.0	504271.0	5410808.9	66786.50000	326.93	0	48.850235	-86.941782	56294.02	56234.9	15.08	56309.09	56307.37891	56323.23369	56316.30859	504271.0	5410808.9
L4270.0	504271.0	5410810.9	66786.60156	328.58	0	48.850252	-86.941782	56294.24	56234.9	15.08	56309.32	56307.61719	56326.12762	56319.18750	504271.0	5410810.9
L4270.0	504271.0	5410812.9	66786.70313	328.34	0	48.850270	-86.941782	56294.27	56234.9	15.08	56309.34	56307.64453	56324.85877	56317.90625	504271.0	5410812.9
L4270.0	504271.0	5410812.9	66786.79688	329.61	0	48.850270	-86.941782	56294.27	56234.9	15.08	56309.34	56307.65234	56323.18860	56316.22266	504271.0	5410812.9
L4270.0	504271.0	5410814.9	66786.89844	329.24	0	48.850288	-86.941782	56294.60	56234.9	15.08	56309.68	56308.00000	56328.17267	56321.19141	504271.0	5410814.9
L4270.0	504271.0	5410814.9	66787.00000	328.83	0	48.850288	-86.941782	56294.42	56234.9	15.08	56309.50	56307.82813	56322.96547	56315.97266	504271.0	5410814.9
L4270.0	504271.0	5410816.8	66787.10156	330.89	0	48.850305	-86.941781	56294.63	56234.9	15.08	56309.71	56308.04297	56325.36709	56318.35938	504271.0	5410816.8
L4270.0	504271.0	5410818.3	66787.20313	330.30	0	48.850319	-86.941781	56294.96	56234.9	15.08	56310.04	56308.38281	56330.06451	56323.04297	504271.0	5410818.3
L4270.0	504271.0	5410819.5	66787.29688	329.62	0	48.850330	-86.941781	56294.78	56234.9	15.08	56309.86	56308.21094	56324.88794	56317.85547	504271.0	5410819.5
L4270.0	504271.0	5410821.4	66787.39844	327.86	0	48.850346	-86.941781	56295.04	56234.9	15.08	56310.12	56308.48047	56329.09778	56322.05078	504271.0	5410821.4
L4270.0	504271.0	5410821.4	66787.50000	327.14	0	48.850346	-86.941781	56295.26	56234.9	15.08	56310.34	56308.70703	56332.50497	56325.44531	504271.0	5410821.4

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4270.0	504271.0	5410823.1	66787.50000	327.14	0	48.850362	-86.941781	56295.14	56234.9	15.08	56310.22	56308.59375	56327.11688	56320.04688	504271.0	5410823.1
L4270.0	504271.0	5410823.1	66787.70313	326.54	0	48.850362	-86.941781	56295.52	56234.9	15.08	56310.60	56308.98438	56334.61583	56327.53516	504271.0	5410823.1
L4270.0	504271.0	5410825.1	66787.79688	325.22	0	48.850380	-86.941781	56295.39	56234.9	15.08	56310.47	56308.86328	56329.00787	56321.91406	504271.0	5410825.1
L4270.0	504271.0	5410826.7	66787.89844	326.08	0	48.850394	-86.941781	56295.32	56234.9	15.08	56310.40	56308.80078	56324.97076	56317.86719	504271.0	5410826.7
L4270.0	504271.0	5410828.2	66788.00000	325.96	0	48.850408	-86.941781	56295.60	56234.9	15.08	56310.68	56309.08984	56329.88817	56322.77344	504271.0	5410828.2
L4270.0	504271.0	5410829.3	66788.10156	325.54	0	48.850418	-86.941781	56295.57	56234.9	15.08	56310.65	56309.07031	56326.89944	56319.77344	504271.0	5410829.3
L4270.0	504271.0	5410829.3	66788.20313	325.66	0	48.850418	-86.941781	56295.45	56234.9	15.08	56310.53	56308.96094	56321.62736	56314.48828	504271.0	5410829.3
L4270.0	504271.0	5410831.1	66788.29688	324.68	0	48.850434	-86.941781	56295.80	56234.9	15.08	56310.88	56309.32031	56328.34290	56321.19531	504271.0	5410831.1
L4270.0	504271.0	5410831.1	66788.39844	324.56	0	48.850434	-86.941781	56295.80	56234.9	15.08	56310.88	56309.32813	56326.14170	56318.98438	504271.0	5410831.1
L4270.0	504271.0	5410832.9	66788.50000	325.82	0	48.850450	-86.941781	56295.70	56234.9	15.08	56310.79	56309.25000	56321.64459	56314.47656	504271.0	5410832.9
L4270.0	504271.0	5410835.1	66788.60156	326.95	0	48.850470	-86.941781	56296.18	56234.9	15.09	56311.27	56309.73828	56331.72028	56324.54297	504271.0	5410835.1
L4270.0	504271.0	5410836.4	66788.70313	327.27	0	48.850482	-86.941781	56296.08	56234.9	15.09	56311.17	56309.64844	56326.97517	56319.78516	504271.0	5410836.4
L4270.0	504271.0	5410836.4	66788.79688	326.60	0	48.850482	-86.941781	56296.14	56234.9	15.09	56311.22	56309.70703	56326.07100	56318.87500	504271.0	5410836.4
L4270.0	504271.0	5410838.1	66788.89844	328.38	0	48.850497	-86.941781	56296.48	56234.9	15.09	56311.57	56310.07031	56332.88535	56325.67969	504271.0	5410838.1
L4270.0	504271.1	5410839.9	66789.00000	327.85	0	48.850513	-86.941780	56296.29	56234.9	15.09	56311.38	56309.89063	56325.82389	56318.60938	504271.1	5410839.9
L4270.0	504271.1	5410839.9	66789.10156	327.54	0	48.850513	-86.941780	56296.34	56234.9	15.09	56311.43	56309.94922	56324.94025	56317.71875	504271.1	5410839.9
L4270.0	504271.1	5410841.9	66789.20313	328.45	0	48.850531	-86.941780	56296.77	56234.9	15.09	56311.86	56310.39063	56333.89490	56326.66406	504271.1	5410841.9
L4270.0	504271.1	5410843.6	66789.29688	328.91	0	48.850547	-86.941780	56296.41	56234.9	15.08	56311.49	56310.03125	56322.16293	56314.92188	504271.1	5410843.6
L4270.0	504271.1	5410843.6	66789.39844	329.29	0	48.850547	-86.941780	56296.72	56234.9	15.08	56311.80	56310.35156	56328.06212	56320.81641	504271.1	5410843.6
L4270.0	504271.1	5410845.4	66789.50000	328.92	0	48.850563	-86.941780	56296.90	56234.9	15.08	56311.98	56310.54297	56330.61743	56323.36328	504271.1	5410845.4
L4270.0	504271.1	5410846.7	66789.50000	328.92	0	48.850575	-86.941780	56296.67	56234.9	15.08	56311.75	56310.32422	56324.63708	56317.37500	504271.1	5410846.7
L4270.0	504271.1	5410848.2	66789.70313	329.45	0	48.850588	-86.941779	56297.18	56234.9	15.08	56312.26	56310.84375	56333.01791	56325.75000	504271.1	5410848.2
L4270.0	504271.1	5410848.2	66789.79688	327.74	0	48.850588	-86.941779	56297.23	56234.9	15.07	56312.30	56310.89453	56332.36433	56325.08984	504271.1	5410848.2
L4270.0	504271.1	5410850.3	66789.89844	326.98	0	48.850607	-86.941779	56297.16	56234.9	15.07	56312.23	56310.83594	56329.60110	56322.32031	504271.1	5410850.3
L4270.0	504271.1	5410850.3	66790.00000	326.66	0	48.850607	-86.941779	56297.38	56234.9	15.07	56312.45	56311.07031	56332.45012	56325.16406	504271.1	5410850.3
L4270.0	504271.2	5410852.6	66790.10156	326.53	0	48.850627	-86.941779	56297.23	56234.9	15.07	56312.30	56310.92969	56328.17574	56320.88672	504271.2	5410852.6
L4270.0	504271.2	5410854.1	66790.20313	326.89	0	48.850641	-86.941779	56297.41	56234.9	15.07	56312.48	56311.12109	56330.28830	56322.99219	504271.2	5410854.1
L4270.0	504271.2	5410854.1	66790.29688	327.43	0	48.850641	-86.941779	56297.89	56234.9	15.08	56312.97	56311.62500	56338.38582	56331.08594	504271.2	5410854.1
L4270.0	504271.2	5410855.8	66790.39844	327.12	0	48.850656	-86.941779	56297.61	56234.9	15.08	56312.69	56311.35547	56330.89795	56323.59375	504271.2	5410855.8
L4270.0	504271.2	5410857.5	66790.50000	326.23	0	48.850672	-86.941779	56297.89	56234.9	15.08	56312.97	56311.64844	56336.30662	56329.00000	504271.2	5410857.5
L4270.0	504271.2	5410857.5	66790.60156	327.35	0	48.850672	-86.941779	56298.03	56234.9	15.08	56313.11	56311.80078	56338.11080	56330.80078	504271.2	5410857.5
L4270.0	504271.1	5410859.7	66790.70313	328.32	0	48.850691	-86.941779	56298.07	56234.9	15.08	56313.15	56311.85156	56337.37210	56330.05859	504271.1	5410859.7
L4270.0	504271.1	5410859.7	66790.79688	328.58	0	48.850691	-86.941779	56297.96	56234.9	15.09	56313.05	56311.76563	56333.07777	56325.76172	504271.1	5410859.7
L4270.0	504271.1	5410861.8	66790.89844	327.90	0	48.850710	-86.941779	56298.09	56234.9	15.09	56313.18	56311.90625	56334.79196	56327.47656	504271.1	5410861.8
L4270.0	504271.1	5410863.3	66791.00000	327.09	0	48.850724	-86.941779	56298.13	56234.9	15.09	56313.22	56311.95703	56334.25209	56326.93359	504271.1	5410863.3
L4270.0	504271.1	5410864.5	66791.10156	328.36	0	48.850735	-86.941779	56298.12	56234.9	15.09	56313.21	56311.96094	56332.49621	56325.17578	504271.1	5410864.5
L4270.0	504271.1	5410866.1	66791.20313	326.69	0	48.850749	-86.941779	56298.48	56234.9	15.09	56313.57	56312.33203	56340.33138	56333.01172	504271.1	5410866.1
L4270.0	504271.1	5410866.1	66791.29688	327.91	0	48.850749	-86.941779	56298.23	56234.9	15.09	56313.32	56312.09766	56332.54761	56325.22656	504271.1	5410866.1
L4270.0	504271.1	5410868.4	66791.39844	325.88	0	48.850770	-86.941780	56298.56	56234.9	15.09	56313.65	56312.43750	56339.75307	56332.43359	504271.1	5410868.4
L4270.0	504271.1	5410868.4	66791.50000	325.27	0	48.850770	-86.941780	56298.18	56234.9	15.09	56313.27	56312.07031	56328.78316	56321.46484	504271.1	5410868.4
L4270.0	504271.1	5410869.9	66791.50000	325.27	0	48.850783	-86.941780	56298.58	56234.9	15.09	56313.67	56312.48438	56337.94338	56330.62891	504271.1	5410869.9
L4270.0	504271.1	5410871.2	66791.70313	326.17	0	48.850795	-86.941780	56298.25	56234.9	15.10	56313.34	56312.16797	56328.42135	56321.10547	504271.1	5410871.2
L4270.0	504271.1	5410871.2	66791.79688	325.66	0	48.850795	-86.941780	56298.69	56234.9	15.10	56313.79	56312.63281	56339.03688	56331.72656	504271.1	5410871.2
L4270.0	504271.1	5410872.7	66791.89844	326.67	0	48.850808	-86.941780	56298.48	56234.9	15.10	56313.58	56312.43359	56332.77202	56325.46484	504271.1	5410872.7
L4270.0	504271.1	5410874.2	66792.00000	326.91	0	48.850822	-86.941780	56298.64	56234.9	15.10	56313.74	56312.60938	56336.11500	56328.81250	504271.1	5410874.2
L4270.0	504271.0	5410876.2	66792.10156	326.61	0	48.850840	-86.941780	56298.86	56234.9	15.10	56313.96	56312.83984	56341.10243	56333.80078	504271.0	5410876.2
L4270.0	504271.0	5410877.5	66792.20313	327.74	0	48.850852	-86.941780	56298.64	56234.9	15.10	56313.74	56312.63281	56334.85901	56327.56250	504271.0	5410877.5
L4270.0	504271.0	5410877.5	66792.29688	329.11	0	48.850852	-86.941780	56298.96	56234.9	15.10	56314.05	56312.95703	56342.37857	56335.08984	504271.0	5410877.5
L4270.0	504271.0	5410879.7	66792.39844	328.85	0	48.850871	-86.941780	56298.59	56234.9	15.10	56313.68	56312.60156	56332.46195	56325.17969	504271.0	5410879.7
L4270.0	504271.0	5410880.9	66792.50000	327.33	0	48.850882	-86.941780	56298.94	56234.9	15.10	56314.04	56312.97656	56341.51196	56334.23438	504271.0	5410880.9
L4270.0	504271.0	5410880.9	66792.60156	328.23	0	48.850882	-86.941780	56298.42	56234.9	15.09	56313.52	56312.46875	56327.89340	56320.62500	504271.0	5410880.9
L4270.0	504271.0	5410882.9	66792.70313	327.86	0	48.850900	-86.941780	56298.99	56234.9	15.09	56314.08	56313.04297	56342.38563	56335.12500	504271.0	5410882.9
L4270.0	504271.0	5410884.5	66792.79688	326.79	0	48.850914	-86.941780	56298.58	56234.9	15.09	56313.67	56312.64844	56331.80449	56324.55078	504271.0	5410884.5
L4270.0	504271.0	5410884.5	66792.89844	327.48	0	48.850914	-86.941780	56299.12	56234.9	15.09	56314.21	56313.19922	56345.19096	56337.94531	504271.0	5410884.5
L4270.0	504271.0	5410886.3	66793.00000	327.03	0	48.850930	-86.941780	56298.58	56234.9	15.09	56313.67	56312.67578	56335.08828	56327.85547	504271.0	5410886.3
L4270.0	504271.0	5410888.3	66793.10156	326.23	0	48.850949	-86.941780	56298.99	56234.9	15.09	56314.08	56313.09766	56343.39311	56336.17188	504271.0	5410888.3
L4270.0	504271.0	5410889.8	66793.20313	327.75	0	48.850962	-86.941780	56298.50	56234.9	15.09	56313.59	56312.62500	56334.38526	56327.17188	504271.0	5410889.8
L4270.0	504271.0	5410889.8	66793.29688	328.67	0	48.850962	-86.941780	56298.94	56234.9	15.09	56314.03	56313.07813	56343.46563	56336.26563	504271.0	5410889.8
L4270.0	504271.0	5410892.1	66793.39844	329.30	0	48.850983	-86.941780	56298.66	56234.9	15.09	56313.75	56312.81250	56338.68044	56331.49219	504271.0	5410892.1
L4270.0	504271.0	5410893.7	66793.50000	328.28	0	48.850997	-86.941780	56298.74	56234.9	15.09	56313.83	56312.90625	56340.96572	56333.79297	504271.0	5410893.7
L4270.0	504271.0	5410893.7	66793.50000	328.28	0	48.850997	-86.941780	56298.58	56234.9	15.09	56313.67	56312.76172	56338.67729	56331.51953	504271.0	5410893.7
L4270.0	504271.0	5410893.7	66793.70313	327.06	0	48.850997	-86.941780	56298.56	56234.9	15.09	56313.65	56312.75391	56339.19700	56332.05469	504271.0	5410893.7
L4270.0	504271.0	5410895.7	66793.79688	328.58	0	48.851015	-86.941780	56298.58	56234.9	15.09	56313.67	56312.78906	56340.58160	56333.45313	504271.0	5410895.7
L4270.0	504271.0	5410897.3	66793.89844	325.88	0	48.851030	-86.941780	56298.61	56234.9	15.09	56313.70	56312.83594	56342.24647	56335.13281	504271.0	5410897.3
L4270.0	504271.0	5410898.9	66794.00000	325.88	0	48.851044	-86.941780	56298.27	56234.9	15.09	56313.36	56312.50781	56336.81535	56329.72266	504271.0	5410898.9
L4270.0	504271.0	5410898.9	66794.10156	328.88	0	48.851044	-86.941780	56298.48	56234.9	15.09	56313.57	56312.73438	56342.14384	56335.06641	504271.0	5410898.9
L4270.0	504271.0	5410900.9	66794.20313	330.64	0	48.851062	-86.941780	56298.18	56234.9	15.09	56313.27	56312.44922	56337.68018	56330.62109	504271.0	5410900.9
L4270.0	504271.0	5410902.4	66794.29688	329.40	0	48.851075	-86.941780	56298.42	56234.9	15.09	56313.51	56312.70313	56343.73736	56336.69922	504271.0	5410902.4
L4270.0	504271.0	5410904.1	66794.39844	327.41	0	48.851091	-86.941780	56298.02	56234.9	15.09	56313.11	56312.32031	56334.88514	56327.86719	504271.0	5410904.1
L4270.0	504271.0	5410904.1	66794.50000	327.66	0	48.851091	-86.941780	56298.11	56234.9	15.09	56313.20	56312.42578	56339.40695	56332.41016	504271.0	5410904.1
L4270.0	504271.0	5410905.8	66794.60156	327.89	0	48.851106	-86.941780	56297.82	56234.9	15.10	56312.91	56312.14844	56334.22103	56327.24609	504271.0	5410905.8
L4270.0	504271.0	5410907.7	66794.70313	328.06	0	48.851123	-86.941780	56298.04	56234.9	15.10	56313.14	56312.39453	56342.57934	56335.62891	504271.0	5410907.7
L4270.0	504271.0	5410907.7	66794.79688	328.27	0	48.851123	-86.941780	56297.51	56234.9	15.10	56312.61	56311.87891	56331.56991	56324.64453	504271.0	5410907.7
L4270.0	504271.0	5410909.1	66794.89844	326.92	0	48.851136	-86.941780	56297.74	56234.9	15.10	56312.84	56312.12500	56340.14395	56333.24219	504271.0	5410909.1
L4270.0	504271.0	5410909.1	66795.00000	328.58	0	48.851136	-86.941780	56297.20	56234.9	15.10	56312.30	56311.60156	56329.29417	56322.41797	504271.0	5410909.1
L4270.0	504271.0	5410911.2	66795.10156	328.89	0	48.851155	-86.941780	56297.49	56234.9	15.10	56312.59	56311.90625	56339.59440	56332.74219	504271.0	5410911.2
L4270.0	504271.0	5410912.7	66795.20313	326.06	0	48.851168	-86.941780	56297.05	56234.9	15.10	56312.15	56311.48047	56331.66149	56324.83984	504271.0	5410912.7
L4270.0	504271.1	5410914.5	66795.29688	326.45	0	48.851184	-86.941780	56297.02	56234.9	15.10	56312.12	56311.46484	56334.17398	56327.37891	504271.1	5410914.5
L4270.0	504271.1	5410914.5	66795.39844	325.14	0	48.851184	-86.941780	56296.80	56234.9	15.10	56311.90	56311.26172	56332.10725	56325.33984	504271.1	5410914.5
L4270.0	504271.1	5410916.0	66795.50000	324.27	0	48.851198	-86.941780	56296.67	56234.9	15.10	56311.77	56311.14844	56332.43788	56325.70313	504271.1	5410916.0
L4270.0	504271.0	5410918.1	66795.50000	324.27	0	48.851217	-86.941780	56296.64	56234.9	15.10	56311.75	56311.14453	56335.62948	56328.92188	504271.0	5410918.1
L4270.0	504271.0	5410919.6	66795.70313	323.42	0	48.851230	-86.941780	56296.49	56234.9	15.11	56311.59	56311.00000	56335.53406	56328.85938	504271.0	5410919.6
L4270.0	504271.0	5410919.6	66795.79688	324.38	0	48.851230	-86.941780	56296.69	56234.9	15.11	56311.80	56311.22266	56344.65110	56338.00781	504271.0	5410919.6
L4270.0	504271.1	5410921.4	66795.89844	324.85	0	48.851247	-86.941780	56296.44	56234.9	15.11	56311.55	56310.98828	56342.69085	56336.08203	504271.1	5410921.4
L4270.0	504271.1	5410923.2	66796.00000	325.50	0	48.851262	-86.941779	56296.44	56234.9	15.11	56311.55	56311.00781	56347.01845	56340.44531	504271.1	5410923.2
L4270.0	504271.1	5410923.2	66796.10156	324.35	0	48.851262	-86.941779	56296.13	56234.9	15.11	56311.24	56310.71094	56343.97703	56337.43750	504271.1	5410923.2
L4270.0	504271.1	5410925.1	66796.20313	324.63	0	48.851280	-86.941779	56295.81	56234.9	15.11	56310.91	56310.39844	56340.63591	56334.13281	504271.1	5410925.1
L4270.0	504271.1	5410925.1	66796.29688	324.74	0	48.851280	-86.941779	56295.24	56234.9	15.11	56310.35	56309.85547	56331.82391	56325.35547	504271.1	5410925.1
L4270.0	504271.1	5410927.2	66796.39844	324.26	0	48.851299	-86.941779	56295.52	56234.9	15.11	56310.63	56310.14844	56343.85766	56337.42578	504271.1	5410927.2
L4270.0	504271.1	5410927.2	66796.50000	327.46	0	48.851299	-86.941779	56295.04	56234.9	15.10	56310.14	56309.67578	56337.09367	56330.69922	504271.1	5410927.2
L4270.0	504271.1	5410928.9	66796.60156	328.08	0	48.851313	-86.941779	56294.96	56234.9	15.10	56310.06	56309.61328	56340.68684	56334.33203	504271.1	5410928.9
L4270.0	504271.1	5410930.5	66796.70313	327.52	0	48.851329	-86.941779	56294.34	56234.9	15.10	56309.45	56309.01953	56331.13580	56324.82031	504271.1	5410930.5
L4270.0	504271.0	5410932.1	66796.79688	325.82	0	48.851342	-86.941780	56294.22	56234.9	15.10	56309.32	56308.90234	56333.81988	56327.54688	504271.0	5410932.1

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4270.0	504271.0	5410932.1	66796.89844	325.34	0	48.851342	-86.941780	56293.91	56234.9	15.10	56309.01	56308.60938	56332.08924	56325.85547	504271.0	5410932.1
L4270.0	504271.0	5410934.1	66797.00000	325.89	0	48.851360	-86.941780	56293.50	56234.9	15.10	56308.60	56308.21484	56327.88707	56321.69531	504271.0	5410934.1
L4270.0	504271.0	5410935.3	66797.10156	326.20	0	48.851372	-86.941780	56293.40	56234.9	15.10	56308.50	56308.13281	56334.13124	56327.98438	504271.0	5410935.3
L4270.0	504271.0	5410935.3	66797.20313	326.37	0	48.851372	-86.941780	56293.05	56234.9	15.10	56308.15	56307.80078	56332.30690	56326.20313	504271.0	5410935.3
L4270.0	504271.0	5410936.9	66797.29688	327.85	0	48.851386	-86.941780	56292.66	56234.9	15.10	56307.76	56307.42578	56329.75748	56323.69922	504271.0	5410936.9
L4270.0	504271.0	5410938.5	66797.39844	329.17	0	48.851400	-86.941780	56292.33	56234.9	15.10	56307.43	56307.11328	56328.45417	56322.43750	504271.0	5410938.5
L4270.0	504271.0	5410939.9	66797.50000	329.54	0	48.851413	-86.941780	56292.05	56234.9	15.11	56307.15	56306.84766	56328.22701	56322.25781	504271.0	5410939.9
L4270.0	504271.0	5410941.7	66797.50000	329.54	0	48.851429	-86.941781	56291.85	56234.9	15.11	56306.96	56306.67578	56329.90656	56323.98438	504271.0	5410941.7
L4270.0	504271.0	5410941.7	66797.70313	331.16	0	48.851429	-86.941781	56291.69	56234.9	15.11	56306.80	56306.53125	56332.30440	56326.42969	504271.0	5410941.7
L4270.0	504270.9	5410943.5	66797.79688	332.32	0	48.851445	-86.941781	56291.46	56234.9	15.11	56306.57	56306.31641	56333.37824	56327.55078	504270.9	5410943.5
L4270.0	504270.9	5410943.5	66797.89844	331.30	0	48.851445	-86.941781	56291.10	56234.9	15.11	56306.21	56305.97656	56331.86911	56326.08984	504270.9	5410943.5
L4270.0	504270.9	5410945.7	66798.00000	333.20	0	48.851465	-86.941781	56290.63	56234.9	15.11	56305.74	56305.51953	56328.15998	56322.42969	504270.9	5410945.7
L4270.0	504270.9	5410947.2	66798.10156	331.41	0	48.851478	-86.941781	56290.54	56234.9	15.11	56305.65	56305.44922	56332.35008	56326.67188	504270.9	5410947.2
L4270.0	504270.9	5410948.7	66798.20313	332.31	0	48.851492	-86.941782	56289.98	56234.9	15.11	56305.09	56304.90625	56326.91743	56321.28906	504270.9	5410948.7
L4270.0	504270.9	5410948.7	66798.29688	330.95	0	48.851492	-86.941782	56289.96	56234.9	15.12	56305.07	56304.90234	56332.70213	56327.12500	504270.9	5410948.7
L4270.0	504270.8	5410952.0	66798.39844	329.17	0	48.851521	-86.941782	56289.42	56234.9	15.12	56304.54	56304.38672	56328.03218	56322.50391	504270.8	5410952.0
L4270.0	504270.8	5410952.0	66798.50000	329.86	0	48.851521	-86.941782	56289.37	56234.9	15.12	56304.49	56304.35547	56333.31823	56327.84375	504270.8	5410952.0
L4270.0	504270.8	5410953.4	66798.60156	331.05	0	48.851534	-86.941783	56288.63	56234.9	15.12	56303.75	56303.63281	56324.50391	56319.08203	504270.8	5410953.4
L4270.0	504270.8	5410954.9	66798.70313	330.27	0	48.851548	-86.941783	56288.76	56234.9	15.12	56303.88	56303.77734	56333.57779	56328.21094	504270.8	5410954.9
L4270.0	504270.8	5410954.9	66798.79688	329.19	0	48.851548	-86.941783	56288.38	56234.9	15.13	56303.50	56303.41797	56332.28727	56326.97266	504270.8	5410954.9
L4270.0	504270.8	5410956.7	66798.89844	329.06	0	48.851564	-86.941783	56287.71	56234.9	15.13	56302.84	56302.77344	56325.43157	56320.17188	504270.8	5410956.7
L4270.0	504270.8	5410958.5	66799.00000	327.77	0	48.851580	-86.941783	56287.61	56234.9	15.13	56302.74	56302.69141	56329.97447	56324.76953	504270.8	5410958.5
L4270.0	504270.8	5410958.5	66799.10156	328.74	0	48.851580	-86.941783	56287.23	56234.9	15.13	56302.36	56302.32813	56328.96029	56323.81250	504270.8	5410958.5
L4270.0	504270.8	5410960.6	66799.20313	327.85	0	48.851599	-86.941783	56286.61	56234.9	15.13	56301.74	56301.72266	56323.27930	56318.18750	504270.8	5410960.6
L4270.0	504270.8	5410962.1	66799.29688	327.62	0	48.851613	-86.941783	56286.51	56234.9	15.13	56301.64	56301.64063	56328.02660	56322.98828	504270.8	5410962.1
L4270.0	504270.8	5410962.1	66799.39844	327.34	0	48.851613	-86.941783	56285.92	56234.9	15.13	56301.05	56301.07031	56323.18459	56318.20313	504270.8	5410962.1
L4270.0	504270.7	5410964.2	66799.50000	325.54	0	48.851631	-86.941783	56285.70	56234.9	15.13	56300.82	56300.85547	56325.53677	56320.61328	504270.7	5410964.2
L4270.0	504270.7	5410966.3	66799.50000	325.54	0	48.851650	-86.941783	56285.24	56234.9	15.13	56300.37	56300.42188	56323.67240	56318.80859	504270.7	5410966.3
L4270.0	504270.7	5410966.3	66799.60156	326.56	0	48.851650	-86.941783	56284.88	56234.9	15.13	56300.01	56300.08203	56323.67499	56318.86719	504270.7	5410966.3
L4270.0	504270.7	5410967.6	66799.70313	326.89	0	48.851662	-86.941784	56284.52	56234.9	15.13	56299.65	56299.73828	56323.78051	56319.03125	504270.7	5410967.6
L4270.0	504270.7	5410969.1	66799.79688	326.76	0	48.851675	-86.941784	56284.24	56234.9	15.13	56299.37	56299.47656	56325.54618	56320.85547	504270.7	5410969.1
L4270.0	504270.7	5410969.1	66799.89844	326.77	0	48.851675	-86.941784	56283.42	56234.9	15.13	56298.55	56298.67188	56316.88528	56312.25391	504270.7	5410969.1
L4270.0	504270.7	5410970.8	66800.00000	327.68	0	48.851691	-86.941784	56283.14	56234.9	15.13	56298.27	56298.41016	56318.84439	56314.27344	504270.7	5410970.8
L4270.0	504270.7	5410972.5	66800.10156	328.69	0	48.851706	-86.941784	56282.43	56234.9	15.13	56297.56	56297.71875	56312.49691	56307.98438	504270.7	5410972.5
L4270.0	504270.7	5410972.5	66800.20313	327.72	0	48.851706	-86.941784	56282.20	56234.9	15.13	56297.33	56297.50391	56315.61712	56311.16406	504270.7	5410972.5
L4270.0	504270.7	5410975.4	66800.39844	327.52	0	48.851732	-86.941784	56281.61	56234.9	15.13	56296.74	56296.93359	56311.77170	56307.37891	504270.7	5410975.4
L4270.0	504270.7	5410975.4	66800.50000	327.77	0	48.851732	-86.941784	56281.38	56234.9	15.13	56296.51	56296.71875	56315.07937	56310.74609	504270.7	5410975.4
L4270.0	504270.7	5410977.4	66800.60156	328.66	0	48.851751	-86.941784	56281.05	56234.9	15.13	56296.18	56296.40625	56316.51566	56312.24219	504270.7	5410977.4
L4270.0	504270.7	5410979.2	66800.70313	328.28	0	48.851767	-86.941784	56280.84	56234.9	15.13	56295.97	56296.21484	56320.41672	56316.20313	504270.7	5410979.2
L4270.0	504270.7	5410979.2	66800.79688	327.30	0	48.851767	-86.941784	56280.03	56234.9	15.13	56295.16	56295.42188	56312.51478	56308.35938	504270.7	5410979.2
L4270.0	504270.7	5410980.8	66800.89844	326.48	0	48.851781	-86.941784	56279.44	56234.9	15.13	56294.57	56294.85156	56309.02808	56304.93359	504270.7	5410980.8
L4270.0	504270.7	5410982.1	66801.00000	328.50	0	48.851793	-86.941784	56279.19	56234.9	15.13	56294.32	56294.62109	56312.37858	56308.34766	504270.7	5410982.1
L4270.0	504270.7	5410982.1	66801.10156	330.27	0	48.851793	-86.941784	56278.75	56234.9	15.13	56293.87	56294.18750	56311.82610	56307.85547	504270.7	5410982.1
L4270.0	504270.7	5410983.8	66801.20313	330.03	0	48.851808	-86.941784	56278.32	56234.9	15.12	56293.44	56293.77344	56311.74576	56307.83594	504270.7	5410983.8
L4270.0	504270.7	5410985.4	66801.29688	329.67	0	48.851822	-86.941784	56277.79	56234.9	15.12	56292.91	56293.26172	56309.73932	56305.89063	504270.7	5410985.4
L4270.0	504270.7	5410985.4	66801.39844	330.61	0	48.851822	-86.941784	56277.68	56234.9	15.12	56292.80	56293.17188	56316.19771	56312.41016	504270.7	5410985.4
L4270.0	504270.7	5410987.2	66801.50000	330.55	0	48.851839	-86.941784	56277.12	56234.9	15.11	56292.24	56292.62891	56313.73057	56310.00391	504270.7	5410987.2
L4270.0	504270.7	5410988.6	66801.50000	330.55	0	48.851851	-86.941784	56276.61	56234.9	15.11	56291.72	56292.12891	56312.13406	56308.46875	504270.7	5410988.6
L4270.0	504270.7	5410990.1	66801.70313	327.71	0	48.851864	-86.941784	56275.85	56234.9	15.11	56290.96	56291.38672	56305.83214	56302.22656	504270.7	5410990.1
L4270.0	504270.7	5410990.1	66801.79688	326.90	0	48.851864	-86.941784	56275.54	56234.9	15.11	56290.64	56291.08203	56308.36969	56304.82422	504270.7	5410990.1
L4270.0	504270.7	5410991.9	66801.89844	328.44	0	48.851881	-86.941784	56275.06	56234.9	15.10	56290.16	56290.62109	56307.79617	56304.30859	504270.7	5410991.9
L4270.0	504270.7	5410993.4	66802.00000	327.12	0	48.851894	-86.941784	56274.34	56234.9	15.10	56289.44	56289.92188	56302.55805	56299.13281	504270.7	5410993.4
L4270.0	504270.7	5410995.4	66802.10156	328.41	0	48.851912	-86.941784	56274.02	56234.9	15.10	56289.13	56289.62891	56305.49956	56302.13672	504270.7	5410995.4
L4270.0	504270.7	5410995.4	66802.20313	329.89	0	48.851912	-86.941784	56273.60	56234.9	15.11	56288.71	56289.22656	56306.33782	56303.03125	504270.7	5410995.4
L4270.0	504270.7	5410997.4	66802.29688	328.13	0	48.851930	-86.941783	56273.20	56234.9	15.11	56288.31	56288.84766	56307.63691	56304.39063	504270.7	5410997.4
L4270.0	504270.7	5410999.1	66802.39844	327.18	0	48.851945	-86.941783	56272.93	56234.9	15.12	56288.04	56288.59375	56311.53648	56308.35156	504270.7	5410999.1
L4270.0	504270.7	5410999.1	66802.50000	327.49	0	48.851945	-86.941783	56272.58	56234.9	15.12	56287.70	56288.27344	56314.13064	56311.00391	504270.7	5410999.1
L4270.0	504270.7	5411000.5	66802.60156	327.96	0	48.851958	-86.941783	56271.94	56234.9	15.12	56287.06	56287.65234	56310.98780	56307.92188	504270.7	5411000.5
L4270.0	504270.7	5411000.5	66802.70313	327.32	0	48.851958	-86.941783	56271.25	56234.9	15.13	56286.38	56286.98828	56307.17894	56304.17188	504270.7	5411000.5
L4270.0	504270.7	5411003.9	66802.79688	327.77	0	48.851989	-86.941783	56270.40	56234.9	15.13	56285.53	56286.16016	56300.20461	56297.25391	504270.7	5411003.9
L4270.0	504270.7	5411003.9	66802.89844	325.65	0	48.851989	-86.941783	56270.48	56234.9	15.14	56285.62	56286.26953	56311.41290	56308.52344	504270.7	5411003.9
L4270.0	504270.8	5411005.2	66803.00000	326.61	0	48.852000	-86.941783	56269.54	56234.9	15.14	56284.68	56285.34766	56301.03157	56298.19922	504270.8	5411005.2
L4270.0	504270.8	5411007.0	66803.10156	323.77	0	48.852016	-86.941783	56269.34	56234.9	15.14	56284.47	56285.15625	56308.78560	56306.01172	504270.8	5411007.0
L4270.0	504270.8	5411008.3	66803.20313	324.02	0	48.852028	-86.941783	56268.57	56234.9	15.14	56283.71	56284.41406	56302.36749	56299.64844	504270.8	5411008.3
L4270.0	504270.8	5411008.3	66803.29688	325.99	0	48.852028	-86.941783	56268.32	56234.9	15.14	56283.45	56284.17188	56308.49338	56305.83203	504270.8	5411008.3
L4270.0	504270.7	5411010.1	66803.39844	326.98	0	48.852045	-86.941783	56267.70	56234.9	15.14	56282.84	56283.58203	56306.69804	56304.09375	504270.7	5411010.1
L4270.0	504270.7	5411011.6	66803.50000	326.66	0	48.852058	-86.941783	56266.70	56234.9	15.13	56281.84	56282.60156	56297.46491	56294.91797	504270.7	5411011.6
L4270.0	504270.7	5411011.6	66803.50000	326.66	0	48.852058	-86.941783	56266.31	56234.9	15.13	56281.44	56282.21875	56299.88160	56297.39063	504270.7	5411011.6
L4270.0	504270.7	5411013.4	66803.70313	326.95	0	48.852074	-86.941783	56265.60	56234.9	15.13	56280.74	56281.53906	56296.57667	56294.14063	504270.7	5411013.4
L4270.0	504270.7	5411015.2	66803.79688	328.79	0	48.852090	-86.941784	56265.33	56234.9	15.13	56280.46	56281.27734	56301.50901	56299.12891	504270.7	5411015.2
L4270.0	504270.7	5411015.2	66803.89844	328.25	0	48.852090	-86.941784	56264.32	56234.9	15.13	56279.45	56280.28906	56292.29558	56289.96875	504270.7	5411015.2
L4270.0	504270.7	5411016.5	66804.00000	326.34	0	48.852102	-86.941784	56263.95	56234.9	15.13	56279.07	56279.92969	56295.44324	56293.17188	504270.7	5411016.5
L4270.0	504270.6	5411018.3	66804.10156	328.21	0	48.852118	-86.941784	56263.56	56234.9	15.13	56278.70	56279.57813	56298.88175	56296.66406	504270.6	5411018.3
L4270.0	504270.6	5411018.3	66804.20313	327.38	0	48.852118	-86.941784	56262.68	56234.9	15.14	56277.81	56278.70703	56292.15570	56289.98828	504270.6	5411018.3
L4270.0	504270.6	5411020.5	66804.29688	326.84	0	48.852138	-86.941784	56262.45	56234.9	15.14	56277.59	56278.50781	56298.70793	56296.59375	504270.6	5411020.5
L4270.0	504270.6	5411022.6	66804.39844	328.64	0	48.852157	-86.941785	56261.57	56234.9	15.15	56276.72	56277.65625	56292.47138	56290.41016	504270.6	5411022.6
L4270.0	504270.6	5411022.6	66804.50000	329.39	0	48.852157	-86.941785	56260.87	56234.8	15.15	56276.02	56276.97656	56289.64589	56287.63672	504270.6	5411022.6
L4270.0	504270.6	5411023.9	66804.60156	329.64	0	48.852168	-86.941785	56260.53	56234.8	15.15	56275.68	56276.65625	56294.02870	56292.07031	504270.6	5411023.9
L4270.0	504270.6	5411025.6	66804.70313	329.84	0	48.852184	-86.941785	56259.79	56234.8	15.16	56274.95	56275.94531	56290.71431	56288.80859	504270.6	5411025.6
L4270.0	504270.5	5411027.3	66804.79688	330.94	0	48.852199	-86.941785	56259.06	56234.8	15.16	56274.22	56275.23438	56287.44904	56285.59375	504270.5	5411027.3
L4270.0	504270.5	5411027.3	66804.89844	330.62	0	48.852199	-86.941785	56258.62	56234.8	15.17	56273.78	56274.81250	56290.00657	56288.19922	504270.5	5411027.3
L4270.0	504270.5	5411029.3	66805.00000	330.11	0	48.852217	-86.941786	56257.85	56234.8	15.17	56273.02	56274.07422	56286.24492	56284.48828	504270.5	5411029.3
L4270.0	504270.5	5411030.8	66805.10156	330.07	0	48.852230	-86.941786	56257.09	56234.8	15.17	56272.25	56273.32422	56282.33762	56280.62891	504270.5	5411030.8
L4270.0	504270.5	5411032.0	66805.20313	327.57	0	48.852242	-86.941786	56256.70	56234.8	15.16	56271.86	56272.95313	56286.02165	56284.36328	504270.5	5411032.0
L4270.0	504270.5	5411032.0	66805.29688	327.19	0	48.852242	-86.941786	56256.06	56234.8	15.16	56271.22	56272.33203	56284.78475	56283.17188	504270.5	5411032.0
L4270.0	504270.5	5411033.5	66805.39844	327.14	0	48.852255	-86.941786	56255.74	56234.8	15.15	56270.89	56272.02344	56289.71069	56288.14453	504270.5	5411033.5
L4270.0	504270.5	5411035.5	66805.50000	326.12	0	48.852273	-86.941786	56254.89	56234.9	15.15	56270.04	56271.19531	56284.41042	56282.89063	504270.5	5411035.5
L4270.0	504270.5	5411035.5	66805.50000	326.12	0	48.852273	-86.941786	56254.23	56234.9	15.15	56269.38	56270.55469	56282.90397	56281.43359	504270.5	5411035.5
L4270.0	504270.5	5411037.3	66805.70313	327.20	0	48.852289	-86.941786	56253.67	56234.9	15.14	56268.81	56270.00391	56283.20098	56281.77344	504270.5	5411037.3
L4270.0	504270.5	5411037.3	66805.79688	328.84	0	48.852289	-86.941786	56253.05	56234.9	15.14	56268.18	56269.39453	56282.35788	56280.97656	504270.5	5411037.3
L4270.0	504270.4	5411039.5	66805.89844	328.34	0	48.852309	-86.941787	56252.40	56234.9	15.13	56267.53	56268.76563	56281.16181	56279.82422	504270.4	5411039.5
L4270.0	504270.4	5411041.0	66806.00000	327.71	0	48.852323	-86.941787	56251.37	56234.9	15.13	56266.50	56267.75391	56272.62571	56271.33203	504270.4	5411041.0
L4270.0	504270.4	5411042.8	66806.10156	326.82	0	48.852339	-86.941788	56251.06	56234.9	15.13	56266.18	56267.45703	56277.90834	56276.66016	504270.4	5411042.8

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4270.0	504270.4	5411042.8	66806.20313	326.68	0	48.852339	-86.941788	56250.20	56234.9	15.13	56265.33	56266.62500	56272.94725	56271.74219	504270.4	5411042.8
L4270.0	504270.3	5411044.1	66806.29688	327.17	0	48.852351	-86.941788	56249.76	56234.9	15.13	56264.89	56266.20703	56275.94534	56274.78125	504270.3	5411044.1
L4270.0	504270.3	5411045.7	66806.39844	326.98	0	48.852365	-86.941789	56249.06	56234.9	15.13	56264.18	56265.51563	56273.74627	56272.62500	504270.3	5411045.7
L4270.0	504270.3	5411045.7	66806.50000	327.07	0	48.852365	-86.941789	56248.50	56234.9	15.13	56263.63	56264.98828	56274.66019	56273.58203	504270.3	5411045.7
L4270.0	504270.3	5411047.5	66806.60156	327.89	0	48.852381	-86.941789	56247.29	56234.9	15.13	56262.42	56263.79688	56262.82978	56261.79297	504270.3	5411047.5
L4270.0	504270.2	5411049.5	66806.70313	327.64	0	48.852399	-86.941789	56246.95	56234.9	15.13	56262.07	56263.46875	56267.63819	56266.64063	504270.2	5411049.5
L4270.0	504270.2	5411049.5	66806.79688	327.56	0	48.852399	-86.941789	56246.07	56234.9	15.13	56261.20	56262.61719	56262.38412	56261.42578	504270.2	5411049.5
L4270.0	504270.2	5411051.0	66806.89844	326.25	0	48.852412	-86.941790	56246.11	56234.9	15.13	56261.24	56262.67969	56274.80127	56273.88672	504270.2	5411051.0
L4270.0	504270.2	5411052.5	66807.00000	326.46	0	48.852426	-86.941790	56244.96	56234.9	15.13	56260.09	56261.55078	56264.09831	56263.22266	504270.2	5411052.5
L4270.0	504270.2	5411052.5	66807.10156	326.28	0	48.852426	-86.941790	56244.76	56234.9	15.13	56259.89	56261.37109	56271.88765	56271.05078	504270.2	5411052.5
L4270.0	504270.2	5411054.4	66807.20313	326.86	0	48.852442	-86.941790	56243.64	56234.9	15.13	56258.77	56260.27344	56261.71817	56260.92188	504270.2	5411054.4
L4270.0	504270.2	5411056.0	66807.29688	327.92	0	48.852457	-86.941790	56243.18	56234.9	15.13	56258.31	56259.83203	56264.42764	56263.66797	504270.2	5411056.0
L4270.0	504270.2	5411057.2	66807.39844	328.48	0	48.852468	-86.941790	56242.29	56234.9	15.13	56257.42	56258.96484	56258.70450	56257.98438	504270.2	5411057.2
L4270.0	504270.2	5411057.2	66807.50000	328.80	0	48.852468	-86.941790	56241.52	56234.9	15.13	56256.65	56258.21484	56255.31072	56254.62891	504270.2	5411057.2
L4270.0	504270.2	5411059.3	66807.50000	328.80	0	48.852487	-86.941789	56241.24	56234.9	15.13	56256.37	56257.95703	56261.51028	56260.86719	504270.2	5411059.3
L4270.0	504270.2	5411061.1	66807.70313	328.29	0	48.852503	-86.941789	56239.94	56234.9	15.13	56255.07	56256.67578	56247.68626	56247.07813	504270.2	5411061.1
L4270.0	504270.2	5411061.1	66807.79688	330.20	0	48.852503	-86.941789	56239.96	56234.9	15.13	56255.09	56256.71875	56259.71995	56259.14844	504270.2	5411061.1
L4270.0	504270.2	5411062.9	66807.89844	329.69	0	48.852519	-86.941789	56238.86	56234.9	15.13	56253.99	56255.63672	56249.78852	56249.25391	504270.2	5411062.9
L4270.0	504270.3	5411064.4	66808.00000	329.01	0	48.852533	-86.941789	56238.52	56234.9	15.13	56253.65	56255.32031	56254.70303	56254.20703	504270.3	5411064.4
L4270.0	504270.3	5411064.4	66808.10156	328.26	0	48.852533	-86.941789	56237.96	56234.9	15.13	56253.10	56254.78906	56255.47509	56255.01563	504270.3	5411064.4
L4270.0	504270.3	5411066.5	66808.20313	328.63	0	48.852551	-86.941789	56237.28	56234.9	15.13	56252.41	56254.12109	56253.48861	56253.06250	504270.3	5411066.5
L4270.0	504270.3	5411068.6	66808.29688	328.01	0	48.852570	-86.941788	56236.72	56234.9	15.13	56251.86	56253.59375	56254.19069	56253.80078	504270.3	5411068.6
L4270.0	504270.3	5411068.6	66808.39844	328.96	0	48.852570	-86.941788	56235.92	56234.9	15.13	56251.06	56252.81250	56250.01937	56249.66797	504270.3	5411068.6
L4270.0	504270.3	5411070.1	66808.50000	327.79	0	48.852584	-86.941788	56235.38	56234.9	15.14	56250.51	56252.28516	56250.65152	56250.33594	504270.3	5411070.1
L4270.0	504270.3	5411071.7	66808.60156	327.09	0	48.852598	-86.941788	56234.45	56234.9	15.14	56249.58	56251.37500	56243.93539	56243.65234	504270.3	5411071.7
L4270.0	504270.4	5411073.4	66808.70313	326.72	0	48.852614	-86.941787	56234.38	56234.9	15.14	56249.51	56251.32422	56257.48703	56257.24219	504270.4	5411073.4
L4270.0	504270.4	5411073.4	66808.79688	325.26	0	48.852614	-86.941787	56233.19	56234.9	15.14	56248.33	56250.16797	56242.17912	56241.96875	504270.4	5411073.4
L4270.0	504270.4	5411075.1	66808.89844	325.28	0	48.852629	-86.941787	56233.10	56234.9	15.14	56248.24	56250.09766	56255.05612	56254.87891	504270.4	5411075.1
L4270.0	504270.4	5411075.1	66809.00000	326.00	0	48.852629	-86.941787	56231.92	56234.9	15.14	56247.06	56248.93750	56239.66397	56239.52344	504270.4	5411075.1
L4270.0	504270.4	5411077.1	66809.10156	325.96	0	48.852647	-86.941787	56231.62	56234.9	15.14	56246.76	56248.66016	56246.94723	56246.83984	504270.4	5411077.1
L4270.0	504270.4	5411078.9	66809.20313	325.33	0	48.852663	-86.941787	56230.72	56234.9	15.14	56245.86	56247.78125	56238.66579	56238.59375	504270.4	5411078.9
L4270.0	504270.4	5411080.3	66809.29688	326.80	0	48.852676	-86.941787	56230.24	56234.9	15.14	56245.38	56247.32422	56241.15113	56241.11328	504270.4	5411080.3
L4270.0	504270.4	5411080.3	66809.39844	325.94	0	48.852676	-86.941787	56230.03	56234.9	15.14	56245.16	56247.12500	56250.28017	56250.28125	504270.4	5411080.3
L4270.0	504270.4	5411081.7	66809.50000	325.91	0	48.852689	-86.941787	56229.01	56234.9	15.13	56244.15	56246.13281	56238.92884	56238.96484	504270.4	5411081.7
L4270.0	504270.4	5411083.2	66809.50000	325.91	0	48.852702	-86.941787	56228.91	56234.9	15.13	56244.04	56246.04688	56250.78067	56250.85156	504270.4	5411083.2
L4270.0	504270.4	5411085.0	66809.70313	328.64	0	48.852718	-86.941787	56227.92	56234.9	15.13	56243.05	56245.07813	56239.77440	56239.87891	504270.4	5411085.0
L4270.0	504270.4	5411085.0	66809.79688	328.76	0	48.852718	-86.941787	56227.76	56234.9	15.13	56242.89	56244.93750	56250.23100	56250.37109	504270.4	5411085.0
L4270.0	504270.4	5411086.9	66809.89844	327.26	0	48.852735	-86.941787	56226.48	56234.9	15.13	56241.61	56243.67969	56232.07355	56232.25000	504270.4	5411086.9
L4270.0	504270.4	5411088.8	66810.00000	328.32	0	48.852753	-86.941787	56226.46	56234.9	15.13	56241.59	56243.67969	56242.27059	56242.48047	504270.4	5411088.8
L4270.0	504270.4	5411090.3	66810.10156	328.68	0	48.852766	-86.941787	56225.46	56234.9	15.13	56240.59	56242.69922	56233.54090	56233.78906	504270.4	5411090.3
L4270.0	504270.4	5411090.3	66810.20313	331.11	0	48.852766	-86.941787	56225.24	56234.9	15.12	56240.36	56242.49219	56239.63971	56239.92188	504270.4	5411090.3
L4270.0	504270.4	5411092.4	66810.29688	330.20	0	48.852784	-86.941787	56224.54	56234.9	15.12	56239.66	56241.81250	56236.61419	56236.93359	504270.4	5411092.4
L4270.0	504270.4	5411092.4	66810.39844	330.31	0	48.852784	-86.941787	56224.12	56234.9	15.12	56239.24	56241.41406	56238.97294	56239.32813	504270.4	5411092.4
L4270.0	504270.4	5411094.2	66810.50000	328.89	0	48.852801	-86.941787	56223.40	56234.9	15.11	56238.51	56240.70313	56235.28917	56235.67969	504270.4	5411094.2
L4270.0	504270.4	5411095.7	66810.60156	328.68	0	48.852815	-86.941787	56223.04	56234.9	15.11	56238.15	56240.36328	56238.73621	56239.16406	504270.4	5411095.7
L4270.0	504270.4	5411097.8	66810.70313	327.98	0	48.852833	-86.941787	56222.07	56234.9	15.11	56237.18	56239.41406	56230.35236	56230.81641	504270.4	5411097.8
L4270.0	504270.4	5411097.8	66810.79688	327.86	0	48.852833	-86.941787	56221.81	56234.9	15.11	56236.92	56239.17578	56235.65551	56236.15625	504270.4	5411097.8
L4270.0	504270.4	5411099.5	66810.89844	327.92	0	48.852848	-86.941787	56221.18	56234.9	15.10	56236.29	56238.56641	56235.14541	56235.68750	504270.4	5411099.5
L4270.0	504270.4	5411100.7	66811.00000	328.04	0	48.852859	-86.941787	56220.44	56234.9	15.10	56235.54	56237.83984	56229.55468	56230.13281	504270.4	5411100.7
L4270.0	504270.4	5411100.7	66811.10156	328.01	0	48.852859	-86.941787	56219.80	56234.9	15.10	56234.90	56237.21875	56226.80141	56227.41797	504270.4	5411100.7
L4270.0	504270.4	5411102.7	66811.20313	325.46	0	48.852877	-86.941786	56219.52	56234.9	15.10	56234.62	56236.96094	56233.27326	56233.92969	504270.4	5411102.7
L4270.0	504270.5	5411104.4	66811.29688	325.22	0	48.852893	-86.941786	56218.64	56234.9	15.10	56233.75	56236.10938	56224.56722	56225.26172	504270.5	5411104.4
L4270.0	504270.5	5411105.9	66811.39844	326.46	0	48.852907	-86.941785	56218.26	56234.9	15.10	56233.37	56235.75000	56228.36602	56229.10156	504270.5	5411105.9
L4270.0	504270.5	5411107.1	66811.50000	327.16	0	48.852917	-86.941785	56217.87	56234.9	15.10	56232.97	56235.37109	56231.58691	56232.36328	504270.5	5411107.1
L4270.0	504270.5	5411107.1	66811.50000	327.16	0	48.852917	-86.941785	56217.02	56234.9	15.10	56232.12	56234.54297	56223.41367	56224.23047	504270.5	5411107.1
L4270.0	504270.5	5411108.4	66811.70313	326.10	0	48.852929	-86.941785	56216.86	56234.9	15.11	56231.96	56234.40234	56232.58738	56233.44141	504270.5	5411108.4
L4270.0	504270.6	5411109.9	66811.79688	327.44	0	48.852942	-86.941784	56216.20	56234.9	15.11	56231.31	56233.76953	56229.42459	56230.32031	504270.6	5411109.9
L4270.0	504270.6	5411109.9	66811.89844	324.83	0	48.852942	-86.941784	56215.51	56234.9	15.11	56230.62	56233.10156	56225.27008	56226.21094	504270.6	5411109.9
L4270.0	504270.6	5411111.6	66812.00000	323.90	0	48.852957	-86.941784	56215.24	56234.9	15.11	56230.35	56232.85156	56231.55647	56232.53906	504270.6	5411111.6
L4270.0	504270.6	5411113.4	66812.10156	324.81	0	48.852973	-86.941783	56214.77	56234.9	15.11	56229.88	56232.40234	56232.84978	56233.87500	504270.6	5411113.4
L4270.0	504270.6	5411113.4	66812.20313	324.71	0	48.852973	-86.941783	56214.16	56234.9	15.11	56229.27	56231.81250	56230.67333	56231.74219	504270.6	5411113.4
L4270.0	504270.7	5411115.4	66812.29688	325.84	0	48.852992	-86.941783	56213.78	56234.9	15.11	56228.88	56231.44141	56233.94614	56235.05859	504270.7	5411115.4
L4270.0	504270.7	5411117.0	66812.39844	324.34	0	48.853006	-86.941782	56212.98	56234.9	15.11	56228.08	56230.66016	56227.08955	56228.24609	504270.7	5411117.0
L4270.0	504270.8	5411118.8	66812.50000	325.56	0	48.853022	-86.941782	56212.60	56234.9	15.10	56227.70	56230.30078	56230.63188	56231.83594	504270.8	5411118.8
L4270.0	504270.8	5411118.8	66812.60156	327.61	0	48.853022	-86.941782	56212.02	56234.9	15.10	56227.13	56229.75000	56229.49473	56230.74219	504270.8	5411118.8
L4270.0	504270.8	5411120.7	66812.70313	327.40	0	48.853039	-86.941781	56211.33	56234.9	15.10	56226.43	56229.07031	56225.15792	56226.45313	504270.8	5411120.7
L4270.0	504270.8	5411122.2	66812.79688	329.12	0	48.853053	-86.941780	56210.96	56234.9	15.10	56226.06	56228.71875	56229.02578	56230.36719	504270.8	5411122.2
L4270.0	504270.9	5411123.6	66812.89844	327.92	0	48.853066	-86.941780	56210.26	56234.9	15.10	56225.36	56228.03906	56224.73527	56226.12500	504270.9	5411123.6
L4270.0	504270.9	5411123.6	66813.00000	326.59	0	48.853066	-86.941780	56209.54	56234.9	15.10	56224.64	56227.33594	56219.96567	56221.40625	504270.9	5411123.6
L4270.0	504270.9	5411125.1	66813.10156	325.52	0	48.853079	-86.941779	56209.06	56234.9	15.10	56224.15	56226.86719	56220.96016	56222.44922	504270.9	5411125.1
L4270.0	504270.9	5411125.1	66813.20313	325.82	0	48.853079	-86.941779	56208.39	56234.9	15.10	56223.49	56226.22656	56217.74879	56219.28516	504270.9	5411125.1
L4270.0	504271.0	5411128.4	66813.29688	327.16	0	48.853108	-86.941779	56207.91	56234.9	15.10	56223.01	56225.76172	56219.09080	56220.67969	504271.0	5411128.4
L4270.0	504271.0	5411128.4	66813.39844	327.89	0	48.853108	-86.941779	56207.30	56234.9	15.10	56222.40	56225.17188	56217.22390	56218.86328	504271.0	5411128.4
L4270.0	504271.0	5411130.1	66813.50000	328.02	0	48.853124	-86.941778	56206.78	56234.9	15.10	56221.88	56224.67188	56217.67799	56219.36719	504271.0	5411130.1
L4270.0	504271.0	5411131.7	66813.50000	328.02	0	48.853138	-86.941778	56206.17	56234.9	15.10	56221.27	56224.07813	56215.92436	56217.66797	504271.0	5411131.7
L4270.0	504271.0	5411131.7	66813.70313	327.53	0	48.853138	-86.941778	56205.74	56234.9	15.10	56220.84	56223.66797	56218.78822	56220.58594	504271.0	5411131.7
L4270.0	504271.0	5411133.3	66813.79688	326.44	0	48.853152	-86.941778	56205.23	56234.9	15.10	56220.33	56223.17578	56219.70471	56221.55469	504271.0	5411133.3
L4270.0	504271.0	5411134.9	66813.89844	326.83	0	48.853167	-86.941778	56204.66	56234.9	15.10	56219.76	56222.62109	56219.17567	56221.08203	504271.0	5411134.9
L4270.0	504271.0	5411134.9	66814.00000	327.50	0	48.853167	-86.941778	56204.04	56234.9	15.10	56219.14	56222.01953	56217.45380	56219.41406	504271.0	5411134.9
L4270.0	504271.1	5411136.5	66814.10156	328.08	0	48.853181	-86.941777	56203.59	56234.9	15.10	56218.69	56221.58594	56220.13016	56222.14453	504271.1	5411136.5
L4270.0	504271.1	5411138.3	66814.20313	326.02	0	48.853198	-86.941777	56203.11	56234.9	15.10	56218.21	56221.12500	56222.13033	56224.20313	504271.1	5411138.3
L4270.0	504271.1	5411138.3	66814.29688	325.77	0	48.853198	-86.941777	56202.83	56234.9	15.10	56217.93	56220.86328	56229.30121	56231.42969	504271.1	5411138.3
L4270.0	504271.1	5411140.9	66814.39844	326.61	0	48.853221	-86.941777	56201.76	56234.9	15.10	56216.85	56219.80078	56216.22723	56218.41406	504271.1	5411140.9
L4270.0	504271.1	5411140.9	66814.50000	327.14	0	48.853221	-86.941777	56201.44	56234.9	15.10	56216.54	56219.50391	56222.81455	56225.05859	504271.1	5411140.9
L4270.0	504271.1	5411142.3	66814.60156	325.46	0	48.853234	-86.941777	56200.53	56234.9	15.09	56215.62	56218.60156	56214.00245	56216.30469	504271.1	5411142.3
L4270.0	504271.1	5411144.3	66814.70313	326.68	0	48.853252	-86.941776	56200.22	56234.9	15.09	56215.32	56218.32031	56221.02845	56223.39063	504271.1	5411144.3
L4270.0	504271.1	5411144.3	66814.79688	327.02	0	48.853252	-86.941776	56199.31	56234.9	15.09	56214.40	56217.41406	56212.42888	56214.85156	504271.1	5411144.3
L4270.0	504271.2	5411146.3	66814.89844	326.79	0	48.853269	-86.941776	56198.90	56234.9	15.09	56213.99	56217.01953	56216.85973	56219.34375	504271.2	5411146.3
L4270.0	504271.2	5411147.7	66815.00000	327.47	0	48.853282	-86.941775	56198.20	56234.9	15.09	56213.29	56216.33594	56214.05161	56216.59766	504271.2	5411147.7
L4270.0	504271.2	5411149.0	66815.10156	327.72	0	48.853293	-86.941775	56197.67	56234.9	15.09	56212.76	56215.82031	56215.64987	56218.25781	504271.2	5411149.0
L4270.0	504271.2	5411150.5	66815.20313	327.31	0	48.853307	-86.941775	56196.76	56234.9	15.09	56211.85	56214.92578	56207.76343	56210.43359	504271.2	5411150.5
L4270.0	504271.2	5411150.5	66815.29688	327.79	0	48.853307	-86.941775	56196.10	56234.9	15.09	56211.19	56214.28125	56206.30456	56209.03906	504271.2	5411150.5
L4270.0	504271.3	5411152.8	66815.39844	326.79	0	48.853328	-86.941774	56195.55	56234.9	15.09	56210.64	56213.74609	56207.72948	56210.52734	504271.3	5411152.8

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4270.0	504271.3	5411152.8	66815.50000	326.57	0	48.853328	-86.941774	56194.79	56234.9	15.10	56209.88	56213.00000	56203.97893	56206.84375	504271.3	5411152.8
L4270.0	504271.3	5411154.9	66815.50000	326.57	0	48.853347	-86.941774	56194.25	56234.9	15.10	56209.35	56212.48438	56206.13116	56209.05859	504271.3	5411154.9
L4270.0	504271.3	5411156.5	66815.70313	325.64	0	48.853361	-86.941773	56193.64	56234.9	15.10	56208.74	56211.89063	56206.38395	56209.37891	504271.3	5411156.5
L4270.0	504271.4	5411158.2	66815.79688	325.75	0	48.853377	-86.941773	56192.67	56234.9	15.10	56207.77	56210.93359	56197.71041	56200.77344	504271.4	5411158.2
L4270.0	504271.4	5411158.2	66815.89844	326.85	0	48.853377	-86.941773	56192.25	56234.9	15.10	56207.35	56210.52734	56202.96658	56206.09375	504271.4	5411158.2
L4270.0	504271.4	5411160.3	66816.00000	325.69	0	48.853396	-86.941773	56191.70	56234.9	15.10	56206.80	56209.98828	56205.07160	56208.26563	504271.4	5411160.3
L4270.0	504271.4	5411161.7	66816.10156	326.13	0	48.853408	-86.941772	56191.14	56234.9	15.10	56206.24	56209.44141	56207.04090	56210.30469	504271.4	5411161.7
L4270.0	504271.4	5411161.7	66816.20313	325.50	0	48.853408	-86.941772	56190.52	56234.9	15.10	56205.62	56208.83594	56207.62173	56210.95313	504271.4	5411161.7
L4270.0	504271.4	5411164.0	66816.29688	325.15	0	48.853429	-86.941772	56189.50	56234.9	15.10	56204.60	56207.82813	56198.28100	56201.67969	504271.4	5411164.0
L4270.0	504271.4	5411165.5	66816.39844	326.49	0	48.853442	-86.941772	56188.86	56234.9	15.10	56203.96	56207.19922	56198.58983	56202.05859	504271.4	5411165.5
L4270.0	504271.4	5411167.1	66816.50000	325.60	0	48.853457	-86.941772	56188.07	56234.9	15.10	56203.17	56206.42188	56195.24394	56198.78125	504271.4	5411167.1
L4270.0	504271.4	5411167.1	66816.60156	326.99	0	48.853457	-86.941772	56187.85	56234.9	15.10	56202.95	56206.21094	56206.35004	56209.95703	504271.4	5411167.1
L4270.0	504271.5	5411169.1	66816.70313	326.89	0	48.853474	-86.941772	56186.96	56234.9	15.10	56202.06	56205.33203	56200.71662	56204.39453	504271.5	5411169.1
L4270.0	504271.5	5411169.1	66816.79688	327.14	0	48.853474	-86.941772	56186.26	56234.9	15.10	56201.36	56204.64453	56199.97724	56203.72656	504271.5	5411169.1
L4270.0	504271.5	5411170.5	66816.89844	326.92	0	48.853488	-86.941771	56185.32	56234.9	15.10	56200.42	56203.71484	56193.27822	56197.09766	504271.5	5411170.5
L4270.0	504271.5	5411172.2	66817.00000	325.35	0	48.853503	-86.941771	56184.88	56234.9	15.10	56199.98	56203.28516	56199.33927	56203.22656	504271.5	5411172.2
L4270.0	504271.5	5411173.7	66817.10156	326.22	0	48.853516	-86.941771	56183.98	56234.9	15.10	56199.08	56202.39453	56193.85145	56197.81250	504271.5	5411173.7
L4270.0	504271.5	5411173.7	66817.20313	327.10	0	48.853516	-86.941771	56183.33	56234.9	15.10	56198.43	56201.75391	56194.81510	56198.84766	504271.5	5411173.7
L4270.0	504271.5	5411175.3	66817.29688	326.70	0	48.853530	-86.941771	56182.59	56234.9	15.10	56197.70	56201.03125	56193.84952	56197.95313	504271.5	5411175.3
L4270.0	504271.5	5411177.0	66817.39844	325.03	0	48.853546	-86.941771	56181.87	56234.9	15.10	56196.97	56200.30859	56192.98567	56197.16016	504271.5	5411177.0
L4270.0	504271.5	5411177.0	66817.50000	324.94	0	48.853546	-86.941771	56181.14	56234.9	15.10	56196.25	56199.59766	56192.47797	56196.72656	504271.5	5411177.0
L4270.0	504271.5	5411178.8	66817.50000	324.94	0	48.853562	-86.941771	56180.09	56234.9	15.10	56195.19	56198.54688	56183.33790	56187.65625	504271.5	5411178.8
L4270.0	504271.5	5411180.8	66817.70313	326.80	0	48.853580	-86.941770	56179.54	56234.9	15.11	56194.65	56198.01172	56187.63963	56192.03125	504271.5	5411180.8
L4270.0	504271.5	5411180.8	66817.79688	328.26	0	48.853580	-86.941770	56178.54	56234.9	15.11	56193.65	56197.01953	56180.19882	56184.66016	504271.5	5411180.8
L4270.0	504271.5	5411182.5	66817.89844	329.80	0	48.853595	-86.941770	56177.87	56234.9	15.11	56192.98	56196.35547	56181.33995	56185.87500	504271.5	5411182.5
L4270.0	504271.6	5411183.9	66818.00000	330.03	0	48.853608	-86.941770	56177.21	56234.9	15.11	56192.32	56195.69922	56182.82814	56187.43359	504271.6	5411183.9
L4270.0	504271.6	5411185.7	66818.10156	327.43	0	48.853624	-86.941770	56176.49	56234.9	15.11	56191.60	56194.98828	56182.84925	56187.52734	504271.6	5411185.7
L4270.0	504271.6	5411185.7	66818.20313	327.46	0	48.853624	-86.941770	56175.77	56234.9	15.11	56190.88	56194.26953	56182.94611	56187.69531	504271.6	5411185.7
L4270.0	504271.6	5411187.7	66818.29688	328.65	0	48.853642	-86.941770	56175.02	56234.9	15.11	56190.13	56193.52734	56182.33632	56187.16016	504271.6	5411187.7
L4270.0	504271.6	5411187.7	66818.39844	326.78	0	48.853642	-86.941770	56173.98	56234.9	15.11	56189.09	56192.48828	56174.27009	56179.16406	504271.6	5411187.7
L4270.0	504271.6	5411189.3	66818.50000	327.88	0	48.853657	-86.941769	56173.28	56234.9	15.11	56188.39	56191.79297	56175.07268	56180.03906	504271.6	5411189.3
L4270.0	504271.6	5411191.0	66818.60156	327.49	0	48.853672	-86.941769	56172.50	56234.9	15.11	56187.61	56191.01563	56173.85153	56178.88672	504271.6	5411191.0
L4270.0	504271.6	5411192.8	66818.70313	327.18	0	48.853687	-86.941769	56171.68	56234.9	15.11	56186.79	56190.19922	56171.63512	56176.74219	504271.6	5411192.8
L4270.0	504271.6	5411192.8	66818.79688	327.47	0	48.853687	-86.941769	56170.92	56234.9	15.11	56186.03	56189.44141	56171.01682	56176.19531	504271.6	5411192.8
L4270.0	504271.6	5411194.6	66818.89844	328.06	0	48.853704	-86.941769	56170.24	56234.9	15.11	56185.35	56188.76172	56173.95963	56179.20703	504271.6	5411194.6
L4270.0	504271.6	5411196.1	66819.00000	326.94	0	48.853718	-86.941769	56169.68	56234.9	15.11	56184.79	56188.20313	56177.02142	56182.33594	504271.6	5411196.1
L4270.0	504271.6	5411197.5	66819.10156	327.46	0	48.853730	-86.941769	56168.84	56234.9	15.11	56183.95	56187.36328	56174.69833	56180.08203	504271.6	5411197.5
L4270.0	504271.6	5411197.5	66819.20313	327.03	0	48.853730	-86.941769	56167.72	56234.9	15.11	56182.83	56186.24219	56166.97006	56172.42188	504271.6	5411197.5
L4270.0	504271.6	5411198.8	66819.29688	325.79	0	48.853742	-86.941770	56167.11	56234.9	15.11	56182.22	56185.63281	56169.05988	56174.58203	504271.6	5411198.8
L4270.0	504271.6	5411200.9	66819.39844	327.08	0	48.853760	-86.941770	56166.23	56234.9	15.11	56181.34	56184.75391	56165.92096	56171.51172	504271.6	5411200.9
L4270.0	504271.6	5411200.9	66819.50000	328.75	0	48.853760	-86.941770	56165.42	56234.9	15.12	56180.53	56183.94141	56164.10445	56169.76172	504271.6	5411200.9
L4270.0	504271.6	5411202.6	66819.50000	328.75	0	48.853776	-86.941770	56164.46	56234.9	15.12	56179.58	56182.98828	56159.54070	56165.26172	504271.6	5411202.6
L4270.0	504271.6	5411202.6	66819.70313	326.43	0	48.853776	-86.941770	56163.55	56234.9	15.12	56178.66	56182.06641	56155.50736	56161.29688	504271.6	5411202.6
L4270.0	504271.5	5411204.3	66819.79688	326.42	0	48.853792	-86.941770	56163.04	56234.9	15.12	56178.16	56181.56250	56159.57028	56165.42188	504271.5	5411204.3
L4270.0	504271.5	5411205.9	66819.89844	329.17	0	48.853805	-86.941770	56162.16	56234.9	15.12	56177.28	56180.67578	56156.20123	56162.11719	504271.5	5411205.9
L4270.0	504271.5	5411207.6	66820.00000	329.69	0	48.853821	-86.941770	56161.95	56234.9	15.12	56177.07	56180.46484	56165.80720	56171.78516	504271.5	5411207.6
L4270.0	504271.5	5411209.4	66820.10156	327.91	0	48.853837	-86.941770	56161.30	56234.9	15.12	56176.42	56179.80859	56166.79072	56172.83203	504271.5	5411209.4
L4270.0	504271.5	5411209.4	66820.20313	325.40	0	48.853837	-86.941770	56160.36	56234.9	15.12	56175.48	56178.86328	56162.03501	56168.13672	504271.5	5411209.4
L4270.0	504271.5	5411210.9	66820.29688	324.92	0	48.853851	-86.941770	56159.06	56234.9	15.12	56174.18	56177.55469	56150.14094	56156.30469	504271.5	5411210.9
L4270.0	504271.5	5411212.5	66820.39844	325.97	0	48.853865	-86.941770	56158.82	56234.9	15.12	56173.93	56177.29688	56158.68092	56164.90234	504271.5	5411212.5
L4270.0	504271.5	5411213.9	66820.50000	325.86	0	48.853878	-86.941770	56157.66	56234.9	15.11	56172.77	56176.12891	56149.30853	56155.58984	504271.5	5411213.9
L4270.0	504271.5	5411213.9	66820.60156	327.20	0	48.853878	-86.941770	56156.75	56234.9	15.11	56171.86	56175.21094	56144.71783	56151.05469	504271.5	5411213.9
L4270.0	504271.5	5411213.9	66820.70313	328.75	0	48.853878	-86.941770	56156.28	56234.9	15.11	56171.39	56174.73438	56148.63049	56155.02344	504271.5	5411213.9
L4270.0	504271.5	5411217.2	66820.79688	328.89	0	48.853907	-86.941770	56155.07	56234.9	15.11	56170.19	56173.52344	56138.12061	56144.57031	504271.5	5411217.2
L4270.0	504271.5	5411217.2	66820.89844	329.77	0	48.853907	-86.941770	56154.41	56234.9	15.11	56169.52	56172.84375	56137.85956	56144.36328	504271.5	5411217.2
L4270.0	504271.6	5411219.5	66821.00000	329.60	0	48.853928	-86.941770	56153.50	56234.9	15.11	56168.61	56171.92188	56132.76669	56139.32031	504271.6	5411219.5
L4270.0	504271.6	5411220.8	66821.10156	328.06	0	48.853940	-86.941769	56152.71	56234.9	15.11	56167.82	56171.11719	56129.87545	56136.48047	504271.6	5411220.8
L4270.0	504271.6	5411220.8	66821.20313	327.49	0	48.853940	-86.941769	56152.27	56234.9	15.11	56167.38	56170.66797	56133.63999	56140.29688	504271.6	5411220.8
L4270.0	504271.6	5411222.6	66821.29688	328.67	0	48.853956	-86.941769	56151.68	56234.9	15.11	56166.79	56170.06250	56134.29762	56141.00391	504271.6	5411222.6
L4270.0	504271.6	5411224.4	66821.39844	328.29	0	48.853972	-86.941769	56151.25	56234.9	15.11	56166.36	56169.61719	56137.85885	56144.60938	504271.6	5411224.4
L4270.0	504271.6	5411224.4	66821.50000	330.23	0	48.853972	-86.941769	56150.15	56234.9	15.11	56165.26	56168.50391	56128.26024	56135.05469	504271.6	5411224.4
L4270.0	504271.6	5411226.1	66821.50000	330.23	0	48.853987	-86.941769	56149.53	56234.9	15.11	56164.64	56167.86719	56127.74254	56134.58203	504271.6	5411226.1
L4270.0	504271.6	5411228.1	66821.70313	330.23	0	48.854005	-86.941768	56148.85	56234.9	15.11	56163.96	56167.17188	56127.65541	56134.53906	504271.6	5411228.1
L4270.0	504271.6	5411228.1	66821.79688	326.23	0	48.854005	-86.941768	56148.16	56234.9	15.11	56163.27	56166.46484	56125.40059	56132.32422	504271.6	5411228.1
L4270.0	504271.7	5411229.6	66821.89844	326.56	0	48.854019	-86.941768	56147.54	56234.9	15.11	56162.65	56165.82813	56124.63646	56131.59766	504271.7	5411229.6
L4270.0	504271.7	5411231.4	66822.00000	325.07	0	48.854035	-86.941768	56147.07	56234.9	15.11	56162.18	56165.33984	56127.39977	56134.39844	504271.7	5411231.4
L4270.0	504271.7	5411231.4	66822.10156	325.00	0	48.854035	-86.941768	56146.42	56234.9	15.11	56161.53	56164.67188	56125.15103	56132.18359	504271.7	5411231.4
L4270.0	504271.7	5411233.1	66822.20313	325.11	0	48.854050	-86.941768	56145.62	56234.9	15.11	56160.73	56163.85156	56118.67583	56125.74219	504271.7	5411233.1
L4270.0	504271.7	5411234.6	66822.29688	324.50	0	48.854064	-86.941768	56145.28	56234.9	15.11	56160.39	56163.48828	56123.63480	56130.73438	504271.7	5411234.6
L4270.0	504271.7	5411236.6	66822.39844	324.27	0	48.854082	-86.941768	56144.66	56234.9	15.11	56159.77	56162.84766	56120.99030	56128.12109	504271.7	5411236.6
L4270.0	504271.7	5411236.6	66822.50000	328.58	0	48.854082	-86.941768	56144.04	56234.9	15.11	56159.15	56162.20703	56117.92346	56125.08203	504271.7	5411236.6
L4270.0	504271.7	5411237.9	66822.60156	330.12	0	48.854094	-86.941768	56143.39	56234.9	15.11	56158.50	56161.53516	56113.64682	56120.82813	504271.7	5411237.9
L4270.0	504271.7	5411239.4	66822.70313	329.01	0	48.854107	-86.941768	56143.24	56234.9	15.11	56158.35	56161.35938	56121.71388	56128.92188	504271.7	5411239.4
L4270.0	504271.7	5411241.3	66822.79688	328.08	0	48.854124	-86.941768	56142.55	56234.9	15.11	56157.66	56160.64453	56115.47262	56122.70313	504271.7	5411241.3
L4270.0	504271.7	5411241.3	66822.89844	326.88	0	48.854124	-86.941768	56141.75	56234.9	15.11	56156.86	56159.82031	56105.90058	56113.15234	504271.7	5411241.3
L4270.0	504271.6	5411243.1	66823.00000	327.37	0	48.854141	-86.941768	56141.66	56234.9	15.11	56156.77	56159.70313	56114.04315	56121.31250	504271.6	5411243.1
L4270.0	504271.6	5411243.1	66823.10156	325.99	0	48.854141	-86.941768	56141.02	56234.9	15.11	56156.12	56159.02734	56107.25956	56114.54297	504271.6	5411243.1
L4270.0	504271.6	5411244.8	66823.20313	327.25	0	48.854156	-86.941768	56140.68	56234.9	15.10	56155.78	56158.66016	56107.91906	56115.21875	504271.6	5411244.8
L4270.0	504271.6	5411246.1	66823.29688	329.87	0	48.854167	-86.941768	56140.02	56234.9	15.10	56155.12	56157.97266	56099.72644	56107.03516	504271.6	5411246.1
L4270.0	504271.6	5411246.1	66823.39844	327.71	0	48.854167	-86.941768	56139.84	56234.9	15.10	56154.94	56157.76172	56097.26265	56104.58203	504271.6	5411246.1
L4270.0	504271.6	5411247.9	66823.50000	327.33	0	48.854183	-86.941769	56139.52	56234.9	15.10	56154.62	56157.41406	56096.33607	56103.66406	504271.6	5411247.9
L4270.0	504271.6	5411250.0	66823.50000	327.33	0	48.854202	-86.941769	56139.08	56234.9	15.10	56154.18	56156.94141	56092.68191	56100.01563	504271.6	5411250.0
L4270.0	504271.6	5411250.0	66823.70313	327.93	0	48.854202	-86.941769	56138.86	56234.9	15.09	56153.94	56156.67188	56092.50881	56099.84375	504271.6	5411250.0
L4270.0	504271.6	5411251.9	66823.79688	328.26	0	48.854219	-86.941769	56138.84	56234.9	15.09	56153.93	56156.62891	56096.44727	56103.78516	504271.6	5411251.9
L4270.0	504271.5	5411254.1	66823.89844	327.39	0	48.854240	-86.941770	56138.66	56234.9	15.08	56153.74	56156.40625	56096.48400	56103.82031	504271.5	5411254.1
L4270.0	504271.5	5411254.1	66824.00000	327.54	0	48.854240	-86.941770	56138.11	56234.9	15.08	56153.19	56155.82031	56089.02378	56096.35547	504271.5	5411254.1
L4270.0	504271.5	5411255.6	66824.10156	327.19	0	48.854253	-86.941770	56138.33	56234.9	15.08	56153.42	56156.01953	56096.54642	56103.87500	504271.5	5411255.6
L4270.0	504271.5	5411257.6	66824.20313	329.16	0	48.854271	-86.941771	56137.84	56234.9	15.09	56152.93	56155.49219	56089.42675	56096.74609	504271.5	5411257.6
L4270.0	504271.5	5411257.6	66824.29688	329.18	0	48.854271	-86.941771	56137.72	56234.9	15.09	56152.81	56155.33594	56089.21983	56096.53125	504271.5	5411257.6
L4270.0	504271.4	5411259.8	66824.39844	329.40	0	48.854290	-86.941771	56137.85	56234.9	15.09	56152.94	56155.42969	56093.57821	56100.87500	504271.4	5411259.8
L4270.0	504271.4	5411259.8	66824.50000	329.77	0	48.854290	-86.941771	56137.32	56234.9	15.10	56152.42	56154.87109	56084.57631	56091.85938	504271.4	5411259.8
L4270.0	504271.4	5411261.6	66824.60156	330.00	0	48.854307	-86.941772	56137.44	56234.9	15.10	56152.54	56154.95313	56087.90719	56095.17188	504271.4	5411261.6
L4270.0	504271.3	5411263.0	66824.70313	329.72	0	48.854319	-86.941772	56137.32	56234.9	15.10	56152.42	56154.79688	56086.03073	56093.27734	504271.3	5411263.0

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4270.0	504271.3	5411264.8	66824.79688	329.43	0	48.854335	-86.941773	56137.04	56234.9	15.10	56152.14	56154.47656	56080.53577	56087.76172	504271.3	5411264.8
L4270.0	504271.3	5411264.8	66824.89844	329.16	0	48.854335	-86.941773	56137.44	56234.9	15.11	56152.55	56154.84375	56088.38050	56095.58203	504271.3	5411264.8
L4270.0	504271.3	5411266.5	66825.00000	328.41	0	48.854351	-86.941773	56137.37	56234.9	15.11	56152.48	56154.73438	56086.21529	56093.39063	504271.3	5411266.5
L4270.0	504271.3	5411266.5	66825.10156	327.72	0	48.854351	-86.941773	56137.32	56234.9	15.11	56152.43	56154.64453	56084.01688	56091.16406	504271.3	5411266.5
L4270.0	504271.2	5411268.6	66825.20313	327.04	0	48.854370	-86.941773	56137.54	56234.9	15.11	56152.65	56154.82031	56086.75548	56093.87109	504271.2	5411268.6
L4270.0	504271.2	5411270.1	66825.29688	326.77	0	48.854383	-86.941774	56137.56	56234.9	15.11	56152.67	56154.79688	56085.07469	56092.15625	504271.2	5411270.1
L4270.0	504271.2	5411272.0	66825.39844	328.78	0	48.854401	-86.941774	56137.82	56234.9	15.11	56152.94	56155.02344	56087.91331	56094.96094	504271.2	5411272.0
L4270.0	504271.2	5411272.0	66825.50000	328.61	0	48.854401	-86.941774	56138.23	56234.9	15.11	56153.35	56155.39063	56093.06921	56100.07813	504271.2	5411272.0
L4270.0	504271.2	5411273.8	66825.50000	328.61	0	48.854417	-86.941774	56138.06	56234.9	15.11	56153.17	56155.16406	56086.09906	56093.06641	504271.2	5411273.8
L4270.0	504271.1	5411275.2	66825.70313	327.65	0	48.854429	-86.941775	56138.32	56234.9	15.12	56153.44	56155.38672	56087.57886	56094.50391	504271.1	5411275.2
L4270.0	504271.1	5411275.2	66825.79688	327.95	0	48.854429	-86.941775	56138.66	56234.9	15.12	56153.78	56155.68359	56089.97652	56096.85938	504271.1	5411275.2
L4270.0	504271.1	5411277.0	66825.89844	327.34	0	48.854445	-86.941775	56138.86	56234.9	15.12	56153.97	56155.82422	56088.95340	56095.78906	504271.1	5411277.0
L4270.0	504271.1	5411278.8	66826.00000	326.40	0	48.854461	-86.941775	56139.08	56234.9	15.12	56154.20	56156.00781	56088.25396	56095.03906	504271.1	5411278.8
L4270.0	504271.1	5411280.3	66826.10156	325.00	0	48.854475	-86.941775	56139.56	56234.9	15.12	56154.68	56156.43750	56092.00682	56098.74219	504271.1	5411280.3
L4270.0	504271.1	5411280.3	66826.20313	325.75	0	48.854475	-86.941775	56140.28	56234.9	15.12	56155.40	56157.10938	56100.02452	56106.70313	504271.1	5411280.3
L4270.0	504271.1	5411282.1	66826.29688	327.43	0	48.854491	-86.941776	56140.30	56234.9	15.12	56155.42	56157.08203	56093.81002	56100.43359	504271.1	5411282.1
L4270.0	504271.1	5411283.8	66826.39844	328.65	0	48.854507	-86.941776	56140.78	56234.9	15.12	56155.91	56157.51953	56096.41196	56102.97656	504271.1	5411283.8
L4270.0	504271.1	5411283.8	66826.50000	329.94	0	48.854507	-86.941776	56141.39	56234.9	15.13	56156.52	56158.08203	56100.95833	56107.46484	504271.1	5411283.8
L4270.0	504271.0	5411285.6	66826.60156	328.59	0	48.854523	-86.941776	56141.61	56234.9	15.13	56156.74	56158.25000	56097.37671	56103.82031	504271.0	5411285.6
L4270.0	504271.0	5411285.6	66826.70313	328.97	0	48.854523	-86.941776	56142.40	56234.9	15.13	56157.53	56158.98828	56104.67609	56111.05469	504271.0	5411285.6
L4270.0	504271.0	5411286.8	66826.79688	330.53	0	48.854534	-86.941776	56142.66	56234.9	15.13	56157.78	56159.18750	56100.88201	56107.19531	504271.0	5411286.8
L4270.0	504271.0	5411288.6	66826.89844	332.72	0	48.854550	-86.941777	56143.46	56234.9	15.13	56158.59	56159.94141	56107.83242	56114.07813	504271.0	5411288.6
L4270.0	504271.0	5411290.1	66827.00000	330.30	0	48.854563	-86.941777	56143.70	56234.9	15.13	56158.82	56160.12109	56102.88865	56109.06250	504271.0	5411290.1
L4270.0	504271.0	5411290.1	66827.10156	328.15	0	48.854563	-86.941777	56144.65	56234.9	15.13	56159.78	56161.02734	56112.12158	56118.22266	504271.0	5411290.1
L4270.0	504270.9	5411292.1	66827.20313	328.76	0	48.854581	-86.941777	56144.90	56234.9	15.13	56160.02	56161.21094	56106.68184	56112.70703	504270.9	5411292.1
L4270.0	504270.9	5411293.3	66827.29688	328.12	0	48.854592	-86.941777	56145.68	56234.9	15.12	56160.80	56161.93750	56111.65890	56117.60938	504270.9	5411293.3
L4270.0	504270.9	5411293.3	66827.39844	329.09	0	48.854592	-86.941777	56146.44	56234.9	15.12	56161.56	56162.64453	56115.90754	56121.77734	504270.9	5411293.3
L4270.0	504270.9	5411294.8	66827.50000	329.21	0	48.854606	-86.941777	56146.68	56234.9	15.12	56161.80	56162.82813	56109.53042	56115.32031	504270.9	5411294.8
L4270.0	504270.9	5411296.3	66827.50000	329.21	0	48.854619	-86.941778	56147.73	56234.9	15.12	56162.85	56163.82422	56118.88684	56124.59766	504270.9	5411296.3
L4270.0	504270.9	5411298.1	66827.70313	330.31	0	48.854635	-86.941778	56148.10	56234.9	15.12	56163.22	56164.13672	56114.51326	56120.14063	504270.9	5411298.1
L4270.0	504270.9	5411298.1	66827.79688	328.56	0	48.854635	-86.941778	56148.92	56234.9	15.11	56164.03	56164.89063	56118.51155	56124.05078	504270.9	5411298.1
L4270.0	504270.9	5411299.6	66827.89844	328.94	0	48.854649	-86.941778	56149.71	56234.9	15.11	56164.83	56165.63281	56122.00426	56127.45703	504270.9	5411299.6
L4270.0	504270.9	5411301.7	66828.00000	329.89	0	48.854667	-86.941777	56150.49	56234.9	15.11	56165.60	56166.34766	56124.61426	56129.97656	504270.9	5411301.7
L4270.0	504270.9	5411303.2	66828.10156	329.68	0	48.854681	-86.941777	56151.06	56234.9	15.11	56166.17	56166.85938	56123.08638	56128.35938	504270.9	5411303.2
L4270.0	504270.9	5411303.2	66828.20313	327.65	0	48.854681	-86.941777	56151.72	56234.9	15.11	56166.84	56167.47266	56124.61241	56129.79297	504270.9	5411303.2
L4270.0	504270.9	5411304.8	66828.29688	325.31	0	48.854695	-86.941778	56152.80	56234.9	15.12	56167.92	56168.49609	56134.07158	56139.16016	504270.9	5411304.8
L4270.0	504270.9	5411306.6	66828.39844	325.71	0	48.854711	-86.941778	56153.40	56234.9	15.12	56168.52	56169.03906	56130.79917	56135.79297	504270.9	5411306.6
L4270.0	504270.9	5411306.6	66828.50000	326.57	0	48.854711	-86.941778	56154.21	56234.9	15.12	56169.33	56169.78906	56132.57589	56137.47266	504270.9	5411306.6
L4270.0	504270.9	5411308.3	66828.60156	323.63	0	48.854727	-86.941778	56155.07	56234.9	15.12	56170.20	56170.60156	56135.52565	56140.32422	504270.9	5411308.3
L4270.0	504270.9	5411308.3	66828.70313	324.37	0	48.854727	-86.941778	56156.13	56234.9	15.12	56171.26	56171.60547	56142.90765	56147.60938	504270.9	5411308.3
L4270.0	504270.9	5411309.8	66828.79688	323.27	0	48.854740	-86.941778	56156.75	56234.9	15.13	56171.88	56172.16406	56138.89709	56143.49609	504270.9	5411309.8
L4270.0	504270.9	5411311.3	66828.89844	325.11	0	48.854754	-86.941778	56157.67	56234.9	15.13	56172.80	56173.02734	56142.10493	56146.60156	504270.9	5411311.3
L4270.0	504270.9	5411313.2	66829.00000	325.20	0	48.854771	-86.941778	56158.80	56234.9	15.13	56173.93	56174.09766	56150.24506	56154.64063	504270.9	5411313.2
L4270.0	504270.9	5411313.2	66829.10156	325.42	0	48.854771	-86.941778	56159.32	56234.9	15.13	56174.45	56174.55859	56142.86738	56147.16016	504270.9	5411313.2
L4270.0	504270.9	5411315.3	66829.20313	325.13	0	48.854790	-86.941778	56160.31	56234.9	15.13	56175.44	56175.49219	56146.94594	56151.13281	504270.9	5411315.3
L4270.0	504270.9	5411317.2	66829.29688	324.17	0	48.854807	-86.941778	56161.32	56234.9	15.13	56176.45	56176.44141	56151.27852	56155.35938	504270.9	5411317.2
L4270.0	504270.9	5411317.2	66829.39844	323.91	0	48.854807	-86.941778	56162.28	56234.9	15.13	56177.40	56177.33594	56153.88225	56157.85547	504270.9	5411317.2
L4270.0	504270.9	5411318.9	66829.50000	324.02	0	48.854822	-86.941778	56162.89	56234.9	15.13	56178.01	56177.88672	56147.65238	56151.51953	504270.9	5411318.9
L4270.0	504270.9	5411320.7	66829.50000	324.02	0	48.854838	-86.941778	56164.02	56234.9	15.13	56179.14	56178.95703	56154.39518	56158.15234	504270.9	5411320.7
L4270.0	504270.9	5411322.2	66829.60156	325.29	0	48.854852	-86.941778	56165.02	56234.9	15.12	56180.15	56179.91016	56157.94199	56161.59375	504270.9	5411322.2
L4270.0	504270.9	5411322.2	66829.70313	325.81	0	48.854852	-86.941778	56165.72	56234.9	15.12	56180.85	56180.55078	56153.30382	56156.84375	504270.9	5411322.2
L4270.0	504270.9	5411324.2	66829.79688	326.91	0	48.854870	-86.941778	56166.86	56234.9	15.12	56181.98	56181.62109	56159.32447	56162.75391	504270.9	5411324.2
L4270.0	504270.9	5411325.7	66829.89844	329.52	0	48.854884	-86.941778	56167.93	56234.9	15.12	56183.05	56182.63281	56163.34230	56166.66016	504270.9	5411325.7
L4270.0	504270.9	5411327.0	66830.00000	330.62	0	48.854895	-86.941778	56168.84	56234.9	15.12	56183.96	56183.48438	56164.16669	56167.37500	504270.9	5411327.0
L4270.0	504270.9	5411327.0	66830.10156	331.18	0	48.854895	-86.941778	56169.66	56234.9	15.12	56184.78	56184.25000	56163.11614	56166.21094	504270.9	5411327.0
L4270.0	504270.9	5411328.7	66830.20313	331.05	0	48.854910	-86.941778	56170.73	56234.9	15.12	56185.85	56185.26172	56166.97164	56169.95703	504270.9	5411328.7
L4270.0	504270.9	5411330.6	66830.39844	330.25	0	48.854928	-86.941778	56171.54	56234.9	15.12	56186.66	56186.01172	56165.56166	56168.43359	504270.9	5411330.6
L4270.0	504270.9	5411330.6	66830.50000	330.39	0	48.854928	-86.941778	56172.50	56234.9	15.12	56187.62	56186.91406	56167.11944	56169.87891	504270.9	5411330.6
L4270.0	504270.9	5411332.1	66830.60156	332.09	0	48.854941	-86.941778	56173.82	56234.9	15.12	56188.94	56188.17969	56176.01189	56178.65625	504270.9	5411332.1
L4270.0	504270.9	5411333.9	66830.70313	331.16	0	48.854957	-86.941778	56174.66	56234.9	15.12	56189.78	56188.96094	56175.08870	56177.62109	504270.9	5411333.9
L4270.0	504270.9	5411333.9	66830.79688	330.85	0	48.854957	-86.941778	56175.64	56234.9	15.12	56190.76	56189.88672	56177.01385	56179.43359	504270.9	5411333.9
L4270.0	504270.9	5411335.7	66830.89844	329.41	0	48.854973	-86.941778	56176.70	56234.9	15.12	56191.82	56190.89063	56180.58606	56182.89063	504270.9	5411335.7
L4270.0	504270.9	5411337.2	66831.00000	330.63	0	48.854987	-86.941777	56177.54	56234.9	15.12	56192.66	56191.67578	56179.59859	56181.78906	504270.9	5411337.2
L4270.0	504270.9	5411337.2	66831.10156	332.65	0	48.854987	-86.941777	56178.39	56234.9	15.12	56193.51	56192.46875	56178.81541	56180.89453	504270.9	5411337.2
L4270.0	504270.9	5411338.7	66831.20313	332.39	0	48.855000	-86.941777	56179.73	56234.9	15.12	56194.86	56193.76563	56188.41544	56190.37891	504270.9	5411338.7
L4270.0	504270.9	5411340.2	66831.29688	331.09	0	48.855014	-86.941777	56180.27	56234.9	15.12	56195.39	56194.23828	56181.02196	56182.87500	504270.9	5411340.2
L4270.0	504270.9	5411341.7	66831.39844	331.97	0	48.855027	-86.941777	56181.52	56234.9	15.12	56196.64	56195.43359	56188.56298	56190.30078	504270.9	5411341.7
L4270.0	504271.0	5411343.5	66831.50000	330.37	0	48.855043	-86.941777	56182.57	56234.9	15.13	56197.69	56196.42969	56191.97165	56193.59766	504271.0	5411343.5
L4270.0	504271.0	5411343.5	66831.50000	330.37	0	48.855043	-86.941777	56183.40	56234.9	15.13	56198.53	56197.21875	56191.08256	56192.59375	504271.0	5411343.5
L4270.0	504271.0	5411345.0	66831.70313	329.56	0	48.855057	-86.941776	56184.13	56234.9	15.13	56199.26	56197.89453	56187.99673	56189.39844	504271.0	5411345.0
L4270.0	504271.0	5411346.4	66831.79688	328.82	0	48.855070	-86.941776	56185.39	56234.9	15.13	56200.51	56199.09375	56195.56665	56196.85547	504271.0	5411346.4
L4270.0	504271.0	5411346.4	66831.89844	328.77	0	48.855070	-86.941776	56186.28	56234.9	15.13	56201.41	56199.94141	56196.03718	56197.21484	504271.0	5411346.4
L4270.0	504271.0	5411348.9	66832.00000	327.36	0	48.855092	-86.941776	56187.20	56234.9	15.13	56202.33	56200.80859	56196.96818	56198.03516	504271.0	5411348.9
L4270.0	504271.0	5411350.7	66832.10156	329.23	0	48.855108	-86.941776	56188.08	56234.9	15.13	56203.21	56201.64063	56197.15642	56198.11328	504271.0	5411350.7
L4270.0	504271.0	5411350.7	66832.20313	328.06	0	48.855108	-86.941776	56189.15	56234.9	15.13	56204.28	56202.66016	56201.20308	56202.05078	504271.0	5411350.7
L4270.0	504271.0	5411352.3	66832.29688	327.06	0	48.855123	-86.941775	56189.50	56234.9	15.13	56204.63	56202.96094	56191.00664	56191.74219	504271.0	5411352.3
L4270.0	504271.0	5411354.3	66832.39844	327.46	0	48.855140	-86.941775	56190.81	56234.9	15.13	56205.94	56204.22266	56199.94301	56200.57031	504271.0	5411354.3
L4270.0	504271.0	5411354.3	66832.50000	328.04	0	48.855140	-86.941775	56191.63	56234.9	15.13	56206.75	56204.98438	56199.05821	56199.57813	504271.0	5411354.3
L4270.0	504271.0	5411355.8	66832.60156	330.07	0	48.855154	-86.941775	56192.78	56234.9	15.13	56207.91	56206.09375	56205.12454	56205.53906	504271.0	5411355.8
L4270.0	504271.1	5411357.6	66832.70313	328.64	0	48.855171	-86.941775	56193.50	56234.9	15.13	56208.63	56206.76953	56202.66106	56202.96875	504271.1	5411357.6
L4270.0	504271.1	5411358.9	66832.79688	328.07	0	48.855182	-86.941775	56194.41	56234.9	15.13	56209.54	56207.63281	56204.00829	56204.21094	504271.1	5411358.9
L4270.0	504271.1	5411358.9	66832.89844	326.22	0	48.855182	-86.941775	56195.41	56234.9	15.13	56210.54	56208.58594	56207.19216	56207.28906	504271.1	5411358.9
L4270.0	504271.1	5411360.9	66833.00000	325.28	0	48.855200	-86.941775	56196.63	56234.9	15.13	56211.76	56209.76172	56214.70414	56214.69922	504271.1	5411360.9
L4270.0	504271.1	5411360.9	66833.10156	326.31	0	48.855200	-86.941775	56197.62	56234.9	15.13	56212.75	56210.70703	56217.44342	56217.33594	504271.1	5411360.9
L4270.0	504271.1	5411362.5	66833.20313	326.22	0	48.855215	-86.941775	56198.25	56234.9	15.13	56213.39	56211.30078	56212.21664	56212.00781	504271.1	5411362.5
L4270.0	504271.1	5411363.8	66833.29688	329.03	0	48.855226	-86.941775	56199.48	56234.9	15.13	56214.62	56212.48828	56222.45019	56222.14063	504271.1	5411363.8
L4270.0	504271.1	5411365.3	66833.39844	328.53	0	48.855239	-86.941774	56200.20	56234.9	15.13	56215.33	56213.15625	56219.38882	56218.97656	504271.1	5411365.3
L4270.0	504271.1	5411365.3	66833.50000	328.41	0	48.855239	-86.941774	56200.88	56234.9	15.13	56216.02	56213.80469	56216.00685	56215.49609	504271.1	5411365.3
L4270.0	504271.1	5411367.0	66833.50000	328.41	0	48.855255	-86.941774	56201.86	56234.9	15.13	56217.00	56214.74609	56220.26944	56219.66406	504271.1	5411367.0
L4270.0	504271.1	5411368.8	66833.70313	326.94	0	48.855272	-86.941774	56202.73	56234.9	15.14	56217.86	56215.56641	56221.62562	56220.92188	504271.1	5411368.8
L4270.0	504271.1	5411370.5	66833.79688	325.53	0	48.855286	-86.941774	56203.36	56234.9	15.14	56218.50	56216.16406	56217.53702	56216.73828	504271.1	5411370.5
L4270.0	504271.1	5411370.5	66833.89844	323.10	0	48.855286	-86.941774	56204.45	56234.9	15.14	56219.59	56217.21484	56225.15439	56224.26172	504271.1	5411370.5
L4270.0	504271.2	5411372.1	66834.00000	324.32	0	48.855300	-86.941773	56205.33	56234.9	15.14	56220.47	56218.05859	56227.58923	56226.60547	504271.2	5411372.1

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4270.0	504271.2	5411373.4	66834.10156	323.68	0	48.855313	-86.941773	56206.22	56234.9	15.14	56221.36	56218.91016	56230.47531	56229.39844	504271.2	5411373.4
L4270.0	504271.2	5411373.4	66834.20313	324.46	0	48.855313	-86.941773	56206.79	56234.9	15.14	56221.93	56219.44531	56225.40393	56224.23828	504271.2	5411373.4
L4270.0	504271.2	5411375.2	66834.29688	326.02	0	48.855328	-86.941773	56207.88	56234.9	15.14	56223.02	56220.50000	56233.79399	56232.53906	504271.2	5411375.2
L4270.0	504271.3	5411376.8	66834.39844	326.03	0	48.855343	-86.941772	56208.88	56234.9	15.14	56224.02	56221.46484	56240.09531	56238.75391	504271.3	5411376.8
L4270.0	504271.3	5411376.8	66834.50000	327.22	0	48.855343	-86.941772	56209.36	56234.9	15.14	56224.50	56221.91016	56233.36319	56231.93750	504271.3	5411376.8
L4270.0	504271.3	5411378.5	66834.60156	326.35	0	48.855359	-86.941771	56210.22	56234.9	15.14	56225.36	56222.73828	56236.52509	56235.01563	504271.3	5411378.5
L4270.0	504271.4	5411380.2	66834.70313	327.27	0	48.855374	-86.941771	56210.67	56234.9	15.14	56225.81	56223.15625	56229.46045	56227.86719	504271.4	5411380.2
L4270.0	504271.4	5411380.2	66834.79688	327.59	0	48.855374	-86.941771	56211.15	56234.9	15.14	56226.29	56223.60156	56223.37671	56221.70313	504271.4	5411380.2
L4270.0	504271.4	5411382.4	66834.89844	326.05	0	48.855393	-86.941770	56212.19	56234.9	15.14	56227.33	56224.61328	56231.78114	56230.02734	504271.4	5411382.4
L4270.0	504271.5	5411383.8	66835.00000	326.91	0	48.855407	-86.941769	56213.17	56234.9	15.14	56228.31	56225.56250	56238.88359	56237.05078	504271.5	5411383.8
L4270.0	504271.5	5411385.3	66835.10156	325.60	0	48.855420	-86.941769	56213.93	56234.9	15.14	56229.07	56226.29297	56240.60682	56238.69922	504271.5	5411385.3
L4270.0	504271.5	5411386.8	66835.20313	324.77	0	48.855433	-86.941768	56214.82	56234.9	15.15	56229.97	56227.16406	56246.13242	56244.14844	504271.5	5411386.8
L4270.0	504271.5	5411386.8	66835.29688	325.55	0	48.855433	-86.941768	56215.48	56234.9	15.15	56230.63	56227.79688	56245.76721	56243.71094	504271.5	5411386.8
L4270.0	504271.5	5411386.8	66835.39844	326.24	0	48.855433	-86.941768	56216.06	56234.8	15.15	56231.21	56228.34766	56243.58870	56241.46094	504271.5	5411386.8
L4270.0	504271.5	5411389.7	66835.50000	327.67	0	48.855459	-86.941768	56216.89	56234.8	15.15	56232.05	56229.16406	56248.29379	56246.09766	504271.5	5411389.7
L4270.0	504271.5	5411389.7	66835.50000	327.67	0	48.855459	-86.941768	56217.56	56234.8	15.15	56232.71	56229.79688	56248.63432	56246.37109	504271.5	5411389.7
L4270.0	504271.6	5411391.2	66835.70313	325.82	0	48.855472	-86.941768	56217.91	56234.8	15.16	56233.07	56230.13281	56241.50857	56239.17578	504271.6	5411391.2
L4270.0	504271.6	5411393.2	66835.79688	327.71	0	48.855491	-86.941768	56218.61	56234.8	15.16	56233.77	56230.80859	56243.34255	56240.94531	504271.6	5411393.2
L4270.0	504271.6	5411393.2	66835.89844	327.88	0	48.855491	-86.941768	56219.20	56234.8	15.17	56234.37	56231.38672	56242.84262	56240.38281	504271.6	5411393.2
L4270.0	504271.6	5411394.6	66836.00000	327.14	0	48.855503	-86.941767	56219.42	56234.8	15.17	56234.59	56231.58203	56232.73638	56230.21875	504271.6	5411394.6
L4270.0	504271.6	5411396.2	66836.10156	326.23	0	48.855518	-86.941767	56220.18	56234.8	15.17	56235.35	56232.32031	56236.83234	56234.25391	504271.6	5411396.2
L4270.0	504271.6	5411397.4	66836.20313	325.96	0	48.855528	-86.941767	56221.05	56234.8	15.17	56236.21	56233.16016	56247.57782	56244.94531	504271.6	5411397.4
L4270.0	504271.6	5411397.4	66836.29688	326.92	0	48.855528	-86.941767	56221.77	56234.8	15.17	56236.93	56233.85938	56250.47398	56247.78516	504271.6	5411397.4
L4270.0	504271.7	5411399.1	66836.39844	325.00	0	48.855544	-86.941766	56222.18	56234.8	15.17	56237.35	56234.26172	56247.72675	56244.98438	504271.7	5411399.1
L4270.0	504271.7	5411400.8	66836.50000	325.46	0	48.855559	-86.941765	56222.73	56234.8	15.17	56237.90	56234.79297	56247.66200	56244.87109	504271.7	5411400.8
L4270.0	504271.8	5411402.0	66836.60156	327.35	0	48.855570	-86.941765	56223.37	56234.8	15.16	56238.54	56235.41406	56249.53580	56246.69531	504271.8	5411402.0
L4270.0	504271.8	5411403.3	66836.70313	328.43	0	48.855582	-86.941764	56224.01	56234.8	15.16	56239.17	56236.02734	56251.40090	56248.51172	504271.8	5411403.3
L4270.0	504271.8	5411403.3	66836.79688	327.55	0	48.855582	-86.941764	56224.53	56234.8	15.16	56239.69	56236.53125	56251.26000	56248.32813	504271.8	5411403.3
L4270.0	504271.9	5411404.8	66836.89844	328.33	0	48.855595	-86.941763	56225.13	56234.8	15.16	56240.29	56237.11328	56252.89082	56249.91406	504271.9	5411404.8
L4270.0	504271.9	5411404.8	66837.00000	329.74	0	48.855595	-86.941763	56225.84	56234.8	15.16	56241.00	56237.80859	56256.93794	56253.92188	504271.9	5411404.8
L4270.0	504272.0	5411407.0	66837.10156	331.33	0	48.855615	-86.941762	56226.18	56234.8	15.16	56241.34	56238.13281	56253.65593	56250.60156	504272.0	5411407.0
L4270.0	504272.0	5411407.8	66837.20313	330.98	0	48.855622	-86.941762	56226.79	56234.8	15.16	56241.95	56238.73047	56256.03746	56252.94531	504272.0	5411407.8
L4270.0	504272.0	5411409.0	66837.29688	331.14	0	48.855633	-86.941761	56227.40	56234.8	15.17	56242.56	56239.32813	56258.61229	56255.48828	504272.0	5411409.0
L4270.0	504272.1	5411410.4	66837.39844	330.69	0	48.855646	-86.941761	56228.07	56234.8	15.17	56243.24	56239.99609	56262.83879	56259.67969	504272.1	5411410.4
L4270.0	504272.1	5411410.4	66837.50000	331.38	0	48.855646	-86.941761	56228.50	56234.8	15.17	56243.67	56240.41406	56262.02674	56258.83984	504272.1	5411410.4
L4270.0	504272.1	5411412.4	66837.50000	331.38	0	48.855663	-86.941760	56228.71	56234.8	15.17	56243.88	56240.60938	56256.71151	56253.49609	504272.1	5411412.4
L4270.0	504272.2	5411413.6	66837.70313	330.96	0	48.855675	-86.941759	56229.19	56234.8	15.17	56244.36	56241.07813	56257.21886	56253.97656	504272.2	5411413.6
L4270.0	504272.2	5411413.6	66837.79688	331.87	0	48.855675	-86.941759	56229.45	56234.8	15.18	56244.63	56241.33984	56253.40783	56250.14063	504272.2	5411413.6
L4270.0	504272.2	5411415.0	66837.89844	332.22	0	48.855686	-86.941759	56230.28	56234.8	15.18	56245.46	56242.16016	56261.69331	56258.40625	504272.2	5411415.0
L4270.0	504272.2	5411415.0	66838.00000	332.04	0	48.855686	-86.941759	56230.52	56234.8	15.18	56245.70	56242.39063	56257.52781	56254.22266	504272.2	5411415.0
L4270.0	504272.3	5411416.9	66838.10156	333.06	0	48.855704	-86.941758	56231.28	56234.8	15.18	56246.46	56243.14063	56264.65528	56261.33203	504272.3	5411416.9
L4270.0	504272.3	5411418.7	66838.20313	333.77	0	48.855720	-86.941757	56231.74	56234.8	15.18	56246.92	56243.59375	56265.49617	56262.15625	504272.3	5411418.7
L4270.0	504272.3	5411420.0	66838.29688	333.71	0	48.855731	-86.941757	56232.02	56234.8	15.18	56247.20	56243.86328	56262.61324	56259.26172	504272.3	5411420.0
L4270.0	504272.4	5411421.3	66838.39844	333.43	0	48.855743	-86.941757	56232.20	56234.8	15.18	56247.38	56244.03906	56257.73386	56254.37109	504272.4	5411421.3
L4270.0	504272.4	5411421.3	66838.50000	332.12	0	48.855743	-86.941757	56232.77	56234.8	15.18	56247.95	56244.60156	56261.35905	56257.98828	504272.4	5411421.3
L4270.0	504272.4	5411422.5	66838.60156	331.45	0	48.855754	-86.941756	56233.19	56234.8	15.18	56248.37	56245.01563	56261.90863	56258.53125	504272.4	5411422.5
L4270.0	504272.4	5411422.5	66838.70313	328.20	0	48.855754	-86.941756	56233.89	56234.8	15.18	56249.07	56245.70703	56268.54445	56265.16406	504272.4	5411422.5
L4270.0	504272.4	5411424.1	66838.79688	328.65	0	48.855769	-86.941756	56234.47	56234.8	15.18	56249.65	56246.28125	56272.72806	56269.34375	504272.4	5411424.1
L4270.0	504272.4	5411425.5	66838.89844	328.66	0	48.855781	-86.941756	56234.52	56234.8	15.18	56249.70	56246.32813	56265.85381	56262.46875	504272.4	5411425.5
L4270.0	504272.4	5411426.7	66839.00000	330.39	0	48.855792	-86.941757	56235.14	56234.8	15.18	56250.32	56246.94141	56271.12981	56267.75000	504272.4	5411426.7
L4270.0	504272.4	5411426.7	66839.10156	331.54	0	48.855792	-86.941757	56235.11	56234.8	15.18	56250.29	56246.90625	56262.93991	56259.56250	504272.4	5411426.7
L4270.0	504272.3	5411428.2	66839.20313	330.12	0	48.855805	-86.941757	56235.49	56234.8	15.18	56250.67	56247.28516	56263.47933	56260.10938	504272.3	5411428.2
L4270.0	504272.3	5411429.6	66839.29688	331.53	0	48.855818	-86.941757	56235.68	56234.8	15.18	56250.86	56247.46875	56260.22550	56256.86328	504272.3	5411429.6
L4270.0	504272.3	5411429.6	66839.39844	328.39	0	48.855818	-86.941757	56236.18	56234.8	15.18	56251.36	56247.96484	56263.51975	56260.16797	504272.3	5411429.6
L4270.0	504272.3	5411431.4	66839.50000	330.51	0	48.855835	-86.941757	56236.46	56234.8	15.18	56251.64	56248.24219	56262.41155	56259.07422	504272.3	5411431.4
L4270.0	504272.2	5411432.8	66839.50000	330.51	0	48.855847	-86.941758	56236.75	56234.8	15.18	56251.93	56248.53125	56261.64932	56258.32813	504272.2	5411432.8
L4270.0	504272.2	5411432.8	66839.70313	326.17	0	48.855847	-86.941758	56237.28	56234.8	15.18	56252.46	56249.05859	56265.92506	56262.62109	504272.2	5411432.8
L4270.0	504272.2	5411434.5	66839.79688	326.13	0	48.855862	-86.941759	56237.48	56234.8	15.18	56252.66	56249.25391	56263.58790	56260.30078	504272.2	5411434.5
L4270.0	504272.1	5411435.4	66839.89844	327.48	0	48.855870	-86.941759	56237.96	56234.8	15.18	56253.14	56249.73438	56267.09224	56263.82813	504272.1	5411435.4
L4270.0	504272.1	5411435.4	66840.00000	329.49	0	48.855870	-86.941759	56237.76	56234.8	15.18	56252.94	56249.53125	56256.86130	56253.62109	504272.1	5411435.4
L4270.0	504272.1	5411436.7	66840.10156	328.22	0	48.855882	-86.941760	56238.28	56234.8	15.18	56253.46	56250.05078	56261.42885	56258.21484	504272.1	5411436.7
L4270.0	504272.0	5411437.8	66840.20313	328.29	0	48.855891	-86.941761	56238.38	56234.8	15.18	56253.56	56250.14844	56257.54568	56254.35938	504272.0	5411437.8
L4270.0	504272.0	5411438.9	66840.29688	326.52	0	48.855901	-86.941762	56238.92	56234.8	15.18	56254.10	56250.68750	56262.76517	56259.60547	504272.0	5411438.9
L4270.0	504272.0	5411438.9	66840.39844	327.43	0	48.855901	-86.941762	56239.43	56234.8	15.18	56254.61	56251.19531	56267.49856	56264.37109	504272.0	5411438.9
L4270.0	504271.9	5411439.9	66840.50000	328.41	0	48.855911	-86.941762	56239.37	56234.8	15.18	56254.55	56251.13672	56260.66155	56257.57031	504271.9	5411439.9
L4270.0	504271.8	5411441.1	66840.60156	329.43	0	48.855922	-86.941763	56239.86	56234.8	15.19	56255.04	56251.62500	56265.21221	56262.15625	504271.8	5411441.1
L4270.0	504271.8	5411442.1	66840.70313	331.05	0	48.855931	-86.941764	56239.91	56234.8	15.19	56255.10	56251.68359	56261.03235	56258.01563	504271.8	5411442.1
L4270.0	504271.8	5411442.1	66840.79688	330.82	0	48.855931	-86.941764	56240.42	56234.8	15.19	56255.61	56252.19141	56266.21280	56263.23438	504271.8	5411442.1
L4270.0	504271.7	5411443.3	66840.89844	331.55	0	48.855942	-86.941765	56240.52	56234.8	15.19	56255.71	56252.29297	56263.05356	56260.11719	504271.7	5411443.3
L4270.0	504271.7	5411443.3	66841.00000	331.35	0	48.855942	-86.941765	56240.68	56234.8	15.19	56255.87	56252.45313	56261.22783	56258.33984	504271.7	5411443.3
L4270.0	504271.5	5411445.9	66841.10156	331.94	0	48.855965	-86.941768	56241.03	56234.8	15.19	56256.22	56252.80078	56263.41260	56260.57031	504271.5	5411445.9
L4270.0	504271.5	5411445.9	66841.20313	330.77	0	48.855965	-86.941768	56241.11	56234.8	15.19	56256.30	56252.88281	56260.13920	56257.34375	504271.5	5411445.9
L4270.0	504271.5	5411446.9	66841.29688	330.70	0	48.855973	-86.941768	56241.60	56234.8	15.19	56256.79	56253.37109	56265.38588	56262.64063	504271.5	5411446.9
L4270.0	504271.5	5411446.9	66841.39844	331.36	0	48.855973	-86.941768	56241.66	56234.8	15.19	56256.85	56253.42969	56261.90027	56259.20703	504271.5	5411446.9
L4270.0	504271.4	5411448.2	66841.50000	331.30	0	48.855985	-86.941769	56242.11	56234.8	15.19	56257.30	56253.87891	56266.49014	56263.85156	504271.4	5411448.2
L4270.0	504271.4	5411449.3	66841.50000	331.30	0	48.855995	-86.941770	56242.18	56234.8	15.19	56257.37	56253.94922	56263.40721	56260.82422	504271.4	5411449.3
L4270.0	504271.4	5411449.3	66841.70313	329.32	0	48.855995	-86.941770	56242.90	56234.8	15.19	56258.09	56254.67188	56273.63203	56271.10547	504271.4	5411449.3
L4270.0	504271.3	5411450.4	66841.79688	326.34	0	48.856005	-86.941771	56242.92	56234.8	15.19	56258.11	56254.69141	56269.71663	56267.25000	504271.3	5411450.4
L4270.0	504271.3	5411450.4	66841.89844	327.11	0	48.856005	-86.941771	56243.10	56234.8	15.19	56258.29	56254.87109	56269.14599	56266.74219	504271.3	5411450.4
L4270.0	504271.3	5411451.3	66842.00000	327.16	0	48.856013	-86.941771	56243.05	56234.8	15.19	56258.24	56254.82031	56264.03606	56261.69531	504271.3	5411451.3
L4270.0	504271.2	5411452.4	66842.10156	328.20	0	48.856023	-86.941772	56243.15	56234.8	15.19	56258.34	56254.91797	56262.05181	56259.77734	504271.2	5411452.4
L4270.0	504271.2	5411452.4	66842.20313	328.00	0	48.856023	-86.941772	56243.48	56234.8	15.19	56258.67	56255.25000	56264.78356	56262.57813	504271.2	5411452.4
L4270.0	504271.2	5411453.6	66842.29688	326.20	0	48.856034	-86.941772	56243.51	56234.8	15.19	56258.70	56255.27734	56261.56717	56259.42969	504271.2	5411453.6
L4270.0	504271.1	5411454.3	66842.39844	326.21	0	48.856041	-86.941773	56244.28	56234.8	15.19	56259.47	56256.04688	56273.33998	56271.27344	504271.1	5411454.3
L4270.0	504271.1	5411455.3	66842.50000	326.96	0	48.856049	-86.941773	56243.89	56234.8	15.19	56259.08	56255.65625	56261.81818	56259.82422	504271.1	5411455.3
L4270.0	504271.1	5411455.3	66842.60156	326.55	0	48.856049	-86.941773	56244.28	56234.8	15.20	56259.47	56256.04688	56266.12629	56264.20703	504271.1	5411455.3
L4270.0	504271.1	5411456.2	66842.70313	328.63	0	48.856057	-86.941773	56244.34	56234.8	15.20	56259.54	56256.11719	56264.02936	56262.18359	504271.1	5411456.2
L4270.0	504271.1	5411457.0	66842.79688	328.52	0	48.856065	-86.941773	56245.02	56234.8	15.20	56260.22	56256.79297	56274.52720	56272.75781	504271.1	5411457.0
L4270.0	504271.1	5411457.0	66842.89844	328.27	0	48.856065	-86.941773	56245.02	56234.8	15.20	56260.22	56256.79297	56271.17503	56269.48438	504271.1	5411457.0
L4270.0	504271.1	5411458.3	66843.00000	328.14	0	48.856076	-86.941773	56245.52	56234.8	15.20	56260.72	56257.29297	56278.29933	56276.69141	504271.1	5411458.3
L4270.0	504271.1	5411458.3	66843.10156	330.75	0	48.856076	-86.941773	56245.29	56234.8	15.20	56260.49	56257.06250	56270.22334	56268.69531	504271.1	5411458.3
L4270.0	504271.1	5411459.2	66843.20313	330.29	0	48.856084	-86.941773	56245.63	56234.8	15.20	56260.83	56257.40234	56274.20806	56272.76563	504271.1	5411459.2
L4270.0	504271.1	5411459.9	66843.29688	333.70	0	48.856090	-86.941773	56245.86	56234.8	15.20	56261.06	56257.62891	56275.96832	56274.60938	504271.1	5411459.9

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4270.0	504271.1	5411459.9	66843.39844	333.31	0	48.856090	-86.941773	56245.63	56234.8	15.20	56260.83	56257.39844	56267.83922	56266.56641	504271.1	5411459.9
L4270.0	504271.2	5411460.7	66843.50000	331.59	0	48.856098	-86.941773	56246.04	56234.8	15.21	56261.24	56257.80469	56273.63271	56272.44922	504271.2	5411460.7
L4270.0	504271.2	5411461.4	66843.50000	331.59	0	48.856104	-86.941772	56246.01	56234.8	15.21	56261.21	56257.77344	56269.86858	56268.77344	504271.2	5411461.4
L4270.0	504271.2	5411462.1	66843.70313	333.41	0	48.856110	-86.941772	56246.42	56234.8	15.21	56261.63	56258.19141	56276.09161	56275.08594	504271.2	5411462.1
L4270.0	504271.2	5411462.1	66843.79688	334.20	0	48.856110	-86.941772	56246.52	56234.8	15.21	56261.73	56258.28906	56275.28839	56274.37500	504271.2	5411462.1
L4270.0	504271.2	5411463.1	66843.89844	335.02	0	48.856119	-86.941772	56246.88	56234.8	15.21	56262.08	56258.63672	56280.11656	56279.29688	504271.2	5411463.1
L4270.0	504271.2	5411463.1	66844.00000	336.07	0	48.856119	-86.941772	56246.67	56234.8	15.21	56261.88	56258.43750	56272.65599	56271.92969	504271.2	5411463.1
L4270.0	504271.2	5411463.9	66844.10156	336.39	0	48.856126	-86.941772	56246.76	56234.8	15.21	56261.97	56258.52344	56271.72625	56271.09766	504271.2	5411463.9
L4270.0	504271.2	5411464.4	66844.20313	334.76	0	48.856131	-86.941771	56247.16	56234.8	15.21	56262.37	56258.92188	56277.78983	56277.25781	504271.2	5411464.4
L4270.0	504271.3	5411465.0	66844.29688	334.32	0	48.856137	-86.941771	56246.98	56234.8	15.21	56262.19	56258.73828	56270.87853	56270.44141	504271.3	5411465.0
L4270.0	504271.3	5411465.5	66844.39844	335.28	0	48.856141	-86.941771	56247.33	56234.8	15.21	56262.55	56259.09766	56276.08000	56275.74219	504271.3	5411465.5
L4270.0	504271.3	5411465.5	66844.50000	332.74	0	48.856141	-86.941771	56247.44	56234.8	15.21	56262.66	56259.20313	56275.71686	56275.48047	504271.3	5411465.5
L4270.0	504271.3	5411466.3	66844.60156	333.87	0	48.856148	-86.941771	56247.51	56234.8	15.22	56262.72	56259.26172	56274.28438	56274.14844	504271.3	5411466.3
L4270.0	504271.3	5411466.8	66844.70313	332.41	0	48.856153	-86.941771	56247.70	56234.8	15.22	56262.92	56259.45703	56275.94875	56275.91406	504271.3	5411466.8
L4270.0	504271.3	5411466.8	66844.79688	332.30	0	48.856153	-86.941771	56247.62	56234.8	15.22	56262.84	56259.37500	56271.57328	56271.64063	504271.3	5411466.8
L4270.0	504271.3	5411467.4	66844.89844	328.79	0	48.856158	-86.941770	56247.79	56234.8	15.22	56263.00	56259.53125	56272.43062	56272.60156	504271.3	5411467.4
L4270.0	504271.3	5411467.9	66845.00000	329.40	0	48.856163	-86.941770	56247.80	56234.8	15.22	56263.02	56259.54688	56270.35028	56270.62500	504271.3	5411467.9
L4270.0	504271.3	5411467.9	66845.10156	330.42	0	48.856163	-86.941770	56248.16	56234.8	15.22	56263.38	56259.90234	56275.40517	56275.78516	504271.3	5411467.9
L4270.0	504271.3	5411468.5	66845.20313	330.75	0	48.856168	-86.941770	56248.31	56234.8	15.22	56263.53	56260.05078	56276.05119	56276.53906	504271.3	5411468.5
L4270.0	504271.3	5411468.9	66845.29688	330.62	0	48.856171	-86.941771	56248.56	56234.8	15.22	56263.78	56260.29688	56278.72231	56279.31641	504271.3	5411468.9
L4270.0	504271.3	5411468.9	66845.39844	329.54	0	48.856171	-86.941771	56248.38	56234.8	15.22	56263.60	56260.11328	56272.78312	56273.48438	504271.3	5411468.9
L4270.0	504271.3	5411469.4	66845.50000	326.93	0	48.856176	-86.941771	56248.41	56234.8	15.22	56263.63	56260.14063	56271.15497	56271.96094	504271.3	5411469.4
L4270.0	504271.3	5411469.8	66845.50000	326.93	0	48.856180	-86.941771	56248.38	56234.8	15.22	56263.60	56260.10547	56268.43063	56269.34766	504271.3	5411469.8
L4270.0	504271.2	5411470.2	66845.70313	324.31	0	48.856184	-86.941771	56248.28	56234.8	15.22	56263.50	56260.00000	56263.87567	56264.90234	504271.2	5411470.2
L4270.0	504271.2	5411470.2	66845.79688	324.20	0	48.856184	-86.941771	56248.36	56234.8	15.22	56263.58	56260.07813	56263.56148	56264.69531	504271.2	5411470.2
L4270.0	504271.2	5411470.6	66845.89844	323.01	0	48.856187	-86.941771	56248.16	56234.8	15.22	56263.38	56259.87109	56256.14779	56257.39063	504271.2	5411470.6
L4270.0	504271.2	5411470.9	66846.00000	323.30	0	48.856190	-86.941772	56248.36	56234.8	15.22	56263.58	56260.07031	56258.95478	56260.30859	504271.2	5411470.9
L4270.0	504271.2	5411471.3	66846.10156	323.98	0	48.856193	-86.941772	56248.43	56234.8	15.22	56263.66	56260.14453	56258.71370	56260.17969	504271.2	5411471.3
L4270.0	504271.2	5411471.3	66846.20313	328.19	0	48.856193	-86.941772	56248.74	56234.8	15.22	56263.96	56260.44141	56263.93285	56265.50781	504271.2	5411471.3
L4270.0	504271.2	5411471.6	66846.29688	329.03	0	48.856196	-86.941772	56248.76	56234.8	15.22	56263.99	56260.46484	56262.41538	56264.10156	504271.2	5411471.6
L4270.0	504271.2	5411471.6	66846.39844	330.10	0	48.856196	-86.941772	56248.64	56234.8	15.22	56263.87	56260.33984	56257.21650	56259.01563	504271.2	5411471.6
L4270.0	504271.2	5411471.9	66846.50000	328.71	0	48.856199	-86.941772	56248.84	56234.8	15.23	56264.07	56260.53516	56259.87651	56261.78906	504271.2	5411471.9
L4270.0	504271.2	5411472.2	66846.60156	328.42	0	48.856201	-86.941772	56248.82	56234.8	15.23	56264.05	56260.51172	56257.13025	56259.15234	504271.2	5411472.2
L4270.0	504271.2	5411472.4	66846.70313	328.36	0	48.856203	-86.941772	56249.04	56234.8	15.23	56264.27	56260.72656	56260.21613	56262.35156	504271.2	5411472.4
L4270.0	504271.2	5411472.4	66846.79688	325.38	0	48.856203	-86.941772	56249.07	56234.8	15.23	56264.30	56260.75391	56258.65076	56260.89844	504271.2	5411472.4
L4300.0	504300.5	5408639.9	7455.20020	224.18	49.13	48.830722	-86.941402	56137.79	56250.8	-0.82	56136.97	56137.55078	56136.90600	56137.65234	504300.5	5408639.9
L4300.0	504300.6	5408639.7	7455.29981	222.41	47.88	48.830720	-86.941401	56137.77	56250.8	-0.81	56136.96	56137.75391	56136.98044	56137.92969	504300.6	5408639.7
L4300.0	504300.6	5408639.5	7455.39990	224.68	47.88	48.830718	-86.941401	56137.77	56250.8	-0.81	56136.96	56137.96094	56137.05429	56138.20703	504300.6	5408639.5
L4300.0	504300.6	5408639.5	7455.50000	223.46	47.8	48.830718	-86.941401	56137.75	56250.8	-0.81	56136.94	56138.15234	56137.12956	56138.48828	504300.6	5408639.5
L4300.0	504300.6	5408639.2	7455.60010	224.07	47.8	48.830716	-86.941401	56137.72	56250.8	-0.81	56136.91	56138.33203	56137.20558	56138.76563	504300.6	5408639.2
L4300.0	504300.7	5408638.9	7455.70020	221.43	45.84	48.830713	-86.941400	56137.72	56250.8	-0.81	56136.92	56138.55078	56137.27901	56139.04297	504300.7	5408638.9
L4300.0	504300.7	5408638.4	7456.00000	220.62	44.94	48.830708	-86.941399	56137.82	56250.8	-0.80	56137.02	56138.86328	56137.34654	56139.31250	504300.7	5408638.4
L4300.0	504300.8	5408638.0	7456.10010	221.19	44.94	48.830705	-86.941398	56137.82	56250.8	-0.80	56137.02	56139.07031	56137.42082	56139.58594	504300.8	5408638.0
L4300.0	504300.9	5408637.6	7456.20020	221.51	45.17	48.830702	-86.941397	56137.82	56250.8	-0.80	56137.02	56139.27734	56137.49520	56139.86328	504300.9	5408637.6
L4300.0	504300.9	5408637.3	7456.29981	222.14	45.17	48.830699	-86.941396	56137.82	56250.8	-0.81	56137.01	56139.47656	56137.57033	56140.13672	504300.9	5408637.3
L4300.0	504300.9	5408637.3	7456.39990	224.57	46.03	48.830699	-86.941396	56137.80	56250.8	-0.81	56136.99	56139.66016	56137.64623	56140.41016	504300.9	5408637.3
L4300.0	504301.0	5408636.9	7456.50000	225.38	45.06	48.830695	-86.941396	56137.82	56250.8	-0.81	56137.01	56139.88672	56137.71956	56140.67969	504301.0	5408636.9
L4300.0	504301.0	5408636.4	7456.60010	225.17	45.06	48.830690	-86.941395	56137.85	56250.8	-0.81	56137.04	56140.12109	56137.79232	56140.94922	504301.0	5408636.4
L4300.0	504301.0	5408636.4	7456.70020	226.56	45.81	48.830690	-86.941395	56137.86	56250.8	-0.81	56137.05	56140.33203	56137.86651	56141.21875	504301.0	5408636.4
L4300.0	504301.1	5408636.0	7456.79981	226.69	45.81	48.830687	-86.941395	56137.95	56250.8	-0.82	56137.13	56140.61328	56137.93614	56141.48047	504301.1	5408636.0
L4300.0	504301.1	5408635.6	7456.89990	225.46	43.72	48.830683	-86.941394	56138.00	56250.8	-0.82	56137.18	56140.86328	56138.00788	56141.74609	504301.1	5408635.6
L4300.0	504301.1	5408635.1	7457.00000	226.74	43.72	48.830679	-86.941393	56138.06	56250.8	-0.82	56137.24	56141.12109	56138.07905	56142.00391	504301.1	5408635.1
L4300.0	504301.1	5408635.1	7457.10010	226.23	45.51	48.830679	-86.941393	56138.07	56250.8	-0.82	56137.25	56141.32813	56138.15367	56142.26953	504301.1	5408635.1
L4300.0	504301.2	5408634.5	7457.20020	225.32	45.51	48.830674	-86.941393	56138.13	56250.8	-0.81	56137.32	56141.58984	56138.22439	56142.52344	504301.2	5408634.5
L4300.0	504301.2	5408634.5	7457.29981	225.51	44.72	48.830674	-86.941393	56138.16	56250.8	-0.81	56137.35	56141.81250	56138.29790	56142.78125	504301.2	5408634.5
L4300.0	504301.2	5408633.6	7457.39990	226.77	44.72	48.830665	-86.941392	56138.17	56250.8	-0.81	56137.36	56142.01563	56138.37285	56143.03906	504301.2	5408633.6
L4300.0	504301.2	5408633.6	7457.50000	226.59	43.13	48.830665	-86.941392	56138.28	56250.8	-0.81	56137.47	56142.31250	56138.44125	56143.28516	504301.2	5408633.6
L4300.0	504301.2	5408633.1	7457.60010	225.09	41.28	48.830661	-86.941392	56138.33	56250.8	-0.80	56137.53	56142.55859	56138.51310	56143.53516	504301.2	5408633.1
L4300.0	504301.2	5408632.6	7457.70020	225.71	41.28	48.830656	-86.941392	56138.35	56250.8	-0.80	56137.55	56142.76563	56138.58774	56143.78516	504301.2	5408632.6
L4300.0	504301.2	5408632.6	7457.79981	225.32	39.55	48.830656	-86.941392	56138.46	56250.8	-0.80	56137.66	56143.05859	56138.65650	56144.02344	504301.2	5408632.6
L4300.0	504301.3	5408632.1	7457.89990	225.63	39.55	48.830652	-86.941392	56138.47	56250.8	-0.79	56137.68	56143.25781	56138.73137	56144.26953	504301.3	5408632.1
L4300.0	504301.3	5408631.6	7458.00000	224.12	41.12	48.830647	-86.941392	56138.58	56250.8	-0.79	56137.79	56143.54297	56138.80037	56144.50391	504301.3	5408631.6
L4300.0	504301.3	5408631.2	7458.10010	221.56	41.12	48.830644	-86.941392	56138.63	56250.8	-0.79	56137.84	56143.76953	56138.87350	56144.74219	504301.3	5408631.2
L4300.0	504301.3	5408631.2	7458.20020	222.66	43.51	48.830644	-86.941392	56138.69	56250.8	-0.80	56137.89	56143.99219	56138.94675	56144.97656	504301.3	5408631.2
L4300.0	504301.3	5408630.6	7458.29981	221.74	43.65	48.830638	-86.941391	56138.73	56250.8	-0.80	56137.93	56144.19922	56139.02079	56145.20703	504301.3	5408630.6
L4300.0	504301.3	5408630.0	7458.39990	224.05	43.65	48.830633	-86.941391	56138.76	56250.8	-0.80	56137.96	56144.39453	56139.09563	56145.43750	504301.3	5408630.0
L4300.0	504301.3	5408629.5	7458.50000	224.01	43.01	48.830628	-86.941391	56138.86	56250.8	-0.81	56138.05	56144.64844	56139.16659	56145.66016	504301.3	5408629.5
L4300.0	504301.3	5408629.5	7458.60010	224.61	42.52	48.830628	-86.941391	56138.98	56250.8	-0.81	56138.17	56144.92969	56139.23569	56145.87891	504301.3	5408629.5
L4300.0	504301.3	5408628.3	7458.70020	224.94	42.52	48.830617	-86.941391	56138.96	56250.8	-0.81	56138.15	56145.06641	56139.31425	56146.10156	504301.3	5408628.3
L4300.0	504301.3	5408628.3	7458.79981	224.83	44.79	48.830617	-86.941391	56139.04	56250.8	-0.81	56138.22	56145.29297	56139.38694	56146.31641	504301.3	5408628.3
L4300.0	504301.3	5408627.7	7458.89990	226.73	44.79	48.830612	-86.941391	56139.11	56250.8	-0.82	56138.29	56145.51172	56139.45976	56146.52734	504301.3	5408627.7
L4300.0	504301.4	5408627.0	7459.00000	226.62	45.63	48.830606	-86.941391	56139.20	56250.8	-0.82	56138.38	56145.75000	56139.53138	56146.73438	504301.4	5408627.0
L4300.0	504301.4	5408627.0	7459.10010	227.71	45.27	48.830606	-86.941391	56139.23	56250.8	-0.82	56138.42	56145.93750	56139.60646	56146.94141	504301.4	5408627.0
L4300.0	504301.4	5408626.2	7459.20020	228.32	45.27	48.830599	-86.941391	56139.31	56250.8	-0.82	56138.50	56146.15625	56139.67901	56147.14453	504301.4	5408626.2
L4300.0	504301.4	5408625.6	7459.29981	227.46	46.4	48.830593	-86.941391	56139.38	56250.8	-0.81	56138.56	56146.35547	56139.75303	56147.33984	504301.4	5408625.6
L4300.0	504301.4	5408624.9	7459.39990	228.02	46.4	48.830587	-86.941390	56139.52	56250.8	-0.81	56138.70	56146.62891	56139.82185	56147.53125	504301.4	5408624.9
L4300.0	504301.4	5408624.3	7459.50000	228.20	46.92	48.830581	-86.941390	56139.56	56250.8	-0.81	56138.75	56146.80859	56139.89680	56147.72266	504301.4	5408624.3
L4300.0	504301.4	5408624.3	7459.60010	227.30	47.38	48.830581	-86.941390	56139.62	56250.8	-0.81	56138.81	56146.99609	56139.97122	56147.91016	504301.4	5408624.3
L4300.0	504301.4	5408623.7	7459.70020	228.15	47.38	48.830576	-86.941390	56139.64	56250.8	-0.81	56138.83	56147.14063	56140.04843	56148.09375	504301.4	5408623.7
L4300.0	504301.4	5408622.9	7459.79981	227.56	48.89	48.830569	-86.941391	56139.79	56250.8	-0.80	56138.99	56147.41797	56140.11645	56148.26953	504301.4	5408622.9
L4300.0	504301.4	5408622.1	7459.89990	228.64	48.89	48.830562	-86.941391	56139.89	56250.8	-0.80	56139.09	56147.63672	56140.18860	56148.44141	504301.4	5408622.1
L4300.0	504301.4	5408622.1	7460.00000	228.34	43.02	48.830562	-86.941391	56139.89	56250.8	-0.80	56139.09	56147.75000	56140.26754	56148.61719	504301.4	5408622.1
L4300.0	504301.4	5408621.3	7460.10010	226.16	46.88	48.830555	-86.941391	56140.05	56250.8	-0.80	56139.25	56148.01563	56140.33595	56148.78125	504301.4	5408621.3
L4300.0	504301.3	5408620.4	7460.20020	224.23	47.62	48.830547	-86.941391	56140.13	56250.8	-0.80	56139.32	56148.19141	56140.41049	56148.94141	504301.3	5408620.4
L4300.0	504301.3	5408619.8	7460.29981	225.19	47.62	48.830541	-86.941391	56140.28	56250.8	-0.80	56139.48	56148.45313	56140.47915	56149.09766	504301.3	5408619.8
L4300.0	504301.3	5408619.8	7460.39990	224.24	46.82	48.830541	-86.941391	56140.30	56250.8	-0.80	56139.50	56148.57031	56140.55728	56149.25781	504301.3	5408619.8
L4300.0	504301.3	5408618.0	7460.50000	223.98	46.82	48.830525	-86.941391	56140.40	56250.8	-0.80	56139.60	56148.76172	56140.63019	56149.40625	504301.3	5408618.0
L4300.0	504301.3	5408618.0	7460.60010	223.14	44.98	48.830525	-86.941391	56140.50	56250.8	-0.80	56139.70	56148.95313	56140.70323	56149.55078	504301.3	5408618.0
L4300.0	504301.3	5408617.1	7460.70020	224.57	44.98	48.830517	-86.941391	56140.56	56250.8	-0.80	56139.75	56149.08984	56140.77973	56149.69922	504301.3	5408617.1
L4300.0	504301.3	5408616.3	7460.79981	223.50	49.34	48.830510	-86.941391	56140.72	56250.8	-0.80	56139.92	56149.33984	56140.84835	56149.83203	504301.3	5408616.3
L4300.0	504301.3	5408615.4	7460.89990	225.44	49.34	48.830502	-86.941392	56140.76	56250.8	-0.80	56139.96	56149.45703	56140.92576	56149.96875	504301.3	5408615.4
L4300.0	504301.3	5408615.4	7461.00000	225.75	43.67	48.830502	-86.941392	56140.91	56250.8	-0.80	56140.11	56149.68359	56140.99594	56150.09766	504301.3	5408615.4
L4300.0	504301.3	5408614.3	7461.10010	226.06	42.1	48.830492	-86.941392	56140.98	56250.8	-0.80	56140.18	56149.82422	56141.07158	56150.22656	504301.3	5408614.3

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4300.0	504301.3	5408613.3	7461.20020	225.01	42.1	48.830483	-86.941392	56141.13	56250.8	-0.80	56140.32	56150.02734	56141.14266	56150.34375	504301.3	5408613.3
L4300.0	504301.3	5408613.3	7461.29981	225.87	39.8	48.830483	-86.941392	56141.19	56250.8	-0.81	56140.38	56150.15234	56141.21919	56150.46875	504301.3	5408613.3
L4300.0	504301.3	5408612.4	7461.39990	227.51	39.8	48.830475	-86.941392	56141.26	56250.8	-0.81	56140.45	56150.28125	56141.29516	56150.58203	504301.3	5408612.4
L4300.0	504301.2	5408611.5	7461.50000	230.24	41.12	48.830467	-86.941392	56141.39	56250.8	-0.81	56140.58	56150.46484	56141.36723	56150.69141	504301.2	5408611.5
L4300.0	504301.2	5408611.5	7461.60010	229.56	41.12	48.830467	-86.941392	56141.46	56250.8	-0.81	56140.65	56150.58594	56141.44341	56150.80078	504301.2	5408611.5
L4300.0	504301.2	5408610.5	7461.70020	228.53	42.66	48.830457	-86.941392	56141.57	56250.8	-0.81	56140.76	56150.74609	56141.51701	56150.90625	504301.2	5408610.5
L4300.0	504301.2	5408609.5	7461.79981	227.28	42.02	48.830449	-86.941392	56141.64	56250.8	-0.82	56140.83	56150.85938	56141.59339	56151.00781	504301.2	5408609.5
L4300.0	504301.2	5408608.6	7461.89990	227.04	42.02	48.830441	-86.941393	56141.72	56250.8	-0.82	56140.90	56150.96875	56141.66985	56151.10547	504301.2	5408608.6
L4300.0	504301.2	5408608.6	7462.00000	226.10	41.52	48.830441	-86.941393	56141.89	56250.8	-0.82	56141.07	56151.17578	56141.73974	56151.19141	504301.2	5408608.6
L4300.0	504301.2	5408607.6	7462.10010	227.25	44.3	48.830432	-86.941393	56141.94	56250.8	-0.82	56141.12	56151.26172	56141.81771	56151.28516	504301.2	5408607.6
L4300.0	504301.2	5408606.7	7462.20020	226.86	44.38	48.830423	-86.941393	56142.06	56250.8	-0.82	56141.23	56151.39844	56141.89177	56151.36719	504301.2	5408606.7
L4300.0	504301.2	5408606.7	7462.29981	225.81	44.38	48.830423	-86.941393	56142.14	56250.8	-0.83	56141.32	56151.51563	56141.96724	56151.44922	504301.2	5408606.7
L4300.0	504301.2	5408605.2	7462.39990	223.33	43.85	48.830410	-86.941393	56142.27	56250.8	-0.83	56141.44	56151.66016	56142.04078	56151.52734	504301.2	5408605.2
L4300.0	504301.2	5408602.5	7462.70020	223.37	40.98	48.830385	-86.941393	56142.61	56250.8	-0.83	56141.78	56152.01953	56142.09973	56151.58594	504301.2	5408602.5
L4300.0	504301.2	5408602.5	7462.79981	222.61	40.98	48.830385	-86.941393	56142.73	56250.8	-0.84	56141.89	56152.14844	56142.17408	56151.65625	504301.2	5408602.5
L4300.0	504301.2	5408601.3	7462.89990	222.63	40.85	48.830375	-86.941393	56142.81	56250.8	-0.84	56141.97	56152.23828	56142.25049	56151.72656	504301.2	5408601.3
L4300.0	504301.2	5408600.2	7463.00000	223.26	40.85	48.830365	-86.941393	56142.96	56250.8	-0.84	56142.12	56152.39844	56142.32230	56151.78516	504301.2	5408600.2
L4300.0	504301.2	5408599.2	7463.10010	223.43	43.77	48.830356	-86.941393	56143.08	56250.8	-0.84	56142.24	56152.52734	56142.39616	56151.84766	504301.2	5408599.2
L4300.0	504301.2	5408598.2	7463.20020	225.52	45	48.830347	-86.941394	56143.18	56250.8	-0.84	56142.35	56152.64063	56142.47073	56151.90234	504301.2	5408598.2
L4300.0	504301.2	5408598.2	7463.29981	222.66	45	48.830347	-86.941394	56143.25	56250.8	-0.84	56142.41	56152.70313	56142.54868	56151.96094	504301.2	5408598.2
L4300.0	504301.1	5408597.0	7463.39990	222.19	46.41	48.830336	-86.941394	56143.39	56250.8	-0.84	56142.55	56152.83984	56142.62134	56152.00781	504301.1	5408597.0
L4300.0	504301.1	5408596.0	7463.50000	222.59	46.93	48.830327	-86.941394	56143.52	56250.8	-0.83	56142.68	56152.96484	56142.69471	56152.05469	504301.1	5408596.0
L4300.0	504301.1	5408595.1	7463.60010	223.03	46.93	48.830319	-86.941394	56143.67	56250.8	-0.83	56142.83	56153.10938	56142.76677	56152.09766	504301.1	5408595.1
L4300.0	504301.1	5408595.1	7463.70020	223.28	45.4	48.830319	-86.941394	56143.79	56250.8	-0.83	56142.96	56153.23047	56142.84018	56152.14063	504301.1	5408595.1
L4300.0	504301.1	5408594.1	7463.79981	224.15	45.19	48.830310	-86.941394	56143.89	56250.8	-0.83	56143.06	56153.31641	56142.91562	56152.17969	504301.1	5408594.1
L4300.0	504301.1	5408592.7	7463.89990	223.12	45.19	48.830297	-86.941395	56144.00	56250.8	-0.83	56143.17	56153.41016	56142.99041	56152.21484	504301.1	5408592.7
L4300.0	504301.1	5408592.7	7464.00000	224.10	45.59	48.830297	-86.941395	56144.14	56250.8	-0.83	56143.31	56153.53516	56143.06320	56152.24609	504301.1	5408592.7
L4300.0	504301.0	5408590.6	7464.10010	224.80	45.59	48.830278	-86.941395	56144.33	56250.8	-0.83	56143.50	56153.70313	56143.13267	56152.27344	504301.0	5408590.6
L4300.0	504301.0	5408589.5	7464.20020	224.03	45.22	48.830269	-86.941396	56144.44	56250.8	-0.83	56143.61	56153.79297	56143.20747	56152.30078	504301.0	5408589.5
L4300.0	504301.0	5408589.5	7464.29981	223.81	45.22	48.830269	-86.941396	56144.53	56250.8	-0.83	56143.70	56153.85938	56143.28360	56152.32813	504301.0	5408589.5
L4300.0	504301.0	5408588.0	7464.39990	224.00	43.21	48.830256	-86.941396	56144.68	56250.8	-0.83	56143.85	56153.98438	56143.35571	56152.34766	504301.0	5408588.0
L4300.0	504300.9	5408587.0	7464.50000	223.88	43.21	48.830247	-86.941397	56144.82	56250.8	-0.82	56144.00	56154.10547	56143.42780	56152.36719	504300.9	5408587.0
L4300.0	504300.9	5408587.0	7464.60010	223.64	42.27	48.830247	-86.941397	56144.98	56250.8	-0.82	56144.16	56154.23438	56143.49921	56152.38281	504300.9	5408587.0
L4300.0	504300.9	5408586.0	7464.70020	223.64	38.05	48.830237	-86.941397	56145.11	56250.8	-0.82	56144.28	56154.32422	56143.57325	56152.39844	504300.9	5408586.0
L4300.0	504300.9	5408584.7	7464.79981	225.76	38.05	48.830226	-86.941398	56145.26	56250.8	-0.82	56144.44	56154.44922	56143.64459	56152.41016	504300.9	5408584.7
L4300.0	504300.9	5408584.7	7464.89990	225.66	41.77	48.830226	-86.941398	56145.36	56250.8	-0.82	56144.54	56154.51563	56143.71989	56152.42578	504300.9	5408584.7
L4300.0	504300.8	5408583.4	7465.00000	225.20	41.77	48.830214	-86.941398	56145.54	56250.8	-0.82	56144.72	56154.66016	56143.78981	56152.42969	504300.8	5408583.4
L4300.0	504300.8	5408582.6	7465.10010	224.93	45.35	48.830206	-86.941399	56145.76	56250.8	-0.82	56144.94	56154.83984	56143.85700	56152.42969	504300.8	5408582.6
L4300.0	504300.8	5408581.2	7465.20020	225.63	45.35	48.830194	-86.941399	56145.79	56250.8	-0.82	56144.97	56154.83203	56143.93681	56152.44531	504300.8	5408581.2
L4300.0	504300.8	5408581.2	7465.29981	225.16	49.04	48.830194	-86.941399	56145.99	56250.8	-0.82	56145.18	56155.00391	56144.00455	56152.44141	504300.8	5408581.2
L4300.0	504300.7	5408580.1	7465.39990	225.96	40.89	48.830184	-86.941400	56146.14	56250.8	-0.82	56145.33	56155.10938	56144.07623	56152.44141	504300.7	5408580.1
L4300.0	504300.7	5408579.2	7465.50000	224.79	40.89	48.830176	-86.941400	56146.35	56250.8	-0.82	56145.53	56155.26953	56144.14449	56152.43750	504300.7	5408579.2
L4300.0	504300.7	5408578.0	7465.60010	224.87	41.9	48.830166	-86.941400	56146.58	56250.8	-0.81	56145.76	56155.45313	56144.21067	56152.42969	504300.7	5408578.0
L4300.0	504300.7	5408577.1	7465.70020	225.54	48.87	48.830158	-86.941401	56146.72	56250.8	-0.81	56145.91	56155.56250	56144.28210	56152.42969	504300.7	5408577.1
L4300.0	504300.6	5408576.0	7465.79981	225.56	48.87	48.830148	-86.941401	56146.88	56250.8	-0.81	56146.07	56155.67578	56144.35277	56152.42188	504300.6	5408576.0
L4300.0	504300.6	5408576.0	7465.89990	224.50	44.81	48.830148	-86.941401	56147.07	56250.8	-0.81	56146.26	56155.82031	56144.42134	56152.41406	504300.6	5408576.0
L4300.0	504300.6	5408574.8	7466.00000	225.27	48.72	48.830136	-86.941401	56147.19	56250.8	-0.81	56146.38	56155.89453	56144.49447	56152.40625	504300.6	5408574.8
L4300.0	504300.6	5408573.6	7466.10010	223.92	48.72	48.830125	-86.941401	56147.38	56250.8	-0.81	56146.57	56156.03906	56144.56283	56152.39453	504300.6	5408573.6
L4300.0	504300.6	5408573.6	7466.20020	225.08	48.54	48.830125	-86.941401	56147.59	56250.8	-0.81	56146.78	56156.19922	56144.62973	56152.38281	504300.6	5408573.6
L4300.0	504300.6	5408572.3	7466.29981	224.97	48.44	48.830114	-86.941402	56147.76	56250.8	-0.81	56146.95	56156.32422	56144.69919	56152.37109	504300.6	5408572.3
L4300.0	504300.6	5408571.3	7466.39990	224.12	48.44	48.830105	-86.941402	56147.86	56250.8	-0.81	56147.05	56156.37500	56144.77318	56152.36328	504300.6	5408571.3
L4300.0	504300.5	5408570.2	7466.50000	224.13	48.53	48.830095	-86.941402	56148.02	56250.8	-0.81	56147.21	56156.48828	56144.84305	56152.34766	504300.5	5408570.2
L4300.0	504300.5	5408570.2	7466.60010	225.68	48.46	48.830095	-86.941402	56148.18	56250.8	-0.81	56147.37	56156.60156	56144.91278	56152.33594	504300.5	5408570.2
L4300.0	504300.5	5408569.1	7466.70020	225.08	48.46	48.830086	-86.941403	56148.34	56250.8	-0.81	56147.53	56156.71484	56144.98236	56152.32031	504300.5	5408569.1
L4300.0	504300.5	5408567.9	7466.79981	225.95	48.46	48.830074	-86.941403	56148.44	56250.8	-0.81	56147.63	56156.76563	56145.05581	56152.30859	504300.5	5408567.9
L4300.0	504300.5	5408566.9	7466.89990	226.66	48.47	48.830065	-86.941403	56148.60	56250.8	-0.81	56147.79	56156.87891	56145.12510	56152.29297	504300.5	5408566.9
L4300.0	504300.5	5408566.0	7467.00000	227.01	48.47	48.830057	-86.941403	56148.72	56250.8	-0.81	56147.91	56156.95313	56145.19691	56152.28125	504300.5	5408566.0
L4300.0	504300.5	5408566.0	7467.10010	226.39	39.58	48.830057	-86.941403	56148.83	56250.8	-0.81	56148.02	56157.01563	56145.26923	56152.26563	504300.5	5408566.0
L4300.0	504300.4	5408565.1	7467.20020	226.47	48.6	48.830049	-86.941404	56148.93	56250.8	-0.81	56148.12	56157.07031	56145.34205	56152.25391	504300.4	5408565.1
L4300.0	504300.4	5408564.0	7467.29981	224.04	48.6	48.830039	-86.941404	56149.17	56250.8	-0.80	56148.37	56157.27344	56145.40470	56152.23047	504300.4	5408564.0
L4300.0	504300.4	5408564.0	7467.39990	224.00	44.61	48.830039	-86.941404	56149.21	56250.8	-0.80	56148.41	56157.26953	56145.48118	56152.21875	504300.4	5408564.0
L4300.0	504300.4	5408563.0	7467.50000	223.24	42.75	48.830030	-86.941405	56149.34	56250.8	-0.80	56148.54	56157.35547	56145.55149	56152.20313	504300.4	5408563.0
L4300.0	504300.3	5408561.8	7467.60010	224.54	42.75	48.830019	-86.941405	56149.48	56250.8	-0.80	56148.69	56157.46484	56145.62029	56152.18750	504300.3	5408561.8
L4300.0	504300.3	5408561.8	7467.70020	225.92	48.28	48.830019	-86.941405	56149.61	56250.8	-0.80	56148.81	56157.53906	56145.69092	56152.17188	504300.3	5408561.8
L4300.0	504300.3	5408560.1	7467.79981	226.18	48.28	48.830005	-86.941406	56149.69	56250.8	-0.79	56148.89	56157.57813	56145.76402	56152.16016	504300.3	5408560.1
L4300.0	504300.3	5408560.1	7467.89990	224.05	48.33	48.830005	-86.941406	56149.86	56250.8	-0.79	56149.07	56157.71875	56145.83027	56152.14063	504300.3	5408560.1
L4300.0	504300.3	5408559.4	7468.00000	223.79	38.81	48.829998	-86.941406	56149.94	56250.8	-0.79	56149.15	56157.76172	56145.90300	56152.12500	504300.3	5408559.4
L4300.0	504300.2	5408558.5	7468.10010	224.69	38.81	48.829990	-86.941407	56149.96	56250.8	-0.79	56149.17	56157.74219	56145.97955	56152.11719	504300.2	5408558.5
L4300.0	504300.2	5408558.5	7468.20020	223.60	47.91	48.829990	-86.941407	56150.16	56250.8	-0.79	56149.37	56157.90625	56146.04390	56152.09766	504300.2	5408558.5
L4300.0	504300.2	5408557.6	7468.29981	225.41	47.91	48.829981	-86.941407	56150.25	56250.8	-0.80	56149.45	56157.94922	56146.11605	56152.08594	504300.2	5408557.6
L4300.0	504300.2	5408556.7	7468.39990	224.47	48.26	48.829974	-86.941408	56150.34	56250.8	-0.80	56149.54	56158.00391	56146.18734	56152.07422	504300.2	5408556.7
L4300.0	504300.1	5408555.8	7468.50000	225.28	48.26	48.829966	-86.941408	56150.41	56250.8	-0.80	56149.61	56158.04297	56146.25977	56152.06250	504300.1	5408555.8
L4300.0	504300.1	5408555.8	7468.60010	223.64	48.26	48.829966	-86.941408	56150.50	56250.8	-0.80	56149.70	56158.10156	56146.33067	56152.05078	504300.1	5408555.8
L4300.0	504300.1	5408554.3	7468.70020	222.55	43.32	48.829952	-86.941409	56150.59	56250.8	-0.80	56149.79	56158.16016	56146.40137	56152.03906	504300.1	5408554.3
L4300.0	504300.1	5408554.3	7468.79981	223.22	46.81	48.829952	-86.941409	56150.62	56250.8	-0.81	56149.82	56158.16016	56146.47587	56152.03125	504300.1	5408554.3
L4300.0	504300.1	5408553.5	7468.89990	223.52	46.78	48.829945	-86.941409	56150.73	56250.8	-0.81	56149.92	56158.23438	56146.54550	56152.01953	504300.1	5408553.5
L4300.0	504300.0	5408552.7	7469.00000	224.41	46.78	48.829938	-86.941410	56150.79	56250.8	-0.81	56149.98	56158.26953	56146.61760	56152.01172	504300.0	5408552.7
L4300.0	504300.0	5408552.7	7469.10010	223.47	46.53	48.829938	-86.941410	56150.82	56250.8	-0.81	56150.01	56158.27344	56146.69150	56152.00781	504300.0	5408552.7
L4300.0	504300.0	5408552.1	7469.20020	223.11	46.12	48.829933	-86.941410	56150.97	56250.8	-0.81	56150.16	56158.40234	56146.75720	56151.99609	504300.0	5408552.1
L4300.0	504300.0	5408551.5	7469.29981	224.10	46.12	48.829927	-86.941410	56150.95	56250.8	-0.81	56150.13	56158.35156	56146.83470	56151.99609	504300.0	5408551.5
L4300.0	504300.0	5408550.9	7469.39990	224.63	46.12	48.829921	-86.941410	56151.11	56250.8	-0.81	56150.30	56158.50391	56146.89866	56151.98047	504300.0	5408550.9
L4300.0	504300.0	5408550.9	7469.50000	224.49	48.36	48.829921	-86.941410	56151.00	56250.8	-0.82	56150.18	56158.36328	56146.98177	56151.98828	504300.0	5408550.9
L4300.0	504299.9	5408550.3	7469.60010	223.76	48.62	48.829916	-86.941411	56151.02	56250.8	-0.82	56150.21	56158.37891	56147.05468	56151.98438	504299.9	5408550.3
L4300.0	504299.9	5408549.7	7469.70020	225.05	48.62	48.829910	-86.941411	56151.13	56250.8	-0.82	56150.31	56158.46484	56147.12272	56151.98047	504299.9	5408549.7
L4300.0	504299.9	5408549.7	7469.79981	224.38	48.8	48.829910	-86.941411	56151.23	56250.8	-0.82	56150.41	56158.55469	56147.19058	56151.97266	504299.9	5408549.7
L4300.0	504299.9	5408548.9	7469.89990	223.77	48.17	48.829904	-86.941411	56151.15	56250.8	-0.82	56150.33	56158.46094	56147.27024	56151.98047	504299.9	5408548.9
L4300.0	504299.9	5408548.4	7470.00000	223.67	46.73	48.829899	-86.941411	56151.15	56250.8	-0.82	56150.33	56158.45313	56147.34438	56151.98438	504299.9	5408548.4
L4300.0	504299.9	5408547.8	7470.10010	225.21	46.73	48.829893	-86.941411	56151.28	56250.8	-0.82	56150.46	56158.57813	56147.40967	56151.97656	504299.9	5408547.8
L4300.0	504299.9	5408547.2	7470.20020	223.95	44.6	48.829888	-86.941412	56151.33	56250.8	-0.81	56150.52	56158.63281	56147.47944	56151.97656	504299.9	5408547.2
L4300.0	504299.9	5408546.7	7470.29981	224.10	47.04	48.829884	-86.941411	56151.38	56250.8	-0.81	56150.57	56158.67969	56147.54970	56151.98047	504299.9	5408546.7
L4300.0	504299.9	5408546.7	7470.39990	222.70	47.04	48.829884	-86.941411	56151.38	56250.8	-0.80	56150.58	56158.68750	56147.62245	56151.98438	504299.9	5408546.7
L4300.0	504299.9	5408546.0	7470.50000	223.47	46.03	48.829878	-86.941411	56151.39	56250.8	-0.79	56150.60	56158.70703	56147.69436	56151.98828	504299.9	5408546.0
L4300.0	504299.9	5408545.6	7470.60010	226.08	49.41	48.829874	-86.941411	56151.42	56250.8	-0.79	56150.63	56158.73828	56147.76542	56151.99219	504299.9	5408545.6

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4300.0	504299.9	5408545.1	7470.70020	229.56	49.41	48.829870	-86.941411	56151.44	56250.8	-0.78	56150.65	56158.76172	56147.83699	56152.00000	504299.9	5408545.1
L4300.0	504299.9	5408545.1	7470.79981	227.95	49.14	48.829870	-86.941411	56151.42	56250.8	-0.78	56150.64	56158.75781	56147.91040	56152.00781	504299.9	5408545.1
L4300.0	504299.9	5408544.5	7470.89990	229.72	49.14	48.829864	-86.941411	56151.54	56250.8	-0.77	56150.77	56158.89063	56147.97431	56152.00781	504299.9	5408544.5
L4300.0	504299.9	5408544.1	7471.00000	230.19	49.37	48.829861	-86.941411	56151.56	56250.8	-0.77	56150.79	56158.92188	56148.04540	56152.01563	504299.9	5408544.1
L4300.0	504299.9	5408543.6	7471.10010	230.28	49.37	48.829856	-86.941411	56151.51	56250.8	-0.77	56150.74	56158.87891	56148.12101	56152.03125	504299.9	5408543.6
L4300.0	504299.9	5408543.6	7471.20020	228.18	49.37	48.829856	-86.941411	56151.60	56250.8	-0.77	56150.82	56158.97266	56148.18780	56152.03516	504299.9	5408543.6
L4300.0	504299.9	5408543.2	7471.29981	229.25	49.37	48.829852	-86.941411	56151.64	56250.8	-0.78	56150.86	56159.02344	56148.25712	56152.04688	504299.9	5408543.2
L4300.0	504300.0	5408542.8	7471.39990	227.59	49.73	48.829849	-86.941410	56151.61	56250.8	-0.78	56150.83	56159.00781	56148.33096	56152.05859	504300.0	5408542.8
L4300.0	504300.0	5408542.5	7471.50000	227.28	49.89	48.829846	-86.941410	56151.68	56250.8	-0.78	56150.90	56159.09375	56148.39801	56152.06641	504300.0	5408542.5
L4300.0	504300.0	5408542.1	7471.60010	227.73	49.94	48.829842	-86.941410	56151.61	56250.8	-0.78	56150.83	56159.04297	56148.47426	56152.08594	504300.0	5408542.1
L4300.0	504300.0	5408542.1	7471.70020	227.92	49.94	48.829842	-86.941410	56151.68	56250.8	-0.78	56150.90	56159.12891	56148.54106	56152.09375	504300.0	5408542.1
L4300.0	504300.0	5408541.7	7471.79981	228.47	36.58	48.829839	-86.941409	56151.73	56250.8	-0.79	56150.95	56159.19922	56148.60908	56152.10547	504300.0	5408541.7
L4300.0	504300.1	5408541.4	7471.89990	227.32	36.34	48.829836	-86.941409	56151.76	56250.8	-0.79	56150.97	56159.24219	56148.67898	56152.12109	504300.1	5408541.4
L4300.0	504300.1	5408541.1	7472.00000	229.74	36.34	48.829834	-86.941409	56151.58	56250.8	-0.79	56150.79	56159.08203	56148.76210	56152.14844	504300.1	5408541.1
L4300.0	504300.1	5408540.9	7472.10010	229.03	36.23	48.829832	-86.941409	56151.45	56250.8	-0.79	56150.66	56158.97656	56148.84179	56152.17578	504300.1	5408540.9
L4300.0	504300.1	5408540.7	7472.20020	228.73	36.23	48.829829	-86.941408	56151.28	56250.8	-0.79	56150.49	56158.83203	56148.92406	56152.20313	504300.1	5408540.7
L4300.0	504300.2	5408540.4	7472.29981	226.67	35.73	48.829827	-86.941408	56151.28	56250.8	-0.79	56150.49	56158.85547	56148.99489	56152.21875	504300.2	5408540.4
L4300.0	504300.2	5408540.4	7472.39990	226.19	37.18	48.829827	-86.941408	56151.43	56250.8	-0.79	56150.64	56159.03516	56149.05564	56152.22656	504300.2	5408540.4
L4300.0	504300.2	5408540.2	7472.50000	226.89	49.89	48.829825	-86.941407	56151.33	56250.8	-0.79	56150.54	56158.96094	56149.13298	56152.25391	504300.2	5408540.2
L4300.0	504300.2	5408539.9	7472.60010	225.68	49.89	48.829822	-86.941407	56151.20	56250.8	-0.78	56150.42	56158.87109	56149.21158	56152.27734	504300.2	5408539.9
L4300.0	504300.3	5408539.6	7472.70020	224.83	49.44	48.829820	-86.941406	56151.07	56250.8	-0.78	56150.29	56158.76953	56149.29077	56152.30469	504300.3	5408539.6
L4300.0	504300.3	5408539.6	7472.79981	225.08	49.44	48.829820	-86.941406	56151.06	56250.8	-0.78	56150.28	56158.78906	56149.36190	56152.32422	504300.3	5408539.6
L4300.0	504300.3	5408539.2	7472.89990	224.79	50.62	48.829816	-86.941406	56151.02	56250.8	-0.78	56150.24	56158.78125	56149.43496	56152.34766	504300.3	5408539.2
L4300.0	504300.4	5408538.8	7473.00000	226.12	50.96	48.829813	-86.941405	56151.00	56250.8	-0.78	56150.22	56158.78906	56149.50664	56152.37109	504300.4	5408538.8
L4300.0	504300.4	5408538.8	7473.10010	225.21	50.8	48.829813	-86.941405	56150.97	56250.8	-0.78	56150.19	56158.79297	56149.57894	56152.39063	504300.4	5408538.8
L4300.0	504300.4	5408538.5	7473.20020	224.26	50.8	48.829810	-86.941404	56150.92	56250.8	-0.79	56150.14	56158.77344	56149.65253	56152.41406	504300.4	5408538.5
L4300.0	504300.5	5408538.1	7473.29981	224.48	42.98	48.829806	-86.941403	56150.90	56250.8	-0.79	56150.11	56158.77734	56149.72474	56152.43750	504300.5	5408538.1
L4300.0	504300.5	5408538.1	7473.39990	225.30	50.6	48.829806	-86.941403	56150.86	56250.8	-0.79	56150.07	56158.76953	56149.79759	56152.46094	504300.5	5408538.1
L4300.0	504300.6	5408537.6	7473.50000	225.15	50.6	48.829802	-86.941402	56150.90	56250.8	-0.79	56150.10	56158.83594	56149.86574	56152.48047	504300.6	5408537.6
L4300.0	504300.7	5408537.3	7473.60010	225.23	50.53	48.829799	-86.941401	56150.87	56250.8	-0.80	56150.07	56158.83594	56149.93787	56152.50391	504300.7	5408537.3
L4300.0	504300.7	5408536.8	7473.70020	225.30	50.27	48.829795	-86.941400	56150.77	56250.8	-0.80	56149.97	56158.77344	56150.01464	56152.53125	504300.7	5408536.8
L4300.0	504300.8	5408536.5	7473.79981	225.25	50.27	48.829792	-86.941399	56150.81	56250.8	-0.80	56150.01	56158.84375	56150.08206	56152.54688	504300.8	5408536.5
L4300.0	504300.9	5408536.1	7473.89990	224.14	50.47	48.829788	-86.941398	56150.74	56250.8	-0.81	56149.93	56158.80078	56150.15748	56152.57422	504300.9	5408536.1
L4300.1	504301.1	5408637.4	5693.00000	224.96	0	48.830700	-86.941394	56165.01	56256.4	-6.39	56158.62	56142.64844	56164.69023	56143.70313	504301.1	5408637.4
L4300.1	504301.2	5408637.0	5693.10010	222.25	0	48.830696	-86.941393	56165.06	56256.4	-6.39	56158.67	56142.82422	56164.57367	56143.82422	504301.2	5408637.0
L4300.1	504301.2	5408637.0	5693.20020	220.12	0	48.830696	-86.941393	56165.13	56256.4	-6.39	56158.74	56143.02344	56164.45807	56143.94922	504301.2	5408637.0
L4300.1	504301.2	5408633.7	5694.29981	220.66	0	48.830666	-86.941392	56165.29	56256.4	-6.38	56158.91	56143.32031	56164.33810	56144.06641	504301.2	5408633.7
L4300.1	504301.2	5408633.0	5694.39990	221.75	0	48.830660	-86.941392	56165.07	56256.4	-6.38	56158.69	56143.23047	56164.24643	56144.21484	504301.2	5408633.0
L4300.1	504301.2	5408632.5	5694.50000	220.88	0	48.830656	-86.941393	56164.76	56256.4	-6.38	56158.37	56143.03906	56164.16373	56144.37109	504301.2	5408632.5
L4300.1	504301.2	5408631.9	5694.70020	220.93	0	48.830651	-86.941393	56164.78	56256.4	-6.39	56158.39	56143.18359	56164.06066	56144.50391	504301.2	5408631.9
L4300.1	504301.1	5408631.2	5694.79981	223.58	0	48.830644	-86.941393	56165.04	56256.4	-6.39	56158.65	56143.57031	56163.94389	56144.62500	504301.1	5408631.2
L4300.1	504301.1	5408631.2	5694.89990	224.36	0	48.830644	-86.941393	56165.24	56256.4	-6.39	56158.85	56143.89844	56163.83340	56144.75000	504301.1	5408631.2
L4300.1	504301.1	5408630.6	5695.00000	224.20	0	48.830639	-86.941394	56165.20	56256.4	-6.39	56158.81	56143.98438	56163.74119	56144.89453	504301.1	5408630.6
L4300.1	504301.1	5408629.9	5695.10010	225.18	0	48.830632	-86.941394	56165.42	56256.4	-6.39	56159.03	56144.32813	56163.63391	56145.02344	504301.1	5408629.9
L4300.1	504301.1	5408629.9	5695.20020	226.97	0	48.830632	-86.941394	56165.39	56256.4	-6.39	56159.01	56144.43359	56163.54488	56145.16797	504301.1	5408629.9
L4300.1	504301.1	5408629.3	5695.29981	226.76	0	48.830627	-86.941394	56165.54	56256.4	-6.38	56159.16	56144.70703	56163.44675	56145.30469	504301.1	5408629.3
L4300.1	504301.1	5408628.7	5695.39990	224.08	0	48.830622	-86.941394	56165.52	56256.4	-6.38	56159.14	56144.81250	56163.36218	56145.45313	504301.1	5408628.7
L4300.1	504301.1	5408627.9	5695.50000	223.60	0	48.830614	-86.941395	56165.62	56256.4	-6.38	56159.24	56145.03516	56163.27179	56145.59375	504301.1	5408627.9
L4300.1	504301.1	5408627.9	5695.60010	223.55	0	48.830614	-86.941395	56165.59	56256.4	-6.38	56159.22	56145.13672	56163.19158	56145.74219	504301.1	5408627.9
L4300.1	504301.1	5408627.1	5695.70020	223.36	0	48.830607	-86.941394	56165.70	56256.4	-6.38	56159.32	56145.35547	56163.10551	56145.88672	504301.1	5408627.1
L4300.1	504301.1	5408626.4	5695.79981	221.83	0	48.830601	-86.941394	56165.57	56256.4	-6.37	56159.19	56145.34375	56163.03690	56146.04297	504301.1	5408626.4
L4300.1	504301.1	5408626.4	5695.89990	221.04	0	48.830601	-86.941394	56165.77	56256.4	-6.37	56159.40	56145.67578	56162.94771	56146.17969	504301.1	5408626.4
L4300.1	504301.1	5408625.5	5696.00000	220.75	0	48.830593	-86.941394	56165.67	56256.4	-6.37	56159.30	56145.69141	56162.88125	56146.33984	504301.1	5408625.5
L4300.1	504301.1	5408625.5	5696.10010	220.05	0	48.830593	-86.941394	56165.59	56256.4	-6.38	56159.22	56145.72656	56162.81549	56146.49609	504301.1	5408625.5
L4300.1	504301.2	5408624.2	5696.29981	221.40	0	48.830581	-86.941393	56165.90	56256.4	-6.39	56159.51	56146.13281	56162.72706	56146.62891	504301.2	5408624.2
L4300.1	504301.2	5408623.1	5696.39990	223.40	0	48.830571	-86.941392	56165.88	56256.4	-6.39	56159.49	56146.22656	56162.66126	56146.78125	504301.2	5408623.1
L4300.1	504301.3	5408622.2	5696.50000	222.53	0	48.830563	-86.941392	56165.67	56256.4	-6.40	56159.28	56146.12891	56162.61005	56146.94922	504301.3	5408622.2
L4300.1	504301.3	5408622.2	5696.60010	223.53	0	48.830563	-86.941392	56165.59	56256.4	-6.40	56159.19	56146.14844	56162.55272	56147.10547	504301.3	5408622.2
L4300.1	504301.3	5408621.4	5696.70020	226.40	0	48.830555	-86.941392	56165.57	56256.4	-6.40	56159.16	56146.23047	56162.49325	56147.26172	504301.3	5408621.4
L4300.1	504301.3	5408621.4	5696.79981	225.17	0	48.830555	-86.941392	56165.72	56256.4	-6.41	56159.31	56146.48828	56162.42359	56147.40234	504301.3	5408621.4
L4300.1	504301.3	5408620.4	5696.89990	223.09	0	48.830547	-86.941391	56165.82	56256.4	-6.42	56159.41	56146.69531	56162.35903	56147.54688	504301.3	5408620.4
L4300.1	504301.3	5408619.6	5697.00000	225.93	0	48.830540	-86.941391	56165.77	56256.4	-6.42	56159.35	56146.73828	56162.30687	56147.70313	504301.3	5408619.6
L4300.1	504301.3	5408619.6	5697.10010	225.43	0	48.830540	-86.941391	56166.03	56256.4	-6.42	56159.61	56147.10547	56162.23506	56147.83984	504301.3	5408619.6
L4300.1	504301.3	5408618.7	5697.20020	223.02	0	48.830531	-86.941392	56166.36	56256.4	-6.42	56159.94	56147.53516	56162.16022	56147.96484	504301.3	5408618.7
L4300.1	504301.3	5408618.0	5697.29981	225.15	0	48.830525	-86.941392	56166.61	56256.4	-6.42	56160.19	56147.88672	56162.09232	56148.10156	504301.3	5408618.0
L4300.1	504301.3	5408618.0	5697.39990	224.07	0	48.830525	-86.941392	56166.75	56256.4	-6.42	56160.33	56148.12500	56162.03330	56148.23828	504301.3	5408618.0
L4300.1	504301.2	5408617.2	5697.50000	225.53	0	48.830518	-86.941392	56166.91	56256.4	-6.42	56160.49	56148.38281	56161.97445	56148.37891	504301.2	5408617.2
L4300.1	504301.2	5408616.4	5697.60010	226.26	0	48.830511	-86.941393	56167.07	56256.4	-6.42	56160.65	56148.63672	56161.91706	56148.51563	504301.2	5408616.4
L4300.1	504301.2	5408615.6	5697.70020	223.68	0	48.830503	-86.941393	56167.62	56256.4	-6.42	56161.20	56149.28125	56161.83508	56148.62500	504301.2	5408615.6
L4300.1	504301.1	5408614.7	5697.79981	222.68	0	48.830495	-86.941394	56167.77	56256.4	-6.42	56161.35	56149.52344	56161.78114	56148.76172	504301.1	5408614.7
L4300.1	504301.1	5408614.7	5697.89990	221.74	0	48.830495	-86.941394	56167.74	56256.4	-6.42	56161.32	56149.58594	56161.74052	56148.90625	504301.1	5408614.7
L4300.1	504301.1	5408613.8	5698.00000	221.82	0	48.830488	-86.941395	56167.68	56256.4	-6.42	56161.26	56149.61328	56161.70317	56149.05469	504301.1	5408613.8
L4300.1	504301.0	5408612.7	5698.10010	222.15	0	48.830477	-86.941396	56167.92	56256.4	-6.42	56161.50	56149.94141	56161.64705	56149.17969	504301.0	5408612.7
L4300.1	504301.0	5408612.7	5698.20020	225.44	0	48.830477	-86.941396	56168.00	56256.4	-6.42	56161.58	56150.10938	56161.60277	56149.31641	504301.0	5408612.7
L4300.1	504301.0	5408611.6	5698.29981	223.90	0	48.830467	-86.941396	56168.24	56256.4	-6.42	56161.82	56150.43359	56161.54897	56149.43750	504301.0	5408611.6
L4300.1	504300.9	5408610.6	5698.39990	221.35	0	48.830459	-86.941397	56168.56	56256.4	-6.42	56162.14	56150.83594	56161.49091	56149.55469	504300.9	5408610.6
L4300.1	504300.9	5408610.6	5698.50000	220.55	0	48.830459	-86.941397	56168.53	56256.4	-6.42	56162.11	56150.88672	56161.45723	56149.69141	504300.9	5408610.6
L4300.1	504300.9	5408609.7	5698.60010	222.38	0	48.830450	-86.941397	56168.48	56256.4	-6.42	56162.06	56150.91406	56161.42589	56149.82813	504300.9	5408609.7
L4300.1	504300.8	5408608.2	5698.70020	222.64	0	48.830437	-86.941398	56168.58	56256.4	-6.42	56162.16	56151.09375	56161.38550	56149.95703	504300.8	5408608.2
L4300.1	504300.8	5408608.2	5698.79981	221.71	0	48.830437	-86.941398	56168.82	56256.4	-6.42	56162.40	56151.41016	56161.33668	56150.07031	504300.8	5408608.2
L4300.1	504300.8	5408607.3	5698.89990	221.48	0	48.830429	-86.941398	56168.91	56256.4	-6.42	56162.49	56151.57422	56161.29873	56150.19531	504300.8	5408607.3
L4300.1	504300.8	5408606.3	5699.00000	222.74	0	48.830420	-86.941398	56168.98	56256.4	-6.42	56162.56	56151.71484	56161.26295	56150.31641	504300.8	5408606.3
L4300.1	504300.8	5408605.5	5699.10010	223.66	0	48.830413	-86.941398	56169.19	56256.4	-6.42	56162.77	56152.00000	56161.21861	56150.42969	504300.8	5408605.5
L4300.1	504300.8	5408605.5	5699.20020	223.71	0	48.830413	-86.941398	56169.44	56256.4	-6.42	56163.02	56152.31641	56161.17235	56150.53516	504300.8	5408605.5
L4300.1	504300.8	5408604.2	5699.29981	225.15	0	48.830401	-86.941398	56169.54	56256.4	-6.42	56163.12	56152.48828	56161.13679	56150.65234	504300.8	5408604.2
L4300.1	504300.8	5408603.0	5699.39990	224.90	0	48.830390	-86.941398	56169.64	56256.4	-6.42	56163.22	56152.65234	56161.10190	56150.76563	504300.8	5408603.0
L4300.1	504300.8	5408603.0	5699.50000	224.81	0	48.830390	-86.941398	56169.75	56256.4	-6.42	56163.33	56152.82813	56161.06697	56150.87500	504300.8	5408603.0
L4300.1	504300.8	5408601.9	5699.60010	226.80	0	48.830380	-86.941398	56170.09	56256.4	-6.42	56163.67	56153.23438	56161.01729	56150.96875	504300.8	5408601.9
L4300.1	504300.8	5408600.7	5699.70020	227.91	0	48.830369	-86.941398	56169.98	56256.4	-6.42	56163.56	56153.18750	56160.99816	56151.08984	504300.8	5408600.7
L4300.1	504300.8	5408600.7	5699.79981	226.81	0	48.830369	-86.941398	56169.84	56256.4	-6.42	56163.42	56153.10938	56160.98155	56151.21094	504300.8	5408600.7
L4300.1	504300.8	5408599.6	5699.89990	227.04	0	48.830360	-86.941399	56169.80	56256.4	-6.42	56163.38	56153.12891	56160.95875	56151.32422	504300.8	5408599.6
L4300.1	504300.8	5408598.5	5700.00000	224.24	0	48.830349	-86.941399	56170.00	56256.4	-6.42	56163.58	56153.38672	56160.92039	56151.41797	504300.8	5408598.5
L4300.1	504300.8	5408597.2	5700.10010	221.31	0	48.830338	-86.941399	56170.20	56256.4	-6.42	56163.77	56153.63672	56160.88310	56151.51172	504300.8	5408597.2

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4300.1	504300.8	5408596.0	5700.29981	221.10	0	48.830327	-86.941399	56170.34	56256.4	-6.43	56163.91	56153.83203	56160.84951	56151.60938	504300.8	5408596.0
L4300.1	504300.7	5408594.7	5700.39990	222.58	0	48.830316	-86.941399	56170.60	56256.4	-6.43	56164.17	56154.14844	56160.80827	56151.69141	504300.7	5408594.7
L4300.1	504300.7	5408594.7	5700.50000	223.80	0	48.830316	-86.941399	56170.70	56256.4	-6.43	56164.27	56154.30469	56160.77799	56151.78516	504300.7	5408594.7
L4300.1	504300.7	5408593.5	5700.60010	222.81	0	48.830304	-86.941400	56170.74	56256.4	-6.44	56164.30	56154.38672	56160.75264	56151.87891	504300.7	5408593.5
L4300.1	504300.7	5408593.5	5700.70020	223.84	0	48.830304	-86.941400	56170.81	56256.4	-6.44	56164.36	56154.50000	56160.72552	56151.97266	504300.7	5408593.5
L4300.1	504300.6	5408591.8	5700.79981	223.91	0	48.830290	-86.941401	56171.01	56256.4	-6.44	56164.56	56154.75391	56160.68927	56152.05078	504300.6	5408591.8
L4300.1	504300.6	5408590.5	5700.89990	222.85	0	48.830278	-86.941401	56171.29	56256.4	-6.45	56164.84	56155.08594	56160.64785	56152.12500	504300.6	5408590.5
L4300.1	504300.6	5408589.4	5701.00000	221.87	0	48.830268	-86.941402	56171.21	56256.4	-6.45	56164.76	56155.05469	56160.63055	56152.21875	504300.6	5408589.4
L4300.1	504300.6	5408589.4	5701.10010	225.67	0	48.830268	-86.941402	56171.21	56256.4	-6.45	56164.76	56155.10547	56160.60801	56152.30859	504300.6	5408589.4
L4300.1	504300.5	5408588.3	5701.20020	224.47	0	48.830258	-86.941402	56171.41	56256.4	-6.45	56164.97	56155.36328	56160.57154	56152.37891	504300.5	5408588.3
L4300.1	504300.5	5408587.1	5701.29981	222.50	0	48.830247	-86.941403	56171.56	56256.4	-6.45	56165.12	56155.56250	56160.53908	56152.45313	504300.5	5408587.1
L4300.1	504300.5	5408587.1	5701.39990	222.91	0	48.830247	-86.941403	56171.79	56256.4	-6.45	56165.35	56155.83984	56160.50128	56152.51953	504300.5	5408587.1
L4300.1	504300.4	5408585.7	5701.50000	224.87	0	48.830235	-86.941404	56171.87	56256.4	-6.44	56165.43	56155.96484	56160.47343	56152.58984	504300.4	5408585.7
L4300.1	504300.4	5408584.6	5701.60010	222.65	0	48.830225	-86.941404	56172.02	56256.4	-6.44	56165.58	56156.16406	56160.44083	56152.66016	504300.4	5408584.6
L4300.1	504300.4	5408583.3	5701.70020	223.92	0	48.830213	-86.941404	56172.02	56256.4	-6.44	56165.58	56156.21094	56160.41811	56152.73438	504300.4	5408583.3
L4300.1	504300.4	5408583.3	5701.79981	222.80	0	48.830213	-86.941404	56172.44	56256.4	-6.44	56166.00	56156.67578	56160.36723	56152.78125	504300.4	5408583.3
L4300.1	504300.3	5408581.8	5701.89990	220.96	0	48.830199	-86.941405	56172.50	56256.4	-6.44	56166.06	56156.78125	56160.34015	56152.84766	504300.3	5408581.8
L4300.1	504300.3	5408581.8	5702.00000	221.09	0	48.830199	-86.941405	56172.66	56256.4	-6.44	56166.22	56156.98828	56160.30618	56152.90625	504300.3	5408581.8
L4300.1	504300.3	5408580.6	5702.10010	221.16	0	48.830189	-86.941405	56172.67	56256.4	-6.44	56166.23	56157.04297	56160.28194	56152.97266	504300.3	5408580.6
L4300.1	504300.3	5408578.9	5702.20020	220.76	0	48.830174	-86.941406	56172.71	56256.4	-6.45	56166.26	56157.11719	56160.25605	56153.03516	504300.3	5408578.9
L4300.1	504300.3	5408577.6	5702.29981	224.68	0	48.830162	-86.941406	56172.90	56256.5	-6.45	56166.45	56157.35156	56160.21915	56153.08594	504300.3	5408577.6
L4300.1	504300.3	5408577.6	5702.39990	224.46	0	48.830162	-86.941406	56173.06	56256.5	-6.46	56166.61	56157.55859	56160.18387	56153.13672	504300.3	5408577.6
L4300.1	504300.3	5408577.6	5702.50000	227.23	0	48.830162	-86.941406	56173.23	56256.5	-6.46	56166.77	56157.76563	56160.14816	56153.18750	504300.3	5408577.6
L4300.1	504300.2	5408576.2	5702.60010	227.64	0	48.830149	-86.941406	56173.37	56256.5	-6.46	56166.90	56157.93750	56160.11399	56153.23438	504300.2	5408576.2
L4300.1	504300.2	5408574.4	5702.70020	226.48	0	48.830133	-86.941407	56173.54	56256.5	-6.47	56167.07	56158.15625	56160.07664	56153.28125	504300.2	5408574.4
L4300.1	504300.2	5408573.6	5702.79981	224.92	0	48.830126	-86.941407	56173.71	56256.5	-6.47	56167.24	56158.37109	56160.03875	56153.32422	504300.2	5408573.6
L4300.1	504300.2	5408573.6	5702.89990	227.20	0	48.830126	-86.941407	56173.79	56256.5	-6.48	56167.31	56158.48828	56160.00694	56153.37109	504300.2	5408573.6
L4300.1	504300.2	5408572.0	5703.00000	227.47	0	48.830112	-86.941407	56173.99	56256.5	-6.48	56167.51	56158.73438	56159.96584	56153.41016	504300.2	5408572.0
L4300.1	504300.2	5408570.9	5703.10010	227.58	0	48.830101	-86.941407	56174.25	56256.5	-6.48	56167.76	56159.03125	56159.92074	56153.44141	504300.2	5408570.9
L4300.1	504300.2	5408570.9	5703.20020	226.89	0	48.830101	-86.941407	56174.35	56256.5	-6.48	56167.86	56159.17969	56159.88494	56153.48438	504300.2	5408570.9
L4300.1	504300.2	5408569.2	5703.29981	225.17	0	48.830086	-86.941407	56174.47	56256.5	-6.49	56167.99	56159.35547	56159.84638	56153.51953	504300.2	5408569.2
L4300.1	504300.2	5408568.0	5703.39990	224.89	0	48.830076	-86.941407	56174.55	56256.5	-6.49	56168.06	56159.47656	56159.81104	56153.55859	504300.2	5408568.0
L4300.1	504300.2	5408568.0	5703.50000	223.84	0	48.830076	-86.941407	56174.63	56256.5	-6.49	56168.14	56159.60547	56159.77420	56153.59375	504300.2	5408568.0
L4300.1	504300.2	5408566.7	5703.60010	225.39	0	48.830064	-86.941408	56174.73	56256.5	-6.49	56168.24	56159.75391	56159.73515	56153.62891	504300.2	5408566.7
L4300.1	504300.1	5408565.6	5703.70020	223.92	0	48.830054	-86.941408	56174.93	56256.5	-6.49	56168.44	56160.00391	56159.68852	56153.65234	504300.1	5408565.6
L4300.1	504300.1	5408564.3	5703.79981	223.81	0	48.830042	-86.941408	56175.04	56256.5	-6.50	56168.54	56160.15625	56159.64761	56153.68359	504300.1	5408564.3
L4300.1	504300.1	5408564.3	5703.89990	225.84	0	48.830042	-86.941408	56175.15	56256.5	-6.50	56168.65	56160.31641	56159.60503	56153.71094	504300.1	5408564.3
L4300.1	504300.1	5408562.8	5704.00000	224.16	0	48.830028	-86.941408	56175.39	56256.5	-6.50	56168.89	56160.60938	56159.55275	56153.73047	504300.1	5408562.8
L4300.1	504300.1	5408562.8	5704.10010	224.75	0	48.830028	-86.941408	56175.56	56256.5	-6.50	56169.06	56160.83203	56159.50406	56153.75000	504300.1	5408562.8
L4300.1	504300.1	5408561.1	5704.20020	226.91	0	48.830014	-86.941408	56175.57	56256.5	-6.50	56169.07	56160.89844	56159.46491	56153.77734	504300.1	5408561.1
L4300.1	504300.1	5408559.9	5704.29981	224.70	0	48.830002	-86.941408	56175.62	56256.5	-6.50	56169.12	56161.00391	56159.42195	56153.80469	504300.1	5408559.9
L4300.1	504300.1	5408558.0	5704.39990	224.80	0	48.829985	-86.941409	56175.73	56256.5	-6.50	56169.23	56161.16797	56159.37379	56153.82422	504300.1	5408558.0
L4300.1	504300.1	5408557.2	5704.50000	224.59	0	48.829978	-86.941409	56175.87	56256.5	-6.50	56169.37	56161.36328	56159.32239	56153.83594	504300.1	5408557.2
L4300.1	504300.1	5408557.2	5704.60010	222.13	0	48.829978	-86.941409	56176.06	56256.5	-6.50	56169.56	56161.61328	56159.26638	56153.84766	504300.1	5408557.2
L4300.1	504300.0	5408555.8	5704.70020	221.65	0	48.829966	-86.941409	56176.34	56256.5	-6.50	56169.84	56161.94922	56159.20306	56153.85156	504300.0	5408555.8
L4300.1	504300.0	5408555.8	5704.79981	220.36	0	48.829966	-86.941409	56176.36	56256.5	-6.50	56169.86	56162.03125	56159.15573	56153.86719	504300.0	5408555.8
L4300.1	504300.0	5408554.6	5704.89990	220.64	0	48.829955	-86.941410	56176.49	56256.5	-6.50	56169.99	56162.22266	56159.09967	56153.87891	504300.0	5408554.6
L4300.1	504300.0	5408552.7	5705.00000	221.15	0	48.829938	-86.941410	56176.42	56256.5	-6.50	56169.92	56162.21094	56159.05553	56153.89844	504300.0	5408552.7
L4300.1	504300.0	5408552.7	5705.10010	220.99	0	48.829938	-86.941410	56176.54	56256.5	-6.50	56170.04	56162.39453	56158.99726	56153.90234	504300.0	5408552.7
L4300.1	504300.0	5408551.2	5705.20020	221.35	0	48.829924	-86.941410	56176.76	56256.5	-6.50	56170.25	56162.66797	56158.93150	56153.90234	504300.0	5408551.2
L4300.1	504300.0	5408551.2	5705.29981	222.24	0	48.829924	-86.941410	56176.82	56256.5	-6.51	56170.32	56162.80078	56158.87355	56153.91016	504300.0	5408551.2
L4300.1	504299.9	5408549.4	5705.39990	225.84	0	48.829908	-86.941411	56176.95	56256.5	-6.51	56170.45	56162.99609	56158.81005	56153.91016	504299.9	5408549.4
L4300.1	504299.9	5408548.4	5705.50000	225.49	0	48.829899	-86.941411	56177.00	56256.5	-6.51	56170.49	56163.10547	56158.75096	56153.91406	504299.9	5408548.4
L4300.1	504299.9	5408546.8	5705.60010	226.10	0	48.829885	-86.941411	56177.21	56256.5	-6.51	56170.70	56163.37891	56158.67892	56153.90625	504299.9	5408546.8
L4300.1	504299.9	5408545.7	5705.70020	222.85	0	48.829875	-86.941412	56177.21	56256.5	-6.51	56170.69	56163.43750	56158.61990	56153.91016	504299.9	5408545.7
L4300.1	504299.9	5408545.7	5705.79981	222.84	0	48.829875	-86.941412	56177.34	56256.5	-6.52	56170.82	56163.64063	56158.54988	56153.90234	504299.9	5408545.7
L4300.1	504299.9	5408544.3	5705.89990	223.12	0	48.829862	-86.941412	56177.28	56256.5	-6.52	56170.76	56163.64844	56158.49083	56153.90625	504299.9	5408544.3
L4300.1	504299.9	5408544.3	5706.00000	224.09	0	48.829862	-86.941412	56177.36	56256.5	-6.52	56170.84	56163.80078	56158.42073	56153.89844	504299.9	5408544.3
L4300.1	504299.8	5408542.5	5706.10010	224.52	0	48.829846	-86.941412	56177.31	56256.5	-6.52	56170.79	56163.82031	56158.35755	56153.89844	504299.8	5408542.5
L4300.1	504299.8	5408541.0	5706.20020	225.14	0	48.829833	-86.941413	56177.46	56256.5	-6.52	56170.94	56164.04688	56158.27927	56153.88281	504299.8	5408541.0
L4300.1	504299.8	5408539.4	5706.29981	225.36	0	48.829818	-86.941413	56177.55	56256.5	-6.52	56171.02	56164.19922	56158.20387	56153.86719	504299.8	5408539.4
L4300.1	504299.8	5408539.4	5706.39990	225.13	0	48.829818	-86.941413	56177.43	56256.5	-6.52	56170.91	56164.16406	56158.13934	56153.86719	504299.8	5408539.4
L4300.1	504299.8	5408538.0	5706.50000	223.86	0	48.829805	-86.941413	56177.62	56256.5	-6.52	56171.09	56164.42188	56158.05366	56153.84375	504299.8	5408538.0
L4300.1	504299.8	5408538.0	5706.60010	224.42	0	48.829805	-86.941413	56177.43	56256.5	-6.53	56170.91	56164.31641	56157.99015	56153.83984	504299.8	5408538.0
L4300.1	504299.8	5408536.4	5706.70020	224.27	0	48.829791	-86.941413	56177.43	56256.5	-6.53	56170.91	56164.39453	56157.91279	56153.82422	504299.8	5408536.4
L4300.1	504299.7	5408534.8	5706.79981	223.91	0	48.829776	-86.941414	56177.41	56256.5	-6.53	56170.88	56164.44531	56157.83558	56153.81250	504299.7	5408534.8
L4300.1	504299.7	5408534.8	5706.89990	224.32	0	48.829776	-86.941414	56177.59	56256.5	-6.53	56171.06	56164.70313	56157.74250	56153.78125	504299.7	5408534.8
L4300.1	504299.7	5408533.5	5707.00000	223.17	0	48.829765	-86.941414	56177.54	56256.5	-6.53	56171.01	56164.73438	56157.66288	56153.76172	504299.7	5408533.5
L4300.1	504299.7	5408532.0	5707.10010	223.98	0	48.829751	-86.941414	56177.48	56256.5	-6.53	56170.95	56164.75391	56157.58205	56153.74219	504299.7	5408532.0
L4300.1	504299.7	5408532.0	5707.20020	226.13	0	48.829751	-86.941414	56177.56	56256.5	-6.53	56171.03	56164.91406	56157.49000	56153.71484	504299.7	5408532.0
L4300.1	504299.7	5408530.5	5707.29981	224.52	0	48.829738	-86.941414	56177.52	56256.5	-6.53	56170.99	56164.95703	56157.40407	56153.68750	504299.7	5408530.5
L4300.1	504299.7	5408529.2	5707.39990	223.11	0	48.829726	-86.941414	56177.46	56256.5	-6.53	56170.92	56164.97266	56157.31825	56153.66406	504299.7	5408529.2
L4300.1	504299.7	5408529.2	5707.50000	221.73	0	48.829726	-86.941414	56177.34	56256.5	-6.54	56170.80	56164.93359	56157.23389	56153.64063	504299.7	5408529.2
L4300.1	504299.7	5408527.3	5707.60010	222.32	0	48.829709	-86.941414	56177.36	56256.5	-6.54	56170.82	56165.03906	56157.13831	56153.60938	504299.7	5408527.3
L4300.1	504299.7	5408526.0	5707.70020	222.12	0	48.829697	-86.941414	56177.26	56256.5	-6.54	56170.72	56165.02344	56157.04886	56153.58203	504299.7	5408526.0
L4300.1	504299.7	5408526.0	5707.79981	222.42	0	48.829697	-86.941414	56177.28	56256.5	-6.54	56170.74	56165.13281	56156.94954	56153.54297	504299.7	5408526.0
L4300.1	504299.7	5408524.4	5707.89990	221.79	0	48.829683	-86.941414	56177.23	56256.5	-6.54	56170.69	56165.16797	56156.85303	56153.50781	504299.7	5408524.4
L4300.1	504299.7	5408523.1	5708.00000	220.90	0	48.829671	-86.941415	56177.16	56256.5	-6.54	56170.62	56165.18359	56156.75601	56153.47266	504299.7	5408523.1
L4300.1	504299.7	5408523.1	5708.10010	222.04	0	48.829671	-86.941415	56176.98	56256.5	-6.54	56170.44	56165.08984	56156.66448	56153.44141	504299.7	5408523.1
L4300.1	504299.7	5408521.6	5708.20020	222.35	0	48.829658	-86.941415	56176.88	56256.5	-6.54	56170.34	56165.07813	56156.56580	56153.40625	504299.7	5408521.6
L4300.1	504299.7	5408519.7	5708.29981	220.48	0	48.829641	-86.941415	56176.90	56256.5	-6.54	56170.36	56165.18750	56156.45732	56153.35938	504299.7	5408519.7
L4300.1	504299.7	5408519.7	5708.39990	222.42	0	48.829641	-86.941415	56176.68	56256.5	-6.54	56170.15	56165.06641	56156.36239	56153.32422	504299.7	5408519.7
L4300.1	504299.7	5408518.4	5708.50000	223.71	0	48.829629	-86.941415	56176.60	56256.5	-6.54	56170.06	56165.06250	56156.25768	56153.28125	504299.7	5408518.4
L4300.1	504299.7	5408516.6	5708.60010	224.38	0	48.829613	-86.941415	56176.49	56256.5	-6.53	56169.96	56165.05469	56156.15190	56153.23438	504299.7	5408516.6
L4300.1	504299.7	5408515.5	5708.70020	224.61	0	48.829603	-86.941415	56176.52	56256.5	-6.53	56169.99	56165.17188	56156.03574	56153.17969	504299.7	5408515.5
L4300.1	504299.7	5408515.5	5708.79981	226.53	0	48.829603	-86.941415	56176.28	56256.5	-6.53	56169.75	56165.02344	56155.93587	56153.14063	504299.7	5408515.5
L4300.1	504299.7	5408513.7	5708.89990	226.57	0	48.829586	-86.941415	56176.19	56256.5	-6.53	56169.66	56165.02344	56155.82433	56153.08594	504299.7	5408513.7
L4300.1	504299.7	5408513.7	5709.00000	226.03	0	48.829586	-86.941415	56176.04	56256.5	-6.53	56169.51	56164.96094	56155.71514	56153.03906	504299.7	5408513.7
L4300.1	504299.7	5408511.9	5709.10010	225.58	0	48.829570	-86.941415	56175.79	56256.5	-6.53	56169.26	56164.80078	56155.61101	56152.99219	504299.7	5408511.9
L4300.1	504299.7	5408511.9	5709.20020	226.22	0	48.829570	-86.941415	56175.59	56256.5	-6.53	56169.06	56164.69141	56155.50195	56152.94531	504299.7	5408511.9
L4300.1	504299.7	5408510.1	5709.29981	227.13	0	48.829555	-86.941414	56175.43	56256.5	-6.53	56168.89	56164.60938	56155.38934	56152.89063	504299.7	5408510.1
L4300.1	504299.7	5408508.8	5709.39990	228.69	0	48.829543	-86.941414	56175.29	56256.5	-6.53	56168.75	56164.55859	56155.27320	56152.83203	504299.7	5408508.8
L4300.1	504299.7	5408507.3	5709.50000	228.13	0	48.829529	-86.941414	56175.07	56256.5	-6.54	56168.54	56164.43750	56155.16024	56152.77734	504299.7	5408507.3

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4300.1	504299.7	5408507.3	5709.60010	225.17	0	48.829529	-86.941414	56175.04	56256.5	-6.54	56168.50	56164.48828	56155.03449	56152.70703	504299.7	5408507.3
L4300.1	504299.7	5408505.4	5709.70020	223.11	0	48.829513	-86.941414	56174.75	56256.5	-6.54	56168.22	56164.29688	56154.92331	56152.65625	504299.7	5408505.4
L4300.1	504299.7	5408505.4	5709.79981	224.75	0	48.829513	-86.941414	56174.70	56256.5	-6.54	56168.17	56164.33594	56154.79542	56152.58203	504299.7	5408505.4
L4300.1	504299.7	5408504.1	5709.89990	223.24	0	48.829501	-86.941414	56174.47	56256.5	-6.54	56167.93	56164.18359	56154.67884	56152.52344	504299.7	5408504.1
L4300.1	504299.7	5408502.6	5710.00000	221.39	0	48.829487	-86.941414	56174.35	56256.5	-6.54	56167.81	56164.14844	56154.55296	56152.45313	504299.7	5408502.6
L4300.1	504299.7	5408501.0	5710.10010	220.50	0	48.829473	-86.941414	56174.04	56256.5	-6.54	56167.50	56163.92578	56154.43846	56152.39453	504299.7	5408501.0
L4300.1	504299.7	5408501.0	5710.20020	221.17	0	48.829473	-86.941414	56173.89	56256.5	-6.54	56167.35	56163.86328	56154.31207	56152.32031	504299.7	5408501.0
L4300.1	504299.7	5408501.0	5710.29981	221.34	0	48.829473	-86.941414	56173.76	56256.5	-6.54	56167.22	56163.82031	56154.18314	56152.24609	504299.7	5408501.0
L4300.1	504299.7	5408499.0	5710.39990	221.14	0	48.829455	-86.941414	56173.52	56256.5	-6.54	56166.98	56163.66406	56154.06040	56152.17969	504299.7	5408499.0
L4300.1	504299.7	5408497.5	5710.50000	223.49	0	48.829441	-86.941414	56173.46	56256.5	-6.54	56166.92	56163.69141	56153.92453	56152.09375	504299.7	5408497.5
L4300.1	504299.7	5408495.7	5710.60010	224.77	0	48.829425	-86.941414	56173.18	56256.5	-6.54	56166.64	56163.49609	56153.80226	56152.02344	504299.7	5408495.7
L4300.1	504299.7	5408495.7	5710.70020	224.82	0	48.829425	-86.941414	56173.12	56256.5	-6.54	56166.58	56163.51953	56153.66429	56151.93750	504299.7	5408495.7
L4300.1	504299.7	5408494.1	5710.79981	223.32	0	48.829411	-86.941414	56172.88	56256.5	-6.54	56166.33	56163.35156	56153.53799	56151.86328	504299.7	5408494.1
L4300.1	504299.7	5408494.1	5710.89990	221.66	0	48.829411	-86.941414	56172.64	56256.5	-6.54	56166.10	56163.20313	56153.40940	56151.78516	504299.7	5408494.1
L4300.1	504299.8	5408492.9	5711.00000	223.03	0	48.829400	-86.941414	56172.38	56256.5	-6.54	56165.84	56163.02344	56153.28190	56151.70703	504299.8	5408492.9
L4300.1	504299.8	5408491.3	5711.10010	221.85	0	48.829385	-86.941414	56172.29	56256.5	-6.54	56165.75	56163.01563	56153.14219	56151.61719	504299.8	5408491.3
L4300.1	504299.8	5408489.7	5711.20020	222.55	0	48.829371	-86.941414	56172.10	56256.5	-6.54	56165.55	56162.89453	56153.00899	56151.53125	504299.8	5408489.7
L4300.1	504299.8	5408489.7	5711.29981	222.45	0	48.829371	-86.941414	56171.92	56256.5	-6.55	56165.37	56162.79297	56152.87367	56151.44531	504299.8	5408489.7
L4300.1	504299.8	5408487.9	5711.39990	222.33	0	48.829355	-86.941414	56171.82	56256.5	-6.55	56165.27	56162.76953	56152.73226	56151.34766	504299.8	5408487.9
L4300.1	504299.8	5408486.8	5711.50000	222.30	0	48.829345	-86.941414	56171.62	56256.6	-6.55	56165.07	56162.64453	56152.59682	56151.25781	504299.8	5408486.8
L4300.1	504299.8	5408485.2	5711.60010	223.00	0	48.829330	-86.941413	56171.36	56256.6	-6.55	56164.81	56162.46094	56152.46471	56151.17188	504299.8	5408485.2
L4300.1	504299.8	5408485.2	5711.70020	220.81	0	48.829330	-86.941413	56171.16	56256.6	-6.55	56164.61	56162.33594	56152.32798	56151.08203	504299.8	5408485.2
L4300.1	504299.8	5408483.9	5711.79981	222.40	0	48.829318	-86.941413	56170.96	56256.6	-6.56	56164.40	56162.19922	56152.19133	56150.98828	504299.8	5408483.9
L4300.1	504299.8	5408481.9	5711.89990	221.36	0	48.829301	-86.941413	56170.79	56256.6	-6.56	56164.23	56162.10156	56152.05147	56150.89063	504299.8	5408481.9
L4300.1	504299.8	5408480.5	5712.00000	222.29	0	48.829289	-86.941413	56170.40	56256.6	-6.56	56163.84	56161.78516	56151.92576	56150.80469	504299.8	5408480.5
L4300.1	504299.8	5408480.5	5712.10010	223.28	0	48.829289	-86.941413	56170.27	56256.6	-6.56	56163.71	56161.72266	56151.78226	56150.70313	504299.8	5408480.5
L4300.1	504299.8	5408479.2	5712.20020	224.53	0	48.829276	-86.941413	56170.06	56256.6	-6.56	56163.50	56161.58203	56151.64367	56150.60547	504299.8	5408479.2
L4300.1	504299.8	5408479.2	5712.29981	223.53	0	48.829276	-86.941413	56169.76	56256.6	-6.56	56163.20	56161.35156	56151.51069	56150.51172	504299.8	5408479.2
L4300.1	504299.8	5408477.4	5712.39990	222.71	0	48.829260	-86.941413	56169.68	56256.6	-6.56	56163.12	56161.33594	56151.36270	56150.40234	504299.8	5408477.4
L4300.1	504299.8	5408475.6	5712.50000	223.73	0	48.829244	-86.941413	56169.54	56256.6	-6.56	56162.98	56161.26172	56151.21839	56150.29688	504299.8	5408475.6
L4300.1	504299.8	5408474.4	5712.60010	225.05	0	48.829234	-86.941413	56169.36	56256.6	-6.56	56162.80	56161.14844	56151.07647	56150.19141	504299.8	5408474.4
L4300.1	504299.8	5408474.4	5712.70020	225.39	0	48.829234	-86.941413	56169.14	56256.6	-6.56	56162.58	56160.98828	56150.93699	56150.08984	504299.8	5408474.4
L4300.1	504299.8	5408473.0	5712.79981	226.50	0	48.829221	-86.941413	56169.04	56256.6	-6.56	56162.48	56160.94922	56150.78930	56149.97656	504299.8	5408473.0
L4300.1	504299.8	5408473.0	5712.89990	223.36	0	48.829221	-86.941413	56168.98	56256.6	-6.56	56162.42	56160.95313	56150.63878	56149.85938	504299.8	5408473.0
L4300.1	504299.8	5408471.2	5713.00000	225.98	0	48.829204	-86.941413	56168.71	56256.6	-6.56	56162.15	56160.73828	56150.50214	56149.75781	504299.8	5408471.2
L4300.1	504299.8	5408469.3	5713.10010	225.40	0	48.829187	-86.941413	56168.45	56256.6	-6.56	56161.89	56160.53906	56150.36473	56149.65234	504299.8	5408469.3
L4300.1	504299.8	5408469.3	5713.20020	225.91	0	48.829187	-86.941413	56168.30	56256.6	-6.56	56161.74	56160.44531	56150.21993	56149.53906	504299.8	5408469.3
L4300.1	504299.8	5408468.1	5713.29981	227.35	0	48.829177	-86.941413	56168.15	56256.6	-6.56	56161.59	56160.34766	56150.07511	56149.42578	504299.8	5408468.1
L4300.1	504299.8	5408466.7	5713.39990	226.99	0	48.829164	-86.941413	56167.97	56256.6	-6.56	56161.41	56160.22266	56149.93229	56149.31250	504299.8	5408466.7
L4300.1	504299.8	5408465.3	5713.50000	224.05	0	48.829151	-86.941413	56167.78	56256.6	-6.56	56161.22	56160.08594	56149.79018	56149.19922	504299.8	5408465.3
L4300.1	504299.8	5408465.3	5713.60010	224.42	0	48.829151	-86.941413	56167.59	56256.6	-6.56	56161.03	56159.94531	56149.64815	56149.08594	504299.8	5408465.3
L4300.1	504299.8	5408462.9	5713.70020	222.74	0	48.829130	-86.941413	56167.40	56256.6	-6.56	56160.84	56159.80469	56149.50623	56148.97266	504299.8	5408462.9
L4300.1	504299.8	5408461.7	5713.79981	221.39	0	48.829119	-86.941413	56167.31	56256.6	-6.56	56160.75	56159.76172	56149.35778	56148.85156	504299.8	5408461.7
L4300.1	504299.8	5408461.7	5713.89990	222.74	0	48.829119	-86.941413	56167.20	56256.6	-6.56	56160.64	56159.69922	56149.21084	56148.72656	504299.8	5408461.7
L4300.1	504299.8	5408459.8	5714.00000	223.76	0	48.829102	-86.941413	56166.95	56256.6	-6.56	56160.39	56159.49609	56149.07344	56148.61719	504299.8	5408459.8
L4300.1	504299.8	5408458.5	5714.10010	223.12	0	48.829090	-86.941413	56166.86	56256.6	-6.56	56160.30	56159.44922	56148.92560	56148.49219	504299.8	5408458.5
L4300.1	504299.8	5408458.5	5714.20020	223.85	0	48.829090	-86.941413	56166.81	56256.6	-6.56	56160.25	56159.44141	56148.77537	56148.36328	504299.8	5408458.5
L4300.1	504299.9	5408456.4	5714.29981	222.01	0	48.829071	-86.941413	56166.69	56256.6	-6.56	56160.13	56159.36328	56148.63010	56148.24219	504299.9	5408456.4
L4300.1	504299.9	5408456.4	5714.39990	222.34	0	48.829071	-86.941413	56166.54	56256.6	-6.56	56159.98	56159.25391	56148.48717	56148.12109	504299.9	5408456.4
L4300.1	504299.9	5408455.0	5714.50000	224.26	0	48.829059	-86.941413	56166.23	56256.6	-6.56	56159.67	56158.98047	56148.35526	56148.00781	504299.9	5408455.0
L4300.1	504299.9	5408453.9	5714.60010	223.81	0	48.829049	-86.941413	56166.00	56256.6	-6.56	56159.44	56158.78906	56148.21841	56147.89063	504299.9	5408453.9
L4300.1	504299.9	5408452.2	5714.70020	223.29	0	48.829034	-86.941413	56165.64	56256.6	-6.56	56159.08	56158.46484	56148.09064	56147.78125	504299.9	5408452.2
L4300.1	504299.9	5408452.2	5714.79981	223.94	0	48.829034	-86.941413	56165.59	56256.6	-6.56	56159.03	56158.44922	56147.94267	56147.65234	504299.9	5408452.2
L4300.1	504299.9	5408450.7	5714.89990	223.77	0	48.829020	-86.941413	56165.44	56256.6	-6.56	56158.88	56158.33203	56147.80184	56147.52734	504299.9	5408450.7
L4300.1	504299.9	5408448.9	5715.00000	222.91	0	48.829004	-86.941413	56165.52	56256.6	-6.56	56158.96	56158.44531	56147.64619	56147.39063	504299.9	5408448.9
L4300.1	504299.9	5408447.5	5715.10010	221.90	0	48.828992	-86.941413	56165.37	56256.6	-6.56	56158.81	56158.32813	56147.50642	56147.26563	504299.9	5408447.5
L4300.1	504299.9	5408447.5	5715.20020	221.35	0	48.828992	-86.941413	56165.32	56256.6	-6.56	56158.76	56158.30469	56147.36055	56147.13672	504299.9	5408447.5
L4300.1	504299.9	5408444.0	5715.39990	220.81	0	48.828960	-86.941413	56165.00	56256.6	-6.56	56158.44	56158.01563	56147.23329	56147.02344	504299.9	5408444.0
L4300.1	504299.9	5408442.9	5715.50000	223.05	0	48.828950	-86.941412	56164.76	56256.6	-6.56	56158.20	56157.80078	56147.10132	56146.90234	504299.9	5408442.9
L4300.1	504299.9	5408442.9	5715.60010	224.74	0	48.828950	-86.941412	56164.56	56256.6	-6.56	56158.00	56157.62891	56146.96735	56146.78125	504299.9	5408442.9
L4300.1	504299.9	5408441.4	5715.70020	224.06	0	48.828937	-86.941412	56164.38	56256.6	-6.56	56157.82	56157.47266	56146.83274	56146.66016	504299.9	5408441.4
L4300.1	504299.9	5408441.4	5715.79981	226.17	0	48.828937	-86.941412	56164.28	56256.6	-6.56	56157.72	56157.39453	56146.69351	56146.53125	504299.9	5408441.4
L4300.1	504299.9	5408439.8	5715.89990	226.21	0	48.828922	-86.941412	56164.22	56256.6	-6.56	56157.66	56157.35938	56146.55236	56146.40234	504299.9	5408439.8
L4300.1	504299.9	5408438.4	5716.00000	224.48	0	48.828910	-86.941412	56164.03	56256.6	-6.56	56157.47	56157.19141	56146.42065	56146.28125	504299.9	5408438.4
L4300.1	504299.9	5408437.0	5716.10010	225.48	0	48.828897	-86.941412	56163.89	56256.6	-6.56	56157.33	56157.07031	56146.28642	56146.15625	504299.9	5408437.0
L4300.1	504299.9	5408435.6	5716.20020	224.94	0	48.828884	-86.941412	56163.81	56256.6	-6.56	56157.25	56157.01172	56146.14902	56146.02734	504299.9	5408435.6
L4300.1	504299.9	5408435.6	5716.29981	223.42	0	48.828884	-86.941412	56163.70	56256.6	-6.56	56157.14	56156.91797	56146.01447	56145.90234	504299.9	5408435.6
L4300.1	504300.0	5408433.8	5716.39990	222.72	0	48.828868	-86.941412	56163.35	56256.6	-6.56	56156.79	56156.58594	56145.89682	56145.79297	504300.0	5408433.8
L4300.1	504300.0	5408433.8	5716.50000	222.68	0	48.828868	-86.941412	56163.31	56256.6	-6.56	56156.75	56156.56250	56145.75941	56145.66406	504300.0	5408433.8
L4300.1	504300.0	5408431.7	5716.60010	224.17	0	48.828849	-86.941412	56163.40	56256.6	-6.56	56156.84	56156.66797	56145.61427	56145.52344	504300.0	5408431.7
L4300.1	504300.0	5408430.3	5716.70020	224.12	0	48.828836	-86.941412	56163.22	56256.6	-6.56	56156.66	56156.50391	56145.48810	56145.40625	504300.0	5408430.3
L4300.1	504300.0	5408430.3	5716.79981	225.73	0	48.828836	-86.941412	56163.14	56256.6	-6.56	56156.58	56156.43750	56145.35626	56145.28125	504300.0	5408430.3
L4300.1	504299.9	5408428.8	5716.89990	223.77	0	48.828823	-86.941412	56163.04	56256.6	-6.56	56156.48	56156.35156	56145.22676	56145.15625	504299.9	5408428.8
L4300.1	504299.9	5408427.1	5717.00000	226.05	0	48.828808	-86.941412	56162.91	56256.6	-6.56	56156.35	56156.23438	56145.10031	56145.03516	504299.9	5408427.1
L4300.1	504299.9	5408425.4	5717.10010	225.56	0	48.828793	-86.941412	56162.71	56256.6	-6.56	56156.15	56156.04688	56144.97958	56144.91797	504299.9	5408425.4
L4300.1	504299.9	5408425.4	5717.20020	223.65	0	48.828793	-86.941412	56162.64	56256.6	-6.56	56156.08	56155.98828	56144.85127	56144.79688	504299.9	5408425.4
L4300.1	504299.9	5408423.5	5717.29981	226.14	0	48.828775	-86.941412	56162.41	56256.6	-6.56	56155.85	56155.76953	56144.73473	56144.68359	504299.9	5408423.5
L4300.1	504299.9	5408423.5	5717.39990	226.56	0	48.828775	-86.941412	56162.39	56256.6	-6.56	56155.84	56155.76953	56144.60466	56144.55859	504299.9	5408423.5
L4300.1	504299.9	5408422.0	5717.50000	225.94	0	48.828762	-86.941412	56162.16	56256.6	-6.56	56155.60	56155.53516	56144.49106	56144.44922	504299.9	5408422.0
L4300.1	504299.9	5408420.4	5717.60010	225.22	0	48.828748	-86.941412	56162.25	56256.6	-6.55	56155.70	56155.64453	56144.35595	56144.31641	504299.9	5408420.4
L4300.1	504299.9	5408419.1	5717.70020	222.68	0	48.828736	-86.941412	56162.10	56256.6	-6.55	56155.55	56155.50391	56144.23870	56144.20313	504299.9	5408419.1
L4300.1	504299.9	5408419.1	5717.79981	224.05	0	48.828736	-86.941412	56161.93	56256.6	-6.55	56155.38	56155.33984	56144.12396	56144.08984	504299.9	5408419.1
L4300.1	504299.9	5408417.2	5717.89990	224.68	0	48.828719	-86.941412	56161.88	56256.6	-6.55	56155.32	56155.28906	56144.00311	56143.97266	504299.9	5408417.2
L4300.1	504300.0	5408415.2	5718.00000	224.12	0	48.828701	-86.941412	56161.71	56256.6	-6.55	56155.16	56155.13281	56143.89014	56143.85938	504300.0	5408415.2
L4300.1	504300.0	5408413.8	5718.10010	224.08	0	48.828688	-86.941412	56161.77	56256.6	-6.55	56155.22	56155.19922	56143.76373	56143.73438	504300.0	5408413.8
L4300.1	504300.0	5408413.8	5718.20020	224.94	0	48.828688	-86.941412	56161.72	56256.6	-6.55	56155.17	56155.15625	56143.64589	56143.62109	504300.0	5408413.8
L4300.1	504300.0	5408412.4	5718.29981	225.10	0	48.828675	-86.941412	56161.68	56256.6	-6.55	56155.13	56155.12109	56143.52863	56143.50391	504300.0	5408412.4
L4300.1	504300.0	5408410.8	5718.39990	223.36	0	48.828661	-86.941411	56161.46	56256.6	-6.55	56154.91	56154.90234	56143.42461	56143.40234	504300.0	5408410.8
L4300.1	504300.0	5408410.8	5718.50000	223.30	0	48.828661	-86.941411	56161.32	56256.6	-6.55	56154.77	56154.76953	56143.31651	56143.29297	504300.0	5408410.8
L4300.1	504300.0	5408408.9	5718.60010	222.29	0	48.828644	-86.941411	56161.06	56256.6	-6.55	56154.51	56154.51172	56143.21765	56143.19531	504300.0	5408408.9
L4300.1	504300.0	5408407.3	5718.70020	221.69	0	48.828630	-86.941411	56161.20	56256.6	-6.55	56154.65	56154.65625	56143.09337	56143.07422	504300.0	5408407.3
L4300.1	504300.1	5408402.2	5719.20020	220.18	0	48.828583	-86.941410	56161.20	56256.5	-6.54	56154.65	56154.65625	56142.97965	56142.96094	504300.1	5408402.2
L4300.1	504300.1	5408400.8	5719.29981	222.20	0	48.828571	-86.941410	56161.10	56256.5	-6.54	56154.56	56154.57031	56142.87316	56142.85547	504300.1	5408400.8

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4300.1	504300.1	5408400.8	5719.39990	223.72	0	48.828571	-86.941410	56161.09	56256.5	-6.54	56154.55	56154.56250	56142.76255	56142.74609	504300.1	5408400.8
L4300.1	504300.1	5408399.3	5719.50000	222.28	0	48.828558	-86.941410	56161.05	56256.5	-6.54	56154.51	56154.52344	56142.65513	56142.63672	504300.1	5408399.3
L4300.1	504300.1	5408397.7	5719.60010	220.99	0	48.828543	-86.941410	56161.32	56256.5	-6.53	56154.78	56154.79688	56142.52823	56142.51172	504300.1	5408397.7
L4300.1	504300.1	5408396.4	5719.70020	222.45	0	48.828531	-86.941410	56161.45	56256.5	-6.53	56154.92	56154.93750	56142.41115	56142.39453	504300.1	5408396.4
L4300.1	504300.1	5408396.4	5719.79981	221.66	0	48.828531	-86.941410	56161.64	56256.5	-6.53	56155.12	56155.14063	56142.29119	56142.27344	504300.1	5408396.4
L4300.1	504300.1	5408394.7	5719.89990	221.55	0	48.828517	-86.941410	56161.50	56256.5	-6.52	56154.98	56155.00000	56142.19501	56142.17969	504300.1	5408394.7
L4300.1	504300.1	5408394.7	5720.00000	222.10	0	48.828517	-86.941410	56161.62	56256.5	-6.52	56155.10	56155.12109	56142.08256	56142.06641	504300.1	5408394.7
L4300.1	504300.1	5408392.5	5720.10010	222.70	0	48.828497	-86.941410	56161.66	56256.5	-6.52	56155.13	56155.15234	56141.97715	56141.96094	504300.1	5408392.5
L4300.1	504300.1	5408390.6	5720.20020	220.40	0	48.828480	-86.941410	56161.57	56256.5	-6.52	56155.04	56155.06250	56141.88072	56141.86328	504300.1	5408390.6
L4300.1	504300.1	5408390.6	5720.29981	220.71	0	48.828480	-86.941410	56161.84	56256.5	-6.53	56155.31	56155.33203	56141.76125	56141.74219	504300.1	5408390.6
L4300.1	504300.2	5408389.5	5720.39990	221.42	0	48.828470	-86.941409	56162.00	56256.5	-6.53	56155.47	56155.49219	56141.65002	56141.63281	504300.2	5408389.5
L4300.1	504300.2	5408387.8	5720.50000	220.69	0	48.828454	-86.941409	56162.20	56256.5	-6.53	56155.67	56155.69141	56141.53696	56141.51953	504300.2	5408387.8
L4300.1	504300.2	5408387.8	5720.60010	223.36	0	48.828454	-86.941409	56162.13	56256.5	-6.53	56155.60	56155.62109	56141.44271	56141.42188	504300.2	5408387.8
L4300.1	504300.2	5408385.8	5720.70020	224.69	0	48.828436	-86.941409	56162.26	56256.5	-6.53	56155.73	56155.75391	56141.33585	56141.31641	504300.2	5408385.8
L4300.1	504300.2	5408383.9	5720.79981	223.93	0	48.828419	-86.941409	56162.36	56256.5	-6.54	56155.82	56155.84375	56141.23234	56141.21094	504300.2	5408383.9
L4300.1	504300.2	5408383.9	5720.89990	223.97	0	48.828419	-86.941409	56162.48	56256.5	-6.54	56155.94	56155.96094	56141.12743	56141.10547	504300.2	5408383.9
L4300.1	504300.2	5408381.9	5721.00000	223.11	0	48.828401	-86.941408	56162.58	56256.5	-6.54	56156.04	56156.06250	56141.02438	56141.00391	504300.2	5408381.9
L4300.1	504300.3	5408380.4	5721.10010	222.61	0	48.828388	-86.941408	56162.82	56256.5	-6.54	56156.28	56156.30078	56140.91246	56140.89063	504300.3	5408380.4
L4300.1	504300.3	5408380.4	5721.20020	223.59	0	48.828388	-86.941408	56162.89	56256.5	-6.54	56156.35	56156.37109	56140.81225	56140.78906	504300.3	5408380.4
L4300.1	504300.3	5408378.7	5721.29981	225.88	0	48.828373	-86.941408	56163.14	56256.5	-6.53	56156.61	56156.62891	56140.69966	56140.67578	504300.3	5408378.7
L4300.1	504300.3	5408377.3	5721.39990	226.88	0	48.828359	-86.941408	56163.17	56256.5	-6.53	56156.64	56156.66016	56140.60261	56140.58203	504300.3	5408377.3
L4300.1	504300.3	5408377.3	5721.50000	228.04	0	48.828359	-86.941408	56163.40	56256.5	-6.53	56156.87	56156.89063	56140.49232	56140.46875	504300.3	5408377.3
L4300.1	504300.3	5408375.4	5721.60010	228.62	0	48.828342	-86.941408	56163.63	56256.5	-6.53	56157.10	56157.11719	56140.38204	56140.35938	504300.3	5408375.4
L4300.1	504300.3	5408375.4	5721.70020	225.57	0	48.828342	-86.941408	56163.92	56256.5	-6.53	56157.39	56157.41016	56140.26766	56140.24219	504300.3	5408375.4
L4300.1	504300.3	5408373.2	5721.79981	224.77	0	48.828323	-86.941407	56164.08	56256.5	-6.52	56157.56	56157.57813	56140.16108	56140.13672	504300.3	5408373.2
L4300.1	504300.3	5408371.6	5721.89990	223.08	0	48.828309	-86.941407	56164.30	56256.5	-6.52	56157.78	56157.79688	56140.05083	56140.02734	504300.3	5408371.6
L4300.1	504300.3	5408371.6	5722.00000	223.56	0	48.828309	-86.941407	56164.62	56256.5	-6.52	56158.10	56158.11719	56139.93348	56139.91016	504300.3	5408371.6
L4300.1	504300.3	5408370.4	5722.10010	224.04	0	48.828298	-86.941407	56164.86	56256.5	-6.52	56158.34	56158.35547	56139.82089	56139.79688	504300.3	5408370.4
L4300.1	504300.3	5408368.7	5722.20020	224.71	0	48.828283	-86.941407	56165.01	56256.5	-6.52	56158.49	56158.50781	56139.71361	56139.68750	504300.3	5408368.7
L4300.1	504300.3	5408366.8	5722.29981	223.49	0	48.828266	-86.941407	56165.19	56256.5	-6.52	56158.67	56158.68750	56139.60350	56139.57813	504300.3	5408366.8
L4300.1	504300.3	5408366.8	5722.39990	222.33	0	48.828266	-86.941407	56165.56	56256.5	-6.52	56159.04	56159.05469	56139.47975	56139.45313	504300.3	5408366.8
L4300.1	504300.3	5408365.2	5722.50000	221.74	0	48.828251	-86.941407	56165.90	56256.5	-6.51	56159.38	56159.39453	56139.35690	56139.33203	504300.3	5408365.2
L4300.1	504300.3	5408363.7	5722.60010	221.12	0	48.828238	-86.941407	56166.24	56256.5	-6.51	56159.73	56159.74609	56139.23211	56139.20703	504300.3	5408363.7
L4300.1	504300.3	5408363.7	5722.70020	221.29	0	48.828238	-86.941407	56166.56	56256.5	-6.51	56160.05	56160.06641	56139.10791	56139.08203	504300.3	5408363.7
L4300.1	504300.4	5408362.0	5722.79981	223.10	0	48.828222	-86.941407	56166.99	56256.5	-6.51	56160.48	56160.49609	56138.97480	56138.94922	504300.4	5408362.0
L4300.1	504300.4	5408362.0	5722.89990	222.97	0	48.828222	-86.941407	56167.31	56256.5	-6.51	56160.80	56160.81641	56138.84729	56138.82031	504300.4	5408362.0
L4300.1	504300.4	5408360.4	5723.00000	223.62	0	48.828207	-86.941407	56167.47	56256.5	-6.51	56160.96	56160.97266	56138.72854	56138.69922	504300.4	5408360.4
L4300.1	504300.4	5408358.5	5723.10010	221.15	0	48.828190	-86.941407	56167.94	56256.5	-6.51	56161.43	56161.44531	56138.58705	56138.55859	504300.4	5408358.5
L4300.1	504300.4	5408356.9	5723.20020	220.78	0	48.828177	-86.941407	56168.18	56256.5	-6.51	56161.67	56161.68359	56138.45865	56138.42969	504300.4	5408356.9
L4300.1	504300.4	5408356.9	5723.29981	222.21	0	48.828177	-86.941407	56168.66	56256.5	-6.51	56162.15	56162.16406	56138.31181	56138.28516	504300.4	5408356.9
L4300.1	504300.4	5408355.6	5723.39990	220.91	0	48.828164	-86.941407	56168.84	56256.5	-6.51	56162.33	56162.34375	56138.18235	56138.15234	504300.4	5408355.6
L4300.1	504300.4	5408352.4	5723.60010	220.36	0	48.828135	-86.941407	56169.66	56256.5	-6.51	56163.15	56163.16406	56138.00742	56137.98047	504300.4	5408352.4
L4300.1	504300.4	5408352.4	5723.70020	221.22	0	48.828135	-86.941407	56170.06	56256.5	-6.51	56163.54	56163.55078	56137.85816	56137.82813	504300.4	5408352.4
L4300.1	504300.4	5408350.1	5723.79981	222.89	0	48.828116	-86.941407	56170.57	56256.5	-6.51	56164.06	56164.07031	56137.69705	56137.66797	504300.4	5408350.1
L4300.1	504300.4	5408350.1	5723.89990	223.65	0	48.828116	-86.941407	56170.98	56256.5	-6.51	56164.47	56164.48047	56137.53988	56137.51172	504300.4	5408350.1
L4300.1	504300.4	5408348.5	5724.00000	223.00	0	48.828100	-86.941407	56171.46	56256.5	-6.51	56164.95	56164.96094	56137.37445	56137.34375	504300.4	5408348.5
L4300.1	504300.4	5408347.2	5724.10010	222.08	0	48.828089	-86.941407	56171.79	56256.5	-6.51	56165.28	56165.28906	56137.21523	56137.18750	504300.4	5408347.2
L4300.1	504300.4	5408345.3	5724.20020	224.54	0	48.828072	-86.941407	56172.22	56256.5	-6.51	56165.71	56165.71875	56137.04534	56137.01563	504300.4	5408345.3
L4300.1	504300.4	5408345.3	5724.29981	225.46	0	48.828072	-86.941407	56172.56	56256.5	-6.51	56166.05	56166.05859	56136.87725	56136.84766	504300.4	5408345.3
L4300.1	504300.4	5408343.8	5724.39990	225.92	0	48.828058	-86.941407	56172.92	56256.5	-6.51	56166.41	56166.41797	56136.70340	56136.67188	504300.4	5408343.8
L4300.1	504300.4	5408343.8	5724.50000	225.65	0	48.828058	-86.941407	56173.18	56256.5	-6.51	56166.67	56166.67969	56136.53160	56136.50000	504300.4	5408343.8
L4300.1	504300.4	5408341.5	5724.60010	227.39	0	48.828038	-86.941407	56173.65	56256.5	-6.51	56167.14	56167.14844	56136.34094	56136.30859	504300.4	5408341.5
L4300.1	504300.4	5408340.1	5724.70020	224.90	0	48.828025	-86.941407	56174.04	56256.5	-6.51	56167.53	56167.53906	56136.15057	56136.12109	504300.4	5408340.1
L4300.1	504300.4	5408340.1	5724.79981	225.13	0	48.828025	-86.941407	56174.45	56256.5	-6.51	56167.93	56167.93750	56135.95425	56135.92188	504300.4	5408340.1
L4300.1	504300.4	5408337.3	5724.89990	225.05	0	48.828000	-86.941407	56174.75	56256.5	-6.51	56168.24	56168.24609	56135.75845	56135.72656	504300.4	5408337.3
L4300.1	504300.4	5408337.3	5725.00000	226.98	0	48.828000	-86.941407	56175.33	56256.5	-6.51	56168.82	56168.82813	56135.53893	56135.50781	504300.4	5408337.3
L4300.1	504300.4	5408335.9	5725.10010	226.29	0	48.827987	-86.941407	56175.67	56256.5	-6.51	56169.16	56169.16797	56135.32950	56135.29688	504300.4	5408335.9
L4300.1	504300.4	5408335.9	5725.20020	224.21	0	48.827987	-86.941407	56175.84	56256.5	-6.51	56169.33	56169.33594	56135.12526	56135.09375	504300.4	5408335.9
L4300.1	504300.4	5408334.2	5725.29981	226.07	0	48.827972	-86.941407	56176.13	56256.5	-6.51	56169.62	56169.62500	56134.90666	56134.87500	504300.4	5408334.2
L4300.1	504300.4	5408332.5	5725.39990	225.55	0	48.827957	-86.941407	56176.49	56256.5	-6.51	56169.99	56169.99609	56134.67615	56134.64453	504300.4	5408332.5
L4300.1	504300.4	5408330.6	5725.50000	224.98	0	48.827940	-86.941407	56176.75	56256.5	-6.51	56170.24	56170.24609	56134.44685	56134.41406	504300.4	5408330.6
L4300.1	504300.4	5408330.6	5725.60010	225.25	0	48.827940	-86.941407	56176.98	56256.5	-6.50	56170.47	56170.47266	56134.21188	56134.17969	504300.4	5408330.6
L4300.1	504300.3	5408329.1	5725.70020	225.83	0	48.827926	-86.941408	56177.46	56256.5	-6.50	56170.95	56170.95313	56133.95303	56133.91797	504300.3	5408329.1
L4300.1	504300.3	5408327.7	5725.79981	225.01	0	48.827914	-86.941408	56177.66	56256.5	-6.50	56171.16	56171.16406	56133.70474	56133.67188	504300.3	5408327.7
L4300.1	504300.3	5408327.7	5725.89990	225.47	0	48.827914	-86.941408	56177.84	56256.5	-6.50	56171.34	56171.34375	56133.45081	56133.41406	504300.3	5408327.7
L4300.1	504300.3	5408326.0	5726.00000	223.39	0	48.827898	-86.941408	56178.04	56256.5	-6.50	56171.54	56171.54297	56133.18770	56133.15234	504300.3	5408326.0
L4300.1	504300.3	5408323.9	5726.10010	221.20	0	48.827880	-86.941408	56178.32	56256.5	-6.50	56171.82	56171.82031	56132.91119	56132.87500	504300.3	5408323.9
L4300.1	504300.3	5408323.9	5726.20020	220.21	0	48.827880	-86.941408	56178.42	56256.5	-6.50	56171.92	56171.92188	56132.63841	56132.60156	504300.3	5408323.9
L4300.1	504300.3	5408322.3	5726.29981	221.98	0	48.827865	-86.941408	56178.59	56256.5	-6.50	56172.09	56172.08984	56132.35249	56132.31641	504300.3	5408322.3
L4300.1	504300.3	5408320.8	5726.39990	222.67	0	48.827851	-86.941409	56178.91	56256.5	-6.50	56172.41	56172.41016	56132.04791	56132.01172	504300.3	5408320.8
L4300.1	504300.2	5408319.2	5726.50000	223.13	0	48.827838	-86.941409	56179.05	56256.5	-6.50	56172.55	56172.55078	56131.74645	56131.70703	504300.2	5408319.2
L4300.1	504300.2	5408319.2	5726.60010	223.65	0	48.827838	-86.941409	56179.25	56256.5	-6.50	56172.75	56172.75000	56131.43192	56131.39453	504300.2	5408319.2
L4300.1	504300.2	5408319.2	5726.70020	224.25	0	48.827838	-86.941409	56179.14	56256.5	-6.50	56172.64	56172.64063	56131.12880	56131.08984	504300.2	5408319.2
L4300.1	504300.2	5408317.2	5726.79981	226.05	0	48.827819	-86.941409	56179.38	56256.5	-6.50	56172.88	56172.87891	56130.79290	56130.75391	504300.2	5408317.2
L4300.1	504300.2	5408316.0	5726.89990	225.13	0	48.827808	-86.941410	56179.40	56256.5	-6.50	56172.90	56172.89844	56130.46202	56130.42188	504300.2	5408316.0
L4300.1	504300.2	5408314.6	5727.00000	223.84	0	48.827795	-86.941410	56179.50	56256.5	-6.50	56173.00	56173.00000	56130.11598	56130.07422	504300.2	5408314.6
L4300.1	504300.1	5408313.1	5727.10010	224.42	0	48.827782	-86.941411	56179.53	56256.5	-6.50	56173.03	56173.02734	56129.76461	56129.72266	504300.1	5408313.1
L4300.1	504300.1	5408313.1	5727.20020	226.36	0	48.827782	-86.941411	56179.57	56256.5	-6.50	56173.07	56173.06641	56129.40239	56129.35938	504300.1	5408313.1
L4300.1	504300.1	5408311.4	5727.29981	227.84	0	48.827767	-86.941411	56179.58	56256.5	-6.50	56173.08	56173.07813	56129.03182	56128.98828	504300.1	5408311.4
L4300.1	504300.1	5408309.9	5727.39990	225.68	0	48.827754	-86.941411	56179.43	56256.5	-6.50	56172.93	56172.92969	56128.66139	56128.61719	504300.1	5408309.9
L4300.1	504300.1	5408308.7	5727.50000	224.34	0	48.827743	-86.941411	56179.50	56256.5	-6.50	56173.00	56172.99609	56128.26560	56128.21875	504300.1	5408308.7
L4300.1	504300.1	5408308.7	5727.60010	224.01	0	48.827743	-86.941411	56179.40	56256.5	-6.50	56172.90	56172.89844	56127.87029	56127.82422	504300.1	5408308.7
L4300.1	504300.1	5408307.3	5727.70020	222.85	0	48.827730	-86.941411	56179.24	56256.5	-6.50	56172.74	56172.73828	56127.46797	56127.42188	504300.1	5408307.3
L4300.1	504300.1	5408305.3	5727.79981	225.02	0	48.827712	-86.941411	56179.05	56256.5	-6.50	56172.55	56172.54688	56127.05649	56127.00781	504300.1	5408305.3
L4300.1	504300.1	5408305.3	5727.89990	226.99	0	48.827712	-86.941411	56178.82	56256.5	-6.50	56172.32	56172.31641	56126.63635	56126.58594	504300.1	5408305.3
L4300.1	504300.1	5408303.4	5728.00000	227.85	0	48.827695	-86.941411	56178.63	56256.5	-6.50	56172.13	56172.12891	56126.20209	56126.15234	504300.1	5408303.4
L4300.1	504300.1	5408301.9	5728.10010	228.35	0	48.827682	-86.941411	56178.48	56256.5	-6.50	56171.99	56171.98828	56125.75289	56125.70313	504300.1	5408301.9
L4300.1	504300.1	5408301.9	5728.20020	228.08	0	48.827682	-86.941411	56178.20	56256.5	-6.50	56171.70	56171.69922	56125.30194	56125.25000	504300.1	5408301.9
L4300.1	504300.1	5408300.2	5728.29981	227.79	0	48.827667	-86.941411	56177.71	56256.5	-6.49	56171.22	56171.21875	56124.85178	56124.80078	504300.1	5408300.2
L4300.1	504300.1	5408298.8	5728.39990	227.12	0	48.827654	-86.941411	56177.41	56256.5	-6.49	56170.91	56170.91016	56124.37828	56124.32422	504300.1	5408298.8
L4300.1	504300.1	5408297.3	5728.50000	226.19	0	48.827640	-86.941411	56177.08	56256.5	-6.49	56170.59	56170.58984	56123.89330	56123.83984	504300.1	5408297.3
L4300.1	504300.1	5408297.3	5728.60010	225.05	0	48.827640	-86.941411	56176.72	56256.5	-6.49	56170.23	56170.23047	56123.39874	56123.34375	504300.1	5408297.3
L4300.1	504300.1	5408295.5	5728.70020	226.19	0	48.827624	-86.941411	56176.39	56256.5	-6.49	56169.91	56169.91016	56122.88913	56122.83203	504300.1	5408295.5

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4300.1	504300.1	5408293.8	5728.79981	227.02	0	48.827608	-86.941411	56175.87	56256.5	-6.48	56169.39	56169.39063	56122.38036	56122.32422	504300.1	5408293.8
L4300.1	504300.1	5408293.8	5728.89990	227.58	0	48.827608	-86.941411	56175.40	56256.5	-6.48	56168.92	56168.92188	56121.85565	56121.79688	504300.1	5408293.8
L4300.1	504300.1	5408292.0	5729.00000	227.39	0	48.827593	-86.941411	56174.98	56256.5	-6.48	56168.50	56168.50391	56121.31489	56121.25391	504300.1	5408292.0
L4300.1	504300.2	5408290.4	5729.10010	226.23	0	48.827578	-86.941410	56174.52	56256.5	-6.48	56168.04	56168.04297	56120.76398	56120.70313	504300.2	5408290.4
L4300.1	504300.2	5408290.4	5729.20020	224.25	0	48.827578	-86.941410	56173.89	56256.5	-6.48	56167.42	56167.42578	56120.21082	56120.14844	504300.2	5408290.4
L4300.1	504300.2	5408288.7	5729.29981	221.67	0	48.827563	-86.941410	56173.24	56256.5	-6.47	56166.76	56166.76563	56119.64729	56119.58203	504300.2	5408288.7
L4300.1	504300.2	5408286.8	5729.39990	221.76	0	48.827545	-86.941410	56172.62	56256.5	-6.47	56166.15	56166.16016	56119.06732	56119.00391	504300.2	5408286.8
L4300.1	504300.2	5408286.8	5729.50000	222.12	0	48.827545	-86.941410	56171.97	56256.5	-6.47	56165.50	56165.50781	56118.47680	56118.41016	504300.2	5408286.8
L4300.1	504300.2	5408285.1	5729.60010	225.28	0	48.827530	-86.941410	56171.36	56256.5	-6.47	56164.89	56164.90234	56117.87032	56117.80469	504300.2	5408285.1
L4300.1	504300.2	5408283.0	5729.70020	225.48	0	48.827511	-86.941410	56170.69	56256.5	-6.47	56164.22	56164.23438	56117.25445	56117.18750	504300.2	5408283.0
L4300.1	504300.2	5408283.0	5729.79981	225.86	0	48.827511	-86.941410	56169.82	56256.5	-6.46	56163.35	56163.36328	56116.63843	56116.56641	504300.2	5408283.0
L4300.1	504300.2	5408280.2	5729.89990	226.66	0	48.827487	-86.941409	56169.06	56256.5	-6.46	56162.60	56162.61719	56116.00086	56115.92969	504300.2	5408280.2
L4300.1	504300.2	5408280.2	5730.00000	226.20	0	48.827487	-86.941409	56168.45	56256.5	-6.46	56161.99	56162.00781	56115.34031	56115.26563	504300.2	5408280.2
L4300.1	504300.2	5408280.2	5730.10010	223.05	0	48.827487	-86.941409	56167.56	56256.5	-6.46	56161.10	56161.12109	56114.68472	56114.60938	504300.2	5408280.2
L4300.1	504300.3	5408278.3	5730.20020	223.97	0	48.827470	-86.941409	56166.82	56256.5	-6.46	56160.36	56160.38281	56114.00534	56113.92969	504300.3	5408278.3
L4300.1	504300.3	5408276.9	5730.29981	223.84	0	48.827456	-86.941409	56166.00	56256.5	-6.46	56159.54	56159.56641	56113.31742	56113.24219	504300.3	5408276.9
L4300.1	504300.3	5408276.9	5730.39990	223.82	0	48.827456	-86.941409	56165.26	56256.5	-6.46	56158.81	56158.83594	56112.60956	56112.53125	504300.3	5408276.9
L4300.1	504300.3	5408274.8	5730.50000	223.73	0	48.827438	-86.941409	56164.39	56256.5	-6.46	56157.93	56157.96094	56111.89770	56111.81641	504300.3	5408274.8
L4300.1	504300.3	5408273.8	5730.60010	223.32	0	48.827428	-86.941408	56163.59	56256.5	-6.45	56157.13	56157.16406	56111.16643	56111.08594	504300.3	5408273.8
L4300.1	504300.3	5408271.9	5730.70020	224.59	0	48.827412	-86.941408	56162.56	56256.5	-6.45	56156.11	56156.14453	56110.43569	56110.35156	504300.3	5408271.9
L4300.1	504300.3	5408271.9	5730.79981	228.09	0	48.827412	-86.941408	56161.66	56256.5	-6.45	56155.20	56155.23828	56109.68342	56109.59766	504300.3	5408271.9
L4300.1	504300.3	5408270.6	5730.89990	229.69	0	48.827400	-86.941408	56160.74	56256.5	-6.45	56154.29	56154.33203	56108.91688	56108.83203	504300.3	5408270.6
L4300.1	504300.4	5408268.5	5731.00000	229.42	0	48.827381	-86.941408	56159.73	56256.4	-6.45	56153.28	56153.32422	56108.14269	56108.05469	504300.4	5408268.5
L4300.1	504300.4	5408267.5	5731.10010	228.86	0	48.827372	-86.941408	56158.61	56256.4	-6.45	56152.16	56152.20703	56107.36146	56107.27344	504300.4	5408267.5
L4300.1	504300.4	5408267.5	5731.20020	227.31	0	48.827372	-86.941408	56157.63	56256.4	-6.45	56151.18	56151.23047	56106.55647	56106.46875	504300.4	5408267.5
L4300.1	504300.4	5408265.9	5731.29981	224.81	0	48.827357	-86.941408	56156.64	56256.4	-6.44	56150.20	56150.25391	56105.73701	56105.64453	504300.4	5408265.9
L4300.1	504300.4	5408264.5	5731.39990	225.32	0	48.827346	-86.941408	56155.66	56256.4	-6.44	56149.22	56149.27734	56104.90303	56104.80859	504300.4	5408264.5
L4300.1	504300.4	5408264.5	5731.50000	225.89	0	48.827346	-86.941408	56154.57	56256.4	-6.44	56148.13	56148.19141	56104.06183	56103.96875	504300.4	5408264.5
L4300.1	504300.4	5408262.8	5731.60010	225.03	0	48.827330	-86.941408	56153.50	56256.4	-6.44	56147.06	56147.12500	56103.20469	56103.10938	504300.4	5408262.8
L4300.1	504300.4	5408261.4	5731.70020	225.74	0	48.827317	-86.941407	56152.42	56256.4	-6.44	56145.98	56146.05078	56102.33360	56102.23828	504300.4	5408261.4
L4300.1	504300.4	5408259.4	5731.79981	224.57	0	48.827299	-86.941407	56151.36	56256.4	-6.43	56144.92	56144.99609	56101.44652	56101.34766	504300.4	5408259.4
L4300.1	504300.4	5408259.4	5731.89990	221.90	0	48.827299	-86.941407	56150.14	56256.4	-6.43	56143.71	56143.78906	56100.55476	56100.45313	504300.4	5408259.4
L4300.1	504300.4	5408257.6	5732.00000	224.16	0	48.827283	-86.941407	56149.03	56256.4	-6.43	56142.60	56142.68359	56099.64165	56099.53906	504300.4	5408257.6
L4300.1	504300.4	5408257.6	5732.10010	225.70	0	48.827283	-86.941407	56147.61	56256.4	-6.43	56141.18	56141.26953	56098.73451	56098.63281	504300.4	5408257.6
L4300.1	504300.4	5408255.8	5732.20020	224.50	0	48.827267	-86.941407	56146.45	56256.4	-6.43	56140.02	56140.11328	56097.79533	56097.69141	504300.4	5408255.8
L4300.1	504300.5	5408254.1	5732.29981	225.10	0	48.827252	-86.941407	56145.06	56256.4	-6.43	56138.63	56138.72656	56096.85679	56096.75000	504300.5	5408254.1
L4300.1	504300.5	5408252.8	5732.39990	224.77	0	48.827239	-86.941407	56143.84	56256.4	-6.43	56137.41	56137.51172	56095.89225	56095.78516	504300.5	5408252.8
L4300.1	504300.5	5408251.3	5732.50000	224.72	0	48.827227	-86.941406	56142.50	56256.4	-6.43	56136.07	56136.17578	56094.92105	56094.81250	504300.5	5408251.3
L4300.1	504300.5	5408251.3	5732.60010	225.48	0	48.827227	-86.941406	56141.14	56256.4	-6.43	56134.71	56134.82422	56093.93657	56093.82813	504300.5	5408251.3
L4300.1	504300.5	5408250.1	5732.70020	225.74	0	48.827216	-86.941406	56139.82	56256.4	-6.43	56133.39	56133.50781	56092.93484	56092.82422	504300.5	5408250.1
L4300.1	504300.5	5408250.1	5732.79981	225.66	0	48.827216	-86.941406	56138.33	56256.4	-6.43	56131.90	56132.02344	56091.92993	56091.81641	504300.5	5408250.1
L4300.1	504300.5	5408248.7	5732.89990	225.90	0	48.827203	-86.941406	56136.86	56256.4	-6.43	56130.43	56130.55859	56090.90924	56090.79688	504300.5	5408248.7
L4300.1	504300.5	5408246.6	5733.00000	227.42	0	48.827184	-86.941406	56135.29	56256.4	-6.43	56128.86	56128.99219	56089.88086	56089.76563	504300.5	5408246.6
L4300.1	504300.5	5408245.0	5733.10010	226.86	0	48.827170	-86.941406	56133.71	56256.4	-6.43	56127.28	56127.41797	56088.83886	56088.72266	504300.5	5408245.0
L4300.1	504300.5	5408245.0	5733.20020	226.32	0	48.827170	-86.941406	56131.94	56256.4	-6.43	56125.51	56125.65625	56087.79537	56087.67969	504300.5	5408245.0
L4300.1	504300.5	5408243.4	5733.29981	227.23	0	48.827155	-86.941406	56130.29	56256.4	-6.42	56123.86	56124.01172	56086.72985	56086.60938	504300.5	5408243.4
L4300.1	504300.5	5408241.9	5733.39990	226.03	0	48.827142	-86.941406	56128.64	56256.4	-6.42	56122.22	56122.37500	56085.64977	56085.53125	504300.5	5408241.9
L4300.1	504300.5	5408241.9	5733.50000	225.64	0	48.827142	-86.941406	56126.84	56256.4	-6.42	56120.42	56120.58203	56084.56661	56084.44531	504300.5	5408241.9
L4300.1	504300.5	5408240.1	5733.60010	228.05	0	48.827126	-86.941406	56125.00	56256.4	-6.42	56118.59	56118.75781	56083.47191	56083.34766	504300.5	5408240.1
L4300.1	504300.5	5408238.4	5733.70020	225.34	0	48.827110	-86.941406	56123.10	56256.4	-6.42	56116.69	56116.86328	56082.36850	56082.24609	504300.5	5408238.4
L4300.1	504300.5	5408238.4	5733.79981	223.81	0	48.827110	-86.941406	56121.22	56256.4	-6.41	56114.81	56114.98828	56081.25062	56081.12500	504300.5	5408238.4
L4300.1	504300.5	5408236.9	5733.89990	222.76	0	48.827097	-86.941406	56119.18	56256.4	-6.41	56112.77	56112.95313	56080.13050	56080.00391	504300.5	5408236.9
L4300.1	504300.5	5408235.3	5734.00000	221.63	0	48.827082	-86.941406	56117.00	56256.4	-6.41	56110.59	56110.78125	56079.00706	56078.87891	504300.5	5408235.3
L4300.1	504300.5	5408233.5	5734.10010	221.87	0	48.827066	-86.941406	56114.85	56256.4	-6.41	56108.44	56108.63672	56077.86926	56077.74219	504300.5	5408233.5
L4300.1	504300.5	5408233.5	5734.20020	223.02	0	48.827066	-86.941406	56112.73	56256.4	-6.40	56106.33	56106.53125	56076.71672	56076.58594	504300.5	5408233.5
L4300.1	504300.5	5408231.5	5734.29981	223.05	0	48.827048	-86.941406	56110.32	56256.4	-6.40	56103.92	56104.12891	56075.57243	56075.44141	504300.5	5408231.5
L4300.1	504300.5	5408230.1	5734.39990	224.35	0	48.827035	-86.941406	56108.02	56256.4	-6.40	56101.63	56101.84375	56074.40876	56074.27734	504300.5	5408230.1
L4300.1	504300.5	5408230.1	5734.50000	221.83	0	48.827035	-86.941406	56105.63	56256.4	-6.40	56099.23	56099.44922	56073.24142	56073.10938	504300.5	5408230.1
L4300.1	504300.5	5408228.5	5734.60010	222.92	0	48.827021	-86.941406	56103.14	56256.4	-6.39	56096.75	56096.97656	56072.06879	56071.93359	504300.5	5408228.5
L4300.1	504300.5	5408226.8	5734.70020	224.07	0	48.827006	-86.941406	56100.50	56256.4	-6.39	56094.11	56094.34375	56070.89665	56070.76172	504300.5	5408226.8
L4300.1	504300.5	5408226.8	5734.79981	222.79	0	48.827006	-86.941406	56097.96	56256.4	-6.39	56091.57	56091.80859	56069.70812	56069.57422	504300.5	5408226.8
L4300.1	504300.5	5408224.6	5734.89990	222.77	0	48.826986	-86.941406	56095.23	56256.4	-6.38	56088.84	56089.08594	56068.52301	56068.38672	504300.5	5408224.6
L4300.1	504300.5	5408224.6	5735.00000	223.56	0	48.826986	-86.941406	56092.48	56256.4	-6.38	56086.10	56086.35156	56067.32983	56067.19141	504300.5	5408224.6
L4300.1	504300.5	5408222.8	5735.10010	222.75	0	48.826970	-86.941406	56089.54	56256.4	-6.38	56083.16	56083.41797	56066.14179	56066.00391	504300.5	5408222.8
L4300.1	504300.5	5408221.1	5735.20020	222.05	0	48.826955	-86.941406	56086.75	56256.4	-6.37	56080.38	56080.64453	56064.93546	56064.79688	504300.5	5408221.1
L4300.1	504300.5	5408221.1	5735.29981	223.21	0	48.826955	-86.941406	56083.64	56256.4	-6.37	56077.27	56077.53906	56063.74409	56063.60547	504300.5	5408221.1
L4300.1	504300.5	5408219.3	5735.39990	223.00	0	48.826938	-86.941406	56080.45	56256.4	-6.37	56074.09	56074.36328	56062.55097	56062.41016	504300.5	5408219.3
L4300.1	504300.5	5408218.2	5735.50000	223.16	0	48.826929	-86.941406	56077.42	56256.4	-6.36	56071.05	56071.33203	56061.34276	56061.20313	504300.5	5408218.2
L4300.1	504300.5	5408218.2	5735.60010	222.98	0	48.826929	-86.941406	56074.20	56256.4	-6.36	56067.84	56068.12500	56060.14080	56060.00000	504300.5	5408218.2
L4300.1	504300.5	5408216.2	5735.70020	222.93	0	48.826910	-86.941406	56070.86	56256.4	-6.36	56064.50	56064.79297	56058.94314	56058.80078	504300.5	5408216.2
L4300.1	504300.5	5408214.5	5735.79981	223.38	0	48.826895	-86.941406	56067.36	56256.4	-6.36	56061.00	56061.29688	56057.75251	56057.60938	504300.5	5408214.5
L4300.1	504300.5	5408214.5	5735.89990	222.25	0	48.826895	-86.941406	56063.94	56256.4	-6.35	56057.59	56057.89453	56056.55301	56056.41016	504300.5	5408214.5
L4300.1	504300.6	5408212.8	5736.00000	224.87	0	48.826880	-86.941406	56060.41	56256.3	-6.35	56054.06	56054.36719	56055.35942	56055.21484	504300.6	5408212.8
L4300.1	504300.6	5408211.0	5736.10010	223.23	0	48.826864	-86.941406	56056.78	56256.3	-6.35	56050.44	56050.75391	56054.17057	56054.02734	504300.6	5408211.0
L4300.1	504300.6	5408211.0	5736.20020	223.32	0	48.826864	-86.941406	56053.18	56256.3	-6.34	56046.84	56047.16016	56052.97997	56052.83594	504300.6	5408211.0
L4300.1	504300.6	5408209.3	5736.29981	225.57	0	48.826848	-86.941406	56049.37	56256.3	-6.34	56043.03	56043.35547	56051.80381	56051.65625	504300.6	5408209.3
L4300.1	504300.5	5408207.2	5736.39990	225.89	0	48.826830	-86.941406	56045.63	56256.3	-6.33	56039.29	56039.62109	56050.62433	56050.47656	504300.5	5408207.2
L4300.1	504300.5	5408207.2	5736.50000	226.50	0	48.826830	-86.941406	56041.77	56256.3	-6.33	56035.44	56035.77344	56049.45442	56049.30859	504300.5	5408207.2
L4300.1	504300.5	5408206.0	5736.60010	227.82	0	48.826819	-86.941406	56037.78	56256.3	-6.33	56031.46	56031.80078	56048.29637	56048.14844	504300.5	5408206.0
L4300.1	504300.5	5408204.4	5736.70020	228.11	0	48.826804	-86.941406	56033.73	56256.3	-6.32	56027.41	56027.75391	56047.14713	56047.00000	504300.5	5408204.4
L4300.1	504300.5	5408204.4	5736.79981	227.80	0	48.826804	-86.941406	56029.74	56256.3	-6.32	56023.42	56023.76953	56045.99900	56045.85156	504300.5	5408204.4
L4300.1	504300.5	5408202.4	5736.89990	225.90	0	48.826786	-86.941406	56025.62	56256.3	-6.31	56019.30	56019.65234	56044.86565	56044.71875	504300.5	5408202.4
L4300.1	504300.5	5408200.7	5737.00000	225.96	0	48.826771	-86.941406	56021.44	56256.3	-6.31	56015.13	56015.48828	56043.74274	56043.59375	504300.5	5408200.7
L4300.1	504300.5	5408200.7	5737.10010	226.43	0	48.826771	-86.941406	56017.22	56256.3	-6.31	56010.91	56011.26953	56042.63130	56042.48438	504300.5	5408200.7
L4300.1	504300.5	5408199.4	5737.20020	227.44	0	48.826759	-86.941407	56013.09	56256.3	-6.31	56006.79	56007.15625	56041.52236	56041.37500	504300.5	5408199.4
L4300.1	504300.5	5408197.4	5737.29981	228.57	0	48.826742	-86.941407	56008.84	56256.3	-6.30	56002.54	56002.90625	56040.43228	56040.28516	504300.5	5408197.4
L4300.1	504300.5	5408197.4	5737.39990	228.85	0	48.826742	-86.941407	56004.65	56256.3	-6.30	55998.35	55998.72266	56039.34946	56039.19922	504300.5	5408197.4
L4300.1	504300.5	5408195.7	5737.50000	230.17	0	48.826726	-86.941407	56000.32	56256.3	-6.30	55994.02	55994.39453	56038.28827	56038.14063	504300.5	5408195.7
L4300.1	504300.5	5408194.4	5737.60010	230.88	0	48.826714	-86.941407	55996.02	56256.3	-6.30	55989.72	55990.09766	56037.23844	56037.08984	504300.5	5408194.4
L4300.1	504300.5	5408192.8	5737.70020	227.91	0	48.826700	-86.941407	55991.62	56256.3	-6.30	55985.32	55985.70313	56036.20968	56036.06250	504300.5	5408192.8
L4300.1	504300.5	5408191.5	5737.79981	227.11	0	48.826689	-86.941407	55987.42	56256.3	-6.29	55981.12	55981.50391	56035.18305	56035.03516	504300.5	5408191.5
L4300.1	504300.5	5408191.5	5737.89990	226.22	0	48.826689	-86.941407	55983.17	56256.3	-6.29	55976.88	55977.26563	56034.17560	56034.02734	504300.5	5408191.5
L4300.1	504300.5	5408189.8	5738.00000	224.30	0	48.826673	-86.941407	55979.00	56256.3	-6.29	55972.71	55973.09766	56033.18103	56033.03516	504300.5	5408189.8

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4300.1	504300.5	5408188.6	5738.10010	225.56	0	48.826663	-86.941407	55974.82	56256.3	-6.29	55968.53	55968.92188	56032.20570	56032.05859	504300.5	5408188.6
L4300.1	504300.5	5408188.6	5738.20020	224.57	0	48.826663	-86.941407	55970.65	56256.3	-6.29	55964.36	55964.75391	56031.24929	56031.10156	504300.5	5408188.6
L4300.1	504300.5	5408186.4	5738.29981	224.96	0	48.826642	-86.941407	55966.70	56256.3	-6.28	55960.42	55960.81641	56030.29813	56030.15234	504300.5	5408186.4
L4300.1	504300.5	5408184.8	5738.39990	226.30	0	48.826628	-86.941407	55962.63	56256.3	-6.28	55956.35	55956.74609	56029.37721	56029.23047	504300.5	5408184.8
L4300.1	504300.5	5408184.8	5738.50000	226.67	0	48.826628	-86.941407	55958.81	56256.3	-6.28	55952.53	55952.92578	56028.46214	56028.31641	504300.5	5408184.8
L4300.1	504300.5	5408183.1	5738.60010	226.36	0	48.826613	-86.941407	55954.94	56256.3	-6.28	55948.66	55949.05859	56027.57385	56027.42969	504300.5	5408183.1
L4300.1	504300.5	5408182.2	5738.70020	226.77	0	48.826604	-86.941407	55951.20	56256.3	-6.28	55944.92	55945.32031	56026.70126	56026.55859	504300.5	5408182.2
L4300.1	504300.5	5408182.2	5738.79981	226.65	0	48.826604	-86.941407	55947.56	56256.3	-6.27	55941.28	55941.67969	56025.84723	56025.70313	504300.5	5408182.2
L4300.1	504300.4	5408179.2	5738.89990	225.91	0	48.826578	-86.941408	55944.04	56256.3	-6.27	55937.77	55938.17188	56025.01062	56024.86719	504300.4	5408179.2
L4300.1	504300.4	5408179.2	5739.00000	226.65	0	48.826578	-86.941408	55940.80	56256.3	-6.27	55934.53	55934.92969	56024.18289	56024.04297	504300.4	5408179.2
L4300.1	504300.4	5408177.4	5739.10010	226.62	0	48.826562	-86.941408	55937.74	56256.3	-6.27	55931.47	55931.87109	56023.37081	56023.23047	504300.4	5408177.4
L4300.1	504300.4	5408177.4	5739.20020	224.91	0	48.826562	-86.941408	55934.73	56256.3	-6.27	55928.46	55928.86328	56022.58378	56022.44531	504300.4	5408177.4
L4300.1	504300.4	5408176.1	5739.29981	226.44	0	48.826550	-86.941408	55931.74	56256.3	-6.27	55925.47	55925.87109	56021.82450	56021.68750	504300.4	5408176.1
L4300.1	504300.4	5408174.2	5739.39990	225.77	0	48.826533	-86.941408	55928.91	56256.3	-6.27	55922.65	55923.05078	56021.08359	56020.94531	504300.4	5408174.2
L4300.1	504300.4	5408172.6	5739.50000	226.26	0	48.826518	-86.941408	55926.26	56256.3	-6.26	55919.99	55920.39063	56020.36234	56020.22656	504300.4	5408172.6
L4300.1	504300.4	5408172.6	5739.60010	225.55	0	48.826518	-86.941408	55923.95	56256.3	-6.26	55917.69	55918.08984	56019.64795	56019.51563	504300.4	5408172.6
L4300.1	504300.4	5408171.0	5739.70020	227.09	0	48.826504	-86.941408	55921.81	56256.3	-6.26	55915.54	55915.93750	56018.95493	56018.82422	504300.4	5408171.0
L4300.1	504300.4	5408169.4	5739.79981	222.94	0	48.826489	-86.941408	55919.93	56256.3	-6.26	55913.67	55914.06641	56018.27507	56018.14453	504300.4	5408169.4
L4300.1	504300.4	5408169.4	5739.89990	222.47	0	48.826489	-86.941408	55917.93	56256.3	-6.26	55911.67	55912.06641	56017.63609	56017.50781	504300.4	5408169.4
L4300.1	504300.4	5408167.3	5740.00000	222.63	0	48.826471	-86.941408	55916.32	56256.3	-6.26	55910.06	55910.45313	56017.00367	56016.87500	504300.4	5408167.3
L4300.1	504300.4	5408167.3	5740.10010	222.36	0	48.826471	-86.941408	55914.72	56256.3	-6.26	55908.46	55908.85156	56016.40345	56016.27734	504300.4	5408167.3
L4300.1	504300.5	5408165.6	5740.20020	222.75	0	48.826455	-86.941408	55913.61	56256.3	-6.25	55907.36	55907.75000	56015.80299	56015.67969	504300.5	5408165.6
L4300.1	504300.5	5408165.6	5740.29981	223.03	0	48.826455	-86.941408	55912.62	56256.2	-6.25	55906.38	55906.76563	56015.22781	56015.10547	504300.5	5408165.6
L4300.1	504300.5	5408164.3	5740.39990	224.68	0	48.826443	-86.941408	55912.02	56256.2	-6.24	55905.78	55906.16406	56014.66071	56014.54297	504300.5	5408164.3
L4300.1	504300.5	5408162.8	5740.50000	226.79	0	48.826430	-86.941408	55911.34	56256.2	-6.24	55905.10	55905.48047	56014.13242	56014.01563	504300.5	5408162.8
L4300.1	504300.5	5408161.1	5740.60010	229.00	0	48.826415	-86.941408	55910.80	56256.2	-6.23	55904.57	55904.94922	56013.62764	56013.51172	504300.5	5408161.1
L4300.1	504300.5	5408161.1	5740.70020	227.18	0	48.826415	-86.941408	55910.73	56256.2	-6.22	55904.50	55904.87500	56013.12567	56013.01563	504300.5	5408161.1
L4300.1	504300.5	5408159.6	5740.79981	227.45	0	48.826401	-86.941408	55910.65	56256.2	-6.22	55904.43	55904.80078	56012.65707	56012.54688	504300.5	5408159.6
L4300.1	504300.5	5408158.1	5740.89990	227.01	0	48.826388	-86.941408	55910.95	56256.2	-6.21	55904.74	55905.10547	56012.19639	56012.08984	504300.5	5408158.1
L4300.1	504300.5	5408157.1	5741.00000	225.22	0	48.826378	-86.941408	55911.28	56256.2	-6.21	55905.07	55905.43359	56011.76743	56011.66406	504300.5	5408157.1
L4300.1	504300.5	5408155.6	5741.10010	225.28	0	48.826365	-86.941408	55911.79	56256.2	-6.21	55905.57	55905.92969	56011.35994	56011.26172	504300.5	5408155.6
L4300.1	504300.5	5408155.6	5741.20020	224.26	0	48.826365	-86.941408	55912.50	56256.2	-6.21	55906.28	55906.63672	56010.97097	56010.87500	504300.5	5408155.6
L4300.1	504300.5	5408155.6	5741.29981	224.19	0	48.826365	-86.941408	55913.54	56256.2	-6.21	55907.32	55907.67188	56010.59218	56010.50000	504300.5	5408155.6
L4300.1	504300.5	5408154.1	5741.39990	223.77	0	48.826352	-86.941408	55914.52	56256.2	-6.21	55908.31	55908.65625	56010.24852	56010.16016	504300.5	5408154.1
L4300.1	504300.5	5408152.9	5741.50000	223.81	0	48.826341	-86.941408	55915.58	56256.2	-6.21	55909.36	55909.70313	56009.93222	56009.84766	504300.5	5408152.9
L4300.1	504300.5	5408152.9	5741.60010	224.20	0	48.826341	-86.941408	55916.85	56256.2	-6.22	55910.63	55910.96875	56009.63215	56009.55078	504300.5	5408152.9
L4300.1	504300.4	5408151.2	5741.70020	226.11	0	48.826326	-86.941408	55918.29	56256.2	-6.22	55912.07	55912.40234	56009.35114	56009.27344	504300.4	5408151.2
L4300.1	504300.4	5408149.9	5741.79981	227.94	0	48.826314	-86.941408	55919.88	56256.2	-6.22	55913.67	55913.99609	56009.08930	56009.01563	504300.4	5408149.9
L4300.1	504300.4	5408148.5	5741.89990	229.45	0	48.826302	-86.941408	55921.58	56256.2	-6.22	55915.36	55915.68359	56008.85071	56008.78125	504300.4	5408148.5
L4300.1	504300.4	5408148.5	5742.00000	231.12	0	48.826302	-86.941408	55923.60	56256.2	-6.22	55917.38	55917.69531	56008.61876	56008.55078	504300.4	5408148.5
L4300.1	504300.4	5408146.9	5742.10010	229.86	0	48.826287	-86.941408	55925.29	56256.2	-6.22	55919.07	55919.38281	56008.43680	56008.37500	504300.4	5408146.9
L4300.1	504300.4	5408145.7	5742.20020	228.48	0	48.826277	-86.941409	55927.17	56256.2	-6.22	55920.95	55921.25781	56008.26948	56008.21094	504300.4	5408145.7
L4300.1	504300.4	5408145.7	5742.29981	227.34	0	48.826277	-86.941409	55929.09	56256.2	-6.21	55922.87	55923.17188	56008.12611	56008.07422	504300.4	5408145.7
L4300.1	504300.4	5408144.2	5742.39990	227.44	0	48.826263	-86.941409	55931.21	56256.2	-6.21	55925.00	55925.29688	56007.99461	56007.94922	504300.4	5408144.2
L4300.1	504300.4	5408144.2	5742.50000	226.44	0	48.826263	-86.941409	55933.26	56256.2	-6.21	55927.05	55927.33984	56007.89358	56007.85156	504300.4	5408144.2
L4300.1	504300.4	5408143.0	5742.60010	225.73	0	48.826252	-86.941409	55935.31	56256.2	-6.21	55929.11	55929.39453	56007.81624	56007.78125	504300.4	5408143.0
L4300.1	504300.4	5408141.8	5742.70020	225.55	0	48.826241	-86.941409	55937.69	56256.2	-6.21	55931.48	55931.75781	56007.74182	56007.71094	504300.4	5408141.8
L4300.1	504300.4	5408141.8	5742.79981	224.23	0	48.826241	-86.941409	55939.82	56256.2	-6.20	55933.61	55933.88281	56007.70618	56007.67969	504300.4	5408141.8
L4300.1	504300.3	5408140.6	5742.89990	223.75	0	48.826230	-86.941409	55942.17	56256.2	-6.20	55935.97	55936.23828	56007.67717	56007.65625	504300.3	5408140.6
L4300.1	504300.3	5408139.0	5743.00000	223.73	0	48.826217	-86.941410	55944.44	56256.2	-6.20	55938.24	55938.50000	56007.67531	56007.66406	504300.3	5408139.0
L4300.1	504300.3	5408139.0	5743.10010	224.59	0	48.826217	-86.941410	55946.85	56256.2	-6.20	55940.65	55940.90625	56007.68444	56007.67578	504300.3	5408139.0
L4300.1	504300.3	5408138.0	5743.20020	224.29	0	48.826207	-86.941410	55949.02	56256.2	-6.20	55942.82	55943.07031	56007.72905	56007.73047	504300.3	5408138.0
L4300.1	504300.3	5408136.8	5743.29981	223.77	0	48.826196	-86.941411	55951.60	56256.2	-6.19	55945.41	55945.65234	56007.76431	56007.76953	504300.3	5408136.8
L4300.1	504300.3	5408135.8	5743.39990	221.63	0	48.826187	-86.941411	55953.93	56256.2	-6.19	55947.73	55947.96875	56007.83537	56007.84766	504300.3	5408135.8
L4300.1	504300.3	5408135.8	5743.50000	221.62	0	48.826187	-86.941411	55956.20	56256.2	-6.19	55950.01	55950.24219	56007.92607	56007.94531	504300.3	5408135.8
L4300.1	504300.2	5408134.7	5743.60010	222.62	0	48.826177	-86.941411	55958.46	56256.2	-6.19	55952.27	55952.49609	56008.03424	56008.06250	504300.2	5408134.7
L4300.1	504300.2	5408133.7	5743.70020	223.61	0	48.826168	-86.941411	55960.93	56256.2	-6.19	55954.75	55954.96875	56008.14303	56008.17969	504300.2	5408133.7
L4300.1	504300.2	5408132.8	5743.79981	222.90	0	48.826161	-86.941411	55963.41	56256.2	-6.18	55957.23	55957.44531	56008.26629	56008.30859	504300.2	5408132.8
L4300.1	504300.3	5408131.7	5743.89990	223.05	0	48.826151	-86.941411	55965.41	56256.2	-6.18	55959.23	55959.43750	56008.43520	56008.48438	504300.3	5408131.7
L4300.1	504300.3	5408131.7	5744.00000	222.15	0	48.826151	-86.941411	55967.62	56256.2	-6.18	55961.44	55961.64063	56008.60293	56008.66016	504300.3	5408131.7
L4300.1	504300.3	5408130.8	5744.10010	222.15	0	48.826142	-86.941411	55969.71	56256.2	-6.18	55963.54	55963.73438	56008.79002	56008.85547	504300.3	5408130.8
L4300.1	504300.3	5408129.8	5744.20020	224.59	0	48.826133	-86.941411	55972.17	56256.2	-6.18	55965.99	55966.17969	56008.96501	56009.03906	504300.3	5408129.8
L4300.1	504300.3	5408129.8	5744.29981	225.30	0	48.826133	-86.941411	55974.52	56256.2	-6.18	55968.34	55968.52344	56009.15711	56009.24219	504300.3	5408129.8
L4300.1	504300.3	5408128.5	5744.39990	223.91	0	48.826121	-86.941411	55976.44	56256.2	-6.18	55970.26	55970.43750	56009.38756	56009.48047	504300.3	5408128.5
L4300.1	504300.3	5408128.5	5744.50000	222.60	0	48.826121	-86.941411	55978.54	56256.2	-6.18	55972.36	55972.53125	56009.61491	56009.71484	504300.3	5408128.5
L4300.1	504300.3	5408127.3	5744.60010	221.89	0	48.826111	-86.941410	55980.79	56256.2	-6.17	55974.62	55974.78906	56009.83977	56009.94922	504300.3	5408127.3
L4300.1	504300.3	5408126.0	5744.70020	223.81	0	48.826099	-86.941410	55982.76	56256.2	-6.17	55976.59	55976.75391	56010.09141	56010.21094	504300.3	5408126.0
L4300.1	504300.3	5408125.2	5744.79981	225.06	0	48.826092	-86.941410	55984.58	56256.2	-6.17	55978.41	55978.56641	56010.35976	56010.48828	504300.3	5408125.2
L4300.1	504300.3	5408125.2	5744.89990	225.46	0	48.826092	-86.941410	55986.86	56256.2	-6.17	55980.69	55980.83984	56010.60348	56010.74219	504300.3	5408125.2
L4300.1	504300.3	5408124.4	5745.00000	223.23	0	48.826085	-86.941410	55989.01	56256.2	-6.17	55982.84	55982.98438	56010.86120	56011.01172	504300.3	5408124.4
L4300.1	504300.3	5408124.4	5745.10010	224.04	0	48.826085	-86.941410	55990.66	56256.2	-6.17	55984.49	55984.63281	56011.15693	56011.31641	504300.3	5408124.4
L4300.1	504300.3	5408123.2	5745.20020	223.80	0	48.826074	-86.941410	55992.56	56256.2	-6.17	55986.38	55986.51563	56011.44067	56011.60938	504300.3	5408123.2
L4300.1	504300.3	5408122.3	5745.29981	223.86	0	48.826066	-86.941410	55994.56	56256.2	-6.17	55988.38	55988.51172	56011.72047	56011.90234	504300.3	5408122.3
L4300.1	504300.3	5408122.3	5745.39990	223.82	0	48.826066	-86.941410	55996.22	56256.2	-6.17	55990.04	55990.16797	56012.02570	56012.21875	504300.3	5408122.3
L4300.1	504300.3	5408121.3	5745.50000	224.45	0	48.826057	-86.941410	55997.99	56256.2	-6.18	55991.82	55991.94141	56012.32510	56012.52734	504300.3	5408121.3
L4300.1	504300.3	5408120.4	5745.60010	223.98	0	48.826049	-86.941410	55999.43	56256.2	-6.18	55993.26	55993.37891	56012.64874	56012.86328	504300.3	5408120.4
L4300.1	504300.3	5408120.4	5745.70020	225.29	0	48.826049	-86.941410	56001.58	56256.2	-6.18	55995.41	55995.52344	56012.92607	56013.15234	504300.3	5408120.4
L4300.1	504300.3	5408119.3	5745.79981	227.00	0	48.826039	-86.941410	56003.08	56256.2	-6.18	55996.90	55997.00781	56013.24785	56013.48438	504300.3	5408119.3
L4300.1	504300.3	5408118.6	5745.89990	225.50	0	48.826033	-86.941410	56005.02	56256.2	-6.18	55998.84	55998.94531	56013.53957	56013.78906	504300.3	5408118.6
L4300.1	504300.3	5408117.9	5746.00000	222.96	0	48.826026	-86.941410	56006.29	56256.2	-6.18	56000.11	56000.21094	56013.87536	56014.13672	504300.3	5408117.9
L4300.1	504300.3	5408117.9	5746.10010	225.39	0	48.826026	-86.941410	56008.39	56256.2	-6.18	56002.21	56002.30859	56014.15472	56014.42578	504300.3	5408117.9
L4300.1	504300.3	5408117.0	5746.20020	224.03	0	48.826018	-86.941410	56009.81	56256.2	-6.18	56003.63	56003.72266	56014.47785	56014.76172	504300.3	5408117.0
L4300.1	504300.3	5408116.3	5746.29981	223.81	0	48.826012	-86.941410	56011.22	56256.2	-6.18	56005.04	56005.12891	56014.79960	56015.09766	504300.3	5408116.3
L4300.1	504300.3	5408116.3	5746.39990	222.99	0	48.826012	-86.941410	56012.89	56256.2	-6.18	56006.72	56006.80859	56015.10085	56015.41016	504300.3	5408116.3
L4300.1	504300.3	5408115.5	5746.50000	223.59	0	48.826004	-86.941411	56014.36	56256.2	-6.18	56008.18	56008.26563	56015.41384	56015.73828	504300.3	5408115.5
L4300.1	504300.3	5408115.5	5746.60010	223.09	0	48.826004	-86.941411	56016.03	56256.2	-6.17	56009.85	56009.92969	56015.70947	56016.04688	504300.3	5408115.5
L4300.1	504300.3	5408114.6	5746.70020	224.34	0	48.825996	-86.941410	56017.17	56256.2	-6.17	56010.99	56011.06641	56016.03668	56016.38672	504300.3	5408114.6
L4300.1	504300.3	5408113.8	5746.79981	224.51	0	48.825989	-86.941410	56018.74	56256.2	-6.17	56012.57	56012.64453	56016.33041	56016.69141	504300.3	5408113.8
L4300.1	504300.3	5408113.0	5746.89990	223.73	0	48.825982	-86.941410	56019.70	56256.2	-6.17	56013.52	56013.59375	56016.66162	56017.03906	504300.3	5408113.0
L4300.1	504300.3	5408113.0	5747.00000	225.71	0	48.825982	-86.941410	56021.18	56256.2	-6.17	56015.01	56015.07813	56016.95194	56017.33984	504300.3	5408113.0
L4300.1	504300.3	5408112.3	5747.10010	226.57	0	48.825975	-86.941410	56022.31	56256.2	-6.17	56016.14	56016.20703	56017.26104	56017.66406	504300.3	5408112.3
L4300.1	504300.3	5408112.3	5747.20020	226.49	0	48.825975	-86.941410	56024.02	56256.2	-6.16	56017.86	56017.92578	56017.52526	56017.94141	504300.3	5408112.3
L4300.1	504300.3	5408111.6	5747.29981	224.83	0	48.825970	-86.941410	56025.16	56256.2	-6.16	56019.00	56019.06250	56017.82227	56018.25391	504300.3	5408111.6

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4300.1	504300.3	5408110.9	5747.39990	223.91	0	48.825963	-86.941410	56026.15	56256.2	-6.16	56019.99	56020.05078	56018.12312	56018.57031	504300.3	5408110.9
L4300.1	504300.3	5408110.3	5747.60010	224.01	0	48.825958	-86.941410	56028.07	56256.2	-6.15	56021.91	56021.96875	56018.35551	56018.81641	504300.3	5408110.3
L4300.1	504300.3	5408109.7	5747.70020	229.74	0	48.825952	-86.941410	56029.34	56256.1	-6.15	56023.19	56023.24609	56018.62385	56019.09766	504300.3	5408109.7
L4300.1	504300.3	5408109.0	5747.79981	227.46	0	48.825947	-86.941410	56030.29	56256.1	-6.15	56024.15	56024.20703	56018.90654	56019.39453	504300.3	5408109.0
L4300.1	504300.3	5408108.6	5747.89990	222.48	0	48.825943	-86.941410	56031.56	56256.1	-6.14	56025.42	56025.47656	56019.16135	56019.66406	504300.3	5408108.6
L4300.1	504300.3	5408108.6	5748.00000	220.44	0	48.825943	-86.941410	56032.17	56256.1	-6.14	56026.03	56026.08203	56019.45271	56019.97266	504300.3	5408108.6
L4300.1	504300.3	5408108.1	5748.10010	224.37	0	48.825938	-86.941410	56033.43	56256.1	-6.14	56027.29	56027.34375	56019.69308	56020.22656	504300.3	5408108.1
L4300.1	504300.3	5408107.4	5748.20020	226.79	0	48.825932	-86.941410	56034.12	56256.1	-6.14	56027.98	56028.03125	56019.96360	56020.51172	504300.3	5408107.4
L4300.1	504300.3	5408107.4	5748.29981	226.80	0	48.825932	-86.941410	56035.28	56256.1	-6.13	56029.14	56029.19141	56020.19474	56020.76172	504300.3	5408107.4
L4300.1	504300.3	5408106.8	5748.39990	227.82	0	48.825927	-86.941410	56036.11	56256.1	-6.13	56029.98	56030.02734	56020.43901	56021.01953	504300.3	5408106.8
L4300.1	504300.3	5408106.4	5748.50000	226.96	0	48.825923	-86.941410	56037.00	56256.1	-6.13	56030.87	56030.91797	56020.67159	56021.26953	504300.3	5408106.4
L4300.1	504300.3	5408106.4	5748.60010	225.66	0	48.825923	-86.941410	56037.81	56256.1	-6.13	56031.68	56031.72656	56020.90100	56021.51172	504300.3	5408106.4
L4300.1	504300.3	5408105.9	5748.70020	225.62	0	48.825919	-86.941410	56038.29	56256.1	-6.13	56032.16	56032.20703	56021.14378	56021.76953	504300.3	5408105.9
L4300.1	504300.3	5408105.3	5748.79981	223.91	0	48.825913	-86.941410	56039.04	56256.1	-6.12	56032.92	56032.96484	56021.35915	56022.00391	504300.3	5408105.3
L4300.1	504300.3	5408105.3	5748.89990	224.23	0	48.825913	-86.941410	56039.75	56256.1	-6.12	56033.63	56033.67578	56021.56903	56022.22656	504300.3	5408105.3
L4300.1	504300.3	5408104.9	5749.00000	225.89	0	48.825909	-86.941410	56040.59	56256.1	-6.12	56034.47	56034.51563	56021.76131	56022.43750	504300.3	5408104.9
L4300.1	504300.4	5408104.4	5749.10010	227.21	0	48.825905	-86.941410	56041.07	56256.1	-6.12	56034.95	56034.99609	56021.96861	56022.66016	504300.4	5408104.4
L4300.1	504300.3	5408104.0	5749.20020	222.13	0	48.825901	-86.941410	56041.68	56256.1	-6.12	56035.56	56035.60547	56022.15820	56022.86328	504300.3	5408104.0
L4300.1	504300.3	5408104.0	5749.29981	220.54	0	48.825901	-86.941410	56042.43	56256.1	-6.11	56036.32	56036.36328	56022.32871	56023.05078	504300.3	5408104.0
L4300.1	504300.3	5408103.7	5749.39990	226.68	0	48.825898	-86.941410	56042.94	56256.1	-6.11	56036.83	56036.87500	56022.50677	56023.24609	504300.3	5408103.7
L4300.1	504300.3	5408103.7	5749.50000	227.45	0	48.825898	-86.941410	56043.60	56256.1	-6.11	56037.49	56037.53125	56022.66571	56023.42188	504300.3	5408103.7
L4300.1	504300.3	5408103.2	5749.60010	228.87	0	48.825894	-86.941410	56044.08	56256.1	-6.11	56037.97	56038.01172	56022.82752	56023.59766	504300.3	5408103.2
L4300.1	504300.3	5408102.9	5749.70020	227.04	0	48.825891	-86.941410	56044.69	56256.1	-6.11	56038.58	56038.62109	56022.97155	56023.75781	504300.3	5408102.9
L4300.1	504300.3	5408102.9	5749.79981	228.59	0	48.825891	-86.941410	56045.04	56256.1	-6.10	56038.93	56038.97266	56023.12383	56023.92578	504300.3	5408102.9
L4300.1	504300.3	5408102.5	5749.89990	231.83	0	48.825888	-86.941410	56045.70	56256.1	-6.10	56039.60	56039.64063	56023.24572	56024.06641	504300.3	5408102.5
L4300.1	504300.3	5408102.2	5750.00000	227.51	0	48.825885	-86.941410	56046.03	56256.1	-6.10	56039.93	56039.97266	56023.38129	56024.21875	504300.3	5408102.2
L4320.0	0.0	0.0	66573.79688	319.16	0	48.856209	-86.941091	56248.71	56234.8	15.21	56263.93	56263.42188	56245.70608	56256.99219	504321.1	5411473.1
L4320.0	0.0	0.0	66573.89844	320.23	0	48.856209	-86.941091	56248.64	56234.8	15.21	56263.85	56263.35156	56245.79012	56256.85938	504321.1	5411473.1
L4320.0	0.0	0.0	66574.00000	322.55	0	48.856205	-86.941092	56248.51	56234.8	15.21	56263.72	56263.23047	56244.91669	56255.76563	504321.1	5411472.6
L4320.0	0.0	0.0	66574.10156	323.48	0	48.856205	-86.941092	56248.41	56234.8	15.21	56263.62	56263.14063	56244.59729	56255.22266	504321.1	5411472.6
L4320.0	0.0	0.0	66574.20313	327.23	0	48.856202	-86.941092	56248.54	56234.8	15.21	56263.75	56263.28125	56249.08363	56259.49219	504321.1	5411472.3
L4320.0	0.0	0.0	66574.29688	328.92	0	48.856199	-86.941092	56248.42	56234.8	15.21	56263.63	56263.17188	56248.46614	56258.65625	504321.1	5411472.0
L4320.0	0.0	0.0	66574.39844	330.15	0	48.856199	-86.941092	56248.43	56234.8	15.21	56263.64	56263.19141	56250.68691	56260.66016	504321.1	5411472.0
L4320.0	0.0	0.0	66574.50000	329.93	0	48.856196	-86.941091	56248.51	56234.8	15.21	56263.72	56263.28516	56254.59606	56264.35156	504321.1	5411471.6
L4320.0	0.0	0.0	66574.60156	328.62	0	48.856193	-86.941091	56248.69	56234.8	15.21	56263.90	56263.47266	56260.96515	56270.50391	504321.2	5411471.3
L4320.0	0.0	0.0	66574.70313	328.18	0	48.856193	-86.941091	56249.18	56234.8	15.21	56264.39	56263.97266	56274.81575	56284.13672	504321.2	5411471.3
L4320.0	0.0	0.0	66574.79688	330.50	0	48.856190	-86.941090	56249.27	56234.8	15.21	56264.48	56264.07422	56279.43931	56288.54688	504321.2	5411471.0
L4320.0	0.0	0.0	66574.89844	329.16	0	48.856187	-86.941089	56249.25	56234.8	15.21	56264.46	56264.06641	56281.40486	56290.30078	504321.3	5411470.6
L4320.0	0.0	0.0	66575.00000	327.30	0	48.856182	-86.941087	56249.25	56234.8	15.21	56264.46	56264.07422	56283.77421	56292.45703	504321.4	5411470.1
L4320.0	0.0	0.0	66575.10156	325.93	0	48.856182	-86.941087	56249.48	56234.8	15.21	56264.69	56264.31641	56291.65185	56300.12109	504321.4	5411470.1
L4320.0	0.0	0.0	66575.20313	327.79	0	48.856179	-86.941086	56249.43	56234.8	15.21	56264.64	56264.27344	56292.63975	56300.89844	504321.5	5411469.8
L4320.0	0.0	0.0	66575.29688	328.66	0	48.856179	-86.941086	56248.82	56234.8	15.21	56264.03	56263.67578	56279.91229	56287.96484	504321.5	5411469.8
L4320.0	0.0	0.0	66575.39844	326.78	0	48.856174	-86.941084	56248.56	56234.8	15.21	56263.78	56263.43750	56275.90044	56283.74609	504321.6	5411469.2
L4320.0	0.0	0.0	66575.50000	325.43	0	48.856170	-86.941083	56248.66	56234.8	15.21	56263.88	56263.54688	56280.32128	56287.96094	504321.7	5411468.8
L4320.0	0.0	0.0	66575.60156	325.43	0	48.856166	-86.941082	56247.77	56234.8	15.22	56262.99	56262.66406	56260.89550	56268.32813	504321.8	5411468.3
L4320.0	0.0	0.0	66575.70313	328.35	0	48.856166	-86.941082	56247.58	56234.8	15.22	56262.80	56262.48438	56258.39022	56265.62109	504321.8	5411468.3
L4320.0	0.0	0.0	66575.79688	329.01	0	48.856161	-86.941080	56247.42	56234.8	15.22	56262.64	56262.33594	56256.62626	56263.65625	504322.0	5411467.7
L4320.0	0.0	0.0	66575.89844	328.18	0	48.856157	-86.941079	56246.95	56234.8	15.22	56262.16	56261.86719	56247.36194	56254.19531	504322.0	5411467.3
L4320.0	0.0	0.0	66576.00000	326.24	0	48.856157	-86.941079	56247.05	56234.8	15.22	56262.27	56261.98438	56252.01175	56258.64844	504322.0	5411467.3
L4320.0	0.0	0.0	66576.10156	326.96	0	48.856152	-86.941077	56247.26	56234.8	15.22	56262.49	56262.21484	56259.17243	56265.61328	504322.1	5411466.8
L4320.0	0.0	0.0	66576.20313	326.09	0	48.856147	-86.941076	56247.24	56234.8	15.23	56262.46	56262.19531	56260.49658	56266.74609	504322.2	5411466.2
L4320.0	0.0	0.0	66576.29688	324.29	0	48.856147	-86.941076	56247.13	56234.8	15.23	56262.36	56262.10547	56260.22586	56266.28516	504322.2	5411466.2
L4320.0	0.0	0.0	66576.39844	324.93	0	48.856142	-86.941075	56246.85	56234.8	15.23	56262.08	56261.83594	56255.87268	56261.74609	504322.3	5411465.7
L4320.0	0.0	0.0	66576.50000	325.27	0	48.856137	-86.941074	56246.73	56234.8	15.24	56261.97	56261.73438	56255.47059	56261.16016	504322.4	5411465.1
L4320.0	0.0	0.0	66576.60156	324.91	0	48.856137	-86.941074	56246.92	56234.8	15.24	56262.16	56261.93359	56261.92865	56267.43359	504322.4	5411465.1
L4320.0	0.0	0.0	66576.70313	323.59	0	48.856130	-86.941073	56246.92	56234.8	15.24	56262.16	56261.94531	56264.09469	56269.41797	504322.5	5411464.3
L4320.0	0.0	0.0	66576.79688	325.21	0	48.856125	-86.941072	56246.88	56234.8	15.24	56262.13	56261.92188	56265.63055	56270.77734	504322.6	5411463.8
L4320.0	0.0	0.0	66576.89844	326.73	0	48.856120	-86.941071	56246.97	56234.8	15.25	56262.22	56262.02344	56269.92896	56274.90234	504322.6	5411463.2
L4320.0	0.0	0.0	66577.00000	323.85	0	48.856120	-86.941071	56246.91	56234.8	15.25	56262.16	56261.97266	56270.90974	56275.71094	504322.6	5411463.2
L4320.0	0.0	0.0	66577.10156	321.98	0	48.856114	-86.941070	56246.80	56234.8	15.25	56262.04	56261.86328	56270.61749	56275.24609	504322.7	5411462.6
L4320.0	0.0	0.0	66577.20313	322.66	0	48.856108	-86.941070	56246.82	56234.8	15.25	56262.07	56261.90234	56273.77581	56278.23828	504322.7	5411461.9
L4320.0	0.0	0.0	66577.29688	323.34	0	48.856100	-86.941069	56246.63	56234.8	15.24	56261.87	56261.71094	56271.85564	56276.15234	504322.7	5411461.0
L4320.0	0.0	0.0	66577.39844	324.46	0	48.856100	-86.941069	56246.24	56234.8	15.24	56261.48	56261.32813	56265.76214	56269.89844	504322.7	5411461.0
L4320.0	0.0	0.0	66577.50000	326.26	0	48.856094	-86.941069	56246.21	56234.8	15.24	56261.46	56261.32031	56268.06594	56272.04688	504322.8	5411460.4
L4320.0	0.0	0.0	66577.60156	326.26	0	48.856087	-86.941069	56246.06	56234.8	15.24	56261.30	56261.16797	56267.32291	56271.14453	504322.8	5411459.5
L4320.0	0.0	0.0	66577.70313	323.16	0	48.856087	-86.941069	56246.06	56234.8	15.24	56261.30	56261.17578	56270.27509	56273.94531	504322.8	5411459.5
L4320.0	0.0	0.0	66577.79688	321.99	0	48.856081	-86.941068	56245.58	56234.8	15.23	56260.81	56260.69531	56262.30665	56265.82813	504322.8	5411458.8
L4320.0	0.0	0.0	66577.89844	325.87	0	48.856081	-86.941068	56245.68	56234.8	15.23	56260.91	56260.80469	56267.71751	56271.09375	504322.8	5411458.8
L4320.0	0.0	0.0	66578.00000	327.08	0	48.856074	-86.941068	56245.63	56234.8	15.23	56260.86	56260.76172	56269.86203	56273.09375	504322.8	5411458.1
L4320.0	0.0	0.0	66578.10156	325.13	0	48.856066	-86.941068	56245.40	56234.8	15.23	56260.63	56260.54297	56268.05391	56271.14453	504322.8	5411457.1
L4320.0	0.0	0.0	66578.20313	325.31	0	48.856059	-86.941068	56245.66	56234.8	15.23	56260.89	56260.81250	56277.41889	56280.37109	504322.8	5411456.4
L4320.0	0.0	0.0	66578.29688	324.00	0	48.856053	-86.941068	56245.36	56234.8	15.24	56260.60	56260.53125	56274.47190	56277.28906	504322.8	5411455.7
L4320.0	0.0	0.0	66578.39844	325.54	0	48.856053	-86.941068	56245.35	56234.8	15.24	56260.59	56260.52734	56277.95865	56280.64844	504322.8	5411455.7
L4320.0	0.0	0.0	66578.50000	324.40	0	48.856042	-86.941068	56245.09	56234.8	15.24	56260.33	56260.27734	56275.90227	56278.46094	504322.8	5411454.6
L4320.0	0.0	0.0	66578.60156	326.73	0	48.856042	-86.941068	56244.82	56234.8	15.24	56260.06	56260.01563	56273.72949	56276.16406	504322.8	5411454.6
L4320.0	0.0	0.0	66578.70313	328.45	0	48.856035	-86.941069	56244.45	56234.8	15.24	56259.69	56259.65625	56269.41151	56271.72266	504322.8	5411453.7
L4320.0	0.0	0.0	66578.79688	327.10	0	48.856035	-86.941069	56244.76	56234.8	15.25	56260.01	56259.98438	56280.77099	56282.96484	504322.8	5411453.7
L4320.0	0.0	0.0	66578.89844	323.11	0	48.856021	-86.941069	56244.60	56234.8	15.25	56259.85	56259.83203	56281.40488	56283.48438	504322.8	5411452.1
L4320.0	0.0	0.0	66579.00000	322.07	0	48.856021	-86.941069	56244.10	56234.8	15.25	56259.35	56259.33984	56274.49876	56276.46484	504322.8	5411452.1
L4320.0	0.0	0.0	66579.10156	323.68	0	48.856010	-86.941069	56243.98	56234.8	15.25	56259.23	56259.23047	56276.26148	56278.11719	504322.8	5411451.0
L4320.0	0.0	0.0	66579.20313	324.34	0	48.856010	-86.941069	56244.02	56234.8	15.25	56259.27	56259.27734	56281.72706	56283.47656	504322.8	5411451.0
L4320.0	0.0	0.0	66579.29688	327.05	0	48.856004	-86.941069	56243.40	56234.8	15.24	56258.65	56258.66406	56272.48322	56274.12891	504322.8	5411450.3
L4320.0	0.0	0.0	66579.39844	327.62	0	48.855995	-86.941069	56242.84	56234.8	15.24	56258.09	56258.11328	56264.71210	56266.26172	504322.8	5411449.3
L4320.0	0.0	0.0	66579.50000	328.82	0	48.855995	-86.941069	56242.39	56234.8	15.24	56257.63	56257.66406	56259.30244	56260.75391	504322.8	5411449.3
L4320.0	0.0	0.0	66579.60156	328.82	0	48.855988	-86.941069	56242.22	56234.8	15.24	56257.46	56257.50000	56260.50005	56261.85547	504322.8	5411448.5
L4320.0	0.0	0.0	66579.70313	323.73	0	48.855979	-86.941068	56242.29	56234.8	15.24	56257.52	56257.57031	56266.95464	56268.21875	504322.8	5411447.6
L4320.0	0.0	0.0	66579.79688	322.52	0	48.855973	-86.941068	56242.06	56234.8	15.23	56257.29	56257.34766	56267.02539	56268.20313	504322.9	5411446.9
L4320.0	0.0	0.0	66579.89844	322.70	0	48.855973	-86.941068	56241.79	56234.8	15.23	56257.03	56257.09766	56266.53158	56267.62500	504322.9	5411446.9
L4320.0	0.0	0.0	66580.00000	322.54	0	48.855963	-86.941067	56241.60	56234.8	15.23	56256.83	56256.90625	56267.49082	56268.50391	504322.9	5411445.8
L4320.0	0.0	0.0	66580.10156	324.37	0	48.855954	-86.941066	56240.98	56234.8	15.23	56256.21	56256.29297	56259.11707	56260.05078	504323.0	5411444.7
L4320.0	0.0	0.0	66580.20313	325.13	0	48.855954	-86.941066	56240.65	56234.8	15.23	56255.88	56255.97266	56257.34801	56258.20313	504323.0	5411444.7
L4320.0	0.0	0.0	66580.29688	323.12	0	48.855942	-86.941065	56240.36	56234.8	15.23	56255.59	56255.69141	56256.57531	56257.35938	504323.1	5411443.4
L4320.0	0.0	0.0	66580.39844	322.27	0	48.855934	-86.941064	56240.06	56234.8	15.23	56255.29	56255.39844	56255.67315	56256.38672	504323.2	5411442.5

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4320.0	0.0	0.0	66580.50000	324.31	0	48.855934	-86.941064	56239.58	56234.8	15.24	56254.81	56254.92969	56250.80134	56251.44922	504323.2	5411442.5
L4320.0	0.0	0.0	66580.60156	327.15	0	48.855926	-86.941063	56239.30	56234.8	15.24	56254.54	56254.66797	56250.77056	56251.35156	504323.2	5411441.7
L4320.0	0.0	0.0	66580.70313	328.40	0	48.855917	-86.941062	56238.94	56234.8	15.24	56254.18	56254.31641	56248.80860	56249.32813	504323.3	5411440.7
L4320.0	0.0	0.0	66580.79688	328.61	0	48.855910	-86.941061	56238.53	56234.8	15.24	56253.76	56253.90625	56245.60227	56246.06250	504323.4	5411439.9
L4320.0	0.0	0.0	66580.89844	329.48	0	48.855910	-86.941061	56238.22	56234.8	15.24	56253.46	56253.61328	56245.20086	56245.60547	504323.4	5411439.9
L4320.0	0.0	0.0	66581.00000	328.67	0	48.855901	-86.941059	56237.90	56234.8	15.24	56253.14	56253.30469	56244.45221	56244.80469	504323.5	5411438.8
L4320.0	0.0	0.0	66581.10156	329.47	0	48.855891	-86.941058	56237.84	56234.8	15.24	56253.08	56253.25391	56249.57464	56249.87500	504323.6	5411437.8
L4320.0	0.0	0.0	66581.20313	326.97	0	48.855884	-86.941057	56237.66	56234.8	15.25	56252.91	56253.08984	56252.29935	56252.55078	504323.6	5411437.0
L4320.0	0.0	0.0	66581.29688	326.79	0	48.855884	-86.941057	56237.69	56234.8	15.25	56252.94	56253.12891	56259.44974	56259.65625	504323.6	5411437.0
L4320.0	0.0	0.0	66581.39844	326.15	0	48.855874	-86.941056	56237.36	56234.7	15.25	56252.61	56252.80859	56258.74513	56258.91016	504323.8	5411435.8
L4320.0	0.0	0.0	66581.50000	326.17	0	48.855863	-86.941054	56236.88	56234.7	15.25	56252.13	56252.33984	56254.89258	56255.01563	504323.9	5411434.6
L4320.0	0.0	0.0	66581.60156	326.17	0	48.855852	-86.941053	56236.59	56234.7	15.26	56251.85	56252.07031	56255.45017	56255.53516	504324.0	5411433.4
L4320.0	0.0	0.0	66581.70313	327.49	0	48.855852	-86.941053	56236.29	56234.7	15.26	56251.55	56251.78125	56255.64626	56255.69531	504324.0	5411433.4
L4320.0	0.0	0.0	66581.79688	323.15	0	48.855841	-86.941052	56236.07	56234.7	15.26	56251.34	56251.58203	56257.79554	56257.80859	504324.0	5411432.2
L4320.0	0.0	0.0	66581.89844	320.49	0	48.855841	-86.941052	56235.91	56234.7	15.27	56251.17	56251.42188	56260.80641	56260.78906	504324.0	5411432.2
L4320.0	0.0	0.0	66582.00000	320.13	0	48.855828	-86.941051	56235.82	56234.7	15.27	56251.09	56251.35156	56265.68904	56265.64453	504324.1	5411430.7
L4320.0	0.0	0.0	66582.10156	318.64	0	48.855817	-86.941049	56235.40	56234.7	15.27	56250.67	56250.94141	56263.62409	56263.55078	504324.2	5411429.5
L4320.0	0.0	0.0	66582.20313	319.10	0	48.855817	-86.941049	56235.29	56234.7	15.27	56250.55	56250.83203	56267.74994	56267.65234	504324.2	5411429.5
L4320.0	0.0	0.0	66582.29688	317.82	0	48.855807	-86.941049	56234.86	56234.7	15.26	56250.12	56250.41406	56265.65441	56265.53125	504324.3	5411428.4
L4320.0	0.0	0.0	66582.39844	319.41	0	48.855797	-86.941048	56234.32	56234.7	15.26	56249.58	56249.88672	56261.46144	56261.32031	504324.3	5411427.3
L4320.0	0.0	0.0	66582.50000	320.07	0	48.855797	-86.941048	56233.74	56234.7	15.26	56249.00	56249.31641	56256.58983	56256.42969	504324.3	5411427.3
L4320.0	0.0	0.0	66582.60156	319.24	0	48.855784	-86.941047	56233.19	56234.7	15.26	56248.45	56248.78125	56252.42487	56252.24609	504324.4	5411425.8
L4320.0	0.0	0.0	66582.70313	320.68	0	48.855784	-86.941047	56232.88	56234.7	15.26	56248.13	56248.47266	56252.91926	56252.72656	504324.4	5411425.8
L4320.0	0.0	0.0	66582.79688	321.69	0	48.855773	-86.941047	56232.68	56234.7	15.25	56247.94	56248.29297	56256.07055	56255.86328	504324.4	5411424.6
L4320.0	0.0	0.0	66582.89844	320.10	0	48.855761	-86.941046	56232.29	56234.7	15.25	56247.54	56247.90625	56255.12345	56254.90625	504324.5	5411423.2
L4320.0	0.0	0.0	66583.00000	320.37	0	48.855749	-86.941046	56232.25	56234.8	15.25	56247.50	56247.88281	56261.43734	56261.20703	504324.5	5411422.0
L4320.0	0.0	0.0	66583.10156	323.43	0	48.855749	-86.941046	56231.87	56234.8	15.25	56247.12	56247.51563	56261.06382	56260.82422	504324.5	5411422.0
L4320.0	0.0	0.0	66583.20313	322.72	0	48.855739	-86.941045	56231.54	56234.8	15.25	56246.79	56247.19922	56261.77293	56261.52734	504324.5	5411420.8
L4320.0	0.0	0.0	66583.29688	321.74	0	48.855739	-86.941045	56230.93	56234.8	15.25	56246.18	56246.60156	56256.88803	56256.63672	504324.5	5411420.8
L4320.0	0.0	0.0	66583.39844	323.23	0	48.855725	-86.941045	56230.56	56234.8	15.25	56245.81	56246.24609	56256.90638	56256.65234	504324.6	5411419.3
L4320.0	0.0	0.0	66583.50000	321.70	0	48.855716	-86.941044	56230.02	56234.8	15.25	56245.27	56245.72266	56253.50257	56253.24609	504324.6	5411418.3
L4320.0	0.0	0.0	66583.60156	321.70	0	48.855704	-86.941044	56229.77	56234.8	15.25	56245.02	56245.48828	56256.09429	56255.83594	504324.6	5411417.0
L4320.0	0.0	0.0	66583.70313	321.56	0	48.855704	-86.941044	56229.14	56234.8	15.25	56244.39	56244.87500	56250.90678	56250.64844	504324.6	5411417.0
L4320.0	0.0	0.0	66583.79688	323.75	0	48.855695	-86.941044	56228.66	56234.8	15.25	56243.91	56244.41016	56248.84673	56248.58984	504324.6	5411415.9
L4320.0	0.0	0.0	66583.89844	325.00	0	48.855687	-86.941044	56227.87	56234.8	15.25	56243.12	56243.63672	56240.37098	56240.11719	504324.6	5411415.0
L4320.0	0.0	0.0	66584.00000	323.12	0	48.855687	-86.941044	56227.59	56234.8	15.25	56242.84	56243.37500	56242.55367	56242.30078	504324.6	5411415.0
L4320.0	0.0	0.0	66584.10156	323.31	0	48.855676	-86.941044	56227.47	56234.7	15.25	56242.72	56243.27344	56248.14855	56247.90234	504324.7	5411413.9
L4320.0	0.0	0.0	66584.20313	321.85	0	48.855667	-86.941044	56227.28	56234.7	15.25	56242.54	56243.10938	56252.55453	56252.31250	504324.7	5411412.9
L4320.0	0.0	0.0	66584.29688	321.74	0	48.855667	-86.941044	56226.86	56234.7	15.26	56242.12	56242.71094	56251.98280	56251.74609	504324.7	5411412.9
L4320.0	0.0	0.0	66584.39844	323.38	0	48.855652	-86.941043	56226.29	56234.7	15.26	56241.55	56242.16016	56248.30700	56248.07813	504324.7	5411411.2
L4320.0	0.0	0.0	66584.50000	323.16	0	48.855642	-86.941043	56226.23	56234.7	15.26	56241.49	56242.12109	56255.37312	56255.15625	504324.7	5411410.0
L4320.0	0.0	0.0	66584.60156	323.37	0	48.855632	-86.941043	56225.59	56234.7	15.26	56240.86	56241.51172	56250.52190	56250.31250	504324.7	5411409.0
L4320.0	0.0	0.0	66584.70313	324.83	0	48.855622	-86.941042	56224.79	56234.7	15.26	56240.06	56240.73047	56242.15012	56241.95313	504324.8	5411407.9
L4320.0	0.0	0.0	66584.79688	321.51	0	48.855622	-86.941042	56224.30	56234.7	15.27	56239.56	56240.25391	56240.11345	56239.92578	504324.8	5411407.9
L4320.0	0.0	0.0	66584.89844	323.20	0	48.855611	-86.941042	56223.57	56234.7	15.27	56238.84	56239.55469	56233.50626	56233.33203	504324.8	5411406.7
L4320.0	0.0	0.0	66585.00000	323.84	0	48.855596	-86.941040	56223.27	56234.7	15.27	56238.54	56239.27734	56235.73911	56235.57813	504324.9	5411405.0
L4320.0	0.0	0.0	66585.10156	322.62	0	48.855588	-86.941040	56222.61	56234.7	15.27	56237.88	56238.64063	56230.45787	56230.31250	504325.0	5411404.1
L4320.0	0.0	0.0	66585.20313	320.84	0	48.855588	-86.941040	56222.36	56234.7	15.27	56237.63	56238.41406	56233.80964	56233.67578	504325.0	5411404.1
L4320.0	0.0	0.0	66585.29688	321.90	0	48.855578	-86.941039	56221.76	56234.7	15.27	56237.03	56237.83984	56229.84067	56229.72266	504325.0	5411402.9
L4320.0	0.0	0.0	66585.39844	321.01	0	48.855568	-86.941038	56221.06	56234.7	15.27	56236.33	56237.16406	56223.77663	56223.67578	504325.1	5411401.8
L4320.0	0.0	0.0	66585.50000	321.83	0	48.855568	-86.941038	56220.77	56234.7	15.27	56236.04	56236.90234	56226.37919	56226.29688	504325.1	5411401.8
L4320.0	0.0	0.0	66585.60156	321.83	0	48.855558	-86.941037	56220.38	56234.7	15.27	56235.65	56236.53906	56226.90494	56226.83594	504325.2	5411400.8
L4320.0	0.0	0.0	66585.70313	323.48	0	48.855544	-86.941035	56220.16	56234.7	15.27	56235.43	56236.34766	56231.08766	56231.03906	504325.3	5411399.2
L4320.0	0.0	0.0	66585.79688	321.01	0	48.855544	-86.941035	56219.63	56234.7	15.27	56234.89	56235.83594	56228.48783	56228.45703	504325.3	5411399.2
L4320.0	0.0	0.0	66585.89844	322.33	0	48.855533	-86.941033	56219.31	56234.7	15.27	56234.58	56235.55469	56230.84357	56230.83203	504325.4	5411398.0
L4320.0	0.0	0.0	66586.00000	322.57	0	48.855519	-86.941031	56219.22	56234.7	15.27	56234.49	56235.49219	56238.01428	56238.02344	504325.6	5411396.4
L4320.0	0.0	0.0	66586.10156	322.00	0	48.855519	-86.941031	56218.58	56234.7	15.27	56233.85	56234.88281	56233.33971	56233.36719	504325.6	5411396.4
L4320.0	0.0	0.0	66586.20313	322.85	0	48.855507	-86.941030	56218.09	56234.7	15.27	56233.35	56234.41406	56231.71043	56231.75781	504325.7	5411395.0
L4320.0	0.0	0.0	66586.29688	324.54	0	48.855500	-86.941029	56217.70	56234.7	15.26	56232.97	56234.06641	56232.73855	56232.80859	504325.8	5411394.3
L4320.0	0.0	0.0	66586.39844	325.94	0	48.855490	-86.941027	56217.27	56234.7	15.26	56232.53	56233.66016	56232.48979	56232.58203	504325.9	5411393.1
L4320.0	0.0	0.0	66586.50000	326.24	0	48.855490	-86.941027	56216.99	56234.7	15.26	56232.25	56233.41406	56235.83637	56235.95313	504325.9	5411393.1
L4320.0	0.0	0.0	66586.60156	324.42	0	48.855478	-86.941025	56216.54	56234.7	15.26	56231.80	56232.99609	56235.45897	56235.59766	504326.0	5411391.8
L4320.0	0.0	0.0	66586.70313	324.16	0	48.855468	-86.941024	56216.09	56234.7	15.26	56231.35	56232.58203	56235.11959	56235.28125	504326.1	5411390.7
L4320.0	0.0	0.0	66586.79688	324.73	0	48.855455	-86.941023	56215.67	56234.7	15.25	56230.93	56232.19922	56235.49888	56235.68359	504326.2	5411389.3
L4320.0	0.0	0.0	66586.89844	327.40	0	48.855455	-86.941023	56215.15	56234.7	15.25	56230.40	56231.70313	56233.42931	56233.63672	504326.2	5411389.3
L4320.0	0.0	0.0	66587.00000	327.78	0	48.855443	-86.941021	56214.85	56234.8	15.25	56230.10	56231.44141	56236.64046	56236.87500	504326.3	5411388.0
L4320.0	0.0	0.0	66587.10156	327.82	0	48.855427	-86.941019	56214.26	56234.8	15.25	56229.51	56230.89063	56233.27929	56233.53906	504326.5	5411386.2
L4320.0	0.0	0.0	66587.20313	327.64	0	48.855427	-86.941019	56213.86	56234.8	15.25	56229.10	56230.51953	56234.09033	56234.37500	504326.5	5411386.2
L4320.0	0.0	0.0	66587.29688	325.56	0	48.855416	-86.941018	56213.35	56234.8	15.25	56228.59	56230.05078	56232.64947	56232.96094	504326.6	5411385.0
L4320.0	0.0	0.0	66587.39844	326.52	0	48.855404	-86.941017	56212.93	56234.8	15.25	56228.17	56229.67188	56233.34802	56233.68750	504326.6	5411383.6
L4320.0	0.0	0.0	66587.50000	323.59	0	48.855404	-86.941017	56212.58	56234.8	15.24	56227.83	56229.37109	56235.97757	56236.34375	504326.6	5411383.6
L4320.0	0.0	0.0	66587.60156	323.59	0	48.855396	-86.941016	56211.98	56234.8	15.24	56227.23	56228.81250	56232.61049	56233.00391	504326.7	5411382.7
L4320.0	0.0	0.0	66587.70313	323.83	0	48.855383	-86.941015	56211.56	56234.8	15.24	56226.80	56228.42578	56233.27559	56233.69531	504326.8	5411381.3
L4320.0	0.0	0.0	66587.79688	325.67	0	48.855366	-86.941014	56211.23	56234.8	15.24	56226.47	56228.14063	56236.35429	56236.80469	504326.9	5411379.4
L4320.0	0.0	0.0	66587.89844	324.51	0	48.855366	-86.941014	56210.61	56234.8	15.24	56225.85	56227.56641	56232.71674	56233.19531	504326.9	5411379.4
L4320.0	0.0	0.0	66588.00000	326.72	0	48.855355	-86.941013	56210.03	56234.8	15.24	56225.27	56227.03125	56230.09631	56230.60547	504326.9	5411378.2
L4320.0	0.0	0.0	66588.10156	325.38	0	48.855344	-86.941012	56209.38	56234.8	15.24	56224.63	56226.43750	56226.16370	56226.70313	504327.0	5411376.9
L4320.0	0.0	0.0	66588.20313	326.74	0	48.855344	-86.941012	56209.00	56234.8	15.24	56224.25	56226.10547	56228.39800	56228.96484	504327.0	5411376.9
L4320.0	0.0	0.0	66588.29688	327.42	0	48.855330	-86.941012	56208.34	56234.8	15.25	56223.59	56225.49609	56224.20213	56224.80078	504327.0	5411375.4
L4320.0	0.0	0.0	66588.39844	327.70	0	48.855330	-86.941012	56207.81	56234.8	15.25	56223.06	56225.01172	56223.14363	56223.77344	504327.0	5411375.4
L4320.0	0.0	0.0	66588.50000	326.45	0	48.855316	-86.941011	56207.46	56234.8	15.25	56222.71	56224.71484	56226.35831	56227.01953	504327.1	5411373.9
L4320.0	0.0	0.0	66588.60156	327.19	0	48.855301	-86.941010	56206.97	56234.7	15.25	56222.22	56224.27344	56226.43254	56227.12891	504327.2	5411372.2
L4320.0	0.0	0.0	66588.70313	325.99	0	48.855301	-86.941010	56206.68	56234.7	15.25	56221.93	56224.03516	56231.21024	56231.93750	504327.2	5411372.2
L4320.0	0.0	0.0	66588.79688	326.48	0	48.855293	-86.941010	56206.09	56234.7	15.26	56221.35	56223.50781	56229.43321	56230.19531	504327.2	5411371.2
L4320.0	0.0	0.0	66588.89844	325.58	0	48.855278	-86.941009	56205.48	56234.7	15.26	56220.74	56222.95313	56227.10603	56227.90234	504327.2	5411369.6
L4320.0	0.0	0.0	66589.00000	323.00	0	48.855278	-86.941009	56204.52	56234.7	15.26	56219.78	56222.04688	56216.98107	56217.81250	504327.2	5411369.6
L4320.0	0.0	0.0	66589.10156	324.37	0	48.855264	-86.941009	56204.07	56234.7	15.26	56219.33	56221.64844	56218.59133	56219.46094	504327.3	5411368.0
L4320.0	0.0	0.0	66589.20313	323.78	0	48.855249	-86.941008	56203.64	56234.7	15.26	56218.90	56221.27734	56220.77048	56221.67578	504327.3	5411366.4
L4320.0	0.0	0.0	66589.29688	322.17	0	48.855249	-86.941008	56203.14	56234.7	15.26	56218.40	56220.83203	56221.49936	56222.44141	504327.3	5411366.4
L4320.0	0.0	0.0	66589.39844	323.79	0	48.855237	-86.941008	56202.70	56234.7	15.26	56217.96	56220.44922	56223.70138	56224.67969	504327.3	5411365.1
L4320.0	0.0	0.0	66589.50000	323.31	0	48.855224	-86.941007	56202.42	56234.7	15.26	56217.68	56220.22656	56229.58865	56230.60938	504327.4	5411363.6
L4320.0	0.0	0.0	66589.50000	323.31	0	48.855224	-86.941007	56201.76	56234.7	15.26	56217.02	56219.62500	56227.16672	56228.22656	504327.4	5411363.6
L4320.0	0.0	0.0	66589.60156	323.65	0	48.855212	-86.941007	56200.98	56234.7	15.26	56216.24	56218.90234	56222.26411	56223.36328	504327.4	5411362.2

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4320.0	0.0	0.0	66589.79688	326.49	0	48.855198	-86.941007	56200.30	56234.7	15.26	56215.56	56218.28516	56219.74888	56220.88672	504327.4	5411360.8
L4320.0	0.0	0.0	66589.89844	327.26	0	48.855198	-86.941007	56199.66	56234.7	15.26	56214.92	56217.70313	56218.28485	56219.46484	504327.4	5411360.8
L4320.0	0.0	0.0	66590.00000	326.12	0	48.855188	-86.941006	56198.93	56234.7	15.26	56214.19	56217.03516	56215.00133	56216.22266	504327.4	5411359.6
L4320.0	0.0	0.0	66590.10156	324.73	0	48.855176	-86.941006	56198.13	56234.7	15.26	56213.39	56216.29688	56210.32912	56211.59375	504327.5	5411358.2
L4320.0	0.0	0.0	66590.20313	324.86	0	48.855161	-86.941006	56197.88	56234.7	15.26	56213.14	56216.10938	56218.00356	56219.31250	504327.5	5411356.6
L4320.0	0.0	0.0	66590.29688	324.07	0	48.855161	-86.941006	56197.21	56234.7	15.26	56212.47	56215.50391	56216.55862	56217.91016	504327.5	5411356.6
L4320.0	0.0	0.0	66590.39844	323.71	0	48.855146	-86.941006	56196.61	56234.7	15.26	56211.87	56214.96875	56216.85221	56218.25000	504327.5	5411355.0
L4320.0	0.0	0.0	66590.50000	322.52	0	48.855135	-86.941006	56195.92	56234.7	15.26	56211.18	56214.34375	56215.30903	56216.75391	504327.5	5411353.7
L4320.0	0.0	0.0	66590.60156	322.94	0	48.855135	-86.941006	56195.07	56234.7	15.26	56210.33	56213.55859	56210.30435	56211.79297	504327.5	5411353.7
L4320.0	0.0	0.0	66590.70313	323.16	0	48.855123	-86.941005	56194.84	56234.7	15.26	56210.10	56213.39063	56219.59603	56221.13281	504327.5	5411352.4
L4320.0	0.0	0.0	66590.79688	324.42	0	48.855106	-86.941005	56194.00	56234.7	15.26	56209.26	56212.61719	56215.16809	56216.75000	504327.5	5411350.5
L4320.0	0.0	0.0	66590.89844	326.31	0	48.855106	-86.941005	56193.59	56234.7	15.26	56208.85	56212.27344	56220.85386	56222.48438	504327.5	5411350.5
L4320.0	0.0	0.0	66591.00000	325.38	0	48.855093	-86.941005	56192.26	56234.7	15.26	56207.52	56211.01172	56205.29053	56206.96875	504327.6	5411349.1
L4320.0	0.0	0.0	66591.10156	325.05	0	48.855080	-86.941005	56191.70	56234.7	15.26	56206.96	56210.51953	56207.84635	56209.57813	504327.6	5411347.6
L4320.0	0.0	0.0	66591.20313	324.89	0	48.855080	-86.941005	56191.39	56234.7	15.26	56206.65	56210.27734	56216.58199	56218.36328	504327.6	5411347.6
L4320.0	0.0	0.0	66591.29688	326.32	0	48.855066	-86.941005	56190.68	56234.7	15.26	56205.94	56209.63672	56216.06697	56217.89453	504327.6	5411346.1
L4320.0	0.0	0.0	66591.39844	327.10	0	48.855051	-86.941005	56190.06	56234.7	15.26	56205.32	56209.08594	56217.90703	56219.78516	504327.6	5411344.4
L4320.0	0.0	0.0	66591.50000	328.15	0	48.855051	-86.941005	56189.18	56234.7	15.25	56204.43	56208.26563	56213.41455	56215.34766	504327.6	5411344.4
L4320.0	0.0	0.0	66591.60156	328.15	0	48.855040	-86.941005	56188.00	56234.7	15.25	56203.26	56207.16406	56202.23427	56204.21875	504327.6	5411343.1
L4320.0	0.0	0.0	66591.70313	328.85	0	48.855026	-86.941005	56187.24	56234.7	15.25	56202.49	56206.46484	56200.93158	56202.96875	504327.5	5411341.6
L4320.0	0.0	0.0	66591.79688	329.10	0	48.855026	-86.941005	56186.57	56234.7	15.25	56201.82	56205.86328	56205.76274	56207.85156	504327.5	5411341.6
L4320.0	0.0	0.0	66591.89844	328.66	0	48.855011	-86.941005	56185.98	56234.7	15.25	56201.23	56205.34375	56208.02044	56210.16016	504327.5	5411339.9
L4320.0	0.0	0.0	66592.00000	328.58	0	48.855011	-86.941005	56185.14	56234.8	15.25	56200.39	56204.57422	56205.88590	56208.08203	504327.5	5411339.9
L4320.0	0.0	0.0	66592.10156	329.54	0	48.854996	-86.941005	56184.68	56234.8	15.25	56199.93	56204.18750	56210.75031	56213.00000	504327.6	5411338.3
L4320.0	0.0	0.0	66592.20313	329.03	0	48.854981	-86.941005	56183.40	56234.8	15.25	56198.65	56202.97656	56200.87884	56203.18359	504327.6	5411336.6
L4320.0	0.0	0.0	66592.29688	328.39	0	48.854981	-86.941005	56182.62	56234.8	15.25	56197.87	56202.26953	56200.18215	56202.53906	504327.6	5411336.6
L4320.0	0.0	0.0	66592.39844	328.01	0	48.854967	-86.941005	56181.70	56234.8	15.25	56196.95	56201.41797	56197.07629	56199.48828	504327.6	5411335.1
L4320.0	0.0	0.0	66592.50000	327.96	0	48.854957	-86.941004	56181.26	56234.8	15.25	56196.50	56201.04297	56201.06682	56203.53516	504327.6	5411334.0
L4320.0	0.0	0.0	66592.60156	328.07	0	48.854957	-86.941004	56180.24	56234.8	15.24	56195.49	56200.10156	56195.42278	56197.94531	504327.6	5411334.0
L4320.0	0.0	0.0	66592.70313	327.76	0	48.854942	-86.941004	56179.25	56234.8	15.24	56194.49	56199.17578	56190.21260	56192.78906	504327.6	5411332.2
L4320.0	0.0	0.0	66592.79688	327.05	0	48.854926	-86.941003	56178.52	56234.8	15.24	56193.76	56198.51563	56191.70839	56194.33984	504327.7	5411330.5
L4320.0	0.0	0.0	66592.89844	327.03	0	48.854926	-86.941003	56178.09	56234.8	15.24	56193.33	56198.15625	56200.54186	56203.23047	504327.7	5411330.5
L4320.0	0.0	0.0	66593.00000	326.33	0	48.854912	-86.941003	56177.18	56234.8	15.24	56192.42	56197.32031	56197.92630	56200.67188	504327.7	5411328.9
L4320.0	0.0	0.0	66593.10156	326.76	0	48.854902	-86.941002	56175.59	56234.8	15.24	56190.83	56195.80078	56179.15271	56181.95313	504327.7	5411327.8
L4320.0	0.0	0.0	66593.20313	326.65	0	48.854890	-86.941002	56174.47	56234.8	15.24	56189.71	56194.75391	56171.78280	56174.64063	504327.8	5411326.5
L4320.0	0.0	0.0	66593.29688	325.42	0	48.854890	-86.941002	56173.38	56234.8	15.24	56188.62	56193.73438	56165.22585	56168.13672	504327.8	5411326.5
L4320.0	0.0	0.0	66593.39844	325.41	0	48.854878	-86.941001	56172.85	56234.8	15.24	56188.08	56193.26563	56171.93681	56174.90625	504327.8	5411325.2
L4320.0	0.0	0.0	66593.50000	324.33	0	48.854864	-86.941001	56172.33	56234.8	15.24	56187.56	56192.81641	56179.24071	56182.26563	504327.9	5411323.6
L4320.0	0.0	0.0	66593.50000	324.33	0	48.854864	-86.941001	56171.92	56234.8	15.24	56187.15	56192.47656	56189.32281	56192.40234	504327.9	5411323.6
L4320.0	0.0	0.0	66593.70313	323.86	0	48.854848	-86.941001	56171.04	56234.8	15.23	56186.27	56191.66797	56188.18921	56191.32422	504327.9	5411321.8
L4320.0	0.0	0.0	66593.79688	324.01	0	48.854834	-86.941000	56169.90	56234.8	15.23	56185.13	56190.59766	56180.82396	56184.01563	504327.9	5411320.3
L4320.0	0.0	0.0	66593.89844	324.90	0	48.854834	-86.941000	56169.02	56234.8	15.23	56184.25	56189.78906	56179.81437	56183.06250	504327.9	5411320.3
L4320.0	0.0	0.0	66594.00000	326.71	0	48.854820	-86.941000	56167.94	56234.8	15.23	56183.17	56188.77734	56173.98146	56177.28516	504328.0	5411318.7
L4320.0	0.0	0.0	66594.10156	327.70	0	48.854820	-86.941000	56166.98	56234.8	15.23	56182.21	56187.89063	56171.11327	56174.47266	504328.0	5411318.7
L4320.0	0.0	0.0	66594.20313	329.74	0	48.854794	-86.940999	56165.67	56234.8	15.23	56180.91	56186.65625	56159.93463	56163.34766	504328.0	5411315.8
L4320.0	0.0	0.0	66594.29688	331.10	0	48.854794	-86.940999	56165.02	56234.8	15.24	56180.26	56186.07813	56168.85832	56172.32422	504328.0	5411315.8
L4320.0	0.0	0.0	66594.39844	332.43	0	48.854776	-86.940999	56164.22	56234.8	15.24	56179.46	56185.34375	56169.22394	56172.74609	504328.0	5411313.8
L4320.0	0.0	0.0	66594.50000	331.76	0	48.854776	-86.940999	56163.40	56234.8	15.24	56178.64	56184.59375	56169.23174	56172.80859	504328.0	5411313.8
L4320.0	0.0	0.0	66594.60156	331.42	0	48.854764	-86.940999	56162.48	56234.8	15.24	56177.72	56183.74219	56167.42675	56171.05859	504328.0	5411312.5
L4320.0	0.0	0.0	66594.70313	329.59	0	48.854750	-86.940998	56161.40	56234.8	15.24	56176.64	56182.72656	56159.29442	56162.97656	504328.1	5411310.9
L4320.0	0.0	0.0	66594.79688	328.22	0	48.854738	-86.940998	56160.31	56234.8	15.25	56175.56	56181.71484	56153.66077	56157.39453	504328.1	5411309.5
L4320.0	0.0	0.0	66594.89844	327.40	0	48.854738	-86.940998	56159.29	56234.8	15.25	56174.54	56180.76172	56149.49635	56153.28125	504328.1	5411309.5
L4320.0	0.0	0.0	66595.00000	329.27	0	48.854724	-86.940997	56158.54	56234.8	15.25	56173.79	56180.07813	56151.89363	56155.73047	504328.1	5411308.0
L4320.0	0.0	0.0	66595.10156	328.49	0	48.854724	-86.940997	56157.63	56234.8	15.25	56172.88	56179.23047	56150.33830	56154.22656	504328.1	5411308.0
L4320.0	0.0	0.0	66595.20313	327.13	0	48.854709	-86.940997	56156.65	56234.8	15.24	56171.89	56178.30469	56146.79360	56150.73438	504328.2	5411306.4
L4320.0	0.0	0.0	66595.29688	325.71	0	48.854697	-86.940997	56155.80	56234.8	15.24	56171.04	56177.51953	56146.57892	56150.56641	504328.2	5411305.1
L4320.0	0.0	0.0	66595.39844	325.11	0	48.854697	-86.940997	56155.02	56234.8	15.24	56170.26	56176.80469	56147.96491	56152.00391	504328.2	5411305.1
L4320.0	0.0	0.0	66595.50000	324.92	0	48.854683	-86.940996	56153.63	56234.8	15.24	56168.86	56175.46484	56134.43179	56138.51953	504328.2	5411303.4
L4320.0	0.0	0.0	66595.60156	324.92	0	48.854670	-86.940996	56152.79	56234.8	15.23	56168.02	56174.68750	56134.24225	56138.37891	504328.2	5411302.0
L4320.0	0.0	0.0	66595.70313	322.79	0	48.854657	-86.940996	56152.34	56234.8	15.23	56167.57	56174.30078	56143.14416	56147.32422	504328.3	5411300.6
L4320.0	0.0	0.0	66595.79688	322.19	0	48.854649	-86.940996	56151.58	56234.8	15.23	56166.81	56173.60156	56144.52218	56148.75000	504328.3	5411299.7
L4320.0	0.0	0.0	66595.89844	322.42	0	48.854649	-86.940996	56150.70	56234.8	15.22	56165.93	56172.78125	56142.92941	56147.20313	504328.3	5411299.7
L4320.0	0.0	0.0	66596.00000	324.09	0	48.854635	-86.940996	56149.91	56234.8	15.22	56165.13	56172.03906	56143.02849	56147.34766	504328.3	5411298.1
L4320.0	0.0	0.0	66596.10156	325.76	0	48.854635	-86.940996	56149.18	56234.8	15.22	56164.40	56171.36719	56144.53856	56148.89844	504328.3	5411298.1
L4320.0	0.0	0.0	66596.20313	325.58	0	48.854608	-86.940995	56148.42	56234.8	15.22	56163.64	56170.66406	56145.13320	56149.53906	504328.3	5411295.1
L4320.0	0.0	0.0	66596.29688	327.16	0	48.854608	-86.940995	56147.33	56234.8	15.22	56162.55	56169.63281	56138.01087	56142.45703	504328.3	5411295.1
L4320.0	0.0	0.0	66596.39844	328.20	0	48.854596	-86.940995	56146.35	56234.8	15.22	56161.57	56168.70703	56133.21211	56137.69922	504328.3	5411293.8
L4320.0	0.0	0.0	66596.50000	329.10	0	48.854596	-86.940995	56145.18	56234.8	15.22	56160.40	56167.59375	56123.94708	56128.47266	504328.3	5411293.8
L4320.0	0.0	0.0	66596.60156	328.58	0	48.854580	-86.940995	56144.38	56234.8	15.23	56159.61	56166.85547	56122.97345	56127.53906	504328.3	5411292.0
L4320.0	0.0	0.0	66596.70313	327.73	0	48.854565	-86.940995	56143.82	56234.8	15.23	56159.05	56166.35156	56126.82277	56131.42578	504328.3	5411290.4
L4320.0	0.0	0.0	66596.79688	326.73	0	48.854550	-86.940995	56143.20	56234.8	15.23	56158.43	56165.78516	56129.00571	56133.64453	504328.4	5411288.6
L4320.0	0.0	0.0	66596.89844	323.81	0	48.854550	-86.940995	56142.26	56234.8	15.23	56157.49	56164.89453	56123.79522	56128.47266	504328.4	5411288.6
L4320.0	0.0	0.0	66597.00000	323.10	0	48.854539	-86.940994	56141.54	56234.8	15.23	56156.77	56164.22656	56123.12069	56127.83203	504328.4	5411287.5
L4320.0	0.0	0.0	66597.10156	323.36	0	48.854527	-86.940994	56140.78	56234.8	15.23	56156.01	56163.51563	56121.22355	56125.96875	504328.4	5411286.1
L4320.0	0.0	0.0	66597.20313	321.62	0	48.854527	-86.940994	56140.00	56234.8	15.23	56155.23	56162.78516	56118.53720	56123.31641	504328.4	5411286.1
L4320.0	0.0	0.0	66597.29688	319.90	0	48.854507	-86.940994	56139.23	56234.8	15.23	56154.46	56162.06641	56115.71040	56120.51953	504328.4	5411283.9
L4320.0	0.0	0.0	66597.39844	319.81	0	48.854496	-86.940994	56138.66	56234.8	15.23	56153.89	56161.54297	56116.88282	56121.72266	504328.4	5411282.6
L4320.0	0.0	0.0	66597.50000	320.67	0	48.854496	-86.940994	56137.74	56234.8	15.23	56152.97	56160.66797	56110.00924	56114.87891	504328.4	5411282.6
L4320.0	0.0	0.0	66597.50000	320.67	0	48.854482	-86.940994	56137.07	56234.8	15.23	56152.30	56160.04688	56108.17139	56113.07031	504328.4	5411281.1
L4320.0	0.0	0.0	66597.70313	322.96	0	48.854468	-86.940994	56136.76	56234.8	15.23	56151.99	56159.78125	56113.74023	56118.66797	504328.4	5411279.5
L4320.0	0.0	0.0	66597.79688	324.28	0	48.854454	-86.940993	56135.97	56234.8	15.23	56151.20	56159.03516	56108.33642	56113.28906	504328.5	5411278.1
L4320.0	0.0	0.0	66597.89844	324.85	0	48.854454	-86.940993	56135.42	56234.8	15.23	56150.65	56158.52734	56107.67701	56112.65625	504328.5	5411278.1
L4320.0	0.0	0.0	66598.00000	325.64	0	48.854442	-86.940993	56134.71	56234.8	15.23	56149.95	56157.87109	56103.18690	56108.19141	504328.5	5411276.6
L4320.0	0.0	0.0	66598.10156	325.50	0	48.854428	-86.940993	56133.88	56234.8	15.23	56149.10	56157.06250	56094.78532	56099.81250	504328.5	5411275.1
L4320.0	0.0	0.0	66598.20313	325.32	0	48.854428	-86.940993	56133.21	56234.8	15.22	56148.44	56156.44531	56089.98136	56095.03125	504328.5	5411275.1
L4320.0	0.0	0.0	66598.29688	325.57	0	48.854412	-86.940992	56132.54	56234.8	15.22	56147.76	56155.80469	56084.11694	56089.18750	504328.5	5411273.3
L4320.0	0.0	0.0	66598.39844	324.84	0	48.854401	-86.940992	56132.10	56234.8	15.22	56147.32	56155.40234	56083.07713	56088.16797	504328.6	5411272.1
L4320.0	0.0	0.0	66598.50000	325.05	0	48.854401	-86.940992	56132.01	56234.8	15.21	56147.22	56155.34375	56089.28210	56094.39063	504328.6	5411272.1
L4320.0	0.0	0.0	66598.60156	326.47	0	48.854389	-86.940991	56131.70	56234.8	15.21	56146.91	56155.07031	56090.22877	56095.35547	504328.6	5411270.8
L4320.0	0.0	0.0	66598.70313	326.64	0	48.854379	-86.940991	56131.42	56234.8	15.21	56146.63	56154.82813	56091.37905	56096.52344	504328.6	5411269.7
L4320.0	0.0	0.0	66598.79688	328.17	0	48.854379	-86.940991	56131.12	56234.8	15.21	56146.33	56154.56250	56091.57668	56096.73438	504328.6	5411269.7
L4320.0	0.0	0.0	66598.89844	327.97	0	48.854369	-86.940990	56130.90	56234.8	15.20	56146.10	56154.36719	56092.92167	56098.09766	504328.7	5411268.5
L4320.0	0.0	0.0	66599.00000	327.68	0	48.854357	-86.940990	56130.38	56234.8	15.20	56145.58	56153.88281	56086.98335	56092.17188	504328.7	5411267.2

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4320.0	0.0	0.0	66599.10156	327.20	0	48.854347	-86.940989	56130.09	56234.8	15.20	56145.29	56153.62891	56085.92443	56091.12500	504328.8	5411266.1
L4320.0	0.0	0.0	66599.20313	327.65	0	48.854333	-86.940989	56129.82	56234.8	15.20	56145.02	56153.39063	56084.82938	56090.04297	504328.8	5411264.6
L4320.0	0.0	0.0	66599.29688	327.56	0	48.854333	-86.940989	56129.58	56234.8	15.20	56144.78	56153.18359	56083.91631	56089.13672	504328.8	5411264.6
L4320.0	0.0	0.0	66599.39844	328.41	0	48.854319	-86.940988	56129.44	56234.8	15.20	56144.64	56153.07422	56084.78935	56090.01953	504328.9	5411263.1
L4320.0	0.0	0.0	66599.50000	329.16	0	48.854303	-86.940987	56129.07	56234.8	15.20	56144.27	56152.73438	56079.79133	56085.03125	504328.9	5411261.2
L4320.0	0.0	0.0	66599.60156	329.16	0	48.854303	-86.940987	56128.92	56234.8	15.20	56144.12	56152.61719	56079.31214	56084.56250	504328.9	5411261.2
L4320.0	0.0	0.0	66599.70313	324.66	0	48.854287	-86.940986	56128.84	56234.8	15.20	56144.04	56152.56641	56079.83767	56085.09375	504329.0	5411259.5
L4320.0	0.0	0.0	66599.79688	322.68	0	48.854273	-86.940986	56128.84	56234.8	15.20	56144.04	56152.59375	56081.55356	56086.81250	504329.0	5411257.9
L4320.0	0.0	0.0	66599.89844	323.19	0	48.854273	-86.940986	56128.87	56234.8	15.20	56144.07	56152.65234	56083.29622	56088.56250	504329.0	5411257.9
L4320.0	0.0	0.0	66600.00000	323.72	0	48.854259	-86.940985	56128.77	56234.8	15.20	56143.97	56152.58203	56081.47051	56086.73828	504329.1	5411256.3
L4320.0	0.0	0.0	66600.10156	321.98	0	48.854244	-86.940985	56128.92	56234.8	15.20	56144.12	56152.75781	56084.57827	56089.85156	504329.1	5411254.6
L4320.0	0.0	0.0	66600.20313	322.60	0	48.854244	-86.940985	56128.94	56234.8	15.20	56144.14	56152.80469	56084.11357	56089.38672	504329.1	5411254.6
L4320.0	0.0	0.0	66600.29688	323.39	0	48.854233	-86.940984	56129.14	56234.8	15.19	56144.33	56153.02344	56086.75581	56092.03125	504329.2	5411253.4
L4320.0	0.0	0.0	66600.39844	323.21	0	48.854218	-86.940983	56129.25	56234.8	15.19	56144.44	56153.16016	56086.95242	56092.22656	504329.2	5411251.7
L4320.0	0.0	0.0	66600.50000	322.11	0	48.854207	-86.940983	56129.30	56234.8	15.19	56144.49	56153.23438	56085.15062	56090.42578	504329.3	5411250.5
L4320.0	0.0	0.0	66600.60156	321.67	0	48.854207	-86.940983	56129.58	56234.8	15.19	56144.77	56153.53906	56087.80047	56093.07422	504329.3	5411250.5
L4320.0	0.0	0.0	66600.70313	322.03	0	48.854187	-86.940982	56129.75	56234.8	15.19	56144.93	56153.72266	56087.12504	56092.39453	504329.3	5411248.3
L4320.0	0.0	0.0	66600.79688	322.44	0	48.854187	-86.940982	56130.01	56234.8	15.18	56145.20	56154.01953	56088.26606	56093.53516	504329.3	5411248.3
L4320.0	0.0	0.0	66600.89844	322.11	0	48.854177	-86.940981	56130.16	56234.8	15.18	56145.34	56154.17969	56085.83538	56091.10156	504329.3	5411247.2
L4320.0	0.0	0.0	66601.00000	323.41	0	48.854177	-86.940981	56130.61	56234.8	15.18	56145.79	56154.65625	56089.84098	56095.10156	504329.3	5411247.2
L4320.0	0.0	0.0	66601.10156	324.53	0	48.854153	-86.940981	56130.82	56234.8	15.18	56146.00	56154.88672	56087.77772	56093.03516	504329.4	5411244.5
L4320.0	0.0	0.0	66601.20313	325.96	0	48.854153	-86.940981	56131.12	56234.8	15.18	56146.30	56155.21094	56087.19795	56092.44922	504329.4	5411244.5
L4320.0	0.0	0.0	66601.29688	327.95	0	48.854143	-86.940980	56131.47	56234.8	15.18	56146.65	56155.58203	56087.22925	56092.47656	504329.4	5411243.4
L4320.0	0.0	0.0	66601.39844	328.91	0	48.854131	-86.940980	56131.73	56234.8	15.18	56146.90	56155.85547	56084.34489	56089.58594	504329.5	5411242.1
L4320.0	0.0	0.0	66601.50000	329.59	0	48.854131	-86.940980	56132.26	56234.8	15.18	56147.43	56156.41016	56087.62254	56092.85547	504329.5	5411242.1
L4320.0	0.0	0.0	66601.50000	329.59	0	48.854117	-86.940980	56132.50	56234.8	15.18	56147.68	56156.67969	56083.67145	56088.89844	504329.5	5411240.5
L4320.0	0.0	0.0	66601.70313	328.41	0	48.854103	-86.940980	56133.05	56234.8	15.17	56148.22	56157.24219	56086.28213	56091.50000	504329.5	5411238.9
L4320.0	0.0	0.0	66601.79688	327.90	0	48.854091	-86.940980	56133.49	56234.8	15.17	56148.66	56157.70313	56083.62275	56088.83203	504329.5	5411237.7
L4320.0	0.0	0.0	66601.89844	329.42	0	48.854091	-86.940980	56134.54	56234.8	15.17	56149.71	56158.77344	56095.04967	56100.25000	504329.5	5411237.7
L4320.0	0.0	0.0	66602.00000	330.98	0	48.854078	-86.940980	56135.20	56234.8	15.17	56150.36	56159.44531	56098.99829	56104.19141	504329.5	5411236.2
L4320.0	0.0	0.0	66602.10156	331.67	0	48.854066	-86.940980	56135.97	56234.8	15.17	56151.14	56160.24609	56105.10644	56110.29297	504329.5	5411234.9
L4320.0	0.0	0.0	66602.20313	329.32	0	48.854066	-86.940980	56136.61	56234.8	15.17	56151.77	56160.89844	56108.21224	56113.38672	504329.5	5411234.9
L4320.0	0.0	0.0	66602.29688	329.44	0	48.854050	-86.940980	56136.84	56234.8	15.16	56152.00	56161.15234	56103.63979	56108.80469	504329.5	5411233.1
L4320.0	0.0	0.0	66602.39844	328.53	0	48.854040	-86.940980	56137.37	56234.8	15.16	56152.53	56161.70313	56104.35979	56109.51563	504329.4	5411232.0
L4320.0	0.0	0.0	66602.50000	329.12	0	48.854027	-86.940981	56137.90	56234.8	15.16	56153.06	56162.25391	56104.81952	56109.96484	504329.4	5411230.5
L4320.0	0.0	0.0	66602.60156	328.11	0	48.854027	-86.940981	56138.61	56234.8	15.16	56153.77	56162.98438	56108.35975	56113.49609	504329.4	5411230.5
L4320.0	0.0	0.0	66602.70313	329.44	0	48.854017	-86.940981	56139.31	56234.8	15.16	56154.47	56163.70703	56111.44497	56116.57031	504329.4	5411229.4
L4320.0	0.0	0.0	66602.79688	330.12	0	48.854003	-86.940981	56140.22	56234.8	15.15	56155.38	56164.63672	56118.13257	56123.25000	504329.4	5411227.9
L4320.0	0.0	0.0	66602.89844	327.49	0	48.853990	-86.940982	56140.95	56234.8	15.15	56156.10	56165.37891	56121.02623	56126.13281	504329.4	5411226.5
L4320.0	0.0	0.0	66603.00000	327.90	0	48.853990	-86.940982	56141.60	56234.8	15.15	56156.75	56166.05078	56122.36133	56127.45703	504329.4	5411226.5
L4320.0	0.0	0.0	66603.10156	328.72	0	48.853972	-86.940982	56142.42	56234.9	15.15	56157.57	56166.89453	56126.53491	56131.62109	504329.3	5411224.4
L4320.0	0.0	0.0	66603.20313	326.55	0	48.853962	-86.940983	56143.06	56234.9	15.15	56158.21	56167.55469	56127.15777	56132.23438	504329.3	5411223.3
L4320.0	0.0	0.0	66603.29688	324.96	0	48.853950	-86.940983	56143.90	56234.9	15.15	56159.05	56168.41797	56131.15148	56136.21875	504329.3	5411222.0
L4320.0	0.0	0.0	66603.39844	325.71	0	48.853950	-86.940983	56144.55	56234.9	15.15	56159.69	56169.08203	56132.59932	56137.65625	504329.3	5411222.0
L4320.0	0.0	0.0	66603.50000	326.04	0	48.853938	-86.940984	56145.38	56234.9	15.14	56160.53	56169.94531	56136.47868	56141.52734	504329.2	5411220.7
L4320.0	0.0	0.0	66603.60156	326.04	0	48.853938	-86.940984	56145.99	56234.9	15.14	56161.14	56170.57813	56134.48056	56139.51953	504329.2	5411220.7
L4320.0	0.0	0.0	66603.70313	327.22	0	48.853925	-86.940984	56146.98	56234.9	15.14	56162.12	56171.58203	56141.21610	56146.24609	504329.2	5411219.2
L4320.0	0.0	0.0	66603.79688	327.10	0	48.853910	-86.940984	56147.66	56234.9	15.14	56162.80	56172.28516	56140.43585	56145.45703	504329.2	5411217.5
L4320.0	0.0	0.0	66603.89844	326.77	0	48.853898	-86.940985	56148.60	56234.9	15.14	56163.74	56173.25000	56145.67784	56150.69141	504329.1	5411216.2
L4320.0	0.0	0.0	66604.00000	325.33	0	48.853898	-86.940985	56148.98	56234.9	15.14	56164.12	56173.65234	56137.29898	56142.30469	504329.1	5411216.2
L4320.0	0.0	0.0	66604.10156	326.94	0	48.853886	-86.940985	56149.88	56234.9	15.14	56165.01	56174.56641	56140.91359	56145.91016	504329.1	5411214.8
L4320.0	0.0	0.0	66604.20313	327.52	0	48.853874	-86.940986	56150.91	56234.9	15.13	56166.04	56175.62109	56147.62101	56152.60938	504329.1	5411213.5
L4320.0	0.0	0.0	66604.29688	326.18	0	48.853874	-86.940986	56151.93	56234.9	15.13	56167.05	56176.65625	56153.62146	56158.60156	504329.1	5411213.5
L4320.0	0.0	0.0	66604.39844	325.42	0	48.853859	-86.940986	56152.75	56234.9	15.12	56167.87	56177.50391	56154.94121	56159.91406	504329.0	5411211.9
L4320.0	0.0	0.0	66604.50000	325.51	0	48.853846	-86.940987	56153.17	56234.9	15.12	56168.29	56177.94922	56146.73011	56151.69922	504329.0	5411210.4
L4320.0	0.0	0.0	66604.60156	325.78	0	48.853834	-86.940987	56153.94	56234.9	15.12	56169.06	56178.74609	56146.57868	56151.53906	504329.0	5411209.1
L4320.0	0.0	0.0	66604.70313	326.16	0	48.853834	-86.940987	56154.59	56234.9	15.11	56169.71	56179.42188	56143.48932	56148.44531	504329.0	5411209.1
L4320.0	0.0	0.0	66604.79688	327.29	0	48.853822	-86.940988	56155.68	56234.9	15.11	56170.78	56180.51953	56149.99565	56154.94531	504328.9	5411207.8
L4320.0	0.0	0.0	66604.89844	327.70	0	48.853806	-86.940988	56156.59	56234.9	15.10	56171.69	56181.45703	56152.62751	56157.57031	504328.9	5411206.0
L4320.0	0.0	0.0	66605.00000	324.64	0	48.853806	-86.940988	56157.58	56234.9	15.10	56172.68	56182.47656	56156.94947	56161.89063	504328.9	5411206.0
L4320.0	0.0	0.0	66605.10156	325.16	0	48.853791	-86.940989	56158.32	56234.9	15.10	56173.42	56183.24609	56155.37965	56160.31641	504328.8	5411204.3
L4320.0	0.0	0.0	66605.20313	324.75	0	48.853780	-86.940989	56158.84	56234.9	15.10	56173.94	56183.79297	56148.64975	56153.58203	504328.8	5411203.1
L4320.0	0.0	0.0	66605.29688	323.67	0	48.853765	-86.940990	56159.42	56234.9	15.10	56174.52	56184.40625	56143.18796	56148.11719	504328.8	5411201.5
L4320.0	0.0	0.0	66605.39844	326.21	0	48.853765	-86.940990	56159.55	56234.9	15.10	56174.65	56184.56250	56127.32755	56132.25391	504328.8	5411201.5
L4320.0	0.0	0.0	66605.50000	325.46	0	48.853752	-86.940990	56160.48	56234.9	15.10	56175.58	56185.52344	56129.62406	56134.55078	504328.8	5411199.9
L4320.0	0.0	0.0	66605.50000	325.46	0	48.853735	-86.940990	56161.58	56234.9	15.10	56176.68	56186.65625	56135.67033	56140.59375	504328.8	5411198.1
L4320.0	0.0	0.0	66605.70313	325.21	0	48.853735	-86.940990	56163.07	56234.9	15.10	56178.17	56188.17578	56150.51717	56155.43750	504328.8	5411198.1
L4320.0	0.0	0.0	66605.79688	324.68	0	48.853723	-86.940990	56164.32	56234.9	15.10	56179.42	56189.45703	56159.79149	56164.71094	504328.8	5411196.7
L4320.0	0.0	0.0	66605.89844	323.71	0	48.853710	-86.940989	56165.46	56234.9	15.10	56180.56	56190.62891	56166.47135	56171.39453	504328.8	5411195.3
L4320.0	0.0	0.0	66606.00000	322.88	0	48.853710	-86.940989	56166.33	56234.9	15.10	56181.43	56191.53125	56166.87618	56171.79688	504328.8	5411195.3
L4320.0	0.0	0.0	66606.10156	324.63	0	48.853697	-86.940989	56167.24	56234.9	15.10	56182.34	56192.47656	56168.11788	56173.03906	504328.8	5411193.9
L4320.0	0.0	0.0	66606.20313	325.22	0	48.853680	-86.940989	56167.89	56234.9	15.10	56182.99	56193.16016	56163.27365	56168.19922	504328.8	5411192.0
L4320.0	0.0	0.0	66606.29688	325.26	0	48.853670	-86.940989	56169.04	56234.9	15.09	56184.13	56194.33203	56169.68960	56174.61719	504328.8	5411190.8
L4320.0	0.0	0.0	66606.39844	325.35	0	48.853670	-86.940989	56169.76	56234.9	15.09	56184.85	56195.08594	56166.30844	56171.23828	504328.8	5411190.8
L4320.0	0.0	0.0	66606.50000	325.18	0	48.853653	-86.940989	56170.76	56234.9	15.09	56185.85	56196.12109	56169.37573	56174.30859	504328.8	5411189.0
L4320.0	0.0	0.0	66606.60156	326.39	0	48.853641	-86.940990	56171.77	56234.9	15.09	56186.85	56197.15625	56172.40525	56177.33984	504328.8	5411187.6
L4320.0	0.0	0.0	66606.70313	327.30	0	48.853641	-86.940990	56172.90	56234.9	15.09	56187.98	56198.32031	56178.44491	56183.38281	504328.8	5411187.6
L4320.0	0.0	0.0	66606.79688	326.52	0	48.853629	-86.940990	56173.69	56234.9	15.08	56188.77	56199.14453	56176.49649	56181.43750	504328.8	5411186.3
L4320.0	0.0	0.0	66606.89844	326.32	0	48.853612	-86.940990	56174.58	56234.9	15.08	56189.66	56200.07031	56176.86081	56181.80859	504328.8	5411184.4
L4320.0	0.0	0.0	66607.00000	327.51	0	48.853612	-86.940990	56175.41	56234.9	15.08	56190.49	56200.93750	56175.79761	56180.75000	504328.8	5411184.4
L4320.0	0.0	0.0	66607.10156	329.85	0	48.853598	-86.940990	56176.42	56234.9	15.08	56191.50	56201.98047	56178.94549	56183.90234	504328.8	5411182.9
L4320.0	0.0	0.0	66607.20313	329.25	0	48.853584	-86.940990	56177.13	56234.9	15.08	56192.21	56202.72656	56175.05841	56180.02344	504328.8	5411181.3
L4320.0	0.0	0.0	66607.29688	326.62	0	48.853584	-86.940990	56177.84	56234.9	15.07	56192.91	56203.46484	56170.95772	56175.92578	504328.8	5411181.3
L4320.0	0.0	0.0	66607.39844	327.17	0	48.853570	-86.940990	56179.02	56234.9	15.07	56194.10	56204.69141	56178.31641	56183.29297	504328.8	5411179.7
L4320.0	0.0	0.0	66607.50000	326.09	0	48.853559	-86.940990	56180.39	56234.9	15.07	56195.46	56206.08594	56189.60463	56194.58594	504328.8	5411178.5
L4320.0	0.0	0.0	66607.50000	326.09	0	48.853559	-86.940990	56181.41	56234.9	15.07	56196.48	56207.14453	56192.96723	56197.95703	504328.8	5411178.5
L4320.0	0.0	0.0	66607.70313	325.91	0	48.853547	-86.940990	56182.52	56234.9	15.07	56197.59	56208.28906	56198.40992	56203.40625	504328.8	5411177.2
L4320.0	0.0	0.0	66607.79688	325.02	0	48.853531	-86.940990	56183.25	56234.9	15.06	56198.32	56209.05859	56195.11660	56200.12109	504328.8	5411175.4
L4320.0	0.0	0.0	66607.89844	326.57	0	48.853519	-86.940990	56184.03	56234.9	15.06	56199.09	56209.86328	56192.80978	56197.82422	504328.8	5411174.1
L4320.0	0.0	0.0	66608.00000	324.33	0	48.853506	-86.940990	56184.90	56234.9	15.06	56199.96	56210.76953	56192.85135	56197.87109	504328.8	5411172.7
L4320.0	0.0	0.0	66608.10156	323.42	0	48.853506	-86.940990	56185.68	56234.9	15.06	56200.74	56211.58984	56190.90833	56195.93750	504328.8	5411172.7
L4320.0	0.0	0.0	66608.20313	324.40	0	48.853491	-86.940990	56186.84	56234.9	15.06	56201.89	56212.77344	56197.40567	56202.44141	504328.8	5411170.9
L4320.0	0.0	0.0	66608.29688	324.00	0	48.853482	-86.940990	56188.02	56234.9	15.05	56203.07	56213.99219	56204.60448	56209.65234	504328.8	5411170.0

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4320.0	0.0	0.0	66608.39844	322.87	0	48.853482	-86.940990	56189.01	56234.9	15.05	56204.06	56215.01953	56207.57203	56212.62500	504328.8	5411170.0
L4320.0	0.0	0.0	66608.50000	323.11	0	48.853464	-86.940990	56190.04	56234.9	15.05	56205.09	56216.08594	56211.51130	56216.57422	504328.8	5411168.0
L4320.0	0.0	0.0	66608.60156	323.18	0	48.853454	-86.940990	56191.17	56235	15.05	56206.22	56217.25000	56217.77588	56222.84766	504328.8	5411166.8
L4320.0	0.0	0.0	66608.70313	324.23	0	48.853441	-86.940990	56192.03	56235	15.05	56207.08	56218.14844	56218.09017	56223.17188	504328.8	5411165.4
L4320.0	0.0	0.0	66608.79688	324.93	0	48.853441	-86.940990	56192.93	56235	15.04	56207.98	56219.08203	56219.41117	56224.50000	504328.8	5411165.4
L4320.0	0.0	0.0	66608.89844	323.78	0	48.853428	-86.940991	56193.88	56235	15.04	56208.93	56220.07031	56221.97070	56227.07031	504328.7	5411164.0
L4320.0	0.0	0.0	66609.00000	322.07	0	48.853414	-86.940991	56194.82	56235	15.04	56209.86	56221.03516	56224.20807	56229.31641	504328.7	5411162.4
L4320.0	0.0	0.0	66609.10156	322.48	0	48.853414	-86.940991	56195.68	56235	15.04	56210.72	56221.92969	56225.00406	56230.12109	504328.7	5411162.4
L4320.0	0.0	0.0	66609.20313	325.74	0	48.853414	-86.940991	56196.45	56235	15.04	56211.49	56222.73438	56223.90698	56229.03125	504328.7	5411162.4
L4320.0	0.0	0.0	66609.29688	327.41	0	48.853395	-86.940991	56197.16	56235	15.04	56212.21	56223.48828	56221.81506	56226.94922	504328.7	5411160.2
L4320.0	0.0	0.0	66609.39844	327.78	0	48.853381	-86.940992	56198.11	56235	15.04	56213.15	56224.46094	56224.82557	56229.96875	504328.7	5411158.7
L4320.0	0.0	0.0	66609.50000	325.52	0	48.853371	-86.940992	56199.14	56235	15.04	56214.18	56225.52734	56230.02426	56235.17188	504328.7	5411157.6
L4320.0	0.0	0.0	66609.60156	325.52	0	48.853371	-86.940992	56199.87	56235	15.05	56214.91	56226.28906	56228.59707	56233.75391	504328.7	5411157.6
L4320.0	0.0	0.0	66609.70313	325.35	0	48.853357	-86.940992	56200.66	56235	15.05	56215.71	56227.12109	56228.90791	56234.07422	504328.6	5411156.0
L4320.0	0.0	0.0	66609.79688	326.99	0	48.853341	-86.940993	56201.32	56235	15.05	56216.37	56227.81250	56226.21080	56231.38281	504328.6	5411154.3
L4320.0	0.0	0.0	66609.89844	327.63	0	48.853326	-86.940993	56202.02	56235	15.05	56217.07	56228.54297	56224.58659	56229.76563	504328.6	5411152.7
L4320.0	0.0	0.0	66610.00000	326.78	0	48.853326	-86.940993	56203.06	56234.9	15.05	56218.11	56229.61328	56230.81571	56236.00391	504328.6	5411152.7
L4320.0	0.0	0.0	66610.10156	325.19	0	48.853315	-86.940994	56203.59	56235	15.05	56218.64	56230.17188	56225.70450	56230.89844	504328.5	5411151.3
L4320.0	0.0	0.0	66610.20313	324.87	0	48.853315	-86.940994	56204.57	56235	15.05	56219.61	56231.17188	56230.68609	56235.88672	504328.5	5411151.3
L4320.0	0.0	0.0	66610.29688	325.42	0	48.853300	-86.940994	56205.38	56235	15.04	56220.43	56232.01953	56232.46021	56237.66406	504328.5	5411149.7
L4320.0	0.0	0.0	66610.39844	326.12	0	48.853292	-86.940994	56205.96	56235	15.04	56221.01	56232.62500	56229.05441	56234.26563	504328.5	5411148.8
L4320.0	0.0	0.0	66610.50000	326.01	0	48.853280	-86.940995	56206.40	56235	15.04	56221.44	56233.08203	56222.53967	56227.75391	504328.5	5411147.5
L4320.0	0.0	0.0	66610.60156	322.72	0	48.853268	-86.940995	56207.27	56235	15.04	56222.31	56233.97656	56225.99993	56231.21875	504328.5	5411146.1
L4320.0	0.0	0.0	66610.70313	323.42	0	48.853257	-86.940995	56208.23	56235	15.04	56223.26	56234.95313	56231.37611	56236.59766	504328.4	5411144.9
L4320.0	0.0	0.0	66610.79688	323.31	0	48.853257	-86.940995	56209.04	56235	15.03	56224.07	56235.78516	56233.83032	56239.05469	504328.4	5411144.9
L4320.0	0.0	0.0	66610.89844	323.02	0	48.853246	-86.940995	56209.92	56235	15.03	56224.95	56236.68750	56237.97133	56243.19922	504328.4	5411143.7
L4320.0	0.0	0.0	66611.00000	323.71	0	48.853246	-86.940995	56210.84	56235	15.03	56225.87	56237.62891	56243.12509	56248.35156	504328.4	5411143.7
L4320.0	0.0	0.0	66611.10156	323.66	0	48.853229	-86.940995	56211.76	56235	15.03	56226.79	56238.57031	56248.42263	56253.65234	504328.4	5411141.9
L4320.0	0.0	0.0	66611.20313	322.62	0	48.853216	-86.940995	56212.09	56235	15.03	56227.12	56238.92188	56241.27114	56246.50000	504328.4	5411140.4
L4320.0	0.0	0.0	66611.29688	323.21	0	48.853216	-86.940995	56212.65	56235	15.03	56227.68	56239.50000	56239.27619	56244.50781	504328.4	5411140.4
L4320.0	0.0	0.0	66611.39844	322.47	0	48.853200	-86.940996	56213.07	56235	15.03	56228.09	56239.92578	56234.31285	56239.54297	504328.4	5411138.6
L4320.0	0.0	0.0	66611.50000	323.60	0	48.853187	-86.940996	56213.81	56235	15.02	56228.83	56240.67969	56236.54860	56241.77344	504328.4	5411137.2
L4320.0	0.0	0.0	66611.60156	323.60	0	48.853173	-86.940996	56214.52	56235	15.02	56229.54	56241.40625	56238.33294	56243.55469	504328.4	5411135.6
L4320.0	0.0	0.0	66611.70313	325.88	0	48.853173	-86.940996	56215.15	56235	15.02	56230.17	56242.04688	56238.61182	56243.83203	504328.4	5411135.6
L4320.0	0.0	0.0	66611.79688	322.24	0	48.853157	-86.940996	56215.75	56235	15.02	56230.77	56242.66016	56238.43866	56243.65625	504328.4	5411133.8
L4320.0	0.0	0.0	66611.89844	320.04	0	48.853144	-86.940996	56216.47	56235	15.02	56231.49	56243.39063	56240.99168	56246.20313	504328.4	5411132.4
L4320.0	0.0	0.0	66612.00000	317.77	0	48.853144	-86.940996	56217.17	56235	15.02	56232.19	56244.10156	56243.30938	56248.51172	504328.4	5411132.4
L4320.0	0.0	0.0	66612.10156	320.30	0	48.853129	-86.940996	56217.79	56235	15.02	56232.81	56244.73047	56244.10317	56249.29688	504328.4	5411130.8
L4320.0	0.0	0.0	66612.20313	321.97	0	48.853115	-86.940996	56218.42	56235	15.02	56233.44	56245.36328	56245.28555	56250.47266	504328.4	5411129.1
L4320.0	0.0	0.0	66612.29688	321.31	0	48.853115	-86.940996	56219.09	56235	15.02	56234.11	56246.03906	56247.50754	56252.68750	504328.4	5411129.1
L4320.0	0.0	0.0	66612.39844	322.92	0	48.853102	-86.940996	56219.79	56235	15.02	56234.81	56246.74219	56250.56550	56255.73438	504328.4	5411127.8
L4320.0	0.0	0.0	66612.50000	323.64	0	48.853092	-86.940996	56220.42	56235	15.02	56235.44	56247.37500	56252.27717	56257.43359	504328.4	5411126.7
L4320.0	0.0	0.0	66612.60156	324.83	0	48.853080	-86.940996	56220.72	56235	15.02	56235.74	56247.67578	56246.86987	56252.01172	504328.4	5411125.3
L4320.0	0.0	0.0	66612.70313	326.33	0	48.853080	-86.940996	56221.53	56235	15.02	56236.55	56248.48438	56252.86616	56257.99609	504328.4	5411125.3
L4320.0	0.0	0.0	66612.79688	326.38	0	48.853066	-86.940996	56222.20	56235	15.02	56237.22	56249.15234	56255.94433	56261.06250	504328.4	5411123.8
L4320.0	0.0	0.0	66612.89844	326.42	0	48.853055	-86.940995	56222.94	56235	15.02	56237.96	56249.89063	56260.76866	56265.86719	504328.4	5411122.5
L4320.0	0.0	0.0	66613.00000	326.07	0	48.853040	-86.940995	56223.47	56235	15.02	56238.49	56250.41406	56261.01787	56266.10156	504328.4	5411120.8
L4320.0	0.0	0.0	66613.10156	324.81	0	48.853040	-86.940995	56223.79	56235	15.02	56238.80	56250.71484	56256.37043	56261.43359	504328.4	5411120.8
L4320.0	0.0	0.0	66613.20313	324.64	0	48.853025	-86.940995	56223.95	56235	15.02	56238.97	56250.87891	56248.57281	56253.61719	504328.5	5411119.2
L4320.0	0.0	0.0	66613.29688	324.17	0	48.853025	-86.940995	56224.36	56235	15.01	56239.38	56251.27734	56246.33273	56251.35938	504328.5	5411119.2
L4320.0	0.0	0.0	66613.39844	326.24	0	48.853013	-86.940995	56224.88	56235	15.01	56239.89	56251.77344	56246.49348	56251.49609	504328.5	5411117.8
L4320.0	0.0	0.0	66613.50000	328.36	0	48.852997	-86.940995	56225.64	56235	15.01	56240.65	56252.51953	56252.56855	56257.54688	504328.5	5411116.0
L4320.0	0.0	0.0	66613.60156	328.36	0	48.852982	-86.940994	56226.23	56235	15.01	56241.24	56253.09766	56254.82027	56259.77734	504328.5	5411114.4
L4320.0	0.0	0.0	66613.70313	332.27	0	48.852982	-86.940994	56226.75	56235	15.01	56241.75	56253.58984	56255.30499	56260.23438	504328.5	5411114.4
L4320.0	0.0	0.0	66613.79688	331.43	0	48.852966	-86.940994	56227.20	56235	15.00	56242.20	56254.01953	56254.47171	56259.37891	504328.5	5411112.6
L4320.0	0.0	0.0	66613.89844	329.30	0	48.852951	-86.940994	56227.43	56235	15.00	56242.44	56254.23828	56248.79373	56253.67188	504328.5	5411111.0
L4320.0	0.0	0.0	66614.00000	328.62	0	48.852951	-86.940994	56228.01	56235	15.00	56243.01	56254.78906	56250.93278	56255.78125	504328.5	5411111.0
L4320.0	0.0	0.0	66614.10156	326.74	0	48.852943	-86.940994	56228.50	56235	15.00	56243.50	56255.25391	56251.27510	56256.08984	504328.5	5411110.1
L4320.0	0.0	0.0	66614.20313	325.42	0	48.852930	-86.940994	56228.96	56235	15.00	56243.96	56255.68750	56250.98860	56255.77344	504328.5	5411108.6
L4320.0	0.0	0.0	66614.29688	325.21	0	48.852920	-86.940994	56229.53	56235	15.00	56244.53	56256.23047	56253.35847	56258.11328	504328.5	5411107.5
L4320.0	0.0	0.0	66614.39844	325.82	0	48.852920	-86.940994	56230.08	56235	15.00	56245.07	56256.74219	56255.09189	56259.81250	504328.5	5411107.5
L4320.0	0.0	0.0	66614.50000	325.66	0	48.852902	-86.940994	56230.50	56235	14.99	56245.49	56257.13281	56254.07028	56258.75391	504328.6	5411105.4
L4320.0	0.0	0.0	66614.60156	325.53	0	48.852890	-86.940994	56231.14	56235	14.99	56246.13	56257.73828	56258.27931	56262.92578	504328.6	5411104.1
L4320.0	0.0	0.0	66614.70313	323.27	0	48.852890	-86.940994	56231.62	56235	14.99	56246.61	56258.18359	56258.78732	56263.39844	504328.6	5411104.1
L4320.0	0.0	0.0	66614.79688	323.45	0	48.852876	-86.940993	56232.20	56235	14.99	56247.19	56258.72656	56261.70099	56266.27344	504328.6	5411102.5
L4320.0	0.0	0.0	66614.89844	325.67	0	48.852876	-86.940993	56232.56	56235	14.99	56247.55	56259.05078	56259.49012	56264.02344	504328.6	5411102.5
L4320.0	0.0	0.0	66615.00000	327.27	0	48.852860	-86.940993	56233.25	56235	14.99	56248.24	56259.70313	56265.09098	56269.58203	504328.6	5411100.8
L4320.0	0.0	0.0	66615.10156	327.77	0	48.852847	-86.940993	56233.33	56235	14.99	56248.32	56259.74219	56256.36891	56260.81641	504328.6	5411099.4
L4320.0	0.0	0.0	66615.20313	326.56	0	48.852847	-86.940993	56233.82	56235	14.99	56248.81	56260.18750	56257.33783	56261.74219	504328.6	5411099.4
L4320.0	0.0	0.0	66615.29688	322.76	0	48.852832	-86.940993	56234.26	56235	14.99	56249.25	56260.58594	56257.16255	56261.52344	504328.6	5411097.6
L4320.0	0.0	0.0	66615.39844	322.07	0	48.852819	-86.940993	56234.99	56235	14.99	56249.98	56261.26953	56263.85489	56268.16797	504328.6	5411096.3
L4320.0	0.0	0.0	66615.50000	326.47	0	48.852819	-86.940993	56235.54	56235	14.99	56250.53	56261.76953	56266.33139	56270.59766	504328.6	5411096.3
L4320.0	0.0	0.0	66615.60156	326.47	0	48.852803	-86.940993	56236.11	56235	14.99	56251.10	56262.29297	56269.30256	56273.51563	504328.6	5411094.4
L4320.0	0.0	0.0	66615.70313	327.16	0	48.852788	-86.940993	56236.18	56235	14.99	56251.17	56262.31250	56260.51338	56264.67969	504328.6	5411092.8
L4320.0	0.0	0.0	66615.79688	326.39	0	48.852775	-86.940993	56236.67	56235	14.99	56251.66	56262.75000	56261.64273	56265.75781	504328.6	5411091.4
L4320.0	0.0	0.0	66615.89844	327.26	0	48.852775	-86.940993	56237.23	56235	14.99	56252.22	56263.25391	56264.43621	56268.50000	504328.6	5411091.4
L4320.0	0.0	0.0	66616.00000	325.92	0	48.852759	-86.940993	56237.76	56235	14.99	56252.75	56263.73047	56266.53631	56270.54688	504328.7	5411089.6
L4320.0	0.0	0.0	66616.10156	327.25	0	48.852759	-86.940993	56238.44	56235	14.99	56253.43	56264.35156	56272.16730	56276.12109	504328.7	5411089.6
L4320.0	0.0	0.0	66616.20313	326.62	0	48.852745	-86.940993	56238.81	56235	14.99	56253.80	56264.66406	56270.53111	56274.42969	504328.7	5411088.0
L4320.0	0.0	0.0	66616.29688	326.53	0	48.852731	-86.940993	56239.22	56235	14.99	56254.21	56265.01563	56269.84937	56273.69531	504328.7	5411086.5
L4320.0	0.0	0.0	66616.39844	326.64	0	48.852719	-86.940993	56239.53	56235	14.99	56254.52	56265.26172	56266.84490	56270.63281	504328.7	5411085.1
L4320.0	0.0	0.0	66616.50000	325.21	0	48.852719	-86.940993	56239.71	56235	14.99	56254.70	56265.37891	56260.82444	56264.55078	504328.7	5411085.1
L4320.0	0.0	0.0	66616.60156	325.21	0	48.852705	-86.940993	56239.88	56235	14.99	56254.87	56265.48828	56254.59459	56258.26172	504328.7	5411083.6
L4320.0	0.0	0.0	66616.70313	325.42	0	48.852705	-86.940993	56240.27	56235	14.99	56255.26	56265.81250	56253.51334	56257.11719	504328.7	5411083.6
L4320.0	0.0	0.0	66616.79688	325.88	0	48.852693	-86.940993	56240.75	56235	14.99	56255.74	56266.22266	56254.53764	56258.08203	504328.7	5411082.3
L4320.0	0.0	0.0	66616.89844	324.63	0	48.852680	-86.940993	56241.18	56235	14.99	56256.17	56266.58594	56254.40244	56257.88281	504328.7	5411080.8
L4320.0	0.0	0.0	66617.00000	325.07	0	48.852666	-86.940993	56241.88	56235	14.99	56256.87	56267.21875	56260.56121	56263.97656	504328.6	5411079.2
L4320.0	0.0	0.0	66617.10156	326.36	0	48.852666	-86.940993	56242.21	56235	14.99	56257.19	56267.46484	56257.87304	56261.22266	504328.6	5411079.2
L4320.0	0.0	0.0	66617.20313	325.18	0	48.852649	-86.940993	56242.70	56235	14.98	56257.68	56267.88281	56259.14962	56262.43359	504328.6	5411077.4
L4320.0	0.0	0.0	66617.29688	326.10	0	48.852637	-86.940993	56243.10	56235	14.98	56258.08	56268.21094	56258.33007	56261.54688	504328.6	5411076.0
L4320.0	0.0	0.0	66617.39844	326.25	0	48.852637	-86.940993	56243.61	56235	14.98	56258.59	56268.64844	56260.08189	56263.23438	504328.6	5411076.0
L4320.0	0.0	0.0	66617.50000	325.93	0	48.852620	-86.940994	56244.27	56235	14.97	56259.24	56269.22266	56265.12200	56268.20313	504328.6	5411074.1
L4320.0	0.0	0.0	66617.60156	325.93	0	48.852608	-86.940994	56245.07	56235	14.97	56260.04	56269.94531	56273.71114	56276.72266	504328.6	5411072.8

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4320.0	0.0	0.0	66617.70313	322.98	0	48.852608	-86.940994	56246.01	56235	14.97	56260.98	56270.80859	56285.64963	56288.58984	504328.6	5411072.8
L4320.0	0.0	0.0	66617.79688	323.77	0	48.852593	-86.940994	56246.57	56235	14.97	56261.53	56271.28125	56288.44757	56291.31641	504328.6	5411071.2
L4320.0	0.0	0.0	66617.89844	326.66	0	48.852581	-86.940995	56246.86	56235	14.96	56261.82	56271.49219	56285.09931	56287.89453	504328.5	5411069.8
L4320.0	0.0	0.0	66618.00000	327.01	0	48.852581	-86.940995	56246.77	56235	14.96	56261.73	56271.32031	56272.68088	56275.40234	504328.5	5411069.8
L4320.0	0.0	0.0	66618.10156	328.09	0	48.852565	-86.940995	56247.16	56235	14.96	56262.12	56271.62891	56271.63652	56274.28125	504328.5	5411068.0
L4320.0	0.0	0.0	66618.20313	326.25	0	48.852552	-86.940995	56247.85	56235	14.96	56262.81	56272.23438	56277.77197	56280.34375	504328.5	5411066.5
L4320.0	0.0	0.0	66618.29688	327.74	0	48.852552	-86.940995	56247.95	56235	14.96	56262.91	56272.25391	56269.74991	56272.24609	504328.5	5411066.5
L4320.0	0.0	0.0	66618.39844	325.79	0	48.852537	-86.940996	56248.51	56235	14.96	56263.47	56272.73047	56272.76998	56275.18750	504328.5	5411064.9
L4320.0	0.0	0.0	66618.50000	327.23	0	48.852526	-86.940996	56249.07	56235	14.96	56264.03	56273.20703	56275.80162	56278.14063	504328.4	5411063.7
L4320.0	0.0	0.0	66618.60156	325.98	0	48.852512	-86.940996	56249.82	56235	14.96	56264.78	56273.87109	56283.45509	56285.71484	504328.4	5411062.1
L4320.0	0.0	0.0	66618.70313	324.32	0	48.852512	-86.940996	56250.14	56235	14.96	56265.10	56274.10547	56280.66887	56282.84766	504328.4	5411062.1
L4320.0	0.0	0.0	66618.79688	325.25	0	48.852497	-86.940997	56250.36	56235	14.96	56265.32	56274.23828	56275.41808	56277.51953	504328.4	5411060.5
L4320.0	0.0	0.0	66618.89844	326.17	0	48.852483	-86.940997	56251.13	56235	14.96	56266.09	56274.92188	56283.56702	56285.58984	504328.3	5411058.9
L4320.0	0.0	0.0	66619.00000	328.65	0	48.852483	-86.940997	56251.70	56235	14.96	56266.66	56275.40234	56286.82944	56288.76563	504328.3	5411058.9
L4320.0	0.0	0.0	66619.10156	328.74	0	48.852471	-86.940998	56251.96	56235	14.96	56266.92	56275.57422	56282.50150	56284.35547	504328.3	5411057.5
L4320.0	0.0	0.0	66619.20313	328.26	0	48.852456	-86.940998	56251.93	56235	14.96	56266.89	56275.45703	56271.07831	56272.84766	504328.3	5411055.9
L4320.0	0.0	0.0	66619.29688	326.98	0	48.852456	-86.940998	56252.34	56235	14.96	56267.30	56275.77734	56270.39975	56272.08594	504328.3	5411055.9
L4320.0	0.0	0.0	66619.39844	326.80	0	48.852443	-86.940999	56252.88	56235	14.96	56267.84	56276.22656	56272.88428	56274.48828	504328.2	5411054.4
L4320.0	0.0	0.0	66619.50000	329.62	0	48.852432	-86.940999	56253.61	56235	14.96	56268.57	56276.86719	56279.97814	56281.49609	504328.2	5411053.2
L4320.0	0.0	0.0	66619.50000	329.62	0	48.852420	-86.940999	56254.40	56235	14.96	56269.36	56277.56641	56288.49769	56289.92578	504328.2	5411051.9
L4320.0	0.0	0.0	66619.60156	329.75	0	48.852420	-86.940999	56254.95	56235	14.96	56269.90	56278.01563	56290.91463	56292.25391	504328.2	5411051.9
L4320.0	0.0	0.0	66619.70313	328.08	0	48.852396	-86.941000	56255.55	56235	14.96	56270.51	56278.53516	56295.00535	56296.26172	504328.1	5411049.3
L4320.0	0.0	0.0	66619.79688	326.95	0	48.852396	-86.941000	56255.81	56235	14.96	56270.76	56278.69531	56290.37910	56291.54688	504328.1	5411049.3
L4320.0	0.0	0.0	66619.89844	326.57	0	48.852382	-86.941001	56256.25	56235	14.96	56271.21	56279.05469	56290.58097	56291.65625	504328.1	5411047.7
L4320.0	0.0	0.0	66620.00000	326.43	0	48.852382	-86.941001	56256.53	56235	14.96	56271.49	56279.24219	56286.68938	56287.67578	504328.1	5411047.7
L4320.0	0.0	0.0	66620.10156	326.01	0	48.852367	-86.941001	56257.11	56235	14.96	56272.07	56279.73047	56289.99721	56290.89063	504328.0	5411046.0
L4320.0	0.0	0.0	66620.20313	327.31	0	48.852367	-86.941001	56257.49	56235	14.96	56272.45	56280.01953	56288.49995	56289.30469	504328.0	5411046.0
L4320.0	0.0	0.0	66620.39844	325.26	0	48.852351	-86.941002	56257.70	56235	14.96	56272.66	56280.13672	56282.94857	56283.66016	504328.0	5411044.2
L4320.0	0.0	0.0	66620.50000	324.70	0	48.852336	-86.941003	56258.31	56235	14.96	56273.27	56280.65625	56286.92873	56287.54688	504328.0	5411042.6
L4320.0	0.0	0.0	66620.60156	325.93	0	48.852323	-86.941003	56258.52	56235	14.96	56273.48	56280.77344	56281.39104	56281.91406	504327.9	5411041.2
L4320.0	0.0	0.0	66620.70313	325.82	0	48.852323	-86.941003	56258.94	56235	14.96	56273.90	56281.10156	56280.84063	56281.27344	504327.9	5411041.2
L4320.0	0.0	0.0	66620.79688	323.56	0	48.852307	-86.941004	56259.36	56235	14.96	56274.32	56281.43359	56280.28320	56280.62109	504327.9	5411039.3
L4320.0	0.0	0.0	66620.89844	325.56	0	48.852294	-86.941004	56260.05	56235	14.96	56275.01	56282.03125	56286.07119	56286.31250	504327.8	5411037.9
L4320.0	0.0	0.0	66621.00000	327.94	0	48.852294	-86.941004	56260.73	56235	14.96	56275.69	56282.62109	56291.58051	56291.72656	504327.8	5411037.9
L4320.0	0.0	0.0	66621.10156	328.58	0	48.852278	-86.941005	56261.45	56235	14.96	56276.41	56283.25000	56297.98087	56298.03125	504327.8	5411036.1
L4320.0	0.0	0.0	66621.20313	329.06	0	48.852278	-86.941005	56262.24	56235	14.96	56277.20	56283.94922	56305.96158	56305.91406	504327.8	5411036.1
L4320.0	0.0	0.0	66621.29688	328.69	0	48.852265	-86.941005	56262.41	56235	14.95	56277.36	56284.01953	56299.23735	56299.09375	504327.8	5411034.7
L4320.0	0.0	0.0	66621.39844	327.51	0	48.852253	-86.941006	56262.47	56235	14.95	56277.42	56283.98828	56290.22858	56289.98828	504327.7	5411033.3
L4320.0	0.0	0.0	66621.50000	325.27	0	48.852241	-86.941006	56262.93	56235.1	14.95	56277.88	56284.35938	56290.50356	56290.16016	504327.7	5411032.0
L4320.0	0.0	0.0	66621.50000	325.27	0	48.852241	-86.941006	56263.75	56235.1	14.95	56278.70	56285.08984	56299.05065	56298.60938	504327.7	5411032.0
L4320.0	0.0	0.0	66621.70313	325.60	0	48.852226	-86.941006	56264.28	56235.1	14.95	56279.22	56285.52344	56300.64949	56300.10547	504327.7	5411030.4
L4320.0	0.0	0.0	66621.79688	326.63	0	48.852215	-86.941006	56264.36	56235.1	14.94	56279.30	56285.51563	56292.16983	56291.52734	504327.7	5411029.1
L4320.0	0.0	0.0	66621.89844	327.45	0	48.852202	-86.941007	56264.46	56235.1	14.94	56279.40	56285.52734	56284.19365	56283.45313	504327.7	5411027.7
L4320.0	0.0	0.0	66622.00000	326.28	0	48.852202	-86.941007	56264.97	56235.1	14.94	56279.91	56285.94922	56285.56959	56284.72656	504327.7	5411027.7
L4320.0	0.0	0.0	66622.10156	324.70	0	48.852188	-86.941007	56265.43	56235.1	14.94	56280.38	56286.33203	56286.02275	56285.07422	504327.7	5411026.1
L4320.0	0.0	0.0	66622.20313	323.04	0	48.852172	-86.941007	56265.79	56235.1	14.94	56280.73	56286.59766	56283.75868	56282.70703	504327.7	5411024.4
L4320.0	0.0	0.0	66622.29688	322.60	0	48.852172	-86.941007	56266.40	56235.1	14.94	56281.34	56287.12109	56287.34842	56286.19531	504327.7	5411024.4
L4320.0	0.0	0.0	66622.39844	322.88	0	48.852160	-86.941007	56267.06	56235.1	14.94	56282.00	56287.69531	56292.03696	56290.78125	504327.7	5411023.0
L4320.0	0.0	0.0	66622.50000	323.57	0	48.852148	-86.941007	56267.48	56235.1	14.94	56282.42	56288.03125	56291.32636	56289.96484	504327.7	5411021.7
L4320.0	0.0	0.0	66622.60156	325.80	0	48.852129	-86.941007	56268.24	56235.1	14.95	56283.18	56288.70703	56298.22581	56296.75781	504327.7	5411019.6
L4320.0	0.0	0.0	66622.70313	324.50	0	48.852129	-86.941007	56268.85	56235.1	14.95	56283.79	56289.23438	56301.76068	56300.18750	504327.7	5411019.6
L4320.0	0.0	0.0	66622.79688	324.48	0	48.852119	-86.941007	56269.23	56235.1	14.95	56284.18	56289.54297	56300.37537	56298.69922	504327.7	5411018.4
L4320.0	0.0	0.0	66622.89844	323.37	0	48.852119	-86.941007	56269.36	56235.1	14.95	56284.31	56289.58984	56293.16378	56291.37891	504327.7	5411018.4
L4320.0	0.0	0.0	66623.00000	321.09	0	48.852105	-86.941006	56269.98	56235.1	14.95	56284.93	56290.12891	56296.93078	56295.03906	504327.7	5411016.8
L4320.0	0.0	0.0	66623.10156	320.00	0	48.852090	-86.941006	56270.43	56235.1	14.95	56285.38	56290.49609	56296.88555	56294.88672	504327.7	5411015.2
L4320.0	0.0	0.0	66623.20313	323.80	0	48.852075	-86.941006	56271.18	56235.1	14.95	56286.12	56291.16016	56303.38446	56301.27734	504327.7	5411013.6
L4320.0	0.0	0.0	66623.29688	324.16	0	48.852075	-86.941006	56271.38	56235.1	14.95	56286.33	56291.28906	56297.91833	56295.70313	504327.7	5411013.6
L4320.0	0.0	0.0	66623.39844	323.96	0	48.852061	-86.941006	56271.71	56235.1	14.95	56286.65	56291.53125	56294.91073	56292.58984	504327.7	5411012.0
L4320.0	0.0	0.0	66623.50000	324.12	0	48.852061	-86.941006	56272.02	56235.1	14.94	56286.96	56291.76563	56291.64794	56289.21484	504327.7	5411012.0
L4320.0	0.0	0.0	66623.60156	324.12	0	48.852047	-86.941006	56272.89	56235.1	14.94	56287.83	56292.55859	56301.17598	56298.63281	504327.7	5411010.4
L4320.0	0.0	0.0	66623.70313	324.83	0	48.852030	-86.941006	56273.54	56235.1	14.94	56288.48	56293.13281	56305.70913	56303.05469	504327.7	5411008.5
L4320.0	0.0	0.0	66623.79688	326.32	0	48.852030	-86.941006	56274.39	56235.1	14.94	56289.33	56293.90625	56314.86701	56312.10547	504327.7	5411008.5
L4320.0	0.0	0.0	66623.89844	327.27	0	48.852016	-86.941007	56275.11	56235.1	14.94	56290.05	56294.55469	56321.05623	56318.18359	504327.7	5411007.0
L4320.0	0.0	0.0	66624.00000	328.61	0	48.851999	-86.941007	56275.38	56235.1	14.94	56290.32	56294.75000	56316.84444	56313.85938	504327.7	5411005.1
L4320.0	0.0	0.0	66624.10156	327.06	0	48.851999	-86.941007	56275.61	56235.1	14.94	56290.55	56294.90625	56311.68048	56308.58203	504327.7	5411005.1
L4320.0	0.0	0.0	66624.20313	328.32	0	48.851987	-86.941007	56275.92	56235.1	14.94	56290.86	56295.14453	56308.35270	56305.14063	504327.7	5411003.8
L4320.0	0.0	0.0	66624.29688	327.62	0	48.851968	-86.941008	56276.46	56235.1	14.94	56291.40	56295.61328	56310.34185	56307.01953	504327.6	5411001.7
L4320.0	0.0	0.0	66624.39844	327.59	0	48.851968	-86.941008	56276.89	56235.1	14.94	56291.83	56295.97656	56309.78212	56306.34766	504327.6	5411001.7
L4320.0	0.0	0.0	66624.50000	325.78	0	48.851957	-86.941008	56277.58	56235.1	14.94	56292.52	56296.59766	56315.21682	56311.66797	504327.6	5411000.4
L4320.0	0.0	0.0	66624.60156	326.45	0	48.851943	-86.941009	56278.37	56235.1	14.94	56293.31	56297.32031	56322.92388	56319.26172	504327.5	5410998.8
L4320.0	0.0	0.0	66624.70313	324.75	0	48.851928	-86.941009	56279.04	56235.1	14.94	56293.98	56297.92188	56327.83643	56324.05859	504327.5	5410997.2
L4320.0	0.0	0.0	66624.79688	324.60	0	48.851928	-86.941009	56279.28	56235.1	14.94	56294.22	56298.09375	56322.90803	56319.01953	504327.5	5410997.2
L4320.0	0.0	0.0	66624.89844	326.00	0	48.851913	-86.941010	56279.80	56235.1	14.94	56294.74	56298.55078	56324.39483	56320.39063	504327.5	5410995.6
L4320.0	0.0	0.0	66625.00000	325.24	0	48.851897	-86.941011	56280.06	56235.1	14.94	56295.00	56298.74609	56320.00627	56315.88672	504327.4	5410993.7
L4320.0	0.0	0.0	66625.10156	325.25	0	48.851897	-86.941011	56280.46	56235.1	14.94	56295.40	56299.08203	56318.83587	56314.60156	504327.4	5410993.7
L4320.0	0.0	0.0	66625.20313	325.53	0	48.851897	-86.941011	56280.63	56235.1	14.94	56295.57	56299.18750	56312.54748	56308.19922	504327.4	5410993.7
L4320.0	0.0	0.0	66625.29688	324.46	0	48.851880	-86.941011	56280.94	56235.1	14.94	56295.88	56299.43750	56309.47407	56305.01172	504327.4	5410991.8
L4320.0	0.0	0.0	66625.39844	323.69	0	48.851864	-86.941012	56281.61	56235.1	14.94	56296.55	56300.04688	56314.47884	56309.89844	504327.3	5410990.1
L4320.0	0.0	0.0	66625.50000	322.58	0	48.851852	-86.941012	56282.25	56235.1	14.94	56297.19	56300.62500	56318.82951	56314.13672	504327.3	5410988.8
L4320.0	0.0	0.0	66625.60156	322.58	0	48.851852	-86.941012	56282.58	56235.1	14.94	56297.52	56300.89844	56316.33974	56311.53125	504327.3	5410988.8
L4320.0	0.0	0.0	66625.70313	323.15	0	48.851838	-86.941012	56283.02	56235.1	14.94	56297.96	56301.28125	56316.34388	56311.41797	504327.3	5410987.2
L4320.0	0.0	0.0	66625.79688	321.93	0	48.851824	-86.941012	56283.57	56235.1	14.94	56298.51	56301.77344	56318.83341	56313.79297	504327.3	5410985.6
L4320.0	0.0	0.0	66625.89844	322.72	0	48.851824	-86.941012	56284.09	56235.1	14.94	56299.03	56302.23438	56320.71680	56315.55859	504327.3	5410985.6
L4320.0	0.0	0.0	66626.00000	324.44	0	48.851810	-86.941012	56284.67	56235.1	14.94	56299.61	56302.76172	56323.98925	56318.71484	504327.3	5410984.1
L4320.0	0.0	0.0	66626.10156	324.58	0	48.851810	-86.941012	56285.01	56235.1	14.94	56299.95	56303.04688	56322.01310	56316.62500	504327.3	5410984.1
L4320.0	0.0	0.0	66626.20313	323.49	0	48.851798	-86.941013	56285.49	56235.1	14.94	56300.42	56303.46094	56322.97649	56317.47266	504327.3	5410982.7
L4320.0	0.0	0.0	66626.29688	326.05	0	48.851786	-86.941013	56285.82	56235.1	14.93	56300.75	56303.73828	56320.88507	56315.26563	504327.3	5410981.4
L4320.0	0.0	0.0	66626.39844	325.28	0	48.851771	-86.941013	56286.38	56235.1	14.93	56301.31	56304.24609	56323.98003	56318.24219	504327.3	5410979.8
L4320.0	0.0	0.0	66626.50000	326.26	0	48.851771	-86.941013	56286.61	56235.1	14.93	56301.54	56304.42578	56319.74907	56313.89844	504327.3	5410979.8
L4320.0	0.0	0.0	66626.60156	326.58	0	48.851755	-86.941013	56287.13	56235.1	14.93	56302.06	56304.89453	56322.07606	56316.10938	504327.2	5410978.0
L4320.0	0.0	0.0	66626.70313	326.52	0	48.851741	-86.941013	56287.58	56235.1	14.93	56302.50	56305.28516	56322.66667	56316.58594	504327.2	5410976.5
L4320.0	0.0	0.0	66626.79688	324.79	0	48.851729	-86.941013	56288.04	56235.1	14.92	56302.97	56305.70703	56323.99743	56317.80078	504327.2	5410975.1
L4320.0	0.0	0.0	66626.89844	324.12	0	48.851729	-86.941013	56288.45	56235.1	14.92	56303.37	56306.05859	56323.79477	56317.48438	504327.2	5410975.1

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4320.0	0.0	0.0	66627.00000	324.80	0	48.851716	-86.941013	56288.91	56235.1	14.92	56303.83	56306.47266	56325.01682	56318.58984	504327.2	5410973.6
L4320.0	0.0	0.0	66627.10156	327.31	0	48.851716	-86.941013	56289.32	56235.1	14.92	56304.24	56306.83594	56325.15128	56318.61328	504327.2	5410973.6
L4320.0	0.0	0.0	66627.20313	326.76	0	48.851703	-86.941013	56289.84	56235.1	14.92	56304.75	56307.30078	56327.64230	56320.98828	504327.2	5410972.2
L4320.0	0.0	0.0	66627.29688	326.17	0	48.851694	-86.941013	56290.52	56235.1	14.91	56305.43	56307.93750	56334.11918	56327.35156	504327.2	5410971.2
L4320.0	0.0	0.0	66627.39844	326.32	0	48.851682	-86.941013	56291.13	56235.1	14.91	56306.04	56308.50391	56339.04925	56332.16797	504327.2	5410969.8
L4320.0	0.0	0.0	66627.50000	326.20	0	48.851668	-86.941013	56291.31	56235.1	14.91	56306.22	56308.64063	56334.09981	56327.10938	504327.3	5410968.3
L4320.0	0.0	0.0	66627.60156	326.20	0	48.851668	-86.941013	56291.23	56235.1	14.91	56306.14	56308.51563	56323.19760	56316.09375	504327.3	5410968.3
L4320.0	0.0	0.0	66627.70313	326.17	0	48.851653	-86.941013	56291.77	56235.1	14.91	56306.67	56309.00391	56326.45304	56319.23828	504327.3	5410966.7
L4320.0	0.0	0.0	66627.79688	326.87	0	48.851640	-86.941013	56292.26	56235.1	14.90	56307.16	56309.45313	56328.84514	56321.51953	504327.3	5410965.3
L4320.0	0.0	0.0	66627.89844	326.19	0	48.851626	-86.941013	56292.81	56235.1	14.90	56307.72	56309.97266	56332.90644	56325.46875	504327.3	5410963.7
L4320.0	0.0	0.0	66628.00000	326.58	0	48.851626	-86.941013	56293.28	56235.1	14.90	56308.18	56310.39453	56334.72397	56327.17969	504327.3	5410963.7
L4320.0	0.0	0.0	66628.10156	325.86	0	48.851626	-86.941013	56293.81	56235.1	14.90	56308.71	56310.88672	56338.20191	56330.54688	504327.3	5410963.7
L4320.0	0.0	0.0	66628.20313	325.51	0	48.851600	-86.941013	56294.42	56235.1	14.90	56309.33	56311.46875	56343.77668	56336.01563	504327.3	5410960.7
L4320.0	0.0	0.0	66628.29688	325.78	0	48.851588	-86.941013	56294.68	56235.1	14.91	56309.59	56311.69141	56341.21524	56333.34375	504327.3	5410959.4
L4320.0	0.0	0.0	66628.39844	323.54	0	48.851588	-86.941013	56294.91	56235.1	14.91	56309.82	56311.88281	56338.07531	56330.09766	504327.3	5410959.4
L4320.0	0.0	0.0	66628.50000	324.25	0	48.851569	-86.941013	56295.14	56235.1	14.91	56310.05	56312.07813	56335.04681	56326.96484	504327.3	5410957.3
L4320.0	0.0	0.0	66628.60156	324.83	0	48.851569	-86.941013	56295.62	56235.1	14.91	56310.53	56312.52344	56337.71855	56329.53125	504327.3	5410957.3
L4320.0	0.0	0.0	66628.70313	323.28	0	48.851553	-86.941013	56295.88	56235.1	14.91	56310.79	56312.74609	56335.56261	56327.26953	504327.2	5410955.5
L4320.0	0.0	0.0	66628.79688	322.58	0	48.851547	-86.941013	56296.34	56235.1	14.92	56311.26	56313.18359	56338.15951	56329.76172	504327.2	5410954.9
L4320.0	0.0	0.0	66628.89844	322.84	0	48.851547	-86.941013	56296.89	56235.1	14.92	56311.81	56313.69922	56342.57699	56334.07813	504327.2	5410954.9
L4320.0	0.0	0.0	66629.00000	322.84	0	48.851531	-86.941014	56297.28	56235.1	14.92	56312.20	56314.05469	56343.54725	56334.94531	504327.2	5410953.1
L4320.0	0.0	0.0	66629.10156	324.23	0	48.851517	-86.941014	56297.74	56235.1	14.92	56312.66	56314.48438	56346.12377	56337.42188	504327.2	5410951.5
L4320.0	0.0	0.0	66629.20313	324.47	0	48.851517	-86.941014	56298.11	56235.1	14.92	56313.03	56314.82031	56346.83142	56338.03125	504327.2	5410951.5
L4320.0	0.0	0.0	66629.29688	323.66	0	48.851499	-86.941015	56298.25	56235.1	14.92	56313.17	56314.92969	56342.70316	56333.80078	504327.1	5410949.6
L4320.0	0.0	0.0	66629.39844	324.80	0	48.851485	-86.941016	56298.61	56235.1	14.92	56313.54	56315.26953	56343.63913	56334.64063	504327.1	5410947.9
L4320.0	0.0	0.0	66629.50000	327.23	0	48.851485	-86.941016	56298.91	56235.1	14.93	56313.83	56315.52734	56342.98211	56333.88672	504327.1	5410947.9
L4320.0	0.0	0.0	66629.60156	327.23	0	48.851470	-86.941016	56299.22	56235.1	14.93	56314.15	56315.82031	56343.08543	56333.89453	504327.0	5410946.3
L4320.0	0.0	0.0	66629.70313	326.12	0	48.851456	-86.941017	56299.20	56235.1	14.93	56314.13	56315.76953	56336.14228	56326.85547	504327.0	5410944.8
L4320.0	0.0	0.0	66629.79688	322.00	0	48.851456	-86.941017	56299.82	56235.1	14.93	56314.75	56316.36328	56342.81924	56333.43750	504327.0	5410944.8
L4320.0	0.0	0.0	66629.89844	321.62	0	48.851439	-86.941017	56300.14	56235.1	14.93	56315.07	56316.65234	56343.29891	56333.82422	504327.0	5410942.9
L4320.0	0.0	0.0	66630.00000	322.59	0	48.851439	-86.941017	56300.78	56235.1	14.93	56315.71	56317.26563	56350.62112	56341.05469	504327.0	5410942.9
L4320.0	0.0	0.0	66630.10156	322.22	0	48.851427	-86.941018	56300.95	56235.1	14.93	56315.88	56317.40625	56348.23330	56338.57813	504326.9	5410941.6
L4320.0	0.0	0.0	66630.20313	320.99	0	48.851414	-86.941018	56301.16	56235.1	14.93	56316.09	56317.58984	56346.83545	56337.09375	504326.9	5410940.0
L4320.0	0.0	0.0	66630.29688	319.99	0	48.851400	-86.941018	56301.44	56235.1	14.92	56316.36	56317.83594	56346.85267	56337.01953	504326.9	5410938.5
L4320.0	0.0	0.0	66630.39844	320.01	0	48.851400	-86.941018	56301.48	56235.1	14.92	56316.41	56317.85938	56342.37634	56332.45703	504326.9	5410938.5
L4320.0	0.0	0.0	66630.50000	321.87	0	48.851387	-86.941018	56301.80	56235.1	14.92	56316.72	56318.14063	56343.54645	56333.54297	504326.9	5410937.1
L4320.0	0.0	0.0	66630.60156	323.20	0	48.851375	-86.941018	56301.98	56235.1	14.92	56316.90	56318.29688	56342.10487	56332.01563	504326.9	5410935.7
L4320.0	0.0	0.0	66630.70313	323.15	0	48.851362	-86.941018	56302.43	56235.1	14.92	56317.34	56318.71094	56346.44006	56336.26953	504326.9	5410934.3
L4320.0	0.0	0.0	66630.79688	323.56	0	48.851362	-86.941018	56302.74	56235.1	14.91	56317.66	56319.00781	56348.41403	56338.16016	504326.9	5410934.3
L4320.0	0.0	0.0	66630.89844	324.15	0	48.851345	-86.941018	56303.25	56235.1	14.91	56318.16	56319.48438	56354.60776	56344.27344	504326.9	5410932.4
L4320.0	0.0	0.0	66631.00000	323.29	0	48.851331	-86.941018	56303.39	56235.1	14.91	56318.30	56319.60156	56353.00488	56342.58984	504326.9	5410930.8
L4320.0	0.0	0.0	66631.10156	323.41	0	48.851331	-86.941018	56303.38	56235.1	14.91	56318.29	56319.56641	56348.05502	56337.56641	504326.9	5410930.8
L4320.0	0.0	0.0	66631.20313	324.16	0	48.851321	-86.941018	56303.48	56235.1	14.91	56318.38	56319.63281	56345.40376	56334.83594	504326.9	5410929.7
L4320.0	0.0	0.0	66631.29688	325.24	0	48.851309	-86.941017	56303.51	56235.1	14.90	56318.41	56319.64063	56341.37252	56330.73047	504327.0	5410928.4
L4320.0	0.0	0.0	66631.39844	325.73	0	48.851309	-86.941017	56304.28	56235.1	14.90	56319.18	56320.38672	56355.04249	56344.32813	504327.0	5410928.4
L4320.0	0.0	0.0	66631.50000	325.23	0	48.851293	-86.941017	56304.45	56235.1	14.90	56319.35	56320.53516	56354.63213	56343.84375	504327.0	5410926.6
L4320.0	0.0	0.0	66631.60156	325.23	0	48.851280	-86.941017	56304.79	56235.1	14.90	56319.68	56320.84375	56358.21657	56347.35938	504327.0	5410925.2
L4320.0	0.0	0.0	66631.70313	328.68	0	48.851264	-86.941016	56304.91	56235.1	14.90	56319.80	56320.94141	56358.69058	56347.76563	504327.0	5410923.4
L4320.0	0.0	0.0	66631.79688	329.61	0	48.851264	-86.941016	56305.14	56235.1	14.89	56320.04	56321.16016	56360.15746	56349.16406	504327.0	5410923.4
L4320.0	0.0	0.0	66631.89844	331.02	0	48.851252	-86.941016	56305.20	56235.1	14.89	56320.09	56321.19141	56358.18488	56347.12500	504327.1	5410922.0
L4320.0	0.0	0.0	66632.00000	331.97	0	48.851237	-86.941016	56305.04	56235.1	14.89	56319.93	56321.01172	56352.36446	56341.23828	504327.1	5410920.5
L4320.0	0.0	0.0	66632.10156	333.25	0	48.851237	-86.941016	56305.37	56235.1	14.89	56320.26	56321.32031	56355.56595	56344.37500	504327.1	5410920.5
L4320.0	0.0	0.0	66632.20313	334.85	0	48.851225	-86.941016	56305.49	56235.1	14.89	56320.38	56321.41797	56354.94904	56343.69922	504327.1	5410919.1
L4320.0	0.0	0.0	66632.29688	332.38	0	48.851211	-86.941016	56305.96	56235.1	14.89	56320.84	56321.85938	56360.58863	56349.27734	504327.1	5410917.5
L4320.0	0.0	0.0	66632.39844	331.73	0	48.851198	-86.941016	56306.06	56235.1	14.89	56320.95	56321.94922	56359.85883	56348.48828	504327.1	5410916.0
L4320.0	0.0	0.0	66632.50000	328.65	0	48.851198	-86.941016	56306.40	56235.1	14.88	56321.28	56322.26172	56363.14941	56351.71875	504327.1	5410916.0
L4320.0	0.0	0.0	66632.60156	327.37	0	48.851185	-86.941015	56306.64	56235.1	14.88	56321.53	56322.49219	56363.17359	56351.68750	504327.1	5410914.6
L4320.0	0.0	0.0	66632.70313	324.89	0	48.851185	-86.941015	56306.82	56235.1	14.88	56321.71	56322.65234	56364.00489	56352.46484	504327.1	5410914.6
L4320.0	0.0	0.0	66632.79688	323.47	0	48.851167	-86.941015	56307.04	56235.1	14.88	56321.92	56322.84375	56365.64139	56354.05078	504327.1	5410912.6
L4320.0	0.0	0.0	66632.89844	324.40	0	48.851155	-86.941015	56306.90	56235.1	14.88	56321.78	56322.68750	56359.12122	56347.47656	504327.1	5410911.2
L4320.0	0.0	0.0	66633.00000	324.61	0	48.851155	-86.941015	56307.24	56235.1	14.88	56322.12	56323.00781	56364.03771	56352.34375	504327.1	5410911.2
L4320.0	0.0	0.0	66633.10156	322.97	0	48.851138	-86.941015	56307.11	56235.1	14.88	56321.98	56322.85156	56357.97426	56346.23438	504327.1	5410909.4
L4320.0	0.0	0.0	66633.20313	322.98	0	48.851124	-86.941015	56307.21	56235.1	14.88	56322.09	56322.94141	56357.87107	56346.08203	504327.2	5410907.8
L4320.0	0.0	0.0	66633.29688	321.42	0	48.851124	-86.941015	56307.08	56235.1	14.88	56321.96	56322.79688	56352.58457	56340.75000	504327.2	5410907.8
L4320.0	0.0	0.0	66633.39844	320.58	0	48.851106	-86.941014	56307.13	56235.1	14.88	56322.00	56322.81641	56351.34335	56339.46484	504327.2	5410905.9
L4320.0	0.0	0.0	66633.50000	320.30	0	48.851091	-86.941014	56307.39	56235.1	14.88	56322.26	56323.06250	56355.09570	56343.17578	504327.2	5410904.2
L4320.0	0.0	0.0	66633.60156	320.30	0	48.851091	-86.941014	56307.20	56235.1	14.87	56322.08	56322.86328	56349.49299	56337.53125	504327.2	5410904.2
L4320.0	0.0	0.0	66633.70313	321.21	0	48.851077	-86.941014	56307.62	56235.1	14.87	56322.49	56323.25781	56356.79222	56344.79297	504327.2	5410902.6
L4320.0	0.0	0.0	66633.79688	322.51	0	48.851061	-86.941014	56307.59	56235.1	14.87	56322.47	56323.22266	56355.09327	56343.05469	504327.2	5410900.9
L4320.0	0.0	0.0	66633.89844	322.65	0	48.851061	-86.941014	56307.96	56235.1	14.87	56322.84	56323.57422	56361.89121	56349.81641	504327.2	5410900.9
L4320.0	0.0	0.0	66634.00000	323.78	0	48.851061	-86.941014	56308.05	56235.1	14.87	56322.92	56323.63672	56362.75600	56350.64453	504327.2	5410900.9
L4320.0	0.0	0.0	66634.10156	323.34	0	48.851043	-86.941014	56307.97	56235.1	14.87	56322.84	56323.54297	56360.45254	56348.30859	504327.3	5410898.8
L4320.0	0.0	0.0	66634.20313	324.47	0	48.851029	-86.941014	56307.72	56235.1	14.86	56322.58	56323.26563	56354.51533	56342.33984	504327.3	5410897.2
L4320.0	0.0	0.0	66634.29688	324.60	0	48.851013	-86.941013	56307.46	56235.1	14.86	56322.32	56322.99219	56348.71614	56336.50781	504327.3	5410895.5
L4320.0	0.0	0.0	66634.39844	322.87	0	48.851013	-86.941013	56307.67	56235.1	14.86	56322.53	56323.18750	56353.12062	56340.88281	504327.3	5410895.5
L4320.0	0.0	0.0	66634.50000	323.06	0	48.850998	-86.941013	56307.71	56235.1	14.86	56322.57	56323.21094	56354.05554	56341.78906	504327.3	5410893.9
L4320.0	0.0	0.0	66634.60156	320.51	0	48.850998	-86.941013	56307.82	56235.1	14.85	56322.68	56323.30469	56356.66444	56344.37500	504327.3	5410893.9
L4320.0	0.0	0.0	66634.70313	319.52	0	48.850982	-86.941013	56307.88	56235.2	14.85	56322.72	56323.33203	56357.89690	56345.58203	504327.3	5410892.1
L4320.0	0.0	0.0	66634.79688	320.10	0	48.850982	-86.941013	56307.77	56235.2	14.85	56322.62	56323.21484	56356.16401	56343.82422	504327.3	5410892.1
L4320.0	0.0	0.0	66634.89844	321.14	0	48.850967	-86.941013	56307.69	56235.2	14.84	56322.53	56323.10938	56354.72646	56342.36328	504327.3	5410890.4
L4320.0	0.0	0.0	66635.00000	320.17	0	48.850967	-86.941013	56307.46	56235.2	14.84	56322.30	56322.86719	56350.23640	56337.85156	504327.3	5410890.4
L4320.0	0.0	0.0	66635.10156	322.30	0	48.850949	-86.941014	56307.33	56235.2	14.84	56322.17	56322.72266	56348.02691	56335.62109	504327.3	5410888.4
L4320.0	0.0	0.0	66635.20313	325.37	0	48.850935	-86.941014	56307.41	56235.2	14.84	56322.26	56322.79688	56350.81777	56338.39453	504327.3	5410886.8
L4320.0	0.0	0.0	66635.29688	326.28	0	48.850935	-86.941014	56307.61	56235.2	14.84	56322.46	56322.98438	56356.16260	56343.72266	504327.3	5410886.8
L4320.0	0.0	0.0	66635.39844	324.93	0	48.850919	-86.941014	56307.75	56235.2	14.84	56322.59	56323.10156	56360.01425	56347.55469	504327.2	5410885.0
L4320.0	0.0	0.0	66635.50000	326.20	0	48.850907	-86.941014	56307.88	56235.2	14.84	56322.72	56323.21875	56363.92992	56351.45703	504327.2	5410883.7
L4320.0	0.0	0.0	66635.50000	326.20	0	48.850907	-86.941014	56307.56	56235.2	14.84	56322.40	56322.88281	56357.82804	56345.33984	504327.2	5410883.7
L4320.0	0.0	0.0	66635.70313	327.01	0	48.850891	-86.941014	56307.24	56235.2	14.85	56322.08	56322.55078	56351.81419	56339.31250	504327.2	5410882.0
L4320.0	0.0	0.0	66635.79688	326.96	0	48.850880	-86.941014	56306.97	56235.2	14.85	56321.82	56322.27734	56347.23715	56334.72266	504327.2	5410880.7
L4320.0	0.0	0.0	66635.89844	325.60	0	48.850866	-86.941014	56306.70	56235.2	14.85	56321.55	56321.99219	56342.53716	56330.01172	504327.2	5410879.1
L4320.0	0.0	0.0	66636.00000	322.61	0	48.850866	-86.941014	56306.72	56235.2	14.85	56321.57	56322.00000	56344.35715	56331.82422	504327.2	5410879.1
L4320.0	0.0	0.0	66636.10156	322.45	0	48.850856	-86.941014	56306.88	56235.1	14.85	56321.73	56322.14844	56349.32501	56336.78125	504327.2	5410878.0
L4320.0	0.0	0.0	66636.20313	324.55	0	48.850841	-86.941014	56307.16	56235.1	14.85	56322.01	56322.41406	56356.96770	56344.41797	504327.2	5410876.4

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4320.0	0.0	0.0	66636.29688	324.04	0	48.850830	-86.941014	56307.03	56235.1	14.85	56321.88	56322.27344	56355.63900	56343.08203	504327.2	5410875.1
L4320.0	0.0	0.0	66636.39844	322.92	0	48.850815	-86.941014	56307.04	56235.1	14.85	56321.89	56322.26953	56357.43997	56344.87891	504327.2	5410873.5
L4320.0	0.0	0.0	66636.50000	322.42	0	48.850806	-86.941014	56306.72	56235.1	14.85	56321.57	56321.93750	56352.10038	56339.53125	504327.2	5410872.5
L4320.0	0.0	0.0	66636.60156	321.48	0	48.850806	-86.941014	56306.32	56235.1	14.86	56321.17	56321.52734	56345.10902	56332.53906	504327.2	5410872.5
L4320.0	0.0	0.0	66636.70313	320.96	0	48.850792	-86.941014	56306.08	56235.1	14.86	56320.94	56321.28516	56341.89192	56329.31641	504327.3	5410870.9
L4320.0	0.0	0.0	66636.79688	322.68	0	48.850792	-86.941014	56305.88	56235.1	14.86	56320.74	56321.07422	56339.38690	56326.80859	504327.3	5410870.9
L4320.0	0.0	0.0	66636.89844	321.40	0	48.850777	-86.941014	56305.88	56235.1	14.86	56320.74	56321.06250	56341.26772	56328.68750	504327.3	5410869.3
L4320.0	0.0	0.0	66637.00000	322.41	0	48.850777	-86.941014	56306.34	56235.1	14.86	56321.20	56321.51172	56353.16498	56340.58594	504327.3	5410869.3
L4320.0	0.0	0.0	66637.10156	321.62	0	48.850763	-86.941014	56306.24	56235.1	14.86	56321.10	56321.39844	56352.98382	56340.40625	504327.3	5410867.7
L4320.0	0.0	0.0	66637.20313	322.00	0	48.850751	-86.941014	56306.24	56235.1	14.85	56321.09	56321.37891	56354.81247	56342.23438	504327.3	5410866.4
L4320.0	0.0	0.0	66637.29688	321.39	0	48.850737	-86.941014	56305.93	56235.1	14.85	56320.78	56321.05859	56350.16158	56337.58594	504327.3	5410864.8
L4320.0	0.0	0.0	66637.39844	323.28	0	48.850737	-86.941014	56305.68	56235.2	14.85	56320.53	56320.79688	56346.83662	56334.26172	504327.3	5410864.8
L4320.0	0.0	0.0	66637.50000	325.87	0	48.850721	-86.941014	56305.16	56235.2	14.85	56320.01	56320.26563	56337.57304	56325.00391	504327.3	5410863.0
L4320.0	0.0	0.0	66637.60156	325.87	0	48.850721	-86.941014	56305.17	56235.2	14.84	56320.01	56320.25391	56339.73478	56327.16797	504327.3	5410863.0
L4320.0	0.0	0.0	66637.70313	326.26	0	48.850703	-86.941014	56305.24	56235.2	14.84	56320.08	56320.31250	56343.48613	56330.92578	504327.3	5410861.1
L4320.0	0.0	0.0	66637.79688	326.54	0	48.850686	-86.941013	56305.37	56235.2	14.84	56320.21	56320.43359	56348.62233	56336.06641	504327.3	5410859.1
L4320.0	0.0	0.0	66637.89844	327.30	0	48.850686	-86.941013	56305.20	56235.2	14.83	56320.03	56320.24219	56346.83501	56334.28516	504327.3	5410859.1
L4320.0	0.0	0.0	66638.00000	325.78	0	48.850673	-86.941013	56305.17	56235.2	14.83	56320.00	56320.20313	56348.40112	56335.85547	504327.3	5410857.7
L4320.0	0.0	0.0	66638.10156	323.08	0	48.850658	-86.941013	56304.63	56235.2	14.83	56319.46	56319.65234	56338.38321	56325.84766	504327.3	5410856.1
L4320.0	0.0	0.0	66638.20313	323.33	0	48.850658	-86.941013	56304.33	56235.2	14.83	56319.16	56319.34375	56333.72768	56321.19922	504327.3	5410856.1
L4320.0	0.0	0.0	66638.29688	322.66	0	48.850644	-86.941013	56304.37	56235.2	14.83	56319.20	56319.37500	56336.78022	56324.25781	504327.3	5410854.5
L4320.0	0.0	0.0	66638.39844	324.25	0	48.850629	-86.941013	56304.20	56235.2	14.83	56319.03	56319.19531	56335.01244	56322.50000	504327.4	5410852.8
L4320.0	0.0	0.0	66638.50000	325.17	0	48.850629	-86.941013	56304.33	56235.2	14.83	56319.16	56319.31641	56340.07390	56327.57422	504327.4	5410852.8
L4320.0	0.0	0.0	66638.60156	325.61	0	48.850611	-86.941012	56304.35	56235.2	14.84	56319.18	56319.32813	56342.58297	56330.08984	504327.4	5410850.8
L4320.0	0.0	0.0	66638.70313	326.21	0	48.850598	-86.941012	56304.20	56235.2	14.84	56319.04	56319.17969	56341.38989	56328.91016	504327.4	5410849.4
L4320.0	0.0	0.0	66638.79688	326.90	0	48.850598	-86.941012	56304.20	56235.2	14.84	56319.03	56319.16016	56343.12877	56330.66016	504327.4	5410849.4
L4320.0	0.0	0.0	66638.89844	328.79	0	48.850584	-86.941012	56304.00	56235.2	14.84	56318.83	56318.95313	56340.49980	56328.04297	504327.4	5410847.8
L4320.0	0.0	0.0	66639.00000	328.07	0	48.850584	-86.941012	56303.81	56235.2	14.84	56318.65	56318.76172	56338.30668	56325.86328	504327.4	5410847.8
L4320.0	0.0	0.0	66639.10156	326.72	0	48.850572	-86.941011	56303.81	56235.2	14.84	56318.65	56318.75391	56340.17219	56327.73828	504327.5	5410846.4
L4320.0	0.0	0.0	66639.20313	326.65	0	48.850556	-86.941011	56304.02	56235.2	14.84	56318.85	56318.94531	56346.51064	56334.08984	504327.5	5410844.7
L4320.0	0.0	0.0	66639.29688	324.78	0	48.850547	-86.941011	56303.77	56235.2	14.83	56318.60	56318.68750	56342.66526	56330.25781	504327.5	5410843.7
L4320.0	0.0	0.0	66639.39844	323.84	0	48.850547	-86.941011	56303.56	56235.2	14.83	56318.39	56318.47266	56339.72190	56327.33203	504327.5	5410843.7
L4320.0	0.0	0.0	66639.50000	322.81	0	48.850531	-86.941010	56303.56	56235.2	14.83	56318.39	56318.46484	56341.47406	56329.09766	504327.6	5410841.9
L4320.0	0.0	0.0	66639.60156	322.81	0	48.850516	-86.941010	56303.64	56235.2	14.83	56318.47	56318.53516	56344.99225	56332.63281	504327.6	5410840.3
L4320.0	0.0	0.0	66639.70313	323.61	0	48.850504	-86.941010	56303.59	56235.2	14.83	56318.41	56318.46875	56345.38163	56333.03516	504327.6	5410838.9
L4320.0	0.0	0.0	66639.79688	322.71	0	48.850488	-86.941009	56303.56	56235.2	14.82	56318.38	56318.43359	56346.44269	56334.11328	504327.6	5410837.1
L4320.0	0.0	0.0	66639.89844	322.38	0	48.850488	-86.941009	56303.13	56235.2	14.82	56317.95	56317.99609	56338.62243	56326.30859	504327.6	5410837.1
L4320.0	0.0	0.0	66640.00000	323.36	0	48.850473	-86.941009	56302.87	56235.2	14.82	56317.69	56317.72656	56334.58469	56322.28906	504327.6	5410835.4
L4320.0	0.0	0.0	66640.10156	324.06	0	48.850473	-86.941009	56302.92	56235.2	14.82	56317.74	56317.77344	56337.45450	56325.17578	504327.6	5410835.4
L4320.0	0.0	0.0	66640.20313	325.33	0	48.850455	-86.941009	56302.97	56235.2	14.82	56317.79	56317.81641	56340.35219	56328.08984	504327.6	5410833.4
L4320.0	0.0	0.0	66640.29688	325.15	0	48.850442	-86.941009	56303.13	56235.2	14.82	56317.94	56317.96094	56345.53723	56333.29688	504327.6	5410832.1
L4320.0	0.0	0.0	66640.39844	323.60	0	48.850442	-86.941009	56303.10	56235.2	14.82	56317.91	56317.92188	56346.73200	56334.50781	504327.6	5410832.1
L4320.0	0.0	0.0	66640.50000	323.76	0	48.850429	-86.941010	56303.23	56235.2	14.82	56318.04	56318.04688	56351.60669	56339.40234	504327.6	5410830.6
L4320.0	0.0	0.0	66640.60156	322.85	0	48.850429	-86.941010	56302.87	56235.2	14.81	56317.68	56317.68359	56345.34456	56333.16016	504327.6	5410830.6
L4320.0	0.0	0.0	66640.70313	322.70	0	48.850404	-86.941010	56302.82	56235.2	14.81	56317.63	56317.62500	56346.16241	56334.00000	504327.6	5410827.8
L4320.0	0.0	0.0	66640.79688	324.71	0	48.850404	-86.941010	56302.79	56235.2	14.81	56317.60	56317.58984	56347.47114	56335.32813	504327.6	5410827.8
L4320.0	0.0	0.0	66640.89844	323.54	0	48.850393	-86.941010	56302.62	56235.2	14.81	56317.43	56317.41797	56345.52066	56333.39844	504327.6	5410826.5
L4320.0	0.0	0.0	66641.00000	326.97	0	48.850378	-86.941010	56302.28	56235.2	14.81	56317.09	56317.07031	56339.51315	56327.41406	504327.6	5410824.9
L4320.0	0.0	0.0	66641.10156	327.52	0	48.850378	-86.941010	56302.40	56235.2	14.81	56317.21	56317.18750	56344.39248	56332.31250	504327.6	5410824.9
L4320.0	0.0	0.0	66641.20313	329.51	0	48.850364	-86.941011	56302.06	56235.2	14.81	56316.87	56316.84375	56338.27598	56326.21875	504327.5	5410823.3
L4320.0	0.0	0.0	66641.29688	330.90	0	48.850348	-86.941011	56301.85	56235.2	14.81	56316.66	56316.62891	56335.21864	56323.18359	504327.5	5410821.6
L4320.0	0.0	0.0	66641.39844	332.11	0	48.850348	-86.941011	56301.97	56235.2	14.81	56316.78	56316.74609	56340.16642	56328.15625	504327.5	5410821.6
L4320.0	0.0	0.0	66641.50000	329.01	0	48.850334	-86.941011	56301.90	56235.2	14.82	56316.72	56316.67969	56340.75461	56328.76563	504327.5	5410820.0
L4320.0	0.0	0.0	66641.50000	329.01	0	48.850318	-86.941011	56301.85	56235.2	14.82	56316.67	56316.62891	56344.30686	56332.34375	504327.5	5410818.3
L4320.0	0.0	0.0	66641.70313	328.34	0	48.850318	-86.941011	56301.84	56235.2	14.82	56316.66	56316.61328	56345.80392	56333.86328	504327.5	5410818.3
L4320.0	0.0	0.0	66641.79688	328.79	0	48.850302	-86.941011	56301.93	56235.2	14.82	56316.74	56316.69141	56348.90720	56336.99219	504327.5	5410816.5
L4320.0	0.0	0.0	66641.89844	329.86	0	48.850302	-86.941011	56302.05	56235.2	14.82	56316.87	56316.82031	56352.88727	56340.99609	504327.5	5410816.5
L4320.0	0.0	0.0	66642.00000	329.34	0	48.850302	-86.941011	56301.77	56235.2	14.82	56316.59	56316.53516	56349.39775	56337.53516	504327.5	5410816.5
L4320.0	0.0	0.0	66642.10156	328.73	0	48.850272	-86.941011	56301.70	56235.2	14.82	56316.52	56316.46484	56349.67602	56337.83594	504327.5	5410813.1
L4320.0	0.0	0.0	66642.20313	329.08	0	48.850272	-86.941011	56301.23	56235.2	14.82	56316.05	56315.99219	56342.70950	56330.89453	504327.5	5410813.1
L4320.0	0.0	0.0	66642.29688	327.62	0	48.850261	-86.941011	56301.39	56235.2	14.82	56316.20	56316.14063	56344.31876	56332.53125	504327.5	5410811.9
L4320.0	0.0	0.0	66642.39844	328.23	0	48.850248	-86.941011	56301.24	56235.2	14.82	56316.05	56315.98828	56342.66223	56330.90234	504327.5	5410810.5
L4320.0	0.0	0.0	66642.50000	327.00	0	48.850236	-86.941011	56301.23	56235.2	14.82	56316.05	56315.98828	56344.65046	56332.91797	504327.5	5410809.1
L4320.0	0.0	0.0	66642.60156	328.51	0	48.850236	-86.941011	56301.44	56235.2	14.81	56316.25	56316.18750	56351.40334	56339.69922	504327.5	5410809.1
L4320.0	0.0	0.0	66642.70313	328.21	0	48.850219	-86.941012	56301.16	56235.2	14.81	56315.97	56315.90625	56346.65619	56334.98047	504327.5	5410807.3
L4320.0	0.0	0.0	66642.79688	328.43	0	48.850207	-86.941012	56301.18	56235.2	14.81	56316.00	56315.93359	56349.29813	56337.65234	504327.5	5410805.9
L4320.0	0.0	0.0	66642.89844	326.23	0	48.850207	-86.941012	56300.78	56235.2	14.81	56315.59	56315.52344	56341.65709	56330.03906	504327.5	5410805.9
L4320.0	0.0	0.0	66643.00000	324.97	0	48.850193	-86.941012	56300.88	56235.2	14.81	56315.69	56315.62500	56345.95131	56334.36328	504327.5	5410804.3
L4320.0	0.0	0.0	66643.10156	324.70	0	48.850181	-86.941011	56300.70	56235.2	14.81	56315.51	56315.44531	56343.79243	56332.23438	504327.5	5410803.0
L4320.0	0.0	0.0	66643.20313	323.44	0	48.850181	-86.941011	56300.68	56235.2	14.81	56315.48	56315.41406	56345.09805	56333.57031	504327.5	5410803.0
L4320.0	0.0	0.0	66643.29688	323.46	0	48.850168	-86.941011	56300.37	56235.2	14.81	56315.17	56315.10547	56340.14162	56328.64453	504327.5	5410801.5
L4320.0	0.0	0.0	66643.39844	323.31	0	48.850152	-86.941011	56300.21	56235.2	14.81	56315.02	56314.95703	56338.86629	56327.40234	504327.5	5410799.8
L4320.0	0.0	0.0	66643.50000	323.64	0	48.850140	-86.941011	56300.21	56235.2	14.81	56315.02	56314.95703	56340.95134	56329.51953	504327.5	5410798.5
L4320.0	0.0	0.0	66643.60156	323.64	0	48.850140	-86.941011	56300.04	56235.2	14.80	56314.85	56314.78906	56339.33190	56327.93359	504327.5	5410798.5
L4320.0	0.0	0.0	66643.70313	323.36	0	48.850126	-86.941011	56300.18	56235.2	14.80	56314.99	56314.92969	56344.48970	56333.12500	504327.5	5410796.9
L4320.0	0.0	0.0	66643.79688	322.81	0	48.850113	-86.941011	56300.27	56235.2	14.80	56315.07	56315.01172	56348.32622	56336.99219	504327.5	5410795.5
L4320.0	0.0	0.0	66643.89844	323.55	0	48.850101	-86.941011	56299.71	56235.2	14.80	56314.51	56314.45313	56338.48641	56327.18750	504327.5	5410794.1
L4320.0	0.0	0.0	66644.00000	322.83	0	48.850101	-86.941011	56299.25	56235.2	14.80	56314.05	56313.99609	56330.92850	56319.66406	504327.5	5410794.1
L4320.0	0.0	0.0	66644.10156	323.21	0	48.850083	-86.941011	56299.15	56235.2	14.80	56313.95	56313.89844	56331.09524	56319.86719	504327.5	5410792.1
L4320.0	0.0	0.0	66644.20313	322.20	0	48.850069	-86.941011	56299.50	56235.2	14.80	56314.30	56314.25391	56340.77614	56329.58203	504327.5	5410790.6
L4320.0	0.0	0.0	66644.29688	322.24	0	48.850069	-86.941011	56299.80	56235.2	14.80	56314.60	56314.55469	56349.38488	56338.22656	504327.5	5410790.6
L4320.0	0.0	0.0	66644.39844	321.26	0	48.850056	-86.941011	56299.66	56235.2	14.80	56314.45	56314.41016	56348.56652	56337.44531	504327.5	5410789.1
L4320.0	0.0	0.0	66644.50000	322.73	0	48.850039	-86.941012	56299.38	56235.2	14.79	56314.17	56314.13281	56345.07461	56333.98828	504327.5	5410787.2
L4320.0	0.0	0.0	66644.60156	321.73	0	48.850039	-86.941012	56299.22	56235.2	14.79	56314.02	56313.98828	56344.34940	56333.30078	504327.5	5410787.2
L4320.0	0.0	0.0	66644.70313	321.72	0	48.850021	-86.941012	56299.04	56235.2	14.79	56313.83	56313.80469	56342.82302	56331.81250	504327.5	5410785.2
L4320.0	0.0	0.0	66644.79688	325.86	0	48.850021	-86.941012	56298.41	56235.2	14.79	56313.20	56313.17969	56332.10385	56321.13281	504327.5	5410785.2
L4320.0	0.0	0.0	66644.89844	325.67	0	48.850007	-86.941012	56298.09	56235.2	14.79	56312.88	56312.86328	56327.88597	56316.95313	504327.4	5410783.7
L4320.0	0.0	0.0	66645.00000	324.43	0	48.849995	-86.941012	56297.96	56235.2	14.79	56312.75	56312.73828	56327.66702	56316.77344	504327.4	5410782.3
L4320.0	0.0	0.0	66645.10156	323.17	0	48.849982	-86.941012	56298.23	56235.2	14.79	56313.01	56313.00391	56335.69417	56324.83984	504327.4	5410780.9
L4320.0	0.0	0.0	66645.20313	323.77	0	48.849982	-86.941012	56298.22	56235.2	14.79	56313.01	56313.01172	56338.28032	56327.46875	504327.4	5410780.9
L4320.0	0.0	0.0	66645.29688	324.30	0	48.849971	-86.941012	56298.02	56235.2	14.78	56312.80	56312.80859	56336.43316	56325.66016	504327.4	5410779.7
L4320.0	0.0	0.0	66645.39844	323.20	0	48.849961	-86.941012	56297.69	56235.2	14.78	56312.47	56312.48438	56332.01907	56321.28516	504327.4	5410778.5
L4320.0	0.0	0.0	66645.50000	320.65	0	48.849946	-86.941012	56297.13	56235.2	14.78	56311.91	56311.92969	56322.63929	56311.94922	504327.5	5410776.9

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4320.0	0.0	0.0	66645.60156	320.65	0	48.849946	-86.941012	56296.82	56235.2	14.78	56311.60	56311.62891	56318.56050	56307.91406	504327.5	5410776.9
L4320.0	0.0	0.0	66645.70313	322.91	0	48.849924	-86.941012	56296.54	56235.2	14.78	56311.32	56311.35547	56315.08898	56304.48438	504327.5	5410774.4
L4320.0	0.0	0.0	66645.79688	322.27	0	48.849924	-86.941012	56297.05	56235.2	14.77	56311.82	56311.86328	56328.56716	56318.00391	504327.5	5410774.4
L4320.0	0.0	0.0	66645.89844	324.00	0	48.849905	-86.941011	56297.08	56235.2	14.77	56311.85	56311.90234	56331.89617	56321.37891	504327.5	5410772.4
L4320.0	0.0	0.0	66646.00000	326.46	0	48.849905	-86.941011	56297.36	56235.2	14.77	56312.13	56312.19141	56340.76693	56330.29297	504327.5	5410772.4
L4320.0	0.0	0.0	66646.10156	325.56	0	48.849891	-86.941011	56297.13	56235.2	14.77	56311.90	56311.97266	56338.43169	56328.00391	504327.6	5410770.8
L4320.0	0.0	0.0	66646.20313	327.42	0	48.849891	-86.941011	56296.80	56235.2	14.77	56311.57	56311.65234	56333.82924	56323.44531	504327.6	5410770.8
L4320.0	0.0	0.0	66646.29688	329.05	0	48.849879	-86.941010	56296.48	56235.2	14.77	56311.25	56311.33984	56329.38355	56319.04688	504327.6	5410769.4
L4320.0	0.0	0.0	66646.39844	328.55	0	48.849864	-86.941010	56296.67	56235.2	14.77	56311.44	56311.53906	56336.37784	56326.08594	504327.7	5410767.7
L4320.0	0.0	0.0	66646.50000	328.39	0	48.849851	-86.941009	56296.74	56235.2	14.77	56311.52	56311.63281	56340.93742	56330.69141	504327.7	5410766.3
L4320.0	0.0	0.0	66646.60156	325.85	0	48.849851	-86.941009	56296.52	56235.2	14.78	56311.30	56311.42188	56338.67886	56328.48047	504327.7	5410766.3
L4320.0	0.0	0.0	66646.70313	324.49	0	48.849837	-86.941008	56296.46	56235.2	14.78	56311.23	56311.36328	56339.80794	56329.65625	504327.7	5410764.7
L4320.0	0.0	0.0	66646.79688	322.62	0	48.849824	-86.941008	56296.41	56235.2	14.78	56311.19	56311.33594	56341.60596	56331.50391	504327.8	5410763.4
L4320.0	0.0	0.0	66646.89844	321.68	0	48.849824	-86.941008	56295.96	56235.2	14.78	56310.74	56310.89453	56333.90098	56323.84375	504327.8	5410763.4
L4320.0	0.0	0.0	66647.00000	325.26	0	48.849810	-86.941007	56295.44	56235.2	14.78	56310.22	56310.38672	56324.48420	56314.47656	504327.8	5410761.8
L4320.0	0.0	0.0	66647.10156	321.42	0	48.849800	-86.941007	56295.41	56235.2	14.78	56310.20	56310.37891	56326.60834	56316.65234	504327.9	5410760.7
L4320.0	0.0	0.0	66647.20313	322.17	0	48.849790	-86.941007	56295.27	56235.2	14.78	56310.05	56310.24219	56325.68181	56315.77344	504327.9	5410759.6
L4320.0	0.0	0.0	66647.29688	326.58	0	48.849790	-86.941007	56295.59	56235.2	14.78	56310.38	56310.58594	56335.89949	56326.04297	504327.9	5410759.6
L4320.0	0.0	0.0	66647.39844	327.04	0	48.849776	-86.941006	56295.70	56235.2	14.78	56310.49	56310.71094	56340.95822	56331.14844	504327.9	5410758.0
L4320.0	0.0	0.0	66647.50000	326.84	0	48.849762	-86.941006	56295.92	56235.2	14.79	56310.71	56310.94531	56348.52589	56338.76953	504328.0	5410756.5
L4320.0	0.0	0.0	66647.60156	326.84	0	48.849750	-86.941005	56295.65	56235.2	14.79	56310.44	56310.68750	56344.65136	56334.94531	504328.0	5410755.1
L4320.0	0.0	0.0	66647.70313	327.15	0	48.849750	-86.941005	56295.54	56235.2	14.79	56310.33	56310.59375	56344.45702	56334.80469	504328.0	5410755.1
L4320.0	0.0	0.0	66647.79688	327.44	0	48.849736	-86.941005	56295.16	56235.2	14.79	56309.95	56310.22656	56337.99158	56328.38672	504328.0	5410753.5
L4320.0	0.0	0.0	66647.89844	328.83	0	48.849736	-86.941005	56294.75	56235.2	14.79	56309.54	56309.83203	56330.84645	56321.29297	504328.0	5410753.5
L4320.0	0.0	0.0	66648.00000	330.95	0	48.849722	-86.941004	56294.32	56235.2	14.79	56309.11	56309.41797	56323.27051	56313.77344	504328.0	5410751.9
L4320.0	0.0	0.0	66648.10156	331.60	0	48.849706	-86.941004	56294.17	56235.2	14.79	56308.96	56309.28516	56322.12430	56312.67969	504328.1	5410750.3
L4320.0	0.0	0.0	66648.20313	329.24	0	48.849692	-86.941004	56294.32	56235.2	14.79	56309.11	56309.44922	56327.78116	56318.38672	504328.1	5410748.7
L4320.0	0.0	0.0	66648.29688	325.92	0	48.849682	-86.941004	56294.42	56235.2	14.80	56309.22	56309.57813	56332.46111	56323.12109	504328.1	5410747.6
L4320.0	0.0	0.0	66648.39844	323.67	0	48.849682	-86.941004	56294.75	56235.2	14.80	56309.55	56309.92578	56342.02358	56332.73438	504328.1	5410747.6
L4320.0	0.0	0.0	66648.50000	323.22	0	48.849668	-86.941003	56294.55	56235.2	14.80	56309.35	56309.74219	56339.62363	56330.39063	504328.1	5410746.0
L4320.0	0.0	0.0	66648.60156	323.37	0	48.849654	-86.941003	56294.37	56235.2	14.80	56309.17	56309.57813	56337.68506	56328.50781	504328.2	5410744.4
L4320.0	0.0	0.0	66648.70313	323.25	0	48.849654	-86.941003	56294.09	56235.2	14.80	56308.89	56309.31641	56333.54771	56324.42188	504328.2	5410744.4
L4320.0	0.0	0.0	66648.79688	322.34	0	48.849637	-86.941003	56294.02	56235.2	14.81	56308.82	56309.26563	56334.07908	56325.00781	504328.2	5410742.6
L4320.0	0.0	0.0	66648.89844	323.71	0	48.849637	-86.941003	56293.73	56235.2	14.81	56308.54	56309.00391	56329.99677	56320.98047	504328.2	5410742.6
L4320.0	0.0	0.0	66649.00000	323.74	0	48.849623	-86.941002	56293.56	56235.2	14.81	56308.37	56308.85156	56328.35847	56319.39453	504328.2	5410741.0
L4320.0	0.0	0.0	66649.10156	324.34	0	48.849611	-86.941002	56293.50	56235.2	14.81	56308.31	56308.81250	56329.14084	56320.23438	504328.2	5410739.6
L4320.0	0.0	0.0	66649.20313	323.35	0	48.849611	-86.941002	56293.58	56235.2	14.81	56308.39	56308.91016	56332.98354	56324.13281	504328.2	5410739.6
L4320.0	0.0	0.0	66649.29688	324.67	0	48.849596	-86.941002	56293.50	56235.2	14.81	56308.31	56308.85156	56333.34992	56324.55078	504328.2	5410738.0
L4320.0	0.0	0.0	66649.39844	324.32	0	48.849582	-86.941002	56293.24	56235.2	14.81	56308.05	56308.60938	56329.81971	56321.07422	504328.2	5410736.4
L4320.0	0.0	0.0	66649.50000	324.49	0	48.849582	-86.941002	56293.33	56235.2	14.81	56308.13	56308.71094	56333.71001	56325.01953	504328.2	5410736.4
L4320.0	0.0	0.0	66649.50000	324.49	0	48.849567	-86.941002	56293.27	56235.2	14.81	56308.07	56308.67188	56334.57790	56325.94531	504328.3	5410734.8
L4320.0	0.0	0.0	66649.60156	325.16	0	48.849553	-86.941002	56293.18	56235.2	14.80	56307.98	56308.60547	56334.81512	56326.23828	504328.3	5410733.2
L4320.0	0.0	0.0	66649.79688	323.98	0	48.849553	-86.941002	56293.13	56235.2	14.80	56307.93	56308.57422	56335.95035	56327.42578	504328.3	5410733.2
L4320.0	0.0	0.0	66649.89844	323.11	0	48.849539	-86.941001	56293.14	56235.2	14.80	56307.94	56308.60547	56338.42980	56329.96094	504328.3	5410731.7
L4320.0	0.0	0.0	66650.00000	320.52	0	48.849525	-86.941001	56292.87	56235.2	14.80	56307.67	56308.35938	56334.76955	56326.35547	504328.3	5410730.0
L4320.0	0.0	0.0	66650.10156	322.31	0	48.849513	-86.941001	56292.38	56235.2	14.80	56307.18	56307.89063	56326.22631	56317.86719	504328.3	5410728.7
L4320.0	0.0	0.0	66650.20313	323.26	0	48.849513	-86.941001	56292.13	56235.2	14.80	56306.93	56307.66406	56322.96190	56314.66016	504328.3	5410728.7
L4320.0	0.0	0.0	66650.29688	323.95	0	48.849501	-86.941001	56291.74	56235.2	14.80	56306.54	56307.29688	56316.56014	56308.31250	504328.3	5410727.4
L4320.0	0.0	0.0	66650.39844	323.77	0	48.849486	-86.941001	56292.00	56235.2	14.80	56306.80	56307.57813	56324.67782	56316.48047	504328.3	5410725.8
L4320.0	0.0	0.0	66650.50000	322.97	0	48.849486	-86.941001	56291.89	56235.2	14.80	56306.70	56307.50391	56324.77724	56316.63672	504328.3	5410725.8
L4320.0	0.0	0.0	66650.60156	322.80	0	48.849472	-86.941001	56291.88	56235.2	14.80	56306.68	56307.50781	56326.69682	56318.61328	504328.4	5410724.2
L4320.0	0.0	0.0	66650.70313	324.37	0	48.849455	-86.941000	56292.20	56235.2	14.80	56307.00	56307.85156	56336.35765	56328.32813	504328.4	5410722.3
L4320.0	0.0	0.0	66650.79688	325.81	0	48.849455	-86.941000	56292.43	56235.2	14.80	56307.23	56308.10547	56344.06009	56336.08203	504328.4	5410722.3
L4320.0	0.0	0.0	66650.89844	326.42	0	48.849444	-86.941000	56292.20	56235.2	14.80	56307.00	56307.89844	56341.31572	56333.39063	504328.4	5410721.1
L4320.0	0.0	0.0	66651.00000	326.99	0	48.849430	-86.941000	56291.88	56235.2	14.80	56306.68	56307.60547	56336.49403	56328.62109	504328.4	5410719.6
L4320.0	0.0	0.0	66651.10156	327.89	0	48.849430	-86.941000	56291.48	56235.2	14.80	56306.28	56307.23047	56329.80348	56321.98828	504328.4	5410719.6
L4320.0	0.0	0.0	66651.20313	326.69	0	48.849418	-86.941000	56291.21	56235.2	14.80	56306.01	56306.98438	56326.08205	56318.32031	504328.4	5410718.2
L4320.0	0.0	0.0	66651.29688	325.56	0	48.849401	-86.941000	56291.06	56235.2	14.80	56305.86	56306.85938	56325.13004	56317.41797	504328.4	5410716.3
L4320.0	0.0	0.0	66651.39844	326.95	0	48.849401	-86.941000	56290.98	56235.2	14.80	56305.78	56306.80469	56325.81027	56318.14844	504328.4	5410716.3
L4320.0	0.0	0.0	66651.50000	325.95	0	48.849384	-86.941000	56291.06	56235.2	14.81	56305.86	56306.91406	56330.22916	56322.62109	504328.4	5410714.5
L4320.0	0.0	0.0	66651.60156	325.95	0	48.849372	-86.941000	56291.08	56235.2	14.81	56305.88	56306.96094	56333.27007	56325.71484	504328.4	5410713.1
L4320.0	0.0	0.0	66651.70313	328.45	0	48.849372	-86.941000	56291.08	56235.2	14.81	56305.89	56306.99609	56336.08717	56328.58594	504328.4	5410713.1
L4320.0	0.0	0.0	66651.79688	327.78	0	48.849354	-86.940999	56291.10	56235.2	14.81	56305.91	56307.04297	56339.13851	56331.68750	504328.4	5410711.1
L4320.0	0.0	0.0	66651.89844	327.03	0	48.849354	-86.940999	56290.72	56235.2	14.81	56305.53	56306.68750	56332.85347	56325.44922	504328.4	5410711.1
L4320.0	0.0	0.0	66652.00000	324.97	0	48.849328	-86.940999	56290.60	56235.2	14.81	56305.41	56306.59766	56332.63439	56325.28125	504328.5	5410708.2
L4320.0	0.0	0.0	66652.10156	324.36	0	48.849328	-86.940999	56290.21	56235.2	14.81	56305.02	56306.23438	56326.14399	56318.84375	504328.5	5410708.2
L4320.0	0.0	0.0	66652.20313	324.51	0	48.849312	-86.940999	56289.98	56235.2	14.81	56304.79	56306.03125	56323.39972	56316.14844	504328.5	5410706.4
L4320.0	0.0	0.0	66652.29688	324.87	0	48.849297	-86.940999	56289.95	56235.2	14.81	56304.76	56306.03125	56325.29059	56318.08594	504328.5	5410704.7
L4320.0	0.0	0.0	66652.39844	326.34	0	48.849297	-86.940999	56290.04	56235.2	14.81	56304.84	56306.13672	56329.69253	56322.53516	504328.5	5410704.7
L4320.0	0.0	0.0	66652.50000	327.82	0	48.849288	-86.940999	56290.08	56235.2	14.81	56304.88	56306.20703	56333.14434	56326.03516	504328.5	5410703.7
L4320.0	0.0	0.0	66652.60156	330.21	0	48.849274	-86.941000	56290.44	56235.2	14.80	56305.25	56306.60547	56344.04056	56336.98047	504328.4	5410702.2
L4320.0	0.0	0.0	66652.70313	329.18	0	48.849274	-86.941000	56290.13	56235.2	14.80	56304.94	56306.32422	56339.51491	56332.50391	504328.4	5410702.2
L4320.0	0.0	0.0	66652.79688	328.75	0	48.849259	-86.941000	56290.01	56235.2	14.80	56304.81	56306.22266	56339.09317	56332.12500	504328.4	5410700.5
L4320.0	0.0	0.0	66652.89844	327.03	0	48.849259	-86.941000	56289.95	56235.2	14.80	56304.75	56306.19141	56340.26073	56333.33984	504328.4	5410700.5
L4320.0	0.0	0.0	66653.00000	325.31	0	48.849245	-86.941001	56289.84	56235.2	14.80	56304.64	56306.10938	56340.34614	56333.46875	504328.4	5410699.0
L4320.0	0.0	0.0	66653.10156	324.36	0	48.849234	-86.941001	56289.39	56235.2	14.80	56304.20	56305.69922	56333.22222	56326.39063	504328.4	5410697.7
L4320.0	0.0	0.0	66653.20313	324.26	0	48.849220	-86.941001	56288.91	56235.2	14.80	56303.71	56305.23828	56325.12040	56318.33203	504328.3	5410696.1
L4320.0	0.0	0.0	66653.29688	322.43	0	48.849208	-86.941002	56288.63	56235.2	14.81	56303.44	56304.99609	56321.92471	56315.17969	504328.3	5410694.8
L4320.0	0.0	0.0	66653.39844	322.19	0	48.849208	-86.941002	56288.76	56235.2	14.81	56303.57	56305.15625	56327.48797	56320.78516	504328.3	5410694.8
L4320.0	0.0	0.0	66653.50000	321.25	0	48.849191	-86.941002	56289.06	56235.2	14.81	56303.87	56305.48828	56336.76851	56330.10938	504328.2	5410693.0
L4320.0	0.0	0.0	66653.60156	321.25	0	48.849181	-86.941003	56289.19	56235.2	14.81	56304.00	56305.64844	56342.40370	56335.78516	504328.2	5410691.9
L4320.0	0.0	0.0	66653.70313	324.79	0	48.849181	-86.941003	56288.45	56235.2	14.81	56303.26	56304.93750	56329.22886	56322.65234	504328.2	5410691.9
L4320.0	0.0	0.0	66653.79688	323.33	0	48.849169	-86.941003	56288.32	56235.2	14.82	56303.14	56304.84766	56329.55260	56323.01563	504328.2	5410690.6
L4320.0	0.0	0.0	66653.89844	321.96	0	48.849159	-86.941004	56288.12	56235.2	14.82	56302.94	56304.67578	56328.18602	56321.68750	504328.2	5410689.4
L4320.0	0.0	0.0	66654.00000	322.28	0	48.849159	-86.941004	56287.86	56235.2	14.82	56302.68	56304.44531	56325.54825	56319.08594	504328.2	5410689.4
L4320.0	0.0	0.0	66654.10156	321.96	0	48.849142	-86.941004	56287.53	56235.2	14.82	56302.35	56304.14844	56321.39849	56314.97656	504328.1	5410687.6
L4320.0	0.0	0.0	66654.20313	321.90	0	48.849129	-86.941004	56287.23	56235.2	14.82	56302.04	56303.86719	56317.69021	56311.30859	504328.1	5410686.1
L4320.0	0.0	0.0	66654.29688	324.06	0	48.849129	-86.941004	56287.63	56235.2	14.82	56302.45	56304.30859	56329.92310	56323.57813	504328.1	5410686.1
L4320.0	0.0	0.0	66654.39844	325.10	0	48.849110	-86.941004	56287.66	56235.2	14.82	56302.48	56304.37109	56333.85294	56327.53906	504328.1	5410683.9
L4320.0	0.0	0.0	66654.50000	326.94	0	48.849099	-86.941004	56287.25	56235.2	14.82	56302.06	56303.98047	56327.77798	56321.50000	504328.1	5410682.7
L4320.0	0.0	0.0	66654.60156	326.50	0	48.849087	-86.941005	56286.95	56235.2	14.81	56301.76	56303.71094	56324.35804	56318.11719	504328.1	5410681.4
L4320.0	0.0	0.0	66654.70313	327.49	0	48.849087	-86.941005	56286.54	56235.2	14.81	56301.35	56303.33203	56318.42878	56312.22266	504328.1	5410681.4
L4320.0	0.0	0.0	66654.79688	330.08	0	48.849071	-86.941005	56286.38	56235.2	14.81	56301.19	56303.20313	56318.13555	56311.96094	504328.1	5410679.6

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4320.0	0.0	0.0	66654.89844	330.70	0	48.849057	-86.941005	56286.33	56235.2	14.81	56301.14	56303.18359	56320.35913	56314.21484	504328.1	5410678.1
L4320.0	0.0	0.0	66655.00000	328.73	0	48.849057	-86.941005	56286.54	56235.2	14.81	56301.35	56303.42578	56328.55898	56322.44531	504328.1	5410678.1
L4320.0	0.0	0.0	66655.10156	328.64	0	48.849057	-86.941005	56286.54	56235.2	14.81	56301.35	56303.45703	56331.97518	56325.89453	504328.1	5410678.1
L4320.0	0.0	0.0	66655.20313	326.20	0	48.849038	-86.941005	56286.33	56235.2	14.82	56301.15	56303.28516	56330.78724	56324.73828	504328.0	5410676.0
L4320.0	0.0	0.0	66655.29688	324.24	0	48.849038	-86.941005	56285.92	56235.2	14.82	56300.74	56302.90625	56324.73996	56318.71875	504328.0	5410676.0
L4320.0	0.0	0.0	66655.39844	323.91	0	48.849024	-86.941006	56285.57	56235.2	14.82	56300.39	56302.58984	56320.05606	56314.06250	504328.0	5410674.4
L4320.0	0.0	0.0	66655.50000	324.17	0	48.849010	-86.941006	56285.72	56235.2	14.82	56300.54	56302.76953	56326.86316	56320.89844	504328.0	5410672.8
L4320.0	0.0	0.0	66655.60156	324.17	0	48.848996	-86.941006	56285.41	56235.2	14.83	56300.24	56302.50000	56323.30690	56317.37109	504328.0	5410671.3
L4320.0	0.0	0.0	66655.70313	325.56	0	48.848996	-86.941006	56285.32	56235.2	14.83	56300.15	56302.44141	56324.55860	56318.64844	504328.0	5410671.3
L4320.0	0.0	0.0	66655.79688	325.52	0	48.848981	-86.941006	56285.23	56235.2	14.83	56300.06	56302.38281	56325.78944	56319.90625	504328.0	5410669.6
L4320.0	0.0	0.0	66655.89844	326.25	0	48.848981	-86.941006	56285.24	56235.2	14.84	56300.07	56302.42578	56329.27044	56323.41406	504328.0	5410669.6
L4320.0	0.0	0.0	66656.00000	327.35	0	48.848970	-86.941006	56285.01	56235.2	14.84	56299.85	56302.23438	56327.51287	56321.67969	504328.0	5410668.3
L4320.0	0.0	0.0	66656.10156	325.53	0	48.848955	-86.941006	56284.73	56235.2	14.84	56299.57	56301.98828	56324.41187	56318.60156	504328.0	5410666.8
L4320.0	0.0	0.0	66656.20313	324.90	0	48.848939	-86.941006	56284.67	56235.2	14.84	56299.51	56301.95703	56326.26939	56320.48438	504328.0	5410665.0
L4320.0	0.0	0.0	66656.29688	323.07	0	48.848939	-86.941006	56284.34	56235.2	14.84	56299.18	56301.66016	56322.08281	56316.32031	504328.0	5410665.0
L4320.0	0.0	0.0	66656.39844	323.18	0	48.848923	-86.941005	56284.11	56235.2	14.84	56298.95	56301.46094	56320.15641	56314.41406	504328.0	5410663.2
L4320.0	0.0	0.0	66656.50000	321.42	0	48.848911	-86.941005	56283.98	56235.2	14.84	56298.82	56301.35938	56320.46638	56314.74609	504328.1	5410661.8
L4320.0	0.0	0.0	66656.60156	322.56	0	48.848911	-86.941005	56284.14	56235.2	14.84	56298.98	56301.55078	56327.20661	56321.50781	504328.1	5410661.8
L4320.0	0.0	0.0	66656.70313	323.63	0	48.848896	-86.941005	56283.98	56235.2	14.84	56298.82	56301.42188	56326.83905	56321.16406	504328.1	5410660.2
L4320.0	0.0	0.0	66656.79688	323.25	0	48.848885	-86.941005	56283.96	56235.2	14.84	56298.80	56301.43359	56329.56673	56323.91016	504328.1	5410658.9
L4320.0	0.0	0.0	66656.89844	323.57	0	48.848885	-86.941005	56283.88	56235.2	14.84	56298.72	56301.38281	56330.95965	56325.32031	504328.1	5410658.9
L4320.0	0.0	0.0	66657.00000	323.37	0	48.848868	-86.941005	56283.68	56235.2	14.84	56298.52	56301.21484	56329.69504	56324.07422	504328.1	5410657.1
L4320.0	0.0	0.0	66657.10156	322.86	0	48.848853	-86.941006	56283.47	56235.2	14.84	56298.31	56301.03516	56328.20190	56322.60156	504328.0	5410655.4
L4320.0	0.0	0.0	66657.20313	323.39	0	48.848853	-86.941006	56283.22	56235.2	14.84	56298.06	56300.81641	56325.81488	56320.23438	504328.0	5410655.4
L4320.0	0.0	0.0	66657.29688	323.28	0	48.848835	-86.941006	56282.98	56235.2	14.84	56297.82	56300.60547	56323.63414	56318.07031	504328.0	5410653.4
L4320.0	0.0	0.0	66657.39844	326.57	0	48.848823	-86.941006	56282.61	56235.2	14.84	56297.44	56300.25391	56318.34900	56312.80078	504328.0	5410652.0
L4320.0	0.0	0.0	66657.50000	325.06	0	48.848823	-86.941006	56282.50	56235.2	14.83	56297.34	56300.18750	56319.22266	56313.69141	504328.0	5410652.0
L4320.0	0.0	0.0	66657.60156	325.06	0	48.848813	-86.941006	56282.30	56235.2	14.83	56297.14	56300.01563	56317.87153	56312.35547	504328.0	5410650.9
L4320.0	0.0	0.0	66657.70313	325.78	0	48.848796	-86.941006	56282.25	56235.2	14.83	56297.08	56299.98438	56319.59009	56314.08984	504328.0	5410649.0
L4320.0	0.0	0.0	66657.79688	325.13	0	48.848796	-86.941006	56282.50	56235.2	14.83	56297.34	56300.27344	56328.35087	56322.86328	504328.0	5410649.0
L4320.0	0.0	0.0	66657.89844	324.68	0	48.848782	-86.941007	56282.34	56235.2	14.83	56297.17	56300.13672	56327.60599	56322.13281	504328.0	5410647.5
L4320.0	0.0	0.0	66658.00000	325.63	0	48.848770	-86.941007	56282.10	56235.2	14.83	56296.93	56299.92578	56325.29655	56319.83594	504328.0	5410646.1
L4320.0	0.0	0.0	66658.10156	326.60	0	48.848759	-86.941007	56281.56	56235.2	14.83	56296.39	56299.41406	56316.34270	56310.89453	504327.9	5410645.0
L4320.0	0.0	0.0	66658.20313	324.49	0	48.848749	-86.941007	56281.18	56235.2	14.83	56296.02	56299.07422	56311.11846	56305.68359	504327.9	5410643.8
L4320.0	0.0	0.0	66658.29688	326.06	0	48.848749	-86.941007	56280.97	56235.2	14.83	56295.80	56298.88281	56309.18492	56303.76172	504327.9	5410643.8
L4320.0	0.0	0.0	66658.39844	322.86	0	48.848735	-86.941007	56281.28	56235.2	14.83	56296.12	56299.23047	56319.16660	56313.75391	504327.9	5410642.3
L4320.0	0.0	0.0	66658.50000	323.32	0	48.848735	-86.941007	56281.38	56235.2	14.83	56296.21	56299.35156	56324.05381	56318.65234	504327.9	5410642.3
L4320.0	0.0	0.0	66658.60156	322.51	0	48.848723	-86.941008	56281.22	56235.2	14.84	56296.06	56299.22656	56323.62213	56318.23438	504327.9	5410640.9
L4320.0	0.0	0.0	66658.70313	322.83	0	48.848700	-86.941008	56280.93	56235.2	14.84	56295.76	56298.95703	56319.85642	56314.47656	504327.9	5410638.4
L4320.0	0.0	0.0	66658.79688	323.30	0	48.848700	-86.941008	56280.26	56235.2	14.84	56295.10	56298.32422	56308.09158	56302.72266	504327.9	5410638.4
L4320.0	0.0	0.0	66658.89844	323.37	0	48.848687	-86.941008	56280.08	56235.2	14.84	56294.92	56298.17188	56306.94388	56301.58203	504327.9	5410636.9
L4320.0	0.0	0.0	66659.00000	326.04	0	48.848687	-86.941008	56280.08	56235.2	14.84	56294.92	56298.19922	56309.78745	56304.43359	504327.9	5410636.9
L4320.0	0.0	0.0	66659.10156	327.51	0	48.848674	-86.941009	56280.18	56235.2	14.84	56295.02	56298.32813	56314.86343	56309.51953	504327.8	5410635.5
L4320.0	0.0	0.0	66659.20313	326.15	0	48.848662	-86.941009	56280.06	56235.2	14.84	56294.89	56298.22656	56314.81403	56309.47656	504327.8	5410634.2
L4320.0	0.0	0.0	66659.29688	324.37	0	48.848650	-86.941009	56280.38	56235.2	14.84	56295.22	56298.58203	56325.06931	56319.73828	504327.8	5410632.8
L4320.0	0.0	0.0	66659.39844	323.49	0	48.848650	-86.941009	56280.52	56235.2	14.84	56295.36	56298.75000	56331.10037	56325.77734	504327.8	5410632.8
L4320.0	0.0	0.0	66659.50000	323.33	0	48.848634	-86.941009	56280.26	56235.2	14.84	56295.10	56298.51563	56328.13526	56322.81641	504327.8	5410631.1
L4320.0	0.0	0.0	66659.50000	323.33	0	48.848620	-86.941010	56279.88	56235.2	14.84	56294.72	56298.16406	56322.42553	56317.11328	504327.7	5410629.5
L4320.0	0.0	0.0	66659.70313	324.72	0	48.848620	-86.941010	56279.54	56235.2	14.84	56294.38	56297.85156	56317.57834	56312.26953	504327.7	5410629.5
L4320.0	0.0	0.0	66659.79688	323.34	0	48.848606	-86.941010	56279.57	56235.2	14.84	56294.41	56297.90625	56321.07855	56315.77344	504327.7	5410628.0
L4320.0	0.0	0.0	66659.89844	325.48	0	48.848590	-86.941011	56279.51	56235.2	14.84	56294.35	56297.87109	56322.52946	56317.23047	504327.7	5410626.2
L4320.0	0.0	0.0	66660.00000	326.79	0	48.848590	-86.941011	56279.34	56235.2	14.84	56294.18	56297.72656	56321.47538	56316.17969	504327.7	5410626.2
L4320.0	0.0	0.0	66660.10156	328.64	0	48.848576	-86.941011	56279.21	56235.2	14.84	56294.06	56297.63281	56321.54610	56316.25391	504327.7	5410624.6
L4320.0	0.0	0.0	66660.20313	326.64	0	48.848563	-86.941011	56279.11	56235.2	14.84	56293.95	56297.54688	56321.83878	56316.54688	504327.6	5410623.2
L4320.0	0.0	0.0	66660.29688	327.00	0	48.848549	-86.941012	56279.01	56235.2	14.85	56293.86	56297.48438	56322.58274	56317.29297	504327.6	5410621.6
L4320.0	0.0	0.0	66660.39844	326.64	0	48.848549	-86.941012	56278.98	56235.2	14.85	56293.83	56297.47656	56324.68716	56319.39844	504327.6	5410621.6
L4320.0	0.0	0.0	66660.50000	325.95	0	48.848535	-86.941012	56278.93	56235.2	14.85	56293.78	56297.45313	56326.34018	56321.05078	504327.6	5410620.0
L4320.0	0.0	0.0	66660.60156	325.40	0	48.848518	-86.941012	56278.70	56235.1	14.85	56293.56	56297.25781	56324.14746	56318.85938	504327.6	5410618.2
L4320.0	0.0	0.0	66660.70313	324.87	0	48.848518	-86.941012	56278.49	56235.1	14.85	56293.35	56297.07031	56322.19177	56316.90234	504327.6	5410618.2
L4320.0	0.0	0.0	66660.79688	324.50	0	48.848504	-86.941012	56277.99	56235.1	14.86	56292.85	56296.59375	56313.67903	56308.38672	504327.6	5410616.6
L4320.0	0.0	0.0	66660.89844	322.77	0	48.848492	-86.941012	56277.32	56235.1	14.86	56292.17	56295.93750	56301.09481	56295.80078	504327.6	5410615.2
L4320.0	0.0	0.0	66661.00000	323.26	0	48.848492	-86.941012	56277.05	56235.1	14.86	56291.91	56295.69922	56298.03533	56292.73828	504327.6	5410615.2
L4320.0	0.0	0.0	66661.10156	322.78	0	48.848477	-86.941012	56277.34	56235.1	14.86	56292.20	56296.01172	56307.47392	56302.17578	504327.6	5410613.6
L4320.0	0.0	0.0	66661.20313	322.58	0	48.848477	-86.941012	56277.79	56235.1	14.86	56292.65	56296.48438	56320.59425	56315.29297	504327.6	5410613.6
L4320.0	0.0	0.0	66661.29688	324.55	0	48.848463	-86.941012	56278.09	56235.1	14.86	56292.95	56296.80859	56330.36161	56325.05469	504327.6	5410612.0
L4320.0	0.0	0.0	66661.39844	325.42	0	48.848451	-86.941012	56277.96	56235.1	14.86	56292.82	56296.69922	56330.37400	56325.06250	504327.6	5410610.7
L4320.0	0.0	0.0	66661.50000	323.63	0	48.848436	-86.941012	56277.73	56235.1	14.86	56292.60	56296.50000	56328.35141	56323.03516	504327.6	5410609.1
L4320.0	0.0	0.0	66661.60156	323.63	0	48.848436	-86.941012	56277.32	56235.1	14.87	56292.19	56296.11328	56321.97730	56316.65234	504327.6	5410609.1
L4320.0	0.0	0.0	66661.70313	326.41	0	48.848419	-86.941012	56277.09	56235.1	14.87	56291.96	56295.90234	56319.73345	56314.40234	504327.6	5410607.1
L4320.0	0.0	0.0	66661.79688	328.35	0	48.848405	-86.941012	56276.94	56235.1	14.87	56291.81	56295.77344	56319.34469	56314.00781	504327.6	5410605.6
L4320.0	0.0	0.0	66661.89844	330.28	0	48.848405	-86.941012	56276.89	56235.1	14.87	56291.76	56295.74219	56321.29305	56315.94531	504327.6	5410605.6
L4320.0	0.0	0.0	66662.00000	330.86	0	48.848394	-86.941012	56276.89	56235.1	14.87	56291.76	56295.76563	56324.43557	56319.07813	504327.6	5410604.3
L4320.0	0.0	0.0	66662.10156	329.56	0	48.848379	-86.941013	56276.94	56235.1	14.87	56291.81	56295.83203	56328.78100	56323.41797	504327.6	5410602.7
L4320.0	0.0	0.0	66662.20313	328.17	0	48.848379	-86.941013	56276.99	56235.1	14.87	56291.86	56295.90234	56333.16196	56327.78516	504327.6	5410602.7
L4320.0	0.0	0.0	66662.29688	328.07	0	48.848360	-86.941013	56276.64	56235.1	14.87	56291.51	56295.57031	56328.15019	56322.76172	504327.5	5410600.6
L4320.0	0.0	0.0	66662.39844	329.48	0	48.848347	-86.941013	56276.20	56235.1	14.87	56291.07	56295.14844	56320.97763	56315.57813	504327.5	5410599.2
L4320.0	0.0	0.0	66662.50000	327.44	0	48.848334	-86.941013	56275.95	56235.1	14.87	56290.82	56294.91797	56318.25924	56312.84766	504327.5	5410597.7
L4320.0	0.0	0.0	66662.60156	326.05	0	48.848334	-86.941013	56275.71	56235.1	14.87	56290.58	56294.69531	56315.75922	56310.33594	504327.5	5410597.7
L4320.0	0.0	0.0	66662.70313	326.35	0	48.848319	-86.941013	56275.70	56235.1	14.87	56290.57	56294.70313	56318.69724	56313.25781	504327.5	5410596.0
L4320.0	0.0	0.0	66662.79688	326.41	0	48.848319	-86.941013	56275.76	56235.1	14.87	56290.63	56294.78125	56323.28257	56317.82813	504327.5	5410596.0
L4320.0	0.0	0.0	66662.89844	325.49	0	48.848305	-86.941013	56275.95	56235.1	14.87	56290.82	56294.98828	56330.93125	56325.46094	504327.5	5410594.5
L4320.0	0.0	0.0	66663.00000	325.89	0	48.848288	-86.941013	56275.58	56235.1	14.87	56290.45	56294.63281	56325.31079	56319.82422	504327.5	5410592.5
L4320.0	0.0	0.0	66663.10156	326.61	0	48.848288	-86.941013	56275.28	56235.1	14.87	56290.15	56294.35156	56321.35676	56315.85547	504327.5	5410592.5
L4320.0	0.0	0.0	66663.20313	326.89	0	48.848277	-86.941014	56274.96	56235.1	14.88	56289.83	56294.04688	56316.94814	56311.42578	504327.5	5410591.3
L4320.0	0.0	0.0	66663.29688	325.62	0	48.848262	-86.941014	56274.95	56235.1	14.88	56289.82	56294.05078	56319.85752	56314.31641	504327.5	5410589.7
L4320.0	0.0	0.0	66663.39844	323.98	0	48.848262	-86.941014	56274.87	56235.1	14.88	56289.75	56293.99609	56321.35775	56315.79688	504327.5	5410589.7
L4320.0	0.0	0.0	66663.50000	324.63	0	48.848248	-86.941014	56274.90	56235.1	14.89	56289.78	56294.04297	56325.21221	56319.63281	504327.5	5410588.2
L4320.0	0.0	0.0	66663.60156	324.63	0	48.848233	-86.941014	56274.85	56235.1	14.89	56289.74	56294.01563	56327.43316	56321.83203	504327.5	5410586.4
L4320.0	0.0	0.0	66663.70313	322.46	0	48.848233	-86.941014	56274.79	56235.1	14.89	56289.68	56293.96875	56329.20155	56323.57813	504327.5	5410586.4
L4320.0	0.0	0.0	66663.79688	322.06	0	48.848219	-86.941014	56274.36	56235.1	14.89	56289.26	56293.56250	56322.57027	56316.92188	504327.5	5410584.9
L4320.0	0.0	0.0	66663.89844	324.98	0	48.848208	-86.941014	56273.75	56235.1	14.90	56288.65	56292.96484	56311.52285	56305.84766	504327.5	5410583.7
L4320.0	0.0	0.0	66664.00000	326.43	0	48.848191	-86.941015	56273.45	56235.1	14.90	56288.35	56292.67969	56307.74786	56302.05078	504327.4	5410581.9
L4320.0	0.0	0.0	66664.10156	326.00	0	48.848191	-86.941015	56273.23	56235.1	14.90	56288.13	56292.47266	56305.86180	56300.14063	504327.4	5410581.9

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4320.0	0.0	0.0	66664.20313	326.15	0	48.848173	-86.941015	56273.45	56235.1	14.90	56288.35	56292.70313	56314.30776	56308.55859	504327.4	5410579.8
L4320.0	0.0	0.0	66664.29688	325.26	0	48.848173	-86.941015	56273.60	56235.1	14.90	56288.50	56292.86719	56321.15155	56315.37109	504327.4	5410579.8
L4320.0	0.0	0.0	66664.39844	325.98	0	48.848161	-86.941015	56273.68	56235.1	14.90	56288.58	56292.95703	56326.38904	56320.58203	504327.4	5410578.5
L4320.0	0.0	0.0	66664.50000	326.60	0	48.848149	-86.941015	56273.41	56235.1	14.90	56288.31	56292.69922	56323.41047	56317.57422	504327.4	5410577.1
L4320.0	0.0	0.0	66664.60156	327.02	0	48.848149	-86.941015	56272.98	56235.1	14.90	56287.88	56292.27734	56316.65309	56310.78516	504327.4	5410577.1
L4320.0	0.0	0.0	66664.70313	327.31	0	48.848136	-86.941015	56272.68	56235.1	14.90	56287.58	56291.98828	56312.95419	56307.05469	504327.4	5410575.7
L4320.0	0.0	0.0	66664.79688	325.70	0	48.848125	-86.941015	56272.20	56235.1	14.90	56287.10	56291.51953	56304.98928	56299.05469	504327.4	5410574.5
L4320.0	0.0	0.0	66664.89844	325.41	0	48.848112	-86.941015	56272.17	56235.1	14.90	56287.07	56291.49609	56307.67074	56301.70313	504327.4	5410573.0
L4320.0	0.0	0.0	66665.00000	324.45	0	48.848112	-86.941015	56271.94	56235.1	14.90	56286.84	56291.27734	56305.61752	56299.61328	504327.4	5410573.0
L4320.0	0.0	0.0	66665.10156	325.17	0	48.848096	-86.941015	56272.14	56235.1	14.90	56287.04	56291.48438	56313.72425	56307.68750	504327.4	5410571.2
L4320.0	0.0	0.0	66665.20313	327.72	0	48.848096	-86.941015	56272.17	56235.1	14.90	56287.06	56291.51563	56317.53940	56311.46484	504327.4	5410571.2
L4320.0	0.0	0.0	66665.29688	327.65	0	48.848067	-86.941016	56272.33	56235.1	14.89	56287.22	56291.67969	56324.58642	56318.47266	504327.4	5410568.1
L4320.0	0.0	0.0	66665.39844	327.98	0	48.848067	-86.941016	56272.04	56235.1	14.89	56286.93	56291.39844	56321.02935	56314.87500	504327.4	5410568.1
L4320.0	0.0	0.0	66665.50000	327.35	0	48.848053	-86.941016	56271.71	56235.1	14.89	56286.60	56291.07813	56316.55552	56310.36328	504327.3	5410566.4
L4320.0	0.0	0.0	66665.60156	327.35	0	48.848053	-86.941016	56271.02	56235.1	14.89	56285.91	56290.39453	56303.86172	56297.62891	504327.3	5410566.4
L4320.0	0.0	0.0	66665.70313	326.74	0	48.848036	-86.941016	56270.63	56235.1	14.89	56285.52	56290.00781	56298.21642	56291.94141	504327.3	5410564.6
L4320.0	0.0	0.0	66665.79688	326.74	0	48.848026	-86.941016	56270.66	56235.1	14.88	56285.55	56290.04688	56302.13437	56295.81641	504327.3	5410563.5
L4320.0	0.0	0.0	66665.89844	324.80	0	48.848010	-86.941017	56270.77	56235.1	14.88	56285.65	56290.15234	56307.51801	56301.15234	504327.3	5410561.7
L4320.0	0.0	0.0	66666.00000	325.41	0	48.848010	-86.941017	56270.79	56235.1	14.88	56285.67	56290.17578	56311.01285	56304.60547	504327.3	5410561.7
L4320.0	0.0	0.0	66666.10156	325.71	0	48.847986	-86.941017	56270.66	56235.1	14.88	56285.54	56290.05078	56311.17393	56304.71875	504327.3	5410559.0
L4320.0	0.0	0.0	66666.20313	324.93	0	48.847986	-86.941017	56270.48	56235.1	14.89	56285.37	56289.88672	56310.48595	56303.98438	504327.3	5410559.0
L4320.0	0.0	0.0	66666.29688	322.51	0	48.847986	-86.941017	56270.45	56235.1	14.89	56285.35	56289.87109	56312.98456	56306.43359	504327.3	5410559.0
L4320.0	0.0	0.0	66666.39844	322.36	0	48.847970	-86.941016	56270.28	56235.1	14.90	56285.18	56289.70313	56312.32917	56305.72656	504327.3	5410557.3
L4320.0	0.0	0.0	66666.50000	321.64	0	48.847957	-86.941016	56270.26	56235.1	14.90	56285.16	56289.68750	56314.79006	56308.14063	504327.3	5410555.8
L4320.0	0.0	0.0	66666.60156	320.65	0	48.847945	-86.941016	56270.10	56235.1	14.90	56285.00	56289.53125	56314.40548	56307.70703	504327.3	5410554.4
L4320.0	0.0	0.0	66666.70313	321.30	0	48.847945	-86.941016	56270.26	56235.1	14.91	56285.17	56289.70703	56320.66688	56313.91406	504327.3	5410554.4
L4320.0	0.0	0.0	66666.79688	317.96	0	48.847933	-86.941016	56270.18	56235.1	14.91	56285.09	56289.62891	56321.93018	56315.12500	504327.3	5410553.1
L4320.0	0.0	0.0	66666.89844	316.32	0	48.847917	-86.941016	56269.95	56235.1	14.92	56284.87	56289.41016	56320.51652	56313.65625	504327.3	5410551.3
L4320.0	0.0	0.0	66667.00000	317.12	0	48.847904	-86.941016	56269.48	56235.1	14.92	56284.40	56288.94141	56314.35951	56307.44531	504327.3	5410549.9
L4320.0	0.0	0.0	66667.10156	318.14	0	48.847904	-86.941016	56269.13	56235.1	14.92	56284.05	56288.59375	56310.68591	56303.71484	504327.3	5410549.9
L4320.0	0.0	0.0	66667.20313	319.68	0	48.847890	-86.941017	56268.98	56235.1	14.92	56283.89	56288.43750	56310.79651	56303.76953	504327.3	5410548.3
L4320.0	0.0	0.0	66667.29688	321.00	0	48.847875	-86.941017	56268.95	56235.1	14.92	56283.87	56288.41797	56313.70330	56306.61719	504327.3	5410546.7
L4320.0	0.0	0.0	66667.39844	321.54	0	48.847875	-86.941017	56269.29	56235.1	14.92	56284.20	56288.74609	56323.49256	56316.34766	504327.3	5410546.7
L4320.0	0.0	0.0	66667.50000	319.19	0	48.847861	-86.941017	56269.26	56235.1	14.92	56284.17	56288.71875	56326.46479	56319.26172	504327.3	5410545.1
L4320.0	0.0	0.0	66667.50000	319.19	0	48.847861	-86.941017	56269.11	56235.1	14.92	56284.02	56288.57031	56327.23935	56319.97656	504327.3	5410545.1
L4320.0	0.0	0.0	66667.70313	321.27	0	48.847849	-86.941017	56268.62	56235.1	14.91	56283.53	56288.07813	56321.42594	56314.10156	504327.3	5410543.7
L4320.0	0.0	0.0	66667.79688	319.90	0	48.847836	-86.941017	56268.34	56235.1	14.91	56283.25	56287.80078	56319.78436	56312.39844	504327.3	5410542.3
L4320.0	0.0	0.0	66667.89844	321.61	0	48.847836	-86.941017	56267.95	56235.1	14.91	56282.86	56287.41016	56315.96668	56308.51563	504327.3	5410542.3
L4320.0	0.0	0.0	66668.00000	322.26	0	48.847820	-86.941017	56267.98	56235.1	14.91	56282.89	56287.43750	56320.69279	56313.17969	504327.3	5410540.5
L4320.0	0.0	0.0	66668.10156	323.73	0	48.847804	-86.941017	56267.96	56235.1	14.91	56282.87	56287.41797	56324.55660	56316.98047	504327.3	5410538.8
L4320.0	0.0	0.0	66668.20313	324.44	0	48.847790	-86.941017	56267.61	56235.1	14.91	56282.52	56287.06641	56321.64192	56314.00000	504327.3	5410537.2
L4320.0	0.0	0.0	66668.29688	324.31	0	48.847790	-86.941017	56267.24	56235.1	14.92	56282.15	56286.69531	56318.23954	56310.53125	504327.3	5410537.2
L4320.0	0.0	0.0	66668.39844	325.91	0	48.847775	-86.941017	56266.12	56235.1	14.92	56281.04	56285.58203	56298.83460	56291.06250	504327.3	5410535.6
L4320.0	0.0	0.0	66668.50000	323.10	0	48.847760	-86.941017	56265.71	56235.1	14.92	56280.63	56285.17188	56294.19046	56286.35156	504327.3	5410533.9
L4320.0	0.0	0.0	66668.60156	324.01	0	48.847760	-86.941017	56265.33	56235.1	14.92	56280.25	56284.78906	56290.10749	56282.19922	504327.3	5410533.9
L4320.0	0.0	0.0	66668.70313	325.24	0	48.847742	-86.941016	56265.38	56235.1	14.92	56280.30	56284.83984	56295.51684	56287.54297	504327.3	5410531.9
L4320.0	0.0	0.0	66668.79688	326.45	0	48.847742	-86.941016	56265.82	56235.1	14.93	56280.74	56285.27734	56309.80526	56301.76172	504327.3	5410531.9
L4320.0	0.0	0.0	66668.89844	327.11	0	48.847730	-86.941016	56266.32	56235.1	14.93	56281.25	56285.78516	56325.93026	56317.81641	504327.3	5410530.6
L4320.0	0.0	0.0	66669.00000	327.56	0	48.847712	-86.941016	56266.40	56235.1	14.93	56281.33	56285.85938	56332.46162	56324.27734	504327.3	5410528.6
L4320.0	0.0	0.0	66669.10156	326.15	0	48.847712	-86.941016	56266.12	56235.1	14.93	56281.05	56285.57813	56330.76199	56322.50781	504327.3	5410528.6
L4320.0	0.0	0.0	66669.20313	325.74	0	48.847699	-86.941017	56265.20	56235.1	14.93	56280.13	56284.65625	56314.20430	56305.88281	504327.3	5410527.1
L4320.0	0.0	0.0	66669.29688	327.40	0	48.847699	-86.941017	56264.57	56235.1	14.93	56279.50	56284.02344	56304.18977	56295.79297	504327.3	5410527.1
L4320.0	0.0	0.0	66669.39844	326.59	0	48.847682	-86.941017	56264.07	56235.1	14.93	56279.00	56283.51953	56297.11166	56288.64453	504327.3	5410525.3
L4320.0	0.0	0.0	66669.50000	327.24	0	48.847670	-86.941017	56263.87	56235.1	14.93	56278.80	56283.31641	56296.98331	56288.44141	504327.3	5410523.9
L4320.0	0.0	0.0	66669.60156	327.24	0	48.847658	-86.941017	56264.04	56235.1	14.93	56278.97	56283.48438	56305.47703	56296.86719	504327.3	5410522.5
L4320.0	0.0	0.0	66669.70313	326.32	0	48.847658	-86.941017	56263.92	56235.1	14.93	56278.85	56283.36328	56307.19340	56298.50781	504327.3	5410522.5
L4320.0	0.0	0.0	66669.79688	326.79	0	48.847646	-86.941017	56264.20	56235.1	14.93	56279.13	56283.63672	56318.21285	56309.45313	504327.3	5410521.2
L4320.0	0.0	0.0	66669.89844	327.65	0	48.847634	-86.941018	56263.68	56235.1	14.93	56278.61	56283.11719	56310.56846	56301.73438	504327.3	5410519.8
L4320.0	0.0	0.0	66670.00000	327.56	0	48.847634	-86.941018	56263.41	56235.1	14.93	56278.34	56282.84375	56308.74555	56299.83984	504327.3	5410519.8
L4320.0	0.0	0.0	66670.10156	326.79	0	48.847608	-86.941018	56262.90	56235.1	14.93	56277.83	56282.32813	56301.36890	56292.39063	504327.3	5410517.0
L4320.0	0.0	0.0	66670.20313	325.89	0	48.847608	-86.941018	56262.65	56235.1	14.93	56277.58	56282.07422	56300.03571	56290.98438	504327.3	5410517.0
L4320.0	0.0	0.0	66670.29688	325.54	0	48.847589	-86.941018	56262.83	56235.1	14.93	56277.76	56282.25391	56308.60807	56299.48047	504327.3	5410514.9
L4320.0	0.0	0.0	66670.39844	326.26	0	48.847580	-86.941018	56262.81	56235.1	14.93	56277.74	56282.23047	56312.54977	56303.34766	504327.3	5410513.8
L4320.0	0.0	0.0	66670.50000	323.92	0	48.847580	-86.941018	56262.48	56235.1	14.93	56277.42	56281.90625	56309.62586	56300.34766	504327.3	5410513.8
L4320.0	0.0	0.0	66670.60156	323.87	0	48.847568	-86.941018	56261.73	56235.1	14.94	56276.67	56281.15234	56296.93828	56287.58594	504327.3	5410512.5
L4320.0	0.0	0.0	66670.70313	323.69	0	48.847568	-86.941018	56261.66	56235.1	14.94	56276.60	56281.08203	56299.80905	56290.38281	504327.3	5410512.5
L4320.0	0.0	0.0	66670.79688	323.76	0	48.847548	-86.941017	56261.44	56235.1	14.94	56276.38	56280.85938	56299.29465	56289.79297	504327.3	5410510.4
L4320.0	0.0	0.0	66670.89844	324.77	0	48.847534	-86.941017	56261.15	56235.1	14.94	56276.09	56280.56641	56297.23116	56287.65234	504327.3	5410508.8
L4320.0	0.0	0.0	66671.00000	325.50	0	48.847534	-86.941017	56261.14	56235.1	14.94	56276.08	56280.55469	56301.56506	56291.91406	504327.3	5410508.8
L4320.0	0.0	0.0	66671.10156	323.34	0	48.847523	-86.941016	56261.02	56235.1	14.94	56275.96	56280.42969	56303.45286	56293.72656	504327.4	5410507.5
L4320.0	0.0	0.0	66671.20313	321.84	0	48.847510	-86.941016	56261.45	56235.1	14.94	56276.40	56280.86719	56318.13463	56308.33594	504327.4	5410506.1
L4320.0	0.0	0.0	66671.29688	322.25	0	48.847510	-86.941016	56261.47	56235.1	14.94	56276.41	56280.87500	56323.13302	56313.25781	504327.4	5410506.1
L4320.0	0.0	0.0	66671.39844	323.03	0	48.847485	-86.941014	56261.48	56235.1	14.94	56276.42	56280.88672	56328.22248	56318.27344	504327.5	5410503.3
L4320.0	0.0	0.0	66671.50000	325.41	0	48.847485	-86.941014	56261.02	56235.1	14.94	56275.96	56280.42188	56322.63637	56312.60938	504327.5	5410503.3
L4320.0	0.0	0.0	66671.60156	325.41	0	48.847476	-86.941014	56260.13	56235.1	14.95	56275.07	56279.53125	56307.18616	56297.08984	504327.6	5410502.3
L4320.0	0.0	0.0	66671.70313	325.90	0	48.847462	-86.941013	56259.59	56235.1	14.95	56274.53	56278.99219	56299.76653	56289.59766	504327.6	5410500.7
L4320.0	0.0	0.0	66671.79688	324.88	0	48.847462	-86.941013	56259.20	56235.1	14.95	56274.15	56278.60938	56296.06005	56285.81641	504327.6	5410500.7
L4320.0	0.0	0.0	66671.89844	325.17	0	48.847448	-86.941012	56259.18	56235.1	14.95	56274.13	56278.58984	56300.76193	56290.44141	504327.7	5410499.2
L4320.0	0.0	0.0	66672.00000	325.61	0	48.847433	-86.941012	56259.28	56235.1	14.95	56274.23	56278.68750	56308.36084	56297.96875	504327.7	5410497.5
L4320.0	0.0	0.0	66672.10156	326.98	0	48.847419	-86.941011	56259.54	56235.1	14.95	56274.49	56278.94922	56319.81505	56309.35156	504327.8	5410496.0
L4320.0	0.0	0.0	66672.20313	327.31	0	48.847409	-86.941011	56259.35	56235.1	14.95	56274.30	56278.75781	56320.82835	56310.29297	504327.8	5410494.9
L4320.0	0.0	0.0	66672.29688	329.29	0	48.847409	-86.941011	56258.75	56235.1	14.95	56273.70	56278.16016	56312.26276	56301.65625	504327.8	5410494.9
L4320.0	0.0	0.0	66672.39844	331.42	0	48.847394	-86.941011	56258.18	56235.1	14.95	56273.13	56277.58984	56304.44105	56293.76172	504327.8	5410493.2
L4320.0	0.0	0.0	66672.50000	331.35	0	48.847384	-86.941011	56258.29	56235.1	14.95	56273.24	56277.70313	56312.68648	56301.93750	504327.8	5410492.1
L4320.0	0.0	0.0	66672.60156	328.85	0	48.847384	-86.941011	56258.00	56235.1	14.95	56272.95	56277.41406	56311.58787	56300.76953	504327.8	5410492.1
L4320.0	0.0	0.0	66672.70313	328.50	0	48.847367	-86.941011	56258.18	56235.1	14.95	56273.13	56277.59375	56321.60752	56310.71875	504327.8	5410490.2
L4320.0	0.0	0.0	66672.79688	327.83	0	48.847357	-86.941011	56257.98	56235.1	14.95	56272.93	56277.39844	56322.75759	56311.80078	504327.8	5410489.1
L4320.0	0.0	0.0	66672.89844	325.95	0	48.847344	-86.941011	56257.98	56235.1	14.95	56272.93	56277.39844	56328.65957	56317.63281	504327.8	5410487.6
L4320.0	0.0	0.0	66673.00000	325.71	0	48.847344	-86.941011	56257.70	56235.1	14.95	56272.65	56277.12500	56328.09041	56316.99609	504327.8	5410487.6
L4320.0	0.0	0.0	66673.10156	325.54	0	48.847331	-86.941011	56257.42	56235	14.95	56272.37	56276.84766	56327.62404	56316.46094	504327.8	5410486.2
L4320.0	0.0	0.0	66673.20313	326.67	0	48.847317	-86.941012	56256.78	56235	14.95	56271.73	56276.21094	56318.95253	56307.72656	504327.7	5410484.6
L4320.0	0.0	0.0	66673.29688	325.86	0	48.847317	-86.941012	56256.40	56235	14.95	56271.35	56275.83594	56316.46144	56305.16797	504327.7	5410484.6
L4320.0	0.0	0.0	66673.39844	324.00	0	48.847300	-86.941012	56255.68	56235	14.95	56270.63	56275.12109	56306.34105	56294.98047	504327.7	5410482.8

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4320.0	0.0	0.0	66673.50000	322.84	0	48.847288	-86.941012	56255.38	56235	14.95	56270.33	56274.82813	56306.03345	56294.60938	504327.7	5410481.4
L4320.0	0.0	0.0	66673.60156	322.84	0	48.847288	-86.941012	56255.33	56235	14.96	56270.29	56274.79297	56311.78819	56300.30469	504327.7	5410481.4
L4320.0	0.0	0.0	66673.70313	325.36	0	48.847276	-86.941013	56255.20	56235	14.96	56270.15	56274.66016	56315.40302	56303.85547	504327.6	5410480.0
L4320.0	0.0	0.0	66673.79688	324.59	0	48.847263	-86.941013	56255.24	56235	14.96	56270.20	56274.71875	56323.45682	56311.84766	504327.6	5410478.6
L4320.0	0.0	0.0	66673.89844	323.30	0	48.847249	-86.941014	56255.04	56235	14.96	56270.00	56274.52344	56326.03571	56314.36719	504327.6	5410477.1
L4320.0	0.0	0.0	66674.00000	323.22	0	48.847249	-86.941014	56254.88	56235	14.96	56269.83	56274.36328	56329.48072	56317.75000	504327.6	5410477.1
L4320.0	0.0	0.0	66674.10156	324.35	0	48.847236	-86.941014	56253.76	56235	14.96	56268.72	56273.26172	56312.04438	56300.25781	504327.5	5410475.6
L4320.0	0.0	0.0	66674.20313	322.83	0	48.847220	-86.941015	56252.88	56235	14.96	56267.84	56272.39063	56299.98984	56288.14453	504327.5	5410473.9
L4320.0	0.0	0.0	66674.29688	322.15	0	48.847220	-86.941015	56252.64	56235	14.96	56267.60	56272.16406	56302.48590	56290.58594	504327.5	5410473.9
L4320.0	0.0	0.0	66674.39844	323.83	0	48.847206	-86.941016	56252.02	56235	14.96	56266.98	56271.55469	56296.65050	56284.69531	504327.4	5410472.4
L4320.0	0.0	0.0	66674.50000	324.91	0	48.847191	-86.941017	56252.26	56235	14.96	56267.22	56271.80469	56310.34448	56298.33203	504327.4	5410470.7
L4320.0	0.0	0.0	66674.60156	324.85	0	48.847180	-86.941017	56252.21	56235	14.96	56267.17	56271.76953	56317.76081	56305.69922	504327.3	5410469.4
L4320.0	0.0	0.0	66674.70313	324.62	0	48.847180	-86.941017	56252.16	56235	14.96	56267.12	56271.73047	56325.42206	56313.30859	504327.3	5410469.4
L4320.0	0.0	0.0	66674.79688	323.71	0	48.847162	-86.941018	56251.14	56235	14.96	56266.10	56270.72656	56311.31955	56299.15625	504327.3	5410467.4
L4320.0	0.0	0.0	66674.89844	326.21	0	48.847154	-86.941018	56251.06	56235	14.96	56266.02	56270.66016	56318.71234	56306.49609	504327.3	5410466.5
L4320.0	0.0	0.0	66675.00000	325.52	0	48.847138	-86.941019	56250.86	56235	14.96	56265.82	56270.47266	56323.59628	56311.33203	504327.2	5410464.7
L4320.0	0.0	0.0	66675.10156	325.53	0	48.847138	-86.941019	56250.14	56235	14.96	56265.10	56269.76953	56316.77979	56304.46875	504327.2	5410464.7
L4320.0	0.0	0.0	66675.20313	325.12	0	48.847122	-86.941019	56249.25	56235	14.96	56264.21	56268.89844	56306.19136	56293.83984	504327.2	5410462.9
L4320.0	0.0	0.0	66675.29688	323.84	0	48.847122	-86.941019	56248.56	56235	14.96	56263.52	56268.22656	56300.32124	56287.92578	504327.2	5410462.9
L4320.0	0.0	0.0	66675.39844	323.09	0	48.847106	-86.941020	56248.48	56235	14.96	56263.44	56268.16406	56308.66193	56296.22266	504327.2	5410461.2
L4320.0	0.0	0.0	66675.50000	324.34	0	48.847096	-86.941020	56247.93	56235	14.96	56262.89	56267.63281	56306.33155	56293.84766	504327.2	5410460.1
L4320.0	0.0	0.0	66675.60156	324.34	0	48.847083	-86.941020	56247.67	56235	14.96	56262.63	56267.39063	56310.85050	56298.32813	504327.1	5410458.6
L4320.0	0.0	0.0	66675.70313	326.66	0	48.847083	-86.941020	56246.80	56235	14.96	56261.76	56266.54297	56301.42584	56288.86719	504327.1	5410458.6
L4320.0	0.0	0.0	66675.79688	326.92	0	48.847068	-86.941020	56246.32	56235	14.96	56261.28	56266.08594	56301.16180	56288.56641	504327.1	5410456.9
L4320.0	0.0	0.0	66675.89844	326.58	0	48.847068	-86.941020	56246.04	56235	14.96	56261.00	56265.82813	56305.65246	56293.02344	504327.1	5410456.9
L4320.0	0.0	0.0	66676.00000	326.13	0	48.847051	-86.941020	56245.38	56235	14.96	56260.33	56265.17969	56301.30417	56288.64063	504327.1	5410455.1
L4320.0	0.0	0.0	66676.10156	326.25	0	48.847037	-86.941020	56244.74	56235	14.96	56259.70	56264.57422	56298.04205	56285.34766	504327.1	5410453.6
L4320.0	0.0	0.0	66676.20313	327.27	0	48.847024	-86.941020	56244.02	56235	14.96	56258.98	56263.87891	56292.89683	56280.17188	504327.1	5410452.1
L4320.0	0.0	0.0	66676.29688	327.68	0	48.847013	-86.941020	56243.96	56235	14.96	56258.92	56263.84375	56302.94172	56290.19141	504327.1	5410450.9
L4320.0	0.0	0.0	66676.39844	327.16	0	48.847013	-86.941020	56243.72	56235	14.96	56258.68	56263.63281	56308.97563	56296.19531	504327.1	5410450.9
L4320.0	0.0	0.0	66676.50000	326.01	0	48.847001	-86.941020	56243.00	56235	14.96	56257.96	56262.93750	56304.29641	56291.49219	504327.2	5410449.5
L4320.0	0.0	0.0	66676.60156	323.31	0	48.846985	-86.941019	56242.15	56235	14.97	56257.11	56262.11719	56296.90444	56284.07813	504327.2	5410447.7
L4320.0	0.0	0.0	66676.70313	323.47	0	48.846985	-86.941019	56241.65	56235	14.97	56256.62	56261.65625	56297.77043	56284.92188	504327.2	5410447.7
L4320.0	0.0	0.0	66676.79688	324.43	0	48.846971	-86.941019	56241.11	56235	14.97	56256.07	56261.13672	56297.45997	56284.59375	504327.2	5410446.2
L4320.0	0.0	0.0	66676.89844	323.59	0	48.846960	-86.941019	56240.29	56235	14.97	56255.26	56260.35938	56291.57283	56278.68750	504327.2	5410445.0
L4320.0	0.0	0.0	66677.00000	323.96	0	48.846960	-86.941019	56239.61	56235	14.97	56254.58	56259.71094	56288.76531	56275.86328	504327.2	5410445.0
L4320.0	0.0	0.0	66677.10156	322.65	0	48.846943	-86.941018	56239.18	56235	14.97	56254.15	56259.31250	56291.63746	56278.72266	504327.3	5410443.1
L4320.0	0.0	0.0	66677.20313	322.46	0	48.846934	-86.941018	56238.79	56235	14.98	56253.77	56258.96875	56295.76634	56282.83984	504327.3	5410442.1
L4320.0	0.0	0.0	66677.29688	321.82	0	48.846934	-86.941018	56238.22	56235	14.98	56253.20	56258.43359	56295.90674	56282.96875	504327.3	5410442.1
L4320.0	0.0	0.0	66677.39844	322.77	0	48.846920	-86.941018	56237.48	56235	14.98	56252.46	56257.72656	56292.51913	56279.57422	504327.3	5410440.5
L4320.0	0.0	0.0	66677.50000	322.81	0	48.846907	-86.941018	56237.03	56235	14.99	56252.01	56257.31250	56295.64737	56282.69531	504327.3	5410439.0
L4320.0	0.0	0.0	66677.60156	322.81	0	48.846893	-86.941018	56236.32	56235	14.99	56251.30	56256.64063	56293.28479	56280.32813	504327.3	5410437.6
L4320.0	0.0	0.0	66677.70313	323.05	0	48.846893	-86.941018	56235.72	56235	14.99	56250.71	56256.08984	56293.72374	56280.76563	504327.3	5410437.6
L4320.0	0.0	0.0	66677.79688	323.55	0	48.846875	-86.941018	56235.04	56235	14.99	56250.03	56255.44922	56292.37148	56279.41406	504327.3	5410435.5
L4320.0	0.0	0.0	66677.89844	323.06	0	48.846862	-86.941017	56234.47	56235	15.00	56249.47	56254.92969	56293.81867	56280.86328	504327.4	5410434.1
L4320.0	0.0	0.0	66678.00000	324.61	0	48.846849	-86.941017	56233.58	56235	15.00	56248.58	56254.08203	56288.19122	56275.23828	504327.4	5410432.6
L4320.0	0.0	0.0	66678.10156	325.30	0	48.846849	-86.941017	56232.84	56235	15.00	56247.84	56253.38281	56286.00876	56273.06641	504327.4	5410432.6
L4320.0	0.0	0.0	66678.20313	326.80	0	48.846836	-86.941017	56232.11	56235	15.00	56247.11	56252.69531	56284.20113	56271.26563	504327.4	5410431.2
L4320.0	0.0	0.0	66678.29688	327.20	0	48.846823	-86.941016	56231.59	56235	15.00	56246.59	56252.21875	56287.19233	56274.26953	504327.4	5410429.7
L4320.0	0.0	0.0	66678.39844	328.94	0	48.846823	-86.941016	56230.90	56235	15.00	56245.91	56251.58203	56286.80758	56273.89453	504327.4	5410429.7
L4320.0	0.0	0.0	66678.50000	328.12	0	48.846809	-86.941016	56230.36	56235	15.01	56245.36	56251.07813	56289.46758	56276.57031	504327.5	5410428.1
L4320.0	0.0	0.0	66678.60156	325.03	0	48.846793	-86.941016	56229.96	56235	15.01	56244.97	56250.73438	56295.85435	56282.97656	504327.5	5410426.4
L4320.0	0.0	0.0	66678.70313	326.20	0	48.846793	-86.941016	56229.14	56235	15.01	56244.15	56249.96094	56292.81876	56279.96094	504327.5	5410426.4
L4320.0	0.0	0.0	66678.79688	325.29	0	48.846779	-86.941015	56228.38	56235	15.01	56243.38	56249.23828	56291.03365	56278.19922	504327.5	5410424.9
L4320.0	0.0	0.0	66678.89844	325.26	0	48.846767	-86.941015	56227.68	56235	15.01	56242.69	56248.59766	56291.16977	56278.35547	504327.5	5410423.5
L4320.0	0.0	0.0	66679.00000	324.63	0	48.846754	-86.941015	56226.62	56235	15.01	56241.63	56247.58984	56283.18397	56270.39844	504327.5	5410422.1
L4320.0	0.0	0.0	66679.10156	325.32	0	48.846744	-86.941015	56225.77	56235	15.01	56240.78	56246.78906	56280.03323	56267.27734	504327.5	5410420.9
L4320.0	0.0	0.0	66679.20313	325.17	0	48.846744	-86.941015	56225.10	56235	15.01	56240.11	56246.17188	56281.04129	56268.31641	504327.5	5410420.9
L4320.0	0.0	0.0	66679.29688	323.07	0	48.846728	-86.941015	56224.42	56235	15.01	56239.43	56245.54297	56281.97031	56269.27734	504327.5	5410419.2
L4320.0	0.0	0.0	66679.39844	323.86	0	48.846728	-86.941015	56223.70	56235	15.01	56238.71	56244.87500	56282.15874	56269.50391	504327.5	5410419.2
L4320.0	0.0	0.0	66679.50000	323.47	0	48.846716	-86.941015	56223.24	56235	15.00	56238.25	56244.46875	56288.22662	56275.60938	504327.5	5410417.8
L4320.0	0.0	0.0	66679.50000	323.47	0	48.846702	-86.941015	56222.38	56235	15.00	56237.38	56243.65234	56285.40754	56272.83203	504327.6	5410416.3
L4320.0	0.0	0.0	66679.60156	324.39	0	48.846689	-86.941015	56221.57	56235	15.00	56236.57	56242.89844	56284.08868	56271.55469	504327.5	5410414.9
L4320.0	0.0	0.0	66679.70313	324.09	0	48.846689	-86.941015	56220.59	56235	15.00	56235.59	56241.97266	56279.25735	56266.76953	504327.5	5410414.9
L4320.0	0.0	0.0	66679.79688	324.09	0	48.846675	-86.941015	56219.77	56235	15.00	56234.78	56241.21875	56278.33677	56265.89844	504327.5	5410413.3
L4320.0	0.0	0.0	66679.89844	324.30	0	48.846665	-86.941015	56218.88	56235	15.00	56233.88	56240.37500	56275.68080	56263.29297	504327.5	5410412.2
L4320.0	0.0	0.0	66680.00000	324.42	0	48.846651	-86.941015	56217.81	56235	15.00	56232.81	56239.36328	56269.59790	56257.26172	504327.5	5410410.6
L4320.0	0.0	0.0	66680.10156	323.30	0	48.846651	-86.941015	56217.15	56235	15.00	56232.15	56238.76172	56272.57272	56260.29297	504327.5	5410410.6
L4320.0	0.0	0.0	66680.20313	322.83	0	48.846641	-86.941015	56216.26	56235	15.00	56231.26	56237.92969	56270.82998	56258.60938	504327.5	5410409.5
L4320.0	0.0	0.0	66680.39844	322.84	0	48.846626	-86.941015	56215.48	56235	15.00	56230.48	56237.21094	56271.68015	56259.51953	504327.5	5410407.9
L4320.0	0.0	0.0	66680.50000	322.71	0	48.846614	-86.941015	56214.63	56235	15.00	56229.63	56236.42188	56271.26683	56259.16797	504327.5	5410406.5
L4320.0	0.0	0.0	66680.60156	321.84	0	48.846614	-86.941015	56213.77	56235	15.00	56228.77	56235.62109	56270.87934	56258.84766	504327.5	5410406.5
L4320.0	0.0	0.0	66680.70313	322.21	0	48.846602	-86.941015	56212.76	56235	15.00	56227.76	56234.67188	56267.50228	56255.53906	504327.5	5410405.1
L4320.0	0.0	0.0	66680.79688	319.85	0	48.846587	-86.941015	56211.73	56235	15.00	56226.73	56233.70313	56263.90179	56252.00781	504327.5	5410403.5
L4320.0	0.0	0.0	66680.89844	320.97	0	48.846587	-86.941015	56210.68	56235	15.00	56225.68	56232.71484	56260.06151	56248.24219	504327.5	5410403.5
L4320.0	0.0	0.0	66681.00000	322.69	0	48.846573	-86.941015	56209.75	56235	15.00	56224.75	56231.84766	56259.01062	56247.26563	504327.5	5410401.9
L4320.0	0.0	0.0	66681.10156	323.66	0	48.846561	-86.941015	56208.95	56235	15.00	56223.96	56231.12109	56261.19324	56249.52734	504327.5	5410400.6
L4320.0	0.0	0.0	66681.20313	323.43	0	48.846545	-86.941015	56208.09	56235	15.01	56223.09	56230.31250	56261.82608	56250.24219	504327.5	5410398.8
L4320.0	0.0	0.0	66681.29688	323.46	0	48.846545	-86.941015	56207.34	56235	15.01	56222.35	56229.63672	56265.48264	56253.98047	504327.5	5410398.8
L4320.0	0.0	0.0	66681.39844	324.61	0	48.846531	-86.941015	56206.54	56235	15.01	56221.55	56228.90234	56268.01491	56256.59766	504327.5	5410397.2
L4320.0	0.0	0.0	66681.50000	325.34	0	48.846514	-86.941015	56205.64	56235	15.01	56220.66	56228.07422	56268.76255	56257.43359	504327.6	5410395.4
L4320.0	0.0	0.0	66681.60156	325.34	0	48.846514	-86.941015	56204.84	56235	15.02	56219.86	56227.33984	56271.64864	56260.41016	504327.6	5410395.4
L4320.0	0.0	0.0	66681.70313	326.00	0	48.846500	-86.941015	56203.59	56235	15.02	56218.61	56226.15234	56264.91725	56253.77344	504327.6	5410393.9
L4320.0	0.0	0.0	66681.79688	327.26	0	48.846500	-86.941015	56202.50	56235	15.02	56217.52	56225.12891	56261.86220	56250.81641	504327.6	5410393.9
L4320.0	0.0	0.0	66681.89844	325.72	0	48.846487	-86.941014	56201.33	56235	15.03	56216.36	56224.03516	56257.48729	56246.53906	504327.6	5410392.4
L4320.0	0.0	0.0	66682.00000	326.83	0	48.846473	-86.941014	56200.33	56235	15.03	56215.36	56223.09766	56256.76766	56245.91797	504327.6	5410390.9
L4320.0	0.0	0.0	66682.10156	326.83	0	48.846461	-86.941014	56199.14	56235	15.03	56214.17	56221.97266	56252.15599	56241.41016	504327.6	5410389.5
L4320.0	0.0	0.0	66682.20313	324.04	0	48.846448	-86.941014	56198.09	56235	15.03	56213.12	56220.98828	56250.75834	56240.12109	504327.6	5410388.1
L4320.0	0.0	0.0	66682.29688	322.98	0	48.846448	-86.941014	56197.14	56235	15.03	56212.17	56220.10547	56251.68594	56241.15625	504327.6	5410388.1
L4320.0	0.0	0.0	66682.39844	321.75	0	48.846432	-86.941014	56196.11	56235	15.03	56211.13	56219.12891	56250.88828	56240.46875	504327.7	5410386.2
L4320.0	0.0	0.0	66682.50000	320.51	0	48.846432	-86.941014	56194.93	56235	15.02	56209.95	56218.01563	56247.34063	56237.03125	504327.7	5410386.2
L4320.0	0.0	0.0	66682.60156	320.16	0	48.846420	-86.941013	56194.00	56235	15.02	56209.02	56217.15234	56249.25933	56239.06641	504327.7	5410384.9
L4320.0	0.0	0.0	66682.70313	320.11	0	48.846406	-86.941013	56193.00	56235	15.02	56208.02	56216.21484	56249.89928	56239.82813	504327.7	5410383.3

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4320.0	0.0	0.0	66682.79688	319.83	0	48.846406	-86.941013	56191.75	56235	15.02	56206.77	56215.03125	56245.54959	56235.59766	504327.7	5410383.3
L4320.0	0.0	0.0	66682.89844	319.58	0	48.846394	-86.941013	56190.94	56235	15.02	56205.96	56214.28516	56250.55119	56240.72266	504327.7	5410382.0
L4320.0	0.0	0.0	66683.00000	321.98	0	48.846379	-86.941013	56189.56	56235	15.02	56204.57	56212.96094	56243.78712	56234.08203	504327.7	5410380.4
L4320.0	0.0	0.0	66683.10156	322.16	0	48.846379	-86.941013	56188.52	56235	15.02	56203.54	56211.99609	56244.70211	56235.12500	504327.7	5410380.4
L4320.0	0.0	0.0	66683.20313	322.98	0	48.846363	-86.941013	56187.52	56235	15.02	56202.54	56211.05859	56246.47781	56237.03125	504327.7	5410378.5
L4320.0	0.0	0.0	66683.29688	323.99	0	48.846347	-86.941013	56186.36	56235	15.02	56201.38	56209.96484	56245.21438	56235.90234	504327.7	5410376.9
L4320.0	0.0	0.0	66683.39844	322.10	0	48.846347	-86.941013	56185.12	56235	15.02	56200.14	56208.78906	56242.55873	56233.37891	504327.7	5410376.9
L4320.0	0.0	0.0	66683.50000	319.60	0	48.846333	-86.941013	56183.58	56235	15.01	56198.60	56207.31250	56233.95039	56224.91016	504327.7	5410375.2
L4320.0	0.0	0.0	66683.60156	319.60	0	48.846324	-86.941012	56182.06	56235	15.01	56197.07	56205.84375	56225.74331	56216.84375	504327.8	5410374.2
L4320.0	0.0	0.0	66683.70313	320.03	0	48.846311	-86.941012	56180.63	56235	15.01	56195.64	56204.47656	56219.79258	56211.03516	504327.8	5410372.8
L4320.0	0.0	0.0	66683.79688	320.29	0	48.846311	-86.941012	56179.73	56235	15.01	56194.75	56203.64844	56225.35373	56216.73828	504327.8	5410372.8
L4320.0	0.0	0.0	66683.89844	324.15	0	48.846297	-86.941012	56178.81	56235	15.01	56193.82	56202.78125	56230.36795	56221.89844	504327.8	5410371.2
L4320.0	0.0	0.0	66684.00000	325.36	0	48.846284	-86.941012	56177.96	56235	15.01	56192.97	56201.99219	56237.36618	56229.04688	504327.8	5410369.9
L4320.0	0.0	0.0	66684.10156	325.53	0	48.846272	-86.941012	56176.84	56235	15.01	56191.85	56200.93359	56238.86493	56230.69531	504327.8	5410368.5
L4320.0	0.0	0.0	66684.20313	325.43	0	48.846272	-86.941012	56175.68	56235	15.01	56190.70	56199.84766	56239.92109	56231.90625	504327.8	5410368.5
L4320.0	0.0	0.0	66684.29688	324.67	0	48.846254	-86.941012	56174.02	56235	15.01	56189.03	56198.23438	56229.93748	56222.07813	504327.8	5410366.5
L4320.0	0.0	0.0	66684.39844	323.55	0	48.846239	-86.941012	56172.58	56235	15.01	56187.59	56196.85547	56225.05299	56217.35156	504327.8	5410364.9
L4320.0	0.0	0.0	66684.50000	324.01	0	48.846239	-86.941012	56171.04	56235	15.01	56186.05	56195.37500	56218.15704	56210.61719	504327.8	5410364.9
L4320.0	0.0	0.0	66684.60156	325.81	0	48.846226	-86.941012	56169.37	56235	15.02	56184.38	56193.76172	56208.59729	56201.21875	504327.8	5410363.3
L4320.0	0.0	0.0	66684.70313	327.01	0	48.846214	-86.941012	56167.87	56235	15.02	56182.88	56192.32031	56202.92162	56195.71094	504327.8	5410362.0
L4320.0	0.0	0.0	66684.79688	326.13	0	48.846214	-86.941012	56166.58	56235	15.02	56181.60	56191.09766	56202.24789	56195.20313	504327.8	5410362.0
L4320.0	0.0	0.0	66684.89844	324.33	0	48.846198	-86.941012	56165.70	56235	15.02	56180.72	56190.27344	56210.52166	56203.64453	504327.8	5410360.2
L4320.0	0.0	0.0	66685.00000	326.62	0	48.846186	-86.941012	56164.50	56235	15.02	56179.52	56189.13281	56212.02900	56205.32031	504327.8	5410358.9
L4320.0	0.0	0.0	66685.10156	325.34	0	48.846186	-86.941012	56163.55	56235	15.02	56178.57	56188.23828	56219.21759	56212.68359	504327.8	5410358.9
L4320.0	0.0	0.0	66685.20313	323.53	0	48.846174	-86.941012	56162.28	56235	15.02	56177.30	56187.01953	56219.64698	56213.28906	504327.8	5410357.5
L4320.0	0.0	0.0	66685.29688	324.79	0	48.846159	-86.941012	56160.92	56235	15.02	56175.94	56185.71484	56218.34562	56212.16797	504327.8	5410355.9
L4320.0	0.0	0.0	66685.39844	324.14	0	48.846146	-86.941012	56159.29	56235	15.02	56174.32	56184.14844	56211.60161	56205.60156	504327.8	5410354.4
L4320.0	0.0	0.0	66685.50000	322.70	0	48.846146	-86.941012	56157.53	56235	15.02	56172.55	56182.42969	56201.81105	56195.99219	504327.8	5410354.4
L4320.0	0.0	0.0	66685.60156	322.70	0	48.846134	-86.941011	56155.80	56235	15.03	56170.83	56180.76172	56193.34023	56187.70703	504327.8	5410353.1
L4320.0	0.0	0.0	66685.70313	323.91	0	48.846124	-86.941011	56154.35	56235	15.03	56169.38	56179.36328	56191.01614	56185.56641	504327.9	5410352.0
L4320.0	0.0	0.0	66685.79688	321.63	0	48.846111	-86.941011	56152.99	56235	15.03	56168.02	56178.05469	56190.91109	56185.65234	504327.9	5410350.6
L4320.0	0.0	0.0	66685.89844	321.91	0	48.846099	-86.941011	56151.94	56235	15.03	56166.97	56177.05469	56197.90139	56192.82813	504327.9	5410349.3
L4320.0	0.0	0.0	66686.00000	322.98	0	48.846099	-86.941011	56150.82	56235	15.03	56165.85	56175.98047	56203.63513	56198.75391	504327.9	5410349.3
L4320.0	0.0	0.0	66686.10156	324.74	0	48.846085	-86.941011	56149.82	56235	15.03	56164.85	56175.03125	56212.32526	56207.64063	504327.9	5410347.7
L4320.0	0.0	0.0	66686.20313	323.63	0	48.846073	-86.941011	56148.55	56235	15.03	56163.58	56173.80859	56215.29481	56210.80469	504327.9	5410346.4
L4320.0	0.0	0.0	66686.29688	324.95	0	48.846073	-86.941011	56146.67	56235	15.03	56161.70	56171.97266	56204.86194	56200.57031	504327.9	5410346.4
L4320.0	0.0	0.0	66686.39844	325.74	0	48.846061	-86.941011	56144.71	56235	15.03	56159.74	56170.05859	56192.79371	56188.69922	504327.9	5410345.0
L4320.0	0.0	0.0	66686.50000	325.79	0	48.846061	-86.941011	56142.66	56235	15.03	56157.69	56168.05469	56178.85735	56174.96484	504327.9	5410345.0
L4320.0	0.0	0.0	66686.60156	324.91	0	48.846049	-86.941011	56141.16	56235	15.03	56156.19	56166.60156	56177.48802	56173.80078	504327.9	5410343.7
L4320.0	0.0	0.0	66686.70313	324.78	0	48.846035	-86.941010	56139.73	56235	15.03	56154.76	56165.21484	56177.91495	56174.43359	504327.9	5410342.2
L4320.0	0.0	0.0	66686.79688	326.88	0	48.846022	-86.941010	56138.55	56235	15.03	56153.58	56164.07813	56184.20700	56180.93359	504327.9	5410340.6
L4320.0	0.0	0.0	66686.89844	326.70	0	48.846009	-86.941010	56137.21	56235	15.03	56152.24	56162.77734	56187.08983	56184.02344	504328.0	5410339.2
L4320.0	0.0	0.0	66687.00000	326.69	0	48.846009	-86.941010	56135.86	56235	15.03	56150.89	56161.46875	56189.94038	56187.08594	504328.0	5410339.2
L4320.0	0.0	0.0	66687.10156	328.09	0	48.845996	-86.941010	56134.20	56235	15.03	56149.23	56159.85156	56185.97404	56183.33203	504328.0	5410337.9
L4320.0	0.0	0.0	66687.20313	328.40	0	48.845996	-86.941010	56132.18	56235	15.03	56147.21	56157.87109	56174.08540	56171.65625	504328.0	5410337.9
L4320.0	0.0	0.0	66687.29688	328.87	0	48.845982	-86.941010	56130.57	56235	15.03	56145.60	56156.30078	56171.64662	56169.43359	504328.0	5410336.3
L4320.0	0.0	0.0	66687.39844	326.41	0	48.845969	-86.941010	56129.19	56235	15.03	56144.22	56154.96094	56174.55720	56172.56250	504328.0	5410334.8
L4320.0	0.0	0.0	66687.50000	325.30	0	48.845953	-86.941009	56128.02	56235	15.04	56143.05	56153.82813	56182.31940	56180.54297	504328.0	5410333.0
L4320.0	0.0	0.0	66687.60156	325.30	0	48.845953	-86.941009	56126.51	56235	15.04	56141.54	56152.35547	56182.60859	56181.05469	504328.0	5410333.0
L4320.0	0.0	0.0	66687.70313	323.98	0	48.845939	-86.941009	56124.80	56235	15.04	56139.84	56150.69141	56178.82609	56177.49609	504328.0	5410331.4
L4320.0	0.0	0.0	66687.79688	323.59	0	48.845924	-86.941009	56123.18	56235	15.04	56138.22	56149.10938	56176.99305	56175.88672	504328.0	5410329.8
L4320.0	0.0	0.0	66687.89844	323.94	0	48.845924	-86.941009	56121.66	56235	15.04	56136.70	56147.62500	56177.52844	56176.64453	504328.0	5410329.8
L4320.0	0.0	0.0	66688.00000	322.25	0	48.845912	-86.941009	56120.02	56235	15.04	56135.06	56146.01953	56175.56410	56174.90625	504328.0	5410328.4
L4320.0	0.0	0.0	66688.10156	321.00	0	48.845902	-86.941009	56118.17	56235	15.04	56133.21	56144.20313	56169.14448	56168.71875	504328.1	5410327.3
L4320.0	0.0	0.0	66688.20313	321.46	0	48.845892	-86.941009	56116.06	56235	15.04	56131.10	56142.12891	56157.20645	56157.01172	504328.1	5410326.2
L4320.0	0.0	0.0	66688.29688	323.65	0	48.845879	-86.941009	56114.04	56235	15.03	56129.08	56140.14063	56147.41612	56147.44922	504328.1	5410324.8
L4320.0	0.0	0.0	66688.39844	323.27	0	48.845879	-86.941009	56112.50	56235	15.03	56127.54	56138.63672	56148.23664	56148.50391	504328.1	5410324.8
L4320.0	0.0	0.0	66688.50000	325.39	0	48.845864	-86.941008	56110.91	56235	15.03	56125.94	56137.06641	56147.85576	56148.35547	504328.1	5410323.1
L4320.0	0.0	0.0	66688.60156	325.78	0	48.845849	-86.941008	56109.19	56235	15.03	56124.22	56135.37891	56144.96786	56145.70313	504328.1	5410321.5
L4320.0	0.0	0.0	66688.70313	325.18	0	48.845849	-86.941008	56107.49	56235	15.03	56122.51	56133.70313	56142.39042	56143.36328	504328.1	5410321.5
L4320.0	0.0	0.0	66688.79688	322.83	0	48.845837	-86.941008	56105.42	56235	15.02	56120.44	56131.66406	56132.06439	56133.27734	504328.1	5410320.2
L4320.0	0.0	0.0	66688.89844	323.54	0	48.845819	-86.941008	56103.57	56235	15.02	56118.60	56129.85547	56126.79655	56128.24609	504328.2	5410318.1
L4320.0	0.0	0.0	66689.00000	323.07	0	48.845819	-86.941008	56101.61	56235	15.02	56116.63	56127.91797	56118.74111	56120.42969	504328.2	5410318.1
L4320.0	0.0	0.0	66689.10156	324.67	0	48.845804	-86.941007	56100.03	56235	15.02	56115.05	56126.36719	56119.21086	56121.14453	504328.2	5410316.5
L4320.0	0.0	0.0	66689.20313	325.15	0	48.845804	-86.941007	56098.48	56235	15.02	56113.50	56124.84766	56120.36469	56122.53906	504328.2	5410316.5
L4320.0	0.0	0.0	66689.29688	325.26	0	48.845791	-86.941007	56096.82	56235	15.02	56111.84	56123.21875	56119.13303	56121.55078	504328.2	5410315.0
L4320.0	0.0	0.0	66689.39844	326.03	0	48.845777	-86.941007	56095.76	56235	15.02	56110.78	56122.18750	56131.02266	56133.68359	504328.2	5410313.4
L4320.0	0.0	0.0	66689.50000	325.01	0	48.845763	-86.941006	56093.93	56235	15.02	56108.96	56120.39844	56126.28501	56129.19141	504328.3	5410311.9
L4320.0	0.0	0.0	66689.60156	325.01	0	48.845763	-86.941006	56091.68	56235	15.03	56106.71	56118.17969	56112.10723	56115.26172	504328.3	5410311.9
L4320.0	0.0	0.0	66689.70313	325.25	0	48.845751	-86.941006	56089.73	56235	15.03	56104.76	56116.25781	56104.45863	56107.85938	504328.3	5410310.6
L4320.0	0.0	0.0	66689.79688	323.40	0	48.845735	-86.941005	56088.10	56235	15.03	56103.13	56114.65625	56103.76777	56107.41797	504328.3	5410308.8
L4320.0	0.0	0.0	66689.89844	321.38	0	48.845723	-86.941005	56086.46	56235	15.03	56101.49	56113.04688	56102.80171	56106.69922	504328.4	5410307.4
L4320.0	0.0	0.0	66690.00000	321.34	0	48.845723	-86.941005	56084.78	56235	15.03	56099.81	56111.39844	56100.89571	56105.04297	504328.4	5410307.4
L4320.0	0.0	0.0	66690.10156	322.15	0	48.845712	-86.941004	56083.16	56235	15.03	56098.19	56109.80859	56100.22156	56104.62109	504328.4	5410306.3
L4320.0	0.0	0.0	66690.20313	323.53	0	48.845700	-86.941004	56081.52	56235	15.03	56096.55	56108.19922	56099.02404	56103.67578	504328.4	5410304.9
L4320.0	0.0	0.0	66690.29688	323.05	0	48.845700	-86.941004	56079.77	56235	15.03	56094.80	56106.47656	56095.34026	56100.24609	504328.4	5410304.9
L4320.0	0.0	0.0	66690.39844	322.84	0	48.845681	-86.941003	56078.11	56235	15.03	56093.14	56104.84766	56093.51050	56098.66797	504328.5	5410302.8
L4320.0	0.0	0.0	66690.50000	322.26	0	48.845681	-86.941003	56076.31	56235	15.03	56091.33	56103.07031	56088.31594	56093.72656	504328.5	5410302.8
L4320.0	0.0	0.0	66690.60156	321.38	0	48.845665	-86.941002	56074.79	56235	15.03	56089.82	56101.58984	56089.50537	56095.17188	504328.6	5410301.0
L4320.0	0.0	0.0	66690.70313	322.85	0	48.845653	-86.941002	56073.04	56235	15.03	56088.07	56099.87109	56085.36348	56091.28516	504328.6	5410299.6
L4320.0	0.0	0.0	66690.79688	323.91	0	48.845642	-86.941001	56071.42	56235	15.03	56086.45	56098.28125	56083.90082	56090.07813	504328.6	5410298.5
L4320.0	0.0	0.0	66690.89844	325.43	0	48.845628	-86.941001	56069.76	56235	15.03	56084.79	56096.65234	56081.42549	56087.85547	504328.6	5410296.9
L4320.0	0.0	0.0	66691.00000	325.03	0	48.845628	-86.941001	56068.16	56235	15.03	56083.19	56095.08594	56080.10004	56086.78516	504328.6	5410296.9
L4320.0	0.0	0.0	66691.10156	324.27	0	48.845628	-86.941001	56066.39	56235	15.03	56081.42	56093.34766	56074.91490	56081.85938	504328.6	5410296.9
L4320.0	0.0	0.0	66691.20313	325.63	0	48.845608	-86.941001	56064.67	56235	15.03	56079.70	56091.66406	56070.63907	56077.83984	504328.7	5410294.6
L4320.0	0.0	0.0	66691.29688	324.69	0	48.845598	-86.941000	56063.02	56235	15.03	56078.06	56090.05469	56067.92894	56075.38672	504328.7	5410293.5
L4320.0	0.0	0.0	66691.39844	323.79	0	48.845583	-86.941000	56061.38	56235	15.03	56076.42	56088.44922	56065.03469	56072.75000	504328.7	5410291.9
L4320.0	0.0	0.0	66691.50000	323.16	0	48.845583	-86.941000	56059.91	56235	15.03	56074.95	56087.01563	56065.70403	56073.67969	504328.7	5410291.9
L4320.0	0.0	0.0	66691.60156	323.16	0	48.845565	-86.940999	56058.32	56235	15.04	56073.36	56085.46094	56063.54751	56071.78125	504328.8	5410289.9
L4320.0	0.0	0.0	66691.70313	325.04	0	48.845565	-86.940999	56056.86	56235	15.04	56071.89	56084.02734	56063.87538	56072.36719	504328.8	5410289.9
L4320.0	0.0	0.0	66691.79688	324.42	0	48.845550	-86.940999	56055.14	56235	15.04	56070.18	56082.35547	56058.65430	56067.40625	504328.8	5410288.2
L4320.0	0.0	0.0	66691.89844	323.91	0	48.845540	-86.940998	56053.62	56235	15.04	56068.66	56080.87109	56057.48571	56066.49609	504328.9	5410287.1
L4320.0	0.0	0.0	66692.00000	324.79	0	48.845527	-86.940998	56052.13	56235	15.04	56067.17	56079.42188	56056.80995	56066.07813	504328.9	5410285.6

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4320.0	0.0	0.0	66692.10156	327.40	0	48.845516	-86.940998	56050.45	56235	15.04	56065.49	56077.78125	56051.61252	56061.14063	504328.9	5410284.5
L4320.0	0.0	0.0	66692.20313	326.90	0	48.845516	-86.940998	56048.91	56235	15.04	56063.95	56076.28125	56049.39056	56059.17969	504328.9	5410284.5
L4320.0	0.0	0.0	66692.29688	326.27	0	48.845504	-86.940998	56047.42	56235	15.03	56062.45	56074.82031	56047.89076	56057.93750	504328.9	5410283.0
L4320.0	0.0	0.0	66692.39844	326.95	0	48.845504	-86.940998	56045.77	56235	15.03	56060.81	56073.22266	56042.92996	56053.23438	504328.9	5410283.0
L4320.0	0.0	0.0	66692.50000	326.45	0	48.845490	-86.940998	56044.23	56235	15.03	56059.26	56071.71875	56039.84110	56050.40625	504328.9	5410281.5
L4320.0	0.0	0.0	66692.60156	324.21	0	48.845476	-86.940998	56042.64	56235	15.03	56057.67	56070.17188	56035.59042	56046.41406	504328.9	5410280.0
L4320.0	0.0	0.0	66692.70313	325.05	0	48.845465	-86.940998	56041.15	56235	15.03	56056.17	56068.71875	56033.26300	56044.34766	504328.9	5410278.7
L4320.0	0.0	0.0	66692.79688	325.59	0	48.845448	-86.940998	56039.58	56235	15.02	56054.60	56067.19531	56029.05973	56040.40234	504328.9	5410276.9
L4320.0	0.0	0.0	66692.89844	326.56	0	48.845448	-86.940998	56038.26	56235	15.02	56053.28	56065.92188	56030.70642	56042.30859	504328.9	5410276.9
L4320.0	0.0	0.0	66693.00000	326.72	0	48.845438	-86.940998	56036.57	56235	15.02	56051.59	56064.28125	56023.19805	56035.05859	504328.9	5410275.8
L4320.0	0.0	0.0	66693.10156	328.62	0	48.845438	-86.940998	56035.20	56235	15.02	56050.22	56062.96094	56024.85509	56036.97266	504328.9	5410275.8
L4320.0	0.0	0.0	66693.20313	329.59	0	48.845426	-86.940998	56034.54	56235	15.02	56049.56	56062.35156	56037.84517	56050.22266	504328.9	5410274.5
L4320.0	0.0	0.0	66693.29688	328.60	0	48.845414	-86.940998	56033.88	56235	15.02	56048.90	56061.74609	56050.88352	56063.51953	504328.9	5410273.2
L4320.0	0.0	0.0	66693.39844	328.17	0	48.845402	-86.940999	56032.52	56235	15.02	56047.54	56060.43750	56051.15014	56064.04297	504328.8	5410271.8
L4320.0	0.0	0.0	66693.50000	327.81	0	48.845402	-86.940999	56031.16	56235	15.01	56046.17	56059.12500	56051.12872	56064.28125	504328.8	5410271.8
L4320.0	0.0	0.0	66693.60156	327.81	0	48.845389	-86.940999	56029.64	56235	15.01	56044.66	56057.67188	56048.42409	56061.83594	504328.8	5410270.3
L4320.0	0.0	0.0	66693.70313	330.23	0	48.845375	-86.940999	56027.51	56235	15.01	56042.53	56055.59766	56034.19234	56047.85938	504328.8	5410268.8
L4320.0	0.0	0.0	66693.79688	330.06	0	48.845363	-86.940999	56026.12	56235	15.01	56041.13	56054.25781	56033.25641	56047.17969	504328.8	5410267.5
L4320.0	0.0	0.0	66693.89844	329.78	0	48.845363	-86.940999	56024.95	56235	15.01	56039.96	56053.14844	56036.43906	56050.62109	504328.8	5410267.5
L4320.0	0.0	0.0	66694.00000	329.80	0	48.845347	-86.940999	56023.57	56235	15.01	56038.58	56051.83203	56035.63800	56050.07813	504328.8	5410265.7
L4320.0	0.0	0.0	66694.10156	328.52	0	48.845347	-86.940999	56022.30	56235	15.01	56037.32	56050.63672	56036.91625	56051.61328	504328.8	5410265.7
L4320.0	0.0	0.0	66694.20313	328.67	0	48.845330	-86.940999	56021.04	56235	15.02	56036.06	56049.44141	56038.05925	56053.01172	504328.8	5410263.8
L4320.0	0.0	0.0	66694.29688	330.14	0	48.845330	-86.940999	56019.52	56235	15.02	56034.54	56047.98828	56034.31700	56049.52344	504328.8	5410263.8
L4320.0	0.0	0.0	66694.39844	328.24	0	48.845305	-86.940999	56018.03	56235	15.03	56033.05	56046.57031	56031.00827	56046.47266	504328.8	5410261.0
L4320.0	0.0	0.0	66694.50000	327.78	0	48.845305	-86.940999	56016.25	56235	15.03	56031.28	56044.87109	56022.51462	56038.23438	504328.8	5410261.0
L4320.0	0.0	0.0	66694.60156	327.17	0	48.845293	-86.940999	56014.48	56235	15.03	56029.51	56043.17188	56013.95293	56029.92578	504328.9	5410259.7
L4320.0	0.0	0.0	66694.70313	325.95	0	48.845278	-86.940998	56012.99	56235	15.04	56028.03	56041.76563	56001.58090	56017.80859	504328.9	5410258.0
L4320.0	0.0	0.0	66694.79688	326.56	0	48.845278	-86.940998	56011.73	56235	15.04	56026.77	56040.58203	56002.38914	56018.87109	504328.9	5410258.0
L4320.0	0.0	0.0	66694.89844	326.11	0	48.845264	-86.940998	56010.46	56235	15.05	56025.50	56039.38672	56002.82333	56019.55859	504328.9	5410256.5
L4320.0	0.0	0.0	66695.00000	326.52	0	48.845264	-86.940998	56009.81	56234.9	15.05	56024.86	56038.82813	56018.32707	56035.31641	504328.9	5410256.5
L4320.0	0.0	0.0	66695.10156	326.91	0	48.845251	-86.940998	56008.87	56235	15.05	56023.91	56037.95703	56026.11004	56043.35156	504328.9	5410255.0
L4320.0	0.0	0.0	66695.20313	325.98	0	48.845242	-86.940997	56007.33	56235	15.04	56022.37	56036.50000	56019.58831	56037.08203	504328.9	5410253.9
L4320.0	0.0	0.0	66695.29688	325.61	0	48.845228	-86.940997	56006.21	56235	15.04	56021.26	56035.47266	56023.23089	56040.97656	504329.0	5410252.4
L4320.0	0.0	0.0	66695.39844	324.87	0	48.845216	-86.940997	56004.79	56235	15.04	56019.83	56034.12891	56019.12287	56037.12109	504329.0	5410251.1
L4320.0	0.0	0.0	66695.50000	325.12	0	48.845216	-86.940997	56003.08	56235	15.04	56018.11	56032.50000	56008.05375	56026.30078	504329.0	5410251.1
L4320.0	0.0	0.0	66695.60156	325.12	0	48.845202	-86.940997	56001.33	56235	15.03	56016.36	56030.83984	55996.20750	56014.70703	504329.0	5410249.6
L4320.0	0.0	0.0	66695.70313	324.05	0	48.845191	-86.940997	56000.72	56235	15.03	56015.75	56030.32031	56011.07558	56029.82422	504329.0	5410248.3
L4320.0	0.0	0.0	66695.79688	324.75	0	48.845191	-86.940997	55999.34	56235	15.03	56014.36	56029.02344	56007.43065	56026.42969	504329.0	5410248.3
L4320.0	0.0	0.0	66695.89844	325.35	0	48.845165	-86.940997	55997.76	56235	15.02	56012.78	56027.53906	55999.20641	56018.45703	504329.0	5410245.4
L4320.0	0.0	0.0	66696.00000	326.17	0	48.845165	-86.940997	55996.42	56235	15.02	56011.44	56026.29297	55996.46026	56015.95703	504329.0	5410245.4
L4320.0	0.0	0.0	66696.10156	327.56	0	48.845151	-86.940997	55994.68	56235	15.02	56009.70	56024.65234	55984.25104	56003.99609	504329.0	5410243.9
L4320.0	0.0	0.0	66696.20313	326.82	0	48.845139	-86.940997	55993.44	56235	15.02	56008.46	56023.51563	55983.53139	56003.52734	504329.0	5410242.6
L4320.0	0.0	0.0	66696.29688	325.73	0	48.845139	-86.940997	55992.40	56235	15.03	56007.43	56022.58594	55987.49307	56007.73438	504329.0	5410242.6
L4320.0	0.0	0.0	66696.39844	327.97	0	48.845127	-86.940997	55991.59	56235	15.03	56006.62	56021.87891	55996.32505	56016.81641	504329.0	5410241.3
L4320.0	0.0	0.0	66696.50000	326.32	0	48.845127	-86.940997	55989.80	56235	15.03	56004.83	56020.19531	55982.32437	56003.06250	504329.0	5410241.3
L4320.0	0.0	0.0	66696.60156	326.54	0	48.845109	-86.940998	55988.73	56235	15.03	56003.77	56019.24219	55984.96263	56005.94531	504328.9	5410239.2
L4320.0	0.0	0.0	66696.70313	325.55	0	48.845109	-86.940998	55987.37	56235	15.03	56002.40	56017.98438	55980.25421	56001.48047	504328.9	5410239.2
L4320.0	0.0	0.0	66696.79688	323.70	0	48.845094	-86.940998	55985.82	56235	15.04	56000.86	56016.55469	55971.44391	55992.91797	504328.9	5410237.5
L4320.0	0.0	0.0	66696.89844	325.80	0	48.845082	-86.940998	55984.08	56235	15.04	55999.12	56014.92578	55957.86333	55979.58203	504328.9	5410236.2
L4320.0	0.0	0.0	66697.00000	325.43	0	48.845067	-86.940998	55982.92	56235	15.04	55997.96	56013.88281	55957.29479	55979.25781	504328.9	5410234.5
L4320.0	0.0	0.0	66697.10156	323.49	0	48.845067	-86.940998	55982.00	56235	15.04	55997.04	56013.07813	55961.91048	55984.11719	504328.9	5410234.5
L4320.0	0.0	0.0	66697.20313	323.37	0	48.845056	-86.940998	55980.94	56235	15.04	55995.98	56012.13672	55963.04623	55985.49609	504328.9	5410233.2
L4320.0	0.0	0.0	66697.29688	322.85	0	48.845056	-86.940998	55980.04	56235	15.03	55995.07	56011.34375	55967.27765	55989.97266	504328.9	5410233.2
L4320.0	0.0	0.0	66697.39844	322.66	0	48.845041	-86.940998	55978.87	56235	15.03	55993.90	56010.29688	55965.30593	55988.24219	504328.9	5410231.6
L4320.0	0.0	0.0	66697.50000	323.98	0	48.845029	-86.940998	55977.61	56235	15.03	55992.64	56009.16016	55960.98159	55984.16016	504328.9	5410230.3
L4320.0	0.0	0.0	66697.60156	323.98	0	48.845029	-86.940998	55976.36	56235	15.03	55991.39	56008.03516	55956.55368	55979.97266	504328.9	5410230.3
L4320.0	0.0	0.0	66697.70313	324.53	0	48.845008	-86.940998	55975.13	56235	15.03	55990.15	56006.92188	55952.00433	55975.66406	504328.9	5410228.0
L4320.0	0.0	0.0	66697.79688	325.33	0	48.845008	-86.940998	55973.94	56235	15.02	55988.96	56005.85938	55948.21988	55972.12109	504328.9	5410228.0
L4320.0	0.0	0.0	66697.89844	326.44	0	48.844995	-86.940998	55973.03	56235	15.02	55988.05	56005.07813	55950.39433	55974.53906	504328.9	5410226.6
L4320.0	0.0	0.0	66698.00000	327.50	0	48.844983	-86.940998	55972.29	56235	15.02	55987.31	56004.46875	55956.04837	55980.43359	504328.9	5410225.2
L4320.0	0.0	0.0	66698.10156	326.33	0	48.844983	-86.940998	55971.74	56235	15.02	55986.76	56004.05078	55965.65805	55990.28125	504328.9	5410225.2
L4320.0	0.0	0.0	66698.20313	324.43	0	48.844971	-86.940998	55970.60	56235	15.02	55985.62	56003.04688	55961.46343	55986.32422	504328.9	5410223.8
L4320.0	0.0	0.0	66698.29688	323.85	0	48.844956	-86.940999	55969.82	56235	15.02	55984.84	56002.39844	55965.08471	55990.18359	504328.9	5410222.2
L4320.0	0.0	0.0	66698.39844	324.36	0	48.844956	-86.940999	55968.81	56235	15.02	55983.82	56001.51563	55962.80664	55988.14453	504328.9	5410222.2
L4320.0	0.0	0.0	66698.50000	325.00	0	48.844945	-86.940999	55967.69	56235	15.02	55982.71	56000.54297	55958.01659	55983.59375	504328.9	5410221.0
L4320.0	0.0	0.0	66698.60156	327.21	0	48.844934	-86.940999	55966.60	56235	15.02	55981.62	55999.59375	55953.22933	55979.04297	504328.8	5410219.8
L4320.0	0.0	0.0	66698.70313	325.98	0	48.844934	-86.940999	55965.56	56235	15.02	55980.58	55998.69531	55949.14129	55975.19141	504328.8	5410219.8
L4320.0	0.0	0.0	66698.79688	323.67	0	48.844921	-86.941000	55964.61	56235	15.02	55979.63	55997.88672	55946.69652	55972.98438	504328.8	5410218.3
L4320.0	0.0	0.0	66698.89844	323.98	0	48.844910	-86.941001	55963.62	56235	15.02	55978.64	55997.03906	55942.86290	55969.39063	504328.7	5410217.1
L4320.0	0.0	0.0	66699.00000	324.96	0	48.844910	-86.941001	55962.78	56235	15.02	55977.80	55996.34375	55942.10348	55968.86719	504328.7	5410217.1
L4320.0	0.0	0.0	66699.10156	327.28	0	48.844895	-86.941002	55961.57	56235	15.02	55976.59	55995.27734	55932.17264	55959.17188	504328.7	5410215.4
L4320.0	0.0	0.0	66699.20313	327.61	0	48.844888	-86.941002	55960.71	56235	15.02	55975.73	55994.56250	55930.03753	55957.26953	504328.6	5410214.6
L4320.0	0.0	0.0	66699.29688	326.99	0	48.844875	-86.941003	55960.15	56235	15.02	55975.17	55994.15234	55934.55810	55962.02734	504328.6	5410213.2
L4320.0	0.0	0.0	66699.39844	326.45	0	48.844875	-86.941003	55959.16	56235	15.02	55974.19	55993.32031	55928.69582	55956.40234	504328.6	5410213.2
L4320.0	0.0	0.0	66699.50000	328.17	0	48.844862	-86.941004	55958.31	56235	15.02	55973.33	55992.60938	55925.23015	55953.17188	504328.5	5410211.7
L4320.0	0.0	0.0	66699.60156	328.17	0	48.844851	-86.941004	55957.68	56235	15.03	55972.70	55992.12891	55926.77046	55954.94531	504328.5	5410210.5
L4320.0	0.0	0.0	66699.70313	326.87	0	48.844851	-86.941004	55956.71	56235	15.03	55971.74	55991.32031	55920.06133	55948.46875	504328.5	5410210.5
L4320.0	0.0	0.0	66699.79688	327.49	0	48.844835	-86.941005	55955.90	56235	15.03	55970.93	55990.66016	55916.47377	55945.11719	504328.4	5410208.7
L4320.0	0.0	0.0	66699.89844	327.27	0	48.844835	-86.941005	55954.96	56235	15.03	55969.99	55989.87109	55909.40166	55938.27734	504328.4	5410208.7
L4320.0	0.0	0.0	66700.00000	325.31	0	48.844825	-86.941005	55954.46	56235	15.03	55969.49	55989.52734	55912.27335	55941.38672	504328.4	5410207.6
L4320.0	0.0	0.0	66700.10156	324.61	0	48.844814	-86.941006	55953.98	56235	15.03	55969.00	55989.18750	55914.93772	55944.28125	504328.4	5410206.4
L4320.0	0.0	0.0	66700.20313	325.52	0	48.844806	-86.941006	55953.73	56235	15.02	55968.75	55989.09375	55922.76700	55952.34375	504328.3	5410205.5
L4320.0	0.0	0.0	66700.29688	326.29	0	48.844806	-86.941006	55953.27	56235	15.02	55968.29	55988.78906	55925.23716	55955.04688	504328.3	5410205.5
L4320.0	0.0	0.0	66700.39844	325.02	0	48.844793	-86.941007	55952.66	56235	15.02	55967.68	55988.33203	55923.80213	55953.84766	504328.3	5410204.1
L4320.0	0.0	0.0	66700.50000	324.99	0	48.844784	-86.941008	55952.11	56235	15.01	55967.12	55987.92969	55923.12943	55953.41016	504328.2	5410203.1
L4320.0	0.0	0.0	66700.60156	325.17	0	48.844784	-86.941008	55951.88	56235	15.01	55966.89	55987.85156	55929.64060	55960.15234	504328.2	5410203.1
L4320.0	0.0	0.0	66700.70313	326.30	0	48.844774	-86.941008	55951.73	56235	15.01	55966.74	55987.85938	55937.52746	55968.26953	504328.2	5410202.0
L4320.0	0.0	0.0	66700.79688	325.73	0	48.844765	-86.941009	55950.79	56235	15.01	55965.80	55987.07422	55927.02424	55958.00000	504328.1	5410200.9
L4320.0	0.0	0.0	66700.89844	324.61	0	48.844765	-86.941009	55950.18	56235	15.00	55965.19	55986.62109	55923.72266	55954.93359	504328.1	5410200.9
L4320.0	0.0	0.0	66701.00000	323.30	0	48.844752	-86.941011	55949.40	56235	15.00	55964.40	55985.98828	55916.07033	55947.51563	504328.0	5410199.5
L4320.0	0.0	0.0	66701.10156	324.62	0	48.844741	-86.941012	55949.07	56235	15.00	55964.08	55985.82422	55918.65178	55950.32813	504328.0	5410198.3
L4320.1	504321.8	5409988.1	53515.69922	323.52	0	48.842850	-86.941098	56070.28	56239.3	10.72	56081.00	56092.85156	56117.72113	56098.53125	504321.8	5409988.1
L4320.1	504321.8	5409988.1	53515.80078	323.48	0	48.842850	-86.941098	56069.91	56239.3	10.72	56080.63	56092.27734	56110.61243	56091.57813	504321.8	5409988.1

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4320.1	504321.8	5409988.6	53515.89844	323.06	0	48.842855	-86.941098	56069.88	56239.3	10.73	56080.61	56092.05859	56111.45057	56092.57422	504321.8	5409988.6
L4320.1	504321.8	5409988.6	53516.00000	324.11	0	48.842855	-86.941098	56070.01	56239.3	10.73	56080.74	56091.98828	56115.88089	56097.16016	504321.8	5409988.6
L4320.1	504321.7	5409989.4	53516.10156	325.56	0	48.842862	-86.941099	56069.39	56239.3	10.73	56080.13	56091.17578	56103.57466	56085.00781	504321.7	5409989.4
L4320.1	504321.6	5409989.9	53516.19922	324.62	0	48.842867	-86.941100	56069.30	56239.3	10.73	56080.03	56090.87891	56103.01408	56084.60547	504321.6	5409989.9
L4320.1	504321.6	5409990.4	53516.30078	324.24	0	48.842871	-86.941100	56069.07	56239.3	10.73	56079.80	56090.44922	56099.56190	56081.30859	504321.6	5409990.4
L4320.1	504321.6	5409990.4	53516.39844	324.09	0	48.842871	-86.941100	56068.82	56239.3	10.73	56079.55	56090.00000	56095.72327	56077.62500	504321.6	5409990.4
L4320.1	504321.5	5409991.0	53516.50000	324.40	0	48.842876	-86.941101	56068.69	56239.3	10.74	56079.43	56089.67969	56095.03868	56077.09375	504321.5	5409991.0
L4320.1	504321.5	5409991.4	53516.60156	323.89	0	48.842880	-86.941102	56068.54	56239.3	10.74	56079.27	56089.32422	56093.51120	56075.72266	504321.5	5409991.4
L4320.1	504321.5	5409991.4	53516.69922	325.79	0	48.842880	-86.941102	56068.34	56239.3	10.74	56079.08	56088.93750	56091.34971	56073.71875	504321.5	5409991.4
L4320.1	504321.4	5409992.0	53516.69922	325.79	0	48.842885	-86.941103	56068.44	56239.3	10.74	56079.18	56088.83984	56096.32262	56078.84375	504321.4	5409992.0
L4320.1	504321.4	5409992.0	53516.80078	325.83	0	48.842885	-86.941103	56068.18	56239.3	10.74	56078.92	56088.38281	56092.63244	56075.30859	504321.4	5409992.0
L4320.1	504321.3	5409992.6	53517.00000	326.87	0	48.842890	-86.941104	56067.93	56239.3	10.74	56078.67	56087.94141	56089.21054	56072.04297	504321.3	5409992.6
L4320.1	504321.3	5409993.1	53517.10156	327.87	0	48.842895	-86.941105	56067.71	56239.3	10.74	56078.45	56087.52734	56086.55279	56069.53906	504321.3	5409993.1
L4320.1	504321.2	5409993.6	53517.19922	328.07	0	48.842900	-86.941106	56067.66	56239.3	10.75	56078.40	56087.28516	56088.19880	56071.33984	504321.2	5409993.6
L4320.1	504321.1	5409994.1	53517.30078	328.55	0	48.842904	-86.941107	56067.28	56239.3	10.75	56078.03	56086.72266	56081.78307	56065.07813	504321.1	5409994.1
L4320.1	504321.1	5409994.1	53517.39844	327.69	0	48.842904	-86.941107	56067.07	56239.2	10.75	56077.82	56086.32422	56079.66013	56063.10938	504321.1	5409994.1
L4320.1	504321.0	5409994.6	53517.50000	327.86	0	48.842909	-86.941108	56066.97	56239.2	10.75	56077.73	56086.04688	56079.29466	56062.89453	504321.0	5409994.6
L4320.1	504321.0	5409995.0	53517.60156	328.48	0	48.842912	-86.941109	56066.64	56239.2	10.76	56077.40	56085.53125	56074.59975	56058.35156	504321.0	5409995.0
L4320.1	504320.9	5409995.5	53517.69922	329.31	0	48.842916	-86.941110	56066.57	56239.2	10.76	56077.33	56085.27344	56074.61153	56058.51563	504320.9	5409995.5
L4320.1	504320.9	5409995.5	53517.80078	330.60	0	48.842916	-86.941110	56066.34	56239.2	10.76	56077.10	56084.85938	56071.70758	56055.76563	504320.9	5409995.5
L4320.1	504320.9	5409995.8	53517.89844	330.16	0	48.842919	-86.941110	56066.14	56239.2	10.77	56076.91	56084.48828	56069.53011	56053.73828	504320.9	5409995.8
L4320.1	504320.8	5409996.3	53518.00000	329.45	0	48.842924	-86.941111	56065.96	56239.2	10.77	56076.73	56084.12891	56067.53589	56051.89453	504320.8	5409996.3
L4320.1	504320.7	5409996.6	53518.10156	328.77	0	48.842927	-86.941112	56066.03	56239.2	10.77	56076.80	56084.01953	56070.21361	56054.72266	504320.7	5409996.6
L4320.1	504320.7	5409996.6	53518.19922	328.41	0	48.842927	-86.941112	56065.98	56239.2	10.77	56076.75	56083.79297	56070.68266	56055.34375	504320.7	5409996.6
L4320.1	504320.7	5409996.9	53518.30078	329.91	0	48.842930	-86.941113	56065.66	56239.2	10.77	56076.43	56083.30078	56066.08727	56050.89844	504320.7	5409996.9
L4320.1	504320.7	5409997.3	53518.39844	330.28	0	48.842933	-86.941113	56065.31	56239.2	10.77	56076.08	56082.77734	56060.91390	56045.87500	504320.7	5409997.3
L4320.1	504320.6	5409997.7	53518.50000	329.08	0	48.842937	-86.941114	56065.05	56239.2	10.78	56075.82	56082.34766	56057.43874	56042.54688	504320.6	5409997.7
L4320.1	504320.6	5409998.0	53518.60156	330.61	0	48.842940	-86.941114	56064.77	56239.2	10.78	56075.54	56081.89844	56053.59514	56038.85156	504320.6	5409998.0
L4320.1	504320.5	5409998.3	53518.69922	331.61	0	48.842942	-86.941115	56064.29	56239.2	10.78	56075.07	56081.26172	56046.16858	56031.57422	504320.5	5409998.3
L4320.1	504320.5	5409998.3	53518.69922	331.61	0	48.842942	-86.941115	56064.64	56239.2	10.78	56075.42	56081.44922	56054.29570	56039.85156	504320.5	5409998.3
L4320.1	504320.5	5409998.3	53518.80078	330.43	0	48.842942	-86.941115	56064.59	56239.2	10.78	56075.37	56081.23438	56054.85977	56040.56250	504320.5	5409998.3
L4320.1	504320.5	5409998.7	53519.00000	330.10	0	48.842945	-86.941115	56064.85	56239.2	10.78	56075.63	56081.33594	56061.28695	56047.13672	504320.5	5409998.7
L4320.1	504320.5	5409998.9	53519.10156	329.90	0	48.842948	-86.941116	56064.62	56239.2	10.78	56075.40	56080.94922	56058.46244	56044.45703	504320.5	5409998.9
L4320.1	504320.4	5409999.1	53519.19922	329.70	0	48.842949	-86.941116	56064.55	56239.2	10.78	56075.33	56080.72656	56058.66003	56044.80078	504320.4	5409999.1
L4320.1	504320.4	5409999.1	53519.30078	328.32	0	48.842949	-86.941116	56064.18	56239.2	10.78	56074.97	56080.21484	56053.41990	56039.70703	504320.4	5409999.1
L4320.1	504320.4	5409999.3	53519.39844	330.24	0	48.842951	-86.941116	56064.22	56239.2	10.78	56075.00	56080.09375	56055.49190	56041.92188	504320.4	5409999.3
L4320.1	504320.4	5409999.6	53519.50000	331.53	0	48.842953	-86.941117	56064.36	56239.2	10.79	56075.15	56080.09766	56059.78300	56046.35938	504320.4	5409999.6
L4320.1	504320.4	5409999.6	53519.60156	332.02	0	48.842953	-86.941117	56064.29	56239.2	10.79	56075.07	56079.87109	56059.76476	56046.48438	504320.4	5409999.6
L4320.1	504320.3	5409999.9	53519.69922	332.00	0	48.842956	-86.941117	56064.09	56239.2	10.79	56074.88	56079.54297	56057.69109	56044.55469	504320.3	5409999.9
L4320.1	504320.3	5409999.9	53519.80078	330.37	0	48.842956	-86.941117	56064.19	56239.2	10.79	56074.98	56079.50391	56060.99349	56048.00000	504320.3	5409999.9
L4320.1	504320.3	5410000.1	53519.89844	329.10	0	48.842958	-86.941118	56064.11	56239.2	10.79	56074.90	56079.28516	56060.93754	56048.08984	504320.3	5410000.1
L4320.1	504320.3	5410000.1	53520.00000	326.09	0	48.842958	-86.941118	56064.14	56239.2	10.79	56074.93	56079.18359	56062.91223	56050.20703	504320.3	5410000.1
L4320.1	504320.3	5410000.2	53520.10156	326.48	0	48.842959	-86.941118	56064.29	56239.2	10.79	56075.07	56079.19141	56066.92691	56054.36328	504320.3	5410000.2
L4320.1	504320.3	5410000.3	53520.19922	327.01	0	48.842960	-86.941118	56063.91	56239.2	10.79	56074.70	56078.69531	56061.44273	56049.01953	504320.3	5410000.3
L4320.1	504320.3	5410000.4	53520.30078	326.39	0	48.842961	-86.941119	56064.36	56239.2	10.79	56075.15	56079.01953	56071.25892	56058.98047	504320.3	5410000.4
L4320.1	504320.3	5410000.4	53520.39844	326.46	0	48.842961	-86.941119	56064.37	56239.2	10.79	56075.15	56078.89844	56072.69617	56060.55859	504320.3	5410000.4
L4320.1	504320.3	5410000.5	53520.50000	327.50	0	48.842962	-86.941119	56064.77	56239.2	10.79	56075.55	56079.17969	56081.66062	56069.66016	504320.3	5410000.5
L4320.1	504320.2	5410000.6	53520.60156	329.22	0	48.842962	-86.941119	56065.33	56239.2	10.78	56076.11	56079.62500	56093.67834	56081.82031	504320.2	5410000.6
L4320.1	504320.2	5410000.6	53520.69922	329.91	0	48.842962	-86.941119	56065.56	56239.2	10.78	56076.34	56079.74219	56099.51114	56087.79297	504320.2	5410000.6
L4320.1	504320.2	5410000.7	53520.69922	329.91	0	48.842963	-86.941119	56065.88	56239.2	10.78	56076.67	56079.96094	56107.22023	56095.64453	504320.2	5410000.7
L4320.1	504320.2	5410000.7	53520.80078	330.33	0	48.842963	-86.941119	56065.76	56239.2	10.78	56076.54	56079.72656	56106.24613	56094.80859	504320.2	5410000.7
L4320.1	504320.2	5410000.9	53521.00000	331.30	0	48.842966	-86.941119	56065.35	56239.2	10.78	56076.13	56079.21094	56100.00275	56088.70313	504320.2	5410000.9
L4320.1	504320.2	5410000.9	53521.10156	332.47	0	48.842966	-86.941119	56065.03	56239.2	10.78	56075.81	56078.79297	56095.47231	56084.31250	504320.2	5410000.9
L4320.1	504320.2	5410001.2	53521.19922	331.95	0	48.842968	-86.941119	56064.70	56239.2	10.78	56075.48	56078.36328	56090.79240	56079.77344	504320.2	5410001.2
L4320.1	504320.2	5410001.4	53521.30078	332.30	0	48.842969	-86.941119	56064.46	56239.2	10.78	56075.24	56078.03125	56087.83606	56076.95703	504320.2	5410001.4
L4320.1	504320.2	5410001.4	53521.39844	332.80	0	48.842969	-86.941119	56064.42	56239.2	10.78	56075.20	56077.89844	56088.61785	56077.87891	504320.2	5410001.4
L4320.1	504320.3	5410001.6	53521.50000	333.10	0	48.842972	-86.941118	56064.72	56239.2	10.79	56075.50	56078.10938	56095.64197	56085.04297	504320.3	5410001.6
L4320.1	504320.3	5410001.9	53521.60156	331.86	0	48.842974	-86.941118	56064.44	56239.2	10.79	56075.23	56077.75781	56092.22544	56081.76172	504320.3	5410001.9
L4320.1	504320.3	5410001.9	53521.69922	329.25	0	48.842974	-86.941118	56064.24	56239.2	10.79	56075.02	56077.46484	56089.97161	56079.64844	504320.3	5410001.9
L4320.1	504320.3	5410002.1	53521.80078	328.53	0	48.842977	-86.941117	56064.14	56239.2	10.79	56074.93	56077.29688	56089.94026	56079.75781	504320.3	5410002.1
L4320.1	504320.4	5410002.4	53521.89844	327.26	0	48.842979	-86.941117	56063.96	56239.2	10.79	56074.75	56077.03906	56088.35210	56078.30859	504320.4	5410002.4
L4320.1	504320.4	5410002.8	53522.00000	326.06	0	48.842982	-86.941116	56064.16	56239.2	10.79	56074.95	56077.16797	56091.35547	56081.45313	504320.4	5410002.8
L4320.1	504320.5	5410003.1	53522.10156	323.74	0	48.842985	-86.941116	56063.64	56239.2	10.79	56074.43	56076.57813	56080.18461	56070.41797	504320.5	5410003.1
L4320.1	504320.5	5410003.1	53522.19922	322.01	0	48.842985	-86.941116	56063.98	56239.2	10.79	56074.77	56076.85156	56090.84004	56081.21484	504320.5	5410003.1
L4320.1	504320.5	5410003.4	53522.30078	322.30	0	48.842988	-86.941115	56063.81	56239.2	10.80	56074.61	56076.62891	56089.08504	56079.60156	504320.5	5410003.4
L4320.1	504320.6	5410003.7	53522.39844	322.50	0	48.842990	-86.941114	56063.81	56239.2	10.80	56074.61	56076.57031	56091.49160	56082.14844	504320.6	5410003.7
L4320.1	504320.6	5410004.0	53522.50000	322.31	0	48.842993	-86.941114	56063.73	56239.2	10.80	56074.53	56076.43359	56092.08718	56082.88281	504320.6	5410004.0
L4320.1	504320.6	5410004.0	53522.60156	323.94	0	48.842993	-86.941114	56063.73	56239.2	10.80	56074.54	56076.38672	56095.10357	56086.03906	504320.6	5410004.0
L4320.1	504320.7	5410004.5	53522.69922	325.56	0	48.842998	-86.941113	56063.13	56239.2	10.80	56073.93	56075.72656	56082.96049	56074.03906	504320.7	5410004.5
L4320.1	504320.7	5410004.5	53522.69922	325.56	0	48.842998	-86.941113	56062.77	56239.2	10.80	56073.58	56075.33203	56077.42838	56068.64844	504320.7	5410004.5
L4320.1	504320.7	5410004.9	53522.80078	325.93	0	48.843001	-86.941112	56062.77	56239.2	10.81	56073.58	56075.28516	56080.77861	56072.14453	504320.7	5410004.9
L4320.1	504320.8	5410005.3	53523.00000	330.23	0	48.843005	-86.941111	56062.32	56239.2	10.81	56073.13	56074.79297	56073.07136	56064.57813	504320.8	5410005.3
L4320.1	504320.9	5410005.7	53523.10156	330.41	0	48.843009	-86.941110	56062.67	56239.2	10.81	56073.48	56075.10547	56085.67006	56077.32031	504320.9	5410005.7
L4320.1	504320.9	5410005.7	53523.19922	329.58	0	48.843009	-86.941110	56062.22	56239.2	10.81	56073.03	56074.62109	56086.07930	56077.87500	504320.9	5410005.7
L4320.1	504320.9	5410006.3	53523.30078	328.91	0	48.843014	-86.941109	56062.12	56239.2	10.81	56072.92	56074.47656	56087.01265	56078.95313	504320.9	5410006.3
L4320.1	504320.9	5410006.3	53523.39844	329.31	0	48.843014	-86.941109	56061.78	56239.2	10.81	56072.59	56074.11719	56084.09287	56076.17969	504320.9	5410006.3
L4320.1	504321.0	5410006.7	53523.50000	330.96	0	48.843018	-86.941108	56061.71	56239.2	10.81	56072.52	56074.02344	56085.96932	56078.19922	504321.0	5410006.7
L4320.1	504321.1	5410007.3	53523.60156	332.65	0	48.843023	-86.941108	56061.50	56239.2	10.80	56072.31	56073.78906	56085.40673	56077.78516	504321.1	5410007.3
L4320.1	504321.1	5410007.8	53523.69922	333.25	0	48.843027	-86.941107	56061.48	56239.2	10.80	56072.28	56073.73828	56088.27538	56080.80078	504321.1	5410007.8
L4320.1	504321.1	5410007.8	53523.80078	333.18	0	48.843027	-86.941107	56061.20	56239.2	10.80	56072.00	56073.44141	56086.61546	56079.29297	504321.1	5410007.8
L4320.1	504321.1	5410007.8	53523.89844	332.78	0	48.843027	-86.941107	56060.90	56239.2	10.80	56071.70	56073.12500	56084.66378	56077.48828	504321.1	5410007.8
L4320.1	504321.2	5410008.5	53524.00000	330.76	0	48.843034	-86.941106	56060.60	56239.2	10.80	56071.40	56072.81250	56082.80226	56075.77734	504321.2	5410008.5
L4320.1	504321.2	5410009.1	53524.10156	327.69	0	48.843039	-86.941105	56060.42	56239.2	10.80	56071.22	56072.62500	56083.30596	56076.43359	504321.2	5410009.1
L4320.1	504321.3	5410009.6	53524.19922	328.85	0	48.843044	-86.941105	56060.39	56239.2	10.80	56071.18	56072.57813	56086.56976	56079.85156	504321.3	5410009.6
L4320.1	504321.3	5410009.6	53524.30078	328.40	0	48.843044	-86.941105	56060.17	56239.2	10.79	56070.96	56072.35156	56086.55412	56079.99219	504321.3	5410009.6
L4320.1	504321.3	5410010.2	53524.39844	328.70	0	48.843049	-86.941104	56059.64	56239.2	10.79	56070.43	56071.82031	56080.81170	56074.40625	504321.3	5410010.2
L4320.1	504321.4	5410010.8	53524.50000	330.86	0	48.843054	-86.941103	56059.36	56239.2	10.79	56070.15	56071.54297	56079.91976	56073.67188	504321.4	5410010.8
L4320.1	504321.4	5410011.5	53524.60156	330.19	0	48.843061	-86.941102	56059.31	56239.2	10.79	56070.09	56071.48828	56083.29749	56077.20703	504321.4	5410011.5
L4320.1	504321.5	5410012.0	53524.69922	331.28	0	48.843065	-86.941102	56058.98	56239.2	10.79	56069.76	56071.16406	56081.73376	56075.80078	504321.5	5410012.0
L4320.1	504321.5	5410012.0	53524.69922	331.28	0	48.843065	-86.941102	56058.50	56239.2	10.79	56069.29	56070.70313	56077.69811	56071.92969	504321.5	5410012.0
L4320.1	504321.5	5410012.6	53524.80078	329.54	0	48.843071	-86.941101	56058.46	56239.2	10.78	56069.25	56070.67578	56081.84830	56076.24219	504321.5	5410012.6
L4320.1	504321.6	5410013.3	53525.00000	324.36	0	48.843077	-86.941100	56058.07	56239.2	10.78	56068.85	56070.28906	56079.42257	56073.98047	504321.6	5410013.3
L4320.1	504321.7	5410014.0	53525.10156	323.98	0	48.843083	-86.941099	56057.76	56239.2	10.78	56068.54	56069.99609	56078.82777	56073.55078	504321.7	5410014.0

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4320.1	504321.7	5410014.0	53525.19922	324.97	0	48.843083	-86.941099	56057.59	56239.2	10.78	56068.37	56069.84375	56080.98900	56075.87891	504321.7	5410014.0
L4320.1	504321.7	5410014.9	53525.30078	327.54	0	48.843092	-86.941098	56057.38	56239.2	10.78	56068.16	56069.65625	56082.56056	56077.62109	504321.7	5410014.9
L4320.1	504321.8	5410015.7	53525.39844	328.90	0	48.843098	-86.941098	56057.00	56239.2	10.78	56067.78	56069.30078	56081.12663	56076.35938	504321.8	5410015.7
L4320.1	504321.8	5410015.7	53525.50000	328.93	0	48.843098	-86.941098	56056.52	56239.2	10.78	56067.30	56068.84766	56077.98276	56073.39063	504321.8	5410015.7
L4320.1	504321.8	5410015.7	53525.60156	328.39	0	48.843098	-86.941098	56056.29	56239.2	10.78	56067.07	56068.64453	56079.65539	56075.23828	504321.8	5410015.7
L4320.1	504321.8	5410016.6	53525.69922	329.83	0	48.843106	-86.941097	56055.95	56239.2	10.78	56066.72	56068.32813	56079.24633	56075.00391	504321.8	5410016.6
L4320.1	504321.9	5410017.2	53525.80078	327.24	0	48.843112	-86.941097	56055.56	56239.2	10.78	56066.34	56067.98047	56078.42954	56074.36719	504321.9	5410017.2
L4320.1	504321.9	5410018.2	53525.89844	327.66	0	48.843121	-86.941096	56055.26	56239.2	10.78	56066.04	56067.71484	56079.27491	56075.39453	504321.9	5410018.2
L4320.1	504321.9	5410018.2	53526.00000	328.25	0	48.843121	-86.941096	56054.98	56239.2	10.78	56065.76	56067.47266	56080.66433	56076.96875	504321.9	5410018.2
L4320.1	504321.9	5410018.9	53526.10156	329.37	0	48.843128	-86.941096	56054.61	56239.2	10.78	56065.38	56067.13281	56080.32116	56076.80859	504321.9	5410018.9
L4320.1	504322.0	5410019.8	53526.19922	330.45	0	48.843135	-86.941095	56053.99	56239.2	10.77	56064.77	56066.56250	56075.73778	56072.41406	504322.0	5410019.8
L4320.1	504322.0	5410020.4	53526.30078	331.56	0	48.843141	-86.941095	56053.62	56239.2	10.77	56064.39	56066.22656	56075.68282	56072.55078	504322.0	5410020.4
L4320.1	504322.0	5410020.4	53526.39844	331.67	0	48.843141	-86.941095	56053.16	56239.2	10.77	56063.93	56065.81250	56074.24065	56071.30078	504322.0	5410020.4
L4320.1	504322.0	5410021.2	53526.50000	332.01	0	48.843148	-86.941095	56052.78	56239.2	10.76	56063.55	56065.48047	56074.48733	56071.74219	504322.0	5410021.2
L4320.1	504322.0	5410022.1	53526.60156	332.25	0	48.843156	-86.941094	56052.05	56239.2	10.76	56062.81	56064.78906	56067.90068	56065.35156	504322.0	5410022.1
L4320.1	504322.0	5410023.0	53526.69922	331.65	0	48.843164	-86.941094	56051.87	56239.2	10.76	56062.63	56064.66016	56072.32460	56069.97266	504322.0	5410023.0
L4320.1	504322.0	5410023.8	53526.69922	331.65	0	48.843171	-86.941094	56051.54	56239.2	10.76	56062.30	56064.38281	56073.99411	56071.84766	504322.0	5410023.8
L4320.1	504322.1	5410024.8	53526.80078	330.23	0	48.843181	-86.941094	56051.34	56239.2	10.76	56062.10	56064.23828	56078.35673	56076.41406	504322.1	5410024.8
L4320.1	504322.1	5410024.8	53527.00000	331.13	0	48.843181	-86.941094	56050.81	56239.3	10.75	56061.56	56063.75781	56076.21759	56074.48047	504322.1	5410024.8
L4320.1	504322.1	5410025.7	53527.10156	331.71	0	48.843188	-86.941093	56050.35	56239.3	10.75	56061.10	56063.35547	56075.77903	56074.25000	504322.1	5410025.7
L4320.1	504322.1	5410025.7	53527.19922	333.03	0	48.843188	-86.941093	56049.95	56239.3	10.75	56060.70	56063.01563	56076.64877	56075.33203	504322.1	5410025.7
L4320.1	504322.1	5410026.9	53527.30078	334.19	0	48.843199	-86.941093	56049.21	56239.3	10.75	56059.96	56062.33594	56071.01176	56069.91016	504322.1	5410026.9
L4320.1	504322.1	5410027.7	53527.39844	332.39	0	48.843207	-86.941093	56048.84	56239.3	10.75	56059.59	56062.03125	56072.73503	56071.85156	504322.1	5410027.7
L4320.1	504322.1	5410028.8	53527.50000	331.67	0	48.843217	-86.941093	56048.20	56239.3	10.75	56058.95	56061.45313	56069.33947	56068.67578	504322.1	5410028.8
L4320.1	504322.1	5410028.8	53527.60156	330.22	0	48.843217	-86.941093	56047.75	56239.3	10.75	56058.50	56061.07031	56069.76952	56069.32813	504322.1	5410028.8
L4320.1	504322.1	5410029.8	53527.69922	330.47	0	48.843225	-86.941093	56046.93	56239.3	10.75	56057.68	56060.31641	56063.21202	56062.99609	504322.1	5410029.8
L4320.1	504322.1	5410029.8	53527.80078	330.03	0	48.843225	-86.941093	56046.54	56239.3	10.75	56057.29	56059.99609	56065.06873	56065.08203	504322.1	5410029.8
L4320.1	504322.1	5410031.0	53527.89844	331.26	0	48.843236	-86.941093	56045.75	56239.3	10.75	56056.50	56059.27734	56059.43666	56059.67969	504322.1	5410031.0
L4320.1	504322.1	5410032.1	53528.00000	330.87	0	48.843246	-86.941093	56045.52	56239.3	10.75	56056.27	56059.12109	56064.55395	56065.03125	504322.1	5410032.1
L4320.1	504322.1	5410032.1	53528.10156	329.17	0	48.843246	-86.941093	56044.89	56239.3	10.75	56055.64	56058.56250	56062.23775	56062.94922	504322.1	5410032.1
L4320.1	504322.1	5410033.2	53528.19922	327.72	0	48.843256	-86.941093	56044.31	56239.3	10.75	56055.06	56058.05859	56061.00153	56061.95313	504322.1	5410033.2
L4320.1	504322.1	5410034.2	53528.30078	328.39	0	48.843265	-86.941093	56043.95	56239.3	10.75	56054.70	56057.77344	56063.93591	56065.12891	504322.1	5410034.2
L4320.1	504322.1	5410035.3	53528.39844	327.17	0	48.843275	-86.941093	56043.46	56239.3	10.75	56054.21	56057.35938	56064.56673	56066.00391	504322.1	5410035.3
L4320.1	504322.1	5410035.3	53528.50000	328.14	0	48.843275	-86.941093	56042.76	56239.3	10.75	56053.51	56056.73828	56061.52137	56063.20313	504322.1	5410035.3
L4320.1	504322.1	5410036.4	53528.60156	327.67	0	48.843284	-86.941094	56042.08	56239.3	10.75	56052.83	56056.14063	56059.00185	56060.93359	504322.1	5410036.4
L4320.1	504322.0	5410037.4	53528.69922	328.29	0	48.843294	-86.941094	56041.72	56239.3	10.75	56052.47	56055.85938	56061.07140	56063.25391	504322.0	5410037.4
L4320.1	504322.0	5410037.4	53528.69922	328.29	0	48.843294	-86.941094	56040.82	56239.3	10.75	56051.57	56055.03906	56052.60313	56055.03906	504322.0	5410037.4
L4320.1	504322.0	5410038.4	53528.80078	329.22	0	48.843303	-86.941094	56040.46	56239.3	10.75	56051.21	56054.76172	56057.98785	56060.67969	504322.0	5410038.4
L4320.1	504322.0	5410039.6	53529.00000	328.06	0	48.843313	-86.941095	56039.88	56239.3	10.75	56050.63	56054.26563	56058.00537	56060.95703	504322.0	5410039.6
L4320.1	504322.0	5410039.6	53529.10156	327.07	0	48.843313	-86.941095	56039.35	56239.3	10.75	56050.10	56053.82031	56059.46298	56062.67578	504322.0	5410039.6
L4320.1	504321.9	5410041.0	53529.19922	325.12	0	48.843326	-86.941096	56038.89	56239.3	10.74	56049.64	56053.44531	56062.85806	56066.33203	504321.9	5410041.0
L4320.1	504321.9	5410042.5	53529.30078	324.83	0	48.843339	-86.941096	56037.78	56239.3	10.74	56048.52	56052.41406	56049.94721	56053.69141	504321.9	5410042.5
L4320.1	504321.9	5410042.5	53529.39844	324.26	0	48.843339	-86.941096	56036.92	56239.3	10.74	56047.66	56051.64063	56043.69670	56047.70703	504321.9	5410042.5
L4320.1	504321.8	5410043.8	53529.50000	323.81	0	48.843351	-86.941097	56036.16	56239.3	10.74	56046.90	56050.96875	56040.10138	56044.38281	504321.8	5410043.8
L4320.1	504321.8	5410045.0	53529.60156	322.89	0	48.843362	-86.941097	56035.73	56239.3	10.73	56046.47	56050.62500	56044.97788	56049.53516	504321.8	5410045.0
L4320.1	504321.8	5410046.1	53529.69922	323.45	0	48.843372	-86.941097	56035.05	56239.3	10.73	56045.78	56050.02344	56043.48223	56048.31250	504321.8	5410046.1
L4320.1	504321.8	5410046.1	53529.80078	326.88	0	48.843372	-86.941097	56034.39	56239.3	10.73	56045.12	56049.45313	56046.66771	56051.77734	504321.8	5410046.1
L4320.1	504321.8	5410047.3	53529.89844	328.56	0	48.843383	-86.941098	56033.81	56239.3	10.72	56044.53	56048.95313	56047.31158	56052.70313	504321.8	5410047.3
L4320.1	504321.8	5410047.3	53530.00000	328.95	0	48.843383	-86.941098	56033.13	56239.3	10.72	56043.85	56048.36719	56046.46089	56052.13281	504321.8	5410047.3
L4320.1	504321.7	5410048.4	53530.10156	330.58	0	48.843393	-86.941098	56032.63	56239.3	10.72	56043.35	56047.95703	56048.97628	56054.93359	504321.7	5410048.4
L4320.1	504321.7	5410049.6	53530.19922	330.20	0	48.843404	-86.941098	56031.86	56239.3	10.72	56042.58	56047.27734	56046.71718	56052.95703	504321.7	5410049.6
L4320.1	504321.7	5410049.6	53530.30078	330.96	0	48.843404	-86.941098	56030.85	56239.3	10.72	56041.57	56046.35938	56040.13710	56046.66797	504321.7	5410049.6
L4320.1	504321.7	5410051.0	53530.39844	331.78	0	48.843416	-86.941098	56030.34	56239.3	10.72	56041.06	56045.94531	56042.82454	56049.64453	504321.7	5410051.0
L4320.1	504321.7	5410052.2	53530.50000	332.94	0	48.843427	-86.941099	56029.71	56239.3	10.72	56040.43	56045.40625	56043.42877	56050.54297	504321.7	5410052.2
L4320.1	504321.6	5410053.7	53530.60156	331.16	0	48.843441	-86.941099	56028.86	56239.3	10.72	56039.58	56044.64844	56040.04054	56047.44922	504321.6	5410053.7
L4320.1	504321.6	5410053.7	53530.69922	329.99	0	48.843441	-86.941099	56028.57	56239.3	10.72	56039.29	56044.45313	56047.24479	56054.94922	504321.6	5410053.7
L4320.1	504321.6	5410054.9	53530.69922	329.99	0	48.843451	-86.941099	56027.46	56239.3	10.72	56038.18	56043.43750	56039.15637	56047.15625	504321.6	5410054.9
L4320.1	504321.6	5410056.2	53530.80078	329.27	0	48.843463	-86.941100	56026.53	56239.3	10.72	56037.25	56042.60156	56034.52024	56042.82422	504321.6	5410056.2
L4320.1	504321.6	5410056.2	53531.00000	329.69	0	48.843463	-86.941100	56025.69	56239.3	10.72	56036.41	56041.85547	56031.67308	56040.27734	504321.6	5410056.2
L4320.1	504321.6	5410057.9	53531.10156	331.51	0	48.843478	-86.941100	56025.23	56239.3	10.72	56035.95	56041.49219	56036.14146	56045.04688	504321.6	5410057.9
L4320.1	504321.5	5410058.6	53531.19922	331.92	0	48.843485	-86.941100	56024.42	56239.3	10.71	56035.14	56040.77344	56034.06826	56043.27734	504321.5	5410058.6
L4320.1	504321.5	5410060.0	53531.30078	331.01	0	48.843497	-86.941101	56023.67	56239.3	10.71	56034.38	56040.10938	56033.04406	56042.56250	504321.5	5410060.0
L4320.1	504321.5	5410060.0	53531.39844	329.70	0	48.843497	-86.941101	56022.98	56239.3	10.71	56033.69	56039.51563	56033.44526	56043.26953	504321.5	5410060.0
L4320.1	504321.5	5410061.1	53531.50000	329.03	0	48.843507	-86.941101	56021.94	56239.3	10.71	56032.65	56038.57031	56027.31034	56037.44531	504321.5	5410061.1
L4320.1	504321.5	5410062.0	53531.60156	327.77	0	48.843515	-86.941101	56021.34	56239.3	10.70	56032.04	56038.05469	56029.41470	56039.85938	504321.5	5410062.0
L4320.1	504321.5	5410062.0	53531.69922	327.57	0	48.843515	-86.941101	56020.20	56239.3	10.70	56030.90	56037.00781	56021.59369	56032.34766	504321.5	5410062.0
L4320.1	504321.5	5410063.4	53531.80078	327.56	0	48.843528	-86.941101	56019.62	56239.3	10.70	56030.32	56036.51953	56024.43820	56035.50781	504321.5	5410063.4
L4320.1	504321.4	5410065.2	53531.89844	328.91	0	48.843544	-86.941102	56018.78	56239.3	10.69	56029.47	56035.76563	56022.27072	56033.65625	504321.4	5410065.2
L4320.1	504321.4	5410065.2	53532.00000	328.98	0	48.843544	-86.941102	56018.11	56239.3	10.69	56028.80	56035.18750	56023.57895	56035.28125	504321.4	5410065.2
L4320.1	504321.4	5410066.3	53532.10156	328.51	0	48.843554	-86.941102	56017.52	56239.3	10.69	56028.21	56034.69141	56026.47822	56038.49609	504321.4	5410066.3
L4320.1	504321.4	5410067.7	53532.19922	328.36	0	48.843566	-86.941103	56016.86	56239.3	10.70	56027.56	56034.13281	56028.32978	56040.66406	504321.4	5410067.7
L4320.1	504321.3	5410069.2	53532.30078	329.01	0	48.843580	-86.941103	56016.03	56239.3	10.70	56026.73	56033.39453	56026.86293	56039.51953	504321.3	5410069.2
L4320.1	504321.3	5410069.2	53532.39844	330.83	0	48.843580	-86.941103	56015.12	56239.3	10.70	56025.82	56032.57813	56023.95641	56036.93359	504321.3	5410069.2
L4320.1	504321.3	5410070.3	53532.50000	330.73	0	48.843590	-86.941103	56014.21	56239.3	10.71	56024.91	56031.75781	56021.11748	56034.41406	504321.3	5410070.3
L4320.1	504321.3	5410070.3	53532.60156	331.50	0	48.843590	-86.941103	56012.89	56239.3	10.71	56023.60	56030.53906	56010.74819	56024.36719	504321.3	5410070.3
L4320.1	504321.3	5410072.1	53532.69922	330.18	0	48.843605	-86.941104	56012.20	56239.3	10.71	56022.91	56029.94141	56012.20980	56026.15234	504321.3	5410072.1
L4320.1	504321.2	5410073.1	53532.69922	330.18	0	48.843615	-86.941105	56011.42	56239.3	10.71	56022.13	56029.25000	56012.03199	56026.30078	504321.2	5410073.1
L4320.1	504321.2	5410074.6	53532.80078	330.50	0	48.843629	-86.941105	56010.39	56239.3	10.71	56021.10	56028.30859	56007.15581	56021.75000	504321.2	5410074.6
L4320.1	504321.2	5410074.6	53533.00000	331.78	0	48.843629	-86.941105	56009.73	56239.3	10.72	56020.45	56027.74609	56009.58674	56024.50391	504321.2	5410074.6
L4320.1	504321.1	5410075.6	53533.10156	331.73	0	48.843638	-86.941106	56008.74	56239.3	10.72	56019.46	56026.84375	56005.59429	56020.83984	504321.1	5410075.6
L4320.1	504321.1	5410077.4	53533.19922	330.27	0	48.843654	-86.941106	56007.78	56239.3	10.72	56018.50	56025.96875	56002.23453	56017.80859	504321.1	5410077.4
L4320.1	504321.1	5410077.4	53533.30078	331.03	0	48.843654	-86.941106	56007.00	56239.3	10.72	56017.71	56025.26172	56002.17678	56018.07813	504321.1	5410077.4
L4320.1	504321.0	5410078.8	53533.39844	330.32	0	48.843667	-86.941107	56005.81	56239.3	10.72	56016.53	56024.16797	55994.74284	56010.97266	504321.0	5410078.8
L4320.1	504321.0	5410080.3	53533.50000	330.58	0	48.843679	-86.941107	56005.18	56239.3	10.71	56015.89	56023.60938	55997.64995	56014.21094	504321.0	5410080.3
L4320.1	504321.0	5410080.3	53533.60156	330.88	0	48.843679	-86.941107	56004.46	56239.3	10.71	56015.18	56022.98047	55999.26301	56016.15234	504321.0	5410080.3
L4320.1	504321.0	5410081.3	53533.69922	331.40	0	48.843689	-86.941108	56003.76	56239.3	10.71	56014.47	56022.35156	56000.90722	56018.12500	504321.0	5410081.3
L4320.1	504321.0	5410082.6	53533.80078	330.90	0	48.843700	-86.941108	56003.05	56239.3	10.71	56013.76	56021.72266	56002.57460	56020.12500	504321.0	5410082.6
L4320.1	504321.0	5410083.9	53533.89844	329.48	0	48.843712	-86.941108	56001.94	56239.3	10.71	56012.65	56020.69141	55996.73072	56014.61328	504321.0	5410083.9
L4320.1	504321.0	5410083.9	53534.00000	330.37	0	48.843712	-86.941108	56001.36	56239.3	10.71	56012.07	56020.18750	56000.88579	56019.09766	504321.0	5410083.9
L4320.1	504321.0	5410085.7	53534.10156	329.93	0	48.843728	-86.941108	56000.02	56239.3	10.71	56010.73	56018.92188	55990.82961	56009.37500	504321.0	5410085.7
L4320.1	504321.0	5410085.7	53534.19922	328.70	0	48.843728	-86.941108	55999.38	56239.3	10.71	56010.10	56018.36719	55994.07182	56012.94922	504321.0	5410085.7
L4320.1	504321.0	5410086.6	53534.30078	328.93	0	48.843736	-86.941108	55998.55	56239.3	10.72	56009.27	56017.60938	55993.58733	56012.79688	504321.0	5410086.6
L4320.1	504320.9	5410088.1	53534.39844	328.22	0	48.843750	-86.941108	55997.66	56239.3	10.72	56008.38	56016.79297	55991.99944	56011.53906	504320.9	5410088.1

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4320.1	504320.9	5410089.4	53534.50000	328.00	0	48.843761	-86.941109	55996.73	56239.3	10.72	56007.45	56015.92969	55989.68431	56009.55859	504320.9	5410089.4
L4320.1	504320.9	5410089.4	53534.60156	327.85	0	48.843761	-86.941109	55995.99	56239.3	10.72	56006.71	56015.25781	55990.85131	56011.05859	504320.9	5410089.4
L4320.1	504320.9	5410090.8	53534.69922	326.88	0	48.843774	-86.941109	55994.81	56239.3	10.72	56005.53	56014.14453	55983.98008	56004.51953	504320.9	5410090.8
L4320.1	504320.8	5410092.1	53534.69922	326.88	0	48.843786	-86.941110	55993.92	56239.3	10.72	56004.64	56013.32031	55982.39998	56003.26953	504320.8	5410092.1
L4320.1	504320.8	5410093.4	53534.80078	325.98	0	48.843797	-86.941110	55993.26	56239.3	10.73	56003.98	56012.72266	55984.95324	56006.15625	504320.8	5410093.4
L4320.1	504320.8	5410093.4	53535.00000	327.63	0	48.843797	-86.941110	55991.92	56239.3	10.73	56002.65	56011.45313	55975.39264	55996.92969	504320.8	5410093.4
L4320.1	504320.8	5410094.6	53535.10156	327.81	0	48.843808	-86.941110	55991.21	56239.3	10.73	56001.95	56010.81250	55977.14754	55999.01563	504320.8	5410094.6
L4320.1	504320.7	5410096.7	53535.19922	330.00	0	48.843827	-86.941111	55990.56	56239.3	10.73	56001.29	56010.21094	55979.55396	56001.75391	504320.7	5410096.7
L4320.1	504320.7	5410097.1	53535.30078	330.59	0	48.843831	-86.941111	55989.44	56239.3	10.73	56000.17	56009.14844	55973.67304	55996.20313	504320.7	5410097.1
L4320.1	504320.7	5410098.3	53535.39844	329.28	0	48.843842	-86.941112	55988.38	56239.3	10.73	55999.11	56008.14063	55968.81072	55991.67188	504320.7	5410098.3
L4320.1	504320.7	5410098.3	53535.50000	329.13	0	48.843842	-86.941112	55987.68	56239.3	10.74	55998.41	56007.49219	55970.30171	55993.49219	504320.7	5410098.3
L4320.1	504320.7	5410099.8	53535.60156	329.32	0	48.843855	-86.941112	55987.02	56239.3	10.74	55997.75	56006.88281	55972.42896	55995.94922	504320.7	5410099.8
L4320.1	504320.7	5410099.8	53535.69922	327.66	0	48.843855	-86.941112	55985.93	56239.3	10.74	55996.66	56005.83984	55966.79042	55990.64063	504320.7	5410099.8
L4320.1	504320.6	5410101.3	53535.80078	327.41	0	48.843868	-86.941113	55984.91	56239.3	10.74	55995.65	56004.87500	55962.48020	55986.66016	504320.6	5410101.3
L4320.1	504320.6	5410102.7	53535.89844	326.31	0	48.843881	-86.941113	55983.95	56239.3	10.74	55994.69	56003.95703	55958.95787	55983.46484	504320.6	5410102.7
L4320.1	504320.6	5410104.1	53536.00000	326.36	0	48.843894	-86.941113	55983.07	56239.3	10.74	55993.81	56003.11719	55956.76575	55981.60156	504320.6	5410104.1
L4320.1	504320.6	5410104.1	53536.10156	326.53	0	48.843894	-86.941113	55982.21	56239.3	10.74	55992.95	56002.29688	55954.82881	55979.98828	504320.6	5410104.1
L4320.1	504320.6	5410105.9	53536.19922	327.50	0	48.843910	-86.941113	55981.30	56239.3	10.74	55992.04	56001.42188	55951.87700	55977.36328	504320.6	5410105.9
L4320.1	504320.5	5410107.5	53536.30078	326.76	0	48.843925	-86.941114	55980.41	56239.3	10.74	55991.15	56000.56641	55949.17267	55974.98438	504320.5	5410107.5
L4320.1	504320.5	5410107.5	53536.39844	326.57	0	48.843925	-86.941114	55979.61	56239.3	10.74	55990.35	55999.80078	55947.99752	55974.13281	504320.5	5410107.5
L4320.1	504320.5	5410108.8	53536.50000	327.52	0	48.843936	-86.941114	55978.89	56239.3	10.74	55989.63	55999.10938	55948.18368	55974.63672	504320.5	5410108.8
L4320.1	504320.5	5410110.3	53536.60156	328.44	0	48.843949	-86.941114	55978.11	56239.3	10.74	55988.85	55998.35547	55947.16277	55973.93750	504320.5	5410110.3
L4320.1	504320.5	5410110.3	53536.69922	329.84	0	48.843949	-86.941114	55977.33	56239.3	10.74	55988.07	55997.59766	55946.02862	55973.12109	504320.5	5410110.3
L4320.1	504320.5	5410112.2	53536.80078	329.84	0	48.843967	-86.941114	55976.49	56239.3	10.74	55987.23	55996.78125	55943.66226	55971.07422	504320.5	5410112.2
L4320.1	504320.5	5410112.2	53536.80078	330.50	0	48.843967	-86.941114	55975.91	56239.3	10.74	55986.65	55996.22266	55946.00973	55973.73828	504320.5	5410112.2
L4320.1	504320.5	5410113.7	53537.00000	330.68	0	48.843980	-86.941114	55974.90	56239.3	10.74	55985.64	55995.22656	55940.22142	55968.26172	504320.5	5410113.7
L4320.1	504320.5	5410115.0	53537.10156	330.65	0	48.843992	-86.941114	55974.14	56239.3	10.74	55984.88	55994.48047	55938.96068	55967.31250	504320.5	5410115.0
L4320.1	504320.5	5410116.5	53537.19922	331.18	0	48.844005	-86.941114	55973.43	56239.3	10.74	55984.17	55993.78516	55938.50360	55967.16797	504320.5	5410116.5
L4320.1	504320.5	5410116.5	53537.30078	330.44	0	48.844005	-86.941114	55972.42	56239.3	10.74	55983.16	55992.78125	55932.28157	55961.25391	504320.5	5410116.5
L4320.1	504320.5	5410118.2	53537.39844	330.20	0	48.844020	-86.941114	55971.98	56239.3	10.74	55982.72	55992.34766	55936.61584	55965.89453	504320.5	5410118.2
L4320.1	504320.5	5410119.5	53537.50000	329.19	0	48.844032	-86.941114	55971.16	56239.3	10.74	55981.90	55991.53516	55933.67254	55963.25391	504320.5	5410119.5
L4320.1	504320.5	5410120.8	53537.60156	329.52	0	48.844044	-86.941114	55970.52	56239.3	10.74	55981.26	55990.89453	55933.96190	55963.84766	504320.5	5410120.8
L4320.1	504320.5	5410120.8	53537.69922	328.43	0	48.844044	-86.941114	55969.79	56239.3	10.74	55980.53	55990.16406	55932.40858	55962.59375	504320.5	5410120.8
L4320.1	504320.5	5410122.1	53537.80078	328.99	0	48.844056	-86.941114	55969.11	56239.3	10.74	55979.85	55989.48047	55931.63394	55962.11328	504320.5	5410122.1
L4320.1	504320.5	5410122.1	53537.89844	328.64	0	48.844056	-86.941114	55968.20	56239.3	10.74	55978.93	55988.55078	55926.20522	55956.98047	504320.5	5410122.1
L4320.1	504320.5	5410123.7	53538.00000	327.57	0	48.844070	-86.941114	55967.46	56239.3	10.74	55978.20	55987.81250	55924.16042	55955.22656	504320.5	5410123.7
L4320.1	504320.5	5410125.2	53538.10156	329.29	0	48.844084	-86.941114	55967.26	56239.3	10.74	55978.00	55987.60156	55931.78423	55963.14063	504320.5	5410125.2
L4320.1	504320.5	5410126.4	53538.19922	328.68	0	48.844094	-86.941114	55966.30	56239.3	10.74	55977.04	55986.62500	55925.07180	55956.71484	504320.5	5410126.4
L4320.1	504320.5	5410127.8	53538.30078	328.85	0	48.844107	-86.941114	55965.48	56239.3	10.74	55976.23	55985.79688	55920.95227	55952.87891	504320.5	5410127.8
L4320.1	504320.5	5410127.8	53538.39844	328.65	0	48.844107	-86.941114	55965.21	56239.3	10.74	55975.96	55985.50781	55926.58034	55958.78516	504320.5	5410127.8
L4320.1	504320.5	5410129.1	53538.50000	327.99	0	48.844119	-86.941114	55964.53	56239.3	10.74	55975.27	55984.79688	55924.21653	55956.69922	504320.5	5410129.1
L4320.1	504320.5	5410130.9	53538.60156	329.58	0	48.844135	-86.941114	55963.64	56239.3	10.75	55974.39	55983.89063	55918.12746	55950.88281	504320.5	5410130.9
L4320.1	504320.4	5410132.0	53538.69922	330.35	0	48.844145	-86.941115	55963.24	56239.3	10.75	55973.98	55983.45313	55920.41073	55953.43750	504320.4	5410132.0
L4320.1	504320.4	5410132.0	53538.80078	330.35	0	48.844145	-86.941115	55962.71	56239.3	10.75	55973.46	55982.90234	55920.41194	55953.70313	504320.4	5410132.0
L4320.1	504320.4	5410133.8	53538.80078	330.60	0	48.844161	-86.941115	55961.92	56239.3	10.75	55972.67	55982.07813	55915.21249	55948.76953	504320.4	5410133.8
L4320.1	504320.4	5410133.8	53539.00000	326.76	0	48.844161	-86.941115	55961.41	56239.3	10.75	55972.16	55981.53125	55914.86500	55948.67969	504320.4	5410133.8
L4320.1	504320.4	5410135.2	53539.10156	326.09	0	48.844173	-86.941115	55961.01	56239.2	10.75	55971.76	55981.08984	55916.25532	55950.32422	504320.4	5410135.2
L4320.1	504320.4	5410136.8	53539.19922	325.34	0	48.844188	-86.941115	55960.45	56239.2	10.75	55971.21	55980.50000	55914.63516	55948.95703	504320.4	5410136.8
L4320.1	504320.4	5410138.1	53539.30078	325.99	0	48.844200	-86.941115	55959.82	56239.2	10.76	55970.58	55979.82422	55911.28075	55945.85156	504320.4	5410138.1
L4320.1	504320.4	5410139.3	53539.39844	327.11	0	48.844210	-86.941115	55959.27	56239.2	10.76	55970.02	55979.21875	55908.92564	55943.74219	504320.4	5410139.3
L4320.1	504320.4	5410140.9	53539.50000	329.38	0	48.844224	-86.941115	55958.66	56239.2	10.76	55969.42	55978.57031	55905.55952	55940.61328	504320.4	5410140.9
L4320.1	504320.4	5410140.9	53539.60156	329.13	0	48.844224	-86.941115	55958.13	56239.2	10.76	55968.89	55977.98828	55903.18923	55938.48047	504320.4	5410140.9
L4320.1	504320.4	5410142.7	53539.69922	327.92	0	48.844241	-86.941115	55957.82	56239.2	10.76	55968.59	55977.63281	55904.73690	55940.25781	504320.4	5410142.7
L4320.1	504320.4	5410142.7	53539.80078	328.41	0	48.844241	-86.941115	55957.14	56239.2	10.77	55967.91	55976.89453	55899.05925	55934.80859	504320.4	5410142.7
L4320.1	504320.4	5410144.0	53539.80078	328.41	0	48.844252	-86.941115	55957.09	56239.2	10.77	55967.86	55976.78516	55904.60302	55940.57422	504320.4	5410144.0
L4320.1	504320.4	5410145.5	53540.00000	328.12	0	48.844266	-86.941115	55956.51	56239.2	10.77	55967.28	55976.14453	55900.17563	55936.36328	504320.4	5410145.5
L4320.1	504320.4	5410146.9	53540.10156	328.12	0	48.844279	-86.941115	55956.03	56239.2	10.77	55966.79	55975.58984	55897.09899	55933.50000	504320.4	5410146.9
L4320.1	504320.4	5410146.9	53540.19922	329.37	0	48.844279	-86.941115	55955.85	56239.2	10.76	55966.62	55975.35547	55899.56964	55936.17969	504320.4	5410146.9
L4320.1	504320.4	5410148.3	53540.30078	328.90	0	48.844291	-86.941115	55955.32	56239.2	10.76	55966.08	55974.74609	55894.98352	55931.79688	504320.4	5410148.3
L4320.1	504320.4	5410150.2	53540.39844	329.68	0	48.844308	-86.941115	55955.12	56239.2	10.76	55965.88	55974.47266	55896.30086	55933.31250	504320.4	5410150.2
L4320.1	504320.4	5410151.4	53540.50000	328.70	0	48.844320	-86.941115	55954.66	56239.2	10.75	55965.42	55973.94141	55892.56785	55929.76953	504320.4	5410151.4
L4320.1	504320.4	5410151.4	53540.60156	328.32	0	48.844320	-86.941115	55954.89	56239.2	10.75	55965.64	55974.08594	55900.92091	55938.31250	504320.4	5410151.4
L4320.1	504320.4	5410152.8	53540.69922	328.65	0	48.844332	-86.941115	55954.21	56239.3	10.75	55964.96	55973.32422	55892.55981	55930.13281	504320.4	5410152.8
L4320.1	504320.4	5410154.5	53540.69922	328.65	0	48.844347	-86.941115	55954.06	56239.3	10.75	55964.80	55973.08594	55893.35536	55931.10938	504320.4	5410154.5
L4320.1	504320.4	5410154.5	53540.80078	328.17	0	48.844347	-86.941115	55953.73	56239.3	10.75	55964.47	55972.67188	55890.74090	55928.66406	504320.4	5410154.5
L4320.1	504320.4	5410156.4	53541.00000	327.28	0	48.844365	-86.941115	55953.60	56239.3	10.74	55964.34	55972.46094	55891.43935	55929.53125	504320.4	5410156.4
L4320.1	504320.4	5410158.0	53541.10156	328.04	0	48.844378	-86.941115	55953.32	56239.3	10.74	55964.06	55972.09375	55889.09032	55927.34375	504320.4	5410158.0
L4320.1	504320.4	5410158.0	53541.19922	328.57	0	48.844378	-86.941115	55953.38	56239.3	10.74	55964.12	55972.06641	55892.56934	55930.97656	504320.4	5410158.0
L4320.1	504320.4	5410159.6	53541.30078	327.63	0	48.844393	-86.941116	55953.30	56239.3	10.75	55964.04	55971.89453	55893.17364	55931.73438	504320.4	5410159.6
L4320.1	504320.3	5410160.7	53541.39844	328.26	0	48.844403	-86.941116	55953.12	56239.3	10.75	55963.87	55971.63281	55891.81313	55930.51563	504320.3	5410160.7
L4320.1	504320.3	5410162.5	53541.50000	327.57	0	48.844419	-86.941116	55953.32	56239.3	10.75	55964.07	55971.73828	55896.77628	55935.61719	504320.3	5410162.5
L4320.1	504320.3	5410162.5	53541.60156	327.99	0	48.844419	-86.941116	55953.12	56239.2	10.75	55963.87	55971.44531	55894.17849	55933.15234	504320.3	5410162.5
L4320.1	504320.3	5410163.9	53541.69922	328.64	0	48.844432	-86.941116	55953.04	56239.2	10.75	55963.80	55971.27734	55893.56883	55932.67188	504320.3	5410163.9
L4320.1	504320.3	5410163.9	53541.80078	327.41	0	48.844432	-86.941116	55952.82	56239.2	10.76	55963.58	55970.96094	55889.91288	55929.13672	504320.3	5410163.9
L4320.1	504320.3	5410165.2	53541.89844	327.05	0	48.844443	-86.941116	55952.99	56239.2	10.76	55963.75	55971.02734	55892.89595	55932.23438	504320.3	5410165.2
L4320.1	504320.3	5410166.8	53542.00000	326.59	0	48.844458	-86.941116	55952.92	56239.2	10.76	55963.68	55970.85547	55891.21728	55930.66406	504320.3	5410166.8
L4320.1	504320.3	5410168.3	53542.10156	327.03	0	48.844472	-86.941116	55952.76	56239.2	10.76	55963.52	55970.59375	55887.57308	55927.12109	504320.3	5410168.3
L4320.1	504320.3	5410168.3	53542.19922	325.86	0	48.844472	-86.941116	55952.79	56239.2	10.75	55963.54	55970.51172	55886.79040	55926.43750	504320.3	5410168.3
L4320.1	504320.3	5410170.0	53542.30078	325.56	0	48.844486	-86.941116	55952.76	56239.2	10.75	55963.51	55970.37500	55884.75458	55924.49219	504320.3	5410170.0
L4320.1	504320.3	5410171.3	53542.39844	324.87	0	48.844498	-86.941116	55952.96	56239.3	10.75	55963.71	55970.46875	55886.46095	55926.28125	504320.3	5410171.3
L4320.1	504320.3	5410171.3	53542.50000	327.80	0	48.844498	-86.941116	55953.14	56239.3	10.75	55963.89	55970.53906	55887.44672	55927.34375	504320.3	5410171.3
L4320.1	504320.3	5410172.9	53542.60156	328.54	0	48.844513	-86.941116	55953.30	56239.3	10.74	55964.04	55970.58203	55887.53768	55927.50781	504320.3	5410172.9
L4320.1	504320.3	5410174.7	53542.69922	329.68	0	48.844529	-86.941116	55953.30	56239.3	10.74	55964.04	55970.47266	55884.60373	55924.63672	504320.3	5410174.7
L4320.1	504320.3	5410176.0	53542.69922	329.68	0	48.844541	-86.941116	55953.65	56239.3	10.74	55964.39	55970.71094	55887.54013	55927.63281	504320.3	5410176.0
L4320.1	504320.3	5410176.0	53542.80078	328.68	0	48.844541	-86.941116	55954.11	56239.3	10.74	55964.85	55971.05859	55892.06836	55932.21094	504320.3	5410176.0
L4320.1	504320.4	5410177.5	53543.00000	327.01	0	48.844554	-86.941115	55954.11	56239.3	10.73	55964.84	55970.93359	55887.89488	55928.08203	504320.4	5410177.5
L4320.1	504320.4	5410178.9	53543.10156	327.81	0	48.844567	-86.941115	55954.43	56239.3	10.73	55965.16	55971.14063	55895.06857	55935.29297	504320.4	5410178.9
L4320.1	504320.4	5410180.5	53543.19922	327.70	0	48.844581	-86.941114	55954.74	56239.3	10.72	55965.46	55971.32813	55895.72719	55935.98438	504320.4	5410180.5
L4320.1	504320.4	5410180.5	53543.30078	327.17	0	48.844581	-86.941114	55955.20	56239.3	10.72	55965.91	55971.66406	55899.64816	55939.92969	504320.4	5410180.5
L4320.1	504320.5	5410182.7	53543.39844	326.98	0	48.844601	-86.941113	55955.14	56239.3	10.71	55965.86	55971.50000	55890.35279	55930.65234	504320.5	5410182.7
L4320.1	504320.6	5410184.4	53543.50000	328.10	0	48.844616	-86.941112	55955.57	56239.3	10.71	55966.28	55971.80469	55892.43216	55932.74219	504320.6	5410184.4
L4320.1	504320.6	5410184.4	53543.60156	328.33	0	48.844616	-86.941112	55955.95	56239.3	10.71	55966.66	55972.06641	55892.95578	55933.27344	504320.6	5410184.4
L4320.1	504320.7	5410186.0	53543.69922	327.04	0	48.844631	-86.941111	55956.79	56239.3	10.70	55967.49	55972.78125	55904.29200	55944.60547	504320.7	5410186.0

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4320.1	504320.7	5410186.0	53543.80078	326.45	0	48.844631	-86.941111	55957.06	56239.3	10.70	55967.76	55972.93359	55900.95008	55941.25391	504320.7	5410186.0
L4320.1	504320.7	5410187.7	53543.89844	327.53	0	48.844646	-86.941110	55957.49	56239.3	10.69	55968.19	55973.24609	55901.10236	55941.39063	504320.7	5410187.7
L4320.1	504320.8	5410189.3	53544.00000	326.67	0	48.844660	-86.941110	55958.16	56239.3	10.69	55968.85	55973.79297	55906.49223	55946.75781	504320.8	5410189.3
L4320.1	504320.8	5410189.3	53544.10156	327.51	0	48.844660	-86.941110	55958.54	56239.3	10.69	55969.22	55974.04297	55904.04411	55944.28125	504320.8	5410189.3
L4320.1	504320.8	5410190.7	53544.19922	328.15	0	48.844673	-86.941109	55959.06	56239.3	10.69	55969.75	55974.45703	55905.06894	55945.26953	504320.8	5410190.7
L4320.1	504320.8	5410192.3	53544.30078	327.38	0	48.844688	-86.941109	55959.62	56239.3	10.69	55970.31	55974.90234	55906.29778	55946.45313	504320.8	5410192.3
L4320.1	504320.8	5410193.6	53544.39844	325.39	0	48.844699	-86.941108	55960.40	56239.3	10.69	55971.09	55975.56641	55912.49925	55952.60156	504320.8	5410193.6
L4320.1	504320.8	5410193.6	53544.50000	323.80	0	48.844699	-86.941108	55960.76	56239.3	10.68	55971.44	55975.80078	55907.36708	55947.41406	504320.8	5410193.6
L4320.1	504320.9	5410195.2	53544.60156	324.28	0	48.844713	-86.941108	55961.70	56239.3	10.68	55972.38	55976.62500	55916.50137	55956.48438	504320.9	5410195.2
L4320.1	504320.9	5410196.2	53544.69922	324.99	0	48.844722	-86.941108	55962.00	56239.3	10.68	55972.68	55976.80859	55909.02218	55948.93359	504320.9	5410196.2
L4320.1	504320.9	5410197.6	53544.80078	324.99	0	48.844735	-86.941108	55962.61	56239.3	10.68	55973.29	55977.30469	55908.79187	55948.62500	504320.9	5410197.6
L4320.1	504320.9	5410197.6	53544.80078	327.30	0	48.844735	-86.941108	55963.49	56239.3	10.68	55974.17	55978.07031	55914.83738	55954.58203	504320.9	5410197.6
L4320.1	504320.9	5410199.6	53545.00000	325.83	0	48.844753	-86.941108	55964.38	56239.3	10.68	55975.06	55978.84375	55920.63191	55960.28516	504320.9	5410199.6
L4320.1	504320.9	5410201.3	53545.10156	326.91	0	48.844768	-86.941107	55964.98	56239.3	10.68	55975.66	55979.33203	55918.59452	55958.14844	504320.9	5410201.3
L4320.1	504321.0	5410203.1	53545.19922	326.45	0	48.844784	-86.941107	55965.29	56239.3	10.67	55975.96	55979.51953	55908.44039	55947.89063	504321.0	5410203.1
L4320.1	504321.0	5410203.1	53545.30078	327.11	0	48.844784	-86.941107	55966.10	56239.3	10.67	55976.77	55980.21875	55910.69544	55950.03125	504321.0	5410203.1
L4320.1	504321.0	5410204.7	53545.39844	328.61	0	48.844799	-86.941106	55966.90	56239.3	10.67	55977.57	55980.91016	55912.20870	55951.42578	504321.0	5410204.7
L4320.1	504321.0	5410206.4	53545.50000	328.04	0	48.844814	-86.941106	55967.66	56239.3	10.67	55978.33	55981.55859	55908.01015	55947.09766	504321.0	5410206.4
L4320.1	504321.0	5410206.4	53545.60156	328.41	0	48.844814	-86.941106	55968.32	56239.3	10.66	55978.98	55982.10156	55906.12617	55945.08203	504321.0	5410206.4
L4320.1	504321.1	5410208.0	53545.69922	328.05	0	48.844828	-86.941106	55969.26	56239.3	10.66	55979.92	55982.93359	55909.06797	55947.88672	504321.1	5410208.0
L4320.1	504321.1	5410209.6	53545.80078	328.48	0	48.844843	-86.941105	55970.42	56239.3	10.66	55981.07	55983.97656	55915.42491	55954.09375	504321.1	5410209.6
L4320.1	504321.1	5410209.6	53545.89844	329.08	0	48.844843	-86.941105	55971.16	56239.3	10.65	55981.81	55984.61328	55914.18789	55952.70313	504321.1	5410209.6
L4320.1	504321.1	5410211.1	53546.00000	328.84	0	48.844856	-86.941105	55972.22	56239.3	10.65	55982.87	55985.56641	55918.31361	55956.66797	504321.1	5410211.1
L4320.1	504321.1	5410212.6	53546.10156	327.00	0	48.844870	-86.941105	55972.82	56239.4	10.65	55983.47	55986.06641	55913.95383	55952.14453	504321.1	5410212.6
L4320.1	504321.1	5410212.6	53546.19922	329.89	0	48.844870	-86.941105	55974.02	56239.4	10.65	55984.66	55987.15234	55919.74260	55957.75781	504321.1	5410212.6
L4320.1	504321.1	5410214.5	53546.30078	331.41	0	48.844887	-86.941105	55974.49	56239.4	10.64	55985.14	55987.53516	55912.61208	55950.44531	504321.1	5410214.5
L4320.1	504321.1	5410216.2	53546.39844	331.81	0	48.844902	-86.941105	55975.50	56239.4	10.64	55986.15	55988.44531	55914.55565	55952.20313	504321.1	5410216.2
L4320.1	504321.1	5410216.2	53546.50000	330.66	0	48.844902	-86.941105	55976.70	56239.4	10.64	55987.33	55989.52734	55919.18213	55956.63672	504321.1	5410216.2
L4320.1	504321.1	5410217.9	53546.60156	328.23	0	48.844917	-86.941105	55977.22	56239.4	10.64	55987.86	55989.96094	55911.95204	55949.20703	504321.1	5410217.9
L4320.1	504321.1	5410219.3	53546.69922	326.53	0	48.844930	-86.941105	55978.79	56239.4	10.64	55989.43	55991.43750	55922.82987	55959.87891	504321.1	5410219.3
L4320.1	504321.1	5410220.7	53546.69922	326.53	0	48.844943	-86.941105	55979.83	56239.4	10.64	55990.47	55992.38672	55923.97813	55960.81641	504321.1	5410220.7
L4320.1	504321.1	5410220.7	53546.80078	327.01	0	48.844943	-86.941105	55981.10	56239.4	10.63	55991.73	55993.55469	55928.70010	55965.31641	504321.1	5410220.7
L4320.1	504321.1	5410222.1	53547.00000	326.45	0	48.844955	-86.941105	55982.54	56239.4	10.63	55993.17	55994.90625	55936.29904	55972.69141	504321.1	5410222.1
L4320.1	504321.1	5410224.3	53547.10156	326.28	0	48.844975	-86.941104	55983.14	56239.4	10.63	55993.77	55995.41797	55928.61742	55964.78125	504321.1	5410224.3
L4320.1	504321.1	5410224.3	53547.19922	326.23	0	48.844975	-86.941104	55984.43	56239.4	10.63	55995.06	55996.62109	55932.89652	55968.82422	504321.1	5410224.3
L4320.1	504321.1	5410226.2	53547.30078	326.51	0	48.844992	-86.941104	55985.63	56239.4	10.63	55996.25	55997.73047	55935.07631	55970.75781	504321.1	5410226.2
L4320.1	504321.1	5410227.9	53547.39844	327.49	0	48.845007	-86.941104	55987.07	56239.4	10.63	55997.69	55999.08594	55941.43531	55976.86719	504321.1	5410227.9
L4320.1	504321.1	5410227.9	53547.50000	327.59	0	48.845007	-86.941104	55988.10	56239.4	10.63	55998.73	56000.04688	55940.30950	55975.48828	504321.1	5410227.9
L4320.1	504321.1	5410229.4	53547.60156	327.44	0	48.845021	-86.941104	55989.24	56239.4	10.62	55999.86	56001.09766	55940.49348	55975.41406	504321.1	5410229.4
L4320.1	504321.1	5410230.8	53547.69922	328.57	0	48.845034	-86.941104	55990.31	56239.4	10.62	56000.93	56002.09375	55939.28874	55973.94141	504321.1	5410230.8
L4320.1	504321.1	5410230.8	53547.80078	328.48	0	48.845034	-86.941104	55991.87	56239.4	10.62	56002.49	56003.57813	55946.69773	55981.07813	504321.1	5410230.8
L4320.1	504321.1	5410232.9	53547.89844	329.40	0	48.845052	-86.941104	55993.08	56239.4	10.62	56003.70	56004.71484	55947.47748	55981.57813	504321.1	5410232.9
L4320.1	504321.1	5410234.2	53548.00000	329.71	0	48.845064	-86.941105	55994.35	56239.4	10.62	56004.97	56005.91406	55949.07443	55982.89453	504321.1	5410234.2
L4320.1	504321.1	5410234.2	53548.10156	328.84	0	48.845064	-86.941105	55995.48	56239.4	10.62	56006.10	56006.97656	55947.82878	55981.35938	504321.1	5410234.2
L4320.1	504321.1	5410235.9	53548.19922	329.83	0	48.845080	-86.941105	55996.40	56239.4	10.62	56007.02	56007.83203	55942.43198	55975.67188	504321.1	5410235.9
L4320.1	504321.1	5410237.4	53548.30078	330.77	0	48.845093	-86.941105	55998.14	56239.4	10.62	56008.76	56009.50781	55951.85743	55984.79688	504321.1	5410237.4
L4320.1	504321.1	5410237.4	53548.39844	331.80	0	48.845093	-86.941105	55999.56	56239.4	10.62	56010.18	56010.86328	55955.13390	55987.76563	504321.1	5410237.4
L4320.1	504321.0	5410238.8	53548.50000	331.92	0	48.845106	-86.941105	56001.20	56239.4	10.62	56011.82	56012.44531	55962.22737	55994.55078	504321.0	5410238.8
L4320.1	504321.0	5410240.9	53548.60156	330.62	0	48.845125	-86.941106	56002.37	56239.4	10.62	56012.99	56013.55469	55960.34391	55992.35547	504321.0	5410240.9
L4320.1	504321.0	5410240.9	53548.69922	329.06	0	48.845125	-86.941106	56003.48	56239.4	10.62	56014.10	56014.60938	55957.05836	55988.75000	504321.0	5410240.9
L4320.1	504321.0	5410243.9	53548.69922	329.06	0	48.845151	-86.941106	56005.33	56239.4	10.62	56015.95	56016.40625	55967.30549	55998.67188	504321.0	5410243.9
L4320.1	504321.0	5410243.9	53548.80078	328.87	0	48.845151	-86.941106	56006.39	56239.4	10.62	56017.01	56017.41406	55962.54207	55993.57813	504321.0	5410243.9
L4320.1	504321.0	5410245.4	53549.00000	329.19	0	48.845165	-86.941106	56007.66	56239.4	10.62	56018.28	56018.63281	55961.42911	55992.13281	504321.0	5410245.4
L4320.1	504321.0	5410247.2	53549.10156	328.29	0	48.845181	-86.941106	56009.10	56239.4	10.62	56019.72	56020.02734	55963.24931	55993.61719	504321.0	5410247.2
L4320.1	504321.0	5410247.2	53549.19922	327.76	0	48.845181	-86.941106	56010.82	56239.4	10.62	56021.44	56021.70313	55970.10523	56000.13281	504321.0	5410247.2
L4320.1	504320.9	5410248.6	53549.30078	326.70	0	48.845194	-86.941107	56012.43	56239.4	10.61	56023.05	56023.26953	55974.65954	56004.33984	504320.9	5410248.6
L4320.1	504320.9	5410250.1	53549.39844	328.44	0	48.845207	-86.941107	56013.68	56239.4	10.61	56024.29	56024.46484	55971.97205	56001.30078	504320.9	5410250.1
L4320.1	504320.9	5410250.1	53549.50000	328.96	0	48.845207	-86.941107	56015.04	56239.4	10.61	56025.65	56025.78516	55971.30229	56000.27734	504320.9	5410250.1
L4320.1	504320.9	5410251.7	53549.60156	328.45	0	48.845221	-86.941107	56016.79	56239.4	10.61	56027.39	56027.48828	55977.61968	56006.23438	504320.9	5410251.7
L4320.1	504320.9	5410253.1	53549.69922	329.61	0	48.845234	-86.941107	56018.46	56239.4	10.61	56029.06	56029.12500	55982.38238	56010.63672	504320.9	5410253.1
L4320.1	504320.9	5410254.7	53549.80078	330.60	0	48.845248	-86.941108	56019.64	56239.4	10.60	56030.25	56030.28125	55977.73297	56005.62109	504320.9	5410254.7
L4320.1	504320.8	5410256.4	53549.89844	332.33	0	48.845263	-86.941108	56021.34	56239.4	10.60	56031.94	56031.94141	55982.41282	56009.92969	504320.8	5410256.4
L4320.1	504320.8	5410256.4	53550.00000	332.54	0	48.845263	-86.941108	56023.14	56239.4	10.60	56033.74	56033.71094	55988.99380	56016.13672	504320.8	5410256.4
L4320.1	504320.8	5410257.8	53550.10156	331.19	0	48.845276	-86.941109	56024.45	56239.4	10.60	56035.05	56034.99219	55985.91347	56012.67969	504320.8	5410257.8
L4320.1	504320.7	5410260.1	53550.19922	331.27	0	48.845297	-86.941110	56026.09	56239.4	10.60	56036.69	56036.60938	55988.98538	56015.37500	504320.7	5410260.1
L4320.1	504320.7	5410260.1	53550.30078	332.50	0	48.845297	-86.941110	56027.84	56239.4	10.60	56038.44	56038.33594	55994.00031	56020.00391	504320.7	5410260.1
L4320.1	504320.7	5410261.6	53550.39844	331.84	0	48.845310	-86.941110	56029.08	56239.4	10.60	56039.67	56039.54297	55988.70560	56014.32422	504320.7	5410261.6
L4320.1	504320.7	5410261.6	53550.50000	330.62	0	48.845310	-86.941110	56030.90	56239.4	10.60	56041.49	56041.34375	55994.71847	56019.94531	504320.7	5410261.6
L4320.1	504320.6	5410263.3	53550.60156	329.70	0	48.845326	-86.941111	56032.63	56239.4	10.59	56043.22	56043.05469	55998.81491	56023.65234	504320.6	5410263.3
L4320.1	504320.6	5410264.5	53550.69922	327.64	0	48.845337	-86.941111	56033.93	56239.4	10.59	56044.53	56044.34766	55994.53134	56018.97266	504320.6	5410264.5
L4320.1	504320.6	5410266.3	53550.69922	327.64	0	48.845353	-86.941112	56035.45	56239.4	10.59	56046.04	56045.84375	55994.01377	56018.05859	504320.6	5410266.3
L4320.1	504320.6	5410266.3	53550.80078	326.27	0	48.845353	-86.941112	56037.58	56239.4	10.59	56048.17	56047.96094	56005.49134	56029.13672	504320.6	5410266.3
L4320.1	504320.5	5410268.0	53551.00000	328.51	0	48.845368	-86.941112	56039.42	56239.4	10.59	56050.01	56049.79297	56011.13739	56034.37891	504320.5	5410268.0
L4320.1	504320.5	5410269.2	53551.10156	328.67	0	48.845379	-86.941113	56041.15	56239.4	10.59	56051.74	56051.51172	56014.47979	56037.31641	504320.5	5410269.2
L4320.1	504320.5	5410269.2	53551.19922	329.80	0	48.845379	-86.941113	56042.62	56239.4	10.59	56053.21	56052.97656	56012.61840	56035.05078	504320.5	5410269.2
L4320.1	504320.5	5410270.7	53551.30078	331.27	0	48.845392	-86.941113	56044.64	56239.4	10.59	56055.23	56054.98828	56021.29216	56043.31641	504320.5	5410270.7
L4320.1	504320.4	5410272.2	53551.39844	331.68	0	48.845406	-86.941113	56046.20	56239.4	10.59	56056.80	56056.55469	56021.09216	56042.70703	504320.4	5410272.2
L4320.1	504320.4	5410273.9	53551.50000	331.88	0	48.845422	-86.941114	56047.80	56239.4	10.59	56058.39	56058.14063	56021.15043	56042.35156	504320.4	5410273.9
L4320.1	504320.4	5410273.9	53551.60156	330.18	0	48.845422	-86.941114	56049.29	56239.4	10.60	56059.88	56059.63281	56019.17007	56039.95703	504320.4	5410273.9
L4320.1	504320.4	5410276.0	53551.69922	331.23	0	48.845440	-86.941114	56051.14	56239.4	10.60	56061.74	56061.49219	56024.13117	56044.50391	504320.4	5410276.0
L4320.1	504320.3	5410277.4	53551.80078	330.08	0	48.845453	-86.941115	56053.06	56239.4	10.60	56063.66	56063.41406	56030.06792	56050.02344	504320.3	5410277.4
L4320.1	504320.3	5410277.4	53551.89844	330.29	0	48.845453	-86.941115	56054.86	56239.4	10.60	56065.46	56065.21484	56033.57243	56053.10938	504320.3	5410277.4
L4320.1	504320.3	5410278.9	53552.00000	330.88	0	48.845466	-86.941115	56056.86	56239.4	10.60	56067.46	56067.22266	56040.70431	56059.82422	504320.3	5410278.9
L4320.1	504320.3	5410281.1	53552.10156	331.07	0	48.845486	-86.941115	56058.34	56239.4	10.60	56068.94	56068.70703	56037.91651	56056.61719	504320.3	5410281.1
L4320.1	504320.3	5410281.1	53552.19922	328.38	0	48.845486	-86.941115	56060.55	56239.4	10.60	56071.14	56070.91406	56048.52708	56066.80859	504320.3	5410281.1
L4320.1	504320.2	5410283.0	53552.30078	328.05	0	48.845504	-86.941116	56062.14	56239.4	10.59	56072.74	56072.52344	56047.77919	56065.64063	504320.2	5410283.0
L4320.1	504320.2	5410284.6	53552.39844	328.45	0	48.845517	-86.941116	56063.79	56239.4	10.59	56074.38	56074.17188	56047.69544	56065.13281	504320.2	5410284.6
L4320.1	504320.2	5410286.4	53552.50000	327.29	0	48.845534	-86.941116	56065.71	56239.4	10.59	56076.30	56076.10156	56052.73365	56069.75000	504320.2	5410286.4
L4320.1	504320.2	5410286.4	53552.60156	326.89	0	48.845534	-86.941116	56067.66	56239.4	10.59	56078.24	56078.05469	56058.04462	56074.63672	504320.2	5410286.4
L4320.1	504320.2	5410288.2	53552.69922	328.00	0	48.845549	-86.941117	56069.38	56239.4	10.59	56079.97	56079.79688	56059.38293	56075.55469	504320.2	5410288.2
L4320.1	504320.2	5410288.2	53552.80078	328.00	0	48.845549	-86.941117	56071.04	56239.4	10.58	56081.63	56081.46875	56059.36708	56075.11328	504320.2	5410288.2
L4320.1	504320.2	5410289.7	53552.80078	329.16	0	48.845563	-86.941117	56073.10	56239.4	10.58	56083.68	56083.53516	56066.46711	56081.78906	504320.2	5410289.7
L4320.1	504320.1	5410291.2	53553.00000	331.46	0	48.845577	-86.941117	56074.81	56239.4	10.58	56085.39	56085.25781	56067.25123	56082.15234	504320.1	5410291.2

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4320.1	504320.1	5410291.2	53553.10156	331.08	0	48.845577	-86.941117	56076.56	56239.4	10.58	56087.15	56087.03516	56068.90699	56083.38672	504320.1	5410291.2
L4320.1	504320.1	5410292.7	53553.19922	331.11	0	48.845590	-86.941117	56078.48	56239.4	10.58	56089.06	56088.96094	56073.25717	56087.31250	504320.1	5410292.7
L4320.1	504320.1	5410294.4	53553.30078	331.24	0	48.845605	-86.941118	56080.40	56239.4	10.59	56090.99	56090.91016	56077.92221	56091.55859	504320.1	5410294.4
L4320.1	504320.1	5410295.8	53553.39844	330.59	0	48.845618	-86.941118	56082.12	56239.4	10.59	56092.71	56092.64844	56078.73475	56091.94922	504320.1	5410295.8
L4320.1	504320.1	5410295.8	53553.50000	330.43	0	48.845618	-86.941118	56083.77	56239.4	10.59	56094.36	56094.31641	56078.26320	56091.05469	504320.1	5410295.8
L4320.1	504320.1	5410297.6	53553.60156	328.20	0	48.845635	-86.941118	56085.84	56239.4	10.59	56096.43	56096.40625	56085.35895	56097.73438	504320.1	5410297.6
L4320.1	504320.1	5410299.4	53553.69922	328.02	0	48.845651	-86.941118	56087.68	56239.4	10.59	56098.28	56098.27734	56088.45822	56100.41406	504320.1	5410299.4
L4320.1	504320.1	5410300.8	53553.80078	329.78	0	48.845664	-86.941118	56089.43	56239.4	10.60	56100.03	56100.05078	56089.75135	56101.28906	504320.1	5410300.8
L4320.1	504320.1	5410300.8	53553.89844	328.14	0	48.845664	-86.941118	56091.08	56239.4	10.60	56101.68	56101.71875	56089.25688	56100.37891	504320.1	5410300.8
L4320.1	504320.1	5410302.5	53554.00000	328.00	0	48.845679	-86.941118	56093.16	56239.4	10.60	56103.76	56103.82031	56096.45654	56107.16406	504320.1	5410302.5
L4320.1	504320.1	5410302.5	53554.10156	327.61	0	48.845679	-86.941118	56095.17	56239.4	10.60	56105.77	56105.85547	56102.39770	56112.69141	504320.1	5410302.5
L4320.1	504320.1	5410304.0	53554.19922	327.13	0	48.845692	-86.941118	56097.05	56239.4	10.60	56107.65	56107.75781	56106.02926	56115.91016	504320.1	5410304.0
L4320.1	504320.1	5410305.8	53554.30078	327.08	0	48.845708	-86.941118	56098.70	56239.4	10.60	56109.29	56109.41797	56105.41221	56114.88281	504320.1	5410305.8
L4320.1	504320.1	5410307.5	53554.39844	324.93	0	48.845723	-86.941118	56100.52	56239.4	10.60	56111.12	56111.26953	56108.20540	56117.26563	504320.1	5410307.5
L4320.1	504320.1	5410307.5	53554.50000	325.26	0	48.845723	-86.941118	56102.71	56239.4	10.60	56113.31	56113.48438	56117.43505	56126.08984	504320.1	5410307.5
L4320.1	504320.1	5410309.3	53554.60156	325.44	0	48.845739	-86.941118	56103.97	56239.4	10.60	56114.57	56114.76563	56110.16709	56118.41797	504320.1	5410309.3
L4320.1	504320.1	5410310.8	53554.69922	326.31	0	48.845753	-86.941117	56106.08	56239.4	10.60	56116.68	56116.90234	56118.07257	56125.92188	504320.1	5410310.8
L4320.1	504320.1	5410312.5	53554.80078	326.31	0	48.845769	-86.941117	56107.79	56239.4	10.60	56118.39	56118.63281	56118.91178	56126.35938	504320.1	5410312.5
L4320.1	504320.1	5410312.5	53554.80078	326.37	0	48.845769	-86.941117	56109.62	56239.4	10.60	56120.22	56120.48828	56121.95577	56129.00391	504320.1	5410312.5
L4320.1	504320.1	5410314.9	53555.00000	327.34	0	48.845790	-86.941117	56111.29	56239.4	10.60	56121.89	56122.17969	56122.20019	56128.85156	504320.1	5410314.9
L4320.1	504320.1	5410314.9	53555.10156	328.16	0	48.845790	-86.941117	56113.19	56239.4	10.60	56123.79	56124.10547	56126.65409	56132.91406	504320.1	5410314.9
L4320.1	504320.1	5410316.2	53555.19922	327.92	0	48.845802	-86.941117	56115.31	56239.4	10.60	56125.90	56126.23828	56135.01459	56140.88281	504320.1	5410316.2
L4320.1	504320.1	5410317.7	53555.30078	328.05	0	48.845815	-86.941117	56116.83	56239.4	10.60	56127.43	56127.78906	56132.96438	56138.44531	504320.1	5410317.7
L4320.1	504320.1	5410319.2	53555.39844	328.96	0	48.845828	-86.941117	56118.86	56239.4	10.60	56129.46	56129.84375	56140.11631	56145.21094	504320.1	5410319.2
L4320.1	504320.1	5410319.2	53555.50000	330.57	0	48.845828	-86.941117	56120.63	56239.4	10.60	56131.22	56131.62500	56142.45321	56147.16406	504320.1	5410319.2
L4320.1	504320.1	5410320.6	53555.60156	330.67	0	48.845842	-86.941117	56122.36	56239.4	10.60	56132.96	56133.38672	56144.52585	56148.85547	504320.1	5410320.6
L4320.1	504320.1	5410322.2	53555.69922	330.19	0	48.845856	-86.941117	56124.03	56239.4	10.60	56134.63	56135.08203	56145.40433	56149.35938	504320.1	5410322.2
L4320.1	504320.1	5410322.2	53555.80078	331.17	0	48.845856	-86.941117	56126.49	56239.4	10.60	56137.09	56137.56250	56161.12230	56164.70313	504320.1	5410322.2
L4320.1	504320.2	5410324.1	53555.89844	330.78	0	48.845873	-86.941116	56127.83	56239.4	10.60	56138.43	56138.92188	56156.08002	56159.28906	504320.2	5410324.1
L4320.1	504320.2	5410326.0	53556.00000	329.77	0	48.845890	-86.941116	56129.76	56239.4	10.60	56140.36	56140.87500	56162.18714	56165.02734	504320.2	5410326.0
L4320.1	504320.2	5410327.6	53556.10156	330.16	0	48.845904	-86.941116	56131.09	56239.4	10.60	56141.69	56142.22656	56157.12701	56159.60547	504320.2	5410327.6
L4320.1	504320.2	5410327.6	53556.19922	329.54	0	48.845904	-86.941116	56132.64	56239.4	10.60	56143.24	56143.79688	56156.30909	56158.42578	504320.2	5410327.6
L4320.1	504320.2	5410329.1	53556.30078	328.45	0	48.845918	-86.941116	56134.36	56239.4	10.60	56144.96	56145.53516	56158.81997	56160.57813	504320.2	5410329.1
L4320.1	504320.2	5410330.5	53556.39844	329.92	0	48.845931	-86.941116	56136.30	56239.4	10.60	56146.90	56147.49609	56165.61585	56167.01953	504320.2	5410330.5
L4320.1	504320.2	5410330.5	53556.50000	330.15	0	48.845931	-86.941116	56138.06	56239.4	10.61	56148.66	56149.27344	56169.14333	56170.19922	504320.2	5410330.5
L4320.1	504320.2	5410332.3	53556.60156	330.41	0	48.845946	-86.941115	56139.41	56239.4	10.61	56150.02	56150.65234	56165.26417	56165.97266	504320.2	5410332.3
L4320.1	504320.3	5410334.0	53556.69922	329.71	0	48.845962	-86.941115	56141.54	56239.4	10.61	56152.14	56152.78906	56175.84693	56176.21094	504320.3	5410334.0
L4320.1	504320.3	5410335.5	53556.80078	329.71	0	48.845975	-86.941115	56142.70	56239.4	10.61	56153.31	56153.97656	56168.70377	56168.73047	504320.3	5410335.5
L4320.1	504320.3	5410335.5	53556.80078	329.94	0	48.845975	-86.941115	56144.48	56239.4	10.61	56155.08	56155.76172	56172.99529	56172.68750	504320.3	5410335.5
L4320.1	504320.3	5410337.2	53557.00000	328.65	0	48.845991	-86.941114	56146.22	56239.4	10.61	56156.83	56157.52734	56177.06123	56176.42188	504320.3	5410337.2
L4320.1	504320.3	5410338.9	53557.10156	330.79	0	48.846006	-86.941114	56148.06	56239.4	10.61	56158.67	56159.38281	56182.96026	56181.99219	504320.3	5410338.9
L4320.1	504320.4	5410340.1	53557.19922	328.92	0	48.846017	-86.941114	56149.41	56239.4	10.61	56160.02	56160.75000	56179.89473	56178.60156	504320.4	5410340.1
L4320.1	504320.4	5410340.1	53557.30078	329.02	0	48.846017	-86.941114	56151.40	56239.4	10.61	56162.01	56162.75391	56188.90995	56187.29688	504320.4	5410340.1
L4320.1	504320.4	5410342.0	53557.39844	328.68	0	48.846034	-86.941113	56152.96	56239.4	10.61	56163.57	56164.32422	56190.10861	56188.17969	504320.4	5410342.0
L4320.1	504320.4	5410343.9	53557.50000	328.04	0	48.846051	-86.941113	56154.36	56239.4	10.61	56164.97	56165.73828	56188.53018	56186.29297	504320.4	5410343.9
L4320.1	504320.4	5410343.9	53557.60156	328.69	0	48.846051	-86.941113	56156.31	56239.4	10.61	56166.92	56167.69922	56197.32123	56194.77734	504320.4	5410343.9
L4320.1	504320.4	5410345.6	53557.69922	327.83	0	48.846067	-86.941113	56157.66	56239.4	10.61	56168.27	56169.06250	56195.19448	56192.34766	504320.4	5410345.6
L4320.1	504320.4	5410347.7	53557.80078	329.26	0	48.846085	-86.941113	56159.47	56239.4	10.61	56170.08	56170.88281	56201.76035	56198.61328	504320.4	5410347.7
L4320.1	504320.4	5410347.7	53557.89844	328.13	0	48.846085	-86.941113	56160.89	56239.4	10.61	56171.50	56172.31250	56201.30515	56197.86328	504320.4	5410347.7
L4320.1	504320.4	5410349.7	53558.00000	326.96	0	48.846103	-86.941113	56162.51	56239.4	10.61	56173.12	56173.94141	56204.73232	56201.00000	504320.4	5410349.7
L4320.1	504320.4	5410349.7	53558.10156	326.97	0	48.846103	-86.941113	56164.03	56239.4	10.61	56174.64	56175.46875	56206.49863	56202.48047	504320.4	5410349.7
L4320.1	504320.4	5410351.3	53558.19922	327.06	0	48.846118	-86.941113	56165.77	56239.4	10.61	56176.39	56177.22656	56212.69237	56208.39453	504320.4	5410351.3
L4320.1	504320.4	5410353.1	53558.30078	328.03	0	48.846134	-86.941112	56166.99	56239.4	10.62	56177.60	56178.44141	56209.10940	56204.53516	504320.4	5410353.1
L4320.1	504320.4	5410354.8	53558.39844	328.51	0	48.846149	-86.941112	56168.35	56239.4	10.62	56178.97	56179.81641	56208.66447	56203.81641	504320.4	5410354.8
L4320.1	504320.4	5410354.8	53558.50000	329.51	0	48.846149	-86.941112	56169.54	56239.4	10.62	56180.16	56181.01172	56205.09789	56199.98047	504320.4	5410354.8
L4320.1	504320.4	5410356.5	53558.60156	329.70	0	48.846165	-86.941112	56171.39	56239.4	10.62	56182.01	56182.86719	56213.84112	56208.46094	504320.4	5410356.5
L4320.1	504320.4	5410356.5	53558.69922	329.51	0	48.846165	-86.941112	56172.45	56239.4	10.62	56183.08	56183.94141	56208.45867	56202.82031	504320.4	5410356.5
L4320.1	504320.5	5410358.3	53558.80078	329.51	0	48.846180	-86.941112	56174.07	56239.4	10.63	56184.69	56185.55469	56213.15254	56207.25781	504320.5	5410358.3
L4320.1	504320.5	5410359.8	53558.80078	330.43	0	48.846194	-86.941112	56175.72	56239.4	10.63	56186.34	56187.20313	56218.73938	56212.59375	504320.5	5410359.8
L4320.1	504320.5	5410361.5	53559.00000	329.71	0	48.846210	-86.941112	56176.88	56239.4	10.63	56187.50	56188.36719	56215.59730	56209.20703	504320.5	5410361.5
L4320.1	504320.5	5410363.3	53559.10156	328.84	0	48.846225	-86.941112	56177.94	56239.4	10.63	56188.57	56189.43750	56211.04876	56204.41797	504320.5	5410363.3
L4320.1	504320.5	5410363.3	53559.19922	328.45	0	48.846225	-86.941112	56179.73	56239.4	10.63	56190.37	56191.23438	56219.86489	56212.99609	504320.5	5410363.3
L4320.1	504320.5	5410365.3	53559.30078	327.55	0	48.846244	-86.941112	56180.79	56239.4	10.63	56191.42	56192.28516	56215.37291	56208.27344	504320.5	5410365.3
L4320.1	504320.5	5410365.3	53559.39844	326.03	0	48.846244	-86.941112	56182.40	56239.4	10.63	56193.03	56193.89453	56221.10122	56213.77344	504320.5	5410365.3
L4320.1	504320.5	5410366.7	53559.50000	325.30	0	48.846256	-86.941112	56183.68	56239.4	10.63	56194.31	56195.17188	56221.12648	56213.57422	504320.5	5410366.7
L4320.1	504320.5	5410368.5	53559.60156	326.10	0	48.846272	-86.941111	56185.11	56239.4	10.64	56195.74	56196.59766	56220.34235	56212.57422	504320.5	5410368.5
L4320.1	504320.5	5410368.5	53559.69922	325.10	0	48.846272	-86.941111	56186.56	56239.4	10.64	56197.20	56198.05469	56224.90640	56216.92188	504320.5	5410368.5
L4320.1	504320.5	5410370.3	53559.80078	327.73	0	48.846289	-86.941111	56187.79	56239.4	10.64	56198.42	56199.26953	56223.70571	56215.51172	504320.5	5410370.3
L4320.1	504320.5	5410370.3	53559.89844	325.22	0	48.846289	-86.941111	56189.39	56239.4	10.64	56200.03	56200.87500	56232.54569	56224.14844	504320.5	5410370.3
L4320.1	504320.5	5410372.3	53560.00000	325.71	0	48.846307	-86.941111	56190.72	56239.4	10.64	56201.36	56202.19531	56234.65206	56226.05469	504320.5	5410372.3
L4320.1	504320.5	5410374.4	53560.10156	325.73	0	48.846325	-86.941111	56191.92	56239.4	10.64	56202.56	56203.39063	56233.82518	56225.03125	504320.5	5410374.4
L4320.1	504320.5	5410375.9	53560.19922	325.77	0	48.846339	-86.941111	56193.25	56239.4	10.64	56203.89	56204.71484	56236.51639	56227.53125	504320.5	5410375.9
L4320.1	504320.5	5410375.9	53560.30078	326.20	0	48.846339	-86.941111	56194.33	56239.4	10.64	56204.97	56205.78516	56233.33651	56224.16406	504320.5	5410375.9
L4320.1	504320.5	5410377.2	53560.39844	325.26	0	48.846351	-86.941111	56195.56	56239.4	10.64	56206.21	56207.01563	56234.40623	56225.05078	504320.5	5410377.2
L4320.1	504320.5	5410377.2	53560.50000	325.10	0	48.846351	-86.941111	56196.81	56239.4	10.65	56207.45	56208.24609	56235.77263	56226.24219	504320.5	5410377.2
L4320.1	504320.5	5410379.2	53560.60156	324.72	0	48.846369	-86.941111	56198.06	56239.4	10.65	56208.70	56209.48828	56237.68198	56227.97656	504320.5	5410379.2
L4320.1	504320.5	5410380.7	53560.69922	326.24	0	48.846382	-86.941111	56199.07	56239.4	10.65	56209.71	56210.48828	56233.97262	56224.10156	504320.5	5410380.7
L4320.1	504320.5	5410382.3	53560.69922	326.24	0	48.846396	-86.941111	56200.29	56239.4	10.65	56210.93	56211.69531	56235.71952	56225.68359	504320.5	5410382.3
L4320.1	504320.5	5410382.3	53560.80078	326.62	0	48.846396	-86.941111	56201.72	56239.4	10.65	56212.37	56213.12500	56243.19423	56232.99609	504320.5	5410382.3
L4320.1	504320.5	5410384.2	53561.00000	329.42	0	48.846413	-86.941111	56202.98	56239.3	10.65	56213.63	56214.37109	56246.52044	56236.16797	504320.5	5410384.2
L4320.1	504320.5	5410385.4	53561.10156	328.94	0	48.846424	-86.941111	56204.15	56239.3	10.65	56214.80	56215.53125	56247.90268	56237.39844	504320.5	5410385.4
L4320.1	504320.5	5410387.2	53561.19922	328.48	0	48.846441	-86.941111	56205.23	56239.3	10.65	56215.88	56216.59766	56247.32184	56236.67188	504320.5	5410387.2
L4320.1	504320.5	5410387.2	53561.30078	328.59	0	48.846441	-86.941111	56206.30	56239.3	10.66	56216.95	56217.65234	56246.75733	56235.96484	504320.5	5410387.2
L4320.1	504320.5	5410388.6	53561.39844	327.88	0	48.846453	-86.941111	56207.58	56239.3	10.66	56218.24	56218.92969	56251.97311	56241.04297	504320.5	5410388.6
L4320.1	504320.5	5410390.1	53561.50000	327.10	0	48.846467	-86.941111	56208.77	56239.3	10.66	56219.43	56220.10547	56254.96846	56243.90234	504320.5	5410390.1
L4320.1	504320.5	5410392.2	53561.60156	327.70	0	48.846485	-86.941111	56209.51	56239.3	10.66	56220.17	56220.83203	56246.90079	56235.70703	504320.5	5410392.2
L4320.1	504320.5	5410392.2	53561.69922	328.39	0	48.846485	-86.941111	56210.72	56239.3	10.66	56221.38	56222.02734	56250.93470	56239.61719	504320.5	5410392.2
L4320.1	504320.5	5410393.4	53561.80078	327.63	0	48.846496	-86.941111	56211.89	56239.3	10.67	56222.55	56223.17969	56254.24071	56242.80078	504320.5	5410393.4
L4320.1	504320.5	5410395.4	53561.89844	327.66	0	48.846514	-86.941111	56213.14	56239.3	10.67	56223.81	56224.42578	56260.11074	56248.55469	504320.5	5410395.4
L4320.1	504320.5	5410395.4	53562.00000	328.30	0	48.846514	-86.941111	56214.14	56239.3	10.67	56224.81	56225.41016	56259.66178	56247.99219	504320.5	5410395.4
L4320.1	504320.5	5410397.2	53562.10156	328.74	0	48.846530	-86.941111	56215.10	56239.3	10.67	56225.77	56226.35547	56261.55194	56249.77344	504320.5	5410397.2
L4320.1	504320.5	5410399.2	53562.19922	328.02	0	48.846548	-86.941111	56216.16	56239.3	10.68	56226.83	56227.39844	56263.08004	56251.19922	504320.5	5410399.2
L4320.1	504320.5	5410399.2	53562.30078	327.42	0	48.846548	-86.941111	56217.35	56239.3	10.68	56228.03	56228.58203	56267.28365	56255.30078	504320.5	5410399.2

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4320.1	504320.5	5410401.5	53562.39844	327.10	0	48.846569	-86.941111	56218.39	56239.3	10.68	56229.07	56229.60156	56268.83105	56256.75391	504320.5	5410401.5
L4320.1	504320.5	5410401.5	53562.50000	325.77	0	48.846569	-86.941111	56219.37	56239.3	10.68	56230.05	56230.56641	56269.49680	56257.32422	504320.5	5410401.5
L4320.1	504320.5	5410402.7	53562.60156	325.55	0	48.846580	-86.941111	56220.28	56239.3	10.69	56230.97	56231.46875	56269.27889	56257.01953	504320.5	5410402.7
L4320.1	504320.5	5410404.3	53562.69922	327.25	0	48.846594	-86.941111	56221.57	56239.3	10.69	56232.26	56232.74219	56275.87180	56263.52734	504320.5	5410404.3
L4320.1	504320.5	5410405.8	53562.69922	327.25	0	48.846608	-86.941110	56222.32	56239.3	10.69	56233.01	56233.47266	56272.99357	56260.57031	504320.5	5410405.8
L4320.1	504320.5	5410405.8	53562.80078	327.59	0	48.846608	-86.941110	56223.32	56239.3	10.69	56234.01	56234.45703	56274.78825	56262.28906	504320.5	5410405.8
L4320.1	504320.5	5410407.0	53563.00000	328.14	0	48.846618	-86.941110	56224.09	56239.3	10.70	56234.79	56235.21875	56272.81832	56260.24609	504320.5	5410407.0
L4320.1	504320.5	5410408.2	53563.10156	328.94	0	48.846629	-86.941110	56225.19	56239.3	10.70	56235.89	56236.30078	56276.81171	56264.17188	504320.5	5410408.2
L4320.1	504320.6	5410409.5	53563.19922	328.31	0	48.846641	-86.941110	56226.03	56239.3	10.71	56236.74	56237.13281	56276.48543	56263.77734	504320.6	5410409.5
L4320.1	504320.6	5410411.0	53563.30078	328.44	0	48.846655	-86.941110	56226.79	56239.3	10.71	56237.50	56237.87500	56274.70634	56261.93750	504320.6	5410411.0
L4320.1	504320.6	5410412.8	53563.39844	326.96	0	48.846671	-86.941110	56227.62	56239.3	10.72	56238.33	56238.68750	56274.37631	56261.55078	504320.6	5410412.8
L4320.1	504320.6	5410412.8	53563.50000	327.01	0	48.846671	-86.941110	56228.25	56239.3	10.72	56238.97	56239.30859	56270.74281	56257.85938	504320.6	5410412.8
L4320.1	504320.6	5410414.3	53563.60156	327.32	0	48.846684	-86.941110	56229.46	56239.3	10.72	56240.19	56240.51172	56277.92893	56264.99609	504320.6	5410414.3
L4320.1	504320.6	5410416.0	53563.69922	326.49	0	48.846700	-86.941109	56230.11	56239.3	10.73	56240.83	56241.13281	56274.63551	56261.65625	504320.6	5410416.0
L4320.1	504320.6	5410416.0	53563.80078	327.51	0	48.846700	-86.941109	56231.54	56239.3	10.73	56242.27	56242.55469	56286.31526	56273.29297	504320.6	5410416.0
L4320.1	504320.6	5410418.0	53563.89844	328.91	0	48.846718	-86.941109	56232.36	56239.3	10.74	56243.10	56243.36719	56286.90531	56273.83984	504320.6	5410418.0
L4320.1	504320.7	5410419.5	53564.00000	330.64	0	48.846731	-86.941108	56233.04	56239.3	10.74	56243.78	56244.03125	56284.86675	56271.76563	504320.7	5410419.5
L4320.1	504320.7	5410419.5	53564.10156	330.47	0	48.846731	-86.941108	56233.99	56239.3	10.74	56244.73	56244.96094	56288.03253	56274.89844	504320.7	5410419.5
L4320.1	504320.7	5410420.9	53564.19922	331.41	0	48.846743	-86.941108	56234.83	56239.3	10.74	56245.57	56245.78516	56289.31575	56276.15234	504320.7	5410420.9
L4320.1	504320.7	5410423.2	53564.30078	330.46	0	48.846764	-86.941108	56235.56	56239.3	10.74	56246.30	56246.50000	56288.69873	56275.50781	504320.7	5410423.2
L4320.1	504320.8	5410424.7	53564.39844	330.06	0	48.846777	-86.941107	56236.31	56239.3	10.74	56247.05	56247.23047	56288.61803	56275.40234	504320.8	5410424.7
L4320.1	504320.8	5410424.7	53564.50000	330.42	0	48.846777	-86.941107	56237.23	56239.3	10.74	56247.97	56248.13281	56291.90906	56278.67188	504320.8	5410424.7
L4320.1	504320.8	5410426.4	53564.60156	330.43	0	48.846793	-86.941107	56237.94	56239.3	10.75	56248.69	56248.83594	56291.58874	56278.33594	504320.8	5410426.4
L4320.1	504320.8	5410427.9	53564.69922	329.87	0	48.846807	-86.941106	56238.59	56239.3	10.75	56249.33	56249.46094	56289.91400	56276.64453	504320.8	5410427.9
L4320.1	504320.8	5410427.9	53564.69922	329.87	0	48.846807	-86.941106	56239.18	56239.3	10.75	56249.92	56250.03516	56287.45090	56274.16797	504320.8	5410427.9
L4320.1	504320.8	5410429.4	53564.80078	329.53	0	48.846820	-86.941106	56240.04	56239.3	10.75	56250.79	56250.89063	56290.45319	56277.16406	504320.8	5410429.4
L4320.1	504320.9	5410431.2	53565.00000	328.64	0	48.846836	-86.941106	56240.83	56239.3	10.75	56251.58	56251.66406	56292.10219	56278.80469	504320.9	5410431.2
L4320.1	504320.9	5410433.0	53565.10156	330.13	0	48.846852	-86.941106	56241.28	56239.2	10.75	56252.04	56252.10938	56287.66302	56274.36328	504320.9	5410433.0
L4320.1	504320.9	5410433.0	53565.19922	329.88	0	48.846852	-86.941106	56242.31	56239.2	10.76	56253.07	56253.12500	56294.17984	56280.88281	504320.9	5410433.0
L4320.1	504320.9	5410435.3	53565.30078	329.64	0	48.846873	-86.941106	56242.95	56239.2	10.76	56253.71	56253.75000	56293.47582	56280.17969	504320.9	5410435.3
L4320.1	504320.9	5410435.3	53565.39844	329.03	0	48.846873	-86.941106	56243.51	56239.2	10.77	56254.27	56254.29297	56291.42738	56278.13672	504320.9	5410435.3
L4320.1	504320.9	5410437.4	53565.50000	328.26	0	48.846892	-86.941106	56244.23	56239.2	10.77	56255.00	56255.00781	56292.75621	56279.47266	504320.9	5410437.4
L4320.1	504320.9	5410438.5	53565.60156	329.25	0	48.846902	-86.941106	56245.04	56239.2	10.77	56255.82	56255.81641	56295.94281	56282.67188	504320.9	5410438.5
L4320.1	504320.9	5410440.3	53565.69922	329.49	0	48.846918	-86.941106	56245.49	56239.2	10.78	56256.27	56256.25391	56292.33042	56279.07031	504320.9	5410440.3
L4320.1	504320.9	5410440.3	53565.80078	329.64	0	48.846918	-86.941106	56246.42	56239.2	10.78	56257.20	56257.16797	56297.90879	56284.66406	504320.9	5410440.3
L4320.1	504320.9	5410442.0	53565.89844	329.14	0	48.846933	-86.941106	56247.11	56239.2	10.79	56257.89	56257.84766	56299.14158	56285.91406	504320.9	5410442.0
L4320.1	504320.8	5410443.2	53566.00000	327.56	0	48.846945	-86.941106	56247.54	56239.2	10.79	56258.33	56258.27344	56295.86315	56282.65625	504320.8	5410443.2
L4320.1	504320.8	5410443.2	53566.10156	329.47	0	48.846945	-86.941106	56248.27	56239.2	10.79	56259.07	56259.00000	56298.37310	56285.19141	504320.8	5410443.2
L4320.1	504320.8	5410445.0	53566.19922	329.73	0	48.846961	-86.941106	56248.72	56239.2	10.80	56259.52	56259.44141	56295.63253	56282.47656	504320.8	5410445.0
L4320.1	504320.8	5410446.7	53566.30078	328.99	0	48.846976	-86.941106	56249.50	56239.2	10.80	56260.30	56260.20703	56299.22402	56286.09375	504320.8	5410446.7
L4320.1	504320.8	5410447.9	53566.39844	330.67	0	48.846987	-86.941106	56250.09	56239.2	10.80	56260.89	56260.78906	56299.43470	56286.33594	504320.8	5410447.9
L4320.1	504320.8	5410449.4	53566.50000	329.17	0	48.847000	-86.941106	56250.78	56239.2	10.81	56261.59	56261.47656	56301.86059	56288.79297	504320.8	5410449.4
L4320.1	504320.8	5410449.4	53566.60156	326.65	0	48.847000	-86.941106	56251.29	56239.2	10.81	56262.10	56261.97656	56300.90844	56287.87500	504320.8	5410449.4
L4320.1	504320.8	5410451.4	53566.69922	326.58	0	48.847018	-86.941107	56251.80	56239.2	10.81	56262.61	56262.47656	56300.11849	56287.12500	504320.8	5410451.4
L4320.1	504320.8	5410452.9	53566.69922	326.58	0	48.847032	-86.941107	56252.52	56239.2	10.81	56263.33	56263.18750	56303.39952	56290.44141	504320.8	5410452.9
L4320.1	504320.8	5410452.9	53566.80078	328.06	0	48.847032	-86.941107	56253.23	56239.2	10.81	56264.04	56263.88672	56306.65339	56293.73438	504320.8	5410452.9
L4320.1	504320.8	5410454.7	53567.00000	328.83	0	48.847047	-86.941107	56253.74	56239.2	10.82	56264.56	56264.39844	56306.52781	56293.65234	504320.8	5410454.7
L4320.1	504320.8	5410456.4	53567.10156	330.15	0	48.847063	-86.941107	56253.87	56239.2	10.82	56264.69	56264.52344	56299.29599	56286.46484	504320.8	5410456.4
L4320.1	504320.8	5410456.4	53567.19922	329.40	0	48.847063	-86.941107	56254.61	56239.2	10.82	56265.43	56265.25391	56303.58025	56290.79688	504320.8	5410456.4
L4320.1	504320.8	5410458.5	53567.30078	329.59	0	48.847082	-86.941107	56255.09	56239.2	10.83	56265.92	56265.73828	56303.35832	56290.62500	504320.8	5410458.5
L4320.1	504320.8	5410460.1	53567.39844	328.20	0	48.847096	-86.941107	56256.07	56239.2	10.83	56266.89	56266.69922	56312.23469	56299.55078	504320.8	5410460.1
L4320.1	504320.8	5410460.1	53567.50000	327.71	0	48.847096	-86.941107	56256.36	56239.2	10.83	56267.19	56266.99219	56308.76271	56296.12891	504320.8	5410460.1
L4320.1	504320.8	5410461.9	53567.60156	328.83	0	48.847112	-86.941107	56256.83	56239.2	10.83	56267.66	56267.45703	56308.59979	56296.01953	504320.8	5410461.9
L4320.1	504320.8	5410463.4	53567.69922	329.48	0	48.847126	-86.941107	56257.46	56239.2	10.83	56268.30	56268.08984	56311.74554	56299.22266	504320.8	5410463.4
L4320.1	504320.7	5410464.9	53567.80078	329.17	0	48.847139	-86.941107	56257.57	56239.2	10.84	56268.40	56268.18750	56304.94892	56292.48047	504320.7	5410464.9
L4320.1	504320.7	5410464.9	53567.89844	329.55	0	48.847139	-86.941107	56258.04	56239.2	10.84	56268.88	56268.66016	56305.37533	56292.96875	504320.7	5410464.9
L4320.1	504320.7	5410466.1	53568.00000	329.60	0	48.847150	-86.941107	56258.59	56239.2	10.84	56269.43	56269.20703	56307.23560	56294.88672	504320.7	5410466.1
L4320.1	504320.7	5410466.1	53568.10156	330.39	0	48.847150	-86.941107	56259.18	56239.2	10.84	56270.02	56269.79297	56309.96402	56297.67969	504320.7	5410466.1
L4320.1	504320.8	5410467.9	53568.19922	328.76	0	48.847166	-86.941107	56259.25	56239.2	10.84	56270.09	56269.85938	56303.13812	56290.91406	504320.8	5410467.9
L4320.1	504320.8	5410469.5	53568.30078	327.95	0	48.847181	-86.941107	56259.77	56239.2	10.85	56270.61	56270.37500	56304.81229	56292.65234	504320.8	5410469.5
L4320.1	504320.8	5410471.1	53568.39844	329.89	0	48.847195	-86.941107	56260.53	56239.2	10.85	56271.38	56271.14063	56311.23746	56299.14453	504320.8	5410471.1
L4320.1	504320.8	5410473.0	53568.50000	330.03	0	48.847212	-86.941106	56261.02	56239.2	10.85	56271.87	56271.62891	56312.58027	56300.55469	504320.8	5410473.0
L4320.1	504320.8	5410473.0	53568.60156	330.75	0	48.847212	-86.941106	56261.37	56239.1	10.85	56272.22	56271.97656	56311.45665	56299.50000	504320.8	5410473.0
L4320.1	504320.8	5410474.7	53568.69922	330.12	0	48.847228	-86.941106	56261.94	56239.1	10.85	56272.79	56272.54688	56314.51051	56302.62500	504320.8	5410474.7
L4320.1	504320.8	5410474.7	53568.80078	330.12	0	48.847228	-86.941106	56262.02	56239.1	10.86	56272.87	56272.62500	56308.67951	56296.86719	504320.8	5410474.7
L4320.1	504320.8	5410476.8	53568.80078	328.12	0	48.847246	-86.941106	56262.48	56239.1	10.86	56273.34	56273.09375	56310.14438	56298.40234	504320.8	5410476.8
L4320.1	504320.8	5410478.8	53569.00000	328.95	0	48.847264	-86.941106	56262.86	56239.1	10.86	56273.72	56273.47266	56310.08526	56298.41797	504320.8	5410478.8
L4320.1	504320.8	5410478.8	53569.10156	328.62	0	48.847264	-86.941106	56263.03	56239.1	10.86	56273.89	56273.64063	56306.32770	56294.73438	504320.8	5410478.8
L4320.1	504320.8	5410480.3	53569.19922	326.27	0	48.847278	-86.941105	56263.86	56239.1	10.87	56274.72	56274.47266	56314.71601	56303.19922	504320.8	5410480.3
L4320.1	504320.8	5410481.5	53569.30078	326.67	0	48.847289	-86.941105	56263.87	56239.1	10.87	56274.74	56274.49219	56308.49899	56297.05859	504320.8	5410481.5
L4320.1	504320.8	5410483.4	53569.39844	327.51	0	48.847305	-86.941105	56264.36	56239.1	10.87	56275.24	56274.99219	56311.13176	56299.76953	504320.8	5410483.4
L4320.1	504320.8	5410485.1	53569.50000	326.29	0	48.847321	-86.941105	56264.73	56239.1	10.88	56275.61	56275.36328	56311.53355	56300.25000	504320.8	5410485.1
L4320.1	504320.8	5410485.1	53569.60156	327.16	0	48.847321	-86.941105	56264.95	56239.1	10.88	56275.82	56275.57422	56309.16782	56297.96484	504320.8	5410485.1
L4320.1	504320.8	5410486.9	53569.69922	326.75	0	48.847338	-86.941106	56265.61	56239.1	10.88	56276.49	56276.24609	56315.26156	56304.14063	504320.8	5410486.9
L4320.1	504320.8	5410488.2	53569.80078	327.67	0	48.847349	-86.941106	56265.84	56239.1	10.88	56276.72	56276.47656	56313.51914	56302.48047	504320.8	5410488.2
L4320.1	504320.8	5410488.2	53569.80078	327.67	0	48.847349	-86.941106	56265.86	56239.1	10.88	56276.75	56276.50781	56308.27354	56297.31641	504320.8	5410488.2
L4320.1	504320.8	5410489.9	53570.00000	327.54	0	48.847364	-86.941106	56266.42	56239.1	10.89	56277.31	56277.07031	56312.77488	56301.90234	504320.8	5410489.9
L4320.1	504320.8	5410491.4	53570.10156	327.54	0	48.847378	-86.941106	56266.52	56239.1	10.89	56277.41	56277.17188	56309.03588	56298.24609	504320.8	5410491.4
L4320.1	504320.8	5410491.4	53570.19922	329.39	0	48.847378	-86.941106	56267.04	56239.1	10.89	56277.93	56277.69531	56313.08438	56302.37891	504320.8	5410491.4
L4320.1	504320.8	5410493.8	53570.30078	328.43	0	48.847399	-86.941106	56267.52	56239.1	10.89	56278.41	56278.17969	56316.54732	56305.92578	504320.8	5410493.8
L4320.1	504320.8	5410495.7	53570.39844	328.98	0	48.847416	-86.941106	56267.56	56239.1	10.89	56278.45	56278.22266	56312.02836	56301.49609	504320.8	5410495.7
L4320.1	504320.8	5410495.7	53570.50000	328.83	0	48.847416	-86.941106	56267.96	56239.1	10.89	56278.85	56278.62500	56314.25133	56303.80469	504320.8	5410495.7
L4320.1	504320.8	5410497.2	53570.60156	328.86	0	48.847430	-86.941105	56267.80	56239.1	10.89	56278.69	56278.46875	56306.14822	56295.78906	504320.8	5410497.2
L4320.1	504320.8	5410498.9	53570.69922	329.35	0	48.847446	-86.941105	56268.46	56239.1	10.89	56279.35	56279.13281	56313.42519	56303.15234	504320.8	5410498.9
L4320.1	504320.8	5410498.9	53570.80078	329.35	0	48.847446	-86.941105	56268.67	56239.1	10.89	56279.56	56279.34766	56312.38305	56302.19922	504320.8	5410498.9
L4320.1	504320.9	5410500.9	53570.80078	329.75	0	48.847463	-86.941105	56268.70	56239.1	10.89	56279.59	56279.38281	56308.00436	56297.91016	504320.9	5410500.9
L4320.1	504320.9	5410502.7	53571.00000	329.78	0	48.847480	-86.941105	56269.39	56239.1	10.89	56280.28	56280.07813	56316.20999	56306.20313	504320.9	5410502.7
L4320.1	504320.9	5410502.7	53571.10156	330.38	0	48.847480	-86.941105	56269.31	56239.1	10.89	56280.20	56280.00000	56309.85496	56299.93750	504320.9	5410502.7
L4320.1	504320.9	5410504.4	53571.19922	330.71	0	48.847495	-86.941105	56269.84	56239.1	10.89	56280.74	56280.54688	56315.39467	56305.56641	504320.9	5410504.4
L4320.1	504320.9	5410505.9	53571.30078	330.84	0	48.847508	-86.941104	56269.98	56239.1	10.90	56280.87	56280.67969	56313.15586	56303.41797	504320.9	5410505.9
L4320.1	504320.9	5410505.9	53571.39844	331.90	0	48.847508	-86.941104	56270.32	56239.1	10.90	56281.22	56281.03516	56315.20144	56305.55469	504320.9	5410505.9
L4320.1	504320.9	5410507.6	53571.50000	331.98	0	48.847524	-86.941104	56270.52	56239.1	10.90	56281.42	56281.24219	56314.41997	56304.86328	504320.9	5410507.6
L4320.1	504320.9	5410509.3	53571.60156	330.87	0	48.847539	-86.941104	56270.97	56239.1	10.90	56281.87	56281.69531	56318.51798	56309.05078	504320.9	5410509.3

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4320.1	504320.9	5410509.3	53571.69922	331.62	0	48.847539	-86.941104	56271.19	56239.1	10.90	56282.10	56281.92969	56318.42682	56309.05078	504320.9	5410509.3
L4320.1	504321.0	5410511.1	53571.80078	330.94	0	48.847555	-86.941104	56271.20	56239.1	10.91	56282.11	56281.94531	56314.14093	56304.85547	504321.0	5410511.1
L4320.1	504321.0	5410512.9	53571.89844	330.55	0	48.847572	-86.941103	56271.61	56239.1	10.91	56282.52	56282.36328	56317.62621	56308.42969	504321.0	5410512.9
L4320.1	504321.0	5410512.9	53572.00000	329.86	0	48.847572	-86.941103	56271.40	56239.1	10.91	56282.31	56282.15625	56309.21509	56300.10938	504321.0	5410512.9
L4320.1	504321.0	5410514.6	53572.10156	330.06	0	48.847586	-86.941103	56272.13	56239.1	10.91	56283.04	56282.89063	56318.95049	56309.93750	504321.0	5410514.6
L4320.1	504321.0	5410516.1	53572.19922	330.75	0	48.847600	-86.941103	56271.86	56239.1	10.91	56282.77	56282.62891	56309.52292	56300.59766	504321.0	5410516.1
L4320.1	504321.0	5410517.8	53572.30078	329.80	0	48.847615	-86.941103	56272.50	56239.1	10.91	56283.41	56283.27344	56317.59232	56308.75781	504321.0	5410517.8
L4320.1	504321.0	5410517.8	53572.39844	330.99	0	48.847615	-86.941103	56272.68	56239.1	10.91	56283.59	56283.45703	56316.90019	56308.15625	504321.0	5410517.8
L4320.1	504321.0	5410519.7	53572.50000	331.52	0	48.847632	-86.941104	56272.61	56239.1	10.92	56283.52	56283.39453	56311.51898	56302.86719	504321.0	5410519.7
L4320.1	504320.9	5410520.8	53572.60156	329.55	0	48.847642	-86.941104	56273.16	56239.1	10.92	56284.08	56283.96094	56318.14630	56309.58594	504320.9	5410520.8
L4320.1	504320.9	5410520.8	53572.69922	328.02	0	48.847642	-86.941104	56273.12	56239.1	10.92	56284.04	56283.92578	56313.47168	56305.00000	504320.9	5410520.8
L4320.1	504320.9	5410522.6	53572.80078	329.14	0	48.847659	-86.941104	56273.14	56239.1	10.92	56284.06	56283.94922	56310.01331	56301.62891	504320.9	5410522.6
L4320.1	504320.9	5410524.3	53572.80078	329.14	0	48.847674	-86.941104	56273.50	56239.1	10.92	56284.41	56284.30469	56312.80683	56304.51172	504320.9	5410524.3
L4320.1	504320.9	5410526.1	53573.00000	327.29	0	48.847690	-86.941105	56273.70	56239.1	10.92	56284.62	56284.51953	56313.02584	56304.82031	504320.9	5410526.1
L4320.1	504320.9	5410526.1	53573.10156	327.14	0	48.847690	-86.941105	56273.88	56239.1	10.92	56284.80	56284.70703	56312.74026	56304.62500	504320.9	5410526.1
L4320.1	504320.8	5410527.8	53573.19922	327.82	0	48.847705	-86.941105	56273.93	56239.1	10.92	56284.85	56284.76172	56310.10476	56302.07422	504320.8	5410527.8
L4320.1	504320.8	5410527.8	53573.30078	327.56	0	48.847705	-86.941105	56274.21	56239.1	10.92	56285.13	56285.04688	56311.78292	56303.83984	504320.8	5410527.8
L4320.1	504320.8	5410530.0	53573.39844	329.36	0	48.847725	-86.941106	56274.67	56239.1	10.92	56285.59	56285.51172	56316.81686	56308.96094	504320.8	5410530.0
L4320.1	504320.7	5410531.5	53573.50000	327.93	0	48.847739	-86.941106	56274.54	56239.1	10.93	56285.46	56285.38672	56311.03883	56303.26953	504320.7	5410531.5
L4320.1	504320.7	5410531.5	53573.60156	327.22	0	48.847739	-86.941106	56274.62	56239.1	10.93	56285.55	56285.48047	56309.36566	56301.68359	504320.7	5410531.5
L4320.1	504320.7	5410533.7	53573.69922	328.15	0	48.847758	-86.941107	56274.97	56239.1	10.93	56285.90	56285.83203	56312.50111	56304.90625	504320.7	5410533.7
L4320.1	504320.7	5410535.3	53573.80078	329.16	0	48.847772	-86.941107	56275.15	56239.1	10.93	56286.08	56286.01953	56312.56400	56305.05078	504320.7	5410535.3
L4320.1	504320.7	5410535.3	53573.89844	329.87	0	48.847772	-86.941107	56275.41	56239.1	10.93	56286.34	56286.28125	56314.13038	56306.70313	504320.7	5410535.3
L4320.1	504320.6	5410537.0	53574.00000	329.72	0	48.847788	-86.941108	56275.23	56239.1	10.93	56286.16	56286.10547	56307.70931	56300.36719	504320.6	5410537.0
L4320.1	504320.6	5410538.3	53574.10156	331.88	0	48.847800	-86.941108	56275.46	56239.1	10.93	56286.39	56286.33984	56308.80924	56301.54688	504320.6	5410538.3
L4320.1	504320.6	5410540.0	53574.19922	332.07	0	48.847815	-86.941108	56275.77	56239.1	10.93	56286.70	56286.65234	56311.40498	56304.22656	504320.6	5410540.0
L4320.1	504320.6	5410540.0	53574.30078	331.73	0	48.847815	-86.941108	56275.91	56239.1	10.93	56286.84	56286.79688	56310.93984	56303.84375	504320.6	5410540.0
L4320.1	504320.6	5410541.5	53574.39844	329.13	0	48.847829	-86.941109	56275.92	56239.1	10.93	56286.85	56286.80859	56308.13880	56301.12109	504320.6	5410541.5
L4320.1	504320.5	5410543.4	53574.50000	328.12	0	48.847845	-86.941109	56276.27	56239.1	10.93	56287.20	56287.16016	56311.57914	56304.64453	504320.5	5410543.4
L4320.1	504320.5	5410543.4	53574.60156	328.04	0	48.847845	-86.941109	56276.38	56239.1	10.92	56287.30	56287.26563	56310.48765	56303.62891	504320.5	5410543.4
L4320.1	504320.5	5410545.2	53574.69922	328.04	0	48.847861	-86.941109	56276.38	56239.1	10.92	56287.30	56287.26563	56307.58937	56300.80859	504320.5	5410545.2
L4320.1	504320.5	5410546.7	53574.80078	328.04	0	48.847876	-86.941109	56276.56	56239.1	10.92	56287.48	56287.44922	56308.01501	56301.31250	504320.5	5410546.7
L4320.1	504320.5	5410546.7	53574.80078	327.82	0	48.847876	-86.941109	56277.02	56239.1	10.92	56287.94	56287.91016	56313.62816	56307.00391	504320.5	5410546.7
L4320.1	504320.5	5410548.4	53575.00000	326.22	0	48.847891	-86.941109	56276.83	56239.1	10.92	56287.75	56287.72266	56307.27928	56300.73047	504320.5	5410548.4
L4320.1	504320.5	5410550.2	53575.10156	328.23	0	48.847907	-86.941109	56276.99	56239.1	10.92	56287.91	56287.88281	56307.40148	56300.92578	504320.5	5410550.2
L4320.1	504320.5	5410550.2	53575.19922	329.90	0	48.847907	-86.941109	56277.02	56239.1	10.92	56287.94	56287.91406	56305.12409	56298.72266	504320.5	5410550.2
L4320.1	504320.5	5410552.2	53575.30078	330.35	0	48.847925	-86.941110	56277.42	56239.1	10.92	56288.34	56288.31250	56309.74977	56303.42188	504320.5	5410552.2
L4320.1	504320.5	5410553.7	53575.39844	331.00	0	48.847938	-86.941110	56277.56	56239.1	10.92	56288.48	56288.45313	56309.55329	56303.29688	504320.5	5410553.7
L4320.1	504320.5	5410555.6	53575.50000	328.69	0	48.847955	-86.941110	56277.99	56239.1	10.93	56288.92	56288.89453	56314.99894	56308.81250	504320.5	5410555.6
L4320.1	504320.5	5410555.6	53575.60156	328.06	0	48.847955	-86.941110	56277.96	56239.1	10.93	56288.88	56288.85156	56311.45112	56305.33594	504320.5	5410555.6
L4320.1	504320.5	5410557.1	53575.69922	327.70	0	48.847969	-86.941110	56278.24	56239.1	10.93	56289.17	56289.14063	56314.12082	56308.07422	504320.5	5410557.1
L4320.1	504320.5	5410557.1	53575.80078	328.82	0	48.847969	-86.941110	56278.32	56239.1	10.93	56289.25	56289.21875	56312.83462	56306.85547	504320.5	5410557.1
L4320.1	504320.5	5410559.0	53575.89844	330.90	0	48.847986	-86.941110	56278.57	56239.1	10.93	56289.50	56289.46875	56314.77175	56308.85938	504320.5	5410559.0
L4320.1	504320.5	5410560.8	53576.00000	331.42	0	48.848002	-86.941110	56278.86	56239.1	10.93	56289.79	56289.75781	56317.47881	56311.63281	504320.5	5410560.8
L4320.1	504320.4	5410562.3	53576.10156	332.54	0	48.848016	-86.941110	56279.00	56239.1	10.93	56289.93	56289.89453	56317.33334	56311.55078	504320.4	5410562.3
L4320.1	504320.4	5410562.3	53576.19922	332.45	0	48.848016	-86.941110	56279.26	56239.1	10.93	56290.19	56290.15234	56319.47182	56313.75000	504320.4	5410562.3
L4320.1	504320.4	5410563.8	53576.30078	332.68	0	48.848029	-86.941110	56279.04	56239.1	10.93	56289.97	56289.92578	56312.43540	56306.77734	504320.4	5410563.8
L4320.1	504320.5	5410565.5	53576.39844	330.42	0	48.848045	-86.941110	56279.11	56239.1	10.93	56290.04	56289.99219	56310.92634	56305.32813	504320.5	5410565.5
L4320.1	504320.5	5410565.5	53576.50000	329.01	0	48.848045	-86.941110	56279.52	56239.1	10.93	56290.45	56290.39844	56315.90683	56310.36719	504320.5	5410565.5
L4320.1	504320.5	5410567.6	53576.60156	328.82	0	48.848063	-86.941110	56279.49	56239.1	10.93	56290.42	56290.36719	56312.47187	56306.99219	504320.5	5410567.6
L4320.1	504320.5	5410569.4	53576.69922	327.83	0	48.848079	-86.941110	56279.52	56239.1	10.93	56290.45	56290.39063	56310.17942	56304.75781	504320.5	5410569.4
L4320.1	504320.5	5410569.4	53576.80078	327.83	0	48.848079	-86.941110	56279.98	56239.1	10.93	56290.91	56290.84375	56316.06845	56310.69922	504320.5	5410569.4
L4320.1	504320.5	5410571.1	53576.80078	328.99	0	48.848095	-86.941110	56279.93	56239.1	10.93	56290.86	56290.78906	56312.24152	56306.92969	504320.5	5410571.1
L4320.1	504320.5	5410572.9	53577.00000	330.44	0	48.848111	-86.941109	56279.99	56239.1	10.93	56290.92	56290.84375	56310.50912	56305.25000	504320.5	5410572.9
L4320.1	504320.5	5410572.9	53577.10156	330.32	0	48.848111	-86.941109	56280.14	56239.1	10.93	56291.07	56290.98828	56310.47853	56305.27344	504320.5	5410572.9
L4320.1	504320.5	5410574.6	53577.19922	330.18	0	48.848126	-86.941109	56280.64	56239.1	10.93	56291.57	56291.48047	56317.01620	56311.85938	504320.5	5410574.6
L4320.1	504320.5	5410576.4	53577.30078	329.88	0	48.848142	-86.941109	56280.77	56239.1	10.93	56291.70	56291.60156	56316.57906	56311.47266	504320.5	5410576.4
L4320.1	504320.5	5410576.4	53577.39844	330.85	0	48.848142	-86.941109	56280.52	56239.1	10.93	56291.45	56291.34375	56309.06948	56304.01172	504320.5	5410576.4
L4320.1	504320.5	5410577.9	53577.50000	331.23	0	48.848156	-86.941109	56281.10	56239.1	10.94	56292.03	56291.91797	56317.01866	56312.00781	504320.5	5410577.9
L4320.1	504320.6	5410579.7	53577.60156	331.60	0	48.848172	-86.941108	56280.90	56239.1	10.94	56291.84	56291.71875	56310.68621	56305.72266	504320.6	5410579.7
L4320.1	504320.6	5410579.7	53577.69922	329.46	0	48.848172	-86.941108	56281.50	56239.1	10.94	56292.44	56292.30859	56318.94796	56314.02734	504320.6	5410579.7
L4320.1	504320.6	5410581.0	53577.80078	328.40	0	48.848184	-86.941108	56281.54	56239.1	10.94	56292.48	56292.33984	56316.89331	56312.01563	504320.6	5410581.0
L4320.1	504320.6	5410582.9	53577.89844	327.12	0	48.848201	-86.941108	56281.71	56239.1	10.94	56292.65	56292.50000	56317.24264	56312.40625	504320.6	5410582.9
L4320.1	504320.6	5410584.5	53578.00000	326.48	0	48.848216	-86.941107	56281.59	56239.1	10.94	56292.53	56292.36719	56312.31447	56307.51953	504320.6	5410584.5
L4320.1	504320.6	5410584.5	53578.10156	327.40	0	48.848216	-86.941107	56281.92	56239.1	10.94	56292.86	56292.68750	56315.61755	56310.86328	504320.6	5410584.5
L4320.1	504320.6	5410586.4	53578.19922	327.54	0	48.848233	-86.941107	56281.68	56239.1	10.94	56292.62	56292.43359	56308.55440	56303.83594	504320.6	5410586.4
L4320.1	504320.7	5410587.9	53578.30078	327.32	0	48.848246	-86.941107	56282.13	56239.1	10.94	56293.07	56292.87500	56314.06627	56309.38281	504320.7	5410587.9
L4320.1	504320.7	5410589.4	53578.39844	326.51	0	48.848260	-86.941106	56282.24	56239.1	10.94	56293.18	56292.97266	56313.40470	56308.75781	504320.7	5410589.4
L4320.1	504320.7	5410589.4	53578.50000	326.16	0	48.848260	-86.941106	56282.10	56239.1	10.94	56293.04	56292.81641	56308.20107	56303.58984	504320.7	5410589.4
L4320.1	504320.7	5410591.6	53578.60156	326.31	0	48.848279	-86.941106	56282.81	56239.1	10.94	56293.75	56293.51563	56318.49985	56313.91797	504320.7	5410591.6
L4320.1	504320.7	5410591.6	53578.69922	327.63	0	48.848279	-86.941106	56282.38	56239.1	10.94	56293.32	56293.07031	56308.00778	56303.45703	504320.7	5410591.6
L4320.1	504320.8	5410593.4	53578.80078	327.63	0	48.848295	-86.941105	56282.98	56239.1	10.94	56293.92	56293.65625	56316.34525	56311.82422	504320.8	5410593.4
L4320.1	504320.8	5410595.3	53578.80078	327.98	0	48.848312	-86.941105	56282.81	56239.1	10.94	56293.75	56293.47266	56310.58615	56306.09375	504320.8	5410595.3
L4320.1	504320.8	5410595.3	53579.00000	327.70	0	48.848312	-86.941105	56282.86	56239.1	10.94	56293.80	56293.50781	56308.85059	56304.38672	504320.8	5410595.3
L4320.1	504320.9	5410597.2	53579.10156	327.71	0	48.848329	-86.941104	56283.29	56239.1	10.94	56294.23	56293.92188	56314.12156	56309.68359	504320.9	5410597.2
L4320.1	504320.9	5410597.2	53579.19922	329.63	0	48.848329	-86.941104	56283.65	56239.1	10.94	56294.59	56294.26563	56318.12358	56313.70703	504320.9	5410597.2
L4320.1	504320.9	5410598.9	53579.30078	329.64	0	48.848345	-86.941103	56283.57	56239.1	10.94	56294.51	56294.16797	56313.97786	56309.58594	504320.9	5410598.9
L4320.1	504321.0	5410600.6	53579.39844	330.69	0	48.848360	-86.941103	56283.66	56239.1	10.94	56294.60	56294.23828	56312.97008	56308.59766	504321.0	5410600.6
L4320.1	504321.0	5410600.6	53579.50000	329.00	0	48.848360	-86.941103	56283.98	56239.1	10.94	56294.92	56294.54297	56316.24120	56311.89063	504321.0	5410600.6
L4320.1	504321.0	5410602.2	53579.60156	329.95	0	48.848375	-86.941102	56284.14	56239.1	10.94	56295.08	56294.68359	56316.53292	56312.19922	504321.0	5410602.2
L4320.1	504321.0	5410604.3	53579.69922	330.11	0	48.848393	-86.941102	56284.55	56239.1	10.94	56295.49	56295.07422	56321.49833	56317.18359	504321.0	5410604.3
L4320.1	504321.0	5410604.3	53579.80078	330.51	0	48.848393	-86.941102	56284.32	56239.1	10.94	56295.26	56294.82813	56314.48109	56310.17969	504321.0	5410604.3
L4320.1	504321.0	5410606.1	53579.89844	330.93	0	48.848409	-86.941102	56284.60	56239.1	10.94	56295.54	56295.08594	56317.00863	56312.72266	504321.0	5410606.1
L4320.1	504321.0	5410607.9	53580.00000	332.55	0	48.848426	-86.941102	56284.90	56239.1	10.94	56295.84	56295.36719	56319.91222	56315.64063	504321.0	5410607.9
L4320.1	504321.0	5410607.9	53580.10156	332.14	0	48.848426	-86.941102	56284.87	56239.1	10.94	56295.81	56295.31641	56316.61198	56312.35156	504321.0	5410607.9
L4320.1	504321.0	5410609.6	53580.19922	329.24	0	48.848441	-86.941102	56285.14	56239.1	10.94	56296.08	56295.56641	56318.94390	56314.69531	504321.0	5410609.6
L4320.1	504321.0	5410611.1	53580.30078	329.55	0	48.848455	-86.941102	56285.18	56239.1	10.95	56296.13	56295.59375	56317.13535	56312.89453	504321.0	5410611.1
L4320.1	504321.0	5410611.1	53580.39844	328.46	0	48.848455	-86.941102	56285.57	56239.1	10.95	56296.51	56295.95313	56321.53166	56317.30078	504321.0	5410611.1
L4320.1	504321.0	5410613.1	53580.50000	327.52	0	48.848473	-86.941102	56285.52	56239.1	10.95	56296.47	56295.89063	56318.02406	56313.80078	504321.0	5410613.1
L4320.1	504321.0	5410614.7	53580.60156	328.76	0	48.848487	-86.941102	56285.20	56239	10.95	56296.15	56295.54688	56309.24810	56305.02734	504321.0	5410614.7
L4320.1	504321.0	5410614.7	53580.69922	328.93	0	48.848487	-86.941102	56285.72	56239	10.95	56296.67	56296.04297	56316.26928	56312.05469	504321.0	5410614.7
L4320.1	504321.0	5410616.5	53580.80078	328.93	0	48.848503	-86.941102	56285.74	56239	10.96	56296.70	56296.05078	56314.07374	56309.85938	504321.0	5410616.5
L4320.1	504321.0	5410618.1	53580.80078	328.46	0	48.848518	-86.941102	56285.92	56239	10.96	56296.88	56296.20703	56314.69596	56310.48438	504321.0	5410618.1

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4320.1	504321.0	5410619.4	53581.00000	329.69	0	48.848529	-86.941102	56285.97	56239	10.96	56296.93	56296.23438	56312.87716	56308.66797	504321.0	5410619.4
L4320.1	504321.0	5410620.8	53581.10156	330.43	0	48.848542	-86.941102	56286.01	56239	10.96	56296.97	56296.24609	56310.87309	56306.66016	504321.0	5410620.8
L4320.1	504321.0	5410620.8	53581.19922	329.30	0	48.848542	-86.941102	56286.64	56239	10.96	56297.60	56296.85156	56319.91384	56315.69922	504321.0	5410620.8
L4320.1	504321.0	5410622.6	53581.30078	329.72	0	48.848558	-86.941102	56286.69	56239	10.96	56297.65	56296.87891	56318.09029	56313.87109	504321.0	5410622.6
L4320.1	504321.0	5410623.8	53581.39844	330.32	0	48.848569	-86.941102	56286.89	56239	10.96	56297.86	56297.06250	56319.25541	56315.03125	504321.0	5410623.8
L4320.1	504321.0	5410623.8	53581.50000	330.08	0	48.848569	-86.941102	56287.25	56239	10.96	56298.22	56297.39453	56323.20869	56318.98047	504321.0	5410623.8
L4320.1	504321.0	5410625.4	53581.60156	329.74	0	48.848584	-86.941101	56286.99	56239	10.97	56297.96	56297.10938	56315.62034	56311.38281	504321.0	5410625.4
L4320.1	504321.1	5410627.2	53581.69922	331.04	0	48.848599	-86.941101	56287.43	56239	10.97	56298.40	56297.51953	56321.04573	56316.80078	504321.1	5410627.2
L4320.1	504321.1	5410627.2	53581.80078	329.88	0	48.848599	-86.941101	56287.46	56239	10.97	56298.43	56297.52344	56318.85679	56314.60156	504321.1	5410627.2
L4320.1	504321.1	5410629.5	53581.89844	329.98	0	48.848620	-86.941101	56287.56	56239	10.97	56298.52	56297.58594	56317.78292	56313.51563	504321.1	5410629.5
L4320.1	504321.1	5410631.1	53582.00000	329.06	0	48.848635	-86.941101	56287.41	56239	10.97	56298.38	56297.41797	56312.47842	56308.19922	504321.1	5410631.1
L4320.1	504321.1	5410631.1	53582.10156	329.03	0	48.848635	-86.941101	56287.66	56239	10.97	56298.63	56297.64063	56314.36406	56310.07422	504321.1	5410631.1
L4320.1	504321.1	5410632.7	53582.19922	328.43	0	48.848649	-86.941100	56287.82	56239	10.97	56298.79	56297.76953	56314.59097	56310.28516	504321.1	5410632.7
L4320.1	504321.1	5410634.2	53582.30078	328.27	0	48.848663	-86.941100	56288.25	56239	10.97	56299.22	56298.17188	56319.74568	56315.42578	504321.1	5410634.2
L4320.1	504321.1	5410636.1	53582.39844	327.69	0	48.848679	-86.941100	56288.63	56239	10.97	56299.60	56298.52344	56323.96002	56319.62109	504321.1	5410636.1
L4320.1	504321.1	5410636.1	53582.50000	327.26	0	48.848679	-86.941100	56288.25	56239	10.98	56299.22	56298.11328	56314.35961	56310.00391	504321.1	5410636.1
L4320.1	504321.1	5410638.4	53582.60156	327.41	0	48.848700	-86.941100	56288.61	56239	10.98	56299.58	56298.44141	56318.20905	56313.83594	504321.1	5410638.4
L4320.1	504321.2	5410639.7	53582.69922	327.17	0	48.848712	-86.941100	56288.84	56239	10.98	56299.81	56298.64063	56319.69655	56315.30469	504321.2	5410639.7
L4320.1	504321.2	5410639.7	53582.80078	327.17	0	48.848712	-86.941100	56289.29	56239	10.98	56300.27	56299.07031	56325.32499	56320.91016	504321.2	5410639.7
L4320.1	504321.2	5410641.2	53582.80078	328.01	0	48.848726	-86.941099	56289.34	56239	10.98	56300.32	56299.08984	56323.57231	56319.13672	504321.2	5410641.2
L4320.1	504321.2	5410643.3	53583.00000	328.76	0	48.848744	-86.941099	56289.37	56239	10.98	56300.35	56299.08984	56321.47801	56317.01953	504321.2	5410643.3
L4320.1	504321.2	5410643.3	53583.10156	328.11	0	48.848744	-86.941099	56289.63	56239	10.98	56300.61	56299.31641	56323.52203	56319.04297	504321.2	5410643.3
L4320.1	504321.2	5410645.0	53583.19922	329.11	0	48.848759	-86.941099	56289.62	56239	10.98	56300.60	56299.27734	56320.73976	56316.23438	504321.2	5410645.0
L4320.1	504321.2	5410645.0	53583.30078	328.07	0	48.848759	-86.941099	56289.84	56239	10.97	56300.81	56299.45313	56321.91122	56317.37891	504321.2	5410645.0
L4320.1	504321.2	5410647.0	53583.39844	329.16	0	48.848778	-86.941099	56290.08	56239	10.97	56301.05	56299.66016	56323.63306	56319.07422	504321.2	5410647.0
L4320.1	504321.2	5410648.9	53583.50000	326.68	0	48.848794	-86.941099	56290.70	56239	10.97	56301.67	56300.25000	56332.18587	56327.60156	504321.2	5410648.9
L4320.1	504321.2	5410648.9	53583.60156	325.94	0	48.848794	-86.941099	56290.11	56239	10.97	56301.07	56299.61719	56318.86290	56314.25000	504321.2	5410648.9
L4320.1	504321.2	5410650.6	53583.69922	325.44	0	48.848810	-86.941099	56290.70	56239	10.97	56301.67	56300.18359	56327.09743	56322.45703	504321.2	5410650.6
L4320.1	504321.2	5410652.1	53583.80078	326.09	0	48.848823	-86.941099	56290.08	56239	10.96	56301.04	56299.51953	56313.18552	56308.51172	504321.2	5410652.1
L4320.1	504321.2	5410653.8	53583.89844	328.33	0	48.848839	-86.941099	56290.63	56239	10.96	56301.59	56300.03906	56320.54661	56315.84375	504321.2	5410653.8
L4320.1	504321.2	5410653.8	53584.00000	328.52	0	48.848839	-86.941099	56290.90	56239	10.96	56301.86	56300.27344	56322.86710	56318.13281	504321.2	5410653.8
L4320.1	504321.2	5410655.6	53584.10156	328.95	0	48.848855	-86.941099	56290.88	56239	10.96	56301.84	56300.22266	56319.92655	56315.16406	504321.2	5410655.6
L4320.1	504321.2	5410657.1	53584.19922	328.29	0	48.848869	-86.941099	56291.00	56239	10.97	56301.96	56300.30859	56319.51886	56314.72266	504321.2	5410657.1
L4320.1	504321.2	5410658.8	53584.30078	328.41	0	48.848884	-86.941099	56291.13	56239	10.97	56302.10	56300.41406	56319.47054	56314.64063	504321.2	5410658.8
L4320.1	504321.2	5410658.8	53584.39844	328.13	0	48.848884	-86.941099	56291.56	56239	10.97	56302.54	56300.82031	56324.90437	56320.03906	504321.2	5410658.8
L4320.1	504321.2	5410661.0	53584.50000	328.40	0	48.848903	-86.941099	56291.18	56239	10.97	56302.16	56300.40625	56315.33077	56310.42969	504321.2	5410661.0
L4320.1	504321.2	5410662.4	53584.60156	328.12	0	48.848916	-86.941099	56291.54	56239	10.98	56302.52	56300.73047	56319.30207	56314.36719	504321.2	5410662.4
L4320.1	504321.2	5410662.4	53584.69922	329.39	0	48.848916	-86.941099	56291.69	56239	10.98	56302.67	56300.84766	56319.42339	56314.45313	504321.2	5410662.4
L4320.1	504321.2	5410664.4	53584.80078	329.39	0	48.848934	-86.941099	56291.89	56239	10.98	56302.88	56301.02344	56320.64796	56315.64063	504321.2	5410664.4
L4320.1	504321.2	5410664.4	53584.80078	328.30	0	48.848934	-86.941099	56292.21	56239	10.98	56303.19	56301.30078	56323.71965	56318.67578	504321.2	5410664.4
L4320.1	504321.2	5410666.2	53585.00000	329.32	0	48.848951	-86.941099	56292.10	56239	10.99	56303.09	56301.16406	56319.22378	56314.14063	504321.2	5410666.2
L4320.1	504321.1	5410667.8	53585.10156	330.93	0	48.848964	-86.941099	56292.38	56239	10.99	56303.37	56301.41016	56321.74538	56316.62500	504321.1	5410667.8
L4320.1	504321.1	5410667.8	53585.19922	331.10	0	48.848964	-86.941099	56292.20	56239	10.99	56303.19	56301.19531	56315.74547	56310.58594	504321.1	5410667.8
L4320.1	504321.1	5410669.8	53585.30078	331.48	0	48.848983	-86.941099	56292.44	56239	10.99	56303.43	56301.40234	56317.52425	56312.32422	504321.1	5410669.8
L4320.1	504321.1	5410671.2	53585.39844	329.71	0	48.848995	-86.941100	56292.71	56239	10.99	56303.69	56301.62891	56319.67980	56314.44141	504321.1	5410671.2
L4320.1	504321.1	5410672.7	53585.50000	329.47	0	48.849009	-86.941100	56293.07	56239	10.99	56304.06	56301.96094	56323.89084	56318.61328	504321.1	5410672.7
L4320.1	504321.1	5410672.7	53585.60156	327.79	0	48.849009	-86.941100	56293.12	56239	10.98	56304.11	56301.97656	56322.14205	56316.82422	504321.1	5410672.7
L4320.1	504321.1	5410674.5	53585.69922	327.06	0	48.849025	-86.941100	56293.53	56239	10.98	56304.51	56302.34375	56326.92784	56321.57031	504321.1	5410674.5
L4320.1	504321.1	5410676.0	53585.80078	327.00	0	48.849038	-86.941100	56293.55	56239	10.98	56304.53	56302.32813	56324.61255	56319.21094	504321.1	5410676.0
L4320.1	504321.1	5410677.4	53585.89844	326.98	0	48.849051	-86.941100	56293.66	56239	10.98	56304.64	56302.40625	56323.97514	56318.53125	504321.1	5410677.4
L4320.1	504321.1	5410677.4	53586.00000	327.98	0	48.849051	-86.941100	56293.81	56239	10.98	56304.79	56302.51953	56324.08415	56318.60156	504321.1	5410677.4
L4320.1	504321.0	5410679.0	53586.10156	327.83	0	48.849066	-86.941101	56293.78	56239	10.98	56304.76	56302.45703	56320.80818	56315.28125	504321.0	5410679.0
L4320.1	504321.0	5410679.0	53586.19922	329.18	0	48.849066	-86.941101	56294.29	56239	10.98	56305.27	56302.93359	56327.68035	56322.11328	504321.0	5410679.0
L4320.1	504321.0	5410681.1	53586.30078	329.66	0	48.849084	-86.941101	56294.32	56239	10.98	56305.30	56302.92969	56325.52580	56319.91406	504321.0	5410681.1
L4320.1	504321.0	5410682.9	53586.39844	331.70	0	48.849101	-86.941102	56294.52	56239	10.98	56305.50	56303.09375	56326.56836	56320.91406	504321.0	5410682.9
L4320.1	504321.0	5410682.9	53586.50000	331.26	0	48.849101	-86.941102	56294.55	56239	10.98	56305.53	56303.08984	56324.40509	56318.70703	504321.0	5410682.9
L4320.1	504321.0	5410684.6	53586.60156	330.06	0	48.849116	-86.941102	56294.63	56239	10.98	56305.61	56303.13672	56323.18084	56317.44141	504321.0	5410684.6
L4320.1	504320.9	5410686.5	53586.69922	329.84	0	48.849133	-86.941102	56295.11	56239	10.98	56306.09	56303.58203	56329.50194	56323.71875	504320.9	5410686.5
L4320.1	504320.9	5410686.5	53586.80078	331.16	0	48.849133	-86.941102	56294.93	56239	10.98	56305.91	56303.36719	56323.36839	56317.53906	504320.9	5410686.5
L4320.1	504320.9	5410688.7	53586.80078	331.16	0	48.849152	-86.941102	56295.24	56239	10.98	56306.22	56303.64453	56326.47864	56320.60547	504320.9	5410688.7
L4320.1	504320.9	5410690.4	53587.00000	329.38	0	48.849168	-86.941103	56295.49	56239	10.98	56306.47	56303.86328	56328.45283	56322.53516	504320.9	5410690.4
L4320.1	504320.9	5410690.4	53587.10156	329.17	0	48.849168	-86.941103	56295.86	56239	10.98	56306.84	56304.19922	56332.68455	56326.72266	504320.9	5410690.4
L4320.1	504320.9	5410692.1	53587.19922	328.74	0	48.849184	-86.941103	56295.82	56239	10.98	56306.80	56304.12500	56329.18312	56323.17969	504320.9	5410692.1
L4320.1	504320.9	5410694.0	53587.30078	328.16	0	48.849200	-86.941103	56295.81	56239	10.98	56306.79	56304.08203	56326.25046	56320.19922	504320.9	5410694.0
L4320.1	504320.9	5410694.0	53587.39844	328.72	0	48.849200	-86.941103	56296.18	56239	10.98	56307.16	56304.42188	56330.46663	56324.37109	504320.9	5410694.0
L4320.1	504320.9	5410695.9	53587.50000	329.18	0	48.849218	-86.941103	56296.08	56239	10.98	56307.06	56304.28906	56325.85081	56319.71484	504320.9	5410695.9
L4320.1	504320.9	5410695.9	53587.60156	329.48	0	48.849218	-86.941103	56296.20	56239	10.98	56307.18	56304.37500	56325.37431	56319.19141	504320.9	5410695.9
L4320.1	504320.8	5410697.4	53587.69922	330.24	0	48.849231	-86.941103	56296.21	56239	10.98	56307.19	56304.35156	56322.84532	56316.62109	504320.8	5410697.4
L4320.1	504320.8	5410699.3	53587.80078	330.26	0	48.849248	-86.941103	56296.72	56239	10.98	56307.70	56304.83203	56329.67317	56323.40234	504320.8	5410699.3
L4320.1	504320.8	5410700.6	53587.89844	330.33	0	48.849260	-86.941103	56296.59	56239	10.98	56307.57	56304.67188	56324.54672	56318.23047	504320.8	5410700.6
L4320.1	504320.8	5410700.6	53588.00000	330.71	0	48.849260	-86.941103	56296.92	56239	10.98	56307.90	56304.96875	56328.01649	56321.66016	504320.8	5410700.6
L4320.1	504320.8	5410702.3	53588.10156	329.83	0	48.849275	-86.941104	56296.86	56239	10.98	56307.84	56304.87891	56324.22730	56317.82813	504320.8	5410702.3
L4320.1	504320.8	5410703.9	53588.19922	329.05	0	48.849289	-86.941104	56296.90	56239	10.98	56307.88	56304.88672	56322.31632	56315.87109	504320.8	5410703.9
L4320.1	504320.8	5410703.9	53588.30078	328.15	0	48.849289	-86.941104	56297.36	56239	10.98	56308.34	56305.31641	56328.23122	56321.74219	504320.8	5410703.9
L4320.1	504320.8	5410706.1	53588.39844	328.16	0	48.849309	-86.941104	56297.54	56239	10.98	56308.52	56305.46484	56328.94927	56322.41797	504320.8	5410706.1
L4320.1	504320.8	5410707.7	53588.50000	327.85	0	48.849324	-86.941104	56297.92	56239	10.98	56308.90	56305.81641	56333.40279	56326.82813	504320.8	5410707.7
L4320.1	504320.8	5410707.7	53588.60156	329.31	0	48.849324	-86.941104	56297.66	56239	10.98	56308.64	56305.52734	56325.96312	56319.34375	504320.8	5410707.7
L4320.1	504320.8	5410709.1	53588.69922	328.68	0	48.849336	-86.941104	56297.82	56239	10.98	56308.80	56305.65625	56326.35113	56319.69141	504320.8	5410709.1
L4320.1	504320.7	5410710.4	53588.80078	328.06	0	48.849348	-86.941104	56297.92	56239	10.98	56308.90	56305.73047	56325.63470	56318.92969	504320.7	5410710.4
L4320.1	504320.7	5410710.4	53588.80078	328.06	0	48.849348	-86.941104	56298.23	56239	10.98	56309.21	56306.01172	56328.85179	56322.10547	504320.7	5410710.4
L4320.1	504320.7	5410712.7	53589.00000	328.27	0	48.849368	-86.941105	56298.02	56239	10.98	56309.00	56305.77344	56322.36524	56315.57813	504320.7	5410712.7
L4320.1	504320.7	5410714.0	53589.10156	330.13	0	48.849380	-86.941105	56298.68	56239	10.98	56309.66	56306.40234	56332.17242	56325.34375	504320.7	5410714.0
L4320.1	504320.7	5410714.0	53589.19922	329.80	0	48.849380	-86.941105	56298.82	56239	10.97	56309.79	56306.50781	56332.07900	56325.20703	504320.7	5410714.0
L4320.1	504320.7	5410716.0	53589.30078	330.10	0	48.849398	-86.941105	56299.20	56239	10.97	56310.17	56306.85938	56336.70209	56329.78906	504320.7	5410716.0
L4320.1	504320.7	5410717.7	53589.39844	329.15	0	48.849414	-86.941105	56299.46	56239	10.97	56310.43	56307.08984	56339.09422	56332.14063	504320.7	5410717.7
L4320.1	504320.7	5410719.3	53589.50000	329.72	0	48.849428	-86.941105	56298.99	56239	10.97	56309.96	56306.59375	56327.71318	56320.71875	504320.7	5410719.3
L4320.1	504320.7	5410720.8	53589.60156	330.13	0	48.849441	-86.941105	56299.35	56239	10.96	56310.31	56306.91797	56331.82237	56324.78906	504320.7	5410720.8
L4320.1	504320.7	5410720.8	53589.69922	329.42	0	48.849441	-86.941105	56299.39	56239	10.96	56310.35	56306.93359	56330.07646	56323.00391	504320.7	5410720.8
L4320.1	504320.8	5410723.0	53589.80078	329.06	0	48.849461	-86.941104	56299.50	56239	10.96	56310.46	56307.01563	56329.66413	56322.55078	504320.8	5410723.0
L4320.1	504320.8	5410724.2	53589.89844	328.64	0	48.849472	-86.941104	56299.17	56239	10.95	56310.12	56306.65234	56320.68967	56313.53906	504320.8	5410724.2
L4320.1	504320.8	5410724.2	53590.00000	329.66	0	48.849472	-86.941104	56299.68	56239.1	10.95	56310.63	56307.13672	56327.90940	56320.71875	504320.8	5410724.2
L4320.1	504320.8	5410726.3	53590.10156	330.59	0	48.849491	-86.941103	56299.98	56239.1	10.95	56310.93	56307.41406	56331.14781	56323.92188	504320.8	5410726.3
L4320.1	504320.8	5410726.3	53590.19922	330.50	0	48.849491	-86.941103	56300.52	56239.1	10.95	56311.47	56307.92969	56338.98997	56331.72656	504320.8	5410726.3

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4320.1	504320.8	5410727.5	53590.30078	328.72	0	48.849502	-86.941103	56300.34	56239.1	10.95	56311.29	56307.72656	56333.07698	56325.77344	504320.8	5410727.5
L4320.1	504320.9	5410728.7	53590.39844	329.15	0	48.849513	-86.941103	56300.70	56239.1	10.95	56311.64	56308.05469	56337.30880	56329.96875	504320.9	5410728.7
L4320.1	504320.9	5410730.1	53590.50000	329.95	0	48.849525	-86.941102	56300.52	56239.1	10.94	56311.46	56307.85156	56331.40586	56324.03125	504320.9	5410730.1
L4320.1	504320.9	5410730.1	53590.60156	330.46	0	48.849525	-86.941102	56300.63	56239.1	10.94	56311.57	56307.93750	56331.06268	56323.65234	504320.9	5410730.1
L4320.1	504320.9	5410732.6	53590.69922	330.54	0	48.849548	-86.941102	56301.14	56239.1	10.94	56312.08	56308.42578	56338.38087	56330.93750	504320.9	5410732.6
L4320.1	504321.0	5410734.1	53590.80078	332.03	0	48.849561	-86.941101	56301.06	56239.1	10.94	56312.00	56308.32422	56334.42110	56326.94141	504321.0	5410734.1
L4320.1	504321.0	5410734.1	53590.80078	332.03	0	48.849561	-86.941101	56301.42	56239.1	10.94	56312.36	56308.66406	56338.87917	56331.36719	504321.0	5410734.1
L4320.1	504321.0	5410735.9	53591.00000	330.04	0	48.849578	-86.941101	56301.36	56239.1	10.94	56312.30	56308.58203	56335.32682	56327.78125	504321.0	5410735.9
L4320.1	504321.0	5410737.4	53591.10156	328.39	0	48.849591	-86.941100	56301.70	56239.1	10.94	56312.64	56308.90234	56339.40930	56331.83203	504321.0	5410737.4
L4320.1	504321.1	5410738.6	53591.19922	327.85	0	48.849602	-86.941100	56301.46	56239.1	10.93	56312.39	56308.63281	56332.27640	56324.66797	504321.1	5410738.6
L4320.1	504321.1	5410738.6	53591.30078	328.02	0	48.849602	-86.941100	56302.16	56239.1	10.93	56313.09	56309.31641	56343.19290	56335.55078	504321.1	5410738.6
L4320.1	504321.1	5410740.4	53591.39844	328.76	0	48.849618	-86.941099	56301.62	56239.1	10.92	56312.54	56308.74609	56330.43003	56322.75781	504321.1	5410740.4
L4320.1	504321.1	5410742.2	53591.50000	329.11	0	48.849634	-86.941099	56302.16	56239.1	10.92	56313.08	56309.26953	56338.29855	56330.59766	504321.1	5410742.2
L4320.1	504321.2	5410743.7	53591.60156	329.77	0	48.849647	-86.941098	56302.00	56239.1	10.92	56312.92	56309.08984	56332.97404	56325.24219	504321.2	5410743.7
L4320.1	504321.2	5410743.7	53591.69922	331.32	0	48.849647	-86.941098	56301.95	56239.1	10.91	56312.86	56309.01172	56329.56965	56321.80859	504321.2	5410743.7
L4320.1	504321.2	5410745.4	53591.80078	330.79	0	48.849663	-86.941098	56302.62	56239.1	10.91	56313.53	56309.66406	56339.82774	56332.03906	504321.2	5410745.4
L4320.1	504321.2	5410746.8	53591.89844	330.90	0	48.849675	-86.941097	56302.34	56239.1	10.90	56313.24	56309.35938	56332.17386	56324.35547	504321.2	5410746.8
L4320.1	504321.2	5410748.0	53592.00000	330.00	0	48.849686	-86.941097	56302.87	56239.1	10.90	56313.77	56309.87500	56339.78616	56331.94141	504321.2	5410748.0
L4320.1	504321.2	5410748.0	53592.10156	328.85	0	48.849686	-86.941097	56302.64	56239.1	10.90	56313.54	56309.62891	56333.33467	56325.46484	504321.2	5410748.0
L4320.1	504321.3	5410749.5	53592.19922	327.32	0	48.849700	-86.941097	56303.31	56239.1	10.90	56314.20	56310.27344	56343.32699	56335.42969	504321.3	5410749.5
L4320.1	504321.3	5410751.2	53592.30078	328.85	0	48.849715	-86.941097	56302.67	56239.1	10.89	56313.56	56309.61719	56329.43597	56321.51563	504321.3	5410751.2
L4320.1	504321.3	5410752.7	53592.39844	327.95	0	48.849728	-86.941096	56303.38	56239.1	10.89	56314.27	56310.31250	56340.35472	56332.41016	504321.3	5410752.7
L4320.1	504321.3	5410753.9	53592.50000	328.36	0	48.849740	-86.941096	56303.10	56239.1	10.89	56313.99	56310.01953	56333.17029	56325.20313	504321.3	5410753.9
L4320.1	504321.3	5410753.9	53592.60156	329.13	0	48.849740	-86.941096	56303.48	56239.1	10.89	56314.36	56310.37891	56337.89906	56329.90625	504321.3	5410753.9
L4320.1	504321.3	5410756.0	53592.69922	328.19	0	48.849758	-86.941096	56303.20	56239.1	10.89	56314.08	56310.08594	56330.79174	56322.77734	504321.3	5410756.0
L4320.1	504321.3	5410757.4	53592.80078	328.18	0	48.849771	-86.941096	56303.45	56239.1	10.88	56314.34	56310.33203	56333.55528	56325.51953	504321.3	5410757.4
L4320.1	504321.3	5410757.4	53592.80078	328.18	0	48.849771	-86.941096	56303.48	56239.1	10.88	56314.37	56310.35156	56332.13873	56324.08203	504321.3	5410757.4
L4320.1	504321.4	5410759.8	53593.00000	327.18	0	48.849792	-86.941096	56303.56	56239.1	10.88	56314.44	56310.41016	56331.46259	56323.38672	504321.4	5410759.8
L4320.1	504321.4	5410761.6	53593.10156	326.22	0	48.849809	-86.941096	56304.07	56239.1	10.88	56314.94	56310.89844	56338.60916	56330.51563	504321.4	5410761.6
L4320.1	504321.4	5410761.6	53593.19922	327.45	0	48.849809	-86.941096	56303.68	56239.1	10.87	56314.56	56310.50781	56329.77390	56321.66016	504321.4	5410761.6
L4320.1	504321.4	5410763.1	53593.30078	327.00	0	48.849822	-86.941096	56304.15	56239.1	10.87	56315.02	56310.96094	56336.17505	56328.04297	504321.4	5410763.1
L4320.1	504321.4	5410764.6	53593.39844	328.75	0	48.849836	-86.941096	56304.17	56239.1	10.87	56315.04	56310.96875	56334.60362	56326.45313	504321.4	5410764.6
L4320.1	504321.4	5410764.6	53593.50000	328.47	0	48.849836	-86.941096	56304.58	56239.1	10.86	56315.45	56311.37109	56340.03978	56331.87109	504321.4	5410764.6
L4320.1	504321.3	5410765.9	53593.60156	328.45	0	48.849847	-86.941096	56304.37	56239.1	10.86	56315.23	56311.14453	56334.17343	56325.99219	504321.3	5410765.9
L4320.1	504321.3	5410767.7	53593.69922	330.45	0	48.849863	-86.941096	56304.56	56239.1	10.86	56315.42	56311.32422	56335.64689	56327.44922	504321.3	5410767.7
L4320.1	504321.3	5410767.7	53593.80078	330.53	0	48.849863	-86.941096	56304.78	56239.1	10.86	56315.63	56311.52734	56338.42817	56330.21484	504321.3	5410767.7
L4320.1	504321.3	5410769.9	53593.89844	331.49	0	48.849883	-86.941096	56304.56	56239.1	10.85	56315.41	56311.30078	56330.24207	56322.01563	504321.3	5410769.9
L4320.1	504321.3	5410771.1	53594.00000	332.47	0	48.849894	-86.941096	56305.07	56239.2	10.85	56315.92	56311.80469	56340.38604	56332.14453	504321.3	5410771.1
L4320.1	504321.3	5410772.6	53594.10156	331.86	0	48.849907	-86.941096	56304.83	56239.2	10.85	56315.68	56311.55859	56331.82082	56323.57031	504321.3	5410772.6
L4320.1	504321.3	5410774.3	53594.19922	332.03	0	48.849923	-86.941096	56304.91	56239.2	10.84	56315.76	56311.63281	56331.25114	56322.98828	504321.3	5410774.3
L4320.1	504321.3	5410774.3	53594.30078	324.97	0	48.849923	-86.941096	56305.27	56239.2	10.84	56316.11	56311.98047	56337.26442	56328.98828	504321.3	5410774.3
L4320.1	504321.3	5410775.5	53594.39844	324.13	0	48.849934	-86.941096	56304.98	56239.2	10.84	56315.82	56311.68359	56327.75160	56319.46484	504321.3	5410775.5
L4320.1	504321.3	5410777.2	53594.50000	323.42	0	48.849949	-86.941096	56305.49	56239.2	10.83	56316.32	56312.17969	56337.28961	56328.99219	504321.3	5410777.2
L4320.1	504321.3	5410778.3	53594.60156	321.55	0	48.849959	-86.941097	56305.22	56239.2	10.83	56316.05	56311.90625	56328.43411	56320.12891	504321.3	5410778.3
L4320.1	504321.3	5410778.3	53594.69922	322.83	0	48.849959	-86.941097	56305.52	56239.2	10.83	56316.35	56312.20313	56333.12496	56324.81250	504321.3	5410778.3
L4320.1	504321.3	5410779.9	53594.80078	322.15	0	48.849973	-86.941097	56305.50	56239.2	10.83	56316.32	56312.17188	56330.06537	56321.74219	504321.3	5410779.9
L4320.1	504321.2	5410781.9	53594.80078	322.15	0	48.849991	-86.941097	56305.60	56239.2	10.83	56316.43	56312.28125	56330.30127	56321.97266	504321.2	5410781.9
L4320.1	504321.2	5410781.9	53595.00000	323.98	0	48.849991	-86.941097	56305.93	56239.2	10.82	56316.75	56312.59766	56335.36127	56327.02344	504321.2	5410781.9
L4320.1	504321.2	5410783.6	53595.10156	323.44	0	48.850006	-86.941097	56305.91	56239.2	10.82	56316.72	56312.56641	56332.40205	56324.06250	504321.2	5410783.6
L4320.1	504321.2	5410785.3	53595.19922	322.97	0	48.850022	-86.941098	56306.04	56239.2	10.81	56316.85	56312.69531	56333.12072	56324.77344	504321.2	5410785.3
L4320.1	504321.2	5410786.8	53595.30078	320.72	0	48.850035	-86.941098	56306.36	56239.2	10.81	56317.17	56313.01563	56338.13343	56329.78125	504321.2	5410786.8
L4320.1	504321.2	5410786.8	53595.39844	319.94	0	48.850035	-86.941098	56306.63	56239.2	10.80	56317.43	56313.27734	56341.78615	56333.42969	504321.2	5410786.8
L4320.1	504321.1	5410789.2	53595.50000	320.82	0	48.850056	-86.941098	56306.34	56239.2	10.80	56317.14	56312.98828	56333.14113	56324.78125	504321.1	5410789.2
L4320.1	504321.1	5410790.7	53595.60156	322.87	0	48.850070	-86.941099	56306.72	56239.2	10.80	56317.51	56313.35938	56339.30355	56330.94141	504321.1	5410790.7
L4320.1	504321.1	5410790.7	53595.69922	324.44	0	48.850070	-86.941099	56306.34	56239.2	10.79	56317.13	56312.98047	56328.72578	56320.35938	504321.1	5410790.7
L4320.1	504321.1	5410792.4	53595.80078	323.11	0	48.850086	-86.941099	56306.65	56239.2	10.79	56317.44	56313.29297	56333.57887	56325.21094	504321.1	5410792.4
L4320.1	504321.0	5410794.4	53595.89844	324.80	0	48.850104	-86.941099	56306.82	56239.2	10.78	56317.61	56313.46484	56335.31228	56326.94531	504321.0	5410794.4
L4320.1	504321.0	5410794.4	53596.00000	324.74	0	48.850104	-86.941099	56306.80	56239.2	10.78	56317.58	56313.43750	56332.57566	56324.20703	504321.0	5410794.4
L4320.1	504321.0	5410795.8	53596.10156	324.51	0	48.850116	-86.941100	56306.73	56239.2	10.78	56317.50	56313.36328	56328.71628	56320.34766	504321.0	5410795.8
L4320.1	504321.0	5410797.5	53596.19922	325.97	0	48.850131	-86.941100	56306.92	56239.2	10.77	56317.70	56313.56641	56331.12151	56322.75391	504321.0	5410797.5
L4320.1	504321.0	5410797.5	53596.30078	325.64	0	48.850131	-86.941100	56306.90	56239.2	10.77	56317.67	56313.53906	56328.37251	56320.00391	504321.0	5410797.5
L4320.1	504321.0	5410798.7	53596.39844	324.08	0	48.850142	-86.941100	56307.19	56239.2	10.77	56317.96	56313.83594	56332.77868	56324.41406	504321.0	5410798.7
L4320.1	504321.0	5410800.2	53596.50000	323.01	0	48.850156	-86.941100	56307.31	56239.2	10.76	56318.07	56313.94922	56333.14726	56324.78516	504321.0	5410800.2
L4320.1	504321.0	5410801.6	53596.60156	324.77	0	48.850169	-86.941100	56307.41	56239.2	10.76	56318.18	56314.06641	56333.50909	56325.14844	504321.0	5410801.6
L4320.1	504321.0	5410803.1	53596.69922	325.86	0	48.850182	-86.941100	56307.54	56239.2	10.76	56318.30	56314.19141	56334.08824	56325.73438	504321.0	5410803.1
L4320.1	504321.0	5410803.1	53596.80078	323.90	0	48.850182	-86.941100	56307.76	56239.2	10.76	56318.52	56314.41797	56336.88435	56328.53125	504321.0	5410803.1
L4320.1	504321.0	5410804.6	53596.80078	323.90	0	48.850196	-86.941100	56308.00	56239.2	10.76	56318.76	56314.66797	56340.10981	56331.76172	504321.0	5410804.6
L4320.1	504321.0	5410806.4	53597.00000	324.04	0	48.850211	-86.941100	56307.88	56239.3	10.75	56318.63	56314.54297	56335.13692	56326.79297	504321.0	5410806.4
L4320.1	504321.0	5410806.4	53597.10156	324.21	0	48.850211	-86.941100	56307.99	56239.3	10.74	56318.74	56314.66016	56335.48125	56327.14453	504321.0	5410806.4
L4320.1	504321.0	5410808.2	53597.19922	321.62	0	48.850228	-86.941101	56308.13	56239.3	10.74	56318.87	56314.80078	56336.26410	56327.93359	504321.0	5410808.2
L4320.1	504320.9	5410810.0	53597.30078	319.66	0	48.850244	-86.941101	56308.25	56239.3	10.73	56318.99	56314.92969	56336.82375	56328.50000	504320.9	5410810.0
L4320.1	504320.9	5410810.0	53597.39844	320.35	0	48.850244	-86.941101	56308.56	56239.3	10.73	56319.29	56315.23828	56341.32895	56333.01172	504320.9	5410810.0
L4320.1	504320.9	5410811.2	53597.50000	319.64	0	48.850255	-86.941101	56308.41	56239.3	10.72	56319.13	56315.08594	56335.74735	56327.43750	504320.9	5410811.2
L4320.1	504320.9	5410813.1	53597.60156	321.80	0	48.850271	-86.941101	56308.69	56239.3	10.71	56319.40	56315.36719	56339.58216	56331.28125	504320.9	5410813.1
L4320.1	504320.9	5410814.8	53597.69922	321.65	0	48.850287	-86.941102	56308.43	56239.3	10.71	56319.14	56315.11719	56331.84075	56323.55078	504320.9	5410814.8
L4320.1	504320.9	5410814.8	53597.80078	322.85	0	48.850287	-86.941102	56308.89	56239.3	10.70	56319.59	56315.57813	56339.58759	56331.30469	504320.9	5410814.8
L4320.1	504320.9	5410816.2	53597.89844	324.14	0	48.850300	-86.941102	56308.61	56239.3	10.70	56319.31	56315.30859	56331.43032	56323.15625	504320.9	5410816.2
L4320.1	504320.9	5410817.9	53598.00000	325.83	0	48.850315	-86.941102	56309.04	56239.3	10.69	56319.73	56315.74219	56338.49138	56330.23047	504320.9	5410817.9
L4320.1	504320.8	5410819.2	53598.10156	325.97	0	48.850327	-86.941102	56308.71	56239.3	10.69	56319.40	56315.42578	56329.27040	56321.01953	504320.8	5410819.2
L4320.1	504320.8	5410821.2	53598.19922	323.94	0	48.850344	-86.941102	56309.40	56239.3	10.68	56320.08	56316.11719	56341.91583	56333.67578	504320.8	5410821.2
L4320.1	504320.8	5410821.2	53598.30078	324.50	0	48.850344	-86.941102	56309.04	56239.3	10.68	56319.72	56315.76953	56332.06815	56323.83984	504320.8	5410821.2
L4320.1	504320.8	5410823.1	53598.39844	322.65	0	48.850362	-86.941102	56309.64	56239.3	10.67	56320.32	56316.38281	56342.92095	56334.70313	504320.8	5410823.1
L4320.1	504320.8	5410824.3	53598.50000	321.86	0	48.850373	-86.941102	56309.04	56239.3	10.67	56319.71	56315.78516	56327.74052	56319.53906	504320.8	5410824.3
L4320.1	504320.8	5410824.3	53598.60156	322.78	0	48.850373	-86.941102	56309.71	56239.3	10.67	56320.37	56316.46094	56339.83865	56331.64844	504320.8	5410824.3
L4320.1	504320.9	5410825.6	53598.69922	323.23	0	48.850385	-86.941102	56309.63	56239.3	10.66	56320.30	56316.40625	56336.27556	56328.10156	504320.9	5410825.6
L4320.1	504320.9	5410827.0	53598.80078	323.79	0	48.850397	-86.941102	56309.87	56239.3	10.66	56320.53	56316.65234	56339.13532	56330.97266	504320.9	5410827.0
L4320.1	504320.9	5410827.0	53598.80078	323.79	0	48.850397	-86.941102	56309.76	56239.3	10.66	56320.42	56316.55469	56334.73548	56326.58594	504320.9	5410827.0
L4320.1	504320.9	5410828.6	53599.00000	320.90	0	48.850411	-86.941102	56309.92	56239.3	10.65	56320.57	56316.72266	56335.89281	56327.76172	504320.9	5410828.6
L4320.1	504320.9	5410830.4	53599.10156	322.01	0	48.850427	-86.941102	56309.98	56239.4	10.65	56320.63	56316.79688	56335.13442	56327.01953	504320.9	5410830.4
L4320.1	504320.9	5410832.0	53599.19922	321.82	0	48.850442	-86.941101	56310.43	56239.4	10.64	56321.07	56317.25391	56342.48807	56334.38672	504320.9	5410832.0
L4320.1	504320.9	5410832.0	53599.30078	321.04	0	48.850442	-86.941101	56310.72	56239.4	10.64	56321.36	56317.56250	56346.64530	56338.56250	504320.9	5410832.0
L4320.1	504320.9	5410833.7	53599.39844	320.76	0	48.850457	-86.941102	56310.63	56239.4	10.64	56321.27	56317.48828	56342.68671	56334.61719	504320.9	5410833.7
L4320.1	504320.9	5410835.4	53599.50000	320.60	0	48.850473	-86.941102	56310.48	56239.4	10.64	56321.11	56317.34375	56337.22534	56329.17578	504320.9	5410835.4

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4320.1	504320.9	5410835.4	53599.60156	320.68	0	48.850473	-86.941102	56310.34	56239.4	10.63	56320.98	56317.23438	56332.39796	56324.36719	504320.9	5410835.4
L4320.1	504320.8	5410837.6	53599.69922	321.59	0	48.850492	-86.941102	56310.58	56239.4	10.63	56321.21	56317.48047	56335.27146	56327.25781	504320.8	5410837.6
L4320.1	504320.8	5410838.7	53599.80078	322.13	0	48.850502	-86.941102	56310.66	56239.4	10.63	56321.28	56317.57031	56334.72186	56326.72656	504320.8	5410838.7
L4320.1	504320.8	5410838.7	53599.80078	322.13	0	48.850502	-86.941102	56310.86	56239.4	10.63	56321.49	56317.80078	56337.17260	56329.19531	504320.8	5410838.7
L4320.1	504320.8	5410840.2	53600.00000	323.53	0	48.850516	-86.941102	56310.88	56239.4	10.62	56321.50	56317.82813	56335.33692	56327.38281	504320.8	5410840.2
L4320.1	504320.8	5410842.2	53600.10156	323.12	0	48.850534	-86.941102	56311.06	56239.4	10.62	56321.68	56318.02734	56337.14707	56329.21094	504320.8	5410842.2
L4320.1	504320.8	5410842.2	53600.19922	324.19	0	48.850534	-86.941102	56311.01	56239.4	10.61	56321.62	56317.98828	56333.81118	56325.89844	504320.8	5410842.2
L4320.1	504320.8	5410845.2	53600.30078	324.42	0	48.850561	-86.941102	56311.19	56239.4	10.61	56321.80	56318.18750	56335.62447	56327.73047	504320.8	5410845.2
L4320.1	504320.8	5410845.2	53600.39844	324.85	0	48.850561	-86.941102	56311.42	56239.4	10.60	56322.02	56318.42969	56338.29536	56330.42188	504320.8	5410845.2
L4320.1	504320.8	5410847.0	53600.50000	325.13	0	48.850576	-86.941102	56311.27	56239.4	10.60	56321.86	56318.28906	56332.83286	56324.98438	504320.8	5410847.0
L4320.1	504320.8	5410849.0	53600.60156	323.71	0	48.850595	-86.941102	56311.80	56239.4	10.59	56322.39	56318.83984	56342.13016	56334.30469	504320.8	5410849.0
L4320.1	504320.8	5410849.0	53600.69922	323.04	0	48.850595	-86.941102	56311.49	56239.4	10.58	56322.08	56318.55469	56333.49129	56325.68750	504320.8	5410849.0
L4320.1	504320.8	5410850.7	53600.80078	322.16	0	48.850610	-86.941102	56311.90	56239.4	10.58	56322.48	56318.97656	56339.99185	56332.21094	504320.8	5410850.7
L4320.1	504320.8	5410852.5	53600.80078	322.16	0	48.850626	-86.941102	56311.98	56239.4	10.58	56322.56	56319.07813	56339.68018	56331.92578	504320.8	5410852.5
L4320.1	504320.8	5410852.5	53601.00000	320.09	0	48.850626	-86.941102	56311.98	56239.4	10.57	56322.55	56319.08984	56337.48066	56329.75000	504320.8	5410852.5
L4320.1	504320.8	5410854.3	53601.10156	318.78	0	48.850642	-86.941102	56312.28	56239.4	10.57	56322.85	56319.41406	56341.81424	56334.10938	504320.8	5410854.3
L4320.1	504320.8	5410854.3	53601.19922	319.26	0	48.850642	-86.941102	56312.14	56239.4	10.56	56322.71	56319.29688	56336.93806	56329.25781	504320.8	5410854.3
L4320.1	504320.8	5410856.0	53601.30078	321.49	0	48.850658	-86.941102	56312.48	56239.4	10.56	56323.04	56319.64844	56341.88079	56334.22656	504320.8	5410856.0
L4320.1	504320.8	5410857.3	53601.39844	319.42	0	48.850669	-86.941102	56312.31	56239.4	10.56	56322.87	56319.50391	56336.49098	56328.86328	504320.8	5410857.3
L4320.1	504320.8	5410857.3	53601.50000	320.86	0	48.850669	-86.941102	56312.83	56239.4	10.56	56323.38	56320.03906	56345.11531	56337.51563	504320.8	5410857.3
L4320.1	504320.9	5410859.5	53601.60156	320.57	0	48.850689	-86.941101	56312.56	56239.4	10.55	56323.12	56319.80078	56338.01193	56330.44141	504320.9	5410859.5
L4320.1	504320.9	5410860.9	53601.69922	321.95	0	48.850702	-86.941101	56312.82	56239.5	10.55	56323.37	56320.07813	56341.34786	56333.80469	504320.9	5410860.9
L4320.1	504320.9	5410860.9	53601.80078	321.33	0	48.850702	-86.941101	56313.16	56239.5	10.55	56323.71	56320.44141	56346.50804	56338.99219	504320.9	5410860.9
L4320.1	504320.9	5410862.4	53601.89844	320.43	0	48.850716	-86.941101	56313.06	56239.5	10.54	56323.60	56320.35547	56342.66860	56335.18359	504320.9	5410862.4
L4320.1	504320.9	5410864.2	53602.00000	319.23	0	48.850731	-86.941101	56313.25	56239.5	10.54	56323.79	56320.57031	56344.90895	56337.45313	504320.9	5410864.2
L4320.1	504320.9	5410865.5	53602.10156	319.59	0	48.850744	-86.941100	56313.28	56239.5	10.54	56323.82	56320.62891	56344.02193	56336.59766	504320.9	5410865.5
L4320.1	504320.9	5410867.0	53602.19922	318.71	0	48.850757	-86.941100	56313.43	56239.5	10.54	56323.97	56320.80469	56345.59010	56338.19531	504320.9	5410867.0
L4320.1	504320.9	5410867.0	53602.30078	319.33	0	48.850757	-86.941100	56313.26	56239.5	10.54	56323.80	56320.66016	56340.87405	56333.51172	504320.9	5410867.0
L4320.1	504321.0	5410868.8	53602.39844	320.03	0	48.850773	-86.941100	56313.79	56239.5	10.54	56324.33	56321.21484	56350.11063	56342.77734	504321.0	5410868.8
L4320.1	504321.0	5410870.3	53602.50000	321.09	0	48.850787	-86.941100	56313.46	56239.5	10.54	56323.99	56320.90234	56342.16871	56334.86719	504321.0	5410870.3
L4320.1	504321.0	5410870.3	53602.60156	320.48	0	48.850787	-86.941100	56314.00	56239.5	10.53	56324.53	56321.46875	56351.73488	56344.46875	504321.0	5410870.3
L4320.1	504321.0	5410871.9	53602.69922	320.34	0	48.850801	-86.941100	56313.48	56239.5	10.53	56324.02	56320.98828	56340.56640	56333.33203	504321.0	5410871.9
L4320.1	504321.0	5410873.3	53602.80078	320.18	0	48.850813	-86.941100	56313.92	56239.5	10.53	56324.45	56321.44531	56348.08937	56340.89063	504321.0	5410873.3
L4320.1	504321.0	5410873.3	53602.80078	320.18	0	48.850813	-86.941100	56313.54	56239.5	10.53	56324.07	56321.09375	56339.63760	56332.47266	504321.0	5410873.3
L4320.1	504321.0	5410874.8	53603.00000	320.34	0	48.850827	-86.941100	56313.97	56239.5	10.53	56324.50	56321.55078	56347.28963	56340.16016	504321.0	5410874.8
L4320.1	504321.0	5410876.0	53603.10156	320.08	0	48.850838	-86.941099	56313.87	56239.5	10.53	56324.40	56321.47656	56344.52848	56337.43750	504321.0	5410876.0
L4320.1	504321.0	5410877.9	53603.19922	321.88	0	48.850855	-86.941099	56313.69	56239.5	10.52	56324.21	56321.31641	56340.07757	56333.02344	504321.0	5410877.9
L4320.1	504321.0	5410879.8	53603.30078	321.52	0	48.850872	-86.941099	56313.92	56239.5	10.52	56324.44	56321.57422	56343.98730	56336.96875	504321.0	5410879.8
L4320.1	504321.0	5410881.0	53603.39844	321.84	0	48.850883	-86.941099	56314.02	56239.5	10.51	56324.54	56321.70313	56345.41172	56338.42969	504321.0	5410881.0
L4320.1	504321.0	5410881.0	53603.50000	319.11	0	48.850883	-86.941099	56313.91	56239.5	10.51	56324.42	56321.61328	56342.61266	56335.66797	504321.0	5410881.0
L4320.1	504321.0	5410882.8	53603.60156	321.09	0	48.850898	-86.941099	56313.97	56239.5	10.51	56324.48	56321.70313	56343.43541	56336.53125	504321.0	5410882.8
L4320.1	504321.1	5410884.5	53603.69922	321.39	0	48.850914	-86.941098	56314.15	56239.5	10.50	56324.65	56321.90234	56346.49224	56339.62891	504321.1	5410884.5
L4320.1	504321.1	5410886.0	53603.80078	322.01	0	48.850927	-86.941098	56313.82	56239.5	10.50	56324.32	56321.60156	56339.93718	56333.11328	504321.1	5410886.0
L4320.1	504321.1	5410886.0	53603.89844	321.35	0	48.850927	-86.941098	56314.02	56239.5	10.49	56324.52	56321.83203	56343.77878	56336.99609	504321.1	5410886.0
L4320.1	504321.1	5410887.5	53604.00000	321.31	0	48.850941	-86.941098	56314.33	56239.5	10.49	56324.82	56322.16016	56349.64437	56342.90234	504321.1	5410887.5
L4320.1	504321.1	5410889.2	53604.10156	321.56	0	48.850957	-86.941098	56314.10	56239.5	10.49	56324.59	56321.96094	56345.39707	56338.69922	504321.1	5410889.2
L4320.1	504321.1	5410889.2	53604.19922	320.08	0	48.850957	-86.941098	56314.05	56239.5	10.49	56324.53	56321.93359	56344.55787	56337.90234	504321.1	5410889.2
L4320.1	504321.2	5410891.5	53604.30078	318.89	0	48.850977	-86.941097	56314.07	56239.5	10.48	56324.55	56321.98438	56345.38608	56338.77344	504321.2	5410891.5
L4320.1	504321.2	5410893.0	53604.39844	320.36	0	48.850991	-86.941097	56313.97	56239.5	10.48	56324.45	56321.91406	56344.04011	56337.47266	504321.2	5410893.0
L4320.1	504321.2	5410893.0	53604.50000	318.91	0	48.850991	-86.941097	56314.15	56239.5	10.48	56324.63	56322.12500	56348.21138	56341.68750	504321.2	5410893.0
L4320.1	504321.2	5410895.1	53604.60156	317.84	0	48.851009	-86.941096	56314.25	56239.5	10.48	56324.73	56322.25781	56350.99109	56344.51563	504321.2	5410895.1
L4320.1	504321.2	5410895.1	53604.69922	317.20	0	48.851009	-86.941096	56313.82	56239.5	10.48	56324.30	56321.85938	56343.70241	56337.27344	504321.2	5410895.1
L4320.1	504321.2	5410897.4	53604.80078	318.10	0	48.851030	-86.941096	56314.23	56239.5	10.47	56324.70	56322.28906	56352.57826	56346.19531	504321.2	5410897.4
L4320.1	504321.3	5410899.1	53604.80078	318.10	0	48.851046	-86.941095	56313.69	56239.5	10.47	56324.17	56321.79297	56343.60741	56337.27344	504321.3	5410899.1
L4320.1	504321.3	5410899.1	53605.00000	320.75	0	48.851046	-86.941095	56313.95	56239.5	10.47	56324.42	56322.07422	56349.92581	56343.64063	504321.3	5410899.1
L4320.1	504321.3	5410900.7	53605.10156	321.10	0	48.851060	-86.941095	56313.68	56239.5	10.47	56324.15	56321.83594	56346.26668	56340.03125	504321.3	5410900.7
L4320.1	504321.3	5410902.5	53605.19922	321.12	0	48.851076	-86.941095	56313.64	56239.5	10.47	56324.11	56321.82813	56347.25907	56341.07422	504321.3	5410902.5
L4320.1	504321.3	5410902.5	53605.30078	320.15	0	48.851076	-86.941095	56313.64	56239.5	10.47	56324.11	56321.85938	56349.21594	56343.08203	504321.3	5410902.5
L4320.1	504321.3	5410904.2	53605.39844	321.72	0	48.851092	-86.941094	56313.25	56239.5	10.47	56323.72	56321.50391	56343.55289	56337.46875	504321.3	5410904.2
L4320.1	504321.4	5410906.1	53605.50000	320.99	0	48.851108	-86.941094	56313.34	56239.5	10.47	56323.81	56321.62500	56347.64080	56341.60938	504321.4	5410906.1
L4320.1	504321.4	5410906.1	53605.60156	322.78	0	48.851108	-86.941094	56313.28	56239.5	10.47	56323.75	56321.59766	56348.89661	56342.91797	504321.4	5410906.1
L4320.1	504321.4	5410907.6	53605.69922	322.48	0	48.851122	-86.941093	56313.16	56239.5	10.47	56323.63	56321.51172	56349.09265	56343.17188	504321.4	5410907.6
L4320.1	504321.4	5410909.3	53605.80078	319.95	0	48.851137	-86.941093	56313.06	56239.5	10.47	56323.53	56321.44531	56349.85118	56343.98438	504321.4	5410909.3
L4320.1	504321.5	5410911.2	53605.89844	321.95	0	48.851154	-86.941093	56313.00	56239.5	10.47	56323.47	56321.41797	56351.59365	56345.78125	504321.5	5410911.2
L4320.1	504321.5	5410911.2	53606.00000	322.65	0	48.851154	-86.941093	56312.46	56239.5	10.47	56322.93	56320.91406	56343.41502	56337.66016	504321.5	5410911.2
L4320.1	504321.5	5410912.7	53606.10156	322.74	0	48.851168	-86.941092	56312.77	56239.5	10.47	56323.24	56321.25781	56353.22709	56347.52734	504321.5	5410912.7
L4320.1	504321.5	5410914.3	53606.19922	322.21	0	48.851183	-86.941092	56312.28	56239.5	10.47	56322.75	56320.80078	56346.27863	56340.63672	504321.5	5410914.3
L4320.1	504321.5	5410914.3	53606.30078	322.06	0	48.851183	-86.941092	56312.41	56239.5	10.47	56322.88	56320.96484	56352.62259	56347.03906	504321.5	5410914.3
L4320.1	504321.5	5410915.6	53606.39844	321.90	0	48.851194	-86.941092	56312.06	56239.5	10.47	56322.53	56320.65234	56348.86097	56343.33594	504321.5	5410915.6
L4320.1	504321.5	5410916.9	53606.50000	324.40	0	48.851206	-86.941092	56311.98	56239.5	10.47	56322.45	56320.60547	56351.00245	56345.53906	504321.5	5410916.9
L4320.1	504321.5	5410918.6	53606.60156	325.62	0	48.851220	-86.941092	56311.65	56239.5	10.47	56322.12	56320.31250	56347.91026	56342.50781	504321.5	5410918.6
L4320.1	504321.5	5410920.4	53606.69922	323.78	0	48.851237	-86.941092	56311.09	56239.5	10.47	56321.56	56319.78516	56340.00045	56334.66016	504321.5	5410920.4
L4320.1	504321.5	5410920.4	53606.80078	323.94	0	48.851237	-86.941092	56311.29	56239.5	10.47	56321.76	56320.02344	56348.57956	56343.30078	504321.5	5410920.4
L4320.1	504321.5	5410922.0	53606.80078	323.94	0	48.851251	-86.941092	56310.65	56239.5	10.47	56321.12	56319.41797	56339.22597	56334.01172	504321.5	5410922.0
L4320.1	504321.5	5410923.6	53607.00000	324.53	0	48.851266	-86.941092	56310.66	56239.5	10.47	56321.13	56319.46484	56344.00770	56338.85547	504321.5	5410923.6
L4320.1	504321.5	5410923.6	53607.10156	323.46	0	48.851266	-86.941092	56310.48	56239.5	10.47	56320.95	56319.32031	56344.84737	56339.76172	504321.5	5410923.6
L4320.1	504321.5	5410925.1	53607.19922	322.51	0	48.851279	-86.941091	56309.93	56239.5	10.47	56320.41	56318.81641	56338.09067	56333.07031	504321.5	5410925.1
L4320.1	504321.5	5410927.2	53607.30078	320.44	0	48.851298	-86.941091	56310.14	56239.5	10.47	56320.61	56319.05078	56347.40426	56342.44922	504321.5	5410927.2
L4320.1	504321.5	5410928.8	53607.39844	320.31	0	48.851313	-86.941091	56309.66	56239.5	10.47	56320.14	56318.61719	56342.45089	56337.56250	504321.5	5410928.8
L4320.1	504321.5	5410928.8	53607.50000	320.93	0	48.851313	-86.941091	56309.40	56239.5	10.48	56319.87	56318.38672	56341.94705	56337.12500	504321.5	5410928.8
L4320.1	504321.6	5410931.1	53607.60156	321.99	0	48.851333	-86.941091	56309.38	56239.5	10.48	56319.85	56318.40234	56346.96936	56342.21484	504321.6	5410931.1
L4320.1	504321.6	5410931.1	53607.69922	321.09	0	48.851333	-86.941091	56308.64	56239.5	10.48	56319.12	56317.71094	56336.84321	56332.15625	504321.6	5410931.1
L4320.1	504321.6	5410932.9	53607.80078	322.15	0	48.851350	-86.941091	56308.69	56239.5	10.48	56319.17	56317.79688	56343.65133	56339.03516	504321.6	5410932.9
L4320.1	504321.6	5410932.9	53607.89844	320.85	0	48.851350	-86.941091	56308.38	56239.5	10.48	56318.86	56317.52734	56342.83547	56338.28906	504321.6	5410932.9
L4320.1	504321.6	5410934.9	53608.00000	320.57	0	48.851368	-86.941090	56308.16	56239.5	10.48	56318.64	56317.34375	56344.08542	56339.60938	504321.6	5410934.9
L4320.1	504321.6	5410936.5	53608.10156	321.31	0	48.851381	-86.941090	56307.75	56239.5	10.48	56318.23	56316.97266	56341.36849	56336.96484	504321.6	5410936.5
L4320.1	504321.6	5410938.3	53608.19922	321.78	0	48.851398	-86.941090	56307.46	56239.5	10.49	56317.94	56316.72266	56341.35875	56337.02734	504321.6	5410938.3
L4320.1	504321.6	5410938.3	53608.30078	321.13	0	48.851398	-86.941090	56307.16	56239.5	10.49	56317.65	56316.47266	56341.46895	56337.20703	504321.6	5410938.3
L4320.1	504321.7	5410940.0	53608.39844	323.56	0	48.851414	-86.941089	56306.72	56239.5	10.49	56317.21	56316.07031	56338.48005	56334.29297	504321.7	5410940.0
L4320.1	504321.7	5410941.5	53608.50000	323.10	0	48.851427	-86.941089	56306.72	56239.5	10.50	56317.21	56316.10938	56345.04006	56340.92578	504321.7	5410941.5
L4320.1	504321.7	5410943.2	53608.60156	323.75	0	48.851443	-86.941089	56306.14	56239.5	10.50	56316.64	56315.57813	56339.50959	56335.46875	504321.7	5410943.2
L4320.1	504321.7	5410943.2	53608.69922	324.02	0	48.851443	-86.941089	56305.86	56239.5	10.50	56316.36	56315.33984	56340.30281	56336.33984	504321.7	5410943.2
L4320.1	504321.7	5410944.6	53608.80078	324.74	0	48.851455	-86.941089	56305.35	56239.5	10.50	56315.85	56314.87109	56336.31047	56332.42188	504321.7	5410944.6

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4320.1	504321.7	5410946.5	53608.80078	324.74	0	48.851472	-86.941089	56305.14	56239.5	10.50	56315.65	56314.71094	56339.03409	56335.21875	504321.7	5410946.5
L4320.1	504321.7	5410948.0	53609.00000	324.84	0	48.851486	-86.941088	56304.56	56239.5	10.51	56315.07	56314.17188	56333.79803	56330.06250	504321.7	5410948.0
L4320.1	504321.7	5410948.0	53609.10156	323.60	0	48.851486	-86.941088	56304.57	56239.5	10.51	56315.08	56314.22266	56341.17735	56337.51563	504321.7	5410948.0
L4320.1	504321.7	5410949.2	53609.19922	322.37	0	48.851496	-86.941088	56303.86	56239.5	10.51	56314.37	56313.55469	56333.42424	56329.83984	504321.7	5410949.2
L4320.1	504321.8	5410951.0	53609.30078	321.71	0	48.851512	-86.941088	56303.74	56239.5	10.51	56314.25	56313.47656	56338.23834	56334.73438	504321.8	5410951.0
L4320.1	504321.8	5410951.0	53609.39844	321.11	0	48.851512	-86.941088	56303.07	56239.5	10.51	56313.58	56312.85156	56331.57047	56328.14453	504321.8	5410951.0
L4320.1	504321.8	5410953.1	53609.50000	320.60	0	48.851531	-86.941088	56302.64	56239.5	10.51	56313.15	56312.46484	56330.06808	56326.71875	504321.8	5410953.1
L4320.1	504321.8	5410954.3	53609.60156	320.63	0	48.851542	-86.941087	56302.18	56239.5	10.51	56312.69	56312.04688	56328.04632	56324.77734	504321.8	5410954.3
L4320.1	504321.8	5410954.3	53609.69922	319.71	0	48.851542	-86.941087	56301.95	56239.5	10.51	56312.46	56311.85938	56330.93758	56327.75000	504321.8	5410954.3
L4320.1	504321.8	5410956.2	53609.80078	321.05	0	48.851559	-86.941087	56301.54	56239.5	10.51	56312.05	56311.49219	56330.16696	56327.05859	504321.8	5410956.2
L4320.1	504321.8	5410957.9	53609.89844	319.90	0	48.851574	-86.941087	56301.39	56239.5	10.51	56311.90	56311.38672	56334.91614	56331.88672	504321.8	5410957.9
L4320.1	504321.8	5410957.9	53610.00000	320.54	0	48.851574	-86.941087	56300.90	56239.5	10.51	56311.41	56310.94141	56332.68283	56329.73438	504321.8	5410957.9
L4320.1	504321.9	5410959.7	53610.10156	321.12	0	48.851591	-86.941086	56300.44	56239.5	10.51	56310.96	56310.53906	56331.38648	56328.51953	504321.9	5410959.7
L4320.1	504321.9	5410961.5	53610.19922	321.96	0	48.851607	-86.941086	56300.16	56239.5	10.52	56310.68	56310.30469	56333.73120	56330.94531	504321.9	5410961.5
L4320.1	504321.9	5410963.1	53610.30078	322.10	0	48.851621	-86.941086	56299.56	56239.5	10.53	56310.08	56309.75000	56329.51083	56326.80469	504321.9	5410963.1
L4320.1	504321.9	5410963.1	53610.39844	321.99	0	48.851621	-86.941086	56298.99	56239.5	10.53	56309.52	56309.23438	56326.21241	56323.58594	504321.9	5410963.1
L4320.1	504321.9	5410965.2	53610.50000	322.90	0	48.851640	-86.941086	56298.70	56239.5	10.53	56309.24	56309.00391	56328.85004	56326.30859	504321.9	5410965.2
L4320.1	504321.9	5410966.7	53610.60156	322.87	0	48.851654	-86.941086	56297.92	56239.5	10.54	56308.46	56308.26953	56321.11880	56318.65625	504321.9	5410966.7
L4320.1	504321.9	5410966.7	53610.69922	321.93	0	48.851654	-86.941086	56297.84	56239.5	10.54	56308.38	56308.23828	56328.12864	56325.75000	504321.9	5410966.7
L4320.1	504321.9	5410968.4	53610.80078	324.06	0	48.851668	-86.941085	56297.05	56239.5	10.55	56307.60	56307.50391	56320.53645	56318.24219	504321.9	5410968.4
L4320.1	504322.0	5410969.9	53610.80078	324.06	0	48.851682	-86.941085	56296.79	56239.5	10.55	56307.33	56307.28516	56323.73191	56321.51953	504322.0	5410969.9
L4320.1	504321.9	5410971.2	53611.00000	325.25	0	48.851694	-86.941085	56296.29	56239.4	10.56	56306.85	56306.85156	56322.58653	56320.45313	504321.9	5410971.2
L4320.1	504321.9	5410971.2	53611.10156	324.52	0	48.851694	-86.941085	56295.91	56239.4	10.56	56306.47	56306.52344	56323.61951	56321.57031	504321.9	5410971.2
L4320.1	504322.0	5410973.0	53611.19922	323.71	0	48.851710	-86.941085	56295.32	56239.4	10.56	56305.88	56305.98047	56320.29433	56318.32813	504322.0	5410973.0
L4320.1	504322.0	5410974.9	53611.30078	321.75	0	48.851727	-86.941085	56294.83	56239.4	10.57	56305.39	56305.54297	56319.14703	56317.26563	504322.0	5410974.9
L4320.1	504322.0	5410974.9	53611.39844	320.94	0	48.851727	-86.941085	56294.24	56239.4	10.57	56304.81	56305.01172	56316.17347	56314.37109	504322.0	5410974.9
L4320.1	504322.0	5410976.4	53611.50000	319.79	0	48.851740	-86.941085	56294.22	56239.4	10.57	56304.79	56305.04297	56325.06261	56323.34375	504322.0	5410976.4
L4320.1	504322.0	5410978.4	53611.60156	321.21	0	48.851759	-86.941085	56293.33	56239.4	10.57	56303.90	56304.20703	56315.70758	56314.07031	504322.0	5410978.4
L4320.1	504322.0	5410978.4	53611.69922	321.61	0	48.851759	-86.941085	56293.14	56239.4	10.57	56303.72	56304.07813	56321.35838	56319.80469	504322.0	5410978.4
L4320.1	504322.0	5410980.0	53611.80078	323.41	0	48.851773	-86.941085	56292.39	56239.4	10.58	56302.96	56303.37109	56314.89521	56313.42578	504322.0	5410980.0
L4320.1	504322.0	5410981.6	53611.89844	323.62	0	48.851788	-86.941085	56292.20	56239.4	10.58	56302.78	56303.24219	56320.68247	56319.29297	504322.0	5410981.6
L4320.1	504322.0	5410983.3	53612.00000	321.43	0	48.851802	-86.941085	56291.36	56239.4	10.58	56301.94	56302.45703	56312.69144	56311.38672	504322.0	5410983.3
L4320.1	504322.0	5410983.3	53612.10156	320.38	0	48.851802	-86.941085	56291.02	56239.4	10.58	56301.60	56302.17188	56315.26626	56314.04297	504322.0	5410983.3
L4320.1	504322.0	5410985.1	53612.19922	320.86	0	48.851819	-86.941085	56290.72	56239.4	10.59	56301.31	56301.93359	56318.97048	56317.82813	504322.0	5410985.1
L4320.1	504322.0	5410986.5	53612.30078	319.98	0	48.851832	-86.941084	56290.39	56239.4	10.59	56300.98	56301.66016	56321.91848	56320.85938	504322.0	5410986.5
L4320.1	504322.0	5410986.5	53612.39844	320.88	0	48.851832	-86.941084	56289.90	56239.4	10.59	56300.49	56301.22656	56321.57512	56320.59766	504322.0	5410986.5
L4320.1	504322.0	5410988.0	53612.50000	321.30	0	48.851845	-86.941084	56289.39	56239.4	10.60	56299.99	56300.78125	56321.09029	56320.19141	504322.0	5410988.0
L4320.1	504322.0	5410989.4	53612.60156	321.69	0	48.851858	-86.941084	56288.61	56239.4	10.60	56299.21	56300.05859	56314.72383	56313.90625	504322.0	5410989.4
L4320.1	504322.0	5410990.9	53612.69922	322.82	0	48.851872	-86.941084	56288.32	56239.4	10.60	56298.92	56299.82422	56318.82466	56318.08984	504322.0	5410990.9
L4320.1	504322.0	5410992.2	53612.80078	321.95	0	48.851883	-86.941084	56287.48	56239.4	10.60	56298.08	56299.03906	56311.24633	56310.58984	504322.0	5410992.2
L4320.1	504322.0	5410992.2	53612.80078	321.95	0	48.851883	-86.941084	56287.42	56239.4	10.60	56298.03	56299.04688	56320.64111	56320.06641	504322.0	5410992.2
L4320.1	504322.0	5410993.8	53613.00000	321.40	0	48.851897	-86.941084	56286.36	56239.4	10.61	56296.97	56298.04688	56308.37749	56307.88281	504322.0	5410993.8
L4320.1	504322.0	5410995.2	53613.10156	322.45	0	48.851910	-86.941084	56285.95	56239.4	10.62	56296.56	56297.69531	56310.14398	56309.72656	504322.0	5410995.2
L4320.1	504322.1	5410996.4	53613.19922	322.91	0	48.851921	-86.941084	56285.44	56239.4	10.62	56296.06	56297.25391	56310.01534	56309.67969	504322.1	5410996.4
L4320.1	504322.1	5410996.4	53613.30078	324.64	0	48.851921	-86.941084	56284.82	56239.4	10.63	56295.45	56296.70313	56307.53188	56307.27344	504322.1	5410996.4
L4320.1	504322.1	5410998.2	53613.39844	324.34	0	48.851937	-86.941083	56284.40	56239.4	10.63	56295.03	56296.34375	56309.22761	56309.04688	504322.1	5410998.2
L4320.1	504322.1	5411000.1	53613.50000	324.16	0	48.851954	-86.941083	56284.01	56239.4	10.64	56294.65	56296.02344	56311.84561	56311.74219	504322.1	5411000.1
L4320.1	504322.1	5411001.2	53613.60156	325.01	0	48.851964	-86.941083	56283.17	56239.4	10.65	56293.81	56295.24219	56304.40646	56304.38281	504322.1	5411001.2
L4320.1	504322.1	5411001.2	53613.69922	323.04	0	48.851964	-86.941083	56282.71	56239.3	10.65	56293.36	56294.85547	56305.54892	56305.60156	504322.1	5411001.2
L4320.1	504322.1	5411003.2	53613.80078	324.50	0	48.851982	-86.941082	56282.28	56239.3	10.66	56292.93	56294.48438	56307.16162	56307.28906	504322.1	5411003.2
L4320.1	504322.1	5411003.2	53613.89844	324.53	0	48.851982	-86.941082	56281.66	56239.3	10.66	56292.32	56293.93750	56304.83689	56305.03906	504322.1	5411003.2
L4320.1	504322.1	5411004.7	53614.00000	324.10	0	48.851995	-86.941082	56280.95	56239.3	10.67	56291.62	56293.30078	56300.55203	56300.83203	504322.1	5411004.7
L4320.1	504322.2	5411006.5	53614.10156	322.42	0	48.852012	-86.941082	56280.77	56239.3	10.67	56291.44	56293.18359	56307.72868	56308.08203	504322.2	5411006.5
L4320.1	504322.2	5411008.2	53614.19922	323.56	0	48.852027	-86.941082	56280.03	56239.3	10.68	56290.70	56292.50391	56302.60211	56303.02734	504322.2	5411008.2
L4320.1	504322.2	5411008.2	53614.30078	322.27	0	48.852027	-86.941082	56279.42	56239.3	10.68	56290.10	56291.96875	56300.57381	56301.07422	504322.2	5411008.2
L4320.1	504322.2	5411009.9	53614.39844	321.66	0	48.852042	-86.941082	56279.08	56239.3	10.68	56289.76	56291.69141	56304.25535	56304.82813	504322.2	5411009.9
L4320.1	504322.2	5411011.6	53614.50000	322.93	0	48.852057	-86.941082	56278.48	56239.3	10.68	56289.16	56291.15625	56302.25087	56302.89453	504322.2	5411011.6
L4320.1	504322.2	5411011.6	53614.60156	322.71	0	48.852057	-86.941082	56277.75	56239.3	10.69	56288.44	56290.50000	56297.64824	56298.36328	504322.2	5411011.6
L4320.1	504322.2	5411012.9	53614.69922	321.21	0	48.852070	-86.941082	56277.22	56239.3	10.69	56287.91	56290.03516	56297.20227	56297.98828	504322.2	5411012.9
L4320.1	504322.2	5411014.5	53614.80078	323.75	0	48.852084	-86.941081	56276.61	56239.3	10.69	56287.31	56289.50000	56295.24497	56296.10156	504322.2	5411014.5
L4320.1	504322.2	5411016.0	53614.80078	323.75	0	48.852097	-86.941081	56276.20	56239.3	10.69	56286.89	56289.14453	56297.18866	56298.11328	504322.2	5411016.0
L4320.1	504322.2	5411016.0	53615.00000	322.60	0	48.852097	-86.941081	56275.77	56239.3	10.70	56286.47	56288.78906	56299.12031	56300.11328	504322.2	5411016.0
L4320.1	504322.2	5411018.1	53615.10156	320.52	0	48.852116	-86.941082	56275.18	56239.3	10.70	56285.88	56288.26563	56297.38398	56298.44531	504322.2	5411018.1
L4320.1	504322.2	5411019.6	53615.19922	319.95	0	48.852129	-86.941082	56274.52	56239.3	10.71	56285.22	56287.67188	56294.14985	56295.27734	504322.2	5411019.6
L4320.1	504322.2	5411019.6	53615.30078	322.87	0	48.852129	-86.941082	56273.88	56239.3	10.71	56284.59	56287.10547	56291.56443	56292.75781	504322.2	5411019.6
L4320.1	504322.1	5411021.4	53615.39844	322.40	0	48.852145	-86.941082	56273.50	56239.3	10.71	56284.21	56286.79297	56294.31367	56295.57422	504322.1	5411021.4
L4320.1	504322.1	5411022.7	53615.50000	324.12	0	48.852157	-86.941083	56272.70	56239.3	10.72	56283.41	56286.05859	56288.09868	56289.42188	504322.1	5411022.7
L4320.1	504322.1	5411023.9	53615.60156	323.15	0	48.852168	-86.941083	56271.96	56239.3	10.72	56282.68	56285.39453	56283.38359	56284.77344	504322.1	5411023.9
L4320.1	504322.1	5411023.9	53615.69922	321.76	0	48.852168	-86.941083	56271.63	56239.3	10.72	56282.35	56285.13281	56287.14595	56288.59766	504322.1	5411023.9
L4320.1	504322.0	5411025.5	53615.80078	322.75	0	48.852183	-86.941084	56271.05	56239.3	10.72	56281.77	56284.61719	56285.58771	56287.10156	504322.0	5411025.5
L4320.1	504322.0	5411027.3	53615.89844	323.16	0	48.852199	-86.941084	56270.64	56239.3	10.73	56281.37	56284.28516	56287.81528	56289.39063	504322.0	5411027.3
L4320.1	504321.9	5411028.7	53616.00000	323.15	0	48.852212	-86.941085	56270.25	56239.3	10.73	56280.98	56283.96094	56290.22780	56291.86328	504321.9	5411028.7
L4320.1	504321.9	5411028.7	53616.10156	322.27	0	48.852212	-86.941085	56269.82	56239.3	10.74	56280.56	56283.60547	56291.98328	56293.67969	504321.9	5411028.7
L4320.1	504321.9	5411030.2	53616.19922	322.37	0	48.852225	-86.941085	56269.18	56239.3	10.74	56279.92	56283.03516	56289.07875	56290.83203	504321.9	5411030.2
L4320.1	504321.9	5411031.7	53616.30078	322.57	0	48.852238	-86.941086	56268.54	56239.3	10.75	56279.29	56282.46875	56286.36123	56288.17188	504321.9	5411031.7
L4320.1	504321.9	5411031.7	53616.39844	322.08	0	48.852238	-86.941086	56268.01	56239.3	10.75	56278.76	56282.00781	56285.72521	56287.59375	504321.9	5411031.7
L4320.1	504321.8	5411033.8	53616.50000	320.25	0	48.852258	-86.941086	56267.34	56239.2	10.76	56278.10	56281.41406	56282.31484	56284.23828	504321.8	5411033.8
L4320.1	504321.8	5411035.3	53616.60156	320.23	0	48.852271	-86.941086	56266.83	56239.2	10.76	56277.59	56280.96875	56282.03879	56284.01563	504321.8	5411035.3
L4320.1	504321.8	5411036.7	53616.69922	321.21	0	48.852283	-86.941086	56266.18	56239.2	10.76	56276.95	56280.39453	56278.97751	56281.01172	504321.8	5411036.7
L4320.1	504321.8	5411036.7	53616.80078	321.67	0	48.852283	-86.941086	56265.91	56239.2	10.77	56276.68	56280.19141	56283.72042	56285.80469	504321.8	5411036.7
L4320.1	504321.8	5411038.5	53616.80078	321.67	0	48.852300	-86.941086	56265.04	56239.2	10.77	56275.81	56279.38672	56275.69993	56277.83594	504321.8	5411038.5
L4320.1	504321.8	5411038.5	53617.00000	321.84	0	48.852300	-86.941086	56264.57	56239.2	10.78	56275.35	56278.99219	56276.34024	56278.52734	504321.8	5411038.5
L4320.1	504321.8	5411040.8	53617.10156	322.38	0	48.852320	-86.941086	56264.36	56239.2	10.79	56275.14	56278.84766	56282.26901	56284.50781	504321.8	5411040.8
L4320.1	504321.8	5411042.4	53617.19922	322.85	0	48.852334	-86.941086	56263.65	56239.2	10.79	56274.44	56278.21094	56277.72747	56280.01563	504321.8	5411042.4
L4320.1	504321.8	5411042.4	53617.30078	323.64	0	48.852334	-86.941086	56263.01	56239.2	10.80	56273.81	56277.64844	56274.63050	56276.96875	504321.8	5411042.4
L4320.1	504321.8	5411044.2	53617.39844	323.53	0	48.852351	-86.941086	56262.81	56239.2	10.80	56273.61	56277.51172	56280.67770	56283.06250	504321.8	5411044.2
L4320.1	504321.8	5411045.9	53617.50000	323.56	0	48.852366	-86.941086	56262.18	56239.2	10.81	56272.99	56276.95703	56277.71266	56280.14453	504321.8	5411045.9
L4320.1	504321.9	5411047.8	53617.60156	325.14	0	48.852383	-86.941086	56261.64	56239.2	10.82	56272.45	56276.48047	56276.41486	56278.89063	504321.9	5411047.8
L4320.1	504321.9	5411050.0	53617.69922	324.33	0	48.852403	-86.941086	56261.57	56239.2	10.82	56272.40	56276.49219	56285.58872	56288.10938	504321.9	5411050.0
L4320.1	504321.9	5411050.0	53617.80078	323.45	0	48.852403	-86.941086	56260.82	56239.2	10.83	56271.65	56275.80469	56279.70655	56282.26953	504321.9	5411050.0
L4320.1	504321.9	5411051.7	53617.89844	322.47	0	48.852418	-86.941086	56260.58	56239.2	10.83	56271.41	56275.62891	56284.74224	56287.34766	504321.9	5411051.7
L4320.1	504321.9	5411053.4	53618.00000	322.75	0	48.852434	-86.941086	56259.74	56239.2	10.84	56270.58	56274.85938	56277.03934	56279.68750	504321.9	5411053.4
L4320.1	504321.9	5411053.4	53618.10156	322.85	0	48.852434	-86.941086	56259.40	56239.2	10.84	56270.24	56274.58203	56279.84536	56282.53516	504321.9	5411053.4

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4320.1	504321.9	5411055.0	53618.19922	321.74	0	48.852448	-86.941086	56258.65	56239.2	10.84	56269.49	56273.89453	56273.76699	56276.49609	504321.9	5411055.0
L4320.1	504321.9	5411056.5	53618.30078	322.86	0	48.852462	-86.941086	56258.06	56239.2	10.85	56268.90	56273.36328	56271.09617	56273.86328	504321.9	5411056.5
L4320.1	504321.9	5411056.5	53618.39844	321.45	0	48.852462	-86.941086	56257.32	56239.2	10.85	56268.16	56272.68359	56265.14778	56267.95313	504321.9	5411056.5
L4320.1	504321.9	5411058.0	53618.50000	322.30	0	48.852475	-86.941086	56257.14	56239.2	10.85	56267.99	56272.57422	56271.46655	56274.30859	504321.9	5411058.0
L4320.1	504321.9	5411059.4	53618.60156	321.46	0	48.852488	-86.941086	56256.53	56239.1	10.85	56267.38	56272.01953	56268.25216	56271.12891	504321.9	5411059.4
L4320.1	504321.9	5411059.4	53618.69922	322.25	0	48.852488	-86.941086	56256.14	56239.1	10.85	56267.00	56271.69922	56269.96527	56272.87891	504321.9	5411059.4
L4320.1	504321.9	5411061.0	53618.80078	323.49	0	48.852502	-86.941086	56255.73	56239.1	10.86	56266.58	56271.33594	56270.78090	56273.72656	504321.9	5411061.0
L4320.1	504321.9	5411062.5	53618.80078	323.49	0	48.852515	-86.941086	56254.89	56239.1	10.86	56265.74	56270.55469	56262.51867	56265.50000	504321.9	5411062.5
L4320.1	504321.9	5411064.2	53619.00000	323.37	0	48.852531	-86.941086	56254.71	56239.1	10.86	56265.57	56270.43750	56268.65729	56271.67188	504321.9	5411064.2
L4320.1	504321.8	5411065.5	53619.10156	323.56	0	48.852543	-86.941086	56254.25	56239.1	10.86	56265.12	56270.04297	56268.73812	56271.78125	504321.8	5411065.5
L4320.1	504321.8	5411065.5	53619.19922	322.28	0	48.852543	-86.941086	56253.87	56239.1	10.86	56264.74	56269.71875	56270.29900	56273.37500	504321.8	5411065.5
L4320.1	504321.8	5411067.0	53619.30078	322.22	0	48.852556	-86.941086	56253.59	56239.1	10.87	56264.46	56269.49219	56273.98547	56277.08984	504321.8	5411067.0
L4320.1	504321.8	5411068.5	53619.39844	323.54	0	48.852569	-86.941086	56252.95	56239.1	10.87	56263.81	56268.89453	56269.69504	56272.82813	504321.8	5411068.5
L4320.1	504321.8	5411070.3	53619.50000	324.63	0	48.852585	-86.941086	56252.60	56239.1	10.87	56263.47	56268.60547	56272.04828	56275.21094	504321.8	5411070.3
L4320.1	504321.8	5411071.5	53619.60156	325.50	0	48.852596	-86.941086	56252.03	56239.1	10.87	56262.90	56268.08594	56269.44341	56272.63281	504321.8	5411071.5
L4320.1	504321.8	5411071.5	53619.69922	322.72	0	48.852596	-86.941086	56251.29	56239.1	10.87	56262.17	56267.40625	56263.39633	56266.60938	504321.8	5411071.5
L4320.1	504321.8	5411073.3	53619.80078	322.76	0	48.852612	-86.941086	56250.96	56239.1	10.88	56261.84	56267.12500	56265.91784	56269.15625	504321.8	5411073.3
L4320.1	504321.8	5411074.7	53619.89844	322.44	0	48.852625	-86.941086	56250.68	56239.1	10.88	56261.55	56266.88281	56269.27630	56272.54297	504321.8	5411074.7
L4320.1	504321.8	5411076.2	53620.00000	321.86	0	48.852638	-86.941086	56249.94	56239.1	10.88	56260.82	56266.19922	56263.22786	56266.51563	504321.8	5411076.2
L4320.1	504321.8	5411077.7	53620.10156	322.57	0	48.852652	-86.941086	56249.50	56239.1	10.88	56260.39	56265.81641	56263.58711	56266.89844	504321.8	5411077.7
L4320.1	504321.8	5411077.7	53620.19922	322.61	0	48.852652	-86.941086	56249.04	56239.1	10.89	56259.93	56265.40234	56263.30775	56266.64063	504321.8	5411077.7
L4320.1	504321.8	5411079.0	53620.30078	322.18	0	48.852664	-86.941086	56248.71	56239.1	10.89	56259.60	56265.11328	56265.78443	56269.14063	504321.8	5411079.0
L4320.1	504321.8	5411080.3	53620.39844	321.98	0	48.852675	-86.941086	56248.11	56239.1	10.89	56259.00	56264.55859	56262.55722	56265.93359	504321.8	5411080.3
L4320.1	504321.8	5411081.9	53620.50000	323.20	0	48.852690	-86.941086	56247.57	56239.1	10.90	56258.47	56264.07031	56260.83267	56264.23047	504321.8	5411081.9
L4320.1	504321.8	5411083.9	53620.60156	323.19	0	48.852708	-86.941086	56247.31	56239.1	10.90	56258.20	56263.83984	56264.59123	56268.00781	504321.8	5411083.9
L4320.1	504321.8	5411083.9	53620.69922	322.69	0	48.852708	-86.941086	56246.76	56239.1	10.90	56257.66	56263.33984	56262.69794	56266.13281	504321.8	5411083.9
L4320.1	504321.8	5411085.6	53620.80078	321.97	0	48.852723	-86.941086	56246.29	56239.1	10.90	56257.19	56262.90625	56262.30194	56265.75391	504321.8	5411085.6
L4320.1	504321.8	5411086.9	53620.80078	321.97	0	48.852735	-86.941086	56245.86	56239.1	10.90	56256.76	56262.51563	56262.77378	56266.24219	504321.8	5411086.9
L4320.1	504321.8	5411086.9	53621.00000	320.58	0	48.852735	-86.941086	56245.22	56239.1	10.91	56256.13	56261.92188	56259.10837	56262.59375	504321.8	5411086.9
L4320.1	504321.8	5411090.4	53621.10156	319.49	0	48.852766	-86.941086	56244.93	56239.1	10.91	56255.84	56261.66406	56262.57899	56266.07813	504321.8	5411090.4
L4320.1	504321.8	5411090.4	53621.19922	321.01	0	48.852766	-86.941086	56244.28	56239.1	10.91	56255.19	56261.04688	56258.58456	56262.10156	504321.8	5411090.4
L4320.1	504321.8	5411091.9	53621.30078	320.45	0	48.852780	-86.941086	56244.02	56239.1	10.92	56254.93	56260.82031	56262.77683	56266.30859	504321.8	5411091.9
L4320.1	504321.8	5411091.9	53621.39844	320.42	0	48.852780	-86.941086	56243.40	56239.1	10.92	56254.32	56260.24219	56259.72007	56263.26563	504321.8	5411091.9
L4320.1	504321.8	5411093.8	53621.50000	321.82	0	48.852797	-86.941086	56243.07	56239.1	10.92	56253.99	56259.94141	56262.57077	56266.12891	504321.8	5411093.8
L4320.1	504321.8	5411095.0	53621.60156	321.34	0	48.852808	-86.941086	56242.44	56239.1	10.92	56253.36	56259.33984	56259.21535	56262.78516	504321.8	5411095.0
L4320.1	504321.8	5411096.8	53621.69922	320.96	0	48.852824	-86.941086	56242.03	56239.1	10.92	56252.96	56258.96875	56260.74107	56264.32031	504321.8	5411096.8
L4320.1	504321.8	5411098.4	53621.80078	322.37	0	48.852838	-86.941086	56241.31	56239.1	10.93	56252.24	56258.27344	56255.63250	56259.22656	504321.8	5411098.4
L4320.1	504321.8	5411098.4	53621.89844	321.93	0	48.852838	-86.941086	56240.75	56239.1	10.93	56251.67	56257.72656	56253.74072	56257.34375	504321.8	5411098.4
L4320.1	504321.7	5411100.4	53622.00000	324.01	0	48.852856	-86.941087	56240.29	56239.1	10.93	56251.22	56257.30078	56254.45583	56258.06641	504321.7	5411100.4
L4320.1	504321.7	5411100.4	53622.10156	323.40	0	48.852856	-86.941087	56239.89	56239.1	10.93	56250.83	56256.93359	56256.53425	56260.15625	504321.7	5411100.4
L4320.1	504321.7	5411102.2	53622.19922	324.99	0	48.852872	-86.941087	56240.03	56239.1	10.93	56250.96	56257.08203	56269.74035	56273.37109	504321.7	5411102.2
L4320.1	504321.7	5411103.7	53622.30078	324.93	0	48.852886	-86.941087	56239.22	56239.1	10.94	56250.16	56256.30469	56263.37019	56267.00781	504321.7	5411103.7
L4320.1	504321.7	5411105.3	53622.39844	323.39	0	48.852900	-86.941088	56238.52	56239.1	10.94	56249.45	56255.60938	56258.98953	56262.63281	504321.7	5411105.3
L4320.1	504321.7	5411105.3	53622.50000	322.99	0	48.852900	-86.941088	56237.61	56239.1	10.94	56248.55	56254.72656	56250.62393	56254.27344	504321.7	5411105.3
L4320.1	504321.7	5411107.0	53622.60156	322.22	0	48.852916	-86.941088	56237.28	56239.1	10.94	56248.22	56254.41406	56254.57061	56258.22656	504321.7	5411107.0
L4320.1	504321.6	5411108.6	53622.69922	322.58	0	48.852930	-86.941088	56236.85	56239.1	10.94	56247.79	56253.99609	56256.51816	56260.17969	504321.6	5411108.6
L4320.1	504321.6	5411110.4	53622.80078	322.33	0	48.852946	-86.941089	56236.51	56239.1	10.95	56247.45	56253.66797	56260.56692	56264.23438	504321.6	5411110.4
L4320.1	504321.6	5411110.4	53622.80078	322.33	0	48.852946	-86.941089	56235.56	56239.1	10.95	56246.50	56252.73047	56251.50226	56255.17188	504321.6	5411110.4
L4320.1	504321.6	5411112.1	53623.00000	322.40	0	48.852962	-86.941089	56234.75	56239.1	10.95	56245.70	56251.94141	56245.78581	56249.45703	504321.6	5411112.1
L4320.1	504321.6	5411113.7	53623.10156	322.21	0	48.852976	-86.941089	56234.86	56239	10.95	56245.81	56252.05859	56260.15284	56263.82813	504321.6	5411113.7
L4320.1	504321.6	5411113.7	53623.19922	321.81	0	48.852976	-86.941089	56233.96	56239	10.95	56244.91	56251.16797	56252.52369	56256.19922	504321.6	5411113.7
L4320.1	504321.5	5411115.4	53623.30078	323.05	0	48.852992	-86.941089	56233.29	56239	10.95	56244.25	56250.51172	56250.30504	56253.98438	504321.5	5411115.4
L4320.1	504321.5	5411117.1	53623.39844	324.37	0	48.853007	-86.941090	56232.62	56239	10.95	56243.57	56249.83594	56247.79054	56251.46875	504321.5	5411117.1
L4320.1	504321.5	5411117.1	53623.50000	323.93	0	48.853007	-86.941090	56232.31	56239	10.95	56243.26	56249.53125	56253.67139	56257.35156	504321.5	5411117.1
L4320.1	504321.5	5411118.9	53623.60156	324.35	0	48.853022	-86.941090	56231.64	56239	10.96	56242.60	56248.87500	56251.94229	56255.62109	504321.5	5411118.9
L4320.1	504321.5	5411120.4	53623.69922	324.52	0	48.853036	-86.941090	56230.93	56239	10.96	56241.88	56248.15234	56249.03442	56252.71094	504321.5	5411120.4
L4320.1	504321.5	5411122.1	53623.80078	325.19	0	48.853051	-86.941090	56230.47	56239	10.96	56241.43	56247.70313	56252.36611	56256.04297	504321.5	5411122.1
L4320.1	504321.5	5411122.1	53623.89844	325.31	0	48.853051	-86.941090	56229.95	56239	10.96	56240.91	56247.17969	56254.32638	56258.00000	504321.5	5411122.1
L4320.1	504321.4	5411123.5	53624.00000	325.66	0	48.853064	-86.941091	56229.29	56239	10.96	56240.25	56246.51953	56253.32142	56256.98828	504321.4	5411123.5
L4320.1	504321.4	5411123.5	53624.10156	324.52	0	48.853064	-86.941091	56228.68	56239	10.96	56239.64	56245.90234	56253.63937	56257.30469	504321.4	5411123.5
L4320.1	504321.4	5411125.7	53624.19922	324.18	0	48.853084	-86.941091	56227.94	56239	10.97	56238.91	56245.16797	56251.42327	56255.08203	504321.4	5411125.7
L4320.1	504321.4	5411127.2	53624.30078	323.68	0	48.853097	-86.941091	56227.02	56239	10.97	56237.99	56244.23828	56245.05944	56248.71484	504321.4	5411127.2
L4320.1	504321.4	5411128.4	53624.39844	322.22	0	48.853109	-86.941091	56226.39	56239	10.97	56237.37	56243.61328	56245.72948	56249.37891	504321.4	5411128.4
L4320.1	504321.4	5411128.4	53624.50000	322.67	0	48.853109	-86.941091	56225.97	56239	10.97	56236.95	56243.18359	56251.18401	56254.82422	504321.4	5411128.4
L4320.1	504321.4	5411130.1	53624.60156	323.64	0	48.853124	-86.941091	56224.90	56239	10.98	56235.88	56242.10156	56241.95801	56245.58984	504321.4	5411130.1
L4320.1	504321.3	5411131.6	53624.69922	324.60	0	48.853137	-86.941092	56224.45	56239	10.98	56235.43	56241.64063	56247.13991	56250.76563	504321.3	5411131.6
L4320.1	504321.3	5411132.9	53624.80078	324.62	0	48.853148	-86.941092	56223.55	56239	10.98	56234.53	56240.72656	56242.21308	56245.83203	504321.3	5411132.9
L4320.1	504321.3	5411135.0	53624.80078	324.62	0	48.853167	-86.941092	56222.79	56239	10.98	56233.77	56239.94922	56240.70431	56244.31250	504321.3	5411135.0
L4320.1	504321.3	5411135.0	53625.00000	323.17	0	48.853167	-86.941092	56222.28	56239	10.99	56233.27	56239.43359	56245.35668	56248.95313	504321.3	5411135.0
L4320.1	504321.3	5411136.2	53625.10156	322.88	0	48.853179	-86.941092	56221.63	56239	10.99	56232.62	56238.76953	56246.77582	56250.35938	504321.3	5411136.2
L4320.1	504321.3	5411137.5	53625.19922	323.81	0	48.853190	-86.941092	56220.78	56239	10.99	56231.77	56237.89844	56243.83249	56247.40625	504321.3	5411137.5
L4320.1	504321.3	5411137.5	53625.30078	325.13	0	48.853190	-86.941092	56219.75	56239	10.99	56230.74	56236.85156	56237.00711	56240.57031	504321.3	5411137.5
L4320.1	504321.3	5411139.3	53625.39844	325.80	0	48.853206	-86.941093	56219.25	56239	10.99	56230.25	56236.33984	56242.68549	56246.23438	504321.3	5411139.3
L4320.1	504321.3	5411141.1	53625.50000	326.14	0	48.853222	-86.941093	56218.71	56239	10.99	56229.70	56235.76953	56247.18095	56250.71484	504321.3	5411141.1
L4320.1	504321.3	5411141.1	53625.60156	326.50	0	48.853222	-86.941093	56217.45	56239	11.00	56228.45	56234.49609	56236.03143	56239.54688	504321.3	5411141.1
L4320.1	504321.3	5411142.5	53625.69922	326.53	0	48.853235	-86.941093	56216.89	56239	11.00	56227.89	56233.91406	56240.69572	56244.19922	504321.3	5411142.5
L4320.1	504321.2	5411144.2	53625.80078	324.58	0	48.853250	-86.941093	56216.02	56239	11.00	56227.02	56233.01953	56238.56322	56242.05078	504321.2	5411144.2
L4320.1	504321.2	5411144.2	53625.89844	322.98	0	48.853250	-86.941093	56214.91	56239	11.00	56225.91	56231.88281	56231.26287	56234.73047	504321.2	5411144.2
L4320.1	504321.2	5411145.9	53626.00000	322.92	0	48.853266	-86.941093	56214.15	56239	11.00	56225.15	56231.09375	56232.01605	56235.46484	504321.2	5411145.9
L4320.1	504321.2	5411147.6	53626.10156	323.10	0	48.853280	-86.941093	56213.27	56239	11.00	56224.27	56230.18750	56230.28329	56233.71484	504321.2	5411147.6
L4320.1	504321.2	5411147.6	53626.19922	323.35	0	48.853280	-86.941093	56212.24	56239	11.00	56223.24	56229.12891	56225.42364	56228.83594	504321.2	5411147.6
L4320.1	504321.2	5411149.4	53626.30078	323.58	0	48.853297	-86.941094	56211.18	56239	11.00	56222.18	56228.03906	56220.11927	56223.51172	504321.2	5411149.4
L4320.1	504321.2	5411151.0	53626.39844	324.27	0	48.853311	-86.941094	56210.64	56239	11.00	56221.65	56227.47656	56226.69160	56230.06250	504321.2	5411151.0
L4320.1	504321.1	5411152.8	53626.50000	322.27	0	48.853327	-86.941094	56209.96	56239	11.01	56220.97	56226.76563	56230.10150	56233.44922	504321.1	5411152.8
L4320.1	504321.1	5411152.8	53626.60156	321.57	0	48.853327	-86.941094	56208.68	56239	11.01	56219.68	56225.44531	56220.33497	56223.66016	504321.1	5411152.8
L4320.1	504321.1	5411155.0	53626.69922	320.87	0	48.853347	-86.941095	56207.91	56239	11.01	56218.92	56224.64844	56222.33616	56225.63672	504321.1	5411155.0
L4320.1	504321.1	5411156.3	53626.80078	321.70	0	48.853359	-86.941095	56206.92	56239	11.01	56217.93	56223.62500	56219.49618	56222.77344	504321.1	5411156.3
L4320.1	504321.1	5411156.3	53626.80078	321.70	0	48.853359	-86.941095	56205.74	56239	11.01	56216.75	56222.41016	56212.72479	56215.97656	504321.1	5411156.3
L4320.1	504321.0	5411158.3	53627.00000	322.65	0	48.853377	-86.941096	56205.17	56239	11.01	56216.18	56221.80469	56219.28764	56222.51172	504321.0	5411158.3
L4320.1	504321.0	5411160.1	53627.10156	322.65	0	48.853393	-86.941096	56204.06	56239	11.01	56215.07	56220.65625	56214.35724	56217.55469	504321.0	5411160.1
L4320.1	504321.0	5411160.1	53627.19922	322.43	0	48.853393	-86.941096	56203.16	56239	11.01	56214.17	56219.71875	56214.09294	56217.26172	504321.0	5411160.1
L4320.1	504321.0	5411161.8	53627.30078	323.01	0	48.853409	-86.941097	56201.85	56239	11.00	56212.86	56218.37109	56205.19721	56208.33984	504321.0	5411161.8
L4320.1	504320.9	5411163.0	53627.39844	324.11	0	48.853419	-86.941097	56201.43	56239	11.00	56212.43	56217.90234	56215.24947	56218.35938	504320.9	5411163.0

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4320.1	504320.9	5411163.0	53627.50000	324.07	0	48.853419	-86.941097	56200.25	56239	11.00	56211.25	56216.68359	56209.40545	56212.48438	504320.9	5411163.0
L4320.1	504320.9	5411164.9	53627.60156	324.00	0	48.853437	-86.941098	56199.31	56239	11.00	56210.31	56215.70313	56208.80632	56211.85547	504320.9	5411164.9
L4320.1	504320.9	5411166.6	53627.69922	324.02	0	48.853451	-86.941098	56198.34	56239	11.00	56209.33	56214.67969	56207.46923	56210.48438	504320.9	5411166.6
L4320.1	504320.8	5411168.6	53627.80078	322.89	0	48.853470	-86.941099	56197.01	56239	10.99	56208.01	56213.32031	56198.98991	56201.97266	504320.8	5411168.6
L4320.1	504320.8	5411168.6	53627.89844	322.39	0	48.853470	-86.941099	56196.56	56239	10.99	56207.55	56212.81641	56208.95514	56211.90234	504320.8	5411168.6
L4320.1	504320.8	5411170.1	53628.00000	321.40	0	48.853483	-86.941099	56195.22	56239	10.99	56206.21	56211.43359	56200.23322	56203.14453	504320.8	5411170.1
L4320.1	504320.7	5411172.1	53628.10156	322.15	0	48.853502	-86.941100	56194.36	56239	10.99	56205.35	56210.52734	56201.85154	56204.72656	504320.7	5411172.1
L4320.1	504320.7	5411172.1	53628.19922	321.79	0	48.853502	-86.941100	56193.26	56239	10.99	56204.25	56209.38281	56198.41063	56201.25000	504320.7	5411172.1
L4320.1	504320.7	5411173.6	53628.30078	322.42	0	48.853515	-86.941100	56192.06	56239	10.99	56203.05	56208.14063	56192.87888	56195.67969	504320.7	5411173.6
L4320.1	504320.7	5411175.1	53628.39844	321.89	0	48.853528	-86.941100	56191.14	56239	10.99	56202.13	56207.17578	56193.42896	56196.19141	504320.7	5411175.1
L4320.1	504320.7	5411175.1	53628.50000	322.52	0	48.853528	-86.941100	56190.19	56239	10.99	56201.18	56206.17969	56193.39670	56196.12109	504320.7	5411175.1
L4320.1	504320.7	5411177.1	53628.60156	322.18	0	48.853546	-86.941100	56189.14	56239	10.99	56200.13	56205.08203	56191.24844	56193.92969	504320.7	5411177.1
L4320.1	504320.7	5411179.1	53628.69922	323.00	0	48.853564	-86.941101	56188.27	56239	10.99	56199.26	56204.16406	56193.06043	56195.69922	504320.7	5411179.1
L4320.1	504320.7	5411179.1	53628.80078	324.49	0	48.853564	-86.941101	56187.12	56239	10.99	56198.11	56202.96484	56188.79782	56191.39453	504320.7	5411179.1
L4320.1	504320.6	5411180.9	53628.80078	324.49	0	48.853581	-86.941101	56185.96	56239	10.99	56196.95	56201.75781	56184.31624	56186.87109	504320.6	5411180.9
L4320.1	504320.6	5411182.7	53629.00000	326.33	0	48.853596	-86.941101	56185.25	56239	10.99	56196.24	56201.00000	56189.75659	56192.26563	504320.6	5411182.7
L4320.1	504320.6	5411182.7	53629.10156	324.46	0	48.853596	-86.941101	56183.79	56239	10.99	56194.78	56199.49219	56178.64125	56181.10547	504320.6	5411182.7
L4320.1	504320.6	5411184.2	53629.19922	323.72	0	48.853610	-86.941101	56183.07	56239	10.99	56194.07	56198.73047	56184.12913	56186.54688	504320.6	5411184.2
L4320.1	504320.6	5411186.2	53629.30078	323.58	0	48.853628	-86.941101	56182.19	56239	10.99	56193.18	56197.79297	56185.63894	56188.01172	504320.6	5411186.2
L4320.1	504320.6	5411186.2	53629.39844	323.29	0	48.853628	-86.941101	56180.72	56239	10.99	56191.72	56196.28125	56174.39263	56176.71484	504320.6	5411186.2
L4320.1	504320.6	5411188.0	53629.50000	322.77	0	48.853644	-86.941101	56180.19	56239	10.99	56191.19	56195.69922	56183.92855	56186.19922	504320.6	5411188.0
L4320.1	504320.6	5411189.7	53629.60156	322.86	0	48.853660	-86.941101	56178.79	56239	11.00	56189.79	56194.25000	56173.91946	56176.14063	504320.6	5411189.7
L4320.1	504320.6	5411189.7	53629.69922	324.09	0	48.853660	-86.941101	56177.79	56239	11.00	56188.79	56193.19922	56172.83926	56175.01172	504320.6	5411189.7
L4320.1	504320.6	5411191.5	53629.80078	324.88	0	48.853676	-86.941101	56176.88	56239	11.00	56187.87	56192.22656	56173.50648	56175.62500	504320.6	5411191.5
L4320.1	504320.6	5411193.0	53629.80078	324.88	0	48.853689	-86.941102	56175.67	56239	11.00	56186.67	56190.97266	56167.79863	56169.86719	504320.6	5411193.0
L4320.1	504320.6	5411194.1	53630.00000	323.82	0	48.853699	-86.941102	56174.88	56239	11.00	56185.88	56190.13281	56171.24795	56173.26172	504320.6	5411194.1
L4320.1	504320.6	5411194.1	53630.10156	324.30	0	48.853699	-86.941102	56173.66	56239	11.00	56184.66	56188.85938	56164.91816	56166.87500	504320.6	5411194.1
L4320.1	504320.5	5411195.8	53630.19922	325.56	0	48.853715	-86.941102	56172.36	56239	11.00	56183.35	56187.49609	56156.46471	56158.36719	504320.5	5411195.8
L4320.1	504320.5	5411197.6	53630.30078	326.92	0	48.853730	-86.941103	56171.72	56239	10.99	56182.71	56186.80078	56162.96448	56164.81250	504320.5	5411197.6
L4320.1	504320.5	5411197.6	53630.39844	325.12	0	48.853730	-86.941103	56170.45	56239	10.99	56181.44	56185.48047	56155.16997	56156.96094	504320.5	5411197.6
L4320.1	504320.5	5411199.6	53630.50000	324.28	0	48.853749	-86.941103	56169.26	56239	10.99	56180.25	56184.23438	56149.03631	56150.76563	504320.5	5411199.6
L4320.1	504320.5	5411201.2	53630.60156	323.43	0	48.853763	-86.941103	56168.61	56239	10.99	56179.59	56183.51953	56154.62463	56156.29688	504320.5	5411201.2
L4320.1	504320.4	5411202.7	53630.69922	323.51	0	48.853777	-86.941103	56167.46	56239	10.99	56178.45	56182.32813	56149.28032	56150.89063	504320.4	5411202.7
L4320.1	504320.4	5411202.7	53630.80078	323.01	0	48.853777	-86.941103	56166.61	56239	10.98	56177.60	56181.42188	56150.23671	56151.78906	504320.4	5411202.7
L4320.1	504320.4	5411204.3	53630.80078	323.01	0	48.853791	-86.941103	56165.75	56239	10.98	56176.73	56180.49609	56150.53676	56152.02734	504320.4	5411204.3
L4320.1	504320.4	5411204.3	53631.00000	323.53	0	48.853791	-86.941103	56164.63	56239	10.98	56175.61	56179.32031	56145.03226	56146.46094	504320.4	5411204.3
L4320.1	504320.4	5411205.8	53631.10156	323.14	0	48.853805	-86.941104	56163.93	56239	10.98	56174.91	56178.56641	56148.67236	56150.03516	504320.4	5411205.8
L4320.1	504320.4	5411207.6	53631.19922	323.05	0	48.853821	-86.941104	56162.89	56239	10.98	56173.86	56177.46094	56144.25088	56145.55078	504320.4	5411207.6
L4320.1	504320.4	5411209.2	53631.30078	322.52	0	48.853835	-86.941104	56161.80	56239	10.97	56172.77	56176.31641	56138.67613	56139.91016	504320.4	5411209.2
L4320.1	504320.4	5411210.4	53631.39844	321.20	0	48.853846	-86.941104	56161.22	56239	10.97	56172.20	56175.68750	56144.43009	56145.60156	504320.4	5411210.4
L4320.1	504320.4	5411211.8	53631.50000	321.19	0	48.853858	-86.941104	56160.03	56239	10.97	56171.00	56174.43359	56135.83570	56136.93750	504320.4	5411211.8
L4320.1	504320.4	5411211.8	53631.60156	324.79	0	48.853858	-86.941104	56159.40	56239	10.97	56170.37	56173.74609	56139.66139	56140.69531	504320.4	5411211.8
L4320.1	504320.4	5411213.3	53631.69922	324.18	0	48.853872	-86.941104	56158.32	56239	10.97	56169.28	56172.59766	56132.90415	56133.87109	504320.4	5411213.3
L4320.1	504320.4	5411214.8	53631.80078	323.97	0	48.853885	-86.941104	56157.25	56239	10.96	56168.21	56171.47266	56126.26331	56127.16406	504320.4	5411214.8
L4320.1	504320.4	5411214.8	53631.89844	324.42	0	48.853885	-86.941104	56156.82	56239	10.96	56167.78	56170.98438	56133.56946	56134.39844	504320.4	5411214.8
L4320.1	504320.4	5411216.8	53632.00000	323.80	0	48.853904	-86.941104	56156.13	56239	10.96	56167.09	56170.23828	56134.71563	56135.47266	504320.4	5411216.8
L4320.1	504320.4	5411218.4	53632.10156	325.33	0	48.853918	-86.941104	56155.00	56239	10.96	56165.95	56169.03906	56125.44974	56126.13672	504320.4	5411218.4
L4320.1	504320.4	5411219.8	53632.19922	325.09	0	48.853930	-86.941104	56154.54	56239	10.96	56165.50	56168.53125	56131.20224	56131.81641	504320.4	5411219.8
L4320.1	504320.4	5411219.8	53632.30078	324.55	0	48.853930	-86.941104	56153.61	56239	10.95	56164.56	56167.53516	56125.62985	56126.17578	504320.4	5411219.8
L4320.1	504320.4	5411221.8	53632.39844	324.31	0	48.853949	-86.941104	56152.65	56239	10.95	56163.60	56166.51563	56119.21587	56119.68750	504320.4	5411221.8
L4320.1	504320.4	5411223.2	53632.50000	323.55	0	48.853961	-86.941104	56152.13	56239.1	10.95	56163.08	56165.93750	56122.18712	56122.58594	504320.4	5411223.2
L4320.1	504320.4	5411225.2	53632.60156	322.76	0	48.853979	-86.941104	56151.39	56239.1	10.95	56162.34	56165.14063	56119.83580	56120.16016	504320.4	5411225.2
L4320.1	504320.4	5411225.2	53632.69922	323.55	0	48.853979	-86.941104	56150.46	56239.1	10.95	56161.41	56164.15234	56112.84272	56113.08984	504320.4	5411225.2
L4320.1	504320.3	5411226.9	53632.80078	324.61	0	48.853994	-86.941104	56149.86	56239.1	10.94	56160.80	56163.48047	56112.50429	56112.67969	504320.3	5411226.9
L4320.1	504320.3	5411226.9	53632.80078	324.61	0	48.853994	-86.941104	56149.31	56239.1	10.94	56160.25	56162.87500	56113.02524	56113.12500	504320.3	5411226.9
L4320.1	504320.3	5411228.8	53633.00000	322.89	0	48.854012	-86.941105	56148.68	56239.1	10.94	56159.62	56162.18359	56111.30551	56111.32813	504320.3	5411228.8
L4320.1	504320.3	5411230.3	53633.10156	322.76	0	48.854025	-86.941105	56148.27	56239.1	10.94	56159.20	56161.70313	56113.70375	56113.64844	504320.3	5411230.3
L4320.1	504320.3	5411231.8	53633.19922	321.63	0	48.854038	-86.941105	56147.95	56239.1	10.94	56158.88	56161.32422	56117.76313	56117.62891	504320.3	5411231.8
L4320.1	504320.3	5411231.8	53633.30078	322.28	0	48.854038	-86.941105	56146.79	56239.1	10.93	56157.73	56160.11328	56103.22105	56103.01172	504320.3	5411231.8
L4320.1	504320.3	5411233.6	53633.39844	322.33	0	48.854054	-86.941105	56146.47	56239.1	10.93	56157.40	56159.72656	56106.02620	56105.73828	504320.3	5411233.6
L4320.1	504320.2	5411235.6	53633.50000	322.01	0	48.854073	-86.941106	56145.94	56239.1	10.93	56156.87	56159.13281	56103.95231	56103.58594	504320.2	5411235.6
L4320.1	504320.2	5411236.5	53633.60156	322.10	0	48.854081	-86.941106	56145.64	56239.1	10.93	56156.57	56158.77344	56106.29505	56105.84766	504320.2	5411236.5
L4320.1	504320.2	5411236.5	53633.69922	323.31	0	48.854081	-86.941106	56145.34	56239.1	10.93	56156.26	56158.40234	56107.84967	56107.32422	504320.2	5411236.5
L4320.1	504320.2	5411238.1	53633.80078	325.25	0	48.854095	-86.941106	56145.18	56239.1	10.92	56156.10	56158.18359	56112.03586	56111.42969	504320.2	5411238.1
L4320.1	504320.2	5411239.6	53633.89844	323.86	0	48.854109	-86.941107	56144.15	56239.1	10.92	56155.07	56157.08984	56097.08483	56096.40234	504320.2	5411239.6
L4320.1	504320.1	5411241.9	53634.00000	323.55	0	48.854129	-86.941108	56143.96	56239.1	10.92	56154.88	56156.83984	56099.49441	56098.73047	504320.1	5411241.9
L4320.1	504320.1	5411241.9	53634.10156	322.28	0	48.854129	-86.941108	56143.82	56239.1	10.92	56154.74	56156.63672	56102.36635	56101.51953	504320.1	5411241.9
L4320.1	504320.1	5411243.4	53634.19922	320.49	0	48.854142	-86.941108	56143.41	56239.1	10.91	56154.33	56156.16797	56098.93484	56098.00781	504320.1	5411243.4
L4320.1	504320.0	5411245.0	53634.30078	321.67	0	48.854157	-86.941108	56143.32	56239.1	10.91	56154.22	56155.99609	56101.25302	56100.24609	504320.0	5411245.0
L4320.1	504320.0	5411245.0	53634.39844	321.94	0	48.854157	-86.941108	56143.18	56239.1	10.90	56154.09	56155.80469	56102.54924	56101.46094	504320.0	5411245.0
L4320.1	504320.0	5411246.6	53634.50000	321.52	0	48.854172	-86.941109	56142.73	56239.1	10.90	56153.63	56155.28125	56096.33837	56095.16797	504320.0	5411246.6
L4320.1	504320.0	5411248.4	53634.60156	322.71	0	48.854187	-86.941109	56142.70	56239.1	10.90	56153.60	56155.18750	56098.55037	56097.29688	504320.0	5411248.4
L4320.1	504319.9	5411249.9	53634.69922	321.77	0	48.854201	-86.941110	56142.45	56239.1	10.89	56153.34	56154.86328	56095.37123	56094.03906	504319.9	5411249.9
L4320.1	504319.9	5411249.9	53634.80078	322.22	0	48.854201	-86.941110	56142.38	56239.1	10.89	56153.26	56154.72266	56095.35756	56093.94141	504319.9	5411249.9
L4320.1	504319.9	5411251.6	53634.80078	322.22	0	48.854216	-86.941110	56142.70	56239.1	10.89	56153.59	56154.98828	56103.24398	56101.74609	504319.9	5411251.6
L4320.1	504319.9	5411253.3	53635.00000	320.09	0	48.854232	-86.941111	56142.26	56239.1	10.88	56153.14	56154.47656	56094.38366	56092.80469	504319.9	5411253.3
L4320.1	504319.8	5411254.8	53635.10156	321.69	0	48.854245	-86.941111	56142.60	56239.1	10.88	56153.48	56154.75000	56101.25650	56099.59375	504319.8	5411254.8
L4320.1	504319.8	5411254.8	53635.19922	320.01	0	48.854245	-86.941111	56142.78	56239.1	10.87	56153.65	56154.85547	56104.01054	56102.26563	504319.8	5411254.8
L4320.1	504319.8	5411257.2	53635.30078	320.35	0	48.854266	-86.941112	56142.91	56239.1	10.87	56153.78	56154.92188	56105.34243	56103.51563	504319.8	5411257.2
L4320.1	504319.8	5411257.2	53635.39844	321.91	0	48.854266	-86.941112	56142.91	56239.1	10.87	56153.77	56154.84766	56103.21710	56101.30859	504319.8	5411257.2
L4320.1	504319.8	5411258.9	53635.50000	321.96	0	48.854282	-86.941112	56142.93	56239.1	10.86	56153.79	56154.80469	56101.13122	56099.14063	504319.8	5411258.9
L4320.1	504319.7	5411260.7	53635.60156	321.39	0	48.854298	-86.941113	56142.83	56239.1	10.86	56153.69	56154.64063	56096.02375	56093.95313	504319.7	5411260.7
L4320.1	504319.7	5411260.7	53635.69922	321.32	0	48.854298	-86.941113	56143.78	56239.1	10.86	56154.64	56155.52344	56111.76177	56109.60938	504319.7	5411260.7
L4320.1	504319.7	5411262.4	53635.80078	321.06	0	48.854314	-86.941113	56143.67	56239.1	10.86	56154.52	56155.33984	56105.10435	56102.86719	504319.7	5411262.4
L4320.1	504319.7	5411264.0	53635.89844	320.61	0	48.854328	-86.941113	56143.72	56239.1	10.85	56154.57	56155.32422	56101.35286	56099.03516	504319.7	5411264.0
L4320.1	504319.7	5411264.0	53636.00000	320.49	0	48.854328	-86.941113	56144.37	56239.2	10.85	56155.22	56155.90625	56109.25273	56106.85547	504319.7	5411264.0
L4320.1	504319.6	5411266.3	53636.10156	319.60	0	48.854349	-86.941114	56144.56	56239.2	10.85	56155.41	56156.03125	56107.23390	56104.75391	504319.6	5411266.3
L4320.1	504319.6	5411266.3	53636.19922	320.94	0	48.854349	-86.941114	56145.06	56239.2	10.85	56155.90	56156.45703	56110.77383	56108.21484	504319.6	5411266.3
L4320.1	504319.6	5411267.8	53636.30078	321.77	0	48.854362	-86.941114	56145.54	56239.2	10.84	56156.38	56156.87109	56113.57340	56110.93359	504319.6	5411267.8
L4320.1	504319.6	5411269.7	53636.39844	322.66	0	48.854379	-86.941114	56145.54	56239.2	10.84	56156.38	56156.80469	56106.03920	56103.31641	504319.6	5411269.7
L4320.1	504319.6	5411271.3	53636.50000	322.34	0	48.854394	-86.941114	56146.32	56239.2	10.84	56157.16	56157.51563	56113.91480	56111.11328	504319.6	5411271.3
L4320.1	504319.6	5411271.3	53636.60156	320.75	0	48.854394	-86.941114	56146.30	56239.2	10.84	56157.14	56157.42969	56104.88058	56102.00000	504319.6	5411271.3
L4320.1	504319.6	5411273.3	53636.69922	321.96	0	48.854412	-86.941114	56147.28	56239.2	10.84	56158.11	56158.33203	56115.67213	56112.71094	504319.6	5411273.3

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4320.1	504319.6	5411273.3	53636.80078	321.42	0	48.854412	-86.941114	56147.76	56239.2	10.83	56158.59	56158.74609	56115.90381	56112.86328	504319.6	5411273.3
L4320.1	504319.6	5411274.9	53636.80078	321.42	0	48.854426	-86.941115	56148.33	56239.2	10.83	56159.16	56159.25000	56117.51278	56114.39453	504319.6	5411274.9
L4320.1	504319.6	5411276.4	53637.00000	321.24	0	48.854440	-86.941115	56149.09	56239.2	10.83	56159.92	56159.94141	56122.62408	56119.42578	504319.6	5411276.4
L4320.1	504319.5	5411277.9	53637.10156	320.56	0	48.854453	-86.941115	56149.36	56239.2	10.83	56160.18	56160.13281	56116.82407	56113.54688	504319.5	5411277.9
L4320.1	504319.5	5411277.9	53637.19922	320.69	0	48.854453	-86.941115	56149.84	56239.2	10.82	56160.66	56160.54688	56115.15656	56111.80078	504319.5	5411277.9
L4320.1	504319.5	5411279.6	53637.30078	321.57	0	48.854468	-86.941115	56150.59	56239.2	10.82	56161.41	56161.22656	56118.77000	56115.33984	504319.5	5411279.6
L4320.1	504319.5	5411281.3	53637.39844	322.20	0	48.854484	-86.941115	56151.20	56239.2	10.81	56162.01	56161.76172	56118.80097	56115.29297	504319.5	5411281.3
L4320.1	504319.5	5411281.3	53637.50000	323.16	0	48.854484	-86.941115	56151.89	56239.2	10.81	56162.70	56162.38281	56120.36194	56116.77734	504319.5	5411281.3
L4320.1	504319.5	5411283.0	53637.60156	323.66	0	48.854499	-86.941115	56152.88	56239.2	10.81	56163.69	56163.30469	56128.03254	56124.37109	504319.5	5411283.0
L4320.1	504319.5	5411284.6	53637.69922	323.44	0	48.854514	-86.941115	56153.32	56239.2	10.80	56164.13	56163.67578	56123.46931	56119.73438	504319.5	5411284.6
L4320.1	504319.5	5411284.6	53637.80078	324.56	0	48.854514	-86.941115	56153.98	56239.2	10.80	56164.78	56164.25781	56123.08596	56119.27734	504319.5	5411284.6
L4320.1	504319.5	5411286.8	53637.89844	324.90	0	48.854533	-86.941115	56155.10	56239.2	10.79	56165.90	56165.30859	56132.65939	56128.77734	504319.5	5411286.8
L4320.1	504319.5	5411288.4	53638.00000	323.81	0	48.854548	-86.941115	56155.45	56239.2	10.79	56166.24	56165.58203	56124.82527	56120.86719	504319.5	5411288.4
L4320.1	504319.5	5411288.4	53638.10156	322.62	0	48.854548	-86.941115	56156.64	56239.2	10.78	56167.43	56166.70313	56135.39124	56131.35938	504319.5	5411288.4
L4320.1	504319.5	5411290.4	53638.19922	323.74	0	48.854565	-86.941115	56157.48	56239.2	10.78	56168.25	56167.45313	56137.53631	56133.43359	504319.5	5411290.4
L4320.1	504319.5	5411291.8	53638.30078	324.57	0	48.854578	-86.941115	56158.11	56239.2	10.77	56168.89	56168.02344	56135.41771	56131.24219	504319.5	5411291.8
L4320.1	504319.5	5411291.8	53638.39844	326.71	0	48.854578	-86.941115	56159.08	56239.2	10.77	56169.84	56168.90625	56139.91717	56135.67188	504319.5	5411291.8
L4320.1	504319.5	5411293.6	53638.50000	326.18	0	48.854594	-86.941115	56159.95	56239.2	10.76	56170.71	56169.70703	56142.39927	56138.08203	504319.5	5411293.6
L4320.1	504319.5	5411295.6	53638.60156	325.02	0	48.854613	-86.941115	56160.61	56239.2	10.75	56171.36	56170.28906	56139.75384	56135.36719	504319.5	5411295.6
L4320.1	504319.5	5411295.6	53638.69922	324.94	0	48.854613	-86.941115	56161.84	56239.3	10.75	56172.58	56171.44141	56149.57217	56145.11328	504319.5	5411295.6
L4320.1	504319.5	5411298.0	53638.80078	324.29	0	48.854634	-86.941115	56162.33	56239.3	10.74	56173.07	56171.86328	56142.94461	56138.41797	504319.5	5411298.0
L4320.1	504319.5	5411298.0	53638.80078	324.29	0	48.854634	-86.941115	56163.24	56239.3	10.74	56173.98	56172.70313	56145.46532	56140.87109	504319.5	5411298.0
L4320.1	504319.6	5411299.6	53639.00000	324.10	0	48.854648	-86.941114	56163.96	56239.3	10.73	56174.70	56173.35547	56143.59120	56138.92969	504319.6	5411299.6
L4320.1	504319.6	5411301.1	53639.10156	322.93	0	48.854662	-86.941114	56165.00	56239.3	10.73	56175.73	56174.31641	56148.41362	56143.68359	504319.6	5411301.1
L4320.1	504319.6	5411301.1	53639.19922	323.29	0	48.854662	-86.941114	56165.77	56239.3	10.73	56176.50	56175.01953	56147.32781	56142.53125	504319.6	5411301.1
L4320.1	504319.6	5411304.3	53639.30078	322.35	0	48.854691	-86.941114	56166.52	56239.3	10.73	56177.25	56175.69922	56145.66787	56140.80859	504319.6	5411304.3
L4320.1	504319.6	5411304.3	53639.39844	322.72	0	48.854691	-86.941114	56168.04	56239.3	10.73	56178.76	56177.14453	56160.54425	56155.61719	504319.6	5411304.3
L4320.1	504319.7	5411306.0	53639.50000	323.10	0	48.854706	-86.941113	56168.50	56239.3	10.73	56179.23	56177.54688	56152.49620	56147.50781	504319.7	5411306.0
L4320.1	504319.7	5411306.0	53639.60156	322.04	0	48.854706	-86.941113	56169.94	56239.3	10.72	56180.66	56178.91016	56165.28686	56160.23438	504319.7	5411306.0
L4320.1	504319.7	5411307.9	53639.69922	322.45	0	48.854723	-86.941113	56170.75	56239.3	10.72	56181.48	56179.66016	56164.66184	56159.54688	504319.7	5411307.9
L4320.1	504319.7	5411309.3	53639.80078	324.46	0	48.854736	-86.941112	56171.64	56239.3	10.72	56182.36	56180.47266	56165.24861	56160.07031	504319.7	5411309.3
L4320.1	504319.7	5411309.3	53639.89844	324.47	0	48.854736	-86.941112	56172.66	56239.3	10.72	56183.38	56181.42578	56168.76857	56163.53125	504319.7	5411309.3
L4320.1	504319.8	5411311.5	53640.00000	323.46	0	48.854755	-86.941111	56173.20	56239.3	10.72	56183.92	56181.90234	56161.86788	56156.57031	504319.8	5411311.5
L4320.1	504319.8	5411312.7	53640.10156	322.60	0	48.854766	-86.941111	56174.38	56239.3	10.72	56185.09	56183.00391	56168.46330	56163.10547	504319.8	5411312.7
L4320.1	504319.8	5411312.7	53640.19922	322.16	0	48.854766	-86.941111	56175.16	56239.3	10.72	56185.88	56183.73047	56166.82884	56161.41406	504319.8	5411312.7
L4320.1	504319.8	5411314.7	53640.30078	322.29	0	48.854784	-86.941111	56176.15	56239.3	10.72	56186.87	56184.65234	56169.43805	56163.96484	504319.8	5411314.7
L4320.1	504319.8	5411316.3	53640.39844	322.15	0	48.854798	-86.941110	56177.11	56239.3	10.72	56187.82	56185.53906	56171.14689	56165.61719	504319.8	5411316.3
L4320.1	504319.9	5411317.7	53640.50000	323.55	0	48.854811	-86.941110	56178.39	56239.3	10.71	56189.10	56186.75391	56179.90428	56174.32031	504319.9	5411317.7
L4320.1	504319.9	5411318.9	53640.60156	322.15	0	48.854822	-86.941110	56179.10	56239.3	10.71	56189.81	56187.39844	56176.41053	56170.76953	504319.9	5411318.9
L4320.1	504319.9	5411318.9	53640.69922	321.22	0	48.854822	-86.941110	56180.02	56239.3	10.71	56190.74	56188.26563	56177.62398	56171.92969	504319.9	5411318.9
L4320.1	504319.9	5411320.9	53640.80078	321.56	0	48.854840	-86.941110	56181.14	56239.3	10.71	56191.86	56189.32031	56182.92838	56177.17969	504319.9	5411320.9
L4320.1	504319.9	5411320.9	53640.80078	321.56	0	48.854840	-86.941110	56182.06	56239.3	10.71	56192.77	56190.16797	56183.71861	56177.91797	504319.9	5411320.9
L4320.1	504319.9	5411323.0	53641.00000	320.74	0	48.854858	-86.941109	56183.13	56239.3	10.71	56193.83	56191.16406	56187.77121	56181.91797	504319.9	5411323.0
L4320.1	504319.9	5411323.0	53641.10156	322.31	0	48.854858	-86.941109	56184.06	56239.3	10.71	56194.77	56192.04297	56189.25369	56183.35156	504319.9	5411323.0
L4320.1	504319.9	5411326.2	53641.19922	322.38	0	48.854887	-86.941109	56185.04	56239.3	10.70	56195.75	56192.96094	56191.64089	56185.68750	504319.9	5411326.2
L4320.1	504319.9	5411326.2	53641.30078	323.52	0	48.854887	-86.941109	56185.83	56239.3	10.70	56196.53	56193.67969	56189.68749	56183.68359	504319.9	5411326.2
L4320.1	504320.0	5411327.7	53641.39844	323.38	0	48.854901	-86.941109	56186.70	56239.3	10.70	56197.39	56194.48047	56189.51072	56183.46094	504320.0	5411327.7
L4320.1	504320.0	5411327.7	53641.50000	324.20	0	48.854901	-86.941109	56187.65	56239.3	10.69	56198.34	56195.37109	56191.36190	56185.26563	504320.0	5411327.7
L4320.1	504320.0	5411329.7	53641.60156	322.75	0	48.854919	-86.941108	56188.21	56239.3	10.69	56198.90	56195.87109	56184.59184	56178.44922	504320.0	5411329.7
L4320.1	504320.0	5411331.0	53641.69922	324.17	0	48.854931	-86.941108	56189.61	56239.3	10.69	56200.29	56197.19922	56196.37585	56190.18750	504320.0	5411331.0
L4320.1	504320.0	5411332.8	53641.80078	325.85	0	48.854947	-86.941108	56190.07	56239.3	10.69	56200.76	56197.61328	56187.63435	56181.40234	504320.0	5411332.8
L4320.1	504320.0	5411332.8	53641.89844	324.62	0	48.854947	-86.941108	56191.13	56239.3	10.68	56201.81	56198.60547	56191.98416	56185.70703	504320.0	5411332.8
L4320.1	504320.0	5411334.3	53642.00000	324.14	0	48.854961	-86.941108	56192.25	56239.3	10.68	56202.93	56199.66797	56198.04348	56191.72656	504320.0	5411334.3
L4320.1	504320.0	5411334.3	53642.10156	323.69	0	48.854961	-86.941108	56193.22	56239.3	10.68	56203.90	56200.58203	56200.80783	56194.44922	504320.0	5411334.3
L4320.1	504320.0	5411336.3	53642.19922	325.10	0	48.854978	-86.941108	56194.16	56239.3	10.67	56204.83	56201.45703	56202.75829	56196.35938	504320.0	5411336.3
L4320.1	504320.0	5411337.9	53642.30078	325.91	0	48.854993	-86.941107	56194.94	56239.3	10.67	56205.61	56202.17969	56201.33723	56194.89844	504320.0	5411337.9
L4320.1	504320.1	5411339.4	53642.39844	324.89	0	48.855006	-86.941107	56196.27	56239.3	10.66	56206.94	56203.45703	56212.79103	56206.31641	504320.1	5411339.4
L4320.1	504320.1	5411339.4	53642.50000	326.06	0	48.855006	-86.941107	56196.53	56239.3	10.66	56207.19	56203.65234	56199.19284	56192.67969	504320.1	5411339.4
L4320.1	504320.1	5411341.2	53642.60156	324.17	0	48.855022	-86.941107	56197.88	56239.3	10.66	56208.53	56204.94141	56211.15907	56204.60938	504320.1	5411341.2
L4320.1	504320.1	5411342.7	53642.69922	323.84	0	48.855036	-86.941107	56198.20	56239.3	10.65	56208.86	56205.21875	56199.54662	56192.96094	504320.1	5411342.7
L4320.1	504320.1	5411344.4	53642.80078	323.15	0	48.855051	-86.941107	56199.34	56239.4	10.65	56209.98	56206.28516	56206.61010	56199.99219	504320.1	5411344.4
L4320.1	504320.1	5411344.4	53642.80078	323.15	0	48.855051	-86.941107	56200.25	56239.4	10.65	56210.90	56207.15625	56209.09238	56202.44141	504320.1	5411344.4
L4320.1	504320.1	5411346.0	53643.00000	324.78	0	48.855065	-86.941106	56200.76	56239.4	10.64	56211.40	56207.60547	56201.79761	56195.11328	504320.1	5411346.0
L4320.1	504320.1	5411347.2	53643.10156	326.20	0	48.855076	-86.941106	56201.38	56239.4	10.64	56212.02	56208.17969	56197.47381	56190.75781	504320.1	5411347.2
L4320.1	504320.1	5411348.9	53643.19922	326.08	0	48.855092	-86.941106	56202.22	56239.4	10.64	56212.86	56208.96875	56198.47415	56191.72656	504320.1	5411348.9
L4320.1	504320.2	5411350.7	53643.30078	327.57	0	48.855108	-86.941105	56203.36	56239.4	10.64	56214.00	56210.06250	56206.63405	56199.85938	504320.2	5411350.7
L4320.1	504320.2	5411350.7	53643.39844	325.84	0	48.855108	-86.941105	56204.38	56239.4	10.64	56215.02	56211.03516	56212.07994	56205.27734	504320.2	5411350.7
L4320.1	504320.2	5411352.7	53643.50000	326.40	0	48.855126	-86.941105	56205.25	56239.4	10.64	56215.89	56211.85938	56214.14035	56207.30859	504320.2	5411352.7
L4320.1	504320.2	5411352.7	53643.60156	326.21	0	48.855126	-86.941105	56205.94	56239.4	10.64	56216.58	56212.50781	56212.16875	56205.31250	504320.2	5411352.7
L4320.1	504320.2	5411354.0	53643.69922	326.01	0	48.855137	-86.941105	56207.02	56239.4	10.64	56217.66	56213.54297	56219.31998	56212.43750	504320.2	5411354.0
L4320.1	504320.2	5411355.5	53643.80078	325.14	0	48.855151	-86.941105	56208.02	56239.4	10.64	56218.66	56214.50000	56224.71371	56217.80469	504320.2	5411355.5
L4320.1	504320.2	5411357.1	53643.89844	324.66	0	48.855165	-86.941105	56208.44	56239.4	10.64	56219.08	56214.87891	56217.02576	56210.09375	504320.2	5411357.1
L4320.1	504320.2	5411358.8	53644.00000	324.80	0	48.855180	-86.941105	56209.60	56239.4	10.64	56220.24	56215.99609	56226.28478	56219.33203	504320.2	5411358.8
L4320.1	504320.2	5411358.8	53644.10156	323.18	0	48.855180	-86.941105	56210.12	56239.4	10.64	56220.76	56216.47656	56221.22270	56214.25000	504320.2	5411358.8
L4320.1	504320.2	5411360.7	53644.19922	322.53	0	48.855198	-86.941104	56211.00	56239.4	10.63	56221.63	56217.30859	56224.18837	56217.19531	504320.2	5411360.7
L4320.1	504320.2	5411362.1	53644.30078	322.69	0	48.855211	-86.941104	56211.56	56239.4	10.63	56222.19	56217.83203	56220.38744	56213.37109	504320.2	5411362.1
L4320.1	504320.2	5411362.1	53644.39844	321.91	0	48.855211	-86.941104	56212.72	56239.4	10.63	56223.35	56218.95313	56230.06333	56223.03125	504320.2	5411362.1
L4320.1	504320.3	5411365.1	53644.50000	320.92	0	48.855238	-86.941104	56213.47	56239.4	10.63	56224.10	56219.66797	56230.77880	56223.73047	504320.3	5411365.1
L4320.1	504320.3	5411365.1	53644.60156	321.52	0	48.855238	-86.941104	56214.01	56239.4	10.62	56224.63	56220.16406	56226.81113	56219.74609	504320.3	5411365.1
L4320.1	504320.3	5411367.2	53644.69922	321.93	0	48.855256	-86.941104	56214.92	56239.4	10.62	56225.54	56221.03906	56231.36957	56224.28906	504320.3	5411367.2
L4320.1	504320.3	5411368.3	53644.80078	322.62	0	48.855266	-86.941104	56215.75	56239.4	10.62	56226.36	56221.82422	56234.10444	56227.00781	504320.3	5411368.3
L4320.1	504320.3	5411368.3	53644.80078	322.62	0	48.855266	-86.941104	56216.35	56239.4	10.62	56226.96	56222.39453	56232.17724	56225.06641	504320.3	5411368.3
L4320.1	504320.3	5411370.6	53645.00000	322.09	0	48.855287	-86.941103	56216.92	56239.4	10.61	56227.53	56222.93359	56229.75609	56222.63281	504320.3	5411370.6
L4320.1	504320.3	5411372.4	53645.10156	322.54	0	48.855303	-86.941103	56217.94	56239.4	10.61	56228.55	56223.92188	56237.39354	56230.25781	504320.3	5411372.4
L4320.1	504320.3	5411372.4	53645.19922	322.99	0	48.855303	-86.941103	56218.39	56239.4	10.61	56229.00	56224.34375	56232.66150	56225.51563	504320.3	5411372.4
L4320.1	504320.4	5411374.2	53645.30078	323.90	0	48.855319	-86.941103	56219.12	56239.4	10.61	56229.72	56225.03516	56234.04536	56226.89063	504320.4	5411374.2
L4320.1	504320.4	5411374.2	53645.39844	324.88	0	48.855319	-86.941103	56219.90	56239.4	10.61	56230.51	56225.79688	56237.16589	56230.00000	504320.4	5411374.2
L4320.1	504320.4	5411375.7	53645.50000	325.09	0	48.855333	-86.941102	56220.44	56239.4	10.60	56231.04	56226.30078	56234.67510	56227.50391	504320.4	5411375.7
L4320.1	504320.4	5411377.2	53645.60156	324.90	0	48.855346	-86.941102	56221.18	56239.4	10.60	56231.78	56227.01563	56237.04783	56229.87109	504320.4	5411377.2
L4320.1	504320.4	5411377.2	53645.69922	324.71	0	48.855346	-86.941102	56222.31	56239.4	10.60	56232.91	56228.12109	56248.42795	56241.24219	504320.4	5411377.2
L4320.1	504320.4	5411379.2	53645.80078	325.01	0	48.855364	-86.941102	56222.66	56239.4	10.60	56233.26	56228.44922	56242.39095	56235.20313	504320.4	5411379.2
L4320.1	504320.5	5411380.7	53645.89844	323.27	0	48.855378	-86.941101	56223.55	56239.4	10.60	56234.15	56229.31641	56248.79454	56241.60156	504320.5	5411380.7
L4320.1	504320.5	5411382.2	53646.00000	324.00	0	48.855391	-86.941101	56223.75	56239.4	10.60	56234.35	56229.49609	56239.60238	56232.40625	504320.5	5411382.2

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4320.1	504320.5	5411383.7	53646.10156	326.20	0	48.855404	-86.941101	56224.40	56239.4	10.60	56235.00	56230.12500	56240.87601	56233.67969	504320.5	5411383.7
L4320.1	504320.5	5411383.7	53646.19922	327.16	0	48.855404	-86.941101	56225.15	56239.4	10.60	56235.75	56230.85547	56244.66061	56237.46094	504320.5	5411383.7
L4320.1	504320.5	5411385.3	53646.30078	326.69	0	48.855419	-86.941100	56225.93	56239.4	10.60	56236.53	56231.61719	56249.36130	56242.16406	504320.5	5411385.3
L4320.1	504320.5	5411387.2	53646.39844	325.51	0	48.855436	-86.941100	56226.56	56239.4	10.60	56237.15	56232.22266	56250.54661	56243.34766	504320.5	5411387.2
L4320.1	504320.5	5411387.2	53646.50000	325.01	0	48.855436	-86.941100	56226.82	56239.4	10.60	56237.41	56232.46484	56243.47486	56236.27734	504320.5	5411387.2
L4320.1	504320.6	5411388.6	53646.60156	324.62	0	48.855449	-86.941100	56227.74	56239.4	10.59	56238.33	56233.37109	56252.08999	56244.89844	504320.6	5411388.6
L4320.1	504320.6	5411388.6	53646.69922	324.46	0	48.855449	-86.941100	56228.20	56239.4	10.59	56238.79	56233.81641	56250.07546	56242.88672	504320.6	5411388.6
L4320.1	504320.6	5411390.6	53646.80078	325.02	0	48.855467	-86.941099	56228.68	56239.4	10.59	56239.27	56234.28125	56248.70915	56241.52344	504320.6	5411390.6
L4320.1	504320.6	5411392.1	53646.80078	325.02	0	48.855480	-86.941099	56229.01	56239.4	10.59	56239.60	56234.60156	56243.94836	56236.76953	504320.6	5411392.1
L4320.1	504320.6	5411393.7	53647.00000	326.75	0	48.855495	-86.941099	56229.77	56239.4	10.59	56240.36	56235.34766	56249.62323	56242.45313	504320.6	5411393.7
L4320.1	504320.6	5411393.7	53647.10156	326.48	0	48.855495	-86.941099	56229.91	56239.4	10.59	56240.50	56235.47656	56240.66256	56233.50000	504320.6	5411393.7
L4320.1	504320.6	5411395.3	53647.19922	325.34	0	48.855510	-86.941099	56230.71	56239.4	10.59	56241.30	56236.26953	56247.69941	56240.54297	504320.6	5411395.3
L4320.1	504320.7	5411396.8	53647.30078	325.81	0	48.855522	-86.941098	56231.28	56239.4	10.58	56241.86	56236.82031	56249.17834	56242.03125	504320.7	5411396.8
L4320.1	504320.7	5411398.2	53647.39844	326.82	0	48.855535	-86.941098	56231.97	56239.4	10.58	56242.55	56237.50000	56253.97758	56246.83984	504320.7	5411398.2
L4320.1	504320.7	5411399.4	53647.50000	326.34	0	48.855546	-86.941098	56232.54	56239.4	10.58	56243.12	56238.06641	56256.07460	56248.94922	504320.7	5411399.4
L4320.1	504320.7	5411399.4	53647.60156	326.21	0	48.855546	-86.941098	56233.09	56239.4	10.58	56243.67	56238.60938	56257.86848	56250.75781	504320.7	5411399.4
L4320.1	504320.7	5411401.3	53647.69922	325.89	0	48.855564	-86.941098	56233.38	56239.4	10.58	56243.96	56238.89453	56253.58427	56246.48438	504320.7	5411401.3
L4320.1	504320.7	5411403.0	53647.80078	326.25	0	48.855579	-86.941098	56234.32	56239.4	10.57	56244.89	56239.82031	56264.84827	56257.76172	504320.7	5411403.0
L4320.1	504320.7	5411403.0	53647.89844	327.07	0	48.855579	-86.941098	56234.24	56239.4	10.57	56244.81	56239.73438	56252.06122	56244.98828	504320.7	5411403.0
L4320.1	504320.7	5411404.4	53648.00000	328.28	0	48.855591	-86.941098	56234.83	56239.4	10.57	56245.40	56240.32422	56255.50505	56248.44922	504320.7	5411404.4
L4320.1	504320.7	5411404.4	53648.10156	328.12	0	48.855591	-86.941098	56234.98	56239.4	10.57	56245.55	56240.46875	56248.64871	56241.60938	504320.7	5411404.4
L4320.1	504320.7	5411406.6	53648.19922	326.21	0	48.855611	-86.941098	56235.35	56239.4	10.57	56245.92	56240.83984	56247.22608	56240.20313	504320.7	5411406.6
L4320.1	504320.7	5411407.9	53648.30078	325.62	0	48.855623	-86.941097	56236.10	56239.4	10.57	56246.67	56241.58984	56254.92030	56247.91797	504320.7	5411407.9
L4320.1	504320.7	5411409.3	53648.39844	325.76	0	48.855635	-86.941097	56236.46	56239.4	10.57	56247.03	56241.94922	56253.58145	56246.59766	504320.7	5411409.3
L4320.1	504320.7	5411409.3	53648.50000	325.92	0	48.855635	-86.941097	56236.72	56239.4	10.57	56247.29	56242.21094	56250.10033	56243.13672	504320.7	5411409.3
L4320.1	504320.7	5411410.9	53648.60156	324.51	0	48.855649	-86.941097	56237.59	56239.4	10.57	56248.16	56243.08203	56260.88498	56253.94141	504320.7	5411410.9
L4320.1	504320.8	5411412.3	53648.69922	322.83	0	48.855662	-86.941097	56237.59	56239.4	10.57	56248.16	56243.08594	56251.76513	56244.84375	504320.8	5411412.3
L4320.1	504320.8	5411413.9	53648.80078	323.92	0	48.855676	-86.941097	56238.20	56239.4	10.57	56248.77	56243.69922	56256.78063	56249.87891	504320.8	5411413.9
L4320.1	504320.8	5411413.9	53648.80078	323.92	0	48.855676	-86.941097	56238.79	56239.4	10.57	56249.36	56244.29297	56261.41248	56254.53516	504320.8	5411413.9
L4320.1	504320.8	5411415.2	53649.00000	322.32	0	48.855688	-86.941097	56238.97	56239.4	10.57	56249.54	56244.47656	56256.95992	56250.10547	504320.8	5411415.2
L4320.1	504320.8	5411415.2	53649.10156	322.55	0	48.855688	-86.941097	56239.54	56239.4	10.57	56250.11	56245.05078	56261.35376	56254.52344	504320.8	5411415.2
L4320.1	504320.8	5411416.4	53649.19922	321.89	0	48.855699	-86.941096	56239.81	56239.4	10.57	56250.38	56245.32813	56259.22768	56252.42578	504320.8	5411416.4
L4320.1	504320.8	5411417.5	53649.30078	322.68	0	48.855709	-86.941096	56239.96	56239.4	10.57	56250.52	56245.47266	56254.44056	56247.66406	504320.8	5411417.5
L4320.1	504320.8	5411419.4	53649.39844	322.67	0	48.855726	-86.941096	56240.52	56239.4	10.57	56251.09	56246.05078	56259.14584	56252.39453	504320.8	5411419.4
L4320.1	504320.8	5411419.4	53649.50000	320.95	0	48.855726	-86.941096	56241.50	56239.4	10.57	56252.06	56247.02734	56272.48049	56265.75781	504320.8	5411419.4
L4320.1	504320.8	5411421.1	53649.60156	321.60	0	48.855741	-86.941096	56241.16	56239.4	10.56	56251.72	56246.69922	56257.86786	56251.17578	504320.8	5411421.1
L4320.1	504320.9	5411422.4	53649.69922	324.33	0	48.855753	-86.941095	56241.75	56239.4	10.56	56252.32	56247.30469	56263.45310	56256.78906	504320.9	5411422.4
L4320.1	504320.9	5411422.4	53649.80078	324.27	0	48.855753	-86.941095	56241.87	56239.4	10.56	56252.43	56247.42578	56258.78383	56252.14844	504320.9	5411422.4
L4320.1	504320.9	5411424.3	53649.89844	323.11	0	48.855770	-86.941095	56242.14	56239.4	10.56	56252.70	56247.70703	56257.62583	56251.01953	504320.9	5411424.3
L4320.1	504320.9	5411425.1	53650.00000	323.75	0	48.855777	-86.941095	56242.39	56239.4	10.56	56252.95	56247.96484	56256.16802	56249.59375	504320.9	5411425.1
L4320.1	504320.9	5411425.1	53650.10156	322.87	0	48.855777	-86.941095	56242.87	56239.4	10.56	56253.43	56248.45703	56259.61275	56253.07031	504320.9	5411425.1
L4320.1	504320.9	5411426.4	53650.19922	322.16	0	48.855789	-86.941095	56243.31	56239.4	10.56	56253.86	56248.89844	56262.10656	56255.59766	504320.9	5411426.4
L4320.1	504320.9	5411428.0	53650.30078	321.66	0	48.855803	-86.941095	56243.20	56239.4	10.56	56253.76	56248.80859	56253.68455	56247.21094	504320.9	5411428.0
L4320.1	504320.9	5411428.0	53650.39844	321.31	0	48.855803	-86.941095	56243.66	56239.4	10.56	56254.22	56249.28125	56256.99531	56250.55469	504320.9	5411428.0
L4320.1	504320.9	5411429.6	53650.50000	320.26	0	48.855818	-86.941094	56244.08	56239.4	10.56	56254.63	56249.70313	56259.35990	56252.95313	504320.9	5411429.6
L4320.1	504320.9	5411430.7	53650.60156	321.06	0	48.855828	-86.941094	56244.52	56239.4	10.55	56255.08	56250.16797	56262.65182	56256.28125	504320.9	5411430.7
L4320.1	504320.9	5411430.7	53650.69922	321.06	0	48.855828	-86.941094	56244.76	56239.4	10.55	56255.32	56250.42188	56261.66284	56255.32813	504320.9	5411430.7
L4320.1	504320.9	5411432.0	53650.80078	321.01	0	48.855840	-86.941094	56245.20	56239.4	10.55	56255.75	56250.86328	56264.72819	56258.42969	504320.9	5411432.0
L4320.1	504320.9	5411432.9	53650.80078	321.01	0	48.855847	-86.941095	56245.47	56239.4	10.55	56256.03	56251.16016	56264.74967	56258.48828	504320.9	5411432.9
L4320.1	504320.9	5411434.3	53651.00000	322.68	0	48.855860	-86.941095	56245.91	56239.4	10.55	56256.46	56251.60547	56268.01013	56261.78516	504320.9	5411434.3
L4320.1	504320.9	5411435.0	53651.10156	323.31	0	48.855867	-86.941095	56246.32	56239.4	10.55	56256.87	56252.02734	56270.95354	56264.76563	504320.9	5411435.0
L4320.1	504320.9	5411435.0	53651.19922	323.44	0	48.855867	-86.941095	56246.34	56239.4	10.55	56256.89	56252.06250	56265.73466	56259.58594	504320.9	5411435.0
L4320.1	504320.8	5411436.4	53651.30078	322.55	0	48.855879	-86.941096	56246.54	56239.4	10.55	56257.09	56252.27734	56264.38260	56258.27344	504320.8	5411436.4
L4320.1	504320.8	5411436.4	53651.39844	322.26	0	48.855879	-86.941096	56246.61	56239.4	10.55	56257.16	56252.36328	56260.31632	56254.24609	504320.8	5411436.4
L4320.1	504320.8	5411437.5	53651.50000	323.53	0	48.855889	-86.941096	56247.08	56239.4	10.55	56257.63	56252.85156	56264.87719	56258.84766	504320.8	5411437.5
L4320.1	504320.8	5411438.7	53651.60156	323.28	0	48.855900	-86.941097	56247.18	56239.4	10.55	56257.73	56252.96484	56261.57512	56255.58594	504320.8	5411438.7
L4320.1	504320.7	5411439.8	53651.69922	323.58	0	48.855909	-86.941097	56247.14	56239.4	10.55	56257.69	56252.94141	56255.29204	56249.34375	504320.7	5411439.8
L4320.1	504320.7	5411439.8	53651.80078	323.19	0	48.855909	-86.941097	56247.20	56239.4	10.55	56257.75	56253.01953	56251.20905	56245.30078	504320.7	5411439.8
L4320.1	504320.7	5411441.1	53651.89844	324.77	0	48.855921	-86.941098	56247.75	56239.4	10.55	56258.30	56253.58594	56257.85037	56251.98438	504320.7	5411441.1
L4320.1	504320.7	5411441.1	53652.00000	324.03	0	48.855921	-86.941098	56248.16	56239.4	10.55	56258.71	56254.01172	56261.54988	56255.72656	504320.7	5411441.1
L4320.1	504320.7	5411442.1	53652.10156	323.42	0	48.855930	-86.941098	56248.46	56239.4	10.55	56259.01	56254.33203	56262.93515	56257.15234	504320.7	5411442.1
L4320.1	504320.7	5411442.9	53652.19922	324.13	0	48.855938	-86.941098	56248.94	56239.4	10.55	56259.49	56254.82813	56268.35398	56262.61719	504320.7	5411442.9
L4320.1	504320.6	5411444.1	53652.30078	323.63	0	48.855948	-86.941098	56249.07	56239.4	10.55	56259.62	56254.97656	56266.16904	56260.47656	504320.6	5411444.1
L4320.1	504320.6	5411445.0	53652.39844	323.31	0	48.855956	-86.941098	56249.63	56239.4	10.55	56260.18	56255.55078	56273.52314	56267.87109	504320.6	5411445.0
L4320.1	504320.6	5411445.0	53652.50000	323.65	0	48.855956	-86.941098	56249.44	56239.4	10.55	56259.99	56255.37891	56264.43092	56258.82422	504320.6	5411445.0
L4320.1	504320.6	5411446.0	53652.60156	323.04	0	48.855965	-86.941098	56249.53	56239.4	10.55	56260.08	56255.48828	56261.57830	56256.01563	504320.6	5411446.0
L4320.1	504320.6	5411447.1	53652.69922	324.88	0	48.855975	-86.941098	56249.97	56239.4	10.55	56260.52	56255.94531	56266.52966	56261.01172	504320.6	5411447.1
L4320.1	504320.6	5411448.1	53652.80078	323.46	0	48.855984	-86.941098	56250.46	56239.4	10.55	56261.01	56256.45313	56272.67377	56267.20313	504320.6	5411448.1
L4320.1	504320.6	5411449.0	53652.80078	323.46	0	48.855992	-86.941098	56250.63	56239.4	10.55	56261.18	56256.64063	56271.83063	56266.40234	504320.6	5411449.0
L4320.1	504320.6	5411449.0	53653.00000	319.69	0	48.855992	-86.941098	56250.94	56239.4	10.55	56261.49	56256.96875	56274.16890	56268.78906	504320.6	5411449.0
L4320.1	504320.6	5411449.9	53653.10156	318.57	0	48.856000	-86.941099	56250.98	56239.4	10.55	56261.53	56257.02734	56270.60981	56265.27344	504320.6	5411449.9
L4320.1	504320.6	5411449.9	53653.19922	319.44	0	48.856000	-86.941099	56251.36	56239.4	10.55	56261.91	56257.42578	56274.67723	56269.39063	504320.6	5411449.9
L4320.1	504320.6	5411450.8	53653.30078	320.19	0	48.856009	-86.941099	56251.37	56239.4	10.55	56261.92	56257.45313	56270.61002	56265.36719	504320.6	5411450.8
L4320.1	504320.6	5411452.1	53653.39844	320.63	0	48.856020	-86.941099	56251.52	56239.4	10.55	56262.08	56257.63281	56269.95680	56264.76172	504320.6	5411452.1
L4320.1	504320.6	5411452.7	53653.50000	322.05	0	48.856026	-86.941099	56251.42	56239.4	10.56	56261.97	56257.53906	56263.34569	56258.19531	504320.6	5411452.7
L4320.1	504320.6	5411452.7	53653.60156	324.06	0	48.856026	-86.941099	56251.68	56239.4	10.56	56262.23	56257.81641	56265.08155	56259.98047	504320.6	5411452.7
L4320.1	504320.6	5411453.5	53653.69922	324.12	0	48.856033	-86.941099	56251.86	56239.4	10.56	56262.42	56258.02734	56265.33619	56260.28125	504320.6	5411453.5
L4320.1	504320.6	5411453.5	53653.80078	324.21	0	48.856033	-86.941099	56252.26	56239.4	10.56	56262.82	56258.44531	56270.41270	56265.40625	504320.6	5411453.5
L4320.1	504320.6	5411455.3	53653.89844	325.14	0	48.856049	-86.941099	56252.44	56239.4	10.56	56263.00	56258.64453	56270.62455	56265.66797	504320.6	5411455.3
L4320.1	504320.6	5411455.3	53654.00000	323.58	0	48.856049	-86.941099	56252.62	56239.4	10.56	56263.18	56258.83984	56270.91984	56266.01172	504320.6	5411455.3
L4320.1	504320.6	5411456.0	53654.10156	322.97	0	48.856056	-86.941099	56252.50	56239.4	10.56	56263.06	56258.73828	56264.47923	56259.61719	504320.6	5411456.0
L4320.1	504320.6	5411456.8	53654.19922	323.28	0	48.856062	-86.941099	56252.48	56239.4	10.56	56263.05	56258.74609	56260.59928	56255.78906	504320.6	5411456.8
L4320.1	504320.6	5411456.8	53654.30078	324.39	0	48.856062	-86.941099	56252.98	56239.4	10.56	56263.54	56259.25391	56268.19363	56263.42969	504320.6	5411456.8
L4320.1	504320.6	5411457.6	53654.39844	324.93	0	48.856070	-86.941099	56253.07	56239.4	10.56	56263.64	56259.37500	56266.98383	56262.26953	504320.6	5411457.6
L4320.1	504320.6	5411457.6	53654.50000	324.21	0	48.856070	-86.941099	56253.44	56239.4	10.57	56264.00	56259.75000	56271.79351	56267.12891	504320.6	5411457.6
L4320.1	504320.6	5411458.6	53654.60156	325.30	0	48.856079	-86.941099	56253.64	56239.4	10.57	56264.21	56259.98047	56273.25750	56268.64063	504320.6	5411458.6
L4320.1	504320.6	5411459.2	53654.69922	325.28	0	48.856084	-86.941099	56253.89	56239.4	10.57	56264.45	56260.23828	56275.48494	56270.91797	504320.6	5411459.2
L4320.1	504320.6	5411460.0	53654.80078	326.22	0	48.856091	-86.941099	56254.07	56239.4	10.57	56264.64	56260.44531	56276.64490	56272.12891	504320.6	5411460.0
L4320.1	504320.6	5411460.0	53654.80078	326.22	0	48.856091	-86.941099	56254.05	56239.4	10.57	56264.61	56260.43359	56272.84926	56268.38281	504320.6	5411460.0
L4320.1	504320.6	5411460.7	53655.00000	324.87	0	48.856097	-86.941098	56254.20	56239.4	10.57	56264.77	56260.60938	56273.47146	56269.05469	504320.6	5411460.7
L4320.1	504320.6	5411461.5	53655.10156	324.87	0	48.856105	-86.941098	56254.05	56239.4	10.57	56264.62	56260.47656	56267.08218	56262.71484	504320.6	5411461.5
L4320.1	504320.6	5411461.5	53655.19922	323.44	0	48.856105	-86.941098	56254.20	56239.4	10.57	56264.78	56260.65625	56267.84819	56263.53125	504320.6	5411461.5
L4320.1	504320.6	5411462.1	53655.30078	322.99	0	48.856110	-86.941098	56254.51	56239.4	10.58	56265.08	56260.97266	56271.88146	56267.61328	504320.6	5411462.1

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4320.1	504320.6	5411462.1	53655.39844	323.34	0	48.856110	-86.941098	56254.68	56239.4	10.58	56265.26	56261.17188	56273.24065	56269.02344	504320.6	5411462.1
L4320.1	504320.6	5411462.9	53655.50000	323.44	0	48.856117	-86.941098	56254.66	56239.4	10.58	56265.24	56261.16797	56270.09082	56265.92188	504320.6	5411462.9
L4320.1	504320.7	5411463.6	53655.60156	324.87	0	48.856123	-86.941098	56254.89	56239.4	10.58	56265.47	56261.41406	56272.72109	56268.60547	504320.7	5411463.6
L4320.1	504320.7	5411463.6	53655.69922	323.65	0	48.856123	-86.941098	56255.11	56239.4	10.58	56265.69	56261.65234	56275.18555	56271.12109	504320.7	5411463.6
L4320.1	504320.7	5411464.3	53655.80078	322.22	0	48.856129	-86.941098	56254.68	56239.4	10.59	56265.27	56261.25000	56263.01776	56259.00391	504320.7	5411464.3
L4320.1	504320.7	5411464.8	53655.89844	322.33	0	48.856134	-86.941098	56254.68	56239.4	10.59	56265.27	56261.26563	56260.52289	56256.55859	504320.7	5411464.8
L4320.1	504320.7	5411465.2	53656.00000	321.55	0	48.856138	-86.941097	56255.38	56239.4	10.59	56265.96	56261.97266	56273.95141	56270.03516	504320.7	5411465.2
L4320.1	504320.7	5411465.7	53656.10156	319.87	0	48.856143	-86.941098	56255.38	56239.4	10.59	56265.97	56262.00000	56271.78438	56267.92188	504320.7	5411465.7
L4320.1	504320.7	5411465.7	53656.19922	323.99	0	48.856143	-86.941098	56255.32	56239.4	10.59	56265.91	56261.95703	56268.03681	56264.22266	504320.7	5411465.7
L4320.1	504320.7	5411466.3	53656.30078	324.64	0	48.856148	-86.941098	56255.83	56239.4	10.60	56266.43	56262.49219	56277.70268	56273.94141	504320.7	5411466.3
L4320.1	504320.7	5411466.3	53656.39844	324.44	0	48.856148	-86.941098	56255.79	56239.4	10.60	56266.38	56262.46094	56274.24625	56270.53516	504320.7	5411466.3
L4320.1	504320.7	5411466.8	53656.50000	325.06	0	48.856152	-86.941098	56256.04	56239.4	10.60	56266.64	56262.73828	56277.95864	56274.29688	504320.7	5411466.8
L4320.1	504320.7	5411467.2	53656.60156	326.48	0	48.856156	-86.941098	56256.35	56239.4	10.60	56266.95	56263.06250	56282.81939	56279.21094	504320.7	5411467.2
L4320.1	504320.7	5411467.7	53656.69922	324.99	0	48.856160	-86.941098	56256.40	56239.4	10.60	56267.00	56263.12891	56281.69973	56278.14063	504320.7	5411467.7
L4320.1	504320.7	5411467.7	53656.80078	326.64	0	48.856160	-86.941098	56256.26	56239.4	10.61	56266.87	56263.01563	56276.48713	56272.98047	504320.7	5411467.7
L4320.1	504320.6	5411468.0	53656.80078	326.64	0	48.856164	-86.941098	56256.20	56239.4	10.61	56266.80	56262.96484	56272.69316	56269.23828	504320.6	5411468.0
L4320.1	504320.6	5411468.5	53657.00000	324.84	0	48.856167	-86.941098	56256.22	56239.4	10.61	56266.83	56263.01172	56271.20198	56267.79688	504320.6	5411468.5
L4320.1	504320.6	5411468.7	53657.10156	325.61	0	48.856170	-86.941098	56256.30	56239.4	10.61	56266.91	56263.10547	56270.85014	56267.49609	504320.6	5411468.7
L4320.1	504320.6	5411468.7	53657.19922	325.63	0	48.856170	-86.941098	56256.52	56239.4	10.61	56267.13	56263.34375	56273.58073	56270.27734	504320.6	5411468.7
L4320.1	504320.6	5411469.0	53657.30078	324.54	0	48.856173	-86.941098	56256.32	56239.4	10.61	56266.94	56263.17188	56267.34675	56264.09375	504320.6	5411469.0
L4320.1	504320.6	5411469.3	53657.39844	323.42	0	48.856175	-86.941098	56256.38	56239.4	10.61	56266.99	56263.23828	56266.41277	56263.21094	504320.6	5411469.3
L4320.1	504320.6	5411469.3	53657.50000	324.44	0	48.856175	-86.941098	56256.16	56239.4	10.62	56266.78	56263.04297	56260.03682	56256.88672	504320.6	5411469.3
L4320.1	504320.6	5411469.6	53657.60156	322.44	0	48.856177	-86.941098	56256.22	56239.4	10.62	56266.83	56263.10938	56259.24716	56256.14844	504320.6	5411469.6
L4320.1	504320.7	5411469.9	53657.69922	321.24	0	48.856180	-86.941098	56256.34	56239.4	10.62	56266.96	56263.25391	56260.11186	56257.06641	504320.7	5411469.9
L4325.0	504323.2	5407850.7	84846.29688	227.26	42.25	48.823623	-86.941102	56225.97	56281.8	-31.84	56194.13	56192.05859	56202.82135	56199.84766	504323.2	5407850.7
L4325.0	504323.2	5407850.8	84846.39844	226.28	42.25	48.823624	-86.941102	56225.13	56281.8	-31.83	56193.29	56191.21875	56202.63052	56199.67969	504323.2	5407850.8
L4325.0	504323.2	5407851.0	84846.50000	227.56	44.88	48.823625	-86.941101	56225.16	56281.8	-31.82	56193.34	56191.26563	56202.38433	56199.45703	504323.2	5407851.0
L4325.0	504323.2	5407851.3	84846.60156	226.65	44.65	48.823627	-86.941101	56225.49	56281.8	-31.82	56193.67	56191.59766	56202.12330	56199.22266	504323.2	5407851.3
L4325.0	504323.3	5407851.5	84846.60156	226.65	43.87	48.823630	-86.941100	56225.64	56281.8	-31.82	56193.83	56191.75391	56201.87730	56199.00000	504323.3	5407851.5
L4325.0	504323.3	5407851.5	84846.79688	226.46	44.52	48.823630	-86.941100	56224.42	56281.8	-31.80	56192.62	56190.54297	56201.72620	56198.87500	504323.3	5407851.5
L4325.0	504323.3	5407851.9	84846.89844	225.59	44.26	48.823634	-86.941099	56225.67	56281.8	-31.80	56193.88	56191.80469	56201.41385	56198.58594	504323.3	5407851.9
L4325.0	504323.3	5407851.9	84847.00000	225.53	44.26	48.823634	-86.941099	56226.43	56281.8	-31.79	56194.64	56192.56250	56201.13811	56198.33594	504323.3	5407851.9
L4325.0	504323.4	5407852.1	84847.10156	224.45	43.84	48.823635	-86.941099	56226.84	56281.8	-31.79	56195.05	56192.97266	56200.88886	56198.10938	504323.4	5407852.1
L4325.0	504323.4	5407852.4	84847.20313	224.52	43.84	48.823638	-86.941098	56227.23	56281.8	-31.78	56195.45	56193.37109	56200.64328	56197.88672	504323.4	5407852.4
L4325.0	504323.5	5407852.7	84847.29688	225.54	48.08	48.823640	-86.941098	56227.02	56281.8	-31.78	56195.24	56193.16016	56200.44123	56197.71094	504323.5	5407852.7
L4325.0	504323.5	5407853.0	84847.39844	222.06	44.87	48.823643	-86.941097	56226.16	56281.8	-31.78	56194.38	56192.30078	56200.28525	56197.57813	504323.5	5407853.0
L4325.0	504323.5	5407853.2	84847.50000	221.22	42.61	48.823645	-86.941097	56226.82	56281.8	-31.78	56195.05	56192.96875	56200.02986	56197.34766	504323.5	5407853.2
L4325.0	504323.6	5407853.5	84847.60156	225.40	42.61	48.823647	-86.941096	56226.25	56281.8	-31.77	56194.48	56192.39844	56199.85959	56197.19922	504323.6	5407853.5
L4325.0	504323.6	5407853.8	84847.70313	226.10	43.38	48.823650	-86.941096	56227.32	56281.8	-31.77	56195.56	56193.48047	56199.58163	56196.94531	504323.6	5407853.8
L4325.0	504323.6	5407854.0	84847.79688	227.40	48.62	48.823652	-86.941095	56227.16	56281.8	-31.77	56195.39	56193.30859	56199.38919	56196.77734	504323.6	5407854.0
L4325.0	504323.6	5407854.0	84847.89844	226.83	48.62	48.823652	-86.941095	56226.54	56281.8	-31.76	56194.77	56192.68750	56199.22880	56196.64063	504323.6	5407854.0
L4325.0	504323.7	5407854.4	84848.00000	222.08	42.5	48.823656	-86.941095	56227.31	56281.8	-31.76	56195.55	56193.46875	56198.97697	56196.41406	504323.7	5407854.4
L4325.0	504323.7	5407854.8	84848.10156	221.87	43.14	48.823659	-86.941094	56227.42	56281.8	-31.76	56195.66	56193.57813	56198.77160	56196.23047	504323.7	5407854.8
L4325.0	504323.7	5407855.1	84848.20313	222.47	43.05	48.823662	-86.941094	56226.96	56281.8	-31.75	56195.21	56193.12891	56198.60519	56196.08984	504323.7	5407855.1
L4325.0	504323.8	5407855.4	84848.29688	222.61	43.05	48.823665	-86.941094	56226.68	56281.8	-31.75	56194.92	56192.83984	56198.42963	56195.93750	504323.8	5407855.4
L4325.0	504323.8	5407855.8	84848.39844	222.75	44.16	48.823668	-86.941093	56226.46	56281.7	-31.75	56194.71	56192.63281	56198.25012	56195.78125	504323.8	5407855.8
L4325.0	504323.8	5407855.8	84848.50000	223.70	43.2	48.823668	-86.941093	56226.03	56281.7	-31.75	56194.28	56192.20313	56198.08652	56195.64063	504323.8	5407855.8
L4325.0	504323.8	5407856.3	84848.60156	224.28	43.2	48.823673	-86.941093	56226.20	56281.7	-31.74	56194.46	56192.38281	56197.88338	56195.46094	504323.8	5407856.3
L4325.0	504323.8	5407856.5	84848.60156	224.28	43.91	48.823675	-86.941093	56226.08	56281.7	-31.74	56194.34	56192.26563	56197.70124	56195.30469	504323.8	5407856.5
L4325.0	504323.8	5407856.9	84848.79688	227.53	45.06	48.823678	-86.941093	56227.56	56281.7	-31.74	56195.83	56193.75391	56197.41264	56195.03906	504323.8	5407856.9
L4325.0	504323.8	5407857.3	84848.89844	224.93	45.06	48.823682	-86.941093	56227.56	56281.7	-31.73	56195.83	56193.75781	56197.22412	56194.87109	504323.8	5407857.3
L4325.0	504323.8	5407857.7	84849.00000	225.96	44.59	48.823685	-86.941094	56228.06	56281.7	-31.73	56196.33	56194.25781	56197.00290	56194.67578	504323.8	5407857.7
L4325.0	504323.8	5407857.7	84849.10156	225.15	44.56	48.823685	-86.941094	56227.94	56281.7	-31.73	56196.21	56194.14063	56196.82352	56194.51953	504323.8	5407857.7
L4325.0	504323.7	5407858.4	84849.20313	225.26	44.56	48.823692	-86.941094	56227.59	56281.7	-31.72	56195.86	56193.79297	56196.65987	56194.37891	504323.7	5407858.4
L4325.0	504323.7	5407858.9	84849.29688	224.28	43.96	48.823696	-86.941095	56227.89	56281.7	-31.72	56196.18	56194.11328	56196.45184	56194.19141	504323.7	5407858.9
L4325.0	504323.7	5407858.9	84849.39844	224.19	43.76	48.823696	-86.941095	56227.78	56281.7	-31.71	56196.06	56193.99609	56196.27331	56194.03516	504323.7	5407858.9
L4325.0	504323.6	5407859.4	84849.50000	225.79	44.65	48.823701	-86.941096	56227.84	56281.7	-31.71	56196.13	56194.07031	56196.08218	56193.86719	504323.6	5407859.4
L4325.0	504323.5	5407860.1	84849.60156	225.76	44.65	48.823707	-86.941097	56228.10	56281.7	-31.71	56196.39	56194.33203	56195.87833	56193.68750	504323.5	5407860.1
L4325.0	504323.5	5407860.1	84849.70313	226.07	44.42	48.823707	-86.941097	56227.32	56281.7	-31.70	56195.62	56193.56641	56195.74301	56193.57422	504323.5	5407860.1
L4325.0	504323.5	5407860.6	84849.79688	226.35	43.98	48.823711	-86.941097	56227.76	56281.7	-31.70	56196.06	56194.01172	56195.52676	56193.37891	504323.5	5407860.6
L4325.0	504323.4	5407861.1	84849.89844	226.67	43.98	48.823716	-86.941098	56228.66	56281.7	-31.69	56196.96	56194.91406	56195.27950	56193.15625	504323.4	5407861.1
L4325.0	504323.4	5407861.7	84850.00000	227.84	43.93	48.823721	-86.941099	56227.62	56281.7	-31.69	56195.93	56193.88672	56195.16047	56193.05859	504323.4	5407861.7
L4325.0	504323.3	5407862.1	84850.10156	225.73	45.87	48.823725	-86.941099	56228.01	56281.7	-31.69	56196.32	56194.28125	56194.94623	56192.86719	504323.3	5407862.1
L4325.0	504323.3	5407862.1	84850.20313	224.61	45.87	48.823725	-86.941099	56228.12	56281.7	-31.68	56196.44	56194.40625	56194.74937	56192.69141	504323.3	5407862.1
L4325.0	504323.3	5407862.6	84850.29688	225.27	43.7	48.823729	-86.941100	56227.28	56281.7	-31.68	56195.60	56193.57031	56194.61579	56192.57813	504323.3	5407862.6
L4325.0	504323.3	5407863.3	84850.39844	225.10	45.05	48.823736	-86.941100	56227.63	56281.7	-31.67	56195.96	56193.93359	56194.40142	56192.38672	504323.3	5407863.3
L4325.0	504323.2	5407863.9	84850.50000	227.78	49.37	48.823741	-86.941100	56228.04	56281.7	-31.67	56196.37	56194.35156	56194.18283	56192.18750	504323.2	5407863.9
L4325.0	504323.2	5407864.7	84850.60156	227.56	49.37	48.823748	-86.941101	56227.69	56281.7	-31.67	56196.02	56194.00391	56194.01396	56192.04297	504323.2	5407864.7
L4325.0	504323.2	5407865.5	84850.60156	227.56	44.59	48.823755	-86.941101	56227.35	56281.7	-31.67	56195.68	56193.67188	56193.84338	56191.89063	504323.2	5407865.5
L4325.0	504323.2	5407865.5	84850.79688	227.30	44.59	48.823755	-86.941101	56227.31	56281.7	-31.66	56195.65	56193.64844	56193.65102	56191.72266	504323.2	5407865.5
L4325.0	504323.2	5407866.1	84850.89844	225.46	45.4	48.823761	-86.941101	56227.50	56281.7	-31.65	56195.85	56193.85156	56193.44214	56191.53516	504323.2	5407866.1
L4325.0	504323.2	5407866.7	84851.00000	226.36	45.4	48.823766	-86.941102	56227.51	56281.7	-31.65	56195.86	56193.87109	56193.24468	56191.35547	504323.2	5407866.7
L4325.0	504323.1	5407867.4	84851.10156	224.98	48.87	48.823773	-86.941102	56227.48	56281.6	-31.64	56195.84	56193.85547	56193.04789	56191.17969	504323.1	5407867.4
L4325.0	504323.1	5407868.1	84851.20313	223.41	50.22	48.823779	-86.941102	56227.47	56281.6	-31.64	56195.84	56193.86328	56192.84837	56191.00000	504323.1	5407868.1
L4325.0	504323.1	5407868.1	84851.29688	221.54	53.01	48.823779	-86.941102	56227.43	56281.6	-31.63	56195.81	56193.83984	56192.64940	56190.82422	504323.1	5407868.1
L4325.0	504323.1	5407869.0	84851.39844	222.55	53.01	48.823787	-86.941102	56227.32	56281.6	-31.62	56195.70	56193.73828	56192.45423	56190.64844	504323.1	5407869.0
L4325.0	504323.1	5407869.8	84851.50000	223.65	47.89	48.823794	-86.941103	56227.41	56281.6	-31.61	56195.79	56193.83594	56192.24415	56190.45703	504323.1	5407869.8
L4325.0	504323.1	5407870.5	84851.60156	226.40	47.89	48.823801	-86.941103	56227.45	56281.6	-31.61	56195.84	56193.89453	56192.03508	56190.26953	504323.1	5407870.5
L4325.0	504323.0	5407871.4	84851.70313	224.90	45.39	48.823808	-86.941103	56226.70	56281.6	-31.60	56195.10	56193.16016	56191.87696	56190.13281	504323.0	5407871.4
L4325.0	504323.0	5407871.4	84851.79688	225.75	45.06	48.823808	-86.941103	56227.73	56281.6	-31.59	56196.13	56194.19922	56191.59908	56189.87109	504323.0	5407871.4
L4325.0	504323.0	5407872.9	84851.89844	227.32	45.06	48.823822	-86.941104	56227.00	56281.6	-31.59	56195.42	56193.50000	56191.43536	56189.73047	504323.0	5407872.9
L4325.0	504323.0	5407872.9	84852.00000	227.38	48.96	48.823822	-86.941104	56226.66	56281.6	-31.58	56195.08	56193.16797	56191.24508	56189.55859	504323.0	5407872.9
L4325.0	504323.0	5407873.7	84852.10156	228.68	54.2	48.823830	-86.941104	56226.31	56281.6	-31.58	56194.73	56192.82813	56191.05352	56189.38672	504323.0	5407873.7
L4325.0	504322.9	5407874.6	84852.20313	227.93	54.2	48.823838	-86.941105	56226.62	56281.6	-31.58	56195.04	56193.14453	56190.81596	56189.16797	504322.9	5407874.6
L4325.0	504322.9	5407875.5	84852.29688	228.88	51.51	48.823846	-86.941105	56226.48	56281.6	-31.57	56194.91	56193.02344	56190.60566	56188.97656	504322.9	5407875.5
L4325.0	504322.9	5407876.6	84852.39844	229.39	51.51	48.823856	-86.941106	56226.51	56281.6	-31.57	56194.94	56193.06641	56190.38257	56188.76953	504322.9	5407876.6
L4325.0	504322.9	5407876.6	84852.50000	231.20	51.87	48.823856	-86.941106	56225.95	56281.6	-31.57	56194.38	56192.51563	56190.19664	56188.60547	504322.9	5407876.6
L4325.0	504322.8	5407877.6	84852.60156	231.83	50.84	48.823864	-86.941106	56226.36	56281.6	-31.57	56194.79	56192.93359	56189.94380	56188.37109	504322.8	5407877.6
L4325.0	504322.8	5407878.5	84852.60156	231.83	50.84	48.823872	-86.941106	56226.65	56281.6	-31.57	56195.08	56193.23438	56189.69668	56188.14063	504322.8	5407878.5
L4325.0	504322.8	5407879.5	84852.79688	231.14	46.83	48.823882	-86.941107	56225.54	56281.6	-31.56	56193.98	56192.14453	56189.53987	56188.00000	504322.8	5407879.5
L4325.0	504322.8	5407879.5	84852.89844	230.16	46.83	48.823882	-86.941107	56226.38	56281.6	-31.56	56194.82	56192.99609	56189.25132	56187.73047	504322.8	5407879.5
L4325.0	504322.7	5407880.6	84853.00000	228.83	48.81	48.823891	-86.941107	56226.28	56281.6	-31.56	56194.72	56192.91016	56189.02297	56187.51953	504322.7	5407880.6
L4325.0	504322.7	5407881.3	84853.10156	227.11	55.58	48.823898	-86.941108	56225.59	56281.6	-31.56	56194.04	56192.23828	56188.83078	56187.34375	504322.7	5407881.3

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4325.0	504322.7	5407882.4	84853.20313	225.32	55.58	48.823908	-86.941108	56225.26	56281.6	-31.55	56193.71	56191.92188	56188.61268	56187.14453	504322.7	5407882.4
L4325.0	504322.6	5407883.4	84853.29688	227.44	55.6	48.823917	-86.941108	56225.52	56281.6	-31.55	56193.97	56192.19141	56188.35263	56186.90234	504322.6	5407883.4
L4325.0	504322.6	5407883.4	84853.39844	228.99	55.54	48.823917	-86.941108	56225.77	56281.5	-31.55	56194.22	56192.45313	56188.09056	56186.65625	504322.6	5407883.4
L4325.0	504322.6	5407884.5	84853.50000	226.56	55.54	48.823926	-86.941109	56225.25	56281.5	-31.54	56193.71	56191.95703	56187.87642	56186.45703	504322.6	5407884.5
L4325.0	504322.6	5407885.5	84853.60156	226.83	55.53	48.823935	-86.941109	56225.14	56281.5	-31.54	56193.60	56191.85938	56187.63283	56186.23047	504322.6	5407885.5
L4325.0	504322.6	5407886.2	84853.70313	226.97	44.86	48.823942	-86.941109	56225.24	56281.5	-31.54	56193.70	56191.96875	56187.37240	56185.98438	504322.6	5407886.2
L4325.0	504322.6	5407887.3	84853.79688	228.86	44.29	48.823952	-86.941109	56225.46	56281.5	-31.54	56193.93	56192.21484	56187.10042	56185.73047	504322.6	5407887.3
L4325.0	504322.6	5407888.4	84853.89844	229.64	44.29	48.823962	-86.941110	56225.36	56281.5	-31.53	56193.83	56192.12500	56186.84750	56185.49219	504322.6	5407888.4
L4325.0	504322.6	5407888.4	84854.00000	228.19	49.66	48.823962	-86.941110	56224.72	56281.5	-31.53	56193.19	56191.50000	56186.62758	56185.28906	504322.6	5407888.4
L4325.0	504322.5	5407889.4	84854.10156	225.32	48.53	48.823971	-86.941110	56224.63	56281.5	-31.53	56193.10	56191.42188	56186.36797	56185.04297	504322.5	5407889.4
L4325.0	504322.5	5407890.5	84854.20313	224.39	48.53	48.823980	-86.941110	56223.88	56281.5	-31.52	56192.36	56190.69531	56186.14860	56184.83984	504322.5	5407890.5
L4325.0	504322.5	5407891.7	84854.29688	224.95	42.43	48.823991	-86.941110	56224.55	56281.5	-31.51	56193.04	56191.38672	56185.83144	56184.53516	504322.5	5407891.7
L4325.0	504322.5	5407891.7	84854.39844	223.68	42.43	48.823991	-86.941110	56224.21	56281.5	-31.51	56192.70	56191.05859	56185.57911	56184.29688	504322.5	5407891.7
L4325.0	504322.5	5407893.1	84854.50000	221.25	51.35	48.824004	-86.941110	56224.42	56281.5	-31.50	56192.92	56191.29297	56185.28622	56184.01953	504322.5	5407893.1
L4325.0	504322.5	5407894.1	84854.60156	220.23	51.35	48.824013	-86.941110	56224.52	56281.5	-31.50	56193.02	56191.40625	56184.99808	56183.74609	504322.5	5407894.1
L4325.0	504322.5	5407894.1	84854.60156	220.23	51.58	48.824013	-86.941110	56223.76	56281.5	-31.50	56192.26	56190.66016	56184.76397	56183.52344	504322.5	5407894.1
L4325.0	504322.5	5407895.2	84854.79688	220.26	51.24	48.824023	-86.941111	56222.68	56281.5	-31.49	56191.19	56189.60156	56184.54719	56183.32031	504322.5	5407895.2
L4325.0	504322.5	5407898.9	84855.10156	220.09	47.12	48.824056	-86.941111	56222.58	56281.5	-31.48	56191.10	56189.52734	56184.26171	56183.04688	504322.5	5407898.9
L4325.0	504322.5	5407898.9	84855.20313	220.30	47.12	48.824056	-86.941111	56222.32	56281.5	-31.48	56190.84	56189.28125	56183.98414	56182.78125	504322.5	5407898.9
L4325.0	504322.5	5407900.0	84855.29688	221.80	46.09	48.824066	-86.941111	56222.15	56281.5	-31.48	56190.67	56189.12500	56183.69713	56182.50781	504322.5	5407900.0
L4325.0	504322.5	5407901.1	84855.39844	222.70	41.76	48.824076	-86.941110	56222.76	56281.5	-31.48	56191.28	56189.74609	56183.35464	56182.17578	504322.5	5407901.1
L4325.0	504322.5	5407901.1	84855.50000	225.13	41.76	48.824076	-86.941110	56222.31	56281.5	-31.47	56190.83	56189.31250	56183.07931	56181.91406	504322.5	5407901.1
L4325.0	504322.5	5407902.4	84855.60156	224.60	47.61	48.824088	-86.941110	56221.61	56281.5	-31.47	56190.13	56188.62500	56182.81710	56181.66016	504322.5	5407902.4
L4325.0	504322.5	5407903.4	84855.70313	224.35	47.61	48.824096	-86.941110	56221.23	56281.5	-31.47	56189.76	56188.26953	56182.52931	56181.38281	504322.5	5407903.4
L4325.0	504322.5	5407904.6	84855.79688	226.43	46.27	48.824107	-86.941110	56221.45	56281.5	-31.47	56189.98	56188.50391	56182.19860	56181.06250	504322.5	5407904.6
L4325.0	504322.5	5407904.6	84855.89844	226.18	44.9	48.824107	-86.941110	56221.21	56281.5	-31.47	56189.74	56188.27734	56181.89492	56180.76953	504322.5	5407904.6
L4325.0	504322.5	5407906.9	84856.00000	224.70	44.9	48.824128	-86.941110	56220.84	56281.5	-31.47	56189.37	56187.91797	56181.59626	56180.48047	504322.5	5407906.9
L4325.0	504322.5	5407906.9	84856.10156	226.05	41.87	48.824128	-86.941110	56220.66	56281.5	-31.46	56189.20	56187.76172	56181.28060	56180.17188	504322.5	5407906.9
L4325.0	504322.5	5407907.7	84856.20313	225.87	42.12	48.824135	-86.941110	56220.13	56281.5	-31.46	56188.68	56187.25781	56180.98457	56179.88672	504322.5	5407907.7
L4325.0	504322.5	5407908.7	84856.29688	224.54	42.12	48.824144	-86.941110	56220.59	56281.4	-31.45	56189.14	56187.73047	56180.61950	56179.52734	504322.5	5407908.7
L4325.0	504322.5	5407909.9	84856.39844	226.28	43.53	48.824155	-86.941110	56219.44	56281.4	-31.44	56188.00	56186.60547	56180.35737	56179.27344	504322.5	5407909.9
L4325.0	504322.5	5407910.9	84856.50000	228.20	44.5	48.824164	-86.941110	56220.13	56281.4	-31.44	56188.70	56187.31641	56179.96882	56178.89453	504322.5	5407910.9
L4325.0	504322.6	5407912.2	84856.60156	230.23	44.5	48.824176	-86.941109	56219.55	56281.4	-31.43	56188.12	56186.75000	56179.66185	56178.59375	504322.6	5407912.2
L4325.0	504322.6	5407912.2	84856.60156	230.23	43.74	48.824176	-86.941109	56219.34	56281.4	-31.43	56187.92	56186.56250	56179.32578	56178.26172	504322.6	5407912.2
L4325.0	504322.6	5407913.4	84856.79688	225.70	43.74	48.824186	-86.941109	56218.70	56281.4	-31.41	56187.28	56185.93750	56179.01526	56177.95703	504322.6	5407913.4
L4325.0	504322.6	5407914.5	84856.89844	226.41	44.2	48.824197	-86.941109	56217.68	56281.4	-31.41	56186.27	56184.94141	56178.72562	56177.67188	504322.6	5407914.5
L4325.0	504322.6	5407915.6	84857.00000	226.42	44.2	48.824206	-86.941108	56216.92	56281.4	-31.40	56185.52	56184.20313	56178.41486	56177.36719	504322.6	5407915.6
L4325.0	504322.7	5407917.0	84857.10156	226.73	44.28	48.824219	-86.941108	56217.93	56281.4	-31.40	56186.54	56185.23828	56177.98231	56176.93750	504322.7	5407917.0
L4325.0	504322.7	5407917.0	84857.20313	224.58	43.34	48.824219	-86.941108	56217.48	56281.4	-31.39	56186.09	56184.80078	56177.64397	56176.60156	504322.7	5407917.0
L4325.0	504322.7	5407918.1	84857.29688	224.52	43.34	48.824229	-86.941108	56216.94	56281.4	-31.39	56185.55	56184.27344	56177.30784	56176.26953	504322.7	5407918.1
L4325.0	504322.7	5407919.5	84857.39844	226.57	49.85	48.824241	-86.941107	56215.91	56281.4	-31.38	56184.53	56183.26563	56176.99993	56175.96484	504322.7	5407919.5
L4325.0	504322.7	5407920.5	84857.50000	224.61	49.85	48.824250	-86.941107	56215.25	56281.4	-31.38	56183.87	56182.61719	56176.66424	56175.62891	504322.7	5407920.5
L4325.0	504322.7	5407920.5	84857.60156	223.94	44.16	48.824250	-86.941107	56215.24	56281.4	-31.38	56183.86	56182.62109	56176.28144	56175.24609	504322.7	5407920.5
L4325.0	504322.8	5407921.8	84857.70313	223.00	44.16	48.824262	-86.941106	56214.95	56281.4	-31.37	56183.57	56182.34375	56175.91355	56174.87891	504322.8	5407921.8
L4325.0	504322.8	5407923.2	84857.79688	225.07	46.97	48.824275	-86.941106	56214.82	56281.4	-31.37	56183.45	56182.23438	56175.53058	56174.49609	504322.8	5407923.2
L4325.0	504322.8	5407923.2	84857.89844	225.89	46.13	48.824275	-86.941106	56214.85	56281.4	-31.36	56183.48	56182.27734	56175.13389	56174.09766	504322.8	5407923.2
L4325.0	504322.8	5407924.5	84858.00000	225.49	47.17	48.824286	-86.941105	56214.44	56281.4	-31.36	56183.08	56181.89063	56174.76214	56173.72266	504322.8	5407924.5
L4325.0	504322.9	5407925.4	84858.10156	223.13	46.93	48.824295	-86.941105	56212.74	56281.4	-31.36	56181.38	56180.20313	56174.47336	56173.42969	504322.9	5407925.4
L4325.0	504322.9	5407926.7	84858.20313	222.41	46.93	48.824306	-86.941104	56212.68	56281.4	-31.35	56181.32	56180.15234	56174.07157	56173.02734	504322.9	5407926.7
L4325.0	504322.9	5407927.5	84858.29688	222.90	48.7	48.824313	-86.941104	56212.45	56281.4	-31.35	56181.09	56179.93359	56173.67746	56172.62891	504322.9	5407927.5
L4325.0	504322.9	5407928.6	84858.39844	221.93	48.7	48.824323	-86.941104	56212.05	56281.3	-31.35	56180.70	56179.55859	56173.29039	56172.23438	504322.9	5407928.6
L4325.0	504323.0	5407929.8	84858.50000	220.45	48.75	48.824334	-86.941103	56211.21	56281.3	-31.35	56179.87	56178.73828	56172.92905	56171.86719	504323.0	5407929.8
L4325.0	504323.0	5407929.8	84858.60156	221.72	46.24	48.824334	-86.941103	56211.31	56281.3	-31.34	56179.96	56178.83984	56172.50279	56171.43359	504323.0	5407929.8
L4325.0	504323.0	5407931.2	84858.60156	221.72	46.77	48.824346	-86.941103	56210.28	56281.3	-31.34	56178.94	56177.83203	56172.14699	56171.07031	504323.0	5407931.2
L4325.0	504323.0	5407932.4	84858.79688	224.99	46.77	48.824357	-86.941102	56210.12	56281.3	-31.34	56178.78	56177.68359	56171.73033	56170.64453	504323.0	5407932.4
L4325.0	504323.1	5407933.1	84858.89844	225.38	46.77	48.824363	-86.941102	56209.88	56281.3	-31.33	56178.55	56177.46094	56171.31485	56170.21875	504323.1	5407933.1
L4325.0	504323.1	5407934.5	84859.00000	223.63	50.39	48.824376	-86.941102	56209.56	56281.3	-31.33	56178.23	56177.15234	56170.90192	56169.79688	504323.1	5407934.5
L4325.0	504323.1	5407935.6	84859.10156	225.71	47.03	48.824386	-86.941102	56208.95	56281.3	-31.33	56177.63	56176.56250	56170.50423	56169.38672	504323.1	5407935.6
L4325.0	504323.1	5407936.8	84859.20313	224.84	45.57	48.824397	-86.941101	56207.40	56281.3	-31.32	56176.08	56175.02344	56170.16650	56169.03516	504323.1	5407936.8
L4325.0	504323.1	5407936.8	84859.29688	226.27	45.57	48.824397	-86.941101	56207.78	56281.3	-31.32	56176.46	56175.41406	56169.69675	56168.55469	504323.1	5407936.8
L4325.0	504323.2	5407939.2	84859.39844	227.38	55.73	48.824419	-86.941101	56206.86	56281.3	-31.32	56175.54	56174.50391	56169.31036	56168.15234	504323.2	5407939.2
L4325.0	504323.2	5407939.2	84859.50000	228.85	40.96	48.824419	-86.941101	56206.78	56281.3	-31.32	56175.46	56174.43359	56168.86469	56167.69141	504323.2	5407939.2
L4325.0	504323.2	5407940.2	84859.60156	231.03	40.96	48.824428	-86.941101	56205.51	56281.3	-31.31	56174.20	56173.18750	56168.49447	56167.30469	504323.2	5407940.2
L4325.0	504323.2	5407941.8	84859.70313	231.29	46.47	48.824442	-86.941100	56205.23	56281.3	-31.31	56173.92	56172.91406	56168.05572	56166.84766	504323.2	5407941.8
L4325.0	504323.2	5407942.7	84859.79688	231.49	46.47	48.824450	-86.941100	56204.70	56281.3	-31.31	56173.39	56172.39453	56167.63050	56166.40234	504323.2	5407942.7
L4325.0	504323.2	5407942.7	84859.89844	230.86	53.01	48.824450	-86.941100	56204.48	56281.3	-31.30	56173.17	56172.18359	56167.18150	56165.93359	504323.2	5407942.7
L4325.0	504323.2	5407944.1	84860.00000	230.44	55.08	48.824463	-86.941100	56204.24	56281.3	-31.30	56172.94	56171.96484	56166.73011	56165.46094	504323.2	5407944.1
L4325.0	504323.2	5407945.4	84860.10156	228.51	55.08	48.824474	-86.941100	56203.04	56281.3	-31.30	56171.74	56170.77344	56166.34037	56165.04688	504323.2	5407945.4
L4325.0	504323.2	5407946.4	84860.20313	226.00	56.14	48.824483	-86.941100	56202.60	56281.3	-31.30	56171.31	56170.35156	56165.89632	56164.57813	504323.2	5407946.4
L4325.0	504323.3	5407947.9	84860.29688	222.82	56.14	48.824497	-86.941099	56202.41	56281.3	-31.29	56171.12	56170.17188	56165.43335	56164.08984	504323.3	5407947.9
L4325.0	504323.3	5407948.9	84860.39844	226.17	52.98	48.824506	-86.941099	56201.61	56281.3	-31.29	56170.32	56169.38281	56165.00815	56163.64063	504323.3	5407948.9
L4325.0	504323.3	5407948.9	84860.50000	225.86	56.48	48.824506	-86.941099	56201.75	56281.3	-31.29	56170.46	56169.53125	56164.51745	56163.12109	504323.3	5407948.9
L4325.0	504323.3	5407950.4	84860.60156	225.73	56.48	48.824519	-86.941099	56199.69	56281.3	-31.29	56168.40	56167.48047	56164.17061	56162.74609	504323.3	5407950.4
L4325.0	504323.3	5407952.0	84860.60156	225.73	47.81	48.824534	-86.941099	56199.62	56281.3	-31.29	56168.33	56167.41797	56163.68835	56162.23047	504323.3	5407952.0
L4325.0	504323.3	5407953.0	84860.79688	220.72	46.64	48.824543	-86.941099	56198.72	56281.3	-31.28	56167.44	56166.53906	56163.25805	56161.76953	504323.3	5407953.0
L4325.0	504323.3	5407954.1	84860.89844	222.83	46.64	48.824552	-86.941098	56198.28	56281.3	-31.28	56167.00	56166.10547	56162.79507	56161.27344	504323.3	5407954.1
L4325.0	504323.3	5407954.1	84861.00000	222.67	44.17	48.824552	-86.941098	56197.92	56281.3	-31.28	56166.64	56165.75781	56162.32413	56160.76953	504323.3	5407954.1
L4325.0	504323.3	5407955.8	84861.10156	222.04	44.17	48.824568	-86.941098	56197.66	56281.3	-31.28	56166.38	56165.50391	56161.84392	56160.25391	504323.3	5407955.8
L4325.0	504323.4	5407957.1	84861.20313	223.51	50.13	48.824580	-86.941098	56197.13	56281.3	-31.27	56165.85	56164.98438	56161.37916	56159.75000	504323.4	5407957.1
L4325.0	504323.4	5407958.5	84861.29688	223.19	50.13	48.824592	-86.941097	56195.56	56281.3	-31.27	56164.30	56163.44141	56160.97987	56159.31250	504323.4	5407958.5
L4325.0	504323.4	5407958.5	84861.39844	225.35	46.23	48.824592	-86.941097	56195.68	56281.3	-31.26	56164.42	56163.57031	56160.46676	56158.75781	504323.4	5407958.5
L4325.0	504323.4	5407959.9	84861.50000	223.38	46.23	48.824605	-86.941097	56195.18	56281.3	-31.26	56163.92	56163.08203	56159.99251	56158.24219	504323.4	5407959.9
L4325.0	504323.4	5407961.2	84861.60156	223.07	47.95	48.824617	-86.941097	56194.18	56281.3	-31.26	56162.92	56162.08984	56159.54917	56157.75391	504323.4	5407961.2
L4325.0	504323.5	5407962.3	84861.70313	225.83	48.85	48.824626	-86.941097	56193.81	56281.3	-31.25	56162.56	56161.73828	56159.06074	56157.22266	504323.5	5407962.3
L4325.0	504323.5	5407963.5	84861.79688	228.29	48.85	48.824638	-86.941096	56192.96	56281.2	-31.25	56161.71	56160.89844	56158.60259	56156.71875	504323.5	5407963.5
L4325.0	504323.5	5407963.5	84861.89844	227.08	41.44	48.824638	-86.941096	56192.84	56281.2	-31.24	56161.60	56160.79688	56158.09273	56156.16016	504323.5	5407963.5
L4325.0	504323.5	5407965.3	84862.00000	225.47	41.44	48.824653	-86.941096	56191.70	56281.2	-31.24	56160.46	56159.66797	56157.64917	56155.66797	504323.5	5407965.3
L4325.0	504323.5	5407966.8	84862.10156	223.99	47.35	48.824667	-86.941096	56190.36	56281.2	-31.24	56159.12	56158.33594	56157.21659	56155.18359	504323.5	5407966.8
L4325.0	504323.5	5407966.8	84862.20313	224.96	47.35	48.824667	-86.941096	56190.31	56281.2	-31.23	56159.08	56158.30469	56156.69499	56154.60938	504323.5	5407966.8
L4325.0	504323.5	5407968.1	84862.29688	226.24	39.66	48.824678	-86.941095	56189.73	56281.2	-31.22	56158.51	56157.74609	56156.20638	56154.06641	504323.5	5407968.1
L4325.0	504323.6	5407969.5	84862.39844	225.32	39.66	48.824691	-86.941095	56190.43	56281.2	-31.22	56159.21	56158.45313	56155.63074	56153.43359	504323.6	5407969.5
L4325.0	504323.6	5407970.5	84862.50000	225.57	46.85	48.824700	-86.941095	56188.27	56281.2	-31.21	56157.06	56156.31250	56155.24273	56152.98828	504323.6	5407970.5
L4325.0	504323.6	5407970.5	84862.60156	226.93	44.74	48.824700	-86.941095	56187.98	56281.2	-31.21	56156.77	56156.03516	56154.72835	56152.41406	504323.6	5407970.5

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4325.0	504323.6	5407972.2	84862.60156	226.93	44.74	48.824715	-86.941095	56186.56	56281.2	-31.21	56155.35	56154.62500	56154.28689	56151.91016	504323.6	5407972.2
L4325.0	504323.6	5407973.7	84862.79688	228.62	43.58	48.824729	-86.941095	56187.96	56281.2	-31.20	56156.76	56156.04297	56153.65435	56151.21484	504323.6	5407973.7
L4325.0	504323.6	5407975.0	84862.89844	227.21	43.58	48.824741	-86.941095	56187.39	56281.2	-31.19	56156.20	56155.49609	56153.15069	56150.64844	504323.6	5407975.0
L4325.0	504323.6	5407976.3	84863.00000	227.30	44.14	48.824752	-86.941095	56185.93	56281.2	-31.19	56154.74	56154.04688	56152.70454	56150.13672	504323.6	5407976.3
L4325.0	504323.5	5407977.4	84863.10156	227.55	49.03	48.824762	-86.941095	56185.81	56281.2	-31.19	56154.62	56153.93750	56152.16652	56149.53125	504323.5	5407977.4
L4325.0	504323.5	5407977.4	84863.20313	228.39	49.03	48.824762	-86.941095	56184.52	56281.2	-31.18	56153.34	56152.66797	56151.70327	56148.99609	504323.5	5407977.4
L4325.0	504323.5	5407978.7	84863.29688	228.11	51.67	48.824774	-86.941095	56185.04	56281.2	-31.18	56153.86	56153.19922	56151.11740	56148.33984	504323.5	5407978.7
L4325.0	504323.5	5407980.1	84863.39844	227.90	51.67	48.824786	-86.941095	56184.28	56281.2	-31.17	56153.11	56152.46094	56150.61353	56147.76563	504323.5	5407980.1
L4325.0	504323.5	5407981.8	84863.50000	229.62	45.44	48.824802	-86.941096	56183.94	56281.2	-31.17	56152.77	56152.13281	56150.07959	56147.15625	504323.5	5407981.8
L4325.0	504323.5	5407981.8	84863.60156	228.94	45.3	48.824802	-86.941096	56183.00	56281.2	-31.17	56151.83	56151.20313	56149.58286	56146.58203	504323.5	5407981.8
L4325.0	504323.5	5407982.9	84863.70313	228.26	45.3	48.824812	-86.941096	56182.59	56281.2	-31.16	56151.43	56150.81641	56149.04727	56145.96875	504323.5	5407982.9
L4325.0	504323.5	5407984.4	84863.79688	227.17	45.23	48.824825	-86.941096	56182.41	56281.2	-31.16	56151.26	56150.65625	56148.49342	56145.33594	504323.5	5407984.4
L4325.0	504323.5	5407985.6	84863.89844	228.62	45.23	48.824836	-86.941096	56181.52	56281.2	-31.15	56150.36	56149.76953	56147.98524	56144.74609	504323.5	5407985.6
L4325.0	504323.5	5407985.6	84864.00000	229.42	48.06	48.824836	-86.941096	56180.94	56281.2	-31.15	56149.79	56149.21484	56147.45197	56144.12891	504323.5	5407985.6
L4325.0	504323.4	5407986.9	84864.10156	229.24	45.69	48.824847	-86.941097	56180.83	56281.1	-31.15	56149.68	56149.11719	56146.88488	56143.48047	504323.4	5407986.9
L4325.0	504323.4	5407988.2	84864.20313	230.33	45.69	48.824859	-86.941097	56180.22	56281.1	-31.14	56149.08	56148.53125	56146.34721	56142.85547	504323.4	5407988.2
L4325.0	504323.4	5407990.2	84864.29688	228.76	42.54	48.824877	-86.941097	56179.50	56281.1	-31.14	56148.37	56147.83594	56145.81354	56142.23438	504323.4	5407990.2
L4325.0	504323.4	5407991.3	84864.39844	227.80	42.54	48.824887	-86.941098	56179.29	56281.1	-31.13	56148.15	56147.62891	56145.24378	56141.57422	504323.4	5407991.3
L4325.0	504323.4	5407991.3	84864.50000	224.94	44.45	48.824887	-86.941098	56178.39	56281.1	-31.13	56147.26	56146.75391	56144.71517	56140.95313	504323.4	5407991.3
L4325.0	504323.3	5407992.6	84864.60156	221.76	44.45	48.824899	-86.941098	56177.31	56281.1	-31.13	56146.18	56145.69141	56144.19560	56140.34375	504323.3	5407992.6
L4325.0	504323.3	5407994.1	84864.60156	221.76	45.12	48.824913	-86.941098	56177.11	56281.1	-31.13	56145.98	56145.50391	56143.61366	56139.66406	504323.3	5407994.1
L4325.0	504323.3	5407995.4	84864.79688	221.79	45.12	48.824925	-86.941099	56177.79	56281.1	-31.12	56146.67	56146.21094	56142.96856	56138.92578	504323.3	5407995.4
L4325.0	504323.3	5407995.4	84864.89844	224.75	48.31	48.824925	-86.941099	56176.60	56281.1	-31.11	56145.48	56145.03906	56142.44487	56138.30469	504323.3	5407995.4
L4325.0	504323.2	5407997.0	84865.00000	226.21	48.31	48.824938	-86.941099	56176.37	56281.1	-31.11	56145.26	56144.83594	56141.85248	56137.61328	504323.2	5407997.0
L4325.0	504323.2	5407998.5	84865.10156	227.45	58.01	48.824952	-86.941100	56174.66	56281.1	-31.11	56143.55	56143.14063	56141.35528	56137.01563	504323.2	5407998.5
L4325.0	504323.2	5408000.3	84865.20313	228.96	58.01	48.824968	-86.941100	56174.35	56281.1	-31.11	56143.24	56142.84766	56140.76049	56136.31641	504323.2	5408000.3
L4325.0	504323.2	5408000.3	84865.29688	227.62	53.17	48.824968	-86.941100	56174.27	56281.1	-31.10	56143.17	56142.79688	56140.14533	56135.59766	504323.2	5408000.3
L4325.0	504323.1	5408001.8	84865.39844	228.59	53.17	48.824982	-86.941100	56174.47	56281.1	-31.10	56143.37	56143.01563	56139.50768	56134.85547	504323.1	5408001.8
L4325.0	504323.1	5408003.5	84865.50000	227.23	46.1	48.824997	-86.941101	56172.71	56281.1	-31.10	56141.61	56141.27344	56138.99608	56134.23828	504323.1	5408003.5
L4325.0	504323.1	5408004.9	84865.60156	228.73	46.1	48.825010	-86.941101	56172.45	56281.1	-31.10	56141.36	56141.04297	56138.37909	56133.51172	504323.1	5408004.9
L4325.0	504323.1	5408004.9	84865.70313	227.54	48.31	48.825010	-86.941101	56172.54	56281.1	-31.10	56141.45	56141.15234	56137.73457	56132.75781	504323.1	5408004.9
L4325.0	504323.0	5408006.3	84865.79688	227.31	59.23	48.825022	-86.941102	56171.52	56281.1	-31.09	56140.42	56140.14063	56137.15974	56132.07422	504323.0	5408006.3
L4325.0	504323.0	5408007.8	84865.89844	225.60	59.23	48.825036	-86.941102	56170.68	56281.1	-31.09	56139.59	56139.33203	56136.56647	56131.36719	504323.0	5408007.8
L4325.0	504323.0	5408007.8	84866.00000	225.93	59.73	48.825036	-86.941102	56170.34	56281.1	-31.09	56139.25	56139.01563	56135.93529	56130.62109	504323.0	5408007.8
L4325.0	504323.0	5408009.3	84866.10156	226.59	59.73	48.825049	-86.941102	56169.54	56281.1	-31.08	56138.45	56138.23438	56135.32941	56129.90234	504323.0	5408009.3
L4325.0	504323.0	5408011.0	84866.20313	223.78	55.28	48.825064	-86.941103	56169.49	56281.1	-31.08	56138.41	56138.21484	56134.66736	56129.12500	504323.0	5408011.0
L4325.0	504323.0	5408012.3	84866.29688	223.46	55.28	48.825077	-86.941103	56168.61	56281.1	-31.07	56137.53	56137.35938	56134.05567	56128.39453	504323.0	5408012.3
L4325.0	504323.0	5408012.3	84866.39844	222.04	57.84	48.825077	-86.941103	56168.33	56281.1	-31.07	56137.26	56137.11328	56133.39755	56127.61719	504323.0	5408012.3
L4325.0	504322.9	5408013.7	84866.50000	223.23	57.84	48.825089	-86.941103	56167.38	56281.1	-31.06	56136.32	56136.19531	56132.77818	56126.87891	504322.9	5408013.7
L4325.0	504322.9	5408015.3	84866.60156	224.12	63.57	48.825103	-86.941103	56167.26	56281.1	-31.05	56136.20	56136.09766	56132.09810	56126.07813	504322.9	5408015.3
L4325.0	504322.9	5408015.3	84866.60156	224.12	63.57	48.825103	-86.941103	56166.11	56281.1	-31.05	56135.05	56134.97266	56131.48050	56125.33984	504322.9	5408015.3
L4325.0	504322.9	5408016.9	84866.79688	221.69	63.86	48.825117	-86.941103	56165.77	56281	-31.04	56134.73	56134.67578	56130.80124	56124.53516	504322.9	5408016.9
L4325.0	504322.9	5408018.6	84866.89844	224.38	63.86	48.825133	-86.941103	56164.52	56281	-31.04	56133.48	56133.44922	56130.17751	56123.78906	504322.9	5408018.6
L4325.0	504322.9	5408019.9	84867.00000	225.08	62.87	48.825144	-86.941103	56163.62	56281	-31.03	56132.59	56132.58594	56129.52318	56123.00781	504322.9	5408019.9
L4325.0	504323.0	5408021.5	84867.10156	225.20	62.87	48.825159	-86.941103	56162.96	56281	-31.02	56131.94	56131.96094	56128.84609	56122.20703	504323.0	5408021.5
L4325.0	504323.0	5408021.5	84867.20313	224.09	62.18	48.825159	-86.941103	56162.54	56281	-31.02	56131.52	56131.56641	56128.14677	56121.37891	504323.0	5408021.5
L4325.0	504323.0	5408023.3	84867.29688	225.31	63.51	48.825175	-86.941103	56162.24	56281	-31.01	56131.23	56131.30078	56127.43175	56120.53516	504323.0	5408023.3
L4325.0	504323.0	5408023.3	84867.39844	226.73	63.51	48.825175	-86.941103	56161.92	56281	-31.00	56130.92	56131.01953	56126.71087	56119.68750	504323.0	5408023.3
L4325.0	504323.0	5408024.9	84867.50000	227.12	63.68	48.825189	-86.941102	56161.30	56281	-31.00	56130.31	56130.43359	56126.00267	56118.85156	504323.0	5408024.9
L4325.0	504323.0	5408026.6	84867.60156	224.33	63.68	48.825205	-86.941102	56159.93	56281	-30.99	56128.94	56129.09375	56125.33766	56118.05469	504323.0	5408026.6
L4325.0	504323.0	5408027.6	84867.70313	224.34	63.02	48.825214	-86.941102	56159.17	56281	-30.98	56128.19	56128.37109	56124.62370	56117.21094	504323.0	5408027.6
L4325.0	504323.0	5408027.6	84867.79688	225.12	63.02	48.825214	-86.941102	56158.58	56281	-30.97	56127.61	56127.81641	56123.89065	56116.34375	504323.0	5408027.6
L4325.0	504323.0	5408029.0	84867.89844	225.01	62.78	48.825226	-86.941102	56158.16	56281	-30.97	56127.20	56127.43359	56123.13837	56115.46094	504323.0	5408029.0
L4325.0	504323.1	5408030.6	84868.00000	223.38	59	48.825241	-86.941101	56157.91	56281	-30.96	56126.95	56127.21484	56122.36738	56114.55859	504323.1	5408030.6
L4325.0	504323.1	5408032.0	84868.10156	223.19	59	48.825254	-86.941101	56156.16	56281	-30.95	56125.21	56125.50000	56121.68754	56113.74609	504323.1	5408032.0
L4325.0	504323.1	5408032.0	84868.20313	222.81	60.42	48.825254	-86.941101	56155.25	56280.9	-30.95	56124.31	56124.62891	56120.94337	56112.86719	504323.1	5408032.0
L4325.0	504323.1	5408033.5	84868.29688	222.88	60.42	48.825267	-86.941100	56155.07	56280.9	-30.94	56124.13	56124.47656	56120.14275	56111.93359	504323.1	5408033.5
L4325.0	504323.2	5408035.0	84868.39844	223.06	63.17	48.825281	-86.941100	56154.08	56280.9	-30.94	56123.15	56123.52734	56119.38688	56111.04297	504323.2	5408035.0
L4325.0	504323.2	5408036.2	84868.50000	221.90	63.17	48.825291	-86.941099	56153.12	56280.9	-30.93	56122.19	56122.59766	56118.62094	56110.14063	504323.2	5408036.2
L4325.0	504323.2	5408037.6	84868.60156	222.25	63.26	48.825304	-86.941099	56152.29	56280.9	-30.92	56121.37	56121.80469	56117.83682	56109.22266	504323.2	5408037.6
L4325.0	504323.2	5408037.6	84868.70313	222.25	56.91	48.825304	-86.941099	56151.54	56280.9	-30.92	56120.62	56121.08203	56117.03904	56108.28906	504323.2	5408037.6
L4325.0	504323.2	5408039.4	84868.79688	222.80	56.91	48.825320	-86.941099	56151.07	56280.9	-30.91	56120.16	56120.65234	56116.21283	56107.32813	504323.2	5408039.4
L4325.0	504323.2	5408039.4	84868.89844	222.20	50.03	48.825320	-86.941099	56149.89	56280.9	-30.91	56118.99	56119.51172	56115.42473	56106.40625	504323.2	5408039.4
L4325.0	504323.3	5408041.0	84869.00000	224.45	50.03	48.825334	-86.941098	56149.02	56280.9	-30.90	56118.12	56118.67188	56114.60729	56105.45313	504323.3	5408041.0
L4325.0	504323.3	5408042.7	84869.10156	224.86	47.09	48.825350	-86.941098	56147.59	56280.9	-30.90	56116.70	56117.28125	56113.81705	56104.52344	504323.3	5408042.7
L4325.0	504323.3	5408044.0	84869.20313	224.84	47.09	48.825361	-86.941098	56147.07	56280.9	-30.89	56116.18	56116.78906	56112.95725	56103.53125	504323.3	5408044.0
L4325.0	504323.3	5408044.0	84869.29688	223.56	61.71	48.825361	-86.941098	56145.34	56280.9	-30.89	56114.46	56115.09766	56112.16778	56102.60547	504323.3	5408044.0
L4325.0	504323.3	5408045.9	84869.39844	224.96	61.87	48.825378	-86.941097	56144.12	56280.9	-30.88	56113.23	56113.89453	56111.33587	56101.63672	504323.3	5408045.9
L4325.0	504323.4	5408047.5	84869.50000	226.91	61.87	48.825393	-86.941097	56143.77	56280.9	-30.88	56112.89	56113.58594	56110.43477	56100.60156	504323.4	5408047.5
L4325.0	504323.4	5408047.5	84869.60156	227.28	61.42	48.825393	-86.941097	56142.52	56280.9	-30.88	56111.65	56112.37109	56109.58371	56099.61328	504323.4	5408047.5
L4325.0	504323.4	5408049.1	84869.70313	226.48	61.42	48.825407	-86.941097	56141.69	56280.9	-30.87	56110.82	56111.57031	56108.69528	56098.58984	504323.4	5408049.1
L4325.0	504323.4	5408050.4	84869.79688	226.40	58.39	48.825419	-86.941097	56140.81	56280.9	-30.87	56109.94	56110.71875	56107.80007	56097.56250	504323.4	5408050.4
L4325.0	504323.4	5408051.8	84869.89844	225.37	58.23	48.825432	-86.941096	56139.23	56280.9	-30.86	56108.37	56109.17578	56106.94068	56096.56641	504323.4	5408051.8
L4325.0	504323.4	5408051.8	84870.00000	225.04	58.23	48.825432	-86.941096	56138.18	56280.9	-30.86	56107.32	56108.15234	56106.03637	56095.52734	504323.4	5408051.8
L4325.0	504323.4	5408053.4	84870.10156	222.91	58.04	48.825446	-86.941096	56136.81	56280.9	-30.85	56105.96	56106.82031	56105.14242	56094.50000	504323.4	5408053.4
L4325.0	504323.4	5408055.1	84870.20313	225.94	58.04	48.825461	-86.941096	56136.53	56280.8	-30.85	56105.68	56106.56641	56104.16611	56093.39063	504323.4	5408055.1
L4325.0	504323.4	5408056.4	84870.29688	226.25	59.11	48.825473	-86.941096	56135.29	56280.8	-30.84	56104.45	56105.35938	56103.24275	56092.33594	504323.4	5408056.4
L4325.0	504323.4	5408056.4	84870.39844	227.06	59.11	48.825473	-86.941096	56133.52	56280.8	-30.84	56102.68	56103.61719	56102.34496	56091.30469	504323.4	5408056.4
L4325.0	504323.4	5408057.8	84870.50000	224.93	56.87	48.825485	-86.941096	56131.29	56280.8	-30.83	56100.46	56101.42188	56101.46672	56090.29688	504323.4	5408057.8
L4325.0	504323.4	5408059.3	84870.60156	226.61	56.87	48.825499	-86.941096	56130.77	56280.8	-30.82	56099.95	56100.93359	56100.46402	56089.16406	504323.4	5408059.3
L4325.0	504323.4	5408060.9	84870.60156	226.61	56.4	48.825514	-86.941096	56129.67	56280.8	-30.82	56098.85	56099.85938	56099.49019	56088.05859	504323.4	5408060.9
L4325.0	504323.4	5408061.8	84870.79688	227.20	56.4	48.825521	-86.941096	56128.62	56280.8	-30.81	56097.80	56098.83203	56098.50258	56086.94141	504323.4	5408061.8
L4325.0	504323.4	5408063.1	84870.89844	225.79	52.74	48.825533	-86.941096	56127.40	56280.8	-30.81	56096.60	56097.65234	56097.51453	56085.82422	504323.4	5408063.1
L4325.0	504323.4	5408063.1	84871.00000	224.59	54.79	48.825533	-86.941096	56124.44	56280.8	-30.80	56093.64	56094.71484	56096.63342	56084.81641	504323.4	5408063.1
L4325.0	504323.5	5408065.5	84871.10156	223.37	54.79	48.825554	-86.941095	56124.09	56280.8	-30.80	56093.29	56094.38672	56095.56797	56083.62500	504323.5	5408065.5
L4325.0	504323.5	5408067.0	84871.20313	224.10	60.05	48.825568	-86.941095	56122.29	56280.8	-30.79	56091.49	56092.60547	56094.58888	56082.51953	504323.5	5408067.0
L4325.0	504323.5	5408067.0	84871.29688	222.07	58.49	48.825568	-86.941095	56120.09	56280.8	-30.79	56089.30	56090.43359	56093.62559	56081.42969	504323.5	5408067.0
L4325.0	504323.5	5408068.4	84871.39844	221.29	58.49	48.825581	-86.941095	56119.81	56280.8	-30.79	56089.03	56090.18359	56092.52417	56080.20313	504323.5	5408068.4
L4325.0	504323.5	5408069.6	84871.50000	222.49	53.86	48.825592	-86.941095	56117.59	56280.8	-30.79	56086.80	56087.96875	56091.54341	56079.10156	504323.5	5408069.6
L4325.0	504323.5	5408070.7	84871.60156	224.51	53.86	48.825601	-86.941095	56116.22	56280.8	-30.78	56085.44	56086.62500	56090.49475	56077.92969	504323.5	5408070.7
L4325.0	504323.5	5408071.9	84871.70313	224.84	54.58	48.825613	-86.941095	56114.35	56280.8	-30.78	56083.57	56084.76953	56089.47035	56076.78516	504323.5	5408071.9
L4325.0	504323.5	5408071.9	84871.79688	223.62	60.74	48.825613	-86.941095	56112.15	56280.8	-30.78	56081.37	56082.58203	56088.45835	56075.65234	504323.5	5408071.9
L4325.0	504323.5	5408073.6	84871.89844	226.23	60.74	48.825627	-86.941095	56111.34	56280.8	-30.77	56080.57	56081.79688	56087.34362	56074.41797	504323.5	5408073.6

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4325.0	504323.5	5408075.1	84872.00000	228.72	60.81	48.825641	-86.941094	56109.12	56280.8	-30.77	56078.35	56079.58984	56086.31434	56073.27344	504323.5	5408075.1
L4325.0	504323.5	5408076.4	84872.10156	228.98	60.81	48.825652	-86.941094	56107.44	56280.8	-30.77	56076.67	56077.91797	56085.24009	56072.08203	504323.5	5408076.4
L4325.0	504323.5	5408077.6	84872.20313	226.41	54.54	48.825664	-86.941094	56105.52	56280.8	-30.76	56074.76	56076.01953	56084.17242	56070.89844	504323.5	5408077.6
L4325.0	504323.5	5408079.1	84872.29688	227.85	54.94	48.825677	-86.941094	56103.55	56280.8	-30.76	56072.79	56074.05469	56083.10030	56069.71484	504323.5	5408079.1
L4325.0	504323.5	5408079.1	84872.39844	229.33	51.25	48.825677	-86.941094	56101.90	56280.8	-30.75	56071.14	56072.41406	56081.99867	56068.50000	504323.5	5408079.1
L4325.0	504323.5	5408080.3	84872.50000	229.54	51.25	48.825688	-86.941094	56100.11	56280.8	-30.75	56069.36	56070.64063	56080.89785	56067.28906	504323.5	5408080.3
L4325.0	504323.6	5408081.6	84872.60156	230.20	48.87	48.825700	-86.941094	56097.81	56280.7	-30.75	56067.06	56068.34375	56079.82420	56066.10156	504323.6	5408081.6
L4325.0	504323.6	5408083.0	84872.60156	230.20	50.55	48.825712	-86.941094	56095.68	56280.7	-30.75	56064.94	56066.22656	56078.73143	56064.90234	504323.6	5408083.0
L4325.0	504323.6	5408084.7	84872.79688	229.85	48.92	48.825727	-86.941094	56093.78	56280.7	-30.74	56063.04	56064.32813	56077.61726	56063.67969	504323.6	5408084.7
L4325.0	504323.6	5408085.7	84872.89844	228.59	48.92	48.825737	-86.941093	56090.62	56280.7	-30.73	56059.89	56061.17578	56076.58014	56062.53906	504323.6	5408085.7
L4325.0	504323.6	5408085.7	84873.00000	227.86	44.38	48.825737	-86.941093	56088.93	56280.7	-30.73	56058.20	56059.48438	56075.43987	56061.29297	504323.6	5408085.7
L4325.0	504323.6	5408088.3	84873.10156	227.17	45.24	48.825760	-86.941093	56086.96	56280.7	-30.72	56056.23	56057.51172	56074.31294	56060.06250	504323.6	5408088.3
L4325.0	504323.6	5408089.2	84873.20313	226.63	45.24	48.825768	-86.941093	56084.80	56280.7	-30.72	56054.08	56055.35938	56073.19322	56058.84375	504323.6	5408089.2
L4325.0	504323.6	5408089.2	84873.29688	229.63	50.44	48.825768	-86.941093	56081.24	56280.7	-30.71	56050.53	56051.80078	56072.16261	56057.71484	504323.6	5408089.2
L4325.0	504323.6	5408090.6	84873.39844	227.34	54.87	48.825780	-86.941093	56079.95	56280.7	-30.70	56049.24	56050.50391	56070.97771	56056.42969	504323.6	5408090.6
L4325.0	504323.6	5408092.2	84873.50000	225.41	54.87	48.825795	-86.941093	56077.34	56280.7	-30.69	56046.64	56047.89844	56069.87716	56055.23438	504323.6	5408092.2
L4325.0	504323.6	5408093.8	84873.60156	226.50	58.99	48.825810	-86.941093	56074.58	56280.7	-30.69	56043.89	56045.13672	56068.78429	56054.04297	504323.6	5408093.8
L4325.0	504323.6	5408094.6	84873.70313	228.57	58.99	48.825817	-86.941094	56071.55	56280.7	-30.68	56040.87	56042.10156	56067.70781	56052.87500	504323.6	5408094.6
L4325.0	504323.6	5408096.0	84873.79688	228.87	58.7	48.825829	-86.941094	56068.56	56280.7	-30.67	56037.89	56039.10938	56066.62782	56051.70313	504323.6	5408096.0
L4325.0	504323.6	5408096.0	84873.89844	227.63	58.81	48.825829	-86.941094	56066.06	56280.7	-30.67	56035.39	56036.59375	56065.51575	56050.50000	504323.6	5408096.0
L4325.0	504323.5	5408097.6	84874.00000	227.72	58.81	48.825843	-86.941094	56063.89	56280.7	-30.66	56033.23	56034.41797	56064.38177	56049.27734	504323.5	5408097.6
L4325.0	504323.5	5408099.1	84874.10156	227.78	58.7	48.825857	-86.941094	56061.33	56280.7	-30.65	56030.67	56031.83984	56063.27608	56048.08594	504323.5	5408099.1
L4325.0	504323.5	5408100.4	84874.20313	228.49	58.67	48.825868	-86.941094	56058.17	56280.6	-30.65	56027.52	56028.66797	56062.21224	56046.93750	504323.5	5408100.4
L4325.0	504323.5	5408100.4	84874.29688	225.60	58.52	48.825868	-86.941094	56054.78	56280.6	-30.64	56024.14	56025.26563	56061.16721	56045.80859	504323.5	5408100.4
L4325.0	504323.5	5408102.7	84874.39844	226.71	58.52	48.825890	-86.941094	56051.92	56280.6	-30.64	56021.28	56022.38281	56060.09195	56044.64844	504323.5	5408102.7
L4325.0	504323.5	5408102.7	84874.50000	225.46	58.46	48.825890	-86.941094	56047.90	56280.6	-30.63	56017.27	56018.34766	56059.09883	56043.57813	504323.5	5408102.7
L4325.0	504323.5	5408104.2	84874.60156	227.70	58.18	48.825903	-86.941095	56046.18	56280.6	-30.62	56015.56	56016.60938	56057.95890	56042.35547	504323.5	5408104.2
L4325.0	504323.5	5408105.5	84874.60156	227.70	58.3	48.825915	-86.941095	56042.59	56280.6	-30.62	56011.96	56012.98047	56056.95259	56041.27344	504323.5	5408105.5
L4325.0	504323.4	5408107.0	84874.79688	224.41	58.3	48.825928	-86.941095	56038.99	56280.6	-30.61	56008.38	56009.37109	56055.95372	56040.19922	504323.4	5408107.0
L4325.0	504323.4	5408108.1	84874.89844	225.41	58.26	48.825938	-86.941095	56035.53	56280.6	-30.61	56004.93	56005.88672	56054.95610	56039.12891	504323.4	5408108.1
L4325.0	504323.4	5408108.1	84875.00000	226.77	57.23	48.825938	-86.941095	56031.84	56280.6	-30.60	56001.24	56002.16406	56053.98562	56038.08594	504323.4	5408108.1
L4325.0	504323.4	5408111.1	84875.10156	225.52	57.23	48.825965	-86.941096	56028.04	56280.6	-30.59	55997.45	55998.33594	56053.03418	56037.06250	504323.4	5408111.1
L4325.0	504323.3	5408112.8	84875.20313	224.43	55.86	48.825980	-86.941096	56025.99	56280.6	-30.59	55995.40	55996.25000	56051.98039	56035.94141	504323.3	5408112.8
L4325.0	504323.3	5408112.8	84875.29688	225.35	56.66	48.825980	-86.941096	56022.48	56280.6	-30.58	55991.89	55992.69922	56051.03888	56034.93359	504323.3	5408112.8
L4325.0	504323.3	5408114.0	84875.39844	228.23	56.66	48.825991	-86.941097	56018.18	56280.6	-30.58	55987.60	55988.37109	56050.16564	56033.99219	504323.3	5408114.0
L4325.0	504323.3	5408115.8	84875.50000	226.62	49.5	48.826007	-86.941097	56013.90	56280.6	-30.57	55983.33	55984.05859	56049.30871	56033.07031	504323.3	5408115.8
L4325.0	504323.3	5408115.8	84875.60156	223.23	53.85	48.826007	-86.941097	56011.30	56280.6	-30.56	55980.73	55981.41406	56048.35945	56032.05859	504323.3	5408115.8
L4325.0	504323.3	5408117.1	84875.70313	223.08	53.85	48.826019	-86.941097	56008.06	56280.6	-30.56	55977.50	55978.13672	56047.47261	56031.11328	504323.3	5408117.1
L4325.0	504323.3	5408119.4	84875.79688	223.08	55.62	48.826039	-86.941097	56003.66	56280.6	-30.55	55973.11	55973.69922	56046.68493	56030.26563	504323.3	5408119.4
L4325.0	504323.3	5408119.4	84875.89844	222.78	57.18	48.826039	-86.941097	55999.69	56280.5	-30.55	55969.14	55969.68359	56045.89252	56029.41797	504323.3	5408119.4
L4325.0	504323.3	5408120.8	84876.00000	223.19	57.18	48.826052	-86.941097	55997.14	56280.5	-30.54	55966.60	55967.08984	56045.02948	56028.49609	504323.3	5408120.8
L4325.0	504323.3	5408122.1	84876.10156	223.78	57.08	48.826064	-86.941097	55993.04	56280.5	-30.54	55962.50	55962.93750	56044.29661	56027.71094	504323.3	5408122.1
L4325.0	504323.3	5408123.6	84876.20313	224.60	56.8	48.826077	-86.941098	55989.06	56280.5	-30.53	55958.53	55958.91406	56043.58269	56026.94141	504323.3	5408123.6
L4325.0	504323.2	5408125.1	84876.29688	225.03	56.7	48.826091	-86.941098	55985.50	56280.5	-30.53	55954.97	55955.30078	56042.87050	56026.17969	504323.2	5408125.1
L4325.0	504323.2	5408125.1	84876.39844	224.10	56.7	48.826091	-86.941098	55982.92	56280.5	-30.52	55952.40	55952.67578	56042.12285	56025.38281	504323.2	5408125.1
L4325.0	504323.2	5408126.8	84876.50000	224.71	56.69	48.826106	-86.941098	55979.30	56280.5	-30.51	55948.78	55948.99609	56041.47717	56024.68750	504323.2	5408126.8
L4325.0	504323.2	5408128.1	84876.60156	226.43	56.69	48.826118	-86.941098	55974.92	56280.5	-30.51	55944.41	55944.56641	56040.91489	56024.08203	504323.2	5408128.1
L4325.0	504323.2	5408128.1	84876.60156	226.43	56.5	48.826118	-86.941098	55970.12	56280.5	-30.51	55939.61	55939.70703	56040.41609	56023.53516	504323.2	5408128.1
L4325.0	504323.2	5408130.0	84876.79688	223.96	56.5	48.826135	-86.941098	55967.21	56280.5	-30.50	55936.71	55936.74609	56039.82683	56022.90234	504323.2	5408130.0
L4325.0	504323.2	5408131.4	84876.89844	223.57	56.36	48.826147	-86.941098	55964.78	56280.5	-30.49	55934.28	55934.25391	56039.24382	56022.27734	504323.2	5408131.4
L4325.0	504323.2	5408132.6	84877.00000	224.33	56.38	48.826158	-86.941098	55961.16	56280.5	-30.49	55930.67	55930.57813	56038.77837	56021.77344	504323.2	5408132.6
L4325.0	504323.3	5408133.9	84877.10156	225.11	55.08	48.826170	-86.941097	55958.51	56280.5	-30.48	55928.02	55927.86328	56038.28913	56021.24609	504323.3	5408133.9
L4325.0	504323.3	5408133.9	84877.20313	225.41	55.08	48.826170	-86.941097	55955.83	56280.5	-30.48	55925.35	55925.12500	56037.84268	56020.76172	504323.3	5408133.9
L4325.0	504323.2	5408135.6	84877.29688	225.27	50.98	48.826185	-86.941097	55952.36	56280.5	-30.47	55921.89	55921.59766	56037.49156	56020.37109	504323.2	5408135.6
L4325.0	504323.3	5408137.3	84877.39844	227.69	50.98	48.826201	-86.941097	55949.63	56280.5	-30.47	55919.16	55918.80078	56037.13560	56019.98047	504323.3	5408137.3
L4325.0	504323.3	5408137.3	84877.50000	228.02	55.93	48.826201	-86.941097	55947.53	56280.5	-30.46	55917.07	55916.64063	56036.78189	56019.59375	504323.3	5408137.3
L4325.0	504323.3	5408140.2	84877.60156	230.18	55.93	48.826226	-86.941097	55945.05	56280.5	-30.45	55914.60	55914.09766	56036.49949	56019.28125	504323.3	5408140.2
L4325.0	504323.3	5408140.2	84877.70313	228.83	55.73	48.826226	-86.941097	55942.57	56280.4	-30.45	55912.12	55911.54688	56036.26470	56019.01563	504323.3	5408140.2
L4325.0	504323.3	5408141.4	84877.79688	230.58	55.48	48.826237	-86.941097	55940.93	56280.4	-30.44	55910.48	55909.83594	56036.02177	56018.74219	504323.3	5408141.4
L4325.0	504323.3	5408142.8	84877.89844	230.81	55.4	48.826250	-86.941097	55938.35	56280.4	-30.44	55907.91	55907.19141	56035.88952	56018.58203	504323.3	5408142.8
L4325.0	504323.3	5408144.3	84878.00000	230.58	55.4	48.826263	-86.941097	55937.69	56280.4	-30.43	55907.26	55906.46875	56035.67873	56018.34375	504323.3	5408144.3
L4325.0	504323.3	5408145.4	84878.10156	230.04	55.23	48.826273	-86.941097	55936.20	56280.4	-30.43	55905.77	55904.90234	56035.57407	56018.21484	504323.3	5408145.4
L4325.0	504323.3	5408147.2	84878.20313	230.23	55.14	48.826289	-86.941097	55934.61	56280.4	-30.42	55904.18	55903.23438	56035.52680	56018.14453	504323.3	5408147.2
L4325.0	504323.3	5408148.1	84878.29688	227.79	55.14	48.826298	-86.941097	55934.48	56280.4	-30.42	55904.06	55903.03906	56035.43278	56018.02734	504323.3	5408148.1
L4325.0	504323.3	5408148.1	84878.39844	228.86	55.01	48.826298	-86.941097	55931.92	56280.4	-30.41	55901.51	55900.41406	56035.55242	56018.12500	504323.3	5408148.1
L4325.0	504323.3	5408149.4	84878.50000	226.82	55.01	48.826310	-86.941097	55932.76	56280.4	-30.41	55902.35	55901.17578	56035.49806	56018.05078	504323.3	5408149.4
L4325.0	504323.3	5408150.7	84878.60156	229.14	54.58	48.826322	-86.941097	55932.48	56280.4	-30.41	55902.07	55900.82031	56035.57061	56018.10156	504323.3	5408150.7
L4325.0	504323.3	5408152.1	84878.60156	229.14	54.58	48.826334	-86.941097	55932.10	56280.4	-30.41	55901.69	55900.36328	56035.70221	56018.21484	504323.3	5408152.1
L4325.0	504323.3	5408153.3	84878.79688	228.22	54.46	48.826345	-86.941097	55932.73	56280.4	-30.40	55902.34	55900.93359	56035.81759	56018.31250	504323.3	5408153.3
L4325.0	504323.3	5408154.8	84878.89844	228.19	54.46	48.826358	-86.941097	55933.62	56280.4	-30.39	55903.23	55901.74609	56035.96936	56018.44922	504323.3	5408154.8
L4325.0	504323.3	5408156.2	84879.00000	227.88	53.82	48.826371	-86.941097	55935.11	56280.4	-30.39	55904.72	55903.15625	56036.13340	56018.59766	504323.3	5408156.2
L4325.0	504323.3	5408156.2	84879.10156	228.84	52.02	48.826371	-86.941097	55934.68	56280.4	-30.39	55904.29	55902.64844	56036.47746	56018.92969	504323.3	5408156.2
L4325.0	504323.2	5408157.9	84879.20313	227.24	52.02	48.826386	-86.941097	55935.54	56280.4	-30.38	55905.16	55903.44141	56036.78656	56019.22656	504323.2	5408157.9
L4325.0	504323.2	5408159.2	84879.29688	226.86	51.9	48.826398	-86.941097	55937.89	56280.4	-30.38	55907.52	55905.72266	56037.04761	56019.47656	504323.2	5408159.2
L4325.0	504323.2	5408160.4	84879.39844	227.53	51.84	48.826409	-86.941097	55939.48	56280.4	-30.37	55909.11	55907.23438	56037.41076	56019.82813	504323.2	5408160.4
L4325.0	504323.2	5408161.6	84879.50000	226.48	51.84	48.826420	-86.941098	55942.04	56280.4	-30.37	55911.67	55909.71484	56037.75940	56020.16797	504323.2	5408161.6
L4325.0	504323.2	5408162.9	84879.60156	226.63	49.93	48.826431	-86.941098	55942.60	56280.4	-30.37	55912.23	55910.19531	56038.29085	56020.69141	504323.2	5408162.9
L4325.0	504323.2	5408164.3	84879.70313	224.16	49.93	48.826444	-86.941098	55945.93	56280.4	-30.36	55915.57	55913.46094	56038.68567	56021.07813	504323.2	5408164.3
L4325.0	504323.2	5408165.5	84879.79688	225.12	45.01	48.826455	-86.941098	55948.74	56280.4	-30.36	55918.38	55916.19141	56039.16365	56021.55078	504323.2	5408165.5
L4325.0	504323.2	5408165.5	84879.89844	225.43	47.43	48.826455	-86.941098	55950.14	56280.4	-30.35	55919.78	55917.51563	56039.78254	56022.16406	504323.2	5408165.5
L4325.0	504323.2	5408167.1	84880.00000	226.92	47.56	48.826468	-86.941098	55954.43	56280.3	-30.35	55924.08	55921.73828	56040.25397	56022.62891	504323.2	5408167.1
L4325.0	504323.2	5408168.4	84880.10156	226.73	47.56	48.826480	-86.941098	55957.49	56280.3	-30.35	55927.14	55924.72266	56040.85288	56023.22656	504323.2	5408168.4
L4325.0	504323.2	5408169.9	84880.20313	226.56	53.68	48.826494	-86.941098	55961.29	56280.3	-30.34	55930.94	55928.44922	56041.44609	56023.81641	504323.2	5408169.9
L4325.0	504323.2	5408171.3	84880.29688	226.22	54.09	48.826507	-86.941098	55964.70	56280.3	-30.34	55934.36	55931.79297	56042.10707	56024.47266	504323.2	5408171.3
L4325.0	504323.2	5408172.3	84880.39844	226.67	54.09	48.826515	-86.941098	55968.65	56280.3	-30.34	55938.31	55935.67188	56042.77387	56025.14063	504323.2	5408172.3
L4325.0	504323.2	5408173.5	84880.50000	224.82	50	48.826526	-86.941098	55971.66	56280.3	-30.33	55941.33	55938.61719	56043.54249	56025.91016	504323.2	5408173.5
L4325.0	504323.2	5408173.5	84880.60156	225.60	55.05	48.826526	-86.941098	55975.98	56280.3	-30.33	55945.65	55942.86719	56044.26288	56026.62891	504323.2	5408173.5
L4325.0	504323.2	5408176.2	84880.60156	225.60	49.52	48.826551	-86.941098	55979.88	56280.3	-30.33	55949.55	55946.69531	56045.04830	56027.41797	504323.2	5408176.2
L4325.0	504323.2	5408176.2	84880.79688	223.06	49.82	48.826551	-86.941098	55983.32	56280.3	-30.33	55952.99	55950.06641	56045.89994	56028.27344	504323.2	5408176.2
L4325.0	504323.2	5408177.8	84880.89844	221.98	49.82	48.826565	-86.941098	55987.04	56280.3	-30.32	55956.72	55953.72656	56046.76631	56029.14063	504323.2	5408177.8
L4325.0	504323.2	5408179.3	84881.00000	221.12	49.82	48.826578	-86.941098	55992.76	56280.3	-30.32	55962.44	55959.37891	56047.53255	56029.91016	504323.2	5408179.3
L4325.0	504323.2	5408180.5	84881.10156	224.98	48.94	48.826589	-86.941098	55996.81	56280.3	-30.32	55966.49	55963.36328	56048.44111	56030.82422	504323.2	5408180.5
L4325.0	504323.2	5408181.9	84881.20313	224.77	43.94	48.826602	-86.941098	56001.76	56280.3	-30.31	55971.44	55968.24609	56049.31908	56031.71094	504323.2	5408181.9

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4325.0	504323.2	5408181.9	84881.29688	226.48	44.81	48.826602	-86.941098	56004.04	56280.3	-30.31	55973.73	55970.47266	56050.40221	56032.80078	504323.2	5408181.9
L4325.0	504323.2	5408183.2	84881.39844	225.27	44.81	48.826614	-86.941098	56009.45	56280.3	-30.31	55979.15	55975.82813	56051.30292	56033.70703	504323.2	5408183.2
L4325.0	504323.2	5408184.7	84881.50000	225.66	45.23	48.826628	-86.941098	56013.24	56280.3	-30.31	55982.94	55979.55859	56052.33693	56034.75000	504323.2	5408184.7
L4325.0	504323.2	5408186.2	84881.60156	228.30	46.55	48.826640	-86.941098	56017.80	56280.3	-30.30	55987.49	55984.05078	56053.34332	56035.76563	504323.2	5408186.2
L4325.0	504323.2	5408187.2	84881.70313	227.21	46.55	48.826650	-86.941097	56021.92	56280.3	-30.30	55991.62	55988.12109	56054.39914	56036.83203	504323.2	5408187.2
L4325.0	504323.2	5408188.9	84881.79688	228.18	48.51	48.826665	-86.941097	56025.96	56280.3	-30.30	55995.67	55992.11328	56055.48015	56037.92188	504323.2	5408188.9
L4325.0	504323.2	5408188.9	84881.89844	229.73	53.17	48.826665	-86.941097	56030.95	56280.3	-30.29	56000.66	55997.05078	56056.51678	56038.96875	504323.2	5408188.9
L4325.0	504323.2	5408190.9	84882.00000	228.16	53.17	48.826683	-86.941097	56035.45	56280.3	-30.29	56005.16	56001.49609	56057.60279	56040.07031	504323.2	5408190.9
L4325.0	504323.2	5408192.0	84882.10156	224.31	55.12	48.826692	-86.941097	56040.08	56280.3	-30.29	56009.80	56006.08594	56058.69464	56041.17578	504323.2	5408192.0
L4325.0	504323.2	5408193.4	84882.20313	221.55	55.12	48.826705	-86.941097	56043.73	56280.3	-30.28	56013.45	56009.68750	56059.86614	56042.35938	504323.2	5408193.4
L4325.0	504323.2	5408193.4	84882.29688	223.23	54.72	48.826705	-86.941097	56047.70	56280.3	-30.28	56017.42	56013.60938	56061.02847	56043.53516	504323.2	5408193.4
L4325.0	504323.3	5408195.2	84882.39844	225.34	54.72	48.826721	-86.941097	56051.72	56280.3	-30.27	56021.45	56017.59375	56062.19748	56044.71875	504323.3	5408195.2
L4325.0	504323.3	5408196.9	84882.50000	226.99	54.84	48.826736	-86.941097	56055.51	56280.3	-30.27	56025.24	56021.33984	56063.39175	56045.92969	504323.3	5408196.9
L4325.0	504323.3	5408197.9	84882.60156	226.35	54.84	48.826746	-86.941097	56058.83	56280.3	-30.27	56028.56	56024.61719	56064.62520	56047.17969	504323.3	5408197.9
L4325.0	504323.3	5408199.4	84882.60156	226.35	55.86	48.826759	-86.941096	56063.33	56280.3	-30.27	56033.06	56029.07422	56065.78646	56048.35938	504323.3	5408199.4
L4325.0	504323.3	5408199.4	84882.79688	225.32	55.86	48.826759	-86.941096	56066.62	56280.3	-30.26	56036.36	56032.33984	56067.03286	56049.62500	504323.3	5408199.4
L4325.0	504323.3	5408201.3	84882.89844	228.15	56.87	48.826776	-86.941096	56071.42	56280.3	-30.25	56041.17	56037.11328	56068.18243	56050.79297	504323.3	5408201.3
L4325.0	504323.3	5408201.3	84883.00000	226.70	57.06	48.826776	-86.941096	56075.22	56280.3	-30.25	56044.97	56040.87891	56069.40193	56052.03125	504323.3	5408201.3
L4325.0	504323.3	5408203.9	84883.10156	227.48	57.06	48.826800	-86.941096	56077.77	56280.2	-30.25	56047.53	56043.40625	56070.70547	56053.35547	504323.3	5408203.9
L4325.0	504323.3	5408203.9	84883.20313	227.84	56.92	48.826800	-86.941096	56082.27	56280.2	-30.24	56052.03	56047.87891	56071.87988	56054.55078	504323.3	5408203.9
L4325.0	504323.3	5408205.4	84883.29688	226.74	57.37	48.826813	-86.941096	56085.76	56280.2	-30.24	56055.52	56051.33984	56073.12068	56055.81641	504323.3	5408205.4
L4325.0	504323.3	5408206.8	84883.39844	227.79	57.29	48.826826	-86.941096	56088.20	56280.2	-30.23	56057.96	56053.75391	56074.42946	56057.14453	504323.3	5408206.8
L4325.0	504323.3	5408208.0	84883.50000	227.60	57.37	48.826836	-86.941096	56092.27	56280.2	-30.23	56062.04	56057.81250	56075.62584	56058.36719	504323.3	5408208.0
L4325.0	504323.3	5408209.7	84883.60156	227.07	57.37	48.826852	-86.941096	56095.73	56280.2	-30.23	56065.50	56061.25000	56076.85949	56059.62500	504323.3	5408209.7
L4325.0	504323.3	5408211.2	84883.70313	225.40	57.41	48.826865	-86.941096	56098.88	56280.2	-30.22	56068.65	56064.38281	56078.10877	56060.89844	504323.3	5408211.2
L4325.0	504323.3	5408211.2	84883.79688	225.69	57.45	48.826865	-86.941096	56101.88	56280.2	-30.22	56071.66	56067.37500	56079.36144	56062.17578	504323.3	5408211.2
L4325.0	504323.3	5408212.8	84883.89844	226.37	57.44	48.826880	-86.941096	56105.12	56280.2	-30.21	56074.90	56070.60156	56080.59196	56063.43359	504323.3	5408212.8
L4325.0	504323.3	5408214.3	84884.00000	227.43	57.44	48.826893	-86.941096	56107.67	56280.2	-30.21	56077.46	56073.15234	56081.86018	56064.73047	504323.3	5408214.3
L4325.0	504323.3	5408215.8	84884.10156	227.25	57.48	48.826907	-86.941096	56109.72	56280.2	-30.21	56079.52	56075.20313	56083.15331	56066.05078	504323.3	5408215.8
L4325.0	504323.3	5408215.8	84884.20313	225.18	57.44	48.826907	-86.941096	56112.48	56280.2	-30.20	56082.27	56077.94531	56084.39127	56067.32031	504323.3	5408215.8
L4325.0	504323.3	5408217.1	84884.29688	227.40	57.43	48.826918	-86.941096	56116.50	56280.2	-30.20	56086.29	56081.96094	56085.53470	56068.49219	504323.3	5408217.1
L4325.0	504323.3	5408218.5	84884.39844	227.85	57.46	48.826931	-86.941096	56118.90	56280.2	-30.20	56088.70	56084.36719	56086.77493	56069.76563	504323.3	5408218.5
L4325.0	504323.3	5408219.9	84884.50000	229.83	57.46	48.826944	-86.941096	56121.74	56280.2	-30.19	56091.54	56087.21094	56087.97536	56070.99609	504323.3	5408219.9
L4325.0	504323.3	5408221.4	84884.60156	227.39	57.37	48.826957	-86.941097	56123.46	56280.2	-30.19	56093.26	56088.93359	56089.23873	56072.29297	504323.3	5408221.4
L4325.0	504323.2	5408222.4	84884.60156	227.39	57.38	48.826966	-86.941097	56126.79	56280.2	-30.19	56096.59	56092.26953	56090.38251	56073.46875	504323.2	5408222.4
L4325.0	504323.2	5408223.6	84884.79688	231.50	57.38	48.826977	-86.941097	56129.32	56280.2	-30.19	56099.14	56094.82422	56091.56553	56074.68750	504323.2	5408223.6
L4325.0	504323.2	5408225.1	84884.89844	229.36	57.3	48.826990	-86.941097	56130.96	56280.2	-30.18	56100.78	56096.47656	56092.79597	56075.95313	504323.2	5408225.1
L4325.0	504323.2	5408225.1	84885.00000	228.29	57.3	48.826990	-86.941097	56133.18	56280.2	-30.18	56103.00	56098.70703	56093.97410	56077.16797	504323.2	5408225.1
L4325.0	504323.2	5408226.5	84885.10156	226.88	57.3	48.827003	-86.941097	56135.70	56280.2	-30.18	56105.52	56101.24219	56095.11816	56078.34766	504323.2	5408226.5
L4325.0	504323.2	5408227.9	84885.20313	225.96	57.24	48.827016	-86.941097	56137.44	56280.2	-30.17	56107.27	56103.00781	56096.29914	56079.56641	504323.2	5408227.9
L4325.0	504323.2	5408229.2	84885.29688	225.32	57.24	48.827027	-86.941098	56139.97	56280.2	-30.17	56109.80	56105.55859	56097.41336	56080.71875	504323.2	5408229.2
L4325.0	504323.1	5408230.8	84885.39844	225.93	57.19	48.827041	-86.941098	56140.43	56280.2	-30.16	56110.27	56106.05078	56098.64986	56081.99609	504323.1	5408230.8
L4325.0	504323.1	5408232.2	84885.50000	226.58	57.18	48.827054	-86.941098	56143.67	56280.2	-30.15	56113.51	56109.31250	56099.68637	56083.07031	504323.1	5408232.2
L4325.0	504323.1	5408232.2	84885.60156	225.95	57.1	48.827054	-86.941098	56145.69	56280.2	-30.15	56115.54	56111.37109	56100.78798	56084.21484	504323.1	5408232.2
L4325.0	504323.1	5408234.3	84885.70313	224.08	57.1	48.827073	-86.941098	56147.76	56280.1	-30.14	56117.61	56113.46875	56101.87114	56085.33984	504323.1	5408234.3
L4325.0	504323.1	5408235.7	84885.79688	223.87	57.14	48.827086	-86.941099	56149.34	56280.1	-30.14	56119.20	56115.08984	56102.97031	56086.48047	504323.1	5408235.7
L4325.0	504323.1	5408235.7	84885.89844	225.18	57.27	48.827086	-86.941099	56150.16	56280.1	-30.13	56120.03	56115.95313	56104.10402	56087.66016	504323.1	5408235.7
L4325.0	504323.1	5408237.2	84886.00000	227.48	57.24	48.827099	-86.941099	56153.06	56280.1	-30.13	56122.93	56118.89063	56105.08343	56088.68359	504323.1	5408237.2
L4325.0	504323.1	5408238.8	84886.10156	224.32	57.24	48.827113	-86.941099	56154.24	56280.1	-30.13	56124.11	56120.10547	56106.16110	56089.80859	504323.1	5408238.8
L4325.0	504323.1	5408238.8	84886.20313	223.29	57.28	48.827113	-86.941099	56155.50	56280.1	-30.13	56125.37	56121.40625	56107.21693	56090.91016	504323.1	5408238.8
L4325.0	504323.0	5408240.2	84886.29688	223.04	57.32	48.827126	-86.941099	56156.75	56280.1	-30.13	56126.62	56122.69922	56108.25683	56092.00000	504323.0	5408240.2
L4325.0	504323.0	5408242.1	84886.39844	224.23	57.45	48.827143	-86.941099	56158.25	56280.1	-30.13	56128.13	56124.25391	56109.26273	56093.05469	504323.0	5408242.1
L4325.0	504323.0	5408243.4	84886.50000	224.88	57.45	48.827155	-86.941099	56160.14	56280.1	-30.13	56130.01	56126.17969	56110.22727	56094.06641	504323.0	5408243.4
L4325.0	504323.0	5408243.4	84886.60156	224.30	57.41	48.827155	-86.941099	56162.18	56280.1	-30.12	56132.06	56128.27734	56111.16373	56095.05469	504323.0	5408243.4
L4325.0	504323.0	5408245.1	84886.60156	224.30	57.34	48.827171	-86.941099	56163.17	56280.1	-30.12	56133.04	56129.30859	56112.15477	56096.09766	504323.0	5408245.1
L4325.0	504323.0	5408246.6	84886.79688	224.65	57.34	48.827184	-86.941099	56163.78	56280.1	-30.12	56133.65	56129.96875	56113.15372	56097.14844	504323.0	5408246.6
L4325.0	504323.1	5408248.0	84886.89844	225.30	57.35	48.827196	-86.941099	56164.53	56280.1	-30.12	56134.41	56130.78516	56114.12591	56098.17578	504323.1	5408248.0
L4325.0	504323.1	5408248.0	84887.00000	226.02	57.44	48.827196	-86.941099	56166.76	56280.1	-30.12	56136.64	56133.07031	56114.98337	56099.08984	504323.1	5408248.0
L4325.0	504323.1	5408250.1	84887.10156	227.41	57.35	48.827215	-86.941099	56167.94	56280.1	-30.12	56137.82	56134.30859	56115.89412	56100.05469	504323.1	5408250.1
L4325.0	504323.1	5408251.5	84887.20313	229.23	57.31	48.827228	-86.941098	56169.39	56280.1	-30.11	56139.28	56135.82813	56116.76954	56100.98828	504323.1	5408251.5
L4325.0	504323.1	5408251.5	84887.29688	227.32	57.31	48.827228	-86.941098	56170.14	56280.1	-30.11	56140.04	56136.64844	56117.67501	56101.94922	504323.1	5408251.5
L4325.0	504323.1	5408253.9	84887.39844	227.35	57.38	48.827250	-86.941098	56170.79	56280.1	-30.10	56140.68	56137.35156	56118.57191	56102.90625	504323.1	5408253.9
L4325.0	504323.1	5408254.4	84887.50000	225.08	57.36	48.827254	-86.941098	56172.75	56280.1	-30.10	56142.65	56139.38672	56119.36364	56103.75781	504323.1	5408254.4
L4325.0	504323.2	5408255.8	84887.60156	225.22	57.36	48.827267	-86.941097	56174.40	56280.1	-30.10	56144.30	56141.10547	56120.16027	56104.61328	504323.2	5408255.8
L4325.0	504323.2	5408257.2	84887.70313	225.67	57.3	48.827279	-86.941097	56174.42	56280.1	-30.09	56144.33	56141.20313	56121.04853	56105.56641	504323.2	5408257.2
L4325.0	504323.2	5408258.6	84887.79688	225.63	57.34	48.827292	-86.941097	56174.93	56280.1	-30.09	56144.84	56141.78516	56121.88849	56106.46875	504323.2	5408258.6
L4325.0	504323.2	5408258.6	84887.89844	225.86	57.39	48.827292	-86.941097	56176.52	56280.1	-30.08	56146.44	56143.45703	56122.63958	56107.28125	504323.2	5408258.6
L4325.0	504323.2	5408260.1	84888.00000	224.36	57.37	48.827305	-86.941096	56178.40	56280.1	-30.08	56148.32	56145.41016	56123.35588	56108.06250	504323.2	5408260.1
L4325.0	504323.3	5408261.4	84888.10156	224.88	57.37	48.827317	-86.941096	56178.82	56280.1	-30.08	56148.74	56145.90234	56124.15347	56108.92969	504323.3	5408261.4
L4325.0	504323.3	5408262.9	84888.20313	225.35	57.37	48.827330	-86.941096	56178.40	56280.1	-30.07	56148.32	56145.55859	56124.99110	56109.83203	504323.3	5408262.9
L4325.0	504323.3	5408264.3	84888.29688	225.72	57.37	48.827343	-86.941095	56180.02	56280.1	-30.07	56149.95	56147.26563	56125.67621	56110.58594	504323.3	5408264.3
L4325.0	504323.3	5408264.3	84888.39844	225.72	57.35	48.827343	-86.941095	56181.38	56280.1	-30.07	56151.31	56148.70703	56126.36354	56111.33984	504323.3	5408264.3
L4325.0	504323.3	5408266.0	84888.50000	225.54	57.35	48.827358	-86.941095	56182.86	56280.1	-30.07	56152.79	56150.26563	56127.02719	56112.07422	504323.3	5408266.0
L4325.0	504323.3	5408267.1	84888.60156	224.20	57.35	48.827368	-86.941095	56183.72	56280.1	-30.06	56153.66	56151.21484	56127.71593	56112.83594	504323.3	5408267.1
L4325.0	504323.4	5408268.5	84888.60156	224.20	57.43	48.827381	-86.941095	56182.32	56280.1	-30.06	56152.25	56149.89063	56128.54117	56113.73438	504323.4	5408268.5
L4325.0	504323.4	5408269.7	84888.79688	224.07	57.46	48.827392	-86.941094	56184.98	56280.1	-30.06	56154.92	56152.64063	56129.07901	56114.34375	504323.4	5408269.7
L4325.0	504323.4	5408271.3	84888.89844	224.72	57.46	48.827406	-86.941094	56184.74	56280.1	-30.05	56154.68	56152.48828	56129.79556	56115.13281	504323.4	5408271.3
L4325.0	504323.4	5408272.5	84889.00000	222.04	57.38	48.827417	-86.941094	56186.34	56280.1	-30.05	56156.29	56154.18359	56130.37356	56115.78516	504323.4	5408272.5
L4325.0	504323.4	5408272.5	84889.10156	221.60	57.44	48.827417	-86.941094	56187.77	56280	-30.05	56157.73	56155.71094	56130.94778	56116.43750	504323.4	5408272.5
L4325.0	504323.4	5408273.9	84889.20313	222.44	57.44	48.827430	-86.941094	56188.00	56280	-30.04	56157.96	56156.02734	56131.58765	56117.15234	504323.4	5408273.9
L4325.0	504323.4	5408275.1	84889.29688	223.31	57.34	48.827440	-86.941094	56187.66	56280	-30.04	56157.62	56155.77344	56132.25061	56117.89453	504323.4	5408275.1
L4325.0	504323.4	5408276.5	84889.39844	223.86	57.18	48.827453	-86.941094	56189.95	56280	-30.03	56159.91	56158.15234	56132.72340	56118.44531	504323.4	5408276.5
L4325.0	504323.4	5408278.0	84889.50000	223.22	57.18	48.827466	-86.941094	56190.12	56280	-30.03	56160.09	56158.42188	56133.32213	56119.12500	504323.4	5408278.0
L4325.0	504323.4	5408279.4	84889.60156	224.45	57.12	48.827479	-86.941094	56190.18	56280	-30.03	56160.15	56158.57422	56133.91423	56119.79688	504323.4	5408279.4
L4325.0	504323.4	5408280.6	84889.70313	226.15	57.19	48.827489	-86.941094	56191.60	56280	-30.02	56161.58	56160.09375	56134.40046	56120.36719	504323.4	5408280.6
L4325.0	504323.4	5408280.6	84889.79688	226.15	57.21	48.827489	-86.941094	56191.52	56280	-30.02	56161.50	56160.10547	56134.97291	56121.01953	504323.4	5408280.6
L4325.0	504323.4	5408282.0	84889.89844	226.07	57.21	48.827502	-86.941094	56191.73	56280	-30.01	56161.71	56160.41016	56135.51170	56121.64453	504323.4	5408282.0
L4325.0	504323.4	5408283.5	84890.00000	226.50	57.24	48.827515	-86.941094	56192.41	56280	-30.01	56162.40	56161.19141	56136.00424	56122.22266	504323.4	5408283.5
L4325.0	504323.4	5408284.8	84890.10156	227.21	57.38	48.827528	-86.941094	56193.72	56280	-30.01	56163.71	56162.59766	56136.44131	56122.74219	504323.4	5408284.8
L4325.0	504323.4	5408286.3	84890.20313	227.11	57.38	48.827541	-86.941094	56194.05	56280	-30.00	56164.05	56163.03125	56136.92901	56123.31641	504323.4	5408286.3
L4325.0	504323.4	5408286.3	84890.29688	226.08	57.38	48.827541	-86.941094	56194.10	56280	-30.00	56164.11	56163.18359	56137.42144	56123.89844	504323.4	5408286.3
L4325.0	504323.4	5408287.9	84890.39844	228.37	57.38	48.827556	-86.941094	56195.38	56280	-29.99	56165.39	56164.55859	56137.81871	56124.38281	504323.4	5408287.9
L4325.0	504323.4	5408288.8	84890.50000	229.63	57.28	48.827564	-86.941094	56195.62	56280	-29.99	56165.63	56164.89453	56138.27159	56124.92578	504323.4	5408288.8

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4325.0	504323.4	5408290.3	84890.60156	230.12	57.4	48.827577	-86.941094	56195.65	56280	-29.98	56165.67	56165.02734	56138.72419	56125.46875	504323.4	5408290.3
L4325.0	504323.4	5408291.7	84890.60156	230.12	57.4	48.827589	-86.941094	56196.81	56280	-29.98	56166.83	56166.28516	56139.08863	56125.92188	504323.4	5408291.7
L4325.0	504323.4	5408293.3	84890.79688	228.92	57.31	48.827604	-86.941094	56196.84	56280	-29.97	56166.87	56166.41797	56139.51435	56126.43750	504323.4	5408293.3
L4325.0	504323.4	5408293.3	84890.89844	230.77	57.29	48.827604	-86.941094	56196.81	56280	-29.96	56166.84	56166.48438	56139.93147	56126.94922	504323.4	5408293.3
L4325.0	504323.4	5408294.5	84891.00000	229.53	57.36	48.827615	-86.941094	56196.88	56280	-29.96	56166.92	56166.66016	56140.32811	56127.43750	504323.4	5408294.5
L4325.0	504323.4	5408296.4	84891.10156	227.76	56.42	48.827632	-86.941094	56197.72	56280	-29.96	56167.77	56167.60547	56140.66039	56127.86328	504323.4	5408296.4
L4325.0	504323.4	5408297.8	84891.20313	227.70	56.42	48.827645	-86.941094	56198.11	56280	-29.95	56168.15	56168.08203	56141.01112	56128.30859	504323.4	5408297.8
L4325.0	504323.4	5408298.8	84891.29688	226.07	55.26	48.827654	-86.941094	56198.36	56280	-29.95	56168.41	56168.43750	56141.35709	56128.75000	504323.4	5408298.8
L4325.0	504323.4	5408300.0	84891.39844	225.06	55.34	48.827664	-86.941094	56198.24	56279.9	-29.95	56168.29	56168.41406	56141.71576	56129.20703	504323.4	5408300.0
L4325.0	504323.4	5408301.2	84891.50000	224.85	55.35	48.827675	-86.941094	56198.86	56279.9	-29.94	56168.92	56169.13672	56142.01195	56129.60156	504323.4	5408301.2
L4325.0	504323.4	5408302.4	84891.60156	224.24	55.35	48.827686	-86.941094	56198.57	56279.9	-29.94	56168.63	56168.94141	56142.35713	56130.04297	504323.4	5408302.4
L4325.0	504323.4	5408302.4	84891.70313	224.15	55.36	48.827686	-86.941094	56199.09	56279.9	-29.94	56169.15	56169.55859	56142.63613	56130.42188	504323.4	5408302.4
L4325.0	504323.4	5408303.9	84891.79688	225.62	55.9	48.827699	-86.941094	56199.06	56279.9	-29.94	56169.12	56169.62109	56142.93975	56130.82422	504323.4	5408303.9
L4325.0	504323.4	5408305.7	84891.89844	227.21	55.9	48.827716	-86.941094	56200.05	56279.9	-29.93	56170.11	56170.70703	56143.16349	56131.14453	504323.4	5408305.7
L4325.0	504323.4	5408307.2	84892.00000	225.75	56.13	48.827729	-86.941094	56199.18	56279.9	-29.93	56169.25	56169.94141	56143.49884	56131.58203	504323.4	5408307.2
L4325.0	504323.4	5408308.1	84892.10156	227.54	57.26	48.827737	-86.941094	56198.71	56279.9	-29.93	56168.79	56169.57422	56143.79598	56131.98047	504323.4	5408308.1
L4325.0	504323.4	5408309.5	84892.20313	228.01	57.26	48.827750	-86.941094	56199.77	56279.9	-29.93	56169.84	56170.71875	56143.98108	56132.26563	504323.4	5408309.5
L4325.0	504323.4	5408309.5	84892.29688	227.97	57.07	48.827750	-86.941094	56199.54	56279.9	-29.93	56169.61	56170.58203	56144.24031	56132.62891	504323.4	5408309.5
L4325.0	504323.4	5408311.0	84892.39844	224.75	57.16	48.827763	-86.941094	56199.92	56279.9	-29.93	56169.99	56171.05469	56144.44785	56132.93750	504323.4	5408311.0
L4325.0	504323.4	5408312.4	84892.50000	226.12	57.24	48.827776	-86.941094	56199.03	56279.9	-29.92	56169.11	56170.26563	56144.72856	56133.32422	504323.4	5408312.4
L4325.0	504323.4	5408313.9	84892.60156	226.76	57.24	48.827789	-86.941094	56199.79	56279.9	-29.92	56169.87	56171.11719	56144.88931	56133.58984	504323.4	5408313.9
L4325.0	504323.4	5408315.1	84892.60156	226.76	57.1	48.827800	-86.941094	56198.94	56279.9	-29.92	56169.01	56170.34766	56145.14760	56133.95313	504323.4	5408315.1
L4325.0	504323.4	5408315.1	84892.79688	224.84	56.97	48.827800	-86.941094	56199.66	56279.9	-29.92	56169.74	56171.16797	56145.28966	56134.19922	504323.4	5408315.1
L4325.0	504323.4	5408316.7	84892.89844	226.39	56.82	48.827814	-86.941094	56198.46	56279.9	-29.92	56168.54	56170.05859	56145.55035	56134.56641	504323.4	5408316.7
L4325.0	504323.4	5408318.4	84893.00000	225.81	56.82	48.827830	-86.941094	56199.06	56279.9	-29.92	56169.14	56170.74609	56145.68122	56134.80078	504323.4	5408318.4
L4325.0	504323.3	5408319.7	84893.10156	226.64	55.79	48.827842	-86.941094	56198.93	56279.9	-29.92	56169.01	56170.70703	56145.85114	56135.07813	504323.3	5408319.7
L4325.0	504323.3	5408321.4	84893.20313	225.56	54.7	48.827857	-86.941094	56199.58	56279.9	-29.92	56169.66	56171.44531	56145.95968	56135.29297	504323.3	5408321.4
L4325.0	504323.3	5408322.1	84893.29688	227.11	54.7	48.827863	-86.941094	56197.38	56279.9	-29.92	56167.46	56169.33203	56146.24905	56135.69141	504323.3	5408322.1
L4325.0	504323.3	5408323.4	84893.39844	229.22	54.69	48.827875	-86.941094	56198.59	56279.9	-29.92	56168.67	56170.62891	56146.30215	56135.85156	504323.3	5408323.4
L4325.0	504323.3	5408323.4	84893.50000	229.42	54.76	48.827875	-86.941094	56198.39	56279.9	-29.92	56168.47	56170.51563	56146.44055	56136.10156	504323.3	5408323.4
L4325.0	504323.3	5408325.0	84893.60156	229.27	54.76	48.827890	-86.941094	56197.49	56279.9	-29.92	56167.57	56169.69922	56146.61715	56136.38672	504323.3	5408325.0
L4325.0	504323.3	5408326.5	84893.70313	232.00	54.76	48.827902	-86.941095	56196.59	56279.9	-29.92	56166.67	56168.88281	56146.78552	56136.66406	504323.3	5408326.5
L4325.0	504323.3	5408327.9	84893.79688	232.68	54.7	48.827915	-86.941095	56197.09	56279.9	-29.92	56167.17	56169.46875	56146.85258	56136.83984	504323.3	5408327.9
L4325.0	504323.3	5408329.5	84893.89844	233.02	56.66	48.827929	-86.941095	56197.32	56279.9	-29.92	56167.40	56169.78125	56146.92990	56137.02734	504323.3	5408329.5
L4325.0	504323.3	5408329.5	84894.00000	230.81	56.66	48.827929	-86.941095	56197.12	56279.9	-29.92	56167.20	56169.66406	56147.02840	56137.23828	504323.3	5408329.5
L4325.0	504323.3	5408331.2	84894.10156	232.81	56.87	48.827945	-86.941095	56195.84	56279.9	-29.91	56165.93	56168.47266	56147.19100	56137.51172	504323.3	5408331.2
L4325.0	504323.3	5408332.5	84894.20313	231.30	56.8	48.827957	-86.941095	56196.36	56279.9	-29.91	56166.46	56169.08594	56147.22663	56137.65625	504323.3	5408332.5
L4325.0	504323.3	5408334.0	84894.29688	228.70	56.77	48.827970	-86.941095	56195.82	56279.9	-29.90	56165.92	56168.62500	56147.32687	56137.86719	504323.3	5408334.0
L4325.0	504323.3	5408335.0	84894.39844	226.16	56.76	48.827979	-86.941095	56195.94	56279.9	-29.90	56166.04	56168.82422	56147.37665	56138.03125	504323.3	5408335.0
L4325.0	504323.3	5408336.2	84894.50000	225.85	56.76	48.827990	-86.941095	56194.25	56279.9	-29.89	56164.36	56167.22266	56147.54025	56138.30469	504323.3	5408336.2
L4325.0	504323.3	5408337.6	84894.60156	227.66	56.72	48.828003	-86.941095	56194.79	56279.9	-29.88	56164.90	56167.83984	56147.54991	56138.42578	504323.3	5408337.6
L4325.0	504323.3	5408337.6	84894.60156	227.66	56.72	48.828003	-86.941095	56194.76	56279.9	-29.88	56164.88	56167.89453	56147.59124	56138.58203	504323.3	5408337.6
L4325.0	504323.3	5408339.6	84894.79688	222.57	56.67	48.828020	-86.941095	56193.15	56279.9	-29.87	56163.28	56166.37109	56147.73251	56138.83594	504323.3	5408339.6
L4325.0	504323.3	5408339.6	84894.89844	223.19	56.71	48.828020	-86.941095	56192.88	56279.9	-29.87	56163.02	56166.18359	56147.77932	56138.99609	504323.3	5408339.6
L4325.0	504323.3	5408341.2	84895.00000	223.54	56.71	48.828035	-86.941095	56192.36	56279.9	-29.86	56162.50	56165.73828	56147.83860	56139.16797	504323.3	5408341.2
L4325.0	504323.3	5408342.8	84895.10156	222.41	56.7	48.828050	-86.941095	56193.08	56279.9	-29.86	56163.22	56166.53125	56147.81063	56139.25391	504323.3	5408342.8
L4325.0	504323.2	5408344.4	84895.20313	223.55	56.74	48.828064	-86.941095	56192.41	56279.9	-29.86	56162.55	56165.93359	56147.87100	56139.42578	504323.2	5408344.4
L4325.0	504323.2	5408344.4	84895.29688	223.91	56.74	48.828064	-86.941095	56191.57	56279.9	-29.86	56161.71	56165.16406	56147.93864	56139.60938	504323.2	5408344.4
L4325.0	504323.3	5408345.6	84895.39844	223.29	56.65	48.828075	-86.941095	56191.32	56279.9	-29.86	56161.46	56164.98438	56147.96316	56139.74609	504323.3	5408345.6
L4325.0	504323.3	5408347.1	84895.50000	223.95	56.65	48.828088	-86.941095	56190.96	56279.9	-29.87	56161.10	56164.69141	56147.99149	56139.88672	504323.3	5408347.1
L4325.0	504323.3	5408348.3	84895.60156	223.12	56.64	48.828099	-86.941095	56189.10	56279.9	-29.87	56159.23	56162.89063	56148.11722	56140.12891	504323.3	5408348.3
L4325.0	504323.3	5408349.9	84895.70313	224.93	56.59	48.828114	-86.941095	56189.45	56279.9	-29.87	56159.59	56163.32031	56148.09127	56140.21484	504323.3	5408349.9
L4325.0	504323.3	5408351.4	84895.79688	227.60	56.71	48.828126	-86.941095	56189.79	56279.9	-29.87	56159.92	56163.71484	56148.06456	56140.30469	504323.3	5408351.4
L4325.0	504323.3	5408352.9	84895.89844	225.92	56.72	48.828140	-86.941095	56188.94	56279.9	-29.87	56159.07	56162.92969	56148.11402	56140.46875	504323.3	5408352.9
L4325.0	504323.3	5408352.9	84896.00000	223.98	56.72	48.828140	-86.941095	56188.87	56279.9	-29.87	56159.00	56162.92578	56148.10922	56140.57813	504323.3	5408352.9
L4325.0	504323.3	5408354.1	84896.10156	224.26	56.72	48.828151	-86.941095	56188.28	56279.9	-29.87	56158.41	56162.39844	56148.13707	56140.71875	504323.3	5408354.1
L4325.0	504323.3	5408355.5	84896.20313	223.03	56.48	48.828164	-86.941095	56187.23	56279.9	-29.87	56157.36	56161.41016	56148.19381	56140.89063	504323.3	5408355.5
L4325.0	504323.3	5408356.9	84896.29688	220.98	56.48	48.828176	-86.941094	56187.09	56279.9	-29.86	56157.22	56161.33203	56148.18833	56141.00000	504323.3	5408356.9
L4325.0	504323.3	5408358.3	84896.50000	220.72	56.65	48.828189	-86.941094	56186.82	56279.9	-29.86	56156.96	56161.13281	56148.18953	56141.11719	504323.3	5408358.3
L4325.0	504323.3	5408362.7	84896.79688	221.19	55.1	48.828228	-86.941094	56185.93	56279.9	-29.85	56156.08	56160.31250	56148.23094	56141.26953	504323.3	5408362.7
L4325.0	504323.3	5408364.1	84896.89844	221.54	54.07	48.828241	-86.941094	56184.79	56279.9	-29.85	56154.94	56159.23047	56148.28879	56141.44531	504323.3	5408364.1
L4325.0	504323.3	5408364.1	84897.00000	224.90	54.01	48.828241	-86.941094	56185.18	56279.8	-29.85	56155.33	56159.67969	56148.24393	56141.51172	504323.3	5408364.1
L4325.0	504323.3	5408366.0	84897.10156	225.53	56.55	48.828258	-86.941094	56184.00	56279.8	-29.85	56154.16	56158.56641	56148.30257	56141.68750	504323.3	5408366.0
L4325.0	504323.3	5408367.4	84897.20313	225.33	56.55	48.828271	-86.941094	56184.92	56279.8	-29.84	56155.07	56159.53125	56148.22221	56141.71875	504323.3	5408367.4
L4325.0	504323.3	5408367.4	84897.29688	227.02	56.61	48.828271	-86.941094	56184.42	56279.8	-29.84	56154.58	56159.09766	56148.23504	56141.84766	504323.3	5408367.4
L4325.0	504323.3	5408369.0	84897.39844	227.38	56.61	48.828285	-86.941094	56183.84	56279.8	-29.84	56154.00	56158.57422	56148.25389	56141.98047	504323.3	5408369.0
L4325.0	504323.3	5408370.2	84897.50000	225.08	56.64	48.828296	-86.941094	56184.41	56279.8	-29.83	56154.57	56159.19531	56148.19624	56142.03906	504323.3	5408370.2
L4325.0	504323.4	5408371.6	84897.60156	224.34	56.54	48.828309	-86.941094	56183.38	56279.8	-29.83	56153.55	56158.22656	56148.24493	56142.19922	504323.4	5408371.6
L4325.0	504323.4	5408373.1	84897.70313	225.97	56.63	48.828322	-86.941094	56182.49	56279.8	-29.83	56152.66	56157.39063	56148.28542	56142.35547	504323.4	5408373.1
L4325.0	504323.4	5408373.1	84897.79688	225.15	56.63	48.828322	-86.941094	56182.67	56279.8	-29.83	56152.84	56157.62109	56148.25517	56142.43750	504323.4	5408373.1
L4325.0	504323.3	5408376.0	84897.89844	225.20	56.66	48.828348	-86.941094	56183.00	56279.8	-29.82	56153.17	56158.00000	56148.21564	56142.51172	504323.3	5408376.0
L4325.0	504323.3	5408376.0	84898.00000	225.83	56.69	48.828348	-86.941094	56183.25	56279.8	-29.82	56153.43	56158.30859	56148.18161	56142.59375	504323.3	5408376.0
L4325.0	504323.3	5408377.2	84898.10156	224.88	56.67	48.828359	-86.941094	56183.81	56279.8	-29.82	56154.00	56158.92578	56148.12787	56142.65234	504323.3	5408377.2
L4325.0	504323.3	5408378.6	84898.20313	226.21	56.67	48.828372	-86.941094	56182.72	56279.8	-29.81	56152.90	56157.87109	56148.18649	56142.82422	504323.3	5408378.6
L4325.0	504323.3	5408379.8	84898.29688	224.12	56.74	48.828382	-86.941094	56182.11	56279.8	-29.81	56152.30	56157.31641	56148.21291	56142.96484	504323.3	5408379.8
L4325.0	504323.3	5408381.3	84898.39844	226.09	56.79	48.828395	-86.941094	56181.11	56279.8	-29.81	56151.30	56156.36328	56148.26721	56143.13281	504323.3	5408381.3
L4325.0	504323.3	5408383.0	84898.50000	228.46	56.79	48.828411	-86.941094	56182.04	56279.8	-29.81	56152.23	56157.33594	56148.19414	56143.17188	504323.3	5408383.0
L4325.0	504323.3	5408383.0	84898.60156	229.17	56.69	48.828411	-86.941094	56182.44	56279.8	-29.80	56152.64	56157.78906	56148.15708	56143.24609	504323.3	5408383.0
L4325.0	504323.3	5408384.4	84898.60156	229.17	56.92	48.828424	-86.941094	56182.34	56279.8	-29.80	56152.54	56157.73047	56148.15545	56143.35938	504323.3	5408384.4
L4325.0	504323.3	5408385.9	84898.79688	228.31	54.88	48.828437	-86.941094	56181.59	56279.8	-29.80	56151.79	56157.02344	56148.19862	56143.51563	504323.3	5408385.9
L4325.0	504323.3	5408385.9	84898.89844	225.89	54.88	48.828437	-86.941094	56181.27	56279.8	-29.79	56151.48	56156.75391	56148.21397	56143.64063	504323.3	5408385.9
L4325.0	504323.3	5408388.7	84899.00000	224.46	57.05	48.828462	-86.941094	56181.96	56279.8	-29.79	56152.17	56157.48047	56148.16423	56143.70313	504323.3	5408388.7
L4325.0	504323.3	5408388.7	84899.10156	224.79	55.94	48.828462	-86.941094	56182.08	56279.8	-29.79	56152.29	56157.64063	56148.15409	56143.80469	504323.3	5408388.7
L4325.0	504323.3	5408390.2	84899.20313	223.74	56.96	48.828475	-86.941094	56181.75	56279.8	-29.79	56151.96	56157.34766	56148.17559	56143.93750	504323.3	5408390.2
L4325.0	504323.3	5408391.6	84899.29688	223.09	56.96	48.828489	-86.941095	56181.34	56279.8	-29.79	56151.55	56156.97656	56148.20408	56144.07813	504323.3	5408391.6
L4325.0	504323.2	5408393.0	84899.39844	222.81	51.7	48.828501	-86.941095	56181.91	56279.8	-29.79	56152.12	56157.58203	56148.16893	56144.15625	504323.2	5408393.0
L4325.0	504323.2	5408394.3	84899.50000	222.36	52.63	48.828512	-86.941095	56181.31	56279.8	-29.79	56151.52	56157.01563	56148.21348	56144.30859	504323.2	5408394.3
L4325.0	504323.2	5408395.6	84899.60156	221.47	52.63	48.828525	-86.941095	56182.29	56279.8	-29.79	56152.50	56158.02734	56148.15443	56144.36328	504323.2	5408395.6
L4325.0	504323.2	5408396.9	84899.70313	223.82	55.84	48.828536	-86.941096	56180.85	56279.8	-29.79	56151.06	56156.62109	56148.25844	56144.57422	504323.2	5408396.9
L4325.0	504323.2	5408398.1	84899.79688	225.63	55.84	48.828546	-86.941096	56181.12	56279.8	-29.79	56151.33	56156.92188	56148.25020	56144.67578	504323.2	5408398.1
L4325.0	504323.2	5408398.1	84899.89844	223.66	57.35	48.828546	-86.941096	56181.41	56279.8	-29.79	56151.62	56157.24609	56148.24237	56144.78125	504323.2	5408398.1
L4325.0	504323.2	5408399.7	84900.00000	222.64	52.04	48.828561	-86.941096	56181.13	56279.8	-29.79	56151.34	56156.99609	56148.27430	56144.92188	504323.2	5408399.7
L4325.0	504323.2	5408401.2	84900.10156	223.92	52.04	48.828574	-86.941096	56181.91	56279.8	-29.79	56152.12	56157.80469	56148.23731	56144.99219	504323.2	5408401.2

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4325.0	504323.1	5408402.8	84900.20313	225.21	52.9	48.828589	-86.941096	56181.06	56279.8	-29.78	56151.27	56156.98047	56148.31073	56145.17578	504323.1	5408402.8
L4325.0	504323.1	5408402.8	84900.29688	223.52	55.79	48.828589	-86.941096	56180.92	56279.8	-29.78	56151.14	56156.87891	56148.33790	56145.31250	504323.1	5408402.8
L4325.0	504323.1	5408404.2	84900.39844	225.18	55.79	48.828602	-86.941096	56181.79	56279.8	-29.77	56152.01	56157.77734	56148.30014	56145.38281	504323.1	5408404.2
L4325.0	504323.1	5408405.7	84900.50000	227.39	57.09	48.828615	-86.941096	56181.83	56279.8	-29.77	56152.06	56157.85156	56148.31877	56145.50781	504323.1	5408405.7
L4325.0	504323.1	5408407.3	84900.60156	226.71	57.09	48.828630	-86.941096	56182.08	56279.8	-29.77	56152.32	56158.13672	56148.32511	56145.62109	504323.1	5408407.3
L4325.0	504323.1	5408407.3	84900.60156	226.71	56.79	48.828630	-86.941096	56182.43	56279.8	-29.77	56152.66	56158.50000	56148.32782	56145.73047	504323.1	5408407.3
L4325.0	504323.1	5408408.7	84900.79688	225.16	56.7	48.828643	-86.941096	56180.71	56279.8	-29.76	56150.96	56156.82422	56148.46822	56145.98047	504323.1	5408408.7
L4325.0	504323.1	5408410.2	84900.89844	224.42	56.7	48.828655	-86.941096	56181.92	56279.8	-29.75	56152.16	56158.04297	56148.41695	56146.03516	504323.1	5408410.2
L4325.0	504323.1	5408411.6	84901.00000	226.24	57.11	48.828668	-86.941096	56181.86	56279.8	-29.75	56152.11	56158.01563	56148.45067	56146.17578	504323.1	5408411.6
L4325.0	504323.1	5408413.0	84901.10156	226.83	56.97	48.828681	-86.941096	56182.44	56279.8	-29.75	56152.69	56158.61719	56148.44402	56146.27344	504323.1	5408413.0
L4325.0	504323.1	5408414.0	84901.20313	227.61	57.05	48.828689	-86.941096	56180.55	56279.8	-29.75	56150.80	56156.74609	56148.60365	56146.53906	504323.1	5408414.0
L4325.0	504323.1	5408415.2	84901.29688	227.78	57.05	48.828701	-86.941096	56181.75	56279.8	-29.75	56152.00	56157.96484	56148.55886	56146.59766	504323.1	5408415.2
L4325.0	504323.1	5408416.8	84901.39844	225.60	57.08	48.828715	-86.941096	56182.04	56279.8	-29.75	56152.29	56158.27344	56148.57630	56146.72266	504323.1	5408416.8
L4325.0	504323.1	5408416.8	84901.50000	225.81	52.83	48.828715	-86.941096	56181.52	56279.8	-29.75	56151.77	56157.76953	56148.64928	56146.89844	504323.1	5408416.8
L4325.0	504323.1	5408418.3	84901.60156	225.74	52.19	48.828729	-86.941096	56182.54	56279.8	-29.75	56152.79	56158.80469	56148.62111	56146.97266	504323.1	5408418.3
L4325.0	504323.1	5408419.9	84901.70313	226.26	55.09	48.828743	-86.941096	56182.56	56279.8	-29.75	56152.81	56158.83984	56148.66108	56147.11719	504323.1	5408419.9
L4325.0	504323.1	5408421.1	84901.79688	223.84	55.09	48.828754	-86.941096	56182.96	56279.8	-29.75	56153.21	56159.25391	56148.67717	56147.23828	504323.1	5408421.1
L4325.0	504323.1	5408421.1	84901.89844	222.15	54.9	48.828754	-86.941096	56180.98	56279.8	-29.75	56151.23	56157.28906	56148.85335	56147.51563	504323.1	5408421.1
L4325.0	504323.1	5408422.6	84902.00000	223.39	54.15	48.828767	-86.941097	56182.49	56279.8	-29.75	56152.74	56158.80859	56148.79825	56147.56250	504323.1	5408422.6
L4325.0	504323.1	5408424.0	84902.10156	224.60	54.15	48.828780	-86.941097	56182.72	56279.7	-29.75	56152.97	56159.05078	56148.82984	56147.69531	504323.1	5408424.0
L4325.0	504323.1	5408425.5	84902.20313	223.38	52.5	48.828793	-86.941097	56182.53	56279.7	-29.74	56152.79	56158.88281	56148.89009	56147.85547	504323.1	5408425.5
L4325.0	504323.1	5408426.4	84902.29688	222.43	50.22	48.828802	-86.941097	56182.52	56279.7	-29.74	56152.78	56158.88281	56148.94028	56148.00781	504323.1	5408426.4
L4325.0	504323.1	5408428.1	84902.39844	222.53	50.22	48.828817	-86.941097	56182.32	56279.7	-29.73	56152.58	56158.69141	56149.00439	56148.17188	504323.1	5408428.1
L4325.0	504323.1	5408428.1	84902.50000	222.23	51.9	48.828817	-86.941097	56183.00	56279.7	-29.73	56153.27	56159.39063	56149.01036	56148.27734	504323.1	5408428.1
L4325.0	504323.1	5408429.8	84902.60156	223.06	54.86	48.828832	-86.941097	56182.90	56279.7	-29.73	56153.17	56159.30078	56149.07017	56148.43750	504323.1	5408429.8
L4325.0	504323.1	5408431.0	84902.60156	223.06	56.7	48.828843	-86.941097	56183.00	56279.7	-29.73	56153.27	56159.40625	56149.11777	56148.58594	504323.1	5408431.0
L4325.0	504323.1	5408432.4	84902.79688	222.97	56.7	48.828855	-86.941097	56183.82	56279.7	-29.72	56154.11	56160.25391	56149.11711	56148.68359	504323.1	5408432.4
L4325.0	504323.1	5408433.6	84902.89844	223.35	56.87	48.828866	-86.941097	56182.71	56279.7	-29.71	56152.99	56159.13672	56149.24816	56148.91016	504323.1	5408433.6
L4325.0	504323.1	5408435.0	84903.00000	224.84	56.46	48.828879	-86.941097	56183.98	56279.7	-29.71	56154.27	56160.42188	56149.22019	56148.98047	504323.1	5408435.0
L4325.0	504323.1	5408436.2	84903.10156	223.46	56.86	48.828890	-86.941097	56183.96	56279.7	-29.71	56154.26	56160.41797	56149.27916	56149.13672	504323.1	5408436.2
L4325.0	504323.1	5408437.7	84903.20313	225.75	56.64	48.828903	-86.941097	56184.21	56279.7	-29.70	56154.51	56160.66797	56149.32170	56149.27734	504323.1	5408437.7
L4325.0	504323.1	5408437.7	84903.29688	227.87	56.04	48.828903	-86.941097	56184.09	56279.7	-29.69	56154.39	56160.55078	56149.38974	56149.44141	504323.1	5408437.7
L4325.0	504323.1	5408439.1	84903.39844	226.04	55.48	48.828915	-86.941097	56183.43	56279.7	-29.69	56153.74	56159.90234	56149.49391	56149.64063	504323.1	5408439.1
L4325.0	504323.0	5408440.5	84903.50000	223.10	55.48	48.828928	-86.941097	56184.11	56279.7	-29.68	56154.42	56160.58594	56149.51015	56149.75391	504323.0	5408440.5
L4325.0	504323.0	5408441.9	84903.60156	221.77	55.39	48.828941	-86.941097	56184.55	56279.7	-29.68	56154.87	56161.03516	56149.54241	56149.87891	504323.0	5408441.9
L4325.0	504323.0	5408442.7	84903.70313	223.49	56.45	48.828948	-86.941097	56184.59	56279.7	-29.68	56154.91	56161.07422	56149.60263	56150.03125	504323.0	5408442.7
L4325.0	504323.0	5408444.1	84903.79688	224.18	56.16	48.828961	-86.941097	56184.37	56279.7	-29.67	56154.70	56160.86328	56149.68010	56150.20313	504323.0	5408444.1
L4325.0	504323.0	5408445.7	84903.89844	220.31	56.16	48.828975	-86.941097	56184.71	56279.7	-29.67	56155.05	56161.21094	56149.72076	56150.33594	504323.0	5408445.7
L4325.0	504323.0	5408450.9	84904.29688	220.09	56.42	48.829021	-86.941097	56184.76	56279.7	-29.67	56155.10	56161.25781	56149.78188	56150.49219	504323.0	5408450.9
L4325.0	504323.0	5408450.9	84904.39844	220.04	54.16	48.829021	-86.941097	56186.01	56279.7	-29.67	56156.34	56162.49609	56149.76407	56150.56641	504323.0	5408450.9
L4325.0	504323.0	5408452.1	84904.50000	220.87	50.32	48.829033	-86.941097	56185.22	56279.7	-29.67	56155.55	56161.70313	56149.88195	56150.77344	504323.0	5408452.1
L4325.0	504323.0	5408453.8	84904.60156	220.44	50.32	48.829048	-86.941097	56186.72	56279.7	-29.67	56157.05	56163.19531	56149.84745	56150.83203	504323.0	5408453.8
L4325.0	504323.1	5408454.8	84904.60156	220.44	50.87	48.829057	-86.941097	56184.69	56279.7	-29.67	56155.02	56161.16016	56150.04851	56151.12109	504323.1	5408454.8
L4325.0	504323.1	5408456.0	84904.79688	222.45	50.63	48.829068	-86.941097	56185.58	56279.7	-29.68	56155.90	56162.03516	56150.05574	56151.21875	504323.1	5408456.0
L4325.0	504323.1	5408457.2	84904.89844	223.35	50.63	48.829078	-86.941097	56186.06	56279.7	-29.68	56156.38	56162.50781	56150.08974	56151.33984	504323.1	5408457.2
L4325.0	504323.1	5408458.6	84905.00000	224.29	52.18	48.829091	-86.941096	56186.19	56279.7	-29.68	56156.51	56162.63281	56150.14713	56151.48828	504323.1	5408458.6
L4325.0	504323.1	5408460.1	84905.10156	222.91	53.83	48.829104	-86.941096	56186.95	56279.7	-29.67	56157.27	56163.38281	56150.16249	56151.58984	504323.1	5408460.1
L4325.0	504323.1	5408461.1	84905.20313	223.33	53.83	48.829113	-86.941096	56186.08	56279.7	-29.67	56156.41	56162.51563	56150.28578	56151.80078	504323.1	5408461.1
L4325.0	504323.1	5408461.1	84905.29688	223.58	55.72	48.829113	-86.941096	56186.66	56279.7	-29.66	56157.00	56163.09766	56150.31226	56151.91406	504323.1	5408461.1
L4325.0	504323.1	5408462.7	84905.39844	225.97	55.94	48.829128	-86.941096	56187.43	56279.7	-29.66	56157.78	56163.86719	56150.32586	56152.01172	504323.1	5408462.7
L4325.0	504323.1	5408464.0	84905.50000	226.30	46.58	48.829139	-86.941096	56187.88	56279.7	-29.65	56158.23	56164.30859	56150.36120	56152.13281	504323.1	5408464.0
L4325.0	504323.1	5408465.4	84905.60156	226.63	46.58	48.829152	-86.941096	56187.29	56279.6	-29.64	56157.65	56163.71484	56150.46487	56152.32031	504323.1	5408465.4
L4325.0	504323.1	5408466.8	84905.70313	224.40	45.69	48.829164	-86.941095	56188.42	56279.6	-29.64	56158.78	56164.83594	56150.45415	56152.39453	504323.1	5408466.8
L4325.0	504323.2	5408468.0	84905.79688	224.00	46.59	48.829176	-86.941095	56187.37	56279.6	-29.63	56157.73	56163.77344	56150.58830	56152.61328	504323.2	5408468.0
L4325.0	504323.2	5408468.0	84905.89844	226.61	46.59	48.829176	-86.941095	56187.83	56279.6	-29.63	56158.20	56164.23047	56150.62060	56152.72656	504323.2	5408468.0
L4325.0	504323.2	5408469.4	84906.00000	226.98	42.58	48.829189	-86.941095	56187.48	56279.6	-29.62	56157.86	56163.87891	56150.70631	56152.89453	504323.2	5408469.4
L4325.0	504323.2	5408471.0	84906.10156	228.55	42.58	48.829203	-86.941095	56188.36	56279.6	-29.62	56158.74	56164.74609	56150.71003	56152.98047	504323.2	5408471.0
L4325.0	504323.2	5408472.5	84906.20313	228.33	55.56	48.829216	-86.941095	56188.87	56279.6	-29.62	56159.25	56165.24219	56150.73771	56153.08984	504323.2	5408472.5
L4325.0	504323.2	5408474.0	84906.29688	229.87	55.95	48.829229	-86.941095	56188.84	56279.6	-29.62	56159.23	56165.20703	56150.79993	56153.23047	504323.2	5408474.0
L4325.0	504323.2	5408474.9	84906.39844	229.78	55.95	48.829238	-86.941095	56187.93	56279.6	-29.62	56158.31	56164.26953	56150.92132	56153.42969	504323.2	5408474.9
L4325.0	504323.2	5408476.3	84906.50000	231.05	55.87	48.829250	-86.941095	56189.27	56279.6	-29.62	56159.66	56165.60547	56150.89046	56153.48047	504323.2	5408476.3
L4325.0	504323.2	5408477.5	84906.60156	230.43	55.89	48.829261	-86.941095	56188.98	56279.6	-29.61	56159.37	56165.30078	56150.96797	56153.63281	504323.2	5408477.5
L4325.0	504323.2	5408477.5	84906.60156	230.43	56.05	48.829261	-86.941095	56189.25	56279.6	-29.61	56159.63	56165.54297	56151.00777	56153.75000	504323.2	5408477.5
L4325.0	504323.2	5408478.9	84906.79688	227.16	56.05	48.829274	-86.941095	56188.99	56279.6	-29.61	56159.38	56165.27734	56151.08048	56153.89844	504323.2	5408478.9
L4325.0	504323.2	5408480.8	84906.89844	228.92	50.53	48.829291	-86.941094	56189.40	56279.6	-29.61	56159.79	56165.66797	56151.10802	56154.00391	504323.2	5408480.8
L4325.0	504323.2	5408481.9	84907.00000	229.46	53.33	48.829300	-86.941094	56189.72	56279.6	-29.61	56160.11	56165.96875	56151.14034	56154.10938	504323.2	5408481.9
L4325.0	504323.2	5408481.9	84907.10156	227.01	53.33	48.829300	-86.941094	56190.59	56279.6	-29.61	56160.99	56166.83203	56151.13403	56154.17578	504323.2	5408481.9
L4325.0	504323.2	5408485.0	84907.20313	227.86	50.39	48.829328	-86.941094	56189.72	56279.6	-29.61	56160.11	56165.93359	56151.24371	56154.35938	504323.2	5408485.0
L4325.0	504323.2	5408485.0	84907.29688	227.32	52.13	48.829328	-86.941094	56190.77	56279.6	-29.60	56161.17	56166.97266	56151.22264	56154.41016	504323.2	5408485.0
L4325.0	504323.2	5408486.3	84907.39844	226.01	52.13	48.829340	-86.941094	56190.96	56279.6	-29.60	56161.36	56167.14453	56151.25810	56154.51953	504323.2	5408486.3
L4325.0	504323.2	5408487.9	84907.50000	224.67	54.88	48.829354	-86.941094	56190.86	56279.6	-29.60	56161.26	56167.02344	56151.31136	56154.64063	504323.2	5408487.9
L4325.0	504323.2	5408487.9	84907.60156	226.67	54.88	48.829354	-86.941094	56190.31	56279.6	-29.60	56160.71	56166.45313	56151.39303	56154.79297	504323.2	5408487.9
L4325.0	504323.3	5408490.1	84907.70313	226.11	55.09	48.829374	-86.941094	56190.77	56279.6	-29.60	56161.18	56166.90234	56151.40505	56154.87500	504323.3	5408490.1
L4325.0	504323.3	5408491.0	84907.79688	223.47	46.86	48.829383	-86.941094	56191.90	56279.6	-29.59	56162.31	56168.01172	56151.37136	56154.91016	504323.3	5408491.0
L4325.0	504323.3	5408492.2	84907.89844	223.94	48.41	48.829394	-86.941094	56191.50	56279.6	-29.59	56161.90	56167.58203	56151.43857	56155.04297	504323.3	5408492.2
L4325.0	504323.3	5408493.9	84908.00000	225.80	48.41	48.829409	-86.941093	56190.86	56279.6	-29.59	56161.27	56166.92969	56151.51863	56155.19141	504323.3	5408493.9
L4325.0	504323.3	5408494.9	84908.10156	225.83	48.63	48.829418	-86.941093	56191.98	56279.6	-29.59	56162.39	56168.02734	56151.48016	56155.21875	504323.3	5408494.9
L4325.0	504323.3	5408494.9	84908.20313	226.66	48.63	48.829418	-86.941093	56192.12	56279.6	-29.59	56162.54	56168.15234	56151.50443	56155.30469	504323.3	5408494.9
L4325.0	504323.3	5408496.6	84908.29688	227.38	45.44	48.829433	-86.941093	56192.23	56279.6	-29.58	56162.65	56168.23828	56151.52940	56155.39453	504323.3	5408496.6
L4325.0	504323.3	5408498.1	84908.39844	229.26	47.16	48.829446	-86.941093	56191.68	56279.6	-29.58	56162.09	56167.65625	56151.59702	56155.52734	504323.3	5408498.1
L4325.0	504323.3	5408499.3	84908.50000	228.85	47.16	48.829457	-86.941093	56191.75	56279.6	-29.58	56162.17	56167.71094	56151.61990	56155.60938	504323.3	5408499.3
L4325.0	504323.3	5408500.7	84908.60156	228.34	53.64	48.829470	-86.941093	56192.34	56279.6	-29.58	56162.76	56168.27734	56151.60668	56155.66016	504323.3	5408500.7
L4325.0	504323.3	5408502.1	84908.60156	228.34	55.09	48.829483	-86.941093	56193.21	56279.6	-29.58	56163.64	56169.13281	56151.57198	56155.68359	504323.3	5408502.1
L4325.0	504323.3	5408502.1	84908.79688	230.12	55.42	48.829483	-86.941093	56192.31	56279.6	-29.57	56162.74	56168.21094	56151.65376	56155.82422	504323.3	5408502.1
L4325.0	504323.3	5408503.5	84908.89844	227.98	55.29	48.829495	-86.941093	56191.75	56279.6	-29.57	56162.18	56167.62500	56151.71064	56155.94141	504323.3	5408503.5
L4325.0	504323.3	5408505.0	84909.00000	226.97	55.29	48.829508	-86.941093	56193.21	56279.6	-29.57	56163.64	56169.05859	56151.63059	56155.91797	504323.3	5408505.0
L4325.0	504323.3	5408506.1	84909.10156	229.31	55.36	48.829519	-86.941093	56192.67	56279.6	-29.57	56163.10	56168.49219	56151.68158	56156.02344	504323.3	5408506.1
L4325.0	504323.3	5408507.3	84909.20313	231.19	55.11	48.829529	-86.941093	56192.56	56279.6	-29.57	56162.98	56168.34766	56151.70225	56156.09766	504323.3	5408507.3
L4325.0	504323.3	5408508.6	84909.29688	232.12	55.11	48.829541	-86.941093	56192.92	56279.6	-29.57	56163.35	56168.69141	56151.68789	56156.14063	504323.3	5408508.6
L4325.0	504323.3	5408510.0	84909.39844	230.79	54.84	48.829553	-86.941093	56192.91	56279.6	-29.57	56163.33	56168.64453	56151.69715	56156.20313	504323.3	5408510.0
L4325.0	504323.3	5408511.2	84909.50000	230.30	53.32	48.829564	-86.941093	56193.56	56279.6	-29.57	56163.98	56169.26563	56151.65934	56156.21484	504323.3	5408511.2
L4325.0	504323.3	5408512.6	84909.60156	229.41	53.32	48.829577	-86.941093	56192.63	56279.6	-29.58	56163.05	56168.30859	56151.72443	56156.33203	504323.3	5408512.6
L4325.0	504323.3	5408512.6	84909.70313	226.62	49.5	48.829577	-86.941093	56193.07	56279.6	-29.58	56163.50	56168.73047	56151.69507	56156.35156	504323.3	5408512.6

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4325.0	504323.2	5408514.8	84909.79688	223.85	46.34	48.829596	-86.941093	56192.63	56279.6	-29.58	56163.05	56168.25391	56151.72325	56156.42969	504323.2	5408514.8
L4325.0	504323.2	5408516.0	84909.89844	223.04	48.98	48.829607	-86.941093	56194.09	56279.6	-29.58	56164.51	56169.68359	56151.62161	56156.37500	504323.2	5408516.0
L4325.0	504323.2	5408516.0	84910.00000	222.86	48.98	48.829607	-86.941093	56192.86	56279.6	-29.58	56163.28	56168.42578	56151.69680	56156.49609	504323.2	5408516.0
L4325.0	504323.2	5408517.3	84910.10156	223.01	52.33	48.829619	-86.941094	56193.44	56279.6	-29.58	56163.86	56168.97656	56151.64883	56156.49219	504323.2	5408517.3
L4325.0	504323.2	5408519.0	84910.20313	223.82	51.11	48.829634	-86.941094	56192.79	56279.6	-29.58	56163.21	56168.29688	56151.68034	56156.57031	504323.2	5408519.0
L4325.0	504323.2	5408520.0	84910.29688	226.11	48.84	48.829643	-86.941094	56193.08	56279.6	-29.58	56163.50	56168.55859	56151.64667	56156.57813	504323.2	5408520.0
L4325.0	504323.2	5408521.6	84910.39844	226.22	53	48.829658	-86.941094	56193.80	56279.6	-29.58	56164.22	56169.25000	56151.58181	56156.55469	504323.2	5408521.6
L4325.0	504323.2	5408522.8	84910.50000	224.64	53	48.829669	-86.941094	56193.15	56279.6	-29.58	56163.57	56168.57031	56151.60576	56156.62109	504323.2	5408522.8
L4325.0	504323.2	5408524.2	84910.60156	222.99	52.01	48.829682	-86.941094	56193.52	56279.6	-29.58	56163.94	56168.91016	56151.55918	56156.61328	504323.2	5408524.2
L4325.0	504323.2	5408524.2	84910.60156	222.99	51.06	48.829682	-86.941094	56193.20	56279.6	-29.58	56163.62	56168.55859	56151.55608	56156.64844	504323.2	5408524.2
L4325.0	504323.2	5408526.5	84910.79688	222.62	51.06	48.829702	-86.941093	56193.85	56279.6	-29.58	56164.27	56169.17578	56151.48581	56156.61719	504323.2	5408526.5
L4325.0	504323.3	5408527.7	84910.89844	222.23	52.78	48.829712	-86.941093	56193.75	56279.6	-29.58	56164.17	56169.04688	56151.46302	56156.62891	504323.3	5408527.7
L4325.0	504323.3	5408529.0	84911.00000	221.90	51.98	48.829725	-86.941093	56191.95	56279.6	-29.58	56162.37	56167.21484	56151.55108	56156.75000	504323.3	5408529.0
L4325.0	504323.3	5408529.0	84911.10156	225.53	53.93	48.829725	-86.941093	56192.93	56279.6	-29.58	56163.36	56168.17188	56151.45064	56156.68359	504323.3	5408529.0
L4325.0	504323.3	5408530.3	84911.20313	227.02	53.93	48.829736	-86.941093	56192.92	56279.6	-29.57	56163.34	56168.12109	56151.41507	56156.67969	504323.3	5408530.3
L4325.0	504323.3	5408531.7	84911.29688	229.26	54.52	48.829749	-86.941093	56193.16	56279.6	-29.57	56163.59	56168.33984	56151.35904	56156.65625	504323.3	5408531.7
L4325.0	504323.3	5408533.4	84911.39844	227.28	54.62	48.829764	-86.941092	56193.20	56279.6	-29.57	56163.63	56168.34766	56151.31458	56156.64063	504323.3	5408533.4
L4325.0	504323.3	5408533.4	84911.50000	227.64	54.62	48.829764	-86.941092	56192.42	56279.6	-29.57	56162.86	56167.54297	56151.32169	56156.67578	504323.3	5408533.4
L4325.0	504323.3	5408535.1	84911.60156	228.85	53.3	48.829779	-86.941092	56193.05	56279.6	-29.56	56163.48	56168.12891	56151.23374	56156.61719	504323.3	5408535.1
L4325.0	504323.3	5408536.3	84911.70313	228.98	54.69	48.829790	-86.941092	56192.93	56279.6	-29.56	56163.38	56167.99609	56151.19141	56156.59766	504323.3	5408536.3
L4325.0	504323.3	5408537.7	84911.79688	227.16	54.69	48.829803	-86.941092	56192.77	56279.6	-29.56	56163.21	56167.79297	56151.15139	56156.58203	504323.3	5408537.7
L4325.0	504323.4	5408539.0	84911.89844	230.12	53.83	48.829814	-86.941092	56191.32	56279.6	-29.55	56161.77	56166.32031	56151.19371	56156.64844	504323.4	5408539.0
L4325.0	504323.4	5408540.4	84912.00000	228.11	52.62	48.829827	-86.941092	56191.86	56279.6	-29.55	56162.31	56166.82422	56151.10174	56156.57813	504323.4	5408540.4
L4325.0	504323.4	5408541.1	84912.10156	226.85	54.66	48.829833	-86.941091	56192.91	56279.5	-29.55	56163.36	56167.83984	56150.97348	56156.46875	504323.4	5408541.1
L4325.0	504323.4	5408542.5	84912.20313	224.14	54.66	48.829846	-86.941091	56192.28	56279.5	-29.55	56162.74	56167.18359	56150.95432	56156.46875	504323.4	5408542.5
L4325.0	504323.4	5408544.2	84912.29688	227.58	54.79	48.829861	-86.941091	56191.68	56279.5	-29.54	56162.13	56166.53906	56150.93227	56156.46484	504323.4	5408544.2
L4325.0	504323.4	5408544.2	84912.39844	225.79	54.44	48.829861	-86.941091	56192.21	56279.5	-29.54	56162.67	56167.04297	56150.83137	56156.37891	504323.4	5408544.2
L4325.0	504323.4	5408546.6	84912.50000	225.30	54.44	48.829883	-86.941091	56191.75	56279.5	-29.54	56162.21	56166.54688	56150.79498	56156.35938	504323.4	5408546.6
L4325.0	504323.4	5408546.6	84912.60156	224.83	54.42	48.829883	-86.941091	56191.82	56279.5	-29.54	56162.28	56166.58203	56150.72115	56156.29688	504323.4	5408546.6
L4325.0	504323.4	5408548.3	84912.60156	224.83	54.47	48.829898	-86.941091	56191.95	56279.5	-29.54	56162.42	56166.68359	56150.64056	56156.23047	504323.4	5408548.3
L4325.0	504323.4	5408549.8	84912.79688	228.87	54.6	48.829912	-86.941091	56192.31	56279.5	-29.53	56162.78	56167.00781	56150.54325	56156.14453	504323.4	5408549.8
L4325.0	504323.4	5408551.0	84912.89844	229.14	54.6	48.829922	-86.941091	56190.66	56279.5	-29.53	56161.13	56165.32031	56150.57793	56156.18750	504323.4	5408551.0
L4325.0	504323.4	5408551.0	84913.00000	227.03	54.5	48.829922	-86.941091	56191.83	56279.5	-29.53	56162.30	56166.45313	56150.42263	56156.03906	504323.4	5408551.0
L4325.0	504323.4	5408552.5	84913.10156	226.86	54.48	48.829936	-86.941091	56190.42	56279.5	-29.53	56160.89	56165.00781	56150.43739	56156.05859	504323.4	5408552.5
L4325.0	504323.4	5408554.2	84913.20313	227.44	54.48	48.829951	-86.941090	56190.38	56279.5	-29.53	56160.85	56164.92969	56150.35892	56155.98828	504323.4	5408554.2
L4325.0	504323.5	5408555.6	84913.29688	226.08	54.32	48.829964	-86.941090	56191.75	56279.5	-29.52	56162.23	56166.26953	56150.18391	56155.81641	504323.5	5408555.6
L4325.0	504323.5	5408555.6	84913.39844	225.84	54.32	48.829964	-86.941090	56190.33	56279.5	-29.52	56160.81	56164.81250	56150.19375	56155.82813	504323.5	5408555.6
L4325.0	504323.5	5408557.6	84913.50000	228.25	53.8	48.829981	-86.941090	56190.14	56279.5	-29.52	56160.62	56164.58203	56150.11980	56155.75391	504323.5	5408557.6
L4325.0	504323.5	5408559.1	84913.60156	227.98	53.29	48.829995	-86.941090	56190.71	56279.5	-29.52	56161.19	56165.11328	56149.99344	56155.62500	504323.5	5408559.1
L4325.0	504323.5	5408560.2	84913.70313	226.59	53.29	48.830005	-86.941090	56190.31	56279.5	-29.52	56160.79	56164.67578	56149.93005	56155.55859	504323.5	5408560.2
L4325.0	504323.4	5408561.7	84913.79688	228.17	54.1	48.830019	-86.941090	56190.26	56279.5	-29.51	56160.75	56164.59375	56149.84100	56155.46875	504323.4	5408561.7
L4325.0	504323.4	5408563.2	84913.89844	227.64	54.46	48.830032	-86.941090	56190.13	56279.5	-29.51	56160.61	56164.41406	56149.75699	56155.37891	504323.4	5408563.2
L4325.0	504323.4	5408564.5	84914.00000	227.59	54.11	48.830043	-86.941091	56189.63	56279.5	-29.51	56160.12	56163.88281	56149.69474	56155.30859	504323.4	5408564.5
L4325.0	504323.4	5408564.5	84914.10156	224.07	54.11	48.830043	-86.941091	56189.88	56279.5	-29.51	56160.38	56164.10156	56149.58096	56155.18750	504323.4	5408564.5
L4325.0	504323.4	5408565.9	84914.20313	224.48	54.28	48.830056	-86.941091	56189.79	56279.5	-29.50	56160.29	56163.97266	56149.48902	56155.08594	504323.4	5408565.9
L4325.0	504323.4	5408567.9	84914.29688	225.87	54.28	48.830074	-86.941091	56188.94	56279.5	-29.50	56159.44	56163.07813	56149.44630	56155.03125	504323.4	5408567.9
L4325.0	504323.4	5408567.9	84914.39844	226.41	44.9	48.830074	-86.941091	56188.36	56279.5	-29.50	56158.86	56162.45703	56149.38418	56154.95703	504323.4	5408567.9
L4325.0	504323.4	5408569.5	84914.50000	224.60	43.89	48.830088	-86.941091	56189.50	56279.5	-29.50	56160.01	56163.56641	56149.20536	56154.76563	504323.4	5408569.5
L4325.0	504323.4	5408571.0	84914.60156	224.49	43.89	48.830102	-86.941091	56188.36	56279.5	-29.49	56158.87	56162.38281	56149.17789	56154.72266	504323.4	5408571.0
L4325.0	504323.4	5408572.4	84914.60156	224.49	54.26	48.830115	-86.941091	56188.84	56279.5	-29.49	56159.35	56162.82031	56149.04115	56154.56641	504323.4	5408572.4
L4325.0	504323.4	5408572.4	84914.79688	226.26	54.26	48.830115	-86.941091	56188.28	56279.5	-29.49	56158.79	56162.21875	56148.97252	56154.48047	504323.4	5408572.4
L4325.0	504323.3	5408574.1	84914.89844	224.49	54.19	48.830130	-86.941092	56189.20	56279.5	-29.48	56159.72	56163.10547	56148.80336	56154.29297	504323.3	5408574.1
L4325.0	504323.3	5408575.5	84915.00000	223.03	53	48.830143	-86.941092	56187.93	56279.5	-29.48	56158.45	56161.78906	56148.77974	56154.24609	504323.3	5408575.5
L4325.0	504323.3	5408576.7	84915.10156	221.58	53	48.830154	-86.941092	56188.03	56279.5	-29.48	56158.55	56161.84766	56148.66368	56154.10938	504323.3	5408576.7
L4325.0	504323.3	5408578.4	84915.20313	221.56	53.96	48.830169	-86.941092	56186.82	56279.5	-29.47	56157.35	56160.60156	56148.63324	56154.05469	504323.3	5408578.4
L4325.0	504323.3	5408578.4	84915.29688	222.41	53.96	48.830169	-86.941092	56187.60	56279.5	-29.47	56158.13	56161.33594	56148.46978	56153.86719	504323.3	5408578.4
L4325.0	504323.3	5408579.4	84915.39844	224.02	53.83	48.830178	-86.941092	56187.89	56279.5	-29.47	56158.42	56161.58203	56148.33803	56153.70703	504323.3	5408579.4
L4325.0	504323.3	5408580.8	84915.50000	226.79	54.27	48.830190	-86.941093	56187.55	56279.5	-29.46	56158.08	56161.19922	56148.24735	56153.58984	504323.3	5408580.8
L4325.0	504323.2	5408582.3	84915.60156	225.89	54.27	48.830203	-86.941093	56187.57	56279.5	-29.46	56158.11	56161.18359	56148.13112	56153.44531	504323.2	5408582.3
L4325.0	504323.2	5408583.8	84915.70313	222.59	54.26	48.830217	-86.941093	56185.68	56279.5	-29.46	56156.22	56159.24609	56148.14205	56153.42578	504323.2	5408583.8
L4325.0	504323.2	5408584.7	84915.79688	223.31	52.65	48.830225	-86.941093	56186.39	56279.5	-29.46	56156.94	56159.92188	56147.97818	56153.23047	504323.2	5408584.7
L4325.0	504323.2	5408586.1	84915.89844	223.97	52.65	48.830238	-86.941093	56187.10	56279.5	-29.45	56157.65	56160.58594	56147.81423	56153.03125	504323.2	5408586.1
L4325.0	504323.2	5408587.4	84916.00000	225.53	51.44	48.830250	-86.941093	56185.75	56279.4	-29.45	56156.30	56159.18750	56147.78689	56152.96875	504323.2	5408587.4
L4325.0	504323.2	5408588.8	84916.10156	224.92	52.4	48.830262	-86.941093	56186.46	56279.4	-29.44	56157.02	56159.85938	56147.62088	56152.76953	504323.2	5408588.8
L4325.0	504323.2	5408589.8	84916.20313	224.38	52.4	48.830271	-86.941094	56185.50	56279.4	-29.44	56156.06	56158.85547	56147.56623	56152.67578	504323.2	5408589.8
L4325.0	504323.2	5408591.0	84916.29688	224.77	51.81	48.830282	-86.941094	56186.25	56279.4	-29.43	56156.82	56159.56641	56147.39632	56152.46875	504323.2	5408591.0
L4325.0	504323.2	5408591.0	84916.39844	226.70	52.74	48.830282	-86.941094	56185.86	56279.4	-29.43	56156.43	56159.12891	56147.30252	56152.33594	504323.2	5408591.0
L4325.0	504323.2	5408592.7	84916.50000	225.19	53.9	48.830297	-86.941094	56185.68	56279.4	-29.43	56156.25	56158.90234	56147.19419	56152.18750	504323.2	5408592.7
L4325.0	504323.2	5408594.2	84916.60156	228.34	53.9	48.830310	-86.941094	56185.41	56279.4	-29.42	56155.99	56158.59375	56147.09073	56152.03906	504323.2	5408594.2
L4325.0	504323.2	5408595.6	84916.60156	228.34	50.91	48.830323	-86.941094	56184.46	56279.4	-29.42	56155.04	56157.59375	56147.03282	56151.94141	504323.2	5408595.6
L4325.0	504323.2	5408595.6	84916.79688	226.92	44.05	48.830323	-86.941094	56185.38	56279.4	-29.41	56155.96	56158.46484	56146.84983	56151.71094	504323.2	5408595.6
L4325.0	504323.1	5408598.5	84916.89844	226.66	44.05	48.830349	-86.941094	56184.88	56279.4	-29.40	56155.47	56157.92969	56146.76047	56151.57813	504323.1	5408598.5
L4325.0	504323.1	5408598.5	84917.00000	226.93	46.23	48.830349	-86.941094	56185.14	56279.4	-29.40	56155.74	56158.14844	56146.62011	56151.39063	504323.1	5408598.5
L4325.0	504323.1	5408599.7	84917.10156	226.99	45.17	48.830360	-86.941094	56184.71	56279.4	-29.40	56155.32	56157.67969	56146.52545	56151.25000	504323.1	5408599.7
L4325.0	504323.1	5408601.1	84917.20313	225.48	45.17	48.830373	-86.941094	56184.04	56279.4	-29.40	56154.64	56156.94922	56146.44785	56151.12109	504323.1	5408601.1
L4325.0	504323.1	5408602.5	84917.29688	226.93	44.66	48.830386	-86.941094	56182.46	56279.4	-29.40	56153.06	56155.32031	56146.43001	56151.05469	504323.1	5408602.5
L4325.0	504323.1	5408603.8	84917.39844	227.50	44.66	48.830397	-86.941094	56184.04	56279.4	-29.40	56154.64	56156.85156	56146.20130	56150.77734	504323.1	5408603.8
L4325.0	504323.1	5408603.8	84917.50000	228.23	52.07	48.830397	-86.941094	56184.11	56279.4	-29.40	56154.71	56156.87109	56146.07308	56150.59766	504323.1	5408603.8
L4325.0	504323.1	5408606.0	84917.60156	226.26	40.82	48.830417	-86.941094	56183.54	56279.4	-29.39	56154.14	56156.25391	56145.98739	56150.45703	504323.1	5408606.0
L4325.0	504323.1	5408607.4	84917.70313	225.91	40.82	48.830430	-86.941094	56183.64	56279.4	-29.39	56154.24	56156.30469	56145.85690	56150.27344	504323.1	5408607.4
L4325.0	504323.1	5408608.9	84917.79688	226.27	43.11	48.830443	-86.941094	56182.54	56279.4	-29.39	56153.15	56155.16406	56145.80567	56150.16797	504323.1	5408608.9
L4325.0	504323.1	5408608.9	84917.89844	227.99	48.37	48.830443	-86.941094	56183.44	56279.4	-29.39	56154.05	56156.01172	56145.62170	56149.92969	504323.1	5408608.9
L4325.0	504323.1	5408610.5	84918.00000	226.91	48.37	48.830458	-86.941094	56182.25	56279.4	-29.39	56152.86	56154.77344	56145.57703	56149.82813	504323.1	5408610.5
L4325.0	504323.1	5408612.0	84918.10156	226.82	47.23	48.830471	-86.941094	56182.87	56279.4	-29.39	56153.49	56155.35156	56145.41102	56149.60547	504323.1	5408612.0
L4325.0	504323.1	5408613.5	84918.20313	225.43	43.7	48.830484	-86.941095	56183.40	56279.4	-29.38	56154.02	56155.83203	56145.25168	56149.38672	504323.1	5408613.5
L4325.0	504323.1	5408614.7	84918.29688	225.09	43.7	48.830495	-86.941095	56182.46	56279.4	-29.38	56153.08	56154.84375	56145.19038	56149.26563	504323.1	5408614.7
L4325.0	504323.1	5408614.7	84918.39844	221.62	48.78	48.830495	-86.941095	56182.97	56279.4	-29.37	56153.60	56155.31250	56145.03180	56149.05078	504323.1	5408614.7
L4325.0	504323.1	5408616.1	84918.50000	223.69	48.78	48.830508	-86.941095	56181.68	56279.4	-29.37	56152.31	56153.97266	56144.99397	56148.95313	504323.1	5408616.1
L4325.0	504323.1	5408617.8	84918.60156	223.09	44.47	48.830523	-86.941095	56182.87	56279.4	-29.37	56153.50	56155.11328	56144.79090	56148.68750	504323.1	5408617.8
L4325.0	504323.1	5408618.9	84918.60156	223.09	46.45	48.830533	-86.941095	56181.77	56279.4	-29.37	56152.40	56153.96094	56144.74062	56148.57422	504323.1	5408618.9
L4325.0	504323.0	5408620.1	84918.79688	220.69	44.75	48.830544	-86.941095	56182.24	56279.4	-29.36	56152.88	56154.39063	56144.58514	56148.35938	504323.0	5408620.1
L4325.0	504323.0	5408621.6	84918.89844	220.49	45.59	48.830557	-86.941095	56181.68	56279.4	-29.35	56152.33	56153.78906	56144.49849	56148.21094	504323.0	5408621.6
L4325.0	504323.0	5408623.0	84919.00000	222.79	45.59	48.830570	-86.941096	56181.52	56279.3	-29.35	56152.17	56153.58203	56144.38600	56148.03516	504323.0	5408623.0

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4325.0	504323.0	5408623.0	84919.10156	221.23	51.17	48.830570	-86.941096	56181.68	56279.4	-29.35	56152.33	56153.69141	56144.25237	56147.83594	504323.0	5408623.0
L4325.0	504323.0	5408625.5	84919.20313	222.68	51.08	48.830592	-86.941096	56181.34	56279.4	-29.35	56151.98	56153.29297	56144.15294	56147.67188	504323.0	5408625.5
L4325.0	504323.0	5408625.5	84919.29688	223.46	50.05	48.830592	-86.941096	56181.50	56279.4	-29.35	56152.15	56153.41016	56144.01906	56147.47266	504323.0	5408625.5
L4325.0	504322.9	5408627.0	84919.39844	225.42	48.85	48.830606	-86.941097	56180.16	56279.4	-29.35	56150.81	56152.02344	56143.98607	56147.37500	504322.9	5408627.0
L4325.0	504322.9	5408628.4	84919.50000	226.76	48.85	48.830619	-86.941097	56181.13	56279.4	-29.36	56151.78	56152.94141	56143.79932	56147.12500	504322.9	5408628.4
L4325.0	504322.9	5408630.0	84919.60156	226.02	47.68	48.830633	-86.941097	56180.37	56279.4	-29.36	56151.01	56152.12500	56143.72881	56146.98828	504322.9	5408630.0
L4325.0	504322.9	5408630.0	84919.70313	225.74	43.26	48.830633	-86.941097	56180.99	56279.4	-29.36	56151.63	56152.69531	56143.56590	56146.75781	504322.9	5408630.0
L4325.0	504322.9	5408631.8	84919.79688	225.30	43.26	48.830649	-86.941097	56180.27	56279.4	-29.36	56150.91	56151.92578	56143.49258	56146.61719	504322.9	5408631.8
L4325.0	504322.8	5408633.0	84919.89844	223.37	43.25	48.830660	-86.941098	56180.52	56279.4	-29.36	56151.16	56152.12891	56143.35486	56146.41406	504322.8	5408633.0
L4325.0	504322.8	5408634.4	84920.00000	224.64	43.64	48.830673	-86.941098	56180.55	56279.4	-29.36	56151.19	56152.10938	56143.23207	56146.22266	504322.8	5408634.4
L4325.0	504322.8	5408635.7	84920.10156	224.65	43.64	48.830684	-86.941098	56180.52	56279.4	-29.36	56151.16	56152.03125	56143.11355	56146.03906	504322.8	5408635.7
L4325.0	504322.8	5408637.1	84920.20313	223.75	43.78	48.830696	-86.941098	56179.73	56279.4	-29.35	56150.38	56151.20313	56143.04529	56145.90234	504322.8	5408637.1
L4325.0	504322.8	5408638.3	84920.29688	222.42	42.74	48.830708	-86.941099	56179.58	56279.3	-29.35	56150.23	56151.00781	56142.93530	56145.72656	504322.8	5408638.3
L4325.0	504322.8	5408638.3	84920.39844	224.29	46.41	48.830708	-86.941099	56180.65	56279.3	-29.34	56151.30	56152.03125	56142.74423	56145.46875	504322.8	5408638.3
L4325.0	504322.8	5408639.9	84920.50000	224.83	46.41	48.830722	-86.941099	56179.84	56279.3	-29.34	56150.50	56151.18359	56142.67807	56145.33203	504322.8	5408639.9
L4325.0	504322.8	5408640.7	84920.60156	224.52	44.25	48.830729	-86.941099	56180.63	56279.3	-29.34	56151.29	56151.92578	56142.50614	56145.09375	504322.8	5408640.7
L4325.0	504322.7	5408642.4	84920.60156	224.52	44.25	48.830744	-86.941099	56178.52	56279.3	-29.34	56149.18	56149.76953	56142.52776	56145.04688	504322.7	5408642.4
L4325.0	504322.7	5408644.0	84920.79688	226.03	45.28	48.830759	-86.941099	56179.57	56279.3	-29.33	56150.24	56150.78516	56142.33825	56144.79297	504322.7	5408644.0
L4325.0	504322.7	5408644.0	84920.89844	228.57	44.96	48.830759	-86.941099	56179.31	56279.3	-29.32	56149.98	56150.48047	56142.23692	56144.62109	504322.7	5408644.0
L4325.0	504322.7	5408645.5	84921.00000	227.45	47.34	48.830772	-86.941099	56179.84	56279.3	-29.32	56150.52	56150.97656	56142.08240	56144.40234	504322.7	5408645.5
L4325.0	504322.7	5408647.7	84921.10156	226.46	47.34	48.830792	-86.941099	56178.77	56279.3	-29.32	56149.45	56149.85938	56142.03534	56144.28516	504322.7	5408647.7
L4325.0	504322.7	5408647.7	84921.20313	224.71	45.57	48.830792	-86.941099	56178.96	56279.3	-29.31	56149.65	56150.01563	56141.90371	56144.08984	504322.7	5408647.7
L4325.0	504322.7	5408649.3	84921.29688	226.31	46.08	48.830807	-86.941099	56179.98	56279.3	-29.31	56150.68	56151.00391	56141.71680	56143.83594	504322.7	5408649.3
L4325.0	504322.7	5408649.3	84921.39844	224.52	46.08	48.830807	-86.941099	56178.62	56279.3	-29.30	56149.32	56149.60156	56141.68924	56143.74219	504322.7	5408649.3
L4325.0	504322.7	5408652.0	84921.50000	224.30	48.73	48.830831	-86.941099	56179.21	56279.3	-29.29	56149.92	56150.16016	56141.53099	56143.51563	504322.7	5408652.0
L4325.0	504322.7	5408653.6	84921.60156	225.90	47.09	48.830845	-86.941099	56178.89	56279.3	-29.29	56149.60	56149.79688	56141.43400	56143.35156	504322.7	5408653.6
L4325.0	504322.7	5408654.8	84921.70313	226.72	47.99	48.830856	-86.941099	56178.97	56279.3	-29.28	56149.69	56149.84766	56141.30955	56143.16406	504322.7	5408654.8
L4325.0	504322.7	5408654.8	84921.79688	224.85	48.11	48.830856	-86.941099	56178.86	56279.3	-29.28	56149.58	56149.69531	56141.19825	56142.98828	504322.7	5408654.8
L4325.0	504322.7	5408656.5	84921.89844	224.67	48.11	48.830872	-86.941099	56178.84	56279.3	-29.27	56149.57	56149.64453	56141.08004	56142.80469	504322.7	5408656.5
L4325.0	504322.7	5408656.5	84922.00000	224.64	46.61	48.830872	-86.941099	56179.66	56279.3	-29.27	56150.39	56150.42578	56140.90619	56142.56641	504322.7	5408656.5
L4325.0	504322.7	5408658.4	84922.10156	223.10	46.49	48.830889	-86.941099	56179.21	56279.3	-29.26	56149.95	56149.94922	56140.81598	56142.41016	504322.7	5408658.4
L4325.0	504322.7	5408659.8	84922.20313	222.85	46.49	48.830901	-86.941099	56179.81	56279.3	-29.26	56150.56	56150.51953	56140.65531	56142.18750	504322.7	5408659.8
L4325.0	504322.8	5408661.4	84922.29688	223.41	52.08	48.830915	-86.941099	56178.34	56279.2	-29.25	56149.09	56149.01172	56140.63279	56142.10156	504322.8	5408661.4
L4325.0	504322.8	5408661.4	84922.39844	223.94	51.62	48.830915	-86.941099	56179.34	56279.2	-29.24	56150.10	56149.98438	56140.44434	56141.85156	504322.8	5408661.4
L4325.0	504322.8	5408663.1	84922.50000	222.76	47.92	48.830930	-86.941099	56179.00	56279.2	-29.24	56149.76	56149.60938	56140.34519	56141.69141	504322.8	5408663.1
L4325.0	504322.8	5408664.8	84922.60156	223.00	47.92	48.830946	-86.941099	56178.87	56279.2	-29.23	56149.64	56149.45313	56140.23059	56141.51563	504322.8	5408664.8
L4325.0	504322.8	5408666.2	84922.60156	223.00	50.84	48.830958	-86.941099	56179.19	56279.2	-29.23	56149.96	56149.73828	56140.08579	56141.30859	504322.8	5408666.2
L4325.0	504322.8	5408666.2	84922.79688	223.25	47.56	48.830958	-86.941099	56179.94	56279.2	-29.21	56150.72	56150.46484	56139.91068	56141.07422	504322.8	5408666.2
L4325.0	504322.8	5408667.7	84922.89844	222.93	47.56	48.830972	-86.941099	56178.54	56279.2	-29.21	56149.33	56149.04297	56139.87782	56140.98047	504322.8	5408667.7
L4325.0	504322.8	5408668.7	84923.00000	222.48	50.31	48.830981	-86.941098	56179.01	56279.2	-29.20	56149.81	56149.49219	56139.71912	56140.76563	504322.8	5408668.7
L4325.0	504322.8	5408669.9	84923.10156	224.19	50.31	48.830992	-86.941098	56179.71	56279.2	-29.20	56150.51	56150.16016	56139.54445	56140.53125	504322.8	5408669.9
L4325.0	504322.8	5408671.4	84923.20313	224.62	51.55	48.831005	-86.941098	56179.66	56279.2	-29.19	56150.47	56150.08984	56139.41770	56140.34766	504322.8	5408671.4
L4325.0	504322.8	5408672.8	84923.29688	225.54	51.55	48.831018	-86.941098	56179.84	56279.2	-29.19	56150.65	56150.23828	56139.27475	56140.14844	504322.8	5408672.8
L4325.0	504322.8	5408674.3	84923.39844	225.96	51.84	48.831032	-86.941098	56178.84	56279.2	-29.19	56149.66	56149.21875	56139.20814	56140.02734	504322.8	5408674.3
L4325.0	504322.8	5408674.3	84923.50000	226.29	45.79	48.831032	-86.941098	56179.49	56279.2	-29.18	56150.30	56149.82813	56139.03107	56139.79688	504322.8	5408674.3
L4325.0	504322.8	5408676.2	84923.60156	227.95	51.3	48.831049	-86.941098	56179.40	56279.2	-29.18	56150.22	56149.72266	56138.90009	56139.60938	504322.8	5408676.2
L4325.0	504322.8	5408677.7	84923.70313	226.33	51.3	48.831062	-86.941098	56180.12	56279.2	-29.18	56150.94	56150.41406	56138.71372	56139.37109	504322.8	5408677.7
L4325.0	504322.8	5408679.2	84923.79688	225.01	50.21	48.831075	-86.941098	56179.31	56279.2	-29.18	56150.13	56149.57813	56138.62715	56139.23438	504322.8	5408679.2
L4325.0	504322.8	5408680.6	84923.89844	224.31	49.47	48.831088	-86.941097	56179.58	56279.2	-29.17	56150.41	56149.83594	56138.46558	56139.01953	504322.8	5408680.6
L4325.0	504322.8	5408680.6	84924.00000	225.95	51.16	48.831088	-86.941097	56180.65	56279.2	-29.17	56151.48	56150.87891	56138.24886	56138.75391	504322.8	5408680.6
L4325.0	504322.8	5408680.6	84924.10156	224.34	51.16	48.831088	-86.941097	56180.80	56279.2	-29.17	56151.64	56151.01563	56138.09017	56138.54688	504322.8	5408680.6
L4325.0	504322.9	5408684.0	84924.20313	224.27	51.16	48.831118	-86.941097	56180.27	56279.2	-29.16	56151.10	56150.45313	56137.97536	56138.38281	504322.9	5408684.0
L4325.0	504322.9	5408685.2	84924.29688	226.04	45.48	48.831129	-86.941097	56180.55	56279.2	-29.16	56151.39	56150.72266	56137.80228	56138.16016	504322.9	5408685.2
L4325.0	504322.9	5408685.2	84924.39844	225.21	43.36	48.831129	-86.941097	56180.74	56279.2	-29.15	56151.58	56150.89063	56137.63278	56137.94531	504322.9	5408685.2
L4325.0	504322.9	5408686.7	84924.50000	225.23	43.79	48.831143	-86.941097	56181.34	56279.2	-29.15	56152.19	56151.48047	56137.43202	56137.69922	504322.9	5408686.7
L4325.0	504322.9	5408687.9	84924.60156	225.81	43.79	48.831154	-86.941097	56179.68	56279.1	-29.15	56150.54	56149.81250	56137.37853	56137.60156	504322.9	5408687.9
L4325.0	504322.9	5408688.9	84924.60156	225.81	44.18	48.831163	-86.941097	56180.52	56279.1	-29.15	56151.37	56150.62109	56137.15613	56137.33594	504322.9	5408688.9
L4325.0	504322.9	5408691.3	84924.79688	228.32	46.13	48.831185	-86.941096	56181.00	56279.1	-29.14	56151.87	56151.10547	56136.95200	56137.08984	504322.9	5408691.3
L4325.0	504322.9	5408691.3	84924.89844	226.59	48.86	48.831185	-86.941096	56181.35	56279.1	-29.13	56152.21	56151.42969	56136.75465	56136.84766	504322.9	5408691.3
L4325.0	504322.9	5408693.0	84925.00000	225.32	48.86	48.831199	-86.941096	56181.38	56279.1	-29.13	56152.25	56151.45313	56136.57325	56136.62891	504322.9	5408693.0
L4325.0	504322.9	5408694.7	84925.10156	225.85	48.18	48.831215	-86.941096	56181.02	56279.1	-29.13	56151.89	56151.07813	56136.41430	56136.42969	504322.9	5408694.7
L4325.0	504322.9	5408695.9	84925.20313	228.15	50.33	48.831226	-86.941096	56181.06	56279.1	-29.12	56151.94	56151.11328	56136.22366	56136.19922	504322.9	5408695.9
L4325.0	504322.9	5408697.1	84925.29688	225.58	50.33	48.831237	-86.941096	56181.31	56279.1	-29.11	56152.19	56151.35156	56136.01515	56135.95313	504322.9	5408697.1
L4325.0	504322.9	5408697.1	84925.39844	225.83	50.75	48.831237	-86.941096	56181.30	56279.1	-29.11	56152.19	56151.33984	56135.81864	56135.72266	504322.9	5408697.1
L4325.0	504322.9	5408698.6	84925.50000	226.84	45.58	48.831250	-86.941096	56181.18	56279.1	-29.10	56152.08	56151.21875	56135.62463	56135.49219	504322.9	5408698.6
L4325.0	504322.9	5408699.9	84925.60156	226.65	46.56	48.831261	-86.941096	56181.02	56279.1	-29.10	56151.92	56151.04688	56135.42897	56135.26172	504322.9	5408699.9
L4325.0	504322.9	5408701.3	84925.70313	226.53	46.56	48.831274	-86.941096	56181.66	56279.1	-29.10	56152.57	56151.68750	56135.17418	56134.97266	504322.9	5408701.3
L4325.0	504322.9	5408702.6	84925.79688	224.96	44.56	48.831286	-86.941096	56182.11	56279.1	-29.09	56153.02	56152.12891	56134.92746	56134.69531	504322.9	5408702.6
L4325.0	504322.9	5408703.9	84925.89844	226.56	44.56	48.831298	-86.941096	56181.62	56279.1	-29.08	56152.53	56151.62891	56134.73800	56134.47266	504322.9	5408703.9
L4325.0	504322.9	5408705.2	84926.00000	226.14	49.05	48.831310	-86.941096	56181.45	56279.1	-29.08	56152.36	56151.45313	56134.52168	56134.22656	504322.9	5408705.2
L4325.0	504322.9	5408706.7	84926.10156	225.60	49.05	48.831323	-86.941096	56182.39	56279.1	-29.07	56153.31	56152.39844	56134.22502	56133.90234	504322.9	5408706.7
L4325.0	504322.9	5408706.7	84926.20313	227.00	47.05	48.831323	-86.941096	56181.92	56279.1	-29.07	56152.85	56151.92969	56134.01659	56133.66797	504322.9	5408706.7
L4325.0	504322.9	5408708.1	84926.29688	227.53	51.25	48.831335	-86.941096	56181.52	56279.1	-29.06	56152.46	56151.53516	56133.79759	56133.42188	504322.9	5408708.1
L4325.0	504322.9	5408709.5	84926.39844	227.36	47.82	48.831348	-86.941096	56181.38	56279.1	-29.05	56152.33	56151.40234	56133.55527	56133.15234	504322.9	5408709.5
L4325.0	504323.0	5408710.9	84926.50000	225.69	47.82	48.831361	-86.941096	56181.38	56279	-29.04	56152.33	56151.39844	56133.29818	56132.87109	504323.0	5408710.9
L4325.0	504323.0	5408710.9	84926.60156	226.98	46.68	48.831361	-86.941096	56181.83	56279	-29.04	56152.79	56151.85938	56133.00423	56132.55469	504323.0	5408710.9
L4325.0	504322.9	5408712.6	84926.60156	226.98	50.77	48.831376	-86.941096	56180.70	56279	-29.04	56151.66	56150.72656	56132.81002	56132.33594	504322.9	5408712.6
L4325.0	504323.0	5408714.1	84926.79688	225.37	50.48	48.831390	-86.941095	56180.83	56279	-29.02	56151.80	56150.86719	56132.52480	56132.02734	504323.0	5408714.1
L4325.0	504323.0	5408715.2	84926.89844	225.12	50.48	48.831399	-86.941095	56180.04	56279	-29.02	56151.02	56150.08594	56132.29451	56131.77734	504323.0	5408715.2
L4325.0	504323.0	5408716.9	84927.00000	225.47	49.63	48.831414	-86.941095	56181.08	56279	-29.01	56152.07	56151.13672	56131.93576	56131.39844	504323.0	5408716.9
L4325.0	504323.0	5408718.3	84927.10156	225.09	49.63	48.831428	-86.941095	56180.84	56279	-29.01	56151.83	56150.89844	56131.65651	56131.10156	504323.0	5408718.3
L4325.0	504323.0	5408718.3	84927.20313	225.53	48.83	48.831428	-86.941095	56179.16	56279	-29.00	56150.16	56149.23047	56131.46606	56130.89453	504323.0	5408718.3
L4325.0	504323.0	5408719.8	84927.29688	224.08	48.31	48.831440	-86.941095	56179.64	56279	-29.00	56150.64	56149.71484	56131.12572	56130.53906	504323.0	5408719.8
L4325.0	504323.0	5408721.7	84927.39844	222.15	48.31	48.831458	-86.941095	56179.45	56279	-29.00	56150.46	56149.53906	56130.82280	56130.21875	504323.0	5408721.7
L4325.0	504323.0	5408721.7	84927.50000	221.00	46.14	48.831458	-86.941095	56179.45	56279	-29.00	56150.46	56149.54297	56130.50131	56129.88281	504323.0	5408721.7
L4325.0	504323.0	5408724.3	84927.60156	224.24	46.14	48.831481	-86.941095	56178.81	56279	-28.99	56149.82	56148.91016	56130.21593	56129.58203	504323.0	5408724.3
L4325.0	504323.0	5408724.3	84927.70313	227.33	49.95	48.831481	-86.941095	56178.44	56279	-28.99	56149.45	56148.54297	56129.90599	56129.26172	504323.0	5408724.3
L4325.0	504323.0	5408725.6	84927.79688	228.49	49.95	48.831493	-86.941095	56178.63	56279	-28.99	56149.64	56148.74219	56129.55220	56128.89453	504323.0	5408725.6
L4325.0	504323.0	5408727.1	84927.89844	224.92	48.04	48.831506	-86.941095	56177.36	56279	-28.98	56148.38	56147.48828	56129.28859	56128.62109	504323.0	5408727.1
L4325.0	504323.0	5408728.5	84928.00000	224.20	47.83	48.831519	-86.941095	56177.36	56279	-28.98	56148.38	56147.49609	56128.93455	56128.25781	504323.0	5408728.5
L4325.0	504323.0	5408729.6	84928.10156	225.06	46.58	48.831529	-86.941095	56175.27	56279	-28.97	56146.30	56145.42578	56128.71280	56128.02734	504323.0	5408729.6
L4325.0	504323.0	5408731.0	84928.20313	224.53	46.58	48.831541	-86.941095	56176.61	56279	-28.97	56147.64	56146.77344	56128.25675	56127.56250	504323.0	5408731.0
L4325.0	504323.0	5408732.3	84928.29688	223.94	44.51	48.831553	-86.941095	56174.97	56279	-28.96	56146.01	56145.15234	56127.99246	56127.28906	504323.0	5408732.3

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4325.0	504323.0	5408733.7	84928.39844	224.22	45.25	48.831566	-86.941095	56174.75	56279	-28.95	56145.80	56144.95313	56127.62737	56126.91797	504323.0	5408733.7
L4325.0	504323.0	5408733.7	84928.50000	227.11	45.25	48.831566	-86.941095	56174.04	56278.9	-28.95	56145.10	56144.26172	56127.28889	56126.57422	504323.0	5408733.7
L4325.0	504323.0	5408735.1	84928.60156	227.06	46.83	48.831578	-86.941095	56173.47	56278.9	-28.94	56144.53	56143.70313	56126.93580	56126.21484	504323.0	5408735.1
L4325.0	504323.0	5408736.4	84928.60156	227.06	50.49	48.831590	-86.941095	56173.28	56278.9	-28.94	56144.34	56143.52734	56126.55153	56125.82813	504323.0	5408736.4
L4325.0	504323.0	5408738.0	84928.79688	225.56	50.49	48.831604	-86.941095	56171.74	56278.9	-28.92	56142.82	56142.01953	56126.25020	56125.52344	504323.0	5408738.0
L4325.0	504323.0	5408739.4	84928.89844	227.69	48.71	48.831617	-86.941095	56171.97	56278.9	-28.92	56143.05	56142.26172	56125.82661	56125.09375	504323.0	5408739.4
L4325.0	504323.0	5408739.4	84929.00000	225.91	48.71	48.831617	-86.941095	56169.39	56278.9	-28.91	56140.48	56139.70313	56125.58420	56124.85156	504323.0	5408739.4
L4325.0	504323.0	5408741.0	84929.10156	225.98	48.36	48.831632	-86.941095	56169.99	56278.9	-28.91	56141.08	56140.31641	56125.12511	56124.39063	504323.0	5408741.0
L4325.0	504323.0	5408742.2	84929.20313	225.69	48.36	48.831642	-86.941095	56169.95	56278.9	-28.90	56141.05	56140.30078	56124.70280	56123.96875	504323.0	5408742.2
L4325.0	504323.0	5408743.8	84929.29688	226.50	47.42	48.831657	-86.941095	56167.54	56278.9	-28.90	56138.64	56137.90625	56124.43409	56123.69922	504323.0	5408743.8
L4325.0	504323.0	5408745.2	84929.39844	225.11	47.42	48.831670	-86.941095	56168.07	56278.9	-28.89	56139.18	56138.45703	56123.96377	56123.23047	504323.0	5408745.2
L4325.0	504323.0	5408745.2	84929.50000	224.73	49.78	48.831670	-86.941095	56166.86	56278.9	-28.89	56137.98	56137.27344	56123.60466	56122.87109	504323.0	5408745.2
L4325.0	504322.9	5408748.0	84929.60156	224.26	47.25	48.831695	-86.941095	56166.54	56278.9	-28.88	56137.65	56136.95703	56123.18289	56122.45313	504322.9	5408748.0
L4325.0	504322.9	5408748.0	84929.70313	223.86	47.25	48.831695	-86.941095	56164.50	56278.9	-28.88	56135.63	56134.95313	56122.86927	56122.14063	504322.9	5408748.0
L4325.0	504322.9	5408749.6	84929.79688	222.71	44.11	48.831709	-86.941095	56164.81	56278.9	-28.87	56135.94	56135.28125	56122.39595	56121.67188	504322.9	5408749.6
L4325.0	504322.9	5408751.3	84929.89844	221.17	45.46	48.831724	-86.941096	56163.68	56278.9	-28.86	56134.82	56134.17578	56122.01372	56121.29297	504322.9	5408751.3
L4325.0	504322.9	5408752.4	84930.00000	221.81	45.46	48.831734	-86.941096	56162.20	56278.9	-28.86	56133.34	56132.71094	56121.65140	56120.93359	504322.9	5408752.4
L4325.0	504322.9	5408752.4	84930.10156	222.16	44.31	48.831734	-86.941096	56162.86	56278.9	-28.85	56134.01	56133.39844	56121.14177	56120.42969	504322.9	5408752.4
L4325.0	504322.9	5408753.8	84930.20313	220.72	39.79	48.831747	-86.941096	56160.59	56278.8	-28.85	56131.74	56131.14453	56120.82431	56120.11719	504322.9	5408753.8
L4325.0	504322.9	5408755.1	84930.29688	221.38	39.79	48.831759	-86.941096	56160.52	56278.8	-28.84	56131.67	56131.08984	56120.35646	56119.65625	504322.9	5408755.1
L4325.0	504322.9	5408756.5	84930.39844	223.55	44.82	48.831770	-86.941096	56160.41	56278.8	-28.84	56131.57	56131.00781	56119.88703	56119.19141	504322.9	5408756.5
L4325.0	504322.9	5408758.0	84930.50000	222.54	45.66	48.831784	-86.941096	56159.95	56278.8	-28.83	56131.12	56130.57422	56119.43744	56118.74609	504322.9	5408758.0
L4325.0	504322.9	5408759.3	84930.60156	223.70	45.66	48.831796	-86.941096	56158.32	56278.8	-28.82	56129.49	56128.96094	56119.06315	56118.37891	504322.9	5408759.3
L4325.0	504322.9	5408759.3	84930.70313	223.70	50.87	48.831796	-86.941096	56157.49	56278.8	-28.82	56128.67	56128.15625	56118.63159	56117.95703	504322.9	5408759.3
L4325.0	504322.8	5408762.1	84930.79688	223.47	50.87	48.831821	-86.941097	56157.04	56278.8	-28.81	56128.23	56127.73438	56118.17152	56117.50391	504322.8	5408762.1
L4325.0	504322.8	5408762.1	84930.89844	224.29	44.11	48.831821	-86.941097	56156.50	56278.8	-28.81	56127.69	56127.21094	56117.71503	56117.05469	504322.8	5408762.1
L4325.0	504322.8	5408763.3	84931.00000	224.81	49.6	48.831832	-86.941097	56155.17	56278.8	-28.80	56126.37	56125.91016	56117.30752	56116.65625	504322.8	5408763.3
L4325.0	504322.8	5408764.7	84931.10156	226.63	49.6	48.831845	-86.941097	56154.97	56278.8	-28.80	56126.18	56125.73828	56116.82173	56116.17969	504322.8	5408764.7
L4325.0	504322.8	5408765.9	84931.20313	227.13	51.72	48.831856	-86.941097	56153.93	56278.8	-28.79	56125.14	56124.71484	56116.38972	56115.75781	504322.8	5408765.9
L4325.0	504322.8	5408767.5	84931.29688	224.67	51.72	48.831869	-86.941097	56153.38	56278.8	-28.79	56124.60	56124.19141	56115.92155	56115.29688	504322.8	5408767.5
L4325.0	504322.8	5408767.5	84931.39844	222.73	44.13	48.831869	-86.941097	56153.98	56278.8	-28.78	56125.20	56124.80859	56115.37458	56114.75781	504322.8	5408767.5
L4325.0	504322.8	5408768.8	84931.50000	224.63	45.43	48.831881	-86.941097	56152.11	56278.8	-28.78	56123.33	56122.95703	56114.98952	56114.38281	504322.8	5408768.8
L4325.0	504322.8	5408770.2	84931.60156	227.54	45.43	48.831895	-86.941097	56151.59	56278.8	-28.77	56122.82	56122.46484	56114.51105	56113.91406	504322.8	5408770.2
L4325.0	504322.8	5408771.8	84931.70313	228.16	51.73	48.831908	-86.941097	56150.97	56278.8	-28.76	56122.21	56121.87109	56114.03652	56113.45313	504322.8	5408771.8
L4325.0	504322.8	5408773.5	84931.79688	226.17	51.73	48.831924	-86.941097	56150.36	56278.8	-28.76	56121.60	56121.27734	56113.55927	56112.98438	504322.8	5408773.5
L4325.0	504322.8	5408773.5	84931.89844	225.01	44.2	48.831924	-86.941097	56150.49	56278.8	-28.75	56121.73	56121.42578	56113.02995	56112.46484	504322.8	5408773.5
L4325.0	504322.8	5408774.9	84932.00000	224.11	47.23	48.831936	-86.941097	56148.95	56278.8	-28.75	56120.20	56119.91406	56112.60854	56112.05469	504322.8	5408774.9
L4325.0	504322.8	5408776.2	84932.10156	223.98	42.1	48.831948	-86.941097	56148.88	56278.7	-28.75	56120.13	56119.85938	56112.08702	56111.54297	504322.8	5408776.2
L4325.0	504322.8	5408777.4	84932.20313	225.03	42.1	48.831959	-86.941096	56149.11	56278.7	-28.74	56120.36	56120.10547	56111.54267	56111.01172	504322.8	5408777.4
L4325.0	504322.9	5408779.1	84932.29688	227.95	45.18	48.831974	-86.941096	56147.04	56278.7	-28.74	56118.29	56118.05469	56111.14878	56110.62891	504322.9	5408779.1
L4325.0	504322.9	5408779.1	84932.39844	228.39	50.79	48.831974	-86.941096	56147.20	56278.7	-28.74	56118.46	56118.23828	56110.60262	56110.09375	504322.9	5408779.1
L4325.0	504322.9	5408780.7	84932.50000	227.47	50.57	48.831989	-86.941096	56146.86	56278.7	-28.74	56118.12	56117.91406	56110.08746	56109.58984	504322.9	5408780.7
L4325.0	504322.9	5408782.3	84932.60156	228.78	50.57	48.832003	-86.941096	56146.44	56278.7	-28.73	56117.71	56117.52344	56109.57388	56109.08594	504322.9	5408782.3
L4325.0	504322.9	5408783.8	84932.60156	228.78	50.21	48.832017	-86.941095	56145.44	56278.7	-28.73	56116.71	56116.53906	56109.09645	56108.62109	504322.9	5408783.8
L4325.0	504322.9	5408785.3	84932.79688	230.30	50.21	48.832030	-86.941095	56146.04	56278.7	-28.73	56117.32	56117.16406	56108.50841	56108.04297	504322.9	5408785.3
L4325.0	504322.9	5408785.3	84932.89844	228.55	47.8	48.832030	-86.941095	56144.32	56278.7	-28.72	56115.60	56115.46094	56108.07231	56107.61719	504322.9	5408785.3
L4325.0	504322.9	5408786.7	84933.00000	229.84	47.8	48.832043	-86.941095	56143.72	56278.7	-28.72	56115.00	56114.87500	56107.55803	56107.11719	504322.9	5408786.7
L4325.0	504322.9	5408788.4	84933.10156	229.27	41.75	48.832057	-86.941095	56144.34	56278.7	-28.71	56115.63	56115.51953	56106.95811	56106.52734	504322.9	5408788.4
L4325.0	504323.0	5408789.7	84933.20313	227.24	43.31	48.832069	-86.941095	56143.84	56278.7	-28.70	56115.14	56115.04688	56106.42907	56106.00781	504323.0	5408789.7
L4325.0	504323.0	5408790.9	84933.29688	226.52	43.31	48.832080	-86.941094	56143.06	56278.7	-28.70	56114.36	56114.28125	56105.91543	56105.50781	504323.0	5408790.9
L4325.0	504323.0	5408790.9	84933.39844	228.06	49.23	48.832080	-86.941094	56142.30	56278.7	-28.69	56113.61	56113.54688	56105.39570	56105.00000	504323.0	5408790.9
L4325.0	504323.0	5408792.6	84933.50000	229.33	49.46	48.832095	-86.941094	56141.82	56278.7	-28.68	56113.14	56113.08984	56104.85305	56104.46875	504323.0	5408792.6
L4325.0	504323.0	5408794.0	84933.60156	227.45	49.46	48.832108	-86.941094	56142.06	56278.7	-28.67	56113.38	56113.34766	56104.25863	56103.88281	504323.0	5408794.0
L4325.0	504323.0	5408795.2	84933.70313	226.67	47.23	48.832119	-86.941094	56140.33	56278.7	-28.66	56111.66	56111.64063	56103.79027	56103.42578	504323.0	5408795.2
L4325.0	504323.0	5408796.3	84933.79688	225.64	49.64	48.832129	-86.941094	56140.95	56278.7	-28.66	56112.29	56112.28516	56103.16043	56102.80859	504323.0	5408796.3
L4325.0	504323.0	5408798.0	84933.89844	225.40	49.64	48.832144	-86.941093	56140.28	56278.6	-28.65	56111.63	56111.63672	56102.61158	56102.26953	504323.0	5408798.0
L4325.0	504323.0	5408799.1	84934.00000	224.79	48.03	48.832154	-86.941093	56140.15	56278.6	-28.64	56111.51	56111.53125	56102.02153	56101.69141	504323.0	5408799.1
L4325.0	504323.0	5408799.1	84934.10156	224.79	46.37	48.832154	-86.941093	56139.74	56278.6	-28.64	56111.10	56111.13672	56101.44538	56101.12500	504323.0	5408799.1
L4325.0	504323.0	5408800.8	84934.20313	225.71	46.37	48.832169	-86.941093	56140.20	56278.6	-28.63	56111.57	56111.61719	56100.80493	56100.49609	504323.0	5408800.8
L4325.0	504323.0	5408802.0	84934.29688	226.48	45.32	48.832180	-86.941093	56137.29	56278.6	-28.63	56108.66	56108.72266	56100.38394	56100.08594	504323.0	5408802.0
L4325.0	504323.1	5408803.5	84934.39844	225.15	45.32	48.832194	-86.941093	56137.92	56278.6	-28.63	56109.29	56109.36328	56099.72086	56099.43359	504323.1	5408803.5
L4325.0	504323.1	5408804.7	84934.50000	225.43	47.23	48.832205	-86.941093	56138.20	56278.6	-28.63	56109.58	56109.66797	56099.07410	56098.79688	504323.1	5408804.7
L4325.0	504323.1	5408806.4	84934.60156	225.67	48.68	48.832220	-86.941093	56137.61	56278.6	-28.62	56108.99	56109.08984	56098.47944	56098.21094	504323.1	5408806.4
L4325.0	504323.1	5408807.3	84934.60156	225.67	48.68	48.832227	-86.941093	56137.62	56278.6	-28.62	56109.00	56109.10938	56097.83795	56097.57813	504323.1	5408807.3
L4325.0	504323.1	5408807.3	84934.79688	223.54	47.2	48.832227	-86.941093	56136.45	56278.6	-28.62	56107.84	56107.96094	56097.26739	56097.01953	504323.1	5408807.3
L4325.0	504323.1	5408808.7	84934.89844	224.16	49.56	48.832240	-86.941092	56136.39	56278.6	-28.61	56107.77	56107.90625	56096.61683	56096.37891	504323.1	5408808.7
L4325.0	504323.1	5408810.3	84935.00000	222.00	49.56	48.832255	-86.941092	56135.56	56278.6	-28.61	56106.95	56107.09766	56096.00869	56095.77734	504323.1	5408810.3
L4325.0	504323.1	5408811.8	84935.10156	220.92	43.64	48.832269	-86.941092	56134.48	56278.6	-28.60	56105.88	56106.03516	56095.40937	56095.18750	504323.1	5408811.8
L4325.0	504323.1	5408813.3	84935.20313	221.60	44.24	48.832282	-86.941092	56134.86	56278.6	-28.60	56106.26	56106.42578	56094.70528	56094.49219	504323.1	5408813.3
L4325.0	504323.1	5408813.3	84935.29688	221.87	47.26	48.832282	-86.941092	56134.43	56278.6	-28.59	56105.84	56106.01953	56094.04615	56093.84375	504323.1	5408813.3
L4325.0	504323.1	5408815.2	84935.39844	221.73	47.26	48.832299	-86.941092	56134.76	56278.6	-28.59	56106.18	56106.36719	56093.32771	56093.13281	504323.1	5408815.2
L4325.0	504323.1	5408815.2	84935.50000	222.13	47.97	48.832299	-86.941092	56132.72	56278.6	-28.58	56104.14	56104.33984	56092.75903	56092.57422	504323.1	5408815.2
L4325.0	504323.2	5408816.7	84935.60156	221.35	46.98	48.832312	-86.941091	56132.84	56278.6	-28.57	56104.26	56104.46875	56092.03718	56091.85938	504323.2	5408816.7
L4325.0	504323.2	5408818.0	84935.70313	222.30	46.98	48.832324	-86.941091	56131.98	56278.6	-28.57	56103.41	56103.62891	56091.37055	56091.20313	504323.2	5408818.0
L4325.0	504323.2	5408819.2	84935.79688	224.48	42.7	48.832335	-86.941091	56130.96	56278.6	-28.56	56102.40	56102.62891	56090.70488	56090.54297	504323.2	5408819.2
L4325.0	504323.2	5408820.5	84935.89844	223.55	43.82	48.832347	-86.941091	56130.82	56278.6	-28.56	56102.26	56102.49609	56089.97124	56089.82031	504323.2	5408820.5
L4325.0	504323.2	5408822.2	84936.00000	223.81	43.82	48.832362	-86.941091	56130.42	56278.6	-28.55	56101.87	56102.11719	56089.24403	56089.10156	504323.2	5408822.2
L4325.0	504323.2	5408823.2	84936.10156	224.39	40.05	48.832371	-86.941091	56130.51	56278.5	-28.55	56101.96	56102.21484	56088.47433	56088.33594	504323.2	5408823.2
L4325.0	504323.2	5408824.7	84936.20313	222.92	41.55	48.832384	-86.941091	56129.58	56278.5	-28.54	56101.03	56101.29297	56087.76186	56087.63281	504323.2	5408824.7
L4325.0	504323.2	5408824.7	84936.29688	223.31	50.04	48.832384	-86.941091	56129.21	56278.5	-28.54	56100.67	56100.94141	56087.00039	56086.87891	504323.2	5408824.7
L4325.0	504323.2	5408826.2	84936.39844	223.79	50.04	48.832398	-86.941091	56127.73	56278.5	-28.54	56099.20	56099.48047	56086.30166	56086.18750	504323.2	5408826.2
L4325.0	504323.2	5408827.9	84936.50000	224.30	51.66	48.832413	-86.941090	56127.55	56278.5	-28.54	56099.01	56099.29688	56085.50610	56085.39844	504323.2	5408827.9
L4325.0	504323.2	5408829.5	84936.60156	223.61	51.85	48.832427	-86.941090	56127.00	56278.5	-28.53	56098.46	56098.75391	56084.72280	56084.62109	504323.2	5408829.5
L4325.0	504323.2	5408829.5	84936.70313	223.61	51.85	48.832427	-86.941090	56124.87	56278.5	-28.53	56096.34	56096.64453	56084.03219	56083.93750	504323.2	5408829.5
L4325.0	504323.3	5408831.1	84936.79688	225.77	48.64	48.832442	-86.941090	56125.20	56278.5	-28.53	56096.67	56096.98047	56083.16606	56083.07813	504323.3	5408831.1
L4325.0	504323.3	5408832.4	84936.89844	226.36	38.56	48.832453	-86.941090	56125.27	56278.5	-28.52	56096.75	56097.06641	56082.30419	56082.22266	504323.3	5408832.4
L4325.0	504323.3	5408834.1	84937.00000	224.87	38.56	48.832469	-86.941090	56123.38	56278.5	-28.52	56094.86	56095.18359	56081.56104	56081.48438	504323.3	5408834.1
L4325.0	504323.3	5408834.1	84937.10156	223.78	41.96	48.832469	-86.941090	56122.97	56278.5	-28.51	56094.46	56094.78906	56080.70575	56080.63281	504323.3	5408834.1
L4325.0	504323.3	5408836.2	84937.20313	224.30	43.99	48.832488	-86.941089	56121.36	56278.5	-28.50	56092.85	56093.18750	56079.91813	56079.85156	504323.3	5408836.2
L4325.0	504323.3	5408837.7	84937.29688	224.11	43.99	48.832501	-86.941089	56122.01	56278.5	-28.50	56093.52	56093.86328	56078.96534	56078.90625	504323.3	5408837.7
L4325.0	504323.3	5408837.7	84937.39844	223.94	45.09	48.832501	-86.941089	56119.56	56278.5	-28.49	56091.07	56091.41797	56078.20723	56078.15234	504323.3	5408837.7
L4325.0	504323.3	5408841.1	84937.50000	225.49	45.09	48.832532	-86.941089	56118.61	56278.5	-28.48	56090.13	56090.48438	56077.33498	56077.28516	504323.3	5408841.1
L4325.0	504323.3	5408841.1	84937.60156	227.81	48.33	48.832532	-86.941089	56116.70	56278.5	-28.47	56088.23	56088.58984	56076.51312	56076.46875	504323.3	5408841.1

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4325.0	504323.3	5408842.6	84937.70313	227.79	44.96	48.832545	-86.941089	56116.70	56278.5	-28.46	56088.24	56088.60547	56075.55022	56075.51172	504323.3	5408842.6
L4325.0	504323.3	5408842.6	84937.79688	225.74	44.96	48.832545	-86.941089	56116.14	56278.5	-28.46	56087.69	56088.06250	56074.61082	56074.57422	504323.3	5408842.6
L4325.0	504323.3	5408844.2	84937.89844	224.84	42.98	48.832560	-86.941089	56114.08	56278.4	-28.45	56085.63	56086.00781	56073.75819	56073.72656	504323.3	5408844.2
L4325.0	504323.3	5408845.7	84938.00000	226.13	42.98	48.832573	-86.941089	56113.48	56278.4	-28.44	56085.04	56085.42188	56072.79359	56072.76563	504323.3	5408845.7
L4325.0	504323.3	5408847.1	84938.10156	228.10	44.93	48.832586	-86.941089	56112.31	56278.4	-28.44	56083.87	56084.25781	56071.85364	56071.83203	504323.3	5408847.1
L4325.0	504323.3	5408848.9	84938.20313	226.63	44.93	48.832602	-86.941089	56110.68	56278.4	-28.43	56082.25	56082.64063	56070.92967	56070.91016	504323.3	5408848.9
L4325.0	504323.3	5408848.9	84938.29688	226.44	42.47	48.832602	-86.941089	56108.58	56278.4	-28.43	56080.15	56080.54688	56070.02365	56070.00781	504323.3	5408848.9
L4325.0	504323.3	5408850.3	84938.39844	226.91	43.74	48.832615	-86.941089	56108.18	56278.4	-28.43	56079.75	56080.15234	56068.99030	56068.98047	504323.3	5408850.3
L4325.0	504323.3	5408852.0	84938.50000	225.80	43.74	48.832630	-86.941089	56107.26	56278.4	-28.43	56078.84	56079.24609	56067.97697	56067.96875	504323.3	5408852.0
L4325.0	504323.3	5408852.0	84938.60156	226.79	43.74	48.832630	-86.941089	56104.64	56278.4	-28.42	56076.22	56076.62891	56067.06376	56067.06250	504323.3	5408852.0
L4325.0	504323.3	5408853.6	84938.60156	226.79	41.77	48.832644	-86.941090	56102.43	56278.4	-28.42	56074.01	56074.42578	56066.10941	56066.10938	504323.3	5408853.6
L4325.0	504323.3	5408855.2	84938.79688	226.42	41.77	48.832659	-86.941090	56101.77	56278.4	-28.42	56073.36	56073.77734	56065.03740	56065.04297	504323.3	5408855.2
L4325.0	504323.3	5408856.6	84938.89844	225.03	40.34	48.832672	-86.941090	56100.21	56278.4	-28.41	56071.79	56072.21094	56064.01321	56064.01953	504323.3	5408856.6
L4325.0	504323.2	5408857.6	84939.00000	223.48	40.34	48.832680	-86.941090	56098.42	56278.4	-28.41	56070.01	56070.43750	56062.98970	56063.00000	504323.2	5408857.6
L4325.0	504323.2	5408857.6	84939.10156	225.00	46.97	48.832680	-86.941090	56097.38	56278.4	-28.41	56068.97	56069.39844	56061.90376	56061.91797	504323.2	5408857.6
L4325.0	504323.2	5408860.0	84939.20313	227.25	44.84	48.832702	-86.941090	56094.97	56278.4	-28.41	56066.56	56066.99219	56060.89631	56060.91406	504323.2	5408860.0
L4325.0	504323.2	5408861.3	84939.29688	227.51	40.54	48.832714	-86.941090	56092.41	56278.4	-28.41	56064.00	56064.43750	56059.88630	56059.90625	504323.2	5408861.3
L4325.0	504323.2	5408861.3	84939.39844	229.00	40.54	48.832714	-86.941090	56090.54	56278.4	-28.41	56062.13	56062.57031	56058.81806	56058.83984	504323.2	5408861.3
L4325.0	504323.2	5408862.9	84939.50000	229.00	46.27	48.832728	-86.941090	56088.45	56278.4	-28.41	56060.04	56060.48438	56057.75262	56057.77734	504323.2	5408862.9
L4325.0	504323.2	5408864.3	84939.60156	227.44	42.14	48.832741	-86.941090	56086.80	56278.4	-28.41	56058.39	56058.83594	56056.64639	56056.67188	504323.2	5408864.3
L4325.0	504323.2	5408865.5	84939.70313	226.94	42.14	48.832752	-86.941090	56084.81	56278.4	-28.41	56056.40	56056.85156	56055.55181	56055.58203	504323.2	5408865.5
L4325.0	504323.2	5408867.0	84939.79688	229.02	37.59	48.832765	-86.941090	56082.66	56278.4	-28.41	56054.25	56054.70313	56054.45737	56054.48828	504323.2	5408867.0
L4325.0	504323.2	5408868.4	84939.89844	228.67	46.41	48.832778	-86.941090	56079.62	56278.4	-28.41	56051.21	56051.66797	56053.41226	56053.44531	504323.2	5408868.4
L4325.0	504323.2	5408869.2	84940.00000	227.91	46.41	48.832784	-86.941090	56077.54	56278.4	-28.41	56049.13	56049.58984	56052.29374	56052.33203	504323.2	5408869.2
L4325.0	504323.2	5408870.4	84940.10156	226.77	45.93	48.832795	-86.941090	56075.44	56278.4	-28.41	56047.03	56047.49219	56051.16774	56051.20703	504323.2	5408870.4
L4325.0	504323.2	5408870.4	84940.20313	226.25	39.53	48.832795	-86.941090	56071.88	56278.4	-28.40	56043.47	56043.93750	56050.13095	56050.17188	504323.2	5408870.4
L4325.0	504323.2	5408873.5	84940.29688	223.93	40.48	48.832824	-86.941091	56069.56	56278.4	-28.40	56041.15	56041.62109	56049.00409	56049.04688	504323.2	5408873.5
L4325.0	504323.2	5408873.5	84940.39844	222.84	40.48	48.832824	-86.941091	56067.98	56278.4	-28.40	56039.58	56040.05469	56047.82058	56047.86719	504323.2	5408873.5
L4325.0	504323.2	5408875.0	84940.50000	223.63	45.31	48.832837	-86.941091	56064.24	56278.4	-28.40	56035.85	56036.32813	56046.77525	56046.82422	504323.2	5408875.0
L4325.0	504323.2	5408875.0	84940.60156	223.28	45.25	48.832837	-86.941091	56061.66	56278.4	-28.39	56033.27	56033.75000	56045.64830	56045.69922	504323.2	5408875.0
L4325.0	504323.2	5408876.9	84940.60156	223.28	45.25	48.832854	-86.941091	56058.44	56278.4	-28.39	56030.05	56030.53125	56044.56000	56044.61328	504323.2	5408876.9
L4325.0	504323.2	5408877.9	84940.79688	221.58	44.95	48.832863	-86.941091	56055.48	56278.4	-28.39	56027.10	56027.58594	56043.45064	56043.50391	504323.2	5408877.9
L4325.0	504323.2	5408879.1	84940.89844	223.23	44.95	48.832874	-86.941091	56052.18	56278.4	-28.38	56023.79	56024.27734	56042.36326	56042.41797	504323.2	5408879.1
L4325.0	504323.1	5408880.5	84941.00000	223.74	45.03	48.832887	-86.941091	56048.31	56278.4	-28.38	56019.93	56020.42188	56041.31162	56041.36719	504323.1	5408880.5
L4325.0	504323.1	5408881.7	84941.10156	222.66	46.81	48.832898	-86.941091	56045.44	56278.4	-28.37	56017.07	56017.56641	56040.19351	56040.25391	504323.1	5408881.7
L4325.0	504323.1	5408883.4	84941.20313	222.78	44.39	48.832913	-86.941091	56042.94	56278.4	-28.37	56014.57	56015.07031	56039.05281	56039.11328	504323.1	5408883.4
L4325.0	504323.1	5408883.4	84941.29688	223.52	45.59	48.832913	-86.941091	56038.59	56278.4	-28.36	56010.23	56010.73047	56038.03743	56038.10156	504323.1	5408883.4
L4325.0	504323.1	5408885.9	84941.39844	225.34	45.59	48.832935	-86.941091	56035.07	56278.4	-28.35	56006.72	56007.22656	56036.97067	56037.03516	504323.1	5408885.9
L4325.0	504323.1	5408887.0	84941.50000	223.74	46.73	48.832945	-86.941091	56031.68	56278.3	-28.35	56003.34	56003.84766	56035.90056	56035.96875	504323.1	5408887.0
L4325.0	504323.1	5408887.0	84941.60156	223.97	46.82	48.832945	-86.941091	56027.11	56278.3	-28.34	55998.77	55999.28125	56034.91650	56034.98438	504323.1	5408887.0
L4325.0	504323.1	5408888.2	84941.70313	225.04	41.25	48.832956	-86.941092	56024.38	56278.3	-28.33	55996.04	55996.55469	56033.81797	56033.88672	504323.1	5408888.2
L4325.0	504323.1	5408889.5	84941.79688	225.49	43.04	48.832967	-86.941092	56020.20	56278.3	-28.32	55991.88	55992.39844	56032.82448	56032.89844	504323.1	5408889.5
L4325.0	504323.1	5408891.0	84941.89844	224.29	44.9	48.832981	-86.941092	56016.46	56278.3	-28.32	55988.14	55988.66406	56031.81426	56031.88672	504323.1	5408891.0
L4325.0	504323.1	5408892.2	84942.00000	222.93	44.9	48.832992	-86.941092	56012.39	56278.3	-28.31	55984.08	55984.60547	56030.83824	56030.91406	504323.1	5408892.2
L4325.0	504323.1	5408893.4	84942.10156	223.71	44.54	48.833003	-86.941092	56008.70	56278.3	-28.31	55980.39	55980.91797	56029.85210	56029.92969	504323.1	5408893.4
L4325.0	504323.1	5408894.6	84942.20313	222.29	44.54	48.833014	-86.941092	56004.62	56278.3	-28.31	55976.32	55976.85156	56028.90753	56028.98828	504323.1	5408894.6
L4325.0	504323.1	5408896.3	84942.29688	222.41	45.25	48.833029	-86.941092	55999.31	56278.3	-28.30	55971.01	55971.54688	56028.06359	56028.14453	504323.1	5408896.3
L4325.0	504323.1	5408896.3	84942.39844	223.33	46.19	48.833029	-86.941092	55996.13	56278.3	-28.30	55967.82	55968.35938	56027.09807	56027.17969	504323.1	5408896.3
L4325.0	504323.1	5408898.0	84942.50000	224.45	46.19	48.833044	-86.941092	55991.01	56278.3	-28.30	55962.71	55963.25391	56026.28211	56026.36719	504323.1	5408898.0
L4325.0	504323.1	5408899.4	84942.60156	224.53	42.33	48.833057	-86.941092	55986.94	56278.3	-28.30	55958.64	55959.18750	56025.42022	56025.50781	504323.1	5408899.4
L4325.0	504323.1	5408900.6	84942.60156	224.53	44.49	48.833067	-86.941092	55982.16	56278.3	-28.30	55953.86	55954.41406	56024.63091	56024.71875	504323.1	5408900.6
L4325.0	504323.1	5408902.1	84942.79688	223.55	44.49	48.833080	-86.941092	55977.56	56278.3	-28.29	55949.26	55949.81641	56023.85673	56023.94922	504323.1	5408902.1
L4325.0	504323.1	5408902.1	84942.89844	225.69	46.05	48.833080	-86.941092	55973.71	56278.3	-28.29	55945.42	55945.98047	56023.06093	56023.15234	504323.1	5408902.1
L4325.0	504323.1	5408903.5	84943.00000	226.42	46.05	48.833093	-86.941092	55968.70	56278.3	-28.29	55940.41	55940.97656	56022.37405	56022.46875	504323.1	5408903.5
L4325.0	504323.1	5408905.4	84943.10156	225.39	45.56	48.833110	-86.941092	55964.66	56278.3	-28.28	55936.37	55936.94141	56021.65536	56021.75391	504323.1	5408905.4
L4325.0	504323.1	5408906.4	84943.20313	225.28	44.72	48.833119	-86.941092	55959.42	56278.3	-28.28	55931.14	55931.71484	56021.05074	56021.14844	504323.1	5408906.4
L4325.0	504323.1	5408907.8	84943.29688	225.90	44.72	48.833132	-86.941092	55954.26	56278.3	-28.27	55925.99	55926.57031	56020.47743	56020.57813	504323.1	5408907.8
L4325.0	504323.1	5408909.0	84943.39844	224.39	44.72	48.833143	-86.941092	55950.92	56278.3	-28.26	55922.66	55923.24219	56019.82130	56019.92578	504323.1	5408909.0
L4325.0	504323.1	5408910.4	84943.50000	224.41	44.35	48.833156	-86.941092	55946.34	56278.3	-28.26	55918.08	55918.66797	56019.28887	56019.39453	504323.1	5408910.4
L4325.0	504323.1	5408910.4	84943.60156	226.40	43.96	48.833156	-86.941092	55941.41	56278.2	-28.25	55913.16	55913.75391	56018.82131	56018.92969	504323.1	5408910.4
L4325.0	504323.1	5408911.6	84943.70313	227.01	43.96	48.833166	-86.941092	55938.22	56278.2	-28.24	55909.98	55910.57813	56018.28171	56018.39063	504323.1	5408911.6
L4325.0	504323.1	5408913.1	84943.79688	225.28	44.46	48.833180	-86.941092	55933.89	56278.2	-28.23	55905.66	55906.26172	56017.86383	56017.97656	504323.1	5408913.1
L4325.0	504323.1	5408914.2	84943.89844	227.72	44.81	48.833190	-86.941092	55929.97	56278.2	-28.23	55901.75	55902.35938	56017.46602	56017.58203	504323.1	5408914.2
L4325.0	504323.1	5408915.7	84944.00000	226.91	44.81	48.833203	-86.941091	55926.20	56278.2	-28.22	55897.98	55898.59375	56017.10790	56017.22266	504323.1	5408915.7
L4325.0	504323.1	5408916.7	84944.10156	224.51	46.08	48.833212	-86.941091	55922.01	56278.2	-28.22	55893.79	55894.41016	56016.82835	56016.94922	504323.1	5408916.7
L4325.0	504323.1	5408917.9	84944.20313	226.49	46.08	48.833223	-86.941091	55918.72	56278.2	-28.21	55890.51	55891.13281	56016.54020	56016.66016	504323.1	5408917.9
L4325.0	504323.1	5408919.8	84944.29688	227.42	43.22	48.833240	-86.941091	55916.24	56278.2	-28.21	55888.03	55888.66016	56016.25218	56016.37500	504323.1	5408919.8
L4325.0	504323.1	5408919.8	84944.39844	228.00	42.14	48.833240	-86.941091	55911.13	56278.2	-28.20	55882.93	55883.56641	56016.19359	56016.32031	504323.1	5408919.8
L4325.0	504323.1	5408921.2	84944.50000	227.35	42.14	48.833253	-86.941091	55909.92	56278.2	-28.20	55881.72	55882.35938	56015.93165	56016.06250	504323.1	5408921.2
L4325.0	504323.1	5408922.4	84944.60156	227.69	41.18	48.833263	-86.941091	55907.31	56278.2	-28.20	55879.11	55879.75781	56015.82014	56015.95313	504323.1	5408922.4
L4325.0	504323.2	5408923.8	84944.60156	227.69	39.36	48.833276	-86.941091	55905.08	56278.2	-28.20	55876.89	55877.54297	56015.74072	56015.87500	504323.2	5408923.8
L4325.0	504323.2	5408925.3	84944.79688	225.04	39.36	48.833289	-86.941090	55903.82	56278.2	-28.19	55875.63	55876.28906	56015.65629	56015.79297	504323.2	5408925.3
L4325.0	504323.2	5408926.8	84944.89844	227.12	41.37	48.833303	-86.941090	55901.34	56278.2	-28.18	55873.16	55873.82422	56015.71228	56015.85156	504323.2	5408926.8
L4325.0	504323.2	5408926.8	84945.00000	226.93	40.24	48.833303	-86.941090	55900.16	56278.2	-28.18	55871.98	55872.64844	56015.74268	56015.88672	504323.2	5408926.8
L4325.0	504323.2	5408928.4	84945.10156	226.58	40.24	48.833317	-86.941090	55898.71	56278.2	-28.18	55870.53	55871.20703	56015.85201	56015.99609	504323.2	5408928.4
L4325.0	504323.2	5408929.6	84945.20313	224.92	40.78	48.833328	-86.941090	55898.86	56278.2	-28.17	55870.69	55871.37109	56015.91533	56016.06250	504323.2	5408929.6
L4325.0	504323.2	5408931.0	84945.29688	225.25	41.47	48.833341	-86.941089	55899.12	56278.2	-28.17	55870.95	55871.63672	56016.03357	56016.18359	504323.2	5408931.0
L4325.0	504323.2	5408932.7	84945.39844	226.59	39.53	48.833356	-86.941089	55899.32	56278.2	-28.17	55871.15	55871.84375	56016.21753	56016.37109	504323.2	5408932.7
L4325.0	504323.2	5408933.7	84945.50000	226.77	39.87	48.833365	-86.941089	55900.58	56278.2	-28.17	55872.41	55873.10938	56016.39255	56016.55078	504323.2	5408933.7
L4325.0	504323.2	5408934.7	84945.60156	223.44	44.02	48.833374	-86.941089	55901.41	56278.2	-28.16	55873.25	55873.95703	56016.65714	56016.81641	504323.2	5408934.7
L4325.0	504323.3	5408936.1	84945.70313	225.48	44.02	48.833386	-86.941089	55903.06	56278.2	-28.16	55874.90	55875.61328	56016.92906	56017.08984	504323.3	5408936.1
L4325.0	504323.3	5408936.1	84945.79688	225.61	41.03	48.833386	-86.941089	55904.45	56278.2	-28.16	55876.30	55877.01953	56017.27855	56017.44531	504323.3	5408936.1
L4325.0	504323.3	5408937.5	84945.89844	225.48	41.03	48.833399	-86.941089	55907.66	56278.2	-28.15	55879.51	55880.23828	56017.56776	56017.73828	504323.3	5408937.5
L4325.0	504323.3	5408939.0	84946.00000	222.65	38.71	48.833412	-86.941089	55908.45	56278.2	-28.15	55880.29	55881.02344	56018.07871	56018.25000	504323.3	5408939.0
L4325.0	504323.3	5408940.1	84946.10156	222.62	37.38	48.833423	-86.941089	55911.00	56278.1	-28.15	55882.85	55883.58984	56018.52993	56018.70313	504323.3	5408940.1
L4325.0	504323.3	5408940.1	84946.20313	225.38	37.38	48.833423	-86.941089	55914.75	56278.1	-28.15	55886.60	55887.34766	56018.95988	56019.13672	504323.3	5408940.1
L4325.0	504323.2	5408943.2	84946.29688	225.25	40.59	48.833450	-86.941089	55917.81	56278.1	-28.15	55889.66	55890.41406	56019.49286	56019.67578	504323.2	5408943.2
L4325.0	504323.2	5408943.2	84946.39844	222.90	40.26	48.833450	-86.941089	55921.98	56278.1	-28.15	55893.83	55894.58984	56020.00775	56020.19141	504323.2	5408943.2
L4325.0	504323.2	5408944.6	84946.50000	224.10	40.12	48.833463	-86.941089	55924.36	56278.1	-28.14	55896.21	55896.97656	56020.69665	56020.88281	504323.2	5408944.6
L4325.0	504323.2	5408945.8	84946.60156	225.27	37.34	48.833473	-86.941089	55928.96	56278.1	-28.14	55900.82	55901.59375	56021.29023	56021.48047	504323.2	5408945.8
L4325.0	504323.2	5408947.2	84946.60156	225.27	37.34	48.833486	-86.941089	55933.36	56278.1	-28.14	55905.22	55906.00000	56021.94974	56022.14453	504323.2	5408947.2
L4325.0	504323.2	5408948.1	84946.79688	224.86	37.34	48.833495	-86.941089	55937.21	56278.1	-28.14	55909.07	55909.85547	56022.69633	56022.89453	504323.2	5408948.1
L4325.0	504323.2	5408949.4	84946.89844	226.36	43.29	48.833506	-86.941089	55942.57	56278.1	-28.14	55914.43	55915.22266	56023.39107	56023.58984	504323.2	5408949.4

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4325.0	504323.2	5408950.6	84947.00000	226.34	43.22	48.833517	-86.941089	55946.06	56278.1	-28.14	55917.92	55918.71875	56024.25765	56024.46094	504323.2	5408950.6
L4325.0	504323.2	5408952.1	84947.10156	226.22	43.22	48.833531	-86.941089	55951.78	56278.1	-28.14	55923.64	55924.44531	56025.02099	56025.22656	504323.2	5408952.1
L4325.0	504323.2	5408952.1	84947.20313	226.56	37.91	48.833531	-86.941089	55955.85	56278.1	-28.13	55927.72	55928.53125	56025.93730	56026.14844	504323.2	5408952.1
L4325.0	504323.2	5408954.5	84947.29688	227.79	37.91	48.833552	-86.941089	55960.07	56278.1	-28.13	55931.95	55932.76953	56026.88542	56027.09766	504323.2	5408954.5
L4325.0	504323.2	5408954.5	84947.39844	227.47	39.41	48.833552	-86.941089	55966.42	56278.1	-28.12	55938.30	55939.12500	56027.73212	56027.94922	504323.2	5408954.5
L4325.0	504323.2	5408956.0	84947.50000	225.95	36.62	48.833565	-86.941089	55971.71	56278.1	-28.12	55943.59	55944.42188	56028.68748	56028.90625	504323.2	5408956.0
L4325.0	504323.2	5408957.2	84947.60156	226.22	36.33	48.833576	-86.941089	55976.57	56278.1	-28.12	55948.45	55949.28906	56029.70755	56029.92969	504323.2	5408957.2
L4325.0	504323.2	5408958.1	84947.70313	225.50	36.33	48.833585	-86.941089	55981.18	56278.1	-28.11	55953.06	55953.90625	56030.77836	56031.00391	504323.2	5408958.1
L4325.0	504323.3	5408960.3	84947.79688	224.36	38.03	48.833604	-86.941089	55986.68	56278.1	-28.11	55958.58	55959.42969	56031.82057	56032.05078	504323.3	5408960.3
L4325.0	504323.3	5408961.7	84947.89844	223.91	39.22	48.833617	-86.941088	55992.81	56278.1	-28.10	55964.71	55965.56641	56032.85220	56033.08594	504323.3	5408961.7
L4325.0	504323.3	5408961.7	84948.00000	224.45	39.22	48.833617	-86.941088	55998.39	56278.1	-28.10	55970.29	55971.15234	56033.94856	56034.18750	504323.3	5408961.7
L4325.0	504323.3	5408962.9	84948.10156	224.00	39.12	48.833628	-86.941088	56003.25	56278.1	-28.09	55975.16	55976.03125	56035.11833	56035.35938	504323.3	5408962.9
L4325.0	504323.3	5408965.3	84948.20313	222.58	30.01	48.833649	-86.941088	56008.48	56278.1	-28.09	55980.40	55981.27734	56036.28751	56036.53125	504323.3	5408965.3
L4325.0	504323.3	5408965.3	84948.29688	225.95	30.46	48.833649	-86.941088	56013.37	56278.1	-28.08	55985.29	55986.17188	56037.50212	56037.75000	504323.3	5408965.3
L4325.0	504323.3	5408966.8	84948.39844	226.52	30.46	48.833662	-86.941088	56018.54	56278.1	-28.07	55990.46	55991.34766	56038.71822	56038.96875	504323.3	5408966.8
L4325.0	504323.3	5408967.7	84948.50000	225.09	36.91	48.833671	-86.941088	56023.82	56278.1	-28.07	55995.75	55996.64453	56039.94453	56040.19922	504323.3	5408967.7
L4325.0	504323.3	5408968.9	84948.60156	225.08	46.19	48.833682	-86.941088	56029.13	56278.1	-28.06	56001.08	56001.98047	56041.18448	56041.44141	504323.3	5408968.9
L4325.0	504323.3	5408970.4	84948.60156	225.08	48.57	48.833695	-86.941087	56033.58	56278.1	-28.06	56005.52	56006.42578	56042.49821	56042.75781	504323.3	5408970.4
L4325.0	504323.3	5408970.4	84948.79688	225.41	48.57	48.833695	-86.941087	56038.54	56278	-28.04	56010.49	56011.39844	56043.78921	56044.05078	504323.3	5408970.4
L4325.0	504323.4	5408973.3	84948.89844	224.36	46.78	48.833721	-86.941087	56042.24	56278	-28.04	56014.20	56015.11328	56045.17504	56045.44141	504323.4	5408973.3
L4325.0	504323.4	5408973.3	84949.00000	222.93	47.8	48.833721	-86.941087	56046.10	56278	-28.03	56018.07	56018.98828	56046.55928	56046.82813	504323.4	5408973.3
L4325.0	504323.4	5408974.7	84949.10156	226.33	47.8	48.833734	-86.941087	56051.72	56278	-28.03	56023.69	56024.61328	56047.83422	56048.10547	504323.4	5408974.7
L4325.0	504323.4	5408976.2	84949.20313	226.84	48.03	48.833747	-86.941087	56056.86	56278	-28.03	56028.83	56029.75781	56049.14689	56049.42188	504323.4	5408976.2
L4325.0	504323.4	5408977.4	84949.29688	225.01	51.56	48.833758	-86.941087	56061.23	56278	-28.02	56033.21	56034.14453	56050.51434	56050.79297	504323.4	5408977.4
L4325.0	504323.4	5408979.3	84949.39844	225.86	52.18	48.833775	-86.941087	56066.14	56278	-28.02	56038.12	56039.05859	56051.84905	56052.12891	504323.4	5408979.3
L4325.0	504323.4	5408980.0	84949.50000	225.76	52.18	48.833782	-86.941087	56068.99	56278	-28.02	56040.97	56041.91406	56053.32217	56053.60547	504323.4	5408980.0
L4325.0	504323.4	5408981.5	84949.60156	224.62	52.37	48.833795	-86.941087	56073.52	56278	-28.02	56045.50	56046.44531	56054.68295	56054.96875	504323.4	5408981.5
L4325.0	504323.4	5408982.6	84949.70313	225.52	47.84	48.833805	-86.941087	56077.70	56278	-28.02	56049.68	56050.62891	56056.06533	56056.35547	504323.4	5408982.6
L4325.0	504323.4	5408982.6	84949.79688	227.51	46.3	48.833805	-86.941087	56081.84	56278	-28.01	56053.83	56054.78516	56057.44666	56057.73828	504323.4	5408982.6
L4325.0	504323.4	5408984.1	84949.89844	226.85	46.16	48.833818	-86.941087	56085.21	56278	-28.01	56057.20	56058.15625	56058.87567	56059.17188	504323.4	5408984.1
L4325.0	504323.4	5408985.5	84950.00000	224.37	46.16	48.833831	-86.941087	56087.98	56278	-28.01	56059.97	56060.92969	56060.33915	56060.63672	504323.4	5408985.5
L4325.0	504323.4	5408987.0	84950.10156	225.50	46.58	48.833844	-86.941087	56092.04	56278	-28.01	56064.03	56064.99609	56061.70995	56062.00781	504323.4	5408987.0
L4325.0	504323.4	5408987.0	84950.20313	226.56	42.97	48.833844	-86.941087	56096.19	56278	-28.00	56068.19	56069.15625	56063.06631	56063.36719	504323.4	5408987.0
L4325.0	504323.4	5408988.9	84950.29688	225.87	40.36	48.833861	-86.941087	56100.03	56278	-28.00	56072.03	56073.00000	56064.43519	56064.73828	504323.4	5408988.9
L4325.0	504323.4	5408990.4	84950.39844	224.69	40.36	48.833875	-86.941086	56102.06	56278	-28.00	56074.06	56075.03125	56065.91493	56066.22266	504323.4	5408990.4
L4325.0	504323.4	5408991.7	84950.50000	225.34	36.53	48.833887	-86.941086	56106.51	56278	-28.00	56078.51	56079.48438	56067.22262	56067.53125	504323.4	5408991.7
L4325.0	504323.4	5408992.8	84950.60156	227.76	39.19	48.833896	-86.941086	56108.18	56278	-27.99	56080.18	56081.15625	56068.70404	56069.01563	504323.4	5408992.8
L4325.0	504323.4	5408994.4	84950.60156	227.76	45.37	48.833911	-86.941086	56112.45	56278	-27.99	56084.46	56085.43750	56069.99904	56070.31250	504323.4	5408994.4
L4325.0	504323.4	5408994.4	84950.79688	224.84	45.37	48.833911	-86.941086	56115.15	56278	-27.99	56087.17	56088.14844	56071.38551	56071.69922	504323.4	5408994.4
L4325.0	504323.4	5408995.6	84950.89844	226.41	44.67	48.833922	-86.941086	56118.61	56278	-27.98	56090.62	56091.60156	56072.70873	56073.02344	504323.4	5408995.6
L4325.0	504323.4	5408997.1	84951.00000	225.82	44.96	48.833935	-86.941086	56121.13	56278	-27.98	56093.14	56094.12109	56074.07936	56074.39844	504323.4	5408997.1
L4325.0	504323.4	5408998.5	84951.10156	223.38	44.96	48.833948	-86.941086	56122.97	56278	-27.98	56094.99	56095.97266	56075.47945	56075.80078	504323.4	5408998.5
L4325.0	504323.4	5408999.2	84951.20313	223.80	44.34	48.833954	-86.941086	56126.54	56278	-27.98	56098.57	56099.55469	56076.74841	56077.07031	504323.4	5408999.2
L4325.0	504323.4	5409000.7	84951.29688	221.30	43.86	48.833967	-86.941086	56128.79	56278	-27.97	56100.82	56101.80469	56078.08972	56078.41406	504323.4	5409000.7
L4325.0	504323.4	5409002.1	84951.39844	221.56	41.18	48.833980	-86.941086	56131.45	56278	-27.97	56103.47	56104.45313	56079.38755	56079.71094	504323.4	5409002.1
L4325.0	504323.5	5409003.5	84951.50000	223.17	41.18	48.833993	-86.941086	56133.92	56278	-27.97	56105.95	56106.93359	56080.67945	56081.00391	504323.5	5409003.5
L4325.0	504323.4	5409004.7	84951.60156	223.66	41.38	48.834004	-86.941086	56136.63	56278	-27.97	56108.67	56109.65234	56081.93767	56082.26563	504323.4	5409004.7
L4325.0	504323.4	5409006.2	84951.70313	222.79	44.5	48.834017	-86.941086	56138.25	56278	-27.97	56110.29	56111.26953	56083.25119	56083.57813	504323.4	5409006.2
L4325.0	504323.4	5409007.2	84951.79688	223.95	33.36	48.834026	-86.941086	56139.70	56278	-27.96	56111.73	56112.71094	56084.55834	56084.88672	504323.4	5409007.2
L4325.0	504323.4	5409007.2	84951.89844	225.77	33.36	48.834026	-86.941086	56142.55	56278	-27.96	56114.59	56115.56641	56085.75213	56086.08203	504323.4	5409007.2
L4325.0	504323.4	5409008.8	84952.00000	224.65	33.5	48.834040	-86.941086	56144.36	56278	-27.96	56116.40	56117.37500	56086.99699	56087.32813	504323.4	5409008.8
L4325.0	504323.4	5409010.2	84952.10156	223.47	43.85	48.834053	-86.941086	56147.28	56278	-27.96	56119.32	56120.29297	56088.14868	56088.48047	504323.4	5409010.2
L4325.0	504323.4	5409011.8	84952.20313	223.53	43.85	48.834068	-86.941086	56148.02	56278	-27.95	56120.06	56121.03125	56089.42631	56089.75781	504323.4	5409011.8
L4325.0	504323.4	5409013.3	84952.29688	222.39	44.84	48.834081	-86.941086	56150.48	56277.9	-27.95	56122.53	56123.50000	56090.56907	56090.89844	504323.4	5409013.3
L4325.0	504323.4	5409013.3	84952.39844	223.58	45.22	48.834081	-86.941086	56152.59	56277.9	-27.94	56124.64	56125.60547	56091.71612	56092.04688	504323.4	5409013.3
L4325.0	504323.4	5409014.3	84952.50000	223.76	45.22	48.834090	-86.941086	56154.06	56277.9	-27.94	56126.12	56127.08203	56092.88536	56093.21484	504323.4	5409014.3
L4325.0	504323.4	5409015.9	84952.60156	222.67	44.33	48.834105	-86.941086	56155.82	56277.9	-27.94	56127.88	56128.83984	56094.01601	56094.34766	504323.4	5409015.9
L4325.0	504323.4	5409017.1	84952.60156	222.67	42.76	48.834115	-86.941086	56157.38	56277.9	-27.94	56129.44	56130.39453	56095.14002	56095.47266	504323.4	5409017.1
L4325.0	504323.4	5409018.3	84952.79688	224.99	42.76	48.834126	-86.941086	56158.54	56277.9	-27.93	56130.61	56131.56250	56096.26998	56096.60156	504323.4	5409018.3
L4325.0	504323.4	5409018.3	84952.89844	223.69	41.28	48.834126	-86.941086	56161.15	56277.9	-27.92	56133.22	56134.16797	56097.28388	56097.61328	504323.4	5409018.3
L4325.0	504323.4	5409020.1	84953.00000	223.78	43.11	48.834142	-86.941086	56162.43	56277.9	-27.92	56134.51	56135.45313	56098.36571	56098.69531	504323.4	5409020.1
L4325.0	504323.4	5409021.5	84953.10156	224.21	43.11	48.834155	-86.941087	56164.01	56277.9	-27.92	56136.09	56137.02734	56099.40813	56099.73828	504323.4	5409021.5
L4325.0	504323.3	5409023.1	84953.20313	224.96	43.98	48.834170	-86.941087	56164.98	56277.9	-27.92	56137.06	56137.99219	56100.47118	56100.80078	504323.3	5409023.1
L4325.0	504323.3	5409024.3	84953.29688	222.75	39.93	48.834180	-86.941087	56166.99	56277.9	-27.91	56139.07	56139.99609	56101.44491	56101.77344	504323.3	5409024.3
L4325.0	504323.3	5409025.6	84953.39844	223.73	39.93	48.834191	-86.941087	56167.46	56277.9	-27.91	56139.55	56140.46875	56102.50070	56102.82813	504323.3	5409025.6
L4325.0	504323.3	5409026.8	84953.50000	225.67	36.43	48.834202	-86.941087	56168.53	56277.9	-27.91	56140.62	56141.53516	56103.49729	56103.82422	504323.3	5409026.8
L4325.0	504323.3	5409028.3	84953.60156	225.58	40.8	48.834216	-86.941087	56170.63	56277.9	-27.91	56142.72	56143.62891	56104.40544	56104.73047	504323.3	5409028.3
L4325.0	504323.3	5409028.3	84953.70313	225.37	46.04	48.834216	-86.941087	56171.34	56277.9	-27.91	56143.43	56144.33203	56105.38658	56105.71094	504323.3	5409028.3
L4325.0	504323.3	5409029.7	84953.79688	224.95	44.8	48.834228	-86.941087	56172.78	56277.9	-27.90	56144.88	56145.77344	56106.29882	56106.62109	504323.3	5409029.7
L4325.0	504323.3	5409031.3	84953.89844	226.09	44.8	48.834243	-86.941087	56174.63	56277.9	-27.90	56146.73	56147.61719	56107.16495	56107.48438	504323.3	5409031.3
L4325.0	504323.3	5409032.5	84954.00000	227.03	42.47	48.834254	-86.941087	56174.81	56277.9	-27.90	56146.90	56147.77734	56108.12378	56108.44141	504323.3	5409032.5
L4325.0	504323.3	5409034.0	84954.10156	226.97	44.17	48.834267	-86.941088	56175.56	56277.9	-27.90	56147.65	56148.51953	56109.02478	56109.33984	504323.3	5409034.0
L4325.0	504323.2	5409035.4	84954.20313	227.08	44.17	48.834280	-86.941088	56177.38	56277.9	-27.90	56149.48	56150.34375	56109.83476	56110.14844	504323.2	5409035.4
L4325.0	504323.2	5409035.4	84954.29688	226.70	44.16	48.834280	-86.941088	56178.12	56277.9	-27.90	56150.22	56151.07422	56110.69856	56111.01172	504323.2	5409035.4
L4325.0	504323.2	5409036.8	84954.39844	226.63	45.19	48.834293	-86.941088	56178.14	56277.9	-27.90	56150.24	56151.08594	56111.59168	56111.90234	504323.2	5409036.8
L4325.0	504323.2	5409038.3	84954.50000	225.32	45.19	48.834306	-86.941088	56179.45	56277.9	-27.91	56151.55	56152.38672	56112.38030	56112.68750	504323.2	5409038.3
L4325.0	504323.2	5409039.7	84954.60156	227.15	47.12	48.834318	-86.941089	56181.32	56277.9	-27.91	56153.42	56154.24609	56113.11326	56113.41797	504323.2	5409039.7
L4325.0	504323.2	5409040.9	84954.60156	227.15	47.55	48.834329	-86.941089	56181.79	56277.9	-27.91	56153.88	56154.69922	56113.92208	56114.22266	504323.2	5409040.9
L4325.0	504323.2	5409040.9	84954.79688	227.70	46.78	48.834329	-86.941089	56182.70	56277.9	-27.91	56154.79	56155.59766	56114.68297	56114.98047	504323.2	5409040.9
L4325.0	504323.2	5409042.5	84954.89844	227.95	46.78	48.834344	-86.941089	56182.82	56277.9	-27.91	56154.91	56155.70703	56115.47880	56115.77344	504323.2	5409042.5
L4325.0	504323.2	5409043.8	84955.00000	229.25	46.37	48.834355	-86.941089	56183.46	56277.9	-27.91	56155.55	56156.33594	56116.22242	56116.51563	504323.2	5409043.8
L4325.0	504323.1	5409045.0	84955.10156	227.98	42.18	48.834366	-86.941089	56185.02	56277.9	-27.90	56157.12	56157.89844	56116.88672	56117.17578	504323.1	5409045.0
L4325.0	504323.1	5409046.6	84955.20313	227.12	42.18	48.834381	-86.941089	56185.75	56277.9	-27.90	56157.86	56158.62500	56117.58925	56117.87500	504323.1	5409046.6
L4325.0	504323.1	5409048.0	84955.29688	226.75	41.58	48.834393	-86.941090	56186.39	56277.9	-27.89	56158.50	56159.25391	56118.28157	56118.56641	504323.1	5409048.0
L4325.0	504323.1	5409049.0	84955.39844	226.68	41.58	48.834402	-86.941090	56186.42	56277.9	-27.89	56158.53	56159.27344	56118.99788	56119.27734	504323.1	5409049.0
L4325.0	504323.1	5409049.0	84955.50000	224.68	44.52	48.834402	-86.941090	56187.50	56277.9	-27.88	56159.62	56160.35156	56119.62709	56119.90234	504323.1	5409049.0
L4325.0	504323.1	5409051.3	84955.60156	225.24	43.37	48.834423	-86.941090	56188.59	56277.9	-27.87	56160.71	56161.42969	56120.24009	56120.51172	504323.1	5409051.3
L4325.0	504323.1	5409052.9	84955.70313	222.15	44.78	48.834438	-86.941090	56188.23	56277.9	-27.87	56160.37	56161.07813	56120.93244	56121.20313	504323.1	5409052.9
L4325.0	504323.1	5409052.9	84955.79688	223.60	44.78	48.834438	-86.941090	56189.61	56277.9	-27.86	56161.74	56162.43750	56121.49505	56121.76172	504323.1	5409052.9
L4325.0	504323.1	5409054.1	84955.89844	224.13	45.79	48.834448	-86.941090	56188.28	56277.9	-27.86	56160.43	56161.11328	56122.22082	56122.48047	504323.1	5409054.1
L4325.0	504323.1	5409055.5	84956.00000	224.54	45.79	48.834461	-86.941090	56189.40	56277.8	-27.85	56161.55	56162.22266	56122.76931	56123.02734	504323.1	5409055.5
L4325.0	504323.1	5409057.2	84956.10156	225.24	43.5	48.834476	-86.941090	56190.66	56277.8	-27.85	56162.81	56163.46875	56123.29343	56123.54688	504323.1	5409057.2
L4325.0	504323.1	5409058.6	84956.20313	225.97	43.1	48.834488	-86.941090	56191.42	56277.8	-27.85	56163.57	56164.21484	56123.83609	56124.08594	504323.1	5409058.6

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4325.0	504323.1	5409058.6	84956.29688	225.37	43.1	48.834488	-86.941090	56191.12	56277.8	-27.84	56163.28	56163.91406	56124.43419	56124.67969	504323.1	5409058.6
L4325.0	504323.1	5409060.0	84956.39844	228.38	43.46	48.834501	-86.941090	56191.83	56277.8	-27.84	56163.99	56164.60938	56124.95131	56125.19141	504323.1	5409060.0
L4325.0	504323.1	5409061.4	84956.50000	228.38	41.81	48.834514	-86.941090	56192.18	56277.8	-27.84	56164.34	56164.94531	56125.47835	56125.71484	504323.1	5409061.4
L4325.0	504323.1	5409062.8	84956.60156	224.50	42.52	48.834527	-86.941089	56193.32	56277.8	-27.84	56165.48	56166.07422	56125.93888	56126.16797	504323.1	5409062.8
L4325.0	504323.1	5409063.8	84956.70313	224.50	43.46	48.834536	-86.941089	56192.39	56277.8	-27.84	56164.55	56165.12891	56126.52382	56126.75000	504323.1	5409063.8
L4325.0	504323.1	5409063.8	84956.79688	226.36	43.46	48.834536	-86.941089	56192.21	56277.8	-27.83	56164.37	56164.93750	56127.04539	56127.26563	504323.1	5409063.8
L4325.0	504323.1	5409065.5	84956.89844	226.02	42.06	48.834551	-86.941089	56193.46	56277.8	-27.83	56165.63	56166.18359	56127.45784	56127.67188	504323.1	5409065.5
L4325.0	504323.1	5409067.1	84957.00000	226.13	40.93	48.834565	-86.941089	56194.05	56277.8	-27.83	56166.22	56166.75781	56127.90206	56128.11328	504323.1	5409067.1
L4325.0	504323.2	5409068.3	84957.10156	230.76	40.93	48.834576	-86.941089	56194.89	56277.8	-27.83	56167.06	56167.58594	56128.31696	56128.52344	504323.2	5409068.3
L4325.0	504323.2	5409069.5	84957.20313	228.30	42.14	48.834587	-86.941089	56193.14	56277.8	-27.83	56165.31	56165.82031	56128.89209	56129.09375	504323.2	5409069.5
L4325.0	504323.2	5409070.4	84957.29688	226.02	40.69	48.834595	-86.941089	56194.23	56277.8	-27.83	56166.40	56166.89453	56129.26568	56129.46094	504323.2	5409070.4
L4325.0	504323.2	5409072.1	84957.39844	224.07	39.52	48.834610	-86.941089	56193.97	56277.8	-27.83	56166.15	56166.63281	56129.71662	56129.90625	504323.2	5409072.1
L4325.0	504323.2	5409073.3	84957.50000	223.66	39.52	48.834621	-86.941088	56194.84	56277.8	-27.82	56167.01	56167.47656	56130.08179	56130.26563	504323.2	5409073.3
L4325.0	504323.2	5409073.3	84957.60156	223.08	39.18	48.834621	-86.941088	56195.45	56277.8	-27.82	56167.62	56168.07422	56130.45208	56130.63281	504323.2	5409073.3
L4325.0	504323.2	5409074.9	84957.70313	222.91	39.02	48.834635	-86.941088	56195.62	56277.8	-27.82	56167.79	56168.22656	56130.84036	56131.01172	504323.2	5409074.9
L4325.0	504323.2	5409077.1	84957.79688	223.16	40.3	48.834655	-86.941088	56194.96	56277.8	-27.82	56167.14	56167.56250	56131.27218	56131.44141	504323.2	5409077.1
L4325.0	504323.2	5409077.1	84957.89844	223.64	40.3	48.834655	-86.941088	56195.47	56277.8	-27.82	56167.65	56168.05859	56131.61572	56131.77734	504323.2	5409077.1
L4325.0	504323.2	5409078.7	84958.00000	224.31	40.61	48.834669	-86.941088	56195.51	56277.8	-27.82	56167.69	56168.08594	56131.97985	56132.13672	504323.2	5409078.7
L4325.0	504323.2	5409079.4	84958.10156	226.03	39.57	48.834676	-86.941088	56195.40	56277.8	-27.82	56167.58	56167.96094	56132.34343	56132.49219	504323.2	5409079.4
L4325.0	504323.2	5409080.8	84958.20313	227.64	39.71	48.834688	-86.941088	56196.35	56277.8	-27.81	56168.54	56168.90625	56132.62530	56132.76953	504323.2	5409080.8
L4325.0	504323.2	5409082.0	84958.29688	227.63	41.26	48.834699	-86.941088	56196.18	56277.8	-27.81	56168.37	56168.71875	56132.97231	56133.10938	504323.2	5409082.0
L4325.0	504323.2	5409083.7	84958.39844	225.44	41.26	48.834714	-86.941088	56196.15	56277.8	-27.81	56168.34	56168.67578	56133.29996	56133.43359	504323.2	5409083.7
L4325.0	504323.2	5409083.7	84958.50000	225.19	40.48	48.834714	-86.941088	56196.68	56277.8	-27.81	56168.88	56169.19922	56133.57974	56133.70703	504323.2	5409083.7
L4325.0	504323.3	5409086.5	84958.60156	225.36	41.17	48.834739	-86.941087	56197.12	56277.8	-27.80	56169.31	56169.61719	56133.85716	56133.97656	504323.3	5409086.5
L4325.0	504323.3	5409086.5	84958.60156	225.36	41.17	48.834739	-86.941087	56197.34	56277.8	-27.80	56169.54	56169.83203	56134.13834	56134.25391	504323.3	5409086.5
L4325.0	504323.3	5409087.4	84958.79688	224.11	43.2	48.834748	-86.941087	56196.68	56277.8	-27.80	56168.88	56169.15625	56134.46945	56134.57813	504323.3	5409087.4
L4325.0	504323.3	5409088.7	84958.89844	224.90	42.15	48.834759	-86.941087	56197.72	56277.8	-27.79	56169.93	56170.19141	56134.67727	56134.77734	504323.3	5409088.7
L4325.0	504323.3	5409090.4	84959.00000	224.81	42.15	48.834774	-86.941087	56196.81	56277.8	-27.79	56169.02	56169.26563	56135.00661	56135.10156	504323.3	5409090.4
L4325.0	504323.3	5409092.2	84959.10156	224.02	43.03	48.834791	-86.941087	56196.96	56277.8	-27.79	56169.17	56169.40234	56135.25625	56135.34766	504323.3	5409092.2
L4325.0	504323.3	5409092.2	84959.20313	227.47	43.03	48.834791	-86.941087	56197.92	56277.8	-27.79	56170.13	56170.34766	56135.44297	56135.52734	504323.3	5409092.2
L4325.0	504323.3	5409093.7	84959.29688	228.37	43.25	48.834804	-86.941086	56198.54	56277.8	-27.79	56170.75	56170.95313	56135.64355	56135.71875	504323.3	5409093.7
L4325.0	504323.3	5409095.1	84959.39844	227.63	43.69	48.834817	-86.941086	56198.02	56277.8	-27.79	56170.23	56170.41797	56135.91141	56135.98047	504323.3	5409095.1
L4325.0	504323.3	5409096.7	84959.50000	226.67	43.69	48.834831	-86.941086	56198.31	56277.8	-27.79	56170.52	56170.69141	56136.11666	56136.17969	504323.3	5409096.7
L4325.0	504323.3	5409097.9	84959.60156	227.47	31.46	48.834842	-86.941086	56199.03	56277.8	-27.78	56171.25	56171.41016	56136.28404	56136.34375	504323.3	5409097.9
L4325.0	504323.3	5409098.9	84959.70313	229.35	31.46	48.834851	-86.941086	56198.48	56277.8	-27.78	56170.70	56170.84375	56136.52830	56136.58203	504323.3	5409098.9
L4325.0	504323.3	5409098.9	84959.79688	229.52	43.64	48.834851	-86.941086	56199.54	56277.8	-27.78	56171.76	56171.89063	56136.65685	56136.70313	504323.3	5409098.9
L4325.0	504323.3	5409100.4	84959.89844	228.02	43.54	48.834864	-86.941086	56197.37	56277.8	-27.78	56169.59	56169.70703	56136.99242	56137.03125	504323.3	5409100.4
L4325.0	504323.3	5409101.8	84960.00000	227.74	43.54	48.834877	-86.941086	56199.16	56277.8	-27.78	56171.38	56171.48047	56137.05573	56137.08984	504323.3	5409101.8
L4325.0	504323.3	5409103.0	84960.10156	226.76	43.32	48.834888	-86.941086	56198.76	56277.8	-27.78	56170.98	56171.06641	56137.25684	56137.28516	504323.3	5409103.0
L4325.0	504323.3	5409104.4	84960.20313	224.93	43.81	48.834901	-86.941086	56199.87	56277.8	-27.78	56172.08	56172.15625	56137.34980	56137.37109	504323.3	5409104.4
L4325.0	504323.3	5409105.4	84960.29688	224.79	43.81	48.834909	-86.941086	56199.79	56277.8	-27.78	56172.01	56172.07031	56137.51265	56137.52734	504323.3	5409105.4
L4325.0	504323.3	5409105.4	84960.39844	224.90	41.78	48.834909	-86.941086	56199.74	56277.8	-27.78	56171.96	56172.00781	56137.66610	56137.67578	504323.3	5409105.4
L4325.0	504323.3	5409107.0	84960.50000	225.44	41.73	48.834924	-86.941086	56200.35	56277.8	-27.79	56172.57	56172.60547	56137.76751	56137.76953	504323.3	5409107.0
L4325.0	504323.3	5409108.7	84960.60156	225.46	43.22	48.834939	-86.941086	56200.33	56277.8	-27.79	56172.54	56172.56250	56137.90358	56137.89844	504323.3	5409108.7
L4325.0	504323.4	5409109.8	84960.60156	225.46	43.22	48.834950	-86.941086	56200.33	56277.8	-27.79	56172.54	56172.54688	56138.02966	56138.01953	504323.4	5409109.8
L4325.0	504323.4	5409111.3	84960.79688	225.86	44.05	48.834962	-86.941086	56200.56	56277.8	-27.79	56172.77	56172.76563	56138.13243	56138.11719	504323.4	5409111.3
L4325.0	504323.4	5409112.7	84960.89844	223.94	43.89	48.834975	-86.941086	56199.36	56277.8	-27.79	56171.57	56171.55469	56138.32259	56138.30078	504323.4	5409112.7
L4325.0	504323.4	5409114.4	84961.00000	225.93	44.12	48.834990	-86.941085	56200.53	56277.8	-27.79	56172.74	56172.71094	56138.34680	56138.31641	504323.4	5409114.4
L4325.0	504323.4	5409114.4	84961.10156	228.13	44.23	48.834990	-86.941085	56201.56	56277.8	-27.79	56173.77	56173.73047	56138.37242	56138.33594	504323.4	5409114.4
L4325.0	504323.4	5409116.5	84961.20313	227.33	44.23	48.835010	-86.941085	56201.29	56277.8	-27.78	56173.51	56173.45703	56138.47611	56138.43359	504323.4	5409116.5
L4325.0	504323.4	5409116.5	84961.29688	225.15	44.11	48.835010	-86.941085	56201.14	56277.8	-27.78	56173.36	56173.29688	56138.56454	56138.51953	504323.4	5409116.5
L4325.0	504323.4	5409118.2	84961.39844	224.53	38.48	48.835025	-86.941085	56200.18	56277.8	-27.78	56172.40	56172.32422	56138.69905	56138.64453	504323.4	5409118.2
L4325.0	504323.4	5409119.6	84961.50000	225.11	38.91	48.835037	-86.941085	56201.07	56277.8	-27.78	56173.30	56173.21484	56138.70163	56138.64453	504323.4	5409119.6
L4325.0	504323.4	5409120.8	84961.60156	227.65	38.91	48.835048	-86.941084	56201.29	56277.8	-27.77	56173.52	56173.42188	56138.74162	56138.67578	504323.4	5409120.8
L4325.0	504323.4	5409120.8	84961.70313	227.32	31.32	48.835048	-86.941084	56201.61	56277.8	-27.77	56173.84	56173.73047	56138.76701	56138.69531	504323.4	5409120.8
L4325.0	504323.5	5409122.2	84961.79688	226.73	33.3	48.835061	-86.941084	56201.09	56277.8	-27.77	56173.32	56173.20313	56138.84047	56138.76563	504323.5	5409122.2
L4325.0	504323.5	5409123.7	84961.89844	227.60	33.3	48.835074	-86.941084	56201.96	56277.8	-27.76	56174.20	56174.07031	56138.81265	56138.73047	504323.5	5409123.7
L4325.0	504323.5	5409125.1	84962.00000	226.61	40.71	48.835087	-86.941084	56201.04	56277.8	-27.76	56173.28	56173.14063	56138.89689	56138.80859	504323.5	5409125.1
L4325.0	504323.5	5409126.1	84962.10156	225.45	41	48.835096	-86.941084	56201.58	56277.8	-27.76	56173.83	56173.68359	56138.87517	56138.78125	504323.5	5409126.1
L4325.0	504323.5	5409127.7	84962.20313	225.46	41	48.835110	-86.941083	56201.70	56277.8	-27.75	56173.95	56173.79297	56138.87417	56138.77734	504323.5	5409127.7
L4325.0	504323.5	5409129.4	84962.29688	224.14	43.36	48.835125	-86.941083	56202.04	56277.7	-27.75	56174.29	56174.12500	56138.85055	56138.74609	504323.5	5409129.4
L4325.0	504323.5	5409129.4	84962.39844	223.31	41.05	48.835125	-86.941083	56201.76	56277.7	-27.74	56174.01	56173.83594	56138.86029	56138.75000	504323.5	5409129.4
L4325.0	504323.6	5409130.6	84962.50000	223.56	42.32	48.835136	-86.941083	56200.71	56277.7	-27.74	56172.97	56172.78906	56138.91275	56138.79688	504323.6	5409130.6
L4325.0	504323.6	5409132.0	84962.60156	223.44	42.32	48.835149	-86.941083	56201.55	56277.7	-27.74	56173.81	56173.62109	56138.83192	56138.71094	504323.6	5409132.0
L4325.0	504323.6	5409132.0	84962.60156	223.44	40.77	48.835149	-86.941083	56202.04	56277.7	-27.74	56174.30	56174.10156	56138.76647	56138.64063	504323.6	5409132.0
L4325.0	504323.6	5409133.9	84962.79688	223.43	41.39	48.835166	-86.941082	56202.02	56277.7	-27.73	56174.29	56174.08594	56138.72641	56138.59766	504323.6	5409133.9
L4325.0	504323.6	5409135.6	84962.89844	223.42	44	48.835181	-86.941082	56201.77	56277.7	-27.72	56174.05	56173.83594	56138.69376	56138.55859	504323.6	5409135.6
L4325.0	504323.6	5409137.0	84963.00000	224.08	44	48.835194	-86.941082	56201.58	56277.7	-27.72	56173.86	56173.64063	56138.64985	56138.51172	504323.6	5409137.0
L4325.0	504323.6	5409137.0	84963.10156	223.10	40.98	48.835194	-86.941082	56201.27	56277.7	-27.72	56173.55	56173.32422	56138.60605	56138.46094	504323.6	5409137.0
L4325.0	504323.6	5409138.9	84963.20313	225.00	40.98	48.835211	-86.941082	56201.31	56277.7	-27.72	56173.59	56173.35547	56138.53103	56138.38281	504323.6	5409138.9
L4325.0	504323.6	5409140.2	84963.29688	224.86	43.06	48.835222	-86.941082	56201.12	56277.7	-27.71	56173.40	56173.16016	56138.46351	56138.30859	504323.6	5409140.2
L4325.0	504323.6	5409141.6	84963.39844	224.04	41.06	48.835235	-86.941082	56201.71	56277.7	-27.71	56174.00	56173.75391	56138.33549	56138.17578	504323.6	5409141.6
L4325.0	504323.6	5409142.8	84963.50000	225.91	43.43	48.835246	-86.941082	56200.22	56277.7	-27.71	56172.51	56172.26172	56138.33903	56138.17578	504323.6	5409142.8
L4325.0	504323.6	5409144.0	84963.60156	227.06	43.43	48.835256	-86.941082	56201.21	56277.7	-27.71	56173.51	56173.25391	56138.16883	56138.00000	504323.6	5409144.0
L4325.0	504323.6	5409144.9	84963.70313	226.35	43.99	48.835265	-86.941082	56199.41	56277.7	-27.71	56171.70	56171.44141	56138.17826	56138.00781	504323.6	5409144.9
L4325.0	504323.6	5409146.2	84963.79688	225.38	44.09	48.835276	-86.941082	56199.77	56277.7	-27.70	56172.06	56171.79688	56138.03537	56137.85938	504323.6	5409146.2
L4325.0	504323.6	5409147.8	84963.89844	226.14	43.21	48.835291	-86.941082	56200.33	56277.7	-27.70	56172.63	56172.35938	56137.87090	56137.69141	504323.6	5409147.8
L4325.0	504323.6	5409147.8	84964.00000	226.77	41.11	48.835291	-86.941082	56199.07	56277.7	-27.70	56171.37	56171.09766	56137.82089	56137.63672	504323.6	5409147.8
L4325.0	504323.6	5409149.7	84964.10156	227.59	41.11	48.835308	-86.941082	56199.31	56277.7	-27.70	56171.62	56171.34375	56137.66275	56137.47656	504323.6	5409149.7
L4325.0	504323.6	5409151.1	84964.20313	224.61	41.04	48.835321	-86.941082	56199.26	56277.7	-27.69	56171.56	56171.28125	56137.51787	56137.32422	504323.6	5409151.1
L4325.0	504323.6	5409152.0	84964.29688	226.53	41.34	48.835329	-86.941082	56198.71	56277.7	-27.69	56171.02	56170.73828	56137.39767	56137.20313	504323.6	5409152.0
L4325.0	504323.6	5409153.2	84964.39844	227.80	41.34	48.835340	-86.941082	56197.76	56277.7	-27.69	56170.07	56169.78516	56137.29756	56137.09766	504323.6	5409153.2
L4325.0	504323.6	5409154.6	84964.50000	228.96	40.12	48.835352	-86.941082	56197.67	56277.7	-27.68	56169.99	56169.70313	56137.13229	56136.92969	504323.6	5409154.6
L4325.0	504323.6	5409155.8	84964.60156	228.47	40.89	48.835363	-86.941082	56197.98	56277.7	-27.68	56170.29	56170.00000	56136.93461	56136.72656	504323.6	5409155.8
L4325.0	504323.6	5409155.8	84964.70313	228.47	40.89	48.835363	-86.941082	56197.95	56277.7	-27.68	56170.27	56169.97656	56136.75129	56136.53906	504323.6	5409155.8
L4325.0	504323.6	5409158.6	84964.79688	230.89	35.01	48.835389	-86.941082	56196.88	56277.7	-27.68	56169.21	56168.91406	56136.63042	56136.41797	504323.6	5409158.6
L4325.0	504323.6	5409158.6	84964.89844	229.64	37.48	48.835389	-86.941082	56196.12	56277.7	-27.67	56168.45	56168.15234	56136.48278	56136.26563	504323.6	5409158.6
L4325.0	504323.6	5409160.6	84965.00000	228.99	37.64	48.835406	-86.941082	56196.25	56277.7	-27.67	56168.58	56168.28125	56136.26913	56136.04688	504323.6	5409160.6
L4325.0	504323.6	5409161.3	84965.10156	228.53	37.64	48.835412	-86.941082	56196.23	56277.7	-27.67	56168.56	56168.26172	56136.05892	56135.83594	504323.6	5409161.3
L4325.0	504323.6	5409161.3	84965.20313	226.73	40.36	48.835412	-86.941082	56195.42	56277.7	-27.68	56167.75	56167.44922	56135.89494	56135.66797	504323.6	5409161.3
L4325.0	504323.6	5409162.9	84965.29688	225.86	40.71	48.835427	-86.941082	56194.49	56277.7	-27.68	56166.81	56166.50781	56135.73329	56135.50391	504323.6	5409162.9
L4325.0	504323.6	5409165.1	84965.39844	227.68	40.71	48.835447	-86.941082	56193.86	56277.7	-27.68	56166.18	56165.87891	56135.54477	56135.31250	504323.6	5409165.1
L4325.0	504323.6	5409165.1	84965.50000	226.49	39.41	48.835447	-86.941082	56193.62	56277.7	-27.68	56165.94	56165.63672	56135.32417	56135.08594	504323.6	5409165.1

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4325.0	504323.6	5409166.8	84965.60156	227.18	41.56	48.835462	-86.941082	56193.92	56277.7	-27.69	56166.23	56165.92578	56135.06229	56134.82031	504323.6	5409166.8
L4325.0	504323.6	5409168.3	84965.70313	225.74	41.56	48.835475	-86.941082	56192.54	56277.7	-27.69	56164.85	56164.54688	56134.90591	56134.66406	504323.6	5409168.3
L4325.0	504323.6	5409169.7	84965.79688	225.44	41.94	48.835488	-86.941082	56192.45	56277.7	-27.69	56164.76	56164.45703	56134.65784	56134.41016	504323.6	5409169.7
L4325.0	504323.6	5409169.7	84965.89844	224.25	40.98	48.835488	-86.941082	56191.68	56277.7	-27.70	56163.98	56163.67578	56134.45020	56134.19922	504323.6	5409169.7
L4325.0	504323.6	5409171.2	84966.00000	222.48	41.67	48.835501	-86.941082	56190.65	56277.7	-27.70	56162.95	56162.64844	56134.25381	56134.00000	504323.6	5409171.2
L4325.0	504323.6	5409172.8	84966.10156	223.87	41.67	48.835516	-86.941082	56190.38	56277.7	-27.70	56162.68	56162.37891	56134.00146	56133.74609	504323.6	5409172.8
L4325.0	504323.6	5409173.5	84966.20313	223.39	34.69	48.835523	-86.941082	56190.04	56277.7	-27.69	56162.35	56162.05078	56133.74795	56133.49219	504323.6	5409173.5
L4325.0	504323.6	5409175.2	84966.29688	222.06	32.41	48.835538	-86.941082	56188.81	56277.7	-27.69	56161.11	56160.80859	56133.55008	56133.28906	504323.6	5409175.2
L4325.0	504323.6	5409176.7	84966.39844	223.21	32.41	48.835551	-86.941082	56188.69	56277.7	-27.69	56161.00	56160.69922	56133.27200	56133.00781	504323.6	5409176.7
L4325.0	504323.6	5409178.1	84966.50000	224.08	32.2	48.835564	-86.941082	56188.12	56277.7	-27.68	56160.44	56160.14063	56133.01916	56132.75391	504323.6	5409178.1
L4325.0	504323.6	5409178.1	84966.60156	224.06	36.59	48.835564	-86.941082	56188.03	56277.7	-27.68	56160.35	56160.05469	56132.73037	56132.46094	504323.6	5409178.1
L4325.0	504323.6	5409179.5	84966.70313	224.06	39.86	48.835577	-86.941082	56186.89	56277.7	-27.68	56159.21	56158.91406	56132.50709	56132.23438	504323.6	5409179.5
L4325.0	504323.5	5409181.0	84966.79688	223.26	39.86	48.835589	-86.941082	56187.25	56277.7	-27.68	56159.58	56159.28516	56132.17879	56131.90625	504323.5	5409181.0
L4325.0	504323.5	5409182.4	84966.89844	223.90	38.55	48.835602	-86.941082	56185.35	56277.7	-27.67	56157.68	56157.38672	56131.99759	56131.72266	504323.5	5409182.4
L4325.0	504323.5	5409183.6	84967.00000	222.26	35.68	48.835613	-86.941082	56185.09	56277.7	-27.67	56157.42	56157.12891	56131.70295	56131.42578	504323.5	5409183.6
L4325.0	504323.5	5409184.6	84967.10156	221.96	35.68	48.835622	-86.941082	56185.00	56277.7	-27.67	56157.34	56157.05078	56131.39233	56131.10938	504323.5	5409184.6
L4325.0	504323.5	5409186.0	84967.20313	224.84	34.39	48.835635	-86.941082	56184.92	56277.7	-27.66	56157.25	56156.96094	56131.07851	56130.79297	504323.5	5409186.0
L4325.0	504323.5	5409186.0	84967.29688	225.38	41.93	48.835635	-86.941082	56183.02	56277.7	-27.66	56155.36	56155.07422	56130.88095	56130.59375	504323.5	5409186.0
L4325.0	504323.5	5409187.7	84967.39844	224.25	41.93	48.835650	-86.941083	56183.38	56277.7	-27.66	56155.72	56155.43750	56130.52975	56130.23828	504323.5	5409187.7
L4325.0	504323.5	5409189.3	84967.50000	226.22	35.68	48.835664	-86.941083	56181.93	56277.7	-27.65	56154.28	56153.99609	56130.29503	56130.00391	504323.5	5409189.3
L4325.0	504323.5	5409190.5	84967.60156	226.34	41.9	48.835675	-86.941083	56181.91	56277.7	-27.65	56154.25	56153.96875	56129.96288	56129.66797	504323.5	5409190.5
L4325.0	504323.5	5409191.7	84967.70313	226.98	33.93	48.835686	-86.941083	56182.12	56277.6	-27.65	56154.47	56154.19141	56129.61075	56129.31250	504323.5	5409191.7
L4325.0	504323.5	5409192.6	84967.79688	225.58	33.89	48.835694	-86.941083	56181.30	56277.6	-27.65	56153.65	56153.37500	56129.32474	56129.02344	504323.5	5409192.6
L4325.0	504323.5	5409194.3	84967.89844	224.10	33.89	48.835709	-86.941083	56180.52	56277.6	-27.64	56152.88	56152.60547	56129.03225	56128.72656	504323.5	5409194.3
L4325.0	504323.5	5409195.2	84968.00000	223.75	41.66	48.835718	-86.941083	56180.14	56277.6	-27.64	56152.50	56152.22656	56128.71073	56128.40234	504323.5	5409195.2
L4325.0	504323.5	5409195.2	84968.10156	225.80	40.57	48.835718	-86.941083	56179.18	56277.6	-27.64	56151.53	56151.25781	56128.42557	56128.11719	504323.5	5409195.2
L4325.0	504323.5	5409196.7	84968.20313	224.43	38.94	48.835730	-86.941083	56179.70	56277.6	-27.64	56152.05	56151.78125	56128.03820	56127.72656	504323.5	5409196.7
L4325.0	504323.5	5409198.1	84968.29688	226.78	39.58	48.835744	-86.941083	56177.16	56277.6	-27.64	56149.51	56149.24219	56127.85202	56127.53516	504323.5	5409198.1
L4325.0	504323.4	5409200.0	84968.39844	226.86	39.58	48.835761	-86.941084	56176.90	56277.6	-27.64	56149.25	56148.98438	56127.51108	56127.19141	504323.4	5409200.0
L4325.0	504323.4	5409200.0	84968.50000	225.21	36.24	48.835761	-86.941084	56177.68	56277.6	-27.65	56150.03	56149.76563	56127.09813	56126.77734	504323.4	5409200.0
L4325.0	504323.4	5409201.9	84968.60156	225.29	36.24	48.835778	-86.941084	56176.95	56277.6	-27.65	56149.31	56149.04688	56126.78255	56126.45703	504323.4	5409201.9
L4325.0	504323.4	5409203.6	84968.60156	225.29	36.29	48.835793	-86.941084	56176.31	56277.6	-27.65	56148.66	56148.39844	56126.45973	56126.12891	504323.4	5409203.6
L4325.0	504323.4	5409205.0	84968.79688	225.85	41.03	48.835806	-86.941083	56175.91	56277.6	-27.65	56148.26	56148.00000	56126.11770	56125.78516	504323.4	5409205.0
L4325.0	504323.5	5409206.0	84968.89844	224.75	45.02	48.835814	-86.941083	56174.91	56277.6	-27.65	56147.26	56147.00391	56125.81317	56125.47656	504323.5	5409206.0
L4325.0	504323.5	5409206.0	84969.00000	226.17	45.02	48.835814	-86.941083	56175.26	56277.7	-27.65	56147.61	56147.35547	56125.41618	56125.07813	504323.5	5409206.0
L4325.0	504323.5	5409207.4	84969.10156	225.03	44.9	48.835827	-86.941083	56173.86	56277.6	-27.65	56146.21	56145.95703	56125.13342	56124.78906	504323.5	5409207.4
L4325.0	504323.5	5409209.1	84969.20313	224.14	41.1	48.835842	-86.941083	56173.64	56277.6	-27.65	56145.99	56145.73828	56124.76957	56124.42188	504323.5	5409209.1
L4325.0	504323.5	5409210.3	84969.29688	226.61	41.1	48.835853	-86.941083	56173.29	56277.6	-27.65	56145.65	56145.39844	56124.41133	56124.05859	504323.5	5409210.3
L4325.0	504323.5	5409210.3	84969.39844	226.04	37.69	48.835853	-86.941083	56173.43	56277.6	-27.65	56145.79	56145.53906	56124.01869	56123.66406	504323.5	5409210.3
L4325.0	504323.5	5409211.9	84969.50000	226.69	41	48.835868	-86.941083	56172.90	56277.6	-27.64	56145.25	56145.00000	56123.66900	56123.30859	504323.5	5409211.9
L4325.0	504323.5	5409213.3	84969.60156	224.79	41	48.835881	-86.941083	56172.02	56277.6	-27.64	56144.38	56144.12891	56123.33891	56122.97266	504323.5	5409213.3
L4325.0	504323.5	5409214.8	84969.70313	224.17	48.61	48.835893	-86.941083	56172.40	56277.6	-27.64	56144.76	56144.51172	56122.92310	56122.55469	504323.5	5409214.8
L4325.0	504323.5	5409215.9	84969.79688	224.42	48.84	48.835904	-86.941083	56170.47	56277.6	-27.64	56142.83	56142.58203	56122.65888	56122.28516	504323.5	5409215.9
L4325.0	504323.5	5409217.1	84969.89844	223.75	49.58	48.835915	-86.941083	56170.88	56277.6	-27.64	56143.24	56142.99219	56122.23623	56121.85547	504323.5	5409217.1
L4325.0	504323.5	5409218.3	84970.00000	224.07	49.58	48.835926	-86.941083	56170.43	56277.6	-27.64	56142.79	56142.54297	56121.86847	56121.48438	504323.5	5409218.3
L4325.0	504323.5	5409219.3	84970.10156	225.11	49.74	48.835934	-86.941083	56170.90	56277.6	-27.64	56143.26	56143.01172	56121.43689	56121.04688	504323.5	5409219.3
L4325.0	504323.5	5409220.7	84970.20313	224.04	49.74	48.835947	-86.941083	56169.19	56277.6	-27.64	56141.55	56141.30078	56121.14814	56120.75391	504323.5	5409220.7
L4325.0	504323.5	5409220.7	84970.29688	224.48	49.94	48.835947	-86.941083	56168.33	56277.6	-27.64	56140.69	56140.44141	56120.80018	56120.39844	504323.5	5409220.7
L4325.0	504323.5	5409222.6	84970.39844	226.21	50.3	48.835964	-86.941083	56169.02	56277.6	-27.64	56141.37	56141.12109	56120.34695	56119.93750	504323.5	5409222.6
L4325.0	504323.5	5409223.8	84970.50000	226.65	50.18	48.835975	-86.941083	56168.61	56277.6	-27.64	56140.96	56140.71094	56119.96376	56119.55078	504323.5	5409223.8
L4325.0	504323.5	5409225.2	84970.60156	224.08	50.18	48.835987	-86.941083	56168.45	56277.6	-27.65	56140.81	56140.55859	56119.56055	56119.14063	504323.5	5409225.2
L4325.0	504323.5	5409226.4	84970.60156	224.08	50.38	48.835998	-86.941083	56167.52	56277.6	-27.65	56139.87	56139.61719	56119.20726	56118.78125	504323.5	5409226.4
L4325.0	504323.5	5409227.8	84970.79688	225.70	50.32	48.836011	-86.941083	56167.27	56277.6	-27.65	56139.62	56139.36328	56118.80516	56118.37109	504323.5	5409227.8
L4325.0	504323.5	5409227.8	84970.89844	226.99	50.64	48.836011	-86.941083	56166.73	56277.6	-27.65	56139.08	56138.82422	56118.41954	56117.97656	504323.5	5409227.8
L4325.0	504323.5	5409229.3	84971.00000	226.21	50.64	48.836024	-86.941083	56167.32	56277.7	-27.65	56139.67	56139.41016	56117.95565	56117.50781	504323.5	5409229.3
L4325.0	504323.5	5409230.4	84971.10156	226.33	49.18	48.836034	-86.941083	56165.49	56277.6	-27.65	56137.84	56137.57813	56117.65009	56117.19141	504323.5	5409230.4
L4325.0	504323.5	5409231.9	84971.20313	224.88	50.07	48.836047	-86.941083	56166.23	56277.6	-27.65	56138.58	56138.31641	56117.17013	56116.70313	504323.5	5409231.9
L4325.0	504323.5	5409233.3	84971.29688	223.42	50.65	48.836060	-86.941083	56166.00	56277.6	-27.64	56138.36	56138.09375	56116.75102	56116.27734	504323.5	5409233.3
L4325.0	504323.4	5409234.5	84971.39844	226.02	50.65	48.836071	-86.941083	56164.07	56277.6	-27.64	56136.43	56136.16016	56116.44268	56115.96094	504323.4	5409234.5
L4325.0	504323.4	5409235.9	84971.50000	226.95	50.63	48.836083	-86.941083	56164.23	56277.6	-27.64	56136.59	56136.31641	56115.99169	56115.50000	504323.4	5409235.9
L4325.0	504323.4	5409235.9	84971.60156	227.44	50.63	48.836083	-86.941083	56164.32	56277.6	-27.64	56136.69	56136.41406	56115.54132	56115.03906	504323.4	5409235.9
L4325.0	504323.4	5409237.1	84971.70313	226.43	48.52	48.836094	-86.941083	56164.46	56277.6	-27.64	56136.83	56136.54688	56115.08480	56114.57422	504323.4	5409237.1
L4325.0	504323.4	5409238.8	84971.79688	226.80	43.05	48.836109	-86.941083	56163.68	56277.6	-27.63	56136.05	56135.76563	56114.68605	56114.16406	504323.4	5409238.8
L4325.0	504323.4	5409240.0	84971.89844	224.60	43.05	48.836120	-86.941083	56163.92	56277.6	-27.63	56136.29	56136.00000	56114.21565	56113.68359	504323.4	5409240.0
L4325.0	504323.4	5409241.4	84972.00000	223.74	44.72	48.836133	-86.941083	56162.25	56277.6	-27.63	56134.62	56134.32422	56113.86884	56113.32813	504323.4	5409241.4
L4325.0	504323.4	5409242.3	84972.10156	223.72	51.6	48.836141	-86.941083	56162.29	56277.6	-27.63	56134.66	56134.35938	56113.40419	56112.85156	504323.4	5409242.3
L4325.0	504323.4	5409243.6	84972.20313	225.56	51.6	48.836153	-86.941083	56162.79	56277.6	-27.63	56135.15	56134.83984	56112.90562	56112.34375	504323.4	5409243.6
L4325.0	504323.4	5409245.0	84972.29688	225.75	51.75	48.836166	-86.941083	56160.61	56277.6	-27.63	56132.97	56132.65625	56112.58102	56112.00391	504323.4	5409245.0
L4325.0	504323.4	5409245.0	84972.39844	225.20	50.67	48.836166	-86.941083	56161.07	56277.6	-27.63	56133.44	56133.11719	56112.07564	56111.48828	504323.4	5409245.0
L4325.0	504323.4	5409247.4	84972.50000	226.28	52.75	48.836187	-86.941083	56161.13	56277.6	-27.64	56133.49	56133.16016	56111.59404	56110.99219	504323.4	5409247.4
L4325.0	504323.4	5409247.4	84972.60156	225.49	52.75	48.836187	-86.941083	56159.70	56277.6	-27.64	56132.06	56131.72266	56111.20681	56110.59375	504323.4	5409247.4
L4325.0	504323.4	5409249.1	84972.60156	225.49	52.55	48.836202	-86.941083	56160.59	56277.6	-27.64	56132.95	56132.60547	56110.66050	56110.03516	504323.4	5409249.1
L4325.0	504323.4	5409250.7	84972.79688	224.49	52.57	48.836217	-86.941083	56159.09	56277.6	-27.64	56131.45	56131.09766	56110.26903	56109.62891	504323.4	5409250.7
L4325.0	504323.4	5409252.2	84972.89844	224.79	52.57	48.836230	-86.941083	56158.32	56277.6	-27.64	56130.68	56130.31641	56109.82430	56109.16797	504323.4	5409252.2
L4325.0	504323.4	5409253.1	84973.00000	223.08	52.56	48.836238	-86.941083	56158.84	56277.6	-27.64	56131.20	56130.82813	56109.28888	56108.62109	504323.4	5409253.1
L4325.0	504323.4	5409254.5	84973.10156	221.27	52.86	48.836251	-86.941083	56158.67	56277.6	-27.64	56131.03	56130.64844	56108.79467	56108.10938	504323.4	5409254.5
L4325.0	504323.4	5409254.5	84973.20313	222.39	46.42	48.836251	-86.941083	56157.32	56277.7	-27.65	56129.67	56129.27734	56108.37492	56107.67578	504323.4	5409254.5
L4325.0	504323.4	5409256.0	84973.29688	220.99	46.42	48.836264	-86.941083	56158.11	56277.7	-27.65	56130.46	56130.05469	56107.80686	56107.08984	504323.4	5409256.0
L4325.0	504323.4	5409257.5	84973.39844	220.37	42.14	48.836277	-86.941083	56156.46	56277.7	-27.66	56128.80	56128.38281	56107.39708	56106.66406	504323.4	5409257.5
L4325.0	504323.4	5409258.8	84973.50000	222.35	39.8	48.836290	-86.941083	56156.42	56277.7	-27.67	56128.75	56128.32031	56106.87481	56106.12500	504323.4	5409258.8
L4325.0	504323.4	5409259.7	84973.60156	222.69	45.9	48.836298	-86.941083	56155.95	56277.7	-27.67	56128.28	56127.83984	56106.37530	56105.60938	504323.4	5409259.7
L4325.0	504323.4	5409261.2	84973.70313	222.79	45.9	48.836311	-86.941083	56155.82	56277.7	-27.68	56128.14	56127.68359	56105.84846	56105.06250	504323.4	5409261.2
L4325.0	504323.4	5409262.6	84973.79688	221.81	46.96	48.836323	-86.941083	56154.98	56277.7	-27.68	56127.30	56126.83203	56105.36288	56104.55859	504323.4	5409262.6
L4325.0	504323.4	5409263.8	84973.89844	223.11	47.14	48.836334	-86.941083	56154.34	56277.7	-27.69	56126.65	56126.16406	56104.85915	56104.03906	504323.4	5409263.8
L4325.0	504323.4	5409263.8	84974.00000	224.78	53.62	48.836334	-86.941083	56154.64	56277.7	-27.69	56126.95	56126.44922	56104.28651	56103.44531	504323.4	5409263.8
L4325.0	504323.4	5409265.2	84974.10156	222.86	51.97	48.836347	-86.941083	56152.24	56277.7	-27.69	56124.56	56124.04297	56103.88755	56103.02734	504323.4	5409265.2
L4325.0	504323.4	5409266.6	84974.20313	223.15	51.97	48.836360	-86.941083	56152.20	56277.7	-27.68	56124.51	56123.97656	56103.32688	56102.44531	504323.4	5409266.6
L4325.0	504323.4	5409268.1	84974.29688	224.41	45.07	48.836373	-86.941084	56152.26	56277.7	-27.68	56124.58	56124.03125	56102.75242	56101.85156	504323.4	5409268.1
L4325.0	504323.4	5409269.2	84974.39844	225.20	44.64	48.836383	-86.941084	56152.06	56277.7	-27.67	56124.39	56123.82031	56102.18943	56101.26563	504323.4	5409269.2
L4325.0	504323.4	5409270.6	84974.50000	225.69	43.59	48.836396	-86.941084	56151.38	56277.7	-27.67	56123.71	56123.12109	56101.65320	56100.70703	504323.4	5409270.6
L4325.0	504323.4	5409271.8	84974.60156	228.29	45.32	48.836407	-86.941084	56150.30	56277.7	-27.66	56122.64	56122.03125	56101.13699	56100.16797	504323.4	5409271.8
L4325.0	504323.4	5409272.6	84974.60156	228.29	45.32	48.836414	-86.941084	56150.26	56277.7	-27.66	56122.60	56121.97266	56100.54609	56099.55469	504323.4	5409272.6
L4325.0	504323.4	5409274.0	84974.79688	226.87	55.19	48.836426	-86.941084	56149.87	56277.7	-27.65	56122.22	56121.57031	56099.97178	56098.95703	504323.4	5409274.0

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4325.0	504323.4	5409274.7	84974.89844	228.24	55.22	48.836433	-86.941084	56148.83	56277.6	-27.64	56121.18	56120.50781	56099.43534	56098.39453	504323.4	5409274.7
L4325.0	504323.4	5409276.2	84975.00000	228.10	55.22	48.836446	-86.941084	56147.78	56277.6	-27.64	56120.14	56119.44531	56098.89274	56097.82813	504323.4	5409276.2
L4325.0	504323.4	5409276.2	84975.10156	226.64	55.42	48.836446	-86.941084	56147.31	56277.6	-27.64	56119.66	56118.94141	56098.30661	56097.21484	504323.4	5409276.2
L4325.0	504323.4	5409278.1	84975.20313	226.85	55.57	48.836463	-86.941084	56147.46	56277.6	-27.65	56119.82	56119.07813	56097.67158	56096.55469	504323.4	5409278.1
L4325.0	504323.4	5409279.7	84975.29688	226.74	55.56	48.836478	-86.941084	56145.82	56277.6	-27.65	56118.17	56117.40234	56097.15097	56096.00781	504323.4	5409279.7
L4325.0	504323.4	5409279.7	84975.39844	227.23	55.56	48.836478	-86.941084	56145.79	56277.7	-27.65	56118.14	56117.34375	56096.51607	56095.34375	504323.4	5409279.7
L4325.0	504323.4	5409281.6	84975.50000	227.18	55.77	48.836495	-86.941084	56145.03	56277.7	-27.65	56117.37	56116.54688	56095.92423	56094.72656	504323.4	5409281.6
L4325.0	504323.4	5409282.8	84975.60156	226.88	55.87	48.836506	-86.941084	56143.72	56277.7	-27.66	56116.06	56115.21094	56095.36208	56094.13672	504323.4	5409282.8
L4325.0	504323.4	5409284.2	84975.70313	227.77	55.87	48.836518	-86.941084	56142.30	56277.7	-27.66	56114.64	56113.76172	56094.80095	56093.54297	504323.4	5409284.2
L4325.0	504323.3	5409285.4	84975.79688	228.47	55.85	48.836529	-86.941084	56141.99	56277.7	-27.66	56114.33	56113.41797	56094.15952	56092.87500	504323.3	5409285.4
L4325.0	504323.3	5409286.8	84975.89844	226.24	55.85	48.836541	-86.941084	56141.68	56277.7	-27.67	56114.01	56113.07031	56093.51244	56092.19531	504323.3	5409286.8
L4325.0	504323.3	5409288.2	84976.00000	226.25	55.72	48.836554	-86.941084	56140.20	56277.7	-27.67	56112.53	56111.55469	56092.93640	56091.58984	504323.3	5409288.2
L4325.0	504323.3	5409288.2	84976.10156	225.82	55.72	48.836554	-86.941084	56139.95	56277.7	-27.67	56112.28	56111.27344	56092.27207	56090.89063	504323.3	5409288.2
L4325.0	504323.3	5409289.7	84976.20313	227.08	55.86	48.836567	-86.941084	56138.04	56277.7	-27.67	56110.38	56109.33984	56091.71147	56090.30078	504323.3	5409289.7
L4325.0	504323.3	5409290.6	84976.29688	227.50	55.9	48.836576	-86.941084	56138.08	56277.7	-27.67	56110.41	56109.33203	56091.01595	56089.57031	504323.3	5409290.6
L4325.0	504323.3	5409292.3	84976.39844	227.91	55.9	48.836591	-86.941084	56137.12	56277.7	-27.67	56109.45	56108.33594	56090.38019	56088.90234	504323.3	5409292.3
L4325.0	504323.3	5409293.5	84976.50000	227.16	55.85	48.836602	-86.941084	56136.16	56277.7	-27.67	56108.50	56107.34766	56089.73757	56088.22266	504323.3	5409293.5
L4325.0	504323.3	5409295.0	84976.60156	226.82	55.78	48.836615	-86.941084	56135.16	56277.7	-27.66	56107.50	56106.30859	56089.09210	56087.54297	504323.3	5409295.0
L4325.0	504323.3	5409296.4	84976.60156	226.82	55.78	48.836628	-86.941084	56133.82	56277.7	-27.66	56106.16	56104.92969	56088.46315	56086.87891	504323.3	5409296.4
L4325.0	504323.4	5409297.6	84976.79688	226.45	55.81	48.836638	-86.941084	56133.10	56277.7	-27.66	56105.44	56104.16797	56087.78675	56086.16406	504323.4	5409297.6
L4325.0	504323.4	5409297.6	84976.89844	225.23	55.81	48.836638	-86.941084	56132.58	56277.7	-27.66	56104.92	56103.60547	56087.09095	56085.43359	504323.4	5409297.6
L4325.0	504323.4	5409299.0	84977.00000	226.72	55.81	48.836651	-86.941084	56131.86	56277.7	-27.66	56104.20	56102.84375	56086.40244	56084.70703	504323.4	5409299.0
L4325.0	504323.4	5409300.2	84977.10156	227.43	55.81	48.836662	-86.941083	56130.80	56277.7	-27.66	56103.14	56101.73828	56085.73060	56083.99609	504323.4	5409300.2
L4325.0	504323.4	5409301.6	84977.20313	226.40	55.9	48.836675	-86.941083	56130.20	56277.7	-27.66	56102.55	56101.10156	56085.02146	56083.25000	504323.4	5409301.6
L4325.0	504323.4	5409302.8	84977.29688	225.54	55.9	48.836686	-86.941083	56128.00	56277.7	-27.65	56100.35	56098.85547	56084.41374	56082.60156	504323.4	5409302.8
L4325.0	504323.4	5409304.3	84977.39844	225.42	56.18	48.836699	-86.941083	56126.54	56277.7	-27.65	56098.89	56097.34766	56083.75081	56081.89844	504323.4	5409304.3
L4325.0	504323.4	5409304.3	84977.50000	223.86	56.42	48.836699	-86.941083	56125.81	56277.7	-27.65	56098.16	56096.56641	56083.03337	56081.14063	504323.4	5409304.3
L4325.0	504323.4	5409305.7	84977.60156	223.98	56.57	48.836712	-86.941083	56125.56	56277.6	-27.65	56097.91	56096.26563	56082.27814	56080.34375	504323.4	5409305.7
L4325.0	504323.4	5409307.2	84977.70313	223.13	56.57	48.836725	-86.941083	56124.72	56277.6	-27.65	56097.07	56095.37500	56081.55649	56079.57813	504323.4	5409307.2
L4325.0	504323.4	5409308.6	84977.79688	223.55	56.61	48.836738	-86.941083	56123.31	56277.6	-27.64	56095.66	56093.91016	56080.86713	56078.84375	504323.4	5409308.6
L4325.0	504323.4	5409310.3	84977.89844	221.55	56.54	48.836753	-86.941082	56121.79	56277.6	-27.64	56094.15	56092.34766	56080.17876	56078.11328	504323.4	5409310.3
L4325.0	504323.5	5409311.7	84978.00000	221.99	56.57	48.836766	-86.941082	56121.22	56277.6	-27.64	56093.58	56091.72266	56079.42209	56077.31250	504323.5	5409311.7
L4325.0	504323.5	5409311.7	84978.10156	223.75	56.62	48.836766	-86.941082	56120.60	56277.6	-27.64	56092.96	56091.04297	56078.66316	56076.50781	504323.5	5409311.7
L4325.0	504323.5	5409313.2	84978.20313	224.78	56.62	48.836779	-86.941082	56119.58	56277.6	-27.64	56091.94	56089.96484	56077.92534	56075.72266	504323.5	5409313.2
L4325.0	504323.5	5409313.2	84978.29688	223.23	56.58	48.836779	-86.941082	56117.51	56277.6	-27.64	56089.88	56087.84375	56077.25132	56075.00391	504323.5	5409313.2
L4325.0	504323.5	5409315.6	84978.39844	222.02	56.58	48.836801	-86.941082	56117.34	56277.6	-27.64	56089.70	56087.60547	56076.44648	56074.15234	504323.5	5409315.6
L4325.0	504323.5	5409315.6	84978.50000	221.56	56.48	48.836801	-86.941082	56115.86	56277.6	-27.64	56088.23	56086.07031	56075.72217	56073.37891	504323.5	5409315.6
L4325.0	504323.5	5409317.8	84978.60156	223.02	56.83	48.836820	-86.941082	56115.36	56277.6	-27.63	56087.73	56085.50781	56074.92776	56072.53516	504323.5	5409317.8
L4325.0	504323.5	5409319.1	84978.60156	223.02	56.82	48.836832	-86.941082	56114.17	56277.6	-27.63	56086.54	56084.25391	56074.17395	56071.73438	504323.5	5409319.1
L4325.0	504323.5	5409320.5	84978.79688	224.10	56.82	48.836845	-86.941082	56112.86	56277.6	-27.63	56085.23	56082.87500	56073.42274	56070.93359	504323.5	5409320.5
L4325.0	504323.5	5409321.9	84978.89844	224.53	56.73	48.836857	-86.941082	56112.24	56277.6	-27.63	56084.61	56082.18750	56072.62017	56070.08203	504323.5	5409321.9
L4325.0	504323.5	5409322.7	84979.00000	222.80	56.29	48.836864	-86.941082	56110.06	56277.6	-27.63	56082.43	56079.93750	56071.91626	56069.32422	504323.5	5409322.7
L4325.0	504323.5	5409324.3	84979.10156	226.27	56.29	48.836879	-86.941082	56109.96	56277.6	-27.63	56082.34	56079.77734	56071.06767	56068.42578	504323.5	5409324.3
L4325.0	504323.5	5409324.3	84979.20313	228.76	56.93	48.836879	-86.941082	56108.31	56277.6	-27.62	56080.68	56078.04688	56070.31844	56067.62500	504323.5	5409324.3
L4325.0	504323.5	5409326.3	84979.29688	229.71	56.99	48.836897	-86.941082	56106.96	56277.6	-27.62	56079.34	56076.63281	56069.54255	56066.79688	504323.5	5409326.3
L4325.0	504323.5	5409327.5	84979.39844	227.37	56.99	48.836908	-86.941082	56106.54	56277.6	-27.61	56078.92	56076.13672	56068.70003	56065.89844	504323.5	5409327.5
L4325.0	504323.5	5409328.7	84979.50000	226.01	57.05	48.836919	-86.941082	56105.49	56277.6	-27.61	56077.88	56075.02344	56067.89353	56065.03906	504323.5	5409328.7
L4325.0	504323.4	5409329.7	84979.60156	227.28	57.01	48.836927	-86.941082	56104.43	56277.6	-27.61	56076.82	56073.88672	56067.08307	56064.17578	504323.4	5409329.7
L4325.0	504323.4	5409331.0	84979.70313	227.34	56.96	48.836939	-86.941082	56102.01	56277.6	-27.60	56074.41	56071.39844	56066.35730	56063.39453	504323.4	5409331.0
L4325.0	504323.4	5409332.5	84979.79688	225.84	56.98	48.836952	-86.941082	56102.08	56277.6	-27.60	56074.48	56071.38672	56065.46089	56062.44141	504323.4	5409332.5
L4325.0	504323.4	5409332.5	84979.89844	226.47	56.98	48.836952	-86.941082	56101.38	56277.6	-27.59	56073.78	56070.60547	56064.61049	56061.53516	504323.4	5409332.5
L4325.0	504323.4	5409334.2	84980.00000	226.39	57.03	48.836968	-86.941082	56100.10	56277.6	-27.59	56072.51	56069.25391	56063.79277	56060.66016	504323.4	5409334.2
L4325.0	504323.4	5409335.6	84980.10156	225.22	57.05	48.836980	-86.941082	56099.36	56277.6	-27.59	56071.76	56068.41797	56062.93503	56059.74609	504323.4	5409335.6
L4325.0	504323.4	5409337.0	84980.20313	225.64	57.05	48.836993	-86.941083	56096.82	56277.6	-27.59	56069.23	56065.80469	56062.19060	56058.94531	504323.4	5409337.0
L4325.0	504323.4	5409338.3	84980.29688	226.49	57.13	48.837004	-86.941083	56097.27	56277.6	-27.59	56069.68	56066.16797	56061.24213	56057.93750	504323.4	5409338.3
L4325.0	504323.4	5409339.5	84980.39844	227.09	57.23	48.837015	-86.941083	56094.80	56277.6	-27.59	56067.20	56063.59766	56060.48360	56057.12109	504323.4	5409339.5
L4325.0	504323.4	5409340.8	84980.50000	226.04	57.23	48.837027	-86.941083	56094.19	56277.6	-27.60	56066.59	56062.90234	56059.59498	56056.17188	504323.4	5409340.8
L4325.0	504323.4	5409340.8	84980.60156	226.66	57.28	48.837027	-86.941083	56093.78	56277.6	-27.60	56066.19	56062.41016	56058.68693	56055.20313	504323.4	5409340.8
L4325.0	504323.4	5409342.3	84980.60156	226.66	57.35	48.837041	-86.941083	56092.29	56277.6	-27.60	56064.69	56060.82031	56057.84675	56054.30469	504323.4	5409342.3
L4325.0	504323.3	5409344.0	84980.79688	225.15	57.35	48.837056	-86.941083	56091.48	56277.6	-27.60	56063.88	56059.91406	56056.95508	56053.35156	504323.3	5409344.0
L4325.0	504323.3	5409345.5	84980.89844	227.15	57.49	48.837069	-86.941084	56090.04	56277.6	-27.60	56062.44	56058.38281	56056.09991	56052.43750	504323.3	5409345.5
L4325.0	504323.3	5409346.4	84981.00000	227.80	57.6	48.837078	-86.941084	56088.17	56277.6	-27.60	56060.57	56056.41797	56055.26786	56051.54297	504323.3	5409346.4
L4325.0	504323.3	5409347.7	84981.10156	226.56	57.6	48.837089	-86.941084	56087.48	56277.6	-27.59	56059.89	56055.64063	56054.35092	56050.56250	504323.3	5409347.7
L4325.0	504323.3	5409347.7	84981.20313	226.94	56.33	48.837089	-86.941084	56085.94	56277.6	-27.59	56058.36	56054.01172	56053.48506	56049.63672	504323.3	5409347.7
L4325.0	504323.3	5409349.3	84981.29688	228.96	56.85	48.837104	-86.941084	56085.51	56277.6	-27.58	56057.93	56053.48438	56052.54025	56048.62891	504323.3	5409349.3
L4325.0	504323.3	5409351.0	84981.39844	228.31	56.85	48.837119	-86.941084	56084.27	56277.6	-27.57	56056.69	56052.14453	56051.64380	56047.66797	504323.3	5409351.0
L4325.0	504323.3	5409352.2	84981.50000	227.24	56.23	48.837129	-86.941084	56082.27	56277.6	-27.57	56054.71	56050.06641	56050.79104	56046.75391	504323.3	5409352.2
L4325.0	504323.3	5409352.2	84981.60156	227.87	58.08	48.837129	-86.941084	56080.66	56277.6	-27.56	56053.10	56048.35156	56049.90793	56045.80859	504323.3	5409352.2
L4325.0	504323.3	5409354.9	84981.70313	228.40	58.37	48.837154	-86.941085	56081.06	56277.6	-27.55	56053.51	56048.66016	56048.88445	56044.71875	504323.3	5409354.9
L4325.0	504323.3	5409354.9	84981.79688	226.05	58.37	48.837154	-86.941085	56079.32	56277.5	-27.54	56051.77	56046.81641	56047.99860	56043.76953	504323.3	5409354.9
L4325.0	504323.3	5409356.8	84981.89844	224.17	58.77	48.837171	-86.941085	56077.46	56277.5	-27.54	56049.93	56044.87109	56047.11369	56042.82031	504323.3	5409356.8
L4325.0	504323.2	5409358.4	84982.00000	223.55	58.77	48.837185	-86.941085	56077.37	56277.5	-27.53	56049.84	56044.67578	56046.10637	56041.75000	504323.2	5409358.4
L4325.0	504323.3	5409359.7	84982.10156	222.05	59.74	48.837197	-86.941085	56075.62	56277.5	-27.53	56048.09	56042.82031	56045.20398	56040.78125	504323.3	5409359.7
L4325.0	504323.3	5409359.7	84982.20313	223.26	59.13	48.837197	-86.941085	56074.06	56277.5	-27.52	56046.53	56041.15234	56044.28317	56039.79297	504323.3	5409359.7
L4325.0	504323.3	5409361.1	84982.29688	222.42	59.13	48.837210	-86.941085	56071.88	56277.5	-27.52	56044.36	56038.87500	56043.39729	56038.84375	504323.3	5409361.1
L4325.0	504323.2	5409362.7	84982.39844	221.10	58.52	48.837224	-86.941085	56071.45	56277.5	-27.52	56043.93	56038.33594	56042.38968	56037.76953	504323.2	5409362.7
L4325.0	504323.2	5409362.7	84982.50000	221.38	58.52	48.837224	-86.941085	56069.81	56277.5	-27.51	56042.29	56036.58594	56041.45701	56036.77344	504323.2	5409362.7
L4325.0	504323.2	5409365.4	84982.60156	224.02	58.52	48.837249	-86.941085	56068.87	56277.5	-27.51	56041.35	56035.53516	56040.47198	56035.72266	504323.2	5409365.4
L4325.0	504323.2	5409367.0	84982.60156	224.02	58.72	48.837263	-86.941085	56067.98	56277.5	-27.51	56040.46	56034.53125	56039.47793	56034.66016	504323.2	5409367.0
L4325.0	504323.2	5409367.0	84982.79688	224.84	58.72	48.837263	-86.941085	56066.44	56277.5	-27.51	56038.93	56032.89063	56038.52090	56033.63672	504323.2	5409367.0
L4325.0	504323.2	5409367.7	84982.89844	226.34	59.74	48.837269	-86.941085	56064.54	56277.5	-27.50	56037.04	56030.88672	56037.58227	56032.63281	504323.2	5409367.7
L4325.0	504323.2	5409369.2	84983.00000	228.21	56.05	48.837282	-86.941085	56062.70	56277.5	-27.50	56035.20	56028.93359	56036.63475	56031.61719	504323.2	5409369.2
L4325.0	504323.2	5409370.6	84983.10156	227.59	56.05	48.837295	-86.941085	56062.77	56277.5	-27.50	56035.28	56028.89844	56035.55373	56030.47266	504323.2	5409370.6
L4325.0	504323.2	5409372.0	84983.20313	225.39	52.78	48.837308	-86.941085	56059.61	56277.5	-27.49	56032.12	56025.62500	56034.68328	56029.53516	504323.2	5409372.0
L4325.0	504323.2	5409372.0	84983.29688	227.65	54.77	48.837308	-86.941085	56058.40	56277.5	-27.49	56030.91	56024.30078	56033.67746	56028.46094	504323.2	5409372.0
L4325.0	504323.2	5409373.6	84983.39844	229.77	57.83	48.837323	-86.941085	56057.21	56277.5	-27.48	56029.73	56023.00391	56032.66436	56027.38281	504323.2	5409373.6
L4325.0	504323.2	5409374.9	84983.50000	229.58	57.83	48.837334	-86.941085	56055.86	56277.5	-27.47	56028.39	56021.55078	56031.65674	56026.30859	504323.2	5409374.9
L4325.0	504323.2	5409376.6	84983.60156	227.32	57.99	48.837349	-86.941085	56054.53	56277.5	-27.47	56027.06	56020.10547	56030.64338	56025.22656	504323.2	5409376.6
L4325.0	504323.2	5409377.5	84983.70313	228.98	57.8	48.837357	-86.941085	56052.31	56277.5	-27.46	56024.84	56017.76563	56029.68438	56024.20313	504323.2	5409377.5
L4325.0	504323.2	5409378.8	84983.79688	230.23	57.88	48.837369	-86.941086	56050.88	56277.5	-27.46	56023.42	56016.23047	56028.66721	56023.11719	504323.2	5409378.8
L4325.0	504323.2	5409380.2	84983.89844	229.38	57.88	48.837382	-86.941086	56048.89	56277.5	-27.45	56021.43	56014.12500	56027.68333	56022.07031	504323.2	5409380.2
L4325.0	504323.2	5409380.2	84984.00000	228.81	57.56	48.837382	-86.941086	56047.92	56277.4	-27.45	56020.47	56013.04688	56026.62624	56020.94531	504323.2	5409380.2
L4325.0	504323.2	5409382.1	84984.10156	230.53	57.56	48.837399	-86.941086	56046.08	56277.4	-27.45	56018.63	56011.08984	56025.62341	56019.87500	504323.2	5409382.1

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4325.0	504323.2	5409383.5	84984.20313	231.32	54.5	48.837411	-86.941085	56044.03	56277.4	-27.45	56016.59	56008.93359	56024.62971	56018.81641	504323.2	5409383.5
L4325.0	504323.2	5409384.6	84984.29688	229.58	54.57	48.837421	-86.941085	56042.66	56277.4	-27.44	56015.22	56007.44531	56023.58731	56017.70703	504323.2	5409384.6
L4325.0	504323.2	5409386.6	84984.39844	230.86	54.57	48.837439	-86.941085	56040.08	56277.4	-27.44	56012.64	56004.74609	56022.62174	56016.67969	504323.2	5409386.6
L4325.0	504323.2	5409386.6	84984.50000	231.44	56.91	48.837439	-86.941085	56038.59	56277.4	-27.44	56011.15	56003.14063	56021.57989	56015.57031	504323.2	5409386.6
L4325.0	504323.2	5409387.7	84984.60156	231.17	56.91	48.837449	-86.941085	56037.61	56277.4	-27.44	56010.17	56002.04297	56020.50065	56014.42578	504323.2	5409387.7
L4325.0	504323.2	5409391.0	84984.60156	231.17	57.96	48.837479	-86.941085	56035.31	56277.4	-27.44	56007.87	55999.62500	56019.50627	56013.36719	504323.2	5409391.0
L4325.0	504323.2	5409391.0	84984.79688	229.90	57.96	48.837479	-86.941085	56033.45	56277.4	-27.43	56006.02	55997.66016	56018.47900	56012.27344	504323.2	5409391.0
L4325.0	504323.2	5409392.7	84984.89844	230.85	58	48.837494	-86.941084	56031.54	56277.4	-27.43	56004.10	55995.62109	56017.45377	56011.18750	504323.2	5409392.7
L4325.0	504323.3	5409394.1	84985.00000	227.84	58	48.837507	-86.941084	56029.41	56277.4	-27.43	56001.98	55993.38672	56016.43954	56010.10938	504323.3	5409394.1
L4325.0	504323.3	5409394.1	84985.10156	228.18	54.84	48.837507	-86.941084	56027.28	56277.4	-27.43	55999.86	55991.14844	56015.42328	56009.02734	504323.3	5409394.1
L4325.0	504323.3	5409396.1	84985.20313	229.94	54.84	48.837524	-86.941084	56024.95	56277.4	-27.42	55997.53	55988.70313	56014.41929	56007.96094	504323.3	5409396.1
L4325.0	504323.3	5409396.1	84985.29688	227.25	55.4	48.837524	-86.941084	56024.18	56277.4	-27.42	55996.76	55987.82031	56013.30993	56006.78906	504323.3	5409396.1
L4325.0	504323.3	5409397.5	84985.39844	226.61	58.24	48.837537	-86.941083	56020.48	56277.4	-27.41	55993.06	55984.00391	56012.39485	56005.81250	504323.3	5409397.5
L4325.0	504323.3	5409399.2	84985.50000	227.01	58.24	48.837552	-86.941083	56019.32	56277.4	-27.41	55991.91	55982.74219	56011.30910	56004.66406	504323.3	5409399.2
L4325.0	504323.4	5409400.3	84985.60156	226.32	57.35	48.837563	-86.941083	56017.77	56277.4	-27.41	55990.37	55981.08984	56010.24905	56003.54297	504323.4	5409400.3
L4325.0	504323.4	5409400.3	84985.70313	226.82	54.41	48.837563	-86.941083	56014.84	56277.4	-27.40	55987.44	55978.04688	56009.28177	56002.51172	504323.4	5409400.3
L4325.0	504323.4	5409402.0	84985.79688	225.92	54.41	48.837578	-86.941082	56013.24	56277.4	-27.40	55985.84	55976.33203	56008.22633	56001.39844	504323.4	5409402.0
L4325.0	504323.4	5409403.2	84985.89844	227.97	59.25	48.837589	-86.941082	56011.88	56277.4	-27.39	55984.49	55974.87500	56007.15516	56000.26563	504323.4	5409403.2
L4325.0	504323.4	5409403.2	84986.00000	227.22	59.25	48.837589	-86.941082	56008.34	56277.4	-27.39	55980.95	55971.22266	56006.23137	55999.28516	504323.4	5409403.2
L4325.0	504323.4	5409405.1	84986.10156	228.94	59.75	48.837606	-86.941082	56006.77	56277.4	-27.39	55979.38	55969.54297	56005.17810	55998.17188	504323.4	5409405.1
L4325.0	504323.4	5409406.9	84986.20313	228.71	53.09	48.837622	-86.941082	56004.70	56277.4	-27.38	55977.31	55967.36719	56004.16049	55997.09375	504323.4	5409406.9
L4325.0	504323.4	5409408.3	84986.29688	227.50	53.09	48.837634	-86.941081	56002.29	56277.4	-27.38	55974.91	55964.85938	56003.16771	55996.04297	504323.4	5409408.3
L4325.0	504323.5	5409409.7	84986.39844	226.69	51.52	48.837647	-86.941081	56000.50	56277.4	-27.38	55973.12	55962.96094	56002.13761	55994.95703	504323.5	5409409.7
L4325.0	504323.5	5409409.7	84986.50000	227.06	51.52	48.837647	-86.941081	55996.57	56277.4	-27.38	55969.20	55958.93750	56001.25338	55994.01563	504323.5	5409409.7
L4325.0	504323.5	5409411.8	84986.60156	227.38	59.62	48.837666	-86.941081	55995.29	56277.4	-27.37	55967.91	55957.54297	56000.19824	55992.90625	504323.5	5409411.8
L4325.0	504323.5	5409411.8	84986.60156	227.38	54.51	48.837666	-86.941081	55993.52	56277.4	-27.37	55966.14	55955.67188	55999.18011	55991.83203	504323.5	5409411.8
L4325.0	504323.5	5409413.2	84986.79688	225.84	54.51	48.837679	-86.941081	55991.04	56277.4	-27.37	55963.67	55953.10156	55998.21423	55990.81250	504323.5	5409413.2
L4325.0	504323.5	5409414.7	84986.89844	223.81	50.11	48.837692	-86.941081	55988.89	56277.4	-27.36	55961.52	55950.85156	55997.23321	55989.77734	504323.5	5409414.7
L4325.0	504323.5	5409416.3	84987.00000	223.69	54.45	48.837707	-86.941081	55986.71	56277.4	-27.36	55959.35	55948.58203	55996.26034	55988.75391	504323.5	5409416.3
L4325.0	504323.5	5409417.7	84987.10156	225.52	54.45	48.837719	-86.941081	55983.50	56277.4	-27.36	55956.14	55945.27734	55995.36427	55987.80469	504323.5	5409417.7
L4325.0	504323.5	5409417.7	84987.20313	224.16	49.4	48.837719	-86.941081	55982.23	56277.4	-27.35	55954.88	55943.92188	55994.34632	55986.73438	504323.5	5409417.7
L4325.0	504323.5	5409418.9	84987.29688	224.68	46.04	48.837729	-86.941081	55978.62	56277.3	-27.35	55951.27	55940.21875	55993.49384	55985.83203	504323.5	5409418.9
L4325.0	504323.5	5409420.5	84987.39844	226.48	46.04	48.837744	-86.941081	55976.64	56277.3	-27.34	55949.30	55938.15625	55992.54152	55984.82813	504323.5	5409420.5
L4325.0	504323.5	5409422.2	84987.50000	226.37	48.74	48.837760	-86.941081	55973.76	56277.3	-27.34	55946.42	55935.18750	55991.66009	55983.89844	504323.5	5409422.2
L4325.0	504323.5	5409422.2	84987.60156	226.59	54.76	48.837760	-86.941081	55971.76	56277.3	-27.34	55944.42	55933.09766	55990.73095	55982.92188	504323.5	5409422.2
L4325.0	504323.5	5409425.1	84987.70313	225.10	54.76	48.837786	-86.941081	55969.06	56277.3	-27.33	55941.72	55930.31250	55989.86017	55982.00391	504323.5	5409425.1
L4325.0	504323.5	5409425.1	84987.79688	223.94	55.46	48.837786	-86.941081	55966.38	56277.3	-27.33	55939.05	55927.55859	55988.99986	55981.09766	504323.5	5409425.1
L4325.0	504323.4	5409426.9	84987.89844	224.02	55.46	48.837802	-86.941081	55964.40	56277.3	-27.32	55937.07	55925.49609	55988.10680	55980.16016	504323.4	5409426.9
L4325.0	504323.4	5409426.9	84988.00000	224.81	58.92	48.837802	-86.941081	55962.07	56277.3	-27.32	55934.75	55923.09375	55987.25046	55979.25781	504323.4	5409426.9
L4325.0	504323.4	5409428.6	84988.10156	223.09	49.96	48.837817	-86.941081	55959.59	56277.3	-27.32	55932.28	55920.54688	55986.41898	55978.38281	504323.4	5409428.6
L4325.0	504323.4	5409430.1	84988.20313	224.16	49.96	48.837830	-86.941082	55957.12	56277.3	-27.31	55929.81	55918.00000	55985.60321	55977.52734	504323.4	5409430.1
L4325.0	504323.4	5409431.8	84988.29688	224.97	50.15	48.837846	-86.941082	55953.83	56277.3	-27.31	55926.52	55914.63281	55984.85865	55976.73828	504323.4	5409431.8
L4325.0	504323.4	5409433.0	84988.39844	223.82	50.15	48.837856	-86.941082	55951.73	56277.3	-27.30	55924.43	55912.47266	55984.05150	55975.89063	504323.4	5409433.0
L4325.0	504323.4	5409433.0	84988.50000	221.28	58.69	48.837856	-86.941082	55949.20	56277.3	-27.29	55921.90	55909.87109	55983.29195	55975.09375	504323.4	5409433.0
L4325.0	504323.3	5409434.6	84988.60156	223.23	58.69	48.837871	-86.941083	55946.97	56277.3	-27.29	55919.68	55907.58594	55982.53090	55974.29297	504323.3	5409434.6
L4325.0	504323.3	5409436.5	84988.60156	223.23	58.69	48.837888	-86.941083	55944.57	56277.3	-27.29	55917.28	55905.12109	55981.80191	55973.52734	504323.3	5409436.5
L4325.0	504323.3	5409437.9	84988.79688	220.51	58.69	48.837900	-86.941083	55941.82	56277.3	-27.28	55914.54	55902.31641	55981.11655	55972.80469	504323.3	5409437.9
L4325.0	504323.3	5409437.9	84988.89844	222.33	56.9	48.837900	-86.941083	55939.31	56277.3	-27.27	55912.03	55899.74609	55980.43774	55972.09375	504323.3	5409437.9
L4325.0	504323.3	5409439.1	84989.00000	225.39	59.24	48.837911	-86.941084	55937.11	56277.3	-27.27	55909.84	55897.50000	55979.76039	55971.37891	504323.3	5409439.1
L4325.0	504323.2	5409440.6	84989.10156	225.76	59.24	48.837925	-86.941084	55934.86	56277.3	-27.27	55907.59	55895.19141	55979.11078	55970.69922	504323.2	5409440.6
L4325.0	504323.2	5409441.8	84989.20313	229.73	59.01	48.837936	-86.941084	55932.10	56277.3	-27.26	55904.83	55892.37891	55978.51983	55970.07422	504323.2	5409441.8
L4325.0	504323.2	5409441.8	84989.29688	232.38	59.39	48.837936	-86.941084	55930.33	56277.3	-27.26	55903.07	55890.57031	55977.88782	55969.41406	504323.2	5409441.8
L4325.0	504323.2	5409443.4	84989.39844	233.40	59.39	48.837950	-86.941085	55926.98	56277.3	-27.26	55899.73	55887.18359	55977.38769	55968.88281	504323.2	5409443.4
L4325.0	504323.2	5409444.6	84989.50000	231.53	59.73	48.837961	-86.941085	55925.35	56277.3	-27.25	55898.09	55885.49609	55976.80172	55968.26953	504323.2	5409444.6
L4325.0	504323.1	5409446.0	84989.60156	231.69	59.73	48.837974	-86.941085	55923.17	56277.3	-27.25	55895.92	55883.28516	55976.27950	55967.71875	504323.1	5409446.0
L4325.0	504323.1	5409447.3	84989.70313	230.36	47.83	48.837986	-86.941085	55920.14	56277.2	-27.25	55892.89	55880.21484	55975.84398	55967.25781	504323.1	5409447.3
L4325.0	504323.1	5409447.3	84989.79688	227.97	51	48.837986	-86.941085	55919.22	56277.2	-27.25	55891.98	55879.26953	55975.29742	55966.68750	504323.1	5409447.3
L4325.0	504323.1	5409448.8	84989.89844	225.88	54.42	48.837999	-86.941086	55915.64	56277.2	-27.24	55888.39	55875.64453	55974.96073	55966.32422	504323.1	5409448.8
L4325.0	504323.1	5409450.3	84990.00000	225.42	55.06	48.838012	-86.941086	55913.73	56277.2	-27.24	55886.49	55873.71484	55974.54351	55965.88672	504323.1	5409450.3
L4325.0	504323.1	5409451.6	84990.10156	224.62	55.06	48.838024	-86.941086	55911.84	56277.2	-27.23	55884.61	55871.80469	55974.15798	55965.48047	504323.1	5409451.6
L4325.0	504323.1	5409451.6	84990.20313	223.71	49.9	48.838024	-86.941086	55910.24	56277.2	-27.23	55883.02	55870.19141	55973.78703	55965.08594	504323.1	5409451.6
L4325.0	504323.1	5409454.2	84990.29688	223.27	49.9	48.838048	-86.941086	55907.84	56277.2	-27.22	55880.63	55867.77734	55973.50418	55964.78516	504323.1	5409454.2
L4325.0	504323.1	5409455.5	84990.39844	220.89	50.46	48.838059	-86.941086	55906.45	56277.2	-27.21	55879.24	55866.36719	55973.19028	55964.45313	504323.1	5409455.5
L4325.0	504323.1	5409455.5	84990.50000	221.39	54.48	48.838059	-86.941086	55904.58	56277.2	-27.21	55877.37	55864.48047	55972.94483	55964.19141	504323.1	5409455.5
L4325.0	504323.1	5409456.9	84990.60156	220.04	54.48	48.838071	-86.941086	55902.07	56277.2	-27.20	55874.88	55861.98047	55972.77795	55964.01172	504323.1	5409456.9
L4325.0	504323.1	5409458.8	84990.70313	220.04	51.9	48.838088	-86.941086	55901.36	56277.2	-27.19	55874.17	55861.25781	55972.53040	55963.75000	504323.1	5409458.8
L4325.0	504323.1	5409461.1	84990.89844	220.01	55.22	48.838109	-86.941086	55898.00	56277.2	-27.18	55870.82	55857.90234	55972.49758	55963.70313	504323.1	5409461.1
L4325.0	504323.1	5409461.1	84991.00000	220.50	60.1	48.838109	-86.941086	55896.59	56277.2	-27.17	55869.42	55856.49609	55972.37420	55963.57031	504323.1	5409461.1
L4325.0	504323.1	5409462.6	84991.10156	224.37	60.1	48.838123	-86.941086	55895.83	56277.2	-27.17	55868.66	55855.73438	55972.24825	55963.43359	504323.1	5409462.6
L4325.0	504323.1	5409462.6	84991.20313	223.91	60.06	48.838123	-86.941086	55894.46	56277.2	-27.16	55867.30	55854.37891	55972.20300	55963.37891	504323.1	5409462.6
L4325.0	504323.1	5409464.5	84991.29688	226.64	60.36	48.838140	-86.941086	55893.22	56277.2	-27.16	55866.07	55853.15234	55972.19038	55963.35938	504323.1	5409464.5
L4325.0	504323.1	5409465.9	84991.39844	225.94	60.36	48.838153	-86.941086	55892.31	56277.2	-27.15	55865.16	55852.25000	55972.19823	55963.35938	504323.1	5409465.9
L4325.0	504323.1	5409467.3	84991.50000	224.82	59.97	48.838165	-86.941086	55891.68	56277.1	-27.15	55864.53	55851.63281	55972.22970	55963.38672	504323.1	5409467.3
L4325.0	504323.1	5409468.3	84991.60156	224.62	60.13	48.838174	-86.941085	55891.02	56277.1	-27.15	55863.87	55850.98438	55972.30589	55963.46094	504323.1	5409468.3
L4325.0	504323.1	5409469.4	84991.70313	223.93	50.63	48.838184	-86.941085	55890.44	56277.1	-27.14	55863.30	55850.43359	55972.41915	55963.57031	504323.1	5409469.4
L4325.0	504323.1	5409471.0	84991.79688	222.59	50.63	48.838198	-86.941085	55889.91	56277.1	-27.14	55862.77	55849.92188	55972.57315	55963.72266	504323.1	5409471.0
L4325.0	504323.1	5409471.0	84991.89844	224.04	50.95	48.838198	-86.941085	55889.48	56277.1	-27.13	55862.34	55849.51563	55972.76412	55963.91406	504323.1	5409471.0
L4325.0	504323.2	5409474.1	84992.00000	227.53	50.95	48.838226	-86.941084	55889.76	56277.1	-27.13	55862.63	55849.83594	55972.95094	55964.10547	504323.2	5409474.1
L4325.0	504323.2	5409474.1	84992.10156	226.22	49.64	48.838226	-86.941084	55889.53	56277.1	-27.13	55862.40	55849.63281	55973.21639	55964.37109	504323.2	5409474.1
L4325.0	504323.2	5409476.2	84992.20313	223.90	52.21	48.838245	-86.941084	55889.56	56277.1	-27.12	55862.43	55849.69922	55973.50855	55964.66797	504323.2	5409476.2
L4325.0	504323.2	5409476.2	84992.29688	224.53	52.21	48.838245	-86.941084	55890.79	56277.1	-27.12	55863.68	55850.98438	55973.76340	55964.92969	504323.2	5409476.2
L4325.0	504323.2	5409477.7	84992.39844	223.91	57.29	48.838259	-86.941084	55890.54	56277.1	-27.11	55863.43	55850.77344	55974.16223	55965.33203	504323.2	5409477.7
L4325.0	504323.2	5409479.1	84992.50000	224.36	54.47	48.838272	-86.941084	55891.68	56277.1	-27.11	55864.57	55851.95703	55974.51223	55965.69141	504323.2	5409479.1
L4325.0	504323.2	5409480.5	84992.60156	225.58	58.68	48.838283	-86.941084	55892.67	56277.1	-27.11	55865.56	55852.99219	55974.91587	55966.10547	504323.2	5409480.5
L4325.0	504323.2	5409481.8	84992.60156	225.58	58.68	48.838295	-86.941083	55893.80	56277.1	-27.11	55866.70	55854.17969	55975.35289	55966.55078	504323.2	5409481.8
L4325.0	504323.2	5409481.8	84992.79688	225.31	60.59	48.838295	-86.941083	55895.47	56277.1	-27.10	55868.38	55855.91016	55975.79696	55967.00781	504323.2	5409481.8
L4325.0	504323.2	5409483.1	84992.89844	222.79	54.95	48.838307	-86.941083	55895.20	56277.1	-27.09	55868.10	55855.68750	55976.41434	55967.63672	504323.2	5409483.1
L4325.0	504323.3	5409484.7	84993.00000	221.01	54.95	48.838321	-86.941083	55897.55	56277.1	-27.09	55870.46	55858.10547	55976.89792	55968.13672	504323.3	5409484.7
L4325.0	504323.3	5409486.1	84993.10156	220.99	54.65	48.838334	-86.941083	55899.14	56277.1	-27.09	55872.05	55859.75391	55977.47450	55968.72656	504323.3	5409486.1
L4325.0	504323.3	5409489.7	84993.39844	222.40	60.69	48.838366	-86.941082	55904.73	56277.1	-27.08	55877.65	55865.41797	55977.82483	55969.09375	504323.3	5409489.7
L4325.0	504323.3	5409491.1	84993.50000	221.34	60.69	48.838379	-86.941082	55907.26	56277.1	-27.08	55880.18	55868.01563	55978.42028	55969.71094	504323.3	5409491.1
L4325.0	504323.3	5409492.5	84993.60156	222.50	60.42	48.838392	-86.941082	55909.28	56277.1	-27.08	55882.20	55870.10547	55979.08947	55970.39844	504323.3	5409492.5
L4325.0	504323.3	5409492.5	84993.70313	223.70	60.42	48.838392	-86.941082	55910.98	56277.1	-27.08	55883.90	55871.87891	55979.81900	55971.14844	504323.3	5409492.5

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4325.0	504323.4	5409494.2	84993.79688	224.11	56.81	48.838407	-86.941082	55914.65	56277.1	-27.07	55887.57	55875.62500	55980.45538	55971.80469	504323.4	5409494.2
L4325.0	504323.4	5409495.9	84993.89844	224.19	56.81	48.838422	-86.941081	55916.59	56277.1	-27.07	55889.52	55877.65234	55981.24376	55972.61719	504323.4	5409495.9
L4325.0	504323.4	5409495.9	84994.00000	224.39	55	48.838422	-86.941081	55919.00	56277.1	-27.07	55891.93	55880.14453	55982.03792	55973.43359	504323.4	5409495.9
L4325.0	504323.4	5409497.5	84994.10156	226.32	56.74	48.838437	-86.941081	55922.34	56277.1	-27.07	55895.27	55883.57031	55982.80556	55974.22656	504323.4	5409497.5
L4325.0	504323.4	5409499.2	84994.20313	225.49	56.74	48.838452	-86.941081	55926.46	56277.1	-27.06	55899.40	55887.78516	55983.55505	55975.00391	504323.4	5409499.2
L4325.0	504323.4	5409500.6	84994.29688	226.69	54.96	48.838465	-86.941081	55928.20	56277.1	-27.06	55901.15	55889.62500	55984.49668	55975.97266	504323.4	5409500.6
L4325.0	504323.4	5409500.6	84994.39844	227.33	55.69	48.838465	-86.941081	55931.62	56277.1	-27.05	55904.57	55893.13672	55985.35941	55976.86328	504323.4	5409500.6
L4325.0	504323.4	5409502.8	84994.50000	226.22	55.69	48.838484	-86.941080	55935.84	56277.1	-27.05	55908.79	55897.45313	55986.20014	55977.73438	504323.4	5409502.8
L4325.0	504323.5	5409504.0	84994.60156	226.13	53.7	48.838495	-86.941080	55938.17	56277	-27.05	55911.13	55899.89063	55987.19642	55978.76172	504323.5	5409504.0
L4325.0	504323.5	5409505.4	84994.60156	226.13	53.7	48.838508	-86.941080	55941.58	56277	-27.05	55914.54	55903.40234	55988.15043	55979.74609	504323.5	5409505.4
L4325.0	504323.5	5409505.4	84994.79688	227.89	53.33	48.838508	-86.941080	55945.38	56277	-27.04	55918.34	55907.30469	55989.10636	55980.73438	504323.5	5409505.4
L4325.0	504323.5	5409506.6	84994.89844	225.76	50.98	48.838518	-86.941080	55949.38	56277	-27.03	55922.35	55911.41797	55990.07500	55981.73828	504323.5	5409506.6
L4325.0	504323.5	5409508.5	84995.00000	227.19	58.15	48.838535	-86.941080	55952.14	56277	-27.03	55925.11	55914.28516	55991.15248	55982.85156	504323.5	5409508.5
L4325.0	504323.5	5409509.9	84995.10156	228.21	58.15	48.838548	-86.941080	55955.95	56277	-27.02	55928.93	55918.21484	55992.18360	55983.91797	504323.5	5409509.9
L4325.0	504323.5	5409509.9	84995.20313	227.34	60.49	48.838548	-86.941080	55959.80	56277	-27.02	55932.78	55922.17969	55993.23577	55985.00781	504323.5	5409509.9
L4325.0	504323.5	5409511.7	84995.29688	228.58	59.75	48.838565	-86.941079	55963.41	56277	-27.01	55936.40	55925.91406	55994.32510	55986.13672	504323.5	5409511.7
L4325.0	504323.5	5409513.3	84995.39844	228.72	59.75	48.838579	-86.941079	55967.21	56277	-27.01	55940.20	55929.83203	55995.42300	55987.27344	504323.5	5409513.3
L4325.0	504323.5	5409513.3	84995.50000	229.77	59.15	48.838579	-86.941079	55970.55	56277	-27.00	55943.55	55933.30078	55996.57023	55988.46094	504323.5	5409513.3
L4325.0	504323.5	5409514.7	84995.60156	229.23	59.15	48.838591	-86.941079	55974.72	56277	-26.99	55947.72	55937.58984	55997.68087	55989.61328	504323.5	5409514.7
L4325.0	504323.6	5409516.2	84995.70313	230.31	59.89	48.838605	-86.941079	55978.46	56277	-26.99	55951.47	55941.46484	55998.83633	55990.80859	504323.6	5409516.2
L4325.0	504323.6	5409517.6	84995.79688	230.32	59.78	48.838617	-86.941079	55981.65	56277	-26.98	55954.67	55944.78906	56000.04403	55992.05859	504323.6	5409517.6
L4325.0	504323.6	5409518.8	84995.89844	227.84	59.78	48.838628	-86.941078	55986.28	56277	-26.98	55959.30	55949.54688	56001.17074	55993.23047	504323.6	5409518.8
L4325.0	504323.6	5409518.8	84996.00000	226.52	49.41	48.838628	-86.941078	55990.48	56277	-26.97	55963.51	55953.88672	56002.33855	55994.44141	504323.6	5409518.8
L4325.0	504323.6	5409520.6	84996.10156	226.13	59.44	48.838645	-86.941078	55993.92	56277	-26.97	55966.95	55957.45703	56003.56958	55995.71875	504323.6	5409520.6
L4325.0	504323.6	5409522.2	84996.20313	225.66	57.54	48.838659	-86.941078	55997.79	56277	-26.96	55970.83	55961.46875	56004.78196	55996.97656	504323.6	5409522.2
L4325.0	504323.6	5409523.7	84996.29688	225.12	57.54	48.838673	-86.941078	56001.74	56277	-26.96	55974.78	55965.55469	56005.99915	55998.24219	504323.6	5409523.7
L4325.0	504323.6	5409524.9	84996.39844	228.36	59.66	48.838684	-86.941078	56005.36	56277	-26.95	55978.40	55969.30859	56007.24664	55999.53906	504323.6	5409524.9
L4325.0	504323.6	5409526.4	84996.50000	227.92	59.66	48.838696	-86.941078	56009.30	56276.9	-26.95	55982.35	55973.39844	56008.47928	56000.82031	504323.6	5409526.4
L4325.0	504323.6	5409527.8	84996.60156	227.22	60.44	48.838709	-86.941078	56012.61	56276.9	-26.95	55985.67	55976.85547	56009.75994	56002.14844	504323.6	5409527.8
L4325.0	504323.6	5409527.8	84996.60156	227.22	60.44	48.838709	-86.941078	56016.48	56276.9	-26.95	55989.53	55980.85938	56011.00948	56003.44922	504323.6	5409527.8
L4325.0	504323.6	5409529.4	84996.79688	226.93	50.05	48.838724	-86.941077	56019.72	56276.9	-26.94	55992.78	55984.25000	56012.30350	56004.79297	504323.6	5409529.4
L4325.0	504323.6	5409529.4	84996.89844	225.90	60.5	48.838724	-86.941077	56023.79	56276.9	-26.93	55996.86	55988.47266	56013.54491	56006.08594	504323.6	5409529.4
L4325.0	504323.6	5409531.1	84997.00000	225.09	60.5	48.838739	-86.941077	56027.18	56276.9	-26.93	56000.25	55992.00781	56014.83402	56007.42969	504323.6	5409531.1
L4325.0	504323.6	5409532.7	84997.10156	224.76	58.74	48.838754	-86.941077	56030.24	56276.9	-26.93	56003.31	55995.21484	56016.14580	56008.79297	504323.6	5409532.7
L4325.0	504323.6	5409534.2	84997.20313	224.36	58.74	48.838767	-86.941077	56033.43	56276.9	-26.92	56006.51	55998.56250	56017.44794	56010.14844	504323.6	5409534.2
L4325.0	504323.6	5409534.2	84997.29688	223.62	60.52	48.838767	-86.941077	56037.48	56276.9	-26.92	56010.56	56002.75781	56018.69214	56011.44531	504323.6	5409534.2
L4325.0	504323.6	5409535.5	84997.39844	227.49	57.48	48.838779	-86.941077	56040.64	56276.9	-26.91	56013.73	56006.07813	56019.99282	56012.80078	504323.6	5409535.5
L4325.0	504323.6	5409537.2	84997.50000	227.66	57.48	48.838794	-86.941077	56042.82	56276.9	-26.90	56015.91	56008.41016	56021.35640	56014.22266	504323.6	5409537.2
L4325.0	504323.6	5409538.7	84997.60156	226.91	57.82	48.838807	-86.941078	56046.69	56276.9	-26.90	56019.79	56012.43750	56022.60269	56015.52344	504323.6	5409538.7
L4325.0	504323.6	5409538.7	84997.70313	228.05	60.48	48.838807	-86.941078	56050.48	56276.9	-26.89	56023.58	56016.38281	56023.85018	56016.82813	504323.6	5409538.7
L4325.0	504323.6	5409540.6	84997.79688	228.63	60.48	48.838824	-86.941078	56052.90	56276.9	-26.89	56026.01	56018.96484	56025.18273	56018.21484	504323.6	5409540.6
L4325.0	504323.6	5409542.0	84997.89844	226.90	50.58	48.838837	-86.941078	56055.64	56276.9	-26.88	56028.76	56021.86719	56026.48758	56019.57813	504323.6	5409542.0
L4325.0	504323.6	5409543.7	84998.00000	228.15	50.58	48.838852	-86.941078	56059.16	56276.9	-26.88	56032.28	56025.53906	56027.73398	56020.88281	504323.6	5409543.7
L4325.0	504323.6	5409543.7	84998.10156	227.40	50.23	48.838852	-86.941078	56062.44	56276.9	-26.88	56035.56	56028.97266	56028.98856	56022.19531	504323.6	5409543.7
L4325.0	504323.6	5409545.4	84998.20313	226.06	49.48	48.838867	-86.941078	56064.27	56276.9	-26.87	56037.39	56030.95703	56030.33130	56023.59766	504323.6	5409545.4
L4325.0	504323.6	5409546.9	84998.29688	224.18	49.48	48.838882	-86.941078	56067.35	56276.9	-26.87	56040.48	56034.20313	56031.58090	56024.90625	504323.6	5409546.9
L4325.0	504323.6	5409548.7	84998.39844	223.70	49.48	48.838897	-86.941078	56070.21	56276.9	-26.87	56043.35	56037.23047	56032.83539	56026.21875	504323.6	5409548.7
L4325.0	504323.6	5409548.7	84998.50000	223.73	59.9	48.838897	-86.941078	56072.11	56276.9	-26.86	56045.24	56039.27344	56034.14488	56027.58984	504323.6	5409548.7
L4325.0	504323.6	5409550.4	84998.60156	223.03	48.32	48.838912	-86.941078	56075.44	56276.9	-26.86	56048.58	56042.76953	56035.34680	56028.85156	504323.6	5409550.4
L4325.0	504323.6	5409551.8	84998.60156	223.03	48.32	48.838925	-86.941078	56078.41	56276.9	-26.86	56051.54	56045.88672	56036.56263	56030.12500	504323.6	5409551.8
L4325.0	504323.6	5409551.8	84998.79688	224.09	43.38	48.838925	-86.941078	56080.81	56276.9	-26.86	56053.95	56048.45313	56037.80322	56031.42578	504323.6	5409551.8
L4325.0	504323.6	5409553.4	84998.89844	225.54	48.69	48.838940	-86.941078	56082.50	56276.9	-26.85	56055.65	56050.30859	56039.07876	56032.76172	504323.6	5409553.4
L4325.0	504323.6	5409555.3	84999.00000	225.56	48.69	48.838957	-86.941078	56085.71	56276.8	-26.85	56058.86	56053.67188	56040.24083	56033.98438	504323.6	5409555.3
L4325.0	504323.6	5409555.3	84999.10156	225.62	52.42	48.838957	-86.941078	56087.33	56276.8	-26.85	56060.49	56055.45703	56041.49501	56035.30078	504323.6	5409555.3
L4325.0	504323.6	5409557.1	84999.20313	227.25	52.42	48.838973	-86.941078	56089.08	56276.8	-26.84	56062.23	56057.35547	56042.72826	56036.59375	504323.6	5409557.1
L4325.0	504323.5	5409558.4	84999.29688	225.54	42.47	48.838985	-86.941078	56092.32	56276.8	-26.84	56065.48	56060.75781	56043.84690	56037.77734	504323.5	5409558.4
L4325.0	504323.5	5409559.6	84999.39844	224.97	42.47	48.838995	-86.941078	56093.84	56276.8	-26.84	56067.00	56062.43359	56045.06659	56039.05859	504323.5	5409559.6
L4325.0	504323.5	5409560.8	84999.50000	225.22	42.87	48.839006	-86.941079	56096.79	56276.8	-26.83	56069.96	56065.54688	56046.17572	56040.22656	504323.5	5409560.8
L4325.0	504323.5	5409562.5	84999.60156	225.77	43.83	48.839021	-86.941079	56097.81	56276.8	-26.83	56070.98	56066.72266	56047.39933	56041.51172	504323.5	5409562.5
L4325.0	504323.5	5409562.5	84999.70313	224.11	43.83	48.839021	-86.941079	56100.31	56276.8	-26.83	56073.48	56069.37500	56048.50917	56042.68359	504323.5	5409562.5
L4325.0	504323.5	5409563.9	84999.79688	224.35	60.61	48.839034	-86.941079	56101.32	56276.8	-26.83	56074.49	56070.53516	56049.70303	56043.94141	504323.5	5409563.9
L4325.0	504323.5	5409565.8	84999.89844	226.09	60.61	48.839051	-86.941079	56103.40	56276.8	-26.82	56076.58	56072.77734	56050.80935	56045.10938	504323.5	5409565.8
L4325.0	504323.5	5409565.8	85000.00000	225.21	47.87	48.839051	-86.941079	56106.03	56276.8	-26.82	56079.21	56075.55859	56051.86395	56046.22266	504323.5	5409565.8
L4325.0	504323.5	5409567.2	85000.10156	225.71	47.87	48.839064	-86.941079	56107.74	56276.8	-26.82	56080.92	56077.42188	56052.96401	56047.38672	504323.5	5409567.2
L4325.0	504323.5	5409568.9	85000.20313	225.34	47.29	48.839079	-86.941079	56109.59	56276.8	-26.82	56082.78	56079.42969	56054.03805	56048.51953	504323.5	5409568.9
L4325.0	504323.5	5409568.9	85000.29688	223.45	48.99	48.839079	-86.941079	56110.68	56276.8	-26.81	56083.87	56080.66797	56055.14728	56049.69141	504323.5	5409568.9
L4325.0	504323.5	5409570.5	85000.39844	223.33	48.99	48.839094	-86.941079	56112.56	56276.8	-26.81	56085.74	56082.68750	56056.18826	56050.79297	504323.5	5409570.5
L4325.0	504323.5	5409572.3	85000.50000	224.84	60.65	48.839109	-86.941079	56114.20	56276.8	-26.81	56087.39	56084.48047	56057.22757	56051.89453	504323.5	5409572.3
L4325.0	504323.5	5409573.9	85000.60156	223.61	60.65	48.839124	-86.941079	56116.12	56276.8	-26.81	56089.31	56086.54688	56058.23247	56052.96094	504323.5	5409573.9
L4325.0	504323.5	5409573.9	85000.70313	223.61	60.58	48.839124	-86.941079	56117.21	56276.8	-26.81	56090.40	56087.78125	56059.27624	56054.06641	504323.5	5409573.9
L4325.0	504323.5	5409575.4	85000.79688	225.82	60.37	48.839137	-86.941079	56118.73	56276.8	-26.80	56091.92	56089.44531	56060.27485	56055.12500	504323.5	5409575.4
L4325.0	504323.5	5409577.1	85000.89844	223.95	60.37	48.839152	-86.941079	56119.64	56276.8	-26.80	56092.83	56090.49609	56061.29759	56056.20703	504323.5	5409577.1
L4325.0	504323.5	5409577.1	85001.00000	222.90	60.91	48.839152	-86.941079	56121.93	56276.8	-26.80	56095.13	56092.93750	56062.21113	56057.18359	504323.5	5409577.1
L4325.0	504323.5	5409578.8	85001.10156	224.17	53.85	48.839168	-86.941080	56122.88	56276.8	-26.79	56096.08	56094.02734	56063.19814	56058.23047	504323.5	5409578.8
L4325.0	504323.4	5409580.5	85001.20313	224.28	53.85	48.839183	-86.941080	56123.18	56276.8	-26.79	56096.39	56094.47656	56064.21128	56059.30078	504323.4	5409580.5
L4325.0	504323.4	5409581.4	85001.29688	224.40	54.02	48.839192	-86.941080	56124.74	56276.8	-26.78	56097.96	56096.18359	56065.12392	56060.27344	504323.4	5409581.4
L4325.0	504323.4	5409583.1	85001.39844	224.92	54.02	48.839207	-86.941080	56125.76	56276.8	-26.78	56098.98	56097.33594	56066.05677	56061.26563	504323.4	5409583.1
L4325.0	504323.4	5409583.1	85001.50000	227.67	44.41	48.839207	-86.941080	56127.89	56276.8	-26.77	56101.12	56099.60938	56066.89852	56062.16797	504323.4	5409583.1
L4325.0	504323.4	5409585.1	85001.60156	227.18	46.6	48.839225	-86.941080	56128.69	56276.8	-26.76	56101.93	56100.55469	56067.81258	56063.13672	504323.4	5409585.1
L4325.0	504323.5	5409586.5	85001.70313	223.93	46.6	48.839238	-86.941079	56129.95	56276.8	-26.76	56103.19	56101.94531	56068.68033	56064.06250	504323.5	5409586.5
L4325.0	504323.5	5409588.0	85001.79688	225.26	45.46	48.839251	-86.941079	56131.20	56276.8	-26.75	56104.44	56103.32422	56069.53251	56064.97266	504323.5	5409588.0
L4325.0	504323.5	5409588.0	85001.89844	224.66	46.38	48.839251	-86.941079	56132.41	56276.7	-26.75	56105.67	56104.67969	56070.36986	56065.86719	504323.5	5409588.0
L4325.0	504323.5	5409590.4	85002.00000	223.65	46.38	48.839272	-86.941079	56133.24	56276.7	-26.74	56106.50	56105.63672	56071.21781	56066.77344	504323.5	5409590.4
L4325.0	504323.5	5409591.3	85002.10156	223.87	46.43	48.839281	-86.941079	56133.85	56276.7	-26.74	56107.11	56106.36719	56072.06444	56067.67578	504323.5	5409591.3
L4325.0	504323.5	5409592.8	85002.20313	225.30	46.43	48.839294	-86.941079	56135.29	56276.7	-26.74	56108.55	56107.92969	56072.83984	56068.50781	504323.5	5409592.8
L4325.0	504323.5	5409592.8	85002.29688	224.18	50.48	48.839294	-86.941079	56136.36	56276.7	-26.74	56109.62	56109.12109	56073.62413	56069.34766	504323.5	5409592.8
L4325.0	504323.5	5409594.7	85002.39844	226.27	50.48	48.839312	-86.941079	56136.76	56276.7	-26.74	56110.02	56109.64063	56074.43740	56070.21484	504323.5	5409594.7
L4325.0	504323.5	5409596.3	85002.50000	223.81	51.89	48.839326	-86.941079	56138.36	56276.7	-26.74	56111.62	56111.35547	56075.15511	56070.98828	504323.5	5409596.3
L4325.0	504323.5	5409596.3	85002.60156	222.31	60.66	48.839326	-86.941079	56139.14	56276.7	-26.74	56112.40	56112.25000	56075.91202	56071.80078	504323.5	5409596.3
L4325.0	504323.5	5409598.1	85002.70313	222.31	61.34	48.839342	-86.941079	56139.57	56276.7	-26.74	56112.83	56112.79297	56076.67692	56072.61719	504323.5	5409598.1
L4325.0	504323.5	5409599.6	85002.79688	223.93	61.34	48.839355	-86.941079	56140.72	56276.7	-26.74	56113.98	56114.05469	56077.37861	56073.37109	504323.5	5409599.6
L4325.0	504323.5	5409601.3	85002.89844	224.38	49.85	48.839370	-86.941079	56141.85	56276.7	-26.74	56115.11	56115.29297	56078.06653	56074.11328	504323.5	5409601.3
L4325.0	504323.5	5409601.3	85003.00000	225.48	49.85	48.839370	-86.941079	56141.66	56276.7	-26.74	56114.92	56115.20703	56078.82748	56074.92578	504323.5	5409601.3

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4325.0	504323.5	5409603.2	85003.10156	226.90	48.89	48.839388	-86.941079	56142.96	56276.7	-26.74	56116.22	56116.61328	56079.47425	56075.62109	504323.5	5409603.2
L4325.0	504323.5	5409604.5	85003.20313	227.95	60.76	48.839399	-86.941079	56143.64	56276.7	-26.73	56116.91	56117.40625	56080.14698	56076.34766	504323.5	5409604.5
L4325.0	504323.5	5409605.6	85003.29688	227.47	60.76	48.839409	-86.941079	56144.57	56276.7	-26.73	56117.84	56118.43359	56080.78912	56077.03906	504323.5	5409605.6
L4325.0	504323.5	5409605.6	85003.39844	226.02	47.23	48.839409	-86.941079	56144.53	56276.7	-26.73	56117.80	56118.49219	56081.48148	56077.78125	504323.5	5409605.6
L4325.0	504323.5	5409607.6	85003.50000	225.11	47.23	48.839427	-86.941079	56145.48	56276.7	-26.72	56118.76	56119.55078	56082.09284	56078.44141	504323.5	5409607.6
L4325.0	504323.5	5409607.6	85003.60156	223.49	49.43	48.839427	-86.941079	56146.32	56276.7	-26.72	56119.60	56120.48438	56082.69802	56079.09375	504323.5	5409607.6
L4325.0	504323.5	5409610.1	85003.70313	221.90	49.43	48.839450	-86.941079	56146.95	56276.7	-26.72	56120.23	56121.20313	56083.30314	56079.74609	504323.5	5409610.1
L4325.0	504323.5	5409611.6	85003.79688	222.58	47.75	48.839463	-86.941079	56148.06	56276.7	-26.72	56121.35	56122.41406	56083.86167	56080.35156	504323.5	5409611.6
L4325.0	504323.5	5409611.6	85003.89844	222.01	47.75	48.839463	-86.941079	56148.39	56276.7	-26.71	56121.68	56122.83203	56084.45908	56080.99219	504323.5	5409611.6
L4325.0	504323.5	5409613.2	85004.00000	220.57	61.41	48.839478	-86.941079	56148.48	56276.7	-26.71	56121.77	56123.00781	56085.05882	56081.64063	504323.5	5409613.2
L4325.0	504323.5	5409614.3	85004.10156	221.88	61.71	48.839488	-86.941079	56150.29	56276.7	-26.71	56123.58	56124.89844	56085.53037	56082.15625	504323.5	5409614.3
L4325.0	504323.5	5409616.1	85004.20313	221.39	61.71	48.839504	-86.941079	56149.79	56276.7	-26.71	56123.08	56124.48047	56086.14252	56082.81250	504323.5	5409616.1
L4325.0	504323.5	5409617.5	85004.29688	222.16	61.27	48.839516	-86.941079	56150.08	56276.7	-26.71	56123.38	56124.85938	56086.68807	56083.39844	504323.5	5409617.5
L4325.0	504323.5	5409617.5	85004.39844	222.54	61.24	48.839516	-86.941079	56151.54	56276.7	-26.71	56124.83	56126.38281	56087.14380	56083.89844	504323.5	5409617.5
L4325.0	504323.5	5409618.9	85004.50000	223.81	61.24	48.839529	-86.941079	56151.86	56276.7	-26.71	56125.16	56126.78906	56087.66119	56084.45703	504323.5	5409618.9
L4325.0	504323.4	5409620.4	85004.60156	225.78	61.25	48.839542	-86.941079	56152.27	56276.7	-26.70	56125.56	56127.25781	56088.16102	56084.99609	504323.4	5409620.4
L4325.0	504323.4	5409621.8	85004.60156	225.78	60.44	48.839555	-86.941079	56152.82	56276.7	-26.70	56126.12	56127.89063	56088.63742	56085.51563	504323.4	5409621.8
L4325.0	504323.4	5409621.8	85004.79688	225.64	60.44	48.839555	-86.941079	56153.23	56276.7	-26.70	56126.53	56128.36719	56089.11117	56086.02734	504323.4	5409621.8
L4325.0	504323.4	5409623.3	85004.89844	226.55	51.77	48.839568	-86.941079	56153.07	56276.7	-26.70	56126.37	56128.26953	56089.61040	56086.56641	504323.4	5409623.3
L4325.0	504323.4	5409625.1	85005.00000	225.28	45.35	48.839585	-86.941080	56154.39	56276.7	-26.70	56127.69	56129.65234	56089.99855	56086.99219	504323.4	5409625.1
L4325.0	504323.4	5409626.3	85005.10156	226.27	45.35	48.839595	-86.941080	56153.81	56276.7	-26.69	56127.12	56129.14453	56090.50041	56087.53125	504323.4	5409626.3
L4325.0	504323.4	5409627.4	85005.20313	226.57	44.14	48.839605	-86.941080	56154.70	56276.7	-26.69	56128.01	56130.08984	56090.89275	56087.96094	504323.4	5409627.4
L4325.0	504323.4	5409628.9	85005.29688	228.15	44.14	48.839619	-86.941080	56154.26	56276.7	-26.68	56127.58	56129.71484	56091.36103	56088.46094	504323.4	5409628.9
L4325.0	504323.4	5409628.9	85005.39844	227.51	46.48	48.839619	-86.941080	56155.48	56276.7	-26.68	56128.80	56130.98828	56091.70735	56088.84375	504323.4	5409628.9
L4325.0	504323.4	5409630.2	85005.50000	228.53	51.65	48.839631	-86.941080	56156.44	56276.7	-26.67	56129.77	56132.01172	56092.05847	56089.23047	504323.4	5409630.2
L4325.0	504323.4	5409631.8	85005.60156	228.36	51.65	48.839645	-86.941080	56156.41	56276.7	-26.66	56129.75	56132.03906	56092.46385	56089.66797	504323.4	5409631.8
L4325.0	504323.3	5409633.1	85005.70313	227.21	46.07	48.839657	-86.941080	56156.64	56276.7	-26.66	56129.98	56132.31641	56092.84091	56090.07813	504323.3	5409633.1
L4325.0	504323.3	5409634.6	85005.79688	227.09	46.07	48.839670	-86.941081	56156.70	56276.7	-26.65	56130.05	56132.42969	56093.21708	56090.48438	504323.3	5409634.6
L4325.0	504323.3	5409636.4	85005.89844	225.51	45.37	48.839686	-86.941081	56156.77	56276.6	-26.65	56130.12	56132.54297	56093.58179	56090.87891	504323.3	5409636.4
L4325.0	504323.3	5409637.2	85006.00000	224.90	45.37	48.839694	-86.941081	56157.40	56276.6	-26.64	56130.76	56133.22266	56093.89714	56091.22656	504323.3	5409637.2
L4325.0	504323.3	5409637.2	85006.10156	224.30	50.99	48.839694	-86.941081	56158.46	56276.6	-26.64	56131.82	56134.32031	56094.17320	56091.53125	504323.3	5409637.2
L4325.0	504323.3	5409638.6	85006.20313	224.53	51.69	48.839707	-86.941081	56157.40	56276.6	-26.63	56130.77	56133.30469	56094.57875	56091.96484	504323.3	5409638.6
L4325.0	504323.3	5409640.0	85006.29688	223.25	52.38	48.839719	-86.941081	56159.37	56276.6	-26.63	56132.74	56135.30859	56094.77185	56092.18359	504323.3	5409640.0
L4325.0	504323.3	5409641.5	85006.39844	222.13	52.38	48.839732	-86.941081	56157.68	56276.6	-26.62	56131.06	56133.65625	56095.19726	56092.63672	504323.3	5409641.5
L4325.0	504323.3	5409642.9	85006.50000	224.07	54.6	48.839745	-86.941081	56158.95	56276.6	-26.62	56132.33	56134.95703	56095.41506	56092.87891	504323.3	5409642.9
L4325.0	504323.3	5409642.9	85006.60156	224.20	54.6	48.839745	-86.941081	56159.34	56276.6	-26.62	56132.73	56135.38281	56095.67998	56093.17188	504323.3	5409642.9
L4325.0	504323.3	5409644.1	85006.60156	224.20	61.07	48.839756	-86.941081	56159.24	56276.6	-26.62	56132.63	56135.30859	56095.96744	56093.48047	504323.3	5409644.1
L4325.0	504323.3	5409645.9	85006.79688	224.25	60.95	48.839772	-86.941081	56160.11	56276.6	-26.61	56133.50	56136.19922	56096.17951	56093.71875	504323.3	5409645.9
L4325.0	504323.3	5409647.2	85006.89844	224.11	60.95	48.839784	-86.941081	56159.12	56276.6	-26.60	56132.52	56135.23828	56096.50425	56094.06250	504323.3	5409647.2
L4325.0	504323.3	5409648.7	85007.00000	225.07	58.98	48.839797	-86.941081	56159.79	56276.6	-26.60	56133.19	56135.92578	56096.70840	56094.28906	504323.3	5409648.7
L4325.0	504323.3	5409650.4	85007.10156	224.00	58.98	48.839812	-86.941081	56160.88	56276.6	-26.60	56134.28	56137.03516	56096.87403	56094.47656	504323.3	5409650.4
L4325.0	504323.3	5409650.4	85007.20313	225.38	58.57	48.839812	-86.941081	56161.07	56276.6	-26.60	56134.47	56137.23828	56097.08919	56094.71094	504323.3	5409650.4
L4325.0	504323.3	5409652.4	85007.29688	223.90	60.12	48.839830	-86.941081	56160.54	56276.6	-26.61	56133.93	56136.71094	56097.34262	56094.98438	504323.3	5409652.4
L4325.0	504323.3	5409654.0	85007.39844	223.82	60.12	48.839845	-86.941081	56161.11	56276.6	-26.61	56134.50	56137.28906	56097.51171	56095.17188	504323.3	5409654.0
L4325.0	504323.3	5409655.7	85007.50000	225.87	60.85	48.839860	-86.941081	56160.74	56276.6	-26.61	56134.13	56136.92578	56097.73318	56095.41016	504323.3	5409655.7
L4325.0	504323.3	5409655.7	85007.60156	227.10	60.11	48.839860	-86.941081	56160.79	56276.6	-26.61	56134.18	56136.98438	56097.91643	56095.61328	504323.3	5409655.7
L4325.0	504323.3	5409657.3	85007.70313	226.96	60.11	48.839875	-86.941081	56161.46	56276.6	-26.61	56134.85	56137.65625	56098.04817	56095.75781	504323.3	5409657.3
L4325.0	504323.3	5409658.9	85007.79688	227.40	60.69	48.839889	-86.941081	56161.45	56276.6	-26.62	56134.84	56137.64844	56098.21513	56095.94141	504323.3	5409658.9
L4325.0	504323.3	5409658.9	85007.89844	226.28	60.69	48.839889	-86.941081	56162.23	56276.6	-26.62	56135.61	56138.41797	56098.32002	56096.06250	504323.3	5409658.9
L4325.0	504323.3	5409660.8	85008.00000	225.10	60.61	48.839906	-86.941081	56160.94	56276.6	-26.62	56134.32	56137.12891	56098.55223	56096.30859	504323.3	5409660.8
L4325.0	504323.3	5409662.1	85008.10156	223.20	60.61	48.839918	-86.941081	56161.72	56276.6	-26.62	56135.10	56137.90234	56098.63648	56096.40625	504323.3	5409662.1
L4325.0	504323.3	5409662.1	85008.20313	222.67	60.1	48.839918	-86.941081	56162.38	56276.6	-26.61	56135.77	56138.56641	56098.71816	56096.50000	504323.3	5409662.1
L4325.0	504323.3	5409665.7	85008.29688	223.57	60.1	48.839950	-86.941080	56161.56	56276.6	-26.61	56134.95	56137.74219	56098.88930	56096.67969	504323.3	5409665.7
L4325.0	504323.3	5409665.7	85008.39844	225.94	61.04	48.839950	-86.941080	56162.02	56276.6	-26.60	56135.42	56138.20313	56098.96463	56096.76563	504323.3	5409665.7
L4325.0	504323.3	5409667.4	85008.50000	227.03	61.04	48.839965	-86.941080	56162.01	56276.6	-26.60	56135.41	56138.17969	56099.06218	56096.87500	504323.3	5409667.4
L4325.0	504323.3	5409669.0	85008.60156	224.68	60.94	48.839980	-86.941080	56161.36	56276.6	-26.60	56134.77	56137.52734	56099.19202	56097.01563	504323.3	5409669.0
L4325.0	504323.3	5409669.0	85008.60156	224.68	60.94	48.839980	-86.941080	56161.59	56276.6	-26.60	56135.00	56137.74609	56099.25417	56097.08594	504323.3	5409669.0
L4325.0	504323.3	5409670.8	85008.79688	225.47	60.78	48.839996	-86.941081	56160.79	56276.6	-26.59	56134.20	56136.92969	56099.37536	56097.21484	504323.3	5409670.8
L4325.0	504323.3	5409672.2	85008.89844	225.19	61.25	48.840008	-86.941081	56161.88	56276.6	-26.58	56135.30	56138.01172	56099.36028	56097.20703	504323.3	5409672.2
L4325.0	504323.3	5409672.2	85009.00000	224.69	61.25	48.840008	-86.941081	56160.96	56276.6	-26.58	56134.38	56137.07422	56099.47032	56097.32031	504323.3	5409672.2
L4325.0	504323.3	5409674.1	85009.10156	224.73	60.97	48.840025	-86.941081	56162.21	56276.6	-26.58	56135.64	56138.31250	56099.42552	56097.28125	504323.3	5409674.1
L4325.0	504323.3	5409675.8	85009.20313	224.79	60.97	48.840041	-86.941081	56160.88	56276.6	-26.58	56134.31	56136.96094	56099.54391	56097.40625	504323.3	5409675.8
L4325.0	504323.3	5409675.8	85009.29688	224.04	60.89	48.840041	-86.941081	56161.61	56276.6	-26.57	56135.03	56137.65625	56099.51620	56097.38281	504323.3	5409675.8
L4325.0	504323.3	5409677.5	85009.39844	223.73	60.89	48.840056	-86.941081	56161.62	56276.6	-26.57	56135.05	56137.65234	56099.52577	56097.39453	504323.3	5409677.5
L4325.0	504323.3	5409679.4	85009.50000	225.63	49.57	48.840073	-86.941081	56161.53	56276.6	-26.57	56134.96	56137.53516	56099.53332	56097.40625	504323.3	5409679.4
L4325.0	504323.3	5409679.4	85009.60156	223.86	49.57	48.840073	-86.941081	56162.13	56276.6	-26.57	56135.56	56138.10547	56099.48555	56097.36328	504323.3	5409679.4
L4325.0	504323.3	5409680.8	85009.70313	222.17	50.2	48.840086	-86.941081	56160.48	56276.6	-26.57	56133.92	56136.43750	56099.57784	56097.45703	504323.3	5409680.8
L4325.0	504323.3	5409682.5	85009.79688	221.94	60.89	48.840101	-86.941081	56160.41	56276.6	-26.56	56133.85	56136.33594	56099.55622	56097.43359	504323.3	5409682.5
L4325.0	504323.3	5409684.0	85009.89844	221.60	60.89	48.840114	-86.941081	56161.14	56276.6	-26.56	56134.58	56137.03516	56099.47206	56097.35156	504323.3	5409684.0
L4325.0	504323.3	5409684.0	85010.00000	221.46	61.07	48.840114	-86.941081	56160.87	56276.6	-26.56	56134.31	56136.73047	56099.44541	56097.32422	504323.3	5409684.0
L4325.0	504323.3	5409685.9	85010.10156	222.40	61.07	48.840131	-86.941081	56161.10	56276.6	-26.56	56134.54	56136.92578	56099.37629	56097.25391	504323.3	5409685.9
L4325.0	504323.3	5409687.6	85010.20313	222.78	60.8	48.840147	-86.941081	56160.18	56276.6	-26.56	56133.63	56135.98047	56099.37408	56097.25000	504323.3	5409687.6
L4325.0	504323.3	5409687.6	85010.29688	223.98	54.37	48.840147	-86.941081	56160.14	56276.6	-26.56	56133.58	56135.89453	56099.30549	56097.17969	504323.3	5409687.6
L4325.0	504323.3	5409688.9	85010.39844	222.19	54.37	48.840159	-86.941081	56160.45	56276.6	-26.56	56133.89	56136.16406	56099.20388	56097.07422	504323.3	5409688.9
L4325.0	504323.3	5409690.7	85010.50000	225.87	49.87	48.840175	-86.941081	56159.95	56276.6	-26.56	56133.40	56135.63672	56099.14663	56097.01563	504323.3	5409690.7
L4325.0	504323.3	5409692.1	85010.60156	226.62	49.87	48.840188	-86.941081	56160.14	56276.6	-26.55	56133.58	56135.77344	56099.03578	56096.90234	504323.3	5409692.1
L4325.0	504323.2	5409693.8	85010.60156	226.62	58.1	48.840203	-86.941081	56159.20	56276.6	-26.55	56132.65	56134.80469	56098.99004	56096.85156	504323.2	5409693.8
L4325.0	504323.2	5409693.8	85010.79688	229.15	60.51	48.840203	-86.941081	56158.51	56276.6	-26.55	56131.96	56134.07031	56098.91945	56096.77344	504323.2	5409693.8
L4325.0	504323.2	5409695.6	85010.89844	228.50	60.51	48.840219	-86.941081	56159.22	56276.6	-26.55	56132.67	56134.73438	56098.74672	56096.59766	504323.2	5409695.6
L4325.0	504323.2	5409695.6	85011.00000	228.35	56.89	48.840219	-86.941081	56159.28	56276.6	-26.55	56132.73	56134.75000	56098.60856	56096.45313	504323.2	5409695.6
L4325.0	504323.2	5409697.1	85011.10156	226.94	56.89	48.840233	-86.941081	56157.88	56276.6	-26.55	56131.33	56133.30469	56098.55901	56096.39844	504323.2	5409697.1
L4325.0	504323.2	5409698.6	85011.20313	225.59	51.01	48.840246	-86.941082	56158.23	56276.6	-26.55	56131.68	56133.60938	56098.38412	56096.21484	504323.2	5409698.6
L4325.0	504323.2	5409700.3	85011.29688	224.19	51.01	48.840261	-86.941082	56157.45	56276.6	-26.55	56130.90	56132.78125	56098.27594	56096.09766	504323.2	5409700.3
L4325.0	504323.2	5409700.3	85011.39844	224.52	49.11	48.840261	-86.941082	56158.04	56276.6	-26.55	56131.49	56133.32031	56098.06785	56095.88281	504323.2	5409700.3
L4325.0	504323.2	5409702.2	85011.50000	225.85	49.11	48.840278	-86.941082	56156.54	56276.6	-26.55	56129.99	56131.77344	56097.99056	56095.79688	504323.2	5409702.2
L4325.0	504323.1	5409703.9	85011.60156	225.30	50.53	48.840293	-86.941082	56155.33	56276.6	-26.55	56128.78	56130.51172	56097.88545	56095.68359	504323.1	5409703.9
L4325.0	504323.1	5409703.9	85011.70313	225.83	45.89	48.840293	-86.941082	56156.64	56276.6	-26.55	56130.09	56131.76953	56097.60392	56095.39453	504323.1	5409703.9
L4325.0	504323.1	5409705.7	85011.79688	227.52	45.89	48.840310	-86.941083	56155.45	56276.6	-26.55	56128.89	56130.51953	56097.48134	56095.26172	504323.1	5409705.7
L4325.0	504323.1	5409707.1	85011.89844	226.84	50.75	48.840322	-86.941083	56155.56	56276.6	-26.55	56129.01	56130.58594	56097.26244	56095.03125	504323.1	5409707.1
L4325.0	504323.1	5409707.1	85012.00000	228.10	54.02	48.840322	-86.941083	56155.36	56276.6	-26.55	56128.81	56130.33203	56097.05661	56094.81641	504323.1	5409707.1
L4325.0	504323.1	5409709.0	85012.10156	227.76	54.02	48.840339	-86.941083	56154.92	56276.6	-26.55	56128.37	56129.83594	56096.85856	56094.60547	504323.1	5409709.0
L4325.0	504323.0	5409710.4	85012.20313	226.85	57.99	48.840352	-86.941084	56154.06	56276.6	-26.55	56127.51	56128.92188	56096.68036	56094.41406	504323.0	5409710.4
L4325.0	504323.0	5409712.1	85012.29688	226.12	57.99	48.840367	-86.941084	56153.48	56276.6	-26.55	56126.92	56128.27734	56096.47606	56094.19922	504323.0	5409712.1

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4325.0	504323.0	5409712.1	85012.39844	225.51	58.69	48.840367	-86.941084	56153.61	56276.6	-26.55	56127.05	56128.35156	56096.21571	56093.92578	504323.0	5409712.1
L4325.0	504323.0	5409713.7	85012.50000	226.34	60.38	48.840381	-86.941084	56152.95	56276.6	-26.56	56126.40	56127.64453	56095.99940	56093.69922	504323.0	5409713.7
L4325.0	504323.0	5409715.5	85012.60156	224.93	60.38	48.840398	-86.941085	56151.84	56276.6	-26.56	56125.28	56126.46484	56095.80649	56093.49219	504323.0	5409715.5
L4325.0	504323.0	5409715.5	85012.60156	224.93	60.62	48.840398	-86.941085	56152.08	56276.6	-26.56	56125.52	56126.64844	56095.51508	56093.18750	504323.0	5409715.5
L4325.0	504323.0	5409717.2	85012.79688	226.57	56.29	48.840413	-86.941085	56151.13	56276.6	-26.56	56124.57	56125.64063	56095.29521	56092.95313	504323.0	5409717.2
L4325.0	504322.9	5409718.9	85012.89844	224.30	56.29	48.840428	-86.941085	56150.81	56276.6	-26.56	56124.25	56125.26172	56095.02562	56092.67188	504322.9	5409718.9
L4325.0	504322.9	5409718.9	85013.00000	224.56	56.98	48.840428	-86.941085	56150.59	56276.6	-26.56	56124.03	56124.98047	56094.74172	56092.37109	504322.9	5409718.9
L4325.0	504322.9	5409720.8	85013.10156	225.95	56.98	48.840446	-86.941085	56150.04	56276.6	-26.55	56123.49	56124.38281	56094.47157	56092.08594	504322.9	5409720.8
L4325.0	504322.9	5409722.5	85013.20313	227.47	55.53	48.840461	-86.941085	56149.73	56276.5	-26.55	56123.18	56124.01172	56094.17859	56091.78125	504322.9	5409722.5
L4325.0	504322.9	5409722.5	85013.29688	227.61	57.03	48.840461	-86.941085	56147.86	56276.5	-26.54	56121.32	56122.08984	56093.98152	56091.56641	504322.9	5409722.5
L4325.0	504322.9	5409724.0	85013.39844	229.10	57.03	48.840474	-86.941085	56147.41	56276.5	-26.53	56120.88	56121.58984	56093.68244	56091.25391	504322.9	5409724.0
L4325.0	504322.9	5409725.4	85013.50000	230.61	48.49	48.840487	-86.941086	56147.43	56276.5	-26.52	56120.90	56121.55078	56093.34543	56090.89844	504322.9	5409725.4
L4325.0	504322.9	5409727.1	85013.60156	229.86	48.49	48.840502	-86.941086	56146.73	56276.5	-26.52	56120.21	56120.79688	56093.04857	56090.58594	504322.9	5409727.1
L4325.0	504322.9	5409727.1	85013.70313	228.43	48.56	48.840502	-86.941086	56146.12	56276.5	-26.51	56119.61	56120.13672	56092.73862	56090.26172	504322.9	5409727.1
L4325.0	504322.9	5409728.6	85013.79688	229.42	48.56	48.840515	-86.941086	56145.87	56276.5	-26.50	56119.36	56119.82422	56092.39834	56089.90625	504322.9	5409728.6
L4325.0	504322.9	5409730.2	85013.89844	229.57	52.66	48.840531	-86.941086	56145.74	56276.5	-26.50	56119.24	56119.64063	56092.04249	56089.53125	504322.9	5409730.2
L4325.0	504322.9	5409730.2	85014.00000	229.81	52.18	48.840531	-86.941086	56144.42	56276.5	-26.49	56117.93	56118.26953	56091.75917	56089.23438	504322.9	5409730.2
L4325.0	504322.9	5409731.8	85014.10156	232.24	52.18	48.840545	-86.941086	56143.16	56276.5	-26.49	56116.67	56116.94922	56091.46581	56088.92188	504322.9	5409731.8
L4325.0	504322.9	5409733.5	85014.20313	233.60	52.18	48.840559	-86.941086	56143.04	56276.5	-26.49	56116.54	56116.75391	56091.09053	56088.53125	504322.9	5409733.5
L4325.0	504322.9	5409734.8	85014.29688	233.14	59.49	48.840571	-86.941086	56142.07	56276.5	-26.49	56115.57	56115.72266	56090.76477	56088.18750	504322.9	5409734.8
L4325.0	504322.9	5409736.0	85014.39844	231.56	60.39	48.840582	-86.941086	56141.60	56276.5	-26.49	56115.10	56115.19141	56090.39931	56087.80469	504322.9	5409736.0
L4325.0	504322.9	5409737.4	85014.50000	230.85	60.39	48.840595	-86.941086	56141.23	56276.5	-26.50	56114.74	56114.76563	56090.02028	56087.41016	504322.9	5409737.4
L4325.0	504322.9	5409737.4	85014.60156	231.40	53.36	48.840595	-86.941086	56139.78	56276.5	-26.50	56113.28	56113.24609	56089.70846	56087.07813	504322.9	5409737.4
L4325.0	504322.9	5409739.1	85014.60156	231.40	53.36	48.840610	-86.941086	56139.39	56276.5	-26.50	56112.89	56112.79297	56089.31933	56086.67188	504322.9	5409739.1
L4325.0	504322.9	5409740.6	85014.79688	228.79	59.83	48.840624	-86.941086	56138.60	56276.5	-26.50	56112.10	56111.94141	56088.95103	56086.28516	504322.9	5409740.6
L4325.0	504322.9	5409740.6	85014.89844	226.44	59.83	48.840624	-86.941086	56137.19	56276.5	-26.50	56110.69	56110.46875	56088.61836	56085.93750	504322.9	5409740.6
L4325.0	504322.9	5409742.5	85015.00000	226.15	60.63	48.840641	-86.941086	56137.88	56276.5	-26.50	56111.38	56111.09375	56088.14016	56085.44141	504322.9	5409742.5
L4325.0	504322.9	5409744.2	85015.10156	226.56	60.63	48.840656	-86.941086	56135.47	56276.5	-26.50	56108.97	56108.62109	56087.86323	56085.14844	504322.9	5409744.2
L4325.0	504322.8	5409745.6	85015.20313	225.65	60.63	48.840669	-86.941086	56135.11	56276.5	-26.50	56108.61	56108.19922	56087.44442	56084.71094	504322.8	5409745.6
L4325.0	504322.8	5409745.6	85015.29688	223.73	60.72	48.840669	-86.941086	56133.66	56276.5	-26.49	56107.16	56106.68750	56087.09324	56084.33984	504322.8	5409745.6
L4325.0	504322.8	5409748.3	85015.39844	223.14	60.72	48.840693	-86.941086	56134.06	56276.5	-26.49	56107.56	56107.02734	56086.61385	56083.84375	504322.8	5409748.3
L4325.0	504322.8	5409748.3	85015.50000	223.24	60.6	48.840693	-86.941086	56132.48	56276.5	-26.49	56105.99	56105.39844	56086.26113	56083.47266	504322.8	5409748.3
L4325.0	504322.8	5409750.1	85015.60156	223.46	60.6	48.840709	-86.941086	56131.20	56276.5	-26.49	56104.71	56104.05469	56085.88460	56083.08203	504322.8	5409750.1
L4325.0	504322.8	5409751.8	85015.70313	222.82	59.9	48.840725	-86.941086	56131.90	56276.5	-26.49	56105.42	56104.70313	56085.37114	56082.55078	504322.8	5409751.8
L4325.0	504322.8	5409751.8	85015.79688	223.04	59.9	48.840725	-86.941086	56129.66	56276.5	-26.48	56103.17	56102.39453	56085.05096	56082.21094	504322.8	5409751.8
L4325.0	504322.8	5409753.5	85015.89844	224.18	59.89	48.840740	-86.941086	56128.66	56276.5	-26.48	56102.18	56101.34375	56084.64295	56081.78516	504322.8	5409753.5
L4325.0	504322.8	5409754.9	85016.00000	223.87	59.89	48.840752	-86.941086	56128.54	56276.5	-26.48	56102.06	56101.16406	56084.17334	56081.30078	504322.8	5409754.9
L4325.0	504322.8	5409756.8	85016.10156	223.76	59.73	48.840770	-86.941086	56127.37	56276.5	-26.48	56100.89	56099.93750	56083.77039	56080.87891	504322.8	5409756.8
L4325.0	504322.8	5409758.0	85016.20313	224.02	59.73	48.840780	-86.941086	56126.44	56276.5	-26.48	56099.96	56098.94922	56083.34835	56080.44141	504322.8	5409758.0
L4325.0	504322.8	5409758.0	85016.29688	224.30	50.36	48.840780	-86.941086	56125.38	56276.5	-26.48	56098.89	56097.82031	56082.93281	56080.00781	504322.8	5409758.0
L4325.0	504322.8	5409759.7	85016.39844	225.42	50.36	48.840796	-86.941086	56122.92	56276.5	-26.48	56096.44	56095.31250	56082.60671	56079.66797	504322.8	5409759.7
L4325.0	504322.8	5409761.2	85016.50000	225.99	49.15	48.840809	-86.941086	56122.14	56276.5	-26.48	56095.66	56094.47656	56082.16702	56079.21094	504322.8	5409761.2
L4325.0	504322.8	5409761.2	85016.60156	222.38	53.61	48.840809	-86.941086	56121.56	56276.5	-26.48	56095.07	56093.82813	56081.71268	56078.73828	504322.8	5409761.2
L4325.0	504322.8	5409762.8	85016.60156	222.38	53.61	48.840824	-86.941086	56121.81	56276.5	-26.48	56095.33	56094.03516	56081.20002	56078.21094	504322.8	5409762.8
L4325.0	504322.8	5409764.0	85016.79688	223.38	51.96	48.840835	-86.941086	56119.89	56276.5	-26.48	56093.41	56092.05859	56080.83134	56077.82813	504322.8	5409764.0
L4325.0	504322.8	5409765.7	85016.89844	222.37	51.96	48.840850	-86.941086	56117.69	56276.5	-26.48	56091.21	56089.80469	56080.48031	56077.46094	504322.8	5409765.7
L4325.0	504322.8	5409765.7	85017.00000	220.77	57.37	48.840850	-86.941086	56117.82	56276.5	-26.48	56091.34	56089.87891	56079.97326	56076.93750	504322.8	5409765.7
L4325.0	504322.8	5409766.9	85017.10156	222.67	59.58	48.840861	-86.941086	56115.70	56276.5	-26.48	56089.21	56087.69922	56079.61654	56076.56641	504322.8	5409766.9
L4325.0	504322.9	5409768.5	85017.20313	222.56	59.58	48.840875	-86.941086	56115.89	56276.5	-26.48	56089.40	56087.83594	56079.10518	56076.03906	504322.9	5409768.5
L4325.0	504322.9	5409769.5	85017.29688	220.45	60	48.840883	-86.941086	56113.56	56276.5	-26.48	56087.08	56085.46484	56078.76155	56075.68359	504322.9	5409769.5
L4325.0	504322.8	5409770.8	85017.39844	221.94	58.35	48.840896	-86.941086	56112.13	56276.5	-26.48	56085.64	56083.97266	56078.36002	56075.26563	504322.8	5409770.8
L4325.0	504322.9	5409772.3	85017.50000	222.25	58.35	48.840909	-86.941086	56111.32	56276.5	-26.49	56084.83	56083.11328	56077.91764	56074.81250	504322.9	5409772.3
L4325.0	504322.9	5409773.7	85017.70313	221.37	59.37	48.840922	-86.941086	56109.27	56276.5	-26.49	56082.78	56081.01563	56077.55949	56074.44141	504322.9	5409773.7
L4325.0	504322.9	5409775.1	85017.79688	220.41	59.37	48.840934	-86.941085	56107.97	56276.5	-26.49	56081.49	56079.67578	56077.15261	56074.01953	504322.9	5409775.1
L4325.0	504322.9	5409776.6	85017.89844	220.42	57.84	48.840948	-86.941085	56106.43	56276.5	-26.49	56079.95	56078.08984	56076.76477	56073.62109	504322.9	5409776.6
L4325.0	504322.9	5409778.3	85018.00000	221.87	58.98	48.840963	-86.941085	56105.49	56276.5	-26.49	56079.00	56077.09375	56076.34037	56073.18359	504322.9	5409778.3
L4325.0	504322.9	5409778.3	85018.10156	222.94	58.98	48.840963	-86.941085	56103.90	56276.5	-26.49	56077.41	56075.45703	56075.96184	56072.79297	504322.9	5409778.3
L4325.0	504322.9	5409780.0	85018.20313	223.31	51.31	48.840979	-86.941085	56103.02	56276.5	-26.49	56076.53	56074.53516	56075.53962	56072.35938	504322.9	5409780.0
L4325.0	504322.9	5409781.5	85018.29688	223.03	51.31	48.840992	-86.941084	56102.48	56276.5	-26.50	56075.98	56073.94141	56075.09945	56071.90625	504322.9	5409781.5
L4325.0	504323.0	5409782.9	85018.39844	226.01	55.93	48.841004	-86.941084	56100.16	56276.5	-26.50	56073.66	56071.57813	56074.78180	56071.57813	504323.0	5409782.9
L4325.0	504323.0	5409784.4	85018.50000	226.00	59.51	48.841018	-86.941084	56099.35	56276.5	-26.50	56072.85	56070.72656	56074.36843	56071.15625	504323.0	5409784.4
L4325.0	504323.0	5409785.8	85018.60156	226.55	59.51	48.841031	-86.941083	56098.16	56276.5	-26.50	56071.66	56069.49609	56073.98579	56070.76172	504323.0	5409785.8
L4325.0	504323.0	5409785.8	85018.60156	226.55	59.43	48.841031	-86.941083	56096.46	56276.5	-26.50	56069.96	56067.75781	56073.64300	56070.41016	504323.0	5409785.8
L4325.0	504323.0	5409787.2	85018.79688	225.41	59.43	48.841043	-86.941083	56095.76	56276.5	-26.51	56069.25	56067.01172	56073.24051	56070.00000	504323.0	5409787.2
L4325.0	504323.0	5409788.7	85018.89844	222.70	58.8	48.841057	-86.941083	56093.76	56276.5	-26.51	56067.25	56064.97266	56072.93078	56069.68359	504323.0	5409788.7
L4325.0	504323.1	5409790.2	85019.00000	223.35	59.46	48.841069	-86.941083	56092.77	56276.5	-26.51	56066.26	56063.94922	56072.56092	56069.30469	504323.1	5409790.2
L4325.0	504323.1	5409790.2	85019.10156	222.49	59.46	48.841069	-86.941083	56091.48	56276.5	-26.51	56064.97	56062.62500	56072.21874	56068.95313	504323.1	5409790.2
L4325.0	504323.1	5409791.9	85019.20313	222.76	59.04	48.841085	-86.941082	56089.48	56276.5	-26.51	56062.97	56060.58984	56071.93202	56068.66016	504323.1	5409791.9
L4325.0	504323.1	5409793.3	85019.29688	222.89	59.11	48.841098	-86.941082	56089.59	56276.5	-26.51	56063.08	56060.66797	56071.51321	56068.23828	504323.1	5409793.3
L4325.0	504323.1	5409794.7	85019.39844	223.11	57.97	48.841110	-86.941082	56087.96	56276.5	-26.51	56061.46	56059.01953	56071.21878	56067.93750	504323.1	5409794.7
L4325.0	504323.1	5409796.1	85019.50000	222.52	57.97	48.841123	-86.941081	56087.20	56276.5	-26.51	56060.70	56058.22656	56070.87651	56067.58984	504323.1	5409796.1
L4325.0	504323.1	5409796.1	85019.60156	221.92	57.42	48.841123	-86.941081	56085.99	56276.5	-26.50	56059.49	56056.99219	56070.57418	56067.28125	504323.1	5409796.1
L4325.0	504323.2	5409797.7	85019.70313	221.19	57.42	48.841137	-86.941081	56085.54	56276.5	-26.50	56059.04	56056.51172	56070.23157	56066.93359	504323.2	5409797.7
L4325.0	504323.2	5409799.1	85019.79688	220.91	43.91	48.841150	-86.941081	56083.46	56276.5	-26.50	56056.96	56054.40625	56070.00847	56066.70703	504323.2	5409799.1
L4325.0	504323.2	5409800.8	85019.89844	221.65	43.91	48.841165	-86.941080	56082.12	56276.5	-26.50	56055.62	56053.04297	56069.74732	56066.44531	504323.2	5409800.8
L4325.0	504323.2	5409801.9	85020.00000	224.82	46.16	48.841175	-86.941080	56080.96	56276.5	-26.50	56054.46	56051.85938	56069.48587	56066.17969	504323.2	5409801.9
L4325.0	504323.2	5409801.9	85020.10156	224.59	44.91	48.841175	-86.941080	56079.59	56276.5	-26.50	56053.10	56050.48047	56069.24990	56065.94531	504323.2	5409801.9
L4325.0	504323.2	5409803.3	85020.20313	222.41	44.91	48.841188	-86.941080	56079.72	56276.5	-26.49	56053.22	56050.57813	56068.92783	56065.62109	504323.2	5409803.3
L4325.0	504323.2	5409805.0	85020.29688	226.12	43.26	48.841203	-86.941080	56077.54	56276.5	-26.49	56051.05	56048.39063	56068.77141	56065.46484	504323.2	5409805.0
L4325.0	504323.2	5409805.0	85020.39844	227.30	43.77	48.841203	-86.941080	56076.43	56276.5	-26.49	56049.94	56047.26172	56068.55770	56065.25000	504323.2	5409805.0
L4325.0	504323.3	5409807.8	85020.50000	225.46	43.77	48.841228	-86.941080	56075.73	56276.5	-26.49	56049.24	56046.54688	56068.33045	56065.02344	504323.3	5409807.8
L4325.0	504323.3	5409807.8	85020.60156	226.70	45.86	48.841228	-86.941080	56075.88	56276.5	-26.48	56049.39	56046.68359	56068.06070	56064.75391	504323.3	5409807.8
L4325.0	504323.3	5409809.4	85020.60156	226.70	46.59	48.841243	-86.941080	56073.61	56276.5	-26.48	56047.12	56044.39844	56067.96684	56064.66406	504323.3	5409809.4
L4325.0	504323.3	5409809.4	85020.79688	227.98	46.59	48.841243	-86.941080	56073.19	56276.5	-26.48	56046.71	56043.97656	56067.76389	56064.46484	504323.3	5409809.4
L4325.0	504323.3	5409811.4	85020.89844	229.82	58.13	48.841260	-86.941080	56072.59	56276.5	-26.47	56046.11	56043.36719	56067.58889	56064.29297	504323.3	5409811.4
L4325.0	504323.3	5409814.2	85021.00000	229.62	58.13	48.841286	-86.941080	56073.02	56276.5	-26.47	56046.55	56043.79688	56067.36017	56064.06641	504323.3	5409814.2
L4325.0	504323.3	5409814.2	85021.10156	231.10	52.15	48.841286	-86.941080	56070.69	56276.5	-26.47	56044.22	56041.46094	56067.33206	56064.04297	504323.3	5409814.2
L4325.0	504323.3	5409815.4	85021.20313	230.27	52.15	48.841297	-86.941080	56069.70	56276.5	-26.47	56043.23	56040.46484	56067.23087	56063.94922	504323.3	5409815.4
L4325.0	504323.3	5409817.1	85021.29688	230.44	50.61	48.841312	-86.941080	56070.36	56276.5	-26.47	56043.89	56041.12109	56067.03625	56063.76172	504323.3	5409817.1
L4325.0	504323.3	5409817.1	85021.39844	232.49	57.14	48.841312	-86.941080	56068.41	56276.5	-26.47	56041.94	56039.16406	56067.03247	56063.76563	504323.3	5409817.1
L4325.0	504323.3	5409818.5	85021.50000	231.76	57.14	48.841325	-86.941080	56069.07	56276.5	-26.48	56042.59	56039.81250	56066.87247	56063.61328	504323.3	5409818.5
L4325.0	504323.3	5409820.3	85021.60156	232.02	58.54	48.841340	-86.941080	56067.70	56276.5	-26.48	56041.23	56038.45313	56066.86384	56063.61328	504323.3	5409820.3
L4325.0	504323.3	5409820.3	85021.70313	231.69	58.47	48.841340	-86.941080	56067.84	56276.5	-26.48	56041.36	56038.58203	56066.77347	56063.53125	504323.3	5409820.3

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4325.0	504323.3	5409822.0	85021.79688	230.56	58.47	48.841356	-86.941080	56067.88	56276.5	-26.48	56041.40	56038.62109	56066.70692	56063.47266	504323.3	5409822.0
L4325.0	504323.3	5409823.4	85021.89844	229.40	45.57	48.841369	-86.941080	56066.90	56276.5	-26.48	56040.42	56037.64453	56066.72638	56063.50391	504323.3	5409823.4
L4325.0	504323.3	5409824.9	85022.00000	228.43	49	48.841382	-86.941080	56066.92	56276.5	-26.48	56040.44	56037.66797	56066.69736	56063.48438	504323.3	5409824.9
L4325.0	504323.3	5409826.1	85022.10156	228.06	49	48.841393	-86.941079	56066.44	56276.5	-26.48	56039.96	56037.19141	56066.72004	56063.51953	504323.3	5409826.1
L4325.0	504323.3	5409827.4	85022.20313	228.50	53.25	48.841404	-86.941079	56066.82	56276.5	-26.49	56040.33	56037.56641	56066.70454	56063.51953	504323.3	5409827.4
L4325.0	504323.3	5409829.0	85022.29688	230.06	53.25	48.841419	-86.941079	56066.59	56276.5	-26.49	56040.10	56037.34375	56066.74765	56063.57422	504323.3	5409829.0
L4325.0	504323.3	5409829.0	85022.39844	230.70	49.49	48.841419	-86.941079	56066.90	56276.5	-26.49	56040.41	56037.66016	56066.77347	56063.61328	504323.3	5409829.0
L4325.0	504323.3	5409830.4	85022.50000	230.50	47.29	48.841432	-86.941079	56066.82	56276.5	-26.50	56040.32	56037.57813	56066.84475	56063.69922	504323.3	5409830.4
L4325.0	504323.3	5409831.9	85022.60156	230.42	47.29	48.841445	-86.941079	56065.54	56276.5	-26.50	56039.04	56036.30469	56067.01420	56063.88281	504323.3	5409831.9
L4325.0	504323.3	5409833.4	85022.60156	230.42	57.91	48.841458	-86.941079	56066.46	56276.5	-26.50	56039.96	56037.23438	56067.05586	56063.94141	504323.3	5409833.4
L4325.0	504323.3	5409834.8	85022.79688	230.92	57.91	48.841471	-86.941079	56067.61	56276.5	-26.50	56041.10	56038.38281	56067.10174	56064.00391	504323.3	5409834.8
L4325.0	504323.3	5409834.8	85022.89844	231.64	57.91	48.841471	-86.941079	56066.89	56276.5	-26.51	56040.38	56037.67188	56067.29049	56064.20703	504323.3	5409834.8
L4325.0	504323.3	5409836.4	85023.00000	228.88	57.99	48.841486	-86.941079	56067.70	56276.5	-26.51	56041.19	56038.49219	56067.39607	56064.33203	504323.3	5409836.4
L4325.0	504323.3	5409837.6	85023.10156	227.77	44.58	48.841496	-86.941078	56068.56	56276.5	-26.51	56042.05	56039.36328	56067.51710	56064.46875	504323.3	5409837.6
L4325.0	504323.3	5409837.6	85023.20313	225.58	44.7	48.841496	-86.941078	56068.16	56276.5	-26.52	56041.65	56038.97266	56067.74081	56064.71094	504323.3	5409837.6
L4325.0	504323.3	5409839.6	85023.29688	225.29	44.7	48.841514	-86.941078	56068.01	56276.5	-26.52	56041.49	56038.82422	56067.96710	56064.95703	504323.3	5409839.6
L4325.0	504323.3	5409841.0	85023.39844	223.61	49.71	48.841527	-86.941078	56069.75	56276.5	-26.53	56043.22	56040.56641	56068.08582	56065.09375	504323.3	5409841.0
L4325.0	504323.3	5409842.4	85023.50000	223.08	49.71	48.841539	-86.941078	56069.93	56276.5	-26.53	56043.40	56040.75391	56068.32614	56065.35156	504323.3	5409842.4
L4325.0	504323.3	5409842.4	85023.60156	224.18	50.07	48.841539	-86.941078	56070.43	56276.5	-26.53	56043.90	56041.26563	56068.56322	56065.60938	504323.3	5409842.4
L4325.0	504323.3	5409844.1	85023.70313	224.59	50.07	48.841555	-86.941078	56071.50	56276.5	-26.54	56044.96	56042.33594	56068.78081	56065.84766	504323.3	5409844.1
L4325.0	504323.3	5409845.3	85023.79688	223.41	43.46	48.841566	-86.941079	56072.89	56276.5	-26.54	56046.35	56043.73438	56068.99402	56066.07813	504323.3	5409845.3
L4325.0	504323.3	5409847.4	85023.89844	224.04	39.53	48.841584	-86.941079	56072.84	56276.5	-26.55	56046.29	56043.68359	56069.32122	56066.42578	504323.3	5409847.4
L4325.0	504323.3	5409848.6	85024.00000	223.55	39.53	48.841595	-86.941079	56073.50	56276.6	-26.55	56046.95	56044.35156	56069.61744	56066.74609	504323.3	5409848.6
L4325.0	504323.3	5409850.0	85024.10156	223.21	41.96	48.841608	-86.941079	56075.06	56276.6	-26.55	56048.51	56045.91797	56069.87034	56067.01953	504323.3	5409850.0
L4325.0	504323.3	5409850.0	85024.20313	223.79	55.52	48.841608	-86.941079	56075.24	56276.6	-26.55	56048.69	56046.10547	56070.23154	56067.40234	504323.3	5409850.0
L4325.0	504323.3	5409851.4	85024.29688	224.75	55.52	48.841620	-86.941079	56076.18	56276.6	-26.55	56049.63	56047.05078	56070.55798	56067.75000	504323.3	5409851.4
L4325.0	504323.3	5409851.4	85024.39844	226.30	51.43	48.841620	-86.941079	56077.88	56276.6	-26.55	56051.32	56048.74609	56070.84988	56068.06250	504323.3	5409851.4
L4325.0	504323.3	5409854.1	85024.50000	227.98	51.43	48.841645	-86.941079	56078.74	56276.6	-26.55	56052.19	56049.61719	56071.21145	56068.44531	504323.3	5409854.1
L4325.0	504323.3	5409854.1	85024.60156	229.08	53.49	48.841645	-86.941079	56079.74	56276.6	-26.55	56053.19	56050.61719	56071.57884	56068.83203	504323.3	5409854.1
L4325.0	504323.3	5409856.0	85024.60156	229.08	48.71	48.841662	-86.941079	56079.77	56276.6	-26.55	56053.22	56050.64844	56072.02484	56069.30078	504323.3	5409856.0
L4325.0	504323.2	5409857.4	85024.79688	228.21	48.71	48.841675	-86.941079	56082.56	56276.6	-26.55	56056.00	56053.42578	56072.30090	56069.59766	504323.2	5409857.4
L4325.0	504323.2	5409858.7	85024.89844	227.44	48.71	48.841687	-86.941080	56083.08	56276.6	-26.55	56056.53	56053.95313	56072.73975	56070.05859	504323.2	5409858.7
L4325.0	504323.2	5409858.7	85025.00000	227.43	44.7	48.841687	-86.941080	56083.89	56276.6	-26.55	56057.34	56054.75781	56073.17208	56070.51172	504323.2	5409858.7
L4325.0	504323.2	5409860.1	85025.10156	225.43	55.06	48.841699	-86.941080	56085.87	56276.6	-26.55	56059.32	56056.72656	56073.53790	56070.89844	504323.2	5409860.1
L4325.0	504323.2	5409861.7	85025.20313	225.67	55.06	48.841713	-86.941080	56087.46	56276.6	-26.55	56060.91	56058.30859	56073.94053	56071.32031	504323.2	5409861.7
L4325.0	504323.2	5409861.7	85025.29688	226.15	49.57	48.841713	-86.941080	56088.98	56276.6	-26.55	56062.42	56059.80469	56074.35859	56071.75781	504323.2	5409861.7
L4325.0	504323.2	5409863.4	85025.39844	226.86	51.42	48.841728	-86.941080	56089.53	56276.6	-26.55	56062.97	56060.33984	56074.85001	56072.26953	504323.2	5409863.4
L4325.0	504323.2	5409864.8	85025.50000	228.11	51.42	48.841741	-86.941080	56091.16	56276.6	-26.56	56064.60	56061.95313	56075.27803	56072.71875	504323.2	5409864.8
L4325.0	504323.2	5409866.4	85025.60156	225.60	55.66	48.841755	-86.941080	56092.70	56276.6	-26.56	56066.14	56063.46875	56075.71988	56073.17969	504323.2	5409866.4
L4325.0	504323.2	5409866.4	85025.70313	221.44	41.75	48.841755	-86.941080	56093.25	56276.6	-26.56	56066.69	56063.99609	56076.23478	56073.71484	504323.2	5409866.4
L4325.0	504323.2	5409879.6	85026.79688	220.14	57.05	48.841874	-86.941079	56110.00	56276.6	-26.58	56083.42	56080.69922	56075.67726	56073.17578	504323.2	5409879.6
L4325.0	504323.2	5409881.3	85026.89844	221.97	56.83	48.841890	-86.941079	56111.70	56276.6	-26.59	56085.11	56082.35938	56076.12787	56073.64453	504323.2	5409881.3
L4325.0	504323.2	5409882.4	85027.00000	221.03	48.82	48.841899	-86.941079	56113.82	56276.6	-26.59	56087.23	56084.44531	56076.55446	56074.08594	504323.2	5409882.4
L4325.0	504323.2	5409882.4	85027.10156	222.88	48.82	48.841899	-86.941079	56115.18	56276.6	-26.59	56088.59	56085.76563	56077.03558	56074.58594	504323.2	5409882.4
L4325.0	504323.2	5409884.1	85027.20313	223.13	53.42	48.841915	-86.941079	56117.26	56276.6	-26.59	56090.66	56087.79688	56077.47242	56075.03906	504323.2	5409884.1
L4325.0	504323.2	5409885.4	85027.29688	222.93	43.32	48.841927	-86.941079	56118.11	56276.6	-26.60	56091.52	56088.60938	56077.99220	56075.57422	504323.2	5409885.4
L4325.0	504323.3	5409886.9	85027.39844	224.89	43.38	48.841939	-86.941079	56119.39	56276.6	-26.60	56092.79	56089.83203	56078.48617	56076.08203	504323.3	5409886.9
L4325.0	504323.3	5409886.9	85027.50000	227.21	43.38	48.841939	-86.941079	56121.45	56276.6	-26.60	56094.85	56091.83594	56078.92822	56076.53516	504323.3	5409886.9
L4325.0	504323.3	5409888.5	85027.60156	225.12	47.86	48.841954	-86.941079	56122.70	56276.6	-26.60	56096.09	56093.01953	56079.42495	56077.04688	504323.3	5409888.5
L4325.0	504323.3	5409890.1	85027.70313	226.48	47.86	48.841969	-86.941079	56125.04	56276.6	-26.60	56098.44	56095.30859	56079.84699	56077.48047	504323.3	5409890.1
L4325.0	504323.3	5409891.3	85027.79688	226.44	50.27	48.841979	-86.941079	56126.39	56276.6	-26.61	56099.79	56096.58984	56080.33430	56077.97656	504323.3	5409891.3
L4325.0	504323.3	5409891.3	85027.89844	225.85	48.01	48.841979	-86.941079	56126.46	56276.6	-26.61	56099.86	56096.58984	56080.90490	56078.55859	504323.3	5409891.3
L4325.0	504323.3	5409893.1	85028.00000	226.56	48.01	48.841996	-86.941078	56128.34	56276.6	-26.61	56101.73	56098.38281	56081.35279	56079.01563	504323.3	5409893.1
L4325.0	504323.3	5409895.0	85028.10156	226.68	50.79	48.842013	-86.941078	56129.18	56276.6	-26.61	56102.57	56099.14063	56081.86604	56079.53516	504323.3	5409895.0
L4325.0	504323.3	5409895.8	85028.20313	227.50	40.98	48.842020	-86.941078	56131.02	56276.6	-26.61	56104.41	56100.89453	56082.30872	56079.98438	504323.3	5409895.8
L4325.0	504323.3	5409897.1	85028.29688	227.42	40.98	48.842032	-86.941078	56132.36	56276.6	-26.61	56105.75	56102.14063	56082.78028	56080.46094	504323.3	5409897.1
L4325.0	504323.3	5409897.1	85028.39844	230.00	43.57	48.842032	-86.941078	56134.23	56276.6	-26.61	56107.62	56103.91406	56083.21152	56080.89844	504323.3	5409897.1
L4325.0	504323.3	5409898.5	85028.50000	229.73	43.57	48.842044	-86.941078	56135.16	56276.6	-26.61	56108.55	56104.74219	56083.69992	56081.38672	504323.3	5409898.5
L4325.0	504323.3	5409900.2	85028.60156	228.94	48.22	48.842059	-86.941078	56137.14	56276.6	-26.61	56110.53	56106.61328	56084.11235	56081.80078	504323.3	5409900.2
L4325.0	504323.4	5409901.1	85028.60156	228.94	47.63	48.842068	-86.941077	56138.06	56276.6	-26.61	56111.45	56107.41797	56084.58902	56082.27734	504323.4	5409901.1
L4325.0	504323.4	5409902.3	85028.79688	231.78	47.63	48.842079	-86.941077	56140.05	56276.6	-26.61	56113.44	56109.28906	56084.98751	56082.67578	504323.4	5409902.3
L4325.0	504323.4	5409903.5	85028.89844	229.92	49.89	48.842089	-86.941077	56140.76	56276.6	-26.61	56114.15	56109.87109	56085.46408	56083.14844	504323.4	5409903.5
L4325.0	504323.4	5409904.9	85029.00000	228.59	54.25	48.842102	-86.941077	56140.90	56276.6	-26.61	56114.29	56109.87891	56085.97103	56083.65234	504323.4	5409904.9
L4325.0	504323.4	5409906.6	85029.10156	229.06	54.25	48.842117	-86.941077	56142.59	56276.6	-26.61	56115.98	56111.43359	56086.36667	56084.03906	504323.4	5409906.6
L4325.0	504323.4	5409906.6	85029.20313	227.57	44.53	48.842117	-86.941077	56144.85	56276.6	-26.61	56118.24	56113.55078	56086.71601	56084.38281	504323.4	5409906.6
L4325.0	504323.4	5409908.2	85029.29688	225.99	43.21	48.842132	-86.941076	56145.28	56276.6	-26.61	56118.67	56113.82813	56087.17874	56084.83594	504323.4	5409908.2
L4325.0	504323.4	5409909.6	85029.39844	224.49	43.21	48.842144	-86.941076	56145.23	56276.6	-26.61	56118.62	56113.62109	56087.66457	56085.30859	504323.4	5409909.6
L4325.0	504323.4	5409909.6	85029.50000	224.69	45.23	48.842144	-86.941076	56146.22	56276.6	-26.61	56119.61	56114.44922	56088.07192	56085.70313	504323.4	5409909.6
L4325.0	504323.5	5409911.3	85029.60156	224.74	45.23	48.842159	-86.941076	56147.59	56276.6	-26.61	56120.98	56115.64844	56088.44452	56086.06250	504323.5	5409911.3
L4325.0	504323.5	5409913.0	85029.70313	225.41	53.99	48.842174	-86.941076	56148.56	56276.6	-26.61	56121.95	56116.44531	56088.83417	56086.43359	504323.5	5409913.0
L4325.0	504323.5	5409914.2	85029.79688	225.92	53.99	48.842185	-86.941075	56150.22	56276.6	-26.61	56123.61	56117.92188	56089.16798	56086.75000	504323.5	5409914.2
L4325.0	504323.5	5409914.2	85029.89844	225.38	54.6	48.842185	-86.941075	56150.11	56276.6	-26.61	56123.50	56117.62109	56089.60977	56087.17188	504323.5	5409914.2
L4325.0	504323.5	5409916.1	85030.00000	223.93	54.28	48.842202	-86.941075	56151.14	56276.6	-26.61	56124.53	56118.45703	56089.96536	56087.50391	504323.5	5409916.1
L4325.0	504323.5	5409917.5	85030.10156	223.14	54.28	48.842215	-86.941075	56152.18	56276.6	-26.61	56125.57	56119.29297	56090.30994	56087.82422	504323.5	5409917.5
L4325.0	504323.6	5409919.1	85030.20313	220.06	54.26	48.842230	-86.941074	56153.03	56276.6	-26.61	56126.42	56119.93359	56090.65668	56088.14453	504323.6	5409919.1
L4325.0	504323.6	5409920.3	85030.29688	220.74	54.19	48.842241	-86.941074	56153.09	56276.6	-26.61	56126.48	56119.78125	56091.04546	56088.50391	504323.6	5409920.3
L4325.0	504323.6	5409920.3	85030.39844	221.80	54.19	48.842241	-86.941074	56155.10	56276.6	-26.61	56128.49	56121.56641	56091.29352	56088.72266	504323.6	5409920.3
L4325.0	504323.6	5409921.8	85030.50000	221.33	52.02	48.842253	-86.941074	56154.46	56276.6	-26.61	56127.85	56120.69922	56091.70740	56089.10547	504323.6	5409921.8
L4325.0	504323.6	5409923.4	85030.60156	220.50	52.02	48.842269	-86.941073	56156.03	56276.6	-26.61	56129.42	56122.03125	56091.96304	56089.32422	504323.6	5409923.4
L4325.0	504323.7	5409925.2	85030.60156	220.50	53.19	48.842284	-86.941073	56156.06	56276.6	-26.61	56129.45	56121.82031	56092.31035	56089.63672	504323.7	5409925.2
L4325.0	504323.7	5409926.3	85030.79688	222.93	53.19	48.842294	-86.941072	56156.23	56276.6	-26.61	56129.62	56121.74219	56092.63727	56089.92188	504323.7	5409926.3
L4325.0	504323.7	5409926.3	85030.89844	225.32	53.79	48.842294	-86.941072	56158.06	56276.6	-26.61	56131.45	56123.31641	56092.84243	56090.08594	504323.7	5409926.3
L4325.0	504323.7	5409927.7	85031.00000	224.90	53.79	48.842307	-86.941072	56159.12	56276.6	-26.61	56132.51	56124.11328	56093.08778	56090.28906	504323.7	5409927.7
L4325.0	504323.7	5409929.1	85031.10156	225.22	53.79	48.842320	-86.941072	56158.75	56276.6	-26.61	56132.14	56123.47266	56093.41730	56090.57031	504323.7	5409929.1
L4325.0	504323.8	5409931.0	85031.20313	223.94	52.44	48.842337	-86.941072	56158.51	56276.6	-26.61	56131.90	56122.96094	56093.72696	56090.83203	504323.8	5409931.0
L4325.0	504323.8	5409932.0	85031.29688	224.79	52.44	48.842345	-86.941072	56158.57	56276.6	-26.61	56131.96	56122.73828	56094.00543	56091.06250	504323.8	5409932.0
L4325.0	504323.8	5409932.0	85031.39844	225.58	50.43	48.842345	-86.941072	56158.98	56276.6	-26.61	56132.38	56122.87109	56094.24870	56091.25000	504323.8	5409932.0
L4325.0	504323.8	5409933.6	85031.50000	224.73	50.43	48.842360	-86.941072	56160.59	56276.6	-26.61	56133.98	56124.17578	56094.40211	56091.34766	504323.8	5409933.6
L4325.0	504323.8	5409935.2	85031.60156	224.25	54.38	48.842374	-86.941071	56160.00	56276.6	-26.60	56133.40	56123.29688	56094.68968	56091.57813	504323.8	5409935.2
L4325.0	504323.8	5409935.2	85031.70313	226.04	48.14	48.842374	-86.941071	56160.31	56276.6	-26.60	56133.71	56123.30078	56094.90676	56091.73438	504323.8	5409935.2
L4325.0	504323.8	5409937.0	85031.79688	227.71	48.14	48.842390	-86.941071	56161.32	56276.6	-26.60	56134.71	56123.98828	56095.06672	56091.83203	504323.8	5409937.0
L4325.0	504323.8	5409938.6	85031.89844	228.18	54.34	48.842405	-86.941071	56160.69	56276.6	-26.60	56134.09	56123.04688	56095.32359	56092.02734	504323.8	5409938.6
L4325.0	504323.8	5409940.3	85032.00000	228.62	54.34	48.842420	-86.941071	56161.88	56276.6	-26.60	56135.28	56123.91406	56095.44874	56092.08203	504323.8	5409940.3

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4325.0	504323.8	5409940.3	85032.10156	228.30	54.33	48.842420	-86.941071	56161.61	56276.6	-26.60	56135.01	56123.31641	56095.66021	56092.22656	504323.8	5409940.3
L4325.0	504323.8	5409942.2	85032.20313	226.97	54.37	48.842437	-86.941071	56161.70	56276.6	-26.60	56135.10	56123.07031	56095.83672	56092.32813	504323.8	5409942.2
L4325.0	504323.8	5409943.8	85032.29688	225.94	54.37	48.842452	-86.941071	56163.04	56276.6	-26.59	56136.45	56124.08203	56095.91833	56092.33594	504323.8	5409943.8
L4325.0	504323.8	5409943.8	85032.39844	227.51	54.5	48.842452	-86.941071	56162.79	56276.6	-26.59	56136.19	56123.47656	56096.09641	56092.43750	504323.8	5409943.8
L4325.0	504323.8	5409945.2	85032.50000	225.92	54.5	48.842464	-86.941071	56162.06	56276.6	-26.59	56135.47	56122.40625	56096.29436	56092.55469	504323.8	5409945.2
L4325.0	504323.8	5409946.8	85032.60156	224.69	54	48.842479	-86.941071	56162.56	56276.6	-26.59	56135.97	56122.55078	56096.40023	56092.57813	504323.8	5409946.8
L4325.0	504323.8	5409948.2	85032.60156	224.69	47.28	48.842492	-86.941071	56162.86	56276.6	-26.59	56136.27	56122.48828	56096.50876	56092.60156	504323.8	5409948.2
L4325.0	504323.8	5409948.2	85032.79688	223.46	47.28	48.842492	-86.941071	56161.90	56276.6	-26.58	56135.31	56121.16406	56096.69067	56092.69922	504323.8	5409948.2
L4325.0	504323.8	5409949.7	85032.89844	224.59	40.76	48.842505	-86.941071	56162.61	56276.6	-26.58	56136.03	56121.51563	56096.75002	56092.66797	504323.8	5409949.7
L4325.0	504323.8	5409949.7	85033.00000	223.55	40.76	48.842505	-86.941071	56163.86	56276.6	-26.58	56137.28	56122.39453	56096.76355	56092.58984	504323.8	5409949.7
L4325.0	504323.8	5409952.8	85033.10156	221.68	45.71	48.842532	-86.941071	56162.71	56276.6	-26.58	56136.13	56120.86719	56096.92664	56092.65625	504323.8	5409952.8
L4325.0	504323.8	5409954.2	85033.20313	220.93	45.71	48.842545	-86.941071	56162.82	56276.6	-26.59	56136.23	56120.58984	56096.99601	56092.62891	504323.8	5409954.2
L4325.0	504323.8	5409954.2	85033.29688	221.91	54.98	48.842545	-86.941071	56163.60	56276.6	-26.59	56137.01	56120.98438	56097.00974	56092.54297	504323.8	5409954.2
L4325.0	504323.8	5409955.6	85033.39844	221.26	54.75	48.842558	-86.941070	56162.96	56276.6	-26.59	56136.37	56119.96094	56097.10788	56092.54297	504323.8	5409955.6
L4325.0	504323.8	5409957.0	85033.50000	220.79	54.75	48.842571	-86.941070	56163.77	56276.6	-26.60	56137.17	56120.37109	56097.09981	56092.42969	504323.8	5409957.0
L4325.0	504323.8	5409957.0	85033.60156	221.27	49.39	48.842571	-86.941070	56163.86	56276.6	-26.60	56137.26	56120.06641	56097.12892	56092.35156	504323.8	5409957.0
L4325.0	504323.8	5409958.8	85033.70313	221.35	49.39	48.842586	-86.941070	56163.42	56276.6	-26.60	56136.82	56119.23438	56097.18326	56092.29688	504323.8	5409958.8
L4325.0	504323.8	5409960.5	85033.79688	220.85	52.84	48.842602	-86.941070	56163.55	56276.6	-26.60	56136.94	56118.95703	56097.19021	56092.19531	504323.8	5409960.5
L4325.0	504323.8	5409961.6	85033.89844	222.33	51.56	48.842612	-86.941070	56163.04	56276.6	-26.61	56136.43	56118.05078	56097.22915	56092.12109	504323.8	5409961.6
L4325.0	504323.8	5409961.6	85034.00000	223.36	51.56	48.842612	-86.941070	56164.48	56276.6	-26.61	56137.87	56119.08984	56097.12811	56091.90234	504323.8	5409961.6
L4325.0	504323.8	5409963.1	85034.10156	225.19	55.29	48.842625	-86.941070	56163.12	56276.6	-26.61	56136.51	56117.32813	56097.20381	56091.85938	504323.8	5409963.1
L4325.0	504323.8	5409964.8	85034.20313	225.05	55.24	48.842640	-86.941070	56162.56	56276.6	-26.61	56135.95	56116.36719	56097.21627	56091.75391	504323.8	5409964.8
L4325.0	504323.8	5409966.2	85034.29688	223.70	55.24	48.842653	-86.941070	56163.40	56276.6	-26.61	56136.79	56116.80469	56097.12552	56091.53906	504323.8	5409966.2
L4325.0	504323.8	5409967.4	85034.39844	223.22	55.96	48.842664	-86.941070	56163.42	56276.6	-26.61	56136.81	56116.41797	56097.07958	56091.37109	504323.8	5409967.4
L4325.0	504323.8	5409968.8	85034.50000	223.04	55.96	48.842676	-86.941070	56164.22	56276.6	-26.61	56137.61	56116.81641	56096.97181	56091.13672	504323.8	5409968.8
L4325.0	504323.8	5409970.2	85034.60156	222.98	52.47	48.842689	-86.941070	56163.20	56276.6	-26.61	56136.58	56115.38281	56096.97623	56091.01172	504323.8	5409970.2
L4325.0	504323.8	5409970.2	85034.60156	222.98	54.37	48.842689	-86.941070	56163.42	56276.6	-26.61	56136.81	56115.20703	56096.88684	56090.79297	504323.8	5409970.2
L4325.0	504323.8	5409971.9	85034.79688	225.73	54.37	48.842705	-86.941070	56163.63	56276.6	-26.61	56137.01	56115.00781	56096.78966	56090.56250	504323.8	5409971.9
L4325.0	504323.8	5409973.3	85034.89844	223.76	51.23	48.842717	-86.941070	56163.29	56276.6	-26.61	56136.68	56114.27344	56096.71801	56090.35547	504323.8	5409973.3
L4325.0	504323.8	5409975.0	85035.00000	225.49	51.23	48.842732	-86.941071	56163.45	56276.6	-26.61	56136.83	56114.02344	56096.60456	56090.10547	504323.8	5409975.0
L4325.0	504323.8	5409975.0	85035.10156	226.04	54.37	48.842732	-86.941071	56164.10	56276.6	-26.61	56137.49	56114.28516	56096.44730	56089.81250	504323.8	5409975.0
L4325.0	504323.8	5409976.9	85035.20313	228.13	54.37	48.842750	-86.941071	56162.71	56276.6	-26.61	56136.11	56112.51172	56096.41623	56089.64063	504323.8	5409976.9
L4325.0	504323.8	5409978.4	85035.29688	229.33	54.27	48.842763	-86.941071	56162.74	56276.6	-26.60	56136.13	56112.13672	56096.28199	56089.36328	504323.8	5409978.4
L4325.0	504323.8	5409979.8	85035.39844	228.32	54.27	48.842775	-86.941071	56163.24	56276.6	-26.60	56136.64	56112.25391	56096.10522	56089.04297	504323.8	5409979.8
L4325.0	504323.8	5409979.8	85035.50000	229.97	45.55	48.842775	-86.941071	56162.38	56276.6	-26.60	56135.78	56111.00781	56096.00991	56088.80469	504323.8	5409979.8
L4325.0	504323.7	5409981.5	85035.60156	229.07	53.33	48.842791	-86.941071	56163.27	56276.6	-26.60	56136.67	56111.51172	56095.78802	56088.43750	504323.7	5409981.5
L4325.0	504323.7	5409983.2	85035.70313	227.31	53.33	48.842806	-86.941071	56162.84	56276.6	-26.60	56136.24	56110.69922	56095.64419	56088.14453	504323.7	5409983.2
L4325.0	504323.7	5409984.6	85035.79688	228.49	53.17	48.842819	-86.941072	56162.25	56276.6	-26.59	56135.66	56109.74219	56095.50038	56087.85156	504323.7	5409984.6
L4325.0	504323.7	5409984.6	85035.89844	226.10	53.17	48.842819	-86.941072	56162.29	56276.6	-26.59	56135.70	56109.41016	56095.30521	56087.50781	504323.7	5409984.6
L4325.0	504323.7	5409986.5	85036.00000	225.13	52.71	48.842836	-86.941072	56162.64	56276.6	-26.59	56136.05	56109.39063	56095.07930	56087.12891	504323.7	5409986.5
L4325.0	504323.7	5409988.2	85036.10156	225.80	52.71	48.842851	-86.941072	56162.38	56276.6	-26.59	56135.79	56108.76953	56094.88395	56086.77734	504323.7	5409988.2
L4325.0	504323.7	5409988.2	85036.20313	225.37	53.46	48.842851	-86.941072	56162.20	56276.6	-26.59	56135.62	56108.24219	56094.67244	56086.41406	504323.7	5409988.2
L4325.0	504323.7	5409989.9	85036.29688	225.27	53.46	48.842866	-86.941072	56162.12	56276.6	-26.59	56135.53	56107.79688	56094.44537	56086.03125	504323.7	5409989.9
L4325.0	504323.7	5409991.0	85036.39844	227.56	53.35	48.842876	-86.941072	56161.11	56276.6	-26.59	56134.53	56106.45313	56094.26869	56085.69922	504323.7	5409991.0
L4325.0	504323.7	5409992.2	85036.50000	227.58	53.35	48.842887	-86.941072	56161.78	56276.6	-26.58	56135.20	56106.78125	56093.97034	56085.24219	504323.7	5409992.2
L4325.0	504323.7	5409993.7	85036.60156	226.68	53.3	48.842900	-86.941072	56162.08	56276.6	-26.58	56135.49	56106.73828	56093.68693	56084.80078	504323.7	5409993.7
L4325.0	504323.7	5409995.4	85036.60156	226.68	53.3	48.842916	-86.941072	56161.88	56276.6	-26.58	56135.29	56106.21094	56093.42574	56084.37891	504323.7	5409995.4
L4325.0	504323.7	5409995.4	85036.79688	225.37	53.41	48.842916	-86.941072	56161.07	56276.6	-26.58	56134.49	56105.09375	56093.19402	56083.98828	504323.7	5409995.4
L4325.0	504323.7	5409997.1	85036.89844	223.95	53.41	48.842931	-86.941072	56161.39	56276.6	-26.58	56134.81	56105.10156	56092.87706	56083.51172	504323.7	5409997.1
L4325.0	504323.7	5409998.5	85037.00000	222.76	51.75	48.842944	-86.941072	56161.50	56276.6	-26.58	56134.92	56104.90625	56092.56345	56083.03906	504323.7	5409998.5
L4325.0	504323.7	5409999.9	85037.10156	224.20	51.75	48.842957	-86.941072	56160.82	56276.6	-26.58	56134.24	56103.93359	56092.29181	56082.60547	504323.7	5409999.9
L4325.0	504323.7	5409999.9	85037.20313	224.44	48.27	48.842957	-86.941072	56159.86	56276.6	-26.58	56133.27	56102.67578	56092.02872	56082.17969	504323.7	5409999.9
L4325.0	504323.7	5410001.6	85037.29688	225.14	48.27	48.842971	-86.941072	56160.06	56276.6	-26.59	56133.47	56102.59766	56091.67680	56081.66406	504323.7	5410001.6
L4325.0	504323.7	5410001.6	85037.39844	226.46	43.87	48.842971	-86.941072	56160.30	56276.6	-26.59	56133.71	56102.56641	56091.31131	56081.13672	504323.7	5410001.6
L4325.0	504323.6	5410004.9	85037.50000	227.10	43.87	48.843001	-86.941073	56159.96	56276.6	-26.59	56133.37	56101.96875	56090.97354	56080.63672	504323.6	5410004.9
L4325.0	504323.6	5410004.9	85037.60156	227.73	50.22	48.843001	-86.941073	56158.58	56276.6	-26.59	56131.99	56100.33984	56090.69409	56080.19531	504323.6	5410004.9
L4325.0	504323.6	5410006.8	85037.70313	227.96	50.22	48.843019	-86.941073	56157.10	56276.6	-26.59	56130.50	56098.60938	56090.41090	56079.75000	504323.6	5410006.8
L4325.0	504323.6	5410008.0	85037.79688	227.21	46.24	48.843029	-86.941073	56158.36	56276.6	-26.60	56131.77	56099.64844	56089.93259	56079.10938	504323.6	5410008.0
L4325.0	504323.6	5410008.0	85037.89844	224.58	46.24	48.843029	-86.941073	56159.50	56276.6	-26.60	56132.90	56100.56250	56089.45243	56078.46875	504323.6	5410008.0
L4325.0	504323.5	5410009.6	85038.00000	223.53	45.75	48.843044	-86.941074	56158.33	56276.6	-26.60	56131.73	56099.18359	56089.11439	56077.96875	504323.5	5410009.6
L4325.0	504323.5	5410011.3	85038.10156	224.75	43.07	48.843059	-86.941074	56157.45	56276.6	-26.60	56130.85	56098.10547	56088.74576	56077.43750	504323.5	5410011.3
L4325.0	504323.5	5410012.9	85038.20313	223.95	43.07	48.843073	-86.941075	56156.60	56276.6	-26.60	56130.00	56097.07031	56088.36381	56076.89453	504323.5	5410012.9
L4325.0	504323.5	5410012.9	85038.29688	227.25	48.08	48.843073	-86.941075	56156.41	56276.6	-26.60	56129.81	56096.70703	56087.92653	56076.29688	504323.5	5410012.9
L4325.0	504323.4	5410014.5	85038.39844	229.17	48.08	48.843088	-86.941075	56156.00	56276.6	-26.60	56129.41	56096.14453	56087.49187	56075.70313	504323.4	5410014.5
L4325.0	504323.4	5410015.9	85038.50000	228.61	48.1	48.843100	-86.941076	56155.89	56276.6	-26.60	56129.29	56095.87500	56087.02714	56075.08203	504323.4	5410015.9
L4325.0	504323.4	5410015.9	85038.60156	228.15	49.52	48.843100	-86.941076	56155.02	56276.6	-26.59	56128.43	56094.87891	56086.60033	56074.49609	504323.4	5410015.9
L4325.0	504323.4	5410017.0	85038.60156	228.15	49.52	48.843110	-86.941076	56154.89	56276.6	-26.59	56128.29	56094.61328	56086.11407	56073.85156	504323.4	5410017.0
L4325.0	504323.3	5410018.7	85038.79688	225.41	26.76	48.843125	-86.941076	56153.36	56276.6	-26.59	56126.77	56092.98047	56085.70836	56073.29297	504323.3	5410018.7
L4325.0	504323.3	5410020.0	85038.89844	227.04	26.76	48.843137	-86.941077	56152.51	56276.6	-26.59	56125.92	56092.03125	56085.24653	56072.67578	504323.3	5410020.0
L4325.0	504323.3	5410020.0	85039.00000	228.37	29.69	48.843137	-86.941077	56152.17	56276.6	-26.59	56125.58	56091.60547	56084.73923	56072.01563	504323.3	5410020.0
L4325.0	504323.3	5410021.4	85039.10156	227.51	26.89	48.843150	-86.941077	56151.73	56276.6	-26.59	56125.14	56091.09375	56084.22714	56071.35156	504323.3	5410021.4
L4325.0	504323.3	5410023.0	85039.20313	227.31	26.89	48.843164	-86.941077	56151.64	56276.6	-26.59	56125.04	56090.93359	56083.68094	56070.65625	504323.3	5410023.0
L4325.0	504323.2	5410024.3	85039.29688	226.55	40.95	48.843176	-86.941078	56150.36	56276.6	-26.60	56123.77	56089.62109	56083.20131	56070.02734	504323.2	5410024.3
L4325.0	504323.2	5410025.7	85039.39844	226.52	40.95	48.843188	-86.941078	56149.66	56276.6	-26.60	56123.07	56088.88672	56082.67226	56069.34766	504323.2	5410025.7
L4325.0	504323.2	5410025.7	85039.50000	224.74	30.19	48.843188	-86.941078	56148.65	56276.6	-26.60	56122.05	56087.85156	56082.15317	56068.68359	504323.2	5410025.7
L4325.0	504323.2	5410027.2	85039.60156	223.85	33.82	48.843202	-86.941079	56147.91	56276.6	-26.60	56121.31	56087.10938	56081.60407	56067.99219	504323.2	5410027.2
L4325.0	504323.2	5410028.5	85039.70313	221.17	33.82	48.843214	-86.941079	56147.11	56276.6	-26.60	56120.51	56086.32031	56081.04766	56067.29297	504323.2	5410028.5
L4325.0	504323.2	5410028.5	85039.79688	220.00	35.45	48.843214	-86.941079	56147.23	56276.6	-26.61	56120.62	56086.45703	56080.41932	56066.52344	504323.2	5410028.5
L4325.0	504323.1	5410030.1	85039.89844	223.10	35.45	48.843228	-86.941079	56146.02	56276.6	-26.61	56119.41	56085.28906	56079.86778	56065.83594	504323.1	5410030.1
L4325.0	504323.1	5410031.2	85040.00000	222.95	37.75	48.843238	-86.941079	56144.95	56276.6	-26.61	56118.34	56084.27344	56079.29576	56065.12891	504323.1	5410031.2
L4325.0	504323.1	5410032.3	85040.10156	223.57	37.75	48.843248	-86.941080	56144.45	56276.6	-26.61	56117.85	56083.85547	56078.67400	56064.37109	504323.1	5410032.3
L4325.0	504323.1	5410033.8	85040.20313	224.43	38.03	48.843261	-86.941080	56142.20	56276.6	-26.60	56115.59	56081.67969	56078.15924	56063.72656	504323.1	5410033.8
L4325.0	504323.1	5410035.1	85040.29688	225.95	46.07	48.843273	-86.941080	56140.86	56276.6	-26.60	56114.26	56080.44922	56077.57156	56063.00781	504323.1	5410035.1
L4325.0	504323.1	5410035.1	85040.39844	225.50	46.07	48.843273	-86.941080	56141.02	56276.6	-26.60	56114.42	56080.72656	56076.87370	56062.18359	504323.1	5410035.1
L4325.0	504323.1	5410036.2	85040.50000	225.88	40.94	48.843283	-86.941080	56139.89	56276.6	-26.60	56113.30	56079.73828	56076.25045	56061.43750	504323.1	5410036.2
L4325.0	504323.1	5410037.6	85040.60156	225.45	40.84	48.843296	-86.941080	56139.97	56276.6	-26.59	56113.38	56079.96484	56075.53655	56060.60156	504323.1	5410037.6
L4325.0	504323.1	5410037.6	85040.60156	225.45	40.84	48.843296	-86.941080	56138.52	56276.6	-26.59	56111.93	56078.67578	56074.91413	56059.85938	504323.1	5410037.6
L4325.0	504323.1	5410039.1	85040.79688	222.41	46.29	48.843309	-86.941080	56136.86	56276.6	-26.59	56110.27	56077.19531	56074.29529	56059.12500	504323.1	5410039.1
L4325.0	504323.0	5410041.3	85040.89844	223.69	46.29	48.843329	-86.941080	56134.94	56276.6	-26.58	56108.36	56075.47656	56073.68283	56058.39844	504323.0	5410041.3
L4325.0	504323.0	5410041.3	85041.00000	222.51	40.16	48.843329	-86.941080	56134.54	56276.6	-26.58	56107.96	56075.28516	56072.95955	56057.56641	504323.0	5410041.3
L4325.0	504323.0	5410042.9	85041.10156	224.99	40.48	48.843343	-86.941080	56133.24	56276.6	-26.58	56106.66	56074.20703	56072.28624	56056.78516	504323.0	5410042.9
L4325.0	504323.0	5410044.1	85041.20313	225.43	40.48	48.843354	-86.941080	56132.41	56276.6	-26.58	56105.83	56073.61719	56071.57171	56055.96484	504323.0	5410044.1
L4325.0	504323.0	5410045.5	85041.29688	224.11	40.48	48.843367	-86.941080	56130.91	56276.6	-26.59	56104.33	56072.37500	56070.89213	56055.18359	504323.0	5410045.5

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4325.0	504323.0	5410045.5	85041.39844	224.38	40.27	48.843367	-86.941080	56130.79	56276.6	-26.59	56104.20	56072.51563	56070.11165	56054.30469	504323.0	5410045.5
L4325.0	504323.1	5410046.7	85041.50000	225.47	40.27	48.843377	-86.941080	56128.92	56276.6	-26.59	56102.33	56070.92969	56069.43777	56053.53516	504323.1	5410046.7
L4325.0	504323.1	5410048.0	85041.60156	225.74	40.92	48.843389	-86.941080	56127.25	56276.6	-26.59	56100.66	56069.56250	56068.74133	56052.74609	504323.1	5410048.0
L4325.0	504323.1	5410048.0	85041.70313	224.80	44.41	48.843389	-86.941080	56126.46	56276.6	-26.59	56099.87	56069.08984	56067.97718	56051.89453	504323.1	5410048.0
L4325.0	504323.1	5410049.2	85041.79688	224.27	44.41	48.843400	-86.941080	56124.21	56276.6	-26.60	56097.61	56067.16016	56067.30217	56051.13281	504323.1	5410049.2
L4325.0	504323.1	5410050.5	85041.89844	223.85	42.3	48.843412	-86.941080	56124.20	56276.6	-26.60	56097.60	56067.50000	56066.46850	56050.21484	504323.1	5410050.5
L4325.0	504323.1	5410050.5	85042.00000	224.44	40.2	48.843412	-86.941080	56121.93	56276.6	-26.60	56095.33	56065.59375	56065.77704	56049.44531	504323.1	5410050.5
L4325.0	504323.1	5410051.6	85042.10156	224.95	40.2	48.843422	-86.941080	56120.50	56276.6	-26.60	56093.90	56064.53906	56065.02134	56048.61328	504323.1	5410051.6
L4325.0	504323.1	5410052.7	85042.20313	224.96	38.28	48.843431	-86.941079	56119.15	56276.6	-26.60	56092.55	56063.58594	56064.25229	56047.77344	504323.1	5410052.7
L4325.0	504323.1	5410053.9	85042.29688	225.02	34.07	48.843442	-86.941079	56117.62	56276.6	-26.60	56091.01	56062.45313	56063.48812	56046.94141	504323.1	5410053.9
L4325.0	504323.1	5410053.9	85042.39844	224.24	34.07	48.843442	-86.941079	56117.48	56276.6	-26.60	56090.88	56062.74609	56062.62239	56046.01172	504323.1	5410053.9
L4325.0	504323.1	5410055.2	85042.50000	225.32	34.07	48.843454	-86.941079	56114.81	56276.6	-26.60	56088.20	56060.50391	56061.91936	56045.24609	504323.1	5410055.2
L4325.0	504323.1	5410056.3	85042.60156	222.78	38.48	48.843464	-86.941079	56112.80	56276.6	-26.61	56086.20	56058.95703	56061.16394	56044.43359	504323.1	5410056.3
L4325.0	504323.2	5410057.5	85042.60156	222.78	38.48	48.843474	-86.941078	56112.33	56276.6	-26.61	56085.72	56058.94531	56060.30041	56043.51563	504323.2	5410057.5
L4325.0	504323.2	5410058.3	85042.79688	225.36	42.72	48.843482	-86.941078	56111.59	56276.6	-26.61	56084.98	56058.68750	56059.44770	56042.60938	504323.2	5410058.3
L4325.0	504323.2	5410058.3	85042.89844	225.62	44.88	48.843482	-86.941078	56109.72	56276.6	-26.61	56083.11	56057.31641	56058.66410	56041.78125	504323.2	5410058.3
L4325.0	504323.2	5410059.5	85043.00000	225.79	44.88	48.843492	-86.941078	56106.96	56276.6	-26.61	56080.35	56055.06641	56057.93391	56041.00781	504323.2	5410059.5
L4325.0	504323.2	5410060.1	85043.10156	226.31	44.47	48.843498	-86.941078	56107.09	56276.6	-26.61	56080.48	56055.72266	56057.00544	56040.03906	504323.2	5410060.1
L4325.0	504323.2	5410061.3	85043.20313	225.50	44.47	48.843508	-86.941078	56104.25	56276.6	-26.62	56077.63	56053.41406	56056.27033	56039.26563	504323.2	5410061.3
L4325.0	504323.2	5410062.0	85043.29688	225.61	43.7	48.843515	-86.941077	56103.32	56276.6	-26.63	56076.70	56053.03516	56055.40226	56038.36719	504323.2	5410062.0
L4325.0	504323.3	5410063.2	85043.39844	227.22	43.7	48.843525	-86.941077	56101.98	56276.6	-26.63	56075.35	56052.25391	56054.55757	56037.49219	504323.3	5410063.2
L4325.0	504323.3	5410064.1	85043.50000	225.89	43.47	48.843534	-86.941077	56100.69	56276.6	-26.64	56074.06	56051.54297	56053.70460	56036.61328	504323.3	5410064.1
L4325.0	504323.3	5410064.1	85043.60156	224.36	41.66	48.843534	-86.941077	56098.26	56276.6	-26.64	56071.62	56049.69922	56052.92441	56035.81250	504323.3	5410064.1
L4325.0	504323.3	5410065.1	85043.70313	225.49	41.66	48.843543	-86.941076	56097.22	56276.6	-26.65	56070.58	56049.26563	56052.04736	56034.91797	504323.3	5410065.1
L4325.0	504323.3	5410066.0	85043.79688	226.04	42.76	48.843551	-86.941076	56094.26	56276.7	-26.65	56067.61	56046.91406	56051.29586	56034.15234	504323.3	5410066.0
L4325.0	504323.3	5410066.0	85043.89844	225.37	42.76	48.843551	-86.941076	56093.50	56276.7	-26.66	56066.85	56046.78906	56050.39431	56033.23828	504323.3	5410066.0
L4325.0	504323.4	5410067.8	85044.00000	225.00	41.95	48.843567	-86.941076	56092.70	56276.7	-26.66	56066.04	56046.62109	56049.49380	56032.33203	504323.4	5410067.8
L4325.0	504323.4	5410067.8	85044.10156	225.68	41.95	48.843567	-86.941076	56092.04	56276.7	-26.66	56065.37	56046.60938	56048.58209	56031.41406	504323.4	5410067.8
L4325.0	504323.4	5410068.7	85044.20313	225.04	39	48.843575	-86.941075	56088.20	56276.7	-26.66	56061.53	56043.44141	56047.88029	56030.71484	504323.4	5410068.7
L4325.0	504323.4	5410069.4	85044.29688	225.41	39	48.843581	-86.941075	56087.46	56276.7	-26.67	56060.79	56043.38281	56046.97086	56029.80859	504323.4	5410069.4
L4325.0	504323.4	5410070.0	85044.39844	224.80	38.47	48.843587	-86.941075	56087.33	56276.7	-26.67	56060.66	56043.94531	56046.02025	56028.86328	504323.4	5410070.0
L4325.0	504323.4	5410070.0	85044.50000	223.82	41.97	48.843587	-86.941075	56084.63	56276.7	-26.67	56057.96	56041.94922	56045.24095	56028.09375	504323.4	5410070.0
L4325.0	504323.4	5410071.0	85044.60156	221.48	39.44	48.843596	-86.941075	56082.17	56276.7	-26.67	56055.50	56040.20703	56044.44608	56027.31250	504323.4	5410071.0
L4325.0	504323.5	5410071.8	85044.60156	221.48	38.26	48.843603	-86.941074	56081.56	56276.7	-26.67	56054.89	56040.32422	56043.52882	56026.41406	504323.5	5410071.8
L4325.0	504323.5	5410074.6	85045.10156	220.75	38.64	48.843629	-86.941073	56074.58	56276.7	-26.68	56047.90	56034.07422	56043.03830	56025.94141	504323.5	5410074.6
L4325.0	504323.6	5410075.4	85045.29688	220.27	37.5	48.843636	-86.941073	56072.00	56276.7	-26.68	56045.32	56032.24219	56042.25568	56025.18359	504323.6	5410075.4
L4325.0	504323.6	5410076.2	85045.39844	220.02	39.03	48.843643	-86.941073	56070.46	56276.7	-26.68	56043.79	56031.47266	56041.40545	56024.35938	504323.6	5410076.2
L4325.0	504323.6	5410076.9	85045.60156	220.21	40.06	48.843649	-86.941072	56067.04	56276.7	-26.67	56040.37	56028.82031	56040.68411	56023.66797	504323.6	5410076.9
L4325.0	504323.6	5410077.7	85045.70313	222.43	40.06	48.843656	-86.941072	56063.56	56276.7	-26.67	56036.89	56026.12109	56039.97012	56022.98828	504323.6	5410077.7
L4325.0	504323.6	5410078.4	85045.79688	222.58	41.46	48.843663	-86.941072	56062.64	56276.7	-26.67	56035.97	56025.98828	56039.08931	56022.14453	504323.6	5410078.4
L4325.0	504323.6	5410079.0	85045.89844	223.66	42.38	48.843668	-86.941072	56061.91	56276.7	-26.67	56035.24	56026.05859	56038.20013	56021.29297	504323.6	5410079.0
L4325.0	504323.6	5410079.5	85046.00000	227.25	42.38	48.843673	-86.941072	56060.90	56276.7	-26.67	56034.23	56025.85547	56037.33440	56020.46875	504323.6	5410079.5
L4325.0	504323.6	5410080.0	85046.10156	227.64	41.72	48.843677	-86.941072	56059.08	56276.7	-26.67	56032.41	56024.85156	56036.52789	56019.70703	504323.6	5410080.0
L4325.0	504323.6	5410080.9	85046.20313	228.86	40.12	48.843685	-86.941072	56056.84	56276.7	-26.67	56030.17	56023.43359	56035.75504	56018.98438	504323.6	5410080.9
L4325.0	504323.6	5410080.9	85046.29688	229.02	40.12	48.843685	-86.941072	56055.89	56276.7	-26.67	56029.22	56023.31641	56034.90228	56018.17969	504323.6	5410080.9
L4325.0	504323.6	5410081.6	85046.39844	229.19	33.29	48.843691	-86.941072	56054.68	56276.7	-26.67	56028.01	56022.94922	56034.07335	56017.40625	504323.6	5410081.6
L4325.0	504323.6	5410082.0	85046.50000	227.86	33.29	48.843695	-86.941072	56053.14	56276.7	-26.67	56026.47	56022.25781	56033.27333	56016.66016	504323.6	5410082.0
L4325.0	504323.6	5410082.6	85046.60156	229.73	31.9	48.843700	-86.941072	56051.32	56276.7	-26.66	56024.65	56021.29297	56032.49926	56015.94531	504323.6	5410082.6
L4325.0	504323.6	5410082.6	85046.60156	229.73	33.45	48.843700	-86.941072	56049.70	56276.7	-26.66	56023.03	56020.53906	56031.71952	56015.22656	504323.6	5410082.6
L4325.0	504323.6	5410083.1	85046.79688	226.18	32.54	48.843705	-86.941072	56048.02	56276.7	-26.66	56021.36	56019.73828	56030.95112	56014.51953	504323.6	5410083.1
L4325.0	504323.6	5410083.6	85046.89844	225.56	32.54	48.843709	-86.941072	56047.55	56276.7	-26.66	56020.89	56020.14844	56030.11107	56013.74609	504323.6	5410083.6
L4325.0	504323.6	5410084.3	85047.00000	222.90	33.27	48.843715	-86.941072	56046.02	56276.7	-26.66	56019.36	56019.50000	56029.35037	56013.05469	504323.6	5410084.3
L4325.0	504323.6	5410084.7	85047.10156	222.72	33.27	48.843719	-86.941071	56043.57	56276.7	-26.66	56016.91	56017.94141	56028.65997	56012.43359	504323.6	5410084.7
L4325.0	504323.6	5410084.7	85047.20313	226.25	36.41	48.843719	-86.941071	56043.09	56276.7	-26.66	56016.43	56018.35938	56027.84752	56011.69141	504323.6	5410084.7
L4325.0	504323.6	5410085.2	85047.29688	227.22	36.41	48.843724	-86.941072	56040.92	56276.7	-26.66	56014.25	56017.07813	56027.15795	56011.07813	504323.6	5410085.2
L4325.0	504323.6	5410085.7	85047.39844	225.57	42.34	48.843728	-86.941072	56040.36	56276.7	-26.66	56013.69	56017.42578	56026.37019	56010.36719	504323.6	5410085.7
L4325.0	504323.6	5410086.1	85047.50000	224.43	42.91	48.843732	-86.941072	56038.99	56276.7	-26.67	56012.33	56016.98047	56025.64582	56009.71875	504323.6	5410086.1
L4325.0	504323.6	5410086.6	85047.60156	224.80	42.27	48.843736	-86.941072	56037.88	56276.7	-26.67	56011.22	56016.78906	56024.91507	56009.06641	504323.6	5410086.6
L4325.0	504323.6	5410087.0	85047.70313	225.07	42.27	48.843740	-86.941072	56038.00	56276.7	-26.67	56011.34	56017.82813	56024.11283	56008.34766	504323.6	5410087.0
L4325.0	504323.6	5410087.0	85047.79688	224.29	39.62	48.843740	-86.941072	56034.37	56276.7	-26.67	56007.70	56015.11719	56023.57196	56007.89063	504323.6	5410087.0
L4325.0	504323.6	5410087.5	85047.89844	226.32	39.62	48.843744	-86.941072	56033.20	56276.7	-26.67	56006.53	56014.87500	56022.87731	56007.27734	504323.6	5410087.5
L4325.0	504323.6	5410087.8	85048.00000	226.00	41.51	48.843747	-86.941072	56033.81	56276.7	-26.67	56007.14	56016.42188	56022.07506	56006.56250	504323.6	5410087.8
L4325.0	504323.7	5410088.3	85048.10156	225.19	41.51	48.843751	-86.941071	56032.37	56276.7	-26.67	56005.70	56015.91797	56021.42069	56005.99609	504323.7	5410088.3
L4325.0	504323.7	5410088.6	85048.20313	226.68	39.79	48.843754	-86.941071	56031.51	56276.7	-26.67	56004.84	56016.00000	56020.73902	56005.40234	504323.7	5410088.6
L4325.0	504323.7	5410088.6	85048.29688	226.56	39.79	48.843754	-86.941071	56028.83	56276.7	-26.67	56002.16	56014.26563	56020.19016	56004.94141	504323.7	5410088.6
L4325.0	504323.7	5410089.0	85048.39844	225.65	39.07	48.843758	-86.941071	56029.20	56276.7	-26.67	56002.53	56015.58203	56019.44956	56004.29297	504323.7	5410089.0
L4325.0	504323.7	5410089.0	85048.50000	227.91	36.8	48.843758	-86.941071	56027.34	56276.7	-26.67	56000.67	56014.67188	56018.86931	56003.80469	504323.7	5410089.0
L4325.0	504323.7	5410089.3	85048.60156	226.57	33.96	48.843761	-86.941071	56026.60	56276.7	-26.67	55999.93	56014.88281	56018.22616	56003.25391	504323.7	5410089.3
L4325.0	504323.7	5410089.6	85048.60156	226.57	33.96	48.843763	-86.941071	56026.47	56276.7	-26.67	55999.80	56015.70703	56017.55417	56002.67188	504323.7	5410089.6
L4325.0	504323.7	5410090.0	85048.79688	225.32	35.86	48.843767	-86.941071	56025.52	56276.7	-26.67	55998.85	56015.71094	56016.94870	56002.16016	504323.7	5410090.0
L4325.0	504323.7	5410090.2	85048.89844	223.56	35.86	48.843769	-86.941071	56024.61	56276.7	-26.67	55997.94	56015.75781	56016.35247	56001.66016	504323.7	5410090.2
L4325.0	504323.7	5410090.9	85049.29688	222.26	41.16	48.843775	-86.941071	56022.07	56276.7	-26.67	55995.40	56014.17578	56015.87680	56001.27734	504323.7	5410090.9
L4325.0	504323.7	5410090.9	85049.39844	223.25	41.16	48.843775	-86.941071	56020.07	56276.7	-26.67	55993.40	56013.13672	56015.37702	56000.87109	504323.7	5410090.9
L4325.0	504323.7	5410091.1	85049.50000	224.73	40.75	48.843776	-86.941071	56020.28	56276.7	-26.68	55993.60	56014.29297	56014.74244	56000.33203	504323.7	5410091.1
L4325.0	504323.7	5410091.2	85049.60156	224.99	40.75	48.843778	-86.941071	56019.24	56276.7	-26.68	55992.56	56014.21484	56014.20236	55999.88672	504323.7	5410091.2
L4340.0	504333.9	5409298.9	75076.89844	269.94	0	48.836651	-86.940940	56093.15	56246.3	3.70	56096.85	56096.69922	56082.40570	56079.70703	504333.9	5409298.9
L4340.0	504333.9	5409298.9	75077.00000	264.98	0	48.836651	-86.940940	56092.95	56246.3	3.70	56096.65	56096.29688	56082.22857	56079.33594	504333.9	5409298.9
L4340.0	504334.0	5409299.6	75077.10156	262.66	0	48.836657	-86.940939	56092.44	56246.3	3.70	56096.14	56095.58203	56082.05403	56078.96875	504334.0	5409299.6
L4340.0	504334.0	5409300.2	75077.20313	259.86	0	48.836662	-86.940938	56091.98	56246.3	3.70	56095.67	56094.91016	56081.88366	56078.60547	504334.0	5409300.2
L4340.0	504334.0	5409300.2	75077.29688	255.58	0	48.836662	-86.940938	56091.98	56246.3	3.69	56095.68	56094.71484	56081.70623	56078.23438	504334.0	5409300.2
L4340.0	504334.1	5409301.0	75077.39844	258.09	0	48.836669	-86.940937	56091.68	56246.3	3.69	56095.38	56094.21094	56081.53743	56077.87109	504334.1	5409301.0
L4340.0	504334.2	5409301.6	75077.50000	259.57	0	48.836675	-86.940936	56091.38	56246.3	3.69	56095.07	56093.69531	56081.37363	56077.51563	504334.2	5409301.6
L4340.0	504334.2	5409301.6	75077.60156	260.58	0	48.836675	-86.940936	56091.18	56246.3	3.69	56094.87	56093.28906	56081.21222	56077.16016	504334.2	5409301.6
L4340.0	504334.2	5409302.4	75077.60156	260.58	0	48.836681	-86.940936	56090.63	56246.3	3.69	56094.32	56092.53516	56081.07142	56076.82422	504334.2	5409302.4
L4340.0	504334.3	5409302.9	75077.79688	268.39	0	48.836686	-86.940935	56090.59	56246.3	3.68	56094.28	56092.28516	56080.93186	56076.48828	504334.3	5409302.9
L4340.0	504334.3	5409303.6	75077.89844	271.38	0	48.836692	-86.940934	56089.88	56246.3	3.68	56093.57	56091.36719	56080.82805	56076.18750	504334.3	5409303.6
L4340.0	504334.4	5409304.4	75078.00000	272.70	0	48.836700	-86.940933	56089.59	56246.3	3.68	56093.27	56090.85547	56080.72653	56075.89063	504334.4	5409304.4
L4340.0	504334.5	5409305.0	75078.10156	275.23	0	48.836705	-86.940933	56089.23	56246.3	3.68	56092.91	56090.28516	56080.63976	56075.60938	504334.5	5409305.0
L4340.0	504334.5	5409305.0	75078.20313	274.82	0	48.836705	-86.940933	56088.83	56246.3	3.68	56092.51	56089.67188	56080.55169	56075.32031	504334.5	5409305.0
L4340.0	504334.5	5409305.9	75078.29688	275.81	0	48.836713	-86.940931	56088.72	56246.3	3.68	56092.41	56089.35938	56080.44920	56075.02344	504334.5	5409305.9
L4340.0	504334.5	5409305.9	75078.39844	274.72	0	48.836713	-86.940931	56088.32	56246.3	3.68	56092.00	56088.73047	56080.32347	56074.69531	504334.5	5409305.9
L4340.0	504334.6	5409306.6	75078.50000	276.92	0	48.836720	-86.940931	56088.14	56246.3	3.68	56091.83	56088.34375	56080.16136	56074.33594	504334.6	5409306.6
L4340.0	504334.7	5409307.5	75078.60156	277.05	0	48.836728	-86.940930	56087.68	56246.3	3.69	56091.37	56087.66406	56079.94621	56073.91797	504334.7	5409307.5

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4340.0	504334.7	5409307.5	75078.70313	275.34	0	48.836728	-86.940930	56086.88	56246.3	3.69	56090.57	56086.64063	56079.67177	56073.44531	504334.7	5409307.5
L4340.0	504334.8	5409309.0	75078.79688	275.17	0	48.836741	-86.940928	56086.70	56246.3	3.69	56090.39	56086.23828	56079.33559	56072.90625	504334.8	5409309.0
L4340.0	504334.8	5409309.0	75078.89844	273.41	0	48.836741	-86.940928	56086.02	56246.3	3.69	56089.71	56085.33203	56078.93306	56072.30078	504334.8	5409309.0
L4340.0	504334.8	5409310.1	75079.00000	270.67	0	48.836751	-86.940927	56086.04	56246.3	3.69	56089.73	56085.12109	56078.44108	56071.60156	504334.8	5409310.1
L4340.0	504334.8	5409310.1	75079.10156	269.02	0	48.836751	-86.940927	56085.48	56246.3	3.69	56089.17	56084.33203	56077.91116	56070.86719	504334.8	5409310.1
L4340.0	504334.9	5409311.0	75079.20313	268.71	0	48.836759	-86.940926	56085.29	56246.3	3.69	56088.98	56083.90625	56078.53589	56071.28516	504334.9	5409311.0
L4340.0	504334.9	5409312.0	75079.29688	266.69	0	48.836768	-86.940926	56084.22	56246.3	3.69	56087.91	56082.60156	56077.83895	56070.38281	504334.9	5409312.0
L4340.0	504335.0	5409312.9	75079.39844	263.64	0	48.836776	-86.940925	56083.82	56246.3	3.69	56087.51	56081.96094	56077.25160	56069.58594	504335.0	5409312.9
L4340.0	504335.0	5409312.9	75079.50000	263.64	0	48.836776	-86.940925	56083.14	56246.3	3.69	56086.83	56081.03906	56076.63383	56068.75781	504335.0	5409312.9
L4340.0	504335.0	5409314.0	75079.60156	261.47	0	48.836786	-86.940924	56082.91	56246.3	3.69	56086.60	56080.56250	56076.06852	56067.98047	504335.0	5409314.0
L4340.0	504335.1	5409314.8	75079.60156	261.47	0	48.836793	-86.940924	56082.58	56246.3	3.69	56086.27	56079.98438	56075.50207	56067.20313	504335.1	5409314.8
L4340.0	504335.1	5409314.8	75079.70313	261.47	0	48.836793	-86.940924	56081.89	56246.3	3.69	56085.58	56079.04297	56074.94835	56066.43359	504335.1	5409314.8
L4340.0	504335.1	5409315.9	75079.79688	257.97	0	48.836803	-86.940923	56081.88	56246.3	3.69	56085.57	56078.77734	56074.41982	56065.69141	504335.1	5409315.9
L4340.0	504335.1	5409317.0	75079.89844	257.52	0	48.836813	-86.940923	56081.06	56246.3	3.69	56084.75	56077.69922	56073.93860	56064.99219	504335.1	5409317.0
L4340.0	504335.1	5409317.0	75080.00000	253.67	0	48.836813	-86.940923	56080.96	56246.3	3.69	56084.65	56077.33594	56073.49075	56064.32813	504335.1	5409317.0
L4340.0	504335.2	5409318.2	75080.10156	254.31	0	48.836824	-86.940923	56080.28	56246.3	3.69	56083.97	56076.39063	56073.27457	56063.89063	504335.2	5409318.2
L4340.0	504335.2	5409319.2	75080.20313	251.50	0	48.836833	-86.940923	56079.72	56246.3	3.69	56083.41	56075.56250	56073.04535	56063.44141	504335.2	5409319.2
L4340.0	504335.2	5409320.3	75080.39844	248.94	0	48.836843	-86.940922	56079.04	56246.3	3.69	56082.73	56074.60938	56072.81916	56062.99219	504335.2	5409320.3
L4340.0	504335.2	5409320.3	75080.50000	249.58	0	48.836843	-86.940922	56078.16	56246.3	3.69	56081.85	56073.44922	56072.60139	56062.54688	504335.2	5409320.3
L4340.0	504335.2	5409321.6	75080.60156	249.27	0	48.836854	-86.940922	56078.07	56246.3	3.70	56081.77	56073.08984	56072.32544	56062.04688	504335.2	5409321.6
L4340.0	504335.2	5409322.4	75080.70313	249.27	0	48.836862	-86.940922	56077.44	56246.3	3.70	56081.14	56072.17578	56072.08138	56061.57422	504335.2	5409322.4
L4340.0	504335.2	5409322.4	75080.79688	252.14	0	48.836862	-86.940922	56077.29	56246.3	3.70	56080.99	56071.73438	56071.80059	56061.06641	504335.2	5409322.4
L4340.0	504335.2	5409323.7	75080.89844	252.47	0	48.836874	-86.940922	56076.31	56246.3	3.70	56080.01	56070.46094	56071.57048	56060.60547	504335.2	5409323.7
L4340.0	504335.2	5409323.7	75081.00000	254.41	0	48.836874	-86.940922	56075.88	56246.3	3.70	56079.57	56069.72266	56071.29978	56060.10156	504335.2	5409323.7
L4340.0	504335.2	5409324.6	75081.10156	256.87	0	48.836881	-86.940922	56075.09	56246.3	3.70	56078.79	56068.64063	56071.04720	56059.61328	504335.2	5409324.6
L4340.0	504335.2	5409325.9	75081.20313	258.78	0	48.836893	-86.940922	56074.20	56246.3	3.70	56077.90	56067.44141	56070.80236	56059.13281	504335.2	5409325.9
L4340.0	504335.2	5409327.1	75081.29688	257.50	0	48.836904	-86.940922	56074.06	56246.3	3.70	56077.75	56066.98047	56070.64781	56058.74219	504335.2	5409327.1
L4340.0	504335.2	5409327.1	75081.39844	256.59	0	48.836904	-86.940922	56073.19	56246.3	3.70	56076.89	56065.80469	56070.52695	56058.37891	504335.2	5409327.1
L4340.0	504335.2	5409328.3	75081.50000	259.75	0	48.836915	-86.940922	56072.94	56246.3	3.70	56076.64	56065.23047	56070.39122	56058.00391	504335.2	5409328.3
L4340.0	504335.2	5409329.2	75081.60156	259.42	0	48.836923	-86.940922	56072.41	56246.3	3.70	56076.11	56064.37500	56070.25432	56057.62109	504335.2	5409329.2
L4340.0	504335.2	5409329.2	75081.60156	259.42	0	48.836923	-86.940922	56071.38	56246.3	3.70	56075.07	56063.00391	56070.07312	56057.19531	504335.2	5409329.2
L4340.0	504335.2	5409330.5	75081.79688	249.62	0	48.836934	-86.940922	56070.84	56246.3	3.70	56074.54	56062.14063	56069.89350	56056.76953	504335.2	5409330.5
L4340.0	504335.2	5409332.0	75081.89844	265.35	0	48.836948	-86.940922	56070.48	56246.3	3.70	56074.18	56061.43750	56069.71445	56056.34375	504335.2	5409332.0
L4340.0	504335.2	5409333.1	75082.00000	264.29	0	48.836958	-86.940923	56069.61	56246.3	3.70	56073.31	56060.22266	56069.44553	56055.82422	504335.2	5409333.1
L4340.0	504335.2	5409333.1	75082.10156	266.60	0	48.836958	-86.940923	56069.39	56246.3	3.70	56073.09	56059.65234	56069.24634	56055.37109	504335.2	5409333.1
L4340.0	504335.1	5409334.0	75082.20313	268.68	0	48.836966	-86.940923	56068.49	56246.3	3.70	56072.19	56058.39453	56068.90493	56054.77734	504335.1	5409334.0
L4340.0	504335.1	5409335.2	75082.29688	270.98	0	48.836976	-86.940923	56068.04	56246.3	3.70	56071.73	56057.57422	56067.99153	56053.60547	504335.1	5409335.2
L4340.0	504335.2	5409336.3	75082.39844	270.77	0	48.836987	-86.940922	56067.50	56246.3	3.70	56071.20	56056.67969	56067.66151	56053.01953	504335.2	5409336.3
L4340.0	504335.2	5409336.3	75082.50000	272.48	0	48.836987	-86.940922	56066.44	56246.3	3.69	56070.13	56055.23828	56067.33027	56052.42578	504335.2	5409336.3
L4340.0	504335.2	5409337.6	75082.60156	275.09	0	48.836999	-86.940922	56065.86	56246.3	3.69	56069.55	56054.28125	56066.94647	56051.78125	504335.2	5409337.6
L4340.0	504335.2	5409337.6	75082.70313	277.14	0	48.836999	-86.940922	56065.30	56246.3	3.69	56068.99	56053.33984	56066.54153	56051.11328	504335.2	5409337.6
L4340.0	504335.2	5409338.9	75082.79688	277.02	0	48.837010	-86.940922	56064.70	56246.3	3.69	56068.39	56052.35156	56066.12059	56050.42578	504335.2	5409338.9
L4340.0	504335.2	5409340.1	75082.89844	275.84	0	48.837021	-86.940922	56064.57	56246.3	3.69	56068.26	56051.82813	56065.66146	56049.69922	504335.2	5409340.1
L4340.0	504335.2	5409341.2	75083.00000	270.70	0	48.837030	-86.940922	56063.66	56246.3	3.69	56067.35	56050.51953	56065.23038	56049.00000	504335.2	5409341.2
L4340.0	504335.2	5409341.2	75083.10156	275.65	0	48.837030	-86.940922	56063.31	56246.3	3.69	56067.00	56049.76563	56064.75441	56048.25391	504335.2	5409341.2
L4340.0	504335.2	5409342.7	75083.20313	276.19	0	48.837044	-86.940922	56062.70	56246.3	3.69	56066.39	56048.74609	56064.97223	56048.19922	504335.2	5409342.7
L4340.0	504335.2	5409343.8	75083.29688	273.24	0	48.837054	-86.940922	56061.86	56246.3	3.69	56065.55	56047.49219	56064.49469	56047.44922	504335.2	5409343.8
L4340.0	504335.2	5409343.8	75083.39844	270.14	0	48.837054	-86.940922	56060.70	56246.3	3.69	56064.39	56045.91406	56063.98547	56046.66406	504335.2	5409343.8
L4340.0	504335.3	5409345.2	75083.50000	266.06	0	48.837066	-86.940921	56060.29	56246.3	3.69	56063.98	56045.07813	56063.59942	56046.00000	504335.3	5409345.2
L4340.0	504335.3	5409346.3	75083.60156	263.71	0	48.837077	-86.940921	56059.54	56246.3	3.69	56063.23	56043.89844	56063.17746	56045.29688	504335.3	5409346.3
L4340.0	504335.3	5409346.3	75083.60156	263.71	0	48.837077	-86.940921	56058.86	56246.3	3.69	56062.55	56042.78125	56062.77420	56044.61328	504335.3	5409346.3
L4340.0	504335.3	5409347.6	75083.79688	259.25	0	48.837088	-86.940920	56058.07	56246.3	3.69	56061.76	56041.55078	56062.37264	56043.92969	504335.3	5409347.6
L4340.0	504335.4	5409348.8	75083.89844	256.48	0	48.837099	-86.940920	56057.56	56246.3	3.69	56061.25	56040.59375	56061.99474	56043.26563	504335.4	5409348.8
L4340.0	504335.4	5409349.8	75084.00000	254.47	0	48.837108	-86.940919	56057.06	56246.3	3.69	56060.75	56039.64453	56061.61615	56042.60156	504335.4	5409349.8
L4340.0	504335.5	5409351.4	75084.10156	253.95	0	48.837123	-86.940918	56056.32	56246.3	3.69	56060.01	56038.44531	56061.22899	56041.92578	504335.5	5409351.4
L4340.0	504335.5	5409351.4	75084.20313	252.82	0	48.837123	-86.940918	56055.31	56246.3	3.69	56059.00	56036.97656	56060.83605	56041.24609	504335.5	5409351.4
L4340.0	504335.5	5409352.8	75084.29688	249.36	0	48.837135	-86.940917	56054.42	56246.3	3.68	56058.11	56035.61719	56060.44135	56040.55859	504335.5	5409352.8
L4340.0	504335.6	5409354.0	75084.39844	252.44	0	48.837146	-86.940917	56053.74	56246.3	3.68	56057.42	56034.45703	56060.03937	56039.86719	504335.6	5409354.0
L4340.0	504335.7	5409355.6	75084.50000	253.62	0	48.837160	-86.940915	56053.16	56246.3	3.68	56056.84	56033.39844	56059.62512	56039.16016	504335.7	5409355.6
L4340.0	504335.7	5409355.6	75084.60156	257.44	0	48.837160	-86.940915	56052.38	56246.3	3.68	56056.06	56032.13672	56059.18949	56038.42969	504335.7	5409355.6
L4340.0	504335.7	5409356.8	75084.70313	258.35	0	48.837171	-86.940915	56051.57	56246.3	3.68	56055.24	56030.82813	56058.73085	56037.67188	504335.7	5409356.8
L4340.0	504335.7	5409356.8	75084.79688	260.85	0	48.837171	-86.940915	56050.84	56246.3	3.67	56054.51	56029.60547	56058.25245	56036.89844	504335.7	5409356.8
L4340.0	504335.8	5409358.1	75084.89844	263.13	0	48.837183	-86.940914	56049.97	56246.3	3.67	56053.64	56028.23828	56057.74005	56036.08594	504335.8	5409358.1
L4340.0	504335.8	5409359.5	75085.00000	264.11	0	48.837196	-86.940913	56049.16	56246.3	3.67	56052.83	56026.92578	56057.20405	56035.25000	504335.8	5409359.5
L4340.0	504335.8	5409359.5	75085.10156	264.28	0	48.837196	-86.940913	56048.53	56246.3	3.67	56052.20	56025.78906	56056.66220	56034.41016	504335.8	5409359.5
L4340.0	504335.9	5409361.0	75085.20313	267.68	0	48.837209	-86.940913	56047.64	56246.3	3.67	56051.31	56024.39063	56056.06638	56033.51172	504335.9	5409361.0
L4340.0	504335.9	5409362.6	75085.29688	271.27	0	48.837223	-86.940912	56046.76	56246.3	3.67	56050.43	56022.99219	56055.44494	56032.58594	504335.9	5409362.6
L4340.0	504336.0	5409363.8	75085.39844	271.46	0	48.837234	-86.940911	56045.80	56246.3	3.67	56049.47	56021.51172	56054.78484	56031.62109	504336.0	5409363.8
L4340.0	504336.0	5409363.8	75085.50000	271.66	0	48.837234	-86.940911	56045.44	56246.3	3.67	56049.11	56020.62891	56054.00068	56030.53516	504336.0	5409363.8
L4340.0	504336.0	5409364.9	75085.60156	271.47	0	48.837244	-86.940911	56044.56	56246.3	3.67	56048.23	56019.22266	56053.37820	56029.60547	504336.0	5409364.9
L4340.0	504336.0	5409366.1	75085.60156	271.47	0	48.837255	-86.940910	56043.67	56246.3	3.67	56047.34	56017.79688	56052.74316	56028.66406	504336.0	5409366.1
L4340.0	504336.0	5409366.1	75085.79688	272.44	0	48.837255	-86.940910	56042.92	56246.3	3.67	56046.59	56016.51172	56052.10185	56027.71484	504336.0	5409366.1
L4340.0	504336.1	5409367.9	75085.89844	273.82	0	48.837271	-86.940910	56041.86	56246.3	3.67	56045.53	56014.91016	56051.45593	56026.76172	504336.1	5409367.9
L4340.0	504336.1	5409369.2	75086.00000	273.82	0	48.837283	-86.940909	56040.91	56246.3	3.67	56044.58	56013.41797	56050.81236	56025.81250	504336.1	5409369.2
L4340.0	504336.1	5409370.7	75086.10156	275.63	0	48.837296	-86.940909	56040.14	56246.3	3.67	56043.81	56012.10156	56050.18494	56024.87500	504336.1	5409370.7
L4340.0	504336.2	5409371.7	75086.20313	274.23	0	48.837305	-86.940908	56039.86	56246.3	3.67	56043.53	56011.26953	56049.60531	56023.98828	504336.2	5409371.7
L4340.0	504336.2	5409371.7	75086.29688	273.74	0	48.837305	-86.940908	56039.07	56246.3	3.68	56042.75	56009.93750	56049.00520	56023.07813	504336.2	5409371.7
L4340.0	504336.2	5409373.1	75086.39844	274.19	0	48.837318	-86.940907	56038.00	56246.3	3.68	56041.68	56008.30859	56048.38912	56022.15234	504336.2	5409373.1
L4340.0	504336.3	5409374.2	75086.50000	272.87	0	48.837327	-86.940907	56036.92	56246.3	3.68	56040.60	56006.66797	56047.77881	56021.23047	504336.3	5409374.2
L4340.0	504336.3	5409374.2	75086.60156	272.61	0	48.837327	-86.940907	56035.73	56246.3	3.68	56039.42	56004.92578	56047.16538	56020.30859	504336.3	5409374.2
L4340.0	504336.3	5409375.9	75086.70313	273.78	0	48.837342	-86.940906	56035.02	56246.3	3.68	56038.71	56003.65234	56046.60628	56019.44141	504336.3	5409375.9
L4340.0	504336.4	5409377.5	75086.79688	273.57	0	48.837357	-86.940905	56034.19	56246.3	3.69	56037.87	56002.24219	56046.04102	56018.56641	504336.4	5409377.5
L4340.0	504336.4	5409378.6	75086.89844	273.12	0	48.837367	-86.940905	56033.40	56246.3	3.69	56037.09	56000.89453	56045.48688	56017.69922	504336.4	5409378.6
L4340.0	504336.4	5409378.6	75087.00000	274.46	0	48.837367	-86.940905	56032.87	56246.3	3.69	56036.56	55999.79297	56044.96091	56016.86719	504336.4	5409378.6
L4340.0	504336.5	5409380.0	75087.10156	272.61	0	48.837380	-86.940904	56032.27	56246.3	3.69	56035.95	55998.60938	56044.43006	56016.02734	504336.5	5409380.0
L4340.0	504336.6	5409381.3	75087.20313	271.70	0	48.837392	-86.940903	56031.25	56246.3	3.69	56034.94	55997.02344	56043.86345	56015.14844	504336.6	5409381.3
L4340.0	504336.6	5409381.3	75087.29688	272.40	0	48.837392	-86.940903	56030.30	56246.3	3.68	56033.98	55995.48438	56043.31104	56014.28906	504336.6	5409381.3
L4340.0	504336.6	5409383.0	75087.39844	274.16	0	48.837407	-86.940902	56029.38	56246.3	3.68	56033.06	55993.98828	56042.77486	56013.44531	504336.6	5409383.0
L4340.0	504336.7	5409384.4	75087.50000	272.25	0	48.837419	-86.940902	56028.42	56246.3	3.68	56032.10	55992.44922	56042.25033	56012.61328	504336.7	5409384.4
L4340.0	504336.7	5409384.4	75087.60156	272.01	0	48.837419	-86.940902	56027.46	56246.3	3.68	56031.14	55990.90625	56041.74519	56011.80469	504336.7	5409384.4
L4340.0	504336.7	5409385.6	75087.60156	272.01	0	48.837430	-86.940901	56026.50	56246.3	3.68	56030.18	55989.36719	56041.26355	56011.01563	504336.7	5409385.6
L4340.0	504336.7	5409387.1	75087.79688	273.86	0	48.837444	-86.940900	56025.69	56246.3	3.67	56029.36	55987.96484	56040.82041	56010.26953	504336.7	5409387.1
L4340.0	504336.8	5409388.1	75087.89844	272.88	0	48.837453	-86.940900	56024.68	56246.3	3.67	56028.35	55986.37500	56040.39299	56009.53906	504336.8	5409388.1

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4340.0	504336.8	5409388.1	75088.00000	271.54	0	48.837453	-86.940900	56023.77	56246.3	3.67	56027.44	55984.88281	56040.00500	56008.84766	504336.8	5409388.1
L4340.0	504336.8	5409389.4	75088.10156	272.44	0	48.837465	-86.940900	56023.00	56246.3	3.67	56026.67	55983.53125	56039.65610	56008.19531	504336.8	5409389.4
L4340.0	504336.8	5409390.5	75088.20313	274.18	0	48.837475	-86.940899	56022.15	56246.3	3.67	56025.82	55982.10156	56039.33726	56007.57813	504336.8	5409390.5
L4340.0	504336.9	5409391.8	75088.29688	273.94	0	48.837486	-86.940899	56021.16	56246.3	3.66	56024.82	55980.52344	56039.05227	56006.99609	504336.9	5409391.8
L4340.0	504336.9	5409393.1	75088.39844	273.75	0	48.837497	-86.940898	56020.23	56246.3	3.66	56023.89	55979.01563	56038.80658	56006.45313	504336.9	5409393.1
L4340.0	504336.9	5409393.1	75088.50000	272.63	0	48.837497	-86.940898	56019.39	56246.3	3.66	56023.05	55977.59766	56038.59485	56005.94531	504336.9	5409393.1
L4340.0	504336.9	5409394.6	75088.60156	270.59	0	48.837511	-86.940898	56018.31	56246.3	3.66	56021.96	55975.92969	56038.42816	56005.48438	504336.9	5409394.6
L4340.0	504337.0	5409396.2	75088.70313	269.51	0	48.837525	-86.940897	56017.92	56246.3	3.66	56021.58	55974.97656	56038.24739	56005.01172	504337.0	5409396.2
L4340.0	504337.0	5409397.8	75088.79688	266.54	0	48.837540	-86.940897	56016.98	56246.3	3.65	56020.64	55973.46484	56037.51850	56003.99219	504337.0	5409397.8
L4340.0	504337.0	5409397.8	75088.89844	267.21	0	48.837540	-86.940897	56015.70	56246.3	3.65	56019.35	55971.60547	56037.30690	56003.49609	504337.0	5409397.8
L4340.0	504337.1	5409399.6	75089.00000	266.06	0	48.837556	-86.940896	56014.61	56246.3	3.65	56018.26	55969.94922	56037.16064	56003.06250	504337.1	5409399.6
L4340.0	504337.1	5409399.6	75089.10156	263.42	0	48.837556	-86.940896	56013.63	56246.3	3.65	56017.28	55968.40234	56037.05167	56002.66797	504337.1	5409399.6
L4340.0	504337.1	5409400.9	75089.20313	258.04	0	48.837568	-86.940896	56012.94	56246.3	3.65	56016.59	55967.15234	56036.99032	56002.32813	504337.1	5409400.9
L4340.0	504337.1	5409402.2	75089.29688	256.37	0	48.837580	-86.940895	56012.08	56246.3	3.65	56015.73	55965.73438	56036.90646	56001.96484	504337.1	5409402.2
L4340.0	504337.1	5409402.2	75089.39844	255.98	0	48.837580	-86.940895	56011.47	56246.3	3.65	56015.12	55964.57031	56036.84219	56001.62500	504337.1	5409402.2
L4340.0	504337.2	5409403.4	75089.50000	258.75	0	48.837590	-86.940895	56010.46	56246.3	3.65	56014.11	55963.01172	56036.72796	56001.23438	504337.2	5409403.4
L4340.0	504337.2	5409404.8	75089.60156	260.25	0	48.837603	-86.940894	56009.78	56246.3	3.65	56013.43	55961.78516	56036.62641	56000.86328	504337.2	5409404.8
L4340.0	504337.2	5409406.3	75089.60156	260.25	0	48.837617	-86.940894	56009.00	56246.3	3.65	56012.65	55960.46484	56036.49799	56000.46484	504337.2	5409406.3
L4340.0	504337.2	5409406.3	75089.79688	259.16	0	48.837617	-86.940894	56008.01	56246.3	3.65	56011.66	55958.93750	56036.33859	56000.03906	504337.2	5409406.3
L4340.0	504337.3	5409408.0	75089.89844	256.08	0	48.837632	-86.940893	56006.87	56246.3	3.65	56010.52	55957.26563	56036.15341	55999.59375	504337.3	5409408.0
L4340.0	504337.3	5409409.8	75090.00000	254.19	0	48.837647	-86.940893	56005.76	56246.3	3.65	56009.41	55955.62891	56035.95070	55999.12891	504337.3	5409409.8
L4340.0	504337.3	5409409.8	75090.10156	256.49	0	48.837647	-86.940893	56004.87	56246.3	3.65	56008.52	55954.21875	56035.73582	55998.66016	504337.3	5409409.8
L4340.0	504337.3	5409411.1	75090.20313	257.20	0	48.837660	-86.940892	56003.91	56246.3	3.65	56007.57	55952.75391	56035.50266	55998.17188	504337.3	5409411.1
L4340.0	504337.3	5409412.7	75090.29688	258.66	0	48.837674	-86.940892	56003.13	56246.3	3.65	56006.78	55951.45703	56035.26311	55997.68359	504337.3	5409412.7
L4340.0	504337.3	5409414.1	75090.39844	260.65	0	48.837686	-86.940892	56002.19	56246.3	3.65	56005.85	55950.02344	56035.02199	55997.19531	504337.3	5409414.1
L4340.0	504337.3	5409414.1	75090.50000	262.60	0	48.837686	-86.940892	56001.38	56246.3	3.65	56005.04	55948.71875	56034.78884	55996.71875	504337.3	5409414.1
L4340.0	504337.3	5409415.4	75090.60156	262.23	0	48.837698	-86.940892	56000.42	56246.3	3.66	56004.07	55947.26172	56034.56529	55996.25781	504337.3	5409415.4
L4340.0	504337.3	5409416.5	75090.70313	262.23	0	48.837708	-86.940892	55999.56	56246.3	3.66	56003.22	55945.93359	56034.35901	55995.81641	504337.3	5409416.5
L4340.0	504337.3	5409416.5	75090.79688	259.37	0	48.837708	-86.940892	55998.57	56246.3	3.66	56002.23	55944.46875	56034.17688	55995.40234	504337.3	5409416.5
L4340.0	504337.3	5409419.4	75090.89844	262.07	0	48.837734	-86.940892	55997.96	56246.3	3.66	56001.62	55943.39453	56034.00099	55994.99609	504337.3	5409419.4
L4340.0	504337.3	5409419.4	75091.00000	261.78	0	48.837734	-86.940892	55997.52	56246.3	3.66	56001.18	55942.49609	56033.81655	55994.58984	504337.3	5409419.4
L4340.0	504337.3	5409420.6	75091.10156	263.72	0	48.837745	-86.940892	55996.75	56246.3	3.66	56000.41	55941.27734	56033.61882	55994.17188	504337.3	5409420.6
L4340.0	504337.3	5409422.0	75091.20313	265.52	0	48.837757	-86.940893	55995.46	56246.3	3.65	55999.11	55939.53906	56033.40366	55993.73828	504337.3	5409422.0
L4340.0	504337.3	5409422.0	75091.29688	265.15	0	48.837757	-86.940893	55994.32	56246.4	3.65	55997.97	55937.96875	56033.14196	55993.26563	504337.3	5409422.0
L4340.0	504337.3	5409423.5	75091.39844	264.03	0	48.837771	-86.940893	55993.64	56246.4	3.64	55997.29	55936.86719	56032.80947	55992.72656	504337.3	5409423.5
L4340.0	504337.2	5409425.5	75091.50000	261.77	0	48.837789	-86.940893	55992.75	56246.4	3.64	55996.39	55935.55469	56032.40452	55992.12109	504337.2	5409425.5
L4340.0	504337.2	5409427.0	75091.60156	258.76	0	48.837802	-86.940893	55991.92	56246.4	3.64	55995.56	55934.32422	56031.90347	55991.42188	504337.2	5409427.0
L4340.0	504337.2	5409427.0	75091.60156	258.76	0	48.837802	-86.940893	55991.16	56246.4	3.64	55994.80	55933.17188	56031.30086	55990.62500	504337.2	5409427.0
L4340.0	504337.2	5409428.1	75091.79688	254.99	0	48.837813	-86.940894	55990.46	56246.4	3.63	55994.09	55932.08203	56030.59344	55989.72656	504337.2	5409428.1
L4340.0	504337.2	5409429.3	75091.89844	254.55	0	48.837823	-86.940894	55989.82	56246.4	3.62	55993.44	55931.05859	56029.77659	55988.72656	504337.2	5409429.3
L4340.0	504337.2	5409430.7	75092.00000	254.85	0	48.837836	-86.940894	55988.71	56246.4	3.62	55992.33	55929.58984	56028.84111	55987.60938	504337.2	5409430.7
L4340.0	504337.2	5409430.7	75092.10156	254.43	0	48.837836	-86.940894	55987.80	56246.4	3.62	55991.42	55928.33203	56027.81525	55986.41016	504337.2	5409430.7
L4340.0	504337.2	5409432.1	75092.20313	254.25	0	48.837848	-86.940894	55987.02	56246.4	3.62	55990.64	55927.21484	56026.72432	55985.14844	504337.2	5409432.1
L4340.0	504337.2	5409433.3	75092.29688	258.08	0	48.837859	-86.940894	55986.48	56246.4	3.63	55990.11	55926.35938	56025.60518	55983.86328	504337.2	5409433.3
L4340.0	504337.2	5409433.3	75092.39844	261.21	0	48.837859	-86.940894	55985.39	56246.4	3.63	55989.02	55924.95703	56024.38973	55982.48828	504337.2	5409433.3
L4340.0	504337.1	5409435.2	75092.50000	264.13	0	48.837877	-86.940894	55984.74	56246.4	3.63	55988.37	55924.00391	56023.20567	55981.15234	504337.1	5409435.2
L4340.0	504337.1	5409436.6	75092.60156	266.76	0	48.837889	-86.940895	55984.23	56246.4	3.63	55987.87	55923.21484	56022.05383	55979.85156	504337.1	5409436.6
L4340.0	504337.1	5409438.4	75092.70313	269.11	0	48.837905	-86.940895	55983.57	56246.4	3.63	55987.21	55922.27734	56020.90732	55978.55859	504337.1	5409438.4
L4340.0	504337.1	5409438.4	75092.79688	272.77	0	48.837905	-86.940895	55982.74	56246.4	3.64	55986.37	55921.17188	56022.41362	55979.92578	504337.1	5409438.4
L4340.0	504337.1	5409440.1	75092.89844	274.78	0	48.837920	-86.940895	55981.75	56246.4	3.64	55985.39	55919.94141	56021.40592	55978.78516	504337.1	5409440.1
L4340.0	504337.1	5409441.3	75093.00000	277.73	0	48.837931	-86.940895	55981.17	56246.4	3.64	55984.81	55919.12500	56020.48027	55977.73047	504337.1	5409441.3
L4340.0	504337.1	5409441.3	75093.10156	278.59	0	48.837931	-86.940895	55980.79	56246.4	3.64	55984.43	55918.51953	56019.68522	55976.81250	504337.1	5409441.3
L4340.0	504337.0	5409443.6	75093.20313	278.60	0	48.837952	-86.940896	55980.46	56246.4	3.64	55984.10	55917.98047	56019.04863	55976.05859	504337.0	5409443.6
L4340.0	504337.0	5409445.3	75093.29688	280.53	0	48.837967	-86.940896	55980.08	56246.4	3.64	55983.72	55917.40234	56018.59075	55975.49219	504337.0	5409445.3
L4340.0	504337.0	5409445.3	75093.39844	278.81	0	48.837967	-86.940896	55979.48	56246.4	3.64	55983.11	55916.60938	56018.32855	55975.12109	504337.0	5409445.3
L4340.0	504336.9	5409447.0	75093.50000	274.71	0	48.837982	-86.940897	55978.87	56246.4	3.64	55982.50	55915.83203	56018.27335	55974.96875	504336.9	5409447.0
L4340.0	504336.9	5409448.4	75093.60156	271.01	0	48.837995	-86.940898	55978.19	56246.4	3.63	55981.82	55914.99609	56018.43439	55975.03516	504336.9	5409448.4
L4340.0	504336.9	5409448.4	75093.60156	271.01	0	48.837995	-86.940898	55977.76	56246.4	3.63	55981.39	55914.42578	56018.81611	55975.32813	504336.9	5409448.4
L4340.0	504336.8	5409450.5	75093.79688	268.87	0	48.838014	-86.940899	55977.33	56246.4	3.63	55980.96	55913.87109	56019.42124	55975.84766	504336.8	5409450.5
L4340.0	504336.8	5409451.7	75093.89844	265.27	0	48.838025	-86.940899	55976.97	56246.4	3.63	55980.60	55913.39844	56020.21926	55976.57031	504336.8	5409451.7
L4340.0	504336.7	5409453.1	75094.00000	264.93	0	48.838037	-86.940900	55976.46	56246.4	3.63	55980.09	55912.79297	56017.90662	55974.18359	504336.7	5409453.1
L4340.0	504336.7	5409454.4	75094.10156	263.51	0	48.838049	-86.940900	55976.01	56246.4	3.63	55979.64	55912.26172	56018.86749	55975.08203	504336.7	5409454.4
L4340.0	504336.7	5409454.4	75094.20313	264.71	0	48.838049	-86.940900	55975.53	56246.4	3.63	55979.16	55911.71484	56019.92592	55976.07813	504336.7	5409454.4
L4340.0	504336.6	5409456.1	75094.29688	262.61	0	48.838065	-86.940901	55975.43	56246.4	3.63	55979.06	55911.56641	56021.10623	55977.20703	504336.6	5409456.1
L4340.0	504336.5	5409457.6	75094.39844	261.02	0	48.838078	-86.940902	55975.40	56246.4	3.63	55979.03	55911.50000	56022.31805	55978.37109	504336.5	5409457.6
L4340.0	504336.5	5409457.6	75094.50000	259.64	0	48.838078	-86.940902	55975.13	56246.4	3.63	55978.76	55911.21094	56023.50367	55979.51172	504336.5	5409457.6
L4340.0	504336.5	5409459.1	75094.60156	258.09	0	48.838091	-86.940903	55974.82	56246.4	3.63	55978.45	55910.89453	56024.65975	55980.63281	504336.5	5409459.1
L4340.0	504336.5	5409460.2	75094.70313	257.84	0	48.838101	-86.940904	55974.62	56246.4	3.63	55978.25	55910.70703	56025.77292	55981.71875	504336.5	5409460.2
L4340.0	504336.4	5409461.9	75094.79688	258.74	0	48.838116	-86.940904	55974.70	56246.4	3.63	55978.32	55910.80078	56026.81746	55982.73828	504336.4	5409461.9
L4340.0	504336.4	5409461.9	75094.89844	256.31	0	48.838116	-86.940904	55974.54	56246.4	3.63	55978.17	55910.69531	56027.76322	55983.66406	504336.4	5409461.9
L4340.0	504336.3	5409463.6	75095.00000	257.42	0	48.838132	-86.940905	55974.52	56246.4	3.63	55978.15	55910.73438	56028.61314	55984.50391	504336.3	5409463.6
L4340.0	504336.3	5409465.4	75095.10156	257.72	0	48.838148	-86.940906	55974.46	56246.4	3.63	55978.09	55910.74609	56029.37599	55985.26172	504336.3	5409465.4
L4340.0	504336.3	5409466.8	75095.20313	256.94	0	48.838160	-86.940906	55974.44	56246.4	3.63	55978.07	55910.81641	56030.06347	55985.94531	504336.3	5409466.8
L4340.0	504336.3	5409466.8	75095.29688	257.86	0	48.838160	-86.940906	55974.42	56246.4	3.63	55978.05	55910.90234	56030.68018	55986.57031	504336.3	5409466.8
L4340.0	504336.2	5409469.0	75095.39844	256.04	0	48.838180	-86.940906	55974.14	56246.4	3.63	55977.77	55910.74609	56030.85122	55986.75391	504336.2	5409469.0
L4340.0	504336.2	5409470.6	75095.50000	255.69	0	48.838195	-86.940907	55974.59	56246.4	3.63	55978.22	55911.33203	56030.94695	55986.86719	504336.2	5409470.6
L4340.0	504336.2	5409470.6	75095.60156	255.46	0	48.838195	-86.940907	55974.88	56246.4	3.63	55978.50	55911.76563	56031.06746	55987.01172	504336.2	5409470.6
L4340.0	504336.2	5409471.8	75095.60156	255.46	0	48.838206	-86.940907	55975.23	56246.4	3.63	55978.86	55912.29688	56031.19609	55987.16797	504336.2	5409471.8
L4340.0	504336.2	5409473.2	75095.79688	255.95	0	48.838218	-86.940907	55974.95	56246.4	3.63	55978.57	55912.19141	56031.38151	55987.39063	504336.2	5409473.2
L4340.0	504336.2	5409473.2	75095.89844	254.96	0	48.838218	-86.940907	55975.02	56246.4	3.63	55978.65	55912.47266	56031.55572	55987.60547	504336.2	5409473.2
L4340.0	504336.2	5409474.8	75096.00000	255.07	0	48.838233	-86.940907	55975.10	56246.4	3.63	55978.73	55912.76953	56031.74336	55987.83984	504336.2	5409474.8
L4340.0	504336.2	5409476.7	75096.10156	256.33	0	48.838249	-86.940907	55975.88	56246.4	3.63	55979.51	55913.78125	56031.89776	55988.05078	504336.2	5409476.7
L4340.0	504336.2	5409477.9	75096.20313	256.26	0	48.838260	-86.940907	55976.16	56246.4	3.63	55979.79	55914.31250	56032.09888	55988.30859	504336.2	5409477.9
L4340.0	504336.2	5409477.9	75096.29688	255.77	0	48.838260	-86.940907	55976.62	56246.4	3.62	55980.24	55915.02344	56032.30200	55988.57813	504336.2	5409477.9
L4340.0	504336.2	5409479.6	75096.39844	254.62	0	48.838275	-86.940907	55977.43	56246.4	3.62	55981.05	55916.11328	56032.49443	55988.83984	504336.2	5409479.6
L4340.0	504336.2	5409481.0	75096.50000	254.35	0	48.838288	-86.940907	55977.86	56246.4	3.62	55981.48	55916.83984	56032.17823	55988.60156	504336.2	5409481.0
L4340.0	504336.2	5409481.0	75096.60156	253.99	0	48.838288	-86.940907	55978.36	56246.4	3.62	55981.98	55917.64844	56031.75955	55988.26563	504336.2	5409481.0
L4340.0	504336.2	5409482.1	75096.70313	255.95	0	48.838299	-86.940907	55978.56	56246.4	3.62	55982.18	55918.17578	56031.26503	55987.85938	504336.2	5409482.1
L4340.0	504336.2	5409484.0	75096.79688	256.40	0	48.838315	-86.940907	55979.27	56246.4	3.61	55982.89	55919.22656	56030.67441	55987.36328	504336.2	5409484.0
L4340.0	504336.2	5409484.0	75096.89844	258.84	0	48.838315	-86.940907	55979.63	56246.4	3.61	55983.24	55919.93359	56030.00795	55986.79297	504336.2	5409484.0
L4340.0	504336.2	5409485.7	75097.00000	259.77	0	48.838331	-86.940906	55980.26	56246.4	3.61	55983.87	55920.93359	56029.26944	55986.16016	504336.2	5409485.7
L4340.0	504336.2	5409487.4	75097.10156	259.27	0	48.838345	-86.940906	55980.99	56246.4	3.61	55984.60	55922.05078	56028.47064	55985.47266	504336.2	5409487.4
L4340.0	504336.2	5409487.4	75097.20313	258.42	0	48.838345	-86.940906	55981.68	56246.4	3.61	55985.29	55923.14063	56027.61660	55984.73438	504336.2	5409487.4

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4340.0	504336.3	5409489.4	75097.29688	258.45	0	48.838364	-86.940906	55982.82	56246.4	3.61	55986.43	55924.69531	56026.77691	55984.01563	504336.3	5409489.4
L4340.0	504336.3	5409489.4	75097.39844	261.34	0	48.838364	-86.940906	55983.32	56246.4	3.61	55986.93	55925.62109	56025.85095	55983.21484	504336.3	5409489.4
L4340.0	504336.3	5409491.0	75097.50000	262.46	0	48.838378	-86.940906	55984.11	56246.4	3.61	55987.72	55926.85547	56024.95801	55982.45313	504336.3	5409491.0
L4340.0	504336.3	5409492.5	75097.60156	266.47	0	48.838391	-86.940906	55984.84	56246.4	3.62	55988.46	55928.05078	56027.32754	55984.96094	504336.3	5409492.5
L4340.0	504336.3	5409494.0	75097.60156	266.47	0	48.838405	-86.940905	55986.11	56246.4	3.62	55989.72	55929.78516	56026.31868	55984.09375	504336.3	5409494.0
L4340.0	504336.3	5409495.5	75097.79688	271.92	0	48.838419	-86.940905	55986.74	56246.4	3.62	55990.36	55930.90625	56025.41628	55983.33984	504336.3	5409495.5
L4340.0	504336.3	5409495.5	75097.89844	275.38	0	48.838419	-86.940905	55987.49	56246.4	3.62	55991.11	55932.15625	56024.58859	55982.66406	504336.3	5409495.5
L4340.0	504336.3	5409496.9	75098.00000	274.79	0	48.838432	-86.940905	55988.28	56246.4	3.62	55991.90	55933.45703	56023.86628	55982.09766	504336.3	5409496.9
L4340.0	504336.3	5409496.9	75098.10156	274.29	0	48.838432	-86.940905	55989.27	56246.4	3.62	55992.89	55934.96875	56023.28892	55981.68359	504336.3	5409496.9
L4340.0	504336.4	5409498.7	75098.20313	275.46	0	48.838447	-86.940904	55990.48	56246.4	3.62	55994.10	55936.71484	56022.89115	55981.45313	504336.4	5409498.7
L4340.0	504336.4	5409500.3	75098.29688	276.68	0	48.838462	-86.940904	55991.29	56246.4	3.62	55994.90	55938.06250	56022.60295	55981.33594	504336.4	5409500.3
L4340.0	504336.4	5409501.5	75098.39844	280.48	0	48.838473	-86.940904	55992.38	56246.4	3.62	55996.00	55939.72656	56022.52203	55981.42969	504336.4	5409501.5
L4340.0	504336.4	5409503.0	75098.50000	280.11	0	48.838486	-86.940903	55993.64	56246.4	3.62	55997.26	55941.55859	56022.63835	55981.73047	504336.4	5409503.0
L4340.0	504336.4	5409503.0	75098.60156	280.92	0	48.838486	-86.940903	55995.29	56246.4	3.61	55998.90	55943.78125	56022.99909	55982.27344	504336.4	5409503.0
L4340.0	504336.5	5409504.9	75098.70313	278.76	0	48.838503	-86.940903	55996.42	56246.4	3.61	56000.04	55945.51953	56023.41269	55982.87891	504336.5	5409504.9
L4340.0	504336.5	5409504.9	75098.79688	280.65	0	48.838503	-86.940903	55997.69	56246.4	3.61	56001.30	55947.38281	56023.98467	55983.64453	504336.5	5409504.9
L4340.0	504336.6	5409507.3	75098.89844	280.58	0	48.838525	-86.940902	55998.60	56246.4	3.61	56002.21	55948.91406	56024.59195	55984.44922	504336.6	5409507.3
L4340.0	504336.6	5409507.3	75099.00000	279.99	0	48.838525	-86.940902	55999.54	56246.4	3.61	56003.15	55950.48047	56025.30663	55985.36719	504336.6	5409507.3
L4340.0	504336.6	5409508.9	75099.10156	279.73	0	48.838539	-86.940901	56000.82	56246.4	3.61	56004.43	55952.39844	56026.18421	55986.45313	504336.6	5409508.9
L4340.0	504336.7	5409510.4	75099.20313	277.85	0	48.838552	-86.940900	56002.12	56246.4	3.61	56005.73	55954.34766	56027.14065	55987.62109	504336.7	5409510.4
L4340.0	504336.7	5409511.6	75099.29688	277.79	0	48.838563	-86.940900	56003.25	56246.4	3.61	56006.86	55956.13672	56028.12514	55988.82031	504336.7	5409511.6
L4340.0	504336.7	5409511.6	75099.39844	277.16	0	48.838563	-86.940900	56004.62	56246.4	3.61	56008.24	55958.18359	56029.21749	55990.12891	504336.7	5409511.6
L4340.0	504336.8	5409513.2	75099.50000	274.40	0	48.838578	-86.940899	56005.78	56246.4	3.62	56009.40	55960.01953	56030.31199	55991.44531	504336.8	5409513.2
L4340.0	504336.8	5409515.0	75099.60156	271.86	0	48.838595	-86.940898	56006.64	56246.4	3.62	56010.26	55961.56641	56031.39501	55992.75391	504336.8	5409515.0
L4340.0	504336.8	5409515.0	75099.60156	271.86	0	48.838595	-86.940898	56007.93	56246.4	3.62	56011.55	55963.55078	56032.58796	55994.17969	504336.8	5409515.0
L4340.0	504336.9	5409516.7	75099.79688	271.17	0	48.838609	-86.940897	56009.70	56246.4	3.62	56013.32	55966.02344	56033.86744	55995.69141	504336.9	5409516.7
L4340.0	504337.0	5409518.6	75099.89844	271.29	0	48.838626	-86.940896	56011.38	56246.4	3.62	56014.99	55968.40234	56035.12626	55997.18359	504337.0	5409518.6
L4340.0	504337.0	5409518.6	75100.00000	270.93	0	48.838626	-86.940896	56012.77	56246.4	3.62	56016.39	55970.51953	56036.34201	55998.64063	504337.0	5409518.6
L4340.0	504337.1	5409520.7	75100.10156	270.62	0	48.838645	-86.940895	56013.93	56246.4	3.62	56017.55	55972.40625	56037.52303	56000.06641	504337.1	5409520.7
L4340.0	504337.1	5409522.3	75100.20313	271.82	0	48.838660	-86.940894	56015.24	56246.4	3.62	56018.86	55974.44922	56038.70311	56001.49219	504337.1	5409522.3
L4340.0	504337.2	5409523.3	75100.29688	273.25	0	48.838669	-86.940893	56016.68	56246.4	3.62	56020.30	55976.62500	56039.87472	56002.91016	504337.2	5409523.3
L4340.0	504337.2	5409523.3	75100.39844	274.11	0	48.838669	-86.940893	56018.15	56246.4	3.62	56021.77	55978.83984	56041.02788	56004.31641	504337.2	5409523.3
L4340.0	504337.2	5409525.0	75100.50000	273.84	0	48.838684	-86.940893	56019.44	56246.4	3.62	56023.06	55980.87891	56042.15919	56005.70313	504337.2	5409525.0
L4340.0	504337.3	5409526.3	75100.60156	272.46	0	48.838696	-86.940892	56020.75	56246.4	3.62	56024.37	55982.94531	56043.27824	56007.07813	504337.3	5409526.3
L4340.0	504337.3	5409526.3	75100.70313	272.46	0	48.838696	-86.940892	56022.00	56246.4	3.62	56025.62	55984.95703	56044.38881	56008.44922	504337.3	5409526.3
L4340.0	504337.3	5409528.0	75100.79688	271.21	0	48.838711	-86.940891	56023.62	56246.4	3.62	56027.24	55987.34375	56045.47397	56009.79688	504337.3	5409528.0
L4340.0	504337.3	5409529.4	75100.89844	267.74	0	48.838724	-86.940891	56025.19	56246.4	3.62	56028.81	55989.68359	56046.54385	56011.12891	504337.3	5409529.4
L4340.0	504337.3	5409529.4	75101.00000	264.58	0	48.838724	-86.940891	56026.52	56246.4	3.62	56030.14	55991.78516	56046.81334	56011.66406	504337.3	5409529.4
L4340.0	504337.4	5409530.9	75101.10156	262.98	0	48.838738	-86.940890	56028.05	56246.4	3.62	56031.67	55994.09375	56047.95707	56013.07813	504337.4	5409530.9
L4340.0	504337.4	5409532.2	75101.20313	264.05	0	48.838749	-86.940890	56029.54	56246.4	3.62	56033.16	55996.36719	56049.07779	56014.46875	504337.4	5409532.2
L4340.0	504337.5	5409533.7	75101.29688	264.79	0	48.838763	-86.940889	56030.92	56246.4	3.62	56034.54	55998.53125	56050.16594	56015.83203	504337.5	5409533.7
L4340.0	504337.5	5409535.0	75101.39844	265.96	0	48.838774	-86.940889	56031.91	56246.4	3.62	56035.53	56000.30859	56051.18596	56017.12500	504337.5	5409535.0
L4340.0	504337.5	5409535.0	75101.50000	265.96	0	48.838774	-86.940889	56033.31	56246.4	3.62	56036.93	56002.49609	56052.23908	56018.45703	504337.5	5409535.0
L4340.0	504337.5	5409536.5	75101.60156	264.58	0	48.838787	-86.940888	56034.59	56246.4	3.62	56038.21	56004.57031	56053.24944	56019.74219	504337.5	5409536.5
L4340.0	504337.6	5409538.0	75101.60156	264.58	0	48.838801	-86.940887	56035.94	56246.4	3.62	56039.56	56006.71094	56054.23191	56021.00391	504337.6	5409538.0
L4340.0	504337.6	5409539.9	75101.79688	263.46	0	48.838818	-86.940887	56037.40	56246.4	3.62	56041.02	56008.96875	56055.18070	56022.23438	504337.6	5409539.9
L4340.0	504337.6	5409539.9	75101.89844	259.73	0	48.838818	-86.940887	56038.62	56246.4	3.62	56042.24	56010.98438	56056.07439	56023.41016	504337.6	5409539.9
L4340.0	504337.7	5409541.6	75102.00000	258.98	0	48.838833	-86.940886	56039.70	56246.4	3.62	56043.32	56012.85938	56056.92486	56024.54688	504337.7	5409541.6
L4340.0	504337.7	5409543.0	75102.10156	256.90	0	48.838846	-86.940886	56041.27	56246.4	3.62	56044.89	56015.22656	56057.74477	56025.64844	504337.7	5409543.0
L4340.0	504337.7	5409544.7	75102.20313	256.11	0	48.838862	-86.940885	56042.84	56246.4	3.62	56046.46	56017.59375	56058.51926	56026.71094	504337.7	5409544.7
L4340.0	504337.7	5409544.7	75102.29688	256.39	0	48.838862	-86.940885	56044.46	56246.4	3.61	56048.07	56020.00000	56059.25326	56027.73047	504337.7	5409544.7
L4340.0	504337.8	5409546.1	75102.39844	256.14	0	48.838874	-86.940885	56046.03	56246.4	3.61	56049.64	56022.36328	56059.95260	56028.71875	504337.8	5409546.1
L4340.0	504337.8	5409546.1	75102.50000	256.46	0	48.838874	-86.940885	56047.27	56246.4	3.61	56050.88	56024.39844	56060.62845	56029.67969	504337.8	5409546.1
L4340.0	504337.8	5409547.5	75102.60156	254.75	0	48.838887	-86.940884	56048.48	56246.4	3.61	56052.08	56026.39453	56061.28507	56030.62500	504337.8	5409547.5
L4340.0	504337.9	5409549.2	75102.70313	256.95	0	48.838902	-86.940883	56049.69	56246.4	3.61	56053.30	56028.40625	56061.92598	56031.55469	504337.9	5409549.2
L4340.0	504337.9	5409550.7	75102.79688	256.41	0	48.838915	-86.940883	56050.96	56246.4	3.60	56054.57	56030.46484	56062.55430	56032.47266	504337.9	5409550.7
L4340.0	504337.9	5409550.7	75102.89844	254.65	0	48.838915	-86.940883	56052.60	56246.4	3.60	56056.20	56032.88281	56063.16955	56033.37891	504337.9	5409550.7
L4340.0	504338.0	5409552.7	75103.00000	257.37	0	48.838933	-86.940882	56053.87	56246.4	3.60	56057.47	56034.93750	56063.78528	56034.28516	504338.0	5409552.7
L4340.0	504338.1	5409554.5	75103.10156	257.23	0	48.838950	-86.940881	56055.24	56246.4	3.60	56058.84	56037.08984	56064.39806	56035.18750	504338.1	5409554.5
L4340.0	504338.1	5409554.5	75103.20313	260.71	0	48.838950	-86.940881	56056.50	56246.4	3.61	56060.10	56039.12891	56065.01195	56036.08984	504338.1	5409554.5
L4340.0	504338.1	5409556.5	75103.29688	262.51	0	48.838967	-86.940880	56057.87	56246.4	3.61	56061.48	56041.28516	56065.62752	56036.99609	504338.1	5409556.5
L4340.0	504338.2	5409558.5	75103.39844	262.44	0	48.838986	-86.940879	56058.88	56246.4	3.61	56062.49	56043.06641	56066.24585	56037.90625	504338.2	5409558.5
L4340.0	504338.2	5409558.5	75103.50000	263.26	0	48.838986	-86.940879	56060.12	56246.4	3.61	56063.74	56045.08594	56066.86648	56038.81641	504338.2	5409558.5
L4340.0	504338.3	5409559.8	75103.60156	262.99	0	48.838997	-86.940878	56061.62	56246.4	3.62	56065.23	56047.33984	56067.49056	56039.72656	504338.3	5409559.8
L4340.0	504338.3	5409561.9	75103.60156	262.99	0	48.839016	-86.940877	56062.85	56246.4	3.62	56066.47	56049.33594	56068.11422	56040.64063	504338.3	5409561.9
L4340.0	504338.3	5409561.9	75103.79688	263.00	0	48.839016	-86.940877	56064.04	56246.4	3.62	56067.66	56051.28125	56068.73681	56041.55078	504338.3	5409561.9
L4340.0	504338.4	5409564.1	75103.89844	262.13	0	48.839036	-86.940876	56065.28	56246.4	3.63	56068.90	56053.26953	56069.35781	56042.46094	504338.4	5409564.1
L4340.0	504338.5	5409565.9	75104.00000	260.80	0	48.839052	-86.940875	56066.18	56246.4	3.63	56069.81	56054.92188	56069.97288	56043.35938	504338.5	5409565.9
L4340.0	504338.5	5409567.2	75104.10156	260.64	0	48.839064	-86.940874	56067.13	56246.4	3.63	56070.76	56056.61328	56070.58437	56044.25781	504338.5	5409567.2
L4340.0	504338.5	5409567.2	75104.20313	260.35	0	48.839064	-86.940874	56068.29	56246.4	3.63	56071.91	56058.49219	56071.19265	56045.15234	504338.5	5409567.2
L4340.0	504338.6	5409569.1	75104.29688	260.30	0	48.839081	-86.940874	56069.61	56246.4	3.63	56073.23	56060.53906	56071.79658	56046.03906	504338.6	5409569.1
L4340.0	504338.6	5409569.1	75104.39844	261.02	0	48.839081	-86.940874	56070.64	56246.4	3.63	56074.27	56062.29688	56072.39412	56046.91797	504338.6	5409569.1
L4340.0	504338.6	5409570.8	75104.50000	260.90	0	48.839096	-86.940873	56071.75	56246.4	3.63	56075.38	56064.12109	56072.98785	56047.79297	504338.6	5409570.8
L4340.0	504338.6	5409572.3	75104.60156	259.58	0	48.839110	-86.940873	56072.89	56246.4	3.62	56076.51	56065.95703	56073.57876	56048.66406	504338.6	5409572.3
L4340.0	504338.6	5409572.3	75104.70313	255.83	0	48.839110	-86.940873	56074.08	56246.4	3.62	56077.70	56067.84766	56074.16873	56049.53516	504338.6	5409572.3
L4340.0	504338.7	5409573.7	75104.79688	255.20	0	48.839122	-86.940872	56074.89	56246.4	3.62	56078.51	56069.34766	56074.75734	56050.39844	504338.7	5409573.7
L4340.0	504338.7	5409575.3	75104.89844	255.66	0	48.839136	-86.940872	56076.03	56246.4	3.62	56079.65	56071.17188	56075.35021	56051.26953	504338.7	5409575.3
L4340.0	504338.7	5409577.0	75105.00000	258.74	0	48.839152	-86.940871	56077.02	56246.4	3.62	56080.64	56072.83594	56075.94616	56052.13672	504338.7	5409577.0
L4340.0	504338.7	5409577.0	75105.10156	258.35	0	48.839152	-86.940871	56078.02	56246.4	3.62	56081.64	56074.50781	56076.54827	56053.01172	504338.7	5409577.0
L4340.0	504338.8	5409578.5	75105.20313	257.97	0	48.839165	-86.940871	56078.99	56246.4	3.62	56082.61	56076.13672	56077.15731	56053.89063	504338.8	5409578.5
L4340.0	504338.8	5409579.8	75105.29688	259.92	0	48.839177	-86.940870	56079.97	56246.4	3.63	56083.60	56077.77734	56077.77584	56054.78125	504338.8	5409579.8
L4340.0	504338.8	5409579.8	75105.39844	261.65	0	48.839177	-86.940870	56081.21	56246.4	3.63	56084.84	56079.66016	56078.41639	56055.68750	504338.8	5409579.8
L4340.0	504338.8	5409581.6	75105.50000	263.24	0	48.839193	-86.940870	56082.05	56246.4	3.63	56085.68	56081.13672	56079.05141	56056.58594	504338.8	5409581.6
L4340.0	504338.9	5409583.6	75105.60156	265.32	0	48.839211	-86.940869	56083.04	56246.4	3.63	56086.67	56082.75391	56079.70553	56057.50391	504338.9	5409583.6
L4340.0	504338.9	5409583.6	75105.60156	265.32	0	48.839211	-86.940869	56083.99	56246.4	3.63	56087.62	56084.32031	56080.36939	56058.42969	504338.9	5409583.6
L4340.0	504338.9	5409585.0	75105.79688	264.37	0	48.839224	-86.940869	56084.88	56246.4	3.64	56088.51	56085.82031	56081.03969	56059.35547	504338.9	5409585.0
L4340.0	504339.0	5409586.5	75105.89844	264.23	0	48.839238	-86.940868	56085.56	56246.4	3.64	56089.20	56087.10938	56081.69860	56060.27344	504339.0	5409586.5
L4340.0	504339.0	5409588.0	75106.00000	264.81	0	48.839251	-86.940868	56086.30	56246.4	3.64	56089.94	56088.43750	56082.36748	56061.19531	504339.0	5409588.0
L4340.0	504339.0	5409589.7	75106.10156	267.13	0	48.839266	-86.940867	56087.32	56246.4	3.64	56090.95	56090.02734	56083.07796	56062.15625	504339.0	5409589.7
L4340.0	504339.0	5409589.7	75106.20313	268.74	0	48.839266	-86.940867	56088.09	56246.4	3.64	56091.73	56091.37891	56083.76437	56063.08984	504339.0	5409589.7
L4340.0	504339.0	5409590.8	75106.29688	268.25	0	48.839276	-86.940867	56089.03	56246.4	3.63	56092.66	56092.87109	56084.47890	56064.05078	504339.0	5409590.8
L4340.0	504339.0	5409590.8	75106.39844	266.86	0	48.839276	-86.940867	56089.88	56246.4	3.63	56093.51	56094.27344	56085.18473	56065.00391	504339.0	5409590.8
L4340.0	504339.1	5409592.4	75106.50000	267.75	0	48.839290	-86.940866	56091.10	56246.4	3.63	56094.73	56096.03516	56085.96594	56066.02344	504339.1	5409592.4

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4340.0	504339.1	5409594.1	75106.60156	268.22	0	48.839306	-86.940866	56091.79	56246.4	3.63	56095.41	56097.24609	56085.12608	56065.42188	504339.1	5409594.1
L4340.0	504339.2	5409595.7	75106.70313	267.95	0	48.839320	-86.940865	56092.22	56246.4	3.63	56095.85	56098.20703	56085.85471	56066.38672	504339.2	5409595.7
L4340.0	504339.2	5409597.4	75106.79688	267.32	0	48.839336	-86.940865	56092.80	56246.4	3.62	56096.43	56099.29688	56086.56011	56067.32422	504339.2	5409597.4
L4340.0	504339.2	5409597.4	75106.89844	268.56	0	48.839336	-86.940865	56093.56	56246.4	3.62	56097.18	56100.54688	56087.24928	56068.24219	504339.2	5409597.4
L4340.0	504339.2	5409598.9	75107.00000	266.93	0	48.839349	-86.940864	56094.32	56246.4	3.62	56097.94	56101.79688	56087.93119	56069.15234	504339.2	5409598.9
L4340.0	504339.3	5409600.7	75107.10156	268.10	0	48.839365	-86.940864	56094.72	56246.4	3.62	56098.34	56102.67969	56088.60118	56070.04688	504339.3	5409600.7
L4340.0	504339.3	5409601.8	75107.20313	266.99	0	48.839375	-86.940864	56095.50	56246.4	3.62	56099.12	56103.92969	56089.26342	56070.92969	504339.3	5409601.8
L4340.0	504339.3	5409601.8	75107.29688	269.62	0	48.839375	-86.940864	56096.32	56246.4	3.62	56099.94	56105.20703	56089.92120	56071.80469	504339.3	5409601.8
L4340.0	504339.3	5409603.5	75107.39844	273.64	0	48.839390	-86.940863	56097.22	56246.4	3.62	56100.84	56106.55859	56090.57813	56072.67578	504339.3	5409603.5
L4340.0	504339.3	5409605.3	75107.50000	274.61	0	48.839406	-86.940863	56097.78	56246.4	3.63	56101.41	56107.56641	56091.20873	56073.51953	504339.3	5409605.3
L4340.0	504339.3	5409605.3	75107.60156	275.41	0	48.839406	-86.940863	56098.49	56246.4	3.63	56102.12	56108.70313	56091.83785	56074.35547	504339.3	5409605.3
L4340.0	504339.3	5409607.2	75107.60156	275.41	0	48.839424	-86.940863	56099.17	56246.4	3.63	56102.79	56109.78906	56092.45282	56075.17578	504339.3	5409607.2
L4340.0	504339.4	5409609.0	75107.79688	274.14	0	48.839440	-86.940862	56099.55	56246.4	3.63	56103.17	56110.57422	56093.02501	56075.94922	504339.4	5409609.0
L4340.0	504339.4	5409610.6	75107.89844	275.50	0	48.839454	-86.940862	56100.01	56246.4	3.63	56103.64	56111.44141	56093.58757	56076.71094	504339.4	5409610.6
L4340.0	504339.4	5409610.6	75108.00000	275.54	0	48.839454	-86.940862	56100.72	56246.4	3.63	56104.35	56112.53516	56094.16099	56077.48047	504339.4	5409610.6
L4340.0	504339.4	5409612.8	75108.10156	273.15	0	48.839474	-86.940862	56101.20	56246.4	3.63	56104.83	56113.39063	56094.68866	56078.19922	504339.4	5409612.8
L4340.0	504339.4	5409612.8	75108.20313	274.66	0	48.839474	-86.940862	56101.57	56246.4	3.63	56105.20	56114.12500	56095.18078	56078.87891	504339.4	5409612.8
L4340.0	504339.4	5409614.9	75108.29688	275.12	0	48.839493	-86.940861	56102.43	56246.4	3.63	56106.06	56115.33594	56095.71933	56079.60156	504339.4	5409614.9
L4340.0	504339.5	5409616.3	75108.39844	273.95	0	48.839505	-86.940861	56102.69	56246.4	3.63	56106.31	56115.92969	56096.14888	56080.21094	504339.5	5409616.3
L4340.0	504339.5	5409616.3	75108.50000	271.62	0	48.839505	-86.940861	56103.22	56246.4	3.63	56106.84	56116.78906	56096.59085	56080.83203	504339.5	5409616.3
L4340.0	504339.5	5409618.0	75108.60156	274.11	0	48.839521	-86.940861	56103.68	56246.4	3.62	56107.30	56117.57031	56096.99207	56081.40625	504339.5	5409618.0
L4340.0	504339.5	5409619.6	75108.70313	273.88	0	48.839535	-86.940861	56104.36	56246.4	3.62	56107.98	56118.55859	56097.38788	56081.97266	504339.5	5409619.6
L4340.0	504339.5	5409619.6	75108.79688	276.70	0	48.839535	-86.940861	56104.46	56246.4	3.62	56108.08	56118.96094	56097.65807	56082.41016	504339.5	5409619.6
L4340.0	504339.5	5409621.6	75108.89844	277.81	0	48.839553	-86.940860	56104.94	56246.4	3.62	56108.56	56119.72656	56097.93074	56082.84766	504339.5	5409621.6
L4340.0	504339.5	5409623.0	75109.00000	278.49	0	48.839566	-86.940860	56105.42	56246.4	3.62	56109.04	56120.48828	56098.14275	56083.21875	504339.5	5409623.0
L4340.0	504339.5	5409624.2	75109.10156	278.91	0	48.839577	-86.940860	56106.23	56246.4	3.62	56109.85	56121.56250	56098.31727	56083.54688	504339.5	5409624.2
L4340.0	504339.5	5409625.8	75109.20313	275.83	0	48.839591	-86.940860	56106.86	56246.4	3.62	56110.48	56122.45313	56098.38790	56083.76953	504339.5	5409625.8
L4340.0	504339.5	5409625.8	75109.29688	273.67	0	48.839591	-86.940860	56107.08	56246.4	3.62	56110.70	56122.91797	56098.35101	56083.88281	504339.5	5409625.8
L4340.0	504339.5	5409627.3	75109.39844	272.34	0	48.839604	-86.940860	56107.24	56246.4	3.62	56110.86	56123.31250	56098.24711	56083.92188	504339.5	5409627.3
L4340.0	504339.5	5409629.1	75109.50000	272.34	0	48.839620	-86.940860	56107.44	56246.4	3.62	56111.05	56123.73047	56098.08454	56083.90234	504339.5	5409629.1
L4340.0	504339.5	5409629.1	75109.60156	272.50	0	48.839620	-86.940860	56108.10	56246.4	3.61	56111.71	56124.60547	56097.83380	56083.78906	504339.5	5409629.1
L4340.0	504339.6	5409630.8	75109.60156	272.50	0	48.839636	-86.940860	56108.53	56246.4	3.61	56112.15	56125.25000	56098.98846	56085.07422	504339.6	5409630.8
L4340.0	504339.6	5409632.0	75109.70313	271.02	0	48.839647	-86.940859	56108.91	56246.4	3.61	56112.52	56125.81641	56098.68678	56084.90234	504339.6	5409632.0
L4340.0	504339.6	5409633.8	75109.79688	272.31	0	48.839663	-86.940859	56108.84	56246.4	3.61	56112.45	56125.92969	56098.29514	56084.63672	504339.6	5409633.8
L4340.0	504339.6	5409633.8	75109.89844	271.76	0	48.839663	-86.940859	56109.44	56246.4	3.61	56113.05	56126.70703	56097.94688	56084.41016	504339.6	5409633.8
L4340.0	504339.6	5409635.5	75110.00000	269.46	0	48.839678	-86.940859	56110.45	56246.4	3.61	56114.06	56127.88281	56097.56296	56084.14453	504339.6	5409635.5
L4340.0	504339.6	5409636.7	75110.10156	264.71	0	48.839689	-86.940859	56110.83	56246.4	3.61	56114.44	56128.41797	56097.11951	56083.81641	504339.6	5409636.7
L4340.0	504339.6	5409636.7	75110.20313	259.91	0	48.839689	-86.940859	56111.02	56246.4	3.61	56114.63	56128.75000	56096.67827	56083.48438	504339.6	5409636.7
L4340.0	504339.6	5409638.7	75110.39844	252.16	0	48.839707	-86.940859	56110.70	56246.4	3.61	56114.31	56128.56641	56096.80195	56083.71484	504339.6	5409638.7
L4340.0	504339.6	5409639.9	75110.50000	248.29	0	48.839718	-86.940859	56110.78	56246.4	3.61	56114.39	56128.77344	56097.04594	56084.06250	504339.6	5409639.9
L4340.0	504339.6	5409641.8	75110.60156	245.07	0	48.839735	-86.940859	56110.96	56246.4	3.61	56114.57	56129.07031	56097.27661	56084.39063	504339.6	5409641.8
L4340.0	504339.6	5409643.1	75110.70313	245.07	0	48.839746	-86.940858	56111.67	56246.4	3.61	56115.28	56129.88672	56097.46532	56084.67578	504339.6	5409643.1
L4340.0	504339.6	5409643.1	75110.79688	242.48	0	48.839746	-86.940858	56111.79	56246.4	3.61	56115.40	56130.10156	56097.68676	56084.98828	504339.6	5409643.1
L4340.0	504339.6	5409644.8	75110.89844	241.38	0	48.839762	-86.940858	56112.02	56246.4	3.61	56115.63	56130.41797	56097.89427	56085.28516	504339.6	5409644.8
L4340.0	504339.7	5409646.2	75111.00000	241.24	0	48.839775	-86.940858	56112.25	56246.4	3.61	56115.86	56130.72656	56098.09523	56085.56641	504339.7	5409646.2
L4340.0	504339.7	5409646.2	75111.10156	238.25	0	48.839775	-86.940858	56112.50	56246.4	3.61	56116.10	56131.03516	56098.28899	56085.84375	504339.7	5409646.2
L4340.0	504339.7	5409648.4	75111.20313	239.04	0	48.839794	-86.940857	56112.78	56246.4	3.61	56116.39	56131.38672	56098.47290	56086.10156	504339.7	5409648.4
L4340.0	504339.7	5409648.4	75111.29688	245.87	0	48.839794	-86.940857	56112.98	56246.4	3.60	56116.58	56131.62891	56098.65700	56086.35938	504339.7	5409648.4
L4340.0	504339.7	5409649.6	75111.39844	246.49	0	48.839805	-86.940857	56113.27	56246.4	3.60	56116.87	56131.96094	56098.82798	56086.59766	504339.7	5409649.6
L4340.0	504339.8	5409651.1	75111.50000	245.76	0	48.839818	-86.940856	56113.41	56246.4	3.60	56117.01	56132.13281	56099.00253	56086.83594	504339.8	5409651.1
L4340.0	504339.8	5409652.8	75111.60156	243.57	0	48.839834	-86.940856	56113.71	56246.4	3.60	56117.31	56132.45703	56099.16001	56087.05469	504339.8	5409652.8
L4340.0	504339.8	5409654.3	75111.60156	243.57	0	48.839847	-86.940855	56113.82	56246.4	3.60	56117.41	56132.57422	56099.32446	56087.27734	504339.8	5409654.3
L4340.0	504339.8	5409654.3	75111.79688	246.70	0	48.839847	-86.940855	56113.92	56246.4	3.59	56117.52	56132.69141	56099.48190	56087.48828	504339.8	5409654.3
L4340.0	504339.9	5409655.9	75111.89844	249.07	0	48.839862	-86.940855	56113.96	56246.4	3.59	56117.56	56132.73047	56099.63769	56087.69531	504339.9	5409655.9
L4340.0	504339.9	5409655.9	75112.00000	252.21	0	48.839862	-86.940855	56114.25	56246.4	3.59	56117.84	56133.00000	56099.77121	56087.87500	504339.9	5409655.9
L4340.0	504339.9	5409657.5	75112.10156	250.43	0	48.839876	-86.940855	56114.27	56246.4	3.59	56117.86	56133.00000	56099.91581	56088.05859	504339.9	5409657.5
L4340.0	504339.9	5409659.0	75112.20313	253.05	0	48.839890	-86.940854	56114.12	56246.4	3.59	56117.71	56132.82422	56100.06553	56088.25000	504339.9	5409659.0
L4340.0	504340.0	5409660.8	75112.29688	252.39	0	48.839906	-86.940854	56113.94	56246.4	3.60	56117.54	56132.62109	56100.21040	56088.42969	504340.0	5409660.8
L4340.0	504340.0	5409660.8	75112.39844	251.19	0	48.839906	-86.940854	56114.53	56246.4	3.60	56118.13	56133.16797	56100.29846	56088.54688	504340.0	5409660.8
L4340.0	504340.0	5409662.5	75112.50000	254.54	0	48.839921	-86.940853	56114.75	56246.4	3.60	56118.35	56133.33984	56100.40506	56088.68359	504340.0	5409662.5
L4340.0	504340.0	5409664.0	75112.60156	258.25	0	48.839935	-86.940853	56114.50	56246.4	3.60	56118.10	56133.03125	56100.53692	56088.83984	504340.0	5409664.0
L4340.0	504340.0	5409664.0	75112.70313	259.67	0	48.839935	-86.940853	56114.70	56246.4	3.60	56118.31	56133.17578	56100.63206	56088.95313	504340.0	5409664.0
L4340.0	504340.0	5409665.8	75112.79688	261.08	0	48.839951	-86.940853	56114.64	56246.4	3.61	56118.25	56133.04297	56100.73919	56089.07813	504340.0	5409665.8
L4340.0	504340.0	5409667.6	75112.89844	260.25	0	48.839967	-86.940852	56114.88	56246.4	3.61	56118.49	56133.19922	56101.08313	56089.43359	504340.0	5409667.6
L4340.0	504340.1	5409669.4	75113.00000	260.34	0	48.839983	-86.940852	56114.55	56246.4	3.61	56118.16	56132.78125	56101.52893	56089.89063	504340.1	5409669.4
L4340.0	504340.1	5409669.4	75113.10156	261.73	0	48.839983	-86.940852	56115.01	56246.4	3.61	56118.62	56133.14844	56101.94092	56090.30859	504340.1	5409669.4
L4340.0	504340.1	5409671.4	75113.20313	261.56	0	48.840001	-86.940851	56115.21	56246.4	3.61	56118.82	56133.24609	56102.35597	56090.72656	504340.1	5409671.4
L4340.0	504340.1	5409672.7	75113.29688	260.34	0	48.840012	-86.940851	56115.15	56246.4	3.61	56118.76	56133.07422	56102.75675	56091.12891	504340.1	5409672.7
L4340.0	504340.1	5409672.7	75113.39844	260.31	0	48.840012	-86.940851	56115.04	56246.4	3.61	56118.64	56132.83984	56103.13569	56091.50391	504340.1	5409672.7
L4340.0	504340.2	5409674.1	75113.50000	262.63	0	48.840026	-86.940851	56114.98	56246.4	3.60	56118.58	56132.65625	56103.49522	56091.85547	504340.2	5409674.1
L4340.0	504340.2	5409675.9	75113.60156	262.80	0	48.840042	-86.940850	56114.83	56246.4	3.60	56118.44	56132.38281	56103.82444	56092.17578	504340.2	5409675.9
L4340.0	504340.2	5409677.8	75113.60156	262.80	0	48.840058	-86.940850	56114.95	56246.4	3.60	56118.55	56132.35938	56104.15213	56092.48828	504340.2	5409677.8
L4340.0	504340.3	5409679.2	75113.79688	265.86	0	48.840071	-86.940849	56115.01	56246.4	3.60	56118.61	56132.27344	56104.45340	56092.77344	504340.3	5409679.2
L4340.0	504340.3	5409679.2	75113.89844	264.53	0	48.840071	-86.940849	56114.78	56246.4	3.60	56118.38	56131.89453	56104.69255	56092.99219	504340.3	5409679.2
L4340.0	504340.3	5409680.7	75114.00000	265.50	0	48.840085	-86.940849	56114.47	56246.4	3.60	56118.07	56131.42969	56104.88872	56093.16797	504340.3	5409680.7
L4340.0	504340.3	5409680.7	75114.10156	267.43	0	48.840085	-86.940849	56114.50	56246.4	3.60	56118.10	56131.29688	56105.10767	56093.35938	504340.3	5409680.7
L4340.0	504340.3	5409682.7	75114.20313	266.94	0	48.840103	-86.940849	56114.63	56246.4	3.60	56118.23	56131.25781	56105.32028	56093.54297	504340.3	5409682.7
L4340.0	504340.3	5409684.2	75114.29688	270.68	0	48.840116	-86.940848	56114.42	56246.4	3.60	56118.02	56130.87109	56105.44914	56093.64063	504340.3	5409684.2
L4340.0	504340.4	5409685.3	75114.39844	270.53	0	48.840126	-86.940848	56114.55	56246.4	3.60	56118.15	56130.82031	56105.61501	56093.76953	504340.4	5409685.3
L4340.0	504340.4	5409685.3	75114.50000	272.52	0	48.840126	-86.940848	56114.58	56246.4	3.60	56118.18	56130.66406	56105.73858	56093.85547	504340.4	5409685.3
L4340.0	504340.4	5409686.9	75114.60156	275.42	0	48.840141	-86.940847	56114.44	56246.4	3.60	56118.04	56130.33203	56104.60133	56092.67578	504340.4	5409686.9
L4340.0	504340.4	5409688.0	75114.70313	272.04	0	48.840151	-86.940847	56113.98	56246.4	3.60	56117.58	56129.67578	56104.68871	56092.71875	504340.4	5409688.0
L4340.0	504340.4	5409688.0	75114.79688	269.90	0	48.840151	-86.940847	56113.87	56246.4	3.60	56117.47	56129.35938	56104.71845	56092.70313	504340.4	5409688.0
L4340.0	504340.5	5409689.9	75114.89844	268.78	0	48.840167	-86.940846	56113.62	56246.4	3.60	56117.22	56128.90234	56104.73105	56092.66406	504340.5	5409689.9
L4340.0	504340.5	5409691.6	75115.00000	269.26	0	48.840183	-86.940846	56113.54	56246.4	3.60	56117.14	56128.60938	56104.70600	56092.58984	504340.5	5409691.6
L4340.0	504340.5	5409693.0	75115.10156	267.66	0	48.840196	-86.940846	56113.65	56246.4	3.60	56117.25	56128.50000	56104.64172	56092.46875	504340.5	5409693.0
L4340.0	504340.5	5409693.0	75115.20313	265.07	0	48.840196	-86.940846	56113.46	56246.4	3.60	56117.06	56128.08203	56104.57264	56092.34375	504340.5	5409693.0
L4340.0	504340.6	5409695.0	75115.29688	264.31	0	48.840214	-86.940845	56113.38	56246.4	3.60	56116.99	56127.78516	56104.46998	56092.17969	504340.6	5409695.0
L4340.0	504340.6	5409696.8	75115.39844	267.29	0	48.840230	-86.940845	56113.27	56246.4	3.60	56116.87	56127.42969	56104.34711	56091.99609	504340.6	5409696.8
L4340.0	504340.6	5409696.8	75115.50000	267.47	0	48.840230	-86.940845	56112.52	56246.4	3.61	56116.13	56126.45313	56104.25663	56091.83984	504340.6	5409696.8
L4340.0	504340.6	5409698.9	75115.60156	266.91	0	48.840249	-86.940844	56112.20	56246.4	3.61	56115.81	56125.88672	56105.02701	56092.54297	504340.6	5409698.9
L4340.0	504340.6	5409700.7	75115.60156	266.91	0	48.840264	-86.940844	56112.60	56246.4	3.61	56116.20	56126.02734	56104.96731	56092.41406	504340.6	5409700.7
L4340.0	504340.6	5409700.7	75115.79688	266.67	0	48.840264	-86.940844	56112.00	56246.4	3.61	56115.60	56125.17578	56104.71037	56092.08203	504340.6	5409700.7

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4340.0	504340.6	5409702.4	75115.89844	267.14	0	48.840280	-86.940844	56112.31	56246.4	3.61	56115.91	56125.23047	56104.60939	56091.91016	504340.6	5409702.4
L4340.0	504340.7	5409703.9	75116.00000	266.83	0	48.840294	-86.940844	56111.74	56246.4	3.61	56115.35	56124.41016	56104.35410	56091.57813	504340.7	5409703.9
L4340.0	504340.7	5409705.7	75116.10156	266.83	0	48.840309	-86.940843	56111.18	56246.4	3.61	56114.79	56123.58203	56104.10648	56091.25000	504340.7	5409705.7
L4340.0	504340.7	5409705.7	75116.20313	265.34	0	48.840309	-86.940843	56111.16	56246.4	3.61	56114.77	56123.29297	56103.95027	56091.01172	504340.7	5409705.7
L4340.0	504340.7	5409707.4	75116.29688	265.13	0	48.840325	-86.940843	56110.93	56246.4	3.61	56114.54	56122.79297	56103.76990	56090.75000	504340.7	5409707.4
L4340.0	504340.7	5409709.2	75116.39844	265.96	0	48.840342	-86.940843	56110.74	56246.4	3.61	56114.34	56122.31641	56103.60392	56090.50000	504340.7	5409709.2
L4340.0	504340.7	5409710.8	75116.50000	264.95	0	48.840356	-86.940843	56110.88	56246.4	3.61	56114.48	56122.17578	56103.49436	56090.30469	504340.7	5409710.8
L4340.0	504340.7	5409710.8	75116.60156	263.60	0	48.840356	-86.940843	56110.61	56246.4	3.60	56114.21	56121.62109	56103.34263	56090.06250	504340.7	5409710.8
L4340.0	504340.7	5409712.6	75116.70313	264.99	0	48.840372	-86.940843	56110.08	56246.4	3.60	56113.68	56120.80469	56103.17287	56089.80469	504340.7	5409712.6
L4340.0	504340.7	5409714.1	75116.79688	263.08	0	48.840386	-86.940843	56109.92	56246.4	3.60	56113.52	56120.35547	56103.06406	56089.60547	504340.7	5409714.1
L4340.0	504340.7	5409715.5	75116.89844	264.06	0	48.840398	-86.940843	56109.21	56246.4	3.60	56112.82	56119.35938	56102.89970	56089.34766	504340.7	5409715.5
L4340.0	504340.7	5409715.5	75117.00000	264.22	0	48.840398	-86.940843	56108.91	56246.4	3.60	56112.51	56118.75391	56102.79545	56089.14844	504340.7	5409715.5
L4340.0	504340.7	5409717.3	75117.10156	261.97	0	48.840414	-86.940842	56108.84	56246.4	3.60	56112.43	56118.37500	56102.73032	56088.98438	504340.7	5409717.3
L4340.0	504340.7	5409719.2	75117.20313	262.23	0	48.840431	-86.940842	56108.45	56246.4	3.60	56112.05	56117.69141	56102.62979	56088.78906	504340.7	5409719.2
L4340.0	504340.7	5409720.7	75117.29688	261.26	0	48.840445	-86.940842	56108.07	56246.4	3.59	56111.67	56117.00781	56102.52837	56088.58594	504340.7	5409720.7
L4340.0	504340.7	5409720.7	75117.39844	262.18	0	48.840445	-86.940842	56108.00	56246.4	3.59	56111.59	56116.62109	56102.46539	56088.42188	504340.7	5409720.7
L4340.0	504340.7	5409722.3	75117.50000	263.21	0	48.840459	-86.940842	56107.40	56246.4	3.59	56110.99	56115.71094	56102.31956	56088.17578	504340.7	5409722.3
L4340.0	504340.7	5409722.3	75117.60156	265.16	0	48.840459	-86.940842	56106.98	56246.4	3.59	56110.57	56114.98047	56102.18733	56087.94141	504340.7	5409722.3
L4340.0	504340.7	5409724.1	75117.60156	265.16	0	48.840475	-86.940842	56107.14	56246.4	3.59	56110.73	56114.82813	56102.13151	56087.78125	504340.7	5409724.1
L4340.0	504340.7	5409725.9	75117.79688	266.58	0	48.840492	-86.940842	56106.68	56246.4	3.58	56110.26	56114.04297	56101.96667	56087.51172	504340.7	5409725.9
L4340.0	504340.7	5409727.5	75117.89844	267.59	0	48.840506	-86.940842	56106.43	56246.4	3.58	56110.02	56113.48438	56101.82465	56087.26172	504340.7	5409727.5
L4340.0	504340.7	5409727.5	75118.00000	270.36	0	48.840506	-86.940842	56106.18	56246.4	3.58	56109.76	56112.90625	56101.66868	56087.00000	504340.7	5409727.5
L4340.0	504340.7	5409729.7	75118.10156	270.53	0	48.840525	-86.940843	56105.54	56246.4	3.58	56109.12	56111.94531	56101.44517	56086.66797	504340.7	5409729.7
L4340.0	504340.7	5409730.7	75118.20313	271.51	0	48.840535	-86.940842	56104.84	56246.4	3.58	56108.41	56110.91406	56101.20528	56086.32031	504340.7	5409730.7
L4340.0	504340.7	5409730.7	75118.29688	270.59	0	48.840535	-86.940842	56104.52	56246.4	3.58	56108.09	56110.26953	56101.02073	56086.02734	504340.7	5409730.7
L4340.0	504340.7	5409732.6	75118.39844	270.51	0	48.840552	-86.940843	56104.28	56246.4	3.58	56107.85	56109.70313	56100.84506	56085.74219	504340.7	5409732.6
L4340.0	504340.7	5409732.6	75118.50000	270.20	0	48.840552	-86.940843	56104.06	56246.4	3.57	56107.63	56109.16016	56100.67072	56085.45703	504340.7	5409732.6
L4340.0	504340.7	5409734.6	75118.60156	270.19	0	48.840570	-86.940843	56103.57	56246.4	3.57	56107.15	56108.35156	56100.45924	56085.13672	504340.7	5409734.6
L4340.0	504340.7	5409736.7	75118.70313	265.21	0	48.840589	-86.940843	56103.29	56246.4	3.57	56106.87	56107.74609	56100.27841	56084.84375	504340.7	5409736.7
L4340.0	504340.7	5409738.0	75118.79688	260.47	0	48.840600	-86.940843	56103.02	56246.4	3.57	56106.59	56107.14063	56100.10031	56084.55469	504340.7	5409738.0
L4340.0	504340.7	5409738.0	75118.89844	257.02	0	48.840600	-86.940843	56102.43	56246.4	3.57	56106.00	56106.22266	56099.88284	56084.22656	504340.7	5409738.0
L4340.0	504340.7	5409739.2	75119.00000	256.34	0	48.840611	-86.940843	56101.90	56246.4	3.57	56105.47	56105.36328	56099.67857	56083.91016	504340.7	5409739.2
L4340.0	504340.7	5409741.1	75119.10156	256.94	0	48.840628	-86.940843	56101.56	56246.4	3.57	56105.13	56104.69531	56099.50614	56083.62500	504340.7	5409741.1
L4340.0	504340.6	5409742.6	75119.20313	257.05	0	48.840642	-86.940844	56100.89	56246.4	3.58	56104.46	56103.69922	56099.29215	56083.29688	504340.6	5409742.6
L4340.0	504340.6	5409742.6	75119.29688	257.49	0	48.840642	-86.940844	56100.44	56246.4	3.58	56104.02	56102.92969	56099.11434	56083.00781	504340.6	5409742.6
L4340.0	504340.6	5409743.9	75119.39844	260.96	0	48.840653	-86.940844	56100.34	56246.4	3.58	56103.92	56102.50391	56098.99073	56082.77344	504340.6	5409743.9
L4340.0	504340.6	5409743.9	75119.50000	263.02	0	48.840653	-86.940844	56099.78	56246.4	3.58	56103.36	56101.61719	56098.80062	56082.47266	504340.6	5409743.9
L4340.0	504340.6	5409746.0	75119.60156	262.27	0	48.840672	-86.940844	56099.27	56246.4	3.59	56102.86	56100.78906	56098.61979	56082.17969	504340.6	5409746.0
L4340.0	504340.6	5409747.5	75119.60156	262.27	0	48.840686	-86.940844	56098.88	56246.4	3.59	56102.46	56100.06250	56098.45530	56081.90234	504340.6	5409747.5
L4340.0	504340.6	5409749.1	75119.79688	264.68	0	48.840700	-86.940844	56098.56	56246.4	3.59	56102.15	56099.42969	56098.30601	56081.64453	504340.6	5409749.1
L4340.0	504340.6	5409749.1	75119.89844	266.93	0	48.840700	-86.940844	56098.21	56246.4	3.60	56101.81	56098.76563	56098.15032	56081.37891	504340.6	5409749.1
L4340.0	504340.6	5409750.7	75120.00000	268.89	0	48.840714	-86.940844	56097.78	56246.4	3.60	56101.38	56098.01563	56097.97429	56081.08984	504340.6	5409750.7
L4340.0	504340.6	5409753.0	75120.10156	270.86	0	48.840735	-86.940844	56097.15	56246.4	3.60	56100.75	56097.06250	56097.57831	56080.58594	504340.6	5409753.0
L4340.0	504340.6	5409753.0	75120.20313	272.23	0	48.840735	-86.940844	56096.72	56246.4	3.59	56100.31	56096.30469	56097.41133	56080.31250	504340.6	5409753.0
L4340.0	504340.6	5409754.0	75120.29688	273.76	0	48.840744	-86.940844	56096.59	56246.4	3.59	56100.18	56095.85938	56097.21801	56080.01172	504340.6	5409754.0
L4340.0	504340.6	5409755.8	75120.39844	274.28	0	48.840761	-86.940844	56096.14	56246.4	3.59	56099.72	56095.08203	56097.03581	56079.72266	504340.6	5409755.8
L4340.0	504340.6	5409757.2	75120.50000	274.65	0	48.840773	-86.940844	56095.61	56246.4	3.58	56099.19	56094.24219	56096.84568	56079.42578	504340.6	5409757.2
L4340.0	504340.6	5409758.9	75120.60156	273.99	0	48.840789	-86.940844	56095.18	56246.4	3.58	56098.76	56093.50000	56096.64141	56079.11719	504340.6	5409758.9
L4340.0	504340.6	5409759.9	75120.70313	273.99	0	48.840798	-86.940844	56094.71	56246.4	3.58	56098.29	56092.72266	56096.43054	56078.80078	504340.6	5409759.9
L4340.0	504340.6	5409759.9	75120.79688	271.57	0	48.840798	-86.940844	56094.06	56246.4	3.58	56097.64	56091.76563	56096.22045	56078.48828	504340.6	5409759.9
L4340.0	504340.6	5409761.7	75120.89844	269.80	0	48.840814	-86.940844	56093.82	56246.4	3.57	56097.39	56091.21094	56095.99253	56078.16016	504340.6	5409761.7
L4340.0	504340.6	5409761.7	75121.00000	267.71	0	48.840814	-86.940844	56093.58	56246.4	3.57	56097.15	56090.67188	56095.76021	56077.82813	504340.6	5409761.7
L4340.0	504340.6	5409763.5	75121.10156	266.08	0	48.840829	-86.940843	56092.87	56246.4	3.57	56096.44	56089.66406	56095.55568	56077.52344	504340.6	5409763.5
L4340.0	504340.7	5409765.1	75121.20313	266.69	0	48.840844	-86.940843	56092.22	56246.4	3.57	56095.79	56088.72266	56095.35891	56077.23047	504340.7	5409765.1
L4340.0	504340.7	5409765.1	75121.29688	266.23	0	48.840844	-86.940843	56091.38	56246.4	3.57	56094.95	56087.58984	56094.92876	56076.70313	504340.7	5409765.1
L4340.0	504340.7	5409767.2	75121.39844	265.29	0	48.840863	-86.940843	56091.18	56246.4	3.57	56094.75	56087.10547	56094.75442	56076.43359	504340.7	5409767.2
L4340.0	504340.7	5409768.7	75121.50000	266.29	0	48.840876	-86.940842	56090.73	56246.4	3.57	56094.30	56086.37109	56094.54123	56076.12891	504340.7	5409768.7
L4340.0	504340.7	5409770.2	75121.60156	264.77	0	48.840890	-86.940842	56090.52	56246.4	3.58	56094.10	56085.89063	56094.37458	56075.87109	504340.7	5409770.2
L4340.0	504340.8	5409772.5	75121.60156	264.77	0	48.840911	-86.940841	56089.94	56246.4	3.58	56093.52	56085.03516	56094.16168	56075.56641	504340.8	5409772.5
L4340.0	504340.8	5409772.5	75121.79688	262.06	0	48.840911	-86.940841	56089.30	56246.4	3.58	56092.88	56084.12500	56093.95767	56075.27734	504340.8	5409772.5
L4340.0	504340.8	5409774.0	75121.89844	262.69	0	48.840924	-86.940841	56088.77	56246.4	3.58	56092.35	56083.32813	56093.78099	56075.01563	504340.8	5409774.0
L4340.0	504340.8	5409775.5	75122.00000	263.92	0	48.840938	-86.940841	56088.20	56246.4	3.58	56091.78	56082.49609	56093.61382	56074.76172	504340.8	5409775.5
L4340.0	504340.8	5409776.8	75122.10156	262.55	0	48.840949	-86.940840	56087.95	56246.4	3.58	56091.52	56081.97656	56093.47810	56074.54688	504340.8	5409776.8
L4340.0	504340.8	5409776.8	75122.20313	262.29	0	48.840949	-86.940840	56087.71	56246.4	3.58	56091.29	56081.49609	56093.34624	56074.33594	504340.8	5409776.8
L4340.0	504340.9	5409778.3	75122.29688	259.42	0	48.840962	-86.940840	56087.36	56246.4	3.57	56090.93	56080.88672	56093.21176	56074.12109	504340.9	5409778.3
L4340.0	504340.9	5409779.6	75122.39844	260.35	0	48.840974	-86.940840	56086.61	56246.4	3.57	56090.18	56079.89453	56093.07467	56073.91016	504340.9	5409779.6
L4340.0	504340.9	5409779.6	75122.50000	258.83	0	48.840974	-86.940840	56086.45	56246.4	3.57	56090.02	56079.49609	56092.95555	56073.71875	504340.9	5409779.6
L4340.0	504340.9	5409781.4	75122.60156	260.99	0	48.840990	-86.940840	56086.12	56246.4	3.57	56089.69	56078.93359	56092.83657	56073.52734	504340.9	5409781.4
L4340.0	504340.9	5409783.2	75122.70313	261.07	0	48.841006	-86.940839	56086.06	56246.4	3.57	56089.63	56078.64453	56092.71688	56073.33984	504340.9	5409783.2
L4340.0	504340.9	5409783.2	75122.79688	257.79	0	48.841006	-86.940839	56085.82	56246.4	3.56	56089.38	56078.17188	56092.59961	56073.15625	504340.9	5409783.2
L4340.0	504340.9	5409785.0	75122.89844	258.58	0	48.841023	-86.940839	56084.96	56246.4	3.56	56088.52	56077.09766	56092.50377	56072.99609	504340.9	5409785.0
L4340.0	504341.0	5409786.8	75123.00000	256.50	0	48.841039	-86.940839	56084.63	56246.4	3.56	56088.18	56076.54688	56092.39832	56072.83203	504341.0	5409786.8
L4340.0	504341.0	5409788.7	75123.10156	255.33	0	48.841056	-86.940838	56083.92	56246.4	3.56	56087.48	56075.64453	56092.31233	56072.68750	504341.0	5409788.7
L4340.0	504341.0	5409788.7	75123.20313	255.04	0	48.841056	-86.940838	56083.84	56246.4	3.56	56087.40	56075.36328	56092.19973	56072.51953	504341.0	5409788.7
L4340.0	504341.1	5409790.8	75123.29688	251.79	0	48.841075	-86.940837	56083.21	56246.4	3.55	56086.76	56074.53125	56092.11919	56072.38281	504341.1	5409790.8
L4340.0	504341.1	5409792.5	75123.39844	251.73	0	48.841090	-86.940837	56082.86	56246.4	3.55	56086.41	56073.99609	56092.02475	56072.23828	504341.1	5409792.5
L4340.0	504341.1	5409792.5	75123.50000	254.00	0	48.841090	-86.940837	56082.98	56246.4	3.55	56086.53	56073.93750	56091.88826	56072.05469	504341.1	5409792.5
L4340.0	504341.2	5409794.5	75123.60156	258.16	0	48.841108	-86.940836	56082.63	56246.5	3.55	56086.18	56073.41406	56091.77474	56071.89844	504341.2	5409794.5
L4340.0	504341.2	5409796.2	75123.60156	258.16	0	48.841124	-86.940835	56082.28	56246.5	3.55	56085.83	56072.89844	56091.66428	56071.74609	504341.2	5409796.2
L4340.0	504341.2	5409796.2	75123.79688	261.27	0	48.841124	-86.940835	56081.82	56246.5	3.54	56085.36	56072.26953	56091.56497	56071.60547	504341.2	5409796.2
L4340.0	504341.3	5409798.5	75123.89844	259.55	0	48.841144	-86.940834	56081.62	56246.5	3.54	56085.16	56071.91797	56091.45087	56071.45703	504341.3	5409798.5
L4340.0	504341.3	5409798.5	75124.00000	257.98	0	48.841144	-86.940834	56081.04	56246.5	3.54	56084.58	56071.19141	56091.36538	56071.33984	504341.3	5409798.5
L4340.0	504341.3	5409800.3	75124.10156	257.07	0	48.841160	-86.940834	56081.02	56246.5	3.54	56084.56	56071.03516	56091.24592	56071.18750	504341.3	5409800.3
L4340.0	504341.4	5409801.7	75124.20313	256.53	0	48.841174	-86.940833	56080.86	56246.5	3.54	56084.40	56070.74219	56091.13921	56071.05469	504341.4	5409801.7
L4340.0	504341.4	5409801.7	75124.29688	255.65	0	48.841174	-86.940833	56080.31	56246.5	3.55	56083.85	56070.07031	56091.06197	56070.95313	504341.4	5409801.7
L4340.0	504341.4	5409803.2	75124.39844	255.24	0	48.841187	-86.940832	56080.33	56246.5	3.55	56083.88	56069.98047	56090.94961	56070.82031	504341.4	5409803.2
L4340.0	504341.4	5409804.6	75124.50000	255.52	0	48.841200	-86.940832	56080.10	56246.5	3.55	56083.65	56069.64453	56090.85816	56070.71094	504341.4	5409804.6
L4340.0	504341.4	5409804.6	75124.60156	256.38	0	48.841200	-86.940832	56079.82	56246.4	3.55	56083.37	56069.26172	56090.77369	56070.61328	504341.4	5409804.6
L4340.0	504341.5	5409806.7	75124.70313	258.35	0	48.841219	-86.940831	56079.37	56246.4	3.55	56082.92	56068.71484	56090.70424	56070.53516	504341.5	5409806.7
L4340.0	504341.6	5409808.2	75124.79688	256.19	0	48.841232	-86.940830	56079.49	56246.4	3.56	56083.04	56068.75000	56090.60052	56070.42188	504341.6	5409808.2
L4340.0	504341.6	5409808.2	75124.89844	253.87	0	48.841232	-86.940830	56079.32	56246.4	3.56	56082.87	56068.50000	56090.51990	56070.33984	504341.6	5409808.2
L4340.0	504341.6	5409809.8	75125.00000	255.36	0	48.841246	-86.940830	56079.14	56246.4	3.56	56082.70	56068.25781	56090.44308	56070.26172	504341.6	5409809.8
L4340.0	504341.7	5409811.5	75125.10156	254.42	0	48.841261	-86.940829	56079.12	56246.4	3.56	56082.68	56068.17578	56090.36009	56070.17969	504341.7	5409811.5

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4340.0	504341.7	5409813.4	75125.20313	256.79	0	48.841279	-86.940828	56078.88	56246.4	3.56	56082.44	56067.87891	56090.29563	56070.12109	504341.7	5409813.4
L4340.0	504341.7	5409813.4	75125.29688	257.47	0	48.841279	-86.940828	56078.86	56246.4	3.56	56082.42	56067.80859	56090.22039	56070.05469	504341.7	5409813.4
L4340.0	504341.8	5409814.6	75125.39844	258.13	0	48.841290	-86.940827	56078.89	56246.4	3.56	56082.44	56067.78906	56090.14639	56069.99609	504341.8	5409814.6
L4340.0	504341.8	5409814.6	75125.50000	259.42	0	48.841290	-86.940827	56079.11	56246.4	3.56	56082.67	56067.98828	56090.06230	56069.92578	504341.8	5409814.6
L4340.0	504341.9	5409816.5	75125.60156	255.04	0	48.841306	-86.940826	56079.04	56246.4	3.55	56082.59	56067.88281	56090.00281	56069.88672	504341.9	5409816.5
L4340.0	504341.9	5409818.0	75125.60156	255.04	0	48.841320	-86.940826	56079.04	56246.4	3.55	56082.59	56067.86719	56089.94192	56069.85156	504341.9	5409818.0
L4340.0	504341.9	5409819.6	75125.70313	255.65	0	48.841334	-86.940825	56078.73	56246.4	3.55	56082.28	56067.54688	56089.90565	56069.83984	504341.9	5409819.6
L4340.0	504342.0	5409821.2	75125.89844	257.08	0	48.841349	-86.940824	56078.69	56246.4	3.55	56082.24	56067.50781	56089.85531	56069.82031	504342.0	5409821.2
L4340.0	504342.0	5409821.2	75126.00000	255.66	0	48.841349	-86.940824	56078.45	56246.4	3.55	56082.00	56067.27344	56089.82225	56069.82422	504342.0	5409821.2
L4340.0	504342.0	5409823.2	75126.10156	255.38	0	48.841367	-86.940824	56078.41	56246.4	3.55	56081.96	56067.25000	56089.75998	56069.79688	504342.0	5409823.2
L4340.0	504342.0	5409823.2	75126.20313	254.68	0	48.841367	-86.940824	56078.56	56246.4	3.55	56082.11	56067.42188	56089.60866	56069.68750	504342.0	5409823.2
L4340.0	504342.1	5409825.0	75126.29688	254.71	0	48.841383	-86.940823	56078.43	56246.4	3.55	56081.98	56067.32031	56089.46127	56069.58594	504342.1	5409825.0
L4340.0	504342.1	5409826.4	75126.39844	256.62	0	48.841395	-86.940823	56078.48	56246.4	3.55	56082.03	56067.41016	56089.29678	56069.46875	504342.1	5409826.4
L4340.0	504342.1	5409827.7	75126.50000	256.37	0	48.841407	-86.940823	56078.23	56246.4	3.55	56081.78	56067.20703	56089.12320	56069.34766	504342.1	5409827.7
L4340.0	504342.1	5409827.7	75126.60156	255.73	0	48.841407	-86.940823	56078.41	56246.4	3.55	56081.96	56067.44141	56088.94239	56069.22266	504342.1	5409827.7
L4340.0	504342.1	5409829.1	75126.70313	257.85	0	48.841420	-86.940823	56078.40	56246.4	3.55	56081.95	56067.49219	56088.75453	56069.09375	504342.1	5409829.1
L4340.0	504342.1	5409830.7	75126.79688	259.59	0	48.841434	-86.940823	56078.25	56246.4	3.55	56081.80	56067.41406	56088.55308	56068.95313	504342.1	5409830.7
L4340.0	504342.1	5409832.0	75126.89844	263.45	0	48.841446	-86.940823	56078.30	56246.4	3.55	56081.85	56067.53906	56088.36483	56068.83203	504342.1	5409832.0
L4340.0	504342.1	5409832.0	75127.00000	266.38	0	48.841446	-86.940823	56078.51	56246.4	3.55	56082.06	56067.83594	56088.20328	56068.73828	504342.1	5409832.0
L4340.0	504342.1	5409834.0	75127.10156	268.49	0	48.841464	-86.940823	56079.11	56246.5	3.55	56082.66	56068.52734	56088.11773	56068.72656	504342.1	5409834.0
L4340.0	504342.1	5409835.5	75127.20313	269.90	0	48.841477	-86.940823	56079.02	56246.5	3.54	56082.56	56068.52734	56087.95182	56068.64063	504342.1	5409835.5
L4340.0	504342.1	5409835.5	75127.29688	269.27	0	48.841477	-86.940823	56079.67	56246.5	3.54	56083.21	56069.28516	56087.94005	56068.70703	504342.1	5409835.5
L4340.0	504342.1	5409837.3	75127.39844	269.88	0	48.841493	-86.940822	56080.07	56246.5	3.54	56083.61	56069.80078	56088.69946	56069.55078	504342.1	5409837.3
L4340.0	504342.1	5409838.5	75127.50000	272.55	0	48.841505	-86.940822	56079.97	56246.5	3.54	56083.51	56069.82031	56088.64300	56069.58203	504342.1	5409838.5
L4340.0	504342.2	5409840.1	75127.60156	273.23	0	48.841519	-86.940822	56080.23	56246.5	3.53	56083.76	56070.19922	56088.59576	56069.62500	504342.2	5409840.1
L4340.0	504342.2	5409841.9	75127.60156	273.23	0	48.841535	-86.940821	56079.92	56246.5	3.53	56083.45	56070.02734	56088.59884	56069.72266	504342.2	5409841.9
L4340.0	504342.2	5409841.9	75127.79688	275.02	0	48.841535	-86.940821	56080.68	56246.5	3.53	56084.20	56070.91797	56088.60544	56069.82422	504342.2	5409841.9
L4340.0	504342.2	5409843.3	75127.89844	276.26	0	48.841547	-86.940821	56080.40	56246.5	3.52	56083.92	56070.78906	56088.66737	56069.98828	504342.2	5409843.3
L4340.0	504342.2	5409844.4	75128.00000	275.94	0	48.841558	-86.940821	56081.06	56246.5	3.52	56084.58	56071.60547	56088.73583	56070.16016	504342.2	5409844.4
L4340.0	504342.3	5409845.9	75128.10156	275.37	0	48.841571	-86.940821	56081.16	56246.5	3.52	56084.68	56071.87109	56088.84071	56070.37500	504342.3	5409845.9
L4340.0	504342.3	5409845.9	75128.20313	274.17	0	48.841571	-86.940821	56081.38	56246.5	3.52	56084.90	56072.26172	56088.96047	56070.60547	504342.3	5409845.9
L4340.0	504342.3	5409847.4	75128.29688	272.63	0	48.841584	-86.940820	56081.70	56246.5	3.52	56085.22	56072.75781	56089.08698	56070.84375	504342.3	5409847.4
L4340.0	504342.3	5409848.9	75128.39844	270.92	0	48.841598	-86.940820	56081.62	56246.5	3.52	56085.14	56072.85938	56088.44340	56070.32031	504342.3	5409848.9
L4340.0	504342.3	5409848.9	75128.50000	268.54	0	48.841598	-86.940820	56082.25	56246.5	3.52	56085.77	56073.67969	56088.65731	56070.65234	504342.3	5409848.9
L4340.0	504342.3	5409850.7	75128.60156	266.29	0	48.841614	-86.940819	56082.30	56246.5	3.53	56085.82	56073.92188	56088.76078	56070.87891	504342.3	5409850.7
L4340.0	504342.4	5409852.7	75128.70313	265.57	0	48.841632	-86.940818	56083.04	56246.5	3.53	56086.56	56074.86328	56088.96481	56071.21094	504342.4	5409852.7
L4340.0	504342.4	5409854.8	75128.79688	264.20	0	48.841651	-86.940818	56082.83	56246.5	3.53	56086.36	56074.87109	56089.02697	56071.40234	504342.4	5409854.8
L4340.0	504342.4	5409854.8	75128.89844	260.62	0	48.841651	-86.940818	56083.46	56246.5	3.53	56086.99	56075.71094	56089.18525	56071.69531	504342.4	5409854.8
L4340.0	504342.5	5409856.5	75129.00000	257.78	0	48.841666	-86.940817	56083.36	56246.5	3.53	56086.89	56075.83203	56089.25661	56071.90234	504342.5	5409856.5
L4340.0	504342.5	5409858.1	75129.10156	256.43	0	48.841680	-86.940817	56084.02	56246.5	3.53	56087.55	56076.71484	56089.38662	56072.17188	504342.5	5409858.1
L4340.0	504342.5	5409859.7	75129.20313	255.64	0	48.841695	-86.940816	56084.52	56246.5	3.52	56088.04	56077.42969	56089.48666	56072.41016	504342.5	5409859.7
L4340.0	504342.5	5409859.7	75129.29688	256.12	0	48.841695	-86.940816	56085.03	56246.5	3.52	56088.55	56078.17578	56089.57489	56072.64453	504342.5	5409859.7
L4340.0	504342.5	5409861.5	75129.39844	255.25	0	48.841711	-86.940816	56085.59	56246.5	3.51	56089.10	56078.96094	56089.65409	56072.87109	504342.5	5409861.5
L4340.0	504342.6	5409863.2	75129.50000	256.03	0	48.841727	-86.940816	56085.38	56246.5	3.51	56088.89	56078.99609	56089.69878	56073.06641	504342.6	5409863.2
L4340.0	504342.6	5409863.2	75129.60156	258.54	0	48.841727	-86.940816	56085.74	56246.5	3.51	56089.24	56079.59375	56089.76219	56073.28125	504342.6	5409863.2
L4340.0	504342.6	5409864.9	75129.60156	258.54	0	48.841742	-86.940816	56085.92	56246.5	3.51	56089.42	56080.02344	56089.81846	56073.49219	504342.6	5409864.9
L4340.0	504342.6	5409866.5	75129.79688	261.72	0	48.841756	-86.940816	56086.91	56246.5	3.50	56090.40	56081.25781	56089.90095	56073.73047	504342.6	5409866.5
L4340.0	504342.6	5409868.2	75129.89844	263.18	0	48.841771	-86.940816	56087.41	56246.5	3.49	56090.90	56082.01953	56089.97339	56073.96484	504342.6	5409868.2
L4340.0	504342.6	5409869.5	75130.00000	264.22	0	48.841783	-86.940816	56087.89	56246.5	3.49	56091.38	56082.76172	56090.05259	56074.20703	504342.6	5409869.5
L4340.0	504342.6	5409869.5	75130.10156	265.34	0	48.841783	-86.940816	56088.04	56246.5	3.49	56091.53	56083.17969	56090.12380	56074.44141	504342.6	5409869.5
L4340.0	504342.6	5409871.6	75130.20313	264.72	0	48.841802	-86.940816	56088.55	56246.5	3.50	56092.04	56083.95703	56090.22223	56074.70703	504342.6	5409871.6
L4340.0	504342.6	5409871.6	75130.29688	264.65	0	48.841802	-86.940816	56089.21	56246.5	3.50	56092.71	56084.90234	56090.34502	56075.00000	504342.6	5409871.6
L4340.0	504342.6	5409872.9	75130.39844	264.68	0	48.841814	-86.940816	56089.81	56246.5	3.51	56093.32	56085.78906	56090.47901	56075.30469	504342.6	5409872.9
L4340.0	504342.6	5409874.7	75130.50000	264.32	0	48.841830	-86.940815	56090.35	56246.5	3.51	56093.86	56086.60938	56090.62030	56075.62109	504342.6	5409874.7
L4340.0	504342.6	5409876.3	75130.60156	264.32	0	48.841844	-86.940815	56090.24	56246.5	3.51	56093.75	56086.78125	56090.69868	56075.87500	504342.6	5409876.3
L4340.0	504342.6	5409876.3	75130.70313	262.78	0	48.841844	-86.940815	56090.70	56246.5	3.52	56094.21	56087.52344	56090.84025	56076.19141	504342.6	5409876.3
L4340.0	504342.7	5409878.0	75130.79688	260.33	0	48.841860	-86.940815	56091.16	56246.5	3.52	56094.68	56088.28125	56090.98615	56076.51953	504342.7	5409878.0
L4340.0	504342.7	5409879.6	75130.89844	260.96	0	48.841874	-86.940815	56091.71	56246.5	3.53	56095.24	56089.13281	56091.14437	56076.85938	504342.7	5409879.6
L4340.0	504342.7	5409879.6	75131.00000	263.15	0	48.841874	-86.940815	56092.27	56246.5	3.53	56095.80	56089.98047	56091.29881	56077.19531	504342.7	5409879.6
L4340.0	504342.7	5409881.4	75131.10156	264.66	0	48.841890	-86.940814	56092.77	56246.5	3.53	56096.29	56090.76563	56091.43448	56077.51563	504342.7	5409881.4
L4340.0	504342.7	5409883.1	75131.20313	265.58	0	48.841906	-86.940814	56093.13	56246.5	3.52	56096.65	56091.41797	56091.53810	56077.80469	504342.7	5409883.1
L4340.0	504342.7	5409883.1	75131.29688	268.50	0	48.841906	-86.940814	56093.68	56246.5	3.52	56097.20	56092.26563	56091.65650	56078.10938	504342.7	5409883.1
L4340.0	504342.7	5409885.2	75131.39844	267.22	0	48.841924	-86.940814	56093.91	56246.5	3.51	56097.42	56092.78125	56091.70900	56078.35156	504342.7	5409885.2
L4340.0	504342.7	5409886.8	75131.50000	267.48	0	48.841939	-86.940814	56094.12	56246.5	3.51	56097.63	56093.28906	56091.74493	56078.57813	504342.7	5409886.8
L4340.0	504342.7	5409886.8	75131.60156	267.48	0	48.841939	-86.940814	56094.70	56246.5	3.51	56098.20	56094.16016	56091.81752	56078.84375	504342.7	5409886.8
L4340.0	504342.7	5409888.6	75131.60156	268.34	0	48.841955	-86.940814	56095.13	56246.5	3.51	56098.64	56094.89844	56091.85518	56079.07422	504342.7	5409888.6
L4340.0	504342.7	5409890.4	75131.79688	268.13	0	48.841971	-86.940814	56095.70	56246.5	3.50	56099.20	56095.75781	56091.89318	56079.30469	504342.7	5409890.4
L4340.0	504342.7	5409890.4	75131.89844	267.90	0	48.841971	-86.940814	56095.96	56246.5	3.49	56099.46	56096.31641	56091.88090	56079.48828	504342.7	5409890.4
L4340.0	504342.7	5409892.5	75132.00000	267.84	0	48.841990	-86.940814	56096.41	56246.5	3.49	56099.90	56097.05859	56091.87977	56079.67969	504342.7	5409892.5
L4340.0	504342.7	5409892.5	75132.10156	265.75	0	48.841990	-86.940814	56096.97	56246.5	3.49	56100.46	56097.91797	56091.88140	56079.87891	504342.7	5409892.5
L4340.0	504342.7	5409894.0	75132.20313	265.62	0	48.842004	-86.940814	56097.40	56246.5	3.49	56100.89	56098.64844	56091.86284	56080.05859	504342.7	5409894.0
L4340.0	504342.7	5409895.6	75132.29688	261.98	0	48.842018	-86.940814	56097.78	56246.5	3.50	56101.28	56099.33594	56091.83886	56080.23047	504342.7	5409895.6
L4340.0	504342.7	5409897.3	75132.39844	261.22	0	48.842033	-86.940814	56098.11	56246.5	3.50	56101.61	56099.96484	56091.81339	56080.40625	504342.7	5409897.3
L4340.0	504342.7	5409898.9	75132.50000	258.74	0	48.842048	-86.940814	56098.66	56246.5	3.50	56102.16	56100.81250	56091.81282	56080.60547	504342.7	5409898.9
L4340.0	504342.7	5409898.9	75132.60156	258.74	0	48.842048	-86.940814	56098.90	56246.5	3.50	56102.40	56101.35156	56091.80317	56080.79297	504342.7	5409898.9
L4340.0	504342.6	5409900.6	75132.70313	255.58	0	48.842063	-86.940815	56099.24	56246.5	3.50	56102.75	56101.99609	56091.81802	56081.00781	504342.6	5409900.6
L4340.0	504342.6	5409902.4	75132.79688	256.94	0	48.842079	-86.940815	56099.55	56246.5	3.51	56103.05	56102.58984	56091.85018	56081.24219	504342.6	5409902.4
L4340.0	504342.6	5409902.4	75132.89844	256.64	0	48.842079	-86.940815	56099.81	56246.5	3.51	56103.31	56103.14453	56091.90321	56081.49609	504342.6	5409902.4
L4340.0	504342.6	5409904.2	75133.00000	257.71	0	48.842095	-86.940815	56100.08	56246.5	3.51	56103.59	56103.71484	56091.98322	56081.77344	504342.6	5409904.2
L4340.0	504342.6	5409904.2	75133.10156	259.03	0	48.842095	-86.940815	56100.52	56246.5	3.51	56104.02	56104.43750	56092.10012	56082.09375	504342.6	5409904.2
L4340.0	504342.6	5409905.5	75133.20313	259.28	0	48.842107	-86.940815	56101.06	56246.5	3.51	56104.57	56105.27344	56092.25471	56082.44922	504342.6	5409905.5
L4340.0	504342.6	5409907.2	75133.29688	259.99	0	48.842122	-86.940815	56101.35	56246.5	3.50	56104.86	56105.85156	56092.41069	56082.80469	504342.6	5409907.2
L4340.0	504342.6	5409908.4	75133.39844	262.72	0	48.842133	-86.940815	56101.70	56246.5	3.50	56105.20	56106.47656	56092.59300	56083.18750	504342.6	5409908.4
L4340.0	504342.6	5409908.4	75133.50000	264.67	0	48.842133	-86.940815	56101.45	56246.5	3.50	56104.95	56106.50781	56092.71592	56083.51172	504342.6	5409908.4
L4340.0	504342.6	5409909.9	75133.60156	264.67	0	48.842147	-86.940815	56101.82	56246.5	3.50	56105.32	56107.15625	56092.92115	56083.91406	504342.6	5409909.9
L4340.0	504342.6	5409912.0	75133.60156	267.03	0	48.842166	-86.940815	56102.06	56246.5	3.50	56105.56	56107.67578	56093.10897	56084.30078	504342.6	5409912.0
L4340.0	504342.6	5409912.0	75133.79688	268.81	0	48.842166	-86.940815	56102.66	56246.5	3.49	56106.15	56108.53906	56093.34534	56084.73828	504342.6	5409912.0
L4340.0	504342.6	5409913.5	75133.89844	271.01	0	48.842179	-86.940815	56102.99	56246.5	3.49	56106.48	56109.14453	56093.52228	56085.11328	504342.6	5409913.5
L4340.0	504342.6	5409914.9	75134.00000	271.03	0	48.842192	-86.940815	56102.96	56246.5	3.49	56106.45	56109.38281	56093.60252	56085.39063	504342.6	5409914.9
L4340.0	504342.6	5409916.4	75134.10156	274.37	0	48.842205	-86.940814	56103.07	56246.5	3.49	56106.56	56109.76172	56093.66522	56085.64844	504342.6	5409916.4
L4340.0	504342.6	5409916.4	75134.20313	274.54	0	48.842205	-86.940814	56103.04	56246.5	3.49	56106.53	56109.99219	56093.64998	56085.82813	504342.6	5409916.4
L4340.0	504342.7	5409917.9	75134.29688	272.68	0	48.842219	-86.940814	56103.06	56246.5	3.49	56106.55	56110.27344	56093.59117	56085.96484	504342.7	5409917.9
L4340.0	504342.7	5409920.0	75134.39844	272.52	0	48.842237	-86.940813	56103.42	56246.5	3.49	56106.92	56110.90234	56093.54587	56086.11328	504342.7	5409920.0

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4340.0	504342.7	5409920.0	75134.50000	273.59	0	48.842237	-86.940813	56103.60	56246.5	3.50	56107.10	56111.33984	56093.40656	56086.16797	504342.7	5409920.0
L4340.0	504342.8	5409921.7	75134.60156	273.59	0	48.842253	-86.940813	56103.65	56246.5	3.50	56107.15	56111.64063	56093.18794	56086.14063	504342.8	5409921.7
L4340.0	504342.8	5409923.5	75134.70313	268.27	0	48.842269	-86.940812	56103.90	56246.5	3.50	56107.40	56112.14063	56092.95305	56086.09766	504342.8	5409923.5
L4340.0	504342.9	5409924.9	75134.79688	268.23	0	48.842282	-86.940811	56104.11	56246.5	3.50	56107.61	56112.59375	56092.66360	56085.99609	504342.9	5409924.9
L4340.0	504342.9	5409924.9	75134.89844	266.22	0	48.842282	-86.940811	56104.53	56246.5	3.50	56108.03	56113.25781	56092.36297	56085.88281	504342.9	5409924.9
L4340.0	504342.9	5409926.4	75135.00000	265.10	0	48.842295	-86.940811	56104.62	56246.5	3.50	56108.12	56113.58594	56091.98512	56085.69141	504342.9	5409926.4
L4340.0	504342.9	5409926.4	75135.10156	263.72	0	48.842295	-86.940811	56104.56	56246.5	3.50	56108.06	56113.76172	56091.57447	56085.46484	504342.9	5409926.4
L4340.0	504342.9	5409928.1	75135.20313	262.82	0	48.842311	-86.940810	56104.44	56246.5	3.50	56107.94	56113.87500	56091.15772	56085.23438	504342.9	5409928.1
L4340.0	504343.0	5409929.9	75135.29688	259.56	0	48.842326	-86.940809	56104.40	56246.5	3.50	56107.90	56114.06641	56090.75848	56085.01563	504343.0	5409929.9
L4340.0	504343.0	5409931.3	75135.39844	255.80	0	48.842339	-86.940809	56104.21	56246.5	3.50	56107.70	56114.08984	56090.36874	56084.80859	504343.0	5409931.3
L4340.0	504343.1	5409933.5	75135.50000	256.70	0	48.842359	-86.940808	56104.13	56246.5	3.50	56107.62	56114.23438	56090.01978	56084.63672	504343.1	5409933.5
L4340.0	504343.1	5409933.5	75135.60156	256.70	0	48.842359	-86.940808	56104.18	56246.5	3.49	56107.68	56114.51563	56089.71742	56084.51172	504343.1	5409933.5
L4340.0	504343.2	5409935.3	75135.60156	254.87	0	48.842375	-86.940807	56104.07	56246.5	3.49	56107.57	56114.62109	56089.45120	56084.42188	504343.2	5409935.3
L4340.0	504343.2	5409936.8	75135.79688	256.03	0	48.842389	-86.940806	56103.78	56246.5	3.49	56107.27	56114.53516	56089.22843	56084.37109	504343.2	5409936.8
L4340.0	504343.2	5409936.8	75135.89844	257.80	0	48.842389	-86.940806	56103.70	56246.5	3.49	56107.19	56114.66406	56089.06735	56084.38281	504343.2	5409936.8
L4340.0	504343.3	5409938.6	75136.00000	257.40	0	48.842405	-86.940806	56103.82	56246.5	3.49	56107.31	56114.99219	56088.96906	56084.45313	504343.3	5409938.6
L4340.0	504343.3	5409939.9	75136.10156	257.18	0	48.842416	-86.940805	56104.06	56246.5	3.49	56107.55	56115.43359	56088.92978	56084.58203	504343.3	5409939.9
L4340.0	504343.4	5409941.4	75136.20313	257.23	0	48.842430	-86.940804	56104.06	56246.5	3.49	56107.55	56115.63672	56088.93053	56084.74609	504343.4	5409941.4
L4340.0	504343.4	5409941.4	75136.29688	258.24	0	48.842430	-86.940804	56104.31	56246.5	3.49	56107.79	56116.07422	56088.99575	56084.97656	504343.4	5409941.4
L4340.0	504343.4	5409943.1	75136.39844	262.02	0	48.842446	-86.940803	56104.26	56246.5	3.49	56107.74	56116.21875	56089.08472	56085.22656	504343.4	5409943.1
L4340.0	504343.5	5409944.9	75136.50000	264.64	0	48.842461	-86.940802	56104.02	56246.5	3.49	56107.51	56116.18359	56089.18628	56085.48828	504343.5	5409944.9
L4340.0	504343.6	5409946.6	75136.60156	264.64	0	48.842477	-86.940801	56103.50	56246.5	3.48	56106.98	56115.84375	56089.26385	56085.72266	504343.6	5409946.6
L4340.0	504343.6	5409946.6	75136.70313	268.03	0	48.842477	-86.940801	56102.76	56246.5	3.48	56106.25	56115.30078	56089.30100	56085.91406	504343.6	5409946.6
L4340.0	504343.7	5409948.8	75136.79688	269.26	0	48.842496	-86.940800	56102.94	56246.5	3.48	56106.42	56115.65625	56089.44270	56086.20703	504343.7	5409948.8
L4340.0	504343.7	5409949.7	75136.89844	270.99	0	48.842504	-86.940800	56102.91	56246.5	3.48	56106.39	56115.80859	56089.53466	56086.44922	504343.7	5409949.7
L4340.0	504343.8	5409951.4	75137.00000	270.29	0	48.842520	-86.940799	56102.82	56246.5	3.48	56106.30	56115.89844	56089.57984	56086.64453	504343.8	5409951.4
L4340.0	504343.8	5409951.4	75137.10156	269.72	0	48.842520	-86.940799	56102.56	56246.5	3.48	56106.04	56115.81641	56089.54111	56086.75000	504343.8	5409951.4
L4340.0	504343.8	5409953.2	75137.20313	270.28	0	48.842536	-86.940798	56102.28	56246.5	3.48	56105.76	56115.71484	56087.68402	56085.03906	504343.8	5409953.2
L4340.0	504343.9	5409954.7	75137.29688	271.37	0	48.842550	-86.940797	56102.04	56246.5	3.48	56105.52	56115.64844	56087.51165	56085.00781	504343.9	5409954.7
L4340.0	504343.9	5409954.7	75137.39844	271.41	0	48.842550	-86.940797	56101.70	56246.5	3.48	56105.18	56115.48438	56087.25318	56084.88672	504343.9	5409954.7
L4340.0	504344.0	5409956.5	75137.50000	272.76	0	48.842566	-86.940796	56101.53	56246.5	3.48	56105.01	56115.48438	56086.88655	56084.65625	504344.0	5409956.5
L4340.0	504344.0	5409956.5	75137.60156	272.76	0	48.842566	-86.940796	56101.34	56246.5	3.48	56104.82	56115.46484	56088.22691	56086.12891	504344.0	5409956.5
L4340.0	504344.0	5409958.5	75137.60156	271.05	0	48.842584	-86.940795	56101.13	56246.5	3.48	56104.61	56115.42578	56087.72706	56085.76172	504344.0	5409958.5
L4340.0	504344.1	5409960.5	75137.79688	272.18	0	48.842602	-86.940794	56100.44	56246.5	3.48	56103.92	56114.90234	56087.06501	56085.22656	504344.1	5409960.5
L4340.0	504344.1	5409961.5	75137.89844	271.76	0	48.842610	-86.940793	56099.65	56246.5	3.48	56103.13	56114.28125	56086.33194	56084.62109	504344.1	5409961.5
L4340.0	504344.1	5409961.5	75138.00000	271.22	0	48.842610	-86.940793	56099.90	56246.5	3.48	56103.38	56114.69922	56085.70855	56084.12109	504344.1	5409961.5
L4340.0	504344.2	5409963.2	75138.10156	266.68	0	48.842626	-86.940792	56099.93	56246.5	3.48	56103.41	56114.89453	56084.98838	56083.52344	504344.2	5409963.2
L4340.0	504344.3	5409964.8	75138.20313	264.17	0	48.842641	-86.940792	56099.88	56246.5	3.48	56103.36	56115.01172	56084.20657	56082.85938	504344.3	5409964.8
L4340.0	504344.3	5409964.8	75138.29688	264.43	0	48.842641	-86.940792	56099.22	56246.5	3.48	56102.70	56114.51953	56083.33296	56082.10547	504344.3	5409964.8
L4340.0	504344.3	5409966.3	75138.39844	263.58	0	48.842654	-86.940791	56099.27	56246.5	3.48	56102.75	56114.73828	56082.49347	56081.37891	504344.3	5409966.3
L4340.0	504344.4	5409968.0	75138.50000	259.96	0	48.842670	-86.940790	56098.80	56246.5	3.48	56102.28	56114.43750	56081.60656	56080.60547	504344.4	5409968.0
L4340.0	504344.5	5409969.2	75138.60156	259.96	0	48.842680	-86.940789	56098.16	56246.5	3.48	56101.64	56113.96484	56080.71973	56079.82422	504344.5	5409969.2
L4340.0	504344.5	5409970.8	75138.70313	255.63	0	48.842694	-86.940788	56097.53	56246.5	3.48	56101.01	56113.50391	56079.84915	56079.06250	504344.5	5409970.8
L4340.0	504344.5	5409970.8	75138.79688	253.60	0	48.842694	-86.940788	56096.97	56246.5	3.48	56100.45	56113.11328	56078.99843	56078.31641	504344.5	5409970.8
L4340.0	504344.6	5409972.4	75138.89844	253.71	0	48.842709	-86.940787	56096.82	56246.5	3.48	56100.30	56113.13672	56078.15309	56077.57422	504344.6	5409972.4
L4340.0	504344.6	5409973.8	75139.00000	253.92	0	48.842721	-86.940787	56096.39	56246.5	3.48	56099.87	56112.87891	56077.34111	56076.86328	504344.6	5409973.8
L4340.0	504344.7	5409975.3	75139.10156	252.18	0	48.842735	-86.940785	56096.14	56246.5	3.48	56099.62	56112.80469	56076.84758	56076.46484	504344.7	5409975.3
L4340.0	504344.7	5409975.3	75139.20313	253.29	0	48.842735	-86.940785	56095.46	56246.5	3.48	56098.94	56112.30078	56076.39951	56076.11328	504344.7	5409975.3
L4340.0	504344.8	5409977.0	75139.29688	254.68	0	48.842751	-86.940784	56095.05	56246.5	3.48	56098.53	56112.07422	56075.92311	56075.73047	504344.8	5409977.0
L4340.0	504344.9	5409978.3	75139.39844	254.27	0	48.842761	-86.940783	56094.38	56246.5	3.48	56097.86	56111.58594	56075.45366	56075.35156	504344.9	5409978.3
L4340.0	504344.9	5409978.3	75139.50000	254.27	0	48.842761	-86.940783	56093.92	56246.5	3.48	56097.39	56111.30078	56074.96039	56074.94531	504344.9	5409978.3
L4340.0	504345.0	5409980.0	75139.60156	254.85	0	48.842777	-86.940782	56093.45	56246.5	3.47	56096.93	56111.02734	56074.45591	56074.52734	504345.0	5409980.0
L4340.0	504345.1	5409982.1	75139.60156	254.43	0	48.842796	-86.940780	56093.05	56246.5	3.47	56096.52	56110.80859	56073.93747	56074.09375	504345.1	5409982.1
L4340.0	504345.1	5409982.1	75139.60156	254.43	0	48.842796	-86.940780	56092.29	56246.5	3.47	56095.77	56110.25781	56073.43100	56073.66797	504345.1	5409982.1
L4340.0	504345.2	5409983.7	75139.79688	256.38	0	48.842810	-86.940779	56091.86	56246.5	3.47	56095.33	56110.01563	56072.89307	56073.21094	504345.2	5409983.7
L4340.0	504345.3	5409985.1	75139.89844	257.85	0	48.842823	-86.940778	56091.33	56246.5	3.47	56094.80	56109.68750	56072.35029	56072.74609	504345.3	5409985.1
L4340.0	504345.3	5409986.7	75140.00000	256.66	0	48.842838	-86.940777	56090.64	56246.5	3.47	56094.11	56109.20703	56071.80724	56072.28125	504345.3	5409986.7
L4340.0	504345.3	5409986.7	75140.10156	256.10	0	48.842838	-86.940777	56090.22	56246.5	3.47	56093.69	56109.00000	56071.23518	56071.78125	504345.3	5409986.7
L4340.0	504345.4	5409988.7	75140.20313	255.42	0	48.842856	-86.940776	56089.26	56246.5	3.47	56092.73	56108.25391	56070.68803	56071.30859	504345.4	5409988.7
L4340.0	504345.5	5409990.2	75140.29688	253.70	0	48.842869	-86.940774	56088.74	56246.5	3.47	56092.21	56107.95703	56070.10038	56070.78906	504345.5	5409990.2
L4340.0	504345.6	5409991.7	75140.50000	256.01	0	48.842882	-86.940774	56088.15	56246.5	3.47	56091.62	56107.59766	56069.50617	56070.26563	504345.6	5409991.7
L4340.0	504345.6	5409991.7	75140.60156	256.01	0	48.842882	-86.940774	56087.46	56246.5	3.47	56090.93	56107.14063	56068.90731	56069.73438	504345.6	5409991.7
L4340.0	504345.6	5409993.6	75140.70313	257.39	0	48.842899	-86.940773	56086.73	56246.5	3.47	56090.20	56106.64844	56068.29973	56069.19141	504345.6	5409993.6
L4340.0	504345.7	5409994.7	75140.79688	259.00	0	48.842909	-86.940772	56085.87	56246.5	3.47	56089.34	56106.03516	56067.74557	56068.69922	504345.7	5409994.7
L4340.0	504345.8	5409996.6	75140.89844	256.89	0	48.842926	-86.940771	56085.06	56246.5	3.47	56088.53	56105.47656	56067.34164	56068.35938	504345.8	5409996.6
L4340.0	504345.8	5409996.6	75141.00000	257.44	0	48.842926	-86.940771	56084.29	56246.5	3.47	56087.76	56104.96484	56066.94204	56068.01953	504345.8	5409996.6
L4340.0	504345.8	5409998.3	75141.10156	257.53	0	48.842942	-86.940770	56083.79	56246.5	3.47	56087.26	56104.73047	56066.54415	56067.67969	504345.8	5409998.3
L4340.0	504345.9	5409999.6	75141.20313	256.77	0	48.842954	-86.940770	56082.96	56246.5	3.47	56086.43	56104.17188	56066.16699	56067.35938	504345.9	5409999.6
L4340.0	504345.9	5410001.1	75141.29688	259.98	0	48.842967	-86.940769	56082.09	56246.5	3.47	56085.57	56103.59375	56065.79712	56067.04688	504345.9	5410001.1
L4340.0	504345.9	5410001.1	75141.39844	259.33	0	48.842967	-86.940769	56081.16	56246.5	3.47	56084.64	56102.94922	56065.43225	56066.73828	504345.9	5410001.1
L4340.0	504346.0	5410003.1	75141.50000	259.09	0	48.842985	-86.940768	56080.31	56246.5	3.48	56083.78	56102.38672	56065.07249	56066.43359	504346.0	5410003.1
L4340.0	504346.0	5410003.1	75141.60156	259.09	0	48.842985	-86.940768	56079.41	56246.5	3.48	56082.89	56101.79688	56064.71435	56066.12891	504346.0	5410003.1
L4340.0	504346.0	5410005.1	75141.60156	260.15	0	48.843003	-86.940767	56078.74	56246.5	3.48	56082.21	56101.42969	56064.37159	56065.83594	504346.0	5410005.1
L4340.0	504346.1	5410006.8	75141.79688	259.63	0	48.843018	-86.940767	56077.92	56246.5	3.48	56081.40	56100.94141	56064.02214	56065.53906	504346.1	5410006.8
L4340.0	504346.1	5410006.8	75141.89844	261.41	0	48.843018	-86.940767	56077.02	56246.5	3.48	56080.50	56100.36719	56063.65909	56065.22656	504346.1	5410006.8
L4340.0	504346.1	5410008.6	75142.00000	264.38	0	48.843034	-86.940766	56076.06	56246.5	3.48	56079.54	56099.74609	56063.27421	56064.89063	504346.1	5410008.6
L4340.0	504346.1	5410010.1	75142.10156	266.49	0	48.843048	-86.940766	56074.76	56246.5	3.48	56078.24	56098.79297	56062.81200	56064.47656	504346.1	5410010.1
L4340.0	504346.1	5410010.1	75142.20313	269.37	0	48.843048	-86.940766	56073.93	56246.5	3.48	56077.41	56098.32031	56062.39031	56064.10156	504346.1	5410010.1
L4340.0	504346.2	5410011.8	75142.29688	269.96	0	48.843064	-86.940765	56072.73	56246.5	3.48	56076.21	56097.48438	56061.86457	56063.62500	504346.2	5410011.8
L4340.0	504346.2	5410013.3	75142.39844	271.37	0	48.843077	-86.940765	56071.70	56246.5	3.48	56075.18	56096.83203	56058.91192	56060.71875	504346.2	5410013.3
L4340.0	504346.3	5410015.0	75142.50000	270.71	0	48.843092	-86.940764	56070.43	56246.5	3.48	56073.91	56095.94531	56058.36355	56060.21875	504346.3	5410015.0
L4340.0	504346.3	5410015.0	75142.60156	270.71	0	48.843092	-86.940764	56069.50	56246.5	3.48	56072.98	56095.41016	56057.73206	56059.63281	504346.3	5410015.0
L4340.0	504346.3	5410016.5	75142.70313	274.68	0	48.843106	-86.940764	56068.29	56246.5	3.48	56071.77	56094.60547	56057.03986	56058.98438	504346.3	5410016.5
L4340.0	504346.3	5410017.8	75142.79688	273.05	0	48.843117	-86.940763	56067.05	56246.5	3.48	56070.53	56093.78125	56056.27202	56058.26172	504346.3	5410017.8
L4340.0	504346.3	5410017.8	75142.89844	272.90	0	48.843117	-86.940763	56066.39	56246.5	3.48	56069.87	56093.55078	56055.42946	56057.46484	504346.3	5410017.8
L4340.0	504346.4	5410021.4	75143.00000	272.79	0	48.843150	-86.940762	56064.87	56246.5	3.48	56068.35	56092.46484	56054.50356	56056.58594	504346.4	5410021.4
L4340.0	504346.4	5410021.4	75143.10156	274.21	0	48.843150	-86.940762	56063.66	56246.5	3.48	56067.14	56091.70313	56053.50201	56055.62891	504346.4	5410021.4
L4340.0	504346.5	5410023.1	75143.20313	274.82	0	48.843165	-86.940761	56062.40	56246.5	3.48	56065.88	56090.90234	56052.42520	56054.59766	504346.5	5410023.1
L4340.0	504346.5	5410023.1	75143.29688	274.74	0	48.843165	-86.940761	56061.43	56246.5	3.48	56064.90	56090.39063	56051.27344	56053.49219	504346.5	5410023.1
L4340.0	504346.5	5410024.8	75143.39844	273.33	0	48.843180	-86.940760	56059.99	56246.5	3.48	56063.46	56089.43359	56050.05455	56052.32031	504346.5	5410024.8
L4340.0	504346.6	5410026.2	75143.50000	272.58	0	48.843193	-86.940760	56058.50	56246.5	3.48	56061.98	56088.44531	56048.77728	56051.08984	504346.6	5410026.2
L4340.0	504346.6	5410028.1	75143.60156	272.58	0	48.843210	-86.940759	56057.36	56246.5	3.47	56060.83	56087.79688	56047.42674	56049.78516	504346.6	5410028.1
L4340.0	504346.6	5410028.1	75143.60156	269.43	0	48.843210	-86.940759	56055.94	56246.5	3.47	56059.41	56086.89063	56048.61481	56051.01953	504346.6	5410028.1

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4340.0	504346.6	5410030.1	75143.79688	267.54	0	48.843227	-86.940759	56054.93	56246.5	3.47	56058.41	56086.41797	56047.32774	56049.78125	504346.6	5410030.1
L4340.0	504346.6	5410030.1	75143.89844	263.92	0	48.843227	-86.940759	56053.21	56246.5	3.47	56056.68	56085.22656	56045.89210	56048.39453	504346.6	5410030.1
L4340.0	504346.7	5410032.0	75144.00000	263.99	0	48.843245	-86.940758	56051.74	56246.5	3.47	56055.21	56084.30469	56044.49357	56047.04688	504346.7	5410032.0
L4340.0	504346.7	5410033.7	75144.10156	262.75	0	48.843261	-86.940757	56050.11	56246.5	3.47	56053.57	56083.22266	56043.08072	56045.68359	504346.7	5410033.7
L4340.0	504346.7	5410033.7	75144.20313	262.51	0	48.843261	-86.940757	56048.86	56246.5	3.47	56052.32	56082.54688	56041.71132	56044.36719	504346.7	5410033.7
L4340.0	504346.8	5410035.7	75144.29688	262.11	0	48.843278	-86.940756	56047.24	56246.5	3.46	56050.70	56081.51172	56040.33017	56043.03516	504346.8	5410035.7
L4340.0	504346.8	5410036.9	75144.39844	262.03	0	48.843289	-86.940756	56045.52	56246.5	3.46	56048.98	56080.38672	56038.97605	56041.73828	504346.8	5410036.9
L4340.0	504346.8	5410036.9	75144.50000	259.31	0	48.843289	-86.940756	56043.93	56246.5	3.46	56047.39	56079.40234	56037.65573	56040.47266	504346.8	5410036.9
L4340.0	504346.9	5410038.5	75144.60156	259.31	0	48.843304	-86.940755	56042.16	56246.5	3.46	56045.62	56078.25000	56036.37453	56039.24609	504346.9	5410038.5
L4340.0	504346.9	5410040.0	75144.70313	255.94	0	48.843317	-86.940755	56040.99	56246.5	3.46	56044.45	56077.71094	56035.11018	56038.03906	504346.9	5410040.0
L4340.0	504347.0	5410041.6	75144.79688	252.40	0	48.843331	-86.940754	56039.04	56246.5	3.45	56042.50	56076.40234	56034.07651	56037.06250	504347.0	5410041.6
L4340.0	504347.0	5410043.2	75144.89844	252.16	0	48.843346	-86.940753	56037.73	56246.5	3.45	56041.18	56075.73438	56032.98850	56036.03516	504347.0	5410043.2
L4340.0	504347.0	5410043.2	75145.00000	250.94	0	48.843346	-86.940753	56035.83	56246.6	3.45	56039.28	56074.50000	56031.92692	56035.03516	504347.0	5410043.2
L4340.0	504347.1	5410044.8	75145.10156	249.76	0	48.843360	-86.940753	56034.06	56246.5	3.45	56037.52	56073.41797	56030.84385	56034.01563	504347.1	5410044.8
L4340.0	504347.1	5410046.2	75145.20313	249.50	0	48.843373	-86.940752	56032.17	56246.5	3.46	56035.62	56072.20313	56029.75805	56032.99609	504347.1	5410046.2
L4340.0	504347.1	5410046.2	75145.29688	250.41	0	48.843373	-86.940752	56030.29	56246.5	3.46	56033.75	56071.03125	56028.65831	56031.96094	504347.1	5410046.2
L4340.0	504347.2	5410048.3	75145.39844	249.34	0	48.843392	-86.940751	56028.38	56246.5	3.46	56031.84	56069.83203	56027.54939	56030.92188	504347.2	5410048.3
L4340.0	504347.2	5410050.1	75145.50000	247.83	0	48.843408	-86.940750	56026.24	56246.5	3.47	56029.71	56068.42188	56026.44344	56029.88672	504347.2	5410050.1
L4340.0	504347.2	5410050.1	75145.60156	247.83	0	48.843408	-86.940750	56024.45	56246.5	3.47	56027.92	56067.36328	56025.30324	56028.81641	504347.2	5410050.1
L4340.0	504347.3	5410051.4	75145.60156	253.25	0	48.843419	-86.940749	56022.56	56246.5	3.47	56026.02	56066.20703	56024.15895	56027.74609	504347.3	5410051.4
L4340.0	504347.4	5410052.8	75145.79688	252.84	0	48.843432	-86.940749	56020.78	56246.5	3.47	56024.26	56065.19922	56022.99406	56026.66016	504347.4	5410052.8
L4340.0	504347.4	5410054.6	75145.89844	256.76	0	48.843449	-86.940748	56018.61	56246.5	3.48	56022.09	56063.79297	56021.84539	56025.58984	504347.4	5410054.6
L4340.0	504347.4	5410054.6	75146.00000	258.78	0	48.843449	-86.940748	56016.64	56246.5	3.48	56020.12	56062.59375	56020.67245	56024.49609	504347.4	5410054.6
L4340.0	504347.5	5410056.2	75146.10156	258.83	0	48.843463	-86.940747	56014.31	56246.5	3.48	56017.79	56061.05078	56019.51277	56023.42188	504347.5	5410056.2
L4340.0	504347.5	5410057.8	75146.20313	258.76	0	48.843477	-86.940746	56012.14	56246.5	3.48	56015.62	56059.67188	56018.33188	56022.32422	504347.5	5410057.8
L4340.0	504347.6	5410059.7	75146.29688	259.23	0	48.843494	-86.940745	56009.91	56246.5	3.48	56013.38	56058.23438	56017.14531	56021.22656	504347.6	5410059.7
L4340.0	504347.6	5410059.7	75146.39844	259.53	0	48.843494	-86.940745	56007.73	56246.5	3.48	56011.21	56056.87891	56015.94396	56020.11719	504347.6	5410059.7
L4340.0	504347.7	5410061.2	75146.50000	257.69	0	48.843508	-86.940744	56005.56	56246.5	3.48	56009.03	56055.51953	56014.70271	56018.96875	504347.7	5410061.2
L4340.0	504347.7	5410062.5	75146.60156	257.69	0	48.843520	-86.940744	56003.23	56246.5	3.47	56006.70	56054.02344	56013.42466	56017.78516	504347.7	5410062.5
L4340.0	504347.7	5410062.5	75146.70313	257.92	0	48.843520	-86.940744	56000.37	56246.5	3.47	56003.84	56052.00391	56012.15106	56016.60938	504347.7	5410062.5
L4340.0	504347.7	5410064.1	75146.79688	262.83	0	48.843533	-86.940743	55997.99	56246.5	3.47	56001.46	56050.47266	56010.84042	56015.39844	504347.7	5410064.1
L4340.0	504347.8	5410065.3	75146.89844	261.62	0	48.843544	-86.940743	55995.89	56246.5	3.47	55999.37	56049.23828	56009.51439	56014.17578	504347.8	5410065.3
L4340.0	504347.8	5410066.8	75147.00000	261.88	0	48.843558	-86.940742	55993.89	56246.5	3.47	55997.36	56048.09375	56008.18695	56012.95313	504347.8	5410066.8
L4340.0	504347.8	5410066.8	75147.10156	261.58	0	48.843558	-86.940742	55991.39	56246.5	3.47	55994.86	56046.46875	56006.87359	56011.75000	504347.8	5410066.8
L4340.0	504347.8	5410069.0	75147.20313	261.19	0	48.843577	-86.940742	55989.06	56246.5	3.47	55992.53	56045.01953	56005.55366	56010.54297	504347.8	5410069.0
L4340.0	504347.9	5410070.8	75147.29688	262.45	0	48.843594	-86.940742	55986.18	56246.5	3.47	55989.65	56043.02734	56004.24321	56009.34766	504347.9	5410070.8
L4340.0	504347.9	5410072.3	75147.39844	260.40	0	48.843608	-86.940741	55983.90	56246.5	3.47	55987.37	56041.64453	56002.90986	56008.12891	504347.9	5410072.3
L4340.0	504347.9	5410072.3	75147.50000	259.10	0	48.843608	-86.940741	55981.30	56246.5	3.47	55984.76	56039.93359	56001.56853	56006.91016	504347.9	5410072.3
L4340.0	504347.9	5410074.1	75147.60156	259.10	0	48.843624	-86.940741	55978.84	56246.5	3.46	55982.31	56038.39453	56000.20029	56005.66406	504347.9	5410074.1
L4340.0	504347.9	5410075.9	75147.60156	258.49	0	48.843640	-86.940741	55976.12	56246.5	3.46	55979.58	56036.57813	55998.80475	56004.39844	504347.9	5410075.9
L4340.0	504347.9	5410075.9	75147.79688	256.66	0	48.843640	-86.940741	55973.13	56246.5	3.46	55976.59	56034.50781	55997.37039	56003.09375	504347.9	5410075.9
L4340.0	504347.9	5410077.9	75147.89844	255.47	0	48.843658	-86.940740	55970.60	56246.5	3.46	55974.06	56032.90625	55995.87873	56001.73438	504347.9	5410077.9
L4340.0	504348.0	5410079.7	75148.00000	256.03	0	48.843674	-86.940740	55967.62	56246.5	3.46	55971.08	56030.85547	55994.32795	56000.32031	504348.0	5410079.7
L4340.0	504348.0	5410079.7	75148.10156	256.07	0	48.843674	-86.940740	55965.26	56246.5	3.46	55968.72	56029.43359	55992.71100	55998.83984	504348.0	5410079.7
L4340.0	504348.0	5410081.2	75148.20313	256.63	0	48.843688	-86.940739	55962.02	56246.5	3.46	55965.49	56027.14063	55991.00640	55997.27734	504348.0	5410081.2
L4340.0	504348.1	5410083.0	75148.29688	256.72	0	48.843703	-86.940739	55959.32	56246.5	3.47	55962.79	56025.38672	55989.22991	55995.64844	504348.1	5410083.0
L4340.0	504348.1	5410083.0	75148.39844	257.42	0	48.843703	-86.940739	55956.41	56246.5	3.47	55959.87	56023.41406	55987.36007	55993.92578	504348.1	5410083.0
L4340.0	504348.1	5410085.0	75148.50000	259.06	0	48.843722	-86.940738	55953.35	56246.5	3.47	55956.82	56021.31641	55985.39010	55992.10938	504348.1	5410085.0
L4340.0	504348.1	5410085.0	75148.60156	259.06	0	48.843722	-86.940738	55950.48	56246.5	3.47	55953.96	56019.41016	55983.34492	55990.21875	504348.1	5410085.0
L4340.0	504348.1	5410086.8	75148.70313	263.53	0	48.843738	-86.940738	55947.30	56246.5	3.47	55950.78	56017.18750	55981.19134	55988.22656	504348.1	5410086.8
L4340.0	504348.2	5410088.8	75148.79688	266.80	0	48.843756	-86.940737	55944.57	56246.5	3.48	55948.04	56015.40625	55979.01735	55986.21484	504348.2	5410088.8
L4340.0	504348.2	5410090.3	75148.89844	267.59	0	48.843769	-86.940737	55941.34	56246.5	3.48	55944.81	56013.13672	55976.73805	55984.09766	504348.2	5410090.3
L4340.0	504348.2	5410090.3	75149.00000	268.32	0	48.843769	-86.940737	55938.35	56246.5	3.48	55941.83	56011.12109	55974.46993	55982.00000	504348.2	5410090.3
L4340.0	504348.3	5410092.6	75149.10156	269.53	0	48.843790	-86.940736	55935.14	56246.5	3.48	55938.62	56008.87500	55972.16557	55979.86719	504348.3	5410092.6
L4340.0	504348.3	5410093.8	75149.20313	271.20	0	48.843801	-86.940736	55932.13	56246.5	3.48	55935.61	56006.82813	55969.91676	55977.79688	504348.3	5410093.8
L4340.0	504348.3	5410093.8	75149.29688	274.76	0	48.843801	-86.940736	55929.12	56246.5	3.48	55932.60	56004.78125	55967.72000	55975.77734	504348.3	5410093.8
L4340.0	504348.3	5410095.2	75149.39844	273.18	0	48.843814	-86.940735	55925.98	56246.5	3.48	55929.46	56002.60547	55966.32065	55974.55859	504348.3	5410095.2
L4340.0	504348.4	5410097.0	75149.50000	273.17	0	48.843829	-86.940735	55923.04	56246.5	3.48	55926.52	56000.62891	55964.40908	55972.83594	504348.4	5410097.0
L4340.0	504348.4	5410097.0	75149.60156	273.17	0	48.843829	-86.940735	55919.50	56246.5	3.48	55922.98	55998.05469	55962.65076	55971.26563	504348.4	5410097.0
L4340.0	504348.4	5410098.9	75149.60156	274.83	0	48.843846	-86.940734	55916.42	56246.5	3.48	55919.90	55995.93359	55960.97705	55969.78516	504348.4	5410098.9
L4340.0	504348.4	5410100.2	75149.79688	274.22	0	48.843858	-86.940734	55913.11	56246.5	3.48	55916.59	55993.58594	55959.44486	55968.44922	504348.4	5410100.2
L4340.0	504348.4	5410102.2	75149.89844	270.84	0	48.843876	-86.940734	55909.76	56246.5	3.48	55913.24	55991.19141	55958.04754	55967.25000	504348.4	5410102.2
L4340.0	504348.4	5410102.2	75150.00000	271.25	0	48.843876	-86.940734	55906.58	56246.5	3.48	55910.06	55988.96484	55956.76833	55966.17188	504348.4	5410102.2
L4340.0	504348.5	5410104.2	75150.10156	270.06	0	48.843894	-86.940733	55903.14	56246.5	3.48	55906.62	55986.48047	55955.63266	55965.24609	504348.5	5410104.2
L4340.0	504348.5	5410105.8	75150.20313	267.85	0	48.843909	-86.940733	55900.00	56246.5	3.48	55903.48	55984.28906	55952.31417	55962.13672	504348.5	5410105.8
L4340.0	504348.5	5410105.8	75150.29688	264.87	0	48.843909	-86.940733	55896.43	56246.5	3.47	55899.91	55981.66406	55951.06627	55961.10156	504348.5	5410105.8
L4340.0	504348.5	5410107.3	75150.39844	261.29	0	48.843922	-86.940733	55893.42	56246.5	3.47	55896.89	55979.58203	55949.96953	55960.21875	504348.5	5410107.3
L4340.0	504348.5	5410109.3	75150.50000	258.93	0	48.843940	-86.940732	55889.88	56246.5	3.47	55893.35	55976.98047	55948.79969	55959.26953	504348.5	5410109.3
L4340.0	504348.6	5410110.8	75150.60156	258.93	0	48.843953	-86.940732	55886.97	56246.5	3.47	55890.44	55975.00000	55947.73490	55958.42578	504348.6	5410110.8
L4340.0	504348.6	5410110.8	75150.70313	258.50	0	48.843953	-86.940732	55883.36	56246.5	3.47	55886.82	55972.30469	55946.53608	55957.45313	504348.6	5410110.8
L4340.0	504348.6	5410112.5	75150.79688	260.52	0	48.843969	-86.940731	55880.37	56246.5	3.46	55883.83	55970.23438	55945.40874	55956.55469	504348.6	5410112.5
L4340.0	504348.6	5410114.0	75150.89844	263.91	0	48.843983	-86.940731	55876.75	56246.5	3.46	55880.22	55967.53906	55944.16194	55955.53906	504348.6	5410114.0
L4340.0	504348.6	5410115.6	75151.00000	263.91	0	48.843997	-86.940731	55873.64	56246.5	3.46	55877.10	55965.32813	55942.96087	55954.57422	504348.6	5410115.6
L4340.0	504348.6	5410115.6	75151.10156	264.98	0	48.843997	-86.940731	55870.43	56246.5	3.46	55873.89	55963.01563	55941.73422	55953.58594	504348.6	5410115.6
L4340.0	504348.6	5410117.0	75151.20313	265.29	0	48.844009	-86.940730	55866.99	56246.5	3.46	55870.45	55960.46875	55940.47862	55952.57422	504348.6	5410117.0
L4340.0	504348.6	5410117.0	75151.29688	264.19	0	48.844009	-86.940730	55863.81	56246.5	3.46	55867.26	55958.16406	55939.27538	55951.61328	504348.6	5410117.0
L4340.0	504348.7	5410118.7	75151.39844	262.61	0	48.844025	-86.940730	55860.77	56246.5	3.46	55864.22	55956.00000	55938.12982	55950.71484	504348.7	5410118.7
L4340.0	504348.7	5410120.4	75151.50000	265.63	0	48.844040	-86.940729	55858.06	56246.5	3.46	55861.52	55954.16797	55937.08559	55949.92188	504348.7	5410120.4
L4340.0	504348.7	5410120.4	75151.60156	265.63	0	48.844040	-86.940729	55854.80	56246.5	3.45	55858.25	55951.75781	55936.04925	55949.14063	504348.7	5410120.4
L4340.0	504348.7	5410121.9	75151.60156	267.05	0	48.844054	-86.940729	55851.34	56246.5	3.45	55854.79	55949.14844	55935.08593	55948.43359	504348.7	5410121.9
L4340.0	504348.8	5410123.4	75151.79688	269.99	0	48.844067	-86.940729	55848.25	56246.5	3.45	55851.70	55946.89844	55934.26321	55947.87109	504348.8	5410123.4
L4340.0	504348.8	5410125.2	75151.89844	269.65	0	48.844083	-86.940728	55845.57	56246.5	3.45	55849.02	55945.04688	55933.59526	55947.46484	504348.8	5410125.2
L4340.0	504348.8	5410125.2	75152.00000	268.19	0	48.844083	-86.940728	55842.93	56246.6	3.45	55846.38	55943.22656	55933.05778	55947.19141	504348.8	5410125.2
L4340.0	504348.8	5410127.2	75152.10156	268.81	0	48.844101	-86.940728	55840.05	56246.5	3.45	55843.50	55941.15625	55932.63082	55947.03125	504348.8	5410127.2
L4340.0	504348.9	5410128.9	75152.20313	268.84	0	48.844117	-86.940727	55837.39	56246.5	3.45	55840.85	55939.30469	55932.34440	55947.01563	504348.9	5410128.9
L4340.0	504348.9	5410128.9	75152.29688	264.59	0	48.844117	-86.940727	55834.28	56246.5	3.45	55837.73	55936.97266	55932.13181	55947.07422	504348.9	5410128.9
L4340.0	504348.9	5410130.6	75152.39844	261.61	0	48.844132	-86.940727	55831.50	56246.5	3.45	55834.96	55934.97656	55932.03419	55947.25391	504348.9	5410130.6
L4340.0	504348.9	5410132.1	75152.50000	256.04	0	48.844146	-86.940727	55828.82	56246.5	3.46	55832.28	55933.05859	55931.98710	55947.48438	504348.9	5410132.1
L4340.0	504348.9	5410133.7	75152.60156	256.04	0	48.844159	-86.940726	55826.70	56246.5	3.46	55830.15	55931.67969	55931.95621	55947.73438	504348.9	5410133.7
L4340.0	504348.9	5410133.7	75152.70313	253.58	0	48.844159	-86.940726	55823.89	56246.5	3.46	55827.34	55929.60938	55931.84037	55947.89844	504348.9	5410133.7
L4340.0	504348.9	5410135.8	75152.79688	254.03	0	48.844179	-86.940726	55821.06	56246.5	3.46	55824.51	55927.50391	55931.61551	55947.96094	504348.9	5410135.8
L4340.0	504348.9	5410137.3	75152.89844	256.54	0	48.844192	-86.940726	55818.81	56246.5	3.46	55822.27	55925.97266	55931.25529	55947.88672	504348.9	5410137.3
L4340.0	504349.0	5410139.1	75153.00000	255.24	0	48.844209	-86.940726	55816.36	56246.5	3.46	55819.82	55924.22266	55930.69981	55947.62109	504349.0	5410139.1

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4340.0	504349.0	5410139.1	75153.10156	254.85	0	48.844209	-86.940726	55814.40	56246.5	3.46	55817.86	55922.94531	55929.91826	55947.12891	504349.0	5410139.1
L4340.0	504349.0	5410140.7	75153.20313	254.25	0	48.844222	-86.940726	55812.02	56246.5	3.45	55815.48	55921.23828	55928.86712	55946.37500	504349.0	5410140.7
L4340.0	504349.0	5410142.2	75153.29688	255.25	0	48.844236	-86.940726	55810.26	56246.5	3.45	55813.71	55920.12500	55927.54898	55945.35156	504349.0	5410142.2
L4340.0	504349.0	5410142.2	75153.39844	259.14	0	48.844236	-86.940726	55808.43	56246.6	3.45	55811.88	55918.93359	55925.94366	55944.04297	504349.0	5410142.2
L4340.0	504348.9	5410144.3	75153.50000	260.25	0	48.844255	-86.940726	55806.84	56246.6	3.44	55810.28	55917.96094	55924.05621	55942.45313	504348.9	5410144.3
L4340.0	504348.9	5410144.3	75153.60156	260.25	0	48.844255	-86.940726	55805.12	56246.6	3.44	55808.56	55916.85156	55921.89247	55940.58984	504348.9	5410144.3
L4340.0	504348.9	5410147.3	75153.60156	259.98	0	48.844282	-86.940726	55803.47	56246.6	3.44	55806.92	55915.80859	55919.47758	55938.48047	504348.9	5410147.3
L4340.0	504348.9	5410147.3	75153.79688	259.89	0	48.844282	-86.940726	55802.01	56246.6	3.44	55805.45	55914.92188	55916.85257	55936.16016	504348.9	5410147.3
L4340.0	504348.9	5410149.3	75153.89844	262.62	0	48.844301	-86.940726	55800.67	56246.6	3.43	55804.10	55914.13672	55914.06225	55933.67188	504348.9	5410149.3
L4340.0	504348.9	5410150.9	75154.00000	264.16	0	48.844314	-86.940726	55799.61	56246.6	3.43	55803.04	55913.62500	55911.18003	55931.09766	504348.9	5410150.9
L4340.0	504348.9	5410150.9	75154.10156	266.00	0	48.844314	-86.940726	55798.29	56246.6	3.43	55801.72	55912.83984	55908.20482	55928.43359	504348.9	5410150.9
L4340.0	504348.9	5410152.7	75154.20313	268.57	0	48.844331	-86.940726	55797.41	56246.6	3.43	55800.84	55912.47656	55905.28983	55925.82813	504348.9	5410152.7
L4340.0	504348.9	5410154.3	75154.29688	270.88	0	48.844345	-86.940726	55796.54	56246.6	3.43	55799.97	55912.10547	55902.43446	55923.28125	504348.9	5410154.3
L4340.0	504348.9	5410156.1	75154.39844	269.83	0	48.844361	-86.940726	55795.84	56246.6	3.43	55799.27	55911.89063	55899.72909	55920.89063	504348.9	5410156.1
L4340.0	504348.9	5410156.1	75154.50000	269.77	0	48.844361	-86.940726	55794.95	56246.6	3.43	55798.38	55911.46875	55906.68581	55928.16016	504348.9	5410156.1
L4340.0	504348.9	5410158.1	75154.60156	269.77	0	48.844380	-86.940726	55794.42	56246.6	3.43	55797.85	55911.38672	55904.21160	55926.00000	504348.9	5410158.1
L4340.0	504348.9	5410158.1	75154.70313	270.81	0	48.844380	-86.940726	55794.12	56246.6	3.43	55797.55	55911.52344	55902.00490	55924.10938	504348.9	5410158.1
L4340.0	504349.0	5410160.1	75154.79688	272.91	0	48.844398	-86.940726	55794.12	56246.6	3.43	55797.55	55911.93750	55900.08203	55922.50000	504349.0	5410160.1
L4340.0	504349.0	5410162.0	75154.89844	271.23	0	48.844414	-86.940725	55794.04	56246.6	3.43	55797.47	55912.25781	55898.46505	55921.19922	504349.0	5410162.0
L4340.0	504349.0	5410162.0	75155.00000	270.30	0	48.844414	-86.940725	55794.29	56246.6	3.43	55797.72	55912.89063	55897.13523	55920.18750	504349.0	5410162.0
L4340.0	504349.0	5410163.7	75155.10156	270.32	0	48.844430	-86.940725	55793.96	56246.6	3.43	55797.39	55912.92578	55896.09440	55919.46484	504349.0	5410163.7
L4340.0	504349.0	5410163.7	75155.20313	271.63	0	48.844430	-86.940725	55793.79	56246.6	3.43	55797.22	55913.10156	55895.32641	55919.01563	504349.0	5410163.7
L4340.0	504349.0	5410165.6	75155.29688	272.22	0	48.844447	-86.940725	55794.07	56246.6	3.43	55797.50	55913.71094	55894.82376	55918.83203	504349.0	5410165.6
L4340.0	504349.0	5410167.4	75155.39844	270.62	0	48.844463	-86.940725	55794.20	56246.6	3.43	55797.63	55914.15234	55894.55778	55918.88281	504349.0	5410167.4
L4340.0	504349.0	5410168.9	75155.50000	271.45	0	48.844477	-86.940725	55794.60	56246.6	3.43	55798.03	55914.84766	55894.50868	55919.15234	504349.0	5410168.9
L4340.0	504349.0	5410168.9	75155.60156	271.45	0	48.844477	-86.940725	55795.13	56246.6	3.44	55798.56	55915.65625	55894.64532	55919.60938	504349.0	5410168.9
L4340.0	504349.1	5410170.4	75155.60156	270.57	0	48.844490	-86.940724	55795.96	56246.6	3.44	55799.40	55916.75781	55894.93726	55920.22266	504349.1	5410170.4
L4340.0	504349.1	5410172.0	75155.79688	270.28	0	48.844504	-86.940724	55796.52	56246.6	3.44	55799.96	55917.55859	55895.34488	55920.94922	504349.1	5410172.0
L4340.0	504349.1	5410172.0	75155.89844	270.93	0	48.844504	-86.940724	55797.05	56246.6	3.44	55800.49	55918.31250	55895.86721	55921.78906	504349.1	5410172.0
L4340.0	504349.1	5410173.5	75156.00000	269.98	0	48.844518	-86.940724	55798.06	56246.6	3.44	55801.50	55919.52734	55896.49251	55922.73047	504349.1	5410173.5
L4340.0	504349.1	5410175.5	75156.10156	270.49	0	48.844536	-86.940723	55798.90	56246.6	3.44	55802.34	55920.55859	55897.20343	55923.76172	504349.1	5410175.5
L4340.0	504349.1	5410175.5	75156.20313	270.15	0	48.844536	-86.940723	55800.14	56246.6	3.44	55803.58	55921.96875	55897.99676	55924.87109	504349.1	5410175.5
L4340.0	504349.2	5410177.5	75156.29688	268.07	0	48.844554	-86.940722	55801.14	56246.6	3.44	55804.58	55923.12500	55898.88361	55926.07422	504349.2	5410177.5
L4340.0	504349.2	5410179.0	75156.39844	267.64	0	48.844567	-86.940722	55802.32	56246.6	3.44	55805.75	55924.42969	55899.86217	55927.37109	504349.2	5410179.0
L4340.0	504349.3	5410180.6	75156.50000	268.24	0	48.844582	-86.940721	55803.04	56246.6	3.43	55806.48	55925.27734	55900.95513	55928.77734	504349.3	5410180.6
L4340.0	504349.3	5410180.6	75156.60156	268.24	0	48.844582	-86.940721	55804.44	56246.6	3.43	55807.87	55926.76953	55902.12689	55930.26563	504349.3	5410180.6
L4340.0	504349.3	5410182.5	75156.70313	270.90	0	48.844598	-86.940720	55805.81	56246.6	3.43	55809.24	55928.22266	55903.40100	55931.85156	504349.3	5410182.5
L4340.0	504349.3	5410182.5	75156.79688	274.55	0	48.844598	-86.940720	55806.68	56246.6	3.43	55810.12	55929.17188	55904.81736	55933.58203	504349.3	5410182.5
L4340.0	504349.4	5410184.4	75156.89844	274.72	0	48.844615	-86.940720	55807.55	56246.6	3.43	55810.98	55930.08203	55906.36281	55935.43750	504349.4	5410184.4
L4340.0	504349.4	5410186.2	75157.00000	272.65	0	48.844632	-86.940719	55808.31	56246.6	3.43	55811.74	55930.87500	55901.16721	55930.55469	504349.4	5410186.2
L4340.0	504349.5	5410187.9	75157.10156	272.96	0	48.844647	-86.940719	55810.06	56246.6	3.43	55813.49	55932.64063	55903.06655	55932.76172	504349.5	5410187.9
L4340.0	504349.5	5410187.9	75157.20313	269.30	0	48.844647	-86.940719	55811.46	56246.6	3.43	55814.89	55934.03906	55905.01574	55935.01953	504349.5	5410187.9
L4340.0	504349.5	5410189.6	75157.29688	265.82	0	48.844662	-86.940718	55813.62	56246.6	3.43	55817.05	55936.17969	55907.22019	55937.52734	504349.5	5410189.6
L4340.0	504349.5	5410189.6	75157.39844	266.44	0	48.844662	-86.940718	55814.64	56246.6	3.43	55818.07	55937.16797	55909.38568	55940.00000	504349.5	5410189.6
L4340.0	504349.5	5410191.4	75157.50000	266.70	0	48.844679	-86.940717	55816.34	56246.6	3.43	55819.77	55938.81641	55911.77178	55942.68750	504349.5	5410191.4
L4340.0	504349.6	5410192.9	75157.60156	266.70	0	48.844692	-86.940717	55817.88	56246.6	3.43	55821.31	55940.28906	55914.23682	55945.45313	504349.6	5410192.9
L4340.0	504349.6	5410194.4	75157.60156	262.00	0	48.844705	-86.940717	55819.54	56246.6	3.43	55822.97	55941.86719	55916.78911	55948.30469	504349.6	5410194.4
L4340.0	504349.6	5410196.1	75157.79688	263.48	0	48.844721	-86.940716	55821.34	56246.6	3.43	55824.77	55943.56641	55919.38992	55951.20313	504349.6	5410196.1
L4340.0	504349.6	5410196.1	75157.89844	263.46	0	48.844721	-86.940716	55822.72	56246.6	3.43	55826.15	55944.83203	55921.97211	55954.07813	504349.6	5410196.1
L4340.0	504349.6	5410196.1	75158.00000	263.16	0	48.844721	-86.940716	55824.68	56246.6	3.43	55828.11	55946.66016	55924.55808	55956.95703	504349.6	5410196.1
L4340.0	504349.7	5410198.5	75158.10156	260.81	0	48.844742	-86.940715	55826.04	56246.6	3.43	55829.46	55947.86328	55927.07113	55959.76172	504349.7	5410198.5
L4340.0	504349.7	5410200.1	75158.20313	259.15	0	48.844757	-86.940715	55827.78	56246.6	3.42	55831.20	55949.44141	55929.50113	55962.48047	504349.7	5410200.1
L4340.0	504349.7	5410201.5	75158.29688	259.19	0	48.844770	-86.940715	55829.31	56246.6	3.42	55832.73	55950.79688	55931.81174	55965.07813	504349.7	5410201.5
L4340.0	504349.8	5410203.0	75158.39844	258.19	0	48.844783	-86.940714	55831.20	56246.6	3.41	55834.61	55952.48438	55933.96229	55967.51172	504349.8	5410203.0
L4340.0	504349.8	5410203.0	75158.50000	257.47	0	48.844783	-86.940714	55832.46	56246.6	3.41	55835.87	55953.53906	55935.96528	55969.79688	504349.8	5410203.0
L4340.0	504349.8	5410204.5	75158.60156	257.47	0	48.844797	-86.940714	55834.11	56246.6	3.41	55837.51	55954.96094	55937.32156	55971.42969	504349.8	5410204.5
L4340.0	504349.8	5410206.5	75158.70313	252.97	0	48.844815	-86.940713	55836.01	56246.6	3.40	55839.41	55956.62500	55937.92683	55972.31250	504349.8	5410206.5
L4340.0	504349.8	5410206.5	75158.79688	251.20	0	48.844815	-86.940713	55838.03	56246.6	3.40	55841.43	55958.39844	55938.54353	55973.19922	504349.8	5410206.5
L4340.0	504349.9	5410208.1	75158.89844	251.92	0	48.844829	-86.940713	55839.88	56246.6	3.39	55843.27	55959.97266	55939.19135	55974.11719	504349.9	5410208.1
L4340.0	504349.9	5410209.6	75159.00000	251.29	0	48.844842	-86.940712	55841.34	56246.6	3.39	55844.73	55961.16016	55939.88330	55975.07813	504349.9	5410209.6
L4340.0	504349.9	5410209.6	75159.10156	251.63	0	48.844842	-86.940712	55842.70	56246.6	3.39	55846.09	55962.23047	55940.60041	55976.05859	504349.9	5410209.6
L4340.0	504349.9	5410211.2	75159.20313	252.86	0	48.844857	-86.940712	55843.92	56246.6	3.39	55847.31	55963.14844	55941.34506	55977.06250	504349.9	5410211.2
L4340.0	504350.0	5410212.5	75159.29688	254.21	0	48.844869	-86.940711	55845.46	56246.6	3.39	55848.85	55964.37109	55942.08630	55978.06250	504350.0	5410212.5
L4340.0	504350.0	5410213.9	75159.39844	255.13	0	48.844882	-86.940711	55846.95	56246.6	3.39	55850.34	55965.53516	55942.84854	55979.07813	504350.0	5410213.9
L4340.0	504350.0	5410213.9	75159.50000	255.46	0	48.844882	-86.940711	55848.88	56246.6	3.39	55852.27	55967.12500	55943.17060	55979.65234	504350.0	5410213.9
L4340.0	504350.0	5410216.2	75159.60156	255.46	0	48.844902	-86.940711	55850.22	56246.6	3.39	55853.61	55968.11328	55942.69223	55979.42188	504350.0	5410216.2
L4340.0	504350.0	5410217.9	75159.60156	255.12	0	48.844918	-86.940710	55851.79	56246.6	3.39	55855.18	55969.32031	55942.04077	55979.01563	504350.0	5410217.9
L4340.0	504350.1	5410219.3	75159.79688	257.05	0	48.844930	-86.940710	55853.08	56246.6	3.39	55856.47	55970.23438	55941.25990	55978.47656	504350.1	5410219.3
L4340.0	504350.1	5410219.3	75159.89844	261.67	0	48.844930	-86.940710	55854.90	56246.6	3.39	55858.29	55971.66797	55940.36871	55977.82422	504350.1	5410219.3
L4340.0	504350.1	5410221.0	75160.00000	261.13	0	48.844945	-86.940709	55856.44	56246.6	3.39	55859.83	55972.81250	55939.40183	55977.08984	504350.1	5410221.0
L4340.0	504350.1	5410221.0	75160.10156	262.36	0	48.844945	-86.940709	55857.86	56246.6	3.39	55861.25	55973.82422	55938.38209	55976.30078	504350.1	5410221.0
L4340.0	504350.2	5410223.1	75160.20313	264.40	0	48.844964	-86.940709	55859.18	56246.6	3.39	55862.57	55974.72266	55937.33742	55975.48438	504350.2	5410223.1
L4340.0	504350.2	5410224.7	75160.29688	264.84	0	48.844979	-86.940708	55860.79	56246.6	3.38	55864.18	55975.90625	55936.34551	55974.71484	504350.2	5410224.7
L4340.0	504350.2	5410224.7	75160.39844	267.31	0	48.844979	-86.940708	55862.46	56246.6	3.38	55865.84	55977.12891	55935.43922	55974.02734	504350.2	5410224.7
L4340.0	504350.2	5410226.0	75160.50000	268.36	0	48.844990	-86.940708	55864.03	56246.6	3.38	55867.41	55978.25000	55934.61925	55973.42188	504350.2	5410226.0
L4340.0	504350.3	5410227.9	75160.60156	268.36	0	48.845007	-86.940707	55865.70	56246.6	3.38	55869.08	55979.46094	55933.97115	55972.98438	504350.3	5410227.9
L4340.0	504350.3	5410229.2	75160.70313	268.59	0	48.845019	-86.940707	55867.22	56246.6	3.38	55870.60	55980.51563	55933.52362	55972.74609	504350.3	5410229.2
L4340.0	504350.3	5410230.4	75160.79688	269.90	0	48.845029	-86.940706	55869.02	56246.6	3.37	55872.39	55981.82813	55937.41958	55976.84375	504350.3	5410230.4
L4340.0	504350.3	5410230.4	75160.89844	270.01	0	48.845029	-86.940706	55870.51	56246.6	3.37	55873.88	55982.83594	55937.51732	55977.14063	504350.3	5410230.4
L4340.0	504350.4	5410232.3	75161.00000	269.88	0	48.845047	-86.940706	55872.30	56246.6	3.37	55875.67	55984.13281	55937.92205	55977.74219	504350.4	5410232.3
L4340.0	504350.4	5410234.0	75161.10156	269.68	0	48.845062	-86.940706	55873.67	56246.6	3.37	55877.04	55985.00391	55938.68665	55978.69922	504350.4	5410234.0
L4340.0	504350.4	5410234.0	75161.20313	270.62	0	48.845062	-86.940706	55875.59	56246.6	3.37	55878.95	55986.40625	55939.76048	55979.96094	504350.4	5410234.0
L4340.0	504350.4	5410235.5	75161.29688	271.09	0	48.845076	-86.940705	55877.41	56246.6	3.37	55880.78	55987.71875	55941.13674	55981.51953	504350.4	5410235.5
L4340.0	504350.4	5410236.9	75161.39844	273.27	0	48.845088	-86.940705	55879.69	56246.6	3.37	55883.05	55989.46875	55942.75924	55983.32031	504350.4	5410236.9
L4340.0	504350.4	5410238.5	75161.50000	273.54	0	48.845103	-86.940705	55881.51	56246.6	3.36	55884.88	55990.76953	55944.61354	55985.35156	504350.4	5410238.5
L4340.0	504350.4	5410238.5	75161.60156	273.54	0	48.845103	-86.940705	55883.73	56246.6	3.36	55887.10	55992.45313	55946.62253	55987.53125	504350.4	5410238.5
L4340.0	504350.4	5410240.3	75161.60156	274.14	0	48.845119	-86.940705	55886.02	56246.6	3.36	55889.38	55994.19141	55948.74597	55989.82031	504350.4	5410240.3
L4340.0	504350.4	5410241.6	75161.79688	273.99	0	48.845130	-86.940705	55888.34	56246.6	3.36	55891.70	55995.96484	55950.93072	55992.16797	504350.4	5410241.6
L4340.0	504350.4	5410241.6	75161.89844	273.79	0	48.845130	-86.940705	55890.44	56246.6	3.36	55893.80	55997.50781	55949.18664	55990.58203	504350.4	5410241.6
L4340.0	504350.5	5410243.2	75162.00000	270.44	0	48.845145	-86.940704	55892.56	56246.6	3.36	55895.92	55999.07031	55951.35436	55992.90625	504350.5	5410243.2
L4340.0	504350.5	5410244.4	75162.10156	265.15	0	48.845156	-86.940704	55894.99	56246.6	3.36	55898.35	56000.93750	55953.50973	55995.21094	504350.5	5410244.4
L4340.0	504350.5	5410244.4	75162.20313	261.99	0	48.845156	-86.940704	55896.96	56246.6	3.36	55900.32	56002.33594	55955.50758	55997.35156	504350.5	5410244.4
L4340.0	504350.5	5410246.3	75162.29688	260.43	0	48.845172	-86.940704	55899.65	56246.6	3.36	55903.01	56004.45313	55957.52219	55999.50781	504350.5	5410246.3

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4340.0	504350.5	5410247.6	75162.39844	258.38	0	48.845185	-86.940704	55901.87	56246.6	3.36	55905.23	56006.09375	55959.36279	56001.48828	504350.5	5410247.6
L4340.0	504350.5	5410247.6	75162.50000	256.01	0	48.845185	-86.940704	55904.33	56246.6	3.36	55907.68	56007.96094	55961.14948	56003.40625	504350.5	5410247.6
L4340.0	504350.5	5410249.2	75162.60156	256.01	0	48.845199	-86.940704	55906.88	56246.6	3.35	55910.23	56009.92578	55962.87582	56005.26172	504350.5	5410249.2
L4340.0	504350.5	5410250.8	75162.70313	256.64	0	48.845213	-86.940704	55909.18	56246.6	3.35	55912.54	56011.64453	55964.51442	56007.02344	504350.5	5410250.8
L4340.0	504350.5	5410252.4	75162.79688	258.61	0	48.845227	-86.940704	55912.20	56246.6	3.35	55915.55	56014.06250	55966.19695	56008.82813	504350.5	5410252.4
L4340.0	504350.5	5410252.4	75162.89844	258.78	0	48.845227	-86.940704	55914.59	56246.6	3.35	55917.94	56015.85547	55967.76960	56010.51563	504350.5	5410252.4
L4340.0	504350.5	5410254.0	75163.00000	260.74	0	48.845242	-86.940704	55917.48	56246.7	3.35	55920.83	56018.14453	55969.35725	56012.21484	504350.5	5410254.0
L4340.0	504350.5	5410255.3	75163.10156	262.68	0	48.845254	-86.940704	55919.88	56246.7	3.35	55923.23	56019.94141	55970.85025	56013.81641	504350.5	5410255.3
L4340.0	504350.5	5410255.3	75163.20313	265.02	0	48.845254	-86.940704	55922.79	56246.7	3.35	55926.14	56022.24609	55972.35896	56015.42578	504350.5	5410255.3
L4340.0	504350.5	5410257.1	75163.29688	267.92	0	48.845270	-86.940704	55925.57	56246.7	3.35	55928.92	56024.42188	55973.80344	56016.96875	504350.5	5410257.1
L4340.0	504350.5	5410258.8	75163.39844	269.35	0	48.845285	-86.940703	55928.16	56246.7	3.35	55931.50	56026.39063	55975.17275	56018.43359	504350.5	5410258.8
L4340.0	504350.5	5410259.9	75163.50000	271.41	0	48.845295	-86.940703	55930.94	56246.7	3.35	55934.28	56028.56250	55976.50783	56019.85938	504350.5	5410259.9
L4340.0	504350.5	5410259.9	75163.60156	271.41	0	48.845295	-86.940703	55933.67	56246.7	3.34	55937.01	56030.67969	55977.80164	56021.24219	504350.5	5410259.9
L4340.0	504350.6	5410261.3	75163.60156	271.11	0	48.845308	-86.940703	55936.75	56246.7	3.34	55940.10	56033.15625	55979.13702	56022.66016	504350.6	5410261.3
L4340.0	504350.6	5410261.3	75163.79688	271.22	0	48.845308	-86.940703	55939.69	56246.7	3.34	55943.03	56035.46875	55980.46929	56024.07031	504350.6	5410261.3
L4340.0	504350.6	5410263.0	75163.89844	268.29	0	48.845323	-86.940703	55942.52	56246.7	3.34	55945.86	56037.68359	55981.81005	56025.48438	504350.6	5410263.0
L4340.0	504350.6	5410264.2	75164.00000	266.48	0	48.845334	-86.940702	55945.25	56246.7	3.34	55948.59	56039.79688	55983.16595	56026.91016	504350.6	5410264.2
L4340.0	504350.6	5410264.2	75164.10156	264.50	0	48.845334	-86.940702	55948.24	56246.7	3.34	55951.58	56042.17188	55984.59287	56028.40234	504350.6	5410264.2
L4340.0	504350.6	5410265.7	75164.20313	261.48	0	48.845347	-86.940702	55951.12	56246.7	3.34	55954.46	56044.43359	55986.04075	56029.91406	504350.6	5410265.7
L4340.0	504350.6	5410266.9	75164.29688	260.32	0	48.845358	-86.940702	55953.95	56246.7	3.34	55957.29	56046.64844	55987.51404	56031.44531	504350.6	5410266.9
L4340.0	504350.6	5410268.5	75164.39844	260.74	0	48.845373	-86.940702	55957.17	56246.7	3.34	55960.50	56049.24219	55989.06044	56033.04688	504350.6	5410268.5
L4340.0	504350.6	5410268.5	75164.50000	259.88	0	48.845373	-86.940702	55959.97	56246.7	3.33	55963.31	56051.43359	55990.57806	56034.61719	504350.6	5410268.5
L4340.0	504350.7	5410269.9	75164.60156	259.88	0	48.845385	-86.940701	55962.96	56246.7	3.33	55966.29	56053.79688	55992.14804	56036.23438	504350.7	5410269.9
L4340.0	504350.7	5410271.3	75164.70313	261.34	0	48.845398	-86.940701	55965.64	56246.7	3.33	55968.97	56055.86328	55993.69921	56037.82813	504350.7	5410271.3
L4340.0	504350.7	5410271.3	75164.79688	262.97	0	48.845398	-86.940701	55968.86	56246.7	3.33	55972.19	56058.46875	55995.33678	56039.50391	504350.7	5410271.3
L4340.0	504350.7	5410272.3	75164.89844	263.04	0	48.845406	-86.940701	55971.38	56246.7	3.33	55974.71	56060.37109	55996.88125	56041.08594	504350.7	5410272.3
L4340.0	504350.7	5410273.7	75165.00000	264.93	0	48.845420	-86.940701	55974.49	56246.7	3.33	55977.82	56062.87109	55998.50173	56042.73828	504350.7	5410273.7
L4340.0	504350.7	5410273.7	75165.10156	266.52	0	48.845420	-86.940701	55976.95	56246.7	3.33	55980.27	56064.70703	56000.02401	56044.28906	504350.7	5410273.7
L4340.0	504350.7	5410274.9	75165.20313	266.35	0	48.845430	-86.940701	55980.01	56246.7	3.33	55983.34	56067.16797	56001.61548	56045.90625	504350.7	5410274.9
L4340.0	504350.7	5410276.0	75165.29688	268.57	0	48.845440	-86.940701	55982.71	56246.7	3.33	55986.04	56069.25781	56003.14618	56047.46094	504350.7	5410276.0
L4340.0	504350.7	5410277.1	75165.39844	268.50	0	48.845449	-86.940700	55985.55	56246.7	3.33	55988.87	56071.48438	56004.67612	56049.00781	504350.7	5410277.1
L4340.0	504350.7	5410278.1	75165.50000	269.57	0	48.845459	-86.940701	55988.61	56246.7	3.33	55991.93	56073.93750	56006.22151	56050.56641	504350.7	5410278.1
L4340.0	504350.7	5410278.1	75165.60156	269.57	0	48.845459	-86.940701	55991.09	56246.7	3.32	55994.41	56075.81250	56007.68427	56052.04297	504350.7	5410278.1
L4340.0	504350.7	5410279.3	75165.60156	270.91	0	48.845470	-86.940701	55994.10	56246.7	3.32	55997.42	56078.22266	56009.20429	56053.57031	504350.7	5410279.3
L4340.0	504350.7	5410280.4	75165.79688	269.46	0	48.845480	-86.940701	55996.40	56246.7	3.32	55999.72	56079.92578	56010.63249	56055.00391	504350.7	5410280.4
L4340.0	504350.7	5410281.4	75165.89844	264.59	0	48.845488	-86.940701	55999.31	56246.7	3.32	56002.63	56082.23828	56012.13100	56056.50781	504350.7	5410281.4
L4340.0	504350.7	5410281.4	75166.00000	262.60	0	48.845488	-86.940701	56001.86	56246.7	3.32	56005.18	56084.19531	56013.57867	56057.95313	504350.7	5410281.4
L4340.0	504350.7	5410282.4	75166.10156	259.10	0	48.845498	-86.940701	56004.62	56246.7	3.32	56007.94	56086.36328	56015.04436	56059.41406	504350.7	5410282.4
L4340.0	504350.6	5410283.4	75166.20313	258.58	0	48.845507	-86.940702	56007.13	56246.7	3.32	56010.44	56088.27344	56016.47036	56060.83594	504350.6	5410283.4
L4340.0	504350.6	5410283.4	75166.29688	259.86	0	48.845507	-86.940702	56009.63	56246.7	3.31	56012.94	56090.18750	56017.88712	56062.24219	504350.6	5410283.4
L4340.0	504350.6	5410284.5	75166.39844	260.27	0	48.845516	-86.940702	56012.39	56246.7	3.31	56015.70	56092.36328	56019.32712	56063.66797	504350.6	5410284.5
L4340.0	504350.6	5410285.4	75166.50000	259.42	0	48.845524	-86.940702	56014.61	56246.7	3.31	56017.92	56094.00391	56020.69362	56065.01953	504350.6	5410285.4
L4340.0	504350.6	5410286.3	75166.60156	259.42	0	48.845533	-86.940702	56017.39	56246.7	3.31	56020.70	56096.20313	56022.12648	56066.43359	504350.6	5410286.3
L4340.0	504350.6	5410286.3	75166.70313	260.04	0	48.845533	-86.940702	56019.62	56246.7	3.31	56022.93	56097.85938	56023.48887	56067.77734	504350.6	5410286.3
L4340.0	504350.5	5410287.6	75166.79688	262.24	0	48.845544	-86.940703	56022.15	56246.7	3.30	56025.46	56099.82031	56024.89493	56069.16016	504350.5	5410287.6
L4340.0	504350.5	5410288.6	75166.89844	264.00	0	48.845553	-86.940703	56024.30	56246.7	3.30	56027.60	56101.39063	56026.25457	56070.49219	504350.5	5410288.6
L4340.0	504350.5	5410288.6	75167.00000	264.94	0	48.845553	-86.940703	56026.81	56246.7	3.30	56030.11	56103.33594	56027.68096	56071.89063	504350.5	5410288.6
L4340.0	504350.5	5410289.6	75167.10156	266.47	0	48.845562	-86.940703	56029.00	56246.7	3.30	56032.31	56104.97266	56029.07660	56073.25781	504350.5	5410289.6
L4340.0	504350.5	5410290.4	75167.20313	268.32	0	48.845570	-86.940703	56031.20	56246.7	3.30	56034.51	56106.61328	56030.48990	56074.63672	504350.5	5410290.4
L4340.0	504350.5	5410291.3	75167.29688	270.23	0	48.845577	-86.940703	56033.66	56246.7	3.31	56036.97	56108.51953	56031.97141	56076.08203	504350.5	5410291.3
L4340.0	504350.5	5410291.3	75167.39844	270.29	0	48.845577	-86.940703	56035.70	56246.7	3.31	56039.01	56110.00781	56030.80803	56074.88281	504350.5	5410291.3
L4340.0	504350.5	5410292.3	75167.50000	270.01	0	48.845587	-86.940703	56037.88	56246.7	3.31	56041.19	56111.64063	56032.24317	56076.27734	504350.5	5410292.3
L4340.0	504350.6	5410293.0	75167.60156	270.01	0	48.845593	-86.940703	56039.52	56246.7	3.31	56042.83	56112.73438	56033.71123	56077.70313	504350.6	5410293.0
L4340.0	504350.6	5410293.0	75167.60156	272.73	0	48.845593	-86.940703	56041.83	56246.7	3.31	56045.14	56114.50391	56035.13086	56079.07813	504350.6	5410293.0
L4340.0	504350.6	5410293.8	75167.79688	272.32	0	48.845600	-86.940703	56044.03	56246.7	3.32	56047.34	56116.16406	56036.54377	56080.44531	504350.6	5410293.8
L4340.0	504350.6	5410294.8	75167.89844	272.36	0	48.845609	-86.940702	56046.23	56246.7	3.32	56049.55	56117.83984	56037.93380	56081.78906	504350.6	5410294.8
L4340.0	504350.6	5410295.5	75168.00000	272.29	0	48.845616	-86.940702	56047.92	56246.7	3.32	56051.24	56119.00000	56039.29386	56083.09766	504350.6	5410295.5
L4340.0	504350.6	5410295.5	75168.10156	272.52	0	48.845616	-86.940702	56049.82	56246.7	3.32	56053.15	56120.38281	56040.60116	56084.35156	504350.6	5410295.5
L4340.0	504350.6	5410296.3	75168.20313	270.67	0	48.845622	-86.940702	56052.00	56246.7	3.32	56055.32	56122.02734	56041.84868	56085.54688	504350.6	5410296.3
L4340.0	504350.6	5410297.1	75168.29688	270.69	0	48.845630	-86.940702	56053.62	56246.7	3.33	56056.94	56123.12891	56043.03416	56086.67578	504350.6	5410297.1
L4340.0	504350.6	5410297.1	75168.39844	271.92	0	48.845630	-86.940702	56055.51	56246.7	3.33	56058.84	56124.51172	56044.14822	56087.73438	504350.6	5410297.1
L4340.0	504350.7	5410298.0	75168.50000	273.45	0	48.845638	-86.940701	56057.09	56246.7	3.33	56060.42	56125.57813	56045.19836	56088.72656	504350.7	5410298.0
L4340.0	504350.7	5410298.8	75168.60156	273.45	0	48.845645	-86.940701	56059.06	56246.7	3.33	56062.39	56127.03906	56046.16719	56089.63281	504350.7	5410298.8
L4340.0	504350.7	5410299.5	75168.70313	272.40	0	48.845652	-86.940700	56060.50	56246.7	3.33	56063.83	56127.97266	56047.08850	56090.49219	504350.7	5410299.5
L4340.0	504350.7	5410299.5	75168.79688	271.38	0	48.845652	-86.940700	56062.39	56246.7	3.34	56065.73	56129.36719	56047.91674	56091.25781	504350.7	5410299.5
L4340.0	504350.7	5410300.1	75168.89844	270.20	0	48.845656	-86.940700	56063.93	56246.7	3.34	56067.27	56130.41016	56048.70112	56091.98047	504350.7	5410300.1
L4340.0	504350.8	5410300.8	75169.00000	268.88	0	48.845663	-86.940700	56065.48	56246.7	3.34	56068.82	56131.46094	56052.75399	56095.96484	504350.8	5410300.8
L4340.0	504350.8	5410300.8	75169.10156	266.03	0	48.845663	-86.940700	56067.12	56246.7	3.34	56070.46	56132.60938	56053.52119	56096.66406	504350.8	5410300.8
L4340.0	504350.8	5410301.5	75169.20313	265.02	0	48.845669	-86.940699	56068.54	56246.7	3.34	56071.87	56133.53125	56054.20713	56097.28125	504350.8	5410301.5
L4340.0	504350.8	5410301.9	75169.29688	264.73	0	48.845673	-86.940699	56070.16	56246.7	3.33	56073.49	56134.66406	56054.89015	56097.89453	504350.8	5410301.9
L4340.0	504350.9	5410302.7	75169.39844	265.31	0	48.845680	-86.940698	56071.47	56246.7	3.33	56074.80	56135.49219	56055.50132	56098.43750	504350.9	5410302.7
L4340.0	504350.9	5410302.7	75169.50000	265.31	0	48.845680	-86.940698	56072.96	56246.7	3.33	56076.29	56136.50000	56056.11490	56098.97656	504350.9	5410302.7
L4340.0	504350.9	5410303.5	75169.60156	260.91	0	48.845687	-86.940698	56074.23	56246.7	3.33	56077.56	56137.29297	56056.69264	56099.48438	504350.9	5410303.5
L4340.0	504350.9	5410304.2	75169.60156	261.06	0	48.845693	-86.940697	56075.47	56246.7	3.33	56078.80	56138.06250	56057.26564	56099.98047	504350.9	5410304.2
L4340.0	504350.9	5410304.2	75169.60156	261.06	0	48.845693	-86.940697	56076.76	56246.7	3.33	56080.09	56138.87891	56057.84624	56100.48828	504350.9	5410304.2
L4340.0	504350.9	5410304.8	75169.79688	261.32	0	48.845699	-86.940697	56078.03	56246.7	3.32	56081.35	56139.67188	56058.43318	56101.00000	504350.9	5410304.8
L4340.0	504351.0	5410305.3	75169.89844	261.80	0	48.845704	-86.940697	56079.36	56246.7	3.32	56082.68	56140.53906	56059.03726	56101.52734	504351.0	5410305.3
L4340.0	504351.0	5410305.3	75170.00000	260.59	0	48.845704	-86.940697	56080.20	56246.7	3.32	56083.52	56140.91797	56059.63946	56102.05078	504351.0	5410305.3
L4340.0	504351.0	5410305.9	75170.10156	258.90	0	48.845709	-86.940697	56081.31	56246.7	3.32	56084.62	56141.55859	56060.27301	56102.60547	504351.0	5410305.9
L4340.0	504351.0	5410306.4	75170.20313	259.52	0	48.845713	-86.940696	56082.63	56246.7	3.31	56085.94	56142.42188	56060.93003	56103.18359	504351.0	5410306.4
L4340.0	504351.0	5410306.8	75170.39844	258.46	0	48.845717	-86.940696	56083.77	56246.7	3.30	56087.07	56143.09766	56061.60001	56103.77344	504351.0	5410306.8
L4340.0	504351.0	5410307.2	75170.50000	258.21	0	48.845720	-86.940696	56084.95	56246.7	3.29	56088.25	56143.82422	56062.28698	56104.37891	504351.0	5410307.2
L4340.0	504351.0	5410307.2	75170.60156	258.21	0	48.845720	-86.940696	56085.84	56246.7	3.29	56089.13	56144.25391	56062.98406	56104.99609	504351.0	5410307.2
L4340.0	504351.1	5410307.7	75170.70313	257.90	0	48.845726	-86.940695	56086.83	56246.7	3.28	56090.12	56144.79688	56063.69473	56105.62500	504351.1	5410307.7
L4340.0	504351.1	5410308.2	75170.79688	259.81	0	48.845729	-86.940695	56087.46	56246.7	3.28	56090.74	56144.97266	56064.40954	56106.25781	504351.1	5410308.2
L4340.0	504351.1	5410308.5	75170.89844	259.77	0	48.845733	-86.940695	56088.57	56246.7	3.27	56091.85	56145.64063	56065.13573	56106.89844	504351.1	5410308.5
L4340.0	504351.1	5410308.5	75171.00000	263.86	0	48.845733	-86.940695	56089.34	56246.7	3.27	56092.61	56145.96094	56065.85796	56107.53906	504351.1	5410308.5
L4340.0	504351.1	5410308.9	75171.10156	265.39	0	48.845736	-86.940695	56090.24	56246.7	3.27	56093.51	56146.42188	56066.57846	56108.17578	504351.1	5410308.9
L4340.0	504351.1	5410308.9	75171.20313	264.84	0	48.845736	-86.940695	56091.06	56246.7	3.27	56094.33	56146.80469	56067.28899	56108.80078	504351.1	5410308.9
L4340.0	504351.1	5410309.5	75171.29688	263.85	0	48.845741	-86.940695	56091.88	56246.7	3.27	56095.15	56147.19141	56067.98524	56109.41016	504351.1	5410309.5
L4340.0	504351.1	5410309.7	75171.39844	265.87	0	48.845743	-86.940695	56092.57	56246.7	3.27	56095.85	56147.45703	56068.65950	56110.00000	504351.1	5410309.7
L4340.0	504351.1	5410310.0	75171.50000	262.01	0	48.845746	-86.940695	56093.63	56246.7	3.27	56096.91	56148.08594	56069.31790	56110.57422	504351.1	5410310.0
L4340.0	504351.1	5410310.0	75171.60156	262.01	0	48.845746	-86.940695	56094.09	56246.7	3.28	56097.36	56148.10547	56069.93434	56111.10156	504351.1	5410310.0

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4340.0	504351.1	5410310.3	75171.60156	262.68	0	48.845749	-86.940695	56094.29	56246.7	3.28	56097.56	56147.87500	56070.51381	56111.59766	504351.1	5410310.3
L4340.0	504351.1	5410310.7	75171.79688	264.71	0	48.845752	-86.940695	56094.92	56246.7	3.28	56098.20	56148.08594	56071.07066	56112.06641	504351.1	5410310.7
L4340.0	504351.1	5410310.7	75171.89844	263.10	0	48.845752	-86.940695	56095.33	56246.7	3.28	56098.61	56148.07031	56071.58603	56112.49609	504351.1	5410310.7
L4340.0	504351.1	5410311.1	75172.00000	261.51	0	48.845755	-86.940695	56096.28	56246.7	3.28	56099.56	56148.59375	56072.07438	56112.89453	504351.1	5410311.1
L4340.0	504351.1	5410311.3	75172.10156	261.64	0	48.845758	-86.940695	56096.82	56246.7	3.28	56100.10	56148.71094	56072.51290	56113.24609	504351.1	5410311.3
L4340.0	504351.1	5410311.3	75172.20313	261.38	0	48.845758	-86.940695	56097.58	56246.7	3.28	56100.86	56149.04688	56072.91312	56113.55859	504351.1	5410311.3
L4340.0	504351.1	5410311.5	75172.29688	261.94	0	48.845760	-86.940695	56097.86	56246.7	3.29	56101.14	56148.90234	56073.26817	56113.82813	504351.1	5410311.5
L4340.0	504351.1	5410311.5	75172.39844	261.76	0	48.845760	-86.940695	56098.28	56246.7	3.29	56101.57	56148.91016	56073.58871	56114.05859	504351.1	5410311.5
L4340.0	504351.1	5410311.7	75172.50000	257.69	0	48.845761	-86.940695	56098.62	56246.7	3.29	56101.91	56148.82813	56073.87681	56114.26172	504351.1	5410311.7
L4340.0	504351.1	5410311.9	75172.60156	257.69	0	48.845763	-86.940695	56098.91	56246.7	3.29	56102.21	56148.70703	56074.13825	56114.43359	504351.1	5410311.9
L4340.0	504351.1	5410311.9	75172.70313	257.21	0	48.845763	-86.940695	56099.38	56246.7	3.29	56102.67	56148.74609	56074.37531	56114.58203	504351.1	5410311.9
L4340.0	504351.1	5410312.1	75172.79688	258.94	0	48.845765	-86.940695	56099.40	56246.7	3.30	56102.69	56148.34375	56074.60570	56114.72656	504351.1	5410312.1
L4370.0	504371.4	5411472.1	53673.30078	319.80	0	48.856199	-86.940405	56258.34	56239.2	10.85	56269.19	56267.23047	56271.83237	56256.11719	504371.4	5411472.1
L4370.0	504371.5	5411471.9	53673.39844	323.24	0	48.856198	-86.940405	56258.41	56239.2	10.85	56269.25	56267.31250	56274.90851	56259.36328	504371.5	5411471.9
L4370.0	504371.5	5411471.9	53673.50000	324.60	0	48.856198	-86.940405	56258.38	56239.2	10.85	56269.23	56267.31250	56276.44245	56261.06250	504371.5	5411471.9
L4370.0	504371.5	5411471.7	53673.60156	325.74	0	48.856196	-86.940404	56258.37	56239.2	10.84	56269.21	56267.30859	56278.02052	56262.80469	504371.5	5411471.7
L4370.0	504371.6	5411471.5	53673.69922	326.73	0	48.856194	-86.940404	56258.43	56239.2	10.84	56269.28	56267.39844	56281.56814	56266.51953	504371.6	5411471.5
L4370.0	504371.6	5411471.5	53673.80078	327.16	0	48.856194	-86.940404	56258.11	56239.2	10.84	56268.95	56267.08984	56276.49557	56261.61328	504371.6	5411471.5
L4370.0	504371.6	5411471.3	53673.89844	325.38	0	48.856192	-86.940403	56257.96	56239.2	10.84	56268.80	56266.96094	56275.22517	56260.51172	504371.6	5411471.3
L4370.0	504371.6	5411471.0	53674.00000	324.73	0	48.856190	-86.940403	56258.00	56239.2	10.84	56268.84	56267.01953	56278.16539	56263.61719	504371.6	5411471.0
L4370.0	504371.6	5411470.8	53674.10156	326.27	0	48.856188	-86.940402	56257.80	56239.2	10.84	56268.64	56266.83984	56275.70897	56261.32422	504371.6	5411470.8
L4370.0	504371.6	5411470.8	53674.19922	326.62	0	48.856188	-86.940402	56257.39	56239.2	10.84	56268.23	56266.44922	56268.35709	56254.13672	504371.6	5411470.8
L4370.0	504371.7	5411470.5	53674.30078	324.64	0	48.856185	-86.940402	56257.01	56239.2	10.84	56267.85	56266.08594	56261.55381	56247.50000	504371.7	5411470.5
L4370.0	504371.7	5411470.5	53674.39844	321.56	0	48.856185	-86.940402	56256.86	56239.2	10.84	56267.69	56265.94531	56259.78409	56245.89844	504371.7	5411470.5
L4370.0	504371.7	5411470.3	53674.50000	323.35	0	48.856183	-86.940402	56256.78	56239.2	10.83	56267.61	56265.88672	56259.88243	56246.16016	504371.7	5411470.3
L4370.0	504371.7	5411470.0	53674.60156	322.06	0	48.856181	-86.940402	56256.50	56239.2	10.83	56267.33	56265.62500	56255.27937	56241.72266	504371.7	5411470.0
L4370.0	504371.7	5411470.0	53674.69922	321.15	0	48.856181	-86.940402	56256.39	56239.2	10.83	56267.22	56265.53125	56254.67739	56241.28516	504371.7	5411470.0
L4370.0	504371.7	5411469.7	53674.80078	320.92	0	48.856178	-86.940402	56256.42	56239.2	10.83	56267.25	56265.58203	56257.40853	56244.17969	504371.7	5411469.7
L4370.0	504371.6	5411469.3	53674.80078	320.92	0	48.856174	-86.940403	56256.50	56239.2	10.83	56267.33	56265.67969	56261.35654	56248.29297	504371.6	5411469.3
L4370.0	504371.6	5411469.3	53675.00000	323.69	0	48.856174	-86.940403	56256.62	56239.2	10.83	56267.45	56265.82031	56266.29273	56253.39063	504371.6	5411469.3
L4370.0	504371.6	5411468.9	53675.10156	322.81	0	48.856171	-86.940404	56256.35	56239.2	10.83	56267.18	56265.56641	56261.93280	56249.19531	504371.6	5411468.9
L4370.0	504371.5	5411468.6	53675.19922	323.75	0	48.856168	-86.940405	56256.22	56239.2	10.83	56267.05	56265.45703	56260.92071	56248.34375	504371.5	5411468.6
L4370.0	504371.5	5411468.6	53675.30078	325.60	0	48.856168	-86.940405	56256.36	56239.2	10.83	56267.19	56265.61328	56266.43797	56254.02344	504371.5	5411468.6
L4370.0	504371.4	5411468.3	53675.39844	326.15	0	48.856165	-86.940406	56256.27	56239.2	10.83	56267.10	56265.54297	56266.44692	56254.19531	504371.4	5411468.3
L4370.0	504371.3	5411468.0	53675.50000	327.26	0	48.856162	-86.940407	56256.12	56239.2	10.83	56266.95	56265.41016	56265.01447	56252.92188	504371.3	5411468.0
L4370.0	504371.3	5411468.0	53675.60156	326.78	0	48.856162	-86.940407	56255.96	56239.2	10.83	56266.79	56265.26563	56263.34495	56251.41016	504371.3	5411468.0
L4370.0	504371.2	5411467.6	53675.69922	327.10	0	48.856159	-86.940408	56256.04	56239.2	10.83	56266.87	56265.36328	56267.63872	56255.86328	504371.2	5411467.6
L4370.0	504371.1	5411467.1	53675.80078	325.90	0	48.856155	-86.940409	56255.78	56239.2	10.83	56266.61	56265.12109	56263.53469	56251.92188	504371.1	5411467.1
L4370.0	504371.0	5411466.7	53675.89844	325.81	0	48.856151	-86.940411	56255.36	56239.2	10.83	56266.19	56264.71875	56255.38551	56243.92969	504371.0	5411466.7
L4370.0	504371.0	5411466.7	53676.00000	326.42	0	48.856151	-86.940411	56255.17	56239.2	10.83	56266.00	56264.54297	56253.00398	56241.70703	504371.0	5411466.7
L4370.0	504370.9	5411466.1	53676.10156	327.05	0	48.856146	-86.940413	56255.38	56239.2	10.83	56266.21	56264.76953	56260.84448	56249.70313	504370.9	5411466.1
L4370.0	504370.8	5411465.6	53676.19922	327.77	0	48.856141	-86.940414	56255.38	56239.2	10.83	56266.21	56264.78516	56263.44817	56252.46094	504370.8	5411465.6
L4370.0	504370.8	5411465.6	53676.30078	328.73	0	48.856141	-86.940414	56255.57	56239.2	10.83	56266.40	56264.99219	56271.01146	56260.17969	504370.8	5411465.6
L4370.0	504370.7	5411465.1	53676.39844	327.39	0	48.856137	-86.940416	56255.64	56239.2	10.83	56266.47	56265.07813	56275.57918	56264.90625	504370.7	5411465.1
L4370.0	504370.5	5411464.5	53676.50000	327.03	0	48.856131	-86.940418	56255.96	56239.2	10.83	56266.79	56265.41406	56286.64447	56276.12500	504370.5	5411464.5
L4370.0	504370.5	5411464.5	53676.60156	329.97	0	48.856131	-86.940418	56255.66	56239.2	10.83	56266.49	56265.12891	56281.79017	56271.42188	504370.5	5411464.5
L4370.0	504370.4	5411464.0	53676.69922	330.39	0	48.856127	-86.940419	56255.57	56239.2	10.83	56266.40	56265.05469	56282.38782	56272.17188	504370.4	5411464.0
L4370.0	504370.3	5411463.3	53676.80078	331.18	0	48.856121	-86.940421	56255.73	56239.2	10.83	56266.56	56265.23047	56289.42568	56279.35938	504370.3	5411463.3
L4370.0	504370.2	5411462.8	53676.80078	331.18	0	48.856116	-86.940422	56255.23	56239.2	10.83	56266.06	56264.74609	56279.64502	56269.73047	504370.2	5411462.8
L4370.0	504370.2	5411462.8	53677.00000	328.30	0	48.856116	-86.940422	56254.99	56239.2	10.83	56265.82	56264.51953	56276.60826	56266.84375	504370.2	5411462.8
L4370.0	504370.1	5411462.1	53677.10156	328.13	0	48.856110	-86.940423	56255.14	56239.2	10.83	56265.97	56264.68359	56283.47924	56273.86328	504370.1	5411462.1
L4370.0	504370.1	5411461.6	53677.19922	326.23	0	48.856105	-86.940424	56255.48	56239.2	10.83	56266.31	56265.03906	56295.05746	56285.58594	504370.1	5411461.6
L4370.0	504370.0	5411460.9	53677.30078	325.62	0	48.856099	-86.940424	56255.32	56239.2	10.83	56266.15	56264.89063	56294.15194	56284.82813	504370.0	5411460.9
L4370.0	504370.0	5411460.9	53677.39844	325.45	0	48.856099	-86.940424	56254.64	56239.2	10.83	56265.46	56264.21484	56280.32996	56271.15234	504370.0	5411460.9
L4370.0	504370.0	5411460.3	53677.50000	323.19	0	48.856094	-86.940425	56253.92	56239.2	10.82	56264.75	56263.51953	56266.32878	56257.29688	504370.0	5411460.3
L4370.0	504370.0	5411460.3	53677.60156	322.38	0	48.856094	-86.940425	56254.33	56239.2	10.82	56265.15	56263.92969	56279.45568	56270.56641	504370.0	5411460.3
L4370.0	504370.1	5411459.6	53677.69922	323.17	0	48.856088	-86.940424	56254.56	56239.2	10.82	56265.38	56264.17578	56288.41332	56279.66406	504370.1	5411459.6
L4370.0	504370.1	5411458.9	53677.80078	322.56	0	48.856081	-86.940424	56254.38	56239.2	10.82	56265.20	56264.00781	56287.58658	56278.98047	504370.1	5411458.9
L4370.0	504370.1	5411458.4	53677.89844	322.87	0	48.856076	-86.940423	56253.70	56239.2	10.82	56264.52	56263.33984	56275.01382	56266.55078	504370.1	5411458.4
L4370.0	504370.2	5411457.7	53678.00000	322.60	0	48.856070	-86.940422	56253.33	56239.2	10.82	56264.15	56262.98047	56269.98815	56261.66406	504370.2	5411457.7
L4370.0	504370.2	5411457.7	53678.10156	321.64	0	48.856070	-86.940422	56253.62	56239.2	10.82	56264.44	56263.28125	56280.66242	56272.47656	504370.2	5411457.7
L4370.0	504370.3	5411457.0	53678.19922	320.95	0	48.856063	-86.940422	56253.34	56239.2	10.82	56264.16	56263.01563	56277.98499	56269.93359	504370.3	5411457.0
L4370.0	504370.3	5411457.0	53678.30078	322.23	0	48.856063	-86.940422	56252.84	56239.2	10.82	56263.66	56262.52734	56270.25387	56262.33984	504370.3	5411457.0
L4370.0	504370.4	5411455.8	53678.39844	322.94	0	48.856053	-86.940420	56252.73	56239.2	10.82	56263.54	56262.41797	56271.57642	56263.79688	504370.4	5411455.8
L4370.0	504370.4	5411455.3	53678.50000	322.12	0	48.856048	-86.940420	56253.00	56239.2	10.81	56263.81	56262.69922	56282.20511	56274.55859	504370.4	5411455.3
L4370.0	504370.5	5411454.6	53678.60156	322.73	0	48.856042	-86.940419	56252.52	56239.2	10.81	56263.33	56262.23047	56275.27722	56267.76563	504370.5	5411454.6
L4370.0	504370.6	5411453.6	53678.69922	324.27	0	48.856033	-86.940418	56252.29	56239.2	10.81	56263.11	56262.01953	56274.58742	56267.20703	504370.6	5411453.6
L4370.0	504370.6	5411453.6	53678.80078	325.02	0	48.856033	-86.940418	56252.03	56239.2	10.81	56262.84	56261.76172	56272.81689	56265.56641	504370.6	5411453.6
L4370.0	504370.6	5411452.6	53678.80078	325.02	0	48.856024	-86.940417	56251.70	56239.2	10.81	56262.51	56261.44141	56269.71024	56262.58984	504370.6	5411452.6
L4370.0	504370.7	5411451.8	53679.00000	325.58	0	48.856017	-86.940416	56251.78	56239.2	10.81	56262.59	56261.53125	56276.52350	56269.53125	504370.7	5411451.8
L4370.0	504370.7	5411451.8	53679.10156	326.42	0	48.856017	-86.940416	56251.52	56239.2	10.81	56262.33	56261.28125	56275.31043	56268.44141	504370.7	5411451.8
L4370.0	504370.7	5411450.9	53679.19922	326.65	0	48.856009	-86.940415	56251.39	56239.2	10.81	56262.20	56261.16016	56277.33605	56270.59375	504370.7	5411450.9
L4370.0	504370.8	5411449.9	53679.30078	326.32	0	48.856000	-86.940415	56250.96	56239.2	10.80	56261.76	56260.73047	56271.95426	56265.33594	504370.8	5411449.9
L4370.0	504370.8	5411449.9	53679.39844	325.45	0	48.856000	-86.940415	56251.29	56239.2	10.80	56262.09	56261.06641	56285.37370	56278.87891	504370.8	5411449.9
L4370.0	504370.8	5411448.6	53679.50000	323.50	0	48.855988	-86.940414	56250.88	56239.2	10.80	56261.68	56260.66797	56280.90600	56274.53125	504370.8	5411448.6
L4370.0	504370.8	5411448.6	53679.60156	322.40	0	48.855988	-86.940414	56250.61	56239.2	10.80	56261.41	56260.40625	56279.93068	56273.67578	504370.8	5411448.6
L4370.0	504370.8	5411447.9	53679.69922	322.55	0	48.855982	-86.940414	56249.92	56239.2	10.80	56260.71	56259.71484	56268.55455	56262.42188	504370.8	5411447.9
L4370.0	504370.8	5411447.0	53679.80078	322.83	0	48.855974	-86.940414	56249.32	56239.2	10.79	56260.12	56259.13281	56259.96657	56253.95313	504370.8	5411447.0
L4370.0	504370.8	5411445.9	53679.89844	321.67	0	48.855964	-86.940414	56249.66	56239.2	10.79	56260.45	56259.47266	56273.87939	56267.98047	504370.8	5411445.9
L4370.0	504370.8	5411445.9	53680.00000	324.23	0	48.855964	-86.940414	56249.25	56239.2	10.79	56260.04	56259.07031	56269.86813	56264.08594	504370.8	5411445.9
L4370.0	504370.8	5411444.7	53680.10156	326.46	0	48.855953	-86.940414	56249.13	56239.2	10.79	56259.92	56258.95703	56272.97874	56267.30859	504370.8	5411444.7
L4370.0	504370.8	5411443.8	53680.19922	325.48	0	48.855945	-86.940414	56248.32	56239.2	10.79	56259.11	56258.15625	56259.55411	56254.00000	504370.8	5411443.8
L4370.0	504370.8	5411443.8	53680.30078	324.21	0	48.855945	-86.940414	56248.41	56239.2	10.78	56259.19	56258.24609	56267.64849	56262.20703	504370.8	5411443.8
L4370.0	504370.8	5411442.5	53680.39844	325.09	0	48.855933	-86.940414	56247.75	56239.2	10.78	56258.53	56257.59375	56258.12953	56252.79688	504370.8	5411442.5
L4370.0	504370.8	5411441.9	53680.50000	325.61	0	48.855928	-86.940414	56247.82	56239.2	10.78	56258.60	56257.67188	56266.08821	56260.86719	504370.8	5411441.9
L4370.0	504370.8	5411440.8	53680.60156	323.82	0	48.855918	-86.940414	56247.43	56239.2	10.78	56258.21	56257.28906	56263.21138	56258.09766	504370.8	5411440.8
L4370.0	504370.8	5411440.8	53680.69922	321.75	0	48.855918	-86.940414	56247.09	56239.2	10.78	56257.86	56256.94531	56261.38646	56256.37891	504370.8	5411440.8
L4370.0	504370.8	5411439.9	53680.80078	321.26	0	48.855910	-86.940414	56246.85	56239.2	10.77	56257.62	56256.71484	56262.22832	56257.32813	504370.8	5411439.9
L4370.0	504370.9	5411438.4	53680.80078	321.26	0	48.855896	-86.940413	56246.54	56239.2	10.77	56257.32	56256.42188	56261.74960	56256.95313	504370.9	5411438.4
L4370.0	504370.9	5411437.2	53681.00000	320.24	0	48.855886	-86.940413	56246.21	56239.2	10.77	56256.98	56256.08984	56260.42803	56255.73828	504370.9	5411437.2
L4370.0	504370.9	5411437.2	53681.10156	320.98	0	48.855886	-86.940413	56245.56	56239.2	10.77	56256.33	56255.44531	56252.04577	56247.45703	504370.9	5411437.2
L4370.0	504370.9	5411436.2	53681.19922	322.08	0	48.855877	-86.940413	56245.26	56239.2	10.77	56256.03	56255.15234	56251.83542	56247.34766	504370.9	5411436.2
L4370.0	504370.9	5411435.2	53681.30078	322.80	0	48.855868	-86.940413	56245.14	56239.2	10.77	56255.91	56255.04297	56255.82005	56251.43359	504370.9	5411435.2

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4370.0	504370.9	5411435.2	53681.39844	324.18	0	48.855868	-86.940413	56245.12	56239.2	10.77	56255.89	56255.02734	56262.13820	56257.85156	504370.9	5411435.2
L4370.0	504370.9	5411434.2	53681.50000	324.09	0	48.855859	-86.940413	56244.94	56239.2	10.76	56255.70	56254.84766	56264.62027	56260.43359	504370.9	5411434.2
L4370.0	504370.9	5411433.4	53681.60156	324.30	0	48.855852	-86.940413	56244.45	56239.2	10.76	56255.21	56254.36328	56260.33045	56256.24219	504370.9	5411433.4
L4370.0	504370.9	5411433.4	53681.69922	322.86	0	48.855852	-86.940413	56244.14	56239.2	10.76	56254.91	56254.07422	56260.44129	56256.44922	504370.9	5411433.4
L4370.0	504370.9	5411432.3	53681.80078	321.57	0	48.855842	-86.940413	56243.85	56239.2	10.76	56254.61	56253.78125	56260.61763	56256.71875	504370.9	5411432.3
L4370.0	504370.9	5411431.5	53681.89844	322.66	0	48.855834	-86.940413	56243.38	56239.2	10.76	56254.14	56253.31641	56256.99040	56253.18750	504370.9	5411431.5
L4370.0	504370.9	5411430.4	53682.00000	322.83	0	48.855825	-86.940413	56243.00	56239.2	10.76	56253.76	56252.94531	56255.46963	56251.76172	504370.9	5411430.4
L4370.0	504370.9	5411430.4	53682.10156	324.22	0	48.855825	-86.940413	56242.77	56239.2	10.76	56253.52	56252.71484	56257.19719	56253.58203	504370.9	5411430.4
L4370.0	504370.9	5411429.3	53682.19922	323.96	0	48.855814	-86.940413	56242.59	56239.2	10.76	56253.35	56252.55078	56260.58915	56257.06250	504370.9	5411429.3
L4370.0	504370.9	5411428.0	53682.30078	323.88	0	48.855803	-86.940413	56242.22	56239.2	10.75	56252.98	56252.19141	56259.47377	56256.03906	504370.9	5411428.0
L4370.0	504370.9	5411427.0	53682.39844	322.45	0	48.855794	-86.940413	56241.55	56239.2	10.75	56252.30	56251.51953	56251.28804	56247.94531	504370.9	5411427.0
L4370.0	504370.9	5411427.0	53682.50000	323.54	0	48.855794	-86.940413	56241.34	56239.3	10.75	56252.09	56251.31641	56253.93711	56250.68359	504370.9	5411427.0
L4370.0	504370.9	5411425.7	53682.60156	322.77	0	48.855782	-86.940413	56241.02	56239.3	10.75	56251.76	56250.99609	56253.88115	56250.71484	504370.9	5411425.7
L4370.0	504371.0	5411424.3	53682.69922	321.49	0	48.855769	-86.940412	56240.83	56239.3	10.75	56251.57	56250.81641	56257.12139	56254.04297	504371.0	5411424.3
L4370.0	504371.0	5411424.3	53682.80078	322.13	0	48.855769	-86.940412	56240.34	56239.3	10.74	56251.09	56250.34766	56253.68701	56250.69531	504371.0	5411424.3
L4370.0	504371.0	5411423.1	53682.80078	322.13	0	48.855759	-86.940412	56240.16	56239.3	10.74	56250.91	56250.17578	56257.27390	56254.37109	504371.0	5411423.1
L4370.0	504371.0	5411422.0	53683.00000	321.85	0	48.855749	-86.940412	56239.63	56239.3	10.74	56250.37	56249.64453	56252.51409	56249.69531	504371.0	5411422.0
L4370.0	504371.0	5411422.0	53683.10156	323.64	0	48.855749	-86.940412	56239.20	56239.3	10.74	56249.94	56249.22656	56250.35535	56247.62109	504371.0	5411422.0
L4370.0	504371.0	5411420.8	53683.19922	324.68	0	48.855738	-86.940412	56238.91	56239.3	10.74	56249.64	56248.93359	56251.27931	56248.63281	504371.0	5411420.8
L4370.0	504371.0	5411419.1	53683.30078	324.22	0	48.855723	-86.940412	56238.94	56239.3	10.74	56249.68	56248.98438	56260.20983	56257.64844	504371.0	5411419.1
L4370.0	504371.0	5411419.1	53683.39844	324.44	0	48.855723	-86.940412	56238.66	56239.3	10.74	56249.39	56248.70703	56261.45354	56258.97266	504371.0	5411419.1
L4370.0	504371.0	5411417.8	53683.50000	325.11	0	48.855711	-86.940412	56238.13	56239.3	10.74	56248.87	56248.19922	56257.34957	56254.95313	504371.0	5411417.8
L4370.0	504371.0	5411416.7	53683.60156	325.75	0	48.855701	-86.940412	56238.02	56239.3	10.73	56248.75	56248.08984	56262.64136	56260.32813	504371.0	5411416.7
L4370.0	504371.0	5411415.8	53683.69922	324.95	0	48.855693	-86.940412	56237.13	56239.3	10.73	56247.86	56247.21094	56249.97763	56247.74609	504371.0	5411415.8
L4370.0	504371.0	5411415.8	53683.80078	325.79	0	48.855693	-86.940412	56236.62	56239.3	10.73	56247.35	56246.71094	56246.25014	56244.10156	504371.0	5411415.8
L4370.0	504371.0	5411414.5	53683.89844	325.27	0	48.855681	-86.940412	56235.97	56239.3	10.73	56246.70	56246.07422	56239.32360	56237.25781	504371.0	5411414.5
L4370.0	504371.0	5411413.4	53684.00000	323.57	0	48.855672	-86.940411	56235.88	56239.3	10.73	56246.61	56245.99609	56245.45820	56243.47266	504371.0	5411413.4
L4370.0	504371.0	5411412.6	53684.10156	323.64	0	48.855664	-86.940411	56235.90	56239.3	10.73	56246.63	56246.03125	56254.13826	56252.23438	504371.0	5411412.6
L4370.0	504371.0	5411412.6	53684.19922	322.75	0	48.855664	-86.940411	56235.78	56239.3	10.73	56246.51	56245.92188	56259.57101	56257.74609	504371.0	5411412.6
L4370.0	504371.1	5411411.1	53684.30078	322.78	0	48.855651	-86.940411	56235.29	56239.3	10.73	56246.01	56245.43750	56256.28054	56254.53906	504371.1	5411411.1
L4370.0	504371.1	5411409.9	53684.39844	322.50	0	48.855641	-86.940411	56234.73	56239.3	10.73	56245.45	56244.89063	56251.68208	56250.01953	504371.1	5411409.9
L4370.0	504371.1	5411409.9	53684.50000	321.50	0	48.855641	-86.940411	56234.40	56239.3	10.73	56245.12	56244.57422	56252.39064	56250.80859	504371.1	5411409.9
L4370.0	504371.1	5411408.7	53684.60156	322.08	0	48.855630	-86.940410	56233.56	56239.3	10.72	56244.28	56243.75000	56241.58832	56240.08594	504371.1	5411408.7
L4370.0	504371.1	5411407.6	53684.69922	321.63	0	48.855619	-86.940410	56233.36	56239.3	10.72	56244.08	56243.56641	56245.34328	56243.92188	504371.1	5411407.6
L4370.0	504371.1	5411407.6	53684.80078	323.53	0	48.855619	-86.940410	56232.89	56239.3	10.72	56243.61	56243.10938	56243.04945	56241.70703	504371.1	5411407.6
L4370.0	504371.2	5411406.0	53684.80078	323.53	0	48.855605	-86.940410	56232.92	56239.3	10.72	56243.64	56243.15625	56251.98141	56250.71875	504371.2	5411406.0
L4370.0	504371.2	5411404.7	53685.00000	324.16	0	48.855593	-86.940409	56231.97	56239.3	10.72	56242.69	56242.22266	56239.09030	56237.90625	504371.2	5411404.7
L4370.0	504371.2	5411403.4	53685.10156	325.01	0	48.855582	-86.940409	56231.39	56239.3	10.72	56242.10	56241.64844	56234.31773	56233.21484	504371.2	5411403.4
L4370.0	504371.2	5411403.4	53685.19922	323.91	0	48.855582	-86.940409	56230.96	56239.3	10.71	56241.68	56241.24609	56233.37411	56232.35156	504371.2	5411403.4
L4370.0	504371.3	5411401.9	53685.30078	322.97	0	48.855569	-86.940409	56230.72	56239.3	10.71	56241.43	56241.01563	56236.22123	56235.28125	504371.3	5411401.9
L4370.0	504371.3	5411400.3	53685.39844	321.50	0	48.855554	-86.940408	56230.60	56239.3	10.70	56241.30	56240.90234	56241.73247	56240.87109	504371.3	5411400.3
L4370.0	504371.3	5411399.1	53685.50000	321.10	0	48.855543	-86.940408	56230.27	56239.3	10.70	56240.97	56240.58984	56242.88478	56242.10547	504371.3	5411399.1
L4370.0	504371.3	5411399.1	53685.60156	322.63	0	48.855543	-86.940408	56230.08	56239.3	10.70	56240.77	56240.41016	56246.92343	56246.22266	504371.3	5411399.1
L4370.0	504371.3	5411398.1	53685.69922	321.64	0	48.855534	-86.940408	56229.60	56239.3	10.69	56240.29	56239.94922	56244.89088	56244.27344	504371.3	5411398.1
L4370.0	504371.3	5411396.8	53685.80078	321.39	0	48.855522	-86.940408	56229.33	56239.3	10.69	56240.02	56239.69531	56247.49004	56246.95313	504371.3	5411396.8
L4370.0	504371.3	5411396.8	53685.89844	321.98	0	48.855522	-86.940408	56228.67	56239.3	10.68	56239.35	56239.04688	56241.44610	56240.98828	504371.3	5411396.8
L4370.0	504371.3	5411395.5	53686.00000	322.78	0	48.855511	-86.940408	56228.27	56239.3	10.68	56238.95	56238.66797	56241.33400	56240.96094	504371.3	5411395.5
L4370.0	504371.3	5411394.2	53686.10156	323.52	0	48.855499	-86.940408	56227.84	56239.3	10.68	56238.52	56238.25781	56240.63082	56240.33984	504371.3	5411394.2
L4370.0	504371.3	5411392.9	53686.19922	323.30	0	48.855487	-86.940407	56226.99	56239.3	10.68	56237.67	56237.42969	56230.93569	56230.72656	504371.3	5411392.9
L4370.0	504371.3	5411392.9	53686.30078	322.86	0	48.855487	-86.940407	56226.62	56239.3	10.68	56237.30	56237.07813	56231.67059	56231.54297	504371.3	5411392.9
L4370.0	504371.4	5411391.6	53686.39844	323.33	0	48.855475	-86.940407	56226.11	56239.3	10.68	56236.79	56236.58984	56229.46134	56229.41797	504371.4	5411391.6
L4370.0	504371.4	5411390.3	53686.50000	322.32	0	48.855464	-86.940407	56226.56	56239.3	10.68	56237.24	56237.06250	56247.85283	56247.89453	504371.4	5411390.3
L4370.0	504371.4	5411389.3	53686.60156	320.66	0	48.855455	-86.940407	56226.16	56239.3	10.68	56236.84	56236.68750	56248.08235	56248.20703	504371.4	5411389.3
L4370.0	504371.4	5411389.3	53686.69922	321.34	0	48.855455	-86.940407	56226.08	56239.3	10.68	56236.76	56236.62891	56255.18044	56255.39063	504371.4	5411389.3
L4370.0	504371.4	5411387.9	53686.80078	321.20	0	48.855442	-86.940406	56225.08	56239.3	10.68	56235.76	56235.65234	56242.79733	56243.08984	504371.4	5411387.9
L4370.0	504371.4	5411386.8	53686.80078	321.20	0	48.855432	-86.940406	56224.47	56239.3	10.68	56235.15	56235.06641	56238.79673	56239.17578	504371.4	5411386.8
L4370.0	504371.4	5411386.8	53687.00000	320.76	0	48.855432	-86.940406	56223.63	56239.3	10.68	56234.31	56234.25000	56230.03177	56230.49609	504371.4	5411386.8
L4370.0	504371.5	5411385.1	53687.10156	320.45	0	48.855417	-86.940406	56222.96	56239.3	10.68	56233.64	56233.60156	56224.95654	56225.50781	504371.5	5411385.1
L4370.0	504371.5	5411383.4	53687.19922	323.10	0	48.855402	-86.940405	56222.86	56239.3	10.67	56233.54	56233.52734	56231.95136	56232.58984	504371.5	5411383.4
L4370.0	504371.5	5411382.2	53687.30078	323.47	0	48.855391	-86.940405	56222.36	56239.3	10.67	56233.03	56233.04297	56230.39205	56231.11719	504371.5	5411382.2
L4370.0	504371.5	5411382.2	53687.39844	322.83	0	48.855391	-86.940405	56222.56	56239.3	10.67	56233.23	56233.26563	56243.78718	56244.60156	504371.5	5411382.2
L4370.0	504371.5	5411381.0	53687.50000	323.10	0	48.855380	-86.940405	56221.63	56239.3	10.67	56232.30	56232.35938	56233.58038	56234.48047	504371.5	5411381.0
L4370.0	504371.5	5411381.0	53687.60156	321.22	0	48.855380	-86.940405	56221.18	56239.3	10.66	56231.84	56231.92578	56233.30029	56234.28906	504371.5	5411381.0
L4370.0	504371.5	5411379.3	53687.69922	319.73	0	48.855365	-86.940405	56220.32	56239.3	10.66	56230.98	56231.08984	56224.73363	56225.81250	504371.5	5411379.3
L4370.0	504371.6	5411378.1	53687.80078	320.56	0	48.855354	-86.940405	56220.11	56239.3	10.66	56230.76	56230.89844	56229.63660	56230.80469	504371.6	5411378.1
L4370.0	504371.6	5411376.9	53687.89844	319.52	0	48.855343	-86.940405	56219.79	56239.3	10.65	56230.44	56230.60156	56232.53453	56233.79297	504371.6	5411376.9
L4370.0	504371.6	5411376.9	53688.00000	319.87	0	48.855343	-86.940405	56219.32	56239.3	10.65	56229.97	56230.16016	56232.37931	56233.73047	504371.6	5411376.9
L4370.0	504371.6	5411375.4	53688.10156	320.49	0	48.855330	-86.940405	56219.19	56239.3	10.65	56229.84	56230.05469	56239.45787	56240.89844	504371.6	5411375.4
L4370.0	504371.6	5411373.8	53688.19922	320.78	0	48.855316	-86.940405	56218.59	56239.3	10.65	56229.24	56229.48047	56236.75870	56238.29297	504371.6	5411373.8
L4370.0	504371.6	5411372.8	53688.30078	321.45	0	48.855306	-86.940405	56218.48	56239.3	10.65	56229.13	56229.39844	56244.49014	56246.11719	504371.6	5411372.8
L4370.0	504371.6	5411372.8	53688.39844	322.47	0	48.855306	-86.940405	56217.25	56239.3	10.65	56227.90	56228.19141	56228.63329	56230.35156	504371.6	5411372.8
L4370.0	504371.6	5411371.2	53688.50000	321.99	0	48.855292	-86.940404	56216.99	56239.3	10.65	56227.64	56227.96094	56233.39063	56235.19922	504371.6	5411371.2
L4370.0	504371.6	5411371.2	53688.60156	321.67	0	48.855292	-86.940404	56216.04	56239.3	10.65	56226.69	56227.03516	56223.55478	56225.45703	504371.6	5411371.2
L4370.0	504371.6	5411369.8	53688.69922	320.45	0	48.855279	-86.940404	56215.65	56239.3	10.65	56226.30	56226.67188	56225.73720	56227.73438	504371.6	5411369.8
L4370.0	504371.6	5411368.1	53688.80078	320.45	0	48.855264	-86.940404	56214.90	56239.3	10.65	56225.55	56225.94922	56220.29108	56222.38281	504371.6	5411368.1
L4370.0	504371.6	5411368.1	53688.80078	320.45	0	48.855264	-86.940404	56214.59	56239.3	10.65	56225.24	56225.66406	56224.40444	56226.58984	504371.6	5411368.1
L4370.0	504371.7	5411365.9	53689.00000	322.80	0	48.855244	-86.940404	56214.57	56239.3	10.65	56225.22	56225.67188	56234.94913	56237.23047	504371.7	5411365.9
L4370.0	504371.7	5411365.9	53689.10156	321.99	0	48.855244	-86.940404	56214.01	56239.4	10.65	56224.66	56225.13672	56233.91924	56236.29297	504371.7	5411365.9
L4370.0	504371.7	5411364.2	53689.19922	323.01	0	48.855229	-86.940403	56213.73	56239.4	10.64	56224.37	56224.87109	56238.89692	56241.36719	504371.7	5411364.2
L4370.0	504371.7	5411364.2	53689.30078	324.06	0	48.855229	-86.940403	56212.55	56239.4	10.64	56223.19	56223.71875	56224.44314	56227.01172	504371.7	5411364.2
L4370.0	504371.7	5411363.2	53689.39844	324.67	0	48.855220	-86.940403	56212.27	56239.4	10.64	56222.90	56223.45313	56229.63230	56232.29297	504371.7	5411363.2
L4370.0	504371.7	5411362.1	53689.50000	324.89	0	48.855210	-86.940403	56211.10	56239.4	10.64	56221.73	56222.30859	56215.44129	56218.19922	504371.7	5411362.1
L4370.0	504371.7	5411360.6	53689.60156	323.93	0	48.855197	-86.940403	56211.00	56239.4	10.63	56221.63	56222.23047	56225.08469	56227.93750	504371.7	5411360.6
L4370.0	504371.7	5411359.1	53689.69922	323.15	0	48.855183	-86.940403	56210.11	56239.4	10.63	56220.74	56221.36719	56217.23633	56220.18750	504371.7	5411359.1
L4370.0	504371.7	5411359.1	53689.80078	322.06	0	48.855183	-86.940403	56209.89	56239.4	10.63	56220.52	56221.17188	56224.48453	56227.53125	504371.7	5411359.1
L4370.0	504371.7	5411357.8	53689.80078	322.06	0	48.855172	-86.940403	56209.26	56239.4	10.63	56219.88	56220.55469	56222.42589	56225.57031	504371.7	5411357.8
L4370.0	504371.7	5411356.2	53690.00000	323.49	0	48.855157	-86.940403	56208.60	56239.4	10.62	56219.22	56219.91797	56220.00887	56223.25000	504371.7	5411356.2
L4370.0	504371.7	5411356.2	53690.10156	322.44	0	48.855157	-86.940403	56208.19	56239.4	10.62	56218.81	56219.53125	56223.35384	56226.69141	504371.7	5411356.2
L4370.0	504371.7	5411354.8	53690.19922	323.06	0	48.855144	-86.940403	56206.98	56239.4	10.62	56217.60	56218.33984	56208.63892	56212.07422	504371.7	5411354.8
L4370.0	504371.7	5411352.9	53690.30078	324.48	0	48.855127	-86.940403	56206.69	56239.4	10.62	56217.31	56218.07422	56214.92386	56218.45313	504371.7	5411352.9
L4370.0	504371.7	5411351.9	53690.39844	325.74	0	48.855118	-86.940403	56205.54	56239.4	10.62	56216.15	56216.93359	56201.48934	56205.11719	504371.7	5411351.9
L4370.0	504371.7	5411350.4	53690.50000	326.56	0	48.855105	-86.940403	56205.51	56239.4	10.62	56216.12	56216.92578	56213.94681	56217.66797	504371.7	5411350.4
L4370.0	504371.7	5411350.4	53690.60156	325.34	0	48.855105	-86.940403	56204.40	56239.4	10.61	56215.02	56215.84375	56202.06664	56205.88281	504371.7	5411350.4

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4370.0	504371.7	5411348.8	53690.69922	324.24	0	48.855090	-86.940403	56204.21	56239.4	10.61	56214.83	56215.67188	56211.10643	56215.01953	504371.7	5411348.8
L4370.0	504371.7	5411348.8	53690.80078	321.09	0	48.855090	-86.940403	56203.31	56239.4	10.61	56213.93	56214.79297	56204.00549	56208.01563	504371.7	5411348.8
L4370.0	504371.7	5411347.3	53690.80078	321.09	0	48.855077	-86.940403	56202.81	56239.4	10.61	56213.42	56214.30078	56205.93968	56210.04297	504371.7	5411347.3
L4370.0	504371.7	5411347.3	53691.00000	323.01	0	48.855077	-86.940403	56202.26	56239.4	10.61	56212.87	56213.76563	56207.06368	56211.26172	504371.7	5411347.3
L4370.0	504371.7	5411345.8	53691.10156	324.62	0	48.855064	-86.940404	56201.38	56239.4	10.61	56211.99	56212.90234	56200.74324	56205.03516	504371.7	5411345.8
L4370.0	504371.7	5411344.3	53691.19922	324.17	0	48.855050	-86.940404	56201.42	56239.4	10.61	56212.03	56212.95703	56215.55936	56219.94531	504371.7	5411344.3
L4370.0	504371.7	5411344.3	53691.30078	323.82	0	48.855050	-86.940404	56200.39	56239.4	10.61	56211.00	56211.94141	56206.02158	56210.50000	504371.7	5411344.3
L4370.0	504371.6	5411342.5	53691.39844	325.03	0	48.855034	-86.940404	56199.70	56239.4	10.61	56210.32	56211.27344	56204.58450	56209.15234	504371.6	5411342.5
L4370.0	504371.6	5411341.2	53691.50000	323.73	0	48.855022	-86.940404	56198.68	56239.4	10.62	56209.29	56210.25781	56195.27513	56199.93359	504371.6	5411341.2
L4370.0	504371.6	5411339.9	53691.60156	322.20	0	48.855011	-86.940404	56198.48	56239.4	10.62	56209.10	56210.07813	56205.19921	56209.94922	504371.6	5411339.9
L4370.0	504371.6	5411339.9	53691.69922	321.59	0	48.855011	-86.940404	56197.86	56239.4	10.62	56208.48	56209.46875	56205.42305	56210.26172	504371.6	5411339.9
L4370.0	504371.6	5411338.6	53691.80078	322.35	0	48.854999	-86.940404	56197.05	56239.4	10.62	56207.67	56208.66797	56201.42284	56206.35156	504371.6	5411338.6
L4370.0	504371.6	5411337.5	53691.89844	321.92	0	48.854989	-86.940404	56196.58	56239.4	10.62	56207.20	56208.20703	56205.24576	56210.26172	504371.6	5411337.5
L4370.0	504371.6	5411336.0	53692.00000	322.21	0	48.854975	-86.940404	56195.59	56239.4	10.62	56206.21	56207.22266	56197.34337	56202.44531	504371.6	5411336.0
L4370.0	504371.6	5411336.0	53692.10156	324.52	0	48.854975	-86.940404	56195.40	56239.4	10.62	56206.01	56207.03125	56207.48965	56212.67969	504371.6	5411336.0
L4370.0	504371.6	5411333.8	53692.19922	323.25	0	48.854955	-86.940404	56194.10	56239.4	10.61	56204.71	56205.73438	56192.70889	56197.98047	504371.6	5411333.8
L4370.0	504371.6	5411332.7	53692.30078	322.13	0	48.854946	-86.940404	56193.82	56239.4	10.61	56204.43	56205.45703	56201.22609	56206.58203	504371.6	5411332.7
L4370.0	504371.6	5411332.7	53692.39844	321.15	0	48.854946	-86.940404	56193.02	56239.4	10.60	56203.62	56204.64844	56197.75878	56203.19531	504371.6	5411332.7
L4370.0	504371.7	5411331.2	53692.50000	321.62	0	48.854932	-86.940404	56192.93	56239.4	10.60	56203.53	56204.56250	56210.84427	56216.36328	504371.7	5411331.2
L4370.0	504371.7	5411330.0	53692.60156	323.49	0	48.854921	-86.940404	56191.81	56239.4	10.59	56202.40	56203.42969	56200.21984	56205.81641	504371.7	5411330.0
L4370.0	504371.7	5411328.2	53692.69922	323.65	0	48.854905	-86.940404	56190.76	56239.4	10.58	56201.34	56202.37109	56191.23832	56196.91406	504371.7	5411328.2
L4370.0	504371.7	5411328.2	53692.80078	323.37	0	48.854905	-86.940404	56190.09	56239.4	10.58	56200.67	56201.69531	56191.29346	56197.04688	504371.7	5411328.2
L4370.0	504371.7	5411326.8	53692.80078	323.37	0	48.854892	-86.940404	56189.66	56239.4	10.58	56200.24	56201.26172	56196.98248	56202.80859	504371.7	5411326.8
L4370.0	504371.7	5411326.8	53693.00000	323.93	0	48.854892	-86.940404	56189.32	56239.4	10.57	56199.89	56200.90625	56204.62667	56210.52734	504371.7	5411326.8
L4370.0	504371.7	5411325.5	53693.10156	322.43	0	48.854881	-86.940403	56187.86	56239.4	10.57	56198.43	56199.44141	56186.64418	56192.61328	504371.7	5411325.5
L4370.0	504371.7	5411324.0	53693.19922	324.20	0	48.854867	-86.940403	56187.02	56239.4	10.57	56197.59	56198.58984	56183.09465	56189.13672	504371.7	5411324.0
L4370.0	504371.7	5411322.8	53693.30078	324.60	0	48.854857	-86.940403	56186.36	56239.4	10.58	56196.94	56197.93359	56184.03005	56190.13672	504371.7	5411322.8
L4370.0	504371.7	5411321.7	53693.39844	324.15	0	48.854847	-86.940403	56186.01	56239.4	10.58	56196.59	56197.57031	56191.97058	56198.14453	504371.7	5411321.7
L4370.0	504371.7	5411321.7	53693.50000	323.08	0	48.854847	-86.940403	56185.14	56239.4	10.58	56195.72	56196.68750	56187.95784	56194.19531	504371.7	5411321.7
L4370.0	504371.8	5411320.3	53693.60156	324.82	0	48.854834	-86.940402	56184.99	56239.4	10.58	56195.57	56196.52344	56200.55345	56206.85156	504371.8	5411320.3
L4370.0	504371.8	5411319.1	53693.69922	326.09	0	48.854824	-86.940402	56184.02	56239.4	10.58	56194.60	56195.53906	56194.35876	56200.71875	504371.8	5411319.1
L4370.0	504371.8	5411319.1	53693.80078	325.77	0	48.854824	-86.940402	56183.20	56239.4	10.59	56193.79	56194.71094	56191.90343	56198.32031	504371.8	5411319.1
L4370.0	504371.8	5411317.3	53693.89844	324.07	0	48.854807	-86.940401	56182.41	56239.4	10.59	56193.00	56193.90234	56189.96623	56196.43750	504371.8	5411317.3
L4370.0	504371.9	5411315.6	53694.00000	324.28	0	48.854792	-86.940401	56181.68	56239.4	10.59	56192.27	56193.15234	56189.43279	56195.95703	504371.9	5411315.6
L4370.0	504371.9	5411315.6	53694.10156	325.16	0	48.854792	-86.940401	56180.83	56239.4	10.59	56191.42	56192.28125	56186.26188	56192.83594	504371.9	5411315.6
L4370.0	504371.9	5411314.0	53694.19922	322.66	0	48.854778	-86.940400	56179.71	56239.4	10.59	56190.30	56191.14063	56177.19251	56183.81641	504371.9	5411314.0
L4370.0	504372.0	5411312.4	53694.30078	321.69	0	48.854763	-86.940400	56179.06	56239.4	10.59	56189.65	56190.46484	56178.58798	56185.25781	504372.0	5411312.4
L4370.0	504372.0	5411312.4	53694.39844	321.41	0	48.854763	-86.940400	56178.23	56239.4	10.59	56188.83	56189.62109	56176.27494	56182.98828	504372.0	5411312.4
L4370.0	504372.0	5411310.3	53694.50000	320.94	0	48.854744	-86.940399	56177.54	56239.4	10.60	56188.13	56188.89063	56176.59267	56183.34375	504372.0	5411310.3
L4370.0	504372.1	5411308.5	53694.60156	318.42	0	48.854728	-86.940398	56175.97	56239.4	10.60	56186.57	56187.30469	56158.49480	56165.28516	504372.1	5411308.5
L4370.0	504372.1	5411308.5	53694.69922	319.39	0	48.854728	-86.940398	56175.40	56239.4	10.60	56186.00	56186.70313	56161.69030	56168.51563	504372.1	5411308.5
L4370.0	504372.1	5411307.4	53694.80078	319.39	0	48.854718	-86.940398	56174.68	56239.4	10.60	56185.28	56185.95313	56161.65019	56168.51172	504372.1	5411307.4
L4370.0	504372.1	5411306.6	53694.80078	319.39	0	48.854711	-86.940398	56173.96	56239.4	10.60	56184.56	56185.19922	56161.57498	56168.46484	504372.1	5411306.6
L4370.0	504372.2	5411305.3	53695.00000	320.27	0	48.854699	-86.940397	56172.68	56239.4	10.60	56183.28	56183.88281	56149.78897	56156.70703	504372.2	5411305.3
L4370.0	504372.2	5411305.3	53695.10156	320.91	0	48.854699	-86.940397	56171.87	56239.4	10.60	56182.47	56183.03906	56147.80067	56154.74219	504372.2	5411305.3
L4370.0	504372.2	5411304.0	53695.19922	322.24	0	48.854687	-86.940397	56171.64	56239.4	10.60	56182.24	56182.76953	56157.73530	56164.69922	504372.2	5411304.0
L4370.0	504372.2	5411302.5	53695.30078	321.07	0	48.854674	-86.940397	56170.81	56239.4	10.60	56181.40	56181.89453	56154.95399	56161.93750	504372.2	5411302.5
L4370.0	504372.2	5411301.4	53695.39844	320.71	0	48.854664	-86.940396	56170.65	56239.4	10.60	56181.25	56181.70313	56166.32384	56173.32422	504372.2	5411301.4
L4370.0	504372.2	5411301.4	53695.50000	320.73	0	48.854664	-86.940396	56169.85	56239.4	10.59	56180.45	56180.86328	56164.19991	56171.21484	504372.2	5411301.4
L4370.0	504372.2	5411299.6	53695.60156	319.25	0	48.854648	-86.940396	56168.71	56239.4	10.59	56179.30	56179.66797	56154.72605	56161.75000	504372.2	5411299.6
L4370.0	504372.3	5411298.4	53695.69922	319.01	0	48.854637	-86.940396	56167.69	56239.4	10.59	56178.28	56178.60547	56147.78775	56154.82031	504372.3	5411298.4
L4370.0	504372.3	5411297.2	53695.80078	320.34	0	48.854626	-86.940396	56166.48	56239.4	10.59	56177.07	56177.35156	56136.68744	56143.72266	504372.3	5411297.2
L4370.0	504372.3	5411297.2	53695.89844	319.52	0	48.854626	-86.940396	56165.59	56239.4	10.59	56176.18	56176.41406	56132.07221	56139.10938	504372.3	5411297.2
L4370.0	504372.3	5411295.5	53696.00000	321.42	0	48.854611	-86.940395	56164.76	56239.4	10.59	56175.35	56175.53516	56128.54106	56135.57813	504372.3	5411295.5
L4370.0	504372.3	5411294.6	53696.10156	321.22	0	48.854603	-86.940395	56164.78	56239.4	10.59	56175.37	56175.50781	56143.04292	56150.07422	504372.3	5411294.6
L4370.0	504372.4	5411293.2	53696.19922	321.10	0	48.854591	-86.940395	56164.36	56239.4	10.59	56174.95	56175.03906	56148.16463	56155.19141	504372.4	5411293.2
L4370.0	504372.4	5411291.6	53696.30078	320.57	0	48.854576	-86.940394	56164.08	56239.4	10.59	56174.68	56174.71875	56156.52264	56163.53906	504372.4	5411291.6
L4370.0	504372.4	5411291.6	53696.39844	322.21	0	48.854576	-86.940394	56162.76	56239.4	10.59	56173.36	56173.34375	56141.82347	56148.82422	504372.4	5411291.6
L4370.0	504372.4	5411290.3	53696.50000	322.33	0	48.854564	-86.940394	56161.85	56239.4	10.60	56172.44	56172.37109	56135.60938	56142.59375	504372.4	5411290.3
L4370.0	504372.5	5411288.6	53696.60156	323.18	0	48.854549	-86.940393	56161.05	56239.4	10.60	56171.64	56171.51953	56131.83492	56138.80078	504372.5	5411288.6
L4370.0	504372.5	5411288.6	53696.69922	323.00	0	48.854549	-86.940393	56160.53	56239.4	10.60	56171.12	56170.94141	56134.14660	56141.08984	504372.5	5411288.6
L4370.0	504372.5	5411287.2	53696.80078	323.18	0	48.854536	-86.940393	56160.12	56239.4	10.60	56170.72	56170.48828	56139.04100	56145.96094	504372.5	5411287.2
L4370.0	504372.5	5411285.7	53696.80078	323.18	0	48.854523	-86.940393	56159.50	56239.4	10.60	56170.09	56169.80078	56138.58954	56145.48047	504372.5	5411285.7
L4370.0	504372.5	5411284.3	53697.00000	323.16	0	48.854510	-86.940392	56158.73	56239.4	10.60	56169.33	56168.98438	56134.97435	56141.83203	504372.5	5411284.3
L4370.0	504372.5	5411284.3	53697.10156	324.66	0	48.854510	-86.940392	56158.01	56239.4	10.60	56168.61	56168.20703	56132.04125	56138.86719	504372.5	5411284.3
L4370.0	504372.6	5411282.6	53697.19922	324.67	0	48.854495	-86.940392	56157.61	56239.4	10.60	56168.21	56167.74609	56136.22810	56143.01563	504372.6	5411282.6
L4370.0	504372.6	5411281.3	53697.30078	325.55	0	48.854483	-86.940392	56156.69	56239.4	10.60	56167.29	56166.76563	56128.21737	56134.96484	504372.6	5411281.3
L4370.0	504372.6	5411281.3	53697.39844	324.92	0	48.854483	-86.940392	56156.18	56239.4	10.60	56166.79	56166.20703	56129.62227	56136.32422	504372.6	5411281.3
L4370.0	504372.6	5411279.7	53697.50000	325.38	0	48.854468	-86.940391	56155.40	56239.4	10.61	56166.01	56165.36719	56124.30050	56130.95703	504372.6	5411279.7
L4370.0	504372.6	5411278.3	53697.60156	325.39	0	48.854456	-86.940391	56155.00	56239.4	10.61	56165.60	56164.89453	56127.24001	56133.84766	504372.6	5411278.3
L4370.0	504372.7	5411276.7	53697.69922	324.12	0	48.854442	-86.940391	56154.34	56239.4	10.61	56164.95	56164.18359	56124.34156	56130.89844	504372.7	5411276.7
L4370.0	504372.7	5411276.7	53697.80078	323.86	0	48.854442	-86.940391	56153.30	56239.4	10.61	56163.90	56163.07031	56111.91756	56118.42188	504372.7	5411276.7
L4370.0	504372.7	5411275.2	53697.89844	322.22	0	48.854428	-86.940390	56152.90	56239.4	10.61	56163.51	56162.61719	56114.38627	56120.83203	504372.7	5411275.2
L4370.0	504372.7	5411274.0	53698.00000	320.51	0	48.854417	-86.940390	56152.54	56239.4	10.61	56163.15	56162.19531	56117.18801	56123.57422	504372.7	5411274.0
L4370.0	504372.7	5411272.6	53698.10156	321.57	0	48.854405	-86.940390	56152.34	56239.4	10.61	56162.96	56161.94141	56123.50434	56129.82422	504372.7	5411272.6
L4370.0	504372.7	5411272.6	53698.19922	321.68	0	48.854405	-86.940390	56151.40	56239.4	10.61	56162.02	56160.93750	56112.27304	56118.52734	504372.7	5411272.6
L4370.0	504372.7	5411271.2	53698.30078	321.78	0	48.854393	-86.940390	56150.72	56239.4	10.62	56161.33	56160.18359	56106.39106	56112.57813	504372.7	5411271.2
L4370.0	504372.8	5411269.5	53698.39844	322.58	0	48.854377	-86.940389	56150.79	56239.4	10.62	56161.41	56160.20313	56117.61626	56123.73438	504372.8	5411269.5
L4370.0	504372.8	5411268.1	53698.50000	323.45	0	48.854364	-86.940389	56150.38	56239.4	10.62	56160.99	56159.71875	56117.01153	56123.05469	504372.8	5411268.1
L4370.0	504372.8	5411268.1	53698.60156	319.52	0	48.854364	-86.940389	56149.63	56239.4	10.62	56160.25	56158.91406	56108.70893	56114.67578	504372.8	5411268.1
L4370.0	504372.8	5411266.4	53698.69922	322.26	0	48.854349	-86.940389	56148.80	56239.4	10.62	56159.42	56158.01953	56097.92161	56103.80859	504372.8	5411266.4
L4370.0	504372.8	5411266.4	53698.80078	322.38	0	48.854349	-86.940389	56148.70	56239.4	10.63	56159.32	56157.85938	56103.14818	56108.95703	504372.8	5411266.4
L4370.0	504372.8	5411264.7	53698.80078	322.38	0	48.854334	-86.940389	56148.09	56239.4	10.63	56158.71	56157.18359	56096.33821	56102.06250	504372.8	5411264.7
L4370.0	504372.8	5411263.6	53699.00000	325.11	0	48.854324	-86.940389	56147.57	56239.4	10.63	56158.20	56156.61328	56091.25439	56096.89063	504372.8	5411263.6
L4370.0	504372.8	5411262.3	53699.10156	324.27	0	48.854312	-86.940389	56147.10	56239.4	10.63	56157.73	56156.08203	56086.52251	56092.07422	504372.8	5411262.3
L4370.0	504372.8	5411260.9	53699.19922	323.71	0	48.854300	-86.940389	56147.39	56239.4	10.63	56158.02	56156.30859	56098.44075	56103.90234	504372.8	5411260.9
L4370.0	504372.8	5411260.9	53699.30078	323.43	0	48.854300	-86.940389	56147.02	56239.4	10.64	56157.66	56155.88672	56095.09038	56100.45703	504372.8	5411260.9
L4370.0	504372.8	5411259.5	53699.39844	324.41	0	48.854287	-86.940389	56146.63	56239.4	10.64	56157.27	56155.43750	56090.47393	56095.74609	504372.8	5411259.5
L4370.0	504372.8	5411258.1	53699.50000	323.12	0	48.854274	-86.940389	56146.17	56239.4	10.64	56156.81	56154.91406	56083.66333	56088.83984	504372.8	5411258.1
L4370.0	504372.8	5411256.8	53699.60156	322.44	0	48.854263	-86.940389	56146.04	56239.4	10.64	56156.68	56154.72656	56083.79527	56088.87500	504372.8	5411256.8
L4370.0	504372.8	5411255.6	53699.69922	321.71	0	48.854252	-86.940389	56146.32	56239.4	10.64	56156.97	56154.95703	56093.00094	56097.98047	504372.8	5411255.6
L4370.0	504372.8	5411255.6	53699.80078	322.41	0	48.854252	-86.940389	56145.74	56239.4	10.65	56156.38	56154.30859	56081.40688	56086.28125	504372.8	5411255.6
L4370.0	504372.8	5411254.4	53699.89844	323.70	0	48.854241	-86.940389	56145.48	56239.4	10.65	56156.13	56154.00000	56077.02499	56081.79688	504372.8	5411254.4

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4370.0	504372.8	5411253.1	53700.00000	324.69	0	48.854229	-86.940389	56145.00	56239.3	10.65	56155.65	56153.46484	56066.70887	56071.37500	504372.8	5411253.1
L4370.0	504372.8	5411251.3	53700.10156	324.44	0	48.854214	-86.940389	56145.31	56239.3	10.65	56155.96	56153.71875	56074.09311	56078.65234	504372.8	5411251.3
L4370.0	504372.8	5411251.3	53700.19922	323.56	0	48.854214	-86.940389	56145.23	56239.3	10.66	56155.89	56153.59375	56072.05950	56076.50781	504372.8	5411251.3
L4370.0	504372.8	5411250.0	53700.30078	322.77	0	48.854201	-86.940389	56145.48	56239.3	10.66	56156.14	56153.79297	56076.86269	56081.20313	504372.8	5411250.0
L4370.0	504372.8	5411248.4	53700.39844	323.43	0	48.854187	-86.940390	56145.85	56239.3	10.67	56156.52	56154.12109	56084.09532	56088.32422	504372.8	5411248.4
L4370.0	504372.8	5411248.4	53700.50000	324.73	0	48.854187	-86.940390	56145.83	56239.3	10.67	56156.50	56154.04688	56081.35941	56085.47266	504372.8	5411248.4
L4370.0	504372.8	5411246.8	53700.60156	323.15	0	48.854173	-86.940390	56145.82	56239.3	10.67	56156.49	56153.98828	56078.20927	56082.20703	504372.8	5411246.8
L4370.0	504372.8	5411245.4	53700.69922	324.35	0	48.854160	-86.940390	56145.37	56239.3	10.68	56156.04	56153.49219	56064.07910	56067.96484	504372.8	5411245.4
L4370.0	504372.7	5411243.8	53700.80078	324.69	0	48.854146	-86.940390	56145.69	56239.3	10.68	56156.37	56153.77344	56067.59095	56071.35938	504372.7	5411243.8
L4370.0	504372.7	5411243.8	53700.80078	324.69	0	48.854146	-86.940390	56145.56	56239.3	10.68	56156.24	56153.59766	56059.63893	56063.28906	504372.7	5411243.8
L4370.0	504372.8	5411242.4	53701.00000	324.95	0	48.854134	-86.940390	56146.30	56239.3	10.69	56156.99	56154.30469	56071.73391	56075.26563	504372.8	5411242.4
L4370.0	504372.7	5411241.1	53701.10156	324.41	0	48.854121	-86.940390	56146.82	56239.3	10.69	56157.51	56154.78125	56077.76895	56081.17969	504372.7	5411241.1
L4370.0	504372.7	5411239.7	53701.19922	323.17	0	48.854109	-86.940390	56147.36	56239.3	10.70	56158.06	56155.28906	56083.85621	56087.14844	504372.7	5411239.7
L4370.0	504372.7	5411239.7	53701.30078	323.00	0	48.854109	-86.940390	56146.90	56239.3	10.70	56157.60	56154.78906	56065.45168	56068.62109	504372.7	5411239.7
L4370.0	504372.7	5411238.3	53701.39844	321.36	0	48.854096	-86.940390	56147.01	56239.3	10.70	56157.71	56154.86328	56059.81800	56062.86719	504372.7	5411238.3
L4370.0	504372.7	5411237.0	53701.50000	321.55	0	48.854085	-86.940390	56147.33	56239.3	10.71	56158.03	56155.14453	56058.47968	56061.40625	504372.7	5411237.0
L4370.0	504372.7	5411235.3	53701.60156	322.31	0	48.854069	-86.940390	56148.06	56239.3	10.71	56158.77	56155.85156	56066.41477	56069.21875	504372.7	5411235.3
L4370.0	504372.7	5411233.9	53701.69922	322.72	0	48.854057	-86.940391	56149.26	56239.3	10.71	56159.97	56157.01953	56084.57956	56087.26172	504372.7	5411233.9
L4370.0	504372.7	5411233.9	53701.80078	324.07	0	48.854057	-86.940391	56150.07	56239.3	10.71	56160.78	56157.79688	56092.88375	56095.44141	504372.7	5411233.9
L4370.0	504372.7	5411232.6	53701.89844	324.06	0	48.854045	-86.940391	56150.62	56239.3	10.72	56161.34	56158.32813	56094.64080	56097.07422	504372.7	5411232.6
L4370.0	504372.7	5411232.6	53702.00000	325.72	0	48.854045	-86.940391	56151.15	56239.3	10.72	56161.87	56158.83203	56095.05646	56097.36719	504372.7	5411232.6
L4370.0	504372.7	5411231.0	53702.10156	324.16	0	48.854030	-86.940391	56151.54	56239.3	10.72	56162.26	56159.19531	56091.54513	56093.73047	504372.7	5411231.0
L4370.0	504372.7	5411229.6	53702.19922	324.58	0	48.854018	-86.940391	56151.78	56239.3	10.73	56162.51	56159.42188	56084.12715	56086.19141	504372.7	5411229.6
L4370.0	504372.7	5411227.9	53702.30078	325.07	0	48.854003	-86.940391	56152.17	56239.3	10.73	56162.90	56159.78906	56079.40665	56081.34766	504372.7	5411227.9
L4370.0	504372.7	5411226.5	53702.39844	325.13	0	48.853990	-86.940391	56152.84	56239.3	10.74	56163.58	56160.45313	56080.89432	56082.71094	504372.7	5411226.5
L4370.0	504372.7	5411226.5	53702.50000	326.40	0	48.853990	-86.940391	56153.46	56239.3	10.74	56164.20	56161.05469	56080.36706	56082.05859	504372.7	5411226.5
L4370.0	504372.7	5411224.8	53702.60156	324.97	0	48.853975	-86.940391	56154.31	56239.3	10.74	56165.05	56161.89063	56084.61538	56086.18359	504372.7	5411224.8
L4370.0	504372.7	5411223.6	53702.69922	323.55	0	48.853964	-86.940391	56155.33	56239.3	10.75	56166.08	56162.90625	56092.44581	56093.89453	504372.7	5411223.6
L4370.0	504372.7	5411222.2	53702.80078	323.56	0	48.853952	-86.940391	56156.29	56239.2	10.75	56167.04	56163.85547	56098.02260	56099.34766	504372.7	5411222.2
L4370.0	504372.7	5411222.2	53702.80078	323.56	0	48.853952	-86.940391	56156.99	56239.2	10.75	56167.74	56164.54688	56096.94999	56098.15625	504372.7	5411222.2
L4370.0	504372.7	5411220.9	53703.00000	320.92	0	48.853940	-86.940391	56157.90	56239.2	10.76	56168.66	56165.46094	56100.39908	56101.48438	504372.7	5411220.9
L4370.0	504372.7	5411219.0	53703.10156	322.01	0	48.853922	-86.940391	56158.57	56239.2	10.76	56169.33	56166.12500	56097.46157	56098.42578	504372.7	5411219.0
L4370.0	504372.7	5411219.0	53703.19922	321.89	0	48.853922	-86.940391	56159.63	56239.2	10.76	56170.39	56167.18359	56102.98814	56103.83594	504372.7	5411219.0
L4370.0	504372.7	5411217.8	53703.30078	323.61	0	48.853912	-86.940391	56160.69	56239.2	10.77	56171.46	56168.25391	56108.17567	56108.90625	504372.7	5411217.8
L4370.0	504372.7	5411215.9	53703.39844	323.46	0	48.853895	-86.940391	56161.97	56239.2	10.77	56172.74	56169.53516	56117.67856	56118.28906	504372.7	5411215.9
L4370.0	504372.7	5411215.9	53703.50000	322.85	0	48.853895	-86.940391	56163.22	56239.2	10.77	56173.99	56170.79297	56125.95730	56126.45313	504372.7	5411215.9
L4370.0	504372.7	5411214.8	53703.60156	321.67	0	48.853885	-86.940391	56164.39	56239.2	10.77	56175.16	56171.96875	56131.86793	56132.25000	504372.7	5411214.8
L4370.0	504372.7	5411213.6	53703.69922	321.13	0	48.853875	-86.940391	56165.37	56239.2	10.77	56176.14	56172.95703	56132.85478	56133.12500	504372.7	5411213.6
L4370.0	504372.7	5411212.5	53703.80078	322.10	0	48.853864	-86.940391	56166.07	56239.2	10.78	56176.84	56173.66797	56126.79133	56126.94922	504372.7	5411212.5
L4370.0	504372.7	5411210.7	53703.89844	323.99	0	48.853848	-86.940391	56167.75	56239.2	10.78	56178.53	56175.37109	56143.43969	56143.48828	504372.7	5411210.7
L4370.0	504372.7	5411209.3	53704.00000	324.36	0	48.853835	-86.940390	56168.33	56239.2	10.78	56179.11	56175.96875	56133.57473	56133.51172	504372.7	5411209.3
L4370.0	504372.7	5411209.3	53704.10156	324.02	0	48.853835	-86.940390	56169.12	56239.2	10.78	56179.90	56176.77734	56128.13716	56127.96875	504372.7	5411209.3
L4370.0	504372.8	5411207.2	53704.19922	324.15	0	48.853817	-86.940390	56169.86	56239.2	10.78	56180.65	56177.54688	56121.25147	56120.97656	504372.8	5411207.2
L4370.0	504372.8	5411205.6	53704.30078	324.53	0	48.853803	-86.940390	56171.31	56239.2	10.79	56182.10	56179.01953	56130.59770	56130.21875	504372.8	5411205.6
L4370.0	504372.8	5411205.6	53704.39844	324.80	0	48.853803	-86.940390	56173.04	56239.2	10.79	56183.83	56180.77734	56146.34443	56145.86328	504372.8	5411205.6
L4370.0	504372.8	5411204.3	53704.50000	324.43	0	48.853790	-86.940389	56174.47	56239.2	10.79	56185.26	56182.23438	56154.61098	56154.02734	504372.8	5411204.3
L4370.0	504372.8	5411202.9	53704.60156	324.85	0	48.853778	-86.940389	56175.34	56239.2	10.79	56186.13	56183.13281	56149.01206	56148.32813	504372.8	5411202.9
L4370.0	504372.9	5411201.6	53704.69922	326.93	0	48.853766	-86.940389	56175.81	56239.2	10.79	56186.60	56183.63281	56133.28637	56132.50781	504372.9	5411201.6
L4370.0	504372.9	5411201.6	53704.80078	326.61	0	48.853766	-86.940389	56177.69	56239.2	10.80	56188.48	56185.54688	56151.52883	56150.65625	504372.9	5411201.6
L4370.0	504372.9	5411199.5	53704.80078	326.61	0	48.853747	-86.940388	56178.31	56239.2	10.80	56189.11	56186.21484	56138.98536	56138.01563	504372.9	5411199.5
L4370.0	504372.9	5411199.5	53705.00000	326.32	0	48.853747	-86.940388	56180.12	56239.2	10.80	56190.92	56188.06250	56155.03373	56153.97266	504372.9	5411199.5
L4370.0	504372.9	5411197.3	53705.10156	327.00	0	48.853727	-86.940388	56181.41	56239.2	10.80	56192.21	56189.39453	56158.09531	56156.94531	504372.9	5411197.3
L4370.0	504372.9	5411196.1	53705.19922	326.68	0	48.853717	-86.940388	56183.02	56239.2	10.80	56193.83	56191.05469	56169.00984	56167.77344	504372.9	5411196.1
L4370.0	504372.9	5411194.5	53705.30078	326.08	0	48.853703	-86.940388	56184.51	56239.2	10.80	56195.32	56192.58984	56176.48683	56175.16797	504372.9	5411194.5
L4370.0	504372.9	5411194.5	53705.39844	325.46	0	48.853703	-86.940388	56185.73	56239.2	10.80	56196.53	56193.84766	56176.85538	56175.45313	504372.9	5411194.5
L4370.0	504372.9	5411192.4	53705.50000	325.34	0	48.853684	-86.940388	56186.97	56239.2	10.81	56197.78	56195.14453	56177.98823	56176.50391	504372.9	5411192.4
L4370.0	504372.9	5411190.8	53705.60156	323.36	0	48.853670	-86.940388	56187.90	56239.2	10.81	56198.71	56196.12500	56171.12199	56169.55859	504372.9	5411190.8
L4370.0	504372.9	5411190.8	53705.69922	324.26	0	48.853670	-86.940388	56189.38	56239.2	10.81	56200.18	56197.64844	56177.24332	56175.60547	504372.9	5411190.8
L4370.0	504372.9	5411189.2	53705.80078	325.61	0	48.853655	-86.940388	56190.18	56239.2	10.81	56200.99	56198.51172	56167.20865	56165.49609	504372.9	5411189.2
L4370.0	504372.9	5411187.8	53705.89844	325.45	0	48.853642	-86.940388	56192.03	56239.2	10.81	56202.84	56200.41797	56182.12979	56180.34766	504372.9	5411187.8
L4370.0	504372.9	5411187.8	53706.00000	324.64	0	48.853642	-86.940388	56193.22	56239.2	10.81	56204.03	56201.66797	56180.98568	56179.13281	504372.9	5411187.8
L4370.0	504372.9	5411185.8	53706.10156	324.88	0	48.853624	-86.940388	56194.80	56239.2	10.81	56205.62	56203.31641	56189.23829	56187.32031	504372.9	5411185.8
L4370.0	504372.9	5411184.2	53706.19922	325.72	0	48.853609	-86.940388	56196.04	56239.2	10.82	56206.86	56204.61719	56189.02348	56187.04297	504372.9	5411184.2
L4370.0	504372.9	5411184.2	53706.30078	324.44	0	48.853609	-86.940388	56197.59	56239.2	10.82	56208.42	56206.24219	56196.22849	56194.18750	504372.9	5411184.2
L4370.0	504372.9	5411182.6	53706.39844	323.35	0	48.853595	-86.940388	56198.50	56239.2	10.83	56209.33	56207.21875	56188.10374	56186.00391	504372.9	5411182.6
L4370.0	504372.9	5411181.3	53706.50000	322.92	0	48.853583	-86.940388	56199.69	56239.2	10.83	56210.53	56208.48438	56186.73052	56184.57422	504372.9	5411181.3
L4370.0	504372.9	5411181.3	53706.60156	321.26	0	48.853583	-86.940388	56200.76	56239.2	10.84	56211.60	56209.62109	56182.31177	56180.10156	504372.9	5411181.3
L4370.0	504372.9	5411179.7	53706.69922	321.95	0	48.853569	-86.940389	56201.65	56239.2	10.85	56212.49	56210.58203	56173.75140	56171.49219	504372.9	5411179.7
L4370.0	504372.9	5411178.3	53706.80078	322.66	0	48.853557	-86.940389	56203.36	56239.2	10.85	56214.21	56212.37500	56184.20243	56181.89453	504372.9	5411178.3
L4370.0	504372.9	5411178.3	53706.80078	322.66	0	48.853557	-86.940389	56204.90	56239.2	10.85	56215.75	56213.98438	56190.43791	56188.08203	504372.9	5411178.3
L4370.0	504372.8	5411176.5	53707.00000	322.50	0	48.853540	-86.940389	56206.99	56239.1	10.86	56217.85	56216.16016	56209.32577	56206.92969	504372.8	5411176.5
L4370.0	504372.8	5411175.3	53707.10156	321.52	0	48.853530	-86.940390	56208.38	56239.1	10.86	56219.24	56217.62500	56212.02692	56209.58984	504372.8	5411175.3
L4370.0	504372.8	5411173.7	53707.19922	322.11	0	48.853516	-86.940390	56209.86	56239.1	10.86	56220.72	56219.18359	56216.76179	56214.28516	504372.8	5411173.7
L4370.0	504372.8	5411173.7	53707.30078	323.01	0	48.853516	-86.940390	56210.89	56239.1	10.86	56221.76	56220.30078	56211.58361	56209.07422	504372.8	5411173.7
L4370.0	504372.8	5411172.2	53707.39844	323.04	0	48.853502	-86.940390	56212.27	56239.1	10.86	56223.13	56221.75000	56213.88731	56211.34375	504372.8	5411172.2
L4370.0	504372.8	5411170.5	53707.50000	322.27	0	48.853486	-86.940390	56214.11	56239.1	10.86	56224.97	56223.66797	56226.80515	56224.23438	504372.8	5411170.5
L4370.0	504372.8	5411169.5	53707.60156	322.95	0	48.853477	-86.940390	56215.18	56239.1	10.87	56226.05	56224.82813	56222.67816	56220.07813	504372.8	5411169.5
L4370.0	504372.8	5411169.5	53707.69922	324.75	0	48.853477	-86.940390	56216.99	56239.1	10.87	56227.86	56226.72266	56235.03410	56232.41016	504372.8	5411169.5
L4370.0	504372.8	5411168.1	53707.80078	324.87	0	48.853465	-86.940391	56217.81	56239.1	10.87	56228.68	56227.62500	56225.21715	56222.57422	504372.8	5411168.1
L4370.0	504372.8	5411166.4	53707.89844	325.87	0	48.853450	-86.940391	56219.32	56239.1	10.87	56230.19	56229.21875	56231.00432	56228.34375	504372.8	5411166.4
L4370.0	504372.8	5411166.4	53708.00000	325.10	0	48.853450	-86.940391	56220.52	56239.1	10.87	56231.39	56230.50391	56229.92561	56227.24609	504372.8	5411166.4
L4370.0	504372.8	5411163.5	53708.10156	324.46	0	48.853423	-86.940391	56222.25	56239.1	10.87	56233.13	56232.32813	56241.11241	56238.41797	504372.8	5411163.5
L4370.0	504372.8	5411163.5	53708.19922	322.76	0	48.853423	-86.940391	56223.73	56239.1	10.88	56234.60	56233.88281	56246.35485	56243.65234	504372.8	5411163.5
L4370.0	504372.8	5411163.5	53708.30078	321.46	0	48.853423	-86.940391	56225.11	56239.1	10.88	56235.99	56235.35938	56249.93379	56247.22266	504372.8	5411163.5
L4370.0	504372.7	5411162.0	53708.39844	319.47	0	48.853410	-86.940391	56226.28	56239.1	10.88	56237.16	56236.61719	56248.70395	56245.98828	504372.7	5411162.0
L4370.0	504372.7	5411160.1	53708.50000	321.09	0	48.853393	-86.940391	56227.23	56239.1	10.89	56238.12	56237.66406	56242.90141	56240.17969	504372.7	5411160.1
L4370.0	504372.7	5411160.1	53708.60156	322.46	0	48.853393	-86.940391	56228.93	56239.1	10.89	56239.82	56239.44922	56253.92409	56251.20313	504372.7	5411160.1
L4370.0	504372.7	5411158.3	53708.69922	325.11	0	48.853377	-86.940391	56229.80	56239.1	10.89	56240.69	56240.41016	56246.44399	56243.72656	504372.7	5411158.3
L4370.0	504372.7	5411156.9	53708.80078	324.38	0	48.853365	-86.940392	56231.59	56239.1	10.89	56242.48	56242.28516	56259.83175	56257.11719	504372.7	5411156.9
L4370.0	504372.7	5411155.4	53708.80078	324.38	0	48.853351	-86.940392	56232.33	56239.1	10.89	56243.22	56243.11328	56249.83007	56247.12500	504372.7	5411155.4
L4370.0	504372.7	5411155.4	53709.00000	322.99	0	48.853351	-86.940392	56234.20	56239.1	10.90	56245.10	56245.08203	56265.59797	56262.89844	504372.7	5411155.4
L4370.0	504372.6	5411153.3	53709.10156	322.96	0	48.853332	-86.940393	56235.12	56239.1	10.90	56246.02	56246.09375	56260.06848	56257.38281	504372.6	5411153.3
L4370.0	504372.6	5411152.1	53709.19922	321.07	0	48.853321	-86.940393	56236.58	56239.1	10.90	56247.48	56247.64063	56266.83569	56264.16406	504372.6	5411152.1

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4370.0	504372.6	5411152.1	53709.30078	321.02	0	48.853321	-86.940393	56237.98	56239.1	10.90	56248.88	56249.12891	56272.47703	56269.82031	504372.6	5411152.1
L4370.0	504372.6	5411150.5	53709.39844	322.19	0	48.853307	-86.940394	56238.81	56239.1	10.90	56249.71	56250.04688	56265.67585	56263.03906	504372.6	5411150.5
L4370.0	504372.5	5411149.0	53709.50000	322.31	0	48.853294	-86.940394	56240.24	56239.1	10.90	56251.14	56251.56641	56272.46129	56269.84375	504372.5	5411149.0
L4370.0	504372.5	5411147.7	53709.60156	323.45	0	48.853281	-86.940394	56240.96	56239.1	10.91	56251.87	56252.38281	56263.99676	56261.40234	504372.5	5411147.7
L4370.0	504372.5	5411147.7	53709.69922	323.46	0	48.853281	-86.940394	56242.87	56239.1	10.91	56253.78	56254.38281	56281.88843	56279.32031	504372.5	5411147.7
L4370.0	504372.5	5411146.0	53709.80078	321.03	0	48.853266	-86.940395	56243.48	56239.1	10.91	56254.39	56255.07813	56271.35306	56268.81641	504372.5	5411146.0
L4370.0	504372.4	5411144.3	53709.89844	319.50	0	48.853251	-86.940395	56245.07	56239.1	10.91	56255.98	56256.75391	56282.69854	56280.19141	504372.4	5411144.3
L4370.0	504372.4	5411142.7	53710.00000	320.61	0	48.853236	-86.940396	56246.39	56239.1	10.91	56257.30	56258.16016	56288.38172	56285.90625	504372.4	5411142.7
L4370.0	504372.4	5411141.2	53710.10156	321.11	0	48.853223	-86.940396	56247.69	56239.1	10.91	56258.60	56259.54688	56293.92484	56291.48047	504372.4	5411141.2
L4370.0	504372.4	5411141.2	53710.19922	323.41	0	48.853223	-86.940396	56248.31	56239.1	10.91	56259.22	56260.25391	56284.87632	56282.46875	504372.4	5411141.2
L4370.0	504372.3	5411139.4	53710.30078	323.23	0	48.853207	-86.940397	56249.07	56239.1	10.91	56259.98	56261.09766	56279.22995	56276.86328	504372.3	5411139.4
L4370.0	504372.3	5411139.4	53710.39844	322.09	0	48.853207	-86.940397	56250.05	56239.1	10.91	56260.96	56262.16016	56278.73610	56276.41016	504372.3	5411139.4
L4370.0	504372.3	5411138.0	53710.50000	320.83	0	48.853195	-86.940397	56251.06	56239.1	10.91	56261.97	56263.25391	56279.23592	56276.94922	504372.3	5411138.0
L4370.0	504372.3	5411136.4	53710.60156	321.91	0	48.853180	-86.940398	56252.69	56239.1	10.91	56263.60	56264.96875	56293.70417	56291.46094	504372.3	5411136.4
L4370.0	504372.3	5411135.2	53710.69922	321.46	0	48.853169	-86.940398	56253.85	56239.1	10.91	56264.76	56266.20703	56298.23045	56296.03516	504372.3	5411135.2
L4370.0	504372.3	5411135.2	53710.80078	321.43	0	48.853169	-86.940398	56254.99	56239.1	10.91	56265.90	56267.42969	56302.70013	56300.55469	504372.3	5411135.2
L4370.0	504372.2	5411133.3	53710.80078	321.43	0	48.853152	-86.940398	56255.40	56239.1	10.91	56266.31	56267.91797	56291.39610	56289.30078	504372.2	5411133.3
L4370.0	504372.2	5411133.3	53711.00000	322.01	0	48.853152	-86.940398	56257.09	56239.1	10.91	56268.00	56269.68750	56308.83902	56306.79297	504372.2	5411133.3
L4370.0	504372.2	5411131.7	53711.10156	320.91	0	48.853137	-86.940398	56257.36	56239.1	10.91	56268.27	56270.03516	56295.09783	56293.10156	504372.2	5411131.7
L4370.0	504372.2	5411130.1	53711.19922	322.06	0	48.853123	-86.940399	56258.90	56239.1	10.91	56269.81	56271.65234	56310.08782	56308.14844	504372.2	5411130.1
L4370.0	504372.2	5411130.1	53711.30078	320.94	0	48.853123	-86.940399	56259.71	56239.1	10.91	56270.63	56272.54688	56309.37758	56307.49219	504372.2	5411130.1
L4370.0	504372.2	5411128.5	53711.39844	323.09	0	48.853108	-86.940399	56260.50	56239.1	10.91	56271.41	56273.40234	56308.13978	56306.31250	504372.2	5411128.5
L4370.0	504372.2	5411126.8	53711.50000	323.65	0	48.853094	-86.940399	56261.36	56239.1	10.91	56272.27	56274.33203	56309.09535	56307.32813	504372.2	5411126.8
L4370.0	504372.1	5411125.2	53711.60156	324.20	0	48.853079	-86.940399	56262.06	56239.1	10.91	56272.97	56275.10547	56306.79555	56305.08594	504372.1	5411125.2
L4370.0	504372.1	5411125.2	53711.69922	324.55	0	48.853079	-86.940399	56263.31	56239.1	10.91	56274.22	56276.42578	56317.48063	56315.83203	504372.1	5411125.2
L4370.0	504372.1	5411123.9	53711.80078	324.03	0	48.853067	-86.940400	56263.90	56239.1	10.91	56274.81	56277.08594	56313.45020	56311.86719	504372.1	5411123.9
L4370.0	504372.1	5411122.2	53711.89844	324.01	0	48.853052	-86.940400	56264.91	56239.1	10.91	56275.82	56278.16016	56319.49296	56317.97266	504372.1	5411122.2
L4370.0	504372.1	5411122.2	53712.00000	324.26	0	48.853052	-86.940400	56265.38	56239.1	10.91	56276.29	56278.69922	56313.44399	56311.98828	504372.1	5411122.2
L4370.0	504372.1	5411120.4	53712.10156	323.60	0	48.853036	-86.940401	56266.07	56239.1	10.91	56276.98	56279.45313	56312.87288	56311.48438	504372.1	5411120.4
L4370.0	504372.0	5411118.8	53712.19922	324.75	0	48.853022	-86.940401	56266.61	56239.1	10.91	56277.52	56280.05469	56309.19629	56307.87500	504372.0	5411118.8
L4370.0	504372.0	5411117.6	53712.30078	324.89	0	48.853011	-86.940401	56267.36	56239.1	10.91	56278.27	56280.86719	56310.81631	56309.56250	504372.0	5411117.6
L4370.0	504372.0	5411117.6	53712.39844	325.81	0	48.853011	-86.940401	56268.34	56239.1	10.91	56279.25	56281.91016	56318.23130	56317.04688	504372.0	5411117.6
L4370.0	504372.0	5411116.0	53712.50000	325.84	0	48.852996	-86.940402	56269.03	56239.1	10.91	56279.94	56282.65625	56319.26189	56318.14844	504372.0	5411116.0
L4370.0	504372.0	5411114.6	53712.60156	323.65	0	48.852984	-86.940402	56269.93	56239.1	10.91	56280.84	56283.61328	56325.61394	56324.57031	504372.0	5411114.6
L4370.0	504372.0	5411114.6	53712.69922	323.83	0	48.852984	-86.940402	56270.25	56239.1	10.91	56281.16	56283.99219	56318.76306	56317.79297	504372.0	5411114.6
L4370.0	504371.9	5411113.2	53712.80078	323.47	0	48.852971	-86.940402	56270.99	56239.1	10.91	56281.90	56284.78516	56322.15463	56321.25781	504371.9	5411113.2
L4370.0	504371.9	5411111.8	53712.80078	323.47	0	48.852959	-86.940402	56271.33	56239.1	10.91	56282.24	56285.17578	56316.58243	56315.75781	504371.9	5411111.8
L4370.0	504371.9	5411110.4	53713.00000	324.07	0	48.852946	-86.940403	56272.17	56239.1	10.91	56283.08	56286.06641	56323.09408	56322.34375	504371.9	5411110.4
L4370.0	504371.9	5411110.4	53713.10156	325.03	0	48.852946	-86.940403	56273.32	56239.1	10.91	56284.23	56287.26563	56337.18553	56336.50781	504371.9	5411110.4
L4370.0	504371.9	5411108.6	53713.19922	325.18	0	48.852929	-86.940403	56274.06	56239.1	10.91	56284.97	56288.05469	56342.07509	56341.46875	504371.9	5411108.6
L4370.0	504371.9	5411106.9	53713.30078	325.29	0	48.852915	-86.940403	56274.41	56239.1	10.91	56285.32	56288.44922	56338.29700	56337.76953	504371.9	5411106.9
L4370.0	504371.9	5411106.9	53713.39844	323.86	0	48.852915	-86.940403	56274.34	56239.1	10.91	56285.25	56288.42188	56325.24207	56324.78906	504371.9	5411106.9
L4370.0	504371.9	5411105.1	53713.50000	322.86	0	48.852898	-86.940403	56274.90	56239.1	10.90	56285.80	56289.01563	56326.90478	56326.52734	504371.9	5411105.1
L4370.0	504371.9	5411105.1	53713.60156	323.54	0	48.852898	-86.940403	56275.13	56239.1	10.90	56286.03	56289.28516	56321.60507	56321.30078	504371.9	5411105.1
L4370.0	504371.9	5411103.2	53713.69922	321.43	0	48.852882	-86.940403	56275.72	56239.1	10.90	56286.62	56289.91406	56324.93014	56324.70313	504371.9	5411103.2
L4370.0	504371.9	5411101.4	53713.80078	322.34	0	48.852865	-86.940403	56276.27	56239.1	10.90	56287.17	56290.50391	56327.69018	56327.53906	504371.9	5411101.4
L4370.0	504371.9	5411101.4	53713.89844	322.42	0	48.852865	-86.940403	56277.09	56239.1	10.90	56287.99	56291.35547	56336.90832	56336.83203	504371.9	5411101.4
L4370.0	504371.9	5411099.9	53714.00000	322.64	0	48.852852	-86.940403	56277.40	56239.1	10.90	56288.30	56291.69922	56334.90745	56334.90625	504371.9	5411099.9
L4370.0	504371.9	5411098.5	53714.10156	324.36	0	48.852839	-86.940403	56277.66	56239.1	10.90	56288.56	56291.99219	56332.14311	56332.21875	504371.9	5411098.5
L4370.0	504371.9	5411097.3	53714.19922	322.99	0	48.852828	-86.940404	56278.04	56239.1	10.90	56288.95	56292.41406	56332.65104	56332.80078	504371.9	5411097.3
L4370.0	504371.9	5411097.3	53714.30078	320.84	0	48.852828	-86.940404	56278.37	56239.1	10.90	56289.27	56292.76172	56331.92049	56332.14844	504371.9	5411097.3
L4370.0	504371.8	5411095.7	53714.39844	321.24	0	48.852813	-86.940404	56278.72	56239.1	10.90	56289.63	56293.14844	56332.40689	56332.70703	504371.8	5411095.7
L4370.0	504371.8	5411094.1	53714.50000	321.26	0	48.852799	-86.940404	56278.86	56239.1	10.91	56289.76	56293.30078	56328.08580	56328.46094	504371.8	5411094.1
L4370.0	504371.8	5411094.1	53714.60156	321.43	0	48.852799	-86.940404	56279.19	56239.1	10.91	56290.09	56293.65625	56328.52524	56328.97266	504371.8	5411094.1
L4370.0	504371.8	5411092.6	53714.69922	321.48	0	48.852786	-86.940404	56279.06	56239.1	10.91	56289.96	56293.54688	56319.06826	56319.58984	504371.8	5411092.6
L4370.0	504371.8	5411091.0	53714.80078	322.86	0	48.852771	-86.940405	56279.29	56239.1	10.91	56290.20	56293.80859	56318.10615	56318.70313	504371.8	5411091.0
L4370.0	504371.8	5411089.3	53714.80078	322.86	0	48.852756	-86.940405	56279.62	56239.1	10.91	56290.53	56294.15625	56319.40097	56320.07031	504371.8	5411089.3
L4370.0	504371.8	5411088.1	53715.00000	321.98	0	48.852746	-86.940405	56280.16	56239.1	10.91	56291.07	56294.71094	56325.57329	56326.31641	504371.8	5411088.1
L4370.0	504371.8	5411088.1	53715.10156	320.56	0	48.852746	-86.940405	56280.36	56239.1	10.91	56291.27	56294.92578	56324.49764	56325.30859	504371.8	5411088.1
L4370.0	504371.8	5411086.5	53715.19922	321.82	0	48.852731	-86.940405	56280.18	56239.1	10.91	56291.09	56294.75781	56315.31607	56316.19922	504371.8	5411086.5
L4370.0	504371.7	5411085.0	53715.30078	321.62	0	48.852718	-86.940405	56280.36	56239.1	10.90	56291.26	56294.94141	56314.05775	56315.01172	504371.7	5411085.0
L4370.0	504371.7	5411085.0	53715.39844	322.48	0	48.852718	-86.940405	56280.54	56239.1	10.90	56291.44	56295.12891	56313.23324	56314.25391	504371.7	5411085.0
L4370.0	504371.7	5411083.3	53715.50000	323.20	0	48.852702	-86.940405	56281.16	56239.1	10.90	56292.06	56295.75781	56322.24318	56323.33203	504371.7	5411083.3
L4370.0	504371.7	5411081.9	53715.60156	323.82	0	48.852690	-86.940405	56281.15	56239.1	10.90	56292.05	56295.75391	56317.64779	56318.80469	504371.7	5411081.9
L4370.0	504371.7	5411081.9	53715.69922	324.98	0	48.852690	-86.940405	56281.41	56239.1	10.90	56292.31	56296.01953	56319.14008	56320.35938	504371.7	5411081.9
L4370.0	504371.8	5411080.0	53715.80078	323.88	0	48.852673	-86.940405	56281.02	56239.1	10.89	56291.91	56295.62109	56306.38165	56307.66797	504371.8	5411080.0
L4370.0	504371.8	5411078.1	53715.89844	322.15	0	48.852655	-86.940405	56281.25	56239.1	10.89	56292.14	56295.85547	56307.54850	56308.89844	504371.8	5411078.1
L4370.0	504371.8	5411078.1	53716.00000	322.28	0	48.852655	-86.940405	56281.31	56239.1	10.89	56292.20	56295.91406	56305.14986	56306.56250	504371.8	5411078.1
L4370.0	504371.8	5411076.6	53716.10156	322.15	0	48.852642	-86.940405	56281.53	56239.1	10.89	56292.42	56296.13281	56306.37863	56307.85156	504371.8	5411076.6
L4370.0	504371.8	5411075.0	53716.19922	322.53	0	48.852627	-86.940405	56282.00	56239.1	10.88	56292.88	56296.58984	56312.96762	56314.50000	504371.8	5411075.0
L4370.0	504371.8	5411075.0	53716.30078	322.03	0	48.852627	-86.940405	56281.89	56239.1	10.88	56292.76	56296.46484	56307.01555	56308.60547	504371.8	5411075.0
L4370.0	504371.8	5411073.3	53716.39844	322.00	0	48.852612	-86.940404	56282.02	56239.1	10.87	56292.89	56296.58984	56306.62215	56308.26953	504371.8	5411073.3
L4370.0	504371.8	5411071.4	53716.50000	321.88	0	48.852595	-86.940404	56281.59	56239.1	10.87	56292.46	56296.15234	56294.09445	56295.79688	504371.8	5411071.4
L4370.0	504371.8	5411070.0	53716.60156	321.46	0	48.852582	-86.940404	56282.14	56239.1	10.87	56293.01	56296.69531	56303.04688	56304.80469	504371.8	5411070.0
L4370.0	504371.8	5411070.0	53716.69922	320.81	0	48.852582	-86.940404	56282.10	56239.1	10.86	56292.96	56296.63281	56298.96467	56300.77344	504371.8	5411070.0
L4370.0	504371.8	5411068.1	53716.80078	321.45	0	48.852565	-86.940404	56282.58	56239.1	10.86	56293.44	56297.10156	56306.54182	56308.40234	504371.8	5411068.1
L4370.0	504371.8	5411066.9	53716.80078	321.45	0	48.852555	-86.940404	56282.48	56239.1	10.86	56293.33	56296.98047	56301.25585	56303.16797	504371.8	5411066.9
L4370.0	504371.8	5411065.5	53717.00000	321.10	0	48.852542	-86.940404	56282.81	56239.2	10.85	56293.66	56297.29688	56305.66218	56307.62109	504371.8	5411065.5
L4370.0	504371.8	5411065.5	53717.10156	323.92	0	48.852542	-86.940404	56283.20	56239.2	10.85	56294.04	56297.66016	56311.21968	56313.22266	504371.8	5411065.5
L4370.0	504371.8	5411064.4	53717.19922	321.91	0	48.852532	-86.940404	56282.98	56239.2	10.85	56293.83	56297.43359	56303.81479	56305.86328	504371.8	5411064.4
L4370.0	504371.9	5411062.8	53717.30078	322.98	0	48.852517	-86.940404	56283.29	56239.2	10.84	56294.14	56297.72656	56307.88633	56309.97656	504371.9	5411062.8
L4370.0	504371.9	5411061.6	53717.39844	322.04	0	48.852507	-86.940404	56282.56	56239.2	10.84	56293.40	56296.96875	56288.72971	56290.85938	504371.9	5411061.6
L4370.0	504371.9	5411061.6	53717.50000	322.38	0	48.852507	-86.940404	56283.29	56239.2	10.84	56294.13	56297.67969	56302.11239	56304.28125	504371.9	5411061.6
L4370.0	504371.9	5411060.2	53717.60156	321.17	0	48.852495	-86.940404	56283.27	56239.2	10.84	56294.10	56297.62891	56298.64049	56300.84375	504371.9	5411060.2
L4370.0	504371.9	5411058.9	53717.69922	318.67	0	48.852482	-86.940404	56284.04	56239.2	10.84	56294.87	56298.37500	56312.95951	56315.19922	504371.9	5411058.9
L4370.0	504371.9	5411057.5	53717.80078	318.57	0	48.852470	-86.940404	56283.32	56239.2	10.83	56294.15	56297.63281	56294.05234	56296.32422	504371.9	5411057.5
L4370.0	504371.9	5411057.5	53717.89844	320.20	0	48.852470	-86.940404	56283.58	56239.2	10.83	56294.41	56297.86719	56296.95492	56299.25781	504371.9	5411057.5
L4370.0	504371.9	5411055.7	53718.00000	322.63	0	48.852454	-86.940403	56283.95	56239.2	10.83	56294.78	56298.21484	56302.28684	56304.61719	504371.9	5411055.7
L4370.0	504371.9	5411054.1	53718.10156	323.29	0	48.852439	-86.940403	56284.42	56239.2	10.83	56295.25	56298.65625	56309.82041	56312.17578	504371.9	5411054.1
L4370.0	504371.9	5411054.1	53718.19922	325.68	0	48.852439	-86.940403	56285.10	56239.2	10.83	56295.93	56299.30859	56322.00936	56324.39063	504371.9	5411054.1
L4370.0	504371.9	5411052.5	53718.30078	325.44	0	48.852425	-86.940403	56285.06	56239.2	10.83	56295.89	56299.24219	56318.01215	56320.41406	504371.9	5411052.5
L4370.0	504372.0	5411051.0	53718.39844	325.63	0	48.852412	-86.940403	56285.01	56239.2	10.83	56295.83	56299.15234	56313.49902	56315.92188	504372.0	5411051.0
L4370.0	504372.0	5411051.0	53718.50000	326.49	0	48.852412	-86.940403	56284.57	56239.2	10.82	56295.39	56298.68359	56300.42108	56302.86328	504372.0	5411051.0

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4370.0	504371.9	5411049.1	53718.60156	324.18	0	48.852395	-86.940403	56284.70	56239.2	10.82	56295.53	56298.79297	56300.25346	56302.71094	504371.9	5411049.1
L4370.0	504372.0	5411047.5	53718.69922	322.12	0	48.852380	-86.940403	56284.49	56239.2	10.82	56295.31	56298.54297	56291.98444	56294.45313	504372.0	5411047.5
L4370.0	504372.0	5411047.5	53718.80078	323.03	0	48.852380	-86.940403	56284.68	56239.2	10.82	56295.50	56298.69922	56292.79278	56295.27344	504372.0	5411047.5
L4370.0	504371.9	5411046.4	53718.80078	323.03	0	48.852370	-86.940403	56285.01	56239.2	10.82	56295.83	56298.99609	56296.62503	56299.11328	504371.9	5411046.4
L4370.0	504371.9	5411045.0	53719.00000	320.69	0	48.852358	-86.940403	56285.32	56239.2	10.82	56296.14	56299.27344	56299.91109	56302.40625	504371.9	5411045.0
L4370.0	504371.9	5411043.1	53719.10156	322.20	0	48.852340	-86.940403	56285.62	56239.2	10.82	56296.44	56299.53906	56302.87059	56305.36719	504371.9	5411043.1
L4370.0	504371.9	5411043.1	53719.19922	322.63	0	48.852340	-86.940403	56285.74	56239.2	10.81	56296.55	56299.61328	56301.54290	56304.03906	504371.9	5411043.1
L4370.0	504371.9	5411041.7	53719.30078	321.57	0	48.852328	-86.940403	56285.88	56239.2	10.81	56296.69	56299.71875	56300.79061	56303.28516	504371.9	5411041.7
L4370.0	504371.9	5411039.9	53719.39844	321.99	0	48.852311	-86.940404	56286.28	56239.2	10.81	56297.08	56300.07031	56305.41170	56307.90234	504371.9	5411039.9
L4370.0	504371.9	5411038.4	53719.50000	323.05	0	48.852299	-86.940404	56286.58	56239.2	10.81	56297.39	56300.34375	56308.16558	56310.65234	504371.9	5411038.4
L4370.0	504371.9	5411038.4	53719.60156	322.97	0	48.852299	-86.940404	56286.61	56239.2	10.80	56297.42	56300.33594	56304.73432	56307.21094	504371.9	5411038.4
L4370.0	504371.9	5411036.4	53719.69922	322.15	0	48.852280	-86.940404	56286.97	56239.2	10.80	56297.77	56300.64844	56308.14713	56310.61328	504371.9	5411036.4
L4370.0	504371.9	5411036.4	53719.80078	321.20	0	48.852280	-86.940404	56287.58	56239.2	10.80	56298.37	56301.21094	56316.82482	56319.27734	504371.9	5411036.4
L4370.0	504371.9	5411034.8	53719.80078	321.20	0	48.852265	-86.940403	56287.82	56239.2	10.80	56298.61	56301.41016	56317.62575	56320.05859	504371.9	5411034.8
L4370.0	504371.9	5411033.5	53720.00000	321.10	0	48.852254	-86.940403	56287.25	56239.2	10.79	56298.04	56300.80078	56300.99977	56303.41406	504371.9	5411033.5
L4370.0	504371.9	5411031.9	53720.10156	320.82	0	48.852240	-86.940403	56286.92	56239.2	10.79	56297.71	56300.43359	56289.49525	56291.89063	504371.9	5411031.9
L4370.0	504371.9	5411031.9	53720.19922	321.04	0	48.852240	-86.940403	56287.07	56239.2	10.78	56297.85	56300.53125	56287.95512	56290.32422	504371.9	5411031.9
L4370.0	504372.0	5411030.0	53720.30078	321.91	0	48.852222	-86.940403	56287.58	56239.2	10.78	56298.36	56301.00000	56294.18377	56296.52734	504372.0	5411030.0
L4370.0	504372.0	5411030.0	53720.39844	322.57	0	48.852222	-86.940403	56288.25	56239.2	10.78	56299.02	56301.62109	56303.47944	56305.79297	504372.0	5411030.0
L4370.0	504372.0	5411028.6	53720.50000	322.74	0	48.852210	-86.940403	56288.86	56239.2	10.78	56299.63	56302.19141	56311.60440	56313.88672	504372.0	5411028.6
L4370.0	504372.0	5411027.1	53720.60156	321.53	0	48.852196	-86.940403	56289.57	56239.2	10.77	56300.34	56302.85938	56321.75863	56324.00391	504372.0	5411027.1
L4370.0	504372.0	5411027.1	53720.69922	320.43	0	48.852196	-86.940403	56289.12	56239.2	10.77	56299.89	56302.36719	56307.22074	56309.42969	504372.0	5411027.1
L4370.0	504372.0	5411025.6	53720.80078	320.19	0	48.852183	-86.940403	56289.42	56239.2	10.77	56300.18	56302.61328	56308.29375	56310.46484	504372.0	5411025.6
L4370.0	504372.0	5411023.9	53720.80078	320.19	0	48.852168	-86.940403	56288.99	56239.2	10.77	56299.76	56302.15234	56294.15341	56296.28125	504372.0	5411023.9
L4370.0	504372.0	5411022.3	53721.00000	320.83	0	48.852153	-86.940403	56289.04	56239.2	10.76	56299.80	56302.14844	56289.66951	56291.75000	504372.0	5411022.3
L4370.0	504372.0	5411022.3	53721.10156	321.20	0	48.852153	-86.940403	56288.61	56239.2	10.76	56299.36	56301.66406	56274.74653	56276.78125	504372.0	5411022.3
L4370.0	504372.0	5411020.9	53721.19922	321.64	0	48.852141	-86.940403	56289.19	56239.2	10.76	56299.94	56302.20313	56281.58530	56283.57031	504372.0	5411020.9
L4370.0	504372.0	5411019.4	53721.30078	322.01	0	48.852128	-86.940403	56289.90	56239.2	10.75	56300.65	56302.87109	56291.21014	56293.14063	504372.0	5411019.4
L4370.0	504372.0	5411017.9	53721.39844	321.28	0	48.852113	-86.940402	56291.13	56239.2	10.75	56301.89	56304.06641	56312.41188	56314.28906	504372.0	5411017.9
L4370.0	504372.0	5411017.9	53721.50000	319.70	0	48.852113	-86.940402	56291.74	56239.3	10.75	56302.49	56304.62109	56319.73551	56321.55469	504372.0	5411017.9
L4370.0	504372.0	5411016.7	53721.60156	319.91	0	48.852103	-86.940402	56291.72	56239.3	10.75	56302.47	56304.55859	56313.36739	56315.12500	504372.0	5411016.7
L4370.0	504372.1	5411015.2	53721.69922	320.66	0	48.852089	-86.940402	56292.30	56239.3	10.75	56303.05	56305.09375	56320.17131	56321.86719	504372.1	5411015.2
L4370.0	504372.1	5411015.2	53721.80078	320.61	0	48.852089	-86.940402	56292.36	56239.3	10.74	56303.10	56305.10156	56315.11240	56316.74609	504372.1	5411015.2
L4370.0	504372.1	5411013.8	53721.89844	323.40	0	48.852077	-86.940401	56292.81	56239.3	10.74	56303.56	56305.51563	56319.13134	56320.69531	504372.1	5411013.8
L4370.0	504372.1	5411012.3	53722.00000	324.69	0	48.852064	-86.940401	56292.69	56239.3	10.74	56303.43	56305.34375	56309.74974	56311.24219	504372.1	5411012.3
L4370.0	504372.1	5411012.3	53722.10156	326.26	0	48.852064	-86.940401	56293.45	56239.3	10.74	56304.18	56306.05078	56320.19746	56321.62109	504372.1	5411012.3
L4370.0	504372.1	5411010.5	53722.19922	326.84	0	48.852047	-86.940401	56293.48	56239.3	10.74	56304.21	56306.03516	56314.20540	56315.55469	504372.1	5411010.5
L4370.0	504372.2	5411009.1	53722.30078	324.35	0	48.852034	-86.940400	56294.09	56239.3	10.73	56304.82	56306.60156	56321.36409	56322.63672	504372.2	5411009.1
L4370.0	504372.2	5411007.4	53722.39844	323.59	0	48.852019	-86.940400	56294.06	56239.3	10.73	56304.79	56306.52734	56313.78884	56314.98047	504372.2	5411007.4
L4370.0	504372.2	5411007.4	53722.50000	324.34	0	48.852019	-86.940400	56294.40	56239.3	10.73	56305.13	56306.82422	56314.60581	56315.71484	504372.2	5411007.4
L4370.0	504372.2	5411005.8	53722.60156	325.69	0	48.852005	-86.940400	56294.83	56239.3	10.73	56305.56	56307.21094	56317.41191	56318.43750	504372.2	5411005.8
L4370.0	504372.2	5411003.9	53722.69922	326.86	0	48.851988	-86.940400	56294.57	56239.3	10.73	56305.30	56306.91016	56304.31378	56305.25391	504372.2	5411003.9
L4370.0	504372.2	5411003.9	53722.80078	326.08	0	48.851988	-86.940400	56295.29	56239.3	10.72	56306.01	56307.57422	56313.39499	56314.24609	504372.2	5411003.9
L4370.0	504372.2	5411002.5	53722.80078	326.08	0	48.851975	-86.940400	56295.45	56239.3	10.72	56306.17	56307.69141	56309.81433	56310.57422	504372.2	5411002.5
L4370.0	504372.2	5411000.9	53723.00000	323.70	0	48.851961	-86.940400	56296.16	56239.3	10.72	56306.88	56308.35938	56318.70531	56319.37500	504372.2	5411000.9
L4370.0	504372.2	5411000.9	53723.10156	325.69	0	48.851961	-86.940400	56296.06	56239.3	10.72	56306.78	56308.21484	56309.12392	56309.69922	504372.2	5411000.9
L4370.0	504372.2	5410999.1	53723.19922	323.58	0	48.851945	-86.940399	56296.85	56239.3	10.72	56307.56	56308.95313	56319.40747	56319.88672	504372.2	5410999.1
L4370.0	504372.2	5410997.3	53723.30078	323.23	0	48.851928	-86.940399	56297.48	56239.3	10.71	56308.19	56309.54297	56326.17209	56326.55078	504372.2	5410997.3
L4370.0	504372.2	5410997.3	53723.39844	321.43	0	48.851928	-86.940399	56297.92	56239.3	10.71	56308.63	56309.94141	56328.57850	56328.85938	504372.2	5410997.3
L4370.0	504372.3	5410995.5	53723.50000	321.01	0	48.851912	-86.940399	56298.12	56239.3	10.71	56308.83	56310.09766	56325.59500	56325.77344	504372.3	5410995.5
L4370.0	504372.3	5410994.2	53723.60156	320.89	0	48.851901	-86.940399	56297.76	56239.3	10.71	56308.47	56309.69531	56310.27359	56310.34766	504372.3	5410994.2
L4370.0	504372.3	5410992.6	53723.69922	321.27	0	48.851886	-86.940399	56299.12	56239.3	10.71	56309.83	56311.01563	56332.76288	56332.73047	504372.3	5410992.6
L4370.0	504372.3	5410992.6	53723.80078	320.67	0	48.851886	-86.940399	56299.45	56239.3	10.70	56310.15	56311.29297	56332.32774	56332.18750	504372.3	5410992.6
L4370.0	504372.3	5410991.4	53723.89844	321.10	0	48.851876	-86.940399	56300.24	56239.3	10.70	56310.94	56312.04297	56342.07593	56341.82813	504372.3	5410991.4
L4370.0	504372.3	5410990.0	53724.00000	319.97	0	48.851863	-86.940399	56300.52	56239.3	10.70	56311.22	56312.28125	56340.72022	56340.35938	504372.3	5410990.0
L4370.0	504372.3	5410990.0	53724.10156	320.87	0	48.851863	-86.940399	56300.95	56239.3	10.70	56311.65	56312.67188	56342.60591	56342.13281	504372.3	5410990.0
L4370.0	504372.3	5410988.3	53724.19922	322.18	0	48.851848	-86.940399	56300.93	56239.3	10.69	56311.63	56312.61328	56334.81176	56334.22656	504372.3	5410988.3
L4370.0	504372.3	5410986.9	53724.30078	322.23	0	48.851835	-86.940399	56300.55	56239.3	10.69	56311.24	56312.18359	56319.09103	56318.39063	504372.3	5410986.9
L4370.0	504372.3	5410986.9	53724.39844	323.88	0	48.851835	-86.940399	56301.31	56239.3	10.69	56312.00	56312.90625	56328.08556	56327.26563	504372.3	5410986.9
L4370.0	504372.3	5410984.9	53724.50000	321.18	0	48.851817	-86.940399	56301.34	56239.3	10.68	56312.03	56312.89453	56321.38294	56320.44531	504372.3	5410984.9
L4370.0	504372.3	5410983.5	53724.60156	321.21	0	48.851805	-86.940399	56302.07	56239.3	10.68	56312.76	56313.58594	56329.74641	56328.69141	504372.3	5410983.5
L4370.0	504372.3	5410982.1	53724.69922	323.71	0	48.851792	-86.940399	56301.39	56239.3	10.68	56312.07	56312.85938	56307.44068	56306.26563	504372.3	5410982.1
L4370.0	504372.3	5410982.1	53724.80078	323.60	0	48.851792	-86.940399	56301.84	56239.3	10.68	56312.52	56313.27344	56309.71882	56308.42188	504372.3	5410982.1
L4370.0	504372.3	5410980.1	53724.80078	323.60	0	48.851774	-86.940399	56301.88	56239.3	10.68	56312.56	56313.27344	56303.06595	56301.64453	504372.3	5410980.1
L4370.0	504372.3	5410978.8	53725.00000	321.81	0	48.851762	-86.940399	56302.52	56239.3	10.67	56313.19	56313.86719	56309.26753	56307.72266	504372.3	5410978.8
L4370.0	504372.3	5410977.6	53725.10156	321.70	0	48.851751	-86.940399	56303.33	56239.3	10.67	56314.00	56314.64063	56319.47844	56317.81250	504372.3	5410977.6
L4370.0	504372.3	5410977.6	53725.19922	321.29	0	48.851751	-86.940399	56304.09	56239.3	10.67	56314.76	56315.36719	56328.66763	56326.87500	504372.3	5410977.6
L4370.0	504372.3	5410975.7	53725.30078	321.29	0	48.851734	-86.940399	56304.73	56239.3	10.67	56315.40	56315.96875	56335.26473	56333.34766	504372.3	5410975.7
L4370.0	504372.2	5410974.1	53725.39844	321.16	0	48.851720	-86.940400	56304.73	56239.3	10.67	56315.40	56315.93359	56327.67982	56325.63281	504372.2	5410974.1
L4370.0	504372.2	5410974.1	53725.50000	321.73	0	48.851720	-86.940400	56305.32	56239.3	10.67	56315.99	56316.49219	56333.19917	56331.02734	504372.2	5410974.1
L4370.0	504372.2	5410972.7	53725.60156	323.19	0	48.851707	-86.940400	56305.08	56239.3	10.66	56315.75	56316.21484	56320.22451	56317.92578	504372.2	5410972.7
L4370.0	504372.2	5410971.0	53725.69922	324.25	0	48.851692	-86.940400	56306.19	56239.3	10.66	56316.85	56317.28125	56337.15541	56334.72656	504372.2	5410971.0
L4370.0	504372.2	5410971.0	53725.80078	324.03	0	48.851692	-86.940400	56306.36	56239.3	10.66	56317.03	56317.42969	56333.56383	56331.00781	504372.2	5410971.0
L4370.0	504372.2	5410969.6	53725.89844	324.04	0	48.851679	-86.940400	56307.24	56239.3	10.66	56317.90	56318.26563	56345.38542	56342.69922	504372.2	5410969.6
L4370.0	504372.2	5410968.3	53726.00000	323.31	0	48.851668	-86.940400	56307.46	56239.3	10.66	56318.13	56318.46484	56342.92946	56340.11328	504372.2	5410968.3
L4370.0	504372.2	5410968.3	53726.10156	322.58	0	48.851668	-86.940400	56307.56	56239.3	10.66	56318.22	56318.52344	56337.38898	56334.44531	504372.2	5410968.3
L4370.0	504372.2	5410966.6	53726.19922	323.13	0	48.851652	-86.940401	56308.25	56239.3	10.66	56318.91	56319.17969	56345.20817	56342.13281	504372.2	5410966.6
L4370.0	504372.2	5410964.9	53726.30078	324.10	0	48.851637	-86.940401	56308.08	56239.3	10.66	56318.74	56318.98047	56334.01424	56330.80859	504372.2	5410964.9
L4370.0	504372.2	5410963.6	53726.39844	325.59	0	48.851625	-86.940401	56308.92	56239.3	10.66	56319.57	56319.77734	56344.98141	56341.64844	504372.2	5410963.6
L4370.0	504372.2	5410963.6	53726.50000	324.78	0	48.851625	-86.940401	56308.76	56239.3	10.66	56319.42	56319.59766	56334.39503	56330.92969	504372.2	5410963.6
L4370.0	504372.1	5410962.1	53726.60156	324.12	0	48.851612	-86.940401	56309.96	56239.3	10.65	56320.61	56320.75781	56353.34028	56349.74609	504372.1	5410962.1
L4370.0	504372.1	5410960.6	53726.69922	321.92	0	48.851598	-86.940401	56309.82	56239.3	10.65	56320.47	56320.58984	56343.12484	56339.40234	504372.1	5410960.6
L4370.0	504372.1	5410960.6	53726.80078	322.17	0	48.851598	-86.940401	56310.14	56239.3	10.65	56320.79	56320.87891	56343.08084	56339.23047	504372.1	5410960.6
L4370.0	504372.1	5410958.7	53726.80078	322.17	0	48.851581	-86.940402	56310.12	56239.3	10.65	56320.77	56320.83203	56335.66787	56331.68750	504372.1	5410958.7
L4370.0	504372.1	5410957.2	53727.00000	320.57	0	48.851567	-86.940402	56310.80	56239.3	10.65	56321.45	56321.48438	56343.64600	56339.53906	504372.1	5410957.2
L4370.0	504372.1	5410955.5	53727.10156	320.51	0	48.851553	-86.940402	56311.19	56239.4	10.65	56321.84	56321.84766	56345.35179	56341.11719	504372.1	5410955.5
L4370.0	504372.1	5410955.5	53727.19922	319.90	0	48.851553	-86.940402	56311.32	56239.4	10.65	56321.97	56321.94922	56341.45359	56337.09375	504372.1	5410955.5
L4370.0	504372.1	5410954.1	53727.30078	320.29	0	48.851540	-86.940402	56311.60	56239.4	10.64	56322.24	56322.19531	56340.69622	56336.20703	504372.1	5410954.1
L4370.0	504372.0	5410952.5	53727.39844	319.99	0	48.851526	-86.940403	56311.68	56239.4	10.64	56322.32	56322.25000	56335.87266	56331.25781	504372.0	5410952.5
L4370.0	504372.0	5410952.5	53727.50000	320.48	0	48.851526	-86.940403	56312.68	56239.4	10.64	56323.32	56323.22266	56351.22246	56346.48438	504372.0	5410952.5
L4370.0	504372.0	5410951.1	53727.60156	321.74	0	48.851513	-86.940403	56312.72	56239.4	10.64	56323.36	56323.23828	56345.70046	56340.83984	504372.0	5410951.1
L4370.0	504372.0	5410949.5	53727.69922	324.82	0	48.851499	-86.940404	56313.31	56239.4	10.64	56323.95	56323.80469	56352.27757	56347.29297	504372.0	5410949.5
L4370.0	504371.9	5410947.9	53727.80078	324.19	0	48.851484	-86.940404	56313.10	56239.4	10.63	56323.73	56323.55859	56341.27572	56336.16797	504371.9	5410947.9

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4370.0	504371.9	5410947.9	53727.89844	324.76	0	48.851484	-86.940404	56313.54	56239.4	10.63	56324.17	56323.97656	56344.77920	56339.55078	504371.9	5410947.9
L4370.0	504371.9	5410946.4	53728.00000	324.23	0	48.851471	-86.940405	56313.77	56239.4	10.63	56324.40	56324.18359	56343.80397	56338.45703	504371.9	5410946.4
L4370.0	504371.9	5410945.1	53728.10156	323.90	0	48.851459	-86.940405	56313.92	56239.4	10.63	56324.55	56324.30859	56341.18915	56335.72266	504371.9	5410945.1
L4370.0	504371.9	5410945.1	53728.19922	323.26	0	48.851459	-86.940405	56314.28	56239.4	10.63	56324.91	56324.64844	56343.27464	56337.69141	504371.9	5410945.1
L4370.0	504371.8	5410943.0	53728.30078	323.46	0	48.851440	-86.940406	56314.23	56239.4	10.63	56324.86	56324.57813	56336.50922	56330.80859	504371.8	5410943.0
L4370.0	504371.8	5410943.0	53728.39844	323.58	0	48.851440	-86.940406	56314.91	56239.4	10.63	56325.54	56325.23438	56345.84285	56340.02734	504371.8	5410943.0
L4370.0	504371.8	5410941.3	53728.50000	323.24	0	48.851425	-86.940406	56315.04	56239.4	10.63	56325.67	56325.34375	56343.24648	56337.32031	504371.8	5410941.3
L4370.0	504371.8	5410939.8	53728.60156	321.85	0	48.851412	-86.940407	56315.93	56239.4	10.63	56326.56	56326.21484	56357.46852	56351.42969	504371.8	5410939.8
L4370.0	504371.7	5410938.4	53728.69922	321.83	0	48.851399	-86.940407	56315.56	56239.4	10.63	56326.19	56325.82422	56344.10638	56337.95703	504371.7	5410938.4
L4370.0	504371.7	5410938.4	53728.80078	320.54	0	48.851399	-86.940407	56316.21	56239.4	10.63	56326.84	56326.45703	56353.31029	56347.05078	504371.7	5410938.4
L4370.0	504371.7	5410936.7	53728.80078	320.54	0	48.851384	-86.940407	56316.17	56239.4	10.63	56326.80	56326.39453	56347.43144	56341.06641	504371.7	5410936.7
L4370.0	504371.7	5410936.7	53729.00000	321.03	0	48.851384	-86.940407	56316.78	56239.4	10.63	56327.41	56326.98828	56356.00743	56349.53516	504371.7	5410936.7
L4370.0	504371.7	5410934.8	53729.10156	320.93	0	48.851367	-86.940408	56317.70	56239.4	10.63	56328.33	56327.89063	56371.55148	56364.97656	504371.7	5410934.8
L4370.0	504371.6	5410933.5	53729.19922	319.29	0	48.851354	-86.940408	56317.85	56239.4	10.62	56328.47	56328.01172	56370.01533	56363.33594	504371.6	5410933.5
L4370.0	504371.6	5410932.1	53729.30078	320.17	0	48.851342	-86.940409	56318.19	56239.4	10.62	56328.81	56328.33594	56373.04039	56366.26172	504371.6	5410932.1
L4370.0	504371.6	5410932.1	53729.39844	320.87	0	48.851342	-86.940409	56318.03	56239.4	10.62	56328.64	56328.14844	56364.95798	56358.08203	504371.6	5410932.1
L4370.0	504371.6	5410930.4	53729.50000	322.92	0	48.851327	-86.940409	56318.13	56239.4	10.61	56328.74	56328.23047	56362.99132	56356.01953	504371.6	5410930.4
L4370.0	504371.6	5410929.0	53729.60156	323.32	0	48.851315	-86.940410	56317.82	56239.4	10.61	56328.44	56327.91797	56352.30067	56345.23047	504371.6	5410929.0
L4370.0	504371.6	5410929.0	53729.69922	324.46	0	48.851315	-86.940410	56318.90	56239.4	10.61	56329.51	56328.97266	56372.17729	56365.01563	504371.6	5410929.0
L4370.0	504371.5	5410927.7	53729.80078	324.57	0	48.851302	-86.940410	56319.00	56239.4	10.61	56329.61	56329.05469	56370.68379	56363.42969	504371.5	5410927.7
L4370.0	504371.5	5410925.8	53729.89844	323.99	0	48.851285	-86.940410	56319.40	56239.4	10.60	56330.00	56329.42969	56375.82209	56368.48047	504371.5	5410925.8
L4370.0	504371.5	5410924.5	53730.00000	324.32	0	48.851273	-86.940411	56319.74	56239.4	10.60	56330.34	56329.75781	56380.02023	56372.59375	504371.5	5410924.5
L4370.0	504371.5	5410924.5	53730.10156	323.44	0	48.851273	-86.940411	56319.82	56239.4	10.60	56330.42	56329.82422	56378.53167	56371.01953	504371.5	5410924.5
L4370.0	504371.4	5410922.9	53730.19922	323.34	0	48.851259	-86.940411	56319.66	56239.4	10.60	56330.27	56329.66016	56371.97054	56364.37500	504371.4	5410922.9
L4370.0	504371.4	5410921.7	53730.30078	324.16	0	48.851249	-86.940412	56318.95	56239.4	10.60	56329.55	56328.92578	56352.57753	56344.90234	504371.4	5410921.7
L4370.0	504371.4	5410920.0	53730.39844	322.09	0	48.851233	-86.940412	56319.43	56239.4	10.60	56330.03	56329.39453	56360.48837	56352.73438	504371.4	5410920.0
L4370.0	504371.4	5410918.5	53730.50000	321.98	0	48.851219	-86.940412	56319.16	56239.4	10.60	56329.76	56329.11328	56351.47925	56343.64844	504371.4	5410918.5
L4370.0	504371.4	5410918.5	53730.60156	322.90	0	48.851219	-86.940412	56320.02	56239.4	10.61	56330.63	56329.97266	56368.58253	56360.67578	504371.4	5410918.5
L4370.0	504371.3	5410916.6	53730.69922	322.86	0	48.851202	-86.940412	56319.87	56239.4	10.61	56330.47	56329.80078	56362.32333	56354.34766	504371.3	5410916.6
L4370.0	504371.3	5410916.6	53730.80078	322.86	0	48.851202	-86.940412	56320.58	56239.4	10.61	56331.19	56330.50781	56376.29490	56368.24609	504371.3	5410916.6
L4370.0	504371.3	5410915.2	53730.80078	323.34	0	48.851190	-86.940413	56320.10	56239.4	10.61	56330.71	56330.01953	56362.96812	56354.85156	504371.3	5410915.2
L4370.0	504371.3	5410913.6	53731.00000	325.23	0	48.851175	-86.940413	56319.79	56239.4	10.61	56330.40	56329.69922	56353.65894	56345.48047	504371.3	5410913.6
L4370.0	504371.3	5410913.6	53731.10156	325.76	0	48.851175	-86.940413	56319.79	56239.4	10.61	56330.40	56329.68750	56351.57328	56343.33203	504371.3	5410913.6
L4370.0	504371.3	5410911.8	53731.19922	324.60	0	48.851159	-86.940413	56319.79	56239.4	10.61	56330.39	56329.66797	56349.40086	56341.09766	504371.3	5410911.8
L4370.0	504371.3	5410910.4	53731.30078	324.27	0	48.851147	-86.940413	56320.43	56239.4	10.60	56331.03	56330.30078	56362.20170	56353.83984	504371.3	5410910.4
L4370.0	504371.3	5410910.4	53731.39844	323.25	0	48.851147	-86.940413	56320.22	56239.4	10.60	56330.82	56330.08203	56355.74689	56347.32813	504371.3	5410910.4
L4370.0	504371.3	5410908.7	53731.50000	322.94	0	48.851131	-86.940413	56321.12	56239.4	10.60	56331.72	56330.97266	56374.72965	56366.25781	504371.3	5410908.7
L4370.0	504371.3	5410907.2	53731.60156	321.78	0	48.851118	-86.940413	56320.66	56239.4	10.60	56331.26	56330.50781	56362.85064	56354.32813	504371.3	5410907.2
L4370.0	504371.3	5410905.6	53731.69922	322.60	0	48.851104	-86.940413	56320.99	56239.4	10.60	56331.59	56330.82813	56369.09650	56360.52344	504371.3	5410905.6
L4370.0	504371.3	5410905.6	53731.80078	323.40	0	48.851104	-86.940413	56320.20	56239.4	10.59	56330.79	56330.02344	56349.76695	56341.14844	504371.3	5410905.6
L4370.0	504371.3	5410903.7	53731.89844	323.74	0	48.851086	-86.940413	56320.15	56239.4	10.59	56330.74	56329.96484	56347.63614	56338.97266	504371.3	5410903.7
L4370.0	504371.3	5410901.9	53732.00000	323.63	0	48.851070	-86.940413	56319.94	56239.4	10.59	56330.53	56329.75000	56342.00631	56333.30078	504371.3	5410901.9
L4370.0	504371.3	5410901.9	53732.10156	323.39	0	48.851070	-86.940413	56319.61	56239.4	10.59	56330.20	56329.41406	56333.80023	56325.05469	504371.3	5410901.9
L4370.0	504371.3	5410900.3	53732.19922	323.88	0	48.851056	-86.940413	56320.18	56239.4	10.59	56330.77	56329.97656	56346.08455	56337.30469	504371.3	5410900.3
L4370.0	504371.3	5410900.3	53732.30078	324.29	0	48.851056	-86.940413	56320.33	56239.4	10.59	56330.92	56330.12109	56348.96458	56340.14844	504371.3	5410900.3
L4370.0	504371.3	5410898.8	53732.39844	322.32	0	48.851042	-86.940413	56321.02	56239.4	10.59	56331.61	56330.80859	56364.08450	56355.23438	504371.3	5410898.8
L4370.0	504371.3	5410897.4	53732.50000	322.59	0	48.851030	-86.940413	56320.15	56239.4	10.59	56330.74	56329.93359	56344.26576	56335.38672	504371.3	5410897.4
L4370.0	504371.4	5410895.6	53732.60156	321.96	0	48.851014	-86.940412	56320.91	56239.4	10.60	56331.51	56330.69922	56361.32580	56352.41797	504371.4	5410895.6
L4370.0	504371.4	5410895.6	53732.69922	322.10	0	48.851014	-86.940412	56320.30	56239.4	10.60	56330.89	56330.07422	56347.43132	56338.49609	504371.4	5410895.6
L4370.0	504371.4	5410894.0	53732.80078	322.97	0	48.850999	-86.940412	56320.94	56239.4	10.60	56331.54	56330.71875	56361.93832	56352.98047	504371.4	5410894.0
L4370.0	504371.4	5410894.0	53732.80078	322.97	0	48.850999	-86.940412	56320.64	56239.4	10.60	56331.24	56330.41797	56355.43919	56346.46094	504371.4	5410894.0
L4370.0	504371.4	5410892.3	53733.00000	323.15	0	48.850984	-86.940411	56321.04	56239.4	10.60	56331.64	56330.81250	56364.55047	56355.55078	504371.4	5410892.3
L4370.0	504371.5	5410890.9	53733.10156	323.79	0	48.850972	-86.940411	56321.39	56239.4	10.60	56332.00	56331.17188	56372.85645	56363.83984	504371.5	5410890.9
L4370.0	504371.5	5410889.5	53733.19922	324.49	0	48.850959	-86.940411	56320.94	56239.4	10.60	56331.54	56330.71094	56363.21660	56354.18750	504371.5	5410889.5
L4370.0	504371.5	5410889.5	53733.30078	323.42	0	48.850959	-86.940411	56321.34	56239.4	10.60	56331.95	56331.11719	56372.84470	56363.80078	504371.5	5410889.5
L4370.0	504371.5	5410887.7	53733.39844	321.99	0	48.850943	-86.940410	56320.58	56239.4	10.60	56331.18	56330.34375	56356.66760	56347.61328	504371.5	5410887.7
L4370.0	504371.5	5410886.4	53733.50000	320.79	0	48.850930	-86.940410	56321.02	56239.4	10.60	56331.62	56330.78516	56367.20087	56358.13672	504371.5	5410886.4
L4370.0	504371.6	5410885.3	53733.60156	321.35	0	48.850921	-86.940410	56319.92	56239.4	10.61	56330.52	56329.68359	56343.99239	56334.92188	504371.6	5410885.3
L4370.0	504371.6	5410884.2	53733.69922	321.83	0	48.850911	-86.940410	56320.53	56239.4	10.61	56331.13	56330.29297	56358.51916	56349.44531	504371.6	5410884.2
L4370.0	504371.6	5410884.2	53733.80078	321.43	0	48.850911	-86.940410	56320.35	56239.4	10.61	56330.96	56330.12109	56355.98469	56346.91016	504371.6	5410884.2
L4370.0	504371.6	5410882.8	53733.89844	320.15	0	48.850898	-86.940409	56320.73	56239.4	10.61	56331.34	56330.50000	56365.74742	56356.67188	504371.6	5410882.8
L4370.0	504371.7	5410881.2	53734.00000	321.00	0	48.850884	-86.940408	56320.45	56239.4	10.61	56331.06	56330.22266	56360.98872	56351.91406	504371.7	5410881.2
L4370.0	504371.7	5410881.2	53734.10156	321.89	0	48.850884	-86.940408	56319.79	56239.4	10.61	56330.40	56329.56250	56347.78845	56338.71875	504371.7	5410881.2
L4370.0	504371.7	5410880.0	53734.19922	321.43	0	48.850873	-86.940408	56320.20	56239.4	10.61	56330.81	56329.97266	56358.62037	56349.55469	504371.7	5410880.0
L4370.0	504371.7	5410878.1	53734.30078	322.31	0	48.850856	-86.940407	56319.31	56239.4	10.61	56329.92	56329.08203	56340.26965	56331.21094	504371.7	5410878.1
L4370.0	504371.8	5410876.7	53734.39844	322.34	0	48.850844	-86.940407	56319.79	56239.4	10.61	56330.39	56329.55469	56352.71300	56343.66406	504371.8	5410876.7
L4370.0	504371.8	5410876.7	53734.50000	322.28	0	48.850844	-86.940407	56319.04	56239.4	10.61	56329.65	56328.81641	56337.73709	56328.69922	504371.8	5410876.7
L4370.0	504371.8	5410875.3	53734.60156	322.63	0	48.850831	-86.940407	56319.31	56239.4	10.60	56329.91	56329.07813	56345.63757	56336.61328	504371.8	5410875.3
L4370.0	504371.8	5410873.9	53734.69922	324.36	0	48.850818	-86.940406	56319.20	56239.4	10.60	56329.81	56328.98047	56345.39005	56336.38281	504371.8	5410873.9
L4370.0	504371.8	5410873.9	53734.80078	325.43	0	48.850818	-86.940406	56319.96	56239.4	10.60	56330.56	56329.73438	56364.89274	56355.90234	504371.8	5410873.9
L4370.0	504371.9	5410872.2	53734.80078	325.43	0	48.850803	-86.940406	56319.90	56239.4	10.60	56330.50	56329.67578	56365.78384	56356.80859	504371.9	5410872.2
L4370.0	504371.9	5410870.6	53735.00000	325.18	0	48.850789	-86.940406	56319.43	56239.4	10.60	56330.03	56329.20703	56357.17194	56348.21875	504371.9	5410870.6
L4370.0	504371.9	5410870.6	53735.10156	326.20	0	48.850789	-86.940406	56319.18	56239.4	10.60	56329.78	56328.96094	56353.70347	56344.77344	504371.9	5410870.6
L4370.0	504371.9	5410869.2	53735.19922	326.15	0	48.850776	-86.940405	56318.66	56239.4	10.60	56329.27	56328.45313	56344.18658	56335.28125	504371.9	5410869.2
L4370.0	504371.9	5410867.6	53735.30078	325.39	0	48.850761	-86.940405	56319.31	56239.4	10.60	56329.91	56329.09766	56361.61734	56352.73438	504371.9	5410867.6
L4370.0	504372.0	5410865.7	53735.39844	324.58	0	48.850744	-86.940405	56319.23	56239.4	10.60	56329.83	56329.02344	56362.23663	56353.38281	504372.0	5410865.7
L4370.0	504372.0	5410865.7	53735.50000	324.26	0	48.850744	-86.940405	56319.30	56239.4	10.61	56329.91	56329.10547	56366.62164	56357.79688	504372.0	5410865.7
L4370.0	504372.0	5410864.0	53735.60156	324.25	0	48.850730	-86.940404	56318.85	56239.4	10.61	56329.45	56328.65234	56358.44230	56349.64844	504372.0	5410864.0
L4370.0	504372.0	5410862.4	53735.69922	323.19	0	48.850715	-86.940404	56318.34	56239.4	10.61	56328.94	56328.14453	56349.18385	56340.42188	504372.0	5410862.4
L4370.0	504372.0	5410862.4	53735.80078	325.01	0	48.850715	-86.940404	56317.70	56239.4	10.61	56328.31	56327.51953	56337.25674	56328.52734	504372.0	5410862.4
L4370.0	504372.0	5410860.7	53735.89844	324.52	0	48.850700	-86.940404	56317.75	56239.4	10.61	56328.36	56327.57422	56341.13008	56332.43359	504372.0	5410860.7
L4370.0	504372.1	5410858.8	53736.00000	324.69	0	48.850683	-86.940403	56318.34	56239.4	10.61	56328.95	56328.16797	56357.38511	56348.72656	504372.1	5410858.8
L4370.0	504372.1	5410857.4	53736.10156	323.74	0	48.850670	-86.940403	56318.06	56239.4	10.61	56328.67	56327.89453	56353.68819	56345.06641	504372.1	5410857.4
L4370.0	504372.1	5410855.8	53736.19922	322.12	0	48.850655	-86.940403	56318.52	56239.4	10.61	56329.13	56328.35938	56366.85836	56358.27734	504372.1	5410855.8
L4370.0	504372.1	5410855.8	53736.30078	322.14	0	48.850655	-86.940403	56318.08	56239.4	10.62	56328.69	56327.92578	56359.62966	56351.08984	504372.1	5410855.8
L4370.0	504372.1	5410853.9	53736.39844	320.18	0	48.850638	-86.940402	56318.31	56239.4	10.62	56328.93	56328.17188	56367.80157	56359.30469	504372.1	5410853.9
L4370.0	504372.1	5410852.2	53736.50000	319.46	0	48.850623	-86.940402	56317.29	56239.4	10.62	56327.91	56327.16016	56347.75725	56339.30469	504372.1	5410852.2
L4370.0	504372.1	5410852.2	53736.60156	320.98	0	48.850623	-86.940402	56317.82	56239.4	10.62	56328.45	56327.70703	56362.71717	56354.30859	504372.1	5410852.2
L4370.0	504372.1	5410850.7	53736.69922	322.03	0	48.850610	-86.940402	56317.36	56239.4	10.62	56327.99	56327.25391	56355.39240	56347.03125	504372.1	5410850.7
L4370.0	504372.1	5410850.7	53736.80078	321.49	0	48.850610	-86.940402	56317.21	56239.4	10.63	56327.84	56327.10938	56355.04201	56346.73047	504372.1	5410850.7
L4370.0	504372.1	5410849.0	53736.80078	321.49	0	48.850594	-86.940402	56316.96	56239.4	10.63	56327.58	56326.85547	56352.30187	56344.03906	504372.1	5410849.0
L4370.0	504372.1	5410847.7	53737.00000	320.83	0	48.850583	-86.940402	56316.59	56239.4	10.63	56327.22	56326.50391	56347.38991	56339.17578	504372.1	5410847.7
L4370.0	504372.1	5410847.7	53737.10156	321.81	0	48.850583	-86.940402	56316.83	56239.4	10.63	56327.46	56326.75000	56355.85292	56347.69141	504372.1	5410847.7

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4370.0	504372.1	5410846.1	53737.19922	322.33	0	48.850568	-86.940402	56315.76	56239.4	10.63	56326.39	56325.68750	56335.21208	56327.10547	504372.1	5410846.1
L4370.0	504372.1	5410844.5	53737.30078	320.85	0	48.850554	-86.940403	56316.44	56239.4	10.64	56327.07	56326.37500	56353.56428	56345.51172	504372.1	5410844.5
L4370.0	504372.1	5410843.0	53737.39844	323.44	0	48.850541	-86.940403	56315.45	56239.4	10.64	56326.09	56325.40234	56334.90872	56326.91406	504372.1	5410843.0
L4370.0	504372.1	5410843.0	53737.50000	325.17	0	48.850541	-86.940403	56316.29	56239.4	10.64	56326.93	56326.25000	56356.98261	56349.04297	504372.1	5410843.0
L4370.0	504372.1	5410840.9	53737.60156	325.04	0	48.850521	-86.940403	56315.68	56239.4	10.64	56326.33	56325.66016	56346.82129	56338.94141	504372.1	5410840.9
L4370.0	504372.1	5410839.6	53737.69922	322.32	0	48.850510	-86.940403	56315.63	56239.4	10.64	56326.27	56325.60938	56348.79070	56340.96875	504372.1	5410839.6
L4370.0	504372.1	5410839.6	53737.80078	322.99	0	48.850510	-86.940403	56315.04	56239.4	10.65	56325.68	56325.02734	56338.79802	56331.03906	504372.1	5410839.6
L4370.0	504372.1	5410838.2	53737.89844	323.48	0	48.850498	-86.940403	56314.62	56239.4	10.65	56325.26	56324.61328	56332.61168	56324.91406	504372.1	5410838.2
L4370.0	504372.1	5410836.6	53738.00000	324.96	0	48.850483	-86.940404	56314.79	56239.3	10.65	56325.44	56324.80469	56340.02848	56332.39063	504372.1	5410836.6
L4370.0	504372.1	5410835.0	53738.10156	324.20	0	48.850469	-86.940404	56314.31	56239.4	10.65	56324.95	56324.32031	56332.22842	56324.65625	504372.1	5410835.0
L4370.0	504372.1	5410835.0	53738.19922	325.18	0	48.850469	-86.940404	56314.89	56239.4	10.65	56325.54	56324.92188	56349.00778	56341.50000	504372.1	5410835.0
L4370.0	504372.1	5410833.7	53738.30078	324.62	0	48.850457	-86.940404	56314.07	56239.4	10.65	56324.72	56324.10938	56333.66211	56326.22266	504372.1	5410833.7
L4370.0	504372.1	5410832.3	53738.39844	323.82	0	48.850444	-86.940404	56314.79	56239.4	10.65	56325.43	56324.82813	56353.17965	56345.80469	504372.1	5410832.3
L4370.0	504372.1	5410832.3	53738.50000	323.46	0	48.850444	-86.940404	56313.77	56239.4	10.65	56324.41	56323.82031	56333.24824	56325.94141	504372.1	5410832.3
L4370.0	504372.1	5410830.4	53738.60156	324.24	0	48.850427	-86.940404	56314.10	56239.4	10.64	56324.74	56324.16016	56344.06705	56336.83203	504372.1	5410830.4
L4370.0	504372.1	5410829.0	53738.69922	323.26	0	48.850414	-86.940404	56313.64	56239.4	10.64	56324.28	56323.70703	56336.88714	56329.72266	504372.1	5410829.0
L4370.0	504372.1	5410827.6	53738.80078	323.50	0	48.850402	-86.940403	56313.48	56239.4	10.64	56324.13	56323.56641	56336.74939	56329.65625	504372.1	5410827.6
L4370.0	504372.1	5410826.4	53738.80078	323.50	0	48.850391	-86.940403	56313.39	56239.4	10.64	56324.03	56323.47656	56337.72790	56330.70313	504372.1	5410826.4
L4370.0	504372.1	5410826.4	53739.00000	321.23	0	48.850391	-86.940403	56312.87	56239.4	10.64	56323.51	56322.96875	56329.21185	56322.26172	504372.1	5410826.4
L4370.0	504372.1	5410825.0	53739.10156	322.63	0	48.850378	-86.940403	56313.28	56239.4	10.64	56323.93	56323.39844	56341.86705	56334.99219	504372.1	5410825.0
L4370.0	504372.1	5410823.3	53739.19922	322.25	0	48.850364	-86.940403	56312.39	56239.4	10.65	56323.04	56322.51563	56325.07156	56318.27344	504372.1	5410823.3
L4370.0	504372.1	5410823.3	53739.30078	322.62	0	48.850364	-86.940403	56312.90	56239.3	10.65	56323.55	56323.03906	56339.63394	56332.91016	504372.1	5410823.3
L4370.0	504372.1	5410821.2	53739.39844	323.76	0	48.850344	-86.940403	56312.56	56239.3	10.66	56323.22	56322.71875	56335.39270	56328.74609	504372.1	5410821.2
L4370.0	504372.1	5410819.8	53739.50000	323.91	0	48.850332	-86.940403	56312.97	56239.3	10.66	56323.63	56323.13672	56347.57517	56341.00391	504372.1	5410819.8
L4370.0	504372.1	5410819.8	53739.60156	321.68	0	48.850332	-86.940403	56312.39	56239.3	10.66	56323.06	56322.57813	56338.00815	56331.51563	504372.1	5410819.8
L4370.0	504372.1	5410818.1	53739.69922	320.63	0	48.850316	-86.940403	56312.72	56239.3	10.67	56323.39	56322.91797	56348.32609	56341.91406	504372.1	5410818.1
L4370.0	504372.1	5410818.1	53739.80078	321.09	0	48.850316	-86.940403	56312.31	56239.3	10.67	56322.99	56322.53125	56342.53301	56336.20313	504372.1	5410818.1
L4370.0	504372.1	5410816.5	53739.89844	322.06	0	48.850302	-86.940403	56311.88	56239.3	10.68	56322.56	56322.10938	56336.09845	56329.84766	504372.1	5410816.5
L4370.0	504372.1	5410814.6	53740.00000	322.50	0	48.850285	-86.940403	56312.06	56239.3	10.68	56322.74	56322.30078	56343.05098	56336.88281	504372.1	5410814.6
L4370.0	504372.1	5410814.6	53740.10156	320.20	0	48.850285	-86.940403	56311.52	56239.3	10.68	56322.20	56321.77344	56334.20452	56328.12109	504372.1	5410814.6
L4370.0	504372.1	5410812.8	53740.19922	321.64	0	48.850269	-86.940403	56311.47	56239.3	10.68	56322.15	56321.73438	56336.08803	56330.08594	504372.1	5410812.8
L4370.0	504372.1	5410811.4	53740.30078	321.21	0	48.850256	-86.940403	56310.83	56239.3	10.69	56321.51	56321.10547	56325.04443	56319.12891	504372.1	5410811.4
L4370.0	504372.1	5410810.1	53740.39844	320.82	0	48.850244	-86.940403	56311.01	56239.3	10.69	56321.70	56321.30469	56332.15111	56326.32031	504372.1	5410810.1
L4370.0	504372.1	5410810.1	53740.50000	319.78	0	48.850244	-86.940403	56310.56	56239.3	10.69	56321.25	56320.86719	56325.24429	56319.50000	504372.1	5410810.1
L4370.0	504372.1	5410808.1	53740.60156	321.41	0	48.850227	-86.940403	56310.86	56239.3	10.69	56321.55	56321.17578	56334.70867	56329.05078	504372.1	5410808.1
L4370.0	504372.1	5410808.1	53740.69922	322.57	0	48.850227	-86.940403	56310.93	56239.3	10.69	56321.63	56321.26953	56339.33306	56333.76172	504372.1	5410808.1
L4370.0	504372.1	5410806.9	53740.80078	322.57	0	48.850216	-86.940403	56310.58	56239.3	10.70	56321.27	56320.91797	56334.34528	56328.86328	504372.1	5410806.9
L4370.0	504372.1	5410805.5	53740.80078	321.45	0	48.850203	-86.940404	56310.29	56239.3	10.70	56320.99	56320.65234	56331.09501	56325.70313	504372.1	5410805.5
L4370.0	504372.1	5410804.0	53741.00000	322.03	0	48.850189	-86.940404	56310.30	56239.3	10.70	56321.00	56320.67188	56334.11710	56328.81250	504372.1	5410804.0
L4370.0	504372.1	5410804.0	53741.10156	324.10	0	48.850189	-86.940404	56310.86	56239.3	10.70	56321.56	56321.24219	56348.94665	56343.73438	504372.1	5410804.0
L4370.0	504372.1	5410802.3	53741.19922	323.87	0	48.850174	-86.940404	56310.12	56239.3	10.70	56320.82	56320.51563	56335.73959	56330.61719	504372.1	5410802.3
L4370.0	504372.1	5410801.1	53741.30078	323.90	0	48.850164	-86.940404	56310.20	56239.3	10.70	56320.90	56320.60547	56340.13897	56335.10938	504372.1	5410801.1
L4370.0	504372.1	5410800.0	53741.39844	322.78	0	48.850153	-86.940404	56309.63	56239.3	10.70	56320.34	56320.05859	56330.89124	56325.95313	504372.1	5410800.0
L4370.0	504372.1	5410800.0	53741.50000	322.05	0	48.850153	-86.940404	56309.56	56239.3	10.71	56320.26	56319.98828	56331.86446	56327.01953	504372.1	5410800.0
L4370.0	504372.1	5410798.1	53741.60156	321.19	0	48.850137	-86.940404	56309.64	56239.3	10.71	56320.35	56320.08984	56336.38557	56331.63281	504372.1	5410798.1
L4370.0	504372.1	5410796.6	53741.69922	321.82	0	48.850123	-86.940403	56309.35	56239.3	10.71	56320.06	56319.81250	56332.92263	56328.26563	504372.1	5410796.6
L4370.0	504372.1	5410796.6	53741.80078	320.57	0	48.850123	-86.940403	56309.81	56239.3	10.71	56320.52	56320.28516	56345.06601	56340.50391	504372.1	5410796.6
L4370.0	504372.1	5410795.0	53741.89844	320.76	0	48.850109	-86.940403	56309.48	56239.3	10.71	56320.19	56319.96484	56340.77588	56336.30859	504372.1	5410795.0
L4370.0	504372.1	5410795.0	53742.00000	318.86	0	48.850109	-86.940403	56309.50	56239.3	10.71	56320.21	56319.99609	56343.73879	56339.36719	504372.1	5410795.0
L4370.0	504372.2	5410793.4	53742.10156	318.94	0	48.850095	-86.940403	56308.61	56239.3	10.71	56319.33	56319.12891	56328.22967	56323.95313	504372.2	5410793.4
L4370.0	504372.2	5410792.1	53742.19922	318.41	0	48.850083	-86.940402	56308.76	56239.3	10.72	56319.48	56319.29297	56333.90321	56329.72266	504372.2	5410792.1
L4370.0	504372.2	5410792.1	53742.30078	319.73	0	48.850083	-86.940402	56308.74	56239.3	10.72	56319.46	56319.28125	56336.09592	56332.01172	504372.2	5410792.1
L4370.0	504372.2	5410790.3	53742.39844	318.66	0	48.850066	-86.940402	56308.51	56239.3	10.73	56319.24	56319.07422	56334.21280	56330.22656	504372.2	5410790.3
L4370.0	504372.2	5410789.1	53742.50000	318.52	0	48.850056	-86.940402	56308.69	56239.3	10.74	56319.42	56319.26563	56340.53778	56336.64844	504372.2	5410789.1
L4370.0	504372.3	5410787.5	53742.60156	318.29	0	48.850041	-86.940401	56308.36	56239.3	10.74	56319.10	56318.95703	56336.64688	56332.85547	504372.3	5410787.5
L4370.0	504372.3	5410787.5	53742.69922	319.01	0	48.850041	-86.940401	56308.54	56239.3	10.75	56319.28	56319.15234	56343.04826	56339.35547	504372.3	5410787.5
L4370.0	504372.3	5410786.0	53742.80078	319.01	0	48.850028	-86.940401	56307.87	56239.3	10.75	56318.62	56318.50391	56332.17104	56328.57813	504372.3	5410786.0
L4370.0	504372.3	5410786.0	53742.80078	320.00	0	48.850028	-86.940401	56308.38	56239.3	10.75	56319.13	56319.02344	56345.49983	56342.00391	504372.3	5410786.0
L4370.0	504372.3	5410784.0	53743.00000	320.57	0	48.850010	-86.940401	56307.90	56239.2	10.76	56318.66	56318.56641	56338.54149	56335.14453	504372.3	5410784.0
L4370.0	504372.3	5410782.5	53743.10156	322.38	0	48.849996	-86.940401	56307.90	56239.2	10.76	56318.66	56318.57813	56341.38603	56338.08984	504372.3	5410782.5
L4370.0	504372.3	5410781.1	53743.19922	321.74	0	48.849984	-86.940401	56307.25	56239.2	10.76	56318.02	56317.94922	56330.76497	56327.57031	504372.3	5410781.1
L4370.0	504372.3	5410781.1	53743.30078	322.83	0	48.849984	-86.940401	56307.04	56239.2	10.76	56317.80	56317.74219	56328.94561	56325.84766	504372.3	5410781.1
L4370.0	504372.4	5410779.8	53743.39844	321.93	0	48.849972	-86.940400	56307.25	56239.2	10.76	56318.02	56317.97656	56336.51949	56333.52344	504372.4	5410779.8
L4370.0	504372.4	5410778.1	53743.50000	323.56	0	48.849957	-86.940400	56306.54	56239.2	10.76	56317.31	56317.27734	56324.18331	56321.28516	504372.4	5410778.1
L4370.0	504372.4	5410776.4	53743.60156	323.48	0	48.849941	-86.940400	56306.91	56239.2	10.77	56317.67	56317.64844	56334.85192	56332.05469	504372.4	5410776.4
L4370.0	504372.4	5410776.4	53743.69922	322.87	0	48.849941	-86.940400	56306.39	56239.2	10.77	56317.15	56317.14063	56326.50378	56323.80859	504372.4	5410776.4
L4370.0	504372.4	5410774.8	53743.80078	323.03	0	48.849927	-86.940399	56307.08	56239.2	10.77	56317.85	56317.85547	56344.69439	56342.09766	504372.4	5410774.8
L4370.0	504372.5	5410773.6	53743.89844	323.17	0	48.849916	-86.940399	56306.37	56239.2	10.77	56317.14	56317.15625	56332.14423	56329.64844	504372.5	5410773.6
L4370.0	504372.5	5410772.2	53744.00000	322.60	0	48.849903	-86.940398	56306.21	56239.2	10.77	56316.98	56317.00781	56331.57851	56329.18359	504372.5	5410772.2
L4370.0	504372.5	5410772.2	53744.10156	323.17	0	48.849903	-86.940398	56305.75	56239.2	10.77	56316.53	56316.57031	56324.64096	56322.34766	504372.5	5410772.2
L4370.0	504372.5	5410770.7	53744.19922	322.47	0	48.849890	-86.940398	56305.68	56239.2	10.78	56316.46	56316.51563	56326.02845	56323.83594	504372.5	5410770.7
L4370.0	504372.5	5410769.3	53744.30078	321.64	0	48.849877	-86.940398	56305.86	56239.2	10.78	56316.64	56316.70703	56332.88433	56330.79297	504372.5	5410769.3
L4370.0	504372.5	5410769.3	53744.39844	321.16	0	48.849877	-86.940398	56305.32	56239.2	10.79	56316.11	56316.18750	56324.18939	56322.19531	504372.5	5410769.3
L4370.0	504372.6	5410767.7	53744.50000	320.21	0	48.849863	-86.940398	56306.26	56239.2	10.79	56317.05	56317.14063	56347.57582	56345.68359	504372.6	5410767.7
L4370.0	504372.6	5410766.3	53744.60156	320.92	0	48.849850	-86.940397	56305.50	56239.2	10.79	56316.29	56316.39453	56333.87289	56332.08203	504372.6	5410766.3
L4370.0	504372.6	5410764.8	53744.69922	320.84	0	48.849837	-86.940397	56306.16	56239.2	10.80	56316.96	56317.07813	56351.23096	56349.53906	504372.6	5410764.8
L4370.0	504372.6	5410764.8	53744.80078	321.67	0	48.849837	-86.940397	56305.70	56239.2	10.80	56316.50	56316.62891	56344.08235	56342.48828	504372.6	5410764.8
L4370.0	504372.6	5410763.5	53744.80078	321.67	0	48.849825	-86.940397	56305.81	56239.2	10.80	56316.61	56316.75391	56349.26535	56347.76953	504372.6	5410763.5
L4370.0	504372.6	5410762.1	53745.00000	321.78	0	48.849813	-86.940397	56304.65	56239.2	10.81	56315.46	56315.61719	56327.35023	56325.95703	504372.6	5410762.1
L4370.0	504372.6	5410760.2	53745.10156	322.58	0	48.849796	-86.940396	56304.45	56239.2	10.81	56315.26	56315.42969	56325.91538	56324.62109	504372.6	5410760.2
L4370.0	504372.6	5410760.2	53745.19922	322.56	0	48.849796	-86.940396	56304.40	56239.2	10.81	56315.21	56315.39063	56327.71150	56326.51563	504372.6	5410760.2
L4370.0	504372.7	5410759.0	53745.30078	321.21	0	48.849785	-86.940396	56303.72	56239.2	10.81	56314.53	56314.72656	56315.95686	56314.85938	504372.7	5410759.0
L4370.0	504372.7	5410757.6	53745.39844	321.71	0	48.849772	-86.940396	56303.96	56239.2	10.81	56314.77	56314.97656	56323.99630	56322.99609	504372.7	5410757.6
L4370.0	504372.7	5410757.6	53745.50000	321.39	0	48.849772	-86.940396	56303.68	56239.2	10.81	56314.49	56314.71094	56320.83045	56319.92969	504372.7	5410757.6
L4370.0	504372.7	5410756.1	53745.60156	319.90	0	48.849759	-86.940396	56304.13	56239.2	10.81	56314.93	56315.16406	56333.23871	56332.43359	504372.7	5410756.1
L4370.0	504372.7	5410754.8	53745.69922	319.33	0	48.849747	-86.940395	56303.84	56239.2	10.81	56314.65	56314.89844	56330.07012	56329.36328	504372.7	5410754.8
L4370.0	504372.7	5410754.8	53745.80078	320.19	0	48.849747	-86.940395	56303.98	56239.2	10.81	56314.79	56315.05078	56336.02644	56335.41797	504372.7	5410754.8
L4370.0	504372.7	5410753.1	53745.89844	320.78	0	48.849731	-86.940395	56303.87	56239.2	10.81	56314.68	56314.95703	56336.54340	56336.02734	504372.7	5410753.1
L4370.0	504372.8	5410751.5	53746.00000	321.00	0	48.849717	-86.940395	56303.81	56239.2	10.81	56314.62	56314.91016	56338.14493	56337.72266	504372.8	5410751.5
L4370.0	504372.8	5410751.5	53746.10156	322.08	0	48.849717	-86.940395	56303.84	56239.2	10.81	56314.65	56314.95313	56341.71645	56341.39063	504372.8	5410751.5
L4370.0	504372.8	5410749.6	53746.19922	322.31	0	48.849700	-86.940395	56303.13	56239.2	10.81	56313.94	56314.25781	56328.96102	56328.73047	504372.8	5410749.6
L4370.0	504372.8	5410748.0	53746.30078	323.39	0	48.849686	-86.940394	56303.13	56239.2	10.82	56313.94	56314.26953	56331.81340	56331.67578	504372.8	5410748.0
L4370.0	504372.8	5410746.6	53746.39844	324.18	0	48.849673	-86.940394	56302.31	56239.2	10.82	56313.13	56313.47266	56316.71176	56316.66797	504372.8	5410746.6

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4370.0	504372.8	5410746.6	53746.50000	324.78	0	48.849673	-86.940394	56303.18	56239.2	10.82	56314.00	56314.35938	56338.79149	56338.83984	504372.8	5410746.6
L4370.0	504372.9	5410744.8	53746.60156	324.12	0	48.849657	-86.940393	56302.46	56239.2	10.82	56313.28	56313.65234	56325.59975	56325.73828	504372.9	5410744.8
L4370.0	504372.9	5410743.5	53746.69922	323.41	0	48.849645	-86.940393	56302.41	56239.2	10.82	56313.23	56313.61719	56327.23501	56327.46875	504372.9	5410743.5
L4370.0	504372.9	5410743.5	53746.80078	323.41	0	48.849645	-86.940393	56301.62	56239.2	10.83	56312.44	56312.83984	56312.42936	56312.75000	504372.9	5410743.5
L4370.0	504373.0	5410741.6	53746.80078	322.85	0	48.849628	-86.940392	56301.85	56239.2	10.83	56312.68	56313.09766	56320.44411	56320.85156	504373.0	5410741.6
L4370.0	504373.0	5410741.6	53747.00000	320.59	0	48.849628	-86.940392	56302.07	56239.2	10.83	56312.90	56313.33203	56327.98002	56328.47656	504373.0	5410741.6
L4370.0	504373.0	5410739.9	53747.10156	321.19	0	48.849613	-86.940392	56301.46	56239.2	10.83	56312.30	56312.74609	56317.33342	56317.91797	504373.0	5410739.9
L4370.0	504373.0	5410738.5	53747.19922	322.27	0	48.849601	-86.940392	56301.46	56239.2	10.83	56312.29	56312.75000	56319.72656	56320.40234	504373.0	5410738.5
L4370.0	504373.0	5410738.5	53747.30078	322.75	0	48.849601	-86.940392	56301.37	56239.2	10.83	56312.20	56312.67578	56320.32677	56321.08594	504373.0	5410738.5
L4370.0	504373.0	5410736.8	53747.39844	321.67	0	48.849585	-86.940391	56301.63	56239.2	10.83	56312.46	56312.94922	56328.64223	56329.48438	504373.0	5410736.8
L4370.0	504373.1	5410735.6	53747.50000	321.16	0	48.849574	-86.940391	56300.93	56239.2	10.83	56311.76	56312.26563	56315.71432	56316.64063	504373.1	5410735.6
L4370.0	504373.1	5410734.4	53747.60156	321.63	0	48.849563	-86.940391	56301.21	56239.2	10.84	56312.04	56312.56250	56324.43736	56325.44922	504373.1	5410734.4
L4370.0	504373.1	5410733.1	53747.69922	321.71	0	48.849552	-86.940391	56300.88	56239.2	10.84	56311.72	56312.25781	56319.86785	56320.96094	504373.1	5410733.1
L4370.0	504373.1	5410731.5	53747.80078	320.21	0	48.849537	-86.940390	56300.84	56239.2	10.84	56311.67	56312.22266	56321.26027	56322.43359	504373.1	5410731.5
L4370.0	504373.1	5410731.5	53747.89844	320.02	0	48.849537	-86.940390	56300.65	56239.2	10.84	56311.49	56312.05859	56319.75207	56321.00391	504373.1	5410731.5
L4370.0	504373.1	5410729.4	53748.00000	320.46	0	48.849518	-86.940390	56300.90	56239.2	10.84	56311.74	56312.32422	56327.82112	56329.15234	504373.1	5410729.4
L4370.0	504373.1	5410729.4	53748.10156	320.14	0	48.849518	-86.940390	56300.90	56239.2	10.84	56311.74	56312.33984	56330.34183	56331.75391	504373.1	5410729.4
L4370.0	504373.1	5410728.1	53748.19922	320.68	0	48.849507	-86.940390	56300.24	56239.2	10.84	56311.08	56311.69531	56318.01340	56319.50391	504373.1	5410728.1
L4370.0	504373.2	5410726.4	53748.30078	322.37	0	48.849491	-86.940390	56300.24	56239.2	10.85	56311.08	56311.71094	56320.49285	56322.05859	504373.2	5410726.4
L4370.0	504373.2	5410726.4	53748.39844	324.56	0	48.849491	-86.940390	56300.01	56239.2	10.85	56310.86	56311.50781	56317.97761	56319.61719	504373.2	5410726.4
L4370.0	504373.2	5410725.0	53748.50000	323.64	0	48.849479	-86.940390	56300.21	56239.2	10.85	56311.06	56311.72656	56325.04566	56326.75781	504373.2	5410725.0
L4370.0	504373.2	5410723.7	53748.60156	324.42	0	48.849467	-86.940390	56299.38	56239.1	10.85	56310.23	56310.91406	56308.44021	56310.22656	504373.2	5410723.7
L4370.0	504373.2	5410722.2	53748.69922	324.93	0	48.849454	-86.940389	56300.04	56239.1	10.85	56310.89	56311.58984	56326.18803	56328.04688	504373.2	5410722.2
L4370.0	504373.2	5410722.2	53748.80078	324.93	0	48.849454	-86.940389	56299.86	56239.1	10.86	56310.71	56311.42578	56324.53572	56326.46484	504373.2	5410722.2
L4370.0	504373.2	5410720.2	53748.80078	325.32	0	48.849436	-86.940389	56300.39	56239.1	10.86	56311.25	56311.98438	56339.75463	56341.75000	504373.2	5410720.2
L4370.0	504373.2	5410718.8	53749.00000	326.69	0	48.849423	-86.940389	56300.06	56239.1	10.86	56310.92	56311.67188	56334.59269	56336.65625	504373.2	5410718.8
L4370.0	504373.3	5410717.5	53749.10156	325.18	0	48.849412	-86.940388	56299.81	56239.1	10.86	56310.67	56311.44141	56331.25866	56333.39063	504373.3	5410717.5
L4370.0	504373.3	5410717.5	53749.19922	324.54	0	48.849412	-86.940388	56299.50	56239.1	10.87	56310.37	56311.15625	56326.68835	56328.88672	504373.3	5410717.5
L4370.0	504373.3	5410715.8	53749.30078	323.20	0	48.849396	-86.940388	56299.09	56239.1	10.87	56309.96	56310.76563	56319.44731	56321.71094	504373.3	5410715.8
L4370.0	504373.3	5410714.2	53749.39844	322.11	0	48.849382	-86.940388	56299.43	56239.1	10.88	56310.30	56311.12500	56330.11614	56332.44141	504373.3	5410714.2
L4370.0	504373.3	5410714.2	53749.50000	322.35	0	48.849382	-86.940388	56299.07	56239.1	10.88	56309.95	56310.79297	56324.27276	56326.66016	504373.3	5410714.2
L4370.0	504373.3	5410712.4	53749.60156	322.67	0	48.849365	-86.940388	56299.15	56239.1	10.88	56310.03	56310.89063	56328.73044	56331.18359	504373.3	5410712.4
L4370.0	504373.3	5410712.4	53749.69922	324.72	0	48.849365	-86.940388	56298.25	56239.1	10.89	56309.13	56310.01172	56309.67090	56312.18359	504373.3	5410712.4
L4370.0	504373.3	5410710.8	53749.80078	324.81	0	48.849351	-86.940388	56299.30	56239.1	10.89	56310.19	56311.08984	56337.64464	56340.21484	504373.3	5410710.8
L4370.0	504373.4	5410709.7	53749.80078	324.81	0	48.849341	-86.940387	56298.88	56239.1	10.89	56309.78	56310.69922	56330.35675	56332.98438	504373.4	5410709.7
L4370.0	504373.4	5410708.1	53750.00000	326.90	0	48.849327	-86.940387	56298.54	56239.1	10.90	56309.44	56310.37891	56324.77109	56327.45703	504373.4	5410708.1
L4370.0	504373.4	5410708.1	53750.10156	325.20	0	48.849327	-86.940387	56297.76	56239.1	10.90	56308.66	56309.61719	56308.69783	56311.44141	504373.4	5410708.1
L4370.0	504373.4	5410706.7	53750.19922	324.49	0	48.849315	-86.940387	56297.71	56239.1	10.90	56308.61	56309.58984	56310.11730	56312.91406	504373.4	5410706.7
L4370.0	504373.3	5410705.1	53750.30078	323.64	0	48.849300	-86.940388	56298.07	56239.1	10.90	56308.96	56309.95703	56321.09404	56323.94531	504373.3	5410705.1
L4370.0	504373.3	5410705.1	53750.39844	322.92	0	48.849300	-86.940388	56298.43	56239.1	10.90	56309.33	56310.34766	56332.54577	56335.44922	504373.3	5410705.1
L4370.0	504373.3	5410703.5	53750.50000	320.84	0	48.849286	-86.940388	56299.34	56239.1	10.90	56310.24	56311.28125	56356.84084	56359.79688	504373.3	5410703.5
L4370.0	504373.3	5410702.0	53750.60156	320.69	0	48.849272	-86.940388	56298.38	56239.1	10.89	56309.28	56310.33984	56336.68903	56339.69531	504373.3	5410702.0
L4370.0	504373.3	5410702.0	53750.69922	320.21	0	48.849272	-86.940388	56298.58	56239.1	10.89	56309.47	56310.55078	56343.90119	56346.96094	504373.3	5410702.0
L4370.0	504373.3	5410700.8	53750.80078	322.44	0	48.849261	-86.940388	56298.18	56239.1	10.89	56309.07	56310.17188	56337.14742	56340.25391	504373.3	5410700.8
L4370.0	504373.3	5410699.3	53750.80078	322.44	0	48.849248	-86.940388	56298.30	56239.1	10.89	56309.19	56310.31250	56342.74998	56345.90625	504373.3	5410699.3
L4370.0	504373.3	5410697.5	53751.00000	325.05	0	48.849231	-86.940388	56298.17	56239.1	10.89	56309.06	56310.20703	56342.46411	56345.66797	504373.3	5410697.5
L4370.0	504373.3	5410696.1	53751.10156	325.23	0	48.849218	-86.940389	56298.23	56239.1	10.89	56309.12	56310.28906	56346.69724	56349.94922	504373.3	5410696.1
L4370.0	504373.3	5410696.1	53751.19922	324.47	0	48.849218	-86.940389	56298.38	56239.1	10.89	56309.27	56310.46094	56353.07234	56356.37109	504373.3	5410696.1
L4370.0	504373.3	5410694.2	53751.30078	324.56	0	48.849202	-86.940389	56298.30	56239.1	10.89	56309.19	56310.40234	56354.05103	56357.39453	504373.3	5410694.2
L4370.0	504373.3	5410692.8	53751.39844	324.09	0	48.849189	-86.940389	56297.92	56239.1	10.89	56308.82	56310.05469	56348.25217	56351.63672	504373.3	5410692.8
L4370.0	504373.3	5410692.8	53751.50000	324.81	0	48.849189	-86.940389	56296.74	56239.1	10.89	56307.63	56308.88672	56323.29475	56326.72266	504373.3	5410692.8
L4370.0	504373.3	5410692.8	53751.60156	326.46	0	48.849189	-86.940389	56297.33	56239.1	10.90	56308.23	56309.51172	56340.33896	56343.81250	504373.3	5410692.8
L4370.0	504373.3	5410689.2	53751.69922	327.16	0	48.849157	-86.940388	56296.77	56239.1	10.90	56307.67	56308.97656	56330.27805	56333.79688	504373.3	5410689.2
L4370.0	504373.3	5410689.2	53751.80078	327.03	0	48.849157	-86.940388	56296.67	56239.1	10.90	56307.57	56308.89844	56331.01316	56334.57031	504373.3	5410689.2
L4370.0	504373.3	5410688.1	53751.89844	325.00	0	48.849147	-86.940388	56296.29	56239.1	10.90	56307.18	56308.53125	56325.04600	56328.64453	504373.3	5410688.1
L4370.0	504373.3	5410686.6	53752.00000	322.71	0	48.849134	-86.940388	56296.54	56239.1	10.90	56307.44	56308.81641	56334.21925	56337.85938	504373.3	5410686.6
L4370.0	504373.3	5410686.6	53752.10156	322.83	0	48.849134	-86.940388	56296.54	56239.1	10.90	56307.44	56308.83984	56337.37541	56341.05469	504373.3	5410686.6
L4370.0	504373.3	5410684.7	53752.19922	323.08	0	48.849117	-86.940388	56296.44	56239.1	10.90	56307.34	56308.76563	56338.24689	56341.96875	504373.3	5410684.7
L4370.0	504373.3	5410683.2	53752.30078	323.38	0	48.849103	-86.940388	56295.95	56239.1	10.90	56306.84	56308.29297	56329.94024	56333.69922	504373.3	5410683.2
L4370.0	504373.3	5410681.4	53752.39844	322.67	0	48.849086	-86.940388	56294.94	56239.1	10.90	56305.83	56307.30469	56309.98487	56313.78125	504373.3	5410681.4
L4370.0	504373.3	5410681.4	53752.50000	324.12	0	48.849086	-86.940388	56295.39	56239.1	10.90	56306.28	56307.78125	56323.64899	56327.48438	504373.3	5410681.4
L4370.0	504373.3	5410679.7	53752.60156	323.57	0	48.849072	-86.940388	56295.01	56239.1	10.89	56305.90	56307.42578	56318.29039	56322.16797	504373.3	5410679.7
L4370.0	504373.3	5410678.3	53752.69922	322.48	0	48.849058	-86.940388	56294.83	56239.1	10.89	56305.72	56307.27344	56317.56159	56321.47656	504373.3	5410678.3
L4370.0	504373.3	5410678.3	53752.80078	321.75	0	48.849058	-86.940388	56294.27	56239.1	10.89	56305.16	56306.73828	56308.19138	56312.14453	504373.3	5410678.3
L4370.0	504373.3	5410676.6	53752.80078	321.75	0	48.849043	-86.940388	56294.02	56239.1	10.89	56304.91	56306.51563	56305.95000	56309.93750	504373.3	5410676.6
L4370.0	504373.3	5410675.5	53753.00000	322.59	0	48.849034	-86.940388	56293.94	56239.1	10.89	56304.83	56306.46484	56307.62109	56311.64844	504373.3	5410675.5
L4370.0	504373.3	5410675.5	53753.10156	321.98	0	48.849034	-86.940388	56293.38	56239.1	10.89	56304.27	56305.92969	56298.37541	56302.44141	504373.3	5410675.5
L4370.0	504373.3	5410674.1	53753.19922	323.49	0	48.849021	-86.940388	56293.52	56239.1	10.90	56304.42	56306.10938	56305.34948	56309.45313	504373.3	5410674.1
L4370.0	504373.3	5410672.8	53753.30078	323.67	0	48.849010	-86.940389	56293.25	56239.1	10.90	56304.15	56305.86719	56302.77107	56306.91016	504373.3	5410672.8
L4370.0	504373.3	5410671.2	53753.39844	324.15	0	48.848994	-86.940389	56293.22	56239.1	10.90	56304.13	56305.87500	56305.92201	56310.09766	504373.3	5410671.2
L4370.0	504373.3	5410671.2	53753.50000	323.43	0	48.848994	-86.940389	56292.68	56239.1	10.90	56303.59	56305.35938	56297.21727	56301.42578	504373.3	5410671.2
L4370.0	504373.3	5410669.6	53753.60156	322.67	0	48.848981	-86.940389	56292.71	56239.1	10.91	56303.61	56305.41016	56301.32688	56305.57422	504373.3	5410669.6
L4370.0	504373.3	5410669.6	53753.69922	322.97	0	48.848981	-86.940389	56292.36	56239.1	10.91	56303.27	56305.09766	56297.21737	56301.50391	504373.3	5410669.6
L4370.0	504373.2	5410667.7	53753.80078	323.06	0	48.848963	-86.940390	56292.91	56239.1	10.91	56303.83	56305.68750	56313.76257	56318.08594	504373.2	5410667.7
L4370.0	504373.2	5410665.8	53753.89844	324.30	0	48.848946	-86.940390	56293.36	56239.1	10.92	56304.27	56306.15625	56327.61387	56331.97266	504373.2	5410665.8
L4370.0	504373.2	5410664.4	53754.00000	322.33	0	48.848934	-86.940390	56293.68	56239.1	10.92	56304.60	56306.51563	56338.98724	56343.38281	504373.2	5410664.4
L4370.0	504373.2	5410664.4	53754.10156	320.76	0	48.848934	-86.940390	56293.38	56239.1	10.92	56304.30	56306.24609	56335.88357	56340.31641	504373.2	5410664.4
L4370.0	504373.1	5410663.0	53754.19922	321.21	0	48.848921	-86.940391	56293.22	56239.1	10.92	56304.14	56306.11719	56336.00524	56340.47656	504373.1	5410663.0
L4370.0	504373.1	5410661.3	53754.30078	323.02	0	48.848906	-86.940391	56293.32	56239.1	10.92	56304.24	56306.24609	56342.13051	56346.64063	504373.1	5410661.3
L4370.0	504373.1	5410661.3	53754.39844	324.14	0	48.848906	-86.940391	56292.46	56239.1	10.92	56303.38	56305.41797	56326.07643	56330.62109	504373.1	5410661.3
L4370.0	504373.1	5410659.7	53754.50000	323.77	0	48.848891	-86.940392	56292.18	56239.1	10.92	56303.09	56305.15625	56323.17612	56327.75781	504373.1	5410659.7
L4370.0	504373.0	5410657.9	53754.60156	323.58	0	48.848875	-86.940392	56291.64	56239.1	10.91	56302.56	56304.66016	56314.72044	56319.34375	504373.0	5410657.9
L4370.0	504373.0	5410657.9	53754.69922	324.68	0	48.848875	-86.940392	56292.33	56239.1	10.91	56303.24	56305.37109	56334.21236	56338.87500	504373.0	5410657.9
L4370.0	504373.0	5410656.5	53754.80078	324.35	0	48.848863	-86.940393	56292.16	56239.1	10.91	56303.07	56305.23047	56334.04020	56338.74219	504373.0	5410656.5
L4370.0	504373.0	5410654.7	53754.80078	324.35	0	48.848846	-86.940393	56292.15	56239.1	10.91	56303.06	56305.25391	56337.53368	56342.27344	504373.0	5410654.7
L4370.0	504372.9	5410652.8	53755.00000	321.70	0	48.848829	-86.940394	56291.79	56239.1	10.91	56302.70	56304.92578	56332.94582	56337.72656	504372.9	5410652.8
L4370.0	504372.9	5410652.8	53755.10156	323.50	0	48.848829	-86.940394	56291.46	56239.1	10.91	56302.37	56304.62891	56329.04540	56333.86719	504372.9	5410652.8
L4370.0	504372.9	5410652.8	53755.19922	321.77	0	48.848829	-86.940394	56291.48	56239.1	10.91	56302.39	56304.67969	56333.14701	56338.01172	504372.9	5410652.8
L4370.0	504372.9	5410651.5	53755.30078	321.75	0	48.848818	-86.940394	56290.97	56239.1	10.90	56301.87	56304.19141	56324.89663	56329.80078	504372.9	5410651.5
L4370.0	504372.9	5410649.8	53755.39844	323.16	0	48.848802	-86.940394	56291.00	56239.1	10.90	56301.91	56304.26563	56329.39653	56334.33984	504372.9	5410649.8
L4370.0	504372.9	5410647.9	53755.50000	325.11	0	48.848785	-86.940395	56290.21	56239.1	10.90	56301.11	56303.50000	56314.84975	56319.83594	504372.9	5410647.9
L4370.0	504372.9	5410647.9	53755.60156	325.48	0	48.848785	-86.940395	56290.34	56239.1	10.90	56301.24	56303.66406	56321.34608	56326.37500	504372.9	5410647.9
L4370.0	504372.8	5410646.2	53755.69922	323.73	0	48.848770	-86.940395	56290.03	56239.1	10.90	56300.92	56303.37500	56317.68306	56322.75781	504372.8	5410646.2

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4370.0	504372.8	5410644.6	53755.80078	323.72	0	48.848756	-86.940396	56290.21	56239.1	10.89	56301.10	56303.58984	56325.20215	56330.32031	504372.8	5410644.6
L4370.0	504372.8	5410644.6	53755.89844	322.65	0	48.848756	-86.940396	56290.01	56239.1	10.89	56300.90	56303.42188	56324.19747	56329.35547	504372.8	5410644.6
L4370.0	504372.7	5410643.2	53756.00000	322.03	0	48.848743	-86.940396	56289.75	56239.1	10.89	56300.64	56303.19922	56321.86181	56327.06641	504372.7	5410643.2
L4370.0	504372.7	5410641.6	53756.10156	319.11	0	48.848729	-86.940397	56289.35	56239.1	10.89	56300.24	56302.83203	56316.44510	56321.69531	504372.7	5410641.6
L4370.0	504372.7	5410641.6	53756.19922	319.68	0	48.848729	-86.940397	56288.42	56239.1	10.89	56299.31	56301.93750	56299.39632	56304.69141	504372.7	5410641.6
L4370.0	504372.7	5410639.5	53756.30078	318.74	0	48.848710	-86.940397	56288.09	56239.1	10.89	56298.99	56301.65234	56295.82167	56301.16406	504372.7	5410639.5
L4370.0	504372.7	5410639.5	53756.39844	318.51	0	48.848710	-86.940397	56287.31	56239.1	10.89	56298.20	56300.89844	56281.96626	56287.35547	504372.7	5410639.5
L4370.0	504372.7	5410638.3	53756.50000	320.07	0	48.848699	-86.940398	56288.35	56239.1	10.90	56299.24	56301.97266	56308.12221	56313.55469	504372.7	5410638.3
L4370.0	504372.6	5410636.7	53756.60156	320.95	0	48.848685	-86.940398	56288.19	56239.1	10.90	56299.08	56301.84766	56308.00985	56313.49219	504372.6	5410636.7
L4370.0	504372.6	5410635.3	53756.69922	321.09	0	48.848672	-86.940398	56288.50	56239.1	10.90	56299.40	56302.20313	56318.34806	56323.87891	504372.6	5410635.3
L4370.0	504372.6	5410633.4	53756.80078	322.25	0	48.848655	-86.940398	56288.12	56239.1	10.90	56299.02	56301.85938	56313.42921	56319.00781	504372.6	5410633.4
L4370.0	504372.6	5410633.4	53756.80078	322.25	0	48.848655	-86.940398	56287.54	56239.1	10.90	56298.43	56301.30469	56303.94188	56309.57031	504372.6	5410633.4
L4370.0	504372.6	5410631.8	53757.00000	322.53	0	48.848640	-86.940398	56287.61	56239.1	10.90	56298.51	56301.42188	56309.03608	56314.71094	504372.6	5410631.8
L4370.0	504372.6	5410631.8	53757.10156	323.56	0	48.848640	-86.940398	56287.23	56239.1	10.90	56298.13	56301.07813	56304.11192	56309.83984	504372.6	5410631.8
L4370.0	504372.6	5410630.1	53757.19922	323.41	0	48.848625	-86.940398	56287.31	56239.1	10.90	56298.20	56301.18750	56308.98954	56314.76953	504372.6	5410630.1
L4370.0	504372.6	5410628.5	53757.30078	322.58	0	48.848610	-86.940398	56287.14	56239.1	10.90	56298.04	56301.06250	56308.85684	56314.68359	504372.6	5410628.5
L4370.0	504372.6	5410628.5	53757.39844	320.81	0	48.848610	-86.940398	56287.86	56239.1	10.90	56298.76	56301.82031	56327.96426	56333.83984	504372.6	5410628.5
L4370.0	504372.6	5410627.0	53757.50000	320.90	0	48.848598	-86.940398	56287.38	56239.1	10.90	56298.27	56301.36719	56320.63821	56326.56641	504372.6	5410627.0
L4370.0	504372.6	5410625.6	53757.60156	320.89	0	48.848585	-86.940398	56287.36	56239.1	10.89	56298.25	56301.38281	56323.60043	56329.58203	504372.6	5410625.6
L4370.0	504372.6	5410624.3	53757.69922	322.26	0	48.848573	-86.940398	56286.23	56239.1	10.89	56297.12	56300.28906	56302.18385	56308.21484	504372.6	5410624.3
L4370.0	504372.6	5410624.3	53757.80078	322.15	0	48.848573	-86.940398	56286.69	56239.1	10.89	56297.58	56300.78906	56315.69396	56321.77734	504372.6	5410624.3
L4370.0	504372.6	5410622.7	53757.89844	323.76	0	48.848558	-86.940398	56286.51	56239.1	10.89	56297.40	56300.64453	56315.14157	56321.27344	504372.6	5410622.7
L4370.0	504372.6	5410621.0	53758.00000	324.50	0	48.848544	-86.940398	56286.57	56239.1	10.89	56297.46	56300.74219	56319.88801	56326.07422	504372.6	5410621.0
L4370.0	504372.6	5410621.0	53758.10156	323.04	0	48.848544	-86.940398	56286.36	56239.1	10.89	56297.25	56300.57031	56318.68605	56324.92188	504372.6	5410621.0
L4370.0	504372.6	5410619.1	53758.19922	322.88	0	48.848527	-86.940398	56286.02	56239.1	10.89	56296.91	56300.26953	56314.61358	56320.90625	504372.6	5410619.1
L4370.0	504372.6	5410617.7	53758.30078	321.83	0	48.848514	-86.940398	56285.88	56239.1	10.89	56296.76	56300.15625	56314.74775	56321.08984	504372.6	5410617.7
L4370.0	504372.6	5410617.7	53758.39844	320.94	0	48.848514	-86.940398	56285.26	56239.1	10.89	56296.15	56299.58594	56304.70432	56311.09766	504372.6	5410617.7
L4370.0	504372.6	5410615.9	53758.50000	319.31	0	48.848497	-86.940398	56285.18	56239.1	10.89	56296.07	56299.54297	56306.40703	56312.85156	504372.6	5410615.9
L4370.0	504372.6	5410614.5	53758.60156	321.45	0	48.848485	-86.940398	56284.50	56239.1	10.89	56295.39	56298.90234	56294.82324	56301.32031	504372.6	5410614.5
L4370.0	504372.6	5410614.5	53758.69922	322.24	0	48.848485	-86.940398	56284.98	56239.1	10.89	56295.87	56299.41797	56308.97985	56315.52734	504372.6	5410614.5
L4370.0	504372.7	5410613.1	53758.80078	322.84	0	48.848472	-86.940398	56284.44	56239.1	10.89	56295.33	56298.91797	56300.52864	56307.12891	504372.7	5410613.1
L4370.0	504372.7	5410611.7	53758.80078	322.84	0	48.848459	-86.940398	56284.90	56239.1	10.89	56295.79	56299.41406	56314.30307	56320.95313	504372.7	5410611.7
L4370.0	504372.7	5410610.3	53759.00000	322.90	0	48.848447	-86.940398	56284.32	56239.1	10.89	56295.21	56298.87500	56304.99800	56311.69531	504372.7	5410610.3
L4370.0	504372.7	5410610.3	53759.10156	324.04	0	48.848447	-86.940398	56284.27	56239.1	10.89	56295.16	56298.86328	56307.49611	56314.24609	504372.7	5410610.3
L4370.0	504372.7	5410608.5	53759.19922	322.92	0	48.848431	-86.940398	56283.83	56239.1	10.89	56294.72	56298.46094	56301.33552	56308.13672	504372.7	5410608.5
L4370.0	504372.7	5410607.1	53759.30078	322.63	0	48.848418	-86.940398	56283.68	56239.1	10.89	56294.56	56298.33984	56301.43225	56308.28125	504372.7	5410607.1
L4370.0	504372.7	5410607.1	53759.39844	322.39	0	48.848418	-86.940398	56283.96	56239.1	10.89	56294.85	56298.66797	56311.60518	56318.50000	504372.7	5410607.1
L4370.0	504372.7	5410605.5	53759.50000	322.55	0	48.848404	-86.940398	56283.78	56239.1	10.88	56294.66	56298.51563	56311.09586	56318.03906	504372.7	5410605.5
L4370.0	504372.7	5410603.9	53759.60156	322.49	0	48.848389	-86.940398	56283.86	56239.1	10.88	56294.74	56298.63672	56316.65382	56323.64844	504372.7	5410603.9
L4370.0	504372.7	5410603.9	53759.69922	322.05	0	48.848389	-86.940398	56283.51	56239.1	10.88	56294.39	56298.32422	56312.61315	56319.65234	504372.7	5410603.9
L4370.0	504372.7	5410602.0	53759.80078	321.28	0	48.848372	-86.940398	56283.83	56239.1	10.88	56294.71	56298.68359	56323.60467	56330.69141	504372.7	5410602.0
L4370.0	504372.7	5410600.4	53759.89844	323.47	0	48.848358	-86.940397	56283.55	56239.1	10.88	56294.43	56298.44141	56321.17149	56328.30078	504372.7	5410600.4
L4370.0	504372.7	5410600.4	53760.00000	321.96	0	48.848358	-86.940397	56284.06	56239.1	10.88	56294.94	56298.98828	56336.45292	56343.62500	504372.7	5410600.4
L4370.0	504372.7	5410598.8	53760.10156	322.91	0	48.848343	-86.940397	56283.84	56239.1	10.88	56294.72	56298.80859	56335.38256	56342.60156	504372.7	5410598.8
L4370.0	504372.8	5410596.7	53760.19922	323.91	0	48.848325	-86.940396	56283.37	56239.1	10.87	56294.24	56298.36719	56328.51166	56335.77344	504372.8	5410596.7
L4370.0	504372.8	5410596.7	53760.30078	325.05	0	48.848325	-86.940396	56282.78	56239.1	10.87	56293.65	56297.81641	56319.22158	56326.52344	504372.8	5410596.7
L4370.0	504372.8	5410595.4	53760.39844	324.77	0	48.848313	-86.940396	56282.30	56239.1	10.87	56293.17	56297.37109	56312.43525	56319.77734	504372.8	5410595.4
L4370.0	504372.8	5410594.0	53760.50000	324.59	0	48.848301	-86.940396	56282.45	56239.1	10.86	56293.31	56297.55078	56319.46192	56326.84375	504372.8	5410594.0
L4370.0	504372.8	5410594.0	53760.60156	324.22	0	48.848301	-86.940396	56282.00	56239.1	10.86	56292.86	56297.14063	56313.41170	56320.83203	504372.8	5410594.0
L4370.0	504372.8	5410592.9	53760.69922	322.16	0	48.848290	-86.940396	56282.20	56239.1	10.86	56293.06	56297.37891	56321.74766	56329.20703	504372.8	5410592.9
L4370.0	504372.9	5410591.4	53760.80078	322.45	0	48.848277	-86.940395	56281.63	56239.1	10.86	56292.49	56296.84766	56313.13334	56320.62891	504372.9	5410591.4
L4370.0	504372.9	5410589.8	53760.80078	322.45	0	48.848262	-86.940395	56282.13	56239.1	10.86	56292.98	56297.37500	56327.77983	56335.30469	504372.9	5410589.8
L4370.0	504372.9	5410589.8	53761.00000	323.23	0	48.848262	-86.940395	56281.54	56239.2	10.85	56292.39	56296.82031	56318.81397	56326.37109	504372.9	5410589.8
L4370.0	504372.9	5410588.1	53761.10156	323.10	0	48.848247	-86.940395	56281.22	56239.2	10.85	56292.07	56296.53906	56315.79970	56323.39063	504372.9	5410588.1
L4370.0	504372.9	5410586.9	53761.19922	322.90	0	48.848237	-86.940394	56280.69	56239.2	10.85	56291.54	56296.04688	56308.30711	56315.92969	504372.9	5410586.9
L4370.0	504372.9	5410585.7	53761.30078	320.14	0	48.848226	-86.940394	56280.34	56239.2	10.85	56291.18	56295.72656	56304.55616	56312.20703	504372.9	5410585.7
L4370.0	504372.9	5410585.7	53761.39844	319.90	0	48.848226	-86.940394	56280.48	56239.2	10.85	56291.33	56295.91406	56311.77300	56319.44922	504372.9	5410585.7
L4370.0	504372.9	5410583.9	53761.50000	319.17	0	48.848210	-86.940394	56280.39	56239.2	10.85	56291.24	56295.85938	56313.84875	56321.54688	504372.9	5410583.9
L4370.0	504372.9	5410582.8	53761.60156	317.65	0	48.848200	-86.940394	56280.71	56239.2	10.84	56291.56	56296.21875	56324.65717	56332.38281	504372.9	5410582.8
L4370.0	504372.9	5410581.0	53761.69922	317.66	0	48.848184	-86.940394	56279.98	56239.2	10.84	56290.82	56295.51563	56312.97208	56320.71875	504372.9	5410581.0
L4370.0	504372.9	5410581.0	53761.80078	317.77	0	48.848184	-86.940394	56280.36	56239.2	10.84	56291.20	56295.93359	56325.07683	56332.84375	504372.9	5410581.0
L4370.0	504372.9	5410579.6	53761.89844	319.32	0	48.848171	-86.940394	56279.54	56239.2	10.84	56290.38	56295.14844	56311.82076	56319.60156	504372.9	5410579.6
L4370.0	504372.9	5410579.6	53762.00000	320.31	0	48.848171	-86.940394	56279.65	56239.2	10.84	56290.49	56295.29688	56318.28012	56326.07813	504372.9	5410579.6
L4370.0	504372.9	5410577.7	53762.10156	320.41	0	48.848154	-86.940394	56278.88	56239.2	10.84	56289.72	56294.56250	56306.16473	56313.97656	504372.9	5410577.7
L4370.0	504372.9	5410576.2	53762.19922	320.49	0	48.848140	-86.940394	56278.70	56239.2	10.84	56289.54	56294.41797	56306.55869	56314.38672	504372.9	5410576.2
L4370.0	504372.9	5410574.6	53762.30078	320.20	0	48.848126	-86.940395	56278.57	56239.2	10.84	56289.40	56294.31641	56307.83693	56315.67188	504372.9	5410574.6
L4370.0	504372.9	5410573.1	53762.39844	321.47	0	48.848112	-86.940395	56278.19	56239.2	10.84	56289.02	56293.97266	56304.03332	56311.87500	504372.9	5410573.1
L4370.0	504372.9	5410573.1	53762.50000	321.23	0	48.848112	-86.940395	56278.09	56239.2	10.83	56288.93	56293.91797	56306.43828	56314.28516	504372.9	5410573.1
L4370.0	504372.9	5410571.4	53762.60156	321.54	0	48.848098	-86.940395	56278.06	56239.2	10.83	56288.89	56293.91406	56309.96334	56317.81641	504372.9	5410571.4
L4370.0	504372.9	5410571.4	53762.69922	322.78	0	48.848098	-86.940395	56277.93	56239.2	10.83	56288.77	56293.82813	56311.81138	56319.66797	504372.9	5410571.4
L4370.0	504372.9	5410569.5	53762.80078	321.98	0	48.848080	-86.940395	56277.70	56239.2	10.83	56288.54	56293.63672	56311.30112	56319.15625	504372.9	5410569.5
L4370.0	504372.9	5410567.9	53762.80078	321.98	0	48.848065	-86.940395	56277.58	56239.2	10.83	56288.41	56293.54297	56312.98081	56320.83203	504372.9	5410567.9
L4370.0	504372.9	5410566.7	53763.00000	321.70	0	48.848055	-86.940396	56276.74	56239.2	10.83	56287.57	56292.73828	56299.08905	56306.93359	504372.9	5410566.7
L4370.0	504372.8	5410565.2	53763.10156	322.89	0	48.848042	-86.940396	56276.36	56239.2	10.83	56287.18	56292.38281	56294.99912	56302.83594	504372.8	5410565.2
L4370.0	504372.8	5410565.2	53763.19922	323.60	0	48.848042	-86.940396	56275.82	56239.2	10.82	56286.64	56291.87891	56287.55506	56295.38672	504372.8	5410565.2
L4370.0	504372.8	5410563.7	53763.30078	323.13	0	48.848028	-86.940396	56275.70	56239.2	10.82	56286.51	56291.78125	56289.17644	56296.99219	504372.8	5410563.7
L4370.0	504372.8	5410562.5	53763.39844	323.60	0	48.848017	-86.940397	56275.46	56239.2	10.81	56286.27	56291.57813	56288.36018	56296.16016	504372.8	5410562.5
L4370.0	504372.8	5410560.7	53763.50000	323.59	0	48.848001	-86.940397	56275.39	56239.2	10.81	56286.20	56291.54297	56291.34528	56299.12891	504372.8	5410560.7
L4370.0	504372.8	5410560.7	53763.60156	322.81	0	48.848001	-86.940397	56274.95	56239.2	10.81	56285.75	56291.12500	56285.83076	56293.59766	504372.8	5410560.7
L4370.0	504372.7	5410558.6	53763.69922	323.59	0	48.847982	-86.940398	56274.36	56239.2	10.80	56285.17	56290.58203	56277.38574	56285.13281	504372.7	5410558.6
L4370.0	504372.7	5410557.7	53763.80078	323.64	0	48.847974	-86.940398	56274.11	56239.2	10.80	56284.91	56290.35547	56276.11671	56283.83984	504372.7	5410557.7
L4370.0	504372.7	5410557.7	53763.89844	323.96	0	48.847974	-86.940398	56273.54	56239.2	10.79	56284.33	56289.80859	56267.67243	56275.36719	504372.7	5410557.7
L4370.0	504372.7	5410556.3	53764.00000	324.10	0	48.847961	-86.940398	56273.50	56239.2	10.79	56284.29	56289.80078	56271.36074	56279.02344	504372.7	5410556.3
L4370.0	504372.7	5410556.3	53764.10156	322.86	0	48.847961	-86.940398	56273.12	56239.2	10.79	56283.91	56289.45703	56267.43405	56275.07031	504372.7	5410556.3
L4370.0	504372.7	5410554.5	53764.19922	322.62	0	48.847945	-86.940398	56273.62	56239.2	10.79	56284.41	56289.98828	56283.20623	56290.80859	504372.7	5410554.5
L4370.0	504372.7	5410552.9	53764.30078	322.83	0	48.847931	-86.940398	56274.39	56239.2	10.79	56285.17	56290.78125	56304.71407	56312.28125	504372.7	5410552.9
L4370.0	504372.7	5410551.5	53764.39844	323.87	0	48.847918	-86.940399	56274.85	56239.2	10.79	56285.63	56291.27734	56319.43226	56326.96094	504372.7	5410551.5
L4370.0	504372.6	5410550.4	53764.50000	321.84	0	48.847908	-86.940399	56274.91	56239.2	10.79	56285.69	56291.36719	56325.18256	56332.66797	504372.6	5410550.4
L4370.0	504372.6	5410550.4	53764.60156	321.85	0	48.847908	-86.940399	56274.49	56239.2	10.78	56285.27	56290.98047	56320.27350	56327.71875	504372.6	5410550.4
L4370.0	504372.6	5410549.2	53764.69922	320.19	0	48.847898	-86.940399	56273.84	56239.2	10.78	56284.63	56290.37500	56310.54252	56317.94531	504372.6	5410549.2
L4370.0	504372.6	5410547.9	53764.80078	320.57	0	48.847886	-86.940399	56272.96	56239.2	10.78	56283.74	56289.51563	56295.38499	56302.74219	504372.6	5410547.9
L4370.0	504372.6	5410547.9	53764.80078	320.57	0	48.847886	-86.940399	56272.63	56239.2	10.78	56283.41	56289.21875	56292.58746	56299.89063	504372.6	5410547.9
L4370.0	504372.6	5410546.3	53765.00000	321.08	0	48.847872	-86.940399	56272.71	56239.2	10.78	56283.49	56289.33203	56298.75480	56306.00781	504372.6	5410546.3

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4370.0	504372.6	5410544.9	53765.10156	322.02	0	48.847859	-86.940400	56273.08	56239.2	10.78	56283.86	56289.73438	56311.19702	56318.39844	504372.6	5410544.9
L4370.0	504372.6	5410543.8	53765.19922	323.96	0	48.847849	-86.940400	56272.71	56239.2	10.77	56283.48	56289.38672	56307.31078	56314.45703	504372.6	5410543.8
L4370.0	504372.6	5410543.8	53765.30078	322.51	0	48.847849	-86.940400	56272.68	56239.2	10.77	56283.45	56289.38672	56311.03506	56318.12500	504372.6	5410543.8
L4370.0	504372.6	5410542.4	53765.39844	322.12	0	48.847837	-86.940400	56272.60	56239.2	10.77	56283.37	56289.33984	56313.68369	56320.71094	504372.6	5410542.4
L4370.0	504372.5	5410540.8	53765.50000	323.98	0	48.847822	-86.940400	56272.50	56239.2	10.76	56283.27	56289.26953	56315.91566	56322.88281	504372.5	5410540.8
L4370.0	504372.5	5410540.8	53765.60156	322.04	0	48.847822	-86.940400	56272.29	56239.2	10.76	56283.06	56289.09375	56315.79506	56322.69922	504372.5	5410540.8
L4370.0	504372.5	5410539.2	53765.69922	320.65	0	48.847807	-86.940401	56271.91	56239.2	10.76	56282.67	56288.73438	56311.81503	56318.65625	504372.5	5410539.2
L4370.0	504372.5	5410537.4	53765.80078	319.89	0	48.847791	-86.940401	56271.78	56239.2	10.76	56282.54	56288.63672	56313.47625	56320.25000	504372.5	5410537.4
L4370.0	504372.5	5410536.2	53765.89844	320.89	0	48.847780	-86.940401	56271.45	56239.2	10.75	56282.21	56288.33594	56310.84228	56317.54297	504372.5	5410536.2
L4370.0	504372.5	5410536.2	53766.00000	321.69	0	48.847780	-86.940401	56271.33	56239.3	10.75	56282.08	56288.23828	56312.56646	56319.19531	504372.5	5410536.2
L4370.0	504372.5	5410534.3	53766.10156	322.77	0	48.847763	-86.940401	56270.77	56239.2	10.75	56281.52	56287.70703	56304.97847	56311.53906	504372.5	5410534.3
L4370.0	504372.5	5410532.6	53766.19922	320.84	0	48.847748	-86.940400	56270.62	56239.2	10.75	56281.37	56287.58984	56306.32062	56312.80859	504372.5	5410532.6
L4370.0	504372.6	5410531.3	53766.30078	321.24	0	48.847736	-86.940400	56270.30	56239.2	10.75	56281.05	56287.30078	56303.97863	56310.39063	504372.6	5410531.3
L4370.0	504372.6	5410531.3	53766.39844	322.07	0	48.847736	-86.940400	56270.44	56239.2	10.75	56281.19	56287.46875	56311.77836	56318.11328	504372.6	5410531.3
L4370.0	504372.6	5410529.5	53766.50000	321.84	0	48.847720	-86.940400	56270.13	56239.2	10.75	56280.88	56287.19141	56309.73277	56315.98828	504372.6	5410529.5
L4370.0	504372.6	5410529.5	53766.60156	321.97	0	48.847720	-86.940400	56270.08	56239.2	10.76	56280.83	56287.17188	56313.49371	56319.67188	504372.6	5410529.5
L4370.0	504372.6	5410528.0	53766.69922	323.03	0	48.847707	-86.940400	56269.94	56239.2	10.76	56280.70	56287.07031	56315.54781	56321.64453	504372.6	5410528.0
L4370.0	504372.6	5410526.4	53766.80078	323.17	0	48.847693	-86.940399	56269.77	56239.2	10.76	56280.53	56286.93359	56316.76480	56322.78125	504372.6	5410526.4
L4370.0	504372.6	5410525.0	53766.80078	323.17	0	48.847680	-86.940399	56269.13	56239.2	10.76	56279.89	56286.32031	56307.34136	56313.26953	504372.6	5410525.0
L4370.0	504372.6	5410525.0	53767.00000	325.00	0	48.847680	-86.940399	56268.72	56239.2	10.76	56279.48	56285.94141	56303.08132	56308.92578	504372.6	5410525.0
L4370.0	504372.7	5410523.3	53767.10156	322.59	0	48.847665	-86.940399	56268.59	56239.2	10.76	56279.35	56285.84375	56305.25459	56311.01563	504372.7	5410523.3
L4370.0	504372.7	5410522.0	53767.19922	322.93	0	48.847653	-86.940399	56267.75	56239.2	10.75	56278.50	56285.02344	56290.72994	56296.40625	504372.7	5410522.0
L4370.0	504372.7	5410520.3	53767.30078	323.30	0	48.847638	-86.940399	56267.81	56239.3	10.75	56278.56	56285.11328	56297.35337	56302.94141	504372.7	5410520.3
L4370.0	504372.7	5410520.3	53767.39844	323.71	0	48.847638	-86.940399	56267.32	56239.3	10.74	56278.07	56284.65234	56291.11589	56296.61328	504372.7	5410520.3
L4370.0	504372.7	5410518.8	53767.50000	323.12	0	48.847624	-86.940399	56267.01	56239.3	10.74	56277.75	56284.36328	56288.86440	56294.27344	504372.7	5410518.8
L4370.0	504372.6	5410517.2	53767.60156	322.85	0	48.847610	-86.940399	56266.68	56239.3	10.74	56277.42	56284.06250	56286.38034	56291.69922	504372.6	5410517.2
L4370.0	504372.6	5410517.2	53767.69922	324.63	0	48.847610	-86.940399	56266.79	56239.3	10.73	56277.52	56284.19141	56294.21442	56299.44531	504372.6	5410517.2
L4370.0	504372.6	5410515.9	53767.80078	326.01	0	48.847598	-86.940400	56267.06	56239.3	10.73	56277.79	56284.49219	56306.22696	56311.36719	504372.6	5410515.9
L4370.0	504372.6	5410515.9	53767.89844	326.57	0	48.847598	-86.940400	56267.38	56239.3	10.72	56278.10	56284.83203	56319.29073	56324.33594	504372.6	5410515.9
L4370.0	504372.6	5410513.9	53768.00000	325.60	0	48.847580	-86.940400	56266.45	56239.3	10.72	56277.17	56283.93359	56302.46916	56307.42188	504372.6	5410513.9
L4370.0	504372.5	5410512.3	53768.10156	326.64	0	48.847566	-86.940401	56265.79	56239.3	10.72	56276.50	56283.29297	56291.92294	56296.78516	504372.5	5410512.3
L4370.0	504372.5	5410510.5	53768.19922	326.38	0	48.847550	-86.940401	56265.31	56239.3	10.72	56276.02	56282.84375	56286.00339	56290.77344	504372.5	5410510.5
L4370.0	504372.5	5410510.5	53768.30078	326.39	0	48.847550	-86.940401	56265.20	56239.3	10.72	56275.92	56282.77344	56289.30238	56293.97656	504372.5	5410510.5
L4370.0	504372.5	5410509.3	53768.39844	325.87	0	48.847539	-86.940402	56264.86	56239.3	10.72	56275.58	56282.46484	56286.86272	56291.44141	504372.5	5410509.3
L4370.0	504372.4	5410507.9	53768.50000	326.04	0	48.847526	-86.940402	56264.16	56239.3	10.72	56274.88	56281.79297	56275.85131	56280.33594	504372.4	5410507.9
L4370.0	504372.4	5410506.6	53768.60156	326.10	0	48.847514	-86.940402	56263.64	56239.3	10.71	56274.36	56281.30469	56269.27239	56273.66406	504372.4	5410506.6
L4370.0	504372.4	5410506.6	53768.69922	325.97	0	48.847514	-86.940402	56263.56	56239.3	10.71	56274.28	56281.25391	56273.28476	56277.58594	504372.4	5410506.6
L4370.0	504372.4	5410504.8	53768.80078	323.83	0	48.847498	-86.940402	56263.97	56239.3	10.71	56274.68	56281.68359	56288.71401	56292.91797	504372.4	5410504.8
L4370.0	504372.4	5410504.8	53768.80078	323.83	0	48.847498	-86.940402	56264.24	56239.3	10.71	56274.95	56281.98438	56301.00752	56305.11719	504372.4	5410504.8
L4370.0	504372.4	5410503.4	53769.00000	323.78	0	48.847485	-86.940403	56264.05	56239.3	10.71	56274.76	56281.82422	56302.44729	56306.46094	504372.4	5410503.4
L4370.0	504372.4	5410501.7	53769.10156	322.56	0	48.847471	-86.940403	56263.63	56239.3	10.71	56274.33	56281.42578	56298.33027	56302.25391	504372.4	5410501.7
L4370.0	504372.4	5410500.6	53769.19922	321.11	0	48.847461	-86.940403	56262.67	56239.3	10.71	56273.37	56280.49609	56281.97662	56285.80859	504372.4	5410500.6
L4370.0	504372.4	5410499.0	53769.30078	322.07	0	48.847446	-86.940403	56262.89	56239.3	10.70	56273.59	56280.74609	56293.22388	56296.96094	504372.4	5410499.0
L4370.0	504372.4	5410499.0	53769.39844	322.78	0	48.847446	-86.940403	56262.77	56239.3	10.70	56273.47	56280.65625	56296.61059	56300.25391	504372.4	5410499.0
L4370.0	504372.4	5410497.0	53769.50000	321.57	0	48.847428	-86.940403	56263.24	56239.3	10.70	56273.94	56281.16016	56313.67023	56317.21875	504372.4	5410497.0
L4370.0	504372.4	5410497.0	53769.60156	322.53	0	48.847428	-86.940403	56263.07	56239.3	10.70	56273.77	56281.01953	56316.02482	56319.48438	504372.4	5410497.0
L4370.0	504372.4	5410495.6	53769.69922	323.72	0	48.847415	-86.940403	56262.70	56239.3	10.70	56273.40	56280.67969	56313.89306	56317.26172	504372.4	5410495.6
L4370.0	504372.4	5410493.7	53769.80078	324.98	0	48.847398	-86.940402	56261.94	56239.3	10.69	56272.63	56279.94141	56302.71739	56305.99219	504372.4	5410493.7
L4370.0	504372.4	5410493.7	53769.89844	323.83	0	48.847398	-86.940402	56260.63	56239.3	10.69	56271.33	56278.67188	56279.53733	56282.72266	504372.4	5410493.7
L4370.0	504372.4	5410492.0	53770.00000	324.33	0	48.847383	-86.940402	56261.73	56239.3	10.69	56272.42	56279.79688	56311.21816	56314.31250	504372.4	5410492.0
L4370.0	504372.4	5410492.0	53770.10156	323.36	0	48.847383	-86.940402	56261.19	56239.3	10.69	56271.88	56279.28906	56305.68254	56308.68750	504372.4	5410492.0
L4370.0	504372.4	5410489.8	53770.19922	324.20	0	48.847363	-86.940402	56261.05	56239.3	10.69	56271.73	56279.16797	56309.20300	56312.12109	504372.4	5410489.8
L4370.0	504372.4	5410488.4	53770.30078	323.61	0	48.847350	-86.940402	56260.06	56239.3	10.68	56270.75	56278.22266	56293.78136	56296.61328	504372.4	5410488.4
L4370.0	504372.4	5410488.4	53770.39844	323.66	0	48.847350	-86.940402	56260.28	56239.3	10.68	56270.96	56278.46484	56305.80887	56308.55469	504372.4	5410488.4
L4370.0	504372.4	5410486.5	53770.50000	324.78	0	48.847334	-86.940402	56260.25	56239.3	10.68	56270.93	56278.46484	56312.45641	56315.11328	504372.4	5410486.5
L4370.0	504372.4	5410484.9	53770.60156	325.13	0	48.847319	-86.940402	56259.63	56239.3	10.68	56270.31	56277.87891	56305.61564	56308.19141	504372.4	5410484.9
L4370.0	504372.4	5410484.9	53770.69922	323.46	0	48.847319	-86.940402	56259.28	56239.3	10.68	56269.96	56277.56250	56305.10637	56307.59766	504372.4	5410484.9
L4370.0	504372.5	5410482.8	53770.80078	323.34	0	48.847300	-86.940402	56258.57	56239.3	10.67	56269.24	56276.87500	56296.13936	56298.55078	504372.5	5410482.8
L4370.0	504372.5	5410482.8	53770.80078	323.34	0	48.847300	-86.940402	56258.26	56239.3	10.67	56268.93	56276.59766	56296.76495	56299.09375	504372.5	5410482.8
L4370.0	504372.5	5410481.5	53771.00000	323.78	0	48.847289	-86.940402	56257.52	56239.3	10.67	56268.19	56275.89063	56287.53213	56289.77734	504372.5	5410481.5
L4370.0	504372.5	5410480.2	53771.10156	323.30	0	48.847277	-86.940401	56257.21	56239.3	10.67	56267.88	56275.61719	56288.38129	56290.55078	504372.5	5410480.2
L4370.0	504372.5	5410478.3	53771.19922	322.06	0	48.847260	-86.940401	56257.26	56239.3	10.66	56267.92	56275.69141	56297.46953	56299.56250	504372.5	5410478.3
L4370.0	504372.5	5410478.3	53771.30078	322.95	0	48.847260	-86.940401	56257.21	56239.3	10.66	56267.87	56275.67578	56304.58564	56306.60156	504372.5	5410478.3
L4370.0	504372.5	5410476.2	53771.39844	324.80	0	48.847241	-86.940401	56257.16	56239.3	10.65	56267.82	56275.66016	56311.81384	56313.75391	504372.5	5410476.2
L4370.0	504372.5	5410476.2	53771.50000	326.43	0	48.847241	-86.940401	56256.81	56239.4	10.65	56267.46	56275.33203	56311.97077	56313.83594	504372.5	5410476.2
L4370.0	504372.5	5410475.1	53771.60156	325.16	0	48.847231	-86.940401	56256.40	56239.4	10.65	56267.04	56274.94922	56310.86398	56312.65625	504372.5	5410475.1
L4370.0	504372.5	5410473.4	53771.69922	324.74	0	48.847216	-86.940401	56255.68	56239.4	10.64	56266.32	56274.26172	56302.94899	56304.67188	504372.5	5410473.4
L4370.0	504372.5	5410473.4	53771.80078	325.09	0	48.847216	-86.940401	56255.57	56239.4	10.64	56266.21	56274.18750	56309.28540	56310.93750	504372.5	5410473.4
L4370.0	504372.5	5410472.0	53771.89844	323.99	0	48.847203	-86.940402	56254.72	56239.4	10.63	56265.35	56273.36328	56298.42667	56300.01172	504372.5	5410472.0
L4370.0	504372.5	5410470.5	53772.00000	323.58	0	48.847190	-86.940402	56254.43	56239.4	10.63	56265.06	56273.10938	56300.88992	56302.40625	504372.5	5410470.5
L4370.0	504372.5	5410470.5	53772.10156	321.87	0	48.847190	-86.940402	56253.33	56239.4	10.63	56263.96	56272.04688	56284.78431	56286.23828	504372.5	5410470.5
L4370.0	504372.5	5410469.1	53772.19922	322.31	0	48.847177	-86.940402	56253.04	56239.4	10.63	56263.66	56271.78516	56287.31199	56288.70313	504372.5	5410469.1
L4370.0	504372.5	5410467.1	53772.30078	323.41	0	48.847159	-86.940402	56252.79	56239.4	10.63	56263.42	56271.58203	56291.38395	56292.71094	504372.5	5410467.1
L4370.0	504372.5	5410465.7	53772.39844	323.88	0	48.847146	-86.940402	56252.50	56239.4	10.63	56263.12	56271.32031	56294.23120	56295.50000	504372.5	5410465.7
L4370.0	504372.5	5410465.7	53772.50000	323.60	0	48.847146	-86.940402	56252.39	56239.4	10.63	56263.01	56271.24609	56301.66275	56302.87109	504372.5	5410465.7
L4370.0	504372.4	5410464.1	53772.60156	323.79	0	48.847132	-86.940403	56251.86	56239.4	10.62	56262.48	56270.75391	56299.51252	56300.66406	504372.4	5410464.1
L4370.0	504372.4	5410462.9	53772.69922	325.03	0	48.847121	-86.940403	56251.52	56239.4	10.62	56262.15	56270.46094	56302.19143	56303.28906	504372.4	5410462.9
L4370.0	504372.4	5410461.6	53772.80078	322.60	0	48.847109	-86.940403	56250.30	56239.4	10.62	56260.92	56269.26953	56283.94777	56284.99219	504372.4	5410461.6
L4370.0	504372.4	5410461.6	53772.80078	322.60	0	48.847109	-86.940403	56250.14	56239.4	10.62	56260.76	56269.15234	56290.92871	56291.92188	504372.4	5410461.6
L4370.0	504372.4	5410459.9	53773.00000	323.09	0	48.847094	-86.940404	56249.40	56239.4	10.62	56260.02	56268.44922	56284.41017	56285.35156	504372.4	5410459.9
L4370.0	504372.4	5410459.9	53773.10156	323.74	0	48.847094	-86.940404	56249.08	56239.4	10.62	56259.70	56268.16797	56287.99218	56288.88672	504372.4	5410459.9
L4370.0	504372.3	5410457.6	53773.19922	323.50	0	48.847073	-86.940404	56248.73	56239.4	10.62	56259.34	56267.84766	56290.83005	56291.67969	504372.3	5410457.6
L4370.0	504372.3	5410456.4	53773.30078	322.00	0	48.847063	-86.940404	56248.31	56239.4	10.61	56258.92	56267.46875	56292.43211	56293.23438	504372.3	5410456.4
L4370.0	504372.3	5410454.7	53773.39844	321.24	0	48.847048	-86.940405	56247.88	56239.4	10.61	56258.49	56267.08203	56293.99091	56294.75000	504372.3	5410454.7
L4370.0	504372.3	5410453.3	53773.50000	321.60	0	48.847035	-86.940405	56247.19	56239.4	10.61	56257.80	56266.42969	56289.38094	56290.10156	504372.3	5410453.3
L4370.0	504372.3	5410453.3	53773.60156	322.43	0	48.847035	-86.940405	56246.97	56239.4	10.61	56257.58	56266.25391	56296.48875	56297.16797	504372.3	5410453.3
L4370.0	504372.3	5410452.0	53773.69922	321.34	0	48.847023	-86.940405	56246.01	56239.4	10.61	56256.61	56265.32422	56285.19904	56285.84375	504372.3	5410452.0
L4370.0	504372.3	5410452.0	53773.80078	330.25	0	48.847023	-86.940405	56245.61	56239.4	10.60	56256.21	56264.96484	56288.22939	56288.83984	504372.3	5410452.0
L4370.0	504372.3	5410450.2	53773.89844	328.94	0	48.847007	-86.940405	56244.79	56239.4	10.60	56255.39	56264.18750	56280.81716	56281.39453	504372.3	5410450.2
L4370.0	504372.3	5410449.1	53774.00000	328.83	0	48.846997	-86.940405	56244.34	56239.4	10.60	56254.94	56263.78125	56282.93588	56283.48047	504372.3	5410449.1
L4370.0	504372.3	5410449.1	53774.10156	329.32	0	48.846997	-86.940405	56243.89	56239.4	10.60	56254.48	56263.36328	56285.01371	56285.52734	504372.3	5410449.1
L4370.0	504372.3	5410447.4	53774.19922	328.96	0	48.846982	-86.940405	56243.44	56239.4	10.59	56254.03	56262.95703	56287.57061	56288.05859	504372.3	5410447.4
L4370.0	504372.3	5410446.0	53774.30078	327.34	0	48.846969	-86.940405	56242.82	56239.4	10.59	56253.41	56262.38281	56287.78019	56288.24219	504372.3	5410446.0

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4370.0	504372.3	5410444.7	53774.39844	327.74	0	48.846957	-86.940405	56242.10	56239.4	10.58	56252.68	56261.69531	56284.47426	56284.91406	504372.3	5410444.7
L4370.0	504372.3	5410444.7	53774.50000	327.62	0	48.846957	-86.940405	56241.78	56239.4	10.58	56252.36	56261.42188	56288.96262	56289.37891	504372.3	5410444.7
L4370.0	504372.3	5410442.5	53774.60156	329.31	0	48.846938	-86.940405	56241.23	56239.4	10.58	56251.81	56260.91797	56289.27629	56289.67578	504372.3	5410442.5
L4370.0	504372.3	5410441.1	53774.69922	327.95	0	48.846925	-86.940404	56240.60	56239.4	10.57	56251.17	56260.32031	56287.98303	56288.36328	504372.3	5410441.1
L4370.0	504372.3	5410441.1	53774.80078	329.68	0	48.846925	-86.940404	56239.73	56239.4	10.57	56250.30	56259.49609	56282.32762	56282.69141	504372.3	5410441.1
L4370.0	504372.3	5410439.5	53774.80078	329.68	0	48.846911	-86.940404	56239.10	56239.4	10.57	56249.67	56258.91406	56281.38791	56281.74219	504372.3	5410439.5
L4370.0	504372.4	5410437.9	53775.00000	330.71	0	48.846896	-86.940404	56238.77	56239.4	10.56	56249.33	56258.62109	56286.25917	56286.60156	504372.4	5410437.9
L4370.0	504372.4	5410437.9	53775.10156	331.46	0	48.846896	-86.940404	56238.42	56239.4	10.56	56248.98	56258.31641	56291.11662	56291.44922	504372.4	5410437.9
L4370.0	504372.4	5410436.4	53775.19922	332.32	0	48.846883	-86.940403	56238.07	56239.4	10.55	56248.62	56258.00391	56295.95198	56296.27734	504372.4	5410436.4
L4370.0	504372.4	5410434.8	53775.30078	332.41	0	48.846868	-86.940403	56237.06	56239.4	10.55	56247.61	56257.04297	56287.94138	56288.26172	504372.4	5410434.8
L4370.0	504372.4	5410434.8	53775.39844	332.16	0	48.846868	-86.940403	56236.29	56239.5	10.55	56246.83	56256.30859	56284.59852	56284.91797	504372.4	5410434.8
L4370.0	504372.5	5410433.0	53775.50000	331.28	0	48.846852	-86.940403	56235.46	56239.5	10.54	56246.01	56255.53516	56280.54217	56280.86328	504372.5	5410433.0
L4370.0	504372.5	5410431.8	53775.60156	331.12	0	48.846841	-86.940402	56234.78	56239.5	10.54	56245.32	56254.89453	56279.21952	56279.54297	504372.5	5410431.8
L4370.0	504372.5	5410431.8	53775.69922	332.57	0	48.846841	-86.940402	56233.96	56239.5	10.54	56244.50	56254.12500	56275.37390	56275.69922	504372.5	5410431.8
L4370.0	504372.5	5410430.0	53775.80078	332.73	0	48.846825	-86.940402	56233.66	56239.5	10.54	56244.20	56253.87500	56282.25400	56282.58594	504372.5	5410430.0
L4370.0	504372.5	5410428.3	53775.89844	331.51	0	48.846810	-86.940402	56233.23	56239.5	10.53	56243.76	56253.48047	56286.44165	56286.78516	504372.5	5410428.3
L4370.0	504372.5	5410428.3	53776.00000	331.09	0	48.846810	-86.940402	56232.56	56239.5	10.53	56243.09	56252.86328	56286.06789	56286.42188	504372.5	5410428.3
L4370.0	504372.5	5410426.7	53776.10156	330.10	0	48.846795	-86.940402	56231.74	56239.5	10.53	56242.27	56252.09375	56282.74633	56283.11328	504372.5	5410426.7
L4370.0	504372.5	5410424.8	53776.19922	330.59	0	48.846779	-86.940402	56230.63	56239.5	10.52	56241.15	56251.02344	56273.37458	56273.75781	504372.5	5410424.8
L4370.0	504372.5	5410424.8	53776.30078	330.80	0	48.846779	-86.940402	56230.36	56239.5	10.52	56240.88	56250.80078	56281.63360	56282.03125	504372.5	5410424.8
L4370.0	504372.5	5410423.2	53776.39844	330.86	0	48.846764	-86.940402	56229.43	56239.5	10.52	56239.94	56249.91406	56276.22627	56276.64844	504372.5	5410423.2
L4370.0	504372.5	5410421.8	53776.50000	330.70	0	48.846752	-86.940402	56229.09	56239.5	10.51	56239.60	56249.62500	56283.33164	56283.77734	504372.5	5410421.8
L4370.0	504372.5	5410421.8	53776.60156	330.00	0	48.846752	-86.940402	56228.40	56239.5	10.51	56238.91	56248.98438	56283.35642	56283.82813	504372.5	5410421.8
L4370.0	504372.5	5410420.4	53776.69922	329.93	0	48.846739	-86.940402	56227.83	56239.5	10.51	56238.34	56248.46484	56285.99783	56286.49219	504372.5	5410420.4
L4370.0	504372.5	5410420.4	53776.80078	332.06	0	48.846739	-86.940402	56227.08	56239.5	10.51	56237.58	56247.75781	56284.86504	56285.39063	504372.5	5410420.4
L4370.0	504372.5	5410418.5	53776.80078	332.06	0	48.846722	-86.940403	56226.41	56239.5	10.51	56236.91	56247.14063	56285.73507	56286.29297	504372.5	5410418.5
L4370.0	504372.5	5410417.1	53777.00000	332.80	0	48.846709	-86.940403	56225.64	56239.5	10.50	56236.14	56246.42188	56284.69213	56285.28906	504372.5	5410417.1
L4370.0	504372.4	5410415.5	53777.10156	331.56	0	48.846695	-86.940403	56224.81	56239.5	10.50	56235.31	56245.64453	56282.56621	56283.19922	504372.4	5410415.5
L4370.0	504372.4	5410413.9	53777.19922	331.89	0	48.846681	-86.940404	56223.86	56239.5	10.50	56234.36	56244.74609	56278.12724	56278.80078	504372.4	5410413.9
L4370.0	504372.4	5410413.9	53777.30078	332.51	0	48.846681	-86.940404	56223.12	56239.5	10.50	56233.62	56244.05859	56278.16932	56278.88281	504372.4	5410413.9
L4370.0	504372.4	5410412.3	53777.39844	332.04	0	48.846666	-86.940404	56222.38	56239.5	10.50	56232.88	56243.37109	56278.36878	56279.13281	504372.4	5410412.3
L4370.0	504372.3	5410411.0	53777.50000	332.27	0	48.846654	-86.940404	56221.53	56239.5	10.50	56232.03	56242.57422	56276.46488	56277.27734	504372.3	5410411.0
L4370.0	504372.3	5410411.0	53777.60156	330.95	0	48.846654	-86.940404	56220.81	56239.5	10.50	56231.31	56241.90625	56277.38866	56278.25391	504372.3	5410411.0
L4370.0	504372.3	5410410.0	53777.69922	330.92	0	48.846645	-86.940405	56220.52	56239.5	10.50	56231.02	56241.66797	56287.28640	56288.20313	504372.3	5410410.0
L4370.0	504372.3	5410408.4	53777.80078	331.32	0	48.846631	-86.940405	56219.50	56239.5	10.50	56230.00	56240.69922	56282.35776	56283.32813	504372.3	5410408.4
L4370.0	504372.3	5410406.9	53777.89844	330.86	0	48.846617	-86.940406	56218.54	56239.5	10.50	56229.04	56239.79297	56278.81508	56279.84766	504372.3	5410406.9
L4370.0	504372.3	5410406.9	53778.00000	329.54	0	48.846617	-86.940406	56216.89	56239.5	10.50	56227.39	56238.19531	56261.32087	56262.41797	504372.3	5410406.9
L4370.0	504372.2	5410405.7	53778.10156	329.45	0	48.846607	-86.940406	56216.12	56239.5	10.50	56226.62	56237.47656	56261.98817	56263.14844	504372.2	5410405.7
L4370.0	504372.2	5410404.1	53778.19922	329.85	0	48.846592	-86.940406	56214.88	56239.5	10.50	56225.38	56236.28906	56253.22868	56254.45703	504372.2	5410404.1
L4370.0	504372.2	5410402.5	53778.30078	330.16	0	48.846577	-86.940407	56214.36	56239.5	10.49	56224.86	56235.82422	56259.29201	56260.58984	504372.2	5410402.5
L4370.0	504372.2	5410402.5	53778.39844	330.60	0	48.846577	-86.940407	56213.31	56239.5	10.49	56223.81	56234.82422	56254.73286	56256.10547	504372.2	5410402.5
L4370.0	504372.1	5410400.8	53778.50000	331.92	0	48.846563	-86.940407	56212.54	56239.5	10.49	56223.03	56234.09766	56255.81221	56257.26563	504372.1	5410400.8
L4370.0	504372.1	5410399.2	53778.60156	332.80	0	48.846548	-86.940407	56212.57	56239.5	10.49	56223.06	56234.17969	56273.39059	56274.92578	504372.1	5410399.2
L4370.0	504372.1	5410399.2	53778.69922	333.31	0	48.846548	-86.940407	56211.68	56239.5	10.49	56222.17	56233.33984	56272.52471	56274.14063	504372.1	5410399.2
L4370.0	504372.1	5410397.8	53778.80078	333.31	0	48.846535	-86.940408	56210.92	56239.5	10.48	56221.40	56232.62109	56274.24183	56275.94141	504372.1	5410397.8
L4370.0	504372.1	5410396.2	53778.80078	332.79	0	48.846521	-86.940408	56208.77	56239.5	10.48	56219.26	56230.53516	56248.66110	56250.45313	504372.1	5410396.2
L4370.0	504372.1	5410396.2	53779.00000	330.48	0	48.846521	-86.940408	56207.73	56239.5	10.48	56218.21	56229.53516	56245.16005	56247.04688	504372.1	5410396.2
L4370.0	504372.0	5410394.1	53779.10156	331.17	0	48.846502	-86.940409	56206.86	56239.5	10.48	56217.34	56228.71484	56245.43783	56247.42188	504372.0	5410394.1
L4370.0	504372.0	5410394.1	53779.19922	330.90	0	48.846502	-86.940409	56206.75	56239.5	10.47	56217.23	56228.65625	56261.06152	56263.14453	504372.0	5410394.1
L4370.0	504372.0	5410392.5	53779.30078	329.12	0	48.846488	-86.940409	56206.16	56239.5	10.47	56216.63	56228.10547	56267.04870	56269.23438	504372.0	5410392.5
L4370.0	504372.0	5410391.0	53779.39844	329.72	0	48.846475	-86.940409	56204.86	56239.5	10.47	56215.33	56226.85547	56259.24087	56261.53125	504372.0	5410391.0
L4370.0	504372.0	5410389.4	53779.50000	329.72	0	48.846460	-86.940409	56203.74	56239.5	10.46	56214.21	56225.78516	56255.19648	56257.60156	504372.0	5410389.4
L4370.0	504372.0	5410389.4	53779.60156	329.40	0	48.846460	-86.940409	56202.75	56239.5	10.46	56213.22	56224.84766	56253.91036	56256.42969	504372.0	5410389.4
L4370.0	504372.0	5410387.8	53779.69922	329.40	0	48.846445	-86.940409	56201.51	56239.5	10.46	56211.97	56223.64453	56247.61860	56250.25391	504372.0	5410387.8
L4370.0	504372.0	5410387.8	53779.80078	329.23	0	48.846445	-86.940409	56200.61	56239.5	10.46	56211.06	56222.78125	56248.25672	56251.01172	504372.0	5410387.8
L4370.0	504372.0	5410385.3	53779.80078	329.23	0	48.846423	-86.940410	56199.39	56239.5	10.46	56209.84	56221.60938	56242.90267	56245.78516	504372.0	5410385.3
L4370.0	504372.0	5410385.3	53780.00000	329.77	0	48.846423	-86.940410	56198.64	56239.6	10.45	56209.09	56220.90625	56247.03807	56250.05078	504372.0	5410385.3
L4370.0	504371.9	5410383.3	53780.00000	329.26	0	48.846405	-86.940410	56197.86	56239.6	10.45	56208.31	56220.17578	56250.73228	56253.87891	504371.9	5410383.3
L4370.0	504371.9	5410381.9	53780.19922	331.80	0	48.846393	-86.940411	56197.67	56239.6	10.45	56208.12	56220.03125	56266.24764	56269.52734	504371.9	5410381.9
L4370.0	504371.9	5410381.9	53780.30078	330.57	0	48.846393	-86.940411	56196.81	56239.6	10.45	56207.26	56219.21484	56268.66384	56272.08203	504371.9	5410381.9
L4370.0	504371.9	5410380.8	53780.39844	330.13	0	48.846382	-86.940411	56195.38	56239.6	10.45	56205.82	56217.82031	56259.80806	56263.37500	504371.9	5410380.8
L4370.0	504371.8	5410378.8	53780.50000	330.52	0	48.846365	-86.940411	56194.23	56239.6	10.44	56204.67	56216.71484	56256.86073	56260.57813	504371.8	5410378.8
L4370.0	504371.8	5410378.8	53780.60156	330.85	0	48.846365	-86.940411	56192.74	56239.6	10.44	56203.19	56215.27734	56247.59664	56251.46875	504371.8	5410378.8
L4370.0	504371.8	5410377.7	53780.69922	330.13	0	48.846355	-86.940412	56191.86	56239.6	10.44	56202.30	56214.42969	56250.13630	56254.16406	504371.8	5410377.7
L4370.0	504371.8	5410376.2	53780.80078	329.83	0	48.846341	-86.940412	56190.61	56239.6	10.44	56201.05	56213.22266	56245.76771	56249.95313	504371.8	5410376.2
L4370.0	504371.8	5410374.8	53780.80078	329.83	0	48.846329	-86.940412	56189.71	56239.6	10.44	56200.15	56212.36328	56248.46607	56252.81641	504371.8	5410374.8
L4370.0	504371.8	5410374.8	53781.00000	328.07	0	48.846329	-86.940412	56188.48	56239.6	10.44	56198.92	56211.17188	56244.84661	56249.37109	504371.8	5410374.8
L4370.0	504371.8	5410373.2	53781.10156	328.11	0	48.846314	-86.940413	56187.32	56239.6	10.44	56197.76	56210.05469	56242.78154	56247.48047	504371.8	5410373.2
L4370.0	504371.7	5410371.2	53781.19922	328.50	0	48.846297	-86.940413	56186.39	56239.6	10.44	56196.83	56209.16016	56245.42262	56250.29688	504371.7	5410371.2
L4370.0	504371.7	5410371.2	53781.30078	328.28	0	48.846297	-86.940413	56185.25	56239.6	10.44	56195.68	56208.04688	56243.90797	56248.96484	504371.7	5410371.2
L4370.0	504371.7	5410369.7	53781.39844	329.64	0	48.846283	-86.940413	56183.98	56239.6	10.44	56194.42	56206.82422	56240.39835	56245.64453	504371.7	5410369.7
L4370.0	504371.7	5410368.3	53781.50000	328.54	0	48.846270	-86.940414	56182.57	56239.6	10.43	56193.00	56205.44141	56233.90082	56239.33984	504371.7	5410368.3
L4370.0	504371.7	5410366.6	53781.60156	328.21	0	48.846255	-86.940414	56181.50	56239.6	10.43	56191.93	56204.40625	56234.48414	56240.12109	504371.7	5410366.6
L4370.0	504371.7	5410366.6	53781.69922	329.70	0	48.846255	-86.940414	56180.14	56239.6	10.43	56190.57	56203.07813	56229.51029	56235.34766	504371.7	5410366.6
L4370.0	504371.6	5410364.8	53781.80078	329.14	0	48.846238	-86.940415	56179.16	56239.6	10.43	56189.59	56202.13281	56232.23279	56238.27344	504371.6	5410364.8
L4370.0	504371.6	5410363.3	53781.89844	327.94	0	48.846225	-86.940415	56177.86	56239.6	10.43	56188.29	56200.86328	56228.80083	56235.05078	504371.6	5410363.3
L4370.0	504371.6	5410363.3	53782.00000	329.34	0	48.846225	-86.940415	56176.20	56239.6	10.43	56186.63	56199.23438	56218.38310	56224.85156	504371.6	5410363.3
L4370.0	504371.6	5410361.9	53782.10156	331.03	0	48.846212	-86.940415	56174.64	56239.6	10.43	56185.07	56197.70313	56210.09540	56216.78516	504371.6	5410361.9
L4370.0	504371.6	5410360.0	53782.19922	330.50	0	48.846195	-86.940416	56173.16	56239.6	10.42	56183.59	56196.25000	56203.54594	56210.45703	504371.6	5410360.0
L4370.0	504371.6	5410360.0	53782.30078	330.73	0	48.846195	-86.940416	56172.50	56239.6	10.42	56182.92	56195.60547	56213.36851	56220.50391	504371.6	5410360.0
L4370.0	504371.5	5410358.5	53782.39844	329.90	0	48.846182	-86.940416	56171.16	56239.6	10.41	56181.57	56194.28125	56209.76440	56217.13281	504371.5	5410358.5
L4370.0	504371.5	5410358.5	53782.50000	331.36	0	48.846182	-86.940416	56170.32	56239.6	10.41	56180.73	56193.46484	56216.59746	56224.20703	504371.5	5410358.5
L4370.0	504371.5	5410356.9	53782.60156	330.68	0	48.846168	-86.940416	56168.78	56239.6	10.41	56179.19	56191.94922	56209.49653	56217.35156	504371.5	5410356.9
L4370.0	504371.5	5410355.2	53782.69922	332.45	0	48.846152	-86.940416	56167.82	56239.6	10.40	56178.22	56191.00000	56214.09083	56222.19141	504371.5	5410355.2
L4370.0	504371.5	5410353.8	53782.80078	332.45	0	48.846140	-86.940417	56166.61	56239.6	10.40	56177.01	56189.80859	56214.00474	56222.35547	504371.5	5410353.8
L4370.0	504371.5	5410353.8	53782.80078	332.34	0	48.846140	-86.940417	56165.14	56239.6	10.40	56175.54	56188.35938	56208.78007	56217.39063	504371.5	5410353.8
L4370.0	504371.5	5410352.2	53783.00000	331.37	0	48.846125	-86.940417	56163.50	56239.6	10.39	56173.89	56186.72656	56200.00214	56208.87500	504371.5	5410352.2
L4370.0	504371.5	5410350.4	53783.10156	329.99	0	48.846109	-86.940417	56161.70	56239.6	10.39	56172.08	56184.92969	56188.04687	56197.19141	504371.5	5410350.4
L4370.0	504371.5	5410349.0	53783.19922	330.68	0	48.846097	-86.940417	56160.48	56239.6	10.39	56170.87	56183.73438	56188.55611	56197.96875	504371.5	5410349.0
L4370.0	504371.5	5410349.0	53783.30078	331.36	0	48.846097	-86.940417	56159.54	56239.6	10.39	56169.93	56182.80859	56194.81265	56204.50000	504371.5	5410349.0
L4370.0	504371.5	5410347.7	53783.39844	331.26	0	48.846085	-86.940417	56158.64	56239.6	10.39	56169.03	56181.92188	56202.08814	56212.05859	504371.5	5410347.7
L4370.0	504371.5	5410346.1	53783.50000	329.60	0	48.846070	-86.940417	56156.21	56239.6	10.39	56166.60	56179.50000	56177.79342	56188.05078	504371.5	5410346.1
L4370.0	504371.5	5410346.1	53783.60156	331.24	0	48.846070	-86.940417	56153.48	56239.6	10.39	56163.87	56176.78125	56147.33568	56157.88672	504371.5	5410346.1

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4370.0	504371.4	5410344.5	53783.69922	331.93	0	48.846056	-86.940417	56152.18	56239.6	10.39	56162.57	56175.48438	56146.72337	56157.57031	504371.4	5410344.5
L4370.0	504371.4	5410344.5	53783.80078	332.31	0	48.846056	-86.940417	56151.45	56239.6	10.39	56161.84	56174.76172	56158.14539	56169.28906	504371.4	5410344.5
L4370.0	504371.4	5410342.8	53783.89844	332.38	0	48.846041	-86.940418	56150.83	56239.6	10.39	56161.22	56174.14453	56172.02656	56183.47656	504371.4	5410342.8
L4370.0	504371.4	5410341.3	53784.00000	332.14	0	48.846027	-86.940418	56149.70	56239.6	10.39	56160.09	56173.01953	56175.43468	56187.19922	504371.4	5410341.3
L4370.0	504371.4	5410339.9	53784.10156	332.89	0	48.846015	-86.940418	56148.32	56239.6	10.39	56158.71	56171.64063	56173.77882	56185.85938	504371.4	5410339.9
L4370.0	504371.4	5410338.6	53784.19922	332.64	0	48.846002	-86.940418	56146.88	56239.6	10.39	56157.27	56170.19922	56171.01716	56183.41797	504371.4	5410338.6
L4370.0	504371.4	5410338.6	53784.30078	331.30	0	48.846002	-86.940418	56145.36	56239.6	10.39	56155.75	56168.67578	56166.73694	56179.45703	504371.4	5410338.6
L4370.0	504371.4	5410336.8	53784.39844	332.49	0	48.845987	-86.940418	56143.82	56239.6	10.39	56154.21	56167.13281	56162.18942	56175.24219	504371.4	5410336.8
L4370.0	504371.4	5410335.4	53784.50000	333.11	0	48.845975	-86.940418	56142.52	56239.6	10.40	56152.92	56165.83594	56162.96646	56176.35547	504371.4	5410335.4
L4370.0	504371.4	5410335.4	53784.60156	333.52	0	48.845975	-86.940418	56141.42	56239.6	10.40	56151.81	56164.71875	56167.58966	56181.32031	504371.4	5410335.4
L4370.0	504371.4	5410334.1	53784.69922	333.13	0	48.845963	-86.940417	56139.89	56239.6	10.40	56150.29	56163.18750	56163.86719	56177.93750	504371.4	5410334.1
L4370.0	504371.5	5410333.0	53784.80078	333.56	0	48.845953	-86.940417	56138.50	56239.6	10.40	56148.89	56161.77734	56162.75410	56177.17188	504371.5	5410333.0
L4370.0	504371.5	5410333.0	53784.80078	333.56	0	48.845953	-86.940417	56136.96	56239.6	10.40	56147.36	56160.23828	56159.10125	56173.87109	504371.5	5410333.0
L4370.0	504371.5	5410331.7	53785.00000	330.03	0	48.845941	-86.940417	56135.60	56239.6	10.40	56146.00	56158.86328	56159.06693	56174.19531	504371.5	5410331.7
L4370.0	504371.5	5410330.4	53785.10156	329.16	0	48.845929	-86.940417	56134.06	56239.6	10.40	56144.46	56157.30859	56155.47505	56170.96875	504371.5	5410330.4
L4370.0	504371.5	5410328.8	53785.19922	329.37	0	48.845915	-86.940416	56132.73	56239.6	10.40	56143.13	56155.96094	56156.29895	56172.15625	504371.5	5410328.8
L4370.0	504371.5	5410328.8	53785.30078	329.36	0	48.845915	-86.940416	56131.42	56239.6	10.40	56141.82	56154.62891	56157.64644	56173.87500	504371.5	5410328.8
L4370.0	504371.5	5410327.1	53785.39844	328.60	0	48.845899	-86.940416	56130.46	56239.6	10.40	56140.86	56153.64844	56166.23201	56182.83594	504371.5	5410327.1
L4370.0	504371.5	5410327.1	53785.50000	328.91	0	48.845899	-86.940416	56129.10	56239.6	10.40	56139.50	56152.26953	56166.79591	56183.78125	504371.5	5410327.1
L4370.0	504371.6	5410325.5	53785.60156	330.61	0	48.845885	-86.940416	56127.52	56239.6	10.40	56137.92	56150.66406	56163.01133	56180.38281	504371.6	5410325.5
L4370.0	504371.6	5410324.1	53785.69922	331.49	0	48.845873	-86.940416	56126.01	56239.6	10.40	56136.41	56149.12891	56160.77282	56178.53125	504371.6	5410324.1
L4370.0	504371.6	5410322.7	53785.80078	330.97	0	48.845859	-86.940415	56124.74	56239.6	10.40	56135.14	56147.83203	56163.54572	56181.69531	504371.6	5410322.7
L4370.0	504371.6	5410322.7	53785.89844	330.64	0	48.845859	-86.940415	56122.97	56239.6	10.40	56133.37	56146.03125	56156.23838	56174.78125	504371.6	5410322.7
L4370.0	504371.6	5410321.1	53786.00000	329.63	0	48.845845	-86.940415	56121.11	56239.6	10.40	56131.51	56144.14063	56147.17310	56166.12109	504371.6	5410321.1
L4370.0	504371.6	5410319.7	53786.10156	328.41	0	48.845833	-86.940415	56119.33	56239.6	10.40	56129.73	56142.32813	56139.81211	56159.16406	504371.6	5410319.7
L4370.0	504371.6	5410318.3	53786.19922	327.71	0	48.845820	-86.940415	56118.22	56239.6	10.39	56128.61	56141.17578	56146.11512	56165.87500	504371.6	5410318.3
L4370.0	504371.6	5410318.3	53786.30078	328.70	0	48.845820	-86.940415	56116.17	56239.6	10.39	56126.56	56139.08984	56133.32833	56153.50000	504371.6	5410318.3
L4370.0	504371.6	5410316.7	53786.39844	328.24	0	48.845806	-86.940415	56114.93	56239.6	10.39	56125.32	56137.81250	56137.36530	56157.95313	504371.6	5410316.7
L4370.0	504371.6	5410315.1	53786.50000	330.25	0	48.845791	-86.940415	56113.31	56239.6	10.39	56123.69	56136.14453	56133.39999	56154.41016	504371.6	5410315.1
L4370.0	504371.6	5410313.7	53786.60156	331.59	0	48.845779	-86.940415	56111.82	56239.6	10.38	56122.20	56134.61719	56132.42377	56153.85938	504371.6	5410313.7
L4370.0	504371.6	5410313.7	53786.69922	333.52	0	48.845779	-86.940415	56110.18	56239.6	10.38	56120.56	56132.93359	56128.38016	56150.24219	504371.6	5410313.7
L4370.0	504371.6	5410312.1	53786.80078	333.56	0	48.845764	-86.940416	56108.86	56239.6	10.38	56119.23	56131.56250	56130.91054	56153.20313	504371.6	5410312.1
L4370.0	504371.6	5410310.7	53786.80078	333.56	0	48.845752	-86.940416	56107.57	56239.6	10.38	56117.95	56130.23438	56134.57777	56157.30078	504371.6	5410310.7
L4370.0	504371.6	5410309.1	53787.00000	332.69	0	48.845738	-86.940416	56106.25	56239.6	10.37	56116.62	56128.85938	56137.26667	56160.42969	504371.6	5410309.1
L4370.0	504371.6	5410309.1	53787.10156	332.54	0	48.845738	-86.940416	56104.68	56239.6	10.37	56115.06	56127.25391	56135.16230	56158.76953	504371.6	5410309.1
L4370.0	504371.6	5410307.5	53787.19922	333.03	0	48.845723	-86.940416	56102.51	56239.6	10.37	56112.88	56125.02344	56120.01915	56144.07031	504371.6	5410307.5
L4370.0	504371.6	5410306.3	53787.30078	333.58	0	48.845713	-86.940416	56100.56	56239.6	10.38	56110.94	56123.03125	56109.99900	56134.49219	504371.6	5410306.3
L4370.0	504371.6	5410306.3	53787.39844	333.25	0	48.845713	-86.940416	56098.84	56239.6	10.38	56109.22	56121.26172	56104.68507	56129.62891	504371.6	5410306.3
L4370.0	504371.6	5410305.0	53787.50000	330.95	0	48.845701	-86.940416	56097.61	56239.6	10.38	56107.99	56119.97656	56109.74094	56135.14063	504371.6	5410305.0
L4370.0	504371.6	5410303.4	53787.60156	333.68	0	48.845687	-86.940416	56095.98	56239.6	10.38	56106.37	56118.30078	56106.63384	56132.48828	504371.6	5410303.4
L4370.0	504371.6	5410301.9	53787.69922	332.76	0	48.845672	-86.940416	56094.77	56239.6	10.38	56105.15	56117.02734	56111.94414	56138.25781	504371.6	5410301.9
L4370.0	504371.6	5410301.9	53787.80078	332.60	0	48.845672	-86.940416	56092.87	56239.6	10.39	56103.25	56115.07031	56103.07531	56129.84766	504371.6	5410301.9
L4370.0	504371.6	5410300.2	53787.89844	331.93	0	48.845658	-86.940416	56091.41	56239.6	10.39	56101.79	56113.55078	56103.43062	56130.66406	504371.6	5410300.2
L4370.0	504371.6	5410300.2	53788.00000	331.38	0	48.845658	-86.940416	56089.48	56239.6	10.39	56099.87	56111.57031	56094.29454	56121.99609	504371.6	5410300.2
L4370.0	504371.6	5410298.2	53788.10156	330.40	0	48.845639	-86.940416	56087.54	56239.6	10.39	56097.93	56109.56641	56084.84300	56113.01563	504371.6	5410298.2
L4370.0	504371.6	5410297.2	53788.19922	329.15	0	48.845631	-86.940416	56085.96	56239.6	10.40	56096.36	56107.93359	56083.06794	56111.70703	504371.6	5410297.2
L4370.0	504371.6	5410296.0	53788.30078	330.05	0	48.845619	-86.940415	56084.55	56239.6	10.40	56094.95	56106.46094	56084.57878	56113.68750	504371.6	5410296.0
L4370.0	504371.6	5410294.5	53788.39844	329.28	0	48.845606	-86.940415	56083.52	56239.6	10.41	56093.92	56105.36719	56093.79463	56123.37891	504371.6	5410294.5
L4370.0	504371.6	5410293.2	53788.50000	328.62	0	48.845595	-86.940415	56081.59	56239.6	10.41	56092.00	56103.37891	56084.93665	56114.99609	504371.6	5410293.2
L4370.0	504371.6	5410293.2	53788.60156	329.50	0	48.845595	-86.940415	56079.77	56239.6	10.41	56090.18	56101.49219	56078.15692	56108.69531	504371.6	5410293.2
L4370.0	504371.6	5410292.1	53788.69922	330.33	0	48.845585	-86.940415	56077.74	56239.6	10.42	56088.16	56099.40234	56067.39661	56098.41016	504371.6	5410292.1
L4370.0	504371.6	5410290.6	53788.80078	329.77	0	48.845571	-86.940416	56076.34	56239.6	10.42	56086.76	56097.93359	56069.10442	56100.59766	504371.6	5410290.6
L4370.0	504371.6	5410290.6	53788.80078	329.77	0	48.845571	-86.940416	56074.56	56239.6	10.42	56084.98	56096.08203	56063.19040	56095.16406	504371.6	5410290.6
L4370.0	504371.6	5410288.8	53789.00000	330.02	0	48.845555	-86.940416	56073.22	56239.6	10.43	56083.65	56094.67969	56066.25889	56098.71484	504371.6	5410288.8
L4370.0	504371.6	5410287.7	53789.10156	329.83	0	48.845545	-86.940416	56071.60	56239.6	10.43	56082.03	56092.98828	56063.51604	56096.45703	504371.6	5410287.7
L4370.0	504371.6	5410286.3	53789.19922	331.02	0	48.845533	-86.940416	56070.04	56239.6	10.42	56080.46	56091.34375	56061.75032	56095.17188	504371.6	5410286.3
L4370.0	504371.6	5410286.3	53789.30078	331.01	0	48.845533	-86.940416	56068.46	56239.6	10.42	56078.88	56089.68750	56059.76161	56093.66797	504371.6	5410286.3
L4370.0	504371.6	5410284.7	53789.39844	329.54	0	48.845518	-86.940416	56066.59	56239.6	10.42	56077.00	56087.73438	56051.76362	56086.15234	504371.6	5410284.7
L4370.0	504371.6	5410283.4	53789.50000	329.85	0	48.845506	-86.940416	56065.20	56239.6	10.42	56075.62	56086.27734	56053.70402	56088.58203	504371.6	5410283.4
L4370.0	504371.6	5410282.0	53789.60156	330.31	0	48.845494	-86.940416	56063.30	56239.6	10.41	56073.71	56084.28906	56045.02796	56080.39063	504371.6	5410282.0
L4370.0	504371.6	5410282.0	53789.69922	329.55	0	48.845494	-86.940416	56061.69	56239.6	10.41	56072.10	56082.59766	56042.30087	56078.14844	504371.6	5410282.0
L4370.0	504371.6	5410280.3	53789.80078	329.76	0	48.845479	-86.940416	56060.27	56239.6	10.41	56070.67	56081.08984	56043.14120	56079.47266	504371.6	5410280.3
L4370.0	504371.6	5410278.7	53789.89844	330.08	0	48.845464	-86.940416	56058.65	56239.6	10.40	56069.05	56079.38672	56040.13268	56076.94922	504371.6	5410278.7
L4370.0	504371.6	5410278.7	53790.00000	330.84	0	48.845464	-86.940416	56056.98	56239.6	10.40	56067.38	56077.63672	56036.06772	56073.37109	504371.6	5410278.7
L4370.0	504371.6	5410277.2	53790.10156	331.23	0	48.845450	-86.940416	56055.26	56239.6	10.40	56065.66	56075.83203	56030.93540	56068.72266	504371.6	5410277.2
L4370.0	504371.6	5410275.8	53790.19922	331.56	0	48.845438	-86.940416	56053.74	56239.6	10.40	56064.14	56074.23047	56029.78207	56068.05078	504371.6	5410275.8
L4370.0	504371.6	5410274.2	53790.30078	331.40	0	48.845423	-86.940416	56052.05	56239.6	10.41	56062.45	56072.45703	56025.13000	56063.87891	504371.6	5410274.2
L4370.0	504371.6	5410274.2	53790.39844	333.75	0	48.845423	-86.940416	56050.43	56239.6	10.41	56060.83	56070.75000	56021.82911	56061.06250	504371.6	5410274.2
L4370.0	504371.6	5410273.0	53790.50000	333.22	0	48.845413	-86.940416	56048.20	56239.6	10.41	56058.61	56068.44531	56006.22420	56045.93750	504371.6	5410273.0
L4370.0	504371.6	5410273.0	53790.60156	333.24	0	48.845413	-86.940416	56046.84	56239.6	10.41	56057.25	56067.00000	56008.06227	56048.25781	504371.6	5410273.0
L4370.0	504371.6	5410271.0	53790.69922	331.47	0	48.845395	-86.940416	56045.47	56239.6	10.41	56055.88	56065.54297	56009.64609	56050.31641	504371.6	5410271.0
L4370.0	504371.6	5410269.4	53790.80078	330.94	0	48.845381	-86.940416	56043.83	56239.6	10.42	56054.24	56063.81250	56005.62350	56046.76953	504371.6	5410269.4
L4370.0	504371.6	5410268.0	53790.80078	330.94	0	48.845368	-86.940416	56041.88	56239.6	10.42	56052.29	56061.77344	55995.12069	56036.74219	504371.6	5410268.0
L4370.0	504371.6	5410268.0	53791.00000	329.64	0	48.845368	-86.940416	56040.39	56239.6	10.42	56050.81	56060.20703	55994.21884	56036.31250	504371.6	5410268.0
L4370.0	504371.6	5410266.4	53791.10156	330.27	0	48.845354	-86.940416	56039.04	56239.6	10.42	56049.46	56058.76563	55995.94636	56038.51172	504371.6	5410266.4
L4370.0	504371.6	5410265.3	53791.19922	331.02	0	48.845344	-86.940416	56037.43	56239.6	10.42	56047.85	56057.06250	55992.21141	56035.24609	504371.6	5410265.3
L4370.0	504371.6	5410265.3	53791.30078	331.69	0	48.845344	-86.940416	56036.04	56239.6	10.43	56046.46	56055.58203	55992.97757	56036.47656	504371.6	5410265.3
L4370.0	504371.6	5410263.7	53791.39844	330.70	0	48.845329	-86.940416	56034.14	56239.6	10.43	56044.57	56053.60156	55983.23225	56027.19531	504371.6	5410263.7
L4370.0	504371.6	5410262.0	53791.50000	329.98	0	48.845314	-86.940416	56032.85	56239.6	10.43	56043.28	56052.21875	55985.93209	56030.35547	504371.6	5410262.0
L4370.0	504371.6	5410260.9	53791.60156	329.86	0	48.845304	-86.940416	56031.33	56239.6	10.43	56041.76	56050.60547	55983.74369	56028.62500	504371.6	5410260.9
L4370.0	504371.6	5410260.9	53791.69922	332.54	0	48.845304	-86.940416	56029.76	56239.6	10.43	56040.20	56048.94922	55980.62902	56025.96484	504371.6	5410260.9
L4370.0	504371.6	5410259.5	53791.80078	333.22	0	48.845291	-86.940416	56028.63	56239.6	10.44	56039.06	56047.71484	55986.24329	56032.02734	504371.6	5410259.5
L4370.0	504371.6	5410258.1	53791.89844	332.70	0	48.845279	-86.940416	56027.43	56239.6	10.44	56037.87	56046.42969	55990.72384	56036.95703	504371.6	5410258.1
L4370.0	504371.6	5410258.1	53792.00000	332.42	0	48.845279	-86.940416	56025.87	56239.6	10.44	56036.31	56044.77344	55987.33234	56034.01172	504371.6	5410258.1
L4370.0	504371.6	5410256.6	53792.10156	332.63	0	48.845265	-86.940416	56024.10	56239.6	10.44	56034.54	56042.90625	55979.42247	56026.54297	504371.6	5410256.6
L4370.0	504371.6	5410254.9	53792.19922	332.97	0	48.845250	-86.940416	56022.61	56239.6	10.44	56033.05	56041.31641	55977.29334	56024.85156	504371.6	5410254.9
L4370.0	504371.6	5410253.2	53792.30078	334.17	0	48.845234	-86.940416	56021.32	56239.6	10.44	56031.76	56039.92969	55979.25649	56027.24609	504371.6	5410253.2
L4370.0	504371.6	5410253.2	53792.39844	333.43	0	48.845234	-86.940416	56019.74	56239.6	10.44	56030.18	56038.25000	55975.01514	56023.43359	504371.6	5410253.2
L4370.0	504371.6	5410252.0	53792.50000	331.81	0	48.845224	-86.940416	56018.38	56239.6	10.44	56028.82	56036.78906	55975.27332	56024.11719	504371.6	5410252.0
L4370.0	504371.5	5410250.4	53792.60156	331.77	0	48.845210	-86.940417	56017.22	56239.6	10.44	56027.66	56035.53125	55979.59065	56028.85547	504371.5	5410250.4
L4370.0	504371.5	5410249.1	53792.69922	331.41	0	48.845197	-86.940417	56015.88	56239.6	10.44	56026.32	56034.08984	55980.00016	56029.67969	504371.5	5410249.1
L4370.0	504371.5	5410249.1	53792.80078	331.50	0	48.845197	-86.940417	56014.26	56239.6	10.44	56024.70	56032.36719	55974.42880	56024.51563	504371.5	5410249.1
L4370.0	504371.5	5410247.3	53792.80078	331.50	0	48.845182	-86.940418	56012.03	56239.6	10.44	56022.47	56030.03516	55956.03825	56006.53125	504371.5	5410247.3

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4370.0	504371.4	5410245.7	53793.00000	330.46	0	48.845167	-86.940418	56010.79	56239.6	10.44	56021.23	56028.69531	55958.13925	56009.03516	504371.4	5410245.7
L4370.0	504371.4	5410245.7	53793.10156	331.48	0	48.845167	-86.940418	56009.07	56239.6	10.44	56019.52	56026.87891	55950.33553	56001.62500	504371.4	5410245.7
L4370.0	504371.4	5410244.3	53793.19922	330.62	0	48.845155	-86.940419	56008.01	56239.5	10.45	56018.46	56025.71484	55955.84174	56007.51953	504371.4	5410244.3
L4370.0	504371.4	5410242.9	53793.30078	329.86	0	48.845142	-86.940419	56006.85	56239.5	10.46	56017.30	56024.45313	55959.08868	56011.14844	504371.4	5410242.9
L4370.0	504371.4	5410242.9	53793.39844	330.70	0	48.845142	-86.940419	56005.73	56239.5	10.46	56016.19	56023.23828	55963.17162	56015.61328	504371.4	5410242.9
L4370.0	504371.4	5410241.2	53793.50000	331.25	0	48.845127	-86.940419	56004.29	56239.5	10.46	56014.75	56021.69141	55960.27483	56013.08984	504371.4	5410241.2
L4370.0	504371.4	5410239.8	53793.60156	330.72	0	48.845114	-86.940419	56002.20	56239.5	10.47	56012.67	56019.50391	55944.07755	55997.25781	504371.4	5410239.8
L4370.0	504371.4	5410238.4	53793.69922	330.86	0	48.845101	-86.940419	56000.45	56239.5	10.47	56010.92	56017.64844	55934.48708	55988.02734	504371.4	5410238.4
L4370.0	504371.4	5410237.0	53793.80078	330.66	0	48.845089	-86.940419	55998.80	56239.5	10.48	56009.28	56015.89844	55926.96081	55980.85156	504371.4	5410237.0
L4370.0	504371.4	5410237.0	53793.89844	330.08	0	48.845089	-86.940419	55997.74	56239.5	10.49	56008.22	56014.73047	55931.08214	55985.32422	504371.4	5410237.0
L4370.0	504371.4	5410235.4	53794.00000	330.18	0	48.845074	-86.940419	55996.63	56239.5	10.49	56007.12	56013.52344	55934.16619	55988.75000	504371.4	5410235.4
L4370.0	504371.4	5410233.9	53794.10156	330.85	0	48.845061	-86.940419	55995.56	56239.5	10.49	56006.05	56012.34375	55937.64331	55992.56250	504371.4	5410233.9
L4370.0	504371.4	5410233.9	53794.19922	330.99	0	48.845061	-86.940419	55994.86	56239.5	10.49	56005.35	56011.53125	55948.44612	56003.69141	504371.4	5410233.9
L4370.0	504371.4	5410232.6	53794.30078	329.80	0	48.845049	-86.940419	55993.57	56239.5	10.49	56004.06	56010.13281	55946.99885	56002.56250	504371.4	5410232.6
L4370.0	504371.4	5410230.9	53794.39844	330.53	0	48.845034	-86.940419	55991.84	56239.5	10.49	56002.34	56008.30078	55936.56179	55992.43750	504371.4	5410230.9
L4370.0	504371.4	5410229.5	53794.50000	331.45	0	48.845021	-86.940419	55990.08	56239.5	10.49	56000.57	56006.41797	55924.87360	55981.05859	504371.4	5410229.5
L4370.0	504371.4	5410229.5	53794.60156	331.85	0	48.845021	-86.940419	55989.06	56239.5	10.50	55999.56	56005.29688	55928.45531	55984.93750	504371.4	5410229.5
L4370.0	504371.4	5410227.7	53794.69922	331.25	0	48.845005	-86.940419	55987.44	56239.5	10.50	55997.94	56003.56250	55919.34620	55976.11719	504371.4	5410227.7
L4370.0	504371.4	5410226.2	53794.80078	330.65	0	48.844992	-86.940419	55986.28	56239.5	10.50	55996.78	56002.28906	55919.38574	55976.44141	504371.4	5410226.2
L4370.0	504371.4	5410226.2	53794.80078	330.65	0	48.844992	-86.940419	55984.61	56239.5	10.50	55995.11	56000.50781	55908.74252	55966.07422	504371.4	5410226.2
L4370.0	504371.4	5410224.7	53795.00000	330.66	0	48.844979	-86.940419	55983.68	56239.5	10.50	55994.18	55999.46094	55912.99026	55970.58984	504371.4	5410224.7
L4370.0	504371.4	5410223.1	53795.10156	331.41	0	48.844964	-86.940419	55983.02	56239.5	10.50	55993.52	55998.68750	55922.53841	55980.39844	504371.4	5410223.1
L4370.0	504371.4	5410223.1	53795.19922	332.36	0	48.844964	-86.940419	55982.44	56239.5	10.50	55992.94	55997.99219	55933.51019	55991.62109	504371.4	5410223.1
L4370.0	504371.4	5410221.6	53795.30078	330.92	0	48.844950	-86.940419	55981.40	56239.5	10.51	55991.90	55996.83594	55934.79500	55993.14844	504371.4	5410221.6
L4370.0	504371.4	5410220.2	53795.39844	331.90	0	48.844938	-86.940419	55978.99	56239.5	10.51	55989.50	55994.32031	55907.78254	55966.37109	504371.4	5410220.2
L4370.0	504371.4	5410218.8	53795.50000	330.45	0	48.844925	-86.940419	55978.01	56239.5	10.51	55988.52	55993.22266	55909.76610	55968.58203	504371.4	5410218.8
L4370.0	504371.4	5410218.8	53795.60156	331.11	0	48.844925	-86.940419	55976.29	56239.5	10.51	55986.80	55991.38281	55896.19571	55955.23047	504371.4	5410218.8
L4370.0	504371.4	5410217.2	53795.69922	331.52	0	48.844911	-86.940419	55975.63	56239.5	10.51	55986.15	55990.61719	55904.49692	55963.74219	504371.4	5410217.2
L4370.0	504371.4	5410216.1	53795.80078	330.80	0	48.844900	-86.940419	55974.97	56239.5	10.52	55985.49	55989.83594	55912.35316	55971.79688	504371.4	5410216.1
L4370.0	504371.4	5410216.1	53795.89844	331.91	0	48.844900	-86.940419	55974.12	56239.5	10.52	55984.63	55988.85938	55915.81374	55975.44922	504371.4	5410216.1
L4370.0	504371.4	5410214.7	53796.00000	330.77	0	48.844888	-86.940419	55973.28	56239.5	10.52	55983.80	55987.90625	55919.63682	55979.45703	504371.4	5410214.7
L4370.0	504371.4	5410212.7	53796.10156	332.94	0	48.844870	-86.940419	55971.86	56239.5	10.52	55982.39	55986.37891	55911.15578	55971.15234	504371.4	5410212.7
L4370.0	504371.4	5410211.6	53796.19922	333.00	0	48.844860	-86.940419	55971.51	56239.5	10.53	55982.03	55985.89844	55924.19029	55984.34766	504371.4	5410211.6
L4370.0	504371.4	5410211.6	53796.30078	332.38	0	48.844860	-86.940419	55969.82	56239.5	10.53	55980.34	55984.08594	55909.35717	55969.66797	504371.4	5410211.6
L4370.0	504371.4	5410209.9	53796.39844	331.28	0	48.844846	-86.940419	55968.90	56239.5	10.53	55979.43	55983.05469	55910.42431	55970.88281	504371.4	5410209.9
L4370.0	504371.4	5410209.9	53796.50000	332.42	0	48.844846	-86.940419	55966.68	56239.5	10.54	55977.22	55980.72266	55884.31825	55944.91406	504371.4	5410209.9
L4370.0	504371.4	5410208.8	53796.60156	332.43	0	48.844835	-86.940419	55965.64	56239.5	10.54	55976.18	55979.56250	55882.16654	55942.89063	504371.4	5410208.8
L4370.0	504371.4	5410206.7	53796.69922	331.14	0	48.844816	-86.940419	55964.13	56239.5	10.54	55974.67	55977.92969	55870.05282	55930.89453	504371.4	5410206.7
L4370.0	504371.4	5410205.5	53796.80078	330.42	0	48.844805	-86.940419	55963.44	56239.5	10.54	55973.98	55977.11719	55874.55106	55935.50000	504371.4	5410205.5
L4370.0	504371.4	5410205.5	53796.80078	330.42	0	48.844805	-86.940419	55962.93	56239.5	10.54	55973.48	55976.49219	55882.61709	55943.66406	504371.4	5410205.5
L4370.0	504371.5	5410203.8	53797.00000	331.36	0	48.844791	-86.940419	55962.00	56239.4	10.55	55972.55	55975.43750	55881.54156	55942.67969	504371.5	5410203.8
L4370.0	504371.5	5410202.2	53797.10156	331.12	0	48.844776	-86.940418	55961.59	56239.4	10.55	55972.15	55974.91406	55890.94750	55952.16406	504371.5	5410202.2
L4370.0	504371.5	5410200.9	53797.19922	330.61	0	48.844764	-86.940419	55959.67	56239.4	10.55	55970.23	55972.87109	55869.11470	55930.39844	504371.5	5410200.9
L4370.0	504371.5	5410200.9	53797.30078	329.57	0	48.844764	-86.940419	55958.84	56239.4	10.56	55969.40	55971.91797	55869.14228	55930.48438	504371.5	5410200.9
L4370.0	504371.5	5410199.3	53797.39844	330.16	0	48.844749	-86.940419	55957.39	56239.4	10.56	55967.95	55970.33984	55856.32938	55917.71875	504371.5	5410199.3
L4370.0	504371.5	5410197.9	53797.50000	329.61	0	48.844737	-86.940419	55957.09	56239.4	10.56	55967.65	55969.91797	55866.34373	55927.77344	504371.5	5410197.9
L4370.0	504371.5	5410197.9	53797.60156	330.30	0	48.844737	-86.940419	55956.23	56239.4	10.56	55966.79	55968.92969	55864.71394	55926.17578	504371.5	5410197.9
L4370.0	504371.4	5410196.4	53797.69922	329.25	0	48.844724	-86.940419	55955.65	56239.4	10.56	55966.21	55968.22656	55868.30181	55929.77734	504371.4	5410196.4
L4370.0	504371.4	5410194.8	53797.80078	328.98	0	48.844709	-86.940419	55954.56	56239.4	10.57	55965.13	55967.01953	55861.53308	55923.01563	504371.4	5410194.8
L4370.0	504371.4	5410194.8	53797.89844	326.99	0	48.844709	-86.940419	55953.93	56239.4	10.57	55964.49	55966.25391	55863.13321	55924.61328	504371.4	5410194.8
L4370.0	504371.4	5410192.8	53798.00000	327.26	0	48.844691	-86.940419	55953.14	56239.4	10.57	55963.71	55965.34766	55861.54897	55923.01953	504371.4	5410192.8
L4370.0	504371.4	5410191.2	53798.10156	327.00	0	48.844677	-86.940419	55952.06	56239.4	10.57	55962.63	55964.14063	55853.62923	55915.07422	504371.4	5410191.2
L4370.0	504371.4	5410191.2	53798.19922	327.51	0	48.844677	-86.940419	55951.60	56239.4	10.58	55962.18	55963.56641	55857.75395	55919.16406	504371.4	5410191.2
L4370.0	504371.4	5410187.9	53798.30078	328.83	0	48.844647	-86.940420	55950.84	56239.4	10.58	55961.43	55962.68750	55855.54253	55916.90625	504371.4	5410187.9
L4370.0	504371.4	5410187.9	53798.39844	329.34	0	48.844647	-86.940420	55950.69	56239.4	10.59	55961.28	55962.41016	55864.74096	55926.05078	504371.4	5410187.9
L4370.0	504371.4	5410187.9	53798.50000	330.61	0	48.844647	-86.940420	55949.40	56239.4	10.59	55959.99	55960.99609	55851.07244	55912.32031	504371.4	5410187.9
L4370.0	504371.4	5410185.8	53798.60156	331.13	0	48.844628	-86.940420	55948.84	56239.4	10.59	55959.44	55960.31641	55851.56688	55912.73828	504371.4	5410185.8
L4370.0	504371.4	5410185.8	53798.69922	331.31	0	48.844628	-86.940420	55947.73	56239.4	10.60	55958.33	55959.08203	55840.62784	55901.71094	504371.4	5410185.8
L4370.0	504371.4	5410184.2	53798.80078	329.89	0	48.844614	-86.940420	55947.30	56239.4	10.60	55957.90	55958.52344	55842.66503	55903.64844	504371.4	5410184.2
L4370.0	504371.4	5410182.3	53798.80078	329.89	0	48.844597	-86.940420	55946.97	56239.4	10.60	55957.57	55958.06641	55846.26635	55907.14063	504371.4	5410182.3
L4370.0	504371.4	5410182.3	53799.00000	329.75	0	48.844597	-86.940420	55945.91	56239.4	10.61	55956.52	55956.89063	55835.28422	55896.04297	504371.4	5410182.3
L4370.0	504371.4	5410180.7	53799.10156	329.77	0	48.844583	-86.940420	55945.50	56239.4	10.61	55956.12	55956.36328	55836.70312	55897.33203	504371.4	5410180.7
L4370.0	504371.4	5410179.6	53799.19922	329.04	0	48.844572	-86.940420	55945.31	56239.4	10.61	55955.92	55956.03516	55841.67053	55902.15625	504371.4	5410179.6
L4370.0	504371.4	5410178.0	53799.30078	329.44	0	48.844558	-86.940420	55945.40	56239.4	10.62	55956.02	55956.01172	55852.16682	55912.50000	504371.4	5410178.0
L4370.0	504371.4	5410178.0	53799.39844	329.02	0	48.844558	-86.940420	55943.81	56239.4	10.62	55954.43	55954.29297	55828.95922	55889.12891	504371.4	5410178.0
L4370.0	504371.4	5410176.3	53799.50000	330.01	0	48.844542	-86.940420	55943.11	56239.4	10.62	55953.72	55953.45703	55822.71201	55882.71094	504371.4	5410176.3
L4370.0	504371.4	5410174.9	53799.60156	331.37	0	48.844530	-86.940420	55942.82	56239.4	10.62	55953.45	55953.06250	55824.75481	55884.57031	504371.4	5410174.9
L4370.0	504371.4	5410174.9	53799.69922	331.49	0	48.844530	-86.940420	55942.72	56239.4	10.62	55953.35	55952.83594	55829.75020	55889.37109	504371.4	5410174.9
L4370.0	504371.4	5410173.7	53799.80078	330.52	0	48.844520	-86.940420	55942.85	56239.4	10.63	55953.47	55952.83203	55838.66354	55898.07813	504371.4	5410173.7
L4370.0	504371.4	5410172.2	53799.89844	329.79	0	48.844506	-86.940420	55942.49	56239.4	10.63	55953.12	55952.35547	55837.90594	55897.10547	504371.4	5410172.2
L4370.0	504371.4	5410171.1	53800.00000	329.31	0	48.844496	-86.940420	55942.02	56239.4	10.63	55952.65	55951.76172	55834.36173	55893.33594	504371.4	5410171.1
L4370.0	504371.4	5410171.1	53800.10156	328.90	0	48.844496	-86.940420	55941.34	56239.4	10.63	55951.97	55950.95703	55826.25105	55884.98828	504371.4	5410171.1
L4370.0	504371.4	5410169.5	53800.19922	329.75	0	48.844482	-86.940419	55940.95	56239.4	10.64	55951.59	55950.45313	55823.57567	55882.06641	504371.4	5410169.5
L4370.0	504371.4	5410169.5	53800.30078	330.37	0	48.844482	-86.940419	55941.16	56239.4	10.64	55951.79	55950.53125	55831.82124	55890.05078	504371.4	5410169.5
L4370.0	504371.5	5410167.5	53800.39844	330.34	0	48.844463	-86.940419	55941.31	56239.4	10.64	55951.95	55950.56641	55838.80598	55896.76563	504371.5	5410167.5
L4370.0	504371.5	5410166.2	53800.50000	330.29	0	48.844452	-86.940419	55940.98	56239.4	10.65	55951.62	55950.11719	55835.67089	55893.35547	504371.5	5410166.2
L4370.0	504371.5	5410164.3	53800.60156	329.55	0	48.844435	-86.940418	55940.47	56239.4	10.65	55951.12	55949.49609	55828.68072	55886.07422	504371.5	5410164.3
L4370.0	504371.5	5410164.3	53800.69922	328.55	0	48.844435	-86.940418	55940.24	56239.3	10.65	55950.89	55949.14453	55826.50159	55883.59375	504371.5	5410164.3
L4370.0	504371.5	5410162.7	53800.80078	327.02	0	48.844420	-86.940418	55939.79	56239.3	10.65	55950.44	55948.57422	55819.44712	55876.23047	504371.5	5410162.7
L4370.0	504371.6	5410161.4	53800.80078	327.02	0	48.844409	-86.940418	55939.84	56239.3	10.65	55950.49	55948.50391	55821.81563	55878.27734	504371.6	5410161.4
L4370.0	504371.6	5410160.0	53801.00000	327.96	0	48.844396	-86.940417	55939.86	56239.3	10.66	55950.52	55948.41797	55823.33467	55879.46875	504371.6	5410160.0
L4370.0	504371.6	5410160.0	53801.10156	328.97	0	48.844396	-86.940417	55939.89	56239.3	10.66	55950.55	55948.33203	55824.42078	55880.21484	504371.6	5410160.0
L4370.0	504371.6	5410158.8	53801.19922	329.86	0	48.844386	-86.940417	55939.99	56239.3	10.67	55950.65	55948.31250	55826.49886	55881.94141	504371.6	5410158.8
L4370.0	504371.6	5410157.5	53801.30078	329.32	0	48.844374	-86.940417	55940.07	56239.3	10.67	55950.74	55948.28906	55827.98808	55883.07031	504371.6	5410157.5
L4370.0	504371.6	5410157.5	53801.39844	330.12	0	48.844374	-86.940417	55940.04	56239.3	10.67	55950.72	55948.15234	55826.86960	55881.57813	504371.6	5410157.5
L4370.0	504371.6	5410155.7	53801.50000	332.04	0	48.844358	-86.940417	55939.99	56239.3	10.68	55950.66	55947.98047	55824.55503	55878.88672	504371.6	5410155.7
L4370.0	504371.6	5410154.2	53801.60156	331.63	0	48.844344	-86.940417	55940.04	56239.3	10.68	55950.72	55947.92969	55824.30605	55878.24609	504371.6	5410154.2
L4370.0	504371.6	5410154.2	53801.69922	331.71	0	48.844344	-86.940417	55940.27	56239.3	10.68	55950.95	55948.04688	55827.16325	55880.70703	504371.6	5410154.2
L4370.0	504371.6	5410152.8	53801.80078	332.45	0	48.844331	-86.940417	55940.75	56239.3	10.68	55951.43	55948.41797	55834.78147	55887.91406	504371.6	5410152.8
L4370.0	504371.7	5410151.4	53801.89844	333.64	0	48.844319	-86.940416	55940.83	56239.3	10.69	55951.52	55948.39844	55834.07958	55886.79297	504371.7	5410151.4
L4370.0	504371.6	5410149.7	53802.00000	333.67	0	48.844303	-86.940417	55940.32	56239.3	10.69	55951.01	55947.78516	55820.74358	55873.03125	504371.6	5410149.7
L4370.0	504371.6	5410149.7	53802.10156	333.37	0	48.844303	-86.940417	55940.50	56239.3	10.69	55951.19	55947.85938	55821.14079	55872.99219	504371.6	5410149.7
L4370.0	504371.6	5410148.3	53802.19922	332.02	0	48.844291	-86.940417	55940.70	56239.3	10.69	55951.39	55947.95313	55821.58018	55872.98438	504371.6	5410148.3

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4370.0	504371.6	5410147.0	53802.30078	333.82	0	48.844279	-86.940417	55940.88	56239.3	10.70	55951.58	55948.04297	55821.45770	55872.41016	504371.6	5410147.0
L4370.0	504371.6	5410145.4	53802.39844	332.78	0	48.844265	-86.940417	55941.58	56239.3	10.70	55952.28	55948.64063	55831.35792	55881.84375	504371.6	5410145.4
L4370.0	504371.6	5410145.4	53802.50000	331.73	0	48.844265	-86.940417	55942.02	56239.3	10.70	55952.72	55948.98047	55835.57563	55885.58984	504371.6	5410145.4
L4370.0	504371.6	5410143.9	53802.60156	330.17	0	48.844251	-86.940417	55942.49	56239.3	10.70	55953.19	55949.35547	55840.02969	55889.56641	504371.6	5410143.9
L4370.0	504371.6	5410143.9	53802.69922	328.42	0	48.844251	-86.940417	55943.08	56239.3	10.70	55953.78	55949.84766	55846.53188	55895.57813	504371.6	5410143.9
L4370.0	504371.6	5410142.3	53802.80078	328.68	0	48.844237	-86.940418	55943.64	56239.3	10.71	55954.34	55950.31641	55852.03206	55900.58203	504371.6	5410142.3
L4370.0	504371.6	5410140.9	53802.80078	328.68	0	48.844224	-86.940418	55943.96	56239.3	10.71	55954.67	55950.55469	55852.50637	55900.55078	504371.6	5410140.9
L4370.0	504371.5	5410139.6	53803.00000	328.49	0	48.844212	-86.940418	55944.67	56239.3	10.71	55955.38	55951.17578	55860.22110	55907.75391	504371.5	5410139.6
L4370.0	504371.5	5410139.6	53803.10156	329.06	0	48.844212	-86.940418	55944.64	56239.3	10.71	55955.36	55951.06641	55852.92475	55899.93750	504371.5	5410139.6
L4370.0	504371.5	5410137.7	53803.19922	328.29	0	48.844196	-86.940418	55944.59	56239.3	10.72	55955.31	55950.92969	55844.70349	55891.18750	504371.5	5410137.7
L4370.0	504371.5	5410136.4	53803.30078	328.73	0	48.844184	-86.940418	55945.00	56239.3	10.72	55955.71	55951.24609	55845.08970	55891.03906	504371.5	5410136.4
L4370.0	504371.6	5410135.1	53803.39844	328.35	0	48.844172	-86.940418	55945.81	56239.3	10.72	55956.53	55951.98828	55853.40267	55898.80859	504371.6	5410135.1
L4370.0	504371.6	5410135.1	53803.50000	329.89	0	48.844172	-86.940418	55946.62	56239.3	10.72	55957.35	55952.72656	55861.28174	55906.13672	504371.6	5410135.1
L4370.0	504371.6	5410133.7	53803.60156	330.01	0	48.844160	-86.940418	55947.25	56239.3	10.73	55957.98	55953.28125	55864.98770	55909.28516	504371.6	5410133.7
L4370.0	504371.6	5410132.3	53803.69922	330.42	0	48.844147	-86.940417	55947.91	56239.3	10.73	55958.64	55953.86719	55868.88085	55912.61719	504371.6	5410132.3
L4370.0	504371.6	5410132.3	53803.80078	330.89	0	48.844147	-86.940417	55948.77	56239.3	10.73	55959.50	55954.65625	55876.31347	55919.47656	504371.6	5410132.3
L4370.0	504371.7	5410130.7	53803.89844	330.27	0	48.844133	-86.940417	55949.66	56239.3	10.74	55960.39	55955.47656	55883.95429	55926.54297	504371.7	5410130.7
L4370.0	504371.7	5410129.1	53804.00000	330.87	0	48.844118	-86.940416	55949.91	56239.3	10.74	55960.65	55955.67188	55878.82520	55920.82813	504371.7	5410129.1
L4370.0	504371.7	5410127.6	53804.10156	330.76	0	48.844105	-86.940416	55950.16	56239.3	10.74	55960.90	55955.85547	55873.14257	55914.55859	504371.7	5410127.6
L4370.0	504371.7	5410127.6	53804.19922	330.48	0	48.844105	-86.940416	55950.69	56239.3	10.74	55961.43	55956.32422	55872.63377	55913.45313	504371.7	5410127.6
L4370.0	504371.8	5410125.8	53804.30078	329.39	0	48.844089	-86.940415	55951.38	56239.3	10.74	55962.12	55956.95703	55874.96169	55915.18359	504371.8	5410125.8
L4370.0	504371.8	5410124.2	53804.39844	328.61	0	48.844074	-86.940414	55951.88	56239.3	10.74	55962.62	55957.40234	55873.22973	55912.84375	504371.8	5410124.2
L4370.0	504371.8	5410124.2	53804.50000	328.10	0	48.844074	-86.940414	55952.89	56239.3	10.75	55963.64	55958.37109	55881.49214	55920.49609	504371.8	5410124.2
L4370.0	504371.9	5410122.2	53804.60156	328.98	0	48.844056	-86.940414	55953.70	56239.3	10.75	55964.45	55959.12891	55885.32607	55923.71094	504371.9	5410122.2
L4370.0	504371.9	5410120.7	53804.69922	329.17	0	48.844042	-86.940413	55953.86	56239.3	10.75	55964.60	55959.23438	55875.79601	55913.56250	504371.9	5410120.7
L4370.0	504371.9	5410120.7	53804.80078	329.34	0	48.844042	-86.940413	55954.76	56239.3	10.75	55965.51	55960.10156	55881.06968	55918.21094	504371.9	5410120.7
L4370.0	504371.9	5410119.1	53804.80078	329.34	0	48.844029	-86.940413	55955.88	56239.3	10.75	55966.63	55961.17969	55890.25949	55926.76953	504371.9	5410119.1
L4370.0	504372.0	5410117.5	53805.00000	329.00	0	48.844014	-86.940413	55957.02	56239.3	10.75	55967.77	55962.28516	55899.59676	55935.47266	504372.0	5410117.5
L4370.0	504372.0	5410117.5	53805.10156	330.37	0	48.844014	-86.940413	55957.68	56239.2	10.75	55968.43	55962.91016	55899.12680	55934.36328	504372.0	5410117.5
L4370.0	504372.0	5410115.8	53805.19922	330.41	0	48.843999	-86.940412	55958.36	56239.2	10.76	55969.11	55963.55859	55898.79098	55933.38672	504372.0	5410115.8
L4370.0	504372.0	5410114.4	53805.30078	330.86	0	48.843986	-86.940412	55958.81	56239.2	10.76	55969.57	55963.99219	55893.79723	55927.74609	504372.0	5410114.4
L4370.0	504372.0	5410114.4	53805.39844	332.67	0	48.843986	-86.940412	55959.62	56239.2	10.76	55970.38	55964.78125	55895.54130	55928.83984	504372.0	5410114.4
L4370.0	504372.0	5410112.8	53805.50000	332.39	0	48.843972	-86.940412	55960.36	56239.2	10.76	55971.12	55965.50000	55895.64794	55928.29297	504372.0	5410112.8
L4370.0	504372.1	5410111.5	53805.60156	333.36	0	48.843960	-86.940411	55961.46	56239.2	10.77	55972.23	55966.59375	55902.96154	55934.95313	504372.1	5410111.5
L4370.0	504372.1	5410110.3	53805.69922	333.90	0	48.843949	-86.940411	55962.05	56239.2	10.77	55972.82	55967.17188	55899.61941	55930.95313	504372.1	5410110.3
L4370.0	504372.1	5410110.3	53805.80078	331.55	0	48.843949	-86.940411	55962.73	56239.2	10.77	55973.50	55967.83984	55897.87856	55928.55078	504372.1	5410110.3
L4370.0	504372.1	5410108.6	53805.89844	331.10	0	48.843934	-86.940411	55963.41	56239.2	10.78	55974.19	55968.52344	55896.14605	55926.15625	504372.1	5410108.6
L4370.0	504372.1	5410107.1	53806.00000	329.97	0	48.843920	-86.940411	55965.06	56239.2	10.78	55975.84	55970.17188	55913.66805	55943.01172	504372.1	5410107.1
L4370.0	504372.1	5410107.1	53806.10156	330.15	0	48.843920	-86.940411	55966.25	56239.2	10.78	55977.03	55971.36328	55921.75859	55950.43750	504372.1	5410107.1
L4370.0	504372.1	5410105.5	53806.19922	330.79	0	48.843906	-86.940411	55966.98	56239.2	10.78	55977.76	55972.10156	55920.39442	55948.40625	504372.1	5410105.5
L4370.0	504372.1	5410104.5	53806.30078	332.09	0	48.843897	-86.940411	55967.18	56239.2	10.79	55977.97	55972.32031	55908.36232	55935.70313	504372.1	5410104.5
L4370.0	504372.2	5410102.5	53806.39844	331.40	0	48.843879	-86.940410	55967.56	56239.2	10.79	55978.35	55972.71094	55899.67669	55926.34766	504372.2	5410102.5
L4370.0	504372.2	5410102.5	53806.50000	332.69	0	48.843879	-86.940410	55968.38	56239.2	10.79	55979.17	55973.55078	55899.81819	55925.81641	504372.2	5410102.5
L4370.0	504372.2	5410101.1	53806.60156	331.28	0	48.843867	-86.940410	55970.07	56239.2	10.79	55980.86	55975.26172	55917.43333	55942.75781	504372.2	5410101.1
L4370.0	504372.2	5410101.1	53806.69922	331.07	0	48.843867	-86.940410	55971.61	56239.2	10.79	55982.41	55976.83594	55932.05886	55956.71094	504372.2	5410101.1
L4370.0	504372.2	5410099.3	53806.80078	330.26	0	48.843850	-86.940409	55972.65	56239.2	10.80	55983.44	55977.89453	55936.07724	55960.05859	504372.2	5410099.3
L4370.0	504372.3	5410097.9	53806.80078	330.26	0	48.843838	-86.940409	55973.46	56239.2	10.80	55984.25	55978.73828	55935.58819	55958.89844	504372.3	5410097.9
L4370.0	504372.3	5410096.3	53807.00000	330.61	0	48.843823	-86.940408	55974.39	56239.2	10.80	55985.20	55979.72266	55937.81076	55960.44531	504372.3	5410096.3
L4370.0	504372.3	5410096.3	53807.10156	331.72	0	48.843823	-86.940408	55975.25	56239.2	10.80	55986.05	55980.61328	55937.95687	55959.91797	504372.3	5410096.3
L4370.0	504372.3	5410094.8	53807.19922	331.08	0	48.843809	-86.940408	55975.76	56239.2	10.80	55986.56	55981.16797	55931.33102	55952.62500	504372.3	5410094.8
L4370.0	504372.4	5410093.6	53807.30078	331.40	0	48.843799	-86.940407	55976.70	56239.2	10.80	55987.50	55982.16016	55933.12568	55953.75000	504372.4	5410093.6
L4370.0	504372.4	5410092.3	53807.39844	330.73	0	48.843787	-86.940407	55977.61	56239.2	10.80	55988.41	55983.12109	55934.24195	55954.19531	504372.4	5410092.3
L4370.0	504372.4	5410092.3	53807.50000	330.43	0	48.843787	-86.940407	55978.77	56239.2	10.81	55989.57	55984.33984	55940.12381	55959.41016	504372.4	5410092.3
L4370.0	504372.4	5410090.5	53807.60156	328.82	0	48.843771	-86.940407	55979.93	56239.2	10.81	55990.74	55985.57031	55946.06593	55964.68359	504372.4	5410090.5
L4370.0	504372.4	5410089.1	53807.69922	326.92	0	48.843758	-86.940406	55981.20	56239.2	10.81	55992.01	55986.90625	55953.80947	55971.76563	504372.4	5410089.1
L4370.0	504372.5	5410087.5	53807.80078	327.04	0	48.843744	-86.940406	55982.46	56239.2	10.81	55993.26	55988.22656	55961.04449	55978.33984	504372.5	5410087.5
L4370.0	504372.5	5410087.5	53807.89844	326.98	0	48.843744	-86.940406	55982.99	56239.2	10.81	55993.80	55988.83984	55954.53012	55971.16406	504372.5	5410087.5
L4370.0	504372.5	5410086.4	53808.00000	327.70	0	48.843734	-86.940406	55983.83	56239.2	10.81	55994.64	55989.75781	55953.72105	55969.69531	504372.5	5410086.4
L4370.0	504372.5	5410085.0	53808.10156	327.58	0	48.843722	-86.940406	55985.02	56239.2	10.81	55995.83	55991.03125	55959.58449	55974.90625	504372.5	5410085.0
L4370.0	504372.5	5410083.9	53808.19922	326.92	0	48.843712	-86.940406	55986.08	56239.2	10.81	55996.89	55992.17578	55962.90138	55977.57031	504372.5	5410083.9
L4370.0	504372.5	5410083.9	53808.30078	326.62	0	48.843712	-86.940406	55987.16	56239.2	10.81	55997.98	55993.35938	55966.76547	55980.78906	504372.5	5410083.9
L4370.0	504372.5	5410082.3	53808.39844	326.60	0	48.843697	-86.940406	55988.10	56239.2	10.81	55998.92	55994.39453	55967.70886	55981.08594	504372.5	5410082.3
L4370.0	504372.5	5410082.3	53808.50000	326.68	0	48.843697	-86.940406	55989.09	56239.2	10.81	55999.90	55995.47266	55969.41478	55982.15234	504372.5	5410082.3
L4370.0	504372.5	5410080.7	53808.60156	328.38	0	48.843683	-86.940406	55990.08	56239.2	10.82	56000.89	55996.56641	55971.31552	55983.41406	504372.5	5410080.7
L4370.0	504372.5	5410079.5	53808.69922	330.04	0	48.843672	-86.940406	55990.73	56239.2	10.82	56001.55	55997.33203	55966.75060	55978.21484	504372.5	5410079.5
L4370.0	0.0	0.0	53808.80078	329.12	0	48.843658	-86.940406	55991.52	56239.2	10.82	56002.34	55998.23438	55964.71251	55975.55078	504372.5	5410077.9
L4370.0	0.0	0.0	53808.80078	329.12	0	48.843646	-86.940406	55992.91	56239.2	10.82	56003.72	55999.73047	55974.35467	55984.57031	504372.5	5410076.6
L4370.0	0.0	0.0	53809.00000	329.41	0	48.843646	-86.940406	55994.25	56239.2	10.82	56005.07	56001.19922	55983.51125	55993.10547	504372.5	5410076.6
L4370.0	0.0	0.0	53809.10156	332.31	0	48.843633	-86.940405	55995.21	56239.2	10.82	56006.04	56002.29297	55985.18744	55994.16406	504372.5	5410075.2
L4370.0	0.0	0.0	53809.19922	333.46	0	48.843622	-86.940405	55996.07	56239.2	10.83	56006.89	56003.27344	55984.50989	55992.87891	504372.5	5410073.9
L4370.0	0.0	0.0	53809.30078	332.26	0	48.843622	-86.940405	55997.14	56239.2	10.83	56007.97	56004.48438	55988.51072	55996.27734	504372.5	5410073.9
L4370.0	0.0	0.0	53809.39844	332.01	0	48.843608	-86.940405	55998.17	56239.2	10.84	56009.01	56005.66016	55991.78861	55998.95703	504372.5	5410072.4
L4370.0	0.0	0.0	53809.50000	332.01	0	48.843594	-86.940405	55999.00	56239.2	10.84	56009.84	56006.62891	55990.89228	55997.46484	504372.5	5410070.9
L4370.0	0.0	0.0	53809.60156	331.46	0	48.843585	-86.940405	55999.89	56239.2	10.84	56010.73	56007.66406	55991.28176	55997.26563	504372.6	5410069.8
L4370.0	0.0	0.0	53809.69922	331.46	0	48.843585	-86.940405	56001.03	56239.2	10.85	56011.88	56008.96094	55997.04709	56002.45313	504372.6	5410069.8
L4370.0	0.0	0.0	53809.80078	330.42	0	48.843573	-86.940405	56001.96	56239.1	10.85	56012.81	56010.04297	55998.42640	56003.25781	504372.6	5410068.4
L4370.0	0.0	0.0	53809.80078	330.42	0	48.843561	-86.940405	56003.05	56239.1	10.85	56013.90	56011.28906	56003.16348	56007.42578	504372.6	5410067.1
L4370.0	0.0	0.0	53810.00000	330.33	0	48.843561	-86.940405	56004.04	56239.1	10.86	56014.90	56012.44922	56006.16074	56009.85938	504372.6	5410067.1
L4370.0	0.0	0.0	53810.10156	331.21	0	48.843548	-86.940405	56005.02	56239.1	10.86	56015.88	56013.59375	56008.84669	56011.99219	504372.6	5410065.7
L4370.0	0.0	0.0	53810.19922	329.45	0	48.843532	-86.940405	56005.76	56239.1	10.86	56016.62	56014.50000	56006.73491	56009.33203	504372.6	5410063.9
L4370.0	0.0	0.0	53810.30078	329.45	0	48.843523	-86.940404	56006.67	56239.1	10.86	56017.53	56015.58203	56008.19960	56010.25781	504372.6	5410062.9
L4370.0	0.0	0.0	53810.39844	328.69	0	48.843509	-86.940404	56007.32	56239.1	10.86	56018.18	56016.40625	56004.48285	56006.00781	504372.6	5410061.4
L4370.0	0.0	0.0	53810.50000	329.22	0	48.843509	-86.940404	56008.36	56239.1	10.86	56019.22	56017.62109	56008.81556	56009.81250	504372.6	5410061.4
L4370.0	0.0	0.0	53810.60156	327.53	0	48.843498	-86.940404	56009.25	56239.1	10.85	56020.10	56018.68359	56010.00788	56010.48438	504372.6	5410060.1
L4370.0	0.0	0.0	53810.69922	330.00	0	48.843487	-86.940404	56010.26	56239.1	10.85	56021.11	56019.87891	56013.94437	56013.91016	504372.6	5410058.9
L4370.0	0.0	0.0	53810.80078	330.86	0	48.843487	-86.940404	56011.25	56239.1	10.85	56022.10	56021.05859	56017.58420	56017.04688	504372.6	5410058.9
L4370.0	0.0	0.0	53810.80078	330.86	0	48.843475	-86.940404	56012.34	56239.1	10.85	56023.19	56022.33984	56023.34996	56022.31641	504372.7	5410057.6
L4370.0	0.0	0.0	53811.00000	331.50	0	48.843464	-86.940404	56012.94	56239.2	10.85	56023.79	56023.13672	56019.38027	56017.85938	504372.7	5410056.4
L4370.0	0.0	0.0	53811.10156	332.00	0	48.843464	-86.940404	56014.08	56239.1	10.85	56024.93	56024.47266	56026.38580	56024.38672	504372.7	5410056.4
L4370.0	0.0	0.0	53811.19922	331.53	0	48.843450	-86.940404	56014.84	56239.1	10.85	56025.69	56025.43359	56025.89908	56023.42969	504372.7	5410054.8
L4370.0	0.0	0.0	53811.30078	330.36	0	48.843438	-86.940404	56015.97	56239.1	10.85	56026.83	56026.78125	56033.13652	56030.20313	504372.6	5410053.4
L4370.0	0.0	0.0	53811.39844	331.20	0	48.843424	-86.940404	56016.73	56239.1	10.85	56027.59	56027.74609	56032.92201	56029.53516	504372.6	5410052.0
L4370.0	0.0	0.0	53811.50000	330.46	0	48.843424	-86.940404	56017.82	56239.1	10.85	56028.68	56029.05078	56039.41365	56035.58203	504372.6	5410052.0

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4370.0	0.0	0.0	53811.60156	330.48	0	48.843411	-86.940404	56018.66	56239.1	10.86	56029.52	56030.10156	56041.07582	56036.80469	504372.6	5410050.5
L4370.0	0.0	0.0	53811.69922	331.19	0	48.843411	-86.940404	56019.14	56239.1	10.86	56030.00	56030.80078	56035.75225	56031.05469	504372.6	5410050.5
L4370.0	0.0	0.0	53811.80078	331.22	0	48.843402	-86.940405	56019.95	56239.1	10.86	56030.80	56031.82031	56036.93340	56031.82031	504372.6	5410049.5
L4370.0	0.0	0.0	53811.89844	329.11	0	48.843392	-86.940405	56020.68	56239.1	10.86	56031.54	56032.78125	56037.08278	56031.55859	504372.6	5410048.3
L4370.0	0.0	0.0	53812.00000	328.62	0	48.843380	-86.940405	56021.44	56239.1	10.86	56032.30	56033.76563	56037.78830	56031.86328	504372.6	5410047.1
L4370.0	0.0	0.0	53812.10156	329.08	0	48.843380	-86.940405	56022.50	56239.1	10.86	56033.36	56035.05469	56044.62512	56038.30859	504372.6	5410047.1
L4370.0	0.0	0.0	53812.19922	329.16	0	48.843370	-86.940405	56023.44	56239.1	10.86	56034.30	56036.22656	56049.26293	56042.56250	504372.6	5410046.0
L4370.0	0.0	0.0	53812.30078	327.55	0	48.843360	-86.940406	56024.02	56239.1	10.86	56034.88	56037.03906	56046.89019	56039.81641	504372.5	5410044.9
L4370.0	0.0	0.0	53812.39844	326.63	0	48.843360	-86.940406	56024.73	56239.1	10.86	56035.59	56037.98438	56047.27775	56039.84375	504372.5	5410044.9
L4370.0	0.0	0.0	53812.50000	327.93	0	48.843347	-86.940406	56025.41	56239.1	10.86	56036.28	56038.91016	56047.43010	56039.64063	504372.5	5410043.4
L4370.0	0.0	0.0	53812.60156	329.44	0	48.843338	-86.940406	56026.27	56239.1	10.87	56037.14	56040.00781	56051.18315	56043.04688	504372.5	5410042.4
L4370.0	0.0	0.0	53812.69922	330.13	0	48.843338	-86.940406	56026.93	56239.1	10.87	56037.79	56040.90234	56050.86836	56042.39844	504372.5	5410042.4
L4370.0	0.0	0.0	53812.80078	329.92	0	48.843327	-86.940407	56027.56	56239.1	10.87	56038.43	56041.78516	56050.51282	56041.71875	504372.5	5410041.1
L4370.0	0.0	0.0	53812.80078	329.92	0	48.843315	-86.940407	56028.32	56239.1	10.87	56039.19	56042.79297	56052.76677	56043.65625	504372.4	5410039.8
L4370.0	0.0	0.0	53813.00000	332.08	0	48.843307	-86.940407	56029.18	56239.1	10.87	56040.05	56043.89844	56057.23817	56047.82031	504372.4	5410038.9
L4370.0	0.0	0.0	53813.10156	333.30	0	48.843307	-86.940407	56029.84	56239.1	10.87	56040.71	56044.80859	56057.80968	56048.09375	504372.4	5410038.9
L4370.0	0.0	0.0	53813.19922	335.54	0	48.843298	-86.940407	56030.27	56239.1	10.87	56041.13	56045.48047	56053.65051	56043.64844	504372.4	5410037.9
L4370.0	0.0	0.0	53813.30078	333.76	0	48.843287	-86.940408	56030.86	56239.1	10.86	56041.72	56046.32422	56053.13689	56042.85547	504372.4	5410036.7
L4370.0	0.0	0.0	53813.39844	333.42	0	48.843287	-86.940408	56031.31	56239.1	10.86	56042.17	56047.02734	56049.93915	56039.39063	504372.4	5410036.7
L4370.0	0.0	0.0	53813.50000	333.95	0	48.843277	-86.940408	56031.74	56239.1	10.86	56042.60	56047.71484	56046.51602	56035.70703	504372.4	5410035.5
L4370.0	0.0	0.0	53813.60156	333.24	0	48.843266	-86.940408	56032.46	56239.1	10.86	56043.32	56048.69141	56049.19907	56038.14063	504372.4	5410034.4
L4370.0	0.0	0.0	53813.69922	332.49	0	48.843253	-86.940408	56033.20	56239.1	10.86	56044.06	56049.69141	56052.46643	56041.16797	504372.4	5410032.9
L4370.0	0.0	0.0	53813.80078	330.81	0	48.843253	-86.940408	56033.73	56239.1	10.85	56044.59	56050.48047	56051.63569	56040.10938	504372.4	5410032.9
L4370.0	0.0	0.0	53813.89844	329.51	0	48.843246	-86.940408	56034.42	56239.1	10.85	56045.27	56051.42188	56054.03587	56042.28906	504372.4	5410032.1
L4370.0	0.0	0.0	53814.00000	329.16	0	48.843246	-86.940408	56035.20	56239.2	10.85	56046.05	56052.46484	56058.63160	56046.67188	504372.4	5410032.1
L4370.0	0.0	0.0	53814.10156	327.29	0	48.843235	-86.940408	56035.86	56239.1	10.85	56046.71	56053.39063	56060.96275	56048.80078	504372.4	5410030.9
L4370.0	0.0	0.0	53814.19922	327.04	0	48.843226	-86.940408	56036.36	56239.1	10.85	56047.22	56054.16406	56060.44676	56048.09375	504372.4	5410029.9
L4370.0	0.0	0.0	53814.30078	327.78	0	48.843217	-86.940408	56036.77	56239.1	10.86	56047.62	56054.82813	56057.91518	56045.37891	504372.3	5410028.9
L4370.0	0.0	0.0	53814.39844	327.87	0	48.843217	-86.940408	56037.33	56239.1	10.86	56048.19	56055.66406	56058.98397	56046.27344	504372.3	5410028.9
L4370.0	0.0	0.0	53814.50000	328.37	0	48.843209	-86.940408	56037.66	56239.1	10.86	56048.52	56056.26172	56055.45186	56042.57813	504372.3	5410028.0
L4370.0	0.0	0.0	53814.60156	330.70	0	48.843203	-86.940409	56038.09	56239.1	10.86	56048.95	56056.96094	56054.11259	56041.08203	504372.3	5410027.3
L4370.0	0.0	0.0	53814.69922	330.19	0	48.843195	-86.940409	56038.62	56239.1	10.86	56049.48	56057.75781	56054.94941	56041.77344	504372.3	5410026.4
L4370.0	0.0	0.0	53814.80078	328.79	0	48.843195	-86.940409	56039.32	56239.1	10.87	56050.19	56058.73828	56059.54178	56046.22656	504372.3	5410026.4
L4370.0	0.0	0.0	53814.80078	328.79	0	48.843187	-86.940409	56039.88	56239.1	10.87	56050.75	56059.56641	56061.34314	56047.89844	504372.3	5410025.6
L4370.0	0.0	0.0	53815.00000	330.58	0	48.843179	-86.940409	56040.23	56239.1	10.87	56051.10	56060.18359	56059.16104	56045.59766	504372.3	5410024.6
L4370.0	0.0	0.0	53815.10156	330.55	0	48.843179	-86.940409	56040.56	56239.1	10.87	56051.43	56060.78516	56056.75645	56043.08203	504372.3	5410024.6
L4370.0	0.0	0.0	53815.19922	331.33	0	48.843170	-86.940409	56041.18	56239.1	10.87	56052.04	56061.66406	56060.11195	56046.33594	504372.3	5410023.7
L4370.0	0.0	0.0	53815.30078	332.45	0	48.843162	-86.940409	56041.88	56239.1	10.87	56052.75	56062.64063	56065.67006	56051.80078	504372.3	5410022.7
L4370.0	0.0	0.0	53815.39844	331.64	0	48.843162	-86.940409	56042.26	56239.1	10.87	56053.12	56063.28125	56064.60593	56050.64844	504372.3	5410022.7
L4370.0	0.0	0.0	53815.50000	330.52	0	48.843154	-86.940409	56042.62	56239.1	10.86	56053.48	56063.91016	56063.50540	56049.47266	504372.3	5410021.9
L4370.0	0.0	0.0	53815.60156	331.14	0	48.843146	-86.940410	56042.99	56239.1	10.86	56053.86	56064.55859	56062.97190	56048.87109	504372.3	5410021.1
L4370.0	0.0	0.0	53815.69922	330.97	0	48.843139	-86.940410	56043.52	56239.1	10.86	56054.39	56065.35547	56065.64896	56051.48438	504372.2	5410020.3
L4370.0	0.0	0.0	53815.80078	331.04	0	48.843132	-86.940410	56044.00	56239.1	10.86	56054.87	56066.10156	56067.48329	56053.26563	504372.2	5410019.4
L4370.0	0.0	0.0	53815.89844	331.10	0	48.843132	-86.940410	56044.18	56239.1	10.86	56055.04	56066.53906	56063.16613	56048.90625	504372.2	5410019.4
L4370.0	0.0	0.0	53816.00000	330.55	0	48.843126	-86.940410	56044.76	56239.1	10.86	56055.62	56067.38672	56067.36470	56053.06641	504372.2	5410018.8
L4370.0	0.0	0.0	53816.10156	332.35	0	48.843120	-86.940411	56044.91	56239.1	10.86	56055.77	56067.80078	56062.95808	56048.62891	504372.2	5410018.1
L4370.0	0.0	0.0	53816.19922	331.93	0	48.843113	-86.940411	56045.65	56239.1	10.86	56056.50	56068.79688	56070.52959	56056.17969	504372.2	5410017.3
L4370.0	0.0	0.0	53816.30078	331.03	0	48.843113	-86.940411	56045.98	56239.1	10.85	56056.83	56069.39063	56070.10472	56055.73828	504372.2	5410017.3
L4370.0	0.0	0.0	53816.39844	331.66	0	48.843106	-86.940411	56046.66	56239.1	10.85	56057.51	56070.33203	56076.93395	56062.55859	504372.2	5410016.6
L4370.0	0.0	0.0	53816.50000	331.70	0	48.843106	-86.940411	56046.78	56239.2	10.85	56057.63	56070.71484	56072.55522	56058.17969	504372.2	5410016.6
L4370.0	0.0	0.0	53816.60156	331.52	0	48.843100	-86.940411	56047.07	56239.2	10.85	56057.91	56071.25781	56071.58096	56057.21094	504372.2	5410015.9
L4370.0	0.0	0.0	53816.69922	330.90	0	48.843092	-86.940411	56047.21	56239.2	10.85	56058.06	56071.66406	56068.15535	56053.80078	504372.2	5410015.1
L4370.0	0.0	0.0	53816.80078	330.30	0	48.843086	-86.940411	56047.65	56239.2	10.84	56058.49	56072.35156	56070.50673	56056.16797	504372.2	5410014.4
L4370.0	0.0	0.0	53816.80078	330.30	0	48.843086	-86.940411	56048.10	56239.2	10.84	56058.95	56073.07031	56073.58568	56059.27344	504372.2	5410014.4
L4370.0	0.0	0.0	53817.00000	327.79	0	48.843080	-86.940411	56048.18	56239.2	10.84	56059.02	56073.39453	56069.05020	56054.77344	504372.2	5410013.6
L4370.0	0.0	0.0	53817.10156	326.69	0	48.843074	-86.940411	56048.53	56239.2	10.84	56059.37	56074.00000	56070.22761	56055.98828	504372.2	5410013.0
L4370.0	0.0	0.0	53817.19922	327.41	0	48.843074	-86.940411	56048.84	56239.2	10.84	56059.67	56074.55078	56070.55399	56056.35938	504372.2	5410013.0
L4370.0	0.0	0.0	53817.30078	326.96	0	48.843068	-86.940411	56049.19	56239.2	10.84	56060.03	56075.16016	56072.19281	56058.04688	504372.2	5410012.4
L4370.0	0.0	0.0	53817.39844	327.05	0	48.843062	-86.940410	56049.26	56239.2	10.84	56060.09	56075.46875	56068.10327	56054.01172	504372.2	5410011.7
L4370.0	0.0	0.0	53817.50000	328.75	0	48.843056	-86.940410	56049.77	56239.2	10.83	56060.61	56076.23438	56073.12071	56059.09375	504372.2	5410011.0
L4370.0	0.0	0.0	53817.60156	328.55	0	48.843056	-86.940410	56050.20	56239.2	10.83	56061.03	56076.89844	56076.29861	56062.33594	504372.2	5410011.0
L4370.0	0.0	0.0	53817.69922	328.94	0	48.843051	-86.940410	56050.43	56239.2	10.83	56061.27	56077.37891	56076.11093	56062.22266	504372.2	5410010.5
L4370.0	0.0	0.0	53817.80078	329.58	0	48.843051	-86.940410	56050.53	56239.2	10.83	56061.36	56077.71094	56073.16277	56059.34766	504372.2	5410010.5
L4370.0	0.0	0.0	53817.89844	330.18	0	48.843045	-86.940410	56050.66	56239.2	10.83	56061.49	56078.07813	56071.12216	56057.39063	504372.2	5410009.8
L4370.0	0.0	0.0	53818.00000	329.02	0	48.843041	-86.940410	56050.96	56239.2	10.83	56061.79	56078.61328	56072.47334	56058.82813	504372.2	5410009.3
L4370.0	0.0	0.0	53818.10156	328.39	0	48.843037	-86.940410	56051.22	56239.2	10.83	56062.05	56079.10547	56073.17223	56059.61719	504372.2	5410008.9
L4370.0	0.0	0.0	53818.19922	328.43	0	48.843037	-86.940410	56051.44	56239.2	10.83	56062.27	56079.55859	56073.21868	56059.75781	504372.2	5410008.9
L4370.0	0.0	0.0	53818.30078	327.94	0	48.843031	-86.940411	56051.32	56239.2	10.83	56062.14	56079.65625	56066.66952	56053.30859	504372.2	5410008.2
L4370.0	0.0	0.0	53818.39844	328.22	0	48.843026	-86.940411	56051.72	56239.2	10.83	56062.54	56080.28125	56070.38470	56057.12891	504372.1	5410007.7
L4370.0	0.0	0.0	53818.50000	328.07	0	48.843022	-86.940412	56051.71	56239.2	10.82	56062.54	56080.50391	56066.53199	56053.38281	504372.1	5410007.3
L4370.0	0.0	0.0	53818.60156	327.81	0	48.843020	-86.940412	56052.02	56239.2	10.82	56062.85	56081.03516	56068.72727	56055.68750	504372.1	5410007.0
L4370.0	0.0	0.0	53818.69922	330.13	0	48.843016	-86.940412	56052.25	56239.2	10.82	56063.07	56081.47266	56069.29339	56056.36719	504372.1	5410006.6
L4370.0	0.0	0.0	53818.80078	330.60	0	48.843016	-86.940412	56052.48	56239.2	10.82	56063.30	56081.91406	56070.14887	56057.33984	504372.1	5410006.6
L4370.0	0.0	0.0	53818.80078	330.60	0	48.843011	-86.940413	56052.78	56239.2	10.82	56063.60	56082.42578	56072.45568	56059.76953	504372.0	5410006.0
L4370.0	0.0	0.0	53819.00000	328.78	0	48.843011	-86.940413	56053.12	56239.2	10.82	56063.94	56082.97656	56075.64321	56063.08203	504372.0	5410006.0
L4370.0	0.0	0.0	53819.10156	328.47	0	48.843008	-86.940413	56053.21	56239.2	10.82	56064.03	56083.26953	56074.06198	56061.62500	504372.0	5410005.7
L4370.0	0.0	0.0	53819.19922	327.74	0	48.843005	-86.940414	56053.08	56239.2	10.82	56063.90	56083.34375	56068.24043	56055.93359	504372.0	5410005.3
L4370.0	0.0	0.0	53819.30078	325.68	0	48.843002	-86.940414	56053.19	56239.2	10.82	56064.01	56083.65234	56067.16822	56054.99219	504372.0	5410005.0
L4370.0	0.0	0.0	53819.39844	328.06	0	48.842999	-86.940414	56053.31	56239.2	10.82	56064.13	56083.96875	56066.35727	56054.31641	504372.0	5410004.7
L4370.0	0.0	0.0	53819.50000	328.25	0	48.842999	-86.940414	56053.92	56239.2	10.81	56064.73	56084.76172	56075.14496	56063.24219	504372.0	5410004.7
L4370.0	0.0	0.0	53819.60156	329.22	0	48.842994	-86.940414	56054.02	56239.2	10.81	56064.83	56085.05078	56074.10492	56062.33984	504371.9	5410004.2
L4370.0	0.0	0.0	53819.69922	330.97	0	48.842991	-86.940414	56053.99	56239.2	10.81	56064.80	56085.20703	56070.50891	56058.88281	504371.9	5410003.8
L4370.0	0.0	0.0	53819.80078	330.01	0	48.842991	-86.940414	56054.15	56239.2	10.81	56064.96	56085.55078	56070.76983	56059.28516	504371.9	5410003.8
L4370.0	0.0	0.0	53819.89844	329.55	0	48.842988	-86.940414	56054.32	56239.2	10.81	56065.13	56085.89844	56071.29352	56059.95313	504371.9	5410003.4
L4370.0	0.0	0.0	53820.00000	330.57	0	48.842985	-86.940414	56054.30	56239.2	10.81	56065.11	56086.05469	56068.00354	56056.80859	504371.9	5410003.2
L4370.0	0.0	0.0	53820.10156	332.08	0	48.842983	-86.940415	56054.25	56239.2	10.81	56065.06	56086.17578	56064.11823	56053.07031	504371.9	5410002.9
L4370.0	0.0	0.0	53820.19922	331.41	0	48.842983	-86.940415	56054.73	56239.2	10.81	56065.54	56086.82422	56071.14846	56060.24609	504371.9	5410002.9
L4370.0	0.0	0.0	53820.30078	331.54	0	48.842980	-86.940415	56054.68	56239.2	10.81	56065.49	56086.94141	56067.33604	56056.58203	504371.9	5410002.5
L4370.0	0.0	0.0	53820.39844	333.62	0	48.842977	-86.940415	56054.88	56239.2	10.81	56065.69	56087.30469	56068.71798	56058.11328	504371.9	5410002.3
L4370.0	0.0	0.0	53820.50000	333.38	0	48.842975	-86.940415	56054.73	56239.2	10.81	56065.54	56087.31250	56062.87335	56052.41797	504371.9	5410002.0
L4370.0	0.0	0.0	53820.60156	334.25	0	48.842975	-86.940415	56054.75	56239.2	10.81	56065.56	56087.48438	56060.57829	56050.27344	504371.9	5410002.0
L4370.0	0.0	0.0	53820.69922	334.82	0	48.842972	-86.940416	56054.61	56239.2	10.81	56065.42	56087.49609	56054.97275	56044.82031	504371.8	5410001.7
L4370.0	0.0	0.0	53820.80078	332.61	0	48.842971	-86.940416	56055.08	56239.2	10.81	56065.89	56088.11328	56062.13158	56052.12891	504371.8	5410001.6

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4370.0	0.0	0.0	53820.80078	332.61	0	48.842971	-86.940416	56055.16	56239.2	10.81	56065.97	56088.33594	56061.18139	56051.33203	504371.8	5410001.6
L4370.0	0.0	0.0	53820.89844	332.54	0	48.842969	-86.940416	56055.21	56239.2	10.81	56066.02	56088.52344	56059.63118	56049.93359	504371.8	5410001.3
L4370.0	0.0	0.0	53821.10156	334.36	0	48.842967	-86.940416	56055.23	56239.2	10.81	56066.04	56088.67969	56057.47972	56047.93359	504371.8	5410001.1
L4370.0	0.0	0.0	53821.19922	333.96	0	48.842967	-86.940416	56055.62	56239.2	10.80	56066.42	56089.19141	56062.87354	56053.47656	504371.8	5410001.1
L4370.0	0.0	0.0	53821.30078	331.62	0	48.842965	-86.940417	56056.07	56239.2	10.79	56066.86	56089.76172	56069.52928	56060.28125	504371.7	5410000.9
L4370.0	0.0	0.0	53821.39844	331.67	0	48.842964	-86.940417	56055.77	56239.2	10.79	56066.56	56089.58594	56060.75891	56051.66406	504371.7	5410000.8
L4370.0	0.0	0.0	53821.50000	331.12	0	48.842963	-86.940417	56055.82	56239.2	10.78	56066.60	56089.74609	56059.10045	56050.15625	504371.7	5410000.6
L4370.0	0.0	0.0	53821.60156	331.72	0	48.842963	-86.940417	56055.48	56239.2	10.78	56066.26	56089.51953	56049.55322	56040.75781	504371.7	5410000.6
L4370.0	0.0	0.0	53821.69922	331.91	0	48.842962	-86.940417	56055.64	56239.2	10.78	56066.42	56089.79297	56050.41928	56041.76953	504371.7	5410000.5
L4370.0	0.0	0.0	53821.80078	330.24	0	48.842962	-86.940417	56056.05	56239.2	10.77	56066.82	56090.30469	56056.26455	56047.76172	504371.7	5410000.5
L4370.0	0.0	0.0	53821.89844	328.59	0	48.842961	-86.940418	56056.02	56239.2	10.76	56066.78	56090.36719	56052.97525	56044.62109	504371.7	5410000.4
L4370.0	0.0	0.0	53822.00000	329.91	0	48.842960	-86.940418	56056.45	56239.2	10.76	56067.21	56090.89844	56059.42536	56051.21875	504371.7	5410000.4
L4370.0	0.0	0.0	53822.10156	330.54	0	48.842959	-86.940418	56056.48	56239.2	10.76	56067.24	56091.02734	56057.57697	56049.51172	504371.7	5410000.3
L4370.0	0.0	0.0	53822.19922	332.53	0	48.842959	-86.940418	56056.65	56239.2	10.76	56067.41	56091.28906	56058.62118	56050.69922	504371.6	5410000.2
L4370.0	0.0	0.0	53822.30078	331.18	0	48.842959	-86.940418	56056.60	56239.2	10.76	56067.35	56091.32031	56054.88579	56047.10547	504371.6	5410000.2
L4370.0	0.0	0.0	53822.39844	329.46	0	48.842957	-86.940419	56056.78	56239.2	10.76	56067.53	56091.58594	56056.11240	56048.47266	504371.6	5410000.1
L4370.0	0.0	0.0	53822.50000	331.25	0	48.842957	-86.940419	56056.70	56239.2	10.76	56067.45	56091.58984	56051.92389	56044.42578	504371.6	5410000.0
L4370.0	0.0	0.0	53822.60156	333.28	0	48.842957	-86.940419	56056.83	56239.2	10.75	56067.58	56091.79688	56052.07626	56044.71484	504371.6	5410000.0
L4370.0	0.0	0.0	53822.69922	332.17	0	48.842955	-86.940419	56057.11	56239.2	10.75	56067.86	56092.15234	56055.33573	56048.10938	504371.6	5409999.8
L4370.0	0.0	0.0	53822.80078	331.42	0	48.842954	-86.940420	56057.56	56239.2	10.75	56068.32	56092.68359	56062.34390	56055.25000	504371.5	5409999.7
L4370.0	0.0	0.0	53822.80078	331.42	0	48.842952	-86.940420	56057.38	56239.2	10.75	56068.14	56092.57422	56055.97212	56049.01172	504371.5	5409999.5
L4370.0	0.0	0.0	53823.00000	332.46	0	48.842952	-86.940420	56057.23	56239.3	10.75	56067.98	56092.47656	56049.97439	56043.14453	504371.5	5409999.5
L4370.0	0.0	0.0	53823.10156	333.05	0	48.842951	-86.940420	56057.41	56239.3	10.75	56068.16	56092.71875	56051.07244	56044.37109	504371.5	5409999.3
L4370.0	0.0	0.0	53823.19922	331.90	0	48.842949	-86.940420	56057.92	56239.3	10.74	56068.66	56093.27734	56058.88347	56052.30859	504371.5	5409999.1
L4370.0	0.0	0.0	53823.30078	330.53	0	48.842947	-86.940420	56058.14	56239.3	10.74	56068.88	56093.55078	56060.80125	56054.35156	504371.5	5409998.9
L4370.0	0.0	0.0	53823.39844	331.96	0	48.842947	-86.940420	56058.17	56239.3	10.73	56068.91	56093.62891	56058.70016	56052.37109	504371.5	5409998.9
L4370.0	0.0	0.0	53823.50000	333.38	0	48.842945	-86.940421	56058.25	56239.3	10.73	56068.98	56093.74609	56057.42119	56051.21484	504371.5	5409998.7
L4370.0	0.0	0.0	53823.60156	334.62	0	48.842942	-86.940421	56058.46	56239.3	10.73	56069.19	56094.00000	56059.06992	56052.98047	504371.5	5409998.4
L4370.0	0.0	0.0	53823.69922	334.11	0	48.842942	-86.940421	56058.45	56239.3	10.72	56069.17	56094.02344	56055.86515	56049.89453	504371.5	5409998.4
L4370.0	0.0	0.0	53823.80078	334.07	0	48.842939	-86.940421	56058.60	56239.3	10.72	56069.32	56094.21094	56056.21614	56050.35547	504371.4	5409998.0
L4370.0	0.0	0.0	53823.89844	334.12	0	48.842937	-86.940421	56058.63	56239.3	10.71	56069.34	56094.26563	56053.83227	56048.08594	504371.4	5409997.8
L4370.0	0.0	0.0	53824.00000	334.33	0	48.842934	-86.940422	56058.80	56239.3	10.71	56069.51	56094.46484	56054.56678	56048.92969	504371.4	5409997.5
L4370.0	0.0	0.0	53824.10156	332.39	0	48.842934	-86.940422	56058.90	56239.3	10.71	56069.61	56094.59375	56053.82683	56048.29688	504371.4	5409997.5
L4370.0	0.0	0.0	53824.19922	332.52	0	48.842932	-86.940422	56059.04	56239.3	10.71	56069.74	56094.75000	56053.69219	56048.26563	504371.4	5409997.2
L4370.0	0.0	0.0	53824.30078	331.98	0	48.842928	-86.940422	56059.20	56239.3	10.70	56069.91	56094.94141	56054.35699	56049.03516	504371.4	5409996.8
L4370.0	0.0	0.0	53824.39844	331.57	0	48.842925	-86.940422	56059.23	56239.3	10.70	56069.93	56094.98047	56051.93673	56046.71484	504371.4	5409996.5
L4370.0	0.0	0.0	53824.50000	332.24	0	48.842925	-86.940422	56059.44	56239.3	10.70	56070.14	56095.20703	56053.36512	56048.24219	504371.4	5409996.5
L4370.0	0.0	0.0	53824.60156	331.56	0	48.842922	-86.940422	56059.36	56239.3	10.70	56070.06	56095.14063	56048.91810	56043.89063	504371.4	5409996.1
L4370.0	0.0	0.0	53824.69922	330.31	0	48.842918	-86.940422	56059.99	56239.3	10.70	56070.68	56095.77344	56058.48397	56053.54688	504371.4	5409995.7
L4370.0	0.0	0.0	53824.80078	329.14	0	48.842918	-86.940422	56060.37	56239.3	10.69	56071.07	56096.17188	56063.33358	56058.48828	504371.4	5409995.7
L4370.0	0.0	0.0	53824.80078	329.14	0	48.842914	-86.940422	56060.50	56239.3	10.69	56071.19	56096.29688	56062.76487	56058.00781	504371.4	5409995.3
L4370.0	0.0	0.0	53825.00000	326.75	0	48.842911	-86.940421	56060.49	56239.3	10.69	56071.18	56096.28906	56059.62110	56054.94922	504371.4	5409994.9
L4370.0	0.0	0.0	53825.10156	326.77	0	48.842908	-86.940421	56060.37	56239.3	10.69	56071.06	56096.17188	56054.33388	56049.74609	504371.4	5409994.6
L4370.0	0.0	0.0	53825.19922	326.45	0	48.842908	-86.940421	56060.52	56239.3	10.69	56071.21	56096.32031	56054.31028	56049.80078	504371.4	5409994.6
L4370.0	0.0	0.0	53825.30078	326.13	0	48.842904	-86.940421	56060.55	56239.3	10.69	56071.23	56096.33594	56051.74027	56047.30859	504371.5	5409994.1
L4370.0	0.0	0.0	53825.39844	328.02	0	48.842900	-86.940421	56060.85	56239.3	10.69	56071.54	56096.64063	56054.73812	56050.38281	504371.5	5409993.6
L4370.0	0.0	0.0	53825.50000	327.79	0	48.842896	-86.940421	56060.95	56239.3	10.69	56071.63	56096.72266	56053.46320	56049.18359	504371.5	5409993.2
L4370.0	0.0	0.0	53825.60156	327.86	0	48.842893	-86.940421	56061.41	56239.3	10.68	56072.09	56097.17188	56059.22774	56055.01563	504371.5	5409992.9
L4370.0	0.0	0.0	53825.69922	328.08	0	48.842893	-86.940421	56061.40	56239.3	10.68	56072.08	56097.15234	56055.98417	56051.83984	504371.5	5409992.9
L4370.0	0.0	0.0	53825.80078	328.78	0	48.842889	-86.940421	56061.71	56239.3	10.68	56072.40	56097.45703	56058.98717	56054.91016	504371.5	5409992.4
L4370.0	0.0	0.0	53825.89844	327.16	0	48.842884	-86.940421	56062.04	56239.3	10.68	56072.72	56097.76172	56061.94271	56057.92969	504371.4	5409991.8
L4370.0	0.0	0.0	53826.00000	326.68	0	48.842884	-86.940421	56062.26	56239.3	10.68	56072.94	56097.96484	56062.97281	56059.01953	504371.4	5409991.8
L4370.0	0.0	0.0	53826.10156	327.72	0	48.842878	-86.940421	56062.37	56239.3	10.68	56073.04	56098.04688	56061.72770	56057.83594	504371.4	5409991.3
L4370.0	0.0	0.0	53826.19922	328.99	0	48.842878	-86.940421	56062.70	56239.3	10.67	56073.37	56098.35547	56064.76177	56060.92188	504371.4	5409991.3
L4370.0	0.0	0.0	53826.30078	329.37	0	48.842875	-86.940422	56063.05	56239.3	10.67	56073.72	56098.68359	56068.11926	56064.33203	504371.4	5409990.8
L4370.0	0.0	0.0	53826.39844	329.83	0	48.842870	-86.940423	56062.97	56239.3	10.66	56073.64	56098.57813	56063.40914	56059.67578	504371.3	5409990.3
L4370.0	0.0	0.0	53826.50000	328.42	0	48.842867	-86.940423	56063.71	56239.3	10.66	56074.37	56099.28516	56077.67584	56073.99219	504371.3	5409989.9
L4370.0	0.0	0.0	53826.60156	328.45	0	48.842867	-86.940423	56064.04	56239.3	10.66	56074.70	56099.58594	56081.30187	56077.66406	504371.3	5409989.9
L4370.0	0.0	0.0	53826.69922	328.61	0	48.842861	-86.940424	56064.34	56239.3	10.65	56074.99	56099.84766	56083.80068	56080.20703	504371.2	5409989.4
L4370.0	0.0	0.0	53826.80078	328.26	0	48.842858	-86.940425	56064.34	56239.4	10.65	56074.99	56099.82031	56078.83453	56075.28125	504371.2	5409989.0
L4370.0	0.0	0.0	53826.80078	328.26	0	48.842855	-86.940425	56063.96	56239.4	10.65	56074.61	56099.41016	56064.39620	56060.88281	504371.2	5409988.7
L4370.0	0.0	0.0	53827.00000	326.53	0	48.842850	-86.940426	56064.72	56239.4	10.64	56075.36	56100.12891	56078.35923	56074.88672	504371.1	5409988.1
L4370.0	0.0	0.0	53827.10156	325.76	0	48.842850	-86.940426	56064.77	56239.4	10.64	56075.41	56100.14453	56074.79524	56071.35547	504371.1	5409988.1
L4370.0	0.0	0.0	53827.19922	325.79	0	48.842845	-86.940426	56064.87	56239.4	10.64	56075.51	56100.21094	56072.52605	56069.12109	504371.1	5409987.5
L4370.0	0.0	0.0	53827.30078	325.40	0	48.842841	-86.940427	56064.72	56239.4	10.64	56075.37	56100.03906	56064.61875	56061.24219	504371.0	5409987.1
L4370.0	0.0	0.0	53827.39844	324.57	0	48.842841	-86.940427	56065.20	56239.4	10.64	56075.84	56100.47266	56071.20885	56067.85938	504371.0	5409987.1
L4370.0	0.0	0.0	53827.50000	322.64	0	48.842835	-86.940427	56065.35	56239.4	10.64	56076.00	56100.59766	56070.45871	56067.13672	504371.0	5409986.5
L4370.0	0.0	0.0	53827.60156	322.30	0	48.842835	-86.940427	56065.73	56239.4	10.65	56076.38	56100.94141	56074.70255	56071.40625	504371.0	5409986.5
L4370.0	0.0	0.0	53827.69922	321.58	0	48.842830	-86.940427	56066.12	56239.4	10.65	56076.76	56101.28125	56078.80597	56075.53125	504371.0	5409985.9
L4370.0	0.0	0.0	53827.80078	321.11	0	48.842826	-86.940428	56066.21	56239.4	10.65	56076.86	56101.34375	56076.64715	56073.39063	504371.0	5409985.5
L4370.0	0.0	0.0	53827.89844	319.89	0	48.842823	-86.940428	56066.59	56239.4	10.65	56077.24	56101.68750	56080.59005	56077.35156	504370.9	5409985.1
L4370.0	0.0	0.0	53828.00000	319.77	0	48.842819	-86.940428	56066.62	56239.3	10.65	56077.27	56101.67578	56076.98046	56073.75781	504370.9	5409984.7
L4370.0	0.0	0.0	53828.10156	319.86	0	48.842819	-86.940428	56066.95	56239.4	10.65	56077.59	56101.95703	56079.55005	56076.34375	504370.9	5409984.7
L4370.0	0.0	0.0	53828.19922	319.00	0	48.842814	-86.940429	56067.07	56239.4	10.64	56077.71	56102.03906	56077.91598	56074.71875	504370.9	5409984.1
L4370.0	0.0	0.0	53828.30078	318.48	0	48.842809	-86.940429	56067.28	56239.4	10.64	56077.92	56102.20703	56078.16383	56074.97656	504370.8	5409983.6
L4370.0	0.0	0.0	53828.39844	318.87	0	48.842805	-86.940430	56067.17	56239.4	10.64	56077.81	56102.05859	56071.93106	56068.75000	504370.8	5409983.1
L4370.0	0.0	0.0	53828.50000	320.31	0	48.842805	-86.940430	56067.31	56239.4	10.64	56077.94	56102.14844	56070.63035	56067.45703	504370.8	5409983.1
L4370.0	0.0	0.0	53828.60156	320.33	0	48.842801	-86.940430	56067.93	56239.4	10.63	56078.56	56102.72656	56079.08973	56075.92188	504370.8	5409982.6
L4370.0	0.0	0.0	53828.69922	318.22	0	48.842796	-86.940431	56068.11	56239.4	10.63	56078.74	56102.86719	56078.73616	56075.56641	504370.7	5409982.1
L4370.0	0.0	0.0	53828.80078	317.74	0	48.842796	-86.940431	56068.44	56239.4	10.63	56079.06	56103.14844	56081.13394	56077.96484	504370.7	5409982.1
L4370.0	0.0	0.0	53828.80078	317.74	0	48.842791	-86.940432	56068.59	56239.4	10.63	56079.22	56103.26563	56080.38956	56077.21875	504370.7	5409981.6
L4370.0	0.0	0.0	53829.00000	319.83	0	48.842786	-86.940432	56068.64	56239.4	10.62	56079.26	56103.26563	56077.33515	56074.16016	504370.7	5409981.0
L4370.0	0.0	0.0	53829.10156	319.40	0	48.842786	-86.940432	56068.69	56239.4	10.62	56079.31	56103.27734	56074.51164	56071.33203	504370.7	5409981.0
L4370.0	0.0	0.0	53829.19922	319.63	0	48.842782	-86.940432	56069.05	56239.4	10.62	56079.66	56103.58594	56077.46700	56074.27734	504370.6	5409980.5
L4370.0	0.0	0.0	53829.30078	319.62	0	48.842778	-86.940433	56069.22	56239.4	10.61	56079.84	56103.72656	56077.15834	56073.96094	504370.6	5409980.1
L4370.0	0.0	0.0	53829.39844	321.05	0	48.842778	-86.940433	56069.50	56239.4	10.61	56080.11	56103.95703	56078.56210	56075.35156	504370.6	5409980.1
L4370.0	0.0	0.0	53829.50000	320.53	0	48.842773	-86.940433	56069.58	56239.4	10.61	56080.19	56103.99609	56076.38276	56073.16016	504370.6	5409979.6
L4370.0	0.0	0.0	53829.60156	318.74	0	48.842768	-86.940433	56069.72	56239.4	10.61	56080.33	56104.09766	56075.36081	56072.12500	504370.6	5409979.0
L4370.0	0.0	0.0	53829.69922	318.70	0	48.842768	-86.940433	56070.04	56239.4	10.61	56080.64	56104.37109	56077.51368	56074.26172	504370.6	5409979.0
L4370.0	0.0	0.0	53829.80078	317.85	0	48.842763	-86.940433	56070.23	56239.4	10.60	56080.83	56104.52344	56077.43699	56074.16406	504370.6	5409978.4
L4370.0	0.0	0.0	53829.89844	317.01	0	48.842763	-86.940433	56070.46	56239.4	10.60	56081.07	56104.72656	56078.28262	56074.99219	504370.6	5409978.4
L4370.0	0.0	0.0	53830.00000	315.32	0	48.842753	-86.940433	56070.54	56239.4	10.60	56081.14	56104.75781	56076.05875	56072.74609	504370.6	5409977.4
L4370.0	0.0	0.0	53830.10156	316.35	0	48.842753	-86.940433	56070.74	56239.4	10.60	56081.34	56104.92188	56075.66328	56072.32813	504370.6	5409977.4

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4370.0	0.0	0.0	53830.19922	316.25	0	48.842750	-86.940433	56070.77	56239.4	10.60	56081.37	56104.91797	56071.18883	56067.82813	504370.6	5409977.0
L4370.0	0.0	0.0	53830.30078	317.77	0	48.842750	-86.940433	56071.14	56239.4	10.59	56081.74	56105.25391	56075.75963	56072.37109	504370.6	5409977.0
L4370.0	0.0	0.0	53830.39844	316.85	0	48.842745	-86.940433	56071.55	56239.4	10.59	56082.14	56105.61719	56080.98663	56077.57422	504370.6	5409976.5
L4370.0	0.0	0.0	53830.50000	316.52	0	48.842740	-86.940433	56071.73	56239.4	10.59	56082.32	56105.76563	56080.44013	56076.99609	504370.6	5409975.9
L4370.0	0.0	0.0	53830.60156	317.34	0	48.842734	-86.940434	56071.60	56239.4	10.59	56082.19	56105.60156	56072.08871	56068.61719	504370.5	5409975.3
L4370.0	0.0	0.0	53830.69922	316.63	0	48.842734	-86.940434	56071.72	56239.4	10.59	56082.31	56105.69141	56070.18997	56066.68359	504370.5	5409975.3
L4370.0	0.0	0.0	53830.80078	315.53	0	48.842729	-86.940434	56072.28	56239.4	10.58	56082.87	56106.21875	56079.12290	56075.58203	504370.5	5409974.7
L4370.0	0.0	0.0	53830.80078	315.53	0	48.842725	-86.940434	56072.46	56239.4	10.58	56083.05	56106.37109	56078.63276	56075.05859	504370.5	5409974.3
L4370.0	0.0	0.0	53831.00000	314.28	0	48.842720	-86.940434	56072.61	56239.4	10.58	56083.19	56106.48047	56077.21511	56073.60547	504370.5	5409973.7
L4370.0	0.0	0.0	53831.10156	313.86	0	48.842720	-86.940434	56072.77	56239.4	10.58	56083.35	56106.61328	56076.31927	56072.67188	504370.5	5409973.7
L4370.0	0.0	0.0	53831.19922	312.85	0	48.842716	-86.940434	56073.17	56239.4	10.58	56083.75	56106.98438	56080.97658	56077.28906	504370.5	5409973.2
L4370.0	0.0	0.0	53831.30078	314.05	0	48.842710	-86.940434	56073.20	56239.4	10.58	56083.78	56106.98828	56077.14137	56073.41406	504370.5	5409972.6
L4370.0	0.0	0.0	53831.39844	313.96	0	48.842710	-86.940434	56073.70	56239.4	10.58	56084.28	56107.46484	56083.87737	56080.10938	504370.5	5409972.6
L4370.0	0.0	0.0	53831.50000	312.57	0	48.842706	-86.940434	56074.06	56239.4	10.58	56084.63	56107.78906	56087.12474	56083.31250	504370.5	5409972.1
L4370.0	0.0	0.0	53831.60156	312.97	0	48.842702	-86.940434	56074.34	56239.4	10.57	56084.91	56108.04688	56088.77276	56084.91797	504370.5	5409971.6
L4370.0	0.0	0.0	53831.69922	312.91	0	48.842698	-86.940434	56074.79	56239.4	10.57	56085.36	56108.47656	56093.93362	56090.03125	504370.5	5409971.2
L4370.0	0.0	0.0	53831.80078	313.01	0	48.842698	-86.940434	56074.99	56239.4	10.57	56085.56	56108.65234	56093.77291	56089.82422	504370.5	5409971.2
L4370.0	0.0	0.0	53831.89844	313.28	0	48.842693	-86.940434	56075.29	56239.4	10.57	56085.86	56108.93359	56095.63956	56091.64063	504370.5	5409970.6
L4370.0	0.0	0.0	53832.00000	312.32	0	48.842689	-86.940435	56075.27	56239.4	10.57	56085.84	56108.89453	56091.14894	56087.10547	504370.5	5409970.2
L4370.0	0.0	0.0	53832.10156	311.42	0	48.842683	-86.940435	56075.37	56239.4	10.57	56085.94	56108.97656	56089.17800	56085.08203	504370.5	5409969.6
L4370.0	0.0	0.0	53832.19922	311.31	0	48.842683	-86.940435	56075.64	56239.4	10.57	56086.21	56109.23047	56090.50510	56086.35938	504370.5	5409969.6
L4370.0	0.0	0.0	53832.30078	311.11	0	48.842679	-86.940435	56076.23	56239.4	10.56	56086.79	56109.79297	56097.45362	56093.25391	504370.5	5409969.1
L4370.0	0.0	0.0	53832.39844	310.90	0	48.842673	-86.940435	56076.38	56239.4	10.56	56086.95	56109.93750	56096.58557	56092.33203	504370.4	5409968.5
L4370.0	0.0	0.0	53832.50000	310.90	0	48.842673	-86.940435	56076.38	56239.4	10.56	56086.94	56109.91406	56092.82789	56088.51953	504370.4	5409968.5
L4370.0	0.0	0.0	53832.60156	308.81	0	48.842668	-86.940435	56076.45	56239.4	10.56	56087.01	56109.97266	56090.63768	56086.27344	504370.4	5409967.9
L4370.0	0.0	0.0	53832.69922	309.11	0	48.842663	-86.940436	56076.53	56239.4	10.56	56087.09	56110.04297	56088.75382	56084.33203	504370.4	5409967.3
L4370.0	0.0	0.0	53832.80078	308.61	0	48.842663	-86.940436	56076.59	56239.4	10.55	56087.14	56110.08203	56086.52368	56082.04297	504370.4	5409967.3
L4370.0	0.0	0.0	53832.80078	308.61	0	48.842658	-86.940436	56076.48	56239.4	10.55	56087.03	56109.96094	56081.97883	56077.44141	504370.4	5409966.8
L4370.0	0.0	0.0	53833.00000	308.19	0	48.842654	-86.940436	56076.68	56239.4	10.55	56087.23	56110.15625	56082.37299	56077.77344	504370.4	5409966.3
L4370.0	0.0	0.0	53833.10156	307.69	0	48.842648	-86.940436	56076.71	56239.5	10.55	56087.26	56110.17969	56080.30438	56075.64453	504370.4	5409965.7
L4370.0	0.0	0.0	53833.19922	307.10	0	48.842648	-86.940436	56077.02	56239.5	10.55	56087.56	56110.47266	56082.19478	56077.47266	504370.4	5409965.7
L4370.0	0.0	0.0	53833.30078	307.39	0	48.842642	-86.940436	56077.39	56239.5	10.55	56087.94	56110.84766	56087.31904	56082.53516	504370.3	5409965.0
L4370.0	0.0	0.0	53833.39844	306.13	0	48.842638	-86.940437	56077.72	56239.5	10.55	56088.27	56111.17188	56091.97761	56087.12891	504370.3	5409964.5
L4370.0	0.0	0.0	53833.50000	304.93	0	48.842638	-86.940437	56078.03	56239.5	10.55	56088.57	56111.47266	56095.21229	56090.30078	504370.3	5409964.5
L4370.0	0.0	0.0	53833.60156	303.67	0	48.842633	-86.940437	56077.92	56239.5	10.54	56088.46	56111.35938	56086.74118	56081.76172	504370.3	5409963.9
L4370.0	0.0	0.0	53833.69922	302.63	0	48.842628	-86.940437	56078.31	56239.5	10.54	56088.85	56111.75000	56091.79788	56086.75000	504370.3	5409963.4
L4370.0	0.0	0.0	53833.80078	302.81	0	48.842628	-86.940437	56078.45	56239.5	10.54	56088.99	56111.89063	56089.88726	56084.77344	504370.3	5409963.4
L4370.0	0.0	0.0	53833.89844	303.27	0	48.842622	-86.940437	56078.64	56239.5	10.54	56089.18	56112.08203	56089.16843	56083.98438	504370.3	5409962.8
L4370.0	0.0	0.0	53834.00000	305.03	0	48.842617	-86.940437	56078.76	56239.5	10.54	56089.30	56112.20313	56086.65672	56081.40625	504370.3	5409962.3
L4370.0	0.0	0.0	53834.10156	305.14	0	48.842617	-86.940437	56078.86	56239.5	10.54	56089.40	56112.30859	56083.74003	56078.41797	504370.3	5409962.3
L4370.0	0.0	0.0	53834.19922	305.18	0	48.842611	-86.940438	56079.36	56239.5	10.54	56089.90	56112.81250	56090.29927	56084.90625	504370.3	5409961.6
L4370.0	0.0	0.0	53834.30078	304.47	0	48.842607	-86.940438	56079.72	56239.5	10.54	56090.26	56113.17578	56093.41422	56087.94531	504370.2	5409961.1
L4370.0	0.0	0.0	53834.39844	304.31	0	48.842607	-86.940438	56079.72	56239.5	10.54	56090.26	56113.18359	56088.49715	56082.95703	504370.2	5409961.1
L4370.0	0.0	0.0	53834.50000	303.97	0	48.842601	-86.940438	56079.97	56239.5	10.54	56090.51	56113.44141	56089.37550	56083.76172	504370.2	5409960.4
L4370.0	0.0	0.0	53834.60156	304.09	0	48.842596	-86.940439	56080.40	56239.5	10.54	56090.94	56113.87891	56094.17771	56088.49219	504370.2	5409959.9
L4370.0	0.0	0.0	53834.69922	304.81	0	48.842596	-86.940439	56080.58	56239.5	10.54	56091.12	56114.06641	56093.78741	56088.02344	504370.2	5409959.9
L4370.0	0.0	0.0	53834.80078	305.25	0	48.842591	-86.940439	56080.71	56239.5	10.54	56091.25	56114.20703	56092.60691	56086.76563	504370.2	5409959.3
L4370.0	0.0	0.0	53834.80078	305.25	0	48.842587	-86.940439	56081.11	56239.5	10.54	56091.65	56114.61719	56096.89845	56090.98047	504370.1	5409958.9
L4370.0	0.0	0.0	53835.00000	304.41	0	48.842587	-86.940439	56081.02	56239.5	10.54	56091.56	56114.53516	56091.89857	56085.90625	504370.1	5409958.9
L4370.0	0.0	0.0	53835.10156	302.22	0	48.842584	-86.940439	56081.06	56239.5	10.54	56091.60	56114.58984	56089.71644	56083.64453	504370.1	5409958.5
L4370.0	0.0	0.0	53835.19922	303.78	0	48.842579	-86.940440	56081.23	56239.5	10.53	56091.77	56114.76953	56090.06882	56083.91797	504370.1	5409958.0
L4370.0	0.0	0.0	53835.30078	303.55	0	48.842574	-86.940440	56081.75	56239.5	10.53	56092.27	56115.28516	56095.97916	56089.74609	504370.1	5409957.4
L4370.0	0.0	0.0	53835.39844	303.32	0	48.842570	-86.940440	56081.77	56239.5	10.52	56092.29	56115.31641	56093.76550	56087.45313	504370.1	5409957.0
L4370.0	0.0	0.0	53835.50000	303.16	0	48.842570	-86.940440	56081.92	56239.5	10.52	56092.44	56115.48047	56093.72206	56087.32813	504370.1	5409957.0
L4370.0	0.0	0.0	53835.60156	302.86	0	48.842566	-86.940440	56082.08	56239.5	10.52	56092.59	56115.64844	56093.65545	56087.17969	504370.1	5409956.5
L4370.0	0.0	0.0	53835.69922	302.05	0	48.842566	-86.940440	56082.20	56239.5	10.51	56092.71	56115.78125	56093.14630	56086.58984	504370.1	5409956.5
L4370.0	0.0	0.0	53835.80078	300.76	0	48.842560	-86.940440	56082.27	56239.5	10.51	56092.78	56115.86719	56092.01690	56085.37500	504370.1	5409955.9
L4370.0	0.0	0.0	53835.89844	300.99	0	48.842556	-86.940440	56082.40	56239.5	10.50	56092.90	56116.00391	56091.57619	56084.85156	504370.1	5409955.4
L4370.0	0.0	0.0	53836.00000	301.21	0	48.842552	-86.940440	56082.50	56239.5	10.50	56093.00	56116.12109	56090.95263	56084.14453	504370.1	5409955.0
L4370.0	0.0	0.0	53836.10156	299.42	0	48.842549	-86.940439	56082.71	56239.5	10.50	56093.21	56116.34766	56091.50241	56084.60938	504370.1	5409954.6
L4370.0	0.0	0.0	53836.19922	298.46	0	48.842549	-86.940439	56083.00	56239.5	10.50	56093.50	56116.65625	56092.67679	56085.69922	504370.1	5409954.6
L4370.0	0.0	0.0	53836.30078	296.95	0	48.842544	-86.940439	56083.36	56239.5	10.51	56093.87	56117.04297	56094.27576	56087.21094	504370.2	5409954.1
L4370.0	0.0	0.0	53836.39844	297.98	0	48.842540	-86.940439	56083.54	56239.5	10.51	56094.05	56117.23828	56094.20735	56087.05469	504370.2	5409953.7
L4370.0	0.0	0.0	53836.50000	298.53	0	48.842536	-86.940438	56083.90	56239.5	10.51	56094.41	56117.61719	56097.66900	56090.42969	504370.2	5409953.2
L4370.0	0.0	0.0	53836.60156	299.55	0	48.842536	-86.940438	56083.86	56239.5	10.51	56094.37	56117.59766	56093.27825	56085.95313	504370.2	5409953.2
L4370.0	0.0	0.0	53836.69922	298.41	0	48.842532	-86.940438	56083.95	56239.5	10.51	56094.46	56117.70313	56094.01945	56086.60547	504370.2	5409952.7
L4370.0	0.0	0.0	53836.80078	298.70	0	48.842527	-86.940438	56084.34	56239.5	10.52	56094.86	56118.12109	56094.72842	56087.22656	504370.3	5409952.2
L4370.0	0.0	0.0	53836.80078	298.70	0	48.842527	-86.940438	56084.84	56239.5	10.52	56095.35	56118.62891	56095.56431	56087.97266	504370.3	5409952.2
L4370.0	0.0	0.0	53837.00000	298.88	0	48.842520	-86.940437	56085.18	56239.5	10.52	56095.70	56119.00000	56095.81725	56088.14063	504370.3	5409951.4
L4370.0	0.0	0.0	53837.10156	297.67	0	48.842520	-86.940437	56085.34	56239.5	10.52	56095.85	56119.16797	56095.80707	56088.03906	504370.3	5409951.4
L4370.0	0.0	0.0	53837.19922	296.41	0	48.842515	-86.940437	56085.46	56239.5	10.52	56095.97	56119.30469	56095.84632	56087.98828	504370.3	5409950.9
L4370.0	0.0	0.0	53837.30078	296.19	0	48.842510	-86.940438	56085.26	56239.5	10.51	56095.77	56119.12500	56095.75090	56087.80469	504370.3	5409950.4
L4370.0	0.0	0.0	53837.39844	295.79	0	48.842505	-86.940438	56085.32	56239.5	10.51	56095.83	56119.20313	56095.84749	56087.80859	504370.3	5409949.8
L4370.0	0.0	0.0	53837.50000	297.15	0	48.842501	-86.940438	56085.68	56239.5	10.51	56096.19	56119.57813	56095.99294	56087.86328	504370.2	5409949.4
L4370.0	0.0	0.0	53837.60156	296.05	0	48.842501	-86.940438	56085.76	56239.5	10.51	56096.27	56119.67578	56096.13131	56087.91406	504370.2	5409949.4
L4370.0	0.0	0.0	53837.69922	296.82	0	48.842495	-86.940438	56085.88	56239.5	10.51	56096.38	56119.80469	56096.28557	56087.97656	504370.2	5409948.6
L4370.0	0.0	0.0	53837.80078	295.21	0	48.842489	-86.940439	56086.14	56239.5	10.50	56096.65	56120.08984	56096.38604	56087.98438	504370.2	5409948.0
L4370.0	0.0	0.0	53837.89844	295.19	0	48.842489	-86.940439	56086.32	56239.5	10.50	56096.83	56120.28906	56096.50971	56088.01953	504370.2	5409948.0
L4370.0	0.0	0.0	53838.00000	294.38	0	48.842483	-86.940439	56086.42	56239.5	10.50	56096.92	56120.39453	56096.68591	56088.10547	504370.2	5409947.3
L4370.0	0.0	0.0	53838.10156	294.82	0	48.842478	-86.940439	56086.63	56239.5	10.50	56097.13	56120.62109	56096.84171	56088.16797	504370.2	5409946.8
L4370.0	0.0	0.0	53838.19922	293.71	0	48.842478	-86.940439	56086.77	56239.5	10.50	56097.27	56120.77734	56096.95768	56088.19141	504370.2	5409946.8
L4370.0	0.0	0.0	53838.30078	293.84	0	48.842473	-86.940439	56087.01	56239.5	10.49	56097.50	56121.01953	56097.13215	56088.27734	504370.1	5409946.2
L4370.0	0.0	0.0	53838.39844	293.84	0	48.842468	-86.940440	56086.90	56239.5	10.49	56097.39	56120.92578	56097.07962	56088.13281	504370.1	5409945.6
L4370.0	0.0	0.0	53838.50000	295.10	0	48.842463	-86.940440	56086.75	56239.5	10.49	56097.24	56120.78906	56097.01302	56087.97266	504370.1	5409945.1
L4370.0	0.0	0.0	53838.60156	294.35	0	48.842463	-86.940440	56086.75	56239.5	10.49	56097.24	56120.80078	56097.04948	56087.92188	504370.1	5409945.1
L4370.0	0.0	0.0	53838.69922	296.03	0	48.842457	-86.940440	56087.23	56239.5	10.49	56097.71	56121.28516	56097.35465	56088.13281	504370.1	5409944.4
L4370.0	0.0	0.0	53838.80078	296.38	0	48.842452	-86.940440	56087.56	56239.5	10.48	56098.05	56121.63672	56097.56765	56088.25391	504370.1	5409943.9
L4370.0	0.0	0.0	53838.80078	296.38	0	48.842452	-86.940440	56087.66	56239.5	10.48	56098.14	56121.73828	56097.64216	56088.23828	504370.1	5409943.9
L4370.0	0.0	0.0	53839.00000	295.28	0	48.842446	-86.940441	56087.86	56239.5	10.48	56098.34	56121.94922	56097.76691	56088.27344	504370.0	5409943.2
L4370.0	0.0	0.0	53839.10156	294.71	0	48.842441	-86.940441	56087.98	56239.5	10.48	56098.46	56122.07813	56097.85133	56088.26563	504370.0	5409942.7
L4370.0	0.0	0.0	53839.19922	293.47	0	48.842437	-86.940441	56088.32	56239.5	10.48	56098.80	56122.42578	56098.01521	56088.33984	504370.0	5409942.2
L4370.0	0.0	0.0	53839.30078	293.49	0	48.842433	-86.940441	56088.52	56239.5	10.48	56099.00	56122.63281	56098.11336	56088.34766	504370.0	5409941.7
L4370.0	0.0	0.0	53839.39844	292.36	0	48.842433	-86.940441	56088.63	56239.5	10.48	56099.10	56122.74219	56098.17427	56088.32031	504370.0	5409941.7

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4370.0	0.0	0.0	53839.50000	292.36	0	48.842428	-86.940441	56088.70	56239.5	10.48	56099.17	56122.81641	56098.22768	56088.28516	504370.0	5409941.2
L4370.0	0.0	0.0	53839.60156	289.04	0	48.842428	-86.940441	56088.83	56239.5	10.47	56099.30	56122.95313	56098.29545	56088.26172	504370.0	5409941.2
L4370.0	0.0	0.0	53839.69922	289.04	0	48.842422	-86.940442	56088.65	56239.5	10.47	56099.12	56122.77734	56098.31287	56088.19141	504370.0	5409940.5
L4370.0	0.0	0.0	53839.80078	289.04	0	48.842417	-86.940442	56088.52	56239.5	10.47	56099.00	56122.66016	56098.36157	56088.15234	504369.9	5409939.9
L4370.0	0.0	0.0	53839.80078	289.04	0	48.842417	-86.940442	56088.88	56239.5	10.47	56099.35	56123.01172	56098.46095	56088.16016	504369.9	5409939.9
L4370.0	0.0	0.0	53840.00000	288.61	0	48.842411	-86.940442	56089.18	56239.5	10.47	56099.65	56123.31250	56098.53851	56088.15234	504369.9	5409939.4
L4370.0	0.0	0.0	53840.00000	287.91	0	48.842407	-86.940443	56089.51	56239.5	10.47	56099.98	56123.64453	56098.60052	56088.12891	504369.9	5409938.9
L4370.0	0.0	0.0	53840.19922	288.29	0	48.842407	-86.940443	56089.56	56239.5	10.47	56100.03	56123.69141	56098.66331	56088.10156	504369.9	5409938.9
L4370.0	0.0	0.0	53840.30078	288.29	0	48.842401	-86.940443	56089.62	56239.5	10.47	56100.09	56123.75000	56098.73244	56088.08594	504369.9	5409938.2
L4370.0	0.0	0.0	53840.39844	289.51	0	48.842396	-86.940444	56089.71	56239.5	10.47	56100.19	56123.84766	56098.80311	56088.07031	504369.8	5409937.7
L4370.0	0.0	0.0	53840.50000	289.16	0	48.842396	-86.940444	56089.71	56239.5	10.48	56100.18	56123.83203	56098.89419	56088.07813	504369.8	5409937.7
L4370.0	0.0	0.0	53840.60156	289.09	0	48.842392	-86.940444	56089.94	56239.5	10.48	56100.42	56124.06641	56098.94868	56088.04688	504369.8	5409937.2
L4370.0	0.0	0.0	53840.69922	288.89	0	48.842387	-86.940444	56089.84	56239.5	10.48	56100.31	56123.94922	56099.07018	56088.08594	504369.8	5409936.6
L4370.0	0.0	0.0	53840.80078	288.98	0	48.842382	-86.940445	56090.09	56239.5	10.48	56100.57	56124.20313	56099.11938	56088.05078	504369.8	5409936.1
L4370.0	0.0	0.0	53840.80078	288.98	0	48.842379	-86.940445	56090.26	56239.5	10.48	56100.74	56124.36328	56099.18482	56088.03125	504369.7	5409935.8
L4370.0	0.0	0.0	53841.00000	289.89	0	48.842379	-86.940445	56090.63	56239.5	10.48	56101.11	56124.72266	56099.19584	56087.96094	504369.7	5409935.8
L4370.0	0.0	0.0	53841.10156	290.47	0	48.842373	-86.940446	56090.46	56239.5	10.48	56100.94	56124.54297	56099.34527	56088.03125	504369.7	5409935.1
L4370.0	0.0	0.0	53841.19922	289.45	0	48.842369	-86.940446	56090.42	56239.5	10.48	56100.89	56124.48047	56099.46665	56088.07031	504369.6	5409934.6
L4370.0	0.0	0.0	53841.30078	287.76	0	48.842369	-86.940446	56090.67	56239.5	10.47	56101.15	56124.72656	56099.49391	56088.01953	504369.6	5409934.6
L4370.0	0.0	0.0	53841.39844	285.95	0	48.842364	-86.940447	56090.83	56239.5	10.47	56101.30	56124.85938	56099.54694	56087.99219	504369.6	5409934.1
L4370.0	0.0	0.0	53841.50000	286.53	0	48.842360	-86.940447	56091.00	56239.5	10.47	56101.47	56125.01172	56099.77036	56088.13672	504369.6	5409933.6
L4370.0	0.0	0.0	53841.60156	287.40	0	48.842360	-86.940447	56091.18	56239.5	10.47	56101.65	56125.17578	56099.85950	56088.14844	504369.6	5409933.6
L4370.0	0.0	0.0	53841.69922	287.23	0	48.842356	-86.940448	56091.13	56239.5	10.47	56101.60	56125.10547	56099.85105	56088.06250	504369.5	5409933.2
L4370.0	0.0	0.0	53841.80078	287.48	0	48.842349	-86.940449	56091.10	56239.5	10.46	56101.57	56125.05469	56099.84968	56087.98438	504369.5	5409932.5
L4370.0	0.0	0.0	53841.89844	287.23	0	48.842344	-86.940449	56091.18	56239.5	10.46	56101.64	56125.10547	56099.88463	56087.94531	504369.4	5409931.9
L4370.0	0.0	0.0	53842.00000	287.37	0	48.842344	-86.940449	56091.48	56239.5	10.46	56101.94	56125.38281	56099.99828	56087.98438	504369.4	5409931.9
L4370.0	0.0	0.0	53842.10156	286.81	0	48.842340	-86.940450	56091.71	56239.5	10.46	56102.17	56125.58594	56100.07872	56087.98828	504369.4	5409931.4
L4370.0	0.0	0.0	53842.19922	286.93	0	48.842335	-86.940450	56091.56	56239.5	10.47	56102.03	56125.42188	56100.03245	56087.87109	504369.4	5409930.9
L4370.0	0.0	0.0	53842.30078	286.18	0	48.842335	-86.940450	56091.68	56239.5	10.47	56102.15	56125.51563	56100.07129	56087.83594	504369.4	5409930.9
L4370.0	0.0	0.0	53842.39844	284.95	0	48.842332	-86.940450	56091.73	56239.5	10.47	56102.21	56125.54688	56100.08981	56087.78516	504369.3	5409930.5
L4370.0	0.0	0.0	53842.50000	285.95	0	48.842328	-86.940451	56091.86	56239.5	10.47	56102.34	56125.64844	56100.12662	56087.75000	504369.3	5409930.1
L4370.0	0.0	0.0	53842.60156	286.07	0	48.842328	-86.940451	56092.14	56239.5	10.48	56102.62	56125.89844	56100.19914	56087.75391	504369.3	5409930.1
L4370.0	0.0	0.0	53842.69922	282.74	0	48.842323	-86.940451	56092.04	56239.5	10.48	56102.52	56125.76563	56100.17163	56087.65625	504369.3	5409929.5
L4370.0	0.0	0.0	53842.80078	282.76	0	48.842318	-86.940451	56092.20	56239.5	10.48	56102.68	56125.89453	56100.20640	56087.62500	504369.3	5409929.0
L4370.0	0.0	0.0	53842.80078	282.76	0	48.842314	-86.940451	56092.14	56239.5	10.48	56102.63	56125.80859	56100.19223	56087.54297	504369.3	5409928.5
L4370.0	0.0	0.0	53843.00000	283.11	0	48.842309	-86.940451	56092.39	56239.5	10.49	56102.88	56126.02344	56100.23597	56087.51953	504369.3	5409928.0
L4370.0	0.0	0.0	53843.10156	282.43	0	48.842309	-86.940451	56092.36	56239.5	10.49	56102.85	56125.95703	56100.22216	56087.44141	504369.3	5409928.0
L4370.0	0.0	0.0	53843.19922	281.74	0	48.842305	-86.940451	56092.37	56239.5	10.49	56102.85	56125.92188	56100.21388	56087.36719	504369.3	5409927.5
L4370.0	0.0	0.0	53843.30078	281.20	0	48.842300	-86.940451	56092.55	56239.5	10.49	56103.03	56126.06250	56100.22958	56087.32031	504369.3	5409926.9
L4370.0	0.0	0.0	53843.39844	281.38	0	48.842295	-86.940451	56092.48	56239.5	10.49	56102.97	56125.96094	56100.21135	56087.23828	504369.3	5409926.5
L4370.0	0.0	0.0	53843.50000	283.64	0	48.842295	-86.940451	56092.77	56239.5	10.49	56103.26	56126.21094	56100.22912	56087.19531	504369.3	5409926.5
L4370.0	0.0	0.0	53843.60156	284.51	0	48.842290	-86.940451	56092.41	56239.5	10.48	56102.90	56125.80859	56100.18783	56087.09375	504369.3	5409925.8
L4370.0	0.0	0.0	53843.69922	283.44	0	48.842285	-86.940451	56092.85	56239.5	10.48	56103.33	56126.19531	56100.20549	56087.05078	504369.3	5409925.3
L4370.0	0.0	0.0	53843.80078	282.52	0	48.842285	-86.940451	56092.97	56239.5	10.48	56103.45	56126.26953	56100.19685	56086.98047	504369.3	5409925.3
L4370.0	0.0	0.0	53843.89844	282.12	0	48.842279	-86.940451	56093.18	56239.5	10.48	56103.66	56126.43359	56100.18658	56086.91406	504369.3	5409924.7
L4370.0	0.0	0.0	53844.00000	281.37	0	48.842274	-86.940451	56093.40	56239.5	10.48	56103.88	56126.60547	56100.17009	56086.83594	504369.3	5409924.1
L4370.0	0.0	0.0	53844.10156	280.37	0	48.842274	-86.940451	56092.98	56239.5	10.48	56103.46	56126.13672	56100.15984	56086.76953	504369.3	5409924.1
L4370.0	0.0	0.0	53844.19922	279.35	0	48.842267	-86.940451	56093.50	56239.5	10.48	56103.99	56126.62109	56100.13175	56086.68750	504369.3	5409923.3
L4370.0	0.0	0.0	53844.30078	279.42	0	48.842267	-86.940451	56093.33	56239.5	10.48	56103.81	56126.39063	56100.12591	56086.62500	504369.3	5409923.3
L4370.0	0.0	0.0	53844.39844	279.49	0	48.842263	-86.940451	56093.66	56239.5	10.48	56104.14	56126.66797	56100.09291	56086.53516	504369.3	5409922.9
L4370.0	0.0	0.0	53844.50000	277.35	0	48.842258	-86.940450	56093.71	56239.5	10.49	56104.20	56126.67578	56100.07510	56086.46484	504369.3	5409922.3
L4370.0	0.0	0.0	53844.60156	275.73	0	48.842258	-86.940450	56093.73	56239.5	10.49	56104.22	56126.64453	56100.06180	56086.39844	504369.3	5409922.3
L4370.0	0.0	0.0	53844.69922	274.50	0	48.842251	-86.940450	56094.01	56239.5	10.49	56104.50	56126.87109	56100.02073	56086.30469	504369.4	5409921.5
L4370.0	0.0	0.0	53844.80078	273.02	0	48.842251	-86.940450	56093.84	56239.5	10.49	56104.32	56126.63281	56100.03149	56086.26563	504369.4	5409921.5
L4370.0	0.0	0.0	53844.80078	273.02	0	48.842246	-86.940450	56094.70	56239.5	10.49	56105.18	56127.43750	56099.90623	56086.08984	504369.4	5409920.9
L4370.0	0.0	0.0	53845.00000	275.60	0	48.842240	-86.940450	56093.56	56239.5	10.49	56104.04	56126.24219	56100.23672	56086.37109	504369.4	5409920.3
L4370.0	0.0	0.0	53845.10156	277.25	0	48.842236	-86.940450	56094.75	56239.5	10.49	56105.24	56127.38281	56100.53269	56086.61719	504369.4	5409919.8
L4370.0	0.0	0.0	53845.19922	276.25	0	48.842236	-86.940450	56093.73	56239.5	10.49	56104.22	56126.30469	56100.24524	56086.28125	504369.4	5409919.8
L4370.0	0.0	0.0	53845.30078	275.17	0	48.842231	-86.940449	56094.82	56239.5	10.50	56105.32	56127.34375	56100.50456	56086.49219	504369.4	5409919.3
L4370.0	0.0	0.0	53845.39844	276.58	0	48.842231	-86.940449	56094.19	56239.5	10.50	56104.69	56126.65625	56100.32750	56086.26953	504369.4	5409919.3
L4370.0	0.0	0.0	53845.50000	278.14	0	48.842226	-86.940449	56094.26	56239.5	10.50	56104.76	56126.66406	56100.32643	56086.21875	504369.5	5409918.7
L4370.0	0.0	0.0	53845.60156	277.84	0	48.842219	-86.940449	56094.19	56239.5	10.50	56104.69	56126.53125	56100.29168	56086.14063	504369.5	5409918.0
L4370.0	0.0	0.0	53845.69922	277.36	0	48.842215	-86.940449	56094.09	56239.5	10.50	56104.59	56126.36719	56100.24964	56086.05469	504369.5	5409917.6
L4370.0	0.0	0.0	53845.80078	277.00	0	48.842210	-86.940448	56094.59	56239.5	10.51	56105.10	56126.81641	56100.34586	56086.10547	504369.5	5409917.0
L4370.0	0.0	0.0	53845.89844	276.75	0	48.842210	-86.940448	56093.66	56239.5	10.51	56104.16	56125.81250	56100.11032	56085.82813	504369.5	5409917.0
L4370.0	0.0	0.0	53846.00000	276.85	0	48.842205	-86.940449	56094.80	56239.5	10.51	56105.31	56126.89453	56100.33595	56086.00781	504369.5	5409916.4
L4370.0	0.0	0.0	53846.10156	277.49	0	48.842200	-86.940449	56093.86	56239.5	10.51	56104.37	56125.89063	56100.10011	56085.73047	504369.5	5409915.9
L4370.0	0.0	0.0	53846.19922	277.17	0	48.842200	-86.940449	56094.59	56239.5	10.51	56105.10	56126.55469	56100.21393	56085.80469	504369.5	5409915.9
L4370.0	0.0	0.0	53846.30078	276.73	0	48.842194	-86.940449	56093.91	56239.5	10.50	56104.41	56125.79688	56100.03018	56085.58203	504369.5	5409915.1
L4370.0	0.0	0.0	53846.39844	276.65	0	48.842194	-86.940449	56094.40	56239.5	10.50	56104.90	56126.21875	56100.07491	56085.58594	504369.5	5409915.1
L4370.0	0.0	0.0	53846.50000	275.72	0	48.842188	-86.940450	56094.46	56239.5	10.50	56104.96	56126.21094	56100.02667	56085.49609	504369.4	5409914.6
L4370.0	0.0	0.0	53846.60156	274.92	0	48.842188	-86.940450	56094.70	56239.5	10.50	56105.19	56126.37109	56099.99922	56085.43359	504369.4	5409914.6
L4370.0	0.0	0.0	53846.69922	273.65	0	48.842182	-86.940450	56094.95	56239.5	10.50	56105.44	56126.55078	56099.96290	56085.35938	504369.4	5409913.9
L4370.0	0.0	0.0	53846.80078	273.65	0	48.842176	-86.940451	56094.82	56239.5	10.49	56105.32	56126.36328	56099.85885	56085.21484	504369.3	5409913.2
L4370.0	0.0	0.0	53846.80078	274.00	0	48.842176	-86.940451	56095.47	56239.5	10.49	56105.97	56126.94141	56099.85456	56085.17578	504369.3	5409913.2
L4370.0	0.0	0.0	53847.00000	273.53	0	48.842171	-86.940451	56094.34	56239.5	10.49	56104.83	56125.73047	56099.60793	56084.89453	504369.3	5409912.6
L4370.0	0.0	0.0	53847.10156	273.43	0	48.842165	-86.940452	56095.23	56239.5	10.49	56105.72	56126.54688	56099.60512	56084.85547	504369.2	5409912.0
L4370.0	0.0	0.0	53847.19922	273.63	0	48.842161	-86.940452	56094.46	56239.5	10.49	56104.96	56125.71484	56099.41683	56084.63281	504369.2	5409911.5
L4370.0	0.0	0.0	53847.30078	272.05	0	48.842155	-86.940453	56094.70	56239.5	10.50	56105.19	56125.87109	56099.32272	56084.50391	504369.2	5409910.9
L4370.0	0.0	0.0	53847.39844	271.29	0	48.842155	-86.940453	56094.52	56239.5	10.50	56105.02	56125.62891	56099.19149	56084.33984	504369.2	5409910.9
L4370.0	0.0	0.0	53847.50000	270.30	0	48.842150	-86.940453	56094.57	56239.5	10.50	56105.07	56125.60547	56099.07168	56084.18750	504369.2	5409910.3
L4370.0	0.0	0.0	53847.60156	271.42	0	48.842150	-86.940453	56094.29	56239.5	10.50	56104.79	56125.25391	56098.93642	56084.01953	504369.2	5409910.3
L4370.0	0.0	0.0	53847.69922	270.87	0	48.842144	-86.940453	56094.04	56239.5	10.50	56104.54	56124.92578	56098.80725	56083.85938	504369.2	5409909.6
L4370.0	0.0	0.0	53847.80078	270.38	0	48.842137	-86.940453	56094.49	56239.5	10.51	56105.00	56125.31250	56098.68175	56083.70313	504369.1	5409908.9
L4370.0	0.0	0.0	53847.89844	271.00	0	48.842137	-86.940453	56093.93	56239.5	10.51	56104.44	56124.67578	56098.55744	56083.55078	504369.1	5409908.9
L4370.0	0.0	0.0	53848.00000	269.16	0	48.842132	-86.940453	56094.32	56239.5	10.51	56104.83	56124.99219	56098.41678	56083.37891	504369.1	5409908.4
L4370.0	0.0	0.0	53848.10156	268.82	0	48.842128	-86.940454	56094.36	56239.5	10.51	56104.88	56124.96484	56098.27932	56083.21484	504369.1	5409907.8
L4370.0	0.0	0.0	53848.19922	269.65	0	48.842123	-86.940454	56094.67	56239.5	10.51	56105.19	56125.19922	56098.12258	56083.02734	504369.1	5409907.3
L4370.0	0.0	0.0	53848.30078	267.91	0	48.842123	-86.940454	56094.21	56239.5	10.52	56104.73	56124.66406	56098.01802	56082.89453	504369.1	5409907.3
L4370.0	0.0	0.0	53848.39844	267.01	0	48.842118	-86.940454	56094.12	56239.5	10.52	56104.64	56124.49609	56098.50984	56083.35938	504369.1	5409906.7
L4370.0	0.0	0.0	53848.50000	266.29	0	48.842113	-86.940454	56093.84	56239.5	10.52	56104.36	56124.14063	56098.35087	56083.17578	504369.1	5409906.2
L4370.0	0.0	0.0	53848.60156	265.79	0	48.842113	-86.940454	56093.93	56239.5	10.52	56104.46	56124.16406	56098.26692	56083.06641	504369.1	5409906.2
L4370.0	0.0	0.0	53848.69922	265.76	0	48.842108	-86.940454	56093.96	56239.5	10.52	56104.48	56124.10547	56098.17012	56082.94141	504369.1	5409905.6

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4370.0	0.0	0.0	53848.80078	263.99	0	48.842103	-86.940454	56093.74	56239.5	10.53	56104.26	56123.80859	56098.03753	56082.78516	504369.1	5409905.1
L4370.0	0.0	0.0	53848.80078	263.99	0	48.842103	-86.940454	56093.50	56239.5	10.53	56104.03	56123.50000	56097.91024	56082.63281	504369.1	5409905.1
L4370.0	0.0	0.0	53849.00000	263.96	0	48.842096	-86.940453	56092.72	56239.5	10.53	56103.25	56122.64063	56097.70986	56082.41016	504369.1	5409904.3
L4370.0	0.0	0.0	53849.10156	264.81	0	48.842092	-86.940453	56092.75	56239.5	10.53	56103.28	56122.59375	56097.63578	56082.31250	504369.1	5409903.8
L4370.0	0.0	0.0	53849.19922	263.26	0	48.842092	-86.940453	56092.42	56239.5	10.53	56102.95	56122.18750	56097.51647	56082.17188	504369.1	5409903.8
L4370.0	0.0	0.0	53849.30078	263.69	0	48.842087	-86.940453	56092.72	56239.5	10.53	56103.25	56122.40625	56097.48476	56082.11719	504369.2	5409903.3
L4370.0	0.0	0.0	53849.39844	264.46	0	48.842082	-86.940453	56092.02	56239.5	10.53	56102.55	56121.62891	56097.32881	56081.94141	504369.2	5409902.8
L4370.0	0.0	0.0	53849.50000	263.17	0	48.842078	-86.940453	56092.47	56239.5	10.53	56103.00	56122.00000	56097.31979	56081.91016	504369.2	5409902.3
L4370.0	0.0	0.0	53849.60156	262.85	0	48.842078	-86.940453	56092.31	56239.5	10.53	56102.84	56121.76172	56097.23817	56081.80859	504369.2	5409902.3
L4370.0	0.0	0.0	53849.69922	263.83	0	48.842073	-86.940453	56092.68	56239.5	10.53	56103.21	56122.05078	56097.22054	56081.76953	504369.2	5409901.7
L4370.0	0.0	0.0	53849.80078	264.25	0	48.842069	-86.940453	56092.79	56239.5	10.53	56103.32	56122.08203	56097.17350	56081.70313	504369.2	5409901.3
L4370.0	0.0	0.0	53849.89844	264.48	0	48.842069	-86.940453	56092.12	56239.5	10.53	56102.65	56121.33203	56097.04039	56081.55469	504369.2	5409901.3
L4370.0	0.0	0.0	53850.00000	264.78	0	48.842064	-86.940452	56092.17	56239.5	10.53	56102.70	56121.30469	56096.98938	56081.48438	504369.2	5409900.8
L4370.0	0.0	0.0	53850.10156	265.46	0	48.842062	-86.940452	56092.09	56239.5	10.53	56102.62	56121.14453	56096.92430	56081.40234	504369.2	5409900.5
L4370.0	0.0	0.0	53850.19922	264.10	0	48.842058	-86.940452	56091.79	56239.5	10.53	56102.32	56120.76563	56096.83535	56081.29297	504369.2	5409900.1
L4370.0	0.0	0.0	53850.30078	264.25	0	48.842058	-86.940452	56091.54	56239.5	10.53	56102.07	56120.43750	56096.75128	56081.19531	504369.2	5409900.1
L4370.0	0.0	0.0	53850.39844	263.75	0	48.842053	-86.940452	56091.25	56239.5	10.53	56101.79	56120.07813	56096.66318	56081.08984	504369.2	5409899.6
L4370.0	0.0	0.0	53850.50000	263.79	0	48.842050	-86.940452	56091.41	56239.5	10.53	56101.94	56120.14844	56096.61840	56081.02734	504369.2	5409899.1
L4370.0	0.0	0.0	53850.60156	262.93	0	48.842050	-86.940452	56091.10	56239.5	10.54	56101.64	56119.76563	56096.52512	56080.92188	504369.2	5409899.1
L4370.0	0.0	0.0	53850.69922	265.10	0	48.842045	-86.940452	56091.48	56239.5	10.54	56102.02	56120.06641	56096.49778	56080.87891	504369.2	5409898.6
L4370.0	0.0	0.0	53850.80078	265.94	0	48.842040	-86.940452	56090.32	56239.5	10.54	56100.85	56118.81641	56096.31587	56080.68359	504369.2	5409898.0
L4370.0	0.0	0.0	53850.80078	265.94	0	48.842040	-86.940452	56090.22	56239.5	10.54	56100.76	56118.64844	56096.23867	56080.58984	504369.2	5409898.0
L4370.0	0.0	0.0	53850.89844	266.63	0	48.842036	-86.940452	56089.88	56239.5	10.54	56100.42	56118.22656	56096.13664	56080.47656	504369.2	5409897.6
L4370.0	0.0	0.0	53851.10156	263.89	0	48.842031	-86.940453	56089.94	56239.5	10.54	56100.48	56118.20703	56096.06896	56080.39453	504369.2	5409897.1
L4370.0	0.0	0.0	53851.19922	262.57	0	48.842028	-86.940453	56089.56	56239.5	10.54	56100.09	56117.73438	56095.96079	56080.27734	504369.2	5409896.7
L4370.0	0.0	0.0	53851.30078	260.02	0	48.842028	-86.940453	56089.43	56239.5	10.54	56099.97	56117.53516	56095.87427	56080.17578	504369.2	5409896.7
L4370.0	0.0	0.0	53851.39844	259.81	0	48.842024	-86.940454	56089.62	56239.5	10.54	56100.15	56117.63672	56095.80807	56080.10156	504369.1	5409896.3
L4370.0	0.0	0.0	53851.50000	259.01	0	48.842019	-86.940455	56089.08	56239.5	10.54	56099.61	56117.01563	56095.68805	56079.96875	504369.1	5409895.8
L4370.0	0.0	0.0	53851.60156	260.56	0	48.842019	-86.940455	56088.89	56239.5	10.53	56099.43	56116.75391	56095.59363	56079.86328	504369.1	5409895.8
L4370.0	0.0	0.0	53851.69922	262.75	0	48.842017	-86.940455	56088.38	56239.5	10.53	56098.91	56116.15234	56095.47940	56079.73828	504369.0	5409895.5
L4370.0	0.0	0.0	53851.80078	263.68	0	48.842013	-86.940456	56088.72	56239.5	10.53	56099.25	56116.41406	56095.41220	56079.66406	504369.0	5409895.1
L4370.0	0.0	0.0	53851.89844	263.46	0	48.842011	-86.940456	56088.45	56239.5	10.53	56098.98	56116.06250	56095.31150	56079.55469	504368.9	5409894.8
L4370.0	0.0	0.0	53852.00000	262.23	0	48.842011	-86.940456	56088.52	56239.5	10.53	56099.05	56116.05078	56095.22448	56079.45703	504368.9	5409894.8
L4370.0	0.0	0.0	53852.10156	262.36	0	48.842008	-86.940457	56088.14	56239.5	10.53	56098.67	56115.58984	56095.12120	56079.34766	504368.9	5409894.5
L4370.0	0.0	0.0	53852.19922	260.09	0	48.842006	-86.940457	56087.96	56239.5	10.53	56098.50	56115.33594	56095.02608	56079.24219	504368.9	5409894.3
L4370.0	0.0	0.0	53852.30078	260.03	0	48.842003	-86.940457	56088.29	56239.5	10.54	56098.83	56115.58594	56094.93870	56079.14844	504368.9	5409893.9
L4370.0	0.0	0.0	53852.39844	259.63	0	48.842003	-86.940457	56088.14	56239.5	10.54	56098.68	56115.35547	56094.84181	56079.04688	504368.9	5409893.9
L4370.0	0.0	0.0	53852.50000	259.76	0	48.842000	-86.940457	56088.75	56239.5	10.54	56099.29	56115.88281	56094.74476	56078.94141	504368.9	5409893.6
L4370.0	0.0	0.0	53852.60156	261.76	0	48.841997	-86.940457	56088.32	56239.5	10.54	56098.86	56115.37109	56094.64698	56078.83984	504368.9	5409893.2
L4370.0	0.0	0.0	53852.69922	259.58	0	48.841997	-86.940457	56088.29	56239.5	10.54	56098.84	56115.26953	56094.54838	56078.73438	504368.9	5409893.2
L4370.0	0.0	0.0	53852.80078	259.47	0	48.841994	-86.940457	56087.95	56239.5	10.55	56098.49	56114.83594	56094.45795	56078.63672	504368.9	5409892.9
L4370.0	0.0	0.0	53852.80078	259.47	0	48.841991	-86.940457	56087.54	56239.5	10.55	56098.08	56114.34375	56094.37465	56078.55078	504368.9	5409892.6
L4370.0	0.0	0.0	53853.00000	257.95	0	48.841991	-86.940457	56087.14	56239.4	10.55	56097.69	56113.87109	56094.29669	56078.46875	504368.9	5409892.6
L4370.0	0.0	0.0	53853.10156	257.92	0	48.841989	-86.940457	56087.13	56239.4	10.55	56097.68	56113.77734	56094.20827	56078.37500	504368.9	5409892.4
L4370.0	0.0	0.0	53853.19922	256.26	0	48.841987	-86.940457	56087.33	56239.4	10.55	56097.89	56113.90234	56094.11098	56078.27344	504368.9	5409892.1
L4370.0	0.0	0.0	53853.30078	257.32	0	48.841985	-86.940457	56087.04	56239.4	10.56	56097.59	56113.51953	56094.04023	56078.19922	504368.9	5409892.0
L4370.0	0.0	0.0	53853.39844	258.61	0	48.841985	-86.940457	56086.88	56239.4	10.56	56097.44	56113.28516	56093.96557	56078.12109	504368.9	5409892.0
L4370.0	0.0	0.0	53853.50000	257.40	0	48.841983	-86.940457	56086.26	56239.4	10.56	56096.82	56112.57813	56093.92125	56078.07422	504368.9	5409891.8
L4370.0	0.0	0.0	53853.60156	255.31	0	48.841982	-86.940457	56086.58	56239.4	10.56	56097.14	56112.81250	56093.82565	56077.97656	504368.9	5409891.6
L4370.0	0.0	0.0	53853.69922	255.24	0	48.841982	-86.940457	56086.68	56239.4	10.56	56097.24	56112.82813	56093.74512	56077.89453	504368.9	5409891.6
L4370.0	0.0	0.0	53853.80078	255.65	0	48.841979	-86.940458	56087.03	56239.4	10.57	56097.59	56113.09375	56093.65265	56077.80078	504368.8	5409891.3
L4370.0	0.0	0.0	53853.89844	254.95	0	48.841979	-86.940458	56086.38	56239.4	10.57	56096.94	56112.35547	56093.62313	56077.76953	504368.8	5409891.3
L4370.0	0.0	0.0	53854.00000	256.12	0	48.841978	-86.940458	56086.25	56239.4	10.57	56096.82	56112.15234	56093.56476	56077.71094	504368.8	5409891.2
L4370.0	0.0	0.0	53854.10156	258.73	0	48.841977	-86.940458	56086.30	56239.4	10.57	56096.87	56112.11328	56093.50008	56077.64453	504368.8	5409891.1
L4370.0	0.0	0.0	53854.19922	258.13	0	48.841977	-86.940458	56085.99	56239.4	10.58	56096.57	56111.72656	56093.45627	56077.60156	504368.8	5409891.1
L4370.0	0.0	0.0	53854.30078	258.52	0	48.841977	-86.940458	56086.16	56239.4	10.58	56096.74	56111.80859	56093.39242	56077.53906	504368.8	5409891.0
L4370.0	0.0	0.0	53854.39844	257.87	0	48.841976	-86.940458	56085.72	56239.4	10.58	56096.30	56111.28125	56093.35648	56077.50391	504368.8	5409890.9
L4370.0	0.0	0.0	53854.50000	257.86	0	48.841975	-86.940459	56085.63	56239.4	10.58	56096.22	56111.10938	56093.30671	56077.45313	504368.8	5409890.9
L4370.0	0.0	0.0	53854.60156	259.79	0	48.841975	-86.940459	56085.76	56239.4	10.59	56096.35	56111.15234	56093.25357	56077.40234	504368.8	5409890.9
L4370.0	0.0	0.0	53854.69922	260.30	0	48.841975	-86.940459	56086.27	56239.4	10.59	56096.86	56111.57031	56093.19927	56077.34766	504368.8	5409890.8
L4370.0	0.0	0.0	53854.80078	258.35	0	48.841975	-86.940459	56086.45	56239.4	10.59	56097.04	56111.66016	56093.15800	56077.30859	504368.8	5409890.8
L4370.0	0.0	0.0	53854.80078	258.35	0	48.841974	-86.940459	56086.09	56239.4	10.59	56096.69	56111.21875	56093.12069	56077.27344	504368.8	5409890.8
L4370.0	0.0	0.0	53855.00000	261.47	0	48.841974	-86.940459	56085.69	56239.4	10.60	56096.29	56110.72656	56093.07820	56077.23047	504368.8	5409890.7
L4370.0	0.0	0.0	53855.10156	262.80	0	48.841974	-86.940459	56085.36	56239.4	10.60	56095.96	56110.30469	56093.03107	56077.18750	504368.8	5409890.7
L4370.0	0.0	0.0	53855.19922	261.80	0	48.841973	-86.940459	56085.41	56239.4	10.60	56096.01	56110.26172	56092.98986	56077.14844	504368.7	5409890.7
L4370.0	0.0	0.0	53855.30078	261.40	0	48.841973	-86.940459	56085.04	56239.4	10.60	56095.64	56109.79688	56092.93394	56077.09375	504368.7	5409890.7
L4370.0	0.0	0.0	53855.39844	262.42	0	48.841973	-86.940459	56085.26	56239.4	10.60	56095.86	56109.92188	56092.89915	56077.06250	504368.7	5409890.6
L4370.0	0.0	0.0	53855.50000	262.71	0	48.841973	-86.940459	56085.38	56239.4	10.60	56095.98	56109.94922	56092.86230	56077.03125	504368.7	5409890.6
L4370.0	0.0	0.0	53855.60156	261.24	0	48.841972	-86.940459	56086.17	56239.4	10.60	56096.77	56110.64063	56092.86847	56077.03906	504368.7	5409890.6
L4370.0	0.0	0.0	53855.69922	262.45	0	48.841972	-86.940459	56086.80	56239.4	10.60	56097.40	56111.17578	56092.87420	56077.04688	504368.7	5409890.6
L4370.0	0.0	0.0	53855.80078	262.57	0	48.841972	-86.940459	56087.26	56239.4	10.60	56097.86	56111.53906	56092.87415	56077.05078	504368.7	5409890.5
L4370.0	0.0	0.0	53855.89844	262.49	0	48.841972	-86.940460	56087.66	56239.4	10.60	56098.26	56111.83984	56092.87307	56077.05469	504368.7	5409890.5
L4370.0	0.0	0.0	53856.00000	263.42	0	48.841972	-86.940460	56087.31	56239.4	10.60	56097.90	56111.37891	56092.80703	56076.99219	504368.7	5409890.5
L4370.0	0.0	0.0	53856.10156	264.92	0	48.841972	-86.940460	56087.06	56239.4	10.60	56097.66	56111.03906	56092.74605	56076.93750	504368.7	5409890.5
L4370.0	0.0	0.0	53856.19922	265.85	0	48.841971	-86.940460	56086.96	56239.4	10.60	56097.55	56110.83203	56092.69330	56076.88672	504368.7	5409890.4
L4370.0	0.0	0.0	53856.30078	265.37	0	48.841971	-86.940460	56087.48	56239.4	10.59	56098.07	56111.25000	56092.70250	56076.90234	504368.7	5409890.4
L4370.0	0.0	0.0	53856.39844	264.87	0	48.841971	-86.940460	56087.43	56239.4	10.59	56098.02	56111.09766	56092.65230	56076.85547	504368.7	5409890.4
L4370.0	0.0	0.0	53856.50000	265.13	0	48.841970	-86.940460	56087.24	56239.4	10.59	56097.83	56110.80469	56092.58360	56076.79297	504368.7	5409890.3
L4370.0	0.0	0.0	53856.60156	266.31	0	48.841969	-86.940460	56087.16	56239.4	10.59	56097.74	56110.60938	56092.52271	56076.73828	504368.6	5409890.2
L4370.0	0.0	0.0	53856.69922	264.10	0	48.841969	-86.940461	56087.11	56239.4	10.59	56097.70	56110.46484	56092.46504	56076.68359	504368.6	5409890.1
L4370.0	0.0	0.0	53856.80078	264.10	0	48.841969	-86.940461	56087.38	56239.4	10.58	56097.96	56110.62109	56092.44147	56076.66797	504368.6	5409890.1
L4370.0	0.0	0.0	53856.80078	263.14	0	48.841967	-86.940461	56087.08	56239.4	10.58	56097.67	56110.22266	56092.35018	56076.58203	504368.6	5409890.0
L4370.0	0.0	0.0	53857.00000	263.42	0	48.841966	-86.940461	56087.11	56239.4	10.58	56097.69	56110.13672	56092.29493	56076.53125	504368.6	5409889.8
L4370.0	0.0	0.0	53857.10156	263.18	0	48.841965	-86.940461	56086.81	56239.4	10.59	56097.39	56109.72656	56092.19763	56076.44141	504368.6	5409889.7
L4370.0	0.0	0.0	53857.19922	263.32	0	48.841963	-86.940461	56086.68	56239.4	10.59	56097.27	56109.50000	56092.12137	56076.37109	504368.6	5409889.5
L4370.0	0.0	0.0	53857.30078	264.71	0	48.841963	-86.940461	56086.49	56239.4	10.60	56097.09	56109.20703	56092.03614	56076.28906	504368.6	5409889.5
L4370.0	0.0	0.0	53857.39844	264.91	0	48.841962	-86.940461	56086.40	56239.4	10.60	56097.00	56109.00781	56091.96166	56076.22266	504368.6	5409889.4
L4370.0	0.0	0.0	53857.50000	265.79	0	48.841960	-86.940461	56086.45	56239.4	10.61	56097.06	56108.95313	56091.90677	56076.17188	504368.6	5409889.2
L4370.0	0.0	0.0	53857.60156	265.80	0	48.841960	-86.940461	56086.25	56239.4	10.62	56096.86	56108.64063	56091.81603	56076.08984	504368.6	5409889.2
L4370.0	0.0	0.0	53857.69922	265.37	0	48.841958	-86.940461	56086.42	56239.4	10.62	56097.04	56108.70703	56091.77766	56076.05859	504368.6	5409889.0
L4370.0	0.0	0.0	53857.80078	265.71	0	48.841956	-86.940461	56086.16	56239.4	10.63	56096.79	56108.34375	56091.67892	56075.96484	504368.6	5409888.7
L4370.0	0.0	0.0	53857.89844	266.62	0	48.841956	-86.940461	56085.92	56239.4	10.63	56096.55	56107.98828	56091.58025	56075.87500	504368.6	5409888.7
L4370.0	0.0	0.0	53858.00000	265.42	0	48.841953	-86.940461	56085.92	56239.4	10.64	56096.56	56107.88281	56091.51671	56075.81641	504368.6	5409888.4

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4370.0	0.0	0.0	53858.10156	266.78	0	48.841951	-86.940461	56085.76	56239.4	10.64	56096.40	56107.60156	56091.42727	56075.73438	504368.6	5409888.1
L4370.0	0.0	0.0	53858.19922	266.52	0	48.841948	-86.940461	56085.71	56239.4	10.64	56096.36	56107.44531	56091.35436	56075.66797	504368.6	5409887.9
L4370.0	0.0	0.0	53858.30078	264.73	0	48.841948	-86.940461	56085.43	56239.4	10.64	56096.08	56107.04688	56091.24322	56075.56250	504368.6	5409887.9
L4370.0	0.0	0.0	53858.39844	265.33	0	48.841946	-86.940461	56085.44	56239.4	10.64	56096.08	56106.92578	56091.17274	56075.50000	504368.6	5409887.6
L4370.0	0.0	0.0	53858.50000	264.22	0	48.841943	-86.940461	56085.21	56239.4	10.65	56095.85	56106.57422	56091.06434	56075.39844	504368.6	5409887.3
L4370.0	0.0	0.0	53858.60156	265.69	0	48.841943	-86.940461	56085.54	56239.4	10.65	56096.18	56106.78125	56091.04134	56075.38281	504368.6	5409887.3
L4370.0	0.0	0.0	53858.69922	266.42	0	48.841940	-86.940461	56085.18	56239.4	10.65	56095.83	56106.30859	56090.90867	56075.25781	504368.6	5409886.9
L4370.0	0.0	0.0	53858.80078	266.64	0	48.841936	-86.940461	56085.23	56239.4	10.65	56095.88	56106.23438	56090.83644	56075.19141	504368.6	5409886.5
L4370.0	0.0	0.0	53858.80078	266.64	0	48.841933	-86.940461	56084.66	56239.4	10.65	56095.31	56105.53906	56090.66268	56075.02344	504368.6	5409886.2
L4370.0	0.0	0.0	53859.00000	266.35	0	48.841933	-86.940461	56084.52	56239.3	10.65	56095.17	56105.27344	56090.55468	56074.92578	504368.6	5409886.2
L4370.0	0.0	0.0	53859.10156	268.40	0	48.841930	-86.940460	56084.45	56239.3	10.65	56095.10	56105.07813	56090.45508	56074.83203	504368.6	5409885.9
L4370.0	0.0	0.0	53859.19922	267.42	0	48.841927	-86.940460	56084.38	56239.3	10.65	56095.03	56104.87891	56090.35317	56074.73828	504368.7	5409885.5
L4370.0	0.0	0.0	53859.30078	266.28	0	48.841927	-86.940460	56084.29	56239.3	10.65	56094.95	56104.67188	56090.24764	56074.64063	504368.7	5409885.5
L4370.0	0.0	0.0	53859.39844	266.48	0	48.841923	-86.940460	56084.00	56239.3	10.65	56094.65	56104.24219	56090.10605	56074.50391	504368.7	5409885.0
L4370.0	0.0	0.0	53859.50000	265.83	0	48.841919	-86.940460	56083.77	56239.3	10.66	56094.42	56103.88281	56089.97427	56074.37891	504368.7	5409884.6
L4370.0	0.0	0.0	53859.60156	264.75	0	48.841915	-86.940460	56083.36	56239.3	10.66	56094.02	56103.35156	56089.81586	56074.23047	504368.7	5409884.2
L4370.0	0.0	0.0	53859.69922	265.35	0	48.841915	-86.940460	56083.46	56239.3	10.66	56094.11	56103.30859	56089.73222	56074.15234	504368.7	5409884.2
L4370.0	0.0	0.0	53859.80078	265.77	0	48.841911	-86.940460	56083.29	56239.3	10.66	56093.94	56103.00781	56089.60910	56074.03906	504368.7	5409883.7
L4370.0	0.0	0.0	53859.89844	265.72	0	48.841911	-86.940460	56083.32	56239.3	10.66	56093.98	56102.91406	56089.51834	56073.95313	504368.7	5409883.7
L4370.0	0.0	0.0	53860.00000	266.08	0	48.841901	-86.940461	56082.83	56239.3	10.66	56093.49	56102.28906	56089.34922	56073.79297	504368.6	5409882.6
L4370.0	0.0	0.0	53860.10156	264.79	0	48.841901	-86.940461	56082.70	56239.3	10.66	56093.37	56102.03516	56089.23612	56073.68750	504368.6	5409882.6
L4370.0	0.0	0.0	53860.19922	263.92	0	48.841896	-86.940461	56082.32	56239.3	10.66	56092.99	56101.51953	56089.08498	56073.54297	504368.6	5409882.1
L4370.0	0.0	0.0	53860.30078	264.43	0	48.841896	-86.940461	56082.42	56239.3	10.67	56093.09	56101.48438	56089.00603	56073.47266	504368.6	5409882.1
L4370.0	0.0	0.0	53860.39844	263.90	0	48.841891	-86.940461	56082.41	56239.3	10.67	56093.07	56101.32813	56088.90985	56073.38281	504368.6	5409881.5
L4370.0	0.0	0.0	53860.50000	263.06	0	48.841885	-86.940461	56082.09	56239.3	10.67	56092.76	56100.87891	56088.77066	56073.25000	504368.6	5409880.8
L4370.0	0.0	0.0	53860.60156	261.16	0	48.841885	-86.940461	56081.96	56239.3	10.67	56092.64	56100.62109	56088.66015	56073.14844	504368.6	5409880.8
L4370.0	0.0	0.0	53860.69922	263.58	0	48.841878	-86.940462	56081.44	56239.3	10.67	56092.11	56099.95313	56088.48760	56072.98438	504368.6	5409880.0
L4370.0	0.0	0.0	53860.80078	263.58	0	48.841872	-86.940462	56081.46	56239.3	10.68	56092.13	56099.83203	56088.39827	56072.90234	504368.6	5409879.4
L4370.0	0.0	0.0	53860.80078	266.32	0	48.841867	-86.940462	56081.06	56239.3	10.68	56091.74	56099.30469	56088.24564	56072.75391	504368.6	5409878.8
L4370.0	0.0	0.0	53861.00000	265.84	0	48.841861	-86.940462	56080.83	56239.3	10.68	56091.51	56098.93359	56088.11660	56072.63281	504368.6	5409878.1
L4370.0	0.0	0.0	53861.10156	266.75	0	48.841861	-86.940462	56080.28	56239.3	10.68	56090.96	56098.24219	56087.93657	56072.46094	504368.6	5409878.1
L4370.0	0.0	0.0	53861.19922	267.75	0	48.841854	-86.940462	56079.97	56239.3	10.69	56090.66	56097.80078	56087.79408	56072.32813	504368.6	5409877.4
L4370.0	0.0	0.0	53861.30078	267.38	0	48.841846	-86.940462	56079.85	56239.3	10.69	56090.54	56097.54297	56087.67857	56072.21875	504368.6	5409876.6
L4370.0	0.0	0.0	53861.39844	267.34	0	48.841846	-86.940462	56079.20	56239.3	10.69	56089.89	56096.75000	56087.47848	56072.02734	504368.6	5409876.6
L4370.0	0.0	0.0	53861.50000	266.46	0	48.841840	-86.940462	56079.26	56239.3	10.69	56089.96	56096.67578	56087.38993	56071.94531	504368.6	5409875.9
L4370.0	0.0	0.0	53861.60156	266.08	0	48.841834	-86.940461	56078.71	56239.3	10.70	56089.41	56095.98438	56087.20288	56071.76563	504368.6	5409875.1
L4370.0	0.0	0.0	53861.69922	266.51	0	48.841827	-86.940461	56078.70	56239.3	10.70	56089.40	56095.83203	56087.09864	56071.66797	504368.6	5409874.3
L4370.0	0.0	0.0	53861.80078	265.36	0	48.841820	-86.940461	56078.33	56239.3	10.70	56089.04	56095.32813	56086.93895	56071.51563	504368.6	5409873.6
L4370.0	0.0	0.0	53861.89844	265.93	0	48.841820	-86.940461	56078.27	56239.3	10.71	56088.98	56095.12500	56086.82379	56071.41016	504368.6	5409873.6
L4370.0	0.0	0.0	53862.00000	268.46	0	48.841813	-86.940461	56078.00	56239.3	10.71	56088.71	56094.71094	56086.67583	56071.26953	504368.6	5409872.8
L4370.0	0.0	0.0	53862.10156	267.09	0	48.841806	-86.940461	56077.72	56239.3	10.71	56088.43	56094.28906	56086.52593	56071.12500	504368.6	5409872.1
L4370.0	0.0	0.0	53862.19922	267.07	0	48.841798	-86.940461	56077.27	56239.3	10.71	56087.98	56093.69531	56086.35243	56070.96094	504368.6	5409871.2
L4370.0	0.0	0.0	53862.30078	265.29	0	48.841798	-86.940461	56076.91	56239.3	10.71	56087.62	56093.18750	56086.19307	56070.80859	504368.6	5409871.2
L4370.0	0.0	0.0	53862.39844	263.44	0	48.841798	-86.940461	56076.64	56239.3	10.71	56087.35	56092.77344	56086.04698	56070.67188	504368.6	5409871.2
L4370.0	0.0	0.0	53862.50000	264.41	0	48.841788	-86.940460	56076.10	56239.3	10.71	56086.81	56092.08984	56085.86865	56070.50000	504368.7	5409870.1
L4370.0	0.0	0.0	53862.60156	264.41	0	48.841782	-86.940460	56075.52	56239.3	10.71	56086.23	56091.36719	56085.69033	56070.32813	504368.7	5409869.3
L4375.0	0.0	0.0	66392.79688	262.72	0	48.842736	-86.940455	56086.12	56234.8	15.19	56101.31	56101.54688	56065.89820	56080.98438	504369.0	5409975.4
L4375.0	0.0	0.0	66392.89844	261.71	0	48.842736	-86.940455	56085.79	56234.8	15.18	56100.97	56101.49219	56065.40116	56080.37109	504369.0	5409975.4
L4375.0	0.0	0.0	66393.00000	260.85	0	48.842750	-86.940454	56085.18	56234.8	15.18	56100.36	56101.17188	56064.87431	56079.72656	504369.0	5409977.0
L4375.0	0.0	0.0	66393.10156	262.12	0	48.842763	-86.940453	56084.45	56234.8	15.18	56099.64	56100.73828	56064.33070	56079.06641	504369.1	5409978.4
L4375.0	0.0	0.0	66393.20313	262.28	0	48.842763	-86.940453	56083.90	56234.8	15.18	56099.08	56100.46875	56063.79020	56078.41016	504369.1	5409978.4
L4375.0	0.0	0.0	66393.29688	259.65	0	48.842787	-86.940452	56083.43	56234.8	15.19	56098.62	56100.30078	56063.24774	56077.75391	504369.2	5409981.1
L4375.0	0.0	0.0	66393.39844	259.43	0	48.842787	-86.940452	56082.41	56234.8	15.19	56097.59	56099.56250	56062.65537	56077.04297	504369.2	5409981.1
L4375.0	0.0	0.0	66393.50000	261.34	0	48.842806	-86.940451	56081.99	56234.8	15.19	56097.18	56099.44531	56062.09564	56076.37109	504369.2	5409983.3
L4375.0	0.0	0.0	66393.60156	261.34	0	48.842806	-86.940451	56081.09	56234.8	15.19	56096.28	56098.83984	56061.49250	56075.65234	504369.2	5409983.3
L4375.0	0.0	0.0	66393.70313	265.26	0	48.842821	-86.940450	56080.22	56234.8	15.19	56095.41	56098.26953	56060.88247	56074.92969	504369.3	5409984.9
L4375.0	0.0	0.0	66393.79688	264.03	0	48.842833	-86.940450	56079.78	56234.8	15.20	56094.97	56098.12891	56060.29288	56074.22656	504369.3	5409986.2
L4375.0	0.0	0.0	66393.89844	262.75	0	48.842851	-86.940449	56078.98	56234.8	15.20	56094.18	56097.64453	56059.67065	56073.49219	504369.4	5409988.2
L4375.0	0.0	0.0	66394.00000	264.45	0	48.842851	-86.940449	56078.40	56234.8	15.20	56093.60	56097.37109	56059.05427	56072.76563	504369.4	5409988.2
L4375.0	0.0	0.0	66394.10156	264.85	0	48.842868	-86.940448	56077.29	56234.8	15.20	56092.49	56096.57031	56058.39395	56071.99609	504369.5	5409990.1
L4375.0	0.0	0.0	66394.20313	263.25	0	48.842868	-86.940448	56077.21	56234.8	15.20	56092.41	56096.80469	56057.79640	56071.28906	504369.5	5409990.1
L4375.0	0.0	0.0	66394.29688	261.82	0	48.842885	-86.940447	56075.83	56234.8	15.20	56091.03	56095.74219	56057.10392	56070.49219	504369.5	5409992.0
L4375.0	0.0	0.0	66394.39844	260.76	0	48.842900	-86.940446	56075.17	56234.8	15.20	56090.37	56095.40625	56056.45524	56069.73828	504369.6	5409993.7
L4375.0	0.0	0.0	66394.50000	260.07	0	48.842913	-86.940446	56074.45	56234.8	15.20	56089.65	56095.01172	56055.79840	56068.97656	504369.6	5409995.2
L4375.0	0.0	0.0	66394.60156	261.91	0	48.842913	-86.940446	56073.12	56234.8	15.20	56088.32	56094.01563	56055.09552	56068.17188	504369.6	5409995.2
L4375.0	0.0	0.0	66394.70313	261.69	0	48.842932	-86.940445	56072.31	56234.8	15.20	56087.51	56093.53906	56054.42581	56067.40234	504369.7	5409997.3
L4375.0	0.0	0.0	66394.79688	261.56	0	48.842946	-86.940444	56071.57	56234.8	15.20	56086.77	56093.14063	56053.75826	56066.63281	504369.8	5409998.8
L4375.0	0.0	0.0	66394.89844	262.26	0	48.842946	-86.940444	56070.66	56234.8	15.20	56085.86	56092.57813	56053.07507	56065.85547	504369.8	5409998.8
L4375.0	0.0	0.0	66395.00000	258.50	0	48.842961	-86.940443	56069.44	56234.8	15.20	56084.64	56091.71094	56052.36418	56065.05078	504369.8	5410000.5
L4375.0	0.0	0.0	66395.10156	259.31	0	48.842974	-86.940442	56068.72	56234.8	15.20	56083.92	56091.35156	56051.68707	56064.27734	504369.9	5410002.0
L4375.0	0.0	0.0	66395.20313	261.62	0	48.842989	-86.940442	56067.83	56234.8	15.19	56083.02	56090.81641	56050.99163	56063.49219	504369.9	5410003.6
L4375.0	0.0	0.0	66395.29688	262.26	0	48.842989	-86.940442	56066.56	56234.8	15.19	56081.75	56089.91797	56050.26019	56062.67188	504369.9	5410003.6
L4375.0	0.0	0.0	66395.39844	263.44	0	48.843005	-86.940441	56065.84	56234.8	15.19	56081.02	56089.56250	56049.56720	56061.89453	504370.0	5410005.3
L4375.0	0.0	0.0	66395.50000	263.66	0	48.843005	-86.940441	56064.68	56234.8	15.18	56079.86	56088.78906	56048.82939	56061.07422	504370.0	5410005.3
L4375.0	0.0	0.0	66395.60156	262.88	0	48.843023	-86.940439	56063.68	56234.8	15.18	56078.87	56088.18750	56048.09690	56060.25781	504370.1	5410007.3
L4375.0	0.0	0.0	66395.70313	263.29	0	48.843036	-86.940439	56062.59	56234.8	15.18	56077.77	56087.48828	56047.34421	56059.42969	504370.1	5410008.8
L4375.0	0.0	0.0	66395.79688	263.79	0	48.843036	-86.940439	56061.31	56234.8	15.18	56076.48	56086.60156	56046.56190	56058.57031	504370.1	5410008.8
L4375.0	0.0	0.0	66395.89844	263.56	0	48.843054	-86.940437	56060.32	56234.8	15.17	56075.49	56086.02344	56045.79747	56057.73438	504370.2	5410010.8
L4375.0	0.0	0.0	66396.00000	264.90	0	48.843071	-86.940436	56059.20	56234.8	15.17	56074.37	56085.32422	56045.00534	56056.87109	504370.3	5410012.6
L4375.0	0.0	0.0	66396.10156	264.21	0	48.843084	-86.940435	56057.64	56234.8	15.17	56072.81	56084.19141	56044.14867	56055.94531	504370.4	5410014.1
L4375.0	0.0	0.0	66396.20313	265.72	0	48.843084	-86.940435	56056.75	56234.8	15.18	56071.93	56083.74609	56043.34580	56055.07813	504370.4	5410014.1
L4375.0	0.0	0.0	66396.29688	266.20	0	48.843103	-86.940434	56055.01	56234.8	15.18	56070.19	56082.44922	56042.42422	56054.09375	504370.5	5410016.2
L4375.0	0.0	0.0	66396.39844	265.18	0	48.843120	-86.940433	56053.89	56234.8	15.18	56069.08	56081.79297	56041.54748	56053.16016	504370.6	5410018.1
L4375.0	0.0	0.0	66396.50000	264.68	0	48.843120	-86.940433	56052.66	56234.8	15.18	56067.85	56081.01953	56040.62952	56052.18359	504370.6	5410018.1
L4375.0	0.0	0.0	66396.60156	264.45	0	48.843130	-86.940432	56051.32	56234.8	15.19	56066.50	56080.13672	56039.67006	56051.17188	504370.6	5410019.2
L4375.0	0.0	0.0	66396.70313	264.24	0	48.843143	-86.940431	56050.27	56234.8	15.19	56065.46	56079.57422	56038.71969	56050.17188	504370.7	5410020.7
L4375.0	0.0	0.0	66396.79688	265.36	0	48.843143	-86.940431	56048.98	56234.8	15.19	56064.18	56078.77734	56037.71266	56049.11719	504370.7	5410020.7
L4375.0	0.0	0.0	66396.89844	264.71	0	48.843159	-86.940430	56047.64	56234.8	15.20	56062.84	56077.92969	56036.67027	56048.03125	504370.8	5410022.4
L4375.0	0.0	0.0	66397.00000	265.02	0	48.843174	-86.940428	56045.63	56234.8	15.20	56060.82	56076.41016	56035.51956	56046.84375	504370.9	5410024.2
L4375.0	0.0	0.0	66397.10156	267.29	0	48.843189	-86.940427	56044.44	56234.8	15.20	56059.64	56075.74219	56034.44083	56045.72656	504371.0	5410025.8
L4375.0	0.0	0.0	66397.20313	265.77	0	48.843189	-86.940427	56043.04	56234.8	15.20	56058.24	56074.85938	56033.31041	56044.56250	504371.0	5410025.8
L4375.0	0.0	0.0	66397.29688	265.95	0	48.843203	-86.940426	56041.63	56234.8	15.20	56056.82	56073.96484	56032.15285	56043.37500	504371.0	5410027.4
L4375.0	0.0	0.0	66397.39844	264.97	0	48.843219	-86.940425	56039.88	56234.8	15.20	56055.07	56072.75000	56030.93610	56042.13281	504371.1	5410029.1

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4375.0	0.0	0.0	66397.50000	262.94	0	48.843219	-86.940425	56038.29	56234.8	15.19	56053.48	56071.70313	56029.71668	56040.89063	504371.1	5410029.1
L4375.0	0.0	0.0	66397.60156	262.94	0	48.843236	-86.940424	56036.95	56234.8	15.19	56052.14	56070.91797	56028.50518	56039.66016	504371.2	5410031.1
L4375.0	0.0	0.0	66397.70313	261.86	0	48.843252	-86.940423	56034.82	56234.8	15.19	56050.02	56069.35938	56027.20266	56038.33984	504371.3	5410032.8
L4375.0	0.0	0.0	66397.79688	263.47	0	48.843252	-86.940423	56033.45	56234.8	15.19	56048.65	56068.55859	56025.96170	56037.08594	504371.3	5410032.8
L4375.0	0.0	0.0	66397.89844	265.63	0	48.843267	-86.940422	56031.82	56234.8	15.19	56047.01	56067.49609	56024.68712	56035.80469	504371.4	5410034.5
L4375.0	0.0	0.0	66398.00000	263.38	0	48.843284	-86.940421	56029.86	56234.8	15.19	56045.05	56066.12109	56023.38132	56034.49219	504371.4	5410036.3
L4375.0	0.0	0.0	66398.10156	263.85	0	48.843284	-86.940421	56027.79	56234.8	15.19	56042.97	56064.63672	56022.06577	56033.17578	504371.4	5410036.3
L4375.0	0.0	0.0	66398.20313	261.87	0	48.843297	-86.940420	56026.07	56234.8	15.19	56041.26	56063.52734	56020.77878	56031.89063	504371.5	5410037.8
L4375.0	0.0	0.0	66398.29688	261.58	0	48.843313	-86.940419	56024.47	56234.8	15.18	56039.66	56062.53906	56019.49917	56030.61719	504371.6	5410039.6
L4375.0	0.0	0.0	66398.39844	262.48	0	48.843313	-86.940419	56022.22	56234.8	15.18	56037.40	56060.89844	56018.17731	56029.30469	504371.6	5410039.6
L4375.0	0.0	0.0	66398.50000	261.75	0	48.843330	-86.940417	56020.71	56234.8	15.18	56035.89	56060.01953	56016.90583	56028.04688	504371.7	5410041.5
L4375.0	0.0	0.0	66398.60156	260.08	0	48.843330	-86.940417	56018.46	56234.8	15.18	56033.64	56058.40234	56015.59196	56026.75000	504371.7	5410041.5
L4375.0	0.0	0.0	66398.70313	261.36	0	48.843345	-86.940416	56016.79	56234.8	15.18	56031.96	56057.36719	56014.31298	56025.48828	504371.7	5410043.1
L4375.0	0.0	0.0	66398.79688	261.27	0	48.843358	-86.940415	56014.28	56234.8	15.17	56029.46	56055.51953	56012.99152	56024.19141	504371.8	5410044.5
L4375.0	0.0	0.0	66398.89844	262.49	0	48.843371	-86.940414	56012.66	56234.8	15.17	56027.83	56054.55078	56011.71653	56022.94531	504371.9	5410046.0
L4375.0	0.0	0.0	66399.00000	260.27	0	48.843371	-86.940414	56009.93	56234.8	15.17	56025.10	56052.48438	56010.38649	56021.64453	504371.9	5410046.0
L4375.0	0.0	0.0	66399.10156	261.24	0	48.843384	-86.940413	56008.46	56234.8	15.17	56023.63	56051.69141	56009.11672	56020.41016	504372.0	5410047.5
L4375.0	0.0	0.0	66399.20313	261.07	0	48.843395	-86.940413	56005.91	56234.8	15.17	56021.08	56049.82422	56007.79258	56019.12500	504372.0	5410048.7
L4375.0	0.0	0.0	66399.29688	262.14	0	48.843412	-86.940411	56003.96	56234.8	15.17	56019.12	56048.55078	56006.49235	56017.86719	504372.1	5410050.6
L4375.0	0.0	0.0	66399.39844	262.54	0	48.843412	-86.940411	56001.66	56234.8	15.17	56016.83	56046.95703	56005.17096	56016.58984	504372.1	5410050.6
L4375.0	0.0	0.0	66399.50000	261.63	0	48.843427	-86.940410	55999.41	56234.8	15.17	56014.57	56045.40234	56003.84390	56015.31250	504372.2	5410052.3
L4375.0	0.0	0.0	66399.60156	260.69	0	48.843439	-86.940410	55996.83	56234.8	15.16	56011.99	56043.53125	56002.49402	56014.01563	504372.2	5410053.6
L4375.0	0.0	0.0	66399.70313	260.93	0	48.843454	-86.940408	55994.81	56234.8	15.16	56009.97	56042.22656	56001.16188	56012.74219	504372.3	5410055.2
L4375.0	0.0	0.0	66399.79688	261.86	0	48.843454	-86.940408	55992.15	56234.8	15.16	56007.31	56040.28906	55999.79074	56011.42969	504372.3	5410055.2
L4375.0	0.0	0.0	66399.89844	262.09	0	48.843466	-86.940408	55989.92	56234.8	15.16	56005.08	56038.78906	55998.43143	56010.13672	504372.4	5410056.5
L4375.0	0.0	0.0	66400.00000	261.74	0	48.843480	-86.940406	55987.44	56234.8	15.16	56002.60	56037.04297	55997.05124	56008.82031	504372.5	5410058.2
L4375.0	0.0	0.0	66400.10156	263.96	0	48.843480	-86.940406	55985.12	56234.8	15.16	56000.28	56035.46484	55995.67065	56007.51172	504372.5	5410058.2
L4375.0	0.0	0.0	66400.20313	264.89	0	48.843495	-86.940405	55982.64	56234.8	15.16	55997.80	56033.73047	55994.27507	56006.19141	504372.5	5410059.8
L4375.0	0.0	0.0	66400.29688	264.64	0	48.843510	-86.940404	55980.21	56234.8	15.16	55995.37	56032.05469	55992.87484	56004.86719	504372.6	5410061.5
L4375.0	0.0	0.0	66400.39844	262.84	0	48.843524	-86.940403	55977.30	56234.8	15.16	55992.46	56029.90234	55991.44374	56003.51953	504372.7	5410063.0
L4375.0	0.0	0.0	66400.50000	263.94	0	48.843524	-86.940403	55975.05	56234.8	15.16	55990.21	56028.41406	55990.03722	56002.19531	504372.7	5410063.0
L4375.0	0.0	0.0	66400.60156	262.05	0	48.843538	-86.940402	55972.06	56234.8	15.16	55987.22	56026.19141	55988.58435	56000.83203	504372.8	5410064.6
L4375.0	0.0	0.0	66400.70313	261.86	0	48.843538	-86.940402	55969.76	56234.8	15.16	55984.92	56024.66406	55987.15683	55999.49609	504372.8	5410064.6
L4375.0	0.0	0.0	66400.79688	261.01	0	48.843555	-86.940401	55966.45	56234.8	15.16	55981.61	56022.12891	55985.66258	55998.09375	504372.9	5410066.4
L4375.0	0.0	0.0	66400.89844	262.54	0	48.843566	-86.940400	55964.18	56234.8	15.16	55979.34	56020.64063	55984.21186	55996.74219	504373.0	5410067.7
L4375.0	0.0	0.0	66401.00000	262.72	0	48.843580	-86.940398	55961.24	56234.8	15.16	55976.40	56018.48438	55982.70662	55995.33984	504373.1	5410069.3
L4375.0	0.0	0.0	66401.10156	260.94	0	48.843580	-86.940398	55958.48	56234.8	15.16	55973.64	56016.51172	55981.19418	55993.92969	504373.1	5410069.3
L4375.0	0.0	0.0	66401.20313	260.60	0	48.843595	-86.940397	55955.70	56234.8	15.16	55970.86	56014.52344	55979.66120	55992.50391	504373.2	5410070.9
L4375.0	0.0	0.0	66401.29688	259.18	0	48.843608	-86.940396	55952.87	56234.8	15.16	55968.03	56012.48438	55978.10386	55991.05859	504373.2	5410072.4
L4375.0	0.0	0.0	66401.39844	258.29	0	48.843608	-86.940396	55949.98	56234.8	15.16	55965.14	56010.39453	55976.51949	55989.58594	504373.2	5410072.4
L4375.0	504373.3	5410074.3	66401.50000	260.67	0	48.843625	-86.940394	55946.79	56234.8	15.16	55961.95	56008.00391	55974.88569	55988.07031	504373.3	5410074.3
L4375.0	504373.4	5410075.8	66401.60156	261.32	0	48.843639	-86.940393	55944.14	56234.8	15.16	55959.30	56006.15625	55973.27335	55986.57813	504373.4	5410075.8
L4375.0	504373.5	5410077.2	66401.70313	262.70	0	48.843651	-86.940392	55941.38	56234.8	15.16	55956.54	56004.19922	55971.62843	55985.05469	504373.5	5410077.2
L4375.0	504373.5	5410077.2	66401.79688	263.66	0	48.843651	-86.940392	55938.32	56234.8	15.16	55953.48	56001.94531	55969.92934	55983.48047	504373.5	5410077.2
L4375.0	504373.6	5410078.7	66401.89844	264.29	0	48.843665	-86.940391	55935.14	56234.8	15.16	55950.30	55999.57422	55968.19062	55981.87109	504373.6	5410078.7
L4375.0	504373.6	5410080.0	66402.00000	265.68	0	48.843676	-86.940390	55932.07	56234.8	15.16	55947.23	55997.31641	55966.43685	55980.24609	504373.6	5410080.0
L4375.0	504373.7	5410081.2	66402.10156	266.96	0	48.843687	-86.940389	55929.46	56234.8	15.16	55944.63	55995.52344	55964.71781	55978.66016	504373.7	5410081.2
L4375.0	504373.7	5410081.2	66402.20313	267.20	0	48.843687	-86.940389	55926.51	56234.8	15.16	55941.67	55993.37891	55962.93769	55977.01953	504373.7	5410081.2
L4375.0	504373.8	5410082.7	66402.29688	266.88	0	48.843700	-86.940388	55923.45	56234.8	15.16	55938.61	55991.12891	55961.12911	55975.34766	504373.8	5410082.7
L4375.0	504373.8	5410084.1	66402.39844	267.47	0	48.843714	-86.940387	55920.41	56234.8	15.16	55935.57	55988.90234	55959.31290	55973.67578	504373.8	5410084.1
L4375.0	504373.8	5410084.1	66402.50000	266.07	0	48.843714	-86.940387	55917.58	56234.8	15.16	55932.74	55986.88672	55957.52441	55972.03125	504373.8	5410084.1
L4375.0	504373.9	5410085.3	66402.60156	266.16	0	48.843724	-86.940387	55914.67	56234.8	15.16	55929.83	55984.78906	55955.72913	55970.37891	504373.9	5410085.3
L4375.0	504374.0	5410086.7	66402.70313	265.18	0	48.843737	-86.940385	55911.71	56234.8	15.16	55926.87	55982.64063	55953.93804	55968.73828	504374.0	5410086.7
L4375.0	504374.0	5410086.7	66402.79688	263.17	0	48.843737	-86.940385	55908.35	56234.8	15.16	55923.51	55980.09375	55952.09970	55967.05078	504374.0	5410086.7
L4375.0	504374.1	5410088.2	66402.89844	263.41	0	48.843750	-86.940384	55905.52	56234.8	15.16	55920.68	55978.07422	55950.36865	55965.47266	504374.1	5410088.2
L4375.0	504374.1	5410088.2	66403.00000	266.13	0	48.843750	-86.940384	55902.50	56234.8	15.16	55917.66	55975.86328	55948.63803	55963.89844	504374.1	5410088.2
L4375.0	504374.1	5410089.6	66403.10156	266.60	0	48.843763	-86.940383	55899.49	56234.8	15.16	55914.65	55973.66016	55946.94281	55962.36328	504374.1	5410089.6
L4375.0	504374.2	5410091.0	66403.20313	266.55	0	48.843775	-86.940382	55896.38	56234.8	15.16	55911.54	55971.35938	55945.26555	55960.84375	504374.2	5410091.0
L4375.0	504374.3	5410092.4	66403.29688	266.92	0	48.843788	-86.940382	55893.66	56234.8	15.16	55908.81	55969.43359	55943.68484	55959.42578	504374.3	5410092.4
L4375.0	504374.3	5410092.4	66403.39844	266.97	0	48.843788	-86.940382	55890.62	56234.8	15.16	55905.78	55967.20703	55942.08739	55957.99219	504374.3	5410092.4
L4375.0	504374.3	5410093.7	66403.50000	266.05	0	48.843800	-86.940381	55887.36	56234.8	15.15	55902.51	55964.73438	55940.48323	55956.55469	504374.3	5410093.7
L4375.0	504374.4	5410094.6	66403.60156	267.26	0	48.843808	-86.940380	55884.49	56234.8	15.15	55899.65	55962.67188	55938.97742	55955.21484	504374.4	5410094.6
L4375.0	504374.4	5410094.6	66403.70313	266.68	0	48.843808	-86.940380	55881.66	56234.8	15.15	55896.82	55960.63672	55937.50650	55953.91406	504374.4	5410094.6
L4375.0	504374.4	5410095.8	66403.79688	267.55	0	48.843819	-86.940379	55878.72	56234.8	15.15	55893.88	55958.48828	55936.04749	55952.62891	504374.4	5410095.8
L4375.0	504374.5	5410097.1	66403.89844	265.49	0	48.843831	-86.940378	55875.54	56234.8	15.15	55890.69	55956.08594	55934.58170	55951.33594	504374.5	5410097.1
L4375.0	504374.5	5410098.4	66404.00000	263.07	0	48.843842	-86.940378	55872.73	56234.8	15.15	55887.88	55954.05859	55933.20325	55950.13281	504374.5	5410098.4
L4375.0	504374.6	5410099.6	66404.10156	263.30	0	48.843853	-86.940377	55869.80	56234.8	15.15	55884.95	55951.91016	55931.83807	55948.94141	504374.6	5410099.6
L4375.0	504374.6	5410099.6	66404.20313	263.33	0	48.843853	-86.940377	55867.04	56234.8	15.15	55882.19	55949.92578	55930.52496	55947.80859	504374.6	5410099.6
L4375.0	504374.7	5410101.0	66404.29688	266.16	0	48.843866	-86.940376	55864.21	56234.8	15.15	55879.36	55947.86719	55929.22600	55946.68750	504374.7	5410101.0
L4375.0	504374.7	5410102.1	66404.39844	265.48	0	48.843875	-86.940375	55861.22	56234.8	15.15	55876.37	55945.64063	55927.92629	55945.56641	504374.7	5410102.1
L4375.0	504374.7	5410102.1	66404.50000	266.82	0	48.843875	-86.940375	55858.59	56234.8	15.15	55873.74	55943.77344	55926.68775	55944.51172	504374.7	5410102.1
L4375.0	504374.8	5410103.4	66404.60156	266.62	0	48.843887	-86.940374	55855.86	56234.8	15.15	55871.01	55941.79688	55925.44981	55943.45703	504374.8	5410103.4
L4375.0	504374.9	5410104.3	66404.70313	264.39	0	48.843895	-86.940373	55853.18	56234.8	15.15	55868.33	55939.86719	55924.22954	55942.42188	504374.9	5410104.3
L4375.0	504374.9	5410104.3	66404.79688	263.35	0	48.843895	-86.940373	55850.27	56234.8	15.15	55865.42	55937.70313	55922.99409	55941.37109	504374.9	5410104.3
L4375.0	504374.9	5410105.4	66404.89844	264.05	0	48.843905	-86.940372	55847.74	56234.8	15.15	55862.89	55935.91406	55921.81345	55940.37500	504374.9	5410105.4
L4375.0	504375.0	5410106.6	66405.00000	262.38	0	48.843916	-86.940371	55845.06	56234.8	15.15	55860.21	55933.96484	55920.62847	55939.37891	504375.0	5410106.6
L4375.0	504375.1	5410107.5	66405.10156	263.35	0	48.843924	-86.940370	55842.43	56234.8	15.15	55857.58	55932.06250	55919.46773	55938.40234	504375.1	5410107.5
L4375.0	504375.2	5410108.3	66405.20313	262.84	0	48.843931	-86.940369	55840.00	56234.8	15.15	55855.15	55930.35156	55918.35542	55937.48047	504375.2	5410108.3
L4375.0	504375.2	5410108.3	66405.29688	263.60	0	48.843931	-86.940369	55837.27	56234.8	15.15	55852.42	55928.33203	55917.24468	55936.55859	504375.2	5410108.3
L4375.0	504375.2	5410109.6	66405.39844	263.86	0	48.843943	-86.940368	55834.99	56234.8	15.15	55850.14	55926.75781	55916.20809	55935.71094	504375.2	5410109.6
L4375.0	504375.3	5410110.4	66405.50000	262.47	0	48.843950	-86.940367	55832.37	56234.8	15.15	55847.52	55924.83594	55915.17610	55934.87109	504375.3	5410110.4
L4375.0	504375.4	5410111.3	66405.60156	262.47	0	48.843958	-86.940366	55830.36	56234.8	15.15	55845.51	55923.51953	55914.22577	55934.10938	504375.4	5410111.3
L4375.0	504375.4	5410111.3	66405.70313	267.22	0	48.843958	-86.940366	55827.71	56234.8	15.15	55842.86	55921.55078	55913.25086	55933.32813	504375.4	5410111.3
L4375.0	504375.4	5410112.3	66405.79688	265.78	0	48.843967	-86.940365	55825.54	56234.8	15.15	55840.69	55920.05859	55912.33402	55932.60156	504375.4	5410112.3
L4375.0	504375.4	5410112.3	66405.89844	265.57	0	48.843967	-86.940365	55823.13	56234.8	15.15	55838.28	55918.31641	55911.41364	55931.87500	504375.4	5410112.3
L4375.0	504375.5	5410113.3	66406.00000	265.25	0	48.843976	-86.940365	55821.01	56234.8	15.15	55836.16	55916.85547	55910.51808	55931.17188	504375.5	5410113.3
L4375.0	504375.6	5410114.4	66406.10156	264.03	0	48.843986	-86.940363	55818.70	56234.9	15.15	55833.85	55915.19531	55909.60817	55930.45313	504375.6	5410114.4
L4375.0	504375.6	5410115.4	66406.20313	263.98	0	48.843995	-86.940362	55816.68	56234.9	15.15	55831.83	55913.81641	55908.70443	55929.74219	504375.6	5410115.4
L4375.0	504375.6	5410115.4	66406.29688	262.51	0	48.843995	-86.940362	55814.56	56234.9	15.15	55829.70	55912.32031	55907.77474	55929.00391	504375.6	5410115.4
L4375.0	504375.7	5410116.2	66406.39844	260.89	0	48.844002	-86.940362	55812.16	56234.9	15.15	55827.31	55910.55469	55906.80454	55928.22656	504375.7	5410116.2
L4375.0	504375.7	5410116.2	66406.50000	261.12	0	48.844002	-86.940362	55810.35	56234.9	15.15	55825.50	55909.36328	55905.82764	55927.44141	504375.7	5410116.2
L4375.0	504375.7	5410116.9	66406.60156	260.07	0	48.844008	-86.940361	55808.18	56234.9	15.14	55823.32	55907.78906	55904.79079	55926.59766	504375.7	5410116.9
L4375.0	504375.8	5410117.7	66406.70313	260.56	0	48.844015	-86.940360	55806.26	56234.9	15.14	55821.40	55906.46484	55903.71887	55925.71875	504375.8	5410117.7

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4375.0	504375.9	5410118.4	66406.79688	259.28	0	48.844022	-86.940360	55804.57	56234.9	15.14	55819.71	55905.36328	55902.60706	55924.79688	504375.9	5410118.4
L4375.0	504375.9	5410118.4	66406.89844	258.46	0	48.844022	-86.940360	55802.59	56234.9	15.14	55817.73	55903.96094	55901.42867	55923.80859	504375.9	5410118.4
L4375.0	504375.9	5410119.5	66407.00000	259.11	0	48.844032	-86.940358	55800.92	56234.9	15.14	55816.06	55902.85547	55900.21210	55922.78125	504375.9	5410119.5
L4375.0	504376.0	5410120.4	66407.10156	260.69	0	48.844040	-86.940357	55798.97	56234.9	15.14	55814.12	55901.47656	55898.93233	55921.69141	504376.0	5410120.4
L4375.0	504376.1	5410121.1	66407.20313	262.79	0	48.844046	-86.940357	55797.76	56234.9	15.15	55812.90	55900.80469	55897.64417	55920.59375	504376.1	5410121.1
L4375.0	504376.1	5410121.1	66407.29688	261.73	0	48.844046	-86.940357	55795.89	56234.9	15.15	55811.04	55899.48047	55896.27528	55919.41406	504376.1	5410121.1
L4375.0	504376.1	5410121.6	66407.39844	262.05	0	48.844051	-86.940356	55794.17	56234.8	15.15	55809.32	55898.28906	55894.86979	55918.19531	504376.1	5410121.6
L4375.0	504376.2	5410122.4	66407.50000	259.53	0	48.844058	-86.940355	55792.54	56234.8	15.15	55807.70	55897.18359	55893.43321	55916.94531	504376.2	5410122.4
L4375.0	504376.2	5410123.4	66407.60156	259.96	0	48.844067	-86.940355	55791.03	56234.8	15.16	55806.19	55896.17969	55891.97838	55915.67578	504376.2	5410123.4
L4375.0	504376.2	5410123.4	66407.70313	262.18	0	48.844067	-86.940355	55789.54	56234.8	15.16	55804.70	55895.18750	55890.51224	55914.39844	504376.2	5410123.4
L4375.0	504376.2	5410123.9	66407.79688	264.37	0	48.844071	-86.940354	55787.79	56234.8	15.16	55802.96	55893.93359	55889.02508	55913.09375	504376.2	5410123.9
L4375.0	504376.3	5410124.6	66407.89844	265.56	0	48.844077	-86.940354	55786.75	56234.8	15.17	55801.92	55893.36719	55887.61883	55911.87109	504376.3	5410124.6
L4375.0	504376.3	5410124.6	66408.00000	264.50	0	48.844077	-86.940354	55785.36	56234.8	15.17	55800.53	55892.44141	55886.22056	55910.65234	504376.3	5410124.6
L4375.0	504376.3	5410125.2	66408.10156	264.61	0	48.844083	-86.940354	55784.71	56234.8	15.17	55799.88	55892.24219	55884.95350	55909.56641	504376.3	5410125.2
L4375.0	504376.3	5410125.8	66408.20313	266.08	0	48.844089	-86.940353	55783.49	56234.8	15.17	55798.65	55891.45703	55883.70445	55908.49609	504376.3	5410125.8
L4375.0	504376.3	5410125.8	66408.29688	267.04	0	48.844089	-86.940353	55782.46	56234.8	15.16	55797.62	55890.85547	55882.55942	55907.53125	504376.3	5410125.8
L4375.0	504376.3	5410126.5	66408.39844	264.57	0	48.844094	-86.940353	55780.76	56234.8	15.16	55795.92	55889.57813	55881.42694	55906.57422	504376.3	5410126.5
L4375.0	504376.3	5410126.9	66408.50000	265.51	0	48.844098	-86.940353	55780.01	56234.8	15.16	55795.17	55889.23438	55880.49268	55905.81641	504376.3	5410126.9
L4375.0	504376.3	5410127.4	66408.60156	266.35	0	48.844103	-86.940353	55779.19	56234.8	15.16	55794.35	55888.81250	55879.64058	55905.13672	504376.3	5410127.4
L4375.0	504376.3	5410127.4	66408.70313	266.88	0	48.844103	-86.940353	55778.44	56234.8	15.16	55793.59	55888.44141	55878.87385	55904.54297	504376.3	5410127.4
L4375.0	504376.4	5410128.1	66408.79688	265.87	0	48.844110	-86.940353	55777.39	56234.8	15.15	55792.55	55887.77734	55878.14222	55903.98047	504376.4	5410128.1
L4375.0	504376.4	5410128.1	66408.89844	263.53	0	48.844110	-86.940353	55776.59	56234.8	15.15	55791.74	55887.33203	55877.48768	55903.49609	504376.4	5410128.1
L4375.0	504376.4	5410128.7	66409.00000	264.33	0	48.844115	-86.940352	55775.82	56234.8	15.15	55790.97	55886.91406	55876.86963	55903.04297	504376.4	5410128.7
L4375.0	504376.4	5410129.2	66409.10156	263.68	0	48.844119	-86.940352	55774.74	56234.8	15.15	55789.89	55886.17578	55876.22862	55902.56641	504376.4	5410129.2
L4375.0	504376.4	5410129.6	66409.20313	262.18	0	48.844123	-86.940352	55773.99	56234.8	15.15	55789.14	55885.75781	55875.61816	55902.12109	504376.4	5410129.6
L4375.0	504376.4	5410129.9	66409.29688	263.27	0	48.844126	-86.940352	55773.20	56234.8	15.15	55788.35	55885.28516	55874.97573	55901.63672	504376.4	5410129.9
L4375.0	504376.4	5410129.9	66409.39844	264.30	0	48.844126	-86.940352	55772.62	56234.8	15.15	55787.77	55885.01563	55874.30991	55901.13281	504376.4	5410129.9
L4375.0	504376.4	5410130.3	66409.50000	263.54	0	48.844129	-86.940353	55772.23	56234.8	15.15	55787.38	55884.92188	55873.60603	55900.58594	504376.4	5410130.3
L4375.0	504376.4	5410130.7	66409.50000	263.54	0	48.844133	-86.940353	55771.18	56234.8	15.15	55786.33	55884.15625	55872.75408	55899.88672	504376.4	5410130.7
L4375.0	504376.4	5410130.7	66409.60156	262.26	0	48.844133	-86.940353	55770.54	56234.8	15.15	55785.69	55883.79297	55871.86634	55899.15234	504376.4	5410130.7
L4375.0	504376.3	5410131.2	66409.70313	260.93	0	48.844137	-86.940353	55770.06	56234.8	15.15	55785.21	55883.57813	55870.89969	55898.33594	504376.3	5410131.2
L4375.0	504376.3	5410131.6	66409.79688	261.00	0	48.844141	-86.940353	55769.69	56234.8	15.15	55784.84	55883.46094	55869.84232	55897.42578	504376.3	5410131.6
L4375.0	504376.3	5410131.6	66409.89844	260.14	0	48.844141	-86.940353	55769.07	56234.8	15.15	55784.22	55883.08203	55868.66139	55896.39063	504376.3	5410131.6
L4375.0	504376.3	5410131.9	66410.00000	261.08	0	48.844143	-86.940353	55768.77	56234.8	15.15	55783.92	55883.01563	55867.45440	55895.32813	504376.3	5410131.9
L4375.0	504376.3	5410132.2	66410.10156	265.37	0	48.844146	-86.940353	55768.04	56234.9	15.15	55783.19	55882.50391	55866.13395	55894.14844	504376.3	5410132.2
L4375.0	504376.3	5410132.2	66410.20313	263.81	0	48.844146	-86.940353	55767.60	56234.9	15.15	55782.75	55882.27734	55864.83586	55892.98828	504376.3	5410132.2
L4375.0	504376.3	5410132.5	66410.39844	269.85	0	48.844149	-86.940353	55766.95	56234.9	15.15	55782.10	55881.82422	55863.50858	55891.79297	504376.3	5410132.5
L4375.0	504376.3	5410132.7	66410.50000	269.61	0	48.844151	-86.940353	55766.72	56234.9	15.15	55781.86	55881.77344	55862.28718	55890.70703	504376.3	5410132.7
L4375.0	504376.3	5410132.9	66410.60156	268.94	0	48.844152	-86.940353	55766.63	56234.9	15.14	55781.77	55881.86328	55861.15923	55889.70703	504376.3	5410132.9
L4375.0	504376.3	5410132.9	66410.70313	267.44	0	48.844152	-86.940353	55766.49	56234.9	15.14	55781.63	55881.89063	55860.11521	55888.79297	504376.3	5410132.9
L4375.0	504376.4	5410133.0	66410.79688	266.78	0	48.844154	-86.940353	55766.39	56234.9	15.14	55781.53	55881.94531	55864.14253	55892.94531	504376.4	5410133.0
L4375.0	504376.4	5410133.2	66410.89844	266.94	0	48.844155	-86.940352	55766.04	56234.9	15.14	55781.18	55881.74219	55863.27669	55892.19922	504376.4	5410133.2
L4375.0	504376.4	5410133.2	66411.00000	269.03	0	48.844155	-86.940352	55765.66	56234.9	15.14	55780.80	55881.50000	55862.56894	55891.60938	504376.4	5410133.2
L4375.0	504376.4	5410133.3	66411.10156	270.48	0	48.844156	-86.940352	55765.23	56234.9	15.14	55780.37	55881.19922	55862.02071	55891.17969	504376.4	5410133.3
L4375.0	504376.4	5410133.4	66411.20313	271.69	0	48.844157	-86.940352	55764.63	56234.9	15.14	55779.77	55880.71484	55861.64037	55890.91016	504376.4	5410133.4
L4375.0	504376.4	5410133.4	66411.29688	274.79	0	48.844157	-86.940352	55764.06	56234.9	15.15	55779.21	55880.26172	55861.40847	55890.78906	504376.4	5410133.4
L4375.0	504376.4	5410133.5	66411.39844	273.17	0	48.844157	-86.940351	55763.92	56234.9	15.15	55779.07	55880.21875	55861.28942	55890.77734	504376.4	5410133.5
L4375.0	504376.5	5410133.5	66411.50000	272.44	0	48.844158	-86.940351	55764.09	56234.8	15.15	55779.24	55880.47656	55861.27905	55890.87109	504376.5	5410133.5
L4375.0	504376.5	5410133.7	66411.60156	271.46	0	48.844159	-86.940351	55763.70	56234.8	15.15	55778.85	55880.16406	55861.43192	55891.12500	504376.5	5410133.7
L4375.0	504376.5	5410133.7	66411.70313	270.80	0	48.844159	-86.940351	55764.16	56234.8	15.15	55779.32	55880.70313	55861.61538	55891.40625	504376.5	5410133.7
L4375.0	504376.5	5410133.8	66411.79688	266.61	0	48.844161	-86.940351	55764.15	56234.8	15.16	55779.30	55880.74219	55856.96199	55886.84766	504376.5	5410133.8
L4375.0	504376.5	5410133.8	66411.89844	265.74	0	48.844161	-86.940351	55764.14	56234.8	15.16	55779.30	55880.78906	55857.30951	55887.28516	504376.5	5410133.8
L4375.0	504376.5	5410134.0	66412.00000	265.86	0	48.844163	-86.940351	55764.55	56234.8	15.16	55779.71	55881.24219	55857.75228	55887.81641	504376.5	5410134.0
L4375.0	504376.4	5410134.2	66412.10156	265.54	0	48.844164	-86.940351	55764.82	56234.8	15.16	55779.98	55881.54297	55858.15607	55888.30469	504376.4	5410134.2
L4375.0	504376.4	5410134.2	66412.20313	264.63	0	48.844164	-86.940351	55764.98	56234.8	15.16	55780.14	55881.72266	55858.50134	55888.73438	504376.4	5410134.2
L4375.0	504376.4	5410134.5	66412.29688	263.57	0	48.844167	-86.940352	55765.00	56234.8	15.16	55780.16	55881.75781	55858.76157	55889.07031	504376.4	5410134.5
L4375.0	504376.4	5410134.5	66412.39844	262.16	0	48.844167	-86.940352	55765.16	56234.8	15.16	55780.31	55881.91406	55858.96863	55889.35547	504376.4	5410134.5
L4375.0	504376.4	5410134.7	66412.50000	261.68	0	48.844169	-86.940352	55765.23	56234.8	15.15	55780.39	55881.98828	55859.07739	55889.53516	504376.4	5410134.7
L4375.0	504376.4	5410134.9	66412.60156	264.24	0	48.844170	-86.940352	55765.51	56234.8	15.15	55780.66	55882.24609	55859.12156	55889.64844	504376.4	5410134.9
L4375.0	504376.4	5410134.9	66412.70313	264.00	0	48.844170	-86.940352	55765.68	56234.8	15.15	55780.84	55882.40625	55859.04909	55889.64063	504376.4	5410134.9
L4375.0	504376.4	5410135.1	66412.79688	266.40	0	48.844172	-86.940353	55765.96	56234.8	15.15	55781.11	55882.64844	55858.88259	55889.53516	504376.4	5410135.1
L4375.0	504376.3	5410135.3	66412.89844	264.74	0	48.844174	-86.940353	55766.82	56234.8	15.15	55781.97	55883.47266	55858.70699	55889.41797	504376.3	5410135.3
L4375.0	504376.3	5410135.3	66413.00000	265.71	0	48.844174	-86.940353	55767.38	56234.8	15.15	55782.53	55883.98828	55858.38870	55889.15625	504376.3	5410135.3
L4375.0	504376.3	5410135.6	66413.10156	266.23	0	48.844176	-86.940353	55767.91	56234.8	15.15	55783.06	55884.46484	55857.98994	55888.80859	504376.3	5410135.6
L4375.0	504376.3	5410135.8	66413.20313	267.35	0	48.844179	-86.940353	55768.27	56234.8	15.15	55783.42	55884.76563	55857.50242	55888.37109	504376.3	5410135.8
L4375.0	504376.3	5410135.8	66413.29688	267.12	0	48.844179	-86.940353	55768.72	56234.8	15.15	55783.87	55885.14844	55856.99672	55887.91016	504376.3	5410135.8
L4375.0	504376.3	5410136.1	66413.39844	268.07	0	48.844181	-86.940354	55769.15	56234.8	15.15	55784.30	55885.50391	55860.42507	55891.38281	504376.3	5410136.1
L4375.0	504376.3	5410136.3	66413.50000	269.10	0	48.844183	-86.940354	55769.70	56234.8	15.15	55784.86	55885.98047	55859.83000	55890.82422	504376.3	5410136.3
L4375.0	504376.3	5410136.6	66413.60156	271.03	0	48.844186	-86.940354	55770.29	56234.8	15.16	55785.45	55886.48047	55859.26352	55890.29297	504376.3	5410136.6
L4375.0	504376.2	5410136.9	66413.70313	270.25	0	48.844188	-86.940354	55770.75	56234.8	15.16	55785.90	55886.83594	55858.75016	55889.81250	504376.2	5410136.9
L4375.0	504376.2	5410136.9	66413.79688	271.86	0	48.844188	-86.940354	55771.40	56234.8	15.16	55786.56	55887.39063	55858.28049	55889.37109	504376.2	5410136.9
L4375.0	504376.2	5410137.2	66413.89844	272.02	0	48.844191	-86.940354	55772.11	56234.8	15.16	55787.27	55887.99219	55857.87675	55888.99609	504376.2	5410137.2
L4375.0	504376.2	5410137.5	66414.00000	271.90	0	48.844194	-86.940355	55772.75	56234.8	15.16	55787.91	55888.51172	55857.53887	55888.67969	504376.2	5410137.5
L4375.0	504376.2	5410137.9	66414.10156	271.17	0	48.844197	-86.940355	55773.29	56234.8	15.16	55788.45	55888.92969	55857.26245	55888.42188	504376.2	5410137.9
L4375.0	504376.2	5410137.9	66414.20313	269.46	0	48.844197	-86.940355	55773.66	56234.8	15.15	55788.81	55889.15625	55857.04763	55888.22266	504376.2	5410137.9
L4375.0	504376.1	5410138.2	66414.29688	267.65	0	48.844200	-86.940355	55774.31	56234.9	15.15	55789.46	55889.67188	55856.87874	55888.06641	504376.1	5410138.2
L4375.0	504376.1	5410138.2	66414.39844	266.64	0	48.844200	-86.940355	55774.96	56234.9	15.14	55790.10	55890.16797	55856.75861	55887.95703	504376.1	5410138.2
L4375.0	504376.1	5410138.6	66414.50000	267.46	0	48.844203	-86.940356	55775.78	56234.9	15.14	55790.91	55890.82813	55856.68033	55887.88281	504376.1	5410138.6
L4375.0	504376.1	5410138.8	66414.60156	268.10	0	48.844206	-86.940356	55776.44	56234.9	15.13	55791.57	55891.33203	55856.64108	55887.84766	504376.1	5410138.8
L4375.0	504376.1	5410138.8	66414.70313	268.44	0	48.844206	-86.940356	55776.94	56234.9	15.13	55792.06	55891.66016	55856.63250	55887.83984	504376.1	5410138.8
L4375.0	504376.1	5410139.2	66414.79688	270.51	0	48.844209	-86.940356	55777.72	56234.9	15.12	55792.84	55892.27344	55856.64937	55887.85547	504376.1	5410139.2
L4375.0	504376.1	5410139.4	66414.89844	271.67	0	48.844211	-86.940356	55778.48	56234.9	15.11	55793.59	55892.85156	55856.67909	55887.87891	504376.1	5410139.4
L4375.0	504376.1	5410139.4	66415.00000	272.00	0	48.844211	-86.940356	55779.20	56234.9	15.11	55794.31	55893.39453	55856.71115	55887.90234	504376.1	5410139.4
L4375.0	504376.1	5410139.8	66415.10156	269.57	0	48.844214	-86.940356	55779.95	56234.9	15.11	55795.06	55893.95703	55856.73567	55887.91406	504376.1	5410139.8
L4375.0	504376.1	5410140.2	66415.20313	268.90	0	48.844218	-86.940357	55780.51	56234.9	15.11	55795.62	55894.32813	55856.73623	55887.90234	504376.1	5410140.2
L4375.0	504376.1	5410140.2	66415.29688	269.72	0	48.844218	-86.940357	55781.25	56234.9	15.12	55796.36	55894.87500	55856.71263	55887.85938	504376.1	5410140.2
L4375.0	504376.0	5410140.6	66415.39844	271.21	0	48.844221	-86.940357	55782.18	56234.9	15.12	55797.30	55895.61328	55856.66669	55887.79297	504376.0	5410140.6
L4375.0	504376.0	5410140.8	66415.50000	270.55	0	48.844223	-86.940357	55782.93	56234.9	15.12	55798.05	55896.16016	55856.58638	55887.69141	504376.0	5410140.8
L4375.0	504376.0	5410140.8	66415.60156	271.81	0	48.844223	-86.940357	55783.77	56234.9	15.12	55798.89	55896.78906	55856.48048	55887.55859	504376.0	5410140.8
L4375.0	504376.0	5410141.1	66415.70313	272.87	0	48.844227	-86.940357	55784.51	56234.9	15.12	55799.63	55897.31250	55856.34557	55887.39453	504376.0	5410141.1
L4375.0	504376.0	5410141.5	66415.79688	273.89	0	48.844230	-86.940357	55785.36	56234.9	15.13	55800.49	55897.95313	55856.20015	55887.21875	504376.0	5410141.5
L4375.0	504376.0	5410141.5	66415.89844	272.83	0	48.844230	-86.940357	55786.13	56234.9	15.13	55801.25	55898.48828	55856.03473	55887.01953	504376.0	5410141.5
L4375.0	504376.0	5410142.0	66416.00000	273.15	0	48.844234	-86.940357	55787.11	56234.9	15.13	55802.24	55899.25000	55855.88198	55886.83203	504376.0	5410142.0

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4375.0	504376.0	5410142.3	66416.10156	271.16	0	48.844237	-86.940357	55787.97	56234.9	15.13	55803.10	55899.87500	55855.71755	55886.62891	504376.0	5410142.3
L4375.0	504376.0	5410142.3	66416.20313	273.21	0	48.844237	-86.940357	55788.66	56234.9	15.13	55803.79	55900.32422	55855.53753	55886.41016	504376.0	5410142.3
L4375.0	504376.0	5410142.8	66416.29688	272.28	0	48.844241	-86.940357	55789.59	56234.9	15.13	55804.72	55901.01172	55855.38851	55886.21484	504376.0	5410142.8
L4375.0	504376.0	5410143.1	66416.39844	269.93	0	48.844244	-86.940357	55790.16	56234.9	15.13	55805.29	55901.33594	55855.20544	55885.98828	504376.0	5410143.1
L4375.0	504376.0	5410143.1	66416.50000	271.79	0	48.844244	-86.940357	55791.16	56234.9	15.13	55806.29	55902.08594	55855.09000	55885.82422	504376.0	5410143.1
L4375.0	504376.0	5410143.4	66416.60156	272.82	0	48.844247	-86.940357	55791.84	56234.9	15.13	55806.97	55902.50781	55854.93855	55885.62500	504376.0	5410143.4
L4375.0	504376.0	5410143.8	66416.70313	274.07	0	48.844251	-86.940357	55792.61	56234.9	15.13	55807.74	55903.01953	55854.80556	55885.44141	504376.0	5410143.8
L4375.0	504376.0	5410143.8	66416.79688	275.26	0	48.844251	-86.940357	55793.51	56234.9	15.13	55808.64	55903.65625	55854.69922	55885.28125	504376.0	5410143.8
L4375.0	504376.0	5410144.3	66416.89844	275.98	0	48.844255	-86.940357	55794.34	56234.9	15.13	55809.47	55904.21875	55854.58455	55885.10938	504376.0	5410144.3
L4375.0	504376.0	5410144.6	66417.00000	277.24	0	48.844258	-86.940357	55795.31	56234.9	15.13	55810.43	55904.91016	55854.49737	55884.96484	504376.0	5410144.6
L4375.0	504376.0	5410144.6	66417.10156	278.33	0	48.844258	-86.940357	55796.12	56234.9	15.13	55811.25	55905.45703	55854.38450	55884.79297	504376.0	5410144.6
L4375.0	504376.0	5410145.0	66417.20313	277.12	0	48.844261	-86.940357	55796.95	56234.9	15.12	55812.07	55905.99609	55854.27177	55884.62109	504376.0	5410145.0
L4375.0	504376.0	5410145.3	66417.29688	275.44	0	48.844264	-86.940357	55797.88	56234.9	15.12	55813.00	55906.64453	55854.18511	55884.46875	504376.0	5410145.3
L4375.0	504376.0	5410145.8	66417.39844	275.85	0	48.844269	-86.940357	55798.82	56234.9	15.12	55813.94	55907.30078	55854.10406	55884.32422	504376.0	5410145.8
L4375.0	504376.0	5410145.8	66417.50000	277.08	0	48.844269	-86.940357	55799.63	56234.9	15.11	55814.74	55907.81250	55853.99053	55884.14453	504376.0	5410145.8
L4375.0	504376.0	5410146.2	66417.60156	276.59	0	48.844272	-86.940357	55800.47	56234.9	15.11	55815.58	55908.36328	55855.06719	55885.15625	504376.0	5410146.2
L4375.0	504376.0	5410146.5	66417.70313	278.26	0	48.844275	-86.940357	55801.32	56234.9	15.11	55816.43	55908.91797	55854.93289	55884.95313	504376.0	5410146.5
L4375.0	504376.0	5410146.9	66417.79688	279.12	0	48.844278	-86.940357	55802.16	56234.9	15.11	55817.27	55909.46094	55854.80306	55884.75391	504376.0	5410146.9
L4375.0	504376.0	5410146.9	66417.89844	279.58	0	48.844278	-86.940357	55803.40	56234.9	15.10	55818.50	55910.39063	55854.64733	55884.52734	504376.0	5410146.9
L4375.0	504376.0	5410147.3	66418.00000	277.91	0	48.844282	-86.940357	55804.19	56234.9	15.10	55819.29	55910.87500	55854.53994	55884.34766	504376.0	5410147.3
L4375.0	504376.0	5410147.3	66418.10156	278.57	0	48.844282	-86.940357	55805.04	56234.9	15.10	55820.14	55911.42188	55854.43771	55884.17188	504376.0	5410147.3
L4375.0	504376.0	5410147.7	66418.20313	278.72	0	48.844286	-86.940357	55805.73	56234.9	15.10	55820.83	55911.80078	55854.34831	55884.01172	504376.0	5410147.7
L4375.0	504376.0	5410148.2	66418.29688	281.43	0	48.844290	-86.940357	55806.57	56234.9	15.10	55821.67	55912.33203	55854.26562	55883.85156	504376.0	5410148.2
L4375.0	504376.0	5410148.4	66418.39844	279.68	0	48.844291	-86.940357	55807.46	56234.9	15.10	55822.56	55912.90625	55854.19754	55883.71094	504376.0	5410148.4
L4375.0	504376.0	5410148.7	66418.50000	281.55	0	48.844295	-86.940357	55808.48	56234.9	15.10	55823.58	55913.60938	55854.15364	55883.58984	504376.0	5410148.7
L4375.0	504376.0	5410148.7	66418.60156	280.76	0	48.844295	-86.940357	55809.40	56234.9	15.10	55824.50	55914.21094	55854.12581	55883.48438	504376.0	5410148.7
L4375.0	504376.1	5410149.2	66418.70313	282.95	0	48.844299	-86.940357	55810.15	56234.9	15.10	55825.25	55914.64063	55854.10082	55883.38281	504376.1	5410149.2
L4375.0	504376.1	5410149.6	66418.79688	283.26	0	48.844302	-86.940356	55810.96	56234.9	15.10	55826.06	55915.12891	55854.09517	55883.30078	504376.1	5410149.6
L4375.0	504376.1	5410149.6	66418.89844	282.71	0	48.844302	-86.940356	55811.88	56234.9	15.10	55826.97	55915.71094	55854.11795	55883.24219	504376.1	5410149.6
L4375.0	504376.1	5410150.1	66419.00000	283.65	0	48.844307	-86.940356	55812.54	56234.9	15.10	55827.64	55916.05469	55854.12068	55883.16797	504376.1	5410150.1
L4375.0	504376.1	5410150.1	66419.10156	283.37	0	48.844307	-86.940356	55813.59	56234.9	15.10	55828.69	55916.77734	55854.20195	55883.17188	504376.1	5410150.1
L4375.0	504376.1	5410150.8	66419.20313	284.36	0	48.844314	-86.940356	55814.38	56234.9	15.10	55829.47	55917.22266	55854.25365	55883.14453	504376.1	5410150.8
L4375.0	504376.1	5410150.8	66419.29688	283.49	0	48.844314	-86.940356	55815.36	56234.9	15.09	55830.45	55917.87109	55854.36520	55883.17578	504376.1	5410150.8
L4375.0	504376.1	5410151.2	66419.39844	281.83	0	48.844317	-86.940356	55816.31	56234.9	15.09	55831.40	55918.48438	55854.49384	55883.22656	504376.1	5410151.2
L4375.0	504376.1	5410151.6	66419.50000	283.28	0	48.844321	-86.940356	55817.16	56234.9	15.09	55832.25	55919.00000	55854.62046	55883.27344	504376.1	5410151.6
L4375.0	504376.1	5410152.0	66419.60156	284.44	0	48.844324	-86.940355	55818.20	56234.9	15.09	55833.28	55919.69141	55854.81829	55883.39063	504376.1	5410152.0
L4375.0	504376.1	5410152.0	66419.70313	284.15	0	48.844324	-86.940355	55819.21	56234.9	15.09	55834.30	55920.37109	55855.04112	55883.53516	504376.1	5410152.0
L4375.0	504376.1	5410152.4	66419.79688	285.90	0	48.844327	-86.940355	55820.07	56234.9	15.08	55835.15	55920.87891	55855.23782	55883.65234	504376.1	5410152.4
L4375.0	504376.1	5410152.8	66419.89844	285.99	0	48.844332	-86.940355	55821.11	56234.9	15.08	55836.19	55921.57813	55855.52139	55883.85938	504376.1	5410152.8
L4375.0	504376.1	5410152.8	66420.00000	287.53	0	48.844332	-86.940355	55821.82	56234.9	15.08	55836.90	55921.94141	55855.71801	55883.97656	504376.1	5410152.8
L4375.0	504376.1	5410153.4	66420.10156	288.15	0	48.844337	-86.940355	55822.40	56234.9	15.08	55837.48	55922.17578	55855.88479	55884.06641	504376.1	5410153.4
L4375.0	504376.1	5410153.7	66420.20313	286.24	0	48.844340	-86.940356	55823.16	56234.9	15.08	55838.23	55922.57813	55856.13176	55884.23438	504376.1	5410153.7
L4375.0	504376.1	5410153.7	66420.29688	287.33	0	48.844340	-86.940356	55824.12	56234.9	15.07	55839.20	55923.19922	55856.48732	55884.51172	504376.1	5410153.7
L4375.0	504376.1	5410154.1	66420.39844	286.55	0	48.844344	-86.940356	55825.10	56234.9	15.07	55840.17	55923.82031	55856.86877	55884.81641	504376.1	5410154.1
L4375.0	504376.1	5410154.5	66420.50000	288.28	0	48.844347	-86.940356	55826.22	56234.9	15.07	55841.29	55924.58984	55857.65748	55885.53125	504376.1	5410154.5
L4375.0	504376.1	5410154.5	66420.60156	287.61	0	48.844347	-86.940356	55827.07	56234.9	15.07	55842.14	55925.08984	55858.06324	55885.85938	504376.1	5410154.5
L4375.0	504376.1	5410154.8	66420.70313	289.07	0	48.844350	-86.940356	55827.86	56234.9	15.07	55842.92	55925.51563	55858.50594	55886.22656	504376.1	5410154.8
L4375.0	504376.1	5410155.2	66420.79688	288.89	0	48.844353	-86.940356	55828.87	56234.9	15.06	55843.93	55926.17578	55858.91053	55886.55469	504376.1	5410155.2
L4375.0	504376.1	5410155.2	66420.89844	291.17	0	48.844353	-86.940356	55829.88	56234.9	15.06	55844.94	55926.82813	55859.34311	55886.91406	504376.1	5410155.2
L4375.0	504376.1	5410155.6	66421.00000	289.93	0	48.844356	-86.940356	55830.77	56234.9	15.06	55845.83	55927.36328	55859.82446	55887.32031	504376.1	5410155.6
L4375.0	504376.1	5410156.0	66421.10156	291.21	0	48.844360	-86.940356	55831.66	56234.9	15.06	55846.72	55927.89844	55860.32696	55887.75000	504376.1	5410156.0
L4375.0	504376.1	5410156.3	66421.20313	289.50	0	48.844363	-86.940356	55832.67	56234.9	15.06	55847.73	55928.55078	55860.83509	55888.18359	504376.1	5410156.3
L4375.0	504376.1	5410156.3	66421.29688	290.25	0	48.844363	-86.940356	55833.37	56234.9	15.06	55848.43	55928.89453	55861.39875	55888.67578	504376.1	5410156.3
L4375.0	504376.1	5410156.8	66421.39844	287.81	0	48.844367	-86.940356	55834.37	56234.9	15.06	55849.43	55929.53516	55861.94981	55889.15234	504376.1	5410156.8
L4375.0	504376.1	5410157.2	66421.50000	288.46	0	48.844371	-86.940356	55835.42	56234.9	15.06	55850.48	55930.22656	55862.51893	55889.64844	504376.1	5410157.2
L4375.0	504376.1	5410157.2	66421.60156	289.84	0	48.844371	-86.940356	55836.11	56234.9	15.06	55851.17	55930.55859	55863.11973	55890.17969	504376.1	5410157.2
L4375.0	504376.1	5410157.7	66421.70313	289.92	0	48.844375	-86.940356	55837.14	56234.9	15.06	55852.20	55931.23047	55863.71758	55890.70703	504376.1	5410157.7
L4375.0	504376.1	5410158.0	66421.79688	291.65	0	48.844378	-86.940356	55838.05	56234.9	15.06	55853.11	55931.77734	55864.32653	55891.24609	504376.1	5410158.0
L4375.0	504376.1	5410158.3	66421.89844	289.62	0	48.844381	-86.940356	55838.91	56234.9	15.06	55853.97	55932.27734	55864.93776	55891.78516	504376.1	5410158.3
L4375.0	504376.1	5410158.3	66422.00000	289.54	0	48.844381	-86.940356	55839.98	56234.9	15.06	55855.04	55932.98828	55865.55654	55892.33594	504376.1	5410158.3
L4375.0	504376.1	5410158.7	66422.10156	288.31	0	48.844385	-86.940356	55840.86	56234.9	15.06	55855.92	55933.50391	55866.16632	55892.87500	504376.1	5410158.7
L4375.0	504376.1	5410159.0	66422.20313	289.18	0	48.844387	-86.940356	55841.95	56234.9	15.06	55857.00	55934.22266	55866.78592	55893.42578	504376.1	5410159.0
L4375.0	504376.1	5410159.4	66422.29688	290.80	0	48.844391	-86.940356	55842.81	56234.9	15.05	55857.86	55934.71875	55867.38139	55893.95313	504376.1	5410159.4
L4375.0	504376.1	5410159.4	66422.39844	291.51	0	48.844391	-86.940356	55843.59	56234.9	15.05	55858.64	55935.13672	55867.95486	55894.45703	504376.1	5410159.4
L4375.0	504376.1	5410160.0	66422.50000	291.37	0	48.844396	-86.940356	55844.53	56234.9	15.05	55859.58	55935.71484	55868.53644	55894.96875	504376.1	5410160.0
L4375.0	504376.1	5410160.3	66422.60156	292.72	0	48.844399	-86.940356	55845.19	56235	15.05	55860.24	55936.01172	55869.05692	55895.42188	504376.1	5410160.3
L4375.0	504376.1	5410160.3	66422.70313	290.20	0	48.844399	-86.940356	55846.22	56235	15.05	55861.27	55936.67578	55869.62775	55895.92578	504376.1	5410160.3
L4375.0	504376.1	5410160.7	66422.79688	290.47	0	48.844403	-86.940356	55847.31	56235	15.04	55862.35	55937.39453	55870.20307	55896.43359	504376.1	5410160.7
L4375.0	504376.1	5410161.1	66422.89844	290.08	0	48.844406	-86.940356	55848.22	56235	15.04	55863.26	55937.93750	55870.72940	55896.89453	504376.1	5410161.1
L4375.0	504376.1	5410161.1	66423.00000	289.93	0	48.844406	-86.940356	55849.06	56235	15.04	55864.10	55938.41406	55871.22179	55897.32031	504376.1	5410161.1
L4375.0	504376.1	5410161.6	66423.10156	290.96	0	48.844411	-86.940356	55849.84	56235	15.04	55864.88	55938.82813	55871.67723	55897.70703	504376.1	5410161.6
L4375.0	504376.1	5410162.0	66423.20313	292.97	0	48.844414	-86.940356	55850.60	56235	15.04	55865.64	55939.22266	55872.10525	55898.07031	504376.1	5410162.0
L4375.0	504376.1	5410162.0	66423.29688	293.17	0	48.844414	-86.940356	55851.46	56235	15.04	55866.50	55939.71875	55872.55409	55898.44922	504376.1	5410162.0
L4375.0	504376.0	5410162.3	66423.39844	294.95	0	48.844417	-86.940357	55852.32	56235	15.04	55867.36	55940.21484	55872.99377	55898.82422	504376.0	5410162.3
L4375.0	504376.0	5410162.8	66423.50000	295.17	0	48.844421	-86.940357	55853.18	56235	15.05	55868.23	55940.71875	55873.43231	55899.19531	504376.0	5410162.8
L4375.0	504376.0	5410163.1	66423.60156	294.35	0	48.844424	-86.940357	55854.09	56235	15.05	55869.13	55941.25391	55873.88482	55899.58203	504376.0	5410163.1
L4375.0	504376.0	5410163.1	66423.70313	293.35	0	48.844424	-86.940357	55855.18	56235	15.05	55870.23	55941.98828	55874.45482	55900.08594	504376.0	5410163.1
L4375.0	504376.0	5410163.6	66423.79688	293.36	0	48.844428	-86.940357	55856.06	56235	15.05	55871.11	55942.50000	55874.91547	55900.48047	504376.0	5410163.6
L4375.0	504376.0	5410164.1	66423.89844	293.75	0	48.844433	-86.940358	55856.85	56235	15.05	55871.90	55942.92578	55875.32772	55900.82422	504376.0	5410164.1
L4375.0	504376.0	5410164.1	66424.00000	295.61	0	48.844433	-86.940358	55857.58	56234.9	15.05	55872.63	55943.28906	55875.70334	55901.13281	504376.0	5410164.1
L4375.0	504375.9	5410164.5	66424.10156	296.20	0	48.844436	-86.940358	55858.41	56234.9	15.05	55873.47	55943.76172	55876.16070	55901.52344	504375.9	5410164.5
L4375.0	504375.9	5410164.5	66424.20313	295.55	0	48.844436	-86.940358	55859.36	56234.9	15.05	55874.41	55944.33594	55876.71780	55902.01563	504375.9	5410164.5
L4375.0	504375.9	5410164.9	66424.29688	296.88	0	48.844440	-86.940358	55860.29	56234.9	15.06	55875.34	55944.90234	55877.19987	55902.42969	504375.9	5410164.9
L4375.0	504375.9	5410165.2	66424.39844	296.94	0	48.844443	-86.940358	55861.02	56234.9	15.06	55876.08	55945.27344	55877.74951	55902.91016	504375.9	5410165.2
L4375.0	504375.9	5410165.6	66424.50000	297.51	0	48.844446	-86.940358	55861.98	56234.9	15.06	55877.04	55945.86719	55878.26190	55903.35547	504375.9	5410165.6
L4375.0	504375.9	5410165.6	66424.60156	297.61	0	48.844446	-86.940358	55862.77	56234.9	15.06	55877.83	55946.29297	55878.77889	55903.80469	504375.9	5410165.6
L4375.0	504375.9	5410166.1	66424.70313	297.75	0	48.844451	-86.940358	55863.45	56234.9	15.06	55878.51	55946.60547	55879.23128	55904.18750	504375.9	5410166.1
L4375.0	504375.9	5410166.5	66424.79688	297.81	0	48.844454	-86.940358	55864.48	56234.9	15.07	55879.55	55947.27734	55879.89268	55904.78125	504375.9	5410166.5
L4375.0	504375.9	5410166.5	66424.89844	295.93	0	48.844454	-86.940358	55865.27	56234.9	15.07	55880.34	55947.70313	55880.34000	55905.16016	504375.9	5410166.5
L4375.0	504375.9	5410166.9	66425.00000	297.32	0	48.844458	-86.940358	55866.38	56234.9	15.07	55881.45	55948.44531	55881.33215	55906.08594	504375.9	5410166.9
L4375.0	504375.9	5410167.2	66425.10156	298.86	0	48.844461	-86.940358	55867.40	56234.9	15.07	55882.47	55949.09766	55882.14458	55906.82813	504375.9	5410167.2
L4375.0	504375.9	5410167.2	66425.20313	299.87	0	48.844461	-86.940358	55868.11	56234.9	15.07	55883.17	55949.43359	55882.88059	55907.49219	504375.9	5410167.2
L4375.0	504375.9	5410167.7	66425.29688	299.83	0	48.844465	-86.940358	55868.56	56234.9	15.06	55883.62	55949.51563	55881.83832	55906.38281	504375.9	5410167.7

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4375.0	504375.9	5410168.0	66425.39844	299.06	0	48.844468	-86.940358	55869.29	56234.9	15.06	55884.35	55949.87891	55882.50024	55906.97266	504375.9	5410168.0
L4375.0	504375.9	5410168.3	66425.50000	299.27	0	48.844471	-86.940358	55870.23	56234.9	15.06	55885.29	55950.45313	55883.81054	55908.21094	504375.9	5410168.3
L4375.0	504375.9	5410168.3	66425.60156	297.20	0	48.844471	-86.940358	55871.16	56234.9	15.06	55886.22	55951.01953	55883.94921	55908.28125	504375.9	5410168.3
L4375.0	504375.9	5410168.8	66425.70313	295.35	0	48.844476	-86.940358	55872.06	56234.9	15.06	55887.11	55951.54297	55886.40046	55910.66016	504375.9	5410168.8
L4375.0	504375.9	5410169.3	66425.79688	296.22	0	48.844480	-86.940358	55872.78	56234.9	15.05	55887.83	55951.89453	55885.42410	55909.60938	504375.9	5410169.3
L4375.0	504375.9	5410169.3	66425.89844	299.33	0	48.844480	-86.940358	55873.77	56234.9	15.05	55888.82	55952.51953	55887.42525	55911.53906	504375.9	5410169.3
L4375.0	504376.0	5410169.7	66426.00000	299.00	0	48.844484	-86.940358	55874.48	56234.9	15.05	55889.53	55952.86328	55887.35402	55911.39453	504376.0	5410169.7
L4375.0	504376.0	5410170.1	66426.10156	298.31	0	48.844487	-86.940358	55875.14	56235	15.05	55890.18	55953.14844	55886.66518	55910.63281	504376.0	5410170.1
L4375.0	504376.0	5410170.5	66426.20313	300.08	0	48.844490	-86.940358	55875.79	56235	15.04	55890.84	55953.44141	55885.92062	55909.81641	504376.0	5410170.5
L4375.0	504376.0	5410170.5	66426.29688	301.76	0	48.844490	-86.940358	55876.56	56235	15.04	55891.60	55953.83594	55885.99972	55909.82031	504376.0	5410170.5
L4375.0	504375.9	5410170.9	66426.39844	302.57	0	48.844495	-86.940358	55877.62	56235	15.04	55892.65	55954.52344	55888.91352	55912.66016	504375.9	5410170.9
L4375.0	504375.9	5410170.9	66426.50000	302.07	0	48.844495	-86.940358	55878.57	56235	15.04	55893.61	55955.11719	55891.03543	55914.70703	504375.9	5410170.9
L4375.0	504375.9	5410171.3	66426.60156	302.50	0	48.844498	-86.940358	55879.41	56235	15.03	55894.44	55955.58203	55891.81942	55915.41797	504375.9	5410171.3
L4375.0	504375.9	5410171.7	66426.70313	302.04	0	48.844501	-86.940358	55880.12	56235	15.03	55895.15	55955.92969	55891.22838	55914.75000	504375.9	5410171.7
L4375.0	504375.9	5410172.1	66426.79688	304.65	0	48.844505	-86.940358	55880.86	56235	15.03	55895.88	55956.29297	55890.71994	55914.16406	504375.9	5410172.1
L4375.0	504375.9	5410172.1	66426.89844	301.91	0	48.844505	-86.940358	55881.73	56235	15.02	55896.76	55956.80859	55891.83082	55915.19922	504375.9	5410172.1
L4375.0	504375.9	5410172.5	66427.00000	302.27	0	48.844508	-86.940358	55882.52	56235	15.02	55897.54	55957.22656	55891.68733	55914.98047	504375.9	5410172.5
L4375.0	504375.9	5410172.5	66427.10156	300.90	0	48.844508	-86.940358	55883.46	56235	15.02	55898.48	55957.80469	55893.42718	55916.64453	504375.9	5410172.5
L4375.0	504375.9	5410172.9	66427.20313	298.67	0	48.844512	-86.940358	55884.47	56235	15.02	55899.49	55958.44922	55896.09255	55919.23438	504375.9	5410172.9
L4375.0	504375.9	5410173.2	66427.29688	298.73	0	48.844515	-86.940359	55885.38	56235	15.02	55900.40	55958.99609	55897.49373	55920.55859	504375.9	5410173.2
L4375.0	504375.9	5410173.2	66427.39844	298.59	0	48.844515	-86.940359	55885.96	56235	15.02	55900.98	55959.21484	55894.19965	55917.18359	504375.9	5410173.2
L4375.0	504375.9	5410173.5	66427.50000	300.18	0	48.844518	-86.940359	55886.79	56235	15.03	55901.82	55959.69141	55894.33364	55917.24219	504375.9	5410173.5
L4375.0	504375.9	5410173.9	66427.60156	300.32	0	48.844521	-86.940359	55887.84	56235	15.03	55902.86	55960.37109	55897.48943	55920.32031	504375.9	5410173.9
L4375.0	504375.9	5410174.2	66427.70313	299.60	0	48.844524	-86.940359	55888.72	56235	15.03	55903.75	55960.90234	55898.37380	55921.12500	504375.9	5410174.2
L4375.0	504375.9	5410174.2	66427.79688	300.46	0	48.844524	-86.940359	55889.53	56235	15.03	55904.56	55961.35156	55897.81577	55920.49219	504375.9	5410174.2
L4375.0	504375.8	5410174.6	66427.89844	300.64	0	48.844527	-86.940359	55890.64	56235	15.03	55905.67	55962.10156	55902.69442	55925.29297	504375.8	5410174.6
L4375.0	504375.8	5410174.9	66428.00000	302.58	0	48.844530	-86.940359	55891.48	56235	15.03	55906.51	55962.58203	55902.68262	55925.20313	504375.8	5410174.9
L4375.0	504375.8	5410175.3	66428.10156	303.24	0	48.844534	-86.940360	55892.16	56235	15.03	55907.19	55962.90234	55899.09013	55921.53125	504375.8	5410175.3
L4375.0	504375.8	5410175.3	66428.20313	305.17	0	48.844534	-86.940360	55893.12	56235	15.04	55908.16	55963.51172	55901.58505	55923.94922	504375.8	5410175.3
L4375.0	504375.8	5410175.7	66428.29688	307.17	0	48.844537	-86.940360	55893.83	56235	15.04	55908.87	55963.86719	55897.93024	55920.21484	504375.8	5410175.7
L4375.0	504375.8	5410176.0	66428.39844	307.51	0	48.844540	-86.940360	55894.74	56235	15.04	55909.78	55964.41797	55899.04550	55921.25391	504375.8	5410176.0
L4375.0	504375.8	5410176.4	66428.50000	306.36	0	48.844544	-86.940360	55895.57	56235	15.04	55910.62	55964.90234	55898.37213	55920.50391	504375.8	5410176.4
L4375.0	504375.8	5410176.4	66428.60156	307.53	0	48.844544	-86.940360	55896.38	56235	15.05	55911.43	55965.35547	55896.79845	55918.85547	504375.8	5410176.4
L4375.0	504375.8	5410176.8	66428.70313	308.10	0	48.844547	-86.940360	55897.37	56234.9	15.05	55912.42	55965.99219	55902.77311	55924.75000	504375.8	5410176.8
L4375.0	504375.8	5410177.1	66428.79688	308.16	0	48.844550	-86.940360	55898.41	56234.9	15.05	55913.46	55966.67578	55906.14851	55928.05078	504375.8	5410177.1
L4375.0	504375.8	5410177.4	66428.89844	309.73	0	48.844552	-86.940360	55899.22	56234.9	15.06	55914.28	55967.14453	55906.35886	55928.18359	504375.8	5410177.4
L4375.0	504375.8	5410177.8	66429.00000	309.49	0	48.844556	-86.940360	55900.02	56234.9	15.06	55915.08	55967.58984	55906.28480	55928.03516	504375.8	5410177.8
L4375.0	504375.8	5410177.8	66429.10156	310.88	0	48.844556	-86.940360	55900.84	56234.9	15.06	55915.90	55968.05859	55906.58991	55928.26563	504375.8	5410177.8
L4375.0	504375.8	5410178.2	66429.20313	312.00	0	48.844560	-86.940360	55901.67	56234.9	15.06	55916.73	55968.53906	55907.14337	55928.74609	504375.8	5410178.2
L4375.0	504375.8	5410178.5	66429.29688	314.74	0	48.844563	-86.940360	55902.56	56234.9	15.06	55917.61	55969.07031	55908.67871	55930.20703	504375.8	5410178.5
L4375.0	504375.8	5410178.9	66429.39844	314.57	0	48.844566	-86.940360	55903.34	56234.9	15.06	55918.40	55969.50781	55908.69917	55930.15625	504375.8	5410178.9
L4375.0	504375.8	5410178.9	66429.50000	315.22	0	48.844566	-86.940360	55904.18	56234.9	15.06	55919.24	55970.00000	55909.70134	55931.08594	504375.8	5410178.9
L4375.0	504375.8	5410179.3	66429.60156	313.63	0	48.844569	-86.940360	55905.06	56234.9	15.06	55920.12	55970.53516	55911.52013	55932.83594	504375.8	5410179.3
L4375.0	504375.8	5410179.3	66429.70313	312.54	0	48.844569	-86.940360	55905.67	56234.9	15.06	55920.73	55970.79688	55908.39618	55929.64063	504375.8	5410179.3
L4375.0	504375.8	5410179.6	66429.79688	312.55	0	48.844573	-86.940360	55906.53	56234.9	15.06	55921.59	55971.31250	55909.95586	55931.13281	504375.8	5410179.6
L4375.0	504375.8	5410180.0	66429.89844	312.02	0	48.844576	-86.940360	55907.29	56234.9	15.06	55922.35	55971.73047	55909.69797	55930.80469	504375.8	5410180.0
L4375.0	504375.8	5410180.5	66430.00000	310.99	0	48.844581	-86.940360	55908.02	56234.9	15.06	55923.08	55972.11719	55908.90604	55929.94531	504375.8	5410180.5
L4375.0	504375.8	5410180.5	66430.10156	309.85	0	48.844581	-86.940360	55908.73	56234.9	15.06	55923.79	55972.48438	55907.73835	55928.71484	504375.8	5410180.5
L4375.0	504375.8	5410180.8	66430.20313	310.21	0	48.844583	-86.940360	55909.59	56234.9	15.06	55924.65	55973.00391	55909.34414	55930.25391	504375.8	5410180.8
L4375.0	504375.8	5410181.2	66430.29688	309.46	0	48.844587	-86.940360	55910.65	56234.9	15.06	55925.71	55973.72266	55914.66451	55935.51172	504375.8	5410181.2
L4375.0	504375.8	5410181.2	66430.39844	309.21	0	48.844587	-86.940360	55911.43	56234.9	15.06	55926.49	55974.16797	55914.73517	55935.51953	504375.8	5410181.2
L4375.0	504375.8	5410181.6	66430.50000	309.31	0	48.844590	-86.940360	55912.12	56234.9	15.06	55927.18	55974.51953	55913.05820	55933.78516	504375.8	5410181.6
L4375.0	504375.8	5410182.0	66430.60156	310.33	0	48.844594	-86.940360	55913.06	56234.9	15.06	55928.11	55975.11328	55915.86821	55936.53516	504375.8	5410182.0
L4375.0	504375.8	5410182.0	66430.70313	308.12	0	48.844594	-86.940360	55913.98	56234.9	15.06	55929.04	55975.71094	55918.66575	55939.27344	504375.8	5410182.0
L4375.0	504375.8	5410182.4	66430.79688	307.79	0	48.844597	-86.940360	55914.72	56234.9	15.06	55929.78	55976.11719	55917.74349	55938.29688	504375.8	5410182.4
L4375.0	504375.8	5410182.4	66430.89844	308.91	0	48.844597	-86.940360	55915.63	56234.9	15.06	55930.69	55976.69531	55920.08564	55940.58594	504375.8	5410182.4
L4375.0	504375.8	5410182.8	66431.00000	308.20	0	48.844601	-86.940360	55916.39	56234.9	15.06	55931.45	55977.12500	55919.38032	55939.82813	504375.8	5410182.8
L4375.0	504375.8	5410183.2	66431.10156	310.06	0	48.844605	-86.940360	55917.20	56234.9	15.06	55932.26	55977.60547	55919.58779	55939.98438	504375.8	5410183.2
L4375.0	504375.8	5410183.6	66431.20313	311.85	0	48.844608	-86.940360	55917.98	56234.9	15.06	55933.04	55978.05859	55919.07696	55939.42578	504375.8	5410183.6
L4375.0	504375.8	5410183.6	66431.29688	312.56	0	48.844608	-86.940360	55919.02	56234.9	15.06	55934.08	55978.76953	55924.11596	55944.41406	504375.8	5410183.6
L4375.0	504375.8	5410184.0	66431.39844	314.18	0	48.844612	-86.940360	55919.70	56234.9	15.06	55934.76	55979.12500	55921.30480	55941.55859	504375.8	5410184.0
L4375.0	504375.8	5410184.4	66431.50000	317.71	0	48.844616	-86.940360	55920.26	56234.9	15.06	55935.32	55979.36328	55915.53092	55935.74219	504375.8	5410184.4
L4375.0	504375.8	5410184.9	66431.60156	317.71	0	48.844620	-86.940360	55921.02	56234.9	15.06	55936.08	55979.80078	55914.11915	55934.28906	504375.8	5410184.9
L4375.0	504375.7	5410185.2	66431.70313	317.90	0	48.844623	-86.940360	55921.81	56234.9	15.06	55936.86	55980.26172	55913.10051	55933.23438	504375.7	5410185.2
L4375.0	504375.7	5410185.2	66431.79688	317.89	0	48.844623	-86.940360	55922.79	56234.9	15.06	55937.85	55980.92969	55917.24177	55937.33594	504375.7	5410185.2
L4375.0	504375.7	5410185.6	66431.89844	318.10	0	48.844627	-86.940360	55923.68	56234.9	15.06	55938.74	55981.50391	55919.08359	55939.14453	504375.7	5410185.6
L4375.0	504375.7	5410185.6	66432.00000	315.97	0	48.844627	-86.940360	55924.74	56234.9	15.06	55939.80	55982.25000	55925.47901	55945.50781	504375.7	5410185.6
L4375.0	504375.7	5410186.1	66432.10156	316.67	0	48.844631	-86.940361	55925.45	56234.9	15.06	55940.50	55982.63281	55922.69639	55942.69531	504375.7	5410186.1
L4375.0	504375.7	5410186.4	66432.20313	317.55	0	48.844634	-86.940361	55926.20	56234.9	15.06	55941.26	55983.08203	55921.53624	55941.50781	504375.7	5410186.4
L4375.0	504375.7	5410186.8	66432.29688	316.32	0	48.844637	-86.940361	55927.04	56234.9	15.06	55942.10	55983.60938	55923.60741	55943.55078	504375.7	5410186.8
L4375.0	504375.7	5410186.8	66432.39844	317.24	0	48.844637	-86.940361	55927.85	56234.9	15.06	55942.91	55984.10938	55925.39103	55945.31250	504375.7	5410186.8
L4375.0	504375.7	5410187.2	66432.50000	318.01	0	48.844641	-86.940361	55928.64	56234.9	15.06	55943.69	55984.58203	55926.90437	55946.80469	504375.7	5410187.2
L4375.0	504375.7	5410187.2	66432.60156	319.24	0	48.844641	-86.940361	55929.52	56234.9	15.05	55944.57	55985.15625	55930.46553	55950.35156	504375.7	5410187.2
L4375.0	504375.7	5410187.6	66432.70313	318.53	0	48.844645	-86.940361	55930.53	56234.9	15.05	55945.58	55985.85938	55936.66668	55956.53516	504375.7	5410187.6
L4375.0	504375.7	5410187.6	66432.79688	318.77	0	48.844645	-86.940361	55931.21	56234.9	15.05	55946.27	55986.24609	55937.36685	55957.22266	504375.7	5410187.6
L4375.0	504375.7	5410188.2	66432.89844	318.63	0	48.844649	-86.940361	55932.00	56234.9	15.05	55947.05	55986.72656	55939.95339	55959.79688	504375.7	5410188.2
L4375.0	504375.7	5410188.5	66433.00000	320.01	0	48.844652	-86.940361	55932.66	56234.9	15.05	55947.71	55987.08594	55940.59844	55960.43359	504375.7	5410188.5
L4375.0	504375.7	5410189.0	66433.10156	320.93	0	48.844657	-86.940361	55933.57	56234.9	15.05	55948.62	55987.69531	55946.08793	55965.92188	504375.7	5410189.0
L4375.0	504375.7	5410189.0	66433.20313	320.69	0	48.844657	-86.940361	55934.48	56234.9	15.05	55949.53	55988.30859	55951.85982	55971.69141	504375.7	5410189.0
L4375.0	504375.7	5410189.3	66433.29688	319.31	0	48.844660	-86.940361	55935.34	56234.9	15.05	55950.39	55988.87500	55956.99415	55976.82422	504375.7	5410189.3
L4375.0	504375.7	5410189.3	66433.39844	320.02	0	48.844660	-86.940361	55936.20	56234.9	15.05	55951.25	55989.44141	55962.41856	55982.25000	504375.7	5410189.3
L4375.0	504375.7	5410189.7	66433.50000	319.50	0	48.844664	-86.940361	55937.21	56234.9	15.06	55952.26	55990.16016	55970.93734	55990.77734	504375.7	5410189.7
L4375.0	504375.7	5410190.0	66433.60156	321.86	0	48.844666	-86.940361	55937.76	56234.9	15.06	55952.82	55990.42969	55971.36871	55991.21484	504375.7	5410190.0
L4375.0	504375.7	5410190.2	66433.70313	320.97	0	48.844668	-86.940361	55938.22	56234.9	15.06	55953.28	55990.60156	55970.20530	55990.06250	504375.7	5410190.2
L4375.0	504375.7	5410190.2	66433.79688	320.52	0	48.844668	-86.940361	55939.00	56234.9	15.06	55954.06	55991.09375	55975.34682	55995.21875	504375.7	5410190.2
L4375.0	504375.7	5410190.6	66433.89844	322.04	0	48.844672	-86.940361	55939.46	56234.9	15.06	55954.52	55991.26563	55974.76365	55994.65234	504375.7	5410190.6
L4375.0	504375.7	5410190.6	66434.00000	320.54	0	48.844672	-86.940361	55940.12	56234.9	15.06	55955.18	55991.64453	55978.27050	55998.17969	504375.7	5410190.6
L4375.0	504375.7	5410190.9	66434.10156	317.07	0	48.844674	-86.940362	55940.50	56234.9	15.06	55955.56	55991.74219	55976.75444	55996.68359	504375.7	5410190.9
L4375.0	504375.7	5410191.1	66434.20313	319.00	0	48.844676	-86.940362	55940.88	56234.9	15.06	55955.94	55991.83984	55975.51830	55995.47266	504375.7	5410191.1
L4375.0	504375.7	5410191.3	66434.29688	318.77	0	48.844678	-86.940362	55941.43	56234.9	15.06	55956.50	55992.12109	55978.04666	55998.02734	504375.7	5410191.3
L4375.0	504375.7	5410191.3	66434.39844	317.50	0	48.844678	-86.940362	55942.06	56234.9	15.06	55957.13	55992.47266	55982.26891	56002.28125	504375.7	5410191.3
L4375.0	504375.7	5410191.4	66434.50000	320.78	0	48.844679	-86.940362	55942.12	56234.9	15.07	55957.19	55992.25391	55975.67140	55995.71875	504375.7	5410191.4
L4375.0	504375.7	5410191.6	66434.60156	319.26	0	48.844681	-86.940362	55942.65	56234.9	15.07	55957.71	55992.50000	55978.36100	55998.44141	504375.7	5410191.6

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4375.0	504375.7	5410191.6	66434.70313	319.64	0	48.844681	-86.940362	55942.82	56234.9	15.07	55957.89	55992.40625	55974.61660	55994.73828	504375.7	5410191.6
L4375.0	504375.7	5410191.7	66434.79688	321.01	0	48.844682	-86.940362	55943.18	56234.9	15.07	55958.25	55992.49609	55974.71505	55994.87500	504375.7	5410191.7
L4375.0	504375.7	5410191.9	66434.89844	321.62	0	48.844683	-86.940361	55943.48	56234.9	15.07	55958.55	55992.52344	55973.88669	55994.08984	504375.7	5410191.9
L4375.0	504375.7	5410191.9	66435.00000	322.51	0	48.844684	-86.940361	55943.56	56234.9	15.07	55958.63	55992.33594	55968.83384	55989.08203	504375.7	5410191.9
L4375.0	504375.7	5410191.9	66435.10156	323.42	0	48.844684	-86.940361	55944.09	56234.9	15.07	55959.16	55992.59766	55973.23252	55993.53125	504375.7	5410191.9
L4375.0	504375.7	5410192.0	66435.20313	322.80	0	48.844684	-86.940361	55943.96	56234.9	15.07	55959.03	55992.20313	55964.27204	55984.62109	504375.7	5410192.0
L4375.0	504375.7	5410192.1	66435.29688	323.12	0	48.844685	-86.940361	55944.19	56234.9	15.07	55959.26	55992.16797	55962.95953	55983.36328	504375.7	5410192.1
L4375.0	504375.7	5410192.1	66435.39844	323.55	0	48.844685	-86.940361	55944.16	56234.9	15.07	55959.23	55991.87500	55956.40097	55976.85938	504375.7	5410192.1
L4375.0	504375.7	5410192.1	66435.50000	324.17	0	48.844685	-86.940361	55944.24	56234.9	15.07	55959.31	55991.69141	55952.33627	55972.85156	504375.7	5410192.1
L4375.0	504375.7	5410192.1	66435.60156	323.49	0	48.844685	-86.940361	55944.59	56234.9	15.07	55959.66	55991.78125	55954.23283	55974.80859	504375.7	5410192.1
L4375.0	504375.7	5410192.1	66435.70313	322.04	0	48.844685	-86.940361	55944.77	56234.9	15.07	55959.84	55991.69922	55952.74246	55973.38281	504375.7	5410192.1
L4375.0	504375.7	5410192.2	66435.79688	324.80	0	48.844686	-86.940361	55944.88	56234.9	15.07	55959.95	55991.55078	55949.96547	55970.66797	504375.7	5410192.2
L4375.0	504375.7	5410192.2	66435.89844	326.96	0	48.844686	-86.940361	55944.80	56234.9	15.07	55959.87	55991.21484	55943.30423	55964.07422	504375.7	5410192.2
L4375.0	504375.7	5410192.3	66436.00000	326.53	0	48.844686	-86.940360	55944.97	56234.9	15.07	55960.04	55991.12891	55942.24168	55963.07813	504375.7	5410192.3
L4375.0	504375.8	5410192.3	66436.10156	325.22	0	48.844687	-86.940360	55944.85	56234.9	15.07	55959.92	55990.75391	55935.14241	55956.05078	504375.8	5410192.3
L4375.0	504375.8	5410192.3	66436.20313	325.45	0	48.844687	-86.940360	55945.10	56234.9	15.07	55960.17	55990.75391	55936.22287	55957.20313	504375.8	5410192.3
L4375.0	504375.8	5410192.4	66436.29688	324.14	0	48.844688	-86.940360	55945.43	56234.9	15.07	55960.50	55990.82813	55939.19578	55960.25000	504375.8	5410192.4
L4375.0	504375.8	5410192.6	66436.39844	321.38	0	48.844690	-86.940360	55945.53	56234.9	15.07	55960.60	55990.67969	55937.40262	55958.53125	504375.8	5410192.6
L4375.0	504375.8	5410192.7	66436.50000	322.80	0	48.844690	-86.940360	55945.48	56234.9	15.07	55960.55	55990.37891	55932.59040	55953.79688	504375.8	5410192.7
L4375.0	504375.8	5410192.7	66436.60156	323.86	0	48.844690	-86.940360	55945.43	56234.9	15.07	55960.50	55990.08203	55927.96033	55949.24609	504375.8	5410192.7
L4375.0	504375.8	5410192.9	66436.70313	323.46	0	48.844692	-86.940359	55945.91	56234.9	15.07	55960.98	55990.31250	55934.60489	55955.97266	504375.8	5410192.9
L4375.0	504375.8	5410193.0	66436.79688	321.31	0	48.844693	-86.940359	55945.93	56234.9	15.07	55961.00	55990.08594	55931.66170	55953.10938	504375.8	5410193.0
L4375.0	504375.9	5410193.3	66436.89844	319.95	0	48.844696	-86.940359	55946.01	56234.9	15.07	55961.08	55989.92188	55930.05296	55951.58594	504375.9	5410193.3
L4375.0	504375.9	5410193.3	66437.00000	321.49	0	48.844696	-86.940359	55945.96	56234.9	15.07	55961.03	55989.62500	55925.81593	55947.43359	504375.9	5410193.3
L4375.0	504375.9	5410193.6	66437.10156	322.45	0	48.844698	-86.940359	55946.16	56234.9	15.07	55961.23	55989.58203	55926.75226	55948.45313	504375.9	5410193.6
L4375.0	504375.9	5410193.8	66437.20313	320.83	0	48.844700	-86.940358	55946.26	56234.9	15.07	55961.33	55989.44141	55925.61509	55947.40234	504375.9	5410193.8
L4375.0	504375.9	5410193.8	66437.29688	320.79	0	48.844700	-86.940358	55946.29	56234.9	15.06	55961.35	55989.21875	55922.80396	55944.67969	504375.9	5410193.8
L4375.0	504375.9	5410194.2	66437.39844	320.92	0	48.844703	-86.940358	55946.42	56234.9	15.06	55961.48	55989.10938	55922.16230	55944.12500	504375.9	5410194.2
L4375.0	504375.9	5410194.2	66437.50000	319.54	0	48.844703	-86.940358	55946.59	56234.9	15.06	55961.65	55989.03906	55922.23033	55944.28125	504375.9	5410194.2
L4375.0	504375.9	5410194.5	66437.60156	316.68	0	48.844706	-86.940358	55946.79	56234.9	15.06	55961.85	55989.00000	55922.78458	55944.92578	504375.9	5410194.5
L4375.0	504375.9	5410194.8	66437.70313	317.12	0	48.844709	-86.940358	55946.87	56234.9	15.06	55961.93	55988.83984	55920.72929	55942.96094	504375.9	5410194.8
L4375.0	504375.9	5410195.1	66437.79688	319.62	0	48.844712	-86.940358	55947.07	56234.9	15.05	55962.13	55988.80469	55920.96577	55943.28906	504375.9	5410195.1
L4375.0	504375.9	5410195.1	66437.89844	321.06	0	48.844712	-86.940358	55947.33	56234.9	15.05	55962.38	55988.81641	55922.07108	55944.48438	504375.9	5410195.1
L4375.0	504375.9	5410195.6	66438.00000	320.98	0	48.844716	-86.940358	55947.81	56234.9	15.05	55962.86	55989.06250	55927.87158	55950.37500	504375.9	5410195.6
L4375.0	504375.9	5410195.6	66438.10156	322.59	0	48.844716	-86.940358	55947.71	56234.9	15.05	55962.76	55988.72656	55921.19463	55943.78906	504375.9	5410195.6
L4375.0	504375.9	5410195.9	66438.20313	322.76	0	48.844720	-86.940358	55947.78	56234.9	15.06	55962.84	55988.57422	55918.03539	55940.72266	504375.9	5410195.9
L4375.0	504375.9	5410196.3	66438.29688	322.05	0	48.844722	-86.940358	55948.24	56234.9	15.06	55963.30	55988.80078	55922.98726	55945.76563	504375.9	5410196.3
L4375.0	504375.9	5410196.3	66438.39844	322.87	0	48.844722	-86.940358	55948.19	56234.9	15.06	55963.25	55988.51953	55916.46867	55939.33594	504375.9	5410196.3
L4375.0	504375.9	5410196.6	66438.50000	322.96	0	48.844726	-86.940358	55948.49	56234.9	15.07	55963.55	55988.58984	55917.56484	55940.52344	504375.9	5410196.6
L4375.0	504375.9	5410197.1	66438.60156	323.75	0	48.844730	-86.940358	55948.79	56234.9	15.07	55963.86	55988.66797	55918.77416	55941.82031	504375.9	5410197.1
L4375.0	504375.9	5410197.4	66438.70313	323.93	0	48.844732	-86.940358	55949.15	56234.9	15.07	55964.22	55988.79688	55921.04636	55944.18359	504375.9	5410197.4
L4375.0	504375.9	5410197.4	66438.79688	327.52	0	48.844732	-86.940358	55949.18	56234.9	15.07	55964.25	55988.59766	55915.38326	55938.60938	504375.9	5410197.4
L4375.0	504375.9	5410197.9	66438.89844	328.12	0	48.844737	-86.940358	55949.88	56234.9	15.08	55964.96	55989.07813	55925.78805	55949.10156	504375.9	5410197.9
L4375.0	504375.9	5410198.4	66439.00000	328.37	0	48.844741	-86.940358	55949.96	56234.9	15.08	55965.04	55988.93359	55920.97279	55944.37109	504375.9	5410198.4
L4375.0	504375.9	5410198.4	66439.10156	327.16	0	48.844741	-86.940358	55950.36	56234.9	15.08	55965.44	55989.10547	55923.73120	55947.21484	504375.9	5410198.4
L4375.0	504375.9	5410198.9	66439.20313	328.71	0	48.844746	-86.940358	55950.64	56234.9	15.07	55965.72	55989.16016	55923.42707	55946.99609	504375.9	5410198.9
L4375.0	504375.9	5410199.3	66439.29688	331.01	0	48.844750	-86.940359	55950.84	56234.9	15.07	55965.92	55989.13281	55921.01535	55944.66797	504375.9	5410199.3
L4375.0	504375.8	5410199.8	66439.39844	330.55	0	48.844755	-86.940359	55951.32	56234.9	15.07	55966.39	55989.37891	55925.01709	55948.75000	504375.8	5410199.8
L4375.0	504375.8	5410199.8	66439.50000	332.16	0	48.844755	-86.940359	55951.42	56234.9	15.07	55966.49	55989.25391	55919.88539	55943.69922	504375.8	5410199.8
L4375.0	504375.8	5410200.3	66439.50000	332.16	0	48.844759	-86.940359	55951.86	56234.9	15.07	55966.92	55989.46094	55922.57437	55946.46875	504375.8	5410200.3
L4375.0	504375.8	5410200.9	66439.60156	329.20	0	48.844764	-86.940359	55952.26	56234.9	15.06	55967.32	55989.63672	55924.33448	55948.30469	504375.8	5410200.9
L4375.0	504375.8	5410200.9	66439.70313	327.25	0	48.844764	-86.940359	55952.31	56234.9	15.06	55967.37	55989.46484	55917.72163	55941.76953	504375.8	5410200.9
L4375.0	504375.8	5410201.5	66439.79688	325.82	0	48.844770	-86.940360	55952.94	56234.9	15.06	55968.00	55989.87500	55924.43313	55948.55469	504375.8	5410201.5
L4375.0	504375.8	5410201.9	66439.89844	324.74	0	48.844773	-86.940360	55953.52	56234.9	15.05	55968.58	55990.23438	55929.60054	55953.79297	504375.8	5410201.9
L4375.0	504375.8	5410201.9	66440.00000	323.39	0	48.844773	-86.940360	55953.63	56234.9	15.05	55968.68	55990.11328	55923.78670	55948.04688	504375.8	5410201.9
L4375.0	504375.7	5410202.8	66440.10156	324.56	0	48.844781	-86.940361	55954.28	56234.9	15.05	55969.33	55990.54297	55929.86543	55954.19531	504375.7	5410202.8
L4375.0	504375.7	5410203.3	66440.20313	322.88	0	48.844786	-86.940361	55954.59	56234.9	15.05	55969.64	55990.63281	55928.28089	55952.67578	504375.7	5410203.3
L4375.0	504375.7	5410203.3	66440.39844	319.19	0	48.844786	-86.940361	55955.17	56234.9	15.06	55970.23	55991.00781	55932.30222	55956.75781	504375.7	5410203.3
L4375.0	504375.7	5410204.1	66440.50000	315.92	0	48.844793	-86.940361	55955.50	56234.9	15.06	55970.56	55991.11719	55930.63353	55955.14844	504375.7	5410204.1
L4375.0	504375.6	5410204.6	66440.60156	314.54	0	48.844798	-86.940362	55956.00	56234.9	15.06	55971.07	55991.41406	55932.31562	55956.89063	504375.6	5410204.6
L4375.0	504375.6	5410205.3	66440.70313	314.84	0	48.844804	-86.940362	55956.13	56234.9	15.06	55971.20	55991.32813	55926.23542	55950.86328	504375.6	5410205.3
L4375.0	504375.6	5410205.3	66440.79688	315.68	0	48.844804	-86.940362	55956.76	56234.9	15.07	55971.83	55991.74219	55929.58730	55954.26953	504375.6	5410205.3
L4375.0	504375.6	5410206.0	66440.89844	316.79	0	48.844810	-86.940362	55957.32	56234.9	15.07	55972.39	55992.08594	55931.15496	55955.88281	504375.6	5410206.0
L4375.0	504375.6	5410206.6	66441.00000	316.55	0	48.844816	-86.940363	55958.20	56234.9	15.07	55973.27	55992.75391	55938.27912	55963.05469	504375.6	5410206.6
L4375.0	504375.6	5410207.3	66441.10156	317.11	0	48.844822	-86.940363	55958.54	56234.9	15.07	55973.61	55992.87891	55934.86174	55959.67969	504375.6	5410207.3
L4375.0	504375.6	5410207.3	66441.20313	317.75	0	48.844822	-86.940363	55959.16	56234.9	15.07	55974.23	55993.28906	55936.25327	55961.11328	504375.6	5410207.3
L4375.0	504375.5	5410207.9	66441.29688	318.41	0	48.844827	-86.940363	55959.85	56234.9	15.07	55974.92	55993.76563	55938.55469	55963.44922	504375.5	5410207.9
L4375.0	504375.5	5410208.7	66441.39844	319.10	0	48.844835	-86.940363	55960.56	56234.9	15.07	55975.63	55994.26563	55940.87335	55965.80469	504375.5	5410208.7
L4375.0	504375.5	5410209.4	66441.50000	317.39	0	48.844840	-86.940363	55960.71	56234.9	15.07	55975.78	55994.20703	55932.37727	55957.33594	504375.5	5410209.4
L4375.0	504375.5	5410209.4	66441.60156	317.65	0	48.844840	-86.940363	55961.41	56234.9	15.07	55976.48	55994.69922	55933.80763	55958.79297	504375.5	5410209.4
L4375.0	504375.5	5410210.4	66441.70313	317.36	0	48.844849	-86.940363	55962.05	56234.9	15.07	55977.12	55995.12891	55933.80109	55958.81250	504375.5	5410210.4
L4375.0	504375.5	5410210.4	66441.79688	318.08	0	48.844849	-86.940363	55962.86	56234.9	15.07	55977.93	55995.73438	55936.75844	55961.78906	504375.5	5410210.4
L4375.0	504375.5	5410211.1	66441.89844	318.82	0	48.844856	-86.940363	55963.29	56234.9	15.07	55978.36	55995.95703	55932.12103	55957.16797	504375.5	5410211.1
L4375.0	504375.5	5410211.9	66442.00000	321.25	0	48.844863	-86.940363	55964.10	56234.9	15.07	55979.17	55996.56250	55934.56232	55959.62109	504375.5	5410211.9
L4375.0	504375.5	5410212.5	66442.10156	322.67	0	48.844869	-86.940363	55964.91	56234.9	15.07	55979.98	55997.16797	55936.79329	55961.85938	504375.5	5410212.5
L4375.0	504375.5	5410212.5	66442.20313	324.23	0	48.844869	-86.940363	55965.48	56234.9	15.07	55980.55	55997.53516	55934.05128	55959.12109	504375.5	5410212.5
L4375.0	504375.5	5410213.3	66442.29688	324.71	0	48.844876	-86.940363	55966.35	56234.9	15.07	55981.41	55998.19531	55936.84780	55961.91797	504375.5	5410213.3
L4375.0	504375.5	5410214.1	66442.39844	323.71	0	48.844883	-86.940363	55967.18	56234.9	15.07	55982.25	55998.83203	55939.05482	55964.12500	504375.5	5410214.1
L4375.0	504375.5	5410215.0	66442.50000	324.08	0	48.844891	-86.940363	55967.56	56234.9	15.06	55982.63	55999.01172	55931.78572	55956.84766	504375.5	5410215.0
L4375.0	504375.5	5410215.0	66442.60156	323.63	0	48.844891	-86.940363	55968.81	56234.9	15.06	55983.87	56000.05469	55941.66209	55966.71484	504375.5	5410215.0
L4375.0	504375.5	5410216.0	66442.70313	321.52	0	48.844900	-86.940363	55969.28	56234.9	15.06	55984.34	56000.32422	55935.76909	55960.80469	504375.5	5410216.0
L4375.0	504375.5	5410216.7	66442.79688	320.24	0	48.844907	-86.940364	55970.20	56234.9	15.06	55985.26	56001.05078	55938.76870	55963.78516	504375.5	5410216.7
L4375.0	504375.5	5410216.7	66442.89844	319.80	0	48.844907	-86.940364	55971.11	56234.9	15.06	55986.17	56001.76563	55941.34293	55966.33594	504375.5	5410216.7
L4375.0	504375.5	5410217.8	66443.00000	319.22	0	48.844916	-86.940364	55972.04	56234.9	15.06	55987.10	56002.50000	55944.08601	55969.05078	504375.5	5410217.8
L4375.0	504375.5	5410218.9	66443.10156	322.19	0	48.844926	-86.940364	55972.95	56234.9	15.06	55988.01	56003.21875	55946.17920	55971.11328	504375.5	5410218.9
L4375.0	504375.5	5410219.9	66443.20313	321.03	0	48.844935	-86.940364	55973.68	56234.9	15.06	55988.75	56003.76563	55944.60725	55969.50391	504375.5	5410219.9
L4375.0	504375.5	5410219.9	66443.29688	320.15	0	48.844935	-86.940364	55974.54	56234.9	15.07	55989.61	56004.43359	55945.19678	55970.05078	504375.5	5410219.9
L4375.0	504375.5	5410221.0	66443.39844	320.21	0	48.844945	-86.940364	55975.48	56234.9	15.07	55990.54	56005.17578	55946.92339	55971.73438	504375.5	5410221.0
L4375.0	504375.4	5410222.2	66443.50000	320.48	0	48.844956	-86.940364	55976.41	56234.9	15.07	55991.48	56005.92969	55948.57690	55973.33984	504375.4	5410222.2
L4375.0	504375.4	5410222.2	66443.60156	320.48	0	48.844956	-86.940364	55977.53	56234.9	15.07	55992.60	56006.86328	55953.52156	55978.23047	504375.4	5410222.2
L4375.0	504375.4	5410223.3	66443.70313	318.50	0	48.844966	-86.940364	55978.49	56234.9	15.07	55993.56	56007.63672	55954.99917	55979.64844	504375.4	5410223.3
L4375.0	504375.4	5410224.2	66443.79688	318.62	0	48.844974	-86.940364	55979.48	56234.9	15.08	55994.55	56008.44531	55956.77945	55981.36719	504375.4	5410224.2
L4375.0	504375.4	5410224.2	66443.89844	321.00	0	48.844974	-86.940364	55980.23	56234.9	15.08	55995.31	56009.02344	55953.71928	55978.24219	504375.4	5410224.2

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4375.0	504375.4	5410225.4	66444.00000	320.51	0	48.844984	-86.940364	55981.17	56234.9	15.08	55996.25	56009.78125	55953.91239	55978.36328	504375.4	5410225.4
L4375.0	504375.4	5410226.5	66444.10156	319.84	0	48.844994	-86.940364	55982.23	56234.9	15.08	55997.31	56010.66406	55956.16977	55980.54688	504375.4	5410226.5
L4375.0	504375.4	5410227.7	66444.20313	320.33	0	48.845005	-86.940364	55983.12	56234.9	15.08	55998.20	56011.37500	55954.75137	55979.04688	504375.4	5410227.7
L4375.0	504375.4	5410228.7	66444.29688	321.61	0	48.845014	-86.940364	55984.21	56234.9	15.08	55999.29	56012.28906	55957.00542	55981.21484	504375.4	5410228.7
L4375.0	504375.4	5410228.7	66444.39844	323.87	0	48.845014	-86.940364	55985.24	56234.9	15.08	56000.32	56013.14453	55957.77039	55981.89063	504375.4	5410228.7
L4375.0	504375.5	5410229.8	66444.50000	321.83	0	48.845024	-86.940364	55986.34	56234.9	15.08	56001.42	56014.07422	55959.65136	55983.67969	504375.5	5410229.8
L4375.0	504375.5	5410229.8	66444.60156	322.65	0	48.845024	-86.940364	55987.57	56234.9	15.08	56002.65	56015.13281	55963.89258	55987.82422	504375.5	5410229.8
L4375.0	504375.5	5410231.0	66444.70313	323.41	0	48.845035	-86.940363	55988.51	56234.9	15.08	56003.59	56015.90234	55961.96913	55985.80078	504375.5	5410231.0
L4375.0	504375.5	5410232.2	66444.79688	321.62	0	48.845046	-86.940363	55989.95	56234.9	15.08	56005.03	56017.17578	55970.01685	55993.74219	504375.5	5410232.2
L4375.0	504375.5	5410233.4	66444.89844	319.88	0	48.845056	-86.940363	55990.84	56234.9	15.08	56005.92	56017.90234	55966.49408	55990.10938	504375.5	5410233.4
L4375.0	504375.5	5410233.4	66445.00000	320.10	0	48.845056	-86.940363	55991.92	56234.9	15.08	56007.00	56018.81641	55966.60549	55990.10547	504375.5	5410233.4
L4375.0	504375.5	5410234.6	66445.10156	320.13	0	48.845067	-86.940363	55993.11	56234.9	15.08	56008.19	56019.84375	55968.75355	55992.13672	504375.5	5410234.6
L4375.0	504375.6	5410235.7	66445.20313	320.33	0	48.845077	-86.940362	55994.27	56234.9	15.08	56009.35	56020.84375	55970.02147	55993.28125	504375.6	5410235.7
L4375.0	504375.6	5410235.7	66445.29688	322.89	0	48.845077	-86.940362	55995.32	56234.9	15.08	56010.40	56021.73438	55968.68989	55991.82031	504375.6	5410235.7
L4375.0	504375.6	5410236.7	66445.39844	323.80	0	48.845086	-86.940362	55996.55	56234.9	15.08	56011.63	56022.80859	55970.93947	55993.94141	504375.6	5410236.7
L4375.0	504375.6	5410237.8	66445.50000	323.89	0	48.845096	-86.940362	55997.74	56234.9	15.08	56012.82	56023.84375	55972.09140	55994.95703	504375.6	5410237.8
L4375.0	504375.6	5410237.8	66445.60156	323.89	0	48.845096	-86.940362	55999.18	56234.9	15.08	56014.26	56025.13281	55978.42591	56001.15234	504375.6	5410237.8
L4375.0	504375.6	5410239.2	66445.70313	324.83	0	48.845108	-86.940362	56000.27	56234.9	15.08	56015.35	56026.07031	55976.93385	55999.51953	504375.6	5410239.2
L4375.0	504375.6	5410240.3	66445.79688	323.62	0	48.845119	-86.940362	56001.91	56234.9	15.08	56016.99	56027.56250	55987.21936	56009.65625	504375.6	5410240.3
L4375.0	504375.6	5410240.3	66445.89844	324.53	0	48.845119	-86.940362	56002.72	56234.9	15.08	56017.80	56028.22656	55979.09177	56001.37891	504375.6	5410240.3
L4375.0	504375.6	5410241.8	66446.00000	323.74	0	48.845132	-86.940362	56003.96	56234.9	15.08	56019.04	56029.32031	55980.14118	56002.27734	504375.6	5410241.8
L4375.0	504375.6	5410242.9	66446.10156	323.53	0	48.845142	-86.940362	56005.02	56234.9	15.08	56020.10	56030.23828	55976.98284	55998.96094	504375.6	5410242.9
L4375.0	504375.6	5410242.9	66446.20313	325.89	0	48.845142	-86.940362	56006.54	56234.9	15.08	56021.62	56031.61719	55983.74237	56005.55859	504375.6	5410242.9
L4375.0	504375.6	5410244.2	66446.29688	325.87	0	48.845153	-86.940362	56007.75	56234.9	15.08	56022.83	56032.68750	55983.42790	56005.08203	504375.6	5410244.2
L4375.0	504375.6	5410245.8	66446.39844	324.46	0	48.845168	-86.940362	56009.13	56234.9	15.08	56024.20	56033.92188	55986.42053	56007.90625	504375.6	5410245.8
L4375.0	504375.6	5410247.1	66446.50000	325.30	0	48.845179	-86.940362	56010.48	56234.9	15.07	56025.56	56035.14844	55988.96510	56010.28125	504375.6	5410247.1
L4375.0	504375.6	5410247.1	66446.60156	326.04	0	48.845179	-86.940362	56011.58	56234.9	15.07	56026.65	56036.10547	55985.33514	56006.47656	504375.6	5410247.1
L4375.0	504375.6	5410248.0	66446.70313	323.83	0	48.845188	-86.940362	56012.96	56234.9	15.07	56028.04	56037.36719	55988.09992	56009.06250	504375.6	5410248.0
L4375.0	504375.6	5410248.0	66446.79688	322.57	0	48.845188	-86.940362	56014.38	56234.9	15.07	56029.46	56038.65625	55991.29736	56012.08203	504375.6	5410248.0
L4375.0	504375.6	5410249.1	66446.89844	322.23	0	48.845198	-86.940361	56015.88	56234.9	15.07	56030.95	56040.01953	55995.79465	56016.39453	504375.6	5410249.1
L4375.0	504375.6	5410250.3	66447.00000	322.12	0	48.845209	-86.940361	56017.24	56234.9	15.07	56032.31	56041.25781	55997.22638	56017.64063	504375.6	5410250.3
L4375.0	504375.6	5410251.5	66447.10156	323.01	0	48.845220	-86.940361	56018.58	56234.9	15.07	56033.65	56042.47656	55998.01121	56018.23828	504375.6	5410251.5
L4375.0	504375.7	5410252.7	66447.20313	324.76	0	48.845230	-86.940361	56020.00	56234.9	15.07	56035.07	56043.77344	56000.31381	56020.35156	504375.7	5410252.7
L4375.0	504375.7	5410252.7	66447.29688	323.91	0	48.845230	-86.940361	56021.48	56234.9	15.07	56036.56	56045.14844	56003.89954	56023.74219	504375.7	5410252.7
L4375.0	504375.7	5410253.9	66447.39844	322.64	0	48.845241	-86.940361	56022.96	56234.9	15.07	56038.03	56046.50000	56006.83065	56026.47656	504375.7	5410253.9
L4375.0	504375.7	5410255.3	66447.50000	322.51	0	48.845253	-86.940361	56024.35	56234.9	15.07	56039.43	56047.78906	56008.05734	56027.50781	504375.7	5410255.3
L4375.0	504375.7	5410256.7	66447.60156	322.51	0	48.845266	-86.940361	56025.82	56234.9	15.08	56040.90	56049.14453	56010.56293	56029.81250	504375.7	5410256.7
L4375.0	504375.7	5410256.7	66447.70313	322.78	0	48.845266	-86.940361	56027.18	56234.9	15.08	56042.26	56050.39844	56010.55017	56029.59766	504375.7	5410256.7
L4375.0	504375.7	5410257.9	66447.79688	321.63	0	48.845277	-86.940361	56028.83	56234.9	15.08	56043.91	56051.94141	56016.42027	56035.26172	504375.7	5410257.9
L4375.0	504375.7	5410259.3	66447.89844	322.33	0	48.845290	-86.940360	56030.04	56234.9	15.08	56045.12	56053.04297	56012.90930	56031.54297	504375.7	5410259.3
L4375.0	504375.7	5410259.3	66448.00000	321.50	0	48.845290	-86.940360	56031.66	56234.9	15.08	56046.74	56054.56250	56017.75279	56036.17969	504375.7	5410259.3
L4375.0	504375.7	5410260.7	66448.10156	321.79	0	48.845302	-86.940360	56032.95	56234.9	15.08	56048.03	56055.75000	56015.58939	56033.80859	504375.7	5410260.7
L4375.0	504375.7	5410262.0	66448.20313	321.15	0	48.845314	-86.940360	56034.67	56234.9	15.08	56049.75	56057.37109	56022.11381	56040.12109	504375.7	5410262.0
L4375.0	504375.7	5410262.0	66448.29688	322.81	0	48.845314	-86.940360	56036.54	56234.9	15.08	56051.62	56059.14453	56031.49636	56049.28906	504375.7	5410262.0
L4375.0	504375.7	5410263.2	66448.39844	321.46	0	48.845325	-86.940360	56037.96	56234.9	15.08	56053.04	56060.46875	56031.50088	56049.08203	504375.7	5410263.2
L4375.0	504375.7	5410264.5	66448.50000	322.01	0	48.845336	-86.940360	56039.42	56234.9	15.08	56054.50	56061.83594	56032.17716	56049.54297	504375.7	5410264.5
L4375.0	504375.7	5410265.8	66448.60156	323.56	0	48.845348	-86.940360	56040.69	56234.9	15.08	56055.77	56063.01563	56028.87988	56046.03125	504375.7	5410265.8
L4375.0	504375.7	5410265.8	66448.70313	323.34	0	48.845348	-86.940360	56042.74	56234.9	15.08	56057.82	56064.97656	56041.15685	56058.08984	504375.7	5410265.8
L4375.0	504375.7	5410267.8	66448.79688	323.44	0	48.845366	-86.940360	56044.13	56234.9	15.08	56059.21	56066.28125	56039.99936	56056.71484	504375.7	5410267.8
L4375.0	504375.7	5410268.9	66448.89844	321.28	0	48.845376	-86.940360	56045.52	56234.9	15.08	56060.60	56067.58594	56038.72827	56055.22656	504375.7	5410268.9
L4375.0	504375.7	5410268.9	66449.00000	321.40	0	48.845376	-86.940360	56047.27	56234.9	15.08	56062.35	56069.25000	56044.51546	56060.79297	504375.7	5410268.9
L4375.0	504375.7	5410270.4	66449.10156	319.21	0	48.845389	-86.940360	56048.61	56234.9	15.08	56063.69	56070.51172	56042.01453	56058.07422	504375.7	5410270.4
L4375.0	504375.7	5410271.4	66449.20313	320.30	0	48.845398	-86.940360	56050.07	56234.9	15.09	56065.16	56071.90234	56041.99069	56057.83203	504375.7	5410271.4
L4375.0	504375.7	5410272.8	66449.29688	320.19	0	48.845411	-86.940360	56051.52	56234.9	15.09	56066.61	56073.27344	56041.46166	56057.07813	504375.7	5410272.8
L4375.0	504375.7	5410272.8	66449.39844	320.34	0	48.845411	-86.940360	56053.54	56234.9	15.09	56068.63	56075.21875	56052.09933	56067.49609	504375.7	5410272.8
L4375.0	504375.7	5410274.3	66449.50000	320.40	0	48.845424	-86.940360	56054.91	56234.9	15.10	56070.00	56076.51172	56049.77224	56064.94922	504375.7	5410274.3
L4375.0	504375.7	5410275.3	66449.60156	318.96	0	48.845434	-86.940360	56056.52	56234.9	15.10	56071.62	56078.06250	56052.29068	56067.25000	504375.7	5410275.3
L4375.0	504375.7	5410276.7	66449.70313	320.04	0	48.845446	-86.940359	56058.12	56234.9	15.10	56073.22	56079.58984	56054.32028	56069.05859	504375.7	5410276.7
L4375.0	504375.7	5410276.7	66449.79688	320.81	0	48.845446	-86.940359	56059.71	56234.9	15.10	56074.82	56081.12109	56056.26221	56070.77734	504375.7	5410276.7
L4375.0	504375.8	5410278.1	66449.89844	320.20	0	48.845459	-86.940359	56061.64	56234.9	15.11	56076.75	56082.98438	56064.67625	56078.97266	504375.8	5410278.1
L4375.0	504375.8	5410279.6	66450.00000	320.83	0	48.845473	-86.940359	56063.20	56234.9	15.11	56078.31	56084.48047	56065.68247	56079.76172	504375.8	5410279.6
L4375.0	504375.8	5410279.6	66450.10156	318.91	0	48.845473	-86.940359	56064.68	56234.9	15.11	56079.78	56085.88672	56064.82089	56078.67969	504375.8	5410279.6
L4375.0	504375.8	5410281.1	66450.20313	319.82	0	48.845485	-86.940359	56066.36	56234.9	15.11	56081.47	56087.51172	56068.29045	56081.92969	504375.8	5410281.1
L4375.0	504375.8	5410282.4	66450.29688	322.07	0	48.845497	-86.940359	56068.34	56234.9	15.10	56083.44	56089.42188	56077.35223	56090.77344	504375.8	5410282.4
L4375.0	504375.8	5410283.6	66450.39844	320.96	0	48.845508	-86.940359	56069.50	56234.9	15.10	56084.60	56090.52344	56070.06565	56083.26953	504375.8	5410283.6
L4375.0	504375.8	5410283.6	66450.50000	321.40	0	48.845508	-86.940359	56071.18	56234.9	15.10	56086.28	56092.14453	56073.21175	56086.19922	504375.8	5410283.6
L4375.0	504375.8	5410285.2	66450.60156	320.71	0	48.845523	-86.940359	56072.96	56234.9	15.10	56088.06	56093.86719	56078.37268	56091.14453	504375.8	5410285.2
L4375.0	504375.8	5410286.6	66450.70313	322.48	0	48.845535	-86.940359	56074.66	56234.9	15.10	56089.76	56095.51172	56081.89887	56094.45703	504375.8	5410286.6
L4375.0	504375.8	5410288.0	66450.79688	324.51	0	48.845547	-86.940359	56076.15	56234.9	15.09	56091.25	56096.94922	56081.10784	56093.44922	504375.8	5410288.0
L4375.0	504375.8	5410288.0	66450.89844	324.83	0	48.845547	-86.940359	56077.95	56234.9	15.09	56093.04	56098.68750	56086.46323	56098.59375	504375.8	5410288.0
L4375.0	504375.8	5410289.5	66451.00000	322.96	0	48.845561	-86.940359	56079.62	56234.9	15.09	56094.71	56100.30469	56089.35331	56101.26953	504375.8	5410289.5
L4375.0	504375.8	5410289.5	66451.10156	322.44	0	48.845561	-86.940359	56081.02	56234.9	15.09	56096.11	56101.65625	56086.65307	56098.35938	504375.8	5410289.5
L4375.0	504375.8	5410291.0	66451.20313	323.07	0	48.845575	-86.940359	56082.98	56234.9	15.10	56098.08	56103.57813	56095.76493	56107.26172	504375.8	5410291.0
L4375.0	504375.8	5410292.3	66451.29688	322.73	0	48.845586	-86.940359	56084.42	56234.9	15.10	56099.52	56104.96875	56093.89092	56105.17969	504375.8	5410292.3
L4375.0	504375.8	5410293.5	66451.39844	321.91	0	48.845598	-86.940359	56085.94	56234.9	15.10	56101.04	56106.44141	56093.68286	56104.76563	504375.8	5410293.5
L4375.0	504375.8	5410295.1	66451.50000	323.59	0	48.845611	-86.940359	56087.54	56234.9	15.10	56102.64	56107.99609	56095.15351	56106.03125	504375.8	5410295.1
L4375.0	504375.8	5410295.1	66451.60156	323.59	0	48.845611	-86.940359	56089.63	56234.9	15.11	56104.74	56110.05078	56107.06174	56117.73438	504375.8	5410295.1
L4375.0	504375.8	5410296.6	66451.70313	322.57	0	48.845625	-86.940359	56090.95	56234.9	15.11	56106.06	56111.32813	56102.74635	56113.21484	504375.8	5410296.6
L4375.0	504375.8	5410297.7	66451.79688	322.20	0	48.845635	-86.940359	56092.85	56234.9	15.11	56107.97	56113.19531	56110.75081	56121.01953	504375.8	5410297.7
L4375.0	504375.8	5410297.7	66451.89844	322.89	0	48.845635	-86.940359	56094.32	56234.9	15.12	56109.43	56114.61328	56109.41530	56119.48438	504375.8	5410297.7
L4375.0	504375.7	5410299.3	66452.00000	322.35	0	48.845649	-86.940359	56095.78	56234.9	15.12	56110.90	56116.04297	56108.33077	56118.20313	504375.7	5410299.3
L4375.0	504375.7	5410300.6	66452.10156	321.89	0	48.845661	-86.940359	56097.25	56234.9	15.12	56112.37	56117.47266	56107.29593	56116.97266	504375.7	5410300.6
L4375.0	504375.7	5410302.5	66452.20313	320.49	0	48.845678	-86.940360	56099.36	56234.9	15.12	56114.48	56119.54297	56119.59526	56129.07813	504375.7	5410302.5
L4375.0	504375.7	5410303.6	66452.29688	320.86	0	48.845688	-86.940360	56101.12	56234.9	15.12	56116.24	56121.26563	56124.66600	56133.95703	504375.7	5410303.6
L4375.0	504375.7	5410303.6	66452.39844	320.79	0	48.845688	-86.940360	56102.11	56234.9	15.12	56117.23	56122.21875	56113.85816	56122.95703	504375.7	5410303.6
L4375.0	504375.7	5410304.7	66452.50000	322.64	0	48.845698	-86.940360	56104.18	56234.9	15.13	56119.31	56124.26172	56125.65867	56134.57031	504375.7	5410304.7
L4375.0	504375.7	5410306.4	66452.60156	322.98	0	48.845713	-86.940360	56105.37	56234.9	15.13	56120.49	56125.40625	56118.94255	56127.66797	504375.7	5410306.4
L4375.0	504375.7	5410306.4	66452.70313	319.66	0	48.845713	-86.940360	56107.34	56234.9	15.13	56122.47	56127.34766	56128.78477	56137.32813	504375.7	5410306.4
L4375.0	504375.6	5410308.0	66452.79688	321.86	0	48.845728	-86.940360	56109.02	56234.9	15.13	56124.14	56128.98438	56132.30847	56140.66797	504375.6	5410308.0
L4375.0	504375.6	5410308.0	66452.89844	324.45	0	48.845728	-86.940360	56110.48	56234.9	15.13	56125.61	56130.41797	56131.80668	56139.98438	504375.6	5410308.0
L4375.0	504375.6	5410309.8	66453.00000	322.93	0	48.845744	-86.940361	56112.20	56234.9	15.13	56127.32	56132.09375	56136.30971	56144.31250	504375.6	5410309.8
L4375.0	504375.6	5410311.4	66453.10156	322.09	0	48.845758	-86.940361	56113.72	56234.9	15.13	56128.85	56133.59375	56137.21488	56145.04297	504375.6	5410311.4
L4375.0	504375.6	5410311.4	66453.20313	323.63	0	48.845758	-86.940361	56115.10	56234.9	15.13	56130.23	56134.93750	56135.15363	56142.80859	504375.6	5410311.4

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4375.0	504375.6	5410313.4	66453.29688	323.55	0	48.845776	-86.940361	56116.94	56234.9	15.13	56132.07	56136.74609	56142.58005	56150.06250	504375.6	5410313.4
L4375.0	504375.6	5410314.8	66453.39844	322.02	0	48.845789	-86.940361	56118.26	56234.9	15.13	56133.40	56138.04297	56139.70587	56147.01953	504375.6	5410314.8
L4375.0	504375.6	5410315.9	66453.50000	321.01	0	48.845799	-86.940362	56119.86	56234.9	15.13	56135.00	56139.61328	56142.44234	56149.58984	504375.6	5410315.9
L4375.0	504375.6	5410315.9	66453.60156	321.01	0	48.845799	-86.940362	56121.74	56234.9	15.14	56136.87	56141.44922	56150.78140	56157.76563	504375.6	5410315.9
L4375.0	504375.5	5410317.5	66453.70313	321.63	0	48.845813	-86.940362	56122.90	56234.9	15.14	56138.03	56142.57813	56144.78654	56151.60938	504375.5	5410317.5
L4375.0	504375.5	5410318.8	66453.79688	322.71	0	48.845825	-86.940362	56124.56	56234.9	15.14	56139.70	56144.21875	56149.28455	56155.94922	504375.5	5410318.8
L4375.0	504375.5	5410318.8	66453.89844	321.65	0	48.845825	-86.940362	56126.11	56234.9	15.14	56141.25	56145.73828	56151.46217	56157.96875	504375.5	5410318.8
L4375.0	504375.5	5410320.4	66454.00000	321.69	0	48.845839	-86.940362	56127.70	56234.9	15.14	56142.84	56147.29688	56154.57776	56160.93359	504375.5	5410320.4
L4375.0	504375.5	5410322.2	66454.10156	321.04	0	48.845855	-86.940363	56128.99	56234.9	15.14	56144.13	56148.55469	56151.72182	56157.92578	504375.5	5410322.2
L4375.0	504375.5	5410322.2	66454.20313	321.35	0	48.845855	-86.940363	56130.64	56234.9	15.14	56145.78	56150.17578	56156.31944	56162.37500	504375.5	5410322.2
L4375.0	504375.4	5410323.8	66454.29688	320.19	0	48.845870	-86.940363	56132.34	56234.9	15.14	56147.48	56151.84766	56162.07644	56167.98438	504375.4	5410323.8
L4375.0	504375.4	5410325.0	66454.39844	320.82	0	48.845881	-86.940364	56133.65	56234.9	15.14	56148.79	56153.12500	56160.03219	56165.79688	504375.4	5410325.0
L4375.0	504375.4	5410325.0	66454.50000	320.67	0	48.845881	-86.940364	56135.22	56234.9	15.14	56150.36	56154.66797	56163.43274	56169.05469	504375.4	5410325.0
L4375.0	504375.3	5410327.4	66454.60156	322.96	0	48.845902	-86.940364	56136.63	56234.9	15.14	56151.77	56156.04688	56163.71279	56169.19922	504375.3	5410327.4
L4375.0	504375.3	5410328.4	66454.70313	322.26	0	48.845911	-86.940365	56138.25	56234.9	15.14	56153.39	56157.63672	56168.44593	56173.79297	504375.3	5410328.4
L4375.0	504375.3	5410329.8	66454.79688	322.89	0	48.845923	-86.940365	56139.56	56234.9	15.14	56154.70	56158.91797	56166.96888	56172.18359	504375.3	5410329.8
L4375.0	504375.3	5410329.8	66454.89844	320.92	0	48.845923	-86.940365	56141.32	56234.9	15.14	56156.46	56160.64844	56174.91430	56180.00000	504375.3	5410329.8
L4375.0	504375.2	5410331.4	66455.00000	322.25	0	48.845938	-86.940366	56142.42	56234.9	15.14	56157.56	56161.71875	56169.39337	56174.35156	504375.2	5410331.4
L4375.0	504375.2	5410331.4	66455.10156	320.56	0	48.845938	-86.940366	56144.16	56234.9	15.14	56159.31	56163.44141	56177.47929	56182.31250	504375.2	5410331.4
L4375.0	504375.2	5410333.3	66455.20313	321.86	0	48.845955	-86.940366	56145.59	56234.9	15.15	56160.73	56164.83203	56178.89205	56183.60156	504375.2	5410333.3
L4375.0	504375.2	5410334.8	66455.29688	322.31	0	48.845969	-86.940367	56146.68	56234.9	15.15	56161.83	56165.90234	56173.78434	56178.37109	504375.2	5410334.8
L4375.0	504375.1	5410336.5	66455.39844	323.35	0	48.845984	-86.940367	56148.42	56234.8	15.15	56163.57	56167.61328	56182.19400	56186.66406	504375.1	5410336.5
L4375.0	504375.1	5410336.5	66455.50000	323.73	0	48.845984	-86.940367	56149.82	56234.8	15.15	56164.97	56168.98438	56183.66724	56188.02344	504375.1	5410336.5
L4375.0	504375.1	5410337.6	66455.60156	323.26	0	48.845994	-86.940368	56151.25	56234.8	15.16	56166.41	56170.39453	56186.14259	56190.38672	504375.1	5410337.6
L4375.0	504375.1	5410337.6	66455.70313	322.29	0	48.845994	-86.940368	56152.43	56234.8	15.16	56167.60	56171.55469	56183.52387	56187.65625	504375.1	5410337.6
L4375.0	504375.1	5410339.2	66455.79688	321.41	0	48.846008	-86.940368	56154.07	56234.8	15.16	56169.23	56173.15625	56190.32875	56194.35547	504375.1	5410339.2
L4375.0	504375.0	5410341.2	66455.89844	322.83	0	48.846026	-86.940369	56155.24	56234.8	15.17	56170.41	56174.30469	56187.82116	56191.74219	504375.0	5410341.2
L4375.0	504375.0	5410341.2	66456.00000	323.53	0	48.846026	-86.940369	56156.92	56234.8	15.17	56172.09	56175.95703	56196.02467	56199.84375	504375.0	5410341.2
L4375.0	504375.0	5410342.7	66456.10156	325.73	0	48.846040	-86.940369	56157.96	56234.8	15.17	56173.13	56176.96875	56190.89364	56194.61328	504375.0	5410342.7
L4375.0	504374.9	5410344.1	66456.20313	324.30	0	48.846053	-86.940370	56159.37	56234.8	15.17	56174.54	56178.34766	56193.73939	56197.36328	504374.9	5410344.1
L4375.0	504374.9	5410345.5	66456.29688	324.33	0	48.846065	-86.940370	56160.82	56234.8	15.17	56175.99	56179.76953	56197.59950	56201.12891	504374.9	5410345.5
L4375.0	504374.9	5410345.5	66456.39844	322.33	0	48.846065	-86.940370	56162.18	56234.8	15.17	56177.35	56181.09766	56199.73149	56203.16797	504374.9	5410345.5
L4375.0	504374.9	5410347.4	66456.50000	323.20	0	48.846082	-86.940370	56163.37	56234.8	15.18	56178.55	56182.26953	56198.66378	56202.01172	504374.9	5410347.4
L4375.0	504374.9	5410348.8	66456.60156	321.49	0	48.846094	-86.940371	56164.91	56234.8	15.18	56180.08	56183.76953	56204.72322	56207.98047	504374.9	5410348.8
L4375.0	504374.9	5410348.8	66456.70313	321.49	0	48.846094	-86.940371	56166.03	56234.8	15.18	56181.20	56184.85938	56202.32504	56205.50000	504374.9	5410348.8
L4375.0	504374.9	5410350.1	66456.79688	321.68	0	48.846106	-86.940371	56167.27	56234.8	15.18	56182.45	56186.08203	56202.84534	56205.93359	504374.9	5410350.1
L4375.0	504374.9	5410351.3	66456.89844	320.44	0	48.846117	-86.940371	56168.81	56234.8	15.18	56183.99	56187.58984	56209.64139	56212.65234	504374.9	5410351.3
L4375.0	504374.8	5410352.9	66457.00000	321.20	0	48.846132	-86.940371	56169.79	56234.8	15.18	56184.97	56188.54297	56204.85283	56207.78516	504374.8	5410352.9
L4375.0	504374.8	5410352.9	66457.10156	322.71	0	48.846132	-86.940371	56171.07	56234.8	15.18	56186.24	56189.78125	56206.34063	56209.19531	504374.8	5410352.9
L4375.0	504374.8	5410354.4	66457.20313	323.15	0	48.846145	-86.940371	56172.44	56234.8	15.18	56187.62	56191.13281	56210.32240	56213.10156	504374.8	5410354.4
L4375.0	504374.8	5410355.8	66457.29688	322.30	0	48.846158	-86.940371	56173.82	56234.8	15.18	56188.99	56192.47266	56214.28081	56216.98828	504374.8	5410355.8
L4375.0	504374.8	5410357.2	66457.39844	322.64	0	48.846171	-86.940371	56174.73	56234.8	15.18	56189.90	56193.35156	56208.75739	56211.39453	504374.8	5410357.2
L4375.0	504374.8	5410357.2	66457.50000	322.49	0	48.846171	-86.940371	56176.00	56234.8	15.17	56191.17	56194.59375	56210.98160	56213.55078	504374.8	5410357.2
L4375.0	504374.8	5410359.1	66457.60156	322.01	0	48.846188	-86.940372	56177.38	56234.8	15.17	56192.56	56195.95313	56215.91763	56218.42188	504374.8	5410359.1
L4375.0	504374.8	5410360.6	66457.70313	322.12	0	48.846200	-86.940372	56178.89	56234.8	15.17	56194.07	56197.43359	56223.57369	56226.01172	504374.8	5410360.6
L4375.0	504374.8	5410360.6	66457.79688	319.71	0	48.846200	-86.940372	56179.73	56234.8	15.17	56194.91	56198.24609	56217.27749	56219.65234	504374.8	5410360.6
L4375.0	504374.8	5410362.4	66457.89844	321.14	0	48.846217	-86.940372	56181.60	56234.8	15.17	56196.77	56200.07422	56232.70335	56235.01953	504374.8	5410362.4
L4375.0	504374.8	5410362.4	66458.00000	322.44	0	48.846217	-86.940372	56182.22	56234.8	15.17	56197.39	56200.66406	56222.09349	56224.35156	504374.8	5410362.4
L4375.0	504374.7	5410365.4	66458.10156	323.90	0	48.846244	-86.940372	56183.48	56234.8	15.17	56198.65	56201.89844	56225.18968	56227.39063	504374.7	5410365.4
L4375.0	504374.7	5410365.4	66458.20313	323.16	0	48.846244	-86.940372	56184.56	56234.8	15.18	56199.74	56202.95703	56224.85674	56227.00000	504374.7	5410365.4
L4375.0	504374.7	5410366.9	66458.29688	323.27	0	48.846258	-86.940372	56185.58	56234.8	15.18	56200.76	56203.94922	56223.20824	56225.29688	504374.7	5410366.9
L4375.0	504374.7	5410366.9	66458.39844	323.78	0	48.846258	-86.940372	56186.72	56234.8	15.19	56201.90	56205.05859	56224.27174	56226.30859	504374.7	5410366.9
L4375.0	504374.7	5410369.1	66458.50000	323.08	0	48.846277	-86.940373	56188.18	56234.8	15.19	56203.37	56206.50000	56232.49496	56234.48047	504374.7	5410369.1
L4375.0	504374.7	5410369.1	66458.60156	323.92	0	48.846277	-86.940373	56188.84	56234.8	15.19	56204.04	56207.14063	56223.93762	56225.87500	504374.7	5410369.1
L4375.0	504374.7	5410371.2	66458.70313	323.41	0	48.846296	-86.940373	56190.23	56234.8	15.20	56205.42	56208.49219	56230.57985	56232.46875	504374.7	5410371.2
L4375.0	504374.7	5410372.4	66458.79688	323.26	0	48.846307	-86.940373	56191.50	56234.8	15.20	56206.70	56209.74219	56235.26010	56237.10156	504374.7	5410372.4
L4375.0	504374.7	5410373.9	66458.89844	323.40	0	48.846321	-86.940373	56192.48	56234.8	15.21	56207.69	56210.70313	56233.98120	56235.77734	504374.7	5410373.9
L4375.0	504374.7	5410375.2	66459.00000	322.16	0	48.846332	-86.940373	56193.34	56234.8	15.21	56208.55	56211.53516	56230.14465	56231.89453	504374.7	5410375.2
L4375.0	504374.7	5410375.2	66459.10156	321.61	0	48.846332	-86.940373	56194.74	56234.8	15.21	56209.95	56212.91016	56237.81598	56239.52344	504374.7	5410375.2
L4375.0	504374.7	5410376.6	66459.20313	322.09	0	48.846345	-86.940373	56195.83	56234.8	15.21	56211.04	56213.96875	56239.13526	56240.80078	504374.7	5410376.6
L4375.0	504374.7	5410376.6	66459.29688	321.47	0	48.846345	-86.940373	56196.61	56234.8	15.21	56211.82	56214.72266	56234.16016	56235.78516	504374.7	5410376.6
L4375.0	504374.7	5410378.4	66459.39844	322.87	0	48.846361	-86.940373	56197.67	56234.8	15.21	56212.88	56215.75391	56235.20198	56236.78906	504374.7	5410378.4
L4375.0	504374.7	5410380.1	66459.50000	322.01	0	48.846376	-86.940373	56198.93	56234.8	15.21	56214.14	56216.98828	56240.54528	56242.09375	504374.7	5410380.1
L4375.0	504374.7	5410381.5	66459.60156	323.14	0	48.846389	-86.940373	56199.92	56234.8	15.21	56215.13	56217.94922	56240.46114	56241.97266	504374.7	5410381.5
L4375.0	504374.7	5410381.5	66459.70313	322.10	0	48.846389	-86.940373	56200.86	56234.8	15.21	56216.07	56218.86328	56239.52797	56241.00000	504374.7	5410381.5
L4375.0	504374.7	5410383.2	66459.79688	322.15	0	48.846404	-86.940373	56202.04	56234.8	15.21	56217.25	56220.01563	56243.68954	56245.12891	504374.7	5410383.2
L4375.0	504374.7	5410384.6	66459.89844	321.73	0	48.846417	-86.940373	56203.26	56234.8	15.21	56218.47	56221.21094	56248.82105	56250.22656	504374.7	5410384.6
L4375.0	504374.7	5410384.6	66460.00000	320.71	0	48.846417	-86.940373	56203.87	56234.8	15.21	56219.08	56221.79297	56241.70234	56243.07031	504374.7	5410384.6
L4375.0	504374.7	5410386.6	66460.10156	319.79	0	48.846435	-86.940373	56205.41	56234.8	15.21	56220.62	56223.30859	56253.66754	56255.00391	504374.7	5410386.6
L4375.0	504374.7	5410386.6	66460.20313	318.87	0	48.846435	-86.940373	56205.82	56234.8	15.22	56221.03	56223.69141	56242.88703	56244.19141	504374.7	5410386.6
L4375.0	504374.7	5410388.3	66460.29688	319.01	0	48.846450	-86.940373	56207.22	56234.8	15.22	56222.44	56225.07813	56252.54640	56253.82031	504374.7	5410388.3
L4375.0	504374.7	5410389.8	66460.39844	320.32	0	48.846463	-86.940373	56208.13	56234.8	15.22	56223.35	56225.96094	56252.26500	56253.50781	504374.7	5410389.8
L4375.0	504374.7	5410391.4	66460.50000	320.37	0	48.846478	-86.940373	56209.07	56234.8	15.22	56224.29	56226.87891	56252.77206	56253.98438	504374.7	5410391.4
L4375.0	504374.7	5410392.6	66460.60156	322.62	0	48.846489	-86.940373	56209.69	56234.8	15.23	56224.92	56227.48438	56247.18951	56248.37109	504374.7	5410392.6
L4375.0	504374.7	5410392.6	66460.70313	321.87	0	48.846489	-86.940373	56210.95	56234.8	15.23	56226.18	56228.71875	56254.52793	56255.67969	504374.7	5410392.6
L4375.0	504374.7	5410394.8	66460.79688	321.10	0	48.846508	-86.940373	56211.91	56234.8	15.23	56227.15	56229.66406	56256.17995	56257.30469	504374.7	5410394.8
L4375.0	504374.7	5410394.8	66460.89844	322.56	0	48.846508	-86.940373	56212.86	56234.8	15.24	56228.09	56230.58203	56257.40114	56258.49609	504374.7	5410394.8
L4375.0	504374.7	5410396.2	66461.00000	322.01	0	48.846521	-86.940373	56213.73	56234.8	15.24	56228.97	56231.43750	56257.57652	56258.64453	504374.7	5410396.2
L4375.0	504374.7	5410396.2	66461.10156	320.54	0	48.846521	-86.940373	56214.85	56234.8	15.24	56230.09	56232.53516	56262.81928	56263.85938	504374.7	5410396.2
L4375.0	504374.7	5410398.2	66461.20313	319.62	0	48.846539	-86.940373	56215.49	56234.8	15.24	56230.74	56233.16406	56258.63939	56259.65234	504374.7	5410398.2
L4375.0	504374.7	5410399.9	66461.29688	321.60	0	48.846554	-86.940373	56216.35	56234.8	15.25	56231.59	56233.99219	56258.70611	56259.69531	504374.7	5410399.9
L4375.0	504374.7	5410399.9	66461.39844	323.46	0	48.846554	-86.940373	56217.32	56234.8	15.25	56232.57	56234.94922	56261.61307	56262.57422	504374.7	5410399.9
L4375.0	504374.7	5410401.8	66461.50000	321.65	0	48.846572	-86.940373	56218.00	56234.8	15.25	56233.25	56235.60938	56258.50894	56259.44531	504374.7	5410401.8
L4375.0	504374.7	5410403.3	66461.60156	322.98	0	48.846585	-86.940373	56219.11	56234.7	15.25	56234.36	56236.69922	56264.45288	56265.36328	504374.7	5410403.3
L4375.0	504374.7	5410403.3	66461.70313	321.68	0	48.846585	-86.940373	56219.98	56234.7	15.25	56235.23	56237.54688	56265.61210	56266.50000	504374.7	5410403.3
L4375.0	504374.7	5410405.7	66461.79688	323.68	0	48.846606	-86.940373	56220.70	56234.7	15.26	56235.96	56238.25781	56264.02403	56264.88672	504374.7	5410405.7
L4375.0	504374.7	5410405.7	66461.89844	323.46	0	48.846606	-86.940373	56221.68	56234.7	15.26	56236.94	56239.21875	56267.81233	56268.64844	504374.7	5410405.7
L4375.0	504374.7	5410408.8	66462.00000	323.83	0	48.846635	-86.940372	56222.25	56234.7	15.26	56237.51	56239.76953	56263.18981	56264.00391	504374.7	5410408.8
L4375.0	504374.7	5410408.8	66462.10156	321.94	0	48.846635	-86.940372	56223.50	56234.7	15.26	56238.76	56241.00000	56272.99303	56273.78125	504374.7	5410408.8
L4375.0	504374.7	5410410.5	66462.20313	322.45	0	48.846650	-86.940372	56224.11	56234.7	15.26	56239.37	56241.59375	56269.51972	56270.28516	504374.7	5410410.5
L4375.0	504374.8	5410411.9	66462.29688	320.78	0	48.846662	-86.940371	56224.96	56234.7	15.26	56240.21	56242.41406	56271.04478	56271.78906	504374.8	5410411.9
L4375.0	504374.8	5410411.9	66462.39844	320.51	0	48.846662	-86.940371	56225.85	56234.7	15.26	56241.10	56243.28516	56273.79178	56274.51172	504374.8	5410411.9
L4375.0	504374.8	5410413.6	66462.50000	323.04	0	48.846677	-86.940371	56226.13	56234.7	15.25	56241.38	56243.55078	56263.77635	56264.47266	504374.8	5410413.6

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4375.0	504374.8	5410415.6	66462.60156	323.45	0	48.846695	-86.940371	56227.28	56234.7	15.25	56242.54	56244.69141	56272.56955	56273.24609	504374.8	5410415.6
L4375.0	504374.8	5410415.6	66462.70313	322.90	0	48.846695	-86.940371	56227.92	56234.7	15.25	56243.17	56245.30469	56270.28211	56270.93359	504374.8	5410415.6
L4375.0	504374.9	5410417.3	66462.79688	323.12	0	48.846711	-86.940370	56228.88	56234.7	15.25	56244.14	56246.26172	56275.38148	56276.01172	504374.9	5410417.3
L4375.0	504374.9	5410418.5	66462.89844	322.38	0	48.846722	-86.940370	56229.39	56234.7	15.25	56244.65	56246.75391	56270.86108	56271.46875	504374.9	5410418.5
L4375.0	504374.9	5410418.5	66463.00000	321.51	0	48.846722	-86.940370	56230.23	56234.8	15.25	56245.48	56247.57031	56273.30953	56273.89844	504374.9	5410418.5
L4375.0	504374.9	5410420.5	66463.10156	322.29	0	48.846739	-86.940369	56231.00	56234.7	15.25	56246.26	56248.33594	56274.85681	56275.42188	504374.9	5410420.5
L4375.0	504375.0	5410422.2	66463.20313	322.99	0	48.846755	-86.940369	56231.79	56234.7	15.25	56247.05	56249.10938	56276.77887	56277.32422	504375.0	5410422.2
L4375.0	504375.0	5410422.2	66463.29688	323.77	0	48.846755	-86.940369	56232.54	56234.7	15.26	56247.79	56249.83594	56277.79793	56278.32031	504375.0	5410422.2
L4375.0	504375.0	5410423.9	66463.39844	323.62	0	48.846770	-86.940368	56233.29	56234.7	15.26	56248.55	56250.58203	56279.40147	56279.90625	504375.0	5410423.9
L4375.0	504375.0	5410423.9	66463.50000	323.26	0	48.846770	-86.940368	56234.17	56234.7	15.26	56249.43	56251.44922	56283.70899	56284.19141	504375.0	5410423.9
L4375.0	504375.0	5410425.6	66463.60156	323.26	0	48.846786	-86.940367	56234.93	56234.7	15.26	56250.19	56252.19531	56285.61911	56286.08203	504375.0	5410425.6
L4375.0	504375.1	5410427.1	66463.70313	323.35	0	48.846799	-86.940367	56235.42	56234.7	15.26	56250.69	56252.68359	56282.17629	56282.61719	504375.1	5410427.1
L4375.0	504375.1	5410428.8	66463.79688	323.88	0	48.846814	-86.940366	56235.88	56234.7	15.27	56251.14	56253.12109	56277.84656	56278.26953	504375.1	5410428.8
L4375.0	504375.1	5410430.5	66463.89844	320.96	0	48.846830	-86.940366	56236.62	56234.7	15.27	56251.89	56253.85938	56280.01041	56280.41406	504375.1	5410430.5
L4375.0	504375.1	5410430.5	66464.00000	321.91	0	48.846830	-86.940366	56237.51	56234.7	15.27	56252.78	56254.73828	56285.25435	56285.63672	504375.1	5410430.5
L4375.0	504375.1	5410430.5	66464.10156	321.86	0	48.846830	-86.940366	56238.23	56234.7	15.27	56253.50	56255.44922	56287.05861	56287.42188	504375.1	5410430.5
L4375.0	504375.2	5410432.4	66464.20313	322.70	0	48.846847	-86.940365	56238.93	56234.7	15.27	56254.21	56256.14844	56288.79115	56289.13672	504375.2	5410432.4
L4375.0	504375.2	5410433.9	66464.29688	322.29	0	48.846860	-86.940365	56239.13	56234.7	15.27	56254.40	56256.32422	56279.87706	56280.20703	504375.2	5410433.9
L4375.0	504375.2	5410435.4	66464.39844	322.27	0	48.846874	-86.940365	56240.14	56234.7	15.27	56255.42	56257.33594	56288.33673	56288.64844	504375.2	5410435.4
L4375.0	504375.2	5410435.4	66464.50000	323.84	0	48.846874	-86.940365	56240.60	56234.7	15.27	56255.87	56257.77734	56285.16460	56285.45703	504375.2	5410435.4
L4375.0	504375.3	5410437.3	66464.60156	323.94	0	48.846891	-86.940364	56241.13	56234.7	15.28	56256.41	56258.30469	56284.02614	56284.30469	504375.3	5410437.3
L4375.0	504375.3	5410439.1	66464.70313	323.32	0	48.846907	-86.940364	56241.88	56234.7	15.28	56257.16	56259.04688	56287.34089	56287.60156	504375.3	5410439.1
L4375.0	504375.3	5410440.6	66464.79688	322.64	0	48.846920	-86.940363	56242.74	56234.7	15.28	56258.02	56259.89844	56293.02842	56293.27344	504375.3	5410440.6
L4375.0	504375.3	5410440.6	66464.89844	321.57	0	48.846920	-86.940363	56243.00	56234.7	15.28	56258.27	56260.14063	56286.51388	56286.74219	504375.3	5410440.6
L4375.0	504375.3	5410442.0	66465.00000	322.11	0	48.846933	-86.940363	56243.76	56234.7	15.28	56259.04	56260.90234	56290.69133	56290.90625	504375.3	5410442.0
L4375.0	504375.3	5410442.0	66465.10156	320.74	0	48.846933	-86.940363	56244.41	56234.7	15.28	56259.69	56261.54297	56292.60533	56292.80469	504375.3	5410442.0
L4375.0	504375.4	5410444.2	66465.20313	320.94	0	48.846953	-86.940363	56244.93	56234.7	15.28	56260.21	56262.05469	56292.07503	56292.26172	504375.4	5410444.2
L4375.0	504375.4	5410445.4	66465.29688	320.49	0	48.846964	-86.940363	56245.59	56234.7	15.29	56260.87	56262.70703	56294.52187	56294.69531	504375.4	5410445.4
L4375.0	504375.4	5410447.4	66465.39844	320.05	0	48.846982	-86.940362	56246.00	56234.7	15.29	56261.28	56263.10938	56292.12382	56292.28516	504375.4	5410447.4
L4375.0	504375.4	5410447.4	66465.50000	319.72	0	48.846982	-86.940362	56246.32	56234.7	15.29	56261.61	56263.43359	56288.28851	56288.43750	504375.4	5410447.4
L4375.0	504375.4	5410449.0	66465.60156	320.56	0	48.846996	-86.940362	56247.20	56234.7	15.29	56262.50	56264.31641	56295.83321	56295.96875	504375.4	5410449.0
L4375.0	504375.4	5410450.5	66465.70313	320.73	0	48.847009	-86.940362	56247.34	56234.7	15.29	56262.63	56264.43750	56288.30150	56288.42969	504375.4	5410450.5
L4375.0	504375.4	5410450.5	66465.79688	319.82	0	48.847009	-86.940362	56247.86	56234.7	15.30	56263.16	56264.96094	56288.94066	56289.05859	504375.4	5410450.5
L4375.0	504375.4	5410452.2	66465.89844	319.15	0	48.847025	-86.940362	56248.71	56234.7	15.30	56264.01	56265.80469	56296.17238	56296.28125	504375.4	5410452.2
L4375.0	504375.4	5410454.1	66466.00000	318.27	0	48.847042	-86.940362	56249.34	56234.7	15.30	56264.64	56266.42969	56299.14401	56299.24219	504375.4	5410454.1
L4375.0	504375.4	5410454.1	66466.10156	318.66	0	48.847042	-86.940362	56249.40	56234.7	15.30	56264.70	56266.48047	56290.75065	56290.84375	504375.4	5410454.1
L4375.0	504375.4	5410455.6	66466.20313	321.90	0	48.847055	-86.940362	56250.12	56234.7	15.30	56265.42	56267.19531	56295.83505	56295.91797	504375.4	5410455.6
L4375.0	504375.4	5410457.1	66466.29688	325.20	0	48.847068	-86.940362	56250.53	56234.7	15.30	56265.83	56267.60156	56294.78406	56294.86328	504375.4	5410457.1
L4375.0	504375.4	5410458.5	66466.39844	324.93	0	48.847082	-86.940362	56250.89	56234.7	15.30	56266.19	56267.95313	56292.84333	56292.91797	504375.4	5410458.5
L4375.0	504375.4	5410458.5	66466.50000	322.81	0	48.847082	-86.940362	56251.32	56234.7	15.30	56266.62	56268.37891	56292.45410	56292.52344	504375.4	5410458.5
L4375.0	504375.4	5410460.3	66466.60156	323.04	0	48.847097	-86.940362	56251.93	56234.7	15.30	56267.23	56268.98438	56295.87791	56295.94531	504375.4	5410460.3
L4375.0	504375.4	5410461.7	66466.70313	322.94	0	48.847110	-86.940362	56252.31	56234.7	15.30	56267.61	56269.35938	56294.71847	56294.78125	504375.4	5410461.7
L4375.0	504375.4	5410461.7	66466.79688	324.10	0	48.847110	-86.940362	56252.93	56234.7	15.30	56268.23	56269.97266	56298.61210	56298.67578	504375.4	5410461.7
L4375.0	504375.4	5410463.2	66466.89844	324.61	0	48.847123	-86.940362	56253.23	56234.7	15.30	56268.53	56270.26563	56296.04157	56296.10547	504375.4	5410463.2
L4375.0	504375.4	5410464.7	66467.00000	322.72	0	48.847137	-86.940362	56253.95	56234.7	15.30	56269.25	56270.98047	56302.24148	56302.30469	504375.4	5410464.7
L4375.0	504375.4	5410466.4	66467.10156	321.13	0	48.847152	-86.940363	56254.15	56234.7	15.30	56269.45	56271.17578	56297.82838	56297.89453	504375.4	5410466.4
L4375.0	504375.3	5410467.8	66467.20313	321.78	0	48.847165	-86.940363	56254.76	56234.7	15.30	56270.06	56271.78125	56301.98266	56302.05078	504375.3	5410467.8
L4375.0	504375.3	5410467.8	66467.29688	321.13	0	48.847165	-86.940363	56254.82	56234.7	15.30	56270.12	56271.83594	56294.89820	56294.97266	504375.3	5410467.8
L4375.0	504375.3	5410470.2	66467.39844	322.17	0	48.847187	-86.940363	56255.25	56234.7	15.30	56270.56	56272.27344	56295.76534	56295.84375	504375.3	5410470.2
L4375.0	504375.3	5410470.2	66467.50000	321.68	0	48.847187	-86.940363	56255.86	56234.7	15.31	56271.16	56272.86719	56300.03478	56300.11719	504375.3	5410470.2
L4375.0	504375.3	5410471.5	66467.60156	322.10	0	48.847199	-86.940363	56256.27	56234.7	15.31	56271.58	56273.28125	56300.70615	56300.79688	504375.3	5410471.5
L4375.0	504375.3	5410473.4	66467.70313	321.38	0	48.847215	-86.940364	56256.73	56234.7	15.31	56272.03	56273.72656	56302.10567	56302.20313	504375.3	5410473.4
L4375.0	504375.2	5410475.1	66467.79688	321.78	0	48.847231	-86.940364	56257.01	56234.7	15.31	56272.32	56274.01172	56300.34109	56300.44922	504375.2	5410475.1
L4375.0	504375.2	5410475.1	66467.89844	321.13	0	48.847231	-86.940364	56257.16	56234.7	15.31	56272.47	56274.15625	56295.83649	56295.95703	504375.2	5410475.1
L4375.0	504375.2	5410477.1	66468.00000	322.22	0	48.847249	-86.940365	56257.64	56234.7	15.31	56272.95	56274.63281	56298.20357	56298.33594	504375.2	5410477.1
L4375.0	504375.2	5410477.1	66468.10156	322.25	0	48.847249	-86.940365	56258.03	56234.7	15.31	56273.34	56275.01563	56298.84845	56298.99219	504375.2	5410477.1
L4375.0	504375.2	5410478.6	66468.20313	324.08	0	48.847263	-86.940365	56258.66	56234.7	15.31	56273.97	56275.64063	56304.51217	56304.67188	504375.2	5410478.6
L4375.0	504375.1	5410480.2	66468.29688	322.67	0	48.847277	-86.940366	56258.70	56234.7	15.31	56274.01	56275.67578	56298.24727	56298.42188	504375.1	5410480.2
L4375.0	504375.1	5410481.7	66468.39844	320.62	0	48.847291	-86.940366	56259.16	56234.7	15.31	56274.47	56276.13281	56300.67452	56300.86719	504375.1	5410481.7
L4375.0	504375.1	5410481.7	66468.50000	319.54	0	48.847291	-86.940366	56259.70	56234.7	15.31	56275.01	56276.66797	56304.85963	56305.07031	504375.1	5410481.7
L4375.0	504375.1	5410483.7	66468.60156	319.82	0	48.847308	-86.940367	56260.06	56234.7	15.31	56275.36	56277.01172	56305.27676	56305.50391	504375.1	5410483.7
L4375.0	504375.0	5410485.1	66468.70313	320.71	0	48.847321	-86.940367	56260.01	56234.7	15.31	56275.32	56276.96484	56297.78938	56298.03906	504375.0	5410485.1
L4375.0	504375.0	5410485.1	66468.79688	319.05	0	48.847321	-86.940367	56260.59	56234.7	15.31	56275.90	56277.54297	56303.15442	56303.42578	504375.0	5410485.1
L4375.0	504375.0	5410487.0	66468.89844	321.36	0	48.847338	-86.940367	56260.81	56234.7	15.31	56276.12	56277.75391	56301.20852	56301.50391	504375.0	5410487.0
L4375.0	504375.0	5410488.6	66469.00000	322.50	0	48.847352	-86.940367	56261.14	56234.7	15.31	56276.45	56278.08203	56301.63458	56301.95313	504375.0	5410488.6
L4375.0	504375.0	5410488.6	66469.10156	322.76	0	48.847352	-86.940367	56261.56	56234.7	15.31	56276.87	56278.49609	56304.03865	56304.38281	504375.0	5410488.6
L4375.0	504375.0	5410490.7	66469.20313	321.99	0	48.847371	-86.940368	56261.77	56234.7	15.31	56277.08	56278.69922	56302.15103	56302.51953	504375.0	5410490.7
L4375.0	504375.0	5410492.1	66469.29688	322.22	0	48.847384	-86.940368	56262.34	56234.7	15.31	56277.66	56279.27344	56308.12791	56308.52734	504375.0	5410492.1
L4375.0	504375.0	5410492.1	66469.39844	321.09	0	48.847384	-86.940368	56262.22	56234.7	15.31	56277.53	56279.13672	56299.21205	56299.64063	504375.0	5410492.1
L4375.0	504374.9	5410493.8	66469.50000	321.67	0	48.847399	-86.940368	56262.55	56234.7	15.32	56277.86	56279.46094	56300.07348	56300.53125	504374.9	5410493.8
L4375.0	504374.9	5410493.8	66469.50000	321.67	0	48.847399	-86.940368	56263.08	56234.7	15.32	56278.40	56279.99609	56305.50014	56305.98828	504374.9	5410493.8
L4375.0	504374.9	5410495.3	66469.60156	322.67	0	48.847413	-86.940368	56263.21	56234.7	15.32	56278.52	56280.10938	56302.03455	56302.55469	504374.9	5410495.3
L4375.0	504374.9	5410496.5	66469.70313	323.45	0	48.847424	-86.940368	56263.48	56234.7	15.32	56278.80	56280.38281	56302.05021	56302.60547	504374.9	5410496.5
L4375.0	504374.9	5410498.2	66469.89844	323.28	0	48.847439	-86.940368	56263.74	56234.7	15.32	56279.06	56280.63672	56301.69595	56302.28516	504374.9	5410498.2
L4375.0	504374.9	5410498.2	66470.00000	323.62	0	48.847439	-86.940368	56264.39	56234.7	15.32	56279.71	56281.28125	56309.82873	56310.45703	504374.9	5410498.2
L4375.0	504374.9	5410500.0	66470.10156	324.60	0	48.847454	-86.940369	56264.40	56234.7	15.32	56279.72	56281.28516	56304.18692	56304.85156	504374.9	5410500.0
L4375.0	504374.9	5410501.7	66470.20313	325.69	0	48.847470	-86.940369	56264.59	56234.7	15.32	56279.92	56281.48047	56302.70033	56303.40234	504374.9	5410501.7
L4375.0	504374.9	5410503.4	66470.29688	324.74	0	48.847485	-86.940369	56265.05	56234.7	15.32	56280.37	56281.92188	56306.67731	56307.41797	504374.9	5410503.4
L4375.0	504374.9	5410503.4	66470.39844	324.48	0	48.847485	-86.940369	56265.38	56234.7	15.32	56280.70	56282.24609	56308.09823	56308.87891	504374.9	5410503.4
L4375.0	504374.9	5410505.1	66470.50000	324.24	0	48.847500	-86.940369	56265.55	56234.7	15.32	56280.88	56282.41797	56306.31837	56307.14063	504374.9	5410505.1
L4375.0	504374.9	5410507.2	66470.60156	323.28	0	48.847519	-86.940369	56265.54	56234.7	15.33	56280.86	56282.39063	56300.28410	56301.14844	504374.9	5410507.2
L4375.0	504374.9	5410507.2	66470.70313	323.13	0	48.847519	-86.940369	56266.02	56234.7	15.33	56281.35	56282.87500	56305.27392	56306.18359	504374.9	5410507.2
L4375.0	504374.9	5410508.7	66470.79688	323.28	0	48.847533	-86.940369	56266.02	56234.7	15.33	56281.35	56282.86719	56299.80492	56300.75781	504374.9	5410508.7
L4375.0	504374.9	5410510.3	66470.89844	322.71	0	48.847547	-86.940369	56266.56	56234.7	15.33	56281.89	56283.40234	56305.90341	56306.90234	504374.9	5410510.3
L4375.0	504374.9	5410511.8	66471.00000	323.16	0	48.847561	-86.940369	56266.63	56234.7	15.33	56281.96	56283.46484	56302.05644	56303.10156	504374.9	5410511.8
L4375.0	504374.9	5410511.8	66471.10156	322.14	0	48.847561	-86.940369	56266.81	56234.7	15.33	56282.14	56283.63672	56300.61025	56301.70313	504374.9	5410511.8
L4375.0	504374.9	5410514.3	66471.20313	321.45	0	48.847583	-86.940369	56267.56	56234.7	15.33	56282.89	56284.37891	56311.10114	56312.23828	504374.9	5410514.3
L4375.0	504374.9	5410515.5	66471.29688	322.24	0	48.847594	-86.940368	56267.50	56234.7	15.33	56282.83	56284.30859	56304.74038	56305.92578	504374.9	5410515.5
L4375.0	504374.9	5410515.5	66471.39844	322.24	0	48.847594	-86.940368	56267.92	56234.7	15.33	56283.25	56284.72266	56308.36987	56309.60547	504374.9	5410515.5
L4375.0	504374.9	5410517.2	66471.50000	322.37	0	48.847609	-86.940368	56268.12	56234.7	15.33	56283.45	56284.91406	56307.51602	56308.80078	504374.9	5410517.2
L4375.0	504374.9	5410517.2	66471.60156	322.58	0	48.847609	-86.940368	56268.37	56234.7	15.33	56283.70	56285.15625	56307.73988	56309.07422	504374.9	5410517.2
L4375.0	504374.9	5410518.9	66471.70313	321.85	0	48.847625	-86.940368	56268.57	56234.7	15.33	56283.90	56285.34766	56307.01509	56308.40234	504374.9	5410518.9
L4375.0	504374.9	5410520.7	66471.79688	320.65	0	48.847641	-86.940368	56268.57	56234.7	15.33	56283.90	56285.33984	56302.37101	56303.80859	504374.9	5410520.7

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4375.0	504374.9	5410520.7	66471.89844	318.41	0	48.847641	-86.940368	56269.23	56234.7	15.33	56284.56	56285.99219	56310.93208	56312.42188	504374.9	5410520.7
L4375.0	504374.9	5410522.1	66472.00000	319.28	0	48.847654	-86.940368	56269.03	56234.7	15.33	56284.36	56285.78125	56302.49638	56304.03516	504374.9	5410522.1
L4375.0	504374.9	5410523.9	66472.10156	320.31	0	48.847669	-86.940368	56269.65	56234.7	15.33	56284.98	56286.39453	56310.32113	56311.91406	504374.9	5410523.9
L4375.0	504374.9	5410525.3	66472.20313	319.65	0	48.847682	-86.940368	56269.54	56234.7	15.33	56284.87	56286.27734	56303.84557	56305.49219	504374.9	5410525.3
L4375.0	504374.9	5410525.3	66472.29688	318.92	0	48.847682	-86.940368	56270.07	56234.7	15.33	56285.40	56286.79688	56309.99831	56311.69531	504374.9	5410525.3
L4375.0	504375.0	5410527.1	66472.39844	319.86	0	48.847699	-86.940367	56270.18	56234.7	15.33	56285.51	56286.89844	56307.98184	56309.73047	504375.0	5410527.1
L4375.0	504375.0	5410528.2	66472.50000	320.50	0	48.847709	-86.940367	56270.02	56234.7	15.32	56285.34	56286.71875	56300.53454	56302.33594	504375.0	5410528.2
L4375.0	504375.0	5410529.6	66472.60156	320.59	0	48.847721	-86.940367	56270.59	56234.7	15.32	56285.91	56287.28125	56307.66459	56309.51953	504375.0	5410529.6
L4375.0	504375.0	5410529.6	66472.70313	319.92	0	48.847721	-86.940367	56271.10	56234.7	15.32	56286.42	56287.78125	56313.71041	56315.62109	504375.0	5410529.6
L4375.0	504375.0	5410530.9	66472.79688	319.49	0	48.847733	-86.940367	56271.10	56234.7	15.32	56286.42	56287.76953	56309.75627	56311.71875	504375.0	5410530.9
L4375.0	504375.0	5410532.4	66472.89844	319.27	0	48.847746	-86.940367	56271.25	56234.7	15.32	56286.57	56287.91016	56308.80151	56310.81641	504375.0	5410532.4
L4375.0	504375.0	5410534.2	66473.00000	319.89	0	48.847763	-86.940367	56271.63	56234.7	15.32	56286.95	56288.28125	56312.48780	56314.55859	504375.0	5410534.2
L4375.0	504375.0	5410534.2	66473.10156	321.79	0	48.847763	-86.940367	56271.27	56234.7	15.32	56286.60	56287.92188	56301.54239	56303.66406	504375.0	5410534.2
L4375.0	504375.0	5410536.3	66473.20313	321.30	0	48.847781	-86.940367	56271.58	56234.7	15.32	56286.90	56288.21094	56303.67806	56305.85156	504375.0	5410536.3
L4375.0	504375.0	5410538.0	66473.29688	321.77	0	48.847796	-86.940367	56271.84	56234.7	15.33	56287.16	56288.46094	56305.05305	56307.28125	504375.0	5410538.0
L4375.0	504375.0	5410538.0	66473.39844	321.85	0	48.847796	-86.940367	56272.17	56234.7	15.33	56287.50	56288.79297	56308.11563	56310.39453	504375.0	5410538.0
L4375.0	504374.9	5410540.0	66473.50000	321.74	0	48.847814	-86.940368	56272.45	56234.7	15.33	56287.78	56289.06250	56309.99804	56312.32813	504374.9	5410540.0
L4375.0	504374.9	5410542.0	66473.60156	323.06	0	48.847833	-86.940368	56272.45	56234.7	15.33	56287.78	56289.05078	56306.09278	56308.47656	504374.9	5410542.0
L4375.0	504374.9	5410542.0	66473.70313	323.51	0	48.847833	-86.940368	56272.70	56234.7	15.33	56288.03	56289.28906	56307.39338	56309.82813	504374.9	5410542.0
L4375.0	504374.9	5410543.9	66473.79688	323.92	0	48.847850	-86.940368	56273.06	56234.7	15.34	56288.40	56289.65234	56311.25038	56313.73438	504374.9	5410543.9
L4375.0	504374.8	5410545.7	66473.89844	323.13	0	48.847866	-86.940369	56273.03	56234.7	15.34	56288.37	56289.60938	56306.69690	56309.23047	504374.8	5410545.7
L4375.0	504374.8	5410545.7	66474.00000	322.60	0	48.847866	-86.940369	56273.17	56234.7	15.34	56288.51	56289.73828	56305.72815	56308.31250	504374.8	5410545.7
L4375.0	504374.8	5410547.4	66474.10156	324.67	0	48.847881	-86.940369	56273.39	56234.7	15.34	56288.72	56289.93750	56306.26054	56308.89453	504374.8	5410547.4
L4375.0	504374.8	5410547.4	66474.20313	325.19	0	48.847881	-86.940369	56273.37	56234.7	15.34	56288.71	56289.91797	56302.10104	56304.78125	504374.8	5410547.4
L4375.0	504374.8	5410548.9	66474.29688	324.11	0	48.847894	-86.940369	56273.68	56234.7	15.33	56289.01	56290.20703	56304.59171	56307.32031	504374.8	5410548.9
L4375.0	504374.8	5410550.4	66474.39844	322.54	0	48.847908	-86.940370	56274.06	56234.7	15.33	56289.39	56290.57422	56308.84094	56311.61719	504374.8	5410550.4
L4375.0	504374.8	5410550.4	66474.50000	323.07	0	48.847908	-86.940370	56274.31	56234.7	15.33	56289.64	56290.81250	56310.32044	56313.14453	504374.8	5410550.4
L4375.0	504374.8	5410552.4	66474.60156	323.63	0	48.847926	-86.940370	56274.50	56234.7	15.33	56289.82	56290.98047	56310.30538	56313.17578	504374.8	5410552.4
L4375.0	504374.8	5410554.0	66474.70313	322.66	0	48.847941	-86.940370	56274.72	56234.7	15.33	56290.04	56291.19141	56311.17378	56314.08984	504374.8	5410554.0
L4375.0	504374.7	5410555.2	66474.79688	321.76	0	48.847952	-86.940370	56274.85	56234.7	15.32	56290.17	56291.30859	56310.09821	56313.05469	504374.7	5410555.2
L4375.0	504374.7	5410555.2	66474.89844	323.04	0	48.847952	-86.940370	56274.79	56234.7	15.32	56290.11	56291.23828	56304.88387	56307.88672	504374.7	5410555.2
L4375.0	504374.7	5410557.3	66475.00000	320.66	0	48.847971	-86.940371	56275.23	56234.7	15.32	56290.55	56291.66406	56310.59387	56313.63672	504374.7	5410557.3
L4375.0	504374.7	5410558.8	66475.10156	319.64	0	48.847984	-86.940371	56275.46	56234.7	15.32	56290.78	56291.88281	56311.73684	56314.82422	504374.7	5410558.8
L4375.0	504374.6	5410560.3	66475.20313	319.67	0	48.847997	-86.940371	56275.43	56234.7	15.31	56290.74	56291.83203	56306.98024	56310.10938	504374.6	5410560.3
L4375.0	504374.6	5410560.3	66475.29688	320.98	0	48.847997	-86.940371	56275.62	56234.7	15.31	56290.93	56292.00781	56307.27258	56310.44141	504374.6	5410560.3
L4375.0	504374.6	5410562.0	66475.39844	323.45	0	48.848012	-86.940372	56276.17	56234.7	15.30	56291.47	56292.53516	56315.26436	56318.47266	504374.6	5410562.0
L4375.0	504374.6	5410563.8	66475.50000	323.08	0	48.848028	-86.940372	56276.08	56234.7	15.30	56291.38	56292.43359	56309.44099	56312.68750	504374.6	5410563.8
L4375.0	504374.6	5410565.3	66475.60156	324.28	0	48.848042	-86.940372	56276.14	56234.7	15.30	56291.44	56292.48047	56306.92061	56310.20703	504374.6	5410565.3
L4375.0	504374.6	5410565.3	66475.70313	324.72	0	48.848042	-86.940372	56276.84	56234.7	15.29	56292.13	56293.16016	56318.27892	56321.60156	504374.6	5410565.3
L4375.0	504374.5	5410567.3	66475.79688	324.98	0	48.848060	-86.940373	56276.89	56234.7	15.29	56292.18	56293.19531	56315.57022	56318.92969	504374.5	5410567.3
L4375.0	504374.5	5410567.3	66475.89844	325.46	0	48.848060	-86.940373	56276.99	56234.7	15.28	56292.28	56293.28516	56313.97203	56317.36719	504374.5	5410567.3
L4375.0	504374.5	5410568.9	66476.00000	324.43	0	48.848074	-86.940373	56277.22	56234.7	15.28	56292.50	56293.48828	56315.03171	56318.46094	504374.5	5410568.9
L4375.0	504374.5	5410568.9	66476.10156	324.22	0	48.848074	-86.940373	56277.20	56234.7	15.28	56292.47	56293.44531	56310.58231	56314.04688	504374.5	5410568.9
L4375.0	504374.5	5410570.9	66476.20313	324.11	0	48.848093	-86.940373	56277.50	56234.7	15.28	56292.78	56293.74219	56313.65280	56317.14844	504374.5	5410570.9
L4375.0	504374.5	5410572.6	66476.29688	322.42	0	48.848108	-86.940374	56277.42	56234.7	15.28	56292.70	56293.64844	56308.10995	56311.63672	504374.5	5410572.6
L4375.0	504374.4	5410574.3	66476.39844	321.37	0	48.848124	-86.940374	56277.70	56234.7	15.28	56292.98	56293.91797	56310.53698	56314.09375	504374.4	5410574.3
L4375.0	504374.4	5410574.3	66476.50000	322.17	0	48.848124	-86.940374	56278.11	56234.7	15.28	56293.39	56294.31250	56315.85397	56319.44141	504374.4	5410574.3
L4375.0	504374.4	5410576.4	66476.60156	322.47	0	48.848142	-86.940375	56278.27	56234.7	15.28	56293.55	56294.45703	56315.64795	56319.26563	504374.4	5410576.4
L4375.0	504374.3	5410577.8	66476.70313	321.07	0	48.848155	-86.940375	56277.98	56234.7	15.28	56293.26	56294.15625	56305.48064	56309.12891	504374.3	5410577.8
L4375.0	504374.3	5410577.8	66476.79688	321.01	0	48.848155	-86.940375	56278.45	56234.7	15.28	56293.73	56294.60938	56312.16278	56315.83594	504374.3	5410577.8
L4375.0	504374.3	5410579.5	66476.89844	323.09	0	48.848170	-86.940376	56278.42	56234.7	15.28	56293.70	56294.56641	56307.77322	56311.47266	504374.3	5410579.5
L4375.0	504374.3	5410579.5	66477.00000	323.01	0	48.848170	-86.940376	56278.72	56234.7	15.28	56294.00	56294.85156	56310.71385	56314.43750	504374.3	5410579.5
L4375.0	504374.2	5410583.0	66477.10156	323.70	0	48.848201	-86.940377	56278.98	56234.7	15.28	56294.26	56295.09766	56312.78347	56316.53516	504374.2	5410583.0
L4375.0	504374.2	5410583.0	66477.20313	321.60	0	48.848201	-86.940377	56279.29	56234.7	15.28	56294.57	56295.39063	56315.98257	56319.75781	504374.2	5410583.0
L4375.0	504374.2	5410584.3	66477.29688	322.63	0	48.848214	-86.940377	56279.24	56234.7	15.28	56294.52	56295.32813	56311.18488	56314.98047	504374.2	5410584.3
L4375.0	504374.2	5410584.3	66477.39844	322.73	0	48.848214	-86.940377	56279.74	56234.7	15.28	56295.02	56295.81250	56318.65032	56322.46875	504374.2	5410584.3
L4375.0	504374.1	5410586.1	66477.50000	325.71	0	48.848229	-86.940378	56279.65	56234.7	15.29	56294.93	56295.70703	56312.96781	56316.80859	504374.1	5410586.1
L4375.0	504374.1	5410587.9	66477.60156	325.41	0	48.848246	-86.940378	56279.80	56234.7	15.29	56295.08	56295.83984	56312.64267	56316.50391	504374.1	5410587.9
L4375.0	504374.1	5410589.4	66477.70313	325.55	0	48.848259	-86.940378	56280.13	56234.7	15.29	56295.42	56296.16406	56316.57395	56320.45313	504374.1	5410589.4
L4375.0	504374.1	5410589.4	66477.79688	324.87	0	48.848259	-86.940378	56280.28	56234.7	15.29	56295.57	56296.30078	56316.25305	56320.15234	504374.1	5410589.4
L4375.0	504374.1	5410591.5	66477.89844	326.44	0	48.848278	-86.940379	56280.74	56234.7	15.29	56296.03	56296.74219	56322.87100	56326.78516	504374.1	5410591.5
L4375.0	504374.1	5410593.1	66478.00000	325.76	0	48.848292	-86.940379	56280.68	56234.7	15.29	56295.97	56296.66797	56317.82540	56321.75781	504374.1	5410593.1
L4375.0	504374.1	5410593.1	66478.10156	323.34	0	48.848292	-86.940379	56280.99	56234.7	15.29	56296.28	56296.96094	56321.04825	56324.99609	504374.1	5410593.1
L4375.0	504374.0	5410595.3	66478.20313	321.28	0	48.848312	-86.940379	56280.56	56234.7	15.29	56295.85	56296.51563	56307.74433	56311.70703	504374.0	5410595.3
L4375.0	504374.0	5410595.3	66478.29688	322.61	0	48.848312	-86.940379	56281.20	56234.7	15.28	56296.48	56297.12891	56318.05694	56322.03516	504374.0	5410595.3
L4375.0	504374.0	5410597.2	66478.39844	324.29	0	48.848329	-86.940380	56281.34	56234.7	15.28	56296.62	56297.25000	56317.43765	56321.42578	504374.0	5410597.2
L4375.0	504374.0	5410598.7	66478.50000	325.70	0	48.848342	-86.940380	56281.35	56234.7	15.28	56296.63	56297.24219	56313.95608	56317.95703	504374.0	5410598.7
L4375.0	504374.0	5410600.1	66478.60156	325.84	0	48.848355	-86.940380	56281.69	56234.7	15.28	56296.97	56297.56641	56317.70694	56321.72266	504374.0	5410600.1
L4375.0	504374.0	5410600.1	66478.70313	325.06	0	48.848355	-86.940380	56281.73	56234.7	15.28	56297.01	56297.58984	56314.90054	56318.92578	504374.0	5410600.1
L4375.0	504373.9	5410601.7	66478.79688	327.49	0	48.848369	-86.940380	56281.77	56234.7	15.27	56297.04	56297.60156	56311.91886	56315.95313	504373.9	5410601.7
L4375.0	504373.9	5410603.1	66478.89844	327.35	0	48.848383	-86.940380	56282.02	56234.7	15.27	56297.29	56297.83203	56313.66601	56317.71094	504373.9	5410603.1
L4375.0	504373.9	5410603.1	66479.00000	325.00	0	48.848383	-86.940380	56282.47	56234.7	15.27	56297.74	56298.26563	56319.59432	56323.64453	504373.9	5410603.1
L4375.0	504373.9	5410605.1	66479.10156	322.55	0	48.848400	-86.940380	56282.18	56234.7	15.27	56297.45	56297.95703	56309.97198	56314.03125	504373.9	5410605.1
L4375.0	504373.9	5410605.1	66479.20313	321.20	0	48.848400	-86.940380	56282.66	56234.7	15.27	56297.93	56298.41797	56316.44788	56320.51563	504373.9	5410605.1
L4375.0	504373.9	5410607.8	66479.29688	321.48	0	48.848424	-86.940380	56282.68	56234.7	15.27	56297.95	56298.41797	56313.39514	56317.46484	504373.9	5410607.8
L4375.0	504373.9	5410607.8	66479.39844	321.99	0	48.848424	-86.940380	56282.89	56234.7	15.27	56298.16	56298.60938	56314.25989	56318.33594	504373.9	5410607.8
L4375.0	504374.0	5410609.2	66479.50000	320.63	0	48.848437	-86.940380	56283.06	56234.7	15.27	56298.33	56298.76172	56314.31797	56318.39844	504374.0	5410609.2
L4375.0	504374.0	5410611.5	66479.60156	319.11	0	48.848458	-86.940380	56282.98	56234.7	15.27	56298.25	56298.66016	56309.41675	56313.50000	504374.0	5410611.5
L4375.0	504374.0	5410612.7	66479.70313	319.79	0	48.848469	-86.940379	56283.42	56234.7	15.27	56298.69	56299.08203	56314.87326	56318.96094	504374.0	5410612.7
L4375.0	504374.0	5410612.7	66479.79688	318.67	0	48.848469	-86.940379	56283.57	56234.7	15.27	56298.84	56299.21094	56314.58584	56318.67188	504374.0	5410612.7
L4375.0	504374.1	5410614.5	66479.89844	319.89	0	48.848484	-86.940379	56283.33	56234.7	15.27	56298.60	56298.95313	56306.73091	56310.81641	504374.1	5410614.5
L4375.0	504374.1	5410614.5	66480.00000	319.83	0	48.848484	-86.940379	56283.68	56234.7	15.27	56298.95	56299.28125	56310.40773	56314.49609	504374.1	5410614.5
L4375.0	504374.1	5410616.2	66480.10156	319.38	0	48.848500	-86.940378	56284.01	56234.7	15.27	56299.28	56299.58984	56313.68412	56317.76953	504374.1	5410616.2
L4375.0	504374.1	5410618.0	66480.20313	319.34	0	48.848517	-86.940378	56284.06	56234.7	15.27	56299.33	56299.62109	56311.57272	56315.66016	504374.1	5410618.0
L4375.0	504374.2	5410619.3	66480.29688	320.57	0	48.848528	-86.940377	56284.18	56234.7	15.27	56299.45	56299.71875	56310.83303	56314.91797	504374.2	5410619.3
L4375.0	504374.2	5410619.3	66480.39844	321.16	0	48.848528	-86.940377	56284.41	56234.7	15.27	56299.68	56299.92969	56312.22134	56316.30078	504374.2	5410619.3
L4375.0	504374.2	5410621.0	66480.50000	321.47	0	48.848543	-86.940377	56285.04	56234.7	15.26	56300.30	56300.52734	56321.10806	56325.18359	504374.2	5410621.0
L4375.0	504374.3	5410622.8	66480.60156	319.54	0	48.848560	-86.940376	56285.11	56234.7	15.26	56300.37	56300.57422	56319.46016	56323.53125	504374.3	5410622.8
L4375.0	504374.3	5410624.8	66480.70313	320.00	0	48.848577	-86.940375	56284.98	56234.7	15.26	56300.24	56300.42188	56313.97707	56318.04297	504374.3	5410624.8
L4375.0	504374.3	5410626.1	66480.79688	320.60	0	48.848589	-86.940375	56285.32	56234.7	15.26	56300.58	56300.74219	56317.54735	56321.60547	504374.3	5410626.1
L4375.0	504374.3	5410626.1	66480.89844	323.38	0	48.848589	-86.940375	56285.46	56234.7	15.26	56300.72	56300.85938	56317.27813	56321.32813	504374.3	5410626.1
L4375.0	504374.4	5410627.8	66481.00000	323.01	0	48.848605	-86.940374	56285.34	56234.7	15.26	56300.60	56300.71875	56311.97028	56316.01172	504374.4	5410627.8
L4375.0	504374.4	5410627.8	66481.10156	321.00	0	48.848605	-86.940374	56285.85	56234.7	15.26	56301.11	56301.20313	56318.89712	56322.92969	504374.4	5410627.8

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4375.0	504374.4	5410629.1	66481.20313	321.49	0	48.848616	-86.940374	56285.77	56234.7	15.26	56301.03	56301.10156	56314.34860	56318.37109	504374.4	5410629.1
L4375.0	504374.4	5410631.5	66481.29688	321.05	0	48.848638	-86.940374	56285.90	56234.7	15.27	56301.16	56301.20703	56313.88825	56317.89844	504374.4	5410631.5
L4375.0	504374.4	5410631.5	66481.39844	321.27	0	48.848638	-86.940374	56286.08	56234.7	15.27	56301.35	56301.37500	56314.60877	56318.60938	504374.4	5410631.5
L4375.0	504374.4	5410632.7	66481.50000	320.34	0	48.848649	-86.940373	56286.46	56234.7	15.27	56301.73	56301.73047	56319.09901	56323.08594	504374.4	5410632.7
L4375.0	504374.4	5410634.5	66481.60156	320.34	0	48.848665	-86.940373	56286.46	56234.7	15.27	56301.74	56301.71875	56316.27937	56320.25391	504374.4	5410634.5
L4375.0	504374.5	5410636.5	66481.70313	319.91	0	48.848683	-86.940373	56286.43	56234.7	15.27	56301.71	56301.66406	56312.63684	56316.59766	504374.5	5410636.5
L4375.0	504374.5	5410638.0	66481.79688	322.19	0	48.848696	-86.940373	56286.96	56234.7	15.28	56302.24	56302.17188	56320.21133	56324.15625	504374.5	5410638.0
L4375.0	504374.5	5410638.0	66481.89844	321.87	0	48.848696	-86.940373	56287.05	56234.7	15.28	56302.33	56302.23828	56318.98494	56322.91016	504374.5	5410638.0
L4375.0	504374.5	5410640.2	66482.00000	320.63	0	48.848716	-86.940372	56287.12	56234.7	15.28	56302.40	56302.28125	56317.34154	56321.25000	504374.5	5410640.2
L4375.0	504374.5	5410640.2	66482.10156	322.26	0	48.848716	-86.940372	56287.36	56234.7	15.28	56302.64	56302.49609	56319.16079	56323.05078	504374.5	5410640.2
L4375.0	504374.5	5410642.1	66482.20313	322.78	0	48.848734	-86.940372	56287.58	56234.7	15.27	56302.85	56302.68359	56320.38708	56324.26172	504374.5	5410642.1
L4375.0	504374.5	5410643.3	66482.29688	321.04	0	48.848744	-86.940372	56287.66	56234.7	15.27	56302.93	56302.73828	56318.93081	56322.78516	504374.5	5410643.3
L4375.0	504374.5	5410643.3	66482.39844	320.73	0	48.848744	-86.940372	56287.74	56234.7	15.27	56303.01	56302.79297	56317.45136	56321.28125	504374.5	5410643.3
L4375.0	504374.6	5410645.4	66482.50000	320.78	0	48.848763	-86.940372	56287.94	56234.7	15.26	56303.21	56302.96875	56318.47282	56322.28125	504374.6	5410645.4
L4375.0	504374.6	5410646.8	66482.60156	320.31	0	48.848776	-86.940371	56288.24	56234.7	15.26	56303.50	56303.23438	56321.40912	56325.19531	504374.6	5410646.8
L4375.0	504374.6	5410646.8	66482.70313	322.05	0	48.848776	-86.940371	56288.35	56234.7	15.26	56303.61	56303.31641	56320.53567	56324.29688	504374.6	5410646.8
L4375.0	504374.6	5410649.1	66482.79688	322.80	0	48.848796	-86.940371	56288.38	56234.7	15.26	56303.63	56303.31250	56317.70921	56321.44531	504374.6	5410649.1
L4375.0	504374.6	5410650.5	66482.89844	325.26	0	48.848809	-86.940371	56288.84	56234.7	15.25	56304.09	56303.74609	56324.32953	56328.03906	504374.6	5410650.5
L4375.0	504374.6	5410652.3	66483.00000	326.13	0	48.848824	-86.940371	56288.78	56234.8	15.25	56304.03	56303.66016	56319.73138	56323.41406	504374.6	5410652.3
L4375.0	504374.6	5410652.3	66483.10156	323.82	0	48.848824	-86.940371	56289.19	56234.8	15.25	56304.44	56304.04297	56325.30184	56328.95313	504374.6	5410652.3
L4375.0	504374.6	5410653.7	66483.20313	323.35	0	48.848838	-86.940371	56289.58	56234.8	15.25	56304.82	56304.39844	56330.23433	56333.85938	504374.6	5410653.7
L4375.0	504374.6	5410655.3	66483.29688	324.90	0	48.848852	-86.940372	56289.54	56234.8	15.24	56304.79	56304.33984	56326.20209	56329.79297	504374.6	5410655.3
L4375.0	504374.6	5410655.3	66483.39844	325.24	0	48.848852	-86.940372	56289.95	56234.8	15.24	56305.20	56304.72266	56331.75999	56335.32031	504374.6	5410655.3
L4375.0	504374.5	5410657.4	66483.50000	325.67	0	48.848870	-86.940372	56289.56	56234.8	15.24	56304.80	56304.29688	56319.57244	56323.09766	504374.5	5410657.4
L4375.0	504374.5	5410657.4	66483.60156	325.67	0	48.848870	-86.940372	56289.77	56234.8	15.24	56305.01	56304.48047	56320.70929	56324.20313	504374.5	5410657.4
L4375.0	504374.5	5410659.4	66483.70313	323.39	0	48.848889	-86.940372	56289.54	56234.8	15.24	56304.78	56304.22266	56312.23642	56315.69531	504374.5	5410659.4
L4375.0	504374.5	5410661.0	66483.79688	324.48	0	48.848903	-86.940372	56289.88	56234.8	15.23	56305.12	56304.53516	56316.17926	56319.60156	504374.5	5410661.0
L4375.0	504374.5	5410662.3	66483.89844	323.20	0	48.848915	-86.940372	56290.26	56234.8	15.23	56305.49	56304.87891	56320.72329	56324.10547	504374.5	5410662.3
L4375.0	504374.5	5410663.8	66484.00000	323.84	0	48.848929	-86.940372	56290.44	56234.8	15.23	56305.67	56305.03125	56321.12522	56324.46875	504374.5	5410663.8
L4375.0	504374.5	5410663.8	66484.10156	324.60	0	48.848929	-86.940372	56290.46	56234.8	15.23	56305.70	56305.03516	56318.31110	56321.61328	504374.5	5410663.8
L4375.0	504374.5	5410666.1	66484.20313	323.88	0	48.848949	-86.940372	56290.56	56234.8	15.23	56305.79	56305.09766	56316.79848	56320.05859	504374.5	5410666.1
L4375.0	504374.5	5410666.1	66484.29688	322.45	0	48.848949	-86.940372	56290.93	56234.8	15.23	56306.16	56305.43750	56321.18488	56324.40234	504374.5	5410666.1
L4375.0	504374.5	5410667.5	66484.39844	322.31	0	48.848962	-86.940372	56290.90	56234.8	15.23	56306.13	56305.38281	56317.16809	56320.34375	504374.5	5410667.5
L4375.0	504374.5	5410668.8	66484.50000	322.39	0	48.848973	-86.940372	56291.28	56234.8	15.23	56306.51	56305.73438	56321.68980	56324.82031	504374.5	5410668.8
L4375.0	504374.5	5410668.8	66484.60156	321.71	0	48.848973	-86.940372	56291.38	56234.8	15.23	56306.61	56305.80469	56320.40322	56323.48438	504374.5	5410668.8
L4375.0	504374.5	5410670.6	66484.70313	321.13	0	48.848989	-86.940372	56291.48	56234.8	15.23	56306.71	56305.87891	56319.14160	56322.17578	504374.5	5410670.6
L4375.0	504374.6	5410672.2	66484.79688	320.88	0	48.849004	-86.940371	56292.00	56234.8	15.23	56307.23	56306.37109	56326.38990	56329.37500	504374.6	5410672.2
L4375.0	504374.6	5410673.9	66484.89844	320.53	0	48.849019	-86.940371	56292.22	56234.8	15.23	56307.45	56306.56250	56327.53300	56330.46875	504374.6	5410673.9
L4375.0	504374.6	5410673.9	66485.00000	320.16	0	48.849019	-86.940371	56292.15	56234.8	15.23	56307.38	56306.46484	56322.89346	56325.77734	504374.6	5410673.9
L4375.0	504374.6	5410675.7	66485.10156	318.74	0	48.849035	-86.940371	56291.98	56234.8	15.23	56307.21	56306.26563	56316.33321	56319.16406	504374.6	5410675.7
L4375.0	504374.6	5410677.3	66485.20313	317.52	0	48.849050	-86.940371	56292.48	56234.8	15.23	56307.71	56306.73828	56323.09320	56325.86719	504374.6	5410677.3
L4375.0	504374.6	5410678.6	66485.29688	317.52	0	48.849062	-86.940371	56292.50	56234.8	15.23	56307.73	56306.73047	56320.35854	56323.07813	504374.6	5410678.6
L4375.0	504374.6	5410678.6	66485.39844	318.49	0	48.849062	-86.940371	56292.82	56234.8	15.23	56308.05	56307.01953	56323.55966	56326.22266	504374.6	5410678.6
L4375.0	504374.6	5410680.7	66485.50000	317.98	0	48.849081	-86.940371	56292.98	56234.8	15.23	56308.21	56307.15234	56323.62383	56326.22656	504374.6	5410680.7
L4375.0	504374.6	5410682.0	66485.60156	319.41	0	48.849092	-86.940371	56293.00	56234.8	15.23	56308.23	56307.14453	56320.94927	56323.49219	504374.6	5410682.0
L4375.0	504374.6	5410682.0	66485.70313	321.21	0	48.849092	-86.940371	56293.45	56234.8	15.23	56308.68	56307.56641	56326.76519	56329.24609	504374.6	5410682.0
L4375.0	504374.6	5410683.9	66485.79688	321.70	0	48.849109	-86.940371	56293.66	56234.8	15.23	56308.89	56307.74609	56327.87730	56330.29688	504374.6	5410683.9
L4375.0	504374.6	5410686.3	66485.89844	323.24	0	48.849130	-86.940371	56293.50	56234.8	15.23	56308.73	56307.55859	56321.66965	56324.02344	504374.6	5410686.3
L4375.0	504374.6	5410686.3	66486.00000	321.02	0	48.849130	-86.940371	56293.81	56234.8	15.23	56309.04	56307.83984	56324.79202	56327.08203	504374.6	5410686.3
L4375.0	504374.6	5410687.7	66486.10156	319.74	0	48.849143	-86.940371	56294.04	56234.8	15.23	56309.27	56308.04297	56326.35092	56328.57422	504374.6	5410687.7
L4375.0	504374.6	5410688.9	66486.20313	319.65	0	48.849154	-86.940371	56294.32	56234.8	15.22	56309.54	56308.28516	56328.73957	56330.89453	504374.6	5410688.9
L4375.0	504374.6	5410688.9	66486.29688	320.90	0	48.849154	-86.940371	56294.09	56234.8	15.22	56309.31	56308.02734	56321.03026	56323.11719	504374.6	5410688.9
L4375.0	504374.6	5410690.4	66486.39844	320.33	0	48.849168	-86.940371	56294.55	56234.8	15.22	56309.76	56308.44922	56327.09062	56329.10547	504374.6	5410690.4
L4375.0	504374.5	5410692.0	66486.50000	321.61	0	48.849182	-86.940371	56294.83	56234.8	15.22	56310.04	56308.69922	56329.73737	56331.67969	504374.5	5410692.0
L4375.0	504374.5	5410694.0	66486.60156	323.99	0	48.849200	-86.940371	56294.57	56234.8	15.21	56309.79	56308.42188	56321.47795	56323.34766	504374.5	5410694.0
L4375.0	504374.5	5410694.0	66486.70313	323.73	0	48.849200	-86.940371	56294.79	56234.8	15.21	56309.99	56308.59375	56322.45429	56324.25000	504374.5	5410694.0
L4375.0	504374.5	5410695.7	66486.79688	325.00	0	48.849215	-86.940371	56295.04	56234.8	15.21	56310.24	56308.81641	56324.47919	56326.19922	504374.5	5410695.7
L4375.0	504374.5	5410695.7	66486.89844	325.00	0	48.849215	-86.940371	56295.18	56234.8	15.20	56310.39	56308.93750	56324.42158	56326.06250	504374.5	5410695.7
L4375.0	504374.5	5410697.4	66487.00000	324.65	0	48.849231	-86.940371	56295.44	56234.8	15.20	56310.64	56309.16016	56326.46256	56328.02344	504374.5	5410697.4
L4375.0	504374.5	5410699.5	66487.10156	323.08	0	48.849249	-86.940371	56295.52	56234.8	15.20	56310.72	56309.21094	56324.91910	56326.40234	504374.5	5410699.5
L4375.0	504374.5	5410700.7	66487.20313	320.40	0	48.849261	-86.940371	56295.77	56234.8	15.20	56310.97	56309.43359	56326.96413	56328.36328	504374.5	5410700.7
L4375.0	504374.5	5410700.7	66487.29688	320.87	0	48.849261	-86.940371	56296.06	56234.8	15.20	56311.26	56309.69531	56329.86853	56331.18750	504374.5	5410700.7
L4375.0	504374.5	5410702.9	66487.39844	323.12	0	48.849280	-86.940371	56296.08	56234.8	15.20	56311.29	56309.69922	56327.23583	56328.46875	504374.5	5410702.9
L4375.0	504374.5	5410704.7	66487.50000	324.05	0	48.849297	-86.940371	56296.10	56234.8	15.21	56311.31	56309.69141	56324.37142	56325.51953	504374.5	5410704.7
L4375.0	504374.5	5410704.7	66487.60156	323.83	0	48.849297	-86.940371	56296.49	56234.8	15.21	56311.69	56310.04297	56329.21116	56330.27344	504374.5	5410704.7
L4375.0	504374.5	5410706.1	66487.70313	323.01	0	48.849309	-86.940371	56296.59	56234.8	15.21	56311.80	56310.12891	56328.26349	56329.23438	504374.5	5410706.1
L4375.0	504374.5	5410706.1	66487.79688	322.99	0	48.849309	-86.940371	56296.74	56234.8	15.21	56311.95	56310.25000	56328.16977	56329.05078	504374.5	5410706.1
L4375.0	504374.5	5410707.9	66487.89844	322.59	0	48.849325	-86.940371	56297.00	56234.8	15.21	56312.21	56310.48438	56330.44212	56331.23438	504374.5	5410707.9
L4375.0	504374.5	5410709.6	66488.00000	322.41	0	48.849341	-86.940371	56296.95	56234.8	15.21	56312.15	56310.39844	56325.81880	56326.51953	504374.5	5410709.6
L4375.0	504374.5	5410711.4	66488.10156	323.34	0	48.849356	-86.940371	56297.20	56234.8	15.21	56312.41	56310.62891	56328.08989	56328.69531	504374.5	5410711.4
L4375.0	504374.5	5410712.7	66488.20313	322.48	0	48.849368	-86.940371	56297.28	56234.8	15.20	56312.48	56310.67188	56326.26518	56326.77734	504374.5	5410712.7
L4375.0	504374.5	5410712.7	66488.29688	316.92	0	48.849368	-86.940371	56297.54	56234.8	15.20	56312.74	56310.90625	56328.53961	56328.95313	504374.5	5410712.7
L4375.0	504374.5	5410714.6	66488.39844	317.01	0	48.849386	-86.940371	56297.80	56234.8	15.20	56312.99	56311.12891	56330.60089	56330.91797	504374.5	5410714.6
L4375.0	504374.5	5410716.1	66488.50000	317.90	0	48.849399	-86.940371	56298.07	56234.8	15.19	56313.26	56311.37500	56333.09590	56333.31641	504374.5	5410716.1
L4375.0	504374.5	5410716.1	66488.60156	319.65	0	48.849399	-86.940371	56297.99	56234.8	15.19	56313.18	56311.26953	56328.05076	56328.17188	504374.5	5410716.1
L4375.0	504374.5	5410717.9	66488.70313	321.39	0	48.849415	-86.940371	56298.02	56234.8	15.19	56313.21	56311.27344	56325.38370	56325.40234	504374.5	5410717.9
L4375.0	504374.5	5410717.9	66488.79688	323.80	0	48.849415	-86.940371	56298.36	56234.8	15.19	56313.54	56311.57813	56329.18256	56329.10156	504374.5	5410717.9
L4375.0	504374.5	5410719.8	66488.89844	323.90	0	48.849432	-86.940372	56298.40	56234.8	15.18	56313.58	56311.58984	56326.74403	56326.55859	504374.5	5410719.8
L4375.0	504374.5	5410721.3	66489.00000	324.38	0	48.849445	-86.940372	56298.79	56234.8	15.18	56313.97	56311.95703	56331.83884	56331.55078	504374.5	5410721.3
L4375.0	504374.5	5410721.3	66489.10156	323.98	0	48.849445	-86.940372	56299.21	56234.8	15.18	56314.40	56312.35938	56337.79022	56337.39844	504374.5	5410721.3
L4375.0	504374.5	5410723.5	66489.20313	321.95	0	48.849465	-86.940372	56299.30	56234.8	15.19	56314.48	56312.41406	56336.22431	56335.72656	504374.5	5410723.5
L4375.0	504374.4	5410725.0	66489.29688	323.22	0	48.849479	-86.940372	56299.09	56234.8	15.19	56314.28	56312.19141	56328.66543	56328.05859	504374.4	5410725.0
L4375.0	504374.4	5410725.0	66489.39844	323.35	0	48.849479	-86.940372	56299.37	56234.8	15.19	56314.56	56312.44531	56331.39967	56330.68750	504374.4	5410725.0
L4375.0	504374.4	5410727.0	66489.50000	323.34	0	48.849497	-86.940373	56299.38	56234.8	15.19	56314.57	56312.42969	56328.36366	56327.54297	504374.4	5410727.0
L4375.0	504374.4	5410728.3	66489.60156	324.33	0	48.849508	-86.940373	56299.61	56234.8	15.20	56314.80	56312.63672	56330.02883	56329.09766	504374.4	5410728.3
L4375.0	504374.4	5410729.8	66489.70313	324.32	0	48.849522	-86.940373	56299.91	56234.8	15.20	56315.11	56312.92188	56333.38557	56332.34375	504374.4	5410729.8
L4375.0	504374.4	5410729.8	66489.79688	321.83	0	48.849522	-86.940373	56299.96	56234.8	15.20	56315.16	56312.94922	56331.22368	56330.07031	504374.4	5410729.8
L4375.0	504374.4	5410731.6	66489.89844	321.84	0	48.849538	-86.940373	56300.06	56234.8	15.21	56315.27	56313.03516	56330.34534	56329.08203	504374.4	5410731.6
L4375.0	504374.4	5410733.4	66490.00000	322.23	0	48.849555	-86.940373	56300.06	56234.8	15.21	56315.27	56313.01172	56327.17324	56325.79688	504374.4	5410733.4
L4375.0	504374.3	5410735.0	66490.10156	321.96	0	48.849569	-86.940374	56300.63	56234.8	15.21	56315.83	56313.54688	56335.72961	56334.24219	504374.3	5410735.0
L4375.0	504374.3	5410735.0	66490.20313	322.81	0	48.849569	-86.940374	56300.72	56234.8	15.20	56315.93	56313.62500	56334.65905	56333.05469	504374.3	5410735.0
L4375.0	504374.3	5410736.8	66490.29688	321.97	0	48.849585	-86.940374	56300.75	56234.8	15.20	56315.95	56313.62109	56331.95720	56330.23828	504374.3	5410736.8
L4375.0	504374.3	5410736.8	66490.39844	322.27	0	48.849585	-86.940374	56300.78	56234.8	15.20	56315.98	56313.62891	56329.50137	56327.67188	504374.3	5410736.8

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4375.0	504374.3	5410739.7	66490.50000	323.50	0	48.849611	-86.940374	56301.21	56234.8	15.19	56316.40	56314.02344	56335.08239	56333.13672	504374.3	5410739.7
L4375.0	504374.3	5410739.7	66490.60156	322.33	0	48.849611	-86.940374	56301.39	56234.8	15.19	56316.58	56314.18359	56335.73639	56333.67188	504374.3	5410739.7
L4375.0	504374.3	5410740.8	66490.70313	322.53	0	48.849621	-86.940374	56301.16	56234.8	15.19	56316.35	56313.92969	56328.05763	56325.87891	504374.3	5410740.8
L4375.0	504374.3	5410742.5	66490.79688	320.43	0	48.849637	-86.940374	56301.72	56234.8	15.19	56316.91	56314.46875	56336.49589	56334.19922	504374.3	5410742.5
L4375.0	504374.3	5410742.5	66490.89844	320.00	0	48.849637	-86.940374	56301.64	56234.8	15.18	56316.82	56314.35547	56331.74211	56329.32813	504374.3	5410742.5
L4375.0	504374.3	5410744.3	66491.00000	320.22	0	48.849652	-86.940374	56301.83	56234.8	15.18	56317.01	56314.52344	56332.70169	56330.17188	504374.3	5410744.3
L4375.0	504374.3	5410745.7	66491.10156	319.94	0	48.849666	-86.940373	56301.84	56234.8	15.18	56317.02	56314.51172	56330.03950	56327.39063	504374.3	5410745.7
L4375.0	504374.3	5410747.3	66491.20313	320.37	0	48.849679	-86.940373	56302.36	56234.8	15.18	56317.54	56315.01172	56337.74780	56334.98047	504374.3	5410747.3
L4375.0	504374.3	5410747.3	66491.29688	320.72	0	48.849679	-86.940373	56302.44	56234.8	15.18	56317.62	56315.07031	56336.56642	56333.67969	504374.3	5410747.3
L4375.0	504374.3	5410749.3	66491.39844	320.51	0	48.849698	-86.940373	56302.28	56234.8	15.18	56317.47	56314.90234	56330.72018	56327.71484	504374.3	5410749.3
L4375.0	504374.3	5410750.5	66491.50000	319.19	0	48.849709	-86.940373	56302.43	56234.8	15.18	56317.61	56315.01953	56330.79543	56327.67188	504374.3	5410750.5
L4375.0	504374.3	5410750.5	66491.60156	319.19	0	48.849709	-86.940373	56302.79	56234.8	15.19	56317.98	56315.37109	56335.62687	56332.38672	504374.3	5410750.5
L4375.0	504374.4	5410752.3	66491.70313	321.31	0	48.849724	-86.940373	56303.10	56234.8	15.19	56318.28	56315.64844	56339.08656	56335.72266	504374.4	5410752.3
L4375.0	504374.4	5410753.9	66491.79688	322.85	0	48.849739	-86.940373	56303.05	56234.8	15.19	56318.24	56315.58984	56335.52972	56332.04688	504374.4	5410753.9
L4375.0	504374.4	5410753.9	66491.89844	322.95	0	48.849739	-86.940373	56303.13	56234.8	15.19	56318.32	56315.64844	56334.45794	56330.85547	504374.4	5410753.9
L4375.0	504374.4	5410755.9	66492.00000	323.67	0	48.849756	-86.940373	56303.15	56234.8	15.19	56318.34	56315.64844	56332.11631	56328.39844	504374.4	5410755.9
L4375.0	504374.4	5410757.4	66492.10156	324.22	0	48.849770	-86.940373	56303.48	56234.8	15.19	56318.67	56315.96094	56336.33748	56332.49609	504374.4	5410757.4
L4375.0	504374.4	5410759.0	66492.20313	323.50	0	48.849785	-86.940373	56303.73	56234.8	15.19	56318.93	56316.20313	56339.11783	56335.15625	504374.4	5410759.0
L4375.0	504374.4	5410759.0	66492.29688	323.79	0	48.849785	-86.940373	56303.89	56234.8	15.19	56319.08	56316.33203	56339.55885	56335.47656	504374.4	5410759.0
L4375.0	504374.4	5410760.9	66492.39844	322.85	0	48.849802	-86.940373	56303.95	56234.8	15.19	56319.14	56316.37500	56338.04424	56333.84375	504374.4	5410760.9
L4375.0	504374.4	5410762.9	66492.50000	322.09	0	48.849820	-86.940373	56303.98	56234.8	15.19	56319.18	56316.39453	56336.06956	56331.75000	504374.4	5410762.9
L4375.0	504374.4	5410762.9	66492.60156	323.36	0	48.849820	-86.940373	56304.02	56234.8	15.20	56319.21	56316.40625	56333.85500	56329.41406	504374.4	5410762.9
L4375.0	504374.4	5410764.8	66492.70313	324.46	0	48.849837	-86.940373	56304.40	56234.8	15.20	56319.60	56316.77734	56339.45581	56334.89453	504374.4	5410764.8
L4375.0	504374.4	5410766.3	66492.79688	325.18	0	48.849851	-86.940373	56304.65	56234.8	15.20	56319.85	56317.01172	56342.00589	56337.32813	504374.4	5410766.3
L4375.0	504374.4	5410766.3	66492.89844	324.84	0	48.849851	-86.940373	56304.40	56234.8	15.20	56319.60	56316.74219	56333.66976	56328.87109	504374.4	5410766.3
L4375.0	504374.3	5410768.2	66493.00000	326.06	0	48.849867	-86.940373	56304.48	56234.8	15.20	56319.68	56316.80469	56332.51242	56327.59766	504374.3	5410768.2
L4375.0	504374.3	5410768.2	66493.10156	325.25	0	48.849867	-86.940373	56304.55	56234.8	15.20	56319.74	56316.84766	56330.92447	56325.89063	504374.3	5410768.2
L4375.0	504374.3	5410769.9	66493.20313	324.13	0	48.849883	-86.940374	56304.84	56234.8	15.19	56320.03	56317.12109	56334.31732	56329.16406	504374.3	5410769.9
L4375.0	504374.3	5410771.9	66493.29688	323.65	0	48.849901	-86.940374	56305.24	56234.8	15.19	56320.43	56317.50391	56340.06569	56334.79297	504374.3	5410771.9
L4375.0	504374.3	5410771.9	66493.39844	323.53	0	48.849901	-86.940374	56305.29	56234.8	15.19	56320.48	56317.53516	56338.25455	56332.86328	504374.3	5410771.9
L4375.0	504374.3	5410773.6	66493.50000	322.54	0	48.849916	-86.940374	56305.20	56234.8	15.18	56320.38	56317.41797	56333.23853	56327.73047	504374.3	5410773.6
L4375.0	504374.2	5410775.4	66493.60156	322.54	0	48.849933	-86.940375	56305.57	56234.8	15.18	56320.76	56317.78516	56338.51200	56332.88672	504374.2	5410775.4
L4375.0	504374.2	5410775.4	66493.70313	322.11	0	48.849933	-86.940375	56305.68	56234.8	15.18	56320.86	56317.86719	56337.78882	56332.04688	504374.2	5410775.4
L4375.0	504374.2	5410777.2	66493.79688	319.87	0	48.849949	-86.940375	56305.60	56234.8	15.18	56320.78	56317.76953	56333.25042	56327.39063	504374.2	5410777.2
L4375.0	504374.2	5410778.7	66493.89844	320.15	0	48.849962	-86.940376	56306.08	56234.8	15.17	56321.25	56318.22656	56340.37813	56334.40234	504374.2	5410778.7
L4375.0	504374.2	5410778.7	66494.00000	321.82	0	48.849962	-86.940376	56306.11	56234.8	15.17	56321.28	56318.23828	56338.17930	56332.08984	504374.2	5410778.7
L4375.0	504374.1	5410780.7	66494.10156	320.67	0	48.849980	-86.940376	56305.98	56234.8	15.17	56321.15	56318.09375	56332.63335	56326.42969	504374.1	5410780.7
L4375.0	504374.1	5410782.2	66494.20313	322.53	0	48.849994	-86.940376	56306.44	56234.8	15.17	56321.61	56318.53906	56339.48812	56333.16797	504374.1	5410782.2
L4375.0	504374.1	5410783.7	66494.29688	323.39	0	48.850007	-86.940376	56306.50	56234.8	15.17	56321.66	56318.57422	56337.74289	56331.30859	504374.1	5410783.7
L4375.0	504374.1	5410783.7	66494.39844	322.75	0	48.850007	-86.940376	56306.49	56234.8	15.17	56321.65	56318.54688	56334.76228	56328.21484	504374.1	5410783.7
L4375.0	504374.1	5410785.5	66494.50000	323.17	0	48.850023	-86.940377	56306.80	56234.8	15.17	56321.96	56318.84375	56338.47493	56331.81641	504374.1	5410785.5
L4375.0	504374.1	5410787.2	66494.60156	323.38	0	48.850039	-86.940377	56307.16	56234.8	15.16	56322.32	56319.18750	56343.24767	56336.47656	504374.1	5410787.2
L4375.0	504374.1	5410787.2	66494.70313	323.49	0	48.850039	-86.940377	56307.08	56234.8	15.16	56322.25	56319.10547	56339.05667	56332.17578	504374.1	5410787.2
L4375.0	504374.1	5410789.0	66494.79688	324.28	0	48.850055	-86.940377	56307.46	56234.8	15.16	56322.63	56319.46875	56344.30214	56337.30859	504374.1	5410789.0
L4375.0	504374.1	5410790.5	66494.89844	322.54	0	48.850068	-86.940377	56307.38	56234.8	15.16	56322.54	56319.36719	56339.69023	56332.58984	504374.1	5410790.5
L4375.0	504374.1	5410792.0	66495.00000	322.16	0	48.850081	-86.940377	56307.26	56234.8	15.16	56322.42	56319.23047	56334.40488	56327.19531	504374.1	5410792.0
L4375.0	504374.1	5410792.0	66495.10156	323.51	0	48.850081	-86.940377	56307.56	56234.8	15.16	56322.72	56319.51953	56338.00184	56330.68359	504374.1	5410792.0
L4375.0	504374.0	5410793.5	66495.20313	321.34	0	48.850095	-86.940377	56307.90	56234.8	15.16	56323.06	56319.84375	56342.48254	56335.05469	504374.0	5410793.5
L4375.0	504374.0	5410795.3	66495.29688	319.79	0	48.850111	-86.940377	56307.77	56234.8	15.17	56322.94	56319.71094	56337.09790	56329.56641	504374.0	5410795.3
L4375.0	504374.0	5410795.3	66495.39844	319.69	0	48.850111	-86.940377	56307.74	56234.8	15.17	56322.91	56319.66797	56333.58308	56325.94531	504374.0	5410795.3
L4375.0	504374.0	5410797.2	66495.50000	320.93	0	48.850128	-86.940377	56307.97	56234.8	15.17	56323.14	56319.88281	56335.65417	56327.91406	504374.0	5410797.2
L4375.0	504374.1	5410798.9	66495.60156	320.93	0	48.850144	-86.940377	56308.28	56234.8	15.17	56323.45	56320.18359	56339.45145	56331.60547	504374.1	5410798.9
L4375.0	504374.1	5410798.9	66495.70313	322.54	0	48.850144	-86.940377	56308.56	56234.8	15.17	56323.73	56320.44922	56342.58368	56334.63672	504374.1	5410798.9
L4375.0	504374.1	5410800.8	66495.79688	323.98	0	48.850161	-86.940377	56308.79	56234.8	15.18	56323.96	56320.66797	56344.60563	56336.55469	504374.1	5410800.8
L4375.0	504374.1	5410800.8	66495.89844	324.84	0	48.850161	-86.940377	56309.04	56234.8	15.18	56324.22	56320.91406	56347.25483	56339.10547	504374.1	5410800.8
L4375.0	504374.1	5410804.1	66496.00000	325.64	0	48.850191	-86.940376	56308.92	56234.8	15.18	56324.10	56320.78125	56341.59421	56333.34766	504374.1	5410804.1
L4375.0	504374.1	5410804.1	66496.10156	326.84	0	48.850191	-86.940376	56309.07	56234.8	15.18	56324.25	56320.92188	56341.79350	56333.44531	504374.1	5410804.1
L4375.0	504374.1	5410804.1	66496.20313	326.82	0	48.850191	-86.940376	56309.12	56234.8	15.18	56324.30	56320.96094	56339.79341	56331.34766	504374.1	5410804.1
L4375.0	504374.1	5410806.1	66496.29688	325.72	0	48.850209	-86.940376	56309.23	56234.8	15.18	56324.40	56321.04688	56338.86401	56330.32031	504374.1	5410806.1
L4375.0	504374.2	5410807.6	66496.39844	324.92	0	48.850222	-86.940375	56309.50	56234.8	15.18	56324.68	56321.31641	56341.81705	56333.17969	504374.2	5410807.6
L4375.0	504374.2	5410809.4	66496.50000	324.61	0	48.850238	-86.940375	56309.53	56234.8	15.17	56324.70	56321.32422	56339.12314	56330.39453	504374.2	5410809.4
L4375.0	504374.2	5410809.4	66496.60156	323.78	0	48.850238	-86.940375	56309.71	56234.8	15.17	56324.88	56321.49609	56339.87543	56331.05469	504374.2	5410809.4
L4375.0	504374.2	5410811.2	66496.70313	321.20	0	48.850254	-86.940375	56309.74	56234.8	15.17	56324.91	56321.51563	56337.38425	56328.46875	504374.2	5410811.2
L4375.0	504374.2	5410812.7	66496.79688	321.34	0	48.850268	-86.940374	56310.14	56234.8	15.17	56325.31	56321.90625	56342.83503	56333.83203	504374.2	5410812.7
L4375.0	504374.2	5410812.7	66496.89844	320.86	0	48.850268	-86.940374	56310.25	56234.8	15.17	56325.42	56322.00391	56342.03760	56332.94531	504374.2	5410812.7
L4375.0	504374.3	5410814.2	66497.00000	322.29	0	48.850281	-86.940374	56310.34	56234.8	15.17	56325.51	56322.08594	56340.80271	56331.62500	504374.3	5410814.2
L4375.0	504374.3	5410816.2	66497.10156	321.24	0	48.850300	-86.940374	56310.35	56234.8	15.17	56325.52	56322.08594	56337.84848	56328.58203	504374.3	5410816.2
L4375.0	504374.3	5410816.2	66497.20313	320.76	0	48.850300	-86.940374	56310.63	56234.8	15.17	56325.80	56322.35547	56340.65370	56331.30078	504374.3	5410816.2
L4375.0	504374.3	5410818.0	66497.29688	321.52	0	48.850316	-86.940374	56310.80	56234.8	15.17	56325.97	56322.51563	56341.09441	56331.65625	504374.3	5410818.0
L4375.0	504374.3	5410818.0	66497.39844	320.85	0	48.850316	-86.940374	56311.19	56234.8	15.17	56326.36	56322.89844	56346.21227	56336.69531	504374.3	5410818.0
L4375.0	504374.3	5410820.3	66497.50000	320.79	0	48.850336	-86.940374	56311.39	56234.8	15.17	56326.56	56323.08984	56347.26521	56337.66797	504374.3	5410820.3
L4375.0	504374.2	5410822.2	66497.60156	320.79	0	48.850354	-86.940374	56311.42	56234.8	15.16	56326.58	56323.10156	56344.47401	56334.79688	504374.2	5410822.2
L4375.0	504374.2	5410823.9	66497.70313	320.71	0	48.850369	-86.940374	56311.47	56234.8	15.16	56326.63	56323.14453	56342.31238	56332.55469	504374.2	5410823.9
L4375.0	504374.2	5410823.9	66497.79688	321.52	0	48.850369	-86.940374	56311.57	56234.8	15.16	56326.74	56323.24609	56341.41546	56331.57813	504374.2	5410823.9
L4375.0	504374.2	5410825.4	66497.89844	324.01	0	48.850382	-86.940374	56311.77	56234.8	15.16	56326.93	56323.42969	56342.20565	56332.29688	504374.2	5410825.4
L4375.0	504374.2	5410825.4	66498.00000	325.60	0	48.850382	-86.940374	56312.14	56234.8	15.16	56327.30	56323.79297	56346.80561	56336.82031	504374.2	5410825.4
L4375.0	504374.2	5410827.2	66498.10156	325.65	0	48.850398	-86.940375	56312.16	56234.8	15.16	56327.32	56323.80469	56343.94146	56333.88672	504374.2	5410827.2
L4375.0	504374.2	5410829.2	66498.20313	325.57	0	48.850416	-86.940375	56312.11	56234.8	15.16	56327.26	56323.73828	56339.36795	56329.23828	504374.2	5410829.2
L4375.0	504374.2	5410830.8	66498.29688	325.55	0	48.850431	-86.940375	56312.36	56234.8	15.15	56327.51	56323.98438	56341.35348	56331.15625	504374.2	5410830.8
L4375.0	504374.2	5410830.8	66498.39844	324.11	0	48.850431	-86.940375	56312.63	56234.8	15.15	56327.78	56324.24609	56343.73070	56333.46484	504374.2	5410830.8
L4375.0	504374.1	5410832.6	66498.50000	326.44	0	48.850446	-86.940376	56312.84	56234.8	15.15	56327.99	56324.45313	56344.80980	56334.47656	504374.1	5410832.6
L4375.0	504374.1	5410833.8	66498.60156	326.53	0	48.850458	-86.940376	56313.11	56234.9	15.15	56328.26	56324.71875	56347.11401	56336.71875	504374.1	5410833.8
L4375.0	504374.1	5410833.8	66498.70313	325.97	0	48.850458	-86.940376	56313.31	56234.9	15.15	56328.45	56324.90234	56347.71037	56337.25000	504374.1	5410833.8
L4375.0	504374.1	5410836.0	66498.79688	324.58	0	48.850478	-86.940376	56313.39	56234.9	15.14	56328.53	56324.98047	56346.00955	56335.48828	504374.1	5410836.0
L4375.0	504374.1	5410837.6	66498.89844	322.67	0	48.850492	-86.940376	56313.54	56234.9	15.14	56328.68	56325.12500	56345.75648	56335.17578	504374.1	5410837.6
L4375.0	504374.1	5410837.6	66499.00000	321.87	0	48.850492	-86.940376	56313.61	56234.9	15.14	56328.75	56325.19141	56343.86898	56333.23047	504374.1	5410837.6
L4375.0	504374.1	5410839.4	66499.10156	320.22	0	48.850508	-86.940376	56313.84	56234.9	15.14	56328.99	56325.42969	56345.45022	56334.75391	504374.1	5410839.4
L4375.0	504374.1	5410840.9	66499.20313	319.52	0	48.850521	-86.940376	56313.97	56234.9	15.14	56329.12	56325.55469	56344.79698	56334.04297	504374.1	5410840.9
L4375.0	504374.1	5410840.9	66499.29688	319.46	0	48.850521	-86.940376	56314.25	56234.9	15.15	56329.40	56325.83203	56347.15749	56336.35156	504374.1	5410840.9
L4375.0	504374.0	5410843.1	66499.39844	318.06	0	48.850541	-86.940377	56314.28	56234.9	15.15	56329.43	56325.86328	56344.53551	56333.67969	504374.0	5410843.1
L4375.0	504374.0	5410844.6	66499.50000	318.09	0	48.850555	-86.940377	56314.66	56234.8	15.15	56329.81	56326.24219	56348.87722	56337.97266	504374.0	5410844.6
L4375.0	504374.0	5410844.6	66499.50000	318.09	0	48.850555	-86.940377	56314.82	56234.8	15.15	56329.97	56326.39844	56348.87431	56337.92188	504374.0	5410844.6
L4375.0	504374.0	5410845.9	66499.60156	319.38	0	48.850566	-86.940377	56314.91	56234.8	15.15	56330.07	56326.50000	56347.72616	56336.72656	504374.0	5410845.9

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4375.0	504374.0	5410847.4	66499.70313	319.68	0	48.850580	-86.940377	56314.91	56234.8	15.15	56330.07	56326.50000	56344.66234	56333.62109	504374.0	5410847.4
L4375.0	504374.0	5410849.5	66499.79688	320.12	0	48.850599	-86.940377	56315.18	56234.8	15.16	56330.33	56326.76172	56346.72392	56335.64063	504374.0	5410849.5
L4375.0	504374.0	5410850.7	66500.00000	317.51	0	48.850610	-86.940377	56315.45	56234.8	15.16	56330.61	56327.04297	56349.21680	56338.09375	504374.0	5410850.7
L4375.0	504374.0	5410850.7	66500.00000	319.23	0	48.850610	-86.940377	56315.68	56234.8	15.16	56330.84	56327.27344	56350.77792	56339.61719	504374.0	5410850.7
L4375.0	504374.0	5410852.5	66500.10156	318.07	0	48.850626	-86.940378	56315.89	56234.8	15.16	56331.05	56327.48438	56351.99462	56340.79688	504374.0	5410852.5
L4375.0	504374.0	5410854.2	66500.20313	320.02	0	48.850641	-86.940378	56315.96	56234.8	15.16	56331.12	56327.55859	56350.49565	56339.26563	504374.0	5410854.2
L4375.0	504374.0	5410854.2	66500.39844	322.35	0	48.850641	-86.940378	56316.14	56234.8	15.16	56331.31	56327.75000	56351.39926	56340.13672	504374.0	5410854.2
L4375.0	504373.9	5410856.2	66500.50000	323.06	0	48.850660	-86.940378	56316.12	56234.8	15.17	56331.29	56327.73438	56348.15795	56336.86719	504373.9	5410856.2
L4375.0	504373.9	5410857.7	66500.60156	324.08	0	48.850673	-86.940378	56316.32	56234.8	15.17	56331.48	56327.92969	56349.12286	56337.80469	504373.9	5410857.7
L4375.0	504373.9	5410857.7	66500.70313	321.61	0	48.850673	-86.940378	56316.75	56234.8	15.17	56331.92	56328.37500	56355.16494	56343.82422	504373.9	5410857.7
L4375.0	504373.9	5410859.4	66500.79688	322.39	0	48.850688	-86.940378	56316.88	56234.8	15.17	56332.05	56328.50781	56355.02111	56343.65625	504373.9	5410859.4
L4375.0	504373.9	5410859.4	66500.89844	322.67	0	48.850688	-86.940378	56316.93	56234.8	15.17	56332.10	56328.56641	56353.27583	56341.89063	504373.9	5410859.4
L4375.0	504373.9	5410861.7	66501.00000	324.67	0	48.850708	-86.940378	56317.04	56234.8	15.17	56332.21	56328.68359	56352.76854	56341.36719	504373.9	5410861.7
L4375.0	504373.9	5410863.4	66501.10156	322.70	0	48.850724	-86.940378	56317.06	56234.8	15.17	56332.23	56328.71094	56350.44459	56339.02734	504373.9	5410863.4
L4375.0	504373.9	5410863.4	66501.20313	321.96	0	48.850724	-86.940378	56317.19	56234.8	15.17	56332.36	56328.84766	56350.40157	56338.96875	504373.9	5410863.4
L4375.0	504373.9	5410865.2	66501.29688	322.33	0	48.850740	-86.940378	56317.59	56234.8	15.17	56332.76	56329.25391	56355.95370	56344.51172	504373.9	5410865.2
L4375.0	504373.9	5410866.6	66501.39844	321.88	0	48.850753	-86.940378	56317.80	56234.8	15.17	56332.97	56329.47656	56357.64769	56346.19531	504373.9	5410866.6
L4375.0	504373.9	5410866.6	66501.50000	322.24	0	48.850753	-86.940378	56317.92	56234.8	15.17	56333.09	56329.60547	56357.53337	56346.07813	504373.9	5410866.6
L4375.0	504373.9	5410868.6	66501.60156	322.24	0	48.850771	-86.940378	56318.04	56234.8	15.17	56333.21	56329.73438	56357.47036	56346.01172	504373.9	5410868.6
L4375.0	504373.9	5410870.1	66501.70313	322.70	0	48.850785	-86.940378	56318.34	56234.8	15.17	56333.51	56330.04688	56361.17533	56349.71484	504373.9	5410870.1
L4375.0	504373.9	5410870.1	66501.79688	321.70	0	48.850785	-86.940378	56318.59	56234.8	15.17	56333.76	56330.30859	56363.91207	56352.45313	504373.9	5410870.1
L4375.0	504373.9	5410871.9	66501.89844	323.51	0	48.850800	-86.940379	56318.44	56234.8	15.17	56333.61	56330.17188	56358.48702	56347.03125	504373.9	5410871.9
L4375.0	504373.8	5410873.8	66502.00000	321.65	0	48.850817	-86.940379	56318.41	56234.8	15.17	56333.58	56330.15234	56355.62162	56344.17188	504373.8	5410873.8
L4375.0	504373.8	5410873.8	66502.10156	322.63	0	48.850817	-86.940379	56318.70	56234.8	15.17	56333.86	56330.44922	56359.22442	56347.78516	504373.8	5410873.8
L4375.0	504373.8	5410875.2	66502.20313	321.97	0	48.850830	-86.940379	56318.74	56234.8	15.17	56333.90	56330.50391	56357.98855	56346.56250	504373.8	5410875.2
L4375.0	504373.8	5410876.9	66502.29688	320.97	0	48.850846	-86.940380	56318.75	56234.8	15.16	56333.91	56330.52734	56356.23578	56344.82422	504373.8	5410876.9
L4375.0	504373.8	5410876.9	66502.39844	320.34	0	48.850846	-86.940380	56318.94	56234.8	15.16	56334.10	56330.73438	56358.29134	56346.89453	504373.8	5410876.9
L4375.0	504373.7	5410879.0	66502.50000	320.79	0	48.850864	-86.940380	56318.90	56234.8	15.16	56334.06	56330.71094	56355.72255	56344.34766	504373.7	5410879.0
L4375.0	504373.7	5410880.8	66502.60156	321.43	0	48.850880	-86.940381	56318.92	56234.8	15.16	56334.08	56330.74609	56354.49735	56343.14453	504373.7	5410880.8
L4375.0	504373.7	5410882.2	66502.70313	320.63	0	48.850893	-86.940381	56319.15	56234.8	15.16	56334.30	56330.98438	56357.51477	56346.18750	504373.7	5410882.2
L4375.0	504373.7	5410882.2	66502.79688	321.31	0	48.850893	-86.940381	56319.34	56234.8	15.15	56334.49	56331.19531	56360.04071	56348.74219	504373.7	5410882.2
L4375.0	504373.7	5410884.2	66502.89844	323.18	0	48.850911	-86.940381	56319.36	56234.8	15.15	56334.51	56331.23438	56359.17577	56347.91016	504373.7	5410884.2
L4375.0	504373.7	5410885.6	66503.00000	323.69	0	48.850923	-86.940381	56319.43	56234.8	15.15	56334.58	56331.32422	56359.47186	56348.24219	504373.7	5410885.6
L4375.0	504373.7	5410885.6	66503.10156	323.37	0	48.850923	-86.940381	56319.56	56234.9	15.15	56334.71	56331.47656	56361.14610	56349.95313	504373.7	5410885.6
L4375.0	504373.7	5410887.0	66503.20313	322.39	0	48.850936	-86.940381	56319.51	56234.9	15.15	56334.66	56331.44922	56359.20589	56348.05469	504373.7	5410887.0
L4375.0	504373.7	5410889.0	66503.29688	319.17	0	48.850954	-86.940381	56319.43	56234.9	15.14	56334.58	56331.39063	56356.76591	56345.65625	504373.7	5410889.0
L4375.0	504373.7	5410889.0	66503.39844	320.14	0	48.850954	-86.940381	56319.62	56234.9	15.14	56334.76	56331.59766	56359.89345	56348.83203	504373.7	5410889.0
L4375.0	504373.6	5410890.5	66503.50000	320.75	0	48.850967	-86.940382	56319.81	56234.9	15.14	56334.95	56331.81250	56363.38003	56352.37109	504373.6	5410890.5
L4375.0	504373.6	5410891.9	66503.60156	320.75	0	48.850981	-86.940382	56319.87	56234.9	15.14	56335.00	56331.88672	56364.08182	56353.12500	504373.6	5410891.9
L4375.0	504373.6	5410891.9	66503.70313	321.46	0	48.850981	-86.940382	56320.04	56234.9	15.14	56335.18	56332.09375	56367.65966	56356.75781	504373.6	5410891.9
L4375.0	504373.6	5410893.9	66503.79688	323.88	0	48.850998	-86.940382	56319.94	56234.9	15.13	56335.07	56332.00781	56365.29796	56354.45703	504373.6	5410893.9
L4375.0	504373.6	5410895.7	66503.89844	324.28	0	48.851014	-86.940382	56319.66	56234.9	15.13	56334.80	56331.76563	56359.72222	56348.94141	504373.6	5410895.7
L4375.0	504373.6	5410897.2	66504.00000	322.19	0	48.851028	-86.940382	56319.84	56234.9	15.13	56334.97	56331.96484	56363.54915	56352.83594	504373.6	5410897.2
L4375.0	504373.6	5410897.2	66504.10156	322.32	0	48.851028	-86.940382	56320.20	56234.9	15.13	56335.32	56332.34766	56371.31881	56360.67578	504373.6	5410897.2
L4375.0	504373.6	5410899.2	66504.20313	323.47	0	48.851046	-86.940382	56320.04	56234.9	15.12	56335.16	56332.21484	56368.53035	56357.95703	504373.6	5410899.2
L4375.0	504373.6	5410899.2	66504.29688	325.67	0	48.851046	-86.940382	56319.89	56234.9	15.12	56335.01	56332.09766	56366.11944	56355.62109	504373.6	5410899.2
L4375.0	504373.6	5410901.0	66504.39844	326.77	0	48.851062	-86.940382	56320.07	56234.9	15.11	56335.18	56332.30078	56370.59539	56360.17578	504373.6	5410901.0
L4375.0	504373.6	5410902.5	66504.50000	324.40	0	48.851076	-86.940382	56319.96	56234.9	15.11	56335.07	56332.22266	56369.36603	56359.03125	504373.6	5410902.5
L4375.0	504373.6	5410903.7	66504.60156	323.16	0	48.851087	-86.940383	56319.71	56234.9	15.11	56334.82	56332.00781	56365.38242	56355.13281	504373.6	5410903.7
L4375.0	504373.6	5410903.7	66504.70313	322.12	0	48.851087	-86.940383	56319.66	56234.9	15.10	56334.77	56331.99219	56365.77006	56355.60547	504373.6	5410903.7
L4375.0	504373.5	5410905.2	66504.79688	320.85	0	48.851100	-86.940383	56319.86	56234.9	15.10	56334.96	56332.21484	56371.35510	56361.28125	504373.5	5410905.2
L4375.0	504373.5	5410907.1	66504.89844	321.76	0	48.851117	-86.940383	56319.92	56234.9	15.09	56335.02	56332.31250	56374.40247	56364.42578	504373.5	5410907.1
L4375.0	504373.5	5410908.9	66505.00000	321.63	0	48.851134	-86.940384	56319.27	56234.9	15.09	56334.36	56331.69141	56362.61824	56352.73828	504373.5	5410908.9
L4375.0	504373.5	5410908.9	66505.10156	321.91	0	48.851134	-86.940384	56319.34	56234.9	15.09	56334.43	56331.79688	56366.25823	56356.48047	504373.5	5410908.9
L4375.0	504373.5	5410910.7	66505.20313	320.94	0	48.851149	-86.940384	56319.46	56234.9	15.09	56334.55	56331.95703	56371.12476	56361.44922	504373.5	5410910.7
L4375.0	504373.5	5410910.7	66505.29688	322.57	0	48.851149	-86.940384	56318.92	56234.9	15.09	56334.01	56331.45703	56362.43762	56352.87109	504373.5	5410910.7
L4375.0	504373.4	5410912.6	66505.39844	324.35	0	48.851167	-86.940384	56318.88	56234.9	15.09	56333.97	56331.45703	56364.35129	56354.89453	504373.4	5410912.6
L4375.0	504373.4	5410914.1	66505.50000	324.51	0	48.851180	-86.940384	56318.71	56234.9	15.09	56333.81	56331.33594	56363.95431	56354.61328	504373.4	5410914.1
L4375.0	504373.4	5410915.6	66505.60156	324.51	0	48.851194	-86.940385	56318.72	56234.9	15.10	56333.81	56331.37891	56367.06509	56357.83984	504373.4	5410915.6
L4375.0	504373.4	5410915.6	66505.70313	321.56	0	48.851194	-86.940385	56318.82	56234.9	15.10	56333.92	56331.53125	56372.63280	56363.52734	504373.4	5410915.6
L4375.0	504373.4	5410917.4	66505.79688	321.24	0	48.851209	-86.940385	56318.36	56234.9	15.10	56333.46	56331.11719	56366.55254	56357.56641	504373.4	5410917.4
L4375.0	504373.4	5410919.1	66505.89844	320.26	0	48.851225	-86.940385	56318.20	56234.9	15.10	56333.30	56331.00000	56366.87173	56358.01172	504373.4	5410919.1
L4375.0	504373.4	5410919.1	66506.00000	320.45	0	48.851225	-86.940385	56317.98	56234.9	15.10	56333.08	56330.82422	56366.12403	56357.39453	504373.4	5410919.1
L4375.0	504373.3	5410920.9	66506.10156	322.93	0	48.851241	-86.940385	56317.54	56234.9	15.10	56332.64	56330.42969	56361.01945	56352.41797	504373.3	5410920.9
L4375.0	504373.3	5410922.4	66506.20313	322.24	0	48.851255	-86.940385	56317.50	56234.9	15.10	56332.59	56330.42969	56364.12049	56355.65234	504373.3	5410922.4
L4375.0	504373.3	5410922.4	66506.29688	322.29	0	48.851255	-86.940385	56317.57	56234.9	15.09	56332.66	56330.54688	56369.82602	56361.49609	504373.3	5410922.4
L4375.0	504373.3	5410924.3	66506.39844	323.22	0	48.851272	-86.940386	56317.11	56234.9	15.09	56332.20	56330.13281	56364.84381	56356.65234	504373.3	5410924.3
L4375.0	504373.3	5410926.5	66506.50000	323.25	0	48.851291	-86.940386	56316.80	56234.9	15.09	56331.89	56329.87500	56363.10984	56355.06250	504373.3	5410926.5
L4375.0	504373.3	5410927.8	66506.60156	322.22	0	48.851304	-86.940386	56316.60	56234.9	15.09	56331.69	56329.72266	56363.77865	56355.87500	504373.3	5410927.8
L4375.0	504373.3	5410927.8	66506.70313	321.97	0	48.851304	-86.940386	56316.42	56234.9	15.09	56331.51	56329.59375	56365.00722	56357.24609	504373.3	5410927.8
L4375.0	504373.3	5410929.3	66506.79688	321.35	0	48.851317	-86.940386	56315.91	56234.9	15.08	56330.99	56329.12500	56359.56219	56351.94922	504373.3	5410929.3
L4375.0	504373.2	5410930.5	66506.89844	320.21	0	48.851328	-86.940387	56315.76	56234.9	15.08	56330.84	56329.02734	56361.71977	56354.26172	504373.2	5410930.5
L4375.0	504373.2	5410930.5	66507.00000	321.53	0	48.851328	-86.940387	56315.47	56234.9	15.08	56330.55	56328.78906	56361.23373	56353.92578	504373.2	5410930.5
L4375.0	504373.2	5410932.6	66507.10156	318.59	0	48.851347	-86.940387	56314.84	56234.9	15.08	56329.92	56328.21094	56354.16904	56347.01953	504373.2	5410932.6
L4375.0	504373.2	5410934.0	66507.20313	318.82	0	48.851359	-86.940387	56314.64	56234.9	15.08	56329.72	56328.06641	56355.81342	56348.82031	504373.2	5410934.0
L4375.0	504373.2	5410935.8	66507.29688	317.17	0	48.851375	-86.940387	56314.42	56234.9	15.08	56329.50	56327.90234	56357.21242	56350.37500	504373.2	5410935.8
L4375.0	504373.2	5410935.8	66507.39844	317.48	0	48.851375	-86.940387	56314.28	56234.9	15.08	56329.36	56327.81641	56360.33684	56353.66406	504373.2	5410935.8
L4375.0	504373.2	5410938.0	66507.50000	319.62	0	48.851395	-86.940387	56313.91	56234.9	15.08	56328.99	56327.50391	56359.09465	56352.58203	504373.2	5410938.0
L4375.0	504373.1	5410939.3	66507.60156	319.62	0	48.851407	-86.940388	56313.16	56234.9	15.08	56328.24	56326.80859	56350.56097	56344.21484	504373.1	5410939.3
L4375.0	504373.1	5410939.3	66507.70313	322.41	0	48.851407	-86.940388	56312.95	56234.9	15.08	56328.03	56326.65625	56352.77959	56346.59766	504373.1	5410939.3
L4375.0	504373.1	5410940.8	66507.79688	319.94	0	48.851420	-86.940388	56312.46	56234.9	15.08	56327.54	56326.22266	56349.65519	56343.64063	504373.1	5410940.8
L4375.0	504373.1	5410942.3	66507.89844	320.82	0	48.851434	-86.940388	56312.26	56234.9	15.08	56327.34	56326.08203	56352.37551	56346.52734	504373.1	5410942.3
L4375.0	504373.1	5410944.4	66508.00000	320.51	0	48.851452	-86.940389	56311.65	56234.9	15.08	56326.73	56325.53125	56347.16913	56341.49219	504373.1	5410944.4
L4375.0	504373.1	5410944.4	66508.10156	320.89	0	48.851452	-86.940389	56311.42	56234.9	15.08	56326.50	56325.35938	56349.59490	56344.08984	504373.1	5410944.4
L4375.0	504373.0	5410945.8	66508.20313	320.34	0	48.851465	-86.940389	56311.12	56234.9	15.08	56326.20	56325.12109	56350.78896	56345.45313	504373.0	5410945.8
L4375.0	504373.0	5410945.8	66508.29688	320.84	0	48.851465	-86.940389	56310.52	56234.9	15.08	56325.60	56324.58203	56346.12510	56340.96484	504373.0	5410945.8
L4375.0	504373.0	5410947.5	66508.39844	319.93	0	48.851481	-86.940389	56309.94	56234.9	15.08	56325.02	56324.06250	56341.93101	56336.94531	504373.0	5410947.5
L4375.0	504373.0	5410949.2	66508.50000	321.01	0	48.851496	-86.940389	56309.63	56234.9	15.08	56324.71	56323.81250	56343.27460	56338.46094	504373.0	5410949.2
L4375.0	504373.0	5410951.1	66508.60156	323.42	0	48.851512	-86.940390	56309.38	56234.9	15.08	56324.46	56323.62500	56345.97328	56341.33594	504373.0	5410951.1
L4375.0	504373.0	5410951.1	66508.70313	322.13	0	48.851512	-86.940390	56308.74	56234.9	15.08	56323.82	56323.04688	56340.78034	56336.31641	504373.0	5410951.1
L4375.0	504373.0	5410952.0	66508.79688	323.46	0	48.851521	-86.940390	56308.59	56234.9	15.08	56323.67	56322.96094	56345.77407	56341.48828	504373.0	5410952.0
L4375.0	504373.0	5410953.3	66508.89844	323.40	0	48.851532	-86.940390	56308.11	56234.9	15.08	56323.19	56322.54297	56344.02885	56339.91797	504373.0	5410953.3
L4375.0	504373.0	5410955.0	66509.00000	323.06	0	48.851548	-86.940390	56307.64	56234.9	15.08	56322.72	56322.13672	56342.54851	56338.61328	504373.0	5410955.0

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4375.0	504373.0	5410955.0	66509.10156	320.94	0	48.851548	-86.940390	56306.92	56234.9	15.08	56322.00	56321.48047	56335.81766	56332.05859	504373.0	5410955.0
L4375.0	504373.0	5410956.4	66509.20313	322.35	0	48.851561	-86.940389	56306.75	56234.9	15.08	56321.83	56321.37500	56340.80850	56337.22656	504373.0	5410956.4
L4375.0	504373.0	5410958.1	66509.29688	322.02	0	48.851576	-86.940389	56306.39	56234.9	15.07	56321.46	56321.07031	56341.62750	56338.21875	504373.0	5410958.1
L4375.0	504373.0	5410960.2	66509.39844	323.01	0	48.851594	-86.940389	56305.65	56234.9	15.07	56320.72	56320.39453	56334.51885	56331.28516	504373.0	5410960.2
L4375.0	504373.0	5410960.2	66509.50000	324.53	0	48.851594	-86.940389	56305.24	56234.9	15.07	56320.31	56320.05078	56334.55077	56331.49219	504373.0	5410960.2
L4375.0	504373.0	5410961.9	66509.60156	324.53	0	48.851610	-86.940389	56305.02	56234.9	15.07	56320.08	56319.88672	56338.55339	56335.67188	504373.0	5410961.9
L4375.0	504373.0	5410963.8	66509.70313	324.31	0	48.851627	-86.940389	56304.68	56234.9	15.07	56319.75	56319.62109	56340.43803	56337.72656	504373.0	5410963.8
L4375.0	504373.1	5410965.6	66509.79688	324.55	0	48.851643	-86.940389	56304.09	56234.9	15.06	56319.15	56319.08594	56336.43877	56333.90234	504373.1	5410965.6
L4375.0	504373.1	5410965.6	66509.89844	325.87	0	48.851643	-86.940389	56303.89	56234.9	15.06	56318.95	56318.95313	56341.24877	56338.88281	504373.1	5410965.6
L4375.0	504373.1	5410967.4	66510.00000	324.04	0	48.851659	-86.940388	56303.23	56234.9	15.06	56318.29	56318.35938	56335.95330	56333.75781	504373.1	5410967.4
L4375.0	504373.1	5410967.4	66510.10156	324.30	0	48.851659	-86.940388	56302.87	56234.9	15.06	56317.93	56318.06641	56337.28249	56335.25781	504373.1	5410967.4
L4375.0	504373.1	5410969.3	66510.20313	324.80	0	48.851676	-86.940388	56302.21	56234.9	15.06	56317.27	56317.47266	56331.99147	56330.13281	504373.1	5410969.3
L4375.0	504373.1	5410971.1	66510.29688	322.63	0	48.851693	-86.940388	56302.06	56234.9	15.06	56317.12	56317.39063	56337.98202	56336.29297	504373.1	5410971.1
L4375.0	504373.1	5410971.1	66510.39844	322.31	0	48.851693	-86.940388	56301.34	56234.9	15.06	56316.40	56316.73828	56331.36599	56329.83984	504373.1	5410971.1
L4375.0	504373.1	5410972.9	66510.50000	324.42	0	48.851709	-86.940388	56300.65	56234.9	15.07	56315.71	56316.11719	56325.41408	56324.05078	504373.1	5410972.9
L4375.0	504373.1	5410974.4	66510.60156	324.02	0	48.851722	-86.940388	56300.66	56234.9	15.07	56315.72	56316.19531	56334.92545	56333.72656	504373.1	5410974.4
L4375.0	504373.1	5410974.4	66510.70313	324.44	0	48.851722	-86.940388	56300.09	56234.9	15.07	56315.15	56315.69141	56331.60770	56330.56641	504373.1	5410974.4
L4375.0	504373.1	5410975.9	66510.79688	325.65	0	48.851736	-86.940388	56299.57	56234.9	15.07	56314.64	56315.25000	56329.60304	56328.72266	504373.1	5410975.9
L4375.0	504373.1	5410978.3	66510.89844	324.01	0	48.851758	-86.940387	56299.20	56234.9	15.07	56314.27	56314.94531	56330.66049	56329.93359	504373.1	5410978.3
L4375.0	504373.1	5410979.8	66511.00000	323.04	0	48.851771	-86.940387	56298.56	56234.9	15.07	56313.63	56314.37500	56325.76632	56325.19531	504373.1	5410979.8
L4375.0	504373.1	5410979.8	66511.10156	321.33	0	48.851771	-86.940387	56298.32	56234.9	15.06	56313.39	56314.20313	56329.61600	56329.19531	504373.1	5410979.8
L4375.0	504373.2	5410981.8	66511.20313	321.25	0	48.851789	-86.940387	56297.94	56234.9	15.06	56313.00	56313.87891	56330.14005	56329.86719	504373.2	5410981.8
L4375.0	504373.2	5410981.8	66511.29688	320.67	0	48.851789	-86.940387	56297.16	56234.9	15.05	56312.21	56313.15625	56321.91306	56321.78906	504373.2	5410981.8
L4375.0	504373.2	5410983.7	66511.39844	321.01	0	48.851806	-86.940387	56296.90	56235	15.05	56311.94	56312.95703	56324.97746	56324.99609	504373.2	5410983.7
L4375.0	504373.2	5410985.3	66511.50000	323.27	0	48.851821	-86.940387	56296.39	56235	15.04	56311.43	56312.51172	56322.78001	56322.94141	504373.2	5410985.3
L4375.0	504373.2	5410985.3	66511.60156	323.27	0	48.851821	-86.940387	56295.72	56235	15.03	56310.75	56311.90234	56316.86990	56317.16797	504373.2	5410985.3
L4375.0	504373.2	5410987.2	66511.70313	323.86	0	48.851838	-86.940387	56295.42	56235	15.03	56310.45	56311.66797	56319.12300	56319.55859	504373.2	5410987.2
L4375.0	504373.2	5410988.7	66511.79688	323.52	0	48.851851	-86.940387	56295.06	56235	15.02	56310.08	56311.36719	56319.80030	56320.36719	504373.2	5410988.7
L4375.0	504373.2	5410990.2	66511.89844	323.88	0	48.851865	-86.940387	56294.40	56235	15.02	56309.41	56310.76172	56313.97872	56314.67578	504373.2	5410990.2
L4375.0	504373.2	5410990.2	66512.00000	321.65	0	48.851865	-86.940387	56294.45	56235	15.01	56309.46	56310.88281	56323.51788	56324.34375	504373.2	5410990.2
L4375.0	504373.2	5410991.5	66512.10156	322.12	0	48.851877	-86.940387	56293.78	56235	15.01	56308.79	56310.27734	56317.57552	56318.52344	504373.2	5410991.5
L4375.0	504373.2	5410993.3	66512.20313	323.64	0	48.851892	-86.940386	56293.55	56235	15.01	56308.55	56310.10547	56320.74151	56321.81250	504373.2	5410993.3
L4375.0	504373.2	5410993.3	66512.29688	325.14	0	48.851892	-86.940386	56293.28	56235	15.00	56308.28	56309.90234	56323.17837	56324.36719	504373.2	5410993.3
L4375.0	504373.2	5410996.6	66512.39844	324.17	0	48.851922	-86.940386	56292.38	56235	15.00	56307.38	56309.07031	56312.15242	56313.45313	504373.2	5410996.6
L4375.0	504373.2	5410996.6	66512.50000	322.61	0	48.851922	-86.940386	56292.07	56235	15.00	56307.07	56308.82422	56313.57770	56314.98828	504373.2	5410996.6
L4375.0	504373.3	5410998.1	66512.60156	322.67	0	48.851936	-86.940386	56291.88	56235	15.00	56306.88	56308.70313	56317.44811	56318.96875	504373.3	5410998.1
L4375.0	504373.3	5410998.1	66512.70313	321.38	0	48.851936	-86.940386	56291.48	56235	15.00	56306.48	56308.36719	56316.77400	56318.39844	504373.3	5410998.1
L4375.0	504373.3	5411000.2	66512.79688	322.48	0	48.851955	-86.940385	56290.79	56235	14.99	56305.79	56307.74219	56309.87362	56311.59766	504373.3	5411000.2
L4375.0	504373.3	5411001.1	66512.89844	322.47	0	48.851962	-86.940385	56290.85	56235	14.99	56305.84	56307.85938	56318.50895	56320.32813	504373.3	5411001.1
L4375.0	504373.3	5411002.9	66513.00000	322.79	0	48.851979	-86.940385	56290.21	56235	14.99	56305.20	56307.28516	56312.46169	56314.37500	504373.3	5411002.9
L4375.0	504373.3	5411004.2	66513.10156	322.22	0	48.851990	-86.940384	56289.54	56235	14.99	56304.53	56306.67969	56305.67235	56307.67578	504373.3	5411004.2
L4375.0	504373.3	5411004.2	66513.20313	322.20	0	48.851990	-86.940384	56289.39	56235	14.99	56304.38	56306.59375	56309.74986	56311.83984	504373.3	5411004.2
L4375.0	504373.4	5411006.2	66513.29688	319.81	0	48.852008	-86.940384	56288.91	56235	14.98	56303.89	56306.16797	56306.52655	56308.69922	504373.4	5411006.2
L4375.0	504373.4	5411008.0	66513.39844	317.52	0	48.852025	-86.940384	56288.53	56235	14.98	56303.51	56305.85547	56305.50335	56307.75391	504373.4	5411008.0
L4375.0	504373.4	5411008.0	66513.50000	317.29	0	48.852025	-86.940384	56288.50	56235	14.98	56303.48	56305.88672	56311.77335	56314.10156	504373.4	5411008.0
L4375.0	504373.4	5411010.2	66513.60156	317.29	0	48.852044	-86.940383	56288.20	56235	14.98	56303.18	56305.65234	56312.20468	56314.60547	504373.4	5411010.2
L4375.0	504373.4	5411010.2	66513.70313	322.13	0	48.852044	-86.940383	56287.66	56235	14.98	56302.64	56305.17578	56307.39466	56309.86328	504373.4	5411010.2
L4375.0	504373.4	5411011.7	66513.79688	323.09	0	48.852058	-86.940383	56287.40	56235	14.97	56302.37	56304.96875	56308.19462	56310.72656	504373.4	5411011.7
L4375.0	504373.4	5411011.7	66513.89844	322.90	0	48.852058	-86.940383	56287.11	56235	14.97	56302.08	56304.74219	56308.43348	56311.02734	504373.4	5411011.7
L4375.0	504373.5	5411013.7	66514.00000	322.37	0	48.852076	-86.940383	56286.69	56235	14.97	56301.66	56304.38281	56305.73043	56308.38281	504373.5	5411013.7
L4375.0	504373.5	5411015.2	66514.10156	324.07	0	48.852090	-86.940383	56286.23	56235	14.97	56301.20	56303.98828	56301.99230	56304.69922	504373.5	5411015.2
L4375.0	504373.5	5411016.8	66514.20313	323.24	0	48.852104	-86.940383	56285.67	56235	14.97	56300.63	56303.48047	56295.67931	56298.43750	504373.5	5411016.8
L4375.0	504373.5	5411018.2	66514.29688	322.42	0	48.852117	-86.940382	56285.36	56235	14.96	56300.33	56303.24219	56295.05633	56297.85938	504373.5	5411018.2
L4375.0	504373.5	5411018.2	66514.39844	323.92	0	48.852117	-86.940382	56285.46	56235	14.96	56300.42	56303.39063	56302.82109	56305.66797	504373.5	5411018.2
L4375.0	504373.5	5411019.7	66514.50000	323.03	0	48.852130	-86.940382	56285.20	56235	14.96	56300.16	56303.19141	56302.78425	56305.67188	504373.5	5411019.7
L4375.0	504373.5	5411019.7	66514.60156	322.64	0	48.852130	-86.940382	56284.83	56235	14.96	56299.79	56302.88281	56300.16019	56303.08594	504373.5	5411019.7
L4375.0	504373.5	5411021.5	66514.70313	321.23	0	48.852146	-86.940382	56284.60	56235	14.96	56299.56	56302.71484	56300.45148	56303.41016	504373.5	5411021.5
L4375.0	504373.5	5411023.2	66514.79688	322.00	0	48.852162	-86.940382	56284.46	56235	14.95	56299.42	56302.63281	56302.56542	56305.55469	504373.5	5411023.2
L4375.0	504373.5	5411025.5	66514.89844	323.22	0	48.852182	-86.940382	56283.79	56235	14.95	56298.74	56302.01563	56292.58571	56295.60156	504373.5	5411025.5
L4375.0	504373.5	5411025.5	66515.00000	323.56	0	48.852182	-86.940382	56284.11	56235.1	14.95	56299.06	56302.39453	56304.51906	56307.55859	504373.5	5411025.5
L4375.0	504373.5	5411027.0	66515.10156	325.89	0	48.852196	-86.940382	56283.70	56235.1	14.95	56298.65	56302.04297	56300.16978	56303.23047	504373.5	5411027.0
L4375.0	504373.5	5411028.8	66515.20313	327.37	0	48.852212	-86.940381	56283.37	56235.1	14.95	56298.32	56301.76953	56297.43008	56300.50781	504373.5	5411028.8
L4375.0	504373.6	5411030.3	66515.29688	327.21	0	48.852225	-86.940381	56283.47	56235.1	14.94	56298.42	56301.92969	56303.94913	56307.04297	504373.6	5411030.3
L4375.0	504373.6	5411030.3	66515.39844	324.22	0	48.852225	-86.940381	56282.76	56235.1	14.94	56297.70	56301.26563	56292.39121	56295.49609	504373.6	5411030.3
L4375.0	504373.6	5411032.6	66515.50000	325.07	0	48.852246	-86.940381	56283.04	56235.1	14.94	56297.98	56301.60547	56302.44864	56305.56250	504373.6	5411032.6
L4375.0	504373.6	5411032.6	66515.60156	325.07	0	48.852246	-86.940381	56282.48	56235.1	14.94	56297.42	56301.10156	56294.14221	56297.26172	504373.6	5411032.6
L4375.0	504373.6	5411034.8	66515.70313	323.93	0	48.852266	-86.940380	56282.66	56235.1	14.94	56297.60	56301.33984	56301.62206	56304.75000	504373.6	5411034.8
L4375.0	504373.6	5411035.9	66515.79688	322.12	0	48.852275	-86.940380	56282.07	56235.1	14.93	56297.01	56300.80469	56292.47460	56295.60156	504373.6	5411035.9
L4375.0	504373.6	5411037.7	66515.89844	320.78	0	48.852292	-86.940380	56282.20	56235.1	14.93	56297.13	56300.98047	56298.30351	56301.42969	504373.6	5411037.7
L4375.0	504373.6	5411037.7	66516.00000	321.08	0	48.852292	-86.940380	56282.09	56235.1	14.93	56297.02	56300.92578	56299.08378	56302.20703	504373.6	5411037.7
L4375.0	504373.7	5411039.8	66516.10156	320.68	0	48.852310	-86.940380	56281.74	56235.1	14.93	56296.67	56300.63281	56294.71017	56297.82813	504373.7	5411039.8
L4375.0	504373.7	5411039.8	66516.20313	321.02	0	48.852310	-86.940380	56281.89	56235.1	14.92	56296.81	56300.82813	56300.41506	56303.52734	504373.7	5411039.8
L4375.0	504373.7	5411041.8	66516.29688	320.93	0	48.852329	-86.940379	56281.58	56235.1	14.92	56296.49	56300.56250	56296.44765	56299.55078	504373.7	5411041.8
L4375.0	504373.7	5411043.6	66516.39844	320.38	0	48.852345	-86.940379	56281.56	56235.1	14.91	56296.47	56300.59766	56298.55235	56301.64453	504373.7	5411043.6
L4375.0	504373.7	5411043.6	66516.50000	320.03	0	48.852345	-86.940379	56281.73	56235.1	14.90	56296.64	56300.82031	56304.39895	56307.47656	504373.7	5411043.6
L4375.0	504373.7	5411045.4	66516.60156	320.40	0	48.852361	-86.940379	56281.34	56235.1	14.90	56296.24	56300.47656	56298.51426	56301.57813	504373.7	5411045.4
L4375.0	504373.7	5411047.1	66516.70313	318.39	0	48.852376	-86.940379	56281.50	56235.1	14.89	56296.40	56300.68750	56303.91576	56306.96094	504373.7	5411047.1
L4375.0	504373.7	5411047.1	66516.79688	318.80	0	48.852376	-86.940379	56281.18	56235.1	14.89	56296.07	56300.41016	56299.30158	56302.33203	504373.7	5411047.1
L4375.0	504373.7	5411048.7	66516.89844	319.40	0	48.852390	-86.940378	56281.08	56235.1	14.88	56295.96	56300.35547	56299.06382	56302.07422	504373.7	5411048.7
L4375.0	504373.7	5411048.7	66517.00000	320.19	0	48.852390	-86.940378	56281.10	56235.1	14.88	56295.98	56300.42578	56301.37957	56304.36719	504373.7	5411048.7
L4375.0	504373.7	5411050.5	66517.10156	321.54	0	48.852407	-86.940378	56280.89	56235.1	14.88	56295.77	56300.26563	56298.98851	56301.95703	504373.7	5411050.5
L4375.0	504373.7	5411051.6	66517.20313	321.97	0	48.852417	-86.940378	56280.64	56235.1	14.88	56295.52	56300.07031	56295.72519	56298.67188	504373.7	5411051.6
L4375.0	504373.7	5411053.4	66517.29688	322.94	0	48.852433	-86.940378	56280.68	56235.1	14.88	56295.55	56300.14844	56298.08754	56301.01172	504373.7	5411053.4
L4375.0	504373.7	5411053.4	66517.39844	322.21	0	48.852433	-86.940378	56281.02	56235.1	14.88	56295.90	56300.55078	56306.95812	56309.85547	504373.7	5411053.4
L4375.0	504373.7	5411055.6	66517.50000	322.57	0	48.852453	-86.940378	56280.62	56235.1	14.88	56295.49	56300.19141	56300.30973	56303.18359	504373.7	5411055.6
L4375.0	504373.7	5411057.2	66517.60156	322.57	0	48.852467	-86.940379	56280.90	56235.1	14.87	56295.78	56300.53125	56307.99620	56310.84375	504373.7	5411057.2
L4375.0	504373.7	5411058.8	66517.70313	322.84	0	48.852482	-86.940379	56280.56	56235.1	14.87	56295.44	56300.23828	56302.72308	56305.54688	504373.7	5411058.8
L4375.0	504373.7	5411058.8	66517.79688	321.54	0	48.852482	-86.940379	56280.41	56235.1	14.87	56295.28	56300.12891	56301.14753	56303.94531	504373.7	5411058.8
L4375.0	504373.7	5411060.3	66517.89844	320.42	0	48.852495	-86.940379	56280.66	56235.1	14.87	56295.53	56300.42578	56308.14396	56310.91406	504373.7	5411060.3
L4375.0	504373.7	5411060.3	66518.00000	320.34	0	48.852495	-86.940379	56280.77	56235.1	14.87	56295.64	56300.58594	56312.29888	56315.04297	504373.7	5411060.3
L4375.0	504373.7	5411062.0	66518.10156	321.45	0	48.852511	-86.940379	56280.43	56235.1	14.87	56295.30	56300.29297	56307.04104	56309.76172	504373.7	5411062.0
L4375.0	504373.7	5411063.8	66518.20313	322.00	0	48.852527	-86.940379	56280.68	56235.1	14.87	56295.54	56300.57813	56314.07599	56316.77344	504373.7	5411063.8
L4375.0	504373.7	5411065.8	66518.29688	322.26	0	48.852545	-86.940379	56280.31	56235.1	14.86	56295.17	56300.25391	56308.26758	56310.94141	504373.7	5411065.8

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4375.0	504373.7	5411065.8	66518.39844	323.32	0	48.852545	-86.940379	56280.54	56235.1	14.86	56295.40	56300.53125	56315.29548	56317.94141	504373.7	5411065.8
L4375.0	504373.6	5411067.6	66518.50000	323.21	0	48.852561	-86.940380	56280.28	56235.1	14.86	56295.14	56300.31641	56311.98570	56314.60938	504373.6	5411067.6
L4375.0	504373.6	5411069.1	66518.60156	322.28	0	48.852574	-86.940380	56280.21	56235.1	14.86	56295.07	56300.29297	56312.84288	56315.44531	504373.6	5411069.1
L4375.0	504373.6	5411069.1	66518.70313	324.55	0	48.852574	-86.940380	56280.36	56235.1	14.86	56295.21	56300.47656	56318.34065	56320.92188	504373.6	5411069.1
L4375.0	504373.6	5411071.1	66518.79688	325.33	0	48.852592	-86.940380	56280.26	56235.1	14.85	56295.11	56300.42188	56318.83625	56321.39453	504373.6	5411071.1
L4375.0	504373.6	5411072.5	66518.89844	324.21	0	48.852605	-86.940380	56280.21	56235.1	14.85	56295.06	56300.41406	56320.56572	56323.10547	504373.6	5411072.5
L4375.0	504373.6	5411072.5	66519.00000	323.97	0	48.852605	-86.940380	56280.28	56235.2	14.85	56295.13	56300.52734	56325.05506	56327.57813	504373.6	5411072.5
L4375.0	504373.6	5411074.7	66519.10156	323.34	0	48.852624	-86.940380	56279.85	56235.2	14.85	56294.70	56300.14063	56318.95349	56321.45703	504373.6	5411074.7
L4375.0	504373.6	5411076.2	66519.20313	323.98	0	48.852638	-86.940380	56279.93	56235.2	14.84	56294.77	56300.25391	56323.82980	56326.32031	504373.6	5411076.2
L4375.0	504373.6	5411076.2	66519.29688	323.99	0	48.852638	-86.940380	56279.70	56235.2	14.84	56294.54	56300.06641	56322.45394	56324.93359	504373.6	5411076.2
L4375.0	504373.6	5411078.0	66519.39844	322.34	0	48.852654	-86.940380	56279.41	56235.2	14.84	56294.24	56299.80859	56319.80356	56322.26953	504373.6	5411078.0
L4375.0	504373.6	5411079.8	66519.50000	323.69	0	48.852670	-86.940380	56279.84	56235.2	14.83	56294.67	56300.27734	56333.08962	56335.54688	504373.6	5411079.8
L4375.0	504373.6	5411081.3	66519.60156	323.69	0	48.852684	-86.940380	56279.23	56235.2	14.83	56294.06	56299.70703	56324.28259	56326.73047	504373.6	5411081.3
L4375.0	504373.6	5411081.3	66519.70313	324.81	0	48.852684	-86.940380	56279.29	56235.2	14.83	56294.12	56299.80859	56330.11660	56332.56250	504373.6	5411081.3
L4375.0	504373.6	5411083.4	66519.79688	324.96	0	48.852703	-86.940380	56279.08	56235.2	14.83	56293.90	56299.62500	56330.23287	56332.67578	504373.6	5411083.4
L4375.0	504373.6	5411084.9	66519.89844	325.27	0	48.852717	-86.940380	56278.61	56235.2	14.82	56293.43	56299.19531	56325.33615	56327.77734	504373.6	5411084.9
L4375.0	504373.6	5411084.9	66520.00000	323.69	0	48.852717	-86.940380	56278.54	56235.2	14.82	56293.36	56299.16406	56329.26382	56331.70703	504373.6	5411084.9
L4375.0	504373.6	5411086.7	66520.10156	322.06	0	48.852733	-86.940381	56278.40	56235.2	14.82	56293.22	56299.05859	56332.02123	56334.46875	504373.6	5411086.7
L4375.0	504373.5	5411088.5	66520.20313	322.09	0	48.852749	-86.940381	56278.06	56235.2	14.82	56292.88	56298.75781	56330.90375	56333.35938	504373.5	5411088.5
L4375.0	504373.5	5411088.5	66520.29688	322.15	0	48.852749	-86.940381	56277.56	56235.2	14.82	56292.37	56298.28125	56326.59857	56329.06641	504373.5	5411088.5
L4375.0	504373.5	5411090.1	66520.39844	320.03	0	48.852763	-86.940381	56277.47	56235.2	14.82	56292.29	56298.23828	56331.68245	56334.16016	504373.5	5411090.1
L4375.0	504373.5	5411091.8	66520.50000	320.74	0	48.852779	-86.940381	56276.94	56235.2	14.82	56291.75	56297.73438	56327.55212	56330.04688	504373.5	5411091.8
L4375.0	504373.5	5411093.6	66520.60156	321.09	0	48.852795	-86.940381	56276.76	56235.2	14.81	56291.58	56297.59766	56331.53488	56334.04688	504373.5	5411093.6
L4375.0	504373.5	5411093.6	66520.70313	323.05	0	48.852795	-86.940381	56276.38	56235.2	14.81	56291.19	56297.24219	56331.36089	56333.89844	504373.5	5411093.6
L4375.0	504373.5	5411095.4	66520.79688	322.76	0	48.852811	-86.940381	56276.20	56235.2	14.81	56291.01	56297.09375	56335.95804	56338.51953	504373.5	5411095.4
L4375.0	504373.5	5411096.6	66520.89844	323.24	0	48.852822	-86.940381	56275.64	56235.2	14.81	56290.46	56296.57422	56333.35022	56335.94141	504373.5	5411096.6
L4375.0	504373.5	5411096.6	66521.00000	322.14	0	48.852822	-86.940381	56275.05	56235.2	14.81	56289.86	56296.00781	56330.17518	56332.79688	504373.5	5411096.6
L4375.0	504373.5	5411098.5	66521.10156	321.87	0	48.852839	-86.940381	56274.74	56235.2	14.81	56289.55	56295.72656	56333.44040	56336.09766	504373.5	5411098.5
L4375.0	504373.5	5411100.2	66521.20313	322.07	0	48.852854	-86.940381	56274.11	56235.2	14.81	56288.91	56295.11719	56330.38903	56333.08594	504373.5	5411100.2
L4375.0	504373.5	5411100.2	66521.29688	321.35	0	48.852854	-86.940381	56273.83	56235.2	14.80	56288.63	56294.86719	56335.23545	56337.97266	504373.5	5411100.2
L4375.0	504373.5	5411102.0	66521.39844	321.75	0	48.852870	-86.940381	56272.98	56235.2	14.80	56287.78	56294.04688	56328.84909	56331.63281	504373.5	5411102.0
L4375.0	504373.5	5411103.2	66521.50000	321.12	0	48.852881	-86.940381	56272.81	56235.2	14.80	56287.61	56293.90234	56336.98725	56339.82031	504373.5	5411103.2
L4375.0	504373.5	5411104.7	66521.60156	321.12	0	48.852895	-86.940381	56271.76	56235.2	14.80	56286.56	56292.88281	56327.48315	56330.36719	504373.5	5411104.7
L4375.0	504373.5	5411104.7	66521.70313	321.30	0	48.852895	-86.940381	56271.33	56235.2	14.80	56286.12	56292.46875	56331.11075	56334.05469	504373.5	5411104.7
L4375.0	504373.5	5411106.9	66521.79688	321.70	0	48.852915	-86.940381	56270.48	56235.2	14.79	56285.28	56291.65234	56326.97026	56329.97266	504373.5	5411106.9
L4375.0	504373.5	5411108.7	66521.89844	321.38	0	48.852930	-86.940381	56270.02	56235.2	14.79	56284.81	56291.20703	56331.08110	56334.14453	504373.5	5411108.7
L4375.0	504373.5	5411108.7	66522.00000	322.02	0	48.852930	-86.940381	56269.21	56235.2	14.79	56284.00	56290.42188	56328.63115	56331.76172	504373.5	5411108.7
L4375.0	504373.5	5411110.2	66522.10156	320.12	0	48.852944	-86.940381	56268.72	56235.2	14.79	56283.52	56289.96484	56333.69602	56336.89844	504373.5	5411110.2
L4375.0	504373.5	5411111.7	66522.20313	319.96	0	48.852958	-86.940380	56267.98	56235.2	14.80	56282.78	56289.25000	56333.84448	56337.12500	504373.5	5411111.7
L4375.0	504373.6	5411113.8	66522.29688	320.80	0	48.852976	-86.940380	56266.86	56235.2	14.80	56281.66	56288.14844	56326.39403	56329.75391	504373.6	5411113.8
L4375.0	504373.6	5411113.8	66522.39844	321.72	0	48.852976	-86.940380	56266.25	56235.2	14.80	56281.05	56287.56250	56330.41221	56333.85156	504373.6	5411113.8
L4375.0	504373.6	5411115.8	66522.50000	322.23	0	48.852995	-86.940380	56265.13	56235.2	14.81	56279.93	56286.46094	56323.91996	56327.44531	504373.6	5411115.8
L4375.0	504373.6	5411115.8	66522.60156	322.68	0	48.852995	-86.940380	56264.41	56235.2	14.81	56279.22	56285.76953	56326.85979	56330.47656	504373.6	5411115.8
L4375.0	504373.6	5411117.5	66522.70313	323.81	0	48.853010	-86.940380	56263.23	56235.2	14.81	56278.04	56284.60938	56319.99378	56323.70313	504373.6	5411117.5
L4375.0	504373.6	5411119.4	66522.79688	325.54	0	48.853026	-86.940379	56262.50	56235.2	14.81	56277.31	56283.89844	56323.55327	56327.35938	504373.6	5411119.4
L4375.0	504373.6	5411120.8	66522.89844	323.87	0	48.853040	-86.940379	56261.83	56235.2	14.82	56276.65	56283.25391	56329.22195	56333.12891	504373.6	5411120.8
L4375.0	504373.6	5411120.8	66523.00000	325.14	0	48.853040	-86.940379	56260.63	56235.2	14.82	56275.45	56282.07031	56323.35044	56327.36328	504373.6	5411120.8
L4375.0	504373.6	5411122.9	66523.10156	325.11	0	48.853058	-86.940379	56259.69	56235.2	14.82	56274.51	56281.14453	56323.76469	56327.88672	504373.6	5411122.9
L4375.0	504373.6	5411122.9	66523.20313	325.07	0	48.853058	-86.940379	56258.32	56235.2	14.82	56273.14	56279.78906	56314.99491	56319.22656	504373.6	5411122.9
L4375.0	504373.6	5411124.5	66523.29688	326.54	0	48.853073	-86.940379	56257.39	56235.2	14.82	56272.21	56278.87109	56316.57745	56320.92578	504373.6	5411124.5
L4375.0	504373.6	5411125.9	66523.39844	326.59	0	48.853085	-86.940379	56256.11	56235.2	14.82	56270.92	56277.59375	56310.53646	56315.00391	504373.6	5411125.9
L4375.0	504373.6	5411127.5	66523.50000	327.53	0	48.853100	-86.940379	56255.23	56235.2	14.81	56270.04	56276.72656	56314.16310	56318.75391	504373.6	5411127.5
L4375.0	504373.6	5411129.4	66523.60156	327.53	0	48.853117	-86.940379	56253.96	56235.2	14.81	56268.78	56275.47656	56309.72640	56314.44141	504373.6	5411129.4
L4375.0	504373.6	5411129.4	66523.70313	327.10	0	48.853117	-86.940379	56253.04	56235.2	14.81	56267.85	56274.55859	56313.10001	56317.94531	504373.6	5411129.4
L4375.0	504373.6	5411131.0	66523.79688	327.56	0	48.853131	-86.940379	56251.70	56235.2	14.81	56266.51	56273.22656	56307.79523	56312.77344	504373.6	5411131.0
L4375.0	504373.6	5411132.8	66523.89844	323.57	0	48.853147	-86.940379	56250.40	56235.2	14.81	56265.21	56271.93359	56303.85068	56308.96094	504373.6	5411132.8
L4375.0	504373.6	5411132.8	66524.00000	322.01	0	48.853147	-86.940379	56249.18	56235.2	14.81	56263.99	56270.72266	56302.11447	56307.36328	504373.6	5411132.8
L4375.0	504373.6	5411134.8	66524.10156	321.84	0	48.853165	-86.940379	56247.79	56235.2	14.81	56262.59	56269.32813	56296.90861	56302.30078	504373.6	5411134.8
L4375.0	504373.6	5411134.8	66524.20313	321.69	0	48.853165	-86.940379	56246.42	56235.2	14.81	56261.23	56267.97266	56293.03755	56298.57422	504373.6	5411134.8
L4375.0	504373.6	5411136.6	66524.29688	321.95	0	48.853181	-86.940379	56244.96	56235.2	14.81	56259.76	56266.50781	56287.27727	56292.96094	504373.6	5411136.6
L4375.0	504373.6	5411138.3	66524.39844	321.27	0	48.853197	-86.940379	56243.70	56235.2	14.81	56258.50	56265.25000	56286.42271	56292.25781	504373.6	5411138.3
L4375.0	504373.6	5411138.3	66524.50000	320.03	0	48.853197	-86.940379	56242.22	56235.2	14.81	56257.03	56263.78125	56281.56239	56287.55078	504373.6	5411138.3
L4375.0	504373.6	5411140.2	66524.60156	321.07	0	48.853214	-86.940379	56241.06	56235.2	14.80	56255.87	56262.62500	56283.57104	56289.71484	504373.6	5411140.2
L4375.0	504373.6	5411142.1	66524.70313	321.78	0	48.853231	-86.940380	56239.40	56235.2	14.80	56254.21	56260.96484	56275.61521	56281.91797	504373.6	5411142.1
L4375.0	504373.6	5411142.1	66524.79688	320.39	0	48.853231	-86.940380	56237.99	56235.2	14.80	56252.79	56259.54688	56273.02101	56279.48438	504373.6	5411142.1
L4375.0	504373.6	5411143.6	66524.89844	319.51	0	48.853244	-86.940380	56236.57	56235.2	14.80	56251.37	56258.12500	56270.79414	56277.41797	504373.6	5411143.6
L4375.0	504373.5	5411145.2	66525.00000	318.69	0	48.853259	-86.940380	56235.34	56235.2	14.80	56250.14	56256.89063	56272.75420	56279.54297	504373.5	5411145.2
L4375.0	504373.5	5411146.9	66525.10156	319.07	0	48.853275	-86.940381	56233.71	56235.2	14.80	56248.51	56255.25781	56266.97190	56273.92969	504373.5	5411146.9
L4375.0	504373.5	5411146.9	66525.20313	320.43	0	48.853275	-86.940381	56232.18	56235.2	14.80	56246.98	56253.72656	56263.54202	56270.66797	504373.5	5411146.9
L4375.0	504373.5	5411148.9	66525.29688	322.47	0	48.853293	-86.940381	56230.75	56235.2	14.80	56245.55	56252.28906	56262.42538	56269.72266	504373.5	5411148.9
L4375.0	504373.4	5411150.5	66525.39844	320.72	0	48.853306	-86.940382	56229.14	56235.2	14.80	56243.95	56250.68359	56258.19136	56265.66016	504373.4	5411150.5
L4375.0	504373.4	5411150.5	66525.50000	321.02	0	48.853306	-86.940382	56227.58	56235.2	14.81	56242.38	56249.10938	56254.82681	56262.46875	504373.4	5411150.5
L4375.0	504373.4	5411152.0	66525.60156	321.02	0	48.853320	-86.940382	56225.72	56235.2	14.81	56240.52	56247.24219	56245.89394	56253.71484	504373.4	5411152.0
L4375.0	504373.4	5411152.0	66525.70313	321.00	0	48.853320	-86.940382	56224.61	56235.2	14.81	56239.41	56246.12109	56252.24488	56260.24219	504373.4	5411152.0
L4375.0	504373.4	5411154.0	66525.79688	321.78	0	48.853338	-86.940382	56222.84	56235.2	14.81	56237.65	56244.35156	56245.75731	56253.93359	504373.4	5411154.0
L4375.0	504373.4	5411155.7	66525.89844	319.65	0	48.853353	-86.940383	56221.38	56235.2	14.81	56236.19	56242.88281	56245.51355	56253.86719	504373.4	5411155.7
L4375.0	504373.3	5411157.9	66526.00000	321.62	0	48.853373	-86.940383	56219.52	56235.2	14.81	56234.33	56241.01172	56237.35699	56245.89063	504373.3	5411157.9
L4375.0	504373.3	5411157.9	66526.10156	322.58	0	48.853373	-86.940383	56217.98	56235.2	14.81	56232.79	56239.46094	56235.84629	56244.56250	504373.3	5411157.9
L4375.0	504373.3	5411159.5	66526.20313	322.02	0	48.853388	-86.940383	56216.46	56235.2	14.81	56231.27	56237.92578	56234.90823	56243.80469	504373.3	5411159.5
L4375.0	504373.3	5411159.5	66526.29688	320.81	0	48.853388	-86.940383	56214.62	56235.2	14.81	56229.43	56236.07422	56227.55731	56236.63672	504373.3	5411159.5
L4375.0	504373.3	5411161.5	66526.39844	322.75	0	48.853406	-86.940384	56213.22	56235.2	14.81	56228.03	56234.65625	56229.36094	56238.62109	504373.3	5411161.5
L4375.0	504373.3	5411163.1	66526.50000	322.50	0	48.853420	-86.940384	56211.38	56235.2	14.81	56226.19	56232.80078	56222.20947	56231.65625	504373.3	5411163.1
L4375.0	504373.3	5411163.1	66526.60156	321.29	0	48.853420	-86.940384	56209.82	56235.2	14.81	56224.63	56231.22656	56220.93422	56230.56250	504373.3	5411163.1
L4375.0	504373.2	5411165.1	66526.70313	322.76	0	48.853438	-86.940384	56208.34	56235.2	14.81	56223.15	56229.73047	56221.42061	56231.23047	504373.2	5411165.1
L4375.0	504373.2	5411166.7	66526.79688	323.53	0	48.853452	-86.940384	56206.66	56235.2	14.81	56221.47	56228.03125	56217.80995	56227.80469	504373.2	5411166.7
L4375.0	504373.2	5411168.5	66526.89844	322.25	0	48.853469	-86.940385	56205.04	56235.2	14.81	56219.85	56226.39063	56215.50332	56225.67969	504373.2	5411168.5
L4375.0	504373.2	5411168.5	66527.00000	322.18	0	48.853469	-86.940385	56203.26	56235.2	14.81	56218.07	56224.58984	56209.85268	56220.21094	504373.2	5411168.5
L4375.0	504373.2	5411168.5	66527.10156	322.80	0	48.853469	-86.940385	56201.56	56235.2	14.81	56216.37	56222.87109	56205.88984	56216.42969	504373.2	5411168.5
L4375.0	504373.2	5411170.6	66527.20313	323.09	0	48.853487	-86.940385	56199.87	56235.2	14.81	56214.68	56221.16016	56202.12768	56212.84766	504373.2	5411170.6
L4375.0	504373.1	5411172.3	66527.29688	323.07	0	48.853503	-86.940386	56198.18	56235.2	14.81	56212.99	56219.44531	56198.33711	56209.23438	504373.1	5411172.3
L4375.0	504373.1	5411172.3	66527.39844	321.70	0	48.853503	-86.940386	56196.53	56235.2	14.81	56211.34	56217.77344	56195.36094	56206.43359	504373.1	5411172.3
L4375.0	504373.1	5411174.3	66527.50000	323.35	0	48.853521	-86.940386	56194.94	56235.2	14.82	56209.75	56216.16016	56193.62670	56204.87891	504373.1	5411174.3
L4375.0	504373.1	5411175.6	66527.60156	323.35	0	48.853532	-86.940386	56193.11	56235.2	14.82	56207.93	56214.31641	56186.83010	56198.25781	504373.1	5411175.6

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4375.0	504373.0	5411177.1	66527.70313	323.32	0	48.853546	-86.940387	56191.60	56235.2	14.82	56206.42	56212.77734	56186.67914	56198.28125	504373.0	5411177.1
L4375.0	504373.0	5411177.1	66527.79688	323.53	0	48.853546	-86.940387	56189.91	56235.2	14.82	56204.72	56211.05078	56182.27552	56194.04688	504373.0	5411177.1
L4375.0	504373.0	5411179.4	66527.89844	324.11	0	48.853566	-86.940387	56188.34	56235.2	14.82	56203.16	56209.46484	56180.82199	56192.76172	504373.0	5411179.4
L4375.0	504373.0	5411180.9	66528.00000	323.85	0	48.853580	-86.940388	56186.64	56235.2	14.82	56201.46	56207.73828	56176.13869	56188.24609	504373.0	5411180.9
L4375.0	504373.0	5411180.9	66528.10156	322.62	0	48.853580	-86.940388	56185.14	56235.2	14.82	56199.97	56206.21875	56175.95652	56188.23047	504373.0	5411180.9
L4375.0	504372.9	5411182.4	66528.20313	324.80	0	48.853594	-86.940388	56183.54	56235.2	14.82	56198.36	56204.57813	56172.94254	56185.37891	504372.9	5411182.4
L4375.0	504372.9	5411184.2	66528.29688	324.80	0	48.853609	-86.940388	56181.86	56235.2	14.83	56196.68	56202.86719	56168.17059	56180.76953	504372.9	5411184.2
L4375.0	504372.9	5411184.2	66528.39844	324.82	0	48.853609	-86.940388	56180.27	56235.2	14.83	56195.09	56201.24609	56165.20346	56177.95703	504372.9	5411184.2
L4375.0	504372.9	5411186.0	66528.50000	323.97	0	48.853626	-86.940389	56178.63	56235.2	14.83	56193.46	56199.58594	56161.11501	56174.02734	504372.9	5411186.0
L4375.0	504372.9	5411187.2	66528.60156	324.57	0	48.853637	-86.940389	56177.27	56235.2	14.83	56192.10	56198.19141	56162.86527	56175.92969	504372.9	5411187.2
L4375.0	504372.9	5411189.0	66528.70313	325.66	0	48.853653	-86.940389	56175.49	56235.2	14.83	56190.32	56196.37891	56154.90576	56168.11719	504372.9	5411189.0
L4375.0	504372.9	5411189.0	66528.79688	327.30	0	48.853653	-86.940389	56173.99	56235.2	14.84	56188.83	56194.85547	56153.20430	56166.56250	504372.9	5411189.0
L4375.0	504372.9	5411190.8	66528.89844	327.06	0	48.853669	-86.940389	56172.36	56235.2	14.84	56187.19	56193.17969	56147.83857	56161.33984	504372.9	5411190.8
L4375.0	504372.8	5411192.6	66529.00000	324.88	0	48.853685	-86.940389	56170.96	56235.2	14.84	56185.80	56191.75391	56147.78740	56161.42969	504372.8	5411192.6
L4375.0	504372.8	5411192.6	66529.10156	323.85	0	48.853685	-86.940389	56169.32	56235.2	14.84	56184.16	56190.07813	56141.79699	56155.57422	504372.8	5411192.6
L4375.0	504372.8	5411194.3	66529.20313	323.05	0	48.853701	-86.940389	56167.84	56235.2	14.84	56182.69	56188.57422	56139.27312	56153.18359	504372.8	5411194.3
L4375.0	504372.8	5411196.1	66529.29688	325.35	0	48.853717	-86.940390	56166.58	56235.2	14.85	56181.43	56187.27344	56141.05511	56155.09375	504372.8	5411196.1
L4375.0	504372.8	5411197.6	66529.39844	326.47	0	48.853730	-86.940390	56165.19	56235.2	14.85	56180.04	56185.84766	56139.52856	56153.69141	504372.8	5411197.6
L4375.0	504372.8	5411197.6	66529.50000	326.30	0	48.853730	-86.940390	56163.81	56235.2	14.85	56178.65	56184.41797	56137.57701	56151.85938	504372.8	5411197.6
L4375.0	504372.7	5411199.6	66529.50000	326.30	0	48.853748	-86.940390	56162.05	56235.2	14.85	56176.90	56182.62891	56127.24837	56141.64844	504372.7	5411199.6
L4375.0	504372.7	5411201.1	66529.60156	324.68	0	48.853762	-86.940391	56160.74	56235.1	14.85	56175.59	56181.27734	56126.17368	56140.68359	504372.7	5411201.1
L4375.0	504372.7	5411202.6	66529.70313	321.98	0	48.853775	-86.940391	56159.34	56235.1	14.85	56174.20	56179.84766	56122.85092	56137.46875	504372.7	5411202.6
L4375.0	504372.7	5411202.6	66529.79688	321.55	0	48.853775	-86.940391	56158.19	56235.1	14.86	56173.04	56178.64844	56124.03894	56138.76172	504372.7	5411202.6
L4375.0	504372.7	5411205.0	66529.89844	321.81	0	48.853797	-86.940391	56156.77	56235.1	14.86	56171.62	56177.18750	56119.01192	56133.83203	504372.7	5411205.0
L4375.0	504372.7	5411205.0	66530.00000	320.69	0	48.853797	-86.940391	56155.39	56235.1	14.86	56170.25	56175.77344	56114.51950	56129.43359	504372.7	5411205.0
L4375.0	504372.7	5411206.6	66530.10156	322.08	0	48.853811	-86.940391	56154.04	56235.1	14.86	56168.90	56174.37891	56109.87907	56124.88281	504372.7	5411206.6
L4375.0	504372.7	5411208.3	66530.20313	321.68	0	48.853827	-86.940391	56152.69	56235.1	14.86	56167.55	56172.98828	56104.62789	56119.71484	504372.7	5411208.3
L4375.0	504372.7	5411208.3	66530.39844	323.11	0	48.853827	-86.940391	56151.58	56235.1	14.87	56166.45	56171.84375	56104.15178	56119.32031	504372.7	5411208.3
L4375.0	504372.7	5411210.1	66530.50000	324.14	0	48.853843	-86.940391	56150.38	56235.1	14.87	56165.25	56170.59766	56100.84710	56116.08984	504372.7	5411210.1
L4375.0	504372.7	5411210.1	66530.60156	320.92	0	48.853843	-86.940391	56149.42	56235.1	14.87	56164.29	56169.59375	56102.06687	56117.37891	504372.7	5411210.1
L4375.0	504372.7	5411212.0	66530.70313	318.55	0	48.853860	-86.940392	56148.19	56235.1	14.87	56163.06	56168.31641	56096.72683	56112.10547	504372.7	5411212.0
L4375.0	504372.6	5411213.9	66530.79688	321.11	0	48.853877	-86.940392	56147.14	56235.1	14.88	56162.01	56167.22266	56094.58154	56110.01953	504372.6	5411213.9
L4375.0	504372.6	5411213.9	66530.89844	324.04	0	48.853877	-86.940392	56145.99	56235.1	14.88	56160.87	56166.03516	56089.73616	56105.22656	504372.6	5411213.9
L4375.0	504372.6	5411216.0	66531.00000	324.10	0	48.853896	-86.940392	56144.85	56235.1	14.88	56159.73	56164.84766	56084.13004	56099.67188	504372.6	5411216.0
L4375.0	504372.6	5411217.5	66531.10156	324.76	0	48.853910	-86.940392	56144.00	56235.1	14.88	56158.88	56163.94922	56084.14394	56099.72656	504372.6	5411217.5
L4375.0	504372.6	5411217.5	66531.20313	324.21	0	48.853910	-86.940392	56143.04	56235.1	14.88	56157.92	56162.94141	56080.98071	56096.60156	504372.6	5411217.5
L4375.0	504372.6	5411219.8	66531.29688	324.23	0	48.853930	-86.940393	56142.27	56235.1	14.88	56157.15	56162.12109	56081.27353	56096.92969	504372.6	5411219.8
L4375.0	504372.5	5411221.5	66531.39844	324.76	0	48.853946	-86.940393	56141.09	56235.1	14.88	56155.97	56160.89453	56071.65922	56087.33984	504372.5	5411221.5
L4375.0	504372.5	5411223.0	66531.50000	324.47	0	48.853959	-86.940394	56140.37	56235.1	14.88	56155.25	56160.12500	56071.52953	56087.23438	504372.5	5411223.0
L4375.0	504372.5	5411223.0	66531.60156	324.47	0	48.853959	-86.940394	56139.24	56235.1	14.88	56154.12	56158.94531	56061.42305	56077.14453	504372.5	5411223.0
L4375.0	504372.4	5411225.1	66531.70313	324.90	0	48.853978	-86.940394	56138.73	56235.1	14.88	56153.61	56158.38281	56064.49233	56080.22656	504372.4	5411225.1
L4375.0	504372.4	5411226.1	66531.79688	324.67	0	48.853987	-86.940395	56137.95	56235.1	14.88	56152.83	56157.55469	56060.72211	56076.46094	504372.4	5411226.1
L4375.0	504372.4	5411226.1	66531.89844	325.28	0	48.853987	-86.940395	56137.49	56235.1	14.88	56152.37	56157.04297	56063.42470	56079.16016	504372.4	5411226.1
L4375.0	504372.4	5411227.6	66532.00000	326.54	0	48.854000	-86.940395	56136.91	56235.1	14.88	56151.79	56156.41016	56062.64780	56078.37891	504372.4	5411227.6
L4375.0	504372.4	5411227.6	66532.10156	324.37	0	48.854000	-86.940395	56135.97	56235.1	14.88	56150.85	56155.41797	56052.95071	56068.67188	504372.4	5411227.6
L4375.0	504372.3	5411229.6	66532.20313	325.28	0	48.854018	-86.940396	56135.83	56235.1	14.88	56150.71	56155.22656	56060.55976	56076.26563	504372.3	5411229.6
L4375.0	504372.3	5411231.5	66532.29688	325.50	0	48.854035	-86.940396	56134.94	56235.1	14.89	56149.82	56154.28125	56050.43172	56066.11328	504372.3	5411231.5
L4375.0	504372.3	5411233.1	66532.39844	326.73	0	48.854050	-86.940397	56134.69	56235.1	14.89	56149.58	56153.98828	56054.15708	56069.80859	504372.3	5411233.1
L4375.0	504372.3	5411233.1	66532.50000	323.67	0	48.854050	-86.940397	56134.00	56235.1	14.89	56148.89	56153.24609	56046.93747	56062.55859	504372.3	5411233.1
L4375.0	504372.2	5411235.1	66532.60156	325.00	0	48.854068	-86.940397	56133.92	56235.1	14.89	56148.81	56153.11328	56052.56353	56068.14453	504372.2	5411235.1
L4375.0	504372.2	5411236.6	66532.70313	323.80	0	48.854081	-86.940397	56133.46	56235.1	14.89	56148.36	56152.60938	56049.04446	56064.58203	504372.2	5411236.6
L4375.0	504372.2	5411238.1	66532.79688	322.72	0	48.854095	-86.940398	56133.14	56235.1	14.90	56148.04	56152.23438	56047.56352	56063.05078	504372.2	5411238.1
L4375.0	504372.2	5411238.1	66532.89844	322.12	0	48.854095	-86.940398	56133.18	56235.1	14.90	56148.07	56152.20703	56052.96940	56068.39844	504372.2	5411238.1
L4375.0	504372.1	5411240.0	66533.00000	321.35	0	48.854111	-86.940398	56133.01	56235.1	14.90	56147.91	56151.99219	56053.24452	56068.61328	504372.1	5411240.0
L4375.0	504372.1	5411240.0	66533.10156	321.66	0	48.854111	-86.940398	56132.87	56235.1	14.90	56147.77	56151.79688	56053.05360	56068.35938	504372.1	5411240.0
L4375.0	504372.1	5411241.7	66533.20313	322.99	0	48.854127	-86.940399	56132.81	56235.1	14.91	56147.72	56151.69141	56053.93842	56069.17188	504372.1	5411241.7
L4375.0	504372.1	5411243.3	66533.29688	322.18	0	48.854141	-86.940399	56132.87	56235.1	14.92	56147.78	56151.69531	56056.33740	56071.49219	504372.1	5411243.3
L4375.0	504372.1	5411245.4	66533.39844	322.11	0	48.854160	-86.940399	56132.81	56235.1	14.92	56147.73	56151.58984	56055.39059	56070.46484	504372.1	5411245.4
L4375.0	504372.1	5411245.4	66533.50000	323.36	0	48.854160	-86.940399	56132.94	56235.1	14.93	56147.87	56151.67188	56057.74495	56072.73047	504372.1	5411245.4
L4375.0	504372.1	5411247.2	66533.60156	323.36	0	48.854176	-86.940399	56132.96	56235.1	14.93	56147.89	56151.63672	56056.53609	56071.42969	504372.1	5411247.2
L4375.0	504372.0	5411248.8	66533.70313	321.63	0	48.854191	-86.940399	56133.22	56235.1	14.93	56148.16	56151.84766	56060.01325	56074.81250	504372.0	5411248.8
L4375.0	504372.0	5411248.8	66533.79688	321.35	0	48.854191	-86.940399	56133.75	56235.1	14.94	56148.69	56152.32031	56068.48294	56083.17578	504372.0	5411248.8
L4375.0	504372.0	5411250.6	66533.89844	322.03	0	48.854207	-86.940400	56133.95	56235.1	14.94	56148.89	56152.46094	56068.75674	56083.34375	504372.0	5411250.6
L4375.0	504372.0	5411252.2	66534.00000	322.95	0	48.854222	-86.940400	56133.70	56235.1	14.95	56148.65	56152.16406	56058.25995	56072.73438	504372.0	5411252.2
L4375.0	504372.0	5411252.2	66534.10156	323.27	0	48.854222	-86.940400	56134.16	56235.1	14.95	56149.10	56152.55469	56062.57675	56076.93750	504372.0	5411252.2
L4375.0	504372.0	5411254.1	66534.20313	324.90	0	48.854239	-86.940400	56134.38	56235.1	14.95	56149.33	56152.72656	56061.15165	56075.38672	504372.0	5411254.1
L4375.0	504372.0	5411255.6	66534.29688	325.66	0	48.854252	-86.940400	56135.04	56235.1	14.94	56149.99	56153.32813	56068.86009	56082.96875	504372.0	5411255.6
L4375.0	504372.0	5411255.6	66534.39844	326.20	0	48.854252	-86.940400	56135.52	56235.1	14.94	56150.46	56153.73828	56071.55524	56085.53516	504372.0	5411255.6
L4375.0	504372.0	5411257.6	66534.50000	325.99	0	48.854270	-86.940400	56135.82	56235.1	14.94	56150.76	56153.98047	56069.66699	56083.51172	504372.0	5411257.6
L4375.0	504371.9	5411259.4	66534.60156	327.01	0	48.854286	-86.940401	56136.33	56235.1	14.94	56151.27	56154.43359	56071.99211	56085.69531	504371.9	5411259.4
L4375.0	504371.9	5411259.4	66534.70313	328.24	0	48.854286	-86.940401	56137.13	56235.1	14.94	56152.06	56155.16406	56080.19935	56093.76172	504371.9	5411259.4
L4375.0	504371.9	5411261.1	66534.79688	327.15	0	48.854302	-86.940401	56137.48	56235.1	14.93	56152.41	56155.45313	56077.61923	56091.03125	504371.9	5411261.1
L4375.0	504371.9	5411262.6	66534.89844	327.03	0	48.854315	-86.940401	56138.36	56235.1	14.93	56153.29	56156.27344	56086.73743	56099.99609	504371.9	5411262.6
L4375.0	504371.9	5411262.6	66535.00000	327.91	0	48.854315	-86.940401	56138.81	56235.1	14.93	56153.74	56156.66406	56085.33310	56098.43750	504371.9	5411262.6
L4375.0	504371.9	5411264.3	66535.10156	327.15	0	48.854331	-86.940402	56139.45	56235.1	14.93	56154.38	56157.24219	56087.76958	56100.71484	504371.9	5411264.3
L4375.0	504371.8	5411265.9	66535.20313	326.51	0	48.854345	-86.940402	56140.15	56235.1	14.94	56155.09	56157.89063	56091.26786	56104.04688	504371.8	5411265.9
L4375.0	504371.8	5411265.9	66535.29688	325.15	0	48.854345	-86.940402	56140.49	56235.1	14.94	56155.44	56158.17969	56086.02578	56098.63672	504371.8	5411265.9
L4375.0	504371.8	5411268.0	66535.39844	323.58	0	48.854364	-86.940402	56141.60	56235	14.95	56156.55	56159.23047	56097.55823	56109.99609	504371.8	5411268.0
L4375.0	504371.8	5411269.5	66535.50000	321.99	0	48.854377	-86.940403	56142.25	56235	14.96	56157.20	56159.82031	56098.12026	56110.38281	504371.8	5411269.5
L4375.0	504371.8	5411271.1	66535.60156	321.99	0	48.854391	-86.940403	56143.04	56235	14.96	56158.00	56160.55859	56101.55819	56113.64453	504371.8	5411271.1
L4375.0	504371.8	5411271.1	66535.70313	322.16	0	48.854391	-86.940403	56144.20	56235	14.97	56159.16	56161.65625	56112.48143	56124.38672	504371.8	5411271.1
L4375.0	504371.8	5411273.1	66535.79688	321.48	0	48.854410	-86.940403	56144.63	56235	14.97	56159.60	56162.03516	56106.94558	56118.66406	504371.8	5411273.1
L4375.0	504371.8	5411273.1	66535.89844	322.34	0	48.854410	-86.940403	56145.74	56235	14.98	56160.71	56163.08594	56115.72325	56127.25391	504371.8	5411273.1
L4375.0	504371.7	5411274.9	66536.00000	321.89	0	48.854426	-86.940403	56146.75	56235	14.98	56161.73	56164.04297	56122.02515	56133.36719	504371.7	5411274.9
L4375.0	504371.7	5411276.2	66536.10156	321.95	0	48.854437	-86.940403	56147.33	56235	14.98	56162.31	56164.56250	56118.33507	56129.48047	504371.7	5411276.2
L4375.0	504371.7	5411277.5	66536.20313	321.32	0	48.854449	-86.940403	56148.39	56235	14.98	56163.38	56165.57031	56124.87681	56135.82813	504371.7	5411277.5
L4375.0	504371.7	5411279.5	66536.29688	320.20	0	48.854467	-86.940403	56148.95	56235	14.99	56163.94	56166.07031	56120.05259	56130.80469	504371.7	5411279.5
L4375.0	504371.7	5411279.5	66536.39844	321.47	0	48.854467	-86.940403	56149.76	56235	14.99	56164.75	56166.82031	56120.28147	56130.83203	504371.7	5411279.5
L4375.0	504371.7	5411281.1	66536.50000	321.92	0	48.854482	-86.940403	56150.64	56235	14.99	56165.63	56167.63672	56121.68901	56132.03516	504371.7	5411281.1
L4375.0	504371.7	5411282.8	66536.60156	321.70	0	48.854497	-86.940403	56151.78	56235	14.99	56166.77	56168.71484	56128.34355	56138.48438	504371.7	5411282.8
L4375.0	504371.7	5411282.8	66536.70313	322.62	0	48.854497	-86.940403	56152.89	56235	14.99	56167.89	56169.77344	56134.28468	56144.21484	504371.7	5411282.8
L4375.0	504371.8	5411284.9	66536.79688	322.28	0	48.854516	-86.940403	56153.71	56235	15.00	56168.71	56170.53125	56133.57295	56143.29297	504371.8	5411284.9
L4375.0	504371.8	5411284.9	66536.89844	322.50	0	48.854516	-86.940403	56154.86	56235	15.00	56169.86	56171.62109	56139.66868	56149.17578	504371.8	5411284.9

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4375.0	504371.8	5411286.7	66537.00000	323.04	0	48.854532	-86.940403	56155.64	56235	15.00	56170.64	56172.33984	56137.66730	56146.96094	504371.8	5411286.7
L4375.0	504371.8	5411288.4	66537.10156	324.20	0	48.854547	-86.940402	56156.96	56235	15.00	56171.97	56173.60938	56147.22648	56156.30469	504371.8	5411288.4
L4375.0	504371.8	5411290.1	66537.20313	326.00	0	48.854562	-86.940402	56157.63	56235	15.00	56172.63	56174.20703	56142.30974	56151.17188	504371.8	5411290.1
L4375.0	504371.8	5411290.1	66537.29688	325.29	0	48.854562	-86.940402	56158.84	56235	15.00	56173.84	56175.35547	56149.01862	56157.66016	504371.8	5411290.1
L4375.0	504371.8	5411292.3	66537.39844	324.01	0	48.854582	-86.940402	56159.90	56235	15.00	56174.91	56176.36328	56152.61702	56161.03906	504371.8	5411292.3
L4375.0	504371.8	5411294.0	66537.50000	324.33	0	48.854598	-86.940402	56160.77	56235	15.01	56175.77	56177.16406	56151.60235	56159.80469	504371.8	5411294.0
L4375.0	504371.8	5411294.0	66537.60156	324.33	0	48.854598	-86.940402	56161.80	56235	15.01	56176.80	56178.13281	56154.16060	56162.14063	504371.8	5411294.0
L4375.0	504371.8	5411295.5	66537.70313	321.81	0	48.854611	-86.940402	56162.75	56235	15.01	56177.75	56179.01953	56154.93033	56162.68750	504371.8	5411295.5
L4375.0	504371.8	5411297.5	66537.79688	320.72	0	48.854629	-86.940402	56163.77	56235	15.01	56178.77	56179.98047	56157.16412	56164.69922	504371.8	5411297.5
L4375.0	504371.8	5411298.6	66537.89844	322.13	0	48.854639	-86.940402	56164.77	56235	15.01	56179.78	56180.92969	56159.15133	56166.46094	504371.8	5411298.6
L4375.0	504371.8	5411298.6	66538.00000	320.61	0	48.854639	-86.940402	56165.77	56235	15.01	56180.78	56181.86719	56160.90287	56167.98828	504371.8	5411298.6
L4375.0	504371.8	5411300.6	66538.10156	319.22	0	48.854657	-86.940402	56166.73	56235	15.01	56181.74	56182.76953	56161.78081	56168.64063	504371.8	5411300.6
L4375.0	504371.8	5411300.6	66538.20313	319.50	0	48.854657	-86.940402	56167.93	56235	15.02	56182.95	56183.91797	56168.08061	56174.71484	504371.8	5411300.6
L4375.0	504371.8	5411302.0	66538.29688	322.24	0	48.854669	-86.940402	56168.63	56235	15.02	56183.65	56184.55859	56163.34534	56169.75391	504371.8	5411302.0
L4375.0	504371.8	5411303.8	66538.39844	324.14	0	48.854685	-86.940402	56169.79	56235	15.02	56184.81	56185.65625	56168.60187	56174.78516	504371.8	5411303.8
L4375.0	504371.8	5411305.6	66538.50000	325.65	0	48.854701	-86.940403	56170.98	56235	15.03	56186.00	56186.78906	56174.53995	56180.50000	504371.8	5411305.6
L4375.0	504371.8	5411305.6	66538.60156	326.95	0	48.854701	-86.940403	56172.02	56235	15.03	56187.05	56187.77734	56177.48956	56183.22656	504371.8	5411305.6
L4375.0	504371.7	5411307.4	66538.70313	326.01	0	48.854718	-86.940403	56172.84	56235	15.03	56187.87	56188.53906	56175.52015	56181.03125	504371.7	5411307.4
L4375.0	504371.7	5411307.4	66538.79688	323.93	0	48.854718	-86.940403	56173.74	56235	15.03	56188.77	56189.38281	56175.34647	56180.63281	504371.7	5411307.4
L4375.0	504371.7	5411309.2	66538.89844	324.25	0	48.854734	-86.940403	56174.86	56235	15.04	56189.89	56190.44141	56179.99494	56185.05859	504371.7	5411309.2
L4375.0	504371.7	5411311.0	66539.00000	322.51	0	48.854751	-86.940404	56175.91	56235	15.04	56190.95	56191.44531	56183.42542	56188.26563	504371.7	5411311.0
L4375.0	504371.7	5411312.3	66539.10156	323.88	0	48.854763	-86.940404	56176.75	56235	15.04	56191.79	56192.22656	56182.20039	56186.82031	504371.7	5411312.3
L4375.0	504371.7	5411312.3	66539.20313	323.91	0	48.854763	-86.940404	56177.43	56235	15.04	56192.48	56192.85938	56177.84780	56182.24609	504371.7	5411312.3
L4375.0	504371.6	5411313.9	66539.29688	326.00	0	48.854777	-86.940404	56178.53	56235	15.04	56193.57	56193.89063	56182.21374	56186.39063	504371.6	5411313.9
L4375.0	504371.6	5411315.6	66539.39844	323.20	0	48.854792	-86.940405	56179.40	56235	15.04	56194.45	56194.71484	56182.17342	56186.13281	504371.6	5411315.6
L4375.0	504371.6	5411317.3	66539.50000	321.79	0	48.854807	-86.940405	56180.65	56235	15.04	56195.69	56195.89844	56189.96697	56193.70703	504371.6	5411317.3
L4375.0	504371.5	5411319.0	66539.60156	321.79	0	48.854822	-86.940405	56181.55	56235	15.05	56196.60	56196.75391	56190.79787	56194.32031	504371.5	5411319.0
L4375.0	504371.5	5411319.0	66539.70313	321.30	0	48.854822	-86.940405	56182.40	56235	15.05	56197.45	56197.54688	56190.47433	56193.78516	504371.5	5411319.0
L4375.0	504371.5	5411320.5	66539.79688	322.32	0	48.854836	-86.940406	56183.60	56235	15.05	56198.65	56198.69141	56197.72952	56200.82422	504371.5	5411320.5
L4375.0	504371.5	5411322.3	66539.89844	323.17	0	48.854852	-86.940406	56184.12	56235	15.05	56199.17	56199.16016	56190.65755	56193.54297	504371.5	5411322.3
L4375.0	504371.5	5411322.3	66540.00000	324.18	0	48.854852	-86.940406	56185.27	56234.9	15.05	56200.32	56200.25391	56197.08904	56199.76172	504371.5	5411322.3
L4375.0	504371.5	5411324.3	66540.10156	323.83	0	48.854870	-86.940406	56185.86	56234.9	15.05	56200.91	56200.79297	56191.81365	56194.27734	504371.5	5411324.3
L4375.0	504371.5	5411325.6	66540.20313	323.67	0	48.854882	-86.940406	56187.18	56234.9	15.06	56202.24	56202.07031	56202.27691	56204.53516	504371.5	5411325.6
L4375.0	504371.5	5411325.6	66540.29688	322.28	0	48.854882	-86.940406	56188.16	56234.9	15.06	56203.22	56202.99609	56205.48665	56207.53906	504371.5	5411325.6
L4375.0	504371.5	5411327.3	66540.39844	321.96	0	48.854897	-86.940407	56188.99	56234.9	15.06	56204.05	56203.77344	56205.68770	56207.53906	504371.5	5411327.3
L4375.0	504371.5	5411328.9	66540.50000	322.11	0	48.854912	-86.940407	56189.70	56234.9	15.07	56204.76	56204.43359	56203.52867	56205.17969	504371.5	5411328.9
L4375.0	504371.5	5411328.9	66540.60156	321.58	0	48.854912	-86.940407	56190.62	56234.9	15.07	56205.69	56205.31250	56206.11438	56207.56641	504371.5	5411328.9
L4375.0	504371.4	5411332.4	66540.70313	321.67	0	48.854943	-86.940407	56191.46	56234.9	15.07	56206.53	56206.10156	56206.96651	56208.22266	504371.4	5411332.4
L4375.0	504371.4	5411332.4	66540.79688	321.22	0	48.854943	-86.940407	56192.34	56234.9	15.07	56207.41	56206.93359	56208.79628	56209.85938	504371.4	5411332.4
L4375.0	504371.4	5411334.1	66540.89844	321.59	0	48.854959	-86.940407	56193.22	56234.9	15.08	56208.30	56207.77344	56210.97610	56211.84766	504371.4	5411334.1
L4375.0	504371.4	5411334.1	66541.00000	322.45	0	48.854959	-86.940407	56193.80	56234.9	15.08	56208.88	56208.30469	56206.88966	56207.57422	504371.4	5411334.1
L4375.0	504371.4	5411337.4	66541.10156	322.79	0	48.854988	-86.940407	56194.79	56234.9	15.08	56209.87	56209.25000	56211.42879	56211.92578	504371.4	5411337.4
L4375.0	504371.4	5411337.4	66541.20313	322.10	0	48.854988	-86.940407	56195.48	56234.9	15.08	56210.57	56209.90234	56210.13330	56210.44531	504371.4	5411337.4
L4375.0	504371.4	5411339.2	66541.29688	322.49	0	48.855004	-86.940407	56196.50	56234.9	15.09	56211.59	56210.87500	56215.56094	56215.69141	504371.4	5411339.2
L4375.0	504371.4	5411339.2	66541.39844	323.24	0	48.855004	-86.940407	56197.39	56234.9	15.09	56212.48	56211.71875	56218.45478	56218.40625	504371.4	5411339.2
L4375.0	504371.4	5411341.0	66541.50000	323.50	0	48.855020	-86.940407	56197.72	56234.9	15.09	56212.81	56212.00391	56210.04790	56209.82422	504371.4	5411341.0
L4375.0	504371.4	5411343.2	66541.60156	323.50	0	48.855040	-86.940407	56198.61	56234.9	15.09	56213.70	56212.85156	56213.24284	56212.84766	504371.4	5411343.2
L4375.0	504371.4	5411343.2	66541.70313	326.26	0	48.855040	-86.940407	56199.36	56234.9	15.09	56214.45	56213.55859	56213.72445	56213.16016	504371.4	5411343.2
L4375.0	504371.4	5411345.2	66541.79688	325.64	0	48.855059	-86.940407	56200.18	56234.9	15.10	56215.27	56214.33594	56215.78180	56215.05078	504371.4	5411345.2
L4375.0	504371.4	5411345.2	66541.89844	324.84	0	48.855059	-86.940407	56200.96	56234.9	15.10	56216.06	56215.08594	56217.37669	56216.48047	504371.4	5411345.2
L4375.0	504371.5	5411347.5	66542.00000	320.86	0	48.855079	-86.940406	56201.76	56234.9	15.10	56216.86	56215.84375	56219.33012	56218.27344	504371.5	5411347.5
L4375.0	504371.5	5411348.5	66542.10156	319.85	0	48.855088	-86.940406	56202.29	56234.9	15.10	56217.39	56216.33594	56215.87698	56214.66016	504371.5	5411348.5
L4375.0	504371.5	5411348.5	66542.20313	321.19	0	48.855088	-86.940406	56203.16	56234.9	15.10	56218.26	56217.16797	56219.57606	56218.20313	504371.5	5411348.5
L4375.0	504371.5	5411350.4	66542.29688	320.60	0	48.855104	-86.940406	56203.84	56234.9	15.10	56218.94	56217.80859	56219.49755	56217.97266	504371.5	5411350.4
L4375.0	504371.5	5411352.3	66542.39844	319.60	0	48.855122	-86.940406	56204.72	56234.9	15.10	56219.81	56218.64063	56223.54369	56221.87109	504371.5	5411352.3
L4375.0	504371.5	5411352.3	66542.50000	320.55	0	48.855122	-86.940406	56205.54	56234.9	15.09	56220.63	56219.42578	56226.72940	56224.91016	504371.5	5411352.3
L4375.0	504371.5	5411353.5	66542.60156	321.31	0	48.855133	-86.940405	56206.17	56234.9	15.09	56221.27	56220.03125	56226.27373	56224.31250	504371.5	5411353.5
L4375.0	504371.5	5411355.0	66542.70313	321.57	0	48.855147	-86.940405	56207.08	56234.9	15.09	56222.17	56220.89844	56231.52325	56229.42188	504371.5	5411355.0
L4375.0	504371.5	5411355.0	66542.79688	322.32	0	48.855147	-86.940405	56207.56	56234.9	15.09	56222.65	56221.34375	56227.92728	56225.68750	504371.5	5411355.0
L4375.0	504371.5	5411357.4	66542.89844	321.40	0	48.855168	-86.940405	56208.29	56234.9	15.09	56223.38	56222.04297	56229.85441	56227.48438	504371.5	5411357.4
L4375.0	504371.5	5411359.2	66543.00000	322.95	0	48.855184	-86.940405	56208.72	56234.9	15.09	56223.81	56222.44141	56225.38271	56222.87891	504371.5	5411359.2
L4375.0	504371.5	5411359.2	66543.10156	325.52	0	48.855184	-86.940405	56209.66	56234.9	15.09	56224.76	56223.35938	56232.45168	56229.82031	504371.5	5411359.2
L4375.0	504371.6	5411361.2	66543.20313	327.31	0	48.855202	-86.940405	56210.18	56234.9	15.09	56225.28	56223.85156	56230.21861	56227.46484	504371.6	5411361.2
L4375.0	504371.6	5411363.0	66543.29688	326.32	0	48.855218	-86.940405	56210.70	56234.9	15.10	56225.80	56224.34375	56228.10316	56225.23047	504371.6	5411363.0
L4375.0	504371.6	5411363.0	66543.39844	327.26	0	48.855218	-86.940405	56211.43	56234.9	15.10	56226.52	56225.03516	56230.58923	56227.59766	504371.6	5411363.0
L4375.0	504371.6	5411365.2	66543.50000	326.73	0	48.855238	-86.940405	56212.13	56234.9	15.10	56227.23	56225.72266	56233.01589	56229.91016	504371.6	5411365.2
L4375.0	504371.6	5411366.8	66543.60156	326.73	0	48.855252	-86.940405	56212.55	56234.9	15.10	56227.65	56226.11719	56229.07126	56225.85547	504371.6	5411366.8
L4375.0	504371.6	5411366.8	66543.70313	325.27	0	48.855252	-86.940405	56213.32	56234.9	15.10	56228.43	56226.87109	56233.37997	56230.05469	504371.6	5411366.8
L4375.0	504371.6	5411368.3	66543.79688	325.19	0	48.855266	-86.940405	56213.69	56234.9	15.11	56228.80	56227.21875	56228.58983	56225.16016	504371.6	5411368.3
L4375.0	504371.6	5411370.2	66543.89844	325.05	0	48.855283	-86.940405	56214.52	56234.9	15.11	56229.63	56228.02734	56234.33164	56230.80078	504371.6	5411370.2
L4375.0	504371.6	5411371.5	66544.00000	324.47	0	48.855294	-86.940405	56215.06	56234.9	15.11	56230.17	56228.54688	56233.67559	56230.04688	504371.6	5411371.5
L4375.0	504371.6	5411371.5	66544.10156	323.38	0	48.855294	-86.940405	56215.43	56234.9	15.11	56230.54	56228.89844	56229.34586	56225.62109	504371.6	5411371.5
L4375.0	504371.6	5411373.2	66544.20313	322.74	0	48.855310	-86.940405	56216.11	56234.9	15.11	56231.22	56229.55859	56232.14522	56228.32813	504371.6	5411373.2
L4375.0	504371.6	5411375.5	66544.29688	321.60	0	48.855331	-86.940405	56216.73	56234.9	15.12	56231.84	56230.16406	56233.73669	56229.82813	504371.6	5411375.5
L4375.0	504371.6	5411375.5	66544.39844	324.04	0	48.855331	-86.940405	56217.17	56234.9	15.12	56232.29	56230.59766	56231.67847	56227.68359	504371.6	5411375.5
L4375.0	504371.6	5411377.0	66544.50000	323.58	0	48.855345	-86.940405	56217.77	56234.9	15.12	56232.89	56231.18359	56233.11481	56229.03906	504371.6	5411377.0
L4375.0	504371.6	5411377.0	66544.60156	322.03	0	48.855345	-86.940405	56218.34	56234.9	15.12	56233.46	56231.73828	56234.02462	56229.86719	504371.6	5411377.0
L4375.0	504371.6	5411378.8	66544.70313	322.12	0	48.855361	-86.940405	56218.78	56234.9	15.12	56233.90	56232.16406	56232.20762	56227.97266	504371.6	5411378.8
L4375.0	504371.6	5411380.1	66544.79688	322.01	0	48.855372	-86.940405	56219.66	56234.9	15.13	56234.79	56233.04297	56240.44290	56236.13281	504371.6	5411380.1
L4375.0	504371.5	5411381.8	66544.89844	323.40	0	48.855388	-86.940405	56220.23	56234.9	15.13	56235.36	56233.60547	56241.76461	56237.38281	504371.5	5411381.8
L4375.0	504371.5	5411381.8	66545.00000	323.63	0	48.855388	-86.940405	56220.81	56234.9	15.13	56235.93	56234.16406	56243.23090	56238.78125	504371.5	5411381.8
L4375.0	504371.5	5411383.8	66545.10156	322.78	0	48.855405	-86.940405	56221.53	56234.9	15.13	56236.66	56234.88672	56248.36241	56243.84375	504371.5	5411383.8
L4375.0	504371.5	5411385.3	66545.20313	323.26	0	48.855419	-86.940405	56221.90	56234.9	15.13	56237.03	56235.25000	56245.72611	56241.14453	504371.5	5411385.3
L4375.0	504371.5	5411385.3	66545.29688	324.26	0	48.855419	-86.940405	56222.33	56234.9	15.13	56237.46	56235.67188	56244.54365	56239.89844	504371.5	5411385.3
L4375.0	504371.5	5411387.0	66545.39844	322.97	0	48.855434	-86.940405	56222.96	56234.9	15.13	56238.09	56236.30078	56247.92817	56243.22656	504371.5	5411387.0
L4375.0	504371.5	5411388.9	66545.50000	324.03	0	48.855452	-86.940405	56223.45	56234.9	15.13	56238.57	56236.77734	56248.13266	56243.37500	504371.5	5411388.9
L4375.0	504371.5	5411388.9	66545.60156	324.03	0	48.855452	-86.940405	56224.08	56234.9	15.13	56239.21	56237.41406	56252.05560	56247.24609	504371.5	5411388.9
L4375.0	504371.5	5411390.6	66545.70313	324.34	0	48.855467	-86.940405	56224.55	56234.9	15.13	56239.68	56237.88281	56252.31894	56247.45703	504371.5	5411390.6
L4375.0	504371.5	5411392.1	66545.79688	323.57	0	48.855480	-86.940405	56224.97	56234.9	15.13	56240.10	56238.30078	56251.57892	56246.66797	504371.5	5411392.1
L4375.0	504371.5	5411393.5	66545.89844	323.75	0	48.855493	-86.940406	56225.26	56234.9	15.13	56240.39	56238.59375	56247.99728	56243.03906	504371.5	5411393.5
L4375.0	504371.5	5411393.5	66546.00000	322.48	0	48.855493	-86.940406	56225.85	56234.9	15.13	56240.98	56239.18359	56251.35660	56246.35547	504371.5	5411393.5
L4375.0	504371.5	5411395.0	66546.10156	324.40	0	48.855506	-86.940406	56226.41	56234.9	15.13	56241.53	56239.73828	56253.94392	56248.89844	504371.5	5411395.0
L4375.0	504371.5	5411396.8	66546.20313	325.23	0	48.855522	-86.940406	56227.23	56234.9	15.13	56242.36	56240.57031	56263.10342	56258.01953	504371.5	5411396.8

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4375.0	504371.5	5411396.8	66546.29688	325.62	0	48.855522	-86.940406	56227.36	56234.9	15.12	56242.48	56240.69531	56256.04603	56250.92578	504371.5	5411396.8
L4375.0	504371.4	5411398.2	66546.39844	326.75	0	48.855535	-86.940406	56227.81	56234.9	15.12	56242.93	56241.15234	56256.69082	56251.53516	504371.4	5411398.2
L4375.0	504371.4	5411399.6	66546.50000	326.84	0	48.855548	-86.940406	56228.38	56234.9	15.12	56243.49	56241.71875	56259.98575	56254.79688	504371.4	5411399.6
L4375.0	504371.4	5411399.6	66546.60156	327.06	0	48.855548	-86.940406	56228.58	56234.9	15.12	56243.70	56241.93750	56255.30406	56250.08203	504371.4	5411399.6
L4375.0	504371.4	5411401.6	66546.70313	326.76	0	48.855565	-86.940406	56228.73	56234.9	15.12	56243.85	56242.09766	56249.35316	56244.09766	504371.4	5411401.6
L4375.0	504371.4	5411402.8	66546.79688	326.33	0	48.855577	-86.940406	56229.34	56234.9	15.11	56244.45	56242.70703	56253.89390	56248.61328	504371.4	5411402.8
L4375.0	504371.4	5411402.8	66546.89844	325.90	0	48.855577	-86.940406	56229.66	56234.9	15.11	56244.77	56243.03906	56252.09110	56246.78125	504371.4	5411402.8
L4375.0	504371.4	5411405.9	66547.00000	325.30	0	48.855604	-86.940407	56229.93	56234.9	15.11	56245.04	56243.32031	56249.26045	56243.92578	504371.4	5411405.9
L4375.0	504371.4	5411405.9	66547.10156	324.90	0	48.855604	-86.940407	56230.42	56234.9	15.11	56245.53	56243.82422	56251.57825	56246.21875	504371.4	5411405.9
L4375.0	504371.4	5411407.4	66547.20313	324.71	0	48.855618	-86.940407	56231.14	56234.9	15.11	56246.25	56244.55469	56259.21294	56253.83203	504371.4	5411407.4
L4375.0	504371.3	5411408.6	66547.29688	325.19	0	48.855629	-86.940407	56231.18	56234.9	15.11	56246.29	56244.60938	56251.49305	56246.08984	504371.3	5411408.6
L4375.0	504371.3	5411410.3	66547.39844	323.12	0	48.855644	-86.940407	56231.48	56234.9	15.11	56246.59	56244.92578	56249.80352	56244.38281	504371.3	5411410.3
L4375.0	504371.3	5411410.3	66547.50000	323.61	0	48.855644	-86.940407	56232.05	56234.9	15.11	56247.15	56245.50391	56254.05619	56248.61719	504371.3	5411410.3
L4375.0	504371.3	5411411.6	66547.60156	323.61	0	48.855656	-86.940408	56232.36	56234.9	15.10	56247.46	56245.83203	56252.79300	56247.33594	504371.3	5411411.6
L4375.0	504371.3	5411411.6	66547.70313	322.52	0	48.855656	-86.940408	56232.57	56234.9	15.10	56247.67	56246.05859	56249.42811	56243.95313	504371.3	5411411.6
L4375.0	504371.3	5411413.3	66547.79688	322.19	0	48.855671	-86.940408	56233.06	56234.9	15.10	56248.17	56246.57813	56252.58148	56247.08984	504371.3	5411413.3
L4375.0	504371.3	5411414.7	66547.89844	322.75	0	48.855684	-86.940408	56233.38	56234.9	15.10	56248.48	56246.90625	56251.63562	56246.13281	504371.3	5411414.7
L4375.0	504371.3	5411416.2	66548.00000	323.77	0	48.855697	-86.940408	56234.00	56234.9	15.10	56249.10	56247.54688	56257.53740	56252.01953	504371.3	5411416.2
L4375.0	504371.3	5411416.2	66548.10156	323.39	0	48.855697	-86.940408	56234.27	56234.9	15.10	56249.37	56247.83984	56255.89530	56250.36328	504371.3	5411416.2
L4375.0	504371.3	5411417.8	66548.20313	322.80	0	48.855711	-86.940408	56234.84	56234.9	15.10	56249.94	56248.42969	56260.82322	56255.28125	504371.3	5411417.8
L4375.0	504371.3	5411419.3	66548.29688	323.67	0	48.855724	-86.940408	56235.11	56234.9	15.10	56250.21	56248.72266	56259.36741	56253.81250	504371.3	5411419.3
L4375.0	504371.3	5411419.3	66548.39844	323.79	0	48.855724	-86.940408	56235.34	56234.9	15.10	56250.44	56248.97656	56257.15819	56251.59375	504371.3	5411419.3
L4375.0	504371.3	5411420.8	66548.50000	324.66	0	48.855738	-86.940408	56235.14	56234.9	15.10	56250.24	56248.80078	56245.87901	56240.30469	504371.3	5411420.8
L4375.0	504371.3	5411421.9	66548.60156	324.66	0	48.855748	-86.940408	56235.85	56234.9	15.09	56250.94	56249.52344	56253.88667	56248.30469	504371.3	5411421.9
L4375.0	504371.3	5411421.9	66548.70313	323.58	0	48.855748	-86.940408	56236.11	56234.9	15.09	56251.21	56249.81641	56252.80943	56247.21484	504371.3	5411421.9
L4375.0	504371.3	5411423.4	66548.79688	322.19	0	48.855762	-86.940407	56236.43	56234.9	15.09	56251.52	56250.15234	56252.66415	56247.06250	504371.3	5411423.4
L4375.0	504371.3	5411425.1	66548.89844	321.66	0	48.855776	-86.940407	56236.85	56234.9	15.09	56251.94	56250.60156	56254.93311	56249.32422	504371.3	5411425.1
L4375.0	504371.3	5411425.1	66549.00000	321.84	0	48.855776	-86.940407	56237.11	56234.9	15.09	56252.20	56250.88672	56253.88267	56248.26563	504371.3	5411425.1
L4375.0	504371.3	5411426.3	66549.10156	320.75	0	48.855788	-86.940407	56237.66	56234.9	15.09	56252.75	56251.46484	56259.06443	56253.43750	504371.3	5411426.3
L4375.0	504371.4	5411427.6	66549.20313	320.20	0	48.855799	-86.940407	56238.26	56234.9	15.09	56253.35	56252.08984	56265.38215	56259.75000	504371.4	5411427.6
L4375.0	504371.4	5411428.9	66549.29688	319.61	0	48.855811	-86.940407	56238.70	56234.9	15.09	56253.79	56252.55859	56268.37938	56262.73828	504371.4	5411428.9
L4375.0	504371.4	5411428.9	66549.39844	321.52	0	48.855811	-86.940407	56238.64	56234.9	15.09	56253.73	56252.52734	56260.84596	56255.19922	504371.4	5411428.9
L4375.0	504371.4	5411430.0	66549.50000	322.54	0	48.855821	-86.940406	56239.16	56234.9	15.09	56254.25	56253.07813	56265.69230	56260.03906	504371.4	5411430.0
L4375.0	504371.4	5411431.2	66549.60156	322.54	0	48.855832	-86.940406	56238.79	56234.9	15.09	56253.88	56252.73438	56251.74107	56246.07813	504371.4	5411431.2
L4375.0	504371.4	5411431.2	66549.70313	323.92	0	48.855832	-86.940406	56239.22	56234.9	15.09	56254.31	56253.19531	56254.83218	56249.16016	504371.4	5411431.2
L4375.0	504371.4	5411432.6	66549.79688	323.95	0	48.855845	-86.940406	56239.39	56234.9	15.09	56254.48	56253.39453	56252.48561	56246.80469	504371.4	5411432.6
L4375.0	504371.5	5411434.1	66549.89844	322.73	0	48.855858	-86.940405	56239.81	56234.9	15.09	56254.90	56253.84766	56255.51861	56249.83203	504371.5	5411434.1
L4375.0	504371.5	5411435.1	66550.00000	323.72	0	48.855867	-86.940405	56240.63	56234.9	15.09	56255.71	56254.68750	56266.90980	56261.21484	504371.5	5411435.1
L4375.0	504371.5	5411435.1	66550.10156	324.32	0	48.855867	-86.940405	56240.94	56234.9	15.09	56256.03	56255.03906	56267.98405	56262.28125	504371.5	5411435.1
L4375.0	504371.5	5411436.3	66550.20313	322.56	0	48.855878	-86.940405	56241.44	56234.9	15.08	56256.52	56255.55859	56272.75217	56267.03906	504371.5	5411436.3
L4375.0	504371.5	5411437.6	66550.29688	322.84	0	48.855889	-86.940404	56241.37	56234.9	15.08	56256.45	56255.51953	56265.69373	56259.97266	504371.5	5411437.6
L4375.0	504371.5	5411437.6	66550.39844	324.74	0	48.855889	-86.940404	56241.74	56234.9	15.08	56256.82	56255.92188	56268.07039	56262.33984	504371.5	5411437.6
L4375.0	504371.6	5411438.9	66550.50000	326.10	0	48.855901	-86.940404	56241.83	56234.9	15.07	56256.90	56256.03516	56264.35060	56258.60938	504371.6	5411438.9
L4375.0	504371.6	5411440.1	66550.60156	326.33	0	48.855912	-86.940403	56242.11	56234.9	15.07	56257.18	56256.34766	56264.96941	56259.21875	504371.6	5411440.1
L4375.0	504371.6	5411440.1	66550.70313	324.50	0	48.855912	-86.940403	56242.48	56234.9	15.07	56257.55	56256.75000	56267.59031	56261.82422	504371.6	5411440.1
L4375.0	504371.6	5411441.0	66550.79688	322.35	0	48.855920	-86.940403	56242.70	56234.9	15.07	56257.76	56256.99219	56266.87828	56261.10156	504371.6	5411441.0
L4375.0	504371.6	5411442.3	66550.89844	321.31	0	48.855932	-86.940403	56242.84	56234.9	15.06	56257.91	56257.17578	56264.96352	56259.17578	504371.6	5411442.3
L4375.0	504371.6	5411442.3	66551.00000	321.20	0	48.855932	-86.940403	56243.13	56234.9	15.06	56258.18	56257.48047	56265.69573	56259.89453	504371.6	5411442.3
L4375.0	504371.7	5411443.7	66551.10156	321.49	0	48.855944	-86.940403	56243.36	56234.9	15.06	56258.41	56257.74219	56265.65599	56259.83984	504371.7	5411443.7
L4375.0	504371.7	5411443.7	66551.20313	321.00	0	48.855944	-86.940403	56243.70	56234.9	15.06	56258.75	56258.11719	56268.06014	56262.23047	504371.7	5411443.7
L4375.0	504371.7	5411444.8	66551.29688	323.22	0	48.855954	-86.940403	56243.61	56234.9	15.06	56258.67	56258.07031	56261.53349	56255.68750	504371.7	5411444.8
L4375.0	504371.7	5411446.0	66551.39844	322.43	0	48.855964	-86.940402	56243.76	56234.9	15.06	56258.81	56258.24219	56259.80384	56253.94531	504371.7	5411446.0
L4375.0	504371.7	5411447.0	66551.50000	324.39	0	48.855974	-86.940402	56244.08	56234.9	15.06	56259.13	56258.59766	56262.03532	56256.16016	504371.7	5411447.0
L4375.0	504371.7	5411447.0	66551.60156	324.39	0	48.855974	-86.940402	56244.34	56234.9	15.05	56259.40	56258.89844	56263.28162	56257.39063	504371.7	5411447.0
L4375.0	504371.7	5411448.2	66551.70313	325.23	0	48.855985	-86.940402	56244.82	56234.9	15.05	56259.87	56259.40234	56268.96420	56263.05078	504371.7	5411448.2
L4375.0	504371.7	5411448.2	66551.79688	325.52	0	48.855985	-86.940402	56244.88	56234.9	15.05	56259.93	56259.49609	56265.83831	56259.91016	504371.7	5411448.2
L4375.0	504371.7	5411449.4	66551.89844	323.53	0	48.855996	-86.940402	56245.32	56234.9	15.05	56260.38	56259.98047	56271.30564	56265.35547	504371.7	5411449.4
L4375.0	504371.7	5411450.3	66552.00000	322.91	0	48.856003	-86.940402	56245.45	56234.9	15.05	56260.50	56260.13672	56269.65407	56263.68750	504371.7	5411450.3
L4375.0	504371.6	5411451.3	66552.10156	324.38	0	48.856012	-86.940403	56245.40	56234.9	15.05	56260.45	56260.12109	56264.32777	56258.33594	504371.6	5411451.3
L4375.0	504371.6	5411451.3	66552.20313	322.44	0	48.856012	-86.940403	56246.01	56234.9	15.05	56261.06	56260.76172	56273.63772	56267.62500	504371.6	5411451.3
L4375.0	504371.6	5411452.3	66552.29688	319.78	0	48.856022	-86.940403	56246.04	56234.9	15.05	56261.09	56260.82813	56270.22708	56264.19141	504371.6	5411452.3
L4375.0	504371.6	5411452.3	66552.39844	319.71	0	48.856022	-86.940403	56246.44	56234.9	15.05	56261.49	56261.26172	56275.09925	56269.04297	504371.6	5411452.3
L4375.0	504371.6	5411453.3	66552.50000	321.41	0	48.856030	-86.940403	56246.66	56234.9	15.06	56261.71	56261.51563	56276.06162	56269.98047	504371.6	5411453.3
L4375.0	504371.6	5411454.2	66552.60156	323.40	0	48.856038	-86.940403	56246.64	56234.9	15.06	56261.70	56261.53906	56271.97794	56265.87109	504371.6	5411454.2
L4375.0	504371.6	5411455.1	66552.70313	325.12	0	48.856047	-86.940404	56246.88	56234.9	15.06	56261.93	56261.80469	56273.31406	56267.17969	504371.6	5411455.1
L4375.0	504371.6	5411455.1	66552.79688	325.18	0	48.856047	-86.940404	56247.14	56234.9	15.06	56262.20	56262.10547	56275.61702	56269.45703	504371.6	5411455.1
L4375.0	504371.5	5411455.7	66552.89844	324.69	0	48.856052	-86.940404	56247.43	56234.9	15.06	56262.49	56262.42969	56278.43561	56272.24609	504371.5	5411455.7
L4375.0	504371.5	5411455.7	66553.00000	325.42	0	48.856052	-86.940404	56247.49	56234.9	15.06	56262.55	56262.52344	56276.20481	56269.98828	504371.5	5411455.7
L4375.0	504371.5	5411456.7	66553.10156	326.74	0	48.856061	-86.940404	56247.72	56234.9	15.06	56262.78	56262.78906	56277.82453	56271.57813	504371.5	5411456.7
L4375.0	504371.5	5411457.5	66553.20313	326.09	0	48.856069	-86.940405	56247.58	56234.9	15.06	56262.64	56262.68359	56271.32086	56265.04297	504371.5	5411457.5
L4375.0	504371.5	5411457.5	66553.29688	324.40	0	48.856069	-86.940405	56247.98	56234.9	15.05	56263.03	56263.10547	56276.61632	56270.30859	504371.5	5411457.5
L4375.0	504371.5	5411458.4	66553.39844	323.94	0	48.856076	-86.940405	56248.03	56234.9	15.05	56263.08	56263.18750	56274.47368	56268.13672	504371.5	5411458.4
L4375.0	504371.4	5411459.2	66553.50000	323.69	0	48.856084	-86.940406	56247.95	56235	15.05	56263.00	56263.14063	56269.56939	56263.19922	504371.4	5411459.2
L4375.0	504371.4	5411459.2	66553.60156	323.69	0	48.856084	-86.940406	56248.17	56235	15.05	56263.22	56263.39453	56271.31544	56264.91406	504371.4	5411459.2
L4375.0	504371.4	5411459.9	66553.70313	322.10	0	48.856090	-86.940406	56248.36	56235	15.05	56263.40	56263.60938	56272.24604	56265.80859	504371.4	5411459.9
L4375.0	504371.4	5411460.6	66553.79688	321.31	0	48.856096	-86.940406	56248.51	56235	15.04	56263.56	56263.80078	56272.80258	56266.32813	504371.4	5411460.6
L4375.0	504371.4	5411460.6	66553.89844	321.72	0	48.856096	-86.940406	56248.56	56235	15.04	56263.61	56263.88672	56271.04947	56264.54297	504371.4	5411460.6
L4375.0	504371.3	5411461.3	66554.00000	322.68	0	48.856102	-86.940407	56248.71	56235	15.04	56263.75	56264.05859	56271.30545	56264.76172	504371.3	5411461.3
L4375.0	504371.3	5411461.9	66554.10156	323.27	0	48.856108	-86.940407	56248.71	56235	15.04	56263.76	56264.10156	56268.84117	56262.26172	504371.3	5411461.9
L4375.0	504371.3	5411462.4	66554.20313	322.01	0	48.856113	-86.940407	56248.71	56235	15.04	56263.76	56264.13672	56266.23880	56259.62109	504371.3	5411462.4
L4375.0	504371.3	5411462.4	66554.29688	321.20	0	48.856113	-86.940407	56248.99	56235	15.04	56264.03	56264.43750	56269.45239	56262.79688	504371.3	5411462.4
L4375.0	504371.3	5411463.1	66554.39844	321.80	0	48.856119	-86.940407	56249.28	56235	15.04	56264.33	56264.76953	56273.35003	56266.65625	504371.3	5411463.1
L4375.0	504371.3	5411463.6	66554.50000	322.24	0	48.856123	-86.940408	56249.56	56235	15.04	56264.60	56265.07422	56276.66294	56269.93359	504371.3	5411463.6
L4375.0	504371.3	5411464.2	66554.60156	322.53	0	48.856129	-86.940408	56249.73	56235	15.05	56264.78	56265.28516	56278.12349	56271.35156	504371.3	5411464.2
L4375.0	504371.3	5411464.2	66554.70313	320.86	0	48.856129	-86.940408	56249.94	56235	15.05	56264.99	56265.53125	56280.28862	56273.47656	504371.3	5411464.2
L4375.0	504371.2	5411464.8	66554.79688	324.30	0	48.856134	-86.940408	56249.61	56235	15.05	56264.65	56265.22266	56270.76476	56263.91406	504371.2	5411464.8
L4375.0	504371.2	5411465.2	66554.89844	323.95	0	48.856138	-86.940408	56249.45	56235	15.05	56264.50	56265.10547	56265.29575	56258.40625	504371.2	5411465.2
L4375.0	504371.2	5411465.2	66555.00000	321.54	0	48.856138	-86.940408	56249.36	56234.9	15.05	56264.41	56265.04688	56261.10498	56254.17188	504371.2	5411465.2
L4375.0	504371.2	5411466.1	66555.10156	322.60	0	48.856146	-86.940409	56249.76	56235	15.05	56264.81	56265.48047	56267.54809	56260.57422	504371.2	5411466.1
L4375.0	504371.2	5411466.1	66555.20313	320.91	0	48.856146	-86.940409	56249.86	56235	15.05	56264.91	56265.61328	56267.54505	56260.52734	504371.2	5411466.1
L4375.0	504371.2	5411466.1	66555.29688	322.35	0	48.856146	-86.940409	56249.89	56235	15.05	56264.94	56265.67578	56266.02701	56258.96875	504371.2	5411466.1
L4375.0	504371.2	5411466.7	66555.39844	323.36	0	48.856151	-86.940409	56249.88	56235	15.05	56264.93	56265.69922	56263.61888	56256.51953	504371.2	5411466.7
L4375.0	504371.1	5411467.1	66555.50000	324.15	0	48.856154	-86.940410	56250.00	56235	15.05	56265.04	56265.83984	56263.89125	56256.75000	504371.1	5411467.1

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4375.0	504371.1	5411467.1	66555.60156	324.15	0	48.856154	-86.940410	56250.24	56235	15.04	56265.28	56266.11328	56267.14520	56259.96094	504371.1	5411467.1
L4375.0	504371.1	5411467.5	66555.70313	323.73	0	48.856159	-86.940410	56250.56	56235	15.04	56265.60	56266.46484	56272.32004	56265.09375	504371.1	5411467.5
L4375.0	504371.1	5411467.8	66555.79688	325.39	0	48.856161	-86.940410	56250.61	56235	15.04	56265.65	56266.54688	56271.36011	56264.08984	504371.1	5411467.8
L4375.0	504371.1	5411468.1	66555.89844	325.53	0	48.856164	-86.940410	56250.46	56235	15.04	56265.51	56266.44141	56265.94990	56258.63672	504371.1	5411468.1
L4380.0	504378.2	5410091.7	85065.60156	230.26	42.47	48.843782	-86.940327	55955.37	56276.6	-26.55	55928.82	55987.08984	55949.04838	55955.85938	504378.2	5410091.7
L4380.0	504378.2	5410091.7	85065.70313	231.89	43.02	48.843782	-86.940327	55956.74	56276.6	-26.55	55930.18	55987.73828	55949.60626	55956.08984	504378.2	5410091.7
L4380.0	504378.3	5410091.6	85065.79688	234.48	43.81	48.843781	-86.940327	55958.76	56276.6	-26.55	55932.21	55989.05859	55950.12974	55956.28516	504378.3	5410091.6
L4380.0	504378.3	5410091.5	85065.89844	234.26	44.52	48.843780	-86.940327	55958.56	56276.6	-26.55	55932.01	55988.14453	55950.81227	55956.64063	504378.3	5410091.5
L4380.0	504378.3	5410091.4	85066.00000	234.37	44.52	48.843779	-86.940327	55960.96	56276.6	-26.55	55934.41	55989.83203	55951.33192	55956.83203	504378.3	5410091.4
L4380.0	504378.3	5410091.4	85066.10156	233.78	44.98	48.843779	-86.940327	55961.52	56276.6	-26.55	55934.97	55989.67969	55951.98480	55957.16016	504378.3	5410091.4
L4380.0	504378.3	5410091.2	85066.20313	228.59	44.93	48.843778	-86.940327	55961.32	56276.6	-26.56	55934.76	55988.75781	55952.69966	55957.55078	504378.3	5410091.2
L4380.0	504378.3	5410091.1	85066.29688	229.34	44.93	48.843777	-86.940327	55963.14	56276.6	-26.56	55936.58	55989.86719	55953.28989	55957.81641	504378.3	5410091.1
L4380.0	504378.3	5410091.0	85066.39844	229.27	44.21	48.843775	-86.940327	55964.63	56276.6	-26.56	55938.07	55990.64453	55953.91290	55958.11328	504378.3	5410091.0
L4380.0	504378.3	5410090.8	85066.50000	226.11	43.15	48.843773	-86.940327	55966.12	56276.6	-26.57	55939.56	55991.42188	55954.54676	55958.42188	504378.3	5410090.8
L4380.0	504378.3	5410090.8	85066.60156	224.74	43.15	48.843773	-86.940327	55964.53	56276.6	-26.57	55937.96	55989.10938	55955.39751	55958.95313	504378.3	5410090.8
L4380.0	504378.3	5410090.6	85066.60156	224.74	43.4	48.843772	-86.940327	55965.29	56276.6	-26.57	55938.72	55989.15625	55956.10188	55959.33594	504378.3	5410090.6
L4380.0	504378.3	5410090.4	85066.79688	221.48	43.4	48.843770	-86.940326	55966.30	56276.6	-26.57	55939.72	55989.44531	55956.80124	55959.71484	504378.3	5410090.4
L4380.0	504378.3	5410090.4	85066.89844	224.61	43.79	48.843770	-86.940326	55967.01	56276.6	-26.58	55940.43	55989.44141	55957.53097	55960.12500	504378.3	5410090.4
L4380.0	504378.3	5410090.3	85067.00000	228.57	43.79	48.843769	-86.940326	55967.39	56276.6	-26.58	55940.81	55989.10938	55958.29375	55960.57031	504378.3	5410090.3
L4380.0	504378.4	5410090.1	85067.10156	228.87	43.61	48.843767	-86.940326	55968.07	56276.6	-26.58	55941.48	55989.06641	55959.04829	55961.00781	504378.4	5410090.1
L4380.0	504378.4	5410089.9	85067.20313	226.93	43.22	48.843765	-86.940325	55968.86	56276.6	-26.58	55942.27	55989.14063	55959.80593	55961.44922	504378.4	5410089.9
L4380.0	504378.4	5410089.7	85067.29688	224.89	43.22	48.843764	-86.940325	55970.07	56276.6	-26.59	55943.48	55989.64063	55960.54669	55961.87500	504378.4	5410089.7
L4380.0	504378.4	5410089.7	85067.39844	225.22	43.22	48.843764	-86.940325	55971.36	56276.6	-26.59	55944.77	55990.21484	55961.29323	55962.31250	504378.4	5410089.7
L4380.0	504378.5	5410089.5	85067.50000	226.05	43.47	48.843762	-86.940324	55971.96	56276.6	-26.59	55945.37	55990.10156	55962.09688	55962.80469	504378.5	5410089.5
L4380.0	504378.5	5410089.3	85067.60156	227.99	43.99	48.843760	-86.940324	55972.80	56276.6	-26.59	55946.21	55990.23047	55962.89563	55963.29688	504378.5	5410089.3
L4380.0	504378.5	5410089.3	85067.70313	229.54	43.99	48.843760	-86.940324	55973.48	56276.6	-26.59	55946.89	55990.19531	55963.71611	55963.80859	504378.5	5410089.3
L4380.0	504378.6	5410089.0	85067.79688	227.68	44.63	48.843757	-86.940323	55973.51	56276.6	-26.60	55946.91	55989.50391	55964.59164	55964.38281	504378.6	5410089.0
L4380.0	504378.7	5410088.6	85067.89844	227.13	44.63	48.843754	-86.940322	55974.75	56276.6	-26.60	55948.15	55990.03125	55965.39682	55964.88281	504378.7	5410088.6
L4380.0	504378.7	5410088.3	85068.00000	227.39	45.47	48.843752	-86.940321	55976.59	56276.6	-26.60	55949.99	55991.15625	55966.17294	55965.35938	504378.7	5410088.3
L4380.0	504378.7	5410088.3	85068.10156	226.31	45.47	48.843752	-86.940321	55977.71	56276.6	-26.60	55951.11	55991.56250	55967.00792	55965.89844	504378.7	5410088.3
L4380.0	504378.8	5410088.0	85068.20313	227.64	45.45	48.843749	-86.940320	55979.58	56276.6	-26.59	55952.98	55992.71875	55967.80370	55966.39844	504378.8	5410088.0
L4380.0	504378.9	5410087.6	85068.29688	228.09	45.45	48.843745	-86.940319	55979.96	56276.6	-26.59	55953.37	55992.39844	55968.70884	55967.01172	504378.9	5410087.6
L4380.0	504378.9	5410087.2	85068.39844	226.83	45.45	48.843741	-86.940318	55981.57	56276.6	-26.59	55954.99	55993.30469	55969.54257	55967.55469	504378.9	5410087.2
L4380.0	504379.0	5410086.8	85068.50000	225.96	45.43	48.843738	-86.940317	55982.54	56276.6	-26.58	55955.95	55993.55078	55970.43077	55968.15625	504379.0	5410086.8
L4380.0	504379.0	5410086.8	85068.60156	226.17	45.5	48.843738	-86.940317	55984.82	56276.6	-26.58	55958.23	55995.12109	55971.24131	55968.68359	504379.0	5410086.8
L4380.0	504379.0	5410086.4	85068.60156	226.17	45.5	48.843734	-86.940316	55984.66	56276.6	-26.58	55958.08	55994.25781	55972.22405	55969.38281	504379.0	5410086.4
L4380.0	504379.1	5410086.0	85068.79688	227.75	46.18	48.843730	-86.940316	55986.51	56276.6	-26.58	55959.93	55995.39453	55973.08349	55969.96484	504379.1	5410086.0
L4380.0	504379.1	5410086.0	85068.89844	227.79	46.18	48.843730	-86.940316	55988.33	56276.6	-26.57	55961.76	55996.51563	55973.95414	55970.55859	504379.1	5410086.0
L4380.0	504379.1	5410085.5	85069.00000	226.57	46.45	48.843726	-86.940315	55989.79	56276.6	-26.57	55963.22	55997.26172	55974.85912	55971.19141	504379.1	5410085.5
L4380.0	504379.2	5410085.1	85069.10156	228.06	46.77	48.843722	-86.940315	55992.13	56276.6	-26.57	55965.56	55998.89453	55975.71493	55971.77734	504379.2	5410085.1
L4380.0	504379.2	5410084.5	85069.20313	229.62	46.77	48.843717	-86.940314	55992.56	56276.6	-26.57	55965.99	55998.61328	55976.70733	55972.50391	504379.2	5410084.5
L4380.0	504379.2	5410084.5	85069.29688	227.46	46.55	48.843717	-86.940314	55993.16	56276.6	-26.57	55966.59	55998.50391	55977.69745	55973.23047	504379.2	5410084.5
L4380.0	504379.3	5410084.1	85069.39844	224.11	46.55	48.843713	-86.940314	55993.41	56276.6	-26.57	55966.84	55998.04688	55978.71970	55973.99219	504379.3	5410084.1
L4380.0	504379.3	5410083.6	85069.50000	224.65	46.73	48.843709	-86.940313	55997.18	56276.6	-26.57	55970.61	56001.10938	55979.51585	55974.53125	504379.3	5410083.6
L4380.0	504379.3	5410083.2	85069.60156	224.70	46.73	48.843705	-86.940313	55999.84	56276.6	-26.57	55973.27	56003.06250	55980.39429	55975.15625	504379.3	5410083.2
L4380.0	504379.3	5410082.7	85069.70313	222.43	46.2	48.843701	-86.940312	56002.49	56276.6	-26.57	55975.92	56005.00391	55981.28141	55975.79688	504379.3	5410082.7
L4380.0	504379.4	5410082.2	85069.79688	222.96	43.9	48.843696	-86.940312	56004.01	56276.6	-26.57	55977.44	56005.82031	55982.25161	55976.51953	504379.4	5410082.2
L4380.0	504379.4	5410082.2	85069.89844	223.02	43.9	48.843696	-86.940312	56003.48	56276.6	-26.57	55976.91	56004.58594	55983.36591	55977.39063	504379.4	5410082.2
L4380.0	504379.4	5410081.6	85070.00000	223.00	44.96	48.843691	-86.940312	56004.46	56276.6	-26.57	55977.89	56004.86328	55984.38669	55978.17188	504379.4	5410081.6
L4380.0	504379.4	5410081.1	85070.10156	225.41	45.36	48.843686	-86.940311	56007.66	56276.6	-26.57	55981.09	56007.36328	55985.26628	55978.81641	504379.4	5410081.1
L4380.0	504379.4	5410080.6	85070.20313	224.99	45.36	48.843682	-86.940311	56010.21	56276.6	-26.57	55983.64	56009.21484	55986.19570	55979.51563	504379.4	5410080.6
L4380.0	504379.5	5410079.9	85070.29688	224.08	45.36	48.843676	-86.940311	56011.75	56276.6	-26.56	55985.19	56010.06641	55987.19796	55980.29297	504379.5	5410079.9
L4380.0	504379.5	5410079.9	85070.39844	224.96	45.88	48.843676	-86.940311	56014.21	56276.6	-26.56	55987.65	56011.82813	55988.14537	55981.01563	504379.5	5410079.9
L4380.0	504379.5	5410079.4	85070.50000	224.63	46.58	48.843671	-86.940311	56014.28	56276.6	-26.56	55987.72	56011.20313	55989.25759	55981.90625	504379.5	5410079.4
L4380.0	504379.5	5410078.7	85070.60156	224.67	46.58	48.843665	-86.940310	56015.29	56276.6	-26.56	55988.73	56011.51953	55990.31227	55982.74609	504379.5	5410078.7
L4380.0	504379.5	5410078.7	85070.60156	224.67	46.7	48.843665	-86.940310	56018.23	56276.6	-26.56	55991.67	56013.76953	55991.24305	55983.46484	504379.5	5410078.7
L4380.0	504379.5	5410077.9	85070.79688	225.20	46.71	48.843658	-86.940310	56021.67	56276.6	-26.55	55995.12	56016.53125	55992.14423	55984.16016	504379.5	5410077.9
L4380.0	504379.5	5410077.4	85070.89844	225.70	46.71	48.843653	-86.940310	56022.96	56276.6	-26.55	55996.40	56017.12500	55993.19411	55985.00391	504379.5	5410077.4
L4380.0	504379.5	5410076.6	85071.00000	224.49	47.71	48.843646	-86.940310	56025.16	56276.6	-26.55	55998.61	56018.64844	55994.18565	55985.79688	504379.5	5410076.6
L4380.0	504379.5	5410075.9	85071.10156	225.33	47.71	48.843640	-86.940310	56027.43	56276.6	-26.55	56000.88	56020.23828	55995.17647	55986.59375	504379.5	5410075.9
L4380.0	504379.5	5410075.3	85071.20313	226.04	48.06	48.843634	-86.940310	56029.82	56276.6	-26.55	56003.27	56021.94922	55996.16220	55987.38672	504379.5	5410075.3
L4380.0	504379.5	5410074.5	85071.29688	225.48	48.04	48.843627	-86.940310	56028.68	56276.6	-26.55	56002.13	56020.13281	55997.38579	55988.42188	504379.5	5410074.5
L4380.0	504379.5	5410073.9	85071.39844	226.48	48.04	48.843621	-86.940310	56031.74	56276.6	-26.55	56005.19	56022.51953	55998.33153	55989.18750	504379.5	5410073.9
L4380.0	504379.5	5410073.9	85071.50000	227.44	48.1	48.843621	-86.940310	56035.91	56276.6	-26.55	56009.36	56026.01953	55999.20503	55989.88281	504379.5	5410073.9
L4380.0	504379.5	5410072.9	85071.60156	226.50	48.1	48.843612	-86.940310	56035.00	56276.6	-26.55	56008.45	56024.44141	56000.41858	55990.92188	504379.5	5410072.9
L4380.0	504379.5	5410072.1	85071.70313	228.16	48.24	48.843606	-86.940310	56037.35	56276.6	-26.55	56010.80	56026.12500	56001.41580	55991.74609	504379.5	5410072.1
L4380.0	504379.5	5410072.1	85071.79688	227.62	48.64	48.843606	-86.940310	56041.32	56276.6	-26.55	56014.77	56029.43750	56002.30564	55992.47266	504379.5	5410072.1
L4380.0	504379.5	5410071.3	85071.89844	225.61	48.64	48.843598	-86.940310	56041.30	56276.6	-26.55	56014.75	56028.75781	56003.46173	55993.46484	504379.5	5410071.3
L4380.0	504379.5	5410070.5	85072.00000	225.12	48.92	48.843591	-86.940310	56044.76	56276.6	-26.55	56018.21	56031.56641	56004.38569	55994.23438	504379.5	5410070.5
L4380.0	504379.5	5410069.7	85072.10156	223.96	48.92	48.843584	-86.940310	56045.34	56276.5	-26.55	56018.79	56031.49609	56005.50115	55995.19531	504379.5	5410069.7
L4380.0	504379.5	5410069.7	85072.20313	223.63	48.89	48.843584	-86.940310	56047.24	56276.5	-26.55	56020.69	56032.75000	56006.52774	55996.07422	504379.5	5410069.7
L4380.0	504379.5	5410068.2	85072.29688	224.51	49.35	48.843570	-86.940310	56050.78	56276.5	-26.55	56024.23	56035.64844	56007.44376	55996.84766	504379.5	5410068.2
L4380.0	504379.5	5410068.2	85072.39844	228.44	49.35	48.843570	-86.940310	56051.11	56276.5	-26.55	56024.57	56035.35156	56008.57151	55997.83203	504379.5	5410068.2
L4380.0	504379.5	5410067.5	85072.50000	229.89	49.3	48.843564	-86.940310	56053.24	56276.5	-26.54	56026.69	56036.83984	56009.57865	55998.70703	504379.5	5410067.5
L4380.0	504379.5	5410066.4	85072.60156	230.36	49.3	48.843555	-86.940310	56056.20	56276.5	-26.54	56029.65	56039.17188	56010.52749	55999.52344	504379.5	5410066.4
L4380.0	504379.5	5410065.8	85072.60156	230.36	43.37	48.843548	-86.940311	56056.20	56276.5	-26.54	56029.65	56038.55078	56011.67101	56000.53906	504379.5	5410065.8
L4380.0	504379.5	5410065.8	85072.79688	229.09	43.37	48.843548	-86.940311	56058.83	56276.5	-26.54	56032.29	56040.57031	56012.63555	56001.38281	504379.5	5410065.8
L4380.0	504379.5	5410064.7	85072.89844	228.37	41.93	48.843539	-86.940311	56061.33	56276.5	-26.54	56034.79	56042.45703	56013.60610	56002.23438	504379.5	5410064.7
L4380.0	504379.4	5410063.8	85073.00000	228.69	41.93	48.843531	-86.940311	56062.20	56276.5	-26.54	56035.65	56042.71094	56014.68235	56003.19922	504379.4	5410063.8
L4380.0	504379.4	5410063.1	85073.10156	228.28	41.55	48.843524	-86.940311	56064.82	56276.5	-26.54	56038.28	56044.73828	56015.63664	56004.04297	504379.4	5410063.1
L4380.0	504379.4	5410062.2	85073.20313	225.86	41.55	48.843516	-86.940312	56066.76	56276.5	-26.54	56040.22	56046.08203	56016.63265	56004.93359	504379.4	5410062.2
L4380.0	504379.4	5410061.3	85073.29688	225.93	41.69	48.843508	-86.940312	56067.10	56276.5	-26.54	56040.56	56045.83203	56017.73076	56005.92969	504379.4	5410061.3
L4380.0	504379.4	5410060.2	85073.39844	227.02	41.69	48.843499	-86.940312	56069.61	56276.5	-26.54	56043.06	56047.74609	56018.68001	56006.78516	504379.4	5410060.2
L4380.0	504379.4	5410060.2	85073.50000	225.22	49.47	48.843499	-86.940312	56072.00	56276.5	-26.54	56045.45	56049.55859	56019.63144	56007.64453	504379.4	5410060.2
L4380.0	504379.4	5410059.1	85073.60156	227.04	48.77	48.843489	-86.940312	56073.81	56276.5	-26.55	56047.26	56050.79688	56020.61611	56008.53906	504379.4	5410059.1
L4380.0	504379.3	5410058.2	85073.70313	226.60	48.77	48.843480	-86.940313	56075.46	56276.5	-26.55	56048.92	56051.89063	56021.60508	56009.44531	504379.3	5410058.2
L4380.0	504379.3	5410057.2	85073.79688	226.01	48.77	48.843472	-86.940313	56077.16	56276.5	-26.55	56050.62	56053.03125	56022.58543	56010.34766	504379.3	5410057.2
L4380.0	504379.3	5410057.2	85073.89844	225.82	48.47	48.843472	-86.940313	56077.98	56276.5	-26.55	56051.43	56053.28516	56023.61892	56011.30469	504379.3	5410057.2
L4380.0	504379.3	5410055.9	85074.00000	225.08	42.76	48.843460	-86.940314	56079.82	56276.6	-26.55	56053.27	56054.58203	56024.57729	56012.19141	504379.3	5410055.9
L4380.0	504379.2	5410054.8	85074.10156	222.51	42.76	48.843450	-86.940314	56080.28	56276.5	-26.55	56053.73	56054.50000	56025.62099	56013.16797	504379.2	5410054.8
L4380.0	504379.2	5410054.8	85074.20313	222.31	42.48	48.843450	-86.940314	56082.61	56276.5	-26.55	56056.06	56056.30078	56026.53314	56014.01563	504379.2	5410054.8
L4380.0	504379.2	5410053.8	85074.29688	222.53	42.48	48.843441	-86.940314	56085.00	56276.5	-26.55	56058.46	56058.17578	56027.43351	56014.85938	504379.2	5410053.8
L4380.0	504379.2	5410052.7	85074.39844	223.91	45.73	48.843431	-86.940315	56084.56	56276.5	-26.55	56058.01	56057.20703	56028.51658	56015.88672	504379.2	5410052.7

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4380.0	504379.2	5410052.0	85074.50000	223.33	45.73	48.843425	-86.940315	56087.03	56276.5	-26.54	56060.48	56059.16797	56029.39748	56016.71875	504379.2	5410052.0
L4380.0	504379.2	5410052.0	85074.60156	225.34	47.9	48.843425	-86.940315	56089.06	56276.5	-26.54	56062.51	56060.69531	56030.30004	56017.57422	504379.2	5410052.0
L4380.0	504379.1	5410050.9	85074.60156	225.34	47.32	48.843414	-86.940316	56091.31	56276.5	-26.54	56064.76	56062.44922	56031.18008	56018.41016	504379.1	5410050.9
L4380.0	504379.1	5410049.7	85074.79688	226.25	47.32	48.843404	-86.940316	56092.37	56276.5	-26.54	56065.82	56063.02344	56032.13145	56019.32422	504379.1	5410049.7
L4380.0	504379.1	5410048.7	85074.89844	227.91	48.16	48.843395	-86.940316	56093.93	56276.5	-26.54	56067.39	56064.11719	56033.04064	56020.19531	504379.1	5410048.7
L4380.0	504379.1	5410047.7	85075.00000	229.26	48.18	48.843386	-86.940317	56094.97	56276.5	-26.54	56068.43	56064.68359	56033.97687	56021.10156	504379.1	5410047.7
L4380.0	504379.1	5410047.7	85075.10156	226.68	48.18	48.843386	-86.940317	56096.31	56276.5	-26.54	56069.77	56065.56250	56034.88465	56021.98438	504379.1	5410047.7
L4380.0	504379.1	5410046.6	85075.20313	225.97	48.67	48.843376	-86.940317	56097.40	56276.5	-26.54	56070.86	56066.19922	56035.80053	56022.87500	504379.1	5410046.6
L4380.0	504379.0	5410044.9	85075.29688	226.39	48.67	48.843361	-86.940317	56098.54	56276.5	-26.54	56072.00	56066.89453	56036.70440	56023.75781	504379.0	5410044.9
L4380.0	504379.0	5410044.9	85075.39844	225.47	48.95	48.843361	-86.940317	56099.40	56276.5	-26.54	56072.86	56067.32031	56037.61815	56024.65625	504379.0	5410044.9
L4380.0	504379.0	5410043.8	85075.50000	224.75	48.95	48.843351	-86.940317	56100.48	56276.5	-26.54	56073.94	56067.97266	56038.50835	56025.53516	504379.0	5410043.8
L4380.0	504379.0	5410042.7	85075.60156	226.41	48.99	48.843341	-86.940317	56101.86	56276.5	-26.54	56075.32	56068.93359	56039.36958	56026.38672	504379.0	5410042.7
L4380.0	504379.0	5410042.7	85075.70313	225.40	49.14	48.843341	-86.940317	56103.45	56276.5	-26.54	56076.90	56070.10156	56040.20843	56027.21875	504379.0	5410042.7
L4380.0	504379.0	5410040.6	85075.79688	225.56	49.14	48.843322	-86.940317	56105.09	56276.5	-26.54	56078.55	56071.35156	56041.03349	56028.04297	504379.0	5410040.6
L4380.0	504379.0	5410039.8	85075.89844	224.70	49.59	48.843315	-86.940317	56105.80	56276.5	-26.54	56079.26	56071.66797	56041.91203	56028.92188	504379.0	5410039.8
L4380.0	504379.0	5410039.8	85076.00000	224.76	49.61	48.843315	-86.940317	56106.69	56276.5	-26.54	56080.15	56072.17578	56042.76934	56029.78516	504379.0	5410039.8
L4380.0	504379.0	5410038.5	85076.10156	222.09	49.41	48.843303	-86.940317	56108.45	56276.5	-26.54	56081.91	56073.56250	56043.55936	56030.58203	504379.0	5410038.5
L4380.0	504379.0	5410037.5	85076.20313	223.84	49.41	48.843294	-86.940317	56110.25	56276.5	-26.54	56083.70	56074.98828	56044.33805	56031.37109	504379.0	5410037.5
L4380.0	504379.0	5410037.5	85076.29688	224.01	50.02	48.843294	-86.940317	56110.70	56276.5	-26.55	56084.16	56075.09766	56045.19605	56032.24609	504379.0	5410037.5
L4380.0	504379.0	5410035.1	85076.39844	224.42	50.02	48.843273	-86.940317	56111.59	56276.5	-26.55	56085.04	56075.63281	56046.01667	56033.08594	504379.0	5410035.1
L4380.0	504379.0	5410035.1	85076.50000	226.48	50.02	48.843273	-86.940317	56111.74	56276.6	-26.55	56085.19	56075.44531	56046.87655	56033.96484	504379.0	5410035.1
L4380.0	504379.0	5410033.7	85076.60156	224.83	50.43	48.843260	-86.940317	56112.88	56276.6	-26.55	56086.33	56076.26172	56047.66102	56034.77344	504379.0	5410033.7
L4380.0	504379.0	5410033.7	85076.60156	224.83	50.35	48.843260	-86.940317	56113.54	56276.6	-26.55	56086.99	56076.60547	56048.46806	56035.60938	504379.0	5410033.7
L4380.0	504379.0	5410032.6	85076.79688	225.40	50.35	48.843250	-86.940317	56115.01	56276.6	-26.56	56088.45	56077.75781	56049.21235	56036.38281	504379.0	5410032.6
L4380.0	504379.0	5410031.6	85076.89844	225.30	50.33	48.843242	-86.940317	56117.06	56276.6	-26.56	56090.50	56079.51172	56049.90789	56037.10938	504379.0	5410031.6
L4380.0	504379.0	5410030.6	85077.00000	223.83	50.33	48.843232	-86.940317	56117.70	56276.6	-26.56	56091.14	56079.86719	56050.68803	56037.92578	504379.0	5410030.6
L4380.0	504379.0	5410029.4	85077.10156	223.21	50.33	48.843222	-86.940317	56118.75	56276.6	-26.56	56092.19	56080.64063	56051.43144	56038.70703	504379.0	5410029.4
L4380.0	504379.0	5410029.4	85077.20313	224.49	50.33	48.843222	-86.940317	56118.25	56276.6	-26.57	56091.68	56079.86328	56052.26949	56039.58984	504379.0	5410029.4
L4380.0	504379.0	5410027.2	85077.29688	222.66	50.63	48.843202	-86.940317	56119.68	56276.6	-26.57	56093.11	56081.03516	56052.96886	56040.33203	504379.0	5410027.2
L4380.0	504379.0	5410027.2	85077.39844	223.81	50.63	48.843202	-86.940317	56121.38	56276.6	-26.58	56094.79	56082.46875	56053.64225	56041.05078	504379.0	5410027.2
L4380.0	504379.0	5410026.1	85077.50000	225.20	50.71	48.843191	-86.940318	56121.89	56276.6	-26.58	56095.31	56082.75000	56054.38369	56041.84375	504379.0	5410026.1
L4380.0	504379.0	5410025.0	85077.60156	224.09	51.2	48.843182	-86.940318	56122.88	56276.6	-26.59	56096.29	56083.50391	56055.08523	56042.59766	504379.0	5410025.0
L4380.0	504379.0	5410024.4	85077.70313	223.78	51.2	48.843176	-86.940318	56123.07	56276.6	-26.60	56096.48	56083.47656	56055.83024	56043.39453	504379.0	5410024.4
L4380.0	504379.0	5410022.8	85077.79688	224.23	51.17	48.843162	-86.940318	56124.14	56276.6	-26.60	56097.54	56084.33203	56056.50810	56044.12891	504379.0	5410022.8
L4380.0	504379.0	5410021.9	85077.89844	225.34	51.17	48.843154	-86.940318	56125.22	56276.6	-26.61	56098.62	56085.21484	56057.17551	56044.85547	504379.0	5410021.9
L4380.0	504378.9	5410020.7	85078.00000	224.94	51.34	48.843143	-86.940319	56125.78	56276.6	-26.61	56099.17	56085.57422	56057.86920	56045.61328	504378.9	5410020.7
L4380.0	504378.9	5410020.7	85078.10156	226.73	51.78	48.843143	-86.940319	56126.95	56276.6	-26.61	56100.34	56086.57031	56058.51255	56046.32031	504378.9	5410020.7
L4380.0	504378.9	5410019.6	85078.20313	225.20	51.6	48.843133	-86.940319	56127.70	56276.6	-26.61	56101.09	56087.15234	56059.17495	56047.04688	504378.9	5410019.6
L4380.0	504378.9	5410019.6	85078.29688	224.03	51.6	48.843133	-86.940319	56126.75	56276.6	-26.60	56100.14	56086.04297	56059.94179	56047.88281	504378.9	5410019.6
L4380.0	504378.9	5410017.9	85078.39844	223.93	51.57	48.843118	-86.940319	56128.26	56276.6	-26.60	56101.66	56087.41797	56060.53512	56048.54688	504378.9	5410017.9
L4380.0	504378.9	5410016.6	85078.50000	226.67	47.08	48.843106	-86.940320	56128.39	56276.6	-26.60	56101.79	56087.41016	56061.21234	56049.29688	504378.9	5410016.6
L4380.0	504378.9	5410015.5	85078.60156	226.28	47.08	48.843096	-86.940320	56130.41	56276.6	-26.60	56103.81	56089.30078	56061.75482	56049.91406	504378.9	5410015.5
L4380.0	504378.9	5410015.5	85078.60156	226.28	46.69	48.843096	-86.940320	56130.39	56276.6	-26.60	56103.79	56089.16016	56062.42464	56050.66016	504378.9	5410015.5
L4380.0	504378.9	5410014.2	85078.79688	220.43	47.6	48.843085	-86.940320	56131.35	56276.6	-26.59	56104.75	56090.01563	56063.02050	56051.33203	504378.9	5410014.2
L4380.0	504378.9	5410013.1	85078.89844	222.38	47.6	48.843075	-86.940320	56132.48	56276.6	-26.59	56105.89	56091.05469	56063.59581	56051.98828	504378.9	5410013.1
L4380.0	504378.8	5410011.5	85079.00000	220.50	48.65	48.843060	-86.940320	56132.64	56276.6	-26.59	56106.05	56091.12500	56064.22793	56052.70313	504378.8	5410011.5
L4380.0	504378.8	5410011.5	85079.10156	222.09	48.65	48.843060	-86.940320	56133.38	56276.6	-26.59	56106.79	56091.78516	56064.81293	56053.37109	504378.8	5410011.5
L4380.0	504378.8	5410010.1	85079.20313	221.00	47.22	48.843048	-86.940320	56134.42	56276.6	-26.60	56107.82	56092.74609	56065.37018	56054.01172	504378.8	5410010.1
L4380.0	504378.8	5410009.1	85079.29688	221.80	47.21	48.843039	-86.940320	56135.12	56276.6	-26.60	56108.52	56093.38281	56065.94106	56054.67188	504378.8	5410009.1
L4380.0	504378.8	5410008.1	85079.39844	223.87	47.21	48.843030	-86.940320	56133.75	56276.6	-26.61	56107.14	56091.95313	56066.64228	56055.46094	504378.8	5410008.1
L4380.0	504378.8	5410006.6	85079.50000	224.03	46.35	48.843016	-86.940320	56134.48	56276.6	-26.61	56107.87	56092.64063	56067.19455	56056.10156	504378.8	5410006.6
L4380.0	504378.8	5410006.6	85079.60156	222.38	46.35	48.843016	-86.940320	56136.16	56276.6	-26.61	56109.55	56094.28516	56067.67522	56056.67578	504378.8	5410006.6
L4380.0	504378.8	5410005.3	85079.70313	223.49	51.89	48.843004	-86.940320	56136.63	56276.6	-26.62	56110.02	56094.73438	56068.22833	56057.32031	504378.8	5410005.3
L4380.0	504378.8	5410004.0	85079.79688	223.71	51.89	48.842993	-86.940320	56136.93	56276.6	-26.62	56110.31	56095.00781	56068.78524	56057.97266	504378.8	5410004.0
L4380.0	504378.8	5410002.6	85079.89844	222.78	52.43	48.842980	-86.940320	56137.32	56276.6	-26.63	56110.69	56095.38281	56069.32796	56058.60938	504378.8	5410002.6
L4380.0	504378.8	5410001.2	85080.00000	222.37	51.71	48.842968	-86.940320	56138.52	56276.6	-26.63	56111.89	56096.58594	56069.80784	56059.18750	504378.8	5410001.2
L4380.0	504378.8	5410001.2	85080.10156	221.88	51.71	48.842968	-86.940320	56138.61	56276.6	-26.63	56111.98	56096.68359	56070.35356	56059.83203	504378.8	5410001.2
L4380.0	504378.8	5409999.9	85080.20313	220.57	52.32	48.842956	-86.940320	56139.56	56276.6	-26.63	56112.93	56097.65625	56070.83379	56060.41016	504378.8	5409999.9
L4380.0	504378.9	5409997.5	85080.50000	220.08	53.23	48.842934	-86.940320	56140.61	56276.6	-26.63	56113.98	56098.73438	56071.29919	56060.97656	504378.9	5409997.5
L4380.0	504378.9	5409995.3	85080.60156	221.11	53.23	48.842914	-86.940319	56141.76	56276.6	-26.63	56115.13	56099.91797	56071.74975	56061.52734	504378.9	5409995.3
L4380.0	504378.9	5409995.3	85080.60156	221.11	38.84	48.842914	-86.940319	56141.68	56276.6	-26.63	56115.05	56099.88281	56072.27414	56062.15625	504378.9	5409995.3
L4380.0	504378.9	5409994.0	85080.79688	224.17	38.84	48.842903	-86.940319	56143.54	56276.6	-26.63	56116.91	56101.79688	56072.66100	56062.64453	504378.9	5409994.0
L4380.0	504378.9	5409992.8	85080.89844	222.02	38.58	48.842892	-86.940319	56143.29	56276.6	-26.63	56116.66	56101.60938	56073.18031	56063.26953	504378.9	5409992.8
L4380.0	504379.0	5409991.4	85081.00000	224.92	38.58	48.842879	-86.940318	56144.09	56276.6	-26.63	56117.46	56102.47656	56073.62137	56063.81641	504379.0	5409991.4
L4380.0	504379.0	5409991.4	85081.10156	226.59	39.8	48.842879	-86.940318	56143.92	56276.6	-26.63	56117.29	56102.38281	56074.11881	56064.42188	504379.0	5409991.4
L4380.0	504379.0	5409989.9	85081.20313	226.69	39.8	48.842866	-86.940318	56144.93	56276.6	-26.64	56118.29	56103.46875	56074.52994	56064.93750	504379.0	5409989.9
L4380.0	504379.0	5409988.7	85081.29688	228.95	41.62	48.842855	-86.940318	56145.56	56276.6	-26.64	56118.92	56104.18750	56074.95738	56065.47266	504379.0	5409988.7
L4380.0	504379.0	5409988.7	85081.39844	228.63	43.47	48.842855	-86.940318	56145.59	56276.6	-26.64	56118.94	56104.30859	56075.41707	56066.04297	504379.0	5409988.7
L4380.0	504379.0	5409987.4	85081.50000	228.53	43.21	48.842844	-86.940318	56145.96	56276.6	-26.64	56119.32	56104.79297	56075.84430	56066.57813	504379.0	5409987.4
L4380.0	504379.0	5409986.0	85081.60156	228.28	43.21	48.842830	-86.940318	56147.16	56276.6	-26.65	56120.51	56106.09766	56076.20902	56067.05469	504379.0	5409986.0
L4380.0	504379.0	5409986.0	85081.70313	227.99	44.49	48.842830	-86.940318	56148.24	56276.7	-26.65	56121.59	56107.29688	56076.57249	56067.52734	504379.0	5409986.0
L4380.0	504379.0	5409984.3	85081.79688	226.90	44.49	48.842815	-86.940318	56147.91	56276.7	-26.65	56121.26	56107.09375	56077.02131	56068.08594	504379.0	5409984.3
L4380.0	504379.0	5409983.0	85081.89844	225.13	43.34	48.842804	-86.940318	56148.90	56276.7	-26.66	56122.24	56108.20703	56077.37408	56068.55078	504379.0	5409983.0
L4380.0	504379.0	5409981.9	85082.00000	224.47	44.54	48.842794	-86.940318	56148.72	56276.7	-26.66	56122.06	56108.16797	56077.79539	56069.08594	504379.0	5409981.9
L4380.0	504379.0	5409980.6	85082.10156	225.11	44.54	48.842783	-86.940319	56149.47	56276.7	-26.66	56122.81	56109.06641	56078.14584	56069.54688	504379.0	5409980.6
L4380.0	504379.0	5409980.6	85082.20313	225.15	46.68	48.842783	-86.940319	56150.83	56276.7	-26.66	56124.17	56110.57813	56078.44665	56069.96094	504379.0	5409980.6
L4380.0	504378.9	5409977.7	85082.29688	226.13	46.68	48.842756	-86.940319	56150.95	56276.7	-26.66	56124.29	56110.85547	56078.82110	56070.44922	504378.9	5409977.7
L4380.0	504378.9	5409977.7	85082.39844	221.75	48.82	48.842756	-86.940319	56151.28	56276.7	-26.66	56124.62	56111.35156	56079.17240	56070.91406	504378.9	5409977.7
L4380.0	504378.9	5409976.4	85082.60156	221.58	48.82	48.842744	-86.940319	56151.73	56276.7	-26.65	56125.08	56111.98047	56079.50581	56071.36328	504378.9	5409976.4
L4380.0	504378.9	5409974.9	85082.60156	221.58	47.28	48.842731	-86.940320	56152.96	56276.7	-26.65	56126.31	56113.38672	56079.77855	56071.75000	504378.9	5409974.9
L4380.0	504378.9	5409973.6	85082.79688	222.91	51.42	48.842719	-86.940320	56153.71	56276.7	-26.65	56127.06	56114.31641	56080.07386	56072.16016	504378.9	5409973.6
L4380.0	504378.9	5409972.3	85082.89844	222.32	51.42	48.842708	-86.940320	56153.93	56276.7	-26.65	56127.28	56114.72266	56080.39495	56072.59375	504378.9	5409972.3
L4380.0	504378.8	5409971.2	85083.00000	226.38	42.63	48.842698	-86.940320	56153.86	56276.7	-26.65	56127.21	56114.84766	56080.72572	56073.04297	504378.8	5409971.2
L4380.0	504378.8	5409970.1	85083.10156	226.20	46.3	48.842688	-86.940321	56154.52	56276.7	-26.65	56127.87	56115.70313	56080.99806	56073.42969	504378.8	5409970.1
L4380.0	504378.8	5409969.0	85083.20313	225.51	46.3	48.842678	-86.940321	56155.28	56276.7	-26.65	56128.62	56116.65234	56081.25449	56073.80078	504378.8	5409969.0
L4380.0	504378.8	5409967.7	85083.29688	225.92	47.48	48.842666	-86.940321	56155.42	56276.7	-26.66	56128.76	56117.00000	56081.54158	56074.20313	504378.8	5409967.7
L4380.0	504378.8	5409967.7	85083.39844	226.41	40.59	48.842666	-86.940321	56156.24	56276.7	-26.66	56129.58	56118.03125	56081.77319	56074.55078	504378.8	5409967.7
L4380.0	504378.7	5409966.6	85083.50000	224.00	40.59	48.842656	-86.940322	56155.37	56276.7	-26.66	56128.71	56117.37500	56082.10720	56075.00000	504378.7	5409966.6
L4380.0	504378.7	5409965.5	85083.60156	223.74	39.79	48.842647	-86.940322	56156.96	56276.7	-26.66	56130.30	56119.18359	56082.26679	56075.27344	504378.7	5409965.5
L4380.0	504378.7	5409963.7	85083.70313	223.79	50.34	48.842630	-86.940323	56155.07	56276.7	-26.66	56128.41	56117.51953	56082.64784	56075.76953	504378.7	5409963.7
L4380.0	504378.7	5409963.7	85083.79688	222.54	50.34	48.842630	-86.940323	56157.04	56276.7	-26.67	56130.38	56119.71484	56082.76087	56076.00000	504378.7	5409963.7
L4380.0	504378.7	5409962.4	85083.89844	222.82	50.08	48.842619	-86.940323	56158.26	56276.7	-26.67	56131.59	56121.15625	56082.91372	56076.26563	504378.7	5409962.4
L4380.0	504378.6	5409961.1	85084.00000	222.99	50.08	48.842607	-86.940323	56158.33	56276.7	-26.67	56131.66	56121.45703	56083.13160	56076.60156	504378.6	5409961.1

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4380.0	504378.6	5409959.5	85084.10156	221.45	49.85	48.842593	-86.940324	56159.54	56276.7	-26.67	56132.87	56122.90625	56083.26234	56076.84766	504378.6	5409959.5
L4380.0	504378.6	5409958.5	85084.20313	221.62	49.85	48.842583	-86.940324	56158.71	56276.7	-26.67	56132.04	56122.31641	56083.51779	56077.21484	504378.6	5409958.5
L4380.0	504378.6	5409957.1	85084.29688	222.15	49.39	48.842571	-86.940325	56158.86	56276.7	-26.67	56132.19	56122.71094	56083.69647	56077.50781	504378.6	5409957.1
L4380.0	504378.6	5409957.1	85084.39844	222.40	49.28	48.842571	-86.940325	56158.54	56276.7	-26.67	56131.87	56122.63672	56083.89487	56077.82422	504378.6	5409957.1
L4380.0	504378.5	5409955.4	85084.50000	223.13	49.28	48.842556	-86.940325	56160.62	56276.7	-26.67	56133.95	56124.96875	56083.92151	56077.96484	504378.5	5409955.4
L4380.0	504378.5	5409954.0	85084.60156	223.57	49.23	48.842543	-86.940325	56160.86	56276.7	-26.67	56134.19	56125.46094	56084.05889	56078.21484	504378.5	5409954.0
L4380.0	504378.5	5409952.5	85084.60156	223.57	49.23	48.842529	-86.940326	56161.22	56276.7	-26.67	56134.55	56126.07422	56084.17618	56078.44531	504378.5	5409952.5
L4380.0	504378.5	5409952.5	85084.79688	220.16	49.17	48.842529	-86.940326	56161.75	56276.7	-26.67	56135.08	56126.85938	56084.26988	56078.65234	504378.5	5409952.5
L4380.0	504378.5	5409951.2	85084.89844	220.78	49.17	48.842518	-86.940326	56161.07	56276.7	-26.67	56134.40	56126.44141	56084.43182	56078.92578	504378.5	5409951.2
L4380.0	504378.5	5409950.0	85085.00000	221.98	49.38	48.842507	-86.940326	56161.67	56276.7	-26.67	56135.00	56127.30078	56084.49585	56079.10547	504378.5	5409950.0
L4380.0	504378.4	5409948.5	85085.10156	220.08	49.55	48.842494	-86.940326	56161.98	56276.7	-26.67	56135.31	56127.87500	56084.56646	56079.28516	504378.4	5409948.5
L4380.0	504378.4	5409947.2	85085.20313	222.19	49.55	48.842482	-86.940326	56162.56	56276.7	-26.68	56135.88	56128.71094	56084.60682	56079.43750	504378.4	5409947.2
L4380.0	504378.4	5409945.9	85085.29688	222.49	49.55	48.842470	-86.940327	56162.38	56276.7	-26.68	56135.70	56128.79688	56084.68411	56079.62891	504378.4	5409945.9
L4380.0	504378.4	5409945.9	85085.39844	223.18	49.36	48.842470	-86.940327	56163.04	56276.7	-26.69	56136.35	56129.71484	56084.69283	56079.74609	504378.4	5409945.9
L4380.0	504378.4	5409944.8	85085.50000	223.73	49.37	48.842460	-86.940327	56162.86	56276.7	-26.69	56136.17	56129.80469	56084.74350	56079.91016	504378.4	5409944.8
L4380.0	504378.4	5409943.2	85085.60156	223.86	49.37	48.842446	-86.940327	56162.76	56276.7	-26.69	56136.07	56129.97266	56084.77528	56080.05078	504378.4	5409943.2
L4380.0	504378.4	5409943.2	85085.70313	223.92	41.88	48.842446	-86.940327	56162.96	56276.7	-26.70	56136.26	56130.43359	56084.77404	56080.16016	504378.4	5409943.2
L4380.0	504378.4	5409941.9	85085.79688	222.55	42.76	48.842434	-86.940327	56163.17	56276.7	-26.70	56136.47	56130.91797	56084.75762	56080.25391	504378.4	5409941.9
L4380.0	504378.4	5409940.6	85085.89844	223.71	42.76	48.842423	-86.940327	56163.86	56276.7	-26.71	56137.15	56131.87109	56084.69589	56080.30078	504378.4	5409940.6
L4380.0	504378.4	5409939.3	85086.00000	223.53	42.5	48.842410	-86.940327	56163.65	56276.7	-26.71	56136.94	56131.93359	56084.67937	56080.39063	504378.4	5409939.3
L4380.0	504378.4	5409939.3	85086.10156	220.87	47.48	48.842410	-86.940327	56163.87	56276.7	-26.71	56137.16	56132.42969	56084.61994	56080.44141	504378.4	5409939.3
L4380.0	504378.4	5409937.2	85086.20313	221.86	47.48	48.842392	-86.940327	56163.55	56276.7	-26.71	56136.84	56132.38672	56084.58213	56080.50781	504378.4	5409937.2
L4380.0	504378.4	5409935.7	85086.29688	222.46	47.86	48.842378	-86.940327	56163.24	56276.7	-26.70	56136.54	56132.35938	56084.52850	56080.56250	504378.4	5409935.7
L4380.0	504378.4	5409933.0	85086.50000	220.04	41.31	48.842354	-86.940327	56163.42	56276.7	-26.70	56136.72	56132.81641	56084.42828	56080.56641	504378.4	5409933.0
L4380.0	504378.4	5409933.0	85086.60156	221.12	45.75	48.842354	-86.940327	56163.23	56276.7	-26.70	56136.54	56132.91016	56084.33735	56080.58203	504378.4	5409933.0
L4380.0	504378.4	5409931.6	85086.60156	221.12	45.75	48.842342	-86.940327	56163.83	56276.7	-26.70	56137.13	56133.77734	56084.18030	56080.53125	504378.4	5409931.6
L4380.0	504378.4	5409930.2	85086.79688	222.91	47.31	48.842329	-86.940327	56162.79	56276.7	-26.69	56136.09	56133.01172	56084.11705	56080.57031	504378.4	5409930.2
L4380.0	504378.4	5409930.2	85086.89844	226.33	41.43	48.842329	-86.940327	56162.79	56276.7	-26.69	56136.09	56133.28906	56083.96951	56080.52734	504378.4	5409930.2
L4380.0	504378.4	5409927.5	85087.00000	225.94	41.43	48.842305	-86.940327	56161.40	56276.7	-26.69	56134.71	56132.18359	56083.89897	56080.55859	504378.4	5409927.5
L4380.0	504378.4	5409926.1	85087.10156	226.78	37.09	48.842292	-86.940327	56162.58	56276.7	-26.69	56135.89	56133.64063	56083.64270	56080.40625	504378.4	5409926.1
L4380.0	504378.4	5409926.1	85087.20313	226.80	37.6	48.842292	-86.940327	56163.17	56276.7	-26.70	56136.47	56134.49219	56083.41134	56080.27734	504378.4	5409926.1
L4380.0	504378.4	5409924.8	85087.29688	228.99	37.6	48.842281	-86.940327	56162.08	56276.7	-26.70	56135.38	56133.67578	56083.27618	56080.24219	504378.4	5409924.8
L4380.0	504378.4	5409923.4	85087.39844	228.10	40.23	48.842268	-86.940327	56161.02	56276.7	-26.71	56134.31	56132.87891	56083.12456	56080.19141	504378.4	5409923.4
L4380.0	504378.4	5409923.4	85087.50000	228.13	40.23	48.842268	-86.940327	56160.68	56276.7	-26.71	56133.97	56132.81250	56082.90913	56080.07422	504378.4	5409923.4
L4380.0	504378.4	5409921.9	85087.60156	227.94	42.89	48.842254	-86.940327	56161.40	56276.7	-26.71	56134.68	56133.79297	56082.60859	56079.87500	504378.4	5409921.9
L4380.0	504378.4	5409920.5	85087.70313	227.90	42.89	48.842241	-86.940327	56159.47	56276.7	-26.72	56132.75	56132.13281	56082.46896	56079.83203	504378.4	5409920.5
L4380.0	504378.4	5409919.1	85087.79688	229.94	40.18	48.842229	-86.940327	56160.18	56276.7	-26.72	56133.46	56133.11328	56082.13829	56079.60156	504378.4	5409919.1
L4380.0	504378.4	5409919.1	85087.89844	227.37	40.18	48.842229	-86.940327	56159.57	56276.7	-26.73	56132.85	56132.76953	56081.88064	56079.44141	504378.4	5409919.1
L4380.0	504378.4	5409917.5	85088.00000	226.67	37.52	48.842215	-86.940328	56158.95	56276.7	-26.73	56132.21	56132.39844	56081.61011	56079.26563	504378.4	5409917.5
L4380.0	504378.4	5409916.0	85088.10156	225.89	38.48	48.842201	-86.940328	56158.11	56276.7	-26.73	56131.38	56131.83203	56081.33744	56079.08984	504378.4	5409916.0
L4380.0	504378.4	5409914.6	85088.20313	223.77	38.48	48.842188	-86.940328	56157.72	56276.7	-26.73	56130.98	56131.69531	56081.02144	56078.86719	504378.4	5409914.6
L4380.0	504378.4	5409913.0	85088.29688	222.06	40.93	48.842175	-86.940328	56156.68	56276.7	-26.74	56129.94	56130.91797	56080.73356	56078.67578	504378.4	5409913.0
L4380.0	504378.4	5409913.0	85088.39844	222.04	44.16	48.842175	-86.940328	56156.18	56276.7	-26.74	56129.45	56130.69141	56080.39464	56078.42969	504378.4	5409913.0
L4380.0	504378.4	5409911.4	85088.50000	221.38	44.16	48.842160	-86.940328	56154.34	56276.7	-26.74	56127.60	56129.09766	56080.13218	56078.25781	504378.4	5409911.4
L4380.0	504378.4	5409910.1	85088.60156	221.63	35.03	48.842148	-86.940328	56154.52	56276.7	-26.74	56127.78	56129.53516	56079.72038	56077.93750	504378.4	5409910.1
L4380.0	504378.4	5409908.9	85088.60156	221.63	35.03	48.842138	-86.940328	56152.41	56276.7	-26.74	56125.67	56127.68359	56079.44745	56077.75781	504378.4	5409908.9
L4380.0	504378.4	5409907.6	85088.79688	224.38	37.41	48.842125	-86.940328	56152.06	56276.7	-26.75	56125.32	56127.58594	56079.04365	56077.44531	504378.4	5409907.6
L4380.0	504378.4	5409907.6	85088.89844	225.13	37.41	48.842125	-86.940328	56151.66	56276.7	-26.75	56124.91	56127.42969	56078.63055	56077.12109	504378.4	5409907.6
L4380.0	504378.3	5409905.8	85089.00000	226.56	43.1	48.842109	-86.940328	56148.68	56276.8	-26.75	56121.93	56124.69922	56078.37578	56076.95703	504378.3	5409905.8
L4380.0	504378.3	5409904.4	85089.10156	225.57	41.37	48.842097	-86.940328	56148.65	56276.8	-26.76	56121.89	56124.90625	56077.91231	56076.58203	504378.3	5409904.4
L4380.0	504378.3	5409903.0	85089.20313	224.00	41.37	48.842084	-86.940328	56148.12	56276.8	-26.76	56121.35	56124.61328	56077.46979	56076.22656	504378.3	5409903.0
L4380.0	504378.3	5409903.0	85089.29688	223.88	34.86	48.842084	-86.940328	56147.08	56276.8	-26.77	56120.31	56123.81641	56077.04857	56075.89063	504378.3	5409903.0
L4380.0	504378.3	5409901.6	85089.39844	226.62	34.86	48.842072	-86.940328	56145.62	56276.8	-26.77	56118.84	56122.58594	56076.64435	56075.57422	504378.3	5409901.6
L4380.0	504378.3	5409900.3	85089.50000	225.90	38.87	48.842060	-86.940328	56143.79	56276.8	-26.78	56117.01	56120.99609	56076.25286	56075.26563	504378.3	5409900.3
L4380.0	504378.3	5409898.9	85089.60156	226.82	40.07	48.842047	-86.940329	56142.50	56276.8	-26.79	56115.71	56119.93359	56075.81517	56074.91406	504378.3	5409898.9
L4380.0	504378.3	5409898.9	85089.70313	226.46	40.07	48.842047	-86.940329	56141.38	56276.8	-26.79	56114.59	56119.04688	56075.35505	56074.53516	504378.3	5409898.9
L4380.0	504378.3	5409897.5	85089.79688	223.55	39.17	48.842035	-86.940329	56139.42	56276.8	-26.80	56112.62	56117.30859	56074.94161	56074.20703	504378.3	5409897.5
L4380.0	504378.3	5409895.9	85089.89844	223.63	39.17	48.842021	-86.940329	56138.02	56276.8	-26.80	56111.22	56116.14063	56074.48066	56073.82813	504378.3	5409895.9
L4380.0	504378.3	5409894.3	85090.00000	224.19	36.46	48.842006	-86.940329	56136.16	56276.8	-26.81	56109.35	56114.49609	56074.04202	56073.46875	504378.3	5409894.3
L4380.0	504378.3	5409894.3	85090.10156	223.43	36.46	48.842006	-86.940329	56134.81	56276.8	-26.81	56108.00	56113.37109	56073.56020	56073.07031	504378.3	5409894.3
L4380.0	504378.3	5409892.9	85090.20313	221.38	44.31	48.841994	-86.940329	56133.20	56276.8	-26.81	56106.39	56111.98438	56073.08773	56072.67578	504378.3	5409892.9
L4380.0	504378.3	5409891.3	85090.29688	222.42	44.31	48.841979	-86.940329	56130.64	56276.8	-26.81	56103.83	56109.64063	56072.67115	56072.33984	504378.3	5409891.3
L4380.0	504378.3	5409890.2	85090.39844	221.25	45.53	48.841969	-86.940329	56129.35	56276.8	-26.81	56102.55	56108.57813	56072.16236	56071.90625	504378.3	5409890.2
L4380.0	504378.3	5409890.2	85090.50000	221.88	43.46	48.841969	-86.940329	56126.49	56276.8	-26.81	56099.69	56105.93359	56071.75259	56071.57422	504378.3	5409890.2
L4380.0	504378.3	5409888.5	85090.60156	222.62	43.46	48.841954	-86.940329	56126.08	56276.8	-26.80	56099.27	56105.72266	56071.17444	56071.07422	504378.3	5409888.5
L4380.0	504378.3	5409887.2	85090.60156	222.62	44.74	48.841942	-86.940329	56124.34	56276.8	-26.80	56097.54	56104.20313	56070.67852	56070.65234	504378.3	5409887.2
L4380.0	504378.3	5409885.9	85090.79688	222.06	44.74	48.841930	-86.940329	56123.00	56276.8	-26.80	56096.19	56103.05859	56070.15276	56070.20313	504378.3	5409885.9
L4380.0	504378.3	5409884.3	85090.89844	223.74	42	48.841916	-86.940329	56120.55	56276.8	-26.80	56093.75	56100.82031	56069.69580	56069.82031	504378.3	5409884.3
L4380.0	504378.3	5409884.3	85091.00000	223.52	41.64	48.841916	-86.940329	56119.00	56276.8	-26.80	56092.20	56099.46875	56069.17627	56069.37500	504378.3	5409884.3
L4380.0	504378.3	5409883.0	85091.10156	223.58	41.64	48.841904	-86.940329	56116.93	56276.8	-26.81	56090.12	56097.58594	56068.68950	56068.96094	504378.3	5409883.0
L4380.0	504378.3	5409881.3	85091.20313	222.44	43.21	48.841889	-86.940329	56114.55	56276.8	-26.81	56087.74	56095.39844	56068.22079	56068.56250	504378.3	5409881.3
L4380.0	504378.3	5409881.3	85091.29688	223.23	47.36	48.841889	-86.940329	56112.53	56276.8	-26.82	56085.71	56093.55859	56067.72747	56068.14063	504378.3	5409881.3
L4380.0	504378.3	5409879.7	85091.39844	223.06	47.36	48.841875	-86.940329	56111.04	56276.8	-26.82	56084.21	56092.24609	56067.19823	56067.67969	504378.3	5409879.7
L4380.0	504378.3	5409878.3	85091.50000	222.16	47.85	48.841862	-86.940329	56108.66	56276.8	-26.83	56081.83	56090.05078	56066.72771	56067.28125	504378.3	5409878.3
L4380.0	504378.3	5409877.0	85091.60156	223.39	48.3	48.841850	-86.940328	56107.21	56276.8	-26.84	56080.38	56088.78125	56066.19593	56066.81641	504378.3	5409877.0
L4380.0	504378.3	5409877.0	85091.70313	223.96	48.3	48.841850	-86.940328	56105.38	56276.8	-26.84	56078.53	56087.10938	56065.69223	56066.37891	504378.3	5409877.0
L4380.0	504378.3	5409874.9	85091.79688	221.51	46.19	48.841831	-86.940328	56103.90	56276.8	-26.85	56077.05	56085.80469	56065.16596	56065.92188	504378.3	5409874.9
L4380.0	504378.4	5409873.5	85091.89844	221.13	46.19	48.841819	-86.940328	56101.88	56276.9	-26.85	56075.03	56083.95703	56064.67844	56065.50000	504378.4	5409873.5
L4380.0	504378.4	5409872.1	85092.00000	222.07	48.33	48.841806	-86.940328	56098.91	56276.9	-26.86	56072.05	56081.14844	56064.25835	56065.14453	504378.4	5409872.1
L4380.0	504378.4	5409870.7	85092.10156	222.40	48.33	48.841794	-86.940328	56097.18	56276.9	-26.86	56070.31	56079.57422	56063.75970	56064.71094	504378.4	5409870.7
L4380.0	504378.4	5409870.7	85092.20313	222.92	48.55	48.841794	-86.940328	56095.18	56276.9	-26.87	56068.31	56077.73438	56063.28313	56064.29688	504378.4	5409870.7
L4380.0	504378.4	5409869.4	85092.29688	222.84	48.55	48.841782	-86.940328	56093.07	56276.9	-26.87	56066.21	56075.79297	56062.81864	56063.89453	504378.4	5409869.4
L4380.0	504378.4	5409867.7	85092.39844	220.95	49.65	48.841767	-86.940327	56092.20	56276.9	-26.87	56065.32	56075.05859	56062.27953	56063.41797	504378.4	5409867.7
L4380.0	504378.4	5409867.7	85092.50000	224.18	50.21	48.841767	-86.940327	56090.32	56276.9	-26.88	56063.44	56073.33203	56061.81312	56063.01172	504378.4	5409867.7
L4380.0	504378.4	5409866.3	85092.60156	224.82	50.21	48.841754	-86.940327	56088.68	56276.9	-26.88	56061.80	56071.83984	56061.33803	56062.59766	504378.4	5409866.3
L4380.0	504378.5	5409864.9	85092.60156	224.82	50.38	48.841741	-86.940327	56086.02	56276.9	-26.88	56059.14	56069.32813	56060.93887	56062.25781	504378.5	5409864.9
L4380.0	504378.5	5409863.5	85092.79688	224.68	50.14	48.841729	-86.940326	56085.03	56276.9	-26.88	56058.15	56068.48047	56060.43690	56061.81250	504378.5	5409863.5
L4380.0	504378.5	5409861.9	85092.89844	227.54	50.14	48.841715	-86.940326	56081.80	56276.9	-26.89	56054.91	56065.37891	56060.09405	56061.52734	504378.5	5409861.9
L4380.0	504378.5	5409861.9	85093.00000	227.72	47.39	48.841715	-86.940326	56080.50	56276.9	-26.89	56053.61	56064.21484	56059.63157	56061.12109	504378.5	5409861.9
L4380.0	504378.5	5409860.5	85093.10156	226.67	50.54	48.841702	-86.940326	56079.02	56276.9	-26.89	56052.13	56062.86719	56059.19133	56060.73828	504378.5	5409860.5
L4380.0	504378.6	5409859.1	85093.20313	225.59	50.54	48.841690	-86.940325	56077.85	56276.9	-26.89	56050.96	56061.82813	56058.74122	56060.34375	504378.6	5409859.1
L4380.0	504378.6	5409857.5	85093.29688	224.80	51.27	48.841675	-86.940325	56076.38	56276.9	-26.89	56049.49	56060.48438	56058.32243	56059.97656	504378.6	5409857.5
L4380.0	504378.6	5409856.3	85093.39844	225.12	51.27	48.841665	-86.940325	56075.50	56276.9	-26.89	56048.61	56059.72656	56057.87613	56059.58594	504378.6	5409856.3

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4380.0	504378.7	5409855.2	85093.50000	224.31	51.38	48.841654	-86.940324	56074.93	56276.9	-26.89	56048.04	56059.27344	56057.42149	56059.18359	504378.7	5409855.2
L4380.0	504378.7	5409855.2	85093.60156	225.08	51.38	48.841654	-86.940324	56072.21	56276.9	-26.89	56045.32	56056.67188	56057.12298	56058.93359	504378.7	5409855.2
L4380.0	504378.7	5409853.6	85093.70313	223.17	51.49	48.841640	-86.940324	56072.41	56276.9	-26.89	56045.52	56056.98438	56056.64306	56058.50391	504378.7	5409853.6
L4380.0	504378.7	5409851.9	85093.79688	223.12	51.26	48.841624	-86.940323	56070.89	56276.9	-26.89	56044.00	56055.57031	56056.29150	56058.20313	504378.7	5409851.9
L4380.0	504378.7	5409850.5	85093.89844	224.74	46.35	48.841612	-86.940323	56070.96	56276.9	-26.89	56044.07	56055.74609	56055.84807	56057.80859	504378.7	5409850.5
L4380.0	504378.7	5409850.5	85094.00000	225.00	46.35	48.841612	-86.940323	56068.82	56276.9	-26.89	56041.93	56053.71094	56055.56650	56057.57422	504378.7	5409850.5
L4380.0	504378.8	5409849.4	85094.10156	225.27	51.32	48.841602	-86.940323	56067.50	56276.9	-26.89	56040.61	56052.48828	56055.24519	56057.30078	504378.8	5409849.4
L4380.0	504378.8	5409847.7	85094.20313	227.47	51.32	48.841587	-86.940323	56065.50	56276.9	-26.90	56038.60	56050.57422	56054.98516	56057.08984	504378.8	5409847.7
L4380.0	504378.8	5409846.3	85094.29688	227.41	52.55	48.841574	-86.940323	56064.80	56276.9	-26.90	56037.90	56049.96484	56054.65346	56056.80078	504378.8	5409846.3
L4380.0	504378.8	5409845.1	85094.39844	227.44	52.55	48.841564	-86.940323	56064.67	56276.9	-26.91	56037.76	56049.91406	56054.30041	56056.49219	504378.8	5409845.1
L4380.0	504378.7	5409843.9	85094.50000	227.68	53.37	48.841553	-86.940323	56063.79	56276.9	-26.92	56036.87	56049.10938	56054.01367	56056.25000	504378.7	5409843.9
L4380.0	504378.7	5409843.0	85094.60156	224.92	49.23	48.841545	-86.940323	56062.88	56276.9	-26.92	56035.96	56048.28125	56053.74490	56056.02344	504378.7	5409843.0
L4380.0	504378.7	5409841.6	85094.60156	224.92	53.55	48.841532	-86.940323	56061.76	56276.9	-26.92	56034.84	56047.23828	56053.50703	56055.82813	504378.7	5409841.6
L4380.0	504378.7	5409841.6	85094.79688	226.15	53.55	48.841532	-86.940323	56061.06	56276.9	-26.93	56034.13	56046.60547	56053.25902	56055.62109	504378.7	5409841.6
L4380.0	504378.7	5409840.2	85094.89844	227.33	53.55	48.841519	-86.940324	56060.34	56276.9	-26.94	56033.41	56045.95703	56053.02913	56055.43359	504378.7	5409840.2
L4380.0	504378.7	5409838.5	85095.00000	226.54	46.14	48.841504	-86.940324	56059.66	56276.9	-26.94	56032.72	56045.33594	56052.81493	56055.25781	504378.7	5409838.5
L4380.0	504378.7	5409837.3	85095.10156	224.66	44.7	48.841493	-86.940324	56058.02	56276.9	-26.94	56031.08	56043.76172	56052.68197	56055.16406	504378.7	5409837.3
L4380.0	504378.6	5409835.6	85095.20313	226.13	44.7	48.841478	-86.940325	56058.02	56276.9	-26.95	56031.07	56043.81250	56052.45848	56054.98047	504378.6	5409835.6
L4380.0	504378.6	5409834.2	85095.29688	224.84	44.7	48.841465	-86.940325	56058.25	56277	-26.95	56031.29	56044.08984	56052.23798	56054.79688	504378.6	5409834.2
L4380.0	504378.6	5409834.2	85095.39844	223.77	47.02	48.841465	-86.940325	56056.78	56277	-26.96	56029.82	56042.67578	56052.14865	56054.74219	504378.6	5409834.2
L4380.0	504378.6	5409832.6	85095.50000	222.96	50.91	48.841451	-86.940326	56056.78	56277	-26.96	56029.82	56042.72656	56051.97999	56054.60938	504378.6	5409832.6
L4380.0	504378.6	5409830.9	85095.60156	222.67	50.91	48.841436	-86.940326	56056.22	56277	-26.96	56029.25	56042.20703	56051.86814	56054.53125	504378.6	5409830.9
L4380.0	504378.6	5409830.9	85095.70313	221.78	47.58	48.841436	-86.940326	56056.13	56277	-26.97	56029.16	56042.16016	56051.74322	56054.44141	504378.6	5409830.9
L4380.0	504378.5	5409829.5	85095.79688	224.46	46.66	48.841423	-86.940326	56056.02	56277	-26.97	56029.05	56042.09375	56051.63869	56054.36719	504378.5	5409829.5
L4380.0	504378.5	5409827.8	85095.89844	226.38	46.66	48.841408	-86.940327	56054.66	56277	-26.98	56027.68	56040.76172	56051.63731	56054.39844	504378.5	5409827.8
L4380.0	504378.5	5409826.4	85096.00000	225.26	43.93	48.841395	-86.940327	56054.66	56277	-26.98	56027.68	56040.80078	56051.56382	56054.35938	504378.5	5409826.4
L4380.0	504378.5	5409826.4	85096.10156	228.24	45.52	48.841395	-86.940327	56054.53	56277	-26.99	56027.54	56040.69141	56051.51896	56054.34375	504378.5	5409826.4
L4380.0	504378.5	5409824.6	85096.20313	229.33	45.52	48.841379	-86.940327	56054.78	56277	-26.99	56027.79	56040.97266	56051.46742	56054.32031	504378.5	5409824.6
L4380.0	504378.5	5409823.0	85096.29688	230.55	45.56	48.841365	-86.940327	56054.90	56277	-27.00	56027.90	56041.10938	56051.44456	56054.32813	504378.5	5409823.0
L4380.0	504378.5	5409821.3	85096.39844	230.48	43.67	48.841350	-86.940327	56054.05	56277	-27.00	56027.05	56040.28125	56051.50507	56054.41797	504378.5	5409821.3
L4380.0	504378.5	5409821.3	85096.50000	228.91	43.67	48.841350	-86.940327	56054.63	56277	-27.00	56027.62	56040.87109	56051.49026	56054.42969	504378.5	5409821.3
L4380.0	504378.5	5409819.6	85096.60156	227.78	42.05	48.841334	-86.940327	56054.42	56277	-27.01	56027.41	56040.67969	56051.54676	56054.51172	504378.5	5409819.6
L4380.0	504378.5	5409818.0	85096.60156	227.78	42.05	48.841319	-86.940327	56054.75	56277	-27.01	56027.74	56041.02344	56051.58652	56054.57813	504378.5	5409818.0
L4380.0	504378.5	5409816.5	85096.79688	230.69	43.48	48.841307	-86.940327	56054.58	56277	-27.02	56027.56	56040.85547	56051.67949	56054.69531	504378.5	5409816.5
L4380.0	504378.5	5409816.5	85096.89844	231.56	43.48	48.841307	-86.940327	56054.98	56277	-27.03	56027.96	56041.26563	56051.75288	56054.79297	504378.5	5409816.5
L4380.0	504378.5	5409814.9	85097.00000	230.61	46.23	48.841292	-86.940327	56054.88	56277	-27.03	56027.85	56041.16016	56051.87927	56054.94531	504378.5	5409814.9
L4380.0	504378.5	5409813.5	85097.10156	230.06	45.13	48.841279	-86.940326	56055.96	56277	-27.03	56028.93	56042.24219	56051.94519	56055.03125	504378.5	5409813.5
L4380.0	504378.5	5409812.1	85097.20313	229.52	45.13	48.841267	-86.940326	56055.26	56277	-27.03	56028.23	56041.54297	56052.14849	56055.25781	504378.5	5409812.1
L4380.0	504378.5	5409812.1	85097.29688	225.58	45.15	48.841267	-86.940326	56055.56	56277	-27.03	56028.53	56041.83984	56052.30365	56055.43359	504378.5	5409812.1
L4380.0	504378.6	5409810.7	85097.39844	225.56	45.15	48.841254	-86.940326	56056.50	56277	-27.03	56029.47	56042.77734	56052.43450	56055.58594	504378.6	5409810.7
L4380.0	504378.6	5409808.8	85097.50000	223.76	45.83	48.841237	-86.940326	56057.64	56277	-27.04	56030.60	56043.89844	56052.57081	56055.74219	504378.6	5409808.8
L4380.0	504378.6	5409807.4	85097.60156	222.81	45.83	48.841224	-86.940326	56056.73	56277	-27.04	56029.69	56042.97656	56052.86102	56056.05469	504378.6	5409807.4
L4380.0	504378.6	5409807.4	85097.70313	222.73	46.53	48.841224	-86.940326	56057.99	56277	-27.04	56030.96	56044.23438	56053.02354	56056.23438	504378.6	5409807.4
L4380.0	504378.6	5409805.8	85097.79688	222.15	46.7	48.841210	-86.940325	56059.11	56277	-27.04	56032.07	56045.32813	56053.21410	56056.44141	504378.6	5409805.8
L4380.0	504378.6	5409804.1	85097.89844	221.61	46.7	48.841195	-86.940325	56059.84	56277	-27.04	56032.80	56046.03906	56053.44706	56056.69141	504378.6	5409804.1
L4380.0	504378.6	5409804.1	85098.00000	221.26	46.98	48.841195	-86.940325	56060.59	56277	-27.04	56033.55	56046.76953	56053.69546	56056.95703	504378.6	5409804.1
L4380.0	504378.7	5409802.5	85098.10156	221.23	46.34	48.841180	-86.940325	56061.64	56277	-27.04	56034.60	56047.79688	56053.94029	56057.21875	504378.7	5409802.5
L4380.0	504378.7	5409799.3	85098.29688	222.33	48.04	48.841152	-86.940324	56062.95	56277	-27.05	56035.90	56049.07031	56054.18453	56057.48047	504378.7	5409799.3
L4380.0	504378.7	5409799.3	85098.39844	223.24	49	48.841152	-86.940324	56065.38	56277.1	-27.05	56038.33	56051.47266	56054.36915	56057.67969	504378.7	5409799.3
L4380.0	504378.7	5409797.9	85098.50000	222.81	49	48.841139	-86.940324	56065.00	56277.1	-27.06	56037.94	56051.05469	56054.75711	56058.08203	504378.7	5409797.9
L4380.0	504378.7	5409796.2	85098.60156	222.28	49.19	48.841123	-86.940324	56066.19	56277.1	-27.06	56039.13	56052.21094	56055.05467	56058.39453	504378.7	5409796.2
L4380.0	504378.7	5409796.2	85098.60156	222.28	48.56	48.841123	-86.940324	56067.12	56277.1	-27.06	56040.06	56053.10938	56055.38407	56058.73438	504378.7	5409796.2
L4380.0	504378.7	5409794.5	85098.79688	223.22	48.56	48.841108	-86.940324	56068.97	56277.1	-27.06	56041.90	56054.91016	56055.66691	56059.03125	504378.7	5409794.5
L4380.0	504378.7	5409793.1	85098.89844	222.82	40.59	48.841096	-86.940324	56070.29	56277.1	-27.07	56043.22	56056.19141	56055.99805	56059.37500	504378.7	5409793.1
L4380.0	504378.7	5409791.7	85099.00000	225.41	40.59	48.841083	-86.940324	56071.30	56277.1	-27.07	56044.23	56057.16016	56056.36306	56059.75000	504378.7	5409791.7
L4380.0	504378.7	5409790.5	85099.10156	225.33	41.23	48.841073	-86.940325	56072.96	56277.1	-27.07	56045.89	56058.78125	56056.69747	56060.09766	504378.7	5409790.5
L4380.0	504378.7	5409790.5	85099.20313	225.78	51.23	48.841073	-86.940325	56073.49	56277.1	-27.07	56046.42	56059.26563	56057.11947	56060.53125	504378.7	5409790.5
L4380.0	504378.7	5409788.6	85099.29688	226.20	51.23	48.841055	-86.940325	56075.45	56277.1	-27.07	56048.37	56061.17188	56057.45857	56060.87891	504378.7	5409788.6
L4380.0	504378.7	5409787.1	85099.39844	225.95	48.87	48.841042	-86.940325	56076.21	56277.1	-27.07	56049.13	56061.88281	56057.88829	56061.32031	504378.7	5409787.1
L4380.0	504378.7	5409787.1	85099.50000	223.13	49.22	48.841042	-86.940325	56077.41	56277.1	-27.08	56050.34	56063.04297	56058.29880	56061.73828	504378.7	5409787.1
L4380.0	504378.6	5409785.8	85099.60156	224.60	49.22	48.841030	-86.940325	56078.23	56277.1	-27.08	56051.15	56063.80078	56058.74625	56062.19531	504378.6	5409785.8
L4380.0	504378.6	5409784.1	85099.70313	225.43	50.59	48.841015	-86.940325	56080.53	56277.1	-27.08	56053.45	56066.05078	56059.10413	56062.56250	504378.6	5409784.1
L4380.0	504378.6	5409782.7	85099.79688	224.27	51.92	48.841002	-86.940326	56082.68	56277.1	-27.08	56055.60	56068.14453	56059.48127	56062.94531	504378.6	5409782.7
L4380.0	504378.6	5409781.2	85099.89844	225.51	51.92	48.840989	-86.940326	56083.95	56277.1	-27.08	56056.87	56069.35938	56059.92581	56063.39844	504378.6	5409781.2
L4380.0	504378.6	5409781.2	85100.00000	227.58	51.19	48.840989	-86.940326	56085.84	56277.1	-27.08	56058.76	56071.19141	56060.33723	56063.81641	504378.6	5409781.2
L4380.0	504378.6	5409779.7	85100.10156	225.42	50.57	48.840975	-86.940326	56086.78	56277.1	-27.08	56059.69	56072.06250	56060.82036	56064.30859	504378.6	5409779.7
L4380.0	504378.6	5409778.1	85100.20313	223.56	50.57	48.840961	-86.940326	56087.86	56277.1	-27.09	56060.78	56073.09375	56061.29999	56064.79297	504378.6	5409778.1
L4380.0	504378.6	5409776.7	85100.29688	222.93	47.47	48.840948	-86.940326	56088.68	56277.1	-27.09	56061.59	56073.84375	56061.80495	56065.30469	504378.6	5409776.7
L4380.0	504378.6	5409775.4	85100.39844	222.84	47.47	48.840937	-86.940326	56091.43	56277.1	-27.09	56064.34	56076.53125	56062.18672	56065.69531	504378.6	5409775.4
L4380.0	504378.6	5409775.4	85100.50000	222.86	49.02	48.840937	-86.940326	56092.72	56277.1	-27.10	56065.63	56077.76172	56062.67145	56066.18359	504378.6	5409775.4
L4380.0	504378.5	5409774.0	85100.60156	224.95	52.57	48.840923	-86.940327	56094.32	56277.1	-27.10	56067.22	56079.28516	56063.14129	56066.66016	504378.5	5409774.0
L4380.0	504378.5	5409772.6	85100.60156	224.95	52.57	48.840911	-86.940327	56096.46	56277.1	-27.10	56069.36	56081.36328	56063.57908	56067.10547	504378.5	5409772.6
L4380.0	504378.5	5409771.2	85100.79688	223.22	50.44	48.840898	-86.940327	56096.69	56277.1	-27.10	56069.59	56081.52734	56064.14831	56067.67969	504378.5	5409771.2
L4380.0	504378.5	5409769.9	85100.89844	222.45	48.49	48.840887	-86.940327	56098.72	56277.1	-27.11	56071.61	56083.48047	56064.60181	56068.13672	504378.5	5409769.9
L4380.0	504378.5	5409768.2	85101.00000	222.32	48.92	48.840872	-86.940327	56101.19	56277.1	-27.11	56074.08	56085.88281	56065.02844	56068.57031	504378.5	5409768.2
L4380.0	504378.5	5409766.6	85101.10156	222.07	48.92	48.840857	-86.940328	56101.07	56277.1	-27.11	56073.96	56085.69531	56065.63038	56069.17578	504378.5	5409766.6
L4380.0	504378.5	5409766.6	85101.20313	222.10	49.81	48.840857	-86.940328	56103.50	56277.1	-27.11	56076.38	56088.04688	56066.06516	56069.61328	504378.5	5409766.6
L4380.0	504378.5	5409765.4	85101.29688	222.47	48.75	48.840847	-86.940328	56105.52	56277.1	-27.12	56078.40	56090.00000	56066.52830	56070.08203	504378.5	5409765.4
L4380.0	504378.4	5409763.8	85101.39844	221.74	48.75	48.840832	-86.940328	56107.01	56277.1	-27.12	56079.89	56091.42188	56067.02804	56070.58594	504378.4	5409763.8
L4380.0	504378.4	5409762.3	85101.50000	223.19	50.29	48.840819	-86.940328	56107.20	56277.1	-27.12	56080.08	56091.54297	56067.61524	56071.17969	504378.4	5409762.3
L4380.0	504378.4	5409762.3	85101.60156	222.43	50.29	48.840819	-86.940328	56109.76	56277.1	-27.12	56082.64	56094.03125	56068.04481	56071.61328	504378.4	5409762.3
L4380.0	504378.4	5409760.9	85101.70313	221.62	53.37	48.840806	-86.940328	56110.25	56277.1	-27.12	56083.13	56094.45313	56068.61232	56072.18359	504378.4	5409760.9
L4380.0	504378.4	5409759.2	85101.79688	224.07	53.37	48.840791	-86.940329	56111.32	56277.1	-27.13	56084.19	56095.44531	56069.14135	56072.71875	504378.4	5409759.2
L4380.0	504378.4	5409759.2	85101.89844	225.46	52.84	48.840791	-86.940329	56113.18	56277.1	-27.13	56086.05	56097.23438	56069.61616	56073.19922	504378.4	5409759.2
L4380.0	504378.4	5409757.6	85102.00000	221.94	52.84	48.840776	-86.940329	56114.25	56277.1	-27.13	56087.12	56098.23438	56070.14236	56073.72656	504378.4	5409757.6
L4380.0	504378.4	5409756.2	85102.10156	223.74	54.58	48.840763	-86.940329	56115.29	56277.1	-27.13	56088.16	56099.20703	56070.66889	56074.25781	504378.4	5409756.2
L4380.0	504378.4	5409754.5	85102.20313	224.12	55.05	48.840749	-86.940329	56116.55	56277.1	-27.13	56089.42	56100.39844	56071.17872	56074.77344	504378.4	5409754.5
L4380.0	504378.4	5409753.4	85102.29688	224.28	55.05	48.840738	-86.940329	56117.62	56277.1	-27.12	56090.49	56101.39844	56071.69880	56075.29688	504378.4	5409753.4
L4380.0	504378.4	5409751.9	85102.39844	226.09	53.35	48.840725	-86.940328	56118.66	56277.1	-27.12	56091.53	56102.37109	56072.21811	56075.82422	504378.4	5409751.9
L4380.0	504378.4	5409751.9	85102.50000	225.18	53.37	48.840725	-86.940328	56119.33	56277.1	-27.12	56092.21	56102.98047	56072.75831	56076.36719	504378.4	5409751.9
L4380.0	504378.4	5409750.3	85102.60156	226.30	53.37	48.840711	-86.940328	56122.44	56277.1	-27.12	56095.32	56106.02344	56073.13306	56076.74609	504378.4	5409750.3
L4380.0	504378.4	5409748.9	85102.60156	226.30	50.74	48.840698	-86.940328	56121.88	56277.1	-27.12	56094.76	56105.39844	56073.74870	56077.36719	504378.4	5409748.9
L4380.0	504378.4	5409747.6	85102.79688	222.53	51.68	48.840686	-86.940328	56122.95	56277.1	-27.11	56095.83	56106.40234	56074.25158	56077.87891	504378.4	5409747.6

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4380.0	504378.5	5409746.2	85102.89844	221.59	51.68	48.840673	-86.940328	56123.98	56277.1	-27.11	56096.87	56107.37500	56074.75206	56078.38281	504378.5	5409746.2
L4380.0	504378.5	5409746.2	85103.00000	222.62	52.49	48.840673	-86.940328	56127.93	56277.1	-27.11	56100.82	56111.26172	56075.05385	56078.69141	504378.5	5409746.2
L4380.0	504378.5	5409744.5	85103.10156	225.78	52.49	48.840659	-86.940328	56128.92	56277.1	-27.11	56101.81	56112.18750	56075.54799	56079.19141	504378.5	5409744.5
L4380.0	504378.5	5409743.1	85103.20313	227.24	53.06	48.840646	-86.940328	56128.72	56277.1	-27.10	56101.61	56111.92188	56076.11621	56079.76563	504378.5	5409743.1
L4380.0	504378.5	5409741.8	85103.29688	226.36	53.06	48.840634	-86.940328	56129.84	56277.1	-27.10	56102.74	56112.99219	56076.59023	56080.24609	504378.5	5409741.8
L4380.0	504378.5	5409741.8	85103.39844	228.15	53.87	48.840634	-86.940328	56131.42	56277.1	-27.10	56104.32	56114.51172	56077.02848	56080.69141	504378.5	5409741.8
L4380.0	504378.4	5409740.4	85103.50000	225.63	54.66	48.840621	-86.940328	56131.32	56277.1	-27.10	56104.22	56114.35156	56077.57270	56081.24609	504378.4	5409740.4
L4380.0	504378.4	5409738.7	85103.60156	222.72	54.66	48.840606	-86.940328	56133.82	56277.1	-27.09	56106.73	56116.80078	56077.93665	56081.61719	504378.4	5409738.7
L4380.0	504378.4	5409737.3	85103.70313	222.59	52.15	48.840594	-86.940329	56134.56	56277.1	-27.09	56107.47	56117.48438	56078.41211	56082.10156	504378.4	5409737.3
L4380.0	504378.4	5409737.3	85103.79688	222.55	53.47	48.840594	-86.940329	56136.10	56277.1	-27.09	56109.01	56118.96875	56078.82754	56082.52344	504378.4	5409737.3
L4380.0	504378.4	5409735.7	85103.89844	221.87	53.47	48.840579	-86.940329	56134.71	56277.1	-27.08	56107.63	56117.53516	56079.43072	56083.13672	504378.4	5409735.7
L4380.0	504378.4	5409734.5	85104.00000	223.13	53.71	48.840568	-86.940329	56136.30	56277.1	-27.08	56109.22	56119.07031	56079.82880	56083.54297	504378.4	5409734.5
L4380.0	504378.4	5409733.0	85104.10156	223.91	53.71	48.840555	-86.940329	56137.37	56277.1	-27.08	56110.29	56120.08984	56080.25425	56083.98047	504378.4	5409733.0
L4380.0	504378.4	5409730.9	85104.20313	224.20	48.51	48.840536	-86.940329	56139.52	56277.1	-27.08	56112.44	56122.18750	56080.60023	56084.33594	504378.4	5409730.9
L4380.0	504378.4	5409730.9	85104.29688	225.72	48.51	48.840536	-86.940329	56139.39	56277.1	-27.08	56112.31	56122.01172	56081.09057	56084.83594	504378.4	5409730.9
L4380.0	504378.4	5409729.4	85104.39844	225.61	50.54	48.840523	-86.940329	56140.50	56277.1	-27.08	56113.42	56123.07422	56081.49046	56085.25000	504378.4	5409729.4
L4380.0	504378.4	5409728.0	85104.50000	225.44	51.39	48.840510	-86.940329	56141.61	56277.1	-27.08	56114.53	56124.14063	56081.88240	56085.65234	504378.4	5409728.0
L4380.0	504378.4	5409728.0	85104.60156	226.53	51.39	48.840510	-86.940329	56141.96	56277.1	-27.08	56114.88	56124.44531	56082.31693	56086.09766	504378.4	5409728.0
L4380.0	504378.4	5409726.4	85104.60156	226.53	50.08	48.840495	-86.940329	56142.91	56277.1	-27.08	56115.83	56125.35547	56082.70325	56086.50000	504378.4	5409726.4
L4380.0	504378.4	5409724.5	85104.79688	225.82	51.06	48.840478	-86.940329	56143.74	56277.1	-27.08	56116.66	56126.14844	56083.08923	56086.89844	504378.4	5409724.5
L4380.0	504378.4	5409723.0	85104.89844	227.95	51.06	48.840465	-86.940328	56144.33	56277.1	-27.08	56117.25	56126.69922	56083.48276	56087.30469	504378.4	5409723.0
L4380.0	504378.4	5409723.0	85105.00000	228.31	50.52	48.840465	-86.940328	56145.08	56277.1	-27.08	56118.00	56127.41406	56083.85707	56087.69531	504378.4	5409723.0
L4380.0	504378.5	5409721.6	85105.10156	224.98	50.52	48.840452	-86.940328	56146.25	56277.1	-27.08	56119.17	56128.55078	56084.19472	56088.04688	504378.5	5409721.6
L4380.0	504378.5	5409719.9	85105.20313	223.30	50.97	48.840437	-86.940328	56146.41	56277.1	-27.08	56119.34	56128.69141	56084.59029	56088.45703	504378.5	5409719.9
L4380.0	504378.5	5409718.7	85105.29688	223.80	50.97	48.840426	-86.940328	56146.58	56277.1	-27.08	56119.50	56128.82422	56084.97769	56088.86328	504378.5	5409718.7
L4380.0	504378.5	5409718.7	85105.39844	222.91	52.85	48.840426	-86.940328	56147.81	56277.1	-27.08	56120.74	56130.03906	56085.28417	56089.18750	504378.5	5409718.7
L4380.0	504378.5	5409717.3	85105.50000	224.34	51.82	48.840414	-86.940328	56148.53	56277.1	-27.07	56121.46	56130.73438	56085.61633	56089.53516	504378.5	5409717.3
L4380.0	504378.5	5409715.4	85105.60156	225.67	51.82	48.840397	-86.940328	56148.99	56277.1	-27.07	56121.92	56131.17188	56085.95676	56089.89453	504378.5	5409715.4
L4380.0	504378.5	5409715.4	85105.70313	226.11	51.08	48.840397	-86.940328	56148.13	56277.1	-27.07	56121.05	56130.28516	56086.37673	56090.33594	504378.5	5409715.4
L4380.0	504378.5	5409714.0	85105.79688	227.23	52.88	48.840384	-86.940327	56149.38	56277.1	-27.07	56122.30	56131.51563	56086.64617	56090.62500	504378.5	5409714.0
L4380.0	504378.5	5409712.4	85105.89844	226.79	52.88	48.840369	-86.940327	56150.35	56277.1	-27.07	56123.28	56132.48438	56086.92437	56090.92188	504378.5	5409712.4
L4380.0	504378.5	5409711.0	85106.00000	226.92	53.92	48.840357	-86.940327	56150.62	56277.1	-27.07	56123.55	56132.74219	56087.24061	56091.25781	504378.5	5409711.0
L4380.0	504378.6	5409709.5	85106.10156	225.14	53.92	48.840344	-86.940327	56151.23	56277.1	-27.07	56124.16	56133.34375	56087.52483	56091.56641	504378.6	5409709.5
L4380.0	504378.6	5409709.5	85106.20313	225.93	51.08	48.840344	-86.940327	56152.32	56277.1	-27.07	56125.25	56134.42969	56087.76764	56091.83203	504378.6	5409709.5
L4380.0	504378.6	5409708.1	85106.29688	226.47	51.08	48.840331	-86.940327	56152.12	56277.1	-27.07	56125.05	56134.22656	56088.08702	56092.17578	504378.6	5409708.1
L4380.0	504378.6	5409706.7	85106.39844	225.10	53.76	48.840319	-86.940327	56153.30	56277.1	-27.07	56126.23	56135.40625	56088.30490	56092.41406	504378.6	5409706.7
L4380.0	504378.6	5409705.1	85106.50000	226.66	50.56	48.840304	-86.940327	56153.20	56277.1	-27.07	56126.13	56135.30469	56088.59859	56092.73438	504378.6	5409705.1
L4380.0	504378.6	5409705.1	85106.60156	227.61	50.56	48.840304	-86.940327	56154.04	56277.1	-27.07	56126.97	56136.15234	56088.82003	56092.98047	504378.6	5409705.1
L4380.0	504378.6	5409703.9	85106.60156	227.61	51.85	48.840293	-86.940327	56153.56	56277.1	-27.07	56126.49	56135.67969	56089.11986	56093.30859	504378.6	5409703.9
L4380.0	504378.6	5409702.5	85106.79688	224.48	53.9	48.840281	-86.940327	56155.04	56277.1	-27.07	56127.97	56137.17188	56089.27937	56093.49609	504378.6	5409702.5
L4380.0	504378.6	5409701.1	85106.89844	222.57	53.9	48.840268	-86.940327	56155.76	56277.1	-27.07	56128.69	56137.90625	56089.47985	56093.72266	504378.6	5409701.1
L4380.0	504378.6	5409699.5	85107.00000	220.69	55.64	48.840253	-86.940327	56155.15	56277.1	-27.07	56128.08	56137.31250	56089.75926	56094.03125	504378.6	5409699.5
L4380.0	504378.6	5409699.5	85107.10156	221.89	55.64	48.840253	-86.940327	56155.29	56277.1	-27.07	56128.23	56137.48047	56089.97822	56094.28125	504378.6	5409699.5
L4380.0	504378.6	5409697.6	85107.20313	220.88	56.76	48.840236	-86.940327	56155.64	56277.1	-27.06	56128.58	56137.85547	56090.17404	56094.50391	504378.6	5409697.6
L4380.0	504378.6	5409696.0	85107.29688	220.29	56.76	48.840222	-86.940327	56156.56	56277.1	-27.06	56129.51	56138.81250	56090.32132	56094.68359	504378.6	5409696.0
L4380.0	504378.6	5409694.3	85107.39844	221.86	56.84	48.840207	-86.940327	56156.77	56277.1	-27.05	56129.71	56139.03906	56090.50737	56094.90234	504378.6	5409694.3
L4380.0	504378.6	5409694.3	85107.50000	222.23	56.84	48.840207	-86.940327	56157.15	56277.1	-27.05	56130.10	56139.46094	56090.67080	56095.09766	504378.6	5409694.3
L4380.0	504378.6	5409692.9	85107.60156	221.72	56.9	48.840194	-86.940327	56157.93	56277	-27.05	56130.89	56140.28516	56090.79756	56095.25781	504378.6	5409692.9
L4380.0	504378.6	5409691.7	85107.70313	222.21	56.9	48.840184	-86.940327	56156.99	56277	-27.04	56129.95	56139.38672	56091.02960	56095.52344	504378.6	5409691.7
L4380.0	504378.6	5409690.3	85107.79688	222.47	56.42	48.840171	-86.940327	56157.70	56277	-27.04	56130.67	56140.14844	56091.14088	56095.67188	504378.6	5409690.3
L4380.0	504378.6	5409690.3	85107.89844	223.98	55.6	48.840171	-86.940327	56158.39	56277	-27.03	56131.36	56140.88281	56091.24400	56095.80859	504378.6	5409690.3
L4380.0	504378.6	5409688.9	85108.00000	224.26	55.6	48.840158	-86.940327	56159.22	56277	-27.03	56132.19	56141.75781	56091.32758	56095.92969	504378.6	5409688.9
L4380.0	504378.6	5409687.0	85108.10156	226.29	57.34	48.840141	-86.940327	56159.78	56277	-27.03	56132.75	56142.37109	56091.41888	56096.05859	504378.6	5409687.0
L4380.0	504378.5	5409685.6	85108.20313	224.07	57.34	48.840129	-86.940327	56158.56	56277	-27.03	56131.53	56141.20703	56091.61851	56096.29688	504378.5	5409685.6
L4380.0	504378.5	5409684.2	85108.29688	224.72	57.98	48.840116	-86.940328	56159.08	56277	-27.03	56132.05	56141.78125	56091.69174	56096.41016	504378.5	5409684.2
L4380.0	504378.5	5409684.2	85108.39844	223.38	54.61	48.840116	-86.940328	56159.86	56277	-27.03	56132.83	56142.62500	56091.73715	56096.49219	504378.5	5409684.2
L4380.0	504378.5	5409682.8	85108.50000	222.37	54.61	48.840103	-86.940328	56160.23	56277	-27.03	56133.20	56143.05859	56091.79936	56096.59766	504378.5	5409682.8
L4380.0	504378.5	5409682.8	85108.60156	221.72	57.46	48.840103	-86.940328	56160.39	56277	-27.03	56133.36	56143.28516	56091.86493	56096.70313	504378.5	5409682.8
L4380.0	504378.5	5409680.9	85108.60156	221.72	57.46	48.840086	-86.940328	56159.98	56277	-27.03	56132.95	56142.94531	56091.95780	56096.83984	504378.5	5409680.9
L4380.0	504378.5	5409679.5	85108.79688	224.17	50.92	48.840073	-86.940328	56160.43	56277	-27.03	56133.40	56143.46875	56091.98254	56096.90625	504378.5	5409679.5
L4380.0	504378.5	5409678.0	85108.89844	225.43	52.88	48.840060	-86.940328	56160.54	56277	-27.03	56133.51	56143.65625	56092.01907	56096.98438	504378.5	5409678.0
L4380.0	504378.5	5409676.6	85109.00000	227.96	52.88	48.840048	-86.940328	56160.52	56277	-27.03	56133.49	56143.71875	56092.05328	56097.06250	504378.5	5409676.6
L4380.0	504378.5	5409674.9	85109.10156	227.37	52.88	48.840033	-86.940328	56161.13	56277	-27.03	56134.10	56144.41016	56092.03442	56097.08984	504378.5	5409674.9
L4380.0	504378.5	5409673.5	85109.20313	226.62	48.67	48.840020	-86.940328	56161.70	56277	-27.03	56134.67	56145.07031	56092.00705	56097.10938	504378.5	5409673.5
L4380.0	504378.5	5409673.5	85109.29688	227.45	50.73	48.840020	-86.940328	56162.14	56277	-27.03	56135.11	56145.59766	56091.97707	56097.12500	504378.5	5409673.5
L4380.0	504378.5	5409672.1	85109.39844	223.81	50.73	48.840007	-86.940329	56161.54	56277	-27.03	56134.51	56145.09375	56092.00504	56097.19922	504378.5	5409672.1
L4380.0	504378.5	5409670.6	85109.50000	221.40	51.58	48.839994	-86.940329	56162.10	56277	-27.03	56135.07	56145.75000	56091.94417	56097.18750	504378.5	5409670.6
L4380.0	504378.4	5409669.4	85109.60156	220.29	51.58	48.839983	-86.940329	56161.84	56277	-27.03	56134.81	56145.58984	56091.92634	56097.21875	504378.4	5409669.4
L4380.0	504378.4	5409668.2	85109.70313	221.11	55.47	48.839972	-86.940329	56161.54	56277	-27.03	56134.51	56145.39453	56091.89945	56097.23828	504378.4	5409668.2
L4380.0	504378.4	5409666.5	85109.89844	220.86	51.1	48.839957	-86.940329	56162.77	56277	-27.03	56135.74	56146.73047	56091.75870	56097.14844	504378.4	5409666.5
L4380.0	504378.4	5409659.5	85110.50000	220.47	58.44	48.839894	-86.940330	56163.17	56277	-27.03	56136.14	56147.23828	56091.66129	56097.10156	504378.4	5409659.5
L4380.0	504378.4	5409658.6	85110.60156	222.76	58.49	48.839885	-86.940330	56163.57	56277	-27.03	56136.54	56147.75000	56091.55176	56097.04297	504378.4	5409658.6
L4380.0	504378.4	5409656.9	85110.60156	222.76	58.49	48.839871	-86.940330	56163.77	56277	-27.03	56136.74	56148.06641	56091.44332	56096.98438	504378.4	5409656.9
L4380.0	504378.4	5409656.9	85110.79688	224.08	58.08	48.839871	-86.940330	56162.66	56277	-27.03	56135.63	56147.07813	56091.40983	56097.00391	504378.4	5409656.9
L4380.0	504378.4	5409655.1	85110.89844	225.67	58.08	48.839854	-86.940330	56162.51	56277	-27.03	56135.48	56147.05078	56091.29982	56096.94531	504378.4	5409655.1
L4380.0	504378.4	5409653.6	85111.00000	224.96	51.76	48.839841	-86.940330	56163.32	56277	-27.03	56136.29	56147.98438	56091.11314	56096.81250	504378.4	5409653.6
L4380.0	504378.4	5409652.2	85111.10156	227.75	52.01	48.839828	-86.940330	56163.04	56277	-27.03	56136.01	56147.83203	56090.98633	56096.73828	504378.4	5409652.2
L4380.0	504378.4	5409650.5	85111.20313	227.95	52.01	48.839813	-86.940330	56162.76	56277	-27.03	56135.74	56147.69531	56090.84590	56096.65234	504378.4	5409650.5
L4380.0	504378.4	5409650.5	85111.29688	227.03	58.54	48.839813	-86.940330	56162.29	56277	-27.02	56135.26	56147.34766	56090.70636	56096.57031	504378.4	5409650.5
L4380.0	504378.4	5409649.0	85111.39844	224.26	58.54	48.839800	-86.940330	56163.46	56277	-27.02	56136.44	56148.66406	56090.44291	56096.35938	504378.4	5409649.0
L4380.0	504378.4	5409647.6	85111.50000	224.56	58.49	48.839787	-86.940330	56163.47	56277	-27.02	56136.45	56148.81641	56090.24406	56096.21484	504378.4	5409647.6
L4380.0	504378.4	5409646.1	85111.60156	223.60	58.49	48.839774	-86.940331	56162.89	56277	-27.02	56135.87	56148.37891	56090.07099	56096.09766	504378.4	5409646.1
L4380.0	504378.4	5409645.0	85111.70313	222.47	50.77	48.839763	-86.940331	56163.35	56277	-27.02	56136.33	56148.98438	56089.81486	56095.89844	504378.4	5409645.0
L4380.0	504378.4	5409643.3	85111.79688	224.28	55.08	48.839748	-86.940331	56163.75	56277	-27.01	56136.74	56149.54297	56089.54820	56095.68750	504378.4	5409643.3
L4380.0	504378.4	5409643.3	85111.89844	222.35	55.08	48.839748	-86.940331	56163.14	56277	-27.01	56136.13	56149.08594	56089.33549	56095.53516	504378.4	5409643.3
L4380.0	504378.4	5409641.6	85112.00000	225.15	57.96	48.839732	-86.940331	56162.41	56277	-27.01	56135.40	56148.50781	56089.11658	56095.37109	504378.4	5409641.6
L4380.0	504378.4	5409640.4	85112.10156	226.53	54.65	48.839722	-86.940331	56162.23	56277	-27.00	56135.22	56148.48438	56088.84664	56095.16016	504378.4	5409640.4
L4380.0	504378.4	5409638.8	85112.20313	226.45	54.65	48.839707	-86.940331	56162.05	56277	-27.00	56135.05	56148.47266	56088.56148	56094.93359	504378.4	5409638.8
L4380.0	504378.4	5409638.8	85112.29688	227.19	56.48	48.839707	-86.940331	56162.04	56277	-26.99	56135.05	56148.63672	56088.25028	56094.67969	504378.4	5409638.8
L4380.0	504378.4	5409636.9	85112.39844	228.24	58.17	48.839690	-86.940330	56161.57	56277	-26.99	56134.58	56148.33203	56087.95552	56094.44141	504378.4	5409636.9
L4380.0	504378.4	5409635.6	85112.50000	227.47	58.17	48.839679	-86.940330	56161.63	56277	-26.98	56134.65	56148.56641	56087.60970	56094.15625	504378.4	5409635.6
L4380.0	504378.4	5409634.3	85112.60156	227.48	54.98	48.839667	-86.940330	56161.67	56277	-26.97	56134.70	56148.78516	56087.24996	56093.85156	504378.4	5409634.3
L4380.0	504378.4	5409633.1	85112.70313	227.48	54.98	48.839656	-86.940330	56160.11	56277	-26.97	56133.14	56147.39844	56086.98212	56093.64453	504378.4	5409633.1

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4380.0	504378.4	5409633.1	85112.79688	224.83	51.82	48.839656	-86.940330	56161.22	56277	-26.96	56134.26	56148.69141	56086.51999	56093.24219	504378.4	5409633.1
L4380.0	504378.4	5409631.9	85112.89844	223.23	51.82	48.839645	-86.940330	56159.98	56277	-26.96	56133.02	56147.62500	56086.19940	56092.98047	504378.4	5409631.9
L4380.0	504378.4	5409630.2	85113.00000	224.45	52.54	48.839631	-86.940330	56160.03	56276.9	-26.95	56133.08	56147.86328	56085.77615	56092.61328	504378.4	5409630.2
L4380.0	504378.4	5409629.1	85113.10156	224.01	56	48.839620	-86.940330	56160.18	56276.9	-26.95	56133.24	56148.20313	56085.33005	56092.22656	504378.4	5409629.1
L4380.0	504378.4	5409627.5	85113.20313	224.83	56	48.839606	-86.940330	56159.86	56276.9	-26.95	56132.91	56148.05469	56084.90024	56091.85547	504378.4	5409627.5
L4380.0	504378.4	5409627.5	85113.29688	222.58	55.96	48.839606	-86.940330	56159.68	56276.9	-26.95	56132.73	56148.05859	56084.44388	56091.45703	504378.4	5409627.5
L4380.0	504378.4	5409625.8	85113.39844	220.85	55.96	48.839591	-86.940330	56159.65	56276.9	-26.95	56132.70	56148.21094	56083.96076	56091.03516	504378.4	5409625.8
L4380.0	504378.4	5409624.4	85113.50000	221.60	50.6	48.839578	-86.940330	56158.29	56276.9	-26.94	56131.34	56147.03906	56083.54936	56090.67969	504378.4	5409624.4
L4380.0	504378.4	5409623.0	85113.60156	220.57	50.6	48.839565	-86.940330	56158.46	56276.9	-26.94	56131.51	56147.39844	56083.01884	56090.20703	504378.4	5409623.0
L4380.0	504378.5	5409621.8	85113.70313	220.43	48.1	48.839555	-86.940329	56157.91	56276.9	-26.94	56130.96	56147.03906	56082.51901	56089.76563	504378.5	5409621.8
L4380.0	504378.5	5409620.1	85113.79688	221.64	48.1	48.839540	-86.940329	56158.09	56276.9	-26.94	56131.14	56147.41016	56081.95301	56089.25781	504378.5	5409620.1
L4380.0	504378.5	5409620.1	85113.89844	223.12	48.76	48.839540	-86.940329	56158.40	56276.9	-26.94	56131.46	56147.92188	56081.36001	56088.72266	504378.5	5409620.1
L4380.0	504378.5	5409618.2	85114.00000	223.00	50.19	48.839522	-86.940329	56156.69	56276.9	-26.94	56129.75	56146.40625	56080.88451	56088.30469	504378.5	5409618.2
L4380.0	504378.5	5409616.8	85114.10156	221.28	50.19	48.839510	-86.940329	56156.78	56276.9	-26.94	56129.84	56146.68750	56080.27099	56087.74609	504378.5	5409616.8
L4380.0	504378.5	5409615.4	85114.20313	221.88	58.51	48.839497	-86.940329	56155.80	56276.9	-26.93	56128.87	56145.91406	56079.70997	56087.24219	504378.5	5409615.4
L4380.0	504378.5	5409615.4	85114.29688	224.05	58.51	48.839497	-86.940329	56156.23	56276.9	-26.93	56129.31	56146.55078	56079.03663	56086.62500	504378.5	5409615.4
L4380.0	504378.5	5409614.0	85114.39844	224.36	58.51	48.839484	-86.940329	56155.33	56276.9	-26.92	56128.40	56145.83984	56078.43483	56086.07813	504378.5	5409614.0
L4380.0	504378.5	5409612.1	85114.50000	224.99	57.65	48.839467	-86.940329	56154.90	56276.9	-26.92	56127.98	56145.61719	56077.78175	56085.48047	504378.5	5409612.1
L4380.0	504378.5	5409610.6	85114.60156	225.62	55.71	48.839454	-86.940329	56153.17	56276.9	-26.92	56126.26	56144.09766	56077.19660	56084.94922	504378.5	5409610.6
L4380.0	504378.5	5409610.6	85114.60156	225.62	55.71	48.839454	-86.940329	56153.31	56276.9	-26.92	56126.39	56144.42578	56076.46927	56084.27734	504378.5	5409610.6
L4380.0	504378.5	5409608.7	85114.79688	222.87	58.78	48.839436	-86.940330	56151.38	56276.9	-26.91	56124.47	56142.70313	56075.85965	56083.72266	504378.5	5409608.7
L4380.0	504378.4	5409607.3	85114.89844	221.91	58.78	48.839424	-86.940330	56151.10	56276.9	-26.90	56124.20	56142.63672	56075.12096	56083.03516	504378.4	5409607.3
L4380.0	504378.4	5409606.0	85115.00000	221.45	58.51	48.839413	-86.940330	56151.45	56276.9	-26.90	56124.55	56143.18359	56074.32178	56082.28906	504378.4	5409606.0
L4380.0	504378.4	5409606.0	85115.10156	221.89	58.42	48.839413	-86.940330	56150.90	56276.9	-26.90	56124.00	56142.83594	56073.56336	56081.58203	504378.4	5409606.0
L4380.0	504378.4	5409604.2	85115.20313	221.53	58.42	48.839396	-86.940330	56150.01	56276.9	-26.90	56123.10	56142.13672	56072.80895	56080.87891	504378.4	5409604.2
L4380.0	504378.4	5409601.0	85115.50000	222.28	47.19	48.839367	-86.940331	56146.79	56276.9	-26.91	56119.88	56139.11328	56072.18983	56080.30859	504378.4	5409601.0
L4380.0	504378.4	5409599.5	85115.60156	222.38	47.19	48.839354	-86.940331	56145.96	56276.9	-26.91	56119.05	56138.48438	56071.39192	56079.55859	504378.4	5409599.5
L4380.0	504378.4	5409593.5	85116.10156	221.92	55.19	48.839300	-86.940331	56142.78	56276.9	-26.92	56115.86	56135.49219	56070.73186	56078.94922	504378.4	5409593.5
L4380.0	504378.4	5409593.5	85116.20313	220.84	42.88	48.839300	-86.940331	56141.96	56276.9	-26.91	56115.05	56134.88281	56069.89358	56078.15625	504378.4	5409593.5
L4380.0	504378.4	5409592.1	85116.29688	220.30	47.18	48.839287	-86.940331	56140.73	56276.9	-26.91	56113.83	56133.85938	56069.06304	56077.37500	504378.4	5409592.1
L4380.0	504378.4	5409590.6	85116.39844	220.20	47.18	48.839274	-86.940331	56138.78	56276.9	-26.90	56111.87	56132.09375	56068.26222	56076.61719	504378.4	5409590.6
L4380.0	504378.4	5409589.2	85116.60156	220.99	46.01	48.839261	-86.940331	56137.46	56276.9	-26.90	56110.57	56130.99219	56067.39773	56075.79688	504378.4	5409589.2
L4380.0	504378.4	5409587.5	85116.60156	220.99	46.01	48.839246	-86.940331	56136.96	56276.9	-26.90	56110.06	56130.67578	56066.46090	56074.90625	504378.4	5409587.5
L4380.0	504378.4	5409585.7	85116.79688	222.14	43.35	48.839230	-86.940331	56134.66	56276.9	-26.89	56107.77	56128.57813	56065.62303	56074.10938	504378.4	5409585.7
L4380.0	504378.4	5409584.3	85116.89844	226.02	47.18	48.839218	-86.940331	56133.46	56276.9	-26.88	56106.58	56127.58203	56064.69209	56073.21875	504378.4	5409584.3
L4380.0	504378.4	5409582.7	85117.00000	226.28	47.18	48.839203	-86.940331	56132.89	56276.9	-26.88	56106.01	56127.20313	56063.70008	56072.26563	504378.4	5409582.7
L4380.0	504378.4	5409582.7	85117.10156	225.21	47.92	48.839203	-86.940331	56131.12	56276.9	-26.88	56104.24	56125.62109	56062.76830	56071.37500	504378.4	5409582.7
L4380.0	504378.4	5409580.7	85117.20313	224.36	51.22	48.839185	-86.940331	56130.46	56276.9	-26.88	56103.58	56125.14844	56061.74275	56070.38672	504378.4	5409580.7
L4380.0	504378.4	5409580.7	85117.29688	224.69	51.22	48.839185	-86.940331	56129.43	56276.9	-26.88	56102.54	56124.29297	56060.72277	56069.40234	504378.4	5409580.7
L4380.0	504378.4	5409579.3	85117.39844	224.07	51.22	48.839172	-86.940331	56128.00	56276.9	-26.88	56101.12	56123.05859	56059.70833	56068.42188	504378.4	5409579.3
L4380.0	504378.4	5409577.9	85117.50000	224.70	53	48.839159	-86.940331	56126.24	56276.9	-26.89	56099.35	56121.46875	56058.69746	56067.44531	504378.4	5409577.9
L4380.0	504378.4	5409576.7	85117.60156	226.53	53	48.839149	-86.940331	56125.02	56276.9	-26.89	56098.13	56120.42578	56057.63016	56066.41016	504378.4	5409576.7
L4380.0	504378.4	5409575.3	85117.70313	225.65	58.2	48.839137	-86.940331	56123.81	56276.9	-26.89	56096.93	56119.40234	56056.54178	56065.35547	504378.4	5409575.3
L4380.0	504378.4	5409575.3	85117.79688	225.22	58.55	48.839137	-86.940331	56121.93	56276.9	-26.89	56095.05	56117.69531	56055.47902	56064.32031	504378.4	5409575.3
L4380.0	504378.4	5409573.3	85117.89844	224.78	58.55	48.839119	-86.940330	56120.29	56276.9	-26.89	56093.40	56116.21875	56054.38124	56063.25000	504378.4	5409573.3
L4380.0	504378.4	5409572.4	85118.00000	223.53	50.91	48.839111	-86.940330	56118.63	56276.9	-26.89	56091.74	56114.72656	56053.26450	56062.16016	504378.4	5409572.4
L4380.0	504378.4	5409571.0	85118.10156	222.65	58.15	48.839098	-86.940330	56117.28	56276.9	-26.89	56090.39	56113.53906	56052.10751	56061.02734	504378.4	5409571.0
L4380.0	504378.4	5409569.6	85118.20313	223.67	58.15	48.839085	-86.940330	56113.66	56276.9	-26.89	56086.78	56110.08984	56051.08169	56060.02734	504378.4	5409569.6
L4380.0	504378.4	5409569.6	85118.29688	222.66	52.67	48.839085	-86.940330	56112.75	56276.9	-26.89	56085.86	56109.32813	56049.85712	56058.82422	504378.4	5409569.6
L4380.0	504378.4	5409566.3	85118.39844	223.68	52.67	48.839055	-86.940330	56111.09	56276.9	-26.89	56084.21	56107.83594	56048.66191	56057.64844	504378.4	5409566.3
L4380.0	504378.4	5409566.3	85118.50000	223.43	52.67	48.839055	-86.940330	56109.62	56276.9	-26.88	56082.73	56106.50781	56047.43618	56056.44141	504378.4	5409566.3
L4380.0	504378.4	5409564.6	85118.60156	224.31	58.86	48.839040	-86.940330	56108.38	56276.9	-26.88	56081.50	56105.42188	56046.17474	56055.19531	504378.4	5409564.6
L4380.0	504378.4	5409563.2	85118.60156	224.31	58.14	48.839028	-86.940330	56106.46	56276.9	-26.88	56079.57	56103.63672	56044.94110	56053.97656	504378.4	5409563.2
L4380.0	504378.4	5409561.8	85118.79688	225.55	58.14	48.839015	-86.940330	56103.78	56276.9	-26.88	56076.90	56101.10938	56043.73810	56052.78516	504378.4	5409561.8
L4380.0	504378.4	5409561.8	85118.89844	225.44	52.39	48.839015	-86.940330	56101.46	56276.9	-26.88	56074.58	56098.92188	56042.49329	56051.55469	504378.4	5409561.8
L4380.0	504378.4	5409560.3	85119.00000	225.44	52.39	48.839002	-86.940330	56100.18	56276.9	-26.88	56073.30	56097.77344	56041.16091	56050.23047	504378.4	5409560.3
L4380.0	504378.4	5409558.7	85119.10156	226.31	57.82	48.838987	-86.940330	56098.39	56276.9	-26.88	56071.51	56096.11328	56039.84457	56048.92188	504378.4	5409558.7
L4380.0	504378.4	5409558.7	85119.20313	225.18	58.79	48.838987	-86.940330	56095.83	56276.9	-26.88	56068.95	56093.67578	56038.56188	56047.64453	504378.4	5409558.7
L4380.0	504378.4	5409557.3	85119.29688	222.20	58.78	48.838974	-86.940330	56093.91	56276.9	-26.88	56067.03	56091.87109	56037.21919	56046.30469	504378.4	5409557.3
L4380.0	504378.5	5409555.5	85119.39844	222.03	58.78	48.838958	-86.940330	56090.73	56276.9	-26.88	56063.85	56088.80469	56035.94350	56045.03125	504378.5	5409555.5
L4380.0	504378.5	5409553.9	85119.50000	220.65	48.39	48.838944	-86.940330	56087.98	56276.9	-26.88	56061.10	56086.16406	56034.62256	56043.71094	504378.5	5409553.9
L4380.0	504378.5	5409551.5	85119.70313	220.60	49.75	48.838922	-86.940330	56083.84	56276.9	-26.88	56056.96	56082.12891	56033.37811	56042.46484	504378.5	5409551.5
L4380.0	504378.5	5409551.5	85119.79688	223.04	53.57	48.838922	-86.940330	56081.19	56276.9	-26.88	56054.31	56079.57422	56032.01862	56041.10156	504378.5	5409551.5
L4380.0	504378.5	5409549.9	85119.89844	222.69	53.57	48.838908	-86.940330	56077.39	56276.9	-26.88	56050.51	56075.86719	56030.72060	56039.79688	504378.5	5409549.9
L4380.0	504378.5	5409548.2	85120.00000	224.51	58.49	48.838893	-86.940330	56075.62	56276.9	-26.88	56048.74	56074.18750	56029.27257	56038.33984	504378.5	5409548.2
L4380.0	504378.5	5409548.2	85120.10156	226.77	58.49	48.838893	-86.940330	56073.82	56276.9	-26.88	56046.95	56072.47656	56027.81178	56036.86719	504378.5	5409548.2
L4380.0	504378.5	5409546.6	85120.20313	227.10	58.62	48.838878	-86.940329	56070.59	56276.9	-26.87	56043.72	56069.32422	56026.43352	56035.47656	504378.5	5409546.6
L4380.0	504378.5	5409545.2	85120.29688	227.38	55.96	48.838866	-86.940329	56066.89	56276.9	-26.87	56040.02	56065.69531	56025.07379	56034.10547	504378.5	5409545.2
L4380.0	504378.5	5409543.8	85120.39844	227.05	55.96	48.838853	-86.940329	56064.24	56276.9	-26.86	56037.38	56063.12109	56023.63129	56032.64453	504378.5	5409543.8
L4380.0	504378.5	5409542.6	85120.50000	227.86	54.39	48.838842	-86.940329	56061.76	56276.9	-26.86	56034.90	56060.69922	56022.16677	56031.16016	504378.5	5409542.6
L4380.0	504378.5	5409542.6	85120.60156	228.02	54.39	48.838842	-86.940329	56058.30	56276.9	-26.86	56031.44	56057.29297	56020.75704	56029.73047	504378.5	5409542.6
L4380.0	504378.5	5409540.7	85120.60156	228.02	57.15	48.838825	-86.940329	56054.88	56276.9	-26.86	56028.02	56053.91797	56019.33492	56028.28516	504378.5	5409540.7
L4380.0	504378.5	5409539.5	85120.79688	227.13	45.46	48.838815	-86.940329	56051.56	56276.8	-26.85	56024.71	56050.65234	56017.89667	56026.82031	504378.5	5409539.5
L4380.0	504378.5	5409537.9	85120.89844	226.31	45.46	48.838800	-86.940329	56048.78	56276.8	-26.84	56021.94	56047.91406	56016.41454	56025.31250	504378.5	5409537.9
L4380.0	504378.5	5409537.9	85121.00000	225.80	43.51	48.838800	-86.940329	56045.63	56276.8	-26.84	56018.79	56044.79297	56014.95088	56023.81641	504378.5	5409537.9
L4380.0	504378.5	5409536.0	85121.10156	223.90	43.51	48.838783	-86.940329	56040.52	56276.8	-26.84	56013.67	56039.69531	56013.61273	56022.44531	504378.5	5409536.0
L4380.0	504378.6	5409534.6	85121.20313	221.75	46.67	48.838770	-86.940329	56037.45	56276.8	-26.84	56010.61	56036.65234	56012.13252	56020.93359	504378.6	5409534.6
L4380.0	504378.6	5409533.1	85121.29688	221.78	49.26	48.838757	-86.940329	56034.42	56276.8	-26.85	56007.57	56033.62109	56010.64740	56019.41016	504378.6	5409533.1
L4380.0	504378.6	5409533.1	85121.39844	220.85	49.26	48.838757	-86.940329	56031.20	56276.8	-26.85	56004.36	56030.41016	56009.17126	56017.89453	504378.6	5409533.1
L4380.0	504378.6	5409531.7	85121.50000	222.99	47.43	48.838744	-86.940329	56026.88	56276.8	-26.85	56000.03	56026.07813	56007.76866	56016.45313	504378.6	5409531.7
L4380.0	504378.6	5409529.9	85121.60156	223.43	47.43	48.838728	-86.940329	56022.93	56276.9	-26.85	55996.08	56022.11719	56006.34093	56014.98047	504378.6	5409529.9
L4380.0	504378.6	5409528.4	85121.70313	224.06	49.52	48.838715	-86.940329	56019.77	56276.9	-26.85	55992.92	56018.93750	56004.86208	56013.45703	504378.6	5409528.4
L4380.0	504378.6	5409528.4	85121.79688	226.50	58.55	48.838715	-86.940329	56015.04	56276.9	-26.86	55988.18	56014.17188	56003.49152	56012.03516	504378.6	5409528.4
L4380.0	504378.5	5409526.8	85121.89844	226.05	58.55	48.838700	-86.940329	56011.00	56276.9	-26.86	55984.14	56010.10156	56002.07870	56010.57422	504378.5	5409526.8
L4380.0	504378.5	5409525.6	85122.00000	223.82	58.55	48.838690	-86.940329	56007.38	56276.9	-26.86	55980.51	56006.42969	56000.64444	56009.08594	504378.5	5409525.6
L4380.0	504378.5	5409524.0	85122.10156	223.01	58.48	48.838674	-86.940329	56003.28	56276.9	-26.86	55976.42	56002.29297	55999.24826	56007.63672	504378.5	5409524.0
L4380.0	504378.5	5409524.0	85122.20313	220.32	58.65	48.838674	-86.940329	55999.16	56276.9	-26.85	55972.30	55998.12109	55997.86307	56006.19141	504378.5	5409524.0
L4380.0	504378.5	5409520.7	85122.39844	220.00	58.65	48.838645	-86.940330	55992.07	56276.8	-26.84	55965.23	55990.99219	55996.68512	56004.95703	504378.5	5409520.7
L4380.0	504378.5	5409520.7	85122.50000	220.18	59.06	48.838645	-86.940330	55986.31	56276.8	-26.84	55959.47	55985.16406	55995.43203	56003.64063	504378.5	5409520.7
L4380.0	504378.5	5409516.4	85122.79688	220.03	58.71	48.838606	-86.940330	55974.16	56276.8	-26.83	55947.34	55972.96094	55994.61744	56002.76172	504378.5	5409516.4
L4380.0	504378.5	5409514.8	85122.89844	220.81	49.06	48.838592	-86.940330	55969.91	56276.8	-26.82	55943.09	55968.62891	55993.29300	56001.37109	504378.5	5409514.8
L4380.0	504378.5	5409513.1	85123.00000	220.92	49.98	48.838577	-86.940330	55965.87	56276.8	-26.82	55939.05	55964.50000	55991.97171	55999.98047	504378.5	5409513.1
L4380.0	504378.5	5409513.1	85123.10156	222.88	49.98	48.838577	-86.940330	55960.33	56276.8	-26.81	55933.51	55958.86328	55990.76923	55998.70703	504378.5	5409513.1

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4380.0	504378.5	5409511.7	85123.20313	220.78	46.99	48.838564	-86.940330	55956.82	56276.8	-26.81	55930.01	55955.26172	55989.45122	55997.31641	504378.5	5409511.7
L4380.0	504378.5	5409510.0	85123.29688	222.14	46.99	48.838549	-86.940330	55953.14	56276.8	-26.80	55926.35	55951.48828	55988.16602	55995.95703	504378.5	5409510.0
L4380.0	504378.5	5409508.6	85123.39844	220.09	50.1	48.838536	-86.940330	55948.21	56276.8	-26.79	55921.42	55946.44141	55986.98926	55994.70313	504378.5	5409508.6
L4380.0	504378.5	5409508.6	85123.50000	220.80	50.1	48.838536	-86.940330	55943.94	56276.8	-26.79	55917.15	55942.04688	55985.79390	55993.42578	504378.5	5409508.6
L4380.0	504378.5	5409507.1	85123.60156	220.68	50.18	48.838523	-86.940330	55939.96	56276.8	-26.78	55913.19	55937.95703	55984.60487	55992.15625	504378.5	5409507.1
L4380.0	504378.5	5409505.7	85123.70313	221.03	58.45	48.838510	-86.940330	55936.27	56276.8	-26.77	55909.50	55934.12891	55983.42642	55990.89453	504378.5	5409505.7
L4380.0	504378.5	5409504.5	85123.79688	220.10	58.59	48.838499	-86.940330	55931.52	56276.8	-26.76	55904.76	55929.24219	55982.34807	55989.73047	504378.5	5409504.5
L4380.0	504378.5	5409504.5	85123.89844	220.67	58.59	48.838499	-86.940330	55928.81	56276.8	-26.76	55902.06	55926.39063	55981.16533	55988.45703	504378.5	5409504.5
L4380.0	504378.5	5409502.9	85124.00000	222.63	54.29	48.838485	-86.940330	55923.60	56276.8	-26.75	55896.85	55921.01953	55980.18299	55987.38672	504378.5	5409502.9
L4380.0	504378.5	5409501.4	85124.10156	221.88	54.29	48.838472	-86.940330	55920.89	56276.8	-26.75	55894.14	55918.14453	55979.06847	55986.17969	504378.5	5409501.4
L4380.0	504378.5	5409500.2	85124.20313	220.85	54.29	48.838461	-86.940330	55917.50	56276.8	-26.76	55890.75	55914.58203	55978.03513	55985.05078	504378.5	5409500.2
L4380.0	504378.5	5409499.0	85124.29688	223.59	58.3	48.838450	-86.940330	55913.56	56276.8	-26.76	55886.80	55910.44922	55977.07627	55983.99609	504378.5	5409499.0
L4380.0	504378.5	5409499.0	85124.39844	222.65	58.24	48.838450	-86.940330	55909.82	56276.8	-26.77	55883.05	55906.51172	55976.14249	55982.96484	504378.5	5409499.0
L4380.0	504378.5	5409497.3	85124.50000	223.20	58.24	48.838434	-86.940330	55907.14	56276.8	-26.77	55880.37	55903.64063	55975.17698	55981.89844	504378.5	5409497.3
L4380.0	504378.5	5409495.7	85124.60156	224.18	52.53	48.838420	-86.940330	55904.13	56276.8	-26.77	55877.35	55900.41797	55974.27488	55980.89453	504378.5	5409495.7
L4380.0	504378.5	5409494.2	85124.60156	224.18	48.63	48.838407	-86.940330	55900.02	56276.8	-26.77	55873.25	55896.11328	55973.48659	55980.00391	504378.5	5409494.2
L4380.0	504378.5	5409494.2	85124.79688	225.57	48.63	48.838407	-86.940330	55897.68	56276.8	-26.78	55870.89	55893.53906	55972.62511	55979.03516	504378.5	5409494.2
L4380.0	504378.5	5409492.8	85124.89844	227.32	40.78	48.838394	-86.940330	55895.09	56276.8	-26.79	55868.31	55890.73828	55971.82206	55978.12500	504378.5	5409492.8
L4380.0	504378.5	5409491.5	85125.00000	226.53	42.32	48.838383	-86.940330	55892.54	56276.8	-26.79	55865.75	55887.95313	55971.06230	55977.25781	504378.5	5409491.5
L4380.0	504378.5	5409490.2	85125.10156	227.50	42.32	48.838371	-86.940330	55890.18	56276.8	-26.79	55863.40	55885.37109	55970.33396	55976.41797	504378.5	5409490.2
L4380.0	504378.5	5409489.0	85125.20313	227.74	45.75	48.838360	-86.940330	55888.01	56276.8	-26.78	55861.23	55882.96484	55969.63976	55975.60938	504378.5	5409489.0
L4380.0	504378.5	5409487.6	85125.29688	227.36	45.75	48.838347	-86.940330	55886.68	56276.8	-26.78	55859.90	55881.39063	55968.93635	55974.79297	504378.5	5409487.6
L4380.0	504378.5	5409485.9	85125.39844	226.22	52.74	48.838332	-86.940330	55883.76	56276.8	-26.77	55856.98	55878.21875	55968.38632	55974.12500	504378.5	5409485.9
L4380.0	504378.5	5409485.9	85125.50000	226.57	53.99	48.838332	-86.940330	55883.20	56276.8	-26.77	55856.43	55877.41406	55967.72615	55973.34766	504378.5	5409485.9
L4380.0	504378.5	5409483.0	85125.60156	225.70	53.99	48.838306	-86.940330	55881.43	56276.8	-26.77	55854.67	55875.39453	55967.19493	55972.69922	504378.5	5409483.0
L4380.0	504378.5	5409483.0	85125.70313	227.50	59.29	48.838306	-86.940330	55880.29	56276.8	-26.76	55853.53	55873.98828	55966.67102	55972.05469	504378.5	5409483.0
L4380.0	504378.5	5409480.8	85125.79688	225.10	59.29	48.838286	-86.940330	55879.76	56276.8	-26.76	55853.00	55873.18359	55966.15536	55971.41797	504378.5	5409480.8
L4380.0	504378.5	5409480.8	85125.89844	224.73	58.83	48.838286	-86.940330	55877.64	56276.8	-26.75	55850.89	55870.79688	55965.79412	55970.93359	504378.5	5409480.8
L4380.0	504378.5	5409479.3	85126.00000	227.29	58.67	48.838272	-86.940330	55878.14	56276.8	-26.75	55851.39	55871.01563	55965.30811	55970.32031	504378.5	5409479.3
L4380.0	504378.5	5409477.9	85126.10156	227.08	58.67	48.838260	-86.940330	55877.87	56276.7	-26.75	55851.13	55870.46875	55964.92202	55969.80859	504378.5	5409477.9
L4380.0	504378.5	5409476.4	85126.20313	225.88	58.89	48.838247	-86.940331	55877.31	56276.7	-26.74	55850.57	55869.61719	55964.60516	55969.36719	504378.5	5409476.4
L4380.0	504378.5	5409476.4	85126.29688	226.04	59	48.838247	-86.940331	55876.50	56276.7	-26.74	55849.76	55868.51172	55964.35409	55968.98828	504378.5	5409476.4
L4380.0	504378.5	5409474.7	85126.39844	226.17	59	48.838231	-86.940331	55876.91	56276.7	-26.73	55850.18	55868.62891	55964.06997	55968.57422	504378.5	5409474.7
L4380.0	504378.5	5409473.5	85126.50000	226.45	52.75	48.838221	-86.940331	55878.27	56276.7	-26.72	55851.55	55869.69531	55963.77122	55968.14453	504378.5	5409473.5
L4380.0	504378.5	5409472.1	85126.60156	226.49	52.75	48.838208	-86.940331	55878.04	56276.7	-26.72	55851.32	55869.15625	55963.62752	55967.86719	504378.5	5409472.1
L4380.0	504378.5	5409470.7	85126.60156	226.49	54.62	48.838195	-86.940331	55878.40	56276.7	-26.72	55851.68	55869.20313	55963.49249	55967.60156	504378.5	5409470.7
L4380.0	504378.5	5409470.7	85126.79688	223.56	54.62	48.838195	-86.940331	55879.64	56276.7	-26.71	55852.93	55870.13281	55963.34568	55967.32031	504378.5	5409470.7
L4380.0	504378.5	5409469.2	85126.89844	225.63	58.51	48.838182	-86.940331	55880.75	56276.7	-26.70	55854.05	55870.93359	55963.25458	55967.09375	504378.5	5409469.2
L4380.0	504378.5	5409467.8	85127.00000	226.52	58.12	48.838169	-86.940331	55881.89	56276.7	-26.70	55855.19	55871.75000	55963.20863	55966.91406	504378.5	5409467.8
L4380.0	504378.5	5409466.8	85127.10156	223.84	58.06	48.838161	-86.940331	55883.41	56276.7	-26.70	55856.71	55872.94141	55963.18320	55966.75000	504378.5	5409466.8
L4380.0	504378.5	5409465.4	85127.20313	224.68	58.06	48.838148	-86.940331	55883.13	56276.7	-26.70	55856.43	55872.33203	55963.32294	55966.75391	504378.5	5409465.4
L4380.0	504378.5	5409463.7	85127.29688	224.52	58.41	48.838132	-86.940331	55885.64	56276.7	-26.70	55858.94	55874.50781	55963.32113	55966.61328	504378.5	5409463.7
L4380.0	504378.5	5409463.7	85127.39844	222.77	53.72	48.838132	-86.940331	55887.81	56276.7	-26.70	55861.11	55876.33984	55963.38566	55966.54297	504378.5	5409463.7
L4380.0	504378.5	5409462.3	85127.50000	222.65	53.72	48.838120	-86.940331	55888.82	56276.7	-26.70	55862.12	55877.01172	55963.57036	55966.58594	504378.5	5409462.3
L4380.0	504378.4	5409460.8	85127.60156	221.50	45.76	48.838107	-86.940331	55891.38	56276.7	-26.70	55864.68	55879.23047	55963.69372	55966.57031	504378.4	5409460.8
L4380.0	504378.4	5409459.2	85127.70313	222.74	51.95	48.838092	-86.940331	55893.27	56276.7	-26.70	55866.57	55880.77344	55963.90281	55966.64063	504378.4	5409459.2
L4380.0	504378.4	5409457.9	85127.79688	225.55	53.53	48.838081	-86.940331	55894.62	56276.7	-26.70	55867.92	55881.77734	55964.18805	55966.78516	504378.4	5409457.9
L4380.0	504378.4	5409457.9	85127.89844	225.06	53.53	48.838081	-86.940331	55897.09	56276.7	-26.70	55870.39	55883.90234	55964.43778	55966.89453	504378.4	5409457.9
L4380.0	504378.4	5409456.5	85128.00000	225.62	52.86	48.838068	-86.940331	55899.44	56276.7	-26.70	55872.74	55885.90234	55964.73369	55967.05078	504378.4	5409456.5
L4380.0	504378.4	5409454.6	85128.10156	227.30	57.54	48.838051	-86.940331	55901.46	56276.7	-26.70	55874.77	55887.58203	55965.08807	55967.26563	504378.4	5409454.6
L4380.0	504378.4	5409453.4	85128.20313	226.00	57.54	48.838040	-86.940332	55903.70	56276.7	-26.70	55877.00	55889.46094	55965.46522	55967.50000	504378.4	5409453.4
L4380.0	504378.4	5409453.4	85128.29688	224.99	57.11	48.838040	-86.940332	55906.63	56276.7	-26.69	55879.94	55892.04688	55965.83006	55967.72266	504378.4	5409453.4
L4380.0	504378.4	5409451.8	85128.39844	223.70	57.11	48.838025	-86.940332	55909.82	56276.7	-26.69	55883.13	55894.88281	55966.21219	55967.96484	504378.4	5409451.8
L4380.0	504378.4	5409450.1	85128.50000	225.71	56.79	48.838010	-86.940332	55911.11	56276.7	-26.69	55884.42	55895.81641	55966.75383	55968.36328	504378.4	5409450.1
L4380.0	504378.4	5409448.6	85128.60156	226.47	57.19	48.837997	-86.940332	55914.04	56276.7	-26.69	55887.35	55898.39063	55967.21788	55968.68750	504378.4	5409448.6
L4380.0	504378.4	5409447.5	85128.60156	226.47	57.19	48.837986	-86.940332	55917.05	56276.7	-26.69	55890.36	55901.04688	55967.70722	55969.03516	504378.4	5409447.5
L4380.0	504378.4	5409446.0	85128.79688	227.34	56.82	48.837973	-86.940332	55919.53	56276.7	-26.68	55892.84	55903.17188	55968.26141	55969.44922	504378.4	5409446.0
L4380.0	504378.4	5409446.0	85128.89844	227.65	56.33	48.837973	-86.940332	55922.08	56276.7	-26.68	55895.40	55905.37500	55968.83866	55969.88672	504378.4	5409446.0
L4380.0	504378.4	5409443.9	85129.00000	227.01	56.33	48.837954	-86.940332	55924.54	56276.7	-26.68	55897.86	55907.48047	55969.44985	55970.35938	504378.4	5409443.9
L4380.0	504378.4	5409442.4	85129.10156	226.51	56.33	48.837941	-86.940332	55926.38	56276.7	-26.68	55899.70	55908.96484	55970.12852	55970.89453	504378.4	5409442.4
L4380.0	504378.4	5409441.0	85129.20313	225.54	56.22	48.837928	-86.940332	55930.25	56276.7	-26.68	55903.57	55912.48047	55970.69690	55971.32422	504378.4	5409441.0
L4380.0	504378.4	5409441.0	85129.29688	227.37	56	48.837928	-86.940332	55932.38	56276.7	-26.68	55905.70	55914.25781	55971.40521	55971.89453	504378.4	5409441.0
L4380.0	504378.4	5409439.6	85129.39844	226.39	56	48.837915	-86.940332	55934.50	56276.7	-26.68	55907.82	55916.02344	55972.13703	55972.48828	504378.4	5409439.6
L4380.0	504378.4	5409437.9	85129.50000	226.09	55.84	48.837900	-86.940332	55937.82	56276.7	-26.68	55911.14	55918.99219	55972.81061	55973.02344	504378.4	5409437.9
L4380.0	504378.4	5409436.7	85129.60156	226.39	55.84	48.837890	-86.940332	55940.83	56276.7	-26.68	55914.15	55921.65234	55973.52554	55973.60156	504378.4	5409436.7
L4380.0	504378.4	5409436.7	85129.70313	225.69	55.62	48.837890	-86.940332	55943.20	56276.7	-26.68	55916.52	55923.67578	55974.30276	55974.24219	504378.4	5409436.7
L4380.0	504378.4	5409435.0	85129.79688	224.50	55.39	48.837874	-86.940333	55946.14	56276.7	-26.68	55919.46	55926.26953	55975.06057	55974.86328	504378.4	5409435.0
L4380.0	504378.4	5409433.4	85129.89844	227.31	55.39	48.837860	-86.940333	55949.48	56276.7	-26.68	55922.80	55929.26563	55975.80927	55975.47656	504378.4	5409433.4
L4380.0	504378.4	5409433.4	85130.00000	228.39	55.39	48.837860	-86.940333	55951.40	56276.7	-26.68	55924.72	55930.84375	55976.66920	55976.20313	504378.4	5409433.4
L4380.0	504378.4	5409430.5	85130.10156	227.92	53.36	48.837834	-86.940333	55953.52	56276.7	-26.68	55926.85	55932.63281	55977.53071	55976.92969	504378.4	5409430.5
L4380.0	504378.4	5409430.5	85130.20313	228.25	54.32	48.837834	-86.940333	55956.08	56276.7	-26.67	55929.41	55934.85547	55978.37815	55977.64453	504378.4	5409430.5
L4380.0	504378.4	5409429.0	85130.29688	227.93	54.32	48.837821	-86.940333	55959.29	56276.7	-26.67	55932.63	55937.73828	55979.19527	55978.33203	504378.4	5409429.0
L4380.0	504378.4	5409429.0	85130.39844	227.37	55.6	48.837821	-86.940333	55962.30	56276.7	-26.66	55935.64	55940.41797	55980.03914	55979.04297	504378.4	5409429.0
L4380.0	504378.4	5409427.4	85130.50000	225.57	55.6	48.837805	-86.940333	55964.07	56276.7	-26.65	55937.42	55941.86719	55980.97686	55979.85156	504378.4	5409427.4
L4380.0	504378.4	5409425.7	85130.60156	225.95	55.57	48.837790	-86.940333	55967.21	56276.7	-26.65	55940.56	55944.68359	55981.83490	55980.58203	504378.4	5409425.7
L4380.0	504378.4	5409424.2	85130.60156	225.95	54.37	48.837777	-86.940333	55969.54	56276.7	-26.65	55942.89	55946.68750	55982.75709	55981.37891	504378.4	5409424.2
L4380.0	504378.4	5409422.6	85130.79688	224.94	54.37	48.837763	-86.940333	55971.82	56276.6	-26.64	55945.18	55948.66016	55983.69126	55982.18750	504378.4	5409422.6
L4380.0	504378.4	5409422.6	85130.89844	225.99	54.4	48.837763	-86.940333	55975.02	56276.6	-26.63	55948.39	55951.55469	55984.57263	55982.94141	504378.4	5409422.6
L4380.0	504378.4	5409420.9	85131.00000	224.75	54.4	48.837747	-86.940333	55976.72	56276.6	-26.63	55950.09	55952.94141	55985.56242	55983.80859	504378.4	5409420.9
L4380.0	504378.4	5409419.5	85131.10156	225.46	53.85	48.837734	-86.940333	55980.06	56276.6	-26.63	55953.43	55955.97266	55986.44989	55984.57422	504378.4	5409419.5
L4380.0	504378.4	5409417.9	85131.20313	225.36	53.06	48.837720	-86.940333	55981.27	56276.6	-26.63	55954.64	55956.87891	55987.48566	55985.48828	504378.4	5409417.9
L4380.0	504378.4	5409416.3	85131.29688	224.62	53.06	48.837706	-86.940333	55984.06	56276.6	-26.63	55957.43	55959.36719	55988.42171	55986.30859	504378.4	5409416.3
L4380.0	504378.4	5409416.3	85131.39844	224.46	49.69	48.837706	-86.940333	55986.94	56276.6	-26.63	55960.31	55961.95313	55989.35670	55987.12500	504378.4	5409416.3
L4380.0	504378.4	5409414.7	85131.50000	225.63	49.69	48.837691	-86.940333	55988.78	56276.6	-26.63	55962.15	55963.50000	55990.36532	55988.01563	504378.4	5409414.7
L4380.0	504378.4	5409414.7	85131.60156	225.80	50.34	48.837691	-86.940333	55989.90	56276.6	-26.63	55963.27	55964.33203	55991.42564	55988.96094	504378.4	5409414.7
L4380.0	504378.4	5409411.3	85131.70313	225.81	50.34	48.837661	-86.940333	55992.07	56276.6	-26.63	55965.44	55966.21875	55992.41906	55989.84375	504378.4	5409411.3
L4380.0	504378.4	5409409.9	85131.79688	225.90	55.21	48.837648	-86.940333	55994.86	56276.6	-26.63	55968.23	55968.73047	55993.37368	55990.68359	504378.4	5409409.9
L4380.0	504378.4	5409409.9	85131.89844	223.88	55.21	48.837648	-86.940333	55997.84	56276.6	-26.63	55971.21	55971.43750	55994.31764	55991.51953	504378.4	5409409.9
L4380.0	504378.4	5409408.7	85132.00000	225.07	56.64	48.837637	-86.940333	55999.74	56276.6	-26.63	55973.11	55973.07031	55995.33507	55992.42969	504378.4	5409408.7
L4380.0	504378.4	5409407.2	85132.10156	224.94	56.77	48.837624	-86.940333	56001.33	56276.6	-26.63	55974.71	55974.40625	55996.37350	55993.35938	504378.4	5409407.2
L4380.0	504378.4	5409407.2	85132.20313	223.52	56.77	48.837624	-86.940333	56003.58	56276.6	-26.62	55976.96	55976.39844	55997.36912	55994.25000	504378.4	5409407.2
L4380.0	504378.4	5409405.6	85132.29688	224.19	53.23	48.837609	-86.940333	56005.68	56276.6	-26.62	55979.06	55978.24609	55998.37480	55995.15234	504378.4	5409405.6
L4380.0	504378.4	5409403.9	85132.39844	223.86	53.23	48.837594	-86.940333	56007.20	56276.6	-26.62	55980.58	55979.51563	55999.41881	55996.09766	504378.4	5409403.9

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4380.0	504378.4	5409403.9	85132.50000	225.79	45.27	48.837594	-86.940333	56009.32	56276.6	-26.61	55982.71	55981.40625	56000.42138	55997.00000	504378.4	5409403.9
L4380.0	504378.4	5409402.5	85132.60156	226.08	45.27	48.837582	-86.940333	56011.25	56276.6	-26.61	55984.63	55983.08594	56001.43682	55997.91797	504378.4	5409402.5
L4380.0	504378.4	5409401.1	85132.60156	226.08	41.43	48.837569	-86.940333	56013.22	56276.6	-26.61	55986.61	55984.83594	56002.44675	55998.83203	504378.4	5409401.1
L4380.0	504378.4	5409399.4	85132.79688	225.62	41.43	48.837554	-86.940333	56015.42	56276.6	-26.61	55988.81	55986.80859	56003.44016	55999.73047	504378.4	5409399.4
L4380.0	504378.4	5409397.9	85132.89844	225.88	46.53	48.837541	-86.940333	56016.94	56276.6	-26.60	55990.34	55988.12109	56004.47607	56000.67188	504378.4	5409397.9
L4380.0	504378.4	5409397.9	85133.00000	224.26	53.72	48.837541	-86.940333	56019.32	56276.6	-26.60	55992.72	55990.28516	56005.45281	56001.55859	504378.4	5409397.9
L4380.0	504378.4	5409395.3	85133.10156	224.08	53.72	48.837517	-86.940333	56020.71	56276.6	-26.60	55994.11	55991.46484	56006.49279	56002.51172	504378.4	5409395.3
L4380.0	504378.4	5409395.3	85133.20313	225.06	57.71	48.837517	-86.940333	56022.45	56276.6	-26.59	55995.86	55993.01172	56007.50571	56003.43750	504378.4	5409395.3
L4380.0	504378.4	5409393.9	85133.29688	224.58	57.71	48.837505	-86.940333	56024.13	56276.6	-26.58	55997.54	55994.49609	56008.51998	56004.36719	504378.4	5409393.9
L4380.0	504378.4	5409393.9	85133.39844	223.95	58.13	48.837505	-86.940333	56025.52	56276.6	-26.58	55998.94	55995.70313	56009.54937	56005.31250	504378.4	5409393.9
L4380.0	504378.3	5409392.4	85133.50000	226.16	57.76	48.837491	-86.940333	56028.24	56276.6	-26.57	56001.67	55998.24609	56010.48631	56006.17188	504378.3	5409392.4
L4380.0	504378.3	5409390.8	85133.60156	224.84	57.76	48.837477	-86.940333	56028.86	56276.6	-26.57	56002.29	55998.68750	56011.55993	56007.16406	504378.3	5409390.8
L4380.0	504378.3	5409389.2	85133.70313	225.68	59.36	48.837462	-86.940333	56031.54	56276.6	-26.57	56004.97	56001.19141	56012.49202	56008.01953	504378.3	5409389.2
L4380.0	504378.3	5409388.0	85133.79688	227.22	59.36	48.837451	-86.940333	56031.94	56276.6	-26.56	56005.38	56001.43359	56013.57106	56009.02344	504378.3	5409388.0
L4380.0	504378.3	5409386.5	85133.89844	227.72	59.74	48.837438	-86.940333	56034.80	56276.6	-26.56	56008.24	56004.12891	56014.48222	56009.86328	504378.3	5409386.5
L4380.0	504378.3	5409386.5	85134.00000	228.69	59.74	48.837438	-86.940333	56035.38	56276.6	-26.55	56008.82	56004.55469	56015.54067	56010.85156	504378.3	5409386.5
L4380.0	504378.3	5409385.1	85134.10156	227.88	59.78	48.837425	-86.940334	56037.63	56276.6	-26.55	56011.08	56006.66016	56016.48225	56011.72266	504378.3	5409385.1
L4380.0	504378.3	5409383.2	85134.20313	227.27	58.93	48.837408	-86.940334	56038.92	56276.6	-26.55	56012.37	56007.80859	56017.48350	56012.65625	504378.3	5409383.2
L4380.0	504378.3	5409382.0	85134.29688	227.77	58.93	48.837398	-86.940334	56040.76	56276.6	-26.55	56014.21	56009.50781	56018.44296	56013.55078	504378.3	5409382.0
L4380.0	504378.3	5409382.0	85134.39844	227.44	58.19	48.837398	-86.940334	56042.26	56276.6	-26.55	56015.71	56010.87500	56019.41984	56014.46484	504378.3	5409382.0
L4380.0	504378.3	5409380.6	85134.50000	226.47	58.19	48.837385	-86.940334	56042.82	56276.6	-26.56	56016.26	56011.29688	56020.45470	56015.43750	504378.3	5409380.6
L4380.0	504378.3	5409379.0	85134.60156	226.24	57.22	48.837370	-86.940334	56045.39	56276.6	-26.56	56018.84	56013.75391	56021.34879	56016.27344	504378.3	5409379.0
L4380.0	504378.3	5409379.0	85134.60156	226.24	57.56	48.837370	-86.940334	56046.00	56276.6	-26.56	56019.44	56014.23828	56022.36934	56017.23828	504378.3	5409379.0
L4380.0	504378.3	5409375.9	85134.79688	225.24	57.56	48.837343	-86.940334	56047.70	56276.6	-26.56	56021.14	56015.82813	56023.31095	56018.12500	504378.3	5409375.9
L4380.0	504378.3	5409375.9	85134.89844	225.73	45.57	48.837343	-86.940334	56049.46	56276.6	-26.56	56022.91	56017.49219	56024.24220	56019.00000	504378.3	5409375.9
L4380.0	504378.3	5409374.3	85135.00000	225.71	45.57	48.837328	-86.940334	56050.81	56276.6	-26.56	56024.25	56018.73047	56025.19638	56019.90234	504378.3	5409374.3
L4380.0	504378.3	5409374.3	85135.10156	223.95	48.62	48.837328	-86.940334	56052.68	56276.6	-26.56	56026.12	56020.50781	56026.10941	56020.76563	504378.3	5409374.3
L4380.0	504378.3	5409371.2	85135.20313	224.96	48.62	48.837300	-86.940334	56054.25	56276.6	-26.56	56027.69	56021.98828	56027.03660	56021.64453	504378.3	5409371.2
L4380.0	504378.3	5409371.2	85135.29688	226.19	53.42	48.837300	-86.940334	56054.12	56276.6	-26.55	56027.57	56021.78516	56028.07056	56022.63281	504378.3	5409371.2
L4380.0	504378.3	5409369.7	85135.39844	225.83	53.42	48.837287	-86.940334	56056.30	56276.6	-26.55	56029.75	56023.89063	56028.94525	56023.46484	504378.3	5409369.7
L4380.0	504378.3	5409368.3	85135.50000	226.16	55.22	48.837274	-86.940334	56058.29	56276.6	-26.55	56031.74	56025.80469	56029.82665	56024.30469	504378.3	5409368.3
L4380.0	504378.3	5409368.3	85135.60156	224.79	55.22	48.837274	-86.940334	56057.99	56276.5	-26.55	56031.44	56025.43750	56030.85473	56025.29297	504378.3	5409368.3
L4380.0	504378.3	5409365.9	85135.70313	224.64	51.8	48.837253	-86.940334	56059.82	56276.5	-26.55	56033.27	56027.20703	56031.73480	56026.13281	504378.3	5409365.9
L4380.0	504378.3	5409365.9	85135.79688	223.04	52.28	48.837253	-86.940334	56060.98	56276.5	-26.54	56034.43	56028.30859	56032.65352	56027.01563	504378.3	5409365.9
L4380.0	504378.3	5409364.2	85135.89844	221.97	56.51	48.837238	-86.940334	56062.46	56276.5	-26.54	56035.92	56029.74609	56033.54419	56027.87109	504378.3	5409364.2
L4380.0	504378.3	5409363.0	85136.00000	222.75	56.51	48.837227	-86.940334	56063.89	56276.5	-26.54	56037.35	56031.12891	56034.43282	56028.72656	504378.3	5409363.0
L4380.0	504378.3	5409361.2	85136.10156	221.98	52.79	48.837210	-86.940334	56064.08	56276.5	-26.54	56037.54	56031.27734	56035.39807	56029.66016	504378.3	5409361.2
L4380.0	504378.3	5409361.2	85136.20313	221.73	52.79	48.837210	-86.940334	56065.43	56276.5	-26.54	56038.89	56032.58984	56036.27992	56030.51172	504378.3	5409361.2
L4380.0	504378.3	5409359.8	85136.29688	221.34	54.46	48.837197	-86.940334	56066.59	56276.5	-26.54	56040.05	56033.71875	56037.16838	56031.37109	504378.3	5409359.8
L4380.0	504378.4	5409358.1	85136.39844	223.52	54.46	48.837182	-86.940333	56067.96	56276.5	-26.54	56041.42	56035.05859	56038.03679	56032.21094	504378.4	5409358.1
L4380.0	504378.4	5409356.6	85136.50000	222.96	55.89	48.837169	-86.940333	56069.10	56276.5	-26.54	56042.56	56036.17188	56038.91447	56033.06250	504378.4	5409356.6
L4380.0	504378.4	5409356.6	85136.60156	221.88	55.89	48.837169	-86.940333	56070.34	56276.5	-26.54	56043.80	56037.39453	56039.77945	56033.90625	504378.4	5409356.6
L4380.0	504378.4	5409353.5	85136.60156	221.88	58.37	48.837142	-86.940333	56071.30	56276.5	-26.54	56044.76	56038.33594	56040.65706	56034.76172	504378.4	5409353.5
L4380.0	504378.4	5409353.5	85136.79688	221.66	58.86	48.837142	-86.940333	56073.18	56276.5	-26.54	56046.64	56040.20703	56041.46731	56035.55078	504378.4	5409353.5
L4380.0	504378.4	5409352.2	85136.89844	220.52	58.86	48.837129	-86.940333	56073.88	56276.5	-26.54	56047.33	56040.88672	56042.35087	56036.41406	504378.4	5409352.2
L4380.0	504378.5	5409351.0	85137.00000	220.73	58.95	48.837119	-86.940332	56075.14	56276.5	-26.54	56048.60	56042.15234	56043.18977	56037.23438	504378.5	5409351.0
L4380.0	504378.5	5409349.5	85137.10156	222.22	58.94	48.837105	-86.940332	56076.15	56276.5	-26.54	56049.61	56043.16406	56044.04003	56038.07031	504378.5	5409349.5
L4380.0	504378.5	5409348.0	85137.29688	221.52	56.58	48.837091	-86.940332	56077.80	56276.5	-26.53	56051.26	56044.81641	56044.84165	56038.85547	504378.5	5409348.0
L4380.0	504378.5	5409346.5	85137.39844	220.71	56.58	48.837078	-86.940332	56078.43	56276.5	-26.53	56051.89	56045.45313	56045.70534	56039.70703	504378.5	5409346.5
L4380.0	504378.5	5409344.8	85137.60156	222.48	49.88	48.837063	-86.940332	56081.29	56276.5	-26.53	56054.76	56048.33203	56046.41378	56040.40234	504378.5	5409344.8
L4380.0	504378.5	5409342.2	85137.70313	222.63	49.88	48.837039	-86.940332	56081.19	56276.5	-26.53	56054.66	56048.24609	56047.31435	56041.29297	504378.5	5409342.2
L4380.0	504378.5	5409342.2	85137.79688	224.85	49.88	48.837039	-86.940332	56082.73	56276.5	-26.52	56056.20	56049.80469	56048.09973	56042.06641	504378.5	5409342.2
L4380.0	504378.5	5409341.1	85137.89844	227.02	48.76	48.837029	-86.940332	56083.29	56276.5	-26.52	56056.76	56050.38281	56048.94464	56042.90234	504378.5	5409341.1
L4380.0	504378.5	5409339.6	85138.00000	226.80	55.92	48.837016	-86.940332	56084.83	56276.5	-26.52	56058.31	56051.95703	56049.71778	56043.66797	504378.5	5409339.6
L4380.0	504378.5	5409338.3	85138.10156	225.88	55.92	48.837004	-86.940332	56086.30	56276.5	-26.52	56059.78	56053.44922	56050.49053	56044.43359	504378.5	5409338.3
L4380.0	504378.5	5409336.3	85138.20313	226.57	50.36	48.836986	-86.940332	56086.12	56276.5	-26.51	56059.60	56053.29688	56051.36762	56045.30469	504378.5	5409336.3
L4380.0	504378.5	5409336.3	85138.29688	227.49	50.36	48.836986	-86.940332	56087.08	56276.5	-26.51	56060.57	56054.30078	56052.16242	56046.09766	504378.5	5409336.3
L4380.0	504378.5	5409335.0	85138.39844	225.83	52.39	48.836974	-86.940332	56087.79	56276.5	-26.51	56061.28	56055.04297	56052.96899	56046.89844	504378.5	5409335.0
L4380.0	504378.5	5409333.6	85138.50000	224.33	52.39	48.836962	-86.940332	56088.18	56276.5	-26.50	56061.67	56055.46484	56053.79141	56047.71875	504378.5	5409333.6
L4380.0	504378.5	5409333.6	85138.60156	224.36	54.28	48.836962	-86.940332	56090.06	56276.5	-26.50	56063.56	56057.39453	56054.50840	56048.43359	504378.5	5409333.6
L4380.0	504378.5	5409332.2	85138.60156	224.36	54.28	48.836949	-86.940332	56090.06	56276.5	-26.50	56063.56	56057.43359	56055.34603	56049.26953	504378.5	5409332.2
L4380.0	504378.5	5409330.5	85138.79688	223.76	55.82	48.836934	-86.940332	56092.20	56276.5	-26.50	56065.70	56059.61328	56056.03571	56049.96094	504378.5	5409330.5
L4380.0	504378.5	5409328.6	85138.89844	223.36	53.01	48.836917	-86.940332	56092.22	56276.5	-26.49	56065.73	56059.68750	56056.86086	56050.78516	504378.5	5409328.6
L4380.0	504378.5	5409328.6	85139.00000	222.94	53.01	48.836917	-86.940332	56093.27	56276.5	-26.49	56066.78	56060.78125	56057.61290	56051.53906	504378.5	5409328.6
L4380.0	504378.5	5409327.2	85139.10156	224.23	57.43	48.836904	-86.940332	56095.18	56276.5	-26.49	56068.69	56062.73438	56058.30256	56052.23438	504378.5	5409327.2
L4380.0	504378.5	5409325.9	85139.20313	224.58	57.43	48.836892	-86.940332	56093.88	56276.5	-26.50	56067.38	56061.47266	56059.20195	56053.13672	504378.5	5409325.9
L4380.0	504378.5	5409324.6	85139.29688	223.63	57.43	48.836881	-86.940332	56095.61	56276.5	-26.50	56069.10	56063.24219	56059.89448	56053.83203	504378.5	5409324.6
L4380.0	504378.5	5409324.6	85139.39844	223.48	54.63	48.836881	-86.940332	56096.56	56276.5	-26.51	56070.05	56064.24219	56060.63359	56054.57422	504378.5	5409324.6
L4380.0	504378.5	5409322.8	85139.50000	222.34	57.88	48.836865	-86.940332	56097.93	56276.5	-26.51	56071.42	56065.66016	56061.34003	56055.28516	504378.5	5409322.8
L4380.0	504378.5	5409321.6	85139.60156	221.46	57.88	48.836854	-86.940332	56098.11	56276.5	-26.52	56071.59	56065.88281	56062.12191	56056.07422	504378.5	5409321.6
L4380.0	504378.5	5409320.1	85139.70313	220.70	60.74	48.836841	-86.940332	56100.26	56276.5	-26.53	56073.73	56068.07422	56062.76799	56056.72656	504378.5	5409320.1
L4380.0	504378.5	5409318.5	85139.79688	221.23	60.74	48.836827	-86.940332	56099.42	56276.5	-26.53	56072.89	56067.28906	56063.60837	56057.57422	504378.5	5409318.5
L4380.0	504378.5	5409318.5	85139.89844	220.55	59.37	48.836827	-86.940332	56100.11	56276.5	-26.54	56073.57	56068.01953	56064.34315	56058.31250	504378.5	5409318.5
L4380.0	504378.5	5409317.1	85140.00000	222.22	52.18	48.836813	-86.940332	56101.93	56276.5	-26.54	56075.39	56069.89453	56064.99777	56058.97656	504378.5	5409317.1
L4380.0	504378.5	5409315.7	85140.10156	221.25	48.7	48.836801	-86.940332	56102.13	56276.5	-26.54	56075.59	56070.14844	56065.75633	56059.74219	504378.5	5409315.7
L4380.0	504378.5	5409314.2	85140.20313	221.78	48.7	48.836788	-86.940332	56101.58	56276.5	-26.54	56075.04	56069.65234	56066.56094	56060.55469	504378.5	5409314.2
L4380.0	504378.5	5409312.6	85140.29688	223.82	42.48	48.836773	-86.940332	56103.52	56276.5	-26.54	56076.98	56071.64453	56067.19569	56061.19922	504378.5	5409312.6
L4380.0	504378.5	5409311.6	85140.39844	224.04	42.83	48.836764	-86.940332	56103.83	56276.5	-26.54	56077.28	56072.00000	56067.93602	56061.94531	504378.5	5409311.6
L4380.0	504378.5	5409311.6	85140.50000	224.03	42.83	48.836764	-86.940332	56105.44	56276.5	-26.55	56078.90	56073.67578	56068.58471	56062.60156	504378.5	5409311.6
L4380.0	504378.5	5409310.2	85140.60156	223.32	42.34	48.836752	-86.940332	56105.77	56276.5	-26.55	56079.23	56074.05859	56069.31586	56063.34375	504378.5	5409310.2
L4380.0	504378.5	5409308.8	85140.60156	223.32	42.34	48.836739	-86.940332	56105.60	56276.5	-26.55	56079.05	56073.92969	56070.07756	56064.11328	504378.5	5409308.8
L4380.0	504378.5	5409307.1	85140.79688	221.77	46.23	48.836724	-86.940332	56107.45	56276.5	-26.55	56080.90	56075.83203	56070.70058	56064.74609	504378.5	5409307.1
L4380.0	504378.5	5409307.1	85140.89844	220.86	54.63	48.836724	-86.940332	56107.97	56276.5	-26.55	56081.42	56076.40625	56071.40903	56065.46484	504378.5	5409307.1
L4380.0	504378.5	5409305.0	85141.00000	220.80	54.63	48.836705	-86.940332	56109.26	56276.6	-26.55	56082.71	56077.74609	56072.06300	56066.12500	504378.5	5409305.0
L4380.0	504378.5	5409305.0	85141.10156	223.02	55.99	48.836705	-86.940332	56109.19	56276.5	-26.55	56082.64	56077.72656	56072.80459	56066.87891	504378.5	5409305.0
L4380.0	504378.5	5409302.4	85141.20313	225.41	55.99	48.836681	-86.940332	56111.06	56276.5	-26.55	56084.51	56079.64844	56073.41389	56067.49609	504378.5	5409302.4
L4380.0	504378.5	5409302.4	85141.29688	224.26	55.9	48.836681	-86.940332	56111.87	56276.5	-26.54	56085.33	56080.51563	56074.09034	56068.17969	504378.5	5409302.4
L4380.0	504378.5	5409300.9	85141.39844	225.79	55.9	48.836668	-86.940332	56112.56	56276.5	-26.54	56086.01	56081.24609	56074.77336	56068.87500	504378.5	5409300.9
L4380.0	504378.5	5409299.4	85141.50000	226.93	42.64	48.836654	-86.940332	56111.44	56276.5	-26.54	56084.90	56080.17969	56075.57304	56069.68359	504378.5	5409299.4
L4380.0	504378.5	5409298.2	85141.60156	225.21	42.64	48.836643	-86.940332	56113.03	56276.5	-26.54	56086.49	56081.81641	56076.19015	56070.30859	504378.5	5409298.2
L4380.0	504378.5	5409296.5	85141.70313	224.68	47.92	48.836628	-86.940332	56113.92	56276.5	-26.54	56087.39	56082.76172	56076.85077	56070.97656	504378.5	5409296.5
L4380.0	504378.5	5409296.5	85141.79688	225.18	48.44	48.836628	-86.940332	56115.73	56276.5	-26.53	56089.20	56084.61328	56077.44832	56071.58203	504378.5	5409296.5
L4380.0	504378.5	5409294.8	85141.89844	224.34	48.44	48.836613	-86.940332	56115.01	56276.5	-26.53	56088.48	56083.93359	56078.21222	56072.35547	504378.5	5409294.8

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4380.0	504378.5	5409293.1	85142.00000	225.29	51.85	48.836598	-86.940332	56115.06	56276.5	-26.53	56088.53	56084.02344	56078.92256	56073.07422	504378.5	5409293.1
L4380.0	504378.5	5409293.1	85142.10156	226.14	54.71	48.836598	-86.940332	56116.88	56276.5	-26.53	56090.35	56085.88281	56079.51276	56073.67188	504378.5	5409293.1
L4380.0	504378.5	5409291.7	85142.20313	226.39	54.71	48.836585	-86.940333	56116.55	56276.5	-26.53	56090.01	56085.58203	56080.24490	56074.41016	504378.5	5409291.7
L4380.0	504378.5	5409290.0	85142.29688	226.53	42.74	48.836570	-86.940333	56118.74	56276.5	-26.53	56092.21	56087.81641	56080.80572	56074.98047	504378.5	5409290.0
L4380.0	504378.4	5409288.6	85142.39844	225.58	42.74	48.836557	-86.940333	56119.41	56276.5	-26.53	56092.88	56088.51953	56081.46663	56075.64453	504378.4	5409288.6
L4380.0	504378.4	5409288.6	85142.50000	224.52	45.11	48.836557	-86.940333	56120.12	56276.5	-26.53	56093.58	56089.25000	56082.12371	56076.30859	504378.4	5409288.6
L4380.0	504378.4	5409286.9	85142.60156	225.89	47.35	48.836542	-86.940333	56120.94	56276.5	-26.54	56094.40	56090.10156	56082.77104	56076.96484	504378.4	5409286.9
L4380.0	504378.4	5409285.5	85142.60156	225.89	47.35	48.836529	-86.940334	56121.43	56276.5	-26.54	56094.90	56090.62891	56083.43801	56077.63672	504378.4	5409285.5
L4380.0	504378.4	5409285.5	85142.79688	226.26	53.04	48.836529	-86.940334	56121.96	56276.5	-26.54	56095.42	56091.17188	56084.10204	56078.30469	504378.4	5409285.5
L4380.0	504378.4	5409283.8	85142.89844	225.68	53.94	48.836514	-86.940334	56122.42	56276.5	-26.54	56095.88	56091.65625	56084.76851	56078.97656	504378.4	5409283.8
L4380.0	504378.4	5409282.4	85143.00000	225.62	53.84	48.836502	-86.940334	56123.33	56276.5	-26.54	56096.79	56092.58984	56085.40349	56079.61719	504378.4	5409282.4
L4380.0	504378.4	5409280.8	85143.10156	224.92	53.84	48.836487	-86.940334	56124.04	56276.5	-26.54	56097.50	56093.31641	56086.05039	56080.26563	504378.4	5409280.8
L4380.0	504378.4	5409279.6	85143.20313	226.03	53.84	48.836476	-86.940334	56124.08	56276.5	-26.55	56097.53	56093.36328	56086.74124	56080.96094	504378.4	5409279.6
L4380.0	504378.4	5409279.6	85143.29688	225.12	55.4	48.836476	-86.940334	56124.32	56276.5	-26.55	56097.77	56093.62109	56087.41679	56081.64063	504378.4	5409279.6
L4380.0	504378.4	5409277.9	85143.39844	225.32	55.29	48.836461	-86.940334	56125.76	56276.6	-26.55	56099.21	56095.07422	56088.01107	56082.23828	504378.4	5409277.9
L4380.0	504378.3	5409276.2	85143.50000	225.31	55.29	48.836446	-86.940335	56126.94	56276.6	-26.56	56100.38	56096.25391	56088.62215	56082.85156	504378.3	5409276.2
L4380.0	504378.4	5409274.6	85143.60156	227.44	53.91	48.836431	-86.940335	56126.57	56276.6	-26.56	56100.01	56095.89063	56089.33472	56083.56250	504378.4	5409274.6
L4380.0	504378.4	5409272.9	85143.70313	226.32	53.91	48.836416	-86.940335	56128.74	56276.6	-26.56	56102.18	56098.06641	56089.87685	56084.10938	504378.4	5409272.9
L4380.0	504378.4	5409272.9	85143.79688	225.69	55.15	48.836416	-86.940335	56129.81	56276.6	-26.56	56103.25	56099.14063	56090.49123	56084.72266	504378.4	5409272.9
L4380.0	504378.4	5409271.3	85143.89844	224.93	55.15	48.836401	-86.940335	56131.02	56276.6	-26.57	56104.45	56100.34375	56091.09591	56085.32813	504378.4	5409271.3
L4380.0	504378.4	5409271.3	85144.00000	223.41	54.81	48.836401	-86.940335	56131.57	56276.6	-26.57	56105.00	56100.89453	56091.74292	56085.97266	504378.4	5409271.3
L4380.0	504378.4	5409269.3	85144.10156	222.76	54.81	48.836384	-86.940334	56131.65	56276.6	-26.57	56105.08	56100.96875	56092.42030	56086.64844	504378.4	5409269.3
L4380.0	504378.4	5409267.9	85144.20313	223.12	50.37	48.836371	-86.940334	56132.63	56276.6	-26.57	56106.07	56101.95313	56093.03607	56087.26563	504378.4	5409267.9
L4380.0	504378.4	5409266.5	85144.29688	223.43	51.79	48.836358	-86.940334	56132.99	56276.6	-26.56	56106.43	56102.30469	56093.69294	56087.91797	504378.4	5409266.5
L4380.0	504378.4	5409264.8	85144.39844	223.77	51.79	48.836343	-86.940334	56133.72	56276.6	-26.56	56107.16	56103.02734	56094.32426	56088.54688	504378.4	5409264.8
L4380.0	504378.4	5409264.8	85144.50000	224.15	51.96	48.836343	-86.940334	56135.36	56276.6	-26.56	56108.80	56104.65234	56094.89407	56089.11328	504378.4	5409264.8
L4380.0	504378.4	5409263.1	85144.60156	224.84	51.96	48.836328	-86.940334	56136.21	56276.6	-26.56	56109.65	56105.48828	56095.51570	56089.73438	504378.4	5409263.1
L4380.0	504378.4	5409261.7	85144.60156	224.84	52.08	48.836315	-86.940334	56135.14	56276.6	-26.56	56108.59	56104.41016	56096.26386	56090.47656	504378.4	5409261.7
L4380.0	504378.4	5409261.7	85144.79688	224.88	51.46	48.836315	-86.940334	56136.30	56276.6	-26.55	56109.75	56105.55078	56096.86322	56091.07031	504378.4	5409261.7
L4380.0	504378.4	5409260.0	85144.89844	225.00	51.46	48.836300	-86.940334	56137.90	56276.6	-26.55	56111.35	56107.12891	56097.43247	56091.63672	504378.4	5409260.0
L4380.0	504378.4	5409258.3	85145.00000	226.81	51.32	48.836284	-86.940334	56139.11	56276.6	-26.55	56112.56	56108.31641	56098.02696	56092.22266	504378.4	5409258.3
L4380.0	504378.4	5409256.9	85145.10156	225.46	50.31	48.836272	-86.940334	56139.72	56276.6	-26.55	56113.17	56108.89844	56098.66069	56092.85156	504378.4	5409256.9
L4380.0	504378.4	5409255.7	85145.20313	224.96	50.31	48.836261	-86.940334	56140.07	56276.6	-26.55	56113.52	56109.21875	56099.31100	56093.49609	504378.4	5409255.7
L4380.0	504378.4	5409255.7	85145.29688	225.31	46.37	48.836261	-86.940334	56140.10	56276.6	-26.56	56113.54	56109.20703	56099.98258	56094.16016	504378.4	5409255.7
L4380.0	504378.4	5409254.3	85145.39844	226.83	47.45	48.836249	-86.940334	56140.76	56276.6	-26.56	56114.20	56109.83594	56100.61075	56094.78125	504378.4	5409254.3
L4380.0	504378.4	5409252.6	85145.50000	223.66	47.45	48.836234	-86.940334	56141.92	56276.6	-26.56	56115.36	56110.95703	56101.20485	56095.36719	504378.4	5409252.6
L4380.0	504378.4	5409251.0	85145.60156	225.07	49.43	48.836219	-86.940334	56143.57	56276.6	-26.56	56117.00	56112.56250	56101.76621	56095.91797	504378.4	5409251.0
L4380.0	504378.4	5409251.0	85145.70313	225.52	46.05	48.836219	-86.940334	56144.82	56276.6	-26.56	56118.26	56113.78125	56102.35217	56096.49609	504378.4	5409251.0
L4380.0	504378.4	5409249.5	85145.79688	224.93	46.05	48.836205	-86.940334	56145.14	56276.6	-26.57	56118.58	56114.05859	56103.00004	56097.13281	504378.4	5409249.5
L4380.0	504378.4	5409248.1	85145.89844	224.07	48.91	48.836193	-86.940334	56146.52	56276.6	-26.57	56119.95	56115.38281	56103.57716	56097.69922	504378.4	5409248.1
L4380.0	504378.4	5409246.4	85146.00000	223.13	48.91	48.836178	-86.940334	56145.89	56276.6	-26.57	56119.32	56114.70703	56104.28685	56098.39844	504378.4	5409246.4
L4380.0	504378.4	5409246.4	85146.10156	223.87	45.84	48.836178	-86.940334	56147.59	56276.6	-26.57	56121.02	56116.35938	56104.84043	56098.94141	504378.4	5409246.4
L4380.0	504378.4	5409245.2	85146.20313	225.68	36.18	48.836167	-86.940334	56148.47	56276.6	-26.58	56121.89	56117.17969	56105.44854	56099.53906	504378.4	5409245.2
L4380.0	504378.4	5409243.8	85146.29688	224.33	39.97	48.836154	-86.940334	56149.42	56276.6	-26.58	56122.84	56118.07813	56106.05051	56100.12891	504378.4	5409243.8
L4380.0	504378.4	5409242.1	85146.39844	225.81	39.97	48.836139	-86.940334	56149.94	56276.6	-26.58	56123.36	56118.54297	56106.68032	56100.74609	504378.4	5409242.1
L4380.0	504378.4	5409242.1	85146.50000	227.13	39.97	48.836139	-86.940334	56150.79	56276.6	-26.58	56124.21	56119.33594	56107.28726	56101.33984	504378.4	5409242.1
L4380.0	504378.4	5409240.2	85146.60156	225.50	44.24	48.836122	-86.940334	56151.68	56276.6	-26.59	56125.10	56120.16797	56107.89066	56101.93359	504378.4	5409240.2
L4380.0	504378.4	5409238.8	85146.60156	225.50	43.14	48.836110	-86.940334	56152.52	56276.6	-26.59	56125.94	56120.94922	56108.49649	56102.52344	504378.4	5409238.8
L4380.0	504378.4	5409237.2	85146.79688	226.40	43.14	48.836095	-86.940334	56153.35	56276.6	-26.59	56126.75	56121.69922	56109.10338	56103.11719	504378.4	5409237.2
L4380.0	504378.4	5409237.2	85146.89844	225.84	39.25	48.836095	-86.940334	56154.29	56276.6	-26.60	56127.69	56122.57813	56109.70063	56103.70313	504378.4	5409237.2
L4380.0	504378.4	5409235.5	85147.00000	223.70	39.25	48.836080	-86.940334	56154.70	56276.6	-26.60	56128.10	56122.92188	56110.33220	56104.32031	504378.4	5409235.5
L4380.0	504378.5	5409233.7	85147.10156	223.69	42.38	48.836063	-86.940333	56155.72	56276.6	-26.60	56129.12	56123.87500	56110.92207	56104.89453	504378.5	5409233.7
L4380.0	504378.5	5409233.7	85147.20313	222.64	42.38	48.836063	-86.940333	56156.60	56276.6	-26.60	56130.00	56124.68750	56111.52017	56105.48047	504378.5	5409233.7
L4380.0	504378.5	5409232.3	85147.29688	222.27	38.93	48.836050	-86.940333	56156.92	56276.6	-26.60	56130.31	56124.92969	56112.15514	56106.09766	504378.5	5409232.3
L4380.0	504378.5	5409230.9	85147.39844	220.80	40.37	48.836038	-86.940333	56158.56	56276.6	-26.60	56131.96	56126.50781	56112.69959	56106.62891	504378.5	5409230.9
L4380.0	504378.5	5409229.5	85147.60156	221.45	35.83	48.836026	-86.940332	56159.06	56276.6	-26.61	56132.46	56126.93750	56113.31947	56107.23438	504378.5	5409229.5
L4380.0	504378.6	5409227.9	85147.70313	220.63	35.83	48.836011	-86.940332	56160.16	56276.6	-26.61	56133.55	56127.95703	56113.89872	56107.79688	504378.6	5409227.9
L4380.0	504378.6	5409226.5	85147.79688	221.54	34.04	48.835998	-86.940332	56161.11	56276.6	-26.61	56134.50	56128.83203	56114.48595	56108.37109	504378.6	5409226.5
L4380.0	504378.6	5409225.1	85147.89844	223.13	34.04	48.835986	-86.940332	56162.01	56276.6	-26.61	56135.40	56129.65625	56115.07508	56108.94531	504378.6	5409225.1
L4380.0	504378.6	5409225.1	85148.00000	223.86	31.4	48.835986	-86.940332	56163.89	56276.6	-26.61	56137.28	56131.46094	56115.59738	56109.45313	504378.6	5409225.1
L4380.0	504378.6	5409223.4	85148.10156	224.43	31.4	48.835971	-86.940331	56163.17	56276.6	-26.61	56136.56	56130.66406	56116.29145	56110.12891	504378.6	5409223.4
L4380.0	504378.6	5409222.0	85148.20313	224.83	41.08	48.835958	-86.940331	56164.69	56276.6	-26.62	56138.07	56132.09766	56116.83519	56110.66016	504378.6	5409222.0
L4380.0	504378.6	5409220.7	85148.29688	222.85	41.8	48.835946	-86.940331	56164.78	56276.6	-26.62	56138.16	56132.10938	56117.47185	56111.28125	504378.6	5409220.7
L4380.0	504378.6	5409220.7	85148.39844	224.03	41.8	48.835946	-86.940331	56165.37	56276.6	-26.62	56138.74	56132.60938	56118.07401	56111.86719	504378.6	5409220.7
L4380.0	504378.7	5409218.8	85148.50000	224.69	44.44	48.835929	-86.940331	56166.94	56276.6	-26.63	56140.31	56134.09766	56118.60822	56112.38672	504378.7	5409218.8
L4380.0	504378.7	5409217.2	85148.60156	225.77	44.44	48.835915	-86.940331	56168.07	56276.6	-26.63	56141.45	56135.15625	56119.16905	56112.93359	504378.7	5409217.2
L4380.0	504378.7	5409215.8	85148.60156	225.77	41	48.835902	-86.940331	56168.56	56276.6	-26.63	56141.93	56135.55859	56119.77172	56113.51953	504378.7	5409215.8
L4380.0	504378.7	5409215.8	85148.79688	225.91	37.75	48.835902	-86.940331	56169.57	56276.6	-26.63	56142.94	56136.48438	56120.33677	56114.07031	504378.7	5409215.8
L4380.0	504378.7	5409214.2	85148.89844	223.21	37.75	48.835888	-86.940331	56171.04	56276.6	-26.64	56144.40	56137.86328	56120.86939	56114.58984	504378.7	5409214.2
L4380.0	504378.7	5409212.5	85149.00000	223.83	30.72	48.835873	-86.940331	56170.73	56276.6	-26.64	56144.09	56137.47266	56121.51746	56115.22266	504378.7	5409212.5
L4380.0	504378.7	5409211.1	85149.10156	223.97	30.72	48.835860	-86.940331	56172.53	56276.6	-26.64	56145.89	56139.18750	56122.02216	56115.71484	504378.7	5409211.1
L4380.0	504378.7	5409211.1	85149.20313	223.54	33.96	48.835860	-86.940331	56174.47	56276.6	-26.65	56147.83	56141.04688	56122.51465	56116.19141	504378.7	5409211.1
L4380.0	504378.7	5409209.4	85149.29688	224.82	33.96	48.835845	-86.940331	56175.02	56276.6	-26.65	56148.37	56141.50391	56123.09746	56116.76172	504378.7	5409209.4
L4380.0	504378.6	5409207.8	85149.39844	223.71	42.58	48.835830	-86.940331	56175.79	56276.7	-26.65	56149.14	56142.19141	56123.66172	56117.31250	504378.6	5409207.8
L4380.0	504378.6	5409207.8	85149.50000	221.86	41.71	48.835830	-86.940331	56175.29	56276.7	-26.65	56148.63	56141.59766	56124.30794	56117.94531	504378.6	5409207.8
L4380.0	504378.6	5409206.3	85149.60156	222.30	41.71	48.835817	-86.940331	56177.28	56276.7	-26.66	56150.62	56143.50781	56124.78390	56118.41016	504378.6	5409206.3
L4380.0	504378.6	5409204.9	85149.70313	222.62	40.97	48.835804	-86.940332	56178.74	56276.7	-26.66	56152.08	56144.88672	56125.29142	56118.90625	504378.6	5409204.9
L4380.0	504378.6	5409203.5	85149.79688	220.61	40.46	48.835792	-86.940332	56179.48	56276.7	-26.66	56152.81	56145.53516	56125.84361	56119.44531	504378.6	5409203.5
L4380.0	504378.6	5409202.3	85149.89844	220.94	40.46	48.835780	-86.940332	56180.37	56276.7	-26.67	56153.70	56146.34375	56126.38093	56119.97266	504378.6	5409202.3
L4380.0	504378.6	5409200.6	85150.00000	222.56	42.77	48.835766	-86.940332	56181.18	56276.7	-26.67	56154.51	56147.07031	56126.91913	56120.50000	504378.6	5409200.6
L4380.0	504378.6	5409199.1	85150.10156	221.80	42.77	48.835752	-86.940332	56182.57	56276.7	-26.67	56155.90	56148.38281	56127.41398	56120.98438	504378.6	5409199.1
L4380.0	504378.6	5409199.1	85150.20313	221.98	42.87	48.835752	-86.940332	56184.06	56276.7	-26.66	56157.39	56149.79297	56127.89723	56121.46094	504378.6	5409199.1
L4380.0	504378.6	5409197.3	85150.29688	223.46	42.87	48.835735	-86.940332	56184.93	56276.7	-26.66	56158.26	56150.58203	56128.41663	56121.96875	504378.6	5409197.3
L4380.0	504378.6	5409195.8	85150.39844	223.36	42.81	48.835722	-86.940332	56185.98	56276.7	-26.66	56159.32	56151.56641	56128.91792	56122.46094	504378.6	5409195.8
L4380.0	504378.6	5409195.8	85150.50000	223.92	42.81	48.835722	-86.940332	56187.37	56276.7	-26.65	56160.71	56152.87891	56129.39148	56122.92969	504378.6	5409195.8
L4380.0	504378.6	5409194.1	85150.60156	223.98	42.22	48.835707	-86.940332	56187.80	56276.7	-26.65	56161.15	56153.24219	56129.92239	56123.45313	504378.6	5409194.1
L4380.0	504378.6	5409192.7	85150.60156	223.98	42.44	48.835694	-86.940332	56188.42	56276.7	-26.65	56161.77	56153.78906	56130.43501	56123.96094	504378.6	5409192.7
L4380.0	504378.6	5409192.7	85150.79688	224.94	41.48	48.835694	-86.940332	56190.36	56276.6	-26.65	56163.71	56155.65234	56130.85307	56124.37109	504378.6	5409192.7
L4380.0	504378.6	5409191.2	85150.89844	225.04	41.61	48.835681	-86.940332	56190.81	56276.6	-26.64	56164.17	56156.04297	56131.36293	56124.87500	504378.6	5409191.2
L4380.0	504378.6	5409190.1	85151.00000	224.94	41.61	48.835671	-86.940332	56192.39	56276.6	-26.64	56165.75	56157.55078	56131.79097	56125.30078	504378.6	5409190.1
L4380.0	504378.6	5409188.4	85151.10156	225.65	41.61	48.835656	-86.940332	56193.67	56276.6	-26.64	56167.02	56158.75000	56132.23223	56125.73828	504378.6	5409188.4
L4380.0	504378.6	5409186.8	85151.20313	222.74	39.48	48.835641	-86.940332	56194.89	56276.7	-26.65	56168.24	56159.90234	56132.66908	56126.17188	504378.6	5409186.8
L4380.0	504378.6	5409185.6	85151.29688	221.96	38.9	48.835630	-86.940332	56195.17	56276.7	-26.65	56168.51	56160.10547	56133.16121	56126.66406	504378.6	5409185.6

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4380.0	504378.6	5409182.3	85151.60156	221.27	39.16	48.835601	-86.940332	56198.04	56276.7	-26.67	56171.37	56162.89844	56133.47233	56126.97656	504378.6	5409182.3
L4380.0	504378.7	5409180.9	85151.70313	221.52	40.37	48.835588	-86.940331	56199.63	56276.7	-26.68	56172.95	56164.41406	56133.86014	56127.36328	504378.7	5409180.9
L4380.0	504378.7	5409180.9	85151.79688	222.09	40.57	48.835588	-86.940331	56201.41	56276.7	-26.68	56174.73	56166.13281	56134.22570	56127.73047	504378.7	5409180.9
L4380.0	504378.7	5409179.5	85151.89844	223.34	40.57	48.835576	-86.940331	56202.07	56276.7	-26.69	56175.38	56166.72266	56134.65738	56128.16406	504378.7	5409179.5
L4380.0	504378.7	5409178.0	85152.00000	225.18	40.02	48.835563	-86.940331	56202.43	56276.7	-26.69	56175.74	56167.02734	56135.09890	56128.60938	504378.7	5409178.0
L4380.0	504378.7	5409176.6	85152.10156	225.37	37.01	48.835549	-86.940331	56203.61	56276.7	-26.69	56176.91	56168.14063	56135.47665	56128.99219	504378.7	5409176.6
L4380.0	504378.7	5409176.6	85152.20313	225.95	37.01	48.835549	-86.940331	56204.43	56276.7	-26.69	56177.74	56168.91406	56135.86705	56129.38672	504378.7	5409176.6
L4380.0	504378.7	5409175.0	85152.29688	227.01	30.76	48.835535	-86.940331	56205.20	56276.7	-26.69	56178.51	56169.63281	56136.25117	56129.77734	504378.7	5409175.0
L4380.0	504378.6	5409173.5	85152.39844	226.15	30.76	48.835522	-86.940332	56206.32	56276.7	-26.69	56179.63	56170.70313	56136.60142	56130.13672	504378.6	5409173.5
L4380.0	504378.6	5409172.4	85152.50000	228.08	32.58	48.835511	-86.940332	56207.15	56276.7	-26.69	56180.45	56171.47656	56136.96091	56130.50391	504378.6	5409172.4
L4380.0	504378.6	5409170.9	85152.60156	226.69	32.58	48.835498	-86.940332	56207.21	56276.7	-26.70	56180.52	56171.50000	56137.35942	56130.91016	504378.6	5409170.9
L4380.0	504378.6	5409170.0	85152.60156	226.69	30.56	48.835490	-86.940332	56207.91	56276.7	-26.70	56181.21	56172.14844	56137.70540	56131.26953	504378.6	5409170.0
L4380.0	504378.6	5409168.8	85152.79688	226.88	30.56	48.835480	-86.940332	56208.72	56276.7	-26.70	56182.03	56172.92578	56138.03132	56131.60547	504378.6	5409168.8
L4380.0	504378.6	5409167.1	85152.89844	224.32	33.64	48.835464	-86.940333	56209.76	56276.7	-26.70	56183.06	56173.91797	56138.33165	56131.91797	504378.6	5409167.1
L4380.0	504378.6	5409166.0	85153.00000	224.55	33.64	48.835454	-86.940333	56210.62	56276.7	-26.70	56183.92	56174.74219	56138.63156	56132.23438	504378.6	5409166.0
L4380.0	504378.6	5409166.0	85153.10156	225.15	37.32	48.835454	-86.940333	56210.97	56276.7	-26.70	56184.27	56175.06250	56138.95354	56132.57031	504378.6	5409166.0
L4380.0	504378.5	5409164.1	85153.20313	224.78	37.32	48.835437	-86.940333	56211.66	56276.7	-26.71	56184.95	56175.71094	56139.24146	56132.87891	504378.5	5409164.1
L4380.0	504378.5	5409164.1	85153.29688	224.10	36.24	48.835437	-86.940333	56211.98	56276.7	-26.71	56185.28	56176.01563	56139.54051	56133.19531	504378.5	5409164.1
L4380.0	504378.5	5409162.6	85153.39844	223.90	36.24	48.835424	-86.940334	56212.60	56276.7	-26.71	56185.89	56176.60156	56139.80856	56133.48047	504378.5	5409162.6
L4380.0	504378.5	5409161.5	85153.50000	223.11	34.84	48.835413	-86.940334	56213.07	56276.7	-26.71	56186.35	56177.03906	56140.07417	56133.76953	504378.5	5409161.5
L4380.0	504378.5	5409159.9	85153.60156	223.92	36.14	48.835400	-86.940334	56213.70	56276.7	-26.72	56186.99	56177.66016	56140.31525	56134.03125	504378.5	5409159.9
L4380.0	504378.4	5409158.2	85153.70313	225.40	36.14	48.835384	-86.940335	56213.72	56276.7	-26.72	56187.00	56177.65625	56140.58570	56134.32422	504378.4	5409158.2
L4380.0	504378.4	5409156.5	85153.79688	225.71	35.63	48.835369	-86.940335	56213.98	56276.7	-26.72	56187.26	56177.90234	56140.82679	56134.59375	504378.4	5409156.5
L4380.0	504378.4	5409156.5	85153.89844	226.97	35.63	48.835369	-86.940335	56214.92	56276.7	-26.73	56188.19	56178.82422	56141.01045	56134.80078	504378.4	5409156.5
L4380.0	504378.4	5409155.1	85154.00000	226.40	34.33	48.835357	-86.940335	56215.49	56276.7	-26.73	56188.76	56179.38672	56141.20530	56135.02344	504378.4	5409155.1
L4380.0	504378.4	5409153.7	85154.10156	223.58	34.33	48.835344	-86.940336	56215.82	56276.7	-26.73	56189.09	56179.71484	56141.40329	56135.25000	504378.4	5409153.7
L4380.0	504378.4	5409152.4	85154.20313	225.03	30.82	48.835332	-86.940336	56215.24	56276.7	-26.73	56188.51	56179.13672	56141.64908	56135.52734	504378.4	5409152.4
L4380.0	504378.3	5409151.1	85154.29688	224.11	30.82	48.835320	-86.940336	56215.05	56276.7	-26.73	56188.32	56178.94922	56141.85596	56135.76563	504378.3	5409151.1
L4380.0	504378.3	5409151.1	85154.39844	220.65	33.7	48.835320	-86.940336	56215.88	56276.7	-26.73	56189.14	56179.77734	56141.98259	56135.92578	504378.3	5409151.1
L4380.0	504378.3	5409149.4	85154.50000	220.33	34.18	48.835305	-86.940336	56216.24	56276.7	-26.73	56189.51	56180.15625	56142.12631	56136.10547	504378.3	5409149.4
L4380.0	504378.3	5409148.0	85154.60156	220.91	34.18	48.835293	-86.940336	56216.03	56276.7	-26.73	56189.30	56179.96094	56142.29579	56136.31250	504378.3	5409148.0
L4380.0	504378.3	5409146.3	85154.60156	220.91	35.48	48.835277	-86.940336	56215.68	56276.7	-26.73	56188.95	56179.62891	56142.46172	56136.51563	504378.3	5409146.3
L4380.0	504378.3	5409145.0	85154.79688	224.57	35.48	48.835265	-86.940337	56216.18	56276.7	-26.73	56189.45	56180.14844	56142.55811	56136.65234	504378.3	5409145.0
L4380.0	504378.3	5409145.0	85154.89844	223.95	34.5	48.835265	-86.940337	56216.16	56276.7	-26.73	56189.43	56180.15234	56142.67633	56136.80859	504378.3	5409145.0
L4380.0	504378.3	5409143.6	85155.00000	223.04	36.53	48.835252	-86.940337	56216.42	56276.7	-26.73	56189.69	56180.44141	56142.76308	56136.93750	504378.3	5409143.6
L4380.0	504378.3	5409142.4	85155.10156	221.85	38.49	48.835242	-86.940337	56216.69	56276.7	-26.73	56189.96	56180.74219	56142.83641	56137.05469	504378.3	5409142.4
L4380.0	504378.3	5409142.4	85155.20313	221.93	38.49	48.835242	-86.940337	56216.62	56276.7	-26.73	56189.89	56180.70703	56142.91970	56137.18359	504378.3	5409142.4
L4380.0	504378.3	5409140.5	85155.29688	220.39	38.49	48.835225	-86.940336	56215.91	56276.7	-26.73	56189.18	56180.03906	56143.03301	56137.34375	504378.3	5409140.5
L4380.0	504378.3	5409139.3	85155.39844	222.09	38.37	48.835215	-86.940336	56216.41	56276.7	-26.73	56189.68	56180.58203	56143.05305	56137.41406	504378.3	5409139.3
L4380.0	504378.3	5409138.2	85155.50000	221.15	37.48	48.835204	-86.940336	56216.94	56276.7	-26.73	56190.21	56181.15625	56143.05856	56137.46875	504378.3	5409138.2
L4380.0	504378.4	5409136.2	85155.60156	220.52	37.48	48.835187	-86.940336	56216.76	56276.7	-26.73	56190.03	56181.02734	56143.09894	56137.56250	504378.4	5409136.2
L4380.0	504378.4	5409136.2	85155.70313	222.26	38.97	48.835187	-86.940336	56216.62	56276.7	-26.73	56189.89	56180.94141	56143.12426	56137.64063	504378.4	5409136.2
L4380.0	504378.4	5409134.6	85155.79688	222.02	37.86	48.835172	-86.940336	56215.86	56276.7	-26.73	56189.13	56180.24219	56143.17860	56137.75000	504378.4	5409134.6
L4380.0	504378.4	5409133.0	85155.89844	222.87	37.86	48.835157	-86.940336	56215.54	56276.7	-26.73	56188.81	56179.98438	56143.19136	56137.81641	504378.4	5409133.0
L4380.0	504378.4	5409133.0	85156.00000	222.92	38.52	48.835157	-86.940336	56215.39	56276.7	-26.73	56188.66	56179.89844	56143.18062	56137.86719	504378.4	5409133.0
L4380.0	504378.4	5409131.3	85156.10156	221.65	31.24	48.835142	-86.940335	56215.41	56276.7	-26.73	56188.67	56179.98047	56143.14713	56137.89063	504378.4	5409131.3
L4380.0	504378.4	5409130.1	85156.20313	222.69	31.24	48.835131	-86.940335	56214.77	56276.7	-26.73	56188.04	56179.42188	56143.14430	56137.94922	504378.4	5409130.1
L4380.0	504378.4	5409128.4	85156.29688	223.87	34.91	48.835116	-86.940335	56214.98	56276.7	-26.74	56188.24	56179.70313	56143.07422	56137.94141	504378.4	5409128.4
L4380.0	504378.4	5409127.0	85156.39844	222.09	35.56	48.835104	-86.940335	56214.77	56276.7	-26.74	56188.03	56179.57422	56143.01963	56137.95313	504378.4	5409127.0
L4380.0	504378.4	5409127.0	85156.50000	224.93	35.56	48.835104	-86.940335	56214.21	56276.7	-26.74	56187.47	56179.09766	56142.97661	56137.97266	504378.4	5409127.0
L4380.0	504378.4	5409125.5	85156.60156	225.13	37.29	48.835090	-86.940335	56214.52	56276.7	-26.74	56187.78	56179.50000	56142.86393	56137.92969	504378.4	5409125.5
L4380.0	504378.4	5409124.1	85156.60156	225.13	39.74	48.835078	-86.940335	56214.34	56276.7	-26.74	56187.60	56179.41406	56142.77231	56137.90625	504378.4	5409124.1
L4380.0	504378.4	5409122.5	85156.79688	223.30	39.74	48.835063	-86.940335	56213.93	56276.7	-26.75	56187.18	56179.08984	56142.68519	56137.88672	504378.4	5409122.5
L4380.0	504378.4	5409121.6	85156.89844	224.65	37.34	48.835055	-86.940335	56213.59	56276.7	-26.75	56186.84	56178.85156	56142.58130	56137.85547	504378.4	5409121.6
L4380.0	504378.4	5409120.4	85157.00000	224.74	37.34	48.835044	-86.940335	56213.98	56276.8	-26.75	56187.23	56179.34766	56142.41740	56137.76563	504378.4	5409120.4
L4380.0	504378.4	5409119.0	85157.10156	224.57	37.84	48.835031	-86.940336	56213.07	56276.8	-26.75	56186.31	56178.53906	56142.32955	56137.75391	504378.4	5409119.0
L4380.0	504378.4	5409117.0	85157.20313	224.40	37.84	48.835013	-86.940336	56213.11	56276.8	-26.76	56186.35	56178.69141	56142.16651	56137.66797	504378.4	5409117.0
L4380.0	504378.4	5409117.0	85157.29688	221.40	42.62	48.835013	-86.940336	56212.38	56276.8	-26.76	56185.62	56178.08203	56142.04367	56137.62109	504378.4	5409117.0
L4380.0	504378.4	5409115.3	85157.39844	222.10	42.62	48.834999	-86.940336	56211.66	56276.8	-26.77	56184.89	56177.47266	56141.90978	56137.56641	504378.4	5409115.3
L4380.0	504378.4	5409114.1	85157.50000	220.52	44.43	48.834987	-86.940336	56212.45	56276.8	-26.77	56185.68	56178.39063	56141.66356	56137.40234	504378.4	5409114.1
L4380.0	504378.3	5409112.6	85157.60156	220.72	44.43	48.834974	-86.940336	56211.66	56276.8	-26.77	56184.89	56177.73047	56141.51176	56137.33203	504378.3	5409112.6
L4380.0	504378.3	5409111.0	85157.70313	220.78	41.78	48.834960	-86.940337	56211.23	56276.8	-26.78	56184.45	56177.42188	56141.32576	56137.23047	504378.3	5409111.0
L4380.0	504378.3	5409111.0	85157.79688	220.76	42.9	48.834960	-86.940337	56211.15	56276.8	-26.78	56184.37	56177.48047	56141.10495	56137.09375	504378.3	5409111.0
L4380.0	504378.3	5409109.6	85157.89844	222.63	42.9	48.834947	-86.940337	56210.43	56276.8	-26.79	56183.64	56176.89453	56140.91672	56136.99219	504378.3	5409109.6
L4380.0	504378.3	5409109.6	85158.00000	220.63	44.11	48.834947	-86.940337	56209.55	56276.8	-26.79	56182.76	56176.16016	56140.72778	56136.89063	504378.3	5409109.6
L4380.0	504378.3	5409104.4	85158.29688	222.53	44.49	48.834900	-86.940337	56209.51	56276.8	-26.79	56182.72	56176.26953	56140.47218	56136.72656	504378.3	5409104.4
L4380.0	504378.3	5409103.0	85158.39844	222.37	44.49	48.834888	-86.940337	56209.47	56276.8	-26.79	56182.68	56176.38281	56140.20595	56136.55078	504378.3	5409103.0
L4380.0	504378.3	5409101.8	85158.50000	222.25	32.33	48.834877	-86.940337	56208.85	56276.8	-26.79	56182.06	56175.92188	56139.96780	56136.40625	504378.3	5409101.8
L4380.0	504378.3	5409101.8	85158.60156	221.30	32.33	48.834877	-86.940337	56208.44	56276.8	-26.80	56181.64	56175.66406	56139.70573	56136.23828	504378.3	5409101.8
L4380.0	504378.3	5409100.4	85158.60156	221.30	44.48	48.834864	-86.940337	56208.29	56276.8	-26.80	56181.49	56175.67969	56139.41510	56136.04297	504378.3	5409100.4
L4380.0	504378.3	5409097.3	85159.00000	221.16	42.92	48.834836	-86.940337	56206.32	56276.8	-26.80	56179.52	56173.87891	56139.23527	56135.95703	504378.3	5409097.3
L4380.0	504378.3	5409095.8	85159.10156	223.30	42.92	48.834823	-86.940337	56206.12	56276.8	-26.80	56179.32	56173.85156	56138.92688	56135.75000	504378.3	5409095.8
L4380.0	504378.3	5409094.2	85159.20313	223.59	42.92	48.834809	-86.940337	56205.96	56276.8	-26.80	56179.16	56173.86719	56138.60528	56135.52734	504378.3	5409094.2
L4380.0	504378.3	5409094.2	85159.29688	223.49	44.06	48.834809	-86.940337	56205.82	56276.8	-26.80	56179.02	56173.91016	56138.27177	56135.29297	504378.3	5409094.2
L4380.0	504378.3	5409092.7	85159.39844	225.63	43.4	48.834795	-86.940337	56204.85	56276.8	-26.80	56178.05	56173.12500	56137.98300	56135.10547	504378.3	5409092.7
L4380.0	504378.3	5409091.3	85159.50000	225.68	43.4	48.834782	-86.940337	56205.66	56276.8	-26.80	56178.86	56174.12109	56137.56493	56134.78906	504378.3	5409091.3
L4380.0	504378.3	5409089.6	85159.60156	227.58	44.58	48.834767	-86.940337	56204.48	56276.8	-26.80	56177.68	56173.13281	56137.26886	56134.59766	504378.3	5409089.6
L4380.0	504378.3	5409088.0	85159.70313	229.44	44.58	48.834752	-86.940337	56204.62	56276.8	-26.80	56177.82	56173.46875	56136.87407	56134.30859	504378.3	5409088.0
L4380.0	504378.3	5409086.3	85159.79688	229.46	44.85	48.834738	-86.940337	56202.63	56276.8	-26.80	56175.82	56171.66797	56136.61116	56134.15234	504378.3	5409086.3
L4380.0	504378.3	5409086.3	85159.89844	227.36	44.85	48.834738	-86.940337	56203.62	56276.8	-26.80	56176.82	56172.87109	56136.13739	56133.78906	504378.3	5409086.3
L4380.0	504378.3	5409086.3	85160.00000	227.05	44.7	48.834738	-86.940337	56203.14	56276.8	-26.80	56176.34	56172.59766	56135.75134	56133.51172	504378.3	5409086.3
L4380.0	504378.3	5409084.2	85160.10156	226.57	44.59	48.834719	-86.940337	56202.57	56276.8	-26.80	56175.77	56172.23828	56135.36026	56133.23047	504378.3	5409084.2
L4380.0	504378.3	5409082.8	85160.20313	228.39	44.59	48.834706	-86.940337	56202.86	56276.8	-26.80	56176.06	56172.74219	56134.90071	56132.88281	504378.3	5409082.8
L4380.0	504378.3	5409081.6	85160.29688	229.24	44.81	48.834695	-86.940337	56202.02	56276.8	-26.80	56175.22	56172.11719	56134.50526	56132.59766	504378.3	5409081.6
L4380.0	504378.3	5409079.7	85160.39844	226.48	44.81	48.834678	-86.940337	56200.88	56276.8	-26.80	56174.08	56171.19922	56134.11843	56132.32422	504378.3	5409079.7
L4380.0	504378.3	5409079.7	85160.50000	226.74	39.07	48.834678	-86.940337	56200.68	56276.8	-26.80	56173.88	56171.21875	56133.65745	56131.97656	504378.3	5409079.7
L4380.0	504378.3	5409078.3	85160.60156	229.08	39.07	48.834665	-86.940337	56201.31	56276.8	-26.80	56174.50	56172.06641	56133.13017	56131.56641	504378.3	5409078.3
L4380.0	504378.3	5409078.3	85160.60156	229.08	43.83	48.834665	-86.940337	56200.91	56276.8	-26.80	56174.11	56171.90625	56132.65845	56131.21094	504378.3	5409078.3
L4380.0	504378.3	5409074.9	85160.79688	226.91	43.83	48.834635	-86.940338	56199.48	56276.8	-26.80	56172.68	56170.71094	56132.24413	56130.91406	504378.3	5409074.9
L4380.0	504378.3	5409074.9	85160.89844	225.07	44.02	48.834635	-86.940338	56199.82	56276.8	-26.80	56173.02	56171.28516	56131.69972	56130.48828	504378.3	5409074.9
L4380.0	504378.3	5409073.4	85161.00000	222.13	44.02	48.834622	-86.940338	56199.45	56276.8	-26.80	56172.65	56171.15234	56131.19037	56130.09766	504378.3	5409073.4
L4380.0	504378.3	5409071.8	85161.10156	223.82	40.91	48.834607	-86.940338	56198.45	56276.8	-26.80	56171.64	56170.38281	56130.71126	56129.73828	504378.3	5409071.8
L4380.0	504378.3	5409071.8	85161.20313	224.32	42.61	48.834607	-86.940338	56198.18	56276.8	-26.81	56171.37	56170.35938	56130.17018	56129.31641	504378.3	5409071.8

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4380.0	504378.3	5409070.3	85161.29688	223.73	42.61	48.834593	-86.940338	56198.03	56276.8	-26.81	56171.22	56170.45703	56129.60828	56128.87891	504378.3	5409070.3
L4380.0	504378.3	5409068.4	85161.39844	225.02	44.44	48.834576	-86.940338	56197.40	56276.8	-26.81	56170.59	56170.07422	56129.06537	56128.45703	504378.3	5409068.4
L4380.0	504378.3	5409068.4	85161.50000	225.85	44.44	48.834576	-86.940338	56195.98	56276.8	-26.82	56169.16	56168.89844	56128.56258	56128.07813	504378.3	5409068.4
L4380.0	504378.2	5409066.9	85161.60156	223.87	41.94	48.834563	-86.940338	56196.32	56276.8	-26.82	56169.51	56169.50391	56127.92769	56127.56641	504378.2	5409066.9
L4380.0	504378.2	5409065.2	85161.70313	224.93	41.94	48.834547	-86.940338	56195.35	56276.8	-26.82	56168.53	56168.78125	56127.36782	56127.13281	504378.2	5409065.2
L4380.0	504378.2	5409063.7	85161.79688	225.47	41.15	48.834534	-86.940339	56195.22	56276.8	-26.82	56168.39	56168.89844	56126.73809	56126.62891	504378.2	5409063.7
L4380.0	504378.2	5409063.7	85161.89844	225.00	44.77	48.834534	-86.940339	56195.56	56276.8	-26.83	56168.74	56169.51172	56126.06159	56126.07813	504378.2	5409063.7
L4380.0	504378.2	5409061.8	85162.00000	224.27	44.77	48.834517	-86.940339	56193.32	56276.8	-26.83	56166.49	56167.52734	56125.54411	56125.68359	504378.2	5409061.8
L4380.0	504378.2	5409060.3	85162.10156	223.52	42.68	48.834504	-86.940339	56193.25	56276.8	-26.83	56166.42	56167.72266	56124.86674	56125.13672	504378.2	5409060.3
L4380.0	504378.2	5409058.9	85162.20313	223.03	42.68	48.834491	-86.940339	56192.58	56276.8	-26.83	56165.74	56167.31250	56124.21524	56124.60938	504378.2	5409058.9
L4380.0	504378.2	5409058.9	85162.29688	224.26	43.8	48.834491	-86.940339	56192.21	56276.8	-26.84	56165.37	56167.21094	56123.52804	56124.05078	504378.2	5409058.9
L4380.0	504378.2	5409057.0	85162.39844	223.99	43.8	48.834473	-86.940338	56192.21	56276.8	-26.84	56165.37	56167.48438	56122.80089	56123.45313	504378.2	5409057.0
L4380.0	504378.3	5409055.3	85162.50000	223.60	37.25	48.834458	-86.940338	56191.24	56276.8	-26.84	56164.40	56166.78516	56122.12287	56122.90234	504378.3	5409055.3
L4380.0	504378.3	5409054.1	85162.60156	223.54	37.25	48.834447	-86.940338	56191.14	56276.8	-26.84	56164.30	56166.96094	56121.37106	56122.28125	504378.3	5409054.1
L4380.0	504378.3	5409054.1	85162.60156	223.54	34.89	48.834447	-86.940338	56189.68	56276.8	-26.84	56162.84	56165.77734	56120.69389	56121.73438	504378.3	5409054.1
L4380.0	504378.3	5409052.7	85162.79688	222.32	34.89	48.834435	-86.940338	56188.96	56276.8	-26.85	56162.12	56165.33594	56119.95109	56121.12109	504378.3	5409052.7
L4380.0	504378.3	5409051.5	85162.89844	224.27	37.83	48.834424	-86.940338	56189.07	56276.8	-26.85	56162.22	56165.71484	56119.13707	56120.43750	504378.3	5409051.5
L4380.0	504378.3	5409049.3	85163.00000	225.01	39.25	48.834405	-86.940338	56187.98	56276.8	-26.85	56161.13	56164.90625	56118.38558	56119.81641	504378.3	5409049.3
L4380.0	504378.3	5409048.1	85163.10156	223.62	39.25	48.834394	-86.940338	56186.57	56276.8	-26.85	56159.72	56163.77734	56117.63836	56119.19922	504378.3	5409048.1
L4380.0	504378.3	5409048.1	85163.20313	222.05	41.87	48.834394	-86.940338	56186.07	56276.8	-26.85	56159.23	56163.57031	56116.81248	56118.50391	504378.3	5409048.1
L4380.0	504378.3	5409046.5	85163.29688	221.46	43.85	48.834379	-86.940338	56185.26	56276.8	-26.85	56158.41	56163.03516	56115.99101	56117.81250	504378.3	5409046.5
L4380.0	504378.3	5409045.1	85163.39844	222.20	43.85	48.834367	-86.940338	56184.46	56276.8	-26.85	56157.61	56162.51953	56115.15036	56117.10547	504378.3	5409045.1
L4380.0	504378.3	5409045.1	85163.50000	222.32	44.36	48.834367	-86.940338	56183.89	56276.8	-26.84	56157.04	56162.23438	56114.27628	56116.35938	504378.3	5409045.1
L4380.0	504378.3	5409043.7	85163.60156	223.13	42.65	48.834354	-86.940338	56183.80	56276.8	-26.84	56156.95	56162.42969	56113.35184	56115.56641	504378.3	5409043.7
L4380.0	504378.3	5409042.0	85163.70313	224.85	42.65	48.834339	-86.940338	56181.54	56276.8	-26.84	56154.70	56160.46484	56112.55279	56114.89844	504378.3	5409042.0
L4380.0	504378.3	5409040.6	85163.79688	222.84	42.51	48.834327	-86.940338	56179.64	56276.8	-26.84	56152.80	56158.85156	56111.71153	56114.18750	504378.3	5409040.6
L4380.0	504378.3	5409040.6	85163.89844	222.76	43.36	48.834327	-86.940338	56179.13	56276.8	-26.84	56152.28	56158.62109	56110.75914	56113.36719	504378.3	5409040.6
L4380.0	504378.3	5409039.2	85164.00000	221.71	43.36	48.834314	-86.940338	56179.06	56276.8	-26.84	56152.22	56158.84766	56109.75672	56112.49609	504378.3	5409039.2
L4380.0	504378.3	5409037.1	85164.10156	222.02	43.73	48.834295	-86.940338	56178.36	56276.8	-26.84	56151.52	56158.43359	56108.77735	56111.64453	504378.3	5409037.1
L4380.0	504378.3	5409037.1	85164.20313	224.65	43.4	48.834295	-86.940338	56177.34	56276.8	-26.84	56150.50	56157.69922	56107.79945	56110.79688	504378.3	5409037.1
L4380.0	504378.3	5409035.7	85164.29688	225.28	42.4	48.834282	-86.940338	56174.30	56276.8	-26.84	56147.46	56154.94531	56106.93612	56110.06641	504378.3	5409035.7
L4380.0	504378.3	5409034.5	85164.39844	224.98	42.76	48.834272	-86.940338	56174.22	56276.8	-26.84	56147.38	56155.15234	56105.85511	56109.11328	504378.3	5409034.5
L4380.0	504378.3	5409033.1	85164.50000	225.43	41.14	48.834259	-86.940338	56173.27	56276.8	-26.84	56146.43	56154.48828	56104.81153	56108.19922	504378.3	5409033.1
L4380.0	504378.3	5409031.8	85164.60156	225.11	41.14	48.834247	-86.940338	56171.92	56276.8	-26.84	56145.08	56153.42188	56103.77383	56107.28906	504378.3	5409031.8
L4380.0	504378.3	5409031.8	85164.60156	225.11	33.16	48.834247	-86.940338	56170.78	56276.8	-26.84	56143.94	56152.56641	56102.70112	56106.34766	504378.3	5409031.8
L4380.0	504378.3	5409030.3	85164.79688	224.69	33.16	48.834233	-86.940338	56169.74	56276.8	-26.84	56142.90	56151.80859	56101.60051	56105.37500	504378.3	5409030.3
L4380.0	504378.3	5409028.6	85164.89844	224.60	34.45	48.834218	-86.940338	56167.90	56276.8	-26.84	56141.06	56150.25000	56100.53180	56104.43359	504378.3	5409028.6
L4380.0	504378.3	5409027.2	85165.00000	224.24	34.45	48.834205	-86.940339	56167.16	56276.8	-26.84	56140.32	56149.78906	56099.36812	56103.39453	504378.3	5409027.2
L4380.0	504378.3	5409025.7	85165.10156	224.92	37.95	48.834193	-86.940339	56165.16	56276.8	-26.84	56138.32	56148.07031	56098.26663	56102.42188	504378.3	5409025.7
L4380.0	504378.3	5409025.7	85165.20313	222.10	40.41	48.834193	-86.940339	56163.24	56276.8	-26.84	56136.40	56146.42578	56097.13780	56101.41797	504378.3	5409025.7
L4380.0	504378.3	5409024.3	85165.29688	221.71	41.29	48.834179	-86.940339	56161.76	56276.8	-26.84	56134.92	56145.22266	56095.95746	56100.36328	504378.3	5409024.3
L4380.0	504378.3	5409022.9	85165.39844	221.54	40.44	48.834167	-86.940339	56160.56	56276.8	-26.84	56133.73	56144.30859	56094.73545	56099.26563	504378.3	5409022.9
L4380.0	504378.3	5409021.5	85165.50000	222.42	40.44	48.834154	-86.940339	56158.51	56276.8	-26.83	56131.67	56142.51953	56093.54897	56098.20313	504378.3	5409021.5
L4380.0	504378.3	5409020.3	85165.60156	223.77	40.44	48.834143	-86.940338	56158.16	56276.8	-26.83	56131.33	56142.45313	56092.22520	56097.00000	504378.3	5409020.3
L4380.0	504378.3	5409019.3	85165.70313	224.75	40.44	48.834135	-86.940338	56155.47	56276.8	-26.83	56128.64	56140.03125	56091.03537	56095.93359	504378.3	5409019.3
L4380.0	504378.3	5409018.1	85165.79688	224.52	44.72	48.834124	-86.940338	56154.08	56276.8	-26.83	56127.25	56138.90625	56089.73604	56094.75391	504378.3	5409018.1
L4380.0	504378.3	5409016.8	85165.89844	226.30	36.94	48.834112	-86.940338	56151.45	56276.8	-26.83	56124.62	56136.54297	56088.49646	56093.63672	504378.3	5409016.8
L4380.0	504378.3	5409015.5	85166.00000	226.95	38	48.834100	-86.940338	56149.82	56276.8	-26.83	56122.99	56135.17188	56087.16722	56092.42578	504378.3	5409015.5
L4380.0	504378.3	5409014.0	85166.10156	226.42	40.19	48.834087	-86.940338	56148.77	56276.8	-26.83	56121.94	56134.38281	56085.77628	56091.15234	504378.3	5409014.0
L4380.0	504378.3	5409013.1	85166.20313	225.95	40.19	48.834079	-86.940338	56146.35	56276.8	-26.84	56119.51	56132.21094	56084.45428	56089.94922	504378.3	5409013.1
L4380.0	504378.3	5409012.1	85166.29688	225.38	40.79	48.834070	-86.940338	56144.47	56276.8	-26.84	56117.63	56130.58203	56083.07257	56088.68359	504378.3	5409012.1
L4380.0	504378.3	5409010.9	85166.39844	223.92	38.91	48.834059	-86.940338	56142.73	56276.8	-26.84	56115.88	56129.08594	56081.65917	56087.38672	504378.3	5409010.9
L4380.0	504378.3	5409009.8	85166.50000	225.78	39.55	48.834049	-86.940338	56140.00	56276.8	-26.85	56113.15	56126.60156	56080.28813	56086.12891	504378.3	5409009.8
L4380.0	504378.4	5409008.8	85166.60156	225.06	43.46	48.834040	-86.940337	56138.41	56276.8	-26.85	56111.56	56125.25781	56078.81823	56084.77344	504378.4	5409008.8
L4380.0	504378.4	5409006.7	85166.60156	225.06	43.46	48.834022	-86.940337	56135.79	56276.8	-26.85	56108.95	56122.89063	56077.39358	56083.46094	504378.4	5409006.7
L4380.0	504378.4	5409006.0	85166.79688	223.86	37.34	48.834015	-86.940337	56133.56	56276.9	-26.85	56106.70	56120.87891	56075.92235	56082.09766	504378.4	5409006.0
L4380.0	504378.4	5409006.0	85166.89844	225.08	39.11	48.834015	-86.940337	56131.52	56276.9	-26.86	56104.67	56119.08203	56074.41408	56080.69922	504378.4	5409006.0
L4380.0	504378.4	5409004.1	85167.00000	223.82	39.11	48.833998	-86.940337	56128.62	56276.9	-26.86	56101.76	56116.40234	56072.94235	56079.33594	504378.4	5409004.1
L4380.0	504378.4	5409002.8	85167.10156	225.43	37.79	48.833986	-86.940337	56126.79	56276.9	-26.86	56099.93	56114.80078	56071.37680	56077.87500	504378.4	5409002.8
L4380.0	504378.4	5409001.8	85167.20313	225.25	37.79	48.833977	-86.940337	56123.86	56276.9	-26.86	56097.01	56112.10547	56069.86244	56076.46875	504378.4	5409001.8
L4380.0	504378.4	5409000.3	85167.29688	225.31	34.47	48.833964	-86.940337	56121.00	56276.9	-26.85	56094.15	56109.46484	56068.32301	56075.03125	504378.4	5409000.3
L4380.0	504378.4	5409000.3	85167.39844	224.71	33.61	48.833964	-86.940337	56118.92	56276.9	-26.85	56092.07	56107.60156	56066.71098	56073.52344	504378.4	5409000.3
L4380.0	504378.4	5408998.9	85167.50000	224.93	36.03	48.833951	-86.940337	56115.74	56276.8	-26.85	56088.89	56104.63281	56065.15220	56072.06250	504378.4	5408998.9
L4380.0	504378.4	5408997.6	85167.60156	224.48	38.89	48.833939	-86.940336	56113.51	56276.8	-26.85	56086.66	56102.60938	56063.51060	56070.52344	504378.4	5408997.6
L4380.0	504378.4	5408996.3	85167.70313	223.73	38.89	48.833928	-86.940336	56110.30	56276.8	-26.85	56083.45	56099.60156	56061.91550	56069.02344	504378.4	5408996.3
L4380.0	504378.4	5408994.6	85167.79688	221.53	40.47	48.833912	-86.940336	56107.82	56276.8	-26.84	56080.98	56097.33203	56060.25298	56067.45703	504378.4	5408994.6
L4380.0	504378.4	5408993.6	85167.89844	221.82	40.47	48.833904	-86.940336	56104.39	56276.8	-26.84	56077.55	56094.09375	56058.63716	56065.93750	504378.4	5408993.6
L4380.0	504378.4	5408992.2	85168.00000	223.94	40.33	48.833891	-86.940336	56101.68	56276.8	-26.84	56074.84	56091.57422	56056.95695	56064.35156	504378.4	5408992.2
L4380.0	504378.4	5408992.2	85168.10156	223.07	43.24	48.833891	-86.940336	56098.39	56276.8	-26.84	56071.55	56088.46875	56055.29996	56062.78516	504378.4	5408992.2
L4380.0	504378.4	5408990.8	85168.20313	223.57	41.72	48.833878	-86.940336	56095.23	56276.8	-26.84	56068.38	56085.48047	56053.62059	56061.19531	504378.4	5408990.8
L4380.0	504378.4	5408989.3	85168.29688	223.41	41.72	48.833864	-86.940336	56092.04	56276.8	-26.85	56065.19	56082.46484	56051.92928	56059.58984	504378.4	5408989.3
L4380.0	504378.4	5408988.2	85168.39844	222.77	41.62	48.833855	-86.940336	56087.79	56276.8	-26.85	56060.95	56078.39453	56050.29593	56058.04297	504378.4	5408988.2
L4380.0	504378.4	5408986.7	85168.50000	222.90	44.31	48.833841	-86.940337	56085.31	56276.8	-26.85	56058.46	56076.07031	56048.53517	56056.36719	504378.4	5408986.7
L4380.0	504378.4	5408986.7	85168.60156	223.01	44.31	48.833841	-86.940337	56080.58	56276.9	-26.85	56053.73	56071.50000	56046.91436	56054.82813	504378.4	5408986.7
L4380.0	504378.4	5408985.2	85168.60156	223.01	44.72	48.833828	-86.940337	56078.50	56276.9	-26.85	56051.65	56069.57422	56045.10899	56053.10547	504378.4	5408985.2
L4380.0	504378.4	5408980.8	85169.00000	220.59	37.98	48.833788	-86.940337	56066.12	56276.9	-26.86	56039.26	56057.33594	56043.98459	56052.05859	504378.4	5408980.8
L4380.0	504378.4	5408978.1	85169.29688	220.13	44.83	48.833764	-86.940337	56053.14	56276.9	-26.86	56026.28	56044.50000	56042.89479	56051.04688	504378.4	5408978.1
L4380.0	504378.4	5408976.8	85169.39844	221.03	44.83	48.833752	-86.940338	56049.52	56276.9	-26.86	56022.65	56041.00781	56041.17862	56049.40625	504378.4	5408976.8
L4380.0	504378.4	5408975.7	85169.50000	220.84	44.83	48.833742	-86.940338	56045.34	56276.9	-26.86	56018.48	56036.97266	56039.49720	56047.79688	504378.4	5408975.7
L4380.0	504378.3	5408973.8	85169.60156	222.26	43.71	48.833725	-86.940338	56040.14	56276.9	-26.87	56013.28	56031.89844	56037.88504	56046.25781	504378.3	5408973.8
L4380.0	504378.3	5408973.8	85169.70313	222.39	43.71	48.833725	-86.940338	56035.58	56276.9	-26.87	56008.71	56027.45313	56036.23340	56044.67188	504378.3	5408973.8
L4380.0	504378.3	5408972.3	85169.79688	221.34	45.22	48.833712	-86.940338	56030.37	56276.9	-26.87	56003.50	56022.35938	56034.62892	56043.13672	504378.3	5408972.3
L4380.0	504378.3	5408970.9	85169.89844	223.26	45.22	48.833699	-86.940338	56025.49	56276.9	-26.87	55998.62	56017.59375	56033.00898	56041.58203	504378.3	5408970.9
L4380.0	504378.3	5408969.7	85170.00000	224.12	44.46	48.833689	-86.940338	56019.97	56276.9	-26.87	55993.10	56012.17969	56031.44035	56040.07422	504378.3	5408969.7
L4380.0	504378.3	5408968.2	85170.10156	222.80	40.64	48.833675	-86.940338	56014.38	56276.9	-26.87	55987.51	56006.68750	56029.88719	56038.58203	504378.3	5408968.2
L4380.0	504378.3	5408967.0	85170.20313	223.58	40.64	48.833664	-86.940338	56008.87	56276.9	-26.87	55982.00	56001.27344	56028.34170	56037.09766	504378.3	5408967.0
L4380.0	504378.3	5408967.0	85170.29688	222.99	42.72	48.833664	-86.940338	56003.33	56276.9	-26.87	55976.46	55995.82031	56026.81348	56035.62500	504378.3	5408967.0
L4380.0	504378.3	5408965.3	85170.39844	223.90	38.64	48.833648	-86.940339	55998.14	56276.9	-26.87	55971.27	55990.71484	56025.27947	56034.14844	504378.3	5408965.3
L4380.0	504378.3	5408963.6	85170.50000	222.77	38.64	48.833634	-86.940339	55992.18	56276.9	-26.87	55965.31	55984.83203	56023.81668	56032.73828	504378.3	5408963.6
L4380.0	504378.3	5408962.0	85170.60156	222.65	40.19	48.833620	-86.940339	55986.89	56276.9	-26.87	55960.02	55979.61328	56022.33148	56031.30078	504378.3	5408962.0
L4380.0	504378.3	5408960.6	85170.60156	222.65	39.58	48.833607	-86.940338	55980.54	56276.9	-26.87	55953.67	55973.32813	56020.94158	56029.96094	504378.3	5408960.6
L4380.0	504378.3	5408959.2	85170.79688	224.67	39.58	48.833594	-86.940338	55974.49	56276.9	-26.87	55947.62	55967.33984	56019.55873	56028.62500	504378.3	5408959.2
L4380.0	504378.3	5408959.2	85170.89844	222.12	39.58	48.833594	-86.940338	55969.56	56276.9	-26.87	55942.69	55962.46484	56018.13070	56027.23828	504378.3	5408959.2

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4380.0	504378.3	5408957.7	85171.00000	222.86	40.71	48.833580	-86.940338	55962.63	56276.9	-26.87	55935.76	55955.58203	56016.86792	56026.01953	504378.3	5408957.7
L4380.0	504378.4	5408955.7	85171.10156	224.50	41	48.833563	-86.940338	55957.39	56276.9	-26.87	55930.52	55950.38281	56015.52684	56024.71875	504378.4	5408955.7
L4380.0	504378.4	5408955.7	85171.20313	225.31	41	48.833563	-86.940338	55950.94	56276.9	-26.87	55924.07	55943.96875	56014.30323	56023.53125	504378.4	5408955.7
L4380.0	504378.4	5408954.4	85171.29688	225.98	39.88	48.833551	-86.940338	55945.07	56276.9	-26.87	55918.20	55938.13281	56013.08020	56022.34375	504378.4	5408954.4
L4380.0	504378.4	5408953.0	85171.39844	227.60	38.93	48.833538	-86.940338	55939.69	56276.9	-26.87	55912.82	55932.77734	56011.86615	56021.16406	504378.4	5408953.0
L4380.0	504378.4	5408951.1	85171.50000	225.83	38.93	48.833521	-86.940338	55932.25	56276.9	-26.87	55905.38	55925.35547	56010.83348	56020.16016	504378.4	5408951.1
L4380.0	504378.4	5408951.1	85171.60156	226.65	40.21	48.833521	-86.940338	55926.61	56276.9	-26.87	55899.74	55919.72656	56009.72721	56019.08203	504378.4	5408951.1
L4380.0	504378.4	5408949.5	85171.70313	227.99	40.78	48.833507	-86.940338	55921.68	56276.9	-26.87	55894.81	55914.80469	56008.62233	56018.00391	504378.4	5408949.5
L4380.0	504378.4	5408947.7	85171.79688	226.31	40.78	48.833490	-86.940338	55913.66	56276.9	-26.87	55886.79	55906.78906	56007.77444	56017.17969	504378.4	5408947.7
L4380.0	504378.4	5408947.7	85171.89844	226.39	43.56	48.833490	-86.940338	55908.65	56276.9	-26.87	55881.78	55901.77344	56006.77908	56016.20703	504378.4	5408947.7
L4380.0	504378.4	5408946.3	85172.00000	225.87	43.56	48.833478	-86.940338	55903.74	56276.9	-26.87	55876.87	55896.85547	56005.83238	56015.28125	504378.4	5408946.3
L4380.0	504378.4	5408944.8	85172.10156	223.66	45.52	48.833465	-86.940338	55897.83	56276.9	-26.87	55870.96	55890.92969	56005.00974	56014.47656	504378.4	5408944.8
L4380.0	504378.4	5408944.8	85172.20313	224.15	45.52	48.833465	-86.940338	55893.17	56276.9	-26.87	55866.30	55886.24609	56004.16314	56013.64453	504378.4	5408944.8
L4380.0	504378.4	5408943.3	85172.29688	223.68	44.86	48.833451	-86.940338	55887.91	56276.9	-26.87	55861.04	55880.96094	56003.41779	56012.91016	504378.4	5408943.3
L4380.0	504378.4	5408940.2	85172.39844	222.57	44.86	48.833423	-86.940338	55883.56	56276.9	-26.87	55856.69	55876.57813	56002.67479	56012.17969	504378.4	5408940.2
L4380.0	504378.4	5408940.2	85172.50000	222.31	47.46	48.833423	-86.940338	55879.04	56276.9	-26.87	55852.17	55872.02344	56002.00781	56011.51953	504378.4	5408940.2
L4380.0	504378.4	5408938.5	85172.60156	223.01	47.46	48.833408	-86.940338	55874.40	56276.9	-26.87	55847.53	55867.33984	56001.41504	56010.93359	504378.4	5408938.5
L4380.0	504378.4	5408938.5	85172.60156	223.01	44.6	48.833408	-86.940338	55871.32	56276.9	-26.87	55844.45	55864.21094	56000.78589	56010.30859	504378.4	5408938.5
L4380.0	504378.4	5408936.8	85172.79688	223.22	44.74	48.833393	-86.940338	55867.70	56276.9	-26.87	55840.83	55860.53906	56000.26163	56009.78516	504378.4	5408936.8
L4380.0	504378.4	5408935.2	85172.89844	224.92	44.74	48.833378	-86.940337	55865.30	56276.9	-26.87	55838.43	55858.07813	55999.72606	56009.25000	504378.4	5408935.2
L4380.0	504378.4	5408935.2	85173.00000	225.35	44.38	48.833378	-86.940337	55861.57	56276.9	-26.87	55834.70	55854.28516	55999.35014	56008.87109	504378.4	5408935.2
L4380.0	504378.4	5408933.5	85173.10156	225.15	44.38	48.833363	-86.940337	55859.88	56276.9	-26.87	55833.01	55852.52734	55998.91003	56008.42578	504378.4	5408933.5
L4380.0	504378.5	5408931.9	85173.20313	226.64	35.95	48.833349	-86.940337	55858.57	56276.9	-26.88	55831.69	55851.13281	55998.51770	56008.02734	504378.5	5408931.9
L4380.0	504378.5	5408929.8	85173.29688	227.93	35.95	48.833330	-86.940337	55857.43	56276.9	-26.88	55830.54	55849.90625	55998.18699	56007.68750	504378.5	5408929.8
L4380.0	504378.5	5408929.8	85173.39844	225.60	43.58	48.833330	-86.940337	55857.23	56276.9	-26.89	55830.34	55849.62109	55997.86621	56007.35547	504378.5	5408929.8
L4380.0	504378.5	5408928.2	85173.50000	226.02	43.58	48.833315	-86.940337	55855.07	56276.9	-26.89	55828.18	55847.37109	55997.74952	56007.22656	504378.5	5408928.2
L4380.0	504378.5	5408926.4	85173.60156	225.95	38.41	48.833299	-86.940337	55855.61	56276.9	-26.89	55828.72	55847.82031	55997.52622	56006.98828	504378.5	5408926.4
L4380.0	504378.5	5408926.4	85173.70313	224.61	38.41	48.833299	-86.940337	55856.36	56276.9	-26.90	55829.46	55848.46094	55997.36279	56006.80859	504378.5	5408926.4
L4380.0	504378.5	5408924.7	85173.79688	224.48	36.57	48.833283	-86.940337	55857.79	56276.9	-26.90	55830.88	55849.78125	55997.22686	56006.65234	504378.5	5408924.7
L4380.0	504378.5	5408922.8	85173.89844	224.65	36.57	48.833266	-86.940337	55859.22	56276.9	-26.91	55832.32	55851.11328	55997.16189	56006.56641	504378.5	5408922.8
L4380.0	504378.5	5408922.8	85174.00000	222.10	38.13	48.833266	-86.940337	55860.54	56276.9	-26.91	55833.63	55852.31250	55997.17719	56006.55469	504378.5	5408922.8
L4380.0	504378.5	5408921.3	85174.10156	224.20	34.99	48.833253	-86.940337	55863.45	56276.9	-26.91	55836.53	55855.09766	55997.15722	56006.51172	504378.5	5408921.3
L4380.0	504378.5	5408919.9	85174.20313	224.99	34.99	48.833240	-86.940337	55865.32	56276.9	-26.91	55838.41	55856.85938	55997.27497	56006.60156	504378.5	5408919.9
L4380.0	504378.5	5408918.7	85174.29688	223.80	35.41	48.833229	-86.940337	55868.16	56276.9	-26.91	55841.25	55859.57422	55997.39724	56006.69141	504378.5	5408918.7
L4380.0	504378.5	5408917.2	85174.39844	224.62	37.71	48.833217	-86.940337	55871.80	56276.9	-26.91	55844.89	55863.08594	55997.53339	56006.79688	504378.5	5408917.2
L4380.0	504378.5	5408917.2	85174.50000	224.08	37.71	48.833217	-86.940337	55875.66	56276.9	-26.91	55848.75	55866.81641	55997.72061	56006.94922	504378.5	5408917.2
L4380.0	504378.5	5408915.3	85174.60156	223.10	34.87	48.833199	-86.940337	55878.68	56276.9	-26.91	55851.77	55869.70313	55998.02799	56007.22266	504378.5	5408915.3
L4380.0	504378.5	5408914.0	85174.60156	223.10	34.87	48.833187	-86.940336	55883.41	56276.9	-26.91	55856.50	55874.29297	55998.28380	56007.44141	504378.5	5408914.0
L4380.0	504378.5	5408914.0	85174.79688	221.02	35.91	48.833187	-86.940336	55887.08	56276.9	-26.91	55860.17	55877.82422	55998.67087	56007.78906	504378.5	5408914.0
L4380.0	504378.5	5408912.4	85174.89844	222.32	35.91	48.833173	-86.940336	55892.01	56276.9	-26.91	55865.10	55882.60938	55999.03260	56008.10938	504378.5	5408912.4
L4380.0	504378.5	5408911.3	85175.00000	222.50	40.1	48.833163	-86.940336	55896.91	56276.9	-26.91	55870.00	55887.35938	55999.45296	56008.48438	504378.5	5408911.3
L4380.0	504378.6	5408909.5	85175.10156	220.49	40.1	48.833147	-86.940336	55900.73	56276.9	-26.91	55873.82	55891.02734	55999.99983	56008.98828	504378.6	5408909.5
L4380.0	504378.6	5408908.2	85175.20313	221.84	35.91	48.833135	-86.940335	55906.78	56276.9	-26.91	55879.86	55896.91406	56000.45103	56009.39453	504378.6	5408908.2
L4380.0	504378.6	5408908.2	85175.29688	221.73	35.91	48.833135	-86.940335	55911.64	56276.9	-26.92	55884.72	55901.61719	56001.03097	56009.92578	504378.6	5408908.2
L4380.0	504378.6	5408905.6	85175.50000	221.20	35.79	48.833112	-86.940335	55922.34	56276.9	-26.92	55895.42	55912.15625	56001.26934	56010.11328	504378.6	5408905.6
L4380.0	504378.6	5408903.9	85175.60156	221.43	35.16	48.833097	-86.940335	55927.93	56276.9	-26.92	55901.00	55917.57422	56001.89448	56010.68750	504378.6	5408903.9
L4380.0	504378.6	5408902.5	85175.70313	223.64	35.93	48.833084	-86.940335	55932.40	56276.9	-26.92	55905.48	55921.88672	56002.63601	56011.37500	504378.6	5408902.5
L4380.0	504378.6	5408902.5	85175.79688	225.89	35.93	48.833084	-86.940335	55938.09	56276.9	-26.93	55911.17	55927.41016	56003.33753	56012.01953	504378.6	5408902.5
L4380.0	504378.6	5408900.8	85175.89844	226.98	41.3	48.833069	-86.940335	55943.98	56276.9	-26.93	55917.06	55933.12891	56004.06399	56012.69141	504378.6	5408900.8
L4380.0	504378.7	5408899.4	85176.00000	226.79	41.3	48.833056	-86.940334	55949.00	56276.9	-26.93	55922.07	55937.96875	56004.88498	56013.45313	504378.7	5408899.4
L4380.0	504378.7	5408899.4	85176.10156	228.16	37.59	48.833056	-86.940334	55954.00	56276.9	-26.93	55927.07	55942.79297	56005.74012	56014.25000	504378.7	5408899.4
L4380.0	504378.7	5408897.7	85176.20313	227.83	37.59	48.833040	-86.940334	55958.96	56276.9	-26.93	55932.03	55947.57813	56006.62903	56015.07813	504378.7	5408897.7
L4380.0	504378.7	5408896.2	85176.29688	226.50	38.25	48.833027	-86.940334	55963.92	56276.9	-26.93	55936.99	55952.35938	56007.54670	56015.93359	504378.7	5408896.2
L4380.0	504378.7	5408894.8	85176.39844	225.12	34.36	48.833015	-86.940334	55969.41	56276.9	-26.93	55942.48	55957.66797	56008.45549	56016.77734	504378.7	5408894.8
L4380.0	504378.7	5408894.8	85176.50000	223.80	34.36	48.833015	-86.940334	55973.51	56276.9	-26.93	55946.58	55961.58594	56009.48114	56017.73828	504378.7	5408894.8
L4380.0	504378.7	5408893.2	85176.60156	225.24	38.71	48.833000	-86.940334	55978.21	56276.9	-26.93	55951.28	55966.10547	56010.48876	56018.67578	504378.7	5408893.2
L4380.0	504378.7	5408891.9	85176.60156	225.24	38.71	48.832989	-86.940334	55982.84	56276.9	-26.93	55955.91	55970.55078	56011.52083	56019.64063	504378.7	5408891.9
L4380.0	504378.7	5408891.9	85176.79688	226.27	35.69	48.832989	-86.940334	55987.47	56276.9	-26.93	55960.54	55974.99609	56012.57060	56020.62109	504378.7	5408891.9
L4380.0	504378.7	5408888.9	85176.89844	226.76	35.69	48.832961	-86.940334	55992.40	56276.9	-26.93	55965.47	55979.73828	56013.61601	56021.59766	504378.7	5408888.9
L4380.0	504378.7	5408888.9	85177.00000	224.67	36.46	48.832961	-86.940334	55996.88	56276.9	-26.93	55969.95	55984.03125	56014.70507	56022.61328	504378.7	5408888.9
L4380.0	504378.7	5408887.5	85177.10156	225.18	35.39	48.832949	-86.940334	55999.52	56276.9	-26.93	55972.59	55986.48047	56015.92853	56023.76563	504378.7	5408887.5
L4380.0	504378.7	5408885.8	85177.20313	226.17	35.39	48.832934	-86.940334	56004.62	56276.9	-26.93	55977.69	55991.39063	56016.99789	56024.76172	504378.7	5408885.8
L4380.0	504378.7	5408885.8	85177.29688	227.23	34.28	48.832934	-86.940334	56008.67	56276.9	-26.93	55981.73	55995.24219	56018.14604	56025.83203	504378.7	5408885.8
L4380.0	504378.7	5408883.0	85177.39844	225.92	34.28	48.832908	-86.940334	56012.74	56276.9	-26.93	55985.80	55999.12109	56019.29860	56026.91016	504378.7	5408883.0
L4380.0	504378.7	5408883.0	85177.50000	226.04	38.03	48.832908	-86.940334	56017.37	56276.9	-26.93	55990.43	56003.55859	56020.41863	56027.95313	504378.7	5408883.0
L4380.0	504378.7	5408881.6	85177.60156	225.06	38.03	48.832896	-86.940335	56020.18	56276.9	-26.94	55993.24	56006.17969	56021.66323	56029.11719	504378.7	5408881.6
L4380.0	504378.7	5408880.2	85177.70313	224.98	42.14	48.832883	-86.940335	56023.36	56276.9	-26.94	55996.43	56009.17578	56022.88427	56030.26172	504378.7	5408880.2
L4380.0	504378.6	5408879.2	85177.79688	224.80	42.5	48.832874	-86.940335	56027.46	56276.9	-26.94	56000.52	56013.07422	56024.04568	56031.34375	504378.6	5408879.2
L4380.0	504378.6	5408877.5	85177.89844	226.13	42.1	48.832859	-86.940335	56030.60	56276.9	-26.94	56003.66	56016.02344	56025.26946	56032.48438	504378.6	5408877.5
L4380.0	504378.6	5408876.1	85178.00000	225.99	42.1	48.832846	-86.940335	56033.73	56276.9	-26.94	56006.79	56018.96094	56026.49170	56033.62500	504378.6	5408876.1
L4380.0	504378.6	5408875.2	85178.10156	225.29	34.8	48.832838	-86.940335	56036.87	56276.9	-26.94	56009.93	56021.91016	56027.70988	56034.76172	504378.6	5408875.2
L4380.0	504378.6	5408875.2	85178.20313	222.98	36.54	48.832838	-86.940335	56040.11	56276.9	-26.94	56013.17	56024.96094	56028.91690	56035.88672	504378.6	5408875.2
L4380.0	504378.6	5408873.5	85178.29688	224.15	36.54	48.832823	-86.940335	56042.89	56276.9	-26.94	56015.95	56027.55078	56030.14906	56037.03516	504378.6	5408873.5
L4380.0	504378.6	5408871.9	85178.39844	221.93	39.95	48.832808	-86.940335	56046.20	56276.9	-26.94	56019.26	56030.66797	56031.33939	56038.14063	504378.6	5408871.9
L4380.0	504378.6	5408871.9	85178.50000	222.16	40.94	48.832808	-86.940335	56049.09	56276.9	-26.94	56022.14	56033.35938	56032.55099	56039.26563	504378.6	5408871.9
L4380.0	504378.6	5408870.1	85178.60156	222.02	40.94	48.832793	-86.940335	56052.38	56276.9	-26.95	56025.43	56036.46094	56033.72703	56040.35547	504378.6	5408870.1
L4380.0	504378.6	5408869.2	85178.60156	222.02	39.39	48.832784	-86.940335	56053.59	56276.9	-26.95	56026.65	56037.49219	56035.03206	56041.57422	504378.6	5408869.2
L4380.0	504378.6	5408867.8	85178.79688	224.26	40.22	48.832772	-86.940335	56056.17	56276.9	-26.95	56029.22	56039.87500	56036.23739	56042.69531	504378.6	5408867.8
L4380.0	504378.6	5408866.4	85178.89844	225.08	40.22	48.832759	-86.940335	56059.38	56276.9	-26.95	56032.43	56042.89844	56037.38970	56043.75781	504378.6	5408866.4
L4380.0	504378.6	5408865.2	85179.00000	224.42	40.22	48.832749	-86.940335	56061.99	56276.9	-26.95	56035.04	56045.32422	56038.57106	56044.85156	504378.6	5408865.2
L4380.0	504378.6	5408863.8	85179.10156	225.70	38.59	48.832736	-86.940335	56064.11	56277	-26.95	56037.16	56047.25781	56039.77362	56045.96875	504378.6	5408863.8
L4380.0	504378.6	5408862.6	85179.20313	226.89	38.59	48.832725	-86.940335	56065.33	56277	-26.95	56038.38	56048.29688	56041.02423	56047.12891	504378.6	5408862.6
L4380.0	504378.6	5408861.2	85179.29688	223.77	42.1	48.832713	-86.940335	56068.36	56277	-26.95	56041.41	56051.14453	56042.14179	56048.15625	504378.6	5408861.2
L4380.0	504378.6	5408861.2	85179.39844	225.68	41.87	48.832713	-86.940335	56071.04	56277	-26.95	56044.09	56053.64453	56043.26993	56049.19922	504378.6	5408861.2
L4380.0	504378.6	5408859.6	85179.50000	225.56	41.87	48.832698	-86.940335	56072.48	56277	-26.96	56045.53	56054.90625	56044.46766	56050.30469	504378.6	5408859.6
L4380.0	504378.6	5408858.1	85179.60156	224.03	38.69	48.832684	-86.940336	56073.93	56277	-26.96	56046.97	56056.16797	56045.65201	56051.40234	504378.6	5408858.1
L4380.0	504378.6	5408858.1	85179.70313	225.66	38.89	48.832684	-86.940336	56075.95	56277	-26.96	56049.00	56058.01953	56046.78343	56052.44141	504378.6	5408858.1
L4380.0	504378.6	5408856.5	85179.79688	225.32	38.89	48.832670	-86.940336	56077.54	56277	-26.96	56050.58	56059.42578	56047.93105	56053.50000	504378.6	5408856.5
L4380.0	504378.6	5408854.8	85179.89844	226.77	39.93	48.832655	-86.940336	56078.40	56277	-26.96	56051.44	56060.11328	56049.11271	56054.59375	504378.6	5408854.8
L4380.0	504378.6	5408853.5	85180.00000	228.83	39.25	48.832643	-86.940336	56080.40	56277	-26.96	56053.44	56061.94141	56050.20427	56055.59375	504378.6	5408853.5
L4380.0	504378.6	5408852.2	85180.10156	226.30	39.25	48.832631	-86.940336	56081.74	56277	-26.96	56054.78	56063.11328	56051.32567	56056.62500	504378.6	5408852.2
L4380.0	504378.6	5408852.2	85180.20313	226.30	39.24	48.832631	-86.940336	56083.29	56277	-26.97	56056.32	56064.48828	56052.41951	56057.63281	504378.6	5408852.2
L4380.0	504378.6	5408850.3	85180.29688	226.96	40.32	48.832614	-86.940335	56084.93	56277	-26.97	56057.96	56065.96094	56053.49243	56058.61328	504378.6	5408850.3

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4380.0	504378.6	5408848.9	85180.39844	224.43	40.32	48.832602	-86.940335	56086.45	56277	-26.97	56059.48	56067.31641	56054.55911	56059.58984	504378.6	5408848.9
L4380.0	504378.6	5408847.5	85180.50000	224.08	37.72	48.832589	-86.940335	56088.32	56277	-26.97	56061.35	56069.02734	56055.58824	56060.53125	504378.6	5408847.5
L4380.0	504378.6	5408847.5	85180.60156	224.05	40.32	48.832589	-86.940335	56089.13	56277	-26.98	56062.16	56069.67578	56056.67388	56061.52734	504378.6	5408847.5
L4380.0	504378.6	5408846.1	85180.60156	224.05	40.32	48.832576	-86.940335	56090.40	56277	-26.98	56063.42	56070.78125	56057.71545	56062.48047	504378.6	5408846.1
L4380.0	504378.6	5408844.7	85180.79688	222.72	42.74	48.832564	-86.940335	56091.70	56277	-26.98	56064.72	56071.92578	56058.74039	56063.41797	504378.6	5408844.7
L4380.0	504378.7	5408843.3	85180.89844	222.43	30.15	48.832551	-86.940335	56092.98	56277	-26.99	56065.99	56073.04297	56059.75349	56064.34375	504378.7	5408843.3
L4380.0	504378.7	5408841.7	85181.00000	221.78	30.15	48.832537	-86.940335	56093.73	56277	-26.99	56066.74	56073.64063	56060.78755	56065.28906	504378.7	5408841.7
L4380.0	504378.7	5408841.7	85181.10156	221.48	37.23	48.832537	-86.940335	56094.72	56277	-26.99	56067.73	56074.48438	56061.79208	56066.20313	504378.7	5408841.7
L4380.0	504378.7	5408840.3	85181.20313	221.53	37.23	48.832524	-86.940335	56096.56	56277	-26.99	56069.58	56076.18750	56062.72591	56067.05078	504378.7	5408840.3
L4380.0	504378.7	5408838.4	85181.29688	221.95	37.5	48.832507	-86.940335	56097.22	56277	-26.98	56070.24	56076.70313	56063.72591	56067.96484	504378.7	5408838.4
L4380.0	504378.7	5408836.9	85181.39844	222.31	44.11	48.832494	-86.940335	56098.36	56277	-26.98	56071.38	56077.69922	56064.68096	56068.83203	504378.7	5408836.9
L4380.0	504378.7	5408836.9	85181.50000	222.09	44.11	48.832494	-86.940335	56099.30	56277	-26.98	56072.32	56078.50000	56065.63660	56069.70313	504378.7	5408836.9
L4380.0	504378.7	5408835.3	85181.60156	222.73	45.21	48.832479	-86.940335	56100.59	56277	-26.98	56073.61	56079.65625	56066.55640	56070.53516	504378.7	5408835.3
L4380.0	504378.7	5408834.1	85181.70313	222.03	45.21	48.832468	-86.940334	56101.24	56277	-26.98	56074.26	56080.17188	56067.50660	56071.40234	504378.7	5408834.1
L4380.0	504378.7	5408832.7	85181.79688	223.39	44.03	48.832456	-86.940335	56102.38	56277	-26.97	56075.41	56081.18750	56068.41147	56072.22266	504378.7	5408832.7
L4380.0	504378.7	5408832.7	85181.89844	223.06	45.3	48.832456	-86.940335	56103.35	56277	-26.97	56076.38	56082.02734	56069.31658	56073.04297	504378.7	5408832.7
L4380.0	504378.7	5408831.3	85182.00000	222.76	45.3	48.832443	-86.940335	56103.65	56277	-26.97	56076.68	56082.20313	56070.25489	56073.89844	504378.7	5408831.3
L4380.0	504378.7	5408830.2	85182.10156	221.44	41.08	48.832433	-86.940335	56104.94	56277	-26.97	56077.96	56083.35547	56071.11666	56074.67969	504378.7	5408830.2
L4380.0	504378.7	5408828.5	85182.20313	223.16	40.91	48.832418	-86.940335	56105.18	56277	-26.98	56078.20	56083.47656	56072.03685	56075.51563	504378.7	5408828.5
L4380.0	504378.7	5408826.9	85182.29688	226.17	40.91	48.832404	-86.940335	56106.25	56277	-26.99	56079.26	56084.41406	56072.89175	56076.29297	504378.7	5408826.9
L4380.0	504378.7	5408826.9	85182.39844	225.58	39.02	48.832404	-86.940335	56107.12	56277	-26.99	56080.13	56085.16797	56073.74898	56077.06641	504378.7	5408826.9
L4380.0	504378.7	5408825.4	85182.50000	226.19	39.02	48.832391	-86.940335	56108.00	56277	-27.00	56081.00	56085.92188	56074.59618	56077.83594	504378.7	5408825.4
L4380.0	504378.7	5408824.2	85182.60156	224.85	43.12	48.832379	-86.940335	56108.58	56277	-27.00	56081.58	56086.39063	56075.45298	56078.61328	504378.7	5408824.2
L4380.0	504378.7	5408823.3	85182.60156	224.85	44.2	48.832371	-86.940335	56109.09	56277	-27.00	56082.09	56086.79297	56076.30501	56079.38672	504378.7	5408823.3
L4380.0	504378.6	5408821.9	85182.79688	225.03	44.2	48.832359	-86.940335	56109.95	56277	-27.01	56082.94	56087.53516	56077.12524	56080.13281	504378.6	5408821.9
L4380.0	504378.6	5408820.4	85182.89844	225.14	45.7	48.832346	-86.940335	56110.75	56277	-27.01	56083.74	56088.23047	56077.93999	56080.87109	504378.6	5408820.4
L4380.0	504378.6	5408819.8	85183.00000	224.99	44.71	48.832340	-86.940335	56110.88	56277	-27.02	56083.86	56088.24609	56078.79156	56081.64453	504378.6	5408819.8
L4380.0	504378.6	5408818.1	85183.10156	221.98	44.71	48.832324	-86.940336	56111.79	56277	-27.02	56084.77	56089.05859	56079.58225	56082.36328	504378.6	5408818.1
L4380.0	504378.6	5408816.7	85183.20313	220.75	31.18	48.832312	-86.940336	56111.64	56277	-27.02	56084.63	56088.82031	56080.43503	56083.14063	504378.6	5408816.7
L4380.0	504378.6	5408816.7	85183.29688	224.61	33.31	48.832312	-86.940336	56113.41	56277	-27.02	56086.39	56090.48438	56081.15353	56083.78906	504378.6	5408816.7
L4380.0	504378.6	5408813.9	85183.39844	224.52	33.31	48.832287	-86.940336	56113.34	56277	-27.02	56086.32	56090.32422	56081.98672	56084.55078	504378.6	5408813.9
L4380.0	504378.6	5408813.9	85183.50000	225.93	41.96	48.832287	-86.940336	56114.42	56277	-27.02	56087.40	56091.31250	56082.73623	56085.22656	504378.6	5408813.9
L4380.0	504378.6	5408812.6	85183.60156	225.98	45.37	48.832275	-86.940336	56115.01	56277	-27.02	56087.99	56091.81641	56083.51169	56085.93359	504378.6	5408812.6
L4380.0	504378.6	5408810.9	85183.70313	226.06	45.37	48.832260	-86.940336	56115.34	56277	-27.02	56088.32	56092.06250	56084.29803	56086.65234	504378.6	5408810.9
L4380.0	504378.6	5408809.8	85183.79688	226.76	47.01	48.832250	-86.940336	56115.89	56277	-27.02	56088.87	56092.53125	56085.06354	56087.35156	504378.6	5408809.8
L4380.0	504378.6	5408808.1	85183.89844	224.98	42.89	48.832234	-86.940336	56115.62	56277	-27.02	56088.60	56092.17969	56085.87784	56088.09766	504378.6	5408808.1
L4380.0	504378.6	5408808.1	85184.00000	224.24	42.89	48.832234	-86.940336	56117.18	56277	-27.02	56090.16	56093.66406	56086.56452	56088.71875	504378.6	5408808.1
L4380.0	504378.6	5408806.7	85184.10156	225.03	38.65	48.832222	-86.940337	56117.26	56277	-27.02	56090.24	56093.66797	56087.34450	56089.43359	504378.6	5408806.7
L4380.0	504378.6	5408805.0	85184.20313	222.76	38.65	48.832207	-86.940337	56118.52	56277	-27.02	56091.50	56094.85547	56088.04072	56090.06641	504378.6	5408805.0
L4380.0	504378.6	5408803.6	85184.29688	223.63	38.65	48.832195	-86.940337	56119.41	56277	-27.02	56092.39	56095.67578	56088.75674	56090.72266	504378.6	5408803.6
L4380.0	504378.6	5408802.4	85184.39844	224.14	44.56	48.832184	-86.940337	56120.16	56277	-27.02	56093.14	56096.35938	56089.47747	56091.38281	504378.6	5408802.4
L4380.0	504378.6	5408802.4	85184.50000	222.97	49.32	48.832184	-86.940337	56120.63	56277	-27.02	56093.61	56096.76172	56090.21248	56092.05859	504378.6	5408802.4
L4380.0	504378.6	5408801.0	85184.60156	223.11	49.55	48.832171	-86.940337	56120.77	56277	-27.02	56093.75	56096.83984	56090.96533	56092.75391	504378.6	5408801.0
L4380.0	504378.6	5408799.5	85184.60156	223.11	49.55	48.832158	-86.940337	56121.84	56277	-27.02	56094.82	56097.85156	56091.65221	56093.38281	504378.6	5408799.5
L4380.0	504378.6	5408798.2	85184.79688	222.34	49.55	48.832145	-86.940337	56121.74	56277	-27.02	56094.72	56097.69141	56092.41335	56094.08594	504378.6	5408798.2
L4380.0	504378.6	5408798.2	85184.89844	222.64	43.06	48.832145	-86.940337	56123.56	56277	-27.02	56096.54	56099.45703	56093.04292	56094.66406	504378.6	5408798.2
L4380.0	504378.6	5408796.2	85185.00000	222.66	43.06	48.832128	-86.940337	56123.45	56277	-27.02	56096.43	56099.29297	56093.79779	56095.36328	504378.6	5408796.2
L4380.0	504378.6	5408795.1	85185.10156	224.68	45.75	48.832117	-86.940337	56124.24	56277	-27.02	56097.22	56100.03125	56094.48945	56096.00391	504378.6	5408795.1
L4380.0	504378.6	5408793.7	85185.20313	225.12	44.95	48.832105	-86.940337	56125.43	56277	-27.03	56098.40	56101.16406	56095.15209	56096.61719	504378.6	5408793.7
L4380.0	504378.6	5408792.0	85185.29688	226.37	44.95	48.832090	-86.940337	56125.18	56277	-27.03	56098.15	56100.86719	56095.90718	56097.32031	504378.6	5408792.0
L4380.0	504378.6	5408792.0	85185.39844	225.23	44.47	48.832090	-86.940337	56127.10	56277	-27.03	56100.07	56102.74219	56096.51487	56097.87891	504378.6	5408792.0
L4380.0	504378.6	5408790.4	85185.50000	226.19	44.47	48.832075	-86.940337	56126.11	56277	-27.04	56099.08	56101.71094	56097.31397	56098.63281	504378.6	5408790.4
L4380.0	504378.6	5408788.9	85185.60156	226.44	47.93	48.832062	-86.940337	56127.93	56277	-27.04	56100.89	56103.48047	56097.92393	56099.19922	504378.6	5408788.9
L4380.0	504378.6	5408788.9	85185.70313	226.46	51.27	48.832062	-86.940337	56128.66	56277	-27.04	56101.62	56104.17578	56098.60353	56099.83203	504378.6	5408788.9
L4380.0	504378.6	5408787.3	85185.79688	227.41	51.27	48.832047	-86.940337	56129.59	56277	-27.04	56102.55	56105.07031	56099.26756	56100.45313	504378.6	5408787.3
L4380.0	504378.6	5408785.8	85185.89844	226.71	51.39	48.832034	-86.940337	56130.64	56277	-27.05	56103.60	56106.08594	56099.92143	56101.06641	504378.6	5408785.8
L4380.0	504378.6	5408784.7	85186.00000	226.73	51.39	48.832024	-86.940337	56131.09	56277.1	-27.05	56104.04	56106.49609	56100.61391	56101.71875	504378.6	5408784.7
L4380.0	504378.6	5408782.7	85186.10156	225.04	34.3	48.832006	-86.940337	56131.83	56277	-27.05	56104.78	56107.20703	56101.28439	56102.35156	504378.6	5408782.7
L4380.0	504378.5	5408781.3	85186.20313	223.08	34.3	48.831994	-86.940337	56132.63	56277	-27.05	56105.59	56107.99219	56101.94828	56102.98047	504378.5	5408781.3
L4380.0	504378.5	5408781.3	85186.29688	223.70	34.09	48.831994	-86.940337	56133.25	56277	-27.04	56106.20	56108.57813	56102.62364	56103.61719	504378.5	5408781.3
L4380.0	504378.5	5408779.6	85186.39844	224.14	35.03	48.831979	-86.940337	56134.79	56277	-27.04	56107.74	56110.09766	56103.23517	56104.19531	504378.5	5408779.6
L4380.0	504378.5	5408778.2	85186.50000	223.04	35.03	48.831966	-86.940337	56135.16	56277	-27.04	56108.12	56110.45703	56103.92224	56104.85156	504378.5	5408778.2
L4380.0	504378.5	5408778.2	85186.60156	224.04	39.16	48.831966	-86.940337	56135.65	56277	-27.04	56108.61	56110.92969	56104.60021	56105.49609	504378.5	5408778.2
L4380.0	504378.5	5408776.6	85186.60156	224.04	39.16	48.831951	-86.940337	56136.56	56277	-27.04	56109.52	56111.82422	56105.24844	56106.11719	504378.5	5408776.6
L4380.0	504378.5	5408774.6	85186.79688	222.57	33.28	48.831934	-86.940337	56137.14	56277	-27.03	56110.11	56112.40234	56105.91624	56106.75391	504378.5	5408774.6
L4380.0	504378.5	5408773.4	85186.89844	224.18	33.28	48.831923	-86.940338	56138.00	56277	-27.03	56110.97	56113.25000	56106.56429	56107.37891	504378.5	5408773.4
L4380.0	504378.5	5408773.4	85187.00000	222.23	37.08	48.831923	-86.940338	56139.46	56277	-27.03	56112.43	56114.70313	56107.17057	56107.95703	504378.5	5408773.4
L4380.0	504378.5	5408772.3	85187.10156	223.66	41.05	48.831912	-86.940338	56140.00	56277	-27.03	56112.97	56115.23828	56107.83638	56108.60156	504378.5	5408772.3
L4380.0	504378.5	5408770.5	85187.20313	224.06	41.05	48.831897	-86.940338	56141.09	56277	-27.03	56114.06	56116.32422	56108.46368	56109.20703	504378.5	5408770.5
L4380.0	504378.5	5408769.4	85187.29688	223.04	37.64	48.831887	-86.940338	56141.56	56277	-27.03	56114.53	56116.78906	56109.13042	56109.85156	504378.5	5408769.4
L4380.0	504378.5	5408767.8	85187.39844	223.75	37.64	48.831872	-86.940337	56143.16	56277	-27.03	56116.13	56118.39063	56109.71987	56110.42188	504378.5	5408767.8
L4380.0	504378.5	5408766.1	85187.50000	225.05	42.31	48.831857	-86.940337	56143.32	56277	-27.03	56116.29	56118.55469	56110.40331	56111.08984	504378.5	5408766.1
L4380.0	504378.5	5408766.1	85187.60156	223.33	36.59	48.831857	-86.940337	56144.04	56277	-27.03	56117.01	56119.27734	56111.04730	56111.71484	504378.5	5408766.1
L4380.0	504378.5	5408764.4	85187.70313	222.78	36.59	48.831842	-86.940337	56145.99	56277	-27.03	56118.96	56121.23438	56111.60709	56112.26172	504378.5	5408764.4
L4380.0	504378.5	5408764.4	85187.79688	221.92	39.14	48.831842	-86.940337	56146.04	56277	-27.03	56119.01	56121.29297	56112.29125	56112.93359	504378.5	5408764.4
L4380.0	504378.6	5408762.8	85187.89844	221.55	40.41	48.831827	-86.940337	56147.79	56277	-27.03	56120.76	56123.05469	56112.85965	56113.49219	504378.6	5408762.8
L4380.0	504378.6	5408761.4	85188.00000	223.08	41.62	48.831814	-86.940337	56148.19	56277	-27.03	56121.16	56123.46875	56113.51550	56114.13672	504378.6	5408761.4
L4380.0	504378.6	5408760.1	85188.10156	221.43	41.62	48.831803	-86.940337	56148.95	56277	-27.03	56121.93	56124.25391	56114.14401	56114.75781	504378.6	5408760.1
L4380.0	504378.6	5408759.0	85188.20313	221.54	41.62	48.831793	-86.940337	56150.57	56277	-27.03	56123.54	56125.87891	56114.71368	56115.32031	504378.6	5408759.0
L4380.0	504378.6	5408759.0	85188.29688	223.11	43.95	48.831793	-86.940337	56151.40	56277	-27.02	56124.38	56126.74219	56115.33170	56115.93359	504378.6	5408759.0
L4380.0	504378.6	5408756.9	85188.39844	222.82	43.95	48.831774	-86.940337	56152.55	56277	-27.02	56125.53	56127.91406	56115.92590	56116.52734	504378.6	5408756.9
L4380.0	504378.6	5408755.7	85188.50000	222.91	47.79	48.831763	-86.940337	56152.89	56277	-27.02	56125.87	56128.27734	56116.57076	56117.16797	504378.6	5408755.7
L4380.0	504378.6	5408754.3	85188.60156	221.91	47.79	48.831751	-86.940337	56154.16	56277	-27.02	56127.14	56129.57422	56117.15010	56117.75000	504378.6	5408754.3
L4380.0	504378.6	5408753.0	85188.60156	221.91	43.27	48.831739	-86.940337	56155.76	56277	-27.02	56128.74	56131.20313	56117.70373	56118.30469	504378.6	5408753.0
L4380.0	504378.6	5408753.0	85188.79688	221.39	42.66	48.831739	-86.940337	56156.74	56277	-27.01	56129.72	56132.21484	56118.29476	56118.89844	504378.6	5408753.0
L4380.0	504378.6	5408751.3	85188.89844	220.08	42.66	48.831723	-86.940337	56157.40	56277	-27.01	56130.39	56132.91797	56118.90234	56119.51172	504378.6	5408751.3
L4380.0	504378.6	5408751.3	85189.00000	221.42	42.05	48.831723	-86.940337	56159.09	56277	-27.01	56132.08	56134.64063	56119.43755	56120.05469	504378.6	5408751.3
L4380.0	504378.6	5408749.4	85189.10156	223.34	42.05	48.831707	-86.940336	56160.16	56277	-27.01	56133.15	56135.75000	56120.00952	56120.63672	504378.6	5408749.4
L4380.0	504378.7	5408748.0	85189.20313	224.13	45.07	48.831694	-86.940336	56161.48	56277	-27.02	56134.46	56137.09766	56120.56068	56121.19531	504378.7	5408748.0
L4380.0	504378.7	5408746.6	85189.29688	225.35	45.48	48.831681	-86.940336	56161.85	56277	-27.02	56134.83	56137.51172	56121.16945	56121.81641	504378.7	5408746.6
L4380.0	504378.7	5408744.9	85189.39844	227.01	39.27	48.831666	-86.940336	56163.12	56277	-27.02	56136.10	56138.82813	56121.71293	56122.37500	504378.7	5408744.9
L4380.0	504378.7	5408744.9	85189.50000	227.82	39.27	48.831666	-86.940336	56164.78	56277	-27.03	56137.76	56140.53125	56122.22486	56122.90234	504378.7	5408744.9
L4380.0	504378.7	5408743.2	85189.60156	227.02	43.04	48.831651	-86.940336	56165.85	56277	-27.03	56138.82	56141.64063	56122.77099	56123.46484	504378.7	5408743.2

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4380.0	504378.7	5408741.6	85189.70313	227.29	43.04	48.831637	-86.940336	56167.07	56277	-27.03	56140.03	56142.90234	56123.30108	56124.01563	504378.7	5408741.6
L4380.0	504378.7	5408740.2	85189.79688	227.51	46.46	48.831624	-86.940336	56167.64	56277	-27.03	56140.61	56143.53906	56123.86687	56124.60156	504378.7	5408740.2
L4380.0	504378.7	5408740.2	85189.89844	227.64	48.16	48.831624	-86.940336	56169.32	56277	-27.04	56142.28	56145.26563	56124.35343	56125.10938	504378.7	5408740.2
L4380.0	504378.7	5408738.8	85190.00000	226.35	48.16	48.831611	-86.940335	56169.89	56277	-27.04	56142.85	56145.89063	56124.90651	56125.68750	504378.7	5408738.8
L4380.0	504378.7	5408737.3	85190.10156	226.49	48.32	48.831598	-86.940335	56171.21	56277	-27.04	56144.17	56147.27344	56125.40253	56126.21094	504378.7	5408737.3
L4380.0	504378.7	5408736.0	85190.20313	225.50	46.04	48.831586	-86.940335	56172.33	56277	-27.04	56145.29	56148.45703	56125.90457	56126.74219	504378.7	5408736.0
L4380.0	504378.7	5408734.6	85190.29688	224.96	46.04	48.831573	-86.940335	56173.65	56277	-27.03	56146.61	56149.84375	56126.38571	56127.25000	504378.7	5408734.6
L4380.0	504378.7	5408734.6	85190.39844	224.66	47.18	48.831573	-86.940335	56174.12	56277	-27.03	56147.09	56150.39063	56126.91505	56127.81250	504378.7	5408734.6
L4380.0	504378.7	5408732.6	85190.50000	224.31	47.18	48.831556	-86.940335	56174.84	56277	-27.03	56147.81	56151.17969	56127.42034	56128.35156	504378.7	5408732.6
L4380.0	504378.7	5408732.6	85190.60156	222.14	45.75	48.831556	-86.940335	56176.58	56277	-27.03	56149.55	56152.99219	56127.84936	56128.81250	504378.7	5408732.6
L4380.0	504378.7	5408729.7	85190.60156	222.14	45.75	48.831530	-86.940335	56177.54	56277	-27.03	56150.51	56154.02734	56128.32188	56129.32422	504378.7	5408729.7
L4380.0	504378.7	5408729.7	85190.79688	224.95	48.03	48.831530	-86.940335	56178.48	56277	-27.02	56151.46	56155.05469	56128.78635	56129.82813	504378.7	5408729.7
L4380.0	504378.7	5408728.3	85190.89844	224.26	41.62	48.831517	-86.940335	56179.68	56277	-27.02	56152.66	56156.33594	56129.22523	56130.30469	504378.7	5408728.3
L4380.0	504378.7	5408726.9	85191.00000	224.04	41.62	48.831504	-86.940335	56180.19	56277	-27.02	56153.17	56156.92578	56129.70099	56130.82422	504378.7	5408726.9
L4380.0	504378.7	5408725.2	85191.10156	224.13	47.44	48.831489	-86.940335	56181.54	56277	-27.02	56154.52	56158.35938	56130.11145	56131.27734	504378.7	5408725.2
L4380.0	504378.7	5408723.7	85191.20313	224.37	47.44	48.831476	-86.940335	56181.93	56277	-27.03	56154.91	56158.83594	56130.57643	56131.78906	504378.7	5408723.7
L4380.0	504378.7	5408723.7	85191.29688	223.71	47.31	48.831476	-86.940335	56182.77	56277	-27.03	56155.74	56159.75781	56131.00244	56132.26172	504378.7	5408723.7
L4380.0	504378.7	5408721.6	85191.39844	221.98	46.91	48.831456	-86.940335	56184.31	56277	-27.03	56157.28	56161.38672	56131.37132	56132.67969	504378.7	5408721.6
L4380.0	504378.7	5408720.1	85191.50000	222.47	46.91	48.831443	-86.940336	56183.56	56277	-27.03	56156.52	56160.72266	56131.88361	56133.24219	504378.7	5408720.1
L4380.0	504378.7	5408718.7	85191.60156	223.91	47.35	48.831431	-86.940336	56185.03	56277	-27.04	56157.99	56162.28906	56132.23719	56133.64844	504378.7	5408718.7
L4380.0	504378.7	5408718.7	85191.70313	223.38	47.35	48.831431	-86.940336	56185.56	56277	-27.04	56158.51	56162.90625	56132.64396	56134.11328	504378.7	5408718.7
L4380.0	504378.7	5408717.3	85191.79688	224.45	42.64	48.831418	-86.940336	56186.06	56277	-27.04	56159.01	56163.50781	56133.04181	56134.56641	504378.7	5408717.3
L4380.0	504378.7	5408715.3	85191.89844	223.92	42.64	48.831400	-86.940336	56187.16	56277	-27.05	56160.12	56164.71875	56133.38869	56134.97266	504378.7	5408715.3
L4380.0	504378.7	5408715.3	85192.00000	224.84	45.15	48.831400	-86.940336	56187.08	56277.1	-27.05	56160.03	56164.73438	56133.80520	56135.44922	504378.7	5408715.3
L4380.0	504378.7	5408713.9	85192.10156	227.16	45.15	48.831388	-86.940336	56187.70	56277.1	-27.05	56160.65	56165.46094	56134.16396	56135.86719	504378.7	5408713.9
L4380.0	504378.7	5408712.5	85192.20313	225.05	47.91	48.831375	-86.940336	56187.90	56277.1	-27.06	56160.85	56165.77344	56134.54027	56136.30859	504378.7	5408712.5
L4380.0	504378.7	5408711.1	85192.29688	223.08	47.91	48.831362	-86.940336	56188.69	56277.1	-27.06	56161.63	56166.66406	56134.86748	56136.69922	504378.7	5408711.1
L4380.0	504378.7	5408711.1	85192.39844	223.07	48.11	48.831362	-86.940336	56189.27	56277.1	-27.06	56162.21	56167.35938	56135.19758	56137.09766	504378.7	5408711.1
L4380.0	504378.7	5408709.7	85192.50000	222.43	45.65	48.831349	-86.940336	56189.07	56277.1	-27.07	56162.00	56167.26563	56135.56993	56137.53906	504378.7	5408709.7
L4380.0	504378.7	5408708.2	85192.60156	223.36	45.65	48.831336	-86.940336	56190.00	56277.1	-27.07	56162.93	56168.31250	56135.85590	56137.89453	504378.7	5408708.2
L4380.0	504378.7	5408706.9	85192.60156	223.36	47.99	48.831324	-86.940336	56190.09	56277.1	-27.07	56163.02	56168.52344	56136.18756	56138.30078	504378.7	5408706.9
L4380.0	504378.7	5408705.5	85192.79688	221.86	48.69	48.831311	-86.940336	56190.02	56277.1	-27.07	56162.95	56168.57422	56136.51964	56138.70703	504378.7	5408705.5
L4380.0	504378.7	5408705.5	85192.89844	223.68	48.69	48.831311	-86.940336	56190.65	56277.1	-27.08	56163.57	56169.32031	56136.79556	56139.05859	504378.7	5408705.5
L4380.0	504378.7	5408703.8	85193.00000	223.09	49.18	48.831297	-86.940337	56189.74	56277.1	-27.08	56162.66	56168.53906	56137.16342	56139.50391	504378.7	5408703.8
L4380.0	504378.7	5408702.2	85193.10156	223.48	49.18	48.831282	-86.940337	56190.65	56277.1	-27.08	56163.57	56169.57813	56137.40002	56139.82031	504378.7	5408702.2
L4380.0	504378.6	5408700.9	85193.20313	225.84	49.18	48.831270	-86.940337	56189.87	56277.1	-27.08	56162.79	56168.92578	56137.73947	56140.24219	504378.6	5408700.9
L4380.0	504378.6	5408699.5	85193.29688	223.86	49.74	48.831258	-86.940337	56190.14	56277.1	-27.08	56163.06	56169.32813	56137.99925	56140.58203	504378.6	5408699.5
L4380.0	504378.6	5408699.5	85193.39844	222.83	49.44	48.831258	-86.940337	56189.74	56277.1	-27.08	56162.66	56169.06641	56138.29420	56140.96484	504378.6	5408699.5
L4380.0	504378.6	5408697.6	85193.50000	223.67	49.74	48.831241	-86.940337	56189.98	56277.1	-27.08	56162.90	56169.44141	56138.53713	56141.29297	504378.6	5408697.6
L4380.0	504378.6	5408696.2	85193.60156	220.02	49.74	48.831228	-86.940337	56190.05	56277.1	-27.09	56162.96	56169.64063	56138.78290	56141.62500	504378.6	5408696.2
L4380.0	504378.6	5408694.7	85193.70313	221.75	49.9	48.831215	-86.940337	56189.50	56277.1	-27.09	56162.42	56169.24219	56139.05969	56141.99219	504378.6	5408694.7
L4380.0	504378.6	5408693.3	85193.79688	222.23	49.9	48.831202	-86.940337	56190.09	56277.1	-27.09	56163.00	56169.96094	56139.25303	56142.27734	504378.6	5408693.3
L4380.0	504378.6	5408693.3	85193.89844	221.17	49.94	48.831202	-86.940337	56189.32	56277.1	-27.09	56162.23	56169.33594	56139.52779	56142.64453	504378.6	5408693.3
L4380.0	504378.6	5408691.6	85194.00000	222.54	50.2	48.831187	-86.940337	56189.15	56277.1	-27.09	56162.06	56169.31250	56139.75419	56142.96484	504378.6	5408691.6
L4380.0	504378.6	5408691.6	85194.10156	222.53	50.2	48.831187	-86.940337	56188.77	56277.1	-27.09	56161.68	56169.07813	56139.98644	56143.29688	504378.6	5408691.6
L4380.0	504378.6	5408690.0	85194.20313	222.27	49.42	48.831172	-86.940337	56188.74	56277.1	-27.09	56161.65	56169.19922	56140.18744	56143.59375	504378.6	5408690.0
L4380.0	504378.6	5408688.1	85194.29688	223.27	49.42	48.831155	-86.940338	56189.07	56277.1	-27.09	56161.98	56169.67969	56140.35673	56143.86328	504378.6	5408688.1
L4380.0	504378.6	5408688.1	85194.39844	223.03	49.9	48.831155	-86.940338	56188.28	56277.1	-27.09	56161.19	56169.03906	56140.59323	56144.19922	504378.6	5408688.1
L4380.0	504378.6	5408686.7	85194.50000	223.39	49.9	48.831142	-86.940338	56188.28	56277.1	-27.09	56161.19	56169.19531	56140.76983	56144.48047	504378.6	5408686.7
L4380.0	504378.6	5408685.0	85194.60156	224.27	41.15	48.831128	-86.940338	56188.52	56277.1	-27.09	56161.43	56169.58984	56140.92344	56144.73828	504378.6	5408685.0
L4380.0	504378.6	5408683.2	85194.60156	224.27	41.15	48.831111	-86.940338	56187.93	56277.1	-27.09	56160.84	56169.15625	56141.12562	56145.04688	504378.6	5408683.2
L4380.0	504378.6	5408682.0	85194.79688	224.95	42.51	48.831100	-86.940338	56187.28	56277.1	-27.09	56160.19	56168.66406	56141.32529	56145.35156	504378.6	5408682.0
L4380.0	504378.6	5408682.0	85194.89844	225.05	42.51	48.831100	-86.940338	56186.94	56277.1	-27.09	56159.85	56168.48438	56141.49802	56145.63281	504378.6	5408682.0
L4380.0	504378.6	5408680.5	85195.00000	225.36	42.3	48.831087	-86.940338	56186.88	56277.1	-27.09	56159.79	56168.58203	56141.64604	56145.89063	504378.6	5408680.5
L4380.0	504378.6	5408679.1	85195.10156	226.52	41.99	48.831074	-86.940338	56186.85	56277.1	-27.09	56159.76	56168.71484	56141.78626	56146.14453	504378.6	5408679.1
L4380.0	504378.6	5408677.7	85195.20313	226.55	41.99	48.831061	-86.940338	56186.50	56277.1	-27.09	56159.42	56168.53516	56141.94159	56146.41406	504378.6	5408677.7
L4380.0	504378.6	5408676.5	85195.29688	225.26	44.25	48.831051	-86.940338	56186.32	56277.1	-27.09	56159.23	56168.51172	56142.08157	56146.66797	504378.6	5408676.5
L4380.0	504378.6	5408676.5	85195.39844	225.76	49.76	48.831051	-86.940338	56187.13	56277.1	-27.09	56160.04	56169.48438	56142.14979	56146.85156	504378.6	5408676.5
L4380.0	504378.6	5408674.8	85195.50000	224.57	49.76	48.831036	-86.940338	56185.58	56277.1	-27.08	56158.49	56168.10156	56142.37047	56147.18750	504378.6	5408674.8
L4380.0	504378.6	5408673.7	85195.60156	225.43	51.3	48.831025	-86.940338	56185.40	56277.1	-27.08	56158.31	56168.08984	56142.49516	56147.42969	504378.6	5408673.7
L4380.0	504378.6	5408672.3	85195.70313	225.08	51.3	48.831013	-86.940338	56185.14	56277.1	-27.08	56158.06	56168.00391	56142.62007	56147.67578	504378.6	5408672.3
L4380.0	504378.6	5408672.3	85195.79688	223.73	50.99	48.831013	-86.940338	56184.22	56277.1	-27.08	56157.14	56167.25391	56142.78543	56147.96094	504378.6	5408672.3
L4380.0	504378.6	5408669.4	85195.89844	223.70	50.99	48.830987	-86.940338	56184.71	56277.1	-27.08	56157.63	56167.91406	56142.85277	56148.15234	504378.6	5408669.4
L4380.0	504378.6	5408669.4	85196.00000	224.01	51.89	48.830987	-86.940338	56184.62	56277.1	-27.08	56157.54	56167.99219	56142.95495	56148.37891	504378.6	5408669.4
L4380.0	504378.6	5408666.6	85196.10156	223.94	52.28	48.830962	-86.940338	56184.29	56277.1	-27.08	56157.21	56167.83203	56143.06951	56148.61719	504378.6	5408666.6
L4380.0	504378.6	5408665.4	85196.20313	225.64	52.28	48.830951	-86.940338	56184.47	56277.1	-27.09	56157.39	56168.18359	56143.14664	56148.82031	504378.6	5408665.4
L4380.0	504378.6	5408665.4	85196.29688	225.31	52.5	48.830951	-86.940338	56183.77	56277.1	-27.09	56156.68	56167.64453	56143.27984	56149.07813	504378.6	5408665.4
L4380.0	504378.6	5408663.5	85196.39844	223.97	52.5	48.830934	-86.940338	56183.05	56277.1	-27.09	56155.95	56167.08984	56143.41129	56149.33984	504378.6	5408663.5
L4380.0	504378.6	5408663.5	85196.50000	225.90	52.18	48.830934	-86.940338	56183.25	56277.1	-27.10	56156.16	56167.46875	56143.47717	56149.53516	504378.6	5408663.5
L4380.0	504378.6	5408662.1	85196.60156	224.42	52.07	48.830921	-86.940338	56182.82	56277.1	-27.10	56155.72	56167.20313	56143.58362	56149.76953	504378.6	5408662.1
L4380.0	504378.6	5408660.9	85196.60156	224.42	52.04	48.830910	-86.940338	56182.95	56277.1	-27.10	56155.85	56167.50781	56143.64946	56149.96484	504378.6	5408660.9
L4380.0	504378.6	5408659.2	85196.79688	222.86	52.04	48.830895	-86.940338	56182.85	56277.1	-27.10	56155.74	56167.57031	56143.72885	56150.17578	504378.6	5408659.2
L4380.0	504378.6	5408659.2	85196.89844	220.38	51.89	48.830895	-86.940338	56182.29	56277.1	-27.11	56155.18	56167.18359	56143.83591	56150.41797	504378.6	5408659.2
L4380.0	504378.6	5408657.6	85197.00000	222.50	51.89	48.830880	-86.940338	56182.87	56277.1	-27.11	56155.76	56167.93750	56143.86478	56150.57813	504378.6	5408657.6
L4380.0	504378.6	5408655.9	85197.10156	222.34	44.46	48.830866	-86.940338	56182.22	56277.1	-27.11	56155.11	56167.46094	56143.97358	56150.82422	504378.6	5408655.9
L4380.0	504378.6	5408654.5	85197.20313	223.77	44.46	48.830853	-86.940338	56182.85	56277.1	-27.12	56155.73	56168.25391	56143.99575	56150.98047	504378.6	5408654.5
L4380.0	504378.6	5408654.5	85197.29688	224.33	45.03	48.830853	-86.940338	56182.04	56277.1	-27.12	56154.92	56167.61719	56144.11141	56151.23047	504378.6	5408654.5
L4380.0	504378.6	5408652.8	85197.39844	221.17	49.04	48.830838	-86.940338	56182.46	56277.1	-27.12	56155.34	56168.21094	56144.14332	56151.39844	504378.6	5408652.8
L4380.0	504378.6	5408651.2	85197.50000	221.52	49.04	48.830823	-86.940338	56182.16	56277.1	-27.13	56155.04	56168.08203	56144.22156	56151.61719	504378.6	5408651.2
L4380.0	504378.6	5408649.8	85197.60156	223.17	51.05	48.830810	-86.940338	56181.26	56277.1	-27.13	56154.13	56167.34766	56144.33891	56151.87109	504378.6	5408649.8
L4380.0	504378.6	5408648.6	85197.70313	221.23	51.05	48.830800	-86.940338	56182.11	56277.1	-27.13	56154.98	56168.37109	56144.33743	56152.00781	504378.6	5408648.6
L4380.0	504378.6	5408648.6	85197.79688	222.69	51.21	48.830800	-86.940338	56181.46	56277.1	-27.13	56154.32	56167.88281	56144.43521	56152.24609	504378.6	5408648.6
L4380.0	504378.6	5408646.7	85197.89844	222.88	51.21	48.830783	-86.940338	56181.88	56277.1	-27.14	56154.74	56168.47266	56144.45963	56152.40625	504378.6	5408646.7
L4380.0	504378.6	5408645.2	85198.00000	221.03	51.8	48.830770	-86.940338	56182.62	56277.1	-27.14	56155.48	56169.38281	56144.46145	56152.55078	504378.6	5408645.2
L4380.0	504378.6	5408645.2	85198.10156	222.85	51.79	48.830770	-86.940338	56181.34	56277.1	-27.14	56154.20	56168.27344	56144.59670	56152.82422	504378.6	5408645.2
L4380.0	504378.6	5408643.9	85198.20313	221.59	51.99	48.830757	-86.940338	56181.47	56277.1	-27.14	56154.33	56168.57422	56144.63679	56153.00781	504378.6	5408643.9
L4380.0	504378.6	5408642.2	85198.29688	222.29	52.12	48.830742	-86.940338	56181.43	56277.1	-27.14	56154.29	56168.70313	56144.68709	56153.19922	504378.6	5408642.2
L4380.0	504378.6	5408640.8	85198.39844	224.84	52.12	48.830730	-86.940338	56181.68	56277.1	-27.14	56154.54	56169.12109	56144.71698	56153.36719	504378.6	5408640.8
L4380.0	504378.6	5408639.7	85198.50000	223.41	52.12	48.830720	-86.940338	56181.46	56277.1	-27.15	56154.31	56169.05859	56144.77784	56153.57031	504378.6	5408639.7
L4380.0	504378.6	5408638.5	85198.60156	225.54	52.54	48.830709	-86.940338	56181.58	56277.1	-27.15	56154.43	56169.34766	56144.81437	56153.75000	504378.6	5408638.5
L4380.0	504378.6	5408638.5	85198.60156	225.54	53.11	48.830709	-86.940338	56181.82	56277.1	-27.15	56154.67	56169.75391	56144.84194	56153.91797	504378.6	5408638.5
L4380.0	504378.6	5408637.0	85198.79688	222.84	53.11	48.830696	-86.940338	56181.40	56277.1	-27.15	56154.25	56169.50000	56144.91258	56154.12891	504378.6	5408637.0
L4380.0	504378.6	5408634.7	85198.89844	222.88	53.53	48.830675	-86.940338	56181.36	56277.1	-27.15	56154.21	56169.62109	56144.95699	56154.31641	504378.6	5408634.7

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4380.0	504378.6	5408634.7	85199.00000	221.89	53.71	48.830675	-86.940338	56181.68	56277.2	-27.15	56154.53	56170.10547	56144.97652	56154.47656	504378.6	5408634.7
L4380.0	504378.6	5408633.1	85199.10156	222.91	53.71	48.830660	-86.940338	56180.83	56277.2	-27.15	56153.68	56169.41797	56145.07321	56154.71484	504378.6	5408633.1
L4380.0	504378.6	5408633.1	85199.20313	223.52	53.57	48.830660	-86.940338	56181.12	56277.2	-27.16	56153.96	56169.85938	56145.09373	56154.87891	504378.6	5408633.1
L4380.0	504378.6	5408631.1	85199.29688	225.84	53.57	48.830643	-86.940338	56181.28	56277.2	-27.16	56154.12	56170.17578	56145.12144	56155.04688	504378.6	5408631.1
L4380.0	504378.6	5408629.7	85199.39844	225.78	47.93	48.830630	-86.940338	56181.28	56277.2	-27.16	56154.12	56170.33594	56145.15903	56155.22656	504378.6	5408629.7
L4380.0	504378.6	5408627.8	85199.50000	225.79	47.93	48.830613	-86.940338	56180.64	56277.2	-27.17	56153.48	56169.85156	56145.23852	56155.44531	504378.6	5408627.8
L4380.0	504378.6	5408626.6	85199.60156	224.32	48.76	48.830602	-86.940338	56180.70	56277.2	-27.17	56153.53	56170.05859	56145.27124	56155.62109	504378.6	5408626.6
L4380.0	504378.6	5408626.6	85199.70313	226.25	48.76	48.830602	-86.940338	56180.70	56277.2	-27.17	56153.53	56170.21094	56145.30656	56155.79688	504378.6	5408626.6
L4380.0	504378.6	5408624.9	85199.79688	225.58	44.66	48.830586	-86.940337	56180.70	56277.2	-27.17	56153.53	56170.36328	56145.34115	56155.96875	504378.6	5408624.9
L4380.0	504378.7	5408623.5	85199.89844	224.35	46.15	48.830574	-86.940337	56181.27	56277.2	-27.18	56154.09	56171.07422	56145.33768	56156.10547	504378.7	5408623.5
L4380.0	504378.7	5408623.5	85200.00000	225.03	46.15	48.830574	-86.940337	56180.72	56277.2	-27.18	56153.54	56170.67578	56145.40752	56156.31641	504378.7	5408623.5
L4380.0	504378.7	5408622.0	85200.10156	223.25	46	48.830561	-86.940337	56181.31	56277.2	-27.18	56154.13	56171.41406	56145.40065	56156.44531	504378.7	5408622.0
L4380.0	504378.7	5408620.4	85200.20313	223.90	46	48.830546	-86.940337	56180.79	56277.2	-27.18	56153.61	56171.03906	56145.46711	56156.65234	504378.7	5408620.4
L4380.0	504378.7	5408618.9	85200.29688	223.36	45.24	48.830533	-86.940337	56180.85	56277.2	-27.18	56153.67	56171.24609	56145.49422	56156.81641	504378.7	5408618.9
L4380.0	504378.7	5408617.2	85200.39844	222.09	43.47	48.830517	-86.940337	56180.90	56277.2	-27.18	56153.72	56171.43750	56145.52135	56156.97656	504378.7	5408617.2
L4380.0	504378.7	5408617.2	85200.50000	222.94	43.47	48.830517	-86.940337	56180.68	56277.2	-27.18	56153.50	56171.35938	56145.56582	56157.15625	504378.7	5408617.2
L4380.0	504378.7	5408614.6	85200.60156	223.06	44.45	48.830494	-86.940337	56181.12	56277.2	-27.18	56153.94	56171.94141	56145.56565	56157.29297	504378.7	5408614.6
L4380.0	504378.7	5408614.6	85200.60156	223.06	43.85	48.830494	-86.940337	56180.24	56277.2	-27.18	56153.06	56171.19922	56145.65286	56157.51172	504378.7	5408614.6
L4380.0	504378.7	5408613.1	85200.79688	223.72	43.85	48.830480	-86.940336	56179.96	56277.2	-27.18	56152.78	56171.05469	56145.69945	56157.69141	504378.7	5408613.1
L4380.0	504378.7	5408613.1	85200.89844	224.67	43.85	48.830480	-86.940336	56180.60	56277.2	-27.18	56153.42	56171.82813	56145.68411	56157.80859	504378.7	5408613.1
L4380.0	504378.7	5408611.7	85201.00000	224.48	47.45	48.830468	-86.940336	56181.28	56277.2	-27.18	56154.10	56172.64063	56145.66551	56157.92188	504378.7	5408611.7
L4380.0	504378.8	5408610.3	85201.10156	224.21	47.45	48.830455	-86.940336	56181.09	56277.2	-27.18	56153.91	56172.58203	56145.70434	56158.08984	504378.8	5408610.3
L4380.0	504378.8	5408608.4	85201.20313	223.75	52.4	48.830438	-86.940336	56180.85	56277.2	-27.18	56153.67	56172.47266	56145.74595	56158.26172	504378.8	5408608.4
L4380.0	504378.8	5408607.0	85201.29688	223.56	52.4	48.830425	-86.940336	56180.42	56277.2	-27.19	56153.23	56172.16016	56145.80034	56158.44141	504378.8	5408607.0
L4380.0	504378.8	5408607.0	85201.39844	223.67	53.92	48.830425	-86.940336	56180.60	56277.2	-27.19	56153.41	56172.46484	56145.81288	56158.58203	504378.8	5408607.0
L4380.0	504378.8	5408605.2	85201.50000	222.40	45.97	48.830410	-86.940336	56180.60	56277.2	-27.19	56153.41	56172.58594	56145.83691	56158.73047	504378.8	5408605.2
L4380.0	504378.8	5408604.1	85201.60156	224.98	45.97	48.830399	-86.940336	56180.33	56277.2	-27.19	56153.14	56172.43750	56145.87844	56158.89453	504378.8	5408604.1
L4380.0	504378.8	5408602.4	85201.70313	225.73	49.74	48.830384	-86.940335	56179.74	56277.2	-27.19	56152.55	56171.96484	56145.94084	56159.08203	504378.8	5408602.4
L4380.0	504378.8	5408601.2	85201.79688	222.50	49.33	48.830374	-86.940335	56179.33	56277.2	-27.20	56152.13	56171.66406	56145.99145	56159.25391	504378.8	5408601.2
L4380.0	504378.8	5408599.8	85201.89844	221.26	50.73	48.830361	-86.940335	56179.89	56277.2	-27.20	56152.69	56172.33984	56145.97629	56159.35547	504378.8	5408599.8
L4380.0	504378.8	5408598.6	85202.00000	220.99	50.73	48.830350	-86.940335	56180.16	56277.2	-27.20	56152.96	56172.72266	56145.98005	56159.48047	504378.8	5408598.6
L4380.0	504378.8	5408598.6	85202.10156	220.80	50.73	48.830350	-86.940335	56180.12	56277.2	-27.20	56152.92	56172.79297	56146.00407	56159.62109	504378.8	5408598.6
L4380.0	504378.8	5408597.2	85202.20313	221.94	48.81	48.830338	-86.940335	56179.91	56277.2	-27.20	56152.71	56172.69141	56146.03904	56159.76953	504378.8	5408597.2
L4380.0	504378.8	5408595.6	85202.29688	220.97	48.81	48.830323	-86.940335	56179.31	56277.2	-27.20	56152.10	56172.18750	56146.10031	56159.94531	504378.8	5408595.6
L4380.0	504378.8	5408595.6	85202.39844	222.55	47.58	48.830323	-86.940335	56179.33	56277.2	-27.20	56152.12	56172.31250	56146.11923	56160.07422	504378.8	5408595.6
L4380.0	504378.8	5408593.9	85202.50000	223.57	50.51	48.830308	-86.940335	56179.59	56277.2	-27.21	56152.39	56172.68750	56146.12115	56160.18750	504378.8	5408593.9
L4380.0	504378.9	5408592.1	85202.60156	222.69	50.19	48.830292	-86.940335	56179.07	56277.2	-27.21	56151.87	56172.26563	56146.17541	56160.34766	504378.9	5408592.1
L4380.0	504378.9	5408590.5	85202.60156	222.69	50.19	48.830278	-86.940335	56179.73	56277.2	-27.21	56152.53	56173.02344	56146.15070	56160.42969	504378.9	5408590.5
L4380.0	504378.9	5408589.5	85202.79688	221.27	45.56	48.830269	-86.940335	56179.05	56277.2	-27.21	56151.84	56172.43359	56146.21569	56160.60156	504378.9	5408589.5
L4380.0	504378.9	5408589.5	85202.89844	222.18	45.3	48.830269	-86.940335	56179.24	56277.2	-27.21	56152.03	56172.71484	56146.22172	56160.70703	504378.9	5408589.5
L4380.0	504378.9	5408588.1	85203.00000	221.78	45.3	48.830256	-86.940335	56179.18	56277.2	-27.21	56151.97	56172.75000	56146.24414	56160.83203	504378.9	5408588.1
L4380.0	504378.9	5408586.5	85203.10156	220.06	48.99	48.830241	-86.940334	56178.67	56277.2	-27.21	56151.46	56172.32813	56146.29629	56160.98438	504378.9	5408586.5
L4380.0	504378.9	5408585.3	85203.20313	223.29	48.99	48.830230	-86.940334	56179.26	56277.2	-27.21	56152.05	56173.00781	56146.27484	56161.05859	504378.9	5408585.3
L4380.0	504378.9	5408583.8	85203.29688	223.57	49.13	48.830217	-86.940334	56178.95	56277.2	-27.21	56151.73	56172.77344	56146.31379	56161.19141	504378.9	5408583.8
L4380.0	504378.9	5408582.9	85203.39844	222.47	55.76	48.830208	-86.940334	56179.64	56277.2	-27.21	56152.42	56173.54688	56146.28513	56161.25781	504378.9	5408582.9
L4380.0	504379.0	5408581.3	85203.50000	223.67	55.76	48.830194	-86.940334	56179.14	56277.2	-27.21	56151.93	56173.14063	56146.33489	56161.39844	504379.0	5408581.3
L4380.0	504379.0	5408581.3	85203.60156	223.08	52.76	48.830194	-86.940334	56179.25	56277.2	-27.22	56152.03	56173.32031	56146.34504	56161.49609	504379.0	5408581.3
L4380.0	504379.0	5408578.4	85203.70313	222.54	52.76	48.830168	-86.940334	56178.79	56277.2	-27.22	56151.58	56172.94531	56146.39159	56161.62891	504379.0	5408578.4
L4380.0	504379.0	5408578.4	85203.79688	225.54	40.41	48.830168	-86.940334	56179.11	56277.2	-27.22	56151.89	56173.33203	56146.38720	56161.70703	504379.0	5408578.4
L4380.0	504379.0	5408577.0	85203.89844	226.09	40.41	48.830156	-86.940334	56179.10	56277.2	-27.22	56151.88	56173.39844	56146.40387	56161.80859	504379.0	5408577.0
L4380.0	504379.0	5408575.5	85204.00000	226.23	44.53	48.830143	-86.940333	56179.31	56277.2	-27.22	56152.08	56173.66797	56146.40625	56161.89063	504379.0	5408575.5
L4380.0	504379.0	5408575.5	85204.10156	227.72	45.47	48.830143	-86.940333	56179.04	56277.2	-27.22	56151.81	56173.46875	56146.43967	56162.00000	504379.0	5408575.5
L4380.0	504379.0	5408574.1	85204.20313	224.00	45.47	48.830130	-86.940333	56179.10	56277.2	-27.22	56151.88	56173.60547	56146.45012	56162.08594	504379.0	5408574.1
L4380.0	504379.0	5408572.6	85204.29688	223.17	42.75	48.830116	-86.940334	56178.89	56277.2	-27.22	56151.67	56173.46094	56146.47893	56162.18750	504379.0	5408572.6
L4380.0	504379.0	5408571.4	85204.39844	222.58	46.33	48.830106	-86.940334	56179.19	56277.2	-27.22	56151.96	56173.81641	56146.47409	56162.25391	504379.0	5408571.4
L4380.0	504379.0	5408569.8	85204.50000	223.41	46.33	48.830091	-86.940334	56179.33	56277.2	-27.23	56152.10	56174.01953	56146.47892	56162.32422	504379.0	5408569.8
L4380.0	504379.0	5408568.6	85204.60156	223.24	49.9	48.830080	-86.940334	56179.48	56277.2	-27.23	56152.25	56174.23047	56146.48273	56162.39453	504379.0	5408568.6
L4380.0	504379.0	5408567.6	85204.60156	223.24	49.9	48.830072	-86.940334	56179.43	56277.2	-27.23	56152.20	56174.23828	56146.49953	56162.47656	504379.0	5408567.6
L4380.0	504378.9	5408566.4	85204.79688	223.07	48.49	48.830060	-86.940334	56178.98	56277.2	-27.23	56151.75	56173.84375	56146.54264	56162.57813	504378.9	5408566.4
L4380.0	504378.9	5408565.3	85204.89844	223.71	48.49	48.830050	-86.940334	56179.05	56277.2	-27.23	56151.82	56173.96875	56146.55070	56162.64453	504378.9	5408565.3
L4380.0	504378.9	5408564.0	85205.00000	223.05	51.2	48.830039	-86.940334	56179.00	56277.2	-27.23	56151.77	56173.97266	56146.56638	56162.71875	504378.9	5408564.0
L4380.0	504378.9	5408562.6	85205.10156	223.76	44.93	48.830026	-86.940334	56179.06	56277.2	-27.23	56151.83	56174.08203	56146.57433	56162.77734	504378.9	5408562.6
L4380.0	504378.9	5408560.7	85205.20313	221.86	44.93	48.830009	-86.940335	56178.89	56277.2	-27.23	56151.66	56173.96094	56146.59720	56162.85156	504378.9	5408560.7
L4380.0	504378.9	5408560.7	85205.29688	222.21	47.55	48.830009	-86.940335	56178.75	56277.2	-27.24	56151.52	56173.87109	56146.61766	56162.92188	504378.9	5408560.7
L4380.0	504378.9	5408559.2	85205.39844	222.54	47.55	48.829995	-86.940335	56179.43	56277.2	-27.24	56152.19	56174.58594	56146.58369	56162.93359	504378.9	5408559.2
L4380.0	504378.9	5408559.2	85205.50000	220.45	48.54	48.829995	-86.940335	56178.92	56277.2	-27.24	56151.68	56174.11719	56146.62794	56163.01953	504378.9	5408559.2
L4380.0	504378.9	5408557.8	85205.60156	222.38	48.54	48.829983	-86.940335	56179.14	56277.2	-27.24	56151.90	56174.38281	56146.62308	56163.05469	504378.9	5408557.8
L4380.0	504378.8	5408555.1	85205.70313	221.39	48.54	48.829959	-86.940336	56179.15	56277.2	-27.24	56151.90	56174.42188	56146.63243	56163.10547	504378.8	5408555.1
L4380.0	504378.8	5408555.1	85205.79688	220.12	48.54	48.829959	-86.940336	56178.54	56277.2	-27.25	56151.29	56173.85156	56146.68197	56163.18750	504378.8	5408555.1
L4380.0	504378.8	5408553.7	85205.89844	220.71	52.62	48.829946	-86.940336	56179.32	56277.2	-27.25	56152.07	56174.66797	56146.63837	56163.17969	504378.8	5408553.7
L4380.0	504378.8	5408550.6	85206.20313	222.51	48.53	48.829918	-86.940336	56178.87	56277.2	-27.25	56151.62	56174.25391	56146.67627	56163.24609	504378.8	5408550.6
L4380.0	504378.8	5408549.1	85206.29688	221.34	48.53	48.829905	-86.940337	56178.70	56277.2	-27.25	56151.46	56174.12891	56146.69435	56163.29297	504378.8	5408549.1
L4380.0	504378.8	5408547.7	85206.39844	221.54	46.4	48.829893	-86.940337	56179.25	56277.2	-27.25	56152.00	56174.69922	56146.66525	56163.28906	504378.8	5408547.7
L4380.0	504378.8	5408546.3	85206.50000	222.66	46.4	48.829879	-86.940337	56178.56	56277.2	-27.25	56151.32	56174.05078	56146.71697	56163.36328	504378.8	5408546.3
L4380.0	504378.8	5408545.1	85206.60156	222.39	48.36	48.829869	-86.940337	56178.78	56277.2	-27.24	56151.53	56174.29297	56146.70883	56163.37500	504378.8	5408545.1
L4380.0	504378.8	5408545.1	85206.60156	222.39	51.27	48.829869	-86.940337	56178.56	56277.2	-27.24	56151.32	56174.10938	56146.72815	56163.41016	504378.8	5408545.1
L4380.0	504378.7	5408543.2	85206.79688	224.13	54.17	48.829852	-86.940337	56178.27	56277.2	-27.24	56151.03	56173.84766	56146.75227	56163.44922	504378.7	5408543.2
L4380.0	504378.7	5408541.8	85206.89844	222.30	54.17	48.829839	-86.940337	56178.74	56277.2	-27.24	56151.50	56174.33984	56146.72517	56163.43359	504378.7	5408541.8
L4380.0	504378.7	5408540.1	85207.00000	222.33	54.35	48.829823	-86.940337	56178.56	56277.2	-27.24	56151.32	56174.18359	56146.74084	56163.46094	504378.7	5408540.1
L4380.0	504378.7	5408540.1	85207.10156	223.67	54.35	48.829823	-86.940337	56178.95	56277.2	-27.24	56151.71	56174.59766	56146.71794	56163.44531	504378.7	5408540.1
L4380.0	504378.7	5408538.4	85207.20313	224.33	54.35	48.829809	-86.940338	56178.93	56277.2	-27.24	56151.69	56174.59766	56146.72180	56163.45313	504378.7	5408538.4
L4380.0	504378.7	5408537.0	85207.29688	224.86	52.8	48.829796	-86.940338	56178.67	56277.2	-27.24	56151.43	56174.35938	56146.74108	56163.47266	504378.7	5408537.0
L4380.0	504378.7	5408537.0	85207.39844	223.68	54.93	48.829796	-86.940338	56178.68	56277.2	-27.24	56151.44	56174.38672	56146.74177	56163.47266	504378.7	5408537.0
L4380.0	504378.7	5408535.3	85207.50000	225.22	54.93	48.829781	-86.940338	56178.77	56277.2	-27.24	56151.53	56174.49219	56146.73652	56163.46484	504378.7	5408535.3
L4380.0	504378.7	5408533.7	85207.60156	227.95	53.92	48.829766	-86.940338	56178.50	56277.2	-27.24	56151.26	56174.23828	56146.75468	56163.47656	504378.7	5408533.7
L4380.0	504378.7	5408532.2	85207.70313	226.97	53.92	48.829753	-86.940338	56178.41	56277.2	-27.24	56151.17	56174.16406	56146.76023	56163.47266	504378.7	5408532.2
L4380.0	504378.7	5408530.6	85207.79688	226.99	47.07	48.829738	-86.940338	56178.38	56277.2	-27.24	56151.14	56174.14844	56146.76116	56163.46484	504378.7	5408530.6
L4380.0	504378.7	5408530.6	85207.89844	227.04	47.07	48.829738	-86.940338	56178.26	56277.2	-27.24	56151.02	56174.03906	56146.76747	56163.45703	504378.7	5408530.6
L4380.0	504378.7	5408528.6	85208.00000	227.11	46.93	48.829720	-86.940338	56178.53	56277.2	-27.24	56151.29	56174.32031	56146.74717	56163.41797	504378.7	5408528.6
L4380.0	504378.7	5408527.2	85208.10156	228.28	46.93	48.829708	-86.940338	56178.46	56277.2	-27.24	56151.22	56174.25781	56146.74891	56163.40234	504378.7	5408527.2
L4380.0	504378.6	5408526.0	85208.20313	228.67	43.83	48.829697	-86.940339	56178.63	56277.2	-27.24	56151.39	56174.43750	56146.73402	56163.36719	504378.6	5408526.0
L4380.0	504378.6	5408526.0	85208.29688	229.33	46.38	48.829697	-86.940339	56178.70	56277.2	-27.24	56151.46	56174.51563	56146.72517	56163.33594	504378.6	5408526.0
L4380.0	504378.6	5408524.6	85208.39844	228.70	46.38	48.829684	-86.940339	56178.63	56277.2	-27.24	56151.39	56174.44922	56146.72503	56163.30859	504378.6	5408524.6

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4380.0	504378.6	5408523.4	85208.50000	228.21	48.46	48.829673	-86.940339	56178.27	56277.2	-27.24	56151.04	56174.10547	56146.74294	56163.29688	504378.6	5408523.4
L4380.0	504378.6	5408521.7	85208.60156	228.31	48.46	48.829658	-86.940339	56178.46	56277.2	-27.23	56151.23	56174.30078	56146.72422	56163.24609	504378.6	5408521.7
L4380.0	504378.6	5408521.7	85208.60156	228.31	44.41	48.829658	-86.940339	56177.96	56277.2	-27.23	56150.73	56173.80078	56146.75088	56163.24219	504378.6	5408521.7
L4380.0	504378.6	5408520.0	85208.79688	226.35	44.41	48.829643	-86.940339	56178.34	56277.2	-27.23	56151.11	56174.18359	56146.71827	56163.17188	504378.6	5408520.0
L4380.0	504378.6	5408518.8	85208.89844	225.11	46.59	48.829632	-86.940339	56177.94	56277.2	-27.23	56150.71	56173.78516	56146.73705	56163.15234	504378.6	5408518.8
L4380.0	504378.6	5408516.9	85209.00000	224.16	55.86	48.829615	-86.940339	56178.07	56277.2	-27.23	56150.84	56173.91406	56146.71989	56163.09375	504378.6	5408516.9
L4380.0	504378.6	5408516.9	85209.10156	222.37	55.86	48.829615	-86.940339	56177.99	56277.2	-27.23	56150.76	56173.83203	56146.71615	56163.05078	504378.6	5408516.9
L4380.0	504378.6	5408515.5	85209.20313	220.76	55.89	48.829602	-86.940339	56178.08	56277.2	-27.23	56150.85	56173.92188	56146.70049	56162.98828	504378.6	5408515.5
L4380.0	504378.6	5408507.8	85209.89844	220.58	52.7	48.829534	-86.940339	56177.63	56277.2	-27.23	56150.40	56173.46875	56146.72026	56162.96094	504378.6	5408507.8
L4380.0	504378.6	5408506.4	85210.00000	221.41	54.12	48.829521	-86.940339	56177.99	56277.2	-27.23	56150.76	56173.82422	56146.68547	56162.87500	504378.6	5408506.4
L4380.0	504378.6	5408504.7	85210.10156	222.37	54.12	48.829505	-86.940340	56177.84	56277.2	-27.23	56150.61	56173.66797	56146.68413	56162.82422	504378.6	5408504.7
L4380.0	504378.6	5408502.8	85210.20313	224.29	53.15	48.829488	-86.940340	56178.38	56277.2	-27.23	56151.14	56174.19141	56146.63693	56162.72266	504378.6	5408502.8
L4380.0	504378.6	5408502.8	85210.29688	223.79	53.15	48.829488	-86.940340	56177.51	56277.2	-27.23	56150.28	56173.32422	56146.68188	56162.71094	504378.6	5408502.8
L4380.0	504378.6	5408501.7	85210.39844	225.72	56.33	48.829478	-86.940340	56177.32	56277.2	-27.23	56150.09	56173.12500	56146.68165	56162.65234	504378.6	5408501.7
L4380.0	504378.6	5408500.2	85210.50000	227.58	56.33	48.829465	-86.940340	56177.59	56277.2	-27.24	56150.35	56173.37891	56146.65094	56162.56250	504378.6	5408500.2
L4380.0	504378.6	5408498.8	85210.60156	227.81	56.85	48.829452	-86.940340	56177.43	56277.2	-27.24	56150.20	56173.21875	56146.64709	56162.49609	504378.6	5408498.8
L4380.0	504378.5	5408497.1	85210.60156	227.81	56.85	48.829437	-86.940340	56177.51	56277.2	-27.24	56150.28	56173.28516	56146.62744	56162.41016	504378.5	5408497.1
L4380.0	504378.5	5408497.1	85210.79688	225.61	56.85	48.829437	-86.940340	56176.62	56277.2	-27.24	56149.38	56172.37500	56146.67269	56162.39063	504378.5	5408497.1
L4380.0	504378.5	5408495.2	85210.89844	225.65	56.44	48.829420	-86.940340	56176.51	56277.2	-27.24	56149.27	56172.25391	56146.66485	56162.31250	504378.5	5408495.2
L4380.0	504378.5	5408493.8	85211.00000	225.19	56.44	48.829407	-86.940341	56176.85	56277.2	-27.24	56149.61	56172.57813	56146.62660	56162.20703	504378.5	5408493.8
L4380.0	504378.5	5408492.4	85211.10156	224.16	56.65	48.829394	-86.940341	56176.54	56277.2	-27.24	56149.30	56172.25391	56146.63129	56162.13672	504378.5	5408492.4
L4380.0	504378.5	5408490.7	85211.20313	221.75	56.65	48.829380	-86.940341	56176.80	56277.2	-27.24	56149.56	56172.50000	56146.59761	56162.03125	504378.5	5408490.7
L4380.0	504378.5	5408490.7	85211.29688	223.11	56.75	48.829380	-86.940341	56176.82	56277.2	-27.24	56149.59	56172.51172	56146.57890	56161.93750	504378.5	5408490.7
L4380.0	504378.5	5408488.8	85211.39844	222.75	56.75	48.829362	-86.940341	56176.53	56277.2	-27.24	56149.30	56172.20703	56146.58118	56161.85938	504378.5	5408488.8
L4380.0	504378.5	5408487.6	85211.50000	225.36	57.04	48.829352	-86.940341	56176.52	56277.2	-27.24	56149.28	56172.16797	56146.56514	56161.76563	504378.5	5408487.6
L4380.0	504378.5	5408487.6	85211.60156	227.73	57.04	48.829352	-86.940341	56176.54	56277.2	-27.23	56149.31	56172.17969	56146.54545	56161.66406	504378.5	5408487.6
L4380.0	504378.5	5408485.9	85211.70313	226.51	56.96	48.829337	-86.940341	56176.60	56277.2	-27.23	56149.36	56172.21094	56146.52414	56161.55859	504378.5	5408485.9
L4380.0	504378.5	5408484.3	85211.79688	226.75	56.96	48.829322	-86.940341	56177.00	56277.2	-27.23	56149.77	56172.59766	56146.47856	56161.42969	504378.5	5408484.3
L4380.0	504378.5	5408482.8	85211.89844	227.48	57.11	48.829308	-86.940341	56176.43	56277.2	-27.23	56149.20	56172.00781	56146.49805	56161.36328	504378.5	5408482.8
L4380.0	504378.5	5408481.4	85212.00000	223.49	57.11	48.829296	-86.940341	56176.14	56277.2	-27.23	56148.91	56171.69531	56146.49864	56161.27344	504378.5	5408481.4
L4380.0	504378.5	5408481.4	85212.10156	224.49	56.82	48.829296	-86.940341	56176.44	56277.2	-27.24	56149.21	56171.97266	56146.45968	56161.14844	504378.5	5408481.4
L4380.0	504378.5	5408479.9	85212.20313	223.96	56.82	48.829283	-86.940341	56176.16	56277.2	-27.24	56148.92	56171.66016	56146.45986	56161.05469	504378.5	5408479.9
L4380.0	504378.5	5408478.6	85212.29688	224.72	57	48.829271	-86.940341	56176.10	56277.2	-27.25	56148.86	56171.57422	56146.44453	56160.94922	504378.5	5408478.6
L4380.0	504378.5	5408478.6	85212.39844	225.71	57	48.829271	-86.940341	56175.86	56277.3	-27.25	56148.61	56171.29688	56146.44171	56160.85156	504378.5	5408478.6
L4380.0	504378.5	5408477.2	85212.50000	225.77	57.03	48.829258	-86.940342	56176.23	56277.3	-27.26	56148.97	56171.63281	56146.39810	56160.71094	504378.5	5408477.2
L4380.0	504378.5	5408475.5	85212.60156	226.31	57.24	48.829243	-86.940342	56176.57	56277.3	-27.26	56149.31	56171.94531	56146.35572	56160.57422	504378.5	5408475.5
L4380.0	504378.4	5408474.1	85212.60156	226.31	57.24	48.829230	-86.940342	56176.37	56277.3	-27.26	56149.11	56171.71484	56146.34927	56160.46875	504378.4	5408474.1
L4380.0	504378.4	5408472.7	85212.79688	222.70	57.39	48.829217	-86.940342	56176.43	56277.3	-27.27	56149.16	56171.73828	56146.32611	56160.34766	504378.4	5408472.7
L4380.0	504378.4	5408472.7	85212.89844	222.47	57.22	48.829217	-86.940342	56175.91	56277.3	-27.28	56148.64	56171.18750	56146.34094	56160.26172	504378.4	5408472.7
L4380.0	504378.4	5408470.5	85213.00000	220.20	57.22	48.829198	-86.940342	56176.12	56277.3	-27.28	56148.84	56171.35547	56146.30779	56160.12500	504378.4	5408470.5
L4380.0	504378.4	5408470.5	85213.10156	220.68	57.05	48.829198	-86.940342	56175.82	56277.3	-27.28	56148.54	56171.02344	56146.30803	56160.02344	504378.4	5408470.5
L4380.0	504378.4	5408469.1	85213.20313	221.68	56.82	48.829185	-86.940342	56175.78	56277.3	-27.28	56148.51	56170.96094	56146.29036	56159.90234	504378.4	5408469.1
L4380.0	504378.4	5408467.6	85213.29688	220.94	56.82	48.829172	-86.940343	56175.82	56277.3	-27.27	56148.55	56170.96875	56146.26816	56159.77344	504378.4	5408467.6
L4380.0	504378.4	5408466.2	85213.39844	220.64	57.04	48.829159	-86.940343	56175.50	56277.3	-27.27	56148.23	56170.61328	56146.27013	56159.66797	504378.4	5408466.2
L4380.0	504378.4	5408464.6	85213.50000	221.49	57.04	48.829144	-86.940343	56175.08	56277.3	-27.27	56147.81	56170.16016	56146.27898	56159.57031	504378.4	5408464.6
L4380.0	504378.4	5408464.6	85213.60156	220.61	56.74	48.829144	-86.940343	56174.96	56277.3	-27.27	56147.69	56170.00391	56146.26808	56159.44922	504378.4	5408464.6
L4380.0	504378.4	5408462.7	85213.70313	222.59	56.63	48.829127	-86.940343	56174.73	56277.3	-27.27	56147.46	56169.73438	56146.26481	56159.33594	504378.4	5408462.7
L4380.0	504378.4	5408462.7	85213.79688	221.29	56.63	48.829127	-86.940343	56175.04	56277.3	-27.26	56147.77	56170.00781	56146.22587	56159.18750	504378.4	5408462.7
L4380.0	504378.3	5408455.8	85214.29688	220.09	51.61	48.829066	-86.940344	56174.20	56277.3	-27.28	56146.92	56169.12109	56146.26465	56159.11719	504378.3	5408455.8
L4380.0	504378.3	5408455.8	85214.39844	220.18	55.9	48.829066	-86.940344	56174.38	56277.3	-27.28	56147.10	56169.26172	56146.23519	56158.97266	504378.3	5408455.8
L4380.0	504378.3	5408453.9	85214.50000	220.69	55.9	48.829048	-86.940344	56174.17	56277.3	-27.28	56146.88	56169.00000	56146.23285	56158.85938	504378.3	5408453.9
L4380.0	504378.3	5408452.5	85214.60156	223.34	55.16	48.829036	-86.940344	56174.12	56277.3	-27.29	56146.83	56168.91016	56146.21968	56158.73047	504378.3	5408452.5
L4380.0	504378.3	5408451.2	85214.60156	223.34	55.16	48.829024	-86.940344	56173.91	56277.3	-27.29	56146.62	56168.65625	56146.21772	56158.61328	504378.3	5408451.2
L4380.0	504378.3	5408449.6	85214.79688	224.80	48	48.829010	-86.940344	56173.54	56277.3	-27.30	56146.24	56168.23438	56146.22768	56158.50781	504378.3	5408449.6
L4380.0	504378.3	5408449.6	85214.89844	223.19	48	48.829010	-86.940344	56173.60	56277.3	-27.31	56146.29	56168.23828	56146.20958	56158.37500	504378.3	5408449.6
L4380.0	504378.3	5408448.2	85215.00000	225.60	54.34	48.828998	-86.940344	56173.91	56277.3	-27.31	56146.60	56168.50391	56146.17480	56158.22266	504378.3	5408448.2
L4380.0	504378.3	5408447.1	85215.10156	226.72	57.28	48.828987	-86.940344	56173.58	56277.3	-27.31	56146.27	56168.12891	56146.18337	56158.11328	504378.3	5408447.1
L4380.0	504378.3	5408445.4	85215.20313	225.98	57.28	48.828972	-86.940344	56173.74	56277.3	-27.31	56146.43	56168.24219	56146.15998	56157.97266	504378.3	5408445.4
L4380.0	504378.3	5408443.9	85215.29688	226.34	57.37	48.828959	-86.940344	56173.95	56277.3	-27.31	56146.65	56168.41406	56146.13333	56157.82813	504378.3	5408443.9
L4380.0	504378.3	5408442.8	85215.39844	225.49	57.37	48.828949	-86.940344	56173.76	56277.3	-27.31	56146.46	56168.17578	56146.13479	56157.70703	504378.3	5408442.8
L4380.0	504378.3	5408441.6	85215.50000	224.22	56.48	48.828938	-86.940344	56173.76	56277.3	-27.31	56146.46	56168.12500	56146.12436	56157.57813	504378.3	5408441.6
L4380.0	504378.3	5408441.6	85215.60156	224.95	46.59	48.828938	-86.940344	56173.54	56277.3	-27.30	56146.23	56167.84375	56146.13008	56157.46484	504378.3	5408441.6
L4380.0	504378.3	5408440.2	85215.70313	224.52	46.59	48.828925	-86.940344	56173.09	56277.3	-27.30	56145.78	56167.34375	56146.15129	56157.36328	504378.3	5408440.2
L4380.0	504378.3	5408438.8	85215.79688	225.01	49	48.828912	-86.940344	56173.31	56277.3	-27.30	56146.01	56167.51953	56146.12801	56157.21875	504378.3	5408438.8
L4380.0	504378.3	5408437.3	85215.89844	226.13	49	48.828899	-86.940344	56173.64	56277.3	-27.30	56146.34	56167.79688	56146.09892	56157.07031	504378.3	5408437.3
L4380.0	504378.3	5408437.3	85216.00000	226.06	57.69	48.828899	-86.940344	56173.44	56277.3	-27.30	56146.14	56167.54297	56146.10603	56156.95313	504378.3	5408437.3
L4380.0	504378.3	5408435.4	85216.10156	226.06	57.6	48.828882	-86.940344	56173.64	56277.3	-27.30	56146.34	56167.68750	56146.08735	56156.81250	504378.3	5408435.4
L4380.0	504378.3	5408434.2	85216.20313	225.37	57.6	48.828871	-86.940344	56173.46	56277.3	-27.31	56146.15	56167.44141	56146.09556	56156.69922	504378.3	5408434.2
L4380.0	504378.4	5408432.8	85216.29688	225.71	57.91	48.828859	-86.940343	56173.37	56277.3	-27.31	56146.06	56167.29297	56146.09798	56156.57813	504378.4	5408432.8
L4380.0	504378.4	5408431.4	85216.39844	225.25	57.91	48.828846	-86.940343	56173.43	56277.3	-27.32	56146.12	56167.29688	56146.09130	56156.44531	504378.4	5408431.4
L4380.0	504378.4	5408430.0	85216.50000	224.15	58.14	48.828833	-86.940343	56173.61	56277.3	-27.32	56146.29	56167.40625	56146.07818	56156.30859	504378.4	5408430.0
L4380.0	504378.4	5408430.0	85216.60156	224.72	57.97	48.828833	-86.940343	56173.48	56277.3	-27.32	56146.16	56167.21484	56146.08594	56156.19531	504378.4	5408430.0
L4380.0	504378.4	5408428.3	85216.60156	224.72	47.14	48.828818	-86.940343	56173.42	56277.3	-27.32	56146.09	56167.08594	56146.09060	56156.07422	504378.4	5408428.3
L4380.0	504378.4	5408426.6	85216.79688	223.44	47.14	48.828803	-86.940343	56173.79	56277.3	-27.33	56146.45	56167.38281	56146.06747	56155.92578	504378.4	5408426.6
L4380.0	504378.4	5408426.6	85216.89844	224.54	49.42	48.828803	-86.940343	56173.03	56277.3	-27.34	56145.69	56166.55859	56146.11988	56155.85547	504378.4	5408426.6
L4380.0	504378.4	5408425.5	85217.00000	225.42	53.95	48.828793	-86.940343	56173.65	56277.3	-27.34	56146.31	56167.11719	56146.08116	56155.69141	504378.4	5408425.5
L4380.0	504378.4	5408423.8	85217.10156	224.43	53.95	48.828778	-86.940343	56173.51	56277.3	-27.34	56146.17	56166.91016	56146.09396	56155.57813	504378.4	5408423.8
L4380.0	504378.4	5408422.4	85217.20313	226.19	58.22	48.828765	-86.940343	56173.84	56277.3	-27.34	56146.50	56167.17578	56146.07628	56155.43750	504378.4	5408422.4
L4380.0	504378.4	5408420.9	85217.29688	225.39	58.22	48.828752	-86.940343	56173.74	56277.3	-27.35	56146.39	56166.99609	56146.08877	56155.32422	504378.4	5408420.9
L4380.0	504378.4	5408419.3	85217.39844	225.00	58.14	48.828737	-86.940343	56173.47	56277.3	-27.35	56146.12	56166.66016	56146.11274	56155.22266	504378.4	5408419.3
L4380.0	504378.4	5408418.4	85217.50000	224.19	58.14	48.828729	-86.940343	56173.56	56277.3	-27.35	56146.21	56166.67969	56146.11351	56155.09766	504378.4	5408418.4
L4380.0	504378.4	5408418.4	85217.60156	222.37	57.34	48.828729	-86.940343	56173.23	56277.4	-27.35	56145.88	56166.28125	56146.14308	56155.00391	504378.4	5408418.4
L4380.0	504378.5	5408416.9	85217.70313	222.54	58.19	48.828716	-86.940342	56173.49	56277.4	-27.35	56146.14	56166.47266	56146.13408	56154.87109	504378.5	5408416.9
L4380.0	504378.5	5408415.5	85217.79688	222.82	58.19	48.828703	-86.940342	56173.76	56277.4	-27.36	56146.41	56166.66797	56146.12516	56154.73438	504378.5	5408415.5
L4380.0	504378.5	5408414.1	85217.89844	222.50	58.23	48.828690	-86.940342	56174.12	56277.4	-27.36	56146.76	56166.94531	56146.11164	56154.59766	504378.5	5408414.1
L4380.0	504378.5	5408412.6	85218.00000	222.64	58.44	48.828677	-86.940342	56174.35	56277.4	-27.36	56146.99	56167.10547	56146.10682	56154.46484	504378.5	5408412.6
L4380.0	504378.5	5408412.6	85218.10156	223.20	58.44	48.828677	-86.940342	56173.56	56277.4	-27.36	56146.20	56166.23828	56146.17069	56154.40625	504378.5	5408412.6
L4380.0	504378.5	5408411.0	85218.20313	223.97	58	48.828662	-86.940342	56173.91	56277.4	-27.36	56146.56	56166.52344	56146.15855	56154.26953	504378.5	5408411.0
L4380.0	504378.5	5408409.6	85218.29688	223.81	43.1	48.828650	-86.940342	56174.40	56277.4	-27.36	56147.04	56166.92969	56146.13905	56154.12500	504378.5	5408409.6
L4380.0	504378.5	5408409.6	85218.39844	223.30	43.1	48.828650	-86.940342	56174.25	56277.4	-27.36	56146.89	56166.70313	56146.16216	56154.01953	504378.5	5408409.6
L4380.0	504378.5	5408407.9	85218.50000	224.00	47.06	48.828635	-86.940341	56174.27	56277.4	-27.36	56146.91	56166.64453	56146.17451	56153.91016	504378.5	5408407.9
L4380.0	504378.5	5408406.5	85218.60156	223.25	47.06	48.828622	-86.940341	56173.99	56277.4	-27.35	56146.64	56166.29297	56146.20675	56153.81641	504378.5	5408406.5
L4380.0	504378.5	5408405.1	85218.60156	223.25	53.74	48.828609	-86.940341	56174.11	56277.4	-27.35	56146.75	56166.32422	56146.21418	56153.69922	504378.5	5408405.1

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4380.0	504378.5	5408403.9	85218.79688	224.13	53.74	48.828599	-86.940341	56174.87	56277.4	-27.35	56147.51	56167.00391	56146.17878	56153.53906	504378.5	5408403.9
L4380.0	504378.5	5408403.9	85218.89844	222.45	58.31	48.828599	-86.940341	56174.14	56277.4	-27.35	56146.79	56166.20313	56146.24251	56153.47656	504378.5	5408403.9
L4380.0	504378.6	5408401.8	85219.00000	222.98	57.58	48.828579	-86.940341	56174.52	56277.3	-27.35	56147.17	56166.50000	56146.23333	56153.34375	504378.6	5408401.8
L4380.0	504378.6	5408400.4	85219.10156	223.51	57.58	48.828567	-86.940341	56174.52	56277.4	-27.35	56147.17	56166.41797	56146.24989	56153.23828	504378.6	5408400.4
L4380.0	504378.6	5408398.9	85219.20313	221.41	58.43	48.828554	-86.940341	56174.70	56277.4	-27.36	56147.34	56166.50391	56146.25549	56153.11719	504378.6	5408398.9
L4380.0	504378.6	5408397.7	85219.29688	221.74	58.43	48.828543	-86.940341	56174.98	56277.4	-27.36	56147.62	56166.69922	56146.25408	56152.99219	504378.6	5408397.7
L4380.0	504378.6	5408397.7	85219.39844	222.66	55.69	48.828543	-86.940341	56175.38	56277.4	-27.37	56148.01	56167.00391	56146.24563	56152.85938	504378.6	5408397.7
L4380.0	504378.6	5408396.5	85219.50000	221.70	52.7	48.828532	-86.940341	56175.67	56277.4	-27.38	56148.29	56167.19922	56146.24478	56152.73438	504378.6	5408396.5
L4380.0	504378.6	5408394.6	85219.60156	223.47	48.42	48.828515	-86.940341	56175.08	56277.4	-27.38	56147.70	56166.52344	56146.30215	56152.66797	504378.6	5408394.6
L4380.0	504378.6	5408393.2	85219.70313	222.52	48.42	48.828502	-86.940341	56175.04	56277.4	-27.39	56147.65	56166.38281	56146.32369	56152.56641	504378.6	5408393.2
L4380.0	504378.6	5408391.9	85219.79688	220.36	51.35	48.828491	-86.940341	56175.33	56277.4	-27.39	56147.94	56166.58594	56146.32271	56152.44141	504378.6	5408391.9
L4380.0	504378.6	5408391.9	85219.89844	222.08	57.88	48.828491	-86.940341	56175.70	56277.4	-27.40	56148.30	56166.85547	56146.31715	56152.31641	504378.6	5408391.9
L4380.0	504378.6	5408389.6	85220.00000	221.96	57.88	48.828470	-86.940341	56175.40	56277.4	-27.40	56148.00	56166.46875	56146.35564	56152.23047	504378.6	5408389.6
L4380.0	504378.6	5408389.6	85220.10156	223.13	54.81	48.828470	-86.940341	56175.11	56277.4	-27.40	56147.71	56166.08594	56146.39345	56152.14453	504378.6	5408389.6
L4380.0	504378.6	5408388.2	85220.20313	224.93	54.81	48.828457	-86.940341	56174.96	56277.4	-27.40	56147.56	56165.84375	56146.42188	56152.05078	504378.6	5408388.2
L4380.0	504378.6	5408388.2	85220.29688	224.81	56.99	48.828457	-86.940341	56175.18	56277.4	-27.40	56147.78	56165.97266	56146.42552	56151.93359	504378.6	5408388.2
L4380.0	504378.6	5408384.7	85220.39844	225.22	56.99	48.828426	-86.940340	56174.89	56277.4	-27.40	56147.49	56165.58984	56146.46300	56151.84766	504378.6	5408384.7
L4380.0	504378.6	5408384.7	85220.50000	225.92	54.78	48.828426	-86.940340	56175.77	56277.4	-27.41	56148.36	56166.36719	56146.42290	56151.68359	504378.6	5408384.7
L4380.0	504378.6	5408383.3	85220.60156	227.22	54.44	48.828413	-86.940340	56175.78	56277.4	-27.41	56148.38	56166.29688	56146.43918	56151.57813	504378.6	5408383.3
L4380.0	504378.6	5408381.4	85220.60156	227.22	54.44	48.828396	-86.940340	56176.02	56277.4	-27.41	56148.62	56166.44141	56146.44042	56151.46094	504378.6	5408381.4
L4380.0	504378.6	5408381.4	85220.79688	227.43	54.44	48.828396	-86.940340	56176.24	56277.4	-27.41	56148.83	56166.55859	56146.44322	56151.33984	504378.6	5408381.4
L4380.0	504378.6	5408379.7	85220.89844	226.43	58.4	48.828381	-86.940340	56176.38	56277.4	-27.41	56148.97	56166.60156	56146.45017	56151.22656	504378.6	5408379.7
L4380.0	504378.6	5408378.3	85221.00000	225.21	56.33	48.828368	-86.940340	56176.27	56277.4	-27.41	56148.86	56166.39453	56146.47319	56151.12891	504378.6	5408378.3
L4380.0	504378.7	5408376.9	85221.10156	224.38	56.33	48.828356	-86.940340	56176.24	56277.4	-27.41	56148.82	56166.26172	56146.49086	56151.02344	504378.7	5408376.9
L4380.0	504378.7	5408375.5	85221.20313	226.93	54.6	48.828343	-86.940340	56176.70	56277.4	-27.42	56149.28	56166.62500	56146.47442	56150.88672	504378.7	5408375.5
L4380.0	504378.7	5408375.5	85221.29688	226.60	54.6	48.828343	-86.940340	56177.31	56277.4	-27.42	56149.89	56167.13672	56146.44713	56150.73828	504378.7	5408375.5
L4380.0	504378.7	5408374.6	85221.39844	225.76	58.69	48.828335	-86.940340	56177.23	56277.4	-27.43	56149.80	56166.94922	56146.46554	56150.63672	504378.7	5408374.6
L4380.0	504378.7	5408373.1	85221.50000	225.90	59.09	48.828322	-86.940340	56177.31	56277.4	-27.43	56149.88	56166.93359	56146.47156	56150.52344	504378.7	5408373.1
L4380.0	504378.7	5408371.7	85221.60156	223.09	59.09	48.828309	-86.940340	56177.96	56277.4	-27.43	56150.53	56167.48438	56146.43843	56150.36719	504378.7	5408371.7
L4380.0	504378.7	5408371.7	85221.70313	224.00	59.12	48.828309	-86.940340	56178.02	56277.4	-27.44	56150.58	56167.43359	56146.44403	56150.25391	504378.7	5408371.7
L4380.0	504378.7	5408369.8	85221.79688	225.44	59.12	48.828291	-86.940340	56178.08	56277.4	-27.44	56150.64	56167.39844	56146.44759	56150.13672	504378.7	5408369.8
L4380.0	504378.7	5408368.2	85221.89844	226.66	58.81	48.828277	-86.940340	56178.20	56277.4	-27.45	56150.75	56167.40625	56146.44633	56150.01563	504378.7	5408368.2
L4380.0	504378.7	5408366.7	85222.00000	226.77	52.64	48.828264	-86.940340	56178.70	56277.4	-27.45	56151.25	56167.80859	56146.41747	56149.86719	504378.7	5408366.7
L4380.0	504378.7	5408365.6	85222.10156	227.70	52.64	48.828254	-86.940340	56179.01	56277.5	-27.45	56151.56	56168.01953	56146.39956	56149.73047	504378.7	5408365.6
L4380.0	504378.7	5408364.3	85222.20313	226.44	59	48.828243	-86.940340	56178.97	56277.5	-27.45	56151.52	56167.87891	56146.40316	56149.61328	504378.7	5408364.3
L4380.0	504378.7	5408364.3	85222.29688	226.45	59	48.828243	-86.940340	56179.14	56277.5	-27.46	56151.69	56167.94922	56146.39079	56149.48047	504378.7	5408364.3
L4380.0	504378.7	5408362.6	85222.39844	225.73	46.82	48.828227	-86.940340	56179.15	56277.5	-27.46	56151.69	56167.84766	56146.38767	56149.35938	504378.7	5408362.6
L4380.0	504378.6	5408361.5	85222.50000	225.99	46.82	48.828217	-86.940340	56179.36	56277.5	-27.46	56151.90	56167.95703	56146.36835	56149.21875	504378.6	5408361.5
L4380.0	504378.6	5408359.6	85222.60156	227.99	50.16	48.828200	-86.940341	56179.73	56277.5	-27.46	56152.27	56168.22656	56146.33602	56149.06641	504378.6	5408359.6
L4380.0	504378.6	5408359.6	85222.60156	227.99	55.71	48.828200	-86.940341	56179.86	56277.5	-27.46	56152.40	56168.25781	56146.31722	56148.92969	504378.6	5408359.6
L4380.0	504378.6	5408358.1	85222.79688	225.39	55.71	48.828187	-86.940341	56180.32	56277.5	-27.47	56152.85	56168.60938	56146.27448	56148.76953	504378.6	5408358.1
L4380.0	504378.6	5408356.9	85222.89844	224.31	59.32	48.828176	-86.940341	56180.44	56277.5	-27.47	56152.97	56168.62891	56146.25101	56148.62500	504378.6	5408356.9
L4380.0	504378.6	5408355.4	85223.00000	225.40	59.11	48.828162	-86.940341	56180.39	56277.5	-27.47	56152.92	56168.47656	56146.23599	56148.49219	504378.6	5408355.4
L4380.0	504378.6	5408353.9	85223.10156	226.22	59.11	48.828149	-86.940342	56180.75	56277.5	-27.47	56153.28	56168.73438	56146.19062	56148.32813	504378.6	5408353.9
L4380.0	504378.6	5408352.4	85223.20313	224.69	59.23	48.828135	-86.940342	56180.60	56277.5	-27.48	56153.12	56168.47656	56146.17676	56148.19531	504378.6	5408352.4
L4380.0	504378.6	5408352.4	85223.29688	223.53	59.24	48.828135	-86.940342	56180.74	56277.5	-27.48	56153.26	56168.51563	56146.13960	56148.03906	504378.6	5408352.4
L4380.0	504378.5	5408350.5	85223.39844	222.37	59.24	48.828118	-86.940342	56181.13	56277.5	-27.48	56153.65	56168.80469	56146.08232	56147.86328	504378.5	5408350.5
L4380.0	504378.5	5408350.5	85223.50000	222.66	58.91	48.828118	-86.940342	56181.21	56277.5	-27.49	56153.72	56168.77344	56146.04277	56147.70313	504378.5	5408350.5
L4380.0	504378.5	5408348.9	85223.60156	222.25	58.91	48.828104	-86.940342	56181.52	56277.5	-27.49	56154.04	56168.99609	56145.98280	56147.52344	504378.5	5408348.9
L4380.0	504378.5	5408347.5	85223.70313	222.62	59.54	48.828091	-86.940342	56182.11	56277.5	-27.49	56154.62	56169.47656	56145.90160	56147.32422	504378.5	5408347.5
L4380.0	504378.5	5408345.8	85223.79688	225.14	59.26	48.828076	-86.940342	56181.89	56277.5	-27.49	56154.40	56169.15625	56145.86966	56147.17578	504378.5	5408345.8
L4380.0	504378.5	5408345.1	85223.89844	225.41	58.96	48.828069	-86.940342	56182.06	56277.5	-27.50	56154.56	56169.21875	56145.80817	56146.99609	504378.5	5408345.1
L4380.0	504378.5	5408343.4	85224.00000	224.64	58.96	48.828054	-86.940343	56181.62	56277.5	-27.50	56154.12	56168.67969	56145.78229	56146.85156	504378.5	5408343.4
L4380.0	504378.5	5408342.2	85224.10156	224.19	58.57	48.828043	-86.940343	56182.21	56277.5	-27.50	56154.71	56169.16797	56145.68319	56146.63281	504378.5	5408342.2
L4380.0	504378.5	5408342.2	85224.20313	224.20	58.66	48.828043	-86.940343	56182.32	56277.5	-27.51	56154.81	56169.17188	56145.61204	56146.44531	504378.5	5408342.2
L4380.0	504378.5	5408340.7	85224.29688	226.94	58.66	48.828030	-86.940343	56181.91	56277.5	-27.51	56154.40	56168.66406	56145.57001	56146.28516	504378.5	5408340.7
L4380.0	504378.5	5408338.6	85224.39844	227.54	58.66	48.828011	-86.940343	56183.02	56277.5	-27.51	56155.51	56169.67578	56145.42158	56146.01563	504378.5	5408338.6
L4380.0	504378.5	5408338.6	85224.50000	225.44	58.59	48.828011	-86.940343	56183.05	56277.5	-27.51	56155.53	56169.59766	56145.34057	56145.81641	504378.5	5408338.6
L4380.0	504378.5	5408337.3	85224.60156	225.10	58.68	48.827999	-86.940343	56183.54	56277.5	-27.52	56156.02	56169.99219	56145.22282	56145.58203	504378.5	5408337.3
L4380.0	504378.5	5408336.2	85224.60156	225.10	58.44	48.827989	-86.940343	56183.81	56277.5	-27.52	56156.30	56170.17578	56145.11348	56145.35547	504378.5	5408336.2
L4380.0	504378.4	5408334.7	85224.79688	224.49	58.44	48.827976	-86.940343	56183.93	56277.5	-27.52	56156.40	56170.17969	56145.01036	56145.13281	504378.4	5408334.7
L4380.0	504378.4	5408333.3	85224.89844	225.81	58.28	48.827963	-86.940343	56183.96	56277.5	-27.53	56156.43	56170.11719	56144.90594	56144.91016	504378.4	5408333.3
L4380.0	504378.4	5408332.3	85225.00000	225.90	58.62	48.827955	-86.940344	56183.98	56277.5	-27.53	56156.45	56170.04297	56144.79605	56144.68359	504378.4	5408332.3
L4380.0	504378.4	5408330.7	85225.10156	226.96	58.62	48.827940	-86.940344	56183.60	56277.5	-27.53	56156.07	56169.56641	56144.70649	56144.47266	504378.4	5408330.7
L4380.0	504378.4	5408329.3	85225.20313	227.54	57.75	48.827927	-86.940344	56184.02	56277.5	-27.53	56156.48	56169.88281	56144.55773	56144.20703	504378.4	5408329.3
L4380.0	504378.4	5408329.3	85225.29688	227.76	58.72	48.827927	-86.940344	56183.66	56277.5	-27.54	56156.12	56169.43359	56144.45360	56143.98438	504378.4	5408329.3
L4380.0	504378.4	5408327.8	85225.39844	227.49	58.72	48.827914	-86.940344	56183.72	56277.5	-27.54	56156.18	56169.40234	56144.31456	56143.72656	504378.4	5408327.8
L4380.0	504378.4	5408326.6	85225.50000	226.30	58.71	48.827903	-86.940344	56184.81	56277.5	-27.54	56157.26	56170.39063	56144.10043	56143.39453	504378.4	5408326.6
L4380.0	504378.4	5408324.9	85225.60156	223.26	58.66	48.827888	-86.940344	56184.56	56277.5	-27.54	56157.02	56170.05859	56143.96701	56143.14453	504378.4	5408324.9
L4380.0	504378.4	5408324.2	85225.70313	222.63	58.66	48.827882	-86.940344	56185.04	56277.5	-27.54	56157.50	56170.44922	56143.77810	56142.83594	504378.4	5408324.2
L4380.0	504378.4	5408322.8	85225.79688	220.55	58.65	48.827869	-86.940344	56184.90	56277.5	-27.55	56157.36	56170.22266	56143.62285	56142.56641	504378.4	5408322.8
L4380.0	504378.4	5408321.2	85225.89844	223.48	58.58	48.827855	-86.940344	56185.09	56277.5	-27.55	56157.55	56170.32422	56143.43774	56142.26172	504378.4	5408321.2
L4380.0	504378.4	5408320.4	85226.00000	224.45	58.59	48.827847	-86.940344	56185.81	56277.6	-27.55	56158.26	56170.94531	56143.20989	56141.91797	504378.4	5408320.4
L4380.0	504378.4	5408318.8	85226.10156	224.09	58.59	48.827833	-86.940344	56185.61	56277.6	-27.55	56158.05	56170.64844	56143.03513	56141.62500	504378.4	5408318.8
L4380.0	504378.4	5408318.8	85226.20313	225.20	58.47	48.827833	-86.940344	56185.48	56277.6	-27.56	56157.92	56170.43359	56142.84658	56141.31641	504378.4	5408318.8
L4380.0	504378.4	5408317.3	85226.29688	225.43	58.45	48.827820	-86.940344	56185.30	56277.6	-27.56	56157.74	56170.17188	56142.65273	56141.00781	504378.4	5408317.3
L4380.0	504378.4	5408315.9	85226.39844	226.72	58.45	48.827807	-86.940345	56184.73	56277.6	-27.57	56157.16	56169.50781	56142.47673	56140.71484	504378.4	5408315.9
L4380.0	504378.4	5408314.7	85226.50000	225.69	58.46	48.827796	-86.940345	56185.17	56277.6	-27.57	56157.60	56169.86328	56142.22370	56140.34375	504378.4	5408314.7
L4380.0	504378.4	5408313.7	85226.60156	224.72	58.49	48.827787	-86.940345	56185.14	56277.6	-27.57	56157.57	56169.75391	56141.99281	56139.99609	504378.4	5408313.7
L4380.0	504378.4	5408312.3	85226.60156	224.72	58.49	48.827775	-86.940345	56185.40	56277.6	-27.57	56157.82	56169.92188	56141.73385	56139.61719	504378.4	5408312.3
L4380.0	504378.4	5408310.6	85226.79688	225.45	58.44	48.827760	-86.940345	56185.73	56277.6	-27.58	56158.15	56170.17188	56141.45999	56139.22656	504378.4	5408310.6
L4380.0	504378.4	5408310.6	85226.89844	224.93	58.44	48.827760	-86.940345	56184.95	56277.6	-27.59	56157.37	56169.31641	56141.25036	56138.90234	504378.4	5408310.6
L4380.0	504378.4	5408308.0	85227.00000	223.91	58.52	48.827736	-86.940345	56184.31	56277.6	-27.59	56156.72	56168.58594	56141.02212	56138.55469	504378.4	5408308.0
L4380.0	504378.4	5408308.0	85227.10156	221.77	58.52	48.827736	-86.940345	56183.36	56277.6	-27.59	56155.76	56167.55078	56140.80441	56138.22266	504378.4	5408308.0
L4380.0	504378.4	5408304.7	85227.39844	220.01	58.6	48.827706	-86.940344	56184.54	56277.6	-27.60	56156.94	56168.65625	56140.43372	56137.73438	504378.4	5408304.7
L4380.0	504378.4	5408302.3	85227.60156	220.55	52.79	48.827685	-86.940344	56184.21	56277.6	-27.61	56156.60	56168.24219	56140.15387	56137.33594	504378.4	5408302.3
L4380.0	504378.4	5408300.9	85227.70313	221.18	55	48.827672	-86.940344	56183.84	56277.6	-27.61	56156.23	56167.79688	56139.86534	56136.93359	504378.4	5408300.9
L4380.0	504378.4	5408299.5	85227.79688	221.38	56.31	48.827660	-86.940344	56183.68	56277.6	-27.61	56156.07	56167.56641	56139.55196	56136.50391	504378.4	5408299.5
L4380.0	504378.4	5408298.1	85227.89844	220.62	56.31	48.827647	-86.940344	56183.48	56277.6	-27.62	56155.86	56167.28516	56139.23086	56136.06641	504378.4	5408298.1
L4380.0	504378.4	5408298.1	85228.00000	222.07	59.4	48.827647	-86.940344	56183.75	56277.6	-27.62	56156.13	56167.48438	56138.86655	56135.58594	504378.4	5408298.1
L4380.0	504378.5	5408296.4	85228.10156	222.14	59.1	48.827632	-86.940343	56183.02	56277.6	-27.62	56155.40	56166.68750	56138.55751	56135.16016	504378.5	5408296.4
L4380.0	504378.5	5408295.0	85228.20313	223.68	59.1	48.827619	-86.940343	56183.20	56277.6	-27.62	56155.58	56166.80078	56138.17623	56134.66406	504378.5	5408295.0
L4380.0	504378.5	5408293.6	85228.29688	226.47	54.97	48.827606	-86.940343	56183.48	56277.6	-27.62	56155.85	56167.00391	56137.77720	56134.14844	504378.5	5408293.6

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4380.0	504378.5	5408293.6	85228.39844	225.63	56.32	48.827606	-86.940343	56183.28	56277.6	-27.62	56155.65	56166.73828	56137.39758	56133.65625	504378.5	5408293.6
L4380.0	504378.6	5408290.7	85228.50000	225.02	48.53	48.827580	-86.940342	56182.29	56277.6	-27.63	56154.66	56165.68359	56137.05851	56133.19922	504378.6	5408290.7
L4380.0	504378.6	5408290.7	85228.60156	224.06	48.53	48.827580	-86.940342	56182.46	56277.6	-27.63	56154.84	56165.80078	56136.62916	56132.65625	504378.6	5408290.7
L4380.0	504378.6	5408289.3	85228.60156	224.06	52.22	48.827568	-86.940342	56182.32	56277.6	-27.63	56154.69	56165.58984	56136.20936	56132.12109	504378.6	5408289.3
L4380.0	504378.6	5408286.8	85228.89844	221.75	59.21	48.827545	-86.940342	56181.45	56277.6	-27.63	56153.82	56164.66016	56135.82492	56131.62500	504378.6	5408286.8
L4380.0	504378.6	5408285.5	85229.00000	222.16	59.21	48.827534	-86.940341	56181.13	56277.6	-27.63	56153.50	56164.27734	56135.39101	56131.07422	504378.6	5408285.5
L4380.0	504378.6	5408285.5	85229.10156	221.38	58.71	48.827534	-86.940341	56180.32	56277.6	-27.63	56152.69	56163.41016	56134.97678	56130.54688	504378.6	5408285.5
L4380.0	504378.7	5408283.7	85229.20313	221.19	56.99	48.827517	-86.940341	56180.39	56277.6	-27.64	56152.76	56163.42188	56134.49072	56129.94922	504378.7	5408283.7
L4380.0	504378.7	5408282.5	85229.29688	220.85	58.78	48.827507	-86.940341	56179.02	56277.6	-27.64	56151.38	56161.98828	56134.08800	56129.43359	504378.7	5408282.5
L4380.0	504378.7	5408281.1	85229.39844	223.03	58.78	48.827494	-86.940341	56178.47	56277.6	-27.64	56150.83	56161.38281	56133.61642	56128.84766	504378.7	5408281.1
L4380.0	504378.7	5408281.1	85229.50000	222.34	55.1	48.827494	-86.940341	56177.81	56277.6	-27.64	56150.16	56160.65625	56133.13916	56128.25781	504378.7	5408281.1
L4380.0	504378.7	5408278.4	85229.60156	224.01	55.51	48.827469	-86.940341	56177.41	56277.6	-27.65	56149.76	56160.20313	56132.63002	56127.63672	504378.7	5408278.4
L4380.0	504378.7	5408278.4	85229.70313	223.54	55.51	48.827469	-86.940341	56177.89	56277.7	-27.65	56150.24	56160.63281	56132.04817	56126.94141	504378.7	5408278.4
L4380.0	504378.6	5408277.0	85229.79688	223.25	53.95	48.827457	-86.940341	56176.46	56277.7	-27.65	56148.81	56159.15234	56131.57943	56126.36328	504378.6	5408277.0
L4380.0	504378.6	5408276.0	85229.89844	224.28	54.74	48.827448	-86.940341	56176.68	56277.7	-27.66	56149.03	56159.32422	56130.98627	56125.65625	504378.6	5408276.0
L4380.0	504378.6	5408274.4	85230.00000	224.06	54.74	48.827433	-86.940342	56176.24	56277.7	-27.66	56148.58	56158.82422	56130.42319	56124.98438	504378.6	5408274.4
L4380.0	504378.6	5408272.8	85230.10156	223.28	51.73	48.827419	-86.940342	56175.26	56277.7	-27.66	56147.60	56157.79688	56129.88067	56124.33203	504378.6	5408272.8
L4380.0	504378.6	5408271.5	85230.20313	221.09	51.66	48.827408	-86.940342	56175.20	56277.7	-27.66	56147.54	56157.68750	56129.26186	56123.60156	504378.6	5408271.5
L4380.0	504378.6	5408270.1	85230.39844	220.65	55.82	48.827395	-86.940342	56173.76	56277.7	-27.66	56146.10	56156.20313	56128.71990	56122.94922	504378.6	5408270.1
L4380.0	504378.6	5408268.8	85230.50000	220.61	55.82	48.827383	-86.940343	56172.86	56277.7	-27.67	56145.19	56155.24609	56128.12728	56122.24609	504378.6	5408268.8
L4380.0	504378.5	5408267.0	85230.60156	222.96	58.1	48.827367	-86.940343	56172.48	56277.7	-27.67	56144.81	56154.82422	56127.48381	56121.49609	504378.5	5408267.0
L4380.0	504378.5	5408267.0	85230.60156	222.96	58.79	48.827367	-86.940343	56172.12	56277.7	-27.67	56144.45	56154.42188	56126.82331	56120.72656	504378.5	5408267.0
L4380.0	504378.5	5408265.4	85230.79688	220.79	58.51	48.827353	-86.940343	56170.84	56277.7	-27.67	56143.17	56153.09766	56126.20826	56120.00391	504378.5	5408265.4
L4380.0	504378.5	5408264.0	85230.89844	222.11	58.51	48.827340	-86.940343	56170.22	56277.7	-27.67	56142.55	56152.43750	56125.53314	56119.21875	504378.5	5408264.0
L4380.0	504378.5	5408264.0	85231.00000	224.51	57.97	48.827340	-86.940343	56169.46	56277.7	-27.67	56141.79	56151.63672	56124.85109	56118.42969	504378.5	5408264.0
L4380.0	504378.5	5408262.3	85231.10156	223.26	52.32	48.827325	-86.940344	56169.09	56277.7	-27.67	56141.42	56151.22656	56124.12661	56117.59766	504378.5	5408262.3
L4380.0	504378.5	5408260.9	85231.20313	222.88	52.32	48.827312	-86.940344	56168.61	56277.7	-27.67	56140.93	56150.69531	56123.39352	56116.76172	504378.5	5408260.9
L4380.0	504378.4	5408258.7	85231.29688	220.67	50.32	48.827293	-86.940344	56167.89	56277.7	-27.67	56140.22	56149.94922	56122.65830	56115.91797	504378.4	5408258.7
L4380.0	504378.4	5408258.7	85231.39844	220.89	56.16	48.827293	-86.940344	56166.41	56277.7	-27.67	56138.73	56148.42188	56121.95812	56115.11328	504378.4	5408258.7
L4380.0	504378.4	5408257.6	85231.50000	221.71	56.16	48.827283	-86.940345	56165.54	56277.7	-27.68	56137.87	56147.52344	56121.19881	56114.25000	504378.4	5408257.6
L4380.0	504378.4	5408256.2	85231.60156	222.01	53.05	48.827270	-86.940345	56164.73	56277.7	-27.68	56137.05	56146.66797	56120.41955	56113.36719	504378.4	5408256.2
L4380.0	504378.4	5408254.8	85231.70313	221.56	42.43	48.827258	-86.940345	56163.50	56277.7	-27.68	56135.82	56145.39844	56119.65017	56112.49219	504378.4	5408254.8
L4380.0	504378.4	5408253.1	85231.79688	221.65	42.43	48.827242	-86.940345	56162.56	56277.7	-27.68	56134.88	56144.42578	56118.84388	56111.58203	504378.4	5408253.1
L4380.0	504378.4	5408253.1	85231.89844	221.63	48.25	48.827242	-86.940345	56161.68	56277.7	-27.68	56134.00	56143.50781	56118.01586	56110.65234	504378.4	5408253.1
L4380.0	504378.4	5408251.7	85232.00000	221.13	50.24	48.827229	-86.940345	56161.14	56277.7	-27.68	56133.46	56142.93359	56117.14732	56109.68359	504378.4	5408251.7
L4380.0	504378.4	5408249.6	85232.10156	220.52	50.24	48.827210	-86.940345	56160.08	56277.7	-27.68	56132.40	56141.83984	56116.29548	56108.72656	504378.4	5408249.6
L4380.0	504378.4	5408249.6	85232.20313	223.92	56.3	48.827210	-86.940345	56158.80	56277.7	-27.68	56131.11	56140.51563	56115.44090	56107.77344	504378.4	5408249.6
L4380.0	504378.4	5408248.1	85232.29688	222.76	56.3	48.827197	-86.940345	56157.67	56277.7	-27.68	56129.98	56139.35547	56114.55751	56106.78906	504378.4	5408248.1
L4380.0	504378.4	5408246.7	85232.39844	222.93	57.09	48.827184	-86.940345	56156.69	56277.7	-27.68	56129.01	56138.35156	56113.64522	56105.77734	504378.4	5408246.7
L4380.0	504378.4	5408245.5	85232.50000	225.43	57.09	48.827174	-86.940345	56155.23	56277.7	-27.69	56127.54	56136.84766	56112.74799	56104.78125	504378.4	5408245.5
L4380.0	504378.4	5408245.5	85232.60156	225.98	57.62	48.827174	-86.940345	56154.36	56277.7	-27.69	56126.68	56135.95703	56111.79178	56103.72656	504378.4	5408245.5
L4380.0	504378.4	5408243.9	85232.60156	225.98	57.41	48.827160	-86.940346	56153.28	56277.7	-27.69	56125.60	56134.84375	56110.83191	56102.66797	504378.4	5408243.9
L4380.0	504378.3	5408242.2	85232.79688	224.60	57.41	48.827144	-86.940346	56151.73	56277.7	-27.69	56124.05	56133.26172	56109.88504	56101.62500	504378.3	5408242.2
L4380.0	504378.3	5408240.8	85232.89844	224.62	57.05	48.827131	-86.940346	56149.86	56277.7	-27.69	56122.17	56131.34766	56108.94188	56100.58594	504378.3	5408240.8
L4380.0	504378.3	5408240.8	85233.00000	225.49	57.53	48.827131	-86.940346	56148.47	56277.7	-27.69	56120.78	56129.92578	56107.94781	56099.49609	504378.3	5408240.8
L4380.0	504378.3	5408238.8	85233.10156	223.46	57.7	48.827114	-86.940346	56147.08	56277.7	-27.69	56119.39	56128.50391	56106.93558	56098.38672	504378.3	5408238.8
L4380.0	504378.3	5408237.2	85233.20313	221.75	57.7	48.827099	-86.940347	56145.46	56277.7	-27.69	56117.76	56126.84375	56105.92129	56097.28125	504378.3	5408237.2
L4380.0	504378.3	5408235.8	85233.29688	222.18	57.8	48.827086	-86.940347	56144.70	56277.7	-27.69	56117.01	56126.05859	56104.83041	56096.09375	504378.3	5408235.8
L4380.0	504378.3	5408235.8	85233.39844	220.50	57.8	48.827086	-86.940347	56142.52	56277.7	-27.69	56114.83	56123.84766	56103.81709	56094.98828	504378.3	5408235.8
L4380.0	504378.2	5408232.7	85233.60156	220.53	57.68	48.827058	-86.940347	56140.00	56277.7	-27.70	56112.30	56121.28516	56102.80953	56093.89063	504378.2	5408232.7
L4380.0	504378.2	5408231.3	85233.79688	222.44	57.7	48.827046	-86.940348	56136.88	56277.7	-27.70	56109.19	56118.14453	56101.82328	56092.81250	504378.2	5408231.3
L4380.0	504378.2	5408229.4	85233.89844	222.90	57.7	48.827029	-86.940348	56133.98	56277.7	-27.70	56106.28	56115.19922	56100.80661	56091.70703	504378.2	5408229.4
L4380.0	504378.2	5408229.4	85234.00000	222.02	57.68	48.827029	-86.940348	56132.35	56277.7	-27.70	56104.65	56113.53516	56099.68779	56090.49609	504378.2	5408229.4
L4380.0	504378.2	5408226.8	85234.10156	223.45	57.66	48.827005	-86.940348	56129.66	56277.7	-27.70	56101.95	56110.80469	56098.62381	56089.34375	504378.2	5408226.8
L4380.0	504378.2	5408226.8	85234.20313	222.28	57.66	48.827005	-86.940348	56127.93	56277.7	-27.71	56100.22	56109.03906	56097.47903	56088.11328	504378.2	5408226.8
L4380.0	504378.2	5408225.1	85234.29688	221.12	57.51	48.826990	-86.940348	56125.30	56277.7	-27.71	56097.58	56106.36719	56096.37919	56086.92578	504378.2	5408225.1
L4380.0	504378.1	5408223.5	85234.39844	221.84	57.19	48.826975	-86.940349	56123.43	56277.7	-27.72	56095.71	56104.46094	56095.21272	56085.67188	504378.1	5408223.5
L4380.0	504378.1	5408222.1	85234.50000	221.63	57.19	48.826963	-86.940349	56122.04	56277.7	-27.72	56094.32	56103.03516	56093.99941	56084.37500	504378.1	5408222.1
L4380.0	504378.1	5408220.6	85234.60156	222.69	56.21	48.826950	-86.940349	56118.92	56277.7	-27.72	56091.20	56099.87891	56092.88713	56083.17578	504378.1	5408220.6
L4380.0	504378.1	5408220.6	85234.60156	222.69	56.18	48.826950	-86.940349	56116.72	56277.7	-27.72	56089.00	56097.64453	56091.69976	56081.90625	504378.1	5408220.6
L4380.0	504378.1	5408219.2	85234.79688	226.48	56.18	48.826937	-86.940349	56113.71	56277.7	-27.73	56085.98	56094.58984	56090.55391	56080.67969	504378.1	5408219.2
L4380.0	504378.1	5408217.3	85234.89844	226.85	55.18	48.826920	-86.940349	56110.93	56277.7	-27.74	56083.20	56091.76953	56089.37956	56079.42188	504378.1	5408217.3
L4380.0	504378.1	5408216.0	85235.00000	225.01	47.71	48.826909	-86.940349	56108.56	56277.7	-27.74	56080.82	56089.35156	56088.16675	56078.12891	504378.1	5408216.0
L4380.0	504378.1	5408214.6	85235.10156	224.73	47.71	48.826896	-86.940349	56105.80	56277.7	-27.74	56078.06	56086.55469	56086.96822	56076.85156	504378.1	5408214.6
L4380.0	504378.1	5408214.6	85235.20313	224.48	45.92	48.826896	-86.940349	56103.37	56277.7	-27.74	56075.63	56084.08594	56085.73746	56075.54297	504378.1	5408214.6
L4380.0	504378.1	5408213.4	85235.29688	224.62	43.51	48.826885	-86.940349	56099.90	56277.7	-27.75	56072.16	56080.57422	56084.56665	56074.29297	504378.1	5408213.4
L4380.0	504378.1	5408213.4	85235.39844	224.77	43.51	48.826885	-86.940349	56096.97	56277.7	-27.75	56069.22	56077.59375	56083.35205	56073.00000	504378.1	5408213.4
L4380.0	504378.1	5408211.5	85235.50000	222.99	47.3	48.826868	-86.940349	56093.92	56277.8	-27.75	56066.17	56074.50391	56082.13730	56071.71094	504378.1	5408211.5
L4380.0	504378.1	5408210.2	85235.60156	223.89	51.54	48.826856	-86.940349	56091.05	56277.8	-27.75	56063.30	56071.58984	56080.90411	56070.40234	504378.1	5408210.2
L4380.0	504378.1	5408208.9	85235.70313	225.40	51.54	48.826845	-86.940349	56087.71	56277.8	-27.75	56059.96	56068.20703	56079.69693	56069.12109	504378.1	5408208.9
L4380.0	504378.1	5408207.5	85235.79688	224.17	56.04	48.826832	-86.940349	56084.00	56277.8	-27.76	56056.24	56064.44531	56078.51093	56067.86328	504378.1	5408207.5
L4380.0	504378.1	5408206.4	85235.89844	223.95	55.43	48.826822	-86.940349	56080.88	56277.8	-27.76	56053.12	56061.27734	56077.28202	56066.56250	504378.1	5408206.4
L4380.0	504378.1	5408204.9	85236.00000	224.02	55.75	48.826809	-86.940349	56077.46	56277.8	-27.76	56049.70	56057.81250	56076.07153	56065.28516	504378.1	5408204.9
L4380.0	504378.1	5408203.5	85236.10156	222.79	55.75	48.826796	-86.940349	56074.31	56277.8	-27.76	56046.55	56054.61328	56074.84283	56063.98438	504378.1	5408203.5
L4380.0	504378.1	5408203.5	85236.20313	224.23	55.63	48.826796	-86.940349	56069.78	56277.8	-27.76	56042.02	56050.03906	56073.70741	56062.78125	504378.1	5408203.5
L4380.0	504378.1	5408201.9	85236.29688	223.53	56.19	48.826782	-86.940349	56065.61	56277.8	-27.76	56037.85	56045.82031	56072.55081	56061.55859	504378.1	5408201.9
L4380.0	504378.1	5408200.7	85236.39844	222.78	56.46	48.826771	-86.940349	56061.84	56277.8	-27.76	56034.08	56042.00000	56071.37198	56060.31641	504378.1	5408200.7
L4380.0	504378.1	5408199.1	85236.50000	224.62	56.46	48.826756	-86.940349	56057.69	56277.8	-27.75	56029.93	56037.79688	56070.22462	56059.10156	504378.1	5408199.1
L4380.0	504378.1	5408197.9	85236.60156	225.28	56.1	48.826746	-86.940349	56054.40	56277.8	-27.75	56026.64	56034.45313	56069.02787	56057.84375	504378.1	5408197.9
L4380.0	504378.1	5408197.9	85236.60156	225.28	56.1	48.826746	-86.940349	56049.77	56277.8	-27.75	56022.02	56029.78125	56067.92957	56056.68359	504378.1	5408197.9
L4380.0	504378.1	5408196.5	85236.79688	227.73	56.94	48.826733	-86.940349	56045.70	56277.8	-27.75	56017.95	56025.65625	56066.80634	56055.50000	504378.1	5408196.5
L4380.0	504378.1	5408194.9	85236.89844	227.14	56.59	48.826719	-86.940349	56041.09	56277.8	-27.75	56013.34	56020.99219	56065.73287	56054.36719	504378.1	5408194.9
L4380.0	504378.1	5408193.5	85237.00000	226.85	57.03	48.826706	-86.940350	56036.49	56277.8	-27.75	56008.74	56016.33594	56064.67459	56053.25000	504378.1	5408193.5
L4380.0	504378.1	5408192.2	85237.10156	224.25	57.03	48.826694	-86.940350	56031.45	56277.8	-27.75	56003.70	56011.23828	56063.66367	56052.18359	504378.1	5408192.2
L4380.0	504378.1	5408192.2	85237.20313	224.24	56.92	48.826694	-86.940350	56026.45	56277.8	-27.75	55998.70	56006.17969	56062.67035	56051.13281	504378.1	5408192.2
L4380.0	504378.1	5408189.6	85237.29688	225.77	56.92	48.826671	-86.940350	56022.13	56277.8	-27.75	55994.37	56001.78906	56061.65494	56050.06641	504378.1	5408189.6
L4380.0	504378.1	5408189.6	85237.39844	225.83	56.9	48.826671	-86.940350	56017.04	56277.8	-27.75	55989.29	55996.64844	56060.71445	56049.07031	504378.1	5408189.6
L4380.0	504378.0	5408187.9	85237.50000	226.05	56.93	48.826656	-86.940350	56012.84	56277.8	-27.75	55985.08	55992.37500	56059.74331	56048.04688	504378.0	5408187.9
L4380.0	504378.0	5408186.6	85237.60156	224.87	56.93	48.826644	-86.940350	56008.34	56277.8	-27.76	55980.58	55987.81250	56058.82130	56047.07813	504378.0	5408186.6
L4380.0	504378.0	5408184.8	85237.70313	225.27	56.93	48.826628	-86.940351	56003.46	56277.8	-27.76	55975.70	55982.86719	56057.95690	56046.16406	504378.0	5408184.8
L4380.0	504378.0	5408184.8	85237.79688	224.10	56.85	48.826628	-86.940351	55998.85	56277.8	-27.76	55971.09	55978.19531	56057.10930	56045.26953	504378.0	5408184.8
L4380.0	504378.0	5408183.6	85237.89844	222.85	56.85	48.826617	-86.940351	55993.62	56277.8	-27.76	55965.86	55972.89844	56056.34032	56044.45703	504378.0	5408183.6
L4380.0	504378.0	5408181.6	85238.00000	222.06	56.74	48.826598	-86.940350	55988.71	56277.8	-27.76	55960.95	55967.91797	56055.58983	56043.66016	504378.0	5408181.6

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4380.0	504378.0	5408180.5	85238.10156	220.80	55.71	48.826589	-86.940350	55984.03	56277.8	-27.76	55956.27	55963.16797	56054.86630	56042.89453	504378.0	5408180.5
L4380.0	504378.1	5408175.8	85238.50000	220.45	55.72	48.826546	-86.940350	55964.91	56277.8	-27.77	55937.14	55943.96875	56055.15086	56043.13672	504378.1	5408175.8
L4380.0	504378.1	5408174.3	85238.60156	223.90	43.02	48.826533	-86.940350	55960.98	56277.8	-27.77	55933.21	55939.96875	56054.46925	56042.41797	504378.1	5408174.3
L4380.0	504378.1	5408174.3	85238.60156	223.90	43.02	48.826533	-86.940350	55956.26	56277.8	-27.77	55928.49	55935.17578	56053.88978	56041.80078	504378.1	5408174.3
L4380.0	504378.1	5408172.7	85238.79688	221.31	46.03	48.826519	-86.940350	55951.60	56277.8	-27.78	55923.83	55930.44531	56053.35806	56041.23047	504378.1	5408172.7
L4380.0	504378.1	5408160.3	85239.79688	220.78	53.98	48.826407	-86.940350	55918.84	56277.8	-27.79	55891.06	55897.59766	56054.75424	56042.59375	504378.1	5408160.3
L4380.0	504378.1	5408158.9	85239.89844	220.72	50.83	48.826394	-86.940350	55917.53	56277.8	-27.79	55889.74	55896.20313	56054.10967	56041.91406	504378.1	5408158.9
L4380.0	504378.1	5408158.9	85240.00000	223.24	44.22	48.826394	-86.940350	55915.81	56277.8	-27.79	55888.02	55894.41016	56053.54961	56041.32422	504378.1	5408158.9
L4380.0	504378.1	5408157.5	85240.10156	221.93	44.22	48.826382	-86.940350	55914.27	56277.8	-27.79	55886.48	55892.79297	56053.03715	56040.78125	504378.1	5408157.5
L4380.0	504378.1	5408156.0	85240.20313	222.86	46.89	48.826369	-86.940350	55913.54	56277.8	-27.79	55885.74	55891.97266	56052.53255	56040.24609	504378.1	5408156.0
L4380.0	504378.1	5408154.6	85240.29688	224.22	46.89	48.826356	-86.940350	55911.06	56277.8	-27.79	55883.26	55889.41406	56052.20659	56039.89453	504378.1	5408154.6
L4380.0	504378.1	5408153.6	85240.39844	225.11	51.89	48.826347	-86.940350	55910.75	56277.8	-27.79	55882.96	55889.03516	56051.79920	56039.46094	504378.1	5408153.6
L4380.0	504378.1	5408152.2	85240.50000	224.51	51.89	48.826334	-86.940350	55910.98	56277.8	-27.80	55883.18	55889.17188	56051.42213	56039.06250	504378.1	5408152.2
L4380.0	504378.1	5408152.2	85240.60156	225.13	51.18	48.826334	-86.940350	55911.58	56277.8	-27.80	55883.79	55889.69922	56051.08491	56038.70313	504378.1	5408152.2
L4380.0	504378.1	5408150.5	85240.60156	225.13	50.98	48.826319	-86.940350	55912.02	56277.8	-27.80	55884.22	55890.04688	56050.82626	56038.42188	504378.1	5408150.5
L4380.0	504378.1	5408148.9	85240.79688	224.25	51.41	48.826304	-86.940350	55912.52	56277.8	-27.80	55884.72	55890.46484	56050.63000	56038.21094	504378.1	5408148.9
L4380.0	504378.1	5408148.9	85240.89844	224.60	51.41	48.826304	-86.940350	55913.74	56277.8	-27.80	55885.94	55891.60156	56050.45309	56038.01563	504378.1	5408148.9
L4380.0	504378.1	5408147.5	85241.00000	226.06	51.03	48.826292	-86.940350	55914.34	56277.8	-27.80	55886.54	55892.11328	56050.38498	56037.93359	504378.1	5408147.5
L4380.0	504378.1	5408146.2	85241.10156	225.83	53.26	48.826281	-86.940350	55915.41	56277.8	-27.80	55887.60	55893.08984	56050.35356	56037.88672	504378.1	5408146.2
L4380.0	504378.1	5408144.6	85241.20313	226.43	53.26	48.826266	-86.940349	55917.68	56277.8	-27.80	55889.88	55895.28125	56050.30790	56037.83203	504378.1	5408144.6
L4380.0	504378.2	5408143.4	85241.29688	226.18	55.09	48.826255	-86.940349	55919.50	56277.8	-27.81	55891.70	55897.01563	56050.35952	56037.87500	504378.2	5408143.4
L4380.0	504378.2	5408141.8	85241.39844	226.41	55.09	48.826241	-86.940349	55921.60	56277.8	-27.81	55893.79	55899.01953	56050.45911	56037.96484	504378.2	5408141.8
L4380.0	504378.2	5408140.3	85241.50000	227.11	53.44	48.826228	-86.940349	55923.86	56277.8	-27.81	55896.05	55901.19141	56050.61252	56038.11328	504378.2	5408140.3
L4380.0	504378.2	5408140.3	85241.60156	227.35	53.44	48.826228	-86.940349	55925.85	56277.8	-27.81	55898.04	55903.08984	56050.84808	56038.34375	504378.2	5408140.3
L4380.0	504378.2	5408138.5	85241.70313	226.85	49.69	48.826211	-86.940349	55928.89	56277.8	-27.81	55901.07	55906.03125	56051.07733	56038.57031	504378.2	5408138.5
L4380.0	504378.2	5408137.1	85241.79688	228.08	48.51	48.826198	-86.940348	55931.70	56277.8	-27.82	55903.88	55908.75000	56051.38296	56038.87500	504378.2	5408137.1
L4380.0	504378.2	5408136.1	85241.89844	226.83	51.02	48.826189	-86.940348	55934.70	56277.8	-27.82	55906.89	55911.67188	56051.73554	56039.23047	504378.2	5408136.1
L4380.0	504378.3	5408134.6	85242.00000	225.73	51.02	48.826176	-86.940348	55937.77	56277.8	-27.82	55909.95	55914.64063	56052.14351	56039.64063	504378.3	5408134.6
L4380.0	504378.3	5408134.6	85242.10156	226.69	53.01	48.826176	-86.940348	55940.90	56277.8	-27.82	55913.08	55917.67969	56052.60383	56040.10938	504378.3	5408134.6
L4380.0	504378.3	5408133.1	85242.20313	225.96	57.29	48.826163	-86.940348	55944.85	56277.8	-27.82	55917.03	55921.53906	56053.06472	56040.57422	504378.3	5408133.1
L4380.0	504378.3	5408131.9	85242.29688	224.33	54.91	48.826152	-86.940348	55947.96	56277.8	-27.82	55920.14	55924.55859	56053.63494	56041.15625	504378.3	5408131.9
L4380.0	504378.3	5408130.3	85242.39844	223.63	54.91	48.826137	-86.940348	55951.58	56277.8	-27.82	55923.76	55928.08594	56054.22251	56041.75391	504378.3	5408130.3
L4380.0	504378.3	5408128.9	85242.50000	222.55	55.76	48.826125	-86.940347	55955.75	56277.8	-27.82	55927.93	55932.16406	56054.82270	56042.36719	504378.3	5408128.9
L4380.0	504378.3	5408128.9	85242.60156	221.87	58.11	48.826125	-86.940347	55959.85	56277.8	-27.82	55932.03	55936.17188	56055.47472	56043.03125	504378.3	5408128.9
L4380.0	504378.3	5408127.5	85242.60156	221.87	58.11	48.826112	-86.940347	55963.72	56277.8	-27.82	55935.90	55939.94922	56056.18705	56043.76172	504378.3	5408127.5
L4380.0	504378.4	5408120.3	85243.29688	221.53	47.28	48.826048	-86.940346	55989.16	56277.8	-27.83	55961.34	55965.29688	56055.50413	56043.09766	504378.4	5408120.3
L4380.0	504378.4	5408118.9	85243.39844	223.36	47.47	48.826035	-86.940346	55992.61	56277.8	-27.83	55964.78	55968.64453	56056.32839	56043.94141	504378.4	5408118.9
L4380.0	504378.4	5408117.7	85243.50000	223.67	54.87	48.826024	-86.940346	55996.63	56277.8	-27.83	55968.80	55972.57422	56057.15220	56044.78516	504378.4	5408117.7
L4380.0	504378.4	5408116.5	85243.60156	225.90	54.87	48.826014	-86.940346	56000.63	56277.8	-27.83	55972.79	55976.47266	56058.01396	56045.67188	504378.4	5408116.5
L4380.0	504378.5	5408115.1	85243.70313	227.33	55.43	48.826001	-86.940345	56004.32	56277.8	-27.83	55976.48	55980.07031	56058.92938	56046.61328	504378.5	5408115.1
L4380.0	504378.5	5408115.1	85243.79688	228.17	55.24	48.826001	-86.940345	56008.84	56277.8	-27.84	55981.01	55984.50781	56059.82018	56047.53125	504378.5	5408115.1
L4380.0	504378.5	5408113.7	85243.89844	229.26	55.59	48.825988	-86.940345	56012.44	56277.8	-27.84	55984.60	55988.00781	56060.80279	56048.54297	504378.5	5408113.7
L4380.0	504378.5	5408112.3	85244.00000	227.88	55.59	48.825975	-86.940345	56016.18	56277.8	-27.84	55988.34	55991.65625	56061.80230	56049.57422	504378.5	5408112.3
L4380.0	504378.5	5408110.1	85244.10156	227.57	58.36	48.825956	-86.940345	56019.34	56277.8	-27.84	55991.50	55994.72656	56062.86520	56050.66797	504378.5	5408110.1
L4380.0	504378.5	5408110.1	85244.20313	228.50	58.76	48.825956	-86.940345	56022.91	56277.8	-27.84	55995.07	55998.20703	56063.92334	56051.76172	504378.5	5408110.1
L4380.0	504378.5	5408108.7	85244.29688	228.84	58.9	48.825943	-86.940345	56027.18	56277.8	-27.84	55999.34	56002.38672	56064.95530	56052.83203	504378.5	5408108.7
L4380.0	504378.5	5408107.3	85244.39844	227.40	58.9	48.825930	-86.940345	56030.62	56277.8	-27.84	56002.78	56005.73828	56066.06102	56053.97656	504378.5	5408107.3
L4380.0	504378.5	5408105.9	85244.50000	225.00	58.63	48.825918	-86.940345	56033.61	56277.8	-27.84	56005.77	56008.64063	56067.21320	56055.16797	504378.5	5408105.9
L4380.0	504378.5	5408104.9	85244.60156	222.74	58.63	48.825909	-86.940345	56037.38	56277.8	-27.84	56009.54	56012.32031	56068.32792	56056.32422	504378.5	5408104.9
L4380.0	504378.5	5408103.5	85244.60156	222.74	54.71	48.825896	-86.940345	56040.99	56277.8	-27.84	56013.15	56015.84375	56069.46601	56057.50391	504378.5	5408103.5
L4380.0	504378.5	5408100.1	85245.00000	220.27	59.11	48.825866	-86.940345	56050.25	56277.8	-27.84	56022.41	56025.01563	56070.23835	56058.32422	504378.5	5408100.1
L4380.0	504378.5	5408095.5	85245.39844	220.76	58.16	48.825824	-86.940344	56061.36	56277.9	-27.85	56033.50	56036.01953	56070.89792	56059.03125	504378.5	5408095.5
L4380.0	504378.6	5408093.8	85245.50000	221.67	58.4	48.825809	-86.940344	56064.65	56277.9	-27.85	56036.79	56039.22266	56072.08510	56060.26563	504378.6	5408093.8
L4380.0	504378.6	5408092.9	85245.60156	223.48	59.26	48.825801	-86.940344	56066.96	56277.9	-27.86	56039.11	56041.45703	56073.34301	56061.57422	504378.6	5408092.9
L4380.0	504378.6	5408092.9	85245.70313	226.12	59.43	48.825801	-86.940344	56069.84	56277.9	-27.86	56041.98	56044.24219	56074.56885	56062.85156	504378.6	5408092.9
L4380.0	504378.6	5408091.2	85245.79688	226.65	59.43	48.825785	-86.940344	56072.18	56277.9	-27.86	56044.32	56046.50000	56075.83326	56064.17188	504378.6	5408091.2
L4380.0	504378.6	5408090.0	85245.89844	227.39	59.44	48.825775	-86.940344	56074.13	56277.9	-27.87	56046.26	56048.35938	56077.12626	56065.51953	504378.6	5408090.0
L4380.0	504378.6	5408088.6	85246.00000	227.08	59.41	48.825762	-86.940344	56076.94	56277.9	-27.87	56049.07	56051.08594	56078.36197	56066.81250	504378.6	5408088.6
L4380.0	504378.6	5408088.6	85246.10156	225.38	59.38	48.825762	-86.940344	56078.96	56277.9	-27.87	56051.08	56053.01563	56079.65058	56068.15625	504378.6	5408088.6
L4380.0	504378.6	5408086.9	85246.20313	224.10	59.38	48.825747	-86.940344	56081.32	56277.9	-27.87	56053.45	56055.30469	56080.91370	56069.48047	504378.6	5408086.9
L4380.0	504378.6	5408085.8	85246.29688	223.14	59.11	48.825737	-86.940344	56083.24	56277.9	-27.88	56055.36	56057.13672	56082.20501	56070.83203	504378.6	5408085.8
L4380.0	504378.6	5408084.3	85246.39844	224.76	59.19	48.825724	-86.940344	56085.34	56277.9	-27.88	56057.46	56059.15625	56083.48026	56072.17188	504378.6	5408084.3
L4380.0	504378.6	5408082.9	85246.50000	225.79	59.19	48.825711	-86.940343	56087.84	56277.9	-27.88	56059.96	56061.57813	56084.72463	56073.48047	504378.6	5408082.9
L4380.0	504378.6	5408081.5	85246.60156	224.15	45.06	48.825698	-86.940343	56089.89	56277.9	-27.88	56062.01	56063.55469	56085.99400	56074.81250	504378.6	5408081.5
L4380.0	504378.7	5408080.3	85246.60156	224.15	48.05	48.825688	-86.940343	56091.75	56277.9	-27.88	56063.87	56065.33594	56087.27035	56076.15625	504378.7	5408080.3
L4380.0	504378.7	5408078.9	85246.79688	222.00	49.89	48.825675	-86.940343	56093.79	56277.9	-27.89	56065.90	56067.29297	56088.52902	56077.48438	504378.7	5408078.9
L4380.0	504378.7	5408075.6	85247.10156	220.70	59.74	48.825645	-86.940343	56099.32	56277.9	-27.89	56071.43	56072.75000	56089.54745	56078.57031	504378.7	5408075.6
L4380.0	504378.7	5408075.6	85247.20313	221.37	45.14	48.825645	-86.940343	56100.92	56277.9	-27.89	56073.02	56074.26563	56090.82111	56079.91406	504378.7	5408075.6
L4380.0	504378.7	5408074.1	85247.29688	221.82	46.83	48.825632	-86.940342	56102.18	56277.9	-27.90	56074.28	56075.45313	56092.10888	56081.27344	504378.7	5408074.1
L4380.0	504378.7	5408072.7	85247.39844	222.79	46.83	48.825619	-86.940342	56104.03	56277.9	-27.90	56076.13	56077.23438	56093.34899	56082.58594	504378.7	5408072.7
L4380.0	504378.8	5408071.5	85247.50000	221.94	48.94	48.825609	-86.940342	56105.72	56277.9	-27.90	56077.82	56078.85547	56094.59110	56083.90234	504378.8	5408071.5
L4380.0	504378.8	5408070.1	85247.60156	220.40	55.35	48.825596	-86.940342	56107.44	56277.9	-27.90	56079.54	56080.50391	56095.82221	56085.20703	504378.8	5408070.1
L4380.0	504378.8	5408069.0	85247.70313	220.02	54.25	48.825586	-86.940342	56109.49	56277.9	-27.90	56081.59	56082.48828	56097.02205	56086.48438	504378.8	5408069.0
L4380.0	504378.8	5408066.6	85248.00000	220.41	51.27	48.825564	-86.940342	56113.11	56277.9	-27.91	56085.20	56086.03125	56098.10838	56087.64453	504378.8	5408066.6
L4380.0	504378.8	5408065.0	85248.10156	221.54	51.27	48.825550	-86.940342	56114.98	56277.9	-27.91	56087.07	56087.83594	56099.30100	56088.91406	504378.8	5408065.0
L4380.0	504378.8	5408063.5	85248.20313	222.70	52.49	48.825537	-86.940342	56116.57	56277.9	-27.91	56088.67	56089.37109	56100.50176	56090.19141	504378.8	5408063.5
L4380.0	504378.8	5408062.4	85248.29688	222.98	52.96	48.825526	-86.940342	56117.89	56277.9	-27.91	56089.98	56090.61719	56101.71186	56091.48047	504378.8	5408062.4
L4380.0	504378.8	5408061.2	85248.39844	222.32	53.68	48.825515	-86.940342	56119.58	56277.9	-27.91	56091.68	56092.25391	56102.88586	56092.73438	504378.8	5408061.2
L4380.0	504378.8	5408060.0	85248.50000	223.10	55.63	48.825505	-86.940342	56120.44	56277.9	-27.91	56092.54	56093.05078	56104.10570	56094.03516	504378.8	5408060.0
L4380.0	504378.8	5408058.6	85248.60156	222.80	56.16	48.825492	-86.940342	56122.46	56277.9	-27.90	56094.56	56095.01172	56105.23800	56095.24609	504378.8	5408058.6
L4380.0	504378.8	5408057.4	85248.60156	222.80	56.16	48.825481	-86.940342	56123.71	56277.9	-27.90	56095.81	56096.19922	56106.41141	56096.50000	504378.8	5408057.4
L4380.0	504378.8	5408056.4	85248.79688	225.80	55.15	48.825473	-86.940342	56124.66	56277.9	-27.90	56096.76	56097.08984	56107.59458	56097.76563	504378.8	5408056.4
L4380.0	504378.7	5408054.8	85248.89844	225.19	56.18	48.825458	-86.940342	56125.84	56277.9	-27.90	56097.94	56098.21094	56108.75222	56099.00391	504378.7	5408054.8
L4380.0	504378.7	5408054.8	85249.00000	226.00	57.79	48.825458	-86.940342	56127.20	56277.9	-27.90	56099.30	56099.51563	56109.88769	56100.22266	504378.7	5408054.8
L4380.0	504378.8	5408052.6	85249.10156	224.78	56.57	48.825438	-86.940342	56128.39	56277.9	-27.90	56100.49	56100.64453	56111.02437	56101.44141	504378.8	5408052.6
L4380.0	504378.8	5408051.6	85249.20313	225.35	56.57	48.825430	-86.940342	56129.64	56277.9	-27.90	56101.74	56101.83984	56112.14700	56102.64453	504378.8	5408051.6
L4380.0	504378.8	5408050.7	85249.29688	225.30	56.57	48.825421	-86.940342	56131.29	56277.9	-27.90	56103.39	56103.43359	56113.23300	56103.81250	504378.8	5408050.7
L4380.0	504378.8	5408050.7	85249.39844	223.25	59.62	48.825421	-86.940342	56132.16	56277.9	-27.90	56104.26	56104.24609	56114.36111	56105.02344	504378.8	5408050.7
L4380.0	504378.7	5408048.5	85249.50000	221.95	62.39	48.825401	-86.940342	56133.67	56277.9	-27.90	56105.77	56105.70313	56115.43676	56106.18359	504378.7	5408048.5
L4380.0	504378.7	5408047.1	85249.60156	221.83	65.74	48.825389	-86.940342	56134.64	56277.9	-27.91	56106.73	56106.60938	56116.53940	56107.36719	504378.7	5408047.1
L4380.0	504378.7	5408045.6	85249.70313	221.33	65.74	48.825376	-86.940343	56135.81	56277.9	-27.91	56107.90	56107.72266	56117.61847	56108.52734	504378.7	5408045.6
L4380.0	504378.7	5408045.6	85249.79688	221.09	66.08	48.825376	-86.940343	56136.91	56277.9	-27.91	56109.00	56108.76953	56118.69274	56109.68359	504378.7	5408045.6
L4380.0	504378.7	5408042.8	85250.00000	221.87	59.18	48.825350	-86.940343	56139.60	56277.9	-27.91	56111.69	56111.40625	56119.65166	56110.72266	504378.7	5408042.8

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4380.0	504378.7	5408041.1	85250.10156	221.79	59.44	48.825334	-86.940343	56141.08	56277.9	-27.91	56113.17	56112.83594	56120.68203	56111.83203	504378.7	5408041.1
L4380.0	504378.7	5408039.8	85250.20313	221.47	60.05	48.825323	-86.940343	56141.98	56277.9	-27.92	56114.06	56113.67188	56121.74264	56112.97656	504378.7	5408039.8
L4380.0	504378.7	5408038.4	85250.29688	223.24	60.05	48.825311	-86.940343	56143.01	56277.9	-27.92	56115.09	56114.64844	56122.78493	56114.09766	504378.7	5408038.4
L4380.0	504378.7	5408036.9	85250.39844	223.88	60.42	48.825297	-86.940343	56144.24	56277.9	-27.92	56116.32	56115.82422	56123.80503	56115.19531	504378.7	5408036.9
L4380.0	504378.7	5408036.9	85250.50000	225.86	63.09	48.825297	-86.940343	56145.34	56277.9	-27.93	56117.41	56116.86328	56124.82573	56116.29297	504378.7	5408036.9
L4380.0	504378.7	5408035.7	85250.60156	227.09	63.09	48.825286	-86.940343	56146.61	56277.9	-27.93	56118.68	56118.07813	56125.82583	56117.37109	504378.7	5408035.7
L4380.0	504378.7	5408034.3	85250.60156	227.09	65.44	48.825273	-86.940343	56147.61	56277.9	-27.93	56119.68	56119.02734	56126.83544	56118.45703	504378.7	5408034.3
L4380.0	504378.7	5408032.8	85250.79688	226.49	65.11	48.825260	-86.940343	56148.88	56277.9	-27.93	56120.95	56120.24219	56127.81869	56119.51563	504378.7	5408032.8
L4380.0	504378.7	5408032.8	85250.89844	224.10	63.79	48.825260	-86.940343	56149.82	56277.9	-27.94	56121.88	56121.11719	56128.81636	56120.58594	504378.7	5408032.8
L4380.0	504378.7	5408030.9	85251.00000	221.93	63.57	48.825243	-86.940343	56151.25	56277.9	-27.94	56123.31	56122.49609	56129.77258	56121.61719	504378.7	5408030.9
L4380.0	504378.7	5408029.0	85251.10156	221.08	63.57	48.825226	-86.940343	56152.74	56277.9	-27.94	56124.79	56123.92188	56130.71746	56122.63281	504378.7	5408029.0
L4380.0	504378.7	5408029.0	85251.20313	221.98	61.9	48.825226	-86.940343	56153.84	56277.9	-27.95	56125.90	56124.97656	56131.67912	56123.66797	504378.7	5408029.0
L4380.0	504378.7	5408027.6	85251.29688	223.65	61.9	48.825213	-86.940343	56155.57	56278	-27.95	56127.62	56126.64063	56132.59234	56124.64844	504378.7	5408027.6
L4380.0	504378.7	5408027.6	85251.39844	222.17	53.83	48.825213	-86.940343	56156.36	56278	-27.96	56128.40	56127.36328	56133.56056	56125.68359	504378.7	5408027.6
L4380.0	504378.7	5408025.4	85251.50000	220.45	57.62	48.825193	-86.940343	56156.98	56278	-27.96	56129.02	56127.92578	56134.53191	56126.72266	504378.7	5408025.4
L4380.0	504378.7	5408024.2	85251.60156	221.66	57.62	48.825183	-86.940343	56157.85	56278	-27.96	56129.88	56128.73047	56135.47982	56127.73438	504378.7	5408024.2
L4380.0	504378.7	5408021.5	85251.70313	222.09	52.38	48.825159	-86.940344	56159.11	56278	-27.97	56131.14	56129.92969	56136.39374	56128.71094	504378.7	5408021.5
L4380.0	504378.7	5408021.5	85251.79688	224.70	54.68	48.825159	-86.940344	56160.53	56278	-27.97	56132.56	56131.28906	56137.28977	56129.66797	504378.7	5408021.5
L4380.0	504378.7	5408020.1	85251.89844	224.85	57.64	48.825146	-86.940344	56162.42	56278	-27.98	56134.44	56133.10938	56138.14801	56130.58594	504378.7	5408020.1
L4380.0	504378.6	5408018.2	85252.00000	224.03	57.64	48.825129	-86.940344	56162.51	56278	-27.98	56134.53	56133.13672	56139.11858	56131.61328	504378.6	5408018.2
L4380.0	504378.6	5408018.2	85252.10156	223.74	56.71	48.825129	-86.940344	56162.36	56278	-27.98	56134.37	56132.91016	56140.09890	56132.64844	504378.6	5408018.2
L4380.0	504378.6	5408016.7	85252.20313	223.79	56.2	48.825115	-86.940345	56163.81	56278	-27.98	56135.82	56134.29688	56140.96507	56133.57031	504378.6	5408016.7
L4380.0	504378.6	5408015.3	85252.29688	225.23	56.2	48.825103	-86.940345	56165.64	56278	-27.98	56137.66	56136.07031	56141.79853	56134.45313	504378.6	5408015.3
L4380.0	504378.6	5408015.3	85252.39844	225.27	62.33	48.825103	-86.940345	56166.37	56278	-27.98	56138.39	56136.73047	56142.69937	56135.40234	504378.6	5408015.3
L4380.0	504378.5	5408013.1	85252.50000	224.64	57.87	48.825083	-86.940345	56167.52	56278	-27.99	56139.54	56137.81250	56143.56568	56136.31641	504378.5	5408013.1
L4380.0	504378.5	5408011.7	85252.60156	226.46	46.61	48.825070	-86.940346	56168.50	56278	-27.99	56140.52	56138.71875	56144.43689	56137.23047	504378.5	5408011.7
L4380.0	504378.5	5408010.5	85252.60156	226.46	48.73	48.825060	-86.940346	56169.06	56278	-27.99	56141.08	56139.20703	56145.32975	56138.16406	504378.5	5408010.5
L4380.0	504378.5	5408009.3	85252.79688	223.66	48.73	48.825049	-86.940346	56170.78	56278	-27.99	56142.79	56140.83984	56146.13969	56139.01563	504378.5	5408009.3
L4380.0	504378.5	5408007.9	85252.89844	224.29	45.66	48.825036	-86.940346	56172.25	56278	-27.99	56144.26	56142.23047	56146.95944	56139.87109	504378.5	5408007.9
L4380.0	504378.5	5408006.6	85253.00000	223.15	42.29	48.825024	-86.940346	56172.32	56278	-27.99	56144.33	56142.22266	56147.86644	56140.81250	504378.5	5408006.6
L4380.0	504378.5	5408005.9	85253.10156	222.66	42.29	48.825018	-86.940346	56173.19	56278	-27.99	56145.20	56143.00781	56148.71410	56141.69141	504378.5	5408005.9
L4380.0	504378.5	5408004.2	85253.20313	222.98	50.44	48.825002	-86.940346	56173.96	56278	-27.99	56145.97	56143.69531	56149.56248	56142.56641	504378.5	5408004.2
L4380.0	504378.5	5408004.2	85253.29688	221.95	41.8	48.825002	-86.940346	56175.84	56278	-28.00	56147.84	56145.47656	56150.33168	56143.36328	504378.5	5408004.2
L4380.0	504378.5	5408002.5	85253.39844	221.20	41.8	48.824988	-86.940346	56176.76	56278	-28.00	56148.76	56146.30859	56151.15842	56144.21094	504378.5	5408002.5
L4380.0	504378.5	5408001.5	85253.50000	220.99	57.32	48.824979	-86.940346	56176.65	56278	-28.00	56148.65	56146.10547	56152.04813	56145.12109	504378.5	5408001.5
L4380.0	504378.5	5408000.4	85253.60156	223.76	42.77	48.824969	-86.940346	56177.36	56278	-28.00	56149.36	56146.71875	56152.87752	56145.96875	504378.5	5408000.4
L4380.0	504378.5	5407998.8	85253.70313	224.43	42.77	48.824954	-86.940347	56178.34	56278	-28.00	56150.34	56147.60156	56153.68335	56146.78516	504378.5	5407998.8
L4380.0	504378.5	5407998.8	85253.79688	224.34	44.39	48.824954	-86.940347	56179.41	56278	-28.01	56151.41	56148.57031	56154.47768	56147.58984	504378.5	5407998.8
L4380.0	504378.4	5407997.3	85253.89844	225.14	46.32	48.824941	-86.940347	56180.16	56278	-28.01	56152.16	56149.21875	56155.28790	56148.41016	504378.4	5407997.3
L4380.0	504378.4	5407995.9	85254.00000	224.47	46.32	48.824928	-86.940347	56181.45	56278	-28.01	56153.43	56150.38281	56156.05810	56149.18359	504378.4	5407995.9
L4380.0	504378.4	5407994.9	85254.10156	226.07	51.24	48.824919	-86.940347	56183.23	56278	-28.01	56155.22	56152.06250	56156.78832	56149.91406	504378.4	5407994.9
L4380.0	504378.4	5407993.3	85254.20313	225.76	50.52	48.824905	-86.940347	56184.51	56278	-28.01	56156.50	56153.22656	56157.54731	56150.67188	504378.4	5407993.3
L4380.0	504378.4	5407992.4	85254.29688	224.16	51.32	48.824896	-86.940347	56185.36	56278	-28.01	56157.35	56153.96094	56158.32979	56151.44531	504378.4	5407992.4
L4380.0	504378.4	5407990.9	85254.39844	223.25	40.18	48.824883	-86.940347	56186.18	56278	-28.01	56158.17	56154.66016	56159.10917	56152.21875	504378.4	5407990.9
L4380.0	504378.4	5407989.5	85254.50000	221.20	40.18	48.824871	-86.940347	56186.36	56278	-28.00	56158.36	56154.72656	56159.92550	56153.01953	504378.4	5407989.5
L4380.0	504378.4	5407988.4	85254.60156	222.54	40.81	48.824860	-86.940347	56186.88	56278	-28.00	56158.87	56155.11328	56160.71552	56153.79297	504378.4	5407988.4
L4380.0	504378.5	5407987.0	85254.60156	222.54	45.3	48.824848	-86.940347	56188.03	56278	-28.00	56160.02	56156.13281	56161.45796	56154.51563	504378.5	5407987.0
L4380.0	504378.5	5407987.0	85254.79688	220.48	45.3	48.824848	-86.940347	56188.64	56278	-28.00	56160.64	56156.61719	56162.23090	56155.26563	504378.5	5407987.0
L4380.0	504378.5	5407985.6	85254.89844	220.95	50.3	48.824835	-86.940347	56189.73	56278	-28.00	56161.73	56157.57031	56162.96771	56155.97656	504378.5	5407985.6
L4380.0	504378.5	5407984.1	85255.00000	220.57	32.76	48.824822	-86.940347	56190.68	56278	-28.00	56162.68	56158.37891	56163.70916	56156.68750	504378.5	5407984.1
L4380.0	504378.5	5407982.9	85255.10156	221.33	32.76	48.824812	-86.940347	56191.60	56278	-28.00	56163.59	56159.14453	56164.44862	56157.39063	504378.5	5407982.9
L4380.0	504378.5	5407981.5	85255.20313	222.36	32.91	48.824799	-86.940347	56191.88	56278	-28.01	56163.87	56159.27344	56165.22552	56158.12891	504378.5	5407981.5
L4380.0	504378.5	5407980.1	85255.29688	221.18	32.94	48.824786	-86.940347	56192.93	56278	-28.01	56164.92	56160.17188	56165.94658	56158.80859	504378.5	5407980.1
L4380.0	504378.5	5407978.5	85255.39844	221.85	33.49	48.824771	-86.940347	56193.40	56278	-28.02	56165.38	56160.47266	56166.70255	56159.51953	504378.5	5407978.5
L4380.0	504378.5	5407978.5	85255.50000	222.48	33.49	48.824771	-86.940347	56194.31	56278	-28.03	56166.28	56161.21094	56167.42484	56160.19141	504378.5	5407978.5
L4380.0	504378.5	5407977.5	85255.60156	224.69	33.37	48.824763	-86.940347	56195.31	56278	-28.03	56167.28	56162.04688	56168.13618	56160.85156	504378.5	5407977.5
L4380.0	504378.5	5407976.1	85255.70313	224.47	35.07	48.824750	-86.940347	56196.26	56278	-28.04	56168.22	56162.81641	56168.84732	56161.50391	504378.5	5407976.1
L4380.0	504378.5	5407974.7	85255.79688	223.01	37.06	48.824737	-86.940346	56197.14	56278	-28.04	56169.10	56163.52344	56169.55834	56162.15234	504378.5	5407974.7
L4380.0	504378.5	5407974.7	85255.89844	222.13	37.06	48.824737	-86.940346	56197.81	56278	-28.05	56169.77	56164.01563	56170.27931	56162.80859	504378.5	5407974.7
L4380.0	504378.5	5407973.3	85256.00000	220.65	52.22	48.824725	-86.940346	56198.36	56278.1	-28.05	56170.31	56164.37500	56171.00499	56163.46875	504378.5	5407973.3
L4380.0	504378.5	5407971.6	85256.10156	220.45	56.65	48.824709	-86.940346	56199.14	56278.1	-28.06	56171.08	56164.95703	56171.71145	56164.10156	504378.5	5407971.6
L4380.0	504378.5	5407970.2	85256.20313	222.81	56.65	48.824697	-86.940346	56199.45	56278.1	-28.06	56171.39	56165.07813	56172.44478	56164.75781	504378.5	5407970.2
L4380.0	504378.5	5407968.7	85256.29688	221.48	54.43	48.824683	-86.940346	56200.27	56278.1	-28.07	56172.21	56165.70313	56173.14039	56165.37500	504378.5	5407968.7
L4380.0	504378.5	5407967.8	85256.39844	223.03	53.49	48.824675	-86.940346	56200.85	56278.1	-28.07	56172.78	56166.07422	56173.84904	56166.00000	504378.5	5407967.8
L4380.0	504378.5	5407966.8	85256.50000	223.83	54.38	48.824666	-86.940346	56201.47	56278.1	-28.07	56173.39	56166.48047	56174.55146	56166.61328	504378.5	5407966.8
L4380.0	504378.5	5407965.4	85256.60156	222.12	54.38	48.824654	-86.940346	56202.42	56278.1	-28.08	56174.34	56167.22266	56175.22776	56167.19922	504378.5	5407965.4
L4380.0	504378.5	5407964.0	85256.60156	222.12	56.15	48.824641	-86.940346	56202.88	56278.1	-28.08	56174.80	56167.46875	56175.93333	56167.81250	504378.5	5407964.0
L4380.0	504378.6	5407962.9	85256.79688	222.31	46.43	48.824632	-86.940346	56203.82	56278.1	-28.09	56175.73	56168.18359	56176.60427	56168.38281	504378.6	5407962.9
L4380.0	504378.6	5407962.9	85256.89844	223.47	46.43	48.824632	-86.940346	56204.26	56278.1	-28.10	56176.17	56168.40234	56177.30466	56168.98047	504378.6	5407962.9
L4380.0	504378.6	5407961.0	85257.00000	223.56	43.23	48.824615	-86.940346	56205.00	56278.1	-28.10	56176.90	56168.90625	56177.98258	56169.55078	504378.6	5407961.0
L4380.0	504378.6	5407959.4	85257.10156	221.51	43.23	48.824600	-86.940345	56205.92	56278.1	-28.10	56177.81	56169.58594	56178.64546	56170.10547	504378.6	5407959.4
L4380.0	504378.6	5407959.4	85257.20313	222.30	44.03	48.824600	-86.940345	56206.83	56278.1	-28.11	56178.72	56170.26172	56179.30536	56170.65234	504378.6	5407959.4
L4380.0	504378.6	5407957.7	85257.29688	222.33	55.94	48.824585	-86.940345	56206.96	56278.1	-28.11	56178.85	56170.15234	56180.01438	56171.24219	504378.6	5407957.7
L4380.0	504378.6	5407956.3	85257.39844	222.71	55.94	48.824572	-86.940345	56207.81	56278.1	-28.12	56179.69	56170.75000	56180.67325	56171.78125	504378.6	5407956.3
L4380.0	504378.6	5407955.1	85257.50000	223.56	55.98	48.824561	-86.940345	56208.49	56278.1	-28.12	56180.37	56171.18359	56181.34006	56172.32422	504378.6	5407955.1
L4380.0	504378.6	5407953.7	85257.60156	224.34	55.98	48.824549	-86.940345	56208.95	56278.1	-28.12	56180.83	56171.39063	56182.01889	56172.87500	504378.6	5407953.7
L4380.0	504378.6	5407952.3	85257.70313	225.11	56.01	48.824536	-86.940345	56210.23	56278.1	-28.13	56182.11	56172.41797	56182.64047	56173.36719	504378.6	5407952.3
L4380.0	504378.6	5407952.3	85257.79688	223.57	56.02	48.824536	-86.940345	56210.87	56278.1	-28.13	56182.74	56172.78516	56183.30289	56173.89453	504378.6	5407952.3
L4380.0	504378.6	5407951.1	85257.89844	224.43	56.02	48.824525	-86.940345	56211.01	56278.1	-28.14	56182.88	56172.66406	56183.99554	56174.44922	504378.6	5407951.1
L4380.0	504378.6	5407949.6	85258.00000	224.44	55.9	48.824512	-86.940345	56212.16	56278.1	-28.14	56184.02	56173.53516	56184.61917	56174.92969	504378.6	5407949.6
L4380.0	504378.6	5407948.0	85258.10156	224.98	55.9	48.824498	-86.940345	56211.89	56278.1	-28.14	56183.74	56172.98438	56185.33518	56175.50000	504378.6	5407948.0
L4380.0	504378.6	5407946.6	85258.20313	226.64	55.91	48.824485	-86.940345	56213.23	56278.1	-28.15	56185.09	56174.05859	56185.94029	56175.95703	504378.6	5407946.6
L4380.0	504378.6	5407945.1	85258.29688	226.24	55.94	48.824471	-86.940345	56213.91	56278.2	-28.15	56185.75	56174.43750	56186.58925	56176.45313	504378.6	5407945.1
L4380.0	504378.6	5407945.1	85258.39844	225.48	54.82	48.824471	-86.940345	56214.04	56278.2	-28.16	56185.88	56174.28125	56187.27144	56176.98047	504378.6	5407945.1
L4380.0	504378.6	5407943.8	85258.50000	226.26	54.82	48.824459	-86.940345	56214.70	56278.2	-28.16	56186.53	56174.64453	56187.91692	56177.46875	504378.6	5407943.8
L4380.0	504378.6	5407942.8	85258.60156	225.18	55.72	48.824451	-86.940345	56215.38	56278.2	-28.16	56187.22	56175.04297	56188.55775	56177.94922	504378.6	5407942.8
L4380.0	504378.6	5407941.6	85258.60156	225.18	55.97	48.824440	-86.940345	56216.18	56278.2	-28.16	56188.02	56175.54688	56189.18931	56178.41797	504378.6	5407941.6
L4380.0	504378.6	5407940.2	85258.79688	224.06	55.97	48.824427	-86.940345	56217.07	56278.2	-28.17	56188.89	56176.11719	56189.81432	56178.87500	504378.6	5407940.2
L4380.0	504378.6	5407939.0	85258.89844	224.07	55.7	48.824416	-86.940345	56217.70	56278.2	-28.18	56189.53	56176.45703	56190.45282	56179.34375	504378.6	5407939.0
L4380.0	504378.6	5407937.8	85259.00000	224.69	55.5	48.824405	-86.940345	56218.45	56278.2	-28.18	56190.27	56176.89063	56191.08286	56179.80078	504378.6	5407937.8
L4380.0	504378.6	5407937.8	85259.10156	223.78	55.62	48.824405	-86.940345	56218.85	56278.2	-28.18	56190.67	56176.98047	56191.73381	56180.27734	504378.6	5407937.8
L4380.0	504378.6	5407935.9	85259.20313	225.28	55.62	48.824389	-86.940345	56219.75	56278.2	-28.18	56191.57	56177.56641	56192.34970	56180.71484	504378.6	5407935.9
L4380.0	504378.6	5407934.7	85259.29688	223.51	55.64	48.824378	-86.940345	56220.03	56278.2	-28.18	56191.85	56177.53125	56193.00524	56181.18750	504378.6	5407934.7

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4380.0	504378.6	5407933.3	85259.39844	221.85	55.64	48.824365	-86.940345	56220.99	56278.2	-28.18	56192.82	56178.17969	56193.61311	56181.61328	504378.6	5407933.3
L4380.0	504378.6	5407931.8	85259.50000	221.76	38.79	48.824352	-86.940345	56221.70	56278.2	-28.17	56193.52	56178.55859	56194.23734	56182.05078	504378.6	5407931.8
L4380.0	504378.6	5407930.4	85259.70313	220.40	45.24	48.824339	-86.940345	56222.84	56278.2	-28.17	56194.67	56179.38281	56194.82996	56182.45703	504378.6	5407930.4
L4380.0	504378.6	5407929.0	85259.79688	222.82	48.05	48.824327	-86.940345	56223.27	56278.2	-28.17	56195.09	56179.47266	56195.46965	56182.90625	504378.6	5407929.0
L4380.0	504378.6	5407927.6	85259.89844	223.83	48.05	48.824314	-86.940346	56224.26	56278.2	-28.17	56196.09	56180.14063	56196.06908	56183.31250	504378.6	5407927.6
L4380.0	504378.6	5407926.6	85260.00000	225.70	47.77	48.824305	-86.940346	56224.88	56278.2	-28.17	56196.71	56180.42578	56196.69228	56183.73828	504378.6	5407926.6
L4380.0	504378.6	5407925.3	85260.10156	226.73	44.16	48.824293	-86.940346	56225.16	56278.2	-28.17	56196.99	56180.36719	56197.33657	56184.18359	504378.6	5407925.3
L4380.0	504378.6	5407923.9	85260.20313	228.39	38.35	48.824280	-86.940346	56226.33	56278.2	-28.18	56198.15	56181.18750	56197.92063	56184.57031	504378.6	5407923.9
L4380.0	504378.6	5407922.2	85260.29688	228.70	38.35	48.824266	-86.940346	56226.82	56278.2	-28.18	56198.63	56181.32813	56198.54846	56184.99609	504378.6	5407922.2
L4380.0	504378.6	5407921.1	85260.39844	227.59	37.83	48.824256	-86.940346	56227.92	56278.2	-28.19	56199.73	56182.08203	56199.13338	56185.37500	504378.6	5407921.1
L4380.0	504378.5	5407919.9	85260.50000	228.74	39.22	48.824245	-86.940346	56228.50	56278.2	-28.19	56200.31	56182.31641	56199.75139	56185.78906	504378.5	5407919.9
L4380.0	504378.5	5407919.0	85260.60156	228.39	39.2	48.824236	-86.940347	56228.15	56278.2	-28.19	56199.95	56181.60547	56200.43048	56186.26172	504378.5	5407919.0
L4380.0	504378.5	5407918.1	85260.60156	228.39	48.83	48.824229	-86.940347	56228.88	56278.2	-28.19	56200.69	56181.99609	56201.03462	56186.65625	504378.5	5407918.1
L4380.0	504378.5	5407918.1	85260.79688	228.68	48.83	48.824229	-86.940347	56229.85	56278.2	-28.20	56201.65	56182.60156	56201.62246	56187.03125	504378.5	5407918.1
L4380.0	504378.5	5407916.5	85260.89844	228.91	54.99	48.824214	-86.940347	56231.56	56278.2	-28.21	56203.36	56183.95703	56202.15865	56187.35547	504378.5	5407916.5
L4380.0	504378.5	5407915.1	85261.00000	229.62	54.89	48.824202	-86.940347	56231.69	56278.2	-28.21	56203.48	56183.71875	56202.79916	56187.78125	504378.5	5407915.1
L4380.0	504378.5	5407914.0	85261.10156	229.27	54.76	48.824192	-86.940347	56231.74	56278.2	-28.21	56203.53	56183.41016	56203.44260	56188.20703	504378.5	5407914.0
L4380.0	504378.5	5407913.1	85261.20313	227.74	54.76	48.824183	-86.940347	56233.38	56278.2	-28.22	56205.16	56184.67969	56203.97896	56188.52734	504378.5	5407913.1
L4380.0	504378.5	5407911.8	85261.29688	227.09	49.51	48.824171	-86.940348	56233.68	56278.2	-28.22	56205.46	56184.62109	56204.60218	56188.93359	504378.5	5407911.8
L4380.0	504378.5	5407910.4	85261.39844	225.85	54.52	48.824159	-86.940348	56234.42	56278.2	-28.23	56206.19	56184.98828	56205.19488	56189.30469	504378.5	5407910.4
L4380.0	504378.5	5407909.3	85261.50000	225.04	53.22	48.824149	-86.940348	56235.24	56278.2	-28.24	56207.00	56185.43359	56205.78034	56189.67188	504378.5	5407909.3
L4380.0	504378.5	5407908.0	85261.60156	223.67	53.22	48.824137	-86.940348	56236.04	56278.2	-28.24	56207.80	56185.86719	56206.36451	56190.03125	504378.5	5407908.0
L4380.0	504378.5	5407908.0	85261.70313	222.08	54.25	48.824137	-86.940348	56236.54	56278.2	-28.25	56208.29	56185.99219	56206.96733	56190.41406	504378.5	5407908.0
L4380.0	504378.4	5407906.7	85261.79688	220.18	54.16	48.824126	-86.940348	56237.65	56278.3	-28.25	56209.40	56186.73438	56207.52672	56190.74609	504378.4	5407906.7
L4380.0	504378.4	5407905.4	85261.89844	220.17	54.16	48.824114	-86.940348	56238.07	56278.3	-28.26	56209.81	56186.77734	56208.13062	56191.12500	504378.4	5407905.4
L4380.0	504378.4	5407904.0	85262.00000	220.29	54.1	48.824102	-86.940348	56239.13	56278.3	-28.26	56210.86	56187.45703	56208.68963	56191.46094	504378.4	5407904.0
L4380.0	504378.4	5407901.6	85262.20313	222.07	53.4	48.824080	-86.940348	56239.57	56278.3	-28.27	56211.30	56187.53125	56209.28700	56191.83203	504378.4	5407901.6
L4380.0	504378.4	5407901.6	85262.29688	223.53	40.95	48.824080	-86.940348	56240.27	56278.3	-28.27	56212.00	56187.86328	56209.86466	56192.17969	504378.4	5407901.6
L4380.0	504378.4	5407900.1	85262.39844	220.51	42.63	48.824067	-86.940348	56241.20	56278.3	-28.27	56212.92	56188.41406	56210.42519	56192.51563	504378.4	5407900.1
L4380.0	504378.4	5407898.7	85262.50000	222.36	42.63	48.824054	-86.940349	56243.31	56278.3	-28.28	56215.03	56190.15234	56210.90383	56192.76563	504378.4	5407898.7
L4380.0	504378.4	5407898.7	85262.60156	223.13	41.31	48.824054	-86.940349	56243.86	56278.3	-28.28	56215.58	56190.33203	56211.48385	56193.11719	504378.4	5407898.7
L4380.0	504378.4	5407897.5	85262.60156	223.13	42.55	48.824043	-86.940349	56244.13	56278.3	-28.28	56215.85	56190.23438	56212.07982	56193.48438	504378.4	5407897.5
L4380.0	504378.4	5407896.2	85262.79688	226.29	38.43	48.824032	-86.940349	56244.81	56278.3	-28.28	56216.52	56190.53516	56212.64632	56193.82031	504378.4	5407896.2
L4380.0	504378.3	5407895.0	85262.89844	224.75	38.43	48.824021	-86.940349	56246.35	56278.3	-28.29	56218.06	56191.70703	56213.15193	56194.09766	504378.3	5407895.0
L4380.0	504378.3	5407893.6	85263.00000	225.28	40.06	48.824008	-86.940350	56246.49	56278.3	-28.29	56218.20	56191.47656	56213.74790	56194.46094	504378.3	5407893.6
L4380.0	504378.3	5407892.8	85263.10156	223.10	40.06	48.824001	-86.940350	56247.90	56278.3	-28.30	56219.60	56192.50781	56214.25681	56194.74219	504378.3	5407892.8
L4380.0	504378.3	5407892.8	85263.20313	221.48	47.54	48.824001	-86.940350	56248.30	56278.3	-28.30	56219.99	56192.53125	56214.82991	56195.08594	504378.3	5407892.8
L4380.0	504378.3	5407891.4	85263.29688	220.99	38.55	48.823988	-86.940350	56248.26	56278.3	-28.31	56219.95	56192.12500	56215.42845	56195.45313	504378.3	5407891.4
L4380.0	504378.2	5407890.2	85263.39844	224.13	42.21	48.823977	-86.940351	56249.72	56278.3	-28.31	56221.40	56193.21094	56215.92435	56195.71875	504378.2	5407890.2
L4380.0	504378.2	5407889.0	85263.50000	224.97	42.21	48.823967	-86.940351	56250.46	56278.3	-28.32	56222.14	56193.58594	56216.46420	56196.02734	504378.2	5407889.0
L4380.0	504378.2	5407888.0	85263.60156	226.12	42.03	48.823958	-86.940351	56251.04	56278.3	-28.33	56222.71	56193.79297	56217.01192	56196.34766	504378.2	5407888.0
L4380.0	504378.2	5407887.3	85263.70313	226.91	47.44	48.823951	-86.940352	56252.31	56278.3	-28.33	56223.98	56194.69922	56217.50944	56196.61328	504378.2	5407887.3
L4380.0	504378.1	5407886.3	85263.79688	228.22	48.39	48.823942	-86.940352	56253.46	56278.3	-28.34	56225.12	56195.47656	56218.01201	56196.88672	504378.1	5407886.3
L4380.0	504378.1	5407885.1	85263.89844	226.91	37.84	48.823932	-86.940353	56253.36	56278.3	-28.34	56225.02	56195.01953	56218.59358	56197.24219	504378.1	5407885.1
L4380.0	504378.1	5407885.1	85264.00000	226.95	37.84	48.823932	-86.940353	56253.95	56278.3	-28.35	56225.60	56195.23828	56219.12607	56197.54688	504378.1	5407885.1
L4380.0	504378.1	5407883.9	85264.10156	224.73	37.38	48.823920	-86.940353	56254.99	56278.4	-28.35	56226.64	56195.92188	56219.62409	56197.81641	504378.1	5407883.9
L4380.0	504378.1	5407882.9	85264.20313	225.34	36.84	48.823912	-86.940353	56254.64	56278.4	-28.35	56226.29	56195.21875	56220.21091	56198.17578	504378.1	5407882.9
L4380.0	504378.0	5407881.5	85264.29688	223.44	36.84	48.823899	-86.940354	56255.57	56278.4	-28.35	56227.22	56195.79688	56220.70847	56198.44531	504378.0	5407881.5
L4380.0	504378.0	5407881.5	85264.39844	222.47	43.8	48.823899	-86.940354	56255.76	56278.4	-28.35	56227.41	56195.63281	56221.25138	56198.76172	504378.0	5407881.5
L4380.0	504378.0	5407880.4	85264.50000	222.27	42.77	48.823889	-86.940354	56256.34	56278.4	-28.35	56227.99	56195.86328	56221.76427	56199.05078	504378.0	5407880.4
L4380.0	504378.0	5407879.1	85264.60156	222.61	42.77	48.823878	-86.940354	56257.11	56278.4	-28.36	56228.76	56196.28516	56222.26040	56199.32031	504378.0	5407879.1
L4380.0	504378.0	5407878.1	85264.60156	222.61	45.06	48.823868	-86.940355	56257.21	56278.4	-28.36	56228.86	56196.04297	56222.79708	56199.63281	504378.0	5407878.1
L4380.0	504378.0	5407876.9	85264.79688	223.44	44.35	48.823857	-86.940355	56258.52	56278.4	-28.36	56230.16	56197.00000	56223.24957	56199.86328	504378.0	5407876.9
L4380.0	504378.0	5407876.9	85264.89844	223.07	43.6	48.823857	-86.940355	56258.54	56278.4	-28.36	56230.18	56196.67578	56223.78318	56200.17188	504378.0	5407876.9
L4380.0	504378.0	5407875.7	85265.00000	222.24	43.6	48.823847	-86.940355	56259.36	56278.4	-28.36	56231.00	56197.16016	56224.25920	56200.42969	504378.0	5407875.7
L4380.0	504378.0	5407875.0	85265.10156	222.59	43.33	48.823841	-86.940355	56260.27	56278.4	-28.36	56231.91	56197.73047	56224.72491	56200.67188	504378.0	5407875.0
L4380.0	504378.0	5407873.9	85265.20313	222.11	44.28	48.823831	-86.940355	56261.18	56278.4	-28.36	56232.81	56198.29688	56225.18696	56200.91406	504378.0	5407873.9
L4380.0	504378.0	5407873.2	85265.29688	224.15	44.28	48.823825	-86.940355	56261.75	56278.4	-28.36	56233.39	56198.54688	56225.66596	56201.17578	504378.0	5407873.2
L4380.0	504378.0	5407872.3	85265.39844	223.02	43.47	48.823816	-86.940354	56262.45	56278.4	-28.36	56234.08	56198.91016	56226.13322	56201.42578	504378.0	5407872.3
L4380.0	504378.0	5407871.3	85265.50000	225.47	44.21	48.823808	-86.940354	56262.78	56278.4	-28.37	56234.41	56198.91406	56226.62005	56201.69531	504378.0	5407871.3
L4380.0	504378.0	5407871.3	85265.60156	226.57	43.44	48.823808	-86.940354	56263.39	56278.4	-28.37	56235.02	56199.19922	56227.08375	56201.94141	504378.0	5407871.3
L4380.0	504378.0	5407870.4	85265.70313	227.88	43.44	48.823799	-86.940354	56263.48	56278.4	-28.37	56235.12	56198.98047	56227.57696	56202.22266	504378.0	5407870.4
L4380.0	504378.0	5407869.2	85265.79688	224.24	43.51	48.823789	-86.940354	56264.32	56278.4	-28.37	56235.95	56199.49219	56228.01699	56202.44922	504378.0	5407869.2
L4380.0	504378.0	5407868.5	85265.89844	223.69	43.3	48.823782	-86.940354	56264.96	56278.4	-28.37	56236.59	56199.81641	56228.46515	56202.68359	504378.0	5407868.5
L4380.0	504378.0	5407868.5	85266.00000	223.45	42.55	48.823782	-86.940354	56265.51	56278.4	-28.37	56237.14	56200.05469	56228.91477	56202.92188	504378.0	5407868.5
L4380.0	504378.0	5407867.6	85266.10156	221.57	42.55	48.823774	-86.940354	56265.86	56278.4	-28.38	56237.49	56200.09766	56229.37315	56203.17188	504378.0	5407867.6
L4380.0	504378.0	5407866.8	85266.20313	221.35	39.75	48.823766	-86.940354	56265.79	56278.4	-28.38	56237.40	56199.70313	56229.85629	56203.44531	504378.0	5407866.8
L4380.0	504378.1	5407865.9	85266.29688	221.75	40.09	48.823759	-86.940354	56266.54	56278.4	-28.39	56238.15	56200.14844	56230.27885	56203.66016	504378.1	5407865.9
L4380.0	504378.1	5407865.2	85266.39844	222.98	40.09	48.823752	-86.940354	56266.88	56278.4	-28.39	56238.49	56200.19141	56230.72416	56203.90234	504378.1	5407865.2
L4380.0	504378.1	5407864.5	85266.50000	223.42	40.64	48.823746	-86.940354	56267.29	56278.4	-28.40	56238.89	56200.29297	56231.16087	56204.13281	504378.1	5407864.5
L4380.0	504378.1	5407863.8	85266.60156	221.98	41.35	48.823740	-86.940354	56267.70	56278.4	-28.41	56239.30	56200.41016	56231.59233	56204.35938	504378.1	5407863.8
L4380.0	504378.1	5407863.8	85266.60156	221.98	42.59	48.823740	-86.940354	56268.77	56278.4	-28.41	56240.37	56201.19141	56231.97521	56204.53906	504378.1	5407863.8
L4380.0	504378.1	5407862.9	85266.79688	224.44	42.59	48.823732	-86.940354	56269.11	56278.4	-28.42	56240.69	56201.22266	56232.40352	56204.76953	504378.1	5407862.9
L4380.0	504378.1	5407862.3	85266.89844	225.11	42.23	48.823726	-86.940354	56269.41	56278.4	-28.42	56240.98	56201.23047	56232.82927	56204.99219	504378.1	5407862.3
L4380.0	504378.1	5407861.7	85267.00000	225.46	40.85	48.823721	-86.940354	56269.37	56278.4	-28.43	56240.94	56200.91016	56233.27247	56205.23828	504378.1	5407861.7
L4380.0	504378.1	5407861.1	85267.10156	224.54	40.85	48.823715	-86.940354	56269.94	56278.4	-28.43	56241.51	56201.20313	56233.67049	56205.44141	504378.1	5407861.1
L4380.0	504378.0	5407860.5	85267.20313	224.92	42.5	48.823710	-86.940354	56270.84	56278.4	-28.43	56242.41	56201.82813	56234.04200	56205.61719	504378.0	5407860.5
L4380.0	504378.0	5407859.8	85267.29688	221.85	42.5	48.823704	-86.940354	56270.30	56278.4	-28.43	56241.87	56201.01953	56234.50504	56205.88281	504378.0	5407859.8
L4380.0	504378.0	5407859.8	85267.39844	222.65	43.02	48.823704	-86.940354	56270.56	56278.4	-28.43	56242.13	56201.01172	56234.91031	56206.09766	504378.0	5407859.8
L4380.0	504378.0	5407858.8	85267.50000	222.57	43.45	48.823695	-86.940354	56271.48	56278.4	-28.43	56243.05	56201.66406	56235.26717	56206.26172	504378.0	5407858.8
L4380.0	504378.0	5407858.2	85267.60156	221.84	43.45	48.823689	-86.940354	56271.25	56278.4	-28.43	56242.82	56201.17578	56235.69634	56206.50000	504378.0	5407858.2
L4380.0	504378.0	5407857.6	85267.70313	223.87	37.46	48.823684	-86.940354	56272.19	56278.4	-28.43	56243.76	56201.85547	56236.04318	56206.65625	504378.0	5407857.6
L4380.0	504378.0	5407857.1	85267.79688	222.53	39.55	48.823679	-86.940354	56272.07	56278.4	-28.43	56243.64	56201.48047	56236.45642	56206.88281	504378.0	5407857.1
L4380.0	504378.0	5407856.4	85267.89844	220.77	39.55	48.823674	-86.940355	56272.55	56278.4	-28.43	56244.12	56201.71094	56236.82543	56207.06641	504378.0	5407856.4
L4380.0	504378.0	5407855.8	85268.00000	223.22	46.59	48.823668	-86.940355	56273.55	56278.4	-28.43	56245.12	56202.46094	56237.15562	56207.21094	504378.0	5407855.8
L4380.0	504378.0	5407855.8	85268.10156	223.20	39.47	48.823668	-86.940355	56273.44	56278.4	-28.43	56245.00	56202.09766	56237.55637	56207.42969	504378.0	5407855.8
L4380.0	504378.0	5407855.0	85268.20313	225.21	39.47	48.823661	-86.940355	56273.32	56278.4	-28.44	56244.88	56201.73438	56237.95308	56207.64063	504378.0	5407855.0
L4380.0	504378.0	5407854.4	85268.29688	224.72	35.53	48.823655	-86.940355	56273.96	56278.4	-28.44	56245.51	56202.12500	56238.29582	56207.80469	504378.0	5407854.4
L4380.0	504378.0	5407854.1	85268.39844	226.53	38.24	48.823653	-86.940355	56273.64	56278.4	-28.45	56245.20	56201.57813	56238.69734	56208.02344	504378.0	5407854.1
L4380.0	504378.0	5407853.6	85268.50000	227.20	38.18	48.823649	-86.940355	56273.93	56278.4	-28.45	56245.48	56201.62500	56239.05570	56208.20313	504378.0	5407853.6
L4380.0	504378.0	5407853.1	85268.60156	228.22	41.58	48.823644	-86.940355	56273.93	56278.5	-28.45	56245.48	56201.39453	56239.42899	56208.39844	504378.0	5407853.1
L4380.0	504378.0	5407852.7	85268.60156	228.22	41.58	48.823640	-86.940355	56274.34	56278.5	-28.45	56245.89	56201.57813	56239.77129	56208.56641	504378.0	5407852.7
L4380.0	504378.0	5407852.7	85268.79688	228.08	37.14	48.823640	-86.940355	56274.82	56278.5	-28.46	56246.36	56201.82422	56240.10604	56208.72656	504378.0	5407852.7

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4380.0	504378.0	5407852.0	85268.89844	228.28	37.93	48.823634	-86.940355	56274.95	56278.5	-28.47	56246.48	56201.72266	56240.46065	56208.90625	504378.0	5407852.0
L4380.0	504378.0	5407851.6	85269.00000	228.30	37.93	48.823630	-86.940354	56274.57	56278.5	-28.47	56246.10	56201.12109	56240.84523	56209.11719	504378.0	5407851.6
L4380.0	504378.0	5407851.1	85269.10156	226.49	41.36	48.823625	-86.940354	56274.25	56278.5	-28.48	56245.78	56200.58594	56241.22253	56209.32031	504378.0	5407851.1
L4380.0	504378.1	5407850.7	85269.20313	226.82	45.51	48.823622	-86.940354	56275.70	56278.5	-28.48	56247.21	56201.80078	56241.48001	56209.41016	504378.1	5407850.7
L4380.0	504378.1	5407850.3	85269.29688	227.24	44.68	48.823618	-86.940354	56274.77	56278.5	-28.49	56246.28	56200.66016	56241.89176	56209.64844	504378.1	5407850.3
L4380.0	504378.1	5407850.3	85269.39844	226.31	44.68	48.823618	-86.940354	56275.18	56278.5	-28.50	56246.68	56200.85156	56242.21191	56209.80078	504378.1	5407850.3
L4380.0	504378.1	5407849.8	85269.50000	225.49	43.96	48.823614	-86.940353	56275.92	56278.5	-28.51	56247.42	56201.38672	56242.50656	56209.92969	504378.1	5407849.8
L4380.0	504378.1	5407849.4	85269.60156	224.36	42.71	48.823610	-86.940353	56276.32	56278.5	-28.51	56247.81	56201.57031	56242.82184	56210.07813	504378.1	5407849.4
L4380.0	504378.2	5407849.0	85269.70313	225.50	42.71	48.823607	-86.940352	56275.97	56278.5	-28.52	56247.45	56201.00781	56243.18452	56210.27344	504378.2	5407849.0
L4380.0	504378.2	5407848.8	85269.79688	224.86	40.84	48.823605	-86.940352	56275.20	56278.5	-28.53	56246.68	56200.03906	56243.57208	56210.49609	504378.2	5407848.8
L4380.0	504378.2	5407848.4	85269.89844	225.05	40.84	48.823601	-86.940352	56275.67	56278.5	-28.53	56247.13	56200.29297	56243.87597	56210.63672	504378.2	5407848.4
L4380.0	504378.3	5407848.0	85270.00000	226.23	40.39	48.823598	-86.940351	56276.54	56278.5	-28.54	56248.00	56200.96484	56244.14965	56210.74609	504378.3	5407848.0
L4380.0	504378.3	5407847.7	85270.10156	225.32	39.75	48.823595	-86.940351	56275.84	56278.5	-28.54	56247.30	56200.07031	56244.52592	56210.95703	504378.3	5407847.7
L4380.0	504378.3	5407847.4	85270.20313	225.32	40.36	48.823592	-86.940351	56276.02	56278.5	-28.55	56247.48	56200.05859	56244.84159	56211.11328	504378.3	5407847.4
L4380.0	504378.3	5407847.0	85270.29688	223.44	39.16	48.823589	-86.940350	56276.45	56278.5	-28.55	56247.90	56200.28906	56245.13945	56211.25000	504378.3	5407847.0
L4380.0	504378.3	5407847.0	85270.39844	223.76	38.05	48.823589	-86.940350	56276.54	56278.6	-28.55	56247.98	56200.17969	56245.45832	56211.40625	504378.3	5407847.0
L4380.0	504378.3	5407846.8	85270.50000	224.87	39.25	48.823587	-86.940350	56276.16	56278.6	-28.56	56247.60	56199.61328	56245.80632	56211.59375	504378.3	5407846.8
L4380.0	504378.4	5407846.5	85270.60156	223.29	39.25	48.823584	-86.940350	56276.82	56278.6	-28.56	56248.26	56200.08984	56246.08360	56211.71484	504378.4	5407846.5
L4380.0	504378.4	5407846.3	85270.60156	223.29	40.3	48.823583	-86.940350	56275.79	56278.6	-28.56	56247.23	56198.87500	56246.47231	56211.94141	504378.4	5407846.3
L4380.0	504378.4	5407846.1	85270.79688	223.45	40.7	48.823580	-86.940349	56276.48	56278.6	-28.56	56247.92	56199.38281	56246.74524	56212.05859	504378.4	5407846.1
L4380.0	504378.4	5407845.9	85270.89844	222.94	40.7	48.823579	-86.940349	56275.58	56278.6	-28.57	56247.01	56198.28906	56247.12388	56212.27734	504378.4	5407845.9
L4380.0	504378.4	5407845.6	85271.00000	223.00	42.65	48.823577	-86.940349	56276.56	56278.6	-28.57	56247.99	56199.08984	56247.37570	56212.37500	504378.4	5407845.6
L4380.0	504378.4	5407845.6	85271.10156	224.71	41.74	48.823577	-86.940349	56276.64	56278.6	-28.57	56248.07	56198.98828	56247.68685	56212.52734	504378.4	5407845.6
L4380.0	504378.4	5407845.4	85271.20313	224.69	41.74	48.823575	-86.940349	56276.38	56278.6	-28.57	56247.81	56198.55078	56248.02012	56212.70313	504378.4	5407845.4
L4380.0	504378.5	5407845.3	85271.29688	225.96	41.89	48.823573	-86.940348	56276.75	56278.6	-28.58	56248.18	56198.74219	56248.31100	56212.83984	504378.5	5407845.3
L4380.0	504378.5	5407845.2	85271.39844	226.66	41.89	48.823572	-86.940348	56276.05	56278.6	-28.58	56247.47	56197.85547	56248.67362	56213.04688	504378.5	5407845.2
L4380.0	504378.5	5407845.1	85271.50000	226.83	39.92	48.823572	-86.940348	56276.82	56278.6	-28.58	56248.24	56198.44531	56248.93745	56213.15234	504378.5	5407845.1
L4380.0	504378.5	5407845.1	85271.60156	226.72	39.57	48.823572	-86.940348	56276.27	56278.6	-28.58	56247.69	56197.71875	56249.28930	56213.34766	504378.5	5407845.1
L4380.0	504378.5	5407845.0	85271.70313	226.89	39.57	48.823570	-86.940348	56275.74	56278.6	-28.58	56247.16	56197.01563	56249.63995	56213.54297	504378.5	5407845.0
L4380.0	504378.5	5407844.9	85271.79688	228.03	41.9	48.823570	-86.940348	56276.38	56278.6	-28.59	56247.79	56197.46875	56249.91355	56213.66406	504378.5	5407844.9
L4380.0	504378.5	5407844.8	85271.89844	229.42	42.33	48.823569	-86.940348	56275.99	56278.6	-28.59	56247.40	56196.90234	56250.25555	56213.84766	504378.5	5407844.8
L4420.0	0.0	0.0	45921.89844	309.17	0	48.842003	-86.939775	56085.89	56234.4	15.57	56101.46	56125.21094	56115.64414	56083.78125	504419.0	5409893.9
L4420.0	0.0	0.0	45922.00000	309.44	0	48.842003	-86.939775	56085.84	56234.4	15.57	56101.41	56125.30469	56115.12698	56083.46094	504419.0	5409893.9
L4420.0	0.0	0.0	45922.00000	310.04	0	48.842017	-86.939774	56085.62	56234.4	15.57	56101.19	56125.23047	56112.22085	56080.74609	504419.0	5409895.6
L4420.0	0.0	0.0	45922.19922	309.39	0	48.842038	-86.939772	56085.43	56234.4	15.57	56101.00	56125.18359	56110.05206	56078.77344	504419.1	5409897.8
L4420.0	0.0	0.0	45922.30078	307.04	0	48.842038	-86.939772	56085.28	56234.4	15.57	56100.85	56125.17578	56108.74490	56077.66016	504419.1	5409897.8
L4420.0	0.0	0.0	45922.39844	304.84	0	48.842061	-86.939771	56085.26	56234.4	15.57	56100.82	56125.28516	56109.45718	56078.56641	504419.2	5409900.5
L4420.0	0.0	0.0	45922.50000	305.37	0	48.842061	-86.939771	56085.13	56234.4	15.57	56100.70	56125.30859	56109.04450	56078.34766	504419.2	5409900.5
L4420.0	0.0	0.0	45922.60156	305.37	0	48.842075	-86.939770	56085.01	56234.4	15.56	56100.58	56125.32813	56108.84725	56078.34375	504419.3	5409902.0
L4420.0	0.0	0.0	45922.69922	303.44	0	48.842075	-86.939770	56084.88	56234.4	15.56	56100.44	56125.32813	56108.56479	56078.25391	504419.3	5409902.0
L4420.0	0.0	0.0	45922.80078	304.86	0	48.842093	-86.939769	56084.72	56234.4	15.56	56100.28	56125.30859	56108.19133	56078.07422	504419.4	5409904.0
L4420.0	0.0	0.0	45922.89844	306.81	0	48.842108	-86.939768	56084.50	56234.4	15.56	56100.06	56125.22656	56107.13385	56077.20703	504419.4	5409905.6
L4420.0	0.0	0.0	45922.89844	309.02	0	48.842121	-86.939767	56084.12	56234.4	15.56	56099.68	56124.98047	56103.91769	56074.18359	504419.5	5409907.1
L4420.0	0.0	0.0	45923.10156	308.79	0	48.842121	-86.939767	56083.87	56234.4	15.56	56099.43	56124.86719	56102.77432	56073.23047	504419.5	5409907.1
L4420.0	0.0	0.0	45923.19922	308.19	0	48.842135	-86.939766	56083.62	56234.4	15.56	56099.18	56124.75000	56101.79538	56072.44531	504419.5	5409908.7
L4420.0	0.0	0.0	45923.30078	309.17	0	48.842149	-86.939766	56083.58	56234.4	15.57	56099.15	56124.85156	56104.20591	56075.04297	504419.6	5409910.2
L4420.0	0.0	0.0	45923.39844	309.83	0	48.842165	-86.939765	56083.19	56234.4	15.57	56098.76	56124.59375	56101.48117	56072.50781	504419.7	5409912.0
L4420.0	0.0	0.0	45923.39844	309.63	0	48.842165	-86.939765	56082.86	56234.4	15.57	56098.43	56124.39453	56099.78463	56071.00000	504419.7	5409912.0
L4420.0	0.0	0.0	45923.60156	309.79	0	48.842178	-86.939764	56082.88	56234.4	15.57	56098.45	56124.53906	56103.36108	56074.76563	504419.7	5409913.4
L4420.0	0.0	0.0	45923.69922	312.64	0	48.842194	-86.939763	56082.75	56234.4	15.57	56098.33	56124.54688	56105.00485	56076.59766	504419.8	5409915.2
L4420.0	0.0	0.0	45923.80078	312.57	0	48.842194	-86.939763	56082.40	56234.4	15.58	56097.97	56124.30859	56103.26159	56075.04297	504419.8	5409915.2
L4420.0	0.0	0.0	45923.89844	310.73	0	48.842213	-86.939762	56082.05	56234.4	15.58	56097.63	56124.08984	56101.93825	56073.90625	504419.9	5409917.3
L4420.0	0.0	0.0	45923.89844	309.31	0	48.842226	-86.939761	56081.94	56234.4	15.58	56097.52	56124.10156	56104.05631	56076.20703	504419.9	5409918.8
L4420.0	0.0	0.0	45924.00000	308.92	0	48.842226	-86.939761	56081.42	56234.4	15.58	56097.00	56123.69531	56100.37742	56072.71484	504419.9	5409918.8
L4420.0	0.0	0.0	45924.19922	308.50	0	48.842242	-86.939760	56080.95	56234.4	15.58	56096.53	56123.33984	56097.55481	56070.07422	504420.0	5409920.6
L4420.0	0.0	0.0	45924.30078	307.46	0	48.842257	-86.939759	56080.81	56234.4	15.58	56096.39	56123.31250	56099.55115	56072.25391	504420.1	5409922.3
L4420.0	0.0	0.0	45924.39844	306.73	0	48.842257	-86.939759	56080.76	56234.4	15.58	56096.34	56123.37109	56102.91158	56075.79688	504420.1	5409922.3
L4420.0	0.0	0.0	45924.50000	306.07	0	48.842275	-86.939758	56080.28	56234.4	15.58	56095.86	56123.00000	56100.27550	56073.33984	504420.2	5409924.3
L4420.0	0.0	0.0	45924.60156	305.99	0	48.842286	-86.939757	56079.90	56234.4	15.58	56095.48	56122.72266	56099.16162	56072.40625	504420.2	5409925.4
L4420.0	0.0	0.0	45924.69922	306.65	0	48.842286	-86.939757	56079.79	56234.4	15.58	56095.37	56122.71484	56101.98283	56075.40625	504420.2	5409925.4
L4420.0	0.0	0.0	45924.80078	305.55	0	48.842299	-86.939756	56079.11	56234.4	15.58	56094.69	56122.12891	56096.79856	56070.39844	504420.3	5409926.9
L4420.0	0.0	0.0	45924.89844	304.84	0	48.842317	-86.939755	56079.08	56234.4	15.58	56094.66	56122.19531	56100.99968	56074.77734	504420.4	5409928.9
L4420.0	0.0	0.0	45924.89844	304.75	0	48.842332	-86.939754	56078.74	56234.4	15.58	56094.32	56121.94922	56100.88348	56074.83594	504420.4	5409930.5
L4420.0	0.0	0.0	45925.10156	307.37	0	48.842332	-86.939754	56078.18	56234.4	15.58	56093.76	56121.47656	56097.65163	56071.77734	504420.4	5409930.5
L4420.0	0.0	0.0	45925.19922	306.72	0	48.842344	-86.939753	56077.79	56234.4	15.59	56093.38	56121.18359	56097.12525	56071.42188	504420.5	5409931.9
L4420.0	0.0	0.0	45925.30078	306.54	0	48.842344	-86.939753	56077.32	56234.4	15.59	56092.91	56120.79297	56095.33980	56069.80859	504420.5	5409931.9
L4420.0	0.0	0.0	45925.39844	307.17	0	48.842357	-86.939752	56076.76	56234.4	15.59	56092.35	56120.31250	56092.23876	56066.87500	504420.5	5409933.3
L4420.0	0.0	0.0	45925.50000	310.61	0	48.842371	-86.939752	56076.71	56234.4	15.60	56092.31	56120.34766	56097.20999	56072.01563	504420.6	5409934.9
L4420.0	0.0	0.0	45925.60156	310.50	0	48.842387	-86.939751	56076.56	56234.4	15.60	56092.16	56120.26953	56100.69985	56075.67188	504420.7	5409936.6
L4420.0	0.0	0.0	45925.69922	309.47	0	48.842387	-86.939751	56075.88	56234.4	15.60	56091.48	56119.66016	56095.95470	56071.09375	504420.7	5409936.6
L4420.0	0.0	0.0	45925.80078	312.54	0	48.842398	-86.939750	56075.55	56234.4	15.60	56091.15	56119.39453	56096.81978	56072.12109	504420.7	5409937.9
L4420.0	0.0	0.0	45925.89844	314.46	0	48.842415	-86.939749	56075.19	56234.4	15.61	56090.80	56119.10547	56097.46923	56072.93359	504420.8	5409939.8
L4420.0	0.0	0.0	45925.89844	314.39	0	48.842415	-86.939749	56074.79	56234.4	15.61	56090.39	56118.75391	56097.23591	56072.85938	504420.8	5409939.8
L4420.0	0.0	0.0	45926.00000	311.99	0	48.842428	-86.939748	56074.00	56234.4	15.61	56089.61	56118.02734	56091.03185	56066.81641	504420.8	5409941.3
L4420.0	0.0	0.0	45926.19922	310.59	0	48.842442	-86.939748	56073.98	56234.4	15.61	56089.59	56118.05859	56097.32784	56073.26953	504420.9	5409942.8
L4420.0	0.0	0.0	45926.30078	310.98	0	48.842453	-86.939747	56073.32	56234.4	15.61	56088.93	56117.44531	56093.22995	56069.32422	504420.9	5409944.0
L4420.0	0.0	0.0	45926.39844	310.85	0	48.842453	-86.939747	56072.78	56234.4	15.61	56088.39	56116.94922	56091.17672	56067.42578	504420.9	5409944.0
L4420.0	0.0	0.0	45926.50000	309.01	0	48.842466	-86.939747	56072.23	56234.4	15.61	56087.84	56116.43750	56089.04653	56065.44922	504421.0	5409945.5
L4420.0	0.0	0.0	45926.60156	309.96	0	48.842466	-86.939747	56071.57	56234.4	15.61	56087.18	56115.81250	56085.22876	56061.78125	504421.0	5409945.5
L4420.0	0.0	0.0	45926.69922	310.43	0	48.842484	-86.939746	56071.42	56234.4	15.61	56087.03	56115.69531	56089.70144	56066.40234	504421.0	5409947.4
L4420.0	0.0	0.0	45926.80078	311.11	0	48.842495	-86.939746	56070.82	56234.4	15.61	56086.43	56115.12109	56087.00090	56063.84766	504421.0	5409948.7
L4420.0	0.0	0.0	45926.89844	308.37	0	48.842495	-86.939746	56070.90	56234.4	15.61	56086.51	56115.22656	56095.13847	56072.13281	504421.0	5409948.7
L4420.0	0.0	0.0	45927.00000	305.87	0	48.842510	-86.939746	56070.21	56234.4	15.61	56085.82	56114.55469	56091.12123	56068.25781	504421.0	5409950.3
L4420.0	0.0	0.0	45927.10156	305.97	0	48.842522	-86.939745	56069.70	56234.4	15.61	56085.31	56114.06250	56090.00900	56067.28906	504421.1	5409951.6
L4420.0	0.0	0.0	45927.19922	306.51	0	48.842535	-86.939745	56068.79	56234.4	15.61	56084.40	56113.16406	56082.71955	56060.13672	504421.1	5409953.1
L4420.0	0.0	0.0	45927.30078	305.61	0	48.842535	-86.939745	56068.77	56234.4	15.61	56084.38	56113.15234	56089.33879	56066.89453	504421.1	5409953.1
L4420.0	0.0	0.0	45927.39844	306.49	0	48.842551	-86.939745	56068.04	56234.4	15.61	56083.65	56112.42578	56084.93585	56062.62891	504421.1	5409954.9
L4420.0	0.0	0.0	45927.50000	307.91	0	48.842560	-86.939745	56067.50	56234.4	15.62	56083.12	56111.89844	56083.66726	56061.49609	504421.1	5409955.9
L4420.0	0.0	0.0	45927.60156	308.67	0	48.842560	-86.939745	56066.92	56234.4	15.62	56082.53	56111.30469	56081.45905	56059.41797	504421.1	5409955.9
L4420.0	0.0	0.0	45927.69922	310.16	0	48.842573	-86.939745	56066.62	56234.4	15.62	56082.24	56111.00781	56084.02345	56062.11328	504421.1	5409957.3
L4420.0	0.0	0.0	45927.80078	311.21	0	48.842584	-86.939745	56065.88	56234.4	15.62	56081.50	56110.25391	56079.39164	56057.60938	504421.1	5409958.6
L4420.0	0.0	0.0	45927.89844	311.17	0	48.842595	-86.939745	56065.40	56234.4	15.62	56081.02	56109.76172	56078.91916	56057.26563	504421.1	5409959.9
L4420.0	0.0	0.0	45927.89844	310.39	0	48.842595	-86.939745	56065.03	56234.4	15.62	56080.65	56109.37109	56080.27530	56058.74609	504421.1	5409959.9

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4420.0	0.0	0.0	45928.00000	312.24	0	48.842610	-86.939745	56064.39	56234.4	15.62	56080.01	56108.71094	56077.14244	56055.73438	504421.1	5409961.4
L4420.0	0.0	0.0	45928.10156	311.92	0	48.842610	-86.939745	56064.14	56234.4	15.62	56079.76	56108.43359	56080.57017	56059.28516	504421.1	5409961.4
L4420.0	0.0	0.0	45928.30078	310.29	0	48.842632	-86.939744	56063.46	56234.4	15.62	56079.08	56107.72266	56076.70155	56055.53516	504421.1	5409963.9
L4420.0	0.0	0.0	45928.39844	310.42	0	48.842632	-86.939744	56063.13	56234.4	15.62	56078.75	56107.35938	56078.81385	56057.76172	504421.1	5409963.9
L4420.0	0.0	0.0	45928.50000	310.63	0	48.842641	-86.939744	56062.39	56234.4	15.63	56078.02	56106.59375	56074.01340	56053.07813	504421.1	5409965.0
L4420.0	0.0	0.0	45928.60156	313.82	0	48.842641	-86.939744	56062.22	56234.4	15.63	56077.84	56106.37109	56078.73488	56057.91016	504421.1	5409965.0
L4420.0	0.0	0.0	45928.69922	313.78	0	48.842653	-86.939744	56061.63	56234.4	15.63	56077.26	56105.74609	56076.50692	56055.79297	504421.2	5409966.3
L4420.0	0.0	0.0	45928.80078	313.25	0	48.842667	-86.939743	56061.23	56234.4	15.63	56076.86	56105.29688	56077.38650	56056.78516	504421.2	5409967.9
L4420.0	0.0	0.0	45928.89844	313.11	0	48.842667	-86.939743	56060.72	56234.4	15.63	56076.35	56104.73828	56076.34746	56055.85156	504421.2	5409967.9
L4420.0	0.0	0.0	45928.89844	314.68	0	48.842678	-86.939743	56060.27	56234.4	15.63	56075.90	56104.23047	56076.32323	56055.93359	504421.2	5409969.1
L4420.0	0.0	0.0	45929.10156	312.17	0	48.842688	-86.939743	56059.96	56234.4	15.63	56075.59	56103.86328	56078.63067	56058.34375	504421.2	5409970.2
L4420.0	0.0	0.0	45929.19922	310.98	0	48.842699	-86.939742	56059.21	56234.4	15.63	56074.83	56103.04297	56073.37058	56053.18359	504421.2	5409971.3
L4420.0	0.0	0.0	45929.30078	309.30	0	48.842699	-86.939742	56059.03	56234.4	15.62	56074.65	56102.79688	56077.72851	56057.64063	504421.2	5409971.3
L4420.0	0.0	0.0	45929.39844	309.47	0	48.842709	-86.939742	56058.17	56234.4	15.62	56073.79	56101.86719	56070.95115	56050.96094	504421.3	5409972.4
L4420.0	0.0	0.0	45929.50000	310.95	0	48.842709	-86.939742	56057.59	56234.4	15.62	56073.21	56101.21484	56068.80098	56048.90625	504421.3	5409972.4
L4420.0	0.0	0.0	45929.60156	305.50	0	48.842717	-86.939742	56057.18	56234.4	15.62	56072.80	56100.73047	56069.34536	56049.54297	504421.3	5409973.4
L4420.0	0.0	0.0	45929.60156	305.79	0	48.842729	-86.939741	56056.88	56234.4	15.62	56072.50	56100.35547	56071.52820	56051.82031	504421.3	5409974.7
L4420.0	0.0	0.0	45929.80078	306.78	0	48.842737	-86.939741	56056.47	56234.4	15.61	56072.09	56099.86328	56071.94218	56052.32422	504421.4	5409975.6
L4420.0	0.0	0.0	45929.89844	309.00	0	48.842737	-86.939741	56056.04	56234.4	15.61	56071.65	56099.33984	56071.86014	56052.32813	504421.4	5409975.6
L4420.0	0.0	0.0	45929.89844	307.51	0	48.842746	-86.939740	56055.84	56234.4	15.61	56071.46	56099.06250	56075.37872	56055.93359	504421.4	5409976.6
L4420.0	0.0	0.0	45930.00000	306.28	0	48.842746	-86.939740	56055.18	56234.4	15.61	56070.79	56098.30078	56071.87622	56052.51563	504421.4	5409976.6
L4420.0	0.0	0.0	45930.19922	305.85	0	48.842755	-86.939740	56054.73	56234.4	15.61	56070.34	56097.76172	56071.54549	56052.26563	504421.4	5409977.6
L4420.0	0.0	0.0	45930.30078	308.18	0	48.842766	-86.939739	56053.92	56234.4	15.62	56069.53	56096.85547	56066.18730	56046.98828	504421.5	5409978.8
L4420.0	0.0	0.0	45930.39844	308.57	0	48.842773	-86.939738	56053.90	56234.4	15.62	56069.52	56096.74609	56071.90640	56052.78516	504421.5	5409979.5
L4420.0	0.0	0.0	45930.50000	307.96	0	48.842773	-86.939738	56053.16	56234.4	15.62	56068.78	56095.90625	56067.52793	56048.48438	504421.5	5409979.5
L4420.0	0.0	0.0	45930.60156	309.35	0	48.842782	-86.939738	56052.78	56234.4	15.62	56068.40	56095.42188	56068.05723	56049.08984	504421.6	5409980.6
L4420.0	0.0	0.0	45930.69922	312.12	0	48.842790	-86.939737	56052.31	56234.4	15.62	56067.93	56094.84766	56067.32174	56048.42969	504421.6	5409981.5
L4420.0	0.0	0.0	45930.80078	312.49	0	48.842790	-86.939737	56051.82	56234.4	15.63	56067.45	56094.25781	56066.40886	56047.58594	504421.6	5409981.5
L4420.0	0.0	0.0	45930.89844	311.49	0	48.842797	-86.939737	56051.14	56234.4	15.63	56066.77	56093.46875	56062.66271	56043.91016	504421.7	5409982.2
L4420.0	0.0	0.0	45930.89844	308.21	0	48.842805	-86.939736	56050.76	56234.4	15.63	56066.39	56092.97656	56063.01738	56044.33594	504421.7	5409983.2
L4420.0	0.0	0.0	45931.10156	306.60	0	48.842814	-86.939735	56050.36	56234.4	15.63	56065.99	56092.46094	56063.05991	56044.44141	504421.8	5409984.1
L4420.0	0.0	0.0	45931.19922	306.81	0	48.842814	-86.939735	56049.74	56234.4	15.64	56065.38	56091.73438	56060.00449	56041.45313	504421.8	5409984.1
L4420.0	0.0	0.0	45931.30078	306.78	0	48.842822	-86.939735	56049.57	56234.4	15.64	56065.21	56091.44531	56063.34712	56044.85938	504421.8	5409985.0
L4420.0	0.0	0.0	45931.39844	304.35	0	48.842829	-86.939734	56048.71	56234.4	15.64	56064.35	56090.46094	56056.31951	56037.89453	504421.9	5409985.8
L4420.0	0.0	0.0	45931.50000	304.38	0	48.842836	-86.939733	56048.66	56234.4	15.64	56064.31	56090.30078	56061.66626	56043.30078	504421.9	5409986.6
L4420.0	0.0	0.0	45931.60156	307.54	0	48.842836	-86.939733	56048.02	56234.4	15.65	56063.67	56089.53516	56057.72285	56039.41797	504421.9	5409986.6
L4420.0	0.0	0.0	45931.69922	309.22	0	48.842844	-86.939732	56047.67	56234.3	15.65	56063.32	56089.05859	56058.25039	56040.00000	504422.0	5409987.5
L4420.0	0.0	0.0	45931.80078	309.35	0	48.842844	-86.939732	56047.04	56234.3	15.65	56062.69	56088.29688	56054.16483	56035.97266	504422.0	5409987.5
L4420.0	0.0	0.0	45931.89844	309.59	0	48.842852	-86.939732	56046.64	56234.3	15.66	56062.30	56087.77734	56053.89050	56035.75000	504422.0	5409988.4
L4420.0	0.0	0.0	45931.89844	311.97	0	48.842858	-86.939731	56046.28	56234.3	15.66	56061.93	56087.27734	56053.90185	56035.81641	504422.1	5409989.1
L4420.0	0.0	0.0	45932.00000	313.60	0	48.842858	-86.939731	56046.38	56234.3	15.66	56062.04	56087.25391	56062.17791	56044.14453	504422.1	5409989.1
L4420.0	0.0	0.0	45932.19922	311.56	0	48.842864	-86.939730	56045.90	56234.3	15.66	56061.56	56086.63672	56060.28724	56042.30469	504422.1	5409989.7
L4420.0	0.0	0.0	45932.30078	313.33	0	48.842870	-86.939730	56045.63	56234.3	15.66	56061.29	56086.23047	56062.02021	56044.08594	504422.2	5409990.4
L4420.0	0.0	0.0	45932.39844	313.53	0	48.842870	-86.939730	56045.17	56234.3	15.66	56060.83	56085.63281	56060.28355	56042.39453	504422.2	5409990.4
L4420.0	0.0	0.0	45932.50000	313.78	0	48.842877	-86.939729	56044.62	56234.3	15.67	56060.28	56084.94141	56056.76752	56038.92578	504422.3	5409991.2
L4420.0	0.0	0.0	45932.60156	311.91	0	48.842882	-86.939728	56044.20	56234.3	15.67	56059.87	56084.39063	56055.67927	56037.88281	504422.3	5409991.8
L4420.0	0.0	0.0	45932.69922	311.36	0	48.842882	-86.939728	56043.65	56234.3	15.67	56059.32	56083.69922	56051.86308	56034.10938	504422.3	5409991.8
L4420.0	0.0	0.0	45932.80078	311.33	0	48.842886	-86.939727	56043.27	56234.3	15.67	56058.94	56083.17578	56051.09534	56033.38281	504422.4	5409992.2
L4420.0	0.0	0.0	45932.89844	309.08	0	48.842891	-86.939726	56043.30	56234.3	15.67	56058.97	56083.06250	56057.95172	56040.28125	504422.4	5409992.7
L4420.0	0.0	0.0	45933.00000	307.59	0	48.842891	-86.939726	56042.82	56234.3	15.67	56058.49	56082.43750	56055.08361	56037.45313	504422.4	5409992.7
L4420.0	0.0	0.0	45933.10156	310.55	0	48.842902	-86.939725	56042.76	56234.3	15.67	56058.43	56082.23047	56060.00292	56042.41016	504422.5	5409994.0
L4420.0	0.0	0.0	45933.19922	308.14	0	48.842902	-86.939725	56042.08	56234.3	15.66	56057.74	56081.39453	56052.90063	56035.34375	504422.5	5409994.0
L4420.0	0.0	0.0	45933.30078	310.80	0	48.842908	-86.939724	56041.88	56234.3	15.66	56057.54	56081.04688	56054.87292	56037.35156	504422.6	5409994.6
L4420.0	0.0	0.0	45933.39844	310.57	0	48.842912	-86.939723	56041.30	56234.3	15.65	56056.95	56080.30859	56049.37883	56031.89453	504422.6	5409995.0
L4420.0	0.0	0.0	45933.50000	310.40	0	48.842912	-86.939723	56040.89	56234.3	15.65	56056.54	56079.74609	56047.09837	56029.64453	504422.6	5409995.0
L4420.0	0.0	0.0	45933.60156	312.77	0	48.842920	-86.939722	56040.84	56234.4	15.65	56056.49	56079.54688	56051.32861	56033.91016	504422.8	5409996.0
L4420.0	0.0	0.0	45933.69922	312.92	0	48.842920	-86.939722	56040.52	56234.4	15.64	56056.16	56079.06641	56050.16669	56032.77734	504422.8	5409996.0
L4420.0	0.0	0.0	45933.80078	310.51	0	48.842925	-86.939721	56040.26	56234.4	15.64	56055.90	56078.65234	56050.10822	56032.75000	504422.8	5409996.5
L4420.0	0.0	0.0	45933.89844	310.53	0	48.842925	-86.939721	56039.93	56234.4	15.63	56055.56	56078.16016	56048.39281	56031.06250	504422.8	5409996.5
L4420.0	0.0	0.0	45934.00000	311.56	0	48.842929	-86.939720	56039.81	56234.4	15.63	56055.43	56077.87500	56050.30477	56033.00391	504422.9	5409996.9
L4420.0	0.0	0.0	45934.00000	310.16	0	48.842932	-86.939720	56039.25	56234.4	15.63	56054.88	56077.17188	56044.46655	56027.19141	504422.9	5409997.2
L4420.0	0.0	0.0	45934.19922	308.60	0	48.842934	-86.939719	56039.33	56234.4	15.63	56054.96	56077.09766	56049.70581	56032.45703	504422.9	5409997.5
L4420.0	0.0	0.0	45934.30078	309.37	0	48.842934	-86.939719	56039.22	56234.4	15.63	56054.85	56076.83203	56051.28993	56034.06641	504422.9	5409997.5
L4420.0	0.0	0.0	45934.39844	309.65	0	48.842937	-86.939719	56039.14	56234.4	15.63	56054.78	56076.60547	56053.29658	56036.09766	504423.0	5409997.9
L4420.0	0.0	0.0	45934.50000	310.40	0	48.842942	-86.939718	56039.00	56234.4	15.63	56054.63	56076.30078	56053.68501	56036.50781	504423.0	5409998.3
L4420.0	0.0	0.0	45934.60156	311.15	0	48.842942	-86.939718	56038.62	56234.4	15.64	56054.25	56075.76172	56050.09881	56032.94531	504423.0	5409998.3
L4420.0	0.0	0.0	45934.69922	312.56	0	48.842945	-86.939718	56038.57	56234.4	15.64	56054.20	56075.55469	56051.74890	56034.61719	504423.0	5409998.7
L4420.0	0.0	0.0	45934.80078	312.20	0	48.842947	-86.939718	56037.98	56234.4	15.64	56053.61	56074.80859	56044.70620	56027.59375	504423.0	5409998.9
L4420.0	0.0	0.0	45934.89844	313.11	0	48.842947	-86.939718	56037.78	56234.4	15.64	56053.42	56074.46094	56043.90725	56026.81641	504423.0	5409998.9
L4420.0	0.0	0.0	45934.89844	311.10	0	48.842950	-86.939718	56037.27	56234.4	15.64	56052.91	56073.79297	56038.17910	56021.10547	504423.1	5409999.2
L4420.0	0.0	0.0	45935.10156	308.48	0	48.842953	-86.939718	56037.40	56234.4	15.64	56053.04	56073.76172	56041.90707	56024.84766	504423.1	5409999.6
L4420.0	0.0	0.0	45935.19922	306.98	0	48.842953	-86.939718	56037.15	56234.4	15.65	56052.79	56073.35156	56039.84904	56022.80859	504423.1	5409999.6
L4420.0	0.0	0.0	45935.30078	307.64	0	48.842957	-86.939717	56036.97	56234.4	15.65	56052.62	56073.02344	56038.82965	56021.80469	504423.1	5410000.0
L4420.0	0.0	0.0	45935.39844	305.47	0	48.842957	-86.939717	56037.07	56234.3	15.65	56052.73	56072.97266	56041.63480	56024.62109	504423.1	5410000.0
L4420.0	0.0	0.0	45935.50000	302.03	0	48.842959	-86.939717	56037.07	56234.3	15.65	56052.73	56072.81250	56042.71315	56025.71484	504423.1	5410000.2
L4420.0	0.0	0.0	45935.60156	302.11	0	48.842959	-86.939717	56037.05	56234.3	15.66	56052.70	56072.62109	56043.24212	56026.25391	504423.1	5410000.2
L4420.0	0.0	0.0	45935.69922	303.15	0	48.842960	-86.939717	56036.95	56234.3	15.66	56052.61	56072.36719	56042.82281	56025.84766	504423.1	5410000.4
L4420.0	0.0	0.0	45935.80078	305.84	0	48.842961	-86.939717	56037.33	56234.3	15.66	56052.99	56072.58594	56048.97313	56032.00781	504423.1	5410000.4
L4420.0	0.0	0.0	45935.89844	304.74	0	48.842961	-86.939717	56037.20	56234.3	15.67	56052.87	56072.30078	56048.02372	56031.07031	504423.1	5410000.4
L4420.0	0.0	0.0	45935.89844	306.34	0	48.842962	-86.939716	56037.78	56234.3	15.67	56053.45	56072.71875	56057.17414	56040.22656	504423.1	5410000.5
L4420.0	0.0	0.0	45936.00000	306.91	0	48.842962	-86.939716	56037.91	56234.3	15.67	56053.58	56072.68359	56059.97667	56043.03516	504423.2	5410000.6
L4420.0	0.0	0.0	45936.19922	308.54	0	48.842963	-86.939716	56037.83	56234.3	15.66	56053.49	56072.42969	56059.61266	56042.67969	504423.2	5410000.7
L4420.0	0.0	0.0	45936.30078	309.33	0	48.842963	-86.939716	56037.93	56234.3	15.66	56053.60	56072.37500	56062.34694	56045.41797	504423.2	5410000.7
L4420.0	0.0	0.0	45936.39844	309.45	0	48.842964	-86.939716	56037.84	56234.3	15.66	56053.49	56072.09766	56061.82694	56044.90234	504423.1	5410000.8
L4420.0	0.0	0.0	45936.50000	309.62	0	48.842964	-86.939716	56037.93	56234.3	15.65	56053.58	56072.01953	56064.57159	56047.65234	504423.1	5410000.8
L4420.0	0.0	0.0	45936.60156	312.47	0	48.842966	-86.939717	56037.61	56234.3	15.65	56053.26	56071.53125	56060.81985	56043.90234	504423.1	5410001.0
L4420.0	0.0	0.0	45936.69922	312.58	0	48.842967	-86.939717	56037.53	56234.4	15.65	56053.18	56071.28516	56061.01891	56044.10156	504423.1	5410001.2
L4420.0	0.0	0.0	45936.80078	313.75	0	48.842969	-86.939717	56037.10	56234.4	15.65	56052.74	56070.67578	56055.16854	56038.25000	504423.1	5410001.4
L4420.0	0.0	0.0	45936.89844	312.04	0	48.842969	-86.939717	56037.27	56234.4	15.64	56052.92	56070.68359	56060.05523	56043.13672	504423.1	5410001.4
L4420.0	0.0	0.0	45936.89844	311.57	0	48.842971	-86.939717	56037.02	56234.4	15.64	56052.67	56070.26172	56057.61127	56040.69141	504423.1	5410001.6
L4420.0	0.0	0.0	45937.10156	314.50	0	48.842973	-86.939717	56036.79	56234.4	15.64	56052.44	56069.85938	56055.60456	56038.67969	504423.1	5410001.8
L4420.0	0.0	0.0	45937.19922	315.88	0	48.842975	-86.939717	56036.60	56234.4	15.65	56052.24	56069.48828	56054.26645	56037.33594	504423.1	5410002.0
L4420.0	0.0	0.0	45937.30078	313.76	0	48.842975	-86.939717	56036.16	56234.4	15.65	56051.81	56068.88281	56048.86351	56031.92969	504423.1	5410002.0

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4420.0	0.0	0.0	45937.39844	312.65	0	48.842978	-86.939717	56035.86	56234.3	15.65	56051.51	56068.40625	56045.99424	56029.05078	504423.1	5410002.3
L4420.0	0.0	0.0	45937.50000	310.97	0	48.842980	-86.939716	56035.81	56234.3	15.65	56051.47	56068.19141	56048.12559	56031.17578	504423.1	5410002.6
L4420.0	0.0	0.0	45937.60156	309.30	0	48.842983	-86.939716	56035.91	56234.3	15.66	56051.56	56068.10156	56052.87823	56035.91797	504423.2	5410002.9
L4420.0	0.0	0.0	45937.69922	310.18	0	48.842983	-86.939716	56035.36	56234.3	15.66	56051.02	56067.38281	56046.16140	56029.19141	504423.2	5410002.9
L4420.0	0.0	0.0	45937.80078	306.36	0	48.842985	-86.939716	56035.48	56234.3	15.66	56051.14	56067.32422	56051.86034	56034.87891	504423.2	5410003.1
L4420.0	0.0	0.0	45937.89844	305.29	0	48.842988	-86.939715	56035.35	56234.3	15.67	56051.02	56067.01953	56053.29829	56036.30078	504423.2	5410003.5
L4420.0	0.0	0.0	45938.00000	306.80	0	48.842991	-86.939715	56035.00	56234.3	15.67	56050.67	56066.48828	56050.68390	56033.67188	504423.3	5410003.9
L4420.0	0.0	0.0	45938.00000	309.57	0	48.842991	-86.939715	56034.72	56234.3	15.67	56050.39	56066.02344	56049.54667	56032.51953	504423.3	5410003.9
L4420.0	0.0	0.0	45938.10156	310.38	0	48.842995	-86.939714	56034.32	56234.3	15.67	56049.99	56065.43750	56046.39870	56029.35156	504423.3	5410004.3
L4420.0	0.0	0.0	45938.30078	310.84	0	48.842999	-86.939713	56034.16	56234.3	15.67	56049.83	56065.08984	56047.79860	56030.73438	504423.4	5410004.8
L4420.0	0.0	0.0	45938.39844	311.83	0	48.843002	-86.939713	56034.04	56234.3	15.67	56049.71	56064.77734	56050.07103	56032.98438	504423.4	5410005.0
L4420.0	0.0	0.0	45938.50000	311.75	0	48.843002	-86.939713	56033.68	56234.3	15.67	56049.35	56064.22656	56048.13720	56031.03125	504423.4	5410005.0
L4420.0	0.0	0.0	45938.60156	312.09	0	48.843006	-86.939712	56033.78	56234.3	15.67	56049.45	56064.13281	56054.66832	56037.53906	504423.4	5410005.5
L4420.0	0.0	0.0	45938.69922	312.47	0	48.843010	-86.939712	56033.20	56234.3	15.67	56048.87	56063.35938	56049.03815	56031.88281	504423.5	5410005.9
L4420.0	0.0	0.0	45938.80078	310.89	0	48.843013	-86.939711	56033.02	56234.3	15.67	56048.69	56062.98438	56050.77014	56033.58984	504423.5	5410006.2
L4420.0	0.0	0.0	45938.89844	311.87	0	48.843013	-86.939711	56032.77	56234.3	15.67	56048.44	56062.53516	56051.36298	56034.15625	504423.5	5410006.2
L4420.0	0.0	0.0	45938.89844	312.08	0	48.843018	-86.939711	56032.24	56234.3	15.67	56047.91	56061.80469	56047.00587	56029.76953	504423.6	5410006.9
L4420.0	0.0	0.0	45939.10156	312.09	0	48.843018	-86.939711	56031.66	56234.3	15.67	56047.33	56061.02344	56041.84784	56024.58203	504423.6	5410006.9
L4420.0	0.0	0.0	45939.19922	312.75	0	48.843024	-86.939710	56031.71	56234.3	15.67	56047.38	56060.86719	56048.22712	56030.92969	504423.6	5410007.5
L4420.0	0.0	0.0	45939.30078	309.96	0	48.843027	-86.939709	56031.18	56234.3	15.67	56046.85	56060.13281	56044.19165	56026.85938	504423.7	5410007.8
L4420.0	0.0	0.0	45939.39844	308.82	0	48.843031	-86.939708	56031.16	56234.3	15.67	56046.82	56059.89453	56049.34446	56031.97656	504423.7	5410008.3
L4420.0	0.0	0.0	45939.50000	308.51	0	48.843035	-86.939708	56030.81	56234.3	15.67	56046.47	56059.33594	56048.79016	56031.38672	504423.8	5410008.7
L4420.0	0.0	0.0	45939.60156	311.15	0	48.843035	-86.939708	56030.39	56234.3	15.66	56046.06	56058.71484	56047.25507	56029.81641	504423.8	5410008.7
L4420.0	0.0	0.0	45939.69922	310.59	0	48.843040	-86.939707	56030.27	56234.3	15.66	56045.93	56058.36719	56050.88725	56033.40625	504423.8	5410009.3
L4420.0	0.0	0.0	45939.80078	310.53	0	48.843040	-86.939707	56029.79	56234.3	15.66	56045.45	56057.67188	56048.30413	56030.78516	504423.8	5410009.3
L4420.0	0.0	0.0	45939.89844	310.53	0	48.843046	-86.939706	56029.31	56234.3	15.66	56044.97	56056.97656	56045.85117	56028.28906	504423.9	5410009.9
L4420.0	0.0	0.0	45939.89844	310.26	0	48.843051	-86.939706	56029.11	56234.3	15.66	56044.77	56056.55469	56048.51605	56030.91016	504423.9	5410010.5
L4420.0	0.0	0.0	45940.00000	310.28	0	48.843056	-86.939705	56028.75	56234.3	15.66	56044.41	56055.97266	56048.43337	56030.78125	504424.0	5410011.0
L4420.0	0.0	0.0	45940.19922	310.61	0	48.843056	-86.939705	56027.89	56234.3	15.66	56043.55	56054.88672	56039.69364	56021.99609	504424.0	5410011.0
L4420.0	0.0	0.0	45940.30078	311.78	0	48.843061	-86.939705	56027.79	56234.3	15.66	56043.44	56054.55078	56044.26794	56026.52344	504424.0	5410011.6
L4420.0	0.0	0.0	45940.39844	312.40	0	48.843061	-86.939705	56027.11	56234.3	15.66	56042.76	56053.64063	56039.04837	56021.25391	504424.0	5410011.6
L4420.0	0.0	0.0	45940.50000	312.56	0	48.843070	-86.939704	56026.93	56234.3	15.65	56042.58	56053.23047	56042.61454	56024.76953	504424.0	5410012.6
L4420.0	0.0	0.0	45940.60156	313.52	0	48.843075	-86.939704	56026.45	56234.3	15.65	56042.10	56052.51953	56041.15759	56023.26172	504424.0	5410013.2
L4420.0	0.0	0.0	45940.69922	311.95	0	48.843075	-86.939704	56026.04	56234.3	15.65	56041.70	56051.88281	56041.21234	56023.26172	504424.0	5410013.2
L4420.0	0.0	0.0	45940.80078	309.98	0	48.843083	-86.939704	56025.62	56234.3	15.65	56041.27	56051.21484	56040.90742	56022.90234	504424.1	5410014.1
L4420.0	0.0	0.0	45940.89844	309.97	0	48.843089	-86.939703	56025.26	56234.3	15.65	56040.91	56050.61719	56041.91434	56023.85547	504424.1	5410014.8
L4420.0	0.0	0.0	45940.89844	309.67	0	48.843089	-86.939703	56024.70	56234.3	15.65	56040.35	56049.81641	56039.76539	56021.64844	504424.1	5410014.8
L4420.0	0.0	0.0	45941.10156	309.83	0	48.843098	-86.939703	56024.53	56234.3	15.65	56040.18	56049.40234	56044.17093	56025.99219	504424.1	5410015.7
L4420.0	0.0	0.0	45941.19922	307.99	0	48.843098	-86.939703	56023.74	56234.3	15.65	56039.39	56048.36719	56038.61470	56020.37891	504424.1	5410015.7
L4420.0	0.0	0.0	45941.30078	305.92	0	48.843105	-86.939703	56023.59	56234.3	15.66	56039.25	56047.97656	56043.77200	56025.47266	504424.1	5410016.5
L4420.0	0.0	0.0	45941.39844	306.24	0	48.843113	-86.939702	56022.76	56234.3	15.66	56038.42	56046.89844	56037.96097	56019.60156	504424.2	5410017.4
L4420.0	0.0	0.0	45941.50000	308.93	0	48.843113	-86.939702	56022.45	56234.3	15.66	56038.11	56046.33594	56040.68102	56022.25391	504424.2	5410017.4
L4420.0	0.0	0.0	45941.60156	309.99	0	48.843119	-86.939702	56021.80	56234.3	15.66	56037.46	56045.43359	56038.12853	56019.63672	504424.2	5410018.1
L4420.0	0.0	0.0	45941.69922	307.90	0	48.843119	-86.939702	56021.39	56234.3	15.66	56037.05	56044.76953	56039.57525	56021.01953	504424.2	5410018.1
L4420.0	0.0	0.0	45941.80078	307.46	0	48.843126	-86.939701	56020.98	56234.3	15.67	56036.65	56044.11328	56041.34486	56022.71875	504424.2	5410018.9
L4420.0	0.0	0.0	45941.89844	308.69	0	48.843135	-86.939701	56020.15	56234.3	15.67	56035.82	56043.02344	56036.45880	56017.76563	504424.2	5410019.8
L4420.0	0.0	0.0	45942.00000	309.63	0	48.843141	-86.939701	56019.67	56234.3	15.67	56035.34	56042.28125	56037.29936	56018.53516	504424.3	5410020.5
L4420.0	0.0	0.0	45942.00000	307.58	0	48.843141	-86.939701	56019.04	56234.3	15.67	56034.71	56041.39063	56035.93052	56017.09766	504424.3	5410020.5
L4420.0	0.0	0.0	45942.19922	308.36	0	48.843149	-86.939701	56018.25	56234.3	15.67	56033.92	56040.33594	56032.19383	56013.28906	504424.3	5410021.4
L4420.0	0.0	0.0	45942.30078	307.70	0	48.843156	-86.939701	56017.87	56234.3	15.67	56033.54	56039.69141	56035.12258	56016.14453	504424.3	5410022.2
L4420.0	0.0	0.0	45942.39844	309.43	0	48.843167	-86.939700	56017.29	56234.3	15.67	56032.96	56038.84375	56035.04631	56015.99609	504424.3	5410023.4
L4420.0	0.0	0.0	45942.50000	311.31	0	48.843167	-86.939700	56016.38	56234.3	15.67	56032.05	56037.66797	56029.90057	56010.77344	504424.3	5410023.4
L4420.0	0.0	0.0	45942.60156	310.27	0	48.843176	-86.939700	56015.80	56234.3	15.66	56031.46	56036.80859	56029.99014	56010.78906	504424.3	5410024.4
L4420.0	0.0	0.0	45942.69922	310.39	0	48.843176	-86.939700	56015.22	56234.3	15.66	56030.88	56035.95703	56030.39787	56011.12109	504424.3	5410024.4
L4420.0	0.0	0.0	45942.80078	309.26	0	48.843184	-86.939700	56014.59	56234.3	15.66	56030.25	56035.05469	56030.17014	56010.81641	504424.3	5410025.2
L4420.0	0.0	0.0	45942.89844	310.47	0	48.843191	-86.939700	56013.83	56234.3	15.66	56029.49	56034.02344	56028.03930	56008.60547	504424.3	5410026.1
L4420.0	0.0	0.0	45943.00000	310.23	0	48.843191	-86.939700	56013.12	56234.3	15.66	56028.78	56033.03906	56026.85621	56007.34766	504424.3	5410026.1
L4420.0	0.0	0.0	45943.10156	309.18	0	48.843200	-86.939700	56012.46	56234.3	15.66	56028.12	56032.10547	56026.61602	56007.02734	504424.3	5410027.1
L4420.0	0.0	0.0	45943.19922	309.11	0	48.843210	-86.939701	56012.06	56234.3	15.66	56027.72	56031.42969	56030.61742	56010.94922	504424.3	5410028.2
L4420.0	0.0	0.0	45943.30078	308.85	0	48.843219	-86.939701	56010.94	56234.3	15.66	56026.60	56030.03516	56023.43734	56003.69141	504424.3	5410029.1
L4420.0	0.0	0.0	45943.39844	308.70	0	48.843229	-86.939701	56010.34	56234.3	15.66	56025.99	56029.14844	56024.42410	56004.59766	504424.3	5410030.3
L4420.0	0.0	0.0	45943.50000	306.94	0	48.843229	-86.939701	56009.91	56234.3	15.65	56025.56	56028.44141	56028.34926	56008.44141	504424.3	5410030.3
L4420.0	0.0	0.0	45943.60156	305.03	0	48.843229	-86.939701	56008.94	56234.3	15.65	56024.60	56027.20703	56024.15136	56004.16406	504424.3	5410030.3
L4420.0	0.0	0.0	45943.69922	304.92	0	48.843242	-86.939701	56008.14	56234.3	15.65	56023.79	56026.11719	56022.44123	56002.37109	504424.2	5410031.8
L4420.0	0.0	0.0	45943.80078	305.61	0	48.843248	-86.939701	56007.20	56234.3	15.65	56022.85	56024.90234	56018.87406	55998.72656	504424.2	5410032.5
L4420.0	0.0	0.0	45943.89844	308.18	0	48.843257	-86.939702	56006.44	56234.3	15.65	56022.09	56023.86328	56018.22793	55998.00000	504424.2	5410033.4
L4420.0	0.0	0.0	45944.00000	308.34	0	48.843257	-86.939702	56005.71	56234.3	15.65	56021.36	56022.85547	56018.17555	55997.86719	504424.2	5410033.4
L4420.0	0.0	0.0	45944.00000	307.98	0	48.843266	-86.939702	56005.38	56234.3	15.65	56021.03	56022.25000	56024.37749	56003.98828	504424.2	5410034.3
L4420.0	0.0	0.0	45944.10156	308.61	0	48.843276	-86.939702	56004.32	56234.3	15.65	56019.97	56020.91406	56019.53672	55999.06641	504424.2	5410035.5
L4420.0	0.0	0.0	45944.30078	306.62	0	48.843286	-86.939702	56003.61	56234.3	15.66	56019.27	56019.93750	56020.34597	55999.79688	504424.1	5410036.6
L4420.0	0.0	0.0	45944.39844	309.16	0	48.843286	-86.939702	56002.42	56234.3	15.67	56018.08	56018.47266	56013.76004	55993.12891	504424.1	5410036.6
L4420.0	0.0	0.0	45944.50000	308.19	0	48.843296	-86.939703	56001.58	56234.3	15.67	56017.25	56017.36719	56012.82255	55992.11328	504424.1	5410037.8
L4420.0	0.0	0.0	45944.60156	308.95	0	48.843296	-86.939703	56000.85	56234.3	15.67	56016.53	56016.37109	56013.72776	55992.93750	504424.1	5410037.8
L4420.0	0.0	0.0	45944.69922	311.42	0	48.843305	-86.939703	55999.89	56234.3	15.68	56015.57	56015.14063	56011.01992	55990.15234	504424.1	5410038.7
L4420.0	0.0	0.0	45944.80078	311.64	0	48.843314	-86.939703	55999.26	56234.3	15.68	56014.94	56014.23828	56013.65330	55992.71094	504424.1	5410039.7
L4420.0	0.0	0.0	45944.89844	311.16	0	48.843324	-86.939703	55998.38	56234.3	15.69	56014.06	56013.08594	56012.48278	55991.46484	504424.1	5410040.9
L4420.0	0.0	0.0	45944.89844	308.98	0	48.843333	-86.939704	55997.41	56234.3	15.69	56013.09	56011.84766	56009.97807	55988.88281	504424.0	5410041.9
L4420.0	0.0	0.0	45945.10156	308.05	0	48.843333	-86.939704	55996.50	56234.3	15.69	56012.19	56010.67969	56008.72517	55987.55469	504424.0	5410041.9
L4420.0	0.0	0.0	45945.19922	308.32	0	48.843342	-86.939704	55995.71	56234.3	15.69	56011.40	56009.62500	56009.44478	55988.19922	504424.0	5410042.9
L4420.0	0.0	0.0	45945.30078	309.52	0	48.843355	-86.939704	55994.68	56234.3	15.69	56010.37	56008.33203	56006.27504	55984.95703	504424.0	5410044.3
L4420.0	0.0	0.0	45945.39844	308.86	0	48.843364	-86.939704	55993.82	56234.3	15.69	56009.51	56007.20703	56006.11200	55984.72266	504424.0	5410045.3
L4420.0	0.0	0.0	45945.50000	308.87	0	48.843364	-86.939704	55992.88	56234.3	15.69	56008.57	56006.00781	56004.71422	55983.25391	504424.0	5410045.3
L4420.0	0.0	0.0	45945.60156	309.07	0	48.843372	-86.939704	55992.13	56234.3	15.69	56007.82	56005.00000	56006.82120	55985.29297	504424.0	5410046.2
L4420.0	0.0	0.0	45945.69922	309.95	0	48.843383	-86.939704	55991.16	56234.3	15.69	56006.85	56003.77734	56005.19440	55983.59766	504424.0	5410047.4
L4420.0	0.0	0.0	45945.80078	313.11	0	48.843383	-86.939704	55989.92	56234.3	15.69	56005.61	56002.28125	55998.75590	55977.09375	504424.0	5410047.4
L4420.0	0.0	0.0	45945.89844	310.80	0	48.843397	-86.939705	55989.02	56234.3	15.69	56004.71	56001.13281	55998.60741	55976.87891	504424.0	5410048.9
L4420.0	0.0	0.0	45945.89844	308.24	0	48.843407	-86.939705	55987.77	56234.3	15.69	56003.46	55999.63281	55992.06690	55970.27734	504423.9	5410050.0
L4420.0	0.0	0.0	45946.00000	308.41	0	48.843418	-86.939705	55987.27	56234.3	15.69	56002.96	55998.89063	55999.74696	55977.89453	504423.9	5410051.2
L4420.0	0.0	0.0	45946.19922	312.43	0	48.843418	-86.939705	55985.88	56234.3	15.69	56001.57	55997.25781	55990.72772	55968.81641	504423.9	5410051.2
L4420.0	0.0	0.0	45946.30078	313.83	0	48.843430	-86.939706	55985.22	56234.3	15.70	56000.92	55996.37109	55995.96782	55973.99609	504423.9	5410052.6
L4420.0	0.0	0.0	45946.39844	314.29	0	48.843430	-86.939706	55983.77	56234.3	15.70	55999.47	55994.68359	55985.91442	55963.89063	504423.9	5410052.6
L4420.0	0.0	0.0	45946.50000	314.09	0	48.843444	-86.939706	55983.22	56234.3	15.70	55998.92	55993.90234	55993.43845	55971.35938	504423.9	5410054.1
L4420.0	0.0	0.0	45946.60156	312.95	0	48.843459	-86.939706	55982.04	56234.3	15.70	55997.74	55992.49609	55988.83484	55966.70313	504423.8	5410055.8

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4420.0	0.0	0.0	45946.69922	316.40	0	48.843459	-86.939706	55981.09	56234.3	15.70	55996.80	55991.33203	55989.03761	55966.85547	504423.8	5410055.8
L4420.0	0.0	0.0	45946.80078	316.50	0	48.843467	-86.939707	55980.14	56234.3	15.71	55995.84	55990.14844	55988.96616	55966.73828	504423.8	5410056.8
L4420.0	0.0	0.0	45946.89844	313.53	0	48.843480	-86.939707	55979.02	56234.3	15.71	55994.73	55988.82422	55986.06605	55963.79688	504423.8	5410058.2
L4420.0	0.0	0.0	45946.89844	312.64	0	48.843480	-86.939707	55978.21	56234.3	15.71	55993.92	55987.80078	55989.13173	55966.82031	504423.8	5410058.2
L4420.0	0.0	0.0	45947.10156	313.19	0	48.843494	-86.939708	55976.72	56234.3	15.71	55992.43	55986.10156	55979.04779	55956.69531	504423.7	5410059.7
L4420.0	0.0	0.0	45947.19922	315.91	0	48.843494	-86.939708	55976.06	56234.3	15.71	55991.77	55985.23438	55985.18517	55962.79688	504423.7	5410059.7
L4420.0	0.0	0.0	45947.30078	314.10	0	48.843506	-86.939708	55974.67	56234.3	15.70	55990.37	55983.63672	55977.11181	55954.68750	504423.7	5410061.1
L4420.0	0.0	0.0	45947.39844	311.62	0	48.843516	-86.939709	55973.81	56234.3	15.70	55989.51	55982.58203	55979.50441	55957.05078	504423.7	5410062.2
L4420.0	0.0	0.0	45947.50000	310.50	0	48.843529	-86.939709	55972.92	56234.3	15.70	55988.62	55981.50000	55981.34573	55958.86328	504423.6	5410063.6
L4420.0	0.0	0.0	45947.60156	310.37	0	48.843529	-86.939709	55971.66	56234.3	15.70	55987.36	55980.05078	55976.26808	55953.75781	504423.6	5410063.6
L4420.0	0.0	0.0	45947.69922	310.26	0	48.843541	-86.939709	55970.70	56234.3	15.70	55986.40	55978.91016	55976.88442	55954.35156	504423.6	5410065.0
L4420.0	0.0	0.0	45947.80078	310.23	0	48.843554	-86.939710	55969.43	56234.3	15.69	55985.13	55977.46484	55971.81684	55949.26563	504423.6	5410066.4
L4420.0	0.0	0.0	45947.89844	309.67	0	48.843565	-86.939710	55968.57	56234.3	15.69	55984.27	55976.42969	55974.33114	55951.76563	504423.5	5410067.6
L4420.0	0.0	0.0	45947.89844	308.85	0	48.843565	-86.939710	55967.21	56234.3	15.69	55982.90	55974.89453	55967.60615	55945.02734	504423.5	5410067.6
L4420.0	0.0	0.0	45948.00000	311.01	0	48.843579	-86.939711	55966.45	56234.3	15.69	55982.14	55973.97266	55971.92070	55949.33203	504423.5	5410069.2
L4420.0	0.0	0.0	45948.10156	310.27	0	48.843579	-86.939711	55965.31	56234.3	15.69	55981.01	55972.68750	55969.59632	55947.00000	504423.5	5410069.2
L4420.0	0.0	0.0	45948.30078	308.77	0	48.843593	-86.939711	55964.38	56234.3	15.70	55980.08	55971.60547	55970.83052	55948.23047	504423.5	5410070.8
L4420.0	0.0	0.0	45948.39844	308.26	0	48.843593	-86.939711	55962.91	56234.3	15.71	55978.61	55969.98828	55962.58076	55939.98047	504423.5	5410070.8
L4420.0	0.0	0.0	45948.50000	307.46	0	48.843606	-86.939712	55962.00	56234.3	15.71	55977.71	55968.94531	55964.34973	55941.75391	504423.4	5410072.2
L4420.0	0.0	0.0	45948.60156	308.80	0	48.843619	-86.939712	55961.06	56234.3	15.71	55976.78	55967.88281	55965.56917	55942.98047	504423.4	5410073.6
L4420.0	0.0	0.0	45948.69922	310.25	0	48.843626	-86.939712	55959.97	56234.3	15.72	55975.69	55966.66016	55964.00393	55941.42578	504423.4	5410074.4
L4420.0	0.0	0.0	45948.80078	311.29	0	48.843626	-86.939712	55958.91	56234.3	15.72	55974.63	55965.47656	55962.95586	55940.39453	504423.4	5410074.4
L4420.0	0.0	0.0	45948.89844	311.77	0	48.843641	-86.939713	55957.63	56234.3	15.73	55973.35	55964.07813	55958.13320	55935.58984	504423.3	5410076.1
L4420.0	0.0	0.0	45948.89844	311.12	0	48.843654	-86.939713	55956.51	56234.3	15.73	55972.23	55962.84375	55956.06201	55933.53906	504423.3	5410077.5
L4420.0	0.0	0.0	45949.10156	312.65	0	48.843667	-86.939714	55955.34	56234.3	15.73	55971.07	55961.57813	55953.30741	55930.80859	504423.3	5410079.0
L4420.0	0.0	0.0	45949.19922	311.55	0	48.843667	-86.939714	55954.59	56234.3	15.73	55970.32	55960.72266	55957.50194	55935.03125	504423.3	5410079.0
L4420.0	0.0	0.0	45949.30078	309.93	0	48.843682	-86.939714	55953.42	56234.3	15.73	55969.15	55959.45703	55954.54947	55932.11328	504423.2	5410080.6
L4420.0	0.0	0.0	45949.39844	306.69	0	48.843682	-86.939714	55952.16	56234.3	15.73	55967.89	55958.10547	55950.07881	55927.67969	504423.2	5410080.6
L4420.0	0.0	0.0	45949.39844	307.15	0	48.843697	-86.939715	55951.40	56234.3	15.73	55967.13	55957.26172	55953.98618	55931.62500	504423.2	5410082.3
L4420.0	0.0	0.0	45949.60156	310.12	0	48.843710	-86.939715	55949.98	56234.3	15.73	55965.71	55955.76172	55946.81929	55924.50391	504423.2	5410083.7
L4420.0	0.0	0.0	45949.60156	311.41	0	48.843721	-86.939716	55949.27	56234.3	15.73	55965.00	55954.98047	55951.45552	55929.18750	504423.1	5410084.9
L4420.0	0.0	0.0	45949.80078	308.64	0	48.843721	-86.939716	55947.88	56234.3	15.73	55963.61	55953.52344	55944.77285	55922.55859	504423.1	5410084.9
L4420.0	504423.1	5410086.8	45949.89844	307.37	0	48.843737	-86.939716	55947.10	56234.3	15.73	55962.83	55952.67969	55948.11707	55925.95703	504423.1	5410086.8
L4420.0	504423.1	5410086.8	45949.89844	308.76	0	48.843737	-86.939716	55945.68	56234.3	15.73	55961.41	55951.20313	55940.91298	55918.81250	504423.1	5410086.8
L4420.0	504423.0	5410088.7	45950.00000	309.99	0	48.843755	-86.939717	55945.18	56234.3	15.73	55960.91	55950.65234	55948.64601	55926.60938	504423.0	5410088.7
L4420.0	504423.0	5410088.7	45950.00000	309.99	0	48.843755	-86.939717	55943.86	56234.3	15.73	55959.59	55949.28906	55942.97688	55921.00781	504423.0	5410088.7
L4420.0	504423.0	5410090.2	45950.19922	307.62	0	48.843768	-86.939717	55942.92	56234.3	15.73	55958.65	55948.30859	55943.37402	55921.47656	504423.0	5410090.2
L4420.0	504423.0	5410091.3	45950.39844	307.17	0	48.843778	-86.939717	55941.69	56234.3	15.73	55957.42	55947.04688	55939.03568	55917.21094	504423.0	5410091.3
L4420.0	504423.0	5410091.3	45950.50000	308.20	0	48.843778	-86.939717	55941.06	56234.3	15.73	55956.79	55946.38672	55944.15058	55922.40625	504423.0	5410091.3
L4420.0	504423.0	5410093.1	45950.60156	310.77	0	48.843794	-86.939718	55939.86	56234.3	15.73	55955.59	55945.16406	55940.08714	55918.42188	504423.0	5410093.1
L4420.0	504422.9	5410094.6	45950.69922	309.05	0	48.843808	-86.939718	55938.73	56234.3	15.73	55954.46	55944.01563	55937.02671	55915.44922	504422.9	5410094.6
L4420.0	504422.9	5410094.6	45950.80078	307.79	0	48.843808	-86.939718	55937.71	56234.3	15.73	55953.45	55942.99609	55935.72329	55914.23438	504422.9	5410094.6
L4420.0	504422.9	5410095.9	45950.89844	310.54	0	48.843819	-86.939718	55936.47	56234.3	15.73	55952.20	55941.73828	55930.52132	55909.12891	504422.9	5410095.9
L4420.0	504422.9	5410097.4	45950.89844	312.74	0	48.843833	-86.939719	55935.87	56234.3	15.73	55951.60	55941.14063	55935.30189	55914.00781	504422.9	5410097.4
L4420.0	504422.9	5410097.4	45951.10156	310.74	0	48.843833	-86.939719	55934.53	56234.3	15.73	55950.26	55939.80469	55928.37107	55907.17578	504422.9	5410097.4
L4420.0	504422.9	5410098.8	45951.19922	307.58	0	48.843845	-86.939719	55933.82	56234.3	15.74	55949.56	55939.11328	55931.20769	55910.11719	504422.9	5410098.8
L4420.0	504422.9	5410100.4	45951.30078	307.51	0	48.843860	-86.939719	55932.66	56234.3	15.74	55948.40	55937.96875	55926.69283	55905.71094	504422.9	5410100.4
L4420.0	504422.9	5410100.4	45951.39844	307.70	0	48.843860	-86.939719	55932.00	56234.3	15.75	55947.74	55937.32813	55929.73109	55908.86328	504422.9	5410100.4
L4420.0	504422.9	5410101.7	45951.50000	309.00	0	48.843872	-86.939719	55930.91	56234.3	15.75	55946.66	55936.27344	55926.01886	55905.26563	504422.9	5410101.7
L4420.0	504422.8	5410103.0	45951.60156	309.36	0	48.843883	-86.939719	55930.00	56234.2	15.75	55945.75	55935.39453	55924.71202	55904.07813	504422.8	5410103.0
L4420.0	504422.8	5410104.3	45951.69922	307.93	0	48.843895	-86.939720	55928.84	56234.2	15.76	55944.60	55934.27734	55919.41757	55898.90625	504422.8	5410104.3
L4420.0	504422.8	5410104.3	45951.80078	307.42	0	48.843895	-86.939720	55927.95	56234.2	15.76	55943.71	55933.42578	55917.91477	55897.52734	504422.8	5410104.3
L4420.0	504422.8	5410106.1	45951.89844	309.43	0	48.843911	-86.939720	55927.02	56234.2	15.77	55942.78	55932.54297	55915.51993	55895.26172	504422.8	5410106.1
L4420.0	504422.8	5410106.1	45951.89844	312.53	0	48.843911	-86.939720	55926.11	56234.2	15.77	55941.87	55931.67969	55913.15728	55893.03516	504422.8	5410106.1
L4420.0	504422.8	5410107.4	45952.00000	310.89	0	48.843922	-86.939720	55925.42	56234.2	15.77	55941.19	55931.05469	55914.11034	55894.12109	504422.8	5410107.4
L4420.0	504422.8	5410109.2	45952.19922	309.27	0	48.843939	-86.939720	55924.56	56234.2	15.77	55940.33	55930.25000	55911.94262	55892.09375	504422.8	5410109.2
L4420.0	504422.7	5410110.6	45952.30078	308.98	0	48.843951	-86.939721	55924.13	56234.2	15.77	55939.91	55929.89063	55916.39008	55896.68359	504422.7	5410110.6
L4420.0	504422.7	5410110.6	45952.39844	310.28	0	48.843951	-86.939721	55923.07	56234.2	15.77	55938.84	55928.88672	55910.28833	55890.72656	504422.7	5410110.6
L4420.0	504422.7	5410112.6	45952.50000	310.45	0	48.843970	-86.939721	55922.66	56234.2	15.77	55938.44	55928.55469	55914.43282	55895.01953	504422.7	5410112.6
L4420.0	504422.7	5410114.1	45952.60156	308.02	0	48.843983	-86.939721	55921.83	56234.2	15.78	55937.61	55927.80078	55911.46758	55892.20313	504422.7	5410114.1
L4420.0	504422.7	5410114.1	45952.69922	307.31	0	48.843983	-86.939721	55921.40	56234.2	15.78	55937.18	55927.44531	55914.50006	55895.39063	504422.7	5410114.1
L4420.0	504422.7	5410115.8	45952.80078	307.27	0	48.843998	-86.939721	55920.52	56234.2	15.78	55936.29	55926.63672	55909.92166	55890.96875	504422.7	5410115.8
L4420.0	504422.7	5410116.8	45952.89844	308.99	0	48.844007	-86.939721	55919.93	56234.2	15.78	55935.71	55926.14063	55909.91271	55891.11719	504422.7	5410116.8
L4420.0	504422.7	5410116.8	45952.89844	309.52	0	48.844007	-86.939721	55919.20	56234.2	15.78	55934.98	55925.50000	55907.19375	55888.55859	504422.7	5410116.8
L4420.0	504422.7	5410118.4	45953.10156	310.31	0	48.844022	-86.939721	55918.62	56234.2	15.78	55934.40	55925.00781	55906.50803	55888.03906	504422.7	5410118.4
L4420.0	504422.7	5410120.0	45953.19922	308.52	0	48.844036	-86.939721	55918.19	56234.2	15.78	55933.97	55924.67188	55907.84265	55889.53906	504422.7	5410120.0
L4420.0	504422.7	5410120.0	45953.30078	309.40	0	48.844036	-86.939721	55917.45	56234.2	15.79	55933.24	55924.03906	55904.11021	55885.97656	504422.7	5410120.0
L4420.0	504422.7	5410121.7	45953.39844	311.17	0	48.844051	-86.939722	55917.16	56234.2	15.79	55932.94	55923.83984	55906.77885	55888.81641	504422.7	5410121.7
L4420.0	504422.6	5410123.5	45953.50000	309.57	0	48.844068	-86.939722	55916.19	56234.2	15.79	55931.98	55922.98047	55898.78287	55880.99219	504422.6	5410123.5
L4420.0	504422.6	5410123.5	45953.60156	306.88	0	48.844068	-86.939722	55915.98	56234.2	15.79	55931.78	55922.88672	55902.29698	55884.67969	504422.6	5410123.5
L4420.0	504422.6	5410125.1	45953.69922	306.75	0	48.844082	-86.939722	55915.50	56234.2	15.79	55931.30	55922.51172	55901.09894	55883.66016	504422.6	5410125.1
L4420.0	504422.6	5410126.4	45953.80078	308.70	0	48.844093	-86.939722	55915.28	56234.2	15.80	55931.07	55922.39453	55903.39982	55886.13672	504422.6	5410126.4
L4420.0	504422.6	5410126.4	45953.89844	311.25	0	48.844093	-86.939722	55914.97	56234.2	15.80	55930.77	55922.20313	55904.24810	55887.16797	504422.6	5410126.4
L4420.0	504422.6	5410127.9	45953.89844	309.09	0	48.844107	-86.939722	55914.42	56234.2	15.80	55930.22	55921.76563	55900.92548	55884.02734	504422.6	5410127.9
L4420.0	504422.6	5410129.5	45954.00000	307.64	0	48.844122	-86.939722	55914.37	56234.2	15.80	55930.17	55921.83203	55904.83755	55888.12109	504422.6	5410129.5
L4420.0	504422.6	5410129.5	45954.19922	308.59	0	48.844122	-86.939722	55913.81	56234.2	15.80	55929.61	55921.39063	55900.67093	55884.14063	504422.6	5410129.5
L4420.0	504422.6	5410130.8	45954.30078	309.20	0	48.844133	-86.939722	55913.74	56234.2	15.79	55929.53	55921.42578	55903.35020	55887.00391	504422.6	5410130.8
L4420.0	504422.6	5410132.1	45954.39844	310.37	0	48.844145	-86.939722	55913.31	56234.2	15.79	55929.10	55921.11719	55900.42154	55884.26172	504422.6	5410132.1
L4420.0	504422.6	5410133.4	45954.50000	309.09	0	48.844157	-86.939722	55913.23	56234.2	15.79	55929.02	55921.15625	55902.32021	55886.35156	504422.6	5410133.4
L4420.0	504422.6	5410133.4	45954.60156	308.16	0	48.844157	-86.939722	55912.88	56234.2	15.79	55928.66	55920.91797	55899.69647	55883.91797	504422.6	5410133.4
L4420.0	504422.6	5410135.2	45954.69922	309.00	0	48.844173	-86.939722	55913.06	56234.2	15.79	55928.84	55921.22266	55904.62288	55889.03125	504422.6	5410135.2
L4420.0	504422.6	5410136.8	45954.80078	311.03	0	48.844187	-86.939722	55912.82	56234.2	15.78	55928.61	55921.11719	55903.12933	55887.73047	504422.6	5410136.8
L4420.0	504422.6	5410136.8	45954.89844	309.73	0	48.844187	-86.939722	55912.80	56234.2	15.78	55928.58	55921.21094	55904.15481	55888.94922	504422.6	5410136.8
L4420.0	504422.6	5410138.4	45954.89844	307.70	0	48.844201	-86.939722	55912.44	56234.2	15.78	55928.22	55920.97656	55899.96609	55884.95313	504422.6	5410138.4
L4420.0	504422.6	5410140.1	45955.10156	306.20	0	48.844217	-86.939722	55912.29	56234.2	15.78	55928.08	55920.96094	55898.55460	55883.73438	504422.6	5410140.1
L4420.0	504422.6	5410140.1	45955.19922	305.92	0	48.844217	-86.939722	55912.44	56234.2	15.79	55928.23	55921.23828	55900.92348	55886.29688	504422.6	5410140.1
L4420.0	504422.6	5410141.9	45955.30078	308.03	0	48.844233	-86.939722	55912.34	56234.2	15.79	55928.14	55921.27344	55899.36562	55884.93359	504422.6	5410141.9
L4420.0	504422.6	5410141.9	45955.39844	307.78	0	48.844233	-86.939722	55912.50	56234.2	15.80	55928.30	55921.55859	55901.00664	55886.76953	504422.6	5410141.9
L4420.0	504422.6	5410143.7	45955.50000	307.28	0	48.844249	-86.939722	55912.44	56234.2	15.81	55928.25	55921.63281	55899.13917	55885.09375	504422.6	5410143.7
L4420.0	504422.6	5410145.3	45955.60156	305.11	0	48.844263	-86.939722	55912.63	56234.2	15.81	55928.43	55921.93750	55900.19602	55886.34766	504422.6	5410145.3
L4420.0	504422.6	5410145.3	45955.69922	306.35	0	48.844263	-86.939722	55912.49	56234.2	15.82	55928.31	55921.94141	55896.38305	55882.72656	504422.6	5410145.3
L4420.0	504422.6	5410146.8	45955.80078	308.36	0	48.844278	-86.939722	55912.82	56234.2	15.82	55928.64	55922.39844	55898.76134	55885.30078	504422.6	5410146.8
L4420.0	504422.6	5410148.5	45955.89844	310.31	0	48.844293	-86.939722	55912.82	56234.2	15.83	55928.65	55922.53125	55895.93591	55882.67188	504422.6	5410148.5

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4420.0	504422.6	5410148.5	45955.89844	309.18	0	48.844293	-86.939722	55913.25	56234.2	15.83	55929.08	55923.08594	55898.91534	55885.84375	504422.6	5410148.5
L4420.0	504422.6	5410150.2	45956.00000	309.50	0	48.844307	-86.939722	55913.51	56234.2	15.83	55929.34	55923.46484	55898.90270	55886.02344	504422.6	5410150.2
L4420.0	504422.6	5410151.9	45956.19922	309.68	0	48.844323	-86.939723	55913.66	56234.2	15.83	55929.49	55923.73828	55896.76345	55884.07813	504422.6	5410151.9
L4420.0	504422.6	5410153.1	45956.30078	310.92	0	48.844334	-86.939723	55914.04	56234.2	15.83	55929.87	55924.23828	55897.62778	55885.13672	504422.6	5410153.1
L4420.0	504422.6	5410153.1	45956.39844	308.95	0	48.844334	-86.939723	55914.46	56234.2	15.83	55930.29	55924.77734	55898.63870	55886.33984	504422.6	5410153.1
L4420.0	504422.6	5410154.5	45956.50000	307.63	0	48.844347	-86.939723	55914.77	56234.2	15.83	55930.60	55925.20313	55897.51100	55885.40234	504422.6	5410154.5
L4420.0	504422.6	5410154.5	45956.60156	309.26	0	48.844347	-86.939723	55914.98	56234.2	15.83	55930.81	55925.52734	55894.38700	55882.46875	504422.6	5410154.5
L4420.0	504422.6	5410156.1	45956.69922	312.05	0	48.844361	-86.939723	55915.73	56234.2	15.83	55931.56	55926.39453	55899.05502	55887.32422	504422.6	5410156.1
L4420.0	504422.5	5410157.7	45956.80078	313.11	0	48.844376	-86.939723	55916.16	56234.2	15.83	55931.99	55926.93750	55898.37886	55886.83984	504422.5	5410157.7
L4420.0	504422.5	5410159.4	45956.89844	309.80	0	48.844390	-86.939723	55916.88	56234.2	15.83	55932.71	55927.76953	55901.68753	55890.33594	504422.5	5410159.4
L4420.0	504422.5	5410159.4	45956.89844	308.63	0	48.844390	-86.939723	55917.61	56234.2	15.83	55933.44	55928.60547	55904.69431	55893.52734	504422.5	5410159.4
L4420.0	504422.5	5410161.7	45957.10156	307.74	0	48.844411	-86.939723	55918.14	56234.2	15.83	55933.97	55929.24609	55904.19922	55893.21875	504422.5	5410161.7
L4420.0	504422.5	5410161.7	45957.19922	306.89	0	48.844411	-86.939723	55918.77	56234.2	15.83	55934.60	55929.98047	55904.78164	55893.98438	504422.5	5410161.7
L4420.0	504422.5	5410163.1	45957.30078	308.77	0	48.844424	-86.939723	55919.25	56234.2	15.84	55935.09	55930.57422	55902.80130	55892.18750	504422.5	5410163.1
L4420.0	504422.5	5410164.7	45957.39844	308.77	0	48.844438	-86.939723	55919.73	56234.2	15.84	55935.57	55931.15625	55900.25530	55889.82422	504422.5	5410164.7
L4420.0	504422.5	5410166.3	45957.50000	307.17	0	48.844453	-86.939723	55920.87	56234.2	15.84	55936.71	55932.39453	55907.20557	55896.95313	504422.5	5410166.3
L4420.0	504422.5	5410166.3	45957.60156	308.35	0	48.844453	-86.939723	55921.50	56234.2	15.84	55937.34	55933.12109	55906.07038	55895.99609	504422.5	5410166.3
L4420.0	504422.5	5410168.2	45957.69922	309.46	0	48.844470	-86.939723	55922.48	56234.2	15.84	55938.33	55934.20703	55909.88230	55899.98828	504422.5	5410168.2
L4420.0	504422.5	5410168.2	45957.80078	310.45	0	48.844470	-86.939723	55923.22	56234.2	15.85	55939.06	55935.02734	55909.41479	55899.69531	504422.5	5410168.2
L4420.0	504422.5	5410170.1	45957.89844	309.40	0	48.844486	-86.939723	55924.23	56234.2	15.85	55940.08	55936.13672	55912.80574	55903.25781	504422.5	5410170.1
L4420.0	504422.6	5410171.0	45957.89844	308.16	0	48.844495	-86.939723	55925.12	56234.2	15.85	55940.97	55937.11719	55913.86223	55904.48828	504422.6	5410171.0
L4420.0	504422.6	5410171.0	45958.00000	308.84	0	48.844495	-86.939723	55925.93	56234.2	15.85	55941.78	55938.01172	55913.34269	55904.14063	504422.6	5410171.0
L4420.0	504422.6	5410172.7	45958.10156	308.92	0	48.844510	-86.939723	55927.06	56234.1	15.85	55942.91	55939.22266	55917.06966	55908.03516	504422.6	5410172.7
L4420.0	504422.6	5410174.6	45958.30078	308.74	0	48.844528	-86.939722	55928.06	56234.1	15.85	55943.91	55940.30469	55918.50257	55909.63672	504422.6	5410174.6
L4420.0	504422.6	5410176.1	45958.39844	307.57	0	48.844540	-86.939722	55929.21	56234.1	15.85	55945.07	55941.53906	55921.85862	55913.15625	504422.6	5410176.1
L4420.0	504422.6	5410176.1	45958.50000	305.72	0	48.844540	-86.939722	55930.23	56234.1	15.85	55946.08	55942.62500	55922.65795	55914.11719	504422.6	5410176.1
L4420.0	504422.6	5410177.7	45958.60156	307.32	0	48.844555	-86.939722	55931.34	56234.1	15.86	55947.20	55943.81641	55924.67438	55916.29688	504422.6	5410177.7
L4420.0	504422.6	5410179.4	45958.69922	308.54	0	48.844570	-86.939722	55932.33	56234.1	15.86	55948.19	55944.87891	55924.42984	55916.21094	504422.6	5410179.4
L4420.0	504422.6	5410179.4	45958.80078	308.88	0	48.844570	-86.939722	55933.36	56234.1	15.86	55949.22	55945.97266	55924.39026	55916.32813	504422.6	5410179.4
L4420.0	504422.6	5410180.8	45958.89844	306.45	0	48.844583	-86.939722	55934.48	56234.1	15.86	55950.34	55947.16016	55925.29547	55917.39063	504422.6	5410180.8
L4420.0	504422.6	5410182.2	45958.89844	306.03	0	48.844596	-86.939721	55935.77	56234.1	15.86	55951.63	55948.51172	55928.35205	55920.59766	504422.6	5410182.2
L4420.0	504422.6	5410184.1	45959.10156	305.39	0	48.844613	-86.939721	55936.88	56234.1	15.86	55952.74	55949.67969	55928.39259	55920.78906	504422.6	5410184.1
L4420.0	504422.6	5410184.1	45959.19922	307.32	0	48.844613	-86.939721	55938.07	56234.1	15.86	55953.93	55950.92578	55929.26994	55921.81641	504422.6	5410184.1
L4420.0	504422.6	5410185.1	45959.30078	307.54	0	48.844621	-86.939721	55939.34	56234.1	15.87	55955.20	55952.25000	55931.01678	55923.71094	504422.6	5410185.1
L4420.0	504422.6	5410185.1	45959.39844	308.28	0	48.844621	-86.939721	55940.42	56234.1	15.87	55956.29	55953.39063	55929.67265	55922.51172	504422.6	5410185.1
L4420.0	504422.7	5410187.4	45959.50000	309.22	0	48.844642	-86.939721	55941.69	56234.1	15.87	55957.56	55954.70703	55930.75003	55923.73047	504422.7	5410187.4
L4420.0	504422.7	5410188.8	45959.60156	310.11	0	48.844655	-86.939721	55942.60	56234.1	15.87	55958.47	55955.66406	55925.85264	55918.97656	504422.7	5410188.8
L4420.0	504422.7	5410190.2	45959.69922	311.91	0	48.844668	-86.939721	55944.19	56234.1	15.87	55960.06	55957.29688	55931.33347	55924.59375	504422.7	5410190.2
L4420.0	504422.7	5410190.2	45959.69922	310.10	0	48.844668	-86.939721	55945.58	56234.1	15.87	55961.45	55958.72656	55933.41742	55926.81641	504422.7	5410190.2
L4420.0	504422.7	5410192.1	45959.80078	309.90	0	48.844685	-86.939720	55947.07	56234.1	15.88	55962.95	55960.26172	55937.02976	55930.56250	504422.7	5410192.1
L4420.0	504422.7	5410193.8	45959.89844	309.46	0	48.844700	-86.939720	55948.46	56234.1	15.88	55964.34	55961.68750	55938.63431	55932.30078	504422.7	5410193.8
L4420.0	504422.7	5410193.8	45960.00000	309.62	0	48.844700	-86.939720	55949.83	56234.1	15.88	55965.71	55963.08984	55939.66887	55933.46484	504422.7	5410193.8
L4420.0	504422.7	5410195.0	45960.19922	310.23	0	48.844710	-86.939720	55951.25	56234.1	15.88	55967.13	55964.53906	55941.26292	55935.18750	504422.7	5410195.0
L4420.0	504422.8	5410196.6	45960.19922	311.55	0	48.844725	-86.939719	55952.74	56234.1	15.88	55968.62	55966.05859	55943.74271	55937.79297	504422.8	5410196.6
L4420.0	504422.8	5410196.6	45960.39844	310.07	0	48.844725	-86.939719	55953.93	56234.1	15.88	55969.81	55967.27344	55941.15551	55935.32813	504422.8	5410196.6
L4420.0	504422.8	5410198.2	45960.50000	310.72	0	48.844740	-86.939719	55955.57	56234.1	15.88	55971.46	55968.94531	55945.72966	55940.02344	504422.8	5410198.2
L4420.0	504422.8	5410199.7	45960.60156	312.00	0	48.844753	-86.939719	55957.22	56234.1	15.89	55973.10	55970.60938	55949.87650	55944.29297	504422.8	5410199.7
L4420.0	504422.8	5410201.2	45960.69922	312.49	0	48.844766	-86.939719	55958.76	56234.1	15.89	55974.65	55972.17578	55952.34023	55946.87500	504422.8	5410201.2
L4420.0	504422.8	5410202.4	45960.80078	311.37	0	48.844777	-86.939718	55960.23	56234.1	15.89	55976.11	55973.65234	55953.16845	55947.82031	504422.8	5410202.4
L4420.0	504422.8	5410202.4	45960.89844	309.10	0	48.844777	-86.939718	55961.82	56234.1	15.89	55977.71	55975.26563	55955.93353	55950.69922	504422.8	5410202.4
L4420.0	504422.8	5410204.3	45960.89844	308.40	0	48.844794	-86.939718	55963.44	56234.1	15.89	55979.33	55976.89844	55958.75027	55953.62500	504422.8	5410204.3
L4420.0	504422.8	5410204.3	45961.10156	310.22	0	48.844794	-86.939718	55965.06	56234.1	15.89	55980.95	55978.52734	55961.31642	55956.30469	504422.8	5410204.3
L4420.0	504422.9	5410206.0	45961.19922	308.94	0	48.844809	-86.939718	55966.75	56234.1	15.89	55982.64	55980.22656	55964.66527	55959.76172	504422.9	5410206.0
L4420.0	504422.9	5410207.5	45961.30078	306.05	0	48.844823	-86.939718	55968.35	56234.1	15.89	55984.24	55981.83203	55966.45729	55961.66016	504422.9	5410207.5
L4420.0	504422.9	5410208.9	45961.39844	305.81	0	48.844836	-86.939717	55970.02	56234.1	15.89	55985.91	55983.50781	55969.03346	55964.33984	504422.9	5410208.9
L4420.0	504422.9	5410210.4	45961.50000	304.07	0	48.844849	-86.939717	55971.64	56234.1	15.89	55987.53	55985.12891	55970.68155	55966.09375	504422.9	5410210.4
L4420.0	504422.9	5410210.4	45961.60156	305.56	0	48.844849	-86.939717	55973.41	56234.1	15.89	55989.30	55986.90234	55974.20494	55969.71875	504422.9	5410210.4
L4420.0	504422.9	5410211.9	45961.69922	307.52	0	48.844863	-86.939717	55975.02	56234.1	15.89	55990.91	55988.51172	55975.30311	55970.91406	504422.9	5410211.9
L4420.0	504422.9	5410211.9	45961.80078	306.67	0	48.844863	-86.939717	55976.85	56234.1	15.89	55992.74	55990.33984	55983.02467	55978.73438	504422.9	5410211.9
L4420.0	504423.0	5410213.6	45961.89844	305.94	0	48.844879	-86.939717	55978.36	56234.1	15.89	55994.25	55991.84375	55979.34255	55975.15234	504423.0	5410213.6
L4420.0	504423.0	5410215.3	45961.89844	306.71	0	48.844893	-86.939717	55979.98	56234.1	15.89	55995.87	55993.46094	55978.58921	55974.49219	504423.0	5410215.3
L4420.0	504423.0	5410217.3	45962.00000	309.35	0	48.844911	-86.939716	55981.55	56234.1	15.89	55997.44	55995.02344	55975.97788	55971.97656	504423.0	5410217.3
L4420.0	504423.0	5410217.3	45962.19922	309.85	0	48.844911	-86.939716	55983.32	56234.1	15.89	55999.21	55996.78516	55978.82912	55974.91797	504423.0	5410217.3
L4420.0	504423.0	5410219.0	45962.30078	307.55	0	48.844926	-86.939716	55985.17	56234.1	15.89	56001.06	55998.62500	55983.58867	55979.76953	504423.0	5410219.0
L4420.0	504423.0	5410220.9	45962.39844	307.17	0	48.844944	-86.939716	55987.02	56234.1	15.89	56002.91	56000.46875	55987.93373	55984.20313	504423.0	5410220.9
L4420.0	504423.0	5410222.1	45962.50000	308.77	0	48.844955	-86.939716	55988.94	56234.1	15.89	56004.83	56002.37500	55993.94080	55990.30078	504423.0	5410222.1
L4420.0	504423.0	5410222.1	45962.50000	309.60	0	48.844955	-86.939716	55990.71	56234.1	15.89	56006.60	56004.13281	55995.18763	55991.63672	504423.0	5410222.1
L4420.0	504423.0	5410223.6	45962.60156	311.01	0	48.844968	-86.939716	55992.58	56234.1	15.90	56008.47	56005.99219	55999.03603	55995.57031	504423.0	5410223.6
L4420.0	504423.0	5410225.2	45962.80078	308.28	0	48.844983	-86.939716	55994.38	56234.1	15.90	56010.27	56007.77734	56000.52059	55997.14063	504423.0	5410225.2
L4420.0	504423.0	5410225.2	45962.80078	306.75	0	48.844983	-86.939716	55996.38	56234.1	15.90	56012.27	56009.76563	56007.65454	56004.35938	504423.0	5410225.2
L4420.0	504423.0	5410227.2	45962.89844	305.88	0	48.845000	-86.939716	55998.07	56234.1	15.90	56013.97	56011.44922	56005.67847	56002.46484	504423.0	5410227.2
L4420.0	504423.0	5410228.6	45963.10156	307.13	0	48.845013	-86.939716	55999.71	56234.1	15.90	56015.61	56013.07422	56001.73042	55998.60156	504423.0	5410228.6
L4420.0	504423.0	5410228.6	45963.19922	308.42	0	48.845013	-86.939716	56001.54	56234.1	15.90	56017.44	56014.89063	56003.24586	56000.19922	504423.0	5410228.6
L4420.0	504423.0	5410230.6	45963.19922	306.75	0	48.845031	-86.939716	56003.16	56234.1	15.90	56019.06	56016.49219	55998.44139	55995.47656	504423.0	5410230.6
L4420.0	504422.9	5410231.9	45963.39844	306.14	0	48.845042	-86.939717	56004.97	56234.1	15.90	56020.87	56018.28516	55999.14284	55996.25781	504422.9	5410231.9
L4420.0	504422.9	5410231.9	45963.50000	305.30	0	48.845042	-86.939717	56007.13	56234.1	15.90	56023.03	56020.42969	56010.00770	56007.20313	504422.9	5410231.9
L4420.0	504422.9	5410233.3	45963.50000	306.04	0	48.845055	-86.939717	56009.35	56234.1	15.90	56025.25	56022.63281	56022.48293	56019.75781	504422.9	5410233.3
L4420.0	504422.9	5410234.9	45963.60156	307.74	0	48.845070	-86.939717	56011.35	56234.1	15.90	56027.25	56024.61719	56028.40329	56025.75781	504422.9	5410234.9
L4420.0	504422.9	5410236.7	45963.80078	305.43	0	48.845086	-86.939717	56012.91	56234.1	15.90	56028.81	56026.16016	56021.39315	56018.82422	504422.9	5410236.7
L4420.0	504422.9	5410237.9	45963.80078	306.13	0	48.845096	-86.939717	56014.61	56234.1	15.90	56030.51	56027.84375	56018.34302	56015.85156	504422.9	5410237.9
L4420.0	504422.9	5410237.9	45963.89844	307.08	0	48.845096	-86.939717	56016.56	56234.1	15.90	56032.46	56029.77734	56022.43928	56020.02734	504422.9	5410237.9
L4420.0	504422.9	5410239.8	45964.00000	308.91	0	48.845113	-86.939717	56018.46	56234.1	15.90	56034.36	56031.66016	56024.91195	56022.57813	504422.9	5410239.8
L4420.0	504422.9	5410239.8	45964.10156	308.65	0	48.845113	-86.939717	56020.18	56234.1	15.90	56036.08	56033.36328	56021.86310	56019.60547	504422.9	5410239.8
L4420.0	504422.9	5410241.3	45964.30078	305.52	0	48.845127	-86.939717	56022.27	56234.1	15.92	56038.19	56035.45703	56030.18002	56028.00000	504422.9	5410241.3
L4420.0	504422.9	5410242.9	45964.39844	305.28	0	48.845142	-86.939717	56024.14	56234.1	15.92	56040.06	56037.30859	56031.14076	56029.03906	504422.9	5410242.9
L4420.0	504422.9	5410243.9	45964.39844	306.33	0	48.845151	-86.939717	56026.27	56234.1	15.92	56042.19	56039.42578	56035.08021	56033.05469	504422.9	5410243.9
L4420.0	504422.9	5410245.6	45964.60156	307.74	0	48.845166	-86.939717	56027.89	56234.1	15.93	56043.82	56041.03906	56033.16328	56031.21484	504422.9	5410245.6
L4420.0	504422.9	5410245.6	45964.69922	306.44	0	48.845166	-86.939717	56029.71	56234.1	15.93	56045.65	56042.85547	56033.93152	56032.06250	504422.9	5410245.6
L4420.0	504422.9	5410247.7	45964.80078	307.09	0	48.845185	-86.939717	56031.71	56234.1	15.94	56047.65	56044.83984	56037.05732	56035.26563	504422.9	5410247.7
L4420.0	504422.9	5410249.4	45964.89844	307.52	0	48.845200	-86.939717	56033.71	56234.1	15.94	56049.65	56046.82813	56040.18660	56038.47266	504422.9	5410249.4
L4420.0	504422.9	5410249.4	45964.89844	308.18	0	48.845200	-86.939717	56035.86	56234.1	15.94	56051.80	56048.96484	56045.49880	56043.86328	504422.9	5410249.4
L4420.0	504422.9	5410250.6	45965.10156	310.09	0	48.845211	-86.939717	56037.75	56234.1	15.95	56053.70	56050.85156	56047.20737	56045.64844	504422.9	5410250.6
L4420.0	504422.9	5410251.9	45965.19922	310.13	0	48.845222	-86.939717	56039.48	56234.1	15.95	56055.43	56052.57031	56046.39980	56044.92188	504422.9	5410251.9

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4420.0	504422.9	5410253.9	45965.30078	311.14	0	48.845240	-86.939717	56041.52	56234.1	15.95	56057.47	56054.60156	56050.15692	56048.75781	504422.9	5410253.9
L4420.0	504422.9	5410253.9	45965.39844	310.72	0	48.845240	-86.939717	56043.50	56234.1	15.95	56059.45	56056.57031	56053.04785	56051.73047	504422.9	5410253.9
L4420.0	504422.9	5410255.5	45965.50000	310.99	0	48.845255	-86.939716	56045.55	56234.1	15.95	56061.50	56058.61328	56057.00846	56055.76953	504422.9	5410255.5
L4420.0	504422.9	5410255.5	45965.60156	311.63	0	48.845255	-86.939716	56047.46	56234.1	15.95	56063.41	56060.51172	56058.89126	56057.73438	504422.9	5410255.5
L4420.0	504422.9	5410257.3	45965.69922	309.87	0	48.845271	-86.939716	56049.44	56234.1	15.95	56065.39	56062.48438	56061.84489	56060.76953	504422.9	5410257.3
L4420.0	504422.9	5410259.1	45965.80078	307.91	0	48.845288	-86.939716	56051.49	56234.1	15.95	56067.44	56064.52734	56065.87403	56064.88281	504422.9	5410259.1
L4420.0	504422.9	5410260.3	45965.89844	307.78	0	48.845298	-86.939716	56053.31	56234.1	15.95	56069.26	56066.34375	56066.46502	56065.55469	504422.9	5410260.3
L4420.0	504422.9	5410260.3	45965.89844	309.27	0	48.845298	-86.939716	56054.98	56234.1	15.95	56070.93	56068.00781	56064.84258	56064.01953	504422.9	5410260.3
L4420.0	504422.9	5410262.0	45966.00000	309.43	0	48.845313	-86.939716	56056.86	56234.1	15.95	56072.81	56069.88281	56066.41572	56065.67578	504422.9	5410262.0
L4420.0	504422.9	5410263.6	45966.19922	307.51	0	48.845328	-86.939716	56058.73	56234	15.95	56074.68	56071.75000	56067.88426	56067.23047	504422.9	5410263.6
L4420.0	504422.9	5410263.6	45966.30078	306.60	0	48.845328	-86.939716	56060.74	56234	15.96	56076.70	56073.76953	56071.61004	56071.04688	504422.9	5410263.6
L4420.0	504422.9	5410266.8	45966.39844	306.00	0	48.845356	-86.939717	56062.92	56234	15.96	56078.88	56075.94922	56077.68920	56077.21094	504422.9	5410266.8
L4420.0	504422.9	5410266.8	45966.50000	307.58	0	48.845356	-86.939717	56064.77	56234	15.96	56080.73	56077.79688	56078.96129	56078.57422	504422.9	5410266.8
L4420.0	504422.9	5410268.3	45966.60156	309.00	0	48.845370	-86.939717	56066.64	56234	15.96	56082.60	56079.66797	56080.57505	56080.27734	504422.9	5410268.3
L4420.0	504422.9	5410269.8	45966.69922	307.06	0	48.845383	-86.939717	56068.32	56234	15.96	56084.28	56081.34766	56079.53147	56079.32422	504422.9	5410269.8
L4420.0	504422.9	5410271.3	45966.80078	306.54	0	48.845397	-86.939717	56070.26	56234	15.97	56086.22	56083.29297	56082.25691	56082.14453	504422.9	5410271.3
L4420.0	504422.9	5410271.3	45966.89844	306.36	0	48.845397	-86.939717	56072.21	56234	15.97	56088.18	56085.25391	56085.29946	56085.27734	504422.9	5410271.3
L4420.0	504422.9	5410271.3	45966.89844	307.46	0	48.845397	-86.939717	56074.16	56234	15.97	56090.12	56087.19922	56088.09925	56088.17188	504422.9	5410271.3
L4420.0	504422.8	5410273.6	45967.10156	307.36	0	48.845417	-86.939718	56076.18	56234	15.97	56092.15	56089.23438	56092.20035	56092.37109	504422.8	5410273.6
L4420.0	504422.8	5410275.0	45967.19922	305.81	0	48.845431	-86.939718	56077.88	56234	15.98	56093.85	56090.94141	56091.75879	56092.02734	504422.8	5410275.0
L4420.0	504422.8	5410276.6	45967.30078	306.24	0	48.845445	-86.939718	56079.82	56234	15.98	56095.80	56092.89844	56094.86021	56095.22656	504422.8	5410276.6
L4420.0	504422.8	5410276.6	45967.39844	306.88	0	48.845445	-86.939718	56081.64	56234	15.98	56097.62	56094.72656	56096.21877	56096.68359	504422.8	5410276.6
L4420.0	504422.8	5410278.1	45967.50000	308.68	0	48.845459	-86.939718	56083.36	56234	15.99	56099.35	56096.46484	56096.39088	56096.95703	504422.8	5410278.1
L4420.0	504422.8	5410279.7	45967.60156	309.99	0	48.845472	-86.939718	56085.23	56234	15.99	56101.22	56098.34766	56098.58336	56099.25391	504422.8	5410279.7
L4420.0	504422.8	5410281.2	45967.69922	311.33	0	48.845486	-86.939718	56087.08	56234	15.99	56103.07	56100.20703	56100.57383	56101.34766	504422.8	5410281.2
L4420.0	504422.8	5410281.2	45967.80078	311.94	0	48.845486	-86.939718	56088.93	56234	15.99	56104.92	56102.07031	56102.64678	56103.52734	504422.8	5410281.2
L4420.0	504422.8	5410283.1	45967.89844	313.35	0	48.845504	-86.939718	56091.02	56234	16.00	56107.02	56104.18359	56108.34289	56109.32813	504422.8	5410283.1
L4420.0	504422.8	5410284.6	45967.89844	311.24	0	48.845517	-86.939718	56092.70	56234	16.00	56108.69	56105.86719	56108.05779	56109.15234	504422.8	5410284.6
L4420.0	504422.8	5410284.6	45968.00000	308.72	0	48.845517	-86.939718	56094.64	56234	16.00	56110.64	56107.83203	56111.84405	56113.05078	504422.8	5410284.6
L4420.0	504422.8	5410286.0	45968.10156	308.21	0	48.845530	-86.939718	56096.06	56234	16.00	56112.06	56109.26563	56108.15728	56109.47656	504422.8	5410286.0
L4420.0	504422.8	5410287.8	45968.30078	308.32	0	48.845545	-86.939718	56098.13	56234	16.00	56114.13	56111.35156	56113.87864	56115.30859	504422.8	5410287.8
L4420.0	504422.8	5410287.8	45968.39844	308.91	0	48.845545	-86.939718	56099.95	56234	16.00	56115.95	56113.19141	56116.13312	56117.67578	504422.8	5410287.8
L4420.0	504422.8	5410289.3	45968.50000	310.00	0	48.845559	-86.939718	56101.91	56234	16.00	56117.91	56115.16797	56120.53805	56122.19922	504422.8	5410289.3
L4420.0	504422.8	5410291.0	45968.60156	309.01	0	48.845574	-86.939718	56103.70	56234	16.00	56119.70	56116.97656	56122.60985	56124.38672	504422.8	5410291.0
L4420.0	504422.8	5410292.2	45968.69922	308.52	0	48.845585	-86.939718	56105.54	56234	16.00	56121.54	56118.83594	56125.54174	56127.44141	504422.8	5410292.2
L4420.0	504422.8	5410292.2	45968.80078	306.94	0	48.845585	-86.939718	56107.32	56234	16.00	56123.32	56120.63672	56127.73242	56129.75000	504422.8	5410292.2
L4420.0	504422.8	5410294.1	45968.89844	308.75	0	48.845602	-86.939717	56109.29	56234	16.00	56125.29	56122.62891	56132.86711	56135.00781	504422.8	5410294.1
L4420.0	504422.9	5410296.1	45968.89844	308.66	0	48.845620	-86.939717	56110.86	56234	16.00	56126.86	56124.22266	56132.23930	56134.50391	504422.9	5410296.1
L4420.0	504422.9	5410297.4	45969.10156	309.53	0	48.845632	-86.939717	56112.66	56234	16.00	56128.66	56126.04297	56135.15994	56137.55078	504422.9	5410297.4
L4420.0	504422.9	5410297.4	45969.19922	308.83	0	48.845632	-86.939717	56114.17	56234	16.00	56130.18	56127.58984	56134.05056	56136.56641	504422.9	5410297.4
L4420.0	504422.9	5410299.0	45969.30078	308.41	0	48.845647	-86.939717	56115.86	56234	16.01	56131.87	56129.30469	56135.62213	56138.26563	504422.9	5410299.0
L4420.0	504422.9	5410301.0	45969.39844	310.85	0	48.845664	-86.939716	56117.74	56234	16.01	56133.75	56131.20703	56140.21302	56142.98828	504422.9	5410301.0
L4420.0	504422.9	5410301.0	45969.50000	308.55	0	48.845664	-86.939716	56119.43	56234	16.01	56135.44	56132.92188	56142.10871	56145.01563	504422.9	5410301.0
L4420.0	504422.9	5410303.0	45969.60156	306.80	0	48.845682	-86.939716	56120.93	56234	16.01	56136.94	56134.44922	56141.27935	56144.32031	504422.9	5410303.0
L4420.0	504423.0	5410304.7	45969.69922	306.54	0	48.845698	-86.939715	56122.34	56234	16.01	56138.35	56135.88672	56139.22154	56142.39844	504423.0	5410304.7
L4420.0	504423.0	5410304.7	45969.80078	307.43	0	48.845698	-86.939715	56124.17	56234	16.02	56140.18	56137.74609	56143.73403	56147.04297	504423.0	5410304.7
L4420.0	504423.0	5410306.4	45969.89844	309.75	0	48.845713	-86.939715	56125.84	56234	16.02	56141.85	56139.44141	56145.97669	56149.42578	504423.0	5410306.4
L4420.0	504423.0	5410306.4	45969.89844	309.91	0	48.845713	-86.939715	56127.65	56234	16.02	56143.67	56141.29297	56150.70718	56154.29297	504423.0	5410306.4
L4420.0	504423.0	5410308.3	45970.00000	309.02	0	48.845730	-86.939715	56128.87	56234	16.02	56144.89	56142.54297	56146.34219	56150.07031	504423.0	5410308.3
L4420.0	504423.0	5410309.9	45970.19922	308.52	0	48.845744	-86.939715	56130.51	56234	16.03	56146.53	56144.21094	56148.63115	56152.50000	504423.0	5410309.9
L4420.0	504423.0	5410309.9	45970.30078	308.24	0	48.845744	-86.939715	56132.23	56234	16.03	56148.26	56145.97266	56152.49829	56156.51172	504423.0	5410309.9
L4420.0	504423.0	5410311.6	45970.39844	310.23	0	48.845760	-86.939714	56133.75	56234	16.03	56149.78	56147.52344	56153.26968	56157.42578	504423.0	5410311.6
L4420.0	504423.1	5410313.5	45970.50000	311.84	0	48.845777	-86.939714	56135.42	56234	16.04	56151.46	56149.23438	56156.71251	56161.01563	504423.1	5410313.5
L4420.0	504423.1	5410314.6	45970.60156	310.48	0	48.845787	-86.939714	56137.14	56234	16.04	56153.18	56150.98438	56160.95813	56165.41016	504423.1	5410314.6
L4420.0	504423.1	5410316.4	45970.69922	310.08	0	48.845803	-86.939714	56138.75	56234	16.04	56154.79	56152.62891	56163.64862	56168.25000	504423.1	5410316.4
L4420.0	504423.1	5410316.4	45970.80078	308.96	0	48.845803	-86.939714	56140.02	56234	16.04	56156.07	56153.94141	56161.32557	56166.07422	504423.1	5410316.4
L4420.0	504423.1	5410317.9	45970.89844	310.79	0	48.845816	-86.939713	56141.94	56234	16.05	56157.99	56155.89063	56169.19629	56174.09766	504423.1	5410317.9
L4420.0	504423.1	5410317.9	45970.89844	308.91	0	48.845816	-86.939713	56143.14	56234	16.05	56159.18	56157.11719	56165.79205	56170.84375	504423.1	5410317.9
L4420.0	504423.1	5410319.9	45971.10156	307.86	0	48.845834	-86.939713	56144.45	56234	16.05	56160.50	56158.46875	56164.59927	56169.80859	504423.1	5410319.9
L4420.0	504423.2	5410321.2	45971.19922	307.42	0	48.845846	-86.939713	56146.07	56234	16.05	56162.11	56160.11328	56168.08309	56173.44531	504423.2	5410321.2
L4420.0	504423.2	5410322.6	45971.30078	308.74	0	48.845859	-86.939712	56147.73	56234	16.05	56163.78	56161.81641	56172.62885	56178.14844	504423.2	5410322.6
L4420.0	504423.2	5410322.6	45971.39844	310.96	0	48.845859	-86.939712	56149.08	56234	16.05	56165.12	56163.19141	56172.23600	56177.91016	504423.2	5410322.6
L4420.0	504423.2	5410324.1	45971.50000	309.34	0	48.845872	-86.939712	56150.62	56234	16.04	56166.67	56164.77344	56175.21494	56181.04688	504423.2	5410324.1
L4420.0	504423.2	5410325.4	45971.60156	307.87	0	48.845884	-86.939712	56151.94	56234	16.04	56167.98	56166.12109	56174.69783	56180.69141	504423.2	5410325.4
L4420.0	504423.2	5410327.2	45971.69922	309.69	0	48.845900	-86.939712	56153.50	56234	16.04	56169.54	56167.71484	56178.10020	56184.25391	504423.2	5410327.2
L4420.0	504423.3	5410328.6	45971.80078	309.24	0	48.845913	-86.939711	56154.74	56234	16.04	56170.78	56168.98828	56176.86962	56183.18359	504423.3	5410328.6
L4420.0	504423.3	5410328.6	45971.89844	310.28	0	48.845913	-86.939711	56156.02	56234	16.04	56172.06	56170.30469	56176.42508	56182.89844	504423.3	5410328.6
L4420.0	504423.3	5410329.9	45971.89844	308.56	0	48.845924	-86.939711	56157.57	56234	16.04	56173.61	56171.89063	56180.08299	56186.72266	504423.3	5410329.9
L4420.0	504423.3	5410331.4	45972.00000	306.99	0	48.845937	-86.939711	56158.92	56234	16.04	56174.96	56173.27734	56180.96994	56187.77344	504423.3	5410331.4
L4420.0	504423.3	5410331.4	45972.19922	307.34	0	48.845937	-86.939711	56160.36	56233.9	16.05	56176.41	56174.76172	56183.43572	56190.40234	504423.3	5410331.4
L4420.0	504423.3	5410333.4	45972.30078	309.07	0	48.845956	-86.939710	56161.72	56233.9	16.06	56177.77	56176.15625	56184.76317	56191.89453	504423.3	5410333.4
L4420.0	504423.3	5410334.7	45972.39844	308.85	0	48.845967	-86.939710	56163.22	56233.9	16.06	56179.28	56177.70313	56188.33484	56195.62891	504423.3	5410334.7
L4420.0	504423.3	5410336.1	45972.50000	307.32	0	48.845980	-86.939710	56164.32	56233.9	16.07	56180.39	56178.84766	56186.48639	56193.94922	504423.3	5410336.1
L4420.0	504423.4	5410337.6	45972.60156	306.91	0	48.845994	-86.939710	56165.73	56233.9	16.07	56181.80	56180.29297	56188.96374	56196.59375	504423.4	5410337.6
L4420.0	504423.4	5410337.6	45972.69922	308.16	0	48.845994	-86.939710	56166.95	56233.9	16.07	56183.03	56181.55859	56189.11709	56196.91406	504423.4	5410337.6
L4420.0	504423.4	5410339.3	45972.80078	310.03	0	48.846009	-86.939709	56168.38	56233.9	16.08	56184.46	56183.02344	56192.17347	56200.13672	504423.4	5410339.3
L4420.0	504423.4	5410339.3	45972.89844	307.86	0	48.846009	-86.939709	56169.62	56233.9	16.08	56185.71	56184.30859	56192.91978	56201.05078	504423.4	5410339.3
L4420.0	504423.4	5410341.3	45972.89844	305.86	0	48.846027	-86.939709	56170.73	56233.9	16.08	56186.81	56185.44531	56191.76011	56200.06250	504423.4	5410341.3
L4420.0	504423.4	5410342.6	45973.10156	305.99	0	48.846038	-86.939709	56172.15	56233.9	16.09	56188.24	56186.91016	56195.29878	56203.76953	504423.4	5410342.6
L4420.0	504423.4	5410344.3	45973.19922	306.13	0	48.846054	-86.939709	56173.43	56233.9	16.09	56189.53	56188.23438	56197.07420	56205.71484	504423.4	5410344.3
L4420.0	504423.4	5410344.3	45973.30078	307.32	0	48.846054	-86.939709	56174.83	56233.9	16.09	56190.92	56189.66016	56200.42084	56209.22656	504423.4	5410344.3
L4420.0	504423.4	5410346.5	45973.39844	306.87	0	48.846074	-86.939709	56176.16	56233.9	16.09	56192.26	56191.03516	56203.25727	56212.23438	504423.4	5410346.5
L4420.0	504423.4	5410347.7	45973.50000	307.16	0	48.846085	-86.939709	56177.34	56233.9	16.09	56193.43	56192.23828	56203.84747	56212.99219	504423.4	5410347.7
L4420.0	504423.4	5410349.5	45973.60156	307.57	0	48.846100	-86.939709	56178.50	56233.9	16.10	56194.60	56193.44141	56204.57659	56213.89453	504423.4	5410349.5
L4420.0	504423.4	5410349.5	45973.69922	310.21	0	48.846100	-86.939709	56179.68	56233.9	16.10	56195.78	56194.65625	56205.59017	56215.07813	504423.4	5410349.5
L4420.0	504423.4	5410351.0	45973.80078	310.04	0	48.846114	-86.939708	56180.83	56233.9	16.10	56196.93	56195.83984	56206.29979	56215.95313	504423.4	5410351.0
L4420.0	504423.5	5410353.5	45973.89844	309.03	0	48.846137	-86.939708	56182.06	56233.9	16.10	56198.16	56197.10547	56208.34276	56218.16797	504423.5	5410353.5
L4420.0	504423.5	5410355.0	45973.89844	309.13	0	48.846150	-86.939708	56183.20	56233.9	16.10	56199.30	56198.27734	56209.17901	56219.17188	504423.5	5410355.0
L4420.0	504423.5	5410355.0	45974.00000	309.29	0	48.846150	-86.939708	56184.32	56233.9	16.10	56200.42	56199.42969	56209.84025	56220.00391	504423.5	5410355.0
L4420.0	504423.5	5410356.6	45974.19922	309.57	0	48.846164	-86.939708	56185.53	56233.9	16.10	56201.63	56200.67578	56212.01720	56222.34766	504423.5	5410356.6
L4420.0	504423.5	5410357.8	45974.30078	311.21	0	48.846176	-86.939708	56186.61	56233.9	16.10	56202.71	56201.78906	56212.32134	56222.82031	504423.5	5410357.8
L4420.0	504423.5	5410357.8	45974.39844	310.41	0	48.846176	-86.939708	56187.61	56233.9	16.10	56203.71	56202.82031	56211.49668	56222.16406	504423.5	5410357.8
L4420.0	504423.5	5410359.6	45974.50000	310.74	0	48.846192	-86.939708	56188.92	56233.9	16.10	56205.02	56204.16406	56215.63753	56226.47266	504423.5	5410359.6

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4420.0	504423.5	5410361.2	45974.60156	310.22	0	48.846205	-86.939708	56189.92	56233.9	16.11	56206.03	56205.20313	56215.20869	56226.21094	504423.5	5410361.2
L4420.0	504423.5	5410361.2	45974.69922	309.60	0	48.846205	-86.939708	56190.91	56233.9	16.11	56207.02	56206.22656	56214.58304	56225.75391	504423.5	5410361.2
L4420.0	504423.5	5410363.2	45974.80078	310.56	0	48.846224	-86.939708	56191.83	56233.9	16.11	56207.94	56207.17969	56212.99338	56224.32813	504423.5	5410363.2
L4420.0	504423.5	5410364.9	45974.89844	309.79	0	48.846240	-86.939708	56192.97	56233.9	16.11	56209.08	56208.34766	56214.95587	56226.45703	504423.5	5410364.9
L4420.0	504423.5	5410366.9	45974.89844	309.33	0	48.846257	-86.939708	56194.08	56233.9	16.11	56210.19	56209.48828	56216.55809	56228.22266	504423.5	5410366.9
L4420.0	504423.5	5410366.9	45975.00000	308.29	0	48.846257	-86.939708	56195.16	56233.9	16.11	56211.27	56210.60156	56217.80495	56229.63672	504423.5	5410366.9
L4420.0	504423.5	5410368.2	45975.19922	308.94	0	48.846269	-86.939708	56196.36	56233.9	16.11	56212.47	56211.83203	56220.95082	56232.94531	504423.5	5410368.2
L4420.0	504423.5	5410368.2	45975.30078	308.99	0	48.846269	-86.939708	56197.39	56233.9	16.11	56213.51	56212.90234	56221.79015	56233.94531	504423.5	5410368.2
L4420.0	504423.5	5410370.2	45975.39844	308.17	0	48.846287	-86.939708	56198.72	56233.9	16.11	56214.84	56214.26172	56226.95087	56239.26953	504423.5	5410370.2
L4420.0	504423.5	5410371.7	45975.50000	307.51	0	48.846300	-86.939708	56199.74	56233.9	16.11	56215.86	56215.30859	56227.66813	56240.14453	504423.5	5410371.7
L4420.0	504423.5	5410373.7	45975.60156	305.86	0	48.846318	-86.939708	56200.81	56233.9	16.12	56216.93	56216.41016	56229.21029	56241.84766	504423.5	5410373.7
L4420.0	504423.5	5410373.7	45975.69922	306.85	0	48.846318	-86.939708	56201.52	56233.9	16.12	56217.64	56217.14844	56225.85599	56238.65234	504423.5	5410373.7
L4420.0	504423.4	5410375.0	45975.80078	305.20	0	48.846330	-86.939708	56202.63	56233.9	16.12	56218.74	56218.27344	56228.07544	56241.02734	504423.4	5410375.0
L4420.0	504423.4	5410376.8	45975.89844	304.72	0	48.846346	-86.939708	56203.68	56233.9	16.12	56219.80	56219.36328	56229.75907	56242.86719	504423.4	5410376.8
L4420.0	504423.4	5410378.3	45975.89844	303.65	0	48.846360	-86.939709	56204.53	56233.9	16.12	56220.65	56220.24219	56226.60230	56239.86719	504423.4	5410378.3
L4420.0	504423.4	5410378.3	45976.00000	303.12	0	48.846360	-86.939709	56205.48	56233.9	16.12	56221.60	56221.21875	56226.80021	56240.21875	504423.4	5410378.3
L4420.0	504423.4	5410380.6	45976.19922	306.30	0	48.846381	-86.939709	56206.45	56233.9	16.12	56222.57	56222.21484	56227.89467	56241.46875	504423.4	5410380.6
L4420.0	504423.4	5410380.6	45976.30078	306.64	0	48.846381	-86.939709	56207.58	56233.9	16.12	56223.70	56223.37109	56233.94509	56247.66797	504423.4	5410380.6
L4420.0	504423.4	5410382.1	45976.39844	305.60	0	48.846394	-86.939709	56208.27	56233.9	16.12	56224.39	56224.08594	56227.36655	56241.24219	504423.4	5410382.1
L4420.0	504423.3	5410383.9	45976.39844	306.09	0	48.846410	-86.939710	56209.43	56233.9	16.12	56225.55	56225.27344	56234.78621	56248.80859	504423.3	5410383.9
L4420.0	504423.3	5410385.2	45976.50000	306.46	0	48.846421	-86.939710	56210.31	56233.9	16.12	56226.43	56226.17969	56234.23996	56248.41016	504423.3	5410385.2
L4420.0	504423.3	5410385.2	45976.60156	306.70	0	48.846421	-86.939710	56211.24	56233.9	16.12	56227.36	56227.13281	56235.39152	56249.71094	504423.3	5410385.2
L4420.0	504423.3	5410386.7	45976.69922	305.79	0	48.846435	-86.939710	56212.23	56233.9	16.12	56228.35	56228.14844	56238.57158	56253.03516	504423.3	5410386.7
L4420.0	504423.3	5410388.3	45976.80078	305.70	0	48.846450	-86.939710	56213.14	56233.9	16.12	56229.26	56229.08203	56239.62567	56254.23047	504423.3	5410388.3
L4420.0	504423.3	5410389.6	45976.89844	305.37	0	48.846462	-86.939711	56213.98	56233.9	16.12	56230.10	56229.94531	56239.03772	56253.78516	504423.3	5410389.6
L4420.0	504423.3	5410389.6	45977.00000	307.91	0	48.846462	-86.939711	56214.85	56233.9	16.12	56230.97	56230.83984	56239.69198	56254.57813	504423.3	5410389.6
L4420.0	504423.2	5410392.0	45977.10156	309.04	0	48.846483	-86.939711	56215.77	56233.9	16.12	56231.89	56231.78125	56241.15471	56256.17969	504423.2	5410392.0
L4420.0	504423.2	5410393.6	45977.19922	307.82	0	48.846497	-86.939711	56216.66	56233.9	16.12	56232.78	56232.69531	56242.31808	56257.48047	504423.2	5410393.6
L4420.0	504423.2	5410393.6	45977.30078	309.99	0	48.846497	-86.939711	56217.63	56233.9	16.12	56233.75	56233.68750	56244.74076	56260.03906	504423.2	5410393.6
L4420.0	504423.2	5410395.2	45977.39844	310.41	0	48.846512	-86.939711	56218.29	56233.9	16.12	56234.41	56234.37109	56242.83394	56258.26563	504423.2	5410395.2
L4420.0	504423.2	5410395.2	45977.50000	311.40	0	48.846512	-86.939711	56219.14	56233.9	16.12	56235.26	56235.24219	56243.74857	56259.31250	504423.2	5410395.2
L4420.0	504423.2	5410397.0	45977.60156	310.18	0	48.846528	-86.939712	56219.93	56233.9	16.12	56236.05	56236.05078	56243.89422	56259.58594	504423.2	5410397.0
L4420.0	504423.2	5410398.5	45977.69922	308.81	0	48.846541	-86.939712	56220.94	56233.9	16.12	56237.06	56237.08203	56247.37633	56263.19531	504423.2	5410398.5
L4420.0	504423.2	5410400.3	45977.80078	310.11	0	48.846557	-86.939712	56221.72	56233.9	16.12	56237.84	56237.88281	56247.58703	56263.53516	504423.2	5410400.3
L4420.0	504423.1	5410401.7	45977.89844	308.32	0	48.846571	-86.939712	56222.52	56233.9	16.12	56238.64	56238.70313	56248.18789	56264.25781	504423.1	5410401.7
L4420.0	504423.1	5410403.5	45978.00000	308.19	0	48.846586	-86.939712	56223.31	56233.9	16.12	56239.43	56239.51172	56248.73745	56264.93359	504423.1	5410403.5
L4420.0	504423.1	5410403.5	45978.10156	308.97	0	48.846586	-86.939712	56224.18	56233.9	16.12	56240.31	56240.41406	56250.71204	56267.02734	504423.1	5410403.5
L4420.0	504423.1	5410405.0	45978.19922	306.35	0	48.846600	-86.939712	56225.04	56233.9	16.12	56241.16	56241.28125	56252.33591	56268.76953	504423.1	5410405.0
L4420.0	504423.1	5410405.0	45978.30078	308.12	0	48.846600	-86.939712	56225.75	56233.9	16.12	56241.87	56242.01172	56252.01269	56268.56250	504423.1	5410405.0
L4420.0	504423.1	5410407.1	45978.50000	309.36	0	48.846619	-86.939712	56226.61	56233.9	16.13	56242.74	56242.89844	56254.11265	56270.77734	504423.1	5410407.1
L4420.0	504423.1	5410409.2	45978.50000	310.13	0	48.846638	-86.939713	56227.34	56233.9	16.13	56243.46	56243.63672	56254.14751	56270.92578	504423.1	5410409.2
L4420.0	504423.1	5410409.2	45978.60156	308.95	0	48.846638	-86.939713	56228.35	56233.9	16.13	56244.48	56244.67188	56258.53256	56275.42188	504423.1	5410409.2
L4420.0	504423.1	5410410.7	45978.80078	307.30	0	48.846651	-86.939713	56228.78	56233.9	16.13	56244.91	56245.12109	56254.69859	56271.69531	504423.1	5410410.7
L4420.0	504423.1	5410412.2	45978.80078	307.66	0	48.846664	-86.939713	56229.46	56233.9	16.13	56245.59	56245.81641	56254.51838	56271.62109	504423.1	5410412.2
L4420.0	504423.1	5410412.2	45978.89844	308.32	0	48.846664	-86.939713	56230.21	56233.9	16.13	56246.34	56246.58203	56253.23663	56270.44531	504423.1	5410412.2
L4420.0	504423.1	5410414.4	45979.00000	308.94	0	48.846684	-86.939713	56230.95	56233.9	16.13	56247.08	56247.33984	56254.54307	56271.85547	504423.1	5410414.4
L4420.0	504423.1	5410415.7	45979.10156	306.85	0	48.846697	-86.939713	56231.79	56233.9	16.13	56247.92	56248.19531	56259.04102	56276.45313	504423.1	5410415.7
L4420.0	504423.1	5410415.7	45979.19922	306.01	0	48.846697	-86.939713	56232.39	56233.9	16.13	56248.51	56248.80078	56256.38814	56273.89844	504423.1	5410415.7
L4420.0	504423.1	5410417.5	45979.30078	305.95	0	48.846712	-86.939713	56233.19	56233.9	16.12	56249.31	56249.61719	56260.12444	56277.73047	504423.1	5410417.5
L4420.0	504423.0	5410419.3	45979.39844	306.01	0	48.846729	-86.939713	56233.66	56233.9	16.12	56249.78	56250.10156	56254.54574	56272.24609	504423.0	5410419.3
L4420.0	504423.0	5410419.3	45979.60156	308.29	0	48.846729	-86.939713	56234.45	56233.9	16.12	56250.56	56250.89453	56258.16577	56275.96094	504423.0	5410419.3
L4420.0	504423.0	5410421.0	45979.60156	309.40	0	48.846744	-86.939713	56234.93	56233.9	16.12	56251.05	56251.39844	56253.71159	56271.59766	504423.0	5410421.0
L4420.0	504423.0	5410422.6	45979.80078	305.58	0	48.846758	-86.939713	56235.86	56233.9	16.11	56251.97	56252.33203	56261.82991	56279.80078	504423.0	5410422.6
L4420.0	504423.0	5410424.4	45979.89844	304.78	0	48.846774	-86.939713	56236.61	56233.9	16.11	56252.72	56253.09375	56265.35679	56283.41406	504423.0	5410424.4
L4420.0	504423.0	5410424.4	45979.89844	302.64	0	48.846774	-86.939713	56237.13	56233.9	16.11	56253.24	56253.62891	56262.53378	56280.67578	504423.0	5410424.4
L4420.0	504423.0	5410426.2	45980.00000	304.75	0	48.846791	-86.939713	56237.85	56233.9	16.11	56253.96	56254.35938	56265.74210	56283.96484	504423.0	5410426.2
L4420.0	504423.0	5410427.8	45980.00000	304.75	0	48.846805	-86.939714	56238.42	56233.9	16.11	56254.53	56254.94141	56264.82498	56283.12891	504423.0	5410427.8
L4420.0	504423.0	5410427.8	45980.19922	305.77	0	48.846805	-86.939714	56238.97	56233.9	16.11	56255.08	56255.50391	56263.48935	56281.87109	504423.0	5410427.8
L4420.0	504423.0	5410430.2	45980.30078	305.77	0	48.846826	-86.939714	56239.65	56233.9	16.11	56255.76	56256.19531	56266.19300	56284.64844	504423.0	5410430.2
L4420.0	504423.0	5410430.2	45980.39844	310.52	0	48.846826	-86.939714	56240.18	56233.9	16.11	56256.29	56256.73828	56264.54487	56283.07422	504423.0	5410430.2
L4420.0	504422.9	5410431.7	45980.50000	312.03	0	48.846840	-86.939714	56240.85	56233.9	16.12	56256.97	56257.42578	56266.24655	56284.84766	504422.9	5410431.7
L4420.0	504422.9	5410433.8	45980.69922	309.78	0	48.846859	-86.939715	56241.28	56233.9	16.12	56257.40	56257.86719	56264.53044	56283.19922	504422.9	5410433.8
L4420.0	504422.9	5410433.8	45980.80078	309.00	0	48.846859	-86.939715	56241.83	56233.9	16.12	56257.95	56258.42578	56264.55861	56283.29688	504422.9	5410433.8
L4420.0	504422.9	5410435.6	45980.89844	308.05	0	48.846875	-86.939715	56242.59	56233.9	16.12	56258.71	56259.19922	56267.71873	56286.51953	504422.9	5410435.6
L4420.0	504422.8	5410437.6	45980.89844	307.96	0	48.846893	-86.939716	56243.00	56233.9	16.12	56259.11	56259.60547	56265.71357	56284.57813	504422.8	5410437.6
L4420.0	504422.8	5410437.6	45981.10156	309.57	0	48.846893	-86.939716	56243.86	56233.9	16.12	56259.98	56260.48438	56270.75522	56289.68359	504422.8	5410437.6
L4420.0	504422.8	5410439.0	45981.19922	309.41	0	48.846906	-86.939716	56244.43	56233.9	16.12	56260.55	56261.06641	56271.43854	56290.42578	504422.8	5410439.0
L4420.0	504422.8	5410441.1	45981.30078	310.30	0	48.846924	-86.939716	56244.98	56233.9	16.11	56261.09	56261.61328	56271.73637	56290.77734	504422.8	5410441.1
L4420.0	504422.8	5410441.1	45981.39844	309.87	0	48.846924	-86.939716	56245.63	56233.9	16.11	56261.74	56262.26953	56273.78121	56292.87891	504422.8	5410441.1
L4420.0	504422.8	5410442.8	45981.50000	311.83	0	48.846940	-86.939716	56246.16	56233.9	16.11	56262.27	56262.80859	56274.05065	56293.19922	504422.8	5410442.8
L4420.0	504422.8	5410442.8	45981.60156	310.88	0	48.846940	-86.939716	56246.86	56233.9	16.11	56262.97	56263.51563	56276.98303	56296.18359	504422.8	5410442.8
L4420.0	504422.8	5410444.8	45981.69922	308.57	0	48.846958	-86.939716	56247.36	56233.9	16.11	56263.46	56264.01172	56276.74660	56295.99609	504422.8	5410444.8
L4420.0	504422.8	5410446.5	45981.80078	308.76	0	48.846973	-86.939716	56248.00	56233.9	16.10	56264.11	56264.67188	56279.00957	56298.30469	504422.8	5410446.5
L4420.0	504422.8	5410446.5	45981.89844	309.53	0	48.846973	-86.939716	56248.34	56233.9	16.10	56264.44	56265.00781	56276.48468	56295.82813	504422.8	5410446.5
L4420.0	504422.8	5410448.9	45981.89844	309.45	0	48.846995	-86.939717	56248.87	56233.9	16.10	56264.97	56265.54297	56277.06886	56296.45313	504422.8	5410448.9
L4420.0	504422.8	5410450.2	45982.00000	309.87	0	48.847006	-86.939717	56249.07	56233.9	16.10	56265.17	56265.75000	56272.86220	56292.28906	504422.8	5410450.2
L4420.0	504422.7	5410451.7	45982.19922	309.70	0	48.847020	-86.939717	56249.61	56233.9	16.10	56265.71	56266.29297	56273.79907	56293.26563	504422.7	5410451.7
L4420.0	504422.7	5410451.7	45982.30078	307.49	0	48.847020	-86.939717	56250.02	56233.9	16.10	56266.12	56266.71094	56272.94329	56292.44922	504422.7	5410451.7
L4420.0	504422.7	5410454.1	45982.39844	308.44	0	48.847042	-86.939717	56250.86	56233.9	16.10	56266.96	56267.55469	56278.30090	56297.83984	504422.7	5410454.1
L4420.0	504422.7	5410454.1	45982.50000	309.91	0	48.847042	-86.939717	56251.12	56233.9	16.10	56267.22	56267.82031	56275.51272	56295.08594	504422.7	5410454.1
L4420.0	504422.7	5410456.0	45982.60156	308.97	0	48.847058	-86.939718	56251.68	56233.9	16.10	56267.78	56268.38281	56277.04122	56296.64844	504422.7	5410456.0
L4420.0	504422.7	5410457.1	45982.69922	307.72	0	48.847069	-86.939718	56252.28	56233.9	16.10	56268.38	56268.98828	56279.18652	56298.82422	504422.7	5410457.1
L4420.0	504422.7	5410457.1	45982.80078	305.93	0	48.847069	-86.939718	56252.59	56233.9	16.10	56268.69	56269.30078	56277.88970	56297.55469	504422.7	5410457.1
L4420.0	504422.7	5410459.0	45982.80078	304.78	0	48.847086	-86.939718	56252.98	56233.9	16.10	56269.08	56269.69531	56276.23729	56295.92969	504422.7	5410459.0
L4420.0	504422.7	5410460.4	45982.89844	304.00	0	48.847098	-86.939718	56253.40	56233.9	16.10	56269.50	56270.11719	56275.59132	56295.31250	504422.7	5410460.4
L4420.0	504422.7	5410460.4	45983.10156	307.50	0	48.847098	-86.939718	56253.92	56233.9	16.10	56270.02	56270.64063	56278.02657	56297.76953	504422.7	5410460.4
L4420.0	504422.7	5410462.4	45983.19922	305.50	0	48.847116	-86.939718	56254.46	56233.9	16.10	56270.56	56271.18359	56281.19717	56300.96484	504422.7	5410462.4
L4420.0	504422.7	5410464.2	45983.30078	303.46	0	48.847133	-86.939718	56254.76	56233.9	16.10	56270.86	56271.48828	56277.47179	56297.25781	504422.7	5410464.2
L4420.0	504422.7	5410464.2	45983.39844	306.09	0	48.847133	-86.939718	56255.31	56233.9	16.10	56271.41	56272.03906	56281.34963	56301.15625	504422.7	5410464.2
L4420.0	504422.7	5410466.2	45983.50000	306.94	0	48.847150	-86.939718	56255.81	56233.9	16.10	56271.91	56272.53906	56284.00830	56303.83203	504422.7	5410466.2
L4420.0	504422.7	5410468.1	45983.60156	308.04	0	48.847167	-86.939718	56256.04	56233.9	16.11	56272.15	56272.78125	56279.16334	56299.00391	504422.7	5410468.1
L4420.0	504422.7	5410468.1	45983.69922	308.42	0	48.847167	-86.939718	56256.40	56233.9	16.11	56272.51	56273.14453	56278.11902	56297.97656	504422.7	5410468.1
L4420.0	504422.7	5410469.9	45983.80078	309.07	0	48.847183	-86.939718	56256.77	56233.9	16.11	56272.88	56273.51563	56280.47141	56300.33984	504422.7	5410469.9

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4420.0	504422.7	5410471.7	45983.89844	310.92	0	48.847200	-86.939717	56257.29	56233.9	16.11	56273.39	56274.02734	56282.47240	56302.35547	504422.7	5410471.7
L4420.0	504422.7	5410471.7	45983.89844	311.93	0	48.847200	-86.939717	56257.86	56233.9	16.11	56273.97	56274.60547	56285.53523	56305.42969	504422.7	5410471.7
L4420.0	504422.7	5410473.3	45984.00000	309.72	0	48.847214	-86.939717	56258.08	56233.9	16.11	56274.19	56274.82813	56283.67304	56303.57422	504422.7	5410473.3
L4420.0	504422.7	5410473.3	45984.10156	309.42	0	48.847214	-86.939717	56258.51	56233.9	16.10	56274.62	56275.25781	56284.79760	56304.70703	504422.7	5410473.3
L4420.0	504422.7	5410475.4	45984.19922	308.42	0	48.847233	-86.939717	56258.90	56233.9	16.10	56275.00	56275.63672	56285.28348	56305.19922	504422.7	5410475.4
L4420.0	504422.7	5410476.5	45984.39844	307.74	0	48.847243	-86.939717	56259.16	56233.9	16.09	56275.24	56275.87500	56283.82885	56303.75391	504422.7	5410476.5
L4420.0	504422.8	5410478.6	45984.50000	309.37	0	48.847262	-86.939716	56259.43	56233.9	16.08	56275.51	56276.14453	56282.83512	56302.76172	504422.8	5410478.6
L4420.0	504422.8	5410478.6	45984.60156	309.14	0	48.847262	-86.939716	56259.77	56233.9	16.07	56275.84	56276.47656	56282.73992	56302.67188	504422.8	5410478.6
L4420.0	504422.8	5410480.4	45984.69922	307.22	0	48.847278	-86.939716	56260.40	56233.9	16.07	56276.47	56277.10547	56287.01787	56306.95313	504422.8	5410480.4
L4420.0	504422.8	5410482.0	45984.69922	309.04	0	48.847292	-86.939716	56260.56	56233.9	16.07	56276.62	56277.25391	56284.42881	56304.36328	504422.8	5410482.0
L4420.0	504422.8	5410482.0	45984.89844	307.11	0	48.847292	-86.939716	56260.84	56233.9	16.06	56276.90	56277.53125	56283.76374	56303.69922	504422.8	5410482.0
L4420.0	504422.8	5410483.8	45984.89844	308.68	0	48.847309	-86.939716	56261.39	56233.9	16.06	56277.45	56278.08203	56287.05138	56306.98438	504422.8	5410483.8
L4420.0	504422.8	5410485.2	45985.00000	308.72	0	48.847321	-86.939716	56261.89	56233.9	16.05	56277.94	56278.57031	56289.52606	56309.45703	504422.8	5410485.2
L4420.0	504422.8	5410486.7	45985.19922	306.35	0	48.847335	-86.939716	56261.95	56233.9	16.05	56278.01	56278.63672	56285.99149	56305.92188	504422.8	5410486.7
L4420.0	504422.8	5410486.7	45985.30078	306.53	0	48.847335	-86.939716	56262.27	56233.9	16.05	56278.32	56278.94531	56285.97966	56305.90625	504422.8	5410486.7
L4420.0	504422.8	5410488.5	45985.39844	306.16	0	48.847351	-86.939716	56262.75	56233.9	16.05	56278.80	56279.42578	56288.48040	56308.40234	504422.8	5410488.5
L4420.0	504422.8	5410489.9	45985.39844	307.35	0	48.847364	-86.939716	56263.11	56233.9	16.05	56279.16	56279.78125	56289.30841	56309.22266	504422.8	5410489.9
L4420.0	504422.8	5410489.9	45985.60156	307.83	0	48.847364	-86.939716	56263.26	56233.9	16.06	56279.31	56279.92969	56287.15912	56307.07031	504422.8	5410489.9
L4420.0	504422.8	5410491.7	45985.60156	307.18	0	48.847379	-86.939716	56263.57	56233.9	16.06	56279.63	56280.24609	56287.52502	56307.42969	504422.8	5410491.7
L4420.0	504422.8	5410492.9	45985.80078	307.61	0	48.847391	-86.939716	56263.87	56233.9	16.06	56279.93	56280.54297	56287.65975	56307.55469	504422.8	5410492.9
L4420.0	504422.8	5410494.6	45985.89844	309.35	0	48.847406	-86.939716	56264.23	56233.9	16.06	56280.29	56280.90234	56288.72634	56308.61328	504422.8	5410494.6
L4420.0	504422.8	5410494.6	45985.89844	311.06	0	48.847406	-86.939716	56264.70	56233.9	16.06	56280.75	56281.35938	56291.31978	56311.19531	504422.8	5410494.6
L4420.0	504422.8	5410496.3	45986.00000	309.85	0	48.847421	-86.939716	56264.97	56233.9	16.06	56281.03	56281.63672	56291.34966	56311.21484	504422.8	5410496.3
L4420.0	504422.8	5410497.8	45986.19922	308.82	0	48.847434	-86.939716	56264.99	56233.9	16.06	56281.05	56281.65234	56287.59880	56307.45313	504422.8	5410497.8
L4420.0	504422.8	5410497.8	45986.30078	309.09	0	48.847434	-86.939716	56265.46	56233.9	16.06	56281.51	56282.10938	56290.38976	56310.23438	504422.8	5410497.8
L4420.0	504422.7	5410499.3	45986.30078	311.45	0	48.847448	-86.939716	56265.82	56233.9	16.06	56281.87	56282.46875	56291.77085	56311.60156	504422.7	5410499.3
L4420.0	504422.7	5410501.1	45986.50000	312.70	0	48.847464	-86.939717	56266.04	56233.9	16.06	56282.10	56282.69531	56291.26685	56311.08594	504422.7	5410501.1
L4420.0	504422.7	5410502.9	45986.50000	311.40	0	48.847480	-86.939717	56266.54	56233.9	16.06	56282.59	56283.17969	56294.72230	56314.52734	504422.7	5410502.9
L4420.0	504422.7	5410504.3	45986.60156	308.80	0	48.847493	-86.939717	56266.68	56233.9	16.05	56282.73	56283.31641	56292.95443	56312.74609	504422.7	5410504.3
L4420.0	504422.7	5410504.3	45986.80078	307.59	0	48.847493	-86.939717	56266.81	56233.9	16.05	56282.86	56283.44141	56291.05993	56310.83984	504422.7	5410504.3
L4420.0	504422.7	5410505.8	45986.80078	308.58	0	48.847507	-86.939717	56266.99	56233.9	16.05	56283.04	56283.62109	56289.95520	56309.71875	504422.7	5410505.8
L4420.0	504422.7	5410505.8	45986.89844	310.26	0	48.847507	-86.939717	56267.26	56233.9	16.05	56283.31	56283.88672	56290.26304	56310.01172	504422.7	5410505.8
L4420.0	504422.7	5410507.3	45987.00000	309.73	0	48.847520	-86.939717	56267.53	56233.9	16.05	56283.58	56284.15234	56290.61540	56310.34766	504422.7	5410507.3
L4420.0	504422.7	5410509.6	45987.10156	306.94	0	48.847541	-86.939717	56267.91	56234	16.04	56283.95	56284.51953	56292.54924	56312.26563	504422.7	5410509.6
L4420.0	504422.7	5410511.1	45987.19922	307.38	0	48.847555	-86.939717	56268.28	56234	16.04	56284.32	56284.88281	56294.53333	56314.23438	504422.7	5410511.1
L4420.0	504422.7	5410512.7	45987.30078	309.10	0	48.847569	-86.939717	56268.37	56234	16.03	56284.40	56284.96094	56292.08652	56311.76953	504422.7	5410512.7
L4420.0	504422.7	5410512.7	45987.39844	309.90	0	48.847569	-86.939717	56268.82	56234	16.03	56284.85	56285.40625	56295.40197	56315.06641	504422.7	5410512.7
L4420.0	504422.7	5410514.0	45987.50000	308.08	0	48.847580	-86.939717	56268.90	56234	16.02	56284.92	56285.47266	56292.86449	56312.51172	504422.7	5410514.0
L4420.0	504422.7	5410515.6	45987.60156	308.97	0	48.847594	-86.939717	56269.27	56234	16.01	56285.28	56285.82813	56294.86316	56314.49219	504422.7	5410515.6
L4420.0	504422.7	5410517.0	45987.69922	308.12	0	48.847607	-86.939717	56269.46	56234	16.01	56285.47	56286.01563	56294.24479	56313.85547	504422.7	5410517.0
L4420.0	504422.7	5410517.0	45987.80078	308.83	0	48.847607	-86.939717	56269.56	56234	16.00	56285.57	56286.11328	56292.24290	56311.83594	504422.7	5410517.0
L4420.0	504422.6	5410518.8	45987.89844	312.18	0	48.847624	-86.939718	56269.98	56234	16.00	56285.97	56286.50781	56294.95462	56314.52734	504422.6	5410518.8
L4420.0	504422.6	5410518.8	45988.00000	310.88	0	48.847624	-86.939718	56270.25	56234	15.99	56286.24	56286.77344	56295.65595	56315.21094	504422.6	5410518.8
L4420.0	504422.6	5410520.8	45988.10156	311.48	0	48.847642	-86.939718	56270.62	56234	15.99	56286.61	56287.14063	56297.94043	56317.47656	504422.6	5410520.8
L4420.0	504422.6	5410522.4	45988.30078	309.88	0	48.847656	-86.939718	56270.82	56234	15.99	56286.81	56287.33594	56297.57993	56317.09766	504422.6	5410522.4
L4420.0	504422.6	5410523.7	45988.30078	311.49	0	48.847668	-86.939718	56270.88	56234	15.99	56286.88	56287.40234	56295.20542	56314.70313	504422.6	5410523.7
L4420.0	504422.6	5410525.0	45988.39844	311.19	0	48.847680	-86.939718	56271.07	56234	15.99	56287.07	56287.58984	56294.72395	56314.20313	504422.6	5410525.0
L4420.0	504422.6	5410525.0	45988.50000	309.04	0	48.847680	-86.939718	56271.22	56234	16.00	56287.22	56287.73438	56293.63696	56313.09375	504422.6	5410525.0
L4420.0	504422.6	5410527.0	45988.60156	308.82	0	48.847697	-86.939719	56271.43	56234	16.00	56287.42	56287.92969	56293.34478	56312.78125	504422.6	5410527.0
L4420.0	504422.6	5410529.2	45988.69922	309.23	0	48.847717	-86.939719	56271.73	56234	16.00	56287.73	56288.23828	56294.76775	56314.18750	504422.6	5410529.2
L4420.0	504422.6	5410530.4	45988.80078	309.11	0	48.847728	-86.939719	56271.96	56234	16.00	56287.96	56288.46484	56294.96129	56314.35938	504422.6	5410530.4
L4420.0	504422.6	5410530.4	45988.89844	306.58	0	48.847728	-86.939719	56272.14	56234	16.00	56288.14	56288.64063	56294.39905	56313.77734	504422.6	5410530.4
L4420.0	504422.6	5410532.2	45989.00000	305.16	0	48.847744	-86.939719	56272.48	56234	16.00	56288.48	56288.97656	56296.30143	56315.66016	504422.6	5410532.2
L4420.0	504422.5	5410534.0	45989.19922	305.15	0	48.847761	-86.939719	56272.70	56234	15.99	56288.69	56289.18359	56296.22236	56315.55859	504422.5	5410534.0
L4420.0	504422.5	5410534.0	45989.30078	308.65	0	48.847761	-86.939719	56273.06	56234	15.99	56289.05	56289.53906	56298.43779	56317.75391	504422.5	5410534.0
L4420.0	504422.5	5410535.9	45989.30078	308.53	0	48.847777	-86.939719	56273.14	56234	15.99	56289.13	56289.61719	56296.41160	56315.71094	504422.5	5410535.9
L4420.0	504422.5	5410537.3	45989.39844	310.16	0	48.847790	-86.939719	56273.24	56234	15.98	56289.23	56289.71484	56294.71294	56313.99219	504422.5	5410537.3
L4420.0	504422.5	5410537.3	45989.50000	308.18	0	48.847790	-86.939719	56273.73	56234	15.98	56289.71	56290.19141	56298.78487	56318.04297	504422.5	5410537.3
L4420.0	504422.5	5410538.8	45989.69922	305.68	0	48.847803	-86.939719	56273.64	56234	15.97	56289.61	56290.08984	56294.09483	56313.33203	504422.5	5410538.8
L4420.0	504422.5	5410540.5	45989.69922	306.64	0	48.847818	-86.939719	56274.04	56234	15.97	56290.01	56290.48438	56296.99392	56316.21094	504422.5	5410540.5
L4420.0	504422.5	5410541.8	45989.80078	308.13	0	48.847830	-86.939719	56274.34	56234	15.97	56290.31	56290.78125	56298.40286	56317.60156	504422.5	5410541.8
L4420.0	504422.5	5410541.8	45989.89844	310.48	0	48.847830	-86.939719	56274.49	56234	15.96	56290.45	56290.92188	56297.39457	56316.57422	504422.5	5410541.8
L4420.0	504422.5	5410543.6	45990.00000	310.46	0	48.847847	-86.939720	56274.75	56234	15.96	56290.71	56291.17578	56298.23390	56317.39453	504422.5	5410543.6
L4420.0	504422.5	5410544.8	45990.10156	307.85	0	48.847858	-86.939720	56275.10	56234	15.96	56291.06	56291.52344	56300.48326	56319.62109	504422.5	5410544.8
L4420.0	504422.5	5410546.4	45990.30078	307.78	0	48.847872	-86.939720	56275.20	56234	15.96	56291.16	56291.62109	56298.88959	56318.00781	504422.5	5410546.4
L4420.0	504422.5	5410546.4	45990.30078	308.38	0	48.847872	-86.939720	56275.41	56234	15.96	56291.37	56291.83203	56299.00404	56318.10547	504422.5	5410546.4
L4420.0	504422.4	5410548.2	45990.50000	309.73	0	48.847888	-86.939720	56275.72	56234	15.96	56291.68	56292.13672	56300.69535	56319.77734	504422.4	5410548.2
L4420.0	504422.4	5410550.1	45990.50000	309.36	0	48.847905	-86.939720	56275.86	56234	15.96	56291.82	56292.27734	56299.72966	56318.79297	504422.4	5410550.1
L4420.0	504422.4	5410550.1	45990.60156	309.17	0	48.847905	-86.939720	56276.02	56234	15.96	56291.98	56292.43359	56299.07469	56318.11719	504422.4	5410550.1
L4420.0	504422.4	5410551.5	45990.69922	308.93	0	48.847918	-86.939720	56276.23	56234	15.96	56292.19	56292.64063	56299.20836	56318.23438	504422.4	5410551.5
L4420.0	504422.4	5410551.5	45990.80078	310.91	0	48.847918	-86.939720	56276.66	56234	15.96	56292.62	56293.07031	56302.81434	56321.82031	504422.4	5410551.5
L4420.0	504422.4	5410553.3	45990.89844	310.95	0	48.847934	-86.939720	56276.74	56234	15.96	56292.70	56293.14844	56300.89086	56319.87891	504422.4	5410553.3
L4420.0	504422.4	5410555.1	45991.00000	310.14	0	48.847950	-86.939720	56276.96	56234	15.96	56292.92	56293.36719	56301.17601	56320.14844	504422.4	5410555.1
L4420.0	504422.4	5410556.6	45991.10156	310.46	0	48.847963	-86.939720	56277.04	56234	15.96	56293.00	56293.44531	56299.28461	56318.23828	504422.4	5410556.6
L4420.0	504422.4	5410556.6	45991.19922	310.12	0	48.847963	-86.939720	56277.40	56234	15.95	56293.35	56293.79688	56301.59228	56320.52734	504422.4	5410556.6
L4420.0	504422.4	5410558.6	45991.30078	310.76	0	48.847982	-86.939720	56277.58	56234.1	15.95	56293.53	56293.97266	56301.27215	56320.19141	504422.4	5410558.6
L4420.0	504422.4	5410560.4	45991.39844	311.33	0	48.847998	-86.939720	56277.66	56234.1	15.94	56293.60	56294.04297	56299.30928	56318.21094	504422.4	5410560.4
L4420.0	504422.4	5410560.4	45991.50000	309.07	0	48.847998	-86.939720	56277.86	56234.1	15.94	56293.80	56294.24219	56299.34559	56318.23047	504422.4	5410560.4
L4420.0	504422.4	5410562.4	45991.60156	307.32	0	48.848016	-86.939720	56278.02	56234.1	15.94	56293.96	56294.40234	56298.80842	56317.67578	504422.4	5410562.4
L4420.0	504422.4	5410564.0	45991.80078	308.33	0	48.848031	-86.939720	56278.59	56234.1	15.93	56294.52	56294.96094	56304.13078	56322.98047	504422.4	5410564.0
L4420.0	504422.4	5410565.6	45991.80078	308.48	0	48.848045	-86.939720	56278.78	56234.1	15.93	56294.71	56295.14844	56304.01928	56322.85547	504422.4	5410565.6
L4420.0	504422.4	5410565.6	45991.89844	307.07	0	48.848045	-86.939720	56278.93	56234.1	15.92	56294.85	56295.28906	56303.22355	56322.04297	504422.4	5410565.6
L4420.0	504422.4	5410567.4	45992.00000	305.89	0	48.848060	-86.939720	56279.12	56234.1	15.92	56295.04	56295.48047	56303.17505	56321.97656	504422.4	5410567.4
L4420.0	504422.4	5410567.4	45992.10156	306.57	0	48.848060	-86.939720	56279.21	56234.1	15.92	56295.13	56295.57031	56301.75993	56320.54688	504422.4	5410567.4
L4420.0	504422.4	5410569.1	45992.19922	305.23	0	48.848076	-86.939720	56279.46	56234.1	15.92	56295.38	56295.82031	56302.60785	56321.37891	504422.4	5410569.1
L4420.0	504422.4	5410569.1	45992.30078	305.08	0	48.848076	-86.939720	56279.54	56234.1	15.92	56295.46	56295.89844	56301.13779	56319.89453	504422.4	5410569.1
L4420.0	504422.4	5410571.2	45992.39844	307.34	0	48.848095	-86.939720	56279.72	56234.1	15.92	56295.64	56296.07813	56301.07825	56319.82031	504422.4	5410571.2
L4420.0	504422.5	5410572.9	45992.60156	306.05	0	48.848110	-86.939719	56279.70	56234.1	15.91	56295.61	56296.04688	56294.50069	56313.22656	504422.5	5410572.9
L4420.0	504422.5	5410572.9	45992.60156	305.31	0	48.848110	-86.939719	56280.08	56234.1	15.91	56295.99	56296.42969	56300.34956	56319.06250	504422.5	5410572.9
L4420.0	504422.5	5410574.6	45992.69922	306.91	0	48.848126	-86.939719	56280.23	56234.1	15.91	56296.15	56296.58984	56299.49487	56318.19141	504422.5	5410574.6
L4420.0	504422.5	5410576.1	45992.80078	308.65	0	48.848139	-86.939719	56280.36	56234.1	15.91	56296.27	56296.71094	56299.88151	56318.56641	504422.5	5410576.1
L4420.0	504422.5	5410577.9	45992.89844	308.17	0	48.848156	-86.939719	56280.69	56234.1	15.91	56296.60	56297.03906	56302.00462	56320.67578	504422.5	5410577.9
L4420.0	504422.5	5410577.9	45993.00000	308.42	0	48.848156	-86.939719	56281.03	56234.1	15.91	56296.94	56297.37891	56304.31549	56322.97266	504422.5	5410577.9

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4420.0	504422.5	5410579.3	45993.10156	305.55	0	48.848168	-86.939718	56281.30	56234.1	15.91	56297.21	56297.65234	56305.70917	56324.35156	504422.5	5410579.3
L4420.0	504422.5	5410581.4	45993.19922	305.14	0	48.848186	-86.939718	56281.38	56234.1	15.90	56297.29	56297.73047	56304.46894	56323.09766	504422.5	5410581.4
L4420.0	504422.5	5410581.4	45993.30078	307.21	0	48.848186	-86.939718	56281.63	56234.1	15.90	56297.53	56297.97266	56305.50048	56324.11328	504422.5	5410581.4
L4420.0	504422.5	5410582.9	45993.39844	308.19	0	48.848200	-86.939718	56281.79	56234.1	15.89	56297.69	56298.13281	56305.41246	56324.01172	504422.5	5410582.9
L4420.0	504422.5	5410584.8	45993.50000	309.93	0	48.848217	-86.939718	56281.94	56234.1	15.89	56297.83	56298.27344	56305.03755	56323.62500	504422.5	5410584.8
L4420.0	504422.5	5410584.8	45993.60156	307.43	0	48.848217	-86.939718	56282.25	56234.1	15.89	56298.14	56298.58594	56307.17014	56325.74219	504422.5	5410584.8
L4420.0	504422.6	5410586.6	45993.69922	309.77	0	48.848233	-86.939718	56282.30	56234.1	15.88	56298.18	56298.62500	56305.31621	56323.87500	504422.6	5410586.6
L4420.0	504422.6	5410587.9	45993.80078	309.49	0	48.848245	-86.939718	56282.45	56234.1	15.88	56298.33	56298.77734	56305.08135	56323.62891	504422.6	5410587.9
L4420.0	504422.6	5410587.9	45993.89844	309.99	0	48.848245	-86.939718	56282.42	56234.1	15.87	56298.29	56298.73828	56301.95538	56320.49219	504422.6	5410587.9
L4420.0	504422.6	5410589.7	45994.00000	308.50	0	48.848261	-86.939718	56282.81	56234.1	15.87	56298.68	56299.12891	56305.36020	56323.88281	504422.6	5410589.7
L4420.0	504422.6	5410591.5	45994.10156	309.34	0	48.848278	-86.939718	56283.04	56234.1	15.87	56298.90	56299.35156	56306.19367	56324.70313	504422.6	5410591.5
L4420.0	504422.6	5410593.0	45994.19922	308.17	0	48.848291	-86.939718	56283.22	56234.1	15.86	56299.08	56299.53125	56306.41788	56324.91406	504422.6	5410593.0
L4420.0	504422.6	5410594.3	45994.30078	309.23	0	48.848303	-86.939718	56283.40	56234.1	15.86	56299.26	56299.71484	56306.64373	56325.12500	504422.6	5410594.3
L4420.0	504422.6	5410594.3	45994.39844	308.89	0	48.848303	-86.939718	56283.57	56234.2	15.85	56299.42	56299.87500	56306.56107	56325.03125	504422.6	5410594.3
L4420.0	504422.6	5410595.6	45994.50000	305.85	0	48.848315	-86.939718	56283.88	56234.2	15.85	56299.72	56300.17578	56308.64654	56327.10156	504422.6	5410595.6
L4420.0	504422.5	5410597.6	45994.60156	306.32	0	48.848333	-86.939718	56284.06	56234.2	15.84	56299.90	56300.35547	56308.87224	56327.31641	504422.5	5410597.6
L4420.0	504422.5	5410597.6	45994.69922	306.69	0	48.848333	-86.939718	56284.23	56234.2	15.83	56300.07	56300.52734	56308.94063	56327.37109	504422.5	5410597.6
L4420.0	504422.5	5410599.5	45994.80078	310.66	0	48.848349	-86.939718	56284.23	56234.2	15.83	56300.06	56300.51953	56306.23731	56324.65234	504422.5	5410599.5
L4420.0	504422.5	5410601.1	45994.89844	309.58	0	48.848364	-86.939718	56284.32	56234.2	15.82	56300.14	56300.60156	56304.93725	56323.33984	504422.5	5410601.1
L4420.0	504422.5	5410601.1	45995.00000	309.48	0	48.848364	-86.939718	56284.46	56234.2	15.82	56300.28	56300.74219	56304.56710	56322.95703	504422.5	5410601.1
L4420.0	504422.5	5410602.9	45995.10156	311.49	0	48.848380	-86.939719	56284.60	56234.2	15.82	56300.42	56300.88281	56304.20326	56322.57813	504422.5	5410602.9
L4420.0	504422.5	5410604.4	45995.19922	309.20	0	48.848394	-86.939719	56285.01	56234.2	15.82	56300.83	56301.29297	56307.90592	56326.26563	504422.5	5410604.4
L4420.0	504422.5	5410604.4	45995.30078	309.81	0	48.848394	-86.939719	56285.10	56234.2	15.82	56300.92	56301.38672	56306.77492	56325.12109	504422.5	5410604.4
L4420.0	504422.4	5410606.4	45995.39844	308.46	0	48.848412	-86.939719	56285.26	56234.2	15.82	56301.07	56301.53516	56306.54975	56324.88281	504422.4	5410606.4
L4420.0	504422.4	5410607.6	45995.50000	308.41	0	48.848423	-86.939720	56285.67	56234.2	15.82	56301.48	56301.94531	56310.11440	56328.43359	504422.4	5410607.6
L4420.0	504422.4	5410609.5	45995.60156	308.27	0	48.848440	-86.939720	56285.72	56234.2	15.81	56301.53	56301.99609	56308.41842	56326.71875	504422.4	5410609.5
L4420.0	504422.4	5410609.5	45995.69922	308.13	0	48.848440	-86.939720	56285.67	56234.2	15.81	56301.48	56301.94922	56305.35186	56323.63672	504422.4	5410609.5
L4420.0	504422.4	5410611.3	45995.80078	310.24	0	48.848456	-86.939720	56285.77	56234.2	15.81	56301.58	56302.05078	56304.47084	56322.74219	504422.4	5410611.3
L4420.0	504422.4	5410612.7	45995.89844	310.35	0	48.848468	-86.939720	56286.18	56234.2	15.81	56301.99	56302.46094	56307.89830	56326.15234	504422.4	5410612.7
L4420.0	504422.3	5410614.2	45996.00000	308.32	0	48.848482	-86.939721	56286.34	56234.2	15.81	56302.15	56302.62109	56307.52842	56325.76563	504422.3	5410614.2
L4420.0	504422.3	5410614.2	45996.10156	306.82	0	48.848482	-86.939721	56286.61	56234.2	15.81	56302.42	56302.89063	56310.28680	56328.50781	504422.3	5410614.2
L4420.0	504422.3	5410615.7	45996.19922	306.20	0	48.848495	-86.939721	56286.79	56234.2	15.80	56302.59	56303.06250	56310.09360	56328.29688	504422.3	5410615.7
L4420.0	504422.3	5410617.3	45996.30078	306.56	0	48.848510	-86.939721	56286.82	56234.2	15.80	56302.62	56303.09375	56305.90784	56324.09375	504422.3	5410617.3
L4420.0	504422.3	5410617.3	45996.39844	307.24	0	48.848510	-86.939721	56287.00	56234.2	15.80	56302.80	56303.27344	56306.25827	56324.42578	504422.3	5410617.3
L4420.0	504422.3	5410618.9	45996.50000	305.14	0	48.848524	-86.939721	56287.45	56234.2	15.79	56303.24	56303.71094	56314.21728	56332.36719	504422.3	5410618.9
L4420.0	504422.3	5410620.6	45996.60156	303.81	0	48.848540	-86.939722	56287.36	56234.2	15.79	56303.15	56303.62109	56307.02670	56325.15625	504422.3	5410620.6
L4420.0	504422.3	5410622.4	45996.69922	303.78	0	48.848555	-86.939722	56287.66	56234.2	15.79	56303.45	56303.92188	56311.15282	56329.26172	504422.3	5410622.4
L4420.0	504422.3	5410622.4	45996.80078	305.63	0	48.848555	-86.939722	56287.75	56234.2	15.79	56303.54	56304.01172	56309.35115	56327.43750	504422.3	5410622.4
L4420.0	504422.2	5410624.2	45996.89844	307.72	0	48.848571	-86.939722	56287.86	56234.2	15.78	56303.65	56304.12109	56308.16939	56326.23438	504422.2	5410624.2
L4420.0	504422.2	5410626.0	45997.00000	306.96	0	48.848588	-86.939722	56288.04	56234.2	15.78	56303.82	56304.29297	56308.71207	56326.75781	504422.2	5410626.0
L4420.0	504422.2	5410626.0	45997.10156	305.33	0	48.848588	-86.939722	56288.27	56234.2	15.78	56304.05	56304.51953	56310.95827	56328.98047	504422.2	5410626.0
L4420.0	504422.2	5410627.7	45997.19922	306.69	0	48.848603	-86.939722	56288.37	56234.2	15.77	56304.14	56304.60938	56309.07285	56327.07031	504422.2	5410627.7
L4420.0	504422.2	5410629.1	45997.30078	309.55	0	48.848616	-86.939723	56288.42	56234.2	15.77	56304.19	56304.66016	56305.86731	56323.83984	504422.2	5410629.1
L4420.0	504422.2	5410630.6	45997.39844	307.41	0	48.848629	-86.939723	56288.76	56234.2	15.77	56304.53	56304.99609	56311.08278	56329.03125	504422.2	5410630.6
L4420.0	504422.2	5410630.6	45997.50000	307.39	0	48.848629	-86.939723	56288.76	56234.2	15.76	56304.53	56304.99609	56306.06187	56323.98438	504422.2	5410630.6
L4420.0	504422.2	5410632.7	45997.69922	307.13	0	48.848648	-86.939723	56288.96	56234.2	15.76	56304.72	56305.18359	56308.46954	56326.36328	504422.2	5410632.7
L4420.0	504422.2	5410632.7	45997.80078	307.11	0	48.848648	-86.939723	56289.29	56234.2	15.76	56305.04	56305.50391	56310.74625	56328.61328	504422.2	5410632.7
L4420.0	504422.2	5410634.4	45997.80078	308.48	0	48.848663	-86.939723	56289.44	56234.2	15.76	56305.20	56305.66016	56310.83074	56328.66797	504422.2	5410634.4
L4420.0	504422.2	5410636.0	45997.89844	308.85	0	48.848678	-86.939723	56289.70	56234.2	15.75	56305.45	56305.91016	56312.17878	56329.98828	504422.2	5410636.0
L4420.0	504422.2	5410637.9	45998.00000	309.09	0	48.848695	-86.939723	56289.86	56234.3	15.75	56305.61	56306.06641	56312.26284	56330.04297	504422.2	5410637.9
L4420.0	504422.2	5410637.9	45998.10156	309.57	0	48.848695	-86.939723	56290.13	56234.3	15.75	56305.88	56306.33594	56313.91085	56331.66016	504422.2	5410637.9
L4420.0	504422.1	5410639.4	45998.19922	309.85	0	48.848708	-86.939723	56290.29	56234.3	15.74	56306.03	56306.48438	56313.83456	56331.55078	504422.1	5410639.4
L4420.0	504422.1	5410640.9	45998.30078	312.18	0	48.848722	-86.939723	56290.46	56234.3	15.74	56306.20	56306.64844	56314.02861	56331.71094	504422.1	5410640.9
L4420.0	504422.1	5410640.9	45998.39844	309.19	0	48.848722	-86.939723	56290.37	56234.3	15.74	56306.10	56306.54688	56310.28544	56327.93359	504422.1	5410640.9
L4420.0	504422.2	5410643.0	45998.50000	308.42	0	48.848741	-86.939723	56290.70	56234.3	15.74	56306.43	56306.87500	56312.77163	56330.38281	504422.2	5410643.0
L4420.0	504422.2	5410644.7	45998.60156	308.21	0	48.848756	-86.939723	56290.90	56234.3	15.73	56306.63	56307.07031	56313.35887	56330.93359	504422.2	5410644.7
L4420.0	504422.2	5410644.7	45998.69922	307.22	0	48.848756	-86.939723	56291.02	56234.3	15.73	56306.75	56307.18750	56312.77342	56330.30859	504422.2	5410644.7
L4420.0	504422.1	5410646.4	45998.80078	308.70	0	48.848771	-86.939723	56291.26	56234.3	15.73	56306.98	56307.41406	56313.77348	56331.26953	504422.1	5410646.4
L4420.0	504422.1	5410648.1	45998.89844	308.91	0	48.848786	-86.939723	56291.26	56234.3	15.72	56306.98	56307.41016	56311.44628	56328.90234	504422.1	5410648.1
L4420.0	504422.1	5410649.5	45999.00000	309.17	0	48.848800	-86.939723	56291.41	56234.3	15.72	56307.13	56307.55469	56311.28590	56328.70313	504422.1	5410649.5
L4420.0	504422.1	5410649.5	45999.10156	308.88	0	48.848800	-86.939723	56291.56	56234.3	15.72	56307.28	56307.70313	56311.12482	56328.49609	504422.1	5410649.5
L4420.0	504422.1	5410651.8	45999.19922	308.07	0	48.848820	-86.939723	56291.74	56234.3	15.71	56307.45	56307.86719	56311.24670	56328.57422	504422.1	5410651.8
L4420.0	504422.1	5410653.0	45999.30078	308.11	0	48.848831	-86.939723	56291.97	56234.3	15.71	56307.67	56308.08203	56312.06451	56329.34766	504422.1	5410653.0
L4420.0	504422.1	5410653.0	45999.39844	306.84	0	48.848831	-86.939723	56292.08	56234.3	15.70	56307.78	56308.18750	56311.34638	56328.58203	504422.1	5410653.0
L4420.0	504422.1	5410654.5	45999.60156	306.33	0	48.848844	-86.939723	56292.20	56234.3	15.69	56307.89	56308.29297	56310.64551	56327.83203	504422.1	5410654.5
L4420.0	504422.1	5410655.7	45999.60156	307.87	0	48.848855	-86.939723	56292.78	56234.3	15.69	56308.47	56308.86719	56320.14794	56337.28516	504422.1	5410655.7
L4420.0	504422.2	5410657.2	45999.69922	310.25	0	48.848869	-86.939723	56292.84	56234.3	15.68	56308.53	56308.92188	56316.34511	56333.43359	504422.2	5410657.2
L4420.0	504422.2	5410659.0	45999.80078	310.09	0	48.848885	-86.939723	56293.17	56234.3	15.68	56308.85	56309.23438	56320.23976	56337.27344	504422.2	5410659.0
L4420.0	504422.2	5410659.0	45999.89844	309.33	0	48.848885	-86.939723	56293.20	56234.3	15.67	56308.87	56309.25000	56315.42560	56332.40625	504422.2	5410659.0
L4420.0	504422.2	5410660.5	46000.00000	307.15	0	48.848899	-86.939722	56293.14	56234.3	15.67	56308.81	56309.18359	56308.53953	56325.46484	504422.2	5410660.5
L4420.0	504422.2	5410660.5	46000.10156	304.76	0	48.848899	-86.939722	56293.43	56234.3	15.67	56309.09	56309.45703	56311.54160	56328.41016	504422.2	5410660.5
L4420.0	504422.2	5410662.6	46000.19922	306.29	0	48.848917	-86.939722	56293.68	56234.3	15.67	56309.35	56309.70703	56314.07531	56330.88672	504422.2	5410662.6
L4420.0	504422.2	5410664.1	46000.30078	307.48	0	48.848931	-86.939722	56293.94	56234.3	15.66	56309.60	56309.94922	56316.44692	56333.19531	504422.2	5410664.1
L4420.0	504422.2	5410664.1	46000.39844	305.93	0	48.848931	-86.939722	56293.93	56234.3	15.66	56309.59	56309.93359	56311.79037	56328.47656	504422.2	5410664.1
L4420.0	504422.2	5410665.9	46000.50000	304.87	0	48.848947	-86.939722	56294.27	56234.3	15.66	56309.93	56310.26563	56316.89297	56333.51953	504422.2	5410665.9
L4420.0	504422.2	5410667.7	46000.60156	306.15	0	48.848963	-86.939722	56294.45	56234.3	15.66	56310.10	56310.42969	56317.42954	56333.98828	504422.2	5410667.7
L4420.0	504422.2	5410669.5	46000.69922	306.11	0	48.848979	-86.939721	56294.51	56234.3	15.66	56310.16	56310.48047	56315.05971	56331.55469	504422.2	5410669.5
L4420.0	504422.2	5410669.5	46000.80078	305.67	0	48.848979	-86.939721	56294.73	56234.3	15.65	56310.38	56310.69141	56317.06150	56333.48828	504422.2	5410669.5
L4420.0	504422.2	5410671.6	46000.89844	306.66	0	48.848998	-86.939721	56294.96	56234.3	15.65	56310.61	56310.91406	56319.32898	56335.68750	504422.2	5410671.6
L4420.0	504422.2	5410671.6	46001.00000	303.47	0	48.848998	-86.939721	56294.83	56234.3	15.65	56310.48	56310.77344	56311.83047	56328.11719	504422.2	5410671.6
L4420.0	504422.2	5410673.1	46001.19922	301.54	0	48.849012	-86.939721	56294.98	56234.4	15.65	56310.63	56310.91406	56311.82673	56328.03906	504422.2	5410673.1
L4420.0	504422.2	5410674.8	46001.19922	303.59	0	48.849027	-86.939721	56295.34	56234.4	15.65	56310.99	56311.26563	56317.45581	56333.59375	504422.2	5410674.8
L4420.0	504422.2	5410676.1	46001.30078	306.12	0	48.849039	-86.939721	56295.37	56234.4	15.64	56311.01	56311.27734	56313.73470	56329.79688	504422.2	5410676.1
L4420.0	504422.2	5410676.1	46001.39844	307.93	0	48.849039	-86.939721	56295.54	56234.4	15.64	56311.18	56311.43750	56314.00901	56329.99219	504422.2	5410676.1
L4420.0	504422.2	5410678.2	46001.50000	306.62	0	48.849058	-86.939721	56295.73	56234.4	15.64	56311.37	56311.61719	56314.75706	56330.66406	504422.2	5410678.2
L4420.0	504422.2	5410678.2	46001.60156	307.04	0	48.849058	-86.939721	56295.82	56234.4	15.64	56311.46	56311.69531	56312.63419	56328.45703	504422.2	5410678.2
L4420.0	504422.2	5410680.6	46001.69922	307.10	0	48.849079	-86.939721	56296.21	56234.4	15.64	56311.85	56312.07422	56318.94056	56334.68359	504422.2	5410680.6
L4420.0	504422.2	5410680.6	46001.80078	310.82	0	48.849079	-86.939721	56296.34	56234.4	15.63	56311.97	56312.18359	56317.59327	56333.25000	504422.2	5410680.6
L4420.0	504422.2	5410683.9	46001.89844	309.64	0	48.849109	-86.939721	56296.61	56234.4	15.63	56312.24	56312.44531	56320.57071	56336.14063	504422.2	5410683.9
L4420.0	504422.2	5410683.9	46002.00000	307.88	0	48.849109	-86.939721	56296.82	56234.4	15.63	56312.45	56312.64453	56321.86087	56337.34375	504422.2	5410683.9
L4420.0	504422.2	5410685.9	46002.10156	306.96	0	48.849127	-86.939721	56296.85	56234.4	15.63	56312.47	56312.65234	56317.53284	56332.92578	504422.2	5410685.9
L4420.0	504422.2	5410685.9	46002.19922	306.18	0	48.849127	-86.939721	56297.05	56234.4	15.62	56312.67	56312.83984	56318.57026	56333.87500	504422.2	5410685.9
L4420.0	504422.2	5410687.7	46002.30078	307.72	0	48.849143	-86.939721	56297.13	56234.4	15.61	56312.74	56312.89844	56317.37975	56332.58984	504422.2	5410687.7

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4420.0	504422.2	5410687.7	46002.39844	307.38	0	48.849143	-86.939721	56297.23	56234.4	15.61	56312.84	56312.98438	56316.64505	56331.76172	504422.2	5410687.7
L4420.0	504422.2	5410689.4	46002.50000	307.17	0	48.849159	-86.939721	56297.64	56234.4	15.60	56313.25	56313.38281	56320.22951	56335.25000	504422.2	5410689.4
L4420.0	504422.2	5410690.9	46002.60156	306.95	0	48.849172	-86.939721	56297.76	56234.4	15.60	56313.36	56313.48047	56319.61573	56334.53906	504422.2	5410690.9
L4420.0	504422.2	5410692.8	46002.80078	308.20	0	48.849188	-86.939721	56297.76	56234.4	15.59	56313.35	56313.45703	56317.27316	56332.09375	504422.2	5410692.8
L4420.0	504422.2	5410692.8	46002.80078	309.84	0	48.849188	-86.939721	56298.18	56234.4	15.59	56313.77	56313.86719	56321.01990	56335.74219	504422.2	5410692.8
L4420.0	504422.2	5410694.5	46002.89844	310.42	0	48.849204	-86.939721	56298.35	56234.4	15.58	56313.93	56314.01172	56321.05815	56335.67578	504422.2	5410694.5
L4420.0	504422.3	5410696.5	46003.00000	310.78	0	48.849222	-86.939721	56298.40	56234.4	15.58	56313.98	56314.05078	56319.51053	56334.02344	504422.3	5410696.5
L4420.0	504422.3	5410696.5	46003.10156	310.62	0	48.849222	-86.939721	56298.51	56234.4	15.58	56314.09	56314.14453	56318.80776	56333.21484	504422.3	5410696.5
L4420.0	504422.3	5410698.4	46003.19922	310.72	0	48.849239	-86.939721	56298.63	56234.4	15.58	56314.21	56314.25000	56318.24072	56332.54297	504422.3	5410698.4
L4420.0	504422.3	5410699.7	46003.30078	310.45	0	48.849251	-86.939721	56298.79	56234.4	15.58	56314.37	56314.39844	56318.23700	56332.42969	504422.3	5410699.7
L4420.0	504422.3	5410699.7	46003.39844	308.72	0	48.849251	-86.939721	56299.22	56234.4	15.58	56314.80	56314.81250	56322.03466	56336.11719	504422.3	5410699.7
L4420.0	504422.2	5410701.2	46003.50000	307.36	0	48.849265	-86.939721	56299.24	56234.4	15.58	56314.82	56314.82031	56320.03726	56334.00781	504422.2	5410701.2
L4420.0	504422.2	5410702.9	46003.60156	307.54	0	48.849280	-86.939721	56299.45	56234.4	15.58	56315.03	56315.01563	56320.70621	56334.56250	504422.2	5410702.9
L4420.0	504422.2	5410702.9	46003.69922	308.05	0	48.849280	-86.939721	56299.58	56234.4	15.58	56315.16	56315.12891	56320.25633	56333.99609	504422.2	5410702.9
L4420.0	504422.2	5410704.4	46003.80078	309.62	0	48.849294	-86.939721	56299.63	56234.4	15.58	56315.21	56315.16406	56318.71496	56332.33984	504422.2	5410704.4
L4420.0	504422.2	5410706.4	46003.89844	307.36	0	48.849311	-86.939721	56300.04	56234.4	15.58	56315.62	56315.55859	56324.34749	56337.85156	504422.2	5410706.4
L4420.0	504422.2	5410706.4	46004.00000	306.68	0	48.849311	-86.939721	56300.09	56234.4	15.58	56315.67	56315.59375	56320.63734	56334.02344	504422.2	5410706.4
L4420.0	504422.2	5410708.2	46004.10156	305.83	0	48.849328	-86.939721	56300.24	56234.4	15.58	56315.82	56315.73047	56319.91691	56333.18359	504422.2	5410708.2
L4420.0	504422.2	5410709.6	46004.19922	306.15	0	48.849340	-86.939721	56300.39	56234.4	15.57	56315.97	56315.86328	56319.17765	56332.32031	504422.2	5410709.6
L4420.0	504422.2	5410711.1	46004.30078	306.88	0	48.849353	-86.939721	56300.60	56234.4	15.57	56316.17	56316.04688	56319.90670	56332.92578	504422.2	5410711.1
L4420.0	504422.2	5410711.1	46004.39844	305.04	0	48.849353	-86.939721	56300.80	56234.4	15.57	56316.37	56316.23047	56320.63806	56333.53516	504422.2	5410711.1
L4420.0	504422.2	5410713.1	46004.50000	303.12	0	48.849372	-86.939721	56301.12	56234.4	15.57	56316.68	56316.52734	56324.61039	56337.37891	504422.2	5410713.1
L4420.0	504422.2	5410714.6	46004.60156	304.03	0	48.849385	-86.939721	56301.23	56234.4	15.56	56316.80	56316.62891	56323.08110	56335.72266	504422.2	5410714.6
L4420.0	504422.2	5410714.6	46004.69922	306.06	0	48.849385	-86.939721	56301.23	56234.4	15.56	56316.79	56316.60547	56317.82842	56330.34375	504422.2	5410714.6
L4420.0	504422.3	5410716.1	46004.80078	308.40	0	48.849399	-86.939721	56301.65	56234.4	15.56	56317.20	56316.99609	56324.93360	56337.32031	504422.3	5410716.1
L4420.0	504422.3	5410718.0	46004.89844	307.93	0	48.849416	-86.939720	56301.75	56234.4	15.55	56317.30	56317.08203	56323.06494	56335.32031	504422.3	5410718.0
L4420.0	504422.3	5410718.0	46005.00000	306.00	0	48.849416	-86.939720	56301.95	56234.4	15.55	56317.50	56317.26172	56324.22617	56336.34766	504422.3	5410718.0
L4420.0	504422.3	5410720.0	46005.10156	306.71	0	48.849433	-86.939720	56302.11	56234.5	15.55	56317.66	56317.40625	56324.29365	56336.28516	504422.3	5410720.0
L4420.0	504422.3	5410722.0	46005.19922	306.87	0	48.849452	-86.939720	56302.31	56234.5	15.54	56317.85	56317.57813	56325.33280	56337.18750	504422.3	5410722.0
L4420.0	504422.3	5410722.0	46005.30078	309.22	0	48.849452	-86.939720	56302.40	56234.5	15.54	56317.94	56317.65234	56323.74863	56335.46875	504422.3	5410722.0
L4420.0	504422.3	5410723.9	46005.39844	309.00	0	48.849468	-86.939720	56302.56	56234.5	15.54	56318.10	56317.79688	56323.89210	56335.47656	504422.3	5410723.9
L4420.0	504422.3	5410725.5	46005.50000	308.10	0	48.849483	-86.939720	56302.64	56234.5	15.53	56318.18	56317.85938	56322.92481	56334.37109	504422.3	5410725.5
L4420.0	504422.3	5410727.0	46005.60156	308.01	0	48.849497	-86.939719	56302.82	56234.5	15.53	56318.35	56318.01172	56323.21237	56334.52344	504422.3	5410727.0
L4420.0	504422.3	5410727.0	46005.69922	308.34	0	48.849497	-86.939719	56303.07	56234.5	15.53	56318.60	56318.24219	56324.64899	56335.82422	504422.3	5410727.0
L4420.0	504422.4	5410729.1	46005.80078	311.04	0	48.849516	-86.939719	56303.20	56234.5	15.53	56318.72	56318.34375	56324.24174	56335.27734	504422.4	5410729.1
L4420.0	504422.4	5410729.1	46006.00000	309.77	0	48.849516	-86.939719	56303.36	56234.5	15.52	56318.88	56318.48828	56324.40901	56335.30078	504422.4	5410729.1
L4420.0	504422.4	5410732.1	46006.00000	310.02	0	48.849542	-86.939719	56303.52	56234.5	15.52	56319.04	56318.62891	56324.58116	56335.33203	504422.4	5410732.1
L4420.0	504422.4	5410732.1	46006.10156	308.54	0	48.849542	-86.939719	56303.73	56234.5	15.52	56319.25	56318.82031	56325.49420	56336.10547	504422.4	5410732.1
L4420.0	504422.4	5410734.1	46006.19922	308.71	0	48.849561	-86.939719	56303.81	56234.5	15.52	56319.33	56318.88281	56324.49923	56334.96875	504422.4	5410734.1
L4420.0	504422.4	5410734.1	46006.30078	311.17	0	48.849561	-86.939719	56304.14	56234.5	15.52	56319.66	56319.19531	56327.21531	56337.54297	504422.4	5410734.1
L4420.0	504422.4	5410735.8	46006.39844	308.96	0	48.849576	-86.939719	56304.33	56234.5	15.52	56319.84	56319.35547	56327.72139	56337.90625	504422.4	5410735.8
L4420.0	504422.4	5410737.1	46006.50000	307.69	0	48.849588	-86.939719	56304.35	56234.5	15.51	56319.86	56319.35938	56325.83642	56335.87891	504422.4	5410737.1
L4420.0	504422.4	5410737.1	46006.60156	308.89	0	48.849588	-86.939719	56304.40	56234.5	15.51	56319.92	56319.39844	56324.54527	56334.44531	504422.4	5410737.1
L4420.0	504422.4	5410739.1	46006.69922	310.35	0	48.849605	-86.939719	56304.61	56234.5	15.51	56320.12	56319.58203	56325.36446	56335.12109	504422.4	5410739.1
L4420.0	504422.4	5410740.8	46006.80078	310.40	0	48.849621	-86.939719	56304.73	56234.5	15.51	56320.24	56319.68359	56324.98614	56334.59766	504422.4	5410740.8
L4420.0	504422.4	5410740.8	46006.89844	309.44	0	48.849621	-86.939719	56305.04	56234.5	15.51	56320.55	56319.97656	56327.48923	56336.95313	504422.4	5410740.8
L4420.0	504422.4	5410742.8	46007.00000	308.48	0	48.849639	-86.939719	56305.35	56234.5	15.51	56320.86	56320.26563	56330.00702	56339.32813	504422.4	5410742.8
L4420.0	504422.4	5410742.8	46007.10156	306.26	0	48.849639	-86.939719	56305.29	56234.5	15.51	56320.80	56320.18750	56326.93048	56336.10547	504422.4	5410742.8
L4420.0	504422.4	5410744.7	46007.19922	306.69	0	48.849656	-86.939719	56305.26	56234.5	15.51	56320.77	56320.14063	56324.31414	56333.34375	504422.4	5410744.7
L4420.0	504422.4	5410746.6	46007.30078	307.80	0	48.849673	-86.939719	56305.45	56234.5	15.51	56320.96	56320.30859	56325.04284	56333.92969	504422.4	5410746.6
L4420.0	504422.4	5410746.6	46007.39844	307.76	0	48.849673	-86.939719	56305.73	56234.5	15.51	56321.24	56320.57031	56327.14807	56335.88672	504422.4	5410746.6
L4420.0	504422.4	5410748.1	46007.60156	307.49	0	48.849687	-86.939719	56305.75	56234.5	15.51	56321.26	56320.57031	56325.31740	56333.91016	504422.4	5410748.1
L4420.0	504422.3	5410749.8	46007.60156	308.54	0	48.849702	-86.939719	56306.01	56234.5	15.51	56321.52	56320.81250	56327.14051	56335.58984	504422.3	5410749.8
L4420.0	504422.3	5410749.8	46007.69922	308.26	0	48.849702	-86.939719	56306.01	56234.5	15.51	56321.52	56320.79297	56325.02390	56333.32813	504422.3	5410749.8
L4420.0	504422.3	5410751.3	46007.80078	310.25	0	48.849715	-86.939719	56306.39	56234.5	15.51	56321.90	56321.15625	56328.69059	56336.85156	504422.3	5410751.3
L4420.0	504422.3	5410753.1	46007.89844	309.93	0	48.849732	-86.939719	56306.78	56234.5	15.51	56322.29	56321.52734	56332.52037	56340.53516	504422.3	5410753.1
L4420.0	504422.3	5410754.4	46008.00000	310.21	0	48.849743	-86.939720	56307.05	56234.5	15.51	56322.56	56321.77734	56334.53435	56342.40625	504422.3	5410754.4
L4420.0	504422.3	5410754.4	46008.10156	308.46	0	48.849743	-86.939720	56306.83	56234.5	15.51	56322.34	56321.53906	56329.09912	56336.82813	504422.3	5410754.4
L4420.0	504422.3	5410756.6	46008.19922	308.04	0	48.849763	-86.939720	56306.90	56234.5	15.51	56322.41	56321.58984	56328.08030	56335.66406	504422.3	5410756.6
L4420.0	504422.3	5410758.1	46008.30078	309.24	0	48.849776	-86.939720	56307.16	56234.5	15.51	56322.66	56321.82031	56329.80517	56337.24609	504422.3	5410758.1
L4420.0	504422.3	5410758.1	46008.39844	309.95	0	48.849776	-86.939720	56307.24	56234.5	15.51	56322.74	56321.88281	56328.94572	56336.24219	504422.3	5410758.1
L4420.0	504422.2	5410760.3	46008.50000	308.79	0	48.849796	-86.939721	56307.51	56234.5	15.51	56323.02	56322.14063	56331.13112	56338.28516	504422.2	5410760.3
L4420.0	504422.2	5410761.5	46008.60156	307.76	0	48.849807	-86.939721	56307.46	56234.5	15.50	56322.97	56322.07422	56328.29852	56335.31250	504422.2	5410761.5
L4420.0	504422.2	5410761.5	46008.69922	308.74	0	48.849807	-86.939721	56307.59	56234.5	15.50	56323.10	56322.18359	56328.20472	56335.08203	504422.2	5410761.5
L4420.0	504422.2	5410763.6	46008.80078	310.68	0	48.849826	-86.939721	56307.82	56234.5	15.50	56323.32	56322.38672	56329.47648	56336.21094	504422.2	5410763.6
L4420.0	504422.2	5410763.6	46008.89844	309.97	0	48.849826	-86.939721	56308.11	56234.5	15.50	56323.61	56322.65625	56331.80524	56338.40234	504422.2	5410763.6
L4420.0	504422.1	5410766.8	46009.00000	309.40	0	48.849855	-86.939722	56308.03	56234.5	15.50	56323.53	56322.55859	56328.52971	56334.98828	504422.1	5410766.8
L4420.0	504422.1	5410766.8	46009.19922	307.84	0	48.849855	-86.939722	56308.23	56234.5	15.50	56323.73	56322.73828	56329.49304	56335.81250	504422.1	5410766.8
L4420.0	504422.1	5410768.3	46009.19922	308.29	0	48.849868	-86.939723	56308.36	56234.5	15.50	56323.85	56322.83984	56329.24563	56335.42969	504422.1	5410768.3
L4420.0	504422.1	5410768.3	46009.30078	307.99	0	48.849868	-86.939723	56308.54	56234.5	15.49	56324.03	56323.00000	56329.90198	56335.94922	504422.1	5410768.3
L4420.0	504422.0	5410770.3	46009.39844	309.69	0	48.849886	-86.939723	56308.61	56234.5	15.49	56324.10	56323.05078	56328.89821	56334.81250	504422.0	5410770.3
L4420.0	504422.0	5410772.1	46009.50000	308.00	0	48.849903	-86.939723	56308.74	56234.5	15.49	56324.23	56323.16406	56328.79696	56334.57422	504422.0	5410772.1
L4420.0	504422.0	5410773.7	46009.60156	308.56	0	48.849917	-86.939724	56309.09	56234.5	15.49	56324.58	56323.49609	56332.00436	56337.65234	504422.0	5410773.7
L4420.0	504422.0	5410773.7	46009.69922	307.45	0	48.849917	-86.939724	56308.96	56234.5	15.49	56324.45	56323.34766	56327.98467	56333.50000	504422.0	5410773.7
L4420.0	504422.0	5410775.5	46009.80078	308.26	0	48.849933	-86.939724	56309.25	56234.5	15.48	56324.73	56323.60938	56330.13308	56335.51953	504422.0	5410775.5
L4420.0	504421.9	5410777.0	46009.89844	310.61	0	48.849946	-86.939724	56309.61	56234.5	15.48	56325.09	56323.94922	56333.48646	56338.74219	504421.9	5410777.0
L4420.0	504421.9	5410777.0	46010.00000	308.00	0	48.849946	-86.939724	56309.74	56234.5	15.48	56325.22	56324.06250	56333.37375	56338.50391	504421.9	5410777.0
L4420.0	504421.9	5410778.8	46010.10156	306.61	0	48.849962	-86.939725	56309.68	56234.5	15.48	56325.16	56323.98438	56330.38668	56335.39063	504421.9	5410778.8
L4420.0	504421.9	5410781.0	46010.19922	307.92	0	48.849982	-86.939725	56309.78	56234.5	15.48	56325.27	56324.07422	56329.95756	56334.83984	504421.9	5410781.0
L4420.0	504421.9	5410781.0	46010.30078	309.61	0	48.849982	-86.939725	56309.89	56234.5	15.49	56325.38	56324.16797	56329.52131	56334.27734	504421.9	5410781.0
L4420.0	504421.9	5410782.5	46010.39844	309.45	0	48.849996	-86.939725	56309.93	56234.5	15.49	56325.42	56324.18750	56328.01498	56332.64844	504421.9	5410782.5
L4420.0	504421.9	5410784.5	46010.50000	306.41	0	48.850013	-86.939725	56310.17	56234.5	15.49	56325.66	56324.41016	56329.53795	56334.05078	504421.9	5410784.5
L4420.0	504421.9	5410784.5	46010.60156	305.73	0	48.850013	-86.939725	56310.45	56234.5	15.49	56325.94	56324.67188	56331.66962	56336.06641	504421.9	5410784.5
L4420.0	504421.9	5410786.0	46010.69922	306.29	0	48.850027	-86.939725	56310.49	56234.5	15.49	56325.99	56324.70703	56330.29181	56334.57422	504421.9	5410786.0
L4420.0	504421.8	5410787.6	46010.80078	306.49	0	48.850042	-86.939726	56310.66	56234.5	15.50	56326.15	56324.84766	56330.58332	56334.75000	504421.8	5410787.6
L4420.0	504421.8	5410787.6	46010.89844	308.96	0	48.850042	-86.939726	56311.06	56234.5	15.50	56326.56	56325.24219	56334.69732	56338.75000	504421.8	5410787.6
L4420.0	504421.8	5410789.4	46011.00000	309.57	0	48.850058	-86.939726	56311.11	56234.5	15.50	56326.61	56325.27344	56333.29185	56337.23047	504421.8	5410789.4
L4420.0	504421.8	5410791.1	46011.10156	309.78	0	48.850073	-86.939725	56311.29	56234.5	15.50	56326.79	56325.43750	56333.86965	56337.69922	504421.8	5410791.1
L4420.0	504421.9	5410792.6	46011.19922	308.63	0	48.850086	-86.939725	56311.55	56234.5	15.50	56327.05	56325.67969	56335.66790	56339.39063	504421.9	5410792.6
L4420.0	504421.9	5410792.6	46011.30078	309.54	0	48.850086	-86.939725	56311.63	56234.5	15.50	56327.13	56325.74219	56334.68968	56338.30469	504421.9	5410792.6
L4420.0	504421.9	5410794.4	46011.39844	310.45	0	48.850103	-86.939725	56311.70	56234.5	15.50	56327.20	56325.79688	56333.54636	56337.05859	504421.9	5410794.4
L4420.0	504421.9	5410794.4	46011.50000	308.92	0	48.850103	-86.939725	56311.80	56234.5	15.50	56327.30	56325.87891	56332.85389	56336.26172	504421.9	5410794.4
L4420.0	504421.9	5410796.1	46011.60156	308.66	0	48.850118	-86.939725	56312.27	56234.5	15.50	56327.77	56326.33203	56337.83227	56341.14063	504421.9	5410796.1

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4420.0	504421.9	5410797.4	46011.69922	308.36	0	48.850130	-86.939725	56312.39	56234.5	15.50	56327.89	56326.43750	56337.42075	56340.62891	504421.9	5410797.4
L4420.0	504421.9	5410799.1	46011.80078	310.36	0	48.850145	-86.939725	56312.46	56234.5	15.50	56327.96	56326.49219	56336.23319	56339.34766	504421.9	5410799.1
L4420.0	504421.9	5410799.1	46011.89844	310.40	0	48.850145	-86.939725	56312.52	56234.5	15.50	56328.02	56326.53516	56334.88660	56337.90234	504421.9	5410799.1
L4420.0	504421.9	5410801.1	46012.00000	308.49	0	48.850163	-86.939725	56312.62	56234.5	15.50	56328.12	56326.61719	56334.14578	56337.07031	504421.9	5410801.1
L4420.0	504421.9	5410802.8	46012.10156	306.31	0	48.850179	-86.939725	56312.83	56234.5	15.50	56328.33	56326.81250	56335.07143	56337.90625	504421.9	5410802.8
L4420.0	504421.9	5410802.8	46012.19922	306.41	0	48.850179	-86.939725	56312.89	56234.5	15.50	56328.39	56326.85938	56333.70844	56336.45703	504421.9	5410802.8
L4420.0	504421.9	5410804.4	46012.30078	308.44	0	48.850192	-86.939725	56313.03	56234.5	15.50	56328.53	56326.98438	56333.55341	56336.21484	504421.9	5410804.4
L4420.0	504421.9	5410805.7	46012.39844	311.16	0	48.850204	-86.939725	56313.25	56234.5	15.50	56328.75	56327.18750	56334.59680	56337.17188	504421.9	5410805.7
L4420.0	504421.9	5410807.7	46012.50000	310.97	0	48.850222	-86.939724	56313.52	56234.5	15.50	56329.02	56327.44531	56336.37634	56338.87109	504421.9	5410807.7
L4420.0	504421.9	5410807.7	46012.60156	309.02	0	48.850222	-86.939724	56313.59	56234.5	15.50	56329.09	56327.50000	56335.13830	56337.55469	504421.9	5410807.7
L4420.0	504421.9	5410809.7	46012.69922	306.90	0	48.850240	-86.939724	56313.38	56234.5	15.50	56328.88	56327.27734	56329.72060	56332.05859	504421.9	5410809.7
L4420.0	504421.9	5410811.0	46012.80078	305.47	0	48.850252	-86.939724	56313.59	56234.5	15.50	56329.09	56327.47266	56330.58084	56332.84375	504421.9	5410811.0
L4420.0	504421.9	5410812.5	46012.89844	306.12	0	48.850266	-86.939724	56313.87	56234.5	15.50	56329.37	56327.73828	56332.46035	56334.65234	504421.9	5410812.5
L4420.0	504421.9	5410812.5	46013.00000	307.61	0	48.850266	-86.939724	56314.20	56234.5	15.50	56329.70	56328.05469	56335.04478	56337.16406	504421.9	5410812.5
L4420.0	504421.9	5410814.2	46013.10156	307.25	0	48.850281	-86.939724	56314.28	56234.5	15.50	56329.78	56328.12109	56333.93987	56335.99219	504421.9	5410814.2
L4420.0	504421.9	5410815.8	46013.19922	309.12	0	48.850296	-86.939724	56314.86	56234.5	15.50	56330.36	56328.68750	56340.07141	56342.05859	504421.9	5410815.8
L4420.0	504421.9	5410815.8	46013.30078	310.17	0	48.850296	-86.939724	56314.96	56234.5	15.50	56330.46	56328.77734	56339.20474	56341.12891	504421.9	5410815.8
L4420.0	504422.0	5410817.5	46013.39844	310.84	0	48.850311	-86.939724	56314.91	56234.5	15.50	56330.42	56328.72656	56336.36112	56338.22266	504422.0	5410817.5
L4420.0	504422.0	5410819.2	46013.50000	310.44	0	48.850326	-86.939724	56314.79	56234.5	15.51	56330.29	56328.58203	56332.32137	56334.12500	504422.0	5410819.2
L4420.0	504422.0	5410821.0	46013.60156	308.26	0	48.850342	-86.939723	56315.02	56234.5	15.51	56330.52	56328.80078	56333.34640	56335.09375	504422.0	5410821.0
L4420.0	504422.0	5410821.0	46013.69922	308.10	0	48.850342	-86.939723	56315.28	56234.5	15.51	56330.78	56329.05078	56331.59206	56333.28516	504422.0	5410821.0
L4420.0	504422.0	5410822.5	46013.80078	308.65	0	48.850356	-86.939723	56315.75	56234.5	15.51	56331.26	56329.51953	56340.63152	56342.27344	504422.0	5410822.5
L4420.0	504422.0	5410822.5	46013.89844	308.11	0	48.850356	-86.939723	56315.84	56234.5	15.51	56331.35	56329.59766	56338.14664	56339.74219	504422.0	5410822.5
L4420.0	504422.0	5410824.5	46014.00000	309.24	0	48.850374	-86.939723	56316.19	56234.5	15.51	56331.70	56329.93750	56343.28557	56344.83203	504422.0	5410824.5
L4420.0	504422.0	5410826.0	46014.10156	308.74	0	48.850387	-86.939723	56316.22	56234.5	15.51	56331.73	56329.95703	56339.41219	56340.91406	504422.0	5410826.0
L4420.0	504422.0	5410826.0	46014.19922	307.72	0	48.850387	-86.939723	56316.22	56234.5	15.52	56331.74	56329.95703	56335.24977	56336.71094	504422.0	5410826.0
L4420.0	504422.0	5410827.6	46014.30078	306.24	0	48.850401	-86.939723	56316.46	56234.5	15.52	56331.99	56330.19922	56337.81293	56339.23828	504422.0	5410827.6
L4420.0	504422.0	5410829.6	46014.39844	304.56	0	48.850420	-86.939723	56316.66	56234.5	15.53	56332.18	56330.38281	56338.77781	56340.16406	504422.0	5410829.6
L4420.0	504422.0	5410829.6	46014.50000	306.69	0	48.850420	-86.939723	56316.70	56234.5	15.53	56332.23	56330.42188	56336.10009	56337.45313	504422.0	5410829.6
L4420.0	504422.0	5410831.7	46014.60156	306.41	0	48.850438	-86.939723	56316.93	56234.5	15.53	56332.47	56330.65625	56338.43259	56339.75391	504422.0	5410831.7
L4420.0	504422.0	5410833.2	46014.69922	303.79	0	48.850452	-86.939722	56317.01	56234.5	15.54	56332.55	56330.72656	56336.61347	56337.90625	504422.0	5410833.2
L4420.0	504422.0	5410835.1	46014.80078	303.61	0	48.850469	-86.939722	56317.04	56234.5	15.54	56332.58	56330.75000	56333.51738	56334.78516	504422.0	5410835.1
L4420.0	504422.0	5410835.1	46014.89844	304.23	0	48.850469	-86.939722	56317.32	56234.5	15.55	56332.86	56331.02344	56336.76920	56338.01172	504422.0	5410835.1
L4420.0	504422.0	5410836.7	46015.00000	304.25	0	48.850484	-86.939722	56317.67	56234.4	15.55	56333.22	56331.37500	56342.02538	56343.24609	504422.0	5410836.7
L4420.0	504422.0	5410836.7	46015.10156	304.30	0	48.850484	-86.939722	56317.70	56234.4	15.55	56333.25	56331.39844	56338.81390	56340.01563	504422.0	5410836.7
L4420.0	504422.1	5410838.9	46015.19922	305.19	0	48.850504	-86.939722	56317.75	56234.4	15.55	56333.30	56331.44531	56336.05493	56337.24219	504422.1	5410838.9
L4420.0	504422.1	5410840.7	46015.30078	304.21	0	48.850519	-86.939722	56318.00	56234.4	15.55	56333.55	56331.68750	56338.47741	56339.65234	504422.1	5410840.7
L4420.0	504422.1	5410842.3	46015.39844	304.62	0	48.850533	-86.939722	56318.04	56234.4	15.55	56333.59	56331.72266	56335.41629	56336.57813	504422.1	5410842.3
L4420.0	504422.1	5410842.3	46015.50000	307.15	0	48.850533	-86.939722	56318.41	56234.4	15.56	56333.96	56332.08984	56341.20711	56342.35938	504422.1	5410842.3
L4420.0	504422.1	5410844.0	46015.60156	308.12	0	48.850549	-86.939722	56318.57	56234.4	15.56	56334.12	56332.24609	56341.53270	56342.67969	504422.1	5410844.0
L4420.0	504422.1	5410844.0	46015.69922	307.62	0	48.850549	-86.939722	56318.66	56234.4	15.56	56334.22	56332.34375	56340.32874	56341.47266	504422.1	5410844.0
L4420.0	504422.1	5410846.1	46015.80078	306.05	0	48.850568	-86.939722	56318.85	56234.4	15.56	56334.41	56332.53125	56341.75958	56342.90234	504422.1	5410846.1
L4420.0	504422.0	5410847.9	46015.89844	305.47	0	48.850584	-86.939722	56318.89	56234.4	15.56	56334.45	56332.56641	56339.09856	56340.24219	504422.0	5410847.9
L4420.0	504422.0	5410847.9	46016.00000	309.43	0	48.850584	-86.939722	56319.08	56234.4	15.56	56334.64	56332.75391	56340.83846	56341.98438	504422.0	5410847.9
L4420.0	504422.0	5410849.3	46016.10156	310.28	0	48.850597	-86.939722	56319.25	56234.4	15.56	56334.81	56332.92188	56342.15123	56343.30469	504422.0	5410849.3
L4420.0	504422.0	5410850.8	46016.19922	309.51	0	48.850610	-86.939723	56319.54	56234.4	15.56	56335.10	56333.21094	56347.12643	56348.28906	504422.0	5410850.8
L4420.0	504422.0	5410852.3	46016.30078	306.82	0	48.850624	-86.939723	56319.54	56234.4	15.56	56335.10	56333.21094	56343.53702	56344.71094	504422.0	5410852.3
L4420.0	504422.0	5410852.3	46016.39844	309.46	0	48.850624	-86.939723	56319.56	56234.4	15.56	56335.12	56333.23047	56340.44505	56341.63281	504422.0	5410852.3
L4420.0	504422.0	5410854.4	46016.50000	309.03	0	48.850643	-86.939723	56319.54	56234.4	15.57	56335.10	56333.21094	56338.08559	56339.28906	504422.0	5410854.4
L4420.0	504422.0	5410855.9	46016.60156	309.61	0	48.850656	-86.939723	56319.66	56234.4	15.57	56335.23	56333.34375	56338.02359	56339.24609	504422.0	5410855.9
L4420.0	504422.0	5410855.9	46016.69922	306.32	0	48.850656	-86.939723	56319.96	56234.4	15.57	56335.53	56333.64453	56340.32468	56341.57031	504422.0	5410855.9
L4420.0	504422.0	5410857.5	46016.80078	305.49	0	48.850670	-86.939723	56320.13	56234.4	15.57	56335.70	56333.81641	56340.83890	56342.10938	504422.0	5410857.5
L4420.0	504422.0	5410858.9	46016.89844	306.87	0	48.850683	-86.939723	56320.04	56234.4	15.57	56335.61	56333.72656	56337.73343	56339.02734	504422.0	5410858.9
L4420.0	504422.0	5410858.9	46017.00000	306.27	0	48.850683	-86.939723	56320.59	56234.4	15.57	56336.16	56334.28125	56343.56825	56344.89063	504422.0	5410858.9
L4420.0	504422.0	5410860.8	46017.10156	306.67	0	48.850701	-86.939723	56320.76	56234.4	15.58	56336.33	56334.45313	56344.11007	56345.46484	504422.0	5410860.8
L4420.0	504422.0	5410862.6	46017.19922	307.20	0	48.850716	-86.939723	56320.84	56234.4	15.58	56336.42	56334.54688	56343.54558	56344.93359	504422.0	5410862.6
L4420.0	504422.0	5410864.2	46017.30078	307.80	0	48.850731	-86.939722	56320.76	56234.4	15.59	56336.35	56334.48047	56340.76132	56342.18359	504422.0	5410864.2
L4420.0	504422.0	5410864.2	46017.39844	305.85	0	48.850731	-86.939722	56321.02	56234.4	15.59	56336.61	56334.74609	56342.60501	56344.06641	504422.0	5410864.2
L4420.0	504422.0	5410865.9	46017.50000	308.47	0	48.850746	-86.939722	56321.34	56234.4	15.60	56336.94	56335.08203	56345.44394	56346.94531	504422.0	5410865.9
L4420.0	504422.1	5410867.6	46017.60156	311.27	0	48.850761	-86.939722	56321.61	56234.4	15.61	56337.21	56335.35547	56347.47097	56349.01563	504422.1	5410867.6
L4420.0	504422.1	5410867.6	46017.69922	308.43	0	48.850761	-86.939722	56321.75	56234.4	15.61	56337.36	56335.51172	56347.85879	56349.44922	504422.1	5410867.6
L4420.0	504422.1	5410869.1	46017.80078	307.61	0	48.850775	-86.939722	56321.63	56234.4	15.62	56337.25	56335.41016	56344.65177	56346.28906	504422.1	5410869.1
L4420.0	504422.1	5410870.9	46017.89844	307.21	0	48.850791	-86.939721	56321.68	56234.4	15.62	56337.30	56335.46484	56343.71030	56345.39844	504422.1	5410870.9
L4420.0	504422.1	5410870.9	46018.00000	307.74	0	48.850791	-86.939721	56321.78	56234.4	15.63	56337.41	56335.58203	56343.64397	56345.38281	504422.1	5410870.9
L4420.0	504422.1	5410872.5	46018.10156	310.26	0	48.850806	-86.939721	56322.21	56234.4	15.63	56337.84	56336.02344	56348.13130	56349.92188	504422.1	5410872.5
L4420.0	504422.1	5410874.0	46018.19922	310.53	0	48.850819	-86.939721	56322.34	56234.4	15.64	56337.98	56336.17188	56348.58454	56350.43359	504422.1	5410874.0
L4420.0	504422.1	5410874.0	46018.30078	308.64	0	48.850819	-86.939721	56322.29	56234.4	15.64	56337.93	56336.12891	56346.37571	56348.28125	504422.1	5410874.0
L4420.0	504422.1	5410875.8	46018.39844	306.78	0	48.850835	-86.939721	56322.32	56234.4	15.65	56337.97	56336.17969	56345.47466	56347.44141	504422.1	5410875.8
L4420.0	504422.1	5410877.8	46018.50000	307.08	0	48.850853	-86.939721	56322.37	56234.4	15.65	56338.02	56336.23828	56344.75183	56346.78125	504422.1	5410877.8
L4420.0	504422.1	5410877.8	46018.60156	309.34	0	48.850853	-86.939721	56322.64	56234.3	15.65	56338.30	56336.52734	56347.38213	56349.47656	504422.1	5410877.8
L4420.0	504422.1	5410879.7	46018.69922	308.55	0	48.850870	-86.939721	56322.72	56234.3	15.66	56338.38	56336.61719	56347.18419	56349.34375	504422.1	5410879.7
L4420.0	504422.1	5410881.7	46018.80078	306.77	0	48.850888	-86.939721	56322.65	56234.3	15.66	56338.31	56336.55859	56344.85765	56347.08984	504422.1	5410881.7
L4420.0	504422.1	5410881.7	46018.89844	305.12	0	48.850888	-86.939721	56322.86	56234.3	15.67	56338.52	56336.78125	56346.64014	56348.94141	504422.1	5410881.7
L4420.0	504422.1	5410884.0	46019.00000	303.87	0	48.850909	-86.939720	56323.08	56234.3	15.67	56338.75	56337.02344	56348.77665	56351.14844	504422.1	5410884.0
L4420.0	504422.1	5410885.3	46019.10156	306.22	0	48.850921	-86.939720	56322.83	56234.3	15.67	56338.50	56336.78516	56343.97428	56346.42188	504422.1	5410885.3
L4420.0	504422.1	5410885.3	46019.19922	308.66	0	48.850921	-86.939720	56322.95	56234.3	15.68	56338.63	56336.92578	56344.77037	56347.29688	504422.1	5410885.3
L4420.0	504422.1	5410887.3	46019.30078	308.28	0	48.850938	-86.939720	56323.11	56234.3	15.68	56338.79	56337.10156	56346.07265	56348.67578	504422.1	5410887.3
L4420.0	504422.1	5410887.3	46019.39844	306.96	0	48.850938	-86.939720	56323.23	56234.3	15.69	56338.92	56337.24219	56347.00701	56349.69141	504422.1	5410887.3
L4420.0	504422.2	5410889.1	46019.50000	307.75	0	48.850955	-86.939720	56323.31	56234.3	15.69	56339.00	56337.33594	56347.28018	56350.04688	504422.2	5410889.1
L4420.0	504422.2	5410890.8	46019.60156	308.54	0	48.850970	-86.939720	56323.42	56234.3	15.69	56339.11	56337.46094	56348.06990	56350.91797	504422.2	5410890.8
L4420.0	504422.2	5410892.1	46019.69922	310.23	0	48.850982	-86.939720	56323.18	56234.3	15.70	56338.88	56337.24609	56343.91027	56346.84766	504422.2	5410892.1
L4420.0	504422.2	5410892.1	46019.80078	309.75	0	48.850982	-86.939720	56323.14	56234.3	15.70	56338.84	56337.21875	56342.62041	56345.64453	504422.2	5410892.1
L4420.0	504422.2	5410894.1	46019.89844	307.40	0	48.851000	-86.939720	56323.62	56234.3	15.71	56339.33	56337.72266	56349.29048	56352.40234	504422.2	5410894.1
L4420.0	504422.2	5410895.6	46020.00000	306.86	0	48.851013	-86.939719	56323.70	56234.3	15.71	56339.40	56337.80859	56349.81041	56353.01172	504422.2	5410895.6
L4420.0	504422.2	5410895.6	46020.10156	308.03	0	48.851013	-86.939719	56323.70	56234.3	15.71	56339.41	56337.83203	56349.51524	56352.80859	504422.2	5410895.6
L4420.0	504422.2	5410897.1	46020.19922	309.51	0	48.851027	-86.939719	56323.64	56234.3	15.72	56339.36	56337.79688	56348.39769	56351.78516	504422.2	5410897.1
L4420.0	504422.3	5410899.0	46020.30078	308.16	0	48.851044	-86.939719	56323.82	56234.3	15.72	56339.54	56337.99219	56350.82937	56354.31641	504422.3	5410899.0
L4420.0	504422.3	5410899.0	46020.39844	308.49	0	48.851044	-86.939719	56323.56	56234.3	15.73	56339.29	56337.75781	56346.84988	56350.42969	504422.3	5410899.0
L4420.0	504422.3	5410900.7	46020.50000	307.34	0	48.851059	-86.939718	56323.67	56234.3	15.73	56339.40	56337.88281	56348.40607	56352.08594	504422.3	5410900.7
L4420.0	504422.3	5410900.7	46020.60156	308.85	0	48.851059	-86.939718	56323.77	56234.3	15.73	56339.51	56338.01172	56350.06682	56353.84375	504422.3	5410900.7
L4420.0	504422.3	5410902.6	46020.69922	310.59	0	48.851076	-86.939718	56323.70	56234.3	15.74	56339.43	56337.94531	56348.92412	56352.80469	504422.3	5410902.6
L4420.0	504422.3	5410904.7	46020.80078	309.62	0	48.851095	-86.939718	56323.74	56234.3	15.74	56339.48	56338.01172	56349.87269	56353.85547	504422.3	5410904.7
L4420.0	504422.3	5410906.3	46020.89844	308.69	0	48.851110	-86.939718	56323.62	56234.3	15.75	56339.37	56337.91797	56348.45549	56352.53906	504422.3	5410906.3

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4420.0	504422.3	5410906.3	46021.00000	308.11	0	48.851110	-86.939718	56323.70	56234.3	15.75	56339.45	56338.01563	56350.08568	56354.27344	504422.3	5410906.3
L4420.0	504422.4	5410907.8	46021.10156	308.93	0	48.851123	-86.939717	56323.62	56234.2	15.76	56339.38	56337.96094	56349.49058	56353.78516	504422.4	5410907.8
L4420.0	504422.4	5410909.4	46021.19922	307.48	0	48.851138	-86.939717	56323.67	56234.2	15.76	56339.43	56338.02734	56350.88583	56355.28516	504422.4	5410909.4
L4420.0	504422.4	5410911.0	46021.30078	309.37	0	48.851152	-86.939717	56323.48	56234.2	15.77	56339.25	56337.86328	56348.75249	56353.26172	504422.4	5410911.0
L4420.0	504422.4	5410911.0	46021.39844	307.40	0	48.851152	-86.939717	56323.57	56234.2	15.78	56339.35	56337.97656	56351.16852	56355.78516	504422.4	5410911.0
L4420.0	504422.4	5410913.1	46021.50000	308.76	0	48.851170	-86.939717	56323.39	56234.2	15.78	56339.17	56337.81250	56349.21752	56353.94531	504422.4	5410913.1
L4420.0	504422.4	5410913.1	46021.60156	309.99	0	48.851170	-86.939717	56323.28	56234.2	15.79	56339.07	56337.73047	56348.64111	56353.47656	504422.4	5410913.1
L4420.0	504422.4	5410914.8	46021.69922	311.04	0	48.851186	-86.939717	56323.03	56234.2	15.80	56338.83	56337.50391	56345.89186	56350.83984	504422.4	5410914.8
L4420.0	504422.4	5410916.3	46021.80078	311.51	0	48.851200	-86.939717	56322.88	56234.2	15.81	56338.68	56337.37109	56344.69188	56349.75391	504422.4	5410916.3
L4420.0	504422.4	5410916.3	46021.89844	310.55	0	48.851200	-86.939717	56323.06	56234.2	15.81	56338.87	56337.57422	56349.15295	56354.32422	504422.4	5410916.3
L4420.0	504422.4	5410917.8	46022.00000	310.75	0	48.851213	-86.939717	56322.83	56234.2	15.82	56338.65	56337.37109	56347.02149	56352.30469	504422.4	5410917.8
L4420.0	504422.4	5410919.3	46022.10156	309.51	0	48.851226	-86.939717	56322.86	56234.2	15.82	56338.68	56337.41406	56349.09560	56354.49219	504422.4	5410919.3
L4420.0	504422.4	5410921.1	46022.19922	308.05	0	48.851242	-86.939717	56322.68	56234.2	15.83	56338.50	56337.24609	56347.82320	56353.33594	504422.4	5410921.1
L4420.0	504422.4	5410921.1	46022.30078	311.02	0	48.851242	-86.939717	56322.80	56234.2	15.83	56338.63	56337.39063	56351.75715	56357.38672	504422.4	5410921.1
L4420.0	504422.4	5410922.7	46022.39844	311.52	0	48.851257	-86.939716	56322.36	56234.2	15.84	56338.20	56336.97656	56346.57320	56352.31641	504422.4	5410922.7
L4420.0	504422.4	5410924.8	46022.50000	310.21	0	48.851276	-86.939716	56322.37	56234.2	15.84	56338.21	56336.99609	56348.73381	56354.58984	504422.4	5410924.8
L4420.0	504422.4	5410926.5	46022.60156	308.65	0	48.851291	-86.939716	56322.47	56234.2	15.84	56338.31	56337.10938	56352.46162	56358.43359	504422.4	5410926.5
L4420.0	504422.4	5410926.5	46022.69922	309.41	0	48.851291	-86.939716	56321.96	56234.2	15.85	56337.81	56336.62109	56346.45251	56352.53906	504422.4	5410926.5
L4420.0	504422.4	5410928.3	46022.80078	310.54	0	48.851308	-86.939716	56321.70	56234.1	15.85	56337.55	56336.37500	56344.49057	56350.69531	504422.4	5410928.3
L4420.0	504422.4	5410928.3	46022.89844	310.26	0	48.851308	-86.939716	56321.56	56234.1	15.86	56337.41	56336.24609	56344.58659	56350.90625	504422.4	5410928.3
L4420.0	504422.4	5410929.8	46023.00000	308.65	0	48.851321	-86.939716	56321.65	56234.1	15.86	56337.51	56336.35547	56348.64196	56355.07422	504422.4	5410929.8
L4420.0	504422.5	5410931.5	46023.10156	309.21	0	48.851337	-86.939716	56321.30	56234.1	15.86	56337.16	56336.01563	56345.53270	56352.08203	504422.5	5410931.5
L4420.0	504422.5	5410931.5	46023.19922	309.91	0	48.851337	-86.939716	56320.91	56234.1	15.87	56336.78	56335.64453	56342.07637	56348.74219	504422.5	5410931.5
L4420.0	504422.5	5410933.5	46023.30078	311.61	0	48.851354	-86.939715	56320.91	56234.1	15.88	56336.79	56335.66016	56344.91716	56351.69531	504422.5	5410933.5
L4420.0	504422.5	5410935.2	46023.39844	311.66	0	48.851369	-86.939715	56320.71	56234.1	15.88	56336.59	56335.46875	56344.51353	56351.40625	504422.5	5410935.2
L4420.0	504422.5	5410936.4	46023.60156	309.02	0	48.851380	-86.939715	56320.64	56234.1	15.89	56336.53	56335.41406	56346.38793	56353.39453	504422.5	5410936.4
L4420.0	504422.5	5410936.4	46023.60156	309.58	0	48.851380	-86.939715	56320.56	56234.1	15.89	56336.45	56335.33984	56348.02190	56355.14063	504422.5	5410936.4
L4420.0	504422.5	5410938.2	46023.69922	308.27	0	48.851396	-86.939715	56320.25	56234.1	15.90	56336.14	56335.03516	56346.17898	56353.41406	504422.5	5410938.2
L4420.0	504422.5	5410939.4	46023.80078	307.86	0	48.851408	-86.939715	56319.82	56234.1	15.90	56335.72	56334.62109	56342.74372	56350.08984	504422.5	5410939.4
L4420.0	504422.5	5410940.5	46023.89844	307.79	0	48.851417	-86.939715	56319.76	56234.1	15.91	56335.66	56334.56641	56344.95649	56352.41406	504422.5	5410940.5
L4420.0	504422.5	5410940.5	46024.00000	308.14	0	48.851417	-86.939715	56319.28	56234.1	15.91	56335.19	56334.09766	56340.93193	56348.50000	504422.5	5410940.5
L4420.0	504422.5	5410942.3	46024.10156	307.26	0	48.851433	-86.939715	56319.25	56234.1	15.91	56335.17	56334.07813	56343.94365	56351.62109	504422.5	5410942.3
L4420.0	504422.5	5410944.0	46024.19922	308.27	0	48.851449	-86.939715	56318.66	56234.1	15.92	56334.58	56333.48828	56338.18001	56345.96875	504422.5	5410944.0
L4420.0	504422.5	5410944.0	46024.30078	309.28	0	48.851449	-86.939715	56318.62	56234.1	15.92	56334.54	56333.44922	56341.04917	56348.94531	504422.5	5410944.0
L4420.0	504422.4	5410946.0	46024.39844	307.84	0	48.851467	-86.939716	56318.41	56234.1	15.92	56334.33	56333.23828	56341.33829	56349.34375	504422.4	5410946.0
L4420.0	504422.4	5410947.5	46024.50000	307.29	0	48.851480	-86.939716	56318.32	56234.1	15.93	56334.24	56333.14453	56343.61053	56351.71875	504422.4	5410947.5
L4420.0	504422.4	5410949.0	46024.60156	305.05	0	48.851494	-86.939716	56318.03	56234.1	15.93	56333.96	56332.85938	56342.91605	56351.12891	504422.4	5410949.0
L4420.0	504422.4	5410950.3	46024.69922	307.32	0	48.851505	-86.939717	56317.46	56234.1	15.93	56333.40	56332.29688	56337.70003	56346.01953	504422.4	5410950.3
L4420.0	504422.4	5410950.3	46024.80078	307.89	0	48.851505	-86.939717	56317.39	56234.1	15.93	56333.33	56332.21875	56340.47574	56348.89844	504422.4	5410950.3
L4420.0	504422.3	5410952.5	46024.89844	310.15	0	48.851525	-86.939717	56317.04	56234.1	15.94	56332.97	56331.85156	56338.52962	56347.05078	504422.3	5410952.5
L4420.0	504422.3	5410953.8	46025.00000	310.67	0	48.851537	-86.939717	56316.91	56234.1	15.94	56332.85	56331.72266	56340.58397	56349.20313	504422.3	5410953.8
L4420.0	504422.3	5410953.8	46025.10156	310.50	0	48.851537	-86.939717	56316.38	56234.1	15.95	56332.32	56331.18359	56335.78913	56344.50781	504422.3	5410953.8
L4420.0	504422.3	5410955.6	46025.19922	311.48	0	48.851553	-86.939718	56316.49	56234	15.95	56332.44	56331.29297	56341.94185	56350.75391	504422.3	5410955.6
L4420.0	504422.3	5410957.4	46025.30078	311.72	0	48.851569	-86.939718	56316.29	56234	15.96	56332.25	56331.08984	56342.88712	56351.79688	504422.3	5410957.4
L4420.0	504422.3	5410957.4	46025.39844	313.07	0	48.851569	-86.939718	56315.70	56234	15.96	56331.67	56330.49609	56337.16446	56346.16406	504422.3	5410957.4
L4420.0	504422.3	5410959.2	46025.50000	312.58	0	48.851585	-86.939718	56315.28	56234	15.97	56331.25	56330.06250	56334.12416	56343.21484	504422.3	5410959.2
L4420.0	504422.2	5410960.7	46025.60156	311.24	0	48.851599	-86.939718	56315.29	56234	15.98	56331.27	56330.06641	56338.59628	56347.77344	504422.2	5410960.7
L4420.0	504422.2	5410960.7	46025.69922	308.90	0	48.851599	-86.939718	56315.09	56234	15.98	56331.08	56329.85547	56339.43186	56348.69531	504422.2	5410960.7
L4420.0	504422.2	5410962.7	46025.80078	309.77	0	48.851617	-86.939718	56314.54	56234	15.99	56330.52	56329.27734	56333.86400	56343.21484	504422.2	5410962.7
L4420.0	504422.2	5410964.2	46025.89844	310.74	0	48.851630	-86.939718	56314.33	56234	15.99	56330.32	56329.05469	56334.42097	56343.85547	504422.2	5410964.2
L4420.0	504422.2	5410964.2	46026.00000	312.95	0	48.851630	-86.939718	56314.00	56234	16.00	56330.00	56328.71484	56332.85657	56342.36719	504422.2	5410964.2
L4420.0	504422.2	5410966.1	46026.10156	311.81	0	48.851648	-86.939718	56313.97	56234	16.00	56329.98	56328.67188	56336.33439	56345.92188	504422.2	5410966.1
L4420.0	504422.2	5410967.8	46026.19922	310.90	0	48.851662	-86.939719	56313.52	56234	16.01	56329.52	56328.18359	56332.23280	56341.89844	504422.2	5410967.8
L4420.0	504422.2	5410967.8	46026.30078	309.23	0	48.851662	-86.939719	56313.20	56234	16.01	56329.21	56327.84766	56330.60203	56340.33984	504422.2	5410967.8
L4420.0	504422.2	5410969.8	46026.39844	308.49	0	48.851681	-86.939719	56313.13	56234	16.02	56329.15	56327.75781	56333.08149	56342.89063	504422.2	5410969.8
L4420.0	504422.2	5410971.6	46026.50000	308.41	0	48.851697	-86.939719	56312.89	56234	16.02	56328.92	56327.50000	56332.57626	56342.45313	504422.2	5410971.6
L4420.0	504422.2	5410971.6	46026.60156	310.84	0	48.851697	-86.939719	56312.85	56234	16.02	56328.88	56327.42578	56335.11326	56345.05469	504422.2	5410971.6
L4420.0	504422.1	5410973.6	46026.69922	309.62	0	48.851715	-86.939720	56312.52	56234	16.03	56328.54	56327.05469	56332.51550	56342.51953	504422.1	5410973.6
L4420.0	504422.1	5410975.6	46026.80078	308.42	0	48.851733	-86.939720	56312.11	56234	16.03	56328.14	56326.61719	56328.80054	56338.86328	504422.1	5410975.6
L4420.0	504422.1	5410975.6	46026.89844	308.00	0	48.851733	-86.939720	56311.52	56234	16.04	56327.56	56326.00000	56321.99000	56332.11328	504422.1	5410975.6
L4420.0	504422.1	5410977.4	46027.00000	308.88	0	48.851749	-86.939721	56311.70	56234	16.04	56327.74	56326.14453	56327.53145	56337.70703	504422.1	5410977.4
L4420.0	504422.1	5410977.4	46027.10156	310.45	0	48.851749	-86.939721	56311.55	56234	16.04	56327.59	56325.95313	56327.45988	56337.68750	504422.1	5410977.4
L4420.0	504422.0	5410979.7	46027.19922	310.11	0	48.851769	-86.939721	56311.55	56234	16.05	56327.60	56325.92188	56329.81711	56340.08984	504422.0	5410979.7
L4420.0	504422.0	5410980.9	46027.30078	310.12	0	48.851780	-86.939721	56311.39	56233.9	16.05	56327.45	56325.73047	56329.35826	56339.67969	504422.0	5410980.9
L4420.0	504422.0	5410982.7	46027.39844	309.38	0	48.851796	-86.939722	56311.29	56233.9	16.06	56327.35	56325.58203	56329.50986	56339.87109	504422.0	5410982.7
L4420.0	504422.0	5410982.7	46027.50000	309.83	0	48.851796	-86.939722	56311.32	56233.9	16.06	56327.38	56325.56641	56331.55806	56341.95703	504422.0	5410982.7
L4420.0	504421.9	5410984.7	46027.60156	309.88	0	48.851814	-86.939723	56311.29	56233.9	16.06	56327.35	56325.48828	56332.39966	56342.83594	504421.9	5410984.7
L4420.0	504421.9	5410984.7	46027.69922	311.21	0	48.851814	-86.939723	56310.86	56233.9	16.07	56326.93	56325.01953	56326.70752	56337.17578	504421.9	5410984.7
L4420.0	504421.9	5410986.4	46027.80078	310.70	0	48.851830	-86.939723	56310.63	56233.9	16.07	56326.70	56324.73828	56323.87806	56334.37500	504421.9	5410986.4
L4420.0	504421.9	5410987.6	46027.89844	309.96	0	48.851841	-86.939723	56310.76	56233.9	16.08	56326.83	56324.81250	56326.59164	56337.11719	504421.9	5410987.6
L4420.0	504421.8	5410989.4	46028.00000	309.91	0	48.851857	-86.939724	56310.71	56233.9	16.08	56326.79	56324.71875	56326.32674	56336.87109	504421.8	5410989.4
L4420.0	504421.8	5410989.4	46028.10156	311.97	0	48.851857	-86.939724	56310.60	56233.9	16.08	56326.68	56324.55078	56324.71237	56335.27734	504421.8	5410989.4
L4420.0	504421.8	5410991.2	46028.19922	312.54	0	48.851873	-86.939724	56310.61	56233.9	16.09	56326.69	56324.50391	56324.74527	56335.32422	504421.8	5410991.2
L4420.0	504421.8	5410992.9	46028.30078	308.88	0	48.851889	-86.939724	56310.43	56233.9	16.09	56326.52	56324.27344	56321.73409	56332.32813	504421.8	5410992.9
L4420.0	504421.8	5410992.9	46028.39844	307.93	0	48.851889	-86.939724	56310.96	56233.9	16.10	56327.05	56324.74219	56329.26007	56339.86328	504421.8	5410992.9
L4420.0	504421.8	5410994.7	46028.50000	307.47	0	48.851905	-86.939724	56310.75	56233.9	16.10	56326.85	56324.48047	56325.28547	56335.89063	504421.8	5410994.7
L4420.0	504421.7	5410996.8	46028.60156	309.20	0	48.851923	-86.939725	56310.58	56233.9	16.10	56326.68	56324.24219	56321.56110	56332.16797	504421.7	5410996.8
L4420.0	504421.7	5410996.8	46028.69922	310.08	0	48.851923	-86.939725	56310.84	56233.9	16.11	56326.94	56324.43750	56324.07469	56334.67969	504421.7	5410996.8
L4420.0	504421.7	5410998.3	46028.80078	308.36	0	48.851937	-86.939725	56311.21	56233.9	16.11	56327.33	56324.76172	56328.22980	56338.82813	504421.7	5410998.3
L4420.0	504421.7	5411000.0	46028.89844	307.60	0	48.851953	-86.939725	56311.63	56233.9	16.12	56327.74	56325.10156	56332.37472	56342.96484	504421.7	5411000.0
L4420.0	504421.7	5411001.3	46029.00000	306.76	0	48.851964	-86.939725	56311.28	56233.9	16.12	56327.40	56324.68750	56325.10543	56335.67969	504421.7	5411001.3
L4420.0	504421.7	5411001.3	46029.10156	307.76	0	48.851964	-86.939725	56311.55	56233.9	16.13	56327.67	56324.88672	56326.62294	56337.17969	504421.7	5411001.3
L4420.0	504421.8	5411003.2	46029.19922	307.23	0	48.851981	-86.939724	56311.88	56233.9	16.13	56328.02	56325.16406	56329.04453	56339.58203	504421.8	5411003.2
L4420.0	504421.8	5411003.2	46029.30078	307.71	0	48.851981	-86.939724	56312.00	56233.9	16.14	56328.14	56325.20703	56327.78506	56338.29688	504421.8	5411003.2
L4420.0	504421.8	5411005.6	46029.39844	306.81	0	48.852003	-86.939724	56312.18	56233.9	16.14	56328.33	56325.32031	56327.28031	56337.76172	504421.8	5411005.6
L4420.0	504421.8	5411006.7	46029.50000	307.19	0	48.852013	-86.939724	56312.77	56233.8	16.15	56328.92	56325.83203	56332.44230	56342.89063	504421.8	5411006.7
L4420.0	504421.8	5411006.7	46029.60156	306.60	0	48.852013	-86.939724	56312.77	56233.8	16.16	56328.93	56325.76172	56328.69325	56339.10547	504421.8	5411006.7
L4420.0	504421.8	5411008.4	46029.69922	309.20	0	48.852028	-86.939724	56312.97	56233.8	16.16	56329.14	56325.89063	56327.62691	56338.00000	504421.8	5411008.4
L4420.0	504421.8	5411010.2	46029.80078	310.06	0	48.852044	-86.939724	56313.41	56233.8	16.17	56329.58	56326.25000	56329.72879	56340.05859	504421.8	5411010.2
L4420.0	504421.8	5411011.5	46029.89844	309.34	0	48.852056	-86.939724	56313.79	56233.8	16.17	56329.97	56326.55469	56330.80366	56341.08594	504421.8	5411011.5
L4420.0	504421.8	5411011.5	46030.00000	309.07	0	48.852056	-86.939724	56313.87	56233.8	16.18	56330.05	56326.55078	56326.87349	56337.10547	504421.8	5411011.5
L4420.0	504421.8	5411013.5	46030.10156	308.25	0	48.852074	-86.939724	56314.38	56233.8	16.18	56330.56	56326.97656	56329.19753	56339.37109	504421.8	5411013.5
L4420.0	504421.8	5411015.3	46030.19922	310.57	0	48.852090	-86.939724	56315.27	56233.8	16.18	56331.45	56327.77734	56337.10393	56347.21875	504421.8	5411015.3

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4420.0	504421.8	5411015.3	46030.30078	312.81	0	48.852090	-86.939724	56315.38	56233.8	16.18	56331.56	56327.80078	56332.72843	56342.78125	504421.8	5411015.3
L4420.0	504421.8	5411016.9	46030.39844	311.06	0	48.852104	-86.939723	56315.56	56233.8	16.18	56331.74	56327.89063	56329.11430	56339.10156	504421.8	5411016.9
L4420.0	504421.8	5411018.1	46030.50000	308.90	0	48.852115	-86.939723	56316.26	56233.8	16.19	56332.45	56328.51172	56333.44228	56343.35938	504421.8	5411018.1
L4420.0	504421.8	5411020.0	46030.60156	308.72	0	48.852133	-86.939723	56316.70	56233.8	16.19	56332.89	56328.85938	56333.29826	56343.14063	504421.8	5411020.0
L4420.0	504421.8	5411020.0	46030.69922	308.95	0	48.852133	-86.939723	56317.19	56233.8	16.19	56333.38	56329.25781	56333.65799	56343.42188	504421.8	5411020.0
L4420.0	504421.9	5411022.0	46030.80078	308.19	0	48.852150	-86.939723	56317.82	56233.8	16.19	56334.01	56329.79297	56335.93319	56345.61328	504421.9	5411022.0
L4420.0	504421.9	5411023.4	46030.89844	308.74	0	48.852163	-86.939723	56318.39	56233.8	16.19	56334.58	56330.26953	56337.00596	56346.60156	504421.9	5411023.4
L4420.0	504421.9	5411025.0	46031.00000	309.14	0	48.852177	-86.939723	56318.82	56233.8	16.19	56335.01	56330.60547	56335.64373	56345.15234	504421.9	5411025.0
L4420.0	504421.9	5411025.0	46031.10156	308.24	0	48.852177	-86.939723	56319.48	56233.8	16.20	56335.68	56331.17969	56337.76237	56347.17578	504421.9	5411025.0
L4420.0	504421.9	5411027.1	46031.19922	309.77	0	48.852196	-86.939722	56320.12	56233.8	16.20	56336.32	56331.72266	56339.16789	56348.48438	504421.9	5411027.1
L4420.0	504421.9	5411027.1	46031.30078	310.97	0	48.852196	-86.939722	56320.71	56233.8	16.21	56336.92	56332.22656	56339.72641	56348.94531	504421.9	5411027.1
L4420.0	504421.9	5411028.9	46031.39844	311.91	0	48.852212	-86.939722	56321.32	56233.8	16.21	56337.54	56332.75000	56340.37646	56349.49219	504421.9	5411028.9
L4420.0	504421.9	5411030.4	46031.50000	310.07	0	48.852226	-86.939722	56321.75	56233.8	16.22	56337.97	56333.08203	56337.95549	56346.96484	504421.9	5411030.4
L4420.0	504421.9	5411032.7	46031.60156	308.68	0	48.852246	-86.939722	56322.75	56233.8	16.23	56338.98	56333.99219	56344.09582	56352.99609	504421.9	5411032.7
L4420.0	504421.9	5411032.7	46031.69922	308.48	0	48.852246	-86.939722	56323.56	56233.8	16.23	56339.80	56334.71484	56347.16336	56355.94922	504421.9	5411032.7
L4420.0	504421.9	5411034.0	46031.80078	307.52	0	48.852258	-86.939722	56324.18	56233.8	16.24	56340.42	56335.23438	56347.08042	56355.75000	504421.9	5411034.0
L4420.0	504421.9	5411034.0	46031.89844	308.02	0	48.852258	-86.939722	56324.71	56233.8	16.24	56340.96	56335.67578	56345.68502	56354.23438	504421.9	5411034.0
L4420.0	504421.9	5411036.2	46032.00000	308.63	0	48.852278	-86.939722	56325.46	56233.8	16.25	56341.71	56336.32813	56347.27535	56355.69922	504421.9	5411036.2
L4420.0	504421.9	5411037.5	46032.10156	309.24	0	48.852289	-86.939721	56326.27	56233.7	16.25	56342.52	56337.03516	56349.63438	56357.93359	504421.9	5411037.5
L4420.0	504421.9	5411037.5	46032.19922	307.65	0	48.852289	-86.939721	56326.76	56233.7	16.26	56343.01	56337.42578	56347.21509	56355.38281	504421.9	5411037.5
L4420.0	504422.0	5411039.5	46032.30078	308.67	0	48.852308	-86.939721	56327.54	56233.7	16.26	56343.80	56338.11719	56349.12140	56357.15625	504422.0	5411039.5
L4420.0	504422.0	5411041.6	46032.39844	309.00	0	48.852326	-86.939721	56328.44	56233.7	16.26	56344.70	56338.91797	56352.58401	56360.48438	504422.0	5411041.6
L4420.0	504422.0	5411042.8	46032.50000	310.69	0	48.852338	-86.939721	56329.41	56233.7	16.26	56345.67	56339.78516	56357.04651	56364.80859	504422.0	5411042.8
L4420.0	504422.0	5411042.8	46032.60156	309.43	0	48.852338	-86.939721	56330.13	56233.7	16.27	56346.40	56340.41797	56357.99644	56365.61719	504422.0	5411042.8
L4420.0	504422.0	5411044.5	46032.69922	308.10	0	48.852353	-86.939721	56330.66	56233.7	16.27	56346.93	56340.84766	56356.01691	56363.49609	504422.0	5411044.5
L4420.0	504422.0	5411046.3	46032.80078	306.25	0	48.852369	-86.939721	56331.56	56233.7	16.27	56347.83	56341.64844	56359.52964	56366.85938	504422.0	5411046.3
L4420.0	504422.0	5411046.3	46032.89844	307.23	0	48.852369	-86.939721	56332.27	56233.7	16.28	56348.54	56342.25781	56360.30061	56367.48047	504422.0	5411046.3
L4420.0	504422.0	5411048.4	46033.00000	307.63	0	48.852388	-86.939721	56332.78	56233.7	16.28	56349.06	56342.67969	56358.29551	56365.32422	504422.0	5411048.4
L4420.0	504422.0	5411049.9	46033.10156	307.96	0	48.852402	-86.939721	56333.98	56233.7	16.28	56350.26	56343.78125	56366.66357	56373.53906	504422.0	5411049.9
L4420.0	504422.0	5411049.9	46033.19922	306.65	0	48.852402	-86.939721	56334.56	56233.7	16.28	56350.85	56344.27344	56365.95109	56372.66797	504422.0	5411049.9
L4420.0	504422.0	5411051.7	46033.30078	306.50	0	48.852417	-86.939721	56335.05	56233.7	16.29	56351.33	56344.66016	56363.64676	56370.20703	504422.0	5411051.7
L4420.0	504422.0	5411053.4	46033.39844	307.48	0	48.852433	-86.939721	56335.95	56233.7	16.29	56352.23	56345.46094	56368.01351	56374.41016	504422.0	5411053.4
L4420.0	504422.0	5411053.4	46033.50000	309.08	0	48.852433	-86.939721	56336.58	56233.7	16.29	56352.87	56346.00781	56368.52840	56374.76172	504422.0	5411053.4
L4420.0	504422.0	5411055.5	46033.60156	311.65	0	48.852452	-86.939721	56337.27	56233.7	16.29	56353.56	56346.60156	56370.04043	56376.10938	504422.0	5411055.5
L4420.0	504422.0	5411057.0	46033.69922	309.63	0	48.852465	-86.939721	56337.86	56233.7	16.29	56354.15	56347.09766	56370.18543	56376.08594	504422.0	5411057.0
L4420.0	504422.0	5411057.0	46033.80078	310.88	0	48.852465	-86.939721	56338.95	56233.7	16.30	56355.25	56348.10547	56378.83651	56384.56641	504422.0	5411057.0
L4420.0	504422.0	5411059.0	46033.89844	309.67	0	48.852483	-86.939721	56339.39	56233.7	16.30	56355.69	56348.45313	56377.10390	56382.66406	504422.0	5411059.0
L4420.0	504421.9	5411060.8	46034.00000	311.58	0	48.852499	-86.939721	56339.72	56233.7	16.30	56356.02	56348.69141	56373.83498	56379.22266	504421.9	5411060.8
L4420.0	504421.9	5411060.8	46034.10156	310.55	0	48.852499	-86.939721	56340.71	56233.7	16.30	56357.02	56349.60156	56381.87351	56387.08594	504421.9	5411060.8
L4420.0	504421.9	5411062.2	46034.19922	309.97	0	48.852512	-86.939721	56340.95	56233.7	16.31	56357.26	56349.75391	56377.76426	56382.80078	504421.9	5411062.2
L4420.0	504421.9	5411062.2	46034.30078	312.23	0	48.852512	-86.939721	56341.43	56233.7	16.31	56357.74	56350.14453	56377.96480	56382.82422	504421.9	5411062.2
L4420.0	504421.9	5411064.4	46034.39844	311.76	0	48.852531	-86.939721	56342.15	56233.7	16.32	56358.46	56350.77734	56382.50687	56387.18750	504421.9	5411064.4
L4420.0	504421.9	5411065.8	46034.50000	311.36	0	48.852545	-86.939722	56342.73	56233.7	16.32	56359.05	56351.28516	56385.30072	56389.80078	504421.9	5411065.8
L4420.0	504421.9	5411065.8	46034.60156	313.09	0	48.852545	-86.939722	56343.02	56233.7	16.32	56359.34	56351.48828	56383.59342	56387.91016	504421.9	5411065.8
L4420.0	504421.9	5411068.3	46034.69922	312.56	0	48.852566	-86.939722	56343.37	56233.7	16.33	56359.70	56351.76563	56383.49656	56387.62891	504421.9	5411068.3
L4420.0	504421.9	5411069.8	46034.80078	308.81	0	48.852580	-86.939722	56344.01	56233.7	16.33	56360.34	56352.32813	56388.40861	56392.35938	504421.9	5411069.8
L4420.0	504421.9	5411069.8	46034.89844	307.08	0	48.852580	-86.939722	56344.02	56233.7	16.34	56360.35	56352.25781	56383.62903	56387.39453	504421.9	5411069.8
L4420.0	504421.9	5411071.6	46035.00000	306.65	0	48.852596	-86.939722	56344.39	56233.7	16.34	56360.73	56352.55859	56385.33586	56388.91406	504421.9	5411071.6
L4420.0	504421.8	5411073.2	46035.10156	308.48	0	48.852611	-86.939723	56344.86	56233.7	16.34	56361.20	56352.95313	56388.97600	56392.36719	504421.8	5411073.2
L4420.0	504421.8	5411073.2	46035.19922	309.33	0	48.852611	-86.939723	56345.00	56233.7	16.34	56361.34	56353.01953	56387.93993	56391.14453	504421.8	5411073.2
L4420.0	504421.8	5411075.1	46035.30078	309.09	0	48.852628	-86.939723	56344.90	56233.7	16.34	56361.25	56352.85547	56383.92306	56386.94141	504421.8	5411075.1
L4420.0	504421.8	5411076.2	46035.39844	308.41	0	48.852638	-86.939723	56345.34	56233.7	16.34	56361.68	56353.21484	56388.57486	56391.40625	504421.8	5411076.2
L4420.0	504421.8	5411077.7	46035.50000	308.18	0	48.852652	-86.939723	56345.48	56233.7	16.35	56361.83	56353.29688	56389.47752	56392.11719	504421.8	5411077.7
L4420.0	504421.8	5411077.7	46035.60156	307.36	0	48.852652	-86.939723	56345.31	56233.7	16.35	56361.65	56353.05078	56385.97448	56388.42578	504421.8	5411077.7
L4420.0	504421.8	5411079.8	46035.69922	306.75	0	48.852670	-86.939724	56345.63	56233.7	16.35	56361.97	56353.30469	56390.69043	56392.95313	504421.8	5411079.8
L4420.0	504421.7	5411081.4	46035.80078	307.74	0	48.852684	-86.939724	56345.76	56233.7	16.35	56362.11	56353.38281	56393.29234	56395.36719	504421.7	5411081.4
L4420.0	504421.7	5411082.7	46035.89844	309.37	0	48.852697	-86.939724	56345.34	56233.7	16.35	56361.69	56352.90234	56388.15646	56390.03906	504421.7	5411082.7
L4420.0	504421.7	5411082.7	46036.00000	308.16	0	48.852697	-86.939724	56345.26	56233.7	16.35	56361.61	56352.76172	56388.77971	56390.47656	504421.7	5411082.7
L4420.0	504421.7	5411084.2	46036.10156	309.35	0	48.852710	-86.939724	56345.31	56233.6	16.35	56361.67	56352.76563	56392.13515	56393.64063	504421.7	5411084.2
L4420.0	504421.7	5411086.2	46036.19922	307.86	0	48.852728	-86.939724	56344.85	56233.6	16.35	56361.20	56352.24219	56388.28310	56389.60156	504421.7	5411086.2
L4420.0	504421.7	5411086.2	46036.30078	308.34	0	48.852728	-86.939724	56344.68	56233.6	16.36	56361.03	56352.01953	56389.52281	56390.65234	504421.7	5411086.2
L4420.0	504421.7	5411087.9	46036.39844	309.79	0	48.852743	-86.939725	56344.39	56233.6	16.36	56360.75	56351.68750	56389.78578	56390.72656	504421.7	5411087.9
L4420.0	504421.7	5411089.2	46036.50000	308.10	0	48.852755	-86.939725	56343.90	56233.6	16.36	56360.26	56351.15234	56387.61076	56388.36328	504421.7	5411089.2
L4420.0	504421.6	5411091.0	46036.60156	307.42	0	48.852771	-86.939725	56343.29	56233.6	16.36	56359.65	56350.49609	56384.34154	56384.90625	504421.6	5411091.0
L4420.0	504421.6	5411091.0	46036.69922	306.67	0	48.852771	-86.939725	56343.42	56233.6	16.36	56359.78	56350.58203	56392.46260	56392.83984	504421.6	5411091.0
L4420.0	504421.6	5411092.9	46036.80078	309.27	0	48.852788	-86.939725	56342.66	56233.6	16.37	56359.03	56349.78906	56388.45109	56388.64453	504421.6	5411092.9
L4420.0	504421.6	5411094.3	46036.89844	312.77	0	48.852801	-86.939725	56341.87	56233.6	16.37	56358.24	56348.96094	56384.55541	56384.56250	504421.6	5411094.3
L4420.0	504421.6	5411094.3	46037.00000	310.72	0	48.852801	-86.939725	56341.45	56233.6	16.37	56357.82	56348.50391	56386.60791	56386.43359	504421.6	5411094.3
L4420.0	504421.6	5411095.5	46037.10156	310.47	0	48.852812	-86.939725	56340.59	56233.6	16.37	56356.96	56347.60938	56383.07063	56382.71094	504421.6	5411095.5
L4420.0	504421.6	5411097.4	46037.19922	309.07	0	48.852829	-86.939726	56339.75	56233.6	16.37	56356.11	56346.73047	56380.36754	56379.82422	504421.6	5411097.4
L4420.0	504421.6	5411099.3	46037.30078	307.17	0	48.852846	-86.939726	56339.21	56233.6	16.37	56355.58	56346.17188	56382.80294	56382.08203	504421.6	5411099.3
L4420.0	504421.6	5411099.3	46037.39844	308.04	0	48.852846	-86.939726	56338.42	56233.6	16.37	56354.78	56345.34375	56382.11994	56381.21875	504421.6	5411099.3
L4420.0	504421.6	5411101.3	46037.50000	306.65	0	48.852864	-86.939726	56337.12	56233.6	16.37	56353.49	56344.03125	56375.33914	56374.25781	504421.6	5411101.3
L4420.0	504421.6	5411101.3	46037.60156	305.38	0	48.852864	-86.939726	56336.64	56233.6	16.36	56353.00	56343.51953	56380.25942	56379.00000	504421.6	5411101.3
L4420.0	504421.6	5411103.0	46037.69922	304.11	0	48.852879	-86.939726	56335.58	56233.6	16.36	56351.95	56342.44922	56378.13699	56376.70313	504421.6	5411103.0
L4420.0	504421.6	5411105.0	46037.80078	305.29	0	48.852897	-86.939726	56334.23	56233.6	16.36	56350.60	56341.08203	56372.57454	56370.96484	504421.6	5411105.0
L4420.0	504421.6	5411106.2	46037.89844	304.77	0	48.852908	-86.939726	56333.37	56233.6	16.36	56349.73	56340.19922	56374.27089	56372.48828	504421.6	5411106.2
L4420.0	504421.6	5411106.2	46038.00000	308.17	0	48.852908	-86.939726	56332.52	56233.6	16.36	56348.88	56339.33594	56376.92481	56374.97266	504421.6	5411106.2
L4420.0	504421.6	5411107.8	46038.10156	308.18	0	48.852922	-86.939726	56330.92	56233.6	16.36	56347.28	56337.72656	56369.88136	56367.75781	504421.6	5411107.8
L4420.0	504421.6	5411109.3	46038.19922	306.58	0	48.852936	-86.939726	56329.77	56233.6	16.36	56346.13	56336.57031	56369.69935	56367.40625	504421.6	5411109.3
L4420.0	504421.6	5411109.3	46038.30078	306.61	0	48.852936	-86.939726	56328.80	56233.6	16.37	56345.16	56335.59766	56372.71143	56370.25391	504421.6	5411109.3
L4420.0	504421.5	5411111.3	46038.39844	305.08	0	48.852954	-86.939726	56327.16	56233.6	16.37	56343.53	56333.96484	56367.07894	56364.45703	504421.5	5411111.3
L4420.0	504421.5	5411112.8	46038.50000	306.35	0	48.852967	-86.939726	56325.71	56233.6	16.37	56342.08	56332.51953	56364.57799	56361.79297	504421.5	5411112.8
L4420.0	504421.5	5411114.3	46038.60156	307.67	0	48.852981	-86.939726	56324.54	56233.6	16.37	56340.91	56331.35156	56366.72014	56363.77344	504421.5	5411114.3
L4420.0	504421.5	5411115.7	46038.69922	309.46	0	48.852994	-86.939726	56322.95	56233.6	16.37	56339.33	56329.77734	56363.56022	56360.45313	504421.5	5411115.7
L4420.0	504421.5	5411115.7	46038.80078	309.23	0	48.852994	-86.939726	56321.43	56233.6	16.38	56337.80	56328.25781	56361.70471	56358.44141	504421.5	5411115.7
L4420.0	504421.5	5411118.0	46038.89844	308.72	0	48.853014	-86.939726	56320.02	56233.6	16.38	56336.40	56326.86719	56362.36098	56358.94141	504421.5	5411118.0
L4420.0	504421.5	5411119.6	46039.00000	308.52	0	48.853028	-86.939726	56318.34	56233.6	16.38	56334.72	56325.19922	56359.44703	56355.87500	504421.5	5411119.6
L4420.0	504421.5	5411119.6	46039.10156	310.39	0	48.853028	-86.939726	56316.50	56233.6	16.38	56332.88	56323.37500	56354.68032	56350.95703	504421.5	5411119.6
L4420.0	504421.5	5411121.1	46039.19922	311.97	0	48.853042	-86.939726	56314.89	56233.6	16.38	56331.27	56321.78516	56353.91042	56350.03906	504421.5	5411121.1
L4420.0	504421.5	5411122.9	46039.30078	310.37	0	48.853058	-86.939726	56313.48	56233.6	16.38	56329.87	56320.40625	56356.87452	56352.85547	504421.5	5411122.9
L4420.0	504421.5	5411122.9	46039.39844	310.12	0	48.853058	-86.939726	56311.42	56233.6	16.38	56327.80	56318.35938	56350.25136	56346.08984	504421.5	5411122.9
L4420.0	504421.5	5411122.9	46039.50000	308.92	0	48.853058	-86.939726	56309.56	56233.6	16.38	56325.94	56316.52344	56347.33900	56343.03516	504421.5	5411122.9

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4420.0	504421.5	5411125.3	46039.60156	310.00	0	48.853079	-86.939726	56308.00	56233.6	16.39	56324.39	56315.00391	56349.66254	56345.21875	504421.5	5411125.3
L4420.0	504421.5	5411126.5	46039.69922	311.71	0	48.853091	-86.939726	56305.60	56233.6	16.39	56321.99	56312.63281	56339.61977	56335.03906	504421.5	5411126.5
L4420.0	504421.5	5411128.1	46039.80078	311.46	0	48.853105	-86.939727	56303.71	56233.6	16.39	56320.10	56310.77734	56337.83935	56333.12500	504421.5	5411128.1
L4420.0	504421.5	5411130.1	46039.89844	308.35	0	48.853122	-86.939727	56302.03	56233.6	16.39	56318.42	56309.12891	56339.75775	56334.91016	504421.5	5411130.1
L4420.0	504421.5	5411130.1	46040.00000	306.13	0	48.853122	-86.939727	56299.93	56233.6	16.39	56316.32	56307.06641	56335.81805	56330.83984	504421.5	5411130.1
L4420.0	504421.5	5411131.8	46040.10156	307.38	0	48.853138	-86.939727	56297.61	56233.6	16.39	56314.00	56304.78516	56329.03754	56323.92969	504421.5	5411131.8
L4420.0	504421.5	5411133.6	46040.19922	307.24	0	48.853154	-86.939727	56295.72	56233.6	16.39	56312.11	56302.93750	56329.27604	56324.04297	504421.5	5411133.6
L4420.0	504421.5	5411133.6	46040.30078	307.44	0	48.853154	-86.939727	56293.64	56233.6	16.39	56310.03	56300.90234	56327.11243	56321.75781	504421.5	5411133.6
L4420.0	504421.5	5411135.0	46040.39844	308.12	0	48.853167	-86.939727	56291.44	56233.6	16.39	56307.83	56298.74609	56323.57402	56318.09766	504421.5	5411135.0
L4420.0	504421.5	5411136.5	46040.50000	304.98	0	48.853181	-86.939727	56289.70	56233.6	16.39	56306.09	56297.05469	56327.57935	56321.98828	504421.5	5411136.5
L4420.0	504421.5	5411138.2	46040.60156	305.40	0	48.853196	-86.939727	56287.13	56233.6	16.40	56303.53	56294.54688	56319.34119	56313.63281	504421.5	5411138.2
L4420.0	504421.5	5411138.2	46040.69922	306.79	0	48.853196	-86.939727	56285.18	56233.6	16.40	56301.58	56292.64844	56321.00158	56315.17969	504421.5	5411138.2
L4420.0	504421.5	5411139.6	46040.80078	309.35	0	48.853209	-86.939727	56282.30	56233.6	16.40	56298.70	56289.82031	56308.39542	56302.46484	504421.5	5411139.6
L4420.0	504421.5	5411139.6	46040.89844	309.77	0	48.853209	-86.939727	56280.21	56233.6	16.40	56296.61	56287.78516	56308.61430	56302.57422	504421.5	5411139.6
L4420.0	504421.5	5411141.5	46041.00000	310.83	0	48.853226	-86.939727	56278.14	56233.6	16.40	56294.54	56285.77344	56309.56634	56303.42188	504421.5	5411141.5
L4420.0	504421.5	5411143.4	46041.10156	308.69	0	48.853243	-86.939727	56275.46	56233.6	16.40	56291.85	56283.14063	56300.81208	56294.56641	504421.5	5411143.4
L4420.0	504421.4	5411145.1	46041.19922	308.76	0	48.853258	-86.939727	56273.50	56233.6	16.39	56289.89	56281.24219	56304.27386	56297.92578	504421.4	5411145.1
L4420.0	504421.4	5411146.6	46041.30078	309.12	0	48.853271	-86.939727	56270.73	56233.6	16.39	56287.12	56278.53516	56294.69760	56288.25391	504421.4	5411146.6
L4420.0	504421.4	5411146.6	46041.39844	313.05	0	48.853271	-86.939727	56268.57	56233.6	16.38	56284.95	56276.42969	56295.32529	56288.78516	504421.4	5411146.6
L4420.0	504421.4	5411147.8	46041.50000	313.53	0	48.853282	-86.939727	56265.99	56233.6	16.38	56282.37	56273.91406	56289.35821	56282.72656	504421.4	5411147.8
L4420.0	504421.4	5411147.8	46041.60156	313.48	0	48.853282	-86.939727	56263.83	56233.6	16.38	56280.20	56271.81250	56290.53337	56283.80859	504421.4	5411147.8
L4420.0	504421.4	5411150.0	46041.69922	312.08	0	48.853302	-86.939727	56261.09	56233.6	16.37	56277.46	56269.14063	56282.27952	56275.46875	504421.4	5411150.0
L4420.0	504421.4	5411151.8	46041.80078	309.93	0	48.853318	-86.939728	56259.08	56233.6	16.37	56275.45	56267.20313	56286.62380	56279.72656	504421.4	5411151.8
L4420.0	504421.4	5411151.8	46041.89844	310.51	0	48.853318	-86.939728	56256.19	56233.6	16.36	56272.55	56264.37500	56276.00920	56269.03125	504421.4	5411151.8
L4420.0	504421.4	5411153.3	46042.00000	310.39	0	48.853332	-86.939728	56254.00	56233.6	16.36	56270.36	56262.25781	56277.63999	56270.58203	504421.4	5411153.3
L4420.0	504421.4	5411154.8	46042.10156	311.25	0	48.853345	-86.939728	56251.22	56233.6	16.36	56267.58	56259.55078	56269.39677	56262.25781	504421.4	5411154.8
L4420.0	504421.4	5411154.8	46042.19922	309.73	0	48.853345	-86.939728	56248.84	56233.6	16.37	56265.21	56257.25391	56268.23998	56261.02734	504421.4	5411154.8
L4420.0	504421.4	5411156.8	46042.30078	308.07	0	48.853363	-86.939728	56246.24	56233.6	16.37	56262.61	56254.73438	56263.32107	56256.03516	504421.4	5411156.8
L4420.0	504421.4	5411158.2	46042.39844	306.37	0	48.853376	-86.939728	56243.88	56233.6	16.37	56260.25	56252.44922	56262.51368	56255.15625	504421.4	5411158.2
L4420.0	504421.4	5411160.2	46042.50000	306.11	0	48.853394	-86.939728	56241.56	56233.6	16.38	56257.94	56250.21875	56262.57097	56255.14453	504421.4	5411160.2
L4420.0	504421.4	5411160.2	46042.60156	306.44	0	48.853394	-86.939728	56238.79	56233.6	16.38	56255.17	56247.52734	56255.10342	56247.61328	504421.4	5411160.2
L4420.0	504421.4	5411162.1	46042.69922	308.18	0	48.853411	-86.939728	56236.48	56233.6	16.38	56252.86	56245.30078	56255.20696	56247.65234	504421.4	5411162.1
L4420.0	504421.4	5411162.1	46042.80078	308.95	0	48.853411	-86.939728	56233.48	56233.6	16.38	56249.86	56242.38281	56244.17222	56236.55859	504421.4	5411162.1
L4420.0	504421.4	5411163.9	46042.89844	308.33	0	48.853427	-86.939728	56231.23	56233.6	16.39	56247.62	56240.22266	56245.38655	56237.71094	504421.4	5411163.9
L4420.0	504421.4	5411165.4	46043.00000	309.60	0	48.853441	-86.939727	56228.81	56233.6	16.39	56245.20	56237.88672	56243.65599	56235.92578	504421.4	5411165.4
L4420.0	504421.4	5411167.5	46043.10156	310.19	0	48.853459	-86.939727	56225.85	56233.6	16.39	56242.24	56235.01172	56233.36405	56225.57813	504421.4	5411167.5
L4420.0	504421.4	5411167.5	46043.19922	311.23	0	48.853459	-86.939727	56223.65	56233.6	16.39	56240.04	56232.89453	56234.96960	56227.13281	504421.4	5411167.5
L4420.0	504421.4	5411168.9	46043.30078	309.17	0	48.853472	-86.939727	56221.14	56233.6	16.38	56237.52	56230.46094	56231.44935	56223.56250	504421.4	5411168.9
L4420.0	504421.4	5411170.7	46043.39844	307.55	0	48.853488	-86.939727	56218.62	56233.6	16.38	56235.00	56228.02734	56227.81505	56219.87891	504421.4	5411170.7
L4420.0	504421.4	5411172.0	46043.50000	307.49	0	48.853499	-86.939727	56216.31	56233.6	16.38	56232.69	56225.80078	56227.29714	56219.31641	504421.4	5411172.0
L4420.0	504421.4	5411172.0	46043.60156	306.63	0	48.853499	-86.939727	56213.39	56233.6	16.38	56229.77	56222.96875	56217.18256	56209.15625	504421.4	5411172.0
L4420.0	504421.4	5411173.4	46043.69922	306.45	0	48.853513	-86.939727	56210.97	56233.6	16.38	56227.35	56220.63672	56214.62840	56206.56250	504421.4	5411173.4
L4420.0	504421.4	5411175.5	46043.80078	308.89	0	48.853531	-86.939727	56209.03	56233.6	16.37	56225.40	56218.77344	56219.12185	56211.01563	504421.4	5411175.5
L4420.0	504421.4	5411175.5	46043.89844	310.27	0	48.853531	-86.939727	56206.21	56233.6	16.37	56222.58	56216.03906	56209.97849	56201.83203	504421.4	5411175.5
L4420.0	504421.4	5411177.1	46044.00000	308.17	0	48.853545	-86.939728	56204.15	56233.6	16.37	56220.52	56214.06641	56212.30712	56204.12500	504421.4	5411177.1
L4420.0	504421.4	5411178.6	46044.10156	307.86	0	48.853559	-86.939728	56201.39	56233.6	16.37	56217.76	56211.39453	56203.59784	56195.38281	504421.4	5411178.6
L4420.0	504421.4	5411180.1	46044.19922	309.11	0	48.853572	-86.939727	56199.26	56233.6	16.37	56215.62	56209.34375	56204.14702	56195.90234	504421.4	5411180.1
L4420.0	504421.4	5411180.1	46044.30078	309.44	0	48.853572	-86.939727	56196.63	56233.6	16.36	56212.99	56206.80078	56196.85400	56188.57813	504421.4	5411180.1
L4420.0	504421.4	5411181.7	46044.39844	308.79	0	48.853587	-86.939727	56194.51	56233.6	16.36	56210.87	56204.76953	56197.07460	56188.76953	504421.4	5411181.7
L4420.0	504421.4	5411183.0	46044.50000	310.43	0	48.853598	-86.939727	56192.16	56233.6	16.36	56208.52	56202.50781	56193.40681	56185.07422	504421.4	5411183.0
L4420.0	504421.4	5411185.2	46044.60156	308.70	0	48.853618	-86.939727	56189.57	56233.6	16.36	56205.92	56199.99609	56185.51624	56177.16016	504421.4	5411185.2
L4420.0	504421.4	5411185.2	46044.69922	308.66	0	48.853618	-86.939727	56187.54	56233.6	16.36	56203.89	56198.05078	56186.00340	56177.62500	504421.4	5411185.2
L4420.0	504421.4	5411186.5	46044.80078	306.74	0	48.853630	-86.939727	56185.17	56233.6	16.35	56201.53	56195.78125	56180.99138	56172.58984	504421.4	5411186.5
L4420.0	504421.4	5411188.2	46044.89844	307.57	0	48.853646	-86.939727	56183.10	56233.6	16.35	56199.45	56193.78516	56179.85613	56171.43359	504421.4	5411188.2
L4420.0	504421.4	5411188.2	46045.00000	310.58	0	48.853646	-86.939727	56181.08	56233.7	16.35	56197.43	56191.85156	56179.18773	56170.75000	504421.4	5411188.2
L4420.0	504421.4	5411189.6	46045.10156	312.12	0	48.853658	-86.939727	56178.72	56233.7	16.35	56195.07	56189.57813	56172.78013	56164.32422	504421.4	5411189.6
L4420.0	504421.4	5411191.1	46045.19922	309.54	0	48.853672	-86.939727	56176.98	56233.7	16.34	56193.32	56187.91406	56175.29720	56166.82813	504421.4	5411191.1
L4420.0	504421.4	5411192.8	46045.30078	305.85	0	48.853687	-86.939727	56174.73	56233.7	16.34	56191.07	56185.75000	56169.54173	56161.05859	504421.4	5411192.8
L4420.0	504421.4	5411192.8	46045.39844	307.00	0	48.853687	-86.939727	56172.95	56233.7	16.34	56189.29	56184.05469	56170.51625	56162.01953	504421.4	5411192.8
L4420.0	504421.4	5411195.1	46045.50000	308.49	0	48.853708	-86.939727	56170.54	56233.7	16.33	56186.87	56181.71875	56160.96044	56152.45313	504421.4	5411195.1
L4420.0	504421.4	5411195.1	46045.60156	310.72	0	48.853708	-86.939727	56168.93	56233.7	16.33	56185.27	56180.20313	56163.55763	56155.03906	504421.4	5411195.1
L4420.0	504421.4	5411197.1	46045.69922	309.80	0	48.853725	-86.939727	56166.63	56233.7	16.33	56182.95	56177.96484	56154.28719	56145.76172	504421.4	5411197.1
L4420.0	504421.5	5411198.6	46045.80078	308.47	0	48.853739	-86.939726	56164.77	56233.7	16.33	56181.09	56176.18750	56151.54120	56143.00781	504421.5	5411198.6
L4420.0	504421.4	5411200.4	46045.89844	308.83	0	48.853755	-86.939726	56163.14	56233.7	16.32	56179.47	56174.64844	56151.89282	56143.35547	504421.4	5411200.4
L4420.0	504421.4	5411200.4	46046.00000	309.86	0	48.853755	-86.939726	56161.34	56233.7	16.32	56177.66	56172.92188	56148.56091	56140.01953	504421.4	5411200.4
L4420.0	504421.5	5411202.3	46046.10156	310.50	0	48.853772	-86.939726	56159.63	56233.7	16.32	56175.94	56171.28125	56145.92832	56137.38281	504421.5	5411202.3
L4420.0	504421.5	5411204.1	46046.19922	312.66	0	48.853788	-86.939726	56158.19	56233.7	16.32	56174.50	56169.92188	56147.01185	56138.46484	504421.5	5411204.1
L4420.0	504421.5	5411205.5	46046.30078	311.53	0	48.853801	-86.939726	56156.08	56233.7	16.31	56172.39	56167.88672	56136.64975	56128.10156	504421.5	5411205.5
L4420.0	504421.5	5411205.5	46046.39844	308.24	0	48.853801	-86.939726	56154.85	56233.7	16.31	56171.16	56166.73438	56139.56992	56131.02344	504421.5	5411205.5
L4420.0	504421.5	5411207.5	46046.50000	306.46	0	48.853819	-86.939726	56153.41	56233.7	16.31	56169.72	56165.37109	56138.34750	56129.80078	504421.5	5411207.5
L4420.0	504421.5	5411207.5	46046.60156	307.93	0	48.853819	-86.939726	56151.75	56233.7	16.31	56168.06	56163.78906	56132.75318	56124.20703	504421.5	5411207.5
L4420.0	504421.5	5411209.5	46046.69922	309.54	0	48.853837	-86.939726	56150.61	56233.7	16.31	56166.91	56162.71094	56134.58778	56126.04688	504421.5	5411209.5
L4420.0	504421.5	5411209.5	46046.80078	313.09	0	48.853837	-86.939726	56149.18	56233.7	16.30	56165.48	56161.35547	56131.03417	56122.49609	504421.5	5411209.5
L4420.0	504421.5	5411211.1	46046.89844	312.19	0	48.853852	-86.939726	56147.68	56233.7	16.30	56163.99	56159.93750	56125.62337	56117.09375	504421.5	5411211.1
L4420.0	504421.5	5411212.7	46047.00000	309.94	0	48.853866	-86.939726	56146.88	56233.7	16.30	56163.18	56159.19922	56130.49672	56121.97266	504421.5	5411212.7
L4420.0	504421.5	5411214.2	46047.10156	310.71	0	48.853879	-86.939726	56145.43	56233.7	16.30	56161.73	56157.81641	56123.97450	56115.45703	504421.5	5411214.2
L4420.0	504421.5	5411214.2	46047.19922	311.28	0	48.853879	-86.939726	56144.77	56233.7	16.30	56161.07	56157.22656	56129.59599	56121.08594	504421.5	5411214.2
L4420.0	504421.5	5411215.9	46047.30078	312.28	0	48.853895	-86.939726	56143.49	56233.7	16.29	56159.78	56156.00391	56123.90413	56115.40234	504421.5	5411215.9
L4420.0	504421.5	5411217.4	46047.39844	312.21	0	48.853908	-86.939726	56142.66	56233.7	16.29	56158.95	56155.24219	56124.92201	56116.42969	504421.5	5411217.4
L4420.0	504421.5	5411217.4	46047.50000	312.31	0	48.853908	-86.939726	56141.34	56233.7	16.29	56157.63	56153.98438	56116.87657	56108.39453	504421.5	5411217.4
L4420.0	504421.5	5411219.1	46047.60156	309.87	0	48.853923	-86.939726	56140.63	56233.7	16.29	56156.92	56153.33984	56118.05113	56109.57813	504421.5	5411219.1
L4420.0	504421.5	5411220.9	46047.69922	308.96	0	48.853939	-86.939726	56139.97	56233.7	16.29	56156.25	56152.73438	56118.97448	56110.51563	504421.5	5411220.9
L4420.0	504421.5	5411220.9	46047.80078	308.09	0	48.853939	-86.939726	56139.12	56233.7	16.28	56155.40	56151.94531	56115.97565	56107.52734	504421.5	5411220.9
L4420.0	504421.5	5411222.4	46047.89844	308.35	0	48.853953	-86.939726	56138.96	56233.7	16.28	56155.24	56151.84375	56123.55109	56115.11719	504421.5	5411222.4
L4420.0	504421.5	5411224.2	46048.00000	310.15	0	48.853969	-86.939726	56137.85	56233.7	16.28	56154.13	56150.79297	56114.37782	56105.95703	504421.5	5411224.2
L4420.0	504421.5	5411224.2	46048.10156	307.84	0	48.853969	-86.939726	56137.65	56233.7	16.28	56153.93	56150.65234	56119.43198	56111.02344	504421.5	5411224.2
L4420.0	504421.5	5411226.5	46048.19922	310.04	0	48.853990	-86.939726	56137.06	56233.7	16.28	56153.34	56150.11719	56117.08501	56108.69141	504421.5	5411226.5
L4420.0	504421.5	5411227.7	46048.30078	309.97	0	48.854000	-86.939726	56136.43	56233.7	16.27	56152.70	56149.53125	56113.01701	56104.64063	504421.5	5411227.7
L4420.0	504421.5	5411228.9	46048.39844	309.77	0	48.854012	-86.939725	56136.53	56233.7	16.27	56152.80	56149.68359	56120.27742	56111.91797	504421.5	5411228.9
L4420.0	504421.5	5411230.4	46048.50000	310.30	0	48.854025	-86.939725	56135.90	56233.7	16.27	56152.17	56149.10547	56114.61148	56106.26563	504421.5	5411230.4
L4420.0	504421.5	5411230.4	46048.60156	311.60	0	48.854025	-86.939725	56135.64	56233.7	16.27	56151.91	56148.89844	56114.16978	56105.84375	504421.5	5411230.4
L4420.0	504421.5	5411231.9	46048.69922	311.02	0	48.854039	-86.939725	56135.63	56233.7	16.27	56151.89	56148.92578	56116.77756	56108.46875	504421.5	5411231.9
L4420.0	504421.5	5411233.9	46048.80078	310.31	0	48.854057	-86.939725	56135.11	56233.7	16.26	56151.37	56148.45313	56110.41856	56102.12500	504421.5	5411233.9

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4420.0	504421.5	5411233.9	46048.89844	309.28	0	48.854057	-86.939725	56135.40	56233.7	16.26	56151.66	56148.78906	56116.32231	56108.04688	504421.5	5411233.9
L4420.0	504421.5	5411235.4	46049.00000	308.10	0	48.854070	-86.939725	56135.56	56233.7	16.26	56151.82	56148.99609	56119.25546	56111.00000	504421.5	5411235.4
L4420.0	504421.5	5411237.5	46049.10156	309.25	0	48.854089	-86.939726	56135.42	56233.7	16.26	56151.68	56148.89844	56116.57097	56108.33594	504421.5	5411237.5
L4420.0	504421.5	5411239.0	46049.19922	309.51	0	48.854102	-86.939726	56135.50	56233.7	16.26	56151.75	56149.01172	56116.44551	56108.22656	504421.5	5411239.0
L4420.0	504421.5	5411239.0	46049.30078	308.75	0	48.854102	-86.939726	56136.02	56233.7	16.25	56152.28	56149.58203	56122.79728	56114.60156	504421.5	5411239.0
L4420.0	504421.5	5411241.0	46049.39844	306.70	0	48.854120	-86.939726	56135.88	56233.7	16.25	56152.13	56149.47266	56117.65188	56109.47656	504421.5	5411241.0
L4420.0	504421.5	5411241.0	46049.50000	306.90	0	48.854120	-86.939726	56136.40	56233.8	16.25	56152.65	56150.03125	56122.28827	56114.13281	504421.5	5411241.0
L4420.0	504421.5	5411242.9	46049.60156	306.91	0	48.854137	-86.939726	56136.86	56233.8	16.25	56153.11	56150.52734	56125.23354	56117.09766	504421.5	5411242.9
L4420.0	504421.5	5411244.6	46049.69922	308.80	0	48.854153	-86.939726	56136.81	56233.8	16.25	56153.06	56150.51172	56119.50265	56111.39063	504421.5	5411244.6
L4420.0	504421.5	5411244.6	46049.80078	311.02	0	48.854153	-86.939726	56137.59	56233.8	16.24	56153.84	56151.32422	56126.03347	56117.94141	504421.5	5411244.6
L4420.0	504421.5	5411246.2	46049.89844	310.14	0	48.854167	-86.939726	56138.00	56233.8	16.24	56154.24	56151.75781	56125.96810	56117.89844	504421.5	5411246.2
L4420.0	504421.5	5411248.0	46050.00000	310.53	0	48.854183	-86.939726	56138.32	56233.8	16.24	56154.56	56152.10938	56124.00607	56115.95703	504421.5	5411248.0
L4420.0	504421.5	5411248.0	46050.10156	308.25	0	48.854183	-86.939726	56139.27	56233.8	16.24	56155.51	56153.08984	56131.28885	56123.26563	504421.5	5411248.0
L4420.0	504421.5	5411249.6	46050.19922	308.43	0	48.854197	-86.939726	56139.64	56233.8	16.23	56155.88	56153.48828	56128.89828	56120.89453	504421.5	5411249.6
L4420.0	504421.5	5411251.1	46050.30078	309.00	0	48.854211	-86.939726	56140.36	56233.8	16.23	56156.59	56154.22656	56131.28842	56123.30859	504421.5	5411251.1
L4420.0	504421.5	5411251.1	46050.39844	310.28	0	48.854211	-86.939726	56140.90	56233.8	16.23	56157.13	56154.78906	56130.45717	56122.50000	504421.5	5411251.1
L4420.0	504421.5	5411252.9	46050.50000	310.15	0	48.854227	-86.939726	56141.42	56233.8	16.22	56157.64	56155.32422	56128.61971	56120.68750	504421.5	5411252.9
L4420.0	504421.4	5411254.6	46050.60156	308.77	0	48.854243	-86.939726	56142.30	56233.8	16.22	56158.52	56156.22656	56132.19583	56124.28906	504421.4	5411254.6
L4420.0	504421.4	5411256.1	46050.69922	309.66	0	48.854256	-86.939726	56143.26	56233.8	16.22	56159.48	56157.21094	56136.63026	56128.74609	504421.4	5411256.1
L4420.0	504421.4	5411256.1	46050.80078	310.66	0	48.854256	-86.939726	56143.77	56233.8	16.22	56159.98	56157.73047	56133.21703	56125.35938	504421.4	5411256.1
L4420.0	504421.4	5411258.2	46050.89844	311.93	0	48.854276	-86.939726	56144.98	56233.8	16.21	56161.19	56158.96094	56140.91958	56133.08594	504421.4	5411258.2
L4420.0	504421.4	5411258.2	46051.00000	313.81	0	48.854276	-86.939726	56145.62	56233.8	16.21	56161.83	56159.61719	56138.97812	56131.17188	504421.4	5411258.2
L4420.0	504421.4	5411260.2	46051.10156	313.04	0	48.854293	-86.939727	56146.40	56233.8	16.21	56162.61	56160.41406	56138.96167	56131.17969	504421.4	5411260.2
L4420.0	504421.4	5411261.7	46051.19922	310.09	0	48.854307	-86.939727	56147.71	56233.8	16.21	56163.91	56161.73047	56147.22589	56139.46875	504421.4	5411261.7
L4420.0	504421.3	5411263.3	46051.30078	309.60	0	48.854321	-86.939727	56148.09	56233.8	16.20	56164.29	56162.12500	56139.95999	56132.23047	504421.3	5411263.3
L4420.0	504421.3	5411264.9	46051.39844	310.57	0	48.854335	-86.939727	56149.43	56233.8	16.20	56165.64	56163.48828	56148.55765	56140.85156	504421.3	5411264.9
L4420.0	504421.3	5411264.9	46051.50000	309.51	0	48.854335	-86.939727	56150.29	56233.8	16.20	56166.49	56164.35156	56148.59318	56140.91406	504421.3	5411264.9
L4420.0	504421.3	5411266.6	46051.60156	310.85	0	48.854351	-86.939728	56151.20	56233.8	16.20	56167.40	56165.27344	56149.41717	56141.76563	504421.3	5411266.6
L4420.0	504421.3	5411267.9	46051.69922	312.27	0	48.854362	-86.939728	56152.55	56233.8	16.20	56168.74	56166.62109	56157.26844	56149.64453	504421.3	5411267.9
L4420.0	504421.3	5411267.9	46051.80078	309.87	0	48.854362	-86.939728	56153.08	56233.8	16.19	56169.27	56167.16016	56151.36017	56143.76172	504421.3	5411267.9
L4420.0	504421.3	5411270.2	46051.89844	308.97	0	48.854383	-86.939728	56154.21	56233.8	16.19	56170.41	56168.30859	56155.53986	56147.96875	504421.3	5411270.2
L4420.0	504421.3	5411270.2	46052.00000	309.92	0	48.854383	-86.939728	56155.14	56233.8	16.19	56171.33	56169.23438	56155.90286	56148.35938	504421.3	5411270.2
L4420.0	504421.3	5411271.7	46052.10156	309.82	0	48.854397	-86.939727	56156.04	56233.8	16.19	56172.23	56170.14063	56155.82903	56148.31641	504421.3	5411271.7
L4420.0	504421.3	5411273.0	46052.19922	311.24	0	48.854409	-86.939727	56157.25	56233.8	16.18	56173.43	56171.34766	56160.67366	56153.18750	504421.3	5411273.0
L4420.0	504421.3	5411274.3	46052.30078	312.16	0	48.854420	-86.939727	56158.10	56233.8	16.18	56174.28	56172.19922	56159.61387	56152.15625	504421.3	5411274.3
L4420.0	504421.3	5411276.2	46052.39844	311.93	0	48.854437	-86.939727	56159.13	56233.8	16.18	56175.31	56173.23438	56161.49882	56154.07031	504421.3	5411276.2
L4420.0	504421.3	5411276.2	46052.50000	310.20	0	48.854437	-86.939727	56160.18	56233.8	16.18	56176.36	56174.28516	56163.67651	56156.27734	504421.3	5411276.2
L4420.0	504421.3	5411278.1	46052.60156	308.23	0	48.854454	-86.939727	56161.09	56233.8	16.17	56177.26	56175.18359	56163.36091	56155.98828	504421.3	5411278.1
L4420.0	504421.4	5411279.6	46052.69922	307.84	0	48.854467	-86.939727	56162.42	56233.8	16.17	56178.59	56176.51563	56170.11090	56162.76953	504421.4	5411279.6
L4420.0	504421.4	5411279.6	46052.80078	307.21	0	48.854467	-86.939727	56163.16	56233.8	16.17	56179.33	56177.25391	56167.18413	56159.87109	504421.4	5411279.6
L4420.0	504421.4	5411281.1	46052.89844	310.63	0	48.854482	-86.939727	56164.08	56233.8	16.16	56180.25	56178.17188	56167.24474	56159.96484	504421.4	5411281.1
L4420.0	504421.4	5411282.7	46053.00000	309.71	0	48.854495	-86.939726	56165.29	56233.8	16.16	56181.45	56179.37109	56171.90824	56164.65625	504421.4	5411282.7
L4420.0	504421.4	5411284.4	46053.10156	309.67	0	48.854511	-86.939726	56166.38	56233.8	16.16	56182.54	56180.45703	56174.82034	56167.59766	504421.4	5411284.4
L4420.0	504421.4	5411286.5	46053.19922	308.15	0	48.854530	-86.939726	56167.02	56233.8	16.15	56183.17	56181.08203	56170.33076	56163.14063	504421.4	5411286.5
L4420.0	504421.4	5411287.6	46053.30078	307.27	0	48.854540	-86.939726	56168.46	56233.8	16.15	56184.62	56182.52734	56179.20573	56172.04688	504421.4	5411287.6
L4420.0	504421.4	5411287.6	46053.39844	309.60	0	48.854540	-86.939726	56169.39	56233.9	16.15	56185.54	56183.44531	56179.57564	56172.44531	504421.4	5411287.6
L4420.0	504421.5	5411288.8	46053.50000	310.49	0	48.854550	-86.939725	56170.06	56233.9	16.15	56186.20	56184.09766	56175.84592	56168.75000	504421.5	5411288.8
L4420.0	504421.5	5411290.7	46053.60156	309.27	0	48.854568	-86.939725	56171.54	56233.9	16.14	56187.68	56185.57031	56185.44940	56178.38281	504421.5	5411290.7
L4420.0	504421.5	5411290.7	46053.69922	308.67	0	48.854568	-86.939725	56172.13	56233.9	16.14	56188.26	56186.14453	56180.65526	56173.62109	504421.5	5411290.7
L4420.0	504421.5	5411292.9	46053.80078	307.41	0	48.854587	-86.939725	56173.03	56233.9	16.14	56189.16	56187.03516	56181.13850	56174.13672	504421.5	5411292.9
L4420.0	504421.5	5411292.9	46053.89844	308.00	0	48.854587	-86.939725	56174.45	56233.9	16.13	56190.58	56188.44531	56190.08371	56183.11328	504421.5	5411292.9
L4420.0	504421.5	5411294.2	46054.00000	309.20	0	48.854599	-86.939725	56174.86	56233.9	16.13	56190.99	56188.84766	56182.96730	56176.03125	504421.5	5411294.2
L4420.0	504421.5	5411295.9	46054.10156	309.58	0	48.854615	-86.939725	56175.96	56233.9	16.13	56192.08	56189.92969	56186.87220	56179.96875	504421.5	5411295.9
L4420.0	504421.5	5411297.9	46054.19922	310.00	0	48.854633	-86.939725	56177.00	56233.9	16.12	56193.13	56190.96875	56190.26068	56183.39063	504421.5	5411297.9
L4420.0	504421.5	5411297.9	46054.30078	308.30	0	48.854633	-86.939725	56177.64	56233.9	16.12	56193.76	56191.58594	56187.11485	56180.27734	504421.5	5411297.9
L4420.0	504421.5	5411300.0	46054.39844	308.43	0	48.854652	-86.939725	56178.70	56233.9	16.12	56194.82	56192.63672	56190.92985	56184.12500	504421.5	5411300.0
L4420.0	504421.5	5411300.0	46054.50000	310.39	0	48.854652	-86.939725	56179.71	56233.9	16.11	56195.82	56193.62500	56193.92081	56187.15234	504421.5	5411300.0
L4420.0	504421.5	5411301.5	46054.60156	310.42	0	48.854665	-86.939725	56180.37	56233.9	16.11	56196.48	56194.27344	56191.71434	56184.98047	504421.5	5411301.5
L4420.0	504421.5	5411303.0	46054.69922	310.25	0	48.854678	-86.939725	56181.27	56233.9	16.11	56197.38	56195.16016	56193.41897	56186.71875	504421.5	5411303.0
L4420.0	504421.5	5411304.7	46054.80078	308.72	0	48.854694	-86.939724	56182.18	56233.9	16.11	56198.28	56196.04688	56195.25916	56188.59375	504421.5	5411304.7
L4420.0	504421.5	5411304.7	46054.89844	309.36	0	48.854694	-86.939724	56182.92	56233.9	16.10	56199.02	56196.77344	56194.76124	56188.12891	504421.5	5411304.7
L4420.0	504421.5	5411306.3	46055.00000	306.73	0	48.854708	-86.939724	56183.62	56233.9	16.10	56199.72	56197.46094	56193.79805	56187.20313	504421.5	5411306.3
L4420.0	504421.5	5411307.8	46055.10156	305.75	0	48.854722	-86.939724	56184.86	56233.9	16.10	56200.96	56198.68750	56201.28098	56194.71875	504421.5	5411307.8
L4420.0	504421.5	5411309.3	46055.19922	307.19	0	48.854735	-86.939724	56185.14	56233.9	16.10	56201.24	56198.95313	56194.15250	56187.62500	504421.5	5411309.3
L4420.0	504421.5	5411310.9	46055.30078	307.53	0	48.854749	-86.939724	56186.24	56233.9	16.10	56202.34	56200.03906	56199.75095	56193.26172	504421.5	5411310.9
L4420.0	504421.5	5411310.9	46055.39844	310.12	0	48.854749	-86.939724	56187.16	56233.9	16.10	56203.26	56200.94531	56202.72991	56196.27734	504421.5	5411310.9
L4420.0	504421.5	5411313.1	46055.50000	307.95	0	48.854769	-86.939724	56187.56	56233.9	16.10	56203.66	56201.33203	56197.85590	56191.43750	504421.5	5411313.1
L4420.0	504421.5	5411314.6	46055.60156	307.79	0	48.854783	-86.939724	56188.71	56233.9	16.10	56204.81	56202.46875	56204.66845	56198.28516	504421.5	5411314.6
L4420.0	504421.5	5411314.6	46055.69922	308.70	0	48.854783	-86.939724	56189.16	56233.9	16.10	56205.26	56202.90234	56200.81946	56194.47266	504421.5	5411314.6
L4420.0	504421.5	5411316.5	46055.80078	308.72	0	48.854800	-86.939724	56189.96	56233.9	16.10	56206.06	56203.68750	56202.52155	56196.21094	504421.5	5411316.5
L4420.0	504421.5	5411316.5	46055.89844	308.01	0	48.854800	-86.939724	56190.94	56233.9	16.10	56207.04	56204.65234	56207.18488	56200.91406	504421.5	5411316.5
L4420.0	504421.5	5411318.0	46056.00000	308.19	0	48.854813	-86.939724	56191.39	56233.9	16.10	56207.49	56205.08594	56203.71495	56197.48047	504421.5	5411318.0
L4420.0	504421.5	5411319.8	46056.10156	308.75	0	48.854829	-86.939724	56192.14	56233.9	16.10	56208.24	56205.82031	56205.07645	56198.87891	504421.5	5411319.8
L4420.0	504421.5	5411319.8	46056.19922	307.83	0	48.854829	-86.939724	56193.14	56233.9	16.10	56209.24	56206.80859	56210.51952	56204.35938	504421.5	5411319.8
L4420.0	504421.5	5411322.3	46056.30078	307.47	0	48.854851	-86.939724	56193.50	56233.9	16.09	56209.60	56207.15234	56206.02767	56199.90625	504421.5	5411322.3
L4420.0	504421.5	5411323.4	46056.39844	309.81	0	48.854862	-86.939724	56194.18	56233.9	16.09	56210.27	56207.80859	56206.55692	56200.47266	504421.5	5411323.4
L4420.0	504421.5	5411324.9	46056.50000	310.59	0	48.854875	-86.939724	56194.93	56233.9	16.09	56211.02	56208.54297	56208.48664	56202.43750	504421.5	5411324.9
L4420.0	504421.5	5411324.9	46056.60156	312.51	0	48.854875	-86.939724	56195.40	56233.9	16.09	56211.49	56208.99609	56206.15091	56200.14063	504421.5	5411324.9
L4420.0	504421.5	5411326.9	46056.69922	311.87	0	48.854893	-86.939724	56196.40	56233.9	16.09	56212.48	56209.97266	56212.10746	56206.13672	504421.5	5411326.9
L4420.0	504421.5	5411328.2	46056.80078	311.55	0	48.854905	-86.939724	56196.96	56233.9	16.08	56213.04	56210.51563	56211.45281	56205.51953	504421.5	5411328.2
L4420.0	504421.5	5411329.7	46056.89844	310.44	0	48.854918	-86.939724	56197.46	56233.9	16.08	56213.55	56211.01172	56210.16983	56204.27344	504421.5	5411329.7
L4420.0	504421.5	5411329.7	46057.00000	309.76	0	48.854918	-86.939724	56198.28	56233.9	16.08	56214.36	56211.80469	56213.63188	56207.77344	504421.5	5411329.7
L4420.0	504421.5	5411331.8	46057.10156	309.52	0	48.854937	-86.939725	56198.75	56233.9	16.08	56214.83	56212.26172	56212.00924	56206.19141	504421.5	5411331.8
L4420.0	504421.5	5411331.8	46057.19922	309.67	0	48.854937	-86.939725	56199.55	56233.9	16.08	56215.63	56213.04688	56215.49092	56209.71094	504421.5	5411331.8
L4420.0	504421.5	5411334.3	46057.30078	308.39	0	48.854960	-86.939725	56200.29	56233.9	16.07	56216.36	56213.76172	56217.97831	56212.23438	504421.5	5411334.3
L4420.0	504421.4	5411335.1	46057.39844	307.17	0	48.854967	-86.939725	56200.63	56233.9	16.07	56216.71	56214.09766	56214.97073	56209.26563	504421.4	5411335.1
L4420.0	504421.4	5411336.4	46057.50000	306.39	0	48.854979	-86.939725	56201.47	56233.9	16.07	56217.54	56214.91406	56219.07464	56213.41016	504421.4	5411336.4
L4420.0	504421.4	5411336.4	46057.60156	306.49	0	48.854979	-86.939725	56201.74	56233.9	16.07	56217.81	56215.17188	56215.21120	56209.58203	504421.4	5411336.4
L4420.0	504421.4	5411338.3	46057.69922	304.93	0	48.854996	-86.939725	56202.86	56233.9	16.07	56218.92	56216.26563	56223.35759	56217.76953	504421.4	5411338.3
L4420.0	504421.4	5411340.6	46057.80078	305.73	0	48.855016	-86.939726	56202.96	56233.9	16.06	56219.02	56216.35156	56217.37622	56211.82422	504421.4	5411340.6
L4420.0	504421.4	5411340.6	46057.89844	307.76	0	48.855016	-86.939726	56203.77	56233.9	16.06	56219.83	56217.14844	56221.38090	56215.86719	504421.4	5411340.6
L4420.0	504421.4	5411342.1	46058.00000	306.58	0	48.855030	-86.939726	56204.07	56233.9	16.06	56220.13	56217.43750	56216.24077	56210.76563	504421.4	5411342.1
L4420.0	504421.4	5411343.2	46058.10156	305.75	0	48.855040	-86.939726	56204.67	56233.9	16.06	56220.73	56218.02344	56218.92064	56213.48438	504421.4	5411343.2

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4420.0	504421.4	5411343.2	46058.19922	305.19	0	48.855040	-86.939726	56205.13	56233.9	16.06	56221.18	56218.46094	56217.28303	56211.88281	504421.4	5411343.2
L4420.0	504421.3	5411344.8	46058.30078	307.39	0	48.855054	-86.939726	56205.74	56233.9	16.05	56221.79	56219.05859	56220.56578	56215.20703	504421.3	5411344.8
L4420.0	504421.3	5411346.1	46058.39844	308.34	0	48.855066	-86.939726	56206.02	56233.9	16.05	56222.07	56219.32813	56214.08792	56208.76563	504421.3	5411346.1
L4420.0	504421.3	5411347.5	46058.50000	309.35	0	48.855078	-86.939727	56206.93	56233.9	16.05	56222.98	56220.22656	56226.48402	56221.19922	504421.3	5411347.5
L4420.0	504421.3	5411347.5	46058.60156	306.97	0	48.855078	-86.939727	56207.22	56234	16.05	56223.27	56220.50391	56220.33978	56215.09375	504421.3	5411347.5
L4420.0	504421.3	5411349.0	46058.69922	306.47	0	48.855092	-86.939727	56207.97	56234	16.05	56224.02	56221.24219	56224.27758	56219.06641	504421.3	5411349.0
L4420.0	504421.3	5411350.3	46058.80078	303.89	0	48.855103	-86.939727	56208.12	56234	16.04	56224.16	56221.37109	56219.59754	56214.42578	504421.3	5411350.3
L4420.0	504421.3	5411352.3	46058.89844	304.59	0	48.855122	-86.939727	56208.90	56234	16.04	56224.94	56222.14063	56223.79964	56218.66406	504421.3	5411352.3
L4420.0	504421.3	5411352.3	46059.00000	308.14	0	48.855122	-86.939727	56209.14	56234	16.04	56225.18	56222.37109	56220.49184	56215.39453	504421.3	5411352.3
L4420.0	504421.3	5411354.0	46059.10156	309.76	0	48.855137	-86.939727	56209.82	56234	16.04	56225.86	56223.04297	56223.43456	56218.37109	504421.3	5411354.0
L4420.0	504421.3	5411355.5	46059.19922	308.27	0	48.855150	-86.939727	56210.41	56234	16.04	56226.45	56223.62109	56225.17391	56220.14844	504421.3	5411355.5
L4420.0	504421.2	5411357.0	46059.30078	307.77	0	48.855164	-86.939728	56210.88	56234	16.04	56226.92	56224.08203	56225.22166	56220.23047	504421.2	5411357.0
L4420.0	504421.2	5411357.0	46059.39844	307.50	0	48.855164	-86.939728	56211.64	56234	16.04	56227.68	56224.83594	56229.60613	56224.65234	504421.2	5411357.0
L4420.0	504421.2	5411358.9	46059.50000	308.85	0	48.855181	-86.939728	56211.71	56234	16.04	56227.75	56224.89453	56223.74163	56218.82422	504421.2	5411358.9
L4420.0	504421.2	5411360.8	46059.60156	310.78	0	48.855199	-86.939728	56212.48	56234	16.04	56228.52	56225.65625	56228.41156	56223.53125	504421.2	5411360.8
L4420.0	504421.2	5411362.2	46059.69922	311.85	0	48.855210	-86.939728	56212.57	56234	16.04	56228.61	56225.74219	56222.75689	56217.91016	504421.2	5411362.2
L4420.0	504421.2	5411362.2	46059.80078	311.94	0	48.855210	-86.939728	56213.63	56234	16.04	56229.67	56226.79297	56232.05728	56227.24609	504421.2	5411362.2
L4420.0	504421.2	5411363.7	46059.89844	311.65	0	48.855224	-86.939729	56213.68	56234	16.04	56229.72	56226.83594	56225.75205	56220.97656	504421.2	5411363.7
L4420.0	504421.1	5411365.5	46060.00000	308.82	0	48.855240	-86.939729	56214.67	56234	16.04	56230.71	56227.82031	56234.16836	56229.42578	504421.1	5411365.5
L4420.0	504421.1	5411365.5	46060.10156	307.37	0	48.855240	-86.939729	56214.59	56234	16.04	56230.63	56227.73438	56225.77791	56221.07031	504421.1	5411365.5
L4420.0	504421.1	5411367.4	46060.19922	305.83	0	48.855257	-86.939729	56215.51	56234	16.03	56231.54	56228.63672	56233.05851	56228.38281	504421.1	5411367.4
L4420.0	504421.1	5411369.2	46060.30078	307.15	0	48.855273	-86.939729	56215.67	56234	16.03	56231.70	56228.79297	56228.46787	56223.82422	504421.1	5411369.2
L4420.0	504421.1	5411369.2	46060.39844	308.76	0	48.855273	-86.939729	56216.55	56234	16.03	56232.57	56229.65625	56235.19956	56230.58984	504421.1	5411369.2
L4420.0	504421.1	5411370.9	46060.50000	310.97	0	48.855289	-86.939729	56216.64	56234	16.03	56232.67	56229.75391	56229.69553	56225.12109	504421.1	5411370.9
L4420.0	504421.1	5411372.6	46060.60156	309.68	0	48.855305	-86.939729	56217.30	56234	16.02	56233.32	56230.39844	56232.97402	56228.42969	504421.1	5411372.6
L4420.0	504421.1	5411372.6	46060.69922	309.15	0	48.855305	-86.939729	56217.74	56234	16.02	56233.76	56230.83594	56232.93613	56228.42578	504421.1	5411372.6
L4420.0	504421.1	5411374.5	46060.80078	307.99	0	48.855322	-86.939730	56218.11	56234	16.02	56234.13	56231.20313	56231.82302	56227.34375	504421.1	5411374.5
L4420.0	504421.1	5411377.0	46060.89844	308.09	0	48.855344	-86.939730	56218.75	56234	16.01	56234.76	56231.82813	56234.83168	56230.38281	504421.1	5411377.0
L4420.0	504421.1	5411377.0	46061.00000	309.78	0	48.855344	-86.939730	56219.06	56234	16.01	56235.07	56232.13672	56232.84821	56228.42969	504421.1	5411377.0
L4420.0	504421.1	5411378.5	46061.10156	310.88	0	48.855357	-86.939730	56219.68	56234	16.01	56235.69	56232.75391	56235.71857	56231.33203	504421.1	5411378.5
L4420.0	504421.1	5411380.0	46061.19922	310.31	0	48.855371	-86.939730	56220.31	56234	16.01	56236.32	56233.38281	56238.72591	56234.36719	504421.1	5411380.0
L4420.0	504421.0	5411381.8	46061.30078	308.69	0	48.855387	-86.939730	56220.34	56234	16.01	56236.35	56233.41016	56232.61429	56228.28516	504421.0	5411381.8
L4420.0	504421.0	5411381.8	46061.39844	308.39	0	48.855387	-86.939730	56221.10	56234	16.01	56237.11	56234.17188	56237.61278	56233.31250	504421.0	5411381.8
L4420.0	504421.0	5411383.8	46061.50000	310.32	0	48.855405	-86.939730	56221.39	56234	16.01	56237.40	56234.46094	56235.57073	56231.30078	504421.0	5411383.8
L4420.0	504421.0	5411383.8	46061.60156	311.50	0	48.855405	-86.939730	56222.07	56234	16.01	56238.08	56235.14063	56239.32746	56235.08594	504421.0	5411383.8
L4420.0	504421.0	5411385.3	46061.69922	309.65	0	48.855419	-86.939730	56222.19	56234	16.01	56238.20	56235.25781	56234.92652	56230.71094	504421.0	5411385.3
L4420.0	504421.1	5411387.1	46061.80078	306.04	0	48.855434	-86.939730	56222.94	56234	16.01	56238.95	56236.00781	56239.68184	56235.49219	504421.1	5411387.1
L4420.0	504421.1	5411387.1	46061.89844	305.56	0	48.855434	-86.939730	56223.43	56234	16.01	56239.44	56236.50000	56240.68942	56236.52734	504421.1	5411387.1
L4420.0	504421.0	5411388.8	46062.00000	303.31	0	48.855450	-86.939730	56223.68	56234	16.01	56239.69	56236.75000	56238.35278	56234.21875	504421.0	5411388.8
L4420.0	504421.0	5411390.2	46062.10156	304.36	0	48.855463	-86.939730	56224.18	56234	16.01	56240.19	56237.25391	56239.56796	56235.46094	504421.0	5411390.2
L4420.0	504421.0	5411391.4	46062.19922	307.42	0	48.855474	-86.939730	56224.61	56234	16.00	56240.61	56237.67578	56239.69643	56235.61328	504421.0	5411391.4
L4420.0	504421.0	5411392.7	46062.30078	309.37	0	48.855485	-86.939730	56225.15	56234	16.00	56241.15	56238.21875	56241.50513	56237.44531	504421.0	5411392.7
L4420.0	504421.0	5411394.1	46062.39844	308.63	0	48.855498	-86.939730	56225.57	56234	15.99	56241.56	56238.62891	56241.55512	56237.51953	504421.0	5411394.1
L4420.0	504421.0	5411394.1	46062.50000	306.89	0	48.855498	-86.939730	56226.05	56234	15.99	56242.04	56239.11328	56242.59761	56238.58984	504421.0	5411394.1
L4420.0	504421.0	5411395.8	46062.60156	305.07	0	48.855513	-86.939730	56226.32	56234	15.99	56242.31	56239.38672	56240.78653	56236.80078	504421.0	5411395.8
L4420.0	504421.0	5411395.8	46062.69922	303.66	0	48.855513	-86.939730	56226.86	56234	15.98	56242.85	56239.92969	56242.72187	56238.75781	504421.0	5411395.8
L4420.0	504421.0	5411397.6	46062.80078	304.36	0	48.855530	-86.939730	56227.18	56234	15.98	56243.16	56240.24219	56241.49941	56237.55859	504421.0	5411397.6
L4420.0	504421.0	5411399.2	46062.89844	306.46	0	48.855544	-86.939730	56227.93	56234	15.97	56243.91	56240.99609	56246.49480	56242.57813	504421.0	5411399.2
L4420.0	504421.0	5411399.2	46063.00000	308.68	0	48.855544	-86.939730	56227.84	56234	15.97	56243.81	56240.90234	56239.46589	56235.57031	504421.0	5411399.2
L4420.0	504421.0	5411401.1	46063.10156	307.35	0	48.855561	-86.939730	56228.81	56234	15.97	56244.78	56241.87500	56247.81561	56243.94141	504421.0	5411401.1
L4420.0	504421.0	5411402.8	46063.19922	307.36	0	48.855576	-86.939731	56228.91	56234	15.97	56244.88	56241.98047	56243.59828	56239.74609	504421.0	5411402.8
L4420.0	504421.0	5411403.7	46063.30078	307.14	0	48.855584	-86.939731	56229.62	56234	15.97	56245.59	56242.69531	56248.42589	56244.59375	504421.0	5411403.7
L4420.0	504421.0	5411403.7	46063.39844	306.85	0	48.855584	-86.939731	56229.66	56234	15.97	56245.63	56242.74219	56243.21702	56239.40234	504421.0	5411403.7
L4420.0	504421.0	5411405.3	46063.50000	309.23	0	48.855599	-86.939731	56230.52	56234	15.97	56246.49	56243.60938	56250.56732	56246.77344	504421.0	5411405.3
L4420.0	504420.9	5411407.0	46063.60156	311.48	0	48.855614	-86.939731	56230.48	56234	15.97	56246.45	56243.57422	56244.02621	56240.25391	504420.9	5411407.0
L4420.0	504420.9	5411407.0	46063.69922	310.69	0	48.855614	-86.939731	56231.36	56234	15.97	56247.33	56244.46094	56251.97398	56248.21875	504420.9	5411407.0
L4420.0	504420.9	5411408.8	46063.80078	309.45	0	48.855630	-86.939731	56231.34	56234	15.97	56247.31	56244.44531	56245.65497	56241.91797	504420.9	5411408.8
L4420.0	504420.9	5411410.7	46063.89844	310.27	0	48.855647	-86.939732	56231.95	56234	15.97	56247.92	56245.06250	56249.47493	56245.75391	504420.9	5411410.7
L4420.0	504420.9	5411410.7	46064.00000	310.97	0	48.855647	-86.939732	56232.28	56234	15.97	56248.25	56245.40234	56248.80456	56245.10156	504420.9	5411410.7
L4420.0	504420.9	5411412.1	46064.10156	312.19	0	48.855660	-86.939732	56232.79	56234	15.97	56248.76	56245.91797	56251.12582	56247.44141	504420.9	5411412.1
L4420.0	504420.9	5411413.7	46064.19922	313.46	0	48.855674	-86.939732	56233.12	56234	15.96	56249.08	56246.24609	56250.35424	56246.68750	504420.9	5411413.7
L4420.0	504420.9	5411413.7	46064.30078	313.87	0	48.855674	-86.939732	56233.56	56234	15.96	56249.52	56246.69141	56251.60300	56247.95313	504420.9	5411413.7
L4420.0	504420.8	5411415.0	46064.39844	311.52	0	48.855685	-86.939732	56233.71	56234	15.96	56249.67	56246.85156	56248.07125	56244.43750	504420.8	5411415.0
L4420.0	504420.8	5411416.6	46064.50000	309.58	0	48.855700	-86.939733	56234.45	56234	15.96	56250.40	56247.58984	56254.20014	56250.58203	504420.8	5411416.6
L4420.0	504420.8	5411418.2	46064.60156	310.67	0	48.855714	-86.939733	56234.57	56234	15.95	56250.53	56247.72656	56250.41840	56246.81641	504420.8	5411418.2
L4420.0	504420.8	5411418.2	46064.69922	309.82	0	48.855714	-86.939733	56234.93	56234.1	15.95	56250.88	56248.08594	56250.32421	56246.73438	504420.8	5411418.2
L4420.0	504420.8	5411419.9	46064.80078	310.53	0	48.855730	-86.939733	56235.11	56234.1	15.95	56251.06	56248.27344	56247.50553	56243.92969	504420.8	5411419.9
L4420.0	504420.8	5411421.3	46064.89844	311.33	0	48.855742	-86.939733	56235.98	56234.1	15.94	56251.92	56249.14063	56255.74748	56252.18750	504420.8	5411421.3
L4420.0	504420.8	5411422.5	46065.00000	309.25	0	48.855753	-86.939733	56236.04	56234.1	15.94	56251.98	56249.21094	56251.09812	56247.55078	504420.8	5411422.5
L4420.0	504420.8	5411422.5	46065.10156	307.09	0	48.855753	-86.939733	56236.64	56234.1	15.94	56252.58	56249.82031	56255.11075	56251.57813	504420.8	5411422.5
L4420.0	504420.8	5411424.3	46065.19922	305.79	0	48.855769	-86.939733	56236.90	56234.1	15.94	56252.84	56250.08984	56253.77128	56250.25000	504420.8	5411424.3
L4420.0	504420.8	5411424.3	46065.30078	306.45	0	48.855769	-86.939733	56237.48	56234.1	15.94	56253.42	56250.67969	56257.43576	56253.92969	504420.8	5411424.3
L4420.0	504420.8	5411425.8	46065.39844	307.25	0	48.855783	-86.939734	56237.64	56234.1	15.94	56253.58	56250.84766	56254.65994	56251.16406	504420.8	5411425.8
L4420.0	504420.7	5411427.1	46065.50000	308.06	0	48.855795	-86.939734	56237.88	56234.1	15.94	56253.82	56251.09766	56253.19283	56249.71094	504420.7	5411427.1
L4420.0	504420.7	5411427.1	46065.60156	308.42	0	48.855795	-86.939734	56238.25	56234.1	15.94	56254.19	56251.47656	56253.73690	56250.26953	504420.7	5411427.1
L4420.0	504420.7	5411428.4	46065.69922	306.70	0	48.855806	-86.939734	56238.56	56234.1	15.94	56254.50	56251.79688	56253.42292	56249.96484	504420.7	5411428.4
L4420.0	504420.7	5411429.8	46065.80078	307.55	0	48.855819	-86.939734	56239.12	56234.1	15.94	56255.06	56252.36328	56256.83449	56253.38672	504420.7	5411429.8
L4420.0	504420.7	5411429.8	46065.89844	309.15	0	48.855819	-86.939734	56239.15	56234.1	15.94	56255.09	56252.40625	56252.48061	56249.04688	504420.7	5411429.8
L4420.0	504420.7	5411431.7	46066.00000	309.15	0	48.855836	-86.939734	56239.88	56234.1	15.94	56255.82	56253.14453	56258.43903	56255.01563	504420.7	5411431.7
L4420.0	504420.7	5411433.0	46066.10156	307.81	0	48.855847	-86.939735	56239.86	56234.1	15.94	56255.80	56253.13281	56253.44554	56250.03516	504420.7	5411433.0
L4420.0	504420.7	5411434.2	46066.19922	309.75	0	48.855858	-86.939735	56240.65	56234.1	15.94	56256.58	56253.92578	56260.22789	56256.82813	504420.7	5411434.2
L4420.0	504420.7	5411434.2	46066.30078	308.14	0	48.855858	-86.939735	56240.68	56234.1	15.93	56256.61	56253.96484	56256.03744	56252.64844	504420.7	5411434.2
L4420.0	504420.6	5411435.7	46066.39844	306.47	0	48.855872	-86.939735	56241.34	56234.1	15.93	56257.28	56254.64453	56261.34928	56257.96875	504420.6	5411435.7
L4420.0	504420.6	5411436.7	46066.50000	305.71	0	48.855881	-86.939735	56241.34	56234.1	15.93	56257.27	56254.64453	56256.60978	56253.24219	504420.6	5411436.7
L4420.0	504420.6	5411436.7	46066.60156	306.28	0	48.855881	-86.939735	56242.01	56234.1	15.93	56257.94	56255.32422	56262.10061	56258.74219	504420.6	5411436.7
L4420.0	504420.6	5411438.2	46066.69922	305.09	0	48.855895	-86.939735	56242.02	56234.1	15.93	56257.95	56255.34375	56257.69080	56254.34375	504420.6	5411438.2
L4420.0	504420.6	5411439.2	46066.80078	306.25	0	48.855903	-86.939736	56242.48	56234.1	15.92	56258.41	56255.81250	56260.16722	56256.82813	504420.6	5411439.2
L4420.0	504420.6	5411439.2	46066.89844	309.84	0	48.855903	-86.939736	56242.97	56234.1	15.92	56258.89	56256.30078	56263.05807	56259.73047	504420.6	5411439.2
L4420.0	504420.6	5411440.4	46067.00000	310.23	0	48.855914	-86.939736	56243.23	56234.1	15.92	56259.15	56256.57422	56262.61284	56259.29297	504420.6	5411440.4
L4420.0	504420.6	5411441.7	46067.10156	309.52	0	48.855926	-86.939736	56243.53	56234.1	15.92	56259.45	56256.88281	56262.85119	56259.54297	504420.6	5411441.7
L4420.0	504420.5	5411442.7	46067.19922	310.08	0	48.855935	-86.939736	56243.64	56234.1	15.92	56259.57	56257.01172	56260.27384	56256.97656	504420.5	5411442.7
L4420.0	504420.5	5411442.7	46067.30078	309.47	0	48.855935	-86.939736	56244.34	56234.1	15.92	56260.27	56257.72266	56267.08383	56263.79297	504420.5	5411442.7
L4420.0	504420.5	5411443.9	46067.39844	309.58	0	48.855946	-86.939736	56244.31	56234.1	15.92	56260.23	56257.69141	56262.01637	56258.73438	504420.5	5411443.9

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4420.0	504420.5	5411444.8	46067.50000	313.45	0	48.855953	-86.939736	56244.75	56234.1	15.93	56260.68	56258.15234	56264.98611	56261.71484	504420.5	5411444.8
L4420.0	504420.5	5411444.8	46067.60156	314.53	0	48.855953	-86.939736	56244.71	56234.1	15.93	56260.64	56258.12109	56259.95236	56256.69141	504420.5	5411444.8
L4420.0	504420.5	5411446.0	46067.69922	314.13	0	48.855964	-86.939737	56245.14	56234.1	15.93	56261.07	56258.55859	56262.76078	56259.51172	504420.5	5411446.0
L4420.0	504420.5	5411447.0	46067.80078	309.72	0	48.855974	-86.939737	56245.40	56234.1	15.93	56261.33	56258.82813	56262.82526	56259.58203	504420.5	5411447.0
L4420.0	504420.5	5411447.0	46067.89844	309.52	0	48.855974	-86.939737	56245.81	56234.1	15.93	56261.73	56259.23828	56265.32589	56262.09375	504420.5	5411447.0
L4420.0	504420.5	5411448.1	46068.00000	310.12	0	48.855984	-86.939737	56245.91	56234.1	15.93	56261.84	56259.35938	56263.01166	56259.78906	504420.5	5411448.1
L4420.0	504420.5	5411449.3	46068.10156	310.70	0	48.855994	-86.939737	56246.04	56234.1	15.93	56261.96	56259.48828	56260.92876	56257.71484	504420.5	5411449.3
L4420.0	504420.4	5411450.3	46068.19922	311.05	0	48.856004	-86.939738	56246.41	56234.1	15.93	56262.34	56259.87500	56263.33317	56260.12891	504420.4	5411450.3
L4420.0	504420.4	5411451.3	46068.30078	310.95	0	48.856013	-86.939738	56246.85	56234.1	15.93	56262.78	56260.32422	56266.83078	56263.63672	504420.4	5411451.3
L4420.0	504420.4	5411451.3	46068.39844	310.23	0	48.856013	-86.939738	56247.16	56234.1	15.93	56263.09	56260.64453	56268.18529	56265.00000	504420.4	5411451.3
L4420.0	504420.4	5411452.2	46068.50000	310.14	0	48.856021	-86.939738	56247.36	56234.1	15.92	56263.28	56260.84375	56267.57514	56264.40234	504420.4	5411452.2
L4420.0	504420.4	5411453.3	46068.60156	309.64	0	48.856030	-86.939738	56247.54	56234.1	15.92	56263.47	56261.04297	56267.03846	56263.87500	504420.4	5411453.3
L4420.0	504420.4	5411454.2	46068.69922	310.89	0	48.856038	-86.939738	56247.67	56234.1	15.92	56263.59	56261.17188	56265.41296	56262.25781	504420.4	5411454.2
L4420.0	504420.4	5411454.2	46068.80078	310.16	0	48.856038	-86.939738	56248.02	56234.1	15.92	56263.94	56261.52734	56267.67168	56264.52734	504420.4	5411454.2
L4420.0	504420.4	5411455.2	46068.89844	310.57	0	48.856047	-86.939738	56248.08	56234.1	15.92	56264.00	56261.59766	56265.22130	56262.08594	504420.4	5411455.2
L4420.0	504420.4	5411455.2	46069.00000	311.40	0	48.856047	-86.939738	56248.41	56234.1	15.92	56264.33	56261.93359	56267.24584	56264.12109	504420.4	5411455.2
L4420.0	504420.4	5411456.4	46069.10156	312.34	0	48.856058	-86.939738	56248.56	56234.1	15.92	56264.48	56262.09375	56266.41468	56263.30078	504420.4	5411456.4
L4420.0	504420.4	5411456.4	46069.19922	311.14	0	48.856058	-86.939738	56248.79	56234.1	15.91	56264.70	56262.32031	56266.76886	56263.66797	504420.4	5411456.4
L4420.0	504420.4	5411457.5	46069.30078	309.57	0	48.856068	-86.939738	56249.20	56234.1	15.91	56265.11	56262.73828	56270.14319	56267.05078	504420.4	5411457.5
L4420.0	504420.4	5411458.9	46069.39844	308.33	0	48.856080	-86.939738	56248.99	56234.1	15.91	56264.90	56262.53906	56263.92096	56260.83984	504420.4	5411458.9
L4420.0	504420.4	5411458.9	46069.50000	308.12	0	48.856080	-86.939738	56249.48	56234.1	15.90	56265.39	56263.03516	56268.59015	56265.51953	504420.4	5411458.9
L4420.0	504420.4	5411459.6	46069.60156	308.10	0	48.856087	-86.939738	56249.48	56234.1	15.90	56265.38	56263.03125	56265.64990	56262.58984	504420.4	5411459.6
L4420.0	504420.4	5411459.6	46069.69922	307.99	0	48.856087	-86.939738	56249.71	56234.1	15.90	56265.61	56263.26953	56266.41799	56263.37109	504420.4	5411459.6
L4420.0	504420.4	5411461.2	46069.80078	306.71	0	48.856102	-86.939739	56249.59	56234.1	15.90	56265.48	56263.14844	56261.86768	56258.83203	504420.4	5411461.2
L4420.0	504420.4	5411461.2	46069.89844	304.92	0	48.856102	-86.939739	56250.09	56234.1	15.89	56265.98	56263.65625	56266.73903	56263.71484	504420.4	5411461.2
L4420.0	504420.4	5411462.2	46070.00000	306.66	0	48.856110	-86.939739	56250.40	56234.1	15.89	56266.29	56263.97266	56268.80600	56265.79297	504420.4	5411462.2
L4420.0	504420.4	5411463.1	46070.10156	306.37	0	48.856118	-86.939739	56250.42	56234.1	15.89	56266.31	56264.00000	56266.66272	56263.66406	504420.4	5411463.1
L4420.0	504420.4	5411463.7	46070.19922	307.28	0	48.856124	-86.939739	56250.63	56234.1	15.89	56266.53	56264.22656	56267.49765	56264.51172	504420.4	5411463.7
L4420.0	504420.4	5411463.7	46070.30078	309.07	0	48.856124	-86.939739	56251.06	56234.1	15.89	56266.96	56264.66406	56271.43006	56268.45703	504420.4	5411463.7
L4420.0	504420.4	5411464.3	46070.39844	311.93	0	48.856129	-86.939738	56251.29	56234.1	15.89	56267.19	56264.89844	56272.49911	56269.53906	504420.4	5411464.3
L4420.0	504420.4	5411465.0	46070.50000	311.89	0	48.856136	-86.939738	56251.27	56234.1	15.90	56267.16	56264.87500	56269.84024	56266.89063	504420.4	5411465.0
L4420.0	504420.4	5411465.8	46070.60156	309.44	0	48.856143	-86.939739	56251.44	56234.1	15.90	56267.34	56265.06250	56270.28581	56267.35156	504420.4	5411465.8
L4420.0	504420.4	5411465.8	46070.69922	307.10	0	48.856143	-86.939739	56251.44	56234.1	15.90	56267.34	56265.07031	56268.15024	56265.23047	504420.4	5411465.8
L4420.0	504420.4	5411466.5	46070.80078	307.70	0	48.856149	-86.939739	56251.80	56234.1	15.90	56267.70	56265.43359	56271.34020	56268.43359	504420.4	5411466.5
L4420.0	504420.3	5411467.2	46070.89844	309.50	0	48.856155	-86.939739	56251.70	56234.1	15.90	56267.60	56265.33984	56267.81016	56264.91797	504420.3	5411467.2
L4420.0	504420.3	5411468.0	46071.00000	310.75	0	48.856162	-86.939739	56252.00	56234.1	15.90	56267.90	56265.64844	56270.24252	56267.36328	504420.3	5411468.0
L4420.0	504420.3	5411468.0	46071.10156	310.96	0	48.856162	-86.939739	56252.00	56234.1	15.90	56267.90	56265.65234	56268.25877	56265.39453	504420.3	5411468.0
L4420.0	504420.3	5411468.6	46071.19922	308.67	0	48.856168	-86.939739	56252.16	56234.1	15.90	56268.06	56265.82031	56268.71427	56265.86328	504420.3	5411468.6
L4420.0	504420.4	5411469.2	46071.30078	307.94	0	48.856173	-86.939738	56252.42	56234.1	15.90	56268.32	56266.08594	56270.75083	56267.91406	504420.4	5411469.2
L4420.0	504420.4	5411469.9	46071.39844	308.42	0	48.856180	-86.939738	56252.48	56234.1	15.90	56268.38	56266.14844	56269.79970	56266.98047	504420.4	5411469.9
L4420.0	504420.4	5411469.9	46071.50000	309.56	0	48.856180	-86.939738	56252.54	56234.1	15.90	56268.43	56266.20313	56268.72985	56265.92578	504420.4	5411469.9
L4420.0	504420.4	5411470.6	46071.60156	310.33	0	48.856186	-86.939738	56252.45	56234.1	15.89	56268.34	56266.12109	56265.51375	56262.72266	504420.4	5411470.6
L4420.0	504420.4	5411470.6	46071.69922	312.31	0	48.856186	-86.939738	56253.02	56234.1	15.89	56268.92	56266.70703	56272.81539	56270.04297	504420.4	5411470.6
L4420.0	504420.4	5411471.3	46071.80078	311.80	0	48.856192	-86.939738	56253.08	56234.1	15.89	56268.97	56266.76172	56271.89431	56269.13672	504420.4	5411471.3
L4420.0	504420.4	5411471.7	46071.89844	309.32	0	48.856196	-86.939738	56253.46	56234.1	15.89	56269.35	56267.14453	56276.25263	56273.50781	504420.4	5411471.7
L4420.0	504420.4	5411471.7	46072.00000	308.21	0	48.856196	-86.939738	56253.28	56234.1	15.89	56269.17	56266.97266	56271.75447	56269.02734	504420.4	5411471.7
L4420.0	504420.4	5411472.4	46072.10156	306.55	0	48.856202	-86.939737	56253.36	56234.1	15.89	56269.25	56267.05469	56271.42680	56268.71875	504420.4	5411472.4
L4420.0	504420.5	5411473.0	46072.19922	305.34	0	48.856207	-86.939737	56253.36	56234.1	15.89	56269.24	56267.05078	56269.68911	56266.99609	504420.5	5411473.0
L4420.0	504420.5	5411473.0	46072.30078	305.86	0	48.856207	-86.939737	56253.46	56234.1	15.89	56269.35	56267.16406	56269.91649	56267.23828	504420.5	5411473.0
L4420.0	504420.5	5411473.5	46072.39844	305.00	0	48.856212	-86.939737	56253.62	56234.1	15.89	56269.51	56267.33203	56270.98255	56268.32031	504420.5	5411473.5
L4420.0	504420.5	5411473.8	46072.50000	308.70	0	48.856215	-86.939737	56253.85	56234.1	15.88	56269.73	56267.55469	56273.03142	56270.38672	504420.5	5411473.8
L4420.0	504420.5	5411473.8	46072.60156	311.75	0	48.856215	-86.939737	56253.89	56234.1	15.88	56269.77	56267.60156	56272.22134	56269.59375	504420.5	5411473.8
L4420.0	504420.5	5411474.3	46072.69922	310.86	0	48.856219	-86.939736	56254.05	56234.1	15.88	56269.93	56267.76563	56273.33136	56270.72266	504420.5	5411474.3
L4420.0	504420.5	5411474.7	46072.80078	310.54	0	48.856223	-86.939736	56254.02	56234.1	15.88	56269.90	56267.73828	56271.48096	56268.88672	504420.5	5411474.7
L4420.0	504420.5	5411474.7	46072.89844	310.18	0	48.856223	-86.939736	56254.20	56234.1	15.88	56270.08	56267.92188	56272.90865	56270.33203	504420.5	5411474.7
L4420.0	504420.5	5411475.2	46073.00000	311.58	0	48.856227	-86.939736	56254.31	56234.1	15.88	56270.18	56268.02734	56273.09618	56270.53906	504420.5	5411475.2
L4420.0	504420.6	5411475.5	46073.10156	316.42	0	48.856230	-86.939736	56254.25	56234.1	15.88	56270.13	56267.98438	56271.06742	56268.52734	504420.6	5411475.5
L4420.0	504420.6	5411475.5	46073.19922	316.71	0	48.856230	-86.939736	56254.38	56234.1	15.88	56270.26	56268.11719	56271.72602	56269.20313	504420.6	5411475.5
L4420.0	504420.6	5411475.9	46073.30078	314.06	0	48.856234	-86.939735	56254.23	56234.1	15.88	56270.11	56267.97266	56268.40579	56265.89844	504420.6	5411475.9
L4420.0	504420.6	5411476.3	46073.39844	309.94	0	48.856237	-86.939735	56254.36	56234.1	15.88	56270.24	56268.10547	56269.10249	56266.61328	504420.6	5411476.3
L4420.0	504420.6	5411476.3	46073.50000	308.00	0	48.856237	-86.939735	56254.38	56234.1	15.88	56270.26	56268.12891	56267.35873	56264.88672	504420.6	5411476.3
L4420.0	504420.6	5411476.5	46073.60156	307.04	0	48.856239	-86.939735	56254.51	56234.1	15.88	56270.39	56268.26563	56268.99191	56266.53906	504420.6	5411476.5
L4430.0	504428.9	5407844.7	85287.10156	224.03	44.03	48.823567	-86.939661	56233.19	56279.1	-29.06	56204.13	56168.85156	56246.44561	56209.45703	504428.9	5407844.7
L4430.0	504428.9	5407844.7	85287.20313	225.18	44.81	48.823567	-86.939661	56232.56	56279.1	-29.06	56203.50	56168.25781	56245.77419	56208.96094	504428.9	5407844.7
L4430.0	504428.9	5407844.8	85287.29688	226.70	45.09	48.823569	-86.939661	56234.04	56279.1	-29.07	56204.97	56169.76953	56244.98134	56208.33984	504428.9	5407844.8
L4430.0	504428.9	5407844.9	85287.39844	227.83	45.09	48.823570	-86.939661	56233.41	56279.1	-29.07	56204.34	56169.17969	56244.34664	56207.88281	504428.9	5407844.9
L4430.0	504428.9	5407845.1	85287.50000	226.12	47.03	48.823571	-86.939661	56233.71	56279.1	-29.07	56204.64	56169.51953	56243.66767	56207.37891	504428.9	5407845.1
L4430.0	504429.0	5407845.2	85287.60156	224.71	47.03	48.823572	-86.939660	56234.60	56279.1	-29.07	56205.53	56170.44922	56242.96667	56206.85156	504429.0	5407845.2
L4430.0	504429.0	5407845.2	85287.70313	225.33	48.67	48.823572	-86.939660	56235.62	56279.1	-29.07	56206.55	56171.51172	56242.27388	56206.33203	504429.0	5407845.2
L4430.0	504429.0	5407845.4	85287.79688	223.71	46.79	48.823574	-86.939660	56235.04	56279.1	-29.08	56205.97	56170.97266	56241.70421	56205.93750	504429.0	5407845.4
L4430.0	504429.0	5407845.6	85287.89844	223.44	43.68	48.823576	-86.939660	56235.16	56279.1	-29.08	56206.08	56171.12109	56241.10458	56205.51172	504429.0	5407845.6
L4430.0	504429.0	5407845.8	85288.00000	223.55	43.68	48.823578	-86.939659	56235.04	56279.1	-29.08	56205.96	56171.04297	56240.53589	56205.12109	504429.0	5407845.8
L4430.0	504429.1	5407846.0	85288.10156	224.11	42	48.823580	-86.939659	56235.49	56279.1	-29.08	56206.41	56171.53906	56239.94439	56204.70313	504429.1	5407846.0
L4430.0	504429.1	5407846.2	85288.20313	226.66	42	48.823582	-86.939659	56235.09	56279.1	-29.08	56206.02	56171.19141	56239.42367	56204.35938	504429.1	5407846.2
L4430.0	504429.1	5407846.2	85288.29688	226.88	42	48.823582	-86.939659	56235.04	56279.1	-29.08	56205.96	56171.17578	56238.89533	56204.00391	504429.1	5407846.2
L4430.0	504429.1	5407846.5	85288.39844	228.76	40.36	48.823584	-86.939658	56235.70	56279.1	-29.08	56206.62	56171.87891	56238.33294	56203.61719	504429.1	5407846.5
L4430.0	504429.2	5407846.8	85288.50000	227.10	39.44	48.823587	-86.939658	56234.86	56279.1	-29.07	56205.78	56171.08594	56237.88413	56203.34375	504429.2	5407846.8
L4430.0	504429.2	5407846.8	85288.60156	227.18	40.19	48.823587	-86.939658	56234.96	56279.1	-29.07	56205.89	56171.24219	56237.38515	56203.02344	504429.2	5407846.8
L4430.0	504429.2	5407847.1	85288.60156	227.18	40.19	48.823589	-86.939657	56235.67	56279.1	-29.07	56206.59	56171.98828	56236.85963	56202.67188	504429.2	5407847.1
L4430.0	504429.2	5407847.4	85288.79688	224.13	39.7	48.823592	-86.939657	56236.01	56279.1	-29.07	56206.94	56172.38672	56236.36985	56202.35938	504429.2	5407847.4
L4430.0	504429.3	5407847.7	85288.89844	225.91	39.7	48.823594	-86.939656	56236.48	56279.1	-29.07	56207.41	56172.90625	56235.88410	56202.05078	504429.3	5407847.7
L4430.0	504429.3	5407848.0	85289.00000	223.96	41.11	48.823597	-86.939656	56236.59	56279.1	-29.07	56207.52	56173.07031	56235.43403	56201.77734	504429.3	5407848.0
L4430.0	504429.3	5407848.0	85289.10156	223.27	41.78	48.823597	-86.939656	56235.53	56279.1	-29.07	56206.46	56172.06250	56235.07326	56201.59375	504429.3	5407848.0
L4430.0	504429.3	5407848.4	85289.20313	223.55	41.78	48.823601	-86.939655	56236.79	56279.1	-29.07	56207.71	56173.36328	56234.56945	56201.26563	504429.3	5407848.4
L4430.0	504429.4	5407848.7	85289.29688	224.71	39.71	48.823604	-86.939655	56236.16	56279.1	-29.07	56207.09	56172.79688	56234.20093	56201.07422	504429.4	5407848.7
L4430.0	504429.4	5407849.1	85289.39844	223.93	39.71	48.823607	-86.939654	56237.38	56279.1	-29.07	56208.31	56174.07422	56233.72002	56200.76953	504429.4	5407849.1
L4430.0	504429.4	5407849.5	85289.50000	223.55	41.17	48.823611	-86.939654	56236.59	56279.1	-29.08	56207.52	56173.34375	56233.38306	56200.61328	504429.4	5407849.5
L4430.0	504429.4	5407849.5	85289.60156	225.61	41.17	48.823611	-86.939654	56237.34	56279.1	-29.08	56208.26	56174.14063	56232.95373	56200.35938	504429.4	5407849.5
L4430.0	504429.4	5407849.8	85289.70313	225.62	42.44	48.823614	-86.939654	56237.31	56279.1	-29.08	56208.23	56174.17188	56232.58504	56200.17188	504429.4	5407849.8
L4430.0	504429.4	5407850.2	85289.79688	225.61	43.59	48.823617	-86.939654	56238.09	56279.1	-29.08	56209.02	56175.02344	56232.17069	56199.93359	504429.4	5407850.2
L4430.0	504429.4	5407850.7	85289.89844	226.43	43.59	48.823621	-86.939654	56236.92	56279.1	-29.08	56207.84	56173.91016	56231.89637	56199.83984	504429.4	5407850.7
L4430.0	504429.4	5407851.1	85290.00000	227.59	44.93	48.823626	-86.939654	56237.71	56279.1	-29.08	56208.63	56174.76563	56231.49913	56199.62109	504429.4	5407851.1
L4430.0	504429.4	5407851.1	85290.10156	226.97	46.11	48.823626	-86.939654	56238.77	56279.1	-29.09	56209.68	56175.88281	56231.09267	56199.39453	504429.4	5407851.1

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4430.0	504429.4	5407852.2	85290.20313	227.55	46.11	48.823635	-86.939655	56237.38	56279.1	-29.10	56208.29	56174.56250	56230.85671	56199.33984	504429.4	5407852.2
L4430.0	504429.4	5407852.2	85290.29688	229.49	47	48.823635	-86.939655	56238.61	56279.1	-29.10	56209.50	56175.84375	56230.45497	56199.11719	504429.4	5407852.2
L4430.0	504429.3	5407852.6	85290.39844	228.98	47	48.823639	-86.939655	56238.94	56279.1	-29.11	56209.83	56176.24609	56230.11918	56198.96094	504429.3	5407852.6
L4430.0	504429.3	5407853.1	85290.50000	230.11	49.94	48.823643	-86.939655	56238.71	56279.1	-29.12	56209.59	56176.08203	56229.82842	56198.85156	504429.3	5407853.1
L4430.0	504429.3	5407853.1	85290.60156	229.06	50.97	48.823643	-86.939655	56239.78	56279.1	-29.13	56210.65	56177.21875	56229.45776	56198.66406	504429.3	5407853.1
L4430.0	504429.3	5407853.6	85290.60156	229.06	51.27	48.823648	-86.939656	56239.26	56279.1	-29.13	56210.13	56176.77734	56229.19893	56198.58594	504429.3	5407853.6
L4430.0	504429.3	5407854.1	85290.79688	229.33	51.24	48.823652	-86.939656	56239.94	56279.1	-29.14	56210.79	56177.51953	56228.86771	56198.43750	504429.3	5407854.1
L4430.0	504429.2	5407854.7	85290.89844	230.35	51.24	48.823658	-86.939656	56240.02	56279.2	-29.15	56210.86	56177.67188	56228.58183	56198.33594	504429.2	5407854.7
L4430.0	504429.2	5407854.7	85291.00000	228.01	48.98	48.823658	-86.939656	56239.81	56279.2	-29.16	56210.65	56177.54688	56228.32041	56198.25781	504429.2	5407854.7
L4430.0	504429.2	5407855.7	85291.10156	227.80	48.98	48.823667	-86.939657	56240.37	56279.2	-29.17	56211.20	56178.18750	56228.01387	56198.13281	504429.2	5407855.7
L4430.0	504429.2	5407856.3	85291.20313	226.87	46.62	48.823672	-86.939657	56241.20	56279.2	-29.17	56212.02	56179.09766	56227.69465	56197.99609	504429.2	5407856.3
L4430.0	504429.2	5407856.3	85291.29688	224.90	49.6	48.823672	-86.939657	56241.89	56279.2	-29.18	56212.72	56179.89063	56227.38854	56197.87500	504429.2	5407856.3
L4430.0	504429.1	5407856.9	85291.39844	224.81	51.81	48.823677	-86.939658	56240.16	56279.2	-29.18	56210.98	56178.24219	56227.24998	56197.92188	504429.1	5407856.9
L4430.0	504429.1	5407857.5	85291.50000	223.04	51.81	48.823683	-86.939658	56241.32	56279.2	-29.19	56212.13	56179.49219	56226.92342	56197.78125	504429.1	5407857.5
L4430.0	504429.1	5407857.5	85291.60156	223.49	51.99	48.823683	-86.939658	56241.16	56279.2	-29.20	56211.96	56179.42188	56226.68933	56197.73438	504429.1	5407857.5
L4430.0	504429.1	5407858.3	85291.70313	222.53	47.98	48.823690	-86.939659	56241.56	56279.2	-29.20	56212.36	56179.92188	56226.42151	56197.65234	504429.1	5407858.3
L4430.0	504429.0	5407858.9	85291.79688	223.17	47.98	48.823696	-86.939659	56242.31	56279.2	-29.21	56213.11	56180.77734	56226.13442	56197.55078	504429.0	5407858.9
L4430.0	504429.0	5407859.4	85291.89844	225.66	52.19	48.823700	-86.939660	56242.26	56279.2	-29.21	56213.04	56180.81250	56225.90586	56197.51172	504429.0	5407859.4
L4430.0	504429.0	5407860.0	85292.00000	224.78	52.19	48.823705	-86.939660	56242.77	56279.2	-29.22	56213.55	56181.43359	56225.64232	56197.43359	504429.0	5407860.0
L4430.0	504428.9	5407860.8	85292.10156	226.80	51.87	48.823713	-86.939660	56242.84	56279.2	-29.22	56213.63	56181.62500	56225.41093	56197.39063	504428.9	5407860.8
L4430.0	504428.9	5407861.3	85292.20313	224.71	52.27	48.823717	-86.939661	56243.38	56279.2	-29.21	56214.17	56182.27734	56225.15220	56197.32422	504428.9	5407861.3
L4430.0	504428.9	5407862.0	85292.29688	225.43	52.64	48.823724	-86.939661	56242.46	56279.2	-29.21	56213.25	56181.47656	56224.99393	56197.35547	504428.9	5407862.0
L4430.0	504428.9	5407862.0	85292.39844	225.09	52.64	48.823724	-86.939661	56243.36	56279.2	-29.20	56214.15	56182.49609	56224.71728	56197.26563	504428.9	5407862.0
L4430.0	504428.9	5407862.7	85292.50000	226.72	52.84	48.823729	-86.939661	56243.13	56279.2	-29.20	56213.93	56182.39844	56224.51808	56197.25781	504428.9	5407862.7
L4430.0	504428.9	5407863.4	85292.60156	226.64	52.74	48.823736	-86.939661	56243.56	56279.2	-29.20	56214.36	56182.95313	56224.27817	56197.21094	504428.9	5407863.4
L4430.0	504428.8	5407864.1	85292.60156	226.64	52.74	48.823742	-86.939662	56243.90	56279.2	-29.20	56214.70	56183.42188	56224.04671	56197.17188	504428.8	5407864.1
L4430.0	504428.8	5407864.9	85292.79688	226.12	52.9	48.823750	-86.939662	56244.37	56279.2	-29.19	56215.18	56184.03125	56223.80821	56197.12500	504428.8	5407864.9
L4430.0	504428.8	5407864.9	85292.89844	225.09	42.07	48.823750	-86.939662	56244.05	56279.2	-29.18	56214.87	56183.85156	56223.62450	56197.13281	504428.8	5407864.9
L4430.0	504428.8	5407865.9	85293.00000	228.09	42.07	48.823758	-86.939662	56244.98	56279.2	-29.18	56215.80	56184.91797	56223.36009	56197.06250	504428.8	5407865.9
L4430.0	504428.8	5407866.6	85293.10156	226.79	40.61	48.823765	-86.939662	56244.36	56279.2	-29.19	56215.17	56184.42578	56223.20151	56197.09766	504428.8	5407866.6
L4430.0	504428.8	5407867.5	85293.20313	225.58	49.87	48.823772	-86.939663	56244.75	56279.2	-29.20	56215.55	56184.94531	56222.97725	56197.06641	504428.8	5407867.5
L4430.0	504428.8	5407868.0	85293.29688	225.38	49.9	48.823777	-86.939663	56245.07	56279.2	-29.21	56215.86	56185.39844	56222.75917	56197.04297	504428.8	5407868.0
L4430.0	504428.7	5407869.2	85293.39844	225.06	49.9	48.823788	-86.939663	56245.50	56279.2	-29.22	56216.28	56185.96484	56222.53513	56197.01563	504428.7	5407869.2
L4430.0	504428.7	5407869.2	85293.50000	228.16	52.66	48.823788	-86.939663	56245.88	56279.2	-29.23	56216.65	56186.48438	56222.31564	56196.99219	504428.7	5407869.2
L4430.0	504428.7	5407869.9	85293.60156	229.23	53.21	48.823794	-86.939663	56245.14	56279.2	-29.24	56215.90	56185.88672	56222.17189	56197.04688	504428.7	5407869.9
L4430.0	504428.7	5407870.7	85293.70313	229.27	53.21	48.823801	-86.939664	56245.93	56279.3	-29.25	56216.68	56186.82031	56221.92707	56197.00000	504428.7	5407870.7
L4430.0	504428.7	5407871.7	85293.79688	228.13	53.46	48.823811	-86.939664	56246.19	56279.3	-29.26	56216.93	56187.22656	56221.71838	56196.98828	504428.7	5407871.7
L4430.0	504428.7	5407872.7	85293.89844	227.38	53.46	48.823820	-86.939664	56246.04	56279.3	-29.27	56216.77	56187.22266	56221.53767	56197.00781	504428.7	5407872.7
L4430.0	504428.7	5407872.7	85294.00000	226.30	45.2	48.823820	-86.939664	56246.46	56279.3	-29.28	56217.18	56187.79688	56221.31947	56196.98828	504428.7	5407872.7
L4430.0	504428.7	5407873.5	85294.10156	227.98	46.15	48.823826	-86.939664	56246.68	56279.3	-29.28	56217.40	56188.17969	56221.11432	56196.98047	504428.7	5407873.5
L4430.0	504428.6	5407874.3	85294.20313	228.92	46.15	48.823834	-86.939664	56247.05	56279.3	-29.29	56217.76	56188.70703	56220.90007	56196.96875	504428.6	5407874.3
L4430.0	504428.6	5407875.2	85294.29688	227.86	48.66	48.823842	-86.939664	56247.28	56279.3	-29.29	56217.99	56189.10547	56220.69459	56196.96094	504428.6	5407875.2
L4430.0	504428.6	5407875.2	85294.39844	227.78	51.26	48.823842	-86.939664	56247.12	56279.3	-29.29	56217.82	56189.10938	56220.51575	56196.98438	504428.6	5407875.2
L4430.0	504428.6	5407876.7	85294.50000	227.00	51.26	48.823856	-86.939665	56248.08	56279.3	-29.29	56218.78	56190.24219	56220.26141	56196.93359	504428.6	5407876.7
L4430.0	504428.6	5407877.4	85294.60156	225.77	54.01	48.823862	-86.939665	56248.11	56279.3	-29.30	56218.81	56190.44922	56220.06877	56196.94141	504428.6	5407877.4
L4430.0	504428.6	5407878.2	85294.60156	225.77	51.68	48.823869	-86.939665	56248.07	56279.3	-29.30	56218.77	56190.58984	56219.88038	56196.95703	504428.6	5407878.2
L4430.0	504428.6	5407879.0	85294.79688	225.61	51.68	48.823876	-86.939665	56248.03	56279.3	-29.30	56218.72	56190.72266	56219.69209	56196.97266	504428.6	5407879.0
L4430.0	504428.6	5407879.0	85294.89844	223.67	49.96	48.823876	-86.939665	56248.48	56279.3	-29.31	56219.17	56191.35547	56219.46977	56196.95313	504428.6	5407879.0
L4430.0	504428.6	5407880.0	85295.00000	223.77	49.96	48.823885	-86.939665	56247.95	56279.3	-29.31	56218.64	56191.01172	56219.31197	56197.00000	504428.6	5407880.0
L4430.0	504428.6	5407880.8	85295.10156	223.13	35.68	48.823893	-86.939665	56248.43	56279.3	-29.31	56219.12	56191.67969	56219.08587	56196.98047	504428.6	5407880.8
L4430.0	504428.6	5407881.8	85295.20313	225.81	35.49	48.823901	-86.939665	56248.59	56279.3	-29.31	56219.27	56192.02344	56218.88069	56196.98047	504428.6	5407881.8
L4430.0	504428.6	5407883.0	85295.29688	225.96	35.49	48.823912	-86.939665	56248.82	56279.3	-29.31	56219.51	56192.45703	56218.66829	56196.97266	504428.6	5407883.0
L4430.0	504428.6	5407883.9	85295.39844	225.94	41.47	48.823920	-86.939665	56249.35	56279.3	-29.31	56220.04	56193.18359	56218.43520	56196.94531	504428.6	5407883.9
L4430.0	504428.6	5407883.9	85295.50000	225.39	41.47	48.823920	-86.939665	56248.54	56279.3	-29.31	56219.22	56192.56250	56218.29063	56197.00781	504428.6	5407883.9
L4430.0	504428.6	5407885.0	85295.60156	224.97	48.73	48.823930	-86.939664	56249.38	56279.3	-29.32	56220.06	56193.60156	56218.03377	56196.96094	504428.6	5407885.0
L4430.0	504428.6	5407886.2	85295.70313	226.92	52.42	48.823941	-86.939664	56249.30	56279.3	-29.32	56219.98	56193.72266	56217.83648	56196.96875	504428.6	5407886.2
L4430.0	504428.6	5407887.2	85295.79688	226.96	52.42	48.823950	-86.939664	56250.18	56279.3	-29.32	56220.86	56194.80859	56217.57330	56196.91406	504428.6	5407887.2
L4430.0	504428.6	5407887.2	85295.89844	227.70	54.14	48.823950	-86.939664	56249.45	56279.3	-29.32	56220.13	56194.28516	56217.41542	56196.96484	504428.6	5407887.2
L4430.0	504428.6	5407888.3	85296.00000	228.01	45.56	48.823960	-86.939664	56249.72	56279.3	-29.32	56220.40	56194.76563	56217.18869	56196.94531	504428.6	5407888.3
L4430.0	504428.6	5407889.3	85296.10156	228.25	49.03	48.823968	-86.939664	56250.80	56279.3	-29.32	56221.48	56196.05469	56216.90565	56196.87109	504428.6	5407889.3
L4430.0	504428.6	5407889.3	85296.20313	228.08	49.03	48.823968	-86.939664	56249.72	56279.3	-29.33	56220.39	56195.17969	56216.76481	56196.94141	504428.6	5407889.3
L4430.0	504428.7	5407890.6	85296.29688	228.89	51.25	48.823981	-86.939664	56250.29	56279.3	-29.33	56220.95	56195.95313	56216.51137	56196.89844	504428.7	5407890.6
L4430.0	504428.7	5407891.6	85296.39844	228.87	51.25	48.823990	-86.939664	56249.97	56279.3	-29.34	56220.63	56195.85156	56216.31383	56196.91016	504428.7	5407891.6
L4430.0	504428.7	5407892.9	85296.50000	227.54	54	48.824001	-86.939664	56251.04	56279.3	-29.35	56221.69	56197.12891	56216.02138	56196.82813	504428.7	5407892.9
L4430.0	504428.7	5407892.9	85296.60156	229.04	53.73	48.824001	-86.939664	56250.52	56279.3	-29.35	56221.17	56196.83203	56215.83121	56196.84766	504428.7	5407892.9
L4430.0	504428.7	5407894.0	85296.60156	229.04	53.73	48.824011	-86.939664	56250.94	56279.3	-29.35	56221.59	56197.47266	56215.57515	56196.80078	504428.7	5407894.0
L4430.0	504428.7	5407895.0	85296.79688	230.09	51.06	48.824021	-86.939664	56251.42	56279.4	-29.36	56222.06	56198.16797	56215.31238	56196.75000	504428.7	5407895.0
L4430.0	504428.7	5407896.1	85296.89844	230.62	45.48	48.824030	-86.939664	56251.09	56279.4	-29.37	56221.72	56198.05469	56215.10008	56196.74609	504428.7	5407896.1
L4430.0	504428.7	5407897.0	85297.00000	230.09	45.48	48.824039	-86.939664	56251.37	56279.4	-29.37	56222.00	56198.55859	56214.84275	56196.69922	504428.7	5407897.0
L4430.0	504428.7	5407897.0	85297.10156	230.17	43.54	48.824039	-86.939664	56251.19	56279.4	-29.37	56221.82	56198.60938	56214.61222	56196.67969	504428.7	5407897.0
L4430.0	504428.7	5407898.5	85297.20313	230.01	46.36	48.824051	-86.939663	56251.44	56279.4	-29.37	56222.07	56199.08984	56214.34899	56196.62891	504428.7	5407898.5
L4430.0	504428.7	5407899.6	85297.29688	230.30	46.36	48.824061	-86.939663	56252.36	56279.4	-29.37	56222.99	56200.24219	56214.03690	56196.52734	504428.7	5407899.6
L4430.0	504428.7	5407900.7	85297.39844	229.71	49.05	48.824071	-86.939663	56252.06	56279.4	-29.37	56222.68	56200.16406	56213.80245	56196.50391	504428.7	5407900.7
L4430.0	504428.7	5407900.7	85297.50000	229.99	54.06	48.824071	-86.939663	56253.18	56279.4	-29.38	56223.81	56201.52734	56213.46745	56196.37891	504428.7	5407900.7
L4430.0	504428.7	5407902.0	85297.60156	226.65	54.06	48.824083	-86.939663	56251.34	56279.4	-29.38	56221.97	56199.92578	56213.32575	56196.44922	504428.7	5407902.0
L4430.0	504428.7	5407903.1	85297.70313	228.81	54.44	48.824093	-86.939663	56252.48	56279.4	-29.38	56223.11	56201.30078	56212.98049	56196.31641	504428.7	5407903.1
L4430.0	504428.7	5407904.4	85297.79688	228.01	54.33	48.824104	-86.939663	56253.32	56279.4	-29.38	56223.94	56202.37109	56212.65084	56196.19531	504428.7	5407904.4
L4430.0	504428.7	5407905.3	85297.89844	228.05	54.2	48.824112	-86.939663	56252.79	56279.4	-29.38	56223.41	56202.07813	56212.40662	56196.16406	504428.7	5407905.3
L4430.0	504428.7	5407905.3	85298.00000	229.54	54.56	48.824112	-86.939663	56252.63	56279.4	-29.38	56223.25	56202.16016	56212.13232	56196.09766	504428.7	5407905.3
L4430.0	504428.7	5407906.3	85298.10156	227.90	54.56	48.824122	-86.939664	56253.33	56279.4	-29.38	56223.95	56203.10156	56211.79510	56195.97266	504428.7	5407906.3
L4430.0	504428.7	5407907.3	85298.20313	227.38	54.32	48.824131	-86.939664	56253.21	56279.4	-29.38	56223.83	56203.22266	56211.50678	56195.89453	504428.7	5407907.3
L4430.0	504428.7	5407908.6	85298.29688	226.54	54.05	48.824143	-86.939664	56253.94	56279.4	-29.38	56224.56	56204.19531	56211.15586	56195.75000	504428.7	5407908.6
L4430.0	504428.6	5407909.5	85298.39844	225.92	54.05	48.824151	-86.939664	56253.01	56279.4	-29.38	56223.62	56203.50000	56210.91016	56195.71484	504428.6	5407909.5
L4430.0	504428.6	5407910.3	85298.50000	224.80	47.92	48.824158	-86.939664	56253.82	56279.4	-29.38	56224.44	56204.56641	56210.54084	56195.55469	504428.6	5407910.3
L4430.0	504428.6	5407911.4	85298.60156	226.88	44.82	48.824168	-86.939664	56252.82	56279.4	-29.39	56223.43	56203.80078	56210.28707	56195.50781	504428.6	5407911.4
L4430.0	504428.6	5407912.4	85298.60156	226.88	44.82	48.824177	-86.939664	56254.28	56279.4	-29.39	56224.89	56205.50781	56209.86200	56195.29297	504428.6	5407912.4
L4430.0	504428.6	5407913.7	85298.79688	226.34	47.61	48.824189	-86.939664	56253.16	56279.4	-29.39	56223.77	56204.63281	56209.60214	56195.23828	504428.6	5407913.7
L4430.0	504428.6	5407913.7	85298.89844	227.54	48.99	48.824189	-86.939664	56254.05	56279.4	-29.39	56224.66	56205.76953	56209.20131	56195.04297	504428.6	5407913.7
L4430.0	504428.6	5407915.2	85299.00000	226.96	44.23	48.824202	-86.939664	56252.72	56279.4	-29.39	56223.33	56204.68750	56208.94137	56194.99219	504428.6	5407915.2
L4430.0	504428.6	5407916.6	85299.10156	227.05	42.96	48.824214	-86.939664	56253.21	56279.4	-29.39	56223.82	56205.42578	56208.55281	56194.80859	504428.6	5407916.6
L4430.0	504428.6	5407916.6	85299.20313	225.61	42.41	48.824214	-86.939664	56253.87	56279.4	-29.40	56224.47	56206.32422	56208.14615	56194.60547	504428.6	5407916.6
L4430.0	504428.6	5407917.5	85299.29688	225.42	44.71	48.824223	-86.939664	56253.98	56279.4	-29.40	56224.58	56206.68359	56207.76789	56194.43359	504428.6	5407917.5
L4430.0	504428.6	5407918.7	85299.39844	224.60	41.59	48.824233	-86.939664	56254.15	56279.4	-29.40	56224.75	56207.10156	56207.37790	56194.24609	504428.6	5407918.7

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4430.0	504428.6	5407919.9	85299.50000	225.65	42.98	48.824244	-86.939664	56253.29	56279.4	-29.40	56223.88	56206.48047	56207.04936	56194.12109	504428.6	5407919.9
L4430.0	504428.6	5407921.2	85299.60156	223.36	42.98	48.824256	-86.939664	56254.18	56279.4	-29.41	56224.77	56207.62109	56206.59546	56193.86719	504428.6	5407921.2
L4430.0	504428.6	5407921.2	85299.70313	225.06	45.01	48.824256	-86.939664	56253.33	56279.4	-29.41	56223.92	56207.01953	56206.24941	56193.72266	504428.6	5407921.2
L4430.0	504428.6	5407923.6	85299.79688	226.77	45.62	48.824277	-86.939664	56252.68	56279.4	-29.41	56223.27	56206.62109	56205.88173	56193.55469	504428.6	5407923.6
L4430.0	504428.6	5407923.6	85299.89844	226.78	45.62	48.824277	-86.939664	56253.07	56279.4	-29.42	56223.66	56207.25781	56205.43631	56193.30859	504428.6	5407923.6
L4430.0	504428.6	5407924.8	85300.00000	227.91	45.9	48.824288	-86.939664	56253.08	56279.4	-29.42	56223.66	56207.50781	56205.00835	56193.07813	504428.6	5407924.8
L4430.0	504428.6	5407926.1	85300.10156	226.10	43.14	48.824300	-86.939665	56252.52	56279.4	-29.42	56223.10	56207.19922	56204.60908	56192.87891	504428.6	5407926.1
L4430.0	504428.6	5407926.1	85300.20313	227.44	43.14	48.824300	-86.939665	56252.73	56279.4	-29.42	56223.31	56207.65625	56204.14973	56192.61328	504428.6	5407926.1
L4430.0	504428.6	5407927.7	85300.29688	227.79	42.7	48.824314	-86.939665	56252.00	56279.4	-29.41	56222.59	56207.18359	56203.74352	56192.40234	504428.6	5407927.7
L4430.0	504428.6	5407928.9	85300.39844	226.80	43.77	48.824325	-86.939665	56251.95	56279.4	-29.41	56222.54	56207.38281	56203.28368	56192.13672	504428.6	5407928.9
L4430.0	504428.6	5407928.9	85300.50000	223.84	45.13	48.824325	-86.939665	56252.28	56279.4	-29.41	56222.87	56207.96094	56202.78948	56191.83594	504428.6	5407928.9
L4430.0	504428.5	5407930.1	85300.60156	223.31	45.13	48.824336	-86.939665	56250.76	56279.4	-29.41	56221.35	56206.68750	56202.40947	56191.64453	504428.5	5407930.1
L4430.0	504428.5	5407931.3	85300.60156	223.31	47.25	48.824347	-86.939665	56251.37	56279.4	-29.41	56221.96	56207.54688	56201.87827	56191.30469	504428.5	5407931.3
L4430.0	504428.5	5407932.5	85300.79688	223.58	52.06	48.824357	-86.939665	56249.53	56279.4	-29.40	56220.12	56205.95313	56201.50111	56191.11719	504428.5	5407932.5
L4430.0	504428.5	5407933.3	85300.89844	223.49	47.5	48.824365	-86.939665	56249.56	56279.4	-29.40	56220.16	56206.23828	56200.98928	56190.79297	504428.5	5407933.3
L4430.0	504428.5	5407934.5	85301.00000	225.49	47.5	48.824376	-86.939665	56250.34	56279.4	-29.40	56220.94	56207.26172	56200.41871	56190.41016	504428.5	5407934.5
L4430.0	504428.5	5407934.5	85301.10156	225.77	49.49	48.824376	-86.939665	56249.72	56279.4	-29.40	56220.31	56206.87891	56199.93269	56190.10547	504428.5	5407934.5
L4430.0	504428.5	5407935.7	85301.20313	228.76	47.42	48.824386	-86.939666	56249.04	56279.4	-29.41	56219.63	56206.44141	56199.44049	56189.79688	504428.5	5407935.7
L4430.0	504428.5	5407937.1	85301.29688	229.69	48.25	48.824399	-86.939666	56248.16	56279.4	-29.41	56218.74	56205.79297	56198.95274	56189.49219	504428.5	5407937.1
L4430.0	504428.5	5407938.4	85301.39844	229.26	49.77	48.824411	-86.939665	56247.89	56279.4	-29.42	56218.47	56205.76563	56198.41408	56189.13281	504428.5	5407938.4
L4430.0	504428.5	5407939.2	85301.50000	229.77	51.6	48.824418	-86.939665	56246.98	56279.4	-29.42	56217.56	56205.09766	56197.90848	56188.80469	504428.5	5407939.2
L4430.0	504428.5	5407940.7	85301.60156	229.51	51.6	48.824431	-86.939665	56247.03	56279.4	-29.42	56217.60	56205.37891	56197.32990	56188.40625	504428.5	5407940.7
L4430.0	504428.5	5407941.7	85301.70313	229.06	50.19	48.824440	-86.939665	56246.29	56279.4	-29.43	56216.86	56204.87891	56196.79366	56188.04297	504428.5	5407941.7
L4430.0	504428.5	5407941.7	85301.79688	230.33	47.42	48.824440	-86.939665	56245.42	56279.4	-29.43	56215.99	56204.24609	56196.25643	56187.67969	504428.5	5407941.7
L4430.0	504428.5	5407943.9	85301.89844	230.14	46.89	48.824461	-86.939665	56245.17	56279.4	-29.44	56215.73	56204.22266	56195.66885	56187.26563	504428.5	5407943.9
L4430.0	504428.5	5407943.9	85302.00000	230.98	46.89	48.824461	-86.939665	56244.47	56279.4	-29.44	56215.03	56203.76172	56195.10092	56186.86719	504428.5	5407943.9
L4430.0	504428.5	5407945.4	85302.10156	231.71	50.88	48.824473	-86.939665	56243.85	56279.4	-29.44	56214.41	56203.37500	56194.51799	56186.45313	504428.5	5407945.4
L4430.0	504428.5	5407946.2	85302.20313	228.79	50.88	48.824481	-86.939665	56243.25	56279.4	-29.44	56213.81	56203.01172	56193.92405	56186.02734	504428.5	5407946.2
L4430.0	504428.5	5407947.5	85302.29688	228.72	48.72	48.824492	-86.939665	56242.01	56279.4	-29.44	56212.57	56202.00391	56193.36312	56185.62891	504428.5	5407947.5
L4430.0	504428.5	5407948.8	85302.39844	227.65	48.88	48.824504	-86.939665	56242.02	56279.4	-29.44	56212.58	56202.24609	56192.70922	56185.14063	504428.5	5407948.8
L4430.0	504428.6	5407950.0	85302.50000	227.18	47.48	48.824515	-86.939665	56240.63	56279.4	-29.44	56211.18	56201.07422	56192.13970	56184.73047	504428.6	5407950.0
L4430.0	504428.6	5407950.0	85302.60156	228.39	49.57	48.824515	-86.939665	56240.04	56279.4	-29.45	56210.59	56200.71484	56191.50658	56184.25781	504428.6	5407950.0
L4430.0	504428.5	5407951.2	85302.60156	228.39	54.73	48.824526	-86.939665	56239.63	56279.4	-29.45	56210.19	56200.54297	56190.85124	56183.75781	504428.5	5407951.2
L4430.0	504428.5	5407952.7	85302.79688	230.42	54.73	48.824539	-86.939665	56238.54	56279.4	-29.45	56209.09	56199.66797	56190.23302	56183.29688	504428.5	5407952.7
L4430.0	504428.5	5407954.0	85302.89844	229.48	51.68	48.824551	-86.939665	56237.96	56279.4	-29.45	56208.52	56199.32422	56189.56999	56182.78516	504428.5	5407954.0
L4430.0	504428.5	5407954.8	85303.00000	230.32	51.68	48.824559	-86.939665	56237.00	56279.4	-29.45	56207.55	56198.57813	56188.92416	56182.29297	504428.5	5407954.8
L4430.0	504428.5	5407954.8	85303.10156	229.93	49.27	48.824559	-86.939665	56235.54	56279.4	-29.45	56206.09	56197.33984	56188.30159	56181.82031	504428.5	5407954.8
L4430.0	504428.5	5407956.3	85303.20313	229.81	47.88	48.824572	-86.939665	56235.84	56279.4	-29.45	56206.39	56197.85938	56187.55232	56181.21875	504428.5	5407956.3
L4430.0	504428.5	5407957.8	85303.29688	229.05	47.88	48.824585	-86.939665	56234.14	56279.4	-29.45	56204.70	56196.39063	56186.92640	56180.73828	504428.5	5407957.8
L4430.0	504428.5	5407959.0	85303.39844	228.70	49.56	48.824596	-86.939665	56233.60	56279.4	-29.45	56204.15	56196.05859	56186.21522	56180.16797	504428.5	5407959.0
L4430.0	504428.5	5407960.1	85303.50000	229.59	49.82	48.824606	-86.939665	56232.59	56279.4	-29.44	56203.15	56195.27344	56185.52483	56179.62109	504428.5	5407960.1
L4430.0	504428.5	5407960.1	85303.60156	228.92	49.2	48.824606	-86.939665	56231.21	56279.4	-29.44	56201.76	56194.09766	56184.85128	56179.08594	504428.5	5407960.1
L4430.0	504428.5	5407961.6	85303.70313	228.15	49.2	48.824619	-86.939665	56231.18	56279.4	-29.44	56201.74	56194.29297	56184.07730	56178.44922	504428.5	5407961.6
L4430.0	504428.5	5407962.9	85303.79688	227.63	52.55	48.824631	-86.939666	56228.53	56279.4	-29.44	56199.08	56191.84375	56183.47029	56177.97656	504428.5	5407962.9
L4430.0	504428.5	5407964.2	85303.89844	227.44	51.46	48.824642	-86.939666	56228.68	56279.4	-29.44	56199.24	56192.21094	56182.66630	56177.30859	504428.5	5407964.2
L4430.0	504428.5	5407965.0	85304.00000	226.72	54.19	48.824650	-86.939666	56227.86	56279.4	-29.44	56198.42	56191.60156	56181.91873	56176.69141	504428.5	5407965.0
L4430.0	504428.5	5407966.5	85304.10156	228.61	54.19	48.824663	-86.939666	56226.60	56279.4	-29.44	56197.15	56190.53516	56181.19230	56176.09375	504428.5	5407966.5
L4430.0	504428.5	5407966.5	85304.20313	226.98	52.91	48.824663	-86.939666	56226.41	56279.5	-29.45	56196.96	56190.55078	56180.38510	56175.41406	504428.5	5407966.5
L4430.0	504428.4	5407968.7	85304.29688	225.80	52.42	48.824683	-86.939666	56224.74	56279.5	-29.46	56195.29	56189.08203	56179.66784	56174.82031	504428.4	5407968.7
L4430.0	504428.4	5407969.5	85304.39844	224.40	52.42	48.824691	-86.939666	56223.51	56279.5	-29.46	56194.05	56188.04297	56178.91326	56174.18750	504428.4	5407969.5
L4430.0	504428.4	5407969.5	85304.50000	226.70	55.71	48.824691	-86.939666	56222.27	56279.5	-29.47	56192.80	56186.99219	56178.15077	56173.54688	504428.4	5407969.5
L4430.0	504428.4	5407970.8	85304.60156	225.74	55.51	48.824703	-86.939666	56221.14	56279.5	-29.47	56191.67	56186.06250	56177.37176	56172.88672	504428.4	5407970.8
L4430.0	504428.4	5407972.5	85304.60156	225.74	55.51	48.824717	-86.939666	56220.59	56279.5	-29.47	56191.12	56185.70703	56176.54564	56172.17578	504428.4	5407972.5
L4430.0	504428.4	5407973.9	85304.79688	228.13	55.43	48.824730	-86.939666	56219.68	56279.5	-29.48	56190.20	56184.98047	56175.73580	56171.48047	504428.4	5407973.9
L4430.0	504428.4	5407973.9	85304.89844	228.52	55.59	48.824730	-86.939666	56218.75	56279.5	-29.49	56189.26	56184.23047	56174.91899	56170.77344	504428.4	5407973.9
L4430.0	504428.4	5407975.1	85305.00000	228.50	54.13	48.824741	-86.939666	56217.38	56279.5	-29.49	56187.89	56183.05078	56174.12262	56170.08594	504428.4	5407975.1
L4430.0	504428.4	5407976.4	85305.10156	227.49	54.13	48.824753	-86.939666	56216.11	56279.5	-29.49	56186.61	56181.96094	56173.31207	56169.38281	504428.4	5407976.4
L4430.0	504428.4	5407977.8	85305.20313	226.52	55.9	48.824765	-86.939666	56215.33	56279.5	-29.50	56185.83	56181.36719	56172.46011	56168.63672	504428.4	5407977.8
L4430.0	504428.4	5407979.0	85305.29688	226.84	55.68	48.824776	-86.939666	56213.81	56279.5	-29.50	56184.30	56180.01953	56171.65012	56167.92969	504428.4	5407979.0
L4430.0	504428.4	5407979.0	85305.39844	226.09	55.68	48.824776	-86.939666	56213.40	56279.5	-29.51	56183.89	56179.79297	56170.75751	56167.14063	504428.4	5407979.0
L4430.0	504428.4	5407980.3	85305.50000	225.10	55.18	48.824788	-86.939666	56211.20	56279.5	-29.51	56181.68	56177.76172	56169.97703	56166.46094	504428.4	5407980.3
L4430.0	504428.4	5407981.7	85305.60156	228.14	50.18	48.824800	-86.939666	56210.20	56279.5	-29.52	56180.68	56176.94141	56169.10807	56165.68750	504428.4	5407981.7
L4430.0	504428.4	5407981.7	85305.70313	224.58	49.29	48.824800	-86.939666	56209.51	56279.5	-29.53	56179.99	56176.42969	56168.21072	56164.88672	504428.4	5407981.7
L4430.0	504428.4	5407984.4	85305.79688	223.26	49.42	48.824825	-86.939666	56208.02	56279.5	-29.53	56178.49	56175.10156	56167.35971	56164.12891	504428.4	5407984.4
L4430.0	504428.4	5407984.4	85305.89844	224.78	49.7	48.824825	-86.939666	56207.13	56279.5	-29.54	56177.59	56174.37500	56166.46112	56163.32031	504428.4	5407984.4
L4430.0	504428.4	5407986.0	85306.00000	225.33	49.7	48.824839	-86.939666	56205.76	56279.5	-29.54	56176.22	56173.17578	56165.58635	56162.53516	504428.4	5407986.0
L4430.0	504428.5	5407987.5	85306.10156	226.50	45.46	48.824853	-86.939666	56203.74	56279.5	-29.54	56174.20	56171.32422	56164.74748	56161.78125	504428.5	5407987.5
L4430.0	504428.5	5407988.6	85306.20313	227.10	45.46	48.824862	-86.939665	56203.29	56279.5	-29.54	56173.74	56171.03125	56163.79724	56160.91797	504428.5	5407988.6
L4430.0	504428.5	5407988.6	85306.29688	227.08	45.92	48.824862	-86.939665	56201.94	56279.5	-29.54	56172.40	56169.85547	56162.89838	56160.10156	504428.5	5407988.6
L4430.0	504428.5	5407989.8	85306.39844	226.71	48.48	48.824873	-86.939665	56201.37	56279.5	-29.54	56171.82	56169.43750	56161.94164	56159.22656	504428.5	5407989.8
L4430.0	504428.5	5407991.1	85306.50000	227.94	51	48.824885	-86.939665	56198.63	56279.5	-29.54	56169.08	56166.85938	56161.12175	56158.48438	504428.5	5407991.1
L4430.0	504428.5	5407992.4	85306.60156	227.52	55.94	48.824897	-86.939665	56197.90	56279.5	-29.55	56168.35	56166.28516	56160.16080	56157.60156	504428.5	5407992.4
L4430.0	504428.5	5407994.0	85306.60156	227.52	55.94	48.824911	-86.939665	56196.98	56279.5	-29.55	56167.43	56165.52344	56159.20551	56156.72266	504428.5	5407994.0
L4430.0	504428.5	5407995.1	85306.79688	228.46	51	48.824921	-86.939665	56195.68	56279.5	-29.55	56166.13	56164.37891	56158.26864	56155.85938	504428.5	5407995.1
L4430.0	504428.5	5407996.4	85306.89844	230.58	51.87	48.824933	-86.939664	56193.97	56279.5	-29.55	56164.42	56162.82031	56157.35225	56155.01563	504428.5	5407996.4
L4430.0	504428.5	5407996.4	85307.00000	231.57	50.38	48.824933	-86.939664	56192.73	56279.6	-29.55	56163.18	56161.73047	56156.39774	56154.12891	504428.5	5407996.4
L4430.0	504428.6	5407997.8	85307.10156	232.60	50.38	48.824945	-86.939664	56191.75	56279.6	-29.55	56162.20	56160.89844	56155.41920	56153.21875	504428.6	5407997.8
L4430.0	504428.6	5407999.5	85307.20313	231.17	47.47	48.824961	-86.939664	56190.39	56279.6	-29.56	56160.84	56159.68359	56154.45935	56152.32422	504428.6	5407999.5
L4430.0	504428.6	5408000.2	85307.29688	228.68	51.08	48.824967	-86.939664	56188.74	56279.6	-29.56	56159.18	56158.16797	56153.51294	56151.44141	504428.6	5408000.2
L4430.0	504428.6	5408000.2	85307.39844	227.37	51.08	48.824967	-86.939664	56187.93	56279.6	-29.56	56158.36	56157.48828	56152.50404	56150.49609	504428.6	5408000.2
L4430.0	504428.6	5408001.8	85307.50000	227.33	52.34	48.824981	-86.939664	56185.53	56279.6	-29.57	56155.96	56155.22656	56151.59405	56149.64844	504428.6	5408001.8
L4430.0	504428.6	5408003.1	85307.60156	228.18	52.34	48.824993	-86.939664	56184.87	56279.6	-29.57	56155.30	56154.70703	56150.56170	56148.67578	504428.6	5408003.1
L4430.0	504428.6	5408004.1	85307.70313	228.66	48.59	48.825001	-86.939664	56182.82	56279.6	-29.57	56153.25	56152.78906	56149.61573	56147.78516	504428.6	5408004.1
L4430.0	504428.6	5408005.6	85307.79688	228.72	48.59	48.825015	-86.939664	56181.92	56279.6	-29.57	56152.34	56152.01172	56148.58754	56146.81250	504428.6	5408005.6
L4430.0	504428.6	5408006.9	85307.89844	226.13	47.9	48.825027	-86.939664	56181.40	56279.6	-29.58	56151.82	56151.62500	56147.52719	56145.80859	504428.6	5408006.9
L4430.0	504428.6	5408006.9	85308.00000	226.07	48.39	48.825027	-86.939664	56178.25	56279.6	-29.58	56148.67	56148.60156	56146.63609	56144.96875	504428.6	5408006.9
L4430.0	504428.6	5408008.6	85308.10156	225.09	46.24	48.825042	-86.939664	56177.89	56279.6	-29.59	56148.31	56148.37109	56145.55297	56143.93750	504428.6	5408008.6
L4430.0	504428.5	5408009.9	85308.20313	226.98	44.97	48.825054	-86.939664	56175.56	56279.6	-29.59	56145.96	56146.14453	56144.59655	56143.02734	504428.5	5408009.9
L4430.0	504428.5	5408011.0	85308.29688	226.51	44.97	48.825064	-86.939664	56174.45	56279.6	-29.60	56144.85	56145.15625	56143.55156	56142.03125	504428.5	5408011.0
L4430.0	504428.5	5408012.4	85308.39844	225.68	46.93	48.825076	-86.939664	56173.66	56279.6	-29.60	56144.06	56144.48438	56142.47940	56141.00391	504428.5	5408012.4
L4430.0	504428.5	5408013.8	85308.50000	225.59	50.34	48.825089	-86.939665	56171.64	56279.6	-29.61	56142.03	56142.57422	56141.48413	56140.05469	504428.5	5408013.8
L4430.0	504428.5	5408013.8	85308.60156	225.22	48.17	48.825089	-86.939665	56170.51	56279.6	-29.62	56140.90	56141.55859	56140.42313	56139.03516	504428.5	5408013.8
L4430.0	504428.5	5408015.3	85308.60156	225.22	48.17	48.825102	-86.939665	56169.28	56279.6	-29.62	56139.66	56140.42969	56139.36380	56138.01953	504428.5	5408015.3

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4430.0	504428.5	5408016.9	85308.79688	225.82	49.16	48.825117	-86.939665	56166.94	56279.6	-29.63	56137.31	56138.19141	56138.37286	56137.06641	504428.5	5408016.9
L4430.0	504428.5	5408018.0	85308.89844	225.68	49.16	48.825127	-86.939665	56166.46	56279.6	-29.63	56136.82	56137.80859	56137.25235	56135.98438	504428.5	5408018.0
L4430.0	504428.5	5408018.0	85309.00000	226.64	57.26	48.825127	-86.939665	56163.74	56279.6	-29.64	56134.10	56135.19531	56136.27501	56135.04297	504428.5	5408018.0
L4430.0	504428.5	5408019.3	85309.10156	227.93	56.98	48.825139	-86.939665	56163.09	56279.6	-29.64	56133.45	56134.64844	56135.15420	56133.95703	504428.5	5408019.3
L4430.0	504428.5	5408020.7	85309.20313	226.69	51.3	48.825151	-86.939665	56161.68	56279.7	-29.65	56132.03	56133.32813	56134.07932	56132.91797	504428.5	5408020.7
L4430.0	504428.5	5408022.2	85309.29688	225.55	50.24	48.825165	-86.939665	56159.34	56279.7	-29.65	56129.69	56131.08594	56133.06041	56131.92969	504428.5	5408022.2
L4430.0	504428.5	5408023.6	85309.39844	224.79	50.24	48.825177	-86.939665	56158.57	56279.7	-29.66	56128.91	56130.40234	56131.93219	56130.83203	504428.5	5408023.6
L4430.0	504428.5	5408024.7	85309.50000	225.35	57.71	48.825187	-86.939665	56156.77	56279.7	-29.67	56127.10	56128.68750	56130.86736	56129.79688	504428.5	5408024.7
L4430.0	504428.5	5408024.7	85309.60156	225.67	48.33	48.825187	-86.939665	56155.68	56279.7	-29.67	56126.01	56127.68750	56129.74930	56128.70703	504428.5	5408024.7
L4430.0	504428.5	5408026.0	85309.70313	226.89	48.33	48.825199	-86.939665	56153.44	56279.7	-29.68	56123.76	56125.52734	56128.70338	56127.68750	504428.5	5408026.0
L4430.0	504428.5	5408027.5	85309.79688	225.91	46.98	48.825212	-86.939665	56152.11	56279.7	-29.68	56122.43	56124.28125	56127.59099	56126.60156	504428.5	5408027.5
L4430.0	504428.5	5408028.8	85309.89844	226.00	47.66	48.825224	-86.939665	56151.02	56279.7	-29.69	56121.34	56123.27734	56126.45750	56125.49219	504428.5	5408028.8
L4430.0	504428.5	5408030.3	85310.00000	224.66	46.86	48.825238	-86.939665	56149.23	56279.7	-29.69	56119.54	56121.55859	56125.36627	56124.42578	504428.5	5408030.3
L4430.0	504428.5	5408030.3	85310.10156	222.83	48.5	48.825238	-86.939665	56147.95	56279.7	-29.69	56118.25	56120.34766	56124.23603	56123.31641	504428.5	5408030.3
L4430.0	504428.5	5408032.2	85310.20313	222.53	48.5	48.825254	-86.939665	56146.41	56279.7	-29.69	56116.72	56118.89063	56123.11680	56122.21875	504428.5	5408032.2
L4430.0	504428.5	5408033.5	85310.29688	223.96	48.5	48.825266	-86.939665	56145.41	56279.7	-29.70	56115.71	56117.95703	56121.95796	56121.07813	504428.5	5408033.5
L4430.0	504428.5	5408034.7	85310.39844	225.20	53.55	48.825277	-86.939665	56142.66	56279.7	-29.70	56112.97	56115.28516	56120.90956	56120.04688	504428.5	5408034.7
L4430.0	504428.5	5408034.7	85310.50000	225.79	55.97	48.825277	-86.939665	56140.98	56279.7	-29.70	56111.28	56113.66406	56119.78629	56118.93750	504428.5	5408034.7
L4430.0	504428.5	5408036.8	85310.60156	225.73	55.97	48.825296	-86.939665	56138.76	56279.7	-29.70	56109.06	56111.50781	56118.69355	56117.86328	504428.5	5408036.8
L4430.0	504428.5	5408036.8	85310.60156	225.73	57.64	48.825296	-86.939665	56138.02	56279.7	-29.70	56108.32	56110.83203	56117.49737	56116.67969	504428.5	5408036.8
L4430.0	504428.5	5408038.4	85310.79688	226.48	57.64	48.825310	-86.939665	56137.26	56279.7	-29.71	56107.56	56110.13281	56116.29780	56115.49219	504428.5	5408038.4
L4430.0	504428.5	5408039.7	85310.89844	226.49	59.61	48.825322	-86.939665	56135.42	56279.7	-29.71	56105.71	56108.33984	56115.16623	56114.37109	504428.5	5408039.7
L4430.0	504428.5	5408039.7	85311.00000	227.24	59.61	48.825322	-86.939665	56132.96	56279.7	-29.71	56103.25	56105.93359	56114.07070	56113.28516	504428.5	5408039.7
L4430.0	504428.5	5408042.3	85311.10156	227.77	57.65	48.825345	-86.939664	56132.14	56279.7	-29.71	56102.42	56105.15234	56112.86195	56112.08594	504428.5	5408042.3
L4430.0	504428.5	5408043.7	85311.20313	229.10	57.65	48.825358	-86.939664	56129.53	56279.7	-29.72	56099.81	56102.59375	56111.76736	56111.00000	504428.5	5408043.7
L4430.0	504428.5	5408043.7	85311.29688	228.49	61.58	48.825358	-86.939664	56128.77	56279.7	-29.72	56099.05	56101.87891	56110.54501	56109.78125	504428.5	5408043.7
L4430.0	504428.5	5408045.2	85311.39844	228.57	61.32	48.825371	-86.939664	56126.34	56279.7	-29.72	56096.62	56099.49219	56109.42963	56108.67188	504428.5	5408045.2
L4430.0	504428.5	5408046.6	85311.50000	228.40	61.32	48.825384	-86.939664	56124.84	56279.7	-29.72	56095.12	56098.03125	56108.24796	56107.49219	504428.5	5408046.6
L4430.0	504428.5	5408047.9	85311.60156	228.87	63	48.825396	-86.939664	56123.51	56279.7	-29.73	56093.78	56096.72656	56107.05143	56106.30078	504428.5	5408047.9
L4430.0	504428.5	5408049.1	85311.70313	228.77	63.82	48.825407	-86.939664	56121.93	56279.7	-29.73	56092.20	56095.17969	56105.86679	56105.11719	504428.5	5408049.1
L4430.0	504428.5	5408050.5	85311.79688	230.51	63.82	48.825419	-86.939664	56120.04	56279.7	-29.73	56090.31	56093.32031	56104.69882	56103.94922	504428.5	5408050.5
L4430.0	504428.5	5408050.5	85311.89844	227.94	67	48.825419	-86.939664	56118.04	56279.7	-29.74	56088.31	56091.34766	56103.53428	56102.78125	504428.5	5408050.5
L4430.0	504428.5	5408052.2	85312.00000	226.25	67	48.825435	-86.939664	56116.93	56279.7	-29.74	56087.19	56090.25391	56102.30730	56101.55078	504428.5	5408052.2
L4430.0	504428.6	5408053.4	85312.10156	225.15	63.37	48.825446	-86.939664	56113.94	56279.7	-29.74	56084.20	56087.28516	56101.20134	56100.44141	504428.6	5408053.4
L4430.0	504428.5	5408054.8	85312.20313	225.11	63.53	48.825458	-86.939664	56113.06	56279.8	-29.75	56083.31	56086.41406	56099.95188	56099.18750	504428.5	5408054.8
L4430.0	504428.5	5408054.8	85312.29688	226.47	63.58	48.825458	-86.939664	56111.41	56279.8	-29.75	56081.66	56084.77734	56098.74975	56097.98047	504428.5	5408054.8
L4430.0	504428.6	5408057.0	85312.39844	227.81	63.58	48.825478	-86.939664	56109.12	56279.8	-29.76	56079.36	56082.48828	56097.58777	56096.80859	504428.6	5408057.0
L4430.0	504428.6	5408057.0	85312.50000	229.77	63.78	48.825478	-86.939664	56107.50	56279.8	-29.76	56077.73	56080.86719	56096.37813	56095.58984	504428.6	5408057.0
L4430.0	504428.5	5408059.4	85312.60156	232.63	63.78	48.825499	-86.939664	56105.32	56279.8	-29.77	56075.55	56078.69141	56095.20237	56094.40625	504428.5	5408059.4
L4430.0	504428.5	5408059.4	85312.60156	232.63	63.87	48.825499	-86.939664	56103.83	56279.8	-29.77	56074.06	56077.20313	56093.97803	56093.16797	504428.5	5408059.4
L4430.0	504428.5	5408060.5	85312.79688	232.44	64	48.825509	-86.939664	56101.80	56279.8	-29.78	56072.02	56075.16406	56092.78800	56091.96484	504428.5	5408060.5
L4430.0	504428.5	5408062.0	85312.89844	231.23	64	48.825523	-86.939664	56099.93	56279.8	-29.79	56070.14	56073.27734	56091.58522	56090.75000	504428.5	5408062.0
L4430.0	504428.5	5408063.4	85313.00000	231.96	64.69	48.825535	-86.939664	56098.18	56279.8	-29.79	56068.39	56071.51953	56090.37194	56089.51953	504428.5	5408063.4
L4430.0	504428.5	5408064.5	85313.10156	232.86	65.15	48.825545	-86.939664	56095.10	56279.8	-29.79	56065.31	56068.42969	56089.24579	56088.37891	504428.5	5408064.5
L4430.0	504428.5	5408065.9	85313.20313	235.23	65.15	48.825558	-86.939664	56093.73	56279.8	-29.80	56063.93	56067.03516	56088.00507	56087.11719	504428.5	5408065.9
L4430.0	504428.5	5408067.6	85313.29688	234.25	67.12	48.825573	-86.939664	56090.50	56279.8	-29.80	56060.70	56063.78516	56086.88679	56085.98047	504428.5	5408067.6
L4430.0	504428.5	5408067.6	85313.39844	232.63	67.12	48.825573	-86.939664	56089.13	56279.8	-29.81	56059.33	56062.39453	56085.64396	56084.71875	504428.5	5408067.6
L4430.0	504428.5	5408069.0	85313.50000	232.12	66.72	48.825585	-86.939664	56086.92	56279.8	-29.81	56057.11	56060.14844	56084.45761	56083.50781	504428.5	5408069.0
L4430.0	504428.5	5408069.0	85313.60156	230.99	66.8	48.825585	-86.939664	56084.25	56279.8	-29.81	56054.44	56057.45313	56083.30149	56082.32813	504428.5	5408069.0
L4430.0	504428.5	5408070.6	85313.70313	228.41	66.8	48.825600	-86.939664	56082.75	56279.8	-29.82	56052.94	56055.91797	56082.06801	56081.07031	504428.5	5408070.6
L4430.0	504428.5	5408072.0	85313.79688	230.66	66.79	48.825612	-86.939664	56079.49	56279.8	-29.82	56049.67	56052.61328	56080.95361	56079.92969	504428.5	5408072.0
L4430.0	504428.5	5408073.4	85313.89844	228.44	66.79	48.825625	-86.939664	56077.54	56279.8	-29.83	56047.72	56050.62500	56079.75278	56078.70313	504428.5	5408073.4
L4430.0	504428.5	5408074.4	85314.00000	230.45	66.46	48.825634	-86.939664	56075.09	56279.8	-29.83	56045.26	56048.12109	56078.58799	56077.50781	504428.5	5408074.4
L4430.0	504428.5	5408075.9	85314.10156	229.49	66.16	48.825648	-86.939664	56073.38	56279.8	-29.83	56043.54	56046.35547	56077.37645	56076.26563	504428.5	5408075.9
L4430.0	504428.5	5408077.4	85314.20313	231.03	64.72	48.825661	-86.939664	56070.08	56279.8	-29.83	56040.25	56043.01563	56076.27270	56075.12891	504428.5	5408077.4
L4430.0	504428.5	5408077.4	85314.29688	229.40	56.5	48.825661	-86.939664	56068.02	56279.8	-29.83	56038.18	56040.89453	56075.09132	56073.91406	504428.5	5408077.4
L4430.0	504428.5	5408079.2	85314.39844	228.16	56.5	48.825678	-86.939664	56065.40	56279.8	-29.83	56035.57	56038.22656	56073.95024	56072.73828	504428.5	5408079.2
L4430.0	504428.5	5408080.2	85314.50000	225.30	54.85	48.825686	-86.939664	56063.25	56279.8	-29.83	56033.41	56036.00781	56072.78409	56071.53906	504428.5	5408080.2
L4430.0	504428.5	5408081.6	85314.60156	226.91	57.96	48.825699	-86.939664	56060.42	56279.8	-29.84	56030.58	56033.11328	56071.66820	56070.38281	504428.5	5408081.6
L4430.0	504428.5	5408083.0	85314.60156	226.91	57.96	48.825712	-86.939664	56057.51	56279.8	-29.84	56027.68	56030.14453	56070.56325	56069.24219	504428.5	5408083.0
L4430.0	504428.5	5408084.5	85314.79688	225.40	51.75	48.825725	-86.939664	56055.54	56279.8	-29.84	56025.70	56028.09375	56069.40396	56068.04297	504428.5	5408084.5
L4430.0	504428.5	5408085.6	85314.89844	225.32	53.37	48.825735	-86.939664	56051.21	56279.8	-29.84	56021.38	56023.69922	56068.40841	56067.00391	504428.5	5408085.6
L4430.0	504428.5	5408085.6	85315.00000	225.76	53.42	48.825735	-86.939664	56049.44	56279.8	-29.84	56019.60	56021.83984	56067.25203	56065.80469	504428.5	5408085.6
L4430.0	504428.5	5408087.3	85315.10156	227.51	56.58	48.825750	-86.939664	56047.21	56279.8	-29.84	56017.37	56019.53125	56066.13494	56064.64063	504428.5	5408087.3
L4430.0	504428.5	5408088.7	85315.20313	225.88	56.58	48.825763	-86.939664	56044.46	56279.8	-29.85	56014.61	56016.68359	56065.06332	56063.52344	504428.5	5408088.7
L4430.0	504428.5	5408088.7	85315.29688	226.36	54.47	48.825763	-86.939664	56040.86	56279.9	-29.85	56011.01	56012.99609	56064.05867	56062.47266	504428.5	5408088.7
L4430.0	504428.5	5408091.2	85315.39844	224.64	54.47	48.825785	-86.939664	56038.57	56279.9	-29.86	56008.71	56010.60156	56062.97920	56061.34375	504428.5	5408091.2
L4430.0	504428.5	5408092.3	85315.50000	225.44	54.71	48.825795	-86.939665	56034.77	56279.9	-29.86	56004.91	56006.70703	56062.01249	56060.32422	504428.5	5408092.3
L4430.0	504428.5	5408093.5	85315.60156	225.73	57.24	48.825806	-86.939665	56032.72	56279.9	-29.86	56002.86	56004.55859	56060.94280	56059.20313	504428.5	5408093.5
L4430.0	504428.5	5408093.5	85315.70313	225.69	56	48.825806	-86.939665	56028.98	56279.9	-29.87	55999.11	56000.70703	56060.00108	56058.20703	504428.5	5408093.5
L4430.0	504428.5	5408095.0	85315.79688	227.47	56	48.825819	-86.939665	56026.63	56279.9	-29.87	55996.76	55998.25000	56058.98162	56057.13281	504428.5	5408095.0
L4430.0	504428.5	5408096.4	85315.89844	226.77	54.59	48.825832	-86.939665	56023.32	56279.9	-29.88	55993.44	55994.82031	56058.04344	56056.14063	504428.5	5408096.4
L4430.0	504428.4	5408097.7	85316.00000	227.38	59.48	48.825844	-86.939665	56019.97	56279.9	-29.88	55990.09	55991.35547	56057.12487	56055.16406	504428.4	5408097.7
L4430.0	504428.4	5408099.1	85316.10156	227.02	59.48	48.825856	-86.939665	56017.77	56279.9	-29.88	55987.89	55989.03906	56056.14828	56054.12500	504428.4	5408099.1
L4430.0	504428.4	5408100.4	85316.20313	228.05	63.79	48.825868	-86.939665	56014.11	56279.9	-29.89	55984.22	55985.25000	56055.28939	56053.20703	504428.4	5408100.4
L4430.0	504428.4	5408100.4	85316.29688	228.85	63.56	48.825868	-86.939665	56011.66	56279.9	-29.89	55981.76	55982.66797	56054.37060	56052.22656	504428.4	5408100.4
L4430.0	504428.5	5408102.0	85316.39844	228.01	61.17	48.825882	-86.939664	56007.31	56279.9	-29.90	55977.40	55978.17969	56053.60031	56051.39063	504428.5	5408102.0
L4430.0	504428.4	5408103.4	85316.50000	230.62	61.17	48.825895	-86.939665	56004.90	56279.9	-29.90	55974.99	55975.64063	56052.72296	56050.44922	504428.4	5408103.4
L4430.0	504428.5	5408104.6	85316.60156	229.86	53.72	48.825906	-86.939664	56002.42	56279.9	-29.91	55972.51	55973.02734	56051.87429	56049.53125	504428.5	5408104.6
L4430.0	504428.5	5408106.0	85316.60156	229.86	53.72	48.825918	-86.939664	55999.64	56279.9	-29.91	55969.73	55970.10938	56051.07076	56048.66016	504428.5	5408106.0
L4430.0	504428.5	5408107.4	85316.79688	228.84	53.51	48.825931	-86.939664	55995.62	56279.9	-29.92	55965.70	55965.94141	56050.37680	56047.89453	504428.5	5408107.4
L4430.0	504428.5	5408107.4	85316.89844	227.64	54.95	48.825931	-86.939664	55992.66	56279.9	-29.93	55962.73	55962.82813	56049.63952	56047.08594	504428.5	5408107.4
L4430.0	504428.5	5408109.2	85317.00000	226.54	61.26	48.825947	-86.939664	55990.73	56279.9	-29.93	55960.80	55960.75391	56048.86136	56046.23438	504428.5	5408109.2
L4430.0	504428.5	5408110.3	85317.10156	226.37	60.78	48.825957	-86.939664	55987.75	56279.9	-29.93	55957.81	55957.61328	56048.18343	56045.48438	504428.5	5408110.3
L4430.0	504428.5	5408111.7	85317.20313	227.03	60.78	48.825970	-86.939664	55984.99	56279.9	-29.94	55955.05	55954.70313	56047.52082	56044.74609	504428.5	5408111.7
L4430.0	504428.5	5408112.9	85317.29688	226.94	60.17	48.825981	-86.939664	55982.06	56279.9	-29.94	55952.11	55951.60938	56046.90196	56044.05078	504428.5	5408112.9
L4430.0	504428.5	5408114.5	85317.39844	229.13	56.62	48.825995	-86.939664	55978.52	56280	-29.95	55948.57	55947.91016	56046.35592	56043.42578	504428.5	5408114.5
L4430.0	504428.5	5408114.5	85317.50000	228.32	56.62	48.825995	-86.939664	55975.43	56280	-29.96	55945.47	55944.65234	56045.81442	56042.80469	504428.5	5408114.5
L4430.0	504428.5	5408115.7	85317.60156	228.08	60.53	48.826006	-86.939664	55972.92	56280	-29.96	55942.96	55941.98047	56045.26850	56042.17578	504428.5	5408115.7
L4430.0	504428.5	5408116.9	85317.70313	225.99	60.92	48.826017	-86.939664	55970.98	56280	-29.97	55941.01	55939.86328	56044.72117	56041.54688	504428.5	5408116.9
L4430.0	504428.5	5408118.6	85317.79688	226.08	60.92	48.826031	-86.939664	55968.81	56280	-29.97	55938.83	55937.51563	56044.22610	56040.96875	504428.5	5408118.6
L4430.0	504428.5	5408119.8	85317.89844	226.75	60.82	48.826042	-86.939664	55965.92	56280	-29.98	55935.94	55934.45703	56043.81624	56040.47266	504428.5	5408119.8
L4430.0	504428.5	5408121.4	85318.00000	227.40	60.82	48.826057	-86.939664	55964.00	56280	-29.98	55934.02	55932.36328	56043.38051	56039.94922	504428.5	5408121.4

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4430.0	504428.5	5408122.5	85318.10156	227.60	58.87	48.826067	-86.939664	55961.67	56280	-29.99	55931.68	55929.84766	56043.01247	56039.49219	504428.5	5408122.5
L4430.0	504428.5	5408122.5	85318.20313	226.31	56.11	48.826067	-86.939664	55959.44	56280	-29.99	55929.45	55927.44141	56042.67764	56039.07031	504428.5	5408122.5
L4430.0	504428.5	5408124.2	85318.29688	227.77	56.11	48.826082	-86.939664	55957.49	56280	-30.00	55927.50	55925.30859	56042.36548	56038.66797	504428.5	5408124.2
L4430.0	504428.5	5408125.9	85318.39844	228.23	56.33	48.826097	-86.939664	55955.52	56280	-30.00	55925.52	55923.14844	56042.09743	56038.30859	504428.5	5408125.9
L4430.0	504428.5	5408127.0	85318.50000	228.00	59.81	48.826108	-86.939664	55953.81	56280	-30.01	55923.80	55921.24609	56041.85486	56037.97266	504428.5	5408127.0
L4430.0	504428.5	5408128.0	85318.60156	227.97	59.81	48.826117	-86.939664	55952.71	56280	-30.01	55922.70	55919.95703	56041.61442	56037.63672	504428.5	5408128.0
L4430.0	504428.5	5408129.2	85318.60156	227.97	59.61	48.826127	-86.939664	55950.04	56280	-30.01	55920.03	55917.10156	56041.52273	56037.44922	504428.5	5408129.2
L4430.0	504428.5	5408129.2	85318.79688	228.33	59.59	48.826127	-86.939664	55949.43	56280	-30.02	55919.41	55916.28906	56041.33898	56037.17188	504428.5	5408129.2
L4430.0	504428.5	5408130.9	85318.89844	226.53	59.61	48.826142	-86.939664	55949.07	56280	-30.03	55919.05	55915.73828	56041.18300	56036.91797	504428.5	5408130.9
L4430.0	504428.5	5408132.1	85319.00000	225.99	59.54	48.826153	-86.939664	55948.06	56280	-30.03	55918.03	55914.52734	56041.11654	56036.75391	504428.5	5408132.1
L4430.0	504428.4	5408133.8	85319.10156	226.60	59.54	48.826168	-86.939664	55946.90	56280	-30.03	55916.86	55913.16016	56041.10596	56036.64453	504428.4	5408133.8
L4430.0	504428.5	5408134.7	85319.20313	225.28	59.4	48.826176	-86.939664	55947.00	56280	-30.04	55916.96	55913.06641	56041.05687	56036.49609	504428.5	5408134.7
L4430.0	504428.5	5408135.8	85319.29688	226.50	59.4	48.826187	-86.939664	55946.85	56280	-30.04	55916.81	55912.71875	56041.07084	56036.40625	504428.5	5408135.8
L4430.0	504428.5	5408137.3	85319.39844	224.18	59.3	48.826200	-86.939664	55946.95	56280	-30.05	55916.90	55912.60938	56041.11534	56036.35156	504428.5	5408137.3
L4430.0	504428.5	5408138.5	85319.50000	224.33	58.91	48.826210	-86.939664	55947.50	56280.1	-30.05	55917.45	55912.96094	56041.17579	56036.30859	504428.5	5408138.5
L4430.0	504428.5	5408139.9	85319.60156	224.63	59.03	48.826224	-86.939664	55947.40	56280.1	-30.05	55917.35	55912.66016	56041.32621	56036.35547	504428.5	5408139.9
L4430.0	504428.5	5408140.7	85319.70313	225.21	59.07	48.826230	-86.939664	55947.63	56280.1	-30.06	55917.58	55912.68750	56041.50119	56036.42578	504428.5	5408140.7
L4430.0	504428.5	5408140.7	85319.79688	224.44	59.07	48.826230	-86.939664	55949.00	56280.1	-30.06	55918.93	55913.83594	56041.64793	56036.46875	504428.5	5408140.7
L4430.0	504428.5	5408142.5	85319.89844	223.91	58.96	48.826247	-86.939663	55948.34	56280.1	-30.07	55918.27	55912.97266	56041.97489	56036.68750	504428.5	5408142.5
L4430.0	504428.5	5408144.0	85320.00000	224.13	58.96	48.826260	-86.939663	55950.72	56280.1	-30.07	55920.65	55915.14844	56042.14513	56036.75391	504428.5	5408144.0
L4430.0	504428.5	5408145.0	85320.10156	223.64	59.07	48.826269	-86.939663	55951.73	56280.1	-30.07	55921.65	55915.94141	56042.45297	56036.95313	504428.5	5408145.0
L4430.0	504428.5	5408146.3	85320.20313	224.46	59.07	48.826281	-86.939663	55953.27	56280.1	-30.08	55923.19	55917.27734	56042.76998	56037.16406	504428.5	5408146.3
L4430.0	504428.5	5408147.5	85320.29688	223.69	59.07	48.826292	-86.939663	55955.88	56280.1	-30.08	55925.79	55919.67188	56043.06101	56037.34766	504428.5	5408147.5
L4430.0	504428.5	5408149.0	85320.39844	224.98	57.76	48.826305	-86.939663	55955.68	56280.1	-30.09	55925.59	55919.26563	56043.58284	56037.76172	504428.5	5408149.0
L4430.0	504428.5	5408150.4	85320.50000	222.92	53.21	48.826318	-86.939663	55958.71	56280.1	-30.10	55928.62	55922.09375	56043.93285	56038.00000	504428.5	5408150.4
L4430.0	504428.5	5408150.4	85320.60156	223.23	53.71	48.826318	-86.939663	55961.26	56280.1	-30.10	55931.16	55924.42578	56044.35834	56038.32031	504428.5	5408150.4
L4430.0	504428.6	5408151.6	85320.60156	223.23	55.89	48.826328	-86.939662	55963.57	56280.1	-30.10	55933.47	55926.53125	56044.84125	56038.69141	504428.6	5408151.6
L4430.0	504428.6	5408153.0	85320.79688	225.75	55.89	48.826341	-86.939662	55965.99	56280.1	-30.11	55935.88	55928.73438	56045.35875	56039.10156	504428.6	5408153.0
L4430.0	504428.6	5408154.2	85320.89844	224.76	59.29	48.826352	-86.939662	55968.57	56280.1	-30.12	55938.46	55931.10938	56045.90533	56039.53906	504428.6	5408154.2
L4430.0	504428.6	5408155.6	85321.00000	223.26	59.17	48.826365	-86.939662	55971.00	56280.1	-30.12	55940.88	55933.32813	56046.50205	56040.02344	504428.6	5408155.6
L4430.0	504428.6	5408157.0	85321.10156	223.13	59.17	48.826377	-86.939662	55974.75	56280.1	-30.13	55944.62	55936.86328	56047.04929	56040.46094	504428.6	5408157.0
L4430.0	504428.6	5408158.3	85321.20313	222.92	59.22	48.826389	-86.939661	55977.83	56280.1	-30.14	55947.69	55939.73047	56047.67870	56040.98047	504428.6	5408158.3
L4430.0	504428.6	5408158.3	85321.29688	223.89	59.22	48.826389	-86.939661	55980.74	56280.1	-30.15	55950.59	55942.42969	56048.35588	56041.55078	504428.6	5408158.3
L4430.0	504428.7	5408159.9	85321.39844	225.75	59.22	48.826403	-86.939661	55984.86	56280.2	-30.16	55954.71	55946.34766	56048.98706	56042.07031	504428.7	5408159.9
L4430.0	504428.7	5408161.1	85321.50000	225.46	59.02	48.826414	-86.939661	55986.36	56280.2	-30.17	55956.19	55947.62891	56049.82842	56042.80078	504428.7	5408161.1
L4430.0	504428.7	5408162.5	85321.60156	226.58	58.16	48.826427	-86.939661	55989.52	56280.2	-30.17	55959.35	55950.58984	56050.59081	56043.45703	504428.7	5408162.5
L4430.0	504428.7	5408163.7	85321.70313	227.20	58.16	48.826438	-86.939660	55993.77	56280.2	-30.18	55963.58	55954.62109	56051.31366	56044.07031	504428.7	5408163.7
L4430.0	504428.7	5408165.3	85321.79688	227.93	53.59	48.826452	-86.939660	55998.45	56280.2	-30.19	55968.25	55959.09375	56052.03775	56044.68359	504428.7	5408165.3
L4430.0	504428.7	5408165.8	85321.89844	228.59	50.66	48.826456	-86.939660	56001.98	56280.2	-30.20	55971.78	55962.42969	56052.86716	56045.40625	504428.7	5408165.8
L4430.0	504428.7	5408167.1	85322.00000	229.10	51.04	48.826468	-86.939660	56005.25	56280.2	-30.21	55975.04	55965.49609	56053.74260	56046.17578	504428.7	5408167.1
L4430.0	504428.7	5408168.7	85322.10156	228.82	51.04	48.826482	-86.939660	56009.66	56280.2	-30.22	55979.44	55969.70703	56054.56878	56046.89453	504428.7	5408168.7
L4430.0	504428.7	5408168.7	85322.20313	226.98	53.92	48.826482	-86.939660	56012.74	56280.2	-30.22	55982.52	55972.59375	56055.50840	56047.72656	504428.7	5408168.7
L4430.0	504428.7	5408170.1	85322.29688	228.19	54.21	48.826495	-86.939660	56016.79	56280.2	-30.23	55986.56	55976.44922	56056.40813	56048.51953	504428.7	5408170.1
L4430.0	504428.7	5408171.8	85322.39844	228.74	54.21	48.826510	-86.939660	56021.26	56280.2	-30.23	55991.03	55980.73047	56057.30198	56049.30859	504428.7	5408171.8
L4430.0	504428.7	5408173.0	85322.50000	229.38	58.69	48.826521	-86.939660	56025.03	56280.2	-30.24	55994.79	55984.30859	56058.26463	56050.16797	504428.7	5408173.0
L4430.0	504428.7	5408174.5	85322.60156	228.17	52.59	48.826535	-86.939661	56029.13	56280.2	-30.25	55998.89	55988.22656	56059.22475	56051.02344	504428.7	5408174.5
L4430.0	504428.7	5408175.6	85322.60156	228.17	52.59	48.826545	-86.939661	56031.66	56280.2	-30.25	56001.41	55990.57031	56060.30902	56052.00391	504428.7	5408175.6
L4430.0	504428.7	5408176.7	85322.79688	227.57	52.8	48.826554	-86.939661	56034.92	56280.3	-30.26	56004.66	55993.64063	56061.36213	56052.95313	504428.7	5408176.7
L4430.0	504428.7	5408176.7	85322.89844	228.00	47.87	48.826554	-86.939661	56039.88	56280.3	-30.26	56009.62	55998.42578	56062.31744	56053.80859	504428.7	5408176.7
L4430.0	504428.6	5408178.6	85323.00000	227.64	47.87	48.826571	-86.939661	56044.16	56280.3	-30.27	56013.89	56002.52734	56063.33365	56054.72656	504428.6	5408178.6
L4430.0	504428.6	5408180.7	85323.10156	228.25	47.79	48.826590	-86.939662	56047.72	56280.3	-30.27	56017.45	56005.91797	56064.41082	56055.70313	504428.6	5408180.7
L4430.0	504428.6	5408181.7	85323.20313	227.76	47.79	48.826599	-86.939662	56052.04	56280.3	-30.28	56021.76	56010.06250	56065.45036	56056.64453	504428.6	5408181.7
L4430.0	504428.6	5408181.7	85323.29688	226.13	50.35	48.826599	-86.939662	56055.82	56280.3	-30.28	56025.54	56013.67969	56066.53635	56057.63672	504428.6	5408181.7
L4430.0	504428.5	5408183.4	85323.39844	225.88	50.35	48.826614	-86.939663	56058.09	56280.3	-30.29	56027.80	56015.78125	56067.73358	56058.73828	504428.5	5408183.4
L4430.0	504428.5	5408185.0	85323.50000	225.43	47.25	48.826629	-86.939663	56061.93	56280.3	-30.29	56031.64	56019.46484	56068.83418	56059.74219	504428.5	5408185.0
L4430.0	504428.5	5408186.7	85323.60156	226.78	47.25	48.826644	-86.939664	56066.39	56280.3	-30.30	56036.09	56023.76172	56069.90166	56060.71875	504428.5	5408186.7
L4430.0	504428.5	5408186.7	85323.70313	228.01	48.2	48.826644	-86.939664	56069.57	56280.3	-30.31	56039.27	56026.79297	56071.06019	56061.78516	504428.5	5408186.7
L4430.0	504428.4	5408188.1	85323.79688	230.96	58.04	48.826657	-86.939664	56073.15	56280.3	-30.31	56042.84	56030.21484	56072.19800	56062.83594	504428.4	5408188.1
L4430.0	504428.4	5408188.1	85323.89844	231.30	58.04	48.826657	-86.939664	56076.45	56280.3	-30.32	56046.14	56033.37500	56073.35800	56063.90625	504428.4	5408188.1
L4430.0	504428.4	5408190.3	85324.00000	230.50	43.7	48.826677	-86.939664	56080.10	56280.3	-30.32	56049.78	56036.87500	56074.49847	56064.96094	504428.4	5408190.3
L4430.0	504428.4	5408191.7	85324.10156	228.98	43.7	48.826690	-86.939665	56083.11	56280.3	-30.33	56052.79	56039.75000	56075.68305	56066.06250	504428.4	5408191.7
L4430.0	504428.4	5408193.4	85324.20313	229.92	48.96	48.826705	-86.939665	56086.25	56280.3	-30.33	56055.91	56042.73828	56076.86140	56067.15625	504428.4	5408193.4
L4430.0	504428.3	5408194.9	85324.29688	229.93	48.96	48.826718	-86.939665	56089.48	56280.3	-30.34	56059.14	56045.83984	56078.03258	56068.24609	504428.3	5408194.9
L4430.0	504428.3	5408194.9	85324.39844	231.36	57.1	48.826718	-86.939665	56093.21	56280.3	-30.35	56062.86	56049.43750	56079.17033	56069.30469	504428.3	5408194.9
L4430.0	504428.3	5408196.6	85324.50000	229.66	57.39	48.826733	-86.939665	56096.44	56280.4	-30.36	56066.08	56052.53516	56080.33974	56070.39453	504428.3	5408196.6
L4430.0	504428.3	5408197.8	85324.60156	229.45	57.39	48.826744	-86.939665	56099.42	56280.4	-30.36	56069.06	56055.40234	56081.52263	56071.50391	504428.3	5408197.8
L4430.0	504428.3	5408199.5	85324.60156	229.45	57.69	48.826759	-86.939665	56101.53	56280.4	-30.36	56071.17	56057.39844	56082.76017	56072.66797	504428.3	5408199.5
L4430.0	504428.3	5408199.5	85324.79688	230.24	57.69	48.826759	-86.939665	56104.68	56280.4	-30.38	56074.31	56060.43359	56083.92491	56073.75781	504428.3	5408199.5
L4430.0	504428.3	5408200.9	85324.89844	230.33	55.1	48.826772	-86.939665	56107.90	56280.4	-30.38	56077.51	56063.52734	56085.08075	56074.84375	504428.3	5408200.9
L4430.0	504428.3	5408202.3	85325.00000	229.06	57.56	48.826784	-86.939665	56111.34	56280.4	-30.39	56080.95	56066.87109	56086.21497	56075.91406	504428.3	5408202.3
L4430.0	504428.3	5408203.7	85325.10156	230.53	57.56	48.826798	-86.939665	56113.14	56280.4	-30.39	56082.75	56068.57813	56087.45221	56077.08594	504428.3	5408203.7
L4430.0	504428.3	5408203.7	85325.20313	228.82	56.83	48.826798	-86.939665	56116.34	56280.4	-30.39	56085.95	56071.68750	56088.58915	56078.15625	504428.3	5408203.7
L4430.0	504428.3	5408205.4	85325.29688	228.37	56.83	48.826813	-86.939665	56117.76	56280.4	-30.40	56087.37	56073.02344	56089.83717	56079.34375	504428.3	5408205.4
L4430.0	504428.3	5408206.7	85325.39844	229.60	44.61	48.826824	-86.939665	56121.81	56280.4	-30.40	56091.41	56076.98047	56090.90233	56080.35156	504428.3	5408206.7
L4430.0	504428.3	5408206.7	85325.50000	228.99	44.61	48.826824	-86.939665	56123.68	56280.4	-30.40	56093.28	56078.77344	56092.10342	56081.49609	504428.3	5408206.7
L4430.0	504428.3	5408208.7	85325.60156	229.82	57.32	48.826842	-86.939665	56126.72	56280.4	-30.40	56096.32	56081.74219	56093.21723	56082.55469	504428.3	5408208.7
L4430.0	504428.3	5408210.4	85325.70313	227.31	56.85	48.826857	-86.939665	56128.92	56280.4	-30.40	56098.51	56083.86719	56094.37793	56083.66406	504428.3	5408210.4
L4430.0	504428.3	5408211.6	85325.79688	224.68	52.87	48.826868	-86.939665	56131.42	56280.4	-30.41	56101.02	56086.31641	56095.50705	56084.74219	504428.3	5408211.6
L4430.0	504428.3	5408212.6	85325.89844	225.06	56.85	48.826877	-86.939665	56133.80	56280.4	-30.41	56103.39	56088.62891	56096.63482	56085.82422	504428.3	5408212.6
L4430.0	504428.3	5408214.0	85326.00000	222.45	56.85	48.826890	-86.939665	56133.98	56280.4	-30.41	56103.57	56088.75391	56097.89749	56087.04297	504428.3	5408214.0
L4430.0	504428.3	5408215.4	85326.10156	223.38	57.86	48.826903	-86.939665	56137.77	56280.4	-30.42	56107.36	56092.50000	56098.90799	56088.01172	504428.3	5408215.4
L4430.0	504428.4	5408216.9	85326.20313	222.40	58.26	48.826916	-86.939665	56139.84	56280.4	-30.42	56109.42	56094.51563	56100.02199	56089.08594	504428.4	5408216.9
L4430.0	504428.4	5408217.8	85326.29688	221.06	58.17	48.826924	-86.939664	56142.50	56280.4	-30.43	56112.07	56097.12891	56101.08446	56090.10938	504428.4	5408217.8
L4430.0	504428.4	5408217.8	85326.39844	222.54	58.17	48.826924	-86.939664	56143.72	56280.4	-30.44	56113.28	56098.30469	56102.23044	56091.22266	504428.4	5408217.8
L4430.0	504428.4	5408219.5	85326.50000	222.25	58.11	48.826940	-86.939664	56146.01	56280.4	-30.45	56115.56	56100.55469	56103.29229	56092.25000	504428.4	5408219.5
L4430.0	504428.4	5408221.0	85326.60156	220.15	58.11	48.826953	-86.939664	56148.36	56280.5	-30.45	56117.90	56102.87500	56104.33710	56093.26563	504428.4	5408221.0
L4430.0	504428.4	5408222.4	85326.60156	220.15	57.86	48.826966	-86.939664	56149.61	56280.5	-30.45	56119.15	56104.10547	56105.44128	56094.34375	504428.4	5408222.4
L4430.0	504428.4	5408223.7	85326.79688	222.23	57.86	48.826977	-86.939664	56151.91	56280.5	-30.47	56121.45	56106.39453	56106.46194	56095.33984	504428.4	5408223.7
L4430.0	504428.4	5408223.7	85326.89844	222.94	57.93	48.826977	-86.939664	56153.03	56280.5	-30.47	56122.55	56107.48438	56107.54888	56096.40625	504428.4	5408223.7
L4430.0	504428.4	5408225.1	85327.00000	223.12	58.04	48.826990	-86.939664	56155.78	56280.5	-30.48	56125.30	56110.23047	56108.51191	56097.35156	504428.4	5408225.1
L4430.0	504428.4	5408226.5	85327.10156	222.59	58.04	48.827002	-86.939664	56156.31	56280.5	-30.48	56125.82	56110.75391	56109.60953	56098.43359	504428.4	5408226.5
L4430.0	504428.4	5408227.7	85327.20313	223.37	58.01	48.827013	-86.939664	56159.18	56280.5	-30.49	56128.69	56113.63281	56110.53626	56099.34766	504428.4	5408227.7
L4430.0	504428.4	5408229.2	85327.29688	221.22	58.01	48.827026	-86.939664	56160.00	56280.5	-30.49	56129.51	56114.46484	56111.58530	56100.38672	504428.4	5408229.2

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4430.0	504428.4	5408230.2	85327.39844	222.44	57.89	48.827036	-86.939664	56161.92	56280.5	-30.50	56131.43	56116.39844	56112.54651	56101.33984	504428.4	5408230.2
L4430.0	504428.4	5408231.3	85327.50000	222.93	57.9	48.827046	-86.939664	56162.33	56280.5	-30.50	56131.83	56116.82031	56113.59448	56102.37891	504428.4	5408231.3
L4430.0	504428.4	5408232.6	85327.60156	223.84	57.9	48.827057	-86.939664	56164.23	56280.5	-30.50	56133.73	56118.75000	56114.52776	56103.31250	504428.4	5408232.6
L4430.0	504428.4	5408234.2	85327.70313	223.10	57.79	48.827072	-86.939664	56166.90	56280.5	-30.51	56136.39	56121.44141	56115.39561	56104.17969	504428.4	5408234.2
L4430.0	504428.4	5408235.7	85327.79688	223.32	57.82	48.827085	-86.939664	56168.11	56280.5	-30.51	56137.60	56122.68750	56116.34529	56105.13281	504428.4	5408235.7
L4430.0	504428.4	5408235.7	85327.89844	225.32	57.82	48.827085	-86.939664	56169.64	56280.5	-30.52	56139.12	56124.25000	56117.25942	56106.05078	504428.4	5408235.7
L4430.0	504428.4	5408237.9	85328.00000	227.48	57.87	48.827105	-86.939664	56170.46	56280.5	-30.52	56139.94	56125.11719	56118.20527	56107.00781	504428.4	5408237.9
L4430.0	504428.4	5408237.9	85328.10156	225.80	57.66	48.827105	-86.939664	56171.96	56280.5	-30.53	56141.43	56126.65625	56119.09148	56107.90234	504428.4	5408237.9
L4430.0	504428.4	5408240.5	85328.20313	225.74	57.69	48.827128	-86.939664	56172.89	56280.5	-30.53	56142.36	56127.64453	56120.00001	56108.82813	504428.4	5408240.5
L4430.0	504428.4	5408240.5	85328.29688	224.78	57.6	48.827128	-86.939664	56174.47	56280.5	-30.54	56143.93	56129.27344	56120.85083	56109.69531	504428.4	5408240.5
L4430.0	504428.4	5408241.7	85328.39844	226.58	57.96	48.827139	-86.939664	56175.96	56280.5	-30.54	56145.41	56130.82031	56121.69261	56110.55469	504428.4	5408241.7
L4430.0	504428.4	5408243.2	85328.50000	227.50	57.96	48.827152	-86.939664	56176.64	56280.5	-30.55	56146.09	56131.57031	56122.57265	56111.45703	504428.4	5408243.2
L4430.0	504428.4	5408244.6	85328.60156	226.71	57.84	48.827166	-86.939664	56177.86	56280.6	-30.56	56147.30	56132.85938	56123.40230	56112.31250	504428.4	5408244.6
L4430.0	504428.4	5408246.1	85328.60156	226.71	58.01	48.827179	-86.939664	56179.64	56280.6	-30.56	56149.08	56134.71875	56124.17888	56113.11719	504428.4	5408246.1
L4430.0	504428.4	5408246.1	85328.79688	228.49	58.01	48.827179	-86.939664	56180.75	56280.6	-30.57	56150.18	56135.90234	56124.98574	56113.95313	504428.4	5408246.1
L4430.0	504428.4	5408248.1	85328.89844	227.43	58.03	48.827196	-86.939663	56181.46	56280.6	-30.57	56150.88	56136.69141	56125.80422	56114.80469	504428.4	5408248.1
L4430.0	504428.4	5408249.8	85329.00000	228.58	58.03	48.827212	-86.939663	56183.48	56280.6	-30.58	56152.90	56138.80469	56126.51967	56115.55469	504428.4	5408249.8
L4430.0	504428.4	5408251.3	85329.10156	224.92	57.84	48.827225	-86.939663	56183.77	56280.6	-30.58	56153.19	56139.19531	56127.33545	56116.40625	504428.4	5408251.3
L4430.0	504428.4	5408251.3	85329.20313	224.30	57.84	48.827225	-86.939663	56185.40	56280.6	-30.59	56154.81	56140.91797	56128.04757	56117.16016	504428.4	5408251.3
L4430.0	504428.4	5408253.2	85329.29688	225.17	58.05	48.827242	-86.939663	56186.01	56280.6	-30.60	56155.41	56141.62500	56128.81274	56117.96875	504428.4	5408253.2
L4430.0	504428.4	5408253.2	85329.39844	223.83	58.22	48.827242	-86.939663	56187.41	56280.6	-30.60	56156.81	56143.13281	56129.50964	56118.71094	504428.4	5408253.2
L4430.0	504428.4	5408254.8	85329.50000	223.73	58.08	48.827257	-86.939663	56187.75	56280.6	-30.60	56157.15	56143.58984	56130.26232	56119.51172	504428.4	5408254.8
L4430.0	504428.4	5408256.3	85329.60156	224.79	58.08	48.827270	-86.939663	56188.89	56280.6	-30.61	56158.28	56144.83984	56130.94747	56120.24609	504428.4	5408256.3
L4430.0	504428.4	5408257.7	85329.70313	226.79	58.01	48.827283	-86.939663	56190.10	56280.6	-30.61	56159.49	56146.17578	56131.61248	56120.96484	504428.4	5408257.7
L4430.0	504428.4	5408259.3	85329.79688	225.13	58.24	48.827298	-86.939663	56190.70	56280.6	-30.62	56160.08	56146.89063	56132.30404	56121.71484	504428.4	5408259.3
L4430.0	504428.4	5408259.3	85329.89844	224.01	58.24	48.827298	-86.939663	56192.22	56280.6	-30.63	56161.59	56148.53516	56132.91954	56122.38672	504428.4	5408259.3
L4430.0	504428.4	5408260.7	85330.00000	222.65	58.28	48.827310	-86.939663	56193.00	56280.6	-30.63	56162.37	56149.44922	56133.56902	56123.09766	504428.4	5408260.7
L4430.0	504428.4	5408262.2	85330.10156	223.59	58.18	48.827323	-86.939663	56193.90	56280.6	-30.63	56163.27	56150.48828	56134.19587	56123.78516	504428.4	5408262.2
L4430.0	504428.4	5408263.4	85330.20313	223.78	58.18	48.827334	-86.939663	56195.29	56280.6	-30.63	56164.66	56152.02344	56134.77547	56124.42969	504428.4	5408263.4
L4430.0	504428.4	5408264.8	85330.29688	224.59	58.12	48.827347	-86.939663	56194.43	56280.6	-30.64	56163.80	56151.30859	56135.49055	56125.21094	504428.4	5408264.8
L4430.0	504428.4	5408266.3	85330.39844	224.29	58.21	48.827360	-86.939663	56196.04	56280.6	-30.64	56165.40	56153.05859	56136.02717	56125.82031	504428.4	5408266.3
L4430.0	504428.4	5408266.3	85330.50000	225.71	58.21	48.827360	-86.939663	56197.24	56280.6	-30.64	56166.60	56154.41406	56136.57605	56126.43750	504428.4	5408266.3
L4430.0	504428.4	5408267.8	85330.60156	225.72	58.19	48.827374	-86.939663	56198.20	56280.6	-30.64	56167.56	56155.53125	56137.12660	56127.06250	504428.4	5408267.8
L4430.0	504428.4	5408269.2	85330.60156	225.72	58.26	48.827387	-86.939663	56197.65	56280.6	-30.64	56167.01	56155.14453	56137.76354	56127.77734	504428.4	5408269.2
L4430.0	504428.4	5408270.2	85330.79688	227.06	58.32	48.827396	-86.939663	56199.28	56280.6	-30.65	56168.64	56156.93750	56138.24096	56128.33203	504428.4	5408270.2
L4430.0	504428.4	5408271.7	85330.89844	227.79	58.32	48.827409	-86.939663	56199.66	56280.6	-30.65	56169.02	56157.48438	56138.78759	56128.95703	504428.4	5408271.7
L4430.0	504428.4	5408273.1	85331.00000	230.10	58.25	48.827422	-86.939663	56200.96	56280.7	-30.65	56170.31	56158.94531	56139.25951	56129.51172	504428.4	5408273.1
L4430.0	504428.4	5408274.3	85331.10156	229.61	58.35	48.827433	-86.939663	56201.82	56280.7	-30.66	56171.16	56159.96875	56139.74680	56130.08594	504428.4	5408274.3
L4430.0	504428.4	5408274.3	85331.20313	230.34	58.41	48.827433	-86.939663	56201.44	56280.7	-30.66	56170.78	56159.76563	56140.30223	56130.72656	504428.4	5408274.3
L4430.0	504428.5	5408276.3	85331.29688	231.63	58.52	48.827450	-86.939662	56201.51	56280.7	-30.67	56170.84	56160.00781	56140.81454	56131.32422	504428.5	5408276.3
L4430.0	504428.5	5408278.0	85331.39844	228.41	58.52	48.827465	-86.939662	56202.14	56280.7	-30.67	56171.47	56160.82031	56141.27517	56131.87500	504428.5	5408278.0
L4430.0	504428.5	5408279.4	85331.50000	226.71	58.55	48.827478	-86.939662	56203.01	56280.7	-30.68	56172.33	56161.86328	56141.70689	56132.39844	504428.5	5408279.4
L4430.0	504428.5	5408279.4	85331.60156	224.79	58.53	48.827478	-86.939662	56204.28	56280.7	-30.69	56173.59	56163.31250	56142.09846	56132.88672	504428.5	5408279.4
L4430.0	504428.5	5408280.8	85331.70313	227.31	58.65	48.827491	-86.939662	56204.85	56280.7	-30.69	56174.16	56164.07031	56142.52266	56133.40234	504428.5	5408280.8
L4430.0	504428.5	5408283.0	85331.79688	227.42	58.71	48.827511	-86.939662	56204.68	56280.7	-30.70	56173.99	56164.09375	56142.98295	56133.96094	504428.5	5408283.0
L4430.0	504428.5	5408283.0	85331.89844	226.95	58.6	48.827511	-86.939662	56205.23	56280.7	-30.70	56174.53	56164.82813	56143.38277	56134.46094	504428.5	5408283.0
L4430.0	504428.5	5408284.2	85332.00000	225.65	58.6	48.827521	-86.939662	56204.57	56280.7	-30.71	56173.86	56164.35547	56143.85026	56135.02734	504428.5	5408284.2
L4430.0	504428.5	5408285.4	85332.10156	225.72	58.71	48.827532	-86.939662	56205.23	56280.7	-30.71	56174.52	56165.21484	56144.21620	56135.49609	504428.5	5408285.4
L4430.0	504428.5	5408286.6	85332.20313	225.57	58.87	48.827543	-86.939662	56206.68	56280.7	-30.72	56175.96	56166.85547	56144.51740	56135.89844	504428.5	5408286.6
L4430.0	504428.5	5408288.1	85332.29688	225.09	58.85	48.827556	-86.939662	56206.47	56280.7	-30.72	56175.75	56166.84766	56144.91602	56136.40234	504428.5	5408288.1
L4430.0	504428.5	5408289.5	85332.39844	225.50	58.85	48.827569	-86.939662	56207.02	56280.7	-30.73	56176.29	56167.59375	56145.25218	56136.84375	504428.5	5408289.5
L4430.0	504428.5	5408291.0	85332.50000	226.77	58.92	48.827583	-86.939662	56207.26	56280.7	-30.73	56176.53	56168.03906	56145.59605	56137.29688	504428.5	5408291.0
L4430.0	504428.5	5408291.0	85332.60156	228.63	58.84	48.827583	-86.939662	56207.15	56280.7	-30.73	56176.41	56168.12891	56145.95179	56137.75781	504428.5	5408291.0
L4430.0	504428.5	5408292.4	85332.60156	228.63	58.93	48.827596	-86.939662	56208.18	56280.7	-30.73	56177.45	56169.37891	56146.21823	56138.13672	504428.5	5408292.4
L4430.0	504428.5	5408293.9	85332.79688	229.30	58.93	48.827608	-86.939662	56206.99	56280.7	-30.74	56176.25	56168.39063	56146.62221	56138.65234	504428.5	5408293.9
L4430.0	504428.5	5408295.3	85332.89844	228.70	59.01	48.827621	-86.939662	56208.04	56280.7	-30.75	56177.29	56169.64063	56146.86524	56139.00781	504428.5	5408295.3
L4430.0	504428.5	5408296.3	85333.00000	229.15	59.07	48.827630	-86.939662	56206.68	56280.8	-30.75	56175.93	56168.49609	56147.25683	56139.51172	504428.5	5408296.3
L4430.0	504428.5	5408297.7	85333.10156	228.76	59.07	48.827643	-86.939662	56208.34	56280.8	-30.75	56177.59	56170.37109	56147.43583	56139.80469	504428.5	5408297.7
L4430.0	504428.5	5408297.7	85333.20313	228.47	59.07	48.827643	-86.939662	56207.46	56280.8	-30.76	56176.70	56169.69531	56147.77378	56140.25781	504428.5	5408297.7
L4430.0	504428.4	5408300.6	85333.29688	229.12	59.07	48.827669	-86.939662	56207.40	56280.8	-30.76	56176.64	56169.85156	56148.04554	56140.64844	504428.4	5408300.6
L4430.0	504428.4	5408300.6	85333.39844	229.67	59.17	48.827669	-86.939662	56208.06	56280.8	-30.77	56177.29	56170.71875	56148.25932	56140.97656	504428.4	5408300.6
L4430.0	504428.4	5408302.1	85333.50000	230.21	59.17	48.827682	-86.939662	56207.62	56280.8	-30.78	56176.85	56170.49609	56148.53531	56141.37109	504428.4	5408302.1
L4430.0	504428.4	5408303.0	85333.60156	230.16	59.12	48.827691	-86.939663	56208.81	56280.8	-30.78	56178.03	56171.89453	56148.69307	56141.64844	504428.4	5408303.0
L4430.0	504428.4	5408304.5	85333.70313	231.55	59.12	48.827704	-86.939663	56207.01	56280.8	-30.79	56176.22	56170.30469	56149.04014	56142.11719	504428.4	5408304.5
L4430.0	504428.4	5408305.4	85333.79688	230.55	59.19	48.827712	-86.939663	56208.09	56280.8	-30.79	56177.30	56171.60547	56149.18475	56142.38281	504428.4	5408305.4
L4430.0	504428.4	5408306.6	85333.89844	227.49	59.19	48.827723	-86.939663	56206.22	56280.8	-30.80	56175.42	56169.94531	56149.51711	56142.83594	504428.4	5408306.6
L4430.0	504428.4	5408308.3	85334.00000	227.44	59.28	48.827738	-86.939663	56206.93	56280.8	-30.80	56176.13	56170.87500	56149.66746	56143.10938	504428.4	5408308.3
L4430.0	504428.4	5408309.5	85334.10156	228.69	59.36	48.827749	-86.939663	56207.50	56280.8	-30.81	56176.70	56171.66406	56149.81802	56143.38281	504428.4	5408309.5
L4430.0	504428.4	5408311.0	85334.20313	229.13	59.43	48.827762	-86.939663	56207.59	56280.8	-30.81	56176.78	56171.96484	56149.99237	56143.67969	504428.4	5408311.0
L4430.0	504428.4	5408312.4	85334.29688	229.38	59.43	48.827775	-86.939663	56206.84	56280.8	-30.82	56176.03	56171.43359	56150.21339	56144.02734	504428.4	5408312.4
L4430.0	504428.4	5408312.4	85334.39844	229.32	59.47	48.827775	-86.939663	56207.08	56280.8	-30.82	56176.26	56171.88281	56150.36067	56144.29688	504428.4	5408312.4
L4430.0	504428.4	5408314.0	85334.50000	228.36	59.57	48.827790	-86.939663	56205.66	56280.8	-30.82	56174.84	56170.68359	56150.60976	56144.67188	504428.4	5408314.0
L4430.0	504428.4	5408315.5	85334.60156	228.16	59.57	48.827803	-86.939663	56206.44	56280.8	-30.83	56175.61	56171.67188	56150.70492	56144.89453	504428.4	5408315.5
L4430.0	504428.4	5408316.7	85334.60156	228.16	59.61	48.827814	-86.939663	56205.93	56280.8	-30.83	56175.10	56171.38281	56150.87771	56145.19141	504428.4	5408316.7
L4430.0	504428.4	5408316.7	85334.79688	226.91	59.61	48.827814	-86.939663	56207.05	56280.8	-30.84	56176.21	56172.71094	56150.93504	56145.37500	504428.4	5408316.7
L4430.0	504428.4	5408318.1	85334.89844	227.84	59.56	48.827827	-86.939663	56204.34	56280.8	-30.85	56173.49	56170.20703	56151.24049	56145.80859	504428.4	5408318.1
L4430.0	504428.4	5408319.3	85335.00000	226.28	59.55	48.827838	-86.939663	56205.63	56280.8	-30.85	56174.78	56171.71484	56151.27163	56145.96484	504428.4	5408319.3
L4430.0	504428.4	5408320.5	85335.10156	225.90	59.55	48.827848	-86.939663	56204.26	56280.9	-30.85	56173.41	56170.55859	56151.47336	56146.29297	504428.4	5408320.5
L4430.0	504428.4	5408322.3	85335.20313	226.81	59.41	48.827864	-86.939663	56204.77	56280.9	-30.86	56173.92	56171.28516	56151.54325	56146.49219	504428.4	5408322.3
L4430.0	504428.4	5408323.7	85335.29688	226.67	59.52	48.827877	-86.939663	56204.48	56280.9	-30.86	56173.62	56171.19531	56151.66089	56146.73828	504428.4	5408323.7
L4430.0	504428.4	5408324.9	85335.39844	226.36	59.52	48.827888	-86.939663	56204.32	56280.9	-30.86	56173.45	56171.23828	56151.76383	56146.96875	504428.4	5408324.9
L4430.0	504428.4	5408326.1	85335.50000	224.53	59.56	48.827898	-86.939663	56203.72	56280.9	-30.86	56172.85	56170.85156	56151.88965	56147.22266	504428.4	5408326.1
L4430.0	504428.4	5408326.1	85335.60156	225.47	59.56	48.827898	-86.939663	56203.26	56280.9	-30.87	56172.39	56170.60156	56152.00058	56147.46094	504428.4	5408326.1
L4430.0	504428.4	5408327.6	85335.70313	226.03	59.53	48.827911	-86.939663	56204.48	56280.9	-30.87	56173.61	56172.02734	56151.99418	56147.58203	504428.4	5408327.6
L4430.0	504428.4	5408328.8	85335.79688	226.80	59.53	48.827923	-86.939663	56202.27	56280.9	-30.87	56171.40	56170.02344	56152.21135	56147.92578	504428.4	5408328.8
L4430.0	504428.4	5408330.2	85335.89844	227.64	59.7	48.827935	-86.939663	56202.96	56280.9	-30.88	56172.08	56170.91016	56152.23099	56148.07422	504428.4	5408330.2
L4430.0	504428.4	5408331.6	85336.00000	227.11	59.92	48.827948	-86.939663	56202.24	56280.9	-30.88	56171.36	56170.39453	56152.33930	56148.31250	504428.4	5408331.6
L4430.0	504428.4	5408332.6	85336.10156	226.12	59.79	48.827956	-86.939663	56202.98	56280.9	-30.89	56172.09	56171.32422	56152.34652	56148.44531	504428.4	5408332.6
L4430.0	504428.4	5408334.0	85336.20313	225.32	59.85	48.827970	-86.939663	56202.20	56280.9	-30.89	56171.30	56170.73438	56152.45087	56148.67969	504428.4	5408334.0
L4430.0	504428.4	5408335.2	85336.29688	225.43	59.85	48.827980	-86.939663	56201.52	56280.9	-30.90	56170.62	56170.25391	56152.54388	56148.89844	504428.4	5408335.2
L4430.0	504428.4	5408335.2	85336.39844	224.28	60	48.827980	-86.939663	56201.94	56280.9	-30.91	56171.03	56170.85938	56152.56044	56149.04297	504428.4	5408335.2
L4430.0	504428.3	5408337.6	85336.50000	225.13	60	48.828002	-86.939663	56201.55	56280.9	-30.91	56170.63	56170.65234	56152.62742	56149.23828	504428.3	5408337.6
L4430.0	504428.3	5408337.6	85336.60156	224.35	60.02	48.828002	-86.939663	56200.77	56280.9	-30.92	56169.85	56170.06250	56152.71636	56149.45313	504428.3	5408337.6

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4430.0	504428.3	5408339.3	85336.60156	224.35	60.08	48.828017	-86.939664	56200.20	56280.9	-30.92	56169.28	56169.68359	56152.78812	56149.65234	504428.3	5408339.3
L4430.0	504428.3	5408341.6	85336.79688	225.73	60.08	48.828038	-86.939664	56199.48	56280.9	-30.94	56168.55	56169.14063	56152.86758	56149.85938	504428.3	5408341.6
L4430.0	504428.3	5408341.6	85336.89844	224.73	60.11	48.828038	-86.939664	56200.30	56280.9	-30.94	56169.36	56170.13281	56152.84158	56149.96094	504428.3	5408341.6
L4430.0	504428.3	5408343.2	85337.00000	225.63	60.04	48.828052	-86.939664	56200.05	56280.9	-30.95	56169.10	56170.05469	56152.88433	56150.12891	504428.3	5408343.2
L4430.0	504428.3	5408344.6	85337.10156	225.30	60.08	48.828065	-86.939664	56200.00	56281	-30.95	56169.04	56170.17578	56152.91133	56150.28125	504428.3	5408344.6
L4430.0	504428.3	5408344.6	85337.20313	224.60	60.08	48.828065	-86.939664	56199.55	56281	-30.96	56168.59	56169.90234	56152.96211	56150.45703	504428.3	5408344.6
L4430.0	504428.3	5408346.3	85337.29688	223.42	60.02	48.828080	-86.939664	56198.98	56281	-30.96	56168.01	56169.49609	56153.01951	56150.64063	504428.3	5408346.3
L4430.0	504428.3	5408347.5	85337.39844	225.40	59.97	48.828091	-86.939664	56198.93	56281	-30.97	56167.96	56169.61719	56153.03970	56150.78516	504428.3	5408347.5
L4430.0	504428.3	5408349.9	85337.50000	224.70	59.97	48.828112	-86.939664	56199.25	56281	-30.97	56168.27	56170.09375	56153.03420	56150.90625	504428.3	5408349.9
L4430.0	504428.3	5408349.9	85337.60156	228.23	60.23	48.828112	-86.939664	56198.22	56281	-30.98	56167.24	56169.23047	56153.11650	56151.11328	504428.3	5408349.9
L4430.0	504428.3	5408351.1	85337.70313	229.32	60.23	48.828123	-86.939664	56198.06	56281	-30.99	56167.07	56169.22266	56153.14010	56151.25781	504428.3	5408351.1
L4430.0	504428.3	5408352.4	85337.79688	228.68	60.15	48.828135	-86.939664	56197.39	56281	-30.99	56166.40	56168.71094	56153.19584	56151.43750	504428.3	5408352.4
L4430.0	504428.3	5408353.5	85337.89844	226.78	60.15	48.828145	-86.939664	56197.75	56281	-31.00	56166.75	56169.21875	56153.18253	56151.54688	504428.3	5408353.5
L4430.0	504428.3	5408355.4	85338.00000	225.05	59.97	48.828162	-86.939664	56198.04	56281	-31.00	56167.04	56169.66016	56153.17234	56151.66016	504428.3	5408355.4
L4430.0	504428.3	5408355.4	85338.10156	224.19	60.03	48.828162	-86.939664	56198.11	56281	-31.01	56167.10	56169.87109	56153.17675	56151.78516	504428.3	5408355.4
L4430.0	504428.3	5408356.7	85338.20313	225.00	60.03	48.828174	-86.939664	56196.68	56281	-31.01	56165.67	56168.58594	56153.27990	56152.01172	504428.3	5408356.7
L4430.0	504428.3	5408358.9	85338.29688	225.83	60.04	48.828193	-86.939663	56196.96	56281	-31.02	56165.94	56169.00000	56153.26928	56152.12109	504428.3	5408358.9
L4430.0	504428.3	5408358.9	85338.39844	227.32	60.02	48.828193	-86.939663	56196.57	56281	-31.02	56165.54	56168.74219	56153.30304	56152.27734	504428.3	5408358.9
L4430.0	504428.3	5408360.6	85338.50000	226.50	60.02	48.828209	-86.939663	56196.58	56281	-31.03	56165.55	56168.88672	56153.30931	56152.40234	504428.3	5408360.6
L4430.0	504428.3	5408362.1	85338.60156	227.19	60.07	48.828222	-86.939663	56196.45	56281	-31.04	56165.41	56168.87891	56153.32556	56152.53906	504428.3	5408362.1
L4430.0	504428.3	5408363.0	85338.60156	227.19	60.03	48.828230	-86.939663	56196.29	56281	-31.04	56165.25	56168.85156	56153.34328	56152.67578	504428.3	5408363.0
L4430.0	504428.3	5408364.7	85338.79688	229.14	60.03	48.828246	-86.939663	56195.51	56281	-31.05	56164.46	56168.18750	56153.40324	56152.85547	504428.3	5408364.7
L4430.0	504428.3	5408364.7	85338.89844	227.54	60.01	48.828246	-86.939663	56195.83	56281.1	-31.05	56164.77	56168.62109	56153.39026	56152.95703	504428.3	5408364.7
L4430.0	504428.3	5408366.1	85339.00000	228.04	60	48.828259	-86.939663	56195.51	56281.1	-31.06	56164.45	56168.41797	56153.41979	56153.10547	504428.3	5408366.1
L4430.0	504428.3	5408367.6	85339.10156	229.27	59.92	48.828272	-86.939664	56195.93	56281.1	-31.06	56164.87	56168.95313	56153.40063	56153.20313	504428.3	5408367.6
L4430.0	504428.3	5408368.9	85339.20313	229.26	60	48.828283	-86.939664	56195.23	56281.1	-31.07	56164.17	56168.36719	56153.45689	56153.37500	504428.3	5408368.9
L4430.0	504428.3	5408370.6	85339.29688	229.76	60	48.828298	-86.939664	56194.84	56281.1	-31.07	56163.77	56168.07422	56153.49404	56153.53125	504428.3	5408370.6
L4430.0	504428.3	5408371.3	85339.39844	228.77	59.98	48.828305	-86.939664	56195.73	56281.1	-31.07	56164.65	56169.05859	56153.44686	56153.59766	504428.3	5408371.3
L4430.0	504428.3	5408372.7	85339.50000	227.62	59.98	48.828318	-86.939664	56193.39	56281.1	-31.07	56162.32	56166.82813	56153.61479	56153.88281	504428.3	5408372.7
L4430.0	504428.3	5408374.4	85339.60156	226.22	59.96	48.828333	-86.939664	56194.58	56281.1	-31.08	56163.50	56168.10547	56153.54995	56153.92969	504428.3	5408374.4
L4430.0	504428.3	5408374.4	85339.70313	229.30	60.04	48.828333	-86.939664	56194.38	56281.1	-31.08	56163.30	56168.00000	56153.57845	56154.07422	504428.3	5408374.4
L4430.0	504428.3	5408375.9	85339.79688	227.69	60.03	48.828347	-86.939664	56194.91	56281.1	-31.08	56163.83	56168.62109	56153.55973	56154.16797	504428.3	5408375.9
L4430.0	504428.2	5408377.4	85339.89844	228.57	60.03	48.828359	-86.939664	56193.88	56281.1	-31.09	56162.79	56167.66406	56153.64724	56154.36719	504428.2	5408377.4
L4430.0	504428.2	5408379.0	85340.00000	228.17	53.11	48.828374	-86.939664	56193.52	56281.1	-31.09	56162.43	56167.38672	56153.69106	56154.52344	504428.2	5408379.0
L4430.0	504428.2	5408379.0	85340.10156	228.94	48.97	48.828374	-86.939664	56193.25	56281.1	-31.10	56162.15	56167.18750	56153.73130	56154.67578	504428.2	5408379.0
L4430.0	504428.2	5408380.7	85340.20313	227.58	48.97	48.828390	-86.939665	56193.85	56281.1	-31.11	56162.74	56167.85156	56153.71540	56154.76953	504428.2	5408380.7
L4430.0	504428.2	5408382.4	85340.29688	226.53	54.76	48.828404	-86.939665	56194.36	56281.1	-31.11	56163.24	56168.42188	56153.70745	56154.87500	504428.2	5408382.4
L4430.0	504428.2	5408383.6	85340.39844	224.85	54.76	48.828415	-86.939665	56192.91	56281.1	-31.12	56161.78	56167.02734	56153.83220	56155.10938	504428.2	5408383.6
L4430.0	504428.2	5408385.1	85340.50000	225.79	55.28	48.828429	-86.939665	56193.49	56281.1	-31.13	56162.36	56167.67188	56153.82307	56155.21094	504428.2	5408385.1
L4430.0	504428.2	5408385.1	85340.60156	226.20	55.28	48.828429	-86.939665	56192.48	56281.1	-31.14	56161.35	56166.71875	56153.92216	56155.41797	504428.2	5408385.1
L4430.0	504428.2	5408386.5	85340.60156	226.20	55.2	48.828442	-86.939665	56193.85	56281.1	-31.14	56162.71	56168.13672	56153.86555	56155.46875	504428.2	5408386.5
L4430.0	504428.2	5408388.2	85340.79688	226.41	55.2	48.828457	-86.939665	56193.15	56281.2	-31.15	56161.99	56167.46875	56153.94999	56155.66406	504428.2	5408388.2
L4430.0	504428.2	5408390.3	85340.89844	228.07	51.75	48.828476	-86.939665	56193.34	56281.2	-31.16	56162.18	56167.70703	56153.97621	56155.79688	504428.2	5408390.3
L4430.0	504428.2	5408390.3	85341.00000	227.70	49.78	48.828476	-86.939665	56192.79	56281.2	-31.17	56161.62	56167.19141	56154.05497	56155.98047	504428.2	5408390.3
L4430.0	504428.2	5408391.5	85341.10156	228.78	49.78	48.828487	-86.939665	56192.53	56281.2	-31.17	56161.36	56166.97266	56154.11633	56156.14844	504428.2	5408391.5
L4430.0	504428.2	5408393.0	85341.20313	227.91	51.39	48.828500	-86.939665	56193.10	56281.2	-31.17	56161.92	56167.56641	56154.12569	56156.26563	504428.2	5408393.0
L4430.0	504428.1	5408394.6	85341.29688	226.26	51.39	48.828515	-86.939665	56193.70	56281.2	-31.18	56162.52	56168.20313	56154.13514	56156.38281	504428.1	5408394.6
L4430.0	504428.1	5408394.6	85341.39844	225.78	54.91	48.828515	-86.939665	56192.96	56281.2	-31.18	56161.78	56167.49219	56154.23672	56156.58984	504428.1	5408394.6
L4430.0	504428.1	5408396.8	85341.50000	227.29	54.91	48.828534	-86.939666	56192.84	56281.2	-31.18	56161.66	56167.39844	56154.29983	56156.75781	504428.1	5408396.8
L4430.0	504428.1	5408397.9	85341.60156	226.93	56.12	48.828545	-86.939666	56192.91	56281.2	-31.18	56161.72	56167.48047	56154.35387	56156.91406	504428.1	5408397.9
L4430.0	504428.1	5408397.9	85341.70313	226.14	57.61	48.828545	-86.939666	56192.69	56281.2	-31.18	56161.51	56167.28906	56154.42888	56157.09375	504428.1	5408397.9
L4430.0	504428.1	5408399.2	85341.79688	227.28	57.61	48.828556	-86.939666	56193.92	56281.2	-31.19	56162.74	56168.53516	56154.41094	56157.17969	504428.1	5408399.2
L4430.0	504428.1	5408400.6	85341.89844	227.09	58.4	48.828569	-86.939666	56192.74	56281.2	-31.19	56161.55	56167.35547	56154.55740	56157.42969	504428.1	5408400.6
L4430.0	504428.1	5408402.2	85342.00000	227.11	59.02	48.828583	-86.939666	56193.49	56281.2	-31.19	56162.30	56168.11328	56154.57766	56157.55078	504428.1	5408402.2
L4430.0	504428.1	5408403.4	85342.10156	226.62	59.02	48.828594	-86.939666	56192.23	56281.2	-31.20	56161.04	56166.85938	56154.73509	56157.81250	504428.1	5408403.4
L4430.0	504428.1	5408403.4	85342.20313	226.91	58.46	48.828594	-86.939666	56193.19	56281.2	-31.20	56161.98	56167.80078	56154.74907	56157.92578	504428.1	5408403.4
L4430.0	504428.1	5408405.1	85342.29688	228.32	58.46	48.828609	-86.939666	56193.45	56281.2	-31.21	56162.24	56168.06250	56154.81162	56158.08984	504428.1	5408405.1
L4430.0	504428.1	5408406.7	85342.39844	229.34	58.24	48.828623	-86.939666	56193.08	56281.2	-31.22	56161.86	56167.67578	56154.92012	56158.30078	504428.1	5408406.7
L4430.0	504428.1	5408407.9	85342.50000	227.34	58.24	48.828634	-86.939667	56194.02	56281.2	-31.23	56162.80	56168.60938	56154.94392	56158.42578	504428.1	5408407.9
L4430.0	504428.0	5408409.8	85342.60156	228.36	54.27	48.828651	-86.939667	56192.54	56281.2	-31.23	56161.31	56167.10938	56155.13306	56158.71484	504428.0	5408409.8
L4430.0	504428.0	5408409.8	85342.60156	228.36	54.27	48.828651	-86.939667	56193.88	56281.2	-31.23	56162.64	56168.42578	56155.13753	56158.82031	504428.0	5408409.8
L4430.0	504428.0	5408411.3	85342.79688	230.33	57.58	48.828665	-86.939667	56192.66	56281.2	-31.25	56161.41	56167.17969	56155.31604	56159.09766	504428.0	5408411.3
L4430.0	504428.0	5408412.8	85342.89844	228.39	57.58	48.828678	-86.939667	56193.50	56281.3	-31.25	56162.25	56168.00000	56155.35992	56159.24219	504428.0	5408412.8
L4430.0	504428.0	5408412.8	85343.00000	230.42	53.94	48.828678	-86.939667	56193.54	56281.3	-31.26	56162.28	56168.00781	56155.46118	56159.44141	504428.0	5408412.8
L4430.0	504428.0	5408414.4	85343.10156	228.89	52.52	48.828693	-86.939667	56194.13	56281.3	-31.26	56162.86	56168.56250	56155.52914	56159.60938	504428.0	5408414.4
L4430.0	504428.0	5408415.6	85343.20313	228.97	52.52	48.828703	-86.939667	56194.66	56281.3	-31.27	56163.39	56169.06250	56155.60381	56159.78125	504428.0	5408415.6
L4430.0	504428.0	5408417.1	85343.29688	228.17	54.04	48.828717	-86.939667	56193.36	56281.3	-31.27	56162.08	56167.72266	56155.80450	56160.07813	504428.0	5408417.1
L4430.0	504428.0	5408418.5	85343.39844	229.35	57.17	48.828730	-86.939667	56194.72	56281.3	-31.28	56163.45	56169.05859	56155.82986	56160.20313	504428.0	5408418.5
L4430.0	504428.0	5408418.5	85343.50000	228.83	56.72	48.828730	-86.939667	56194.20	56281.3	-31.28	56162.92	56168.49609	56155.98521	56160.45703	504428.0	5408418.5
L4430.0	504428.0	5408420.4	85343.60156	229.58	56.72	48.828747	-86.939667	56194.31	56281.3	-31.28	56163.02	56168.55859	56156.10184	56160.66797	504428.0	5408420.4
L4430.0	504428.0	5408421.9	85343.70313	228.30	56.14	48.828760	-86.939667	56194.79	56281.3	-31.29	56163.50	56168.99609	56156.19640	56160.85938	504428.0	5408421.9
L4430.0	504428.0	5408422.8	85343.79688	228.90	56.14	48.828768	-86.939667	56195.52	56281.3	-31.29	56164.23	56169.68359	56156.27750	56161.03906	504428.0	5408422.8
L4430.0	504428.0	5408424.2	85343.89844	227.42	57.95	48.828781	-86.939667	56195.62	56281.3	-31.30	56164.32	56169.73047	56156.40442	56161.26172	504428.0	5408424.2
L4430.0	504428.0	5408425.6	85344.00000	227.91	58.82	48.828794	-86.939667	56196.18	56281.3	-31.30	56164.88	56170.24609	56156.50312	56161.45703	504428.0	5408425.6
L4430.0	504428.0	5408425.6	85344.10156	226.11	56.17	48.828794	-86.939667	56196.88	56281.3	-31.31	56165.57	56170.88672	56156.59620	56161.64453	504428.0	5408425.6
L4430.0	504428.0	5408427.1	85344.20313	224.83	56.17	48.828807	-86.939667	56195.48	56281.3	-31.32	56164.17	56169.43750	56156.83159	56161.97656	504428.0	5408427.1
L4430.0	504428.0	5408428.7	85344.29688	224.36	54.83	48.828821	-86.939667	56196.21	56281.3	-31.32	56164.89	56170.10547	56156.92855	56162.16797	504428.0	5408428.7
L4430.0	504428.0	5408430.2	85344.39844	222.41	50.03	48.828834	-86.939667	56197.01	56281.3	-31.33	56165.68	56170.83984	56157.02366	56162.35938	504428.0	5408430.2
L4430.0	504428.0	5408431.2	85344.50000	220.86	48.92	48.828844	-86.939667	56197.88	56281.3	-31.34	56166.54	56171.64453	56157.11684	56162.54688	504428.0	5408431.2
L4430.0	504428.0	5408431.2	85344.60156	220.40	48.92	48.828844	-86.939667	56198.45	56281.3	-31.35	56167.10	56172.14844	56157.23266	56162.75781	504428.0	5408431.2
L4430.0	504428.0	5408432.6	85344.60156	220.40	48.91	48.828857	-86.939667	56198.11	56281.3	-31.35	56166.76	56171.75000	56157.41102	56163.03125	504428.0	5408432.6
L4430.0	504428.1	5408434.3	85344.79688	225.67	48.91	48.828872	-86.939666	56199.00	56281.4	-31.36	56167.64	56172.57422	56157.51047	56163.22266	504428.1	5408434.3
L4430.0	504428.1	5408435.9	85344.89844	225.50	58	48.828886	-86.939666	56198.71	56281.4	-31.37	56167.34	56172.21094	56157.69091	56163.50000	504428.1	5408435.9
L4430.0	504428.1	5408437.4	85345.00000	225.27	53.69	48.828899	-86.939666	56199.59	56281.4	-31.38	56168.21	56173.01953	56157.79554	56163.69531	504428.1	5408437.4
L4430.0	504428.1	5408437.4	85345.10156	224.97	53.11	48.828899	-86.939666	56199.08	56281.4	-31.38	56167.69	56172.43750	56157.99490	56163.98828	504428.1	5408437.4
L4430.0	504428.1	5408438.8	85345.20313	225.40	53.11	48.828913	-86.939666	56200.50	56281.4	-31.39	56169.11	56173.79688	56158.06687	56164.15625	504428.1	5408438.8
L4430.0	504428.1	5408440.3	85345.29688	227.82	52.24	48.828925	-86.939666	56200.58	56281.4	-31.39	56169.18	56173.80078	56158.23063	56164.41406	504428.1	5408440.3
L4430.0	504428.1	5408441.5	85345.39844	226.04	50.91	48.828936	-86.939665	56201.02	56281.4	-31.40	56169.62	56174.17578	56158.37138	56164.64453	504428.1	5408441.5
L4430.0	504428.1	5408442.9	85345.50000	225.88	50.91	48.828950	-86.939665	56202.60	56281.4	-31.40	56171.20	56175.69141	56158.43762	56164.80469	504428.1	5408442.9
L4430.0	504428.1	5408444.2	85345.60156	226.37	54.68	48.828961	-86.939665	56202.35	56281.4	-31.41	56170.94	56175.36719	56158.62787	56165.08984	504428.1	5408444.2
L4430.0	504428.2	5408445.9	85345.70313	223.34	49.54	48.828976	-86.939665	56202.40	56281.4	-31.42	56170.98	56175.33984	56158.79930	56165.35156	504428.2	5408445.9
L4430.0	504428.2	5408445.9	85345.79688	223.37	50.5	48.828976	-86.939665	56202.60	56281.4	-31.42	56171.18	56175.47266	56158.96107	56165.60547	504428.2	5408445.9
L4430.0	504428.2	5408447.3	85345.89844	224.82	50.5	48.828989	-86.939665	56203.36	56281.4	-31.43	56171.94	56176.16797	56159.08635	56165.82422	504428.2	5408447.3

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4430.0	504428.2	5408449.0	85346.00000	222.38	56.27	48.829004	-86.939664	56204.45	56281.4	-31.43	56173.02	56177.17969	56159.19095	56166.01953	504428.2	5408449.0
L4430.0	504428.2	5408449.0	85346.10156	223.27	56.27	48.829004	-86.939664	56205.13	56281.4	-31.44	56173.69	56177.78516	56159.32337	56166.24609	504428.2	5408449.0
L4430.0	504428.2	5408451.5	85346.20313	222.86	58.7	48.829026	-86.939664	56205.74	56281.4	-31.44	56174.30	56178.32813	56159.46009	56166.47266	504428.2	5408451.5
L4430.0	504428.2	5408452.9	85346.29688	224.00	58.24	48.829039	-86.939664	56206.14	56281.4	-31.45	56174.70	56178.66406	56159.61091	56166.71484	504428.2	5408452.9
L4430.0	504428.2	5408452.9	85346.39844	224.37	57.81	48.829039	-86.939664	56206.62	56281.5	-31.45	56175.16	56179.05859	56159.75764	56166.95313	504428.2	5408452.9
L4430.0	504428.3	5408455.1	85346.50000	225.26	57.81	48.829058	-86.939663	56207.41	56281.5	-31.46	56175.95	56179.78125	56159.88209	56167.16797	504428.3	5408455.1
L4430.0	504428.3	5408455.1	85346.60156	224.52	56.54	48.829058	-86.939663	56207.81	56281.5	-31.47	56176.34	56180.10938	56160.03274	56167.41016	504428.3	5408455.1
L4430.0	504428.3	5408456.8	85346.60156	224.52	56.54	48.829074	-86.939663	56209.26	56281.5	-31.47	56177.79	56181.49609	56160.11203	56167.57813	504428.3	5408456.8
L4430.0	504428.3	5408458.2	85346.79688	227.60	53.02	48.829087	-86.939663	56208.21	56281.5	-31.48	56176.74	56180.38281	56160.35712	56167.91406	504428.3	5408458.2
L4430.0	504428.3	5408459.9	85346.89844	229.60	53.02	48.829102	-86.939663	56209.03	56281.5	-31.48	56177.54	56181.12109	56160.47780	56168.12500	504428.3	5408459.9
L4430.0	504428.3	5408459.9	85347.00000	230.19	58.34	48.829102	-86.939663	56210.41	56281.5	-31.49	56178.92	56182.43750	56160.55854	56168.29688	504428.3	5408459.9
L4430.0	504428.3	5408461.6	85347.10156	230.34	58.49	48.829117	-86.939663	56210.98	56281.5	-31.49	56179.49	56182.94922	56160.69179	56168.51953	504428.3	5408461.6
L4430.0	504428.3	5408463.0	85347.20313	229.92	58.49	48.829130	-86.939662	56212.02	56281.5	-31.49	56180.53	56183.92969	56160.79203	56168.71094	504428.3	5408463.0
L4430.0	504428.3	5408464.7	85347.29688	231.42	57.32	48.829145	-86.939662	56211.61	56281.5	-31.50	56180.11	56183.45313	56160.98772	56168.99609	504428.3	5408464.7
L4430.0	504428.3	5408464.7	85347.39844	232.25	57.32	48.829145	-86.939662	56212.37	56281.5	-31.50	56180.87	56184.15625	56161.10267	56169.19922	504428.3	5408464.7
L4430.0	504428.3	5408466.4	85347.50000	231.51	57.32	48.829160	-86.939662	56213.55	56281.5	-31.50	56182.05	56185.28125	56161.18734	56169.37109	504428.3	5408466.4
L4430.0	504428.3	5408466.4	85347.60156	231.01	56.03	48.829160	-86.939662	56213.96	56281.5	-31.50	56182.46	56185.63672	56161.32088	56169.59375	504428.3	5408466.4
L4430.0	504428.3	5408469.5	85347.70313	232.16	56.03	48.829189	-86.939662	56214.14	56281.5	-31.50	56182.63	56185.75781	56161.46777	56169.82813	504428.3	5408469.5
L4430.0	504428.3	5408469.5	85347.79688	234.03	55.63	48.829189	-86.939662	56214.92	56281.5	-31.51	56183.42	56186.49609	56161.57048	56170.01953	504428.3	5408469.5
L4430.0	504428.3	5408471.0	85347.89844	232.37	55.63	48.829202	-86.939662	56214.46	56281.5	-31.51	56182.95	56185.97656	56161.75417	56170.29297	504428.3	5408471.0
L4430.0	504428.3	5408472.5	85348.00000	231.63	55.55	48.829215	-86.939662	56215.86	56281.5	-31.51	56184.35	56187.33203	56161.80999	56170.43359	504428.3	5408472.5
L4430.0	504428.3	5408472.5	85348.10156	231.48	55.55	48.829215	-86.939662	56216.59	56281.5	-31.52	56185.07	56188.00781	56161.90778	56170.62109	504428.3	5408472.5
L4430.0	504428.3	5408473.9	85348.20313	230.38	53.1	48.829228	-86.939662	56217.15	56281.5	-31.53	56185.62	56188.51563	56162.01336	56170.81250	504428.3	5408473.9
L4430.0	504428.3	5408475.3	85348.29688	230.46	55.33	48.829241	-86.939662	56217.42	56281.5	-31.53	56185.89	56188.74609	56162.13391	56171.01953	504428.3	5408475.3
L4430.0	504428.3	5408477.1	85348.39844	229.88	55.33	48.829256	-86.939662	56218.73	56281.5	-31.54	56187.19	56190.00781	56162.18194	56171.15234	504428.3	5408477.1
L4430.0	504428.3	5408478.5	85348.50000	229.08	53.99	48.829269	-86.939662	56217.17	56281.5	-31.55	56185.62	56188.40234	56162.41731	56171.47656	504428.3	5408478.5
L4430.0	504428.3	5408479.5	85348.60156	228.48	53.99	48.829278	-86.939662	56218.92	56281.6	-31.56	56187.36	56190.10938	56162.42787	56171.57031	504428.3	5408479.5
L4430.0	504428.3	5408480.9	85348.60156	228.48	55.08	48.829291	-86.939662	56219.06	56281.6	-31.56	56187.51	56190.22656	56162.54017	56171.76953	504428.3	5408480.9
L4430.0	504428.3	5408482.1	85348.79688	230.58	58.14	48.829302	-86.939662	56219.60	56281.6	-31.57	56188.02	56190.70703	56162.62408	56171.93750	504428.3	5408482.1
L4430.0	504428.3	5408482.1	85348.89844	230.01	57.79	48.829302	-86.939662	56220.18	56281.6	-31.58	56188.60	56191.26172	56162.69881	56172.09766	504428.3	5408482.1
L4430.0	504428.3	5408484.8	85349.00000	228.29	58.19	48.829326	-86.939662	56219.75	56281.6	-31.59	56188.16	56190.80078	56162.83694	56172.32031	504428.3	5408484.8
L4430.0	504428.3	5408484.8	85349.10156	227.12	56.92	48.829326	-86.939662	56221.56	56281.6	-31.60	56189.96	56192.57813	56162.82103	56172.38672	504428.3	5408484.8
L4430.0	504428.3	5408486.1	85349.20313	225.21	57.17	48.829337	-86.939662	56219.98	56281.6	-31.61	56188.37	56190.96875	56163.02632	56172.67578	504428.3	5408486.1
L4430.0	504428.4	5408487.5	85349.29688	225.08	57.17	48.829350	-86.939662	56220.99	56281.6	-31.62	56189.38	56191.96484	56163.05341	56172.78516	504428.4	5408487.5
L4430.0	504428.4	5408489.2	85349.39844	226.46	54.48	48.829365	-86.939662	56221.57	56281.6	-31.63	56189.94	56192.51172	56163.10555	56172.91797	504428.4	5408489.2
L4430.0	504428.4	5408490.1	85349.50000	226.01	53.04	48.829374	-86.939662	56222.46	56281.6	-31.63	56190.82	56193.38281	56163.13136	56173.02734	504428.4	5408490.1
L4430.0	504428.4	5408490.1	85349.60156	227.30	53.04	48.829374	-86.939662	56222.16	56281.6	-31.64	56190.52	56193.07422	56163.23079	56173.20703	504428.4	5408490.1
L4430.0	504428.4	5408491.6	85349.70313	225.27	55.37	48.829387	-86.939662	56222.68	56281.7	-31.65	56191.03	56193.57813	56163.27113	56173.32813	504428.4	5408491.6
L4430.0	504428.4	5408493.0	85349.79688	226.44	56.2	48.829400	-86.939661	56221.84	56281.7	-31.66	56190.18	56192.73047	56163.39701	56173.53516	504428.4	5408493.0
L4430.0	504428.4	5408494.4	85349.89844	226.72	56.2	48.829413	-86.939661	56222.54	56281.7	-31.67	56190.86	56193.41016	56163.41576	56173.63281	504428.4	5408494.4
L4430.0	504428.4	5408495.9	85350.00000	226.76	52.97	48.829426	-86.939661	56221.78	56281.7	-31.68	56190.10	56192.65625	56163.52535	56173.82422	504428.4	5408495.9
L4430.0	504428.4	5408497.0	85350.10156	226.04	49.7	48.829435	-86.939661	56223.06	56281.7	-31.69	56191.37	56193.93359	56163.49446	56173.87109	504428.4	5408497.0
L4430.0	504428.4	5408498.3	85350.20313	227.71	49.7	48.829448	-86.939661	56222.68	56281.7	-31.70	56190.98	56193.55078	56163.56908	56174.02344	504428.4	5408498.3
L4430.0	504428.4	5408498.3	85350.29688	223.97	52.4	48.829448	-86.939661	56222.91	56281.7	-31.70	56191.21	56193.79688	56163.59725	56174.12891	504428.4	5408498.3
L4430.0	504428.4	5408500.0	85350.39844	225.60	55.11	48.829463	-86.939661	56222.89	56281.7	-31.71	56191.18	56193.78125	56163.63764	56174.24609	504428.4	5408500.0
L4430.0	504428.4	5408501.5	85350.50000	226.46	54.05	48.829476	-86.939661	56222.25	56281.7	-31.72	56190.53	56193.15234	56163.71429	56174.39844	504428.4	5408501.5
L4430.0	504428.4	5408501.5	85350.60156	225.87	52.24	48.829476	-86.939661	56222.79	56281.7	-31.73	56191.06	56193.70313	56163.70724	56174.46484	504428.4	5408501.5
L4430.0	504428.4	5408503.7	85350.60156	225.87	47.31	48.829496	-86.939661	56222.20	56281.7	-31.73	56190.47	56193.14063	56163.76987	56174.60547	504428.4	5408503.7
L4430.0	504428.4	5408505.1	85350.79688	225.24	48.08	48.829509	-86.939661	56222.33	56281.7	-31.74	56190.58	56193.28125	56163.78090	56174.68750	504428.4	5408505.1
L4430.0	504428.4	5408506.6	85350.89844	224.23	48.08	48.829522	-86.939661	56222.63	56281.8	-31.75	56190.87	56193.60156	56163.77507	56174.75781	504428.4	5408506.6
L4430.0	504428.4	5408507.5	85351.00000	224.26	51.23	48.829531	-86.939661	56222.38	56281.8	-31.76	56190.62	56193.38672	56163.80043	56174.85547	504428.4	5408507.5
L4430.0	504428.4	5408509.0	85351.10156	222.14	51.03	48.829544	-86.939661	56222.84	56281.8	-31.77	56191.07	56193.87500	56163.77439	56174.90234	504428.4	5408509.0
L4430.0	504428.4	5408510.3	85351.20313	222.49	51.03	48.829555	-86.939661	56221.26	56281.8	-31.77	56189.48	56192.32422	56163.87971	56175.07813	504428.4	5408510.3
L4430.0	504428.4	5408511.9	85351.29688	221.19	51.27	48.829570	-86.939661	56221.98	56281.8	-31.78	56190.20	56193.08984	56163.82645	56175.09375	504428.4	5408511.9
L4430.0	504428.4	5408512.7	85351.39844	222.66	50.76	48.829577	-86.939661	56222.58	56281.8	-31.79	56190.79	56193.72656	56163.77738	56175.11328	504428.4	5408512.7
L4430.0	504428.4	5408514.1	85351.50000	222.38	51.75	48.829589	-86.939661	56221.82	56281.8	-31.79	56190.03	56193.01563	56163.81391	56175.21875	504428.4	5408514.1
L4430.0	504428.4	5408515.1	85351.60156	223.64	49.88	48.829599	-86.939661	56221.38	56281.8	-31.80	56189.58	56192.62109	56163.82548	56175.30078	504428.4	5408515.1
L4430.0	504428.4	5408515.1	85351.70313	224.35	49.88	48.829599	-86.939661	56221.26	56281.8	-31.81	56189.45	56192.54688	56163.81151	56175.35156	504428.4	5408515.1
L4430.0	504428.4	5408516.6	85351.79688	225.29	46.62	48.829612	-86.939661	56220.66	56281.8	-31.82	56188.85	56192.00391	56163.82478	56175.43359	504428.4	5408516.6
L4430.0	504428.4	5408518.5	85351.89844	223.45	52.98	48.829629	-86.939661	56221.18	56281.8	-31.82	56189.35	56192.56641	56163.76070	56175.43359	504428.4	5408518.5
L4430.0	504428.4	5408518.5	85352.00000	226.39	52.98	48.829629	-86.939661	56221.36	56281.8	-31.83	56189.53	56192.81250	56163.71405	56175.45313	504428.4	5408518.5
L4430.0	504428.4	5408520.9	85352.10156	226.92	52.07	48.829650	-86.939661	56220.36	56281.8	-31.84	56188.52	56191.86719	56163.74293	56175.54297	504428.4	5408520.9
L4430.0	504428.4	5408522.3	85352.20313	229.02	52.63	48.829663	-86.939661	56221.15	56281.8	-31.84	56189.30	56192.71875	56163.64878	56175.51172	504428.4	5408522.3
L4430.0	504428.4	5408523.6	85352.29688	228.88	53.35	48.829675	-86.939661	56219.24	56281.9	-31.85	56187.39	56190.88281	56163.73036	56175.65625	504428.4	5408523.6
L4430.0	504428.4	5408524.7	85352.39844	228.93	52.73	48.829685	-86.939661	56220.18	56281.9	-31.86	56188.33	56191.89844	56163.61845	56175.60547	504428.4	5408524.7
L4430.0	504428.4	5408524.7	85352.50000	227.19	52.73	48.829685	-86.939661	56219.77	56281.9	-31.86	56187.91	56191.55469	56163.59381	56175.64063	504428.4	5408524.7
L4430.0	504428.4	5408525.9	85352.60156	226.20	52.89	48.829696	-86.939661	56219.93	56281.9	-31.87	56188.05	56191.77734	56163.52854	56175.63281	504428.4	5408525.9
L4430.0	504428.4	5408527.4	85352.60156	226.20	53.68	48.829709	-86.939661	56219.80	56281.9	-31.87	56187.93	56191.73828	56163.47741	56175.63672	504428.4	5408527.4
L4430.0	504428.4	5408528.8	85352.79688	223.94	53.69	48.829722	-86.939661	56219.36	56281.9	-31.89	56187.47	56191.36328	56163.44585	56175.66406	504428.4	5408528.8
L4430.0	504428.4	5408529.8	85352.89844	224.77	53.69	48.829731	-86.939661	56220.23	56281.9	-31.89	56188.34	56192.32422	56163.32261	56175.59375	504428.4	5408529.8
L4430.0	504428.4	5408531.1	85353.00000	225.09	53.69	48.829742	-86.939661	56218.58	56281.9	-31.90	56186.68	56190.75391	56163.36514	56175.69141	504428.4	5408531.1
L4430.0	504428.4	5408532.5	85353.10156	224.00	52.73	48.829755	-86.939661	56219.57	56281.9	-31.91	56187.67	56191.83594	56163.22817	56175.60938	504428.4	5408532.5
L4430.0	504428.4	5408533.9	85353.20313	224.23	55.44	48.829768	-86.939661	56217.88	56281.9	-31.92	56185.97	56190.23047	56163.26780	56175.69922	504428.4	5408533.9
L4430.0	504428.4	5408535.3	85353.29688	226.16	56.67	48.829781	-86.939661	56219.04	56281.9	-31.92	56187.11	56191.46875	56163.11546	56175.59766	504428.4	5408535.3
L4430.0	504428.4	5408535.3	85353.39844	225.49	56.88	48.829781	-86.939661	56218.44	56281.9	-31.93	56186.51	56190.96875	56163.07654	56175.60938	504428.4	5408535.3
L4430.0	504428.4	5408536.8	85353.50000	224.98	56.88	48.829794	-86.939661	56218.04	56281.9	-31.94	56186.10	56190.66016	56163.02248	56175.60547	504428.4	5408536.8
L4430.0	504428.4	5408538.4	85353.60156	225.11	56.96	48.829809	-86.939661	56218.53	56281.9	-31.95	56186.58	56191.24219	56162.90666	56175.53516	504428.4	5408538.4
L4430.0	504428.4	5408539.4	85353.70313	226.49	56.87	48.829817	-86.939661	56217.63	56282	-31.96	56185.67	56190.43750	56162.88118	56175.55859	504428.4	5408539.4
L4430.0	504428.4	5408540.9	85353.79688	225.39	56.87	48.829831	-86.939661	56218.11	56282	-31.96	56186.15	56191.02344	56162.76075	56175.48047	504428.4	5408540.9
L4430.0	504428.4	5408541.9	85353.89844	226.90	56.69	48.829840	-86.939661	56217.56	56282	-31.97	56185.58	56190.56250	56162.70812	56175.47266	504428.4	5408541.9
L4430.0	504428.4	5408541.9	85354.00000	227.23	56.69	48.829840	-86.939661	56217.74	56282	-31.98	56185.76	56190.85156	56162.60334	56175.41016	504428.4	5408541.9
L4430.0	504428.4	5408544.3	85354.10156	226.68	56.52	48.829861	-86.939661	56216.86	56282	-31.99	56184.87	56190.07422	56162.56781	56175.41797	504428.4	5408544.3
L4430.0	504428.4	5408545.7	85354.20313	227.52	55.57	48.829874	-86.939661	56217.64	56282	-31.99	56185.65	56190.96875	56162.41891	56175.30859	504428.4	5408545.7
L4430.0	504428.4	5408546.9	85354.29688	225.97	55.04	48.829885	-86.939661	56217.25	56282	-32.00	56185.25	56190.68359	56162.34668	56175.27734	504428.4	5408546.9
L4430.0	504428.4	5408548.6	85354.39844	226.75	52.21	48.829900	-86.939661	56216.78	56282	-32.00	56184.77	56190.31641	56162.27786	56175.24609	504428.4	5408548.6
L4430.0	504428.4	5408548.6	85354.50000	226.15	52.21	48.829900	-86.939661	56216.48	56282	-32.01	56184.47	56190.13672	56162.19513	56175.19922	504428.4	5408548.6
L4430.0	504428.4	5408549.6	85354.60156	225.93	47.55	48.829909	-86.939661	56217.35	56282	-32.02	56185.33	56191.11328	56162.03321	56175.07031	504428.4	5408549.6
L4430.0	504428.4	5408550.8	85354.60156	225.93	49.25	48.829920	-86.939661	56215.44	56282	-32.02	56183.42	56189.32422	56162.05413	56175.12891	504428.4	5408550.8
L4430.0	504428.4	5408552.3	85354.79688	227.30	56.93	48.829933	-86.939661	56216.35	56282	-32.03	56184.32	56190.34375	56161.88593	56174.99219	504428.4	5408552.3
L4430.0	504428.4	5408553.6	85354.89844	228.58	56.93	48.829944	-86.939661	56216.11	56282	-32.03	56184.07	56190.21484	56161.79263	56174.92969	504428.4	5408553.6
L4430.0	504428.4	5408555.2	85355.00000	228.13	57.06	48.829959	-86.939661	56216.74	56282	-32.04	56184.70	56190.96484	56161.63893	56174.80469	504428.4	5408555.2
L4430.0	504428.4	5408556.4	85355.10156	228.10	57.06	48.829970	-86.939661	56216.50	56282	-32.05	56184.45	56190.83984	56161.54217	56174.73828	504428.4	5408556.4
L4430.0	504428.4	5408557.7	85355.20313	227.70	56.85	48.829982	-86.939661	56216.46	56282.1	-32.06	56184.40	56190.91406	56161.43039	56174.65234	504428.4	5408557.7

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4430.0	504428.4	5408557.7	85355.29688	227.68	56.42	48.829982	-86.939661	56216.16	56282.1	-32.07	56184.09	56190.72656	56161.33425	56174.58594	504428.4	5408557.7
L4430.0	504428.4	5408559.2	85355.39844	226.28	56.37	48.829995	-86.939660	56216.14	56282.1	-32.08	56184.07	56190.83203	56161.21712	56174.49219	504428.4	5408559.2
L4430.0	504428.4	5408560.6	85355.50000	225.41	56.43	48.830008	-86.939660	56215.95	56282.1	-32.08	56183.86	56190.74609	56161.11101	56174.41016	504428.4	5408560.6
L4430.0	504428.4	5408562.3	85355.60156	224.36	56.43	48.830023	-86.939660	56216.51	56282.1	-32.09	56184.42	56191.42969	56160.95191	56174.27344	504428.4	5408562.3
L4430.0	504428.4	5408563.5	85355.70313	226.71	56.29	48.830034	-86.939660	56215.23	56282.1	-32.10	56183.12	56190.25781	56160.91519	56174.25781	504428.4	5408563.5
L4430.0	504428.4	5408563.5	85355.79688	228.03	44.75	48.830034	-86.939660	56216.18	56282.1	-32.11	56184.07	56191.33203	56160.72684	56174.08984	504428.4	5408563.5
L4430.0	504428.4	5408565.2	85355.89844	229.27	46.58	48.830050	-86.939660	56215.15	56282.1	-32.12	56183.03	56190.41797	56160.66955	56174.05078	504428.4	5408565.2
L4430.0	504428.4	5408567.0	85356.00000	229.26	46.58	48.830066	-86.939660	56216.48	56282.1	-32.13	56184.35	56191.86328	56160.45331	56173.84766	504428.4	5408567.0
L4430.0	504428.4	5408567.0	85356.10156	226.59	46.93	48.830066	-86.939660	56214.26	56282.1	-32.14	56182.13	56189.76953	56160.47146	56173.88281	504428.4	5408567.0
L4430.0	504428.4	5408569.4	85356.20313	224.71	47.04	48.830087	-86.939660	56214.52	56282.1	-32.14	56182.38	56190.14453	56160.32335	56173.75000	504428.4	5408569.4
L4430.0	504428.4	5408570.6	85356.29688	225.38	49.78	48.830097	-86.939660	56215.64	56282.1	-32.15	56183.49	56191.37891	56160.11632	56173.55469	504428.4	5408570.6
L4430.0	504428.4	5408572.0	85356.39844	223.93	49.78	48.830111	-86.939660	56216.00	56282.2	-32.15	56183.85	56191.86328	56159.95770	56173.41016	504428.4	5408572.0
L4430.0	504428.4	5408572.0	85356.50000	224.87	50.35	48.830111	-86.939660	56215.28	56282.2	-32.16	56183.12	56191.25781	56159.87017	56173.33203	504428.4	5408572.0
L4430.0	504428.4	5408573.5	85356.60156	225.39	45.5	48.830123	-86.939660	56215.68	56282.2	-32.17	56183.52	56191.78125	56159.70573	56173.17578	504428.4	5408573.5
L4430.0	504428.4	5408575.4	85356.60156	225.39	50.72	48.830141	-86.939660	56214.63	56282.2	-32.17	56182.46	56190.84375	56159.63706	56173.11328	504428.4	5408575.4
L4430.0	504428.4	5408576.3	85356.79688	225.79	50.72	48.830149	-86.939660	56214.59	56282.2	-32.18	56182.42	56190.92578	56159.49884	56172.98438	504428.4	5408576.3
L4430.0	504428.4	5408577.8	85356.89844	226.39	55.42	48.830163	-86.939660	56214.70	56282.2	-32.18	56182.51	56191.13672	56159.35041	56172.83984	504428.4	5408577.8
L4430.0	504428.4	5408577.8	85357.00000	226.81	52.63	48.830163	-86.939660	56214.64	56282.2	-32.19	56182.45	56191.19922	56159.21045	56172.70313	504428.4	5408577.8
L4430.0	504428.4	5408579.2	85357.10156	227.12	52.63	48.830175	-86.939660	56215.05	56282.2	-32.20	56182.85	56191.71875	56159.03830	56172.53516	504428.4	5408579.2
L4430.0	504428.4	5408580.9	85357.20313	226.46	54	48.830191	-86.939660	56214.57	56282.2	-32.21	56182.36	56191.34766	56158.92399	56172.42188	504428.4	5408580.9
L4430.0	504428.4	5408582.1	85357.29688	226.41	54.49	48.830201	-86.939660	56213.58	56282.2	-32.21	56181.36	56190.46484	56158.84219	56172.33984	504428.4	5408582.1
L4430.0	504428.4	5408583.8	85357.39844	227.26	54.87	48.830217	-86.939661	56214.57	56282.2	-32.22	56182.34	56191.56250	56158.62692	56172.12109	504428.4	5408583.8
L4430.0	504428.4	5408584.5	85357.50000	228.85	54.87	48.830223	-86.939661	56213.58	56282.2	-32.23	56181.35	56190.68750	56158.54153	56172.03516	504428.4	5408584.5
L4430.0	504428.3	5408586.3	85357.60156	228.07	53.49	48.830239	-86.939661	56214.11	56282.2	-32.24	56181.87	56191.32422	56158.35406	56171.84375	504428.3	5408586.3
L4430.0	504428.3	5408586.3	85357.70313	228.56	49.23	48.830239	-86.939661	56213.08	56282.2	-32.25	56180.83	56190.39844	56158.26918	56171.75391	504428.3	5408586.3
L4430.0	504428.3	5408587.8	85357.79688	229.27	51.43	48.830253	-86.939661	56213.35	56282.3	-32.25	56181.09	56190.76953	56158.09626	56171.57422	504428.3	5408587.8
L4430.0	504428.3	5408588.7	85357.89844	228.12	44.55	48.830261	-86.939661	56213.06	56282.3	-32.26	56180.80	56190.58984	56157.95866	56171.42969	504428.3	5408588.7
L4430.0	504428.3	5408590.4	85358.00000	229.12	47.56	48.830276	-86.939661	56213.02	56282.3	-32.27	56180.75	56190.64844	56157.80373	56171.26563	504428.3	5408590.4
L4430.0	504428.3	5408591.8	85358.10156	230.28	47.56	48.830289	-86.939661	56213.30	56282.3	-32.28	56181.02	56191.02734	56157.62617	56171.07813	504428.3	5408591.8
L4430.0	504428.3	5408593.3	85358.20313	229.71	50.49	48.830302	-86.939661	56212.63	56282.3	-32.28	56180.34	56190.45313	56157.51068	56170.95313	504428.3	5408593.3
L4430.0	504428.3	5408594.5	85358.29688	230.66	50.78	48.830313	-86.939661	56212.50	56282.3	-32.29	56180.21	56190.42969	56157.35729	56170.78906	504428.3	5408594.5
L4430.0	504428.3	5408594.5	85358.39844	231.09	49.77	48.830313	-86.939661	56212.84	56282.3	-32.29	56180.55	56190.87109	56157.17136	56170.58984	504428.3	5408594.5
L4430.0	504428.3	5408595.8	85358.50000	228.48	49.77	48.830324	-86.939661	56211.84	56282.3	-32.30	56179.54	56189.96484	56157.07426	56170.47656	504428.3	5408595.8
L4430.0	504428.3	5408597.5	85358.60156	230.09	49.98	48.830340	-86.939661	56211.33	56282.3	-32.31	56179.02	56189.54297	56156.94335	56170.33203	504428.3	5408597.5
L4430.0	504428.3	5408598.5	85358.60156	230.09	52.08	48.830348	-86.939661	56211.50	56282.3	-32.31	56179.20	56189.82422	56156.76466	56170.13672	504428.3	5408598.5
L4430.0	504428.3	5408599.8	85358.79688	230.42	48.09	48.830360	-86.939661	56211.68	56282.3	-32.32	56179.37	56190.08984	56156.58555	56169.94141	504428.3	5408599.8
L4430.0	504428.3	5408601.2	85358.89844	229.69	48.09	48.830373	-86.939661	56211.33	56282.3	-32.32	56179.00	56189.81641	56156.44140	56169.77734	504428.3	5408601.2
L4430.0	504428.3	5408602.9	85359.00000	228.29	46.11	48.830388	-86.939661	56209.92	56282.3	-32.33	56177.59	56188.49609	56156.36556	56169.68359	504428.3	5408602.9
L4430.0	504428.3	5408604.0	85359.10156	228.98	46.15	48.830398	-86.939661	56210.64	56282.3	-32.34	56178.30	56189.30078	56156.14739	56169.44141	504428.3	5408604.0
L4430.0	504428.3	5408604.0	85359.20313	228.19	49.12	48.830398	-86.939661	56211.15	56282.3	-32.35	56178.80	56189.89063	56155.94225	56169.21484	504428.3	5408604.0
L4430.0	504428.3	5408605.7	85359.29688	226.92	49.12	48.830414	-86.939661	56210.27	56282.4	-32.36	56177.92	56189.09766	56155.82817	56169.08203	504428.3	5408605.7
L4430.0	504428.3	5408607.1	85359.39844	226.39	47.87	48.830426	-86.939661	56210.08	56282.4	-32.37	56177.72	56188.98047	56155.66783	56168.89844	504428.3	5408607.1
L4430.0	504428.3	5408608.0	85359.50000	227.02	47.87	48.830434	-86.939661	56210.56	56282.4	-32.38	56178.19	56189.53516	56155.46193	56168.66797	504428.3	5408608.0
L4430.0	504428.3	5408609.5	85359.60156	226.49	44.86	48.830448	-86.939661	56210.40	56282.4	-32.38	56178.01	56189.43750	56155.29848	56168.47656	504428.3	5408609.5
L4430.0	504428.3	5408610.8	85359.70313	225.10	44.86	48.830460	-86.939661	56208.90	56282.4	-32.39	56176.51	56188.01953	56155.22215	56168.37500	504428.3	5408610.8
L4430.0	504428.3	5408610.8	85359.79688	224.88	45.62	48.830460	-86.939661	56209.18	56282.4	-32.40	56176.78	56188.36719	56155.02696	56168.15625	504428.3	5408610.8
L4430.0	504428.3	5408613.6	85359.89844	224.72	45.62	48.830485	-86.939661	56210.16	56282.4	-32.41	56177.75	56189.41016	56154.78426	56167.88281	504428.3	5408613.6
L4430.0	504428.3	5408613.6	85360.00000	225.25	46.4	48.830485	-86.939661	56209.23	56282.4	-32.42	56176.81	56188.54688	56154.66803	56167.73828	504428.3	5408613.6
L4430.0	504428.3	5408615.0	85360.10156	226.26	46.45	48.830497	-86.939661	56208.32	56282.4	-32.42	56175.90	56187.70703	56154.54896	56167.58984	504428.3	5408615.0
L4430.0	504428.3	5408616.3	85360.20313	227.61	46.45	48.830509	-86.939660	56209.38	56282.4	-32.43	56176.95	56188.82813	56154.29836	56167.31250	504428.3	5408616.3
L4430.0	504428.3	5408617.9	85360.29688	226.62	49.01	48.830523	-86.939660	56208.60	56282.4	-32.43	56176.16	56188.10938	56154.16956	56167.15234	504428.3	5408617.9
L4430.0	504428.3	5408619.1	85360.39844	228.37	54.36	48.830534	-86.939660	56209.16	56282.4	-32.44	56176.72	56188.73438	56153.94987	56166.90234	504428.3	5408619.1
L4430.0	504428.3	5408620.4	85360.50000	227.86	54.36	48.830546	-86.939660	56207.50	56282.4	-32.44	56175.06	56187.13672	56153.87728	56166.79688	504428.3	5408620.4
L4430.0	504428.3	5408620.4	85360.60156	227.79	44.28	48.830546	-86.939660	56208.57	56282.4	-32.45	56176.12	56188.26172	56153.62242	56166.50781	504428.3	5408620.4
L4430.0	504428.3	5408623.0	85360.60156	227.79	44.28	48.830569	-86.939660	56208.34	56282.4	-32.45	56175.89	56188.09375	56153.45260	56166.30469	504428.3	5408623.0
L4430.0	504428.3	5408623.0	85360.79688	227.19	49.91	48.830569	-86.939660	56207.71	56282.5	-32.46	56175.25	56187.51172	56153.30911	56166.12891	504428.3	5408623.0
L4430.0	504428.3	5408624.8	85360.89844	224.66	41.95	48.830585	-86.939660	56208.60	56282.5	-32.47	56176.13	56188.44922	56153.06324	56165.84766	504428.3	5408624.8
L4430.0	504428.4	5408626.0	85361.00000	226.81	41.95	48.830597	-86.939660	56207.32	56282.5	-32.47	56174.85	56187.22266	56152.96027	56165.71094	504428.4	5408626.0
L4430.0	504428.4	5408626.0	85361.10156	225.37	41.31	48.830597	-86.939660	56208.37	56282.5	-32.47	56175.89	56188.31641	56152.70146	56165.41797	504428.4	5408626.0
L4430.0	504428.4	5408628.9	85361.20313	224.88	41.31	48.830622	-86.939660	56206.99	56282.5	-32.48	56174.51	56186.98828	56152.60277	56165.28125	504428.4	5408628.9
L4430.0	504428.4	5408628.9	85361.29688	224.14	49.75	48.830622	-86.939660	56207.90	56282.5	-32.49	56175.41	56187.93750	56152.35077	56164.99609	504428.4	5408628.9
L4430.0	504428.4	5408630.6	85361.39844	222.94	46.53	48.830638	-86.939660	56206.84	56282.5	-32.49	56174.35	56186.92578	56152.22806	56164.83594	504428.4	5408630.6
L4430.0	504428.4	5408632.6	85361.50000	223.28	46.53	48.830655	-86.939660	56207.70	56282.5	-32.50	56175.20	56187.82031	56151.97654	56164.54688	504428.4	5408632.6
L4430.0	504428.4	5408632.6	85361.60156	225.55	51.97	48.830655	-86.939660	56207.93	56282.5	-32.50	56175.43	56188.09766	56151.76480	56164.29688	504428.4	5408632.6
L4430.0	504428.4	5408634.5	85361.70313	223.75	46.84	48.830673	-86.939660	56206.93	56282.5	-32.50	56174.43	56187.13672	56151.63338	56164.12891	504428.4	5408634.5
L4430.0	504428.4	5408636.0	85361.79688	222.91	46.84	48.830686	-86.939660	56207.86	56282.5	-32.51	56175.35	56188.09766	56151.37218	56163.82813	504428.4	5408636.0
L4430.0	504428.4	5408636.0	85361.89844	224.23	48.15	48.830686	-86.939660	56207.38	56282.5	-32.51	56174.86	56187.64844	56151.20307	56163.62109	504428.4	5408636.0
L4430.0	504428.4	5408637.6	85362.00000	225.05	48.15	48.830701	-86.939659	56208.27	56282.5	-32.52	56175.75	56188.57813	56150.93994	56163.32031	504428.4	5408637.6
L4430.0	504428.4	5408639.3	85362.10156	224.48	45.77	48.830716	-86.939659	56206.98	56282.5	-32.53	56174.45	56187.31250	56150.82064	56163.16406	504428.4	5408639.3
L4430.0	504428.4	5408640.6	85362.20313	223.30	45.77	48.830728	-86.939659	56208.09	56282.5	-32.54	56175.54	56188.43750	56150.53971	56162.84375	504428.4	5408640.6
L4430.0	504428.4	5408640.6	85362.29688	222.34	45.36	48.830728	-86.939659	56207.44	56282.6	-32.55	56174.89	56187.82031	56150.37232	56162.63672	504428.4	5408640.6
L4430.0	504428.4	5408642.2	85362.39844	223.17	45.88	48.830742	-86.939659	56207.98	56282.6	-32.56	56175.42	56188.38281	56150.12364	56162.34766	504428.4	5408642.2
L4430.0	504428.4	5408643.8	85362.50000	223.94	45.88	48.830756	-86.939659	56207.40	56282.6	-32.57	56174.83	56187.82422	56149.94686	56162.13281	504428.4	5408643.8
L4430.0	504428.4	5408645.2	85362.60156	224.49	44.37	48.830769	-86.939659	56208.00	56282.6	-32.59	56175.41	56188.43359	56149.68913	56161.83594	504428.4	5408645.2
L4430.0	504428.4	5408645.2	85362.60156	224.49	45.38	48.830769	-86.939659	56208.16	56282.6	-32.59	56175.58	56188.63281	56149.45560	56161.56250	504428.4	5408645.2
L4430.0	504428.4	5408646.6	85362.79688	225.02	45.77	48.830782	-86.939659	56208.42	56282.6	-32.61	56175.81	56188.88672	56149.21476	56161.28125	504428.4	5408646.6
L4430.0	504428.4	5408647.8	85362.89844	226.12	45.77	48.830793	-86.939659	56208.39	56282.6	-32.62	56175.78	56188.88281	56148.98776	56161.01563	504428.4	5408647.8
L4430.0	504428.4	5408649.3	85363.00000	228.23	45.51	48.830806	-86.939659	56208.21	56282.6	-32.63	56175.58	56188.70703	56148.76840	56160.75391	504428.4	5408649.3
L4430.0	504428.4	5408651.1	85363.10156	226.71	45.51	48.830822	-86.939659	56208.44	56282.6	-32.64	56175.81	56188.96094	56148.51647	56160.46484	504428.4	5408651.1
L4430.0	504428.4	5408651.1	85363.20313	225.50	45.7	48.830822	-86.939659	56208.68	56282.6	-32.64	56176.03	56189.20313	56148.26112	56160.16797	504428.4	5408651.1
L4430.0	504428.4	5408652.6	85363.29688	225.78	46.16	48.830835	-86.939659	56208.85	56282.6	-32.65	56176.20	56189.39453	56148.00479	56159.87500	504428.4	5408652.6
L4430.0	504428.4	5408653.9	85363.39844	228.24	45.3	48.830847	-86.939659	56208.90	56282.7	-32.65	56176.24	56189.45313	56147.75260	56159.58203	504428.4	5408653.9
L4430.0	504428.4	5408655.3	85363.50000	227.40	46.63	48.830860	-86.939659	56209.18	56282.7	-32.66	56176.52	56189.75391	56147.47969	56159.26953	504428.4	5408655.3
L4430.0	504428.4	5408656.8	85363.60156	227.33	46.63	48.830873	-86.939659	56208.90	56282.7	-32.67	56176.23	56189.48047	56147.23982	56158.99219	504428.4	5408656.8
L4430.0	504428.4	5408658.1	85363.70313	226.52	41.49	48.830885	-86.939659	56209.32	56282.7	-32.67	56176.65	56189.92188	56146.94744	56158.66016	504428.4	5408658.1
L4430.0	504428.4	5408658.1	85363.79688	226.77	46.81	48.830885	-86.939659	56209.56	56282.7	-32.68	56176.89	56190.17578	56146.66168	56158.33594	504428.4	5408658.1
L4430.0	504428.4	5408659.6	85363.89844	227.11	46.81	48.830898	-86.939659	56209.82	56282.7	-32.68	56177.14	56190.44141	56146.36964	56158.00781	504428.4	5408659.6
L4430.0	504428.4	5408661.1	85364.00000	228.07	50.3	48.830912	-86.939659	56208.88	56282.7	-32.69	56176.19	56189.50781	56146.15177	56157.75000	504428.4	5408661.1
L4430.0	504428.4	5408662.6	85364.10156	228.51	50.3	48.830925	-86.939659	56210.16	56282.7	-32.70	56177.46	56190.79297	56145.77985	56157.33984	504428.4	5408662.6
L4430.0	504428.4	5408663.8	85364.20313	228.44	50.27	48.830936	-86.939659	56210.07	56282.7	-32.71	56177.36	56190.70703	56145.49300	56157.01563	504428.4	5408663.8
L4430.0	504428.4	5408665.4	85364.29688	226.69	50.19	48.830950	-86.939659	56209.86	56282.7	-32.72	56177.14	56190.50000	56145.20767	56156.69531	504428.4	5408665.4
L4430.0	504428.4	5408665.4	85364.39844	227.01	50.19	48.830950	-86.939659	56210.45	56282.7	-32.73	56177.72	56191.09375	56144.86232	56156.31250	504428.4	5408665.4
L4430.0	504428.4	5408666.6	85364.50000	225.05	44.52	48.830961	-86.939659	56210.46	56282.7	-32.74	56177.73	56191.11719	56144.54807	56155.96484	504428.4	5408666.6

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4430.0	504428.4	5408668.0	85364.60156	225.24	40.63	48.830974	-86.939659	56210.21	56282.7	-32.74	56177.46	56190.85938	56144.24540	56155.62500	504428.4	5408668.0
L4430.0	504428.4	5408669.8	85364.60156	225.24	40.63	48.830990	-86.939659	56209.84	56282.7	-32.74	56177.10	56190.51172	56143.94144	56155.28516	504428.4	5408669.8
L4430.0	504428.4	5408671.1	85364.79688	227.03	42.32	48.831002	-86.939659	56210.39	56282.8	-32.76	56177.63	56191.05469	56143.57067	56154.88281	504428.4	5408671.1
L4430.0	504428.4	5408671.1	85364.89844	227.27	39.87	48.831002	-86.939659	56210.66	56282.8	-32.77	56177.89	56191.32422	56143.21023	56154.48828	504428.4	5408671.1
L4430.0	504428.4	5408672.7	85365.00000	226.95	39.87	48.831017	-86.939659	56210.26	56282.8	-32.78	56177.48	56190.92578	56142.88664	56154.12891	504428.4	5408672.7
L4430.0	504428.4	5408675.2	85365.10156	226.95	40.36	48.831039	-86.939659	56209.99	56282.8	-32.78	56177.21	56190.66797	56142.54572	56153.75781	504428.4	5408675.2
L4430.0	504428.4	5408675.2	85365.20313	228.54	40.36	48.831039	-86.939659	56210.06	56282.8	-32.78	56177.28	56190.75000	56142.17398	56153.35156	504428.4	5408675.2
L4430.0	504428.4	5408676.4	85365.29688	228.76	44.21	48.831049	-86.939659	56210.22	56282.8	-32.79	56177.44	56190.91797	56141.78795	56152.93359	504428.4	5408676.4
L4430.0	504428.4	5408677.9	85365.39844	227.90	43.04	48.831063	-86.939659	56209.65	56282.8	-32.79	56176.86	56190.35156	56141.44284	56152.55859	504428.4	5408677.9
L4430.0	504428.4	5408679.1	85365.50000	226.77	43.04	48.831073	-86.939659	56209.69	56282.8	-32.79	56176.90	56190.40234	56141.04784	56152.13281	504428.4	5408679.1
L4430.0	504428.4	5408680.5	85365.60156	226.94	42.05	48.831087	-86.939660	56209.13	56282.8	-32.79	56176.34	56189.85156	56140.68420	56151.73828	504428.4	5408680.5
L4430.0	504428.4	5408682.0	85365.70313	227.12	41.8	48.831100	-86.939660	56209.86	56282.8	-32.79	56177.06	56190.58594	56140.22647	56151.25391	504428.4	5408682.0
L4430.0	504428.4	5408682.0	85365.79688	227.56	41.8	48.831100	-86.939660	56208.06	56282.8	-32.80	56175.27	56188.80469	56139.92724	56150.92578	504428.4	5408682.0
L4430.0	504428.3	5408683.7	85365.89844	226.47	40.71	48.831115	-86.939660	56208.70	56282.8	-32.80	56175.90	56189.44922	56139.45778	56150.42969	504428.3	5408683.7
L4430.0	504428.3	5408685.2	85366.00000	226.07	40.71	48.831128	-86.939660	56208.16	56282.8	-32.80	56175.36	56188.91797	56139.05735	56150.00000	504428.3	5408685.2
L4430.0	504428.3	5408686.9	85366.10156	224.67	42.51	48.831144	-86.939660	56207.61	56282.8	-32.81	56174.80	56188.37109	56138.64925	56149.56641	504428.3	5408686.9
L4430.0	504428.3	5408686.9	85366.20313	225.23	44.32	48.831144	-86.939660	56207.02	56282.8	-32.81	56174.21	56187.79297	56138.23412	56149.12891	504428.3	5408686.9
L4430.0	504428.3	5408688.3	85366.29688	223.38	44.32	48.831157	-86.939660	56207.24	56282.8	-32.82	56174.42	56188.01953	56137.75661	56148.62500	504428.3	5408688.3
L4430.0	504428.3	5408690.3	85366.39844	225.13	44.17	48.831174	-86.939660	56206.04	56282.8	-32.82	56173.22	56186.83203	56137.36404	56148.21094	504428.3	5408690.3
L4430.0	504428.3	5408690.3	85366.50000	223.04	40.78	48.831174	-86.939660	56206.02	56282.8	-32.82	56173.20	56186.82422	56136.88377	56147.70703	504428.3	5408690.3
L4430.0	504428.3	5408691.7	85366.60156	223.18	40.78	48.831187	-86.939660	56204.39	56282.8	-32.83	56171.56	56185.19922	56136.50249	56147.30469	504428.3	5408691.7
L4430.0	504428.3	5408693.5	85366.60156	223.18	45.72	48.831203	-86.939660	56203.84	56282.8	-32.83	56171.01	56184.66406	56136.03956	56146.82031	504428.3	5408693.5
L4430.0	504428.3	5408694.8	85366.79688	222.64	45.72	48.831215	-86.939660	56203.67	56282.8	-32.84	56170.83	56184.50000	56135.54304	56146.30469	504428.3	5408694.8
L4430.0	504428.3	5408696.5	85366.89844	223.93	47.68	48.831231	-86.939660	56203.06	56282.8	-32.85	56170.21	56183.89453	56135.06700	56145.80859	504428.3	5408696.5
L4430.0	504428.3	5408696.5	85367.00000	226.11	48.11	48.831231	-86.939660	56202.96	56282.8	-32.85	56170.11	56183.81250	56134.54750	56145.26953	504428.3	5408696.5
L4430.0	504428.3	5408698.2	85367.10156	227.26	48.11	48.831246	-86.939660	56200.33	56282.9	-32.86	56167.47	56181.19141	56134.18865	56144.89453	504428.3	5408698.2
L4430.0	504428.3	5408698.2	85367.20313	228.44	39.72	48.831246	-86.939660	56200.67	56282.9	-32.87	56167.80	56181.53906	56133.62320	56144.31250	504428.3	5408698.2
L4430.0	504428.3	5408699.7	85367.29688	227.45	40.81	48.831259	-86.939660	56199.42	56282.9	-32.87	56166.55	56180.30859	56133.15459	56143.82813	504428.3	5408699.7
L4430.0	504428.3	5408701.1	85367.39844	226.24	40.81	48.831272	-86.939660	56199.39	56282.9	-32.88	56166.51	56180.28516	56132.59696	56143.25781	504428.3	5408701.1
L4430.0	504428.3	5408702.4	85367.50000	225.97	43.75	48.831283	-86.939660	56196.84	56282.9	-32.89	56163.95	56177.74609	56132.19909	56142.84766	504428.3	5408702.4
L4430.0	504428.3	5408704.1	85367.60156	226.13	47.38	48.831299	-86.939660	56196.71	56282.9	-32.90	56163.81	56177.62891	56131.63179	56142.26563	504428.3	5408704.1
L4430.0	504428.3	5408705.7	85367.70313	227.55	47.38	48.831313	-86.939660	56195.68	56282.9	-32.91	56162.77	56176.60938	56131.11654	56141.74219	504428.3	5408705.7
L4430.0	504428.3	5408705.7	85367.79688	226.36	47.38	48.831313	-86.939660	56194.33	56282.9	-32.91	56161.42	56175.28125	56130.61415	56141.23047	504428.3	5408705.7
L4430.0	504428.3	5408708.7	85367.89844	225.30	44.69	48.831340	-86.939660	56193.95	56282.9	-32.92	56161.02	56174.90625	56130.04080	56140.64844	504428.3	5408708.7
L4430.0	504428.3	5408708.7	85368.00000	227.15	44.69	48.831340	-86.939660	56193.14	56282.9	-32.93	56160.21	56174.12109	56129.48730	56140.08594	504428.3	5408708.7
L4430.0	504428.3	5408710.1	85368.10156	226.80	48.47	48.831353	-86.939660	56192.16	56282.9	-32.93	56159.23	56173.16406	56128.93783	56139.52734	504428.3	5408710.1
L4430.0	504428.3	5408711.7	85368.20313	225.80	43.31	48.831367	-86.939660	56190.76	56282.9	-32.94	56157.82	56171.78125	56128.40990	56138.99609	504428.3	5408711.7
L4430.0	504428.3	5408711.7	85368.29688	226.90	42.69	48.831367	-86.939660	56189.43	56282.9	-32.94	56156.48	56170.46875	56127.87035	56138.45313	504428.3	5408711.7
L4430.0	504428.3	5408713.2	85368.39844	226.92	42.69	48.831380	-86.939660	56188.03	56282.9	-32.95	56155.08	56169.09766	56127.32802	56137.90625	504428.3	5408713.2
L4430.0	504428.3	5408714.5	85368.50000	226.39	46.57	48.831392	-86.939660	56187.91	56282.9	-32.95	56154.96	56169.00391	56126.69377	56137.26953	504428.3	5408714.5
L4430.0	504428.3	5408715.9	85368.60156	225.32	47.2	48.831405	-86.939660	56186.71	56283	-32.95	56153.75	56167.82422	56126.12578	56136.69922	504428.3	5408715.9
L4430.0	504428.3	5408717.4	85368.60156	225.32	47.2	48.831418	-86.939660	56185.12	56283	-32.95	56152.17	56166.27344	56125.57622	56136.14844	504428.3	5408717.4
L4430.0	504428.3	5408718.6	85368.79688	226.92	47.8	48.831429	-86.939660	56184.17	56283	-32.96	56151.21	56165.34766	56124.97929	56135.55469	504428.3	5408718.6
L4430.0	504428.3	5408718.6	85368.89844	227.42	47.8	48.831429	-86.939660	56183.91	56283	-32.97	56150.95	56165.11719	56124.32984	56134.90625	504428.3	5408718.6
L4430.0	504428.3	5408720.4	85369.00000	226.74	47.73	48.831445	-86.939660	56182.06	56283	-32.97	56149.09	56163.29297	56123.78137	56134.36328	504428.3	5408720.4
L4430.0	504428.3	5408721.8	85369.10156	226.56	39.37	48.831458	-86.939660	56181.11	56283	-32.97	56148.13	56162.36719	56123.16740	56133.75391	504428.3	5408721.8
L4430.0	504428.3	5408721.8	85369.20313	225.40	39.37	48.831458	-86.939660	56180.13	56283	-32.98	56147.15	56161.42188	56122.54943	56133.14063	504428.3	5408721.8
L4430.0	504428.3	5408724.7	85369.29688	224.15	39.59	48.831484	-86.939659	56179.39	56283	-32.98	56146.41	56160.71875	56121.91032	56132.50781	504428.3	5408724.7
L4430.0	504428.3	5408724.7	85369.39844	224.97	42.26	48.831484	-86.939659	56177.96	56283	-32.98	56144.97	56159.31250	56121.31290	56131.91797	504428.3	5408724.7
L4430.0	504428.4	5408727.4	85369.50000	221.77	42.26	48.831509	-86.939659	56176.71	56283	-32.99	56143.72	56158.10156	56120.69800	56131.31250	504428.4	5408727.4
L4430.0	504428.4	5408727.4	85369.60156	223.41	43.13	48.831509	-86.939659	56176.44	56283	-32.99	56143.45	56157.87109	56120.01312	56130.63672	504428.4	5408727.4
L4430.0	504428.4	5408729.2	85369.70313	240.47	43.13	48.831524	-86.939659	56174.30	56283	-32.99	56141.31	56155.76953	56119.44841	56130.08594	504428.4	5408729.2
L4430.0	504428.4	5408729.2	85369.79688	240.01	42.34	48.831524	-86.939659	56174.20	56283	-32.99	56141.20	56155.70313	56118.74403	56129.39063	504428.4	5408729.2
L4430.0	504428.4	5408730.5	85369.89844	239.73	46.96	48.831537	-86.939658	56172.53	56283	-33.00	56139.53	56154.07422	56118.13947	56128.80078	504428.4	5408730.5
L4430.0	504428.4	5408732.1	85370.00000	238.76	46.96	48.831551	-86.939658	56171.88	56283	-33.00	56138.88	56153.46484	56117.46285	56128.14063	504428.4	5408732.1
L4430.0	504428.4	5408733.8	85370.10156	240.42	47.87	48.831566	-86.939658	56170.43	56283	-33.00	56137.43	56152.05859	56116.83567	56127.52734	504428.4	5408733.8
L4430.0	504428.4	5408733.8	85370.20313	240.69	47.87	48.831566	-86.939658	56169.75	56283	-33.01	56136.74	56151.41406	56116.15404	56126.86328	504428.4	5408733.8
L4430.0	504428.4	5408736.6	85370.29688	239.26	46.73	48.831591	-86.939658	56169.11	56283	-33.01	56136.09	56150.80859	56115.46609	56126.19531	504428.4	5408736.6
L4430.0	504428.4	5408736.6	85370.39844	240.02	46.73	48.831591	-86.939658	56167.09	56283	-33.02	56134.07	56148.83594	56114.86595	56125.61328	504428.4	5408736.6
L4430.0	504428.4	5408738.4	85370.50000	240.34	46.8	48.831607	-86.939658	56166.83	56283	-33.03	56133.80	56148.61328	56114.14573	56124.91406	504428.4	5408738.4
L4430.0	504428.4	5408739.9	85370.60156	241.92	42.82	48.831621	-86.939658	56165.53	56283	-33.03	56132.50	56147.35938	56113.49087	56124.28125	504428.4	5408739.9
L4430.0	504428.4	5408741.3	85370.60156	241.92	42.82	48.831633	-86.939658	56165.37	56283	-33.03	56132.34	56147.24609	56112.75680	56123.57031	504428.4	5408741.3
L4430.0	504428.4	5408741.3	85370.79688	241.98	41.62	48.831633	-86.939658	56163.09	56283	-33.04	56130.05	56145.00781	56112.16162	56123.00000	504428.4	5408741.3
L4430.0	504428.4	5408742.8	85370.89844	241.26	46.38	48.831646	-86.939658	56162.99	56283	-33.05	56129.94	56144.94531	56111.41808	56122.28125	504428.4	5408742.8
L4430.0	504428.4	5408744.4	85371.00000	242.47	46.38	48.831662	-86.939658	56161.49	56283.1	-33.05	56128.44	56143.49609	56110.76427	56121.65234	504428.4	5408744.4
L4430.0	504428.4	5408745.9	85371.10156	244.91	46.28	48.831675	-86.939658	56161.02	56283.1	-33.05	56127.97	56143.07813	56110.03892	56120.95313	504428.4	5408745.9
L4430.0	504428.4	5408745.9	85371.20313	245.71	43.67	48.831675	-86.939658	56159.32	56283.1	-33.06	56126.26	56141.42188	56109.39344	56120.33594	504428.4	5408745.9
L4430.0	504428.4	5408747.4	85371.29688	245.57	43.67	48.831688	-86.939658	56158.85	56283.1	-33.06	56125.79	56141.00391	56108.66256	56119.63672	504428.4	5408747.4
L4430.0	504428.4	5408748.8	85371.39844	245.53	46	48.831701	-86.939658	56157.90	56283.1	-33.07	56124.83	56140.09766	56107.96167	56118.96484	504428.4	5408748.8
L4430.0	504428.4	5408750.3	85371.50000	243.75	46	48.831715	-86.939658	56156.17	56283.1	-33.07	56123.10	56138.42188	56107.30947	56118.34375	504428.4	5408750.3
L4430.0	504428.4	5408752.0	85371.60156	243.90	47.27	48.831729	-86.939658	56156.36	56283.1	-33.07	56123.28	56138.65625	56106.52734	56117.59375	504428.4	5408752.0
L4430.0	504428.4	5408753.2	85371.70313	243.66	47.27	48.831740	-86.939658	56154.21	56283.1	-33.08	56121.14	56136.57031	56105.89733	56116.99609	504428.4	5408753.2
L4430.0	504428.4	5408753.2	85371.79688	240.97	45.09	48.831740	-86.939658	56153.93	56283.1	-33.08	56120.85	56136.33594	56105.14145	56116.27344	504428.4	5408753.2
L4430.0	504428.4	5408754.6	85371.89844	240.67	41.67	48.831753	-86.939658	56153.68	56283.1	-33.09	56120.59	56136.13281	56104.38106	56115.55078	504428.4	5408754.6
L4430.0	504428.4	5408756.1	85372.00000	241.69	41.67	48.831766	-86.939658	56151.89	56283.1	-33.09	56118.80	56134.39844	56103.72018	56114.92578	504428.4	5408756.1
L4430.0	504428.4	5408757.5	85372.10156	242.44	45.16	48.831779	-86.939658	56150.97	56283.1	-33.10	56117.88	56133.53906	56102.99881	56114.24219	504428.4	5408757.5
L4430.0	504428.4	5408757.5	85372.20313	244.27	45.66	48.831779	-86.939658	56150.81	56283.1	-33.10	56117.71	56133.42578	56102.22496	56113.50391	504428.4	5408757.5
L4430.0	504428.4	5408759.2	85372.29688	242.95	45.66	48.831795	-86.939658	56149.14	56283.1	-33.11	56116.03	56131.80469	56101.54928	56112.86719	504428.4	5408759.2
L4430.0	504428.4	5408760.9	85372.39844	242.68	46.44	48.831810	-86.939658	56148.10	56283.1	-33.12	56114.98	56130.81250	56100.82911	56112.18750	504428.4	5408760.9
L4430.0	504428.4	5408762.4	85372.50000	241.92	46.44	48.831823	-86.939658	56147.89	56283.1	-33.13	56114.76	56130.64844	56100.05108	56111.44922	504428.4	5408762.4
L4430.0	504428.4	5408764.1	85372.60156	242.41	46.68	48.831838	-86.939658	56146.68	56283.1	-33.13	56113.55	56129.50000	56099.33650	56110.77734	504428.4	5408764.1
L4430.0	504428.4	5408764.1	85372.60156	242.41	46.68	48.831838	-86.939658	56145.66	56283.1	-33.13	56112.53	56128.53906	56098.60669	56110.08594	504428.4	5408764.1
L4430.0	504428.4	5408765.5	85372.79688	241.35	44.58	48.831851	-86.939658	56144.44	56283.1	-33.15	56111.29	56127.35547	56097.88892	56109.41406	504428.4	5408765.5
L4430.0	504428.4	5408767.0	85372.89844	240.73	44.58	48.831865	-86.939658	56144.15	56283.2	-33.15	56111.00	56127.12500	56097.10517	56108.67188	504428.4	5408767.0
L4430.0	504428.4	5408767.0	85373.00000	241.13	47.01	48.831865	-86.939658	56143.33	56283.2	-33.16	56110.17	56126.35547	56096.35471	56107.96484	504428.4	5408767.0
L4430.0	504428.4	5408768.6	85373.10156	239.74	47.01	48.831879	-86.939658	56142.18	56283.2	-33.17	56109.01	56125.25391	56095.62349	56107.27734	504428.4	5408768.6
L4430.0	504428.4	5408770.1	85373.20313	242.17	47.22	48.831892	-86.939658	56140.80	56283.2	-33.17	56107.62	56123.92188	56094.90477	56106.60547	504428.4	5408770.1
L4430.0	504428.4	5408771.6	85373.29688	242.80	47.22	48.831906	-86.939658	56140.91	56283.2	-33.18	56107.73	56124.09375	56094.08316	56105.82813	504428.4	5408771.6
L4430.0	504428.4	5408773.0	85373.39844	243.18	47.54	48.831919	-86.939658	56139.64	56283.2	-33.18	56106.46	56122.88281	56093.35058	56105.14453	504428.4	5408773.0
L4430.0	504428.4	5408773.0	85373.50000	240.74	46.04	48.831919	-86.939658	56138.31	56283.2	-33.19	56105.12	56121.60156	56092.61961	56104.45703	504428.4	5408773.0
L4430.0	504428.4	5408774.7	85373.60156	242.77	46.04	48.831934	-86.939658	56137.62	56283.2	-33.20	56104.42	56120.96094	56091.84283	56103.73047	504428.4	5408774.7
L4430.0	504428.4	5408776.7	85373.70313	240.72	47.11	48.831951	-86.939658	56137.16	56283.2	-33.20	56103.96	56120.55859	56091.04681	56102.98047	504428.4	5408776.7
L4430.0	504428.4	5408776.7	85373.79688	242.35	47.59	48.831951	-86.939658	56135.62	56283.2	-33.21	56102.41	56119.06641	56090.32012	56102.30078	504428.4	5408776.7

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4430.0	504428.4	5408778.1	85373.89844	241.17	47.59	48.831965	-86.939658	56135.14	56283.2	-33.21	56101.93	56118.64453	56089.51866	56101.55078	504428.4	5408778.1
L4430.0	504428.4	5408779.4	85374.00000	243.42	46.54	48.831976	-86.939658	56134.31	56283.2	-33.22	56101.09	56117.85938	56088.73764	56100.81641	504428.4	5408779.4
L4430.0	504428.4	5408780.8	85374.10156	245.12	46.54	48.831989	-86.939658	56133.42	56283.2	-33.22	56100.19	56117.01563	56087.95694	56100.08594	504428.4	5408780.8
L4430.0	504428.4	5408782.2	85374.20313	245.69	45.1	48.832002	-86.939658	56132.59	56283.2	-33.23	56099.36	56116.24219	56087.16777	56099.34375	504428.4	5408782.2
L4430.0	504428.4	5408783.4	85374.29688	243.87	45.1	48.832013	-86.939658	56131.47	56283.2	-33.23	56098.24	56115.17969	56086.39400	56098.62109	504428.4	5408783.4
L4430.0	504428.4	5408783.4	85374.39844	246.00	43.12	48.832013	-86.939658	56130.94	56283.2	-33.24	56097.70	56114.69531	56085.57750	56097.85547	504428.4	5408783.4
L4430.0	504428.4	5408785.2	85374.50000	244.86	43.12	48.832029	-86.939658	56130.06	56283.2	-33.24	56096.82	56113.86719	56084.77944	56097.10547	504428.4	5408785.2
L4430.0	504428.4	5408786.4	85374.60156	242.86	41.76	48.832039	-86.939658	56129.39	56283.2	-33.24	56096.15	56113.25000	56083.96303	56096.33984	504428.4	5408786.4
L4430.0	504428.4	5408788.3	85374.60156	242.86	41.81	48.832056	-86.939658	56128.09	56283.2	-33.24	56094.85	56112.00391	56083.18410	56095.60938	504428.4	5408788.3
L4430.0	504428.4	5408789.8	85374.79688	241.27	41.81	48.832070	-86.939658	56127.70	56283.3	-33.25	56094.45	56111.65625	56082.34050	56094.81641	504428.4	5408789.8
L4430.0	504428.4	5408791.0	85374.89844	240.08	39.71	48.832081	-86.939658	56126.59	56283.3	-33.26	56093.34	56110.59375	56081.53939	56094.06641	504428.4	5408791.0
L4430.0	504428.4	5408791.0	85375.00000	241.03	46.01	48.832081	-86.939658	56125.73	56283.3	-33.26	56092.47	56109.77344	56080.71727	56093.29297	504428.4	5408791.0
L4430.0	504428.4	5408792.8	85375.10156	239.16	46.01	48.832096	-86.939658	56125.04	56283.3	-33.27	56091.77	56109.12109	56079.87864	56092.50391	504428.4	5408792.8
L4430.0	504428.4	5408792.8	85375.20313	240.30	48.67	48.832096	-86.939658	56124.23	56283.3	-33.28	56090.96	56108.35938	56079.04199	56091.71484	504428.4	5408792.8
L4430.0	504428.4	5408794.5	85375.29688	239.27	45.14	48.832112	-86.939658	56123.28	56283.3	-33.28	56089.99	56107.43359	56078.21047	56090.93359	504428.4	5408794.5
L4430.0	504428.4	5408796.4	85375.39844	241.43	45.14	48.832129	-86.939658	56122.26	56283.3	-33.29	56088.97	56106.46094	56077.37655	56090.14844	504428.4	5408796.4
L4430.0	504428.4	5408797.3	85375.50000	241.69	42.32	48.832137	-86.939658	56121.71	56283.3	-33.30	56088.41	56105.94141	56076.50605	56089.32422	504428.4	5408797.3
L4430.0	504428.4	5408798.8	85375.60156	241.41	42.32	48.832151	-86.939658	56120.75	56283.3	-33.31	56087.44	56105.01563	56075.65678	56088.52344	504428.4	5408798.8
L4430.0	504428.4	5408800.3	85375.70313	239.83	38.09	48.832164	-86.939658	56120.32	56283.3	-33.32	56087.00	56104.61328	56074.76588	56087.67969	504428.4	5408800.3
L4430.0	504428.4	5408801.7	85375.79688	240.23	38.09	48.832177	-86.939658	56118.70	56283.3	-33.32	56085.37	56103.02344	56073.94781	56086.91016	504428.4	5408801.7
L4430.0	504428.4	5408801.7	85375.89844	238.79	38.91	48.832177	-86.939658	56117.84	56283.3	-33.33	56084.51	56102.19922	56073.07172	56086.08203	504428.4	5408801.7
L4430.0	504428.4	5408803.7	85376.00000	240.85	38.91	48.832195	-86.939658	56117.62	56283.3	-33.34	56084.28	56102.00391	56072.14673	56085.20313	504428.4	5408803.7
L4430.0	504428.3	5408805.1	85376.10156	241.79	42	48.832208	-86.939658	56116.50	56283.3	-33.34	56083.15	56100.90625	56071.27464	56084.37500	504428.3	5408805.1
L4430.0	504428.3	5408805.1	85376.20313	243.81	41.9	48.832208	-86.939658	56115.26	56283.3	-33.35	56081.91	56099.69922	56070.40260	56083.54688	504428.3	5408805.1
L4430.0	504428.3	5408806.6	85376.29688	242.88	41.9	48.832221	-86.939658	56114.42	56283.4	-33.35	56081.07	56098.88672	56069.49639	56082.68750	504428.3	5408806.6
L4430.0	504428.3	5408808.1	85376.39844	244.57	47.48	48.832234	-86.939658	56113.59	56283.4	-33.36	56080.23	56098.07422	56068.58248	56081.81641	504428.3	5408808.1
L4430.0	504428.3	5408809.8	85376.50000	243.28	47.48	48.832249	-86.939658	56112.10	56283.4	-33.36	56078.73	56096.59766	56067.70468	56080.98047	504428.3	5408809.8
L4430.0	504428.3	5408809.8	85376.60156	243.99	47.37	48.832249	-86.939658	56112.02	56283.4	-33.37	56078.65	56096.54297	56066.72412	56080.03906	504428.3	5408809.8
L4430.0	504428.3	5408811.4	85376.60156	243.99	47.37	48.832265	-86.939658	56110.51	56283.4	-33.37	56077.14	56095.05078	56065.83062	56079.18750	504428.3	5408811.4
L4430.0	504428.3	5408813.0	85376.79688	243.08	42.07	48.832278	-86.939659	56109.74	56283.4	-33.38	56076.36	56094.28906	56064.87997	56078.27734	504428.3	5408813.0
L4430.0	504428.3	5408814.2	85376.89844	241.29	41.37	48.832289	-86.939659	56108.43	56283.4	-33.39	56075.04	56092.98438	56063.95667	56077.39063	504428.3	5408814.2
L4430.0	504428.3	5408815.7	85377.00000	241.78	39.18	48.832302	-86.939659	56108.50	56283.4	-33.39	56075.11	56093.07031	56062.93187	56076.40234	504428.3	5408815.7
L4430.0	504428.3	5408817.1	85377.10156	241.68	33.68	48.832316	-86.939659	56106.74	56283.4	-33.40	56073.34	56091.30859	56062.02073	56075.52734	504428.3	5408817.1
L4430.0	504428.3	5408817.1	85377.20313	242.62	33.68	48.832316	-86.939659	56105.24	56283.4	-33.40	56071.83	56089.80859	56061.08308	56074.62500	504428.3	5408817.1
L4430.0	504428.3	5408818.8	85377.29688	241.33	34.82	48.832331	-86.939659	56104.41	56283.4	-33.41	56071.00	56088.98438	56060.09077	56073.66797	504428.3	5408818.8
L4430.0	504428.3	5408820.3	85377.39844	242.63	39.83	48.832344	-86.939659	56103.67	56283.4	-33.42	56070.25	56088.23828	56059.08365	56072.69141	504428.3	5408820.3
L4430.0	504428.3	5408821.5	85377.50000	241.01	39.83	48.832355	-86.939659	56102.46	56283.4	-33.43	56069.04	56087.02734	56058.09758	56071.73828	504428.3	5408821.5
L4430.0	504428.3	5408823.0	85377.60156	241.06	31.87	48.832368	-86.939659	56100.73	56283.4	-33.43	56067.30	56085.28516	56057.13711	56070.80859	504428.3	5408823.0
L4430.0	504428.3	5408823.0	85377.70313	238.88	35.18	48.832368	-86.939659	56100.82	56283.4	-33.44	56067.38	56085.35938	56056.04545	56069.74219	504428.3	5408823.0
L4430.0	504428.3	5408824.5	85377.79688	239.78	40.54	48.832382	-86.939659	56098.29	56283.4	-33.45	56064.84	56082.80859	56055.11852	56068.84375	504428.3	5408824.5
L4430.0	504428.3	5408825.7	85377.89844	240.48	40.54	48.832392	-86.939659	56097.45	56283.5	-33.45	56064.00	56081.95703	56054.06822	56067.82031	504428.3	5408825.7
L4430.0	504428.3	5408827.1	85378.00000	241.67	50.05	48.832406	-86.939659	56095.75	56283.5	-33.46	56062.29	56080.23047	56053.06583	56066.83984	504428.3	5408827.1
L4430.0	504428.3	5408828.8	85378.10156	240.96	50.05	48.832421	-86.939659	56094.57	56283.5	-33.46	56061.10	56079.02344	56052.01863	56065.81641	504428.3	5408828.8
L4430.0	504428.3	5408828.8	85378.20313	241.11	50.27	48.832421	-86.939659	56094.14	56283.5	-33.47	56060.67	56078.57422	56050.91059	56064.72656	504428.3	5408828.8
L4430.0	504428.3	5408830.3	85378.29688	240.34	49.88	48.832434	-86.939659	56091.43	56283.5	-33.47	56057.96	56075.83984	56049.94438	56063.77734	504428.3	5408830.3
L4430.0	504428.3	5408831.8	85378.39844	241.73	49.88	48.832447	-86.939659	56090.67	56283.5	-33.48	56057.19	56075.03906	56048.83868	56062.69141	504428.3	5408831.8
L4430.0	504428.3	5408833.2	85378.50000	242.14	49.86	48.832460	-86.939659	56089.26	56283.5	-33.49	56055.77	56073.58984	56047.76620	56061.63281	504428.3	5408833.2
L4430.0	504428.3	5408834.4	85378.60156	242.72	36.29	48.832471	-86.939659	56087.41	56283.5	-33.49	56053.92	56071.70313	56046.71233	56060.59375	504428.3	5408834.4
L4430.0	504428.3	5408835.6	85378.60156	242.72	36.29	48.832482	-86.939659	56086.62	56283.5	-33.49	56053.13	56070.87500	56045.57785	56059.46875	504428.3	5408835.6
L4430.0	504428.3	5408837.1	85378.79688	244.54	37.48	48.832495	-86.939659	56084.40	56283.5	-33.50	56050.90	56068.60156	56044.52954	56058.42969	504428.3	5408837.1
L4430.0	504428.3	5408838.5	85378.89844	243.53	43.89	48.832508	-86.939659	56083.14	56283.5	-33.51	56049.63	56067.28906	56043.40757	56057.31641	504428.3	5408838.5
L4430.0	504428.3	5408839.5	85379.00000	243.50	43.89	48.832516	-86.939658	56079.87	56283.5	-33.51	56046.36	56063.96875	56042.40945	56056.32031	504428.3	5408839.5
L4430.0	504428.3	5408839.5	85379.10156	242.77	49.63	48.832516	-86.939658	56078.96	56283.5	-33.52	56045.44	56062.99609	56041.24540	56055.16016	504428.3	5408839.5
L4430.0	504428.3	5408840.9	85379.20313	242.94	49.57	48.832530	-86.939658	56077.09	56283.5	-33.53	56043.56	56061.05859	56040.13637	56054.05469	504428.3	5408840.9
L4430.0	504428.3	5408842.1	85379.29688	239.47	49.57	48.832541	-86.939658	56075.40	56283.5	-33.54	56041.86	56059.29688	56039.00664	56052.92188	504428.3	5408842.1
L4430.0	504428.3	5408843.6	85379.39844	240.86	49.54	48.832554	-86.939658	56073.34	56283.5	-33.55	56039.80	56057.17578	56037.89256	56051.80469	504428.3	5408843.6
L4430.0	504428.3	5408845.0	85379.50000	240.04	49.18	48.832567	-86.939658	56071.07	56283.6	-33.56	56037.51	56054.81641	56036.78585	56050.69141	504428.3	5408845.0
L4430.0	504428.3	5408846.0	85379.60156	239.23	49.18	48.832576	-86.939658	56069.35	56283.6	-33.56	56035.79	56053.02344	56035.63360	56049.53516	504428.3	5408846.0
L4430.0	504428.3	5408847.2	85379.70313	239.71	48.69	48.832586	-86.939658	56066.92	56283.6	-33.57	56033.35	56050.50781	56034.52229	56048.41406	504428.3	5408847.2
L4430.0	504428.3	5408848.6	85379.79688	240.00	43.62	48.832599	-86.939658	56063.89	56283.6	-33.58	56030.31	56047.38672	56033.44443	56047.32031	504428.3	5408848.6
L4430.0	504428.3	5408849.8	85379.89844	237.92	39.93	48.832610	-86.939658	56062.01	56283.6	-33.59	56028.42	56045.41406	56032.28394	56046.14844	504428.3	5408849.8
L4430.0	504428.3	5408851.3	85380.00000	238.58	39.93	48.832623	-86.939658	56059.89	56283.6	-33.60	56026.29	56043.19531	56031.13409	56044.98047	504428.3	5408851.3
L4430.0	504428.3	5408852.5	85380.10156	240.91	41.49	48.832634	-86.939658	56057.21	56283.6	-33.60	56023.61	56040.42188	56030.01624	56043.84375	504428.3	5408852.5
L4430.0	504428.3	5408852.5	85380.20313	241.21	40.59	48.832634	-86.939658	56054.02	56283.6	-33.60	56020.42	56037.13672	56028.92845	56042.73438	504428.3	5408852.5
L4430.0	504428.3	5408854.7	85380.29688	242.69	40.59	48.832654	-86.939658	56052.60	56283.6	-33.60	56019.00	56035.61719	56027.71951	56041.50000	504428.3	5408854.7
L4430.0	504428.3	5408856.2	85380.39844	243.34	38.3	48.832667	-86.939658	56048.61	56283.6	-33.60	56015.00	56031.51172	56026.68025	56040.43359	504428.3	5408856.2
L4430.0	504428.3	5408856.2	85380.50000	243.81	38.38	48.832667	-86.939658	56046.33	56283.6	-33.61	56012.73	56029.13672	56025.52425	56039.25000	504428.3	5408856.2
L4430.0	504428.3	5408857.6	85380.60156	242.48	38.38	48.832680	-86.939658	56042.92	56283.6	-33.61	56009.31	56025.60156	56024.44447	56038.13672	504428.3	5408857.6
L4430.0	504428.3	5408857.6	85380.60156	242.48	41.78	48.832680	-86.939658	56040.44	56283.6	-33.61	56006.83	56023.00391	56023.30260	56036.96094	504428.3	5408857.6
L4430.0	504428.3	5408860.8	85380.79688	242.45	41.78	48.832708	-86.939658	56036.79	56283.6	-33.61	56003.18	56019.23438	56022.24040	56035.86328	504428.3	5408860.8
L4430.0	504428.3	5408860.8	85380.89844	243.05	43.07	48.832708	-86.939658	56033.88	56283.6	-33.61	56000.27	56016.19922	56021.13166	56034.71484	504428.3	5408860.8
L4430.0	504428.3	5408862.3	85381.00000	242.51	38.91	48.832721	-86.939658	56030.02	56283.6	-33.61	55996.41	56012.21094	56020.09028	56033.63281	504428.3	5408862.3
L4430.0	504428.3	5408863.7	85381.10156	242.94	38.41	48.832734	-86.939658	56026.88	56283.6	-33.61	55993.27	56008.93750	56019.00618	56032.50391	504428.3	5408863.7
L4430.0	504428.3	5408865.2	85381.20313	243.81	38.41	48.832748	-86.939658	56023.79	56283.6	-33.62	55990.18	56005.71094	56017.92537	56031.37891	504428.3	5408865.2
L4430.0	504428.3	5408866.4	85381.29688	243.43	40.36	48.832758	-86.939658	56019.24	56283.6	-33.62	55985.62	56001.00781	56016.95057	56030.35156	504428.3	5408866.4
L4430.0	504428.3	5408867.3	85381.39844	241.94	40.36	48.832767	-86.939658	56015.57	56283.6	-33.62	55981.95	55997.19531	56015.92590	56029.27734	504428.3	5408867.3
L4430.0	504428.3	5408868.8	85381.50000	240.73	44.22	48.832780	-86.939658	56012.26	56283.6	-33.63	55978.63	55993.72266	56014.88887	56028.18359	504428.3	5408868.8
L4430.0	504428.3	5408868.8	85381.60156	239.50	44.22	48.832780	-86.939658	56007.50	56283.6	-33.63	55973.88	55988.82031	56013.95973	56027.19922	504428.3	5408868.8
L4430.0	504428.3	5408871.8	85381.70313	241.07	44.12	48.832807	-86.939658	56003.48	56283.6	-33.63	55969.85	55984.63281	56012.99675	56026.17578	504428.3	5408871.8
L4430.0	504428.3	5408871.8	85381.79688	241.88	44.04	48.832807	-86.939658	56000.02	56283.6	-33.63	55966.39	55981.01172	56012.01162	56025.12891	504428.3	5408871.8
L4430.0	504428.3	5408873.4	85381.89844	241.17	43.53	48.832822	-86.939658	55995.16	56283.6	-33.64	55961.52	55975.97656	56011.13806	56024.19141	504428.3	5408873.4
L4430.0	504428.3	5408874.9	85382.00000	242.15	43.53	48.832835	-86.939658	55990.91	56283.6	-33.64	55957.27	55971.55469	56010.24252	56023.22656	504428.3	5408874.9
L4430.0	504428.3	5408876.4	85382.10156	242.64	40.5	48.832848	-86.939658	55986.79	56283.6	-33.65	55953.14	55967.25000	56009.36014	56022.27344	504428.3	5408876.4
L4430.0	504428.3	5408876.4	85382.20313	243.70	42.73	48.832848	-86.939658	55982.21	56283.7	-33.65	55948.55	55962.48438	56008.53146	56021.37500	504428.3	5408876.4
L4430.0	504428.3	5408877.9	85382.29688	243.77	42.73	48.832862	-86.939658	55977.86	56283.7	-33.66	55944.20	55957.95313	56007.71168	56020.48047	504428.3	5408877.9
L4430.0	504428.3	5408878.9	85382.39844	244.46	36.63	48.832871	-86.939658	55973.05	56283.7	-33.67	55939.38	55952.94531	56006.95007	56019.64063	504428.3	5408878.9
L4430.0	504428.3	5408880.1	85382.50000	245.87	41.15	48.832882	-86.939658	55967.92	56283.7	-33.67	55934.24	55947.61719	56006.23857	56018.84766	504428.3	5408880.1
L4430.0	504428.3	5408881.8	85382.60156	245.34	38.59	48.832897	-86.939658	55963.08	56283.7	-33.68	55929.40	55942.58594	56005.53780	56018.06641	504428.3	5408881.8
L4430.0	504428.3	5408883.5	85382.60156	245.34	38.59	48.832912	-86.939658	55959.06	56283.7	-33.68	55925.38	55938.36719	56004.81508	56017.25781	504428.3	5408883.5
L4430.0	504428.3	5408883.5	85382.79688	244.68	38.77	48.832912	-86.939658	55953.93	56283.7	-33.70	55920.23	55933.01953	56004.20237	56016.55859	504428.3	5408883.5
L4430.0	504428.3	5408884.9	85382.89844	244.75	39.55	48.832925	-86.939658	55949.02	56283.7	-33.70	55915.32	55927.90234	56003.61032	56015.87500	504428.3	5408884.9
L4430.0	504428.3	5408886.7	85383.00000	244.42	39.55	48.832941	-86.939658	55944.80	56283.7	-33.71	55911.09	55923.46484	56003.01156	56015.18359	504428.3	5408886.7
L4430.0	504428.3	5408887.4	85383.10156	244.69	43.29	48.832947	-86.939658	55939.34	56283.7	-33.72	55905.62	55917.78516	56002.53605	56014.61328	504428.3	5408887.4

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4430.0	504428.3	5408888.9	85383.20313	243.37	42.44	48.832961	-86.939657	55934.45	56283.7	-33.72	55900.73	55912.67969	56002.06436	56014.04297	504428.3	5408888.9
L4430.0	504428.4	5408890.3	85383.29688	242.30	42.44	48.832974	-86.939657	55930.48	56283.7	-33.73	55896.75	55908.48438	56001.57639	56013.45703	504428.4	5408890.3
L4430.0	504428.4	5408891.7	85383.39844	242.00	43.16	48.832987	-86.939657	55926.34	56283.7	-33.74	55892.60	55904.11328	56001.14599	56012.92578	504428.4	5408891.7
L4430.0	504428.4	5408891.7	85383.50000	242.40	43.64	48.832987	-86.939657	55921.55	56283.7	-33.74	55887.81	55899.09766	56000.80629	56012.48047	504428.4	5408891.7
L4430.0	504428.4	5408893.2	85383.60156	240.09	43.64	48.833000	-86.939657	55917.61	56283.8	-33.75	55883.86	55894.92188	56000.46035	56012.02734	504428.4	5408893.2
L4430.0	504428.4	5408894.9	85383.70313	238.53	43.7	48.833015	-86.939657	55913.20	56283.8	-33.76	55879.44	55890.26953	56000.19719	56011.65625	504428.4	5408894.9
L4430.0	504428.4	5408896.3	85383.79688	238.86	42.48	48.833028	-86.939657	55909.82	56283.8	-33.77	55876.05	55886.64844	55999.91841	56011.26953	504428.4	5408896.3
L4430.0	504428.4	5408897.6	85383.89844	239.87	42.48	48.833039	-86.939657	55905.44	56283.8	-33.77	55871.67	55882.03125	55999.76018	56010.99609	504428.4	5408897.6
L4430.0	504428.4	5408898.7	85384.00000	240.15	40.89	48.833050	-86.939657	55902.50	56283.8	-33.78	55868.72	55878.83984	55999.56258	56010.68359	504428.4	5408898.7
L4430.0	504428.4	5408899.9	85384.10156	240.43	43.27	48.833061	-86.939656	55899.62	56283.8	-33.78	55865.84	55875.71875	55999.41763	56010.42188	504428.4	5408899.9
L4430.0	504428.4	5408899.9	85384.20313	240.83	43.1	48.833061	-86.939656	55896.54	56283.8	-33.78	55862.75	55872.38281	55999.34518	56010.23047	504428.4	5408899.9
L4430.0	504428.4	5408901.6	85384.29688	241.77	43.1	48.833076	-86.939656	55894.62	56283.8	-33.78	55860.83	55870.21875	55999.25436	56010.01953	504428.4	5408901.6
L4430.0	504428.4	5408902.6	85384.39844	241.49	39.21	48.833085	-86.939656	55892.04	56283.8	-33.78	55858.25	55867.38672	55999.26814	56009.91016	504428.4	5408902.6
L4430.0	504428.4	5408903.8	85384.50000	242.16	43.07	48.833095	-86.939656	55890.89	56283.8	-33.79	55857.11	55865.99609	55999.24740	56009.76563	504428.4	5408903.8
L4430.0	504428.4	5408905.0	85384.60156	243.05	43.07	48.833107	-86.939656	55888.44	56283.8	-33.79	55854.65	55863.28125	55999.37684	56009.76563	504428.4	5408905.0
L4430.0	504428.5	5408906.5	85384.60156	243.05	41.72	48.833120	-86.939656	55887.53	56283.8	-33.79	55853.75	55862.12500	55999.46509	56009.72656	504428.5	5408906.5
L4430.0	504428.5	5408908.0	85384.79688	243.41	43.63	48.833133	-86.939656	55887.15	56283.8	-33.79	55853.36	55861.47656	55999.58258	56009.71484	504428.5	5408908.0
L4430.0	504428.5	5408909.4	85384.89844	242.08	43.39	48.833146	-86.939656	55887.23	56283.8	-33.79	55853.44	55861.29297	55999.73231	56009.73047	504428.5	5408909.4
L4430.0	504428.5	5408910.4	85385.00000	242.62	39.75	48.833155	-86.939655	55887.38	56283.8	-33.79	55853.59	55861.17969	55999.94111	56009.80469	504428.5	5408910.4
L4430.0	504428.5	5408911.7	85385.10156	242.87	39.75	48.833166	-86.939655	55887.86	56283.8	-33.80	55854.06	55861.38672	56000.19235	56009.92188	504428.5	5408911.7
L4430.0	504428.5	5408913.3	85385.20313	239.73	41.82	48.833181	-86.939655	55888.72	56283.8	-33.80	55854.91	55861.96875	56000.48192	56010.07422	504428.5	5408913.3
L4430.0	504428.5	5408913.3	85385.29688	239.97	43.06	48.833181	-86.939655	55890.14	56283.8	-33.81	55856.33	55863.12109	56000.79687	56010.25391	504428.5	5408913.3
L4430.0	504428.5	5408914.8	85385.39844	239.66	43.06	48.833194	-86.939655	55892.23	56283.8	-33.82	55858.42	55864.94141	56001.13015	56010.44531	504428.5	5408914.8
L4430.0	504428.5	5408915.8	85385.50000	241.05	43.22	48.833203	-86.939655	55894.79	56283.8	-33.83	55860.96	55867.21094	56001.49586	56010.67188	504428.5	5408915.8
L4430.0	504428.5	5408917.2	85385.60156	239.29	43.24	48.833216	-86.939655	55896.89	56283.8	-33.83	55863.06	55869.03906	56001.95266	56010.98438	504428.5	5408917.2
L4430.0	504428.5	5408918.5	85385.70313	239.50	43.25	48.833227	-86.939655	55900.02	56283.8	-33.84	55866.18	55871.88672	56002.40240	56011.29297	504428.5	5408918.5
L4430.0	504428.5	5408920.1	85385.79688	236.95	40.81	48.833242	-86.939655	55903.49	56283.8	-33.85	55869.65	55875.08203	56002.88877	56011.63281	504428.5	5408920.1
L4430.0	504428.5	5408921.6	85385.89844	236.86	40.81	48.833255	-86.939655	55907.48	56283.9	-33.85	55873.63	55878.78516	56003.40005	56012.00000	504428.5	5408921.6
L4430.0	504428.5	5408921.6	85386.00000	237.37	40.81	48.833255	-86.939655	55910.47	56283.9	-33.86	55876.61	55881.48828	56004.03569	56012.48828	504428.5	5408921.6
L4430.0	504428.5	5408923.0	85386.10156	239.41	36.73	48.833268	-86.939655	55915.02	56283.9	-33.86	55881.17	55885.76953	56004.62238	56012.92578	504428.5	5408923.0
L4430.0	504428.5	5408924.4	85386.20313	239.47	42.04	48.833281	-86.939655	55919.91	56283.9	-33.86	55886.05	55890.37500	56005.24269	56013.39844	504428.5	5408924.4
L4430.0	504428.5	5408925.9	85386.29688	240.58	43.31	48.833294	-86.939654	55925.09	56283.9	-33.85	55891.24	55895.28516	56005.89576	56013.89844	504428.5	5408925.9
L4430.0	504428.5	5408925.9	85386.39844	238.69	43.3	48.833294	-86.939654	55928.96	56283.9	-33.85	55895.11	55898.87500	56006.68865	56014.54297	504428.5	5408925.9
L4430.0	504428.5	5408928.8	85386.50000	240.40	42.71	48.833320	-86.939654	55933.97	56283.8	-33.85	55900.12	55903.60547	56007.45564	56015.15625	504428.5	5408928.8
L4430.0	504428.5	5408928.8	85386.60156	240.38	42.71	48.833320	-86.939654	55939.66	56283.8	-33.85	55905.82	55909.02734	56008.22496	56015.77344	504428.5	5408928.8
L4430.0	504428.5	5408930.5	85386.60156	240.38	40.42	48.833335	-86.939654	55945.88	56283.8	-33.85	55912.04	55914.96484	56009.00610	56016.40234	504428.5	5408930.5
L4430.0	504428.5	5408930.5	85386.79688	240.08	39.41	48.833335	-86.939654	55950.87	56283.8	-33.84	55917.02	55919.66797	56009.91446	56017.16016	504428.5	5408930.5
L4430.0	504428.5	5408933.2	85386.89844	240.82	39.41	48.833360	-86.939654	55956.23	56283.8	-33.84	55922.39	55924.75781	56010.83943	56017.92969	504428.5	5408933.2
L4430.0	504428.5	5408933.2	85387.00000	240.34	42.77	48.833360	-86.939654	55961.85	56283.8	-33.84	55928.01	55930.09766	56011.78833	56018.72266	504428.5	5408933.2
L4430.0	504428.5	5408934.7	85387.10156	241.14	35.59	48.833373	-86.939654	55968.42	56283.8	-33.85	55934.58	55936.38672	56012.71245	56019.49219	504428.5	5408934.7
L4430.0	504428.5	5408936.1	85387.20313	241.96	35.59	48.833386	-86.939654	55972.92	56283.9	-33.85	55939.07	55940.59766	56013.81172	56020.43750	504428.5	5408936.1
L4430.0	504428.5	5408937.6	85387.29688	241.15	37.05	48.833399	-86.939654	55978.64	56283.9	-33.86	55944.78	55946.03125	56014.86406	56021.33203	504428.5	5408937.6
L4430.0	504428.5	5408939.2	85387.39844	241.86	39.55	48.833414	-86.939654	55985.52	56283.9	-33.87	55951.65	55952.62109	56015.87137	56022.18750	504428.5	5408939.2
L4430.0	504428.5	5408940.2	85387.50000	241.64	39.55	48.833423	-86.939654	55989.97	56283.9	-33.88	55956.10	55956.79297	56017.07021	56023.23047	504428.5	5408940.2
L4430.0	504428.5	5408940.2	85387.60156	241.17	43.28	48.833423	-86.939654	55995.69	56283.9	-33.88	55961.81	55962.22656	56018.21316	56024.21484	504428.5	5408940.2
L4430.0	504428.5	5408941.6	85387.70313	242.52	43.37	48.833436	-86.939655	56002.22	56283.9	-33.89	55968.33	55968.47266	56019.32811	56025.17578	504428.5	5408941.6
L4430.0	504428.5	5408943.1	85387.79688	243.81	43.37	48.833449	-86.939655	56006.82	56283.9	-33.90	55972.92	55972.78516	56020.59568	56026.28516	504428.5	5408943.1
L4430.0	504428.5	5408944.6	85387.89844	246.10	42.57	48.833462	-86.939655	56012.08	56283.9	-33.90	55978.17	55977.76172	56021.84115	56027.37500	504428.5	5408944.6
L4430.0	504428.5	5408946.3	85388.00000	245.53	40.77	48.833477	-86.939655	56018.23	56283.9	-33.91	55984.32	55983.64063	56023.04649	56028.42578	504428.5	5408946.3
L4430.0	504428.5	5408946.3	85388.10156	245.83	35.56	48.833477	-86.939655	56022.98	56283.9	-33.92	55989.06	55988.10938	56024.36373	56029.58594	504428.5	5408946.3
L4430.0	504428.5	5408947.7	85388.20313	244.74	35.56	48.833490	-86.939655	56028.72	56283.9	-33.92	55994.80	55993.57813	56025.63026	56030.69922	504428.5	5408947.7
L4430.0	504428.5	5408949.2	85388.29688	244.25	39.76	48.833503	-86.939655	56032.82	56283.9	-33.93	55998.89	55997.40234	56027.02084	56031.93359	504428.5	5408949.2
L4430.0	504428.5	5408950.6	85388.39844	243.04	36.28	48.833517	-86.939655	56038.21	56283.9	-33.94	56004.28	56002.52344	56028.33694	56033.09766	504428.5	5408950.6
L4430.0	504428.5	5408951.9	85388.50000	242.22	36.28	48.833528	-86.939655	56042.96	56283.9	-33.95	56009.02	56007.00000	56029.70676	56034.31250	504428.5	5408951.9
L4430.0	504428.5	5408953.3	85388.60156	239.58	36.91	48.833541	-86.939655	56048.10	56284	-33.95	56014.15	56011.86328	56031.05922	56035.51172	504428.5	5408953.3
L4430.0	504428.5	5408954.6	85388.60156	239.58	38.66	48.833552	-86.939655	56051.72	56284	-33.95	56017.77	56015.22266	56032.51929	56036.81641	504428.5	5408954.6
L4430.0	504428.5	5408956.0	85388.79688	239.91	40	48.833565	-86.939655	56056.55	56284	-33.97	56022.58	56019.77344	56033.90533	56038.05078	504428.5	5408956.0
L4430.0	504428.5	5408956.0	85388.89844	240.45	40	48.833565	-86.939655	56061.64	56284	-33.97	56027.67	56024.60547	56035.27643	56039.26953	504428.5	5408956.0
L4430.0	504428.4	5408957.6	85389.00000	241.99	41.24	48.833579	-86.939655	56066.21	56284	-33.98	56032.23	56028.90625	56036.68507	56040.52734	504428.4	5408957.6
L4430.0	504428.4	5408959.0	85389.10156	241.77	44.35	48.833591	-86.939655	56069.44	56284	-33.99	56035.45	56031.87500	56038.18379	56041.87891	504428.4	5408959.0
L4430.0	504428.4	5408960.5	85389.20313	241.75	44.35	48.833605	-86.939655	56074.08	56284	-33.99	56040.08	56036.25000	56039.58787	56043.13281	504428.4	5408960.5
L4430.0	504428.4	5408960.5	85389.29688	241.80	42.45	48.833605	-86.939655	56077.75	56284	-34.00	56043.74	56039.66016	56041.05465	56044.44922	504428.4	5408960.5
L4430.0	504428.4	5408962.1	85389.39844	241.98	41.41	48.833620	-86.939656	56081.88	56284	-34.01	56047.87	56043.54297	56042.48686	56045.73438	504428.4	5408962.1
L4430.0	504428.4	5408963.3	85389.50000	241.19	41.41	48.833631	-86.939656	56085.38	56284	-34.01	56051.37	56046.80078	56043.95663	56047.05859	504428.4	5408963.3
L4430.0	504428.4	5408964.9	85389.60156	241.47	40.7	48.833645	-86.939655	56089.78	56284	-34.02	56055.76	56050.94531	56045.36148	56048.31641	504428.4	5408964.9
L4430.0	504428.4	5408966.3	85389.70313	242.18	37.54	48.833657	-86.939655	56092.52	56284	-34.03	56058.49	56053.43750	56046.87033	56049.67969	504428.4	5408966.3
L4430.0	504428.4	5408966.3	85389.79688	243.31	39.71	48.833657	-86.939655	56096.39	56284	-34.04	56062.35	56057.05859	56048.29618	56050.96484	504428.4	5408966.3
L4430.0	504428.4	5408967.8	85389.89844	242.11	39.71	48.833671	-86.939655	56099.38	56284	-34.04	56065.33	56059.80469	56049.77205	56052.29688	504428.4	5408967.8
L4430.0	504428.5	5408969.4	85390.00000	241.34	44.65	48.833685	-86.939655	56103.24	56284.1	-34.05	56069.19	56063.42969	56051.17972	56053.56250	504428.5	5408969.4
L4430.0	504428.5	5408969.4	85390.10156	240.08	44.65	48.833685	-86.939655	56105.75	56284.1	-34.06	56071.69	56065.69922	56052.66767	56054.91016	504428.5	5408969.4
L4430.0	504428.5	5408971.6	85390.20313	239.74	44.58	48.833705	-86.939655	56109.02	56284.1	-34.06	56074.96	56068.74219	56054.09312	56056.19922	504428.5	5408971.6
L4430.0	504428.5	5408973.0	85390.29688	240.13	41.84	48.833718	-86.939655	56111.82	56284.1	-34.07	56077.75	56071.30859	56055.53868	56057.50781	504428.5	5408973.0
L4430.0	504428.5	5408974.8	85390.39844	240.76	41.84	48.833734	-86.939655	56114.88	56284.1	-34.07	56080.81	56074.14453	56056.95365	56058.78516	504428.5	5408974.8
L4430.0	504428.5	5408975.7	85390.50000	240.67	41.83	48.833742	-86.939655	56118.06	56284.1	-34.07	56083.98	56077.09766	56058.34809	56060.04688	504428.5	5408975.7
L4430.0	504428.5	5408975.7	85390.60156	241.48	44.06	48.833742	-86.939655	56120.70	56284.1	-34.08	56086.62	56079.51953	56059.76407	56061.32813	504428.5	5408975.7
L4430.0	504428.5	5408977.4	85390.60156	241.48	40.43	48.833758	-86.939654	56123.25	56284.1	-34.08	56089.17	56081.85938	56061.17173	56062.60547	504428.5	5408977.4
L4430.0	504428.5	5408978.9	85390.79688	244.87	40.09	48.833771	-86.939654	56125.93	56284.1	-34.09	56091.84	56084.31641	56062.55658	56063.85938	504428.5	5408978.9
L4430.0	504428.5	5408980.1	85390.89844	242.35	40.09	48.833782	-86.939654	56128.72	56284.1	-34.10	56094.62	56086.89063	56063.91885	56065.09375	504428.5	5408980.1
L4430.0	504428.5	5408981.6	85391.00000	245.70	42.36	48.833795	-86.939654	56130.56	56284.1	-34.10	56096.46	56088.52734	56065.32814	56066.37500	504428.5	5408981.6
L4430.0	504428.6	5408982.8	85391.10156	244.76	42.36	48.833806	-86.939654	56133.18	56284.1	-34.11	56099.07	56090.93359	56066.67008	56067.58984	504428.6	5408982.8
L4430.0	504428.6	5408984.1	85391.20313	244.66	44.56	48.833817	-86.939653	56135.41	56284.1	-34.11	56101.30	56092.96875	56068.02102	56068.81641	504428.6	5408984.1
L4430.0	504428.6	5408985.3	85391.29688	242.57	44.2	48.833828	-86.939653	56138.20	56284.1	-34.12	56104.08	56095.55078	56069.31868	56069.99219	504428.6	5408985.3
L4430.0	504428.6	5408985.3	85391.39844	241.97	43.6	48.833828	-86.939653	56139.87	56284.1	-34.12	56105.75	56097.03125	56070.67345	56071.22656	504428.6	5408985.3
L4430.0	504428.6	5408987.2	85391.50000	241.39	43.6	48.833846	-86.939653	56142.20	56284.1	-34.13	56108.06	56099.15234	56071.96846	56072.40234	504428.6	5408987.2
L4430.0	504428.6	5408988.7	85391.60156	243.15	42.84	48.833859	-86.939653	56144.48	56284.1	-34.14	56110.34	56101.24609	56073.24819	56073.56641	504428.6	5408988.7
L4430.0	504428.6	5408989.9	85391.70313	244.24	37.52	48.833870	-86.939653	56146.50	56284.1	-34.14	56112.36	56103.08203	56074.52780	56074.73047	504428.6	5408989.9
L4430.0	504428.6	5408991.4	85391.79688	245.68	44.95	48.833884	-86.939653	56148.12	56284.1	-34.15	56113.97	56104.51172	56075.81716	56075.90625	504428.6	5408991.4
L4430.0	504428.6	5408991.4	85391.89844	244.75	43.87	48.833884	-86.939653	56149.61	56284.2	-34.15	56115.45	56105.81641	56077.09751	56077.07422	504428.6	5408991.4
L4430.0	504428.6	5408993.8	85392.00000	244.42	43.87	48.833905	-86.939652	56151.96	56284.2	-34.16	56117.80	56107.99219	56078.30208	56078.16797	504428.6	5408993.8
L4430.0	504428.6	5408995.0	85392.10156	243.05	42.26	48.833916	-86.939652	56154.21	56284.2	-34.17	56120.05	56110.07422	56079.49549	56079.25391	504428.6	5408995.0
L4430.0	504428.6	5408995.0	85392.20313	243.19	41.32	48.833916	-86.939652	56155.66	56284.2	-34.17	56121.49	56111.34766	56080.72503	56080.37500	504428.6	5408995.0
L4430.0	504428.7	5408996.8	85392.29688	243.25	41.32	48.833932	-86.939652	56157.50	56284.2	-34.18	56123.33	56113.02344	56081.91001	56081.45313	504428.7	5408996.8
L4430.0	504428.7	5408998.2	85392.39844	243.59	39.96	48.833945	-86.939652	56158.91	56284.2	-34.18	56124.73	56114.26172	56083.10643	56082.54688	504428.7	5408998.2

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4430.0	504428.7	5408999.0	85392.50000	242.47	44.28	48.833952	-86.939652	56160.36	56284.2	-34.19	56126.17	56115.54297	56084.28232	56083.62109	504428.7	5408999.0
L4430.0	504428.7	5409000.5	85392.60156	242.47	44.28	48.833965	-86.939652	56162.31	56284.2	-34.20	56128.11	56117.33203	56085.40702	56084.64844	504428.7	5409000.5
L4430.0	504428.7	5409002.0	85392.60156	242.47	43.93	48.833979	-86.939652	56164.03	56284.2	-34.20	56129.83	56118.89844	56086.52861	56085.67188	504428.7	5409002.0
L4430.0	504428.7	5409003.4	85392.79688	239.42	44.35	48.833991	-86.939652	56165.39	56284.2	-34.21	56131.18	56120.10156	56087.65712	56086.70313	504428.7	5409003.4
L4430.0	504428.7	5409003.4	85392.89844	239.75	45.38	48.833991	-86.939652	56167.16	56284.2	-34.21	56132.95	56121.72656	56088.73998	56087.69141	504428.7	5409003.4
L4430.0	504428.7	5409005.1	85393.00000	241.79	45.38	48.834007	-86.939652	56168.96	56284.2	-34.22	56134.74	56123.37500	56089.80393	56088.66406	504428.7	5409005.1
L4430.0	504428.7	5409006.8	85393.10156	242.23	44.91	48.834022	-86.939652	56169.42	56284.2	-34.22	56135.19	56123.68359	56090.93974	56089.71094	504428.7	5409006.8
L4430.0	504428.7	5409007.9	85393.20313	243.07	44.91	48.834031	-86.939652	56171.16	56284.2	-34.23	56136.93	56125.28906	56091.97218	56090.65625	504428.7	5409007.9
L4430.0	504428.7	5409009.3	85393.29688	243.59	42.56	48.834044	-86.939652	56173.02	56284.2	-34.24	56138.78	56127.00781	56092.98002	56091.57813	504428.7	5409009.3
L4430.0	504428.7	5409010.5	85393.39844	242.82	45.61	48.834055	-86.939652	56173.66	56284.2	-34.24	56139.42	56127.51563	56094.05140	56092.56250	504428.7	5409010.5
L4430.0	504428.6	5409011.7	85393.50000	245.33	43.48	48.834066	-86.939652	56175.24	56284.2	-34.24	56140.99	56128.96094	56095.04378	56093.47266	504428.6	5409011.7
L4430.0	504428.6	5409011.7	85393.60156	246.62	42.88	48.834066	-86.939652	56177.00	56284.3	-34.25	56142.75	56130.59375	56096.00662	56094.35547	504428.6	5409011.7
L4430.0	504428.6	5409013.2	85393.70313	246.24	42.88	48.834079	-86.939652	56177.03	56284.3	-34.25	56142.77	56130.49609	56097.06873	56095.33984	504428.6	5409013.2
L4430.0	504428.6	5409014.6	85393.79688	246.53	46.06	48.834092	-86.939652	56179.20	56284.3	-34.26	56144.94	56132.54688	56097.97093	56096.16406	504428.6	5409014.6
L4430.0	504428.6	5409016.1	85393.89844	243.85	46.06	48.834105	-86.939652	56179.98	56284.3	-34.26	56145.72	56133.21094	56098.94936	56097.06641	504428.6	5409016.1
L4430.0	504428.6	5409017.5	85394.00000	241.90	43.95	48.834118	-86.939652	56180.70	56284.3	-34.27	56146.43	56133.80859	56099.91618	56097.96094	504428.6	5409017.5
L4430.0	504428.6	5409019.0	85394.10156	241.19	44.59	48.834131	-86.939652	56182.16	56284.3	-34.28	56147.88	56135.14844	56100.81754	56098.78906	504428.6	5409019.0
L4430.0	504428.6	5409019.0	85394.20313	240.91	41.24	48.834131	-86.939652	56183.96	56284.3	-34.29	56149.68	56136.84375	56101.67961	56099.58203	504428.6	5409019.0
L4430.0	504428.6	5409021.6	85394.29688	241.86	41.24	48.834155	-86.939652	56184.56	56284.3	-34.29	56150.27	56137.32813	56102.60654	56100.44141	504428.6	5409021.6
L4430.0	504428.6	5409021.6	85394.39844	241.50	39.45	48.834155	-86.939652	56184.99	56284.3	-34.30	56150.69	56137.64844	56103.52915	56101.29688	504428.6	5409021.6
L4430.0	504428.6	5409022.9	85394.50000	239.49	39.62	48.834167	-86.939652	56186.90	56284.3	-34.31	56152.59	56139.44922	56104.33761	56102.04297	504428.6	5409022.9
L4430.0	504428.6	5409024.3	85394.60156	239.18	39.62	48.834180	-86.939652	56187.63	56284.3	-34.32	56153.31	56140.07422	56105.20942	56102.85156	504428.6	5409024.3
L4430.0	504428.6	5409025.8	85394.60156	239.18	38.65	48.834193	-86.939652	56188.17	56284.3	-34.32	56153.85	56140.52344	56106.07805	56103.66016	504428.6	5409025.8
L4430.0	504428.6	5409027.3	85394.79688	238.95	39.97	48.834206	-86.939652	56189.57	56284.3	-34.33	56155.23	56141.81250	56106.87568	56104.39844	504428.6	5409027.3
L4430.0	504428.6	5409027.3	85394.89844	239.08	37.97	48.834206	-86.939652	56190.21	56284.3	-34.34	56155.87	56142.36719	56107.70778	56105.17578	504428.6	5409027.3
L4430.0	504428.6	5409029.7	85395.00000	240.33	37.97	48.834228	-86.939652	56191.55	56284.3	-34.35	56157.20	56143.60938	56108.47919	56105.89063	504428.6	5409029.7
L4430.0	504428.6	5409029.7	85395.10156	240.53	41.62	48.834228	-86.939652	56192.07	56284.4	-34.36	56157.71	56144.03906	56109.29070	56106.64844	504428.6	5409029.7
L4430.0	504428.6	5409031.4	85395.20313	238.88	41.08	48.834243	-86.939652	56192.74	56284.4	-34.36	56158.38	56144.62891	56110.07715	56107.38281	504428.6	5409031.4
L4430.0	504428.6	5409032.6	85395.29688	239.64	41.08	48.834254	-86.939652	56193.62	56284.4	-34.37	56159.25	56145.42188	56110.83601	56108.09375	504428.6	5409032.6
L4430.0	504428.6	5409034.3	85395.39844	239.62	43.94	48.834269	-86.939652	56195.35	56284.4	-34.38	56160.97	56147.06641	56111.52408	56108.73438	504428.6	5409034.3
L4430.0	504428.6	5409034.3	85395.50000	239.91	45.46	48.834269	-86.939652	56195.45	56284.4	-34.38	56161.06	56147.08594	56112.30684	56109.46875	504428.6	5409034.3
L4430.0	504428.7	5409035.5	85395.60156	242.27	44.16	48.834280	-86.939652	56196.58	56284.4	-34.39	56162.19	56148.14453	56113.00642	56110.12500	504428.7	5409035.5
L4430.0	504428.7	5409037.0	85395.70313	242.99	41.26	48.834294	-86.939652	56197.77	56284.4	-34.40	56163.37	56149.25781	56113.68895	56110.76172	504428.7	5409037.0
L4430.0	504428.7	5409038.7	85395.79688	242.68	40.66	48.834309	-86.939652	56198.04	56284.4	-34.41	56163.63	56149.45313	56114.41922	56111.45313	504428.7	5409038.7
L4430.0	504428.7	5409039.9	85395.89844	244.74	40.66	48.834320	-86.939652	56199.62	56284.4	-34.41	56165.20	56150.96094	56115.04869	56112.04297	504428.7	5409039.9
L4430.0	504428.7	5409041.1	85396.00000	243.77	38.3	48.834330	-86.939652	56200.05	56284.4	-34.42	56165.63	56151.33203	56115.74080	56112.69531	504428.7	5409041.1
L4430.0	504428.7	5409042.5	85396.10156	244.63	36.91	48.834343	-86.939652	56201.82	56284.4	-34.42	56167.40	56153.04297	56116.33034	56113.25000	504428.7	5409042.5
L4430.0	504428.6	5409043.7	85396.20313	244.28	38.9	48.834354	-86.939652	56202.24	56284.4	-34.43	56167.81	56153.39844	56116.99741	56113.88281	504428.6	5409043.7
L4430.0	504428.6	5409043.7	85396.29688	244.25	40.51	48.834354	-86.939652	56201.89	56284.4	-34.43	56167.46	56152.99609	56117.70213	56114.55078	504428.6	5409043.7
L4430.0	504428.6	5409045.1	85396.39844	243.30	35.92	48.834366	-86.939652	56202.90	56284.4	-34.44	56168.47	56153.95703	56118.30326	56115.12109	504428.6	5409045.1
L4430.0	504428.6	5409046.7	85396.50000	244.79	35.92	48.834381	-86.939652	56204.15	56284.4	-34.44	56169.71	56155.14844	56118.87622	56115.66406	504428.6	5409046.7
L4430.0	504428.6	5409047.5	85396.60156	244.63	36.84	48.834388	-86.939652	56205.11	56284.4	-34.44	56170.66	56156.05078	56119.45579	56116.21484	504428.6	5409047.5
L4430.0	504428.6	5409049.4	85396.60156	244.63	36.84	48.834405	-86.939652	56205.99	56284.4	-34.44	56171.55	56156.89844	56120.02672	56116.75781	504428.6	5409049.4
L4430.0	504428.6	5409049.4	85396.79688	243.44	44.43	48.834405	-86.939652	56206.45	56284.5	-34.45	56171.99	56157.29688	56120.61510	56117.32422	504428.6	5409049.4
L4430.0	504428.6	5409050.8	85396.89844	243.22	45.21	48.834418	-86.939652	56207.56	56284.5	-34.46	56173.10	56158.36719	56121.14634	56117.82813	504428.6	5409050.8
L4430.0	504428.6	5409052.3	85397.00000	244.23	45.21	48.834431	-86.939652	56208.57	56284.5	-34.46	56174.11	56159.33984	56121.67186	56118.33203	504428.6	5409052.3
L4430.0	504428.6	5409054.0	85397.10156	244.19	46.11	48.834446	-86.939653	56208.46	56284.5	-34.46	56174.00	56159.19531	56122.25974	56118.89844	504428.6	5409054.0
L4430.0	504428.5	5409055.2	85397.20313	241.81	46.11	48.834457	-86.939653	56208.21	56284.5	-34.47	56173.75	56158.91016	56122.84473	56119.46484	504428.5	5409055.2
L4430.0	504428.5	5409056.7	85397.29688	240.47	45.79	48.834471	-86.939653	56209.48	56284.5	-34.47	56175.01	56160.14063	56123.31689	56119.91797	504428.5	5409056.7
L4430.0	504428.5	5409056.7	85397.39844	239.15	45.49	48.834471	-86.939653	56211.00	56284.5	-34.47	56176.52	56161.62109	56123.76031	56120.34375	504428.5	5409056.7
L4430.0	504428.5	5409058.2	85397.50000	239.73	42.64	48.834484	-86.939653	56211.40	56284.5	-34.47	56176.93	56162.00391	56124.26505	56120.83594	504428.5	5409058.2
L4430.0	504428.5	5409059.6	85397.60156	239.96	42.87	48.834497	-86.939653	56212.29	56284.5	-34.48	56177.82	56162.87109	56124.72586	56121.28125	504428.5	5409059.6
L4430.0	504428.5	5409061.3	85397.70313	241.89	42.87	48.834512	-86.939654	56212.22	56284.5	-34.48	56177.74	56162.76953	56125.23946	56121.78125	504428.5	5409061.3
L4430.0	504428.5	5409061.8	85397.79688	241.87	41.56	48.834517	-86.939654	56212.86	56284.5	-34.48	56178.38	56163.38672	56125.69325	56122.22266	504428.5	5409061.8
L4430.0	504428.5	5409063.1	85397.89844	240.04	43.54	48.834528	-86.939654	56214.02	56284.5	-34.49	56179.53	56164.51953	56126.10131	56122.62109	504428.5	5409063.1
L4430.0	504428.5	5409064.5	85398.00000	239.59	43.54	48.834541	-86.939654	56214.24	56284.5	-34.49	56179.75	56164.72266	56126.55969	56123.07422	504428.5	5409064.5
L4430.0	504428.5	5409066.2	85398.10156	241.33	43.36	48.834556	-86.939654	56214.96	56284.5	-34.50	56180.46	56165.41797	56126.97380	56123.48047	504428.5	5409066.2
L4430.0	504428.5	5409066.2	85398.20313	241.49	44.55	48.834556	-86.939654	56215.74	56284.5	-34.51	56181.23	56166.17578	56127.37236	56123.87109	504428.5	5409066.2
L4430.0	504428.5	5409067.6	85398.29688	239.80	44.55	48.834569	-86.939654	56215.95	56284.5	-34.51	56181.44	56166.37891	56127.79678	56124.29297	504428.5	5409067.6
L4430.0	504428.4	5409069.1	85398.39844	241.77	45.38	48.834582	-86.939654	56216.32	56284.5	-34.52	56181.80	56166.73047	56128.19978	56124.69141	504428.4	5409069.1
L4430.0	504428.4	5409070.6	85398.50000	241.81	43.34	48.834595	-86.939654	56216.87	56284.5	-34.53	56182.34	56167.26563	56128.57942	56125.06641	504428.4	5409070.6
L4430.0	504428.4	5409071.8	85398.60156	242.21	43.34	48.834607	-86.939654	56216.92	56284.5	-34.54	56182.38	56167.30078	56128.98110	56125.46875	504428.4	5409071.8
L4430.0	504428.4	5409073.0	85398.60156	242.21	45.61	48.834617	-86.939654	56218.11	56284.5	-34.54	56183.57	56168.48828	56129.29487	56125.78125	504428.4	5409073.0
L4430.0	504428.4	5409074.5	85398.79688	240.18	44.71	48.834631	-86.939654	56218.30	56284.6	-34.55	56183.75	56168.66797	56129.66481	56126.15625	504428.4	5409074.5
L4430.0	504428.4	5409074.5	85398.89844	240.58	44.35	48.834631	-86.939654	56218.04	56284.6	-34.56	56183.47	56168.39063	56130.05429	56126.54688	504428.4	5409074.5
L4430.0	504428.4	5409076.2	85399.00000	241.07	44.85	48.834646	-86.939654	56218.71	56284.6	-34.57	56184.14	56169.06641	56130.36938	56126.86719	504428.4	5409076.2
L4430.0	504428.4	5409077.6	85399.10156	241.37	44.85	48.834659	-86.939654	56219.76	56284.6	-34.57	56185.19	56170.12109	56130.64813	56127.14844	504428.4	5409077.6
L4430.0	504428.4	5409078.6	85399.20313	241.81	45.19	48.834667	-86.939654	56219.55	56284.6	-34.58	56184.97	56169.91016	56131.00060	56127.50781	504428.4	5409078.6
L4430.0	504428.4	5409080.0	85399.29688	240.25	35.47	48.834680	-86.939654	56219.72	56284.6	-34.58	56185.14	56170.09375	56131.31618	56127.83203	504428.4	5409080.0
L4430.0	504428.4	5409081.5	85399.39844	241.06	35.47	48.834694	-86.939654	56220.44	56284.6	-34.59	56185.85	56170.81641	56131.58492	56128.10938	504428.4	5409081.5
L4430.0	504428.5	5409082.7	85399.50000	241.34	37.2	48.834704	-86.939654	56220.44	56284.6	-34.60	56185.84	56170.82031	56131.89086	56128.42578	504428.5	5409082.7
L4430.0	504428.5	5409083.9	85399.60156	241.78	37.2	48.834715	-86.939654	56220.55	56284.6	-34.60	56185.95	56170.94922	56132.17805	56128.72266	504428.5	5409083.9
L4430.0	504428.5	5409083.9	85399.70313	240.91	39.4	48.834715	-86.939654	56221.30	56284.6	-34.61	56186.70	56171.71875	56132.41188	56128.96875	504428.5	5409083.9
L4430.0	504428.5	5409085.6	85399.79688	240.54	43.04	48.834731	-86.939654	56221.05	56284.6	-34.61	56186.44	56171.48047	56132.70237	56129.26953	504428.5	5409085.6
L4430.0	504428.5	5409087.0	85399.89844	242.58	42.2	48.834743	-86.939654	56221.92	56284.6	-34.62	56187.31	56172.37109	56132.90692	56129.48828	504428.5	5409087.0
L4430.0	504428.5	5409088.3	85400.00000	242.84	42.2	48.834755	-86.939654	56222.00	56284.6	-34.62	56187.38	56172.46875	56133.15421	56129.75391	504428.5	5409088.3
L4430.0	504428.5	5409089.9	85400.10156	242.70	43.21	48.834770	-86.939654	56222.47	56284.6	-34.63	56187.84	56172.95703	56133.36495	56129.98047	504428.5	5409089.9
L4430.0	504428.5	5409090.8	85400.20313	242.77	43.21	48.834778	-86.939654	56222.68	56284.6	-34.64	56188.05	56173.19531	56133.58182	56130.21484	504428.5	5409090.8
L4430.0	504428.5	5409092.2	85400.29688	244.06	42.73	48.834790	-86.939654	56222.54	56284.6	-34.64	56187.89	56173.06641	56133.81286	56130.46484	504428.5	5409092.2
L4430.0	504428.5	5409092.2	85400.39844	242.68	37.91	48.834790	-86.939654	56223.27	56284.7	-34.65	56188.61	56173.82031	56133.97475	56130.64453	504428.5	5409092.2
L4430.0	504428.5	5409093.7	85400.50000	242.27	40.56	48.834803	-86.939654	56222.89	56284.7	-34.66	56188.23	56173.47656	56134.19950	56130.89063	504428.5	5409093.7
L4430.0	504428.5	5409095.3	85400.60156	240.69	42.36	48.834818	-86.939654	56223.12	56284.7	-34.67	56188.45	56173.73828	56134.37379	56131.08594	504428.5	5409095.3
L4430.0	504428.5	5409095.3	85400.60156	240.69	42.36	48.834818	-86.939654	56223.92	56284.7	-34.67	56189.25	56174.57813	56134.49896	56131.23438	504428.5	5409095.3
L4430.0	504428.5	5409098.2	85400.79688	239.25	42.46	48.834844	-86.939654	56224.21	56284.7	-34.68	56189.52	56174.89063	56134.64901	56131.40625	504428.5	5409098.2
L4430.0	504428.5	5409098.2	85400.89844	238.25	42.77	48.834844	-86.939654	56223.65	56284.7	-34.69	56188.96	56174.37500	56134.84392	56131.62500	504428.5	5409098.2
L4430.0	504428.5	5409099.4	85401.00000	239.71	43.16	48.834855	-86.939654	56223.82	56284.7	-34.70	56189.12	56174.58203	56134.98037	56131.78906	504428.5	5409099.4
L4430.0	504428.5	5409100.6	85401.10156	239.72	43.16	48.834866	-86.939654	56225.02	56284.7	-34.70	56190.32	56175.83203	56135.03698	56131.87109	504428.5	5409100.6
L4430.0	504428.5	5409102.1	85401.20313	238.63	43.3	48.834879	-86.939654	56224.07	56284.7	-34.70	56189.36	56174.92578	56135.22709	56132.08984	504428.5	5409102.1
L4430.0	504428.5	5409103.1	85401.29688	238.87	39.58	48.834888	-86.939654	56224.98	56284.7	-34.71	56190.27	56175.89063	56135.28198	56132.17188	504428.5	5409103.1
L4430.0	504428.5	5409104.5	85401.39844	239.55	39.58	48.834901	-86.939654	56225.49	56284.7	-34.71	56190.78	56176.45703	56135.35297	56132.27344	504428.5	5409104.5
L4430.0	504428.5	5409105.7	85401.50000	239.80	42.12	48.834912	-86.939653	56225.02	56284.7	-34.71	56190.31	56176.04688	56135.47867	56132.42969	504428.5	5409105.7
L4430.0	504428.5	5409105.7	85401.60156	240.14	45.06	48.834912	-86.939653	56226.03	56284.7	-34.71	56191.32	56177.11719	56135.49505	56132.47656	504428.5	5409105.7
L4430.0	504428.5	5409108.6	85401.70313	242.63	44.99	48.834938	-86.939653	56225.80	56284.7	-34.71	56191.08	56176.94141	56135.58406	56132.60156	504428.5	5409108.6

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4430.0	504428.5	5409109.8	85401.79688	243.18	44.99	48.834948	-86.939653	56224.73	56284.7	-34.72	56190.01	56175.93750	56135.71763	56132.76563	504428.5	5409109.8
L4430.0	504428.5	5409111.0	85401.89844	243.04	45.37	48.834959	-86.939653	56226.11	56284.7	-34.72	56191.39	56177.38281	56135.67705	56132.76172	504428.5	5409111.0
L4430.0	504428.5	5409111.0	85402.00000	242.00	45.37	48.834959	-86.939653	56226.41	56284.7	-34.72	56191.69	56177.75391	56135.69759	56132.81641	504428.5	5409111.0
L4430.0	504428.5	5409112.5	85402.10156	242.79	44.34	48.834973	-86.939653	56226.82	56284.7	-34.73	56192.09	56178.22656	56135.70051	56132.85547	504428.5	5409112.5
L4430.0	504428.5	5409114.2	85402.20313	240.91	44.34	48.834988	-86.939653	56226.99	56284.7	-34.74	56192.25	56178.46094	56135.70841	56132.90234	504428.5	5409114.2
L4430.0	504428.5	5409115.6	85402.29688	241.83	41.76	48.835001	-86.939653	56227.23	56284.8	-34.76	56192.48	56178.76953	56135.70055	56132.92969	504428.5	5409115.6
L4430.0	504428.5	5409115.6	85402.39844	241.43	39.46	48.835001	-86.939653	56227.52	56284.8	-34.77	56192.76	56179.12891	56135.67818	56132.94922	504428.5	5409115.6
L4430.0	504428.5	5409116.9	85402.50000	241.04	45	48.835012	-86.939653	56226.84	56284.8	-34.78	56192.06	56178.50781	56135.70991	56133.01953	504428.5	5409116.9
L4430.0	504428.5	5409118.5	85402.60156	240.60	45	48.835027	-86.939653	56227.69	56284.8	-34.79	56192.90	56179.43359	56135.62764	56132.97656	504428.5	5409118.5
L4430.0	504428.5	5409119.8	85402.60156	240.60	41.62	48.835038	-86.939653	56227.41	56284.8	-34.79	56192.61	56179.22656	56135.60929	56133.00000	504428.5	5409119.8
L4430.0	504428.5	5409121.2	85402.79688	239.19	30.95	48.835051	-86.939653	56227.63	56284.8	-34.82	56192.81	56179.51563	56135.54680	56132.98047	504428.5	5409121.2
L4430.0	504428.5	5409122.5	85402.89844	239.03	30.95	48.835063	-86.939653	56228.30	56284.8	-34.83	56193.47	56180.26563	56135.44207	56132.91797	504428.5	5409122.5
L4430.0	504428.5	5409122.5	85403.00000	238.92	33.45	48.835063	-86.939653	56228.63	56284.8	-34.84	56193.79	56180.67969	56135.34836	56132.87109	504428.5	5409122.5
L4430.0	504428.5	5409124.0	85403.10156	239.40	35.87	48.835076	-86.939653	56227.82	56284.8	-34.84	56192.98	56179.96484	56135.31827	56132.88672	504428.5	5409124.0
L4430.0	504428.5	5409125.4	85403.20313	239.41	36.44	48.835089	-86.939653	56229.42	56284.8	-34.85	56194.57	56181.65234	56135.11638	56132.73047	504428.5	5409125.4
L4430.0	504428.5	5409127.2	85403.29688	239.79	36.44	48.835105	-86.939653	56227.92	56284.9	-34.85	56193.07	56180.25000	56135.10862	56132.76953	504428.5	5409127.2
L4430.0	504428.5	5409128.6	85403.39844	241.10	40.19	48.835118	-86.939653	56227.22	56284.9	-34.86	56192.36	56179.64063	56135.03625	56132.74219	504428.5	5409128.6
L4430.0	504428.5	5409129.8	85403.50000	241.71	40.19	48.835129	-86.939653	56228.22	56284.9	-34.86	56193.36	56180.74609	56134.83788	56132.59375	504428.5	5409129.8
L4430.0	504428.5	5409129.8	85403.60156	242.13	38.64	48.835129	-86.939653	56229.61	56284.9	-34.86	56194.75	56182.24219	56134.60144	56132.40625	504428.5	5409129.8
L4430.0	504428.5	5409131.1	85403.70313	244.13	39.07	48.835140	-86.939653	56228.36	56284.9	-34.87	56193.50	56181.09766	56134.52889	56132.38281	504428.5	5409131.1
L4430.0	504428.5	5409132.9	85403.79688	244.80	39.07	48.835156	-86.939653	56227.34	56284.9	-34.87	56192.46	56180.16797	56134.43017	56132.33594	504428.5	5409132.9
L4430.0	504428.5	5409134.1	85403.89844	242.29	41.53	48.835167	-86.939653	56227.34	56284.9	-34.88	56192.46	56180.28125	56134.24990	56132.20703	504428.5	5409134.1
L4430.0	504428.5	5409135.2	85404.00000	243.23	42.74	48.835177	-86.939653	56228.36	56284.9	-34.88	56193.48	56181.41406	56133.98938	56132.00000	504428.5	5409135.2
L4430.0	504428.5	5409136.9	85404.10156	243.41	42.74	48.835192	-86.939653	56228.56	56284.9	-34.89	56193.67	56181.71875	56133.77191	56131.83594	504428.5	5409136.9
L4430.0	504428.5	5409138.6	85404.20313	242.59	43.47	48.835207	-86.939653	56226.46	56284.9	-34.90	56191.57	56179.73828	56133.69481	56131.81250	504428.5	5409138.6
L4430.0	504428.5	5409138.6	85404.29688	242.10	42.32	48.835207	-86.939653	56227.30	56284.9	-34.90	56192.39	56180.67969	56133.41072	56131.58203	504428.5	5409138.6
L4430.0	504428.5	5409140.2	85404.39844	242.01	42.32	48.835222	-86.939653	56227.84	56284.9	-34.91	56192.93	56181.33984	56133.13298	56131.35938	504428.5	5409140.2
L4430.0	504428.5	5409141.7	85404.50000	240.65	40.22	48.835236	-86.939653	56226.16	56284.9	-34.92	56191.24	56179.77344	56132.99159	56131.27344	504428.5	5409141.7
L4430.0	504428.4	5409143.2	85404.60156	241.55	38.28	48.835249	-86.939653	56226.84	56284.9	-34.93	56191.91	56180.56641	56132.68056	56131.01953	504428.4	5409143.2
L4430.0	504428.4	5409143.2	85404.60156	241.55	38.28	48.835249	-86.939653	56225.92	56284.9	-34.93	56190.99	56179.77734	56132.46324	56130.85938	504428.4	5409143.2
L4430.0	504428.4	5409144.9	85404.79688	240.41	36.9	48.835264	-86.939653	56225.29	56284.9	-34.94	56190.34	56179.25391	56132.21567	56130.66797	504428.4	5409144.9
L4430.0	504428.4	5409147.1	85404.89844	240.84	36.9	48.835284	-86.939653	56225.39	56285	-34.95	56190.44	56179.48438	56131.90589	56130.41797	504428.4	5409147.1
L4430.0	504428.4	5409147.1	85405.00000	239.79	37.48	48.835284	-86.939653	56225.46	56285	-34.96	56190.50	56179.67578	56131.58662	56130.16016	504428.4	5409147.1
L4430.0	504428.4	5409148.5	85405.10156	239.78	38.39	48.835297	-86.939653	56224.86	56285	-34.96	56189.89	56179.19922	56131.29992	56129.93359	504428.4	5409148.5
L4430.0	504428.4	5409150.2	85405.20313	240.52	38.39	48.835312	-86.939653	56223.12	56285	-34.97	56188.15	56177.59766	56131.07652	56129.76953	504428.4	5409150.2
L4430.0	504428.4	5409151.6	85405.29688	241.81	40.94	48.835325	-86.939653	56222.76	56285	-34.97	56187.79	56177.37500	56130.74918	56129.50391	504428.4	5409151.6
L4430.0	504428.4	5409151.6	85405.39844	241.50	40.94	48.835325	-86.939653	56222.64	56285	-34.98	56187.66	56177.38281	56130.39466	56129.21094	504428.4	5409151.6
L4430.0	504428.4	5409153.3	85405.50000	242.33	38.54	48.835340	-86.939654	56222.39	56285	-34.98	56187.42	56177.28125	56130.03572	56128.91406	504428.4	5409153.3
L4430.0	504428.4	5409153.3	85405.60156	242.58	36.84	48.835340	-86.939654	56222.02	56285	-34.98	56187.04	56177.04297	56129.67448	56128.61719	504428.4	5409153.3
L4430.0	504428.4	5409155.0	85405.70313	243.22	35.88	48.835355	-86.939654	56220.52	56285	-34.99	56185.53	56175.67578	56129.37707	56128.38281	504428.4	5409155.0
L4430.0	504428.4	5409156.4	85405.79688	243.19	35.88	48.835368	-86.939654	56219.55	56285	-34.99	56184.56	56174.84766	56129.03228	56128.10156	504428.4	5409156.4
L4430.0	504428.4	5409158.0	85405.89844	241.41	37.82	48.835382	-86.939654	56219.50	56285	-35.00	56184.50	56174.93359	56128.61559	56127.75000	504428.4	5409158.0
L4430.0	504428.4	5409159.2	85406.00000	240.81	37.82	48.835393	-86.939654	56217.88	56285	-35.00	56182.88	56173.46094	56128.29183	56127.48828	504428.4	5409159.2
L4430.0	504428.4	5409159.2	85406.10156	241.07	36.91	48.835393	-86.939654	56217.45	56285	-35.01	56182.44	56173.16797	56127.87848	56127.14063	504428.4	5409159.2
L4430.0	504428.4	5409160.8	85406.20313	242.13	34.71	48.835407	-86.939654	56216.66	56285	-35.01	56181.65	56172.52734	56127.47772	56126.80859	504428.4	5409160.8
L4430.0	504428.4	5409162.2	85406.29688	241.91	34.71	48.835420	-86.939654	56215.86	56285	-35.02	56180.84	56171.86719	56127.06773	56126.46484	504428.4	5409162.2
L4430.0	504428.4	5409163.6	85406.39844	240.78	36.73	48.835433	-86.939654	56215.44	56285	-35.03	56180.41	56171.58594	56126.62203	56126.08594	504428.4	5409163.6
L4430.0	504428.4	5409165.5	85406.50000	240.83	36.73	48.835449	-86.939654	56213.58	56285	-35.04	56178.54	56169.86719	56126.26215	56125.79297	504428.4	5409165.5
L4430.0	504428.4	5409165.5	85406.60156	240.86	35.61	48.835449	-86.939654	56213.00	56285	-35.04	56177.96	56169.43750	56125.80630	56125.40234	504428.4	5409165.5
L4430.0	504428.4	5409166.8	85406.60156	240.86	36.87	48.835461	-86.939654	56212.48	56285	-35.04	56177.44	56169.07031	56125.33668	56125.00000	504428.4	5409166.8
L4430.0	504428.4	5409168.4	85406.79688	240.02	36.87	48.835476	-86.939654	56210.73	56285.1	-35.06	56175.67	56167.45703	56124.94085	56124.67578	504428.4	5409168.4
L4430.0	504428.4	5409170.1	85406.89844	240.30	36.87	48.835491	-86.939653	56210.28	56285.1	-35.06	56175.22	56167.16016	56124.44770	56124.25000	504428.4	5409170.1
L4430.0	504428.4	5409170.1	85407.00000	239.19	36.47	48.835491	-86.939653	56209.41	56285.1	-35.07	56174.34	56166.43359	56123.97412	56123.84375	504428.4	5409170.1
L4430.0	504428.4	5409172.0	85407.10156	241.09	35.36	48.835508	-86.939653	56207.96	56285.1	-35.07	56172.88	56165.12891	56123.53034	56123.46875	504428.4	5409172.0
L4430.0	504428.4	5409173.4	85407.20313	238.64	35.36	48.835521	-86.939653	56207.26	56285.1	-35.08	56172.19	56164.59375	56123.02661	56123.03516	504428.4	5409173.4
L4430.0	504428.4	5409173.4	85407.29688	239.75	37.5	48.835521	-86.939653	56206.30	56285.1	-35.08	56171.22	56163.78125	56122.53316	56122.61328	504428.4	5409173.4
L4430.0	504428.4	5409175.6	85407.39844	240.54	40.02	48.835540	-86.939653	56204.21	56285.1	-35.08	56169.13	56161.84766	56122.10624	56122.25391	504428.4	5409175.6
L4430.0	504428.4	5409177.3	85407.50000	242.80	40.02	48.835556	-86.939653	56203.39	56285.1	-35.08	56168.30	56161.17578	56121.58743	56121.80469	504428.4	5409177.3
L4430.0	504428.4	5409177.3	85407.60156	241.40	40.12	48.835556	-86.939653	56202.27	56285.1	-35.09	56167.18	56160.21094	56121.08031	56121.36719	504428.4	5409177.3
L4430.0	504428.4	5409179.0	85407.70313	241.84	36.97	48.835571	-86.939653	56200.73	56285.1	-35.09	56165.64	56158.82813	56120.59379	56120.95313	504428.4	5409179.0
L4430.0	504428.4	5409180.7	85407.79688	240.58	36.97	48.835586	-86.939653	56200.20	56285.1	-35.09	56165.11	56158.45703	56120.03280	56120.46094	504428.4	5409180.7
L4430.0	504428.4	5409180.7	85407.89844	239.76	36.83	48.835586	-86.939653	56199.06	56285.1	-35.10	56163.96	56157.46484	56119.50625	56120.00391	504428.4	5409180.7
L4430.0	504428.4	5409181.9	85408.00000	238.79	36.83	48.835597	-86.939653	56197.77	56285.1	-35.10	56162.67	56156.33203	56118.98239	56119.55078	504428.4	5409181.9
L4430.0	504428.5	5409183.9	85408.10156	238.15	38.46	48.835615	-86.939653	56196.18	56285.1	-35.11	56161.07	56154.88672	56118.47279	56119.11328	504428.5	5409183.9
L4430.0	504428.5	5409185.2	85408.20313	238.69	38.46	48.835627	-86.939652	56195.20	56285.1	-35.12	56160.08	56154.05469	56117.91639	56118.62500	504428.5	5409185.2
L4430.0	504428.5	5409185.2	85408.29688	238.88	36.86	48.835627	-86.939652	56193.62	56285.1	-35.13	56158.49	56152.62109	56117.39408	56118.17578	504428.5	5409185.2
L4430.0	504428.5	5409186.7	85408.39844	238.33	36.68	48.835640	-86.939652	56193.27	56285.1	-35.14	56158.14	56152.42578	56116.78344	56117.63281	504428.5	5409186.7
L4430.0	504428.5	5409188.1	85408.50000	238.12	36.68	48.835653	-86.939652	56191.96	56285.1	-35.15	56156.82	56151.26172	56116.23205	56117.15234	504428.5	5409188.1
L4430.0	504428.5	5409189.8	85408.60156	238.27	39.53	48.835668	-86.939652	56191.28	56285.2	-35.15	56156.12	56150.71875	56115.63414	56116.62500	504428.5	5409189.8
L4430.0	504428.5	5409189.8	85408.60156	238.27	37.57	48.835668	-86.939652	56190.54	56285.2	-35.15	56155.38	56150.13281	56115.03395	56116.09375	504428.5	5409189.8
L4430.0	504428.5	5409191.4	85408.79688	239.16	37.57	48.835683	-86.939652	56188.64	56285.2	-35.17	56153.47	56148.37891	56114.50704	56115.63672	504428.5	5409191.4
L4430.0	504428.5	5409193.2	85408.89844	239.50	37.59	48.835699	-86.939651	56188.28	56285.2	-35.18	56153.10	56148.16016	56113.87296	56115.07422	504428.5	5409193.2
L4430.0	504428.5	5409193.2	85409.00000	239.96	41.12	48.835699	-86.939651	56186.44	56285.2	-35.19	56151.25	56146.46484	56113.33327	56114.60156	504428.5	5409193.2
L4430.0	504428.6	5409194.8	85409.10156	238.48	41.12	48.835713	-86.939651	56185.25	56285.2	-35.19	56150.05	56145.41797	56112.74619	56114.08594	504428.6	5409194.8
L4430.0	504428.6	5409196.4	85409.20313	238.63	41.12	48.835727	-86.939651	56184.24	56285.2	-35.20	56149.04	56144.55859	56112.14260	56113.55078	504428.6	5409196.4
L4430.0	504428.6	5409197.8	85409.29688	239.64	43.37	48.835740	-86.939651	56183.23	56285.2	-35.20	56148.02	56143.68750	56111.53603	56113.01172	504428.6	5409197.8
L4430.0	504428.6	5409199.3	85409.39844	239.15	43.14	48.835754	-86.939651	56182.39	56285.2	-35.21	56147.18	56142.99609	56110.91402	56112.46094	504428.6	5409199.3
L4430.0	504428.6	5409199.3	85409.50000	239.31	43.14	48.835754	-86.939651	56180.89	56285.2	-35.21	56145.68	56141.64453	56110.33277	56111.94531	504428.6	5409199.3
L4430.0	504428.6	5409200.9	85409.60156	241.07	43.69	48.835768	-86.939651	56179.34	56285.2	-35.21	56144.13	56140.24219	56109.75180	56111.43359	504428.6	5409200.9
L4430.0	504428.6	5409202.7	85409.70313	241.48	43.51	48.835784	-86.939650	56179.18	56285.2	-35.22	56143.96	56140.21875	56109.07596	56110.82422	504428.6	5409202.7
L4430.0	504428.6	5409203.6	85409.79688	242.12	41.72	48.835792	-86.939650	56177.06	56285.2	-35.22	56141.83	56138.23438	56108.52809	56110.34375	504428.6	5409203.6
L4430.0	504428.6	5409204.9	85409.89844	241.24	41.72	48.835804	-86.939650	56176.42	56285.2	-35.23	56141.19	56137.73828	56107.87838	56109.75781	504428.6	5409204.9
L4430.0	504428.6	5409204.9	85410.00000	241.17	42.98	48.835804	-86.939650	56175.52	56285.2	-35.23	56140.29	56136.98047	56107.24366	56109.19141	504428.6	5409204.9
L4430.0	504428.6	5409206.6	85410.10156	240.17	42.92	48.835819	-86.939650	56174.27	56285.2	-35.24	56139.03	56135.85938	56106.63076	56108.64453	504428.6	5409206.6
L4430.0	504428.6	5409208.2	85410.20313	240.58	42.92	48.835834	-86.939650	56173.25	56285.2	-35.24	56138.01	56134.98047	56105.99983	56108.07813	504428.6	5409208.2
L4430.0	504428.6	5409209.4	85410.29688	239.52	40.05	48.835845	-86.939650	56171.74	56285.2	-35.25	56136.50	56133.60938	56105.39969	56107.54297	504428.6	5409209.4
L4430.0	504428.6	5409209.4	85410.39844	239.90	39.18	48.835845	-86.939650	56171.04	56285.3	-35.25	56135.79	56133.03516	56104.74449	56106.94922	504428.6	5409209.4
L4430.0	504428.7	5409212.2	85410.50000	240.15	39.18	48.835870	-86.939650	56170.76	56285.3	-35.26	56135.51	56132.89063	56104.05904	56106.32813	504428.7	5409212.2
L4430.0	504428.7	5409212.2	85410.60156	239.00	39.71	48.835870	-86.939650	56170.22	56285.3	-35.26	56134.96	56132.47266	56103.39013	56105.72266	504428.7	5409212.2
L4430.0	504428.7	5409213.8	85410.60156	239.00	39.71	48.835884	-86.939650	56168.30	56285.3	-35.26	56133.04	56130.68359	56102.81122	56105.20313	504428.7	5409213.8
L4430.0	504428.7	5409215.5	85410.79688	238.23	40.34	48.835899	-86.939649	56167.32	56285.3	-35.27	56132.05	56129.82422	56102.16912	56104.62500	504428.7	5409215.5
L4430.0	504428.7	5409216.6	85410.89844	238.65	45.26	48.835909	-86.939649	56166.07	56285.3	-35.28	56130.79	56128.69141	56101.54392	56104.05859	504428.7	5409216.6
L4430.0	504428.7	5409216.6	85411.00000	238.89	45.26	48.835909	-86.939649	56166.11	56285.3	-35.28	56130.83	56128.85547	56100.83109	56103.40625	504428.7	5409216.6

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4430.0	504428.7	5409218.2	85411.10156	238.98	45.04	48.835924	-86.939649	56164.52	56285.3	-35.29	56129.23	56127.38281	56100.22671	56102.85938	504428.7	5409218.2
L4430.0	504428.7	5409219.8	85411.20313	238.17	39.26	48.835938	-86.939649	56163.50	56285.3	-35.30	56128.20	56126.47266	56099.58357	56102.27734	504428.7	5409219.8
L4430.0	504428.7	5409220.9	85411.29688	238.74	39.26	48.835948	-86.939649	56162.51	56285.3	-35.31	56127.20	56125.59375	56098.93776	56101.68750	504428.7	5409220.9
L4430.0	504428.7	5409222.7	85411.39844	238.34	40.54	48.835964	-86.939649	56160.59	56285.3	-35.32	56125.27	56123.78125	56098.35336	56101.16016	504428.7	5409222.7
L4430.0	504428.7	5409224.2	85411.50000	238.30	45.32	48.835978	-86.939649	56159.95	56285.3	-35.33	56124.63	56123.25781	56097.68245	56100.54297	504428.7	5409224.2
L4430.0	504428.7	5409224.2	85411.60156	239.42	45.32	48.835978	-86.939649	56158.76	56285.3	-35.33	56123.42	56122.16406	56097.04912	56099.96484	504428.7	5409224.2
L4430.0	504428.7	5409225.7	85411.70313	242.20	43.12	48.835991	-86.939649	56157.73	56285.3	-35.34	56122.39	56121.24219	56096.40343	56099.37500	504428.7	5409225.7
L4430.0	504428.7	5409226.6	85411.79688	242.52	46.07	48.835999	-86.939649	56157.70	56285.4	-35.35	56122.35	56121.31250	56095.69145	56098.71484	504428.7	5409226.6
L4430.0	504428.7	5409228.1	85411.89844	242.04	46.07	48.836012	-86.939649	56157.07	56285.4	-35.36	56121.71	56120.78125	56095.01924	56098.09375	504428.7	5409228.1
L4430.0	504428.7	5409229.8	85412.00000	239.50	39.62	48.836028	-86.939649	56155.68	56285.4	-35.37	56120.31	56119.48828	56094.39752	56097.52344	504428.7	5409229.8
L4430.0	504428.7	5409229.8	85412.10156	240.19	34.11	48.836028	-86.939649	56154.26	56285.4	-35.37	56118.89	56118.16797	56093.77700	56096.95703	504428.7	5409229.8
L4430.0	504428.7	5409232.1	85412.20313	240.45	34.11	48.836049	-86.939649	56154.06	56285.4	-35.38	56118.68	56118.06250	56093.07572	56096.30469	504428.7	5409232.1
L4430.0	504428.7	5409233.1	85412.29688	241.01	35.61	48.836058	-86.939649	56152.77	56285.4	-35.38	56117.39	56116.87109	56092.44638	56095.72266	504428.7	5409233.1
L4430.0	504428.7	5409233.1	85412.39844	241.21	38.1	48.836058	-86.939649	56151.78	56285.4	-35.39	56116.39	56115.96484	56091.79768	56095.12109	504428.7	5409233.1
L4430.0	504428.7	5409234.7	85412.50000	242.28	38.1	48.836072	-86.939649	56150.70	56285.4	-35.39	56115.31	56114.98047	56091.15431	56094.52344	504428.7	5409234.7
L4430.0	504428.7	5409236.2	85412.60156	240.11	40.34	48.836085	-86.939649	56149.79	56285.4	-35.39	56114.39	56114.15234	56090.50028	56093.91406	504428.7	5409236.2
L4430.0	504428.7	5409237.1	85412.60156	240.11	47.56	48.836094	-86.939649	56149.63	56285.4	-35.39	56114.24	56114.08984	56089.79494	56093.25391	504428.7	5409237.1
L4430.0	504428.7	5409238.6	85412.79688	241.44	47.56	48.836107	-86.939648	56147.44	56285.4	-35.40	56112.04	56111.97656	56089.22629	56092.73047	504428.7	5409238.6
L4430.0	504428.7	5409240.4	85412.89844	239.98	43.04	48.836123	-86.939648	56147.89	56285.4	-35.41	56112.48	56112.50000	56088.48166	56092.02734	504428.7	5409240.4
L4430.0	504428.8	5409241.7	85413.00000	239.44	43.04	48.836135	-86.939648	56145.94	56285.4	-35.41	56110.53	56110.63281	56087.89638	56091.48047	504428.8	5409241.7
L4430.0	504428.8	5409241.7	85413.10156	238.91	49.04	48.836135	-86.939648	56145.62	56285.4	-35.42	56110.20	56110.38281	56087.20311	56090.82813	504428.8	5409241.7
L4430.0	504428.8	5409243.2	85413.20313	241.41	49.49	48.836149	-86.939648	56145.69	56285.4	-35.43	56110.26	56110.51953	56086.48382	56090.14844	504428.8	5409243.2
L4430.0	504428.8	5409244.9	85413.29688	241.63	49.49	48.836163	-86.939648	56144.10	56285.4	-35.44	56108.66	56108.99219	56085.87517	56089.57813	504428.8	5409244.9
L4430.0	504428.8	5409244.9	85413.39844	241.72	49.76	48.836163	-86.939648	56143.81	56285.4	-35.45	56108.37	56108.77344	56085.17912	56088.91797	504428.8	5409244.9
L4430.0	504428.8	5409246.4	85413.50000	240.66	49.76	48.836178	-86.939647	56143.11	56285.5	-35.46	56107.65	56108.12500	56084.51166	56088.28516	504428.8	5409246.4
L4430.0	504428.8	5409247.9	85413.60156	240.63	49.85	48.836191	-86.939647	56142.42	56285.5	-35.46	56106.96	56107.50000	56083.84206	56087.64844	504428.8	5409247.9
L4430.0	504428.8	5409249.7	85413.70313	239.55	49.85	48.836207	-86.939647	56141.95	56285.5	-35.47	56106.48	56107.08594	56083.15831	56087.00000	504428.8	5409249.7
L4430.0	504428.8	5409249.7	85413.79688	239.74	49.57	48.836207	-86.939647	56141.66	56285.5	-35.48	56106.18	56106.84766	56082.46235	56086.33594	504428.8	5409249.7
L4430.0	504428.9	5409251.4	85413.89844	239.46	49.57	48.836222	-86.939647	56139.16	56285.5	-35.49	56103.67	56104.39844	56081.91349	56085.81641	504428.9	5409251.4
L4430.0	504428.9	5409252.8	85414.00000	237.99	44.44	48.836235	-86.939646	56138.54	56285.5	-35.50	56103.04	56103.82422	56081.23899	56085.17188	504428.9	5409252.8
L4430.0	504428.9	5409254.5	85414.10156	237.09	43.4	48.836250	-86.939646	56139.11	56285.5	-35.51	56103.60	56104.43750	56080.48483	56084.44531	504428.9	5409254.5
L4430.0	504428.9	5409256.2	85414.20313	238.54	43.4	48.836265	-86.939646	56138.00	56285.5	-35.51	56102.49	56103.37891	56079.84160	56083.82813	504428.9	5409256.2
L4430.0	504428.9	5409256.2	85414.29688	238.78	43.4	48.836265	-86.939646	56136.71	56285.5	-35.52	56101.19	56102.12891	56079.21060	56083.22266	504428.9	5409256.2
L4430.0	504428.9	5409257.6	85414.39844	237.61	38.83	48.836278	-86.939646	56136.16	56285.5	-35.53	56100.63	56101.61719	56078.52977	56082.56641	504428.9	5409257.6
L4430.0	504428.9	5409259.3	85414.50000	238.44	38.83	48.836293	-86.939646	56135.59	56285.5	-35.54	56100.05	56101.08203	56077.84972	56081.91016	504428.9	5409259.3
L4430.0	504428.9	5409259.3	85414.60156	238.63	42.17	48.836293	-86.939646	56135.37	56285.5	-35.54	56099.83	56100.90234	56077.14506	56081.22656	504428.9	5409259.3
L4430.0	504428.9	5409260.7	85414.60156	238.63	44.32	48.836306	-86.939646	56133.98	56285.5	-35.54	56098.43	56099.54297	56076.51840	56080.62109	504428.9	5409260.7
L4430.0	504428.9	5409262.2	85414.79688	240.24	44.32	48.836319	-86.939646	56133.09	56285.6	-35.56	56097.53	56098.67969	56075.85769	56079.98047	504428.9	5409262.2
L4430.0	504428.9	5409263.6	85414.89844	240.29	46.99	48.836332	-86.939646	56132.23	56285.6	-35.56	56096.67	56097.85547	56075.19353	56079.33594	504428.9	5409263.6
L4430.0	504428.9	5409263.6	85415.00000	239.99	46.99	48.836332	-86.939646	56132.08	56285.6	-35.57	56096.51	56097.73047	56074.48187	56078.64063	504428.9	5409263.6
L4430.0	504428.9	5409265.3	85415.10156	239.41	48.62	48.836347	-86.939646	56130.74	56285.6	-35.58	56095.16	56096.41016	56073.84864	56078.02344	504428.9	5409265.3
L4430.0	504428.9	5409266.5	85415.20313	240.07	48.74	48.836358	-86.939646	56129.78	56285.6	-35.59	56094.19	56095.46875	56073.18912	56077.37891	504428.9	5409266.5
L4430.0	504428.9	5409268.2	85415.29688	240.12	48.74	48.836373	-86.939646	56129.59	56285.6	-35.60	56094.00	56095.30469	56072.47659	56076.67969	504428.9	5409268.2
L4430.0	504428.9	5409269.8	85415.39844	241.13	39.66	48.836387	-86.939646	56128.22	56285.6	-35.61	56092.61	56093.93750	56071.84298	56076.05859	504428.9	5409269.8
L4430.0	504428.9	5409269.8	85415.50000	241.72	39.66	48.836387	-86.939646	56127.86	56285.6	-35.62	56092.24	56093.58984	56071.14024	56075.36719	504428.9	5409269.8
L4430.0	504428.9	5409271.2	85415.60156	241.45	48.38	48.836401	-86.939646	56127.07	56285.6	-35.62	56091.44	56092.80859	56070.46497	56074.70313	504428.9	5409271.2
L4430.0	504428.9	5409272.3	85415.70313	240.67	47.58	48.836410	-86.939646	56126.21	56285.6	-35.63	56090.58	56091.96484	56069.79244	56074.03906	504428.9	5409272.3
L4430.0	504428.9	5409273.6	85415.79688	238.80	47.58	48.836422	-86.939646	56125.45	56285.6	-35.64	56089.81	56091.21094	56069.11261	56073.36719	504428.9	5409273.6
L4430.0	504428.8	5409274.9	85415.89844	240.20	38.65	48.836433	-86.939646	56124.90	56285.7	-35.65	56089.25	56090.66406	56068.41741	56072.67578	504428.8	5409274.9
L4430.0	504428.8	5409276.1	85416.00000	239.93	48.37	48.836444	-86.939647	56124.08	56285.7	-35.66	56088.42	56089.84375	56067.73877	56072.00391	504428.8	5409276.1
L4430.0	504428.8	5409277.4	85416.10156	240.85	48.37	48.836456	-86.939647	56123.02	56285.7	-35.66	56087.36	56088.79297	56067.07398	56071.34375	504428.8	5409277.4
L4430.0	504428.8	5409278.9	85416.20313	240.71	45.95	48.836469	-86.939647	56122.11	56285.7	-35.67	56086.44	56087.87891	56066.39831	56070.67188	504428.8	5409278.9
L4430.0	504428.8	5409280.1	85416.29688	241.70	45.95	48.836480	-86.939647	56122.32	56285.7	-35.67	56086.65	56088.09375	56065.64569	56069.92188	504428.8	5409280.1
L4430.0	504428.8	5409280.1	85416.39844	242.18	45.19	48.836480	-86.939647	56120.77	56285.7	-35.68	56085.09	56086.53906	56065.00941	56069.28516	504428.8	5409280.1
L4430.0	504428.8	5409282.0	85416.50000	242.73	45.19	48.836497	-86.939647	56120.20	56285.7	-35.68	56084.51	56085.95703	56064.30606	56068.58203	504428.8	5409282.0
L4430.0	504428.7	5409283.4	85416.60156	242.83	41.76	48.836510	-86.939648	56119.34	56285.7	-35.68	56083.66	56085.10938	56063.61893	56067.89063	504428.7	5409283.4
L4430.0	504428.7	5409283.4	85416.60156	242.83	46.4	48.836510	-86.939648	56118.59	56285.7	-35.68	56082.91	56084.35547	56062.92327	56067.19531	504428.7	5409283.4
L4430.0	504428.7	5409285.2	85416.79688	241.98	40.09	48.836527	-86.939648	56116.60	56285.7	-35.69	56080.91	56082.35156	56062.30904	56066.57813	504428.7	5409285.2
L4430.0	504428.7	5409286.6	85416.89844	241.01	40.09	48.836539	-86.939648	56116.23	56285.7	-35.70	56080.53	56081.96875	56061.58484	56065.84766	504428.7	5409286.6
L4430.0	504428.7	5409288.0	85417.00000	240.18	44.15	48.836552	-86.939649	56116.02	56285.7	-35.70	56080.32	56081.75000	56060.84727	56065.10547	504428.7	5409288.0
L4430.0	504428.6	5409289.2	85417.10156	241.01	44.87	48.836562	-86.939649	56115.18	56285.7	-35.71	56079.48	56080.90234	56060.14959	56064.39844	504428.6	5409289.2
L4430.0	504428.6	5409290.7	85417.20313	239.24	44.87	48.836575	-86.939649	56114.22	56285.7	-35.71	56078.51	56079.92188	56059.45842	56063.70313	504428.6	5409290.7
L4430.0	504428.6	5409290.7	85417.29688	240.87	50.35	48.836575	-86.939649	56112.63	56285.7	-35.72	56076.91	56078.30859	56058.80702	56063.03906	504428.6	5409290.7
L4430.0	504428.6	5409292.3	85417.39844	242.20	47.85	48.836591	-86.939650	56112.94	56285.7	-35.72	56077.21	56078.59766	56058.02665	56062.25000	504428.6	5409292.3
L4430.0	504428.6	5409294.0	85417.50000	241.70	47.85	48.836606	-86.939650	56111.36	56285.7	-35.73	56075.63	56077.00391	56057.36926	56061.58203	504428.6	5409294.0
L4430.0	504428.6	5409294.0	85417.60156	242.62	47.85	48.836606	-86.939650	56110.88	56285.7	-35.74	56075.14	56076.50000	56056.63676	56060.83984	504428.6	5409294.0
L4430.0	504428.6	5409295.8	85417.70313	242.11	47.85	48.836622	-86.939650	56110.30	56285.7	-35.74	56074.56	56075.90234	56055.90777	56060.09766	504428.6	5409295.8
L4430.0	504428.6	5409297.4	85417.79688	242.45	46.68	48.836636	-86.939650	56109.85	56285.7	-35.75	56074.10	56075.42578	56055.16820	56059.34375	504428.6	5409297.4
L4430.0	504428.6	5409298.8	85417.89844	242.87	46.68	48.836649	-86.939650	56107.90	56285.8	-35.75	56072.14	56073.44531	56054.52599	56058.68750	504428.6	5409298.8
L4430.0	504428.6	5409300.2	85418.00000	243.86	49.71	48.836661	-86.939649	56107.87	56285.8	-35.76	56072.11	56073.39453	56053.75240	56057.89844	504428.6	5409300.2
L4430.0	504428.6	5409300.2	85418.10156	241.58	46.62	48.836661	-86.939649	56107.02	56285.8	-35.77	56071.25	56072.51563	56053.03135	56057.16406	504428.6	5409300.2
L4430.0	504428.6	5409302.1	85418.20313	240.93	47.35	48.836678	-86.939649	56106.31	56285.8	-35.78	56070.53	56071.77344	56052.29812	56056.41406	504428.6	5409302.1
L4430.0	504428.6	5409303.4	85418.29688	239.85	47.35	48.836690	-86.939649	56105.44	56285.8	-35.79	56069.65	56070.87109	56051.57261	56055.67188	504428.6	5409303.4
L4430.0	504428.7	5409304.9	85418.39844	241.09	47.51	48.836703	-86.939649	56105.04	56285.8	-35.80	56069.24	56070.43750	56050.81276	56054.89063	504428.7	5409304.9
L4430.0	504428.7	5409304.9	85418.50000	241.62	49.19	48.836703	-86.939649	56103.20	56285.8	-35.81	56067.39	56068.56641	56050.14583	56054.20703	504428.7	5409304.9
L4430.0	504428.7	5409306.4	85418.60156	241.49	49.19	48.836717	-86.939648	56102.61	56285.8	-35.82	56066.79	56067.94141	56049.39240	56053.43359	504428.7	5409306.4
L4430.0	504428.7	5409307.8	85418.60156	241.49	48.9	48.836730	-86.939648	56101.78	56285.8	-35.82	56065.96	56067.08594	56048.65107	56052.67188	504428.7	5409307.8
L4430.0	504428.7	5409309.3	85418.79688	240.78	48.95	48.836743	-86.939648	56100.23	56285.8	-35.84	56064.39	56065.49219	56047.95577	56051.95703	504428.7	5409309.3
L4430.0	504428.7	5409310.7	85418.89844	241.14	48.95	48.836756	-86.939648	56100.59	56285.8	-35.85	56064.74	56065.81641	56047.12908	56051.10938	504428.7	5409310.7
L4430.0	504428.7	5409312.2	85419.00000	239.30	50.48	48.836770	-86.939647	56098.90	56285.9	-35.86	56063.04	56064.08984	56046.43560	56050.39063	504428.7	5409312.2
L4430.0	504428.8	5409313.4	85419.10156	237.71	50.48	48.836780	-86.939647	56098.74	56285.9	-35.86	56062.87	56063.89453	56045.63658	56049.57031	504428.8	5409313.4
L4430.0	504428.8	5409313.4	85419.20313	235.71	49.82	48.836780	-86.939647	56098.01	56285.9	-35.87	56062.14	56063.13672	56044.87130	56048.78125	504428.8	5409313.4
L4430.0	504428.8	5409315.1	85419.29688	238.87	54.12	48.836795	-86.939647	56097.07	56285.9	-35.88	56061.20	56062.17188	56044.11633	56048.00391	504428.8	5409315.1
L4430.0	504428.8	5409316.6	85419.39844	238.81	54.12	48.836808	-86.939647	56096.23	56285.9	-35.88	56060.35	56061.29297	56043.35162	56047.21484	504428.8	5409316.6
L4430.0	504428.8	5409317.9	85419.50000	238.76	51.07	48.836821	-86.939646	56094.57	56285.9	-35.89	56058.68	56059.59766	56042.63776	56046.47656	504428.8	5409317.9
L4430.0	504428.8	5409317.9	85419.60156	238.84	51.07	48.836821	-86.939646	56094.82	56285.9	-35.89	56058.93	56059.82031	56041.79201	56045.60547	504428.8	5409317.9
L4430.0	504428.8	5409319.4	85419.70313	239.55	51.04	48.836834	-86.939646	56092.80	56285.9	-35.90	56056.91	56057.77344	56041.09365	56044.87891	504428.8	5409319.4
L4430.0	504428.8	5409321.1	85419.79688	240.04	51.04	48.836849	-86.939646	56092.92	56285.9	-35.90	56057.02	56057.85938	56040.24928	56044.00781	504428.8	5409321.1
L4430.0	504428.8	5409322.6	85419.89844	242.30	53.22	48.836863	-86.939646	56090.46	56285.9	-35.91	56054.56	56055.37109	56039.57217	56043.30469	504428.8	5409322.6
L4430.0	504428.8	5409324.1	85420.00000	241.98	53.22	48.836876	-86.939646	56090.09	56285.9	-35.91	56054.18	56054.96875	56038.75226	56042.45703	504428.8	5409324.1
L4430.0	504428.8	5409324.1	85420.10156	241.89	53.37	48.836876	-86.939646	56089.56	56285.9	-35.92	56053.65	56054.41016	56037.93818	56041.61719	504428.8	5409324.1
L4430.0	504428.8	5409325.5	85420.20313	242.70	51.41	48.836889	-86.939646	56088.79	56285.9	-35.92	56052.87	56053.60547	56037.13653	56040.78906	504428.8	5409325.5
L4430.0	504428.8	5409326.9	85420.29688	241.03	51.41	48.836901	-86.939646	56087.59	56285.9	-35.93	56051.66	56052.37109	56036.35927	56039.98438	504428.8	5409326.9

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4430.0	504428.8	5409328.3	85420.39844	240.40	53.61	48.836914	-86.939646	56086.80	56285.9	-35.94	56050.86	56051.54688	56035.55035	56039.14453	504428.8	5409328.3
L4430.0	504428.8	5409328.3	85420.50000	240.97	53.61	48.836914	-86.939646	56085.94	56285.9	-35.94	56050.00	56050.66406	56034.74108	56038.30859	504428.8	5409328.3
L4430.0	504428.8	5409329.7	85420.60156	242.61	58.37	48.836927	-86.939646	56084.93	56286	-35.95	56048.98	56049.62500	56033.93808	56037.47656	504428.8	5409329.7
L4430.0	504428.8	5409331.1	85420.60156	242.61	58.06	48.836940	-86.939646	56083.54	56286	-35.95	56047.58	56048.20313	56033.15599	56036.66797	504428.8	5409331.1
L4430.0	504428.8	5409333.1	85420.79688	244.48	58.06	48.836957	-86.939646	56082.61	56286	-35.97	56046.64	56047.24219	56032.33879	56035.82031	504428.8	5409333.1
L4430.0	504428.8	5409333.1	85420.89844	243.38	57.34	48.836957	-86.939646	56081.67	56286	-35.97	56045.70	56046.28125	56031.51712	56034.96875	504428.8	5409333.1
L4430.0	504428.8	5409335.0	85421.00000	242.25	54.47	48.836974	-86.939646	56079.79	56286	-35.98	56043.81	56044.37500	56030.75431	56034.17578	504428.8	5409335.0
L4430.0	504428.8	5409336.2	85421.10156	240.90	54.47	48.836985	-86.939646	56079.54	56286	-35.99	56043.55	56044.09375	56029.87835	56033.27344	504428.8	5409336.2
L4430.0	504428.8	5409337.8	85421.20313	242.67	61.78	48.837000	-86.939647	56077.82	56286	-35.99	56041.83	56042.35938	56029.09523	56032.46094	504428.8	5409337.8
L4430.0	504428.8	5409337.8	85421.29688	242.96	61.78	48.837000	-86.939647	56076.96	56286	-36.00	56040.97	56041.48438	56028.25029	56031.58594	504428.8	5409337.8
L4430.0	504428.8	5409339.0	85421.39844	244.93	61.78	48.837010	-86.939647	56075.40	56286	-36.00	56039.40	56039.89844	56027.44822	56030.75391	504428.8	5409339.0
L4430.0	504428.8	5409341.4	85421.50000	242.96	59.78	48.837032	-86.939647	56075.04	56286	-36.01	56039.03	56039.51563	56026.56168	56029.83984	504428.8	5409341.4
L4430.0	504428.8	5409341.4	85421.60156	243.02	60.25	48.837032	-86.939647	56072.84	56286	-36.01	56036.83	56037.30469	56025.79271	56029.03906	504428.8	5409341.4
L4430.0	504428.7	5409343.1	85421.70313	241.55	60.25	48.837047	-86.939647	56073.04	56286	-36.01	56037.02	56037.48438	56024.86000	56028.07813	504428.7	5409343.1
L4430.0	504428.7	5409344.3	85421.79688	242.70	59.98	48.837058	-86.939647	56070.92	56286	-36.02	56034.90	56035.35547	56024.07693	56027.26563	504428.7	5409344.3
L4430.0	504428.7	5409345.8	85421.89844	241.74	59.98	48.837071	-86.939647	56068.57	56286	-36.03	56032.54	56032.98828	56023.30553	56026.46484	504428.7	5409345.8
L4430.0	504428.7	5409346.7	85422.00000	242.18	59.63	48.837080	-86.939648	56068.44	56286	-36.03	56032.41	56032.85156	56022.38119	56025.51172	504428.7	5409346.7
L4430.0	504428.7	5409348.4	85422.10156	241.66	58.85	48.837095	-86.939648	56067.68	56286	-36.04	56031.64	56032.07813	56021.49531	56024.59766	504428.7	5409348.4
L4430.0	504428.7	5409348.4	85422.20313	241.94	58.3	48.837095	-86.939648	56066.46	56286.1	-36.05	56030.41	56030.84375	56020.63596	56023.71094	504428.7	5409348.4
L4430.0	504428.7	5409349.8	85422.29688	240.77	58.3	48.837108	-86.939648	56064.70	56286.1	-36.06	56028.64	56029.07422	56019.80854	56022.85547	504428.7	5409349.8
L4430.0	504428.7	5409350.8	85422.39844	240.75	57.94	48.837116	-86.939648	56063.71	56286.1	-36.07	56027.64	56028.07422	56018.92581	56021.94141	504428.7	5409350.8
L4430.0	504428.6	5409352.3	85422.50000	239.94	57.37	48.837129	-86.939649	56061.48	56286.1	-36.08	56025.40	56025.83594	56018.12187	56021.10938	504428.6	5409352.3
L4430.0	504428.6	5409353.7	85422.60156	239.98	56.49	48.837142	-86.939649	56060.55	56286.1	-36.09	56024.46	56024.89844	56017.22747	56020.18750	504428.6	5409353.7
L4430.0	504428.6	5409355.4	85422.60156	239.98	55.43	48.837158	-86.939649	56060.02	56286.1	-36.09	56023.93	56024.37500	56016.30208	56019.23828	504428.6	5409355.4
L4430.0	504428.6	5409355.4	85422.79688	238.85	51.47	48.837158	-86.939649	56057.51	56286.1	-36.11	56021.40	56021.85156	56015.50647	56018.41406	504428.6	5409355.4
L4430.0	504428.6	5409357.1	85422.89844	240.05	51.47	48.837173	-86.939649	56057.00	56286.1	-36.12	56020.88	56021.33984	56014.57346	56017.45313	504428.6	5409357.1
L4430.0	504428.6	5409358.5	85423.00000	241.39	44.44	48.837186	-86.939650	56054.86	56286.1	-36.13	56018.73	56019.20313	56013.74585	56016.60156	504428.6	5409358.5
L4430.0	504428.6	5409358.5	85423.10156	242.24	47.47	48.837186	-86.939650	56053.39	56286.1	-36.14	56017.25	56017.73438	56012.87046	56015.69922	504428.6	5409358.5
L4430.0	504428.5	5409360.2	85423.20313	239.89	49.04	48.837201	-86.939650	56052.61	56286.1	-36.14	56016.46	56016.96094	56011.94613	56014.75000	504428.5	5409360.2
L4430.0	504428.5	5409362.2	85423.29688	239.50	48.56	48.837219	-86.939650	56051.21	56286.2	-36.15	56015.06	56015.57813	56011.05970	56013.83594	504428.5	5409362.2
L4430.0	504428.5	5409363.7	85423.39844	240.56	56.05	48.837232	-86.939650	56049.11	56286.2	-36.16	56012.95	56013.48828	56010.21802	56012.96875	504428.5	5409363.7
L4430.0	504428.5	5409363.7	85423.50000	240.45	56.05	48.837232	-86.939650	56047.20	56286.2	-36.17	56011.03	56011.58984	56009.36132	56012.08984	504428.5	5409363.7
L4430.0	504428.5	5409365.2	85423.60156	240.66	48.67	48.837246	-86.939651	56046.25	56286.2	-36.17	56010.08	56010.66016	56008.43778	56011.14063	504428.5	5409365.2
L4430.0	504428.4	5409366.6	85423.70313	238.08	47.54	48.837259	-86.939651	56044.13	56286.2	-36.18	56007.95	56008.55469	56007.59098	56010.26953	504428.4	5409366.6
L4430.0	504428.4	5409368.1	85423.79688	238.14	47.54	48.837272	-86.939651	56042.54	56286.2	-36.19	56006.35	56006.98438	56006.70716	56009.36328	504428.4	5409368.1
L4430.0	504428.4	5409369.3	85423.89844	237.84	58.3	48.837283	-86.939651	56041.58	56286.2	-36.19	56005.39	56006.05078	56005.77924	56008.41406	504428.4	5409369.3
L4430.0	504428.4	5409370.8	85424.00000	237.05	58.59	48.837296	-86.939652	56039.63	56286.2	-36.20	56003.43	56004.12500	56004.91682	56007.52734	504428.4	5409370.8
L4430.0	504428.4	5409370.8	85424.10156	235.67	58.43	48.837296	-86.939652	56038.09	56286.2	-36.21	56001.88	56002.60938	56004.02618	56006.61719	504428.4	5409370.8
L4430.0	504428.4	5409372.3	85424.20313	237.45	58.16	48.837310	-86.939652	56035.53	56286.2	-36.22	55999.31	56000.07422	56003.20294	56005.77344	504428.4	5409372.3
L4430.0	504428.3	5409374.7	85424.29688	238.11	58.16	48.837332	-86.939652	56034.64	56286.2	-36.23	55998.42	55999.21875	56002.26743	56004.81641	504428.3	5409374.7
L4430.0	504428.3	5409374.7	85424.39844	238.67	58.16	48.837332	-86.939652	56032.68	56286.2	-36.24	55996.44	55997.28125	56001.40464	56003.93359	504428.3	5409374.7
L4430.0	504428.3	5409376.2	85424.50000	238.81	42.54	48.837345	-86.939653	56031.51	56286.3	-36.25	55995.26	55996.14063	56000.48889	56002.99609	504428.3	5409376.2
L4430.0	504428.3	5409377.6	85424.60156	240.79	43.72	48.837358	-86.939653	56028.65	56286.3	-36.26	55992.39	55993.31641	55999.68656	56002.17578	504428.3	5409377.6
L4430.0	504428.3	5409377.6	85424.60156	240.79	43.61	48.837358	-86.939653	56027.56	56286.3	-36.26	55991.30	55992.27344	55998.76667	56001.23828	504428.3	5409377.6
L4430.0	504428.3	5409380.0	85424.79688	239.82	44.29	48.837379	-86.939653	56025.99	56286.3	-36.28	55989.71	55990.73047	55997.88161	56000.33594	504428.3	5409380.0
L4430.0	504428.3	5409381.4	85424.89844	241.50	50.41	48.837392	-86.939653	56023.14	56286.3	-36.29	55986.85	55987.91797	55997.08313	55999.51953	504428.3	5409381.4
L4430.0	504428.3	5409381.4	85425.00000	243.60	56.08	48.837392	-86.939653	56021.74	56286.3	-36.30	55985.44	55986.56250	55996.19030	55998.60938	504428.3	5409381.4
L4430.0	504428.3	5409382.9	85425.10156	242.69	56.08	48.837405	-86.939653	56020.31	56286.3	-36.31	55984.00	55985.17578	55995.30223	55997.70703	504428.3	5409382.9
L4430.0	504428.3	5409383.8	85425.20313	240.54	53.42	48.837414	-86.939653	56018.23	56286.3	-36.31	55981.91	55983.14063	55994.46071	55996.84766	504428.3	5409383.8
L4430.0	504428.3	5409385.5	85425.29688	240.16	53.42	48.837429	-86.939653	56015.77	56286.3	-36.32	55979.46	55980.75000	55993.64686	55996.01953	504428.3	5409385.5
L4430.0	504428.3	5409386.5	85425.39844	240.24	54.09	48.837438	-86.939653	56013.95	56286.3	-36.32	55977.63	55978.98047	55992.79584	55995.15234	504428.3	5409386.5
L4430.0	504428.3	5409387.9	85425.50000	239.25	49.18	48.837450	-86.939653	56012.69	56286.3	-36.33	55976.36	55977.77344	55991.91215	55994.25781	504428.3	5409387.9
L4430.0	504428.3	5409387.9	85425.60156	238.49	49.18	48.837450	-86.939653	56009.93	56286.3	-36.34	55973.60	55975.07813	55991.13298	55993.46484	504428.3	5409387.9
L4430.0	504428.3	5409389.6	85425.70313	239.91	55.72	48.837466	-86.939653	56008.21	56286.3	-36.34	55971.87	55973.41406	55990.29086	55992.60938	504428.3	5409389.6
L4430.0	504428.3	5409391.0	85425.79688	241.61	56.41	48.837478	-86.939653	56006.39	56286.3	-36.35	55970.04	55971.65234	55989.46167	55991.76953	504428.3	5409391.0
L4430.0	504428.3	5409392.7	85425.89844	242.01	56.41	48.837494	-86.939653	56003.33	56286.4	-36.35	55966.98	55968.66016	55988.72131	55991.01563	504428.3	5409392.7
L4430.0	504428.3	5409394.2	85426.00000	241.29	56.49	48.837507	-86.939652	56002.54	56286.4	-36.36	55966.18	55967.93359	55987.83771	55990.12500	504428.3	5409394.2
L4430.0	504428.3	5409394.2	85426.10156	240.36	56.49	48.837507	-86.939652	55999.66	56286.4	-36.37	55963.29	55965.11719	55987.10146	55989.37891	504428.3	5409394.2
L4430.0	504428.3	5409395.9	85426.20313	241.92	55.99	48.837522	-86.939652	55997.69	56286.4	-36.37	55961.31	55963.21484	55986.31318	55988.57813	504428.3	5409395.9
L4430.0	504428.3	5409396.9	85426.29688	242.08	56.28	48.837531	-86.939652	55996.20	56286.4	-36.38	55959.82	55961.80078	55985.50148	55987.75781	504428.3	5409396.9
L4430.0	504428.3	5409398.5	85426.39844	242.93	56.24	48.837546	-86.939652	55993.08	56286.4	-36.39	55956.69	55958.75000	55984.80904	55987.05859	504428.3	5409398.5
L4430.0	504428.3	5409399.7	85426.50000	242.48	56.24	48.837557	-86.939652	55991.57	56286.4	-36.40	55955.17	55957.30859	55984.01982	55986.26172	504428.3	5409399.7
L4430.0	504428.3	5409401.2	85426.60156	242.84	56.44	48.837570	-86.939652	55988.91	56286.4	-36.40	55952.51	55954.73047	55983.31784	55985.55469	504428.3	5409401.2
L4430.0	504428.3	5409402.4	85426.60156	242.84	56.5	48.837580	-86.939652	55987.44	56286.4	-36.40	55951.04	55953.34766	55982.54846	55984.77734	504428.3	5409402.4
L4430.0	504428.4	5409403.6	85426.79688	241.11	56.5	48.837591	-86.939652	55985.42	56286.4	-36.42	55949.00	55951.39063	55981.82971	55984.05469	504428.4	5409403.6
L4430.0	504428.4	5409405.0	85426.89844	242.48	56.46	48.837604	-86.939651	55982.08	56286.4	-36.42	55945.66	55948.13672	55981.21096	55983.42969	504428.4	5409405.0
L4430.0	504428.4	5409405.0	85427.00000	240.42	56.68	48.837604	-86.939651	55981.02	56286.4	-36.43	55944.59	55947.15625	55980.45495	55982.67188	504428.4	5409405.0
L4430.0	504428.4	5409406.5	85427.10156	240.88	56.89	48.837617	-86.939651	55978.09	56286.4	-36.44	55941.65	55944.30469	55979.83840	55982.05078	504428.4	5409406.5
L4430.0	504428.4	5409407.9	85427.20313	240.63	57.13	48.837630	-86.939651	55976.29	56286.4	-36.44	55939.84	55942.58594	55979.16205	55981.37109	504428.4	5409407.9
L4430.0	504428.4	5409409.3	85427.29688	240.69	57.09	48.837643	-86.939651	55973.46	56286.5	-36.45	55937.01	55939.84766	55978.57001	55980.77734	504428.4	5409409.3
L4430.0	504428.4	5409410.5	85427.39844	241.11	57.09	48.837653	-86.939651	55971.56	56286.5	-36.46	55935.10	55938.03125	55977.93368	55980.14063	504428.4	5409410.5
L4430.0	504428.4	5409411.7	85427.50000	242.56	57.09	48.837664	-86.939651	55970.57	56286.5	-36.47	55934.11	55937.13672	55977.25385	55979.46094	504428.4	5409411.7
L4430.0	504428.4	5409411.7	85427.60156	241.74	57.57	48.837664	-86.939651	55967.59	56286.5	-36.47	55931.11	55934.23438	55976.72662	55978.93359	504428.4	5409411.7
L4430.0	504428.4	5409413.2	85427.70313	240.77	58.41	48.837678	-86.939650	55966.12	56286.5	-36.48	55929.64	55932.85938	55976.11677	55978.32422	504428.4	5409413.2
L4430.0	504428.5	5409415.6	85427.79688	240.15	58.41	48.837699	-86.939650	55962.84	56286.5	-36.49	55926.35	55929.66797	55975.64841	55977.85547	504428.5	5409415.6
L4430.0	504428.5	5409415.6	85427.89844	240.42	56.11	48.837699	-86.939650	55961.74	56286.5	-36.49	55925.25	55928.66797	55975.05500	55977.26172	504428.5	5409415.6
L4430.0	504428.5	5409416.8	85428.00000	240.48	56.11	48.837710	-86.939650	55959.52	56286.5	-36.50	55923.02	55926.53516	55974.55866	55976.76953	504428.5	5409416.8
L4430.0	504428.5	5409417.5	85428.10156	238.61	57.87	48.837717	-86.939650	55957.24	56286.5	-36.51	55920.73	55924.34766	55974.08885	55976.30078	504428.5	5409417.5
L4430.0	504428.5	5409419.0	85428.20313	240.74	57.87	48.837729	-86.939650	55954.76	56286.5	-36.52	55918.25	55921.96875	55973.65501	55975.87109	504428.5	5409419.0
L4430.0	504428.5	5409420.4	85428.29688	239.76	57.9	48.837743	-86.939650	55953.20	56286.5	-36.52	55916.67	55920.49219	55973.18526	55975.40625	504428.5	5409420.4
L4430.0	504428.5	5409421.8	85428.39844	240.09	58.4	48.837756	-86.939650	55951.75	56286.5	-36.53	55915.22	55919.14453	55972.73171	55974.95703	504428.5	5409421.8
L4430.0	504428.5	5409423.1	85428.50000	240.20	44.16	48.837766	-86.939650	55949.50	56286.5	-36.54	55912.96	55916.98828	55972.35782	55974.58984	504428.5	5409423.1
L4430.0	504428.5	5409424.1	85428.60156	240.67	44.16	48.837775	-86.939650	55947.45	56286.5	-36.55	55910.90	55915.03125	55971.99700	55974.23438	504428.5	5409424.1
L4430.0	504428.5	5409425.5	85428.60156	240.67	43.65	48.837788	-86.939650	55946.67	56286.5	-36.55	55910.12	55914.35547	55971.57801	55973.82031	504428.5	5409425.5
L4430.0	504428.5	5409425.5	85428.79688	240.85	47.3	48.837788	-86.939650	55944.44	56286.6	-36.56	55907.88	55912.21875	55971.28428	55973.53125	504428.5	5409425.5
L4430.0	504428.5	5409427.1	85428.89844	240.06	47.3	48.837803	-86.939650	55942.65	56286.6	-36.57	55906.08	55910.52344	55970.98986	55973.24609	504428.5	5409427.1
L4430.0	504428.5	5409429.1	85429.00000	240.77	56.18	48.837821	-86.939650	55941.34	56286.6	-36.58	55904.76	55909.30859	55970.69282	55972.95703	504428.5	5409429.1
L4430.0	504428.5	5409430.6	85429.10156	239.74	56.18	48.837834	-86.939650	55939.18	56286.6	-36.59	55902.60	55907.25391	55970.48187	55972.75391	504428.5	5409430.6
L4430.0	504428.5	5409432.1	85429.20313	237.60	52.83	48.837847	-86.939650	55937.94	56286.6	-36.59	55901.35	55906.10938	55970.24101	55972.52344	504428.5	5409432.1
L4430.0	504428.5	5409432.1	85429.29688	237.13	56.35	48.837847	-86.939650	55937.16	56286.6	-36.60	55900.56	55905.42578	55970.00094	55972.29297	504428.5	5409432.1
L4430.0	504428.5	5409433.5	85429.39844	238.33	56.35	48.837861	-86.939650	55934.96	56286.6	-36.61	55898.35	55903.32031	55969.88762	55972.18750	504428.5	5409433.5
L4430.0	504428.5	5409435.0	85429.50000	239.06	56.99	48.837874	-86.939650	55933.70	56286.6	-36.62	55897.08	55902.15625	55969.74436	55972.05469	504428.5	5409435.0
L4430.0	504428.5	5409436.5	85429.60156	238.85	58.19	48.837887	-86.939650	55932.81	56286.6	-36.62	55896.19	55901.37500	55969.60909	55971.92969	504428.5	5409436.5

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4430.0	504428.5	5409437.2	85429.70313	239.96	46.05	48.837894	-86.939650	55931.34	56286.6	-36.63	55894.71	55900.00000	55969.54706	55971.87891	504428.5	5409437.2
L4430.0	504428.5	5409438.7	85429.79688	240.05	46.05	48.837907	-86.939650	55930.20	56286.6	-36.64	55893.57	55898.96484	55969.49681	55971.83984	504428.5	5409438.7
L4430.0	504428.5	5409440.1	85429.89844	240.96	45.34	48.837920	-86.939650	55929.82	56286.6	-36.64	55893.18	55898.67578	55969.43155	55971.78516	504428.5	5409440.1
L4430.0	504428.5	5409440.1	85430.00000	241.34	48.51	48.837920	-86.939650	55928.38	56286.7	-36.65	55891.73	55897.33203	55969.47241	55971.83984	504428.5	5409440.1
L4430.0	504428.5	5409441.9	85430.10156	242.42	48.51	48.837936	-86.939650	55928.00	56286.7	-36.65	55891.35	55897.05469	55969.47787	55971.85938	504428.5	5409441.9
L4430.0	504428.5	5409443.6	85430.20313	241.43	53.01	48.837951	-86.939649	55927.68	56286.7	-36.66	55891.02	55896.82813	55969.51633	55971.91016	504428.5	5409443.6
L4430.0	504428.5	5409444.5	85430.29688	242.95	48.06	48.837960	-86.939649	55927.02	56286.7	-36.67	55890.35	55896.26172	55969.61420	55972.02344	504428.5	5409444.5
L4430.0	504428.5	5409444.5	85430.39844	244.05	48.06	48.837960	-86.939649	55925.83	56286.7	-36.67	55889.16	55895.17188	55969.78381	55972.20703	504428.5	5409444.5
L4430.0	504428.5	5409446.1	85430.50000	244.40	53.54	48.837973	-86.939649	55925.88	56286.7	-36.68	55889.20	55895.31641	55969.90881	55972.34375	504428.5	5409446.1
L4430.0	504428.5	5409447.5	85430.60156	243.19	55.6	48.837986	-86.939649	55925.93	56286.7	-36.68	55889.25	55895.46484	55970.07080	55972.52344	504428.5	5409447.5
L4430.0	504428.5	5409448.7	85430.60156	243.19	56.1	48.837998	-86.939649	55925.52	56286.7	-36.68	55888.84	55895.15625	55970.30135	55972.76563	504428.5	5409448.7
L4430.0	504428.5	5409450.0	85430.79688	240.47	56.12	48.838009	-86.939649	55925.95	56286.7	-36.69	55889.26	55895.67188	55970.51463	55972.99609	504428.5	5409450.0
L4430.0	504428.6	5409451.2	85430.89844	240.84	56.18	48.838020	-86.939649	55926.23	56286.7	-36.69	55889.54	55896.05078	55970.77545	55973.27344	504428.6	5409451.2
L4430.0	504428.6	5409452.9	85431.00000	240.80	56.18	48.838035	-86.939648	55925.95	56286.7	-36.70	55889.25	55895.85547	55971.11258	55973.62500	504428.6	5409452.9
L4430.0	504428.6	5409453.9	85431.10156	240.07	55.94	48.838044	-86.939648	55926.69	56286.7	-36.71	55889.98	55896.68359	55971.42005	55973.94922	504428.6	5409453.9
L4430.0	504428.6	5409455.5	85431.20313	240.10	47.84	48.838058	-86.939648	55927.39	56286.7	-36.72	55890.67	55897.46875	55971.76854	55974.31641	504428.6	5409455.5
L4430.0	504428.6	5409456.7	85431.29688	239.82	47.84	48.838069	-86.939648	55927.85	56286.7	-36.73	55891.12	55898.01172	55972.17133	55974.73438	504428.6	5409456.7
L4430.0	504428.6	5409456.7	85431.39844	241.83	48.87	48.838069	-86.939648	55928.76	56286.7	-36.74	55892.01	55898.99219	55972.58299	55975.16406	504428.6	5409456.7
L4430.0	504428.6	5409458.4	85431.50000	241.44	52.4	48.838085	-86.939648	55929.95	56286.8	-36.75	55893.19	55900.26172	55973.01338	55975.61328	504428.6	5409458.4
L4430.0	504428.6	5409460.1	85431.60156	242.64	47.69	48.838100	-86.939648	55931.29	56286.8	-36.77	55894.52	55901.68359	55973.47164	55976.08984	504428.6	5409460.1
L4430.0	504428.6	5409460.1	85431.70313	240.85	47.69	48.838100	-86.939648	55931.70	56286.8	-36.78	55894.92	55902.16797	55974.02953	55976.66406	504428.6	5409460.1
L4430.0	504428.6	5409461.6	85431.79688	240.07	55.84	48.838113	-86.939647	55933.34	56286.8	-36.79	55896.55	55903.88672	55974.54274	55977.19531	504428.6	5409461.6
L4430.0	504428.6	5409463.1	85431.89844	240.88	55.79	48.838126	-86.939647	55935.21	56286.8	-36.80	55898.41	55905.83203	55975.07761	55977.75000	504428.6	5409463.1
L4430.0	504428.6	5409464.3	85432.00000	241.23	55.93	48.838137	-86.939647	55936.35	56286.8	-36.81	55899.54	55907.04297	55975.69776	55978.38672	504428.6	5409464.3
L4430.0	504428.6	5409465.7	85432.10156	241.82	55.93	48.838150	-86.939647	55938.47	56286.8	-36.81	55901.66	55909.24609	55976.28807	55978.99609	504428.6	5409465.7
L4430.0	504428.7	5409467.5	85432.20313	242.44	55.88	48.838166	-86.939647	55940.60	56286.8	-36.82	55903.78	55911.44531	55976.91406	55979.64453	504428.7	5409467.5
L4430.0	504428.7	5409467.5	85432.29688	242.78	55.47	48.838166	-86.939647	55942.22	56286.8	-36.82	55905.39	55913.13281	55977.60920	55980.35547	504428.7	5409467.5
L4430.0	504428.7	5409469.5	85432.39844	241.56	54.97	48.838184	-86.939647	55944.46	56286.8	-36.83	55907.63	55915.44922	55978.29692	55981.06641	504428.7	5409469.5
L4430.0	504428.7	5409470.9	85432.50000	240.57	54.97	48.838197	-86.939647	55947.15	56286.8	-36.83	55910.32	55918.21484	55978.98859	55981.77734	504428.7	5409470.9
L4430.0	504428.7	5409472.2	85432.60156	238.65	54.75	48.838209	-86.939647	55949.98	56286.8	-36.84	55913.14	55921.10938	55979.70488	55982.51172	504428.7	5409472.2
L4430.0	504428.7	5409472.2	85432.60156	238.65	55.1	48.838209	-86.939647	55951.47	56286.8	-36.84	55914.63	55922.67188	55980.54243	55983.37109	504428.7	5409472.2
L4430.0	504428.6	5409473.7	85432.79688	236.69	55.1	48.838222	-86.939647	55954.03	56286.8	-36.85	55917.18	55925.28906	55981.34115	55984.18750	504428.6	5409473.7
L4430.0	504428.6	5409475.6	85432.89844	238.69	54.62	48.838239	-86.939647	55957.55	56286.9	-36.86	55920.69	55928.86719	55982.10694	55984.97656	504428.6	5409475.6
L4430.0	504428.6	5409476.6	85433.00000	237.82	54.91	48.838248	-86.939647	55960.00	56286.9	-36.86	55923.14	55931.38281	55982.97362	55985.86328	504428.6	5409476.6
L4430.0	504428.6	5409477.8	85433.10156	238.61	55.03	48.838259	-86.939647	55963.34	56286.9	-36.87	55926.47	55934.77734	55983.81102	55986.72266	504428.6	5409477.8
L4430.0	504428.6	5409479.2	85433.20313	240.83	55.03	48.838272	-86.939647	55966.12	56286.9	-36.87	55929.25	55937.61719	55984.71358	55987.64453	504428.6	5409479.2
L4430.0	504428.6	5409480.2	85433.29688	241.54	54.82	48.838281	-86.939647	55969.69	56286.9	-36.88	55932.81	55941.23828	55985.59172	55988.54297	504428.6	5409480.2
L4430.0	504428.6	5409481.7	85433.39844	242.13	54.68	48.838294	-86.939647	55971.79	56286.9	-36.89	55934.90	55943.38281	55986.59448	55989.56641	504428.6	5409481.7
L4430.0	504428.6	5409483.1	85433.50000	242.18	54.68	48.838307	-86.939647	55975.13	56286.9	-36.90	55938.23	55946.76953	55987.54024	55990.53516	504428.6	5409483.1
L4430.0	504428.6	5409483.1	85433.60156	241.79	54.36	48.838307	-86.939647	55979.68	56286.9	-36.90	55942.78	55951.37500	55988.42932	55991.44531	504428.6	5409483.1
L4430.0	504428.6	5409484.4	85433.70313	242.62	40.77	48.838319	-86.939647	55981.86	56286.9	-36.91	55944.95	55953.59375	55989.50070	55992.53516	504428.6	5409484.4
L4430.0	504428.6	5409485.9	85433.79688	241.20	40.77	48.838332	-86.939647	55985.07	56286.9	-36.92	55948.15	55956.84375	55990.52602	55993.58203	504428.6	5409485.9
L4430.0	504428.6	5409486.8	85433.89844	240.21	40.11	48.838340	-86.939647	55990.13	56286.9	-36.92	55953.21	55961.94922	55991.44888	55994.52734	504428.6	5409486.8
L4430.0	504428.6	5409488.1	85434.00000	239.97	50.15	48.838351	-86.939647	55992.30	56286.9	-36.93	55955.37	55964.15625	55992.58555	55995.68750	504428.6	5409488.1
L4430.0	504428.6	5409489.5	85434.10156	240.39	51.01	48.838364	-86.939647	55995.94	56286.9	-36.93	55959.01	55967.83984	55993.64294	55996.76563	504428.6	5409489.5
L4430.0	504428.6	5409490.8	85434.20313	239.53	41.44	48.838376	-86.939647	56000.20	56286.9	-36.94	55963.26	55972.12891	55994.67796	55997.82422	504428.6	5409490.8
L4430.0	504428.6	5409492.2	85434.29688	238.63	41.44	48.838388	-86.939648	56003.50	56286.9	-36.94	55966.56	55975.46875	55995.79351	55998.96094	504428.6	5409492.2
L4430.0	504428.6	5409493.2	85434.39844	237.89	42.47	48.838397	-86.939648	56006.67	56286.9	-36.95	55969.72	55978.66406	55996.93448	56000.12109	504428.6	5409493.2
L4430.0	504428.6	5409495.1	85434.50000	238.05	46.57	48.838415	-86.939648	56011.04	56287	-36.95	55974.09	55983.06641	55998.00977	56001.21875	504428.6	5409495.1
L4430.0	504428.6	5409496.1	85434.60156	238.56	46.57	48.838423	-86.939648	56015.35	56287	-36.95	55978.39	55987.39844	55999.10360	56002.33594	504428.6	5409496.1
L4430.0	504428.6	5409497.3	85434.60156	238.56	42.64	48.838434	-86.939648	56017.52	56287	-36.95	55980.57	55989.60938	56000.35153	56003.60547	504428.6	5409497.3
L4430.0	504428.6	5409497.3	85434.79688	238.01	42.64	48.838434	-86.939648	56022.50	56287	-36.96	55985.54	55994.60547	56001.42512	56004.70313	504428.6	5409497.3
L4430.0	504428.6	5409498.6	85434.89844	237.91	42.38	48.838446	-86.939648	56024.98	56287	-36.97	55988.01	55997.10156	56002.67594	56005.97266	504428.5	5409498.6
L4430.0	504428.5	5409500.0	85435.00000	238.45	44.55	48.838459	-86.939648	56029.00	56287	-36.97	55992.03	56001.14453	56003.83290	56007.15234	504428.5	5409500.0
L4430.0	504428.5	5409501.5	85435.10156	239.75	45.45	48.838472	-86.939648	56033.53	56287	-36.98	55996.56	56005.69531	56004.96426	56008.30859	504428.5	5409501.5
L4430.0	504428.5	5409503.4	85435.20313	242.28	45.1	48.838489	-86.939649	56035.48	56287	-36.98	55998.49	56007.64453	56006.27628	56009.64063	504428.5	5409503.4
L4430.0	504428.5	5409504.3	85435.29688	243.57	45.1	48.838498	-86.939649	56040.04	56287	-36.99	56003.05	56012.22266	56007.41924	56010.80469	504428.5	5409504.3
L4430.0	504428.5	5409504.3	85435.39844	242.19	38.75	48.838498	-86.939649	56043.45	56287	-36.99	56006.45	56015.63672	56008.64476	56012.05469	504428.5	5409504.3
L4430.0	504428.5	5409505.8	85435.50000	244.17	38.91	48.838511	-86.939649	56046.88	56287	-37.00	56009.88	56019.07813	56009.87250	56013.30469	504428.5	5409505.8
L4430.0	504428.5	5409507.5	85435.60156	244.64	38.91	48.838526	-86.939649	56051.01	56287	-37.01	56014.00	56023.21094	56011.05745	56014.51172	504428.5	5409507.5
L4430.0	504428.5	5409508.7	85435.70313	243.80	50.54	48.838537	-86.939649	56053.95	56287	-37.01	56016.93	56026.14844	56012.32395	56015.80078	504428.5	5409508.7
L4430.0	504428.5	5409510.1	85435.79688	241.90	51.3	48.838550	-86.939649	56057.23	56287	-37.02	56020.21	56029.43359	56013.56839	56017.06641	504428.5	5409510.1
L4430.0	504428.5	5409511.4	85435.89844	242.60	52.31	48.838561	-86.939649	56060.98	56287	-37.02	56023.95	56033.17969	56014.78248	56018.30469	504428.5	5409511.4
L4430.0	504428.5	5409512.5	85436.00000	241.13	52.31	48.838571	-86.939649	56064.80	56287	-37.03	56027.77	56037.00000	56015.99065	56019.53516	504428.5	5409512.5
L4430.0	504428.5	5409512.5	85436.10156	239.45	40.33	48.838571	-86.939649	56067.14	56287	-37.04	56030.10	56039.33203	56017.29666	56020.86328	504428.5	5409512.5
L4430.0	504428.5	5409513.8	85436.20313	238.73	51.08	48.838583	-86.939649	56070.89	56287.1	-37.05	56033.84	56043.06641	56018.50632	56022.09375	504428.5	5409513.8
L4430.0	504428.5	5409515.4	85436.29688	239.97	51.08	48.838597	-86.939649	56073.34	56287.1	-37.07	56036.28	56045.50391	56019.79945	56023.41016	504428.5	5409515.4
L4430.0	504428.5	5409517.1	85436.39844	239.28	52.44	48.838613	-86.939649	56076.54	56287.1	-37.08	56039.46	56048.67969	56021.03924	56024.67188	504428.5	5409517.1
L4430.0	504428.5	5409518.3	85436.50000	238.69	42.85	48.838623	-86.939649	56080.58	56287.1	-37.09	56043.49	56052.70313	56022.21757	56025.87109	504428.5	5409518.3
L4430.0	504428.5	5409519.6	85436.60156	238.16	42.85	48.838635	-86.939649	56082.91	56287.1	-37.10	56045.80	56055.00000	56023.50500	56027.18359	504428.5	5409519.6
L4430.0	504428.5	5409519.6	85436.60156	238.16	44.72	48.838635	-86.939649	56086.64	56287.1	-37.10	56049.54	56058.73047	56024.69082	56028.39063	504428.5	5409519.6
L4430.0	504428.5	5409521.3	85436.79688	238.94	44.72	48.838650	-86.939649	56089.62	56287.1	-37.13	56052.49	56061.66797	56025.92231	56029.64453	504428.5	5409521.3
L4430.0	504428.5	5409522.7	85436.89844	239.20	52.61	48.838663	-86.939649	56091.02	56287.1	-37.14	56053.89	56063.05078	56027.24946	56030.99609	504428.5	5409522.7
L4430.0	504428.5	5409524.4	85437.00000	239.99	52.79	48.838678	-86.939649	56094.19	56287.2	-37.15	56057.04	56066.18750	56028.45163	56032.21875	504428.5	5409524.4
L4430.0	504428.5	5409525.1	85437.10156	238.12	52.99	48.838685	-86.939648	56096.64	56287.2	-37.16	56059.49	56068.61719	56029.69153	56033.48047	504428.5	5409525.1
L4430.0	504428.5	5409526.8	85437.20313	238.40	52.99	48.838700	-86.939648	56099.83	56287.2	-37.16	56062.67	56071.77734	56030.87324	56034.68359	504428.5	5409526.8
L4430.0	504428.5	5409526.8	85437.29688	237.11	52.58	48.838700	-86.939648	56103.35	56287.2	-37.17	56066.18	56075.26563	56032.02286	56035.85547	504428.5	5409526.8
L4430.0	504428.5	5409528.3	85437.39844	238.43	38.45	48.838713	-86.939648	56104.73	56287.2	-37.17	56067.56	56076.62109	56033.30386	56037.16016	504428.5	5409528.3
L4430.0	504428.5	5409529.8	85437.50000	237.13	38.45	48.838726	-86.939648	56107.27	56287.2	-37.18	56070.09	56079.12891	56034.49706	56038.37500	504428.5	5409529.8
L4430.0	504428.5	5409530.7	85437.60156	238.52	42.41	48.838735	-86.939648	56110.32	56287.2	-37.19	56073.14	56082.15234	56035.64398	56039.54688	504428.5	5409530.7
L4430.0	504428.5	5409531.9	85437.70313	238.64	42.41	48.838745	-86.939648	56112.38	56287.2	-37.19	56075.19	56084.17188	56036.84550	56040.76953	504428.5	5409531.9
L4430.0	504428.5	5409533.6	85437.79688	239.14	43.32	48.838761	-86.939648	56115.70	56287.2	-37.20	56078.50	56087.45313	56037.95053	56041.89844	504428.5	5409533.6
L4430.0	504428.5	5409534.8	85437.89844	238.88	43.32	48.838772	-86.939648	56116.39	56287.2	-37.20	56079.19	56088.11328	56039.21732	56043.18750	504428.5	5409534.8
L4430.0	504428.5	5409535.8	85438.00000	239.88	48.39	48.838780	-86.939648	56119.00	56287.2	-37.21	56081.79	56090.67969	56040.34351	56044.33594	504428.5	5409535.8
L4430.0	504428.6	5409537.3	85438.10156	238.31	41.49	48.838794	-86.939648	56122.80	56287.2	-37.21	56085.58	56094.43750	56041.37674	56045.39063	504428.6	5409537.3
L4430.0	504428.6	5409538.6	85438.20313	237.49	41.49	48.838805	-86.939648	56123.10	56287.2	-37.22	56085.88	56094.70313	56042.62869	56046.66406	504428.6	5409538.6
L4430.0	504428.6	5409538.6	85438.29688	236.21	46.54	48.838805	-86.939648	56124.68	56287.2	-37.22	56087.45	56096.23828	56043.78171	56047.83984	504428.6	5409538.6
L4430.0	504428.6	5409540.0	85438.39844	237.12	47.74	48.838818	-86.939647	56128.23	56287.2	-37.23	56091.01	56099.76172	56044.78752	56048.87109	504428.6	5409540.0
L4430.0	504428.6	5409541.7	85438.50000	238.96	47.04	48.838834	-86.939647	56129.32	56287.2	-37.23	56092.09	56100.80078	56045.94386	56050.04688	504428.6	5409541.7
L4430.0	504428.6	5409543.1	85438.60156	239.21	47.04	48.838847	-86.939647	56131.67	56287.2	-37.23	56094.43	56103.10156	56047.00115	56051.12891	504428.6	5409543.1
L4430.0	504428.6	5409544.4	85438.60156	239.21	47.16	48.838858	-86.939647	56132.74	56287.2	-37.23	56095.50	56104.13281	56048.12786	56052.27734	504428.6	5409544.4
L4430.0	504428.6	5409544.4	85438.79688	237.60	50.62	48.838858	-86.939647	56134.91	56287.2	-37.24	56097.67	56106.26172	56049.16576	56053.33594	504428.6	5409544.4
L4430.0	504428.6	5409545.9	85438.89844	238.84	44.64	48.838871	-86.939647	56137.26	56287.2	-37.25	56100.02	56108.57031	56050.17602	56054.37109	504428.6	5409545.9

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4430.0	504428.6	5409548.1	85439.00000	239.43	44.64	48.838891	-86.939647	56138.20	56287.3	-37.25	56100.95	56109.45703	56051.26515	56055.48438	504428.6	5409548.1
L4430.0	504428.6	5409548.1	85439.10156	239.97	45.4	48.838891	-86.939647	56140.53	56287.3	-37.26	56103.27	56111.73047	56052.24565	56056.48438	504428.6	5409548.1
L4430.0	504428.6	5409549.5	85439.20313	240.69	45.43	48.838904	-86.939647	56142.03	56287.3	-37.28	56104.75	56113.16797	56053.26608	56057.52734	504428.6	5409549.5
L4430.0	504428.6	5409550.9	85439.29688	238.61	46.09	48.838917	-86.939647	56143.68	56287.3	-37.29	56106.40	56114.77344	56054.25898	56058.54297	504428.6	5409550.9
L4430.0	504428.6	5409552.2	85439.39844	240.45	46.09	48.838928	-86.939646	56145.48	56287.3	-37.30	56108.18	56116.50391	56055.22692	56059.53516	504428.6	5409552.2
L4430.0	504428.6	5409553.6	85439.50000	239.00	46.15	48.838941	-86.939646	56146.81	56287.3	-37.31	56109.49	56117.76953	56056.20981	56060.54297	504428.6	5409553.6
L4430.0	504428.7	5409554.8	85439.60156	241.44	47.73	48.838952	-86.939646	56148.70	56287.3	-37.33	56111.37	56119.60156	56057.13826	56061.49219	504428.7	5409554.8
L4430.0	504428.7	5409555.8	85439.70313	242.67	55.86	48.838961	-86.939646	56148.72	56287.3	-37.34	56111.38	56119.56250	56058.17487	56062.55078	504428.7	5409555.8
L4430.0	504428.7	5409557.3	85439.79688	241.48	51.17	48.838974	-86.939646	56151.23	56287.4	-37.35	56113.87	56122.00391	56059.02960	56063.42969	504428.7	5409557.3
L4430.0	504428.7	5409558.9	85439.89844	239.86	51.17	48.838989	-86.939646	56152.24	56287.4	-37.37	56114.88	56122.96484	56059.96641	56064.39063	504428.7	5409558.9
L4430.0	504428.7	5409558.9	85440.00000	239.91	51.48	48.838989	-86.939646	56154.44	56287.4	-37.38	56117.06	56125.09766	56060.80861	56065.25391	504428.7	5409558.9
L4430.0	504428.7	5409560.6	85440.10156	239.86	53.5	48.839004	-86.939645	56154.19	56287.4	-37.39	56116.80	56124.78516	56061.79685	56066.26563	504428.7	5409560.6
L4430.0	504428.7	5409562.1	85440.20313	240.09	53.5	48.839017	-86.939645	56156.08	56287.4	-37.40	56118.68	56126.61719	56062.62580	56067.11719	504428.7	5409562.1
L4430.0	504428.7	5409563.2	85440.29688	237.91	57.67	48.839027	-86.939645	56157.81	56287.4	-37.41	56120.40	56128.28516	56063.44879	56067.96484	504428.7	5409563.2
L4430.0	504428.7	5409564.2	85440.39844	236.92	50.77	48.839036	-86.939645	56157.86	56287.4	-37.42	56120.44	56128.27344	56064.36717	56068.90625	504428.7	5409564.2
L4430.0	504428.7	5409565.6	85440.50000	238.22	52.02	48.839049	-86.939645	56159.70	56287.4	-37.43	56122.27	56130.05469	56065.14962	56069.71094	504428.7	5409565.6
L4430.0	504428.7	5409566.8	85440.60156	239.00	52.02	48.839060	-86.939646	56161.01	56287.4	-37.43	56123.58	56131.31250	56065.95016	56070.53516	504428.7	5409566.8
L4430.0	504428.7	5409566.8	85440.60156	239.00	57.46	48.839060	-86.939646	56162.29	56287.4	-37.43	56124.85	56132.53125	56066.73683	56071.34766	504428.7	5409566.8
L4430.0	504428.7	5409569.5	85440.79688	238.80	57.46	48.839083	-86.939646	56164.18	56287.5	-37.45	56126.72	56134.34766	56067.46701	56072.10156	504428.7	5409569.5
L4430.0	504428.6	5409570.6	85440.89844	238.40	45.91	48.839094	-86.939646	56163.50	56287.5	-37.46	56126.03	56133.60938	56068.35138	56073.00781	504428.6	5409570.6
L4430.0	504428.6	5409570.6	85441.00000	239.16	47.02	48.839094	-86.939646	56164.81	56287.5	-37.47	56127.34	56134.86719	56069.08601	56073.76563	504428.6	5409570.6
L4430.0	504428.6	5409572.1	85441.10156	237.74	45.76	48.839107	-86.939646	56166.76	56287.5	-37.48	56129.28	56136.75391	56069.76227	56074.46875	504428.6	5409572.1
L4430.0	504428.6	5409573.8	85441.20313	237.95	45.76	48.839122	-86.939646	56167.46	56287.5	-37.49	56129.97	56137.39453	56070.50556	56075.23438	504428.6	5409573.8
L4430.0	504428.6	5409574.5	85441.29688	239.34	40.64	48.839129	-86.939647	56167.57	56287.5	-37.49	56130.08	56137.45313	56071.27125	56076.02344	504428.6	5409574.5
L4430.0	504428.6	5409576.0	85441.39844	238.48	42.59	48.839142	-86.939647	56168.48	56287.5	-37.50	56130.97	56138.29297	56071.96875	56076.74609	504428.6	5409576.0
L4430.0	504428.6	5409577.4	85441.50000	238.95	46.36	48.839155	-86.939647	56169.89	56287.5	-37.51	56132.38	56139.65234	56072.61545	56077.41406	504428.6	5409577.4
L4430.0	504428.6	5409578.4	85441.60156	236.83	46.36	48.839164	-86.939647	56171.36	56287.5	-37.52	56133.84	56141.05859	56073.24274	56078.06641	504428.6	5409578.4
L4430.0	504428.5	5409579.7	85441.70313	235.53	57.42	48.839175	-86.939647	56171.95	56287.5	-37.53	56134.42	56141.58984	56073.91269	56078.76172	504428.5	5409579.7
L4430.0	504428.5	5409579.7	85441.79688	237.73	49.4	48.839175	-86.939647	56171.95	56287.5	-37.53	56134.41	56141.53125	56074.60603	56079.48047	504428.5	5409579.7
L4430.0	504428.5	5409581.8	85441.89844	237.72	40.22	48.839195	-86.939648	56173.22	56287.5	-37.54	56135.68	56142.75000	56075.19816	56080.09375	504428.5	5409581.8
L4430.0	504428.5	5409581.8	85442.00000	239.14	45.29	48.839195	-86.939648	56174.52	56287.6	-37.55	56136.97	56143.99219	56075.77315	56080.69531	504428.5	5409581.8
L4430.0	504428.5	5409584.2	85442.10156	238.57	45.29	48.839216	-86.939648	56175.78	56287.6	-37.56	56138.22	56145.19141	56076.33506	56081.28125	504428.5	5409584.2
L4430.0	504428.5	5409584.2	85442.20313	240.26	53.1	48.839216	-86.939648	56175.85	56287.6	-37.57	56138.27	56145.19531	56076.96130	56081.92969	504428.5	5409584.2
L4430.0	504428.5	5409586.7	85442.29688	241.04	57.14	48.839238	-86.939648	56175.61	56287.6	-37.59	56138.02	56144.89844	56077.59193	56082.58594	504428.5	5409586.7
L4430.0	504428.5	5409587.7	85442.39844	242.16	57.14	48.839247	-86.939648	56176.68	56287.6	-37.60	56139.08	56145.91016	56078.11970	56083.14063	504428.5	5409587.7
L4430.0	504428.5	5409589.4	85442.50000	242.17	57.28	48.839263	-86.939648	56177.94	56287.6	-37.61	56140.33	56147.11328	56078.61933	56083.66406	504428.5	5409589.4
L4430.0	504428.5	5409589.4	85442.60156	241.49	57.38	48.839263	-86.939648	56178.25	56287.6	-37.62	56140.62	56147.35938	56079.16756	56084.23438	504428.5	5409589.4
L4430.0	504428.5	5409591.3	85442.60156	241.49	57.29	48.839280	-86.939648	56179.23	56287.6	-37.62	56141.60	56148.29297	56079.65445	56084.74609	504428.5	5409591.3
L4430.0	504428.5	5409592.7	85442.79688	242.02	57.15	48.839293	-86.939648	56179.84	56287.6	-37.65	56142.19	56148.83594	56080.15208	56085.26953	504428.5	5409592.7
L4430.0	504428.5	5409592.7	85442.89844	241.71	57.15	48.839293	-86.939648	56180.65	56287.7	-37.66	56142.99	56149.59375	56080.62052	56085.76172	504428.5	5409592.7
L4430.0	504428.5	5409595.6	85443.00000	242.79	56.92	48.839319	-86.939648	56180.76	56287.7	-37.67	56143.09	56149.65234	56081.12049	56086.28906	504428.5	5409595.6
L4430.0	504428.5	5409595.6	85443.10156	242.63	56.92	48.839319	-86.939648	56181.21	56287.7	-37.68	56143.53	56150.04688	56081.58273	56086.77734	504428.5	5409595.6
L4430.0	504428.5	5409596.9	85443.20313	242.70	56.92	48.839330	-86.939648	56181.84	56287.7	-37.68	56144.16	56150.63672	56082.01730	56087.23438	504428.5	5409596.9
L4430.0	504428.5	5409598.3	85443.29688	241.78	56.6	48.839343	-86.939648	56182.92	56287.7	-37.69	56145.23	56151.66406	56082.40761	56087.65234	504428.5	5409598.3
L4430.0	504428.5	5409599.9	85443.39844	241.25	56.56	48.839357	-86.939648	56184.43	56287.7	-37.70	56146.74	56153.13672	56082.75373	56088.02344	504428.5	5409599.9
L4430.0	504428.5	5409599.9	85443.50000	241.34	56.66	48.839357	-86.939648	56183.38	56287.7	-37.70	56145.67	56152.02734	56083.25706	56088.55078	504428.5	5409599.9
L4430.0	504428.5	5409602.3	85443.60156	240.55	56.66	48.839378	-86.939648	56183.40	56287.7	-37.71	56145.69	56152.00781	56083.67299	56088.99219	504428.5	5409602.3
L4430.0	504428.5	5409602.3	85443.70313	239.50	56.49	48.839378	-86.939648	56184.36	56287.7	-37.72	56146.64	56152.92188	56084.01227	56089.35547	504428.5	5409602.3
L4430.0	504428.5	5409603.9	85443.79688	238.90	56.45	48.839394	-86.939648	56186.01	56287.7	-37.73	56148.28	56154.52344	56084.29097	56089.66016	504428.5	5409603.9
L4430.0	504428.5	5409605.4	85443.89844	239.76	56.45	48.839406	-86.939648	56186.06	56287.7	-37.73	56148.33	56154.53906	56084.66116	56090.05469	504428.5	5409605.4
L4430.0	504428.4	5409606.8	85444.00000	240.35	42.65	48.839419	-86.939648	56186.42	56287.7	-37.74	56148.68	56154.85547	56084.99691	56090.41797	504428.4	5409606.8
L4430.0	504428.4	5409608.2	85444.10156	240.42	43.6	48.839432	-86.939649	56186.58	56287.8	-37.75	56148.83	56154.97266	56085.33163	56090.77734	504428.4	5409608.2
L4430.0	504428.4	5409608.2	85444.20313	240.37	48.19	48.839432	-86.939649	56187.20	56287.8	-37.76	56149.44	56155.55078	56085.62141	56091.09375	504428.4	5409608.2
L4430.0	504428.4	5409610.9	85444.29688	239.34	51.82	48.839456	-86.939649	56187.08	56287.8	-37.77	56149.31	56155.38672	56085.94632	56091.44141	504428.4	5409610.9
L4430.0	504428.4	5409610.9	85444.39844	239.95	51.82	48.839456	-86.939649	56187.04	56287.8	-37.78	56149.25	56155.29688	56086.25244	56091.77344	504428.4	5409610.9
L4430.0	504428.4	5409612.1	85444.50000	239.06	55.37	48.839467	-86.939649	56188.00	56287.8	-37.79	56150.21	56156.23047	56086.47653	56092.02344	504428.4	5409612.1
L4430.0	504428.4	5409613.1	85444.60156	239.46	51.03	48.839476	-86.939649	56188.52	56287.8	-37.81	56150.71	56156.69922	56086.71735	56092.28906	504428.4	5409613.1
L4430.0	504428.4	5409614.7	85444.60156	239.46	51.15	48.839491	-86.939649	56188.56	56287.8	-37.81	56150.76	56156.72266	56086.97431	56092.57422	504428.4	5409614.7
L4430.0	504428.4	5409615.7	85444.79688	239.30	52.09	48.839500	-86.939649	56187.96	56287.8	-37.83	56150.13	56156.06641	56087.26285	56092.88672	504428.4	5409615.7
L4430.0	504428.4	5409617.4	85444.89844	238.79	52.09	48.839515	-86.939649	56188.34	56287.8	-37.84	56150.50	56156.41406	56087.47106	56093.12109	504428.4	5409617.4
L4430.0	504428.4	5409617.4	85445.00000	239.53	53.66	48.839515	-86.939649	56188.31	56287.8	-37.85	56150.46	56156.34766	56087.69305	56093.36719	504428.4	5409617.4
L4430.0	504428.4	5409619.1	85445.10156	237.93	45.17	48.839530	-86.939649	56188.79	56287.9	-37.86	56150.93	56156.79688	56087.86759	56093.57031	504428.4	5409619.1
L4430.0	504428.4	5409620.5	85445.20313	238.24	45.17	48.839543	-86.939649	56189.35	56287.9	-37.87	56151.49	56157.33594	56088.02278	56093.75000	504428.4	5409620.5
L4430.0	504428.4	5409621.0	85445.29688	238.52	48.37	48.839547	-86.939649	56189.49	56287.9	-37.87	56151.61	56157.43359	56088.19407	56093.94531	504428.4	5409621.0
L4430.0	504428.3	5409622.7	85445.39844	239.17	42.26	48.839562	-86.939650	56189.48	56287.9	-37.88	56151.60	56157.40625	56088.36090	56094.13672	504428.3	5409622.7
L4430.0	504428.3	5409624.1	85445.50000	239.26	42.26	48.839575	-86.939650	56189.93	56287.9	-37.89	56152.04	56157.82813	56088.48474	56094.28906	504428.3	5409624.1
L4430.0	504428.3	5409625.4	85445.60156	238.93	45.95	48.839587	-86.939650	56188.18	56287.9	-37.90	56150.28	56156.05078	56088.74237	56094.57031	504428.3	5409625.4
L4430.0	504428.3	5409626.1	85445.70313	238.56	49.27	48.839593	-86.939650	56188.77	56287.9	-37.91	56150.86	56156.61328	56088.83124	56094.68359	504428.3	5409626.1
L4430.0	504428.3	5409627.6	85445.79688	240.29	49.27	48.839606	-86.939650	56189.21	56287.9	-37.91	56151.30	56157.03906	56088.91683	56094.79688	504428.3	5409627.6
L4430.0	504428.3	5409629.0	85445.89844	240.32	45.23	48.839619	-86.939650	56189.56	56287.9	-37.92	56151.63	56157.35547	56088.99725	56094.90234	504428.3	5409629.0
L4430.0	504428.3	5409630.5	85446.00000	240.45	44.41	48.839632	-86.939650	56189.48	56287.9	-37.93	56151.55	56157.26563	56089.09265	56095.01953	504428.3	5409630.5
L4430.0	504428.3	5409631.7	85446.10156	240.68	39.36	48.839643	-86.939651	56188.84	56287.9	-37.94	56150.90	56156.60547	56089.21383	56095.16797	504428.3	5409631.7
L4430.0	504428.2	5409632.7	85446.20313	241.63	43.35	48.839652	-86.939651	56188.74	56288	-37.95	56150.79	56156.48438	56089.28693	56095.26563	504428.2	5409632.7
L4430.0	504428.2	5409634.0	85446.29688	240.94	43.35	48.839664	-86.939651	56187.72	56288	-37.96	56149.76	56155.44531	56089.40943	56095.41406	504428.2	5409634.0
L4430.0	504428.2	5409634.0	85446.39844	239.07	47.78	48.839664	-86.939651	56188.28	56288	-37.97	56150.31	56155.98828	56089.41479	56095.44141	504428.2	5409634.0
L4430.0	504428.2	5409635.5	85446.50000	240.45	46.21	48.839677	-86.939651	56188.21	56288	-37.99	56150.22	56155.89063	56089.45118	56095.50391	504428.2	5409635.5
L4430.0	504428.2	5409636.6	85446.60156	241.32	46.21	48.839687	-86.939651	56187.89	56288	-38.00	56149.89	56155.55859	56089.49207	56095.57031	504428.2	5409636.6
L4430.0	504428.2	5409638.2	85446.60156	241.32	48.73	48.839702	-86.939651	56187.57	56288	-38.00	56149.58	56155.24219	56089.52027	56095.62109	504428.2	5409638.2
L4430.0	504428.2	5409639.9	85446.79688	240.22	44.43	48.839717	-86.939651	56187.93	56288	-38.02	56149.91	56155.57031	56089.49461	56095.62109	504428.2	5409639.9
L4430.0	504428.2	5409641.4	85446.89844	239.07	49.3	48.839730	-86.939652	56186.75	56288	-38.03	56148.72	56154.37891	56089.55923	56095.71094	504428.2	5409641.4
L4430.0	504428.2	5409641.4	85447.00000	241.07	48.72	48.839730	-86.939652	56187.19	56288	-38.04	56149.15	56154.80859	56089.50496	56095.67969	504428.2	5409641.4
L4430.0	504428.2	5409643.3	85447.10156	239.20	48.72	48.839747	-86.939652	56186.21	56288	-38.05	56148.17	56153.82813	56089.53395	56095.73047	504428.2	5409643.3
L4430.0	504428.2	5409643.3	85447.20313	241.68	43.7	48.839747	-86.939652	56186.19	56288.1	-38.05	56148.14	56153.80078	56089.48901	56095.71094	504428.2	5409643.3
L4430.0	504428.2	5409644.5	85447.29688	240.58	41.81	48.839758	-86.939652	56186.01	56288.1	-38.06	56147.95	56153.61328	56089.44431	56095.68750	504428.2	5409644.5
L4430.0	504428.2	5409646.0	85447.39844	239.82	46.78	48.839772	-86.939651	56186.34	56288.1	-38.06	56148.28	56153.94922	56089.35466	56095.62109	504428.2	5409646.0
L4430.0	504428.2	5409647.1	85447.50000	238.50	39.62	48.839782	-86.939651	56184.38	56288.1	-38.07	56146.31	56151.98438	56089.40821	56095.69922	504428.2	5409647.1
L4430.0	504428.2	5409649.6	85447.60156	238.93	39.62	48.839804	-86.939651	56184.32	56288.1	-38.08	56146.24	56151.91797	56089.32512	56095.64063	504428.2	5409649.6
L4430.0	504428.2	5409650.7	85447.70313	237.58	47.76	48.839814	-86.939651	56185.93	56288.1	-38.08	56147.85	56153.53516	56089.12020	56095.45703	504428.2	5409650.7
L4430.0	504428.2	5409650.7	85447.79688	239.72	50.64	48.839814	-86.939651	56183.80	56288.1	-38.09	56145.71	56151.40625	56089.15561	56095.51563	504428.2	5409650.7
L4430.0	504428.2	5409652.0	85447.89844	239.08	50.64	48.839826	-86.939651	56183.28	56288.1	-38.09	56145.18	56150.88281	56089.07415	56095.45703	504428.2	5409652.0
L4430.0	504428.2	5409653.2	85448.00000	238.31	40.91	48.839837	-86.939652	56184.17	56288.1	-38.10	56146.07	56151.78516	56088.88865	56095.29297	504428.2	5409653.2
L4430.0	504428.2	5409655.2	85448.10156	237.19	40.91	48.839855	-86.939652	56183.25	56288.1	-38.10	56145.15	56150.87500	56088.81458	56095.23828	504428.2	5409655.2
L4430.0	504428.1	5409656.7	85448.20313	236.73	51.19	48.839868	-86.939652	56182.21	56288.1	-38.11	56144.10	56149.83594	56088.74008	56095.18750	504428.1	5409656.7

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4430.0	504428.1	5409657.7	85448.29688	238.23	51.19	48.839877	-86.939652	56182.59	56288.1	-38.11	56144.48	56150.23047	56088.56131	56095.03125	504428.1	5409657.7
L4430.0	504428.1	5409659.2	85448.39844	238.19	51.21	48.839890	-86.939652	56181.77	56288.1	-38.12	56143.65	56149.41406	56088.45439	56094.94531	504428.1	5409659.2
L4430.0	504428.1	5409659.2	85448.50000	238.33	51.21	48.839890	-86.939652	56181.09	56288.1	-38.13	56142.97	56148.75000	56088.32880	56094.83984	504428.1	5409659.2
L4430.0	504428.1	5409660.8	85448.60156	237.82	50.25	48.839905	-86.939652	56180.75	56288.1	-38.13	56142.62	56148.41406	56088.17268	56094.70313	504428.1	5409660.8
L4430.0	504428.1	5409662.4	85448.60156	237.82	45.28	48.839920	-86.939652	56180.88	56288.1	-38.13	56142.75	56148.55859	56087.97616	56094.52734	504428.1	5409662.4
L4430.0	504428.1	5409662.4	85448.79688	236.80	42.08	48.839920	-86.939652	56180.04	56288.1	-38.14	56141.90	56147.72656	56087.83670	56094.40625	504428.1	5409662.4
L4430.0	504428.1	5409663.8	85448.89844	236.67	42.08	48.839932	-86.939652	56180.06	56288.1	-38.15	56141.92	56147.76563	56087.63110	56094.21875	504428.1	5409663.8
L4430.0	504428.1	5409665.3	85449.00000	238.91	43.04	48.839945	-86.939652	56179.02	56288.2	-38.15	56140.87	56146.73438	56087.48882	56094.09766	504428.1	5409665.3
L4430.0	504428.1	5409666.5	85449.10156	240.45	43.04	48.839956	-86.939653	56178.87	56288.2	-38.16	56140.71	56146.59375	56087.27931	56093.90625	504428.1	5409666.5
L4430.0	504428.1	5409667.9	85449.20313	241.18	48.31	48.839969	-86.939653	56177.96	56288.2	-38.17	56139.80	56145.70313	56087.11203	56093.75781	504428.1	5409667.9
L4430.0	504428.1	5409667.9	85449.29688	240.49	50.33	48.839969	-86.939653	56177.66	56288.2	-38.18	56139.49	56145.41406	56086.89709	56093.56250	504428.1	5409667.9
L4430.0	504428.0	5409670.3	85449.39844	241.15	50.33	48.839991	-86.939653	56176.95	56288.2	-38.19	56138.77	56144.71484	56086.70194	56093.38281	504428.0	5409670.3
L4430.0	504428.0	5409670.3	85449.50000	240.29	50.22	48.839991	-86.939653	56176.77	56288.2	-38.19	56138.58	56144.54688	56086.46403	56093.16406	504428.0	5409670.3
L4430.0	504428.0	5409671.3	85449.60156	239.61	50.6	48.840000	-86.939653	56176.54	56288.2	-38.20	56138.34	56144.32813	56086.22212	56092.93750	504428.0	5409671.3
L4430.0	504428.0	5409672.9	85449.70313	238.93	50.6	48.840014	-86.939653	56175.26	56288.2	-38.21	56137.05	56143.06250	56086.04301	56092.77344	504428.0	5409672.9
L4430.0	504428.0	5409674.3	85449.79688	238.36	49.67	48.840027	-86.939653	56175.18	56288.2	-38.22	56136.96	56142.99609	56085.77678	56092.52344	504428.0	5409674.3
L4430.0	504428.0	5409675.3	85449.89844	236.65	48.33	48.840035	-86.939654	56174.93	56288.2	-38.23	56136.70	56142.75781	56085.51486	56092.27734	504428.0	5409675.3
L4430.0	504428.0	5409676.7	85450.00000	235.69	48.32	48.840049	-86.939654	56174.12	56288.2	-38.24	56135.88	56141.96094	56085.28337	56092.06250	504428.0	5409676.7
L4430.0	504428.0	5409676.7	85450.10156	234.92	48.32	48.840049	-86.939654	56173.23	56288.2	-38.25	56134.98	56141.08594	56085.05039	56091.84375	504428.0	5409676.7
L4430.0	504428.0	5409679.8	85450.20313	235.13	45.59	48.840076	-86.939654	56173.24	56288.3	-38.26	56134.98	56141.10938	56084.75067	56091.55859	504428.0	5409679.8
L4430.0	504428.0	5409679.8	85450.29688	236.24	46.02	48.840076	-86.939654	56172.44	56288.3	-38.27	56134.17	56140.32422	56084.49832	56091.32031	504428.0	5409679.8
L4430.0	504428.0	5409681.3	85450.39844	237.50	46.02	48.840089	-86.939654	56171.97	56288.3	-38.28	56133.69	56139.87109	56084.21742	56091.05078	504428.0	5409681.3
L4430.0	504428.0	5409682.7	85450.50000	239.66	54.78	48.840102	-86.939654	56172.20	56288.3	-38.28	56133.91	56140.11719	56083.88338	56090.73047	504428.0	5409682.7
L4430.0	504428.0	5409684.2	85450.60156	240.64	55.41	48.840115	-86.939654	56171.21	56288.3	-38.29	56132.92	56139.15234	56083.62364	56090.48438	504428.0	5409684.2
L4430.0	504428.0	5409685.4	85450.60156	240.64	54.5	48.840127	-86.939654	56171.23	56288.3	-38.29	56132.94	56139.19531	56083.29026	56090.16016	504428.0	5409685.4
L4430.0	504428.0	5409685.4	85450.79688	241.10	41.9	48.840127	-86.939654	56170.12	56288.3	-38.31	56131.81	56138.08984	56083.02734	56089.91016	504428.0	5409685.4
L4430.0	504428.0	5409686.8	85450.89844	240.63	46.62	48.840139	-86.939654	56169.32	56288.3	-38.32	56131.00	56137.30859	56082.73695	56089.62891	504428.0	5409686.8
L4430.0	504428.0	5409688.2	85451.00000	239.41	46.62	48.840152	-86.939654	56169.02	56288.3	-38.33	56130.69	56137.02344	56082.40718	56089.31250	504428.0	5409688.2
L4430.0	504428.0	5409689.9	85451.10156	239.16	46.62	48.840167	-86.939654	56169.14	56288.3	-38.34	56130.80	56137.15625	56082.04345	56088.95703	504428.0	5409689.9
L4430.0	504428.0	5409689.9	85451.20313	240.56	49.06	48.840167	-86.939654	56167.94	56288.3	-38.34	56129.60	56135.98047	56081.76116	56088.68359	504428.0	5409689.9
L4430.0	504428.0	5409691.4	85451.29688	239.52	45.89	48.840180	-86.939654	56167.35	56288.4	-38.35	56129.00	56135.40625	56081.43307	56088.36328	504428.0	5409691.4
L4430.0	504428.0	5409692.8	85451.39844	238.93	46.47	48.840193	-86.939654	56166.95	56288.4	-38.36	56128.60	56135.03125	56081.08594	56088.02344	504428.0	5409692.8
L4430.0	504428.0	5409694.2	85451.50000	239.68	50.86	48.840206	-86.939654	56166.71	56288.4	-38.36	56128.35	56134.80469	56080.72317	56087.66797	504428.0	5409694.2
L4430.0	504428.0	5409695.7	85451.60156	238.77	50.86	48.840219	-86.939654	56165.42	56288.4	-38.37	56127.05	56133.53125	56080.42485	56087.37891	504428.0	5409695.7
L4430.0	504428.0	5409695.7	85451.70313	239.27	46.64	48.840219	-86.939654	56164.86	56288.4	-38.38	56126.48	56132.98438	56080.07241	56087.03125	504428.0	5409695.7
L4430.0	504428.0	5409698.3	85451.79688	239.33	47.85	48.840243	-86.939654	56164.97	56288.4	-38.39	56126.58	56133.10547	56079.66994	56086.63281	504428.0	5409698.3
L4430.0	504428.0	5409698.3	85451.89844	239.22	54.79	48.840243	-86.939654	56163.59	56288.4	-38.39	56125.19	56131.73828	56079.36153	56086.33203	504428.0	5409698.3
L4430.0	504427.9	5409699.8	85452.00000	240.83	47.59	48.840256	-86.939654	56162.68	56288.4	-38.40	56124.28	56130.85156	56079.01596	56085.98828	504427.9	5409699.8
L4430.0	504427.9	5409701.7	85452.10156	239.39	47.59	48.840273	-86.939654	56162.06	56288.4	-38.40	56123.66	56130.25391	56078.64597	56085.62500	504427.9	5409701.7
L4430.0	504427.9	5409701.7	85452.20313	239.65	49.09	48.840273	-86.939654	56161.92	56288.4	-38.41	56123.51	56130.12109	56078.23969	56085.21875	504427.9	5409701.7
L4430.0	504427.9	5409704.1	85452.29688	238.98	51.03	48.840295	-86.939655	56161.72	56288.4	-38.41	56123.31	56129.94141	56077.83188	56084.81641	504427.9	5409704.1
L4430.0	504427.9	5409704.1	85452.39844	239.27	55.54	48.840295	-86.939655	56160.16	56288.4	-38.42	56121.74	56128.39063	56077.51066	56084.49609	504427.9	5409704.1
L4430.0	504427.9	5409705.8	85452.50000	241.21	55.71	48.840310	-86.939655	56160.28	56288.4	-38.42	56121.86	56128.53125	56077.07215	56084.05859	504427.9	5409705.8
L4430.0	504427.9	5409707.3	85452.60156	239.70	55.71	48.840323	-86.939655	56159.50	56288.4	-38.42	56121.07	56127.75781	56076.68979	56083.67578	504427.9	5409707.3
L4430.0	504427.9	5409708.5	85452.60156	239.70	53.6	48.840334	-86.939655	56158.11	56288.4	-38.42	56119.69	56126.39453	56076.34240	56083.32813	504427.9	5409708.5
L4430.0	504427.9	5409710.0	85452.79688	239.86	53.6	48.840348	-86.939655	56157.10	56288.4	-38.43	56118.67	56125.39063	56075.96676	56082.94922	504427.9	5409710.0
L4430.0	504427.9	5409710.0	85452.89844	241.18	47.63	48.840348	-86.939655	56157.63	56288.4	-38.44	56119.19	56125.92578	56075.48436	56082.46484	504427.9	5409710.0
L4430.0	504427.9	5409711.6	85453.00000	239.91	49.56	48.840362	-86.939655	56156.06	56288.4	-38.44	56117.61	56124.35938	56075.13800	56082.11719	504427.9	5409711.6
L4430.0	504427.9	5409713.1	85453.10156	240.48	49.56	48.840376	-86.939655	56153.99	56288.4	-38.45	56115.54	56122.30469	56074.82050	56081.79688	504427.9	5409713.1
L4430.0	504427.9	5409714.6	85453.20313	239.92	52.5	48.840389	-86.939654	56154.73	56288.5	-38.46	56116.28	56123.05469	56074.31203	56081.28516	504427.9	5409714.6
L4430.0	504427.9	5409716.0	85453.29688	240.71	50.33	48.840402	-86.939654	56154.34	56288.5	-38.47	56115.87	56122.65625	56073.87674	56080.84375	504427.9	5409716.0
L4430.0	504427.9	5409717.0	85453.39844	239.70	50.33	48.840410	-86.939654	56152.72	56288.5	-38.48	56114.25	56121.04297	56073.51882	56080.48047	504427.9	5409717.0
L4430.0	504427.9	5409718.5	85453.50000	239.53	55.57	48.840424	-86.939654	56151.48	56288.5	-38.49	56112.99	56119.79297	56073.13377	56080.08984	504427.9	5409718.5
L4430.0	504427.9	5409718.5	85453.60156	239.58	57.56	48.840424	-86.939654	56151.48	56288.5	-38.49	56112.98	56119.78906	56072.66245	56079.60938	504427.9	5409718.5
L4430.0	504427.9	5409720.3	85453.70313	238.48	57.56	48.840441	-86.939654	56150.15	56288.5	-38.50	56111.65	56118.46484	56072.27638	56079.21484	504427.9	5409720.3
L4430.0	504427.9	5409721.9	85453.79688	238.36	55.05	48.840455	-86.939654	56150.11	56288.5	-38.51	56111.60	56118.41797	56071.80244	56078.73438	504427.9	5409721.9
L4430.0	504428.0	5409723.1	85453.89844	238.91	55.05	48.840465	-86.939654	56148.16	56288.5	-38.52	56109.64	56116.46094	56071.45351	56078.37500	504428.0	5409723.1
L4430.0	504428.0	5409723.1	85454.00000	240.11	55.87	48.840465	-86.939654	56146.88	56288.5	-38.53	56108.35	56115.17188	56071.05779	56077.96875	504428.0	5409723.1
L4430.0	504428.0	5409725.5	85454.10156	240.07	57.16	48.840487	-86.939653	56146.57	56288.5	-38.53	56108.04	56114.86328	56070.59485	56077.49609	504428.0	5409725.5
L4430.0	504428.0	5409725.5	85454.20313	239.27	57.16	48.840487	-86.939653	56146.22	56288.5	-38.53	56107.69	56114.51172	56070.13291	56077.02344	504428.0	5409725.5
L4430.0	504428.0	5409727.0	85454.29688	239.27	53.43	48.840501	-86.939653	56144.86	56288.5	-38.53	56106.33	56113.14844	56069.73690	56076.61328	504428.0	5409727.0
L4430.0	504428.0	5409728.0	85454.39844	237.89	52.4	48.840510	-86.939653	56143.38	56288.5	-38.53	56104.85	56111.66406	56069.34771	56076.21094	504428.0	5409728.0
L4430.0	504428.0	5409729.5	85454.50000	239.15	56.04	48.840524	-86.939653	56142.64	56288.5	-38.53	56104.11	56110.91406	56068.90827	56075.75781	504428.0	5409729.5
L4430.0	504428.0	5409731.1	85454.60156	238.97	56.04	48.840538	-86.939653	56141.89	56288.5	-38.54	56103.36	56110.15625	56068.46883	56075.30469	504428.0	5409731.1
L4430.0	504428.0	5409732.6	85454.60156	238.97	49.3	48.840551	-86.939653	56141.41	56288.5	-38.54	56102.87	56109.65625	56068.01167	56074.83203	504428.0	5409732.6
L4430.0	504428.0	5409732.6	85454.79688	239.84	49.3	48.840551	-86.939653	56140.07	56288.5	-38.54	56101.54	56108.31641	56067.61039	56074.41406	504428.0	5409732.6
L4430.0	504428.1	5409734.4	85454.89844	239.35	49.3	48.840567	-86.939652	56137.21	56288.5	-38.54	56098.68	56105.44141	56067.31126	56074.09766	504428.1	5409734.4
L4430.0	504428.1	5409735.6	85455.00000	239.51	49.7	48.840578	-86.939652	56137.37	56288.5	-38.54	56098.83	56105.57422	56066.81190	56073.58203	504428.1	5409735.6
L4430.0	504428.1	5409736.7	85455.10156	238.01	52.32	48.840587	-86.939652	56136.08	56288.5	-38.54	56097.54	56104.26953	56066.40927	56073.16016	504428.1	5409736.7
L4430.0	504428.1	5409737.9	85455.20313	237.76	52.32	48.840598	-86.939652	56135.06	56288.6	-38.55	56096.51	56103.21875	56065.99032	56072.72266	504428.1	5409737.9
L4430.0	504428.1	5409739.2	85455.29688	239.12	49.46	48.840610	-86.939652	56133.56	56288.6	-38.56	56095.00	56101.68750	56065.60468	56072.31641	504428.1	5409739.2
L4430.0	504428.1	5409740.3	85455.39844	240.28	47.9	48.840620	-86.939652	56132.71	56288.6	-38.56	56094.15	56100.81641	56065.17664	56071.86719	504428.1	5409740.3
L4430.0	504428.1	5409741.5	85455.50000	241.10	44.46	48.840631	-86.939652	56132.16	56288.6	-38.56	56093.60	56100.24219	56064.73051	56071.39844	504428.1	5409741.5
L4430.0	504428.1	5409742.8	85455.60156	242.26	44.46	48.840643	-86.939652	56129.73	56288.6	-38.57	56091.16	56097.77344	56064.41259	56071.05859	504428.1	5409742.8
L4430.0	504428.1	5409744.1	85455.70313	241.72	45.39	48.840654	-86.939652	56130.13	56288.6	-38.57	56091.55	56098.13672	56063.90851	56070.53125	504428.1	5409744.1
L4430.0	504428.1	5409745.7	85455.79688	241.92	54.47	48.840669	-86.939652	56128.59	56288.6	-38.58	56090.01	56096.56641	56063.53591	56070.13672	504428.1	5409745.7
L4430.0	504428.1	5409746.5	85455.89844	241.23	54.47	48.840676	-86.939652	56127.25	56288.6	-38.58	56088.67	56095.19141	56063.15309	56069.73047	504428.1	5409746.5
L4430.0	504428.1	5409746.5	85456.00000	240.96	54.1	48.840676	-86.939652	56127.42	56288.6	-38.59	56088.83	56095.31641	56062.67370	56069.22656	504428.1	5409746.5
L4430.0	504428.1	5409748.2	85456.10156	240.52	50.84	48.840691	-86.939652	56125.32	56288.6	-38.59	56086.73	56093.17969	56062.34869	56068.87500	504428.1	5409748.2
L4430.0	504428.1	5409749.2	85456.20313	239.41	49.39	48.840700	-86.939652	56124.20	56288.6	-38.60	56085.60	56092.01172	56061.96304	56068.46094	504428.1	5409749.2
L4430.0	504428.1	5409750.6	85456.29688	239.47	49.39	48.840713	-86.939652	56122.77	56288.6	-38.60	56084.17	56090.54297	56061.60171	56068.07422	504428.1	5409750.6
L4430.0	504428.0	5409751.7	85456.39844	240.01	47.84	48.840723	-86.939652	56122.44	56288.6	-38.61	56083.83	56090.16016	56061.17233	56067.61719	504428.0	5409751.7
L4430.0	504428.0	5409752.8	85456.50000	238.76	46.57	48.840732	-86.939652	56120.63	56288.6	-38.61	56082.01	56088.29297	56060.84652	56067.26172	504428.0	5409752.8
L4430.0	504428.0	5409754.6	85456.60156	237.75	46.57	48.840749	-86.939652	56120.42	56288.6	-38.62	56081.80	56088.03906	56060.41857	56066.80469	504428.0	5409754.6
L4430.0	504428.0	5409754.6	85456.60156	237.75	52.66	48.840749	-86.939652	56119.66	56288.6	-38.62	56081.04	56087.23047	56060.03277	56066.39063	504428.0	5409754.6
L4430.0	504428.0	5409756.3	85456.79688	239.66	52.66	48.840764	-86.939652	56118.34	56288.6	-38.63	56079.71	56085.84766	56059.69072	56066.01953	504428.0	5409756.3
L4430.0	504428.0	5409757.7	85456.89844	241.10	52.74	48.840777	-86.939652	56117.00	56288.6	-38.64	56078.37	56084.45703	56059.35536	56065.65234	504428.0	5409757.7
L4430.0	504428.0	5409759.1	85457.00000	239.85	52.74	48.840789	-86.939653	56116.15	56288.6	-38.64	56077.51	56083.53906	56058.99430	56065.26172	504428.0	5409759.1
L4430.0	504428.0	5409760.6	85457.10156	238.91	52.74	48.840803	-86.939653	56115.76	56288.6	-38.64	56077.11	56083.08203	56058.60913	56064.84375	504428.0	5409760.6
L4430.0	504428.0	5409762.1	85457.20313	239.00	49	48.840816	-86.939653	56115.01	56288.6	-38.65	56076.36	56082.27344	56058.25410	56064.45703	504428.0	5409762.1
L4430.0	504428.0	5409762.1	85457.29688	239.73	49.08	48.840816	-86.939653	56114.27	56288.7	-38.65	56075.62	56081.47266	56057.90546	56064.07422	504428.0	5409762.1
L4430.0	504428.0	5409763.8	85457.39844	238.77	49.08	48.840832	-86.939653	56113.04	56288.7	-38.66	56074.38	56080.17188	56057.59745	56063.73438	504428.0	5409763.8
L4430.0	504428.0	5409764.9	85457.50000	239.31	46.67	48.840842	-86.939653	56112.27	56288.7	-38.66	56073.61	56079.33594	56057.26564	56063.37109	504428.0	5409764.9

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4430.0	504428.0	5409766.5	85457.60156	237.30	49.92	48.840856	-86.939653	56111.44	56288.7	-38.66	56072.77	56078.42578	56056.94624	56063.01563	504428.0	5409766.5
L4430.0	504428.0	5409768.1	85457.70313	239.02	49.92	48.840870	-86.939653	56110.98	56288.7	-38.67	56072.31	56077.89844	56056.60948	56062.64453	504428.0	5409768.1
L4430.0	504428.0	5409768.1	85457.79688	237.92	49.92	48.840870	-86.939653	56109.34	56288.7	-38.67	56070.67	56076.18750	56056.35955	56062.35938	504428.0	5409768.1
L4430.0	504428.0	5409769.9	85457.89844	238.75	50.51	48.840886	-86.939652	56110.08	56288.7	-38.68	56071.40	56076.84375	56055.95999	56061.92578	504428.0	5409769.9
L4430.0	504428.0	5409771.2	85458.00000	240.33	52.95	48.840898	-86.939652	56108.38	56288.7	-38.68	56069.70	56075.07031	56055.73100	56061.66016	504428.0	5409771.2
L4430.0	504428.1	5409773.0	85458.10156	238.68	52.95	48.840915	-86.939652	56108.36	56288.7	-38.68	56069.67	56074.96484	56055.39941	56061.29297	504428.1	5409773.0
L4430.0	504428.1	5409773.0	85458.20313	239.19	43.11	48.840915	-86.939652	56107.52	56288.7	-38.69	56068.83	56074.04688	56055.13073	56060.98828	504428.1	5409773.0
L4430.0	504428.1	5409774.4	85458.29688	239.71	43.11	48.840927	-86.939651	56106.20	56288.7	-38.69	56067.51	56072.64453	56054.90312	56060.72266	504428.1	5409774.4
L4430.0	504428.1	5409775.9	85458.39844	239.67	43.11	48.840941	-86.939651	56106.31	56288.7	-38.70	56067.61	56072.66406	56054.59007	56060.37500	504428.1	5409775.9
L4430.0	504428.1	5409777.3	85458.50000	240.19	48.94	48.840953	-86.939651	56105.80	56288.7	-38.70	56067.10	56072.07031	56054.32705	56060.07422	504428.1	5409777.3
L4430.0	504428.1	5409777.3	85458.60156	238.27	53.62	48.840953	-86.939651	56105.98	56288.7	-38.70	56067.27	56072.15234	56054.02821	56059.73828	504428.1	5409777.3
L4430.0	504428.2	5409779.7	85458.60156	238.27	53.62	48.840975	-86.939650	56104.56	56288.7	-38.70	56065.86	56070.65625	56053.84433	56059.51563	504428.2	5409779.7
L4430.0	504428.2	5409780.9	85458.79688	240.22	53.65	48.840986	-86.939650	56104.46	56288.7	-38.71	56065.75	56070.45703	56053.58353	56059.21875	504428.2	5409780.9
L4430.0	504428.2	5409782.4	85458.89844	239.77	53.65	48.840999	-86.939650	56103.59	56288.7	-38.72	56064.88	56069.49609	56053.38326	56058.98047	504428.2	5409782.4
L4430.0	504428.2	5409783.8	85459.00000	239.80	50.33	48.841012	-86.939650	56103.37	56288.7	-38.72	56064.65	56069.17188	56053.15028	56058.70703	504428.2	5409783.8
L4430.0	504428.2	5409783.8	85459.10156	240.70	50.33	48.841012	-86.939650	56103.09	56288.7	-38.73	56064.37	56068.80078	56052.93068	56058.44922	504428.2	5409783.8
L4430.0	504428.2	5409785.6	85459.20313	239.18	52.92	48.841028	-86.939649	56103.37	56288.7	-38.73	56064.64	56068.97266	56052.68456	56058.16797	504428.2	5409785.6
L4430.0	504428.3	5409787.0	85459.29688	238.97	52.92	48.841040	-86.939649	56103.55	56288.7	-38.74	56064.81	56069.04688	56052.45533	56057.89844	504428.3	5409787.0
L4430.0	504428.3	5409788.4	85459.39844	237.86	51.85	48.841053	-86.939649	56103.64	56288.7	-38.75	56064.90	56069.03906	56052.24172	56057.64844	504428.3	5409788.4
L4430.0	504428.3	5409789.9	85459.50000	238.42	51.85	48.841066	-86.939649	56102.56	56288.8	-38.76	56063.80	56067.83984	56052.11781	56057.48438	504428.3	5409789.9
L4430.0	504428.3	5409789.9	85459.60156	239.21	51.93	48.841066	-86.939649	56102.57	56288.8	-38.76	56063.80	56067.73828	56051.93099	56057.26172	504428.3	5409789.9
L4430.0	504428.3	5409791.1	85459.70313	238.55	51.8	48.841077	-86.939648	56102.13	56288.8	-38.77	56063.36	56067.19531	56051.78399	56057.07422	504428.3	5409791.1
L4430.0	504428.3	5409792.7	85459.79688	237.65	51.8	48.841092	-86.939648	56102.23	56288.8	-38.78	56063.45	56067.18359	56051.61219	56056.86719	504428.3	5409792.7
L4430.0	504428.3	5409794.2	85459.89844	236.74	51.8	48.841106	-86.939648	56101.76	56288.8	-38.78	56062.97	56066.59766	56051.48897	56056.70703	504428.3	5409794.2
L4430.0	504428.3	5409794.2	85460.00000	237.95	51.87	48.841106	-86.939648	56101.90	56288.8	-38.79	56063.11	56066.63281	56051.33505	56056.51563	504428.3	5409794.2
L4430.0	504428.3	5409795.6	85460.10156	239.05	52.07	48.841118	-86.939648	56101.98	56288.8	-38.79	56063.18	56066.59766	56051.19648	56056.33984	504428.3	5409795.6
L4430.0	504428.3	5409797.1	85460.20313	239.22	52.07	48.841131	-86.939648	56102.06	56288.8	-38.80	56063.26	56066.56641	56051.06795	56056.17188	504428.3	5409797.1
L4430.0	504428.3	5409798.7	85460.29688	238.52	51.89	48.841146	-86.939648	56102.49	56288.8	-38.80	56063.69	56066.89063	56050.92684	56055.99609	504428.3	5409798.7
L4430.0	504428.3	5409798.7	85460.39844	239.03	53.48	48.841146	-86.939648	56101.44	56288.8	-38.81	56062.63	56065.71875	56050.89585	56055.92578	504428.3	5409798.7
L4430.0	504428.3	5409799.9	85460.50000	238.53	53.48	48.841157	-86.939648	56102.41	56288.8	-38.81	56063.60	56066.57813	56050.74035	56055.73438	504428.3	5409799.9
L4430.0	504428.3	5409801.1	85460.60156	240.26	52.94	48.841167	-86.939648	56102.23	56288.8	-38.81	56063.42	56066.28516	56050.67237	56055.63281	504428.3	5409801.1
L4430.0	504428.4	5409802.2	85460.60156	240.26	52.61	48.841178	-86.939647	56101.20	56288.8	-38.81	56062.39	56065.14453	56050.67195	56055.59375	504428.4	5409802.2
L4430.0	504428.4	5409803.9	85460.79688	240.33	53.02	48.841192	-86.939647	56101.20	56288.8	-38.82	56062.38	56065.01953	56050.61444	56055.50391	504428.4	5409803.9
L4430.0	504428.4	5409805.3	85460.89844	239.57	53.02	48.841205	-86.939647	56101.85	56288.8	-38.83	56063.03	56065.55859	56050.52387	56055.37891	504428.4	5409805.3
L4430.0	504428.4	5409805.3	85461.00000	240.07	52.98	48.841205	-86.939647	56102.31	56288.8	-38.83	56063.48	56065.89453	56050.45760	56055.27734	504428.4	5409805.3
L4430.0	504428.4	5409806.8	85461.10156	241.23	52.98	48.841218	-86.939647	56102.41	56288.8	-38.83	56063.57	56065.86719	56050.42632	56055.21094	504428.4	5409806.8
L4430.0	504428.3	5409808.4	85461.20313	241.14	52.6	48.841233	-86.939647	56101.86	56288.8	-38.83	56063.02	56065.20313	56050.44873	56055.20313	504428.3	5409808.4
L4430.0	504428.3	5409808.4	85461.29688	240.78	52.6	48.841233	-86.939647	56100.89	56288.8	-38.84	56062.06	56064.12500	56050.50950	56055.23047	504428.3	5409808.4
L4430.0	504428.3	5409809.8	85461.39844	240.21	52.46	48.841246	-86.939648	56101.75	56288.8	-38.84	56062.91	56064.85938	56050.46066	56055.14844	504428.3	5409809.8
L4430.0	504428.3	5409811.5	85461.50000	240.49	49.28	48.841261	-86.939648	56102.20	56288.8	-38.84	56063.36	56065.19141	56050.44954	56055.10547	504428.3	5409811.5
L4430.0	504428.3	5409812.9	85461.60156	240.33	49.28	48.841274	-86.939648	56102.74	56288.8	-38.84	56063.90	56065.61719	56050.44350	56055.07031	504428.3	5409812.9
L4430.0	504428.2	5409814.3	85461.70313	239.12	47.34	48.841286	-86.939649	56101.98	56288.8	-38.84	56063.14	56064.73828	56050.53520	56055.13281	504428.2	5409814.3
L4430.0	504428.2	5409815.5	85461.79688	239.21	47.34	48.841297	-86.939649	56101.57	56288.8	-38.85	56062.72	56064.20313	56050.61531	56055.18359	504428.2	5409815.5
L4430.0	504428.2	5409817.0	85461.89844	237.41	42.54	48.841310	-86.939650	56101.93	56288.8	-38.85	56063.08	56064.44531	56050.65448	56055.19531	504428.2	5409817.0
L4430.0	504428.2	5409817.0	85462.00000	238.91	42.81	48.841310	-86.939650	56101.81	56288.8	-38.85	56062.96	56064.20703	56050.73672	56055.25000	504428.2	5409817.0
L4430.0	504428.1	5409818.4	85462.10156	238.81	42.81	48.841323	-86.939650	56102.23	56288.9	-38.86	56063.37	56064.50000	56050.79465	56055.28125	504428.1	5409818.4
L4430.0	504428.1	5409819.8	85462.20313	238.58	47.99	48.841336	-86.939650	56103.65	56288.9	-38.86	56064.79	56065.80078	56050.79625	56055.25781	504428.1	5409819.8
L4430.0	504428.1	5409821.3	85462.29688	237.11	49.36	48.841349	-86.939651	56101.65	56288.9	-38.87	56062.78	56063.67578	56051.03748	56055.47266	504428.1	5409821.3
L4430.0	504428.1	5409822.7	85462.39844	235.62	49.36	48.841361	-86.939651	56102.48	56288.9	-38.87	56063.61	56064.38672	56051.10029	56055.51172	504428.1	5409822.7
L4430.0	504428.1	5409822.7	85462.50000	237.57	47.17	48.841361	-86.939651	56103.22	56288.9	-38.88	56064.34	56065.00000	56051.18063	56055.57031	504428.1	5409822.7
L4430.0	504428.0	5409824.1	85462.60156	236.70	46.15	48.841375	-86.939652	56103.57	56288.9	-38.89	56064.69	56065.23438	56051.29709	56055.66406	504428.0	5409824.1
L4430.0	504428.0	5409825.6	85462.60156	236.70	46.15	48.841387	-86.939652	56103.70	56288.9	-38.89	56064.81	56065.23828	56051.43959	56055.78516	504428.0	5409825.6
L4430.0	504428.0	5409827.2	85462.79688	234.99	46.16	48.841402	-86.939652	56104.48	56288.9	-38.90	56065.58	56065.89063	56051.54936	56055.87500	504428.0	5409827.2
L4430.0	504427.9	5409828.6	85462.89844	235.79	47.72	48.841415	-86.939653	56105.62	56288.9	-38.90	56066.72	56066.91797	56051.64497	56055.95313	504427.9	5409828.6
L4430.0	504427.9	5409829.8	85463.00000	236.34	47.72	48.841426	-86.939653	56105.92	56288.9	-38.91	56067.01	56067.08984	56051.80762	56056.09766	504427.9	5409829.8
L4430.0	504427.9	5409829.8	85463.10156	238.29	45.35	48.841426	-86.939653	56106.54	56288.9	-38.91	56067.62	56067.58594	56051.95918	56056.23438	504427.9	5409829.8
L4430.0	504427.9	5409831.5	85463.20313	238.74	45.35	48.841441	-86.939654	56107.14	56288.9	-38.92	56068.22	56068.07422	56052.12151	56056.37891	504427.9	5409831.5
L4430.0	504427.8	5409833.2	85463.29688	239.65	44.14	48.841456	-86.939654	56107.84	56288.9	-38.92	56068.92	56068.66016	56052.28708	56056.53125	504427.8	5409833.2
L4430.0	504427.8	5409833.2	85463.39844	240.50	48.74	48.841456	-86.939654	56108.00	56288.9	-38.93	56069.08	56068.70703	56052.49841	56056.73047	504427.8	5409833.2
L4430.0	504427.8	5409834.4	85463.50000	241.14	49.58	48.841467	-86.939655	56109.64	56288.9	-38.93	56070.71	56070.22656	56052.62127	56056.84375	504427.8	5409834.4
L4430.0	504427.8	5409836.1	85463.60156	239.67	49.58	48.841482	-86.939655	56108.94	56288.9	-38.93	56070.00	56069.40625	56052.90947	56057.12109	504427.8	5409836.1
L4430.0	504427.8	5409837.2	85463.70313	237.75	49.58	48.841492	-86.939655	56110.56	56288.9	-38.94	56071.62	56070.91406	56053.05143	56057.25391	504427.8	5409837.2
L4430.0	504427.8	5409838.8	85463.79688	236.26	42.92	48.841507	-86.939655	56110.09	56288.9	-38.94	56071.15	56070.33594	56053.34157	56057.53516	504427.8	5409838.8
L4430.0	504427.8	5409838.8	85463.89844	236.00	47.11	48.841507	-86.939655	56111.34	56288.9	-38.95	56072.39	56071.46484	56053.52630	56057.71484	504427.8	5409838.8
L4430.0	504427.7	5409840.5	85464.00000	236.70	47.11	48.841522	-86.939656	56112.81	56288.9	-38.95	56073.86	56072.82813	56053.70400	56057.88672	504427.7	5409840.5
L4430.0	504427.7	5409842.1	85464.10156	238.20	48.54	48.841536	-86.939656	56114.30	56289	-38.96	56075.34	56074.20313	56053.88904	56058.07031	504427.7	5409842.1
L4430.0	504427.7	5409843.3	85464.20313	237.77	48.52	48.841547	-86.939656	56115.40	56289	-38.96	56076.44	56075.19531	56054.10710	56058.28906	504427.7	5409843.3
L4430.0	504427.7	5409844.4	85464.29688	238.13	48.52	48.841557	-86.939656	56115.95	56289	-38.97	56076.98	56075.63281	56054.36985	56058.55078	504427.7	5409844.4
L4430.0	504427.7	5409844.4	85464.39844	237.71	43.78	48.841557	-86.939656	56117.59	56289	-38.97	56078.61	56077.16016	56054.56695	56058.75000	504427.7	5409844.4
L4430.0	504427.7	5409845.8	85464.50000	236.99	43.78	48.841569	-86.939656	56117.61	56289	-38.98	56078.63	56077.07422	56054.87803	56059.06250	504427.7	5409845.8
L4430.0	504427.7	5409847.3	85464.60156	236.13	43.06	48.841583	-86.939656	56119.32	56289	-38.99	56080.33	56078.67578	56055.08339	56059.27344	504427.7	5409847.3
L4430.0	504427.7	5409848.6	85464.60156	236.13	44.76	48.841594	-86.939656	56122.01	56289	-38.99	56083.03	56081.27344	56055.22795	56059.42578	504427.7	5409848.6
L4430.0	504427.7	5409850.0	85464.79688	236.46	44.76	48.841607	-86.939656	56121.98	56289	-39.00	56082.98	56081.12500	56055.56132	56059.76563	504427.7	5409850.0
L4430.0	504427.7	5409850.0	85464.89844	236.81	49.09	48.841607	-86.939656	56122.59	56289	-39.00	56083.59	56081.63672	56055.85574	56060.07031	504427.7	5409850.0
L4430.0	504427.7	5409851.3	85465.00000	238.27	49.09	48.841619	-86.939656	56124.98	56289	-39.01	56085.97	56083.92188	56056.03677	56060.26172	504427.7	5409851.3
L4430.0	504427.7	5409853.2	85465.10156	239.20	46.6	48.841636	-86.939656	56126.51	56289	-39.01	56087.49	56085.34766	56056.27931	56060.51953	504427.7	5409853.2
L4430.0	504427.7	5409854.6	85465.20313	239.00	43.74	48.841649	-86.939655	56127.91	56289	-39.02	56088.90	56086.66406	56056.53289	56060.78516	504427.7	5409854.6
L4430.0	504427.7	5409854.6	85465.29688	238.16	43.74	48.841649	-86.939655	56128.66	56289	-39.02	56089.64	56087.30859	56056.83439	56061.10547	504427.7	5409854.6
L4430.0	504427.7	5409856.2	85465.39844	238.26	46.22	48.841663	-86.939655	56130.43	56289	-39.03	56091.41	56088.98828	56057.06999	56061.35938	504427.7	5409856.2
L4430.0	504427.8	5409857.4	85465.50000	236.95	48.35	48.841674	-86.939655	56131.55	56289	-39.03	56092.52	56090.00781	56057.35188	56061.66016	504427.8	5409857.4
L4430.0	504427.8	5409857.4	85465.60156	237.47	48.35	48.841674	-86.939655	56133.59	56289	-39.03	56094.56	56091.96094	56057.57355	56061.90625	504427.8	5409857.4
L4430.0	504427.8	5409858.9	85465.70313	237.02	48.78	48.841687	-86.939655	56134.16	56289	-39.04	56095.12	56092.43359	56057.89518	56062.25000	504427.8	5409858.9
L4430.0	504427.8	5409860.3	85465.79688	236.95	37.89	48.841699	-86.939655	56135.45	56289	-39.04	56096.40	56093.62500	56058.16960	56062.55078	504427.8	5409860.3
L4430.0	504427.8	5409861.7	85465.89844	235.37	47.94	48.841712	-86.939654	56138.13	56289	-39.05	56099.08	56096.22266	56058.35095	56062.75781	504427.8	5409861.7
L4430.0	504427.8	5409863.3	85466.00000	235.15	47.94	48.841727	-86.939654	56139.84	56289.1	-39.05	56100.79	56097.84766	56058.59673	56063.03516	504427.8	5409863.3
L4430.0	504427.8	5409864.5	85466.10156	235.42	47.42	48.841737	-86.939654	56140.40	56289.1	-39.05	56101.35	56098.32813	56058.91841	56063.38672	504427.8	5409864.5
L4430.0	504427.8	5409864.5	85466.20313	235.73	45.17	48.841737	-86.939654	56141.82	56289.1	-39.06	56102.76	56099.65625	56059.18214	56063.68359	504427.8	5409864.5
L4430.0	504427.8	5409867.3	85466.29688	235.89	44.45	48.841763	-86.939654	56143.01	56289.1	-39.06	56103.95	56100.76953	56059.45874	56063.99609	504427.8	5409867.3
L4430.0	504427.8	5409867.3	85466.39844	237.44	44.45	48.841763	-86.939654	56144.70	56289.1	-39.06	56105.64	56102.37891	56059.69968	56064.27344	504427.8	5409867.3
L4430.0	504427.9	5409869.9	85466.50000	238.73	51.27	48.841786	-86.939654	56146.81	56289.1	-39.07	56107.74	56104.40234	56059.91044	56064.52344	504427.9	5409869.9
L4430.0	504427.9	5409869.9	85466.60156	238.43	51.27	48.841786	-86.939654	56148.60	56289.1	-39.07	56109.53	56106.11719	56060.13851	56064.79297	504427.9	5409869.9
L4430.0	504427.9	5409870.8	85466.60156	238.43	45.52	48.841794	-86.939653	56149.51	56289.1	-39.07	56110.44	56106.95703	56060.42136	56065.12109	504427.9	5409870.8
L4430.0	504427.9	5409872.0	85466.79688	239.31	45.52	48.841805	-86.939653	56150.01	56289.1	-39.07	56110.93	56107.37500	56060.72781	56065.46875	504427.9	5409872.0

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4430.0	504427.9	5409873.4	85466.89844	239.18	52.11	48.841817	-86.939653	56150.90	56289.1	-39.08	56111.82	56108.19531	56061.00269	56065.79297	504427.9	5409873.4
L4430.0	504427.9	5409874.8	85467.00000	241.15	51.99	48.841830	-86.939653	56153.87	56289.1	-39.08	56114.79	56111.09375	56061.13350	56065.97266	504427.9	5409874.8
L4430.0	504427.9	5409874.8	85467.10156	239.15	51.99	48.841830	-86.939653	56154.94	56289.1	-39.09	56115.85	56112.08594	56061.38574	56066.27734	504427.9	5409874.8
L4430.0	504427.9	5409876.9	85467.20313	239.71	52.37	48.841849	-86.939653	56156.27	56289.1	-39.09	56117.17	56113.33984	56061.61424	56066.55859	504427.9	5409876.9
L4430.0	504427.9	5409878.1	85467.29688	238.84	52.51	48.841860	-86.939653	56157.67	56289.1	-39.10	56118.57	56114.67578	56061.83053	56066.82813	504427.9	5409878.1
L4430.0	504427.9	5409879.4	85467.39844	238.50	52.56	48.841872	-86.939653	56158.85	56289.1	-39.10	56119.74	56115.78516	56062.05478	56067.10938	504427.9	5409879.4
L4430.0	504427.9	5409879.4	85467.50000	238.20	52.82	48.841872	-86.939653	56160.08	56289.1	-39.11	56120.97	56116.95313	56062.26721	56067.38281	504427.9	5409879.4
L4430.0	504427.9	5409881.3	85467.60156	238.42	52.82	48.841889	-86.939653	56161.19	56289.1	-39.12	56122.07	56117.99219	56062.48003	56067.65625	504427.9	5409881.3
L4430.0	504427.9	5409882.7	85467.70313	237.66	37.72	48.841901	-86.939652	56161.86	56289.1	-39.12	56122.74	56118.60156	56062.71277	56067.94922	504427.9	5409882.7
L4430.0	504427.9	5409883.7	85467.79688	237.48	39.98	48.841910	-86.939652	56163.45	56289.1	-39.13	56124.32	56120.12500	56062.87566	56068.17969	504427.9	5409883.7
L4430.0	504427.9	5409884.6	85467.89844	238.26	39.98	48.841918	-86.939652	56164.96	56289.1	-39.13	56125.82	56121.57031	56063.03429	56068.40625	504427.9	5409884.6
L4430.0	504427.9	5409886.0	85468.00000	238.03	41.8	48.841931	-86.939652	56166.51	56289.1	-39.14	56127.37	56123.06250	56063.17956	56068.62109	504427.9	5409886.0
L4430.0	504428.0	5409887.4	85468.10156	238.00	44.25	48.841944	-86.939652	56167.08	56289.1	-39.14	56127.94	56123.57813	56063.37974	56068.89063	504428.0	5409887.4
L4430.0	504428.0	5409887.4	85468.20313	237.70	50.67	48.841944	-86.939652	56167.89	56289.1	-39.14	56128.75	56124.33594	56063.55310	56069.13672	504428.0	5409887.4
L4430.0	504428.0	5409888.8	85468.29688	238.31	50.67	48.841956	-86.939652	56169.19	56289.1	-39.14	56130.04	56125.57813	56063.68326	56069.34375	504428.0	5409888.8
L4430.0	504428.0	5409890.5	85468.39844	237.40	50.41	48.841972	-86.939651	56169.44	56289.1	-39.14	56130.30	56125.78906	56063.87051	56069.60547	504428.0	5409890.5
L4430.0	504428.0	5409890.5	85468.50000	237.96	49.83	48.841972	-86.939651	56170.22	56289.1	-39.15	56131.07	56126.50781	56064.01184	56069.82813	504428.0	5409890.5
L4430.0	504428.0	5409892.6	85468.60156	238.46	49.9	48.841990	-86.939651	56171.89	56289.1	-39.15	56132.75	56128.14063	56064.08024	56069.97656	504428.0	5409892.6
L4430.0	504428.0	5409893.8	85468.60156	238.46	49.9	48.842001	-86.939651	56172.64	56289.1	-39.15	56133.49	56128.83594	56064.19871	56070.17578	504428.0	5409893.8
L4430.0	504428.0	5409895.0	85468.79688	239.46	49.9	48.842012	-86.939651	56174.42	56289.1	-39.15	56135.27	56130.57422	56064.23494	56070.29688	504428.0	5409895.0
L4430.0	504428.0	5409896.7	85468.89844	237.73	47.87	48.842027	-86.939651	56175.34	56289.1	-39.15	56136.19	56131.44922	56064.31529	56070.46484	504428.0	5409896.7
L4430.0	504428.1	5409897.9	85469.00000	236.73	48.59	48.842038	-86.939650	56174.09	56289.2	-39.15	56134.94	56130.15625	56064.52682	56070.76563	504428.1	5409897.9
L4430.0	504428.1	5409899.0	85469.10156	237.74	45.26	48.842048	-86.939650	56175.30	56289.2	-39.15	56136.15	56131.32813	56064.56057	56070.89063	504428.1	5409899.0
L4430.0	504428.1	5409899.0	85469.20313	238.64	34.87	48.842048	-86.939650	56176.80	56289.2	-39.15	56137.64	56132.77734	56064.56164	56070.98438	504428.1	5409899.0
L4430.0	504428.1	5409900.5	85469.29688	237.82	34.87	48.842062	-86.939650	56177.21	56289.2	-39.15	56138.05	56133.15234	56064.62043	56071.13672	504428.1	5409900.5
L4430.0	504428.1	5409901.7	85469.39844	237.11	34.47	48.842073	-86.939650	56177.51	56289.2	-39.15	56138.36	56133.42578	56064.67139	56071.28125	504428.1	5409901.7
L4430.0	504428.1	5409903.1	85469.50000	237.68	34.47	48.842085	-86.939650	56178.63	56289.2	-39.15	56139.47	56134.50000	56064.65429	56071.36328	504428.1	5409903.1
L4430.0	504428.1	5409905.0	85469.60156	238.27	36.44	48.842102	-86.939650	56179.33	56289.2	-39.16	56140.17	56135.16406	56064.64962	56071.45703	504428.1	5409905.0
L4430.0	504428.1	5409906.4	85469.70313	238.88	38.74	48.842115	-86.939650	56178.25	56289.2	-39.16	56139.09	56134.05078	56064.74850	56071.65625	504428.1	5409906.4
L4430.0	504428.1	5409906.4	85469.79688	240.80	36	48.842115	-86.939650	56178.56	56289.2	-39.16	56139.40	56134.32813	56064.73945	56071.75000	504428.1	5409906.4
L4430.0	504428.1	5409907.4	85469.89844	241.04	36	48.842123	-86.939650	56179.50	56289.2	-39.16	56140.34	56135.23828	56064.67295	56071.78906	504428.1	5409907.4
L4430.0	504428.1	5409909.2	85470.00000	241.43	44.41	48.842140	-86.939649	56180.37	56289.2	-39.16	56141.21	56136.07813	56064.59553	56071.81641	504428.1	5409909.2
L4430.0	504428.1	5409909.2	85470.10156	241.92	44.58	48.842140	-86.939649	56181.21	56289.2	-39.17	56142.04	56136.88281	56064.50507	56071.83594	504428.1	5409909.2
L4430.0	504428.1	5409911.4	85470.20313	242.81	46.22	48.842159	-86.939649	56181.45	56289.2	-39.17	56142.27	56137.08594	56064.43876	56071.87891	504428.1	5409911.4
L4430.0	504428.1	5409911.4	85470.29688	241.77	46.22	48.842159	-86.939649	56181.56	56289.2	-39.18	56142.38	56137.17188	56064.36451	56071.91406	504428.1	5409911.4
L4430.0	504428.2	5409913.0	85470.39844	239.74	34.56	48.842174	-86.939649	56180.95	56289.2	-39.19	56141.76	56136.52734	56064.32289	56071.98438	504428.2	5409913.0
L4430.0	504428.2	5409914.2	85470.50000	239.99	37.98	48.842185	-86.939649	56181.32	56289.2	-39.19	56142.13	56136.87109	56064.19915	56071.97656	504428.2	5409914.2
L4430.0	504428.2	5409915.6	85470.60156	238.78	37.98	48.842197	-86.939649	56182.24	56289.2	-39.20	56143.04	56137.76172	56064.02322	56071.91406	504428.2	5409915.6
L4430.0	504428.2	5409917.4	85470.60156	238.78	36.82	48.842214	-86.939649	56182.38	56289.2	-39.20	56143.17	56137.87109	56063.88305	56071.89063	504428.2	5409917.4
L4430.0	504428.2	5409917.4	85470.79688	240.13	36.38	48.842214	-86.939649	56180.46	56289.2	-39.22	56141.24	56135.92188	56063.86391	56071.98828	504428.2	5409917.4
L4430.0	504428.2	5409918.9	85470.89844	240.43	36.38	48.842227	-86.939649	56181.11	56289.2	-39.22	56141.88	56136.54297	56063.65710	56071.90234	504428.2	5409918.9
L4430.0	504428.1	5409920.3	85471.00000	240.88	43.82	48.842239	-86.939649	56181.75	56289.2	-39.23	56142.52	56137.16797	56063.43394	56071.79688	504428.1	5409920.3
L4430.0	504428.1	5409921.5	85471.10156	241.77	44.29	48.842250	-86.939649	56182.18	56289.2	-39.23	56142.94	56137.57031	56063.20906	56071.69531	504428.1	5409921.5
L4430.0	504428.1	5409922.6	85471.20313	242.51	40.84	48.842260	-86.939650	56180.71	56289.2	-39.24	56141.48	56136.09766	56063.09314	56071.70313	504428.1	5409922.6
L4430.0	504428.1	5409924.3	85471.29688	241.53	38.37	48.842275	-86.939650	56180.95	56289.2	-39.24	56141.71	56136.31250	56062.84817	56071.58203	504428.1	5409924.3
L4430.0	504428.1	5409925.5	85471.39844	242.08	38.37	48.842286	-86.939650	56180.55	56289.2	-39.25	56141.30	56135.89063	56062.62949	56071.48828	504428.1	5409925.5
L4430.0	504428.1	5409925.5	85471.50000	239.96	37.91	48.842286	-86.939650	56180.90	56289.3	-39.25	56141.65	56136.23047	56062.34379	56071.32813	504428.1	5409925.5
L4430.0	504428.1	5409926.9	85471.60156	238.99	37.91	48.842299	-86.939650	56181.09	56289.3	-39.25	56141.84	56136.41406	56062.05243	56071.16406	504428.1	5409926.9
L4430.0	504428.0	5409928.1	85471.70313	238.23	36.23	48.842310	-86.939650	56179.89	56289.3	-39.26	56140.63	56135.19531	56061.83810	56071.07813	504428.0	5409928.1
L4430.0	504428.0	5409929.9	85471.79688	238.46	39.62	48.842326	-86.939650	56179.62	56289.3	-39.26	56140.36	56134.91797	56061.54484	56070.91406	504428.0	5409929.9
L4430.0	504428.0	5409929.9	85471.89844	239.96	41.4	48.842326	-86.939650	56179.25	56289.3	-39.27	56139.98	56134.53516	56061.24270	56070.74219	504428.0	5409929.9
L4430.0	504428.0	5409931.6	85472.00000	238.55	37.35	48.842341	-86.939651	56178.79	56289.3	-39.27	56139.52	56134.07031	56060.92972	56070.55859	504428.0	5409931.6
L4430.0	504428.0	5409933.8	85472.10156	238.26	37.35	48.842361	-86.939651	56178.38	56289.3	-39.27	56139.10	56133.64844	56060.59794	56070.35938	504428.0	5409933.8
L4430.0	504428.0	5409933.8	85472.20313	239.46	32.53	48.842361	-86.939651	56179.38	56289.3	-39.27	56140.11	56134.65625	56060.15477	56070.04688	504428.0	5409933.8
L4430.0	504428.0	5409935.2	85472.29688	240.65	31.95	48.842374	-86.939651	56177.36	56289.3	-39.27	56138.09	56132.64063	56059.89760	56069.92188	504428.0	5409935.2
L4430.0	504428.0	5409936.7	85472.39844	239.08	31.95	48.842387	-86.939651	56176.60	56289.3	-39.27	56137.32	56131.87109	56059.54114	56069.69922	504428.0	5409936.7
L4430.0	504428.0	5409938.3	85472.50000	240.17	32.59	48.842402	-86.939651	56177.38	56289.3	-39.28	56138.11	56132.66406	56059.06480	56069.35938	504428.0	5409938.3
L4430.0	504428.0	5409938.3	85472.60156	239.24	40.24	48.842402	-86.939651	56176.56	56289.3	-39.28	56137.28	56131.83984	56058.68065	56069.10938	504428.0	5409938.3
L4430.0	504428.0	5409939.7	85472.60156	239.24	40.24	48.842414	-86.939651	56176.09	56289.3	-39.28	56136.81	56131.37891	56058.25675	56068.82031	504428.0	5409939.7
L4430.0	504428.0	5409941.4	85472.79688	237.15	41.69	48.842429	-86.939651	56176.12	56289.3	-39.28	56136.84	56131.41797	56057.78384	56068.48047	504428.0	5409941.4
L4430.0	504428.0	5409942.3	85472.89844	235.61	41.69	48.842438	-86.939651	56173.82	56289.3	-39.28	56134.54	56129.12891	56057.45065	56068.28516	504428.0	5409942.3
L4430.0	504428.0	5409943.5	85473.00000	235.65	40.06	48.842448	-86.939650	56173.52	56289.3	-39.28	56134.24	56128.83984	56056.96859	56067.93750	504428.0	5409943.5
L4430.0	504428.0	5409945.0	85473.10156	233.55	44.98	48.842462	-86.939650	56173.11	56289.3	-39.28	56133.82	56128.43359	56056.47905	56067.58594	504428.0	5409945.0
L4430.0	504428.0	5409946.4	85473.20313	232.76	44.98	48.842474	-86.939650	56173.47	56289.3	-39.29	56134.18	56128.80859	56055.92212	56067.16406	504428.0	5409946.4
L4430.0	504428.0	5409947.6	85473.29688	233.89	45.44	48.842485	-86.939650	56173.41	56289.3	-39.29	56134.12	56128.76563	56055.37784	56066.75781	504428.0	5409947.6
L4430.0	504428.0	5409947.6	85473.39844	236.65	40.04	48.842485	-86.939650	56170.70	56289.3	-39.29	56131.41	56126.07422	56054.99496	56066.51172	504428.0	5409947.6
L4430.0	504428.0	5409949.8	85473.50000	236.91	41.64	48.842505	-86.939650	56170.52	56289.3	-39.29	56131.23	56125.91797	56054.42821	56066.08203	504428.0	5409949.8
L4430.0	504428.0	5409949.8	85473.60156	236.90	41.64	48.842505	-86.939650	56170.86	56289.3	-39.30	56131.57	56126.27734	56053.81165	56065.60156	504428.0	5409949.8
L4430.0	504428.0	5409951.2	85473.70313	238.18	41.64	48.842518	-86.939650	56170.47	56289.3	-39.30	56131.17	56125.90234	56053.22934	56065.15234	504428.0	5409951.2
L4430.0	504428.0	5409952.7	85473.79688	240.98	44.12	48.842531	-86.939650	56167.94	56289.3	-39.30	56128.64	56123.40234	56052.77401	56064.83594	504428.0	5409952.7
L4430.0	504428.0	5409954.3	85473.89844	241.87	44.12	48.842545	-86.939650	56167.63	56289.3	-39.31	56128.32	56123.10938	56052.15638	56064.35156	504428.0	5409954.3
L4430.0	504428.0	5409955.5	85474.00000	241.10	35.78	48.842557	-86.939650	56167.94	56289.3	-39.31	56128.63	56123.44922	56051.48182	56063.81641	504428.0	5409955.5
L4430.0	504428.0	5409955.5	85474.10156	241.89	34.91	48.842557	-86.939650	56167.16	56289.3	-39.32	56127.84	56122.69141	56050.86574	56063.33203	504428.0	5409955.5
L4430.0	504428.0	5409957.5	85474.20313	242.66	37.48	48.842574	-86.939650	56165.75	56289.3	-39.32	56126.42	56121.30859	56050.27684	56062.87891	504428.0	5409957.5
L4430.0	504428.0	5409958.9	85474.29688	242.23	37.48	48.842587	-86.939650	56164.69	56289.3	-39.33	56125.36	56120.28516	56049.64916	56062.38672	504428.0	5409958.9
L4430.0	504428.0	5409960.6	85474.39844	240.87	37.48	48.842602	-86.939650	56163.84	56289.3	-39.34	56124.51	56119.47656	56048.99274	56061.86328	504428.0	5409960.6
L4430.0	504428.0	5409960.6	85474.50000	241.50	46.56	48.842602	-86.939650	56163.22	56289.3	-39.34	56123.87	56118.87500	56048.30763	56061.31250	504428.0	5409960.6
L4430.0	504428.0	5409962.0	85474.60156	241.54	46.56	48.842615	-86.939650	56163.47	56289.4	-39.35	56124.12	56119.17188	56047.54852	56060.68750	504428.0	5409962.0
L4430.0	504428.0	5409963.7	85474.60156	241.54	46.97	48.842630	-86.939650	56162.20	56289.4	-39.35	56122.85	56117.94531	56046.87610	56060.14844	504428.0	5409963.7
L4430.0	504428.0	5409965.3	85474.79688	239.59	47.14	48.842645	-86.939650	56160.72	56289.4	-39.37	56121.35	56116.49609	56046.20441	56059.60547	504428.0	5409965.3
L4430.0	504428.0	5409965.3	85474.89844	237.41	47.1	48.842645	-86.939650	56159.98	56289.4	-39.37	56120.60	56115.79688	56045.46813	56059.00000	504428.0	5409965.3
L4430.0	504428.0	5409966.9	85475.00000	240.51	47.1	48.842658	-86.939650	56159.60	56289.4	-39.38	56120.22	56115.46875	56044.69262	56058.35547	504428.0	5409966.9
L4430.0	504428.0	5409968.5	85475.10156	238.86	47.32	48.842673	-86.939650	56159.28	56289.4	-39.38	56119.89	56115.19531	56043.89922	56057.69141	504428.0	5409968.5
L4430.0	504428.0	5409970.0	85475.20313	239.17	47.32	48.842686	-86.939650	56157.82	56289.4	-39.39	56118.43	56113.79688	56043.16661	56057.08594	504428.0	5409970.0
L4430.0	504428.0	5409970.0	85475.29688	239.55	47.47	48.842686	-86.939650	56156.29	56289.4	-39.39	56116.90	56112.32813	56042.42413	56056.47266	504428.0	5409970.0
L4430.0	504428.0	5409971.7	85475.39844	238.64	47.75	48.842702	-86.939650	56155.39	56289.4	-39.40	56115.99	56111.48047	56041.62579	56055.80078	504428.0	5409971.7
L4430.0	504428.0	5409973.4	85475.50000	236.67	47.75	48.842717	-86.939650	56155.43	56289.4	-39.40	56116.03	56111.58984	56040.74959	56055.05078	504428.0	5409973.4
L4430.0	504428.0	5409973.4	85475.60156	235.12	47.69	48.842717	-86.939650	56154.26	56289.4	-39.41	56114.85	56110.48047	56039.94019	56054.36328	504428.0	5409973.4
L4430.0	504428.0	5409974.6	85475.70313	236.50	44.32	48.842728	-86.939650	56151.81	56289.4	-39.42	56112.40	56108.10156	56039.20092	56053.75000	504428.0	5409974.6
L4430.0	504428.0	5409976.4	85475.79688	237.36	44.32	48.842744	-86.939650	56151.66	56289.4	-39.42	56112.24	56108.01953	56038.29444	56052.96484	504428.0	5409976.4
L4430.0	504428.0	5409977.7	85475.89844	237.90	47.54	48.842755	-86.939650	56151.18	56289.4	-39.43	56111.75	56107.60938	56037.39541	56052.18750	504428.0	5409977.7
L4430.0	504428.0	5409977.7	85476.00000	235.44	45.93	48.842755	-86.939650	56150.16	56289.4	-39.43	56110.73	56106.66797	56036.51714	56051.42578	504428.0	5409977.7
L4430.0	504428.1	5409980.2	85476.10156	236.72	40.55	48.842778	-86.939649	56149.21	56289.4	-39.44	56109.77	56105.79297	56035.62029	56050.64844	504428.1	5409980.2

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4430.0	504428.1	5409981.5	85476.20313	237.63	40.55	48.842790	-86.939649	56147.91	56289.4	-39.44	56108.47	56104.58203	56034.73149	56049.87891	504428.1	5409981.5
L4430.0	504428.1	5409981.5	85476.29688	238.73	40.89	48.842790	-86.939649	56147.11	56289.4	-39.45	56107.67	56103.87500	56033.79473	56049.05859	504428.1	5409981.5
L4430.0	504428.1	5409983.4	85476.39844	238.57	43.56	48.842807	-86.939649	56146.12	56289.5	-39.45	56106.67	56102.97266	56032.85665	56048.23438	504428.1	5409983.4
L4430.0	504428.1	5409984.8	85476.50000	237.74	43.56	48.842819	-86.939649	56144.02	56289.5	-39.46	56104.56	56100.96094	56031.97788	56047.46875	504428.1	5409984.8
L4430.0	504428.1	5409984.8	85476.60156	237.86	48.51	48.842819	-86.939649	56143.52	56289.5	-39.47	56104.05	56100.55078	56030.97774	56046.58203	504428.1	5409984.8
L4430.0	504428.1	5409986.2	85476.60156	237.86	48.67	48.842832	-86.939649	56142.47	56289.5	-39.47	56103.01	56099.61719	56029.99818	56045.71094	504428.1	5409986.2
L4430.0	504428.1	5409987.9	85476.79688	241.52	48.67	48.842848	-86.939648	56141.02	56289.5	-39.48	56101.54	56098.25781	56029.03251	56044.85547	504428.1	5409987.9
L4430.0	504428.1	5409989.6	85476.89844	240.42	50.59	48.842863	-86.939648	56140.30	56289.5	-39.48	56100.82	56097.65234	56028.00203	56043.93359	504428.1	5409989.6
L4430.0	504428.1	5409989.6	85477.00000	238.10	50.59	48.842863	-86.939648	56139.04	56289.5	-39.49	56099.55	56096.49609	56026.99337	56043.03125	504428.1	5409989.6
L4430.0	504428.2	5409991.3	85477.10156	238.14	35.34	48.842878	-86.939648	56138.28	56289.5	-39.49	56098.78	56095.84766	56025.93648	56042.07813	504428.2	5409991.3
L4430.0	504428.2	5409992.7	85477.20313	238.39	35.06	48.842891	-86.939648	56136.58	56289.5	-39.50	56097.08	56094.27344	56024.92667	56041.17188	504428.2	5409992.7
L4430.0	504428.2	5409992.7	85477.29688	236.82	35.06	48.842891	-86.939648	56135.63	56289.5	-39.50	56096.13	56093.45313	56023.85188	56040.20313	504428.2	5409992.7
L4430.0	504428.2	5409994.4	85477.39844	236.84	40.23	48.842906	-86.939648	56134.00	56289.5	-39.50	56094.50	56091.95703	56022.80742	56039.25781	504428.2	5409994.4
L4430.0	504428.2	5409995.9	85477.50000	237.02	33.29	48.842919	-86.939648	56132.66	56289.5	-39.50	56093.16	56090.75391	56021.72856	56038.28125	504428.2	5409995.9
L4430.0	504428.2	5409997.3	85477.60156	236.70	33.29	48.842932	-86.939648	56132.31	56289.5	-39.51	56092.81	56090.54688	56020.56861	56037.21875	504428.2	5409997.3
L4430.0	504428.2	5409999.4	85477.70313	236.09	35.21	48.842951	-86.939648	56129.56	56289.5	-39.51	56090.04	56087.92188	56019.55485	56036.30078	504428.2	5409999.4
L4430.0	504428.2	5410000.7	85477.79688	235.46	44.33	48.842962	-86.939648	56128.31	56289.5	-39.51	56088.80	56086.83203	56018.42390	56035.26953	504428.2	5410000.7
L4430.0	504428.2	5410000.7	85477.89844	236.19	44.33	48.842962	-86.939648	56127.07	56289.5	-39.52	56087.55	56085.73828	56017.27838	56034.21875	504428.2	5410000.7
L4430.0	504428.2	5410002.1	85478.00000	237.06	47.55	48.842975	-86.939648	56126.11	56289.5	-39.52	56086.59	56084.93750	56016.09826	56033.13281	504428.2	5410002.1
L4430.0	504428.2	5410003.3	85478.10156	240.26	47.55	48.842986	-86.939648	56125.56	56289.5	-39.52	56086.03	56084.54297	56014.87615	56032.00000	504428.2	5410003.3
L4430.0	504428.2	5410004.7	85478.20313	240.13	45.03	48.842999	-86.939648	56123.36	56289.5	-39.53	56083.83	56082.51172	56013.74802	56030.96484	504428.2	5410004.7
L4430.0	504428.2	5410004.7	85478.29688	238.41	45.03	48.842999	-86.939648	56121.08	56289.5	-39.53	56081.55	56080.40625	56012.60981	56029.91797	504428.2	5410004.7
L4430.0	504428.2	5410006.4	85478.39844	239.28	39.79	48.843014	-86.939648	56120.20	56289.5	-39.53	56080.66	56079.69531	56011.36350	56028.76172	504428.2	5410006.4
L4430.0	504428.2	5410007.4	85478.50000	238.65	38.86	48.843023	-86.939648	56118.80	56289.5	-39.54	56079.26	56078.48047	56010.13570	56027.62109	504428.2	5410007.4
L4430.0	504428.2	5410009.3	85478.60156	237.61	38.86	48.843040	-86.939648	56117.00	56289.5	-39.54	56077.47	56076.88281	56008.91839	56026.49219	504428.2	5410009.3
L4430.0	504428.2	5410010.7	85478.60156	237.61	42.01	48.843053	-86.939648	56116.13	56289.5	-39.54	56076.59	56076.19531	56007.62486	56025.28516	504428.2	5410010.7
L4430.0	504428.2	5410010.7	85478.79688	237.82	41.48	48.843053	-86.939648	56115.23	56289.5	-39.54	56075.68	56075.48828	56006.31776	56024.06250	504428.2	5410010.7
L4430.0	504428.2	5410012.7	85478.89844	235.88	37.58	48.843070	-86.939648	56113.27	56289.5	-39.55	56073.72	56073.73438	56005.06504	56022.89453	504428.2	5410012.7
L4430.0	504428.2	5410014.0	85479.00000	236.01	37.58	48.843083	-86.939648	56111.59	56289.6	-39.55	56072.04	56072.26563	56003.77803	56021.69141	504428.2	5410014.0
L4430.0	504428.2	5410014.0	85479.10156	234.87	38.4	48.843083	-86.939648	56109.96	56289.6	-39.56	56070.41	56070.85156	56002.47204	56020.47266	504428.2	5410014.0
L4430.0	504428.2	5410015.3	85479.20313	233.93	39.7	48.843094	-86.939648	56108.13	56289.6	-39.56	56068.56	56069.22656	56001.16506	56019.24609	504428.2	5410015.3
L4430.0	504428.2	5410016.9	85479.29688	234.89	41.13	48.843108	-86.939648	56106.91	56289.6	-39.57	56067.35	56068.24609	55999.79974	56017.96484	504428.2	5410016.9
L4430.0	504428.2	5410018.3	85479.39844	234.19	41.13	48.843121	-86.939648	56104.15	56289.6	-39.57	56064.58	56065.71094	55998.52275	56016.76953	504428.2	5410018.3
L4430.0	504428.2	5410019.4	85479.50000	235.66	38.91	48.843131	-86.939648	56102.91	56289.6	-39.58	56063.34	56064.71484	55997.12810	56015.45703	504428.2	5410019.4
L4430.0	504428.2	5410020.8	85479.60156	234.66	38.75	48.843144	-86.939647	56101.30	56289.6	-39.58	56061.72	56063.33984	55995.74312	56014.15625	504428.2	5410020.8
L4430.0	504428.2	5410020.8	85479.70313	235.26	38.23	48.843144	-86.939647	56099.78	56289.6	-39.58	56060.19	56062.06641	55994.33651	56012.83203	504428.2	5410020.8
L4430.0	504428.2	5410022.2	85479.79688	234.50	43.43	48.843156	-86.939647	56097.66	56289.6	-39.59	56058.07	56060.20703	55992.95363	56011.53125	504428.2	5410022.2
L4430.0	504428.2	5410023.6	85479.89844	235.89	43.43	48.843168	-86.939647	56095.78	56289.6	-39.60	56056.18	56058.58594	55991.53984	56010.19922	504428.2	5410023.6
L4430.0	504428.2	5410025.0	85480.00000	237.26	34.75	48.843181	-86.939647	56094.77	56289.6	-39.60	56055.17	56057.84766	55990.05186	56008.79297	504428.2	5410025.0
L4430.0	504428.2	5410026.5	85480.10156	237.80	25.9	48.843195	-86.939647	56091.61	56289.6	-39.60	56052.01	56054.96875	55988.69174	56007.51563	504428.2	5410026.5
L4430.0	504428.2	5410026.5	85480.20313	238.38	25.9	48.843195	-86.939647	56089.69	56289.6	-39.61	56050.08	56053.32813	55987.23420	56006.14063	504428.2	5410026.5
L4430.0	504428.2	5410028.0	85480.29688	240.32	37.87	48.843208	-86.939647	56088.12	56289.6	-39.61	56048.51	56052.05469	55985.73732	56004.73047	504428.2	5410028.0
L4430.0	504428.2	5410029.5	85480.39844	239.73	26.58	48.843222	-86.939647	56085.84	56289.6	-39.61	56046.23	56050.07422	55984.27253	56003.34766	504428.2	5410029.5
L4430.0	504428.2	5410030.6	85480.50000	239.12	26.13	48.843232	-86.939647	56083.24	56289.6	-39.61	56043.62	56047.77344	55982.81457	56001.97656	504428.2	5410030.6
L4430.0	504428.2	5410031.5	85480.60156	237.67	33.52	48.843240	-86.939647	56082.25	56289.6	-39.62	56042.63	56047.10156	55981.23356	56000.48047	504428.2	5410031.5
L4430.0	504428.2	5410032.6	85480.60156	237.67	33.52	48.843250	-86.939646	56079.74	56289.6	-39.62	56040.12	56044.91406	55979.73894	55999.07422	504428.2	5410032.6
L4430.0	504428.2	5410034.0	85480.79688	238.79	49.2	48.843262	-86.939646	56077.04	56289.6	-39.62	56037.42	56042.54688	55978.24219	55997.66406	504428.2	5410034.0
L4430.0	504428.2	5410034.0	85480.89844	237.31	50.62	48.843262	-86.939646	56075.24	56289.6	-39.63	56035.61	56041.07813	55976.67144	55996.18359	504428.2	5410034.0
L4430.0	504428.2	5410035.5	85481.00000	236.61	50.62	48.843275	-86.939646	56073.09	56289.6	-39.63	56033.46	56039.27344	55975.10885	55994.71094	504428.2	5410035.5
L4430.0	504428.2	5410036.5	85481.10156	235.65	51.32	48.843285	-86.939646	56070.24	56289.6	-39.63	56030.61	56036.78125	55973.57859	55993.27344	504428.2	5410036.5
L4430.0	504428.2	5410037.8	85481.20313	235.87	43.66	48.843297	-86.939646	56068.39	56289.6	-39.63	56028.76	56035.29297	55971.96751	55991.75781	504428.2	5410037.8
L4430.0	504428.2	5410039.1	85481.29688	234.16	43.66	48.843308	-86.939646	56066.89	56289.6	-39.63	56027.26	56034.16406	55970.31914	55990.20703	504428.2	5410039.1
L4430.0	504428.2	5410040.4	85481.39844	235.77	43.98	48.843320	-86.939647	56064.09	56289.6	-39.63	56024.46	56031.74609	55968.74369	55988.73047	504428.2	5410040.4
L4430.0	504428.2	5410040.4	85481.50000	236.48	42.22	48.843320	-86.939647	56061.00	56289.6	-39.63	56021.37	56029.04297	55967.17404	55987.25781	504428.2	5410040.4
L4430.0	504428.2	5410041.6	85481.60156	236.48	44.54	48.843331	-86.939647	56058.39	56289.6	-39.63	56018.76	56026.82813	55965.55912	55985.74609	504428.2	5410041.6
L4430.0	504428.2	5410042.9	85481.70313	236.72	47.05	48.843342	-86.939647	56056.00	56289.6	-39.63	56016.37	56024.84375	55963.91650	55984.21094	504428.2	5410042.9
L4430.0	504428.2	5410044.1	85481.79688	236.40	48.09	48.843354	-86.939647	56053.59	56289.6	-39.63	56013.96	56022.84766	55962.26245	55982.66406	504428.2	5410044.1
L4430.0	504428.2	5410045.0	85481.89844	233.98	49.37	48.843362	-86.939647	56050.22	56289.6	-39.63	56010.59	56019.89844	55960.65993	55981.16797	504428.2	5410045.0
L4430.0	504428.2	5410046.2	85482.00000	234.91	49.37	48.843372	-86.939647	56047.20	56289.6	-39.63	56007.57	56017.30859	55959.02190	55979.64453	504428.2	5410046.2
L4430.0	504428.2	5410047.6	85482.10156	234.46	49.2	48.843385	-86.939647	56045.04	56289.6	-39.63	56005.41	56015.58984	55957.31467	55978.05469	504428.2	5410047.6
L4430.0	504428.2	5410048.2	85482.20313	236.35	41.29	48.843390	-86.939647	56042.06	56289.6	-39.63	56002.43	56013.05859	55955.65057	55976.50781	504428.2	5410048.2
L4430.0	504428.2	5410049.2	85482.29688	236.00	47.12	48.843399	-86.939647	56039.52	56289.6	-39.63	55999.90	56010.98828	55953.94527	55974.92188	504428.2	5410049.2
L4430.0	504428.2	5410050.1	85482.39844	235.35	47.12	48.843408	-86.939647	56037.58	56289.6	-39.63	55997.95	56009.50391	55952.19048	55973.29297	504428.2	5410050.1
L4430.0	504428.2	5410050.1	85482.50000	234.84	44.43	48.843408	-86.939647	56034.26	56289.6	-39.63	55994.64	56006.66797	55950.51589	55971.75000	504428.2	5410050.1
L4430.0	504428.2	5410051.5	85482.60156	234.65	44.43	48.843419	-86.939647	56030.55	56289.6	-39.62	55990.92	56003.43359	55948.85856	55970.22266	504428.2	5410051.5
L4430.0	504428.2	5410052.8	85482.60156	234.65	38.8	48.843431	-86.939647	56027.38	56289.6	-39.62	55987.76	56000.76953	55947.15422	55968.65625	504428.2	5410052.8
L4430.0	504428.2	5410053.5	85482.79688	235.10	38.53	48.843438	-86.939647	56025.74	56289.6	-39.62	55986.12	55999.63281	55945.33929	55966.98047	504428.2	5410053.5
L4430.0	504428.2	5410054.7	85482.89844	235.18	40.83	48.843448	-86.939647	56022.48	56289.6	-39.62	55982.86	55996.88672	55943.62353	55965.40625	504428.2	5410054.7
L4430.0	504428.2	5410055.6	85483.00000	234.88	41.51	48.843457	-86.939647	56019.80	56289.6	-39.62	55980.18	55994.73047	55941.86072	55963.79297	504428.2	5410055.6
L4430.0	504428.2	5410055.6	85483.10156	236.47	41.51	48.843457	-86.939647	56016.20	56289.6	-39.63	55976.58	55991.66406	55940.15131	55962.23438	504428.2	5410055.6
L4430.0	504428.2	5410057.4	85483.20313	237.49	34.93	48.843472	-86.939646	56011.58	56289.6	-39.63	55971.95	55987.57422	55938.50312	55960.74219	504428.2	5410057.4
L4430.0	504428.2	5410057.4	85483.29688	235.52	34.93	48.843472	-86.939646	56008.82	56289.6	-39.64	55969.18	55985.35938	55936.72395	55959.12500	504428.2	5410057.4
L4430.0	504428.2	5410058.3	85483.39844	233.47	34.57	48.843481	-86.939646	56006.46	56289.6	-39.64	55966.82	55983.55859	55934.91097	55957.47656	504428.2	5410058.3
L4430.0	504428.3	5410059.3	85483.50000	235.10	37.68	48.843490	-86.939646	56004.22	56289.6	-39.65	55964.57	55981.88281	55933.08468	55955.82031	504428.3	5410059.3
L4430.0	504428.3	5410060.3	85483.60156	235.89	45.45	48.843499	-86.939646	56001.48	56289.7	-39.65	55961.83	55979.72266	55931.28562	55954.19922	504428.3	5410060.3
L4430.0	504428.3	5410061.5	85483.70313	235.96	45.45	48.843510	-86.939646	55995.92	56289.7	-39.65	55956.26	55974.74609	55929.67030	55952.76172	504428.3	5410061.5
L4430.0	504428.3	5410062.5	85483.79688	235.86	41.05	48.843519	-86.939645	55992.73	56289.7	-39.66	55953.07	55972.15625	55927.89194	55951.16797	504428.3	5410062.5
L4430.0	504428.3	5410062.5	85483.89844	236.79	38.39	48.843519	-86.939645	55990.36	56289.7	-39.67	55950.69	55970.38672	55926.05576	55949.52344	504428.3	5410062.5
L4430.0	504428.3	5410063.3	85484.00000	238.93	38.39	48.843526	-86.939645	55988.00	56289.7	-39.67	55948.33	55968.64844	55924.21499	55947.87891	504428.3	5410063.3
L4430.0	504428.3	5410064.3	85484.10156	236.08	36.53	48.843535	-86.939645	55984.18	56289.7	-39.67	55944.51	55965.45703	55922.46887	55946.33203	504428.3	5410064.3
L4430.0	504428.3	5410065.4	85484.20313	235.92	35.83	48.843545	-86.939645	55979.75	56289.7	-39.68	55940.08	55961.66797	55920.76131	55944.83203	504428.3	5410065.4
L4430.0	504428.3	5410066.3	85484.29688	236.86	35.83	48.843553	-86.939645	55977.15	56289.7	-39.68	55937.47	55959.71094	55918.93091	55943.21094	504428.3	5410066.3
L4430.0	504428.3	5410066.3	85484.39844	237.25	34.23	48.843553	-86.939645	55975.13	56289.7	-39.69	55935.44	55958.33984	55917.06093	55941.55859	504428.3	5410066.3
L4430.0	504428.3	5410067.3	85484.50000	236.20	36.98	48.843562	-86.939645	55971.08	56289.7	-39.69	55931.39	55954.96094	55915.32532	55940.04688	504428.3	5410067.3
L4430.0	504428.3	5410068.3	85484.60156	236.62	36.98	48.843571	-86.939645	55965.74	56289.7	-39.69	55926.04	55950.29297	55913.67668	55938.62891	504428.3	5410068.3
L4430.0	504428.3	5410068.3	85484.60156	236.62	36.98	48.843571	-86.939645	55962.25	56289.7	-39.69	55922.56	55947.50391	55911.90431	55937.08984	504428.3	5410068.3
L4430.0	504428.3	5410070.3	85484.79688	238.06	45.29	48.843589	-86.939645	55960.20	56289.7	-39.70	55920.50	55946.14453	55910.03883	55935.46484	504428.3	5410070.3
L4430.0	504428.3	5410070.3	85484.89844	235.24	41.98	48.843589	-86.939645	55956.96	56289.7	-39.71	55917.26	55943.61328	55908.25420	55933.92969	504428.3	5410070.3
L4430.0	504428.3	5410071.3	85485.00000	235.39	41.98	48.843598	-86.939645	55953.63	56289.7	-39.71	55913.92	55940.99219	55906.47907	55932.40625	504428.3	5410071.3
L4430.0	504428.3	5410071.3	85485.10156	235.24	42.73	48.843598	-86.939645	55951.02	56289.7	-39.71	55911.31	55939.11328	55904.65873	55930.84375	504428.3	5410071.3
L4430.0	504428.4	5410072.2	85485.20313	234.33	41.44	48.843606	-86.939645	55946.26	56289.7	-39.71	55906.55	55935.09375	55902.98584	55929.43750	504428.4	5410072.2
L4430.0	504428.4	5410073.0	85485.29688	234.22	45.11	48.843614	-86.939645	55943.96	56289.7	-39.71	55904.25	55933.54297	55901.15370	55927.87500	504428.4	5410073.0
L4430.0	504428.4	5410073.0	85485.39844	235.48	45.11	48.843614	-86.939645	55939.84	56289.7	-39.71	55900.13	55930.17969	55899.44830	55926.44922	504428.4	5410073.0

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4430.0	504428.4	5410074.1	85485.50000	234.21	45.01	48.843623	-86.939644	55935.94	56289.7	-39.71	55896.23	55927.05078	55897.73429	55925.01953	504428.4	5410074.1
L4430.0	504428.4	5410075.0	85485.60156	234.58	45.01	48.843631	-86.939644	55933.19	56289.7	-39.72	55893.47	55925.07031	55895.95097	55923.52344	504428.4	5410075.0
L4430.0	504428.4	5410075.0	85485.70313	236.24	44.32	48.843631	-86.939644	55929.75	56289.7	-39.72	55890.03	55922.41797	55894.22034	55922.08984	504428.4	5410075.0
L4430.0	504428.4	5410075.9	85485.79688	235.07	42.24	48.843639	-86.939644	55926.34	56289.7	-39.72	55886.62	55919.80469	55892.49571	55920.66797	504428.4	5410075.9
L4430.0	504428.4	5410076.8	85485.89844	234.96	42.24	48.843647	-86.939644	55924.31	56289.7	-39.72	55884.59	55918.58203	55890.68773	55919.17188	504428.4	5410076.8
L4430.0	504428.4	5410077.7	85486.00000	236.21	44.22	48.843655	-86.939644	55918.09	56289.7	-39.72	55878.37	55913.17578	55889.16837	55917.96875	504428.4	5410077.7
L4430.0	504428.4	5410077.7	85486.10156	238.71	44.27	48.843655	-86.939644	55916.24	56289.7	-39.72	55876.51	55912.14063	55887.36827	55916.48828	504428.4	5410077.7
L4430.0	504428.4	5410078.9	85486.20313	238.71	44.8	48.843667	-86.939644	55912.72	56289.7	-39.73	55872.99	55909.45703	55885.68941	55915.13672	504428.4	5410078.9
L4430.0	504428.4	5410078.9	85486.29688	238.19	44.8	48.843667	-86.939644	55910.55	56289.7	-39.73	55870.81	55908.11719	55883.93242	55913.71484	504428.4	5410078.9
L4430.0	504428.4	5410079.7	85486.39844	238.45	44.64	48.843674	-86.939644	55906.88	56289.7	-39.74	55867.14	55905.30078	55882.28659	55912.41016	504428.4	5410079.7
L4430.0	504428.4	5410080.3	85486.50000	239.41	44.9	48.843678	-86.939644	55903.34	56289.7	-39.74	55863.60	55902.62109	55880.64454	55911.11719	504428.4	5410080.3
L4430.0	504428.4	5410080.8	85486.60156	238.18	44.9	48.843684	-86.939644	55900.71	56289.7	-39.74	55860.96	55900.85156	55878.95556	55909.78125	504428.4	5410080.8
L4430.0	504428.4	5410080.8	85486.60156	238.18	44.72	48.843684	-86.939644	55897.70	56289.7	-39.74	55857.96	55898.73047	55877.30425	55908.48828	504428.4	5410080.8
L4430.0	504428.4	5410081.6	85486.79688	240.05	44.72	48.843691	-86.939645	55893.90	56289.8	-39.75	55854.15	55895.80469	55875.72121	55907.27344	504428.4	5410081.6
L4430.0	504428.4	5410082.2	85486.89844	241.02	36.34	48.843696	-86.939645	55890.44	56289.8	-39.76	55850.68	55893.23047	55874.13037	55906.05469	504428.4	5410082.2
L4430.0	504428.4	5410082.8	85487.00000	240.54	35.41	48.843702	-86.939645	55888.72	56289.8	-39.76	55848.96	55892.41016	55872.43829	55904.73828	504428.4	5410082.8
L4430.0	504428.4	5410082.8	85487.10156	241.45	35.41	48.843702	-86.939645	55885.46	56289.8	-39.76	55845.69	55890.05469	55870.86556	55903.55078	504428.4	5410082.8
L4430.0	504428.3	5410083.6	85487.20313	240.26	33.84	48.843709	-86.939645	55881.34	56289.8	-39.77	55841.57	55886.85156	55869.36606	55902.44141	504428.3	5410083.6
L4430.0	504428.3	5410084.2	85487.29688	239.43	33.84	48.843714	-86.939645	55879.11	56289.8	-39.77	55839.34	55885.54688	55867.75766	55901.23047	504428.3	5410084.2
L4430.0	504428.4	5410084.7	85487.39844	238.07	32.73	48.843718	-86.939644	55876.88	56289.8	-39.77	55837.11	55884.25000	55866.16691	55900.03906	504428.4	5410084.7
L4430.0	504428.4	5410084.7	85487.50000	241.04	33.24	48.843718	-86.939644	55874.73	56289.8	-39.78	55834.96	55883.04297	55864.58898	55898.87109	504428.4	5410084.7
L4430.0	504428.4	5410085.3	85487.60156	240.87	33.71	48.843724	-86.939644	55869.83	56289.8	-39.78	55830.05	55879.08203	55863.21371	55897.90625	504428.4	5410085.3
L4430.0	504428.4	5410085.7	85487.70313	240.49	32.89	48.843727	-86.939644	55866.31	56289.8	-39.78	55826.53	55876.51563	55861.76492	55896.87500	504428.4	5410085.7
L4430.0	504428.4	5410086.2	85487.79688	240.77	32.83	48.843732	-86.939644	55865.52	56289.8	-39.78	55825.74	55876.68750	55860.15374	55895.68750	504428.4	5410086.2
L4430.0	504428.4	5410086.7	85487.89844	240.40	32.83	48.843736	-86.939644	55863.02	56289.8	-39.79	55823.23	55875.14844	55858.67730	55894.64063	504428.4	5410086.7
L4430.0	504428.4	5410087.1	85488.00000	238.95	33.77	48.843740	-86.939644	55860.32	56289.8	-39.79	55820.53	55873.42188	55857.23403	55893.63281	504428.4	5410087.1
L4430.0	504428.4	5410087.5	85488.10156	238.43	36.77	48.843744	-86.939644	55856.52	56289.8	-39.79	55816.73	55870.60547	55855.88500	55892.72266	504428.4	5410087.5
L4430.0	504428.4	5410087.5	85488.20313	238.48	36.77	48.843744	-86.939644	55853.61	56289.8	-39.79	55813.82	55868.68359	55854.49796	55891.78125	504428.4	5410087.5
L4430.0	504428.4	5410087.9	85488.29688	238.40	45.16	48.843747	-86.939644	55852.46	56289.8	-39.79	55812.68	55868.53516	55853.01460	55890.74609	504428.4	5410087.9
L4430.0	504428.4	5410088.4	85488.39844	239.48	45.1	48.843751	-86.939644	55850.30	56289.8	-39.79	55810.51	55867.36719	55851.62194	55889.80469	504428.4	5410088.4
L4430.0	504428.4	5410088.6	85488.50000	239.88	45.18	48.843754	-86.939644	55849.31	56289.8	-39.79	55809.52	55867.38281	55850.17300	55888.81641	504428.4	5410088.6
L4430.0	504428.4	5410089.0	85488.60156	239.90	45.18	48.843757	-86.939644	55845.82	56289.8	-39.78	55806.04	55864.91406	55848.91273	55888.01953	504428.4	5410089.0
L4430.0	504428.4	5410089.4	85488.60156	239.90	45.22	48.843761	-86.939644	55842.76	56289.8	-39.78	55802.97	55862.85938	55847.64809	55887.21875	504428.4	5410089.4
L4430.0	504428.4	5410089.8	85488.79688	240.87	45.13	48.843764	-86.939644	55840.66	56289.8	-39.78	55800.88	55861.78906	55846.34135	55886.38281	504428.4	5410089.8
L4430.0	504428.4	5410089.8	85488.89844	240.95	31.7	48.843764	-86.939644	55839.09	56289.8	-39.78	55799.31	55861.24219	55845.02341	55885.53906	504428.4	5410089.8
L4430.0	504428.4	5410090.3	85489.00000	240.06	31.7	48.843769	-86.939644	55837.90	56289.8	-39.78	55798.12	55861.08203	55843.70381	55884.69922	504428.4	5410090.3
L4430.0	504428.4	5410090.3	85489.10156	240.73	32.96	48.843769	-86.939644	55835.88	56289.8	-39.78	55796.09	55860.08984	55842.46408	55883.94141	504428.4	5410090.3
L4430.0	504428.4	5410090.6	85489.20313	242.02	32.96	48.843772	-86.939644	55834.01	56289.8	-39.79	55794.22	55859.25781	55841.23770	55883.19922	504428.4	5410090.6
L4430.0	504428.4	5410090.9	85489.29688	240.44	35.56	48.843775	-86.939644	55832.62	56289.8	-39.79	55792.83	55858.91016	55840.00349	55882.45313	504428.4	5410090.9
L4430.0	504428.4	5410091.1	85489.39844	240.11	38.02	48.843776	-86.939643	55830.74	56289.8	-39.79	55790.95	55858.07422	55838.82622	55881.76563	504428.4	5410091.1
L4430.0	504428.4	5410091.4	85489.50000	239.86	38.04	48.843779	-86.939643	55828.74	56289.8	-39.79	55788.95	55857.12109	55837.68130	55881.11328	504428.4	5410091.4
L4430.0	504428.4	5410091.6	85489.60156	238.75	38.04	48.843781	-86.939643	55826.83	56289.8	-39.80	55787.03	55856.25391	55836.55546	55880.48438	504428.4	5410091.6
L4430.0	504428.4	5410091.6	85489.70313	239.28	39.26	48.843781	-86.939643	55823.51	56289.8	-39.80	55783.71	55853.99219	55835.54739	55879.97656	504428.4	5410091.6
L4430.0	504428.4	5410091.9	85489.79688	241.05	40.64	48.843784	-86.939643	55823.64	56289.8	-39.80	55783.83	55855.16797	55834.33444	55879.26563	504428.4	5410091.9
L4430.0	504428.4	5410092.1	85489.89844	242.33	36.88	48.843785	-86.939643	55823.96	56289.8	-39.81	55784.16	55856.55859	55833.13191	55878.56641	504428.4	5410092.1
L4430.0	504428.5	5410092.3	85490.00000	241.53	36.02	48.843787	-86.939643	55822.83	56289.8	-39.81	55783.02	55856.48047	55832.05176	55877.99219	504428.5	5410092.3
L4430.0	504428.5	5410092.6	85490.10156	240.58	36.02	48.843789	-86.939643	55821.74	56289.8	-39.81	55781.92	55856.44531	55830.99324	55877.43750	504428.5	5410092.6
L4430.0	504428.5	5410092.6	85490.20313	241.90	36.02	48.843789	-86.939643	55821.54	56289.8	-39.82	55781.72	55857.31250	55829.89893	55876.85156	504428.5	5410092.6
L4430.0	504428.5	5410092.7	85490.29688	240.57	40.48	48.843791	-86.939643	55819.06	56289.8	-39.82	55779.23	55855.89063	55828.98137	55876.44531	504428.5	5410092.7
L4430.0	504428.5	5410092.9	85490.39844	236.37	40.48	48.843792	-86.939643	55817.71	56289.8	-39.83	55777.88	55855.60547	55828.01173	55875.98438	504428.5	5410092.9
L4430.0	504428.5	5410093.0	85490.50000	234.12	39.25	48.843793	-86.939643	55818.68	56289.8	-39.83	55778.84	55857.63672	55826.91186	55875.39453	504428.5	5410093.0
L4430.0	504428.5	5410093.0	85490.60156	234.07	39.25	48.843793	-86.939643	55817.12	56289.8	-39.84	55777.28	55857.14844	55826.00355	55875.00000	504428.5	5410093.0
L4430.0	504428.5	5410093.1	85490.60156	234.07	40	48.843795	-86.939643	55815.62	56289.8	-39.84	55775.78	55856.71875	55825.11459	55874.62500	504428.5	5410093.1
L4430.0	504428.5	5410093.3	85490.79688	234.73	41.15	48.843795	-86.939643	55815.01	56289.8	-39.85	55775.16	55857.17188	55824.19007	55874.21094	504428.5	5410093.3
L4470.0	504471.1	5411475.5	46089.00000	307.74	0	48.856230	-86.939047	56254.00	56233.9	16.13	56270.13	56269.25781	56265.25702	56262.76563	504471.1	5411475.5
L4470.0	504471.1	5411475.5	46089.10156	305.43	0	48.856230	-86.939047	56254.02	56233.9	16.13	56270.15	56269.29688	56266.81862	56264.32031	504471.1	5411475.5
L4470.0	504471.1	5411475.4	46089.19922	303.25	0	48.856229	-86.939046	56253.85	56233.9	16.13	56269.98	56269.14844	56265.74289	56263.23438	504471.1	5411475.4
L4470.0	504471.1	5411475.4	46089.30078	301.35	0	48.856229	-86.939046	56253.82	56233.9	16.14	56269.96	56269.14844	56266.75058	56264.23438	504471.1	5411475.4
L4470.0	504471.2	5411475.3	46089.39844	303.70	0	48.856228	-86.939046	56253.86	56233.9	16.14	56270.00	56269.20703	56268.60701	56266.08203	504471.2	5411475.3
L4470.0	504471.2	5411475.3	46089.50000	306.20	0	48.856227	-86.939045	56253.92	56233.9	16.14	56270.06	56269.28906	56270.76391	56268.23047	504471.2	5411475.3
L4470.0	504471.3	5411475.1	46089.60156	309.45	0	48.856226	-86.939044	56253.97	56233.9	16.14	56270.11	56269.35938	56272.80619	56270.26563	504471.3	5411475.1
L4470.0	504471.3	5411475.0	46089.69922	308.56	0	48.856225	-86.939044	56253.72	56233.9	16.14	56269.86	56269.12891	56270.61563	56268.06641	504471.3	5411475.0
L4470.0	504471.4	5411474.8	46089.80078	307.99	0	48.856224	-86.939043	56254.02	56233.9	16.15	56270.17	56269.45703	56276.42054	56273.86328	504471.4	5411474.8
L4470.0	504471.4	5411474.8	46089.89844	307.03	0	48.856224	-86.939043	56253.78	56233.9	16.15	56269.93	56269.23828	56274.40132	56271.83594	504471.4	5411474.8
L4470.0	504471.4	5411474.7	46090.00000	305.84	0	48.856222	-86.939043	56254.05	56233.8	16.15	56270.20	56269.52734	56279.76214	56277.18750	504471.4	5411474.7
L4470.0	504471.4	5411474.5	46090.10156	308.86	0	48.856220	-86.939042	56253.70	56233.8	16.15	56269.85	56269.19922	56276.17351	56273.59375	504471.4	5411474.5
L4470.0	504471.4	5411474.5	46090.19922	310.20	0	48.856220	-86.939042	56253.64	56233.8	16.16	56269.80	56269.16797	56276.95949	56274.37109	504471.4	5411474.5
L4470.0	504471.5	5411474.0	46090.30078	311.37	0	48.856216	-86.939041	56253.43	56233.8	16.16	56269.59	56268.98047	56275.40881	56272.81250	504471.5	5411474.0
L4470.0	504471.5	5411474.0	46090.39844	310.66	0	48.856216	-86.939041	56253.14	56233.8	16.17	56269.30	56268.71094	56272.67225	56270.07031	504471.5	5411474.0
L4470.0	504471.5	5411473.7	46090.50000	307.28	0	48.856213	-86.939041	56252.97	56233.8	16.17	56269.14	56268.57031	56271.86794	56269.25781	504471.5	5411473.7
L4470.0	504471.5	5411473.7	46090.60156	305.73	0	48.856213	-86.939041	56253.04	56233.8	16.17	56269.21	56268.66016	56274.50694	56271.89063	504471.5	5411473.7
L4470.0	504471.6	5411473.4	46090.69922	306.22	0	48.856210	-86.939040	56252.98	56233.8	16.18	56269.15	56268.62109	56275.22825	56272.60547	504471.6	5411473.4
L4470.0	504471.6	5411473.1	46090.80078	308.78	0	48.856208	-86.939040	56252.79	56233.8	16.18	56268.97	56268.46094	56274.17791	56271.54688	504471.6	5411473.1
L4470.0	504471.6	5411472.9	46090.89844	311.99	0	48.856206	-86.939040	56252.62	56233.8	16.19	56268.80	56268.31250	56273.29654	56270.66016	504471.6	5411472.9
L4470.0	504471.6	5411472.9	46091.00000	311.96	0	48.856206	-86.939040	56252.17	56233.8	16.19	56268.36	56267.89063	56268.45120	56265.80859	504471.6	5411472.9
L4470.0	504471.6	5411472.5	46091.10156	312.97	0	48.856202	-86.939040	56251.93	56233.8	16.19	56268.12	56267.67188	56266.61273	56263.96484	504471.6	5411472.5
L4470.0	504471.5	5411472.1	46091.19922	311.26	0	48.856199	-86.939041	56251.86	56233.8	16.20	56268.05	56267.62109	56267.29979	56264.64844	504471.5	5411472.1
L4470.0	504471.5	5411472.1	46091.30078	307.58	0	48.856199	-86.939041	56251.63	56233.8	16.20	56267.83	56267.42188	56265.82502	56263.16797	504471.5	5411472.1
L4470.0	504471.5	5411471.8	46091.39844	308.75	0	48.856196	-86.939042	56251.50	56233.8	16.21	56267.70	56267.31250	56265.68687	56263.02344	504471.5	5411471.8
L4470.0	504471.4	5411471.5	46091.50000	309.71	0	48.856193	-86.939042	56251.29	56233.8	16.21	56267.50	56267.13281	56264.57048	56261.90234	504471.4	5411471.5
L4470.0	504471.4	5411471.5	46091.60156	310.02	0	48.856193	-86.939042	56251.12	56233.8	16.21	56267.33	56266.98438	56263.91400	56261.24219	504471.4	5411471.5
L4470.0	504471.4	5411471.0	46091.69922	306.43	0	48.856189	-86.939043	56250.80	56233.8	16.22	56267.02	56266.69141	56261.31206	56258.63672	504471.4	5411471.0
L4470.0	504471.4	5411471.0	46091.80078	305.49	0	48.856189	-86.939043	56250.81	56233.8	16.22	56267.03	56266.72266	56263.23742	56260.55859	504471.4	5411471.0
L4470.0	504471.2	5411470.4	46091.89844	303.40	0	48.856184	-86.939045	56250.68	56233.8	16.23	56266.91	56266.62500	56263.34595	56260.66406	504471.2	5411470.4
L4470.0	504471.1	5411470.0	46092.00000	302.05	0	48.856180	-86.939046	56250.42	56233.8	16.23	56266.65	56266.38281	56261.52853	56258.84766	504471.1	5411470.0
L4470.0	504471.0	5411469.6	46092.10156	303.62	0	48.856177	-86.939048	56250.50	56233.8	16.23	56266.74	56266.49219	56264.57194	56261.88672	504471.0	5411469.6
L4470.0	504471.0	5411469.6	46092.19922	304.28	0	48.856177	-86.939048	56250.33	56233.8	16.24	56266.57	56266.34375	56264.03265	56261.34766	504471.0	5411469.6
L4470.0	504470.9	5411469.1	46092.30078	306.00	0	48.856172	-86.939049	56250.26	56233.8	16.24	56266.50	56266.29297	56264.88873	56262.20313	504470.9	5411469.1
L4470.0	504470.9	5411469.1	46092.39844	308.31	0	48.856172	-86.939049	56250.20	56233.8	16.25	56266.45	56266.26563	56266.04078	56263.35156	504470.9	5411469.1
L4470.0	504470.8	5411468.4	46092.50000	308.35	0	48.856166	-86.939051	56250.26	56233.8	16.25	56266.51	56266.34375	56268.74128	56266.05078	504470.8	5411468.4
L4470.0	504470.8	5411468.4	46092.60156	307.37	0	48.856166	-86.939051	56250.27	56233.7	16.25	56266.53	56266.38672	56270.93605	56268.24609	504470.8	5411468.4
L4470.0	504470.7	5411467.9	46092.69922	308.88	0	48.856161	-86.939053	56250.14	56233.7	16.26	56266.40	56266.27734	56271.09563	56268.40625	504470.7	5411467.9
L4470.0	504470.5	5411467.3	46092.80078	306.88	0	48.856156	-86.939054	56250.10	56233.7	16.26	56266.36	56266.25781	56272.56322	56269.87500	504470.5	5411467.3

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4470.0	504470.4	5411466.6	46092.89844	306.33	0	48.856150	-86.939056	56249.88	56233.7	16.27	56266.15	56266.06641	56271.68618	56269.00000	504470.4	5411466.6
L4470.0	504470.4	5411466.6	46093.00000	309.85	0	48.856150	-86.939056	56249.72	56233.7	16.27	56265.99	56265.92578	56271.55330	56268.87109	504470.4	5411466.6
L4470.0	504470.3	5411466.0	46093.10156	311.66	0	48.856144	-86.939058	56249.32	56233.7	16.28	56265.60	56265.55859	56268.13159	56265.44922	504470.3	5411466.0
L4470.0	504470.2	5411465.3	46093.19922	309.65	0	48.856138	-86.939059	56248.94	56233.7	16.28	56265.22	56265.19922	56264.82836	56262.14844	504470.2	5411465.3
L4470.0	504470.2	5411465.3	46093.30078	309.13	0	48.856138	-86.939059	56248.79	56233.7	16.29	56265.08	56265.07813	56265.05425	56262.37891	504470.2	5411465.3
L4470.0	504470.2	5411464.6	46093.39844	308.35	0	48.856131	-86.939060	56248.92	56233.7	16.29	56265.21	56265.23047	56269.36801	56266.69531	504470.2	5411464.6
L4470.0	504470.1	5411463.9	46093.50000	308.61	0	48.856125	-86.939060	56248.69	56233.7	16.30	56264.99	56265.03125	56268.54061	56265.87500	504470.1	5411463.9
L4470.0	504470.1	5411463.9	46093.60156	308.01	0	48.856125	-86.939060	56248.51	56233.7	16.31	56264.82	56264.87891	56268.51280	56265.85156	504470.1	5411463.9
L4470.0	504470.1	5411463.1	46093.69922	308.11	0	48.856118	-86.939061	56248.06	56233.7	16.31	56264.37	56264.45313	56264.26996	56261.61328	504470.1	5411463.1
L4470.0	504470.1	5411462.4	46093.80078	310.57	0	48.856112	-86.939061	56248.11	56233.7	16.32	56264.42	56264.52344	56267.71171	56265.05859	504470.1	5411462.4
L4470.0	504470.1	5411462.4	46093.89844	310.96	0	48.856112	-86.939061	56247.90	56233.7	16.32	56264.22	56264.34375	56267.40043	56264.75391	504470.1	5411462.4
L4470.0	504470.1	5411461.7	46094.00000	312.34	0	48.856105	-86.939060	56247.82	56233.7	16.33	56264.15	56264.29297	56269.16089	56266.52344	504470.1	5411461.7
L4470.0	504470.1	5411460.9	46094.10156	311.14	0	48.856099	-86.939060	56247.65	56233.7	16.33	56263.98	56264.14453	56269.45128	56266.82031	504470.1	5411460.9
L4470.0	504470.2	5411460.4	46094.19922	309.41	0	48.856094	-86.939060	56247.61	56233.7	16.33	56263.95	56264.13672	56271.98030	56269.35547	504470.2	5411460.4
L4470.0	504470.2	5411460.4	46094.30078	309.17	0	48.856094	-86.939060	56247.34	56233.7	16.34	56263.68	56263.88672	56270.86608	56268.25000	504470.2	5411460.4
L4470.0	504470.2	5411459.7	46094.39844	308.66	0	48.856087	-86.939059	56246.88	56233.7	16.34	56263.21	56263.43750	56266.72847	56264.12109	504470.2	5411459.7
L4470.0	504470.2	5411459.7	46094.50000	309.34	0	48.856087	-86.939059	56246.27	56233.7	16.34	56262.61	56262.85938	56260.66407	56258.06641	504470.2	5411459.7
L4470.0	504470.3	5411458.8	46094.60156	309.05	0	48.856080	-86.939058	56246.21	56233.7	16.34	56262.56	56262.82813	56263.18786	56260.59766	504470.3	5411458.8
L4470.0	504470.3	5411457.9	46094.69922	309.86	0	48.856071	-86.939058	56246.14	56233.7	16.34	56262.49	56262.78125	56265.47355	56262.89453	504470.3	5411457.9
L4470.0	504470.4	5411457.2	46094.80078	309.56	0	48.856065	-86.939057	56245.98	56233.7	16.35	56262.33	56262.64063	56266.44386	56263.87500	504470.4	5411457.2
L4470.0	504470.4	5411457.2	46094.89844	310.41	0	48.856065	-86.939057	56245.73	56233.7	16.35	56262.07	56262.40234	56265.95435	56263.39453	504470.4	5411457.2
L4470.0	504470.4	5411456.2	46095.00000	310.86	0	48.856056	-86.939056	56245.20	56233.7	16.35	56261.54	56261.89453	56261.42429	56258.87891	504470.4	5411456.2
L4470.0	504470.5	5411455.3	46095.10156	312.39	0	48.856048	-86.939056	56244.86	56233.6	16.35	56261.21	56261.58594	56260.04463	56257.50781	504470.5	5411455.3
L4470.0	504470.5	5411455.3	46095.19922	313.47	0	48.856048	-86.939056	56244.48	56233.6	16.36	56260.84	56261.23438	56258.14524	56255.62109	504470.5	5411455.3
L4470.0	504470.5	5411454.1	46095.30078	310.76	0	48.856037	-86.939055	56244.24	56233.6	16.36	56260.60	56261.01563	56258.29401	56255.78125	504470.5	5411454.1
L4470.0	504470.5	5411454.1	46095.39844	307.35	0	48.856037	-86.939055	56244.23	56233.6	16.37	56260.59	56261.02734	56261.96957	56259.47266	504470.5	5411454.1
L4470.0	504470.6	5411453.0	46095.50000	307.53	0	48.856027	-86.939054	56243.86	56233.6	16.37	56260.23	56260.69141	56260.44536	56257.96094	504470.6	5411453.0
L4470.0	504470.6	5411451.9	46095.60156	306.55	0	48.856017	-86.939054	56243.58	56233.6	16.37	56259.96	56260.44141	56260.34141	56257.87109	504470.6	5411451.9
L4470.0	504470.6	5411451.9	46095.69922	305.83	0	48.856017	-86.939054	56243.07	56233.6	16.38	56259.45	56259.95313	56256.72393	56254.26563	504470.6	5411451.9
L4470.0	504470.7	5411450.8	46095.80078	308.41	0	48.856007	-86.939053	56243.05	56233.6	16.38	56259.43	56259.95703	56260.47209	56258.02734	504470.7	5411450.8
L4470.0	504470.7	5411450.8	46095.89844	309.31	0	48.856007	-86.939053	56242.84	56233.6	16.39	56259.23	56259.77734	56261.59129	56259.16406	504470.7	5411450.8
L4470.0	504470.7	5411449.7	46096.00000	310.55	0	48.855997	-86.939053	56242.67	56233.6	16.39	56259.06	56259.62891	56263.20780	56260.79688	504470.7	5411449.7
L4470.0	504470.7	5411448.4	46096.10156	307.81	0	48.855986	-86.939052	56242.46	56233.6	16.39	56258.85	56259.44141	56264.28006	56261.88281	504470.7	5411448.4
L4470.0	504470.7	5411448.4	46096.19922	305.84	0	48.855986	-86.939052	56241.95	56233.6	16.40	56258.35	56258.96484	56261.10520	56258.72266	504470.7	5411448.4
L4470.0	504470.8	5411447.7	46096.30078	307.74	0	48.855979	-86.939052	56241.48	56233.6	16.40	56257.88	56258.51563	56258.42484	56256.05859	504470.8	5411447.7
L4470.0	504470.8	5411446.9	46096.39844	306.31	0	48.855972	-86.939051	56241.00	56233.6	16.40	56257.41	56258.06641	56255.79113	56253.44141	504470.8	5411446.9
L4470.0	504470.8	5411446.9	46096.50000	306.11	0	48.855972	-86.939051	56240.84	56233.6	16.40	56257.24	56257.92188	56257.62748	56255.29688	504470.8	5411446.9
L4470.0	504470.8	5411445.8	46096.60156	307.76	0	48.855962	-86.939051	56240.65	56233.6	16.41	56257.06	56257.76172	56259.34436	56257.02734	504470.8	5411445.8
L4470.0	504470.9	5411444.5	46096.69922	310.88	0	48.855951	-86.939050	56240.32	56233.6	16.41	56256.73	56257.45703	56258.87921	56256.58203	504470.9	5411444.5
L4470.0	504470.9	5411444.5	46096.80078	310.10	0	48.855951	-86.939050	56239.91	56233.6	16.41	56256.32	56257.06641	56257.26887	56254.98828	504470.9	5411444.5
L4470.0	504470.9	5411443.6	46096.89844	309.82	0	48.855942	-86.939049	56239.71	56233.6	16.42	56256.12	56256.89063	56258.75859	56256.49609	504470.9	5411443.6
L4470.0	504471.0	5411442.5	46097.00000	310.65	0	48.855933	-86.939049	56239.25	56233.6	16.42	56255.67	56256.46484	56256.61636	56254.37109	504471.0	5411442.5
L4470.0	504471.0	5411442.5	46097.10156	308.61	0	48.855933	-86.939049	56238.93	56233.6	16.42	56255.36	56256.17578	56256.53629	56254.30859	504471.0	5411442.5
L4470.0	504471.0	5411441.1	46097.19922	307.42	0	48.855920	-86.939048	56238.56	56233.6	16.42	56254.99	56255.82813	56255.60332	56253.39453	504471.0	5411441.1
L4470.0	504471.1	5411440.0	46097.30078	308.21	0	48.855911	-86.939048	56238.14	56233.6	16.43	56254.57	56255.43359	56253.97122	56251.78125	504471.1	5411440.0
L4470.0	504471.1	5411440.0	46097.39844	307.45	0	48.855911	-86.939048	56237.89	56233.6	16.43	56254.32	56255.20703	56254.79227	56252.62109	504471.1	5411440.0
L4470.0	504471.1	5411438.9	46097.50000	309.96	0	48.855900	-86.939047	56237.61	56233.6	16.43	56254.04	56254.94922	56255.18348	56253.03125	504471.1	5411438.9
L4470.0	504471.1	5411437.7	46097.60156	309.24	0	48.855890	-86.939046	56237.56	56233.6	16.43	56253.99	56254.92188	56258.82243	56256.69141	504471.1	5411437.7
L4470.0	504471.1	5411437.7	46097.69922	309.02	0	48.855890	-86.939046	56237.20	56233.6	16.43	56253.64	56254.59766	56258.20957	56256.09766	504471.1	5411437.7
L4470.0	504471.2	5411436.7	46097.80078	307.74	0	48.855881	-86.939046	56236.70	56233.6	16.44	56253.14	56254.12109	56255.50830	56253.41406	504471.2	5411436.7
L4470.0	504471.2	5411435.4	46097.89844	306.44	0	48.855869	-86.939045	56235.96	56233.6	16.44	56252.40	56253.40625	56249.49495	56247.42188	504471.2	5411435.4
L4470.0	504471.3	5411434.4	46098.00000	306.87	0	48.855860	-86.939045	56235.70	56233.6	16.44	56252.14	56253.16797	56250.18139	56248.12500	504471.3	5411434.4
L4470.0	504471.3	5411434.4	46098.10156	307.43	0	48.855860	-86.939045	56235.35	56233.6	16.44	56251.79	56252.84375	56249.61677	56247.58203	504471.3	5411434.4
L4470.0	504471.3	5411433.3	46098.19922	306.48	0	48.855850	-86.939044	56235.01	56233.6	16.45	56251.45	56252.52734	56249.18937	56247.17188	504471.3	5411433.3
L4470.0	504471.3	5411431.8	46098.30078	307.49	0	48.855836	-86.939044	56234.78	56233.6	16.45	56251.23	56252.33203	56250.40809	56248.41016	504471.3	5411431.8
L4470.0	504471.3	5411431.8	46098.39844	306.87	0	48.855836	-86.939044	56234.50	56233.5	16.45	56250.95	56252.07813	56250.79646	56248.82031	504471.3	5411431.8
L4470.0	504471.3	5411431.0	46098.50000	306.24	0	48.855829	-86.939044	56234.07	56233.5	16.46	56250.52	56251.67188	56249.12373	56247.16797	504471.3	5411431.0
L4470.0	504471.4	5411430.0	46098.60156	305.04	0	48.855820	-86.939043	56233.56	56233.5	16.46	56250.02	56251.19531	56246.48588	56244.55078	504471.4	5411430.0
L4470.0	504471.4	5411429.0	46098.69922	304.70	0	48.855811	-86.939043	56233.37	56233.5	16.46	56249.83	56251.03125	56248.10050	56246.18359	504471.4	5411429.0
L4470.0	504471.4	5411429.0	46098.80078	306.53	0	48.855811	-86.939043	56232.90	56233.5	16.46	56249.36	56250.58594	56245.85979	56243.96094	504471.4	5411429.0
L4470.0	504471.4	5411427.8	46098.89844	309.06	0	48.855800	-86.939043	56232.94	56233.5	16.47	56249.41	56250.66406	56250.79158	56248.91406	504471.4	5411427.8
L4470.0	504471.4	5411426.7	46099.00000	310.14	0	48.855791	-86.939043	56232.52	56233.5	16.47	56248.99	56250.26953	56249.23695	56247.37891	504471.4	5411426.7
L4470.0	504471.4	5411426.7	46099.10156	309.51	0	48.855791	-86.939043	56232.28	56233.5	16.48	56248.75	56250.05469	56250.17710	56248.33984	504471.4	5411426.7
L4470.0	504471.4	5411425.6	46099.19922	308.82	0	48.855781	-86.939043	56231.54	56233.5	16.48	56248.02	56249.35156	56244.27837	56242.45703	504471.4	5411425.6
L4470.0	504471.4	5411424.8	46099.30078	307.52	0	48.855773	-86.939043	56231.18	56233.5	16.49	56247.68	56249.03516	56243.80588	56242.00391	504471.4	5411424.8
L4470.0	504471.4	5411423.3	46099.39844	306.18	0	48.855760	-86.939043	56231.00	56233.5	16.50	56247.50	56248.88281	56245.58404	56243.80078	504471.4	5411423.3
L4470.0	504471.4	5411422.3	46099.50000	306.85	0	48.855751	-86.939042	56230.69	56233.5	16.50	56247.19	56248.59766	56245.54062	56243.77734	504471.4	5411422.3
L4470.0	504471.4	5411422.3	46099.60156	309.05	0	48.855751	-86.939042	56230.39	56233.5	16.51	56246.91	56248.34375	56245.92373	56244.17969	504471.4	5411422.3
L4470.0	504471.5	5411421.1	46099.69922	309.30	0	48.855740	-86.939042	56229.80	56233.5	16.52	56246.32	56247.78125	56241.91505	56240.19141	504471.5	5411421.1
L4470.0	504471.5	5411420.0	46099.80078	310.52	0	48.855731	-86.939042	56229.89	56233.5	16.53	56246.41	56247.89844	56247.55085	56245.84375	504471.5	5411420.0
L4470.0	504471.5	5411420.0	46099.89844	309.78	0	48.855731	-86.939042	56229.29	56233.5	16.53	56245.82	56247.33594	56243.54061	56241.85156	504471.5	5411420.0
L4470.0	504471.5	5411418.5	46100.00000	308.24	0	48.855717	-86.939042	56228.96	56233.5	16.54	56245.50	56247.04297	56243.36512	56241.69531	504471.5	5411418.5
L4470.0	504471.5	5411417.4	46100.10156	306.35	0	48.855707	-86.939042	56228.63	56233.5	16.54	56245.18	56246.75000	56243.19252	56241.53906	504471.5	5411417.4
L4470.0	504471.5	5411416.3	46100.19922	306.28	0	48.855697	-86.939042	56228.71	56233.5	16.55	56245.26	56246.85547	56248.67562	56247.03906	504471.5	5411416.3
L4470.0	504471.5	5411416.3	46100.30078	307.23	0	48.855697	-86.939042	56228.43	56233.4	16.55	56244.98	56246.60547	56249.05526	56247.43750	504471.5	5411416.3
L4470.0	504471.5	5411415.0	46100.39844	308.06	0	48.855685	-86.939042	56228.15	56233.4	16.56	56244.70	56246.35156	56249.43003	56247.82813	504471.5	5411415.0
L4470.0	504471.5	5411413.7	46100.50000	311.08	0	48.855673	-86.939042	56227.81	56233.4	16.56	56244.36	56246.03906	56248.96076	56247.37891	504471.5	5411413.7
L4470.0	504471.5	5411413.7	46100.60156	309.92	0	48.855673	-86.939042	56227.13	56233.4	16.56	56243.70	56245.40625	56244.04057	56242.47266	504471.5	5411413.7
L4470.0	504471.5	5411412.1	46100.69922	307.33	0	48.855659	-86.939042	56226.69	56233.4	16.57	56243.26	56244.99609	56242.21356	56240.66406	504471.5	5411412.1
L4470.0	504471.5	5411410.9	46100.80078	306.14	0	48.855649	-86.939042	56226.00	56233.4	16.57	56242.57	56244.33203	56236.95906	56235.42578	504471.5	5411410.9
L4470.0	504471.5	5411409.6	46100.89844	305.08	0	48.855637	-86.939042	56226.00	56233.4	16.58	56242.58	56244.37109	56241.35884	56239.83984	504471.5	5411409.6
L4470.0	504471.5	5411409.6	46101.00000	305.97	0	48.855637	-86.939042	56225.54	56233.4	16.58	56242.12	56243.94141	56239.30220	56237.80078	504471.5	5411409.6
L4470.0	504471.5	5411408.4	46101.10156	305.76	0	48.855626	-86.939042	56225.36	56233.4	16.58	56241.94	56243.78906	56241.06959	56239.58594	504471.5	5411408.4
L4470.0	504471.5	5411407.2	46101.19922	307.53	0	48.855616	-86.939042	56224.96	56233.4	16.58	56241.54	56243.41797	56237.95045	56236.48047	504471.5	5411407.2
L4470.0	504471.5	5411407.2	46101.30078	307.60	0	48.855616	-86.939042	56224.81	56233.4	16.58	56241.38	56243.28516	56243.26201	56241.80859	504471.5	5411407.2
L4470.0	504471.4	5411405.8	46101.39844	308.79	0	48.855603	-86.939043	56224.41	56233.4	16.58	56240.99	56242.92578	56241.60336	56240.16406	504471.4	5411405.8
L4470.0	504471.4	5411404.5	46101.50000	308.93	0	48.855590	-86.939043	56224.25	56233.4	16.58	56240.82	56242.78516	56246.54440	56245.12109	504471.4	5411404.5
L4470.0	504471.4	5411403.3	46101.60156	308.38	0	48.855580	-86.939043	56223.75	56233.4	16.57	56240.33	56242.32422	56241.91990	56240.51172	504471.4	5411403.3
L4470.0	504471.4	5411403.3	46101.69922	308.28	0	48.855580	-86.939043	56223.40	56233.4	16.57	56239.97	56241.99219	56241.18756	56239.79297	504471.4	5411403.3
L4470.0	504471.4	5411401.9	46101.80078	306.59	0	48.855567	-86.939044	56222.98	56233.4	16.57	56239.56	56241.61328	56238.99186	56237.60938	504471.4	5411401.9
L4470.0	504471.4	5411401.9	46101.89844	305.74	0	48.855567	-86.939044	56222.46	56233.4	16.57	56239.03	56241.11328	56233.31768	56231.95313	504471.4	5411401.9
L4470.0	504471.4	5411400.3	46102.00000	307.35	0	48.855553	-86.939044	56222.25	56233.4	16.57	56238.82	56240.93359	56236.95789	56235.60547	504471.4	5411400.3
L4470.0	504471.4	5411399.0	46102.10156	309.20	0	48.855542	-86.939044	56221.76	56233.4	16.57	56238.33	56240.47266	56232.47514	56231.13672	504471.4	5411399.0

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4470.0	504471.4	5411399.0	46102.19922	309.25	0	48.855542	-86.939044	56221.72	56233.4	16.58	56238.29	56240.46094	56240.86602	56239.54297	504471.4	5411399.0
L4470.0	504471.3	5411397.6	46102.30078	308.72	0	48.855529	-86.939044	56221.18	56233.4	16.58	56237.75	56239.95313	56234.91736	56233.60547	504471.3	5411397.6
L4470.0	504471.3	5411396.4	46102.39844	307.38	0	48.855518	-86.939044	56221.06	56233.4	16.58	56237.64	56239.87109	56241.11590	56239.82031	504471.3	5411396.4
L4470.0	504471.3	5411396.4	46102.50000	306.07	0	48.855518	-86.939044	56220.36	56233.4	16.58	56236.94	56239.20313	56230.64464	56229.36328	504471.3	5411396.4
L4470.0	504471.3	5411395.0	46102.60156	306.42	0	48.855505	-86.939044	56220.21	56233.4	16.59	56236.79	56239.08203	56235.55913	56234.28906	504471.3	5411395.0
L4470.0	504471.3	5411393.7	46102.69922	306.19	0	48.855494	-86.939044	56219.79	56233.4	16.59	56236.38	56238.70313	56233.15127	56231.89453	504471.3	5411393.7
L4470.0	504471.3	5411392.5	46102.80078	305.51	0	48.855483	-86.939044	56219.60	56233.4	16.59	56236.19	56238.54297	56236.77166	56235.53125	504471.3	5411392.5
L4470.0	504471.3	5411392.5	46102.89844	305.15	0	48.855483	-86.939044	56219.19	56233.4	16.60	56235.79	56238.17578	56234.54560	56233.31641	504471.3	5411392.5
L4470.0	504471.3	5411391.3	46103.00000	305.72	0	48.855472	-86.939044	56218.76	56233.4	16.60	56235.36	56237.77344	56231.48073	56230.26563	504471.3	5411391.3
L4470.0	504471.4	5411390.1	46103.10156	308.26	0	48.855461	-86.939044	56218.42	56233.4	16.60	56235.02	56237.46484	56230.85783	56229.65625	504471.4	5411390.1
L4470.0	504471.4	5411390.1	46103.19922	306.88	0	48.855461	-86.939044	56218.29	56233.4	16.60	56234.89	56237.36719	56235.90363	56234.71484	504471.4	5411390.1
L4470.0	504471.3	5411388.6	46103.30078	306.08	0	48.855448	-86.939044	56217.94	56233.4	16.60	56234.54	56237.04688	56234.98213	56233.80859	504471.3	5411388.6
L4470.0	504471.4	5411386.7	46103.39844	307.91	0	48.855431	-86.939044	56217.58	56233.4	16.60	56234.18	56236.71875	56233.81187	56232.65234	504471.4	5411386.7
L4470.0	504471.3	5411385.2	46103.50000	307.50	0	48.855417	-86.939044	56217.12	56233.4	16.60	56233.73	56236.30078	56230.26433	56229.11719	504471.3	5411385.2
L4470.0	504471.3	5411384.2	46103.60156	308.29	0	48.855408	-86.939044	56216.87	56233.4	16.61	56233.47	56236.07031	56231.83773	56230.70313	504471.3	5411384.2
L4470.0	504471.3	5411384.2	46103.69922	309.14	0	48.855408	-86.939044	56216.50	56233.4	16.61	56233.10	56235.73047	56230.50716	56229.38672	504471.3	5411384.2
L4470.0	504471.3	5411382.6	46103.80078	311.27	0	48.855394	-86.939044	56216.34	56233.4	16.61	56232.94	56235.60156	56234.79146	56233.68750	504471.3	5411382.6
L4470.0	504471.3	5411382.6	46103.89844	310.79	0	48.855394	-86.939044	56216.00	56233.4	16.61	56232.61	56235.30469	56234.57669	56233.48438	504471.3	5411382.6
L4470.0	504471.3	5411380.9	46104.00000	309.70	0	48.855379	-86.939045	56215.56	56233.4	16.61	56232.17	56234.89453	56231.46450	56230.38672	504471.3	5411380.9
L4470.0	504471.3	5411379.7	46104.10156	306.34	0	48.855368	-86.939045	56215.33	56233.4	16.61	56231.94	56234.69531	56233.91660	56232.85547	504471.3	5411379.7
L4470.0	504471.3	5411379.7	46104.19922	304.37	0	48.855368	-86.939045	56214.88	56233.4	16.61	56231.49	56234.27734	56230.53742	56229.48828	504471.3	5411379.7
L4470.0	504471.3	5411378.2	46104.30078	303.92	0	48.855354	-86.939045	56214.41	56233.4	16.62	56231.03	56233.84766	56226.87381	56225.83984	504471.3	5411378.2
L4470.0	504471.3	5411376.9	46104.39844	303.39	0	48.855342	-86.939045	56213.88	56233.4	16.62	56230.50	56233.34766	56221.33057	56220.31250	504471.3	5411376.9
L4470.0	504471.3	5411375.9	46104.50000	304.17	0	48.855333	-86.939045	56213.47	56233.4	16.62	56230.09	56232.96875	56218.91151	56217.91016	504471.3	5411375.9
L4470.0	504471.3	5411375.9	46104.60156	305.92	0	48.855333	-86.939045	56213.38	56233.4	16.62	56230.00	56232.91016	56224.87747	56223.89453	504471.3	5411375.9
L4470.0	504471.3	5411374.2	46104.69922	306.08	0	48.855318	-86.939045	56213.36	56233.4	16.62	56229.98	56232.91797	56232.63548	56231.66797	504471.3	5411374.2
L4470.0	504471.3	5411372.9	46104.80078	307.56	0	48.855307	-86.939045	56213.14	56233.4	16.63	56229.77	56232.73828	56235.34303	56234.39063	504471.3	5411372.9
L4470.0	504471.3	5411371.7	46104.89844	307.26	0	48.855295	-86.939045	56212.70	56233.4	16.63	56229.33	56232.33203	56231.95317	56231.01953	504471.3	5411371.7
L4470.0	504471.3	5411371.7	46105.00000	306.40	0	48.855295	-86.939045	56212.28	56233.4	16.63	56228.91	56231.94141	56229.06509	56228.14844	504471.3	5411371.7
L4470.0	504471.3	5411370.2	46105.10156	306.14	0	48.855283	-86.939045	56211.86	56233.4	16.63	56228.49	56231.55078	56226.16135	56225.26172	504471.3	5411370.2
L4470.0	504471.3	5411368.7	46105.19922	303.40	0	48.855269	-86.939045	56211.64	56233.4	16.63	56228.27	56231.36328	56228.54979	56227.66797	504471.3	5411368.7
L4470.0	504471.3	5411368.7	46105.30078	304.82	0	48.855269	-86.939045	56211.28	56233.4	16.63	56227.91	56231.03125	56227.24395	56226.37891	504471.3	5411368.7
L4470.0	504471.3	5411367.1	46105.39844	305.54	0	48.855254	-86.939045	56210.81	56233.4	16.63	56227.44	56230.58984	56223.02309	56222.17969	504471.3	5411367.1
L4470.0	504471.3	5411365.9	46105.50000	310.83	0	48.855243	-86.939045	56210.44	56233.4	16.63	56227.07	56230.25000	56221.46690	56220.64453	504471.3	5411365.9
L4470.0	504471.3	5411365.9	46105.60156	310.75	0	48.855243	-86.939045	56210.26	56233.4	16.63	56226.89	56230.10156	56225.00258	56224.19922	504471.3	5411365.9
L4470.0	504471.3	5411364.5	46105.69922	307.33	0	48.855231	-86.939045	56209.92	56233.4	16.63	56226.55	56229.78906	56224.26785	56223.48438	504471.3	5411364.5
L4470.0	504471.3	5411364.5	46105.80078	304.74	0	48.855231	-86.939045	56209.48	56233.4	16.63	56226.11	56229.37891	56220.82244	56220.05859	504471.3	5411364.5
L4470.0	504471.3	5411362.8	46105.89844	305.55	0	48.855216	-86.939046	56209.29	56233.4	16.63	56225.92	56229.21875	56224.09523	56223.35156	504471.3	5411362.8
L4470.0	504471.3	5411361.5	46106.00000	306.63	0	48.855204	-86.939046	56209.03	56233.4	16.63	56225.66	56228.98828	56225.45259	56224.73047	504471.3	5411361.5
L4470.0	504471.3	5411360.2	46106.10156	306.99	0	48.855193	-86.939046	56208.70	56233.4	16.63	56225.33	56228.68750	56224.85648	56224.16016	504471.3	5411360.2
L4470.0	504471.3	5411360.2	46106.19922	309.39	0	48.855193	-86.939046	56208.44	56233.4	16.64	56225.08	56228.46484	56226.39253	56225.71484	504471.3	5411360.2
L4470.0	504471.2	5411358.4	46106.30078	308.45	0	48.855177	-86.939046	56207.95	56233.4	16.64	56224.59	56228.00391	56221.24522	56220.59375	504471.2	5411358.4
L4470.0	504471.2	5411358.4	46106.39844	306.29	0	48.855177	-86.939046	56207.73	56233.4	16.65	56224.38	56227.82031	56223.76714	56223.13672	504471.2	5411358.4
L4470.0	504471.2	5411356.9	46106.50000	304.58	0	48.855163	-86.939046	56207.32	56233.3	16.65	56223.97	56227.43750	56220.67959	56220.07422	504471.2	5411356.9
L4470.0	504471.2	5411355.3	46106.60156	304.40	0	48.855148	-86.939047	56206.98	56233.3	16.65	56223.63	56227.12500	56219.50351	56218.92578	504471.2	5411355.3
L4470.0	504471.2	5411353.9	46106.69922	304.56	0	48.855135	-86.939047	56206.55	56233.3	16.66	56223.21	56226.73438	56216.06370	56215.50781	504471.2	5411353.9
L4470.0	504471.2	5411353.9	46106.80078	305.66	0	48.855135	-86.939047	56206.72	56233.3	16.66	56223.38	56226.92969	56229.36251	56228.83203	504471.2	5411353.9
L4470.0	504471.2	5411352.2	46106.89844	306.11	0	48.855121	-86.939047	56206.14	56233.3	16.67	56222.81	56226.38672	56221.78195	56221.28125	504471.2	5411352.2
L4470.0	504471.2	5411352.2	46107.00000	309.63	0	48.855121	-86.939047	56205.94	56233.3	16.67	56222.61	56226.21094	56224.81684	56224.34375	504471.2	5411352.2
L4470.0	504471.2	5411350.7	46107.10156	310.64	0	48.855107	-86.939047	56205.33	56233.3	16.67	56222.00	56225.62891	56216.29531	56215.84766	504471.2	5411350.7
L4470.0	504471.1	5411349.5	46107.19922	311.94	0	48.855096	-86.939047	56204.96	56233.3	16.67	56221.64	56225.29297	56215.07110	56214.65234	504471.1	5411349.5
L4470.0	504471.1	5411348.3	46107.30078	308.04	0	48.855085	-86.939047	56204.85	56233.3	16.68	56221.52	56225.19922	56220.90569	56220.51563	504471.1	5411348.3
L4470.0	504471.1	5411348.3	46107.39844	307.68	0	48.855085	-86.939047	56204.46	56233.3	16.68	56221.14	56224.84375	56219.50674	56219.14453	504471.1	5411348.3
L4470.0	504471.1	5411346.8	46107.50000	306.43	0	48.855072	-86.939047	56204.23	56233.3	16.68	56220.91	56224.63672	56222.60217	56222.26953	504471.1	5411346.8
L4470.0	504471.1	5411346.8	46107.60156	306.89	0	48.855072	-86.939047	56203.62	56233.3	16.68	56220.30	56224.05078	56215.04412	56214.74219	504471.1	5411346.8
L4470.0	504471.2	5411344.9	46107.69922	306.06	0	48.855054	-86.939047	56203.56	56233.3	16.68	56220.24	56224.01563	56223.37384	56223.10547	504471.2	5411344.9
L4470.0	504471.2	5411343.4	46107.80078	307.85	0	48.855041	-86.939047	56203.14	56233.3	16.69	56219.82	56223.61719	56221.61105	56221.37109	504471.2	5411343.4
L4470.0	504471.2	5411341.9	46107.89844	309.24	0	48.855027	-86.939047	56202.74	56233.3	16.69	56219.43	56223.25000	56220.86845	56220.66406	504471.2	5411341.9
L4470.0	504471.2	5411340.5	46108.00000	308.06	0	48.855015	-86.939046	56202.20	56233.3	16.69	56218.89	56222.73438	56216.03019	56215.85938	504471.2	5411340.5
L4470.0	504471.2	5411340.5	46108.10156	307.52	0	48.855015	-86.939046	56201.91	56233.3	16.69	56218.60	56222.46484	56218.41223	56218.27344	504471.2	5411340.5
L4470.0	504471.2	5411338.9	46108.19922	305.23	0	48.855001	-86.939046	56201.49	56233.3	16.69	56218.18	56222.06641	56217.24917	56217.14453	504471.2	5411338.9
L4470.0	504471.3	5411337.9	46108.30078	304.65	0	48.854991	-86.939046	56200.97	56233.3	16.69	56217.66	56221.56641	56213.40518	56213.33594	504471.3	5411337.9
L4470.0	504471.3	5411337.9	46108.39844	304.34	0	48.854991	-86.939046	56200.58	56233.3	16.69	56217.27	56221.19531	56213.35377	56213.32031	504471.3	5411337.9
L4470.0	504471.3	5411335.8	46108.50000	305.81	0	48.854973	-86.939046	56200.22	56233.3	16.69	56216.91	56220.85547	56214.27733	56214.28125	504471.3	5411335.8
L4470.0	504471.3	5411334.6	46108.60156	305.23	0	48.854962	-86.939046	56199.89	56233.3	16.69	56216.58	56220.54297	56216.18156	56216.21875	504471.3	5411334.6
L4470.0	504471.3	5411334.6	46108.69922	307.12	0	48.854962	-86.939046	56199.26	56233.3	16.69	56215.95	56219.93359	56209.82639	56209.90234	504471.3	5411334.6
L4470.0	504471.3	5411333.3	46108.80078	307.85	0	48.854950	-86.939045	56198.86	56233.3	16.69	56215.55	56219.55078	56210.07041	56210.18359	504471.3	5411333.3
L4470.0	504471.3	5411331.6	46108.89844	307.52	0	48.854935	-86.939045	56198.55	56233.3	16.69	56215.24	56219.25781	56213.00280	56213.15625	504471.3	5411331.6
L4470.0	504471.3	5411331.6	46109.00000	305.59	0	48.854935	-86.939045	56198.28	56233.3	16.69	56214.97	56219.00391	56217.24068	56217.43359	504471.3	5411331.6
L4470.0	504471.3	5411330.0	46109.10156	305.51	0	48.854920	-86.939045	56197.65	56233.3	16.69	56214.34	56218.39063	56211.46501	56211.69531	504471.3	5411330.0
L4470.0	504471.3	5411328.4	46109.19922	304.25	0	48.854906	-86.939045	56197.24	56233.3	16.69	56213.92	56217.98438	56211.76342	56212.03516	504471.3	5411328.4
L4470.0	504471.3	5411328.4	46109.30078	305.65	0	48.854906	-86.939045	56197.04	56233.3	16.68	56213.72	56217.80078	56218.52229	56218.83203	504471.3	5411328.4
L4470.0	504471.4	5411326.8	46109.39844	306.47	0	48.854892	-86.939045	56196.53	56233.3	16.68	56213.21	56217.30469	56216.52997	56216.88281	504471.4	5411326.8
L4470.0	504471.4	5411326.8	46109.50000	307.97	0	48.854892	-86.939045	56196.22	56233.3	16.68	56212.90	56217.00781	56220.46020	56220.85547	504471.4	5411326.8
L4470.0	504471.4	5411325.2	46109.60156	307.30	0	48.854877	-86.939044	56195.45	56233.3	16.68	56212.12	56216.23828	56210.69749	56211.13281	504471.4	5411325.2
L4470.0	504471.4	5411323.8	46109.69922	308.88	0	48.854865	-86.939044	56194.86	56233.3	16.68	56211.54	56215.67188	56206.80227	56207.28125	504471.4	5411323.8
L4470.0	504471.4	5411322.3	46109.80078	307.68	0	48.854851	-86.939044	56194.08	56233.3	16.67	56210.75	56214.89063	56196.62911	56197.14844	504471.4	5411322.3
L4470.0	504471.4	5411321.2	46109.89844	307.08	0	48.854841	-86.939044	56193.72	56233.3	16.67	56210.39	56214.54297	56199.42279	56199.98828	504471.4	5411321.2
L4470.0	504471.4	5411321.2	46110.00000	306.29	0	48.854841	-86.939044	56193.38	56233.3	16.67	56210.05	56214.21094	56205.99656	56206.60547	504471.4	5411321.2
L4470.0	504471.4	5411319.2	46110.10156	306.63	0	48.854824	-86.939044	56192.96	56233.3	16.67	56209.63	56213.80078	56206.55461	56207.20703	504471.4	5411319.2
L4470.0	504471.5	5411318.0	46110.19922	307.24	0	48.854813	-86.939043	56192.46	56233.3	16.67	56209.13	56213.30859	56206.13229	56206.82813	504471.5	5411318.0
L4470.0	504471.5	5411318.0	46110.30078	308.90	0	48.854813	-86.939043	56192.12	56233.3	16.66	56208.78	56212.96484	56207.88882	56208.62891	504471.5	5411318.0
L4470.0	504471.5	5411316.4	46110.39844	309.77	0	48.854798	-86.939043	56191.86	56233.3	16.66	56208.52	56212.71094	56211.02411	56211.80859	504471.5	5411316.4
L4470.0	504471.5	5411315.0	46110.50000	310.45	0	48.854786	-86.939043	56191.20	56233.3	16.66	56207.86	56212.05469	56208.73340	56209.56250	504471.5	5411315.0
L4470.0	504471.5	5411315.0	46110.60156	309.69	0	48.854786	-86.939043	56190.64	56233.3	16.66	56207.30	56211.50000	56207.94036	56208.81641	504471.5	5411315.0
L4470.0	504471.5	5411312.5	46110.69922	307.40	0	48.854763	-86.939043	56190.20	56233.3	16.66	56206.86	56211.06250	56208.93670	56209.85938	504471.5	5411312.5
L4470.0	504471.5	5411312.5	46110.80078	307.08	0	48.854763	-86.939043	56189.71	56233.3	16.65	56206.36	56210.56641	56209.21428	56210.17969	504471.5	5411312.5
L4470.0	504471.5	5411310.7	46110.89844	307.25	0	48.854747	-86.939043	56188.82	56233.3	16.65	56205.47	56209.67578	56204.18323	56205.19531	504471.5	5411310.7
L4470.0	504471.5	5411310.7	46111.00000	308.55	0	48.854747	-86.939043	56188.28	56233.3	16.65	56204.93	56209.13672	56204.15419	56205.21094	504471.5	5411310.7
L4470.0	504471.6	5411309.5	46111.10156	308.89	0	48.854736	-86.939042	56187.57	56233.3	16.65	56204.23	56208.43750	56202.04017	56203.14453	504471.6	5411309.5
L4470.0	504471.6	5411307.8	46111.19922	310.22	0	48.854721	-86.939042	56186.85	56233.3	16.65	56203.50	56207.70703	56199.66166	56200.80859	504471.6	5411307.8
L4470.0	504471.6	5411307.8	46111.30078	309.47	0	48.854721	-86.939042	56186.04	56233.3	16.65	56202.69	56206.89453	56196.35212	56197.54688	504471.6	5411307.8
L4470.0	504471.6	5411306.5	46111.39844	307.07	0	48.854709	-86.939042	56185.53	56233.3	16.65	56202.18	56206.37891	56193.06049	56194.30078	504471.6	5411306.5

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4470.0	504471.6	5411304.9	46111.50000	305.68	0	48.854695	-86.939042	56185.09	56233.3	16.65	56201.75	56205.94531	56199.03382	56200.31641	504471.6	5411304.9
L4470.0	504471.6	5411303.5	46111.60156	307.58	0	48.854682	-86.939042	56184.50	56233.3	16.66	56201.15	56205.33984	56200.00786	56201.33594	504471.6	5411303.5
L4470.0	504471.6	5411303.5	46111.69922	306.00	0	48.854682	-86.939042	56183.98	56233.3	16.66	56200.63	56204.81250	56203.45062	56204.82422	504471.6	5411303.5
L4470.0	504471.6	5411301.6	46111.80078	304.97	0	48.854665	-86.939041	56183.31	56233.3	16.66	56199.96	56204.13672	56202.59282	56204.00781	504471.6	5411301.6
L4470.0	504471.6	5411300.5	46111.89844	304.57	0	48.854655	-86.939041	56182.44	56233.3	16.66	56199.10	56203.26563	56196.48856	56197.94922	504471.6	5411300.5
L4470.0	504471.6	5411300.5	46112.00000	307.27	0	48.854655	-86.939041	56181.56	56233.3	16.66	56198.22	56202.37500	56190.16072	56191.66406	504471.6	5411300.5
L4470.0	504471.6	5411298.6	46112.10156	310.30	0	48.854639	-86.939041	56180.86	56233.3	16.66	56197.52	56201.66406	56189.14359	56190.69141	504471.6	5411298.6
L4470.0	504471.6	5411297.0	46112.19922	310.23	0	48.854624	-86.939041	56180.29	56233.3	16.65	56196.95	56201.08203	56191.85195	56193.44141	504471.6	5411297.0
L4470.0	504471.6	5411297.0	46112.30078	308.40	0	48.854624	-86.939041	56179.59	56233.4	16.65	56196.24	56200.35938	56190.97924	56192.60938	504471.6	5411297.0
L4470.0	504471.7	5411295.6	46112.39844	306.52	0	48.854611	-86.939041	56178.92	56233.4	16.64	56195.56	56199.66406	56191.17296	56192.84766	504471.7	5411295.6
L4470.0	504471.7	5411294.3	46112.50000	306.19	0	48.854599	-86.939041	56178.38	56233.4	16.64	56195.01	56199.09766	56194.98319	56196.69531	504471.7	5411294.3
L4470.0	504471.7	5411294.3	46112.60156	303.80	0	48.854599	-86.939041	56177.83	56233.4	16.64	56194.46	56198.53125	56199.00392	56200.75781	504471.7	5411294.3
L4470.0	504471.7	5411292.6	46112.69922	304.45	0	48.854584	-86.939041	56176.95	56233.4	16.63	56193.59	56197.64063	56195.29587	56197.08984	504471.7	5411292.6
L4470.0	504471.7	5411291.2	46112.80078	304.27	0	48.854571	-86.939040	56175.92	56233.4	16.63	56192.55	56196.58203	56187.86065	56189.69141	504471.7	5411291.2
L4470.0	504471.7	5411289.4	46112.89844	304.91	0	48.854555	-86.939040	56174.96	56233.4	16.62	56191.58	56195.58984	56182.65102	56184.51953	504471.7	5411289.4
L4470.0	504471.7	5411289.4	46113.00000	307.57	0	48.854555	-86.939040	56174.27	56233.4	16.62	56190.89	56194.87891	56184.65128	56186.55859	504471.7	5411289.4
L4470.0	504471.7	5411287.8	46113.10156	306.73	0	48.854541	-86.939040	56173.54	56233.4	16.62	56190.15	56194.11328	56185.75258	56187.69531	504471.7	5411287.8
L4470.0	504471.7	5411286.1	46113.19922	303.31	0	48.854526	-86.939040	56172.76	56233.4	16.62	56189.37	56193.30859	56186.19274	56188.16797	504471.7	5411286.1
L4470.0	504471.7	5411286.1	46113.30078	302.71	0	48.854526	-86.939040	56171.88	56233.4	16.61	56188.50	56192.41016	56184.74983	56186.76172	504471.7	5411286.1
L4470.0	504471.7	5411284.3	46113.39844	302.08	0	48.854509	-86.939041	56170.79	56233.4	16.61	56187.40	56191.28125	56178.01403	56180.05859	504471.7	5411284.3
L4470.0	504471.7	5411282.8	46113.50000	301.95	0	48.854496	-86.939041	56169.94	56233.4	16.61	56186.55	56190.40234	56177.45114	56179.52734	504471.7	5411282.8
L4470.0	504471.7	5411282.8	46113.60156	304.27	0	48.854496	-86.939041	56169.21	56233.4	16.61	56185.82	56189.64453	56179.93893	56182.04688	504471.7	5411282.8
L4470.0	504471.7	5411281.1	46113.69922	305.71	0	48.854481	-86.939041	56168.68	56233.4	16.61	56185.29	56189.08203	56187.47401	56189.60938	504471.7	5411281.1
L4470.0	504471.7	5411279.6	46113.80078	305.82	0	48.854467	-86.939041	56167.69	56233.4	16.60	56184.29	56188.04688	56183.60381	56185.76953	504471.7	5411279.6
L4470.0	504471.7	5411279.6	46113.89844	307.52	0	48.854467	-86.939041	56166.76	56233.4	16.60	56183.36	56187.08203	56181.45125	56183.64453	504471.7	5411279.6
L4470.0	504471.6	5411277.4	46114.00000	306.44	0	48.854448	-86.939042	56165.64	56233.4	16.60	56182.24	56185.92578	56174.44650	56176.66406	504471.6	5411277.4
L4470.0	504471.6	5411277.4	46114.10156	306.21	0	48.854448	-86.939042	56164.73	56233.4	16.60	56181.33	56184.97656	56172.65586	56174.89844	504471.6	5411277.4
L4470.0	504471.6	5411276.1	46114.19922	305.97	0	48.854436	-86.939042	56163.47	56233.4	16.60	56180.08	56183.68750	56161.92435	56164.18750	504471.6	5411276.1
L4470.0	504471.6	5411274.6	46114.30078	305.67	0	48.854423	-86.939042	56162.82	56233.4	16.61	56179.42	56182.98438	56166.50801	56168.79297	504471.6	5411274.6
L4470.0	504471.6	5411274.6	46114.39844	305.80	0	48.854423	-86.939042	56161.90	56233.4	16.61	56178.51	56182.03125	56164.50169	56166.80859	504471.6	5411274.6
L4470.0	504471.6	5411272.8	46114.50000	306.04	0	48.854406	-86.939042	56161.27	56233.4	16.61	56177.88	56181.35547	56170.10806	56172.43359	504471.6	5411272.8
L4470.0	504471.6	5411271.2	46114.60156	308.91	0	48.854391	-86.939042	56160.28	56233.4	16.61	56176.89	56180.32031	56165.92166	56168.26563	504471.6	5411271.2
L4470.0	504471.6	5411271.2	46114.69922	311.49	0	48.854391	-86.939042	56159.78	56233.4	16.61	56176.39	56179.77344	56175.44988	56177.80859	504471.6	5411271.2
L4470.0	504471.6	5411269.8	46114.80078	309.12	0	48.854379	-86.939042	56158.85	56233.4	16.62	56175.46	56178.79297	56173.03168	56175.40234	504471.6	5411269.8
L4470.0	504471.6	5411268.4	46114.89844	307.95	0	48.854366	-86.939043	56157.74	56233.4	16.62	56174.36	56177.64453	56165.72138	56168.10547	504471.6	5411268.4
L4470.0	504471.5	5411266.8	46115.00000	306.58	0	48.854353	-86.939043	56156.65	56233.4	16.62	56173.27	56176.50000	56158.62436	56161.01953	504471.5	5411266.8
L4470.0	504471.5	5411266.8	46115.10156	307.80	0	48.854353	-86.939043	56155.60	56233.4	16.62	56172.21	56175.38672	56152.36341	56154.76563	504471.5	5411266.8
L4470.0	504471.5	5411265.6	46115.19922	306.78	0	48.854341	-86.939043	56155.13	56233.4	16.61	56171.74	56174.85938	56163.55629	56165.96875	504471.5	5411265.6
L4470.0	504471.5	5411263.7	46115.30078	306.88	0	48.854324	-86.939043	56154.19	56233.4	16.61	56170.80	56173.86328	56160.97732	56163.39453	504471.5	5411263.7
L4470.0	504471.5	5411262.0	46115.39844	306.08	0	48.854309	-86.939043	56153.35	56233.4	16.60	56169.95	56172.95313	56161.11697	56163.53906	504471.5	5411262.0
L4470.0	504471.5	5411262.0	46115.50000	307.12	0	48.854309	-86.939043	56152.27	56233.4	16.60	56168.87	56171.81250	56154.36399	56156.78516	504471.5	5411262.0
L4470.0	504471.5	5411260.4	46115.60156	308.75	0	48.854295	-86.939044	56151.64	56233.4	16.60	56168.23	56171.10938	56160.83959	56163.26172	504471.5	5411260.4
L4470.0	504471.5	5411260.4	46115.69922	308.90	0	48.854295	-86.939044	56150.49	56233.4	16.59	56167.08	56169.89453	56151.86941	56154.29297	504471.5	5411260.4
L4470.0	504471.5	5411258.8	46115.80078	309.16	0	48.854280	-86.939044	56149.66	56233.4	16.59	56166.25	56169.00000	56152.46677	56154.88672	504471.5	5411258.8
L4470.0	504471.5	5411257.0	46115.89844	307.91	0	48.854264	-86.939043	56148.70	56233.4	16.58	56165.28	56167.96094	56148.66894	56151.08203	504471.5	5411257.0
L4470.0	504471.5	5411255.3	46116.00000	308.86	0	48.854248	-86.939043	56147.64	56233.4	16.58	56164.22	56166.83203	56141.93057	56144.33594	504471.5	5411255.3
L4470.0	504471.5	5411255.3	46116.10156	307.35	0	48.854248	-86.939043	56146.78	56233.4	16.58	56163.36	56165.90234	56140.97534	56143.37500	504471.5	5411255.3
L4470.0	504471.5	5411254.2	46116.19922	306.94	0	48.854239	-86.939043	56145.89	56233.4	16.58	56162.47	56164.93750	56138.76255	56141.14844	504471.5	5411254.2
L4470.0	504471.5	5411252.9	46116.30078	307.25	0	48.854227	-86.939043	56145.51	56233.4	16.58	56162.09	56164.48438	56151.49935	56153.87500	504471.5	5411252.9
L4470.0	504471.5	5411252.9	46116.39844	308.52	0	48.854227	-86.939043	56144.70	56233.4	16.58	56161.28	56163.59766	56150.73514	56153.09375	504471.5	5411252.9
L4470.0	504471.5	5411251.2	46116.50000	307.68	0	48.854212	-86.939043	56143.87	56233.4	16.58	56160.45	56162.68750	56148.78729	56151.13281	504471.5	5411251.2
L4470.0	504471.5	5411249.6	46116.60156	306.43	0	48.854198	-86.939043	56142.88	56233.4	16.57	56159.45	56161.60938	56141.12419	56143.44922	504471.5	5411249.6
L4470.0	504471.5	5411249.6	46116.69922	306.25	0	48.854198	-86.939043	56142.09	56233.4	16.57	56158.67	56160.74609	56139.32523	56141.63281	504471.5	5411249.6
L4470.0	504471.5	5411248.6	46116.80078	306.33	0	48.854188	-86.939043	56141.16	56233.4	16.57	56157.74	56159.73438	56132.32352	56134.60938	504471.5	5411248.6
L4470.0	504471.5	5411247.0	46116.89844	307.13	0	48.854174	-86.939043	56140.61	56233.4	16.57	56157.18	56159.08594	56135.40284	56137.66406	504471.5	5411247.0
L4470.0	504471.5	5411245.3	46117.00000	305.96	0	48.854159	-86.939043	56140.07	56233.4	16.57	56156.64	56158.46094	56138.12385	56140.35938	504471.5	5411245.3
L4470.0	504471.5	5411245.3	46117.10156	307.09	0	48.854159	-86.939043	56139.39	56233.4	16.57	56155.96	56157.69141	56135.80882	56138.01953	504471.5	5411245.3
L4470.0	504471.5	5411243.8	46117.19922	308.61	0	48.854146	-86.939043	56138.68	56233.4	16.57	56155.25	56156.89063	56131.68090	56133.85938	504471.5	5411243.8
L4470.0	504471.5	5411242.5	46117.30078	309.62	0	48.854133	-86.939043	56137.92	56233.4	16.57	56154.49	56156.03906	56125.17831	56127.32813	504471.5	5411242.5
L4470.0	504471.5	5411241.3	46117.39844	308.94	0	48.854122	-86.939043	56137.54	56233.4	16.57	56154.11	56155.56641	56128.46700	56130.58203	504471.5	5411241.3
L4470.0	504471.5	5411239.9	46117.50000	307.37	0	48.854110	-86.939043	56137.21	56233.4	16.57	56153.78	56155.14063	56132.02451	56134.10547	504471.5	5411239.9
L4470.0	504471.5	5411239.9	46117.60156	306.18	0	48.854110	-86.939043	56136.96	56233.4	16.56	56153.52	56154.78125	56136.35912	56138.40625	504471.5	5411239.9
L4470.0	504471.5	5411238.1	46117.69922	304.56	0	48.854094	-86.939043	56136.45	56233.4	16.56	56153.02	56154.18359	56132.90648	56134.91406	504471.5	5411238.1
L4470.0	504471.5	5411238.1	46117.80078	305.03	0	48.854094	-86.939043	56136.06	56233.4	16.56	56152.62	56153.67969	56131.09199	56133.06250	504471.5	5411238.1
L4470.0	504471.5	5411236.2	46117.89844	305.32	0	48.854077	-86.939044	56135.79	56233.4	16.56	56152.35	56153.30859	56131.63491	56133.56250	504471.5	5411236.2
L4470.0	504471.5	5411234.5	46118.00000	306.53	0	48.854062	-86.939044	56135.52	56233.4	16.56	56152.08	56152.93359	56130.95753	56132.84375	504471.5	5411234.5
L4470.0	504471.5	5411234.5	46118.10156	308.64	0	48.854062	-86.939044	56135.23	56233.4	16.56	56151.79	56152.53906	56128.51790	56130.35938	504471.5	5411234.5
L4470.0	504471.5	5411233.1	46118.19922	308.92	0	48.854049	-86.939044	56135.02	56233.4	16.56	56151.58	56152.21875	56126.92209	56128.71875	504471.5	5411233.1
L4470.0	504471.5	5411231.2	46118.30078	308.55	0	48.854032	-86.939044	56134.86	56233.4	16.56	56151.43	56151.96094	56125.57104	56127.32031	504471.5	5411231.2
L4470.0	504471.5	5411230.1	46118.39844	308.54	0	48.854022	-86.939044	56134.91	56233.4	16.56	56151.48	56151.89844	56127.98945	56129.69141	504471.5	5411230.1
L4470.0	504471.5	5411230.1	46118.50000	308.19	0	48.854022	-86.939044	56135.06	56233.4	16.56	56151.62	56151.92578	56131.23241	56132.88672	504471.5	5411230.1
L4470.0	504471.5	5411228.1	46118.60156	305.39	0	48.854004	-86.939044	56134.86	56233.4	16.57	56151.43	56151.62109	56124.60303	56126.20703	504471.5	5411228.1
L4470.0	504471.4	5411226.8	46118.69922	303.48	0	48.853992	-86.939045	56134.99	56233.4	16.57	56151.56	56151.63281	56124.59059	56126.14063	504471.4	5411226.8
L4470.0	504471.4	5411225.0	46118.80078	304.45	0	48.853976	-86.939045	56135.14	56233.4	16.57	56151.71	56151.66797	56123.52445	56125.01953	504471.4	5411225.0
L4470.0	504471.4	5411225.0	46118.89844	303.68	0	48.853976	-86.939045	56135.59	56233.4	16.57	56152.16	56151.99609	56128.40742	56129.84766	504471.4	5411225.0
L4470.0	504471.4	5411223.5	46119.00000	305.58	0	48.853962	-86.939045	56135.98	56233.4	16.57	56152.55	56152.26563	56130.17882	56131.56641	504471.4	5411223.5
L4470.0	504471.4	5411221.9	46119.10156	305.28	0	48.853948	-86.939045	56136.53	56233.4	16.57	56153.10	56152.69141	56134.36611	56135.69531	504471.4	5411221.9
L4470.0	504471.4	5411221.9	46119.19922	305.05	0	48.853948	-86.939045	56136.91	56233.4	16.57	56153.48	56152.94922	56132.66893	56133.94141	504471.4	5411221.9
L4470.0	504471.4	5411220.2	46119.30078	305.04	0	48.853933	-86.939045	56137.29	56233.4	16.57	56153.86	56153.20313	56129.33447	56130.54688	504471.4	5411220.2
L4470.0	504471.4	5411218.7	46119.39844	305.26	0	48.853920	-86.939046	56137.88	56233.4	16.57	56154.44	56153.65625	56129.45441	56130.60938	504471.4	5411218.7
L4470.0	504471.4	5411218.7	46119.50000	304.90	0	48.853920	-86.939046	56138.36	56233.4	16.57	56154.92	56154.00781	56125.36879	56126.46094	504471.4	5411218.7
L4470.0	504471.3	5411216.9	46119.60156	305.75	0	48.853903	-86.939046	56139.11	56233.4	16.56	56155.67	56154.62891	56126.62401	56127.65625	504471.3	5411216.9
L4470.0	504471.3	5411215.3	46119.69922	306.85	0	48.853889	-86.939047	56139.77	56233.4	16.56	56156.33	56155.15625	56123.90075	56124.87109	504471.3	5411215.3
L4470.0	504471.3	5411215.3	46119.80078	308.19	0	48.853889	-86.939047	56140.88	56233.4	16.56	56157.45	56156.14063	56131.74824	56132.65625	504471.3	5411215.3
L4470.0	504471.3	5411213.9	46119.89844	308.81	0	48.853876	-86.939047	56141.69	56233.4	16.56	56158.25	56156.80859	56129.49018	56130.33594	504471.3	5411213.9
L4470.0	504471.2	5411212.4	46120.00000	309.37	0	48.853863	-86.939048	56142.83	56233.4	16.56	56159.39	56157.81250	56134.79073	56135.57422	504471.2	5411212.4
L4470.0	504471.2	5411211.1	46120.10156	308.95	0	48.853851	-86.939048	56143.95	56233.4	16.56	56160.51	56158.79688	56137.96182	56138.68359	504471.2	5411211.1
L4470.0	504471.2	5411211.1	46120.19922	309.57	0	48.853851	-86.939048	56145.54	56233.4	16.56	56162.10	56160.24609	56152.59348	56153.25000	504471.2	5411211.1
L4470.0	504471.2	5411209.8	46120.30078	307.98	0	48.853840	-86.939048	56146.52	56233.4	16.56	56163.08	56161.08984	56148.53457	56149.12891	504471.2	5411209.8
L4470.0	504471.2	5411208.4	46120.39844	305.99	0	48.853827	-86.939049	56147.41	56233.4	16.56	56163.98	56161.84766	56140.27937	56140.80859	504471.2	5411208.4
L4470.0	504471.1	5411206.9	46120.50000	305.59	0	48.853814	-86.939049	56148.02	56233.4	16.56	56164.58	56162.30469	56121.36266	56121.82813	504471.1	5411206.9
L4470.0	504471.1	5411206.9	46120.60156	305.74	0	48.853814	-86.939049	56149.59	56233.4	16.57	56166.15	56163.73438	56128.38428	56128.78906	504471.1	5411206.9
L4470.0	504471.1	5411205.3	46120.69922	305.22	0	48.853799	-86.939049	56151.10	56233.4	16.57	56167.67	56165.10938	56132.15164	56132.49219	504471.1	5411205.3

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4470.0	504471.1	5411203.9	46120.80078	307.45	0	48.853786	-86.939049	56152.75	56233.4	16.57	56169.32	56166.61328	56137.88932	56138.16797	504471.1	5411203.9
L4470.0	504471.1	5411203.9	46120.89844	307.69	0	48.853786	-86.939049	56154.58	56233.4	16.57	56171.15	56168.30078	56147.12059	56147.33594	504471.1	5411203.9
L4470.0	504471.1	5411202.3	46121.00000	310.22	0	48.853772	-86.939049	56156.04	56233.4	16.57	56172.61	56169.61328	56143.50757	56143.66016	504471.1	5411202.3
L4470.0	504471.1	5411200.9	46121.10156	308.28	0	48.853759	-86.939050	56157.76	56233.4	16.57	56174.33	56171.18359	56145.75884	56145.85156	504471.1	5411200.9
L4470.0	504471.1	5411200.9	46121.19922	307.13	0	48.853759	-86.939050	56159.42	56233.4	16.57	56175.99	56172.69531	56144.37026	56144.39844	504471.1	5411200.9
L4470.0	504471.1	5411199.3	46121.30078	305.94	0	48.853745	-86.939050	56161.77	56233.4	16.57	56178.34	56174.89844	56161.94859	56161.91797	504471.1	5411199.3
L4470.0	504471.1	5411197.7	46121.39844	306.53	0	48.853730	-86.939050	56163.70	56233.4	16.57	56180.27	56176.67578	56165.15363	56165.06250	504471.1	5411197.7
L4470.0	504471.1	5411197.7	46121.50000	305.64	0	48.853730	-86.939050	56165.82	56233.4	16.57	56182.39	56178.64453	56172.38795	56172.23828	504471.1	5411197.7
L4470.0	504471.0	5411195.8	46121.60156	307.51	0	48.853714	-86.939050	56167.39	56233.4	16.57	56183.96	56180.06641	56161.32210	56161.11719	504471.0	5411195.8
L4470.0	504471.0	5411194.5	46121.69922	310.00	0	48.853702	-86.939050	56169.29	56233.4	16.57	56185.86	56181.81250	56158.61314	56158.35156	504471.0	5411194.5
L4470.0	504471.0	5411194.5	46121.80078	312.04	0	48.853702	-86.939050	56171.08	56233.4	16.57	56187.65	56183.44922	56151.00832	56150.69141	504471.0	5411194.5
L4470.0	504471.0	5411192.6	46121.89844	309.53	0	48.853685	-86.939051	56173.44	56233.4	16.57	56190.01	56185.65625	56159.12797	56158.75391	504471.0	5411192.6
L4470.0	504471.0	5411191.0	46122.00000	308.52	0	48.853671	-86.939051	56176.12	56233.4	16.57	56192.69	56188.18359	56175.41438	56174.98828	504471.0	5411191.0
L4470.0	504471.0	5411191.0	46122.10156	307.10	0	48.853671	-86.939051	56178.30	56233.4	16.57	56194.86	56190.19922	56174.83233	56174.35547	504471.0	5411191.0
L4470.0	504471.0	5411189.4	46122.19922	306.24	0	48.853656	-86.939051	56180.76	56233.4	16.56	56197.33	56192.51563	56181.88163	56181.35547	504471.0	5411189.4
L4470.0	504471.0	5411188.0	46122.30078	306.57	0	48.853643	-86.939051	56182.70	56233.4	16.56	56199.26	56194.29297	56171.32167	56170.74609	504471.0	5411188.0
L4470.0	504471.0	5411186.6	46122.39844	306.46	0	48.853631	-86.939051	56185.53	56233.4	16.56	56202.08	56196.95703	56186.18539	56185.56641	504471.0	5411186.6
L4470.0	504471.0	5411186.6	46122.50000	306.57	0	48.853631	-86.939051	56187.74	56233.4	16.56	56204.29	56199.01172	56181.48636	56180.82031	504471.0	5411186.6
L4470.0	504471.0	5411184.8	46122.60156	307.61	0	48.853614	-86.939051	56190.58	56233.4	16.55	56207.13	56201.69922	56194.41185	56193.70313	504471.0	5411184.8
L4470.0	504471.0	5411183.0	46122.69922	310.73	0	48.853599	-86.939051	56192.94	56233.5	16.55	56209.49	56203.90234	56191.87760	56191.12891	504471.0	5411183.0
L4470.0	504471.0	5411183.0	46122.80078	309.11	0	48.853599	-86.939051	56195.76	56233.5	16.55	56212.31	56206.57031	56201.94028	56201.15234	504471.0	5411183.0
L4470.0	504471.0	5411181.6	46122.89844	307.52	0	48.853585	-86.939051	56198.23	56233.5	16.54	56214.77	56208.87500	56200.35267	56199.52734	504471.0	5411181.6
L4470.0	504471.1	5411180.4	46123.00000	306.67	0	48.853575	-86.939050	56200.86	56233.5	16.54	56217.40	56211.35156	56202.89269	56202.03125	504471.1	5411180.4
L4470.0	504471.1	5411178.3	46123.10156	306.22	0	48.853556	-86.939050	56203.56	56233.5	16.54	56220.09	56213.88672	56206.36809	56205.47656	504471.1	5411178.3
L4470.0	504471.1	5411178.3	46123.19922	305.17	0	48.853556	-86.939050	56206.17	56233.5	16.53	56222.71	56216.35156	56207.06057	56206.14063	504471.1	5411178.3
L4470.0	504471.1	5411177.1	46123.30078	305.83	0	48.853545	-86.939050	56209.18	56233.5	16.53	56225.71	56219.19922	56218.08635	56217.13672	504471.1	5411177.1
L4470.0	504471.1	5411177.1	46123.39844	306.33	0	48.853545	-86.939050	56211.91	56233.5	16.53	56228.44	56221.77734	56220.65808	56219.68359	504471.1	5411177.1
L4470.0	504471.1	5411175.4	46123.50000	307.17	0	48.853530	-86.939050	56215.10	56233.5	16.53	56231.63	56224.81250	56235.84906	56234.85156	504471.1	5411175.4
L4470.0	504471.1	5411173.8	46123.60156	308.95	0	48.853516	-86.939050	56217.30	56233.5	16.52	56233.82	56226.85156	56221.94195	56220.92578	504471.1	5411173.8
L4470.0	504471.1	5411172.2	46123.69922	308.53	0	48.853501	-86.939050	56219.88	56233.5	16.52	56236.40	56229.28125	56218.78929	56217.75781	504471.1	5411172.2
L4470.0	504471.1	5411172.2	46123.80078	307.80	0	48.853501	-86.939050	56222.68	56233.5	16.52	56239.20	56231.92969	56221.48476	56220.43750	504471.1	5411172.2
L4470.0	504471.1	5411170.5	46123.89844	306.21	0	48.853486	-86.939050	56225.80	56233.5	16.51	56242.31	56234.89063	56232.54354	56231.48438	504471.1	5411170.5
L4470.0	504471.1	5411168.9	46124.00000	304.87	0	48.853472	-86.939050	56228.71	56233.5	16.51	56245.22	56237.65234	56237.59866	56236.53125	504471.1	5411168.9
L4470.0	504471.1	5411168.9	46124.10156	304.98	0	48.853472	-86.939050	56231.77	56233.5	16.51	56248.28	56240.56641	56246.56821	56245.49609	504471.1	5411168.9
L4470.0	504471.1	5411167.0	46124.19922	303.70	0	48.853454	-86.939050	56235.12	56233.5	16.51	56251.63	56243.76953	56263.42469	56262.35156	504471.1	5411167.0
L4470.0	504471.1	5411166.0	46124.30078	305.37	0	48.853445	-86.939050	56237.41	56233.5	16.51	56253.92	56245.91406	56250.31820	56249.24609	504471.1	5411166.0
L4470.0	504471.1	5411164.3	46124.39844	306.42	0	48.853430	-86.939050	56240.44	56233.5	16.51	56256.95	56248.80078	56257.85790	56256.79297	504471.1	5411164.3
L4470.0	504471.1	5411164.3	46124.50000	307.76	0	48.853430	-86.939050	56243.02	56233.5	16.51	56259.53	56251.23828	56252.66922	56251.60938	504471.1	5411164.3
L4470.0	504471.1	5411162.3	46124.60156	309.34	0	48.853412	-86.939051	56246.24	56233.5	16.51	56262.75	56254.31641	56265.48587	56264.43750	504471.1	5411162.3
L4470.0	504471.1	5411162.3	46124.69922	306.06	0	48.853412	-86.939051	56248.92	56233.5	16.51	56265.43	56256.85547	56263.14617	56262.11328	504471.1	5411162.3
L4470.0	504471.0	5411160.9	46124.80078	305.75	0	48.853399	-86.939051	56251.80	56233.5	16.51	56268.31	56259.59766	56266.57288	56265.55859	504471.0	5411160.9
L4470.0	504471.0	5411159.5	46124.89844	306.88	0	48.853387	-86.939051	56254.51	56233.5	16.51	56271.02	56262.17188	56265.36852	56264.37891	504471.0	5411159.5
L4470.0	504471.0	5411159.5	46125.00000	307.40	0	48.853387	-86.939051	56257.57	56233.5	16.51	56274.08	56265.09375	56274.35121	56273.38672	504471.0	5411159.5
L4470.0	504471.0	5411157.9	46125.10156	307.61	0	48.853372	-86.939051	56260.67	56233.5	16.51	56277.18	56268.06250	56284.80417	56283.86719	504471.0	5411157.9
L4470.0	504471.0	5411156.5	46125.19922	306.70	0	48.853360	-86.939051	56263.26	56233.5	16.51	56279.77	56270.51953	56281.05148	56280.14844	504471.0	5411156.5
L4470.0	504471.0	5411154.9	46125.30078	306.58	0	48.853345	-86.939051	56266.12	56233.5	16.51	56282.63	56273.25000	56285.37171	56284.50781	504471.0	5411154.9
L4470.0	504471.0	5411154.9	46125.39844	307.33	0	48.853345	-86.939051	56268.93	56233.5	16.51	56285.43	56275.92188	56288.36037	56287.53516	504471.0	5411154.9
L4470.0	504471.0	5411152.9	46125.50000	307.74	0	48.853328	-86.939052	56272.02	56233.5	16.51	56288.52	56278.88672	56300.08471	56299.30469	504471.0	5411152.9
L4470.0	504471.0	5411152.9	46125.60156	307.35	0	48.853328	-86.939052	56274.59	56233.5	16.50	56291.10	56281.34375	56297.54096	56296.80859	504471.0	5411152.9
L4470.0	504471.0	5411151.5	46125.69922	305.97	0	48.853315	-86.939052	56277.68	56233.5	16.50	56294.18	56284.30078	56309.79516	56309.11719	504471.0	5411151.5
L4470.0	504470.9	5411149.7	46125.80078	305.91	0	48.853299	-86.939053	56280.36	56233.5	16.50	56296.86	56286.86328	56310.91456	56310.29297	504470.9	5411149.7
L4470.0	504470.9	5411149.7	46125.89844	305.39	0	48.853299	-86.939053	56282.91	56233.5	16.50	56299.42	56289.30469	56308.96469	56308.40625	504470.9	5411149.7
L4470.0	504470.9	5411148.5	46126.00000	303.91	0	48.853288	-86.939053	56285.29	56233.5	16.50	56301.79	56291.56250	56301.94370	56301.44922	504470.9	5411148.5
L4470.0	504470.9	5411147.1	46126.10156	306.14	0	48.853275	-86.939053	56287.92	56233.5	16.50	56304.42	56294.08203	56302.85950	56302.43359	504470.9	5411147.1
L4470.0	504470.8	5411145.6	46126.19922	306.79	0	48.853262	-86.939054	56290.90	56233.5	16.50	56307.40	56296.95313	56314.31742	56313.96484	504470.8	5411145.6
L4470.0	504470.8	5411145.6	46126.30078	306.76	0	48.853262	-86.939054	56293.50	56233.5	16.50	56309.99	56299.43359	56315.04613	56314.77344	504470.8	5411145.6
L4470.0	504470.8	5411143.6	46126.39844	307.90	0	48.853244	-86.939054	56296.16	56233.5	16.50	56312.66	56302.00000	56318.63162	56318.44141	504470.8	5411143.6
L4470.0	504470.8	5411142.3	46126.50000	308.62	0	48.853232	-86.939055	56298.63	56233.5	16.50	56315.12	56304.35938	56316.81286	56316.70703	504470.8	5411142.3
L4470.0	504470.8	5411142.3	46126.60156	307.30	0	48.853232	-86.939055	56301.88	56233.5	16.49	56318.37	56307.51172	56338.26509	56338.25000	504470.8	5411142.3
L4470.0	504470.7	5411140.3	46126.69922	307.79	0	48.853214	-86.939056	56304.64	56233.5	16.49	56321.13	56310.17969	56346.39915	56346.47656	504470.7	5411140.3
L4470.0	504470.7	5411139.2	46126.80078	307.07	0	48.853205	-86.939056	56307.31	56233.5	16.49	56323.80	56312.75781	56352.74102	56352.91797	504470.7	5411139.2
L4470.0	504470.6	5411137.9	46126.89844	305.91	0	48.853192	-86.939057	56309.22	56233.5	16.49	56325.71	56314.57813	56338.32739	56338.60938	504470.6	5411137.9
L4470.0	504470.6	5411137.9	46127.00000	305.38	0	48.853192	-86.939057	56311.55	56233.5	16.49	56328.04	56316.82031	56336.76788	56337.15625	504470.6	5411137.9
L4470.0	504470.6	5411136.2	46127.10156	304.72	0	48.853178	-86.939057	56314.15	56233.5	16.49	56330.64	56319.33984	56343.76516	56344.26563	504470.6	5411136.2
L4470.0	504470.5	5411134.3	46127.19922	306.16	0	48.853160	-86.939058	56316.35	56233.5	16.49	56332.84	56321.46094	56340.37405	56340.99219	504470.5	5411134.3
L4470.0	504470.5	5411134.3	46127.30078	307.25	0	48.853160	-86.939058	56318.96	56233.5	16.49	56335.45	56323.99609	56349.46678	56350.20313	504470.5	5411134.3
L4470.0	504470.5	5411132.6	46127.39844	306.96	0	48.853145	-86.939059	56321.22	56233.5	16.49	56337.71	56326.18359	56349.59817	56350.46094	504470.5	5411132.6
L4470.0	504470.4	5411130.8	46127.50000	308.34	0	48.853129	-86.939060	56323.92	56233.5	16.49	56340.41	56328.81250	56362.95937	56363.95313	504470.4	5411130.8
L4470.0	504470.4	5411130.8	46127.60156	308.10	0	48.853129	-86.939060	56326.14	56233.5	16.49	56342.63	56330.96875	56363.69451	56364.82031	504470.4	5411130.8
L4470.0	504470.4	5411129.2	46127.69922	306.05	0	48.853114	-86.939060	56328.36	56233.5	16.49	56344.85	56333.12500	56365.26298	56366.52734	504470.4	5411129.2
L4470.0	504470.3	5411127.9	46127.80078	305.64	0	48.853103	-86.939061	56330.41	56233.5	16.49	56346.90	56335.11719	56362.90109	56364.30859	504470.3	5411127.9
L4470.0	504470.3	5411127.9	46127.89844	305.57	0	48.853103	-86.939061	56332.55	56233.5	16.49	56349.04	56337.20313	56363.85250	56365.40625	504470.3	5411127.9
L4470.0	504470.3	5411126.4	46128.00000	306.39	0	48.853089	-86.939062	56334.72	56233.5	16.49	56351.21	56339.32422	56366.42817	56368.13281	504470.3	5411126.4
L4470.0	504470.2	5411124.7	46128.10156	307.09	0	48.853074	-86.939062	56336.58	56233.5	16.49	56353.07	56341.13672	56361.21671	56363.07813	504470.2	5411124.7
L4470.0	504470.2	5411124.7	46128.19922	305.00	0	48.853074	-86.939062	56338.96	56233.5	16.49	56355.45	56343.47266	56371.20693	56373.22656	504470.2	5411124.7
L4470.0	504470.2	5411123.1	46128.30078	306.70	0	48.853060	-86.939063	56341.20	56233.5	16.49	56357.69	56345.67578	56378.14134	56380.32422	504470.2	5411123.1
L4470.0	504470.2	5411121.3	46128.39844	307.07	0	48.853043	-86.939063	56343.37	56233.5	16.49	56359.86	56347.81250	56384.00220	56386.35547	504470.2	5411121.3
L4470.0	504470.2	5411121.3	46128.50000	307.26	0	48.853043	-86.939063	56344.98	56233.5	16.49	56361.47	56349.39063	56375.45144	56377.97656	504470.2	5411121.3
L4470.0	504470.1	5411119.9	46128.60156	306.38	0	48.853030	-86.939064	56347.32	56233.5	16.50	56363.82	56351.71484	56388.09755	56390.79688	504470.1	5411119.9
L4470.0	504470.1	5411119.9	46128.69922	303.41	0	48.853030	-86.939064	56349.26	56233.5	16.50	56365.76	56353.63281	56390.55369	56393.43359	504470.1	5411119.9
L4470.0	504470.1	5411117.7	46128.80078	304.06	0	48.853011	-86.939064	56351.13	56233.5	16.50	56367.63	56355.48438	56392.16561	56395.23047	504470.1	5411117.7
L4470.0	504470.1	5411116.2	46128.89844	304.51	0	48.852997	-86.939064	56352.94	56233.5	16.50	56369.44	56357.27734	56393.24674	56396.50000	504470.1	5411116.2
L4470.0	504470.1	5411116.2	46129.00000	305.43	0	48.852997	-86.939064	56354.68	56233.5	16.50	56371.18	56359.00781	56393.56211	56397.00781	504470.1	5411116.2
L4470.0	504470.1	5411114.3	46129.10156	306.68	0	48.852981	-86.939065	56356.16	56233.5	16.50	56372.66	56360.48438	56388.06811	56391.71094	504470.1	5411114.3
L4470.0	504470.1	5411114.3	46129.19922	308.25	0	48.852981	-86.939065	56357.89	56233.5	16.50	56374.39	56362.21094	56390.37058	56394.21094	504470.1	5411114.3
L4470.0	504470.0	5411112.7	46129.30078	308.50	0	48.852966	-86.939065	56359.66	56233.5	16.49	56376.15	56363.97656	56394.55080	56398.59766	504470.0	5411112.7
L4470.0	504470.0	5411111.1	46129.39844	307.67	0	48.852951	-86.939065	56361.36	56233.5	16.49	56377.85	56365.68359	56398.19861	56402.45313	504470.0	5411111.1
L4470.0	504470.0	5411109.4	46129.50000	307.10	0	48.852936	-86.939066	56363.22	56233.5	16.49	56379.71	56367.55469	56407.11392	56411.58203	504470.0	5411109.4
L4470.0	504470.0	5411109.4	46129.60156	304.66	0	48.852936	-86.939066	56364.40	56233.5	16.49	56380.89	56368.75000	56399.05486	56403.73828	504470.0	5411109.4
L4470.0	504470.0	5411108.1	46129.69922	303.77	0	48.852924	-86.939066	56366.14	56233.5	16.49	56382.62	56370.50391	56406.54248	56411.44141	504470.0	5411108.1
L4470.0	504470.0	5411106.1	46129.80078	302.91	0	48.852907	-86.939066	56367.36	56233.5	16.48	56383.84	56371.74609	56401.46081	56406.58203	504470.0	5411106.1
L4470.0	504470.0	5411106.1	46129.89844	304.22	0	48.852907	-86.939066	56369.20	56233.5	16.48	56385.68	56373.61719	56413.87921	56419.22656	504470.0	5411106.1
L4470.0	504469.9	5411104.8	46130.00000	305.33	0	48.852895	-86.939067	56370.50	56233.5	16.48	56386.98	56374.95313	56412.85727	56418.43750	504469.9	5411104.8

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4470.0	504469.9	5411104.8	46130.00000	305.33	0	48.852895	-86.939067	56371.77	56233.5	16.48	56388.25	56376.26172	56411.97955	56417.78906	504469.9	5411104.8
L4470.0	504469.9	5411102.7	46130.19922	307.13	0	48.852876	-86.939067	56373.06	56233.5	16.48	56389.53	56377.58203	56412.35912	56418.40625	504469.9	5411102.7
L4470.0	504469.9	5411101.4	46130.30078	307.99	0	48.852864	-86.939067	56374.38	56233.5	16.47	56390.85	56378.95313	56414.89466	56421.17969	504469.9	5411101.4
L4470.0	504469.9	5411100.0	46130.39844	308.30	0	48.852852	-86.939068	56375.63	56233.5	16.47	56392.10	56380.25391	56416.61079	56423.14063	504469.9	5411100.0
L4470.0	504469.9	5411100.0	46130.50000	307.07	0	48.852852	-86.939068	56376.50	56233.5	16.47	56392.97	56381.17969	56408.68728	56415.46094	504469.9	5411100.0
L4470.0	504469.8	5411098.1	46130.60156	306.47	0	48.852835	-86.939068	56377.80	56233.5	16.47	56394.26	56382.53125	56413.87059	56420.89453	504469.8	5411098.1
L4470.0	504469.8	5411096.5	46130.69922	305.61	0	48.852820	-86.939068	56379.00	56233.5	16.47	56395.46	56383.79688	56417.81328	56425.08594	504469.8	5411096.5
L4470.0	504469.8	5411096.5	46130.80078	304.24	0	48.852820	-86.939068	56380.56	56233.5	16.46	56397.02	56385.42969	56433.83628	56441.36328	504469.8	5411096.5
L4470.0	504469.8	5411095.3	46130.89844	305.55	0	48.852810	-86.939068	56381.50	56233.5	16.46	56397.96	56386.44531	56432.98806	56440.77344	504469.8	5411095.3
L4470.0	504469.8	5411093.9	46131.00000	306.05	0	48.852797	-86.939069	56382.37	56233.5	16.46	56398.83	56387.39453	56431.34793	56439.39453	504469.8	5411093.9
L4470.0	504469.8	5411093.9	46131.10156	307.97	0	48.852797	-86.939069	56383.34	56233.5	16.46	56399.80	56388.44531	56435.12406	56443.43359	504469.8	5411093.9
L4470.0	504469.8	5411092.3	46131.19922	311.42	0	48.852782	-86.939069	56384.18	56233.5	16.46	56400.64	56389.37500	56435.93424	56444.50781	504469.8	5411092.3
L4470.0	504469.8	5411090.7	46131.30078	310.09	0	48.852768	-86.939069	56384.79	56233.5	16.46	56401.25	56390.07813	56434.05843	56442.89844	504469.8	5411090.7
L4470.0	504469.8	5411090.7	46131.39844	309.80	0	48.852768	-86.939069	56385.30	56233.5	16.46	56401.76	56390.68750	56431.26108	56440.37109	504469.8	5411090.7
L4470.0	504469.8	5411089.1	46131.50000	308.77	0	48.852753	-86.939069	56386.22	56233.5	16.47	56402.68	56391.70703	56434.63274	56444.01563	504469.8	5411089.1
L4470.0	504469.8	5411087.6	46131.60156	308.02	0	48.852740	-86.939069	56387.14	56233.5	16.47	56403.61	56392.74219	56438.63658	56448.29297	504469.8	5411087.6
L4470.0	504469.8	5411086.1	46131.69922	307.55	0	48.852727	-86.939069	56387.78	56233.5	16.47	56404.24	56393.48438	56438.96127	56448.89063	504469.8	5411086.1
L4470.0	504469.8	5411086.1	46131.80078	308.08	0	48.852727	-86.939069	56388.11	56233.5	16.47	56404.58	56393.94141	56435.77861	56445.98828	504469.8	5411086.1
L4470.0	504469.8	5411084.2	46131.89844	309.30	0	48.852709	-86.939069	56388.95	56233.5	16.47	56405.42	56394.89844	56439.95142	56450.44141	504469.8	5411084.2
L4470.0	504469.8	5411084.2	46132.00000	309.32	0	48.852709	-86.939069	56389.20	56233.5	16.47	56405.67	56395.27344	56436.56540	56447.33594	504469.8	5411084.2
L4470.0	504469.8	5411082.9	46132.10156	311.25	0	48.852698	-86.939069	56390.02	56233.5	16.47	56406.49	56396.21875	56440.96438	56452.01953	504469.8	5411082.9
L4470.0	504469.8	5411081.5	46132.19922	310.75	0	48.852685	-86.939069	56389.94	56233.5	16.47	56406.41	56396.27344	56426.06061	56437.39844	504469.8	5411081.5
L4470.0	504469.8	5411079.5	46132.30078	308.84	0	48.852667	-86.939069	56390.79	56233.5	16.47	56407.25	56397.24609	56439.77403	56451.39844	504469.8	5411079.5
L4470.0	504469.8	5411079.5	46132.39844	306.95	0	48.852667	-86.939069	56390.69	56233.5	16.47	56407.15	56397.28906	56427.22864	56439.14063	504469.8	5411079.5
L4470.0	504469.8	5411077.9	46132.50000	305.95	0	48.852653	-86.939069	56391.40	56233.5	16.46	56407.86	56398.14063	56439.34866	56451.55078	504469.8	5411077.9
L4470.0	504469.8	5411076.7	46132.60156	304.95	0	48.852642	-86.939069	56391.56	56233.5	16.46	56408.02	56398.44922	56436.96378	56449.45703	504469.8	5411076.7
L4470.0	504469.8	5411075.3	46132.69922	304.95	0	48.852630	-86.939069	56391.78	56233.5	16.46	56408.24	56398.82031	56437.55077	56450.33203	504469.8	5411075.3
L4470.0	504469.8	5411075.3	46132.80078	302.99	0	48.852630	-86.939069	56391.73	56233.5	16.46	56408.20	56398.93750	56432.26540	56445.33984	504469.8	5411075.3
L4470.0	504469.8	5411073.9	46132.89844	303.96	0	48.852617	-86.939069	56391.73	56233.5	16.46	56408.19	56399.08594	56429.11541	56442.48047	504469.8	5411073.9
L4470.0	504469.7	5411072.1	46133.00000	305.48	0	48.852601	-86.939070	56392.19	56233.5	16.46	56408.65	56399.71094	56439.73327	56453.39453	504469.7	5411072.1
L4470.0	504469.7	5411072.1	46133.10156	305.04	0	48.852601	-86.939070	56391.84	56233.5	16.46	56408.30	56399.52734	56429.86989	56443.82422	504469.7	5411072.1
L4470.0	504469.7	5411070.9	46133.19922	307.20	0	48.852590	-86.939070	56392.16	56233.5	16.46	56408.62	56400.01953	56438.88664	56453.13281	504469.7	5411070.9
L4470.0	504469.7	5411069.3	46133.30078	305.66	0	48.852576	-86.939070	56391.88	56233.5	16.46	56408.34	56399.91406	56433.12775	56447.66797	504469.7	5411069.3
L4470.0	504469.7	5411067.7	46133.39844	306.27	0	48.852561	-86.939070	56391.88	56233.5	16.46	56408.34	56400.08984	56435.79864	56450.63672	504469.7	5411067.7
L4470.0	504469.7	5411067.7	46133.50000	304.77	0	48.852561	-86.939070	56391.04	56233.5	16.45	56407.50	56399.42969	56417.17726	56432.30859	504469.7	5411067.7
L4470.0	504469.7	5411065.9	46133.60156	303.71	0	48.852545	-86.939070	56390.74	56233.5	16.45	56407.19	56399.30469	56413.43809	56428.86719	504469.7	5411065.9
L4470.0	504469.7	5411064.6	46133.69922	302.70	0	48.852533	-86.939070	56391.04	56233.5	16.45	56407.50	56399.80469	56427.36880	56443.08984	504469.7	5411064.6
L4470.0	504469.7	5411064.6	46133.80078	302.88	0	48.852533	-86.939070	56391.20	56233.5	16.45	56407.65	56400.14453	56438.21087	56454.22656	504469.7	5411064.6
L4470.0	504469.7	5411063.2	46133.89844	302.69	0	48.852521	-86.939070	56391.12	56233.5	16.45	56407.57	56400.25781	56443.92187	56460.23047	504469.7	5411063.2
L4470.0	504469.8	5411061.3	46134.00000	304.99	0	48.852503	-86.939069	56390.25	56233.6	16.45	56406.70	56399.58594	56428.35253	56444.95703	504469.8	5411061.3
L4470.0	504469.8	5411061.3	46134.10156	307.04	0	48.852503	-86.939069	56390.18	56233.6	16.45	56406.63	56399.71484	56436.34871	56453.24609	504469.8	5411061.3
L4470.0	504469.8	5411058.8	46134.19922	309.50	0	48.852481	-86.939069	56389.46	56233.6	16.45	56405.91	56399.19922	56426.52735	56443.71875	504469.8	5411058.8
L4470.0	504469.8	5411058.8	46134.30078	308.45	0	48.852481	-86.939069	56389.38	56233.6	16.45	56405.83	56399.32422	56436.49716	56453.98047	504469.8	5411058.8
L4470.0	504469.8	5411057.0	46134.39844	308.93	0	48.852465	-86.939069	56388.49	56233.6	16.45	56404.94	56398.64063	56423.28843	56441.06250	504469.8	5411057.0
L4470.0	504469.8	5411057.0	46134.50000	307.89	0	48.852465	-86.939069	56388.41	56233.6	16.45	56404.86	56398.77344	56435.68472	56453.75000	504469.8	5411057.0
L4470.0	504469.8	5411055.6	46134.60156	307.92	0	48.852452	-86.939068	56387.75	56233.6	16.45	56404.20	56398.32422	56433.66135	56452.01563	504469.8	5411055.6
L4470.0	504469.8	5411054.3	46134.69922	310.14	0	48.852440	-86.939068	56387.06	56233.6	16.45	56403.51	56397.85156	56431.54683	56450.18750	504469.8	5411054.3
L4470.0	504469.9	5411052.9	46134.80078	311.58	0	48.852428	-86.939068	56386.38	56233.6	16.45	56402.82	56397.37891	56429.75038	56448.67578	504469.9	5411052.9
L4470.0	504469.9	5411052.9	46134.89844	312.04	0	48.852428	-86.939068	56385.50	56233.6	16.45	56401.95	56396.73047	56425.74672	56444.95703	504469.9	5411052.9
L4470.0	504469.9	5411051.0	46135.00000	312.84	0	48.852411	-86.939067	56385.36	56233.6	16.45	56401.81	56396.81250	56432.32990	56451.82422	504469.9	5411051.0
L4470.0	504469.9	5411049.7	46135.10156	312.41	0	48.852399	-86.939067	56384.31	56233.6	16.45	56400.75	56395.97656	56426.29287	56446.07031	504469.9	5411049.7
L4470.0	504469.9	5411049.7	46135.19922	311.38	0	48.852399	-86.939067	56384.02	56233.6	16.44	56400.46	56395.91016	56431.40445	56451.46094	504469.9	5411049.7
L4470.0	504470.0	5411048.4	46135.30078	308.94	0	48.852388	-86.939067	56382.80	56233.6	16.44	56399.24	56394.91797	56423.74429	56444.07813	504470.0	5411048.4
L4470.0	504470.0	5411046.5	46135.39844	305.79	0	48.852370	-86.939066	56382.26	56233.6	16.43	56398.70	56394.60938	56425.91938	56446.52734	504470.0	5411046.5
L4470.0	504470.1	5411044.8	46135.50000	305.02	0	48.852355	-86.939065	56381.30	56233.6	16.43	56397.73	56393.86719	56422.37326	56443.25781	504470.1	5411044.8
L4470.0	504470.1	5411044.8	46135.60156	305.86	0	48.852355	-86.939065	56380.73	56233.6	16.43	56397.16	56393.53125	56424.63774	56445.79297	504470.1	5411044.8
L4470.0	504470.1	5411043.3	46135.69922	305.02	0	48.852341	-86.939065	56379.46	56233.6	16.42	56395.88	56392.48438	56417.40742	56438.83203	504470.1	5411043.3
L4470.0	504470.1	5411043.3	46135.80078	306.40	0	48.852341	-86.939065	56378.71	56233.6	16.42	56395.13	56391.96875	56417.69947	56439.38672	504470.1	5411043.3
L4470.0	504470.1	5411042.1	46135.89844	307.71	0	48.852331	-86.939065	56377.82	56233.6	16.41	56394.24	56391.31641	56416.40824	56438.35938	504470.1	5411042.1
L4470.0	504470.2	5411040.4	46136.00000	310.76	0	48.852316	-86.939064	56376.52	56233.6	16.41	56392.93	56390.24219	56404.34582	56426.56250	504470.2	5411040.4
L4470.0	504470.2	5411038.7	46136.10156	310.91	0	48.852300	-86.939064	56375.70	56233.6	16.41	56392.11	56389.66016	56407.49878	56429.97266	504470.2	5411038.7
L4470.0	504470.2	5411037.3	46136.19922	308.32	0	48.852287	-86.939063	56374.61	56233.6	16.41	56391.02	56388.80859	56403.15058	56425.87891	504470.2	5411037.3
L4470.0	504470.2	5411037.3	46136.30078	305.45	0	48.852287	-86.939063	56373.87	56233.6	16.41	56390.28	56388.30859	56409.32112	56432.30078	504470.2	5411037.3
L4470.0	504470.3	5411035.9	46136.39844	304.30	0	48.852275	-86.939063	56372.48	56233.6	16.41	56388.89	56387.16016	56397.13306	56420.36328	504470.3	5411035.9
L4470.0	504470.3	5411033.8	46136.50000	304.99	0	48.852256	-86.939063	56371.93	56233.6	16.41	56388.34	56386.85156	56409.03454	56432.51563	504470.3	5411033.8
L4470.0	504470.3	5411033.8	46136.60156	306.18	0	48.852256	-86.939063	56370.75	56233.6	16.41	56387.16	56385.91016	56403.26011	56426.98438	504470.3	5411033.8
L4470.0	504470.3	5411032.2	46136.69922	305.60	0	48.852241	-86.939062	56369.96	56233.6	16.41	56386.37	56385.36328	56408.41953	56432.38281	504470.3	5411032.2
L4470.0	504470.3	5411030.8	46136.80078	306.78	0	48.852229	-86.939062	56368.79	56233.6	16.41	56385.20	56384.43359	56403.08278	56427.28125	504470.3	5411030.8
L4470.0	504470.3	5411030.8	46136.89844	308.24	0	48.852229	-86.939062	56367.46	56233.6	16.41	56383.87	56383.34375	56393.42031	56417.85156	504470.3	5411030.8
L4470.0	504470.3	5411029.1	46137.00000	307.23	0	48.852214	-86.939062	56366.14	56233.6	16.41	56382.55	56382.26563	56384.06533	56408.72656	504470.3	5411029.1
L4470.0	504470.3	5411029.1	46137.10156	306.97	0	48.852214	-86.939062	56364.91	56233.6	16.41	56381.31	56381.26563	56376.86755	56401.75781	504470.3	5411029.1
L4470.0	504470.3	5411027.2	46137.19922	307.86	0	48.852197	-86.939062	56364.43	56233.6	16.40	56380.83	56381.02734	56390.05230	56415.16406	504470.3	5411027.2
L4470.0	504470.3	5411026.1	46137.30078	307.36	0	48.852186	-86.939062	56363.28	56233.6	16.40	56379.68	56380.11719	56385.13107	56410.46094	504470.3	5411026.1
L4470.0	504470.3	5411026.1	46137.39844	304.38	0	48.852186	-86.939062	56362.84	56233.6	16.40	56379.24	56379.91797	56399.16365	56424.70703	504470.3	5411026.1
L4470.0	504470.3	5411024.5	46137.50000	303.31	0	48.852172	-86.939062	56361.74	56233.6	16.40	56378.14	56379.05859	56395.52960	56421.28125	504470.3	5411024.5
L4470.0	504470.3	5411022.9	46137.60156	303.53	0	48.852158	-86.939063	56360.88	56233.6	16.39	56377.27	56378.42578	56398.06960	56424.03125	504470.3	5411022.9
L4470.0	504470.3	5411021.6	46137.69922	305.20	0	48.852147	-86.939063	56359.24	56233.6	16.39	56375.63	56377.02344	56380.06432	56406.22656	504470.3	5411021.6
L4470.0	504470.3	5411021.6	46137.80078	307.13	0	48.852147	-86.939063	56358.17	56233.6	16.39	56374.56	56376.18750	56377.32234	56403.67969	504470.3	5411021.6
L4470.0	504470.3	5411019.6	46137.89844	308.36	0	48.852128	-86.939063	56357.52	56233.6	16.38	56373.90	56375.76563	56385.66581	56412.21875	504470.3	5411019.6
L4470.0	504470.3	5411018.0	46138.00000	308.33	0	48.852114	-86.939063	56356.41	56233.6	16.38	56372.79	56374.89063	56381.93723	56408.67969	504470.3	5411018.0
L4470.0	504470.3	5411018.0	46138.10156	306.49	0	48.852114	-86.939063	56355.63	56233.6	16.38	56372.00	56374.33203	56386.92266	56413.84766	504470.3	5411018.0
L4470.0	504470.3	5411016.3	46138.19922	303.34	0	48.852098	-86.939063	56354.19	56233.6	16.37	56370.56	56373.12500	56374.03513	56401.14063	504470.3	5411016.3
L4470.0	504470.3	5411014.6	46138.30078	303.38	0	48.852084	-86.939063	56353.52	56233.6	16.37	56369.89	56372.68359	56382.26456	56409.54297	504470.3	5411014.6
L4470.0	504470.3	5411014.6	46138.39844	304.10	0	48.852084	-86.939063	56352.18	56233.6	16.37	56368.54	56371.56250	56371.31591	56398.76563	504470.3	5411014.6
L4470.0	504470.3	5411012.8	46138.50000	304.98	0	48.852067	-86.939062	56351.26	56233.6	16.36	56367.62	56370.86719	56372.12935	56399.74609	504470.3	5411012.8
L4470.0	504470.3	5411012.8	46138.60156	304.31	0	48.852067	-86.939062	56350.06	56233.6	16.36	56366.42	56369.89453	56364.47086	56392.24609	504470.3	5411012.8
L4470.0	504470.3	5411011.2	46138.69922	304.52	0	48.852053	-86.939062	56349.52	56233.6	16.36	56365.88	56369.57813	56375.64497	56403.57813	504470.3	5411011.2
L4470.0	504470.3	5411009.6	46138.80078	306.96	0	48.852039	-86.939062	56348.73	56233.6	16.36	56365.09	56369.00781	56379.16378	56407.24609	504470.3	5411009.6
L4470.0	504470.3	5411009.6	46138.89844	310.12	0	48.852039	-86.939062	56347.51	56233.6	16.35	56363.86	56367.99609	56366.70634	56394.93359	504470.3	5411009.6
L4470.0	504470.4	5411007.8	46139.00000	307.06	0	48.852023	-86.939062	56346.71	56233.7	16.35	56363.06	56367.41406	56366.81125	56395.17969	504470.4	5411007.8
L4470.0	504470.4	5411007.8	46139.10156	308.40	0	48.852023	-86.939062	56345.31	56233.7	16.35	56361.66	56366.22656	56358.29750	56386.80078	504470.4	5411007.8
L4470.0	504470.4	5411006.0	46139.19922	309.70	0	48.852006	-86.939062	56344.85	56233.7	16.35	56361.20	56365.98047	56362.81830	56391.45313	504470.4	5411006.0
L4470.0	504470.4	5411004.7	46139.30078	309.42	0	48.851994	-86.939062	56343.98	56233.7	16.35	56360.33	56365.32031	56361.33383	56390.08984	504470.4	5411004.7

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4470.0	504470.4	5411003.1	46139.39844	307.36	0	48.851980	-86.939062	56343.78	56233.7	16.35	56360.13	56365.32813	56369.58236	56398.46094	504470.4	5411003.1
L4470.0	504470.4	5411001.6	46139.50000	307.62	0	48.851966	-86.939061	56342.66	56233.7	16.35	56359.01	56364.41016	56363.99922	56392.98828	504470.4	5411001.6
L4470.0	504470.4	5411001.6	46139.60156	308.73	0	48.851966	-86.939061	56341.66	56233.7	16.35	56358.01	56363.61328	56359.87727	56388.97656	504470.4	5411001.6
L4470.0	504470.4	5411001.6	46139.69922	310.02	0	48.851966	-86.939061	56340.77	56233.7	16.35	56357.12	56362.92188	56357.13788	56386.33984	504470.4	5411001.6
L4470.0	504470.4	5410999.7	46139.80078	312.19	0	48.851950	-86.939061	56339.98	56233.7	16.35	56356.33	56362.32813	56355.68655	56384.98438	504470.4	5410999.7
L4470.0	504470.4	5410998.0	46139.89844	311.35	0	48.851934	-86.939061	56339.57	56233.7	16.35	56355.92	56362.11328	56360.02032	56389.41016	504470.4	5410998.0
L4470.0	504470.4	5410996.2	46140.00000	312.22	0	48.851918	-86.939061	56338.90	56233.7	16.35	56355.25	56361.63281	56360.03066	56389.50391	504470.4	5410996.2
L4470.0	504470.4	5410996.2	46140.10156	311.93	0	48.851918	-86.939061	56338.70	56233.7	16.35	56355.05	56361.62109	56367.37569	56396.92969	504470.4	5410996.2
L4470.0	504470.4	5410994.6	46140.19922	311.04	0	48.851904	-86.939061	56337.63	56233.7	16.34	56353.97	56360.72266	56360.27395	56389.90234	504470.4	5410994.6
L4470.0	504470.4	5410994.6	46140.30078	309.27	0	48.851904	-86.939061	56337.02	56233.7	16.34	56353.36	56360.29297	56360.49572	56390.19141	504470.4	5410994.6
L4470.0	504470.4	5410992.6	46140.39844	309.69	0	48.851886	-86.939061	56335.94	56233.7	16.34	56352.28	56359.39063	56352.81447	56382.57422	504470.4	5410992.6
L4470.0	504470.4	5410991.4	46140.50000	310.41	0	48.851875	-86.939061	56335.36	56233.7	16.33	56351.69	56358.97656	56352.83544	56382.65234	504470.4	5410991.4
L4470.0	504470.4	5410991.4	46140.60156	310.34	0	48.851875	-86.939061	56334.67	56233.7	16.33	56351.00	56358.45703	56350.97819	56380.84375	504470.4	5410991.4
L4470.0	504470.4	5410989.4	46140.69922	309.87	0	48.851856	-86.939061	56334.28	56233.7	16.33	56350.61	56358.23047	56353.71313	56383.62500	504470.4	5410989.4
L4470.0	504470.4	5410989.4	46140.80078	311.55	0	48.851856	-86.939061	56333.80	56233.7	16.33	56350.12	56357.90625	56354.55662	56384.50391	504470.4	5410989.4
L4470.0	504470.4	5410987.8	46140.89844	311.06	0	48.851843	-86.939061	56333.12	56233.7	16.32	56349.44	56357.38672	56352.09541	56382.07813	504470.4	5410987.8
L4470.0	504470.4	5410986.5	46141.00000	309.68	0	48.851830	-86.939061	56332.83	56233.7	16.32	56349.15	56357.25000	56355.59012	56385.59766	504470.4	5410986.5
L4470.0	504470.4	5410986.5	46141.10156	308.73	0	48.851830	-86.939061	56331.56	56233.7	16.32	56347.87	56356.12500	56343.17756	56373.20703	504470.4	5410986.5
L4470.0	504470.5	5410984.6	46141.19922	306.81	0	48.851814	-86.939061	56331.12	56233.7	16.31	56347.43	56355.83203	56343.82490	56373.86719	504470.5	5410984.6
L4470.0	504470.5	5410982.9	46141.30078	304.86	0	48.851798	-86.939061	56330.71	56233.7	16.31	56347.03	56355.57813	56344.83296	56374.88281	504470.5	5410982.9
L4470.0	504470.5	5410981.4	46141.39844	304.93	0	48.851785	-86.939061	56330.69	56233.7	16.31	56347.00	56355.68750	56351.29500	56381.34766	504470.5	5410981.4
L4470.0	504470.5	5410981.4	46141.50000	306.31	0	48.851785	-86.939061	56329.92	56233.7	16.31	56346.22	56355.04688	56345.91165	56375.96094	504470.5	5410981.4
L4470.0	504470.5	5410979.8	46141.60156	306.82	0	48.851770	-86.939061	56329.69	56233.7	16.30	56345.99	56354.94922	56348.74792	56378.78906	504470.5	5410979.8
L4470.0	504470.4	5410978.3	46141.69922	307.08	0	48.851757	-86.939061	56329.34	56233.7	16.30	56345.64	56354.72656	56349.49263	56379.51953	504470.4	5410978.3
L4470.0	504470.5	5410976.8	46141.80078	309.88	0	48.851744	-86.939061	56328.44	56233.7	16.30	56344.73	56353.94141	56341.51738	56371.51953	504470.5	5410976.8
L4470.0	504470.5	5410976.8	46141.89844	310.64	0	48.851744	-86.939061	56328.00	56233.7	16.29	56344.30	56353.63281	56340.60946	56370.58594	504470.5	5410976.8
L4470.0	504470.4	5410975.5	46142.00000	309.96	0	48.851731	-86.939061	56327.55	56233.7	16.29	56343.84	56353.28906	56339.02288	56368.96484	504470.4	5410975.5
L4470.0	504470.4	5410975.5	46142.10156	308.78	0	48.851731	-86.939061	56327.75	56233.7	16.29	56344.04	56353.60547	56347.13855	56377.04297	504470.4	5410975.5
L4470.0	504470.4	5410974.0	46142.19922	307.99	0	48.851718	-86.939061	56327.54	56233.7	16.29	56343.83	56353.50391	56348.85679	56378.71484	504470.4	5410974.0
L4470.0	504470.4	5410972.5	46142.30078	306.15	0	48.851705	-86.939061	56327.63	56233.7	16.29	56343.92	56353.69922	56354.86507	56384.67188	504470.4	5410972.5
L4470.0	504470.4	5410970.6	46142.39844	306.32	0	48.851687	-86.939061	56326.63	56233.7	16.29	56342.92	56352.79688	56344.29385	56374.04297	504470.4	5410970.6
L4470.0	504470.4	5410970.6	46142.50000	308.34	0	48.851687	-86.939061	56326.27	56233.7	16.29	56342.56	56352.53516	56343.12788	56372.81641	504470.4	5410970.6
L4470.0	504470.4	5410969.4	46142.60156	308.50	0	48.851677	-86.939062	56325.61	56233.7	16.29	56341.90	56351.96484	56337.25440	56366.87109	504470.4	5410969.4
L4470.0	504470.4	5410968.1	46142.69922	310.07	0	48.851665	-86.939062	56325.43	56233.7	16.29	56341.72	56351.87500	56338.39370	56367.93750	504470.4	5410968.1
L4470.0	504470.4	5410968.1	46142.80078	310.88	0	48.851665	-86.939062	56325.48	56233.7	16.29	56341.77	56352.00781	56342.79332	56372.25781	504470.4	5410968.1
L4470.0	504470.4	5410966.5	46142.89844	310.93	0	48.851651	-86.939062	56325.13	56233.7	16.29	56341.42	56351.73828	56341.00357	56370.38281	504470.4	5410966.5
L4470.0	504470.4	5410964.4	46143.00000	309.73	0	48.851632	-86.939062	56325.12	56233.7	16.29	56341.41	56351.80469	56344.12708	56373.41406	504470.4	5410964.4
L4470.0	504470.4	5410963.3	46143.10156	308.32	0	48.851622	-86.939062	56324.79	56233.7	16.29	56341.08	56351.54297	56342.28555	56371.47656	504470.4	5410963.3
L4470.0	504470.4	5410963.3	46143.19922	308.66	0	48.851622	-86.939062	56325.02	56233.7	16.29	56341.32	56351.85156	56348.76663	56377.85547	504470.4	5410963.3
L4470.0	504470.4	5410961.6	46143.30078	306.29	0	48.851607	-86.939062	56324.43	56233.7	16.30	56340.73	56351.32422	56342.73552	56371.71484	504470.4	5410961.6
L4470.0	504470.4	5410960.1	46143.39844	307.47	0	48.851594	-86.939062	56324.11	56233.7	16.30	56340.41	56351.06250	56340.58559	56369.45313	504470.4	5410960.1
L4470.0	504470.4	5410960.1	46143.50000	308.02	0	48.851594	-86.939062	56323.82	56233.7	16.30	56340.12	56350.82813	56338.75483	56367.50391	504470.4	5410960.1
L4470.0	504470.4	5410958.7	46143.60156	309.47	0	48.851581	-86.939062	56323.64	56233.7	16.30	56339.94	56350.69922	56338.41043	56367.03516	504470.4	5410958.7
L4470.0	504470.4	5410957.6	46143.69922	310.38	0	48.851570	-86.939062	56323.79	56233.7	16.30	56340.10	56350.90625	56342.83245	56371.32813	504470.4	5410957.6
L4470.0	504470.4	5410956.1	46143.80078	309.99	0	48.851557	-86.939062	56323.68	56233.7	16.31	56339.98	56350.82813	56343.05624	56371.41797	504470.4	5410956.1
L4470.0	504470.4	5410956.1	46143.89844	308.35	0	48.851557	-86.939062	56323.72	56233.7	16.31	56340.03	56350.91406	56345.54856	56373.77344	504470.4	5410956.1
L4470.0	504470.4	5410954.4	46144.00000	307.53	0	48.851542	-86.939062	56323.31	56233.7	16.31	56339.62	56350.53906	56341.46823	56369.55078	504470.4	5410954.4
L4470.0	504470.4	5410952.8	46144.10156	307.31	0	48.851528	-86.939062	56323.26	56233.7	16.31	56339.57	56350.51953	56342.32815	56370.26172	504470.4	5410952.8
L4470.0	504470.4	5410951.5	46144.19922	308.05	0	48.851516	-86.939062	56322.93	56233.7	16.31	56339.23	56350.20313	56339.13462	56366.91406	504470.4	5410951.5
L4470.0	504470.4	5410951.5	46144.30078	308.28	0	48.851516	-86.939062	56322.95	56233.7	16.30	56339.26	56350.25781	56338.05873	56365.67969	504470.4	5410951.5
L4470.0	504470.4	5410950.1	46144.39844	305.47	0	48.851503	-86.939062	56322.88	56233.7	16.30	56339.18	56350.19531	56338.13786	56365.59766	504470.4	5410950.1
L4470.0	504470.4	5410948.3	46144.50000	306.11	0	48.851487	-86.939062	56323.23	56233.7	16.30	56339.53	56350.55859	56350.70503	56378.00000	504470.4	5410948.3
L4470.0	504470.4	5410946.7	46144.60156	305.88	0	48.851473	-86.939062	56323.34	56233.7	16.30	56339.64	56350.67969	56355.89598	56383.01563	504470.4	5410946.7
L4470.0	504470.4	5410946.7	46144.69922	306.48	0	48.851473	-86.939062	56322.80	56233.7	16.30	56339.10	56350.14453	56342.30087	56369.24609	504470.4	5410946.7
L4470.0	504470.4	5410945.5	46144.80078	309.05	0	48.851462	-86.939062	56322.72	56233.7	16.29	56339.02	56350.06641	56341.95641	56368.72266	504470.4	5410945.5
L4470.0	504470.4	5410943.9	46144.89844	309.09	0	48.851448	-86.939062	56322.49	56233.7	16.29	56338.78	56349.82813	56337.09057	56363.67188	504470.4	5410943.9
L4470.0	504470.4	5410942.3	46145.00000	306.93	0	48.851433	-86.939062	56322.98	56233.7	16.29	56339.27	56350.31250	56352.46545	56378.85938	504470.4	5410942.3
L4470.0	504470.4	5410942.3	46145.10156	305.80	0	48.851433	-86.939062	56322.63	56233.7	16.29	56338.92	56349.95313	56344.48650	56370.68750	504470.4	5410942.3
L4470.0	504470.4	5410942.3	46145.19922	304.39	0	48.851433	-86.939062	56322.32	56233.7	16.29	56338.61	56349.62891	56337.68871	56363.69531	504470.4	5410942.3
L4470.0	504470.5	5410940.7	46145.30078	302.54	0	48.851418	-86.939061	56322.16	56233.7	16.29	56338.45	56349.45313	56334.99751	56360.80469	504470.5	5410940.7
L4470.0	504470.5	5410938.9	46145.39844	302.95	0	48.851402	-86.939061	56322.02	56233.7	16.29	56338.31	56349.29688	56332.82609	56358.43359	504470.5	5410938.9
L4470.0	504470.5	5410937.1	46145.50000	305.21	0	48.851386	-86.939061	56322.29	56233.7	16.29	56338.58	56349.54297	56341.58497	56366.98438	504470.5	5410937.1
L4470.0	504470.5	5410937.1	46145.60156	306.72	0	48.851386	-86.939061	56322.36	56233.7	16.29	56338.65	56349.58594	56344.88168	56370.07031	504470.5	5410937.1
L4470.0	504470.5	5410935.7	46145.69922	307.94	0	48.851374	-86.939061	56322.47	56233.7	16.29	56338.76	56349.66797	56349.15102	56374.12891	504470.5	5410935.7
L4470.0	504470.5	5410934.5	46145.80078	307.39	0	48.851363	-86.939061	56322.21	56233.7	16.29	56338.50	56349.37500	56343.49970	56368.26172	504470.5	5410934.5
L4470.0	504470.5	5410934.5	46145.89844	307.99	0	48.851363	-86.939061	56322.24	56233.7	16.29	56338.53	56349.36719	56345.44700	56369.98828	504470.5	5410934.5
L4470.0	504470.5	5410932.9	46146.00000	307.42	0	48.851349	-86.939061	56322.16	56233.7	16.29	56338.45	56349.24609	56344.35581	56368.67578	504470.5	5410932.9
L4470.0	504470.5	5410931.1	46146.10156	306.08	0	48.851332	-86.939061	56322.08	56233.7	16.29	56338.37	56349.12500	56343.12609	56367.22266	504470.5	5410931.1
L4470.0	504470.5	5410931.1	46146.19922	306.34	0	48.851332	-86.939061	56321.96	56233.7	16.29	56338.25	56348.96094	56340.67919	56364.54688	504470.5	5410931.1
L4470.0	504470.5	5410929.5	46146.30078	304.28	0	48.851318	-86.939061	56321.78	56233.7	16.29	56338.07	56348.73047	56336.46320	56360.10156	504470.5	5410929.5
L4470.0	504470.5	5410928.3	46146.39844	303.36	0	48.851307	-86.939061	56322.06	56233.7	16.29	56338.35	56348.96094	56344.33318	56367.73828	504470.5	5410928.3
L4470.0	504470.5	5410928.3	46146.50000	304.61	0	48.851307	-86.939061	56321.81	56233.7	16.29	56338.10	56348.65625	56337.89971	56361.07031	504470.5	5410928.3
L4470.0	504470.5	5410926.6	46146.60156	304.73	0	48.851292	-86.939061	56321.90	56233.7	16.29	56338.19	56348.68750	56340.40550	56363.33984	504470.5	5410926.6
L4470.0	504470.5	5410925.2	46146.69922	305.48	0	48.851279	-86.939060	56321.93	56233.7	16.29	56338.22	56348.65625	56341.17806	56363.87109	504470.5	5410925.2
L4470.0	504470.5	5410923.3	46146.80078	309.82	0	48.851262	-86.939060	56321.96	56233.7	16.29	56338.25	56348.62500	56341.84686	56364.30078	504470.5	5410923.3
L4470.0	504470.5	5410923.3	46146.89844	310.05	0	48.851262	-86.939060	56321.88	56233.7	16.29	56338.17	56348.48047	56339.44306	56361.65234	504470.5	5410923.3
L4470.0	504470.5	5410921.5	46147.00000	307.90	0	48.851246	-86.939060	56321.96	56233.7	16.29	56338.25	56348.49219	56341.33893	56363.30469	504470.5	5410921.5
L4470.0	504470.5	5410921.5	46147.10156	306.97	0	48.851246	-86.939060	56322.29	56233.7	16.29	56338.59	56348.76172	56350.37072	56372.08984	504470.5	5410921.5
L4470.0	504470.6	5410920.0	46147.19922	307.02	0	48.851232	-86.939060	56322.16	56233.7	16.30	56338.46	56348.55859	56346.50410	56367.97656	504470.6	5410920.0
L4470.0	504470.6	5410918.2	46147.30078	306.40	0	48.851216	-86.939060	56322.27	56233.7	16.30	56338.57	56348.59375	56349.27194	56370.49609	504470.6	5410918.2
L4470.0	504470.6	5410918.2	46147.39844	304.21	0	48.851216	-86.939060	56321.88	56233.7	16.30	56338.19	56348.13672	56338.43585	56359.41016	504470.6	5410918.2
L4470.0	504470.6	5410916.5	46147.50000	304.04	0	48.851201	-86.939060	56322.11	56233.7	16.31	56338.41	56348.27734	56344.31966	56365.04297	504470.6	5410916.5
L4470.0	504470.6	5410915.2	46147.60156	305.96	0	48.851189	-86.939059	56321.84	56233.7	16.31	56338.14	56347.92578	56336.50766	56356.97656	504470.6	5410915.2
L4470.0	504470.6	5410915.2	46147.69922	308.99	0	48.851189	-86.939059	56321.96	56233.7	16.31	56338.27	56347.97266	56339.92465	56360.14063	504470.6	5410915.2
L4470.0	504470.6	5410913.7	46147.80078	309.42	0	48.851176	-86.939059	56321.95	56233.7	16.31	56338.27	56347.88672	56339.68173	56359.64453	504470.6	5410913.7
L4470.0	504470.6	5410911.9	46147.89844	310.44	0	48.851160	-86.939059	56322.14	56233.7	16.32	56338.46	56347.98828	56344.80804	56364.51563	504470.6	5410911.9
L4470.0	504470.7	5410910.1	46148.00000	308.90	0	48.851143	-86.939059	56322.27	56233.7	16.32	56338.59	56348.02734	56348.21490	56367.66797	504470.7	5410910.1
L4470.0	504470.7	5410910.1	46148.10156	306.93	0	48.851143	-86.939059	56322.44	56233.7	16.32	56338.76	56348.10938	56352.72515	56371.92188	504470.7	5410910.1
L4470.0	504470.7	5410910.1	46148.19922	307.13	0	48.851143	-86.939059	56322.44	56233.7	16.32	56338.76	56348.01563	56352.33703	56371.27734	504470.7	5410910.1
L4470.0	504470.7	5410908.8	46148.30078	306.21	0	48.851131	-86.939059	56322.06	56233.7	16.32	56338.38	56347.54297	56341.03085	56359.71484	504470.7	5410908.8
L4470.0	504470.7	5410906.9	46148.39844	305.82	0	48.851115	-86.939058	56322.04	56233.7	16.32	56338.35	56347.41406	56339.68888	56358.12109	504470.7	5410906.9
L4470.0	504470.7	5410906.9	46148.50000	306.76	0	48.851115	-86.939058	56321.75	56233.7	16.31	56338.06	56347.02734	56330.90417	56349.07813	504470.7	5410906.9
L4470.0	504470.7	5410905.1	46148.60156	306.78	0	48.851098	-86.939058	56322.02	56233.7	16.31	56338.33	56347.19922	56338.16145	56356.08203	504470.7	5410905.1

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4470.0	504470.7	5410903.6	46148.69922	307.33	0	48.851085	-86.939058	56322.24	56233.7	16.31	56338.55	56347.32031	56344.03674	56361.69922	504470.7	5410903.6
L4470.0	504470.7	5410903.6	46148.80078	309.63	0	48.851085	-86.939058	56322.42	56233.7	16.31	56338.73	56347.39844	56348.84397	56366.25391	504470.7	5410903.6
L4470.0	504470.7	5410901.9	46148.89844	309.73	0	48.851069	-86.939058	56322.26	56233.7	16.31	56338.57	56347.13672	56344.09174	56361.24609	504470.7	5410901.9
L4470.0	504470.8	5410900.5	46149.00000	308.51	0	48.851057	-86.939058	56322.19	56233.7	16.31	56338.50	56346.96484	56342.06455	56358.96875	504470.8	5410900.5
L4470.0	504470.8	5410899.1	46149.10156	306.74	0	48.851045	-86.939057	56322.19	56233.7	16.31	56338.50	56346.85938	56342.18939	56358.83984	504470.8	5410899.1
L4470.0	504470.8	5410899.1	46149.19922	304.98	0	48.851045	-86.939057	56322.44	56233.7	16.31	56338.75	56347.00391	56349.48903	56365.88672	504470.8	5410899.1
L4470.0	504470.8	5410897.7	46149.30078	303.65	0	48.851032	-86.939057	56322.64	56233.7	16.31	56338.95	56347.09766	56355.47086	56371.61719	504470.8	5410897.7
L4470.0	504470.8	5410896.1	46149.39844	303.26	0	48.851018	-86.939057	56322.49	56233.7	16.31	56338.80	56346.83984	56351.80868	56367.70703	504470.8	5410896.1
L4470.0	504470.8	5410895.0	46149.50000	303.32	0	48.851007	-86.939056	56322.29	56233.7	16.31	56338.60	56346.53125	56346.90894	56362.55859	504470.8	5410895.0
L4470.0	504470.9	5410893.6	46149.60156	306.02	0	48.850995	-86.939056	56321.98	56233.7	16.30	56338.29	56346.11328	56339.11200	56354.51563	504470.9	5410893.6
L4470.0	504470.9	5410892.5	46149.69922	309.67	0	48.850985	-86.939056	56322.06	56233.7	16.30	56338.36	56346.07422	56341.77179	56356.92969	504470.9	5410892.5
L4470.0	504470.9	5410892.5	46149.80078	310.87	0	48.850985	-86.939056	56321.98	56233.7	16.30	56338.29	56345.89844	56340.57722	56355.48828	504470.9	5410892.5
L4470.0	504470.9	5410890.6	46149.89844	310.63	0	48.850968	-86.939056	56322.04	56233.7	16.30	56338.34	56345.83594	56342.56207	56357.23438	504470.9	5410890.6
L4470.0	504470.9	5410890.6	46150.00000	310.67	0	48.850968	-86.939056	56321.93	56233.7	16.30	56338.23	56345.61719	56340.12152	56354.55469	504470.9	5410890.6
L4470.0	504470.9	5410889.0	46150.10156	309.81	0	48.850953	-86.939055	56321.63	56233.7	16.30	56337.93	56345.20703	56332.46207	56346.65234	504470.9	5410889.0
L4470.0	504470.9	5410889.0	46150.19922	306.64	0	48.850953	-86.939055	56321.90	56233.7	16.30	56338.20	56345.36719	56339.97061	56353.92578	504470.9	5410889.0
L4470.0	504470.9	5410887.1	46150.30078	305.60	0	48.850937	-86.939055	56322.12	56233.7	16.30	56338.42	56345.47266	56345.99194	56359.71094	504470.9	5410887.1
L4470.0	504470.9	5410885.8	46150.39844	305.88	0	48.850925	-86.939055	56322.16	56233.7	16.30	56338.47	56345.41406	56347.33900	56360.82813	504470.9	5410885.8
L4470.0	504470.9	5410883.8	46150.50000	304.24	0	48.850907	-86.939055	56322.04	56233.7	16.31	56338.34	56345.17188	56343.75053	56357.00781	504470.9	5410883.8
L4470.0	504470.9	5410883.8	46150.60156	303.81	0	48.850907	-86.939055	56322.08	56233.7	16.31	56338.39	56345.11328	56344.95145	56357.98047	504470.9	5410883.8
L4470.0	504471.0	5410882.9	46150.69922	305.04	0	48.850899	-86.939055	56322.16	56233.7	16.31	56338.47	56345.08203	56346.96849	56359.77344	504471.0	5410882.9
L4470.0	504471.0	5410881.4	46150.80078	302.79	0	48.850885	-86.939055	56322.19	56233.7	16.31	56338.50	56345.00000	56347.67125	56360.25000	504471.0	5410881.4
L4470.0	504471.0	5410881.4	46150.89844	307.46	0	48.850885	-86.939055	56322.08	56233.7	16.31	56338.39	56344.77734	56344.57726	56356.93750	504471.0	5410881.4
L4470.0	504471.0	5410880.1	46151.00000	308.27	0	48.850873	-86.939055	56321.93	56233.7	16.31	56338.24	56344.51953	56340.41084	56352.55469	504471.0	5410880.1
L4470.0	504471.0	5410878.0	46151.10156	307.63	0	48.850855	-86.939055	56322.24	56233.7	16.31	56338.55	56344.71875	56349.34237	56361.26953	504471.0	5410878.0
L4470.0	504471.0	5410878.0	46151.19922	308.42	0	48.850855	-86.939055	56322.18	56233.7	16.31	56338.50	56344.55859	56348.32855	56360.04297	504471.0	5410878.0
L4470.0	504470.9	5410876.3	46151.30078	307.89	0	48.850839	-86.939055	56322.16	56233.7	16.32	56338.48	56344.42969	56348.35458	56359.85938	504470.9	5410876.3
L4470.0	504471.0	5410874.6	46151.39844	305.96	0	48.850824	-86.939055	56321.81	56233.7	16.32	56338.13	56343.96875	56338.84000	56350.13672	504471.0	5410874.6
L4470.0	504471.0	5410873.0	46151.50000	305.76	0	48.850809	-86.939055	56321.90	56233.7	16.32	56338.22	56343.95313	56342.42225	56353.51563	504471.0	5410873.0
L4470.0	504471.0	5410873.0	46151.60156	306.06	0	48.850809	-86.939055	56321.88	56233.7	16.32	56338.21	56343.83203	56343.25242	56354.14453	504471.0	5410873.0
L4470.0	504471.0	5410873.0	46151.69922	306.02	0	48.850809	-86.939055	56321.91	56233.7	16.32	56338.23	56343.74609	56345.94711	56356.64063	504471.0	5410873.0
L4470.0	504471.0	5410871.1	46151.80078	307.15	0	48.850792	-86.939055	56321.83	56233.7	16.33	56338.15	56343.55859	56345.36530	56355.86719	504471.0	5410871.1
L4470.0	504471.0	5410869.7	46151.89844	310.14	0	48.850779	-86.939055	56321.61	56233.7	16.33	56337.93	56343.23438	56342.82213	56353.13281	504471.0	5410869.7
L4470.0	504471.0	5410868.1	46152.00000	310.52	0	48.850765	-86.939055	56321.86	56233.7	16.33	56338.19	56343.38672	56347.02786	56357.15234	504471.0	5410868.1
L4470.0	504471.0	5410868.1	46152.10156	309.43	0	48.850765	-86.939055	56321.61	56233.7	16.33	56337.93	56343.02344	56343.89788	56353.83594	504471.0	5410868.1
L4470.0	504471.0	5410866.2	46152.19922	311.43	0	48.850748	-86.939055	56321.90	56233.7	16.33	56338.23	56343.21875	56348.78483	56358.54297	504471.0	5410866.2
L4470.0	504471.0	5410864.3	46152.30078	309.80	0	48.850731	-86.939055	56321.66	56233.7	16.32	56337.98	56342.86719	56345.77541	56355.35547	504471.0	5410864.3
L4470.0	504471.0	5410864.3	46152.39844	307.63	0	48.850731	-86.939055	56321.76	56233.7	16.32	56338.08	56342.86719	56347.82852	56357.23438	504471.0	5410864.3
L4470.0	504471.0	5410862.6	46152.50000	305.63	0	48.850716	-86.939055	56321.24	56233.7	16.32	56337.56	56342.24609	56340.86536	56350.10156	504471.0	5410862.6
L4470.0	504471.0	5410860.9	46152.60156	306.84	0	48.850701	-86.939055	56321.22	56233.7	16.32	56337.54	56342.12500	56341.18282	56350.25000	504471.0	5410860.9
L4470.0	504471.0	5410860.9	46152.69922	307.66	0	48.850701	-86.939055	56321.66	56233.7	16.32	56337.97	56342.45703	56348.05762	56356.96094	504471.0	5410860.9
L4470.0	504471.0	5410860.9	46152.80078	309.08	0	48.850701	-86.939055	56321.27	56233.7	16.31	56337.58	56341.96875	56343.01070	56351.75781	504471.0	5410860.9
L4470.0	504471.0	5410857.7	46152.89844	311.67	0	48.850672	-86.939055	56321.43	56233.7	16.31	56337.74	56342.03125	56345.94994	56354.53906	504471.0	5410857.7
L4470.0	504471.0	5410857.7	46153.00000	313.23	0	48.850672	-86.939055	56321.09	56233.7	16.31	56337.40	56341.59375	56341.68568	56350.12500	504471.0	5410857.7
L4470.0	504471.0	5410855.5	46153.10156	310.60	0	48.850653	-86.939055	56321.66	56233.7	16.31	56337.97	56342.07031	56350.45335	56358.74609	504471.0	5410855.5
L4470.0	504471.0	5410855.5	46153.19922	305.38	0	48.850653	-86.939055	56321.34	56233.7	16.32	56337.66	56341.66797	56346.64605	56354.79297	504471.0	5410855.5
L4470.0	504471.0	5410854.2	46153.30078	304.58	0	48.850641	-86.939055	56321.12	56233.7	16.32	56337.44	56341.35547	56344.16635	56352.17188	504471.0	5410854.2
L4470.0	504470.9	5410852.4	46153.39844	306.62	0	48.850624	-86.939055	56320.66	56233.7	16.32	56336.99	56340.81641	56338.54571	56346.41797	504470.9	5410852.4
L4470.0	504470.9	5410852.4	46153.50000	304.54	0	48.850624	-86.939055	56320.66	56233.7	16.32	56336.99	56340.72656	56339.22320	56346.96094	504470.9	5410852.4
L4470.0	504470.9	5410852.4	46153.60156	305.85	0	48.850624	-86.939055	56320.96	56233.7	16.33	56337.28	56340.92578	56343.83399	56351.44531	504470.9	5410852.4
L4470.0	504471.0	5410850.7	46153.69922	306.31	0	48.850609	-86.939055	56320.98	56233.7	16.33	56337.31	56340.87109	56344.24569	56351.73047	504471.0	5410850.7
L4470.0	504470.9	5410848.8	46153.80078	307.37	0	48.850592	-86.939056	56321.61	56233.7	16.33	56337.94	56341.41406	56364.97758	56372.34375	504470.9	5410848.8
L4470.0	504470.9	5410848.8	46153.89844	308.79	0	48.850592	-86.939056	56321.34	56233.7	16.34	56337.68	56341.07031	56359.03050	56366.28125	504470.9	5410848.8
L4470.0	504470.9	5410847.2	46154.00000	309.44	0	48.850578	-86.939056	56321.09	56233.7	16.34	56337.43	56340.73828	56353.61724	56360.75781	504470.9	5410847.2
L4470.0	504470.9	5410845.5	46154.10156	309.45	0	48.850562	-86.939056	56320.56	56233.7	16.34	56336.89	56340.11328	56339.96823	56347.00000	504470.9	5410845.5
L4470.0	504470.9	5410845.5	46154.19922	307.27	0	48.850562	-86.939056	56320.48	56233.7	16.34	56336.82	56339.96484	56340.13317	56347.06250	504470.9	5410845.5
L4470.0	504470.9	5410843.9	46154.30078	307.39	0	48.850547	-86.939056	56320.10	56233.7	16.34	56336.44	56339.50781	56331.44126	56338.26953	504470.9	5410843.9
L4470.0	504470.9	5410842.3	46154.39844	306.16	0	48.850533	-86.939056	56320.15	56233.7	16.34	56336.49	56339.48047	56334.98172	56341.71484	504470.9	5410842.3
L4470.0	504470.9	5410842.3	46154.50000	305.60	0	48.850533	-86.939056	56320.48	56233.7	16.34	56336.82	56339.73438	56346.20026	56352.84375	504470.9	5410842.3
L4470.0	504470.9	5410840.7	46154.60156	306.28	0	48.850519	-86.939056	56320.12	56233.7	16.34	56336.46	56339.29688	56337.91951	56344.47656	504470.9	5410840.7
L4470.0	504470.9	5410839.3	46154.69922	303.36	0	48.850507	-86.939056	56320.40	56233.7	16.34	56336.74	56339.50391	56347.28662	56353.76172	504470.9	5410839.3
L4470.0	504470.9	5410837.7	46154.80078	305.30	0	48.850492	-86.939056	56319.84	56233.7	16.34	56336.18	56338.87500	56333.28859	56339.68359	504470.9	5410837.7
L4470.0	504470.9	5410837.7	46154.89844	307.18	0	48.850492	-86.939056	56320.22	56233.7	16.34	56336.56	56339.18359	56345.00479	56351.32813	504470.9	5410837.7
L4470.0	504470.9	5410836.2	46155.00000	309.36	0	48.850478	-86.939056	56319.82	56233.7	16.34	56336.16	56338.71484	56335.22276	56341.47656	504470.9	5410836.2
L4470.0	504470.9	5410834.5	46155.10156	309.70	0	48.850463	-86.939056	56319.96	56233.7	16.34	56336.31	56338.79688	56340.36005	56346.54688	504470.9	5410834.5
L4470.0	504470.9	5410834.5	46155.19922	310.55	0	48.850463	-86.939056	56319.89	56233.7	16.34	56336.24	56338.66406	56339.44703	56345.57422	504470.9	5410834.5
L4470.0	504470.9	5410832.4	46155.30078	308.25	0	48.850444	-86.939057	56320.30	56233.7	16.35	56336.64	56339.00000	56351.23283	56357.30078	504470.9	5410832.4
L4470.0	504470.9	5410831.1	46155.39844	306.97	0	48.850433	-86.939057	56320.35	56233.7	16.35	56336.70	56338.99609	56353.83715	56359.85156	504470.9	5410831.1
L4470.0	504470.9	5410831.1	46155.50000	306.06	0	48.850433	-86.939057	56320.27	56233.7	16.35	56336.62	56338.85547	56352.74942	56358.71875	504470.9	5410831.1
L4470.0	504470.9	5410829.6	46155.60156	305.69	0	48.850419	-86.939057	56320.02	56233.6	16.35	56336.37	56338.54688	56347.21157	56353.13672	504470.9	5410829.6
L4470.0	504470.8	5410828.3	46155.69922	303.62	0	48.850408	-86.939057	56319.36	56233.6	16.35	56335.71	56337.82813	56330.77508	56336.65625	504470.8	5410828.3
L4470.0	504470.8	5410826.7	46155.80078	303.04	0	48.850393	-86.939058	56319.50	56233.6	16.36	56335.86	56337.92188	56336.30194	56342.14844	504470.8	5410826.7
L4470.0	504470.8	5410826.7	46155.89844	302.92	0	48.850393	-86.939058	56319.06	56233.6	16.36	56335.41	56337.41797	56325.75809	56331.57422	504470.8	5410826.7
L4470.0	504470.8	5410824.6	46156.00000	306.01	0	48.850374	-86.939058	56319.76	56233.6	16.36	56336.12	56338.07422	56346.81505	56352.60156	504470.8	5410824.6
L4470.0	504470.8	5410824.6	46156.10156	309.95	0	48.850374	-86.939058	56319.59	56233.6	16.36	56335.95	56337.85156	56344.14645	56349.91016	504470.8	5410824.6
L4470.0	504470.7	5410822.9	46156.19922	311.06	0	48.850359	-86.939059	56319.96	56233.6	16.36	56336.33	56338.17969	56356.74567	56362.48828	504470.7	5410822.9
L4470.0	504470.7	5410821.5	46156.30078	309.73	0	48.850347	-86.939059	56319.31	56233.6	16.36	56335.67	56337.47266	56340.64371	56346.37109	504470.7	5410821.5
L4470.0	504470.7	5410821.5	46156.39844	308.56	0	48.850347	-86.939059	56319.15	56233.6	16.36	56335.51	56337.26563	56338.35536	56344.07031	504470.7	5410821.5
L4470.0	504470.7	5410819.7	46156.50000	305.52	0	48.850330	-86.939059	56319.25	56233.6	16.36	56335.62	56337.32813	56343.77426	56349.48438	504470.7	5410819.7
L4470.0	504470.7	5410818.5	46156.60156	305.35	0	48.850319	-86.939060	56319.02	56233.6	16.37	56335.39	56337.05469	56339.45868	56345.16406	504470.7	5410818.5
L4470.0	504470.7	5410818.5	46156.69922	304.18	0	48.850319	-86.939060	56319.18	56233.6	16.37	56335.55	56337.17188	56346.54431	56352.25000	504470.7	5410818.5
L4470.0	504470.6	5410817.3	46156.80078	304.33	0	48.850309	-86.939060	56318.80	56233.6	16.37	56335.17	56336.75000	56337.63484	56343.34375	504470.6	5410817.3
L4470.0	504470.6	5410814.7	46156.89844	306.18	0	48.850285	-86.939060	56319.32	56233.6	16.37	56335.69	56337.23047	56348.82686	56354.54688	504470.6	5410814.7
L4470.0	504470.6	5410813.6	46157.00000	306.48	0	48.850275	-86.939061	56318.32	56233.6	16.37	56334.69	56336.19141	56336.37753	56342.10938	504470.6	5410813.6
L4470.0	504470.6	5410813.6	46157.10156	308.72	0	48.850275	-86.939061	56318.51	56233.6	16.37	56334.89	56336.35547	56340.27905	56346.02734	504470.6	5410813.6
L4470.0	504470.6	5410812.2	46157.19922	310.13	0	48.850262	-86.939061	56318.08	56233.6	16.38	56334.45	56335.87891	56335.31346	56341.07813	504470.6	5410812.2
L4470.0	504470.6	5410810.8	46157.30078	313.26	0	48.850250	-86.939061	56318.77	56233.6	16.38	56335.15	56336.54688	56346.37432	56352.16406	504470.6	5410810.8
L4470.0	504470.6	5410810.8	46157.39844	312.61	0	48.850250	-86.939061	56318.82	56233.6	16.38	56335.21	56336.57422	56348.48575	56354.30078	504470.6	5410810.8
L4470.0	504470.6	5410809.0	46157.50000	312.28	0	48.850234	-86.939061	56318.71	56233.6	16.39	56335.10	56336.43359	56348.17288	56354.01953	504470.6	5410809.0
L4470.0	504470.6	5410807.6	46157.60156	309.58	0	48.850221	-86.939061	56318.59	56233.6	16.39	56334.97	56336.27344	56347.54752	56353.42969	504470.6	5410807.6
L4470.0	504470.6	5410807.6	46157.69922	306.95	0	48.850221	-86.939061	56317.70	56233.6	16.39	56334.09	56335.36328	56336.30909	56342.22656	504470.6	5410807.6
L4470.0	504470.5	5410806.2	46157.80078	307.49	0	48.850208	-86.939061	56318.20	56233.6	16.39	56334.60	56335.84766	56344.67450	56350.63281	504470.5	5410806.2
L4470.0	504470.5	5410804.8	46157.89844	309.67	0	48.850196	-86.939062	56317.44	56233.6	16.40	56333.84	56335.06250	56335.30882	56341.31250	504470.5	5410804.8

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4470.0	504470.5	5410803.4	46158.00000	309.08	0	48.850183	-86.939062	56317.95	56233.6	16.40	56334.35	56335.54688	56343.47097	56349.52344	504470.5	5410803.4
L4470.0	504470.5	5410801.9	46158.10156	309.06	0	48.850170	-86.939062	56317.46	56233.6	16.40	56333.87	56335.04297	56335.03512	56341.14063	504470.5	5410801.9
L4470.0	504470.5	5410801.9	46158.19922	311.59	0	48.850170	-86.939062	56317.75	56233.6	16.40	56334.15	56335.30078	56346.37306	56352.53125	504470.5	5410801.9
L4470.0	504470.5	5410800.1	46158.30078	311.21	0	48.850154	-86.939062	56317.26	56233.6	16.41	56333.67	56334.80078	56335.28266	56341.50000	504470.5	5410800.1
L4470.0	504470.5	5410798.7	46158.39844	309.64	0	48.850141	-86.939063	56317.26	56233.6	16.41	56333.67	56334.78125	56338.16124	56344.44141	504470.5	5410798.7
L4470.0	504470.5	5410798.7	46158.50000	308.40	0	48.850141	-86.939063	56317.24	56233.6	16.41	56333.65	56334.74219	56340.32450	56346.66797	504470.5	5410798.7
L4470.0	504470.5	5410797.3	46158.60156	307.78	0	48.850128	-86.939063	56317.14	56233.6	16.41	56333.56	56334.63672	56340.47892	56346.89063	504470.5	5410797.3
L4470.0	504470.4	5410795.5	46158.69922	306.18	0	48.850112	-86.939063	56317.13	56233.6	16.41	56333.54	56334.60156	56342.46734	56348.94922	504470.4	5410795.5
L4470.0	504470.4	5410795.5	46158.80078	303.98	0	48.850112	-86.939063	56316.52	56233.6	16.42	56332.94	56333.98828	56329.31271	56335.86719	504470.4	5410795.5
L4470.0	504470.4	5410794.1	46158.89844	303.59	0	48.850100	-86.939064	56316.91	56233.6	16.42	56333.32	56334.35547	56341.67130	56348.30078	504470.4	5410794.1
L4470.0	504470.4	5410792.5	46159.00000	302.89	0	48.850085	-86.939064	56316.68	56233.6	16.42	56333.10	56334.12109	56338.54788	56345.25781	504470.4	5410792.5
L4470.0	504470.4	5410792.5	46159.10156	301.46	0	48.850085	-86.939064	56316.88	56233.6	16.42	56333.30	56334.31250	56346.04429	56352.83594	504470.4	5410792.5
L4470.0	504470.4	5410790.9	46159.19922	301.91	0	48.850071	-86.939064	56316.54	56233.6	16.42	56332.97	56333.97266	56340.27504	56347.15234	504470.4	5410790.9
L4470.0	504470.3	5410789.5	46159.30078	303.38	0	48.850058	-86.939065	56316.47	56233.6	16.43	56332.90	56333.89453	56341.04410	56348.00781	504470.3	5410789.5
L4470.0	504470.3	5410788.0	46159.39844	305.30	0	48.850045	-86.939065	56316.27	56233.6	16.43	56332.70	56333.68750	56338.62019	56345.67578	504470.3	5410788.0
L4470.0	504470.3	5410788.0	46159.50000	307.71	0	48.850045	-86.939065	56316.14	56233.6	16.43	56332.57	56333.55078	56337.94361	56345.08984	504470.3	5410788.0
L4470.0	504470.3	5410786.7	46159.60156	307.83	0	48.850033	-86.939065	56316.08	56233.6	16.43	56332.51	56333.48438	56338.99937	56346.24219	504470.3	5410786.7
L4470.0	504470.3	5410784.9	46159.69922	308.12	0	48.850017	-86.939065	56315.86	56233.6	16.43	56332.29	56333.26172	56336.09127	56343.42969	504470.3	5410784.9
L4470.0	504470.3	5410783.3	46159.80078	307.17	0	48.850002	-86.939066	56315.91	56233.6	16.44	56332.35	56333.32031	56340.10235	56347.53906	504470.3	5410783.3
L4470.0	504470.3	5410783.3	46159.89844	307.08	0	48.850002	-86.939066	56315.35	56233.6	16.44	56331.79	56332.75781	56328.79451	56336.33594	504470.3	5410783.3
L4470.0	504470.3	5410782.1	46160.00000	305.00	0	48.849992	-86.939066	56315.31	56233.6	16.44	56331.75	56332.71484	56330.36926	56338.01172	504470.3	5410782.1
L4470.0	504470.3	5410782.1	46160.00000	305.00	0	48.849992	-86.939066	56315.29	56233.6	16.44	56331.73	56332.69531	56332.47463	56340.22266	504470.3	5410782.1
L4470.0	504470.2	5410780.5	46160.19922	305.37	0	48.849978	-86.939066	56315.45	56233.6	16.45	56331.89	56332.85547	56339.05154	56346.91016	504470.2	5410780.5
L4470.0	504470.2	5410778.8	46160.30078	307.95	0	48.849963	-86.939066	56315.51	56233.5	16.45	56331.96	56332.92969	56343.48984	56351.45703	504470.2	5410778.8
L4470.0	504470.2	5410778.8	46160.39844	311.57	0	48.849963	-86.939066	56315.38	56233.5	16.46	56331.83	56332.80078	56343.14959	56351.22656	504470.2	5410778.8
L4470.0	504470.2	5410777.2	46160.50000	311.95	0	48.849948	-86.939067	56315.32	56233.5	16.46	56331.78	56332.75391	56344.90086	56353.09375	504470.2	5410777.2
L4470.0	504470.2	5410775.5	46160.60156	311.62	0	48.849933	-86.939067	56314.87	56233.5	16.46	56331.33	56332.31250	56337.08368	56345.39063	504470.2	5410775.5
L4470.0	504470.2	5410774.3	46160.69922	308.82	0	48.849921	-86.939067	56314.96	56233.5	16.47	56331.43	56332.41797	56342.77529	56351.19922	504470.2	5410774.3
L4470.0	504470.1	5410772.8	46160.80078	306.16	0	48.849908	-86.939067	56314.38	56233.5	16.47	56330.85	56331.84375	56332.14898	56340.69141	504470.1	5410772.8
L4470.0	504470.1	5410772.8	46160.89844	305.24	0	48.849908	-86.939067	56314.25	56233.5	16.48	56330.73	56331.73047	56332.78860	56341.44922	504470.1	5410772.8
L4470.0	504470.1	5410770.8	46161.00000	303.75	0	48.849891	-86.939068	56314.10	56233.5	16.48	56330.58	56331.58984	56332.80146	56341.58594	504470.1	5410770.8
L4470.0	504470.1	5410770.8	46161.10156	302.43	0	48.849891	-86.939068	56314.20	56233.5	16.48	56330.68	56331.69922	56338.92924	56347.83594	504470.1	5410770.8
L4470.0	504470.1	5410769.2	46161.19922	300.67	0	48.849876	-86.939068	56314.22	56233.5	16.48	56330.70	56331.72656	56343.19633	56352.22656	504470.1	5410769.2
L4470.0	504470.1	5410767.3	46161.30078	301.93	0	48.849859	-86.939068	56313.79	56233.5	16.48	56330.27	56331.30859	56336.50006	56345.65234	504470.1	5410767.3
L4470.0	504470.1	5410766.0	46161.39844	302.82	0	48.849847	-86.939068	56313.41	56233.5	16.48	56329.89	56330.93750	56330.87927	56340.16016	504470.1	5410766.0
L4470.0	504470.1	5410766.0	46161.50000	303.68	0	48.849847	-86.939068	56313.02	56233.5	16.48	56329.50	56330.56250	56324.78364	56334.19141	504470.1	5410766.0
L4470.0	504470.1	5410764.4	46161.60156	308.13	0	48.849832	-86.939068	56313.18	56233.5	16.48	56329.66	56330.73438	56332.42537	56341.96094	504470.1	5410764.4
L4470.0	504470.1	5410764.4	46161.69922	311.55	0	48.849832	-86.939068	56313.08	56233.5	16.48	56329.56	56330.64844	56333.46836	56343.13281	504470.1	5410764.4
L4470.0	504470.1	5410762.8	46161.80078	312.63	0	48.849818	-86.939069	56313.05	56233.5	16.48	56329.53	56330.63281	56336.31586	56346.10938	504470.1	5410762.8
L4470.0	504470.0	5410761.0	46161.89844	310.57	0	48.849802	-86.939069	56313.08	56233.5	16.48	56329.56	56330.67578	56340.84459	56350.76563	504470.0	5410761.0
L4470.0	504470.0	5410761.0	46162.00000	310.15	0	48.849802	-86.939069	56313.15	56233.5	16.48	56329.63	56330.76172	56346.65070	56356.70313	504470.0	5410761.0
L4470.0	504470.0	5410759.6	46162.10156	310.07	0	48.849790	-86.939069	56312.46	56233.5	16.48	56328.94	56330.08984	56331.02130	56341.20703	504470.0	5410759.6
L4470.0	504470.0	5410758.0	46162.19922	309.53	0	48.849775	-86.939069	56312.21	56233.5	16.48	56328.70	56329.86719	56327.82816	56338.14453	504470.0	5410758.0
L4470.0	504470.0	5410758.0	46162.30078	307.95	0	48.849775	-86.939069	56312.34	56233.5	16.49	56328.82	56330.00391	56335.31855	56345.76953	504470.0	5410758.0
L4470.0	504470.0	5410756.4	46162.39844	307.75	0	48.849761	-86.939069	56312.36	56233.5	16.49	56328.85	56330.05078	56340.50545	56351.08984	504470.0	5410756.4
L4470.0	504470.0	5410755.0	46162.50000	310.20	0	48.849748	-86.939069	56312.26	56233.5	16.49	56328.75	56329.96875	56339.60062	56350.31641	504470.0	5410755.0
L4470.0	504470.0	5410755.0	46162.60156	310.72	0	48.849748	-86.939069	56311.86	56233.5	16.49	56328.35	56329.58984	56336.23069	56347.07813	504470.0	5410755.0
L4470.0	504470.0	5410753.5	46162.69922	312.00	0	48.849735	-86.939069	56311.75	56233.5	16.49	56328.24	56329.50000	56336.83130	56347.81250	504470.0	5410753.5
L4470.0	504470.0	5410752.1	46162.80078	310.81	0	48.849722	-86.939069	56311.75	56233.5	16.50	56328.25	56329.52734	56339.10447	56350.22266	504470.0	5410752.1
L4470.0	504470.0	5410750.1	46162.89844	308.89	0	48.849704	-86.939069	56311.55	56233.5	16.50	56328.04	56329.33984	56338.24383	56349.49609	504470.0	5410750.1
L4470.0	504470.0	5410750.1	46163.00000	306.81	0	48.849704	-86.939069	56310.98	56233.5	16.50	56327.48	56328.80078	56332.39077	56343.77344	504470.0	5410750.1
L4470.0	504470.0	5410748.8	46163.10156	308.79	0	48.849692	-86.939069	56310.80	56233.5	16.51	56327.31	56328.65234	56332.04986	56343.56641	504470.0	5410748.8
L4470.0	504470.0	5410747.4	46163.19922	307.49	0	48.849680	-86.939069	56310.78	56233.5	16.51	56327.30	56328.66406	56333.95003	56345.60156	504470.0	5410747.4
L4470.0	504470.0	5410747.4	46163.30078	305.11	0	48.849680	-86.939069	56310.56	56233.5	16.52	56327.08	56328.46875	56332.88013	56344.66797	504470.0	5410747.4
L4470.0	504470.0	5410745.6	46163.39844	304.76	0	48.849664	-86.939069	56310.34	56233.5	16.53	56326.87	56328.28125	56331.95237	56343.87109	504470.0	5410745.6
L4470.0	504470.0	5410744.0	46163.50000	306.09	0	48.849649	-86.939070	56310.43	56233.5	16.54	56326.96	56328.39453	56335.17899	56347.23047	504470.0	5410744.0
L4470.0	504470.0	5410744.0	46163.60156	307.19	0	48.849649	-86.939070	56310.37	56233.5	16.54	56326.91	56328.36719	56336.44334	56348.62891	504470.0	5410744.0
L4470.0	504470.0	5410742.5	46163.69922	307.86	0	48.849635	-86.939070	56309.84	56233.5	16.55	56326.39	56327.87109	56331.25890	56343.57813	504470.0	5410742.5
L4470.0	504470.0	5410740.9	46163.80078	308.67	0	48.849621	-86.939070	56309.63	56233.4	16.56	56326.19	56327.69531	56330.48198	56342.93359	504470.0	5410740.9
L4470.0	504470.0	5410740.9	46163.89844	308.15	0	48.849621	-86.939070	56309.59	56233.4	16.56	56326.15	56327.68359	56331.89233	56344.47266	504470.0	5410740.9
L4470.0	504470.0	5410739.4	46164.00000	307.73	0	48.849608	-86.939070	56309.38	56233.4	16.57	56325.95	56327.50781	56331.12100	56343.83594	504470.0	5410739.4
L4470.0	504470.0	5410737.7	46164.10156	307.65	0	48.849592	-86.939070	56309.43	56233.4	16.57	56326.00	56327.58203	56333.77039	56346.61328	504470.0	5410737.7
L4470.0	504470.0	5410737.7	46164.19922	306.67	0	48.849592	-86.939070	56308.84	56233.4	16.57	56325.41	56327.01953	56327.65826	56340.63281	504470.0	5410737.7
L4470.0	504470.0	5410736.2	46164.30078	305.71	0	48.849579	-86.939070	56308.92	56233.4	16.57	56325.49	56327.12500	56330.73145	56343.83594	504470.0	5410736.2
L4470.0	504470.0	5410734.8	46164.39844	305.29	0	48.849567	-86.939070	56308.66	56233.4	16.57	56325.23	56326.89063	56329.12613	56342.35938	504470.0	5410734.8
L4470.0	504470.0	5410734.8	46164.50000	306.76	0	48.849567	-86.939070	56308.66	56233.4	16.57	56325.23	56326.91797	56331.12521	56344.48438	504470.0	5410734.8
L4470.0	504470.0	5410733.2	46164.60156	308.35	0	48.849552	-86.939069	56308.51	56233.4	16.57	56325.08	56326.79688	56331.04590	56344.53516	504470.0	5410733.2
L4470.0	504470.0	5410731.6	46164.69922	309.42	0	48.849537	-86.939069	56308.71	56233.4	16.57	56325.28	56327.02344	56335.89817	56349.51172	504470.0	5410731.6
L4470.0	504470.0	5410731.6	46164.80078	310.59	0	48.849537	-86.939069	56308.64	56233.4	16.57	56325.21	56326.98047	56336.97138	56350.71094	504470.0	5410731.6
L4470.0	504470.1	5410729.9	46164.89844	310.13	0	48.849522	-86.939069	56308.59	56233.4	16.57	56325.16	56326.95703	56338.32977	56352.19531	504470.1	5410729.9
L4470.0	504470.1	5410728.3	46165.00000	310.18	0	48.849508	-86.939069	56308.16	56233.4	16.57	56324.73	56326.55469	56334.25624	56348.24219	504470.1	5410728.3
L4470.0	504470.1	5410728.3	46165.10156	308.76	0	48.849508	-86.939069	56307.43	56233.4	16.57	56324.01	56325.86328	56325.99472	56340.10547	504470.1	5410728.3
L4470.0	504470.1	5410726.9	46165.19922	309.02	0	48.849495	-86.939068	56307.16	56233.4	16.57	56323.73	56325.61328	56324.01327	56338.24609	504470.1	5410726.9
L4470.0	504470.1	5410725.2	46165.30078	309.62	0	48.849480	-86.939068	56307.41	56233.4	16.58	56323.99	56325.89844	56329.77974	56344.13281	504470.1	5410725.2
L4470.0	504470.1	5410723.6	46165.39844	309.69	0	48.849466	-86.939068	56307.76	56233.4	16.58	56324.34	56326.27734	56336.83265	56351.30469	504470.1	5410723.6
L4470.0	504470.1	5410723.6	46165.50000	308.36	0	48.849466	-86.939068	56307.88	56233.4	16.58	56324.46	56326.42578	56340.57060	56355.16406	504470.1	5410723.6
L4470.0	504470.2	5410721.6	46165.60156	308.20	0	48.849448	-86.939068	56307.31	56233.4	16.58	56323.89	56325.88672	56334.43055	56349.14063	504470.2	5410721.6
L4470.0	504470.2	5410720.4	46165.69922	308.37	0	48.849437	-86.939067	56307.21	56233.4	16.58	56323.79	56325.81250	56335.01411	56349.83984	504470.2	5410720.4
L4470.0	504470.2	5410720.4	46165.80078	309.48	0	48.849437	-86.939067	56306.59	56233.4	16.59	56323.18	56325.23438	56328.35667	56343.29688	504470.2	5410720.4
L4470.0	504470.2	5410718.9	46165.89844	309.40	0	48.849423	-86.939067	56306.44	56233.4	16.59	56323.03	56325.11328	56328.25478	56343.30859	504470.2	5410718.9
L4470.0	504470.2	5410718.9	46166.00000	309.95	0	48.849423	-86.939067	56306.36	56233.4	16.59	56322.95	56325.06250	56329.14234	56344.30859	504470.2	5410718.9
L4470.0	504470.2	5410717.1	46166.10156	310.45	0	48.849407	-86.939067	56306.17	56233.4	16.59	56322.76	56324.89844	56328.48821	56343.76563	504470.2	5410717.1
L4470.0	504470.2	5410715.4	46166.19922	310.15	0	48.849392	-86.939067	56306.19	56233.4	16.60	56322.78	56324.94922	56330.76631	56346.15625	504470.2	5410715.4
L4470.0	504470.2	5410714.0	46166.30078	310.08	0	48.849379	-86.939067	56305.98	56233.4	16.60	56322.58	56324.77734	56329.98784	56345.48828	504470.2	5410714.0
L4470.0	504470.3	5410712.6	46166.39844	308.66	0	48.849366	-86.939066	56305.68	56233.4	16.60	56322.28	56324.50781	56327.85690	56343.46094	504470.3	5410712.6
L4470.0	504470.3	5410712.6	46166.50000	306.56	0	48.849366	-86.939066	56305.35	56233.4	16.60	56321.95	56324.20703	56325.35391	56341.06641	504470.3	5410712.6
L4470.0	504470.3	5410712.6	46166.60156	303.66	0	48.849366	-86.939066	56305.59	56233.4	16.61	56322.20	56324.48438	56330.76885	56346.58594	504470.3	5410712.6
L4470.0	504470.3	5410710.7	46166.69922	302.68	0	48.849350	-86.939066	56305.29	56233.4	16.61	56321.90	56324.21484	56328.71495	56344.63281	504470.3	5410710.7
L4470.0	504470.3	5410709.0	46166.80078	302.79	0	48.849334	-86.939066	56305.14	56233.4	16.61	56321.76	56324.10156	56330.00820	56346.03125	504470.3	5410709.0
L4470.0	504470.3	5410709.0	46166.89844	305.13	0	48.849334	-86.939066	56304.86	56233.4	16.62	56321.48	56323.85156	56326.10857	56342.23047	504470.3	5410709.0
L4470.0	504470.3	5410707.6	46167.00000	305.78	0	48.849322	-86.939066	56304.73	56233.4	16.62	56321.35	56323.75000	56326.77094	56342.99219	504470.3	5410707.6
L4470.0	504470.3	5410705.9	46167.10156	308.00	0	48.849306	-86.939066	56304.73	56233.4	16.62	56321.35	56323.77734	56331.41564	56347.73438	504470.3	5410705.9
L4470.0	504470.3	5410704.4	46167.19922	310.81	0	48.849293	-86.939066	56304.63	56233.4	16.62	56321.25	56323.70703	56333.10722	56349.51953	504470.3	5410704.4

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4470.0	504470.3	5410704.4	46167.30078	312.40	0	48.849293	-86.939066	56304.31	56233.4	16.62	56320.92	56323.40625	56328.02155	56344.53125	504470.3	5410704.4
L4470.0	504470.3	5410702.6	46167.39844	309.99	0	48.849276	-86.939066	56303.79	56233.4	16.62	56320.40	56322.91406	56323.12881	56339.73047	504470.3	5410702.6
L4470.0	504470.3	5410701.1	46167.50000	309.23	0	48.849264	-86.939066	56303.95	56233.4	16.61	56320.56	56323.10156	56327.52609	56344.21875	504470.3	5410701.1
L4470.0	504470.3	5410701.1	46167.60156	307.39	0	48.849264	-86.939066	56303.81	56233.4	16.61	56320.43	56323.00000	56327.99264	56344.77344	504470.3	5410701.1
L4470.0	504470.3	5410699.4	46167.69922	307.41	0	48.849248	-86.939066	56303.79	56233.4	16.61	56320.40	56322.99609	56329.86951	56346.74219	504470.3	5410699.4
L4470.0	504470.3	5410698.4	46167.80078	305.92	0	48.849239	-86.939066	56303.64	56233.4	16.61	56320.25	56322.87500	56330.10076	56347.05859	504470.3	5410698.4
L4470.0	504470.3	5410698.4	46167.89844	306.02	0	48.849239	-86.939066	56303.48	56233.4	16.61	56320.09	56322.74219	56330.19872	56347.24219	504470.3	5410698.4
L4470.0	504470.3	5410696.6	46168.00000	303.48	0	48.849223	-86.939066	56302.95	56233.4	16.61	56319.56	56322.23828	56325.06844	56342.19531	504470.3	5410696.6
L4470.0	504470.3	5410696.6	46168.10156	304.36	0	48.849223	-86.939066	56302.87	56233.4	16.62	56319.48	56322.18750	56326.28195	56343.49219	504470.3	5410696.6
L4470.0	504470.3	5410694.5	46168.19922	307.07	0	48.849204	-86.939066	56302.58	56233.4	16.62	56319.20	56321.93359	56324.65732	56341.94922	504470.3	5410694.5
L4470.0	504470.3	5410693.2	46168.30078	307.49	0	48.849192	-86.939066	56302.54	56233.4	16.63	56319.17	56321.92969	56326.58497	56343.95703	504470.3	5410693.2
L4470.0	504470.3	5410691.6	46168.39844	309.38	0	48.849178	-86.939066	56302.41	56233.4	16.63	56319.04	56321.82813	56327.08662	56344.53516	504470.3	5410691.6
L4470.0	504470.3	5410690.5	46168.50000	308.81	0	48.849168	-86.939066	56302.08	56233.4	16.64	56318.72	56321.53125	56324.87867	56342.40234	504470.3	5410690.5
L4470.0	504470.3	5410690.5	46168.60156	310.56	0	48.849168	-86.939066	56302.02	56233.4	16.65	56318.67	56321.50781	56326.50432	56344.10156	504470.3	5410690.5
L4470.0	504470.3	5410688.7	46168.69922	309.82	0	48.849152	-86.939066	56301.55	56233.3	16.65	56318.20	56321.06250	56322.16700	56339.83984	504470.3	5410688.7
L4470.0	504470.3	5410688.7	46168.80078	309.11	0	48.849152	-86.939066	56301.79	56233.3	16.66	56318.45	56321.33984	56328.00626	56345.75000	504470.3	5410688.7
L4470.0	504470.3	5410687.1	46168.89844	308.75	0	48.849137	-86.939066	56301.60	56233.3	16.66	56318.26	56321.17578	56327.60446	56345.41797	504470.3	5410687.1
L4470.0	504470.3	5410685.5	46169.00000	308.93	0	48.849123	-86.939066	56301.57	56233.3	16.67	56318.24	56321.17969	56329.56278	56347.44141	504470.3	5410685.5
L4470.0	504470.3	5410685.5	46169.10156	307.23	0	48.849123	-86.939066	56301.13	56233.3	16.67	56317.81	56320.77344	56325.78977	56343.73828	504470.3	5410685.5
L4470.0	504470.3	5410684.1	46169.19922	305.63	0	48.849111	-86.939066	56301.03	56233.3	16.67	56317.70	56320.68750	56326.45540	56344.46875	504470.3	5410684.1
L4470.0	504470.4	5410682.7	46169.30078	306.97	0	48.849098	-86.939065	56300.60	56233.3	16.68	56317.27	56320.28125	56322.72167	56340.80078	504470.4	5410682.7
L4470.0	504470.4	5410682.7	46169.39844	309.56	0	48.849098	-86.939065	56300.32	56233.3	16.68	56317.00	56320.03516	56321.19815	56339.33984	504470.4	5410682.7
L4470.0	504470.4	5410680.6	46169.50000	310.39	0	48.849079	-86.939065	56300.27	56233.3	16.68	56316.95	56320.00781	56321.18866	56339.39063	504470.4	5410680.6
L4470.0	504470.4	5410679.1	46169.60156	308.35	0	48.849065	-86.939065	56300.21	56233.3	16.68	56316.90	56319.98047	56325.10580	56343.36719	504470.4	5410679.1
L4470.0	504470.4	5410679.1	46169.69922	306.36	0	48.849065	-86.939065	56300.27	56233.3	16.68	56316.95	56320.05078	56331.83887	56350.16016	504470.4	5410679.1
L4470.0	504470.4	5410677.6	46169.80078	306.10	0	48.849052	-86.939065	56299.88	56233.3	16.69	56316.57	56319.69141	56325.85729	56344.23828	504470.4	5410677.6
L4470.0	504470.4	5410676.5	46169.89844	306.08	0	48.849042	-86.939065	56299.65	56233.3	16.69	56316.34	56319.48438	56324.23685	56342.67188	504470.4	5410676.5
L4470.0	504470.4	5410674.8	46170.00000	305.88	0	48.849027	-86.939065	56299.22	56233.3	16.69	56315.91	56319.07422	56316.89920	56335.38672	504470.4	5410674.8
L4470.0	504470.4	5410673.4	46170.10156	302.87	0	48.849014	-86.939065	56299.15	56233.3	16.69	56315.84	56319.02734	56319.65735	56338.19922	504470.4	5410673.4
L4470.0	504470.4	5410673.4	46170.19922	304.36	0	48.849014	-86.939065	56298.93	56233.3	16.69	56315.62	56318.82813	56318.07894	56336.67188	504470.4	5410673.4
L4470.0	504470.4	5410671.9	46170.30078	305.54	0	48.849000	-86.939065	56298.54	56233.3	16.69	56315.23	56318.45703	56311.78603	56330.42969	504470.4	5410671.9
L4470.0	504470.4	5410671.9	46170.39844	305.56	0	48.849000	-86.939065	56298.50	56233.3	16.69	56315.19	56318.43750	56314.88609	56333.57813	504470.4	5410671.9
L4470.0	504470.4	5410670.5	46170.50000	307.46	0	48.848988	-86.939065	56298.66	56233.3	16.69	56315.35	56318.61328	56323.08819	56341.82813	504470.4	5410670.5
L4470.0	504470.4	5410668.9	46170.60156	308.33	0	48.848974	-86.939065	56298.88	56233.3	16.69	56315.57	56318.85156	56332.59334	56351.37891	504470.4	5410668.9
L4470.0	504470.4	5410667.6	46170.69922	309.57	0	48.848962	-86.939065	56298.46	56233.3	16.69	56315.15	56318.45313	56325.19952	56344.03125	504470.4	5410667.6
L4470.0	504470.4	5410666.4	46170.80078	309.17	0	48.848951	-86.939065	56298.14	56233.3	16.69	56314.83	56318.14844	56320.45367	56339.33203	504470.4	5410666.4
L4470.0	504470.4	5410666.4	46170.89844	306.91	0	48.848951	-86.939065	56297.89	56233.3	16.69	56314.58	56317.91797	56317.53565	56336.45703	504470.4	5410666.4
L4470.0	504470.4	5410665.1	46171.00000	305.47	0	48.848939	-86.939065	56298.11	56233.3	16.69	56314.80	56318.15234	56326.67611	56345.63672	504470.4	5410665.1
L4470.0	504470.4	5410663.4	46171.10156	303.04	0	48.848924	-86.939065	56297.64	56233.3	16.69	56314.33	56317.69922	56318.15456	56337.15625	504470.4	5410663.4
L4470.0	504470.4	5410663.4	46171.19922	301.14	0	48.848924	-86.939065	56297.54	56233.3	16.70	56314.23	56317.61328	56319.14811	56338.19141	504470.4	5410663.4
L4470.0	504470.4	5410661.5	46171.30078	301.46	0	48.848907	-86.939065	56297.13	56233.3	16.70	56313.83	56317.23047	56312.52033	56331.60547	504470.4	5410661.5
L4470.0	504470.4	5410661.5	46171.39844	302.49	0	48.848907	-86.939065	56297.33	56233.3	16.70	56314.03	56317.44531	56321.32876	56340.44922	504470.4	5410661.5
L4470.0	504470.4	5410659.8	46171.50000	305.15	0	48.848892	-86.939065	56297.08	56233.3	16.71	56313.78	56317.21094	56318.67939	56337.83594	504470.4	5410659.8
L4470.0	504470.4	5410658.4	46171.60156	305.95	0	48.848879	-86.939066	56296.84	56233.3	16.71	56313.55	56316.99219	56316.60511	56335.79688	504470.4	5410658.4
L4470.0	504470.4	5410657.0	46171.69922	307.47	0	48.848866	-86.939066	56296.74	56233.3	16.71	56313.45	56316.90625	56317.97867	56337.20703	504470.4	5410657.0
L4470.0	504470.4	5410655.6	46171.80078	309.13	0	48.848853	-86.939066	56296.67	56233.3	16.71	56313.38	56316.85156	56320.23901	56339.50391	504470.4	5410655.6
L4470.0	504470.4	5410655.6	46171.89844	310.08	0	48.848853	-86.939066	56296.82	56233.3	16.72	56313.54	56317.02344	56328.70493	56348.00000	504470.4	5410655.6
L4470.0	504470.4	5410653.9	46172.00000	306.61	0	48.848839	-86.939066	56296.29	56233.3	16.72	56313.01	56316.50391	56318.93674	56338.26172	504470.4	5410653.9
L4470.0	504470.4	5410652.5	46172.10156	305.15	0	48.848826	-86.939066	56296.41	56233.3	16.72	56313.13	56316.63672	56326.58720	56345.94531	504470.4	5410652.5
L4470.0	504470.4	5410652.5	46172.19922	302.26	0	48.848826	-86.939066	56295.93	56233.3	16.72	56312.65	56316.16797	56318.09690	56337.48828	504470.4	5410652.5
L4470.0	504470.4	5410650.7	46172.30078	304.36	0	48.848809	-86.939066	56295.49	56233.3	16.72	56312.21	56315.73828	56310.59369	56330.01563	504470.4	5410650.7
L4470.0	504470.4	5410649.2	46172.39844	304.21	0	48.848796	-86.939066	56295.42	56233.3	16.72	56312.15	56315.68750	56313.52678	56332.97656	504470.4	5410649.2
L4470.0	504470.4	5410649.2	46172.50000	305.19	0	48.848796	-86.939066	56295.54	56233.3	16.73	56312.27	56315.81641	56321.57113	56341.04688	504470.4	5410649.2
L4470.0	504470.4	5410647.4	46172.60156	306.28	0	48.848780	-86.939066	56295.46	56233.3	16.73	56312.19	56315.74609	56324.14126	56343.64453	504470.4	5410647.4
L4470.0	504470.4	5410645.7	46172.69922	307.38	0	48.848765	-86.939066	56294.98	56233.3	16.73	56311.71	56315.27344	56315.47482	56335.00781	504470.4	5410645.7
L4470.0	504470.4	5410644.6	46172.80078	308.45	0	48.848755	-86.939066	56295.01	56233.3	16.73	56311.74	56315.31250	56321.23098	56340.79297	504470.4	5410644.6
L4470.0	504470.4	5410644.6	46172.89844	310.04	0	48.848755	-86.939066	56294.57	56233.3	16.73	56311.30	56314.88281	56313.71569	56333.30469	504470.4	5410644.6
L4470.0	504470.4	5410643.2	46173.00000	310.89	0	48.848743	-86.939066	56294.65	56233.3	16.73	56311.38	56314.96875	56321.01749	56340.62891	504470.4	5410643.2
L4470.0	504470.4	5410643.2	46173.10156	310.08	0	48.848743	-86.939066	56294.34	56233.3	16.73	56311.07	56314.66406	56317.29936	56336.93750	504470.4	5410643.2
L4470.0	504470.3	5410641.4	46173.19922	308.83	0	48.848726	-86.939066	56294.09	56233.3	16.72	56310.81	56314.41016	56315.07428	56334.73828	504470.3	5410641.4
L4470.0	504470.3	5410639.6	46173.30078	306.64	0	48.848710	-86.939066	56293.84	56233.3	16.72	56310.56	56314.16797	56313.21287	56332.90234	504470.3	5410639.6
L4470.0	504470.3	5410639.6	46173.39844	303.34	0	48.848710	-86.939066	56293.70	56233.3	16.72	56310.42	56314.03125	56314.53235	56334.24609	504470.3	5410639.6
L4470.0	504470.3	5410637.9	46173.50000	303.03	0	48.848695	-86.939067	56293.84	56233.3	16.71	56310.55	56314.16797	56323.48856	56343.22266	504470.3	5410637.9
L4470.0	504470.3	5410637.9	46173.60156	304.44	0	48.848695	-86.939067	56293.50	56233.3	16.71	56310.22	56313.83984	56319.57309	56339.33203	504470.3	5410637.9
L4470.0	504470.3	5410636.5	46173.69922	304.57	0	48.848682	-86.939067	56293.29	56233.3	16.71	56310.00	56313.62500	56318.80266	56338.58594	504470.3	5410636.5
L4470.0	504470.3	5410634.6	46173.80078	303.76	0	48.848665	-86.939067	56293.02	56233.3	16.71	56309.73	56313.35938	56316.68758	56336.49219	504470.3	5410634.6
L4470.0	504470.3	5410632.8	46173.89844	305.96	0	48.848649	-86.939067	56292.94	56233.3	16.70	56309.64	56313.27344	56319.60953	56339.43750	504470.3	5410632.8
L4470.0	504470.3	5410632.8	46174.00000	306.76	0	48.848649	-86.939067	56292.67	56233.3	16.70	56309.37	56313.00391	56317.55314	56337.40234	504470.3	5410632.8
L4470.0	504470.3	5410630.9	46174.10156	308.89	0	48.848632	-86.939067	56292.38	56233.3	16.70	56309.08	56312.71484	56314.95846	56334.82813	504470.3	5410630.9
L4470.0	504470.3	5410630.9	46174.19922	308.32	0	48.848632	-86.939067	56291.92	56233.3	16.70	56308.62	56312.25781	56307.65185	56327.54688	504470.3	5410630.9
L4470.0	504470.3	5410629.3	46174.30078	309.23	0	48.848617	-86.939067	56291.77	56233.3	16.71	56308.47	56312.10938	56308.93962	56328.85547	504470.3	5410629.3
L4470.0	504470.3	5410629.3	46174.39844	306.05	0	48.848617	-86.939067	56291.77	56233.3	16.71	56308.48	56312.12109	56314.68228	56334.61719	504470.3	5410629.3
L4470.0	504470.2	5410627.4	46174.50000	305.08	0	48.848600	-86.939067	56291.56	56233.3	16.71	56308.26	56311.90234	56314.03583	56333.99219	504470.2	5410627.4
L4470.0	504470.2	5410625.8	46174.60156	305.94	0	48.848586	-86.939068	56291.48	56233.3	16.71	56308.20	56311.83984	56317.86371	56337.83984	504470.2	5410625.8
L4470.0	504470.2	5410624.5	46174.69922	306.10	0	48.848574	-86.939068	56291.18	56233.3	16.71	56307.90	56311.53906	56315.00047	56335.00000	504470.2	5410624.5
L4470.0	504470.2	5410624.5	46174.80078	306.89	0	48.848574	-86.939068	56290.93	56233.3	16.72	56307.64	56311.28125	56313.26174	56333.28516	504470.2	5410624.5
L4470.0	504470.2	5410622.9	46174.89844	307.00	0	48.848560	-86.939068	56290.60	56233.3	16.72	56307.32	56310.96094	56309.84716	56329.89063	504470.2	5410622.9
L4470.0	504470.2	5410621.1	46175.00000	307.82	0	48.848543	-86.939068	56290.72	56233.3	16.72	56307.44	56311.07813	56318.79641	56338.85938	504470.2	5410621.1
L4470.0	504470.2	5410621.1	46175.10156	308.39	0	48.848543	-86.939068	56290.46	56233.3	16.72	56307.18	56310.81641	56317.07515	56337.16016	504470.2	5410621.1
L4470.0	504470.2	5410619.7	46175.19922	309.43	0	48.848531	-86.939068	56290.12	56233.3	16.72	56306.84	56310.47266	56313.09460	56333.19922	504470.2	5410619.7
L4470.0	504470.2	5410618.0	46175.30078	312.55	0	48.848516	-86.939068	56290.13	56233.3	16.72	56306.85	56310.48047	56318.89987	56339.02734	504470.2	5410618.0
L4470.0	504470.2	5410618.0	46175.39844	308.98	0	48.848516	-86.939068	56289.93	56233.3	16.72	56306.65	56310.27734	56318.75288	56338.90234	504470.2	5410618.0
L4470.0	504470.2	5410616.4	46175.50000	308.04	0	48.848502	-86.939068	56289.49	56233.3	16.72	56306.21	56309.83594	56311.82582	56331.99609	504470.2	5410616.4
L4470.0	504470.2	5410614.8	46175.60156	305.96	0	48.848487	-86.939068	56288.88	56233.3	16.72	56305.60	56309.22266	56300.10358	56320.29297	504470.2	5410614.8
L4470.0	504470.2	5410614.8	46175.69922	305.64	0	48.848487	-86.939068	56288.88	56233.3	16.72	56305.60	56309.21875	56305.25746	56325.47266	504470.2	5410614.8
L4470.0	504470.2	5410613.5	46175.80078	305.61	0	48.848475	-86.939068	56288.70	56233.3	16.72	56305.42	56309.03516	56305.26882	56325.50391	504470.2	5410613.5
L4470.0	504470.2	5410612.2	46175.89844	303.48	0	48.848463	-86.939068	56288.76	56233.3	16.72	56305.48	56309.08984	56311.75513	56332.01172	504470.2	5410612.2
L4470.0	504470.2	5410610.8	46176.00000	302.59	0	48.848450	-86.939068	56288.63	56233.3	16.72	56305.35	56308.95703	56312.84827	56333.12500	504470.2	5410610.8
L4470.0	504470.2	5410610.8	46176.10156	303.25	0	48.848450	-86.939068	56288.68	56233.3	16.72	56305.40	56309.00000	56318.75327	56339.05469	504470.2	5410610.8
L4470.0	504470.2	5410609.2	46176.19922	305.93	0	48.848436	-86.939068	56288.45	56233.3	16.72	56305.17	56308.76563	56316.88776	56337.21094	504470.2	5410609.2
L4470.0	504470.3	5410607.8	46176.30078	307.56	0	48.848424	-86.939068	56287.92	56233.3	16.72	56304.63	56308.22266	56306.48336	56326.83203	504470.3	5410607.8
L4470.0	504470.3	5410606.4	46176.39844	310.51	0	48.848411	-86.939068	56287.75	56233.3	16.72	56304.47	56308.05469	56306.45745	56326.82813	504470.3	5410606.4
L4470.0	504470.3	5410606.4	46176.50000	312.63	0	48.848411	-86.939068	56287.89	56233.3	16.71	56304.61	56308.19141	56314.71713	56335.10938	504470.3	5410606.4

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4470.0	504470.3	5410604.4	46176.60156	310.04	0	48.848394	-86.939067	56287.89	56233.3	16.71	56304.61	56308.18359	56319.24107	56339.65625	504470.3	5410604.4
L4470.0	504470.3	5410604.4	46176.69922	307.87	0	48.848394	-86.939067	56287.30	56233.3	16.71	56304.01	56307.57813	56307.17781	56327.61719	504470.3	5410604.4
L4470.0	504470.3	5410602.8	46176.80078	306.90	0	48.848379	-86.939067	56287.08	56233.3	16.71	56303.79	56307.35156	56305.75040	56326.21484	504470.3	5410602.8
L4470.0	504470.3	5410601.0	46176.89844	307.17	0	48.848363	-86.939067	56286.79	56233.3	16.71	56303.50	56307.05469	56302.45964	56322.94922	504470.3	5410601.0
L4470.0	504470.3	5410601.0	46177.00000	305.71	0	48.848363	-86.939067	56287.02	56233.3	16.71	56303.73	56307.27734	56314.11220	56334.62500	504470.3	5410601.0
L4470.0	504470.3	5410599.4	46177.10156	306.20	0	48.848348	-86.939067	56286.94	56233.3	16.71	56303.65	56307.19141	56317.16635	56337.70313	504470.3	5410599.4
L4470.0	504470.3	5410597.8	46177.19922	305.98	0	48.848334	-86.939067	56286.58	56233.3	16.71	56303.29	56306.82422	56312.29113	56332.85547	504470.3	5410597.8
L4470.0	504470.3	5410597.8	46177.30078	306.87	0	48.848334	-86.939067	56286.33	56233.3	16.71	56303.04	56306.57031	56310.66262	56331.25391	504470.3	5410597.8
L4470.0	504470.3	5410596.0	46177.39844	307.57	0	48.848318	-86.939066	56286.14	56233.3	16.71	56302.84	56306.36328	56310.55226	56331.16797	504470.3	5410596.0
L4470.0	504470.4	5410594.4	46177.50000	309.31	0	48.848303	-86.939066	56286.00	56233.3	16.71	56302.70	56306.21484	56312.23172	56332.87109	504470.4	5410594.4
L4470.0	504470.4	5410594.4	46177.60156	310.54	0	48.848303	-86.939066	56285.57	56233.3	16.70	56302.27	56305.77734	56305.45097	56326.11719	504470.4	5410594.4
L4470.0	504470.4	5410593.0	46177.69922	312.07	0	48.848291	-86.939066	56285.58	56233.3	16.70	56302.28	56305.78125	56311.48531	56332.17969	504470.4	5410593.0
L4470.0	504470.4	5410591.4	46177.80078	310.57	0	48.848276	-86.939066	56285.24	56233.3	16.70	56301.94	56305.43359	56307.27435	56327.99609	504470.4	5410591.4
L4470.0	504470.4	5410591.4	46177.89844	310.29	0	48.848276	-86.939066	56285.11	56233.3	16.70	56301.81	56305.29688	56309.10285	56329.85156	504470.4	5410591.4
L4470.0	504470.4	5410589.2	46178.00000	307.55	0	48.848257	-86.939065	56284.64	56233.3	16.70	56301.34	56304.82031	56301.09025	56321.86719	504470.4	5410589.2
L4470.0	504470.4	5410589.2	46178.10156	304.50	0	48.848257	-86.939065	56284.65	56233.3	16.70	56301.35	56304.82031	56306.78765	56327.59375	504470.4	5410589.2
L4470.0	504470.5	5410587.8	46178.19922	304.23	0	48.848244	-86.939065	56284.55	56233.3	16.70	56301.25	56304.71484	56309.22904	56330.06250	504470.5	5410587.8
L4470.0	504470.5	5410586.4	46178.30078	304.03	0	48.848231	-86.939065	56284.34	56233.3	16.70	56301.04	56304.49609	56308.51738	56329.38281	504470.5	5410586.4
L4470.0	504470.5	5410586.4	46178.39844	301.69	0	48.848231	-86.939065	56284.06	56233.3	16.70	56300.77	56304.21875	56306.15290	56327.04688	504470.5	5410586.4
L4470.0	504470.5	5410585.0	46178.50000	301.07	0	48.848219	-86.939065	56283.73	56233.3	16.71	56300.43	56303.87109	56301.94623	56322.87109	504470.5	5410585.0
L4470.0	504470.5	5410583.2	46178.60156	302.16	0	48.848203	-86.939065	56283.73	56233.3	16.71	56300.43	56303.86328	56306.98483	56327.93750	504470.5	5410583.2
L4470.0	504470.5	5410582.1	46178.69922	304.70	0	48.848193	-86.939064	56283.81	56233.3	16.71	56300.51	56303.93750	56314.07495	56335.05859	504470.5	5410582.1
L4470.0	504470.5	5410582.1	46178.80078	308.69	0	48.848193	-86.939064	56283.66	56233.3	16.71	56300.37	56303.79297	56315.30209	56336.31641	504470.5	5410582.1
L4470.0	504470.5	5410580.1	46178.89844	310.03	0	48.848175	-86.939064	56283.22	56233.3	16.71	56299.93	56303.34375	56308.75551	56329.80078	504470.5	5410580.1
L4470.0	504470.5	5410579.2	46179.00000	308.86	0	48.848166	-86.939064	56282.94	56233.3	16.71	56299.65	56303.05859	56306.51569	56327.59375	504470.5	5410579.2
L4470.0	504470.5	5410577.5	46179.10156	306.25	0	48.848151	-86.939064	56282.58	56233.3	16.71	56299.29	56302.69141	56302.27971	56323.39063	504470.5	5410577.5
L4470.0	504470.5	5410577.5	46179.19922	305.24	0	48.848151	-86.939064	56282.19	56233.3	16.72	56298.91	56302.30469	56297.56958	56318.71094	504470.5	5410577.5
L4470.0	504470.5	5410575.9	46179.30078	306.21	0	48.848137	-86.939064	56282.05	56233.3	16.72	56298.77	56302.15625	56299.12187	56320.29688	504470.5	5410575.9
L4470.0	504470.6	5410574.3	46179.39844	304.23	0	48.848123	-86.939064	56282.20	56233.3	16.72	56298.92	56302.30078	56308.37414	56329.58203	504470.6	5410574.3
L4470.0	504470.6	5410574.3	46179.50000	304.16	0	48.848123	-86.939064	56281.98	56233.3	16.72	56298.71	56302.08594	56308.25425	56329.49609	504470.6	5410574.3
L4470.0	504470.6	5410572.7	46179.60156	305.80	0	48.848109	-86.939064	56281.59	56233.3	16.73	56298.31	56301.67969	56303.00503	56324.27734	504470.6	5410572.7
L4470.0	504470.6	5410571.5	46179.69922	305.97	0	48.848097	-86.939064	56281.38	56233.3	16.73	56298.11	56301.47266	56303.12044	56324.42969	504470.6	5410571.5
L4470.0	504470.5	5410569.8	46179.80078	307.24	0	48.848082	-86.939064	56281.13	56233.3	16.73	56297.87	56301.23047	56302.12907	56323.46875	504470.5	5410569.8
L4470.0	504470.5	5410569.8	46179.89844	307.31	0	48.848082	-86.939064	56281.22	56233.3	16.74	56297.96	56301.31250	56310.57856	56331.95313	504470.5	5410569.8
L4470.0	504470.5	5410568.5	46180.00000	308.74	0	48.848070	-86.939064	56281.07	56233.3	16.74	56297.81	56301.16016	56312.36483	56333.77344	504470.5	5410568.5
L4470.0	504470.5	5410567.2	46180.10156	312.23	0	48.848058	-86.939064	56280.65	56233.3	16.74	56297.39	56300.73438	56306.19681	56327.64063	504470.5	5410567.2
L4470.0	504470.5	5410567.2	46180.19922	313.39	0	48.848058	-86.939064	56280.18	56233.3	16.74	56296.92	56300.25781	56298.32262	56319.80469	504470.5	5410567.2
L4470.0	504470.5	5410565.8	46180.30078	312.57	0	48.848046	-86.939064	56280.13	56233.3	16.73	56296.87	56300.20703	56304.56626	56326.08203	504470.5	5410565.8
L4470.0	504470.5	5410564.2	46180.39844	310.79	0	48.848032	-86.939064	56280.11	56233.3	16.73	56296.84	56300.17188	56306.98079	56328.53125	504470.5	5410564.2
L4470.0	504470.5	5410564.2	46180.50000	308.20	0	48.848032	-86.939064	56279.80	56233.3	16.73	56296.53	56299.85938	56305.51573	56327.10156	504470.5	5410564.2
L4470.0	504470.5	5410562.5	46180.60156	307.22	0	48.848017	-86.939065	56279.28	56233.3	16.73	56296.01	56299.33594	56301.06550	56322.68750	504470.5	5410562.5
L4470.0	504470.5	5410560.5	46180.69922	307.30	0	48.847998	-86.939065	56279.14	56233.3	16.73	56295.87	56299.19141	56301.87549	56323.53516	504470.5	5410560.5
L4470.0	504470.5	5410560.5	46180.80078	308.39	0	48.847998	-86.939065	56279.06	56233.3	16.72	56295.78	56299.09766	56303.35338	56325.04688	504470.5	5410560.5
L4470.0	504470.5	5410559.1	46180.89844	308.09	0	48.847986	-86.939065	56279.06	56233.3	16.72	56295.78	56299.09375	56306.03533	56327.76563	504470.5	5410559.1
L4470.0	504470.5	5410559.1	46181.00000	308.61	0	48.847986	-86.939065	56278.91	56233.3	16.72	56295.63	56298.94141	56306.58853	56328.35938	504470.5	5410559.1
L4470.0	504470.5	5410557.3	46181.10156	311.50	0	48.847969	-86.939065	56278.42	56233.3	16.72	56295.14	56298.45313	56302.48399	56324.28906	504470.5	5410557.3
L4470.0	504470.5	5410555.9	46181.19922	313.09	0	48.847957	-86.939065	56278.29	56233.3	16.72	56295.00	56298.30859	56305.43329	56327.27734	504470.5	5410555.9
L4470.0	504470.5	5410554.5	46181.30078	311.94	0	48.847945	-86.939065	56277.87	56233.3	16.71	56294.58	56297.88672	56299.31263	56321.19141	504470.5	5410554.5
L4470.0	504470.5	5410553.2	46181.39844	309.93	0	48.847933	-86.939065	56277.30	56233.3	16.71	56294.01	56297.31641	56288.86042	56310.77734	504470.5	5410553.2
L4470.0	504470.5	5410553.2	46181.50000	308.72	0	48.847933	-86.939065	56277.42	56233.3	16.71	56294.13	56297.43750	56298.64113	56320.59766	504470.5	5410553.2
L4470.0	504470.5	5410551.8	46181.60156	307.31	0	48.847920	-86.939065	56277.40	56233.3	16.71	56294.11	56297.41797	56304.02995	56326.02344	504470.5	5410551.8
L4470.0	504470.5	5410550.2	46181.69922	307.06	0	48.847906	-86.939065	56277.53	56233.3	16.71	56294.23	56297.53516	56313.11326	56335.14453	504470.5	5410550.2
L4470.0	504470.5	5410548.6	46181.80078	305.61	0	48.847892	-86.939065	56276.79	56233.3	16.70	56293.49	56296.79688	56297.76878	56319.83594	504470.5	5410548.6
L4470.0	504470.5	5410547.4	46181.89844	304.24	0	48.847881	-86.939065	56276.61	56233.3	16.70	56293.31	56296.61719	56298.12251	56320.23047	504470.5	5410547.4
L4470.0	504470.5	5410547.4	46182.00000	303.51	0	48.847881	-86.939065	56276.30	56233.3	16.70	56293.00	56296.30859	56294.74896	56316.89453	504470.5	5410547.4
L4470.0	504470.5	5410545.8	46182.10156	302.47	0	48.847866	-86.939066	56276.20	56233.3	16.70	56292.90	56296.21094	56297.03218	56319.21875	504470.5	5410545.8
L4470.0	504470.4	5410544.4	46182.19922	304.23	0	48.847853	-86.939066	56276.04	56233.3	16.70	56292.74	56296.05469	56297.55416	56319.77734	504470.4	5410544.4
L4470.0	504470.4	5410544.4	46182.30078	304.88	0	48.847853	-86.939066	56276.02	56233.3	16.70	56292.72	56296.03516	56301.83772	56324.09766	504470.4	5410544.4
L4470.0	504470.4	5410543.0	46182.39844	306.76	0	48.847841	-86.939066	56275.92	56233.3	16.70	56292.62	56295.93750	56303.94760	56326.24609	504470.4	5410543.0
L4470.0	504470.4	5410543.0	46182.50000	308.50	0	48.847841	-86.939066	56275.41	56233.3	16.69	56292.10	56295.42188	56294.48756	56316.82813	504470.4	5410543.0
L4470.0	504470.4	5410541.4	46182.60156	312.11	0	48.847827	-86.939066	56275.25	56233.3	16.69	56291.95	56295.27344	56295.28459	56317.66406	504470.4	5410541.4
L4470.0	504470.4	5410539.8	46182.69922	310.87	0	48.847812	-86.939067	56275.20	56233.3	16.69	56291.90	56295.23047	56299.06414	56321.48047	504470.4	5410539.8
L4470.0	504470.4	5410538.7	46182.80078	312.02	0	48.847802	-86.939067	56275.18	56233.3	16.69	56291.88	56295.21484	56303.98262	56326.43750	504470.4	5410538.7
L4470.0	504470.4	5410537.3	46182.89844	310.26	0	48.847790	-86.939067	56275.05	56233.3	16.69	56291.74	56295.07813	56305.75386	56328.24609	504470.4	5410537.3
L4470.0	504470.4	5410537.3	46183.00000	308.72	0	48.847790	-86.939067	56274.82	56233.3	16.69	56291.51	56294.85156	56305.15053	56327.68359	504470.4	5410537.3
L4470.0	504470.3	5410535.6	46183.10156	308.17	0	48.847775	-86.939067	56274.39	56233.3	16.69	56291.08	56294.42969	56298.80232	56321.37500	504470.3	5410535.6
L4470.0	504470.3	5410534.0	46183.19922	307.76	0	48.847760	-86.939067	56274.08	56233.3	16.69	56290.77	56294.12500	56296.18314	56318.79297	504470.3	5410534.0
L4470.0	504470.3	5410532.7	46183.30078	306.08	0	48.847748	-86.939067	56273.98	56233.3	16.69	56290.66	56294.01953	56299.78560	56322.43359	504470.3	5410532.7
L4470.0	504470.3	5410532.7	46183.39844	305.75	0	48.847748	-86.939067	56273.83	56233.3	16.69	56290.51	56293.87891	56302.34586	56325.03516	504470.3	5410532.7
L4470.0	504470.3	5410532.7	46183.50000	304.81	0	48.847748	-86.939067	56273.39	56233.3	16.69	56290.07	56293.44531	56296.26876	56318.99609	504470.3	5410532.7
L4470.0	504470.3	5410530.8	46183.60156	306.24	0	48.847731	-86.939068	56272.96	56233.3	16.68	56289.65	56293.03125	56290.91489	56313.68359	504470.3	5410530.8
L4470.0	504470.3	5410529.4	46183.69922	309.48	0	48.847719	-86.939068	56272.86	56233.3	16.68	56289.54	56292.92969	56294.75310	56317.55859	504470.3	5410529.4
L4470.0	504470.3	5410528.2	46183.80078	310.94	0	48.847708	-86.939068	56272.76	56233.3	16.68	56289.44	56292.83984	56298.66593	56321.50781	504470.3	5410528.2
L4470.0	504470.3	5410526.6	46183.89844	309.61	0	48.847694	-86.939068	56272.57	56233.3	16.68	56289.25	56292.65625	56299.74882	56322.62891	504470.3	5410526.6
L4470.0	504470.3	5410526.6	46184.00000	308.44	0	48.847694	-86.939068	56272.12	56233.3	16.68	56288.80	56292.21484	56293.44640	56316.36719	504470.3	5410526.6
L4470.0	504470.3	5410524.9	46184.10156	306.85	0	48.847679	-86.939068	56272.02	56233.3	16.68	56288.69	56292.11328	56296.39253	56319.35547	504470.3	5410524.9
L4470.0	504470.3	5410523.4	46184.19922	306.86	0	48.847665	-86.939068	56271.67	56233.3	16.68	56288.34	56291.77344	56292.72343	56315.72266	504470.3	5410523.4
L4470.0	504470.3	5410523.4	46184.30078	305.44	0	48.847665	-86.939068	56271.61	56233.3	16.67	56288.28	56291.72266	56296.53994	56319.57422	504470.3	5410523.4
L4470.0	504470.3	5410521.5	46184.39844	304.45	0	48.847647	-86.939068	56271.22	56233.3	16.67	56287.89	56291.34375	56291.78003	56314.85547	504470.3	5410521.5
L4470.0	504470.3	5410519.8	46184.50000	303.96	0	48.847632	-86.939068	56271.15	56233.3	16.67	56287.82	56291.28516	56295.10642	56318.21875	504470.3	5410519.8
L4470.0	504470.3	5410519.8	46184.60156	302.29	0	48.847632	-86.939068	56271.13	56233.3	16.67	56287.79	56291.26563	56299.37133	56322.52344	504470.3	5410519.8
L4470.0	504470.3	5410518.0	46184.69922	301.25	0	48.847616	-86.939068	56270.87	56233.3	16.67	56287.53	56291.01953	56298.06263	56321.25391	504470.3	5410518.0
L4470.0	504470.3	5410518.0	46184.80078	299.68	0	48.847616	-86.939068	56270.56	56233.3	16.66	56287.23	56290.73047	56295.97589	56319.20313	504470.3	5410518.0
L4470.0	504470.3	5410516.0	46184.89844	302.82	0	48.847598	-86.939068	56269.92	56233.3	16.66	56286.58	56290.08984	56285.43292	56308.69531	504470.3	5410516.0
L4470.0	504470.3	5410514.5	46185.00000	302.13	0	48.847584	-86.939068	56269.79	56233.3	16.66	56286.45	56289.97266	56287.91029	56311.21094	504470.3	5410514.5
L4470.0	504470.3	5410513.0	46185.10156	305.53	0	48.847571	-86.939069	56269.42	56233.3	16.66	56286.08	56289.61719	56284.57783	56307.91797	504470.3	5410513.0
L4470.0	504470.3	5410513.0	46185.19922	306.04	0	48.847571	-86.939069	56269.48	56233.3	16.66	56286.14	56289.69141	56292.53227	56315.91016	504470.3	5410513.0
L4470.0	504470.3	5410511.3	46185.30078	306.31	0	48.847556	-86.939069	56269.41	56233.3	16.65	56286.06	56289.62109	56297.32499	56320.73438	504470.3	5410511.3
L4470.0	504470.3	5410509.7	46185.39844	305.96	0	48.847541	-86.939069	56269.63	56233.3	16.65	56286.28	56289.85547	56310.67197	56334.12109	504470.3	5410509.7
L4470.0	504470.3	5410509.7	46185.50000	307.17	0	48.847541	-86.939069	56269.16	56233.3	16.65	56285.81	56289.39844	56305.57850	56329.06250	504470.3	5410509.7
L4470.0	504470.3	5410508.5	46185.60156	306.87	0	48.847531	-86.939069	56268.52	56233.4	16.65	56285.17	56288.77344	56295.47596	56319.00000	504470.3	5410508.5
L4470.0	504470.3	5410506.9	46185.69922	304.52	0	48.847516	-86.939069	56268.11	56233.4	16.65	56284.75	56288.36719	56291.30835	56314.86719	504470.3	5410506.9
L4470.0	504470.3	5410506.9	46185.80078	307.59	0	48.847516	-86.939069	56267.84	56233.4	16.64	56284.48	56288.11328	56291.35084	56314.94141	504470.3	5410506.9

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4470.0	504470.3	5410505.6	46185.89844	310.02	0	48.847504	-86.939069	56267.70	56233.4	16.64	56284.35	56287.99609	56295.51105	56319.13672	504470.3	5410505.6
L4470.0	504470.3	5410504.3	46186.00000	308.97	0	48.847493	-86.939069	56267.14	56233.4	16.64	56283.78	56287.44141	56289.38078	56313.04297	504470.3	5410504.3
L4470.0	504470.2	5410502.8	46186.10156	311.63	0	48.847479	-86.939069	56266.76	56233.4	16.64	56283.40	56287.07813	56287.67445	56311.37109	504470.2	5410502.8
L4470.0	504470.2	5410501.5	46186.19922	313.64	0	48.847468	-86.939069	56266.42	56233.4	16.64	56283.06	56286.75391	56286.50439	56310.23438	504470.2	5410501.5
L4470.0	504470.2	5410501.5	46186.30078	311.91	0	48.847468	-86.939069	56266.47	56233.4	16.64	56283.11	56286.81641	56290.80447	56314.56641	504470.2	5410501.5
L4470.0	504470.2	5410500.0	46186.39844	310.60	0	48.847455	-86.939069	56266.07	56233.4	16.64	56282.70	56286.42188	56288.68271	56312.48047	504470.2	5410500.0
L4470.0	504470.2	5410498.6	46186.50000	309.97	0	48.847442	-86.939069	56265.71	56233.4	16.63	56282.35	56286.08984	56287.40371	56311.23438	504470.2	5410498.6
L4470.0	504470.2	5410498.6	46186.60156	307.88	0	48.847442	-86.939069	56265.94	56233.4	16.63	56282.57	56286.32422	56294.21404	56318.07813	504470.2	5410498.6
L4470.0	504470.2	5410497.1	46186.69922	306.67	0	48.847428	-86.939070	56265.86	56233.4	16.63	56282.50	56286.26953	56296.92449	56320.82031	504470.2	5410497.1
L4470.0	504470.2	5410495.6	46186.80078	303.94	0	48.847415	-86.939070	56265.66	56233.4	16.63	56282.29	56286.07813	56297.65367	56321.58203	504470.2	5410495.6
L4470.0	504470.2	5410494.0	46186.89844	304.12	0	48.847400	-86.939070	56265.31	56233.4	16.63	56281.94	56285.74219	56296.41352	56320.37109	504470.2	5410494.0
L4470.0	504470.2	5410494.0	46187.00000	304.25	0	48.847400	-86.939070	56265.00	56233.4	16.63	56281.63	56285.44922	56295.75452	56319.74609	504470.2	5410494.0
L4470.0	504470.2	5410492.0	46187.10156	305.99	0	48.847382	-86.939070	56264.61	56233.4	16.63	56281.23	56285.06641	56293.85921	56317.88281	504470.2	5410492.0
L4470.0	504470.2	5410492.0	46187.19922	305.24	0	48.847382	-86.939070	56264.57	56233.4	16.62	56281.19	56285.04297	56297.00723	56321.05859	504470.2	5410492.0
L4470.0	504470.2	5410490.2	46187.30078	305.36	0	48.847366	-86.939069	56263.87	56233.4	16.61	56280.49	56284.35938	56291.02234	56315.10156	504470.2	5410490.2
L4470.0	504470.3	5410488.4	46187.39844	308.17	0	48.847350	-86.939069	56263.31	56233.4	16.61	56279.92	56283.80469	56286.91522	56311.02344	504470.3	5410488.4
L4470.0	504470.3	5410488.4	46187.50000	311.76	0	48.847350	-86.939069	56262.47	56233.4	16.61	56279.07	56282.97266	56279.02747	56303.16406	504470.3	5410488.4
L4470.0	504470.3	5410486.9	46187.60156	309.90	0	48.847336	-86.939069	56262.45	56233.4	16.60	56279.04	56282.96094	56282.45072	56306.61719	504470.3	5410486.9
L4470.0	504470.3	5410486.9	46187.69922	308.83	0	48.847336	-86.939069	56262.27	56233.4	16.60	56278.86	56282.79688	56283.85287	56308.04688	504470.3	5410486.9
L4470.0	504470.3	5410485.0	46187.80078	309.16	0	48.847319	-86.939068	56262.17	56233.4	16.59	56278.76	56282.71484	56286.41678	56310.63672	504470.3	5410485.0
L4470.0	504470.3	5410483.6	46187.89844	308.15	0	48.847306	-86.939068	56262.39	56233.4	16.58	56278.97	56282.94141	56293.36606	56317.60938	504470.3	5410483.6
L4470.0	504470.3	5410482.2	46188.00000	309.33	0	48.847294	-86.939068	56261.76	56233.4	16.58	56278.34	56282.32813	56288.73377	56313.00391	504470.3	5410482.2
L4470.0	504470.3	5410482.2	46188.10156	309.95	0	48.847294	-86.939068	56261.44	56233.4	16.58	56278.02	56282.02344	56288.44758	56312.74609	504470.3	5410482.2
L4470.0	504470.4	5410480.8	46188.19922	306.98	0	48.847282	-86.939067	56260.82	56233.4	16.58	56277.40	56281.42188	56283.93115	56308.25000	504470.4	5410480.8
L4470.0	504470.4	5410479.4	46188.30078	306.22	0	48.847269	-86.939067	56261.14	56233.4	16.58	56277.72	56281.75781	56292.86657	56317.20703	504470.4	5410479.4
L4470.0	504470.4	5410479.4	46188.39844	307.41	0	48.847269	-86.939067	56260.66	56233.4	16.58	56277.24	56281.29297	56290.39390	56314.75781	504470.4	5410479.4
L4470.0	504470.4	5410477.8	46188.50000	307.45	0	48.847255	-86.939067	56260.30	56233.4	16.58	56276.88	56280.94922	56289.65575	56314.04297	504470.4	5410477.8
L4470.0	504470.4	5410476.2	46188.60156	306.19	0	48.847240	-86.939067	56259.71	56233.4	16.58	56276.29	56280.37500	56285.59956	56310.01172	504470.4	5410476.2
L4470.0	504470.4	5410476.2	46188.69922	307.54	0	48.847240	-86.939067	56259.59	56233.4	16.58	56276.17	56280.27344	56288.39582	56312.82813	504470.4	5410476.2
L4470.0	504470.4	5410474.8	46188.80078	307.74	0	48.847228	-86.939067	56259.46	56233.4	16.58	56276.04	56280.15625	56291.07755	56315.52734	504470.4	5410474.8
L4470.0	504470.4	5410473.1	46188.89844	311.18	0	48.847212	-86.939066	56258.48	56233.4	16.58	56275.06	56279.19531	56281.47559	56305.94141	504470.4	5410473.1
L4470.0	504470.4	5410473.1	46189.00000	310.55	0	48.847212	-86.939066	56258.41	56233.4	16.58	56274.99	56279.14063	56285.11671	56309.60156	504470.4	5410473.1
L4470.0	504470.5	5410471.7	46189.10156	308.28	0	48.847199	-86.939066	56257.76	56233.4	16.58	56274.34	56278.50391	56280.43316	56304.93750	504470.5	5410471.7
L4470.0	504470.5	5410470.3	46189.19922	306.97	0	48.847187	-86.939066	56257.85	56233.4	16.58	56274.42	56278.60156	56286.32816	56310.84766	504470.5	5410470.3
L4470.0	504470.5	5410468.9	46189.30078	308.07	0	48.847174	-86.939066	56257.19	56233.4	16.57	56273.76	56277.95703	56281.64207	56306.17578	504470.5	5410468.9
L4470.0	504470.5	5410468.9	46189.39844	308.18	0	48.847174	-86.939066	56257.11	56233.4	16.57	56273.68	56277.89063	56285.34480	56309.89453	504470.5	5410468.9
L4470.0	504470.5	5410467.2	46189.50000	307.40	0	48.847159	-86.939066	56256.58	56233.4	16.57	56273.15	56277.37500	56282.66408	56307.22656	504470.5	5410467.2
L4470.0	504470.5	5410467.2	46189.60156	307.39	0	48.847159	-86.939066	56256.46	56233.4	16.57	56273.03	56277.26953	56285.91216	56310.48828	504470.5	5410467.2
L4470.0	504470.5	5410464.3	46189.69922	307.91	0	48.847133	-86.939066	56255.94	56233.4	16.57	56272.50	56276.75391	56283.36867	56307.95703	504470.5	5410464.3
L4470.0	504470.5	5410464.3	46189.80078	309.64	0	48.847133	-86.939066	56255.63	56233.4	16.56	56272.19	56276.46094	56284.03053	56308.62891	504470.5	5410464.3
L4470.0	504470.5	5410462.8	46189.89844	310.59	0	48.847119	-86.939066	56255.48	56233.4	16.56	56272.04	56276.32422	56287.02911	56311.63672	504470.5	5410462.8
L4470.0	504470.5	5410461.6	46190.00000	310.17	0	48.847109	-86.939066	56254.96	56233.4	16.56	56271.52	56275.81641	56284.82776	56309.44531	504470.5	5410461.6
L4470.0	504470.5	5410461.6	46190.00000	310.17	0	48.847109	-86.939066	56254.51	56233.4	16.56	56271.07	56275.37891	56283.68605	56308.31250	504470.5	5410461.6
L4470.0	504470.5	5410460.2	46190.19922	309.42	0	48.847096	-86.939066	56253.54	56233.4	16.56	56270.10	56274.42578	56275.27222	56299.90625	504470.5	5410460.2
L4470.0	504470.5	5410458.6	46190.19922	307.70	0	48.847082	-86.939066	56253.56	56233.4	16.56	56270.12	56274.45703	56280.88519	56305.52344	504470.5	5410458.6
L4470.0	504470.5	5410458.6	46190.39844	307.68	0	48.847082	-86.939066	56253.06	56233.4	16.56	56269.61	56273.96094	56279.09486	56303.73828	504470.5	5410458.6
L4470.0	504470.5	5410456.8	46190.50000	306.89	0	48.847065	-86.939066	56252.92	56233.4	16.56	56269.47	56273.83203	56282.51230	56307.16016	504470.5	5410456.8
L4470.0	504470.5	5410455.1	46190.60156	306.05	0	48.847050	-86.939066	56252.17	56233.4	16.55	56268.72	56273.09375	56277.53274	56302.18359	504470.5	5410455.1
L4470.0	504470.5	5410455.1	46190.69922	305.31	0	48.847050	-86.939066	56251.83	56233.4	16.55	56268.38	56272.76563	56278.28610	56302.93750	504470.5	5410455.1
L4470.0	504470.5	5410453.6	46190.80078	304.39	0	48.847037	-86.939066	56251.57	56233.4	16.55	56268.13	56272.52734	56280.30312	56304.95313	504470.5	5410453.6
L4470.0	504470.5	5410452.0	46190.89844	305.60	0	48.847022	-86.939067	56250.96	56233.4	16.55	56267.51	56271.91797	56274.48186	56299.12891	504470.5	5410452.0
L4470.0	504470.4	5410449.9	46191.00000	306.07	0	48.847004	-86.939067	56250.68	56233.4	16.55	56267.23	56271.64844	56278.68537	56303.33203	504470.4	5410449.9
L4470.0	504470.4	5410449.9	46191.10156	307.58	0	48.847004	-86.939067	56249.84	56233.5	16.55	56266.39	56270.82031	56266.35646	56291.00000	504470.4	5410449.9
L4470.0	504470.4	5410448.0	46191.19922	309.73	0	48.846987	-86.939067	56249.78	56233.5	16.55	56266.33	56270.76953	56277.50130	56302.14063	504470.4	5410448.0
L4470.0	504470.4	5410446.6	46191.30078	311.07	0	48.846974	-86.939067	56249.12	56233.5	16.55	56265.67	56270.12109	56271.14860	56295.78125	504470.4	5410446.6
L4470.0	504470.4	5410445.1	46191.39844	309.72	0	48.846960	-86.939068	56249.32	56233.5	16.55	56265.87	56270.33203	56290.18302	56314.80859	504470.4	5410445.1
L4470.0	504470.4	5410445.1	46191.50000	308.34	0	48.846960	-86.939068	56248.48	56233.5	16.54	56265.03	56269.50000	56279.18501	56303.80469	504470.4	5410445.1
L4470.0	504470.4	5410445.1	46191.60156	306.69	0	48.846960	-86.939068	56247.93	56233.5	16.54	56264.47	56268.94922	56276.64454	56301.25391	504470.4	5410445.1
L4470.0	504470.4	5410443.1	46191.69922	306.28	0	48.846942	-86.939068	56247.49	56233.5	16.54	56264.04	56268.52734	56278.10901	56302.70703	504470.4	5410443.1
L4470.0	504470.3	5410441.7	46191.80078	305.62	0	48.846930	-86.939068	56246.75	56233.5	16.54	56263.29	56267.78516	56270.65947	56295.24609	504470.3	5410441.7
L4470.0	504470.3	5410440.3	46191.89844	304.89	0	48.846917	-86.939069	56246.34	56233.5	16.54	56262.88	56267.38672	56273.12426	56297.69531	504470.3	5410440.3
L4470.0	504470.3	5410439.0	46192.00000	303.07	0	48.846905	-86.939069	56245.52	56233.5	16.54	56262.06	56266.57422	56264.05975	56288.61719	504470.3	5410439.0
L4470.0	504470.3	5410439.0	46192.10156	304.61	0	48.846905	-86.939069	56245.35	56233.5	16.54	56261.88	56266.40234	56273.31371	56297.85938	504470.3	5410439.0
L4470.0	504470.3	5410437.4	46192.19922	305.95	0	48.846891	-86.939069	56244.47	56233.5	16.53	56261.00	56265.52734	56262.70006	56287.22656	504470.3	5410437.4
L4470.0	504470.3	5410435.8	46192.30078	305.97	0	48.846876	-86.939069	56244.41	56233.5	16.53	56260.93	56265.46484	56275.16941	56299.67578	504470.3	5410435.8
L4470.0	504470.3	5410435.8	46192.39844	306.91	0	48.846876	-86.939069	56243.64	56233.5	16.52	56260.16	56264.69922	56267.68295	56292.17188	504470.3	5410435.8
L4470.0	504470.3	5410434.0	46192.50000	307.30	0	48.846860	-86.939069	56243.25	56233.5	16.51	56259.77	56264.31641	56271.00434	56295.47266	504470.3	5410434.0
L4470.0	504470.3	5410434.0	46192.60156	307.56	0	48.846860	-86.939069	56242.64	56233.5	16.51	56259.15	56263.70313	56267.71914	56292.16797	504470.3	5410434.0
L4470.0	504470.3	5410432.3	46192.69922	307.73	0	48.846845	-86.939069	56242.03	56233.5	16.50	56258.54	56263.09766	56264.68893	56289.11328	504470.3	5410432.3
L4470.0	504470.3	5410430.8	46192.80078	307.88	0	48.846832	-86.939069	56241.52	56233.5	16.50	56258.02	56262.58203	56264.22718	56288.62500	504470.3	5410430.8
L4470.0	504470.3	5410429.5	46192.89844	307.41	0	48.846820	-86.939069	56240.77	56233.5	16.49	56257.27	56261.83984	56257.23252	56281.60547	504470.3	5410429.5
L4470.0	504470.3	5410429.5	46193.00000	305.96	0	48.846820	-86.939069	56240.75	56233.5	16.49	56257.24	56261.81250	56270.79966	56295.14453	504470.3	5410429.5
L4470.0	504470.3	5410428.4	46193.10156	307.03	0	48.846810	-86.939069	56239.56	56233.5	16.49	56256.05	56260.62891	56251.56596	56275.88281	504470.3	5410428.4
L4470.0	504470.3	5410428.4	46193.19922	308.21	0	48.846810	-86.939069	56239.78	56233.5	16.49	56256.28	56260.86328	56272.51998	56296.80859	504470.3	5410428.4
L4470.0	504470.3	5410426.8	46193.30078	308.38	0	48.846795	-86.939069	56239.24	56233.5	16.50	56255.73	56260.31641	56271.61267	56295.86719	504470.3	5410426.8
L4470.0	504470.3	5410425.2	46193.39844	307.26	0	48.846781	-86.939069	56239.02	56233.5	16.50	56255.52	56260.10938	56280.20868	56304.42969	504470.3	5410425.2
L4470.0	504470.4	5410423.5	46193.50000	305.24	0	48.846766	-86.939068	56238.22	56233.5	16.50	56254.72	56259.31250	56272.79028	56296.98047	504470.4	5410423.5
L4470.0	504470.4	5410422.3	46193.60156	306.99	0	48.846755	-86.939068	56237.48	56233.5	16.50	56253.98	56258.57422	56267.34189	56291.49609	504470.4	5410422.3
L4470.0	504470.4	5410422.3	46193.69922	306.59	0	48.846755	-86.939068	56236.49	56233.5	16.50	56253.00	56257.59766	56255.89333	56280.01172	504470.4	5410422.3
L4470.0	504470.4	5410420.3	46193.80078	307.95	0	48.846737	-86.939068	56235.81	56233.5	16.51	56252.32	56256.91797	56252.71314	56276.79297	504470.4	5410420.3
L4470.0	504470.4	5410418.7	46193.89844	310.03	0	48.846723	-86.939067	56235.44	56233.5	16.51	56251.95	56256.55078	56257.71111	56281.75000	504470.4	5410418.7
L4470.0	504470.4	5410418.7	46194.00000	309.01	0	48.846723	-86.939067	56234.73	56233.5	16.51	56251.24	56255.84375	56254.09043	56278.08984	504470.4	5410418.7
L4470.0	504470.4	5410417.4	46194.10156	305.37	0	48.846711	-86.939067	56234.60	56233.5	16.51	56251.11	56255.71484	56265.22438	56289.17969	504470.4	5410417.4
L4470.0	504470.5	5410415.4	46194.19922	306.64	0	48.846694	-86.939067	56233.51	56233.5	16.51	56250.02	56254.62891	56252.34856	56276.26172	504470.5	5410415.4
L4470.0	504470.5	5410415.4	46194.30078	304.36	0	48.846694	-86.939067	56232.68	56233.5	16.51	56249.19	56253.79688	56246.16816	56270.03516	504470.5	5410415.4
L4470.0	504470.5	5410414.0	46194.39844	302.66	0	48.846681	-86.939066	56232.10	56233.5	16.51	56248.61	56253.21875	56246.30972	56270.12891	504470.5	5410414.0
L4470.0	504470.5	5410412.7	46194.50000	302.51	0	48.846669	-86.939066	56232.34	56233.5	16.51	56248.85	56253.46094	56266.96083	56290.73047	504470.5	5410412.7
L4470.0	504470.5	5410411.3	46194.60156	302.97	0	48.846656	-86.939066	56231.64	56233.5	16.51	56248.15	56252.76172	56264.45338	56288.17578	504470.5	5410411.3
L4470.0	504470.5	5410411.3	46194.69922	303.28	0	48.846656	-86.939066	56230.90	56233.5	16.51	56247.41	56252.01953	56261.11898	56284.79297	504470.5	5410411.3
L4470.0	504470.5	5410409.4	46194.80078	302.00	0	48.846639	-86.939066	56230.34	56233.5	16.51	56246.85	56251.46094	56262.56093	56286.17969	504470.5	5410409.4
L4470.0	504470.6	5410408.0	46194.89844	305.40	0	48.846627	-86.939066	56229.33	56233.5	16.51	56245.84	56250.44922	56252.65233	56276.21875	504470.6	5410408.0
L4470.0	504470.6	5410408.0	46195.00000	305.79	0	48.846627	-86.939066	56229.01	56233.5	16.51	56245.52	56250.12891	56260.92331	56284.43359	504470.6	5410408.0
L4470.0	504470.6	5410406.5	46195.10156	307.04	0	48.846613	-86.939065	56227.98	56233.5	16.51	56244.49	56249.10156	56250.73874	56274.19531	504470.6	5410406.5

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4470.0	504470.6	5410404.9	46195.19922	311.53	0	48.846598	-86.939065	56227.74	56233.5	16.51	56244.24	56248.85156	56261.86852	56285.26563	504470.6	5410404.9
L4470.0	504470.6	5410404.9	46195.30078	313.14	0	48.846598	-86.939065	56226.38	56233.5	16.50	56242.88	56247.48828	56242.74408	56266.08203	504470.6	5410404.9
L4470.0	504470.6	5410403.7	46195.39844	312.58	0	48.846588	-86.939065	56226.05	56233.5	16.50	56242.55	56247.16016	56252.55255	56275.82813	504470.6	5410403.7
L4470.0	504470.6	5410402.2	46195.50000	310.33	0	48.846574	-86.939065	56225.08	56233.5	16.50	56241.58	56246.18750	56244.43401	56267.64844	504470.6	5410402.2
L4470.0	504470.6	5410402.2	46195.60156	309.22	0	48.846574	-86.939065	56224.40	56233.5	16.50	56240.90	56245.50781	56244.86579	56268.01563	504470.6	5410402.2
L4470.0	504470.7	5410400.6	46195.69922	308.49	0	48.846560	-86.939065	56223.70	56233.5	16.50	56240.20	56244.80469	56244.93334	56268.01953	504470.7	5410400.6
L4470.0	504470.7	5410399.0	46195.80078	307.88	0	48.846545	-86.939064	56223.04	56233.5	16.49	56239.53	56244.13672	56247.93981	56270.96094	504470.7	5410399.0
L4470.0	504470.7	5410397.6	46195.89844	306.64	0	48.846533	-86.939064	56222.68	56233.5	16.49	56239.18	56243.78516	56252.25512	56275.20703	504470.7	5410397.6
L4470.0	504470.7	5410397.6	46196.00000	306.43	0	48.846533	-86.939064	56221.71	56233.5	16.49	56238.20	56242.80469	56248.00577	56270.88672	504470.7	5410397.6
L4470.0	504470.7	5410396.4	46196.10156	307.03	0	48.846522	-86.939064	56221.26	56233.5	16.49	56237.75	56242.35156	56251.10614	56273.91797	504470.7	5410396.4
L4470.0	504470.7	5410394.9	46196.19922	308.35	0	48.846509	-86.939064	56220.16	56233.5	16.48	56236.64	56241.24219	56245.10191	56267.84375	504470.7	5410394.9
L4470.0	504470.7	5410394.9	46196.30078	309.30	0	48.846509	-86.939064	56219.68	56233.5	16.48	56236.16	56240.75781	56247.89033	56270.55859	504470.7	5410394.9
L4470.0	504470.7	5410393.4	46196.39844	311.51	0	48.846495	-86.939064	56218.49	56233.5	16.48	56234.97	56239.57031	56240.88782	56263.48047	504470.7	5410393.4
L4470.0	504470.7	5410391.8	46196.50000	313.68	0	48.846481	-86.939064	56217.76	56233.5	16.47	56234.23	56238.82813	56240.19817	56262.71484	504470.7	5410391.8
L4470.0	504470.7	5410390.6	46196.60156	311.37	0	48.846470	-86.939064	56217.32	56233.5	16.47	56233.80	56238.39453	56243.81827	56266.25781	504470.7	5410390.6
L4470.0	504470.7	5410390.6	46196.69922	310.82	0	48.846470	-86.939064	56216.69	56233.5	16.47	56233.16	56237.75391	56244.58887	56266.95313	504470.7	5410390.6
L4470.0	504470.7	5410389.3	46196.80078	310.40	0	48.846458	-86.939064	56216.11	56233.5	16.47	56232.57	56237.16406	56251.19600	56273.47656	504470.7	5410389.3
L4470.0	504470.7	5410387.8	46196.89844	309.16	0	48.846445	-86.939064	56214.82	56233.5	16.46	56231.28	56235.87500	56234.01793	56256.21875	504470.7	5410387.8
L4470.0	504470.7	5410387.8	46197.00000	305.71	0	48.846445	-86.939064	56214.32	56233.5	16.46	56230.78	56235.37109	56240.86976	56262.98828	504470.7	5410387.8
L4470.0	504470.7	5410385.6	46197.10156	306.59	0	48.846425	-86.939064	56213.21	56233.5	16.46	56229.67	56234.26172	56229.80529	56251.83984	504470.7	5410385.6
L4470.0	504470.7	5410384.2	46197.19922	306.65	0	48.846413	-86.939063	56212.74	56233.5	16.46	56229.20	56233.79297	56237.93064	56259.88281	504470.7	5410384.2
L4470.0	504470.8	5410382.8	46197.30078	304.86	0	48.846400	-86.939063	56211.94	56233.5	16.46	56228.40	56232.99219	56236.61076	56258.47656	504470.8	5410382.8
L4470.0	504470.8	5410382.8	46197.39844	304.36	0	48.846400	-86.939063	56211.38	56233.5	16.46	56227.84	56232.42969	56242.56674	56264.34375	504470.8	5410382.8
L4470.0	504470.8	5410381.1	46197.50000	304.89	0	48.846384	-86.939062	56210.36	56233.5	16.46	56226.83	56231.42188	56235.76728	56257.45703	504470.8	5410381.1
L4470.0	504470.9	5410379.7	46197.60156	304.44	0	48.846372	-86.939062	56209.54	56233.5	16.47	56226.00	56230.58984	56234.50034	56256.09766	504470.9	5410379.7
L4470.0	504470.9	5410378.1	46197.69922	306.00	0	48.846358	-86.939062	56208.90	56233.5	16.47	56225.36	56229.95313	56239.03228	56260.53906	504470.9	5410378.1
L4470.0	504470.9	5410378.1	46197.80078	306.69	0	48.846358	-86.939062	56207.91	56233.5	16.47	56224.38	56228.97266	56233.98789	56255.40234	504470.9	5410378.1
L4470.0	504470.9	5410376.3	46197.89844	309.61	0	48.846341	-86.939061	56207.16	56233.5	16.47	56223.63	56228.22266	56235.89040	56257.21094	504470.9	5410376.3
L4470.0	504471.0	5410374.6	46198.00000	308.16	0	48.846326	-86.939061	56206.17	56233.5	16.47	56222.64	56227.23438	56230.99884	56252.22656	504471.0	5410374.6
L4470.0	504471.0	5410374.6	46198.10156	309.03	0	48.846326	-86.939061	56205.56	56233.5	16.47	56222.03	56226.62500	56237.54546	56258.67969	504471.0	5410374.6
L4470.0	504471.0	5410373.2	46198.19922	309.18	0	48.846314	-86.939060	56204.54	56233.5	16.46	56221.00	56225.59766	56231.83491	56252.87109	504471.0	5410373.2
L4470.0	504471.0	5410371.6	46198.30078	308.59	0	48.846299	-86.939060	56203.82	56233.5	16.46	56220.28	56224.87891	56235.59825	56256.53906	504471.0	5410371.6
L4470.0	504471.0	5410371.6	46198.39844	308.07	0	48.846299	-86.939060	56202.55	56233.5	16.45	56219.00	56223.60156	56226.97188	56247.81250	504471.0	5410371.6
L4470.0	504471.0	5410370.2	46198.50000	306.93	0	48.846286	-86.939060	56201.61	56233.5	16.45	56218.06	56222.66406	56225.32631	56246.07031	504471.0	5410370.2
L4470.0	504471.0	5410370.2	46198.60156	306.67	0	48.846286	-86.939060	56200.78	56233.6	16.45	56217.23	56221.83594	56225.26408	56245.90625	504471.0	5410370.2
L4470.0	504471.0	5410368.3	46198.69922	307.83	0	48.846269	-86.939060	56199.94	56233.6	16.44	56216.38	56220.98828	56225.01491	56245.55859	504471.0	5410368.3
L4470.0	504471.0	5410366.9	46198.80078	309.30	0	48.846257	-86.939060	56199.30	56233.6	16.44	56215.74	56220.35156	56227.76349	56248.20313	504471.0	5410366.9
L4470.0	504471.0	5410364.8	46198.89844	307.67	0	48.846238	-86.939060	56198.09	56233.6	16.43	56214.52	56219.13672	56222.54082	56242.87891	504471.0	5410364.8
L4470.0	504471.0	5410364.8	46199.00000	307.73	0	48.846238	-86.939060	56197.52	56233.6	16.43	56213.95	56218.57031	56226.42230	56246.65625	504471.0	5410364.8
L4470.0	504471.0	5410363.4	46199.10156	309.67	0	48.846225	-86.939060	56196.45	56233.6	16.43	56212.88	56217.50391	56223.42654	56243.55859	504471.0	5410363.4
L4470.0	504471.0	5410362.0	46199.19922	310.57	0	48.846213	-86.939060	56195.86	56233.6	16.43	56212.29	56216.91797	56227.14234	56247.16797	504471.0	5410362.0
L4470.0	504471.0	5410362.0	46199.30078	310.33	0	48.846213	-86.939060	56194.66	56233.6	16.43	56211.09	56215.72266	56222.49885	56242.41797	504471.0	5410362.0
L4470.0	504471.0	5410360.1	46199.39844	308.97	0	48.846195	-86.939060	56193.67	56233.6	16.43	56210.10	56214.73828	56220.83467	56240.64844	504471.0	5410360.1
L4470.0	504471.0	5410358.3	46199.50000	309.25	0	48.846179	-86.939060	56192.62	56233.6	16.43	56209.05	56213.69531	56217.82571	56237.53125	504471.0	5410358.3
L4470.0	504471.0	5410358.3	46199.60156	308.24	0	48.846179	-86.939060	56191.55	56233.6	16.44	56207.98	56212.63281	56213.79035	56233.39063	504471.0	5410358.3
L4470.0	504471.0	5410356.9	46199.69922	306.85	0	48.846167	-86.939061	56190.64	56233.6	16.44	56207.07	56211.73047	56214.75923	56234.25000	504471.0	5410356.9
L4470.0	504471.0	5410356.9	46199.80078	306.60	0	48.846167	-86.939061	56189.50	56233.6	16.44	56205.94	56210.60547	56209.42726	56228.80859	504471.0	5410356.9
L4470.0	504471.0	5410355.5	46199.89844	306.10	0	48.846154	-86.939061	56189.01	56233.6	16.44	56205.45	56210.12500	56222.78617	56242.05469	504471.0	5410355.5
L4470.0	504471.0	5410353.9	46200.00000	305.59	0	48.846140	-86.939061	56187.94	56233.6	16.44	56204.38	56209.06250	56219.43781	56238.59766	504471.0	5410353.9
L4470.0	504470.9	5410352.8	46200.10156	304.85	0	48.846130	-86.939061	56186.78	56233.6	16.44	56203.22	56207.91016	56213.76425	56232.81641	504470.9	5410352.8
L4470.0	504470.9	5410352.8	46200.19922	305.51	0	48.846130	-86.939061	56185.25	56233.6	16.44	56201.68	56206.37891	56197.76297	56216.70313	504470.9	5410352.8
L4470.0	504470.9	5410351.2	46200.30078	305.50	0	48.846116	-86.939061	56184.27	56233.6	16.44	56200.70	56205.41016	56197.57649	56216.40234	504470.9	5410351.2
L4470.0	504470.9	5410349.6	46200.39844	304.83	0	48.846101	-86.939062	56183.46	56233.6	16.44	56199.89	56204.60938	56202.17347	56220.88672	504470.9	5410349.6
L4470.0	504470.9	5410349.6	46200.50000	305.78	0	48.846101	-86.939062	56182.57	56233.6	16.44	56199.00	56203.73047	56204.69550	56223.29688	504470.9	5410349.6
L4470.0	504470.9	5410347.7	46200.60156	308.83	0	48.846084	-86.939062	56181.63	56233.6	16.43	56198.06	56202.80078	56206.02988	56224.51953	504470.9	5410347.7
L4470.0	504470.9	5410346.3	46200.69922	310.33	0	48.846072	-86.939062	56180.80	56233.6	16.43	56197.23	56201.98438	56210.66213	56229.03906	504470.9	5410346.3
L4470.0	504470.9	5410346.3	46200.80078	310.77	0	48.846072	-86.939062	56179.86	56233.6	16.43	56196.29	56201.05469	56212.54591	56230.80859	504470.9	5410346.3
L4470.0	504470.8	5410344.7	46200.89844	308.24	0	48.846057	-86.939063	56178.81	56233.6	16.43	56195.24	56200.01953	56211.62009	56229.76953	504470.8	5410344.7
L4470.0	504470.8	5410343.1	46201.00000	305.66	0	48.846042	-86.939063	56177.69	56233.6	16.43	56194.12	56198.91016	56208.92656	56226.96094	504470.8	5410343.1
L4470.0	504470.8	5410341.4	46201.10156	304.99	0	48.846028	-86.939064	56176.27	56233.6	16.43	56192.69	56197.49609	56197.32640	56215.24609	504470.8	5410341.4
L4470.0	504470.8	5410341.4	46201.19922	306.16	0	48.846028	-86.939064	56175.25	56233.6	16.43	56191.68	56196.50000	56198.20218	56216.00781	504470.8	5410341.4
L4470.0	504470.7	5410339.6	46201.30078	305.26	0	48.846011	-86.939064	56174.17	56233.6	16.42	56190.59	56195.42578	56196.97079	56214.66016	504470.7	5410339.6
L4470.0	504470.7	5410339.6	46201.39844	306.19	0	48.846011	-86.939064	56173.27	56233.6	16.42	56189.69	56194.53906	56200.77080	56218.34375	504470.7	5410339.6
L4470.0	504470.7	5410338.0	46201.50000	307.72	0	48.845997	-86.939064	56171.67	56233.6	16.42	56188.09	56192.95703	56192.89215	56210.35156	504470.7	5410338.0
L4470.0	504470.7	5410336.8	46201.60156	309.47	0	48.845986	-86.939065	56170.96	56233.6	16.42	56187.38	56192.26172	56197.45118	56214.79688	504470.7	5410336.8
L4470.0	504470.6	5410335.3	46201.69922	311.01	0	48.845972	-86.939065	56169.75	56233.6	16.42	56186.16	56191.06250	56194.97383	56212.20313	504470.6	5410335.3
L4470.0	504470.6	5410335.3	46201.80078	310.89	0	48.845972	-86.939065	56168.73	56233.6	16.41	56185.15	56190.07031	56195.57256	56212.68750	504470.6	5410335.3
L4470.0	504470.6	5410333.6	46201.89844	313.73	0	48.845957	-86.939066	56167.52	56233.6	16.41	56183.93	56188.86719	56193.25054	56210.25000	504470.6	5410333.6
L4470.0	504470.6	5410331.7	46202.00000	313.20	0	48.845940	-86.939067	56166.36	56233.6	16.41	56182.77	56187.72656	56191.87621	56208.75781	504470.6	5410331.7
L4470.0	504470.6	5410331.7	46202.10156	310.49	0	48.845940	-86.939067	56165.34	56233.6	16.41	56181.75	56186.72656	56192.63120	56209.39844	504470.6	5410331.7
L4470.0	504470.5	5410330.0	46202.19922	309.25	0	48.845924	-86.939067	56164.34	56233.6	16.41	56180.75	56185.74609	56193.77311	56210.42578	504470.5	5410330.0
L4470.0	504470.5	5410330.0	46202.30078	308.08	0	48.845924	-86.939067	56163.26	56233.6	16.41	56179.67	56184.68750	56193.83484	56210.37109	504470.5	5410330.0
L4470.0	504470.5	5410328.4	46202.39844	307.69	0	48.845911	-86.939068	56161.63	56233.6	16.41	56178.04	56183.07813	56186.00240	56202.42188	504470.5	5410328.4
L4470.0	504470.4	5410326.9	46202.50000	308.09	0	48.845897	-86.939069	56160.56	56233.6	16.41	56176.97	56182.03125	56186.40561	56202.71094	504470.4	5410326.9
L4470.0	504470.4	5410326.9	46202.60156	307.45	0	48.845897	-86.939069	56158.96	56233.6	16.40	56175.37	56180.45313	56179.30111	56195.49219	504470.4	5410326.9
L4470.0	504470.4	5410325.3	46202.69922	306.66	0	48.845882	-86.939069	56158.32	56233.6	16.40	56174.72	56179.82813	56185.88965	56201.96484	504470.4	5410325.3
L4470.0	504470.3	5410323.7	46202.80078	305.50	0	48.845868	-86.939070	56156.96	56233.6	16.40	56173.37	56178.50000	56182.59869	56198.55469	504470.3	5410323.7
L4470.0	504470.3	5410321.8	46202.89844	303.88	0	48.845851	-86.939070	56156.21	56233.6	16.40	56172.61	56177.76563	56187.69105	56203.53125	504470.3	5410321.8
L4470.0	504470.3	5410321.8	46203.00000	304.37	0	48.845851	-86.939070	56154.46	56233.6	16.40	56170.86	56176.04297	56179.10887	56194.83594	504470.3	5410321.8
L4470.0	504470.3	5410320.4	46203.10156	304.72	0	48.845838	-86.939071	56153.12	56233.6	16.40	56169.52	56174.72656	56176.40050	56192.01172	504470.3	5410320.4
L4470.0	504470.2	5410319.0	46203.19922	306.26	0	48.845826	-86.939071	56151.89	56233.6	16.40	56168.29	56173.52344	56175.34934	56190.84766	504470.2	5410319.0
L4470.0	504470.2	5410319.0	46203.30078	308.68	0	48.845826	-86.939071	56150.63	56233.6	16.41	56167.04	56172.30078	56174.16012	56189.53906	504470.2	5410319.0
L4470.0	504470.2	5410317.1	46203.39844	310.75	0	48.845809	-86.939072	56149.32	56233.6	16.41	56165.73	56171.01953	56172.28554	56187.55078	504470.2	5410317.1
L4470.0	504470.2	5410317.1	46203.50000	311.61	0	48.845809	-86.939072	56147.90	56233.6	16.41	56164.31	56169.62891	56169.03253	56184.18359	504470.2	5410317.1
L4470.0	504470.2	5410315.6	46203.60156	309.08	0	48.845796	-86.939072	56146.74	56233.6	16.41	56163.15	56168.49609	56169.48165	56184.51953	504470.2	5410315.6
L4470.0	504470.1	5410314.1	46203.69922	307.63	0	48.845782	-86.939072	56145.28	56233.6	16.41	56161.70	56167.07422	56166.05374	56180.97656	504470.1	5410314.1
L4470.0	504470.1	5410312.5	46203.80078	307.41	0	48.845768	-86.939073	56144.28	56233.6	16.42	56160.69	56166.09766	56168.86656	56183.67188	504470.1	5410312.5
L4470.0	504470.1	5410312.5	46203.89844	306.35	0	48.845768	-86.939073	56142.78	56233.6	16.42	56159.20	56164.63672	56165.10702	56179.79688	504470.1	5410312.5
L4470.0	504470.1	5410310.9	46204.00000	305.98	0	48.845753	-86.939073	56141.76	56233.6	16.42	56158.18	56163.64844	56168.05494	56182.62891	504470.1	5410310.9
L4470.0	504470.1	5410309.6	46204.10156	307.05	0	48.845741	-86.939073	56140.22	56233.6	16.42	56156.64	56162.14063	56163.80136	56178.26172	504470.1	5410309.6
L4470.0	504470.1	5410309.6	46204.19922	307.56	0	48.845741	-86.939073	56138.91	56233.6	16.41	56155.33	56160.86328	56162.89661	56177.24219	504470.1	5410309.6
L4470.0	504470.1	5410307.5	46204.30078	308.37	0	48.845723	-86.939073	56137.77	56233.6	16.41	56154.18	56159.74609	56164.35027	56178.58203	504470.1	5410307.5
L4470.0	504470.1	5410306.1	46204.39844	309.35	0	48.845710	-86.939073	56136.48	56233.6	16.41	56152.88	56158.48047	56163.80535	56177.92188	504470.1	5410306.1

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4470.0	504470.1	5410306.1	46204.50000	310.46	0	48.845710	-86.939073	56135.18	56233.6	16.40	56151.59	56157.22266	56163.51241	56177.51172	504470.1	5410306.1
L4470.0	504470.1	5410304.4	46204.60156	311.34	0	48.845695	-86.939073	56133.50	56233.6	16.40	56149.91	56155.57813	56157.93686	56171.82422	504470.1	5410304.4
L4470.0	504470.1	5410303.3	46204.69922	310.44	0	48.845685	-86.939073	56132.43	56233.6	16.40	56148.82	56154.52344	56160.65805	56174.42969	504470.1	5410303.3
L4470.0	504470.1	5410301.9	46204.80078	309.16	0	48.845672	-86.939073	56130.62	56233.6	16.40	56147.02	56152.75781	56153.74123	56167.39844	504470.1	5410301.9
L4470.0	504470.1	5410301.9	46204.89844	308.58	0	48.845672	-86.939073	56129.30	56233.6	16.39	56145.69	56151.46484	56153.42822	56166.96875	504470.1	5410301.9
L4470.0	504470.1	5410299.8	46205.00000	307.83	0	48.845653	-86.939073	56127.60	56233.6	16.39	56143.99	56149.80078	56148.20107	56161.62891	504470.1	5410299.8
L4470.0	504470.1	5410299.8	46205.10156	306.58	0	48.845653	-86.939073	56126.46	56233.6	16.39	56142.85	56148.69922	56150.74900	56164.06250	504470.1	5410299.8
L4470.0	504470.1	5410298.2	46205.19922	306.37	0	48.845639	-86.939073	56124.89	56233.6	16.39	56141.28	56147.16406	56147.57060	56160.76953	504470.1	5410298.2
L4470.0	504470.1	5410296.8	46205.30078	304.10	0	48.845626	-86.939073	56123.28	56233.6	16.39	56139.67	56145.59375	56143.98492	56157.06641	504470.1	5410296.8
L4470.0	504470.1	5410296.8	46205.39844	302.31	0	48.845626	-86.939073	56121.86	56233.6	16.39	56138.25	56144.21094	56143.11108	56156.07422	504470.1	5410296.8
L4470.0	504470.1	5410295.2	46205.50000	303.40	0	48.845612	-86.939073	56120.32	56233.6	16.39	56136.71	56142.71094	56137.86457	56150.71484	504470.1	5410295.2
L4470.0	504470.1	5410293.9	46205.60156	304.94	0	48.845600	-86.939074	56118.97	56233.6	16.39	56135.36	56141.40234	56140.73810	56153.47266	504470.1	5410293.9
L4470.0	504470.1	5410293.9	46205.69922	305.39	0	48.845600	-86.939074	56117.28	56233.6	16.39	56133.67	56139.75000	56133.50816	56146.12891	504470.1	5410293.9
L4470.0	504470.0	5410292.0	46205.80078	304.71	0	48.845583	-86.939074	56116.33	56233.6	16.39	56132.72	56138.83984	56148.69852	56161.19922	504470.0	5410292.0
L4470.0	504470.0	5410290.4	46205.89844	305.67	0	48.845568	-86.939074	56114.61	56233.6	16.39	56131.00	56137.16016	56141.00237	56153.38672	504470.0	5410290.4
L4470.0	504470.0	5410289.0	46206.00000	308.11	0	48.845556	-86.939074	56113.23	56233.6	16.39	56129.62	56135.82031	56143.72294	56155.99219	504470.0	5410289.0
L4470.0	504470.0	5410289.0	46206.10156	311.07	0	48.845556	-86.939074	56111.29	56233.6	16.39	56127.67	56133.91406	56129.85391	56142.00781	504470.0	5410289.0
L4470.0	504470.0	5410287.1	46206.19922	312.48	0	48.845539	-86.939074	56109.92	56233.6	16.39	56126.30	56132.58594	56133.52303	56145.55859	504470.0	5410287.1
L4470.0	504470.0	5410287.1	46206.30078	310.22	0	48.845539	-86.939074	56108.26	56233.6	16.38	56124.64	56130.96484	56128.97738	56140.89453	504470.0	5410287.1
L4470.0	504470.0	5410286.0	46206.39844	310.40	0	48.845529	-86.939075	56106.55	56233.6	16.38	56122.93	56129.29688	56123.32548	56135.12500	504470.0	5410286.0
L4470.0	504470.0	5410284.4	46206.50000	309.77	0	48.845514	-86.939075	56105.02	56233.6	16.38	56121.40	56127.80859	56123.40459	56135.08594	504470.0	5410284.4
L4470.0	504470.0	5410283.0	46206.60156	307.70	0	48.845502	-86.939075	56103.14	56233.6	16.38	56119.52	56125.97266	56113.41010	56124.97266	504470.0	5410283.0
L4470.0	504470.0	5410281.6	46206.69922	307.48	0	48.845490	-86.939075	56101.76	56233.6	16.38	56118.13	56124.62500	56118.44688	56129.89063	504470.0	5410281.6
L4470.0	504470.0	5410280.2	46206.80078	305.50	0	48.845477	-86.939075	56099.78	56233.6	16.37	56116.15	56122.68750	56106.12693	56117.44922	504470.0	5410280.2
L4470.0	504470.0	5410280.2	46206.89844	305.82	0	48.845477	-86.939075	56099.14	56233.6	16.37	56115.52	56122.10156	56134.70229	56145.90625	504470.0	5410280.2
L4470.0	504470.0	5410278.6	46207.00000	304.03	0	48.845462	-86.939075	56097.27	56233.6	16.37	56113.64	56120.26172	56125.96847	56137.05078	504470.0	5410278.6
L4470.0	504470.0	5410277.0	46207.10156	305.25	0	48.845448	-86.939075	56095.71	56233.6	16.37	56112.08	56118.74609	56127.04878	56138.01172	504470.0	5410277.0
L4470.0	504470.0	5410277.0	46207.19922	306.14	0	48.845448	-86.939075	56093.71	56233.6	16.37	56110.07	56116.77734	56115.04922	56125.89063	504470.0	5410277.0
L4470.0	504470.0	5410275.8	46207.30078	308.34	0	48.845438	-86.939075	56091.89	56233.6	16.36	56108.25	56115.00000	56109.03229	56119.75000	504470.0	5410275.8
L4470.0	504470.0	5410273.9	46207.39844	310.27	0	48.845421	-86.939075	56090.26	56233.6	16.36	56106.62	56113.41406	56108.82159	56119.41406	504470.0	5410273.9
L4470.0	504470.0	5410273.9	46207.50000	311.62	0	48.845421	-86.939075	56088.24	56233.6	16.36	56104.60	56111.43750	56097.81080	56108.27734	504470.0	5410273.9
L4470.0	504470.0	5410272.2	46207.60156	309.95	0	48.845405	-86.939075	56087.04	56233.6	16.36	56103.39	56110.26953	56109.90691	56120.25000	504470.0	5410272.2
L4470.0	504470.0	5410270.9	46207.69922	307.70	0	48.845393	-86.939075	56084.78	56233.6	16.36	56101.13	56108.05078	56093.08461	56103.30078	504470.0	5410270.9
L4470.0	504470.0	5410270.9	46207.80078	307.58	0	48.845393	-86.939075	56083.77	56233.6	16.35	56100.12	56107.08594	56110.90976	56121.00000	504470.0	5410270.9
L4470.0	504470.0	5410269.5	46207.89844	307.03	0	48.845380	-86.939075	56081.31	56233.6	16.35	56097.66	56104.66797	56089.67038	56099.62891	504470.0	5410269.5
L4470.0	504470.0	5410267.9	46208.00000	306.80	0	48.845366	-86.939075	56080.13	56233.7	16.35	56096.48	56103.52734	56103.34333	56113.17578	504470.0	5410267.9
L4470.0	504470.0	5410267.9	46208.10156	306.86	0	48.845366	-86.939075	56078.02	56233.7	16.35	56094.37	56101.46094	56092.41588	56102.11719	504470.0	5410267.9
L4470.0	504470.0	5410266.3	46208.19922	306.59	0	48.845352	-86.939076	56076.58	56233.7	16.35	56092.93	56100.06250	56099.78698	56109.35938	504470.0	5410266.3
L4470.0	504469.9	5410264.3	46208.30078	305.51	0	48.845334	-86.939076	56074.69	56233.7	16.35	56091.03	56098.20313	56095.18492	56104.62109	504469.9	5410264.3
L4470.0	504469.9	5410263.2	46208.39844	304.03	0	48.845323	-86.939076	56072.84	56233.7	16.35	56089.19	56096.40234	56092.47612	56101.78125	504469.9	5410263.2
L4470.0	504469.9	5410263.2	46208.50000	303.01	0	48.845323	-86.939076	56071.14	56233.7	16.35	56087.49	56094.74219	56093.79939	56102.96875	504469.9	5410263.2
L4470.0	504469.9	5410261.8	46208.60156	303.92	0	48.845312	-86.939076	56068.74	56233.7	16.34	56085.09	56092.38281	56076.19833	56085.23047	504469.9	5410261.8
L4470.0	504469.9	5410260.4	46208.69922	302.98	0	48.845299	-86.939076	56067.68	56233.7	16.34	56084.02	56091.35156	56095.17899	56104.07422	504469.9	5410260.4
L4470.0	504469.9	5410260.4	46208.80078	303.94	0	48.845299	-86.939076	56065.10	56233.7	16.34	56081.44	56088.80859	56072.41833	56081.17578	504469.9	5410260.4
L4470.0	504469.9	5410258.6	46208.89844	305.00	0	48.845282	-86.939077	56063.98	56233.7	16.34	56080.32	56087.72656	56090.61038	56099.22656	504469.9	5410258.6
L4470.0	504469.9	5410257.2	46209.00000	307.29	0	48.845270	-86.939077	56061.46	56233.7	16.34	56077.80	56085.24219	56068.83690	56077.31250	504469.9	5410257.2
L4470.0	504469.9	5410257.2	46209.10156	309.70	0	48.845270	-86.939077	56060.02	56233.7	16.34	56076.35	56083.82813	56077.95916	56086.29297	504469.9	5410257.2
L4470.0	504469.9	5410255.4	46209.19922	311.33	0	48.845253	-86.939077	56057.71	56233.7	16.33	56074.04	56081.55469	56061.37809	56069.56641	504469.9	5410255.4
L4470.0	504469.9	5410255.4	46209.30078	309.71	0	48.845253	-86.939077	56055.95	56233.7	16.33	56072.28	56079.82813	56066.95614	56074.99609	504469.9	5410255.4
L4470.0	504469.8	5410254.0	46209.39844	309.11	0	48.845241	-86.939077	56054.68	56233.7	16.33	56071.01	56078.59375	56073.17216	56081.06641	504469.8	5410254.0
L4470.0	504469.8	5410252.4	46209.50000	307.78	0	48.845227	-86.939077	56052.32	56233.7	16.32	56068.65	56076.26563	56064.14192	56071.88672	504469.8	5410252.4
L4470.0	504469.8	5410250.9	46209.60156	307.68	0	48.845213	-86.939078	56051.19	56233.7	16.32	56067.51	56075.15625	56072.80672	56080.39844	504469.8	5410250.9
L4470.0	504469.8	5410249.7	46209.69922	307.89	0	48.845203	-86.939078	56048.58	56233.7	16.32	56064.90	56072.57813	56060.06694	56067.50781	504469.8	5410249.7
L4470.0	504469.8	5410249.7	46209.80078	307.84	0	48.845203	-86.939078	56047.45	56233.7	16.32	56063.76	56071.46875	56069.22250	56076.50781	504469.8	5410249.7
L4470.0	504469.8	5410248.1	46209.89844	307.45	0	48.845188	-86.939078	56044.96	56233.7	16.31	56061.27	56069.00781	56058.26180	56065.39063	504469.8	5410248.1
L4470.0	504469.8	5410246.7	46210.00000	309.62	0	48.845175	-86.939078	56043.75	56233.7	16.31	56060.06	56067.82422	56066.67811	56073.64844	504469.8	5410246.7
L4470.0	504469.8	5410246.7	46210.10156	311.03	0	48.845175	-86.939078	56041.57	56233.7	16.31	56057.88	56065.67188	56060.53004	56067.33984	504469.8	5410246.7
L4470.0	504469.7	5410244.7	46210.19922	311.62	0	48.845157	-86.939078	56039.58	56233.7	16.31	56055.89	56063.70703	56057.34375	56063.98828	504469.7	5410244.7
L4470.0	504469.7	5410243.2	46210.30078	312.99	0	48.845144	-86.939079	56037.81	56233.7	16.31	56054.12	56061.96094	56057.50204	56063.98438	504469.7	5410243.2
L4470.0	504469.7	5410243.2	46210.39844	313.86	0	48.845144	-86.939079	56035.38	56233.7	16.31	56051.68	56059.54297	56047.96138	56054.27734	504469.7	5410243.2
L4470.0	504469.7	5410241.8	46210.50000	311.69	0	48.845132	-86.939079	56033.50	56233.7	16.31	56049.81	56057.69141	56046.87654	56053.02344	504469.7	5410241.8
L4470.0	504469.7	5410240.7	46210.60156	310.32	0	48.845122	-86.939080	56030.92	56233.7	16.30	56047.23	56055.13281	56035.96799	56041.94531	504469.7	5410240.7
L4470.0	504469.6	5410238.8	46210.69922	308.25	0	48.845105	-86.939080	56029.84	56233.7	16.30	56046.14	56054.05859	56045.78046	56051.58203	504469.6	5410238.8
L4470.0	504469.6	5410237.7	46210.80078	307.57	0	48.845094	-86.939080	56027.46	56233.7	16.30	56043.76	56051.69531	56036.61070	56042.23828	504469.6	5410237.7
L4470.0	504469.6	5410237.7	46210.89844	305.37	0	48.845094	-86.939080	56025.96	56233.7	16.30	56042.27	56050.21875	56049.36547	56054.81250	504469.6	5410237.7
L4470.0	504469.6	5410235.6	46211.00000	304.80	0	48.845076	-86.939081	56023.41	56233.7	16.30	56039.71	56047.67188	56031.00909	56036.27734	504469.6	5410235.6
L4470.0	504469.6	5410235.6	46211.10156	304.07	0	48.845076	-86.939081	56021.39	56233.7	16.30	56037.69	56045.66016	56028.24476	56033.33203	504469.6	5410235.6
L4470.0	504469.6	5410234.3	46211.19922	302.48	0	48.845064	-86.939081	56019.52	56233.7	16.30	56035.82	56043.80078	56029.40531	56034.30859	504469.6	5410234.3
L4470.0	504469.6	5410233.1	46211.30078	303.67	0	48.845053	-86.939081	56017.29	56233.7	16.30	56033.58	56041.56641	56020.49689	56025.21094	504469.6	5410233.1
L4470.0	504469.5	5410231.4	46211.39844	301.57	0	48.845038	-86.939082	56015.50	56233.7	16.30	56031.79	56039.78125	56023.34819	56027.87109	504469.5	5410231.4
L4470.0	504469.5	5410231.4	46211.50000	301.51	0	48.845038	-86.939082	56013.12	56233.7	16.29	56029.42	56037.41406	56011.12677	56015.46094	504469.5	5410231.4
L4470.0	504469.5	5410229.4	46211.60156	302.51	0	48.845020	-86.939082	56012.01	56233.7	16.29	56028.30	56036.29688	56030.46786	56034.60547	504469.5	5410229.4
L4470.0	504469.5	5410227.8	46211.69922	303.14	0	48.845006	-86.939082	56009.96	56233.7	16.29	56026.25	56034.24219	56026.16429	56030.10547	504469.5	5410227.8
L4470.0	504469.5	5410227.8	46211.80078	305.95	0	48.845006	-86.939082	56008.41	56233.7	16.29	56024.71	56032.69922	56034.57670	56038.31641	504469.5	5410227.8
L4470.0	504469.5	5410226.3	46211.89844	309.81	0	48.844992	-86.939082	56005.86	56233.7	16.29	56022.15	56030.13281	56017.66473	56021.20313	504469.5	5410226.3
L4470.0	504469.5	5410224.4	46212.00000	310.66	0	48.844975	-86.939082	56003.76	56233.7	16.29	56020.05	56028.02734	56012.19592	56015.53125	504469.5	5410224.4
L4470.0	504469.5	5410224.4	46212.10156	311.21	0	48.844975	-86.939082	56001.66	56233.7	16.29	56017.95	56025.91406	56006.70541	56009.83203	504469.5	5410224.4
L4470.0	504469.5	5410222.8	46212.19922	310.42	0	48.844960	-86.939082	55999.43	56233.7	16.29	56015.73	56023.68359	55998.03673	56000.95313	504469.5	5410222.8
L4470.0	504469.6	5410221.2	46212.30078	308.61	0	48.844946	-86.939081	55998.04	56233.7	16.29	56014.34	56022.27734	56011.34364	56014.04688	504469.6	5410221.2
L4470.0	504469.6	5410221.2	46212.39844	308.75	0	48.844946	-86.939081	55995.54	56233.7	16.29	56011.83	56019.75000	55994.83925	55997.32422	504469.6	5410221.2
L4470.0	504469.6	5410220.1	46212.50000	308.84	0	48.844936	-86.939081	55994.22	56233.7	16.29	56010.52	56018.41797	56011.31579	56013.58203	504469.6	5410220.1
L4470.0	504469.6	5410218.0	46212.60156	307.75	0	48.844918	-86.939081	55991.62	56233.7	16.30	56007.92	56015.79688	55991.74595	55993.79297	504469.6	5410218.0
L4470.0	504469.6	5410218.0	46212.69922	307.77	0	48.844918	-86.939081	55990.33	56233.7	16.30	56006.63	56014.48047	56009.74416	56011.56641	504469.6	5410218.0
L4470.0	504469.6	5410217.1	46212.80078	306.83	0	48.844909	-86.939081	55987.85	56233.7	16.30	56004.15	56011.97266	55992.95337	55994.54688	504469.6	5410217.1
L4470.0	504469.6	5410215.7	46212.89844	306.92	0	48.844897	-86.939081	55986.08	56233.7	16.30	56002.38	56010.17188	55997.08818	55998.44922	504469.6	5410215.7
L4470.0	504469.6	5410215.7	46213.00000	307.24	0	48.844897	-86.939081	55983.70	56233.7	16.30	56000.00	56007.75781	55985.33193	55986.46094	504469.6	5410215.7
L4470.0	504469.6	5410214.1	46213.10156	307.49	0	48.844882	-86.939081	55981.70	56233.7	16.30	55998.00	56005.71875	55982.23162	55983.12500	504469.6	5410214.1
L4470.0	504469.6	5410212.5	46213.19922	307.62	0	48.844868	-86.939081	55980.01	56233.7	16.30	55996.30	56003.98047	55983.26124	55983.91406	504469.6	5410212.5
L4470.0	504469.6	5410211.1	46213.30078	310.65	0	48.844856	-86.939081	55977.81	56233.7	16.29	55994.10	56001.73828	55977.20945	55977.62109	504469.6	5410211.1
L4470.0	504469.6	5410211.1	46213.39844	314.48	0	48.844856	-86.939081	55976.26	56233.7	16.29	55992.55	56000.14063	55980.26287	55980.42969	504469.6	5410211.1
L4470.0	504469.6	5410209.7	46213.50000	312.45	0	48.844843	-86.939081	55973.54	56233.7	16.29	55989.83	55997.37109	55966.54364	55966.46484	504469.6	5410209.7
L4470.0	504469.6	5410209.7	46213.60156	312.06	0	48.844843	-86.939081	55972.42	56233.7	16.29	55988.71	55996.19922	55975.60165	55975.26953	504469.6	5410209.7
L4470.0	504469.6	5410208.2	46213.69922	310.05	0	48.844829	-86.939081	55970.22	56233.7	16.29	55986.50	55993.93750	55968.90636	55968.32031	504469.6	5410208.2

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4470.0	504469.6	5410206.8	46213.80078	308.88	0	48.844816	-86.939081	55968.81	56233.7	16.28	55985.09	55992.46875	55973.64150	55972.79688	504469.6	5410206.8
L4470.0	504469.6	5410205.4	46213.89844	308.19	0	48.844804	-86.939081	55966.70	56233.7	16.28	55982.99	55990.30859	55968.25546	55967.15234	504469.6	5410205.4
L4470.0	504469.6	5410205.4	46214.00000	308.93	0	48.844804	-86.939081	55964.75	56233.7	16.28	55981.03	55988.28516	55964.74628	55963.38281	504469.6	5410205.4
L4470.0	504469.6	5410203.8	46214.10156	308.04	0	48.844789	-86.939081	55962.76	56233.7	16.28	55979.04	55986.22656	55960.64348	55959.01172	504469.6	5410203.8
L4470.0	504469.6	5410202.0	46214.19922	308.53	0	48.844774	-86.939081	55960.64	56233.7	16.28	55976.92	55984.03516	55954.48007	55952.57813	504469.6	5410202.0
L4470.0	504469.6	5410202.0	46214.30078	307.72	0	48.844774	-86.939081	55959.27	56233.7	16.28	55975.54	55982.58203	55959.02628	55956.85156	504469.6	5410202.0
L4470.0	504469.6	5410200.2	46214.39844	308.26	0	48.844758	-86.939081	55956.96	56233.7	16.28	55973.24	55980.20313	55949.92291	55947.47656	504469.6	5410200.2
L4470.0	504469.6	5410198.8	46214.50000	309.56	0	48.844744	-86.939081	55955.57	56233.7	16.27	55971.85	55978.73438	55954.02741	55951.30469	504469.6	5410198.8
L4470.0	504469.6	5410197.3	46214.60156	308.99	0	48.844731	-86.939081	55953.32	56233.7	16.27	55969.59	55976.39063	55945.22500	55942.21875	504469.6	5410197.3
L4470.0	504469.6	5410197.3	46214.69922	311.92	0	48.844731	-86.939081	55951.73	56233.7	16.27	55968.00	55974.71484	55946.06743	55942.77734	504469.6	5410197.3
L4470.0	504469.6	5410195.9	46214.80078	312.66	0	48.844718	-86.939081	55949.91	56233.7	16.27	55966.18	55972.80469	55943.37531	55939.80078	504469.6	5410195.9
L4470.0	504469.6	5410194.6	46214.89844	312.00	0	48.844707	-86.939081	55948.29	56233.7	16.27	55964.56	55971.09375	55943.39890	55939.53516	504469.6	5410194.6
L4470.0	504469.6	5410192.7	46215.00000	309.29	0	48.844689	-86.939081	55947.07	56233.7	16.27	55963.34	55969.77734	55948.96765	55944.81250	504469.6	5410192.7
L4470.0	504469.6	5410192.7	46215.10156	309.54	0	48.844689	-86.939081	55945.07	56233.7	16.27	55961.34	55967.67578	55943.09584	55938.64453	504469.6	5410192.7
L4470.0	504469.6	5410191.2	46215.19922	308.14	0	48.844676	-86.939081	55943.43	56233.7	16.26	55959.69	55965.92188	55942.01683	55937.26563	504469.6	5410191.2
L4470.0	504469.6	5410191.2	46215.30078	307.94	0	48.844676	-86.939081	55941.38	56233.7	16.26	55957.64	55963.76563	55935.01288	55929.96094	504469.6	5410191.2
L4470.0	504469.6	5410189.3	46215.39844	305.52	0	48.844659	-86.939081	55940.04	56233.7	16.26	55956.30	55962.31641	55937.87110	55932.51953	504469.6	5410189.3
L4470.0	504469.6	5410187.7	46215.50000	305.79	0	48.844645	-86.939081	55937.99	56233.7	16.25	55954.25	55960.15234	55930.43572	55924.77734	504469.6	5410187.7
L4470.0	504469.6	5410186.0	46215.60156	307.28	0	48.844629	-86.939082	55936.61	56233.7	16.25	55952.86	55958.64844	55932.12057	55926.15234	504469.6	5410186.0
L4470.0	504469.6	5410186.0	46215.69922	306.79	0	48.844629	-86.939082	55934.48	56233.8	16.25	55950.73	55956.39844	55923.17719	55916.89844	504469.6	5410186.0
L4470.0	504469.6	5410184.5	46215.80078	306.23	0	48.844616	-86.939082	55933.19	56233.8	16.25	55949.43	55954.97656	55925.68688	55919.09375	504469.6	5410184.5
L4470.0	504469.5	5410182.9	46215.89844	306.47	0	48.844601	-86.939082	55931.75	56233.8	16.24	55947.99	55953.41016	55925.99050	55919.08203	504469.5	5410182.9
L4470.0	504469.5	5410181.6	46216.00000	307.82	0	48.844590	-86.939082	55930.13	56233.8	16.24	55946.37	55951.66406	55923.56302	55916.33594	504469.5	5410181.6
L4470.0	504469.5	5410181.6	46216.10156	307.02	0	48.844590	-86.939082	55928.61	56233.8	16.24	55944.85	55950.01172	55922.27024	55914.72266	504469.5	5410181.6
L4470.0	504469.5	5410179.9	46216.19922	306.83	0	48.844574	-86.939082	55926.76	56233.8	16.23	55943.00	55948.02344	55913.54618	55905.67578	504469.5	5410179.9
L4470.0	504469.5	5410178.4	46216.30078	309.94	0	48.844561	-86.939082	55925.45	56233.8	16.23	55941.68	55946.56641	55917.52950	55909.33594	504469.5	5410178.4
L4470.0	504469.5	5410178.4	46216.39844	312.28	0	48.844561	-86.939082	55923.98	56233.8	16.23	55940.20	55944.94531	55915.89574	55907.37500	504469.5	5410178.4
L4470.0	504469.5	5410178.4	46216.50000	312.71	0	48.844561	-86.939082	55922.96	56233.8	16.22	55939.19	55943.79297	55927.22297	55918.37109	504469.5	5410178.4
L4470.0	504469.5	5410176.6	46216.60156	311.93	0	48.844545	-86.939082	55921.32	56233.8	16.22	55937.55	55942.00391	55919.28069	55910.09766	504469.5	5410176.6
L4470.0	504469.5	5410175.2	46216.69922	311.16	0	48.844532	-86.939082	55920.11	56233.8	16.22	55936.33	55940.63672	55922.73297	55913.21875	504469.5	5410175.2
L4470.0	504469.5	5410173.6	46216.80078	309.58	0	48.844518	-86.939082	55918.29	56233.8	16.22	55934.50	55938.65234	55908.10989	55898.25781	504469.5	5410173.6
L4470.0	504469.5	5410173.6	46216.89844	307.78	0	48.844518	-86.939082	55917.02	56233.8	16.21	55933.24	55937.23828	55909.02415	55898.83594	504469.5	5410173.6
L4470.0	504469.5	5410171.8	46217.00000	305.67	0	48.844502	-86.939082	55915.61	56233.8	16.21	55931.82	55935.66016	55904.82406	55894.30078	504469.5	5410171.8
L4470.0	504469.5	5410170.2	46217.10156	305.76	0	48.844487	-86.939082	55914.29	56233.8	16.21	55930.50	55934.17969	55902.81324	55891.94922	504469.5	5410170.2
L4470.0	504469.5	5410170.2	46217.19922	303.89	0	48.844487	-86.939082	55913.28	56233.8	16.21	55929.49	55933.00391	55908.58530	55897.37891	504469.5	5410170.2
L4470.0	504469.5	5410168.6	46217.30078	303.61	0	48.844473	-86.939082	55912.02	56233.8	16.22	55928.23	55931.57813	55906.98876	55895.43750	504469.5	5410168.6
L4470.0	504469.5	5410167.2	46217.39844	302.90	0	48.844460	-86.939082	55910.95	56233.8	16.22	55927.17	55930.35156	55910.08119	55898.18750	504469.5	5410167.2
L4470.0	504469.5	5410165.9	46217.50000	303.87	0	48.844449	-86.939082	55909.56	56233.8	16.22	55925.78	55928.79297	55904.00250	55891.76563	504469.5	5410165.9
L4470.0	504469.5	5410165.9	46217.60156	306.00	0	48.844449	-86.939082	55908.68	56233.8	16.22	55924.90	55927.73828	55910.40366	55897.82031	504469.5	5410165.9
L4470.0	504469.5	5410164.7	46217.69922	307.13	0	48.844438	-86.939082	55907.16	56233.8	16.22	55923.38	55926.04297	55899.98153	55887.04688	504469.5	5410164.7
L4470.0	504469.5	5410163.3	46217.80078	308.80	0	48.844426	-86.939083	55906.10	56233.8	16.23	55922.32	55924.80469	55900.43957	55887.15625	504469.5	5410163.3
L4470.0	504469.5	5410163.3	46217.89844	309.62	0	48.844426	-86.939083	55904.88	56233.8	16.23	55921.11	55923.41406	55896.42761	55882.79688	504469.5	5410163.3
L4470.0	504469.5	5410161.4	46218.00000	308.77	0	48.844408	-86.939083	55903.97	56233.8	16.23	55920.20	55922.32422	55898.80627	55884.82813	504469.5	5410161.4
L4470.0	504469.5	5410159.9	46218.10156	307.26	0	48.844394	-86.939083	55903.26	56233.8	16.23	55919.49	55921.42969	55904.91913	55890.58984	504469.5	5410159.9
L4470.0	504469.5	5410158.5	46218.19922	306.60	0	48.844382	-86.939083	55902.23	56233.8	16.22	55918.45	55920.20703	55902.03239	55887.35156	504469.5	5410158.5
L4470.0	504469.5	5410158.5	46218.30078	305.33	0	48.844382	-86.939083	55901.24	56233.8	16.22	55917.46	55919.02734	55899.17965	55884.14844	504469.5	5410158.5
L4470.0	504469.5	5410157.2	46218.39844	305.44	0	48.844370	-86.939083	55900.10	56233.8	16.21	55916.32	55917.69922	55891.44022	55876.05859	504469.5	5410157.2
L4470.0	504469.5	5410157.2	46218.50000	304.82	0	48.844370	-86.939083	55899.16	56233.8	16.21	55915.37	55916.55859	55886.91671	55871.18359	504469.5	5410157.2
L4470.0	504469.5	5410155.6	46218.60156	303.67	0	48.844356	-86.939083	55898.28	56233.8	16.21	55914.49	55915.48828	55882.73261	55866.64844	504469.5	5410155.6
L4470.0	504469.5	5410154.5	46218.69922	304.50	0	48.844346	-86.939083	55897.70	56233.8	16.20	55913.90	55914.70703	55884.52021	55868.08594	504469.5	5410154.5
L4470.0	504469.4	5410153.0	46218.80078	303.23	0	48.844332	-86.939084	55896.69	56233.8	16.20	55912.89	55913.50391	55874.32958	55857.54297	504469.4	5410153.0
L4470.0	504469.4	5410153.0	46218.89844	304.45	0	48.844332	-86.939084	55896.43	56233.8	16.19	55912.63	55913.04688	55882.31479	55865.17969	504469.4	5410153.0
L4470.0	504469.4	5410151.4	46219.00000	303.34	0	48.844318	-86.939084	55896.36	56233.8	16.19	55912.55	55912.76953	55894.26522	55876.78125	504469.4	5410151.4
L4470.0	504469.5	5410149.8	46219.10156	303.35	0	48.844303	-86.939084	55896.03	56233.8	16.19	55912.22	55912.24219	55898.79804	55880.96484	504469.5	5410149.8
L4470.0	504469.5	5410148.4	46219.19922	305.44	0	48.844291	-86.939084	55895.72	56233.8	16.20	55911.92	55911.74609	55903.36025	55885.17969	504469.5	5410148.4
L4470.0	504469.5	5410148.4	46219.30078	306.40	0	48.844291	-86.939084	55894.72	56233.8	16.20	55910.92	55910.54688	55887.51957	55868.99219	504469.5	5410148.4
L4470.0	504469.5	5410146.3	46219.39844	308.62	0	48.844272	-86.939083	55894.08	56233.8	16.20	55910.28	55909.70703	55880.62301	55861.75000	504469.5	5410146.3
L4470.0	504469.5	5410144.9	46219.50000	309.62	0	48.844260	-86.939083	55893.47	56233.8	16.21	55909.68	55908.90625	55873.91175	55854.69141	504469.5	5410144.9
L4470.0	504469.5	5410144.9	46219.60156	309.35	0	48.844260	-86.939083	55893.40	56233.8	16.21	55909.61	55908.63672	55882.05657	55862.49609	504469.5	5410144.9
L4470.0	504469.5	5410143.2	46219.69922	308.96	0	48.844244	-86.939083	55893.12	56233.8	16.21	55909.33	55908.15625	55883.53649	55863.63281	504469.5	5410143.2
L4470.0	504469.5	5410141.9	46219.80078	308.71	0	48.844233	-86.939083	55892.94	56233.8	16.21	55909.15	55907.77734	55883.70734	55863.46094	504469.5	5410141.9
L4470.0	504469.6	5410140.3	46219.89844	308.93	0	48.844218	-86.939082	55892.62	56233.8	16.22	55908.84	55907.26563	55882.79696	55862.21094	504469.6	5410140.3
L4470.0	504469.6	5410140.3	46220.00000	307.97	0	48.844218	-86.939082	55892.23	56233.8	16.22	55908.45	55906.67578	55880.33356	55859.41406	504469.6	5410140.3
L4470.0	504469.6	5410138.7	46220.00000	307.97	0	48.844204	-86.939082	55891.70	56233.8	16.22	55907.92	55905.94531	55875.43163	55854.17578	504469.6	5410138.7
L4470.0	504469.6	5410137.0	46220.19922	306.86	0	48.844188	-86.939081	55891.38	56233.8	16.21	55907.59	55905.41797	55872.91753	55851.32813	504469.6	5410137.0
L4470.0	504469.6	5410137.0	46220.19922	307.68	0	48.844188	-86.939081	55891.38	56233.8	16.21	55907.59	55905.21875	55874.74428	55852.82422	504469.6	5410137.0
L4470.0	504469.7	5410135.2	46220.39844	308.38	0	48.844172	-86.939081	55891.20	56233.8	16.21	55907.41	55904.83984	55873.63392	55851.38672	504469.7	5410135.2
L4470.0	504469.7	5410133.6	46220.50000	309.60	0	48.844158	-86.939081	55891.30	56233.8	16.21	55907.50	55904.73047	55876.04889	55853.47656	504469.7	5410133.6
L4470.0	504469.7	5410133.6	46220.60156	310.64	0	48.844158	-86.939081	55891.10	56233.8	16.20	55907.30	55904.33203	55873.97084	55851.07422	504469.7	5410133.6
L4470.0	504469.7	5410133.6	46220.69922	310.95	0	48.844158	-86.939081	55890.97	56233.8	16.20	55907.17	55904.00781	55872.58257	55849.36719	504469.7	5410133.6
L4470.0	504469.7	5410131.5	46220.80078	310.10	0	48.844139	-86.939080	55890.94	56233.8	16.20	55907.14	55903.78125	55872.30471	55848.76953	504469.7	5410131.5
L4470.0	504469.8	5410130.2	46220.89844	310.56	0	48.844127	-86.939080	55890.84	56233.8	16.19	55907.03	55903.47656	55870.61237	55846.76563	504469.8	5410130.2
L4470.0	504469.8	5410128.8	46221.00000	308.51	0	48.844115	-86.939079	55891.18	56233.8	16.19	55907.37	55903.62500	55879.68510	55855.52734	504469.8	5410128.8
L4470.0	504469.8	5410127.2	46221.10156	308.59	0	48.844100	-86.939079	55891.15	56233.8	16.19	55907.34	55903.40625	55875.26868	55850.80078	504469.8	5410127.2
L4470.0	504469.8	5410127.2	46221.19922	308.43	0	48.844100	-86.939079	55891.45	56233.8	16.19	55907.64	55903.51563	55879.41439	55854.64453	504469.8	5410127.2
L4470.0	504469.8	5410125.3	46221.30078	308.20	0	48.844083	-86.939079	55891.90	56233.8	16.19	55908.09	55903.77734	55886.49825	55861.42578	504469.8	5410125.3
L4470.0	504469.8	5410125.3	46221.39844	307.23	0	48.844083	-86.939079	55892.16	56233.8	16.19	55908.35	55903.85156	55886.94461	55861.57422	504469.8	5410125.3
L4470.0	504469.8	5410123.9	46221.50000	307.17	0	48.844071	-86.939079	55892.26	56233.8	16.19	55908.44	55903.75781	55881.76951	55856.10547	504469.8	5410123.9
L4470.0	504469.8	5410122.2	46221.60156	306.15	0	48.844056	-86.939079	55892.59	56233.8	16.18	55908.77	55903.90234	55882.25919	55856.30469	504469.8	5410122.2
L4470.0	504469.8	5410120.9	46221.69922	305.36	0	48.844044	-86.939079	55893.12	56233.8	16.18	55909.30	55904.25391	55887.09768	55860.85938	504469.8	5410120.9
L4470.0	504469.8	5410120.9	46221.80078	302.73	0	48.844044	-86.939079	55893.63	56233.8	16.18	55909.81	55904.58594	55890.45484	55863.93359	504469.8	5410120.9
L4470.0	504469.8	5410119.1	46221.89844	301.13	0	48.844028	-86.939079	55894.14	56233.8	16.18	55910.32	55904.92188	55892.95336	55866.15234	504469.8	5410119.1
L4470.0	504469.8	5410117.7	46222.00000	300.13	0	48.844015	-86.939079	55894.41	56233.8	16.18	55910.59	55905.01563	55888.62746	55861.55469	504469.8	5410117.7
L4470.0	504469.8	5410117.7	46222.10156	299.97	0	48.844015	-86.939079	55894.91	56233.8	16.18	55911.09	55905.34766	55889.38528	55862.04297	504469.8	5410117.7
L4470.0	504469.8	5410116.3	46222.19922	300.71	0	48.844003	-86.939079	55895.65	56233.8	16.18	55911.83	55905.91797	55895.38284	55867.77734	504469.8	5410116.3
L4470.0	504469.8	5410114.7	46222.30078	302.40	0	48.843988	-86.939079	55896.25	56233.8	16.18	55912.43	55906.35547	55897.16518	55869.30078	504469.8	5410114.7
L4470.0	504469.8	5410114.7	46222.39844	304.10	0	48.843988	-86.939079	55896.48	56233.8	16.18	55912.66	55906.42188	55888.98434	55860.86328	504469.8	5410114.7
L4470.0	504469.8	5410113.3	46222.50000	308.21	0	48.843976	-86.939079	55896.71	56233.8	16.18	55912.89	55906.49219	55879.94585	55851.57422	504469.8	5410113.3
L4470.0	504469.8	5410112.0	46222.60156	311.86	0	48.843964	-86.939079	55897.50	56233.8	16.17	55913.67	55907.11719	55883.94981	55855.33594	504469.8	5410112.0
L4470.0	504469.8	5410112.0	46222.69922	311.46	0	48.843964	-86.939079	55898.61	56233.8	16.17	55914.79	55908.08203	55896.03401	55867.17578	504469.8	5410112.0
L4470.0	504469.8	5410110.1	46222.80078	310.45	0	48.843946	-86.939079	55899.90	56233.8	16.17	55916.07	55909.21484	55911.88812	55882.79297	504469.8	5410110.1
L4470.0	504469.8	5410108.3	46222.89844	308.52	0	48.843930	-86.939079	55900.28	56233.8	16.17	55916.45	55909.44922	55903.49822	55874.17578	504469.8	5410108.3
L4470.0	504469.8	5410108.3	46223.00000	307.69	0	48.843930	-86.939079	55901.01	56233.8	16.17	55917.18	55910.03516	55903.52398	55873.97656	504469.8	5410108.3

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4470.0	504469.8	5410106.9	46223.10156	308.74	0	48.843918	-86.939079	55901.04	56233.8	16.17	55917.21	55909.92578	55883.42032	55853.65234	504469.8	5410106.9
L4470.0	504469.8	5410105.6	46223.19922	307.67	0	48.843906	-86.939079	55901.79	56233.8	16.17	55917.97	55910.55078	55882.33909	55852.35547	504469.8	5410105.6
L4470.0	504469.8	5410104.2	46223.30078	307.12	0	48.843894	-86.939079	55903.16	56233.8	16.18	55919.34	55911.78906	55897.88051	55867.68750	504469.8	5410104.2
L4470.0	504469.8	5410104.2	46223.39844	306.43	0	48.843894	-86.939079	55904.28	56233.8	16.18	55920.46	55912.78125	55905.88577	55875.48828	504469.8	5410104.2
L4470.0	504469.8	5410102.6	46223.50000	305.81	0	48.843879	-86.939079	55905.34	56233.8	16.18	55921.52	55913.71484	55911.56899	55880.97656	504469.8	5410102.6
L4470.0	504469.9	5410101.3	46223.60156	308.61	0	48.843868	-86.939078	55905.52	56233.8	16.18	55921.70	55913.77344	55890.53262	55859.74609	504469.9	5410101.3
L4470.0	504469.9	5410101.3	46223.69922	308.36	0	48.843868	-86.939078	55906.93	56233.8	16.18	55923.11	55915.06641	55905.12841	55874.15625	504469.9	5410101.3
L4470.0	504469.9	5410099.5	46223.80078	307.87	0	48.843851	-86.939078	55907.44	56233.8	16.19	55923.62	55915.46484	55892.15909	55861.00391	504469.9	5410099.5
L4470.0	504469.9	5410098.1	46223.89844	308.49	0	48.843839	-86.939078	55908.86	56233.8	16.19	55925.04	55916.77734	55905.82689	55874.49609	504469.9	5410098.1
L4470.0	504469.9	5410096.3	46224.00000	311.60	0	48.843823	-86.939078	55909.79	56233.8	16.19	55925.98	55917.61328	55904.36854	55872.86719	504469.9	5410096.3
L4470.0	504469.9	5410096.3	46224.10156	310.13	0	48.843823	-86.939078	55911.06	56233.8	16.19	55927.24	55918.77344	55911.95865	55880.29297	504469.9	5410096.3
L4470.0	504470.0	5410095.0	46224.19922	308.08	0	48.843811	-86.939077	55912.27	56233.8	16.19	55928.45	55919.88672	55910.17475	55878.35156	504470.0	5410095.0
L4470.0	0.0	0.0	46224.30078	307.12	0	48.843795	-86.939077	55913.08	56233.8	16.19	55929.26	55920.60547	55907.81308	55875.83594	504470.0	5410093.3
L4470.0	0.0	0.0	46224.39844	305.94	0	48.843795	-86.939077	55914.22	56233.8	16.19	55930.40	55921.66016	55909.68754	55877.56641	504470.0	5410093.3
L4470.0	0.0	0.0	46224.50000	305.61	0	48.843775	-86.939076	55914.90	56233.8	16.18	55931.08	55922.25781	55905.02463	55872.76172	504470.0	5410091.0
L4470.0	0.0	0.0	46224.60156	305.23	0	48.843775	-86.939076	55916.64	56233.8	16.18	55932.83	55923.92969	55914.84645	55882.44922	504470.0	5410091.0
L4470.0	0.0	0.0	46224.69922	305.87	0	48.843761	-86.939076	55917.25	56233.8	16.18	55933.43	55924.45313	55908.61914	55876.08984	504470.0	5410089.5
L4470.0	0.0	0.0	46224.80078	306.91	0	48.843746	-86.939076	55919.22	56233.8	16.18	55935.40	55926.35547	55921.23023	55888.57813	504470.1	5410087.8
L4470.0	0.0	0.0	46224.89844	306.82	0	48.843746	-86.939076	55919.96	56233.8	16.18	55936.14	55927.03125	55916.58969	55883.82031	504470.1	5410087.8
L4470.0	0.0	0.0	46225.00000	306.61	0	48.843732	-86.939076	55921.35	56233.8	16.18	55937.53	55928.35938	55920.89296	55888.01563	504470.1	5410086.2
L4470.0	0.0	0.0	46225.10156	307.73	0	48.843732	-86.939076	55922.28	56233.8	16.18	55938.46	55929.23438	55918.66269	55885.67969	504470.1	5410086.2
L4470.0	0.0	0.0	46225.19922	307.21	0	48.843714	-86.939076	55923.73	56233.8	16.18	55939.90	55930.62500	55923.44595	55890.36328	504470.1	5410084.2
L4470.0	0.0	0.0	46225.30078	308.01	0	48.843703	-86.939076	55925.20	56233.8	16.18	55941.37	55932.04688	55928.51108	55895.33594	504470.1	5410083.0
L4470.0	0.0	0.0	46225.39844	308.57	0	48.843691	-86.939076	55926.08	56233.8	16.18	55942.25	55932.88281	55925.33543	55892.07031	504470.1	5410081.7
L4470.0	0.0	0.0	46225.50000	308.75	0	48.843691	-86.939076	55927.55	56233.8	16.18	55943.72	55934.31641	55930.16263	55896.82031	504470.1	5410081.7
L4470.0	0.0	0.0	46225.60156	309.52	0	48.843678	-86.939076	55928.48	56233.8	16.17	55944.65	55935.21484	55923.55406	55890.13281	504470.1	5410080.2
L4470.0	0.0	0.0	46225.69922	312.17	0	48.843666	-86.939076	55930.23	56233.8	16.17	55946.40	55936.93750	55939.58136	55906.08984	504470.1	5410078.9
L4470.0	0.0	0.0	46225.80078	310.16	0	48.843666	-86.939076	55931.02	56233.8	16.17	55947.19	55937.70313	55926.57675	55893.02344	504470.1	5410078.9
L4470.0	0.0	0.0	46225.89844	309.59	0	48.843656	-86.939076	55932.71	56233.8	16.17	55948.88	55939.37500	55940.18781	55906.57813	504470.1	5410077.8
L4470.0	0.0	0.0	46226.00000	308.63	0	48.843645	-86.939076	55933.79	56233.8	16.17	55949.96	55940.44141	55935.64908	55901.98828	504470.1	5410076.5
L4470.0	0.0	0.0	46226.10156	308.01	0	48.843628	-86.939076	55935.16	56233.8	16.17	55951.33	55941.80078	55939.52756	55905.82031	504470.1	5410074.7
L4470.0	0.0	0.0	46226.19922	307.83	0	48.843628	-86.939076	55936.53	56233.8	16.17	55952.70	55943.16406	55943.33708	55909.58594	504470.1	5410074.7
L4470.0	0.0	0.0	46226.30078	305.88	0	48.843615	-86.939075	55937.62	56233.8	16.17	55953.79	55944.25391	55939.12910	55905.34375	504470.1	5410073.2
L4470.0	0.0	0.0	46226.39844	303.28	0	48.843599	-86.939075	55939.18	56233.8	16.17	55955.36	55945.82813	55948.67881	55914.86328	504470.1	5410071.5
L4470.0	0.0	0.0	46226.50000	302.84	0	48.843585	-86.939075	55940.04	56233.8	16.18	55956.22	55946.69531	55938.14305	55904.30469	504470.2	5410069.9
L4470.0	0.0	0.0	46226.60156	303.10	0	48.843585	-86.939075	55941.94	56233.8	16.18	55958.11	55948.59766	55956.85159	55922.99609	504470.2	5410069.9
L4470.0	0.0	0.0	46226.69922	303.83	0	48.843574	-86.939075	55943.13	56233.8	16.18	55959.31	55949.81641	55956.16405	55922.29297	504470.2	5410068.7
L4470.0	0.0	0.0	46226.80078	304.25	0	48.843574	-86.939075	55944.44	56233.8	16.18	55960.62	55951.14453	55958.70034	55924.82422	504470.2	5410068.7
L4470.0	0.0	0.0	46226.89844	306.34	0	48.843561	-86.939074	55945.33	56233.8	16.18	55961.51	55952.06250	55949.44104	55915.56250	504470.2	5410067.2
L4470.0	0.0	0.0	46227.00000	306.58	0	48.843552	-86.939074	55946.87	56233.8	16.18	55963.05	55953.63281	55958.67418	55924.80078	504470.2	5410066.2
L4470.0	0.0	0.0	46227.10156	306.55	0	48.843539	-86.939074	55947.98	56233.8	16.18	55964.16	55954.77344	55955.68349	55921.81641	504470.2	5410064.7
L4470.0	0.0	0.0	46227.19922	308.32	0	48.843525	-86.939074	55949.25	56233.8	16.17	55965.42	55956.07422	55956.96596	55923.11328	504470.2	5410063.3
L4470.0	0.0	0.0	46227.30078	310.78	0	48.843525	-86.939074	55950.18	56233.8	16.17	55966.35	55957.04297	55948.42086	55914.58594	504470.2	5410063.3
L4470.0	0.0	0.0	46227.39844	308.73	0	48.843512	-86.939074	55951.50	56233.8	16.16	55967.66	55958.40234	55950.91110	55917.10156	504470.2	5410061.8
L4470.0	0.0	0.0	46227.50000	308.50	0	48.843499	-86.939074	55953.09	56233.8	16.16	55969.25	55960.03906	55960.49341	55926.71094	504470.2	5410060.3
L4470.0	0.0	0.0	46227.60156	309.25	0	48.843499	-86.939074	55954.54	56233.8	16.16	55970.70	55961.54297	55964.29514	55930.54688	504470.2	5410060.3
L4470.0	0.0	0.0	46227.69922	307.67	0	48.843480	-86.939074	55955.95	56233.8	16.15	55972.11	55963.01172	55967.68525	55933.97266	504470.2	5410058.2
L4470.0	0.0	0.0	46227.80078	304.91	0	48.843480	-86.939074	55956.58	56233.9	16.15	55972.73	55963.69531	55959.89015	55926.22266	504470.2	5410058.2
L4470.0	0.0	0.0	46227.89844	305.46	0	48.843472	-86.939074	55958.03	56233.9	16.14	55974.17	55965.19922	55963.85339	55930.23438	504470.2	5410057.3
L4470.0	0.0	0.0	46228.00000	307.08	0	48.843457	-86.939074	55959.32	56233.9	16.14	55975.46	55966.55859	55965.79774	55932.23047	504470.2	5410055.7
L4470.0	0.0	0.0	46228.10156	309.05	0	48.843457	-86.939074	55961.04	56233.9	16.14	55977.18	55968.35156	55974.21967	55940.71094	504470.2	5410055.7
L4470.0	0.0	0.0	46228.19922	312.51	0	48.843444	-86.939074	55962.18	56233.9	16.14	55978.32	55969.56641	55974.23251	55940.78125	504470.2	5410054.3
L4470.0	0.0	0.0	46228.30078	311.58	0	48.843444	-86.939074	55963.44	56233.9	16.14	55979.58	55970.90234	55976.12981	55942.74609	504470.2	5410054.3
L4470.0	0.0	0.0	46228.39844	313.12	0	48.843429	-86.939074	55964.83	56233.9	16.14	55980.97	55972.37500	55980.04563	55946.73047	504470.2	5410052.6
L4470.0	0.0	0.0	46228.50000	312.97	0	48.843417	-86.939074	55965.99	56233.9	16.14	55982.13	55973.62109	55980.69571	55947.45313	504470.3	5410051.2
L4470.0	0.0	0.0	46228.60156	310.46	0	48.843417	-86.939074	55967.08	56233.9	16.14	55983.22	55974.80078	55980.47047	55947.30859	504470.3	5410051.2
L4470.0	0.0	0.0	46228.69922	308.25	0	48.843403	-86.939073	55968.09	56233.9	16.14	55984.23	55975.90234	55979.26840	55946.18750	504470.3	5410049.6
L4470.0	0.0	0.0	46228.80078	309.69	0	48.843392	-86.939073	55969.41	56233.9	16.14	55985.55	55977.31641	55982.60051	55949.60156	504470.3	5410048.4
L4470.0	0.0	0.0	46228.89844	308.86	0	48.843392	-86.939073	55970.37	56233.9	16.14	55986.51	55978.37500	55981.03329	55948.12500	504470.3	5410048.4
L4470.0	0.0	0.0	46229.00000	307.81	0	48.843377	-86.939073	55971.84	56233.9	16.14	55987.98	55979.94531	55986.62328	55953.80859	504470.3	5410046.7
L4470.0	0.0	0.0	46229.10156	307.04	0	48.843377	-86.939073	55973.28	56233.9	16.14	55989.42	55981.48828	55994.63024	55961.91406	504470.3	5410046.7
L4470.0	0.0	0.0	46229.19922	307.14	0	48.843366	-86.939072	55974.75	56233.9	16.14	55990.89	55983.06250	56005.93583	55973.31641	504470.3	5410045.6
L4470.0	0.0	0.0	46229.30078	306.08	0	48.843353	-86.939072	55975.36	56233.9	16.15	55991.50	55983.78125	55992.01443	55959.50000	504470.4	5410044.1
L4470.0	0.0	0.0	46229.39844	305.73	0	48.843353	-86.939072	55976.41	56233.9	16.15	55992.56	55984.94922	55991.91247	55959.50391	504470.4	5410044.1
L4470.0	0.0	0.0	46229.50000	305.30	0	48.843345	-86.939072	55977.45	56233.8	16.15	55993.60	55986.10156	55991.55898	55959.26172	504470.4	5410043.2
L4470.0	0.0	0.0	46229.60156	305.74	0	48.843333	-86.939072	55978.04	56233.8	16.15	55994.19	55986.80859	55978.63525	55946.45313	504470.4	5410041.9
L4470.0	0.0	0.0	46229.69922	306.44	0	48.843324	-86.939072	55979.13	56233.8	16.15	55995.28	55988.01172	55980.32530	55948.25781	504470.4	5410040.9
L4470.0	0.0	0.0	46229.80078	305.13	0	48.843324	-86.939072	55980.72	56233.8	16.16	55996.88	55989.73047	55996.62935	55964.67969	504470.4	5410040.9
L4470.0	0.0	0.0	46229.89844	305.46	0	48.843313	-86.939073	55982.21	56233.8	16.16	55998.37	55991.34375	56010.00699	55978.17969	504470.3	5410039.6
L4470.0	0.0	0.0	46230.00000	305.16	0	48.843305	-86.939073	55982.94	56233.8	16.16	55999.10	55992.19531	56002.14706	55970.44531	504470.3	5410038.8
L4470.0	0.0	0.0	46230.10156	307.63	0	48.843305	-86.939073	55984.11	56233.8	16.16	56000.26	55993.48047	56006.79687	55975.22266	504470.3	5410038.8
L4470.0	0.0	0.0	46230.19922	310.36	0	48.843287	-86.939073	55984.82	56233.8	16.15	56000.97	55994.31641	55998.85331	55967.40625	504470.3	5410036.7
L4470.0	0.0	0.0	46230.30078	309.00	0	48.843287	-86.939073	55985.90	56233.9	16.15	56002.05	55995.52344	56001.92445	55970.60938	504470.3	5410036.7
L4470.0	0.0	0.0	46230.39844	308.24	0	48.843275	-86.939073	55986.56	56233.9	16.14	56002.70	55996.30078	55992.66160	55961.48047	504470.3	5410035.4
L4470.0	0.0	0.0	46230.50000	308.74	0	48.843275	-86.939073	55987.72	56233.9	16.14	56003.86	55997.58984	55999.05027	55968.00391	504470.3	5410035.4
L4470.0	0.0	0.0	46230.60156	308.49	0	48.843266	-86.939073	55988.71	56233.9	16.14	56004.84	55998.70313	56005.67750	55974.76953	504470.3	5410034.4
L4470.0	0.0	0.0	46230.69922	305.98	0	48.843255	-86.939073	55989.67	56233.9	16.13	56005.80	55999.79297	56007.10411	55976.33594	504470.3	5410033.3
L4470.0	0.0	0.0	46230.80078	304.52	0	48.843248	-86.939073	55990.96	56233.9	16.13	56007.09	56001.21875	56013.41917	55982.79297	504470.3	5410032.5
L4470.0	0.0	0.0	46230.89844	303.76	0	48.843248	-86.939073	55992.02	56233.9	16.12	56008.15	56002.41016	56016.75874	55986.27344	504470.3	5410032.5
L4470.0	0.0	0.0	46231.00000	303.63	0	48.843237	-86.939073	55992.91	56233.9	16.12	56009.03	56003.42578	56017.70502	55987.36719	504470.3	5410031.2
L4470.0	0.0	0.0	46231.10156	303.52	0	48.843230	-86.939073	55993.56	56233.9	16.12	56009.68	56004.21484	56015.43752	55985.24609	504470.3	5410030.4
L4470.0	0.0	0.0	46231.19922	305.23	0	48.843220	-86.939073	55994.53	56233.9	16.12	56010.65	56005.32031	56018.02337	55987.97656	504470.3	5410029.3
L4470.0	0.0	0.0	46231.30078	308.99	0	48.843220	-86.939073	55995.01	56233.9	16.12	56011.13	56005.93750	56013.53311	55983.63281	504470.3	5410029.3
L4470.0	0.0	0.0	46231.39844	309.90	0	48.843212	-86.939073	55995.62	56233.9	16.12	56011.74	56006.68359	56011.12879	55981.37891	504470.3	5410028.4
L4470.0	0.0	0.0	46231.50000	311.11	0	48.843203	-86.939073	55996.07	56233.9	16.13	56012.19	56007.27344	56006.54304	55976.94531	504470.3	5410027.4
L4470.0	0.0	0.0	46231.60156	311.22	0	48.843195	-86.939073	55997.03	56233.9	16.13	56013.16	56008.38281	56009.84371	55980.39453	504470.4	5410026.6
L4470.0	0.0	0.0	46231.69922	311.31	0	48.843195	-86.939073	55998.09	56233.9	16.13	56014.22	56009.58203	56014.62688	55985.32813	504470.4	5410026.6
L4470.0	0.0	0.0	46231.80078	309.72	0	48.843184	-86.939072	55999.06	56233.9	16.13	56015.18	56010.67969	56018.08061	55988.93359	504470.4	5410025.3
L4470.0	0.0	0.0	46231.89844	309.83	0	48.843184	-86.939072	55999.91	56233.9	16.13	56016.04	56011.67969	56020.21712	55991.22656	504470.4	5410025.3
L4470.0	0.0	0.0	46232.00000	307.70	0	48.843175	-86.939072	56000.47	56233.9	16.13	56016.60	56012.37891	56018.17138	55989.33203	504470.4	5410024.3
L4470.0	0.0	0.0	46232.10156	307.19	0	48.843168	-86.939072	56001.41	56233.9	16.13	56017.54	56013.45703	56021.76419	55993.07813	504470.4	5410023.6
L4470.0	0.0	0.0	46232.19922	306.19	0	48.843161	-86.939072	56001.89	56233.9	16.13	56018.01	56014.06641	56018.78863	55990.25391	504470.4	5410022.8
L4470.0	0.0	0.0	46232.30078	306.26	0	48.843161	-86.939072	56002.65	56233.9	16.13	56018.78	56014.97656	56020.25372	55991.87109	504470.4	5410022.8

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4470.0	0.0	0.0	46232.39844	303.45	0	48.843154	-86.939072	56003.23	56233.9	16.13	56019.35	56015.68359	56019.05156	55990.82422	504470.4	5410022.0
L4470.0	0.0	0.0	46232.50000	303.39	0	48.843145	-86.939071	56004.16	56233.9	16.13	56020.29	56016.76172	56023.18272	55995.10547	504470.5	5410021.0
L4470.0	0.0	0.0	46232.60156	304.63	0	48.843145	-86.939071	56004.70	56233.9	16.12	56020.82	56017.42969	56021.72857	55993.80469	504470.5	5410021.0
L4470.0	0.0	0.0	46232.69922	305.44	0	48.843138	-86.939071	56005.48	56233.9	16.12	56021.60	56018.34766	56023.90111	55996.12500	504470.5	5410020.2
L4470.0	0.0	0.0	46232.80078	307.23	0	48.843130	-86.939071	56006.32	56233.9	16.12	56022.44	56019.32813	56027.05421	55999.42969	504470.5	5410019.3
L4470.0	0.0	0.0	46232.89844	308.55	0	48.843123	-86.939071	56006.89	56233.9	16.12	56023.02	56020.04297	56026.74715	55999.27344	504470.5	5410018.5
L4470.0	0.0	0.0	46233.00000	309.83	0	48.843123	-86.939071	56007.66	56233.9	16.12	56023.78	56020.94141	56029.11660	56001.79297	504470.5	5410018.5
L4470.0	0.0	0.0	46233.10156	311.38	0	48.843116	-86.939071	56008.26	56233.9	16.12	56024.38	56021.67578	56029.40744	56002.23047	504470.5	5410017.7
L4470.0	0.0	0.0	46233.19922	312.72	0	48.843116	-86.939071	56008.87	56233.9	16.13	56024.99	56022.42188	56029.99577	56002.96484	504470.5	5410017.7
L4470.0	0.0	0.0	46233.30078	309.89	0	48.843109	-86.939071	56009.32	56233.9	16.13	56025.45	56023.01563	56028.53029	56001.64453	504470.5	5410016.9
L4470.0	0.0	0.0	46233.39844	309.47	0	48.843100	-86.939072	56009.93	56233.9	16.13	56026.07	56023.76953	56029.54450	56002.80078	504470.4	5410016.0
L4470.0	0.0	0.0	46233.50000	307.01	0	48.843100	-86.939072	56010.59	56233.9	16.14	56026.72	56024.55078	56031.18981	56004.58984	504470.4	5410016.0
L4470.0	0.0	0.0	46233.60156	306.20	0	48.843091	-86.939072	56011.20	56233.9	16.14	56027.34	56025.30469	56032.55966	56006.10156	504470.4	5410015.0
L4470.0	0.0	0.0	46233.69922	306.12	0	48.843091	-86.939072	56011.88	56233.9	16.14	56028.02	56026.11328	56035.06667	56008.74609	504470.4	5410015.0
L4470.0	0.0	0.0	46233.80078	306.81	0	48.843085	-86.939072	56012.39	56233.9	16.14	56028.53	56026.75391	56035.02493	56008.84375	504470.4	5410014.4
L4470.0	0.0	0.0	46233.89844	308.43	0	48.843079	-86.939072	56013.07	56233.9	16.15	56029.21	56027.56250	56037.89782	56011.85156	504470.4	5410013.6
L4470.0	0.0	0.0	46234.00000	309.98	0	48.843079	-86.939072	56013.40	56233.8	16.15	56029.55	56028.03125	56035.32565	56009.41406	504470.4	5410013.6
L4470.0	0.0	0.0	46234.10156	310.54	0	48.843073	-86.939072	56013.98	56233.9	16.15	56030.12	56028.73047	56036.67808	56010.89844	504470.4	5410013.0
L4470.0	0.0	0.0	46234.19922	313.96	0	48.843067	-86.939073	56014.41	56233.9	16.14	56030.55	56029.28516	56035.85355	56010.20313	504470.4	5410012.3
L4470.0	0.0	0.0	46234.30078	312.74	0	48.843062	-86.939073	56014.94	56233.9	16.14	56031.08	56029.94141	56036.83230	56011.30859	504470.4	5410011.8
L4470.0	0.0	0.0	46234.39844	314.45	0	48.843057	-86.939073	56015.22	56233.9	16.13	56031.35	56030.33594	56033.71470	56008.32031	504470.3	5410011.2
L4470.0	0.0	0.0	46234.50000	313.75	0	48.843057	-86.939073	56015.93	56233.9	16.13	56032.06	56031.16797	56037.91757	56012.64453	504470.3	5410011.2
L4470.0	0.0	0.0	46234.60156	312.97	0	48.843052	-86.939073	56016.36	56233.9	16.13	56032.48	56031.71094	56037.57751	56012.42578	504470.3	5410010.6
L4470.0	0.0	0.0	46234.69922	310.37	0	48.843052	-86.939073	56016.73	56233.9	16.12	56032.86	56032.21094	56036.79867	56011.76563	504470.3	5410010.6
L4470.0	0.0	0.0	46234.80078	311.87	0	48.843046	-86.939073	56017.32	56233.9	16.12	56033.44	56032.91016	56039.26652	56014.34766	504470.3	5410009.9
L4470.0	0.0	0.0	46234.89844	309.88	0	48.843040	-86.939073	56017.68	56233.9	16.11	56033.79	56033.37891	56038.37896	56013.57422	504470.3	5410009.3
L4470.0	0.0	0.0	46235.00000	308.76	0	48.843040	-86.939073	56018.05	56233.9	16.11	56034.16	56033.86719	56037.99234	56013.30078	504470.3	5410009.3
L4470.0	0.0	0.0	46235.10156	307.45	0	48.843036	-86.939073	56018.36	56233.9	16.11	56034.47	56034.29297	56036.93894	56012.35156	504470.3	5410008.8
L4470.0	0.0	0.0	46235.19922	306.34	0	48.843031	-86.939074	56018.98	56233.9	16.12	56035.10	56035.03906	56040.55510	56016.07422	504470.3	5410008.3
L4470.0	0.0	0.0	46235.30078	304.65	0	48.843024	-86.939074	56019.32	56233.9	16.12	56035.44	56035.49609	56040.23228	56015.85156	504470.3	5410007.6
L4470.0	0.0	0.0	46235.39844	304.24	0	48.843024	-86.939074	56019.74	56233.9	16.12	56035.86	56036.02734	56042.64086	56018.36328	504470.3	5410007.6
L4470.0	0.0	0.0	46235.50000	302.77	0	48.843021	-86.939074	56020.00	56233.9	16.13	56036.12	56036.39844	56039.99384	56015.81250	504470.3	5410007.2
L4470.0	0.0	0.0	46235.60156	303.45	0	48.843016	-86.939075	56020.50	56233.9	16.13	56036.63	56037.01953	56044.98173	56020.89453	504470.2	5410006.7
L4470.0	0.0	0.0	46235.69922	302.35	0	48.843011	-86.939075	56020.86	56233.9	16.13	56036.99	56037.49219	56045.86662	56021.86719	504470.2	5410006.1
L4470.0	0.0	0.0	46235.80078	303.30	0	48.843011	-86.939075	56020.91	56233.9	16.13	56037.04	56037.64844	56038.29617	56014.38672	504470.2	5410006.1
L4470.0	0.0	0.0	46235.89844	306.72	0	48.843007	-86.939076	56021.32	56233.9	16.14	56037.45	56038.16797	56041.26020	56017.43359	504470.1	5410005.7
L4470.0	0.0	0.0	46236.00000	308.29	0	48.843003	-86.939076	56021.37	56233.9	16.14	56037.51	56038.33203	56034.64529	56010.90234	504470.1	5410005.2
L4470.0	0.0	0.0	46236.10156	311.60	0	48.843003	-86.939076	56021.59	56233.9	16.14	56037.73	56038.66016	56032.79519	56009.12891	504470.1	5410005.2
L4470.0	0.0	0.0	46236.19922	313.39	0	48.843000	-86.939077	56022.02	56233.9	16.14	56038.16	56039.19531	56037.26423	56013.67188	504470.1	5410004.8
L4470.0	0.0	0.0	46236.30078	314.23	0	48.843000	-86.939077	56022.66	56233.9	16.13	56038.79	56039.92578	56048.12364	56024.60156	504470.1	5410004.8
L4470.0	0.0	0.0	46236.39844	313.71	0	48.842996	-86.939077	56022.76	56233.9	16.13	56038.89	56040.12891	56043.77292	56020.32031	504470.0	5410004.4
L4470.0	0.0	0.0	46236.50000	311.16	0	48.842993	-86.939077	56023.06	56233.9	16.13	56039.19	56040.53125	56045.14807	56021.76172	504470.0	5410004.1
L4470.0	0.0	0.0	46236.60156	309.92	0	48.842989	-86.939078	56023.24	56233.9	16.13	56039.37	56040.81250	56044.84077	56021.51563	504470.0	5410003.7
L4470.0	0.0	0.0	46236.69922	307.49	0	48.842989	-86.939078	56023.54	56233.9	16.13	56039.67	56041.21094	56046.39545	56023.12891	504470.0	5410003.7
L4470.0	0.0	0.0	46236.80078	306.88	0	48.842986	-86.939078	56023.72	56233.9	16.12	56039.84	56041.48047	56046.21587	56023.00391	504469.9	5410003.3
L4470.0	0.0	0.0	46236.89844	307.19	0	48.842983	-86.939079	56023.97	56233.9	16.12	56040.09	56041.82813	56047.36877	56024.21094	504469.9	5410002.9
L4470.0	0.0	0.0	46237.00000	308.54	0	48.842983	-86.939079	56023.99	56233.9	16.12	56040.11	56041.94531	56045.11039	56022.00000	504469.9	5410002.9
L4470.0	0.0	0.0	46237.10156	309.42	0	48.842980	-86.939079	56024.10	56233.9	16.12	56040.22	56042.15234	56044.31822	56021.25391	504469.9	5410002.7
L4470.0	0.0	0.0	46237.19922	309.27	0	48.842979	-86.939080	56024.40	56233.9	16.12	56040.52	56042.54688	56046.64995	56023.62500	504469.8	5410002.5
L4470.0	0.0	0.0	46237.30078	310.71	0	48.842979	-86.939080	56024.76	56233.9	16.12	56040.88	56043.00000	56050.06896	56027.08594	504469.8	5410002.5
L4470.0	0.0	0.0	46237.39844	311.23	0	48.842976	-86.939080	56024.93	56233.9	16.12	56041.05	56043.26563	56050.55633	56027.60547	504469.8	5410002.2
L4470.0	0.0	0.0	46237.50000	311.72	0	48.842974	-86.939081	56024.78	56233.9	16.12	56040.90	56043.20703	56046.09719	56023.17969	504469.8	5410002.0
L4470.0	0.0	0.0	46237.60156	311.01	0	48.842972	-86.939081	56024.98	56233.9	16.12	56041.10	56043.50000	56047.26816	56024.37891	504469.8	5410001.8
L4470.0	0.0	0.0	46237.69922	312.72	0	48.842972	-86.939081	56025.14	56233.9	16.12	56041.26	56043.75000	56047.89016	56025.02344	504469.8	5410001.8
L4470.0	0.0	0.0	46237.80078	311.40	0	48.842971	-86.939081	56025.23	56233.9	16.12	56041.35	56043.92969	56047.53447	56024.69141	504469.7	5410001.6
L4470.0	0.0	0.0	46237.89844	311.26	0	48.842971	-86.939081	56025.16	56233.9	16.12	56041.28	56043.94922	56044.96986	56022.14453	504469.7	5410001.6
L4470.0	0.0	0.0	46238.00000	310.49	0	48.842968	-86.939082	56025.44	56233.9	16.12	56041.56	56044.32031	56047.53473	56024.72656	504469.7	5410001.4
L4470.0	0.0	0.0	46238.10156	309.06	0	48.842967	-86.939082	56025.46	56233.9	16.12	56041.58	56044.42969	56046.49084	56023.69531	504469.7	5410001.2
L4470.0	0.0	0.0	46238.19922	308.41	0	48.842967	-86.939082	56025.54	56233.9	16.12	56041.66	56044.59766	56045.37387	56022.58594	504469.7	5410001.2
L4470.0	0.0	0.0	46238.30078	306.36	0	48.842967	-86.939082	56025.69	56233.9	16.12	56041.81	56044.83594	56048.84818	56026.06250	504469.7	5410001.2
L4470.0	0.0	0.0	46238.39844	305.26	0	48.842966	-86.939082	56025.66	56233.9	16.12	56041.78	56044.89063	56047.50253	56024.72266	504469.7	5410001.1
L4470.0	0.0	0.0	46238.50000	303.48	0	48.842965	-86.939083	56025.64	56233.9	16.11	56041.76	56044.95703	56046.74991	56023.96875	504469.6	5410001.0
L4470.0	0.0	0.0	46238.60156	301.93	0	48.842965	-86.939083	56026.09	56233.9	16.11	56042.21	56045.49609	56057.94584	56035.16016	504469.6	5410001.0
L4470.0	0.0	0.0	46238.69922	301.96	0	48.842965	-86.939083	56026.09	56233.9	16.11	56042.21	56045.58203	56057.53639	56034.74219	504469.6	5410000.9
L4470.0	0.0	0.0	46238.80078	302.71	0	48.842965	-86.939083	56025.11	56233.9	16.11	56041.22	56044.67578	56033.88056	56011.07422	504469.6	5410000.9
L4470.0	0.0	0.0	46238.89844	300.68	0	48.842965	-86.939083	56025.14	56233.9	16.11	56041.25	56044.78906	56034.61227	56011.79297	504469.6	5410000.9
L4470.0	0.0	0.0	46239.00000	300.08	0	48.842965	-86.939083	56024.98	56233.9	16.11	56041.09	56044.71484	56030.69670	56007.86328	504469.6	5410000.9
L4470.0	0.0	0.0	46239.10156	300.15	0	48.842965	-86.939082	56025.21	56233.9	16.11	56041.32	56045.03125	56035.22058	56012.36719	504469.7	5410000.9
L4470.0	0.0	0.0	46239.19922	302.67	0	48.842965	-86.939082	56025.31	56233.9	16.11	56041.42	56045.21484	56036.36171	56013.48438	504469.7	5410000.9
L4470.0	0.0	0.0	46239.30078	302.61	0	48.842964	-86.939082	56025.31	56233.9	16.11	56041.42	56045.29688	56034.75786	56011.85547	504469.7	5410000.9
L4470.0	0.0	0.0	46239.39844	302.27	0	48.842964	-86.939082	56025.74	56233.9	16.11	56041.85	56045.80859	56042.82196	56019.89063	504469.7	5410000.9
L4470.0	0.0	0.0	46239.50000	303.04	0	48.842963	-86.939082	56025.71	56233.9	16.11	56041.82	56045.86328	56039.68308	56016.72266	504469.7	5410000.8
L4470.0	0.0	0.0	46239.60156	305.89	0	48.842963	-86.939082	56026.20	56233.9	16.11	56042.31	56046.43750	56049.35854	56026.36328	504469.7	5410000.8
L4470.0	0.0	0.0	46239.69922	306.07	0	48.842962	-86.939083	56025.99	56233.9	16.11	56042.10	56046.30859	56040.65949	56017.62891	504469.6	5410000.7
L4470.0	0.0	0.0	46239.80078	305.48	0	48.842961	-86.939083	56026.68	56233.9	16.11	56042.79	56047.08203	56056.55196	56033.48047	504469.6	5410000.5
L4470.0	0.0	0.0	46239.89844	306.82	0	48.842961	-86.939083	56026.50	56233.9	16.11	56042.61	56046.98438	56047.77674	56024.66406	504469.6	5410000.5
L4470.0	0.0	0.0	46240.00000	308.64	0	48.842960	-86.939083	56026.81	56233.9	16.11	56042.92	56047.37500	56048.56099	56025.40625	504469.6	5410000.4
L4470.0	0.0	0.0	46240.10156	308.70	0	48.842958	-86.939083	56026.63	56233.9	16.11	56042.74	56047.27734	56044.73716	56021.53516	504469.6	5410000.2
L4470.0	0.0	0.0	46240.19922	309.39	0	48.842957	-86.939083	56026.55	56233.9	16.11	56042.65	56047.26953	56041.81287	56018.55859	504469.6	5410000.1
L4470.0	0.0	0.0	46240.30078	309.54	0	48.842955	-86.939083	56026.75	56233.9	16.11	56042.86	56047.56250	56043.16507	56019.86328	504469.6	5409999.9
L4470.0	0.0	0.0	46240.39844	312.30	0	48.842955	-86.939083	56026.86	56233.9	16.11	56042.96	56047.74219	56042.69062	56019.33594	504469.6	5409999.9
L4470.0	0.0	0.0	46240.50000	311.99	0	48.842954	-86.939083	56027.41	56233.9	16.11	56043.51	56048.37500	56049.17676	56025.76563	504469.6	5409999.7
L4470.0	0.0	0.0	46240.60156	311.36	0	48.842954	-86.939083	56027.06	56233.9	16.10	56043.16	56048.10547	56041.18551	56017.71484	504469.6	5409999.7
L4470.0	0.0	0.0	46240.69922	313.85	0	48.842952	-86.939084	56027.56	56233.9	16.10	56043.66	56048.68750	56046.57808	56023.04688	504469.6	5409999.5
L4470.0	0.0	0.0	46240.80078	315.38	0	48.842950	-86.939084	56027.48	56233.9	16.10	56043.58	56048.69141	56042.50894	56018.91406	504469.6	5409999.3
L4470.0	0.0	0.0	46240.89844	315.83	0	48.842948	-86.939084	56027.89	56233.9	16.10	56043.99	56049.17969	56046.07895	56022.42188	504469.5	5409999.1
L4470.0	0.0	0.0	46241.00000	313.67	0	48.842946	-86.939084	56027.97	56233.9	16.10	56044.07	56049.34375	56044.24486	56020.51953	504469.5	5409998.9
L4470.0	0.0	0.0	46241.10156	311.09	0	48.842946	-86.939084	56028.22	56233.9	16.10	56044.32	56049.67578	56044.92461	56021.13281	504469.5	5409998.9
L4470.0	0.0	0.0	46241.19922	309.27	0	48.842944	-86.939084	56028.34	56233.9	16.10	56044.45	56049.88672	56043.61369	56019.75000	504469.5	5409998.6
L4470.0	0.0	0.0	46241.30078	308.63	0	48.842944	-86.939084	56028.17	56233.9	16.10	56044.27	56049.78906	56037.55724	56013.62500	504469.5	5409998.6
L4470.0	0.0	0.0	46241.39844	307.03	0	48.842940	-86.939084	56028.70	56233.9	16.10	56044.80	56050.39844	56042.05028	56018.04297	504469.5	5409998.2
L4470.0	0.0	0.0	46241.50000	306.30	0	48.842937	-86.939085	56028.52	56233.9	16.10	56044.63	56050.30859	56036.10797	56012.02734	504469.5	5409997.9
L4470.0	0.0	0.0	46241.60156	303.75	0	48.842935	-86.939085	56029.16	56233.9	16.11	56045.27	56051.03125	56041.87285	56017.71484	504469.5	5409997.6

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4470.0	0.0	0.0	46241.69922	302.69	0	48.842935	-86.939085	56029.11	56233.9	16.11	56045.21	56051.05469	56037.47117	56013.23438	504469.5	5409997.6
L4470.0	0.0	0.0	46241.80078	303.83	0	48.842930	-86.939085	56029.86	56233.9	16.11	56045.97	56051.89453	56044.61494	56020.30078	504469.4	5409997.1
L4470.0	0.0	0.0	46241.89844	302.87	0	48.842928	-86.939086	56029.96	56233.9	16.11	56046.07	56052.07813	56042.38673	56017.99219	504469.4	5409996.9
L4470.0	0.0	0.0	46242.00000	303.26	0	48.842924	-86.939086	56030.49	56233.9	16.11	56046.60	56052.68750	56046.09436	56021.61719	504469.4	5409996.4
L4470.0	0.0	0.0	46242.10156	304.00	0	48.842924	-86.939086	56030.57	56233.9	16.11	56046.68	56052.85156	56043.57029	56019.00781	504469.4	5409996.4
L4470.0	0.0	0.0	46242.19922	304.93	0	48.842921	-86.939087	56030.80	56233.9	16.11	56046.91	56053.16406	56043.11876	56018.47266	504469.4	5409996.1
L4470.0	0.0	0.0	46242.30078	308.63	0	48.842917	-86.939087	56031.25	56233.9	16.11	56047.36	56053.69531	56045.67972	56020.94922	504469.3	5409995.7
L4470.0	0.0	0.0	46242.39844	312.66	0	48.842917	-86.939087	56031.31	56233.9	16.11	56047.42	56053.83594	56042.95387	56018.13672	504469.3	5409995.7
L4470.0	0.0	0.0	46242.50000	312.29	0	48.842913	-86.939087	56031.98	56233.9	16.11	56048.09	56054.58984	56048.62269	56023.71875	504469.3	5409995.2
L4470.0	0.0	0.0	46242.60156	316.66	0	48.842908	-86.939088	56032.02	56233.9	16.11	56048.13	56054.71094	56045.73730	56020.74609	504469.3	5409994.7
L4470.0	0.0	0.0	46242.69922	314.48	0	48.842905	-86.939088	56032.72	56233.9	16.11	56048.83	56055.49219	56052.08126	56027.00000	504469.2	5409994.3
L4470.0	0.0	0.0	46242.80078	312.32	0	48.842905	-86.939088	56032.90	56233.9	16.11	56049.01	56055.75391	56051.35023	56026.17969	504469.2	5409994.3
L4470.0	0.0	0.0	46242.89844	310.57	0	48.842899	-86.939089	56033.38	56233.9	16.11	56049.49	56056.31641	56054.94351	56029.68750	504469.2	5409993.7
L4470.0	0.0	0.0	46243.00000	310.16	0	48.842895	-86.939089	56033.61	56233.9	16.11	56049.72	56056.62891	56055.18455	56029.83594	504469.2	5409993.2
L4470.0	0.0	0.0	46243.10156	308.18	0	48.842890	-86.939089	56033.76	56233.9	16.11	56049.87	56056.86328	56054.45806	56029.01953	504469.1	5409992.7
L4470.0	0.0	0.0	46243.19922	308.11	0	48.842890	-86.939089	56034.32	56233.9	16.12	56050.43	56057.50391	56059.56138	56034.03125	504469.1	5409992.7
L4470.0	0.0	0.0	46243.30078	308.51	0	48.842884	-86.939090	56034.67	56233.9	16.12	56050.79	56057.94531	56061.97264	56036.35156	504469.1	5409992.0
L4470.0	0.0	0.0	46243.39844	308.59	0	48.842880	-86.939091	56035.28	56233.9	16.12	56051.40	56058.63672	56063.02855	56037.31641	504469.0	5409991.5
L4470.0	0.0	0.0	46243.50000	306.92	0	48.842880	-86.939091	56035.58	56233.9	16.13	56051.70	56059.01953	56065.07574	56039.27344	504469.0	5409991.5
L4470.0	0.0	0.0	46243.60156	306.92	0	48.842874	-86.939091	56036.32	56233.9	16.13	56052.44	56059.84375	56080.91191	56055.01563	504469.0	5409990.9
L4480.0	504478.1	5410093.6	85505.89844	238.28	43.76	48.843799	-86.938967	55701.53	56290.5	-40.52	55661.01	55809.52344	55724.30348	55809.18750	504478.1	5410093.6
L4480.0	504478.1	5410093.5	85506.00000	238.68	44.65	48.843797	-86.938966	55704.73	56290.5	-40.52	55664.21	55811.07031	55725.35175	55809.41797	504478.1	5410093.5
L4480.0	504478.1	5410093.4	85506.10156	239.47	46.63	48.843796	-86.938966	55706.09	56290.5	-40.52	55665.57	55810.77734	55726.54875	55809.79688	504478.1	5410093.4
L4480.0	504478.1	5410093.3	85506.20313	226.73	46.63	48.843795	-86.938966	55708.49	56290.5	-40.52	55667.98	55811.53516	55727.70200	55810.13672	504478.1	5410093.3
L4480.0	504478.1	5410093.1	85506.29688	225.26	47.59	48.843794	-86.938966	55711.66	56290.5	-40.51	55671.14	55813.04297	55728.83165	55810.44922	504478.1	5410093.1
L4480.0	504478.1	5410093.1	85506.39844	223.37	51.33	48.843794	-86.938966	55714.18	56290.5	-40.51	55673.67	55813.92578	55730.02983	55810.83203	504478.1	5410093.1
L4480.0	504478.1	5410092.9	85506.50000	227.49	51.33	48.843792	-86.938966	55714.21	56290.5	-40.51	55673.70	55812.30859	55731.42133	55811.41016	504478.1	5410092.9
L4480.0	504478.1	5410092.7	85506.60156	226.21	51.27	48.843790	-86.938966	55716.48	56290.5	-40.51	55675.98	55812.94141	55732.68958	55811.86719	504478.1	5410092.7
L4480.0	504478.1	5410092.6	85506.60156	226.21	51.27	48.843789	-86.938966	55718.96	56290.5	-40.51	55678.46	55813.77734	55733.97132	55812.33984	504478.1	5410092.6
L4480.0	504478.1	5410092.4	85506.79688	228.38	51.13	48.843787	-86.938966	55720.96	56290.5	-40.50	55680.45	55814.12891	55735.31261	55812.87500	504478.1	5410092.4
L4480.0	504478.1	5410092.2	85506.89844	229.04	51.28	48.843786	-86.938966	55722.23	56290.5	-40.50	55681.73	55813.77344	55736.72817	55813.48828	504478.1	5410092.2
L4480.0	504478.1	5410092.0	85507.00000	229.53	51.28	48.843784	-86.938966	55722.84	56290.5	-40.50	55682.34	55812.75000	55738.21535	55814.17188	504478.1	5410092.0
L4480.0	504478.1	5410091.8	85507.10156	229.62	51.3	48.843782	-86.938966	55724.61	56290.5	-40.51	55684.11	55812.89063	55739.65217	55814.81250	504478.1	5410091.8
L4480.0	504478.1	5410091.8	85507.20313	228.67	51.29	48.843782	-86.938966	55725.87	56290.5	-40.51	55685.36	55812.51953	55741.15062	55815.51563	504478.1	5410091.8
L4480.0	504478.2	5410091.5	85507.29688	228.12	51.29	48.843779	-86.938965	55727.49	56290.5	-40.52	55686.97	55812.50781	55742.65202	55816.22656	504478.2	5410091.5
L4480.0	504478.2	5410091.2	85507.39844	229.84	51.24	48.843777	-86.938965	55729.23	56290.5	-40.53	55688.71	55812.63672	55744.17165	55816.96094	504478.2	5410091.2
L4480.0	504478.2	5410091.1	85507.50000	229.95	51.37	48.843775	-86.938965	55731.59	56290.5	-40.54	55691.05	55813.36719	55745.67813	55817.68359	504478.2	5410091.1
L4480.0	504478.2	5410091.1	85507.60156	228.17	51.37	48.843775	-86.938965	55733.84	56290.5	-40.54	55693.30	55814.01563	55747.21739	55818.44531	504478.2	5410091.1
L4480.0	504478.2	5410090.7	85507.70313	226.95	51.37	48.843772	-86.938964	55735.75	56290.5	-40.55	55695.21	55814.32813	55748.80600	55819.26172	504478.2	5410090.7
L4480.0	504478.3	5410090.4	85507.79688	227.27	50.86	48.843770	-86.938964	55737.24	56290.6	-40.56	55696.68	55814.21094	55750.45054	55820.13672	504478.3	5410090.4
L4480.0	504478.3	5410090.1	85507.89844	226.09	50.96	48.843767	-86.938963	55740.82	56290.6	-40.56	55700.26	55816.20703	55751.98087	55820.90625	504478.3	5410090.1
L4480.0	504478.3	5410090.1	85508.00000	225.71	50.96	48.843767	-86.938963	55740.24	56290.6	-40.57	55699.67	55814.04297	55753.81553	55821.98438	504478.3	5410090.1
L4480.0	504478.4	5410089.7	85508.10156	226.21	51.62	48.843763	-86.938962	55743.04	56290.6	-40.57	55702.48	55815.28516	55755.44968	55822.86719	504478.4	5410089.7
L4480.0	504478.5	5410089.3	85508.20313	225.16	51.62	48.843760	-86.938961	55746.23	56290.6	-40.56	55705.67	55816.91406	55757.08447	55823.75391	504478.5	5410089.3
L4480.0	504478.5	5410089.0	85508.29688	225.51	51.19	48.843757	-86.938960	55748.36	56290.6	-40.56	55707.80	55817.49219	55758.81572	55824.74609	504478.5	5410089.0
L4480.0	504478.6	5410088.6	85508.39844	239.00	51.19	48.843753	-86.938960	55752.00	56290.6	-40.55	55711.44	55819.58984	55760.47187	55825.67188	504478.6	5410088.6
L4480.0	504478.6	5410088.6	85508.50000	239.81	50.93	48.843753	-86.938960	55753.37	56290.6	-40.55	55712.82	55819.43750	55762.30400	55826.77734	504478.6	5410088.6
L4480.0	504478.7	5410088.2	85508.60156	239.41	51.04	48.843750	-86.938959	55757.44	56290.5	-40.55	55716.89	55821.98047	55763.98185	55827.73828	504478.7	5410088.2
L4480.0	504478.7	5410087.7	85508.60156	239.41	51.04	48.843745	-86.938958	55760.45	56290.5	-40.55	55719.90	55823.47656	55765.75515	55828.79688	504478.7	5410087.7
L4480.0	504478.7	5410087.7	85508.79688	237.97	51.39	48.843745	-86.938958	55760.20	56290.5	-40.54	55719.67	55821.73828	55767.76892	55830.10547	504478.7	5410087.7
L4480.0	504478.8	5410087.2	85508.89844	239.39	51.42	48.843741	-86.938957	55763.94	56290.5	-40.53	55723.40	55823.97266	55769.54283	55831.18359	504478.8	5410087.2
L4480.0	504478.8	5410086.9	85509.00000	241.15	51.42	48.843738	-86.938957	55768.64	56290.5	-40.53	55728.11	55827.19922	55771.27520	55832.22656	504478.8	5410086.9
L4480.0	504478.9	5410086.5	85509.10156	242.31	51.51	48.843734	-86.938956	55771.56	56290.5	-40.53	55731.03	55828.64063	55773.15032	55833.41797	504478.9	5410086.5
L4480.0	504478.9	5410085.9	85509.20313	243.40	51.51	48.843729	-86.938955	55774.54	56290.5	-40.53	55734.01	55830.15625	55775.04446	55834.64063	504478.9	5410085.9
L4480.0	504478.9	5410085.9	85509.29688	242.26	51.34	48.843729	-86.938955	55778.19	56290.5	-40.53	55737.66	55832.35156	55776.91654	55835.84766	504478.9	5410085.9
L4480.0	504479.0	5410085.5	85509.39844	239.96	48.74	48.843725	-86.938955	55780.84	56290.5	-40.53	55740.31	55833.55859	55778.87746	55837.14844	504479.0	5410085.5
L4480.0	504479.0	5410084.9	85509.50000	237.38	48.74	48.843720	-86.938954	55784.13	56290.5	-40.53	55743.60	55835.41797	55780.81743	55838.44141	504479.0	5410084.9
L4480.0	504479.0	5410084.5	85509.60156	239.38	51.54	48.843716	-86.938954	55786.60	56290.5	-40.53	55746.07	55836.46875	55782.83328	55839.81641	504479.0	5410084.5
L4480.0	504479.1	5410083.9	85509.70313	241.29	51.54	48.843711	-86.938953	55790.88	56290.5	-40.53	55750.35	55839.33984	55784.74920	55841.09766	504479.1	5410083.9
L4480.0	504479.1	5410083.9	85509.79688	239.73	51.51	48.843711	-86.938953	55793.15	56290.5	-40.53	55752.62	55840.21094	55786.81931	55842.54297	504479.1	5410083.9
L4480.0	504479.2	5410082.9	85509.89844	239.99	50.08	48.843701	-86.938952	55797.10	56290.5	-40.53	55756.57	55842.77734	55788.79708	55843.90625	504479.2	5410082.9
L4480.0	504479.2	5410082.9	85510.00000	237.99	50.08	48.843701	-86.938952	55801.84	56290.5	-40.53	55761.31	55846.14453	55790.74128	55845.24609	504479.2	5410082.9
L4480.0	504479.2	5410082.3	85510.10156	238.28	51.62	48.843696	-86.938951	55805.02	56290.5	-40.53	55764.49	55847.96484	55792.80800	55846.71484	504479.2	5410082.3
L4480.0	504479.2	5410081.8	85510.20313	239.47	51.62	48.843692	-86.938951	55809.24	56290.5	-40.54	55768.70	55850.82813	55794.82396	55848.14063	504479.2	5410081.8
L4480.0	504479.2	5410081.8	85510.29688	238.27	47.74	48.843692	-86.938951	55811.70	56290.5	-40.54	55771.16	55851.95313	55796.97388	55849.71094	504479.2	5410081.8
L4480.0	504479.3	5410080.9	85510.39844	240.26	52	48.843684	-86.938950	55815.32	56290.5	-40.54	55774.78	55854.25391	55799.06313	55851.23047	504479.3	5410080.9
L4480.0	504479.3	5410080.3	85510.50000	240.57	52	48.843678	-86.938950	55819.71	56290.5	-40.54	55779.16	55857.32422	55801.11773	55852.72656	504479.3	5410080.3
L4480.0	504479.4	5410079.6	85510.60156	238.03	52.14	48.843673	-86.938949	55825.23	56290.5	-40.55	55784.68	55861.54688	55803.11168	55854.16797	504479.4	5410079.6
L4480.0	504479.4	5410079.6	85510.60156	238.03	46.46	48.843673	-86.938949	55829.16	56290.5	-40.55	55788.61	55864.19531	55805.22630	55855.73828	504479.4	5410079.6
L4480.0	504479.4	5410079.0	85510.79688	237.92	46.46	48.843666	-86.938949	55829.90	56290.6	-40.55	55789.35	55863.66797	55807.56757	55857.54688	504479.4	5410079.0
L4480.0	504479.4	5410078.3	85510.89844	236.58	43.11	48.843661	-86.938948	55833.98	56290.6	-40.56	55793.42	55866.48047	55809.70012	55859.15234	504479.4	5410078.3
L4480.0	504479.4	5410077.7	85511.00000	236.60	43.11	48.843655	-86.938948	55839.63	56290.6	-40.56	55799.07	55870.89063	55811.73990	55860.67969	504479.4	5410077.7
L4480.0	504479.5	5410076.9	85511.10156	236.43	43.65	48.843648	-86.938948	55844.56	56290.6	-40.56	55804.00	55874.58984	55813.83953	55862.27344	504479.5	5410076.9
L4480.0	504479.5	5410076.9	85511.20313	237.48	43.65	48.843648	-86.938948	55848.98	56290.6	-40.56	55808.41	55877.78516	55815.98494	55863.92188	504479.5	5410076.9
L4480.0	504479.5	5410076.2	85511.29688	238.16	44.47	48.843641	-86.938947	55852.34	56290.6	-40.57	55811.78	55879.95313	55818.21007	55865.65625	504479.5	5410076.2
L4480.0	504479.5	5410075.4	85511.39844	239.80	45.44	48.843634	-86.938947	55857.02	56290.6	-40.57	55816.46	55883.44531	55820.35750	55867.32422	504479.5	5410075.4
L4480.0	504479.5	5410074.8	85511.50000	238.79	45.44	48.843629	-86.938947	55861.81	56290.6	-40.57	55821.24	55887.05078	55822.50715	55869.00391	504479.5	5410074.8
L4480.0	504479.5	5410074.0	85511.60156	238.43	41.64	48.843622	-86.938947	55864.56	56290.6	-40.57	55823.99	55888.64063	55824.80028	55870.83984	504479.5	5410074.0
L4480.0	504479.5	5410073.2	85511.70313	238.08	41.64	48.843615	-86.938947	55869.29	56290.6	-40.57	55828.72	55892.22656	55826.96879	55872.55469	504479.5	5410073.2
L4480.0	504479.6	5410072.5	85511.79688	238.61	43.17	48.843608	-86.938947	55873.21	56290.6	-40.58	55832.64	55895.01563	55829.19794	55874.33984	504479.6	5410072.5
L4480.0	504479.6	5410072.5	85511.89844	237.83	43.17	48.843608	-86.938947	55875.82	56290.6	-40.58	55835.24	55896.49609	55831.52098	55876.23047	504479.6	5410072.5
L4480.0	504479.6	5410071.7	85512.00000	237.30	45.32	48.843601	-86.938947	55881.58	56290.6	-40.58	55841.00	55901.15234	55833.63848	55877.92188	504479.6	5410071.7
L4480.0	504479.6	5410071.0	85512.10156	239.50	45.32	48.843595	-86.938947	55886.09	56290.6	-40.58	55845.51	55904.57031	55835.84371	55879.71094	504479.6	5410071.0
L4480.0	504479.6	5410070.2	85512.20313	238.99	46.04	48.843588	-86.938947	55890.09	56290.6	-40.58	55849.50	55907.48438	55838.08724	55881.54297	504479.6	5410070.2
L4480.0	504479.6	5410069.5	85512.29688	237.38	46.65	48.843582	-86.938947	55895.37	56290.6	-40.58	55854.79	55911.71094	55840.24701	55883.30469	504479.6	5410069.5
L4480.0	504479.5	5410068.5	85512.39844	238.11	48.93	48.843573	-86.938947	55898.26	56290.6	-40.58	55857.67	55913.53906	55842.56962	55885.23438	504479.5	5410068.5
L4480.0	504479.5	5410067.9	85512.50000	237.95	48.93	48.843567	-86.938947	55901.41	56290.6	-40.58	55860.83	55915.66406	55844.87500	55887.15625	504479.5	5410067.9
L4480.0	504479.5	5410067.0	85512.60156	225.52	50.52	48.843559	-86.938947	55907.04	56290.6	-40.59	55866.45	55920.26172	55847.01712	55888.92188	504479.5	5410067.0
L4480.0	504479.5	5410067.0	85512.60156	225.52	50.52	48.843559	-86.938947	55910.47	56290.6	-40.59	55869.89	55922.69531	55849.30458	55890.84375	504479.5	5410067.0
L4480.0	504479.5	5410065.6	85512.79688	223.97	53.72	48.843546	-86.938947	55914.88	56290.6	-40.59	55874.29	55926.10156	55851.52737	55892.70313	504479.5	5410065.6
L4480.0	504479.5	5410065.6	85512.89844	224.05	50.16	48.843546	-86.938947	55918.74	56290.6	-40.59	55878.15	55928.98047	55853.78479	55894.60938	504479.5	5410065.6
L4480.0	504479.5	5410064.2	85513.00000	224.53	53.33	48.843534	-86.938947	55923.17	56290.6	-40.59	55882.58	55932.44141	55856.00216	55896.48047	504479.5	5410064.2
L4480.0	504479.5	5410063.3	85513.10156	237.29	53.33	48.843526	-86.938947	55927.42	56290.6	-40.59	55886.83	55935.73828	55858.22883	55898.37109	504479.5	5410063.3

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4480.0	504479.5	5410063.3	85513.20313	237.97	53.29	48.843526	-86.938947	55930.94	56290.6	-40.59	55890.34	55938.30469	55860.50146	55900.31250	504479.5	5410063.3
L4480.0	504479.5	5410062.4	85513.29688	239.30	53.29	48.843517	-86.938947	55935.64	56290.6	-40.60	55895.05	55942.08984	55862.69009	55902.17969	504479.5	5410062.4
L4480.0	504479.5	5410062.4	85513.39844	238.76	51.89	48.843517	-86.938947	55937.89	56290.6	-40.60	55897.30	55943.42578	55865.03809	55904.21094	504479.5	5410062.4
L4480.0	504479.5	5410061.4	85513.50000	239.39	51.89	48.843508	-86.938947	55943.31	56290.6	-40.60	55902.71	55947.93359	55867.17019	55906.03125	504479.5	5410061.4
L4480.0	504479.5	5410060.5	85513.60156	239.98	48.73	48.843500	-86.938948	55945.78	56290.6	-40.60	55905.18	55949.51563	55869.49245	55908.05078	504479.5	5410060.5
L4480.0	504479.5	5410059.6	85513.70313	241.47	44.95	48.843493	-86.938948	55950.06	56290.6	-40.60	55909.46	55952.91797	55871.68763	55909.94922	504479.5	5410059.6
L4480.0	504479.5	5410058.7	85513.79688	240.82	40.34	48.843484	-86.938948	55954.76	56290.6	-40.61	55914.16	55956.75391	55873.84783	55911.81641	504479.5	5410058.7
L4480.0	504479.5	5410057.7	85513.89844	241.47	40.77	48.843475	-86.938948	55958.56	56290.6	-40.61	55917.95	55959.69531	55876.06116	55913.74609	504479.5	5410057.7
L4480.0	504479.5	5410056.7	85514.00000	243.37	44.1	48.843466	-86.938948	55961.92	56290.6	-40.61	55921.31	55962.21875	55878.29509	55915.69922	504479.5	5410056.7
L4480.0	504479.5	5410056.7	85514.10156	242.92	44.1	48.843466	-86.938948	55965.08	56290.6	-40.61	55924.47	55964.55078	55880.53377	55917.66406	504479.5	5410056.7
L4480.0	504479.5	5410055.6	85514.20313	241.93	48.06	48.843456	-86.938948	55969.03	56290.6	-40.61	55928.42	55967.68750	55882.71069	55919.57422	504479.5	5410055.6
L4480.0	504479.5	5410054.6	85514.29688	242.72	40.69	48.843447	-86.938948	55973.13	56290.6	-40.61	55932.52	55970.98828	55884.86805	55921.46875	504479.5	5410054.6
L4480.0	504479.5	5410053.6	85514.39844	241.36	40.69	48.843438	-86.938948	55976.29	56290.6	-40.61	55935.68	55973.35938	55887.07803	55923.42188	504479.5	5410053.6
L4480.0	504479.4	5410052.5	85514.50000	243.24	40.21	48.843429	-86.938948	55978.97	56290.6	-40.61	55938.36	55975.26563	55889.30951	55925.39844	504479.4	5410052.5
L4480.0	504479.4	5410052.5	85514.60156	242.46	37.37	48.843429	-86.938948	55981.98	56290.6	-40.61	55941.37	55977.50781	55891.50806	55927.34766	504479.4	5410052.5
L4480.0	504479.4	5410051.5	85514.60156	242.46	39.51	48.843419	-86.938949	55986.38	56290.6	-40.61	55945.77	55981.15625	55893.60259	55929.19922	504479.4	5410051.5
L4480.0	504479.4	5410050.4	85514.79688	240.22	39.3	48.843410	-86.938949	55990.13	56290.6	-40.61	55949.52	55984.16406	55895.72871	55931.08594	504479.4	5410050.4
L4480.0	504479.4	5410049.4	85514.89844	240.10	38.93	48.843401	-86.938949	55993.36	56290.6	-40.61	55952.75	55986.66406	55897.87734	55933.00000	504479.4	5410049.4
L4480.0	504479.4	5410048.4	85515.00000	240.42	38.93	48.843391	-86.938949	55997.23	56290.6	-40.61	55956.62	55989.81641	55899.97080	55934.85938	504479.4	5410048.4
L4480.0	504479.3	5410047.3	85515.10156	239.77	39.87	48.843382	-86.938950	56000.83	56290.6	-40.61	55960.22	55992.70703	55902.06938	55936.73047	504479.3	5410047.3
L4480.0	504479.3	5410047.3	85515.20313	239.98	37.56	48.843382	-86.938950	56003.68	56290.6	-40.61	55963.07	55994.85938	55904.20476	55938.64063	504479.3	5410047.3
L4480.0	504479.3	5410046.3	85515.29688	226.79	37.56	48.843372	-86.938950	56006.97	56290.6	-40.62	55966.35	55997.45313	55906.29794	55940.51172	504479.3	5410046.3
L4480.0	504479.3	5410045.0	85515.39844	226.24	36.75	48.843361	-86.938950	56009.02	56290.6	-40.62	55968.40	55998.82813	55908.45928	55942.45703	504479.3	5410045.0
L4480.0	504479.3	5410045.0	85515.50000	239.72	39.9	48.843361	-86.938950	56011.68	56290.6	-40.62	55971.06	56000.82422	55910.56582	55944.34766	504479.3	5410045.0
L4480.0	504479.3	5410043.6	85515.60156	236.92	41.21	48.843348	-86.938951	56015.54	56290.6	-40.62	55974.92	56004.03125	55912.57795	55946.14844	504479.3	5410043.6
L4480.0	504479.2	5410042.7	85515.70313	237.62	41.21	48.843340	-86.938951	56019.34	56290.6	-40.62	55978.72	56007.18750	55914.57941	55947.93750	504479.2	5410042.7
L4480.0	504479.2	5410041.9	85515.79688	238.55	39.96	48.843333	-86.938952	56021.92	56290.6	-40.63	55981.29	56009.12500	55916.64794	55949.80078	504479.2	5410041.9
L4480.0	504479.2	5410041.0	85515.89844	237.99	40.43	48.843325	-86.938952	56024.70	56290.6	-40.63	55984.08	56011.29297	55918.68666	55951.63281	504479.2	5410041.0
L4480.0	504479.2	5410039.9	85516.00000	239.32	40.43	48.843315	-86.938952	56028.65	56290.6	-40.63	55988.02	56014.61719	55920.63333	55953.37500	504479.2	5410039.9
L4480.0	504479.2	5410038.8	85516.10156	238.82	43.16	48.843306	-86.938952	56030.70	56290.6	-40.63	55990.07	56016.06641	55922.69043	55955.23438	504479.2	5410038.8
L4480.0	504479.1	5410037.9	85516.20313	238.78	47.37	48.843297	-86.938953	56034.34	56290.6	-40.63	55993.71	56019.10938	55924.62575	55956.96875	504479.1	5410037.9
L4480.0	504479.1	5410037.0	85516.29688	237.86	47.37	48.843289	-86.938953	56036.16	56290.6	-40.63	55995.54	56020.35938	55926.66579	55958.80859	504479.1	5410037.0
L4480.0	504479.1	5410035.9	85516.39844	240.08	46.8	48.843279	-86.938954	56039.20	56290.6	-40.63	55998.57	56022.81250	55928.60972	55960.55859	504479.1	5410035.9
L4480.0	504479.1	5410035.9	85516.50000	240.76	37.21	48.843279	-86.938954	56041.73	56290.6	-40.63	56001.11	56024.78906	55930.57004	55962.32422	504479.1	5410035.9
L4480.0	504479.1	5410035.0	85516.60156	238.57	37.21	48.843271	-86.938954	56045.37	56290.6	-40.62	56004.74	56027.86328	55932.44129	55964.00000	504479.1	5410035.0
L4480.0	504479.0	5410033.6	85516.60156	238.57	36.12	48.843258	-86.938954	56048.61	56290.6	-40.62	56007.98	56030.55469	55934.32199	55965.68750	504479.0	5410033.6
L4480.0	504479.0	5410032.3	85516.79688	237.00	36.12	48.843246	-86.938955	56047.80	56290.6	-40.62	56007.17	56029.20703	55936.45603	55967.62891	504479.0	5410032.3
L4480.0	504478.9	5410031.2	85516.89844	235.91	42.94	48.843236	-86.938955	56052.13	56290.6	-40.62	56011.50	56033.00781	55938.23062	55969.21094	504478.9	5410031.2
L4480.0	504478.9	5410031.2	85517.00000	237.29	47.13	48.843236	-86.938955	56055.03	56290.6	-40.62	56014.41	56035.39844	55940.08302	55970.87109	504478.9	5410031.2
L4480.0	504478.9	5410030.2	85517.10156	227.06	38.03	48.843228	-86.938956	56058.12	56290.6	-40.62	56017.50	56037.97656	55941.90644	55972.50391	504478.9	5410030.2
L4480.0	504478.9	5410029.0	85517.20313	225.65	37.83	48.843217	-86.938956	56059.91	56290.6	-40.62	56019.29	56039.26563	55943.79949	55974.20703	504478.9	5410029.0
L4480.0	504478.9	5410028.3	85517.29688	223.41	39.32	48.843210	-86.938957	56061.08	56290.6	-40.62	56020.46	56039.94141	55945.71675	55975.93359	504478.9	5410028.3
L4480.0	504478.8	5410027.3	85517.39844	224.89	39.32	48.843202	-86.938957	56064.56	56290.6	-40.62	56023.94	56042.93359	55947.46283	55977.49219	504478.8	5410027.3
L4480.0	504478.8	5410026.2	85517.50000	237.51	43.3	48.843191	-86.938957	56065.48	56290.6	-40.63	56024.85	56043.36719	55949.36299	55979.19922	504478.8	5410026.2
L4480.0	504478.8	5410024.8	85517.60156	236.80	38.69	48.843179	-86.938958	56069.61	56290.6	-40.63	56028.98	56047.02734	55951.03119	55980.67969	504478.8	5410024.8
L4480.0	504478.8	5410024.8	85517.70313	237.97	38.69	48.843179	-86.938958	56071.20	56290.6	-40.63	56030.57	56048.15625	55952.85138	55982.30859	504478.8	5410024.8
L4480.0	504478.8	5410023.4	85517.79688	237.08	43.94	48.843167	-86.938958	56074.58	56290.6	-40.63	56033.95	56051.08203	55954.53486	55983.80078	504478.8	5410023.4
L4480.0	504478.8	5410023.4	85517.89844	238.01	36.48	48.843167	-86.938958	56074.69	56290.6	-40.63	56034.06	56050.74609	55956.41891	55985.49219	504478.8	5410023.4
L4480.0	504478.7	5410021.7	85518.00000	237.08	36.11	48.843151	-86.938958	56078.50	56290.6	-40.63	56037.87	56054.11719	55958.03885	55986.92188	504478.7	5410021.7
L4480.0	504478.7	5410020.5	85518.10156	237.62	41.53	48.843141	-86.938958	56080.68	56290.6	-40.63	56040.06	56055.87891	55959.74932	55988.44141	504478.7	5410020.5
L4480.0	504478.7	5410019.3	85518.20313	235.83	41.53	48.843130	-86.938959	56083.32	56290.6	-40.62	56042.69	56058.08594	55961.41296	55989.91016	504478.7	5410019.3
L4480.0	504478.7	5410018.1	85518.29688	236.80	46.23	48.843119	-86.938959	56084.75	56290.6	-40.62	56044.13	56059.10938	55963.13842	55991.44141	504478.7	5410018.1
L4480.0	504478.7	5410017.2	85518.39844	238.02	46.23	48.843111	-86.938959	56087.26	56290.6	-40.62	56046.64	56061.21484	55964.77503	55992.88672	504478.7	5410017.2
L4480.0	504478.7	5410016.0	85518.50000	237.31	45.16	48.843100	-86.938959	56089.43	56290.6	-40.61	56048.82	56062.99609	55966.41610	55994.33203	504478.7	5410016.0
L4480.0	504478.7	5410014.9	85518.60156	235.56	49.18	48.843090	-86.938960	56090.54	56290.6	-40.61	56049.93	56063.71094	55968.11095	55995.83203	504478.7	5410014.9
L4480.0	504478.7	5410014.9	85518.60156	235.56	49.21	48.843090	-86.938960	56092.39	56290.6	-40.61	56051.78	56065.17578	55969.73893	55997.26172	504478.7	5410014.9
L4480.0	504478.6	5410013.8	85518.79688	236.30	49.21	48.843080	-86.938960	56096.55	56290.6	-40.61	56055.94	56068.95703	55971.19536	55998.51953	504478.6	5410013.8
L4480.0	504478.6	5410012.6	85518.89844	237.12	48.48	48.843070	-86.938960	56096.84	56290.6	-40.60	56056.24	56068.88672	55972.89158	56000.01953	504478.6	5410012.6
L4480.0	504478.6	5410011.6	85519.00000	237.06	50.4	48.843060	-86.938960	56097.53	56290.6	-40.60	56056.93	56069.21484	55974.54425	56001.47266	504478.6	5410011.6
L4480.0	504478.6	5410010.4	85519.10156	235.38	50.75	48.843050	-86.938961	56101.09	56290.6	-40.60	56060.48	56072.41016	55975.98871	56002.71484	504478.6	5410010.4
L4480.0	504478.6	5410009.0	85519.20313	238.86	50.75	48.843037	-86.938961	56104.08	56290.6	-40.61	56063.47	56075.05078	55977.45297	56003.98047	504478.6	5410009.0
L4480.0	504478.6	5410009.0	85519.29688	240.17	50.79	48.843037	-86.938961	56103.68	56290.6	-40.61	56063.07	56074.30859	55979.12570	56005.44922	504478.6	5410009.0
L4480.0	504478.5	5410007.8	85519.39844	239.45	51	48.843026	-86.938961	56105.92	56290.6	-40.62	56065.31	56076.21094	55980.60491	56006.72656	504478.5	5410007.8
L4480.0	504478.5	5410006.3	85519.50000	238.56	51	48.843013	-86.938962	56108.28	56290.6	-40.62	56067.66	56078.23438	55982.05928	56007.97656	504478.5	5410006.3
L4480.0	504478.5	5410006.3	85519.60156	236.70	50.59	48.843013	-86.938962	56110.83	56290.6	-40.62	56070.21	56080.46094	55983.48282	56009.19531	504478.5	5410006.3
L4480.0	504478.5	5410005.1	85519.70313	235.28	39.63	48.843002	-86.938962	56113.28	56290.6	-40.63	56072.65	56082.58594	55984.89621	56010.40234	504478.5	5410005.1
L4480.0	504478.4	5410003.8	85519.79688	234.95	38.53	48.842991	-86.938963	56115.18	56290.6	-40.63	56074.55	56084.17969	55986.32814	56011.62891	504478.4	5410003.8
L4480.0	504478.4	5410002.6	85519.89844	235.01	38.53	48.842980	-86.938963	56114.35	56290.6	-40.64	56073.71	56083.03906	55987.92527	56013.01953	504478.4	5410002.6
L4480.0	504478.4	5410001.3	85520.00000	234.43	36.53	48.842968	-86.938963	56115.94	56290.6	-40.64	56075.30	56084.33594	55989.34296	56014.22656	504478.4	5410001.3
L4480.0	504478.4	5410000.4	85520.10156	236.36	37.81	48.842959	-86.938963	56119.11	56290.6	-40.64	56078.47	56087.21484	55990.63789	56015.31250	504478.4	5410000.4
L4480.0	504478.4	5409999.5	85520.20313	236.17	37.81	48.842952	-86.938964	56120.96	56290.6	-40.64	56080.32	56088.78516	55992.00341	56016.46875	504478.4	5409999.5
L4480.0	504478.4	5409998.3	85520.29688	237.91	38.81	48.842941	-86.938964	56122.90	56290.6	-40.64	56082.26	56090.45313	55993.34554	56017.59766	504478.4	5409998.3
L4480.0	504478.3	5409997.4	85520.39844	238.47	39.22	48.842933	-86.938964	56125.30	56290.6	-40.64	56084.65	56092.57422	55994.64029	56018.68359	504478.3	5409997.4
L4480.0	504478.3	5409997.4	85520.50000	238.65	36.36	48.842933	-86.938964	56125.74	56290.6	-40.64	56085.09	56092.75391	55996.04768	56019.87891	504478.3	5409997.4
L4480.0	504478.3	5409995.8	85520.60156	239.65	33.72	48.842918	-86.938964	56125.66	56290.6	-40.65	56085.01	56092.41797	55997.47240	56021.08984	504478.3	5409995.8
L4480.0	504478.3	5409994.6	85520.60156	239.65	38.67	48.842907	-86.938964	56129.09	56290.6	-40.65	56088.44	56095.59766	55998.64580	56022.05078	504478.3	5409994.6
L4480.0	504478.3	5409993.3	85520.79688	224.67	38.67	48.842896	-86.938965	56131.23	56290.6	-40.65	56090.58	56097.49609	55999.88790	56023.07813	504478.3	5409993.3
L4480.0	504478.3	5409992.3	85520.89844	223.57	37.76	48.842887	-86.938965	56130.23	56290.6	-40.65	56089.58	56096.26172	56001.32204	56024.29688	504478.3	5409992.3
L4480.0	504478.3	5409991.2	85521.00000	223.56	38.03	48.842877	-86.938965	56132.59	56290.7	-40.65	56091.94	56098.39453	56002.51491	56025.27734	504478.3	5409991.2
L4480.0	504478.3	5409989.9	85521.10156	237.16	38.03	48.842865	-86.938965	56134.75	56290.7	-40.65	56094.10	56100.33203	56003.70387	56026.25000	504478.3	5409989.9
L4480.0	504478.3	5409988.6	85521.20313	236.17	38.49	48.842854	-86.938965	56137.12	56290.7	-40.65	56096.46	56102.47266	56004.86226	56027.19141	504478.3	5409988.6
L4480.0	504478.3	5409988.6	85521.29688	236.09	42.25	48.842854	-86.938965	56137.95	56290.7	-40.65	56097.30	56103.10547	56006.10477	56028.21875	504478.3	5409988.6
L4480.0	504478.3	5409987.6	85521.39844	236.01	38.07	48.842844	-86.938965	56138.46	56290.7	-40.65	56097.80	56103.40234	56007.35276	56029.25391	504478.3	5409987.6
L4480.0	504478.3	5409985.7	85521.50000	235.80	38.07	48.842828	-86.938965	56140.38	56290.7	-40.65	56099.72	56105.12500	56008.48890	56030.17188	504478.3	5409985.7
L4480.0	504478.3	5409985.7	85521.60156	235.49	45.89	48.842828	-86.938965	56142.14	56290.7	-40.66	56101.49	56106.70313	56009.61788	56031.08594	504478.3	5409985.7
L4480.0	504478.3	5409984.6	85521.70313	235.18	38.32	48.842818	-86.938965	56143.59	56290.7	-40.66	56102.93	56107.95703	56010.75172	56032.00391	504478.3	5409984.6
L4480.0	504478.3	5409983.3	85521.79688	235.76	38.32	48.842806	-86.938965	56145.69	56290.7	-40.66	56105.03	56109.87500	56011.82444	56032.85938	504478.3	5409983.3
L4480.0	504478.3	5409982.1	85521.89844	236.54	39.88	48.842795	-86.938965	56144.95	56290.7	-40.66	56104.29	56108.96484	56013.06939	56033.89063	504478.3	5409982.1
L4480.0	504478.3	5409981.0	85522.00000	236.42	33.46	48.842785	-86.938965	56145.31	56290.7	-40.66	56104.65	56109.15625	56014.22392	56034.82813	504478.3	5409981.0
L4480.0	504478.3	5409979.7	85522.10156	238.50	33.46	48.842774	-86.938965	56148.95	56290.7	-40.67	56108.29	56112.63672	56015.14270	56035.53516	504478.3	5409979.7
L4480.0	504478.3	5409978.7	85522.20313	238.59	33.56	48.842765	-86.938965	56149.93	56290.7	-40.67	56109.26	56113.44922	56016.22243	56036.39844	504478.3	5409978.7
L4480.0	504478.3	5409977.6	85522.29688	237.78	34.53	48.842754	-86.938965	56149.46	56290.7	-40.68	56108.78	56112.82031	56017.38179	56037.34375	504478.3	5409977.6
L4480.0	504478.3	5409977.6	85522.39844	239.65	39.91	48.842754	-86.938965	56151.54	56290.7	-40.68	56110.86	56114.75781	56018.35345	56038.10156	504478.3	5409977.6

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4480.0	504478.2	5409976.1	85522.50000	236.68	39.91	48.842741	-86.938966	56154.32	56290.7	-40.69	56113.63	56117.39063	56019.26210	56038.80078	504478.2	5409976.1
L4480.0	504478.2	5409975.3	85522.60156	236.39	33.43	48.842734	-86.938966	56153.75	56290.7	-40.69	56113.06	56116.68750	56020.37642	56039.70313	504478.2	5409975.3
L4480.0	504478.2	5409974.0	85522.60156	236.39	33.43	48.842722	-86.938966	56153.74	56290.7	-40.69	56113.05	56116.55078	56021.43643	56040.55078	504478.2	5409974.0
L4480.0	504478.3	5409972.9	85522.79688	237.01	34.62	48.842712	-86.938966	56155.70	56290.7	-40.70	56115.00	56118.38281	56022.34879	56041.25391	504478.3	5409972.9
L4480.0	504478.3	5409971.2	85522.89844	237.70	32.94	48.842697	-86.938966	56158.52	56290.7	-40.71	56117.81	56121.07813	56023.18685	56041.88281	504478.3	5409971.2
L4480.0	504478.3	5409971.2	85523.00000	239.04	32.94	48.842697	-86.938966	56159.04	56290.7	-40.71	56118.33	56121.48828	56024.16064	56042.64844	504478.3	5409971.2
L4480.0	504478.3	5409969.9	85523.10156	223.56	35.84	48.842686	-86.938966	56159.32	56290.7	-40.71	56118.61	56121.66406	56025.13348	56043.41406	504478.3	5409969.9
L4480.0	504478.3	5409968.7	85523.20313	223.58	40.73	48.842674	-86.938966	56160.08	56290.7	-40.71	56119.37	56122.32422	56026.05739	56044.13281	504478.3	5409968.7
L4480.0	504478.3	5409967.6	85523.29688	239.70	40.73	48.842664	-86.938966	56162.71	56290.7	-40.71	56122.00	56124.85938	56026.83970	56044.70703	504478.3	5409967.6
L4480.0	504478.2	5409966.5	85523.39844	240.54	35.34	48.842654	-86.938966	56162.19	56290.7	-40.71	56121.48	56124.25391	56027.81509	56045.48047	504478.2	5409966.5
L4480.0	504478.2	5409965.0	85523.50000	239.64	26.55	48.842641	-86.938966	56161.92	56290.7	-40.71	56121.21	56123.89844	56028.75691	56046.22266	504478.2	5409965.0
L4480.0	504478.2	5409965.0	85523.60156	237.25	26.55	48.842641	-86.938966	56164.56	56290.7	-40.71	56123.85	56126.46094	56029.48781	56046.75000	504478.2	5409965.0
L4480.0	504478.2	5409963.3	85523.70313	236.22	30.14	48.842626	-86.938966	56165.70	56290.7	-40.71	56124.99	56127.53125	56030.30181	56047.36719	504478.2	5409963.3
L4480.0	504478.2	5409962.4	85523.79688	223.09	32.75	48.842617	-86.938966	56166.16	56290.7	-40.71	56125.45	56127.92188	56031.14423	56048.01172	504478.2	5409962.4
L4480.0	504478.2	5409960.9	85523.89844	223.24	32.75	48.842604	-86.938966	56167.32	56290.7	-40.71	56126.61	56129.01953	56031.92307	56048.59766	504478.2	5409960.9
L4480.0	504478.2	5409959.5	85524.00000	235.12	28.92	48.842592	-86.938966	56168.05	56290.7	-40.71	56127.34	56129.69141	56032.71368	56049.19141	504478.2	5409959.5
L4480.0	504478.2	5409959.5	85524.10156	233.50	29.32	48.842592	-86.938966	56168.53	56290.7	-40.71	56127.81	56130.10938	56033.50470	56049.79297	504478.2	5409959.5
L4480.0	504478.2	5409957.9	85524.20313	232.88	29.32	48.842578	-86.938966	56168.63	56290.7	-40.72	56127.91	56130.16016	56034.30348	56050.40234	504478.2	5409957.9
L4480.0	504478.2	5409956.6	85524.29688	234.26	30.14	48.842566	-86.938966	56168.53	56290.7	-40.72	56127.80	56130.00391	56035.09933	56051.00781	504478.2	5409956.6
L4480.0	504478.2	5409956.6	85524.39844	236.68	30.14	48.842566	-86.938966	56171.95	56290.7	-40.73	56131.21	56133.37500	56035.64358	56051.36719	504478.2	5409956.6
L4480.0	504478.2	5409955.5	85524.50000	237.14	30.88	48.842556	-86.938966	56171.59	56290.7	-40.74	56130.85	56132.98047	56036.42222	56051.96094	504478.2	5409955.5
L4480.0	504478.2	5409954.2	85524.60156	237.64	30.88	48.842544	-86.938966	56171.48	56290.7	-40.74	56130.74	56132.83984	56037.16725	56052.52344	504478.2	5409954.2
L4480.0	504478.2	5409952.8	85524.60156	237.64	28.81	48.842532	-86.938967	56172.95	56290.7	-40.74	56132.21	56134.28516	56037.78998	56052.96484	504478.2	5409952.8
L4480.0	504478.2	5409952.8	85524.79688	241.92	25.34	48.842532	-86.938967	56174.14	56290.8	-40.75	56133.39	56135.44141	56038.41507	56053.41406	504478.2	5409952.8
L4480.0	504478.2	5409951.1	85524.89844	241.21	26.46	48.842516	-86.938967	56174.20	56290.8	-40.76	56133.44	56135.47266	56039.09849	56053.92188	504478.2	5409951.1
L4480.0	504478.2	5409949.7	85525.00000	240.28	31.18	48.842504	-86.938967	56175.08	56290.8	-40.76	56134.32	56136.33984	56039.70958	56054.35938	504478.2	5409949.7
L4480.0	504478.2	5409948.4	85525.10156	237.79	31.18	48.842492	-86.938967	56176.23	56290.8	-40.76	56135.47	56137.47656	56040.28565	56054.76563	504478.2	5409948.4
L4480.0	504478.2	5409947.1	85525.20313	237.12	30.01	48.842480	-86.938967	56176.49	56290.8	-40.76	56135.73	56137.73047	56040.90401	56055.21484	504478.2	5409947.1
L4480.0	504478.2	5409947.1	85525.29688	236.68	34.28	48.842480	-86.938967	56176.34	56290.8	-40.76	56135.59	56137.58594	56041.53198	56055.67578	504478.2	5409947.1
L4480.0	504478.2	5409945.5	85525.39844	237.49	35.02	48.842466	-86.938967	56177.87	56290.8	-40.76	56137.11	56139.10938	56042.03221	56056.01172	504478.2	5409945.5
L4480.0	504478.2	5409944.2	85525.50000	237.79	35.02	48.842454	-86.938967	56178.87	56290.8	-40.75	56138.12	56140.12109	56042.54935	56056.36719	504478.2	5409944.2
L4480.0	504478.2	5409942.7	85525.60156	239.47	38.09	48.842440	-86.938967	56178.58	56290.8	-40.75	56137.82	56139.82813	56043.13672	56056.79688	504478.2	5409942.7
L4480.0	504478.2	5409942.7	85525.70313	240.97	41.89	48.842440	-86.938967	56180.22	56290.8	-40.75	56139.47	56141.48828	56043.57697	56057.07813	504478.2	5409942.7
L4480.0	504478.2	5409940.8	85525.79688	240.63	46.04	48.842424	-86.938967	56181.17	56290.8	-40.75	56140.42	56142.44922	56044.04675	56057.39453	504478.2	5409940.8
L4480.0	504478.2	5409939.5	85525.89844	241.04	46.04	48.842412	-86.938967	56179.41	56290.8	-40.75	56138.66	56140.70703	56044.68005	56057.87891	504478.2	5409939.5
L4480.0	504478.2	5409939.5	85526.00000	240.23	44.05	48.842412	-86.938967	56180.16	56290.8	-40.75	56139.41	56141.47656	56045.12886	56058.17578	504478.2	5409939.5
L4480.0	504478.2	5409937.8	85526.10156	240.13	44.05	48.842396	-86.938967	56182.45	56290.8	-40.76	56141.70	56143.78906	56045.45782	56058.35938	504478.2	5409937.8
L4480.0	504478.2	5409936.6	85526.20313	240.73	45.08	48.842386	-86.938967	56181.30	56290.8	-40.76	56140.53	56142.64063	56046.00027	56058.75781	504478.2	5409936.6
L4480.0	504478.2	5409935.3	85526.29688	238.37	44.1	48.842374	-86.938967	56180.44	56290.8	-40.77	56139.67	56141.80859	56046.50486	56059.12109	504478.2	5409935.3
L4480.0	504478.2	5409933.9	85526.39844	236.04	45.51	48.842362	-86.938967	56182.19	56290.8	-40.77	56141.41	56143.57813	56046.81892	56059.29688	504478.2	5409933.9
L4480.0	504478.2	5409933.9	85526.50000	237.55	45.98	48.842362	-86.938967	56182.07	56290.8	-40.78	56141.29	56143.49219	56047.23978	56059.58203	504478.2	5409933.9
L4480.0	504478.2	5409932.4	85526.60156	236.68	40.29	48.842348	-86.938967	56182.67	56290.8	-40.79	56141.88	56144.11328	56047.59611	56059.80469	504478.2	5409932.4
L4480.0	504478.2	5409931.1	85526.60156	236.68	40.29	48.842336	-86.938967	56182.74	56290.8	-40.79	56141.96	56144.23047	56047.96923	56060.04688	504478.2	5409931.1
L4480.0	504478.2	5409929.7	85526.79688	236.18	39.24	48.842324	-86.938967	56182.77	56290.8	-40.80	56141.97	56144.27734	56048.32982	56060.28125	504478.2	5409929.7
L4480.0	504478.2	5409929.7	85526.89844	236.37	31.54	48.842324	-86.938967	56183.56	56290.8	-40.80	56142.76	56145.10938	56048.62123	56060.44531	504478.2	5409929.7
L4480.0	504478.2	5409928.4	85527.00000	236.25	45.87	48.842312	-86.938967	56182.97	56290.8	-40.81	56142.16	56144.55078	56048.98812	56060.69141	504478.2	5409928.4
L4480.0	504478.2	5409927.0	85527.10156	222.00	45.81	48.842299	-86.938967	56183.18	56290.8	-40.81	56142.37	56144.80469	56049.28384	56060.86719	504478.2	5409927.0
L4480.0	504478.2	5409925.6	85527.20313	222.53	45.81	48.842287	-86.938967	56183.70	56290.8	-40.81	56142.89	56145.37109	56049.54175	56061.00781	504478.2	5409925.6
L4480.0	504478.2	5409924.7	85527.29688	238.82	45.63	48.842279	-86.938967	56183.36	56290.8	-40.82	56142.54	56145.06641	56049.84053	56061.19141	504478.2	5409924.7
L4480.0	504478.2	5409923.0	85527.39844	241.02	33.66	48.842263	-86.938966	56184.04	56290.8	-40.82	56143.22	56145.79297	56050.05354	56061.28906	504478.2	5409923.0
L4480.0	504478.2	5409921.6	85527.50000	237.54	33.66	48.842251	-86.938966	56185.81	56290.8	-40.82	56144.99	56147.61328	56050.17681	56061.30469	504478.2	5409921.6
L4480.0	504478.2	5409920.5	85527.60156	236.33	37.12	48.842241	-86.938966	56183.46	56290.8	-40.82	56142.64	56145.31250	56050.55772	56061.57813	504478.2	5409920.5
L4480.0	504478.3	5409919.4	85527.70313	236.77	38.74	48.842231	-86.938966	56182.16	56290.8	-40.82	56141.34	56144.06641	56050.85163	56061.76563	504478.3	5409919.4
L4480.0	504478.3	5409919.4	85527.79688	238.19	38.74	48.842231	-86.938966	56183.72	56290.8	-40.83	56142.90	56145.67969	56050.93794	56061.75000	504478.3	5409919.4
L4480.0	504478.3	5409917.8	85527.89844	238.09	37.29	48.842216	-86.938966	56185.21	56290.8	-40.83	56144.38	56147.21094	56051.01270	56061.72656	504478.3	5409917.8
L4480.0	504478.3	5409916.4	85528.00000	238.00	37.11	48.842204	-86.938966	56184.13	56290.8	-40.83	56143.30	56146.18359	56051.24130	56061.85938	504478.3	5409916.4
L4480.0	504478.3	5409915.5	85528.10156	237.98	37.11	48.842196	-86.938966	56183.38	56290.8	-40.83	56142.55	56145.48828	56051.43115	56061.95313	504478.3	5409915.5
L4480.0	504478.3	5409914.2	85528.20313	226.07	45.65	48.842184	-86.938966	56184.45	56290.8	-40.83	56143.61	56146.60547	56051.48367	56061.91406	504478.3	5409914.2
L4480.0	504478.3	5409913.1	85528.29688	225.78	43.02	48.842174	-86.938966	56184.16	56290.8	-40.83	56143.33	56146.38281	56051.60895	56061.94922	504478.3	5409913.1
L4480.0	504478.3	5409913.1	85528.39844	225.53	38.43	48.842174	-86.938966	56181.54	56290.8	-40.83	56140.71	56143.81641	56051.87375	56062.12891	504478.3	5409913.1
L4480.0	504478.3	5409911.5	85528.50000	224.28	38.43	48.842160	-86.938966	56182.39	56290.8	-40.83	56141.56	56144.72266	56051.89085	56062.06250	504478.3	5409911.5
L4480.0	504478.3	5409909.8	85528.60156	222.80	39.43	48.842145	-86.938965	56183.10	56290.8	-40.83	56142.27	56145.49219	56051.90105	56061.98828	504478.3	5409909.8
L4480.0	504478.3	5409908.9	85528.60156	222.80	37.44	48.842137	-86.938965	56182.14	56290.8	-40.83	56141.31	56144.58594	56052.00647	56062.01563	504478.3	5409908.9
L4480.0	504478.3	5409908.9	85528.79688	224.30	37.44	48.842137	-86.938965	56181.83	56290.8	-40.83	56141.00	56144.33594	56052.05259	56061.98438	504478.3	5409908.9
L4480.0	504478.3	5409906.4	85528.89844	224.52	41.09	48.842114	-86.938965	56182.10	56290.8	-40.83	56141.27	56144.66016	56052.04424	56061.89844	504478.3	5409906.4
L4480.0	504478.3	5409906.4	85529.00000	223.95	38.4	48.842114	-86.938965	56180.99	56290.8	-40.83	56140.16	56143.60938	56052.11227	56061.89453	504478.3	5409906.4
L4480.0	504478.3	5409904.8	85529.10156	224.59	38.4	48.842099	-86.938965	56180.75	56290.8	-40.84	56139.91	56143.41406	56052.10751	56061.82031	504478.3	5409904.8
L4480.0	504478.3	5409902.9	85529.20313	222.19	43.16	48.842083	-86.938965	56180.98	56290.8	-40.84	56140.13	56143.69141	56052.05619	56061.69922	504478.3	5409902.9
L4480.0	504478.3	5409901.5	85529.29688	222.53	43.16	48.842070	-86.938965	56180.95	56290.8	-40.85	56140.11	56143.72656	56052.00583	56061.58203	504478.3	5409901.5
L4480.0	504478.3	5409899.8	85529.39844	221.28	42.55	48.842054	-86.938965	56177.83	56290.9	-40.85	56136.97	56140.64063	56052.14867	56061.66016	504478.3	5409899.8
L4480.0	504478.3	5409899.8	85529.50000	220.01	42.07	48.842054	-86.938965	56176.93	56290.9	-40.86	56136.07	56139.79688	56052.12763	56061.57813	504478.3	5409899.8
L4480.0	504478.3	5409898.6	85529.60156	221.64	42.07	48.842044	-86.938965	56177.62	56290.9	-40.87	56136.75	56140.53125	56051.98697	56061.37891	504478.3	5409898.6
L4480.0	504478.3	5409897.0	85529.79688	221.80	43.42	48.842029	-86.938965	56178.02	56290.9	-40.88	56137.14	56140.97656	56051.85163	56061.18359	504478.3	5409897.0
L4480.0	504478.3	5409895.6	85529.89844	222.02	45.34	48.842017	-86.938965	56173.99	56290.9	-40.88	56133.11	56137.00000	56051.99724	56061.27344	504478.3	5409895.6
L4480.0	504478.3	5409894.1	85530.00000	223.81	45.34	48.842003	-86.938966	56173.94	56290.9	-40.89	56133.05	56136.99219	56051.86478	56061.08594	504478.3	5409894.1
L4480.0	504478.3	5409894.1	85530.10156	223.21	44.35	48.842003	-86.938966	56172.48	56290.9	-40.89	56131.58	56135.57422	56051.81325	56060.98438	504478.3	5409894.1
L4480.0	504478.3	5409892.5	85530.20313	223.65	37.58	48.841989	-86.938966	56172.52	56290.9	-40.90	56131.62	56135.66406	56051.64832	56060.76953	504478.3	5409892.5
L4480.0	504478.3	5409891.0	85530.29688	222.53	37.58	48.841976	-86.938966	56173.12	56290.9	-40.90	56132.22	56136.31250	56051.43369	56060.50391	504478.3	5409891.0
L4480.0	504478.3	5409889.7	85530.39844	220.65	39.52	48.841963	-86.938966	56171.41	56290.9	-40.90	56130.51	56134.65234	56051.36107	56060.38672	504478.3	5409889.7
L4480.0	504478.3	5409887.9	85530.50000	220.60	39.52	48.841947	-86.938966	56171.26	56290.9	-40.90	56130.35	56134.53906	56051.17354	56060.15234	504478.3	5409887.9
L4480.0	504478.3	5409886.5	85530.60156	221.17	46.03	48.841935	-86.938966	56169.37	56290.9	-40.91	56128.46	56132.69531	56051.09017	56060.02734	504478.3	5409886.5
L4480.0	504478.3	5409886.5	85530.60156	221.17	33.53	48.841935	-86.938966	56167.39	56290.9	-40.91	56126.48	56130.76172	56051.00208	56059.89844	504478.3	5409886.5
L4480.0	504478.3	5409885.2	85530.79688	223.21	33.53	48.841924	-86.938966	56166.38	56290.9	-40.91	56125.47	56129.79688	56050.83904	56059.69531	504478.3	5409885.2
L4480.0	504478.3	5409884.1	85530.89844	223.53	34.51	48.841913	-86.938966	56166.33	56290.9	-40.92	56125.42	56129.78906	56050.60220	56059.41797	504478.3	5409884.1
L4480.0	504478.3	5409882.7	85531.00000	225.09	34.51	48.841901	-86.938966	56164.84	56290.9	-40.92	56123.92	56128.33203	56050.45272	56059.23438	504478.3	5409882.7
L4480.0	504478.3	5409882.7	85531.10156	223.93	28.14	48.841901	-86.938966	56162.10	56290.9	-40.93	56121.18	56125.63281	56050.37711	56059.12109	504478.3	5409882.7
L4480.0	504478.3	5409881.0	85531.20313	223.56	31.9	48.841886	-86.938967	56162.48	56290.9	-40.93	56121.55	56126.04297	56050.08589	56058.79688	504478.3	5409881.0
L4480.0	504478.2	5409879.7	85531.29688	222.10	31.9	48.841874	-86.938967	56161.20	56290.9	-40.94	56120.26	56124.78906	56049.89760	56058.57422	504478.2	5409879.7
L4480.0	504478.2	5409879.7	85531.39844	222.06	26.67	48.841874	-86.938967	56157.58	56290.9	-40.95	56116.63	56121.19922	56049.85816	56058.50391	504478.2	5409879.7
L4480.0	504478.2	5409878.3	85531.50000	223.43	26.21	48.841861	-86.938967	56156.64	56291	-40.95	56115.69	56120.29297	56049.63279	56058.25000	504478.2	5409878.3
L4480.0	504478.2	5409876.9	85531.60156	224.18	26.21	48.841848	-86.938967	56157.76	56291	-40.96	56116.80	56121.43750	56049.26477	56057.85156	504478.2	5409876.9
L4480.0	504478.2	5409875.5	85531.70313	224.09	31.01	48.841836	-86.938967	56155.15	56291	-40.97	56114.18	56118.85156	56049.14004	56057.69922	504478.2	5409875.5
L4480.0	504478.2	5409874.1	85531.79688	224.92	33.81	48.841824	-86.938967	56152.00	56291	-40.98	56111.03	56115.73047	56049.04589	56057.58203	504478.2	5409874.1

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4480.0	504478.2	5409873.0	85531.89844	223.79	30.79	48.841814	-86.938967	56151.43	56291	-40.98	56110.45	56115.17969	56048.77630	56057.28516	504478.2	5409873.0
L4480.0	504478.3	5409871.6	85532.00000	225.38	30.79	48.841801	-86.938967	56150.25	56291	-40.99	56109.26	56114.01953	56048.54391	56057.02734	504478.3	5409871.6
L4480.0	504478.3	5409871.6	85532.10156	223.46	30.17	48.841801	-86.938967	56149.16	56291	-40.99	56108.17	56112.95703	56048.30207	56056.76563	504478.3	5409871.6
L4480.0	504478.3	5409870.0	85532.20313	224.21	34.68	48.841786	-86.938966	56146.64	56291	-40.99	56105.65	56110.46094	56048.15345	56056.59375	504478.3	5409870.0
L4480.0	504478.3	5409868.5	85532.29688	225.67	34.68	48.841773	-86.938966	56145.69	56291	-41.00	56104.69	56109.52344	56047.89939	56056.31641	504478.3	5409868.5
L4480.0	504478.3	5409867.4	85532.39844	226.41	29.56	48.841763	-86.938966	56141.62	56291	-41.00	56100.62	56105.47656	56047.85192	56056.25000	504478.3	5409867.4
L4480.0	504478.3	5409866.2	85532.50000	239.35	30.53	48.841752	-86.938966	56140.20	56291	-41.00	56099.20	56104.07422	56047.62774	56056.00781	504478.3	5409866.2
L4480.0	504478.3	5409864.6	85532.60156	239.81	30.53	48.841738	-86.938966	56139.04	56291	-41.00	56098.03	56102.92578	56047.38755	56055.74609	504478.3	5409864.6
L4480.0	504478.4	5409863.5	85532.60156	239.81	31.42	48.841728	-86.938965	56137.26	56291	-41.00	56096.26	56101.17188	56047.18873	56055.53125	504478.4	5409863.5
L4480.0	504478.4	5409862.5	85532.79688	237.32	31.42	48.841720	-86.938965	56135.83	56291	-41.01	56094.82	56099.74609	56046.96997	56055.29688	504478.4	5409862.5
L4480.0	504478.4	5409861.1	85532.89844	239.38	31.18	48.841707	-86.938965	56133.77	56291	-41.01	56092.76	56097.70313	56046.79531	56055.10547	504478.4	5409861.1
L4480.0	504478.4	5409860.0	85533.00000	238.07	31.18	48.841697	-86.938964	56132.63	56291	-41.01	56091.62	56096.57422	56046.56279	56054.85547	504478.4	5409860.0
L4480.0	504478.4	5409860.0	85533.10156	235.49	38.55	48.841697	-86.938964	56130.21	56291	-41.01	56089.20	56094.16406	56046.41976	56054.69922	504478.4	5409860.0
L4480.0	504478.5	5409858.8	85533.20313	234.98	38.55	48.841686	-86.938964	56129.15	56291	-41.02	56088.13	56093.10547	56046.19159	56054.45703	504478.5	5409858.8
L4480.0	504478.5	5409857.7	85533.29688	235.08	38.55	48.841676	-86.938964	56125.56	56291	-41.03	56084.53	56089.51172	56046.13762	56054.38672	504478.5	5409857.7
L4480.0	504478.5	5409856.0	85533.39844	234.11	33.93	48.841661	-86.938963	56125.04	56291	-41.03	56084.01	56089.00000	56045.88450	56054.12109	504478.5	5409856.0
L4480.0	504478.5	5409856.0	85533.50000	234.60	32.37	48.841661	-86.938963	56122.72	56291	-41.04	56081.68	56086.67188	56045.75890	56053.98047	504478.5	5409856.0
L4480.0	504478.6	5409854.6	85533.60156	234.01	33.97	48.841648	-86.938963	56121.84	56291	-41.04	56080.80	56085.79688	56045.54411	56053.75391	504478.6	5409854.6
L4480.0	504478.6	5409853.2	85533.70313	235.25	30.9	48.841635	-86.938962	56122.02	56291	-41.04	56080.97	56085.96875	56045.26743	56053.46484	504478.6	5409853.2
L4480.0	504478.6	5409851.6	85533.79688	233.95	31.1	48.841621	-86.938962	56117.46	56291	-41.05	56076.41	56081.40625	56045.31478	56053.50000	504478.6	5409851.6
L4480.0	504478.6	5409850.4	85533.89844	233.87	31.1	48.841611	-86.938962	56117.26	56291.1	-41.06	56076.20	56081.19531	56045.08141	56053.25781	504478.6	5409850.4
L4480.0	504478.7	5409849.0	85534.00000	234.36	33.11	48.841598	-86.938961	56115.91	56291.1	-41.06	56074.85	56079.84375	56044.93387	56053.09766	504478.7	5409849.0
L4480.0	504478.7	5409848.0	85534.10156	235.99	35.59	48.841589	-86.938961	56114.40	56291.1	-41.06	56073.34	56078.32813	56044.80736	56052.96094	504478.7	5409848.0
L4480.0	504478.7	5409846.7	85534.20313	236.75	38.02	48.841577	-86.938961	56112.90	56291.1	-41.07	56071.84	56076.82422	56044.69104	56052.83203	504478.7	5409846.7
L4480.0	504478.7	5409845.5	85534.29688	235.58	42.79	48.841566	-86.938961	56112.02	56291.1	-41.07	56070.95	56075.92578	56044.54539	56052.67578	504478.7	5409845.5
L4480.0	504478.7	5409843.9	85534.39844	235.80	42.79	48.841552	-86.938961	56111.84	56291.1	-41.07	56070.77	56075.73828	56044.36417	56052.48438	504478.7	5409843.9
L4480.0	504478.7	5409843.9	85534.50000	235.80	45.35	48.841552	-86.938961	56109.85	56291.1	-41.07	56068.77	56073.72656	56044.31647	56052.42578	504478.7	5409843.9
L4480.0	504478.7	5409842.6	85534.60156	238.32	45.79	48.841541	-86.938961	56107.74	56291.1	-41.08	56066.66	56071.60547	56044.28866	56052.39063	504478.7	5409842.6
L4480.0	504478.6	5409841.0	85534.60156	238.32	45.79	48.841526	-86.938962	56106.64	56291.1	-41.08	56065.56	56070.49219	56044.20643	56052.29688	504478.6	5409841.0
L4480.0	504478.6	5409840.1	85534.79688	239.54	42.71	48.841518	-86.938962	56106.81	56291.1	-41.08	56065.72	56070.63672	56044.05340	56052.13281	504478.6	5409840.1
L4480.0	504478.6	5409839.1	85534.89844	239.09	42.71	48.841509	-86.938962	56107.29	56291.1	-41.09	56066.21	56071.10938	56043.89185	56051.96094	504478.6	5409839.1
L4480.0	504478.6	5409837.5	85535.00000	235.74	34.5	48.841494	-86.938962	56104.48	56291.1	-41.09	56063.39	56068.27344	56043.96468	56052.02344	504478.6	5409837.5
L4480.0	504478.6	5409837.5	85535.10156	237.35	37.61	48.841494	-86.938962	56103.45	56291.1	-41.09	56062.35	56067.21484	56043.93276	56051.98438	504478.6	5409837.5
L4480.0	504478.6	5409836.0	85535.20313	238.52	37.16	48.841481	-86.938962	56104.54	56291.1	-41.10	56063.44	56068.28516	56043.77291	56051.81250	504478.6	5409836.0
L4480.0	504478.6	5409834.9	85535.29688	238.34	38.66	48.841471	-86.938963	56104.23	56291.1	-41.10	56063.12	56067.94531	56043.72126	56051.75000	504478.6	5409834.9
L4480.0	504478.5	5409832.7	85535.39844	238.24	38.17	48.841451	-86.938963	56103.17	56291.1	-41.11	56062.06	56066.86328	56043.73323	56051.75391	504478.5	5409832.7
L4480.0	504478.5	5409832.7	85535.50000	238.71	38.17	48.841451	-86.938963	56104.84	56291.1	-41.11	56063.72	56068.50000	56043.57820	56051.58594	504478.5	5409832.7
L4480.0	504478.5	5409831.3	85535.60156	239.76	34.23	48.841439	-86.938963	56103.73	56291.1	-41.12	56062.61	56067.36328	56043.62219	56051.62109	504478.5	5409831.3
L4480.0	504478.5	5409829.9	85535.70313	240.10	33.3	48.841426	-86.938964	56103.12	56291.1	-41.13	56062.00	56066.72656	56043.64718	56051.63672	504478.5	5409829.9
L4480.0	504478.5	5409828.7	85535.79688	239.17	35.92	48.841415	-86.938964	56104.86	56291.1	-41.13	56063.73	56068.42969	56043.53043	56051.50781	504478.5	5409828.7
L4480.0	504478.5	5409827.3	85535.89844	236.83	40.2	48.841402	-86.938964	56104.03	56291.1	-41.14	56062.90	56067.57422	56043.59854	56051.56250	504478.5	5409827.3
L4480.0	504478.5	5409827.3	85536.00000	235.74	35.25	48.841402	-86.938964	56103.20	56291.1	-41.14	56062.06	56066.70313	56043.68138	56051.63672	504478.5	5409827.3
L4480.0	504478.5	5409824.9	85536.10156	234.76	35.25	48.841381	-86.938964	56105.04	56291.1	-41.14	56063.90	56068.51172	56043.59946	56051.54297	504478.5	5409824.9
L4480.0	504478.4	5409823.7	85536.20313	235.29	32.66	48.841370	-86.938965	56105.34	56291.1	-41.14	56064.20	56068.78125	56043.63394	56051.56641	504478.4	5409823.7
L4480.0	504478.4	5409822.7	85536.29688	234.78	33.96	48.841361	-86.938965	56105.06	56291.1	-41.14	56063.92	56068.46875	56043.72061	56051.64063	504478.4	5409822.7
L4480.0	504478.4	5409821.5	85536.39844	234.99	33.96	48.841350	-86.938965	56106.08	56291.1	-41.14	56064.93	56069.44531	56043.73457	56051.64063	504478.4	5409821.5
L4480.0	504478.4	5409820.0	85536.50000	234.29	34.14	48.841337	-86.938965	56107.32	56291.1	-41.15	56066.17	56070.65234	56043.74622	56051.64063	504478.4	5409820.0
L4480.0	504478.4	5409818.7	85536.60156	235.43	35.04	48.841325	-86.938965	56108.05	56291.1	-41.15	56066.90	56071.34375	56043.80462	56051.68359	504478.4	5409818.7
L4480.0	504478.4	5409818.7	85536.60156	235.43	34.18	48.841325	-86.938965	56108.25	56291.1	-41.15	56067.10	56071.50781	56043.91081	56051.77734	504478.4	5409818.7
L4480.0	504478.4	5409816.3	85536.79688	234.54	34.18	48.841304	-86.938966	56109.39	56291.1	-41.15	56068.25	56072.62109	56043.96579	56051.81641	504478.4	5409816.3
L4480.0	504478.4	5409816.3	85536.89844	233.67	32.98	48.841304	-86.938966	56108.91	56291.1	-41.15	56067.76	56072.09375	56044.14190	56051.98047	504478.4	5409816.3
L4480.0	504478.3	5409815.1	85537.00000	233.90	44.33	48.841293	-86.938966	56109.94	56291.2	-41.15	56068.79	56073.08203	56044.22812	56052.05078	504478.3	5409815.1
L4480.0	504478.3	5409813.4	85537.10156	236.17	39.35	48.841278	-86.938966	56110.88	56291.2	-41.15	56069.72	56073.97266	56044.33210	56052.14063	504478.3	5409813.4
L4480.0	504478.3	5409813.4	85537.20313	235.15	39.35	48.841278	-86.938966	56112.45	56291.2	-41.16	56071.29	56075.50000	56044.40412	56052.19922	504478.3	5409813.4
L4480.0	504478.3	5409811.5	85537.29688	235.20	40.32	48.841261	-86.938966	56113.18	56291.2	-41.17	56072.01	56076.17969	56044.54314	56052.32031	504478.3	5409811.5
L4480.0	504478.3	5409810.1	85537.39844	233.42	35.69	48.841248	-86.938967	56113.79	56291.2	-41.17	56072.62	56076.74609	56044.69945	56052.46094	504478.3	5409810.1
L4480.0	504478.3	5409810.1	85537.50000	234.29	39.97	48.841248	-86.938967	56115.04	56291.2	-41.18	56073.86	56077.94141	56044.82332	56052.56641	504478.3	5409810.1
L4480.0	504478.3	5409807.5	85537.60156	235.53	39.34	48.841224	-86.938967	56115.52	56291.2	-41.18	56074.34	56078.37891	56045.00702	56052.73438	504478.3	5409807.5
L4480.0	504478.3	5409806.3	85537.70313	235.13	39.34	48.841213	-86.938967	56116.60	56291.2	-41.18	56075.41	56079.40234	56045.16018	56052.87109	504478.3	5409806.3
L4480.0	504478.3	5409805.3	85537.79688	233.83	38.89	48.841204	-86.938966	56115.44	56291.2	-41.19	56074.25	56078.19531	56045.47038	56053.16406	504478.3	5409805.3
L4480.0	504478.3	5409803.4	85537.89844	233.15	38.89	48.841188	-86.938966	56117.23	56291.2	-41.19	56076.04	56079.93750	56045.59193	56053.26563	504478.3	5409803.4
L4480.0	504478.3	5409802.4	85538.00000	232.28	33.97	48.841178	-86.938966	56119.00	56291.2	-41.20	56077.80	56081.65234	56045.72310	56053.37891	504478.3	5409802.4
L4480.0	504478.4	5409801.5	85538.10156	231.96	33.97	48.841170	-86.938966	56119.89	56291.2	-41.20	56078.68	56082.48047	56045.92018	56053.55469	504478.4	5409801.5
L4480.0	504478.4	5409799.8	85538.20313	234.40	39.27	48.841155	-86.938966	56121.21	56291.2	-41.21	56080.00	56083.75391	56046.09481	56053.71094	504478.4	5409799.8
L4480.0	504478.4	5409799.8	85538.29688	235.22	43.17	48.841155	-86.938966	56121.20	56291.2	-41.21	56079.98	56083.68359	56046.36531	56053.96094	504478.4	5409799.8
L4480.0	504478.4	5409798.4	85538.39844	237.38	44.37	48.841142	-86.938966	56121.76	56291.2	-41.22	56080.54	56084.19141	56046.60332	56054.17969	504478.4	5409798.4
L4480.0	504478.4	5409797.0	85538.50000	235.99	44.09	48.841130	-86.938966	56122.57	56291.2	-41.22	56081.34	56084.94141	56046.83118	56054.38672	504478.4	5409797.0
L4480.0	504478.4	5409795.6	85538.60156	235.19	44.09	48.841117	-86.938965	56123.90	56291.2	-41.23	56082.67	56086.21875	56047.02924	56054.56250	504478.4	5409795.6
L4480.0	504478.4	5409794.4	85538.60156	235.19	41.04	48.841106	-86.938965	56125.00	56291.2	-41.23	56083.77	56087.26563	56047.24786	56054.75781	504478.4	5409794.4
L4480.0	504478.4	5409794.4	85538.79688	234.89	41.36	48.841106	-86.938965	56126.33	56291.2	-41.24	56085.09	56088.53516	56047.45675	56054.94531	504478.4	5409794.4
L4480.0	504478.4	5409791.8	85538.89844	233.57	41.36	48.841084	-86.938965	56126.06	56291.2	-41.25	56084.81	56088.19922	56047.77698	56055.24219	504478.4	5409791.8
L4480.0	504478.4	5409791.8	85539.00000	235.63	41.89	48.841084	-86.938965	56127.73	56291.3	-41.25	56086.48	56089.81641	56047.97163	56055.41406	504478.4	5409791.8
L4480.0	504478.5	5409790.4	85539.10156	234.31	41.89	48.841071	-86.938965	56126.43	56291.3	-41.25	56085.18	56088.46094	56048.36845	56055.78516	504478.5	5409790.4
L4480.0	504478.5	5409789.2	85539.20313	234.60	42.02	48.841060	-86.938965	56127.84	56291.3	-41.26	56086.58	56089.80469	56048.58925	56055.98047	504478.5	5409789.2
L4480.0	504478.5	5409787.8	85539.29688	234.95	41.62	48.841047	-86.938965	56128.79	56291.3	-41.26	56087.53	56090.69922	56048.84380	56056.21094	504478.5	5409787.8
L4480.0	504478.5	5409786.4	85539.39844	235.07	41.62	48.841035	-86.938965	56128.74	56291.3	-41.27	56087.47	56090.58203	56049.16928	56056.51172	504478.5	5409786.4
L4480.0	504478.5	5409785.2	85539.50000	234.79	36.03	48.841024	-86.938965	56129.54	56291.3	-41.27	56088.27	56091.32422	56049.44085	56056.75781	504478.5	5409785.2
L4480.0	504478.5	5409784.4	85539.60156	232.31	36.03	48.841017	-86.938965	56129.56	56291.3	-41.27	56088.28	56091.27734	56049.76838	56057.05859	504478.5	5409784.4
L4480.0	504478.5	5409783.3	85539.70313	233.67	36.73	48.841006	-86.938965	56130.54	56291.3	-41.28	56089.26	56092.19922	56050.03441	56057.29688	504478.5	5409783.3
L4480.0	504478.5	5409781.8	85539.79688	233.68	36.22	48.840994	-86.938965	56131.93	56291.3	-41.28	56090.64	56093.51953	56050.27684	56057.51172	504478.5	5409781.8
L4480.0	504478.5	5409780.6	85539.89844	233.92	35.09	48.840983	-86.938965	56131.73	56291.3	-41.29	56090.44	56093.26172	56050.62758	56057.83594	504478.5	5409780.6
L4480.0	504478.4	5409779.2	85540.00000	235.49	35.09	48.840970	-86.938965	56131.14	56291.3	-41.29	56089.85	56092.61328	56051.00724	56058.18750	504478.4	5409779.2
L4480.0	504478.4	5409779.2	85540.10156	238.08	35.16	48.840970	-86.938965	56131.52	56291.3	-41.30	56090.23	56092.93359	56051.32510	56058.47656	504478.4	5409779.2
L4480.0	504478.4	5409777.8	85540.20313	222.94	35.16	48.840957	-86.938965	56132.23	56291.3	-41.30	56090.93	56093.57031	56051.62447	56058.74609	504478.4	5409777.8
L4480.0	504478.4	5409776.1	85540.29688	223.61	38.07	48.840942	-86.938965	56132.98	56291.3	-41.31	56091.68	56094.26172	56051.92332	56059.01563	504478.4	5409776.1
L4480.0	504478.4	5409775.2	85540.39844	225.47	38.23	48.840934	-86.938966	56132.77	56291.3	-41.31	56091.45	56093.96875	56052.29033	56059.35156	504478.4	5409775.2
L4480.0	504478.4	5409773.9	85540.50000	223.72	38.23	48.840922	-86.938966	56133.57	56291.3	-41.32	56092.25	56094.70703	56052.59150	56059.62109	504478.4	5409773.9
L4480.0	504478.4	5409772.5	85540.60156	225.29	37.7	48.840910	-86.938966	56132.52	56291.3	-41.33	56091.19	56093.58594	56053.01953	56060.01563	504478.4	5409772.5
L4480.0	504478.3	5409771.1	85540.60156	225.29	30.49	48.840897	-86.938966	56131.78	56291.3	-41.33	56090.45	56092.78125	56053.42912	56060.39453	504478.3	5409771.1
L4480.0	504478.3	5409771.1	85540.79688	224.91	33.11	48.840897	-86.938966	56134.23	56291.3	-41.34	56092.89	56095.16016	56053.62966	56060.56250	504478.3	5409771.1
L4480.0	504478.3	5409768.5	85540.89844	221.74	33.11	48.840873	-86.938967	56132.96	56291.3	-41.34	56091.61	56093.81641	56054.08119	56060.98047	504478.3	5409768.5
L4480.0	504478.3	5409767.0	85541.00000	222.37	36.25	48.840860	-86.938967	56133.92	56291.3	-41.35	56092.57	56094.71094	56054.38645	56061.25391	504478.3	5409767.0
L4480.0	504478.3	5409767.0	85541.10156	223.31	37.47	48.840860	-86.938967	56134.64	56291.4	-41.35	56093.28	56095.35547	56054.71150	56061.54688	504478.3	5409767.0

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4480.0	504478.3	5409765.8	85541.20313	224.00	33.32	48.840849	-86.938967	56133.53	56291.4	-41.36	56092.17	56094.18359	56055.16110	56061.96094	504478.3	5409765.8
L4480.0	504478.3	5409764.3	85541.29688	223.42	33.32	48.840836	-86.938968	56134.18	56291.4	-41.36	56092.82	56094.76563	56055.49664	56062.26172	504478.3	5409764.3
L4480.0	504478.3	5409762.9	85541.39844	222.22	34.21	48.840823	-86.938968	56134.55	56291.4	-41.36	56093.19	56095.07031	56055.85421	56062.58203	504478.3	5409762.9
L4480.0	504478.3	5409762.9	85541.50000	223.88	37.68	48.840823	-86.938968	56134.46	56291.4	-41.36	56093.09	56094.90625	56056.24655	56062.94141	504478.3	5409762.9
L4480.0	504478.3	5409761.5	85541.60156	226.33	37.68	48.840811	-86.938968	56134.84	56291.4	-41.37	56093.47	56095.21875	56056.61041	56063.26563	504478.3	5409761.5
L4480.0	504478.2	5409759.3	85541.70313	226.32	39	48.840791	-86.938968	56134.51	56291.4	-41.37	56093.14	56094.82031	56057.02519	56063.64453	504478.2	5409759.3
L4480.0	504478.2	5409759.3	85541.79688	223.40	41.44	48.840791	-86.938968	56135.70	56291.4	-41.37	56094.33	56095.94531	56057.34232	56063.92578	504478.2	5409759.3
L4480.0	504478.2	5409757.4	85541.89844	224.79	42.16	48.840774	-86.938968	56135.16	56291.4	-41.38	56093.78	56095.32813	56057.77918	56064.32422	504478.2	5409757.4
L4480.0	504478.2	5409756.0	85542.00000	223.73	41.81	48.840761	-86.938968	56135.22	56291.4	-41.38	56093.84	56095.32031	56058.17917	56064.68750	504478.2	5409756.0
L4480.0	504478.2	5409756.0	85542.10156	223.46	41.81	48.840761	-86.938968	56135.90	56291.4	-41.38	56094.52	56095.93359	56058.54169	56065.01172	504478.2	5409756.0
L4480.0	504478.2	5409754.5	85542.20313	225.69	39.53	48.840747	-86.938968	56135.41	56291.4	-41.38	56094.03	56095.37500	56058.98611	56065.41406	504478.2	5409754.5
L4480.0	504478.2	5409753.1	85542.29688	227.26	37.9	48.840735	-86.938968	56136.63	56291.4	-41.38	56095.25	56096.52344	56059.32048	56065.71094	504478.2	5409753.1
L4480.0	504478.3	5409751.9	85542.39844	224.94	37.9	48.840724	-86.938968	56136.39	56291.4	-41.38	56095.00	56096.20703	56059.75683	56066.10938	504478.3	5409751.9
L4480.0	504478.3	5409750.9	85542.50000	224.33	38.75	48.840715	-86.938968	56136.61	56291.4	-41.38	56095.22	56096.35547	56060.16585	56066.47656	504478.3	5409750.9
L4480.0	504478.3	5409749.0	85542.60156	221.86	38.75	48.840698	-86.938968	56136.56	56291.4	-41.39	56095.17	56096.23828	56060.59687	56066.86719	504478.3	5409749.0
L4480.0	504478.3	5409747.6	85542.60156	221.86	44	48.840686	-86.938968	56137.95	56291.4	-41.39	56096.56	56097.55859	56060.93592	56067.16406	504478.3	5409747.6
L4480.0	504478.3	5409744.7	85543.00000	220.76	41.23	48.840660	-86.938967	56138.14	56291.4	-41.39	56096.75	56097.67578	56061.35897	56067.54688	504478.3	5409744.7
L4480.0	504478.3	5409742.0	85543.20313	221.80	43.59	48.840635	-86.938967	56140.61	56291.4	-41.40	56099.21	56100.06641	56061.63468	56067.78125	504478.3	5409742.0
L4480.0	504478.3	5409740.5	85543.29688	221.65	42.79	48.840622	-86.938967	56141.65	56291.4	-41.40	56100.24	56101.02734	56062.00969	56068.11328	504478.3	5409740.5
L4480.0	504478.3	5409740.5	85543.39844	221.32	42.79	48.840622	-86.938967	56142.30	56291.4	-41.41	56100.89	56101.60547	56062.41396	56068.47266	504478.3	5409740.5
L4480.0	504478.3	5409739.3	85543.50000	221.66	45.26	48.840611	-86.938967	56143.64	56291.4	-41.42	56102.23	56102.87500	56062.77611	56068.79297	504478.3	5409739.3
L4480.0	504478.4	5409738.0	85543.60156	222.79	45.65	48.840600	-86.938967	56142.17	56291.4	-41.42	56100.75	56101.32031	56063.33008	56069.30469	504478.4	5409738.0
L4480.0	504478.4	5409736.5	85543.70313	224.54	39.58	48.840586	-86.938967	56141.96	56291.4	-41.43	56100.54	56101.03906	56063.80315	56069.73438	504478.4	5409736.5
L4480.0	504478.4	5409734.7	85543.79688	222.36	39.58	48.840570	-86.938967	56143.82	56291.4	-41.43	56102.39	56102.81641	56064.14257	56070.02734	504478.4	5409734.7
L4480.0	504478.4	5409734.7	85543.89844	223.02	40.93	48.840570	-86.938967	56145.51	56291.4	-41.44	56104.08	56104.43750	56064.49627	56070.33594	504478.4	5409734.7
L4480.0	504478.4	5409732.3	85544.00000	223.43	40.93	48.840548	-86.938967	56146.38	56291.4	-41.44	56104.93	56105.21484	56064.90949	56070.70313	504478.4	5409732.3
L4480.0	504478.4	5409732.3	85544.10156	224.55	37.96	48.840548	-86.938967	56147.40	56291.4	-41.44	56105.96	56106.17188	56065.31415	56071.06250	504478.4	5409732.3
L4480.0	504478.4	5409731.1	85544.20313	222.89	40.48	48.840538	-86.938967	56147.67	56291.4	-41.44	56106.23	56106.36719	56065.77281	56071.47656	504478.4	5409731.1
L4480.0	504478.4	5409729.7	85544.29688	221.84	40.48	48.840525	-86.938967	56148.50	56291.4	-41.44	56107.06	56107.12500	56066.19738	56071.85547	504478.4	5409729.7
L4480.0	504478.4	5409727.7	85544.39844	222.37	32.97	48.840507	-86.938967	56148.83	56291.4	-41.44	56107.39	56107.38281	56066.65840	56072.26953	504478.4	5409727.7
L4480.0	504478.4	5409727.7	85544.50000	222.77	38.04	48.840507	-86.938967	56149.61	56291.4	-41.43	56108.17	56108.08984	56067.09244	56072.65625	504478.4	5409727.7
L4480.0	504478.4	5409725.8	85544.60156	222.81	38.04	48.840489	-86.938967	56150.81	56291.4	-41.43	56109.38	56109.22656	56067.50073	56073.01953	504478.4	5409725.8
L4480.0	504478.4	5409725.8	85544.60156	222.81	35.23	48.840489	-86.938967	56152.21	56291.4	-41.43	56110.77	56110.54297	56067.89980	56073.37109	504478.4	5409725.8
L4480.0	504478.4	5409724.1	85544.79688	222.88	37.79	48.840474	-86.938967	56152.34	56291.4	-41.43	56110.91	56110.60938	56068.38489	56073.80859	504478.4	5409724.1
L4480.0	504478.4	5409722.6	85544.89844	222.16	40.53	48.840460	-86.938967	56153.40	56291.4	-41.43	56111.97	56111.59766	56068.81119	56074.18750	504478.4	5409722.6
L4480.0	504478.4	5409721.2	85545.00000	222.56	40.53	48.840448	-86.938967	56155.00	56291.4	-41.43	56113.57	56113.12109	56069.20393	56074.53125	504478.4	5409721.2
L4480.0	504478.4	5409719.6	85545.10156	222.71	46.17	48.840434	-86.938967	56154.77	56291.4	-41.44	56113.33	56112.80859	56069.72166	56075.00000	504478.4	5409719.6
L4480.0	504478.4	5409718.3	85545.20313	221.49	46.17	48.840422	-86.938967	56155.72	56291.4	-41.45	56114.28	56113.68359	56070.16225	56075.39453	504478.4	5409718.3
L4480.0	504478.4	5409718.3	85545.29688	233.02	45.96	48.840422	-86.938967	56156.65	56291.5	-41.45	56115.19	56114.51953	56070.60758	56075.78906	504478.4	5409718.3
L4480.0	504478.4	5409716.8	85545.39844	234.33	45.88	48.840409	-86.938967	56156.36	56291.5	-41.46	56114.90	56114.15625	56071.13486	56076.26953	504478.4	5409716.8
L4480.0	504478.4	5409715.5	85545.50000	234.22	45.88	48.840397	-86.938967	56157.78	56291.5	-41.47	56116.31	56115.49219	56071.55065	56076.63281	504478.4	5409715.5
L4480.0	504478.4	5409714.3	85545.60156	233.81	46.38	48.840386	-86.938967	56158.84	56291.5	-41.48	56117.36	56116.46875	56071.99214	56077.02734	504478.4	5409714.3
L4480.0	504478.4	5409714.3	85545.70313	234.48	43.56	48.840386	-86.938967	56159.98	56291.5	-41.49	56118.49	56117.52734	56072.42989	56077.41406	504478.4	5409714.3
L4480.0	504478.4	5409712.3	85545.79688	233.80	37.04	48.840368	-86.938967	56160.52	56291.5	-41.49	56119.02	56117.98438	56072.90912	56077.84375	504478.4	5409712.3
L4480.0	504478.4	5409710.8	85545.89844	232.97	37.04	48.840355	-86.938967	56161.75	56291.5	-41.50	56120.24	56119.12891	56073.34369	56078.22656	504478.4	5409710.8
L4480.0	504478.4	5409709.7	85546.00000	233.40	36.29	48.840345	-86.938967	56162.46	56291.5	-41.51	56120.95	56119.76563	56073.81349	56078.64844	504478.4	5409709.7
L4480.0	504478.4	5409708.1	85546.10156	233.83	46.06	48.840331	-86.938967	56163.12	56291.5	-41.51	56121.61	56120.35156	56074.28774	56079.07031	504478.4	5409708.1
L4480.0	504478.4	5409706.9	85546.20313	233.97	38.27	48.840320	-86.938967	56163.83	56291.5	-41.51	56122.31	56120.98047	56074.76031	56079.49219	504478.4	5409706.9
L4480.0	504478.4	5409705.3	85546.29688	235.15	38.27	48.840305	-86.938967	56164.59	56291.5	-41.52	56123.07	56121.66797	56075.22975	56079.91406	504478.4	5409705.3
L4480.0	504478.4	5409705.3	85546.39844	233.25	43.13	48.840305	-86.938967	56165.54	56291.5	-41.52	56124.02	56122.54688	56075.68726	56080.32031	504478.4	5409705.3
L4480.0	504478.4	5409703.8	85546.50000	234.16	43.13	48.840291	-86.938967	56165.77	56291.5	-41.52	56124.25	56122.70313	56076.19340	56080.77344	504478.4	5409703.8
L4480.0	504478.4	5409702.6	85546.60156	232.82	46.59	48.840281	-86.938967	56167.64	56291.5	-41.52	56126.12	56124.50000	56076.59070	56081.12109	504478.4	5409702.6
L4480.0	504478.4	5409701.2	85546.60156	232.82	43.37	48.840268	-86.938967	56167.06	56291.5	-41.52	56125.54	56123.84766	56077.15170	56081.63281	504478.4	5409701.2
L4480.0	504478.4	5409701.2	85546.79688	233.34	43.37	48.840268	-86.938967	56168.57	56291.5	-41.53	56127.04	56125.27734	56077.57428	56082.00391	504478.4	5409701.2
L4480.0	504478.4	5409699.2	85546.89844	232.56	43.83	48.840250	-86.938967	56169.74	56291.5	-41.53	56128.21	56126.37891	56078.01896	56082.39453	504478.4	5409699.2
L4480.0	504478.3	5409697.8	85547.00000	234.87	43.83	48.840237	-86.938967	56169.02	56291.5	-41.53	56127.49	56125.58594	56078.58962	56082.91406	504478.3	5409697.8
L4480.0	504478.3	5409696.3	85547.10156	234.73	43.52	48.840224	-86.938967	56170.90	56291.5	-41.53	56129.37	56127.39844	56078.98679	56083.26172	504478.3	5409696.3
L4480.0	504478.3	5409696.3	85547.20313	234.64	38.21	48.840224	-86.938967	56172.02	56291.5	-41.54	56130.49	56128.44531	56079.43431	56083.65625	504478.3	5409696.3
L4480.0	504478.3	5409694.5	85547.29688	235.80	38.21	48.840208	-86.938967	56173.12	56291.5	-41.54	56131.57	56129.45703	56079.88404	56084.05469	504478.3	5409694.5
L4480.0	504478.3	5409692.9	85547.39844	236.56	44.9	48.840194	-86.938968	56173.54	56291.5	-41.55	56131.99	56129.80859	56080.37717	56084.50000	504478.3	5409692.9
L4480.0	504478.3	5409691.7	85547.50000	236.76	44.94	48.840183	-86.938968	56173.46	56291.6	-41.55	56131.91	56129.66016	56080.90287	56084.97266	504478.3	5409691.7
L4480.0	504478.3	5409690.5	85547.60156	234.38	44.94	48.840172	-86.938968	56175.01	56291.6	-41.55	56133.45	56131.13281	56081.31964	56085.33984	504478.3	5409690.5
L4480.0	504478.3	5409689.0	85547.70313	236.73	41.73	48.840158	-86.938968	56175.91	56291.6	-41.56	56134.35	56131.96484	56081.77797	56085.74609	504478.3	5409689.0
L4480.0	504478.3	5409689.0	85547.79688	235.28	41.73	48.840158	-86.938968	56177.46	56291.6	-41.56	56135.90	56133.44922	56082.19170	56086.10938	504478.3	5409689.0
L4480.0	504478.3	5409687.3	85547.89844	236.71	45.58	48.840143	-86.938968	56176.77	56291.6	-41.57	56135.21	56132.69531	56082.75330	56086.62109	504478.3	5409687.3
L4480.0	504478.3	5409686.1	85548.00000	236.77	46.06	48.840132	-86.938968	56178.56	56291.6	-41.57	56136.99	56134.41016	56083.14858	56086.96484	504478.3	5409686.1
L4480.0	504478.3	5409684.6	85548.10156	238.20	46.06	48.840119	-86.938968	56180.09	56291.6	-41.57	56138.51	56135.86328	56083.55935	56087.32422	504478.3	5409684.6
L4480.0	504478.3	5409682.9	85548.20313	236.80	37.93	48.840103	-86.938968	56180.98	56291.6	-41.58	56139.40	56136.69141	56084.01005	56087.72656	504478.3	5409682.9
L4480.0	504478.3	5409682.9	85548.29688	236.70	37.93	48.840103	-86.938968	56180.79	56291.6	-41.58	56139.20	56136.42969	56084.53115	56088.19531	504478.3	5409682.9
L4480.0	504478.3	5409681.4	85548.39844	234.97	45.06	48.840090	-86.938968	56181.77	56291.6	-41.59	56140.18	56137.34766	56084.97108	56088.58594	504478.3	5409681.4
L4480.0	504478.3	5409679.6	85548.50000	233.70	45.06	48.840074	-86.938969	56183.48	56291.6	-41.59	56141.89	56138.99609	56085.35962	56088.92578	504478.3	5409679.6
L4480.0	504478.3	5409678.2	85548.60156	234.94	35.45	48.840061	-86.938969	56183.68	56291.6	-41.59	56142.08	56139.12500	56085.84651	56089.36328	504478.3	5409678.2
L4480.0	504478.3	5409678.2	85548.60156	234.94	35.45	48.840061	-86.938969	56185.56	56291.6	-41.59	56143.96	56140.94531	56086.21752	56089.68359	504478.3	5409678.2
L4480.0	504478.2	5409676.6	85548.79688	234.53	34.8	48.840047	-86.938969	56186.70	56291.6	-41.60	56145.09	56142.01953	56086.63504	56090.05469	504478.2	5409676.6
L4480.0	504478.2	5409674.9	85548.89844	235.30	34.8	48.840032	-86.938969	56186.67	56291.6	-41.61	56145.07	56141.94141	56087.12548	56090.49609	504478.2	5409674.9
L4480.0	504478.2	5409673.2	85549.00000	238.32	44.93	48.840017	-86.938969	56187.65	56291.6	-41.61	56146.04	56142.85547	56087.54591	56090.86719	504478.2	5409673.2
L4480.0	504478.2	5409673.2	85549.10156	238.89	44.93	48.840017	-86.938969	56189.53	56291.6	-41.61	56147.91	56144.66797	56087.90202	56091.17578	504478.2	5409673.2
L4480.0	504478.2	5409671.5	85549.20313	237.71	35.22	48.840001	-86.938969	56191.60	56291.6	-41.62	56149.98	56146.68359	56088.24022	56091.46875	504478.2	5409671.5
L4480.0	504478.2	5409670.1	85549.29688	237.97	34.93	48.839988	-86.938969	56192.21	56291.6	-41.62	56150.59	56147.24219	56088.67085	56091.85156	504478.2	5409670.1
L4480.0	504478.2	5409670.1	85549.39844	238.10	34.93	48.839988	-86.938969	56192.81	56291.6	-41.62	56151.19	56147.78906	56089.09696	56092.23047	504478.2	5409670.1
L4480.0	504478.2	5409668.7	85549.50000	238.97	36.39	48.839976	-86.938969	56194.02	56291.6	-41.63	56152.40	56148.94922	56089.47690	56092.56250	504478.2	5409668.7
L4480.0	504478.2	5409667.0	85549.60156	238.80	37.52	48.839960	-86.938969	56194.23	56291.6	-41.63	56152.60	56149.10156	56089.91836	56092.96094	504478.2	5409667.0
L4480.0	504478.2	5409665.3	85549.70313	238.28	37.52	48.839945	-86.938969	56196.16	56291.6	-41.63	56154.53	56150.98047	56090.23836	56093.23438	504478.2	5409665.3
L4480.0	504478.2	5409665.3	85549.79688	238.39	39.07	48.839945	-86.938969	56197.98	56291.6	-41.63	56156.35	56152.75391	56090.55923	56093.50781	504478.2	5409665.3
L4480.0	504478.2	5409662.4	85549.89844	239.68	39.07	48.839920	-86.938969	56198.66	56291.6	-41.64	56157.03	56153.39063	56090.94931	56093.85547	504478.2	5409662.4
L4480.0	504478.2	5409662.4	85550.00000	238.84	42.76	48.839920	-86.938969	56199.94	56291.6	-41.64	56158.30	56154.61719	56091.29295	56094.15625	504478.2	5409662.4
L4480.0	504478.2	5409661.2	85550.10156	238.99	42.76	48.839909	-86.938969	56201.56	56291.6	-41.64	56159.92	56156.19531	56091.60581	56094.42578	504478.2	5409661.2
L4480.0	504478.2	5409660.0	85550.20313	239.89	39.98	48.839898	-86.938969	56201.21	56291.6	-41.64	56159.57	56155.80078	56092.04222	56094.82031	504478.2	5409660.0
L4480.0	504478.2	5409658.8	85550.29688	236.59	39.98	48.839887	-86.938969	56202.63	56291.6	-41.64	56160.98	56157.17188	56092.35319	56095.08594	504478.2	5409658.8
L4480.0	504478.2	5409657.1	85550.39844	237.56	37.34	48.839871	-86.938969	56203.79	56291.6	-41.64	56162.15	56158.30469	56092.67172	56095.36328	504478.2	5409657.1
L4480.0	504478.2	5409657.1	85550.50000	238.49	39.07	48.839871	-86.938969	56204.85	56291.6	-41.64	56163.20	56159.32031	56092.98946	56095.64063	504478.2	5409657.1
L4480.0	504478.2	5409654.0	85550.60156	239.20	39.07	48.839843	-86.938969	56206.61	56291.6	-41.65	56164.96	56161.04297	56093.25077	56095.86328	504478.2	5409654.0
L4480.0	504478.2	5409654.0	85550.60156	239.20	34.34	48.839843	-86.938969	56207.02	56291.6	-41.65	56165.37	56161.42188	56093.59263	56096.16406	504478.2	5409654.0

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4480.0	504478.2	5409652.6	85550.79688	238.06	34.34	48.839831	-86.938969	56207.72	56291.6	-41.65	56166.07	56162.08984	56093.90540	56096.43750	504478.2	5409652.6
L4480.0	504478.2	5409650.6	85550.89844	236.13	38.59	48.839813	-86.938969	56208.63	56291.6	-41.65	56166.98	56162.96875	56094.19409	56096.69141	504478.2	5409650.6
L4480.0	504478.2	5409650.6	85551.00000	236.31	38.59	48.839813	-86.938969	56209.68	56291.7	-41.65	56168.03	56163.99219	56094.46303	56096.92188	504478.2	5409650.6
L4480.0	504478.2	5409649.2	85551.10156	235.83	37.99	48.839800	-86.938969	56210.84	56291.7	-41.65	56169.18	56165.11719	56094.71459	56097.13672	504478.2	5409649.2
L4480.0	504478.2	5409649.2	85551.20313	234.97	36.78	48.839800	-86.938969	56212.16	56291.7	-41.66	56170.50	56166.41016	56094.94378	56097.33203	504478.2	5409649.2
L4480.0	504478.2	5409647.5	85551.29688	235.43	36.78	48.839785	-86.938969	56212.93	56291.7	-41.66	56171.27	56167.16016	56095.19832	56097.55078	504478.2	5409647.5
L4480.0	504478.3	5409645.8	85551.39844	234.04	38.99	48.839770	-86.938969	56213.55	56291.7	-41.66	56171.89	56167.75781	56095.45123	56097.76953	504478.3	5409645.8
L4480.0	504478.3	5409644.4	85551.50000	236.24	33.2	48.839757	-86.938969	56214.21	56291.7	-41.67	56172.55	56168.40234	56095.68955	56097.97656	504478.3	5409644.4
L4480.0	504478.3	5409642.5	85551.60156	237.37	33.2	48.839740	-86.938969	56214.77	56291.7	-41.67	56173.10	56168.93359	56095.92302	56098.17578	504478.3	5409642.5
L4480.0	504478.3	5409642.5	85551.70313	238.21	35.77	48.839740	-86.938969	56215.71	56291.7	-41.67	56174.04	56169.85938	56096.11803	56098.33984	504478.3	5409642.5
L4480.0	504478.3	5409640.8	85551.79688	236.70	35.77	48.839725	-86.938969	56216.31	56291.7	-41.67	56174.64	56170.44922	56096.32297	56098.51563	504478.3	5409640.8
L4480.0	504478.3	5409639.7	85551.89844	235.05	31.89	48.839715	-86.938969	56217.42	56291.7	-41.68	56175.74	56171.53906	56096.48159	56098.64453	504478.3	5409639.7
L4480.0	504478.3	5409638.3	85552.00000	233.65	35.99	48.839702	-86.938969	56217.84	56291.7	-41.68	56176.16	56171.94922	56096.67232	56098.80859	504478.3	5409638.3
L4480.0	504478.3	5409637.1	85552.10156	235.84	35.99	48.839691	-86.938969	56219.28	56291.7	-41.68	56177.60	56173.38281	56096.78159	56098.89063	504478.3	5409637.1
L4480.0	504478.3	5409637.1	85552.20313	234.96	35.99	48.839691	-86.938969	56218.86	56291.7	-41.68	56177.18	56172.96094	56097.00117	56099.08203	504478.3	5409637.1
L4480.0	504478.3	5409635.3	85552.29688	235.48	38.45	48.839676	-86.938969	56220.38	56291.7	-41.68	56178.70	56174.48047	56097.07752	56099.13281	504478.3	5409635.3
L4480.0	504478.3	5409634.3	85552.39844	233.72	36.59	48.839666	-86.938969	56218.77	56291.7	-41.68	56177.09	56172.87109	56097.34843	56099.38281	504478.3	5409634.3
L4480.0	504478.3	5409632.9	85552.50000	234.38	36.79	48.839653	-86.938969	56220.18	56291.7	-41.68	56178.50	56174.28516	56097.40372	56099.41406	504478.3	5409632.9
L4480.0	504478.3	5409631.4	85552.60156	233.84	36.79	48.839640	-86.938969	56221.39	56291.7	-41.68	56179.71	56175.50000	56097.45787	56099.44531	504478.3	5409631.4
L4480.0	504478.3	5409630.4	85552.60156	233.84	36.79	48.839631	-86.938969	56222.05	56291.7	-41.68	56180.37	56176.16797	56097.53404	56099.50000	504478.3	5409630.4
L4480.0	504478.3	5409630.4	85552.79688	233.02	35.77	48.839631	-86.938969	56221.96	56291.7	-41.68	56180.28	56176.08594	56097.64541	56099.59375	504478.3	5409630.4
L4480.0	504478.3	5409628.8	85552.89844	234.50	31.39	48.839617	-86.938969	56222.15	56291.7	-41.68	56180.47	56176.28906	56097.72318	56099.65234	504478.3	5409628.8
L4480.0	504478.3	5409627.3	85553.00000	233.73	31.39	48.839603	-86.938969	56222.86	56291.7	-41.68	56181.18	56177.01563	56097.75120	56099.66406	504478.3	5409627.3
L4480.0	504478.3	5409627.3	85553.10156	234.13	30.92	48.839603	-86.938969	56222.86	56291.7	-41.68	56181.18	56177.03516	56097.81136	56099.71094	504478.3	5409627.3
L4480.0	504478.3	5409625.5	85553.20313	236.62	38.54	48.839587	-86.938969	56223.04	56291.7	-41.68	56181.36	56177.23438	56097.84422	56099.73047	504478.3	5409625.5
L4480.0	504478.3	5409624.2	85553.29688	233.93	38.54	48.839576	-86.938969	56222.96	56291.7	-41.68	56181.28	56177.17969	56097.87900	56099.75000	504478.3	5409624.2
L4480.0	504478.3	5409622.4	85553.39844	234.11	31.92	48.839559	-86.938969	56223.68	56291.7	-41.68	56182.00	56177.92578	56097.84496	56099.70313	504478.3	5409622.4
L4480.0	504478.3	5409620.7	85553.50000	235.16	31.92	48.839544	-86.938969	56223.02	56291.7	-41.68	56181.34	56177.29297	56097.88736	56099.73828	504478.3	5409620.7
L4480.0	504478.3	5409620.7	85553.60156	237.25	31.92	48.839544	-86.938969	56223.57	56291.7	-41.68	56181.89	56177.87500	56097.83345	56099.67578	504478.3	5409620.7
L4480.0	504478.3	5409619.5	85553.70313	236.88	32.16	48.839533	-86.938969	56223.25	56291.7	-41.68	56181.57	56177.58984	56097.82187	56099.65625	504478.3	5409619.5
L4480.0	504478.3	5409618.1	85553.79688	235.37	34.64	48.839520	-86.938968	56223.24	56291.7	-41.68	56181.56	56177.61719	56097.77388	56099.60156	504478.3	5409618.1
L4480.0	504478.3	5409616.9	85553.89844	233.27	34.64	48.839510	-86.938968	56222.55	56291.7	-41.68	56180.87	56176.96484	56097.75546	56099.57813	504478.3	5409616.9
L4480.0	504478.3	5409615.4	85554.00000	234.36	35.43	48.839496	-86.938968	56223.38	56291.7	-41.68	56181.70	56177.83594	56097.61992	56099.44141	504478.3	5409615.4
L4480.0	504478.4	5409614.1	85554.10156	236.03	35.1	48.839485	-86.938968	56222.24	56291.7	-41.68	56180.56	56176.74219	56097.59991	56099.41797	504478.4	5409614.1
L4480.0	504478.4	5409614.1	85554.20313	224.94	36.09	48.839485	-86.938968	56222.73	56291.7	-41.68	56181.05	56177.28125	56097.45541	56099.27344	504478.4	5409614.1
L4480.0	504478.4	5409612.4	85554.29688	224.16	35.6	48.839470	-86.938968	56222.18	56291.7	-41.69	56180.49	56176.77344	56097.36509	56099.18750	504478.4	5409612.4
L4480.0	504478.4	5409611.0	85554.39844	222.51	35.6	48.839456	-86.938968	56222.61	56291.7	-41.69	56180.92	56177.25781	56097.19297	56099.01563	504478.4	5409611.0
L4480.0	504478.4	5409609.6	85554.50000	223.28	35.41	48.839444	-86.938968	56221.20	56291.7	-41.69	56179.51	56175.90625	56097.12770	56098.95703	504478.4	5409609.6
L4480.0	504478.4	5409609.6	85554.60156	223.13	35.41	48.839444	-86.938968	56222.05	56291.7	-41.69	56180.36	56176.81641	56096.89599	56098.73047	504478.4	5409609.6
L4480.0	504478.4	5409608.3	85554.60156	223.13	32.87	48.839433	-86.938968	56221.05	56291.7	-41.69	56179.36	56175.87891	56096.77184	56098.61328	504478.4	5409608.3
L4480.0	504478.4	5409606.6	85554.79688	224.06	34.04	48.839417	-86.938968	56220.90	56291.7	-41.70	56179.21	56175.79297	56096.57530	56098.42969	504478.4	5409606.6
L4480.0	504478.4	5409605.0	85554.89844	221.65	34.04	48.839402	-86.938968	56220.92	56291.7	-41.70	56179.22	56175.87500	56096.35238	56098.21484	504478.4	5409605.0
L4480.0	504478.4	5409603.5	85555.00000	221.81	32.47	48.839389	-86.938968	56220.66	56291.7	-41.70	56178.96	56175.68750	56096.13180	56098.00781	504478.4	5409603.5
L4480.0	504478.4	5409600.5	85555.29688	220.45	35.71	48.839362	-86.938968	56218.84	56291.7	-41.71	56177.12	56173.92188	56096.00091	56097.89453	504478.4	5409600.5
L4480.0	504478.4	5409599.0	85555.39844	220.17	35.36	48.839349	-86.938968	56218.75	56291.7	-41.72	56177.03	56173.91016	56095.73776	56097.64453	504478.4	5409599.0
L4480.0	504478.3	5409597.6	85555.50000	221.61	35.36	48.839336	-86.938968	56218.68	56291.7	-41.72	56176.96	56173.92578	56095.45771	56097.38281	504478.3	5409597.6
L4480.0	504478.3	5409596.4	85555.60156	221.64	27.73	48.839326	-86.938969	56218.67	56291.7	-41.72	56176.95	56174.00000	56095.15815	56097.10547	504478.3	5409596.4
L4480.0	504478.3	5409594.9	85555.70313	224.70	27.73	48.839312	-86.938969	56217.63	56291.7	-41.73	56175.90	56173.03906	56094.91244	56096.87891	504478.3	5409594.9
L4480.0	504478.3	5409594.9	85555.79688	223.80	27.25	48.839312	-86.938969	56217.17	56291.7	-41.73	56175.44	56172.67188	56094.61197	56096.60156	504478.3	5409594.9
L4480.0	504478.3	5409593.0	85555.89844	223.31	28.77	48.839295	-86.938969	56217.02	56291.7	-41.74	56175.28	56172.60547	56094.27609	56096.29297	504478.3	5409593.0
L4480.0	504478.3	5409592.0	85556.00000	223.51	28.77	48.839285	-86.938969	56215.09	56291.7	-41.74	56173.35	56170.77734	56094.04285	56096.08594	504478.3	5409592.0
L4480.0	504478.3	5409590.3	85556.10156	222.57	27.36	48.839271	-86.938969	56214.82	56291.7	-41.74	56173.08	56170.60938	56093.68361	56095.75391	504478.3	5409590.3
L4480.0	504478.3	5409589.1	85556.20313	223.10	31.43	48.839260	-86.938969	56215.13	56291.7	-41.74	56173.39	56171.02344	56093.27041	56095.37109	504478.3	5409589.1
L4480.0	504478.3	5409587.7	85556.29688	235.63	33.56	48.839247	-86.938969	56214.88	56291.7	-41.74	56173.14	56170.88281	56092.87928	56095.01563	504478.3	5409587.7
L4480.0	504478.3	5409586.4	85556.39844	235.26	36.78	48.839236	-86.938969	56213.81	56291.7	-41.74	56172.07	56169.92578	56092.52757	56094.69531	504478.3	5409586.4
L4480.0	504478.3	5409586.4	85556.50000	235.13	36.78	48.839236	-86.938969	56213.86	56291.7	-41.74	56172.12	56170.08984	56092.08598	56094.28906	504478.3	5409586.4
L4480.0	504478.3	5409584.5	85556.60156	234.06	36.78	48.839218	-86.938969	56212.19	56291.7	-41.74	56170.45	56168.54297	56091.74386	56093.98828	504478.3	5409584.5
L4480.0	504478.3	5409583.1	85556.60156	234.06	34.8	48.839206	-86.938969	56212.17	56291.7	-41.74	56170.43	56168.64453	56091.27656	56093.55859	504478.3	5409583.1
L4480.0	504478.3	5409583.1	85556.79688	233.65	34.8	48.839206	-86.938969	56210.56	56291.7	-41.74	56168.82	56167.16016	56090.90009	56093.22266	504478.3	5409583.1
L4480.0	504478.3	5409580.7	85556.89844	233.26	35.72	48.839184	-86.938969	56210.59	56291.7	-41.74	56168.85	56167.32031	56090.39912	56092.76563	504478.3	5409580.7
L4480.0	504478.3	5409579.4	85557.00000	233.14	35.98	48.839173	-86.938969	56210.48	56291.7	-41.74	56168.74	56167.34375	56089.89231	56092.30469	504478.3	5409579.4
L4480.0	504478.3	5409579.4	85557.10156	233.47	36.4	48.839173	-86.938969	56209.68	56291.7	-41.74	56167.93	56166.67188	56089.41701	56091.87891	504478.3	5409579.4
L4480.0	504478.3	5409578.0	85557.20313	234.75	36.4	48.839160	-86.938969	56208.93	56291.7	-41.74	56167.18	56166.06250	56088.92252	56091.43359	504478.3	5409578.0
L4480.0	504478.3	5409576.6	85557.29688	235.17	32.3	48.839147	-86.938969	56208.12	56291.7	-41.75	56166.37	56165.39844	56088.41684	56090.97656	504478.3	5409576.6
L4480.0	504478.3	5409575.1	85557.39844	235.08	32.3	48.839134	-86.938969	56206.91	56291.7	-41.75	56165.16	56164.33594	56087.92261	56090.53516	504478.3	5409575.1
L4480.0	504478.3	5409575.1	85557.50000	234.95	34.43	48.839134	-86.938969	56206.93	56291.8	-41.75	56165.18	56164.50781	56087.33113	56090.00000	504478.3	5409575.1
L4480.0	504478.3	5409573.4	85557.60156	234.74	30.67	48.839118	-86.938969	56205.31	56291.8	-41.75	56163.56	56163.04297	56086.83371	56089.55859	504478.3	5409573.4
L4480.0	504478.3	5409571.9	85557.70313	233.59	30.67	48.839105	-86.938969	56205.48	56291.8	-41.75	56163.73	56163.37109	56086.20164	56088.98438	504478.3	5409571.9
L4480.0	504478.3	5409570.7	85557.79688	236.69	30.67	48.839095	-86.938969	56204.10	56291.8	-41.76	56162.34	56162.14063	56085.65819	56088.50391	504478.3	5409570.7
L4480.0	504478.3	5409569.3	85557.89844	234.56	35.65	48.839082	-86.938969	56203.23	56291.8	-41.76	56161.48	56161.44922	56085.06400	56087.97266	504478.3	5409569.3
L4480.0	504478.3	5409567.9	85558.00000	236.21	27	48.839069	-86.938969	56203.35	56291.8	-41.76	56161.59	56161.72656	56084.38965	56087.36328	504478.3	5409567.9
L4480.0	504478.3	5409566.1	85558.10156	235.06	30.49	48.839053	-86.938969	56200.53	56291.8	-41.76	56158.76	56159.07031	56083.89575	56086.93359	504478.3	5409566.1
L4480.0	504478.3	5409566.1	85558.20313	236.35	30.49	48.839053	-86.938969	56201.24	56291.8	-41.77	56159.47	56159.95703	56083.15022	56086.25781	504478.3	5409566.1
L4480.0	504478.3	5409564.6	85558.29688	235.56	36.49	48.839040	-86.938969	56199.00	56291.8	-41.78	56157.23	56157.89453	56082.58565	56085.76172	504478.3	5409564.6
L4480.0	504478.3	5409564.6	85558.39844	234.98	36.33	48.839040	-86.938969	56198.16	56291.8	-41.78	56156.38	56157.23047	56081.91259	56085.16016	504478.3	5409564.6
L4480.0	504478.3	5409561.8	85558.50000	234.93	31.26	48.839014	-86.938969	56198.78	56291.8	-41.78	56156.99	56158.02734	56081.12630	56084.44922	504478.3	5409561.8
L4480.0	504478.3	5409561.8	85558.60156	234.54	31.26	48.839014	-86.938969	56195.81	56291.8	-41.79	56154.01	56155.23828	56080.56333	56083.96094	504478.3	5409561.8
L4480.0	504478.3	5409560.3	85558.60156	234.54	31.26	48.839001	-86.938969	56196.27	56291.8	-41.79	56154.48	56155.90234	56079.75423	56083.23047	504478.3	5409560.3
L4480.0	504478.3	5409558.8	85558.79688	235.16	34.71	48.838987	-86.938969	56195.45	56291.8	-41.80	56153.65	56155.26953	56079.01553	56082.57031	504478.3	5409558.8
L4480.0	504478.3	5409557.8	85558.89844	235.48	34.06	48.838979	-86.938969	56195.18	56291.8	-41.81	56153.38	56155.19922	56078.22312	56081.85938	504478.3	5409557.8
L4480.0	504478.3	5409556.6	85559.00000	233.21	34.06	48.838968	-86.938969	56194.58	56291.8	-41.81	56152.77	56154.79297	56077.43686	56081.15625	504478.3	5409556.6
L4480.0	504478.3	5409555.5	85559.10156	229.69	36.09	48.838957	-86.938969	56193.48	56291.8	-41.81	56151.67	56153.89844	56076.66660	56080.46875	504478.3	5409555.5
L4480.0	504478.3	5409554.0	85559.20313	228.42	36.09	48.838944	-86.938969	56192.42	56291.8	-41.81	56150.61	56153.05078	56075.87685	56079.76563	504478.3	5409554.0
L4480.0	504478.3	5409554.0	85559.29688	229.42	35.02	48.838944	-86.938969	56191.90	56291.8	-41.82	56150.09	56152.74609	56075.03413	56079.01172	504478.3	5409554.0
L4480.0	504478.3	5409552.0	85559.39844	230.51	35.02	48.838926	-86.938969	56189.20	56291.8	-41.82	56147.38	56150.25000	56074.32027	56078.39063	504478.3	5409552.0
L4480.0	504478.3	5409550.4	85559.50000	230.33	32.43	48.838911	-86.938969	56188.96	56291.8	-41.82	56147.14	56150.23047	56073.42444	56077.58594	504478.3	5409550.4
L4480.0	504478.3	5409549.2	85559.60156	233.26	31.68	48.838900	-86.938969	56187.90	56291.8	-41.82	56146.08	56149.39453	56072.56579	56076.82031	504478.3	5409549.2
L4480.0	504478.3	5409547.9	85559.70313	233.08	30.64	48.838889	-86.938970	56187.48	56291.8	-41.82	56145.66	56149.20313	56071.64683	56075.99609	504478.3	5409547.9
L4480.0	504478.3	5409547.9	85559.79688	233.64	30.64	48.838889	-86.938970	56186.48	56291.8	-41.83	56144.65	56148.42188	56070.74937	56075.19531	504478.3	5409547.9
L4480.0	504478.3	5409546.0	85559.89844	235.41	30.64	48.838872	-86.938970	56185.63	56291.8	-41.83	56143.80	56147.80469	56069.82323	56074.36719	504478.3	5409546.0
L4480.0	504478.3	5409544.5	85560.00000	224.84	32.97	48.838859	-86.938970	56184.02	56291.8	-41.83	56142.19	56146.42969	56068.92955	56073.57422	504478.3	5409544.5
L4480.0	504478.3	5409543.4	85560.10156	226.18	32.97	48.838849	-86.938970	56182.57	56291.8	-41.83	56140.74	56145.21875	56068.00682	56072.75391	504478.3	5409543.4
L4480.0	504478.3	5409542.1	85560.20313	236.94	32.13	48.838837	-86.938970	56181.88	56291.8	-41.83	56140.05	56144.76953	56067.01485	56071.86328	504478.3	5409542.1

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4480.0	504478.3	5409540.7	85560.29688	237.61	32.13	48.838824	-86.938970	56181.34	56291.8	-41.83	56139.51	56144.47266	56065.99413	56070.94922	504478.3	5409540.7
L4480.0	504478.3	5409539.3	85560.39844	238.32	32.32	48.838812	-86.938970	56179.96	56291.8	-41.83	56138.13	56143.33984	56065.01047	56070.07031	504478.3	5409539.3
L4480.0	504478.3	5409539.3	85560.50000	237.76	33	48.838812	-86.938970	56178.68	56291.8	-41.83	56136.85	56142.30859	56064.00103	56069.16797	504478.3	5409539.3
L4480.0	504478.3	5409537.6	85560.60156	238.06	35.86	48.838796	-86.938970	56178.26	56291.8	-41.83	56136.43	56142.14063	56062.91496	56068.19141	504478.3	5409537.6
L4480.0	504478.3	5409536.2	85560.60156	238.06	35.86	48.838784	-86.938970	56175.70	56291.8	-41.83	56133.86	56139.82422	56061.95277	56067.33984	504478.3	5409536.2
L4480.0	504478.3	5409534.8	85560.79688	234.48	37.84	48.838771	-86.938970	56174.68	56291.8	-41.83	56132.85	56139.07031	56060.86694	56066.36328	504478.3	5409534.8
L4480.0	504478.3	5409534.8	85560.89844	234.39	37.84	48.838771	-86.938970	56173.94	56291.8	-41.83	56132.11	56138.58984	56059.74332	56065.35547	504478.3	5409534.8
L4480.0	504478.3	5409533.1	85561.00000	233.53	36.03	48.838756	-86.938970	56173.03	56291.8	-41.83	56131.20	56137.94141	56058.61110	56064.33594	504478.3	5409533.1
L4480.0	504478.3	5409531.6	85561.10156	234.07	36.03	48.838743	-86.938970	56171.11	56291.8	-41.83	56129.28	56136.28516	56057.52613	56063.36719	504478.3	5409531.6
L4480.0	504478.3	5409530.4	85561.20313	233.61	32.66	48.838731	-86.938970	56170.08	56291.8	-41.83	56128.24	56135.50781	56056.36229	56062.32031	504478.3	5409530.4
L4480.0	504478.3	5409530.4	85561.29688	231.04	34.19	48.838731	-86.938970	56168.35	56291.8	-41.84	56126.52	56134.05469	56055.22345	56061.30078	504478.3	5409530.4
L4480.0	504478.3	5409528.7	85561.39844	233.28	35.53	48.838717	-86.938970	56166.88	56291.8	-41.84	56125.04	56132.84375	56054.04817	56060.24219	504478.3	5409528.7
L4480.0	504478.2	5409527.3	85561.50000	233.27	35.53	48.838704	-86.938970	56165.45	56291.8	-41.84	56123.61	56131.68359	56052.84903	56059.16406	504478.2	5409527.3
L4480.0	504478.2	5409525.6	85561.60156	233.79	34.11	48.838689	-86.938971	56164.02	56291.8	-41.84	56122.18	56130.52734	56051.62928	56058.06641	504478.2	5409525.6
L4480.0	504478.2	5409524.5	85561.70313	234.22	34.11	48.838678	-86.938971	56162.23	56291.8	-41.84	56120.38	56129.00000	56050.41352	56056.97266	504478.2	5409524.5
L4480.0	504478.2	5409523.0	85561.79688	234.80	33.76	48.838665	-86.938971	56160.11	56291.8	-41.85	56118.26	56127.15625	56049.19838	56055.87891	504478.2	5409523.0
L4480.0	504478.2	5409521.5	85561.89844	237.01	34.93	48.838652	-86.938971	56158.29	56291.8	-41.85	56116.44	56125.61328	56047.94249	56054.75000	504478.2	5409521.5
L4480.0	504478.2	5409521.5	85562.00000	235.18	34.93	48.838652	-86.938971	56156.16	56291.8	-41.85	56114.31	56123.75781	56046.68651	56053.61719	504478.2	5409521.5
L4480.0	504478.2	5409520.2	85562.10156	236.08	36.04	48.838640	-86.938971	56153.99	56291.8	-41.85	56112.14	56121.86719	56045.41244	56052.46875	504478.2	5409520.2
L4480.0	504478.2	5409518.7	85562.20313	236.09	36.04	48.838626	-86.938971	56151.95	56291.8	-41.85	56110.11	56120.11719	56044.10832	56051.29297	504478.2	5409518.7
L4480.0	504478.2	5409517.1	85562.29688	236.18	34.65	48.838612	-86.938971	56149.38	56291.8	-41.85	56107.54	56117.82813	56042.81952	56050.13281	504478.2	5409517.1
L4480.0	504478.2	5409517.1	85562.39844	234.57	34.65	48.838612	-86.938971	56148.27	56291.8	-41.85	56106.42	56116.98828	56041.41346	56048.85156	504478.2	5409517.1
L4480.0	504478.2	5409515.6	85562.50000	234.00	33.21	48.838599	-86.938971	56146.09	56291.8	-41.85	56104.25	56115.09766	56040.05689	56047.62500	504478.2	5409515.6
L4480.0	504478.2	5409513.7	85562.60156	233.99	33.21	48.838581	-86.938971	56144.18	56291.8	-41.84	56102.33	56113.46094	56038.66327	56046.35938	504478.2	5409513.7
L4480.0	504478.2	5409513.7	85562.60156	233.99	32.43	48.838581	-86.938971	56140.43	56291.8	-41.84	56098.58	56109.99219	56037.37140	56045.19922	504478.2	5409513.7
L4480.0	504478.2	5409512.0	85562.79688	233.15	34.81	48.838566	-86.938971	56139.14	56291.8	-41.84	56097.30	56108.99219	56035.89479	56043.85156	504478.2	5409512.0
L4480.0	504478.2	5409510.6	85562.89844	231.67	34.81	48.838553	-86.938971	56137.06	56291.8	-41.84	56095.22	56107.19531	56034.45162	56042.53906	504478.2	5409510.6
L4480.0	504478.2	5409509.4	85563.00000	233.46	37.54	48.838542	-86.938971	56134.48	56291.8	-41.84	56092.64	56104.89453	56033.02213	56041.24219	504478.2	5409509.4
L4480.0	504478.2	5409509.4	85563.10156	231.91	37.54	48.838542	-86.938971	56131.29	56291.8	-41.84	56089.45	56101.98828	56031.61388	56039.96484	504478.2	5409509.4
L4480.0	504478.2	5409507.5	85563.20313	232.54	35.81	48.838525	-86.938971	56128.99	56291.8	-41.84	56087.15	56099.96875	56030.12716	56038.60938	504478.2	5409507.5
L4480.0	504478.2	5409506.5	85563.29688	234.22	34.32	48.838517	-86.938971	56125.20	56291.8	-41.85	56083.35	56096.44922	56028.72160	56037.33594	504478.2	5409506.5
L4480.0	504478.2	5409504.5	85563.39844	233.56	34.32	48.838499	-86.938971	56122.32	56291.8	-41.85	56080.47	56093.84766	56027.23622	56035.98047	504478.2	5409504.5
L4480.0	504478.2	5409504.5	85563.50000	234.12	36.79	48.838499	-86.938971	56120.12	56291.8	-41.85	56078.27	56091.92578	56025.68737	56034.56641	504478.2	5409504.5
L4480.0	504478.2	5409502.2	85563.60156	234.20	36.79	48.838478	-86.938971	56117.38	56291.9	-41.85	56075.53	56089.46484	56024.15679	56033.16797	504478.2	5409502.2
L4480.0	504478.2	5409502.2	85563.70313	233.80	34.84	48.838478	-86.938971	56114.61	56291.9	-41.85	56072.75	56086.96094	56022.61159	56031.75391	504478.2	5409502.2
L4480.0	504478.2	5409500.5	85563.79688	233.99	34.84	48.838463	-86.938971	56111.59	56291.9	-41.86	56069.73	56084.21484	56021.06555	56030.33984	504478.2	5409500.5
L4480.0	504478.2	5409499.0	85563.89844	233.97	34.84	48.838449	-86.938971	56108.98	56291.9	-41.86	56067.13	56081.88672	56019.47519	56028.88281	504478.2	5409499.0
L4480.0	504478.2	5409497.6	85564.00000	235.05	36.98	48.838437	-86.938971	56105.06	56291.9	-41.86	56063.20	56078.23047	56017.95771	56027.49609	504478.2	5409497.6
L4480.0	504478.2	5409496.4	85564.10156	234.68	36.98	48.838426	-86.938971	56101.75	56291.9	-41.86	56059.88	56075.17969	56016.38435	56026.05469	504478.2	5409496.4
L4480.0	504478.2	5409496.4	85564.20313	234.45	36.65	48.838426	-86.938971	56096.88	56291.9	-41.86	56055.01	56070.57813	56014.89974	56024.69922	504478.2	5409496.4
L4480.0	504478.2	5409493.7	85564.29688	235.35	36.65	48.838401	-86.938971	56094.94	56291.9	-41.87	56053.07	56068.90234	56013.20587	56023.13672	504478.2	5409493.7
L4480.0	504478.2	5409493.7	85564.39844	233.68	37.96	48.838401	-86.938971	56092.52	56291.9	-41.87	56050.65	56066.74609	56011.53077	56021.58984	504478.2	5409493.7
L4480.0	504478.3	5409491.9	85564.50000	231.98	40.36	48.838386	-86.938971	56089.06	56291.9	-41.87	56047.18	56063.53906	56009.91317	56020.10547	504478.3	5409491.9
L4480.0	504478.3	5409490.5	85564.60156	230.69	40.36	48.838373	-86.938971	56083.84	56291.9	-41.87	56041.97	56058.58594	56008.39988	56018.71875	504478.3	5409490.5
L4480.0	504478.3	5409489.1	85564.60156	230.69	35.38	48.838360	-86.938971	56081.28	56291.9	-41.87	56039.41	56056.28125	56006.69907	56017.14844	504478.3	5409489.1
L4480.0	504478.3	5409489.1	85564.79688	233.29	43.34	48.838360	-86.938971	56076.81	56291.9	-41.88	56034.94	56052.06641	56005.11560	56015.69141	504478.3	5409489.1
L4480.0	504478.3	5409487.6	85564.89844	233.58	43.34	48.838347	-86.938971	56073.40	56291.9	-41.88	56031.52	56048.89453	56003.45309	56014.15625	504478.3	5409487.6
L4480.0	504478.3	5409486.1	85565.00000	235.00	26.66	48.838334	-86.938971	56070.23	56291.9	-41.88	56028.35	56045.97266	56001.76586	56012.59375	504478.3	5409486.1
L4480.0	504478.3	5409485.0	85565.10156	237.21	26.54	48.838323	-86.938971	56068.44	56291.9	-41.88	56026.56	56044.42578	55999.97959	56010.93359	504478.3	5409485.0
L4480.0	504478.3	5409483.5	85565.20313	238.11	26.29	48.838310	-86.938971	56062.42	56291.9	-41.88	56020.54	56038.64453	55998.46939	56009.55078	504478.3	5409483.5
L4480.0	504478.3	5409482.1	85565.29688	238.60	26.29	48.838297	-86.938971	56056.95	56291.9	-41.88	56015.08	56033.42188	55996.91706	56008.12109	504478.3	5409482.1
L4480.0	504478.3	5409482.1	85565.39844	238.38	38.05	48.838297	-86.938971	56054.38	56291.9	-41.88	56012.50	56031.07031	55995.16915	56006.49609	504478.3	5409482.1
L4480.0	504478.3	5409480.7	85565.50000	238.62	38.05	48.838284	-86.938971	56050.86	56291.9	-41.88	56008.98	56027.78125	55993.48156	56004.92969	504478.3	5409480.7
L4480.0	504478.2	5409479.2	85565.60156	236.90	39.13	48.838271	-86.938971	56044.14	56291.9	-41.87	56002.26	56021.28516	55992.00628	56003.57422	504478.2	5409479.2
L4480.0	504478.2	5409478.2	85565.70313	237.57	41.27	48.838262	-86.938971	56041.29	56291.9	-41.87	55999.42	56018.66406	55990.27269	56001.96094	504478.2	5409478.2
L4480.0	504478.2	5409476.7	85565.79688	237.16	42.78	48.838249	-86.938971	56035.71	56291.9	-41.87	55993.83	56013.28906	55988.72422	56000.53125	504478.2	5409476.7
L4480.0	504478.2	5409475.3	85565.89844	237.73	42.78	48.838236	-86.938971	56031.48	56291.9	-41.87	55989.61	56009.28125	55987.08768	55999.01172	504478.2	5409475.3
L4480.0	504478.2	5409473.8	85566.00000	237.39	36.31	48.838223	-86.938972	56027.28	56291.9	-41.87	55985.41	56005.28516	55985.45462	55997.49219	504478.2	5409473.8
L4480.0	504478.2	5409472.1	85566.10156	234.48	39.03	48.838207	-86.938972	56022.84	56291.9	-41.87	55980.96	56001.03516	55983.84464	55995.99609	504478.2	5409472.1
L4480.0	504478.2	5409472.1	85566.20313	234.53	42.33	48.838207	-86.938972	56017.72	56291.9	-41.87	55975.85	55996.12500	55982.28675	55994.55078	504478.2	5409472.1
L4480.0	504478.2	5409470.4	85566.29688	233.70	42.33	48.838192	-86.938972	56012.39	56291.9	-41.88	55970.51	55990.97656	55980.75397	55993.12891	504478.2	5409470.4
L4480.0	504478.2	5409468.9	85566.39844	234.04	36.08	48.838179	-86.938972	56007.38	56291.9	-41.88	55965.50	55986.15234	55979.21076	55991.69531	504478.2	5409468.9
L4480.0	504478.2	5409467.7	85566.50000	233.15	38.2	48.838168	-86.938972	56001.69	56291.9	-41.88	55959.81	55980.64063	55977.72625	55990.32031	504478.2	5409467.7
L4480.0	504478.2	5409467.7	85566.60156	234.40	38.15	48.838168	-86.938972	55996.63	56291.9	-41.88	55954.75	55975.75781	55976.21498	55988.91406	504478.2	5409467.7
L4480.0	504478.2	5409466.2	85566.60156	234.40	40.63	48.838154	-86.938972	55990.38	56291.9	-41.88	55948.50	55969.67578	55974.80019	55987.60547	504478.2	5409466.2
L4480.0	504478.2	5409465.0	85566.79688	235.18	40.63	48.838143	-86.938972	55984.99	56291.9	-41.89	55943.11	55964.44922	55973.34717	55986.25391	504478.2	5409465.0
L4480.0	504478.2	5409463.7	85566.89844	239.18	38.16	48.838132	-86.938972	55979.18	56291.9	-41.89	55937.29	55958.78906	55971.94390	55984.95313	504478.2	5409463.7
L4480.0	504478.2	5409462.2	85567.00000	237.89	37.79	48.838119	-86.938972	55972.34	56291.9	-41.89	55930.45	55952.10156	55970.63174	55983.73828	504478.2	5409462.2
L4480.0	504478.2	5409460.8	85567.10156	235.86	37.79	48.838105	-86.938972	55967.46	56291.9	-41.89	55925.57	55947.36719	55969.21407	55982.41797	504478.2	5409460.8
L4480.0	504478.2	5409459.5	85567.20313	236.86	35.03	48.838094	-86.938972	55962.30	56291.9	-41.89	55920.41	55942.34766	55967.84229	55981.14063	504478.2	5409459.5
L4480.0	504478.2	5409458.1	85567.29688	235.41	35.03	48.838081	-86.938972	55956.38	56291.9	-41.89	55914.49	55936.55859	55966.55050	55979.94531	504478.2	5409458.1
L4480.0	504478.2	5409458.1	85567.39844	234.87	32.97	48.838081	-86.938972	55950.59	56291.9	-41.89	55908.70	55930.89844	55965.28146	55978.76563	504478.2	5409458.1
L4480.0	504478.2	5409455.6	85567.50000	233.67	34.64	48.838059	-86.938972	55944.88	56291.9	-41.90	55902.98	55925.29688	55964.04127	55977.61719	504478.2	5409455.6
L4480.0	504478.2	5409455.6	85567.60156	234.77	34.64	48.838059	-86.938972	55938.17	56291.9	-41.90	55896.28	55918.71094	55962.90205	55976.56250	504478.2	5409455.6
L4480.0	504478.2	5409454.4	85567.70313	233.69	35.68	48.838048	-86.938972	55932.45	56291.9	-41.90	55890.56	55913.10156	55961.73520	55975.48047	504478.2	5409454.4
L4480.0	504478.2	5409452.4	85567.79688	234.45	35.68	48.838030	-86.938971	55926.41	56291.9	-41.90	55884.51	55907.15234	55960.63016	55974.46094	504478.2	5409452.4
L4480.0	504478.2	5409451.0	85567.89844	234.75	36.9	48.838017	-86.938971	55921.56	56291.9	-41.90	55879.66	55902.39453	55959.48696	55973.39844	504478.2	5409451.0
L4480.0	504478.2	5409451.0	85568.00000	235.70	35.97	48.838017	-86.938971	55916.29	56291.9	-41.90	55874.39	55897.21094	55958.41563	55972.40625	504478.2	5409451.0
L4480.0	504478.2	5409449.5	85568.10156	234.20	35.97	48.838004	-86.938971	55910.86	56291.9	-41.90	55868.95	55891.85547	55957.40148	55971.46875	504478.2	5409449.5
L4480.0	504478.3	5409447.1	85568.20313	233.91	36.79	48.837982	-86.938971	55905.64	56291.9	-41.91	55863.73	55886.70703	55956.42044	55970.55859	504478.3	5409447.1
L4480.0	504478.3	5409447.1	85568.29688	234.00	35.26	48.837982	-86.938971	55899.52	56291.9	-41.92	55857.60	55880.64453	55955.54973	55969.76172	504478.3	5409447.1
L4480.0	504478.3	5409445.9	85568.39844	235.72	34.3	48.837971	-86.938971	55894.71	56291.9	-41.92	55852.79	55875.89453	55954.64250	55968.92188	504478.3	5409445.9
L4480.0	504478.3	5409444.2	85568.50000	234.66	34.3	48.837957	-86.938971	55889.48	56291.9	-41.93	55847.55	55870.70703	55953.81714	55968.16406	504478.3	5409444.2
L4480.0	504478.3	5409442.6	85568.60156	235.08	37.79	48.837941	-86.938971	55884.80	56291.9	-41.93	55842.87	55866.07031	55953.00933	55967.42188	504478.3	5409442.6
L4480.0	504478.3	5409442.6	85568.60156	235.08	36.96	48.837941	-86.938971	55880.73	56291.9	-41.93	55838.80	55862.03906	55952.21729	55966.69141	504478.3	5409442.6
L4480.0	504478.3	5409441.1	85568.79688	235.69	36.96	48.837929	-86.938971	55875.94	56291.9	-41.94	55834.00	55857.27344	55951.53186	55966.06641	504478.3	5409441.1
L4480.0	504478.3	5409440.0	85568.89844	234.60	36.91	48.837918	-86.938971	55871.59	56291.9	-41.94	55829.65	55852.94531	55950.87572	55965.46875	504478.3	5409440.0
L4480.0	504478.3	5409438.6	85569.00000	234.13	35.63	48.837905	-86.938971	55868.73	56291.9	-41.95	55826.78	55850.09375	55950.18149	55964.82813	504478.3	5409438.6
L4480.0	504478.3	5409438.6	85569.10156	232.91	35.95	48.837905	-86.938971	55865.25	56291.9	-41.95	55823.30	55846.62109	55949.58966	55964.28906	504478.3	5409438.6
L4480.0	504478.3	5409436.9	85569.20313	231.50	35.95	48.837891	-86.938971	55861.78	56291.9	-41.94	55819.83	55843.15625	55949.05993	55963.80859	504478.3	5409436.9
L4480.0	504478.3	5409436.9	85569.29688	232.36	36.23	48.837891	-86.938971	55858.41	56291.9	-41.94	55816.47	55839.78906	55948.58653	55963.38281	504478.3	5409436.9
L4480.0	504478.3	5409434.5	85569.39844	232.06	36.23	48.837869	-86.938971	55857.20	56291.9	-41.94	55815.26	55838.56641	55948.03425	55962.87500	504478.3	5409434.5
L4480.0	504478.3	5409433.4	85569.50000	233.23	38.12	48.837859	-86.938971	55856.44	56291.9	-41.93	55814.51	55837.79688	55947.51640	55962.39844	504478.3	5409433.4

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4480.0	504478.3	5409432.0	85569.60156	235.19	38.12	48.837846	-86.938971	55853.54	56291.9	-41.93	55811.60	55834.86328	55947.20817	55962.13281	504478.3	5409432.0
L4480.0	504478.3	5409429.7	85569.70313	235.67	35.75	48.837826	-86.938971	55853.10	56291.9	-41.93	55811.17	55834.39844	55946.80058	55961.76172	504478.3	5409429.7
L4480.0	504478.3	5409429.7	85569.79688	236.36	32.96	48.837826	-86.938971	55852.35	56291.9	-41.93	55810.42	55833.60938	55946.48053	55961.47656	504478.3	5409429.7
L4480.0	504478.3	5409428.6	85569.89844	235.17	32.96	48.837816	-86.938971	55853.58	56291.9	-41.92	55811.66	55834.80078	55946.09413	55961.12109	504478.3	5409428.6
L4480.0	504478.3	5409427.4	85570.00000	235.51	33.22	48.837805	-86.938971	55851.84	56291.9	-41.92	55809.92	55833.00391	55945.97265	55961.03125	504478.3	5409427.4
L4480.0	504478.3	5409425.8	85570.10156	236.09	33.22	48.837790	-86.938971	55853.28	56291.9	-41.92	55811.35	55834.37109	55945.70591	55960.78906	504478.3	5409425.8
L4480.0	504478.3	5409425.8	85570.20313	236.24	36.84	48.837790	-86.938971	55852.60	56291.9	-41.93	55810.67	55833.62109	55945.64558	55960.75391	504478.3	5409425.8
L4480.0	504478.3	5409424.1	85570.29688	237.22	36.84	48.837776	-86.938971	55854.85	56291.9	-41.93	55812.91	55835.78906	55945.45586	55960.58594	504478.3	5409424.1
L4480.0	504478.3	5409422.5	85570.39844	234.92	40.43	48.837761	-86.938971	55857.63	56291.9	-41.94	55815.69	55838.48438	55945.29484	55960.44531	504478.3	5409422.5
L4480.0	504478.3	5409421.1	85570.50000	234.53	33.5	48.837748	-86.938971	55859.66	56291.9	-41.94	55817.71	55840.41406	55945.24846	55960.41406	504478.3	5409421.1
L4480.0	504478.3	5409419.7	85570.60156	234.38	34.97	48.837736	-86.938971	55861.78	56291.9	-41.95	55819.83	55842.43750	55945.25854	55960.44141	504478.3	5409419.7
L4480.0	504478.3	5409419.7	85570.60156	234.38	36.42	48.837736	-86.938971	55864.26	56291.9	-41.95	55822.31	55844.81641	55945.30679	55960.50000	504478.3	5409419.7
L4480.0	504478.3	5409418.3	85570.79688	235.18	36.42	48.837724	-86.938971	55866.41	56292	-41.96	55824.45	55846.84375	55945.43879	55960.64063	504478.3	5409418.3
L4480.0	504478.3	5409417.2	85570.89844	236.13	39.05	48.837713	-86.938971	55869.44	56292	-41.97	55827.48	55849.75781	55945.57137	55960.78125	504478.3	5409417.2
L4480.0	504478.2	5409415.7	85571.00000	236.03	42.86	48.837700	-86.938972	55873.06	56292	-41.97	55831.09	55853.24609	55945.72392	55960.93750	504478.2	5409415.7
L4480.0	504478.2	5409414.1	85571.10156	234.95	42.86	48.837685	-86.938972	55877.36	56292	-41.97	55835.39	55857.41797	55945.88772	55961.10547	504478.2	5409414.1
L4480.0	504478.2	5409414.1	85571.20313	234.25	41.97	48.837685	-86.938972	55880.90	56292	-41.97	55838.92	55860.81250	55946.15864	55961.37500	504478.2	5409414.1
L4480.0	504478.2	5409412.2	85571.29688	234.25	41.63	48.837669	-86.938972	55884.42	56292	-41.98	55842.44	55864.19141	55946.48449	55961.69922	504478.2	5409412.2
L4480.0	504478.2	5409410.8	85571.39844	234.12	41.63	48.837656	-86.938972	55887.73	56292	-41.98	55845.75	55867.35156	55946.87699	55962.08594	504478.2	5409410.8
L4480.0	504478.2	5409410.8	85571.50000	236.52	41.33	48.837656	-86.938972	55893.38	56292	-41.98	55851.39	55872.83984	55947.16513	55962.36719	504478.2	5409410.8
L4480.0	504478.2	5409409.4	85571.60156	238.11	40.84	48.837643	-86.938972	55897.14	56292	-41.98	55855.16	55876.44922	55947.62719	55962.82031	504478.2	5409409.4
L4480.0	504478.2	5409407.9	85571.70313	239.13	42.97	48.837630	-86.938972	55901.67	56292	-41.98	55859.69	55880.81641	55948.08607	55963.26563	504478.2	5409407.9
L4480.0	504478.2	5409406.5	85571.79688	238.40	38.11	48.837617	-86.938973	55906.07	56292	-41.99	55864.08	55885.03516	55948.59995	55963.76563	504478.2	5409406.5
L4480.0	504478.2	5409405.0	85571.89844	238.27	38.11	48.837604	-86.938973	55911.16	56292	-41.99	55869.17	55889.94922	55949.11099	55964.26172	504478.2	5409405.0
L4480.0	504478.2	5409405.0	85572.00000	237.31	36.82	48.837604	-86.938973	55915.56	56292	-41.99	55873.57	55894.16797	55949.70999	55964.83984	504478.2	5409405.0
L4480.0	504478.2	5409403.4	85572.10156	236.95	38.04	48.837589	-86.938973	55919.91	56292	-41.99	55877.91	55898.32031	55950.35307	55965.46484	504478.2	5409403.4
L4480.0	504478.2	5409401.9	85572.20313	235.14	38.04	48.837576	-86.938973	55923.98	56292	-42.00	55881.98	55902.19922	55951.05235	55966.14063	504478.2	5409401.9
L4480.0	504478.2	5409400.5	85572.29688	233.25	41.37	48.837563	-86.938973	55928.11	56292	-42.00	55886.10	55906.12500	55951.78458	55966.84766	504478.2	5409400.5
L4480.0	504478.2	5409399.0	85572.39844	233.31	40.9	48.837550	-86.938973	55933.16	56292	-42.01	55891.16	55910.98438	55952.48856	55967.52344	504478.2	5409399.0
L4480.0	504478.2	5409398.3	85572.50000	232.41	40.9	48.837544	-86.938973	55937.99	56292	-42.01	55895.98	55915.59766	55953.24106	55968.25000	504478.2	5409398.3
L4480.0	504478.2	5409396.7	85572.60156	233.56	38.8	48.837529	-86.938973	55941.06	56292	-42.01	55899.04	55918.44531	55954.14156	55969.11719	504478.2	5409396.7
L4480.0	504478.2	5409396.7	85572.60156	233.56	34.72	48.837529	-86.938973	55945.40	56292	-42.01	55903.39	55922.58203	55954.98488	55969.92969	504478.2	5409396.7
L4480.0	504478.2	5409395.2	85572.79688	232.36	30.05	48.837516	-86.938973	55951.35	56292	-42.02	55909.33	55928.30469	55955.74921	55970.65625	504478.2	5409395.2
L4480.0	504478.1	5409393.8	85572.89844	231.73	30.05	48.837503	-86.938973	55954.41	56292	-42.03	55912.38	55931.13281	55956.73142	55971.60156	504478.1	5409393.8
L4480.0	504478.2	5409392.4	85573.00000	222.61	34.12	48.837490	-86.938973	55959.75	56292	-42.03	55917.72	55936.24609	55957.58444	55972.41797	504478.2	5409392.4
L4480.0	504478.2	5409392.4	85573.10156	220.29	31.66	48.837490	-86.938973	55962.20	56292	-42.03	55920.16	55938.45703	55958.65254	55973.44531	504478.2	5409392.4
L4480.0	504478.2	5409390.5	85573.20313	234.08	33.96	48.837473	-86.938973	55966.93	56292	-42.04	55924.89	55942.95313	55959.58806	55974.33984	504478.2	5409390.5
L4480.0	504478.2	5409389.1	85573.29688	234.95	33.96	48.837460	-86.938973	55971.43	56292	-42.04	55929.39	55947.21484	55960.55737	55975.26563	504478.2	5409389.1
L4480.0	504478.2	5409387.6	85573.39844	234.26	40.37	48.837447	-86.938973	55975.73	56292.1	-42.05	55933.68	55951.26563	55961.55756	55976.21875	504478.2	5409387.6
L4480.0	504478.2	5409387.6	85573.50000	234.76	40.6	48.837447	-86.938973	55979.07	56292.1	-42.06	55937.01	55954.35156	55962.63710	55977.25391	504478.2	5409387.6
L4480.0	504478.2	5409385.5	85573.60156	235.79	40.6	48.837428	-86.938973	55982.46	56292.1	-42.06	55940.40	55957.49609	55963.72651	55978.29297	504478.2	5409385.5
L4480.0	504478.2	5409384.3	85573.70313	236.67	37.14	48.837417	-86.938973	55985.32	56292.1	-42.07	55943.25	55960.10156	55964.86436	55979.38281	504478.2	5409384.3
L4480.0	504478.2	5409382.8	85573.79688	236.69	37.14	48.837404	-86.938973	55989.46	56292.1	-42.07	55947.39	55963.98828	55965.92728	55980.39453	504478.2	5409382.8
L4480.0	504478.2	5409381.4	85573.89844	235.80	34.91	48.837391	-86.938973	55993.52	56292.1	-42.08	55951.44	55967.78516	55967.00595	55981.41797	504478.2	5409381.4
L4480.0	504478.2	5409381.4	85574.00000	237.79	36.59	48.837391	-86.938973	55996.68	56292.1	-42.08	55954.60	55970.69141	55968.15243	55982.51172	504478.2	5409381.4
L4480.0	504478.2	5409380.2	85574.10156	238.74	37.75	48.837380	-86.938973	55999.94	56292.1	-42.08	55957.86	55973.69531	55969.29952	55983.60156	504478.2	5409380.2
L4480.0	504478.2	5409378.9	85574.20313	239.37	37.75	48.837369	-86.938972	56000.32	56292.1	-42.08	55958.24	55973.81641	55970.64472	55984.89063	504478.2	5409378.9
L4480.0	504478.2	5409377.5	85574.29688	237.42	39.37	48.837356	-86.938972	56005.43	56292.1	-42.08	55963.34	55978.65625	55971.68026	55985.87109	504478.2	5409377.5
L4480.0	504478.2	5409376.5	85574.39844	237.56	39.24	48.837347	-86.938972	56008.64	56292.1	-42.08	55966.56	55981.61328	55972.84510	55986.97656	504478.2	5409376.5
L4480.0	504478.3	5409374.8	85574.50000	236.16	39.16	48.837332	-86.938972	56010.82	56292.1	-42.08	55968.74	55983.53125	55974.08223	55988.15234	504478.3	5409374.8
L4480.0	504478.3	5409373.4	85574.60156	235.54	39.16	48.837319	-86.938972	56014.46	56292.1	-42.09	55972.37	55986.89844	55975.22472	55989.23438	504478.3	5409373.4
L4480.0	504478.3	5409372.2	85574.60156	235.54	40.22	48.837308	-86.938972	56018.25	56292.1	-42.09	55976.16	55990.42188	55976.35765	55990.30469	504478.3	5409372.2
L4480.0	504478.3	5409371.0	85574.79688	235.91	40.5	48.837297	-86.938972	56021.02	56292.1	-42.09	55978.93	55992.92578	55977.55886	55991.44531	504478.3	5409371.0
L4480.0	504478.3	5409371.0	85574.89844	234.65	40.09	48.837297	-86.938972	56022.91	56292.1	-42.09	55980.82	55994.55078	55978.81821	55992.64063	504478.3	5409371.0
L4480.0	504478.3	5409369.5	85575.00000	234.20	40.09	48.837285	-86.938972	56025.14	56292.1	-42.09	55983.05	55996.51563	55980.05362	55993.81250	504478.3	5409369.5
L4480.0	504478.3	5409367.8	85575.10156	232.86	39.67	48.837269	-86.938972	56028.57	56292.1	-42.10	55986.48	55999.67969	55981.20704	55994.89844	504478.3	5409367.8
L4480.0	504478.3	5409367.3	85575.20313	233.62	40.57	48.837265	-86.938972	56031.48	56292.1	-42.10	55989.38	56002.31250	55982.39315	55996.01953	504478.3	5409367.3
L4480.0	504478.3	5409366.1	85575.29688	233.61	40.79	48.837254	-86.938972	56033.13	56292.1	-42.11	55991.01	56003.67578	55983.66067	55997.22266	504478.3	5409366.1
L4480.0	504478.3	5409364.7	85575.39844	234.52	40.79	48.837241	-86.938971	56034.97	56292.1	-42.12	55992.85	56005.25000	55984.91033	55998.40234	504478.3	5409364.7
L4480.0	504478.3	5409363.2	85575.50000	235.11	42.56	48.837228	-86.938971	56037.93	56292.1	-42.13	55995.81	56007.94531	55986.08094	55999.50781	504478.3	5409363.2
L4480.0	504478.3	5409361.5	85575.60156	235.07	41.2	48.837213	-86.938971	56040.79	56292.1	-42.13	55998.66	56010.52734	55987.25399	56000.61328	504478.3	5409361.5
L4480.0	504478.3	5409360.4	85575.70313	234.90	39.84	48.837202	-86.938971	56041.50	56292.1	-42.14	55999.36	56010.96484	55988.56501	56001.85547	504478.3	5409360.4
L4480.0	504478.3	5409360.4	85575.79688	233.89	39.84	48.837202	-86.938971	56045.02	56292.1	-42.15	56002.87	56014.21094	55989.68290	56002.90234	504478.3	5409360.4
L4480.0	504478.3	5409357.9	85575.89844	233.64	40.02	48.837180	-86.938971	56046.00	56292.2	-42.15	56003.85	56014.92969	55990.96326	56004.11328	504478.3	5409357.9
L4480.0	504478.3	5409357.9	85576.00000	234.46	40.4	48.837180	-86.938971	56048.66	56292.2	-42.16	56006.50	56017.32031	55992.12572	56005.20703	504478.3	5409357.9
L4480.0	504478.3	5409356.5	85576.10156	231.99	38.81	48.837168	-86.938971	56051.32	56292.2	-42.16	56009.16	56019.71875	55993.28060	56006.29297	504478.3	5409356.5
L4480.0	504478.3	5409355.1	85576.20313	231.10	38.81	48.837154	-86.938971	56052.68	56292.2	-42.15	56010.53	56020.83203	55994.51427	56007.45703	504478.3	5409355.1
L4480.0	504478.4	5409353.4	85576.29688	231.25	38.82	48.837140	-86.938971	56055.13	56292.2	-42.15	56012.98	56023.02734	55995.66842	56008.54297	504478.4	5409353.4
L4480.0	504478.4	5409353.4	85576.39844	231.87	39.84	48.837140	-86.938971	56058.09	56292.1	-42.15	56015.95	56025.74219	55996.78014	56009.58203	504478.4	5409353.4
L4480.0	504478.4	5409351.7	85576.50000	233.67	39.84	48.837124	-86.938971	56059.18	56292.1	-42.15	56017.04	56026.57813	55998.00920	56010.74219	504478.4	5409351.7
L4480.0	504478.4	5409350.7	85576.60156	234.83	45.32	48.837115	-86.938971	56061.05	56292.1	-42.14	56018.90	56028.19141	55999.17870	56011.83984	504478.4	5409350.7
L4480.0	504478.4	5409349.6	85576.60156	234.83	35.5	48.837105	-86.938971	56062.80	56292.1	-42.14	56020.65	56029.69141	56000.34713	56012.94141	504478.4	5409349.6
L4480.0	504478.4	5409348.3	85576.79688	234.64	40.55	48.837094	-86.938971	56065.58	56292.1	-42.14	56023.44	56032.23828	56001.43764	56013.96094	504478.4	5409348.3
L4480.0	504478.4	5409346.9	85576.89844	235.31	40.55	48.837081	-86.938970	56067.15	56292.1	-42.13	56025.02	56033.57422	56002.60010	56015.05469	504478.4	5409346.9
L4480.0	504478.4	5409345.4	85577.00000	235.52	41.34	48.837068	-86.938970	56068.59	56292.1	-42.13	56026.46	56034.77344	56003.76303	56016.14844	504478.4	5409345.4
L4480.0	504478.4	5409344.0	85577.10156	233.51	41.41	48.837055	-86.938970	56070.16	56292.1	-42.14	56028.02	56036.09375	56004.90899	56017.22266	504478.4	5409344.0
L4480.0	504478.4	5409344.0	85577.20313	233.30	42.07	48.837055	-86.938970	56071.47	56292.1	-42.15	56029.33	56037.17188	56006.06254	56018.30859	504478.4	5409344.0
L4480.0	504478.4	5409342.6	85577.29688	233.57	42.07	48.837042	-86.938970	56073.95	56292.2	-42.15	56031.80	56039.41016	56007.12961	56019.30859	504478.4	5409342.6
L4480.0	504478.4	5409341.1	85577.39844	235.87	40.58	48.837029	-86.938970	56076.31	56292.2	-42.16	56034.14	56041.51953	56008.19613	56020.30469	504478.4	5409341.1
L4480.0	504478.4	5409339.9	85577.50000	234.39	39.93	48.837018	-86.938970	56076.69	56292.2	-42.17	56034.52	56041.67578	56009.38404	56021.42578	504478.4	5409339.9
L4480.0	504478.4	5409338.7	85577.60156	234.04	35.25	48.837007	-86.938970	56077.42	56292.2	-42.18	56035.24	56042.17188	56010.53997	56022.51563	504478.4	5409338.7
L4480.0	504478.4	5409337.2	85577.70313	233.99	35.25	48.836994	-86.938970	56079.97	56292.2	-42.19	56037.79	56044.50391	56011.56456	56023.47266	504478.4	5409337.2
L4480.0	504478.4	5409335.8	85577.79688	233.79	42.69	48.836981	-86.938970	56081.56	56292.2	-42.19	56039.37	56045.86719	56012.64447	56024.48438	504478.4	5409335.8
L4480.0	504478.4	5409335.8	85577.89844	234.05	45.11	48.836981	-86.938970	56082.96	56292.2	-42.20	56040.76	56047.04297	56013.72768	56025.50391	504478.4	5409335.8
L4480.0	504478.4	5409334.4	85578.00000	234.75	46	48.836969	-86.938970	56084.02	56292.2	-42.21	56041.81	56047.88672	56014.82420	56026.53516	504478.4	5409334.4
L4480.0	504478.4	5409333.0	85578.10156	235.70	47.15	48.836956	-86.938970	56086.52	56292.2	-42.21	56044.31	56050.17969	56015.81471	56027.46094	504478.4	5409333.0
L4480.0	504478.4	5409331.7	85578.20313	235.73	47.15	48.836945	-86.938970	56086.75	56292.2	-42.21	56044.54	56050.21094	56016.94724	56028.53125	504478.4	5409331.7
L4480.0	504478.4	5409330.2	85578.29688	235.64	47.37	48.836930	-86.938970	56089.74	56292.2	-42.22	56047.52	56052.99219	56017.88715	56029.40625	504478.4	5409330.2
L4480.0	504478.4	5409330.2	85578.39844	234.88	35.71	48.836930	-86.938970	56088.90	56292.2	-42.22	56046.68	56051.96094	56019.07247	56030.53125	504478.4	5409330.2
L4480.0	504478.5	5409328.5	85578.50000	234.29	35.71	48.836915	-86.938970	56090.37	56292.2	-42.22	56048.15	56053.23828	56020.09459	56031.49219	504478.5	5409328.5
L4480.0	504478.5	5409327.0	85578.60156	232.31	36.52	48.836902	-86.938970	56093.45	56292.2	-42.22	56051.23	56056.13281	56021.00022	56032.33594	504478.5	5409327.0
L4480.0	504478.5	5409325.9	85578.60156	232.31	38.68	48.836892	-86.938970	56095.07	56292.2	-42.22	56052.85	56057.57031	56021.99409	56033.26953	504478.5	5409325.9
L4480.0	504478.5	5409324.7	85578.79688	232.20	41.17	48.836881	-86.938970	56095.38	56292.2	-42.23	56053.15	56057.69531	56023.06693	56034.28516	504478.5	5409324.7

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4480.0	504478.5	5409323.4	85578.89844	233.74	43.23	48.836870	-86.938970	56096.26	56292.2	-42.23	56054.03	56058.40234	56024.09214	56035.25391	504478.5	5409323.4
L4480.0	504478.5	5409322.1	85579.00000	234.06	43.23	48.836858	-86.938970	56096.94	56292.2	-42.23	56054.71	56058.91016	56025.12178	56036.22656	504478.5	5409322.1
L4480.0	504478.5	5409322.1	85579.10156	232.97	41.52	48.836858	-86.938970	56099.70	56292.2	-42.24	56057.46	56061.49609	56026.00461	56037.05078	504478.5	5409322.1
L4480.0	504478.5	5409320.6	85579.20313	234.34	41.88	48.836845	-86.938970	56100.62	56292.2	-42.25	56058.37	56062.24609	56027.00137	56037.99219	504478.5	5409320.6
L4480.0	504478.5	5409319.2	85579.29688	233.04	42.71	48.836832	-86.938970	56103.04	56292.3	-42.26	56060.79	56064.50781	56027.88882	56038.82813	504478.5	5409319.2
L4480.0	504478.4	5409318.0	85579.39844	234.83	42.71	48.836821	-86.938970	56102.54	56292.3	-42.27	56060.27	56063.83594	56028.96370	56039.84766	504478.4	5409318.0
L4480.0	504478.4	5409317.0	85579.50000	235.20	42.69	48.836812	-86.938970	56103.68	56292.3	-42.28	56061.40	56064.81641	56029.92010	56040.75391	504478.4	5409317.0
L4480.0	504478.4	5409315.8	85579.60156	235.39	42.06	48.836801	-86.938970	56104.98	56292.3	-42.28	56062.70	56065.97266	56030.85680	56041.64063	504478.4	5409315.8
L4480.0	504478.4	5409314.1	85579.70313	233.61	40.69	48.836786	-86.938970	56106.46	56292.3	-42.29	56064.16	56067.29297	56031.77454	56042.50781	504478.4	5409314.1
L4480.0	504478.4	5409312.5	85579.79688	232.89	40.69	48.836771	-86.938970	56108.58	56292.3	-42.30	56066.28	56069.27734	56032.64010	56043.32422	504478.4	5409312.5
L4480.0	504478.4	5409311.3	85579.89844	235.24	40.73	48.836760	-86.938970	56109.16	56292.3	-42.31	56066.85	56069.71875	56033.60091	56044.23828	504478.4	5409311.3
L4480.0	504478.4	5409311.3	85580.00000	234.82	41.45	48.836760	-86.938970	56109.77	56292.3	-42.32	56067.45	56070.19141	56034.55173	56045.14063	504478.4	5409311.3
L4480.0	504478.4	5409309.9	85580.10156	235.39	42.77	48.836748	-86.938970	56111.52	56292.3	-42.33	56069.19	56071.80859	56035.41867	56045.96094	504478.4	5409309.9
L4480.0	504478.4	5409308.4	85580.20313	236.17	42.77	48.836734	-86.938971	56111.16	56292.3	-42.33	56068.83	56071.32813	56036.41782	56046.91797	504478.4	5409308.4
L4480.0	504478.4	5409307.0	85580.29688	236.69	41.73	48.836722	-86.938971	56112.43	56292.3	-42.34	56070.09	56072.47266	56037.30131	56047.75781	504478.4	5409307.0
L4480.0	504478.4	5409307.0	85580.39844	236.52	41.73	48.836722	-86.938971	56112.53	56292.3	-42.34	56070.19	56072.46484	56038.25455	56048.66797	504478.4	5409307.0
L4480.0	504478.4	5409304.3	85580.50000	236.81	41.76	48.836697	-86.938971	56115.73	56292.3	-42.35	56073.38	56075.54688	56038.99433	56049.36719	504478.4	5409304.3
L4480.0	504478.4	5409304.3	85580.60156	236.15	42.47	48.836697	-86.938971	56116.72	56292.4	-42.36	56074.37	56076.43750	56039.87342	56050.20703	504478.4	5409304.3
L4480.0	504478.4	5409302.8	85580.60156	236.15	42.04	48.836684	-86.938971	56116.93	56292.4	-42.36	56074.57	56076.53906	56040.79791	56051.09375	504478.4	5409302.8
L4480.0	504478.4	5409301.1	85580.79688	233.56	42.04	48.836669	-86.938971	56117.56	56292.4	-42.37	56075.20	56077.07422	56041.68659	56051.94531	504478.4	5409301.1
L4480.0	504478.4	5409299.2	85580.89844	231.83	34.55	48.836652	-86.938971	56118.96	56292.4	-42.37	56076.58	56078.36328	56042.51822	56052.74219	504478.4	5409299.2
L4480.0	504478.4	5409298.4	85581.00000	232.37	34.55	48.836645	-86.938971	56120.34	56292.4	-42.38	56077.96	56079.66016	56043.34290	56053.53125	504478.4	5409298.4
L4480.0	504478.4	5409298.4	85581.10156	234.88	39.47	48.836645	-86.938971	56121.76	56292.4	-42.39	56079.38	56080.99609	56044.15807	56054.31250	504478.4	5409298.4
L4480.0	504478.4	5409296.7	85581.20313	234.79	45.57	48.836629	-86.938971	56121.73	56292.4	-42.39	56079.34	56080.87891	56045.06384	56055.18750	504478.4	5409296.7
L4480.0	504478.4	5409295.3	85581.29688	235.34	45.57	48.836617	-86.938971	56122.12	56292.4	-42.40	56079.72	56081.18750	56045.93496	56056.02734	504478.4	5409295.3
L4480.0	504478.4	5409293.8	85581.39844	235.88	46.5	48.836603	-86.938971	56124.03	56292.4	-42.40	56081.63	56083.02734	56046.69753	56056.75781	504478.4	5409293.8
L4480.0	504478.4	5409292.4	85581.50000	236.03	36.89	48.836590	-86.938971	56124.62	56292.4	-42.41	56082.21	56083.53906	56047.54233	56057.57422	504478.4	5409292.4
L4480.0	504478.4	5409291.5	85581.60156	221.24	42.02	48.836583	-86.938971	56125.08	56292.4	-42.42	56082.66	56083.92578	56048.38945	56058.39453	504478.4	5409291.5
L4480.0	504478.4	5409289.6	85581.79688	233.20	40.61	48.836566	-86.938971	56127.50	56292.4	-42.43	56085.07	56086.27734	56049.09964	56059.07813	504478.4	5409289.6
L4480.0	504478.4	5409288.2	85581.89844	232.45	38.18	48.836553	-86.938971	56127.52	56292.4	-42.43	56085.09	56086.24219	56049.96301	56059.91797	504478.4	5409288.2
L4480.0	504478.4	5409287.0	85582.00000	232.83	38.18	48.836542	-86.938971	56129.32	56292.4	-42.44	56086.88	56087.98047	56050.70231	56060.63281	504478.4	5409287.0
L4480.0	504478.4	5409285.3	85582.10156	233.49	35.07	48.836527	-86.938971	56130.41	56292.4	-42.44	56087.96	56089.01172	56051.48297	56061.39063	504478.4	5409285.3
L4480.0	504478.4	5409284.0	85582.20313	234.53	45.83	48.836515	-86.938971	56130.92	56292.5	-42.45	56088.47	56089.47656	56052.29575	56062.17969	504478.4	5409284.0
L4480.0	504478.4	5409283.1	85582.29688	235.66	45.83	48.836507	-86.938971	56132.10	56292.5	-42.46	56089.64	56090.60547	56053.05872	56062.92188	504478.4	5409283.1
L4480.0	504478.4	5409283.1	85582.39844	234.23	46.36	48.836507	-86.938971	56131.73	56292.5	-42.46	56089.27	56090.19922	56053.91866	56063.76563	504478.4	5409283.1
L4480.0	504478.4	5409281.6	85582.50000	234.87	44.95	48.836494	-86.938971	56133.78	56292.5	-42.47	56091.32	56092.21094	56054.61164	56064.43750	504478.4	5409281.6
L4480.0	504478.4	5409279.9	85582.60156	234.31	44.95	48.836478	-86.938971	56134.16	56292.5	-42.47	56091.69	56092.55078	56055.41109	56065.22266	504478.4	5409279.9
L4480.0	504478.4	5409279.2	85582.60156	234.31	40.91	48.836472	-86.938971	56135.01	56292.5	-42.47	56092.54	56093.37109	56056.17308	56065.96875	504478.4	5409279.2
L4480.0	504478.4	5409277.5	85582.79688	235.31	45.79	48.836456	-86.938971	56135.57	56292.5	-42.48	56093.09	56093.89453	56056.94969	56066.73047	504478.4	5409277.5
L4480.0	504478.4	5409276.0	85582.89844	233.68	45.79	48.836443	-86.938971	56137.12	56292.5	-42.49	56094.63	56095.41016	56057.65502	56067.42188	504478.4	5409276.0
L4480.0	504478.4	5409276.0	85583.00000	236.25	46.85	48.836443	-86.938971	56137.98	56292.5	-42.49	56095.49	56096.25000	56058.40047	56068.15625	504478.4	5409276.0
L4480.0	504478.4	5409274.6	85583.10156	235.29	49.72	48.836430	-86.938971	56138.55	56292.5	-42.49	56096.06	56096.80469	56059.16011	56068.90234	504478.4	5409274.6
L4480.0	504478.4	5409272.6	85583.20313	237.05	35.8	48.836413	-86.938971	56139.31	56292.5	-42.50	56096.81	56097.53906	56059.90269	56069.63672	504478.4	5409272.6
L4480.0	504478.4	5409271.2	85583.29688	235.32	35.8	48.836400	-86.938972	56140.50	56292.5	-42.50	56098.00	56098.71484	56060.61094	56070.33594	504478.4	5409271.2
L4480.0	504478.4	5409271.2	85583.39844	236.12	37.12	48.836400	-86.938972	56141.72	56292.5	-42.51	56099.21	56099.91797	56061.31294	56071.02734	504478.4	5409271.2
L4480.0	504478.4	5409269.5	85583.50000	236.80	40.87	48.836384	-86.938972	56140.75	56292.5	-42.51	56098.23	56098.92969	56062.15608	56071.86328	504478.4	5409269.5
L4480.0	504478.3	5409268.2	85583.60156	235.64	50.54	48.836373	-86.938972	56141.77	56292.5	-42.52	56099.25	56099.94531	56062.86110	56072.56250	504478.3	5409268.2
L4480.0	504478.3	5409267.0	85583.70313	233.98	50.54	48.836363	-86.938972	56143.44	56292.5	-42.53	56100.91	56101.60156	56063.51871	56073.21484	504478.3	5409267.0
L4480.0	504478.3	5409265.8	85583.79688	233.55	50.78	48.836351	-86.938972	56144.47	56292.5	-42.53	56101.94	56102.63281	56064.21365	56073.90625	504478.3	5409265.8
L4480.0	504478.3	5409264.4	85583.89844	234.04	51.18	48.836339	-86.938973	56144.66	56292.5	-42.54	56102.13	56102.82422	56064.95997	56074.65234	504478.3	5409264.4
L4480.0	504478.3	5409262.9	85584.00000	234.01	51.18	48.836326	-86.938973	56144.82	56292.5	-42.54	56102.28	56102.97656	56065.70438	56075.39453	504478.3	5409262.9
L4480.0	504478.3	5409262.9	85584.10156	235.43	51.19	48.836326	-86.938973	56147.20	56292.5	-42.55	56104.65	56105.35156	56066.29627	56075.98438	504478.3	5409262.9
L4480.0	504478.3	5409261.5	85584.20313	235.41	51.19	48.836313	-86.938973	56147.39	56292.6	-42.56	56104.83	56105.53906	56067.02967	56076.71875	504478.3	5409261.5
L4480.0	504478.3	5409259.8	85584.29688	236.46	51.21	48.836298	-86.938973	56148.52	56292.6	-42.56	56105.96	56106.67969	56067.69530	56077.38281	504478.3	5409259.8
L4480.0	504478.3	5409258.4	85584.39844	236.19	51.49	48.836285	-86.938973	56148.52	56292.6	-42.57	56105.95	56106.67969	56068.43251	56078.12500	504478.3	5409258.4
L4480.0	504478.2	5409257.0	85584.50000	236.23	50.9	48.836272	-86.938974	56149.63	56292.6	-42.58	56107.05	56107.79297	56069.09135	56078.78516	504478.2	5409257.0
L4480.0	504478.2	5409257.0	85584.60156	235.93	50.9	48.836272	-86.938974	56151.54	56292.6	-42.59	56108.95	56109.70703	56069.69251	56079.39063	504478.2	5409257.0
L4480.0	504478.2	5409254.6	85584.60156	235.93	46.44	48.836251	-86.938974	56152.43	56292.6	-42.59	56109.85	56110.62500	56070.35600	56080.05859	504478.2	5409254.6
L4480.0	504478.2	5409254.6	85584.79688	234.56	51.54	48.836251	-86.938974	56153.31	56292.6	-42.60	56110.71	56111.50000	56071.01785	56080.72656	504478.2	5409254.6
L4480.0	504478.2	5409253.2	85584.89844	235.12	51.04	48.836238	-86.938974	56154.26	56292.6	-42.61	56111.65	56112.46094	56071.67007	56081.38281	504478.2	5409253.2
L4480.0	504478.2	5409251.9	85585.00000	233.16	51.08	48.836227	-86.938974	56153.58	56292.6	-42.62	56110.96	56111.78906	56072.42667	56082.14844	504478.2	5409251.9
L4480.0	504478.2	5409250.3	85585.10156	234.51	51.08	48.836212	-86.938975	56154.11	56292.6	-42.63	56111.49	56112.33984	56073.09766	56082.82422	504478.2	5409250.3
L4480.0	504478.2	5409250.3	85585.20313	233.00	51.38	48.836212	-86.938975	56155.75	56292.6	-42.63	56113.12	56113.99219	56073.69105	56083.42578	504478.2	5409250.3
L4480.0	504478.1	5409248.4	85585.29688	234.90	51.4	48.836195	-86.938975	56157.18	56292.6	-42.64	56114.53	56115.42578	56074.29482	56084.03906	504478.1	5409248.4
L4480.0	504478.1	5409247.2	85585.39844	223.26	51.4	48.836184	-86.938975	56156.79	56292.6	-42.65	56114.14	56115.06250	56075.01432	56084.76953	504478.1	5409247.2
L4480.0	504478.1	5409244.9	85585.50000	223.74	50.44	48.836164	-86.938976	56158.26	56292.7	-42.65	56115.61	56116.55859	56075.60553	56085.37109	504478.1	5409244.9
L4480.0	504478.1	5409244.9	85585.60156	235.12	44.37	48.836164	-86.938976	56160.36	56292.7	-42.66	56117.70	56118.67188	56076.15110	56085.92969	504478.1	5409244.9
L4480.0	504478.1	5409243.3	85585.70313	232.86	44.37	48.836149	-86.938976	56158.98	56292.7	-42.67	56116.31	56117.30859	56076.92436	56086.71484	504478.1	5409243.3
L4480.0	504478.1	5409242.1	85585.79688	233.31	48.34	48.836138	-86.938976	56160.62	56292.7	-42.68	56117.94	56118.96875	56077.49196	56087.29297	504478.1	5409242.1
L4480.0	504478.1	5409240.7	85585.89844	232.21	48.94	48.836125	-86.938976	56162.01	56292.7	-42.68	56119.33	56120.38672	56078.07119	56087.88672	504478.1	5409240.7
L4480.0	504478.1	5409240.7	85586.00000	234.20	47.7	48.836125	-86.938976	56162.74	56292.7	-42.69	56120.05	56121.13672	56078.69071	56088.51953	504478.1	5409240.7
L4480.0	504478.0	5409239.0	85586.10156	235.87	47.7	48.836110	-86.938976	56162.84	56292.7	-42.69	56120.15	56121.26563	56079.34716	56089.19141	504478.0	5409239.0
L4480.0	504478.0	5409237.6	85586.20313	234.45	46.88	48.836097	-86.938977	56164.53	56292.7	-42.69	56121.83	56122.97656	56079.89384	56089.75391	504478.0	5409237.6
L4480.0	504478.0	5409236.4	85586.29688	234.31	44.07	48.836087	-86.938977	56165.42	56292.7	-42.70	56122.72	56123.89844	56080.48871	56090.36328	504478.0	5409236.4
L4480.0	504478.0	5409235.7	85586.39844	233.06	44.42	48.836080	-86.938977	56166.56	56292.7	-42.70	56123.86	56125.07031	56081.06242	56090.95703	504478.0	5409235.7
L4480.0	504478.0	5409234.3	85586.50000	221.94	44.42	48.836068	-86.938977	56165.85	56292.7	-42.70	56123.15	56124.39063	56081.75492	56091.66406	504478.0	5409234.3
L4480.0	504478.0	5409233.1	85586.60156	222.25	43.04	48.836057	-86.938977	56167.64	56292.7	-42.70	56124.94	56126.21094	56082.27617	56092.20313	504478.0	5409233.1
L4480.0	504478.0	5409232.1	85586.60156	222.25	41.92	48.836048	-86.938977	56167.40	56292.7	-42.70	56124.70	56126.00391	56082.92815	56092.87500	504478.0	5409232.1
L4480.0	504478.0	5409230.7	85586.79688	236.21	42.6	48.836036	-86.938977	56169.74	56292.7	-42.71	56127.03	56128.36719	56083.40414	56093.36719	504478.0	5409230.7
L4480.0	504478.0	5409229.0	85586.89844	236.01	43.93	48.836021	-86.938977	56171.31	56292.7	-42.71	56128.61	56129.98047	56083.92544	56093.91016	504478.0	5409229.0
L4480.0	504478.0	5409229.0	85587.00000	237.81	43.93	48.836021	-86.938977	56171.79	56292.7	-42.71	56129.08	56130.48438	56084.51600	56094.51953	504478.0	5409229.0
L4480.0	504478.0	5409227.8	85587.10156	234.54	43.94	48.836010	-86.938977	56172.43	56292.7	-42.72	56129.71	56131.14453	56085.09113	56095.11328	504478.0	5409227.8
L4480.0	504478.0	5409226.6	85587.20313	233.48	43.22	48.835999	-86.938977	56173.41	56292.7	-42.73	56130.68	56132.14844	56085.63878	56095.67969	504478.0	5409226.6
L4480.0	504478.0	5409225.1	85587.29688	232.65	41.52	48.835986	-86.938977	56173.34	56292.7	-42.74	56130.60	56132.10156	56086.25159	56096.31641	504478.0	5409225.1
L4480.0	504478.0	5409223.5	85587.39844	232.72	41.52	48.835971	-86.938977	56173.25	56292.8	-42.75	56130.50	56132.03516	56086.86083	56096.94531	504478.0	5409223.5
L4480.0	504478.0	5409222.3	85587.50000	231.34	41.27	48.835960	-86.938977	56174.58	56292.8	-42.76	56131.82	56133.38672	56087.37049	56097.47656	504478.0	5409222.3
L4480.0	504478.0	5409221.3	85587.60156	230.06	41.27	48.835951	-86.938977	56176.12	56292.8	-42.77	56133.35	56134.94922	56087.86118	56097.98828	504478.0	5409221.3
L4480.0	504478.0	5409219.9	85587.70313	231.58	42.88	48.835938	-86.938978	56176.98	56292.8	-42.78	56134.20	56135.83203	56088.39220	56098.54297	504478.0	5409219.9
L4480.0	504478.0	5409219.9	85587.79688	232.61	41.18	48.835938	-86.938978	56176.85	56292.8	-42.79	56134.06	56135.72266	56088.98419	56099.15625	504478.0	5409219.9
L4480.0	504478.0	5409218.4	85587.89844	233.54	42.83	48.835925	-86.938978	56177.17	56292.8	-42.80	56134.37	56136.06250	56089.54112	56099.73828	504478.0	5409218.4
L4480.0	504478.0	5409217.0	85588.00000	231.90	42.83	48.835913	-86.938978	56178.70	56292.8	-42.81	56135.89	56137.61719	56090.01227	56100.23047	504478.0	5409217.0
L4480.0	504478.0	5409215.5	85588.10156	232.31	42.38	48.835899	-86.938978	56179.58	56292.8	-42.81	56136.77	56138.52734	56090.52096	56100.76563	504478.0	5409215.5
L4480.0	504478.0	5409214.8	85588.20313	232.73	45.09	48.835893	-86.938978	56178.83	56292.8	-42.81	56136.02	56137.80859	56091.13315	56101.39844	504478.0	5409214.8

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4480.0	504478.0	5409213.2	85588.29688	223.10	45.09	48.835878	-86.938978	56180.86	56292.8	-42.81	56138.05	56139.86719	56091.55482	56101.84766	504478.0	5409213.2
L4480.0	504478.0	5409211.7	85588.39844	222.35	44.23	48.835865	-86.938978	56181.00	56292.8	-42.81	56138.19	56140.03906	56092.09726	56102.41406	504478.0	5409211.7
L4480.0	504477.9	5409210.3	85588.50000	234.28	45.25	48.835852	-86.938978	56182.11	56292.8	-42.81	56139.29	56141.16797	56092.57047	56102.91016	504477.9	5409210.3
L4480.0	504477.9	5409209.3	85588.60156	233.24	45.61	48.835843	-86.938978	56183.00	56292.8	-42.82	56140.18	56142.08594	56093.05240	56103.41797	504477.9	5409209.3
L4480.0	504477.9	5409208.4	85588.60156	233.24	34.61	48.835835	-86.938978	56183.58	56292.8	-42.82	56140.77	56142.70313	56093.54903	56103.93750	504477.9	5409208.4
L4480.0	504477.9	5409208.4	85588.79688	233.19	34.61	48.835835	-86.938978	56183.76	56292.8	-42.82	56140.94	56142.90234	56094.06835	56104.48438	504477.9	5409208.4
L4480.0	504478.0	5409205.5	85588.89844	234.00	36.09	48.835809	-86.938978	56185.32	56292.8	-42.82	56142.50	56144.48828	56094.48967	56104.92969	504478.0	5409205.5
L4480.0	504478.0	5409205.5	85589.00000	233.99	36.09	48.835809	-86.938978	56184.48	56292.8	-42.82	56141.66	56143.67578	56095.06563	56105.53125	504478.0	5409205.5
L4480.0	504478.0	5409204.1	85589.10156	232.58	34.74	48.835796	-86.938978	56185.63	56292.8	-42.83	56142.80	56144.84375	56095.50422	56105.99609	504478.0	5409204.1
L4480.0	504478.0	5409202.6	85589.20313	233.36	34.09	48.835783	-86.938978	56188.02	56292.8	-42.84	56145.18	56147.24609	56095.85475	56106.37109	504478.0	5409202.6
L4480.0	504478.0	5409201.6	85589.29688	233.70	35.48	48.835774	-86.938978	56187.50	56292.8	-42.84	56144.65	56146.74219	56096.39387	56106.93750	504478.0	5409201.6
L4480.0	504478.0	5409200.5	85589.39844	233.11	33.34	48.835764	-86.938978	56187.95	56292.9	-42.85	56145.10	56147.21875	56096.86224	56107.42969	504478.0	5409200.5
L4480.0	504478.0	5409199.3	85589.50000	231.91	33.34	48.835753	-86.938977	56188.28	56292.9	-42.86	56145.42	56147.56250	56097.33384	56107.92969	504478.0	5409199.3
L4480.0	504478.0	5409197.9	85589.60156	231.69	42.16	48.835740	-86.938977	56189.66	56292.9	-42.87	56146.79	56148.95313	56097.73000	56108.35156	504478.0	5409197.9
L4480.0	504478.0	5409197.9	85589.70313	231.58	43.45	48.835740	-86.938977	56189.25	56292.9	-42.88	56146.37	56148.55469	56098.24002	56108.88672	504478.0	5409197.9
L4480.0	504478.0	5409196.0	85589.79688	233.96	43.45	48.835723	-86.938978	56187.85	56292.9	-42.88	56144.97	56147.17578	56098.80991	56109.48438	504478.0	5409196.0
L4480.0	504478.0	5409194.8	85589.89844	232.87	43.11	48.835713	-86.938978	56190.14	56292.9	-42.89	56147.25	56149.47656	56099.12899	56109.82813	504478.0	5409194.8
L4480.0	504478.0	5409193.6	85590.00000	232.91	46.34	48.835701	-86.938978	56190.91	56292.9	-42.90	56148.01	56150.25781	56099.54390	56110.26953	504478.0	5409193.6
L4480.0	504478.0	5409192.1	85590.10156	233.13	46.34	48.835688	-86.938978	56192.07	56292.9	-42.90	56149.16	56151.42578	56099.92731	56110.67969	504478.0	5409192.1
L4480.0	504477.9	5409190.7	85590.20313	232.37	47.1	48.835676	-86.938978	56192.97	56292.9	-42.91	56150.06	56152.34766	56100.32186	56111.10156	504477.9	5409190.7
L4480.0	504477.9	5409189.5	85590.29688	234.08	46.59	48.835665	-86.938978	56193.26	56292.9	-42.91	56150.35	56152.65234	56100.75155	56111.55859	504477.9	5409189.5
L4480.0	504477.9	5409188.3	85590.39844	235.05	46.59	48.835654	-86.938979	56193.02	56292.9	-42.91	56150.11	56152.42969	56101.21102	56112.04297	504477.9	5409188.3
L4480.0	504477.9	5409188.3	85590.50000	235.16	47.29	48.835654	-86.938979	56193.67	56292.9	-42.92	56150.75	56153.08594	56101.60627	56112.46484	504477.9	5409188.3
L4480.0	504477.9	5409186.9	85590.60156	235.57	40.34	48.835642	-86.938979	56192.84	56292.9	-42.92	56149.93	56152.28125	56102.09327	56112.98047	504477.9	5409186.9
L4480.0	504477.9	5409185.4	85590.60156	235.57	46.68	48.835628	-86.938979	56194.98	56292.9	-42.92	56152.06	56154.42578	56102.37800	56113.29297	504477.9	5409185.4
L4480.0	504477.9	5409183.9	85590.79688	225.03	46.68	48.835615	-86.938979	56195.65	56292.9	-42.92	56152.73	56155.11328	56102.75445	56113.69531	504477.9	5409183.9
L4480.0	504477.9	5409182.5	85590.89844	224.70	41.29	48.835603	-86.938979	56195.42	56292.9	-42.93	56152.49	56154.88672	56103.18592	56114.15234	504477.9	5409182.5
L4480.0	504477.9	5409181.1	85591.00000	233.22	35.9	48.835590	-86.938980	56195.28	56292.9	-42.93	56152.35	56154.75781	56103.60506	56114.59766	504477.9	5409181.1
L4480.0	504477.9	5409180.3	85591.10156	231.40	35.9	48.835583	-86.938980	56196.86	56292.9	-42.94	56153.92	56156.33984	56103.90450	56114.92578	504477.9	5409180.3
L4480.0	504477.9	5409178.9	85591.20313	231.86	38.15	48.835570	-86.938980	56196.32	56292.9	-42.94	56153.37	56155.80078	56104.33955	56115.38672	504477.9	5409178.9
L4480.0	504477.9	5409178.9	85591.29688	233.87	38	48.835570	-86.938980	56198.09	56293	-42.95	56155.14	56157.58203	56104.61417	56115.68750	504477.9	5409178.9
L4480.0	504477.9	5409176.6	85591.39844	233.80	37.02	48.835549	-86.938980	56197.75	56293	-42.96	56154.79	56157.23828	56105.02432	56116.12109	504477.9	5409176.6
L4480.0	504477.9	5409176.6	85591.50000	235.35	40.36	48.835549	-86.938980	56197.80	56293	-42.96	56154.83	56157.28906	56105.40262	56116.52734	504477.9	5409176.6
L4480.0	504477.9	5409174.4	85591.60156	237.43	40.36	48.835529	-86.938980	56199.28	56293	-42.97	56156.31	56158.77734	56105.67905	56116.82813	504477.9	5409174.4
L4480.0	504477.9	5409173.0	85591.70313	235.25	36.15	48.835517	-86.938980	56200.40	56293	-42.98	56157.42	56159.89453	56105.97420	56117.15234	504477.9	5409173.0
L4480.0	504477.9	5409173.0	85591.79688	236.12	35.68	48.835517	-86.938980	56199.97	56293	-42.99	56156.98	56159.46094	56106.36670	56117.57031	504477.9	5409173.0
L4480.0	504477.9	5409171.1	85591.89844	238.07	35.68	48.835499	-86.938980	56200.84	56293	-42.99	56157.84	56160.32422	56106.66649	56117.89453	504477.9	5409171.1
L4480.0	504477.9	5409169.6	85592.00000	235.92	37.91	48.835486	-86.938980	56199.79	56293	-43.00	56156.79	56159.28125	56107.08752	56118.33984	504477.9	5409169.6
L4480.0	504477.9	5409168.2	85592.10156	233.45	42.01	48.835473	-86.938980	56201.27	56293	-43.00	56158.27	56160.76172	56107.33373	56118.61328	504477.9	5409168.2
L4480.0	504477.9	5409168.2	85592.20313	222.70	42.01	48.835473	-86.938980	56201.05	56293	-43.00	56158.05	56160.54688	56107.68704	56118.99219	504477.9	5409168.2
L4480.0	504477.9	5409166.7	85592.29688	223.34	45.81	48.835460	-86.938980	56202.60	56293	-43.00	56159.60	56162.09766	56107.91606	56119.24609	504477.9	5409166.7
L4480.0	504477.9	5409165.8	85592.39844	234.97	44.8	48.835451	-86.938980	56203.74	56293	-43.00	56160.74	56163.24219	56108.16605	56119.51953	504477.9	5409165.8
L4480.0	504477.9	5409164.3	85592.50000	235.39	36.03	48.835439	-86.938980	56203.84	56293	-43.00	56160.84	56163.34375	56108.47895	56119.85938	504477.9	5409164.3
L4480.0	504477.9	5409162.7	85592.60156	234.95	36.03	48.835424	-86.938980	56205.00	56293	-43.01	56161.99	56164.49219	56108.71534	56120.12109	504477.9	5409162.7
L4480.0	504477.9	5409161.7	85592.60156	234.95	42.72	48.835415	-86.938980	56203.04	56293	-43.01	56160.03	56162.53125	56109.15248	56120.58203	504477.9	5409161.7
L4480.0	504477.9	5409161.7	85592.79688	233.10	38.36	48.835415	-86.938980	56204.80	56293	-43.01	56161.79	56164.29297	56109.33497	56120.78906	504477.9	5409161.7
L4480.0	504477.9	5409160.0	85592.89844	233.06	38.36	48.835400	-86.938980	56205.28	56293	-43.01	56162.27	56164.76953	56109.59605	56121.07422	504477.9	5409160.0
L4480.0	504477.9	5409158.7	85593.00000	234.48	33.79	48.835388	-86.938980	56206.78	56293	-43.01	56163.77	56166.26953	56109.78232	56121.28516	504477.9	5409158.7
L4480.0	504477.9	5409157.3	85593.10156	234.73	38.74	48.835376	-86.938980	56206.63	56293	-43.01	56163.61	56166.10547	56110.07237	56121.59766	504477.9	5409157.3
L4480.0	504477.9	5409156.1	85593.20313	234.91	44.7	48.835364	-86.938980	56206.66	56293	-43.02	56163.64	56166.13281	56110.34278	56121.89453	504477.9	5409156.1
L4480.0	504477.9	5409154.5	85593.29688	234.81	44.7	48.835350	-86.938979	56207.76	56293	-43.03	56164.73	56167.21875	56110.53549	56122.10938	504477.9	5409154.5
L4480.0	504477.9	5409154.5	85593.39844	235.30	44.74	48.835350	-86.938979	56208.19	56293	-43.03	56165.16	56167.64063	56110.76507	56122.36328	504477.9	5409154.5
L4480.0	504477.9	5409153.0	85593.50000	235.75	44.66	48.835337	-86.938979	56208.95	56293	-43.04	56165.92	56168.39844	56110.96546	56122.58594	504477.9	5409153.0
L4480.0	504477.9	5409151.7	85593.60156	232.89	44.66	48.835325	-86.938979	56209.06	56293	-43.04	56166.01	56168.48047	56111.20325	56122.84766	504477.9	5409151.7
L4480.0	504477.9	5409150.5	85593.70313	234.90	44.42	48.835314	-86.938979	56208.57	56293	-43.04	56165.53	56167.99609	56111.47171	56123.14063	504477.9	5409150.5
L4480.0	504477.9	5409149.0	85593.79688	234.49	42.73	48.835301	-86.938979	56209.98	56293	-43.05	56166.93	56169.38672	56111.60743	56123.29688	504477.9	5409149.0
L4480.0	504477.9	5409147.9	85593.89844	234.95	42.73	48.835290	-86.938979	56210.15	56293.1	-43.06	56167.09	56169.53906	56111.81836	56123.53125	504477.9	5409147.9
L4480.0	504477.9	5409146.2	85594.00000	236.85	42.47	48.835276	-86.938980	56210.31	56293.1	-43.06	56167.25	56169.69141	56112.02177	56123.75781	504477.9	5409146.2
L4480.0	504477.9	5409146.2	85594.10156	237.10	39.16	48.835276	-86.938980	56210.18	56293.1	-43.06	56167.11	56169.54297	56112.23760	56123.99609	504477.9	5409146.2
L4480.0	504477.9	5409143.5	85594.20313	235.15	39.16	48.835251	-86.938980	56211.66	56293.1	-43.07	56168.59	56171.01563	56112.33781	56124.11719	504477.9	5409143.5
L4480.0	504477.9	5409143.5	85594.29688	234.56	41.84	48.835251	-86.938980	56210.74	56293.1	-43.07	56167.67	56170.08594	56112.59033	56124.39063	504477.9	5409143.5
L4480.0	504477.9	5409142.1	85594.39844	237.85	41.84	48.835238	-86.938979	56211.36	56293.1	-43.08	56168.28	56170.68750	56112.73314	56124.55469	504477.9	5409142.1
L4480.0	504477.9	5409140.7	85594.50000	235.93	43.41	48.835226	-86.938979	56212.75	56293.1	-43.08	56169.67	56172.06641	56112.81618	56124.66016	504477.9	5409140.7
L4480.0	504477.9	5409139.5	85594.60156	234.01	43.64	48.835215	-86.938979	56211.71	56293.1	-43.08	56168.62	56171.00391	56113.05411	56124.92188	504477.9	5409139.5
L4480.0	504477.9	5409138.5	85594.60156	234.01	43.16	48.835206	-86.938979	56211.70	56293.1	-43.08	56168.61	56170.98438	56113.21487	56125.10156	504477.9	5409138.5
L4480.0	504477.9	5409136.6	85594.79688	231.98	43.16	48.835189	-86.938979	56212.78	56293.1	-43.09	56169.69	56172.05469	56113.29512	56125.20313	504477.9	5409136.6
L4480.0	504477.9	5409136.6	85594.89844	231.07	36.21	48.835189	-86.938979	56213.09	56293.1	-43.10	56170.00	56172.35156	56113.41884	56125.34766	504477.9	5409136.6
L4480.0	504477.9	5409135.2	85595.00000	233.66	37.77	48.835177	-86.938979	56211.76	56293.1	-43.10	56168.66	56171.00000	56113.64467	56125.59375	504477.9	5409135.2
L4480.0	504477.9	5409133.8	85595.10156	235.95	37.77	48.835164	-86.938979	56212.42	56293.1	-43.10	56169.32	56171.64844	56113.72927	56125.69922	504477.9	5409133.8
L4480.0	504477.9	5409132.6	85595.20313	235.01	35.16	48.835153	-86.938979	56213.30	56293.1	-43.10	56170.20	56172.51563	56113.79130	56125.78125	504477.9	5409132.6
L4480.0	504477.9	5409130.9	85595.29688	237.41	39.84	48.835138	-86.938979	56213.69	56293.1	-43.10	56170.59	56172.89453	56113.87808	56125.89063	504477.9	5409130.9
L4480.0	504477.9	5409130.9	85595.39844	237.88	39.75	48.835138	-86.938979	56213.91	56293.1	-43.10	56170.80	56173.09375	56113.96895	56126.00000	504477.9	5409130.9
L4480.0	504478.0	5409129.2	85595.50000	235.76	39.75	48.835123	-86.938979	56213.60	56293.1	-43.10	56170.50	56172.77734	56114.08591	56126.13672	504478.0	5409129.2
L4480.0	504478.0	5409127.8	85595.60156	235.74	39.91	48.835110	-86.938979	56213.45	56293.1	-43.11	56170.34	56172.60547	56114.18563	56126.25781	504478.0	5409127.8
L4480.0	504478.0	5409126.1	85595.70313	234.60	38.32	48.835095	-86.938979	56212.55	56293.1	-43.11	56169.44	56171.69531	56114.32679	56126.41797	504478.0	5409126.1
L4480.0	504478.0	5409126.1	85595.79688	234.18	39.63	48.835095	-86.938979	56212.22	56293.1	-43.11	56169.11	56171.35156	56114.42205	56126.53125	504478.0	5409126.1
L4480.0	504478.0	5409124.2	85595.89844	234.19	39.63	48.835077	-86.938979	56213.07	56293.1	-43.11	56169.96	56172.18750	56114.43077	56126.56250	504478.0	5409124.2
L4480.0	504478.0	5409124.2	85596.00000	234.58	34.55	48.835077	-86.938979	56213.48	56293.1	-43.11	56170.37	56172.58594	56114.46095	56126.60938	504478.0	5409124.2
L4480.0	504478.0	5409122.7	85596.10156	234.38	31.1	48.835064	-86.938979	56213.35	56293.1	-43.12	56170.23	56172.43359	56114.51994	56126.68750	504478.0	5409122.7
L4480.0	504477.9	5409121.3	85596.20313	234.70	31.1	48.835051	-86.938979	56212.45	56293.1	-43.12	56169.32	56171.50781	56114.62242	56126.81250	504477.9	5409121.3
L4480.0	504477.9	5409119.5	85596.29688	234.83	35.22	48.835036	-86.938979	56212.74	56293.1	-43.13	56169.61	56171.78516	56114.63706	56126.84375	504477.9	5409119.5
L4480.0	504477.9	5409118.6	85596.39844	234.07	39.58	48.835027	-86.938979	56213.42	56293.1	-43.14	56170.28	56172.44531	56114.61855	56126.84375	504477.9	5409118.6
L4480.0	504477.9	5409116.8	85596.50000	233.98	39.58	48.835011	-86.938979	56212.95	56293.1	-43.14	56169.81	56171.96094	56114.66821	56126.91406	504477.9	5409116.8
L4480.0	504477.9	5409116.8	85596.60156	222.59	40.16	48.835011	-86.938979	56214.01	56293.2	-43.15	56170.86	56173.00000	56114.60874	56126.87500	504477.9	5409116.8
L4480.0	504477.9	5409115.1	85596.60156	222.59	39.13	48.834996	-86.938979	56211.61	56293.2	-43.15	56168.46	56170.58594	56114.77145	56127.05469	504477.9	5409115.1
L4480.0	504477.9	5409114.1	85596.79688	231.19	39.13	48.834987	-86.938979	56211.71	56293.2	-43.17	56168.54	56170.65625	56114.76103	56127.06641	504477.9	5409114.1
L4480.0	504477.9	5409112.3	85596.89844	230.44	33.64	48.834970	-86.938979	56211.94	56293.2	-43.17	56168.76	56170.86328	56114.73348	56127.05469	504477.9	5409112.3
L4480.0	504477.9	5409111.3	85597.00000	231.19	37.41	48.834961	-86.938979	56212.69	56293.2	-43.18	56169.51	56171.60156	56114.66277	56127.00391	504477.9	5409111.3
L4480.0	504477.9	5409110.0	85597.10156	233.20	40.25	48.834950	-86.938980	56212.75	56293.2	-43.18	56169.57	56171.65234	56114.63025	56126.99219	504477.9	5409110.0
L4480.0	504477.9	5409108.6	85597.20313	232.43	40.25	48.834938	-86.938980	56212.39	56293.2	-43.19	56169.21	56171.28125	56114.61789	56126.99609	504477.9	5409108.6
L4480.0	504477.9	5409108.6	85597.29688	232.57	39.5	48.834938	-86.938980	56211.98	56293.2	-43.19	56168.79	56170.85156	56114.60169	56127.00000	504477.9	5409108.6
L4480.0	504477.9	5409107.2	85597.39844	232.04	36.21	48.834925	-86.938980	56212.89	56293.2	-43.19	56169.70	56171.75000	56114.48894	56126.90625	504477.9	5409107.2
L4480.0	504477.9	5409105.7	85597.50000	233.04	36.21	48.834911	-86.938980	56212.45	56293.2	-43.19	56169.25	56171.29297	56114.45897	56126.89844	504477.9	5409105.7

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4480.0	504477.9	5409104.3	85597.60156	234.06	36.15	48.834898	-86.938980	56212.86	56293.2	-43.20	56169.67	56171.70313	56114.36307	56126.82031	504477.9	5409104.3
L4480.0	504477.9	5409103.1	85597.70313	234.05	36.8	48.834888	-86.938980	56211.23	56293.2	-43.20	56168.03	56170.05859	56114.39653	56126.87500	504477.9	5409103.1
L4480.0	504477.9	5409102.1	85597.79688	235.20	36.25	48.834878	-86.938980	56211.86	56293.2	-43.20	56168.65	56170.66797	56114.27133	56126.76953	504477.9	5409102.1
L4480.0	504477.9	5409100.5	85597.89844	236.69	31.66	48.834864	-86.938980	56212.55	56293.2	-43.21	56169.34	56171.35156	56114.13341	56126.64844	504477.9	5409100.5
L4480.0	504477.9	5409099.0	85598.00000	236.51	31.66	48.834850	-86.938980	56212.74	56293.2	-43.21	56169.53	56171.53516	56114.02073	56126.55859	504477.9	5409099.0
L4480.0	504477.9	5409099.0	85598.10156	235.59	38.77	48.834850	-86.938980	56210.70	56293.2	-43.21	56167.49	56169.49219	56114.04856	56126.60547	504477.9	5409099.0
L4480.0	504477.9	5409097.3	85598.20313	234.86	37.88	48.834836	-86.938980	56211.95	56293.2	-43.21	56168.74	56170.73828	56113.84886	56126.42578	504477.9	5409097.3
L4480.0	504477.9	5409095.6	85598.29688	236.45	37.88	48.834821	-86.938980	56212.04	56293.2	-43.21	56168.83	56170.82422	56113.71821	56126.31641	504477.9	5409095.6
L4480.0	504477.9	5409094.2	85598.39844	237.70	34.59	48.834808	-86.938980	56212.19	56293.2	-43.21	56168.98	56170.97266	56113.57523	56126.19531	504477.9	5409094.2
L4480.0	504477.9	5409094.2	85598.50000	240.48	34.58	48.834808	-86.938980	56211.13	56293.2	-43.21	56167.92	56169.91016	56113.50452	56126.14453	504477.9	5409094.2
L4480.0	504477.9	5409092.4	85598.60156	238.99	35.15	48.834792	-86.938980	56212.34	56293.2	-43.21	56169.13	56171.11719	56113.27400	56125.93359	504477.9	5409092.4
L4480.0	504477.9	5409091.3	85598.60156	238.99	39.83	48.834782	-86.938980	56212.29	56293.2	-43.21	56169.08	56171.06641	56113.11892	56125.80078	504477.9	5409091.3
L4480.0	504477.9	5409090.1	85598.79688	237.19	41.02	48.834771	-86.938980	56211.33	56293.2	-43.21	56168.12	56170.10938	56113.01589	56125.71875	504477.9	5409090.1
L4480.0	504477.9	5409088.6	85598.89844	236.03	41.02	48.834758	-86.938980	56210.77	56293.2	-43.21	56167.56	56169.55078	56112.87748	56125.60547	504477.9	5409088.6
L4480.0	504477.9	5409087.9	85599.00000	236.49	38.39	48.834751	-86.938980	56211.81	56293.2	-43.21	56168.60	56170.59375	56112.62361	56125.37500	504477.9	5409087.9
L4480.0	504477.9	5409086.4	85599.10156	234.61	37.21	48.834738	-86.938980	56212.17	56293.2	-43.22	56168.95	56170.94922	56112.40688	56125.17969	504477.9	5409086.4
L4480.0	504477.9	5409085.2	85599.20313	234.01	37.21	48.834727	-86.938980	56211.86	56293.2	-43.22	56168.64	56170.64453	56112.22518	56125.02344	504477.9	5409085.2
L4480.0	504477.9	5409084.0	85599.29688	235.26	38.18	48.834716	-86.938980	56211.36	56293.2	-43.23	56168.13	56170.14063	56112.04777	56124.86719	504477.9	5409084.0
L4480.0	504477.9	5409082.6	85599.39844	233.45	36.96	48.834703	-86.938980	56211.05	56293.2	-43.23	56167.81	56169.82813	56111.84855	56124.69141	504477.9	5409082.6
L4480.0	504477.9	5409081.4	85599.50000	233.92	36.96	48.834692	-86.938980	56210.18	56293.2	-43.24	56166.94	56168.96875	56111.67679	56124.54688	504477.9	5409081.4
L4480.0	504477.9	5409081.4	85599.60156	233.22	37.47	48.834692	-86.938980	56210.20	56293.2	-43.25	56166.95	56168.98828	56111.43704	56124.33203	504477.9	5409081.4
L4480.0	504477.9	5409079.9	85599.70313	235.00	34.38	48.834679	-86.938980	56211.43	56293.3	-43.25	56168.17	56170.22266	56111.10722	56124.02734	504477.9	5409079.9
L4480.0	504477.9	5409078.4	85599.79688	236.33	36.44	48.834666	-86.938980	56210.34	56293.3	-43.26	56167.08	56169.14453	56110.92191	56123.87109	504477.9	5409078.4
L4480.0	504477.9	5409077.0	85599.89844	237.10	36.44	48.834653	-86.938980	56209.38	56293.3	-43.26	56166.12	56168.19922	56110.71834	56123.69141	504477.9	5409077.0
L4480.0	504477.9	5409076.0	85600.00000	235.32	36.44	48.834644	-86.938980	56209.81	56293.3	-43.27	56166.54	56168.63672	56110.41310	56123.41406	504477.9	5409076.0
L4480.0	504477.9	5409074.6	85600.10156	234.52	38.49	48.834631	-86.938980	56210.38	56293.3	-43.27	56167.10	56169.21484	56110.08876	56123.11719	504477.9	5409074.6
L4480.0	504477.9	5409073.4	85600.20313	233.71	40.63	48.834621	-86.938980	56209.00	56293.3	-43.27	56165.73	56167.86719	56109.88322	56122.94141	504477.9	5409073.4
L4480.0	504477.9	5409072.6	85600.29688	235.10	39.91	48.834614	-86.938980	56208.16	56293.3	-43.28	56164.89	56167.04688	56109.63240	56122.71875	504477.9	5409072.6
L4480.0	504477.9	5409071.2	85600.39844	235.01	39.91	48.834601	-86.938980	56208.65	56293.3	-43.28	56165.37	56167.55078	56109.28352	56122.40234	504477.9	5409071.2
L4480.0	504477.9	5409069.3	85600.50000	234.42	39.84	48.834584	-86.938980	56208.77	56293.3	-43.28	56165.49	56167.69531	56108.94851	56122.09766	504477.9	5409069.3
L4480.0	504477.9	5409069.3	85600.60156	234.99	40.23	48.834584	-86.938980	56207.98	56293.3	-43.28	56164.70	56166.93359	56108.66393	56121.84375	504477.9	5409069.3
L4480.0	504477.9	5409067.8	85600.60156	234.99	40.23	48.834571	-86.938980	56208.29	56293.3	-43.28	56165.01	56167.27344	56108.29568	56121.50781	504477.9	5409067.8
L4480.0	504477.9	5409066.1	85600.79688	237.77	37.19	48.834555	-86.938980	56207.16	56293.3	-43.29	56163.87	56166.16406	56108.01367	56121.25781	504477.9	5409066.1
L4480.0	504477.9	5409065.2	85600.89844	237.24	36.94	48.834547	-86.938980	56207.07	56293.3	-43.29	56163.78	56166.10547	56107.65114	56120.92969	504477.9	5409065.2
L4480.0	504477.9	5409063.9	85601.00000	236.85	36.94	48.834535	-86.938980	56206.66	56293.3	-43.29	56163.37	56165.73047	56107.29931	56120.61328	504477.9	5409063.9
L4480.0	504477.9	5409062.5	85601.10156	234.98	35.99	48.834522	-86.938980	56204.77	56293.3	-43.29	56161.48	56163.87891	56107.03543	56120.38672	504477.9	5409062.5
L4480.0	504477.9	5409062.5	85601.20313	233.48	37.28	48.834522	-86.938980	56205.48	56293.3	-43.30	56162.18	56164.61719	56106.58806	56119.97266	504477.9	5409062.5
L4480.0	504477.9	5409060.8	85601.29688	233.81	37.28	48.834507	-86.938980	56204.94	56293.3	-43.30	56161.64	56164.11719	56106.21242	56119.63672	504477.9	5409060.8
L4480.0	504477.9	5409059.4	85601.39844	233.53	35.13	48.834495	-86.938980	56205.03	56293.3	-43.31	56161.72	56164.24219	56105.78441	56119.24609	504477.9	5409059.4
L4480.0	504477.9	5409057.5	85601.50000	234.25	36.91	48.834478	-86.938980	56204.00	56293.3	-43.31	56160.69	56163.25391	56105.41925	56118.91797	504477.9	5409057.5
L4480.0	504478.0	5409056.5	85601.60156	234.20	36.91	48.834468	-86.938980	56205.06	56293.3	-43.31	56161.74	56164.35156	56104.90418	56118.44531	504478.0	5409056.5
L4480.0	504478.0	5409056.5	85601.70313	234.86	37	48.834468	-86.938980	56203.39	56293.3	-43.32	56160.07	56162.73438	56104.55907	56118.14063	504478.0	5409056.5
L4480.0	504478.0	5409055.3	85601.79688	232.51	37.82	48.834457	-86.938980	56202.55	56293.3	-43.32	56159.22	56161.93750	56104.14780	56117.76953	504478.0	5409055.3
L4480.0	504478.0	5409053.8	85601.89844	234.93	33.95	48.834444	-86.938980	56202.14	56293.3	-43.33	56158.82	56161.58984	56103.69493	56117.35938	504478.0	5409053.8
L4480.0	504478.0	5409052.2	85602.00000	235.76	33.95	48.834430	-86.938979	56202.14	56293.3	-43.33	56158.81	56161.63672	56103.20433	56116.91406	504478.0	5409052.2
L4480.0	504478.0	5409050.7	85602.10156	235.96	34.83	48.834417	-86.938979	56202.08	56293.3	-43.34	56158.74	56161.62500	56102.70588	56116.46094	504478.0	5409050.7
L4480.0	504478.0	5409049.5	85602.20313	234.70	36.58	48.834406	-86.938979	56200.27	56293.3	-43.34	56156.93	56159.87891	56102.31144	56116.11328	504478.0	5409049.5
L4480.0	504478.0	5409049.5	85602.29688	234.17	38.02	48.834406	-86.938979	56199.39	56293.3	-43.35	56156.04	56159.05078	56101.84355	56115.69141	504478.0	5409049.5
L4480.0	504478.0	5409048.0	85602.39844	234.53	38.02	48.834392	-86.938979	56199.16	56293.4	-43.35	56155.81	56158.88672	56101.31941	56115.21484	504478.0	5409048.0
L4480.0	504478.0	5409046.5	85602.50000	236.37	39.93	48.834379	-86.938979	56199.87	56293.4	-43.36	56156.51	56159.65625	56100.72087	56114.66406	504478.0	5409046.5
L4480.0	504478.0	5409045.6	85602.60156	235.06	42.88	48.834370	-86.938979	56198.96	56293.4	-43.37	56155.60	56158.81641	56100.21712	56114.21094	504478.0	5409045.6
L4480.0	504478.0	5409044.3	85602.60156	235.06	42.88	48.834359	-86.938979	56198.93	56293.4	-43.37	56155.56	56158.85156	56099.64269	56113.68750	504478.0	5409044.3
L4480.0	504478.0	5409043.0	85602.79688	234.79	40.21	48.834347	-86.938978	56196.78	56293.4	-43.38	56153.40	56156.76953	56099.19676	56113.29688	504478.0	5409043.0
L4480.0	504478.1	5409041.5	85602.89844	233.89	37.33	48.834334	-86.938978	56196.98	56293.4	-43.38	56153.60	56157.04688	56098.58050	56112.73438	504478.1	5409041.5
L4480.0	504478.1	5409040.3	85603.00000	233.31	37.63	48.834323	-86.938978	56195.86	56293.4	-43.39	56152.47	56156.00000	56098.03975	56112.24609	504478.1	5409040.3
L4480.0	504478.1	5409039.1	85603.10156	234.17	37.63	48.834312	-86.938978	56196.04	56293.4	-43.39	56152.65	56156.26563	56097.39836	56111.66016	504478.1	5409039.1
L4480.0	504478.1	5409039.1	85603.20313	234.41	40.19	48.834312	-86.938978	56195.65	56293.4	-43.39	56152.26	56155.96094	56096.78148	56111.10156	504478.1	5409039.1
L4480.0	504478.1	5409037.8	85603.29688	234.21	40.18	48.834301	-86.938978	56195.03	56293.4	-43.40	56151.63	56155.42188	56096.16696	56110.54688	504478.1	5409037.8
L4480.0	504478.1	5409036.0	85603.39844	234.01	38.75	48.834284	-86.938978	56192.67	56293.4	-43.40	56149.27	56153.15234	56095.65396	56110.09375	504478.1	5409036.0
L4480.0	504478.1	5409034.5	85603.50000	235.58	38.75	48.834271	-86.938978	56192.52	56293.4	-43.40	56149.12	56153.09766	56094.97963	56109.48047	504478.1	5409034.5
L4480.0	504478.1	5409033.8	85603.60156	234.62	35.95	48.834265	-86.938978	56192.75	56293.4	-43.40	56149.35	56153.42578	56094.26581	56108.82813	504478.1	5409033.8
L4480.0	504478.1	5409032.3	85603.70313	236.60	38.65	48.834251	-86.938978	56192.18	56293.4	-43.40	56148.78	56152.95313	56093.59097	56108.21484	504478.1	5409032.3
L4480.0	504478.1	5409030.8	85603.79688	234.73	38.65	48.834238	-86.938978	56191.37	56293.4	-43.41	56147.96	56152.23828	56092.91827	56107.60547	504478.1	5409030.8
L4480.0	504478.1	5409029.2	85603.89844	235.64	38.58	48.834223	-86.938978	56190.73	56293.4	-43.41	56147.33	56151.71094	56092.21820	56106.97266	504478.1	5409029.2
L4480.0	504478.1	5409029.2	85604.00000	235.03	42.25	48.834223	-86.938978	56189.56	56293.4	-43.41	56146.14	56150.62891	56091.54058	56106.36328	504478.1	5409029.2
L4480.0	504478.1	5409028.0	85604.10156	226.37	43.89	48.834212	-86.938978	56188.69	56293.4	-43.42	56145.28	56149.87891	56090.82588	56105.71484	504478.1	5409028.0
L4480.0	504478.1	5409026.3	85604.20313	223.56	43.89	48.834197	-86.938978	56187.88	56293.4	-43.42	56144.46	56149.17578	56090.09327	56105.05078	504478.1	5409026.3
L4480.0	504478.1	5409025.0	85604.29688	235.22	43.93	48.834185	-86.938978	56187.51	56293.4	-43.43	56144.08	56148.91016	56089.31589	56104.34375	504478.1	5409025.0
L4480.0	504478.1	5409023.4	85604.39844	224.81	43.28	48.834170	-86.938978	56186.68	56293.4	-43.43	56143.25	56148.19922	56088.55289	56103.65234	504478.1	5409023.4
L4480.0	504478.1	5409023.4	85604.50000	224.14	42.34	48.834170	-86.938978	56186.34	56293.4	-43.43	56142.90	56147.96875	56087.74209	56102.91406	504478.1	5409023.4
L4480.0	504478.1	5409021.8	85604.60156	235.08	42.78	48.834157	-86.938978	56183.91	56293.4	-43.44	56140.47	56145.66016	56087.05397	56102.30078	504478.1	5409021.8
L4480.0	504478.1	5409020.4	85604.60156	235.08	42.78	48.834144	-86.938978	56183.88	56293.4	-43.44	56140.43	56145.74609	56086.19036	56101.51172	504478.1	5409020.4
L4480.0	504478.1	5409019.2	85604.79688	232.13	42.78	48.834133	-86.938978	56181.56	56293.4	-43.45	56138.11	56143.55469	56085.46242	56100.86328	504478.1	5409019.2
L4480.0	504478.1	5409017.7	85604.89844	231.23	42.81	48.834120	-86.938978	56181.11	56293.5	-43.46	56137.65	56143.22656	56084.59397	56100.07031	504478.1	5409017.7
L4480.0	504478.1	5409016.5	85605.00000	231.41	43.89	48.834109	-86.938978	56180.86	56293.5	-43.46	56137.40	56143.10938	56083.69483	56099.25000	504478.1	5409016.5
L4480.0	504478.1	5409015.2	85605.10156	231.65	39.88	48.834097	-86.938978	56180.57	56293.5	-43.46	56137.12	56142.96484	56082.78085	56098.41797	504478.1	5409015.2
L4480.0	504478.1	5409015.2	85605.20313	234.20	35.38	48.834097	-86.938978	56178.61	56293.5	-43.46	56135.15	56141.13281	56081.96253	56097.67969	504478.1	5409015.2
L4480.0	504478.1	5409012.8	85605.29688	223.95	35.38	48.834075	-86.938978	56176.70	56293.5	-43.45	56133.25	56139.37109	56081.12238	56096.92188	504478.1	5409012.8
L4480.0	504478.1	5409012.8	85605.39844	222.47	37.15	48.834075	-86.938978	56176.21	56293.5	-43.45	56132.76	56139.02344	56080.17091	56096.05469	504478.1	5409012.8
L4480.0	504478.1	5409011.1	85605.50000	235.38	38.8	48.834060	-86.938978	56176.07	56293.4	-43.45	56132.62	56139.02734	56079.17864	56095.14453	504478.1	5409011.1
L4480.0	504478.1	5409009.6	85605.60156	236.30	38.8	48.834047	-86.938979	56175.25	56293.4	-43.45	56131.80	56138.35547	56078.21411	56094.26563	504478.1	5409009.6
L4480.0	504478.1	5409008.4	85605.70313	222.82	41.71	48.834036	-86.938979	56173.76	56293.4	-43.45	56130.32	56137.02344	56077.27583	56093.41406	504478.1	5409008.4
L4480.0	504478.1	5409007.0	85605.79688	224.07	39.41	48.834023	-86.938979	56171.79	56293.4	-43.44	56128.35	56135.20313	56076.35237	56092.57813	504478.1	5409007.0
L4480.0	504478.1	5409007.0	85605.89844	221.98	33.34	48.834023	-86.938979	56170.61	56293.4	-43.44	56127.17	56134.17578	56075.35825	56091.67578	504478.1	5409007.0
L4480.0	504478.0	5409003.6	85606.10156	231.61	36.58	48.833993	-86.938979	56168.05	56293.4	-43.45	56124.60	56131.76172	56074.43872	56090.84375	504478.0	5409003.6
L4480.0	504478.0	5409002.4	85606.20313	232.75	37.37	48.833982	-86.938979	56167.87	56293.5	-43.45	56124.41	56131.72656	56073.34235	56089.83984	504478.0	5409002.4
L4480.0	504478.0	5409001.0	85606.29688	233.02	37.37	48.833969	-86.938979	56165.21	56293.5	-43.46	56121.76	56129.23438	56072.39169	56088.98047	504478.0	5409001.0
L4480.0	504478.0	5409001.0	85606.39844	236.57	37.74	48.833969	-86.938979	56164.08	56293.5	-43.46	56120.62	56128.25391	56071.32203	56088.00000	504478.0	5409001.0
L4480.0	504478.0	5408998.3	85606.50000	235.56	37.98	48.833945	-86.938979	56162.51	56293.5	-43.47	56119.04	56126.83594	56070.26328	56087.03516	504478.0	5408998.3
L4480.0	504478.0	5408998.3	85606.60156	235.33	38.43	48.833945	-86.938979	56161.27	56293.5	-43.48	56117.80	56125.76172	56069.16341	56086.03125	504478.0	5408998.3
L4480.0	504478.1	5408997.3	85606.60156	235.33	38.43	48.833936	-86.938979	56158.91	56293.5	-43.48	56115.44	56123.56641	56068.11969	56085.08203	504478.1	5408997.3
L4480.0	504478.1	5408995.7	85606.79688	237.41	35.63	48.833922	-86.938979	56158.09	56293.5	-43.49	56114.60	56122.89063	56066.95612	56084.01172	504478.1	5408995.7
L4480.0	504478.1	5408994.8	85606.89844	237.30	36.3	48.833913	-86.938979	56156.31	56293.5	-43.49	56112.82	56121.27734	56065.83667	56082.99219	504478.1	5408994.8

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4480.0	504478.1	5408993.6	85607.00000	239.70	34.16	48.833903	-86.938978	56153.88	56293.5	-43.50	56110.38	56119.00781	56064.74269	56081.99219	504478.1	5408993.6
L4480.0	504478.1	5408992.1	85607.10156	238.45	31.38	48.833889	-86.938978	56153.23	56293.5	-43.50	56109.73	56118.52734	56063.51087	56080.85938	504478.1	5408992.1
L4480.0	504478.1	5408990.8	85607.20313	238.16	31.38	48.833877	-86.938978	56151.52	56293.5	-43.51	56108.01	56116.98047	56062.33193	56079.77734	504478.1	5408990.8
L4480.0	504478.1	5408990.8	85607.29688	225.71	34.52	48.833877	-86.938978	56149.69	56293.5	-43.51	56106.17	56115.31250	56061.14259	56078.68750	504478.1	5408990.8
L4480.0	504478.1	5408989.1	85607.39844	223.57	33.68	48.833863	-86.938978	56147.28	56293.5	-43.52	56103.76	56113.07422	56059.97294	56077.61719	504478.1	5408989.1
L4480.0	504478.1	5408987.5	85607.50000	235.79	33.68	48.833848	-86.938978	56146.00	56293.5	-43.53	56102.48	56111.96875	56058.70977	56076.45313	504478.1	5408987.5
L4480.0	504478.1	5408986.1	85607.60156	234.26	31.47	48.833835	-86.938978	56143.43	56293.5	-43.53	56099.90	56109.56641	56057.51519	56075.35938	504478.1	5408986.1
L4480.0	504478.1	5408984.9	85607.70313	232.84	31.47	48.833825	-86.938978	56142.42	56293.5	-43.54	56098.89	56108.73047	56056.19806	56074.14453	504478.1	5408984.9
L4480.0	504478.1	5408984.9	85607.79688	232.33	36.96	48.833825	-86.938978	56138.20	56293.5	-43.54	56094.66	56104.67578	56055.07788	56073.12500	504478.1	5408984.9
L4480.0	504478.1	5408983.3	85607.89844	232.65	36.59	48.833810	-86.938978	56136.78	56293.5	-43.55	56093.24	56103.43359	56053.75288	56071.90234	504478.1	5408983.3
L4480.0	504478.1	5408981.8	85608.00000	234.16	36.59	48.833797	-86.938978	56135.35	56293.6	-43.55	56091.80	56102.17188	56052.41198	56070.66406	504478.1	5408981.8
L4480.0	504478.1	5408980.4	85608.10156	233.99	34.62	48.833784	-86.938978	56133.70	56293.6	-43.55	56090.15	56100.69922	56051.06813	56069.42188	504478.1	5408980.4
L4480.0	504478.1	5408980.4	85608.20313	221.80	35.93	48.833784	-86.938978	56129.88	56293.6	-43.55	56086.33	56097.05859	56049.85233	56068.30859	504478.1	5408980.4
L4480.0	504478.1	5408979.0	85608.29688	222.61	35.93	48.833771	-86.938978	56127.78	56293.6	-43.55	56084.22	56095.12500	56048.50627	56067.06250	504478.1	5408979.0
L4480.0	504478.2	5408977.3	85608.39844	233.06	36.66	48.833756	-86.938978	56125.10	56293.6	-43.55	56081.54	56092.62500	56047.18236	56065.83984	504478.2	5408977.3
L4480.0	504478.2	5408975.6	85608.50000	234.08	36.61	48.833741	-86.938978	56122.88	56293.6	-43.56	56079.32	56090.58203	56045.81236	56064.57422	504478.2	5408975.6
L4480.0	504478.2	5408974.6	85608.60156	233.56	38.31	48.833732	-86.938978	56119.98	56293.6	-43.56	56076.43	56087.87109	56044.47211	56063.33594	504478.2	5408974.6
L4480.0	504478.2	5408973.2	85608.60156	233.56	38.31	48.833720	-86.938978	56117.82	56293.6	-43.56	56074.26	56085.87891	56043.06947	56062.03516	504478.2	5408973.2
L4480.0	504478.2	5408972.1	85608.79688	232.38	38.93	48.833709	-86.938978	56114.91	56293.6	-43.56	56071.35	56083.14453	56041.70235	56060.76953	504478.2	5408972.1
L4480.0	504478.2	5408970.8	85608.89844	232.82	42.57	48.833698	-86.938978	56112.15	56293.6	-43.56	56068.59	56080.56250	56040.31207	56059.48047	504478.2	5408970.8
L4480.0	504478.2	5408969.6	85609.00000	233.37	42.57	48.833687	-86.938978	56107.41	56293.6	-43.56	56063.85	56076.00000	56039.04130	56058.31250	504478.2	5408969.6
L4480.0	504478.2	5408969.6	85609.10156	231.13	31.75	48.833687	-86.938978	56105.24	56293.6	-43.56	56061.68	56074.00391	56037.58745	56056.95703	504478.2	5408969.6
L4480.0	504478.2	5408968.2	85609.20313	233.13	35.52	48.833674	-86.938978	56102.89	56293.6	-43.57	56059.32	56071.82031	56036.13531	56055.60547	504478.2	5408968.2
L4480.0	504478.2	5408966.9	85609.29688	231.64	41.47	48.833663	-86.938978	56099.68	56293.6	-43.57	56056.11	56068.78516	56034.72975	56054.30078	504478.2	5408966.9
L4480.0	504478.2	5408965.6	85609.39844	233.52	41.47	48.833651	-86.938978	56094.42	56293.6	-43.57	56050.85	56063.69922	56033.45167	56053.12109	504478.2	5408965.6
L4480.0	504478.2	5408964.7	85609.50000	234.53	43.8	48.833643	-86.938977	56092.04	56293.6	-43.57	56048.46	56061.48047	56031.97405	56051.74219	504478.2	5408964.7
L4480.0	504478.2	5408963.0	85609.60156	233.52	43.8	48.833628	-86.938977	56089.06	56293.6	-43.58	56045.48	56058.66797	56030.52860	56050.39453	504478.2	5408963.0
L4480.0	504478.2	5408961.6	85609.70313	231.58	43.55	48.833615	-86.938977	56085.23	56293.6	-43.58	56041.65	56055.00781	56029.13374	56049.09766	504478.2	5408961.6
L4480.0	504478.2	5408961.6	85609.79688	220.77	43.45	48.833615	-86.938977	56079.74	56293.6	-43.58	56036.16	56049.68750	56027.84464	56047.90625	504478.2	5408961.6
L4480.0	504478.2	5408960.1	85609.89844	222.71	36.7	48.833602	-86.938977	56077.65	56293.6	-43.59	56034.06	56047.75391	56026.32588	56046.48438	504478.2	5408960.1
L4480.0	504478.2	5408958.6	85610.00000	233.94	36.7	48.833588	-86.938977	56073.19	56293.6	-43.59	56029.60	56043.46094	56024.96207	56045.21484	504478.2	5408958.6
L4480.0	504478.2	5408957.0	85610.10156	233.17	36.02	48.833574	-86.938977	56068.56	56293.6	-43.60	56024.97	56038.99219	56023.60859	56043.95313	504478.2	5408957.0
L4480.0	504478.2	5408955.8	85610.20313	233.79	36.02	48.833563	-86.938977	56064.52	56293.6	-43.60	56020.92	56035.10547	56022.21686	56042.65625	504478.2	5408955.8
L4480.0	504478.2	5408954.3	85610.29688	234.93	34.17	48.833549	-86.938977	56061.40	56293.6	-43.61	56017.79	56032.13672	56020.76572	56041.29688	504478.2	5408954.3
L4480.0	504478.2	5408954.3	85610.39844	232.63	34.75	48.833549	-86.938977	56055.79	56293.6	-43.61	56012.18	56026.68359	56019.48340	56040.10547	504478.2	5408954.3
L4480.0	504478.2	5408952.9	85610.50000	232.98	35.25	48.833536	-86.938977	56050.32	56293.6	-43.62	56006.70	56021.35938	56018.19752	56038.90625	504478.2	5408952.9
L4480.0	504478.2	5408951.4	85610.60156	234.36	35.25	48.833523	-86.938977	56046.58	56293.6	-43.63	56002.96	56017.77344	56016.80246	56037.60156	504478.2	5408951.4
L4480.0	504478.2	5408950.0	85610.60156	234.36	32.95	48.833510	-86.938977	56042.16	56293.6	-43.63	55998.53	56013.49609	56015.46196	56036.34766	504478.2	5408950.0
L4480.0	504478.2	5408948.7	85610.79688	235.79	34.18	48.833499	-86.938977	56035.81	56293.6	-43.64	55992.18	56007.29297	56014.25984	56035.23047	504478.2	5408948.7
L4480.0	504478.2	5408947.5	85610.89844	236.10	35.22	48.833488	-86.938977	56031.93	56293.6	-43.64	55988.29	56003.55078	56012.90598	56033.96094	504478.2	5408947.5
L4480.0	504478.2	5408947.5	85611.00000	236.85	35.22	48.833488	-86.938977	56026.17	56293.7	-43.65	55982.52	55997.92578	56011.69164	56032.82813	504478.2	5408947.5
L4480.0	504478.2	5408945.8	85611.10156	235.99	37.55	48.833473	-86.938977	56020.91	56293.7	-43.65	55977.26	55992.80469	56010.45948	56031.67578	504478.2	5408945.8
L4480.0	504478.2	5408944.4	85611.20313	235.99	37.16	48.833460	-86.938977	56016.23	56293.7	-43.65	55972.57	55988.25391	56009.20752	56030.50391	504478.2	5408944.4
L4480.0	504478.2	5408943.1	85611.29688	235.16	37.16	48.833448	-86.938977	56010.96	56293.7	-43.65	55967.31	55983.13281	56008.01383	56029.38672	504478.2	5408943.1
L4480.0	504478.2	5408941.6	85611.39844	224.28	38.47	48.833435	-86.938977	56005.00	56293.7	-43.65	55961.35	55977.30469	56006.88920	56028.33594	504478.2	5408941.6
L4480.0	504478.2	5408940.4	85611.50000	222.30	39.32	48.833424	-86.938977	55999.51	56293.7	-43.65	55955.85	55971.93359	56005.75844	56027.27734	504478.2	5408940.4
L4480.0	504478.2	5408939.4	85611.60156	234.91	40.87	48.833415	-86.938977	55994.61	56293.7	-43.66	55950.95	55967.16406	56004.61439	56026.20703	504478.2	5408939.4
L4480.0	504478.3	5408937.8	85611.70313	235.84	40.87	48.833401	-86.938977	55988.10	56293.7	-43.66	55944.45	55960.78516	56003.60590	56025.26563	504478.3	5408937.8
L4480.0	504478.3	5408937.8	85611.79688	235.04	31.59	48.833401	-86.938977	55981.98	56293.7	-43.66	55938.32	55954.77734	56002.60386	56024.33203	504478.3	5408937.8
L4480.0	504478.3	5408936.4	85611.89844	234.64	35.4	48.833388	-86.938977	55975.88	56293.7	-43.66	55932.22	55948.79688	56001.63314	56023.42578	504478.3	5408936.4
L4480.0	504478.3	5408935.1	85612.00000	233.66	35.4	48.833377	-86.938977	55971.54	56293.7	-43.66	55927.88	55944.57031	56000.58063	56022.43750	504478.3	5408935.1
L4480.0	504478.3	5408933.8	85612.10156	232.33	33.48	48.833364	-86.938977	55963.97	56293.7	-43.67	55920.30	55937.10156	55999.78186	56021.69922	504478.3	5408933.8
L4480.0	504478.3	5408932.2	85612.20313	232.70	42.54	48.833351	-86.938977	55958.81	56293.7	-43.68	55915.14	55932.05078	55998.86169	56020.83594	504478.3	5408932.2
L4480.0	504478.3	5408931.3	85612.29688	232.68	36.12	48.833343	-86.938977	55953.45	56293.7	-43.68	55909.76	55926.77734	55997.99827	56020.03125	504478.3	5408931.3
L4480.0	504478.3	5408929.9	85612.39844	231.81	36.87	48.833329	-86.938977	55947.13	56293.7	-43.69	55903.43	55920.54688	55997.24240	56019.32813	504478.3	5408929.9
L4480.0	504478.3	5408928.6	85612.50000	232.27	36.87	48.833318	-86.938977	55941.16	56293.7	-43.70	55897.46	55914.67578	55996.50882	56018.64453	504478.3	5408928.6
L4480.0	504478.3	5408927.0	85612.60156	232.79	35.3	48.833303	-86.938977	55936.53	56293.7	-43.71	55892.82	55910.12891	55995.73489	56017.92188	504478.3	5408927.0
L4480.0	504478.3	5408927.0	85612.60156	232.79	38.39	48.833303	-86.938977	55931.34	56293.7	-43.71	55887.63	55905.02734	55995.04790	56017.28125	504478.3	5408927.0
L4480.0	504478.3	5408925.4	85612.79688	232.57	38.72	48.833289	-86.938977	55926.08	56293.7	-43.72	55882.35	55899.83594	55994.41908	56016.69531	504478.3	5408925.4
L4480.0	504478.3	5408924.1	85612.89844	233.89	38.72	48.833277	-86.938977	55921.81	56293.7	-43.73	55878.07	55895.64063	55993.77755	56016.09375	504478.3	5408924.1
L4480.0	504478.3	5408922.8	85613.00000	235.04	41	48.833266	-86.938976	55915.93	56293.7	-43.74	55872.19	55889.83984	55993.29838	56015.65625	504478.3	5408922.8
L4480.0	504478.3	5408921.5	85613.10156	234.11	42.42	48.833254	-86.938976	55912.29	56293.7	-43.74	55868.55	55886.27344	55992.72716	56015.11719	504478.3	5408921.5
L4480.0	504478.3	5408919.9	85613.20313	233.79	41.94	48.833240	-86.938976	55907.69	56293.7	-43.74	55863.95	55881.74609	55992.27875	56014.70313	504478.3	5408919.9
L4480.0	504478.3	5408918.9	85613.29688	234.65	41.98	48.833230	-86.938976	55904.02	56293.7	-43.74	55860.28	55878.14453	55991.82852	56014.28516	504478.3	5408918.9
L4480.0	504478.3	5408917.5	85613.39844	235.15	41.98	48.833218	-86.938977	55900.76	56293.7	-43.74	55857.02	55874.94922	55991.41241	56013.89453	504478.3	5408917.5
L4480.0	504478.3	5408917.5	85613.50000	235.02	33.89	48.833218	-86.938977	55898.20	56293.7	-43.74	55854.46	55872.44922	55991.01221	56013.51953	504478.3	5408917.5
L4480.0	504478.3	5408916.2	85613.60156	234.72	37.18	48.833207	-86.938977	55894.79	56293.7	-43.74	55851.05	55869.09375	55990.73226	56013.26172	504478.3	5408916.2
L4480.0	504478.3	5408914.9	85613.70313	233.21	41.44	48.833194	-86.938977	55892.76	56293.7	-43.74	55849.02	55867.11719	55990.42474	56012.97266	504478.3	5408914.9
L4480.0	504478.3	5408913.3	85613.79688	232.60	41.44	48.833181	-86.938977	55891.38	56293.7	-43.74	55847.64	55865.78906	55990.13902	56012.70313	504478.3	5408913.3
L4480.0	504478.3	5408911.5	85613.89844	233.12	36.9	48.833164	-86.938977	55890.21	56293.7	-43.74	55846.47	55864.66406	55989.90499	56012.48047	504478.3	5408911.5
L4480.0	504478.3	5408911.5	85614.00000	234.23	35.9	48.833164	-86.938977	55889.70	56293.7	-43.74	55845.96	55864.19531	55989.69305	56012.27734	504478.3	5408911.5
L4480.0	504478.3	5408910.3	85614.10156	222.72	35.9	48.833154	-86.938977	55888.19	56293.7	-43.74	55844.44	55862.71094	55989.61478	56012.20703	504478.3	5408910.3
L4480.0	504478.3	5408908.5	85614.20313	223.40	37.11	48.833137	-86.938977	55889.00	56293.8	-43.75	55845.25	55863.55469	55989.44760	56012.04297	504478.3	5408908.5
L4480.0	504478.3	5408907.0	85614.29688	235.72	40.57	48.833124	-86.938977	55887.73	56293.8	-43.75	55843.98	55862.31641	55989.48543	56012.08203	504478.3	5408907.0
L4480.0	504478.3	5408907.0	85614.39844	235.09	40.57	48.833124	-86.938977	55890.39	56293.8	-43.76	55846.63	55864.99219	55989.32806	56011.92188	504478.3	5408907.0
L4480.0	504478.3	5408905.8	85614.50000	235.01	41.11	48.833113	-86.938977	55890.32	56293.8	-43.76	55846.55	55864.93359	55989.41843	56012.00391	504478.3	5408905.8
L4480.0	504478.3	5408904.4	85614.60156	234.64	42.11	48.833100	-86.938977	55893.22	56293.8	-43.77	55849.45	55867.85156	55989.37535	56011.95313	504478.3	5408904.4
L4480.0	504478.3	5408903.0	85614.60156	234.64	41.77	48.833087	-86.938977	55895.77	56293.8	-43.77	55852.00	55870.41406	55989.42013	56011.98438	504478.3	5408903.0
L4480.0	504478.3	5408901.5	85614.79688	233.86	41.77	48.833074	-86.938977	55897.80	56293.8	-43.78	55854.02	55872.44531	55989.56395	56012.11328	504478.3	5408901.5
L4480.0	504478.3	5408901.5	85614.89844	233.88	36.82	48.833074	-86.938977	55900.31	56293.8	-43.79	55856.52	55874.95313	55989.73851	56012.26953	504478.3	5408901.5
L4480.0	504478.3	5408899.8	85615.00000	234.40	36.82	48.833059	-86.938977	55904.42	56293.8	-43.79	55860.63	55879.06641	55989.86738	56012.37891	504478.3	5408899.8
L4480.0	504478.3	5408898.2	85615.10156	236.85	34.28	48.833044	-86.938977	55907.21	56293.8	-43.79	55863.42	55881.85938	55990.14467	56012.62891	504478.3	5408898.2
L4480.0	504478.3	5408896.7	85615.20313	236.38	38.07	48.833031	-86.938977	55910.98	56293.8	-43.79	55867.18	55885.61328	55990.41638	56012.87500	504478.3	5408896.7
L4480.0	504478.3	5408895.8	85615.29688	234.83	38.07	48.833023	-86.938977	55915.28	56293.8	-43.79	55871.48	55889.90625	55990.70972	56013.13672	504478.3	5408895.8
L4480.0	504478.3	5408894.3	85615.39844	234.04	41.51	48.833010	-86.938977	55920.39	56293.8	-43.79	55876.59	55895.00781	55991.00513	56013.39844	504478.3	5408894.3
L4480.0	504478.3	5408894.3	85615.50000	234.27	36.25	48.833010	-86.938977	55923.60	56293.8	-43.79	55879.81	55898.21094	55991.48097	56013.83594	504478.3	5408894.3
L4480.0	504478.3	5408892.9	85615.60156	234.13	35.18	48.832997	-86.938977	55929.62	56293.8	-43.80	55885.82	55904.20703	55991.82350	56014.13672	504478.3	5408892.9
L4480.0	504478.3	5408891.4	85615.70313	235.37	35.18	48.832984	-86.938977	55932.73	56293.8	-43.80	55888.93	55907.29688	55992.41024	56014.67969	504478.3	5408891.4
L4480.0	504478.3	5408890.0	85615.79688	234.29	35.68	48.832971	-86.938977	55939.18	56293.8	-43.80	55895.39	55913.73047	55992.82266	56015.04297	504478.3	5408890.0
L4480.0	504478.3	5408888.6	85615.89844	235.47	42.19	48.832958	-86.938977	55943.64	56293.8	-43.80	55899.84	55918.15625	55993.41616	56015.58594	504478.3	5408888.6
L4480.0	504478.3	5408887.6	85616.00000	235.70	41.97	48.832949	-86.938977	55949.91	56293.8	-43.80	55906.11	55924.39453	55993.93342	56016.05078	504478.3	5408887.6
L4480.0	504478.3	5408887.6	85616.10156	236.21	41.97	48.832949	-86.938977	55952.96	56293.8	-43.80	55909.16	55927.41016	55994.70842	56016.76953	504478.3	5408887.6
L4480.0	504478.3	5408885.7	85616.20313	235.44	40.45	48.832932	-86.938977	55958.96	56293.8	-43.81	55915.15	55933.36328	55995.32844	56017.32813	504478.3	5408885.7

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4480.0	504478.3	5408884.5	85616.29688	233.60	40.45	48.832921	-86.938977	55964.10	56293.8	-43.81	55920.29	55938.46484	55996.04410	56017.98047	504478.3	5408884.5
L4480.0	504478.2	5408882.8	85616.39844	232.24	42.46	48.832906	-86.938978	55968.88	56293.8	-43.81	55925.07	55943.20313	55996.82063	56018.69141	504478.2	5408882.8
L4480.0	504478.2	5408882.8	85616.50000	234.27	40.32	48.832906	-86.938978	55974.52	56293.8	-43.82	55930.70	55948.78906	55997.57529	56019.37891	504478.2	5408882.8
L4480.0	504478.2	5408881.1	85616.60156	236.18	38.76	48.832891	-86.938978	55980.52	56293.8	-43.82	55936.70	55954.74219	55998.33799	56020.07031	504478.2	5408881.1
L4480.0	504478.2	5408879.3	85616.60156	236.18	38.76	48.832874	-86.938978	55983.98	56293.8	-43.82	55940.16	55958.15234	55999.30067	56020.95703	504478.2	5408879.3
L4480.0	504478.2	5408877.6	85616.79688	234.10	38.76	48.832859	-86.938978	55988.64	56293.8	-43.82	55944.81	55962.75000	56000.21260	56021.79297	504478.2	5408877.6
L4480.0	504478.2	5408877.6	85616.89844	235.15	40.58	48.832859	-86.938978	55993.44	56293.8	-43.83	55949.61	55967.49609	56001.14110	56022.64063	504478.2	5408877.6
L4480.0	504478.2	5408876.4	85617.00000	235.55	40.58	48.832848	-86.938978	55998.52	56293.8	-43.83	55954.69	55972.51563	56002.07550	56023.48828	504478.2	5408876.4
L4480.0	504478.2	5408875.0	85617.10156	234.99	38.48	48.832836	-86.938978	56003.02	56293.8	-43.83	55959.19	55976.95703	56003.07116	56024.39844	504478.2	5408875.0
L4480.0	504478.2	5408873.6	85617.20313	235.42	36.54	48.832823	-86.938979	56007.45	56293.8	-43.84	55963.61	55981.31641	56004.09284	56025.33203	504478.2	5408873.6
L4480.0	504478.2	5408873.6	85617.29688	237.38	37.96	48.832823	-86.938979	56012.18	56293.8	-43.84	55968.34	55985.98438	56005.11266	56026.25781	504478.2	5408873.6
L4480.0	504478.1	5408871.7	85617.39844	238.46	37.96	48.832806	-86.938979	56015.09	56293.8	-43.85	55971.24	55988.81641	56006.27146	56027.32422	504478.1	5408871.7
L4480.0	504478.1	5408870.3	85617.50000	237.05	38.12	48.832793	-86.938979	56020.10	56293.9	-43.85	55976.25	55993.75781	56007.30479	56028.25781	504478.1	5408870.3
L4480.0	504478.1	5408870.3	85617.60156	236.17	39.74	48.832793	-86.938979	56024.86	56293.9	-43.85	55981.00	55998.44141	56008.36894	56029.22266	504478.1	5408870.3
L4480.0	504478.1	5408868.4	85617.70313	234.70	40.16	48.832777	-86.938980	56028.32	56293.9	-43.86	55984.46	56001.82813	56009.53091	56030.28125	504478.1	5408868.4
L4480.0	504478.1	5408866.9	85617.79688	233.33	40.16	48.832763	-86.938980	56031.56	56293.9	-43.86	55987.70	56004.99609	56010.71775	56031.36328	504478.1	5408866.9
L4480.0	504478.1	5408865.6	85617.89844	233.92	43.24	48.832751	-86.938980	56036.29	56293.9	-43.87	55992.42	56009.64063	56011.81461	56032.35156	504478.1	5408865.6
L4480.0	504478.1	5408864.4	85618.00000	234.95	38.28	48.832740	-86.938980	56040.44	56293.9	-43.87	55996.57	56013.71484	56012.95665	56033.38281	504478.1	5408864.4
L4480.0	504478.1	5408862.9	85618.10156	235.57	38.28	48.832727	-86.938980	56043.20	56293.9	-43.87	55999.33	56016.39844	56014.19714	56034.51172	504478.1	5408862.9
L4480.0	504478.1	5408861.5	85618.20313	235.57	39.71	48.832715	-86.938980	56047.85	56293.9	-43.87	56003.98	56020.96875	56015.31605	56035.51563	504478.1	5408861.5
L4480.0	504478.1	5408861.5	85618.29688	235.27	41.52	48.832715	-86.938980	56049.70	56293.9	-43.87	56005.83	56022.74219	56016.62475	56036.70703	504478.1	5408861.5
L4480.0	504478.1	5408860.1	85618.39844	235.66	42.64	48.832702	-86.938980	56053.74	56293.9	-43.87	56009.87	56026.69922	56017.78937	56037.75391	504478.1	5408860.1
L4480.0	504478.1	5408858.7	85618.50000	235.75	42.64	48.832689	-86.938980	56056.81	56293.9	-43.87	56012.94	56029.68750	56019.01939	56038.85938	504478.1	5408858.7
L4480.0	504478.1	5408857.2	85618.60156	236.89	40.28	48.832676	-86.938981	56059.71	56293.9	-43.86	56015.85	56032.51563	56020.25973	56039.97656	504478.1	5408857.2
L4480.0	504478.1	5408856.3	85618.60156	236.89	40.28	48.832667	-86.938981	56062.64	56293.9	-43.86	56018.78	56035.36328	56021.49734	56041.08984	504478.1	5408856.3
L4480.0	504478.1	5408856.3	85618.79688	236.32	36.34	48.832667	-86.938981	56066.62	56293.9	-43.86	56022.76	56039.25781	56022.66258	56042.12891	504478.1	5408856.3
L4480.0	504478.0	5408854.1	85618.89844	235.45	38.35	48.832648	-86.938981	56068.08	56293.9	-43.86	56024.22	56040.63281	56023.99254	56043.32813	504478.0	5408854.1
L4480.0	504478.0	5408852.4	85619.00000	234.63	38.35	48.832633	-86.938981	56071.42	56293.9	-43.86	56027.56	56043.89063	56025.19302	56044.39844	504478.0	5408852.4
L4480.0	504478.0	5408851.0	85619.10156	235.13	44.84	48.832620	-86.938981	56074.16	56293.9	-43.87	56030.29	56046.53516	56026.42922	56045.50000	504478.0	5408851.0
L4480.0	504478.0	5408851.0	85619.20313	234.83	44.7	48.832620	-86.938981	56077.32	56293.9	-43.88	56033.44	56049.59766	56027.63174	56046.56641	504478.0	5408851.0
L4480.0	504478.1	5408849.6	85619.29688	235.63	44.7	48.832607	-86.938981	56079.64	56293.9	-43.88	56035.76	56051.83203	56028.88322	56047.68359	504478.1	5408849.6
L4480.0	504478.0	5408847.9	85619.39844	235.34	43.63	48.832592	-86.938981	56081.59	56293.9	-43.89	56037.70	56053.68750	56030.15301	56048.81641	504478.0	5408847.9
L4480.0	504478.0	5408847.9	85619.50000	234.56	38.09	48.832592	-86.938981	56084.24	56293.9	-43.90	56040.34	56056.23828	56031.36853	56049.89063	504478.0	5408847.9
L4480.0	504478.0	5408846.3	85619.60156	235.31	38.09	48.832578	-86.938981	56086.68	56293.9	-43.91	56042.77	56058.58203	56032.58991	56050.97266	504478.0	5408846.3
L4480.0	504478.0	5408845.1	85619.70313	233.00	31.37	48.832567	-86.938981	56088.83	56293.9	-43.92	56044.91	56060.63672	56033.82199	56052.06250	504478.0	5408845.1
L4480.0	504478.0	5408843.9	85619.79688	232.16	33.41	48.832556	-86.938981	56090.59	56293.9	-43.92	56046.67	56062.30859	56035.07032	56053.16406	504478.0	5408843.9
L4480.0	504478.0	5408842.7	85619.89844	232.28	33.41	48.832545	-86.938981	56093.35	56293.9	-43.93	56049.42	56064.97266	56036.24316	56054.19531	504478.0	5408842.7
L4480.0	504478.0	5408841.3	85620.00000	231.48	42.99	48.832533	-86.938981	56095.28	56293.9	-43.94	56051.34	56066.80859	56037.46149	56055.26563	504478.0	5408841.3
L4480.0	504478.0	5408839.9	85620.10156	232.03	42.34	48.832520	-86.938981	56097.20	56293.9	-43.94	56053.26	56068.64453	56038.66965	56056.32813	504478.0	5408839.9
L4480.0	504478.1	5408838.5	85620.20313	232.48	43.08	48.832507	-86.938981	56099.86	56293.9	-43.94	56055.91	56071.20703	56039.81868	56057.32813	504478.1	5408838.5
L4480.0	504478.1	5408837.3	85620.29688	231.84	43.08	48.832497	-86.938981	56100.08	56293.9	-43.94	56056.14	56071.35547	56041.11834	56058.48047	504478.1	5408837.3
L4480.0	504478.1	5408837.3	85620.39844	230.43	40.25	48.832497	-86.938981	56103.09	56293.9	-43.94	56059.15	56074.28125	56042.22174	56059.43359	504478.1	5408837.3
L4480.0	504478.1	5408836.0	85620.50000	231.43	39.02	48.832485	-86.938981	56103.73	56293.9	-43.94	56059.78	56074.82813	56043.47270	56060.53125	504478.1	5408836.0
L4480.0	504478.1	5408834.6	85620.60156	231.83	35.32	48.832472	-86.938981	56105.46	56293.9	-43.95	56061.52	56076.48438	56044.63839	56061.54688	504478.1	5408834.6
L4480.0	504478.1	5408833.2	85620.60156	231.83	35.32	48.832459	-86.938980	56107.72	56293.9	-43.95	56063.77	56078.65234	56045.75868	56062.51563	504478.1	5408833.2
L4480.0	504478.1	5408831.6	85620.79688	233.28	37.31	48.832445	-86.938980	56108.76	56293.9	-43.95	56064.81	56079.61328	56046.94816	56063.55078	504478.1	5408831.6
L4480.0	504478.1	5408831.6	85620.89844	233.91	39.64	48.832445	-86.938980	56111.16	56293.9	-43.95	56067.21	56081.92969	56048.03540	56064.48438	504478.1	5408831.6
L4480.0	504478.1	5408830.2	85621.00000	234.31	39.64	48.832432	-86.938980	56112.45	56293.9	-43.95	56068.50	56083.14063	56049.18502	56065.48047	504478.1	5408830.2
L4480.0	504478.1	5408828.7	85621.10156	236.98	41.34	48.832419	-86.938980	56113.92	56294	-43.95	56069.97	56084.53516	56050.31100	56066.45313	504478.1	5408828.7
L4480.0	504478.1	5408826.8	85621.20313	235.76	40.41	48.832402	-86.938980	56115.44	56294	-43.95	56071.48	56085.96875	56051.42266	56067.41016	504478.1	5408826.8
L4480.0	504478.1	5408826.3	85621.29688	232.84	40.41	48.832398	-86.938980	56117.53	56294	-43.96	56073.57	56087.98047	56052.48402	56068.31641	504478.1	5408826.3
L4480.0	504478.1	5408824.9	85621.39844	234.28	39.49	48.832385	-86.938980	56118.32	56294	-43.96	56074.37	56088.70703	56053.61978	56069.30078	504478.1	5408824.9
L4480.0	504478.2	5408823.5	85621.50000	233.96	40.63	48.832372	-86.938979	56120.57	56294	-43.96	56076.61	56090.87109	56054.64797	56070.17188	504478.2	5408823.5
L4480.0	504478.2	5408823.5	85621.60156	234.63	42.16	48.832372	-86.938979	56121.63	56294	-43.96	56077.67	56091.85938	56055.74335	56071.11328	504478.2	5408823.5
L4480.0	504478.2	5408822.0	85621.70313	233.36	43.75	48.832359	-86.938979	56122.14	56294	-43.96	56078.18	56092.29688	56056.86397	56072.07813	504478.2	5408822.0
L4480.0	504478.2	5408820.6	85621.79688	232.00	43.75	48.832347	-86.938979	56123.90	56294	-43.97	56079.94	56093.98828	56057.88995	56072.94922	504478.2	5408820.6
L4480.0	504478.2	5408819.4	85621.89844	235.51	43.9	48.832336	-86.938979	56125.45	56294	-43.97	56081.48	56095.46094	56058.91939	56073.82422	504478.2	5408819.4
L4480.0	504478.2	5408818.0	85622.00000	233.62	43.9	48.832323	-86.938979	56126.54	56294	-43.97	56082.57	56096.48047	56059.96773	56074.71875	504478.2	5408818.0
L4480.0	504478.2	5408818.0	85622.10156	233.44	44.38	48.832323	-86.938979	56126.36	56294	-43.97	56082.39	56096.23438	56061.08979	56075.68750	504478.2	5408818.0
L4480.0	504478.2	5408816.3	85622.20313	233.12	41.17	48.832308	-86.938979	56128.44	56294	-43.97	56084.47	56098.25000	56062.05037	56076.49219	504478.2	5408816.3
L4480.0	504478.2	5408814.6	85622.29688	233.92	41.17	48.832293	-86.938979	56129.80	56294	-43.97	56085.83	56099.54688	56063.04828	56077.33984	504478.2	5408814.6
L4480.0	504478.2	5408813.4	85622.39844	234.59	37.12	48.832282	-86.938979	56130.16	56294	-43.97	56086.19	56099.84766	56064.10236	56078.23828	504478.2	5408813.4
L4480.0	504478.2	5408812.2	85622.50000	235.70	38.73	48.832271	-86.938979	56131.70	56294	-43.97	56087.73	56101.32422	56065.06743	56079.05078	504478.2	5408812.2
L4480.0	504478.2	5408810.6	85622.60156	234.74	38.73	48.832256	-86.938979	56132.93	56294	-43.97	56088.96	56102.49609	56066.04302	56079.87500	504478.2	5408810.6
L4480.0	504478.2	5408810.6	85622.60156	234.74	42.19	48.832256	-86.938979	56134.06	56294	-43.97	56090.08	56103.55859	56067.01597	56080.69922	504478.2	5408810.6
L4480.0	504478.2	5408809.1	85622.79688	235.24	43.97	48.832243	-86.938979	56134.82	56294	-43.97	56090.85	56104.27344	56068.00247	56081.53516	504478.2	5408809.1
L4480.0	504478.2	5408807.7	85622.89844	234.92	45.97	48.832231	-86.938979	56135.63	56294	-43.97	56091.65	56105.01563	56068.97739	56082.35938	504478.2	5408807.7
L4480.0	504478.2	5408806.3	85623.00000	234.17	45.97	48.832218	-86.938979	56137.14	56294	-43.97	56093.17	56106.48438	56069.89492	56083.12891	504478.2	5408806.3
L4480.0	504478.2	5408804.8	85623.10156	235.73	45.41	48.832205	-86.938979	56137.70	56294	-43.97	56093.72	56106.98047	56070.86794	56083.95313	504478.2	5408804.8
L4480.0	504478.2	5408803.5	85623.20313	234.77	45.6	48.832192	-86.938979	56138.55	56294	-43.98	56094.57	56107.78125	56071.81200	56084.75000	504478.2	5408803.5
L4480.0	504478.2	5408803.5	85623.29688	235.21	45.6	48.832192	-86.938979	56140.07	56294	-43.98	56096.09	56109.25000	56072.70263	56085.49609	504478.2	5408803.5
L4480.0	504478.2	5408802.0	85623.39844	235.50	45.99	48.832179	-86.938979	56140.20	56294	-43.99	56096.21	56109.32422	56073.67806	56086.32422	504478.2	5408802.0
L4480.0	504478.2	5408800.6	85623.50000	234.47	46.04	48.832167	-86.938979	56141.86	56294	-43.99	56097.87	56110.93750	56074.54251	56087.04688	504478.2	5408800.6
L4480.0	504478.2	5408799.2	85623.60156	236.30	46.04	48.832154	-86.938978	56141.88	56294	-43.99	56097.88	56110.90234	56075.50886	56087.86719	504478.2	5408799.2
L4480.0	504478.3	5408797.8	85623.70313	235.26	45.99	48.832141	-86.938978	56143.57	56294	-44.00	56099.57	56112.54688	56076.35535	56088.57422	504478.3	5408797.8
L4480.0	504478.3	5408797.8	85623.79688	235.70	45.84	48.832141	-86.938978	56143.58	56294	-44.00	56099.58	56112.51563	56077.30621	56089.38281	504478.3	5408797.8
L4480.0	504478.3	5408796.3	85623.89844	237.74	45.91	48.832128	-86.938978	56145.43	56294	-44.01	56101.43	56114.32422	56078.12698	56090.06641	504478.3	5408796.3
L4480.0	504478.3	5408795.2	85624.00000	236.71	45.96	48.832118	-86.938978	56144.81	56294	-44.01	56100.80	56113.65234	56079.10591	56090.90625	504478.3	5408795.2
L4480.0	504478.3	5408793.8	85624.10156	237.39	45.96	48.832106	-86.938978	56146.92	56294	-44.01	56102.91	56115.72266	56079.89523	56091.55859	504478.3	5408793.8
L4480.0	504478.3	5408793.8	85624.20313	237.46	45.9	48.832106	-86.938978	56146.96	56294	-44.02	56102.94	56115.71875	56080.81651	56092.34375	504478.3	5408793.8
L4480.0	504478.3	5408792.2	85624.29688	238.31	45.94	48.832091	-86.938978	56147.98	56294	-44.02	56103.96	56116.69922	56081.66530	56093.05859	504478.3	5408792.2
L4480.0	504478.3	5408790.0	85624.39844	238.50	45.94	48.832071	-86.938977	56148.57	56294	-44.02	56104.55	56117.25391	56082.53651	56093.79688	504478.3	5408790.0
L4480.0	504478.3	5408790.0	85624.50000	237.60	45.84	48.832071	-86.938977	56149.87	56294	-44.03	56105.84	56118.51172	56083.35504	56094.48438	504478.3	5408790.0
L4480.0	504478.3	5408788.2	85624.60156	237.14	45.48	48.832055	-86.938977	56150.82	56294	-44.03	56106.79	56119.42578	56084.19047	56095.18750	504478.3	5408788.2
L4480.0	504478.4	5408786.7	85624.60156	237.14	45.48	48.832042	-86.938977	56151.05	56294	-44.03	56107.02	56119.62500	56085.06834	56095.93750	504478.4	5408786.7
L4480.0	504478.4	5408785.3	85624.79688	234.50	44.82	48.832029	-86.938977	56152.06	56294	-44.03	56108.03	56120.60547	56085.88891	56096.62891	504478.4	5408785.3
L4480.0	504478.4	5408785.3	85624.89844	234.85	35.53	48.832029	-86.938977	56152.17	56294	-44.04	56108.13	56120.67578	56086.76506	56097.38281	504478.4	5408785.3
L4480.0	504478.4	5408783.6	85625.00000	233.76	35.53	48.832014	-86.938977	56153.40	56294	-44.04	56109.36	56121.87500	56087.56103	56098.05469	504478.4	5408783.6
L4480.0	504478.4	5408783.6	85625.10156	234.68	36.43	48.832014	-86.938977	56153.75	56294	-44.04	56109.71	56122.19531	56088.41104	56098.78125	504478.4	5408783.6
L4480.0	504478.4	5408781.5	85625.20313	232.86	40.14	48.831995	-86.938977	56154.85	56294	-44.05	56110.80	56123.25781	56089.20734	56099.45703	504478.4	5408781.5
L4480.0	504478.4	5408780.1	85625.29688	234.07	40.14	48.831982	-86.938976	56155.36	56294	-44.05	56111.31	56123.74219	56090.03813	56100.16797	504478.4	5408780.1
L4480.0	504478.4	5408778.6	85625.39844	235.26	44.61	48.831969	-86.938976	56156.48	56294.1	-44.05	56112.43	56124.83594	56090.82432	56100.83594	504478.4	5408778.6
L4480.0	504478.4	5408777.9	85625.50000	234.91	45.51	48.831962	-86.938976	56156.82	56294.1	-44.06	56112.76	56125.14063	56091.65946	56101.55469	504478.4	5408777.9

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4480.0	504478.4	5408776.4	85625.60156	235.85	45.41	48.831949	-86.938976	56157.30	56294.1	-44.06	56113.24	56125.59375	56092.48111	56102.26172	504478.4	5408776.4
L4480.0	504478.4	5408774.8	85625.70313	235.71	45.41	48.831934	-86.938976	56158.11	56294.1	-44.06	56114.05	56126.37891	56093.27748	56102.94531	504478.4	5408774.8
L4480.0	504478.4	5408773.6	85625.79688	235.00	45.48	48.831924	-86.938976	56158.58	56294.1	-44.06	56114.52	56126.82422	56094.09345	56103.64844	504478.4	5408773.6
L4480.0	504478.4	5408772.4	85625.89844	237.93	45.21	48.831913	-86.938976	56160.08	56294.1	-44.07	56116.01	56128.29297	56094.83857	56104.28125	504478.4	5408772.4
L4480.0	504478.4	5408771.4	85626.00000	237.77	45.21	48.831904	-86.938977	56160.08	56294.1	-44.07	56116.01	56128.26953	56095.68038	56105.01563	504478.4	5408771.4
L4480.0	504478.4	5408771.4	85626.10156	238.14	45.4	48.831904	-86.938977	56161.35	56294.1	-44.07	56117.28	56129.51563	56096.43508	56105.66406	504478.4	5408771.4
L4480.0	504478.4	5408769.6	85626.20313	236.46	45.4	48.831887	-86.938977	56160.94	56294.1	-44.07	56116.87	56129.08203	56097.29955	56106.42188	504478.4	5408769.6
L4480.0	504478.4	5408768.1	85626.29688	237.06	41.78	48.831875	-86.938977	56162.46	56294.1	-44.07	56118.39	56130.57813	56098.03331	56107.05469	504478.4	5408768.1
L4480.0	504478.4	5408766.7	85626.39844	235.42	40.74	48.831861	-86.938977	56163.09	56294.1	-44.07	56119.03	56131.19531	56098.82390	56107.74219	504478.4	5408766.7
L4480.0	504478.4	5408766.7	85626.50000	235.86	44.3	48.831861	-86.938977	56163.36	56294.1	-44.07	56119.29	56131.43359	56099.63815	56108.45703	504478.4	5408766.7
L4480.0	504478.4	5408764.8	85626.60156	234.50	44.3	48.831845	-86.938977	56164.67	56294.1	-44.06	56120.60	56132.71875	56100.38093	56109.10156	504478.4	5408764.8
L4480.0	504478.4	5408764.8	85626.60156	234.50	39.75	48.831845	-86.938977	56165.01	56294.1	-44.06	56120.95	56133.04688	56101.18641	56109.80859	504478.4	5408764.8
L4480.0	504478.4	5408763.2	85626.79688	235.40	39.75	48.831830	-86.938977	56165.97	56294.1	-44.06	56121.91	56133.98438	56101.95010	56110.47656	504478.4	5408763.2
L4480.0	504478.4	5408761.7	85626.89844	236.23	41.82	48.831817	-86.938977	56166.69	56294.1	-44.06	56122.63	56134.67969	56102.72882	56111.16406	504478.4	5408761.7
L4480.0	504478.3	5408760.1	85627.00000	236.43	44.17	48.831802	-86.938978	56167.26	56294.1	-44.06	56123.20	56135.22656	56103.51675	56111.85938	504478.3	5408760.1
L4480.0	504478.3	5408758.6	85627.10156	234.82	44.17	48.831789	-86.938978	56168.43	56294.1	-44.06	56124.36	56136.36328	56104.26470	56112.51563	504478.3	5408758.6
L4480.0	504478.3	5408758.6	85627.20313	233.91	40.39	48.831789	-86.938978	56169.02	56294.1	-44.07	56124.95	56136.92969	56105.05014	56113.21094	504478.3	5408758.6
L4480.0	504478.3	5408757.2	85627.29688	232.71	42.13	48.831776	-86.938978	56169.12	56294.1	-44.07	56125.04	56136.99219	56105.86857	56113.94141	504478.3	5408757.2
L4480.0	504478.3	5408755.8	85627.39844	232.60	42.13	48.831764	-86.938978	56170.70	56294.1	-44.08	56126.63	56138.55859	56106.58676	56114.57422	504478.3	5408755.8
L4480.0	504478.3	5408755.8	85627.50000	233.42	42.36	48.831764	-86.938978	56170.48	56294.1	-44.08	56126.40	56138.30078	56107.42619	56115.32813	504478.3	5408755.8
L4480.0	504478.3	5408753.9	85627.60156	233.59	43.76	48.831747	-86.938978	56172.04	56294.1	-44.08	56127.96	56139.83203	56108.14630	56115.96484	504478.3	5408753.9
L4480.0	504478.3	5408752.5	85627.70313	233.31	43.76	48.831734	-86.938979	56172.76	56294.1	-44.09	56128.67	56140.51563	56108.92320	56116.66016	504478.3	5408752.5
L4480.0	504478.3	5408751.2	85627.79688	232.95	39.39	48.831722	-86.938979	56173.06	56294.1	-44.09	56128.96	56140.77734	56109.72832	56117.38672	504478.3	5408751.2
L4480.0	504478.2	5408749.6	85627.89844	232.96	39.39	48.831708	-86.938979	56174.70	56294.1	-44.10	56130.61	56142.39844	56110.44308	56118.02344	504478.2	5408749.6
L4480.0	504478.2	5408749.6	85628.00000	233.82	37.52	48.831708	-86.938979	56174.30	56294.1	-44.10	56130.20	56141.95703	56111.29558	56118.79688	504478.2	5408749.6
L4480.0	504478.2	5408747.9	85628.10156	231.36	39.66	48.831693	-86.938979	56176.25	56294.1	-44.10	56132.15	56143.87500	56111.99120	56119.41797	504478.2	5408747.9
L4480.0	504478.2	5408746.3	85628.20313	230.36	43.74	48.831678	-86.938980	56176.14	56294.1	-44.11	56132.04	56143.73438	56112.82468	56120.17578	504478.2	5408746.3
L4480.0	504478.2	5408745.1	85628.29688	231.80	44.02	48.831667	-86.938980	56177.74	56294.1	-44.11	56133.63	56145.28906	56113.54539	56120.82422	504478.2	5408745.1
L4480.0	504478.2	5408743.5	85628.39844	232.87	44.02	48.831653	-86.938980	56178.44	56294.1	-44.11	56134.33	56145.95313	56114.32605	56121.53125	504478.2	5408743.5
L4480.0	504478.2	5408743.5	85628.50000	231.95	44.67	48.831653	-86.938980	56179.34	56294.1	-44.11	56135.22	56146.80859	56115.09468	56122.23047	504478.2	5408743.5
L4480.0	504478.2	5408741.9	85628.60156	231.83	44.65	48.831638	-86.938980	56180.37	56294.1	-44.12	56136.25	56147.80078	56115.85462	56122.92188	504478.2	5408741.9
L4480.0	504478.2	5408740.7	85628.60156	231.83	44.65	48.831628	-86.938980	56180.64	56294.1	-44.12	56136.52	56148.03125	56116.66588	56123.66406	504478.2	5408740.7
L4480.0	504478.1	5408739.3	85628.79688	230.58	39.54	48.831615	-86.938981	56182.44	56294.1	-44.12	56138.31	56149.78125	56117.37645	56124.30469	504478.1	5408739.3
L4480.0	504478.1	5408737.9	85628.89844	231.26	39.84	48.831602	-86.938981	56182.58	56294.1	-44.13	56138.45	56149.87891	56118.19764	56125.06250	504478.1	5408737.9
L4480.0	504478.1	5408736.9	85629.00000	231.95	39.84	48.831594	-86.938981	56184.54	56294.1	-44.13	56140.41	56151.79297	56118.89808	56125.69531	504478.1	5408736.9
L4480.0	504478.1	5408736.9	85629.10156	231.83	39.96	48.831594	-86.938981	56185.56	56294.1	-44.13	56141.42	56152.75781	56119.66239	56126.39844	504478.1	5408736.9
L4480.0	504478.1	5408735.5	85629.20313	234.92	41.57	48.831581	-86.938981	56186.19	56294.1	-44.14	56142.05	56153.33984	56120.45250	56127.12500	504478.1	5408735.5
L4480.0	504478.1	5408734.1	85629.29688	234.37	42.43	48.831568	-86.938981	56186.88	56294.1	-44.14	56142.73	56153.97266	56121.23968	56127.85156	504478.1	5408734.1
L4480.0	504478.1	5408732.7	85629.39844	233.22	42.43	48.831555	-86.938981	56188.13	56294.1	-44.15	56143.99	56155.17969	56121.98849	56128.53906	504478.1	5408732.7
L4480.0	504478.1	5408731.3	85629.50000	232.51	41.37	48.831543	-86.938981	56189.59	56294.2	-44.15	56145.44	56156.57813	56122.72484	56129.21484	504478.1	5408731.3
L4480.0	504478.1	5408731.3	85629.60156	233.90	41.53	48.831543	-86.938981	56190.52	56294.2	-44.15	56146.37	56157.44922	56123.49594	56129.92969	504478.1	5408731.3
L4480.0	504478.1	5408729.6	85629.70313	233.49	42.14	48.831528	-86.938981	56192.47	56294.2	-44.16	56148.32	56159.34375	56124.19899	56130.57422	504478.1	5408729.6
L4480.0	504478.1	5408728.0	85629.79688	231.99	42.14	48.831513	-86.938981	56192.44	56294.2	-44.16	56148.28	56159.24609	56125.03452	56131.35156	504478.1	5408728.0
L4480.0	504478.1	5408727.4	85629.89844	232.80	42.58	48.831508	-86.938981	56194.08	56294.2	-44.17	56149.91	56160.81250	56125.75836	56132.01953	504478.1	5408727.4
L4480.0	504478.1	5408725.8	85630.00000	233.01	42.16	48.831494	-86.938982	56195.07	56294.2	-44.17	56150.90	56161.73828	56126.52435	56132.73047	504478.1	5408725.8
L4480.0	504478.1	5408724.4	85630.10156	232.75	42.16	48.831481	-86.938982	56196.48	56294.2	-44.17	56152.31	56163.08203	56127.26163	56133.41406	504478.1	5408724.4
L4480.0	504478.1	5408723.0	85630.20313	233.01	24.82	48.831468	-86.938982	56197.85	56294.2	-44.17	56153.68	56164.38672	56128.00066	56134.09766	504478.1	5408723.0
L4480.0	504478.1	5408721.5	85630.29688	231.11	26.97	48.831455	-86.938982	56198.93	56294.2	-44.17	56154.76	56165.39453	56128.75791	56134.80469	504478.1	5408721.5
L4480.0	504478.1	5408721.5	85630.39844	232.08	37.3	48.831455	-86.938982	56199.92	56294.2	-44.17	56155.75	56166.31250	56129.51981	56135.51172	504478.1	5408721.5
L4480.0	504478.1	5408720.1	85630.50000	232.02	37.3	48.831442	-86.938982	56201.98	56294.2	-44.17	56157.81	56168.29688	56130.20880	56136.14844	504478.1	5408720.1
L4480.0	504478.1	5408718.7	85630.60156	230.49	42.03	48.831429	-86.938982	56202.57	56294.2	-44.17	56158.40	56168.80859	56130.99396	56136.88281	504478.1	5408718.7
L4480.0	504478.1	5408717.5	85630.60156	230.49	42.05	48.831419	-86.938982	56204.54	56294.2	-44.17	56160.37	56170.69922	56131.68504	56137.52344	504478.1	5408717.5
L4480.0	504478.1	5408715.8	85630.79688	233.73	42.05	48.831404	-86.938982	56205.56	56294.2	-44.17	56161.39	56171.63672	56132.43709	56138.22656	504478.1	5408715.8
L4480.0	504478.1	5408715.8	85630.89844	233.81	40.4	48.831404	-86.938982	56207.26	56294.2	-44.17	56163.09	56173.25000	56133.14118	56138.88281	504478.1	5408715.8
L4480.0	504478.0	5408714.6	85631.00000	233.90	33.97	48.831393	-86.938982	56208.88	56294.2	-44.17	56164.71	56174.78125	56133.84769	56139.53906	504478.0	5408714.6
L4480.0	504478.0	5408713.1	85631.10156	234.43	33.97	48.831380	-86.938982	56210.36	56294.2	-44.17	56166.19	56176.16797	56134.56032	56140.20313	504478.0	5408713.1
L4480.0	504478.0	5408711.9	85631.20313	233.38	38.18	48.831369	-86.938982	56211.18	56294.2	-44.18	56167.00	56176.88281	56135.31412	56140.91016	504478.0	5408711.9
L4480.0	504478.0	5408710.9	85631.29688	232.95	41.04	48.831360	-86.938982	56213.18	56294.2	-44.18	56169.00	56178.78906	56135.98477	56141.53125	504478.0	5408710.9
L4480.0	504478.0	5408709.3	85631.39844	232.28	41.04	48.831345	-86.938982	56214.26	56294.2	-44.19	56170.08	56179.76563	56136.71264	56142.21484	504478.0	5408709.3
L4480.0	504478.0	5408708.3	85631.50000	234.00	40.96	48.831336	-86.938982	56216.16	56294.2	-44.19	56171.97	56181.55469	56137.38209	56142.83594	504478.0	5408708.3
L4480.0	504478.0	5408706.6	85631.60156	234.41	40.82	48.831321	-86.938982	56217.58	56294.2	-44.19	56173.38	56182.85938	56138.07880	56143.48438	504478.0	5408706.6
L4480.0	504478.0	5408706.6	85631.70313	234.07	40.82	48.831321	-86.938982	56218.94	56294.2	-44.20	56174.74	56184.10938	56138.77381	56144.13281	504478.0	5408706.6
L4480.0	504478.0	5408705.2	85631.79688	234.38	39.76	48.831309	-86.938983	56220.38	56294.2	-44.20	56176.18	56185.43750	56139.45813	56144.77344	504478.0	5408705.2
L4480.0	504478.0	5408703.3	85631.89844	234.14	39.51	48.831291	-86.938983	56221.91	56294.2	-44.21	56177.70	56186.84375	56140.13147	56145.39844	504478.0	5408703.3
L4480.0	504478.0	5408703.3	85632.00000	235.38	39.51	48.831291	-86.938983	56223.43	56294.2	-44.21	56179.22	56188.24219	56140.79885	56146.01953	504478.0	5408703.3
L4480.0	504478.0	5408700.7	85632.10156	222.62	35.4	48.831267	-86.938983	56224.92	56294.2	-44.21	56180.70	56189.60156	56141.46266	56146.64063	504478.0	5408700.7
L4480.0	504478.0	5408700.7	85632.20313	222.94	32	48.831267	-86.938983	56226.77	56294.2	-44.22	56182.55	56191.32813	56142.09528	56147.22656	504478.0	5408700.7
L4480.0	504478.0	5408698.0	85632.29688	232.52	29.8	48.831244	-86.938983	56227.91	56294.2	-44.22	56183.68	56192.32813	56142.76910	56147.85547	504478.0	5408698.0
L4480.0	504478.0	5408697.2	85632.39844	229.82	29.8	48.831237	-86.938983	56228.86	56294.2	-44.23	56184.63	56193.14844	56143.44786	56148.48828	504478.0	5408697.2
L4480.0	504478.0	5408697.2	85632.50000	230.67	32.3	48.831237	-86.938983	56230.86	56294.2	-44.24	56186.62	56195.00391	56144.04998	56149.04688	504478.0	5408697.2
L4480.0	504478.0	5408695.3	85632.60156	232.40	32.3	48.831220	-86.938983	56231.21	56294.2	-44.24	56186.97	56195.21484	56144.75388	56149.70313	504478.0	5408695.3
L4480.0	504478.0	5408693.4	85632.60156	232.40	31.22	48.831203	-86.938983	56233.54	56294.2	-44.24	56189.30	56197.40234	56145.31804	56150.22266	504478.0	5408693.4
L4480.0	504478.0	5408693.4	85632.79688	234.81	31.22	48.831203	-86.938983	56233.83	56294.3	-44.25	56189.58	56197.53906	56146.01090	56150.87109	504478.0	5408693.4
L4480.0	504478.0	5408692.0	85632.89844	232.56	34.87	48.831189	-86.938983	56236.52	56294.3	-44.26	56192.26	56200.07031	56146.53562	56151.34766	504478.0	5408692.0
L4480.0	504478.0	5408690.8	85633.00000	233.71	38.36	48.831179	-86.938983	56236.54	56294.3	-44.26	56192.28	56199.93750	56147.22938	56151.99609	504478.0	5408690.8
L4480.0	504478.0	5408689.3	85633.10156	231.45	26.22	48.831165	-86.938983	56238.30	56294.3	-44.26	56194.03	56201.53516	56147.79938	56152.52344	504478.0	5408689.3
L4480.0	504478.0	5408688.4	85633.20313	231.48	29.52	48.831157	-86.938983	56238.59	56294.3	-44.26	56194.32	56201.66406	56148.45815	56153.13672	504478.0	5408688.4
L4480.0	504478.0	5408686.9	85633.29688	232.89	29.52	48.831144	-86.938983	56240.80	56294.3	-44.27	56196.53	56203.71094	56148.98029	56153.61328	504478.0	5408686.9
L4480.0	504478.0	5408686.9	85633.39844	233.17	37.82	48.831144	-86.938983	56240.37	56294.3	-44.27	56196.10	56203.11719	56149.66972	56154.25391	504478.0	5408686.9
L4480.0	504478.0	5408685.2	85633.50000	232.60	38.34	48.831128	-86.938983	56241.70	56294.3	-44.27	56197.43	56204.27734	56150.23306	56154.77344	504478.0	5408685.2
L4480.0	504478.0	5408683.8	85633.60156	231.69	38.22	48.831116	-86.938983	56242.70	56294.3	-44.27	56198.42	56205.09375	56150.81031	56155.30078	504478.0	5408683.8
L4480.0	504478.0	5408682.3	85633.70313	232.24	33.28	48.831102	-86.938983	56243.05	56294.3	-44.27	56198.77	56205.26563	56151.42146	56155.86719	504478.0	5408682.3
L4480.0	504478.0	5408682.3	85633.79688	231.62	33.28	48.831102	-86.938983	56243.86	56294.3	-44.28	56199.59	56205.90625	56151.99255	56156.39063	504478.0	5408682.3
L4480.0	504478.0	5408680.6	85633.89844	231.16	35.96	48.831087	-86.938983	56243.66	56294.3	-44.28	56199.38	56205.51172	56152.62365	56156.97656	504478.0	5408680.6
L4480.0	504478.0	5408679.2	85634.00000	232.52	37.27	48.831074	-86.938983	56244.71	56294.3	-44.28	56200.43	56206.37109	56153.16217	56157.46484	504478.0	5408679.2
L4480.0	504478.0	5408678.0	85634.10156	233.07	36.14	48.831064	-86.938983	56245.02	56294.3	-44.28	56200.74	56206.49219	56153.74156	56158.00000	504478.0	5408678.0
L4480.0	504478.0	5408676.5	85634.20313	221.87	39.23	48.831050	-86.938983	56245.08	56294.3	-44.29	56200.80	56206.35547	56154.32928	56158.53906	504478.0	5408676.5
L4480.0	504478.0	5408674.8	85634.29688	222.39	39.23	48.831035	-86.938983	56245.66	56294.3	-44.29	56201.37	56206.72656	56154.87483	56159.03516	504478.0	5408674.8
L4480.0	504478.0	5408674.8	85634.39844	232.33	34.4	48.831035	-86.938983	56245.42	56294.3	-44.29	56201.13	56206.28125	56155.46640	56159.57813	504478.0	5408674.8
L4480.0	504478.0	5408672.9	85634.50000	234.09	37.5	48.831018	-86.938983	56246.44	56294.3	-44.29	56202.14	56207.08594	56155.96684	56160.03125	504478.0	5408672.9
L4480.0	504478.0	5408671.4	85634.60156	233.86	37.5	48.831004	-86.938983	56246.27	56294.3	-44.30	56201.98	56206.71484	56156.53773	56160.55078	504478.0	5408671.4
L4480.0	504478.0	5408671.4	85634.60156	233.86	38.36	48.831004	-86.938983	56245.16	56294.3	-44.30	56200.86	56205.37891	56157.16530	56161.12891	504478.0	5408671.4
L4480.0	504478.0	5408669.8	85634.79688	234.34	38.63	48.830990	-86.938983	56245.96	56294.3	-44.30	56201.65	56205.95313	56157.65848	56161.57031	504478.0	5408669.8

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4480.0	504478.0	5408668.1	85634.89844	234.64	38.63	48.830974	-86.938983	56246.35	56294.3	-44.31	56202.04	56206.12109	56158.17156	56162.03516	504478.0	5408668.1
L4480.0	504478.0	5408666.6	85635.00000	233.90	38.68	48.830961	-86.938983	56245.98	56294.3	-44.31	56201.67	56205.52344	56158.72883	56162.54297	504478.0	5408666.6
L4480.0	504478.0	5408666.6	85635.10156	232.68	34.71	48.830961	-86.938983	56245.91	56294.3	-44.31	56201.59	56205.21484	56159.26059	56163.02344	504478.0	5408666.6
L4480.0	504478.0	5408665.1	85635.20313	232.12	32.66	48.830948	-86.938983	56245.78	56294.3	-44.32	56201.46	56204.85156	56159.78983	56163.50000	504478.0	5408665.1
L4480.0	504478.0	5408663.6	85635.29688	233.33	28.48	48.830934	-86.938983	56245.50	56294.3	-44.32	56201.18	56204.33594	56160.32355	56163.98047	504478.0	5408663.6
L4480.0	504478.0	5408662.4	85635.39844	232.61	28.48	48.830924	-86.938983	56245.68	56294.3	-44.32	56201.36	56204.27344	56160.82141	56164.42578	504478.0	5408662.4
L4480.0	504478.0	5408660.8	85635.50000	232.31	32.64	48.830909	-86.938983	56246.04	56294.3	-44.32	56201.71	56204.37891	56161.30309	56164.85547	504478.0	5408660.8
L4480.0	504478.0	5408660.8	85635.60156	232.59	39.66	48.830909	-86.938983	56245.04	56294.3	-44.33	56200.71	56203.12891	56161.87027	56165.37109	504478.0	5408660.8
L4480.0	504478.0	5408659.3	85635.70313	234.71	39.66	48.830896	-86.938983	56245.12	56294.3	-44.33	56200.79	56202.95703	56162.36130	56165.80859	504478.0	5408659.3
L4480.0	504478.0	5408657.9	85635.79688	235.39	32.49	48.830883	-86.938983	56245.09	56294.3	-44.33	56200.76	56202.67188	56162.85586	56166.24609	504478.0	5408657.9
L4480.0	504478.0	5408656.2	85635.89844	234.98	32.34	48.830867	-86.938983	56245.27	56294.3	-44.34	56200.93	56202.58203	56163.33364	56166.67188	504478.0	5408656.2
L4480.0	504478.0	5408654.7	85636.00000	234.76	32.34	48.830854	-86.938984	56243.98	56294.3	-44.34	56199.64	56201.03125	56163.90563	56167.18750	504478.0	5408654.7
L4480.0	504478.0	5408654.7	85636.10156	236.31	33.87	48.830854	-86.938984	56244.96	56294.3	-44.34	56200.63	56201.75391	56164.32286	56167.55078	504478.0	5408654.7
L4480.0	504478.0	5408651.9	85636.20313	236.58	36.99	48.830828	-86.938984	56244.45	56294.3	-44.34	56200.11	56200.96484	56164.83831	56168.00781	504478.0	5408651.9
L4480.0	504478.0	5408651.9	85636.29688	235.79	36.99	48.830828	-86.938984	56245.24	56294.3	-44.34	56200.90	56201.48047	56165.26432	56168.37891	504478.0	5408651.9
L4480.0	504478.0	5408650.4	85636.39844	234.54	40.17	48.830816	-86.938984	56244.74	56294.3	-44.34	56200.40	56200.70313	56165.77453	56168.83203	504478.0	5408650.4
L4480.0	504478.0	5408649.2	85636.50000	234.13	30.46	48.830805	-86.938984	56244.60	56294.3	-44.33	56200.27	56200.29297	56166.25857	56169.25781	504478.0	5408649.2
L4480.0	504478.0	5408647.5	85636.60156	235.65	30.46	48.830790	-86.938984	56244.48	56294.3	-44.33	56200.15	56199.89063	56166.74075	56169.68359	504478.0	5408647.5
L4480.0	504478.0	5408647.5	85636.60156	235.65	30.65	48.830790	-86.938984	56244.50	56294.3	-44.33	56200.16	56199.61328	56167.21332	56170.09766	504478.0	5408647.5
L4480.0	504477.9	5408646.4	85636.79688	234.87	31.38	48.830779	-86.938984	56244.86	56294.3	-44.33	56200.53	56199.69141	56167.66123	56170.48828	504477.9	5408646.4
L4480.0	504478.0	5408644.6	85636.89844	234.33	35.95	48.830763	-86.938984	56244.91	56294.3	-44.33	56200.58	56199.44531	56168.13005	56170.89844	504478.0	5408644.6
L4480.0	504477.9	5408643.6	85637.00000	234.48	35.95	48.830754	-86.938984	56245.12	56294.3	-44.33	56200.79	56199.35938	56168.58800	56171.29688	504477.9	5408643.6
L4480.0	504477.9	5408642.2	85637.10156	235.22	34.09	48.830742	-86.938984	56245.41	56294.3	-44.34	56201.08	56199.34766	56169.04063	56171.68750	504477.9	5408642.2
L4480.0	504477.9	5408640.7	85637.20313	236.07	36.62	48.830728	-86.938984	56245.30	56294.3	-44.35	56200.95	56198.91406	56169.52146	56172.10938	504477.9	5408640.7
L4480.0	504477.9	5408639.2	85637.29688	233.49	37.36	48.830715	-86.938984	56246.01	56294.4	-44.35	56201.65	56199.30859	56169.94732	56172.47656	504477.9	5408639.2
L4480.0	504477.9	5408639.2	85637.39844	232.44	38.83	48.830715	-86.938984	56246.38	56294.4	-44.36	56202.01	56199.35938	56170.39636	56172.86328	504477.9	5408639.2
L4480.0	504477.9	5408636.8	85637.50000	232.07	38.83	48.830693	-86.938985	56246.80	56294.4	-44.37	56202.43	56199.46484	56170.84204	56173.25000	504477.9	5408636.8
L4480.0	504477.9	5408636.8	85637.60156	231.64	32.16	48.830693	-86.938985	56246.62	56294.4	-44.38	56202.24	56198.96094	56171.32913	56173.67188	504477.9	5408636.8
L4480.0	504477.9	5408635.4	85637.70313	231.63	32.16	48.830681	-86.938985	56247.19	56294.4	-44.39	56202.80	56199.20313	56171.76705	56174.05078	504477.9	5408635.4
L4480.0	504477.9	5408633.9	85637.79688	234.46	36.89	48.830667	-86.938985	56247.48	56294.4	-44.39	56203.09	56199.17188	56172.22385	56174.44531	504477.9	5408633.9
L4480.0	504477.9	5408633.9	85637.89844	234.86	42.1	48.830667	-86.938985	56248.79	56294.4	-44.40	56204.39	56200.14844	56172.61424	56174.77344	504477.9	5408633.9
L4480.0	504477.9	5408632.0	85638.00000	236.94	42.1	48.830650	-86.938984	56249.12	56294.4	-44.41	56204.71	56200.14063	56173.07090	56175.16406	504477.9	5408632.0
L4480.0	504477.9	5408630.5	85638.10156	234.40	34.78	48.830637	-86.938984	56250.02	56294.4	-44.41	56205.61	56200.71484	56173.48981	56175.52344	504477.9	5408630.5
L4480.0	504477.9	5408629.3	85638.20313	234.96	37.74	48.830626	-86.938984	56250.57	56294.4	-44.41	56206.16	56200.93359	56173.93295	56175.90234	504477.9	5408629.3
L4480.0	504477.9	5408628.1	85638.29688	235.71	37.74	48.830615	-86.938984	56250.98	56294.4	-44.41	56206.57	56201.00781	56174.38625	56176.28906	504477.9	5408628.1
L4480.0	504477.9	5408626.6	85638.39844	235.37	41.77	48.830601	-86.938985	56251.86	56294.4	-44.41	56207.45	56201.55469	56174.80899	56176.64844	504477.9	5408626.6
L4480.0	504477.9	5408625.6	85638.50000	235.90	29.93	48.830592	-86.938985	56251.61	56294.4	-44.41	56207.20	56200.96484	56175.30771	56177.08203	504477.9	5408625.6
L4480.0	504477.9	5408624.1	85638.60156	237.65	29.93	48.830579	-86.938985	56253.86	56294.4	-44.41	56209.45	56202.87500	56175.64031	56177.35156	504477.9	5408624.1
L4480.0	504477.9	5408624.1	85638.60156	237.65	34.71	48.830579	-86.938985	56253.29	56294.4	-44.41	56208.88	56201.96484	56176.16130	56177.80859	504477.9	5408624.1
L4480.0	504477.9	5408622.7	85638.79688	237.26	34.71	48.830567	-86.938985	56255.14	56294.4	-44.41	56210.73	56203.47266	56176.52119	56178.10156	504477.9	5408622.7
L4480.0	504477.9	5408621.3	85638.89844	237.41	35.98	48.830554	-86.938985	56255.74	56294.4	-44.41	56211.33	56203.72656	56176.96447	56178.48047	504477.9	5408621.3
L4480.0	504477.9	5408619.6	85639.00000	236.59	38.89	48.830538	-86.938985	56256.72	56294.4	-44.41	56212.31	56204.35938	56177.38226	56178.83203	504477.9	5408619.6
L4480.0	504477.9	5408618.7	85639.10156	237.38	43.72	48.830530	-86.938985	56257.53	56294.4	-44.41	56213.11	56204.80859	56177.81167	56179.19531	504477.9	5408618.7
L4480.0	504477.9	5408617.0	85639.20313	234.80	43.72	48.830515	-86.938985	56259.09	56294.4	-44.41	56214.68	56206.03125	56178.18915	56179.50781	504477.9	5408617.0
L4480.0	504477.9	5408617.0	85639.29688	235.37	46.25	48.830515	-86.938985	56259.51	56294.4	-44.42	56215.10	56206.09766	56178.64242	56179.89453	504477.9	5408617.0
L4480.0	504477.9	5408615.5	85639.39844	235.22	46.1	48.830502	-86.938985	56261.36	56294.4	-44.42	56216.94	56207.58594	56178.99990	56180.18750	504477.9	5408615.5
L4480.0	504477.9	5408613.9	85639.50000	234.58	46.1	48.830487	-86.938985	56262.00	56294.4	-44.42	56217.58	56207.87500	56179.43595	56180.55469	504477.9	5408613.9
L4480.0	504477.9	5408613.9	85639.60156	236.00	38.76	48.830487	-86.938985	56262.78	56294.4	-44.42	56218.36	56208.30078	56179.86096	56180.91406	504477.9	5408613.9
L4480.0	504477.9	5408612.2	85639.70313	232.87	37.05	48.830471	-86.938985	56264.24	56294.4	-44.42	56219.81	56209.39453	56180.23928	56181.22656	504477.9	5408612.2
L4480.0	504477.9	5408610.5	85639.79688	232.57	37.05	48.830456	-86.938985	56265.14	56294.4	-44.43	56220.72	56209.94922	56180.65124	56181.57031	504477.9	5408610.5
L4480.0	504477.9	5408608.8	85639.89844	229.97	38.41	48.830441	-86.938985	56266.58	56294.4	-44.43	56222.15	56211.02344	56181.02586	56181.87891	504477.9	5408608.8
L4480.0	504477.9	5408608.8	85640.00000	230.03	40.04	48.830441	-86.938985	56267.40	56294.4	-44.43	56222.97	56211.48438	56181.43813	56182.22266	504477.9	5408608.8
L4480.0	504477.9	5408607.5	85640.10156	232.27	37.83	48.830430	-86.938985	56268.44	56294.4	-44.43	56224.01	56212.16797	56181.83236	56182.55078	504477.9	5408607.5
L4480.0	504477.9	5408606.1	85640.20313	232.37	37.83	48.830417	-86.938985	56269.66	56294.4	-44.44	56225.23	56213.03125	56182.21087	56182.86328	504477.9	5408606.1
L4480.0	504477.9	5408604.7	85640.29688	231.75	36.06	48.830404	-86.938985	56270.97	56294.4	-44.44	56226.53	56213.97656	56182.57996	56183.16406	504477.9	5408604.7
L4480.0	504477.9	5408603.7	85640.39844	232.45	40.55	48.830395	-86.938985	56271.48	56294.4	-44.45	56227.03	56214.11719	56182.99795	56183.51563	504477.9	5408603.7
L4480.0	504477.9	5408602.1	85640.50000	231.58	40.55	48.830380	-86.938985	56273.04	56294.5	-44.45	56228.59	56215.32031	56183.34045	56183.79297	504477.9	5408602.1
L4480.0	504477.9	5408600.6	85640.60156	230.90	40.71	48.830367	-86.938985	56274.54	56294.5	-44.45	56230.08	56216.45703	56183.68245	56184.06641	504477.9	5408600.6
L4480.0	504477.9	5408600.6	85640.60156	230.90	41.93	48.830367	-86.938985	56275.00	56294.5	-44.45	56230.54	56216.55859	56184.08757	56184.40625	504477.9	5408600.6
L4480.0	504477.9	5408599.2	85640.79688	230.35	41.93	48.830354	-86.938985	56276.36	56294.5	-44.46	56231.90	56217.56641	56184.42678	56184.67969	504477.9	5408599.2
L4480.0	504477.9	5408597.7	85640.89844	231.28	37.66	48.830341	-86.938985	56278.04	56294.5	-44.47	56233.57	56218.87891	56184.73906	56184.92188	504477.9	5408597.7
L4480.0	504477.9	5408596.3	85641.00000	230.06	40.06	48.830329	-86.938985	56278.65	56294.5	-44.47	56234.18	56219.13672	56185.11538	56185.23438	504477.9	5408596.3
L4480.0	504477.9	5408594.6	85641.10156	230.78	40.06	48.830313	-86.938985	56279.93	56294.5	-44.47	56235.45	56220.05469	56185.44071	56185.49219	504477.9	5408594.6
L4480.0	504477.9	5408593.3	85641.20313	232.01	42.73	48.830302	-86.938985	56280.69	56294.5	-44.47	56236.22	56220.47656	56185.79206	56185.77734	504477.9	5408593.3
L4480.0	504477.9	5408592.0	85641.29688	233.72	39.28	48.830290	-86.938986	56281.66	56294.5	-44.48	56237.19	56221.09766	56186.12241	56186.04297	504477.9	5408592.0
L4480.0	504477.9	5408592.0	85641.39844	232.51	39.28	48.830290	-86.938986	56283.50	56294.5	-44.48	56239.02	56222.57813	56186.38743	56186.24219	504477.9	5408592.0
L4480.0	504477.9	5408590.8	85641.50000	232.97	41.15	48.830279	-86.938986	56283.29	56294.5	-44.48	56238.81	56222.02344	56186.78014	56186.56641	504477.9	5408590.8
L4480.0	504477.9	5408588.8	85641.60156	233.63	43.58	48.830261	-86.938986	56285.06	56294.5	-44.48	56240.58	56223.44922	56187.03224	56186.75391	504477.9	5408588.8
L4480.0	504477.9	5408588.8	85641.70313	232.26	43.63	48.830261	-86.938986	56285.46	56294.5	-44.48	56240.98	56223.50781	56187.36676	56187.02344	504477.9	5408588.8
L4480.0	504477.9	5408587.5	85641.79688	232.53	43.56	48.830250	-86.938986	56285.77	56294.5	-44.49	56241.28	56223.46875	56187.69875	56187.28906	504477.9	5408587.5
L4480.0	504477.9	5408586.1	85641.89844	232.58	43.56	48.830237	-86.938986	56287.12	56294.5	-44.49	56242.63	56224.48047	56187.95129	56187.47656	504477.9	5408586.1
L4480.0	504477.9	5408583.9	85642.00000	233.35	42.65	48.830217	-86.938986	56288.42	56294.5	-44.49	56243.93	56225.44531	56188.19745	56187.66016	504477.9	5408583.9
L4480.0	504477.9	5408583.9	85642.10156	232.52	41.51	48.830217	-86.938986	56289.35	56294.5	-44.49	56244.85	56226.03516	56188.45900	56187.85547	504477.9	5408583.9
L4480.0	504477.9	5408582.2	85642.20313	232.61	36.46	48.830202	-86.938985	56288.98	56294.5	-44.50	56244.48	56225.33594	56188.79638	56188.12891	504477.9	5408582.2
L4480.0	504477.9	5408581.0	85642.29688	232.14	38.39	48.830191	-86.938985	56289.75	56294.5	-44.50	56245.24	56225.76953	56189.04807	56188.31641	504477.9	5408581.0
L4480.0	504477.9	5408579.8	85642.39844	232.40	38.39	48.830180	-86.938985	56290.90	56294.5	-44.51	56246.40	56226.60938	56189.26255	56188.46875	504477.9	5408579.8
L4480.0	504478.0	5408578.6	85642.50000	232.09	40.57	48.830169	-86.938985	56290.95	56294.5	-44.51	56246.44	56226.32813	56189.54099	56188.68359	504478.0	5408578.6
L4480.0	504478.0	5408577.1	85642.60156	232.42	40.57	48.830156	-86.938985	56292.22	56294.5	-44.51	56247.71	56227.28125	56189.72657	56188.80859	504478.0	5408577.1
L4480.0	504478.0	5408575.6	85642.60156	232.42	40.89	48.830143	-86.938984	56292.81	56294.5	-44.51	56248.30	56227.56250	56189.94651	56188.96484	504478.0	5408575.6
L4480.0	504478.0	5408574.5	85642.79688	231.59	40.89	48.830133	-86.938984	56293.20	56294.5	-44.52	56248.68	56227.63281	56190.16937	56189.12500	504478.0	5408574.5
L4480.0	504478.0	5408574.5	85642.89844	230.64	41.12	48.830133	-86.938984	56292.81	56294.5	-44.53	56248.29	56226.93750	56190.43238	56189.32813	504478.0	5408574.5
L4480.0	504478.0	5408572.8	85643.00000	232.58	41.53	48.830118	-86.938984	56293.25	56294.5	-44.53	56248.72	56227.06641	56190.62949	56189.46484	504478.0	5408572.8
L4480.0	504478.0	5408571.1	85643.10156	233.15	41.53	48.830102	-86.938984	56292.73	56294.5	-44.53	56248.20	56226.25000	56190.87864	56189.65234	504478.0	5408571.1
L4480.0	504478.0	5408569.6	85643.20313	233.26	41.66	48.830088	-86.938984	56293.61	56294.5	-44.54	56249.07	56226.83203	56191.02381	56189.73828	504478.0	5408569.6
L4480.0	504478.0	5408569.6	85643.29688	231.56	40.66	48.830088	-86.938984	56293.43	56294.5	-44.54	56248.89	56226.36328	56191.22765	56189.87891	504478.0	5408569.6
L4480.0	504478.0	5408567.9	85643.39844	229.83	40.66	48.830073	-86.938984	56293.57	56294.5	-44.54	56249.03	56226.22266	56191.39884	56189.99219	504478.0	5408567.9
L4480.0	504478.1	5408566.6	85643.50000	230.05	42.95	48.830061	-86.938984	56294.04	56294.5	-44.54	56249.49	56226.40234	56191.53740	56190.07422	504478.1	5408566.6
L4480.0	504478.1	5408565.4	85643.60156	231.36	42.95	48.830051	-86.938983	56293.25	56294.5	-44.55	56248.70	56225.33984	56191.74805	56190.22656	504478.1	5408565.4
L4480.0	504478.1	5408565.4	85643.70313	230.32	34.48	48.830051	-86.938983	56293.76	56294.6	-44.55	56249.21	56225.58594	56191.86083	56190.28125	504478.1	5408565.4
L4480.0	504478.1	5408563.8	85643.79688	231.59	34.48	48.830037	-86.938983	56292.84	56294.6	-44.55	56248.29	56224.40234	56192.05782	56190.42188	504478.1	5408563.8
L4480.0	504478.1	5408562.5	85643.89844	233.32	39.09	48.830025	-86.938983	56293.53	56294.6	-44.56	56248.97	56224.82422	56192.13711	56190.44141	504478.1	5408562.5
L4480.0	504478.1	5408561.3	85644.00000	233.57	43.77	48.830014	-86.938983	56293.71	56294.6	-44.56	56249.15	56224.75391	56192.23880	56190.48828	504478.1	5408561.3
L4480.0	504478.1	5408559.9	85644.10156	233.46	43.94	48.830001	-86.938983	56292.96	56294.6	-44.56	56248.40	56223.75781	56192.39168	56190.58594	504478.1	5408559.9

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4480.0	504478.1	5408558.4	85644.20313	234.43	43.94	48.829988	-86.938983	56292.87	56294.6	-44.56	56248.30	56223.41797	56192.49053	56190.62891	504478.1	5408558.4
L4480.0	504478.1	5408557.2	85644.29688	233.34	41.8	48.829977	-86.938983	56292.20	56294.6	-44.57	56247.63	56222.51563	56192.61683	56190.70313	504478.1	5408557.2
L4480.0	504478.1	5408555.8	85644.39844	234.40	41.98	48.829964	-86.938982	56292.30	56294.6	-44.57	56247.73	56222.38672	56192.68139	56190.71484	504478.1	5408555.8
L4480.0	504478.2	5408554.6	85644.50000	235.16	41.98	48.829954	-86.938982	56291.13	56294.6	-44.57	56246.56	56220.99609	56192.82035	56190.80078	504478.2	5408554.6
L4480.0	504478.2	5408554.6	85644.60156	234.08	46.54	48.829954	-86.938982	56291.28	56294.6	-44.57	56246.71	56220.93359	56192.86122	56190.78906	504478.2	5408554.6
L4480.0	504478.2	5408553.1	85644.60156	234.08	43.11	48.829940	-86.938982	56290.56	56294.6	-44.57	56245.99	56220.00391	56192.95015	56190.82422	504478.2	5408553.1
L4480.0	504478.2	5408551.5	85644.79688	235.31	43.11	48.829925	-86.938982	56290.72	56294.6	-44.58	56246.15	56219.96094	56192.97066	56190.79297	504478.2	5408551.5
L4480.0	504478.2	5408549.7	85644.89844	233.42	44.85	48.829909	-86.938982	56290.49	56294.6	-44.58	56245.91	56219.52734	56193.00825	56190.78125	504478.2	5408549.7
L4480.0	504478.2	5408549.2	85645.00000	232.97	47.02	48.829905	-86.938982	56289.49	56294.6	-44.58	56244.91	56218.33594	56193.08709	56190.81250	504478.2	5408549.2
L4480.0	504478.2	5408547.7	85645.10156	222.17	47.02	48.829891	-86.938982	56289.34	56294.6	-44.58	56244.76	56218.00391	56193.10003	56190.77344	504478.2	5408547.7
L4480.0	504478.2	5408547.7	85645.20313	221.58	46.15	48.829891	-86.938982	56288.63	56294.6	-44.58	56244.05	56217.12109	56193.14124	56190.76953	504478.2	5408547.7
L4480.0	504478.2	5408546.2	85645.29688	231.18	46.95	48.829878	-86.938982	56288.32	56294.6	-44.58	56243.74	56216.64063	56193.14690	56190.72656	504478.2	5408546.2
L4480.0	504478.2	5408544.7	85645.39844	230.28	46.95	48.829865	-86.938982	56287.58	56294.6	-44.58	56243.00	56215.73828	56193.17252	56190.70313	504478.2	5408544.7
L4480.0	504478.2	5408543.5	85645.50000	229.94	46.62	48.829854	-86.938982	56287.30	56294.6	-44.58	56242.71	56215.29688	56193.15959	56190.64453	504478.2	5408543.5
L4480.0	504478.2	5408542.2	85645.60156	231.82	48.33	48.829842	-86.938982	56287.36	56294.6	-44.59	56242.77	56215.21094	56193.11496	56190.55469	504478.2	5408542.2
L4480.0	504478.2	5408540.9	85645.70313	234.59	48.33	48.829830	-86.938983	56286.31	56294.6	-44.59	56241.72	56214.01953	56193.13611	56190.53125	504478.2	5408540.9
L4480.0	504478.1	5408539.5	85645.79688	234.79	47.23	48.829818	-86.938983	56286.18	56294.6	-44.59	56241.59	56213.75781	56193.08786	56190.44141	504478.1	5408539.5
L4480.0	504478.1	5408538.6	85645.89844	233.79	47.23	48.829809	-86.938983	56285.62	56294.6	-44.59	56241.03	56213.07422	56193.06038	56190.37109	504478.1	5408538.6
L4480.0	504478.1	5408537.0	85646.00000	234.58	45.27	48.829795	-86.938983	56284.81	56294.6	-44.59	56240.22	56212.14844	56193.04180	56190.30859	504478.1	5408537.0
L4480.0	504478.1	5408537.0	85646.10156	231.71	45.72	48.829795	-86.938983	56285.34	56294.6	-44.59	56240.75	56212.56641	56192.92625	56190.15234	504478.1	5408537.0
L4480.0	504478.1	5408535.1	85646.20313	231.05	45.72	48.829778	-86.938983	56283.98	56294.6	-44.59	56239.39	56211.10547	56192.92921	56190.11328	504478.1	5408535.1
L4480.0	504478.1	5408533.8	85646.29688	231.71	40.44	48.829766	-86.938983	56284.65	56294.6	-44.59	56240.06	56211.67969	56192.78947	56189.93359	504478.1	5408533.8
L4480.0	504478.1	5408532.3	85646.39844	230.10	40.44	48.829753	-86.938983	56284.57	56294.6	-44.59	56239.98	56211.51563	56192.69247	56189.79688	504478.1	5408532.3
L4480.0	504478.1	5408532.3	85646.50000	231.15	41.57	48.829753	-86.938983	56284.21	56294.6	-44.59	56239.62	56211.07422	56192.60699	56189.67578	504478.1	5408532.3
L4480.0	504478.1	5408530.7	85646.60156	230.54	41.57	48.829739	-86.938984	56283.61	56294.6	-44.59	56239.02	56210.40625	56192.53047	56189.55859	504478.1	5408530.7
L4480.0	504478.1	5408529.0	85646.60156	230.54	43.36	48.829724	-86.938984	56283.32	56294.6	-44.59	56238.73	56210.05078	56192.42635	56189.41797	504478.1	5408529.0
L4480.0	504478.1	5408527.7	85646.79688	231.23	41.53	48.829711	-86.938984	56283.12	56294.6	-44.59	56238.53	56209.79688	56192.30937	56189.26563	504478.1	5408527.7
L4480.0	504478.1	5408526.5	85646.89844	229.65	41.53	48.829701	-86.938984	56282.98	56294.6	-44.59	56238.39	56209.60938	56192.18164	56189.10547	504478.1	5408526.5
L4480.0	504478.1	5408526.5	85647.00000	228.84	41.57	48.829701	-86.938984	56282.43	56294.6	-44.59	56237.84	56209.01953	56192.07456	56188.96094	504478.1	5408526.5
L4480.0	504478.1	5408525.1	85647.10156	229.01	43.64	48.829688	-86.938984	56282.36	56294.6	-44.59	56237.77	56208.91797	56191.92888	56188.78125	504478.1	5408525.1
L4480.0	504478.0	5408523.5	85647.20313	228.34	43.64	48.829674	-86.938984	56282.29	56294.6	-44.59	56237.71	56208.83203	56191.77601	56188.59766	504478.0	5408523.5
L4480.0	504478.0	5408522.3	85647.29688	228.76	40.91	48.829663	-86.938984	56282.02	56294.6	-44.59	56237.43	56208.53516	56191.63136	56188.42188	504478.0	5408522.3
L4480.0	504478.0	5408521.1	85647.39844	227.65	43.55	48.829652	-86.938984	56281.64	56294.6	-44.59	56237.06	56208.15625	56191.48633	56188.24609	504478.0	5408521.1
L4480.0	504478.0	5408519.3	85647.50000	227.56	43.55	48.829636	-86.938985	56281.58	56294.6	-44.58	56236.99	56208.08594	56191.31500	56188.04297	504478.0	5408519.3
L4480.0	504478.0	5408519.3	85647.60156	228.10	50.28	48.829636	-86.938985	56281.25	56294.6	-44.58	56236.67	56207.77344	56191.15410	56187.85156	504478.0	5408519.3
L4480.0	504478.0	5408517.8	85647.70313	228.62	50.52	48.829622	-86.938985	56280.65	56294.6	-44.58	56236.07	56207.18750	56191.00571	56187.67578	504478.0	5408517.8
L4480.0	504478.0	5408515.5	85647.79688	230.10	50.52	48.829601	-86.938985	56280.77	56294.6	-44.58	56236.18	56207.32031	56190.80389	56187.44531	504478.0	5408515.5
L4480.0	504478.0	5408514.3	85647.89844	232.09	45.54	48.829591	-86.938985	56280.43	56294.6	-44.58	56235.85	56207.01953	56190.62539	56187.24219	504478.0	5408514.3
L4480.0	504478.0	5408514.3	85648.00000	233.27	48.1	48.829591	-86.938985	56279.52	56294.6	-44.58	56234.94	56206.14844	56190.47963	56187.07031	504478.0	5408514.3
L4480.0	504478.0	5408512.1	85648.10156	235.50	48.1	48.829571	-86.938985	56279.52	56294.6	-44.58	56234.94	56206.19531	56190.26735	56186.83203	504478.0	5408512.1
L4480.0	504478.0	5408510.6	85648.20313	234.37	41.95	48.829558	-86.938985	56278.57	56294.6	-44.59	56233.98	56205.28516	56190.11330	56186.65234	504478.0	5408510.6
L4480.0	504478.0	5408510.6	85648.29688	233.63	41.95	48.829558	-86.938985	56278.81	56294.6	-44.59	56234.22	56205.58594	56189.87357	56186.39063	504478.0	5408510.6
L4480.0	504478.0	5408508.8	85648.39844	232.29	41.72	48.829542	-86.938985	56278.39	56294.6	-44.59	56233.80	56205.23438	56189.67227	56186.16797	504478.0	5408508.8
L4480.0	504478.0	5408507.4	85648.50000	231.39	45.89	48.829529	-86.938985	56277.93	56294.6	-44.60	56233.34	56204.85156	56189.46816	56185.94141	504478.0	5408507.4
L4480.0	504478.0	5408507.4	85648.60156	231.17	45.89	48.829529	-86.938985	56277.30	56294.6	-44.60	56232.70	56204.29297	56189.27068	56185.72266	504478.0	5408507.4
L4480.0	504478.0	5408504.6	85648.60156	231.17	40.78	48.829504	-86.938985	56276.61	56294.6	-44.60	56232.01	56203.69141	56189.07129	56185.50391	504478.0	5408504.6
L4480.0	504478.0	5408504.6	85648.79688	234.14	43.99	48.829504	-86.938985	56276.18	56294.6	-44.60	56231.58	56203.35938	56188.84945	56185.26172	504478.0	5408504.6
L4480.0	504478.0	5408502.9	85648.89844	233.96	43.99	48.829489	-86.938984	56275.79	56294.6	-44.61	56231.18	56203.06250	56188.62060	56185.01172	504478.0	5408502.9
L4480.0	504478.0	5408501.5	85649.00000	233.60	43.59	48.829476	-86.938984	56275.51	56294.6	-44.61	56230.90	56202.89453	56188.37890	56184.75391	504478.0	5408501.5
L4480.0	504478.0	5408501.5	85649.10156	232.95	43.98	48.829476	-86.938984	56274.01	56294.6	-44.61	56229.40	56201.51172	56188.21382	56184.57031	504478.0	5408501.5
L4480.0	504478.1	5408499.9	85649.20313	231.91	43.98	48.829462	-86.938984	56273.86	56294.6	-44.61	56229.25	56201.48438	56187.95418	56184.29688	504478.1	5408499.9
L4480.0	504478.1	5408498.8	85649.29688	231.77	43.01	48.829452	-86.938984	56272.50	56294.6	-44.61	56227.89	56200.25781	56187.77080	56184.09766	504478.1	5408498.8
L4480.0	504478.1	5408497.4	85649.39844	229.62	43.01	48.829439	-86.938984	56272.07	56294.6	-44.61	56227.46	56199.96484	56187.52119	56183.83203	504478.1	5408497.4
L4480.0	504478.1	5408495.7	85649.50000	228.19	40.16	48.829424	-86.938984	56271.61	56294.6	-44.61	56227.00	56199.64844	56187.26952	56183.56641	504478.1	5408495.7
L4480.0	504478.1	5408494.2	85649.60156	228.66	40.48	48.829410	-86.938984	56271.43	56294.6	-44.61	56226.82	56199.62109	56186.99530	56183.28125	504478.1	5408494.2
L4480.0	504478.1	5408494.2	85649.70313	230.13	40.48	48.829410	-86.938984	56270.30	56294.6	-44.61	56225.69	56198.64844	56186.78071	56183.05469	504478.1	5408494.2
L4480.0	504478.1	5408492.8	85649.79688	232.17	41.47	48.829398	-86.938984	56268.88	56294.6	-44.61	56224.26	56197.37891	56186.58262	56182.84375	504478.1	5408492.8
L4480.0	504478.1	5408491.1	85649.89844	232.26	41.47	48.829382	-86.938984	56268.62	56294.6	-44.61	56224.01	56197.29688	56186.30255	56182.55078	504478.1	5408491.1
L4480.0	504478.1	5408491.1	85650.00000	232.38	43.2	48.829382	-86.938984	56267.25	56294.6	-44.61	56222.64	56196.10547	56186.09404	56182.33203	504478.1	5408491.1
L4480.0	504478.1	5408489.4	85650.10156	236.49	43.2	48.829367	-86.938984	56267.21	56294.6	-44.61	56222.60	56196.24609	56185.79396	56182.02344	504478.1	5408489.4
L4480.0	504478.1	5408487.7	85650.20313	235.71	42.41	48.829351	-86.938984	56266.07	56294.6	-44.62	56221.45	56195.28125	56185.56518	56181.78516	504478.1	5408487.7
L4480.0	504478.1	5408486.2	85650.29688	237.37	42.41	48.829338	-86.938984	56265.05	56294.6	-44.62	56220.43	56194.45313	56185.32525	56181.53906	504478.1	5408486.2
L4480.0	504478.1	5408486.2	85650.39844	236.88	37.41	48.829338	-86.938984	56264.52	56294.6	-44.63	56219.89	56194.10938	56185.05104	56181.25781	504478.1	5408486.2
L4480.0	504478.1	5408484.5	85650.50000	236.96	36.62	48.829323	-86.938984	56264.10	56294.6	-44.63	56219.47	56193.89063	56184.76677	56180.96875	504478.1	5408484.5
L4480.0	504478.1	5408482.8	85650.60156	236.53	36.62	48.829307	-86.938984	56262.42	56294.6	-44.63	56217.78	56192.41016	56184.56533	56180.76172	504478.1	5408482.8
L4480.0	504478.1	5408482.8	85650.60156	236.53	40.57	48.829307	-86.938984	56261.57	56294.6	-44.63	56216.94	56191.78125	56184.30558	56180.49609	504478.1	5408482.8
L4480.0	504478.1	5408480.1	85650.79688	235.53	40.57	48.829283	-86.938984	56261.13	56294.6	-44.64	56216.48	56191.53906	56184.01909	56180.20313	504478.1	5408480.1
L4480.0	504478.1	5408480.1	85650.89844	235.34	41.79	48.829283	-86.938984	56259.17	56294.6	-44.65	56214.53	56189.80859	56183.83072	56180.01172	504478.1	5408480.1
L4480.0	504478.1	5408476.9	85651.00000	234.62	41.79	48.829255	-86.938984	56259.16	56294.7	-44.65	56214.51	56190.01563	56183.51270	56179.69141	504478.1	5408476.9
L4480.0	504478.1	5408476.9	85651.10156	233.23	43.7	48.829255	-86.938984	56258.57	56294.7	-44.65	56213.92	56189.65625	56183.23189	56179.41016	504478.1	5408476.9
L4480.0	504478.1	5408475.4	85651.20313	233.67	43.7	48.829241	-86.938983	56258.46	56294.7	-44.66	56213.80	56189.76953	56182.91917	56179.09375	504478.1	5408475.4
L4480.0	504478.1	5408474.0	85651.29688	232.65	44.33	48.829228	-86.938983	56257.49	56294.7	-44.67	56212.83	56189.03906	56182.66274	56178.83594	504478.1	5408474.0
L4480.0	504478.1	5408474.0	85651.39844	232.46	39.66	48.829228	-86.938983	56255.71	56294.7	-44.67	56211.04	56187.49219	56182.46080	56178.63672	504478.1	5408474.0
L4480.0	504478.1	5408472.1	85651.50000	231.41	39.66	48.829211	-86.938983	56255.81	56294.7	-44.68	56211.13	56187.82813	56182.13355	56178.30859	504478.1	5408472.1
L4480.0	504478.1	5408470.4	85651.60156	231.70	33.64	48.829196	-86.938983	56254.66	56294.7	-44.68	56209.98	56186.92578	56181.88918	56178.06641	504478.1	5408470.4
L4480.0	504478.2	5408469.0	85651.70313	232.90	33.64	48.829184	-86.938983	56254.40	56294.7	-44.68	56209.72	56186.91797	56181.58586	56177.76172	504478.2	5408469.0
L4480.0	504478.2	5408469.0	85651.79688	231.25	34.66	48.829184	-86.938983	56253.49	56294.7	-44.69	56208.80	56186.25391	56181.32713	56177.50781	504478.2	5408469.0
L4480.0	504478.2	5408467.2	85651.89844	231.84	34.66	48.829168	-86.938983	56252.97	56294.7	-44.69	56208.27	56185.98438	56181.04314	56177.22656	504478.2	5408467.2
L4480.0	504478.2	5408465.8	85652.00000	230.84	36.11	48.829154	-86.938983	56252.27	56294.7	-44.70	56207.57	56185.54688	56180.77140	56176.95703	504478.2	5408465.8
L4480.0	504478.2	5408465.8	85652.10156	229.93	35.51	48.829154	-86.938983	56251.78	56294.7	-44.70	56207.08	56185.32031	56180.48675	56176.67578	504478.2	5408465.8
L4480.0	504478.1	5408464.0	85652.20313	229.76	38.94	48.829139	-86.938983	56251.29	56294.7	-44.70	56206.59	56185.09766	56180.20334	56176.39844	504478.1	5408464.0
L4480.0	504478.1	5408462.6	85652.29688	230.20	38.94	48.829126	-86.938983	56250.04	56294.7	-44.70	56205.34	56184.11719	56179.97199	56176.17188	504478.1	5408462.6
L4480.0	504478.1	5408461.4	85652.39844	231.00	40.73	48.829115	-86.938983	56250.07	56294.7	-44.70	56205.37	56184.42188	56179.65685	56175.86328	504478.1	5408461.4
L4480.0	504478.1	5408459.7	85652.50000	230.67	43.28	48.829100	-86.938983	56248.48	56294.7	-44.70	56203.78	56183.10547	56179.45138	56175.66406	504478.1	5408459.7
L4480.0	504478.1	5408459.7	85652.60156	230.58	43.28	48.829100	-86.938983	56248.79	56294.7	-44.70	56204.09	56183.69141	56179.12106	56175.33984	504478.1	5408459.7
L4480.0	504478.2	5408458.2	85652.60156	230.58	40.12	48.829087	-86.938983	56247.61	56294.7	-44.70	56202.91	56182.78906	56178.89202	56175.11719	504478.2	5408458.2
L4480.0	504478.2	5408456.8	85652.79688	234.73	39.14	48.829074	-86.938983	56247.57	56294.7	-44.70	56202.87	56183.02734	56178.58903	56174.82031	504478.2	5408456.8
L4480.0	504478.2	5408455.7	85652.89844	235.91	39.14	48.829064	-86.938983	56247.00	56294.7	-44.70	56202.30	56182.73828	56178.32354	56174.56641	504478.2	5408455.7
L4480.0	504478.2	5408454.4	85653.00000	236.81	35.18	48.829052	-86.938983	56246.26	56294.7	-44.70	56201.56	56182.28125	56178.07167	56174.32031	504478.2	5408454.4
L4480.0	504478.2	5408454.4	85653.10156	235.22	35.18	48.829052	-86.938983	56245.93	56294.7	-44.71	56201.23	56182.23438	56177.79485	56174.05469	504478.2	5408454.4
L4480.0	504478.2	5408452.7	85653.20313	232.25	38.61	48.829037	-86.938983	56244.94	56294.7	-44.71	56200.23	56181.51563	56177.56517	56173.83594	504478.2	5408452.7
L4480.0	504478.2	5408451.0	85653.29688	233.44	38.54	48.829021	-86.938983	56244.43	56294.7	-44.72	56199.72	56181.29297	56177.30539	56173.58594	504478.2	5408451.0
L4480.0	504478.2	5408449.5	85653.39844	232.56	38.54	48.829008	-86.938983	56244.04	56294.7	-44.72	56199.31	56181.16797	56177.04158	56173.33203	504478.2	5408449.5

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4480.0	504478.2	5408449.5	85653.50000	232.52	40.68	48.829008	-86.938983	56243.81	56294.7	-44.73	56199.08	56181.22266	56176.76849	56173.07031	504478.2	5408449.5
L4480.0	504478.2	5408447.8	85653.60156	233.59	40.83	48.828993	-86.938984	56243.29	56294.7	-44.74	56198.55	56180.98047	56176.51818	56172.83203	504478.2	5408447.8
L4480.0	504478.1	5408446.3	85653.70313	233.89	40.83	48.828980	-86.938984	56243.43	56294.7	-44.74	56198.69	56181.40625	56176.22606	56172.55078	504478.1	5408446.3
L4480.0	504478.1	5408444.9	85653.79688	232.92	42.48	48.828967	-86.938984	56242.35	56294.7	-44.75	56197.60	56180.60156	56176.01883	56172.35547	504478.1	5408444.9
L4480.0	504478.1	5408443.5	85653.89844	233.29	42.77	48.828954	-86.938984	56242.03	56294.8	-44.75	56197.28	56180.57031	56175.76321	56172.11328	504478.1	5408443.5
L4480.0	504478.1	5408442.0	85654.00000	233.10	42.77	48.828940	-86.938984	56241.60	56294.8	-44.76	56196.84	56180.41406	56175.51857	56171.88281	504478.1	5408442.0
L4480.0	504478.1	5408442.0	85654.10156	232.49	40.64	48.828940	-86.938984	56240.95	56294.8	-44.77	56196.19	56180.05078	56175.29096	56171.66797	504478.1	5408442.0
L4480.0	504478.2	5408440.5	85654.20313	232.13	41.62	48.828927	-86.938984	56241.06	56294.8	-44.77	56196.28	56180.42578	56175.01704	56171.41016	504478.2	5408440.5
L4480.0	504478.2	5408439.1	85654.29688	232.27	41.62	48.828914	-86.938984	56240.09	56294.8	-44.78	56195.31	56179.74219	56174.81685	56171.22266	504478.2	5408439.1
L4480.0	504478.2	5408439.1	85654.39844	230.51	42.38	48.828914	-86.938984	56239.78	56294.8	-44.79	56194.99	56179.70703	56174.57640	56171.00000	504478.2	5408439.1
L4480.0	504478.2	5408437.1	85654.50000	231.48	42.38	48.828897	-86.938983	56239.56	56294.8	-44.79	56194.76	56179.75781	56174.33301	56170.76953	504478.2	5408437.1
L4480.0	504478.2	5408435.6	85654.60156	232.40	41.96	48.828883	-86.938983	56239.22	56294.8	-44.80	56194.42	56179.69922	56174.10002	56170.55469	504478.2	5408435.6
L4480.0	504478.2	5408434.2	85654.60156	232.40	41.96	48.828871	-86.938983	56239.01	56294.8	-44.80	56194.21	56179.76953	56173.86140	56170.33203	504478.2	5408434.2
L4480.0	504478.2	5408433.0	85654.79688	232.26	43.49	48.828859	-86.938983	56238.34	56294.8	-44.82	56193.52	56179.35938	56173.65782	56170.14453	504478.2	5408433.0
L4480.0	504478.2	5408433.0	85654.89844	232.19	44.17	48.828859	-86.938983	56238.50	56294.8	-44.82	56193.68	56179.79688	56173.40056	56169.90234	504478.2	5408433.0
L4480.0	504478.2	5408431.4	85655.00000	232.32	44.17	48.828846	-86.938983	56238.34	56294.8	-44.83	56193.51	56179.90625	56173.16826	56169.68750	504478.2	5408431.4
L4480.0	504478.2	5408429.0	85655.10156	231.32	38.8	48.828824	-86.938983	56238.17	56294.8	-44.84	56193.33	56180.00000	56172.93954	56169.47656	504478.2	5408429.0
L4480.0	504478.2	5408429.0	85655.20313	230.59	38.8	48.828824	-86.938983	56237.54	56294.8	-44.84	56192.69	56179.63281	56172.74434	56169.30078	504478.2	5408429.0
L4480.0	504478.2	5408427.5	85655.29688	228.22	42.44	48.828810	-86.938983	56237.23	56294.9	-44.85	56192.38	56179.59375	56172.52993	56169.10156	504478.2	5408427.5
L4480.0	504478.2	5408427.5	85655.39844	228.30	42.44	48.828810	-86.938983	56236.95	56294.9	-44.86	56192.09	56179.57422	56172.31692	56168.91016	504478.2	5408427.5
L4480.0	504478.2	5408425.8	85655.50000	230.11	45.15	48.828795	-86.938983	56237.48	56294.9	-44.87	56192.61	56180.35938	56172.05254	56168.66406	504478.2	5408425.8
L4480.0	504478.2	5408424.3	85655.60156	231.96	43.76	48.828781	-86.938984	56237.28	56294.9	-44.87	56192.40	56180.41406	56171.83938	56168.46875	504478.2	5408424.3
L4480.0	504478.2	5408422.4	85655.70313	231.13	43.76	48.828765	-86.938984	56236.75	56294.9	-44.88	56191.87	56180.14844	56171.65001	56168.29688	504478.2	5408422.4
L4480.0	504478.2	5408421.2	85655.79688	230.93	47.3	48.828754	-86.938984	56236.57	56294.9	-44.89	56191.68	56180.21875	56171.44033	56168.10938	504478.2	5408421.2
L4480.0	504478.2	5408421.2	85655.89844	231.65	47.3	48.828754	-86.938984	56236.20	56294.9	-44.89	56191.31	56180.10938	56171.24489	56167.93359	504478.2	5408421.2
L4480.0	504478.2	5408419.2	85656.00000	232.97	45.86	48.828736	-86.938984	56236.62	56294.9	-44.90	56191.72	56180.77344	56170.99957	56167.70703	504478.2	5408419.2
L4480.0	504478.1	5408417.7	85656.10156	232.73	43.66	48.828722	-86.938984	56236.01	56294.9	-44.90	56191.11	56180.41406	56170.82424	56167.55469	504478.1	5408417.7
L4480.0	504478.1	5408416.6	85656.20313	234.39	43.66	48.828712	-86.938984	56236.28	56294.9	-44.91	56191.37	56180.92578	56170.59276	56167.34375	504478.1	5408416.6
L4480.0	504478.1	5408414.8	85656.29688	235.01	42.94	48.828696	-86.938984	56236.49	56294.9	-44.91	56191.58	56181.38281	56170.36633	56167.13672	504478.1	5408414.8
L4480.0	504478.1	5408414.8	85656.39844	236.01	42.94	48.828696	-86.938984	56236.01	56294.9	-44.91	56191.10	56181.14844	56170.18747	56166.98047	504478.1	5408414.8
L4480.0	504478.1	5408413.4	85656.50000	237.05	43.44	48.828683	-86.938984	56236.18	56294.9	-44.92	56191.26	56181.55078	56169.96735	56166.78125	504478.1	5408413.4
L4480.0	504478.1	5408411.5	85656.60156	236.46	43.44	48.828666	-86.938984	56236.44	56294.9	-44.92	56191.52	56182.05078	56169.74182	56166.57813	504478.1	5408411.5
L4480.0	504478.1	5408410.3	85656.60156	236.46	48.12	48.828655	-86.938984	56236.77	56294.9	-44.92	56191.86	56182.62500	56169.51203	56166.37109	504478.1	5408410.3
L4480.0	504478.1	5408410.3	85656.79688	233.30	46.14	48.828655	-86.938984	56236.36	56294.9	-44.92	56191.43	56182.42969	56169.33450	56166.21484	504478.1	5408410.3
L4480.0	504478.1	5408408.8	85656.89844	233.16	46.14	48.828642	-86.938984	56236.52	56294.9	-44.93	56191.59	56182.82031	56169.11837	56166.02344	504478.1	5408408.8
L4480.0	504478.1	5408406.9	85657.00000	233.73	45.79	48.828625	-86.938985	56236.32	56294.9	-44.93	56191.39	56182.84375	56168.92680	56165.85156	504478.1	5408406.9
L4480.0	504478.1	5408405.4	85657.10156	235.40	45.79	48.828612	-86.938985	56236.32	56294.9	-44.94	56191.38	56183.05859	56168.72294	56165.67188	504478.1	5408405.4
L4480.0	504478.1	5408405.4	85657.20313	235.20	53.32	48.828612	-86.938985	56237.18	56294.9	-44.94	56192.24	56184.13672	56168.46128	56165.43359	504478.1	5408405.4
L4480.0	504478.1	5408403.7	85657.29688	235.48	53.32	48.828596	-86.938985	56236.51	56295	-44.95	56191.56	56183.67578	56168.30230	56165.30078	504478.1	5408403.7
L4480.0	504478.1	5408401.8	85657.39844	235.04	49.3	48.828579	-86.938985	56237.38	56295	-44.96	56192.43	56184.75781	56168.03982	56165.05859	504478.1	5408401.8
L4480.0	504478.1	5408401.8	85657.50000	235.22	49.3	48.828579	-86.938985	56236.90	56295	-44.96	56191.93	56184.46875	56167.86831	56164.91406	504478.1	5408401.8
L4480.0	504478.1	5408400.6	85657.60156	233.31	48.87	48.828568	-86.938985	56237.48	56295	-44.97	56192.51	56185.25781	56167.62426	56164.69531	504478.1	5408400.6
L4480.0	504478.1	5408399.1	85657.70313	233.24	44.31	48.828555	-86.938985	56237.71	56295	-44.98	56192.74	56185.69141	56167.40281	56164.49609	504478.1	5408399.1
L4480.0	504478.1	5408397.9	85657.79688	234.29	48.05	48.828544	-86.938985	56237.39	56295	-44.99	56192.41	56185.55859	56167.21780	56164.33594	504478.1	5408397.9
L4480.0	504478.1	5408396.5	85657.89844	233.17	48.05	48.828531	-86.938985	56238.02	56295	-44.99	56193.03	56186.37891	56166.96838	56164.11328	504478.1	5408396.5
L4480.0	504478.1	5408395.1	85658.00000	230.58	46.6	48.828518	-86.938985	56237.61	56295	-45.00	56192.61	56186.15234	56166.78704	56163.95703	504478.1	5408395.1
L4480.0	504478.1	5408393.6	85658.10156	230.29	48.36	48.828505	-86.938985	56238.27	56295	-45.00	56193.27	56187.00000	56166.53227	56163.72656	504478.1	5408393.6
L4480.0	504478.1	5408393.6	85658.20313	230.10	48.36	48.828505	-86.938985	56237.43	56295	-45.01	56192.43	56186.34766	56166.37592	56163.59766	504478.1	5408393.6
L4480.0	504478.1	5408391.9	85658.29688	230.31	48.63	48.828490	-86.938985	56237.95	56295	-45.01	56192.94	56187.03906	56166.12783	56163.37500	504478.1	5408391.9
L4480.0	504478.1	5408390.2	85658.39844	223.43	56.83	48.828475	-86.938985	56237.89	56295	-45.02	56192.88	56187.16016	56165.91585	56163.19141	504478.1	5408390.2
L4480.0	504478.1	5408390.2	85658.50000	222.53	56.83	48.828475	-86.938985	56237.92	56295	-45.02	56192.90	56187.35547	56165.69649	56162.99609	504478.1	5408390.2
L4480.0	504478.1	5408389.0	85658.60156	230.61	57.03	48.828463	-86.938986	56237.66	56295	-45.02	56192.64	56187.26953	56165.49363	56162.82031	504478.1	5408389.0
L4480.0	504478.1	5408387.5	85658.60156	230.61	57.01	48.828451	-86.938986	56237.48	56295	-45.02	56192.46	56187.25781	56165.28313	56162.63672	504478.1	5408387.5
L4480.0	504478.1	5408386.1	85658.79688	229.76	53.81	48.828438	-86.938986	56238.08	56295	-45.03	56193.05	56188.01172	56165.01887	56162.40234	504478.1	5408386.1
L4480.0	504478.0	5408384.7	85658.89844	231.83	53.81	48.828425	-86.938986	56237.20	56295	-45.04	56192.17	56187.29688	56164.85006	56162.26172	504478.0	5408384.7
L4480.0	504478.0	5408384.7	85659.00000	231.80	56.66	48.828425	-86.938986	56238.07	56295	-45.04	56193.03	56188.31641	56164.56261	56162.00000	504478.0	5408384.7
L4480.0	504478.0	5408383.0	85659.10156	230.83	58.17	48.828410	-86.938986	56237.48	56295	-45.05	56192.43	56187.87109	56164.36974	56161.83594	504478.0	5408383.0
L4480.0	504478.0	5408381.8	85659.20313	231.89	58.31	48.828399	-86.938986	56237.36	56295.1	-45.05	56192.30	56187.89453	56164.14271	56161.63672	504478.0	5408381.8
L4480.0	504478.0	5408380.3	85659.29688	231.17	58.31	48.828386	-86.938986	56236.59	56295.1	-45.06	56191.53	56187.27344	56163.95542	56161.48047	504478.0	5408380.3
L4480.0	504478.0	5408380.3	85659.39844	233.52	57.55	48.828386	-86.938986	56236.75	56295.1	-45.07	56191.68	56187.56641	56163.70381	56161.25781	504478.0	5408380.3
L4480.0	504478.0	5408378.4	85659.50000	234.93	57.68	48.828369	-86.938986	56236.20	56295.1	-45.08	56191.13	56187.16016	56163.49581	56161.07813	504478.0	5408378.4
L4480.0	504478.0	5408377.0	85659.60156	234.64	58.59	48.828356	-86.938986	56235.81	56295.1	-45.08	56190.73	56186.89844	56163.27469	56160.88672	504478.0	5408377.0
L4480.0	504478.0	5408375.5	85659.70313	233.40	58.59	48.828343	-86.938986	56235.95	56295.1	-45.09	56190.86	56187.16406	56163.01507	56160.65625	504478.0	5408375.5
L4480.0	504478.0	5408374.1	85659.79688	233.04	58.59	48.828329	-86.938986	56235.78	56295.1	-45.10	56190.68	56187.11719	56162.77290	56160.44531	504478.0	5408374.1
L4480.0	504478.0	5408374.1	85659.89844	233.06	55.52	48.828329	-86.938986	56235.72	56295.1	-45.10	56190.62	56187.18750	56162.51947	56160.22266	504478.0	5408374.1
L4480.0	504478.0	5408372.4	85660.00000	222.92	55.62	48.828314	-86.938986	56234.40	56295.1	-45.11	56189.29	56185.98438	56162.34742	56160.07813	504478.0	5408372.4
L4480.0	504478.0	5408371.2	85660.10156	221.46	58.4	48.828303	-86.938986	56234.59	56295.1	-45.11	56189.47	56186.28906	56162.07139	56159.83594	504478.0	5408371.2
L4480.0	504478.0	5408369.7	85660.20313	231.40	58.62	48.828290	-86.938986	56234.36	56295.1	-45.12	56189.24	56186.17969	56161.81934	56159.61328	504478.0	5408369.7
L4480.0	504478.0	5408368.5	85660.29688	231.53	58.62	48.828280	-86.938986	56233.68	56295.1	-45.12	56188.56	56185.62109	56161.59394	56159.42188	504478.0	5408368.5
L4480.0	504478.0	5408367.0	85660.39844	232.80	58.61	48.828266	-86.938987	56233.79	56295.1	-45.13	56188.66	56185.83594	56161.31314	56159.17188	504478.0	5408367.0
L4480.0	504478.0	5408367.0	85660.50000	232.54	58.53	48.828266	-86.938987	56232.66	56295.1	-45.13	56187.53	56184.81641	56161.11095	56159.00000	504478.0	5408367.0
L4480.0	504478.0	5408365.1	85660.60156	230.85	51.73	48.828249	-86.938987	56233.05	56295.1	-45.13	56187.92	56185.31641	56160.80402	56158.72656	504478.0	5408365.1
L4480.0	504478.0	5408363.9	85660.60156	230.85	53.7	48.828238	-86.938987	56232.33	56295.1	-45.13	56187.19	56184.69531	56160.56832	56158.52344	504478.0	5408363.9
L4480.0	504478.0	5408362.5	85660.79688	229.74	55.44	48.828225	-86.938987	56232.24	56295.1	-45.14	56187.10	56184.70703	56160.28653	56158.27344	504478.0	5408362.5
L4480.0	504478.0	5408362.5	85660.89844	230.65	55.44	48.828225	-86.938987	56231.10	56295.1	-45.15	56185.95	56183.66016	56160.07195	56158.09375	504478.0	5408362.5
L4480.0	504478.0	5408360.8	85661.00000	232.30	58.95	48.828210	-86.938987	56230.95	56295.2	-45.15	56185.80	56183.60938	56159.78724	56157.84375	504478.0	5408360.8
L4480.0	504478.0	5408359.4	85661.10156	231.42	53.02	48.828197	-86.938987	56230.81	56295.2	-45.16	56185.65	56183.55859	56159.49906	56157.58984	504478.0	5408359.4
L4480.0	504478.0	5408358.2	85661.20313	232.07	53.02	48.828187	-86.938987	56229.57	56295.2	-45.17	56184.40	56182.40234	56159.28071	56157.40625	504478.0	5408358.2
L4480.0	504478.0	5408357.0	85661.29688	234.08	48.34	48.828176	-86.938987	56229.96	56295.2	-45.18	56184.78	56182.87500	56158.95019	56157.10938	504478.0	5408357.0
L4480.0	504478.0	5408355.5	85661.39844	233.65	47.73	48.828163	-86.938987	56229.19	56295.2	-45.19	56184.00	56182.18359	56158.69346	56156.88672	504478.0	5408355.5
L4480.0	504478.0	5408354.1	85661.50000	232.15	50.17	48.828150	-86.938987	56229.52	56295.2	-45.19	56184.32	56182.59375	56158.35985	56156.58984	504478.0	5408354.1
L4480.0	504478.0	5408354.1	85661.60156	231.77	50.13	48.828150	-86.938987	56229.29	56295.2	-45.20	56184.08	56182.44141	56158.05998	56156.32422	504478.0	5408354.1
L4480.0	504478.0	5408352.9	85661.70313	232.04	49.58	48.828139	-86.938987	56228.78	56295.2	-45.21	56183.57	56182.01563	56157.77449	56156.07813	504478.0	5408352.9
L4480.0	504478.0	5408351.4	85661.79688	231.41	52	48.828126	-86.938987	56228.43	56295.2	-45.22	56183.20	56181.72656	56157.47602	56155.81641	504478.0	5408351.4
L4480.0	504477.9	5408350.1	85661.89844	230.80	52	48.828114	-86.938987	56227.94	56295.2	-45.23	56182.71	56181.31641	56157.18184	56155.55859	504477.9	5408350.1
L4480.0	504477.9	5408348.7	85662.00000	234.08	51.83	48.828101	-86.938988	56227.56	56295.2	-45.24	56182.32	56181.00391	56156.87726	56155.28906	504477.9	5408348.7
L4480.0	504477.9	5408347.5	85662.10156	233.65	52.53	48.828090	-86.938988	56226.89	56295.2	-45.24	56181.65	56180.41406	56156.58755	56155.03906	504477.9	5408347.5
L4480.0	504477.9	5408346.1	85662.20313	232.57	52.53	48.828078	-86.938988	56227.06	56295.2	-45.24	56181.81	56180.64844	56156.23866	56154.72656	504477.9	5408346.1
L4480.0	504477.9	5408346.1	85662.29688	232.44	54.9	48.828078	-86.938988	56226.71	56295.2	-45.25	56181.47	56180.38281	56155.91920	56154.44531	504477.9	5408346.1
L4480.0	504477.9	5408344.6	85662.39844	231.24	53.78	48.828064	-86.938988	56226.66	56295.2	-45.25	56181.41	56180.39453	56155.57710	56154.14453	504477.9	5408344.6
L4480.0	504477.9	5408343.2	85662.50000	232.67	56	48.828052	-86.938988	56226.85	56295.3	-45.25	56181.60	56180.65625	56155.21430	56153.82031	504477.9	5408343.2
L4480.0	504477.9	5408342.0	85662.60156	232.43	56	48.828041	-86.938988	56226.74	56295.3	-45.25	56181.49	56180.61328	56154.86739	56153.51172	504477.9	5408342.0
L4480.0	504477.9	5408340.6	85662.60156	232.43	56.93	48.828028	-86.938988	56226.05	56295.3	-45.25	56180.80	56179.99219	56154.55495	56153.23828	504477.9	5408340.6

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4480.0	504477.9	5408339.1	85662.79688	234.08	58.75	48.828014	-86.938988	56225.21	56295.3	-45.26	56179.96	56179.22266	56154.24825	56152.97266	504477.9	5408339.1
L4480.0	504477.9	5408339.1	85662.89844	233.23	58.75	48.828014	-86.938988	56224.87	56295.3	-45.26	56179.61	56178.93750	56153.90452	56152.67188	504477.9	5408339.1
L4480.0	504477.9	5408336.2	85663.00000	235.66	61.01	48.827989	-86.938989	56225.41	56295.3	-45.26	56180.15	56179.54297	56153.49702	56152.30469	504477.9	5408336.2
L4480.0	504477.9	5408336.2	85663.10156	237.01	61.01	48.827989	-86.938989	56224.86	56295.3	-45.27	56179.59	56179.04688	56153.15832	56152.00781	504477.9	5408336.2
L4480.0	504477.9	5408334.6	85663.20313	235.74	53.58	48.827974	-86.938989	56224.93	56295.3	-45.27	56179.66	56179.17969	56152.77299	56151.66406	504477.9	5408334.6
L4480.0	504477.9	5408333.8	85663.29688	235.13	54.95	48.827967	-86.938989	56223.90	56295.3	-45.28	56178.62	56178.20313	56152.45693	56151.39063	504477.9	5408333.8
L4480.0	504477.9	5408332.2	85663.39844	235.06	55.19	48.827953	-86.938989	56224.04	56295.3	-45.28	56178.75	56178.39453	56152.05804	56151.03516	504477.9	5408332.2
L4480.0	504477.8	5408330.8	85663.50000	234.45	55.19	48.827940	-86.938989	56223.56	56295.3	-45.29	56178.27	56177.97656	56151.69488	56150.71484	504477.8	5408330.8
L4480.0	504477.8	5408329.8	85663.60156	231.45	55.39	48.827931	-86.938989	56223.34	56295.3	-45.30	56178.05	56177.81641	56151.30935	56150.37500	504477.8	5408329.8
L4480.0	504477.8	5408329.8	85663.70313	229.02	53.27	48.827931	-86.938989	56222.89	56295.3	-45.30	56177.58	56177.40625	56150.93534	56150.04297	504477.8	5408329.8
L4480.0	504477.8	5408328.3	85663.79688	229.69	53.27	48.827918	-86.938989	56221.96	56295.3	-45.31	56176.65	56176.53516	56150.58674	56149.74219	504477.8	5408328.3
L4480.0	504477.8	5408326.7	85663.89844	230.52	50.41	48.827903	-86.938990	56222.46	56295.3	-45.31	56177.14	56177.08594	56150.13809	56149.33594	504477.8	5408326.7
L4480.0	504477.8	5408324.8	85664.00000	229.36	53.52	48.827886	-86.938990	56221.70	56295.3	-45.32	56176.38	56176.38672	56149.76729	56149.01172	504477.8	5408324.8
L4480.0	504477.8	5408323.6	85664.10156	229.80	53.52	48.827875	-86.938990	56221.63	56295.3	-45.32	56176.31	56176.37500	56149.34490	56148.63672	504477.8	5408323.6
L4480.0	504477.8	5408323.6	85664.20313	230.45	53.52	48.827875	-86.938990	56221.11	56295.3	-45.33	56175.78	56175.90234	56148.94744	56148.28516	504477.8	5408323.6
L4480.0	504477.8	5408322.2	85664.29688	230.67	53.18	48.827863	-86.938990	56220.89	56295.3	-45.33	56175.57	56175.75391	56148.52282	56147.90625	504477.8	5408322.2
L4480.0	504477.8	5408321.2	85664.39844	233.04	52.99	48.827854	-86.938990	56221.35	56295.3	-45.33	56176.02	56176.26172	56148.04824	56147.48047	504477.8	5408321.2
L4480.0	504477.7	5408319.8	85664.50000	234.69	53.71	48.827841	-86.938991	56220.44	56295.3	-45.33	56175.10	56175.40234	56147.65892	56147.14063	504477.7	5408319.8
L4480.0	504477.7	5408318.3	85664.60156	235.34	53.71	48.827828	-86.938991	56220.45	56295.3	-45.34	56175.11	56175.46875	56147.20140	56146.73047	504477.7	5408318.3
L4480.0	504477.7	5408316.9	85664.60156	235.34	60.81	48.827815	-86.938991	56219.68	56295.3	-45.34	56174.34	56174.75781	56146.78956	56146.36719	504477.7	5408316.9
L4480.0	504477.7	5408315.9	85664.79688	235.81	60.81	48.827806	-86.938991	56218.57	56295.3	-45.34	56173.22	56173.69922	56146.39462	56146.02344	504477.7	5408315.9
L4480.0	504477.7	5408314.7	85664.89844	235.96	56.84	48.827795	-86.938991	56218.94	56295.3	-45.35	56173.59	56174.12891	56145.89378	56145.57031	504477.7	5408314.7
L4480.0	504477.7	5408313.1	85665.00000	234.91	57.64	48.827781	-86.938991	56218.09	56295.3	-45.35	56172.74	56173.33984	56145.46759	56145.19531	504477.7	5408313.1
L4480.0	504477.7	5408313.1	85665.10156	234.62	60.04	48.827781	-86.938991	56218.14	56295.4	-45.35	56172.79	56173.44922	56144.97460	56144.75391	504477.7	5408313.1
L4480.0	504477.7	5408311.6	85665.20313	234.42	63.71	48.827768	-86.938992	56217.04	56295.4	-45.36	56171.68	56172.40234	56144.55201	56144.38281	504477.7	5408311.6
L4480.0	504477.7	5408310.6	85665.29688	235.21	63.71	48.827759	-86.938992	56216.89	56295.4	-45.36	56171.53	56172.31250	56144.05838	56143.94141	504477.7	5408310.6
L4480.0	504477.7	5408309.2	85665.39844	235.75	64	48.827746	-86.938992	56216.54	56295.4	-45.37	56171.17	56172.01563	56143.57157	56143.50781	504477.7	5408309.2
L4480.0	504477.7	5408307.8	85665.50000	235.79	64.01	48.827733	-86.938992	56216.07	56295.4	-45.37	56170.70	56171.60938	56143.08481	56143.07031	504477.7	5408307.8
L4480.0	504477.7	5408306.5	85665.60156	233.94	64.01	48.827722	-86.938992	56215.54	56295.4	-45.37	56170.17	56171.14453	56142.59464	56142.63672	504477.7	5408306.5
L4480.0	504477.7	5408305.2	85665.70313	232.91	63.5	48.827710	-86.938992	56214.29	56295.4	-45.38	56168.91	56169.94922	56142.14560	56142.23828	504477.7	5408305.2
L4480.0	504477.7	5408305.2	85665.79688	231.30	63.35	48.827710	-86.938992	56214.59	56295.4	-45.38	56169.21	56170.31641	56141.58491	56141.73438	504477.7	5408305.2
L4480.0	504477.7	5408304.0	85665.89844	231.80	63.53	48.827699	-86.938992	56213.81	56295.4	-45.39	56168.42	56169.58984	56141.08911	56141.29297	504477.7	5408304.0
L4480.0	504477.7	5408302.6	85666.00000	231.99	64.07	48.827687	-86.938992	56213.56	56295.4	-45.39	56168.17	56169.41016	56140.54943	56140.80859	504477.7	5408302.6
L4480.0	504477.7	5408301.4	85666.10156	232.87	64.07	48.827676	-86.938992	56212.89	56295.4	-45.39	56167.49	56168.79688	56140.03041	56140.34375	504477.7	5408301.4
L4480.0	504477.7	5408299.7	85666.20313	231.44	64.31	48.827661	-86.938992	56212.75	56295.4	-45.40	56167.35	56168.72656	56139.46727	56139.83594	504477.7	5408299.7
L4480.0	504477.7	5408298.8	85666.29688	231.60	64.31	48.827652	-86.938992	56212.38	56295.4	-45.40	56166.98	56168.42578	56138.91123	56139.33984	504477.7	5408298.8
L4480.0	504477.7	5408297.6	85666.39844	232.30	64.65	48.827641	-86.938992	56211.43	56295.4	-45.40	56166.02	56167.53906	56138.38617	56138.87109	504477.7	5408297.6
L4480.0	504477.6	5408296.4	85666.50000	233.07	64.65	48.827631	-86.938992	56210.81	56295.4	-45.40	56165.40	56166.99219	56137.82999	56138.37109	504477.6	5408296.4
L4480.0	504477.6	5408295.4	85666.60156	231.85	55.15	48.827622	-86.938992	56209.90	56295.4	-45.41	56164.49	56166.15234	56137.28457	56137.88281	504477.6	5408295.4
L4480.0	504477.6	5408293.9	85666.60156	231.85	56.23	48.827609	-86.938992	56209.23	56295.4	-45.41	56163.82	56165.55859	56136.71447	56137.37109	504477.6	5408293.9
L4480.0	504477.6	5408293.9	85666.79688	233.71	61.88	48.827609	-86.938992	56208.88	56295.4	-45.41	56163.47	56165.28516	56136.11425	56136.83203	504477.6	5408293.9
L4480.0	504477.6	5408292.2	85666.89844	232.25	61.88	48.827593	-86.938993	56208.77	56295.4	-45.42	56163.36	56165.25391	56135.48914	56136.26563	504477.6	5408292.2
L4480.0	504477.6	5408290.9	85667.00000	232.39	60.98	48.827581	-86.938993	56207.56	56295.4	-45.42	56162.14	56164.10938	56134.92903	56135.76563	504477.6	5408290.9
L4480.0	504477.6	5408289.4	85667.10156	233.90	56.05	48.827568	-86.938993	56207.04	56295.4	-45.42	56161.61	56163.66016	56134.31383	56135.21094	504477.6	5408289.4
L4480.0	504477.6	5408288.0	85667.20313	232.64	57.85	48.827555	-86.938993	56205.92	56295.4	-45.43	56160.49	56162.62109	56133.72876	56134.68750	504477.6	5408288.0
L4480.0	504477.6	5408286.3	85667.29688	233.68	59.23	48.827540	-86.938993	56205.36	56295.4	-45.43	56159.93	56162.14453	56133.09707	56134.11719	504477.6	5408286.3
L4480.0	504477.6	5408286.3	85667.39844	233.39	59.23	48.827540	-86.938993	56205.11	56295.4	-45.44	56159.67	56161.96875	56132.43599	56133.51563	504477.6	5408286.3
L4480.0	504477.6	5408285.1	85667.50000	233.43	56.25	48.827529	-86.938993	56203.70	56295.4	-45.44	56158.25	56160.63281	56131.84277	56132.98438	504477.6	5408285.1
L4480.0	504477.6	5408283.4	85667.60156	235.05	55.05	48.827514	-86.938993	56203.77	56295.4	-45.44	56158.32	56160.78906	56131.14064	56132.34375	504477.6	5408283.4
L4480.0	504477.6	5408282.2	85667.70313	234.43	56.9	48.827503	-86.938993	56201.89	56295.4	-45.45	56156.44	56158.99609	56130.55885	56131.82422	504477.6	5408282.2
L4480.0	504477.6	5408281.0	85667.79688	235.09	64.3	48.827492	-86.938994	56201.79	56295.5	-45.45	56156.33	56158.97656	56129.84931	56131.17969	504477.6	5408281.0
L4480.0	504477.5	5408279.8	85667.89844	236.38	64.3	48.827481	-86.938994	56200.35	56295.5	-45.46	56154.90	56157.63672	56129.21794	56130.61328	504477.5	5408279.8
L4480.0	504477.5	5408279.8	85668.00000	234.63	59.94	48.827481	-86.938994	56199.97	56295.5	-45.46	56154.51	56157.33594	56128.50733	56129.96484	504477.5	5408279.8
L4480.0	504477.5	5408278.1	85668.10156	234.86	61.25	48.827466	-86.938994	56199.27	56295.5	-45.47	56153.81	56156.73047	56127.80738	56129.32813	504477.5	5408278.1
L4480.0	504477.5	5408276.2	85668.20313	234.63	61.25	48.827450	-86.938994	56197.76	56295.5	-45.47	56152.29	56155.30469	56127.15203	56128.73828	504477.5	5408276.2
L4480.0	504477.5	5408275.5	85668.29688	236.61	57.17	48.827443	-86.938994	56197.16	56295.5	-45.48	56151.69	56154.80078	56126.42519	56128.07813	504477.5	5408275.5
L4480.0	504477.5	5408274.1	85668.39844	237.30	57.96	48.827430	-86.938994	56196.21	56295.5	-45.48	56150.73	56153.93750	56125.71213	56127.42969	504477.5	5408274.1
L4480.0	504477.5	5408274.1	85668.50000	235.40	57.96	48.827430	-86.938994	56195.27	56295.5	-45.49	56149.78	56153.08594	56124.98810	56126.76953	504477.5	5408274.1
L4480.0	504477.5	5408272.4	85668.60156	234.71	56.89	48.827415	-86.938994	56194.27	56295.5	-45.50	56148.77	56152.17578	56124.25770	56126.10547	504477.5	5408272.4
L4480.0	504477.5	5408270.7	85668.60156	234.71	56.89	48.827400	-86.938994	56192.67	56295.5	-45.50	56147.17	56150.67578	56123.55619	56125.46875	504477.5	5408270.7
L4480.0	504477.5	5408269.3	85668.79688	236.36	62.11	48.827387	-86.938994	56192.54	56295.5	-45.51	56147.03	56150.63672	56122.74684	56124.72656	504477.5	5408269.3
L4480.0	504477.5	5408268.1	85668.89844	237.61	62.11	48.827377	-86.938994	56191.47	56295.5	-45.51	56145.96	56149.67188	56121.98892	56124.03516	504477.5	5408268.1
L4480.0	504477.5	5408267.2	85669.00000	236.46	61.83	48.827368	-86.938994	56190.25	56295.5	-45.52	56144.73	56148.54688	56121.23103	56123.34375	504477.5	5408267.2
L4480.0	504477.5	5408265.8	85669.10156	236.22	61.83	48.827355	-86.938994	56189.45	56295.5	-45.52	56143.93	56147.85156	56120.43378	56122.61719	504477.5	5408265.8
L4480.0	504477.5	5408265.8	85669.20313	234.88	57.36	48.827355	-86.938994	56188.31	56295.5	-45.52	56142.79	56146.82031	56119.64843	56121.89844	504477.5	5408265.8
L4480.0	504477.6	5408263.6	85669.29688	234.79	57.18	48.827336	-86.938994	56187.08	56295.5	-45.52	56141.56	56145.69922	56118.85827	56121.17578	504477.6	5408263.6
L4480.0	504477.6	5408262.2	85669.39844	235.41	55.58	48.827323	-86.938993	56186.56	56295.5	-45.52	56141.04	56145.28516	56118.00991	56120.39453	504477.6	5408262.2
L4480.0	504477.6	5408261.1	85669.50000	234.80	58.23	48.827313	-86.938993	56184.63	56295.5	-45.51	56139.11	56143.46875	56117.24463	56119.69531	504477.6	5408261.1
L4480.0	504477.6	5408261.1	85669.60156	234.51	58.23	48.827313	-86.938993	56183.40	56295.5	-45.51	56137.89	56142.35938	56116.42105	56118.94141	504477.6	5408261.1
L4480.0	504477.6	5408259.6	85669.70313	234.04	58.44	48.827300	-86.938993	56182.44	56295.5	-45.51	56136.93	56141.51172	56115.56913	56118.15625	504477.6	5408259.6
L4480.0	504477.6	5408257.3	85669.79688	234.00	57.92	48.827279	-86.938993	56180.74	56295.5	-45.51	56135.23	56139.92578	56114.75549	56117.41406	504477.6	5408257.3
L4480.0	504477.6	5408257.3	85669.89844	233.66	59.63	48.827279	-86.938993	56180.12	56295.5	-45.51	56134.61	56139.41797	56113.85876	56116.58594	504477.6	5408257.3
L4480.0	504477.6	5408255.4	85670.00000	232.21	53.28	48.827262	-86.938993	56178.96	56295.5	-45.51	56133.45	56138.37500	56112.98692	56115.78125	504477.6	5408255.4
L4480.0	504477.6	5408255.4	85670.10156	230.80	53.28	48.827262	-86.938993	56178.48	56295.5	-45.51	56132.97	56138.01172	56112.05859	56114.92188	504477.6	5408255.4
L4480.0	504477.6	5408252.3	85670.20313	230.67	53.22	48.827234	-86.938993	56176.73	56295.5	-45.52	56131.22	56136.37500	56111.20377	56114.13672	504477.6	5408252.3
L4480.0	504477.6	5408252.3	85670.29688	230.99	54.96	48.827234	-86.938993	56175.53	56295.5	-45.52	56130.01	56135.28516	56110.30176	56113.30078	504477.6	5408252.3
L4480.0	504477.6	5408250.9	85670.39844	232.06	54.96	48.827222	-86.938993	56174.86	56295.5	-45.52	56129.33	56134.72266	56109.35323	56112.42188	504477.6	5408250.9
L4480.0	504477.6	5408249.7	85670.50000	232.73	60.08	48.827210	-86.938993	56172.61	56295.5	-45.53	56127.08	56132.58984	56108.49818	56111.63672	504477.6	5408249.7
L4480.0	504477.6	5408248.3	85670.60156	231.77	60.08	48.827198	-86.938993	56171.88	56295.5	-45.53	56126.36	56131.98828	56107.52993	56110.73828	504477.6	5408248.3
L4480.0	504477.6	5408246.9	85670.60156	231.77	65.03	48.827185	-86.938993	56170.06	56295.5	-45.53	56124.53	56130.28125	56106.62452	56109.89844	504477.6	5408246.9
L4480.0	504477.6	5408246.9	85670.79688	231.70	64.78	48.827185	-86.938993	56168.91	56295.5	-45.53	56123.38	56129.25000	56105.66263	56109.00781	504477.6	5408246.9
L4480.0	504477.7	5408245.5	85670.89844	232.82	64.78	48.827173	-86.938993	56167.16	56295.5	-45.54	56121.62	56127.60938	56104.73028	56108.14453	504477.7	5408245.5
L4480.0	504477.7	5408243.9	85671.00000	233.52	64.77	48.827158	-86.938992	56165.52	56295.5	-45.54	56119.98	56126.08984	56103.77887	56107.26172	504477.7	5408243.9
L4480.0	504477.7	5408243.9	85671.10156	232.98	64.77	48.827158	-86.938992	56164.82	56295.5	-45.54	56119.28	56125.51172	56102.75376	56106.30469	504477.7	5408243.9
L4480.0	504477.7	5408242.0	85671.20313	233.77	64.85	48.827141	-86.938992	56162.51	56295.5	-45.54	56116.96	56123.31250	56101.82569	56105.44141	504477.7	5408242.0
L4480.0	504477.7	5408240.5	85671.29688	233.51	64.85	48.827128	-86.938992	56161.52	56295.5	-45.55	56115.97	56122.44531	56100.79808	56104.48438	504477.7	5408240.5
L4480.0	504477.7	5408239.0	85671.39844	233.59	65.06	48.827115	-86.938992	56159.16	56295.5	-45.55	56113.61	56120.20703	56099.85101	56103.60547	504477.7	5408239.0
L4480.0	504477.7	5408237.6	85671.50000	236.30	65.06	48.827101	-86.938992	56158.18	56295.6	-45.55	56112.63	56119.34766	56098.80124	56102.62109	504477.7	5408237.6
L4480.0	504477.7	5408237.6	85671.60156	234.94	65.33	48.827101	-86.938992	56156.27	56295.6	-45.55	56110.71	56117.54688	56097.80356	56101.69141	504477.7	5408237.6
L4480.0	504477.7	5408235.7	85671.70313	233.36	64.88	48.827085	-86.938992	56154.85	56295.6	-45.55	56109.29	56116.25000	56096.76209	56100.71484	504477.7	5408235.7
L4480.0	504477.7	5408234.3	85671.79688	231.49	64.88	48.827072	-86.938992	56152.34	56295.6	-45.56	56106.78	56113.85938	56095.78299	56099.80469	504477.7	5408234.3
L4480.0	504477.7	5408234.3	85671.89844	232.03	64.71	48.827072	-86.938992	56150.12	56295.6	-45.56	56104.56	56111.76172	56094.77440	56098.85938	504477.7	5408234.3
L4480.0	504477.7	5408231.5	85672.00000	232.49	64.71	48.827047	-86.938992	56149.58	56295.6	-45.56	56104.02	56111.33984	56093.64384	56097.79688	504477.7	5408231.5

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4480.0	504477.7	5408231.5	85672.10156	231.65	64.35	48.827047	-86.938992	56147.19	56295.6	-45.56	56101.63	56109.07031	56092.62683	56096.84375	504477.7	5408231.5
L4480.0	504477.7	5408229.6	85672.20313	230.22	64.35	48.827030	-86.938992	56146.04	56295.6	-45.56	56100.48	56108.03906	56091.51759	56095.80078	504477.7	5408229.6
L4480.0	504477.7	5408229.6	85672.29688	230.41	48.7	48.827030	-86.938992	56143.91	56295.6	-45.57	56098.34	56106.01563	56090.46500	56094.81250	504477.7	5408229.6
L4480.0	504477.7	5408227.9	85672.39844	230.89	53.14	48.827015	-86.938992	56141.93	56295.6	-45.57	56096.36	56104.15234	56089.39265	56093.80469	504477.7	5408227.9
L4480.0	504477.7	5408226.5	85672.50000	232.67	53.14	48.827002	-86.938992	56139.89	56295.6	-45.57	56094.32	56102.23047	56088.31548	56092.78906	504477.7	5408226.5
L4480.0	504477.8	5408224.9	85672.60156	233.25	52.73	48.826987	-86.938991	56137.06	56295.6	-45.57	56091.49	56099.51563	56087.28244	56091.82031	504477.8	5408224.9
L4480.0	504477.8	5408223.6	85672.60156	233.25	52.73	48.826976	-86.938991	56135.54	56295.6	-45.57	56089.97	56098.10938	56086.15384	56090.75391	504477.8	5408223.6
L4480.0	504477.8	5408222.0	85672.79688	230.21	54.56	48.826961	-86.938991	56132.97	56295.6	-45.58	56087.39	56095.64063	56085.08801	56089.75000	504477.8	5408222.0
L4480.0	504477.8	5408222.0	85672.89844	232.06	58.26	48.826961	-86.938991	56131.42	56295.6	-45.58	56085.84	56094.20313	56083.94597	56088.66797	504477.8	5408222.0
L4480.0	504477.8	5408220.1	85673.00000	231.68	58.26	48.826944	-86.938991	56129.35	56295.6	-45.58	56083.77	56092.24219	56082.83144	56087.61328	504477.8	5408220.1
L4480.0	504477.8	5408218.4	85673.10156	233.81	56.61	48.826929	-86.938991	56126.69	56295.6	-45.58	56081.11	56089.69141	56081.74949	56086.58984	504477.8	5408218.4
L4480.0	504477.8	5408218.4	85673.20313	233.78	56.61	48.826929	-86.938991	56125.06	56295.6	-45.58	56079.47	56088.16016	56080.59321	56085.49219	504477.8	5408218.4
L4480.0	504477.8	5408217.0	85673.29688	232.97	52.91	48.826916	-86.938991	56122.77	56295.6	-45.58	56077.19	56085.98828	56079.47373	56084.42969	504477.8	5408217.0
L4480.0	504477.8	5408215.8	85673.39844	234.11	52.91	48.826906	-86.938991	56119.91	56295.6	-45.58	56074.33	56083.23047	56078.38752	56083.40234	504477.8	5408215.8
L4480.0	504477.8	5408214.4	85673.50000	234.15	57.14	48.826893	-86.938991	56116.70	56295.6	-45.58	56071.12	56080.12500	56077.31975	56082.39063	504477.8	5408214.4
L4480.0	504477.8	5408214.4	85673.60156	233.84	58.68	48.826893	-86.938991	56115.40	56295.6	-45.58	56069.82	56078.92578	56076.12031	56081.24609	504477.8	5408214.4
L4480.0	504477.8	5408212.7	85673.70313	234.97	58.68	48.826878	-86.938991	56111.02	56295.6	-45.58	56065.44	56074.64453	56075.12241	56080.30469	504477.8	5408212.7
L4480.0	504477.8	5408211.0	85673.79688	233.97	60.74	48.826863	-86.938991	56109.66	56295.6	-45.58	56064.08	56073.38281	56073.91998	56079.15625	504477.8	5408211.0
L4480.0	504477.8	5408209.8	85673.89844	234.05	59.17	48.826852	-86.938991	56107.57	56295.6	-45.58	56061.99	56071.38672	56072.76365	56078.05078	504477.8	5408209.8
L4480.0	504477.8	5408209.8	85674.00000	233.03	59.17	48.826852	-86.938991	56104.91	56295.6	-45.58	56059.33	56068.82031	56071.64339	56076.98438	504477.8	5408209.8
L4480.0	504477.8	5408206.9	85674.10156	233.37	56.34	48.826825	-86.938992	56101.54	56295.6	-45.58	56055.96	56065.53906	56070.56921	56075.96094	504477.8	5408206.9
L4480.0	504477.8	5408206.9	85674.20313	232.66	56.34	48.826825	-86.938992	56099.64	56295.6	-45.58	56054.06	56063.72656	56069.39649	56074.83984	504477.8	5408206.9
L4480.0	504477.7	5408205.2	85674.29688	231.87	56.34	48.826810	-86.938992	56096.94	56295.6	-45.58	56051.36	56061.11328	56068.27730	56073.76953	504477.7	5408205.2
L4480.0	504477.7	5408204.0	85674.39844	232.29	61.88	48.826800	-86.938992	56093.13	56295.6	-45.58	56047.55	56057.38672	56067.23307	56072.76953	504477.7	5408204.0
L4480.0	504477.7	5408204.0	85674.50000	232.08	63.43	48.826800	-86.938992	56090.17	56295.6	-45.57	56044.60	56054.51563	56066.13325	56071.71875	504477.7	5408204.0
L4480.0	504477.7	5408202.4	85674.60156	230.26	63.56	48.826785	-86.938992	56087.54	56295.6	-45.57	56041.96	56051.95313	56065.01534	56070.64453	504477.7	5408202.4
L4480.0	504477.7	5408200.9	85674.60156	230.26	63.69	48.826772	-86.938992	56083.87	56295.6	-45.57	56038.30	56048.37109	56063.96885	56069.64453	504477.7	5408200.9
L4480.0	504477.7	5408199.4	85674.79688	230.96	63.69	48.826758	-86.938993	56081.16	56295.6	-45.57	56035.59	56045.73047	56062.86332	56068.58203	504477.7	5408199.4
L4480.0	504477.7	5408198.0	85674.89844	222.22	63.37	48.826746	-86.938993	56077.92	56295.6	-45.57	56032.35	56042.56250	56061.79832	56067.55859	504477.7	5408198.0
L4480.0	504477.7	5408197.3	85675.00000	222.66	63.83	48.826739	-86.938993	56074.51	56295.6	-45.57	56028.94	56039.21875	56060.75077	56066.55078	504477.7	5408197.3
L4480.0	504477.7	5408195.8	85675.10156	230.33	63.83	48.826726	-86.938993	56071.09	56295.6	-45.57	56025.52	56035.86328	56059.71096	56065.55078	504477.7	5408195.8
L4480.0	504477.7	5408195.8	85675.20313	231.17	61.14	48.826726	-86.938993	56068.39	56295.6	-45.57	56022.81	56033.21094	56058.63185	56064.51172	504477.7	5408195.8
L4480.0	504477.7	5408193.4	85675.29688	231.63	61.14	48.826704	-86.938993	56064.14	56295.6	-45.58	56018.57	56029.02734	56057.66379	56063.57813	504477.7	5408193.4
L4480.0	504477.7	5408192.5	85675.39844	231.38	62.82	48.826696	-86.938993	56061.68	56295.6	-45.58	56016.11	56026.62109	56056.58711	56062.53906	504477.7	5408192.5
L4480.0	504477.7	5408191.2	85675.50000	232.72	62.67	48.826685	-86.938993	56058.02	56295.6	-45.58	56012.44	56023.00391	56055.60218	56061.58594	504477.7	5408191.2
L4480.0	504477.7	5408189.8	85675.60156	232.78	62.67	48.826672	-86.938993	56055.00	56295.6	-45.58	56009.42	56020.03125	56054.58605	56060.60156	504477.7	5408189.8
L4480.0	504477.7	5408188.4	85675.70313	233.05	63.1	48.826659	-86.938993	56051.62	56295.6	-45.58	56006.04	56016.69141	56053.60713	56059.65625	504477.7	5408188.4
L4480.0	504477.7	5408188.4	85675.79688	231.58	63.46	48.826659	-86.938993	56048.56	56295.6	-45.59	56002.97	56013.66406	56052.62181	56058.69922	504477.7	5408188.4
L4480.0	504477.7	5408186.9	85675.89844	230.67	63.46	48.826645	-86.938992	56045.35	56295.6	-45.59	55999.76	56010.48828	56051.66121	56057.76953	504477.7	5408186.9
L4480.0	504477.7	5408185.7	85676.00000	231.95	63.76	48.826635	-86.938992	56042.26	56295.6	-45.59	55996.67	56007.42969	56050.70907	56056.84375	504477.7	5408185.7
L4480.0	504477.7	5408184.2	85676.10156	232.89	63.34	48.826622	-86.938992	56038.89	56295.6	-45.59	55993.31	56004.10156	56049.79251	56055.95313	504477.7	5408184.2
L4480.0	504477.8	5408182.6	85676.20313	233.18	60.03	48.826607	-86.938992	56035.38	56295.6	-45.58	55989.80	56000.61328	56048.90464	56055.08594	504477.8	5408182.6
L4480.0	504477.8	5408182.6	85676.29688	231.28	56.27	48.826607	-86.938992	56031.74	56295.6	-45.58	55986.16	55996.99609	56048.04525	56054.25000	504477.8	5408182.6
L4480.0	504477.8	5408180.9	85676.39844	230.15	56.27	48.826592	-86.938992	56028.57	56295.6	-45.58	55983.00	55993.85156	56047.17479	56053.40234	504477.8	5408180.9
L4480.0	504477.8	5408180.0	85676.50000	230.18	52.8	48.826583	-86.938992	56025.16	56295.6	-45.57	55979.59	55990.45703	56046.34303	56052.58984	504477.8	5408180.0
L4480.0	504477.8	5408178.5	85676.60156	229.95	52.51	48.826570	-86.938991	56021.87	56295.6	-45.57	55976.29	55987.16406	56045.52708	56051.78906	504477.8	5408178.5
L4480.0	504477.8	5408177.1	85676.60156	229.95	52.51	48.826558	-86.938991	56018.66	56295.6	-45.57	55973.09	55983.97266	56044.72873	56051.00781	504477.8	5408177.1
L4480.0	504477.8	5408175.9	85676.79688	230.69	52.24	48.826547	-86.938991	56015.12	56295.6	-45.57	55969.55	55980.43359	56043.97839	56050.26953	504477.8	5408175.9
L4480.0	504477.8	5408175.9	85676.89844	227.85	53.91	48.826547	-86.938991	56012.54	56295.6	-45.56	55966.98	55977.85938	56043.18980	56049.49609	504477.8	5408175.9
L4480.0	504477.9	5408174.0	85677.00000	229.60	53.91	48.826530	-86.938991	56009.68	56295.6	-45.56	55964.12	55974.99219	56042.44805	56048.76563	504477.9	5408174.0
L4480.0	504477.9	5408173.3	85677.10156	228.61	54.23	48.826523	-86.938991	56006.11	56295.6	-45.56	55960.55	55971.41016	56041.78217	56048.10938	504477.9	5408173.3
L4480.0	504477.9	5408171.9	85677.20313	228.43	49.27	48.826511	-86.938990	56004.16	56295.6	-45.56	55958.60	55969.44531	56041.03785	56047.37109	504477.9	5408171.9
L4480.0	504477.9	5408170.5	85677.29688	226.29	49.27	48.826498	-86.938990	55999.86	56295.6	-45.56	55954.30	55965.12500	56040.48078	56046.82031	504477.9	5408170.5
L4480.0	504477.9	5408168.8	85677.39844	226.94	53.38	48.826483	-86.938990	55998.29	56295.6	-45.56	55952.73	55963.53125	56039.77325	56046.11719	504477.9	5408168.8
L4480.0	504477.9	5408168.8	85677.50000	227.52	56.85	48.826483	-86.938990	55994.78	56295.6	-45.56	55949.22	55959.99219	56039.22756	56045.57422	504477.9	5408168.8
L4480.0	504477.9	5408167.2	85677.60156	232.31	56.24	48.826468	-86.938990	55992.78	56295.6	-45.56	55947.22	55957.96094	56038.61462	56044.96094	504477.9	5408167.2
L4480.0	504477.9	5408166.0	85677.70313	232.61	56.66	48.826458	-86.938990	55990.23	56295.6	-45.56	55944.67	55955.37500	56038.07265	56044.41797	504477.9	5408166.0
L4480.0	504477.9	5408164.6	85677.79688	232.79	56.19	48.826445	-86.938989	55988.13	56295.6	-45.56	55942.57	55953.23438	56037.53582	56043.87891	504477.9	5408164.6
L4480.0	504477.9	5408163.2	85677.89844	232.24	56.19	48.826432	-86.938989	55985.97	56295.6	-45.56	55940.41	55951.02734	56037.03895	56043.37891	504477.9	5408163.2
L4480.0	504477.9	5408162.4	85678.00000	230.40	57.8	48.826425	-86.938989	55983.68	56295.6	-45.56	55938.12	55948.68750	56036.58748	56042.92188	504477.9	5408162.4
L4480.0	504477.9	5408161.2	85678.10156	230.06	59	48.826414	-86.938989	55981.61	56295.6	-45.56	55936.05	55946.56641	56036.15879	56042.48438	504477.9	5408161.2
L4480.0	504477.9	5408159.7	85678.20313	230.38	59	48.826401	-86.938989	55980.11	56295.6	-45.56	55934.55	55945.00781	56035.73024	56042.04688	504477.9	5408159.7
L4480.0	504477.9	5408159.7	85678.29688	230.80	58.51	48.826401	-86.938989	55978.54	56295.6	-45.55	55932.99	55943.38281	56035.34445	56041.64844	504477.9	5408159.7
L4480.0	504477.9	5408158.1	85678.39844	229.61	60.82	48.826387	-86.938990	55976.59	56295.6	-45.55	55931.04	55941.36719	56035.02402	56041.31641	504477.9	5408158.1
L4480.0	504477.9	5408156.5	85678.50000	230.27	60.82	48.826372	-86.938990	55975.00	56295.5	-45.55	55929.45	55939.70703	56034.71947	56040.99609	504477.9	5408156.5
L4480.0	504477.9	5408155.3	85678.60156	231.42	61.78	48.826361	-86.938990	55974.06	56295.5	-45.55	55928.51	55938.69141	56034.41197	56040.67578	504477.9	5408155.3
L4480.0	504477.9	5408155.3	85678.60156	231.42	63	48.826361	-86.938990	55973.36	56295.5	-45.55	55927.81	55937.91016	56034.12927	56040.37500	504477.9	5408155.3
L4480.0	504477.9	5408153.4	85678.79688	232.81	63.91	48.826345	-86.938990	55971.16	56295.5	-45.54	55925.61	55935.62500	56033.98775	56040.21094	504477.9	5408153.4
L4480.0	504477.9	5408152.0	85678.89844	232.67	63.91	48.826332	-86.938990	55971.38	56295.5	-45.54	55925.84	55935.76953	56033.72574	56039.92969	504477.9	5408152.0
L4480.0	504477.9	5408150.0	85679.00000	234.13	64.11	48.826314	-86.938990	55969.99	56295.5	-45.54	55924.45	55934.28516	56033.61350	56039.79297	504477.9	5408150.0
L4480.0	504477.9	5408150.0	85679.10156	235.36	64.11	48.826314	-86.938990	55970.20	56295.5	-45.54	55924.66	55934.40234	56033.43658	56039.58984	504477.9	5408150.0
L4480.0	504477.9	5408148.0	85679.20313	234.99	64.78	48.826296	-86.938990	55969.86	56295.5	-45.53	55924.33	55933.96875	56033.33781	56039.46484	504477.9	5408148.0
L4480.0	504477.9	5408147.0	85679.29688	234.77	64.9	48.826287	-86.938990	55969.69	56295.5	-45.53	55924.16	55933.69531	56033.27061	56039.37109	504477.9	5408147.0
L4480.0	504477.9	5408147.0	85679.39844	234.68	64.9	48.826287	-86.938990	55969.96	56295.5	-45.53	55924.44	55933.86719	56033.21569	56039.28516	504477.9	5408147.0
L4480.0	504477.9	5408145.1	85679.50000	234.05	64.76	48.826270	-86.938990	55968.98	56295.5	-45.53	55923.45	55932.76563	56033.28772	56039.32422	504477.9	5408145.1
L4480.0	504477.9	5408143.9	85679.60156	232.63	64.79	48.826259	-86.938990	55970.20	56295.5	-45.52	55924.67	55933.86719	56033.25461	56039.26172	504477.9	5408143.9
L4480.0	504477.9	5408142.6	85679.70313	231.32	64.78	48.826248	-86.938990	55970.17	56295.5	-45.52	55924.65	55933.72656	56033.34625	56039.31641	504477.9	5408142.6
L4480.0	504478.0	5408141.3	85679.79688	230.53	64.77	48.826235	-86.938990	55971.33	56295.5	-45.52	55925.82	55934.77344	56033.40045	56039.33594	504478.0	5408141.3
L4480.0	504478.0	5408140.0	85679.89844	230.76	64.77	48.826224	-86.938990	55971.38	56295.5	-45.51	55925.87	55934.69531	56033.57099	56039.46875	504478.0	5408140.0
L4480.0	504478.0	5408138.8	85680.00000	231.38	64.96	48.826213	-86.938990	55971.74	56295.5	-45.51	55926.23	55934.92578	56033.76224	56039.62109	504478.0	5408138.8
L4480.0	504478.0	5408137.4	85680.10156	229.94	64.96	48.826200	-86.938990	55972.59	56295.5	-45.51	55927.08	55935.64063	56033.96186	56039.77734	504478.0	5408137.4
L4480.0	504478.0	5408137.4	85680.20313	230.65	64.9	48.826200	-86.938990	55974.06	56295.5	-45.52	55928.55	55936.97266	56034.16081	56039.93359	504478.0	5408137.4
L4480.0	504478.0	5408135.7	85680.29688	230.19	65.1	48.826185	-86.938989	55975.02	56295.5	-45.52	55929.50	55937.77734	56034.43463	56040.16406	504478.0	5408135.7
L4480.0	504478.0	5408134.3	85680.39844	231.45	65.1	48.826172	-86.938989	55976.44	56295.5	-45.52	55930.92	55939.05469	56034.71686	56040.40234	504478.0	5408134.3
L4480.0	504478.0	5408133.5	85680.50000	230.78	63.26	48.826165	-86.938989	55978.34	56295.5	-45.53	55932.81	55940.79688	56035.00695	56040.64453	504478.0	5408133.5
L4480.0	504478.0	5408131.9	85680.60156	230.64	60.26	48.826151	-86.938989	55980.52	56295.5	-45.53	55934.99	55942.82422	56035.31634	56040.90625	504478.0	5408131.9
L4480.0	504478.0	5408130.6	85680.60156	230.64	60.26	48.826139	-86.938989	55981.60	56295.5	-45.53	55936.07	55943.74609	56035.73707	56041.27734	504478.0	5408130.6
L4480.0	504478.0	5408129.7	85680.79688	231.73	61.47	48.826131	-86.938989	55984.16	56295.5	-45.53	55938.63	55946.14844	56036.09649	56041.58594	504478.0	5408129.7
L4480.0	504478.0	5408128.0	85680.89844	232.65	63.39	48.826116	-86.938989	55985.50	56295.5	-45.54	55939.96	55947.31641	56036.57457	56042.01172	504478.0	5408128.0
L4480.0	504478.0	5408126.4	85681.00000	233.62	63.39	48.826101	-86.938989	55987.44	56295.5	-45.54	55941.90	55949.09375	56037.04792	56042.42969	504478.0	5408126.4
L4480.0	504478.0	5408125.1	85681.10156	232.51	56.36	48.826090	-86.938989	55989.92	56295.5	-45.54	55944.38	55951.40625	56037.52044	56042.84766	504478.0	5408125.1
L4480.0	504478.0	5408125.1	85681.20313	232.67	53.91	48.826090	-86.938989	55991.56	56295.5	-45.54	55946.02	55952.87500	56038.08335	56043.35547	504478.0	5408125.1
L4480.0	504478.1	5408124.0	85681.29688	232.14	54.61	48.826080	-86.938988	55994.48	56295.5	-45.55	55948.93	55955.61328	56038.59516	56043.80859	504478.1	5408124.0

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4480.0	504478.1	5408122.8	85681.39844	232.29	54.61	48.826069	-86.938988	55996.98	56295.5	-45.55	55951.43	55957.93750	56039.16702	56044.32422	504478.1	5408122.8
L4480.0	504478.1	5408121.8	85681.50000	233.37	56.77	48.826060	-86.938988	55999.13	56295.6	-45.55	55953.58	55959.91406	56039.79408	56044.89063	504478.1	5408121.8
L4480.0	504478.1	5408120.4	85681.60156	233.37	58.7	48.826047	-86.938988	56001.43	56295.6	-45.55	55955.88	55962.03125	56040.44210	56045.48047	504478.1	5408120.4
L4480.0	504478.1	5408119.0	85681.70313	232.69	58.7	48.826035	-86.938988	56003.89	56295.6	-45.55	55958.33	55964.30078	56041.11020	56046.08594	504478.1	5408119.0
L4480.0	504478.1	5408117.8	85681.79688	233.17	61.03	48.826024	-86.938988	56006.64	56295.6	-45.56	55961.09	55966.87500	56041.78678	56046.69922	504478.1	5408117.8
L4480.0	504478.1	5408116.8	85681.89844	232.66	65.94	48.826015	-86.938988	56010.21	56295.6	-45.56	55964.65	55970.25000	56042.43826	56047.28906	504478.1	5408116.8
L4480.0	504478.1	5408115.1	85682.00000	232.56	53.78	48.826000	-86.938988	56012.79	56295.6	-45.56	55967.23	55972.64453	56043.18235	56047.96875	504478.1	5408115.1
L4480.0	504478.1	5408114.1	85682.10156	232.75	56.93	48.825991	-86.938987	56015.80	56295.6	-45.56	55970.24	55975.46484	56043.92413	56048.64453	504478.1	5408114.1
L4480.0	504478.1	5408112.9	85682.20313	231.19	56.93	48.825980	-86.938987	56018.38	56295.6	-45.56	55972.82	55977.85156	56044.71996	56049.37500	504478.1	5408112.9
L4480.0	504478.2	5408111.5	85682.29688	230.13	54.35	48.825967	-86.938987	56021.46	56295.6	-45.56	55975.90	55980.73828	56045.50691	56050.09375	504478.2	5408111.5
L4480.0	504478.2	5408111.5	85682.39844	231.19	58.04	48.825967	-86.938987	56024.15	56295.6	-45.56	55978.58	55983.22266	56046.34401	56050.86328	504478.2	5408111.5
L4480.0	504478.2	5408109.8	85682.50000	231.91	62.34	48.825952	-86.938987	56026.88	56295.6	-45.57	55981.31	55985.75781	56047.20032	56051.65234	504478.2	5408109.8
L4480.0	504478.2	5408108.1	85682.60156	231.22	62.34	48.825937	-86.938987	56029.43	56295.6	-45.57	55983.87	55988.12109	56048.08956	56052.47266	504478.2	5408108.1
L4480.0	504478.2	5408106.9	85682.60156	231.22	66.79	48.825926	-86.938987	56032.97	56295.6	-45.57	55987.41	55991.46484	56048.93413	56053.24609	504478.2	5408106.9
L4480.0	504478.2	5408105.9	85682.79688	234.18	67.07	48.825917	-86.938987	56035.89	56295.6	-45.57	55990.32	55994.17578	56049.84043	56054.08203	504478.2	5408105.9
L4480.0	504478.2	5408104.5	85682.89844	232.82	66.29	48.825905	-86.938987	56037.68	56295.6	-45.57	55992.11	55995.76563	56050.84020	56055.01172	504478.2	5408104.5
L4480.0	504478.2	5408103.3	85683.00000	232.19	66.29	48.825894	-86.938987	56041.34	56295.6	-45.57	55995.77	55999.22656	56051.73319	56055.83203	504478.2	5408103.3
L4480.0	504478.2	5408102.1	85683.10156	233.18	64.59	48.825883	-86.938987	56042.89	56295.6	-45.57	55997.32	56000.57422	56052.78385	56056.81250	504478.2	5408102.1
L4480.0	504478.2	5408102.1	85683.20313	231.13	65.77	48.825883	-86.938987	56045.34	56295.6	-45.58	55999.77	56002.82422	56053.79060	56057.74609	504478.2	5408102.1
L4480.0	504478.2	5408100.5	85683.29688	231.40	65.77	48.825868	-86.938987	56048.07	56295.6	-45.58	56002.50	56005.35156	56054.79392	56058.67578	504478.2	5408100.5
L4480.0	504478.1	5408098.8	85683.39844	230.81	66.08	48.825854	-86.938988	56051.27	56295.6	-45.58	56005.68	56008.32813	56055.78161	56059.59375	504478.1	5408098.8
L4480.0	504478.1	5408097.1	85683.50000	232.02	66.08	48.825838	-86.938988	56054.25	56295.6	-45.58	56008.66	56011.10938	56056.79615	56060.53516	504478.1	5408097.1
L4480.0	504478.1	5408097.1	85683.60156	230.58	66.07	48.825838	-86.938988	56056.17	56295.6	-45.59	56010.58	56012.82422	56057.89406	56061.55859	504478.1	5408097.1
L4480.0	504478.1	5408095.9	85683.70313	232.50	66.17	48.825827	-86.938988	56059.66	56295.6	-45.59	56014.07	56016.11328	56058.89918	56062.49219	504478.1	5408095.9
L4480.0	504478.1	5408094.8	85683.79688	234.58	66.17	48.825817	-86.938988	56061.66	56295.6	-45.59	56016.07	56017.91016	56060.01472	56063.53125	504478.1	5408094.8
L4480.0	504478.0	5408093.4	85683.89844	233.65	66.51	48.825805	-86.938989	56065.50	56295.6	-45.60	56019.91	56021.55078	56061.01790	56064.46094	504478.0	5408093.4
L4480.0	504478.0	5408091.9	85684.00000	233.46	66.65	48.825792	-86.938989	56068.02	56295.6	-45.60	56022.42	56023.85938	56062.11929	56065.49219	504478.0	5408091.9
L4480.0	504478.0	5408090.3	85684.10156	234.08	66.51	48.825777	-86.938989	56070.62	56295.6	-45.60	56025.02	56026.26172	56063.22349	56066.51953	504478.0	5408090.3
L4480.0	504478.0	5408090.3	85684.20313	233.92	66.51	48.825777	-86.938989	56072.92	56295.6	-45.60	56027.32	56028.35938	56064.35576	56067.58203	504478.0	5408090.3
L4480.0	504478.0	5408089.2	85684.29688	233.46	66.39	48.825767	-86.938989	56075.64	56295.6	-45.60	56030.05	56030.89453	56065.46674	56068.61719	504478.0	5408089.2
L4480.0	504478.0	5408087.7	85684.39844	233.77	66.71	48.825754	-86.938990	56077.90	56295.6	-45.60	56032.30	56032.94531	56066.61640	56069.69531	504478.0	5408087.7
L4480.0	504478.0	5408086.5	85684.50000	230.32	66.51	48.825743	-86.938990	56081.14	56295.6	-45.60	56035.54	56035.98828	56067.70607	56070.71094	504478.0	5408086.5
L4480.0	504478.0	5408084.9	85684.60156	228.42	66.42	48.825728	-86.938990	56083.36	56295.6	-45.59	56037.77	56038.02344	56068.86842	56071.80078	504478.0	5408084.9
L4480.0	504478.0	5408083.7	85684.60156	228.42	66.3	48.825717	-86.938990	56085.74	56295.6	-45.59	56040.14	56040.20313	56070.02617	56072.88672	504478.0	5408083.7
L4480.0	504478.0	5408083.7	85684.79688	230.09	66.3	48.825717	-86.938990	56088.63	56295.6	-45.59	56043.03	56042.89844	56071.15336	56073.94141	504478.0	5408083.7
L4480.0	504478.0	5408082.1	85684.89844	231.93	66.4	48.825703	-86.938990	56091.28	56295.6	-45.59	56045.69	56045.36719	56072.29939	56075.01563	504478.0	5408082.1
L4480.0	504478.0	5408079.9	85685.00000	232.35	66.53	48.825684	-86.938990	56093.81	56295.6	-45.59	56048.22	56047.71094	56073.45701	56076.10156	504478.0	5408079.9
L4480.0	504478.0	5408079.9	85685.10156	234.07	66.64	48.825684	-86.938990	56095.05	56295.6	-45.59	56049.46	56048.76172	56074.70299	56077.27734	504478.0	5408079.9
L4480.0	504478.0	5408078.5	85685.20313	233.59	66.64	48.825671	-86.938990	56098.49	56295.6	-45.59	56052.91	56052.02734	56075.80345	56078.30859	504478.0	5408078.5
L4480.0	504478.0	5408077.3	85685.29688	235.26	66.61	48.825660	-86.938990	56100.72	56295.6	-45.58	56055.14	56054.07422	56076.98653	56079.42188	504478.0	5408077.3
L4480.0	504478.0	5408076.1	85685.39844	236.38	66.38	48.825649	-86.938990	56104.13	56295.6	-45.58	56058.54	56057.29297	56078.09238	56080.46094	504478.0	5408076.1
L4480.0	504478.0	5408075.4	85685.50000	235.56	66.56	48.825643	-86.938989	56104.64	56295.6	-45.58	56059.06	56057.63672	56079.39051	56081.69141	504478.0	5408075.4
L4480.0	504478.0	5408072.6	85685.60156	234.77	66.57	48.825618	-86.938989	56107.37	56295.6	-45.58	56061.79	56060.19141	56080.54109	56082.77344	504478.0	5408072.6
L4480.0	504478.0	5408072.6	85685.70313	233.39	66.57	48.825618	-86.938989	56109.75	56295.6	-45.58	56064.17	56062.39844	56081.71434	56083.87891	504478.0	5408072.6
L4480.0	504478.0	5408071.0	85685.79688	232.04	66.75	48.825603	-86.938989	56111.79	56295.6	-45.57	56066.21	56064.26563	56082.90912	56085.00781	504478.0	5408071.0
L4480.0	504478.0	5408069.5	85685.89844	231.94	66.66	48.825590	-86.938989	56114.61	56295.6	-45.57	56069.03	56066.91797	56084.05034	56086.08594	504478.0	5408069.5
L4480.0	504478.0	5408069.5	85686.00000	230.22	66.66	48.825590	-86.938989	56116.88	56295.6	-45.57	56071.31	56069.03125	56085.22558	56087.19531	504478.0	5408069.5
L4480.0	504478.0	5408068.0	85686.10156	231.70	66.83	48.825576	-86.938990	56119.32	56295.6	-45.57	56073.74	56071.30078	56086.38843	56088.29688	504478.0	5408068.0
L4480.0	504478.0	5408067.2	85686.20313	232.07	66.65	48.825569	-86.938990	56121.02	56295.6	-45.58	56075.44	56072.83984	56087.59715	56089.44141	504478.0	5408067.2
L4480.0	504478.0	5408065.7	85686.29688	232.93	66.62	48.825555	-86.938990	56123.98	56295.6	-45.58	56078.40	56075.64453	56088.71871	56090.50391	504478.0	5408065.7
L4480.0	504478.0	5408064.5	85686.39844	229.78	66.62	48.825544	-86.938990	56125.93	56295.6	-45.59	56080.34	56077.42969	56089.90473	56091.62891	504478.0	5408064.5
L4480.0	504478.0	5408063.8	85686.50000	230.29	66.87	48.825538	-86.938990	56128.36	56295.6	-45.60	56082.76	56079.69922	56091.05485	56092.71875	504478.0	5408063.8
L4480.0	504478.0	5408062.3	85686.60156	231.01	66.87	48.825525	-86.938990	56129.40	56295.6	-45.60	56083.80	56080.59375	56092.29272	56093.89844	504478.0	5408062.3
L4480.0	504478.0	5408061.1	85686.60156	231.01	66.77	48.825514	-86.938990	56131.83	56295.6	-45.60	56086.23	56082.87891	56093.43336	56094.98438	504478.0	5408061.1
L4480.0	504478.0	5408059.7	85686.79688	235.19	66.77	48.825502	-86.938990	56134.30	56295.6	-45.61	56088.69	56085.19922	56094.56709	56096.06250	504478.0	5408059.7
L4480.0	504478.0	5408058.6	85686.89844	235.45	66.8	48.825491	-86.938990	56135.78	56295.6	-45.62	56090.16	56086.53125	56095.76160	56097.20313	504478.0	5408058.6
L4480.0	504478.0	5408057.5	85687.00000	235.35	67.17	48.825482	-86.938991	56138.54	56295.6	-45.62	56092.92	56089.15625	56096.86460	56098.25000	504478.0	5408057.5
L4480.0	504477.9	5408056.4	85687.10156	234.22	67.17	48.825471	-86.938991	56139.97	56295.6	-45.62	56094.35	56090.45703	56098.05045	56099.38281	504477.9	5408056.4
L4480.0	504477.9	5408054.6	85687.20313	233.11	67.13	48.825456	-86.938991	56141.54	56295.6	-45.61	56095.92	56091.90234	56099.22086	56100.50391	504477.9	5408054.6
L4480.0	504477.9	5408053.2	85687.29688	236.21	66.93	48.825443	-86.938991	56144.10	56295.6	-45.61	56098.49	56094.34766	56100.31824	56101.55078	504477.9	5408053.2
L4480.0	504477.9	5408052.2	85687.39844	235.30	66.93	48.825434	-86.938992	56145.89	56295.6	-45.61	56100.28	56096.01953	56101.46097	56102.64844	504477.9	5408052.2
L4480.0	504477.9	5408050.8	85687.50000	235.75	66.93	48.825421	-86.938992	56147.81	56295.6	-45.61	56102.21	56097.83594	56102.58746	56103.72656	504477.9	5408050.8
L4480.0	504477.9	5408050.8	85687.60156	235.78	66.92	48.825421	-86.938992	56149.86	56295.6	-45.60	56104.26	56099.77734	56103.69880	56104.79297	504477.9	5408050.8
L4480.0	504477.8	5408048.2	85687.70313	233.80	66.73	48.825398	-86.938992	56152.04	56295.6	-45.60	56106.44	56101.84766	56104.79406	56105.84375	504477.8	5408048.2
L4480.0	504477.8	5408047.3	85687.79688	232.87	66.73	48.825390	-86.938992	56154.19	56295.6	-45.60	56108.59	56103.89453	56105.88368	56106.89063	504477.8	5408047.3
L4480.0	504477.8	5408047.3	85687.89844	232.05	66.69	48.825390	-86.938992	56155.10	56295.6	-45.59	56109.51	56104.71875	56107.04743	56108.01172	504477.8	5408047.3
L4480.0	504477.8	5408046.1	85688.00000	231.42	66.73	48.825379	-86.938993	56157.68	56295.6	-45.59	56112.09	56107.20313	56108.09240	56109.01563	504477.8	5408046.1
L4480.0	504477.8	5408044.6	85688.10156	232.80	66.73	48.825365	-86.938993	56158.54	56295.6	-45.59	56112.94	56107.96094	56109.24438	56110.13281	504477.8	5408044.6
L4480.0	504477.8	5408042.4	85688.20313	230.45	66.79	48.825346	-86.938993	56161.07	56295.6	-45.59	56115.48	56110.41797	56110.27515	56111.12500	504477.8	5408042.4
L4480.0	504477.8	5408042.4	85688.29688	230.67	66.73	48.825346	-86.938993	56162.23	56295.6	-45.59	56116.63	56111.48438	56111.38983	56112.20313	504477.8	5408042.4
L4480.0	504477.8	5408041.2	85688.39844	230.54	66.54	48.825335	-86.938993	56164.26	56295.6	-45.59	56118.66	56113.43750	56112.43688	56113.21875	504477.8	5408041.2
L4480.0	504477.8	5408039.7	85688.50000	230.38	66.68	48.825322	-86.938993	56165.95	56295.6	-45.60	56120.35	56115.05078	56113.49743	56114.24609	504477.8	5408039.7
L4480.0	504477.8	5408038.4	85688.60156	229.76	66.68	48.825310	-86.938993	56167.72	56295.6	-45.60	56122.12	56116.75391	56114.54329	56115.26172	504477.8	5408038.4
L4480.0	504477.8	5408036.8	85688.60156	229.76	66.24	48.825296	-86.938993	56169.72	56295.6	-45.60	56124.13	56118.69922	56115.56359	56116.25000	504477.8	5408036.8
L4480.0	504477.8	5408036.8	85688.79688	229.25	66.19	48.825296	-86.938993	56170.93	56295.6	-45.60	56125.33	56119.83594	56116.62814	56117.28906	504477.8	5408036.8
L4480.0	504477.8	5408035.1	85688.89844	231.78	66.07	48.825280	-86.938993	56172.71	56295.6	-45.60	56127.11	56121.55859	56117.64409	56118.27734	504477.8	5408035.1
L4480.0	504477.8	5408033.4	85689.00000	233.32	66.07	48.825265	-86.938993	56174.17	56295.6	-45.60	56128.57	56122.96875	56118.67125	56119.28125	504477.8	5408033.4
L4480.0	504477.8	5408033.4	85689.10156	233.32	66.26	48.825265	-86.938993	56176.09	56295.6	-45.60	56130.49	56124.83984	56119.65745	56120.24219	504477.8	5408033.4
L4480.0	504477.8	5408030.7	85689.20313	233.75	58.18	48.825241	-86.938993	56177.76	56295.6	-45.60	56132.16	56126.46484	56120.64982	56121.21484	504477.8	5408030.7
L4480.0	504477.8	5408029.3	85689.29688	233.28	56.18	48.825228	-86.938993	56179.36	56295.6	-45.60	56133.76	56128.02734	56121.63621	56122.17969	504477.8	5408029.3
L4480.0	504477.8	5408028.6	85689.39844	234.39	56.18	48.825222	-86.938993	56180.57	56295.6	-45.60	56134.98	56129.21094	56122.63711	56123.16406	504477.8	5408028.6
L4480.0	504477.8	5408028.6	85689.50000	235.29	56.54	48.825222	-86.938993	56182.54	56295.6	-45.59	56136.94	56131.14063	56123.57767	56124.08594	504477.8	5408028.6
L4480.0	504477.8	5408027.2	85689.60156	234.03	51.65	48.825209	-86.938993	56183.98	56295.6	-45.59	56138.39	56132.56250	56124.54107	56125.03516	504477.8	5408027.2
L4480.0	504477.8	5408025.8	85689.70313	234.34	51.65	48.825196	-86.938992	56185.20	56295.6	-45.59	56139.61	56133.75781	56125.50847	56125.98828	504477.8	5408025.8
L4480.0	504477.8	5408024.3	85689.79688	234.13	54.3	48.825183	-86.938992	56187.34	56295.6	-45.59	56141.75	56135.87891	56126.40304	56126.87109	504477.8	5408024.3
L4480.0	504477.9	5408023.3	85689.89844	234.04	54.3	48.825174	-86.938992	56187.56	56295.6	-45.59	56141.97	56136.08594	56127.41397	56127.87109	504477.9	5408023.3
L4480.0	504477.9	5408021.9	85690.00000	235.40	53.02	48.825162	-86.938992	56189.87	56295.6	-45.59	56144.28	56138.38672	56128.27375	56128.71875	504477.9	5408021.9
L4480.0	504477.9	5408020.5	85690.10156	234.12	48.44	48.825149	-86.938992	56190.52	56295.6	-45.59	56144.93	56139.03125	56129.23224	56129.67188	504477.9	5408020.5
L4480.0	504477.9	5408020.5	85690.20313	233.81	48.44	48.825149	-86.938992	56192.81	56295.6	-45.59	56147.22	56141.31641	56130.06929	56130.50000	504477.9	5408020.5
L4480.0	504477.9	5408018.9	85690.29688	233.80	51.04	48.825135	-86.938992	56193.62	56295.6	-45.59	56148.03	56142.12891	56130.99275	56131.42188	504477.9	5408018.9
L4480.0	504477.9	5408017.5	85690.39844	234.77	51.04	48.825122	-86.938991	56195.98	56295.6	-45.59	56150.38	56144.48438	56131.80114	56132.22656	504477.9	5408017.5
L4480.0	504477.9	5408015.1	85690.50000	234.11	53.52	48.825100	-86.938991	56196.53	56295.6	-45.60	56150.93	56145.04688	56132.71700	56133.14063	504477.9	5408015.1
L4480.0	504477.9	5408015.1	85690.60156	233.99	53.52	48.825100	-86.938991	56197.88	56295.6	-45.60	56152.28	56146.41016	56133.56685	56133.98828	504477.9	5408015.1

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4480.0	504478.0	5408013.4	85690.60156	233.99	48.88	48.825085	-86.938991	56199.46	56295.6	-45.60	56153.87	56148.01953	56134.38790	56134.81250	504478.0	5408013.4
L4480.0	504478.0	5408013.4	85690.79688	233.07	50.07	48.825085	-86.938991	56200.66	56295.6	-45.60	56155.06	56149.23047	56135.22270	56135.64844	504478.0	5408013.4
L4480.0	504478.0	5408011.7	85690.89844	233.63	50.07	48.825070	-86.938991	56202.35	56295.6	-45.60	56156.75	56150.94531	56136.01111	56136.44141	504478.0	5408011.7
L4480.0	504478.0	5408010.2	85691.00000	232.00	49.96	48.825056	-86.938991	56203.97	56295.6	-45.60	56158.37	56152.59375	56136.79102	56137.22656	504478.0	5408010.2
L4480.0	504478.0	5408008.7	85691.10156	230.69	49.96	48.825043	-86.938991	56203.98	56295.6	-45.60	56158.38	56152.63672	56137.66499	56138.10547	504478.0	5408008.7
L4480.0	504478.0	5408007.3	85691.20313	230.36	52.06	48.825030	-86.938990	56206.38	56295.6	-45.60	56160.77	56155.06641	56138.36693	56138.81641	504478.0	5408007.3
L4480.0	504478.0	5408006.0	85691.29688	227.87	51	48.825019	-86.938990	56206.86	56295.6	-45.60	56161.26	56155.59375	56139.18205	56139.64063	504478.0	5408006.0
L4480.0	504478.0	5408006.0	85691.39844	227.23	51	48.825019	-86.938990	56207.32	56295.6	-45.60	56161.72	56156.09766	56139.98562	56140.45313	504478.0	5408006.0
L4480.0	504478.0	5408003.9	85691.50000	228.30	52.61	48.825000	-86.938990	56208.39	56295.6	-45.60	56162.79	56157.21484	56140.73487	56141.21484	504478.0	5408003.9
L4480.0	504478.0	5408002.3	85691.60156	228.94	54.12	48.824985	-86.938990	56210.30	56295.6	-45.61	56164.69	56159.16797	56141.41506	56141.91016	504478.0	5408002.3
L4480.0	504478.0	5408001.6	85691.70313	228.21	54.12	48.824979	-86.938990	56211.64	56295.6	-45.61	56166.03	56160.55859	56142.11879	56142.62500	504478.0	5408001.6
L4480.0	504478.0	5408000.0	85691.79688	227.63	55.9	48.824964	-86.938990	56211.97	56295.6	-45.61	56166.36	56160.94531	56142.87600	56143.39844	504478.0	5408000.0
L4480.0	504478.0	5408000.0	85691.89844	228.70	61.6	48.824964	-86.938990	56212.93	56295.6	-45.61	56167.32	56161.96875	56143.57730	56144.11719	504478.0	5408000.0
L4480.0	504478.0	5407998.5	85692.00000	229.99	55.69	48.824951	-86.938990	56213.70	56295.6	-45.61	56168.09	56162.80078	56144.27732	56144.83594	504478.0	5407998.5
L4480.0	504478.0	5407997.1	85692.10156	230.94	55.69	48.824938	-86.938990	56214.54	56295.6	-45.61	56168.93	56163.70703	56144.95868	56145.53516	504478.0	5407997.1
L4480.0	504478.0	5407995.5	85692.20313	230.24	48.49	48.824924	-86.938990	56215.76	56295.6	-45.61	56170.15	56164.99609	56145.60069	56146.19531	504478.0	5407995.5
L4480.0	504478.0	5407994.3	85692.29688	229.35	51.02	48.824913	-86.938990	56216.23	56295.6	-45.61	56170.62	56165.53906	56146.27867	56146.89453	504478.0	5407994.3
L4480.0	504478.0	5407992.9	85692.39844	229.30	51.02	48.824901	-86.938990	56216.92	56295.6	-45.61	56171.31	56166.30469	56146.92793	56147.56641	504478.0	5407992.9
L4480.0	504478.0	5407991.5	85692.50000	228.75	56.62	48.824888	-86.938990	56217.76	56295.6	-45.60	56172.15	56167.22266	56147.55314	56148.21484	504478.0	5407991.5
L4480.0	504478.0	5407991.5	85692.60156	226.74	61.2	48.824888	-86.938990	56218.68	56295.6	-45.60	56173.08	56168.23438	56148.15832	56148.84375	504478.0	5407991.5
L4480.0	504478.0	5407989.5	85692.60156	226.74	61.2	48.824870	-86.938990	56218.52	56295.6	-45.60	56172.92	56168.15625	56148.82214	56149.53516	504478.0	5407989.5
L4480.0	504478.0	5407987.7	85692.79688	228.61	60.96	48.824854	-86.938990	56219.93	56295.6	-45.60	56174.32	56169.64063	56149.36797	56150.10547	504478.0	5407987.7
L4480.0	504478.0	5407986.6	85693.00000	220.82	61.04	48.824844	-86.938990	56221.16	56295.6	-45.60	56175.56	56170.96875	56149.91051	56150.67578	504478.0	5407986.6
L4480.0	504478.0	5407985.3	85693.10156	230.49	47.98	48.824832	-86.938990	56221.81	56295.6	-45.60	56176.21	56171.71094	56150.47848	56151.26953	504478.0	5407985.3
L4480.0	504478.0	5407983.5	85693.20313	229.07	49.53	48.824816	-86.938990	56221.41	56295.6	-45.61	56175.81	56171.40234	56151.10260	56151.92188	504478.0	5407983.5
L4480.0	504478.0	5407981.9	85693.29688	230.50	49.53	48.824802	-86.938991	56221.71	56295.6	-45.61	56176.10	56171.78906	56151.66694	56152.51563	504478.0	5407981.9
L4480.0	504478.0	5407981.9	85693.39844	230.69	60.96	48.824802	-86.938991	56222.86	56295.6	-45.62	56177.25	56173.03516	56152.16024	56153.03906	504478.0	5407981.9
L4480.0	504478.0	5407980.2	85693.50000	232.35	60.96	48.824786	-86.938990	56223.25	56295.6	-45.62	56177.63	56173.51563	56152.69126	56153.60156	504478.0	5407980.2
L4480.0	504478.0	5407978.9	85693.60156	232.90	60.9	48.824774	-86.938990	56223.55	56295.6	-45.62	56177.92	56173.90625	56153.21476	56154.15625	504478.0	5407978.9
L4480.0	504478.0	5407977.8	85693.70313	231.37	60.79	48.824764	-86.938990	56224.36	56295.6	-45.63	56178.74	56174.82813	56153.68952	56154.66406	504478.0	5407977.8
L4480.0	504478.0	5407976.3	85693.79688	230.27	60.79	48.824751	-86.938990	56223.66	56295.6	-45.63	56178.03	56174.22266	56154.25298	56155.26172	504478.0	5407976.3
L4480.0	504478.0	5407975.1	85693.89844	229.01	50.46	48.824740	-86.938990	56224.52	56295.6	-45.64	56178.88	56175.17969	56154.69927	56155.73828	504478.0	5407975.1
L4480.0	504478.0	5407974.1	85694.00000	227.26	50.46	48.824731	-86.938990	56224.52	56295.6	-45.64	56178.88	56175.28516	56155.18919	56156.26563	504478.0	5407974.1
L4480.0	504478.0	5407972.7	85694.10156	229.23	45.45	48.824719	-86.938990	56224.47	56295.6	-45.63	56178.84	56175.35547	56155.66889	56156.77734	504478.0	5407972.7
L4480.0	504478.0	5407971.2	85694.20313	229.19	47.14	48.824706	-86.938990	56225.24	56295.6	-45.63	56179.61	56176.23438	56156.08185	56157.22656	504478.0	5407971.2
L4480.0	504478.0	5407971.2	85694.29688	229.38	44.53	48.824706	-86.938990	56224.67	56295.6	-45.62	56179.05	56175.78906	56156.57091	56157.75000	504478.0	5407971.2
L4480.0	504478.1	5407969.7	85694.39844	230.17	44.53	48.824692	-86.938990	56225.16	56295.6	-45.62	56179.54	56176.39063	56156.97756	56158.19141	504478.1	5407969.7
L4480.0	504478.1	5407968.7	85694.50000	231.39	51.49	48.824683	-86.938990	56225.08	56295.6	-45.61	56179.47	56176.43750	56157.40931	56158.66016	504478.1	5407968.7
L4480.0	504478.1	5407966.9	85694.60156	233.71	54.84	48.824667	-86.938990	56225.46	56295.6	-45.60	56179.86	56176.94141	56157.79835	56159.08594	504478.1	5407966.9
L4480.0	504478.1	5407965.6	85694.60156	233.71	54.84	48.824655	-86.938990	56225.85	56295.6	-45.60	56180.24	56177.43750	56158.17621	56159.50000	504478.1	5407965.6
L4480.0	504478.1	5407964.1	85694.79688	235.06	50.35	48.824642	-86.938990	56224.88	56295.6	-45.59	56179.29	56176.60547	56158.63108	56159.99219	504478.1	5407964.1
L4480.0	504478.1	5407964.1	85694.89844	238.05	52.35	48.824642	-86.938990	56225.31	56295.6	-45.59	56179.72	56177.15234	56158.98250	56160.38281	504478.1	5407964.1
L4480.0	504478.1	5407962.8	85695.00000	237.49	53.68	48.824630	-86.938990	56224.58	56295.6	-45.58	56179.00	56176.55078	56159.39935	56160.83594	504478.1	5407962.8
L4480.0	504478.1	5407961.4	85695.10156	237.69	53.68	48.824617	-86.938990	56225.06	56295.6	-45.58	56179.48	56177.15234	56159.72518	56161.20313	504478.1	5407961.4
L4480.0	504478.1	5407960.4	85695.20313	236.85	44.56	48.824608	-86.938990	56224.74	56295.6	-45.59	56179.16	56176.95313	56160.09354	56161.60938	504478.1	5407960.4
L4480.0	504478.1	5407959.3	85695.29688	234.78	44.56	48.824599	-86.938990	56224.81	56295.6	-45.59	56179.22	56177.13281	56160.42600	56161.98047	504478.1	5407959.3
L4480.0	504478.1	5407957.6	85695.39844	234.86	44.86	48.824583	-86.938990	56224.58	56295.6	-45.59	56178.99	56177.02344	56160.76745	56162.35938	504478.1	5407957.6
L4480.0	504478.1	5407956.3	85695.50000	235.26	45.62	48.824571	-86.938990	56224.84	56295.6	-45.60	56179.25	56177.40625	56161.06613	56162.69531	504478.1	5407956.3
L4480.0	504478.1	5407955.1	85695.60156	235.03	45.27	48.824560	-86.938990	56224.83	56295.6	-45.60	56179.23	56177.50781	56161.37360	56163.04297	504478.1	5407955.1
L4480.0	504478.1	5407953.8	85695.70313	233.76	59.71	48.824549	-86.938989	56223.78	56295.6	-45.60	56178.18	56176.57813	56161.74013	56163.44922	504478.1	5407953.8
L4480.0	504478.1	5407952.3	85695.79688	232.98	59.71	48.824535	-86.938989	56224.12	56295.6	-45.60	56178.52	56177.04297	56162.00461	56163.75000	504478.1	5407952.3
L4480.0	504478.1	5407952.3	85695.89844	232.83	58.19	48.824535	-86.938989	56223.83	56295.6	-45.61	56178.22	56176.86328	56162.30263	56164.08594	504478.1	5407952.3
L4480.0	504478.1	5407950.4	85696.00000	233.14	58.19	48.824518	-86.938989	56223.95	56295.6	-45.61	56178.34	56177.10547	56162.56378	56164.38672	504478.1	5407950.4
L4480.0	504478.1	5407949.0	85696.10156	231.61	55.9	48.824505	-86.938989	56223.40	56295.6	-45.61	56177.79	56176.67969	56162.86097	56164.72266	504478.1	5407949.0
L4480.0	504478.1	5407949.0	85696.20313	232.16	57.49	48.824505	-86.938989	56223.07	56295.6	-45.61	56177.46	56176.47266	56163.13515	56165.03516	504478.1	5407949.0
L4480.0	504478.1	5407947.0	85696.29688	231.84	57.49	48.824488	-86.938989	56223.08	56295.6	-45.61	56177.47	56176.60156	56163.37855	56165.31641	504478.1	5407947.0
L4480.0	504478.2	5407945.4	85696.39844	231.91	60.03	48.824474	-86.938989	56223.22	56295.6	-45.61	56177.61	56176.86328	56163.60545	56165.58203	504478.2	5407945.4
L4480.0	504478.2	5407944.1	85696.50000	231.68	60.03	48.824462	-86.938989	56222.16	56295.6	-45.61	56176.55	56175.92578	56163.90477	56165.91797	504478.2	5407944.1
L4480.0	504478.2	5407944.1	85696.60156	231.03	60.12	48.824462	-86.938989	56222.81	56295.6	-45.61	56177.20	56176.69531	56164.08278	56166.13672	504478.2	5407944.1
L4480.0	504478.1	5407942.5	85696.60156	231.03	60.12	48.824447	-86.938989	56221.49	56295.6	-45.61	56175.88	56175.49609	56164.38508	56166.47266	504478.1	5407942.5
L4480.0	504478.1	5407940.9	85696.79688	234.20	59.44	48.824433	-86.938989	56221.40	56295.6	-45.61	56175.79	56175.52734	56164.59860	56166.72656	504478.1	5407940.9
L4480.0	504478.1	5407940.9	85696.89844	232.77	45.48	48.824433	-86.938989	56220.96	56295.6	-45.61	56175.35	56175.20703	56164.82894	56166.99219	504478.1	5407940.9
L4480.0	504478.1	5407939.3	85697.00000	232.47	45.48	48.824419	-86.938989	56220.59	56295.6	-45.61	56174.98	56174.95313	56165.04836	56167.24609	504478.1	5407939.3
L4480.0	504478.1	5407937.6	85697.10156	234.76	49.23	48.824403	-86.938989	56221.20	56295.6	-45.61	56175.59	56175.68359	56165.19647	56167.42969	504478.1	5407937.6
L4480.0	504478.1	5407936.2	85697.20313	234.33	49.23	48.824391	-86.938990	56219.32	56295.6	-45.61	56173.71	56173.91797	56165.50486	56167.77734	504478.1	5407936.2
L4480.0	504478.1	5407934.8	85697.29688	234.95	47.29	48.824378	-86.938990	56219.32	56295.6	-45.62	56173.70	56174.02734	56165.68314	56167.98828	504478.1	5407934.8
L4480.0	504478.1	5407934.8	85697.39844	235.30	47.29	48.824378	-86.938990	56219.23	56295.6	-45.62	56173.61	56174.05078	56165.86157	56168.20313	504478.1	5407934.8
L4480.0	504478.1	5407933.3	85697.50000	235.54	51.17	48.824365	-86.938990	56218.76	56295.6	-45.62	56173.14	56173.69531	56166.06041	56168.43359	504478.1	5407933.3
L4480.0	504478.1	5407931.9	85697.60156	233.89	50.65	48.824351	-86.938990	56217.91	56295.6	-45.62	56172.28	56172.94922	56166.28059	56168.68750	504478.1	5407931.9
L4480.0	504478.1	5407930.2	85697.70313	234.46	50.65	48.824337	-86.938990	56218.20	56295.6	-45.62	56172.58	56173.36328	56166.41903	56168.85938	504478.1	5407930.2
L4480.0	504478.1	5407929.0	85697.79688	234.50	56.33	48.824326	-86.938990	56218.72	56295.6	-45.63	56173.09	56173.98438	56166.53933	56169.01172	504478.1	5407929.0
L4480.0	504478.1	5407929.0	85697.89844	234.59	59.95	48.824326	-86.938990	56216.26	56295.6	-45.63	56170.63	56171.63672	56166.85375	56169.35547	504478.1	5407929.0
L4480.0	504478.1	5407927.5	85698.00000	233.12	60.08	48.824312	-86.938991	56216.75	56295.6	-45.63	56171.12	56172.23438	56166.96786	56169.50391	504478.1	5407927.5
L4480.0	504478.0	5407926.0	85698.10156	232.62	60.08	48.824299	-86.938991	56216.54	56295.6	-45.63	56170.91	56172.13281	56167.12525	56169.69141	504478.0	5407926.0
L4480.0	504478.0	5407926.0	85698.20313	231.01	60	48.824299	-86.938991	56215.37	56295.6	-45.63	56169.73	56171.06250	56167.34416	56169.93750	504478.0	5407926.0
L4480.0	504478.0	5407924.2	85698.29688	230.29	59.76	48.824283	-86.938991	56216.29	56295.6	-45.64	56170.66	56172.09766	56167.41951	56170.04297	504478.0	5407924.2
L4480.0	504478.0	5407922.7	85698.39844	229.79	59.76	48.824269	-86.938991	56214.74	56295.6	-45.64	56169.10	56170.64063	56167.65821	56170.30859	504478.0	5407922.7
L4480.0	504478.0	5407921.3	85698.50000	231.48	59.53	48.824256	-86.938991	56214.58	56295.6	-45.64	56168.94	56170.58594	56167.80115	56170.48047	504478.0	5407921.3
L4480.0	504478.0	5407920.3	85698.60156	233.32	59.53	48.824248	-86.938991	56214.44	56295.6	-45.64	56168.80	56170.54688	56167.94056	56170.64453	504478.0	5407920.3
L4480.0	504478.0	5407919.1	85698.60156	233.32	45.14	48.824236	-86.938991	56213.66	56295.6	-45.64	56168.02	56169.86719	56168.12068	56170.84766	504478.0	5407919.1
L4480.0	504478.0	5407918.0	85698.79688	232.55	48.43	48.824226	-86.938992	56213.83	56295.6	-45.65	56168.19	56170.14063	56168.23573	56170.98828	504478.0	5407918.0
L4480.0	504478.0	5407918.0	85698.89844	231.97	48.43	48.824226	-86.938992	56213.60	56295.6	-45.65	56167.95	56169.99609	56168.37659	56171.15234	504478.0	5407918.0
L4480.0	504478.0	5407916.4	85699.00000	232.27	52.85	48.824212	-86.938992	56212.52	56295.7	-45.65	56166.87	56169.01563	56168.57214	56171.37109	504478.0	5407916.4
L4480.0	504478.0	5407915.1	85699.10156	232.80	52.85	48.824201	-86.938992	56212.89	56295.6	-45.65	56167.24	56169.48047	56168.66993	56171.49219	504478.0	5407915.1
L4480.0	504478.0	5407913.6	85699.20313	234.23	59.57	48.824187	-86.938992	56212.37	56295.6	-45.65	56166.72	56169.05469	56168.82617	56171.66797	504478.0	5407913.6
L4480.0	504477.9	5407912.5	85699.29688	233.31	59.57	48.824177	-86.938992	56211.89	56295.6	-45.64	56166.24	56168.66797	56168.97906	56171.83984	504477.9	5407912.5
L4480.0	504477.9	5407911.1	85699.39844	231.32	59.51	48.824165	-86.938992	56211.23	56295.6	-45.64	56165.58	56168.09766	56169.14346	56172.02344	504477.9	5407911.1
L4480.0	504477.9	5407911.1	85699.50000	232.81	53.7	48.824165	-86.938992	56210.59	56295.6	-45.64	56164.95	56167.55859	56169.30556	56172.20313	504477.9	5407911.1
L4480.0	504477.9	5407908.9	85699.60156	233.18	53.7	48.824145	-86.938993	56211.23	56295.6	-45.64	56165.59	56168.28516	56169.38288	56172.29688	504477.9	5407908.9
L4480.0	504477.9	5407908.9	85699.70313	230.75	52.96	48.824145	-86.938993	56210.61	56295.6	-45.64	56164.97	56167.75391	56169.54428	56172.47266	504477.9	5407908.9
L4480.0	504477.9	5407907.7	85699.79688	231.01	56.32	48.824134	-86.938993	56209.68	56295.6	-45.63	56164.04	56166.91016	56169.72659	56172.66797	504477.9	5407907.7
L4480.0	504477.9	5407906.3	85699.89844	231.48	56.32	48.824121	-86.938993	56209.62	56295.6	-45.63	56163.99	56166.94141	56169.85067	56172.80469	504477.9	5407906.3
L4480.0	504477.9	5407904.9	85700.00000	230.80	51.24	48.824109	-86.938993	56210.02	56295.6	-45.63	56164.39	56167.42578	56169.94534	56172.91016	504477.9	5407904.9

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4480.0	504477.9	5407903.4	85700.10156	231.73	48.87	48.824095	-86.938993	56209.45	56295.6	-45.63	56163.81	56166.92578	56170.10610	56173.08203	504477.9	5407903.4
L4480.0	504477.9	5407902.4	85700.20313	230.52	48.87	48.824086	-86.938993	56208.90	56295.6	-45.64	56163.26	56166.45703	56170.26579	56173.25000	504477.9	5407902.4
L4480.0	504477.9	5407901.4	85700.29688	229.94	50.97	48.824078	-86.938993	56208.21	56295.6	-45.64	56162.57	56165.84375	56170.43588	56173.42969	504477.9	5407901.4
L4480.0	504477.9	5407900.4	85700.39844	230.32	50.99	48.824068	-86.938993	56208.25	56295.7	-45.65	56162.60	56165.94922	56170.55919	56173.55859	504477.9	5407900.4
L4480.0	504477.9	5407899.2	85700.50000	231.72	50.99	48.824057	-86.938994	56207.63	56295.7	-45.65	56161.98	56165.40625	56170.72722	56173.73047	504477.9	5407899.2
L4480.0	504477.9	5407899.2	85700.60156	232.36	46.92	48.824057	-86.938994	56207.63	56295.7	-45.66	56161.97	56165.46875	56170.85609	56173.86328	504477.9	5407899.2
L4480.0	504477.8	5407897.6	85700.60156	232.36	40.62	48.824043	-86.938994	56207.36	56295.7	-45.66	56161.70	56165.26953	56171.00395	56174.01172	504477.8	5407897.6
L4480.0	504477.8	5407896.2	85700.79688	230.57	40.62	48.824031	-86.938994	56207.53	56295.7	-45.67	56161.86	56165.50000	56171.12493	56174.13672	504477.8	5407896.2
L4480.0	504477.8	5407895.3	85700.89844	231.99	45.67	48.824022	-86.938994	56207.53	56295.7	-45.68	56161.85	56165.56250	56171.25916	56174.26953	504477.8	5407895.3
L4480.0	504477.8	5407893.8	85701.00000	234.07	45.67	48.824009	-86.938994	56206.81	56295.7	-45.68	56161.13	56164.91016	56171.44277	56174.44922	504477.8	5407893.8
L4480.0	504477.8	5407893.8	85701.10156	235.13	50.26	48.824009	-86.938994	56206.61	56295.7	-45.68	56160.93	56164.77344	56171.59388	56174.59766	504477.8	5407893.8
L4480.0	504477.8	5407892.6	85701.20313	234.36	50.26	48.823998	-86.938994	56206.12	56295.7	-45.67	56160.45	56164.35938	56171.76593	56174.76563	504477.8	5407892.6
L4480.0	504477.8	5407891.2	85701.29688	233.60	50.26	48.823986	-86.938994	56206.44	56295.7	-45.67	56160.77	56164.74219	56171.88705	56174.87891	504477.8	5407891.2
L4480.0	504477.8	5407890.2	85701.39844	233.80	50.03	48.823977	-86.938994	56206.02	56295.7	-45.66	56160.36	56164.39453	56172.05934	56175.04297	504477.8	5407890.2
L4480.0	504477.8	5407890.2	85701.50000	232.65	53.9	48.823977	-86.938994	56205.61	56295.7	-45.66	56159.95	56164.04688	56172.23424	56175.21094	504477.8	5407890.2
L4480.0	504477.8	5407889.1	85701.60156	230.86	53.9	48.823967	-86.938994	56205.46	56295.7	-45.66	56159.80	56163.95313	56172.39453	56175.35938	504477.8	5407889.1
L4480.0	504477.8	5407887.7	85701.70313	230.57	51.05	48.823955	-86.938994	56205.52	56295.7	-45.65	56159.87	56164.08203	56172.54297	56175.49609	504477.8	5407887.7
L4480.0	504477.8	5407887.0	85701.79688	231.43	48.89	48.823948	-86.938994	56204.52	56295.6	-45.65	56158.87	56163.14063	56172.76566	56175.70313	504477.8	5407887.0
L4480.0	504477.8	5407885.7	85701.89844	233.91	48.89	48.823936	-86.938994	56204.18	56295.6	-45.64	56158.53	56162.85547	56172.94736	56175.87109	504477.8	5407885.7
L4480.0	504477.8	5407884.6	85702.00000	234.19	52.41	48.823926	-86.938994	56204.32	56295.6	-45.64	56158.68	56163.05859	56173.09949	56176.00391	504477.8	5407884.6
L4480.0	504477.8	5407884.6	85702.10156	232.89	52.41	48.823926	-86.938994	56204.38	56295.6	-45.64	56158.74	56163.17188	56173.26081	56176.14844	504477.8	5407884.6
L4480.0	504477.9	5407883.4	85702.20313	233.56	57.68	48.823915	-86.938994	56204.54	56295.6	-45.64	56158.90	56163.38281	56173.41874	56176.28516	504477.9	5407883.4
L4480.0	504477.9	5407882.7	85702.29688	233.98	57.67	48.823909	-86.938994	56204.82	56295.6	-45.64	56159.18	56163.71094	56173.57203	56176.41797	504477.9	5407882.7
L4480.0	504477.9	5407881.6	85702.39844	234.46	57.67	48.823900	-86.938994	56203.92	56295.6	-45.64	56158.28	56162.85938	56173.80743	56176.62891	504477.9	5407881.6
L4480.0	504477.9	5407880.5	85702.50000	235.20	57.11	48.823889	-86.938994	56204.48	56295.6	-45.64	56158.84	56163.46875	56173.94902	56176.74609	504477.9	5407880.5
L4480.0	504477.9	5407879.3	85702.60156	235.76	56.87	48.823879	-86.938994	56203.73	56295.6	-45.64	56158.09	56162.76563	56174.18155	56176.94922	504477.9	5407879.3
L4480.0	504477.9	5407878.6	85702.60156	235.76	57.37	48.823873	-86.938994	56203.87	56295.6	-45.64	56158.23	56162.94922	56174.35843	56177.09766	504477.9	5407878.6
L4480.0	504477.9	5407878.6	85702.79688	234.21	57.37	48.823873	-86.938994	56204.00	56295.6	-45.64	56158.36	56163.12500	56174.53974	56177.25000	504477.9	5407878.6
L4480.0	504477.9	5407877.3	85702.89844	234.82	57.15	48.823860	-86.938994	56203.66	56295.6	-45.64	56158.02	56162.82813	56174.75622	56177.43359	504477.9	5407877.3
L4480.0	504477.9	5407876.3	85703.00000	233.08	57.15	48.823852	-86.938994	56203.97	56295.6	-45.64	56158.33	56163.17969	56174.93329	56177.57813	504477.9	5407876.3
L4480.0	504477.9	5407875.2	85703.10156	232.13	56.54	48.823842	-86.938994	56203.74	56295.6	-45.64	56158.10	56162.98828	56175.15035	56177.76172	504477.9	5407875.2
L4480.0	504477.9	5407875.2	85703.20313	231.65	56.54	48.823842	-86.938994	56203.76	56295.6	-45.64	56158.12	56163.04688	56175.35483	56177.92578	504477.9	5407875.2
L4480.0	504477.8	5407874.2	85703.29688	232.28	49.32	48.823832	-86.938994	56203.39	56295.6	-45.64	56157.75	56162.71875	56175.58945	56178.12500	504477.8	5407874.2
L4480.0	504477.8	5407872.9	85703.39844	231.60	44.74	48.823821	-86.938994	56202.90	56295.6	-45.64	56157.27	56162.27344	56175.83564	56178.32813	504477.8	5407872.9
L4480.0	504477.8	5407872.2	85703.50000	231.73	44.74	48.823815	-86.938994	56203.31	56295.6	-45.63	56157.68	56162.72266	56176.02682	56178.48047	504477.8	5407872.2
L4480.0	504477.8	5407871.2	85703.60156	232.40	49.29	48.823806	-86.938994	56202.68	56295.6	-45.63	56157.05	56162.12891	56176.29172	56178.69922	504477.8	5407871.2
L4480.0	504477.8	5407870.4	85703.70313	232.50	51.87	48.823799	-86.938995	56203.04	56295.6	-45.63	56157.40	56162.51172	56176.49577	56178.85938	504477.8	5407870.4
L4480.0	504477.8	5407869.7	85703.79688	232.17	51.87	48.823793	-86.938995	56203.11	56295.6	-45.63	56157.48	56162.62500	56176.72238	56179.03906	504477.8	5407869.7
L4480.0	504477.8	5407868.9	85703.89844	232.12	57.17	48.823785	-86.938995	56203.06	56295.6	-45.63	56157.43	56162.60938	56176.96232	56179.23047	504477.8	5407868.9
L4480.0	504477.8	5407868.9	85704.00000	230.19	57.17	48.823785	-86.938995	56202.60	56295.6	-45.63	56156.97	56162.18359	56177.23434	56179.45313	504477.8	5407868.9
L4480.0	504477.8	5407867.8	85704.10156	231.25	59.73	48.823775	-86.938995	56202.52	56295.6	-45.63	56156.89	56162.13281	56177.48585	56179.65234	504477.8	5407867.8
L4480.0	504477.8	5407866.9	85704.20313	231.07	59.73	48.823767	-86.938995	56202.46	56295.6	-45.63	56156.83	56162.10547	56177.74097	56179.85156	504477.8	5407866.9
L4480.0	504477.8	5407866.2	85704.29688	231.70	59.36	48.823761	-86.938995	56202.75	56295.6	-45.63	56157.12	56162.42188	56177.97777	56180.03516	504477.8	5407866.2
L4480.0	504477.8	5407866.2	85704.39844	231.71	59.08	48.823761	-86.938995	56201.99	56295.6	-45.63	56156.36	56161.69141	56178.28970	56180.28906	504477.8	5407866.2
L4480.0	504477.8	5407865.3	85704.50000	232.66	59.08	48.823753	-86.938995	56202.07	56295.6	-45.63	56156.44	56161.80078	56178.55086	56180.49219	504477.8	5407865.3
L4480.0	504477.8	5407864.4	85704.60156	231.74	58.1	48.823745	-86.938995	56202.03	56295.6	-45.63	56156.40	56161.78906	56178.82536	56180.70703	504477.8	5407864.4
L4480.0	504477.8	5407863.9	85704.60156	231.74	58.1	48.823740	-86.938995	56202.17	56295.6	-45.63	56156.54	56161.95703	56179.09329	56180.91406	504477.8	5407863.9
L4480.0	504477.8	5407862.9	85704.79688	231.11	58.01	48.823731	-86.938995	56202.02	56295.6	-45.63	56156.39	56161.83203	56179.38611	56181.14063	504477.8	5407862.9
L4480.0	504477.8	5407862.9	85704.89844	232.41	58.01	48.823731	-86.938995	56202.20	56295.6	-45.63	56156.57	56162.03906	56179.66260	56181.35547	504477.8	5407862.9
L4480.0	504477.8	5407862.0	85705.00000	234.30	58.01	48.823723	-86.938995	56201.72	56295.6	-45.63	56156.09	56161.58203	56179.98887	56181.61328	504477.8	5407862.0
L4480.0	504477.8	5407861.5	85705.10156	234.16	45.82	48.823718	-86.938995	56202.14	56295.6	-45.63	56156.51	56162.02734	56180.26104	56181.81641	504477.8	5407861.5
L4480.0	504477.8	5407860.8	85705.20313	234.21	47.79	48.823712	-86.938995	56201.44	56295.6	-45.64	56155.81	56161.35156	56180.61391	56182.10156	504477.8	5407860.8
L4480.0	504477.8	5407860.2	85705.29688	233.78	47.5	48.823707	-86.938995	56202.09	56295.6	-45.64	56156.46	56162.02344	56180.88294	56182.30078	504477.8	5407860.2
L4480.0	504477.8	5407859.6	85705.39844	233.54	47.5	48.823701	-86.938995	56201.86	56295.6	-45.64	56156.22	56161.80859	56181.21760	56182.56250	504477.8	5407859.6
L4480.0	504477.8	5407859.0	85705.50000	235.02	46.92	48.823696	-86.938995	56201.09	56295.6	-45.65	56155.44	56161.05078	56181.59468	56182.86328	504477.8	5407859.0
L4480.0	504477.8	5407858.4	85705.60156	235.46	46.92	48.823690	-86.938995	56201.94	56295.6	-45.65	56156.29	56161.92188	56181.86966	56183.06641	504477.8	5407858.4
L4480.0	504477.8	5407857.7	85705.70313	235.33	48.77	48.823684	-86.938994	56201.44	56295.7	-45.65	56155.79	56161.44531	56182.24136	56183.35938	504477.8	5407857.7
L4480.0	504477.8	5407857.2	85705.79688	232.05	48.77	48.823680	-86.938994	56201.71	56295.7	-45.65	56156.06	56161.73438	56182.56859	56183.60938	504477.8	5407857.2
L4480.0	504477.8	5407856.3	85705.89844	233.20	48.26	48.823672	-86.938994	56201.44	56295.7	-45.66	56155.78	56161.47656	56182.93951	56183.89844	504477.8	5407856.3
L4480.0	504477.8	5407856.3	85706.00000	233.07	50.34	48.823672	-86.938994	56201.00	56295.7	-45.66	56155.34	56161.05469	56183.32827	56184.20703	504477.8	5407856.3
L4480.0	504477.8	5407855.8	85706.10156	231.19	50.34	48.823667	-86.938994	56201.60	56295.7	-45.66	56155.93	56161.66797	56183.65572	56184.45313	504477.8	5407855.8
L4480.0	504477.8	5407855.2	85706.20313	230.40	49.22	48.823662	-86.938994	56201.07	56295.7	-45.67	56155.41	56161.16406	56184.06468	56184.77734	504477.8	5407855.2
L4480.0	504477.9	5407854.5	85706.29688	231.60	49.22	48.823656	-86.938994	56201.68	56295.7	-45.67	56156.01	56161.78516	56184.40666	56185.03516	504477.9	5407854.5
L4480.0	504477.9	5407854.5	85706.39844	232.13	51.99	48.823656	-86.938994	56201.33	56295.7	-45.67	56155.66	56161.45313	56184.81986	56185.36328	504477.9	5407854.5
L4480.0	504477.9	5407854.0	85706.50000	232.11	54.65	48.823651	-86.938994	56201.55	56295.7	-45.68	56155.87	56161.68359	56185.20378	56185.66016	504477.9	5407854.0
L4480.0	504477.9	5407853.5	85706.60156	233.96	54.65	48.823646	-86.938994	56201.27	56295.7	-45.68	56155.59	56161.42188	56185.62864	56185.99609	504477.9	5407853.5
L4480.0	504477.9	5407852.8	85706.60156	233.96	46.06	48.823640	-86.938993	56200.59	56295.7	-45.68	56154.92	56160.76953	56186.08795	56186.36719	504477.9	5407852.8
L4480.0	504477.9	5407852.4	85706.79688	234.79	46.06	48.823636	-86.938993	56201.80	56295.7	-45.68	56156.12	56161.98828	56186.43128	56186.61719	504477.9	5407852.4
L4480.0	504477.9	5407851.9	85706.89844	234.41	46.69	48.823632	-86.938993	56201.38	56295.7	-45.69	56155.69	56161.57422	56186.89216	56186.98828	504477.9	5407851.9
L4480.0	504477.9	5407851.9	85707.00000	234.63	46.25	48.823632	-86.938993	56200.73	56295.7	-45.69	56155.04	56160.94141	56187.37682	56187.37891	504477.9	5407851.9
L4480.0	504478.0	5407851.4	85707.10156	233.89	46.25	48.823628	-86.938993	56201.34	56295.7	-45.69	56155.65	56161.57031	56187.78683	56187.69531	504478.0	5407851.4
L4480.0	504478.0	5407850.9	85707.20313	235.33	45.76	48.823623	-86.938992	56201.38	56295.7	-45.70	56155.68	56161.61719	56188.24509	56188.05859	504478.0	5407850.9
L4480.0	504478.0	5407850.5	85707.29688	233.73	46.11	48.823619	-86.938992	56201.44	56295.7	-45.70	56155.74	56161.69141	56188.71120	56188.42969	504478.0	5407850.5
L4480.0	504478.0	5407850.5	85707.39844	232.99	46.11	48.823619	-86.938992	56201.61	56295.7	-45.70	56155.91	56161.87891	56189.18006	56188.80078	504478.0	5407850.5
L4480.0	504478.0	5407849.9	85707.50000	232.67	44.07	48.823614	-86.938992	56201.60	56295.7	-45.71	56155.89	56161.87500	56189.67196	56189.19531	504478.0	5407849.9
L4480.0	504478.0	5407849.5	85707.60156	231.90	44.07	48.823611	-86.938992	56201.43	56295.7	-45.71	56155.72	56161.72266	56190.18450	56189.60938	504478.0	5407849.5
L4480.0	504478.0	5407849.1	85707.70313	231.50	44.47	48.823607	-86.938992	56201.82	56295.7	-45.71	56156.10	56162.11719	56190.67130	56189.99609	504478.0	5407849.1
L4480.0	504478.0	5407849.1	85707.79688	234.39	44.28	48.823607	-86.938992	56200.98	56295.7	-45.71	56155.27	56161.30469	56191.24999	56190.47266	504478.0	5407849.1
L4480.0	504478.0	5407848.7	85707.89844	234.17	44.28	48.823604	-86.938992	56200.50	56295.7	-45.72	56154.79	56160.83984	56191.81687	56190.94141	504478.0	5407848.7
L4480.0	504478.0	5407848.4	85708.00000	234.23	40.31	48.823600	-86.938992	56201.27	56295.7	-45.72	56155.55	56161.61719	56192.31293	56191.33203	504478.0	5407848.4
L4480.0	504478.0	5407848.0	85708.10156	234.11	43.35	48.823597	-86.938992	56200.72	56295.7	-45.72	56155.00	56161.08203	56192.90849	56191.82813	504478.0	5407848.0
L4480.0	504478.0	5407847.6	85708.20313	234.77	47.3	48.823594	-86.938992	56201.72	56295.7	-45.72	56156.01	56162.10547	56193.41255	56192.22656	504478.0	5407847.6
L4480.0	504478.0	5407847.6	85708.29688	235.86	53.75	48.823594	-86.938992	56200.81	56295.7	-45.71	56155.10	56161.21094	56194.05746	56192.76953	504478.0	5407847.6
L4480.0	504478.1	5407847.3	85708.39844	235.56	53.75	48.823591	-86.938992	56201.13	56295.7	-45.71	56155.42	56161.54688	56194.63358	56193.24219	504478.1	5407847.3
L4480.0	504478.1	5407847.0	85708.50000	235.22	53.62	48.823589	-86.938991	56201.77	56295.7	-45.71	56156.06	56162.20313	56195.20193	56193.70313	504478.1	5407847.0
L4480.0	504478.1	5407846.8	85708.60156	234.18	53.62	48.823586	-86.938991	56201.28	56295.7	-45.71	56155.57	56161.72656	56195.85956	56194.25781	504478.1	5407846.8
L4480.0	504478.1	5407846.7	85708.60156	234.18	53.48	48.823585	-86.938991	56201.57	56295.7	-45.71	56155.86	56162.03125	56196.47952	56194.77344	504478.1	5407846.7
L4480.0	504478.1	5407846.3	85708.79688	233.21	53.95	48.823582	-86.938991	56201.28	56295.7	-45.70	56155.57	56161.75781	56197.15286	56195.33984	504478.1	5407846.3
L4480.0	504478.1	5407846.1	85708.89844	231.82	53.95	48.823580	-86.938991	56201.65	56295.7	-45.70	56155.95	56162.15234	56197.79665	56195.87500	504478.1	5407846.1
L4480.0	504478.1	5407845.9	85709.00000	231.93	54.27	48.823578	-86.938991	56200.66	56295.7	-45.70	56154.96	56161.17578	56198.54731	56196.51953	504478.1	5407845.9
L4480.0	504478.1	5407845.9	85709.10156	231.58	54.46	48.823578	-86.938991	56201.58	56295.7	-45.70	56155.88	56162.11328	56199.18658	56197.05469	504478.1	5407845.9
L4480.0	504478.1	5407845.4	85709.20313	233.02	54.46	48.823574	-86.938991	56201.31	56295.7	-45.71	56155.60	56161.84766	56199.92222	56197.68359	504478.1	5407845.4
L4480.0	504478.1	5407845.4	85709.29688	234.81	54.42	48.823574	-86.938991	56201.47	56295.7	-45.71	56155.76	56162.02344	56200.64532	56198.29688	504478.1	5407845.4

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4480.0	504478.1	5407845.2	85709.39844	235.22	54.42	48.823572	-86.938991	56201.57	56295.7	-45.72	56155.85	56162.12891	56201.39032	56198.93359	504478.1	5407845.2
L4480.0	504478.1	5407845.0	85709.50000	235.25	54.28	48.823570	-86.938991	56200.41	56295.7	-45.72	56154.69	56160.98047	56202.23633	56199.67188	504478.1	5407845.0
L4480.0	504478.1	5407845.0	85709.60156	233.90	54.28	48.823570	-86.938991	56200.45	56295.7	-45.72	56154.73	56161.03516	56203.02045	56200.35156	504478.1	5407845.0
L4520.0	0.0	0.0	31093.30078	334.19	0	48.842906	-86.938411	56017.60	56233.2	16.80	56034.40	56051.43359	56100.61458	56017.32422	504519.0	5409994.4
L4520.0	0.0	0.0	31093.40039	334.23	0	48.842906	-86.938411	56016.91	56233.2	16.80	56033.71	56050.60547	56085.65873	56003.07031	504519.0	5409994.4
L4520.0	0.0	0.0	31093.50000	333.56	0	48.842911	-86.938409	56016.84	56233.2	16.79	56033.63	56050.38672	56083.95342	56002.06250	504519.0	5409995.0
L4520.0	0.0	0.0	31093.59961	333.65	0	48.842915	-86.938408	56016.48	56233.2	16.79	56033.27	56049.89063	56076.62550	55995.43359	504519.1	5409995.5
L4520.0	0.0	0.0	31093.69922	331.78	0	48.842919	-86.938407	56016.34	56233.2	16.79	56033.13	56049.60938	56074.08434	55993.58984	504519.2	5409995.9
L4520.0	0.0	0.0	31093.80078	327.62	0	48.842919	-86.938407	56016.00	56233.2	16.79	56032.79	56049.13281	56067.72424	55987.92969	504519.2	5409995.9
L4520.0	0.0	0.0	31093.80078	327.62	0	48.842923	-86.938406	56015.32	56233.2	16.79	56032.11	56048.31250	56054.92547	55975.83203	504519.3	5409996.4
L4520.0	0.0	0.0	31094.00000	323.03	0	48.842928	-86.938405	56015.16	56233.2	16.78	56031.94	56048.00391	56052.55834	55974.16016	504519.4	5409996.9
L4520.0	0.0	0.0	31094.09961	323.78	0	48.842931	-86.938404	56014.86	56233.2	16.78	56031.65	56047.57422	56048.05590	55970.35156	504519.4	5409997.2
L4520.0	0.0	0.0	31094.19922	324.52	0	48.842934	-86.938403	56014.41	56233.2	16.79	56031.19	56046.97266	56040.51431	55963.50000	504519.5	5409997.5
L4520.0	0.0	0.0	31094.30078	326.61	0	48.842934	-86.938403	56013.90	56233.2	16.79	56030.69	56046.33203	56032.48128	55956.16016	504519.5	5409997.5
L4520.0	0.0	0.0	31094.40039	329.00	0	48.842937	-86.938402	56013.55	56233.2	16.79	56030.34	56045.84375	56027.53283	55951.90234	504519.5	5409997.9
L4520.0	0.0	0.0	31094.50000	332.80	0	48.842937	-86.938402	56013.29	56233.2	16.79	56030.09	56045.44922	56024.64572	55949.70313	504519.5	5409997.9
L4520.0	0.0	0.0	31094.59961	328.78	0	48.842941	-86.938402	56013.09	56233.2	16.80	56029.89	56045.10938	56022.83815	55948.57813	504519.6	5409998.3
L4520.0	0.0	0.0	31094.69922	328.66	0	48.842943	-86.938401	56012.82	56233.2	16.80	56029.62	56044.69922	56019.87847	55946.29688	504519.6	5409998.6
L4520.0	0.0	0.0	31094.80078	335.43	0	48.842946	-86.938401	56012.79	56233.2	16.80	56029.59	56044.52734	56021.43336	55948.53125	504519.7	5409998.9
L4520.0	0.0	0.0	31094.90039	335.72	0	48.842948	-86.938400	56012.44	56233.2	16.81	56029.25	56044.04297	56017.45426	55945.23047	504519.7	5409999.1
L4520.0	0.0	0.0	31095.00000	336.53	0	48.842948	-86.938400	56012.03	56233.2	16.81	56028.84	56043.48828	56012.35606	55940.80469	504519.7	5409999.1
L4520.0	0.0	0.0	31095.09961	333.85	0	48.842952	-86.938400	56011.93	56233.2	16.81	56028.74	56043.24609	56012.95181	55942.06641	504519.8	5409999.6
L4520.0	0.0	0.0	31095.19922	330.79	0	48.842952	-86.938400	56011.50	56233.2	16.81	56028.31	56042.67188	56007.74183	55937.51953	504519.8	5409999.6
L4520.0	0.0	0.0	31095.30078	327.26	0	48.842954	-86.938399	56011.70	56233.2	16.80	56028.51	56042.72656	56013.85931	55944.30078	504519.8	5409999.8
L4520.0	0.0	0.0	31095.40039	325.76	0	48.842954	-86.938399	56011.55	56233.2	16.80	56028.35	56042.41797	56013.64409	55944.74609	504519.8	5409999.8
L4520.0	0.0	0.0	31095.50000	324.48	0	48.842956	-86.938398	56011.27	56233.2	16.80	56028.07	56041.99219	56003.83168	55935.58594	504519.8	5410000.1
L4520.0	0.0	0.0	31095.59961	322.84	0	48.842958	-86.938398	56011.50	56233.2	16.80	56028.29	56042.06641	56013.82641	55946.22656	504519.9	5410000.2
L4520.0	0.0	0.0	31095.69922	324.74	0	48.842959	-86.938397	56011.48	56233.2	16.80	56028.27	56041.89844	56017.78718	55950.83203	504519.9	5410000.4
L4520.0	0.0	0.0	31095.80078	326.77	0	48.842959	-86.938397	56011.47	56233.2	16.79	56028.27	56041.74609	56022.32206	55956.00781	504519.9	5410000.4
L4520.0	0.0	0.0	31095.80078	326.77	0	48.842960	-86.938397	56011.52	56233.2	16.79	56028.32	56041.64844	56028.19740	55962.51953	504519.9	5410000.5
L4520.0	0.0	0.0	31096.00000	332.74	0	48.842962	-86.938397	56011.85	56233.2	16.79	56028.64	56041.81641	56041.02698	55975.97656	504520.0	5410000.6
L4520.0	0.0	0.0	31096.09961	333.31	0	48.842962	-86.938397	56011.47	56233.2	16.79	56028.26	56041.28516	56032.94692	55968.51953	504520.0	5410000.6
L4520.0	0.0	0.0	31096.19922	333.07	0	48.842962	-86.938396	56012.08	56233.2	16.79	56028.87	56041.74219	56047.29180	55983.48047	504520.0	5410000.7
L4520.0	0.0	0.0	31096.30078	333.27	0	48.842964	-86.938396	56012.01	56233.2	16.79	56028.80	56041.51563	56049.71946	55986.52344	504520.0	5410000.9
L4520.0	0.0	0.0	31096.40039	330.70	0	48.842964	-86.938396	56011.02	56233.2	16.79	56027.81	56040.37109	56035.59419	55973.00781	504520.0	5410000.9
L4520.0	0.0	0.0	31096.50000	328.82	0	48.842965	-86.938396	56010.99	56233.2	16.79	56027.78	56040.18359	56038.94229	55976.95703	504520.0	5410001.0
L4520.0	0.0	0.0	31096.59961	327.27	0	48.842967	-86.938396	56010.46	56233.2	16.79	56027.25	56039.49609	56033.19532	55971.80469	504520.0	5410001.2
L4520.0	0.0	0.0	31096.69922	326.37	0	48.842967	-86.938396	56010.59	56233.2	16.79	56027.38	56039.46875	56039.81765	55979.01953	504520.0	5410001.2
L4520.0	0.0	0.0	31096.80078	325.59	0	48.842969	-86.938396	56010.54	56233.2	16.79	56027.33	56039.25781	56043.27350	55983.05859	504520.0	5410001.4
L4520.0	0.0	0.0	31096.90039	324.37	0	48.842971	-86.938396	56010.21	56233.2	16.79	56027.00	56038.76563	56041.54013	55981.90625	504520.0	5410001.7
L4520.0	0.0	0.0	31097.00000	325.39	0	48.842973	-86.938396	56010.38	56233.2	16.79	56027.17	56038.77344	56049.51326	55990.44922	504520.0	5410001.9
L4520.0	0.0	0.0	31097.09961	326.78	0	48.842973	-86.938396	56010.11	56233.2	16.79	56026.90	56038.33594	56049.14978	55990.64844	504520.0	5410001.9
L4520.0	0.0	0.0	31097.19922	328.36	0	48.842975	-86.938396	56009.91	56233.2	16.79	56026.69	56037.96094	56050.04039	55992.09766	504520.0	5410002.1
L4520.0	0.0	0.0	31097.30078	330.49	0	48.842978	-86.938395	56009.75	56233.2	16.79	56026.54	56037.64063	56052.20537	55994.81250	504520.1	5410002.4
L4520.0	0.0	0.0	31097.40039	334.07	0	48.842980	-86.938395	56009.32	56233.2	16.79	56026.11	56037.04297	56048.97264	55992.12891	504520.1	5410002.7
L4520.0	0.0	0.0	31097.50000	336.42	0	48.842980	-86.938395	56008.84	56233.2	16.79	56025.63	56036.39063	56044.83578	55988.52734	504520.1	5410002.7
L4520.0	0.0	0.0	31097.59961	336.84	0	48.842984	-86.938395	56008.48	56233.2	16.78	56025.27	56035.85938	56043.15785	55987.37891	504520.1	5410003.1
L4520.0	0.0	0.0	31097.69922	334.96	0	48.842987	-86.938394	56008.08	56233.2	16.78	56024.87	56035.28516	56040.80141	55985.54688	504520.2	5410003.4
L4520.0	0.0	0.0	31097.80078	335.80	0	48.842987	-86.938394	56007.86	56233.2	16.78	56024.64	56034.87891	56041.91369	55987.17578	504520.2	5410003.4
L4520.0	0.0	0.0	31097.80078	335.80	0	48.842990	-86.938393	56007.50	56233.2	16.78	56024.29	56034.34766	56040.78308	55986.55469	504520.2	5410003.8
L4520.0	0.0	0.0	31098.00000	333.03	0	48.842994	-86.938393	56007.30	56233.2	16.78	56024.08	56033.96094	56042.53280	55988.80859	504520.3	5410004.2
L4520.0	0.0	0.0	31098.09961	330.10	0	48.842994	-86.938393	56006.92	56233.2	16.78	56023.70	56033.39844	56041.06644	55987.83594	504520.3	5410004.2
L4520.0	0.0	0.0	31098.19922	326.94	0	48.842997	-86.938392	56006.82	56233.2	16.78	56023.60	56033.11328	56045.22554	55992.48047	504520.3	5410004.6
L4520.0	0.0	0.0	31098.30078	323.74	0	48.843001	-86.938392	56006.09	56233.2	16.78	56022.87	56032.19531	56037.17316	55984.91016	504520.3	5410005.0
L4520.0	0.0	0.0	31098.40039	322.67	0	48.843001	-86.938392	56005.76	56233.2	16.78	56022.54	56031.67969	56037.10441	55985.31641	504520.3	5410005.0
L4520.0	0.0	0.0	31098.50000	323.26	0	48.843004	-86.938392	56005.51	56233.2	16.79	56022.29	56031.23828	56038.73871	55987.41406	504520.3	5410005.4
L4520.0	0.0	0.0	31098.59961	326.23	0	48.843009	-86.938391	56005.28	56233.2	16.79	56022.06	56030.81641	56040.90233	55990.03516	504520.4	5410005.9
L4520.0	0.0	0.0	31098.69922	328.31	0	48.843013	-86.938391	56005.00	56233.2	16.79	56021.78	56030.34375	56042.23413	55991.81641	504520.4	5410006.3
L4520.0	0.0	0.0	31098.80078	328.09	0	48.843013	-86.938391	56004.70	56233.2	16.79	56021.48	56029.84766	56043.32377	55993.34766	504520.4	5410006.3
L4520.0	0.0	0.0	31098.90039	328.59	0	48.843017	-86.938391	56004.04	56233.2	16.79	56020.83	56028.99609	56037.77932	55988.24219	504520.4	5410006.8
L4520.0	0.0	0.0	31099.00000	329.53	0	48.843021	-86.938390	56003.68	56233.2	16.79	56020.47	56028.43750	56038.02095	55988.91016	504520.4	5410007.2
L4520.0	0.0	0.0	31099.09961	332.16	0	48.843026	-86.938390	56003.28	56233.2	16.79	56020.07	56027.83203	56037.64556	55988.95313	504520.4	5410007.8
L4520.0	0.0	0.0	31099.19922	331.93	0	48.843026	-86.938390	56002.95	56233.2	16.79	56019.74	56027.29688	56038.77862	55990.50000	504520.4	5410007.8
L4520.0	0.0	0.0	31099.30078	332.66	0	48.843030	-86.938390	56002.57	56233.2	16.80	56019.37	56026.71875	56039.28576	55991.41016	504520.5	5410008.3
L4520.0	0.0	0.0	31099.40039	333.32	0	48.843036	-86.938390	56002.04	56233.2	16.80	56018.84	56025.98047	56036.85804	55989.38281	504520.5	5410008.9
L4520.0	0.0	0.0	31099.50000	331.84	0	48.843036	-86.938390	56001.36	56233.2	16.80	56018.16	56025.08594	56031.71857	55984.63672	504520.5	5410008.9
L4520.0	0.0	0.0	31099.59961	332.75	0	48.843040	-86.938389	56001.06	56233.2	16.80	56017.86	56024.57422	56034.00230	55987.30078	504520.5	5410009.4
L4520.0	0.0	0.0	31099.69922	334.48	0	48.843040	-86.938389	56000.70	56233.2	16.80	56017.50	56023.99609	56035.25394	55988.92578	504520.5	5410009.4
L4520.0	0.0	0.0	31099.80078	333.45	0	48.843050	-86.938389	55999.96	56233.2	16.81	56016.77	56023.04688	56029.68781	55983.72656	504520.6	5410010.4
L4520.0	0.0	0.0	31099.80078	333.45	0	48.843050	-86.938389	55999.71	56233.2	16.81	56016.52	56022.57422	56033.23437	55987.63672	504520.6	5410010.4
L4520.0	0.0	0.0	31100.00000	332.54	0	48.843055	-86.938388	55999.46	56233.2	16.81	56016.27	56022.09766	56036.79772	55991.55469	504520.6	5410011.1
L4520.0	0.0	0.0	31100.09961	331.25	0	48.843055	-86.938388	55998.70	56233.2	16.81	56015.51	56021.11328	56031.23032	55986.33203	504520.6	5410011.1
L4520.0	0.0	0.0	31100.19922	330.26	0	48.843062	-86.938388	55998.45	56233.2	16.81	56015.26	56020.63281	56031.78750	55987.22656	504520.6	5410011.8
L4520.0	0.0	0.0	31100.30078	329.08	0	48.843067	-86.938388	55997.44	56233.2	16.82	56014.25	56019.39063	56018.98326	55974.75781	504520.6	5410012.4
L4520.0	0.0	0.0	31100.40039	326.70	0	48.843073	-86.938388	55997.14	56233.2	16.82	56013.96	56018.86719	56024.31805	55980.41797	504520.6	5410013.0
L4520.0	0.0	0.0	31100.50000	324.60	0	48.843077	-86.938388	55996.25	56233.2	16.82	56013.07	56017.74219	56015.49832	55971.91797	504520.6	5410013.5
L4520.0	0.0	0.0	31100.59961	323.57	0	48.843077	-86.938388	55996.02	56233.2	16.82	56012.84	56017.27344	56022.50763	55979.23828	504520.6	5410013.5
L4520.0	0.0	0.0	31100.69922	319.94	0	48.843087	-86.938388	55995.21	56233.2	16.82	56012.03	56016.21875	56016.36058	55973.39453	504520.6	5410014.5
L4520.0	0.0	0.0	31100.80078	317.95	0	48.843087	-86.938388	55994.91	56233.2	16.83	56011.73	56015.67578	56021.95829	55979.29297	504520.6	5410014.5
L4520.0	0.0	0.0	31100.90039	316.47	0	48.843093	-86.938388	55994.22	56233.2	16.83	56011.05	56014.75000	56019.33676	55976.96484	504520.6	5410015.3
L4520.0	0.0	0.0	31101.00000	318.79	0	48.843099	-86.938388	55993.14	56233.2	16.83	56009.97	56013.42188	56008.47754	55966.39063	504520.6	5410016.0
L4520.0	0.0	0.0	31101.09961	317.63	0	48.843099	-86.938388	55992.71	56233.2	16.83	56009.54	56012.74219	56011.85814	55970.05078	504520.6	5410016.0
L4520.0	0.0	0.0	31101.19922	317.41	0	48.843105	-86.938388	55992.40	56233.2	16.83	56009.23	56012.17969	56017.94773	55976.41016	504520.6	5410016.6
L4520.0	0.0	0.0	31101.30078	316.50	0	48.843111	-86.938388	55991.67	56233.2	16.83	56008.50	56011.19531	56015.42427	55974.15625	504520.6	5410017.3
L4520.0	0.0	0.0	31101.40039	316.94	0	48.843111	-86.938388	55991.04	56233.2	16.83	56007.87	56010.30469	56015.27976	55974.27344	504520.6	5410017.3
L4520.0	0.0	0.0	31101.50000	317.33	0	48.843119	-86.938388	55990.18	56233.2	16.83	56007.01	56009.18750	56010.47490	55969.72656	504520.6	5410018.1
L4520.0	0.0	0.0	31101.59961	318.78	0	48.843126	-86.938388	55989.46	56233.2	16.83	56006.29	56008.20313	56008.85768	55968.35547	504520.6	5410019.0
L4520.0	0.0	0.0	31101.69922	319.91	0	48.843126	-86.938388	55988.91	56233.2	16.83	56005.74	56007.39063	56011.25669	55971.00000	504520.6	5410019.0
L4520.0	0.0	0.0	31101.80078	322.26	0	48.843137	-86.938389	55988.31	56233.2	16.83	56005.14	56006.52344	56012.92802	55972.91016	504520.6	5410020.1
L4520.0	0.0	0.0	31101.80078	322.26	0	48.843144	-86.938389	55987.57	56233.2	16.83	56004.40	56005.51563	56011.69012	55971.90625	504520.6	5410020.9
L4520.0	0.0	0.0	31102.00000	323.78	0	48.843144	-86.938389	55986.96	56233.2	16.83	56003.79	56004.63672	56013.87548	55974.32031	504520.6	5410020.9
L4520.0	0.0	0.0	31102.09961	323.99	0	48.843153	-86.938389	55986.11	56233.2	16.83	56002.94	56003.51563	56010.43454	55971.10547	504520.6	5410021.9
L4520.0	0.0	0.0	31102.19922	325.91	0	48.843159	-86.938389	55985.47	56233.2	16.84	56002.31	56002.60938	56014.31148	55975.19922	504520.6	5410022.6

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4520.0	0.0	0.0	31102.30078	327.50	0	48.843159	-86.938389	55984.82	56233.2	16.84	56001.65	56001.67578	56015.56603	55976.66797	504520.6	5410022.6
L4520.0	0.0	0.0	31102.40039	330.66	0	48.843169	-86.938389	55983.88	56233.2	16.84	56000.72	56000.46875	56011.84042	55973.15234	504520.5	5410023.7
L4520.0	0.0	0.0	31102.50000	334.14	0	48.843176	-86.938389	55983.02	56233.2	16.85	55999.86	55999.32813	56009.51672	55971.03516	504520.5	5410024.5
L4520.0	0.0	0.0	31102.59961	335.02	0	48.843188	-86.938389	55982.18	56233.2	16.85	55999.03	55998.21484	56007.90905	55969.62891	504520.5	5410025.8
L4520.0	0.0	0.0	31102.69922	337.51	0	48.843188	-86.938389	55981.42	56233.1	16.85	55998.27	55997.17578	56007.94971	55969.86328	504520.5	5410025.8
L4520.0	0.0	0.0	31102.80078	338.34	0	48.843194	-86.938389	55980.41	56233.1	16.85	55997.27	55995.89063	56002.94493	55965.05469	504520.5	5410026.5
L4520.0	0.0	0.0	31102.90039	339.80	0	48.843194	-86.938389	55979.68	56233.1	16.86	55996.54	55994.87500	56004.02828	55966.32813	504520.5	5410026.5
L4520.0	0.0	0.0	31103.00000	340.77	0	48.843203	-86.938389	55978.79	56233.1	16.86	55995.65	55993.69922	56001.72374	55964.21094	504520.5	5410027.5
L4520.0	0.0	0.0	31103.09961	341.45	0	48.843211	-86.938389	55978.01	56233.1	16.86	55994.87	55992.62891	56002.12124	55964.78906	504520.5	5410028.4
L4520.0	0.0	0.0	31103.19922	343.14	0	48.843211	-86.938389	55977.28	56233.1	16.86	55994.14	55991.60938	56003.82645	55966.67188	504520.5	5410028.4
L4520.0	0.0	0.0	31103.30078	342.76	0	48.843224	-86.938389	55976.24	56233.1	16.87	55993.10	55990.28125	55998.53279	55961.55469	504520.5	5410029.8
L4520.0	0.0	0.0	31103.40039	343.09	0	48.843230	-86.938389	55975.58	56233.1	16.87	55992.45	55989.33984	56002.54900	55965.74609	504520.5	5410030.4
L4520.0	0.0	0.0	31103.50000	342.64	0	48.843230	-86.938389	55974.82	56233.1	16.87	55991.69	55988.28516	56004.21847	55967.58594	504520.5	5410030.4
L4520.0	0.0	0.0	31103.59961	342.13	0	48.843249	-86.938389	55973.61	56233.1	16.87	55990.48	55986.78516	55995.61300	55959.14844	504520.5	5410032.6
L4520.0	0.0	0.0	31103.69922	341.82	0	48.843249	-86.938389	55972.85	56233.1	16.87	55989.73	55985.73828	55997.93445	55961.63672	504520.5	5410032.6
L4520.0	0.0	0.0	31103.80078	341.90	0	48.843257	-86.938390	55971.84	56233.1	16.88	55988.72	55984.43359	55994.39847	55958.26172	504520.5	5410033.5
L4520.0	0.0	0.0	31103.80078	341.90	0	48.843263	-86.938390	55970.78	56233.1	16.88	55987.65	55983.07031	55989.66038	55953.68750	504520.5	5410034.2
L4520.0	0.0	0.0	31104.00000	340.12	0	48.843274	-86.938390	55970.22	56233.1	16.88	55987.10	55982.22656	55997.23086	55961.41797	504520.4	5410035.3
L4520.0	0.0	0.0	31104.09961	339.51	0	48.843274	-86.938390	55969.13	56233.1	16.88	55986.02	55980.84766	55992.63441	55956.98047	504520.4	5410035.3
L4520.0	0.0	0.0	31104.19922	338.39	0	48.843283	-86.938390	55968.22	56233.1	16.89	55985.11	55979.64453	55992.17774	55956.67969	504520.4	5410036.4
L4520.0	0.0	0.0	31104.30078	338.13	0	48.843292	-86.938390	55966.83	56233.1	16.89	55983.72	55977.95703	55980.70656	55945.36328	504520.4	5410037.4
L4520.0	0.0	0.0	31104.40039	337.80	0	48.843292	-86.938390	55965.92	56233.1	16.90	55982.82	55976.76172	55980.81924	55945.63281	504520.4	5410037.4
L4520.0	0.0	0.0	31104.50000	337.51	0	48.843303	-86.938390	55964.75	56233.1	16.90	55981.66	55975.30469	55975.09712	55940.06250	504520.4	5410038.6
L4520.0	0.0	0.0	31104.59961	336.30	0	48.843313	-86.938390	55963.89	56233.1	16.91	55980.80	55974.14844	55976.49345	55941.60938	504520.4	5410039.7
L4520.0	0.0	0.0	31104.69922	335.95	0	48.843313	-86.938390	55963.06	56233.1	16.92	55979.97	55973.02344	55978.63681	55943.90625	504520.4	5410039.7
L4520.0	0.0	0.0	31104.80078	335.83	0	48.843322	-86.938390	55962.20	56233.1	16.92	55979.12	55971.87891	55980.36613	55945.78906	504520.4	5410040.7
L4520.0	0.0	0.0	31104.90039	334.11	0	48.843332	-86.938391	55960.88	56233.1	16.93	55977.81	55970.27344	55972.19383	55937.76563	504520.4	5410041.9
L4520.0	0.0	0.0	31105.00000	332.91	0	48.843332	-86.938391	55959.67	56233.1	16.93	55976.60	55968.76953	55966.53738	55932.26172	504520.4	5410041.9
L4520.0	0.0	0.0	31105.09961	331.65	0	48.843344	-86.938391	55958.96	56233.1	16.93	55975.89	55967.76953	55971.51851	55937.39453	504520.3	5410043.1
L4520.0	0.0	0.0	31105.19922	332.95	0	48.843355	-86.938392	55957.75	56233.1	16.93	55974.68	55966.26563	55966.24622	55932.27344	504520.3	5410044.3
L4520.0	0.0	0.0	31105.30078	333.49	0	48.843363	-86.938392	55956.82	56233.1	16.93	55973.75	55965.04688	55966.77716	55932.95313	504520.2	5410045.2
L4520.0	0.0	0.0	31105.40039	334.21	0	48.843373	-86.938393	55955.32	56233.1	16.93	55972.25	55963.25781	55956.38031	55922.71094	504520.2	5410046.3
L4520.0	0.0	0.0	31105.50000	333.45	0	48.843373	-86.938393	55954.48	56233.1	16.93	55971.41	55962.12891	55958.86329	55925.34766	504520.2	5410046.3
L4520.0	0.0	0.0	31105.59961	331.96	0	48.843382	-86.938394	55953.40	56233.1	16.93	55970.33	55960.76172	55956.85040	55923.48828	504520.2	5410047.4
L4520.0	0.0	0.0	31105.69922	330.05	0	48.843394	-86.938394	55952.08	56233.1	16.93	55969.01	55959.15625	55950.64205	55917.43359	504520.1	5410048.7
L4520.0	0.0	0.0	31105.80078	326.36	0	48.843394	-86.938394	55950.96	56233.1	16.93	55967.89	55957.75391	55944.32021	55911.26563	504520.1	5410048.7
L4520.0	0.0	0.0	31105.80078	326.36	0	48.843407	-86.938395	55949.91	56233.1	16.93	55966.84	55956.42188	55943.63248	55910.73828	504520.0	5410050.2
L4520.0	0.0	0.0	31106.00000	320.71	0	48.843422	-86.938396	55949.15	56233.1	16.93	55966.08	55955.38281	55949.91913	55917.18359	504520.0	5410051.8
L4520.0	0.0	0.0	31106.09961	319.17	0	48.843422	-86.938396	55948.01	56233.1	16.93	55964.95	55953.97266	55947.16416	55914.58594	504520.0	5410051.8
L4520.0	0.0	0.0	31106.19922	319.26	0	48.843429	-86.938396	55947.13	56233.1	16.94	55964.06	55952.80859	55950.06684	55917.64844	504519.9	5410052.6
L4520.0	0.0	0.0	31106.30078	318.88	0	48.843439	-86.938397	55945.61	56233.1	16.94	55962.55	55951.02344	55938.32248	55906.06641	504519.9	5410053.7
L4520.0	0.0	0.0	31106.40039	316.68	0	48.843439	-86.938397	55944.52	56233.1	16.95	55961.47	55949.67578	55936.62797	55904.53906	504519.9	5410053.7
L4520.0	0.0	0.0	31106.50000	318.42	0	48.843451	-86.938397	55943.33	56233.1	16.95	55960.28	55948.21484	55932.24180	55900.32031	504519.9	5410055.1
L4520.0	0.0	0.0	31106.59961	319.09	0	48.843460	-86.938398	55942.14	56233	16.95	55959.10	55946.76953	55927.94247	55896.18750	504519.8	5410056.0
L4520.0	0.0	0.0	31106.69922	318.61	0	48.843470	-86.938398	55941.18	56233	16.96	55958.14	55945.54688	55928.68505	55897.09766	504519.8	5410057.2
L4520.0	0.0	0.0	31106.80078	320.21	0	48.843484	-86.938399	55940.14	56233	16.96	55957.11	55944.25781	55927.63099	55896.21875	504519.8	5410058.7
L4520.0	0.0	0.0	31106.90039	322.55	0	48.843484	-86.938399	55939.13	56233	16.97	55956.10	55942.99219	55926.91071	55895.67188	504519.8	5410058.7
L4520.0	0.0	0.0	31107.00000	326.00	0	48.843495	-86.938400	55937.71	56233	16.97	55954.68	55941.31641	55915.85825	55884.79688	504519.7	5410059.9
L4520.0	0.0	0.0	31107.09961	329.28	0	48.843495	-86.938400	55937.04	56233	16.97	55954.01	55940.39844	55923.25649	55892.37500	504519.7	5410059.9
L4520.0	0.0	0.0	31107.19922	330.95	0	48.843508	-86.938400	55935.99	56233	16.98	55952.97	55939.10938	55919.33357	55888.63281	504519.7	5410061.3
L4520.0	0.0	0.0	31107.30078	331.50	0	48.843518	-86.938401	55934.98	56233	16.98	55951.96	55937.85547	55917.22879	55886.71484	504519.6	5410062.5
L4520.0	0.0	0.0	31107.40039	332.90	0	48.843528	-86.938401	55933.67	56233	16.98	55950.65	55936.30859	55909.37383	55879.04688	504519.6	5410063.6
L4520.0	0.0	0.0	31107.50000	333.75	0	48.843528	-86.938401	55932.68	56233	16.99	55949.67	55935.08984	55907.49289	55877.35547	504519.6	5410063.6
L4520.0	0.0	0.0	31107.59961	335.18	0	48.843537	-86.938401	55931.72	56233	16.99	55948.71	55933.89844	55905.91954	55875.97266	504519.6	5410064.6
L4520.0	0.0	0.0	31107.69922	335.19	0	48.843551	-86.938402	55930.38	56233	16.99	55947.37	55932.32813	55896.75841	55867.00391	504519.5	5410066.1
L4520.0	0.0	0.0	31107.80078	334.73	0	48.843561	-86.938402	55929.34	56233	16.99	55946.34	55931.07422	55893.55063	55863.99219	504519.5	5410067.3
L4520.0	0.0	0.0	31107.80078	334.73	0	48.843561	-86.938402	55928.18	56233	16.99	55945.17	55929.68359	55887.39741	55858.04297	504519.5	5410067.3
L4520.0	0.0	0.0	31108.00000	334.38	0	48.843572	-86.938403	55927.29	56233	17.00	55944.29	55928.58984	55887.06868	55857.91406	504519.5	5410068.4
L4520.0	0.0	0.0	31108.09961	335.95	0	48.843572	-86.938403	55926.41	56233	17.00	55943.41	55927.49609	55886.70810	55857.75781	504519.5	5410068.4
L4520.0	0.0	0.0	31108.19922	334.32	0	48.843595	-86.938403	55925.45	56233	17.01	55942.45	55926.32813	55884.62068	55855.87891	504519.4	5410071.1
L4520.0	0.0	0.0	31108.30078	334.54	0	48.843595	-86.938403	55924.64	56233	17.01	55941.65	55925.32813	55885.80690	55857.27344	504519.4	5410071.1
L4520.0	0.0	0.0	31108.40039	334.93	0	48.843608	-86.938404	55923.90	56233	17.02	55940.92	55924.39844	55888.37494	55860.05469	504519.4	5410072.5
L4520.0	0.0	0.0	31108.50000	333.55	0	48.843619	-86.938404	55922.96	56233	17.02	55939.98	55923.26563	55886.37803	55858.27344	504519.4	5410073.7
L4520.0	0.0	0.0	31108.59961	331.84	0	48.843619	-86.938404	55921.96	56233	17.02	55938.98	55922.07813	55882.92471	55855.03906	504519.4	5410073.7
L4520.0	0.0	0.0	31108.69922	331.52	0	48.843634	-86.938404	55920.97	56233	17.03	55938.00	55920.91016	55879.66498	55852.00000	504519.3	5410075.4
L4520.0	0.0	0.0	31108.80078	329.86	0	48.843644	-86.938405	55920.08	56233	17.03	55937.11	55919.84375	55878.05144	55850.60938	504519.3	5410076.5
L4520.0	0.0	0.0	31108.90039	329.94	0	48.843644	-86.938405	55918.87	56233	17.04	55935.90	55918.45703	55869.39884	55842.18359	504519.3	5410076.5
L4520.0	0.0	0.0	31109.00000	329.93	0	48.843657	-86.938406	55917.91	56233	17.04	55934.95	55917.33984	55865.93755	55838.94922	504519.3	5410077.9
L4520.0	0.0	0.0	31109.09961	330.97	0	48.843670	-86.938406	55917.00	56233	17.04	55934.04	55916.26563	55862.99671	55836.24219	504519.2	5410079.4
L4520.0	0.0	0.0	31109.19922	332.45	0	48.843670	-86.938406	55915.98	56233	17.04	55933.03	55915.09375	55857.58158	55831.05859	504519.2	5410079.4
L4520.0	0.0	0.0	31109.30078	334.86	0	48.843683	-86.938407	55915.25	56233	17.05	55932.30	55914.21094	55857.74373	55831.45703	504519.2	5410080.8
L4520.0	0.0	0.0	31109.40039	333.99	0	48.843694	-86.938407	55914.85	56233	17.05	55931.90	55913.66016	55864.58385	55838.53516	504519.1	5410082.0
L4520.0	0.0	0.0	31109.50000	333.60	0	48.843706	-86.938408	55913.98	56232.9	17.05	55931.03	55912.64844	55861.05545	55835.25000	504519.1	5410083.4
L4520.0	0.0	0.0	31109.59961	333.59	0	48.843718	-86.938408	55913.18	56232.9	17.05	55930.23	55911.71094	55858.65343	55833.08984	504519.1	5410084.7
L4520.0	0.0	0.0	31109.69922	334.31	0	48.843718	-86.938408	55912.09	56232.9	17.05	55929.14	55910.48828	55849.62947	55824.31250	504519.1	5410084.7
L4520.0	0.0	0.0	31109.80078	334.82	0	48.843731	-86.938409	55911.43	56232.9	17.06	55928.49	55909.70703	55849.71432	55824.64453	504519.0	5410086.2
L4520.0	0.0	0.0	31109.80078	334.82	0	48.843742	-86.938409	55910.52	56232.9	17.06	55927.58	55908.67578	55843.82739	55819.00781	504519.0	5410087.4
L4520.0	0.0	0.0	31110.00000	334.99	0	48.843755	-86.938409	55909.99	56232.9	17.06	55927.05	55908.03125	55845.84201	55821.27734	504519.0	5410088.9
L4520.0	0.0	0.0	31110.09961	335.88	0	48.843755	-86.938409	55909.03	56232.9	17.06	55926.09	55906.95703	55838.19436	55813.88281	504519.0	5410088.9
L4520.0	504518.9	5410090.0	31110.19922	337.34	0	48.843766	-86.938410	55907.96	56232.9	17.07	55925.03	55905.79297	55828.06770	55804.01172	504518.9	5410090.0
L4520.0	504518.9	5410090.0	31110.30078	336.35	0	48.843766	-86.938410	55907.64	56232.9	17.07	55924.71	55905.37109	55833.74077	55809.94531	504518.9	5410090.0
L4520.0	504518.9	5410091.7	31110.40039	336.38	0	48.843781	-86.938410	55907.04	56232.9	17.07	55924.11	55904.67578	55833.05491	55809.51953	504518.9	5410091.7
L4520.0	504518.9	5410093.1	31110.50000	337.43	0	48.843794	-86.938410	55906.98	56232.9	17.07	55924.05	55904.52734	55843.72313	55820.45313	504518.9	5410093.1
L4520.0	504518.9	5410094.3	31110.59961	336.64	0	48.843804	-86.938410	55906.15	56232.9	17.08	55923.23	55903.62109	55837.75829	55814.75000	504518.9	5410094.3
L4520.0	504518.9	5410094.3	31110.69922	336.38	0	48.843804	-86.938410	55905.64	56232.9	17.08	55922.72	55903.03125	55838.18251	55815.44141	504518.9	5410094.3
L4520.0	504518.9	5410095.6	31110.80078	336.61	0	48.843815	-86.938411	55904.78	56232.9	17.08	55921.86	55902.09766	55831.02933	55808.55859	504518.9	5410095.6
L4520.0	504518.8	5410096.9	31110.90039	335.32	0	48.843827	-86.938411	55904.28	56232.9	17.09	55921.36	55901.53125	55831.23376	55809.03125	504518.8	5410096.9
L4520.0	504518.8	5410098.5	31111.00000	334.25	0	48.843842	-86.938411	55903.46	56232.9	17.09	55920.55	55900.65625	55824.93152	55803.00000	504518.8	5410098.5
L4520.0	504518.8	5410098.5	31111.09961	334.08	0	48.843842	-86.938411	55903.26	56232.9	17.09	55920.36	55900.41016	55830.92671	55809.26953	504518.8	5410098.5
L4520.0	504518.8	5410099.8	31111.19922	332.61	0	48.843854	-86.938411	55902.88	56232.9	17.10	55919.98	55899.97656	55832.72381	55811.33984	504518.8	5410099.8
L4520.0	504518.8	5410101.2	31111.30078	331.17	0	48.843867	-86.938412	55902.48	56232.9	17.10	55919.58	55899.53125	55833.76420	55812.65625	504518.8	5410101.2
L4520.0	504518.8	5410101.2	31111.40039	330.22	0	48.843867	-86.938412	55902.15	56232.9	17.11	55919.26	55899.16797	55835.90923	55815.08203	504518.8	5410101.2
L4520.0	504518.8	5410102.6	31111.50000	328.53	0	48.843879	-86.938412	55901.64	56232.9	17.11	55918.75	55898.62500	55834.13652	55813.58594	504518.8	5410102.6

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4520.0	504518.8	5410104.3	31111.59961	326.44	0	48.843894	-86.938412	55901.52	56232.9	17.11	55918.63	55898.47266	55847.22683	55826.95703	504518.8	5410104.3
L4520.0	504518.8	5410104.3	31111.69922	324.36	0	48.843894	-86.938412	55900.98	56232.9	17.12	55918.10	55897.91797	55842.70935	55822.71875	504518.8	5410104.3
L4520.0	504518.8	5410106.9	31111.80078	324.06	0	48.843917	-86.938412	55900.76	56232.9	17.12	55917.88	55897.67578	55845.21273	55825.50391	504518.8	5410106.9
L4520.0	504518.8	5410106.9	31111.80078	324.06	0	48.843917	-86.938412	55900.23	56232.9	17.12	55917.35	55897.12891	55839.49943	55820.07422	504518.8	5410106.9
L4520.0	504518.7	5410108.3	31112.00000	321.62	0	48.843930	-86.938412	55900.16	56232.9	17.13	55917.29	55897.05859	55844.15420	55825.01172	504518.7	5410108.3
L4520.0	504518.7	5410109.7	31112.09961	321.10	0	48.843943	-86.938412	55899.97	56232.9	17.13	55917.11	55896.87109	55845.05092	55826.19141	504518.7	5410109.7
L4520.0	504518.7	5410109.7	31112.19922	319.41	0	48.843943	-86.938412	55900.08	56232.9	17.14	55917.21	55896.97266	55851.37859	55832.80078	504518.7	5410109.7
L4520.0	504518.7	5410111.3	31112.30078	319.06	0	48.843957	-86.938412	55899.62	56232.9	17.14	55916.76	55896.52734	55844.29701	55826.00391	504518.7	5410111.3
L4520.0	504518.7	5410112.3	31112.40039	317.53	0	48.843966	-86.938412	55899.44	56232.9	17.14	55916.58	55896.35547	55842.36523	55824.35547	504518.7	5410112.3
L4520.0	504518.7	5410112.3	31112.50000	318.68	0	48.843966	-86.938412	55899.44	56232.9	17.14	55916.59	55896.37891	55843.69221	55825.96875	504518.7	5410112.3
L4520.0	504518.7	5410114.1	31112.59961	319.31	0	48.843982	-86.938412	55899.24	56232.9	17.15	55916.39	55896.19531	55839.27775	55821.83984	504518.7	5410114.1
L4520.0	504518.7	5410115.7	31112.69922	319.35	0	48.843997	-86.938412	55899.54	56232.8	17.15	55916.69	55896.51563	55845.12475	55827.96875	504518.7	5410115.7
L4520.0	504518.7	5410117.0	31112.80078	322.34	0	48.844008	-86.938412	55899.70	56232.8	17.15	55916.85	55896.70313	55846.86352	55829.99219	504518.7	5410117.0
L4520.0	504518.7	5410117.0	31112.90039	324.22	0	48.844008	-86.938412	55899.90	56232.8	17.16	55917.06	55896.94531	55848.83494	55832.24609	504518.7	5410117.0
L4520.0	504518.7	5410118.5	31113.00000	323.72	0	48.844022	-86.938412	55899.52	56232.8	17.16	55916.68	55896.60156	55835.77684	55819.47266	504518.7	5410118.5
L4520.0	504518.7	5410118.5	31113.09961	324.54	0	48.844022	-86.938412	55899.72	56232.8	17.16	55916.89	55896.84766	55835.65443	55819.63281	504518.7	5410118.5
L4520.0	504518.7	5410120.3	31113.19922	327.03	0	48.844038	-86.938412	55899.75	56232.8	17.17	55916.91	55896.91406	55829.83806	55814.09766	504518.7	5410120.3
L4520.0	504518.7	5410121.6	31113.30078	327.68	0	48.844050	-86.938412	55899.82	56232.8	17.17	55916.99	55897.03906	55815.22115	55799.76172	504518.7	5410121.6
L4520.0	504518.7	5410122.9	31113.40039	328.79	0	48.844061	-86.938413	55899.80	56232.8	17.17	55916.97	55897.07031	55807.58182	55792.40234	504518.7	5410122.9
L4520.0	504518.7	5410124.3	31113.50000	330.52	0	48.844074	-86.938413	55900.38	56232.8	17.18	55917.55	55897.70703	55810.40935	55795.50781	504518.7	5410124.3
L4520.0	504518.7	5410124.3	31113.59961	331.30	0	48.844074	-86.938413	55900.68	56232.8	17.18	55917.86	55898.07422	55807.71767	55793.09375	504518.7	5410124.3
L4520.0	504518.7	5410126.0	31113.69922	332.60	0	48.844090	-86.938413	55901.01	56232.8	17.18	55918.19	55898.46875	55804.89632	55790.54688	504518.7	5410126.0
L4520.0	504518.7	5410126.0	31113.80078	333.41	0	48.844090	-86.938413	55901.90	56232.8	17.18	55919.08	55899.42188	55812.91010	55798.83594	504518.7	5410126.0
L4520.0	504518.7	5410127.3	31113.80078	333.41	0	48.844102	-86.938413	55902.38	56232.8	17.18	55919.56	55899.97266	55812.43241	55798.62891	504518.7	5410127.3
L4520.0	504518.7	5410128.9	31114.00000	335.75	0	48.844115	-86.938413	55902.48	56232.8	17.19	55919.67	55900.15625	55803.85143	55790.32031	504518.7	5410128.9
L4520.0	504518.7	5410128.9	31114.09961	336.26	0	48.844115	-86.938413	55902.58	56232.8	17.19	55919.77	55900.33203	55794.47012	55781.20703	504518.7	5410128.9
L4520.0	504518.7	5410130.7	31114.19922	337.77	0	48.844131	-86.938413	55903.26	56232.8	17.19	55920.45	55901.08984	55796.97307	55783.97656	504518.7	5410130.7
L4520.0	504518.7	5410132.4	31114.30078	338.69	0	48.844147	-86.938413	55903.72	56232.8	17.19	55920.91	55901.63281	55794.42970	55781.69531	504518.7	5410132.4
L4520.0	504518.7	5410132.4	31114.40039	338.82	0	48.844147	-86.938413	55904.25	56232.8	17.19	55921.44	55902.24609	55793.01973	55780.54688	504518.7	5410132.4
L4520.0	504518.7	5410133.6	31114.50000	337.86	0	48.844157	-86.938413	55905.01	56232.8	17.19	55922.20	55903.09375	55796.23109	55784.01953	504518.7	5410133.6
L4520.0	504518.7	5410135.1	31114.59961	337.58	0	48.844171	-86.938413	55905.67	56232.8	17.20	55922.86	55903.84375	55796.88103	55784.92578	504518.7	5410135.1
L4520.0	504518.7	5410136.7	31114.69922	337.08	0	48.844185	-86.938412	55906.53	56232.8	17.20	55923.72	55904.79688	55801.46954	55789.76953	504518.7	5410136.7
L4520.0	504518.7	5410136.7	31114.80078	336.91	0	48.844185	-86.938412	55906.88	56232.8	17.20	55924.08	55905.25000	55794.77299	55783.32422	504518.7	5410136.7
L4520.0	504518.7	5410138.1	31114.90039	336.06	0	48.844198	-86.938412	55907.74	56232.8	17.20	55924.94	55906.21094	55798.46059	55787.26172	504518.7	5410138.1
L4520.0	504518.7	5410139.6	31115.00000	334.73	0	48.844212	-86.938412	55908.40	56232.8	17.20	55925.60	55906.96875	55797.35310	55786.39844	504518.7	5410139.6
L4520.0	504518.7	5410139.6	31115.09961	334.20	0	48.844212	-86.938412	55909.41	56232.8	17.20	55926.61	55908.08203	55803.18691	55792.47656	504518.7	5410139.6
L4520.0	504518.8	5410141.4	31115.19922	333.05	0	48.844228	-86.938412	55910.17	56232.8	17.21	55927.37	55908.94531	55803.13784	55792.66797	504518.8	5410141.4
L4520.0	504518.8	5410141.4	31115.30078	333.31	0	48.844228	-86.938412	55911.18	56232.8	17.21	55928.39	55910.07031	55807.94294	55797.70703	504518.8	5410141.4
L4520.0	504518.8	5410143.1	31115.40039	331.77	0	48.844244	-86.938411	55912.20	56232.8	17.21	55929.41	55911.19531	55812.06476	55802.06250	504518.8	5410143.1
L4520.0	504518.8	5410144.5	31115.50000	330.58	0	48.844256	-86.938411	55913.36	56232.8	17.22	55930.57	55912.46484	55818.34184	55808.57031	504518.8	5410144.5
L4520.0	504518.9	5410145.9	31115.59961	329.90	0	48.844269	-86.938410	55914.34	56232.8	17.22	55931.56	55913.56641	55820.40546	55810.85938	504518.9	5410145.9
L4520.0	504518.9	5410145.9	31115.69922	329.81	0	48.844269	-86.938410	55915.25	56232.8	17.22	55932.48	55914.59766	55820.33528	55811.00781	504518.9	5410145.9
L4520.0	504518.9	5410147.7	31115.80078	329.41	0	48.844285	-86.938409	55916.64	56232.8	17.22	55933.87	55916.10156	55828.90340	55819.79688	504518.9	5410147.7
L4520.0	504519.0	5410149.4	31115.80078	329.41	0	48.844300	-86.938409	55917.61	56232.8	17.22	55934.83	55917.17578	55828.07984	55819.18750	504519.0	5410149.4
L4520.0	504519.0	5410149.4	31116.00000	327.43	0	48.844300	-86.938409	55918.89	56232.8	17.23	55936.13	55918.58984	55833.19926	55824.51563	504519.0	5410149.4
L4520.0	504519.0	5410150.8	31116.09961	327.54	0	48.844312	-86.938408	55919.83	56232.8	17.23	55937.06	55919.63672	55830.21522	55821.73828	504519.0	5410150.8
L4520.0	504519.1	5410152.6	31116.19922	328.30	0	48.844329	-86.938407	55921.42	56232.8	17.23	55938.65	55921.34766	55839.49945	55831.22656	504519.1	5410152.6
L4520.0	504519.1	5410152.6	31116.30078	329.34	0	48.844329	-86.938407	55922.79	56232.8	17.23	55940.02	55922.83594	55843.70133	55835.62500	504519.1	5410152.6
L4520.0	504519.1	5410152.6	31116.40039	330.08	0	48.844329	-86.938407	55924.28	56232.8	17.23	55941.51	55924.44531	55849.57653	55841.69531	504519.1	5410152.6
L4520.0	504519.2	5410154.8	31116.50000	329.86	0	48.844348	-86.938406	55925.70	56232.8	17.23	55942.93	55925.98438	55853.39699	55845.70703	504519.2	5410154.8
L4520.0	504519.3	5410156.5	31116.59961	330.60	0	48.844364	-86.938405	55926.86	56232.8	17.23	55944.09	55927.26172	55851.35903	55843.85547	504519.3	5410156.5
L4520.0	504519.3	5410157.8	31116.69922	331.52	0	48.844375	-86.938404	55928.25	56232.8	17.23	55945.48	55928.77344	55853.29962	55845.97656	504519.3	5410157.8
L4520.0	504519.3	5410157.8	31116.80078	333.66	0	48.844375	-86.938404	55929.52	56232.8	17.23	55946.75	55930.16406	55852.20065	55845.05078	504519.3	5410157.8
L4520.0	504519.4	5410159.5	31116.90039	335.22	0	48.844391	-86.938403	55931.46	56232.8	17.23	55948.70	55932.23828	55864.48075	55857.50391	504519.4	5410159.5
L4520.0	504519.5	5410161.0	31117.00000	335.99	0	48.844404	-86.938402	55932.91	56232.8	17.23	55950.14	55933.79688	55865.82913	55859.02344	504519.5	5410161.0
L4520.0	504519.5	5410161.0	31117.09961	336.20	0	48.844404	-86.938402	55934.25	56232.8	17.23	55951.48	55935.26172	55864.58418	55857.94141	504519.5	5410161.0
L4520.0	504519.5	5410162.9	31117.19922	336.79	0	48.844421	-86.938401	55935.84	56232.8	17.24	55953.08	55936.98047	55868.30111	55861.81641	504519.5	5410162.9
L4520.0	504519.6	5410164.4	31117.30078	337.14	0	48.844435	-86.938400	55937.41	56232.8	17.24	55954.65	55938.67188	55870.97112	55864.64063	504519.6	5410164.4
L4520.0	504519.6	5410164.4	31117.40039	335.51	0	48.844435	-86.938400	55938.52	56232.8	17.25	55955.77	55939.91406	55863.65950	55857.47656	504519.6	5410164.4
L4520.0	504519.6	5410165.8	31117.50000	334.45	0	48.844448	-86.938400	55940.24	56232.8	17.25	55957.49	55941.75781	55868.71432	55862.67578	504519.6	5410165.8
L4520.0	504519.7	5410167.4	31117.59961	334.71	0	48.844462	-86.938399	55941.66	56232.7	17.25	55958.91	55943.29688	55867.02596	55861.12891	504519.7	5410167.4
L4520.0	504519.7	5410167.4	31117.69922	334.72	0	48.844462	-86.938399	55943.23	56232.7	17.26	55960.49	55944.99609	55868.46812	55862.70703	504519.7	5410167.4
L4520.0	504519.7	5410169.2	31117.80078	336.10	0	48.844478	-86.938398	55945.02	56232.7	17.26	55962.28	55946.90625	55874.15547	55868.52344	504519.7	5410169.2
L4520.0	504519.7	5410169.2	31117.80078	336.10	0	48.844478	-86.938398	55946.87	56232.7	17.26	55964.13	55948.87891	55880.88302	55875.37891	504519.7	5410169.2
L4520.0	504519.8	5410170.8	31118.00000	336.42	0	48.844493	-86.938398	55948.64	56232.7	17.27	55965.91	55950.77734	55885.87084	55880.48828	504519.8	5410170.8
L4520.0	504519.8	5410172.4	31118.09961	335.65	0	48.844507	-86.938397	55950.24	56232.7	17.27	55967.51	55952.49609	55886.86443	55881.59766	504519.8	5410172.4
L4520.0	504519.8	5410173.8	31118.19922	334.98	0	48.844520	-86.938397	55952.16	56232.7	17.27	55969.43	55954.53125	55894.33752	55889.18359	504519.8	5410173.8
L4520.0	504519.8	5410173.8	31118.30078	334.73	0	48.844520	-86.938397	55953.57	56232.7	17.27	55970.85	55956.07031	55891.37299	55886.32422	504519.8	5410173.8
L4520.0	504519.9	5410175.7	31118.40039	332.51	0	48.844536	-86.938396	55955.42	56232.7	17.27	55972.69	55958.02344	55896.81152	55891.86328	504519.9	5410175.7
L4520.0	504519.9	5410177.1	31118.50000	333.23	0	48.844549	-86.938396	55957.22	56232.7	17.27	55974.49	55959.94141	55901.20122	55896.35156	504519.9	5410177.1
L4520.0	504519.9	5410177.1	31118.59961	333.07	0	48.844549	-86.938396	55959.12	56232.7	17.28	55976.39	55961.95313	55907.24362	55902.48828	504519.9	5410177.1
L4520.0	504519.9	5410179.0	31118.69922	331.42	0	48.844566	-86.938395	55961.06	56232.7	17.28	55978.34	55964.01563	55913.85695	55909.18750	504519.9	5410179.0
L4520.0	504519.9	5410180.4	31118.80078	330.79	0	48.844578	-86.938395	55963.11	56232.7	17.28	55980.39	55966.17969	55921.85118	55917.26563	504519.9	5410180.4
L4520.0	504520.0	5410182.0	31118.90039	329.77	0	48.844593	-86.938395	55965.01	56232.7	17.28	55982.29	55968.19141	55930.22549	55925.71875	504520.0	5410182.0
L4520.0	504520.0	5410182.0	31119.00000	327.16	0	48.844593	-86.938395	55966.96	56232.7	17.28	55984.24	55970.25000	55935.42176	55930.99219	504520.0	5410182.0
L4520.0	504520.0	5410184.0	31119.09961	325.68	0	48.844611	-86.938394	55969.13	56232.7	17.28	55986.41	55972.53125	55945.30325	55940.94141	504520.0	5410184.0
L4520.0	504520.0	5410184.0	31119.19922	323.06	0	48.844611	-86.938394	55970.82	56232.7	17.28	55988.11	55974.33594	55943.51735	55939.21875	504520.0	5410184.0
L4520.0	504520.0	5410185.6	31119.30078	320.33	0	48.844625	-86.938394	55973.00	56232.7	17.28	55990.28	55976.61328	55952.15888	55947.92188	504520.0	5410185.6
L4520.0	504520.0	5410187.0	31119.40039	319.21	0	48.844638	-86.938394	55975.00	56232.7	17.28	55992.28	55978.71875	55956.35195	55952.17188	504520.0	5410187.0
L4520.0	504520.0	5410187.0	31119.50000	317.17	0	48.844638	-86.938394	55976.85	56232.7	17.29	55994.13	55980.67188	55956.78657	55952.65625	504520.0	5410187.0
L4520.0	504520.1	5410188.8	31119.59961	315.06	0	48.844654	-86.938393	55978.89	56232.7	17.29	55996.18	55982.82813	55961.16783	55957.08594	504520.1	5410188.8
L4520.0	504520.1	5410190.4	31119.69922	314.67	0	48.844668	-86.938393	55980.92	56232.7	17.29	55998.21	55984.95703	55964.66322	55960.62109	504520.1	5410190.4
L4520.0	504520.1	5410191.9	31119.80078	315.76	0	48.844682	-86.938393	55982.99	56232.7	17.29	56000.28	55987.12891	55968.59780	55964.59375	504520.1	5410191.9
L4520.0	504520.1	5410191.9	31119.80078	315.76	0	48.844682	-86.938393	55984.99	56232.7	17.29	56002.28	55989.22656	55970.64768	55966.67969	504520.1	5410191.9
L4520.0	504520.1	5410193.9	31120.00000	317.57	0	48.844700	-86.938393	55987.12	56232.7	17.29	56004.41	55991.45313	55975.15825	55971.21875	504520.1	5410193.9
L4520.0	504520.1	5410193.9	31120.09961	318.52	0	48.844700	-86.938393	55988.91	56232.7	17.29	56006.20	55993.33984	55971.91522	55968.00391	504520.1	5410193.9
L4520.0	504520.1	5410195.1	31120.19922	320.84	0	48.844711	-86.938393	55991.06	56232.7	17.29	56008.35	55995.58594	55976.25010	55972.35938	504520.1	5410195.1
L4520.0	504520.1	5410197.0	31120.30078	323.10	0	48.844728	-86.938392	55993.36	56232.7	17.29	56010.65	55997.98047	55983.83006	55979.95313	504520.1	5410197.0
L4520.0	504520.1	5410197.0	31120.40039	324.77	0	48.844728	-86.938392	55995.29	56232.7	17.29	56012.58	56000.00000	55982.76636	55978.90625	504520.1	5410197.0
L4520.0	504520.1	5410198.7	31120.50000	325.88	0	48.844744	-86.938392	55997.14	56232.7	17.29	56014.43	56001.94141	55979.41954	55975.57031	504520.1	5410198.7
L4520.0	504520.1	5410199.6	31120.59961	326.20	0	48.844752	-86.938392	55999.46	56232.7	17.29	56016.75	56004.35156	55987.25637	55983.41406	504520.1	5410199.6
L4520.0	504520.1	5410201.0	31120.69922	327.56	0	48.844764	-86.938392	56001.56	56232.7	17.29	56018.85	56006.53906	55990.15946	55986.31641	504520.1	5410201.0
L4520.0	504520.2	5410202.5	31120.80078	330.50	0	48.844778	-86.938392	56003.73	56232.7	17.29	56021.02	56008.79688	55994.18492	55990.33984	504520.2	5410202.5

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4520.0	504520.2	5410202.5	31120.90039	331.58	0	48.844778	-86.938392	56006.09	56232.7	17.29	56023.38	56011.24219	56001.87048	55998.01953	504520.2	5410202.5
L4520.0	504520.2	5410203.7	31121.00000	333.45	0	48.844789	-86.938392	56007.93	56232.7	17.29	56025.22	56013.16406	55999.87745	55996.01953	504520.2	5410203.7
L4520.0	504520.2	5410203.7	31121.09961	334.43	0	48.844789	-86.938392	56010.26	56232.7	17.29	56027.55	56015.57813	56007.32891	56003.45703	504520.2	5410203.7
L4520.0	504520.2	5410205.6	31121.19922	335.64	0	48.844805	-86.938392	56012.23	56232.7	17.29	56029.52	56017.62891	56007.85522	56003.96875	504520.2	5410205.6
L4520.0	504520.2	5410206.8	31121.30078	335.17	0	48.844816	-86.938392	56014.66	56232.7	17.29	56031.96	56020.14844	56017.91560	56014.00781	504520.2	5410206.8
L4520.0	504520.2	5410208.3	31121.40039	335.63	0	48.844830	-86.938392	56016.73	56232.7	17.29	56034.03	56022.29688	56020.65076	56016.72266	504520.2	5410208.3
L4520.0	504520.2	5410209.6	31121.50000	336.92	0	48.844842	-86.938392	56018.64	56232.7	17.30	56035.93	56024.27344	56019.94388	56015.99219	504520.2	5410209.6
L4520.0	504520.2	5410209.6	31121.59961	336.01	0	48.844842	-86.938392	56020.43	56232.7	17.30	56037.72	56026.14063	56017.01184	56013.03125	504520.2	5410209.6
L4520.0	504520.2	5410211.1	31121.69922	336.11	0	48.844855	-86.938391	56022.81	56232.7	17.30	56040.11	56028.60547	56026.57331	56022.55859	504520.2	5410211.1
L4520.0	504520.2	5410211.1	31121.80078	336.06	0	48.844855	-86.938391	56024.88	56232.7	17.30	56042.18	56030.74609	56029.59089	56025.54297	504520.2	5410211.1
L4520.0	504520.2	5410213.1	31121.80078	336.06	0	48.844873	-86.938391	56026.98	56232.7	17.30	56044.28	56032.91797	56033.28740	56029.20313	504520.2	5410213.1
L4520.0	504520.2	5410214.8	31122.00000	334.33	0	48.844888	-86.938391	56029.18	56232.7	17.30	56046.48	56035.19141	56039.03352	56034.91016	504520.2	5410214.8
L4520.0	504520.2	5410216.3	31122.09961	334.48	0	48.844902	-86.938391	56031.00	56232.7	17.30	56048.31	56037.08984	56037.45673	56033.29297	504520.2	5410216.3
L4520.0	504520.2	5410216.3	31122.19922	333.20	0	48.844902	-86.938391	56033.40	56232.7	17.30	56050.70	56039.54688	56046.90977	56042.69922	504520.2	5410216.3
L4520.0	504520.2	5410218.2	31122.30078	332.13	0	48.844919	-86.938391	56035.53	56232.7	17.30	56052.83	56041.74609	56051.21906	56046.96094	504520.2	5410218.2
L4520.0	504520.2	5410219.9	31122.40039	331.66	0	48.844934	-86.938391	56037.43	56232.7	17.30	56054.73	56043.71094	56051.26542	56046.96094	504520.2	5410219.9
L4520.0	504520.2	5410221.4	31122.50000	331.34	0	48.844947	-86.938391	56039.20	56232.7	17.31	56056.50	56045.54688	56049.16513	56044.80859	504520.2	5410221.4
L4520.0	504520.2	5410221.4	31122.59961	329.37	0	48.844947	-86.938391	56041.39	56232.7	17.31	56058.70	56047.81250	56049.43846	56045.02734	504520.2	5410221.4
L4520.0	504520.2	5410223.1	31122.69922	326.51	0	48.844963	-86.938391	56043.81	56232.7	17.31	56061.11	56050.28516	56061.16277	56056.69531	504520.2	5410223.1
L4520.0	504520.2	5410223.1	31122.80078	324.91	0	48.844963	-86.938391	56045.80	56232.7	17.31	56063.10	56052.33594	56062.58813	56058.06250	504520.2	5410223.1
L4520.0	504520.2	5410224.8	31122.90039	320.99	0	48.844978	-86.938391	56047.90	56232.7	17.31	56065.21	56054.50781	56066.96625	56062.38281	504520.2	5410224.8
L4520.0	504520.2	5410226.6	31123.00000	318.90	0	48.844995	-86.938392	56049.92	56232.7	17.31	56067.23	56056.58984	56069.36825	56064.72656	504520.2	5410226.6
L4520.0	504520.2	5410228.1	31123.09961	316.88	0	48.845008	-86.938392	56052.05	56232.7	17.31	56069.36	56058.78125	56074.35375	56069.64844	504520.2	5410228.1
L4520.0	504520.2	5410228.1	31123.19922	316.79	0	48.845008	-86.938392	56054.25	56232.7	17.31	56071.56	56061.03906	56080.94558	56076.17188	504520.2	5410228.1
L4520.0	504520.2	5410229.7	31123.30078	315.31	0	48.845022	-86.938392	56056.27	56232.7	17.32	56073.59	56063.12500	56083.97891	56079.14063	504520.2	5410229.7
L4520.0	504520.1	5410231.4	31123.40039	315.85	0	48.845037	-86.938392	56058.19	56232.7	17.32	56075.51	56065.10156	56084.87524	56079.96875	504520.1	5410231.4
L4520.0	504520.1	5410233.2	31123.50000	315.45	0	48.845054	-86.938392	56059.94	56232.7	17.32	56077.26	56066.91016	56082.37889	56077.40625	504520.1	5410233.2
L4520.0	504520.1	5410233.2	31123.59961	317.31	0	48.845054	-86.938392	56062.14	56232.7	17.32	56079.46	56069.16406	56089.75005	56084.70703	504520.1	5410233.2
L4520.0	504520.2	5410234.9	31123.69922	318.35	0	48.845069	-86.938392	56064.02	56232.7	17.32	56081.34	56071.10156	56090.51049	56085.39844	504520.2	5410234.9
L4520.0	504520.2	5410236.7	31123.80078	320.50	0	48.845085	-86.938391	56065.93	56232.7	17.33	56083.26	56073.07422	56092.37200	56087.18750	504520.2	5410236.7
L4520.0	504520.2	5410238.2	31123.80078	320.50	0	48.845098	-86.938391	56067.42	56232.7	17.33	56084.75	56074.61719	56084.82461	56079.56641	504520.2	5410238.2
L4520.0	504520.2	5410238.2	31124.00000	322.35	0	48.845098	-86.938391	56069.73	56232.7	17.33	56087.06	56076.98047	56095.93727	56090.60938	504520.2	5410238.2
L4520.0	504520.2	5410240.1	31124.09961	323.72	0	48.845116	-86.938391	56071.57	56232.7	17.33	56088.90	56078.87500	56096.68146	56091.27734	504520.2	5410240.1
L4520.0	504520.2	5410240.1	31124.19922	326.61	0	48.845116	-86.938391	56073.70	56232.7	17.33	56091.03	56081.05469	56104.65101	56099.17188	504520.2	5410240.1
L4520.0	504520.2	5410241.4	31124.30078	326.50	0	48.845128	-86.938391	56075.52	56232.7	17.33	56092.85	56082.92969	56105.49525	56099.94141	504520.2	5410241.4
L4520.0	504520.2	5410242.9	31124.40039	328.44	0	48.845141	-86.938391	56077.49	56232.7	17.33	56094.82	56084.94922	56113.09929	56107.46875	504520.2	5410242.9
L4520.0	504520.2	5410244.4	31124.50000	330.01	0	48.845155	-86.938391	56079.16	56232.7	17.33	56096.49	56086.66797	56112.18567	56106.48047	504520.2	5410244.4
L4520.0	504520.2	5410244.4	31124.59961	332.94	0	48.845155	-86.938391	56080.84	56232.7	17.33	56098.17	56088.39844	56111.45330	56105.67188	504520.2	5410244.4
L4520.0	504520.2	5410246.1	31124.69922	334.13	0	48.845170	-86.938391	56082.88	56232.7	17.33	56100.21	56090.48828	56117.72814	56111.86719	504520.2	5410246.1
L4520.0	504520.2	5410248.1	31124.80078	334.35	0	48.845187	-86.938390	56084.57	56232.7	17.33	56101.90	56092.23047	56117.41808	56111.48047	504520.2	5410248.1
L4520.0	504520.3	5410249.3	31124.90039	334.55	0	48.845198	-86.938390	56086.38	56232.7	17.33	56103.71	56094.08984	56119.60869	56113.59766	504520.3	5410249.3
L4520.0	504520.3	5410249.3	31125.00000	335.75	0	48.845198	-86.938390	56088.34	56232.7	17.33	56105.67	56096.09766	56125.08351	56118.99609	504520.3	5410249.3
L4520.0	504520.3	5410250.7	31125.09961	336.26	0	48.845211	-86.938390	56090.26	56232.7	17.33	56107.60	56098.07422	56130.21763	56124.05469	504520.3	5410250.7
L4520.0	504520.3	5410253.0	31125.19922	335.92	0	48.845232	-86.938390	56092.04	56232.7	17.34	56109.38	56099.90234	56132.40560	56126.16406	504520.3	5410253.0
L4520.0	504520.3	5410253.0	31125.30078	336.56	0	48.845232	-86.938390	56093.96	56232.7	17.34	56111.30	56101.87109	56137.76714	56131.44922	504520.3	5410253.0
L4520.0	504520.3	5410254.2	31125.40039	336.55	0	48.845243	-86.938390	56095.64	56232.7	17.34	56112.98	56103.60156	56138.12671	56131.73438	504520.3	5410254.2
L4520.0	504520.3	5410255.6	31125.50000	336.74	0	48.845256	-86.938390	56097.35	56232.7	17.35	56114.70	56105.36719	56139.48798	56133.01953	504520.3	5410255.6
L4520.0	504520.3	5410255.6	31125.59961	333.59	0	48.845256	-86.938390	56099.20	56232.7	17.35	56116.54	56107.25391	56143.61280	56137.07031	504520.3	5410255.6
L4520.0	504520.3	5410257.6	31125.69922	334.22	0	48.845273	-86.938390	56100.82	56232.6	17.35	56118.17	56108.93359	56143.30956	56136.69141	504520.3	5410257.6
L4520.0	504520.2	5410259.0	31125.80078	333.36	0	48.845286	-86.938390	56102.46	56232.6	17.35	56119.81	56110.62109	56143.39094	56136.69922	504520.2	5410259.0
L4520.0	504520.2	5410259.0	31125.80078	333.36	0	48.845286	-86.938390	56104.25	56232.6	17.35	56121.60	56112.45703	56146.87580	56140.11328	504520.2	5410259.0
L4520.0	504520.2	5410260.5	31126.00000	335.87	0	48.845299	-86.938391	56105.75	56232.6	17.36	56123.11	56114.01563	56144.54879	56137.71484	504520.2	5410260.5
L4520.0	504520.2	5410262.0	31126.09961	335.20	0	48.845313	-86.938391	56107.68	56232.6	17.36	56125.04	56115.99219	56151.29525	56144.39063	504520.2	5410262.0
L4520.0	504520.2	5410262.0	31126.19922	335.99	0	48.845313	-86.938391	56109.19	56232.6	17.36	56126.55	56117.54688	56149.40807	56142.42969	504520.2	5410262.0
L4520.0	504520.2	5410263.6	31126.30078	335.88	0	48.845327	-86.938391	56110.66	56232.6	17.36	56128.02	56119.06641	56147.00192	56139.95313	504520.2	5410263.6
L4520.0	504520.2	5410265.1	31126.40039	336.47	0	48.845341	-86.938391	56112.85	56232.6	17.36	56130.22	56121.31250	56159.53040	56152.41406	504520.2	5410265.1
L4520.0	504520.1	5410266.6	31126.50000	334.11	0	48.845354	-86.938391	56113.92	56232.6	17.37	56131.28	56122.41797	56149.46527	56142.28125	504520.1	5410266.6
L4520.0	504520.1	5410268.2	31126.59961	331.04	0	48.845368	-86.938392	56115.74	56232.6	17.37	56133.11	56124.29688	56154.90046	56147.65234	504520.1	5410268.2
L4520.0	504520.1	5410268.2	31126.69922	329.64	0	48.845368	-86.938392	56117.48	56232.6	17.37	56134.85	56126.08203	56158.71620	56151.40234	504520.1	5410268.2
L4520.0	504520.1	5410270.2	31126.80078	327.24	0	48.845387	-86.938392	56119.38	56232.6	17.37	56136.75	56128.03125	56165.68984	56158.30859	504520.1	5410270.2
L4520.0	504520.1	5410271.8	31126.90039	325.67	0	48.845400	-86.938392	56120.85	56232.6	17.37	56138.22	56129.54688	56164.76768	56157.32422	504520.1	5410271.8
L4520.0	504520.1	5410273.2	31127.00000	324.31	0	48.845414	-86.938392	56121.93	56232.6	17.37	56139.30	56130.67578	56156.99723	56149.49609	504520.1	5410273.2
L4520.0	504520.1	5410273.2	31127.09961	322.66	0	48.845414	-86.938392	56123.79	56232.6	17.37	56141.16	56132.58203	56163.76184	56156.19922	504520.1	5410273.2
L4520.0	504520.1	5410274.8	31127.19922	322.15	0	48.845428	-86.938392	56125.38	56232.6	17.37	56142.75	56134.21875	56165.78313	56158.16016	504520.1	5410274.8
L4520.0	504520.1	5410274.8	31127.30078	323.31	0	48.845428	-86.938392	56127.40	56232.6	17.37	56144.77	56136.28516	56176.25311	56168.57422	504520.1	5410274.8
L4520.0	504520.0	5410276.1	31127.40039	322.64	0	48.845439	-86.938393	56128.72	56232.6	17.37	56146.09	56137.65234	56172.11560	56164.37891	504520.0	5410276.1
L4520.0	504520.0	5410277.8	31127.50000	323.64	0	48.845455	-86.938393	56130.06	56232.6	17.38	56147.43	56139.03906	56168.86156	56161.07422	504520.0	5410277.8
L4520.0	504520.0	5410279.1	31127.59961	324.08	0	48.845466	-86.938393	56131.55	56232.6	17.38	56148.92	56140.57813	56169.65459	56161.81250	504520.0	5410279.1
L4520.0	504520.0	5410280.6	31127.69922	325.32	0	48.845480	-86.938394	56133.37	56232.6	17.38	56150.74	56142.44531	56178.74302	56170.84766	504520.0	5410280.6
L4520.0	504520.0	5410280.6	31127.80078	327.37	0	48.845480	-86.938394	56134.86	56232.6	17.38	56152.24	56143.99219	56180.26844	56172.32422	504520.0	5410280.6
L4520.0	504519.9	5410282.5	31127.80078	327.37	0	48.845497	-86.938394	56136.18	56232.6	17.38	56153.55	56145.35156	56177.54828	56169.55859	504519.9	5410282.5
L4520.0	504519.9	5410284.0	31128.00000	329.47	0	48.845510	-86.938394	56137.65	56232.6	17.38	56155.03	56146.87891	56179.21816	56171.17969	504519.9	5410284.0
L4520.0	504519.9	5410284.0	31128.09961	330.37	0	48.845510	-86.938394	56138.79	56232.6	17.38	56156.17	56148.06641	56173.13591	56165.05469	504519.9	5410284.0
L4520.0	504519.9	5410285.7	31128.19922	329.78	0	48.845526	-86.938395	56140.61	56232.6	17.38	56157.99	56149.33359	56183.43911	56175.31641	504519.9	5410285.7
L4520.0	504519.9	5410287.2	31128.30078	329.62	0	48.845539	-86.938395	56141.66	56232.6	17.39	56159.05	56151.04297	56176.05747	56167.89063	504519.9	5410287.2
L4520.0	504519.9	5410288.5	31128.40039	328.41	0	48.845552	-86.938395	56143.59	56232.6	17.39	56160.98	56153.01953	56189.52994	56181.32422	504519.9	5410288.5
L4520.0	504519.9	5410288.5	31128.50000	326.12	0	48.845552	-86.938395	56144.55	56232.6	17.39	56161.94	56154.02734	56180.30659	56172.06641	504519.9	5410288.5
L4520.0	504519.9	5410290.6	31128.59961	325.13	0	48.845570	-86.938395	56146.12	56232.6	17.39	56163.51	56155.64844	56185.82227	56177.54688	504519.9	5410290.6
L4520.0	504519.9	5410291.8	31128.69922	322.04	0	48.845581	-86.938395	56147.50	56232.6	17.39	56164.90	56157.08594	56187.32837	56179.01953	504519.9	5410291.8
L4520.0	504519.8	5410293.5	31128.80078	319.88	0	48.845596	-86.938395	56148.70	56232.6	17.40	56166.10	56158.33594	56184.51666	56176.17578	504519.8	5410293.5
L4520.0	504519.8	5410294.9	31128.90039	319.73	0	48.845609	-86.938395	56150.27	56232.6	17.40	56167.67	56159.95313	56190.89875	56182.52734	504519.8	5410294.9
L4520.0	504519.8	5410294.9	31129.00000	320.31	0	48.845609	-86.938395	56151.81	56232.6	17.40	56169.21	56161.54297	56196.87076	56188.47266	504519.8	5410294.9
L4520.0	504519.8	5410296.3	31129.09961	320.81	0	48.845622	-86.938395	56153.61	56232.6	17.40	56171.01	56163.39063	56209.56166	56201.13672	504519.8	5410296.3
L4520.0	504519.8	5410297.8	31129.19922	323.17	0	48.845635	-86.938395	56154.64	56232.6	17.41	56172.06	56164.49219	56204.03527	56195.58594	504519.8	5410297.8
L4520.0	504519.8	5410299.0	31129.30078	324.16	0	48.845645	-86.938395	56156.06	56232.6	17.42	56173.47	56165.94922	56207.64302	56199.17188	504519.8	5410299.0
L4520.0	504519.8	5410299.0	31129.40039	326.16	0	48.845645	-86.938395	56157.07	56232.6	17.42	56174.49	56167.01953	56201.72222	56193.23047	504519.8	5410299.0
L4520.0	504519.8	5410300.4	31129.50000	328.02	0	48.845658	-86.938395	56158.52	56232.6	17.42	56175.94	56168.51953	56206.82571	56198.31641	504519.8	5410300.4
L4520.0	504519.8	5410302.1	31129.59961	328.79	0	48.845673	-86.938395	56159.78	56232.6	17.43	56177.21	56169.83984	56207.64753	56199.12500	504519.8	5410302.1
L4520.0	504519.8	5410303.6	31129.69922	330.63	0	48.845687	-86.938396	56160.99	56232.6	17.43	56178.43	56171.10938	56210.05208	56201.51563	504519.8	5410303.6
L4520.0	504519.8	5410305.2	31129.80078	332.37	0	48.845701	-86.938396	56162.86	56232.6	17.44	56180.30	56173.03125	56222.22402	56213.67188	504519.8	5410305.2
L4520.0	504519.8	5410305.2	31129.80078	332.37	0	48.845701	-86.938396	56163.52	56232.6	17.44	56180.96	56173.73828	56212.86522	56204.30469	504519.8	5410305.2
L4520.0	504519.8	5410306.7	31129.90039	333.89	0	48.845715	-86.938396	56164.92	56232.6	17.44	56182.36	56175.19141	56216.93188	56208.36328	504519.8	5410306.7
L4520.0	504519.8	5410308.2	31130.00000	333.55	0	48.845729	-86.938396	56166.03	56232.6	17.45	56183.48	56176.35938	56216.05655	56207.48438	504519.8	5410308.2

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4520.0	504519.8	5410308.2	31130.09961	334.07	0	48.845729	-86.938396	56167.34	56232.5	17.45	56184.79	56177.72266	56218.73046	56210.15234	504519.8	5410308.2
L4520.0	504519.8	5410310.1	31130.30078	333.16	0	48.845745	-86.938396	56168.35	56232.5	17.46	56185.81	56178.79297	56216.21920	56207.64063	504519.8	5410310.1
L4520.0	504519.8	5410311.7	31130.40039	327.49	0	48.845760	-86.938396	56169.90	56232.5	17.46	56187.36	56180.39453	56223.40554	56214.82813	504519.8	5410311.7
L4520.0	504519.8	5410311.7	31130.50000	325.67	0	48.845760	-86.938396	56170.73	56232.5	17.46	56188.19	56181.27344	56217.62156	56209.04688	504519.8	5410311.7
L4520.0	504519.8	5410313.6	31130.59961	325.81	0	48.845777	-86.938396	56171.84	56232.5	17.47	56189.31	56182.44531	56217.19662	56208.62500	504519.8	5410313.6
L4520.0	504519.8	5410315.1	31130.69922	326.81	0	48.845791	-86.938396	56173.25	56232.5	17.47	56190.72	56183.90625	56218.95609	56210.39063	504519.8	5410315.1
L4520.0	504519.8	5410316.5	31130.80078	324.53	0	48.845803	-86.938396	56173.96	56232.5	17.47	56191.44	56184.67969	56208.27952	56199.72266	504519.8	5410316.5
L4520.0	504519.8	5410316.5	31130.90039	324.95	0	48.845803	-86.938396	56175.72	56232.5	17.48	56193.20	56186.48828	56223.88555	56215.33984	504519.8	5410316.5
L4520.0	504519.8	5410318.0	31131.00000	324.91	0	48.845817	-86.938396	56176.93	56232.5	17.48	56194.41	56187.75000	56225.85150	56217.31641	504519.8	5410318.0
L4520.0	504519.8	5410318.0	31131.09961	325.33	0	48.845817	-86.938396	56178.09	56232.5	17.48	56195.58	56188.97266	56227.03596	56218.51563	504519.8	5410318.0
L4520.0	504519.8	5410321.2	31131.19922	325.19	0	48.845845	-86.938395	56178.82	56232.5	17.49	56196.31	56189.75391	56217.94668	56209.44531	504519.8	5410321.2
L4520.0	504519.8	5410321.2	31131.30078	324.24	0	48.845845	-86.938395	56180.44	56232.5	17.49	56197.93	56191.42578	56230.30378	56221.82031	504519.8	5410321.2
L4520.0	504519.8	5410323.0	31131.40039	323.80	0	48.845861	-86.938395	56181.20	56232.5	17.50	56198.69	56192.23828	56222.60240	56214.13672	504519.8	5410323.0
L4520.0	504519.8	5410325.0	31131.50000	324.66	0	48.845880	-86.938395	56182.56	56232.5	17.50	56200.06	56193.66016	56229.42076	56220.98047	504519.8	5410325.0
L4520.0	504519.8	5410325.0	31131.59961	322.65	0	48.845880	-86.938395	56183.46	56232.5	17.50	56200.97	56194.62109	56225.83746	56217.41797	504519.8	5410325.0
L4520.0	504519.8	5410326.3	31131.69922	321.53	0	48.845891	-86.938395	56184.22	56232.5	17.51	56201.73	56195.43359	56219.11004	56210.71875	504519.8	5410326.3
L4520.0	504519.9	5410328.0	31131.80078	321.65	0	48.845907	-86.938395	56185.63	56232.5	17.51	56203.14	56196.89453	56227.56411	56219.19922	504519.9	5410328.0
L4520.0	504519.9	5410328.0	31131.80078	321.65	0	48.845907	-86.938395	56186.57	56232.5	17.51	56204.08	56197.88672	56225.47810	56217.14063	504519.9	5410328.0
L4520.0	504519.9	5410329.9	31132.00000	321.88	0	48.845923	-86.938395	56187.95	56232.5	17.52	56205.47	56199.33203	56234.02034	56225.71484	504519.9	5410329.9
L4520.0	504519.9	5410331.6	31132.09961	323.13	0	48.845939	-86.938395	56188.87	56232.5	17.52	56206.39	56200.30078	56231.94277	56223.67188	504519.9	5410331.6
L4520.0	504519.9	5410333.2	31132.19922	324.25	0	48.845953	-86.938395	56189.73	56232.5	17.53	56207.26	56201.22266	56228.86102	56220.62500	504519.9	5410333.2
L4520.0	504519.9	5410333.2	31132.30078	324.91	0	48.845953	-86.938395	56191.06	56232.5	17.53	56208.60	56202.61719	56237.09040	56228.89063	504519.9	5410333.2
L4520.0	504519.9	5410335.1	31132.40039	326.71	0	48.845971	-86.938395	56191.99	56232.5	17.54	56209.53	56203.59766	56235.83110	56227.66797	504519.9	5410335.1
L4520.0	504519.9	5410336.6	31132.50000	327.83	0	48.845984	-86.938395	56193.63	56232.5	17.54	56211.18	56205.30078	56252.28502	56244.16016	504519.9	5410336.6
L4520.0	504519.9	5410336.6	31132.59961	329.08	0	48.845984	-86.938395	56194.41	56232.5	17.55	56211.96	56206.13281	56247.85817	56239.77734	504519.9	5410336.6
L4520.0	504519.9	5410338.4	31132.69922	328.68	0	48.846000	-86.938395	56195.48	56232.4	17.56	56213.04	56207.26563	56251.00664	56242.96875	504519.9	5410338.4
L4520.0	504519.9	5410339.9	31132.80078	327.86	0	48.846014	-86.938395	56195.70	56232.4	17.56	56213.26	56207.53516	56237.44614	56229.44922	504519.9	5410339.9
L4520.0	504519.9	5410341.7	31132.90039	327.28	0	48.846029	-86.938395	56196.93	56232.4	17.57	56214.50	56208.82813	56243.07309	56235.12109	504519.9	5410341.7
L4520.0	504519.9	5410341.7	31133.00000	327.50	0	48.846029	-86.938395	56197.85	56232.4	17.57	56215.42	56209.80078	56243.11011	56235.20703	504519.9	5410341.7
L4520.0	504519.9	5410343.2	31133.09961	328.76	0	48.846043	-86.938395	56198.90	56232.4	17.58	56216.48	56210.91406	56245.83912	56237.98438	504519.9	5410343.2
L4520.0	504519.9	5410343.2	31133.19922	330.03	0	48.846043	-86.938395	56199.74	56232.4	17.58	56217.32	56211.80469	56244.58342	56236.77734	504519.9	5410343.2
L4520.0	504519.8	5410345.1	31133.30078	331.88	0	48.846061	-86.938395	56201.39	56232.4	17.59	56218.98	56213.51563	56259.06389	56251.30859	504519.8	5410345.1
L4520.0	504519.8	5410346.7	31133.40039	331.87	0	48.846075	-86.938395	56202.14	56232.4	17.59	56219.74	56214.32813	56256.55832	56248.85547	504519.8	5410346.7
L4520.0	504519.8	5410348.2	31133.50000	332.42	0	48.846089	-86.938395	56203.41	56232.4	17.60	56221.01	56215.64844	56264.06812	56256.42188	504519.8	5410348.2
L4520.0	504519.8	5410349.9	31133.59961	330.94	0	48.846104	-86.938395	56204.54	56232.4	17.61	56222.15	56216.83984	56269.23422	56261.64063	504519.8	5410349.9
L4520.0	504519.8	5410349.9	31133.69922	332.45	0	48.846104	-86.938395	56205.41	56232.4	17.61	56223.02	56217.76172	56269.15278	56261.61719	504519.8	5410349.9
L4520.0	504519.8	5410351.4	31133.80078	332.57	0	48.846117	-86.938396	56206.30	56232.4	17.62	56223.91	56218.70313	56269.53781	56262.05859	504519.8	5410351.4
L4520.0	504519.8	5410351.4	31133.80078	332.57	0	48.846117	-86.938396	56206.50	56232.4	17.62	56224.12	56218.96484	56256.10553	56248.68359	504519.8	5410351.4
L4520.0	504519.7	5410352.9	31134.00000	332.67	0	48.846130	-86.938396	56207.38	56232.4	17.63	56225.01	56219.90234	56256.54154	56249.17969	504519.7	5410352.9
L4520.0	504519.7	5410354.5	31134.09961	333.87	0	48.846145	-86.938396	56208.43	56232.4	17.64	56226.07	56221.01563	56260.59572	56253.29688	504519.7	5410354.5
L4520.0	504519.7	5410356.2	31134.19922	334.15	0	48.846161	-86.938397	56209.14	56232.4	17.64	56226.79	56221.78516	56257.70820	56250.46875	504519.7	5410356.2
L4520.0	504519.7	5410356.2	31134.30078	334.17	0	48.846161	-86.938397	56210.22	56232.4	17.65	56227.87	56222.91406	56262.42372	56255.24609	504519.7	5410356.2
L4520.0	504519.7	5410358.3	31134.40039	334.03	0	48.846179	-86.938397	56211.43	56232.3	17.65	56229.08	56224.17578	56270.01661	56262.90234	504519.7	5410358.3
L4520.0	504519.6	5410359.7	31134.50000	334.93	0	48.846192	-86.938397	56212.29	56232.3	17.66	56229.95	56225.09375	56270.59902	56263.55078	504519.6	5410359.7
L4520.0	504519.6	5410361.2	31134.59961	335.01	0	48.846205	-86.938397	56213.27	56232.3	17.67	56230.94	56226.13672	56273.81934	56266.83594	504519.6	5410361.2
L4520.0	504519.6	5410361.2	31134.69922	334.15	0	48.846205	-86.938397	56213.93	56232.3	17.67	56231.60	56226.84375	56270.14845	56263.23047	504519.6	5410361.2
L4520.0	504519.6	5410362.8	31134.80078	334.78	0	48.846219	-86.938398	56215.13	56232.3	17.68	56232.81	56228.10547	56278.20727	56271.35547	504519.6	5410362.8
L4520.0	504519.6	5410362.8	31134.90039	334.57	0	48.846219	-86.938398	56215.72	56232.3	17.68	56233.41	56228.75391	56273.40879	56266.62500	504519.6	5410362.8
L4520.0	504519.6	5410364.7	31135.00000	333.97	0	48.846237	-86.938398	56216.63	56232.3	17.69	56234.32	56229.71094	56275.23620	56268.51953	504519.6	5410364.7
L4520.0	504519.6	5410366.3	31135.09961	332.77	0	48.846251	-86.938398	56217.17	56232.3	17.69	56234.87	56230.30859	56269.53356	56262.88672	504519.6	5410366.3
L4520.0	504519.6	5410366.3	31135.19922	332.75	0	48.846251	-86.938398	56218.20	56232.3	17.70	56235.90	56231.38672	56273.97709	56267.39844	504519.6	5410366.3
L4520.0	504519.6	5410368.2	31135.30078	333.35	0	48.846268	-86.938397	56219.31	56232.3	17.70	56237.01	56232.54688	56280.05350	56273.54688	504519.6	5410368.2
L4520.0	504519.6	5410369.7	31135.40039	333.14	0	48.846282	-86.938397	56219.72	56232.3	17.71	56237.43	56233.01563	56271.92522	56265.48828	504519.6	5410369.7
L4520.0	504519.6	5410371.3	31135.50000	333.63	0	48.846296	-86.938397	56220.34	56232.3	17.71	56238.05	56233.67969	56268.09001	56261.72266	504519.6	5410371.3
L4520.0	504519.6	5410372.8	31135.59961	333.26	0	48.846309	-86.938397	56221.18	56232.3	17.71	56238.90	56234.57813	56269.00618	56262.71094	504519.6	5410372.8
L4520.0	504519.6	5410372.8	31135.69922	332.69	0	48.846309	-86.938397	56222.04	56232.3	17.72	56239.76	56235.48438	56270.16277	56263.93750	504519.6	5410372.8
L4520.0	504519.6	5410375.0	31135.80078	334.11	0	48.846330	-86.938397	56223.09	56232.3	17.72	56240.81	56236.58203	56274.99398	56268.83984	504519.6	5410375.0
L4520.0	504519.6	5410376.7	31135.80078	334.11	0	48.846345	-86.938397	56224.02	56232.3	17.72	56241.74	56237.55859	56277.46059	56271.37891	504519.6	5410376.7
L4520.0	504519.6	5410376.7	31136.00000	332.86	0	48.846345	-86.938397	56224.79	56232.3	17.73	56242.52	56238.38281	56277.14942	56271.14063	504519.6	5410376.7
L4520.0	504519.6	5410378.5	31136.09961	330.38	0	48.846360	-86.938397	56225.46	56232.3	17.73	56243.20	56239.10938	56275.14391	56269.20703	504519.6	5410378.5
L4520.0	504519.7	5410379.8	31136.19922	329.04	0	48.846373	-86.938397	56226.34	56232.3	17.74	56244.08	56240.03516	56275.17984	56269.31641	504519.7	5410379.8
L4520.0	504519.7	5410379.8	31136.30078	327.16	0	48.846373	-86.938397	56227.20	56232.3	17.74	56244.94	56240.93750	56277.09239	56271.30078	504519.7	5410379.8
L4520.0	504519.7	5410381.2	31136.40039	323.75	0	48.846385	-86.938397	56227.87	56232.3	17.75	56245.61	56241.65234	56274.52208	56268.80078	504519.7	5410381.2
L4520.0	504519.7	5410383.1	31136.50000	322.44	0	48.846402	-86.938397	56228.66	56232.3	17.75	56246.41	56242.49609	56275.26828	56269.62109	504519.7	5410383.1
L4520.0	504519.7	5410383.1	31136.59961	320.20	0	48.846402	-86.938397	56229.57	56232.2	17.75	56247.32	56243.44922	56278.64860	56273.07422	504519.7	5410383.1
L4520.0	504519.7	5410384.7	31136.69922	319.23	0	48.846417	-86.938397	56229.98	56232.2	17.76	56247.74	56243.91406	56271.14863	56265.64453	504519.7	5410384.7
L4520.0	504519.7	5410386.1	31136.80078	318.04	0	48.846430	-86.938397	56230.87	56232.2	17.76	56248.63	56244.84766	56274.37699	56268.94531	504519.7	5410386.1
L4520.0	504519.7	5410387.9	31136.90039	317.98	0	48.846445	-86.938396	56231.95	56232.2	17.77	56249.71	56245.96875	56281.69013	56276.32813	504519.7	5410387.9
L4520.0	504519.7	5410387.9	31137.00000	318.41	0	48.846445	-86.938396	56232.46	56232.2	17.77	56250.23	56246.53125	56277.21879	56271.92969	504519.7	5410387.9
L4520.0	504519.7	5410389.6	31137.09961	318.80	0	48.846461	-86.938396	56233.04	56232.2	17.77	56250.81	56247.15234	56274.33402	56269.11719	504519.7	5410389.6
L4520.0	504519.7	5410391.1	31137.19922	319.83	0	48.846474	-86.938396	56233.74	56232.2	17.78	56251.51	56247.89453	56274.15797	56269.01172	504519.7	5410391.1
L4520.0	504519.7	5410391.1	31137.30078	318.10	0	48.846474	-86.938396	56234.35	56232.2	17.78	56252.13	56248.55469	56272.58612	56267.51172	504519.7	5410391.1
L4520.0	504519.7	5410392.8	31137.40039	318.25	0	48.846489	-86.938396	56235.22	56232.2	17.78	56253.00	56249.46484	56276.18356	56271.17969	504519.7	5410392.8
L4520.0	504519.7	5410394.2	31137.50000	318.87	0	48.846502	-86.938396	56236.31	56232.2	17.79	56254.09	56250.59375	56284.25183	56279.31641	504519.7	5410394.2
L4520.0	504519.7	5410395.8	31137.59961	319.39	0	48.846516	-86.938396	56237.11	56232.2	17.79	56254.89	56251.43359	56286.79216	56281.92578	504519.7	5410395.8
L4520.0	504519.7	5410395.8	31137.69922	320.60	0	48.846516	-86.938396	56237.84	56232.2	17.79	56255.63	56252.21094	56288.36206	56283.56641	504519.7	5410395.8
L4520.0	504519.7	5410397.6	31137.80078	321.42	0	48.846532	-86.938396	56238.08	56232.2	17.79	56255.87	56252.48828	56280.31798	56275.58984	504519.7	5410397.6
L4520.0	504519.7	5410398.9	31137.80078	321.42	0	48.846545	-86.938396	56238.86	56232.2	17.79	56256.65	56253.30469	56283.02366	56278.36328	504519.7	5410398.9
L4520.0	504519.7	5410398.9	31138.00000	321.62	0	48.846545	-86.938396	56239.38	56232.2	17.80	56257.18	56253.87500	56280.94683	56276.35156	504519.7	5410398.9
L4520.0	504519.7	5410400.7	31138.09961	322.75	0	48.846560	-86.938396	56240.19	56232.2	17.80	56258.00	56254.73047	56284.75588	56280.22656	504519.7	5410400.7
L4520.0	504519.7	5410402.1	31138.19922	323.82	0	48.846573	-86.938396	56240.70	56232.2	17.81	56258.51	56255.27734	56282.50739	56278.04688	504519.7	5410402.1
L4520.0	504519.7	5410403.9	31138.30078	321.55	0	48.846589	-86.938396	56241.78	56232.2	17.81	56259.59	56256.39063	56291.85742	56287.46094	504519.7	5410403.9
L4520.0	504519.7	5410403.9	31138.40039	320.35	0	48.846589	-86.938396	56242.27	56232.2	17.82	56260.09	56256.92578	56289.62096	56285.28906	504519.7	5410403.9
L4520.0	504519.7	5410405.6	31138.50000	320.09	0	48.846605	-86.938396	56242.96	56232.2	17.82	56260.78	56257.65234	56291.33650	56287.07031	504519.7	5410405.6
L4520.0	504519.7	5410407.1	31138.59961	320.34	0	48.846618	-86.938396	56243.15	56232.2	17.82	56260.98	56257.88672	56283.09322	56278.88672	504519.7	5410407.1
L4520.0	504519.7	5410408.7	31138.69922	320.35	0	48.846632	-86.938396	56243.81	56232.2	17.83	56261.64	56258.57813	56284.38250	56280.23828	504519.7	5410408.7
L4520.0	504519.7	5410408.7	31138.80078	321.24	0	48.846632	-86.938396	56244.45	56232.2	17.83	56262.28	56259.25391	56285.38463	56281.30469	504519.7	5410408.7
L4520.0	504519.7	5410410.4	31138.90039	321.67	0	48.846648	-86.938396	56245.04	56232.2	17.84	56262.88	56259.88281	56285.68383	56281.66406	504519.7	5410410.4
L4520.0	504519.6	5410411.9	31139.00000	321.46	0	48.846661	-86.938397	56245.86	56232.2	17.84	56263.70	56260.73438	56290.74898	56286.78906	504519.6	5410411.9
L4520.0	504519.6	5410411.9	31139.09961	322.31	0	48.846661	-86.938397	56246.46	56232.2	17.84	56264.31	56261.37891	56291.57347	56287.67188	504519.6	5410411.9
L4520.0	504519.6	5410413.6	31139.19922	323.89	0	48.846676	-86.938397	56247.37	56232.2	17.85	56265.21	56262.30859	56298.77513	56294.92969	504519.6	5410413.6
L4520.0	504519.6	5410413.6	31139.30078	324.36	0	48.846676	-86.938397	56247.65	56232.2	17.85	56265.50	56262.62891	56293.06943	56289.28125	504519.6	5410413.6
L4520.0	504519.6	5410415.9	31139.40039	323.94	0	48.846698	-86.938398	56248.62	56232.1	17.85	56266.47	56263.62891	56302.30653	56298.57422	504519.6	5410415.9

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4520.0	504519.5	5410417.8	31139.50000	322.14	0	48.846714	-86.938398	56248.59	56232.1	17.85	56266.44	56263.62500	56289.69141	56286.01563	504519.5	5410417.8
L4520.0	504519.5	5410417.8	31139.59961	320.52	0	48.846714	-86.938398	56249.38	56232.1	17.86	56267.23	56264.44531	56295.39015	56291.76953	504519.5	5410417.8
L4520.0	504519.5	5410419.3	31139.69922	320.81	0	48.846728	-86.938398	56250.01	56232.1	17.86	56267.87	56265.11328	56297.96783	56294.39844	504519.5	5410419.3
L4520.0	504519.5	5410421.1	31139.80078	322.14	0	48.846744	-86.938399	56250.68	56232.1	17.86	56268.55	56265.82031	56301.70899	56298.19141	504519.5	5410421.1
L4520.0	504519.5	5410422.7	31139.80078	322.14	0	48.846758	-86.938399	56251.32	56232.1	17.86	56269.18	56266.47656	56304.50104	56301.03516	504519.5	5410422.7
L4520.0	504519.5	5410422.7	31140.00000	324.48	0	48.846758	-86.938399	56251.24	56232.1	17.87	56269.11	56266.43359	56290.37896	56286.96484	504519.5	5410422.7
L4520.0	504519.4	5410424.5	31140.09961	324.90	0	48.846774	-86.938399	56252.21	56232.1	17.87	56270.08	56267.42969	56301.68903	56298.32422	504519.4	5410424.5
L4520.0	504519.4	5410424.5	31140.19922	324.80	0	48.846774	-86.938399	56252.36	56232.1	17.88	56270.24	56267.61328	56292.95169	56289.63281	504519.4	5410424.5
L4520.0	504519.4	5410426.4	31140.30078	324.69	0	48.846791	-86.938399	56253.44	56232.1	17.88	56271.32	56268.71875	56307.68535	56304.41406	504519.4	5410426.4
L4520.0	504519.4	5410428.3	31140.40039	326.47	0	48.846809	-86.938400	56253.62	56232.1	17.89	56271.51	56268.92969	56302.34738	56299.12109	504519.4	5410428.3
L4520.0	504519.4	5410429.6	31140.50000	329.96	0	48.846820	-86.938400	56254.58	56232.1	17.89	56272.47	56269.91406	56311.03054	56307.85156	504519.4	5410429.6
L4520.0	504519.4	5410429.6	31140.59961	331.99	0	48.846820	-86.938400	56254.84	56232.1	17.89	56272.73	56270.19531	56306.88129	56303.74219	504519.4	5410429.6
L4520.0	504519.4	5410431.5	31140.69922	333.52	0	48.846838	-86.938400	56255.35	56232.1	17.90	56273.25	56270.73828	56307.50501	56304.41016	504519.4	5410431.5
L4520.0	504519.4	5410433.1	31140.80078	334.68	0	48.846852	-86.938400	56255.89	56232.1	17.90	56273.79	56271.30078	56308.48959	56305.43750	504519.4	5410433.1
L4520.0	504519.4	5410433.1	31140.90039	335.90	0	48.846852	-86.938400	56256.26	56232.1	17.91	56274.17	56271.69922	56306.45733	56303.44531	504519.4	5410433.1
L4520.0	504519.3	5410434.8	31141.00000	336.11	0	48.846867	-86.938400	56257.50	56232.1	17.91	56275.41	56272.96094	56320.47693	56317.50391	504519.3	5410434.8
L4520.0	504519.3	5410436.3	31141.09961	335.91	0	48.846880	-86.938401	56257.75	56232.1	17.92	56275.66	56273.23047	56315.94180	56313.00781	504519.3	5410436.3
L4520.0	504519.3	5410436.3	31141.19922	335.10	0	48.846880	-86.938401	56258.11	56232.1	17.92	56276.03	56273.61719	56313.64878	56310.75000	504519.3	5410436.3
L4520.0	504519.3	5410437.8	31141.30078	332.60	0	48.846894	-86.938401	56258.20	56232.1	17.93	56276.13	56273.73828	56306.47608	56303.61328	504519.3	5410437.8
L4520.0	504519.3	5410439.3	31141.40039	330.28	0	48.846908	-86.938401	56258.82	56232.1	17.93	56276.76	56274.38281	56308.98331	56306.15625	504519.3	5410439.3
L4520.0	504519.3	5410440.8	31141.50000	330.03	0	48.846921	-86.938401	56259.08	56232.1	17.94	56277.02	56274.66016	56302.04968	56299.25781	504519.3	5410440.8
L4520.0	504519.3	5410440.8	31141.59961	325.98	0	48.846921	-86.938401	56259.94	56232.1	17.95	56277.89	56275.54688	56311.64992	56308.89063	504519.3	5410440.8
L4520.0	504519.3	5410443.0	31141.69922	323.61	0	48.846941	-86.938402	56260.43	56232	17.95	56278.38	56276.05469	56311.70992	56308.98047	504519.3	5410443.0
L4520.0	504519.2	5410444.6	31141.80078	323.61	0	48.846955	-86.938402	56260.98	56232	17.96	56278.94	56276.62891	56313.48213	56310.78516	504519.2	5410444.6
L4520.0	504519.2	5410444.6	31141.80078	323.61	0	48.846955	-86.938402	56261.24	56232	17.96	56279.20	56276.90234	56308.33518	56305.66797	504519.2	5410444.6
L4520.0	504519.2	5410446.4	31142.00000	321.08	0	48.846971	-86.938402	56261.45	56232	17.97	56279.42	56277.13672	56302.63656	56299.99609	504519.2	5410446.4
L4520.0	504519.2	5410448.0	31142.09961	319.41	0	48.846986	-86.938402	56261.88	56232	17.97	56279.85	56277.58203	56301.94431	56299.33203	504519.2	5410448.0
L4520.0	504519.2	5410448.0	31142.19922	318.06	0	48.846986	-86.938402	56262.17	56232	17.97	56280.14	56277.88672	56298.41712	56295.83203	504519.2	5410448.0
L4520.0	504519.3	5410449.6	31142.30078	317.39	0	48.847001	-86.938401	56263.03	56232	17.98	56281.01	56278.76953	56307.42599	56304.86328	504519.3	5410449.6
L4520.0	504519.3	5410450.9	31142.40039	315.69	0	48.847012	-86.938401	56263.34	56232	17.98	56281.32	56279.08984	56304.69521	56302.16016	504519.3	5410450.9
L4520.0	504519.3	5410450.9	31142.50000	317.20	0	48.847012	-86.938401	56264.11	56232	17.98	56282.09	56279.87109	56311.71325	56309.19922	504519.3	5410450.9
L4520.0	504519.3	5410452.9	31142.59961	317.21	0	48.847030	-86.938401	56264.15	56232	17.98	56282.13	56279.92188	56303.93040	56301.43750	504519.3	5410452.9
L4520.0	504519.3	5410454.9	31142.69922	317.60	0	48.847048	-86.938401	56264.57	56232	17.98	56282.55	56280.35156	56304.19200	56301.72266	504519.3	5410454.9
L4520.0	504519.3	5410454.9	31142.80078	319.14	0	48.847048	-86.938401	56264.91	56232	17.99	56282.90	56280.71094	56303.23008	56300.78125	504519.3	5410454.9
L4520.0	504519.3	5410456.5	31142.90039	319.81	0	48.847062	-86.938401	56265.38	56232	17.99	56283.37	56281.19141	56304.95901	56302.52734	504519.3	5410456.5
L4520.0	504519.3	5410458.8	31143.00000	320.09	0	48.847083	-86.938400	56265.84	56232	17.99	56283.83	56281.66016	56306.71692	56304.30469	504519.3	5410458.8
L4520.0	504519.3	5410459.9	31143.09961	321.08	0	48.847094	-86.938400	56266.28	56232	17.99	56284.27	56282.10938	56308.27679	56305.88281	504519.3	5410459.9
L4520.0	504519.3	5410459.9	31143.19922	321.56	0	48.847094	-86.938400	56267.04	56232	17.99	56285.03	56282.87500	56317.19287	56314.81250	504519.3	5410459.9
L4520.0	504519.4	5410461.7	31143.30078	321.59	0	48.847110	-86.938400	56267.14	56232	18.00	56285.14	56282.99219	56311.81499	56309.44922	504519.4	5410461.7
L4520.0	504519.4	5410461.7	31143.40039	322.98	0	48.847110	-86.938400	56267.70	56232	18.00	56285.70	56283.55859	56316.83020	56314.48047	504519.4	5410461.7
L4520.0	504519.4	5410463.4	31143.50000	325.05	0	48.847125	-86.938400	56268.06	56232	18.00	56286.06	56283.92578	56317.34335	56315.00781	504519.4	5410463.4
L4520.0	504519.4	5410465.2	31143.59961	326.35	0	48.847141	-86.938400	56268.59	56232	18.00	56286.60	56284.47266	56322.40467	56320.08203	504519.4	5410465.2
L4520.0	504519.4	5410466.5	31143.69922	328.27	0	48.847152	-86.938400	56269.00	56232	18.00	56287.01	56284.88672	56324.07813	56321.76563	504519.4	5410466.5
L4520.0	504519.4	5410466.5	31143.80078	329.10	0	48.847152	-86.938400	56269.48	56232	18.01	56287.49	56285.37109	56327.22974	56324.92969	504519.4	5410466.5
L4520.0	504519.4	5410468.5	31143.80078	329.10	0	48.847171	-86.938399	56269.18	56232	18.01	56287.19	56285.07813	56315.91451	56313.62500	504519.4	5410468.5
L4520.0	504519.4	5410470.0	31144.00000	333.39	0	48.847184	-86.938399	56269.57	56232	18.01	56287.58	56285.47266	56317.19262	56314.91406	504519.4	5410470.0
L4520.0	504519.4	5410470.0	31144.09961	335.59	0	48.847184	-86.938399	56270.15	56232	18.01	56288.16	56286.05469	56322.11396	56319.83984	504519.4	5410470.0
L4520.0	504519.5	5410472.1	31144.19922	334.89	0	48.847203	-86.938398	56270.38	56232	18.02	56288.40	56286.29688	56320.48849	56318.22266	504519.5	5410472.1
L4520.0	504519.5	5410473.6	31144.30078	336.47	0	48.847216	-86.938398	56270.32	56232	18.03	56288.35	56286.25000	56313.09985	56310.84375	504519.5	5410473.6
L4520.0	504519.5	5410475.1	31144.40039	337.52	0	48.847229	-86.938398	56270.94	56232	18.03	56288.97	56286.87500	56318.78996	56316.53906	504519.5	5410475.1
L4520.0	504519.5	5410475.1	31144.50000	338.37	0	48.847229	-86.938398	56271.53	56232	18.03	56289.57	56287.47656	56324.09137	56321.84766	504519.5	5410475.1
L4520.0	504519.5	5410476.6	31144.59961	336.49	0	48.847243	-86.938398	56272.34	56232	18.04	56290.38	56288.28516	56333.49247	56331.25391	504519.5	5410476.6
L4520.0	504519.5	5410478.4	31144.69922	335.17	0	48.847260	-86.938397	56272.86	56232	18.04	56290.91	56288.81641	56337.30840	56335.07031	504519.5	5410478.4
L4520.0	504519.5	5410479.8	31144.80078	334.85	0	48.847272	-86.938397	56272.93	56232	18.05	56290.98	56288.88672	56332.08459	56329.85156	504519.5	5410479.8
L4520.0	504519.5	5410479.8	31144.90039	334.90	0	48.847272	-86.938397	56273.09	56231.9	18.06	56291.14	56289.05078	56328.65824	56326.42969	504519.5	5410479.8
L4520.0	504519.6	5410481.5	31145.00000	331.32	0	48.847288	-86.938397	56273.57	56231.9	18.06	56291.63	56289.53906	56331.60907	56329.38281	504519.6	5410481.5
L4520.0	504519.6	5410482.9	31145.09961	329.86	0	48.847300	-86.938397	56274.08	56231.9	18.06	56292.15	56290.05859	56335.08385	56332.85938	504519.6	5410482.9
L4520.0	504519.6	5410484.8	31145.19922	327.97	0	48.847317	-86.938397	56274.13	56231.9	18.07	56292.20	56290.10938	56329.72676	56327.50391	504519.6	5410484.8
L4520.0	504519.6	5410484.8	31145.30078	326.94	0	48.847317	-86.938397	56274.78	56231.9	18.07	56292.85	56290.75781	56335.63365	56333.41016	504519.6	5410484.8
L4520.0	504519.6	5410486.3	31145.40039	325.78	0	48.847331	-86.938396	56274.49	56231.9	18.08	56292.57	56290.47656	56324.49365	56322.26953	504519.6	5410486.3
L4520.0	504519.6	5410487.8	31145.50000	323.67	0	48.847344	-86.938396	56275.15	56231.9	18.08	56293.24	56291.14453	56330.85032	56328.62891	504519.6	5410487.8
L4520.0	504519.6	5410487.8	31145.59961	321.84	0	48.847344	-86.938396	56275.20	56231.9	18.09	56293.29	56291.19141	56326.08919	56323.86719	504519.6	5410487.8
L4520.0	504519.6	5410489.3	31145.69922	323.52	0	48.847357	-86.938396	56275.52	56231.9	18.10	56293.61	56291.51172	56326.31945	56324.09375	504519.6	5410489.3
L4520.0	504519.6	5410491.3	31145.80078	323.35	0	48.847375	-86.938396	56275.82	56231.9	18.10	56293.92	56291.81641	56326.13697	56323.91016	504519.6	5410491.3
L4520.0	504519.6	5410491.3	31145.80078	323.35	0	48.847375	-86.938396	56275.69	56231.9	18.10	56293.79	56291.68750	56315.54087	56313.31250	504519.6	5410491.3
L4520.0	504519.6	5410492.8	31146.00000	323.06	0	48.847389	-86.938396	56275.95	56231.9	18.11	56294.06	56291.95313	56315.23011	56313.00000	504519.6	5410492.8
L4520.0	504519.6	5410494.1	31146.09961	323.67	0	48.847400	-86.938396	56276.43	56231.9	18.11	56294.55	56292.44141	56320.62411	56318.39063	504519.6	5410494.1
L4520.0	504519.6	5410495.5	31146.19922	323.14	0	48.847413	-86.938396	56276.82	56231.9	18.12	56294.94	56292.82813	56324.68359	56322.44531	504519.6	5410495.5
L4520.0	504519.6	5410495.5	31146.30078	325.27	0	48.847413	-86.938396	56276.63	56231.9	18.13	56294.75	56292.63281	56316.58236	56314.33984	504519.6	5410495.5
L4520.0	504519.6	5410497.0	31146.40039	327.32	0	48.847427	-86.938396	56277.30	56231.9	18.13	56295.43	56293.30859	56324.10852	56321.86328	504519.6	5410497.0
L4520.0	504519.6	5410498.8	31146.50000	328.96	0	48.847443	-86.938397	56277.38	56231.9	18.14	56295.51	56293.38672	56320.93654	56318.68750	504519.6	5410498.8
L4520.0	504519.5	5410500.5	31146.59961	330.48	0	48.847458	-86.938397	56277.46	56231.9	18.14	56295.60	56293.47266	56317.93899	56315.68359	504519.5	5410500.5
L4520.0	504519.5	5410500.5	31146.69922	330.42	0	48.847458	-86.938397	56277.70	56231.9	18.15	56295.85	56293.71875	56317.89628	56315.63672	504519.5	5410500.5
L4520.0	504519.5	5410502.6	31146.80078	332.21	0	48.847477	-86.938397	56278.34	56231.8	18.15	56296.49	56294.35156	56325.23040	56322.96484	504519.5	5410502.6
L4520.0	504519.5	5410504.1	31146.90039	332.69	0	48.847490	-86.938398	56278.61	56231.8	18.16	56296.76	56294.61719	56325.71072	56323.44141	504519.5	5410504.1
L4520.0	504519.5	5410504.1	31147.00000	332.10	0	48.847490	-86.938398	56278.85	56231.8	18.16	56297.01	56294.86328	56325.82910	56323.55469	504519.5	5410504.1
L4520.0	504519.4	5410505.6	31147.09961	330.96	0	48.847504	-86.938398	56278.91	56231.8	18.16	56297.07	56294.91797	56322.25957	56319.98047	504519.4	5410505.6
L4520.0	504519.4	5410507.7	31147.19922	332.73	0	48.847523	-86.938399	56279.31	56231.8	18.17	56297.48	56295.32422	56325.48981	56323.20313	504519.4	5410507.7
L4520.0	504519.4	5410507.7	31147.30078	333.96	0	48.847523	-86.938399	56279.80	56231.8	18.17	56297.97	56295.80859	56330.35093	56328.05859	504519.4	5410507.7
L4520.0	504519.4	5410509.3	31147.40039	332.61	0	48.847537	-86.938399	56280.21	56231.8	18.17	56298.38	56296.21484	56333.67994	56331.37891	504519.4	5410509.3
L4520.0	504519.3	5410511.0	31147.50000	332.13	0	48.847553	-86.938400	56280.16	56231.8	18.18	56298.34	56296.16797	56328.03845	56325.73047	504519.3	5410511.0
L4520.0	504519.3	5410511.0	31147.59961	332.39	0	48.847553	-86.938400	56280.37	56231.8	18.18	56298.54	56296.36328	56327.15621	56324.84375	504519.3	5410511.0
L4520.0	504519.3	5410512.7	31147.69922	332.71	0	48.847568	-86.938400	56280.69	56231.8	18.18	56298.87	56296.68750	56328.88335	56326.56250	504519.3	5410512.7
L4520.0	504519.3	5410514.3	31147.80078	331.22	0	48.847583	-86.938400	56280.82	56231.8	18.18	56299.00	56296.81250	56326.58614	56324.25781	504519.3	5410514.3
L4520.0	504519.3	5410514.3	31147.80078	331.22	0	48.847583	-86.938400	56281.20	56231.8	18.18	56299.38	56297.18750	56329.33368	56327.00000	504519.3	5410514.3
L4520.0	504519.3	5410516.3	31148.00000	324.49	0	48.847600	-86.938400	56281.64	56231.8	18.19	56299.83	56297.62891	56333.50504	56331.16406	504519.3	5410516.3
L4520.0	504519.3	5410517.9	31148.09961	325.40	0	48.847614	-86.938400	56281.78	56231.8	18.20	56299.98	56297.77344	56331.62503	56329.27344	504519.3	5410517.9
L4520.0	504519.3	5410517.9	31148.19922	326.88	0	48.847614	-86.938400	56281.94	56231.8	18.20	56300.15	56297.93750	56330.15615	56327.79688	504519.3	5410517.9
L4520.0	504519.3	5410520.8	31148.30078	327.79	0	48.847641	-86.938400	56282.22	56231.8	18.21	56300.43	56298.21484	56330.91170	56328.54297	504519.3	5410520.8
L4520.0	504519.3	5410520.8	31148.40039	329.71	0	48.847641	-86.938400	56282.61	56231.8	18.22	56300.83	56298.60938	56334.07967	56331.70703	504519.3	5410520.8
L4520.0	504519.3	5410522.3	31148.50000	329.94	0	48.847654	-86.938400	56282.34	56231.8	18.22	56300.57	56298.34375	56324.00371	56321.62109	504519.3	5410522.3
L4520.0	504519.3	5410524.1	31148.59961	331.72	0	48.847671	-86.938400	56282.56	56231.8	18.23	56300.79	56298.55859	56323.57686	56321.18750	504519.3	5410524.1
L4520.0	504519.3	5410524.1	31148.69922	332.69	0	48.847671	-86.938400	56282.98	56231.8	18.24	56301.22	56298.98047	56327.31887	56324.91797	504519.3	5410524.1

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4520.0	504519.3	5410525.2	31148.80078	331.85	0	48.847681	-86.938400	56283.64	56231.8	18.25	56301.88	56299.63672	56335.54306	56333.13281	504519.3	5410525.2
L4520.0	504519.3	5410526.7	31148.90039	332.55	0	48.847694	-86.938400	56283.73	56231.7	18.25	56301.98	56299.73047	56332.65821	56330.24219	504519.3	5410526.7
L4520.0	504519.3	5410526.7	31149.00000	332.73	0	48.847694	-86.938400	56283.65	56231.7	18.26	56301.91	56299.65625	56326.49949	56324.07422	504519.3	5410526.7
L4520.0	504519.3	5410528.8	31149.09961	332.19	0	48.847713	-86.938400	56284.23	56231.7	18.26	56302.50	56300.23828	56333.12896	56330.69531	504519.3	5410528.8
L4520.0	504519.3	5410530.3	31149.19922	330.90	0	48.847726	-86.938400	56284.17	56231.7	18.27	56302.44	56300.17188	56327.24872	56324.80859	504519.3	5410530.3
L4520.0	504519.3	5410531.6	31149.30078	331.78	0	48.847738	-86.938400	56284.36	56231.7	18.27	56302.64	56300.36719	56326.37794	56323.92578	504519.3	5410531.6
L4520.0	504519.3	5410533.1	31149.40039	331.49	0	48.847752	-86.938400	56284.55	56231.7	18.28	56302.82	56300.54297	56325.15316	56322.69531	504519.3	5410533.1
L4520.0	504519.3	5410533.1	31149.50000	330.87	0	48.847752	-86.938400	56284.86	56231.7	18.28	56303.14	56300.85938	56326.52254	56324.05469	504519.3	5410533.1
L4520.0	504519.3	5410534.8	31149.59961	329.70	0	48.847767	-86.938400	56284.72	56231.7	18.28	56303.00	56300.71484	56319.54736	56317.07031	504519.3	5410534.8
L4520.0	504519.3	5410534.8	31149.69922	328.92	0	48.847767	-86.938400	56285.26	56231.7	18.29	56303.55	56301.25781	56325.06549	56322.58203	504519.3	5410534.8
L4520.0	504519.3	5410536.1	31149.80078	327.71	0	48.847779	-86.938400	56285.49	56231.7	18.29	56303.78	56301.48438	56323.77166	56321.27734	504519.3	5410536.1
L4520.0	504519.3	5410538.2	31149.80078	327.71	0	48.847797	-86.938400	56285.82	56231.7	18.29	56304.11	56301.80859	56325.96174	56323.46094	504519.3	5410538.2
L4520.0	504519.3	5410538.2	31150.00000	324.70	0	48.847797	-86.938400	56285.92	56231.7	18.30	56304.22	56301.91406	56322.70831	56320.19922	504519.3	5410538.2
L4520.0	504519.3	5410540.1	31150.09961	322.94	0	48.847814	-86.938400	56286.16	56231.7	18.31	56304.46	56302.14844	56322.71774	56320.19922	504519.3	5410540.1
L4520.0	504519.3	5410541.7	31150.19922	321.76	0	48.847829	-86.938400	56286.74	56231.7	18.31	56305.05	56302.73438	56331.17063	56328.64453	504519.3	5410541.7
L4520.0	504519.3	5410543.0	31150.30078	321.45	0	48.847841	-86.938400	56287.11	56231.7	18.32	56305.43	56303.10938	56334.49879	56331.96484	504519.3	5410543.0
L4520.0	504519.3	5410543.0	31150.40039	320.63	0	48.847841	-86.938400	56286.89	56231.7	18.33	56305.22	56302.89844	56323.88083	56321.33984	504519.3	5410543.0
L4520.0	504519.3	5410544.7	31150.50000	322.40	0	48.847856	-86.938400	56287.20	56231.7	18.33	56305.54	56303.21094	56325.90110	56323.35156	504519.3	5410544.7
L4520.0	504519.3	5410546.8	31150.59961	323.78	0	48.847875	-86.938399	56287.78	56231.7	18.34	56306.12	56303.78906	56334.03594	56331.48047	504519.3	5410546.8
L4520.0	504519.3	5410546.8	31150.69922	322.44	0	48.847875	-86.938399	56287.56	56231.7	18.35	56305.91	56303.57422	56323.73312	56321.16797	504519.3	5410546.8
L4520.0	504519.3	5410548.3	31150.80078	323.04	0	48.847888	-86.938399	56287.94	56231.6	18.36	56306.30	56303.96094	56327.51641	56324.94531	504519.3	5410548.3
L4520.0	504519.3	5410549.7	31150.90039	324.87	0	48.847901	-86.938399	56288.22	56231.6	18.36	56306.59	56304.25000	56329.02218	56326.44141	504519.3	5410549.7
L4520.0	504519.3	5410551.2	31151.00000	326.49	0	48.847914	-86.938399	56288.42	56231.6	18.37	56306.79	56304.44531	56328.47379	56325.88672	504519.3	5410551.2
L4520.0	504519.3	5410551.2	31151.09961	327.09	0	48.847914	-86.938399	56288.58	56231.6	18.37	56306.95	56304.60156	56327.01549	56324.42188	504519.3	5410551.2
L4520.0	504519.4	5410552.9	31151.19922	325.78	0	48.847930	-86.938399	56289.27	56231.6	18.38	56307.65	56305.30078	56338.50204	56335.90234	504519.4	5410552.9
L4520.0	504519.4	5410552.9	31151.30078	325.17	0	48.847930	-86.938399	56289.01	56231.6	18.38	56307.39	56305.03906	56327.00776	56324.39844	504519.4	5410552.9
L4520.0	504519.4	5410554.6	31151.40039	326.17	0	48.847945	-86.938399	56289.24	56231.6	18.39	56307.62	56305.26563	56327.26751	56324.65234	504519.4	5410554.6
L4520.0	504519.4	5410556.3	31151.50000	327.14	0	48.847960	-86.938399	56289.21	56231.6	18.39	56307.61	56305.25391	56321.59554	56318.97656	504519.4	5410556.3
L4520.0	504519.4	5410558.2	31151.59961	328.35	0	48.847978	-86.938398	56289.71	56231.6	18.39	56308.10	56305.74219	56328.28923	56325.66406	504519.4	5410558.2
L4520.0	504519.4	5410558.2	31151.69922	328.06	0	48.847978	-86.938398	56289.85	56231.6	18.40	56308.25	56305.89063	56326.51259	56323.87891	504519.4	5410558.2
L4520.0	504519.4	5410559.9	31151.80078	327.36	0	48.847993	-86.938398	56290.34	56231.6	18.40	56308.74	56306.37891	56333.07104	56330.43359	504519.4	5410559.9
L4520.0	504519.4	5410559.9	31151.80078	327.36	0	48.847993	-86.938398	56290.77	56231.6	18.40	56309.18	56306.81641	56337.07619	56334.43359	504519.4	5410559.9
L4520.0	504519.4	5410561.9	31152.00000	328.81	0	48.848010	-86.938398	56290.98	56231.6	18.41	56309.39	56307.02344	56336.94803	56334.30078	504519.4	5410561.9
L4520.0	504519.4	5410563.4	31152.09961	328.73	0	48.848024	-86.938398	56291.18	56231.6	18.42	56309.60	56307.23438	56336.76891	56334.11328	504519.4	5410563.4
L4520.0	504519.4	5410564.8	31152.19922	329.83	0	48.848036	-86.938398	56291.28	56231.6	18.42	56309.70	56307.33203	56334.54950	56331.89063	504519.4	5410564.8
L4520.0	504519.4	5410564.8	31152.30078	330.76	0	48.848036	-86.938398	56291.23	56231.6	18.43	56309.66	56307.29297	56329.73975	56327.07422	504519.4	5410564.8
L4520.0	504519.4	5410566.5	31152.40039	331.59	0	48.848052	-86.938398	56291.62	56231.6	18.43	56310.05	56307.68359	56332.69275	56330.02344	504519.4	5410566.5
L4520.0	504519.4	5410568.2	31152.50000	331.67	0	48.848067	-86.938398	56292.00	56231.6	18.43	56310.43	56308.06250	56335.43252	56332.75781	504519.4	5410568.2
L4520.0	504519.4	5410570.1	31152.59961	331.50	0	48.848085	-86.938397	56292.18	56231.6	18.44	56310.62	56308.25391	56334.69450	56332.01953	504519.4	5410570.1
L4520.0	504519.4	5410570.1	31152.69922	331.70	0	48.848085	-86.938397	56292.05	56231.6	18.44	56310.49	56308.12500	56328.15228	56325.47266	504519.4	5410570.1
L4520.0	504519.5	5410571.9	31152.80078	329.93	0	48.848100	-86.938397	56292.48	56231.6	18.45	56310.93	56308.56250	56331.89358	56329.20703	504519.5	5410571.9
L4520.0	504519.5	5410573.5	31152.90039	327.30	0	48.848115	-86.938397	56292.71	56231.5	18.46	56311.16	56308.79688	56331.82438	56329.13672	504519.5	5410573.5
L4520.0	504519.5	5410574.9	31153.00000	325.49	0	48.848128	-86.938397	56293.25	56231.5	18.46	56311.71	56309.34766	56337.45926	56334.76953	504519.5	5410574.9
L4520.0	504519.5	5410574.9	31153.09961	325.66	0	48.848128	-86.938397	56292.84	56231.5	18.46	56311.30	56308.93750	56325.95828	56323.26563	504519.5	5410574.9
L4520.0	504519.5	5410576.8	31153.19922	325.47	0	48.848145	-86.938397	56293.31	56231.5	18.47	56311.78	56309.41797	56328.83052	56326.13281	504519.5	5410576.8
L4520.0	504519.5	5410578.1	31153.30078	325.69	0	48.848156	-86.938397	56293.65	56231.5	18.47	56312.13	56309.76953	56331.74281	56329.04297	504519.5	5410578.1
L4520.0	504519.5	5410578.1	31153.40039	327.09	0	48.848156	-86.938397	56294.29	56231.5	18.48	56312.77	56310.41406	56341.92615	56339.22656	504519.5	5410578.1
L4520.0	504519.4	5410579.9	31153.50000	325.58	0	48.848172	-86.938397	56294.34	56231.5	18.49	56312.83	56310.47656	56337.47894	56334.77734	504519.4	5410579.9
L4520.0	504519.4	5410579.9	31153.59961	326.79	0	48.848172	-86.938397	56294.29	56231.5	18.49	56312.78	56310.42969	56330.32125	56327.61719	504519.4	5410579.9
L4520.0	504519.4	5410581.6	31153.69922	326.38	0	48.848188	-86.938398	56294.81	56231.5	18.50	56313.31	56310.96094	56337.66043	56334.95703	504519.4	5410581.6
L4520.0	504519.4	5410583.0	31153.80078	325.57	0	48.848201	-86.938398	56294.96	56231.5	18.50	56313.46	56311.11328	56335.52255	56332.81641	504519.4	5410583.0
L4520.0	504519.4	5410584.9	31153.80078	325.57	0	48.848218	-86.938398	56294.96	56231.5	18.50	56313.46	56311.11719	56329.67610	56326.97266	504519.4	5410584.9
L4520.0	504519.4	5410584.9	31154.00000	324.89	0	48.848218	-86.938398	56295.52	56231.5	18.51	56314.03	56311.69141	56337.98090	56335.27734	504519.4	5410584.9
L4520.0	504519.4	5410586.4	31154.09961	325.74	0	48.848231	-86.938398	56295.83	56231.5	18.51	56314.34	56312.00391	56339.83878	56337.13281	504519.4	5410586.4
L4520.0	504519.4	5410587.9	31154.19922	326.33	0	48.848244	-86.938398	56295.90	56231.5	18.52	56314.41	56312.07813	56335.74238	56333.03906	504519.4	5410587.9
L4520.0	504519.4	5410587.9	31154.30078	327.48	0	48.848244	-86.938398	56296.06	56231.5	18.52	56314.58	56312.25391	56334.11803	56331.41406	504519.4	5410587.9
L4520.0	504519.4	5410589.9	31154.40039	328.54	0	48.848262	-86.938398	56296.29	56231.5	18.52	56314.81	56312.48828	56333.97235	56331.26953	504519.4	5410589.9
L4520.0	504519.3	5410591.4	31154.50000	327.80	0	48.848276	-86.938399	56296.31	56231.5	18.53	56314.83	56312.51563	56328.57953	56325.87891	504519.3	5410591.4
L4520.0	504519.3	5410593.1	31154.59961	327.49	0	48.848291	-86.938399	56296.64	56231.5	18.53	56315.17	56312.85938	56331.13923	56328.44141	504519.3	5410593.1
L4520.0	504519.3	5410593.1	31154.69922	326.11	0	48.848291	-86.938399	56297.11	56231.5	18.53	56315.64	56313.33594	56336.93113	56334.23438	504519.3	5410593.1
L4520.0	504519.3	5410594.3	31154.80078	327.82	0	48.848302	-86.938399	56297.23	56231.5	18.53	56315.76	56313.46094	56333.96455	56331.26953	504519.3	5410594.3
L4520.0	504519.3	5410596.1	31154.90039	327.48	0	48.848318	-86.938399	56297.41	56231.5	18.54	56315.94	56313.64453	56332.47198	56329.77734	504519.3	5410596.1
L4520.0	504519.3	5410596.1	31155.00000	327.44	0	48.848318	-86.938399	56297.51	56231.5	18.54	56316.05	56313.76172	56329.21138	56326.52344	504519.3	5410596.1
L4520.0	504519.3	5410597.8	31155.09961	328.26	0	48.848333	-86.938399	56298.02	56231.5	18.55	56316.57	56314.28906	56336.16680	56333.48047	504519.3	5410597.8
L4520.0	504519.3	5410599.2	31155.19922	328.61	0	48.848347	-86.938399	56298.28	56231.4	18.55	56316.83	56314.55469	56336.61160	56333.92969	504519.3	5410599.2
L4520.0	504519.3	5410601.1	31155.30078	329.56	0	48.848363	-86.938399	56298.53	56231.4	18.56	56317.09	56314.82422	56337.04108	56334.36328	504519.3	5410601.1
L4520.0	504519.3	5410601.1	31155.40039	329.26	0	48.848363	-86.938399	56298.61	56231.4	18.57	56317.18	56314.91797	56333.23093	56330.55469	504519.3	5410601.1
L4520.0	504519.3	5410602.6	31155.50000	327.39	0	48.848377	-86.938399	56299.09	56231.4	18.58	56317.66	56315.40625	56339.10658	56336.43750	504519.3	5410602.6
L4520.0	504519.3	5410604.5	31155.59961	326.34	0	48.848394	-86.938400	56299.25	56231.4	18.58	56317.83	56315.58594	56337.27226	56334.60547	504519.3	5410604.5
L4520.0	504519.3	5410606.2	31155.69922	326.56	0	48.848409	-86.938400	56299.88	56231.4	18.59	56318.47	56316.23438	56347.09146	56344.42969	504519.3	5410606.2
L4520.0	504519.3	5410606.2	31155.80078	326.34	0	48.848409	-86.938400	56299.84	56231.4	18.60	56318.43	56316.19922	56340.04663	56337.39063	504519.3	5410606.2
L4520.0	504519.3	5410607.7	31155.80078	326.34	0	48.848422	-86.938400	56300.09	56231.4	18.60	56318.68	56316.45703	56340.19443	56337.54297	504519.3	5410607.7
L4520.0	504519.3	5410607.7	31156.00000	324.58	0	48.848422	-86.938400	56300.57	56231.4	18.61	56319.18	56316.96875	56346.54882	56343.90234	504519.3	5410607.7
L4520.0	504519.3	5410609.4	31156.09961	325.28	0	48.848438	-86.938400	56300.39	56231.4	18.61	56319.00	56316.79688	56336.03255	56333.39453	504519.3	5410609.4
L4520.0	504519.3	5410611.2	31156.19922	325.65	0	48.848454	-86.938400	56300.80	56231.4	18.61	56319.41	56317.21484	56340.17151	56337.53906	504519.3	5410611.2
L4520.0	504519.3	5410612.9	31156.30078	324.81	0	48.848470	-86.938400	56301.04	56231.4	18.61	56319.65	56317.46484	56340.09388	56337.46875	504519.3	5410612.9
L4520.0	504519.3	5410612.9	31156.40039	324.16	0	48.848470	-86.938400	56301.28	56231.4	18.61	56319.89	56317.71484	56340.02328	56337.40625	504519.3	5410612.9
L4520.0	504519.3	5410614.6	31156.50000	326.02	0	48.848485	-86.938400	56301.52	56231.4	18.61	56320.13	56317.96484	56339.95880	56337.34766	504519.3	5410614.6
L4520.0	504519.3	5410614.6	31156.59961	326.67	0	48.848485	-86.938400	56301.92	56231.4	18.61	56320.53	56318.37500	56343.93918	56341.33594	504519.3	5410614.6
L4520.0	504519.3	5410616.9	31156.69922	327.59	0	48.848505	-86.938400	56301.90	56231.4	18.61	56320.51	56318.36328	56337.30694	56334.71094	504519.3	5410616.9
L4520.0	504519.3	5410618.3	31156.80078	328.06	0	48.848518	-86.938399	56302.28	56231.4	18.61	56320.89	56318.75391	56341.61246	56339.02344	504519.3	5410618.3
L4520.0	504519.3	5410619.5	31156.90039	327.00	0	48.848529	-86.938399	56302.53	56231.4	18.61	56321.14	56319.01563	56341.91125	56339.33203	504519.3	5410619.5
L4520.0	504519.3	5410619.5	31157.00000	328.43	0	48.848529	-86.938399	56302.87	56231.4	18.61	56321.48	56319.36719	56343.82552	56341.25391	504519.3	5410619.5
L4520.0	504519.3	5410621.2	31157.09961	328.58	0	48.848544	-86.938399	56303.00	56231.4	18.61	56321.61	56319.50781	56341.96110	56339.39844	504519.3	5410621.2
L4520.0	504519.3	5410623.0	31157.19922	329.52	0	48.848560	-86.938399	56303.54	56231.4	18.62	56322.16	56320.06641	56347.69251	56345.14063	504519.3	5410623.0
L4520.0	504519.3	5410623.0	31157.30078	329.60	0	48.848560	-86.938399	56303.76	56231.4	18.63	56322.38	56320.30078	56347.44758	56344.90625	504519.3	5410623.0
L4520.0	504519.3	5410624.8	31157.40039	329.72	0	48.848577	-86.938399	56304.24	56231.4	18.63	56322.87	56320.80078	56352.13247	56349.60156	504519.3	5410624.8
L4520.0	504519.3	5410626.0	31157.50000	330.19	0	48.848588	-86.938399	56303.97	56231.4	18.64	56322.60	56320.54297	56342.84927	56340.32813	504519.3	5410626.0
L4520.0	504519.3	5410626.0	31157.59961	330.22	0	48.848588	-86.938399	56304.47	56231.4	18.64	56323.11	56321.06641	56347.88516	56345.37109	504519.3	5410626.0
L4520.0	504519.3	5410628.0	31157.69922	329.12	0	48.848606	-86.938399	56304.66	56231.4	18.65	56323.31	56321.27734	56347.19030	56344.68750	504519.3	5410628.0
L4520.0	504519.3	5410629.6	31157.80078	329.64	0	48.848620	-86.938399	56305.04	56231.3	18.65	56323.69	56321.67188	56349.81168	56347.32031	504519.3	5410629.6
L4520.0	504519.3	5410629.6	31157.80078	329.64	0	48.848620	-86.938399	56305.02	56231.3	18.65	56323.67	56321.66406	56344.98235	56342.50391	504519.3	5410629.6
L4520.0	504519.3	5410633.3	31158.00000	326.96	0	48.848653	-86.938399	56305.37	56231.3	18.66	56324.03	56322.03516	56347.19502	56344.72656	504519.3	5410633.3

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4520.0	504519.3	5410633.3	31158.09961	327.85	0	48.848653	-86.938399	56305.78	56231.3	18.66	56324.44	56322.45703	56350.32457	56347.86719	504519.3	5410633.3
L4520.0	504519.3	5410635.0	31158.19922	326.81	0	48.848668	-86.938399	56305.75	56231.3	18.66	56324.42	56322.45313	56345.43887	56342.99609	504519.3	5410635.0
L4520.0	504519.3	5410635.0	31158.30078	328.93	0	48.848668	-86.938399	56306.11	56231.3	18.67	56324.78	56322.82422	56347.61205	56345.17969	504519.3	5410635.0
L4520.0	504519.3	5410636.8	31158.40039	329.15	0	48.848684	-86.938399	56306.24	56231.3	18.67	56324.91	56322.96875	56345.49944	56343.07813	504519.3	5410636.8
L4520.0	504519.3	5410638.5	31158.50000	328.50	0	48.848700	-86.938399	56306.52	56231.3	18.67	56325.19	56323.26172	56346.16673	56343.75781	504519.3	5410638.5
L4520.0	504519.3	5410638.5	31158.59961	327.31	0	48.848700	-86.938399	56307.08	56231.3	18.67	56325.75	56323.83594	56352.01342	56349.61719	504519.3	5410638.5
L4520.0	504519.3	5410640.0	31158.69922	328.88	0	48.848713	-86.938399	56306.95	56231.3	18.67	56325.62	56323.71875	56345.07531	56342.69141	504519.3	5410640.0
L4520.0	504519.3	5410642.1	31158.80078	329.61	0	48.848732	-86.938399	56307.59	56231.3	18.68	56326.27	56324.38281	56352.55949	56350.19141	504519.3	5410642.1
L4520.0	504519.3	5410642.1	31158.90039	329.34	0	48.848732	-86.938399	56307.70	56231.3	18.68	56326.37	56324.50000	56349.87843	56347.52344	504519.3	5410642.1
L4520.0	504519.3	5410643.5	31159.00000	330.09	0	48.848745	-86.938399	56307.79	56231.3	18.68	56326.47	56324.61328	56347.20616	56344.86328	504519.3	5410643.5
L4520.0	504519.3	5410644.9	31159.09961	329.88	0	48.848757	-86.938399	56308.43	56231.3	18.68	56327.11	56325.26953	56354.46587	56352.13672	504519.3	5410644.9
L4520.0	504519.3	5410644.9	31159.19922	328.58	0	48.848757	-86.938399	56308.11	56231.3	18.68	56326.79	56324.96484	56344.09071	56341.77734	504519.3	5410644.9
L4520.0	504519.3	5410647.1	31159.30078	327.67	0	48.848777	-86.938399	56308.48	56231.3	18.68	56327.16	56325.34766	56346.38872	56344.08594	504519.3	5410647.1
L4520.0	504519.3	5410648.4	31159.40039	327.94	0	48.848789	-86.938398	56308.99	56231.3	18.68	56327.67	56325.87500	56351.24445	56348.95703	504519.3	5410648.4
L4520.0	504519.3	5410648.4	31159.50000	328.66	0	48.848789	-86.938398	56308.96	56231.3	18.68	56327.64	56325.85938	56346.21750	56343.94531	504519.3	5410648.4
L4520.0	504519.3	5410649.9	31159.59961	328.26	0	48.848802	-86.938398	56309.64	56231.3	18.68	56328.32	56326.55469	56354.16844	56351.91016	504519.3	5410649.9
L4520.0	504519.3	5410651.7	31159.69922	328.42	0	48.848819	-86.938398	56309.35	56231.3	18.68	56328.03	56326.27734	56344.40402	56342.16016	504519.3	5410651.7
L4520.0	504519.3	5410653.1	31159.80078	330.19	0	48.848831	-86.938398	56309.84	56231.3	18.68	56328.52	56326.78516	56348.87583	56346.64453	504519.3	5410653.1
L4520.0	504519.3	5410653.1	31159.80078	330.19	0	48.848831	-86.938398	56309.96	56231.3	18.68	56328.64	56326.92188	56346.59847	56344.38281	504519.3	5410653.1
L4520.0	504519.3	5410654.3	31159.90039	329.70	0	48.848842	-86.938398	56310.47	56231.3	18.68	56329.15	56327.44531	56351.41961	56349.21875	504519.3	5410654.3
L4520.0	504519.3	5410655.8	31160.00000	328.25	0	48.848856	-86.938398	56310.58	56231.3	18.68	56329.26	56327.57031	56348.95703	56346.76953	504519.3	5410655.8
L4520.0	504519.3	5410657.4	31160.09961	328.46	0	48.848870	-86.938398	56311.06	56231.3	18.68	56329.75	56328.07813	56353.39685	56351.22266	504519.3	5410657.4
L4520.0	504519.3	5410657.4	31160.19922	327.82	0	48.848870	-86.938398	56311.03	56231.3	18.69	56329.72	56328.06250	56348.38885	56346.23047	504519.3	5410657.4
L4520.0	504519.3	5410659.2	31160.40039	326.54	0	48.848886	-86.938398	56311.61	56231.3	18.69	56330.30	56328.66016	56354.44068	56352.29297	504519.3	5410659.2
L4520.0	504519.4	5410660.8	31160.50000	325.36	0	48.848900	-86.938398	56311.75	56231.3	18.69	56330.45	56328.82813	56352.69051	56350.55859	504519.4	5410660.8
L4520.0	504519.4	5410660.8	31160.59961	326.63	0	48.848900	-86.938398	56312.03	56231.3	18.70	56330.73	56329.12109	56353.28856	56351.16797	504519.4	5410660.8
L4520.0	504519.4	5410662.7	31160.69922	326.62	0	48.848918	-86.938397	56312.34	56231.3	18.70	56331.04	56329.44922	56354.41961	56352.31250	504519.4	5410662.7
L4520.0	504519.4	5410664.2	31160.80078	327.09	0	48.848931	-86.938397	56312.39	56231.3	18.70	56331.09	56329.51563	56350.85621	56348.76563	504519.4	5410664.2
L4520.0	504519.4	5410665.4	31160.90039	328.63	0	48.848942	-86.938397	56312.93	56231.3	18.71	56331.63	56330.07031	56356.10631	56354.02734	504519.4	5410665.4
L4520.0	504519.4	5410665.4	31161.00000	328.87	0	48.848942	-86.938397	56313.02	56231.3	18.71	56331.73	56330.18750	56353.43286	56351.36719	504519.4	5410665.4
L4520.0	504519.4	5410667.7	31161.09961	328.25	0	48.848962	-86.938397	56313.03	56231.3	18.71	56331.74	56330.21484	56349.15181	56347.09766	504519.4	5410667.7
L4520.0	504519.5	5410669.3	31161.19922	327.66	0	48.848977	-86.938396	56313.67	56231.3	18.71	56332.38	56330.87109	56356.12409	56354.08594	504519.5	5410669.3
L4520.0	504519.5	5410670.4	31161.30078	327.93	0	48.848986	-86.938396	56313.33	56231.3	18.71	56332.04	56330.54688	56345.61218	56343.58594	504519.5	5410670.4
L4520.0	504519.5	5410670.4	31161.40039	326.74	0	48.848986	-86.938396	56314.15	56231.3	18.71	56332.86	56331.38672	56356.72003	56354.70703	504519.5	5410670.4
L4520.0	504519.5	5410671.9	31161.50000	326.24	0	48.849000	-86.938396	56314.18	56231.3	18.71	56332.88	56331.42188	56350.75116	56348.75000	504519.5	5410671.9
L4520.0	504519.5	5410671.9	31161.59961	326.55	0	48.849000	-86.938396	56314.61	56231.3	18.70	56333.31	56331.86719	56355.15041	56353.16016	504519.5	5410671.9
L4520.0	504519.5	5410674.0	31161.69922	327.01	0	48.849019	-86.938396	56314.79	56231.3	18.70	56333.49	56332.06641	56353.21445	56351.23438	504519.5	5410674.0
L4520.0	504519.5	5410675.5	31161.80078	328.34	0	48.849032	-86.938395	56315.45	56231.3	18.70	56334.15	56332.74219	56363.24622	56361.27734	504519.5	5410675.5
L4520.0	504519.5	5410675.5	31161.80078	328.34	0	48.849032	-86.938395	56315.38	56231.3	18.70	56334.08	56332.68750	56355.05394	56353.09766	504519.5	5410675.5
L4520.0	504519.5	5410677.8	31162.00000	327.53	0	48.849053	-86.938395	56316.12	56231.3	18.70	56334.82	56333.44531	56366.89105	56364.94141	504519.5	5410677.8
L4520.0	504519.6	5410679.6	31162.09961	327.31	0	48.849069	-86.938395	56316.04	56231.3	18.70	56334.73	56333.37109	56358.26326	56356.32422	504519.6	5410679.6
L4520.0	504519.6	5410679.6	31162.19922	326.59	0	48.849069	-86.938395	56316.17	56231.3	18.70	56334.87	56333.53125	56355.32773	56353.39844	504519.6	5410679.6
L4520.0	504519.6	5410681.3	31162.30078	326.01	0	48.849084	-86.938394	56316.16	56231.3	18.70	56334.86	56333.53516	56348.79938	56346.87891	504519.6	5410681.3
L4520.0	504519.6	5410682.7	31162.40039	327.41	0	48.849097	-86.938394	56316.29	56231.3	18.70	56334.99	56333.68359	56345.70779	56343.79688	504519.6	5410682.7
L4520.0	504519.6	5410684.4	31162.50000	326.13	0	48.849113	-86.938394	56316.81	56231.3	18.69	56335.50	56334.21094	56351.73118	56349.82813	504519.6	5410684.4
L4520.0	504519.6	5410684.4	31162.59961	326.19	0	48.849113	-86.938394	56316.81	56231.3	18.69	56335.50	56334.22656	56345.55962	56343.66406	504519.6	5410684.4
L4520.0	504519.6	5410685.9	31162.69922	322.81	0	48.849126	-86.938394	56317.62	56231.3	18.69	56336.31	56335.05469	56358.64429	56356.75781	504519.6	5410685.9
L4520.0	504519.7	5410687.4	31162.80078	324.30	0	48.849139	-86.938393	56317.62	56231.3	18.69	56336.31	56335.07031	56352.50051	56350.62109	504519.7	5410687.4
L4520.0	504519.7	5410687.4	31162.90039	324.26	0	48.849139	-86.938393	56317.98	56231.3	18.69	56336.67	56335.44531	56354.88468	56353.01172	504519.7	5410687.4
L4520.0	504519.7	5410689.2	31163.00000	322.28	0	48.849156	-86.938393	56318.70	56231.3	18.69	56337.39	56336.18359	56365.74559	56363.87891	504519.7	5410689.2
L4520.0	504519.7	5410691.1	31163.09961	323.02	0	48.849173	-86.938393	56318.74	56231.3	18.69	56337.43	56336.23828	56360.59115	56358.73047	504519.7	5410691.1
L4520.0	504519.7	5410692.7	31163.19922	324.07	0	48.849188	-86.938393	56319.38	56231.3	18.69	56338.08	56336.90625	56369.80889	56367.95313	504519.7	5410692.7
L4520.0	504519.7	5410692.7	31163.30078	325.30	0	48.849188	-86.938393	56319.11	56231.3	18.69	56337.80	56336.64063	56357.13665	56355.28516	504519.7	5410692.7
L4520.0	504519.7	5410694.8	31163.40039	326.02	0	48.849206	-86.938393	56319.22	56231.3	18.69	56337.92	56336.77734	56353.87873	56352.03125	504519.7	5410694.8
L4520.0	504519.7	5410694.8	31163.50000	328.33	0	48.849206	-86.938393	56319.46	56231.3	18.69	56338.15	56337.02344	56353.21206	56351.36719	504519.7	5410694.8
L4520.0	504519.7	5410696.2	31163.59961	328.53	0	48.849219	-86.938393	56319.69	56231.3	18.70	56338.38	56337.26953	56352.54202	56350.69922	504519.7	5410696.2
L4520.0	504519.7	5410697.9	31163.69922	328.30	0	48.849234	-86.938393	56319.87	56231.3	18.70	56338.56	56337.46875	56350.67586	56348.83594	504519.7	5410697.9
L4520.0	504519.7	5410699.4	31163.80078	328.86	0	48.849248	-86.938393	56320.68	56231.3	18.70	56339.38	56338.30469	56364.08286	56362.24609	504519.7	5410699.4
L4520.0	504519.7	5410699.4	31163.80078	328.86	0	48.849248	-86.938393	56320.63	56231.3	18.70	56339.33	56338.26953	56356.72301	56354.88672	504519.7	5410699.4
L4520.0	504519.7	5410700.9	31164.00000	325.49	0	48.849261	-86.938393	56320.98	56231.3	18.70	56339.68	56338.63672	56358.93360	56357.09766	504519.7	5410700.9
L4520.0	504519.7	5410702.1	31164.09961	325.28	0	48.849272	-86.938393	56321.38	56231.3	18.70	56340.07	56339.04297	56362.12527	56360.28906	504519.7	5410702.1
L4520.0	504519.7	5410703.8	31164.19922	324.25	0	48.849287	-86.938393	56321.42	56231.3	18.69	56340.11	56339.09766	56356.82516	56354.98828	504519.7	5410703.8
L4520.0	504519.7	5410703.8	31164.30078	325.56	0	48.849287	-86.938393	56321.81	56231.3	18.69	56340.50	56339.50391	56360.01554	56358.17969	504519.7	5410703.8
L4520.0	504519.6	5410705.3	31164.40039	326.25	0	48.849301	-86.938393	56322.09	56231.3	18.69	56340.77	56339.78906	56360.27638	56358.43750	504519.6	5410705.3
L4520.0	504519.6	5410707.0	31164.50000	326.47	0	48.849316	-86.938393	56322.39	56231.3	18.68	56341.07	56340.10156	56361.26263	56359.42188	504519.6	5410707.0
L4520.0	504519.6	5410708.7	31164.59961	327.75	0	48.849332	-86.938393	56322.63	56231.3	18.68	56341.31	56340.35938	56360.75730	56358.91406	504519.6	5410708.7
L4520.0	504519.6	5410708.7	31164.69922	329.62	0	48.849332	-86.938393	56323.31	56231.3	18.68	56341.99	56341.05469	56371.12540	56369.28125	504519.6	5410708.7
L4520.0	504519.6	5410710.4	31164.80078	327.00	0	48.849347	-86.938393	56323.31	56231.3	18.68	56341.99	56341.07031	56364.64990	56362.80078	504519.6	5410710.4
L4520.0	504519.7	5410711.9	31164.90039	326.73	0	48.849360	-86.938393	56323.42	56231.3	18.67	56342.09	56341.18359	56360.62147	56358.76953	504519.7	5410711.9
L4520.0	504519.7	5410713.8	31165.00000	327.73	0	48.849377	-86.938393	56323.72	56231.3	18.67	56342.39	56341.50000	56361.54808	56359.69141	504519.7	5410713.8
L4520.0	504519.7	5410713.8	31165.09961	327.65	0	48.849377	-86.938393	56324.20	56231.3	18.67	56342.87	56341.99219	56366.95165	56365.08984	504519.7	5410713.8
L4520.0	504519.7	5410715.7	31165.19922	326.01	0	48.849395	-86.938393	56324.39	56231.3	18.67	56343.05	56342.18750	56364.88215	56363.01172	504519.7	5410715.7
L4520.0	504519.7	5410717.3	31165.30078	326.58	0	48.849408	-86.938392	56324.82	56231.3	18.66	56343.48	56342.63281	56369.04141	56367.16797	504519.7	5410717.3
L4520.0	504519.7	5410717.3	31165.40039	326.18	0	48.849408	-86.938392	56325.15	56231.3	18.66	56343.81	56342.97656	56370.71199	56368.83203	504519.7	5410717.3
L4520.0	504519.7	5410718.8	31165.50000	326.31	0	48.849422	-86.938392	56325.28	56231.3	18.66	56343.94	56343.12109	56367.39486	56365.50781	504519.7	5410718.8
L4520.0	504519.7	5410718.8	31165.59961	326.93	0	48.849422	-86.938392	56325.84	56231.3	18.66	56344.50	56343.69531	56374.81623	56372.91797	504519.7	5410718.8
L4520.0	504519.7	5410720.7	31165.69922	325.59	0	48.849439	-86.938392	56325.89	56231.3	18.66	56344.54	56343.75000	56369.25968	56367.35547	504519.7	5410720.7
L4520.0	504519.7	5410720.7	31165.80078	326.38	0	48.849439	-86.938392	56325.86	56231.3	18.65	56344.52	56343.74609	56362.20304	56360.28906	504519.7	5410720.7
L4520.0	504519.8	5410722.4	31165.80078	326.38	0	48.849455	-86.938392	56325.79	56231.3	18.65	56344.44	56343.67969	56353.64314	56351.72266	504519.8	5410722.4
L4520.0	504519.8	5410724.1	31166.00000	327.21	0	48.849470	-86.938391	56326.02	56231.3	18.65	56344.67	56343.92188	56352.84093	56350.91016	504519.8	5410724.1
L4520.0	504519.8	5410725.7	31166.09961	328.19	0	48.849484	-86.938391	56326.68	56231.3	18.65	56345.33	56344.59766	56362.81578	56360.87500	504519.8	5410725.7
L4520.0	504519.8	5410725.7	31166.19922	329.83	0	48.849484	-86.938391	56327.22	56231.3	18.65	56345.87	56345.14844	56369.79989	56367.84766	504519.8	5410725.7
L4520.0	504519.8	5410727.7	31166.30078	330.09	0	48.849503	-86.938391	56328.06	56231.3	18.65	56346.71	56346.00391	56384.30784	56382.34375	504519.8	5410727.7
L4520.0	504519.8	5410727.7	31166.40039	329.31	0	48.849503	-86.938391	56328.16	56231.3	18.65	56346.81	56346.11719	56380.28300	56378.30859	504519.8	5410727.7
L4520.0	504519.8	5410729.7	31166.50000	328.84	0	48.849520	-86.938392	56328.32	56231.3	18.65	56346.97	56346.29297	56377.77024	56375.78516	504519.8	5410729.7
L4520.0	504519.7	5410731.4	31166.59961	327.34	0	48.849536	-86.938392	56328.08	56231.3	18.65	56346.73	56346.06250	56365.26451	56363.26563	504519.7	5410731.4
L4520.0	504519.7	5410731.4	31166.69922	326.65	0	48.849536	-86.938392	56328.52	56231.3	18.65	56347.17	56346.51953	56369.78544	56367.77344	504519.7	5410731.4
L4520.0	504519.7	5410733.1	31166.80078	326.69	0	48.849551	-86.938392	56328.72	56231.3	18.65	56347.37	56346.73047	56368.32083	56366.29688	504519.7	5410733.1
L4520.0	504519.7	5410734.4	31166.90039	327.52	0	48.849563	-86.938392	56328.72	56231.3	18.65	56347.37	56346.74609	56361.89912	56359.86328	504519.7	5410734.4
L4520.0	504519.7	5410734.4	31167.00000	327.39	0	48.849563	-86.938392	56329.38	56231.3	18.65	56348.03	56347.41797	56371.92940	56369.88281	504519.7	5410734.4
L4520.0	504519.7	5410736.1	31167.09961	327.77	0	48.849578	-86.938392	56329.11	56231.4	18.65	56347.75	56347.15234	56358.62760	56356.56641	504519.7	5410736.1
L4520.0	504519.7	5410737.8	31167.19922	326.22	0	48.849593	-86.938393	56329.54	56231.4	18.65	56348.19	56347.60547	56363.23568	56361.16016	504519.7	5410737.8
L4520.0	504519.7	5410739.4	31167.30078	326.70	0	48.849607	-86.938393	56330.02	56231.4	18.65	56348.67	56348.09766	56368.84958	56366.76172	504519.7	5410739.4

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4520.0	504519.7	5410739.4	31167.40039	327.26	0	48.849607	-86.938393	56330.74	56231.4	18.65	56349.38	56348.82031	56380.15992	56378.05859	504519.7	5410739.4
L4520.0	504519.7	5410740.8	31167.50000	327.84	0	48.849620	-86.938393	56330.51	56231.4	18.65	56349.16	56348.61328	56368.55557	56366.44141	504519.7	5410740.8
L4520.0	504519.7	5410742.7	31167.59961	326.75	0	48.849637	-86.938393	56331.32	56231.4	18.64	56349.97	56349.43750	56382.38880	56380.26172	504519.7	5410742.7
L4520.0	504519.7	5410744.5	31167.69922	325.16	0	48.849653	-86.938393	56331.14	56231.4	18.64	56349.78	56349.25781	56371.63682	56369.49609	504519.7	5410744.5
L4520.0	504519.7	5410744.5	31167.80078	325.13	0	48.849653	-86.938393	56331.53	56231.4	18.64	56350.17	56349.66406	56375.21668	56373.06250	504519.7	5410744.5
L4520.0	504519.7	5410746.2	31167.80078	325.13	0	48.849668	-86.938393	56331.73	56231.4	18.64	56350.38	56349.88672	56374.42015	56372.25391	504519.7	5410746.2
L4520.0	504519.7	5410746.2	31168.00000	325.21	0	48.849668	-86.938393	56331.81	56231.4	18.64	56350.45	56349.96875	56370.23085	56368.05078	504519.7	5410746.2
L4520.0	504519.7	5410747.6	31168.09961	325.49	0	48.849681	-86.938392	56332.40	56231.4	18.64	56351.04	56350.57031	56378.90935	56376.71484	504519.7	5410747.6
L4520.0	504519.7	5410749.5	31168.19922	326.13	0	48.849699	-86.938392	56332.45	56231.4	18.64	56351.09	56350.63672	56374.33861	56372.12891	504519.7	5410749.5
L4520.0	504519.7	5410750.7	31168.30078	324.32	0	48.849709	-86.938392	56332.57	56231.4	18.64	56351.22	56350.77734	56371.79241	56369.57031	504519.7	5410750.7
L4520.0	504519.7	5410750.7	31168.40039	323.94	0	48.849709	-86.938392	56332.98	56231.4	18.64	56351.63	56351.20313	56376.23510	56374.00000	504519.7	5410750.7
L4520.0	504519.7	5410752.4	31168.50000	323.46	0	48.849725	-86.938392	56333.34	56231.4	18.65	56351.99	56351.57422	56379.51900	56377.27344	504519.7	5410752.4
L4520.0	504519.7	5410753.9	31168.59961	326.84	0	48.849738	-86.938392	56333.39	56231.4	18.65	56352.03	56351.62891	56374.91871	56372.66016	504519.7	5410753.9
L4520.0	504519.7	5410753.9	31168.69922	327.11	0	48.849738	-86.938392	56333.86	56231.4	18.65	56352.50	56352.11328	56381.09767	56378.82813	504519.7	5410753.9
L4520.0	504519.7	5410755.8	31168.80078	328.21	0	48.849755	-86.938391	56333.86	56231.4	18.65	56352.50	56352.12500	56375.61431	56373.33203	504519.7	5410755.8
L4520.0	504519.8	5410757.2	31168.90039	328.62	0	48.849768	-86.938391	56334.52	56231.4	18.65	56353.17	56352.81250	56387.01262	56384.72266	504519.8	5410757.2
L4520.0	504519.8	5410758.6	31169.00000	327.40	0	48.849780	-86.938391	56334.56	56231.3	18.65	56353.21	56352.86328	56382.67819	56380.37500	504519.8	5410758.6
L4520.0	504519.8	5410758.6	31169.09961	328.03	0	48.849780	-86.938391	56335.02	56231.4	18.65	56353.67	56353.33984	56389.04129	56386.73047	504519.8	5410758.6
L4520.0	504519.8	5410760.2	31169.19922	328.36	0	48.849795	-86.938390	56334.85	56231.4	18.65	56353.50	56353.18359	56381.07312	56378.75000	504519.8	5410760.2
L4520.0	504519.9	5410762.2	31169.30078	328.77	0	48.849813	-86.938390	56335.00	56231.4	18.65	56353.64	56353.33984	56380.17153	56377.84375	504519.9	5410762.2
L4520.0	504519.9	5410762.2	31169.40039	328.18	0	48.849813	-86.938390	56335.56	56231.4	18.65	56354.21	56353.92578	56387.03003	56384.69531	504519.9	5410762.2
L4520.0	504519.9	5410763.6	31169.50000	327.36	0	48.849825	-86.938390	56335.10	56231.4	18.65	56353.75	56353.48047	56375.42887	56373.08594	504519.9	5410763.6
L4520.0	504519.9	5410765.3	31169.59961	325.98	0	48.849840	-86.938389	56335.97	56231.4	18.64	56354.62	56354.36328	56387.86872	56385.51953	504519.9	5410765.3
L4520.0	504519.9	5410765.3	31169.69922	326.10	0	48.849840	-86.938389	56335.56	56231.4	18.64	56354.20	56353.96094	56376.96193	56374.60547	504519.9	5410765.3
L4520.0	504519.9	5410766.8	31169.80078	327.57	0	48.849854	-86.938389	56336.13	56231.4	18.64	56354.77	56354.54688	56384.10803	56381.75000	504519.9	5410766.8
L4520.0	504519.9	5410768.2	31169.80078	327.57	0	48.849866	-86.938389	56336.30	56231.4	18.64	56354.94	56354.73438	56383.99578	56381.63281	504519.9	5410768.2
L4520.0	504519.9	5410769.9	31170.00000	328.61	0	48.849881	-86.938389	56336.94	56231.4	18.64	56355.58	56355.39063	56392.56176	56390.19922	504519.9	5410769.9
L4520.0	504519.9	5410772.0	31170.09961	328.12	0	48.849900	-86.938389	56336.71	56231.4	18.64	56355.35	56355.17578	56385.14404	56382.77734	504519.9	5410772.0
L4520.0	504519.9	5410772.0	31170.19922	328.80	0	48.849900	-86.938389	56337.07	56231.4	18.64	56355.70	56355.54688	56388.43077	56386.06641	504519.9	5410772.0
L4520.0	504519.9	5410773.5	31170.30078	328.91	0	48.849914	-86.938389	56337.04	56231.4	18.63	56355.68	56355.54297	56384.91684	56382.55469	504519.9	5410773.5
L4520.0	504520.0	5410775.2	31170.40039	329.44	0	48.849929	-86.938388	56336.99	56231.4	18.63	56355.62	56355.50000	56380.69797	56378.33594	504520.0	5410775.2
L4520.0	504520.0	5410776.6	31170.50000	331.54	0	48.849942	-86.938388	56337.58	56231.4	18.63	56356.21	56356.10938	56388.45952	56386.10156	504520.0	5410776.6
L4520.0	504520.0	5410778.3	31170.59961	332.59	0	48.849957	-86.938388	56337.24	56231.4	18.63	56355.87	56355.78906	56379.19030	56376.83594	504520.0	5410778.3
L4520.0	504520.0	5410778.3	31170.69922	331.45	0	48.849957	-86.938388	56337.75	56231.4	18.63	56356.38	56356.32031	56385.51595	56383.16797	504520.0	5410778.3
L4520.0	504520.0	5410779.6	31170.80078	330.55	0	48.849969	-86.938388	56338.14	56231.4	18.62	56356.77	56356.73047	56389.64962	56387.31250	504520.0	5410779.6
L4520.0	504520.0	5410779.6	31170.90039	331.07	0	48.849969	-86.938388	56337.99	56231.4	18.62	56356.61	56356.58984	56383.86574	56381.53906	504520.0	5410779.6
L4520.0	504520.0	5410781.4	31171.00000	329.05	0	48.849985	-86.938388	56338.70	56231.4	18.62	56357.32	56357.32422	56393.79902	56391.48438	504520.0	5410781.4
L4520.0	504520.0	5410782.8	31171.09961	327.60	0	48.849998	-86.938388	56338.66	56231.4	18.62	56357.28	56357.30469	56390.29661	56387.99219	504520.0	5410782.8
L4520.0	504520.0	5410784.1	31171.19922	325.84	0	48.850009	-86.938388	56338.88	56231.4	18.62	56357.50	56357.54688	56391.50130	56389.21094	504520.0	5410784.1
L4520.0	504520.0	5410784.1	31171.30078	326.90	0	48.850009	-86.938388	56338.73	56231.4	18.62	56357.34	56357.41016	56383.73163	56381.45703	504520.0	5410784.1
L4520.0	504520.0	5410785.7	31171.40039	327.52	0	48.850024	-86.938388	56338.95	56231.4	18.62	56357.57	56357.66406	56385.98482	56383.73047	504520.0	5410785.7
L4520.0	504520.0	5410787.0	31171.50000	326.63	0	48.850036	-86.938388	56338.78	56231.4	18.62	56357.39	56357.50781	56378.03944	56375.80469	504520.0	5410787.0
L4520.0	504520.0	5410788.7	31171.59961	324.24	0	48.850051	-86.938388	56339.03	56231.4	18.61	56357.64	56357.78516	56380.99927	56378.78516	504520.0	5410788.7
L4520.0	504520.0	5410788.7	31171.69922	324.35	0	48.850051	-86.938388	56339.42	56231.4	18.61	56358.03	56358.19922	56387.51522	56385.32422	504520.0	5410788.7
L4520.0	504520.0	5410789.9	31171.80078	323.50	0	48.850062	-86.938388	56339.21	56231.4	18.61	56357.83	56358.02734	56379.47450	56377.30859	504520.0	5410789.9
L4520.0	504520.0	5410791.4	31171.80078	323.50	0	48.850075	-86.938388	56339.39	56231.4	18.61	56358.00	56358.22266	56380.72496	56378.58984	504520.0	5410791.4
L4520.0	504520.0	5410793.0	31172.00000	324.59	0	48.850090	-86.938388	56339.64	56231.4	18.61	56358.25	56358.50000	56384.04528	56381.93750	504520.0	5410793.0
L4520.0	504520.0	5410793.0	31172.09961	324.44	0	48.850090	-86.938388	56339.21	56231.4	18.61	56357.83	56358.10938	56370.95882	56368.88281	504520.0	5410793.0
L4520.0	504520.0	5410794.6	31172.19922	324.81	0	48.850104	-86.938388	56340.06	56231.4	18.61	56358.67	56358.98047	56389.01073	56386.96875	504520.0	5410794.6
L4520.0	504519.9	5410796.2	31172.30078	325.88	0	48.850118	-86.938388	56340.13	56231.4	18.61	56358.74	56359.07813	56388.20078	56386.19531	504519.9	5410796.2
L4520.0	504519.9	5410798.0	31172.40039	327.60	0	48.850134	-86.938389	56340.00	56231.4	18.61	56358.62	56358.98828	56382.80226	56380.83594	504519.9	5410798.0
L4520.0	504519.9	5410798.0	31172.50000	327.28	0	48.850134	-86.938389	56340.54	56231.4	18.62	56359.15	56359.55078	56393.54447	56391.61719	504519.9	5410798.0
L4520.0	504519.9	5410799.6	31172.59961	327.10	0	48.850149	-86.938389	56340.31	56231.4	18.62	56358.93	56359.36328	56385.84032	56383.95703	504519.9	5410799.6
L4520.0	504519.9	5410801.5	31172.69922	329.15	0	48.850166	-86.938389	56340.54	56231.4	18.62	56359.16	56359.62891	56389.35835	56387.51953	504519.9	5410801.5
L4520.0	504519.9	5410803.0	31172.80078	329.27	0	48.850179	-86.938389	56340.46	56231.4	18.62	56359.08	56359.58203	56385.25072	56383.46094	504519.9	5410803.0
L4520.0	504519.9	5410803.0	31172.90039	328.12	0	48.850179	-86.938389	56340.54	56231.4	18.62	56359.16	56359.69531	56385.18848	56383.44922	504519.9	5410803.0
L4520.0	504519.9	5410804.7	31173.00000	329.18	0	48.850195	-86.938389	56340.71	56231.4	18.62	56359.33	56359.90234	56387.44626	56385.75781	504519.9	5410804.7
L4520.0	504519.9	5410804.7	31173.09961	329.39	0	48.850195	-86.938389	56340.71	56231.4	18.62	56359.33	56359.94141	56385.50184	56383.86719	504519.9	5410804.7
L4520.0	504519.8	5410807.7	31173.19922	328.36	0	48.850221	-86.938390	56340.69	56231.4	18.62	56359.31	56359.95703	56383.09524	56381.51953	504519.8	5410807.7
L4520.0	504519.8	5410807.7	31173.30078	327.15	0	48.850221	-86.938390	56340.80	56231.4	18.62	56359.41	56360.09766	56383.75400	56382.23828	504519.8	5410807.7
L4520.0	504519.8	5410809.2	31173.40039	327.42	0	48.850235	-86.938390	56340.41	56231.4	18.62	56359.02	56359.74609	56372.08713	56370.63281	504519.8	5410809.2
L4520.0	504519.8	5410811.0	31173.50000	325.24	0	48.850252	-86.938390	56340.82	56231.4	18.62	56359.44	56360.20703	56380.90805	56379.51953	504519.8	5410811.0
L4520.0	504519.8	5410811.0	31173.59961	326.47	0	48.850252	-86.938390	56341.13	56231.4	18.61	56359.74	56360.55078	56386.74182	56385.42188	504519.8	5410811.0
L4520.0	504519.7	5410812.7	31173.69922	326.32	0	48.850267	-86.938391	56341.13	56231.4	18.61	56359.74	56360.59375	56385.04023	56383.78906	504519.7	5410812.7
L4520.0	504519.7	5410812.7	31173.80078	326.04	0	48.850267	-86.938391	56341.15	56231.4	18.61	56359.76	56360.65625	56383.88578	56382.70703	504519.7	5410812.7
L4520.0	504519.7	5410814.5	31173.80078	326.04	0	48.850283	-86.938391	56340.99	56231.4	18.61	56359.60	56360.53906	56378.24553	56377.14453	504519.7	5410814.5
L4520.0	504519.7	5410816.3	31174.00000	326.54	0	48.850300	-86.938392	56341.46	56231.4	18.61	56360.07	56361.05469	56388.49371	56387.46875	504519.7	5410816.3
L4520.0	504519.7	5410816.3	31174.09961	325.71	0	48.850300	-86.938392	56341.02	56231.4	18.61	56359.63	56360.66406	56375.92323	56374.97656	504519.7	5410816.3
L4520.0	504519.7	5410818.3	31174.19922	327.86	0	48.850317	-86.938392	56341.58	56231.4	18.61	56360.19	56361.26953	56388.48308	56387.62109	504519.7	5410818.3
L4520.0	504519.6	5410819.7	31174.30078	328.53	0	48.850330	-86.938392	56341.28	56231.4	18.61	56359.88	56361.00781	56379.28543	56378.50781	504519.6	5410819.7
L4520.0	504519.6	5410819.7	31174.40039	327.95	0	48.850330	-86.938392	56341.22	56231.4	18.61	56359.83	56361.00781	56376.64697	56375.95703	504519.6	5410819.7
L4520.0	504519.6	5410821.3	31174.50000	327.75	0	48.850344	-86.938392	56341.28	56231.4	18.60	56359.88	56361.10938	56376.55002	56375.95313	504519.6	5410821.3
L4520.0	504519.6	5410821.3	31174.59961	327.43	0	48.850344	-86.938392	56341.76	56231.4	18.60	56360.36	56361.64063	56387.22335	56386.71875	504519.6	5410821.3
L4520.0	504519.7	5410823.1	31174.69922	326.77	0	48.850360	-86.938392	56341.66	56231.4	18.60	56360.27	56361.60547	56383.70519	56383.29688	504519.7	5410823.1
L4520.0	504519.7	5410825.0	31174.80078	326.95	0	48.850377	-86.938391	56341.68	56231.4	18.60	56360.29	56361.67578	56382.96763	56382.65625	504519.7	5410825.0
L4520.0	504519.7	5410826.5	31174.90039	327.69	0	48.850391	-86.938391	56341.89	56231.4	18.60	56360.50	56361.94141	56387.00704	56386.79688	504519.7	5410826.5
L4520.0	504519.7	5410827.4	31175.00000	326.87	0	48.850399	-86.938391	56341.71	56231.4	18.60	56360.31	56361.80859	56381.08282	56380.97656	504519.7	5410827.4
L4520.0	504519.7	5410827.4	31175.09961	327.24	0	48.850399	-86.938391	56342.04	56231.4	18.60	56360.64	56362.19531	56388.18426	56388.18359	504519.7	5410827.4
L4520.0	504519.7	5410829.5	31175.19922	326.78	0	48.850417	-86.938391	56341.84	56231.4	18.60	56360.44	56362.05078	56382.04825	56382.15625	504519.7	5410829.5
L4520.0	504519.8	5410830.9	31175.30078	325.88	0	48.850431	-86.938390	56341.89	56231.4	18.60	56360.48	56362.15234	56381.93589	56382.15234	504519.8	5410830.9
L4520.0	504519.8	5410830.9	31175.40039	325.62	0	48.850431	-86.938390	56341.96	56231.4	18.60	56360.56	56362.28906	56382.84277	56383.17578	504519.8	5410830.9
L4520.0	504519.8	5410832.4	31175.50000	326.65	0	48.850444	-86.938390	56342.20	56231.4	18.60	56360.79	56362.58203	56387.53366	56387.98047	504519.8	5410832.4
L4520.0	504519.8	5410834.4	31175.59961	328.56	0	48.850462	-86.938390	56342.02	56231.4	18.59	56360.61	56362.46094	56381.92924	56382.49219	504519.8	5410834.4
L4520.0	504519.8	5410834.4	31175.69922	326.65	0	48.850462	-86.938390	56341.96	56231.4	18.59	56360.56	56362.47656	56379.59710	56380.28125	504519.8	5410834.4
L4520.0	504519.8	5410836.1	31175.80078	325.04	0	48.850478	-86.938389	56342.30	56231.4	18.59	56360.89	56362.86719	56386.84660	56387.65234	504519.8	5410836.1
L4520.0	504519.8	5410836.1	31175.80078	325.04	0	48.850478	-86.938389	56342.06	56231.4	18.59	56360.65	56362.69141	56379.73517	56380.66797	504519.8	5410836.1
L4520.0	504519.9	5410838.1	31176.00000	326.00	0	48.850495	-86.938389	56341.87	56231.4	18.59	56360.46	56362.56641	56373.87780	56374.93750	504519.9	5410838.1
L4520.0	504519.9	5410839.6	31176.09961	326.65	0	48.850509	-86.938389	56342.15	56231.4	18.59	56360.74	56362.91406	56379.88575	56381.07031	504519.9	5410839.6
L4520.0	504519.9	5410841.6	31176.19922	325.14	0	48.850526	-86.938389	56342.06	56231.4	18.59	56360.65	56362.89063	56376.54797	56377.86328	504519.9	5410841.6
L4520.0	504519.9	5410841.6	31176.30078	327.14	0	48.850526	-86.938389	56342.04	56231.4	18.58	56360.63	56362.93750	56374.97335	56376.42188	504519.9	5410841.6
L4520.0	504519.9	5410843.1	31176.40039	327.80	0	48.850540	-86.938388	56342.56	56231.4	18.58	56361.14	56363.51563	56386.78227	56388.36719	504519.9	5410843.1
L4520.0	504519.9	5410844.5	31176.50000	327.79	0	48.850553	-86.938388	56342.22	56231.4	18.58	56360.80	56363.24609	56377.10580	56378.82813	504519.9	5410844.5
L4520.0	504519.9	5410846.0	31176.59961	328.45	0	48.850567	-86.938388	56342.27	56231.4	18.58	56360.85	56363.36719	56377.26844	56379.12500	504519.9	5410846.0

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4520.0	504519.9	5410846.0	31176.69922	328.52	0	48.850567	-86.938388	56342.57	56231.4	18.58	56361.15	56363.73828	56383.70713	56385.70313	504519.9	5410846.0
L4520.0	504520.0	5410848.1	31176.80078	327.40	0	48.850586	-86.938387	56342.35	56231.4	18.57	56360.93	56363.58984	56377.03883	56379.17969	504520.0	5410848.1
L4520.0	504520.0	5410849.9	31176.90039	328.89	0	48.850601	-86.938387	56342.58	56231.4	18.57	56361.15	56363.88281	56381.40295	56383.68750	504520.0	5410849.9
L4520.0	504520.0	5410849.9	31177.00000	327.92	0	48.850601	-86.938387	56342.32	56231.4	18.57	56360.89	56363.69531	56373.73775	56376.16406	504520.0	5410849.9
L4520.0	504520.0	5410851.1	31177.09961	326.21	0	48.850612	-86.938387	56342.61	56231.4	18.57	56361.18	56364.05859	56379.77620	56382.34766	504520.0	5410851.1
L4520.0	504520.1	5410853.1	31177.19922	328.02	0	48.850631	-86.938386	56342.86	56231.4	18.57	56361.43	56364.38281	56384.74777	56387.46875	504520.1	5410853.1
L4520.0	504520.1	5410853.1	31177.30078	328.65	0	48.850631	-86.938386	56342.65	56231.4	18.57	56361.23	56364.25781	56378.56765	56381.43750	504520.1	5410853.1
L4520.0	504520.1	5410855.8	31177.40039	326.70	0	48.850655	-86.938385	56342.73	56231.4	18.57	56361.31	56364.41016	56379.27931	56382.29688	504520.1	5410855.8
L4520.0	504520.1	5410855.8	31177.50000	326.77	0	48.850655	-86.938385	56342.68	56231.4	18.57	56361.26	56364.43750	56376.79103	56379.95703	504520.1	5410855.8
L4520.0	504520.1	5410857.3	31177.59961	325.98	0	48.850668	-86.938385	56342.73	56231.4	18.58	56361.31	56364.56250	56376.72567	56380.04297	504520.1	5410857.3
L4520.0	504520.1	5410857.3	31177.69922	325.14	0	48.850668	-86.938385	56342.66	56231.4	18.58	56361.24	56364.57031	56373.74475	56377.21484	504520.1	5410857.3
L4520.0	504520.1	5410859.2	31177.80078	325.13	0	48.850685	-86.938385	56342.94	56231.4	18.58	56361.52	56364.92578	56379.15448	56382.77734	504520.1	5410859.2
L4520.0	504520.2	5410860.6	31177.80078	325.13	0	48.850697	-86.938384	56342.71	56231.4	18.58	56361.29	56364.77344	56372.32365	56376.10156	504520.2	5410860.6
L4520.0	504520.2	5410862.4	31178.00000	325.35	0	48.850714	-86.938384	56343.12	56231.4	18.58	56361.70	56365.26172	56380.72113	56384.65234	504520.2	5410862.4
L4520.0	504520.2	5410863.8	31178.09961	324.14	0	48.850726	-86.938384	56342.91	56231.4	18.58	56361.49	56365.12891	56374.35989	56378.44531	504520.2	5410863.8
L4520.0	504520.2	5410863.8	31178.19922	323.40	0	48.850726	-86.938384	56343.50	56231.4	18.58	56362.07	56365.78516	56386.64690	56390.88672	504520.2	5410863.8
L4520.0	504520.2	5410866.0	31178.30078	323.35	0	48.850746	-86.938384	56343.06	56231.4	18.57	56361.64	56365.43359	56375.07168	56379.46484	504520.2	5410866.0
L4520.0	504520.2	5410867.3	31178.40039	324.72	0	48.850758	-86.938384	56343.52	56231.4	18.57	56362.10	56365.97266	56384.43405	56388.98438	504520.2	5410867.3
L4520.0	504520.2	5410867.3	31178.50000	324.21	0	48.850758	-86.938384	56343.34	56231.4	18.57	56361.91	56365.86328	56378.46517	56383.16797	504520.2	5410867.3
L4520.0	504520.2	5410869.2	31178.59961	324.36	0	48.850775	-86.938383	56343.35	56231.4	18.57	56361.92	56365.94922	56377.16256	56382.01953	504520.2	5410869.2
L4520.0	504520.2	5410870.8	31178.69922	324.36	0	48.850790	-86.938383	56343.63	56231.4	18.57	56362.19	56366.29688	56381.95100	56386.96094	504520.2	5410870.8
L4520.0	504520.2	5410870.8	31178.80078	326.33	0	48.850790	-86.938383	56343.39	56231.4	18.56	56361.96	56366.14453	56374.87863	56380.04297	504520.2	5410870.8
L4520.0	504520.2	5410870.8	31178.90039	326.95	0	48.850790	-86.938383	56343.50	56231.4	18.56	56362.06	56366.32422	56375.54599	56380.86328	504520.2	5410870.8
L4520.0	504520.3	5410872.9	31179.00000	326.60	0	48.850808	-86.938383	56343.93	56231.4	18.56	56362.49	56366.83203	56384.04214	56389.51172	504520.3	5410872.9
L4520.0	504520.3	5410874.2	31179.09961	325.94	0	48.850820	-86.938383	56343.98	56231.4	18.56	56362.54	56366.96094	56383.43179	56389.05469	504520.3	5410874.2
L4520.0	504520.3	5410875.4	31179.19922	326.92	0	48.850831	-86.938383	56343.90	56231.4	18.56	56362.46	56366.95703	56379.59956	56385.37500	504520.3	5410875.4
L4520.0	504520.3	5410876.9	31179.30078	327.13	0	48.850844	-86.938383	56344.08	56231.4	18.56	56362.65	56367.22656	56382.20618	56388.12891	504520.3	5410876.9
L4520.0	504520.3	5410876.9	31179.40039	325.91	0	48.850844	-86.938383	56343.71	56231.4	18.56	56362.27	56366.92188	56370.79692	56376.87109	504520.3	5410876.9
L4520.0	504520.3	5410878.6	31179.50000	325.69	0	48.850859	-86.938382	56344.08	56231.4	18.57	56362.65	56367.37891	56377.87478	56384.09375	504520.3	5410878.6
L4520.0	504520.3	5410880.3	31179.59961	326.66	0	48.850875	-86.938382	56344.16	56231.4	18.57	56362.73	56367.53516	56377.49299	56383.85938	504520.3	5410880.3
L4520.0	504520.3	5410880.3	31179.69922	326.82	0	48.850875	-86.938382	56344.06	56231.4	18.57	56362.63	56367.50781	56372.49097	56379.00391	504520.3	5410880.3
L4520.0	504520.3	5410881.8	31179.80078	327.25	0	48.850888	-86.938382	56344.59	56231.4	18.57	56363.16	56368.11328	56383.14912	56389.80469	504520.3	5410881.8
L4520.0	504520.4	5410884.0	31179.80078	327.25	0	48.850908	-86.938381	56344.32	56231.4	18.57	56362.89	56367.91797	56373.56322	56380.35938	504520.4	5410884.0
L4520.0	504520.4	5410885.2	31180.00000	328.62	0	48.850919	-86.938381	56344.95	56231.4	18.57	56363.52	56368.62109	56386.62928	56393.56250	504520.4	5410885.2
L4520.0	504520.4	5410885.2	31180.09961	328.84	0	48.850919	-86.938381	56344.52	56231.4	18.57	56363.09	56368.26563	56372.26608	56379.33984	504520.4	5410885.2
L4520.0	504520.4	5410886.7	31180.19922	328.14	0	48.850932	-86.938381	56344.86	56231.4	18.58	56363.43	56368.67578	56375.84964	56383.05859	504520.4	5410886.7
L4520.0	504520.4	5410888.5	31180.30078	329.46	0	48.850949	-86.938381	56344.77	56231.4	18.58	56363.35	56368.66797	56371.81242	56379.15234	504520.4	5410888.5
L4520.0	504520.4	5410890.2	31180.40039	329.04	0	48.850964	-86.938381	56344.65	56231.4	18.58	56363.23	56368.61719	56366.91664	56374.38672	504520.4	5410890.2
L4520.0	504520.4	5410891.7	31180.50000	329.77	0	48.850977	-86.938382	56345.14	56231.4	18.58	56363.72	56369.17969	56372.91170	56380.51172	504520.4	5410891.7
L4520.0	504520.4	5410891.7	31180.59961	330.05	0	48.850977	-86.938382	56344.88	56231.4	18.59	56363.46	56368.98828	56365.23243	56372.95703	504520.4	5410891.7
L4520.0	504520.3	5410893.2	31180.69922	329.50	0	48.850991	-86.938382	56345.23	56231.4	18.59	56363.82	56369.41406	56368.66929	56376.51563	504520.3	5410893.2
L4520.0	504520.3	5410894.9	31180.80078	329.71	0	48.851006	-86.938382	56345.48	56231.4	18.59	56364.08	56369.74219	56370.18507	56378.15234	504520.3	5410894.9
L4520.0	504520.3	5410894.9	31180.90039	329.24	0	48.851006	-86.938382	56345.64	56231.4	18.60	56364.24	56369.96484	56369.76697	56377.85156	504520.3	5410894.9
L4520.0	504520.3	5410896.9	31181.00000	328.26	0	48.851025	-86.938383	56345.77	56231.4	18.60	56364.37	56370.16016	56368.68325	56376.87891	504520.3	5410896.9
L4520.0	504520.3	5410898.7	31181.09961	328.66	0	48.851040	-86.938383	56346.25	56231.4	18.60	56364.85	56370.70313	56373.85966	56382.16797	504520.3	5410898.7
L4520.0	504520.3	5410898.7	31181.19922	327.15	0	48.851040	-86.938383	56346.23	56231.4	18.60	56364.82	56370.73438	56369.61783	56378.03125	504520.3	5410898.7
L4520.0	504520.2	5410900.3	31181.30078	326.45	0	48.851054	-86.938383	56346.33	56231.4	18.60	56364.93	56370.90234	56367.80622	56376.32422	504520.2	5410900.3
L4520.0	504520.2	5410901.7	31181.40039	326.42	0	48.851068	-86.938383	56347.00	56231.4	18.60	56365.59	56371.62109	56375.89045	56384.50781	504520.2	5410901.7
L4520.0	504520.2	5410901.7	31181.50000	326.70	0	48.851068	-86.938383	56347.25	56231.4	18.60	56365.84	56371.92969	56376.37534	56385.08984	504520.2	5410901.7
L4520.0	504520.2	5410903.7	31181.59961	328.32	0	48.851085	-86.938384	56347.23	56231.4	18.59	56365.82	56371.96484	56371.82245	56380.62891	504520.2	5410903.7
L4520.0	504520.2	5410905.1	31181.69922	330.05	0	48.851098	-86.938384	56347.48	56231.4	18.59	56366.07	56372.26953	56372.05472	56380.94922	504520.2	5410905.1
L4520.0	504520.2	5410905.1	31181.80078	328.65	0	48.851098	-86.938384	56347.66	56231.4	18.59	56366.25	56372.50000	56370.88721	56379.86719	504520.2	5410905.1
L4520.0	504520.2	5410906.5	31181.80078	328.65	0	48.851111	-86.938384	56347.76	56231.4	18.59	56366.35	56372.65234	56368.14312	56377.20313	504520.2	5410906.5
L4520.0	504520.1	5410908.0	31182.00000	327.66	0	48.851124	-86.938384	56348.22	56231.4	18.59	56366.81	56373.16016	56371.78790	56380.92188	504520.1	5410908.0
L4520.0	504520.1	5410909.7	31182.09961	328.69	0	48.851140	-86.938384	56348.44	56231.4	18.59	56367.03	56373.42969	56370.95446	56380.16016	504520.1	5410909.7
L4520.0	504520.1	5410909.7	31182.19922	329.01	0	48.851140	-86.938384	56348.70	56231.4	18.59	56367.29	56373.73438	56370.71163	56379.98438	504520.1	5410909.7
L4520.0	504520.1	5410911.3	31182.30078	327.82	0	48.851154	-86.938385	56348.88	56231.4	18.58	56367.47	56373.95703	56368.89489	56378.23047	504520.1	5410911.3
L4520.0	504520.1	5410912.5	31182.40039	328.96	0	48.851165	-86.938385	56349.45	56231.4	18.58	56368.03	56374.55859	56373.78076	56383.17188	504520.1	5410912.5
L4520.0	504520.1	5410913.7	31182.50000	326.78	0	48.851176	-86.938385	56349.82	56231.4	18.58	56368.40	56374.96875	56375.10520	56384.55078	504520.1	5410913.7
L4520.0	504520.1	5410913.7	31182.59961	326.95	0	48.851176	-86.938385	56349.77	56231.4	18.58	56368.35	56374.95703	56368.75769	56378.25000	504520.1	5410913.7
L4520.0	504520.1	5410915.7	31182.69922	327.32	0	48.851193	-86.938384	56350.39	56231.4	18.58	56368.97	56375.61328	56374.28728	56383.82422	504520.1	5410915.7
L4520.0	504520.1	5410917.1	31182.80078	327.38	0	48.851206	-86.938384	56350.92	56231.4	18.57	56369.50	56376.17578	56378.05413	56387.62891	504520.1	5410917.1
L4520.0	504520.1	5410917.1	31182.90039	327.14	0	48.851206	-86.938384	56350.92	56231.4	18.57	56369.49	56376.19922	56372.02390	56381.63281	504520.1	5410917.1
L4520.0	504520.1	5410918.9	31183.00000	327.74	0	48.851222	-86.938384	56351.46	56231.4	18.57	56370.03	56376.76953	56375.68164	56385.32031	504520.1	5410918.9
L4520.0	504520.1	5410920.3	31183.09961	327.87	0	48.851235	-86.938384	56352.02	56231.4	18.57	56370.59	56377.35547	56379.54502	56389.20703	504520.1	5410920.3
L4520.0	504520.1	5410920.3	31183.19922	328.04	0	48.851235	-86.938384	56352.22	56231.4	18.58	56370.80	56377.59375	56377.02511	56386.70313	504520.1	5410920.3
L4520.0	504520.2	5410922.0	31183.30078	329.09	0	48.851250	-86.938384	56352.73	56231.4	18.58	56371.32	56378.13672	56379.87884	56389.57031	504520.2	5410922.0
L4520.0	504520.2	5410923.4	31183.40039	327.79	0	48.851263	-86.938384	56353.18	56231.4	18.59	56371.76	56378.59766	56381.15892	56390.85547	504520.2	5410923.4
L4520.0	504520.2	5410924.9	31183.50000	326.10	0	48.851276	-86.938384	56353.07	56231.4	18.59	56371.66	56378.51563	56372.24587	56381.94531	504520.2	5410924.9
L4520.0	504520.2	5410924.9	31183.59961	325.54	0	48.851276	-86.938384	56353.84	56231.4	18.59	56372.43	56379.30469	56381.58356	56391.27734	504520.2	5410924.9
L4520.0	504520.2	5410926.1	31183.69922	325.67	0	48.851287	-86.938384	56354.22	56231.4	18.60	56372.82	56379.70703	56381.03137	56390.71875	504520.2	5410926.1
L4520.0	504520.2	5410927.8	31183.80078	326.17	0	48.851302	-86.938383	56354.70	56231.4	18.60	56373.30	56380.19922	56382.53179	56392.20313	504520.2	5410927.8
L4520.0	504520.2	5410927.8	31183.80078	326.17	0	48.851302	-86.938383	56355.44	56231.4	18.60	56374.04	56380.94922	56390.34749	56399.99609	504520.2	5410927.8
L4520.0	504520.2	5410929.4	31184.00000	327.66	0	48.851317	-86.938383	56355.72	56231.4	18.61	56374.33	56381.25000	56386.59892	56396.22266	504520.2	5410929.4
L4520.0	504520.2	5410930.5	31184.09961	327.78	0	48.851326	-86.938383	56356.26	56231.4	18.61	56374.87	56381.79297	56388.90697	56398.50000	504520.2	5410930.5
L4520.0	504520.2	5410932.2	31184.19922	327.20	0	48.851342	-86.938383	56356.67	56231.4	18.61	56375.28	56382.20703	56387.74664	56397.30078	504520.2	5410932.2
L4520.0	504520.2	5410932.2	31184.30078	327.78	0	48.851342	-86.938383	56357.02	56231.4	18.62	56375.64	56382.56641	56385.14859	56394.66016	504520.2	5410932.2
L4520.0	504520.2	5410934.0	31184.40039	328.51	0	48.851358	-86.938383	56358.02	56231.4	18.62	56376.64	56383.56641	56398.14206	56407.60547	504520.2	5410934.0
L4520.0	504520.2	5410935.0	31184.50000	327.05	0	48.851367	-86.938383	56357.94	56231.4	18.62	56376.56	56383.48438	56384.31931	56393.72656	504520.2	5410935.0
L4520.0	504520.2	5410936.5	31184.59961	326.18	0	48.851380	-86.938383	56358.76	56231.4	18.62	56377.38	56384.29688	56392.40393	56401.75000	504520.2	5410936.5
L4520.0	504520.2	5410936.5	31184.69922	326.26	0	48.851380	-86.938383	56359.12	56231.4	18.62	56377.74	56384.64844	56389.03705	56398.31641	504520.2	5410936.5
L4520.0	504520.2	5410937.9	31184.80078	326.37	0	48.851394	-86.938383	56359.70	56231.4	18.63	56378.33	56385.22656	56391.07906	56400.28516	504520.2	5410937.9
L4520.0	504520.2	5410939.7	31184.90039	325.74	0	48.851409	-86.938383	56360.19	56231.4	18.63	56378.82	56385.70313	56390.50281	56399.63281	504520.2	5410939.7
L4520.0	504520.2	5410939.7	31185.00000	324.56	0	48.851409	-86.938383	56360.82	56231.4	18.63	56379.45	56386.31641	56393.11851	56402.16406	504520.2	5410939.7
L4520.0	504520.2	5410941.7	31185.09961	323.39	0	48.851427	-86.938383	56361.29	56231.4	18.63	56379.92	56386.76953	56391.68874	56400.64844	504520.2	5410941.7
L4520.0	504520.2	5410943.5	31185.19922	323.54	0	48.851443	-86.938383	56361.74	56231.4	18.63	56380.38	56387.20703	56389.83752	56398.69922	504520.2	5410943.5
L4520.0	504520.2	5410945.0	31185.30078	324.19	0	48.851457	-86.938383	56362.43	56231.4	18.64	56381.07	56387.87500	56393.33656	56402.09766	504520.2	5410945.0
L4520.0	504520.2	5410945.0	31185.40039	323.92	0	48.851457	-86.938383	56362.69	56231.4	18.64	56381.33	56388.10938	56386.29615	56394.95313	504520.2	5410945.0
L4520.0	504520.2	5410947.3	31185.50000	324.51	0	48.851477	-86.938383	56363.79	56231.4	18.64	56382.43	56389.18359	56399.32553	56407.87109	504520.2	5410947.3
L4520.0	504520.2	5410948.8	31185.59961	324.44	0	48.851491	-86.938383	56364.02	56231.4	18.64	56382.66	56389.38281	56391.16588	56399.59375	504520.2	5410948.8
L4520.0	504520.2	5410948.8	31185.69922	323.70	0	48.851491	-86.938383	56364.98	56231.4	18.64	56383.62	56390.31250	56400.51103	56408.81641	504520.2	5410948.8
L4520.0	504520.2	5410950.3	31185.80078	323.97	0	48.851504	-86.938383	56365.52	56231.4	18.65	56384.17	56390.82813	56399.72981	56407.90625	504520.2	5410950.3
L4520.0	504520.2	5410951.5	31185.80078	323.97	0	48.851515	-86.938383	56366.04	56231.4	18.65	56384.68	56391.30078	56397.76477	56405.80859	504520.2	5410951.5

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4520.0	504520.2	5410953.5	31186.00000	327.34	0	48.851534	-86.938383	56367.14	56231.3	18.65	56385.79	56392.37109	56410.40717	56418.31250	504520.2	5410953.5
L4520.0	504520.2	5410953.5	31186.09961	328.26	0	48.851534	-86.938383	56367.26	56231.3	18.65	56385.91	56392.44922	56398.38491	56406.14453	504520.2	5410953.5
L4520.0	504520.2	5410955.0	31186.19922	328.63	0	48.851547	-86.938383	56368.48	56231.3	18.66	56387.14	56393.63672	56413.78451	56421.39453	504520.2	5410955.0
L4520.0	504520.2	5410955.0	31186.30078	328.69	0	48.851547	-86.938383	56368.38	56231.3	18.66	56387.04	56393.49219	56395.66810	56403.12500	504520.2	5410955.0
L4520.0	504520.3	5410957.2	31186.40039	328.20	0	48.851566	-86.938382	56369.71	56231.3	18.67	56388.37	56394.77344	56413.35358	56420.65234	504520.3	5410957.2
L4520.0	504520.3	5410959.8	31186.50000	328.32	0	48.851590	-86.938382	56369.86	56231.3	18.67	56388.53	56394.88672	56401.37396	56408.50781	504520.3	5410959.8
L4520.0	504520.3	5410960.7	31186.59961	328.69	0	48.851598	-86.938382	56370.88	56231.3	18.67	56389.55	56395.85547	56408.16931	56415.13672	504520.3	5410960.7
L4520.0	504520.3	5410960.7	31186.69922	330.75	0	48.851598	-86.938382	56371.37	56231.3	18.68	56390.04	56396.28906	56405.35558	56412.14844	504520.3	5410960.7
L4520.0	504520.3	5410962.5	31186.80078	329.83	0	48.851614	-86.938382	56372.19	56231.3	18.68	56390.87	56397.06641	56408.46863	56415.08203	504520.3	5410962.5
L4520.0	504520.3	5410962.5	31186.90039	329.65	0	48.851614	-86.938382	56373.05	56231.3	18.69	56391.73	56397.86719	56411.97133	56418.40234	504520.3	5410962.5
L4520.0	504520.3	5410964.2	31187.00000	330.32	0	48.851629	-86.938382	56373.59	56231.3	18.69	56392.28	56398.35938	56409.71894	56415.96484	504520.3	5410964.2
L4520.0	504520.3	5410965.8	31187.09961	330.47	0	48.851644	-86.938382	56374.38	56231.3	18.69	56393.07	56399.08984	56411.63555	56417.69141	504520.3	5410965.8
L4520.0	504520.3	5410966.8	31187.19922	329.02	0	48.851653	-86.938382	56375.07	56231.3	18.69	56393.76	56399.71484	56411.58726	56417.44531	504520.3	5410966.8
L4520.0	504520.3	5410968.8	31187.30078	328.33	0	48.851671	-86.938382	56375.47	56231.3	18.69	56394.17	56400.05859	56406.34208	56412.00000	504520.3	5410968.8
L4520.0	504520.3	5410968.8	31187.40039	328.46	0	48.851671	-86.938382	56376.63	56231.3	18.69	56395.32	56401.14453	56414.28156	56419.73828	504520.3	5410968.8
L4520.0	504520.3	5410970.3	31187.50000	328.04	0	48.851685	-86.938381	56377.32	56231.3	18.69	56396.01	56401.76563	56413.79514	56419.04688	504520.3	5410970.3
L4520.0	504520.3	5410972.1	31187.59961	328.13	0	48.851701	-86.938381	56377.90	56231.3	18.70	56396.59	56402.27734	56411.21819	56416.25781	504520.3	5410972.1
L4520.0	504520.3	5410972.1	31187.69922	328.28	0	48.851701	-86.938381	56378.92	56231.3	18.70	56397.62	56403.23438	56416.54272	56421.37109	504520.3	5410972.1
L4520.0	504520.3	5410973.6	31187.80078	328.28	0	48.851714	-86.938381	56379.64	56231.3	18.70	56398.34	56403.88281	56419.80070	56424.41016	504520.3	5410973.6
L4520.0	504520.3	5410973.6	31187.80078	328.28	0	48.851714	-86.938381	56380.48	56231.3	18.70	56399.17	56404.64063	56421.67643	56426.06641	504520.3	5410973.6
L4520.0	504520.3	5410975.8	31188.00000	326.04	0	48.851734	-86.938381	56381.19	56231.3	18.70	56399.89	56405.28516	56420.59099	56424.76172	504520.3	5410975.8
L4520.0	504520.3	5410977.7	31188.09961	326.32	0	48.851751	-86.938381	56382.29	56231.3	18.70	56400.99	56406.30859	56428.87862	56432.82422	504520.3	5410977.7
L4520.0	504520.3	5410979.1	31188.19922	325.97	0	48.851763	-86.938381	56382.95	56231.3	18.70	56401.65	56406.89063	56425.95086	56429.66406	504520.3	5410979.1
L4520.0	504520.3	5410980.6	31188.30078	325.76	0	48.851777	-86.938381	56383.48	56231.3	18.70	56402.18	56407.33984	56419.66178	56423.14453	504520.3	5410980.6
L4520.0	504520.3	5410980.6	31188.40039	325.93	0	48.851777	-86.938381	56384.51	56231.3	18.70	56403.21	56408.28906	56425.67517	56428.92578	504520.3	5410980.6
L4520.0	504520.3	5410983.4	31188.50000	325.90	0	48.851803	-86.938381	56385.07	56231.3	18.70	56403.77	56408.76953	56419.89057	56422.91016	504520.3	5410983.4
L4520.0	504520.3	5410983.4	31188.59961	325.63	0	48.851803	-86.938381	56386.48	56231.3	18.70	56405.18	56410.09375	56434.99038	56437.77344	504520.3	5410983.4
L4520.0	504520.3	5410985.1	31188.69922	326.14	0	48.851817	-86.938381	56387.29	56231.3	18.70	56405.99	56410.82031	56435.13005	56437.67188	504520.3	5410985.1
L4520.0	504520.3	5410985.1	31188.80078	326.59	0	48.851817	-86.938381	56388.11	56231.3	18.70	56406.81	56411.55859	56435.41018	56437.71094	504520.3	5410985.1
L4520.0	504520.3	5410986.5	31188.90039	326.05	0	48.851830	-86.938381	56388.85	56231.3	18.70	56407.55	56412.21094	56433.62216	56435.68359	504520.3	5410986.5
L4520.0	504520.3	5410988.3	31189.00000	326.92	0	48.851847	-86.938382	56389.64	56231.3	18.70	56408.34	56412.91797	56432.97579	56434.79297	504520.3	5410988.3
L4520.0	504520.3	5410989.8	31189.09961	326.97	0	48.851860	-86.938382	56390.61	56231.3	18.70	56409.31	56413.80078	56436.69020	56438.26563	504520.3	5410989.8
L4520.0	504520.3	5410989.8	31189.19922	327.88	0	48.851860	-86.938382	56391.35	56231.3	18.70	56410.05	56414.45313	56434.65612	56435.98828	504520.3	5410989.8
L4520.0	504520.2	5410991.9	31189.30078	326.47	0	48.851879	-86.938382	56392.29	56231.3	18.70	56411.00	56415.31250	56437.75757	56438.84375	504520.2	5410991.9
L4520.0	504520.2	5410993.6	31189.40039	326.01	0	48.851894	-86.938383	56392.98	56231.3	18.70	56411.68	56415.90625	56434.10212	56434.94141	504520.2	5410993.6
L4520.0	504520.2	5410993.6	31189.50000	326.56	0	48.851894	-86.938383	56394.03	56231.3	18.71	56412.73	56416.86719	56439.61822	56440.21484	504520.2	5410993.6
L4520.0	504520.2	5410995.1	31189.59961	327.29	0	48.851907	-86.938383	56394.85	56231.3	18.71	56413.55	56417.59766	56439.37311	56439.72266	504520.2	5410995.1
L4520.0	504520.2	5410995.1	31189.69922	327.23	0	48.851907	-86.938383	56396.04	56231.3	18.71	56414.75	56418.70703	56448.67499	56448.78125	504520.2	5410995.1
L4520.0	504520.2	5410996.5	31189.80078	327.10	0	48.851920	-86.938383	56397.22	56231.3	18.71	56415.93	56419.79688	56457.53342	56457.39453	504520.2	5410996.5
L4520.0	504520.1	5410997.7	31189.80078	327.10	0	48.851931	-86.938383	56398.19	56231.3	18.71	56416.90	56420.67578	56461.12813	56460.74609	504520.1	5410997.7
L4520.0	504520.1	5410999.4	31189.90039	327.11	0	48.851946	-86.938384	56398.86	56231.3	18.71	56417.56	56421.24609	56453.84731	56453.22266	504520.1	5410999.4
L4520.0	504520.1	5410999.4	31190.00000	327.41	0	48.851946	-86.938384	56399.80	56231.3	18.71	56418.51	56422.10547	56456.98759	56456.12109	504520.1	5410999.4
L4520.0	504520.1	5411001.1	31190.19922	327.66	0	48.851962	-86.938384	56400.97	56231.3	18.71	56419.68	56423.18750	56464.11840	56463.01172	504520.1	5411001.1
L4520.0	504520.1	5411003.1	31190.30078	328.97	0	48.851980	-86.938384	56401.58	56231.3	18.71	56420.29	56423.70703	56461.30157	56459.95313	504520.1	5411003.1
L4520.0	504520.1	5411004.5	31190.40039	329.77	0	48.851993	-86.938384	56402.70	56231.3	18.71	56421.41	56424.73438	56467.67101	56466.08594	504520.1	5411004.5
L4520.0	504520.1	5411004.5	31190.50000	328.66	0	48.851993	-86.938384	56403.35	56231.3	18.71	56422.05	56425.28516	56465.51663	56463.69531	504520.1	5411004.5
L4520.0	504520.1	5411006.4	31190.59961	328.10	0	48.852009	-86.938384	56404.26	56231.3	18.70	56422.96	56426.10547	56468.28163	56466.23047	504520.1	5411006.4
L4520.0	504520.1	5411008.3	31190.69922	329.29	0	48.852027	-86.938384	56405.06	56231.3	18.70	56423.76	56426.81641	56469.17159	56466.88672	504520.1	5411008.3
L4520.0	504520.1	5411008.3	31190.80078	330.62	0	48.852027	-86.938384	56406.25	56231.3	18.70	56424.96	56427.92969	56477.29717	56474.78516	504520.1	5411008.3
L4520.0	504520.1	5411010.1	31190.90039	328.71	0	48.852042	-86.938384	56406.92	56231.3	18.70	56425.62	56428.50000	56475.91698	56473.17969	504520.1	5411010.1
L4520.0	504520.1	5411010.1	31191.00000	329.26	0	48.852042	-86.938384	56407.86	56231.3	18.70	56426.56	56429.35156	56478.84448	56475.88281	504520.1	5411010.1
L4520.0	504520.1	5411011.3	31191.09961	328.81	0	48.852054	-86.938384	56408.70	56231.3	18.70	56427.40	56430.10547	56480.32174	56477.14063	504520.1	5411011.3
L4520.0	504520.1	5411013.2	31191.19922	328.36	0	48.852070	-86.938384	56409.44	56231.3	18.70	56428.14	56430.75781	56479.53440	56476.13672	504520.1	5411013.2
L4520.0	504520.1	5411014.7	31191.30078	328.58	0	48.852084	-86.938384	56410.62	56231.3	18.71	56429.33	56431.85938	56490.31902	56486.71094	504520.1	5411014.7
L4520.0	504520.1	5411014.7	31191.40039	326.81	0	48.852084	-86.938384	56411.28	56231.3	18.71	56429.99	56432.43359	56488.10922	56484.29297	504520.1	5411014.7
L4520.0	504520.1	5411016.7	31191.50000	325.51	0	48.852102	-86.938383	56412.13	56231.3	18.71	56430.83	56433.19141	56490.73189	56486.71094	504520.1	5411016.7
L4520.0	504520.2	5411018.4	31191.59961	326.48	0	48.852118	-86.938383	56412.68	56231.3	18.71	56431.40	56433.67578	56487.03222	56482.81250	504520.2	5411018.4
L4520.0	504520.2	5411018.4	31191.69922	324.04	0	48.852118	-86.938383	56414.09	56231.3	18.71	56432.80	56434.99219	56504.19000	56499.77344	504520.2	5411018.4
L4520.0	504520.2	5411019.7	31191.80078	322.78	0	48.852129	-86.938383	56414.88	56231.3	18.72	56433.60	56435.71094	56506.93094	56502.32031	504520.2	5411019.7
L4520.0	504520.2	5411021.4	31191.80078	322.78	0	48.852145	-86.938382	56415.67	56231.3	18.72	56434.39	56436.41797	56509.86575	56505.07031	504520.2	5411021.4
L4520.0	504520.2	5411023.0	31192.00000	324.46	0	48.852158	-86.938382	56416.18	56231.3	18.72	56434.90	56436.84766	56506.44508	56501.46875	504520.2	5411023.0
L4520.0	504520.2	5411023.0	31192.09961	324.41	0	48.852158	-86.938382	56416.59	56231.3	18.72	56435.31	56437.17969	56501.12076	56495.96875	504520.2	5411023.0
L4520.0	504520.3	5411024.7	31192.19922	324.66	0	48.852174	-86.938381	56417.54	56231.3	18.72	56436.26	56438.05078	56509.45734	56504.13281	504520.3	5411024.7
L4520.0	504520.3	5411025.9	31192.30078	325.64	0	48.852185	-86.938381	56417.99	56231.3	18.72	56436.71	56438.42578	56506.20849	56500.72266	504520.3	5411025.9
L4520.0	504520.3	5411025.9	31192.40039	325.51	0	48.852185	-86.938381	56418.71	56231.3	18.72	56437.43	56439.07031	56510.09152	56504.44531	504520.3	5411025.9
L4520.0	504520.3	5411027.8	31192.50000	327.77	0	48.852202	-86.938381	56419.14	56231.3	18.72	56437.87	56439.43359	56507.78956	56501.99219	504520.3	5411027.8
L4520.0	504520.3	5411029.5	31192.59961	326.90	0	48.852217	-86.938380	56419.73	56231.3	18.73	56438.45	56439.94141	56509.51169	56503.56641	504520.3	5411029.5
L4520.0	504520.4	5411031.2	31192.69922	325.71	0	48.852233	-86.938380	56420.16	56231.3	18.73	56438.89	56440.30859	56508.47505	56502.39063	504520.4	5411031.2
L4520.0	504520.4	5411031.2	31192.80078	327.80	0	48.852233	-86.938380	56421.21	56231.3	18.73	56439.94	56441.28906	56522.96206	56516.74219	504520.4	5411031.2
L4520.0	504520.4	5411033.2	31192.90039	327.45	0	48.852251	-86.938379	56421.48	56231.3	18.73	56440.21	56441.48828	56519.13575	56512.78906	504520.4	5411033.2
L4520.0	504520.4	5411034.4	31193.00000	328.22	0	48.852261	-86.938379	56422.11	56231.3	18.73	56440.84	56442.05078	56524.79554	56518.33203	504520.4	5411034.4
L4520.0	504520.5	5411036.2	31193.09961	328.28	0	48.852277	-86.938379	56422.69	56231.3	18.73	56441.42	56442.56641	56529.93688	56523.35938	504520.5	5411036.2
L4520.0	504520.5	5411036.2	31193.19922	326.40	0	48.852277	-86.938379	56422.66	56231.3	18.73	56441.39	56442.46875	56520.75885	56514.07422	504520.5	5411036.2
L4520.0	504520.5	5411038.2	31193.30078	325.12	0	48.852296	-86.938378	56423.36	56231.3	18.73	56442.08	56443.09766	56530.04670	56523.26563	504520.5	5411038.2
L4520.0	504520.5	5411038.2	31193.40039	324.82	0	48.852296	-86.938378	56423.78	56231.3	18.73	56442.51	56443.46484	56533.65614	56526.78516	504520.5	5411038.2
L4520.0	504520.5	5411040.1	31193.50000	325.02	0	48.852312	-86.938378	56424.07	56231.3	18.72	56442.79	56443.68359	56534.29921	56527.34766	504520.5	5411040.1
L4520.0	504520.5	5411041.5	31193.59961	324.39	0	48.852325	-86.938378	56424.04	56231.3	18.72	56442.77	56443.60547	56528.24809	56521.22266	504520.5	5411041.5
L4520.0	504520.5	5411043.1	31193.69922	326.26	0	48.852339	-86.938378	56424.40	56231.3	18.72	56443.12	56443.89844	56532.17022	56525.07422	504520.5	5411043.1
L4520.0	504520.5	5411043.1	31193.80078	327.75	0	48.852339	-86.938378	56424.58	56231.3	18.72	56443.30	56444.02344	56532.66572	56525.51172	504520.5	5411043.1
L4520.0	504520.5	5411044.8	31193.80078	327.75	0	48.852355	-86.938377	56424.86	56231.3	18.72	56443.58	56444.25000	56536.48049	56529.27734	504520.5	5411044.8
L4520.0	504520.6	5411046.5	31194.00000	326.55	0	48.852370	-86.938377	56425.06	56231.3	18.72	56443.78	56444.39844	56539.15467	56531.91406	504520.6	5411046.5
L4520.0	504520.6	5411047.9	31194.09961	326.81	0	48.852382	-86.938377	56425.12	56231.3	18.72	56443.84	56444.40625	56539.21407	56531.93750	504520.6	5411047.9
L4520.0	504520.6	5411049.1	31194.19922	326.75	0	48.852393	-86.938376	56425.29	56231.3	18.72	56444.01	56444.52734	56542.92318	56535.62109	504520.6	5411049.1
L4520.0	504520.6	5411049.1	31194.30078	327.82	0	48.852393	-86.938376	56425.21	56231.3	18.72	56443.94	56444.41016	56541.56561	56534.25000	504520.6	5411049.1
L4520.0	504520.6	5411050.3	31194.40039	328.51	0	48.852404	-86.938376	56425.06	56231.3	18.72	56443.78	56444.20703	56538.89684	56531.57422	504520.6	5411050.3
L4520.0	504520.7	5411051.8	31194.50000	326.88	0	48.852418	-86.938376	56424.66	56231.3	18.73	56443.38	56443.76172	56531.17205	56523.85156	504520.7	5411051.8
L4520.0	504520.7	5411053.6	31194.59961	326.24	0	48.852434	-86.938375	56424.83	56231.3	18.73	56443.56	56443.89844	56538.93462	56531.62500	504520.7	5411053.6
L4520.0	504520.7	5411053.6	31194.69922	325.68	0	48.852434	-86.938375	56424.63	56231.3	18.73	56443.36	56443.66016	56538.16854	56530.87891	504520.7	5411053.6
L4520.0	504520.7	5411055.6	31194.80078	325.58	0	48.852452	-86.938375	56424.66	56231.3	18.73	56443.38	56443.64063	56543.92477	56536.66797	504520.7	5411055.6
L4520.0	504520.7	5411057.3	31194.90039	324.57	0	48.852468	-86.938375	56424.17	56231.3	18.73	56442.90	56443.12500	56538.12994	56530.91016	504520.7	5411057.3
L4520.0	504520.7	5411059.1	31195.00000	325.19	0	48.852484	-86.938375	56424.09	56231.3	18.73	56442.82	56443.00781	56543.41854	56536.25000	504520.7	5411059.1
L4520.0	504520.7	5411059.1	31195.09961	325.06	0	48.852484	-86.938375	56424.04	56231.3	18.73	56442.77	56442.92578	56550.51670	56543.40625	504520.7	5411059.1
L4520.0	504520.7	5411060.6	31195.19922	327.02	0	48.852497	-86.938374	56423.61	56231.3	18.73	56442.34	56442.46094	56549.07470	56542.03125	504520.7	5411060.6

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4520.0	504520.8	5411062.4	31195.30078	327.47	0	48.852513	-86.938374	56423.05	56231.3	18.73	56441.78	56441.87109	56545.38847	56538.42188	504520.8	5411062.4
L4520.0	504520.8	5411062.4	31195.40039	327.81	0	48.852513	-86.938374	56422.62	56231.3	18.73	56441.35	56441.41406	56546.05466	56539.17578	504520.8	5411062.4
L4520.0	504520.8	5411063.6	31195.50000	326.25	0	48.852524	-86.938374	56421.97	56231.3	18.73	56440.70	56440.73828	56556.28339	56549.50000	504520.8	5411063.6
L4520.0	504520.8	5411064.8	31195.59961	326.91	0	48.852535	-86.938374	56421.54	56231.3	18.73	56440.27	56440.28125	56558.21906	56551.53906	504520.8	5411064.8
L4520.0	504520.8	5411066.8	31195.69922	327.63	0	48.852552	-86.938374	56420.72	56231.3	18.73	56439.45	56439.43750	56553.94069	56547.37500	504520.8	5411066.8
L4520.0	504520.8	5411068.3	31195.80078	328.31	0	48.852566	-86.938374	56420.06	56231.3	18.73	56438.79	56438.75391	56553.22828	56546.78906	504520.8	5411068.3
L4520.0	504520.8	5411068.3	31195.80078	328.31	0	48.852566	-86.938374	56419.37	56231.3	18.73	56438.10	56438.04688	56552.70458	56546.40234	504520.8	5411068.3
L4520.0	504520.8	5411069.5	31196.00000	326.40	0	48.852577	-86.938374	56418.86	56231.3	18.73	56437.59	56437.51563	56556.13685	56549.97656	504520.8	5411069.5
L4520.0	504520.8	5411070.8	31196.09961	327.09	0	48.852588	-86.938374	56418.10	56231.3	18.73	56436.83	56436.73828	56555.81268	56549.80859	504520.8	5411070.8
L4520.0	504520.8	5411070.8	31196.19922	327.63	0	48.852588	-86.938374	56417.25	56231.3	18.73	56435.98	56435.87109	56554.58987	56548.74609	504520.8	5411070.8
L4520.0	504520.8	5411072.6	31196.30078	328.83	0	48.852605	-86.938374	56416.23	56231.3	18.73	56434.96	56434.83594	56551.01348	56545.34375	504520.8	5411072.6
L4520.0	504520.8	5411072.6	31196.40039	328.29	0	48.852605	-86.938374	56415.32	56231.3	18.73	56434.05	56433.91406	56550.13881	56544.65234	504520.8	5411072.6
L4520.0	504520.8	5411074.6	31196.50000	328.14	0	48.852623	-86.938373	56414.52	56231.3	18.73	56433.25	56433.10156	56551.97834	56546.68359	504520.8	5411074.6
L4520.0	504520.8	5411076.0	31196.59961	327.76	0	48.852635	-86.938373	56413.66	56231.3	18.73	56432.39	56432.23438	56553.44897	56548.35547	504520.8	5411076.0
L4520.0	504520.8	5411077.2	31196.69922	328.12	0	48.852646	-86.938373	56412.94	56231.3	18.73	56431.67	56431.50391	56558.17589	56553.29297	504520.8	5411077.2
L4520.0	504520.8	5411078.9	31196.80078	328.83	0	48.852662	-86.938373	56411.59	56231.3	18.73	56430.32	56430.14453	56552.15005	56547.48828	504520.8	5411078.9
L4520.0	504520.8	5411078.9	31196.90039	328.31	0	48.852662	-86.938373	56410.31	56231.3	18.73	56429.04	56428.85938	56548.08906	56543.65625	504520.8	5411078.9
L4520.0	504520.8	5411080.4	31197.00000	328.13	0	48.852675	-86.938373	56408.91	56231.3	18.73	56427.64	56427.45703	56542.53726	56538.34375	504520.8	5411080.4
L4520.0	504520.8	5411080.4	31197.09961	329.46	0	48.852675	-86.938373	56407.40	56231.3	18.73	56426.13	56425.94141	56535.67981	56531.73438	504520.8	5411080.4
L4520.0	504520.9	5411082.4	31197.19922	329.05	0	48.852693	-86.938373	56406.25	56231.3	18.73	56424.98	56424.78906	56536.05112	56532.35938	504520.9	5411082.4
L4520.0	504520.9	5411083.9	31197.30078	329.27	0	48.852707	-86.938373	56404.68	56231.3	18.73	56423.41	56423.21875	56529.49175	56526.06641	504520.9	5411083.9
L4520.0	504520.9	5411083.9	31197.40039	329.02	0	48.852707	-86.938373	56403.60	56231.3	18.73	56422.33	56422.13672	56532.48027	56529.33203	504520.9	5411083.9
L4520.0	504520.9	5411087.3	31197.50000	328.53	0	48.852737	-86.938372	56402.30	56231.3	18.73	56421.03	56420.83984	56532.15008	56529.28516	504520.9	5411087.3
L4520.0	504520.9	5411087.3	31197.59961	328.68	0	48.852737	-86.938372	56400.97	56231.3	18.73	56419.70	56419.51172	56531.93403	56529.35938	504520.9	5411087.3
L4520.0	504520.9	5411088.6	31197.69922	328.41	0	48.852749	-86.938373	56399.57	56231.3	18.73	56418.30	56418.11328	56531.11070	56528.83594	504520.9	5411088.6
L4520.0	504520.9	5411090.1	31197.80078	327.25	0	48.852762	-86.938373	56397.22	56231.3	18.73	56415.95	56415.76953	56514.03298	56512.06641	504520.9	5411090.1
L4520.0	504520.9	5411090.1	31197.80078	327.25	0	48.852762	-86.938373	56396.22	56231.3	18.73	56414.95	56414.77344	56511.48963	56509.83984	504520.9	5411090.1
L4520.0	504520.8	5411092.0	31198.00000	327.48	0	48.852780	-86.938373	56394.26	56231.3	18.73	56412.99	56412.82031	56500.58880	56499.26563	504520.8	5411092.0
L4520.0	504520.8	5411093.5	31198.09961	326.58	0	48.852793	-86.938373	56392.83	56231.3	18.73	56411.56	56411.39453	56504.06906	56503.07813	504520.8	5411093.5
L4520.0	504520.8	5411093.5	31198.19922	327.12	0	48.852793	-86.938373	56391.02	56231.3	18.73	56409.74	56409.58203	56498.71410	56498.06250	504520.8	5411093.5
L4520.0	504520.8	5411095.2	31198.30078	326.96	0	48.852808	-86.938373	56389.46	56231.3	18.73	56408.19	56408.04297	56501.04852	56500.74219	504520.8	5411095.2
L4520.0	504520.8	5411096.9	31198.40039	326.23	0	48.852823	-86.938374	56387.34	56231.3	18.73	56406.07	56405.92969	56490.24178	56490.29297	504520.8	5411096.9
L4520.0	504520.8	5411096.9	31198.50000	326.03	0	48.852823	-86.938374	56384.94	56231.3	18.73	56403.67	56403.53906	56473.64288	56474.05859	504520.8	5411096.9
L4520.0	504520.7	5411098.1	31198.59961	325.87	0	48.852834	-86.938374	56383.34	56231.3	18.72	56402.06	56401.94141	56477.36543	56478.14844	504520.7	5411098.1
L4520.0	504520.7	5411099.8	31198.69922	326.10	0	48.852850	-86.938374	56381.37	56231.3	18.72	56400.09	56399.98047	56473.24464	56474.40234	504520.7	5411099.8
L4520.0	504520.7	5411101.8	31198.80078	325.51	0	48.852868	-86.938374	56379.96	56231.3	18.72	56398.69	56398.59375	56483.76001	56485.30078	504520.7	5411101.8
L4520.0	504520.7	5411101.8	31198.90039	325.90	0	48.852868	-86.938374	56377.64	56231.3	18.72	56396.37	56396.28516	56473.04669	56474.98047	504520.7	5411101.8
L4520.0	504520.7	5411103.6	31199.00000	323.54	0	48.852883	-86.938375	56375.68	56231.3	18.72	56394.40	56394.32813	56471.63353	56473.96484	504520.7	5411103.6
L4520.0	504520.7	5411103.6	31199.09961	323.35	0	48.852883	-86.938375	56373.51	56231.3	18.72	56392.23	56392.17188	56466.33894	56469.07031	504520.7	5411103.6
L4520.0	504520.7	5411105.5	31199.19922	322.76	0	48.852901	-86.938375	56371.52	56231.3	18.72	56390.24	56390.19531	56466.17208	56469.30859	504520.7	5411105.5
L4520.0	504520.7	5411107.2	31199.30078	321.11	0	48.852916	-86.938375	56368.86	56231.3	18.72	56387.59	56387.55859	56451.24495	56454.79688	504520.7	5411107.2
L4520.0	504520.7	5411108.9	31199.40039	322.19	0	48.852931	-86.938375	56366.82	56231.3	18.72	56385.55	56385.53125	56451.53925	56455.50781	504520.7	5411108.9
L4520.0	504520.7	5411108.9	31199.50000	323.65	0	48.852931	-86.938375	56364.71	56231.3	18.73	56383.43	56383.42578	56450.71819	56455.11328	504520.7	5411108.9
L4520.0	504520.7	5411111.8	31199.59961	324.77	0	48.852957	-86.938375	56362.07	56231.3	18.73	56380.80	56380.81250	56438.66187	56443.48438	504520.7	5411111.8
L4520.0	504520.7	5411111.8	31199.69922	325.31	0	48.852957	-86.938375	56360.12	56231.3	18.73	56378.84	56378.86719	56443.07289	56448.32813	504520.7	5411111.8
L4520.0	504520.7	5411113.5	31199.80078	325.00	0	48.852973	-86.938375	56357.36	56231.3	18.73	56376.08	56376.12109	56429.39686	56435.08984	504520.7	5411113.5
L4520.0	504520.7	5411113.5	31199.80078	325.00	0	48.852973	-86.938375	56355.34	56231.3	18.73	56374.07	56374.12500	56433.97655	56440.11328	504520.7	5411113.5
L4520.0	504520.7	5411115.2	31200.00000	324.65	0	48.852988	-86.938375	56353.09	56231.3	18.73	56371.82	56371.89063	56433.55569	56440.13672	504520.7	5411115.2
L4520.0	504520.7	5411116.8	31200.09961	325.79	0	48.853002	-86.938375	56351.21	56231.3	18.73	56369.94	56370.02734	56442.38997	56449.41797	504520.7	5411116.8
L4520.0	504520.7	5411118.2	31200.19922	326.18	0	48.853015	-86.938375	56348.50	56231.3	18.73	56367.23	56367.33203	56432.37357	56439.85547	504520.7	5411118.2
L4520.0	504520.7	5411118.2	31200.30078	326.50	0	48.853015	-86.938375	56345.59	56231.3	18.74	56364.33	56364.44531	56418.49334	56426.42969	504520.7	5411118.2
L4520.0	504520.7	5411120.0	31200.40039	325.64	0	48.853031	-86.938375	56342.96	56231.3	18.74	56361.70	56361.83203	56411.46309	56419.85938	504520.7	5411120.0
L4520.0	504520.7	5411121.8	31200.50000	325.55	0	48.853047	-86.938375	56340.08	56231.3	18.74	56358.82	56358.96484	56399.15004	56408.00781	504520.7	5411121.8
L4520.0	504520.7	5411121.8	31200.59961	325.66	0	48.853047	-86.938375	56337.98	56231.3	18.74	56356.72	56356.87891	56405.42942	56414.75000	504520.7	5411121.8
L4520.0	504520.7	5411123.0	31200.69922	325.28	0	48.853058	-86.938375	56335.07	56231.3	18.74	56353.82	56353.99609	56393.63960	56403.42188	504520.7	5411123.0
L4520.0	504520.7	5411124.6	31200.80078	326.32	0	48.853073	-86.938375	56333.02	56231.3	18.75	56351.76	56351.94922	56401.67615	56411.92578	504520.7	5411124.6
L4520.0	504520.6	5411126.1	31200.90039	325.16	0	48.853086	-86.938375	56329.71	56231.3	18.75	56348.46	56348.66406	56381.59569	56392.31641	504520.6	5411126.1
L4520.0	504520.6	5411126.1	31201.00000	324.82	0	48.853086	-86.938375	56327.50	56231.3	18.75	56346.25	56346.46484	56386.95131	56398.14063	504520.6	5411126.1
L4520.0	504520.6	5411128.1	31201.09961	326.23	0	48.853104	-86.938375	56324.46	56231.3	18.75	56343.21	56343.43750	56373.67623	56385.33594	504520.6	5411128.1
L4520.0	504520.6	5411129.8	31201.19922	324.57	0	48.853119	-86.938376	56321.50	56231.3	18.75	56340.25	56340.49219	56362.60989	56374.73828	504520.6	5411129.8
L4520.0	504520.6	5411131.7	31201.30078	323.30	0	48.853136	-86.938376	56318.79	56231.3	18.75	56337.54	56337.79297	56357.56899	56370.16797	504520.6	5411131.7
L4520.0	504520.6	5411131.7	31201.40039	324.42	0	48.853136	-86.938376	56316.12	56231.3	18.75	56334.87	56335.13672	56353.72285	56366.79688	504520.6	5411131.7
L4520.0	504520.5	5411133.6	31201.50000	323.25	0	48.853154	-86.938377	56313.31	56231.3	18.74	56332.05	56332.32813	56346.72280	56360.26563	504520.5	5411133.6
L4520.0	504520.5	5411134.8	31201.59961	321.71	0	48.853164	-86.938377	56310.50	56231.3	18.74	56329.25	56329.53906	56340.39535	56354.41016	504520.5	5411134.8
L4520.0	504520.5	5411134.8	31201.69922	321.71	0	48.853164	-86.938377	56308.05	56231.3	18.74	56326.79	56327.08984	56341.98660	56356.46875	504520.5	5411134.8
L4520.0	504520.5	5411136.6	31201.80078	321.58	0	48.853180	-86.938378	56305.32	56231.3	18.74	56324.06	56324.36719	56337.59537	56352.54297	504520.5	5411136.6
L4520.0	504520.4	5411138.0	31201.80078	321.58	0	48.853193	-86.938378	56302.74	56231.3	18.74	56321.48	56321.79688	56336.75893	56352.17578	504520.4	5411138.0
L4520.0	504520.4	5411139.6	31202.00000	324.12	0	48.853207	-86.938379	56299.96	56231.3	18.74	56318.70	56319.02344	56331.43298	56347.31641	504520.4	5411139.6
L4520.0	504520.4	5411139.6	31202.09961	323.67	0	48.853207	-86.938379	56297.20	56231.3	18.74	56315.94	56316.27344	56326.60452	56342.94922	504520.4	5411139.6
L4520.0	504520.3	5411141.2	31202.19922	324.43	0	48.853222	-86.938379	56294.55	56231.3	18.74	56313.29	56313.62891	56324.34002	56341.14453	504520.3	5411141.2
L4520.0	504520.3	5411142.8	31202.30078	323.82	0	48.853236	-86.938380	56291.79	56231.3	18.74	56310.53	56310.87500	56319.48607	56336.74609	504520.3	5411142.8
L4520.0	504520.3	5411142.8	31202.40039	326.12	0	48.853236	-86.938380	56288.88	56231.3	18.74	56307.62	56307.97266	56310.99117	56328.70703	504520.3	5411142.8
L4520.0	504520.3	5411144.2	31202.50000	327.09	0	48.853249	-86.938380	56286.23	56231.3	18.74	56304.97	56305.32813	56308.52518	56326.69531	504520.3	5411144.2
L4520.0	504520.2	5411145.7	31202.59961	326.68	0	48.853262	-86.938381	56283.50	56231.3	18.74	56302.24	56302.60156	56304.00328	56322.61719	504520.2	5411145.7
L4520.0	504520.2	5411147.4	31202.69922	326.74	0	48.853278	-86.938381	56280.31	56231.3	18.74	56299.05	56299.41406	56288.05735	56307.11719	504520.2	5411147.4
L4520.0	504520.2	5411148.6	31202.80078	328.08	0	48.853289	-86.938381	56277.73	56231.3	18.74	56296.47	56296.83594	56286.67120	56306.16797	504520.2	5411148.6
L4520.0	504520.2	5411148.6	31202.90039	327.59	0	48.853289	-86.938381	56274.90	56231.3	18.74	56293.64	56294.00781	56278.85039	56298.78516	504520.2	5411148.6
L4520.0	504520.1	5411150.1	31203.00000	328.39	0	48.853302	-86.938382	56272.38	56231.3	18.74	56291.12	56291.48828	56278.42955	56298.79297	504520.1	5411150.1
L4520.0	504520.1	5411151.8	31203.09961	328.84	0	48.853318	-86.938382	56269.46	56231.3	18.74	56288.20	56288.57031	56267.60817	56288.39844	504520.1	5411151.8
L4520.0	504520.1	5411153.1	31203.19922	329.79	0	48.853329	-86.938382	56266.91	56231.3	18.74	56285.64	56286.00781	56262.88269	56284.08984	504520.1	5411153.1
L4520.0	504520.1	5411155.0	31203.30078	329.80	0	48.853346	-86.938383	56264.39	56231.3	18.73	56283.12	56283.48438	56259.29161	56280.91406	504520.1	5411155.0
L4520.0	504520.1	5411155.0	31203.40039	328.86	0	48.853346	-86.938383	56261.68	56231.3	18.73	56280.41	56280.77344	56251.96556	56274.00000	504520.1	5411155.0
L4520.0	504520.1	5411156.6	31203.50000	329.44	0	48.853360	-86.938383	56258.95	56231.3	18.73	56277.68	56278.03906	56243.89910	56266.33594	504520.1	5411156.6
L4520.0	504520.1	5411158.1	31203.59961	328.43	0	48.853374	-86.938383	56256.38	56231.3	18.73	56275.10	56275.45703	56238.15369	56260.98438	504520.1	5411158.1
L4520.0	504520.1	5411158.1	31203.69922	328.24	0	48.853374	-86.938383	56253.92	56231.3	18.73	56272.65	56273.00000	56234.37710	56257.59766	504520.1	5411158.1
L4520.0	504520.0	5411159.4	31203.80078	328.42	0	48.853386	-86.938383	56251.27	56231.3	18.72	56269.99	56270.33203	56226.37849	56249.98047	504520.0	5411159.4
L4520.0	504520.0	5411161.3	31203.80078	328.42	0	48.853403	-86.938383	56248.74	56231.3	18.72	56267.46	56267.79688	56220.31517	56244.29297	504520.0	5411161.3
L4520.0	504520.0	5411161.3	31204.00000	328.89	0	48.853403	-86.938383	56246.11	56231.3	18.72	56264.83	56265.16016	56211.99045	56236.33984	504520.0	5411161.3
L4520.0	504520.0	5411163.0	31204.09961	329.40	0	48.853418	-86.938384	56243.71	56231.3	18.72	56262.43	56262.75000	56207.39304	56232.10156	504520.0	5411163.0
L4520.0	504520.0	5411164.5	31204.19922	331.25	0	48.853431	-86.938384	56241.28	56231.3	18.72	56260.00	56260.30859	56201.77477	56226.83594	504520.0	5411164.5
L4520.0	504519.9	5411166.0	31204.30078	329.69	0	48.853445	-86.938384	56238.94	56231.3	18.72	56257.66	56257.95703	56197.29597	56222.69922	504519.9	5411166.0
L4520.0	504519.9	5411167.7	31204.40039	330.10	0	48.853461	-86.938385	56236.29	56231.3	18.72	56255.01	56255.29688	56186.70742	56212.44922	504519.9	5411167.7
L4520.0	504519.9	5411167.7	31204.50000	328.82	0	48.853461	-86.938385	56233.89	56231.3	18.73	56252.61	56252.88281	56180.12644	56206.19531	504519.9	5411167.7

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4520.0	504519.9	5411169.2	31204.59961	327.15	0	48.853474	-86.938385	56231.53	56231.3	18.73	56250.25	56250.50781	56173.72873	56200.11719	504519.9	5411169.2
L4520.0	504519.9	5411170.5	31204.69922	326.88	0	48.853485	-86.938385	56229.38	56231.3	18.73	56248.11	56248.35547	56170.70214	56197.39844	504519.9	5411170.5
L4520.0	504519.9	5411170.5	31204.80078	327.21	0	48.853485	-86.938385	56227.27	56231.3	18.73	56246.00	56246.22656	56167.60237	56194.59766	504519.9	5411170.5
L4520.0	504519.8	5411172.5	31204.90039	328.81	0	48.853503	-86.938385	56225.04	56231.3	18.73	56243.76	56243.97266	56178.49344	56205.78125	504519.8	5411172.5
L4520.0	504519.8	5411174.1	31205.00000	329.11	0	48.853518	-86.938386	56222.64	56231.3	18.73	56241.37	56241.56250	56167.86291	56195.43359	504519.8	5411174.1
L4520.0	504519.8	5411174.1	31205.09961	328.88	0	48.853518	-86.938386	56220.38	56231.3	18.73	56239.11	56239.28516	56159.50497	56187.34766	504519.8	5411174.1
L4520.0	504519.8	5411175.6	31205.19922	328.17	0	48.853532	-86.938385	56218.53	56231.3	18.73	56237.26	56237.41406	56160.37183	56188.47656	504519.8	5411175.6
L4520.0	504519.8	5411177.8	31205.30078	325.97	0	48.853551	-86.938385	56216.88	56231.3	18.73	56235.61	56235.74609	56165.07838	56193.43359	504519.8	5411177.8
L4520.0	504519.8	5411177.8	31205.40039	326.33	0	48.853551	-86.938385	56215.16	56231.3	18.73	56233.90	56234.01563	56167.08444	56195.68359	504519.8	5411177.8
L4520.0	504519.9	5411179.2	31205.50000	325.79	0	48.853564	-86.938385	56213.00	56231.3	18.74	56231.74	56231.83203	56156.69656	56185.52734	504519.9	5411179.2
L4520.0	504519.9	5411181.1	31205.59961	326.11	0	48.853581	-86.938385	56211.20	56231.3	18.74	56229.93	56230.00000	56153.81221	56182.86328	504519.9	5411181.1
L4520.0	504519.9	5411182.4	31205.69922	325.98	0	48.853593	-86.938385	56209.56	56231.3	18.74	56228.30	56228.34375	56154.15436	56183.41797	504519.9	5411182.4
L4520.0	504519.9	5411182.4	31205.80078	325.51	0	48.853593	-86.938385	56207.73	56231.3	18.74	56226.47	56226.48828	56148.27626	56177.73828	504519.9	5411182.4
L4520.0	504519.9	5411184.2	31205.80078	325.51	0	48.853609	-86.938385	56206.25	56231.3	18.74	56224.98	56224.97266	56149.55018	56179.19922	504519.9	5411184.2
L4520.0	504519.9	5411185.3	31206.00000	325.56	0	48.853618	-86.938384	56204.24	56231.3	18.74	56222.98	56222.94922	56136.86813	56166.69531	504519.9	5411185.3
L4520.0	504519.9	5411186.8	31206.09961	326.94	0	48.853632	-86.938384	56202.73	56231.3	18.74	56221.47	56221.41016	56135.03734	56165.03125	504519.9	5411186.8
L4520.0	504519.9	5411186.8	31206.19922	327.99	0	48.853632	-86.938384	56201.27	56231.3	18.74	56220.01	56219.92188	56133.13520	56163.28516	504519.9	5411186.8
L4520.0	504519.9	5411188.0	31206.30078	326.78	0	48.853643	-86.938384	56199.97	56231.3	18.75	56218.71	56218.59375	56133.91155	56164.20313	504519.9	5411188.0
L4520.0	504520.0	5411189.4	31206.40039	327.59	0	48.853656	-86.938384	56198.48	56231.3	18.75	56217.23	56217.08203	56128.84913	56159.27344	504520.0	5411189.4
L4520.0	504520.0	5411189.4	31206.50000	325.57	0	48.853656	-86.938384	56196.71	56231.3	18.75	56215.46	56215.28125	56115.10189	56145.64844	504520.0	5411189.4
L4520.0	504520.0	5411192.6	31206.59961	325.06	0	48.853685	-86.938383	56195.41	56231.2	18.75	56214.16	56213.94922	56111.82564	56142.48438	504520.0	5411192.6
L4520.0	504520.0	5411192.6	31206.69922	325.34	0	48.853685	-86.938383	56193.97	56231.2	18.75	56212.73	56212.48828	56086.48571	56117.24219	504520.0	5411192.6
L4520.0	504520.0	5411194.4	31206.80078	326.46	0	48.853701	-86.938383	56193.25	56231.2	18.76	56212.01	56211.73438	56092.16051	56123.00000	504520.0	5411194.4
L4520.0	504520.0	5411194.4	31206.90039	326.92	0	48.853701	-86.938383	56192.36	56231.2	18.76	56211.12	56210.81250	56094.05142	56124.96484	504520.0	5411194.4
L4520.0	504520.0	5411196.2	31207.00000	327.71	0	48.853717	-86.938383	56191.34	56231.2	18.76	56210.10	56209.75781	56092.83847	56123.81641	504520.0	5411196.2
L4520.0	504520.1	5411198.1	31207.09961	329.31	0	48.853734	-86.938382	56190.36	56231.2	18.76	56209.12	56208.74219	56091.56388	56122.59375	504520.1	5411198.1
L4520.0	504520.1	5411199.9	31207.19922	328.02	0	48.853750	-86.938382	56189.30	56231.2	18.76	56208.06	56207.64844	56088.06038	56119.12891	504520.1	5411199.9
L4520.0	504520.1	5411199.9	31207.30078	328.36	0	48.853750	-86.938382	56188.56	56231.2	18.76	56207.33	56206.88281	56089.79262	56120.89063	504520.1	5411199.9
L4520.0	504520.1	5411202.3	31207.40039	329.54	0	48.853772	-86.938381	56187.47	56231.2	18.76	56206.23	56205.74609	56084.01728	56115.13281	504520.1	5411202.3
L4520.0	504520.1	5411202.3	31207.50000	330.50	0	48.853772	-86.938381	56187.00	56231.2	18.76	56205.76	56205.23828	56089.03342	56120.15234	504520.1	5411202.3
L4520.0	504520.2	5411204.0	31207.59961	331.63	0	48.853787	-86.938381	56186.29	56231.2	18.77	56205.05	56204.48828	56088.92393	56120.03906	504520.2	5411204.0
L4520.0	504520.2	5411205.3	31207.69922	331.43	0	48.853799	-86.938380	56185.86	56231.2	18.77	56204.63	56204.03125	56093.44373	56124.53906	504520.2	5411205.3
L4520.0	504520.2	5411205.3	31207.80078	331.08	0	48.853799	-86.938380	56185.09	56231.2	18.77	56203.86	56203.21875	56090.78498	56121.84766	504520.2	5411205.3
L4520.0	504520.2	5411206.7	31207.80078	331.08	0	48.853811	-86.938380	56184.69	56231.2	18.77	56203.46	56202.78125	56094.27238	56125.29297	504520.2	5411206.7
L4520.0	504520.2	5411208.3	31208.00000	328.66	0	48.853826	-86.938380	56184.22	56231.2	18.77	56202.99	56202.26953	56095.77464	56126.74219	504520.2	5411208.3
L4520.0	504520.3	5411210.1	31208.09961	329.27	0	48.853841	-86.938379	56183.51	56231.2	18.77	56202.28	56201.51953	56092.13213	56123.03906	504520.3	5411210.1
L4520.0	504520.3	5411210.1	31208.19922	328.88	0	48.853841	-86.938379	56183.46	56231.2	18.77	56202.24	56201.43750	56100.26836	56131.09766	504520.3	5411210.1
L4520.0	504520.3	5411211.5	31208.30078	329.01	0	48.853854	-86.938379	56182.95	56231.2	18.77	56201.72	56200.87500	56098.81263	56129.55078	504520.3	5411211.5
L4520.0	504520.3	5411213.0	31208.40039	328.25	0	48.853868	-86.938379	56182.97	56231.2	18.77	56201.75	56200.86328	56106.92000	56137.56250	504520.3	5411213.0
L4520.0	504520.3	5411213.0	31208.50000	327.99	0	48.853868	-86.938379	56182.48	56231.2	18.77	56201.25	56200.32031	56104.52656	56135.05859	504520.3	5411213.0
L4520.0	504520.3	5411216.1	31208.59961	328.02	0	48.853896	-86.938379	56182.79	56231.2	18.78	56201.57	56200.59766	56116.71165	56147.12500	504520.3	5411216.1
L4520.0	504520.3	5411216.1	31208.69922	328.34	0	48.853896	-86.938379	56182.87	56231.2	18.78	56201.65	56200.63672	56123.79463	56154.07813	504520.3	5411216.1
L4520.0	504520.3	5411216.1	31208.80078	329.05	0	48.853896	-86.938379	56182.67	56231.2	18.78	56201.45	56200.39063	56125.06549	56155.20313	504520.3	5411216.1
L4520.0	504520.3	5411218.1	31208.90039	329.33	0	48.853914	-86.938378	56182.32	56231.2	18.78	56201.09	56199.98828	56122.78001	56152.76563	504520.3	5411218.1
L4520.0	504520.3	5411219.8	31209.00000	329.67	0	48.853929	-86.938378	56182.16	56231.2	18.78	56200.94	56199.79297	56123.78520	56153.60938	504520.3	5411219.8
L4520.0	504520.4	5411221.5	31209.09961	330.48	0	48.853945	-86.938378	56182.39	56231.2	18.78	56201.17	56199.98047	56131.19342	56160.84375	504520.4	5411221.5
L4520.0	504520.4	5411222.7	31209.19922	329.02	0	48.853955	-86.938378	56182.22	56231.2	18.78	56201.01	56199.77344	56130.87014	56160.33984	504520.4	5411222.7
L4520.0	504520.4	5411222.7	31209.30078	329.56	0	48.853955	-86.938378	56182.36	56231.2	18.79	56201.15	56199.86719	56135.48888	56164.76172	504520.4	5411222.7
L4520.0	504520.4	5411224.4	31209.40039	329.79	0	48.853970	-86.938377	56182.24	56231.2	18.79	56201.03	56199.70313	56134.82475	56163.89453	504520.4	5411224.4
L4520.0	504520.4	5411225.9	31209.50000	328.31	0	48.853984	-86.938377	56182.67	56231.2	18.79	56201.46	56200.08984	56143.64758	56172.50391	504520.4	5411225.9
L4520.0	504520.4	5411225.9	31209.59961	327.05	0	48.853984	-86.938377	56182.52	56231.2	18.79	56201.31	56199.89063	56141.42427	56170.06250	504520.4	5411225.9
L4520.0	504520.4	5411227.5	31209.69922	325.38	0	48.853998	-86.938377	56182.74	56231.2	18.79	56201.54	56200.07422	56145.60791	56174.01172	504520.4	5411227.5
L4520.0	504520.5	5411228.8	31209.80078	324.68	0	48.854010	-86.938376	56182.95	56231.2	18.80	56201.74	56200.23047	56148.77499	56176.93750	504520.5	5411228.8
L4520.0	504520.5	5411230.5	31209.80078	324.68	0	48.854026	-86.938376	56183.40	56231.2	18.80	56202.20	56200.64453	56156.17029	56184.08203	504520.5	5411230.5
L4520.0	504520.5	5411230.5	31210.00000	326.63	0	48.854026	-86.938376	56183.36	56231.2	18.80	56202.16	56200.55859	56154.13259	56181.78906	504520.5	5411230.5
L4520.0	504520.5	5411232.0	31210.09961	326.81	0	48.854039	-86.938376	56183.56	56231.2	18.80	56202.36	56200.71094	56156.00846	56183.39844	504520.5	5411232.0
L4520.0	504520.5	5411233.4	31210.19922	326.84	0	48.854051	-86.938376	56183.68	56231.2	18.80	56202.48	56200.78516	56156.06359	56183.17578	504520.5	5411233.4
L4520.0	504520.5	5411235.0	31210.30078	328.76	0	48.854066	-86.938376	56183.85	56231.2	18.80	56202.65	56200.90625	56156.65019	56183.47656	504520.5	5411235.0
L4520.0	504520.5	5411235.0	31210.40039	329.47	0	48.854066	-86.938376	56184.20	56231.2	18.80	56203.00	56201.21094	56160.11086	56186.64844	504520.5	5411235.0
L4520.0	504520.5	5411236.8	31210.50000	328.00	0	48.854082	-86.938375	56184.71	56231.2	18.80	56203.51	56201.67578	56166.10099	56192.33984	504520.5	5411236.8
L4520.0	504520.6	5411239.0	31210.59961	329.05	0	48.854101	-86.938375	56184.94	56231.2	18.80	56203.74	56201.85547	56166.77615	56192.70703	504520.6	5411239.0
L4520.0	504520.6	5411239.0	31210.69922	328.14	0	48.854101	-86.938375	56185.91	56231.2	18.80	56204.71	56202.78125	56180.38149	56206.00000	504520.6	5411239.0
L4520.0	504520.6	5411240.3	31210.80078	327.58	0	48.854113	-86.938375	56185.93	56231.2	18.80	56204.73	56202.75391	56176.75193	56202.04688	504520.6	5411240.3
L4520.0	504520.6	5411241.9	31210.90039	327.81	0	48.854128	-86.938374	56186.62	56231.2	18.80	56205.42	56203.39844	56184.83491	56209.80469	504520.6	5411241.9
L4520.0	504520.6	5411243.6	31211.00000	326.38	0	48.854143	-86.938374	56186.34	56231.2	18.80	56205.14	56203.07031	56175.39310	56200.02734	504520.6	5411243.6
L4520.0	504520.6	5411243.6	31211.09961	326.63	0	48.854143	-86.938374	56186.86	56231.2	18.80	56205.66	56203.54297	56179.99959	56204.29688	504520.6	5411243.6
L4520.0	504520.6	5411245.5	31211.19922	328.23	0	48.854160	-86.938374	56187.38	56231.2	18.80	56206.18	56204.01563	56184.39807	56208.34766	504520.6	5411245.5
L4520.0	504520.6	5411247.0	31211.30078	328.89	0	48.854173	-86.938374	56187.60	56231.2	18.80	56206.40	56204.19141	56183.27817	56206.87500	504520.6	5411247.0
L4520.0	504520.7	5411248.4	31211.40039	328.11	0	48.854186	-86.938374	56187.89	56231.2	18.80	56206.68	56204.42188	56178.02342	56201.26172	504520.7	5411248.4
L4520.0	504520.7	5411248.4	31211.50000	327.63	0	48.854186	-86.938374	56188.26	56231.2	18.80	56207.05	56204.74609	56179.11270	56201.98828	504520.7	5411248.4
L4520.0	504520.7	5411250.4	31211.59961	328.35	0	48.854204	-86.938373	56189.18	56231.2	18.79	56207.98	56205.62891	56194.26416	56216.77344	504520.7	5411250.4
L4520.0	504520.7	5411252.2	31211.69922	328.14	0	48.854220	-86.938373	56188.79	56231.2	18.79	56207.58	56205.18359	56175.59648	56197.73047	504520.7	5411252.2
L4520.0	504520.7	5411252.2	31211.80078	327.81	0	48.854220	-86.938373	56189.43	56231.2	18.79	56208.22	56205.77734	56183.16700	56204.92578	504520.7	5411252.2
L4520.0	504520.7	5411254.6	31211.80078	327.81	0	48.854242	-86.938373	56190.09	56231.2	18.79	56208.88	56206.39063	56191.13730	56212.51172	504520.7	5411254.6
L4520.0	504520.7	5411256.1	31212.00000	325.58	0	48.854256	-86.938373	56190.54	56231.2	18.79	56209.33	56206.79688	56193.72173	56214.71094	504520.7	5411256.1
L4520.0	504520.7	5411256.1	31212.09961	326.61	0	48.854256	-86.938373	56190.51	56231.2	18.79	56209.30	56206.72266	56184.15034	56204.75000	504520.7	5411256.1
L4520.0	504520.7	5411257.7	31212.19922	325.97	0	48.854270	-86.938373	56191.03	56231.2	18.79	56209.82	56207.19531	56188.39242	56208.60156	504520.7	5411257.7
L4520.0	504520.7	5411257.7	31212.30078	325.95	0	48.854270	-86.938373	56190.96	56231.2	18.79	56209.75	56207.08203	56177.75676	56197.56641	504520.7	5411257.7
L4520.0	504520.7	5411260.7	31212.40039	324.01	0	48.854297	-86.938373	56191.24	56231.2	18.79	56210.04	56207.32422	56176.15689	56195.56641	504520.7	5411260.7
L4520.0	504520.7	5411260.7	31212.50000	323.97	0	48.854297	-86.938373	56191.83	56231.2	18.80	56210.62	56207.85938	56181.81762	56200.82813	504520.7	5411260.7
L4520.0	504520.7	5411262.9	31212.59961	326.27	0	48.854316	-86.938373	56192.12	56231.2	18.80	56210.92	56208.11719	56180.43830	56199.04297	504520.7	5411262.9
L4520.0	504520.7	5411262.9	31212.69922	326.77	0	48.854316	-86.938373	56192.87	56231.2	18.80	56211.66	56208.81250	56190.07436	56208.27344	504520.7	5411262.9
L4520.0	504520.7	5411264.6	31212.80078	327.52	0	48.854332	-86.938373	56193.06	56231.2	18.80	56211.86	56208.96875	56186.18539	56203.97266	504520.7	5411264.6
L4520.0	504520.7	5411265.8	31212.90039	326.33	0	48.854343	-86.938373	56193.90	56231.2	18.80	56212.70	56209.76563	56198.30381	56215.67969	504520.7	5411265.8
L4520.0	504520.7	5411267.9	31213.00000	327.41	0	48.854362	-86.938372	56194.29	56231.2	18.80	56213.09	56210.10938	56199.17613	56216.14063	504520.7	5411267.9
L4520.0	504520.8	5411269.3	31213.09961	329.14	0	48.854374	-86.938372	56194.25	56231.2	18.80	56213.05	56210.02734	56189.33252	56205.88281	504520.8	5411269.3
L4520.0	504520.8	5411269.3	31213.19922	328.71	0	48.854374	-86.938372	56194.88	56231.2	18.80	56213.68	56210.61328	56196.23285	56212.36719	504520.8	5411269.3
L4520.0	504520.8	5411271.5	31213.30078	328.08	0	48.854394	-86.938372	56195.22	56231.2	18.80	56214.02	56210.91016	56195.91976	56211.63672	504520.8	5411271.5
L4520.0	504520.8	5411273.3	31213.40039	327.96	0	48.854410	-86.938372	56195.52	56231.2	18.80	56214.32	56211.16797	56194.63612	56209.93750	504520.8	5411273.3
L4520.0	504520.8	5411273.3	31213.50000	327.51	0	48.854410	-86.938372	56195.94	56231.2	18.80	56214.74	56211.54688	56196.37101	56211.25781	504520.8	5411273.3
L4520.0	504520.8	5411274.9	31213.59961	323.61	0	48.854424	-86.938372	56196.43	56231.2	18.80	56215.23	56211.99219	56199.88013	56214.34766	504520.8	5411274.9
L4520.0	504520.8	5411276.7	31213.69922	324.18	0	48.854441	-86.938372	56196.54	56231.2	18.80	56215.34	56212.06250	56193.95271	56208.00391	504520.8	5411276.7
L4520.0	504520.8	5411276.7	31213.80078	326.05	0	48.854441	-86.938372	56197.57	56231.2	18.80	56216.37	56213.05078	56210.99484	56224.62891	504520.8	5411276.7

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4520.0	504520.8	5411278.5	31213.80078	326.05	0	48.854457	-86.938371	56197.16	56231.2	18.80	56215.96	56212.59766	56192.17199	56205.39063	504520.8	5411278.5
L4520.0	504520.8	5411280.4	31214.00000	325.43	0	48.854474	-86.938371	56197.89	56231.2	18.80	56216.69	56213.28906	56201.82227	56214.62500	504520.8	5411280.4
L4520.0	504520.8	5411280.4	31214.09961	325.48	0	48.854474	-86.938371	56197.88	56231.2	18.80	56216.68	56213.23828	56193.04503	56205.43359	504520.8	5411280.4
L4520.0	504520.8	5411282.0	31214.19922	326.39	0	48.854489	-86.938371	56198.43	56231.2	18.80	56217.23	56213.74609	56198.29323	56210.26953	504520.8	5411282.0
L4520.0	504520.8	5411283.5	31214.30078	326.08	0	48.854502	-86.938371	56199.08	56231.2	18.80	56217.88	56214.35547	56206.09577	56217.66016	504520.8	5411283.5
L4520.0	504520.8	5411283.5	31214.40039	324.77	0	48.854502	-86.938371	56199.00	56231.2	18.80	56217.80	56214.23438	56195.68233	56206.83594	504520.8	5411283.5
L4520.0	504520.8	5411285.0	31214.50000	325.64	0	48.854515	-86.938371	56199.94	56231.2	18.80	56218.74	56215.13672	56210.86101	56221.60547	504520.8	5411285.0
L4520.0	504520.8	5411285.0	31214.59961	326.93	0	48.854515	-86.938371	56199.70	56231.2	18.80	56218.50	56214.85547	56196.52651	56206.86328	504520.8	5411285.0
L4520.0	504520.8	5411287.1	31214.69922	326.58	0	48.854534	-86.938371	56200.72	56231.2	18.80	56219.52	56215.83594	56213.83574	56223.76953	504520.8	5411287.1
L4520.0	504520.8	5411288.9	31214.80078	320.95	0	48.854551	-86.938371	56200.38	56231.2	18.80	56219.18	56215.45703	56197.08476	56206.61328	504520.8	5411288.9
L4520.0	504520.9	5411290.4	31214.90039	321.20	0	48.854564	-86.938370	56201.39	56231.2	18.80	56220.20	56216.44141	56214.51685	56223.64453	504520.9	5411290.4
L4520.0	504520.9	5411290.4	31215.00000	328.36	0	48.854564	-86.938370	56201.07	56231.2	18.80	56219.87	56216.07031	56198.12602	56206.85938	504520.9	5411290.4
L4520.0	504520.9	5411291.9	31215.09961	328.53	0	48.854578	-86.938370	56201.55	56231.2	18.80	56220.34	56216.50391	56201.87476	56210.21484	504520.9	5411291.9
L4520.0	504520.9	5411294.2	31215.19922	328.39	0	48.854598	-86.938370	56202.04	56231.2	18.79	56220.83	56216.95703	56206.18252	56214.12891	504520.9	5411294.2
L4520.0	504520.9	5411294.2	31215.30078	328.64	0	48.854598	-86.938370	56202.55	56231.2	18.79	56221.34	56217.42969	56211.04433	56218.60156	504520.9	5411294.2
L4520.0	504520.9	5411295.6	31215.40039	329.12	0	48.854611	-86.938370	56203.04	56231.2	18.79	56221.82	56217.87109	56215.20432	56222.37500	504520.9	5411295.6
L4520.0	504520.9	5411297.2	31215.50000	329.75	0	48.854625	-86.938370	56203.44	56231.2	18.79	56222.22	56218.23438	56217.41452	56224.20703	504520.9	5411297.2
L4520.0	504520.9	5411298.4	31215.59961	329.19	0	48.854636	-86.938369	56203.39	56231.2	18.78	56222.17	56218.14844	56208.46008	56214.87500	504520.9	5411298.4
L4520.0	504520.9	5411298.4	31215.69922	328.50	0	48.854636	-86.938369	56203.87	56231.2	18.78	56222.65	56218.58984	56212.78415	56218.82422	504520.9	5411298.4
L4520.0	504520.9	5411300.1	31215.80078	325.89	0	48.854651	-86.938369	56204.09	56231.2	18.78	56222.86	56218.76563	56210.44606	56216.11328	504520.9	5411300.1
L4520.0	504520.9	5411301.9	31215.80078	325.89	0	48.854668	-86.938369	56204.68	56231.2	18.78	56223.46	56219.32813	56217.85016	56223.15234	504520.9	5411301.9
L4520.0	504520.9	5411303.7	31216.00000	326.97	0	48.854683	-86.938369	56205.11	56231.2	18.77	56223.88	56219.71484	56220.83291	56225.77344	504520.9	5411303.7
L4520.0	504520.9	5411303.7	31216.09961	324.91	0	48.854683	-86.938369	56205.28	56231.2	18.77	56224.05	56219.84766	56217.68728	56222.26953	504520.9	5411303.7
L4520.0	504520.9	5411305.4	31216.19922	325.30	0	48.854699	-86.938369	56205.46	56231.2	18.77	56224.23	56219.99219	56214.86318	56219.08984	504520.9	5411305.4
L4520.0	504520.9	5411307.3	31216.30078	323.21	0	48.854716	-86.938369	56206.09	56231.2	18.78	56224.87	56220.59766	56223.43416	56227.31250	504520.9	5411307.3
L4520.0	504520.9	5411307.3	31216.40039	322.28	0	48.854716	-86.938369	56205.94	56231.2	18.78	56224.72	56220.41406	56212.63306	56216.16406	504520.9	5411307.3
L4520.0	504520.9	5411309.0	31216.50000	326.15	0	48.854731	-86.938369	56206.47	56231.2	18.78	56225.25	56220.91016	56218.59875	56221.78906	504520.9	5411309.0
L4520.0	504520.9	5411310.2	31216.59961	326.84	0	48.854743	-86.938369	56206.32	56231.2	18.78	56225.11	56220.73438	56208.23180	56211.08594	504520.9	5411310.2
L4520.0	504520.9	5411310.2	31216.69922	320.96	0	48.854743	-86.938369	56206.94	56231.2	18.78	56225.72	56221.31250	56216.24895	56218.77344	504520.9	5411310.2
L4520.0	504520.9	5411311.8	31216.80078	321.72	0	48.854756	-86.938369	56207.04	56231.2	18.79	56225.82	56221.37891	56211.89248	56214.08984	504520.9	5411311.8
L4520.0	504520.9	5411313.5	31216.90039	328.37	0	48.854772	-86.938369	56207.73	56231.2	18.79	56226.52	56222.04297	56222.15892	56224.03516	504520.9	5411313.5
L4520.0	504520.9	5411315.2	31217.00000	329.10	0	48.854787	-86.938370	56207.84	56231.2	18.79	56226.63	56222.12109	56218.16673	56219.72656	504520.9	5411315.2
L4520.0	504520.9	5411315.2	31217.09961	329.82	0	48.854787	-86.938370	56208.37	56231.2	18.79	56227.16	56222.61719	56224.38405	56225.63281	504520.9	5411315.2
L4520.0	504520.9	5411316.7	31217.19922	327.86	0	48.854801	-86.938370	56208.16	56231.2	18.79	56226.94	56222.36328	56212.57054	56213.51172	504520.9	5411316.7
L4520.0	504520.9	5411318.0	31217.30078	327.95	0	48.854812	-86.938370	56208.90	56231.2	18.79	56227.68	56223.07031	56223.93226	56224.57422	504520.9	5411318.0
L4520.0	504520.8	5411319.5	31217.40039	328.03	0	48.854825	-86.938370	56208.75	56231.2	18.79	56227.53	56222.89063	56213.96180	56214.30469	504520.8	5411319.5
L4520.0	504520.8	5411319.5	31217.50000	323.75	0	48.854825	-86.938370	56209.32	56231.2	18.79	56228.11	56223.43750	56221.55473	56221.60938	504520.8	5411319.5
L4520.0	504520.8	5411321.8	31217.59961	324.74	0	48.854846	-86.938371	56208.95	56231.2	18.78	56227.74	56223.03516	56206.51692	56206.28516	504520.8	5411321.8
L4520.0	504520.8	5411321.8	31217.69922	322.97	0	48.854846	-86.938371	56209.66	56231.2	18.78	56228.45	56223.71484	56217.28782	56216.77734	504520.8	5411321.8
L4520.0	504520.8	5411323.2	31217.80078	327.16	0	48.854859	-86.938371	56210.18	56231.2	18.78	56228.97	56224.20313	56223.53841	56222.75000	504520.8	5411323.2
L4520.0	504520.7	5411325.0	31217.80078	327.16	0	48.854875	-86.938372	56209.82	56231.2	18.78	56228.60	56223.80078	56208.82837	56207.76953	504520.7	5411325.0
L4520.0	504520.7	5411325.0	31218.00000	326.92	0	48.854875	-86.938372	56211.02	56231.2	18.78	56229.80	56224.96875	56231.10430	56229.78125	504520.7	5411325.0
L4520.0	504520.7	5411326.9	31218.09961	325.29	0	48.854893	-86.938372	56210.44	56231.2	18.78	56229.22	56224.35938	56211.70299	56210.12500	504520.7	5411326.9
L4520.0	504520.7	5411328.2	31218.19922	326.67	0	48.854904	-86.938373	56211.43	56231.2	18.78	56230.21	56225.31641	56228.95908	56227.12891	504520.7	5411328.2
L4520.0	504520.6	5411329.7	31218.30078	321.71	0	48.854918	-86.938373	56211.20	56231.2	18.78	56229.98	56225.05469	56217.93634	56215.85547	504520.6	5411329.7
L4520.0	504520.6	5411331.2	31218.40039	322.53	0	48.854931	-86.938374	56211.54	56231.2	18.78	56230.32	56225.36719	56220.14504	56217.82031	504520.6	5411331.2
L4520.0	504520.6	5411331.2	31218.50000	323.35	0	48.854931	-86.938374	56211.80	56231.2	18.78	56230.58	56225.59375	56220.54026	56217.98047	504520.6	5411331.2
L4520.0	504520.5	5411333.1	31218.59961	323.87	0	48.854948	-86.938374	56212.47	56231.2	18.78	56231.25	56226.23438	56230.26940	56227.47656	504520.5	5411333.1
L4520.0	504520.5	5411334.5	31218.69922	324.13	0	48.854961	-86.938374	56212.42	56231.2	18.78	56231.20	56226.15625	56223.67061	56220.65234	504520.5	5411334.5
L4520.0	504520.5	5411336.0	31218.80078	322.86	0	48.854974	-86.938375	56212.56	56231.2	18.78	56231.34	56226.26563	56221.43277	56218.19141	504520.5	5411336.0
L4520.0	504520.5	5411336.0	31218.90039	323.57	0	48.854974	-86.938375	56212.95	56231.2	18.78	56231.73	56226.62500	56224.84085	56221.38281	504520.5	5411336.0
L4520.0	504520.5	5411338.0	31219.00000	324.12	0	48.854992	-86.938375	56213.42	56231.2	18.78	56232.20	56227.06641	56230.03290	56226.36328	504520.5	5411338.0
L4520.0	504520.5	5411339.7	31219.09961	324.72	0	48.855008	-86.938375	56213.83	56231.2	18.78	56232.61	56227.44531	56233.87474	56230.00000	504520.5	5411339.7
L4520.0	504520.5	5411339.7	31219.19922	325.78	0	48.855008	-86.938375	56213.41	56231.2	18.77	56232.18	56226.98438	56219.10435	56215.03125	504520.5	5411339.7
L4520.0	504520.4	5411341.8	31219.30078	325.87	0	48.855027	-86.938375	56214.06	56231.2	18.77	56232.83	56227.60547	56228.29619	56224.02734	504520.4	5411341.8
L4520.0	504520.4	5411343.2	31219.40039	323.96	0	48.855039	-86.938376	56214.21	56231.2	18.77	56232.98	56227.72656	56226.44801	56221.98828	504520.4	5411343.2
L4520.0	504520.4	5411343.2	31219.50000	323.24	0	48.855039	-86.938376	56214.46	56231.2	18.76	56233.23	56227.94922	56226.81989	56222.17578	504520.4	5411343.2
L4520.0	504520.4	5411345.6	31219.59961	322.81	0	48.855061	-86.938376	56214.90	56231.2	18.76	56233.66	56228.34766	56231.12379	56226.30078	504520.4	5411345.6
L4520.0	504520.4	5411345.6	31219.69922	321.78	0	48.855061	-86.938376	56214.84	56231.2	18.76	56233.60	56228.26172	56224.77836	56219.77734	504520.4	5411345.6
L4520.0	504520.4	5411347.2	31219.80078	323.35	0	48.855075	-86.938376	56215.23	56231.2	18.76	56233.98	56228.60938	56227.99789	56222.82813	504520.4	5411347.2
L4520.0	504520.4	5411349.0	31219.80078	323.35	0	48.855091	-86.938376	56215.43	56231.2	18.76	56234.19	56228.79297	56227.54418	56222.20703	504520.4	5411349.0
L4520.0	504520.4	5411349.0	31220.00000	324.22	0	48.855091	-86.938376	56215.18	56231.3	18.75	56233.93	56228.50391	56217.04358	56211.54297	504520.4	5411349.0
L4520.0	504520.4	5411350.8	31220.09961	322.56	0	48.855107	-86.938377	56215.37	56231.3	18.75	56234.12	56228.66406	56216.22181	56210.56641	504520.4	5411350.8
L4520.0	504520.4	5411350.8	31220.19922	320.30	0	48.855107	-86.938377	56215.54	56231.3	18.75	56234.29	56228.80859	56214.97967	56209.17578	504520.4	5411350.8
L4520.0	504520.3	5411352.9	31220.30078	319.30	0	48.855126	-86.938377	56216.11	56231.3	18.75	56234.86	56229.34766	56222.20485	56216.25000	504520.3	5411352.9
L4520.0	504520.3	5411354.3	31220.40039	320.43	0	48.855139	-86.938377	56216.43	56231.3	18.75	56235.18	56229.64063	56224.10424	56218.00781	504520.3	5411354.3
L4520.0	504520.3	5411354.3	31220.50000	320.69	0	48.855139	-86.938377	56216.65	56231.3	18.75	56235.40	56229.83203	56223.88135	56217.64453	504520.3	5411354.3
L4520.0	504520.3	5411355.7	31220.59961	320.63	0	48.855151	-86.938378	56216.99	56231.3	18.75	56235.74	56230.14453	56226.17183	56219.80078	504520.3	5411355.7
L4520.0	504520.2	5411357.2	31220.69922	321.71	0	48.855165	-86.938378	56217.20	56231.3	18.75	56235.95	56230.32422	56225.71572	56219.21484	504520.2	5411357.2
L4520.0	504520.2	5411359.1	31220.80078	320.89	0	48.855182	-86.938378	56217.68	56231.3	18.75	56236.43	56230.77734	56230.90924	56224.28125	504520.2	5411359.1
L4520.0	504520.2	5411359.1	31220.90039	319.64	0	48.855182	-86.938378	56217.92	56231.3	18.75	56236.67	56230.98828	56231.05149	56224.30078	504520.2	5411359.1
L4520.0	504520.2	5411360.9	31221.00000	320.77	0	48.855199	-86.938379	56218.49	56231.3	18.75	56237.24	56231.53125	56238.11805	56231.25000	504520.2	5411360.9
L4520.0	504520.2	5411360.9	31221.09961	321.13	0	48.855199	-86.938379	56218.26	56231.3	18.75	56237.01	56231.27344	56228.33431	56221.35156	504520.2	5411360.9
L4520.0	504520.2	5411362.8	31221.19922	322.45	0	48.855215	-86.938379	56218.66	56231.3	18.75	56237.41	56231.64844	56231.80048	56224.70703	504520.2	5411362.8
L4520.0	504520.2	5411364.4	31221.30078	322.05	0	48.855230	-86.938379	56218.86	56231.3	18.74	56237.60	56231.80859	56230.80979	56223.60938	504520.2	5411364.4
L4520.0	504520.2	5411366.3	31221.40039	321.82	0	48.855247	-86.938379	56219.23	56231.3	18.74	56237.97	56232.15234	56233.63616	56226.33203	504520.2	5411366.3
L4520.0	504520.2	5411366.3	31221.50000	331.18	0	48.855247	-86.938379	56219.39	56231.3	18.74	56238.14	56232.29297	56232.17281	56224.76563	504520.2	5411366.3
L4520.0	504520.2	5411367.7	31221.59961	332.58	0	48.855260	-86.938379	56219.68	56231.3	18.74	56238.41	56232.53516	56232.83408	56225.33203	504520.2	5411367.7
L4520.0	504520.2	5411369.8	31221.69922	322.40	0	48.855278	-86.938379	56219.75	56231.3	18.74	56238.49	56232.58984	56229.34514	56221.75000	504520.2	5411369.8
L4520.0	504520.2	5411369.8	31221.80078	322.39	0	48.855278	-86.938379	56220.06	56231.3	18.73	56238.79	56232.86328	56230.61144	56222.92578	504520.2	5411369.8
L4520.0	504520.2	5411371.5	31221.80078	322.39	0	48.855294	-86.938379	56220.41	56231.3	18.73	56239.14	56233.18359	56232.97478	56225.19922	504520.2	5411371.5
L4520.0	504520.2	5411373.0	31222.00000	321.10	0	48.855307	-86.938378	56220.77	56231.3	18.73	56239.50	56233.51563	56235.56632	56227.70703	504520.2	5411373.0
L4520.0	504520.2	5411373.0	31222.09961	329.05	0	48.855307	-86.938378	56220.92	56231.3	18.73	56239.65	56233.64063	56233.48513	56225.54297	504520.2	5411373.0
L4520.0	504520.2	5411374.4	31222.19922	317.96	0	48.855319	-86.938378	56221.01	56231.3	18.73	56239.74	56233.70313	56230.02186	56222.00000	504520.2	5411374.4
L4520.0	504520.2	5411375.7	31222.30078	318.12	0	48.855332	-86.938378	56221.53	56231.3	18.73	56240.26	56234.19531	56236.16720	56228.07031	504520.2	5411375.7
L4520.0	504520.2	5411377.4	31222.40039	320.26	0	48.855347	-86.938378	56221.77	56231.3	18.73	56240.50	56234.41016	56236.02581	56227.85156	504520.2	5411377.4
L4520.0	504520.2	5411377.4	31222.50000	326.03	0	48.855347	-86.938378	56221.91	56231.3	18.73	56240.64	56234.52344	56233.60935	56225.36328	504520.2	5411377.4
L4520.0	504520.3	5411379.4	31222.59961	325.97	0	48.855365	-86.938377	56222.38	56231.3	18.73	56241.11	56234.96484	56238.60591	56230.29297	504520.3	5411379.4
L4520.0	504520.3	5411381.4	31222.69922	327.19	0	48.855383	-86.938377	56222.46	56231.3	18.73	56241.19	56235.01953	56234.79617	56226.41406	504520.3	5411381.4
L4520.0	504520.3	5411381.4	31222.80078	327.35	0	48.855383	-86.938377	56222.56	56231.3	18.73	56241.29	56235.08984	56231.42725	56222.98047	504520.3	5411381.4
L4520.0	504520.3	5411382.9	31222.90039	325.84	0	48.855396	-86.938377	56222.66	56231.3	18.73	56241.39	56235.16406	56228.05733	56219.55078	504520.3	5411382.9
L4520.0	504520.3	5411384.4	31223.00000	324.76	0	48.855409	-86.938376	56223.04	56231.3	18.73	56241.77	56235.51953	56230.93896	56222.37109	504520.3	5411384.4
L4520.0	504520.3	5411384.4	31223.09961	323.69	0	48.855409	-86.938376	56223.55	56231.3	18.73	56242.28	56236.00000	56236.66355	56228.03516	504520.3	5411384.4

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4520.0	504520.4	5411386.7	31223.19922	322.65	0	48.855430	-86.938376	56223.37	56231.3	18.73	56242.10	56235.79688	56227.05871	56218.37500	504520.4	5411386.7
L4520.0	504520.4	5411388.1	31223.30078	322.85	0	48.855443	-86.938376	56223.76	56231.3	18.73	56242.49	56236.16016	56230.05958	56221.32031	504520.4	5411388.1
L4520.0	504520.4	5411388.1	31223.40039	316.58	0	48.855443	-86.938376	56224.29	56231.3	18.73	56243.02	56236.66406	56236.06632	56227.27344	504520.4	5411388.1
L4520.0	504520.4	5411389.9	31223.50000	319.52	0	48.855459	-86.938375	56224.55	56231.3	18.73	56243.28	56236.89453	56236.10465	56227.26172	504520.4	5411389.9
L4520.0	504520.4	5411391.4	31223.59961	319.68	0	48.855473	-86.938375	56225.00	56231.3	18.73	56243.73	56237.32031	56240.22920	56231.33594	504520.4	5411391.4
L4520.0	504520.4	5411392.9	31223.69922	318.25	0	48.855486	-86.938375	56225.19	56231.3	18.73	56243.92	56237.48438	56238.67683	56229.73828	504520.4	5411392.9
L4520.0	504520.4	5411392.9	31223.80078	317.63	0	48.855486	-86.938375	56225.54	56231.3	18.73	56244.27	56237.80859	56240.54210	56231.55469	504520.4	5411392.9
L4520.0	504520.5	5411394.9	31223.80078	317.63	0	48.855504	-86.938374	56225.59	56231.3	18.73	56244.32	56237.83203	56235.94121	56226.91016	504520.5	5411394.9
L4520.0	504520.5	5411394.9	31224.00000	326.76	0	48.855504	-86.938374	56226.03	56231.3	18.73	56244.76	56238.24609	56239.65367	56230.57813	504520.5	5411394.9
L4520.0	504520.5	5411396.9	31224.09961	326.44	0	48.855522	-86.938374	56226.20	56231.3	18.73	56244.93	56238.39063	56237.56692	56228.44922	504520.5	5411396.9
L4520.0	504520.5	5411398.8	31224.19922	320.28	0	48.855539	-86.938374	56226.71	56231.3	18.73	56245.44	56238.87500	56242.67123	56233.51172	504520.5	5411398.8
L4520.0	504520.5	5411398.8	31224.30078	320.52	0	48.855539	-86.938374	56226.80	56231.3	18.72	56245.52	56238.92969	56238.61173	56229.41406	504520.5	5411398.8
L4520.0	504520.5	5411400.7	31224.40039	321.36	0	48.855556	-86.938374	56227.02	56231.3	18.72	56245.74	56239.12109	56237.49329	56228.25391	504520.5	5411400.7
L4520.0	504520.5	5411400.7	31224.50000	322.06	0	48.855556	-86.938374	56227.26	56231.3	18.72	56245.98	56239.33594	56236.76708	56227.49219	504520.5	5411400.7
L4520.0	504520.5	5411402.1	31224.59961	324.85	0	48.855569	-86.938373	56227.61	56231.3	18.72	56246.32	56239.65234	56238.11853	56228.80469	504520.5	5411402.1
L4520.0	504520.6	5411403.3	31224.69922	322.45	0	48.855580	-86.938373	56228.04	56231.3	18.72	56246.76	56240.06641	56241.53915	56232.19141	504520.6	5411403.3
L4520.0	504520.6	5411405.3	31224.80078	323.08	0	48.855598	-86.938373	56228.20	56231.3	18.71	56246.91	56240.19141	56238.81922	56229.43750	504520.6	5411405.3
L4520.0	504520.6	5411405.3	31224.90039	324.17	0	48.855598	-86.938373	56228.40	56231.3	18.71	56247.11	56240.36328	56237.12582	56227.70703	504520.6	5411405.3
L4520.0	504520.6	5411407.3	31225.00000	323.71	0	48.855616	-86.938373	56228.63	56231.3	18.71	56247.34	56240.57031	56236.03555	56226.58594	504520.6	5411407.3
L4520.0	504520.6	5411408.7	31225.09961	323.20	0	48.855628	-86.938372	56228.91	56231.3	18.71	56247.62	56240.82422	56235.96419	56226.48047	504520.6	5411408.7
L4520.0	504520.6	5411410.1	31225.19922	321.42	0	48.855641	-86.938372	56229.01	56231.3	18.71	56247.72	56240.89844	56232.10259	56222.58984	504520.6	5411410.1
L4520.0	504520.6	5411410.1	31225.30078	322.20	0	48.855641	-86.938372	56229.89	56231.3	18.71	56248.60	56241.75391	56244.48654	56234.94141	504520.6	5411410.1
L4520.0	504520.6	5411411.8	31225.40039	325.28	0	48.855656	-86.938372	56229.95	56231.3	18.71	56248.66	56241.78906	56239.72955	56230.15625	504520.6	5411411.8
L4520.0	504520.6	5411411.8	31225.50000	326.01	0	48.855656	-86.938372	56230.19	56231.3	18.71	56248.90	56242.00391	56238.69893	56229.09375	504520.6	5411411.8
L4520.0	504520.6	5411413.4	31225.59961	326.72	0	48.855670	-86.938372	56230.76	56231.3	18.71	56249.47	56242.55078	56244.48646	56234.85547	504520.6	5411413.4
L4520.0	504520.6	5411415.4	31225.69922	321.34	0	48.855688	-86.938372	56231.26	56231.3	18.71	56249.97	56243.02734	56248.77391	56239.11328	504520.6	5411415.4
L4520.0	504520.6	5411416.7	31225.80078	320.39	0	48.855700	-86.938372	56231.52	56231.3	18.71	56250.23	56243.26172	56248.06039	56238.37109	504520.6	5411416.7
L4520.0	504520.6	5411416.7	31225.80078	320.39	0	48.855700	-86.938372	56231.87	56231.3	18.71	56250.58	56243.58984	56249.17582	56239.46094	504520.6	5411416.7
L4520.0	504520.6	5411418.3	31226.00000	329.43	0	48.855714	-86.938372	56232.32	56231.3	18.71	56251.03	56244.01563	56252.31189	56242.57031	504520.6	5411418.3
L4520.0	504520.7	5411419.7	31226.09961	327.21	0	48.855727	-86.938372	56232.13	56231.3	18.71	56250.83	56243.78906	56242.09544	56232.32813	504520.7	5411419.7
L4520.0	504520.7	5411419.7	31226.19922	318.40	0	48.855727	-86.938372	56232.76	56231.3	18.70	56251.46	56244.39453	56248.85823	56239.06641	504520.7	5411419.7
L4520.0	504520.7	5411421.2	31226.30078	319.41	0	48.855741	-86.938372	56232.97	56231.3	18.70	56251.67	56244.58203	56247.00525	56237.19141	504520.7	5411421.2
L4520.0	504520.7	5411422.8	31226.40039	320.49	0	48.855755	-86.938371	56233.04	56231.3	18.69	56251.73	56244.61719	56242.08751	56232.25000	504520.7	5411422.8
L4520.0	504520.7	5411422.8	31226.50000	322.32	0	48.855755	-86.938371	56233.23	56231.3	18.69	56251.92	56244.78516	56239.80086	56229.93750	504520.7	5411422.8
L4520.0	504520.7	5411424.1	31226.59961	320.81	0	48.855767	-86.938371	56233.51	56231.3	18.69	56252.19	56245.03125	56239.11422	56229.23047	504520.7	5411424.1
L4520.0	504520.7	5411425.6	31226.69922	322.33	0	48.855780	-86.938371	56234.07	56231.3	18.68	56252.75	56245.57031	56244.26851	56234.36328	504520.7	5411425.6
L4520.0	504520.7	5411425.6	31226.80078	322.53	0	48.855780	-86.938371	56234.42	56231.3	18.68	56253.10	56245.89453	56245.14248	56235.21484	504520.7	5411425.6
L4520.0	504520.7	5411427.1	31226.90039	322.29	0	48.855794	-86.938371	56234.86	56231.3	18.67	56253.53	56246.30078	56247.60828	56237.66016	504520.7	5411427.1
L4520.0	504520.7	5411427.1	31227.00000	322.14	0	48.855794	-86.938371	56235.21	56231.3	18.67	56253.88	56246.62891	56248.43399	56238.46484	504520.7	5411427.1
L4520.0	504520.7	5411429.0	31227.09961	322.25	0	48.855811	-86.938371	56235.88	56231.3	18.67	56254.56	56247.28906	56255.91161	56245.92188	504520.7	5411429.0
L4520.0	504520.7	5411430.3	31227.19922	320.84	0	48.855823	-86.938371	56236.25	56231.3	18.67	56254.93	56247.63281	56257.10566	56247.09766	504520.7	5411430.3
L4520.0	504520.7	5411430.3	31227.30078	320.24	0	48.855823	-86.938371	56236.52	56231.3	18.68	56255.20	56247.88281	56256.25926	56246.23047	504520.7	5411430.3
L4520.0	504520.7	5411431.8	31227.40039	320.13	0	48.855836	-86.938372	56236.95	56231.3	18.68	56255.63	56248.28906	56258.63617	56248.58984	504520.7	5411431.8
L4520.0	504520.6	5411433.2	31227.50000	317.56	0	48.855849	-86.938372	56237.11	56231.3	18.68	56255.79	56248.42969	56255.52773	56245.46094	504520.6	5411433.2
L4520.0	504520.6	5411433.2	31227.59961	317.04	0	48.855849	-86.938372	56237.28	56231.3	18.68	56255.96	56248.57422	56252.60369	56242.51953	504520.6	5411433.2
L4520.0	504520.6	5411434.6	31227.69922	317.21	0	48.855862	-86.938372	56237.79	56231.3	18.68	56256.47	56249.06250	56256.56344	56246.46484	504520.6	5411434.6
L4520.0	504520.6	5411436.0	31227.80078	319.44	0	48.855874	-86.938372	56238.20	56231.3	18.69	56256.89	56249.46094	56258.68886	56248.57031	504520.6	5411436.0
L4520.0	504520.6	5411436.0	31227.80078	319.44	0	48.855874	-86.938372	56238.48	56231.3	18.69	56257.17	56249.72266	56257.96118	56247.82813	504520.6	5411436.0
L4520.0	504520.6	5411437.2	31228.00000	323.39	0	48.855885	-86.938372	56239.18	56231.3	18.69	56257.87	56250.39844	56265.76619	56255.61719	504520.6	5411437.2
L4520.0	504520.6	5411438.5	31228.09961	321.79	0	48.855896	-86.938373	56239.01	56231.3	18.69	56257.71	56250.21875	56256.06998	56245.90625	504520.6	5411438.5
L4520.0	504520.6	5411438.5	31228.19922	321.67	0	48.855896	-86.938373	56239.33	56231.3	18.70	56258.02	56250.50781	56255.92705	56245.75000	504520.6	5411438.5
L4520.0	504520.6	5411439.7	31228.30078	321.45	0	48.855908	-86.938373	56239.56	56231.3	18.70	56258.25	56250.71484	56254.14735	56243.95703	504520.6	5411439.7
L4520.0	504520.6	5411440.9	31228.40039	319.98	0	48.855918	-86.938372	56239.78	56231.3	18.70	56258.48	56250.92578	56252.35929	56242.15625	504520.6	5411440.9
L4520.0	504520.6	5411442.3	31228.50000	321.05	0	48.855930	-86.938372	56239.95	56231.3	18.71	56258.65	56251.07422	56249.33543	56239.11719	504520.6	5411442.3
L4520.0	504520.6	5411443.4	31228.59961	321.36	0	48.855940	-86.938372	56240.51	56231.3	18.71	56259.22	56251.62500	56254.49676	56244.26563	504520.6	5411443.4
L4520.0	504520.6	5411443.4	31228.69922	320.98	0	48.855940	-86.938372	56240.98	56231.3	18.71	56259.69	56252.07422	56257.62632	56247.38672	504520.6	5411443.4
L4520.0	504520.6	5411444.8	31228.80078	321.18	0	48.855953	-86.938372	56241.23	56231.3	18.71	56259.95	56252.31641	56256.45275	56246.19922	504520.6	5411444.8
L4520.0	504520.6	5411444.8	31228.90039	321.99	0	48.855953	-86.938372	56241.57	56231.3	18.72	56260.29	56252.63281	56256.93093	56246.66797	504520.6	5411444.8
L4520.0	504520.6	5411445.8	31229.00000	323.03	0	48.855962	-86.938372	56241.84	56231.3	18.72	56260.56	56252.88672	56255.97732	56245.70313	504520.6	5411445.8
L4520.0	504520.6	5411447.0	31229.09961	323.66	0	48.855973	-86.938372	56242.36	56231.3	18.72	56261.08	56253.38672	56260.19585	56249.91406	504520.6	5411447.0
L4520.0	504520.6	5411448.2	31229.19922	322.63	0	48.855984	-86.938372	56242.70	56231.3	18.72	56261.42	56253.70703	56260.71761	56250.42578	504520.6	5411448.2
L4520.0	504520.6	5411449.4	31229.30078	322.82	0	48.855994	-86.938372	56242.90	56231.3	18.72	56261.62	56253.88672	56258.36909	56248.07031	504520.6	5411449.4
L4520.0	504520.6	5411449.4	31229.40039	322.04	0	48.855994	-86.938372	56243.07	56231.3	18.72	56261.79	56254.03906	56255.42805	56245.12109	504520.6	5411449.4
L4520.0	504520.7	5411450.4	31229.50000	321.68	0	48.856003	-86.938371	56243.67	56231.3	18.72	56262.39	56254.61719	56261.36934	56251.05469	504520.7	5411450.4
L4520.0	504520.7	5411451.5	31229.59961	321.71	0	48.856013	-86.938371	56243.58	56231.3	18.72	56262.30	56254.51172	56253.14029	56242.82031	504520.7	5411451.5
L4520.0	504520.7	5411451.5	31229.69922	321.70	0	48.856013	-86.938371	56244.22	56231.3	18.72	56262.94	56255.13281	56259.94474	56249.62109	504520.7	5411451.5
L4520.0	504520.7	5411452.5	31229.80078	322.34	0	48.856022	-86.938371	56244.64	56231.3	18.72	56263.36	56255.53125	56262.25290	56251.92188	504520.7	5411452.5
L4520.0	504520.7	5411452.5	31229.80078	322.34	0	48.856022	-86.938371	56245.09	56231.3	18.72	56263.81	56255.96484	56265.20381	56254.86719	504520.7	5411452.5
L4520.0	504520.8	5411453.8	31230.00000	322.67	0	48.856034	-86.938370	56245.26	56231.3	18.72	56263.98	56256.11719	56262.45950	56252.12109	504520.8	5411453.8
L4520.0	504520.8	5411454.9	31230.09961	321.27	0	48.856043	-86.938369	56245.61	56231.3	18.72	56264.32	56256.43750	56263.23359	56252.89063	504520.8	5411454.9
L4520.0	504520.8	5411455.9	31230.19922	320.25	0	48.856053	-86.938369	56245.86	56231.3	18.72	56264.58	56256.67969	56262.41270	56252.07031	504520.8	5411455.9
L4520.0	504520.8	5411455.9	31230.30078	320.75	0	48.856053	-86.938369	56245.98	56231.3	18.72	56264.70	56256.78125	56258.76547	56248.41797	504520.8	5411455.9
L4520.0	504520.8	5411456.8	31230.40039	319.79	0	48.856061	-86.938369	56246.66	56231.3	18.72	56265.37	56257.43750	56266.44082	56256.09375	504520.8	5411456.8
L4520.0	504520.9	5411457.8	31230.50000	319.73	0	48.856070	-86.938368	56246.75	56231.3	18.72	56265.46	56257.50781	56262.26308	56251.91406	504520.9	5411457.8
L4520.0	504520.9	5411457.8	31230.59961	320.47	0	48.856070	-86.938368	56247.49	56231.3	18.71	56266.21	56258.24219	56271.75012	56261.40234	504520.9	5411457.8
L4520.0	504520.9	5411458.8	31230.69922	319.92	0	48.856079	-86.938368	56247.41	56231.3	18.71	56266.12	56258.13281	56263.93346	56253.58594	504520.9	5411458.8
L4520.0	504520.9	5411459.9	31230.80078	320.46	0	48.856088	-86.938367	56248.34	56231.3	18.71	56267.05	56259.04688	56277.39754	56267.05469	504520.9	5411459.9
L4520.0	504520.9	5411459.9	31230.90039	321.45	0	48.856088	-86.938367	56248.21	56231.3	18.71	56266.92	56258.90234	56268.81092	56258.46875	504520.9	5411459.9
L4520.0	504521.0	5411460.7	31231.00000	320.43	0	48.856096	-86.938367	56248.69	56231.3	18.71	56267.40	56259.36328	56273.09024	56262.75000	504521.0	5411460.7
L4520.0	504521.0	5411461.7	31231.09961	322.42	0	48.856105	-86.938367	56248.46	56231.3	18.71	56267.17	56259.11719	56262.34762	56252.01172	504521.0	5411461.7
L4520.0	504521.0	5411461.7	31231.19922	323.23	0	48.856105	-86.938367	56248.84	56231.3	18.71	56267.55	56259.48047	56264.62943	56254.30078	504521.0	5411461.7
L4520.0	504521.0	5411462.3	31231.30078	323.40	0	48.856111	-86.938366	56249.22	56231.3	18.71	56267.94	56259.85547	56267.24245	56256.91797	504521.0	5411462.3
L4520.0	504521.0	5411463.2	31231.40039	323.38	0	48.856119	-86.938366	56249.58	56231.3	18.71	56268.29	56260.18750	56269.10430	56258.78516	504521.0	5411463.2
L4520.0	504521.0	5411463.2	31231.50000	324.08	0	48.856119	-86.938366	56250.20	56231.3	18.71	56268.91	56260.79297	56277.07391	56266.76172	504521.0	5411463.2
L4520.0	504521.0	5411464.1	31231.59961	325.06	0	48.856127	-86.938366	56250.29	56231.3	18.72	56269.00	56260.86719	56273.41248	56263.10547	504521.0	5411464.1
L4520.0	504521.0	5411464.8	31231.69922	329.54	0	48.856133	-86.938366	56250.94	56231.3	18.72	56269.65	56261.50391	56282.44542	56272.14844	504521.0	5411464.8
L4520.0	504521.0	5411465.6	31231.80078	329.22	0	48.856141	-86.938366	56250.78	56231.3	18.72	56269.50	56261.33594	56273.44264	56263.15234	504521.0	5411465.6
L4520.0	504521.0	5411465.6	31231.80078	329.22	0	48.856141	-86.938366	56251.37	56231.3	18.72	56270.08	56261.90234	56281.22194	56270.94141	504521.0	5411465.6
L4520.0	504521.0	5411466.6	31232.00000	330.50	0	48.856149	-86.938366	56251.37	56231.3	18.72	56270.09	56261.89453	56275.93818	56265.66797	504521.0	5411466.6
L4520.0	504521.0	5411467.4	31232.09961	326.48	0	48.856156	-86.938366	56251.60	56231.3	18.72	56270.32	56262.10938	56275.82922	56265.57031	504521.0	5411467.4
L4520.0	504521.0	5411468.2	31232.19922	325.43	0	48.856163	-86.938367	56251.63	56231.3	18.72	56270.34	56262.11719	56270.82946	56260.58203	504521.0	5411468.2
L4520.0	504521.0	5411468.2	31232.30078	324.25	0	48.856163	-86.938367	56251.95	56231.3	18.72	56270.67	56262.42969	56273.26317	56263.02734	504521.0	5411468.2
L4520.0	504521.0	5411468.9	31232.40039	325.35	0	48.856170	-86.938367	56252.31	56231.3	18.72	56271.03	56262.77734	56276.54946	56266.32422	504521.0	5411468.9

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4520.0	504521.0	5411469.6	31232.50000	325.30	0	48.856176	-86.938367	56252.63	56231.3	18.72	56271.34	56263.07422	56278.76221	56268.55078	504521.0	5411469.6
L4520.0	504521.0	5411469.6	31232.59961	327.48	0	48.856176	-86.938367	56253.00	56231.3	18.71	56271.71	56263.42969	56282.54678	56272.35156	504521.0	5411469.6
L4520.0	504521.0	5411470.3	31232.69922	326.49	0	48.856182	-86.938367	56252.73	56231.3	18.71	56271.44	56263.14453	56270.88754	56260.70313	504521.0	5411470.3
L4520.0	504520.9	5411471.0	31232.80078	327.88	0	48.856189	-86.938367	56253.23	56231.3	18.71	56271.94	56263.62891	56278.03889	56267.87109	504520.9	5411471.0
L4520.0	504520.9	5411471.0	31232.90039	328.87	0	48.856189	-86.938367	56253.18	56231.3	18.71	56271.89	56263.56641	56271.89528	56261.74219	504520.9	5411471.0
L4520.0	504520.9	5411471.7	31233.00000	329.39	0	48.856195	-86.938367	56253.90	56231.3	18.71	56272.61	56264.26953	56284.62865	56274.49219	504520.9	5411471.7
L4520.0	504520.9	5411472.5	31233.09961	328.69	0	48.856202	-86.938368	56254.10	56231.3	18.71	56272.81	56264.45703	56284.77065	56274.65234	504520.9	5411472.5
L4520.0	504520.9	5411472.5	31233.19922	324.93	0	48.856202	-86.938368	56254.15	56231.3	18.71	56272.86	56264.49219	56281.35393	56271.25000	504520.9	5411472.5
L4520.0	504520.9	5411473.2	31233.30078	325.77	0	48.856208	-86.938368	56254.34	56231.3	18.71	56273.06	56264.67969	56281.68236	56271.59766	504520.9	5411473.2
L4520.0	504520.9	5411473.2	31233.40039	325.19	0	48.856208	-86.938368	56254.07	56231.3	18.71	56272.79	56264.39453	56270.73358	56260.66797	504520.9	5411473.2
L4520.0	504520.9	5411474.0	31233.50000	325.40	0	48.856216	-86.938368	56254.66	56231.3	18.71	56273.38	56264.97266	56280.67184	56270.62500	504520.9	5411474.0
L4520.0	504520.9	5411474.4	31233.59961	324.24	0	48.856219	-86.938368	56254.61	56231.3	18.72	56273.32	56264.89844	56275.02468	56264.99609	504520.9	5411474.4
L4520.0	504520.9	5411474.4	31233.69922	328.33	0	48.856219	-86.938368	56255.20	56231.3	18.72	56273.92	56265.48438	56285.26877	56275.26172	504520.9	5411474.4
L4520.0	504520.9	5411475.0	31233.80078	327.59	0	48.856225	-86.938368	56254.79	56231.3	18.72	56273.50	56265.05078	56271.26464	56261.27734	504520.9	5411475.0
L4520.0	504520.9	5411475.6	31233.80078	327.59	0	48.856230	-86.938368	56255.22	56231.3	18.72	56273.94	56265.48047	56277.80045	56267.83203	504520.9	5411475.6
L4520.0	504520.9	5411475.6	31234.00000	324.62	0	48.856230	-86.938368	56255.09	56231.3	18.72	56273.81	56265.33594	56270.94864	56261.00000	504520.9	5411475.6
L4520.0	504520.9	5411476.1	31234.09961	323.13	0	48.856235	-86.938368	56255.69	56231.3	18.72	56274.41	56265.92188	56281.29240	56271.36719	504520.9	5411476.1
L4520.0	504520.9	5411476.6	31234.19922	323.50	0	48.856239	-86.938368	56255.55	56231.3	18.72	56274.27	56265.76953	56274.39977	56264.49609	504520.9	5411476.6
L4520.0	504520.9	5411477.1	31234.30078	327.00	0	48.856243	-86.938368	56255.94	56231.3	18.72	56274.66	56266.14844	56279.88226	56270.00000	504520.9	5411477.1
L4520.0	504520.9	5411477.1	31234.40039	322.49	0	48.856243	-86.938368	56256.42	56231.3	18.72	56275.14	56266.61328	56287.42605	56277.56641	504520.9	5411477.1
L4520.0	504520.9	5411477.5	31234.50000	323.46	0	48.856247	-86.938368	56256.19	56231.3	18.72	56274.91	56266.37109	56278.72683	56268.89063	504520.9	5411477.5
L4520.0	504520.9	5411477.5	31234.59961	322.47	0	48.856247	-86.938368	56256.38	56231.3	18.72	56275.10	56266.54688	56279.70826	56269.89453	504520.9	5411477.5
L4520.0	504520.9	5411478.4	31234.69922	327.30	0	48.856255	-86.938368	56256.35	56231.3	18.72	56275.07	56266.50781	56275.74709	56265.95703	504520.9	5411478.4
L4520.0	504520.9	5411478.4	31234.80078	325.96	0	48.856255	-86.938368	56256.59	56231.3	18.72	56275.31	56266.73438	56277.93926	56268.17188	504520.9	5411478.4
L4520.0	504520.9	5411478.4	31234.90039	324.75	0	48.856255	-86.938368	56256.75	56231.3	18.72	56275.47	56266.87891	56278.35199	56268.60547	504520.9	5411478.4
L4520.0	504520.9	5411478.9	31235.00000	326.11	0	48.856259	-86.938368	56256.70	56231.3	18.72	56275.42	56266.81641	56274.09548	56264.37500	504520.9	5411478.9
L4520.0	504520.8	5411479.2	31235.09961	326.71	0	48.856262	-86.938368	56256.78	56231.3	18.72	56275.49	56266.87500	56272.56432	56262.86719	504520.8	5411479.2
L4520.0	504520.8	5411479.2	31235.19922	324.08	0	48.856262	-86.938368	56257.16	56231.3	18.71	56275.88	56267.25391	56278.17238	56268.50000	504520.8	5411479.2
L4520.0	504520.8	5411479.5	31235.30078	322.40	0	48.856265	-86.938369	56257.24	56231.3	18.71	56275.95	56267.30859	56276.67190	56267.02344	504520.8	5411479.5
L4520.0	504520.8	5411479.8	31235.40039	323.38	0	48.856268	-86.938369	56257.29	56231.3	18.71	56275.99	56267.33594	56274.52505	56264.89844	504520.8	5411479.8
L4520.0	504520.8	5411480.0	31235.50000	323.45	0	48.856270	-86.938369	56257.24	56231.3	18.71	56275.94	56267.27344	56270.40411	56260.80469	504520.8	5411480.0
L4520.0	504520.8	5411480.0	31235.59961	326.01	0	48.856270	-86.938369	56257.01	56231.3	18.70	56275.71	56267.03125	56262.32686	56252.75000	504520.8	5411480.0
L4520.0	504520.8	5411480.3	31235.69922	323.31	0	48.856272	-86.938369	56257.42	56231.3	18.70	56276.12	56267.42969	56268.37039	56258.81641	504520.8	5411480.3
L4530.0	504529.1	5407845.4	964.59998	245.10	81.37	48.823573	-86.938297	56282.87	56392.2	-142.17	56140.70	56151.30859	56191.18423	56183.53906	504529.1	5407845.4
L4530.0	504529.0	5407845.5	964.70001	244.15	81.37	48.823574	-86.938297	56283.14	56392.2	-142.18	56140.97	56151.57422	56190.30868	56182.86328	504529.0	5407845.5
L4530.0	504529.0	5407845.6	964.79999	243.29	84.89	48.823575	-86.938297	56283.42	56392.2	-142.18	56141.24	56151.83594	56189.45214	56182.20313	504529.0	5407845.6
L4530.0	504529.0	5407845.7	964.90002	246.02	85.1	48.823576	-86.938297	56283.34	56392.2	-142.19	56141.16	56151.74609	56188.63748	56181.58594	504529.0	5407845.7
L4530.0	504529.0	5407845.9	965.00000	245.60	84.61	48.823578	-86.938297	56283.78	56392.2	-142.19	56141.59	56152.16797	56187.80691	56180.95313	504529.0	5407845.9
L4530.0	504529.0	5407846.1	965.09998	243.63	84.61	48.823579	-86.938297	56283.86	56392.2	-142.19	56141.67	56152.24219	56187.01727	56180.36328	504529.0	5407846.1
L4530.0	504529.0	5407846.1	965.20001	246.00	83.9	48.823579	-86.938297	56284.01	56392.2	-142.20	56141.81	56152.37500	56186.24076	56179.78125	504529.0	5407846.1
L4530.0	504529.0	5407846.3	965.29999	243.55	83.9	48.823581	-86.938297	56283.95	56392.2	-142.20	56141.75	56152.30859	56185.49424	56179.23438	504529.0	5407846.3
L4530.0	504529.0	5407846.3	965.40002	244.51	83.69	48.823581	-86.938297	56283.73	56392.2	-142.20	56141.52	56152.07031	56184.77523	56178.71094	504529.0	5407846.3
L4530.0	504529.0	5407846.5	965.50000	244.42	83.62	48.823583	-86.938297	56283.84	56392.2	-142.21	56141.63	56152.17188	56184.04927	56178.17969	504529.0	5407846.5
L4530.0	504529.0	5407846.7	965.59998	244.36	84.05	48.823585	-86.938297	56283.70	56392.2	-142.21	56141.49	56152.02734	56183.35521	56177.67969	504529.0	5407846.7
L4530.0	504529.0	5407847.0	965.70001	243.72	84.05	48.823587	-86.938297	56284.65	56392.2	-142.21	56142.44	56152.97266	56182.60327	56177.12500	504529.0	5407847.0
L4530.0	504529.0	5407847.2	965.79999	243.55	83.97	48.823589	-86.938297	56284.97	56392.2	-142.21	56142.76	56153.28516	56181.90765	56176.62109	504529.0	5407847.2
L4530.0	504529.0	5407847.2	965.90002	244.74	83.97	48.823589	-86.938297	56285.26	56392.2	-142.22	56143.04	56153.55859	56181.22856	56176.13281	504529.0	5407847.2
L4530.0	504529.0	5407847.5	966.00000	243.96	83.07	48.823592	-86.938297	56284.88	56392.2	-142.22	56142.66	56153.17578	56180.60691	56175.70313	504529.0	5407847.5
L4530.0	504529.0	5407847.7	966.09998	244.60	83.07	48.823594	-86.938297	56285.26	56392.2	-142.22	56143.04	56153.55078	56179.94758	56175.23438	504529.0	5407847.7
L4530.0	504529.0	5407847.7	966.20001	242.53	83.75	48.823594	-86.938297	56285.18	56392.2	-142.22	56142.96	56153.46875	56179.33148	56174.80859	504529.0	5407847.7
L4530.0	504529.0	5407848.4	966.29999	243.20	83.75	48.823600	-86.938297	56285.21	56392.2	-142.21	56143.00	56153.50391	56178.71954	56174.38281	504529.0	5407848.4
L4530.0	504529.0	5407848.4	966.40002	244.10	83.72	48.823600	-86.938297	56284.96	56392.2	-142.21	56142.75	56153.25000	56178.13868	56173.98828	504529.0	5407848.4
L4530.0	504529.0	5407848.7	966.50000	244.34	83.53	48.823603	-86.938297	56285.44	56392.2	-142.21	56143.23	56153.73047	56177.52050	56173.55469	504529.0	5407848.7
L4530.0	504529.0	5407849.0	966.59998	244.80	83.53	48.823606	-86.938297	56284.57	56392.2	-142.21	56142.36	56152.85938	56177.00329	56173.22266	504529.0	5407849.0
L4530.0	504529.0	5407849.0	966.70001	245.53	84.22	48.823606	-86.938297	56284.78	56392.2	-142.21	56142.57	56153.06641	56176.42467	56172.82422	504529.0	5407849.0
L4530.0	504529.0	5407849.7	966.79999	247.36	84.22	48.823612	-86.938297	56284.75	56392.2	-142.20	56142.55	56153.04688	56175.87162	56172.45313	504529.0	5407849.7
L4530.0	504529.0	5407849.7	966.90002	246.17	83.75	48.823612	-86.938297	56285.48	56392.2	-142.20	56143.28	56153.77734	56175.27844	56172.03906	504529.0	5407849.7
L4530.0	504529.0	5407850.2	967.00000	243.38	84.08	48.823616	-86.938297	56284.86	56392.2	-142.20	56142.66	56153.16016	56174.78481	56171.72266	504529.0	5407850.2
L4530.0	504529.1	5407850.5	967.09998	243.39	84.08	48.823620	-86.938297	56285.46	56392.2	-142.20	56143.26	56153.76172	56174.21905	56171.33203	504529.1	5407850.5
L4530.0	504529.1	5407851.0	967.20001	244.81	83.94	48.823624	-86.938296	56285.49	56392.2	-142.21	56143.28	56153.78516	56173.70085	56170.98828	504529.1	5407851.0
L4530.0	504529.1	5407851.0	967.29999	245.34	83.94	48.823624	-86.938296	56284.92	56392.2	-142.21	56142.71	56153.21875	56173.23058	56170.68750	504529.1	5407851.0
L4530.0	504529.1	5407851.5	967.40002	244.33	84.14	48.823628	-86.938296	56284.63	56392.2	-142.21	56142.41	56152.92188	56172.75059	56170.37891	504529.1	5407851.5
L4530.0	504529.1	5407851.8	967.50000	243.32	84.92	48.823631	-86.938296	56285.52	56392.2	-142.21	56143.31	56153.82813	56172.19861	56169.99609	504529.1	5407851.8
L4530.0	504529.1	5407852.2	967.59998	242.94	84.92	48.823635	-86.938296	56284.93	56392.2	-142.22	56142.71	56153.23438	56171.75435	56169.71875	504529.1	5407852.2
L4530.0	504529.1	5407852.7	967.70001	244.59	85.04	48.823639	-86.938296	56285.46	56392.2	-142.22	56143.24	56153.76953	56171.24223	56169.37109	504529.1	5407852.7
L4530.0	504529.1	5407853.3	967.79999	245.38	85.27	48.823644	-86.938296	56284.92	56392.2	-142.22	56142.70	56153.23828	56170.80865	56169.09766	504529.1	5407853.3
L4530.0	504529.1	5407853.7	967.90002	247.17	85.27	48.823648	-86.938297	56285.24	56392.2	-142.23	56143.01	56153.55859	56170.32536	56168.77344	504529.1	5407853.7
L4530.0	504529.1	5407853.7	968.00000	246.68	85.32	48.823648	-86.938297	56285.14	56392.2	-142.23	56142.91	56153.46875	56169.87612	56168.48438	504529.1	5407853.7
L4530.0	504529.0	5407854.2	968.09998	248.44	84.84	48.823653	-86.938297	56284.95	56392.2	-142.23	56142.72	56153.28906	56169.43938	56168.20313	504529.0	5407854.2
L4530.0	504529.0	5407854.7	968.20001	248.71	84.84	48.823657	-86.938297	56284.83	56392.2	-142.23	56142.60	56153.17969	56169.00425	56167.92188	504529.0	5407854.7
L4530.0	504529.0	5407855.2	968.29999	247.93	84.56	48.823662	-86.938297	56284.73	56392.2	-142.22	56142.50	56153.09375	56168.57384	56167.64063	504529.0	5407855.2
L4530.0	504529.0	5407855.2	968.40002	249.67	84.56	48.823662	-86.938297	56284.98	56392.2	-142.22	56142.76	56153.36719	56168.12529	56167.34375	504529.0	5407855.2
L4530.0	504528.9	5407855.9	968.50000	250.72	85.26	48.823668	-86.938298	56284.64	56392.2	-142.22	56142.42	56153.03906	56167.72239	56167.08594	504528.9	5407855.9
L4530.0	504528.9	5407856.6	968.59998	249.14	85.26	48.823674	-86.938299	56284.90	56392.2	-142.22	56142.68	56153.31641	56167.28497	56166.79297	504528.9	5407856.6
L4530.0	504528.8	5407857.5	968.70001	247.83	85.21	48.823682	-86.938299	56284.57	56392.2	-142.22	56142.35	56153.00391	56166.89216	56166.54297	504528.8	5407857.5
L4530.0	504528.8	5407857.5	968.79999	246.47	85.1	48.823682	-86.938299	56284.52	56392.2	-142.21	56142.31	56152.98047	56166.48512	56166.27344	504528.8	5407857.5
L4530.0	504528.8	5407858.1	968.90002	246.57	85.1	48.823687	-86.938300	56285.21	56392.2	-142.21	56143.00	56153.68750	56166.03436	56165.96094	504528.8	5407858.1
L4530.0	504528.8	5407858.7	969.00000	247.08	85.41	48.823693	-86.938300	56284.32	56392.2	-142.21	56142.11	56152.81641	56165.69370	56165.75781	504528.8	5407858.7
L4530.0	504528.7	5407859.3	969.09998	247.06	85.39	48.823699	-86.938301	56284.52	56392.2	-142.21	56142.31	56153.03906	56165.28498	56165.48047	504528.7	5407859.3
L4530.0	504528.7	5407859.3	969.20001	246.98	85.1	48.823699	-86.938301	56284.41	56392.2	-142.21	56142.20	56152.94922	56164.90140	56165.22656	504528.7	5407859.3
L4530.0	504528.7	5407860.0	969.29999	243.97	85.18	48.823705	-86.938301	56284.78	56392.2	-142.21	56142.57	56153.33984	56164.49013	56164.94531	504528.7	5407860.0
L4530.0	504528.7	5407860.9	969.40002	241.99	85.18	48.823713	-86.938302	56284.90	56392.2	-142.21	56142.69	56153.48438	56164.09970	56164.67969	504528.7	5407860.9
L4530.0	504528.6	5407861.5	969.50000	240.75	85.18	48.823718	-86.938302	56284.57	56392.2	-142.21	56142.36	56153.17969	56163.74330	56164.44531	504528.6	5407861.5
L4530.0	504528.6	5407861.5	969.59998	239.25	79.53	48.823718	-86.938302	56284.75	56392.2	-142.21	56142.54	56153.38281	56163.35681	56164.17969	504528.6	5407861.5
L4530.0	504528.6	5407862.3	969.70001	239.53	76.58	48.823726	-86.938303	56284.21	56392.2	-142.21	56142.00	56152.87109	56163.02209	56163.96484	504528.6	5407862.3
L4530.0	504528.5	5407863.0	969.79999	242.28	76.58	48.823732	-86.938303	56284.47	56392.2	-142.21	56142.26	56153.15625	56162.63769	56163.69531	504528.5	5407863.0
L4530.0	504528.5	5407863.7	969.90002	243.77	75.48	48.823738	-86.938304	56284.06	56392.2	-142.21	56141.85	56152.77344	56162.30150	56163.47656	504528.5	5407863.7
L4530.0	504528.5	5407864.4	970.00000	243.46	75.48	48.823744	-86.938304	56284.26	56392.2	-142.21	56142.05	56153.00391	56161.92806	56163.21484	504528.5	5407864.4
L4530.0	504528.5	5407864.4	970.09998	243.34	75.78	48.823744	-86.938304	56284.42	56392.2	-142.21	56142.21	56153.19531	56161.56060	56162.95703	504528.5	5407864.4
L4530.0	504528.5	5407865.2	970.20001	243.53	76.95	48.823752	-86.938305	56284.37	56392.2	-142.22	56142.15	56153.16406	56161.21102	56162.71094	504528.5	5407865.2
L4530.0	504528.4	5407865.9	970.29999	243.73	76.95	48.823758	-86.938305	56284.14	56392.2	-142.22	56141.92	56152.96484	56160.87587	56162.48438	504528.4	5407865.9
L4530.0	504528.4	5407865.9	970.40002	245.96	78.86	48.823758	-86.938305	56284.08	56392.2	-142.22	56141.86	56152.93750	56160.53240	56162.24219	504528.4	5407865.9
L4530.0	504528.4	5407866.9	970.50000	247.76	78.86	48.823767	-86.938305	56284.02	56392.2	-142.22	56141.79	56152.90234	56160.19250	56162.00391	504528.4	5407866.9

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4530.0	504528.4	5407867.7	970.59998	248.88	86.05	48.823774	-86.938306	56283.65	56392.2	-142.23	56141.42	56152.56641	56159.87543	56161.78516	504528.4	5407867.7
L4530.0	504528.4	5407868.7	970.70001	248.16	86.05	48.823783	-86.938306	56283.63	56392.2	-142.23	56141.39	56152.57031	56159.53842	56161.54297	504528.4	5407868.7
L4530.0	504528.3	5407869.7	970.79999	247.56	77.86	48.823792	-86.938306	56283.57	56392.2	-142.23	56141.34	56152.55859	56159.20539	56161.30469	504528.3	5407869.7
L4530.0	504528.3	5407869.7	970.90002	247.76	77.86	48.823792	-86.938306	56283.34	56392.2	-142.24	56141.11	56152.36328	56158.88692	56161.07813	504528.3	5407869.7
L4530.0	504528.3	5407870.6	971.00000	247.87	71.54	48.823800	-86.938306	56283.66	56392.2	-142.24	56141.42	56152.71094	56158.53493	56160.81641	504528.3	5407870.6
L4530.0	504528.3	5407871.5	971.09998	247.83	71.54	48.823808	-86.938306	56283.34	56392.2	-142.24	56141.10	56152.42969	56158.22735	56160.59375	504528.3	5407871.5
L4530.0	504528.3	5407872.4	971.20001	248.88	76.03	48.823816	-86.938306	56283.37	56392.2	-142.24	56141.13	56152.50000	56157.89877	56160.35156	504528.3	5407872.4
L4530.0	504528.3	5407872.4	971.29999	249.56	80.64	48.823816	-86.938306	56283.17	56392.2	-142.24	56140.93	56152.33594	56157.58778	56160.12500	504528.3	5407872.4
L4530.0	504528.3	5407873.1	971.40002	248.86	80.64	48.823823	-86.938306	56283.29	56392.2	-142.24	56141.05	56152.49609	56157.25764	56159.87891	504528.3	5407873.1
L4530.0	504528.3	5407873.1	971.50000	247.94	85.26	48.823823	-86.938306	56283.20	56392.2	-142.24	56140.96	56152.44922	56156.94362	56159.64453	504528.3	5407873.1
L4530.0	504528.3	5407875.2	971.59998	249.04	85.26	48.823842	-86.938306	56283.09	56392.2	-142.24	56140.85	56152.37891	56156.63298	56159.41016	504528.3	5407875.2
L4530.0	504528.3	5407875.2	971.70001	247.78	85.63	48.823842	-86.938306	56283.29	56392.2	-142.24	56141.05	56152.62109	56156.30367	56159.16016	504528.3	5407875.2
L4530.0	504528.3	5407876.1	971.79999	248.75	85.63	48.823850	-86.938306	56282.94	56392.2	-142.24	56140.70	56152.31250	56156.01293	56158.94141	504528.3	5407876.1
L4530.0	504528.3	5407876.9	971.90002	248.72	85.78	48.823857	-86.938306	56282.84	56392.2	-142.24	56140.60	56152.25781	56155.70740	56158.71094	504528.3	5407876.9
L4530.0	504528.3	5407878.1	972.00000	247.89	85.78	48.823868	-86.938306	56282.89	56392.2	-142.24	56140.65	56152.35156	56155.39365	56158.46875	504528.3	5407878.1
L4530.0	504528.3	5407878.1	972.09998	248.39	85.72	48.823868	-86.938306	56282.66	56392.2	-142.24	56140.42	56152.16406	56155.10032	56158.24609	504528.3	5407878.1
L4530.0	504528.4	5407879.2	972.20001	248.72	86.05	48.823878	-86.938306	56282.64	56392.2	-142.24	56140.40	56152.18750	56154.79466	56158.00781	504528.4	5407879.2
L4530.0	504528.4	5407880.3	972.29999	250.26	86.05	48.823887	-86.938306	56282.48	56392.2	-142.23	56140.24	56152.07422	56154.49996	56157.78125	504528.4	5407880.3
L4530.0	504528.4	5407881.5	972.40002	250.81	78.07	48.823898	-86.938305	56282.15	56392.2	-142.23	56139.92	56151.79688	56154.21750	56157.56250	504528.4	5407881.5
L4530.0	504528.4	5407882.7	972.50000	250.16	78.07	48.823909	-86.938305	56282.29	56392.2	-142.23	56140.06	56151.98438	56153.90588	56157.31641	504528.4	5407882.7
L4530.0	504528.4	5407882.7	972.59998	248.67	76.27	48.823909	-86.938305	56282.33	56392.2	-142.23	56140.10	56152.07031	56153.60238	56157.07422	504528.4	5407882.7
L4530.0	504528.4	5407884.0	972.70001	248.55	78.82	48.823920	-86.938305	56282.13	56392.2	-142.23	56139.90	56151.91406	56153.31629	56156.85156	504528.4	5407884.0
L4530.0	504528.4	5407885.0	972.79999	248.59	78.82	48.823929	-86.938305	56282.05	56392.2	-142.22	56139.82	56151.87891	56153.02354	56156.61719	504528.4	5407885.0
L4530.0	504528.4	5407885.0	972.90002	247.48	81	48.823929	-86.938305	56281.53	56392.2	-142.22	56139.31	56151.41797	56152.76076	56156.41406	504528.4	5407885.0
L4530.0	504528.5	5407886.0	973.00000	247.55	81	48.823938	-86.938304	56282.10	56392.2	-142.22	56139.88	56152.03125	56152.42722	56156.13672	504528.5	5407886.0
L4530.0	504528.5	5407887.0	973.09998	245.51	83.15	48.823947	-86.938304	56281.15	56392.2	-142.22	56138.93	56151.12891	56152.19620	56155.96484	504528.5	5407887.0
L4530.0	504528.5	5407887.0	973.20001	245.14	76.88	48.823947	-86.938304	56281.66	56392.2	-142.23	56139.44	56151.68359	56151.86899	56155.69141	504528.5	5407887.0
L4530.0	504528.5	5407888.0	973.29999	244.20	76.88	48.823956	-86.938304	56281.66	56392.2	-142.23	56139.43	56151.72266	56151.57754	56155.45313	504528.5	5407888.0
L4530.0	504528.5	5407889.0	973.40002	241.41	76.88	48.823966	-86.938303	56281.66	56392.2	-142.23	56139.43	56151.76563	56151.28645	56155.21875	504528.5	5407889.0
L4530.0	504528.5	5407889.0	973.50000	240.27	76.42	48.823966	-86.938303	56281.33	56392.2	-142.24	56139.09	56151.47266	56151.01901	56155.00391	504528.5	5407889.0
L4530.0	504528.6	5407890.4	973.59998	241.26	79.2	48.823978	-86.938303	56281.31	56392.2	-142.24	56139.07	56151.50000	56150.73116	56154.76563	504528.6	5407890.4
L4530.0	504528.6	5407891.6	973.70001	241.71	79.2	48.823989	-86.938303	56281.56	56392.2	-142.24	56139.31	56151.78516	56150.42687	56154.51172	504528.6	5407891.6
L4530.0	504528.6	5407892.9	973.79999	242.74	83.56	48.824000	-86.938302	56280.82	56392.2	-142.24	56138.58	56151.10156	56150.18806	56154.32422	504528.6	5407892.9
L4530.0	504528.6	5407892.9	973.90002	243.61	83.56	48.824000	-86.938302	56281.03	56392.2	-142.25	56138.78	56151.34766	56149.88803	56154.07422	504528.6	5407892.9
L4530.0	504528.6	5407894.4	974.00000	243.34	79.25	48.824014	-86.938302	56280.79	56392.3	-142.25	56138.54	56151.15234	56149.61805	56153.85156	504528.6	5407894.4
L4530.0	504528.7	5407895.4	974.09998	244.06	81.51	48.824023	-86.938301	56281.22	56392.2	-142.25	56138.98	56151.63672	56149.30340	56153.58594	504528.7	5407895.4
L4530.0	504528.7	5407896.4	974.20001	243.34	81.51	48.824032	-86.938301	56280.83	56392.2	-142.24	56138.59	56151.28906	56149.04471	56153.37109	504528.7	5407896.4
L4530.0	504528.7	5407896.4	974.29999	244.42	87	48.824032	-86.938301	56280.79	56392.2	-142.24	56138.56	56151.30469	56148.76257	56153.13672	504528.7	5407896.4
L4530.0	504528.7	5407897.7	974.40002	246.00	86.99	48.824044	-86.938301	56280.94	56392.2	-142.23	56138.71	56151.50000	56148.46893	56152.89063	504528.7	5407897.7
L4530.0	504528.7	5407899.0	974.50000	247.22	86.99	48.824056	-86.938300	56280.38	56392.2	-142.22	56138.16	56150.99219	56148.22242	56152.68750	504528.7	5407899.0
L4530.0	504528.8	5407900.2	974.59998	246.21	78.8	48.824066	-86.938300	56280.38	56392.2	-142.22	56138.16	56151.03516	56147.93963	56152.44922	504528.8	5407900.2
L4530.0	504528.8	5407900.2	974.70001	248.10	78.8	48.824066	-86.938300	56280.46	56392.2	-142.21	56138.24	56151.15625	56147.65185	56152.20703	504528.8	5407900.2
L4530.0	504528.8	5407901.6	974.79999	247.52	79.67	48.824079	-86.938300	56280.60	56392.2	-142.21	56138.39	56151.34766	56147.35969	56151.96094	504528.8	5407901.6
L4530.0	504528.8	5407902.5	974.90002	247.30	79.67	48.824087	-86.938300	56279.66	56392.2	-142.20	56137.46	56150.46094	56147.13976	56151.78125	504528.8	5407902.5
L4530.0	504528.8	5407903.6	975.00000	247.82	79.67	48.824097	-86.938300	56280.14	56392.2	-142.20	56137.94	56150.98047	56146.82600	56151.51172	504528.8	5407903.6
L4530.0	504528.8	5407904.7	975.09998	248.97	85.61	48.824107	-86.938300	56279.89	56392.2	-142.20	56137.70	56150.78125	56146.56036	56151.28906	504528.8	5407904.7
L4530.0	504528.8	5407904.7	975.20001	249.31	85.61	48.824107	-86.938300	56279.80	56392.2	-142.20	56137.60	56150.71875	56146.28544	56151.05469	504528.8	5407904.7
L4530.0	504528.8	5407906.2	975.29999	248.75	76.07	48.824120	-86.938299	56280.23	56392.2	-142.20	56138.03	56151.18750	56145.97519	56150.78906	504528.8	5407906.2
L4530.0	504528.8	5407907.3	975.40002	247.00	79.5	48.824130	-86.938299	56279.95	56392.2	-142.20	56137.75	56150.94531	56145.71222	56150.56641	504528.8	5407907.3
L4530.0	504528.8	5407908.4	975.50000	247.60	79.5	48.824140	-86.938299	56279.57	56392.2	-142.20	56137.37	56150.60156	56145.45580	56150.35156	504528.8	5407908.4
L4530.0	504528.8	5407909.6	975.59998	248.29	79.5	48.824151	-86.938299	56279.72	56392.2	-142.20	56137.52	56150.78906	56145.16387	56150.10156	504528.8	5407909.6
L4530.0	504528.8	5407909.6	975.70001	248.42	77.43	48.824151	-86.938299	56279.60	56392.2	-142.20	56137.40	56150.70313	56144.88971	56149.86719	504528.8	5407909.6
L4530.0	504528.8	5407910.4	975.79999	249.67	77.43	48.824158	-86.938299	56279.28	56392.2	-142.20	56137.08	56150.41797	56144.62860	56149.64453	504528.8	5407910.4
L4530.0	504528.8	5407911.6	975.90002	248.76	75.36	48.824169	-86.938299	56279.34	56392.2	-142.20	56137.14	56150.50781	56144.34180	56149.39844	504528.8	5407911.6
L4530.0	504528.8	5407912.5	976.00000	248.96	76	48.824177	-86.938299	56279.62	56392.2	-142.20	56137.42	56150.82031	56144.03993	56149.13672	504528.8	5407912.5
L4530.0	504528.8	5407914.0	976.09998	247.96	76	48.824190	-86.938299	56279.29	56392.2	-142.20	56137.08	56150.51172	56143.77892	56148.91406	504528.8	5407914.0
L4530.0	504528.8	5407914.0	976.20001	246.44	83.84	48.824190	-86.938299	56278.95	56392.2	-142.21	56136.74	56150.20313	56143.51738	56148.69141	504528.8	5407914.0
L4530.0	504528.8	5407915.5	976.29999	246.33	83.84	48.824204	-86.938299	56279.26	56392.2	-142.21	56137.05	56150.53906	56143.21193	56148.42578	504528.8	5407915.5
L4530.0	504528.8	5407916.6	976.40002	245.38	88.57	48.824214	-86.938299	56279.06	56392.2	-142.22	56136.84	56150.35938	56142.94050	56148.19531	504528.8	5407916.6
L4530.0	504528.8	5407917.8	976.50000	245.14	88.57	48.824225	-86.938299	56278.57	56392.2	-142.22	56136.34	56149.88672	56142.68769	56147.98047	504528.8	5407917.8
L4530.0	504528.8	5407917.8	976.59998	243.37	88.36	48.824225	-86.938299	56278.98	56392.2	-142.23	56136.75	56150.32031	56142.37345	56147.70313	504528.8	5407917.8
L4530.0	504528.8	5407919.2	976.70001	243.97	86.32	48.824237	-86.938299	56278.70	56392.2	-142.24	56136.46	56150.05469	56142.10505	56147.47266	504528.8	5407919.2
L4530.0	504528.8	5407920.5	976.79999	243.82	86.32	48.824249	-86.938299	56278.48	56392.2	-142.24	56136.24	56149.85547	56141.83111	56147.23438	504528.8	5407920.5
L4530.0	504528.8	5407920.5	976.90002	242.30	88.33	48.824249	-86.938299	56278.82	56392.2	-142.25	56136.58	56150.21875	56141.51888	56146.96094	504528.8	5407920.5
L4530.0	504528.9	5407921.7	977.00000	243.16	88.47	48.824260	-86.938299	56278.22	56392.3	-142.25	56135.97	56149.62891	56141.26899	56146.75000	504528.9	5407921.7
L4530.0	504528.9	5407922.9	977.09998	241.53	88.47	48.824271	-86.938299	56278.34	56392.3	-142.26	56136.08	56149.75781	56140.97003	56146.48438	504528.9	5407922.9
L4530.0	504528.9	5407922.9	977.20001	240.22	86.64	48.824271	-86.938299	56278.19	56392.3	-142.27	56135.92	56149.61328	56140.68795	56146.23828	504528.9	5407922.9
L4530.0	504528.9	5407924.3	977.29999	240.31	86.64	48.824283	-86.938298	56277.93	56392.3	-142.28	56135.65	56149.35938	56140.41202	56146.00000	504528.9	5407924.3
L4530.0	504528.9	5407924.3	977.40002	241.11	86.65	48.824283	-86.938298	56278.17	56392.3	-142.29	56135.88	56149.60547	56140.10151	56145.72266	504528.9	5407924.3
L4530.0	504528.9	5407927.0	977.50000	242.28	87.18	48.824307	-86.938298	56277.68	56392.3	-142.31	56135.38	56149.11719	56139.83837	56145.49609	504528.9	5407927.0
L4530.0	504528.9	5407927.0	977.59998	243.41	87.18	48.824307	-86.938298	56277.47	56392.3	-142.32	56135.16	56148.91016	56139.55520	56145.24609	504528.9	5407927.0
L4530.0	504528.9	5407928.5	977.70001	244.04	87.2	48.824321	-86.938298	56277.66	56392.3	-142.33	56135.33	56149.08984	56139.24461	56144.97266	504528.9	5407928.5
L4530.0	504528.9	5407929.7	977.79999	245.84	87.2	48.824332	-86.938298	56277.53	56392.3	-142.34	56135.19	56148.95703	56138.95320	56144.71484	504528.9	5407929.7
L4530.0	504528.9	5407929.7	977.90002	246.98	88.73	48.824332	-86.938298	56277.02	56392.3	-142.35	56134.67	56148.44531	56138.68558	56144.48047	504528.9	5407929.7
L4530.0	504528.9	5407931.3	978.00000	247.69	88.73	48.824346	-86.938298	56277.09	56392.4	-142.36	56134.73	56148.51172	56138.37770	56144.20313	504528.9	5407931.3
L4530.0	504528.9	5407932.5	978.09998	248.41	87.5	48.824357	-86.938298	56276.74	56392.4	-142.36	56134.38	56148.16406	56138.09548	56143.95313	504528.9	5407932.5
L4530.0	504528.9	5407933.7	978.20001	251.91	87.5	48.824368	-86.938298	56276.69	56392.4	-142.36	56134.32	56148.10547	56137.79221	56143.68359	504528.9	5407933.7
L4530.0	504528.9	5407934.7	978.29999	250.69	85.22	48.824377	-86.938298	56276.99	56392.4	-142.37	56134.63	56148.41797	56137.46249	56143.38281	504528.9	5407934.7
L4530.0	504528.9	5407934.7	978.40002	249.12	88.27	48.824377	-86.938298	56276.66	56392.4	-142.37	56134.29	56148.07422	56137.17426	56143.12500	504528.9	5407934.7
L4530.0	504528.9	5407936.0	978.50000	248.49	88.27	48.824388	-86.938298	56276.46	56392.4	-142.37	56134.09	56147.87109	56136.87479	56142.85547	504528.9	5407936.0
L4530.0	504528.9	5407937.2	978.59998	247.47	81.56	48.824399	-86.938298	56276.10	56392.4	-142.37	56133.73	56147.50781	56136.58403	56142.59375	504528.9	5407937.2
L4530.0	504528.9	5407938.2	978.70001	248.75	86.27	48.824408	-86.938297	56276.51	56392.4	-142.37	56134.13	56147.89844	56136.24058	56142.27734	504528.9	5407938.2
L4530.0	504528.9	5407939.5	978.79999	251.02	86.27	48.824420	-86.938297	56276.17	56392.4	-142.38	56133.79	56147.55078	56135.94438	56142.00781	504528.9	5407939.5
L4530.0	504529.0	5407940.4	978.90002	251.39	88.17	48.824428	-86.938297	56276.13	56392.4	-142.38	56133.75	56147.50000	56135.62605	56141.71484	504529.0	5407940.4
L4530.0	504529.0	5407941.7	979.00000	251.95	88.17	48.824439	-86.938297	56275.71	56392.4	-142.38	56133.33	56147.07031	56135.33085	56141.44531	504529.0	5407941.7
L4530.0	504529.0	5407943.0	979.09998	251.65	89.47	48.824451	-86.938296	56275.72	56392.4	-142.38	56133.34	56147.06250	56135.00472	56141.14453	504529.0	5407943.0
L4530.0	504529.0	5407943.0	979.20001	252.39	84.25	48.824451	-86.938296	56275.61	56392.4	-142.38	56133.23	56146.93750	56134.68429	56140.84766	504529.0	5407943.0
L4530.0	504529.0	5407944.1	979.29999	252.87	84.25	48.824462	-86.938296	56275.26	56392.4	-142.38	56132.89	56146.57813	56134.37682	56140.56250	504529.0	5407944.1
L4530.0	504529.0	5407945.5	979.40002	251.88	83.11	48.824474	-86.938296	56274.97	56392.4	-142.38	56132.60	56146.26953	56134.06359	56140.27344	504529.0	5407945.5
L4530.0	504529.0	5407946.8	979.50000	249.45	86.21	48.824486	-86.938296	56274.72	56392.4	-142.38	56132.34	56145.98828	56133.74588	56139.97656	504529.0	5407946.8
L4530.0	504529.0	5407946.8	979.59998	249.38	86.21	48.824486	-86.938296	56274.52	56392.4	-142.37	56132.14	56145.76563	56133.42164	56139.67188	504529.0	5407946.8
L4530.0	504529.0	5407947.9	979.70001	250.36	88.37	48.824495	-86.938296	56274.32	56392.4	-142.37	56131.94	56145.53906	56133.09481	56139.36328	504529.0	5407947.9
L4530.0	504529.0	5407949.3	979.79999	249.38	88.37	48.824508	-86.938296	56274.39	56392.4	-142.37	56132.01	56145.58203	56132.74734	56139.03125	504529.0	5407949.3

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4530.0	504529.0	5407949.3	979.90002	250.17	87.52	48.824508	-86.938296	56273.57	56392.4	-142.37	56131.20	56144.73828	56132.45585	56138.75781	504529.0	5407949.3
L4530.0	504529.0	5407950.9	980.00000	251.26	89.75	48.824522	-86.938296	56273.59	56392.4	-142.37	56131.22	56144.72656	56132.10628	56138.42188	504529.0	5407950.9
L4530.0	504529.0	5407952.1	980.09998	251.27	90.1	48.824534	-86.938296	56273.50	56392.4	-142.37	56131.12	56144.59375	56131.76191	56138.09375	504529.0	5407952.1
L4530.0	504529.0	5407953.2	980.20001	251.14	90.1	48.824543	-86.938296	56273.17	56392.4	-142.38	56130.79	56144.22656	56131.43004	56137.77344	504529.0	5407953.2
L4530.0	504529.0	5407955.3	980.29999	248.98	88.87	48.824562	-86.938296	56273.00	56392.4	-142.38	56130.63	56144.02734	56131.08395	56137.43750	504529.0	5407955.3
L4530.0	504529.0	5407955.3	980.40002	247.24	88.87	48.824562	-86.938296	56272.93	56392.4	-142.38	56130.54	56143.89844	56130.73025	56137.09375	504529.0	5407955.3
L4530.0	504529.0	5407956.6	980.50000	246.00	89.33	48.824574	-86.938296	56272.76	56392.4	-142.39	56130.37	56143.68359	56130.37890	56136.75000	504529.0	5407956.6
L4530.0	504529.0	5407957.9	980.59998	244.88	89.28	48.824585	-86.938296	56272.19	56392.4	-142.39	56129.80	56143.07031	56130.05118	56136.42969	504529.0	5407957.9
L4530.0	504529.0	5407958.9	980.70001	241.99	89.28	48.824595	-86.938296	56271.96	56392.4	-142.39	56129.57	56142.79297	56129.69773	56136.08203	504529.0	5407958.9
L4530.0	504529.0	5407959.9	980.79999	242.28	90.3	48.824603	-86.938296	56271.50	56392.4	-142.39	56129.11	56142.28516	56129.35649	56135.74609	504529.0	5407959.9
L4530.0	504529.0	5407959.9	980.90002	242.58	86.1	48.824603	-86.938296	56271.27	56392.4	-142.40	56128.88	56142.00000	56128.99676	56135.38672	504529.0	5407959.9
L4530.0	504529.0	5407961.5	981.00000	242.85	86.1	48.824618	-86.938296	56270.62	56392.4	-142.40	56128.22	56141.28906	56128.66249	56135.05469	504529.0	5407961.5
L4530.0	504529.0	5407962.9	981.09998	242.25	87.26	48.824630	-86.938296	56270.82	56392.4	-142.41	56128.41	56141.42188	56128.26831	56134.66016	504529.0	5407962.9
L4530.0	504529.0	5407963.9	981.20001	242.17	87.26	48.824639	-86.938296	56270.66	56392.4	-142.42	56128.24	56141.19141	56127.89485	56134.28125	504529.0	5407963.9
L4530.0	504529.1	5407965.2	981.29999	243.14	89.19	48.824651	-86.938295	56270.69	56392.4	-142.42	56128.27	56141.16016	56127.50474	56133.89063	504529.1	5407965.2
L4530.0	504529.1	5407965.2	981.40002	242.89	86.7	48.824651	-86.938295	56269.94	56392.4	-142.43	56127.51	56140.33594	56127.16394	56133.54297	504529.1	5407965.2
L4530.0	504529.1	5407966.8	981.50000	243.00	86.7	48.824665	-86.938295	56269.57	56392.4	-142.44	56127.13	56139.89063	56126.79441	56133.16406	504529.1	5407966.8
L4530.0	504529.1	5407968.2	981.59998	241.87	90.39	48.824678	-86.938295	56269.23	56392.4	-142.45	56126.78	56139.47266	56126.41945	56132.78125	504529.1	5407968.2
L4530.0	504529.1	5407969.4	981.70001	242.87	90.39	48.824689	-86.938295	56268.88	56392.5	-142.46	56126.42	56139.04297	56126.04170	56132.39063	504529.1	5407969.4
L4530.0	504529.1	5407969.4	981.79999	243.71	90.39	48.824689	-86.938295	56268.42	56392.5	-142.46	56125.95	56138.50000	56125.66779	56132.00391	504529.1	5407969.4
L4530.0	504529.1	5407970.7	981.90002	244.30	90.39	48.824701	-86.938295	56268.59	56392.5	-142.47	56126.12	56138.59375	56125.24769	56131.57031	504529.1	5407970.7
L4530.0	504529.1	5407972.1	982.00000	246.13	90.41	48.824713	-86.938294	56268.14	56392.5	-142.48	56125.66	56138.05859	56124.86603	56131.17188	504529.1	5407972.1
L4530.0	504529.1	5407973.3	982.09998	245.68	90.45	48.824724	-86.938294	56267.57	56392.5	-142.48	56125.08	56137.39844	56124.48879	56130.77734	504529.1	5407973.3
L4530.0	504529.1	5407974.4	982.20001	246.94	90.45	48.824734	-86.938294	56267.45	56392.5	-142.48	56124.97	56137.20313	56124.07661	56130.34375	504529.1	5407974.4
L4530.0	504529.2	5407976.0	982.29999	250.23	90.35	48.824748	-86.938294	56266.73	56392.5	-142.48	56124.24	56136.38672	56123.70213	56129.94922	504529.2	5407976.0
L4530.0	504529.2	5407976.0	982.40002	252.70	90.99	48.824748	-86.938294	56266.38	56392.5	-142.48	56123.89	56135.94922	56123.29865	56129.51953	504529.2	5407976.0
L4530.0	504529.2	5407977.5	982.50000	253.30	90.99	48.824762	-86.938294	56266.03	56392.5	-142.49	56123.54	56135.51172	56122.89149	56129.08594	504529.2	5407977.5
L4530.0	504529.2	5407978.9	982.59998	251.93	91.27	48.824775	-86.938293	56265.46	56392.5	-142.49	56122.97	56134.84766	56122.49529	56128.66406	504529.2	5407978.9
L4530.0	504529.2	5407980.7	982.70001	250.76	91.27	48.824790	-86.938293	56264.89	56392.5	-142.49	56122.40	56134.18359	56122.09536	56128.23438	504529.2	5407980.7
L4530.0	504529.2	5407980.7	982.79999	250.71	90.89	48.824790	-86.938293	56264.82	56392.5	-142.49	56122.33	56134.01172	56121.65835	56127.76563	504529.2	5407980.7
L4530.0	504529.2	5407982.2	982.90002	249.41	90.89	48.824804	-86.938293	56264.25	56392.5	-142.49	56121.76	56133.34375	56121.25091	56127.32422	504529.2	5407982.2
L4530.0	504529.2	5407983.8	983.00000	247.26	90.89	48.824819	-86.938293	56263.93	56392.5	-142.49	56121.44	56132.91797	56120.82303	56126.85938	504529.2	5407983.8
L4530.0	504529.2	5407983.8	983.09998	246.21	90.9	48.824819	-86.938293	56263.44	56392.5	-142.49	56120.94	56132.31250	56120.40334	56126.40234	504529.2	5407983.8
L4530.0	504529.2	5407984.8	983.20001	246.21	90.95	48.824827	-86.938293	56263.01	56392.5	-142.50	56120.51	56131.77344	56119.97518	56125.93359	504529.2	5407984.8
L4530.0	504529.3	5407986.1	983.29999	246.22	90.95	48.824839	-86.938292	56262.37	56392.5	-142.50	56119.87	56131.02344	56119.55719	56125.47656	504529.3	5407986.1
L4530.0	504529.3	5407987.4	983.40002	245.08	90.95	48.824850	-86.938292	56261.80	56392.5	-142.51	56119.29	56130.32813	56119.13137	56125.00781	504529.3	5407987.4
L4530.0	504529.3	5407988.6	983.50000	246.99	90.95	48.824861	-86.938292	56261.56	56392.5	-142.51	56119.04	56129.96484	56118.67969	56124.50781	504529.3	5407988.6
L4530.0	504529.3	5407989.7	983.59998	247.16	91.04	48.824872	-86.938292	56260.84	56392.5	-142.52	56118.32	56129.12500	56118.25549	56124.03516	504529.3	5407989.7
L4530.0	504529.3	5407989.7	983.70001	248.17	91.07	48.824872	-86.938292	56260.30	56392.5	-142.53	56117.78	56128.46094	56117.81542	56123.54688	504529.3	5407989.7
L4530.0	504529.3	5407990.9	983.79999	247.78	91.04	48.824882	-86.938292	56260.22	56392.5	-142.53	56117.69	56128.24609	56117.34148	56123.01953	504529.3	5407990.9
L4530.0	504529.3	5407992.3	983.90002	246.91	91.04	48.824895	-86.938292	56259.46	56392.5	-142.54	56116.92	56127.35156	56116.90899	56122.53516	504529.3	5407992.3
L4530.0	504529.3	5407993.8	984.00000	247.37	91.13	48.824908	-86.938292	56259.13	56392.5	-142.54	56116.59	56126.89063	56116.44329	56122.01172	504529.3	5407993.8
L4530.0	504529.3	5407993.8	984.09998	246.99	91.16	48.824908	-86.938292	56258.89	56392.5	-142.54	56116.35	56126.51563	56115.96769	56121.48047	504529.3	5407993.8
L4530.0	504529.3	5407995.2	984.20001	246.64	91.16	48.824921	-86.938292	56258.26	56392.5	-142.54	56115.72	56125.75000	56115.51421	56120.96484	504529.3	5407995.2
L4530.0	504529.3	5407996.6	984.29999	248.73	91.16	48.824933	-86.938292	56257.24	56392.5	-142.54	56114.70	56124.59375	56115.08284	56120.47266	504529.3	5407996.6
L4530.0	504529.3	5407997.8	984.40002	250.16	91.16	48.824944	-86.938292	56256.93	56392.5	-142.54	56114.39	56124.14453	56114.60026	56119.92578	504529.3	5407997.8
L4530.0	504529.3	5407999.0	984.50000	250.20	91.16	48.824955	-86.938292	56256.14	56392.5	-142.54	56113.60	56123.21094	56114.14579	56119.40625	504529.3	5407999.0
L4530.0	504529.3	5408000.1	984.59998	252.00	91.16	48.824965	-86.938292	56255.78	56392.5	-142.55	56113.23	56122.69141	56113.65946	56118.85156	504529.3	5408000.1
L4530.0	504529.3	5408000.1	984.70001	252.23	91.16	48.824965	-86.938292	56255.86	56392.5	-142.55	56113.32	56122.63281	56113.13859	56118.26172	504529.3	5408000.1
L4530.0	504529.3	5408002.9	984.79999	251.22	91.16	48.824990	-86.938292	56254.79	56392.5	-142.55	56112.24	56121.40234	56112.69186	56117.74219	504529.3	5408002.9
L4530.0	504529.3	5408002.9	984.90002	250.39	91.16	48.824990	-86.938292	56254.10	56392.5	-142.55	56111.55	56120.55859	56112.21530	56117.19141	504529.3	5408002.9
L4530.0	504529.3	5408004.4	985.00000	248.00	91.16	48.825004	-86.938292	56253.49	56392.6	-142.55	56110.94	56119.78906	56111.72958	56116.63281	504529.3	5408004.4
L4530.0	504529.3	5408004.4	985.09998	245.42	91.16	48.825004	-86.938292	56252.84	56392.6	-142.55	56110.29	56118.98047	56111.24271	56116.06641	504529.3	5408004.4
L4530.0	504529.3	5408005.9	985.20001	243.00	91.16	48.825017	-86.938292	56252.28	56392.6	-142.56	56109.72	56118.24609	56110.74673	56115.49219	504529.3	5408005.9
L4530.0	504529.3	5408007.3	985.29999	243.84	91.16	48.825030	-86.938292	56251.14	56392.6	-142.56	56108.58	56116.94141	56110.28498	56114.94922	504529.3	5408007.3
L4530.0	504529.3	5408008.4	985.40002	245.77	91.16	48.825040	-86.938292	56251.19	56392.6	-142.57	56108.63	56116.82422	56109.74015	56114.32031	504529.3	5408008.4
L4530.0	504529.3	5408010.0	985.50000	247.39	91.16	48.825054	-86.938292	56250.20	56392.6	-142.57	56107.63	56115.65234	56109.26162	56113.75781	504529.3	5408010.0
L4530.0	504529.3	5408010.0	985.59998	248.26	91.16	48.825054	-86.938292	56250.21	56392.6	-142.57	56107.64	56115.48828	56108.71207	56113.12109	504529.3	5408010.0
L4530.0	504529.3	5408011.8	985.70001	248.09	91.16	48.825070	-86.938292	56248.64	56392.6	-142.58	56106.06	56113.73047	56108.26487	56112.58203	504529.3	5408011.8
L4530.0	504529.3	5408013.3	985.79999	249.62	91.16	48.825084	-86.938292	56248.21	56392.6	-142.58	56105.63	56113.12109	56107.73740	56111.96484	504529.3	5408013.3
L4530.0	504529.3	5408014.5	985.90002	249.92	91.16	48.825094	-86.938292	56247.59	56392.6	-142.59	56105.01	56112.32031	56107.21902	56111.35547	504529.3	5408014.5
L4530.0	504529.3	5408016.1	986.00000	251.61	91.16	48.825109	-86.938292	56247.00	56392.6	-142.59	56104.41	56111.53906	56106.69577	56110.73828	504529.3	5408016.1
L4530.0	504529.3	5408016.1	986.09998	250.54	91.16	48.825109	-86.938292	56246.54	56392.6	-142.59	56103.95	56110.89063	56106.15970	56110.10547	504529.3	5408016.1
L4530.0	504529.3	5408017.4	986.20001	248.56	130	48.825120	-86.938292	56245.04	56392.6	-142.60	56102.44	56109.19141	56105.69020	56109.53516	504529.3	5408017.4
L4530.0	504529.3	5408018.5	986.29999	245.89	130	48.825131	-86.938292	56244.71	56392.6	-142.60	56102.11	56108.66797	56105.13864	56108.88672	504529.3	5408018.5
L4530.0	504529.3	5408019.7	986.40002	242.36	130	48.825142	-86.938292	56243.94	56392.6	-142.61	56101.33	56107.69531	56104.61375	56108.25781	504529.3	5408019.7
L4530.0	504529.3	5408019.7	986.50000	241.47	130	48.825142	-86.938292	56243.02	56392.6	-142.61	56100.41	56106.57813	56104.09491	56107.63672	504529.3	5408019.7
L4530.0	504529.3	5408021.2	986.59998	239.21	130	48.825155	-86.938292	56242.56	56392.6	-142.62	56099.94	56105.90625	56103.54286	56106.98047	504529.3	5408021.2
L4530.0	504529.3	5408022.9	986.70001	238.07	130	48.825170	-86.938292	56241.41	56392.6	-142.63	56098.79	56104.55469	56103.03299	56106.36328	504529.3	5408022.9
L4530.0	504529.2	5408024.4	986.79999	239.64	130	48.825184	-86.938292	56240.84	56392.6	-142.63	56098.21	56103.76953	56102.48203	56105.70703	504529.2	5408024.4
L4530.0	504529.2	5408025.8	986.90002	238.59	130	48.825196	-86.938292	56240.09	56392.6	-142.64	56097.45	56102.80078	56101.94005	56105.05469	504529.2	5408025.8
L4530.0	504529.2	5408025.8	987.00000	238.47	130	48.825196	-86.938292	56239.44	56392.6	-142.64	56096.80	56101.94141	56101.38779	56104.39063	504529.2	5408025.8
L4530.0	504529.2	5408027.7	987.09998	238.81	130	48.825214	-86.938292	56238.31	56392.6	-142.64	56095.67	56100.60156	56100.86467	56103.75391	504529.2	5408027.7
L4530.0	504529.2	5408028.7	987.20001	237.85	130	48.825222	-86.938292	56237.36	56392.6	-142.65	56094.71	56099.42578	56100.32743	56103.10547	504529.2	5408028.7
L4530.0	504529.2	5408030.0	987.29999	235.67	130	48.825234	-86.938292	56237.03	56392.7	-142.65	56094.38	56098.87891	56099.74549	56102.40625	504529.2	5408030.0
L4530.0	504529.2	5408030.0	987.40002	237.58	130	48.825234	-86.938292	56236.07	56392.7	-142.66	56093.42	56097.69922	56099.20294	56101.74609	504529.2	5408030.0
L4530.0	504529.2	5408031.5	987.50000	239.71	130	48.825247	-86.938292	56235.30	56392.7	-142.66	56092.64	56096.69922	56098.64587	56101.07031	504529.2	5408031.5
L4530.0	504529.2	5408032.5	987.59998	244.27	130	48.825256	-86.938292	56234.52	56392.7	-142.66	56091.86	56095.69531	56098.08637	56100.39063	504529.2	5408032.5
L4530.0	504529.2	5408033.7	987.70001	247.43	130	48.825267	-86.938292	56233.70	56392.7	-142.67	56091.03	56094.64063	56097.52788	56099.71094	504529.2	5408033.7
L4530.0	504529.2	5408035.2	987.79999	251.59	130	48.825281	-86.938292	56232.64	56392.7	-142.67	56089.97	56093.35156	56096.98250	56099.04297	504529.2	5408035.2
L4530.0	504529.2	5408036.0	987.90002	255.41	130	48.825288	-86.938292	56231.87	56392.7	-142.68	56089.19	56092.33984	56096.41635	56098.35547	504529.2	5408036.0
L4530.0	504529.2	5408037.4	988.00000	255.52	130	48.825300	-86.938292	56230.78	56392.7	-142.68	56088.10	56091.01953	56095.86886	56097.67969	504529.2	5408037.4
L4530.0	504529.2	5408037.4	988.09998	254.86	130	48.825300	-86.938292	56229.72	56392.7	-142.68	56087.04	56089.72656	56095.31750	56097.00391	504529.2	5408037.4
L4530.0	504529.2	5408040.5	988.20001	253.63	130	48.825328	-86.938292	56228.84	56392.7	-142.69	56086.15	56088.59766	56094.75304	56096.31250	504529.2	5408040.5
L4530.0	504529.2	5408040.5	988.29999	251.95	130	48.825328	-86.938292	56228.22	56392.7	-142.69	56085.53	56087.74219	56094.16895	56095.59766	504529.2	5408040.5
L4530.0	504529.2	5408041.8	988.40002	249.16	130	48.825340	-86.938292	56227.11	56392.7	-142.70	56084.41	56086.38281	56093.61669	56094.91406	504529.2	5408041.8
L4530.0	504529.2	5408042.9	988.50000	247.48	130	48.825350	-86.938293	56225.88	56392.7	-142.70	56083.17	56084.89844	56093.07106	56094.23828	504529.2	5408042.9
L4530.0	504529.2	5408044.3	988.59998	244.42	130	48.825363	-86.938293	56225.10	56392.7	-142.70	56082.39	56083.87500	56092.49354	56093.52734	504529.2	5408044.3
L4530.0	504529.2	5408044.3	988.70001	242.49	130	48.825363	-86.938293	56224.09	56392.7	-142.71	56081.39	56082.63281	56091.92961	56092.83203	504529.2	5408044.3
L4530.0	504529.2	5408046.1	988.79999	240.38	130	48.825378	-86.938293	56223.14	56392.7	-142.71	56080.43	56081.42578	56091.36207	56092.12891	504529.2	5408046.1
L4530.0	504529.2	5408047.1	988.90002	239.72	130	48.825388	-86.938293	56221.91	56392.7	-142.72	56079.19	56079.93750	56090.81243	56091.44141	504529.2	5408047.1
L4530.0	504529.2	5408048.4	989.00000	239.86	130	48.825399	-86.938293	56220.86	56392.7	-142.72	56078.14	56078.63672	56090.24950	56090.74219	504529.2	5408048.4
L4530.0	504529.2	5408048.4	989.09998	239.82	130	48.825399	-86.938293	56220.41	56392.7	-142.72	56077.69	56077.93750	56089.64611	56090.00000	504529.2	5408048.4

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4530.0	504529.2	5408050.5	989.20001	239.18	130	48.825418	-86.938293	56219.12	56392.7	-142.73	56076.39	56076.38281	56089.09910	56089.31641	504529.2	5408050.5
L4530.0	504529.2	5408051.7	989.29999	239.19	130	48.825429	-86.938293	56218.24	56392.7	-142.74	56075.50	56075.24219	56088.52464	56088.60156	504529.2	5408051.7
L4530.0	504529.2	5408053.4	989.40002	241.09	130	48.825444	-86.938293	56217.25	56392.7	-142.74	56074.51	56073.99609	56087.95691	56087.89453	504529.2	5408053.4
L4530.0	504529.1	5408054.8	989.50000	242.83	130	48.825457	-86.938293	56216.29	56392.7	-142.74	56073.55	56072.78125	56087.38743	56087.18359	504529.1	5408054.8
L4530.0	504529.1	5408054.8	989.59998	245.51	130	48.825457	-86.938293	56214.61	56392.8	-142.75	56071.86	56070.83203	56086.86705	56086.51953	504529.1	5408054.8
L4530.0	504529.1	5408056.0	989.70001	249.05	130	48.825468	-86.938293	56213.84	56392.8	-142.75	56071.09	56069.80469	56086.28597	56085.79688	504529.1	5408056.0
L4530.0	504529.1	5408057.3	989.79999	252.72	130	48.825480	-86.938294	56213.42	56392.8	-142.76	56070.66	56069.11719	56085.68304	56085.05078	504529.1	5408057.3
L4530.0	504529.1	5408059.0	989.90002	255.00	130	48.825495	-86.938294	56212.17	56392.8	-142.76	56069.40	56067.59766	56085.13648	56084.35938	504529.1	5408059.0
L4530.0	504529.1	5408059.0	990.00000	255.72	130	48.825495	-86.938294	56210.87	56392.8	-142.77	56068.10	56066.03516	56084.59383	56083.67188	504529.1	5408059.0
L4530.0	504529.1	5408060.7	990.09998	257.65	130	48.825510	-86.938294	56209.63	56392.8	-142.77	56066.85	56064.52734	56084.04930	56082.98047	504529.1	5408060.7
L4530.0	504529.0	5408062.2	990.20001	260.62	130	48.825524	-86.938295	56208.86	56392.8	-142.78	56066.09	56063.50391	56083.47378	56082.25781	504529.0	5408062.2
L4530.0	504529.0	5408063.5	990.29999	261.00	130	48.825535	-86.938295	56207.40	56392.8	-142.78	56064.62	56061.77344	56082.94749	56081.58594	504529.0	5408063.5
L4530.0	504529.0	5408064.9	990.40002	261.00	130	48.825548	-86.938295	56206.70	56392.8	-142.78	56063.92	56060.80859	56082.37199	56080.86328	504529.0	5408064.9
L4530.0	504529.0	5408064.9	990.50000	259.38	130	48.825548	-86.938295	56205.71	56392.8	-142.78	56062.93	56059.55859	56081.81819	56080.16016	504529.0	5408064.9
L4530.0	504529.0	5408066.4	990.59998	258.07	130	48.825561	-86.938296	56204.52	56392.8	-142.79	56061.73	56058.09375	56081.28099	56079.47266	504529.0	5408066.4
L4530.0	504528.9	5408067.7	990.70001	257.77	130	48.825573	-86.938296	56202.93	56392.8	-142.79	56060.14	56056.24219	56080.77264	56078.81641	504528.9	5408067.7
L4530.0	504528.9	5408069.2	990.79999	258.59	130	48.825586	-86.938296	56201.68	56392.8	-142.79	56058.88	56054.71875	56080.24538	56078.14063	504528.9	5408069.2
L4530.0	504528.9	5408069.2	990.90002	256.84	130	48.825586	-86.938296	56200.92	56392.8	-142.80	56058.13	56053.70313	56079.68748	56077.43359	504528.9	5408069.2
L4530.0	504528.9	5408070.8	991.00000	255.68	130	48.825601	-86.938296	56199.54	56392.8	-142.80	56056.74	56052.05078	56079.17585	56076.76953	504528.9	5408070.8
L4530.0	504528.9	5408072.4	991.09998	253.96	130	48.825615	-86.938297	56198.71	56392.8	-142.81	56055.91	56050.95703	56078.63076	56076.07422	504528.9	5408072.4
L4530.0	504528.8	5408073.5	991.20001	250.83	130	48.825625	-86.938297	56197.42	56392.8	-142.81	56054.61	56049.39453	56078.12116	56075.41406	504528.8	5408073.5
L4530.0	504528.8	5408074.9	991.29999	246.50	130	48.825638	-86.938297	56196.63	56392.8	-142.82	56053.81	56048.33203	56077.58263	56074.72656	504528.8	5408074.9
L4530.0	504528.8	5408076.3	991.40002	244.59	130	48.825650	-86.938297	56195.04	56392.8	-142.82	56052.22	56046.48047	56077.10146	56074.09375	504528.8	5408076.3
L4530.0	504528.8	5408077.5	991.50000	242.75	130	48.825661	-86.938298	56193.88	56392.8	-142.82	56051.05	56045.05078	56076.59726	56073.43750	504528.8	5408077.5
L4530.0	504528.8	5408077.5	991.59998	242.70	130	48.825661	-86.938298	56193.06	56392.8	-142.83	56050.23	56043.97266	56076.07499	56072.76563	504528.8	5408077.5
L4530.0	504528.8	5408079.0	991.70001	243.54	130	48.825675	-86.938298	56192.11	56392.8	-142.83	56049.27	56042.75000	56075.56760	56072.10547	504528.8	5408079.0
L4530.0	504528.8	5408080.5	991.79999	243.06	130	48.825688	-86.938298	56190.65	56392.8	-142.84	56047.81	56041.03125	56075.09937	56071.48438	504528.8	5408080.5
L4530.0	504528.8	5408082.2	991.90002	244.90	130	48.825703	-86.938298	56189.82	56392.8	-142.85	56046.97	56039.93359	56074.59594	56070.83203	504528.8	5408082.2
L4530.0	504528.8	5408083.6	992.00000	246.71	130	48.825716	-86.938298	56188.54	56392.8	-142.85	56045.69	56038.39844	56074.12827	56070.21094	504528.8	5408083.6
L4530.0	504528.7	5408085.0	992.09998	247.27	130	48.825728	-86.938298	56187.25	56392.9	-142.86	56044.39	56036.84375	56073.66866	56069.60156	504528.7	5408085.0
L4530.0	504528.7	5408085.0	992.20001	247.12	130	48.825728	-86.938298	56186.20	56392.9	-142.87	56043.33	56035.52734	56073.20008	56068.98438	504528.7	5408085.0
L4530.0	504528.7	5408086.6	992.29999	244.92	130	48.825743	-86.938298	56185.50	56392.9	-142.88	56042.62	56034.56641	56072.71549	56068.34766	504528.7	5408086.6
L4530.0	504528.7	5408088.3	992.40002	244.27	130	48.825758	-86.938298	56183.89	56392.9	-142.89	56041.00	56032.69531	56072.29921	56067.78125	504528.7	5408088.3
L4530.0	504528.8	5408089.7	992.50000	243.23	130	48.825771	-86.938298	56182.64	56392.9	-142.90	56039.74	56031.18359	56071.86687	56067.19922	504528.8	5408089.7
L4530.0	504528.8	5408089.7	992.59998	243.97	130	48.825771	-86.938298	56181.64	56392.9	-142.91	56038.73	56029.92578	56071.42611	56066.60938	504528.8	5408089.7
L4530.0	504528.8	5408091.4	992.70001	244.33	130	48.825787	-86.938298	56180.47	56392.9	-142.92	56037.55	56028.50000	56071.00524	56066.03906	504528.8	5408091.4
L4530.0	504528.8	5408092.6	992.79999	246.54	130	48.825797	-86.938298	56179.73	56392.9	-142.93	56036.80	56027.50391	56070.56457	56065.44922	504528.8	5408092.6
L4530.0	504528.8	5408092.6	992.90002	247.77	130	48.825797	-86.938298	56178.67	56392.9	-142.94	56035.73	56026.19141	56070.15440	56064.89063	504528.8	5408092.6
L4530.0	504528.8	5408094.2	993.00000	249.51	130	48.825811	-86.938298	56177.38	56392.9	-142.95	56034.43	56024.65234	56069.76904	56064.35547	504528.8	5408094.2
L4530.0	504528.8	5408095.5	993.09998	249.23	130	48.825823	-86.938297	56176.49	56393	-142.96	56033.53	56023.51563	56069.36680	56063.80859	504528.8	5408095.5
L4530.0	504528.8	5408096.9	993.20001	250.11	130	48.825835	-86.938297	56175.97	56393	-142.97	56033.00	56022.74609	56068.94998	56063.24219	504528.8	5408096.9
L4530.0	504528.8	5408098.1	993.29999	249.03	130	48.825846	-86.938297	56174.45	56393	-142.98	56031.47	56020.98438	56068.61022	56062.75781	504528.8	5408098.1
L4530.0	504528.8	5408099.4	993.40002	247.03	130	48.825859	-86.938297	56173.61	56393	-142.99	56030.63	56019.91016	56068.23514	56062.23828	504528.8	5408099.4
L4530.0	504528.8	5408099.4	993.50000	244.47	130	48.825859	-86.938297	56172.58	56393	-143.00	56029.58	56018.63281	56067.88505	56061.74219	504528.8	5408099.4
L4530.0	504528.8	5408101.1	993.59998	242.84	130	48.825873	-86.938297	56171.62	56393	-143.00	56028.62	56017.44531	56067.54024	56061.25391	504528.8	5408101.1
L4530.0	504528.9	5408102.4	993.70001	242.59	130	48.825885	-86.938297	56170.70	56393	-143.01	56027.69	56016.29297	56067.20501	56060.77734	504528.9	5408102.4
L4530.0	504528.9	5408103.8	993.79999	243.16	130	48.825898	-86.938296	56169.71	56393	-143.02	56026.69	56015.07031	56066.88629	56060.31641	504528.9	5408103.8
L4530.0	504528.9	5408104.9	993.90002	241.74	130	48.825907	-86.938296	56168.96	56393	-143.03	56025.93	56014.09375	56066.56371	56059.85156	504528.9	5408104.9
L4530.0	504528.9	5408104.9	994.00000	237.55	130	48.825907	-86.938296	56167.14	56393	-143.04	56024.10	56012.04688	56066.32488	56059.47266	504528.9	5408104.9
L4530.0	504528.9	5408106.5	994.09998	234.41	130	48.825922	-86.938296	56167.36	56393	-143.04	56024.32	56012.05859	56065.96207	56058.96875	504528.9	5408106.5
L4530.0	504528.9	5408107.9	994.20001	232.66	130	48.825935	-86.938296	56166.64	56393	-143.04	56023.60	56011.12891	56065.67488	56058.54688	504528.9	5408107.9
L4530.0	504528.9	5408109.7	994.29999	234.59	130	48.825951	-86.938296	56165.62	56393	-143.04	56022.58	56009.90234	56065.42090	56058.15234	504528.9	5408109.7
L4530.0	504528.9	5408109.7	994.40002	236.81	130	48.825951	-86.938296	56165.01	56393	-143.04	56021.98	56009.09766	56065.15239	56057.75000	504528.9	5408109.7
L4530.0	504528.9	5408111.1	994.50000	239.46	130	48.825963	-86.938296	56164.26	56393	-143.04	56021.22	56008.14063	56064.90825	56057.37109	504528.9	5408111.1
L4530.0	504528.9	5408112.4	994.59998	242.01	130	48.825975	-86.938295	56163.55	56393	-143.03	56020.51	56007.23438	56064.67473	56057.00391	504528.9	5408112.4
L4530.0	504528.9	5408113.9	994.70001	244.92	130	48.825989	-86.938295	56162.86	56393	-143.03	56019.83	56006.36328	56064.45339	56056.64844	504528.9	5408113.9
L4530.0	504528.9	5408115.0	994.79999	245.85	130	48.825998	-86.938295	56162.10	56393	-143.03	56019.07	56005.41406	56064.25179	56056.31641	504528.9	5408115.0
L4530.0	504529.0	5408116.4	994.90002	246.37	130	48.826011	-86.938295	56161.36	56393	-143.03	56018.33	56004.48828	56064.06348	56056.00000	504529.0	5408116.4
L4530.0	504529.0	5408117.8	995.00000	249.22	130	48.826024	-86.938295	56161.18	56393	-143.03	56018.15	56004.12891	56063.85266	56055.66016	504529.0	5408117.8
L4530.0	504529.0	5408117.8	995.09998	251.08	130	48.826024	-86.938295	56160.97	56393	-143.04	56017.93	56003.73047	56063.65953	56055.33984	504529.0	5408117.8
L4530.0	504529.0	5408119.7	995.20001	251.50	130	48.826041	-86.938295	56160.03	56393	-143.05	56016.99	56002.61719	56063.52961	56055.08594	504529.0	5408119.7
L4530.0	504529.0	5408121.1	995.29999	253.47	130	48.826054	-86.938295	56159.52	56393.1	-143.05	56016.47	56001.92578	56063.38708	56054.82031	504529.0	5408121.1
L4530.0	504529.0	5408121.1	995.40002	254.74	130	48.826054	-86.938295	56159.34	56393.1	-143.06	56016.28	56001.57031	56063.23811	56054.54688	504529.0	5408121.1
L4530.0	504529.0	5408122.7	995.50000	255.82	130	48.826068	-86.938294	56159.00	56393.1	-143.07	56015.93	56001.05859	56063.11552	56054.30469	504529.0	5408122.7
L4530.0	504529.0	5408123.9	995.59998	257.71	130	48.826078	-86.938294	56158.18	56393.1	-143.08	56015.10	56000.07031	56063.04080	56054.10938	504529.0	5408123.9
L4530.0	504529.0	5408124.9	995.70001	257.10	130	48.826088	-86.938294	56157.73	56393.1	-143.09	56014.64	55999.45703	56062.95740	56053.91016	504529.0	5408124.9
L4530.0	504529.0	5408124.9	995.79999	256.14	130	48.826088	-86.938294	56157.50	56393.1	-143.09	56014.41	55999.07813	56062.87480	56053.71094	504529.0	5408124.9
L4530.0	504529.0	5408126.6	995.90002	255.97	130	48.826103	-86.938294	56157.25	56393.1	-143.10	56014.14	55998.66406	56062.81110	56053.53125	504529.0	5408126.6
L4530.0	504529.0	5408128.5	996.00000	255.64	130	48.826120	-86.938294	56157.63	56393.1	-143.11	56014.52	55998.90234	56062.72041	56053.32813	504529.0	5408128.5
L4530.0	504529.0	5408129.6	996.09998	255.81	130	48.826130	-86.938294	56157.66	56393.1	-143.11	56014.54	55998.78516	56062.67014	56053.16797	504529.0	5408129.6
L4530.0	504529.0	5408131.1	996.20001	255.18	130	48.826144	-86.938294	56157.22	56393.1	-143.12	56014.10	55998.21484	56062.66705	56053.05469	504529.0	5408131.1
L4530.0	504529.0	5408132.4	996.29999	255.83	130	48.826155	-86.938294	56157.02	56393.1	-143.12	56013.90	55997.88672	56062.66453	56052.94531	504529.0	5408132.4
L4530.0	504529.0	5408133.6	996.40002	256.71	130	48.826166	-86.938294	56157.38	56393.1	-143.13	56014.25	55998.11328	56062.64196	56052.82031	504529.0	5408133.6
L4530.0	504529.0	5408135.0	996.50000	257.76	130	48.826179	-86.938294	56156.96	56393.1	-143.13	56013.83	55997.57422	56062.68739	56052.76172	504529.0	5408135.0
L4530.0	504529.0	5408136.2	996.59998	257.78	130	48.826189	-86.938294	56156.87	56393.1	-143.13	56013.73	55997.36328	56062.72818	56052.69922	504529.0	5408136.2
L4530.0	504529.0	5408136.2	996.70001	257.64	130	48.826189	-86.938294	56157.02	56393.1	-143.14	56013.88	55997.40234	56062.76900	56052.64063	504529.0	5408136.2
L4530.0	504529.0	5408138.9	996.79999	258.52	130	48.826214	-86.938294	56157.02	56393.1	-143.14	56013.88	55997.29688	56062.83652	56052.61328	504529.0	5408138.9
L4530.0	504529.0	5408138.9	996.90002	260.36	130	48.826214	-86.938294	56157.81	56393.1	-143.15	56014.66	55997.97656	56062.86873	56052.55078	504529.0	5408138.9
L4530.0	504529.0	5408141.0	997.00000	259.64	130	48.826233	-86.938294	56157.35	56393.2	-143.15	56014.20	55997.42188	56063.00027	56052.58594	504529.0	5408141.0
L4530.0	504529.0	5408141.0	997.09998	257.70	130	48.826233	-86.938294	56158.07	56393.2	-143.16	56014.92	55998.05078	56063.06978	56052.56641	504529.0	5408141.0
L4530.0	504529.0	5408142.5	997.20001	256.80	130	48.826246	-86.938294	56158.29	56393.2	-143.16	56015.12	55998.16406	56063.19052	56052.59766	504529.0	5408142.5
L4530.0	504529.0	5408143.9	997.29999	254.03	130	48.826259	-86.938294	56158.59	56393.2	-143.17	56015.42	55998.38281	56063.32110	56052.64063	504529.0	5408143.9
L4530.0	504529.0	5408145.5	997.40002	250.52	130	48.826273	-86.938294	56159.06	56393.2	-143.18	56015.89	55998.77734	56063.45678	56052.69141	504529.0	5408145.5
L4530.0	504529.0	5408145.5	997.50000	246.71	130	48.826273	-86.938294	56159.34	56393.2	-143.19	56016.16	55998.97656	56063.62213	56052.77344	504529.0	5408145.5
L4530.0	504529.0	5408147.0	997.59998	242.12	130	48.826287	-86.938294	56159.83	56393.2	-143.19	56016.64	55999.38672	56063.78971	56052.85938	504529.0	5408147.0
L4530.0	504529.0	5408148.7	997.70001	240.40	130	48.826302	-86.938294	56160.52	56393.2	-143.20	56017.32	56000.00781	56063.96007	56052.95313	504529.0	5408148.7
L4530.0	504529.0	5408150.6	997.79999	238.64	130	48.826319	-86.938294	56161.30	56393.2	-143.21	56018.10	56000.72656	56064.13976	56053.05469	504529.0	5408150.6
L4530.0	504529.0	5408152.1	997.90002	239.78	130	48.826332	-86.938294	56161.97	56393.2	-143.21	56018.76	56001.33594	56064.34330	56053.18359	504529.0	5408152.1
L4530.0	504529.0	5408152.1	998.00000	239.40	130	48.826332	-86.938294	56162.41	56393.2	-143.22	56019.19	56001.71875	56064.57786	56053.34766	504529.0	5408152.1
L4530.0	504529.0	5408153.3	998.09998	240.29	130	48.826343	-86.938294	56163.07	56393.2	-143.23	56019.84	56002.32422	56064.81329	56053.51172	504529.0	5408153.3
L4530.0	504529.0	5408155.2	998.20001	241.47	130	48.826360	-86.938294	56164.01	56393.2	-143.24	56020.77	56003.21484	56065.04542	56053.67578	504529.0	5408155.2
L4530.0	504529.0	5408156.6	998.29999	243.92	130	48.826373	-86.938294	56164.35	56393.2	-143.25	56021.10	56003.51172	56065.33271	56053.89844	504529.0	5408156.6
L4530.0	504529.0	5408156.6	998.40002	245.92	130	48.826373	-86.938294	56165.16	56393.3	-143.26	56021.91	56004.29297	56065.60298	56054.10547	504529.0	5408156.6

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4530.0	504529.0	5408158.1	998.50000	248.56	130	48.826386	-86.938294	56166.16	56393.3	-143.26	56022.89	56005.24609	56065.87668	56054.31641	504529.0	5408158.1
L4530.0	504529.0	5408159.8	998.59998	249.24	130	48.826401	-86.938294	56167.55	56393.3	-143.27	56024.28	56006.61719	56066.13760	56054.51953	504529.0	5408159.8
L4530.0	504529.0	5408159.8	998.70001	249.70	130	48.826401	-86.938294	56168.02	56393.3	-143.28	56024.74	56007.06250	56066.47485	56054.80078	504529.0	5408159.8
L4530.0	504529.0	5408161.0	998.79999	249.67	130	48.826412	-86.938294	56169.14	56393.3	-143.29	56025.85	56008.16016	56066.78287	56055.05469	504529.0	5408161.0
L4530.0	504529.0	5408162.6	998.90002	252.87	130	48.826427	-86.938294	56170.12	56393.3	-143.30	56026.82	56009.12500	56067.11407	56055.33203	504529.0	5408162.6
L4530.0	504529.0	5408164.1	999.00000	252.18	130	48.826440	-86.938294	56170.83	56393.3	-143.31	56027.52	56009.82422	56067.47687	56055.64453	504529.0	5408164.1
L4530.0	504529.0	5408164.1	999.09998	252.17	130	48.826440	-86.938294	56171.36	56393.3	-143.32	56028.05	56010.35547	56067.86436	56055.98438	504529.0	5408164.1
L4530.0	504529.0	5408165.7	999.20001	251.83	130	48.826455	-86.938294	56172.86	56393.3	-143.32	56029.54	56011.85547	56068.20092	56056.27734	504529.0	5408165.7
L4530.0	504529.0	5408167.3	999.29999	251.68	130	48.826469	-86.938294	56173.71	56393.3	-143.33	56030.39	56012.71484	56068.59296	56056.62500	504529.0	5408167.3
L4530.0	504529.0	5408168.9	999.40002	251.25	130	48.826483	-86.938294	56175.11	56393.3	-143.33	56031.77	56014.11328	56068.96221	56056.95313	504529.0	5408168.9
L4530.0	504529.0	5408170.3	999.50000	250.36	130	48.826496	-86.938294	56176.06	56393.3	-143.34	56032.72	56015.08203	56069.37238	56057.32422	504529.0	5408170.3
L4530.0	504529.0	5408170.3	999.59998	248.04	130	48.826496	-86.938294	56177.48	56393.3	-143.35	56034.13	56016.51953	56069.76384	56057.67969	504529.0	5408170.3
L4530.0	504529.0	5408171.9	999.70001	246.37	130	48.826511	-86.938294	56178.40	56393.4	-143.35	56035.05	56017.46875	56070.19965	56058.08203	504529.0	5408171.9
L4530.0	504529.0	5408173.2	999.79999	243.70	130	48.826523	-86.938294	56179.76	56393.4	-143.36	56036.40	56018.85156	56070.61817	56058.46875	504529.0	5408173.2
L4530.0	504529.0	5408174.8	999.90002	243.75	130	48.826537	-86.938294	56180.88	56393.4	-143.36	56037.51	56020.00000	56071.06378	56058.88281	504529.0	5408174.8
L4530.0	504529.0	5408174.8	1000.00000	242.02	130	48.826537	-86.938294	56182.29	56393.4	-143.37	56038.92	56021.44922	56071.50017	56059.29297	504529.0	5408174.8
L4530.0	504529.0	5408176.6	1000.09998	242.31	130	48.826553	-86.938294	56183.79	56393.4	-143.38	56040.41	56022.98828	56071.94170	56059.70703	504529.0	5408176.6
L4530.0	504529.0	5408177.9	1000.20001	242.90	130	48.826565	-86.938293	56184.51	56393.4	-143.38	56041.13	56023.75781	56072.44474	56060.18750	504529.0	5408177.9
L4530.0	504529.0	5408179.1	1000.29999	243.47	130	48.826575	-86.938293	56186.24	56393.4	-143.39	56042.85	56025.53125	56072.89098	56060.61328	504529.0	5408179.1
L4530.0	504529.0	5408180.8	1000.40002	245.93	130	48.826591	-86.938293	56187.19	56393.4	-143.40	56043.79	56026.52734	56073.39878	56061.10156	504529.0	5408180.8
L4530.0	504529.0	5408180.8	1000.50000	248.64	130	48.826591	-86.938293	56188.13	56393.4	-143.40	56044.73	56027.53125	56073.91583	56061.60156	504529.0	5408180.8
L4530.0	504529.0	5408182.1	1000.59998	250.58	130	48.826602	-86.938293	56189.91	56393.4	-143.41	56046.49	56029.35547	56074.38716	56062.05469	504529.0	5408182.1
L4530.0	504529.1	5408183.3	1000.70001	253.30	130	48.826613	-86.938293	56191.02	56393.4	-143.42	56047.60	56030.53516	56074.91045	56062.56641	504529.1	5408183.3
L4530.0	504529.1	5408184.7	1000.79999	255.75	130	48.826625	-86.938293	56192.26	56393.4	-143.43	56048.83	56031.83594	56075.43407	56063.07813	504529.1	5408184.7
L4530.0	504529.1	5408186.4	1000.90002	257.47	130	48.826640	-86.938293	56193.82	56393.4	-143.43	56050.39	56033.47266	56075.94371	56063.57813	504529.1	5408186.4
L4530.0	504529.1	5408188.0	1001.00000	257.57	130	48.826655	-86.938293	56194.96	56393.4	-143.44	56051.52	56034.68359	56076.48972	56064.11719	504529.1	5408188.0
L4530.0	504529.1	5408188.0	1001.09998	254.41	130	48.826655	-86.938293	56195.82	56393.5	-143.45	56052.37	56035.61719	56077.06182	56064.68750	504529.1	5408188.0
L4530.0	504529.1	5408189.3	1001.20001	252.44	130	48.826667	-86.938293	56197.24	56393.5	-143.46	56053.78	56037.11328	56077.60369	56065.22266	504529.1	5408189.3
L4530.0	504529.1	5408190.7	1001.29999	249.29	130	48.826679	-86.938293	56198.71	56393.5	-143.47	56055.24	56038.66406	56078.14904	56065.76953	504529.1	5408190.7
L4530.0	504529.1	5408191.5	1001.40002	246.88	130	48.826687	-86.938293	56200.15	56393.5	-143.48	56056.67	56040.18750	56078.70290	56066.32422	504529.1	5408191.5
L4530.0	504529.1	5408193.3	1001.50000	243.13	130	48.826703	-86.938293	56201.58	56393.5	-143.49	56058.09	56041.70313	56079.26364	56066.88672	504529.1	5408193.3
L4530.0	504529.0	5408194.6	1001.59998	242.22	130	48.826715	-86.938293	56202.70	56393.5	-143.50	56059.20	56042.91406	56079.85097	56067.47656	504529.0	5408194.6
L4530.0	504529.0	5408194.6	1001.70001	242.21	130	48.826715	-86.938293	56204.38	56393.5	-143.51	56060.87	56044.68359	56080.40661	56068.03906	504529.0	5408194.6
L4530.0	504529.0	5408196.2	1001.79999	244.69	130	48.826729	-86.938293	56205.84	56393.5	-143.52	56062.32	56046.24219	56080.98226	56068.62500	504529.0	5408196.2
L4530.0	504529.0	5408197.6	1001.90002	246.22	130	48.826741	-86.938293	56206.88	56393.5	-143.53	56063.35	56047.37891	56081.59099	56069.24219	504529.0	5408197.6
L4530.0	504529.0	5408199.1	1002.00000	248.32	130	48.826755	-86.938293	56208.21	56393.5	-143.54	56064.67	56048.80859	56082.18517	56069.84766	504529.0	5408199.1
L4530.0	504529.0	5408199.1	1002.09998	250.01	130	48.826755	-86.938293	56208.72	56393.5	-143.54	56065.18	56049.43359	56082.83786	56070.51563	504529.0	5408199.1
L4530.0	504529.0	5408201.9	1002.20001	252.25	130	48.826781	-86.938294	56210.59	56393.5	-143.54	56067.05	56051.41797	56083.40413	56071.09766	504529.0	5408201.9
L4530.0	504529.0	5408201.9	1002.29999	252.59	130	48.826781	-86.938294	56211.58	56393.5	-143.54	56068.04	56052.52734	56084.03305	56071.74219	504529.0	5408201.9
L4530.0	504529.0	5408203.5	1002.40002	254.61	130	48.826794	-86.938294	56213.70	56393.5	-143.54	56070.16	56054.76953	56084.59034	56072.31641	504529.0	5408203.5
L4530.0	504529.0	5408204.8	1002.50000	255.53	130	48.826806	-86.938294	56214.85	56393.5	-143.55	56071.30	56056.03125	56085.21643	56072.96484	504529.0	5408204.8
L4530.0	504529.0	5408206.3	1002.59998	255.17	130	48.826820	-86.938294	56215.80	56393.5	-143.55	56072.25	56057.10938	56085.85839	56073.62500	504529.0	5408206.3
L4530.0	504529.0	5408207.9	1002.70001	256.02	130	48.826834	-86.938294	56217.48	56393.5	-143.55	56073.93	56058.91797	56086.45464	56074.24609	504529.0	5408207.9
L4530.0	504529.0	5408207.9	1002.79999	254.51	130	48.826834	-86.938294	56218.67	56393.5	-143.55	56075.12	56060.23828	56087.08627	56074.90234	504529.0	5408207.9
L4530.0	504528.9	5408209.6	1002.90002	252.80	130	48.826849	-86.938294	56220.36	56393.5	-143.55	56076.81	56062.05859	56087.68703	56075.52734	504528.9	5408209.6
L4530.0	504528.9	5408211.0	1003.00000	251.68	130	48.826863	-86.938294	56221.14	56393.6	-143.55	56077.59	56062.97266	56088.35071	56076.21875	504528.9	5408211.0
L4530.0	504528.9	5408211.0	1003.09998	248.91	130	48.826863	-86.938294	56222.77	56393.6	-143.55	56079.22	56064.73828	56088.95973	56076.85547	504528.9	5408211.0
L4530.0	504528.9	5408212.8	1003.20001	246.11	130	48.826879	-86.938294	56224.07	56393.6	-143.56	56080.51	56066.16406	56089.59321	56077.51953	504528.9	5408212.8
L4530.0	504528.9	5408214.2	1003.29999	241.08	130	48.826891	-86.938294	56225.57	56393.6	-143.56	56082.00	56067.79688	56090.21492	56078.17578	504528.9	5408214.2
L4530.0	504528.9	5408215.9	1003.40002	235.32	130	48.826906	-86.938295	56226.51	56393.6	-143.57	56082.94	56068.87500	56090.87467	56078.86719	504528.9	5408215.9
L4530.0	504528.9	5408215.9	1003.50000	232.08	130	48.826906	-86.938295	56227.46	56393.6	-143.57	56083.89	56069.96875	56091.53490	56079.56250	504528.9	5408215.9
L4530.0	504528.9	5408217.7	1003.59998	231.20	130	48.826922	-86.938295	56229.12	56393.6	-143.57	56085.54	56071.76172	56092.14943	56080.21094	504528.9	5408217.7
L4530.0	504528.9	5408219.3	1003.70001	229.44	130	48.826937	-86.938295	56230.08	56393.6	-143.58	56086.50	56072.86719	56092.81072	56080.91016	504528.9	5408219.3
L4530.0	504528.9	5408220.3	1003.79999	227.62	130	48.826946	-86.938295	56231.79	56393.6	-143.58	56088.21	56074.72266	56093.42258	56081.55859	504528.9	5408220.3
L4530.0	504528.9	5408221.7	1003.90002	225.78	130	48.826959	-86.938295	56232.70	56393.6	-143.59	56089.11	56075.76953	56094.08884	56082.26172	504528.9	5408221.7
L4530.0	504528.9	5408222.8	1004.00000	226.12	130	48.826969	-86.938295	56234.09	56393.6	-143.59	56090.50	56077.30859	56094.72265	56082.93750	504528.9	5408222.8
L4530.0	504528.9	5408224.1	1004.09998	227.72	130	48.826980	-86.938295	56235.06	56393.6	-143.59	56091.46	56078.41797	56095.38517	56083.64063	504528.9	5408224.1
L4530.0	504528.9	5408225.6	1004.20001	232.53	130	48.826993	-86.938295	56236.19	56393.6	-143.60	56092.59	56079.69922	56096.03624	56084.33203	504528.9	5408225.6
L4530.0	504528.9	5408225.6	1004.29999	235.98	130	48.826993	-86.938295	56237.46	56393.6	-143.60	56093.85	56081.10938	56096.67837	56085.01953	504528.9	5408225.6
L4530.0	504528.9	5408227.0	1004.40002	239.15	130	48.827006	-86.938295	56238.53	56393.6	-143.61	56094.92	56082.33203	56097.33274	56085.71484	504528.9	5408227.0
L4530.0	504528.8	5408228.7	1004.50000	240.59	130	48.827021	-86.938295	56239.91	56393.6	-143.61	56096.30	56083.86719	56097.96586	56086.39453	504528.8	5408228.7
L4530.0	504528.8	5408228.7	1004.59998	242.75	130	48.827021	-86.938295	56240.77	56393.6	-143.62	56097.15	56084.87109	56098.63361	56087.10938	504528.8	5408228.7
L4530.0	504528.8	5408230.1	1004.70001	244.77	130	48.827034	-86.938295	56242.14	56393.6	-143.63	56098.51	56086.38281	56099.26650	56087.78906	504528.8	5408230.1
L4530.0	504528.8	5408231.7	1004.79999	246.56	130	48.827048	-86.938296	56243.28	56393.6	-143.63	56099.65	56087.67969	56099.91308	56088.48047	504528.8	5408231.7
L4530.0	504528.8	5408232.8	1004.90002	248.33	130	48.827059	-86.938296	56244.76	56393.6	-143.64	56101.13	56089.31250	56100.53589	56089.15234	504528.8	5408232.8
L4530.0	504528.8	5408233.9	1005.00000	249.68	130	48.827069	-86.938296	56245.35	56393.6	-143.64	56101.71	56090.04688	56101.21747	56089.88281	504528.8	5408233.9
L4530.0	504528.8	5408235.8	1005.09998	249.85	130	48.827085	-86.938296	56246.80	56393.6	-143.64	56103.15	56091.64453	56101.84039	56090.55469	504528.8	5408235.8
L4530.0	504528.8	5408237.2	1005.20001	248.35	130	48.827098	-86.938296	56247.52	56393.6	-143.65	56103.87	56092.51953	56102.50986	56091.27734	504528.8	5408237.2
L4530.0	504528.8	5408237.2	1005.29999	244.90	130	48.827098	-86.938296	56248.69	56393.6	-143.65	56105.04	56093.84375	56103.14779	56091.96484	504528.8	5408237.2
L4530.0	504528.8	5408238.6	1005.40002	243.22	130	48.827111	-86.938296	56250.19	56393.7	-143.65	56106.54	56095.50000	56103.76208	56092.63281	504528.8	5408238.6
L4530.0	504528.8	5408240.0	1005.50000	240.50	130	48.827123	-86.938296	56251.27	56393.7	-143.65	56107.61	56096.72656	56104.40331	56093.32422	504528.8	5408240.0
L4530.0	504528.8	5408240.7	1005.59998	242.48	130	48.827130	-86.938296	56251.52	56393.7	-143.66	56107.87	56097.14063	56105.09671	56094.07422	504528.8	5408240.7
L4530.0	504528.8	5408241.9	1005.70001	244.40	130	48.827141	-86.938296	56253.41	56393.7	-143.66	56109.75	56099.17578	56105.68022	56094.71094	504528.8	5408241.9
L4530.0	504528.8	5408243.4	1005.79999	245.29	130	48.827153	-86.938296	56254.54	56393.7	-143.66	56110.87	56100.45313	56106.31241	56095.39453	504528.8	5408243.4
L4530.0	504528.8	5408244.7	1005.90002	246.70	130	48.827166	-86.938296	56255.32	56393.7	-143.67	56111.65	56101.38672	56106.96522	56096.10547	504528.8	5408244.7
L4530.0	504528.8	5408246.0	1006.00000	249.01	130	48.827177	-86.938296	56256.63	56393.7	-143.67	56112.96	56102.85156	56107.58058	56096.77344	504528.8	5408246.0
L4530.0	504528.8	5408247.1	1006.09998	250.70	130	48.827187	-86.938296	56257.32	56393.7	-143.68	56113.64	56103.68359	56108.23576	56097.48438	504528.8	5408247.1
L4530.0	504528.7	5408248.5	1006.20001	250.30	130	48.827199	-86.938296	56258.06	56393.7	-143.68	56114.37	56104.56641	56108.88537	56098.19141	504528.7	5408248.5
L4530.0	504528.7	5408249.7	1006.29999	251.54	130	48.827210	-86.938297	56259.21	56393.7	-143.69	56115.52	56105.87109	56109.50468	56098.86719	504528.7	5408249.7
L4530.0	504528.7	5408249.7	1006.40002	250.42	130	48.827210	-86.938297	56259.94	56393.7	-143.69	56116.25	56106.75391	56110.14965	56099.57031	504528.7	5408249.7
L4530.0	504528.7	5408251.5	1006.50000	251.09	130	48.827227	-86.938297	56260.53	56393.7	-143.70	56116.83	56107.48438	56110.80222	56100.27734	504528.7	5408251.5
L4530.0	504528.7	5408252.5	1006.59998	253.16	130	48.827235	-86.938297	56261.94	56393.7	-143.71	56118.23	56109.03516	56111.39769	56100.93359	504528.7	5408252.5
L4530.0	504528.7	5408254.2	1006.70001	255.34	130	48.827250	-86.938297	56262.69	56393.7	-143.71	56118.98	56109.93750	56112.03401	56101.62500	504528.7	5408254.2
L4530.0	504528.7	5408255.5	1006.79999	255.33	130	48.827262	-86.938297	56263.14	56393.7	-143.72	56119.43	56110.53516	56112.68782	56102.33984	504528.7	5408255.5
L4530.0	504528.7	5408255.5	1006.90002	254.11	130	48.827262	-86.938297	56264.46	56393.7	-143.72	56120.73	56111.98438	56113.28240	56102.99219	504528.7	5408255.5
L4530.0	504528.7	5408256.9	1007.00000	252.24	130	48.827275	-86.938297	56266.25	56393.7	-143.73	56122.52	56113.92188	56113.84174	56103.60938	504528.7	5408256.9
L4530.0	504528.7	5408258.6	1007.09998	249.95	130	48.827290	-86.938297	56266.96	56393.7	-143.73	56123.23	56114.77734	56114.47046	56104.29688	504528.7	5408258.6
L4530.0	504528.7	5408259.9	1007.20001	247.39	130	48.827302	-86.938297	56266.81	56393.7	-143.73	56123.07	56114.76172	56115.15453	56105.04297	504528.7	5408259.9
L4530.0	504528.7	5408261.4	1007.29999	245.67	130	48.827315	-86.938297	56268.32	56393.7	-143.73	56124.59	56116.42578	56115.72394	56105.67188	504528.7	5408261.4
L4530.0	504528.7	5408261.4	1007.40002	246.80	130	48.827315	-86.938297	56269.64	56393.7	-143.73	56125.91	56117.89063	56116.30399	56106.30859	504528.7	5408261.4
L4530.0	504528.7	5408263.4	1007.50000	250.00	130	48.827334	-86.938296	56270.66	56393.7	-143.73	56126.93	56119.05078	56116.90133	56106.96875	504528.7	5408263.4
L4530.0	504528.8	5408264.9	1007.59998	251.24	130	48.827347	-86.938296	56271.22	56393.7	-143.73	56127.49	56119.75391	56117.52661	56107.65234	504528.8	5408264.9
L4530.0	504528.8	5408266.1	1007.70001	250.75	130	48.827357	-86.938296	56272.45	56393.7	-143.73	56128.71	56121.11328	56118.10513	56108.29297	504528.8	5408266.1

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4530.0	504528.8	5408267.4	1007.79999	249.66	130	48.827369	-86.938296	56272.37	56393.7	-143.73	56128.64	56121.18359	56118.76690	56109.01563	504528.8	5408267.4
L4530.0	504528.8	5408267.4	1007.90002	248.77	130	48.827369	-86.938296	56273.90	56393.7	-143.73	56130.17	56122.84766	56119.31922	56109.62500	504528.8	5408267.4
L4530.0	504528.8	5408268.8	1008.00000	245.98	130	48.827382	-86.938296	56274.92	56393.7	-143.73	56131.19	56124.00391	56119.90275	56110.26953	504528.8	5408268.8
L4530.0	504528.8	5408270.5	1008.09998	245.38	130	48.827397	-86.938295	56275.57	56393.7	-143.74	56131.82	56124.76953	56120.50948	56110.93750	504528.8	5408270.5
L4530.0	504528.8	5408272.1	1008.20001	244.26	130	48.827412	-86.938295	56276.38	56393.8	-143.75	56132.63	56125.71094	56121.10140	56111.58984	504528.8	5408272.1
L4530.0	504528.8	5408273.3	1008.29999	244.63	130	48.827423	-86.938295	56276.68	56393.8	-143.76	56132.92	56126.13281	56121.72518	56112.27734	504528.8	5408273.3
L4530.0	504528.8	5408273.3	1008.40002	245.79	130	48.827423	-86.938295	56277.75	56393.8	-143.77	56133.98	56127.32422	56122.29480	56112.90625	504528.8	5408273.3
L4530.0	504528.8	5408274.5	1008.50000	245.45	130	48.827433	-86.938295	56279.01	56393.8	-143.78	56135.23	56128.69922	56122.84892	56113.51953	504528.8	5408274.5
L4530.0	504528.8	5408275.7	1008.59998	246.73	130	48.827444	-86.938295	56279.65	56393.8	-143.80	56135.85	56129.44922	56123.44221	56114.17578	504528.8	5408275.7
L4530.0	504528.8	5408275.7	1008.70001	244.99	130	48.827444	-86.938295	56280.99	56393.8	-143.81	56137.18	56130.90234	56123.98534	56114.77734	504528.8	5408275.7
L4530.0	504528.9	5408278.9	1008.79999	246.86	130	48.827473	-86.938295	56280.98	56393.8	-143.82	56137.16	56131.00781	56124.61563	56115.46875	504528.9	5408278.9
L4530.0	504528.9	5408278.9	1008.90002	248.65	130	48.827473	-86.938295	56282.02	56393.8	-143.83	56138.19	56132.16016	56125.17309	56116.08984	504528.9	5408278.9
L4530.0	504528.9	5408280.3	1009.00000	250.21	130	48.827486	-86.938294	56282.81	56393.8	-143.84	56138.97	56133.05859	56125.74438	56116.71875	504528.9	5408280.3
L4530.0	504528.9	5408281.9	1009.09998	250.72	130	48.827500	-86.938294	56283.57	56393.9	-143.85	56139.72	56133.92578	56126.31484	56117.35156	504528.9	5408281.9
L4530.0	504528.9	5408283.4	1009.20001	248.56	130	48.827514	-86.938294	56284.93	56393.9	-143.86	56141.07	56135.39453	56126.84246	56117.94141	504528.9	5408283.4
L4530.0	504528.9	5408284.8	1009.29999	245.57	130	48.827526	-86.938294	56285.62	56393.9	-143.87	56141.75	56136.19141	56127.41192	56118.57031	504528.9	5408284.8
L4530.0	504528.9	5408286.1	1009.40002	244.44	130	48.827538	-86.938294	56286.16	56393.9	-143.88	56142.27	56136.82422	56127.98923	56119.20703	504528.9	5408286.1
L4530.0	504528.9	5408287.1	1009.50000	244.03	130	48.827547	-86.938294	56287.13	56393.9	-143.89	56143.23	56137.89453	56128.53439	56119.81250	504528.9	5408287.1
L4530.0	504528.9	5408287.1	1009.59998	243.35	130	48.827547	-86.938294	56287.84	56393.9	-143.91	56143.93	56138.70313	56129.09406	56120.43359	504528.9	5408287.1
L4530.0	504528.9	5408288.5	1009.70001	242.19	130	48.827560	-86.938294	56288.81	56393.9	-143.92	56144.89	56139.77344	56129.63359	56121.03516	504528.9	5408288.5
L4530.0	504528.9	5408289.9	1009.79999	243.33	130	48.827572	-86.938294	56289.35	56393.9	-143.93	56145.42	56140.41016	56130.19899	56121.66016	504528.9	5408289.9
L4530.0	504528.9	5408291.2	1009.90002	242.32	130	48.827584	-86.938294	56290.18	56393.9	-143.94	56146.24	56141.33203	56130.74226	56122.26563	504528.9	5408291.2
L4530.0	504528.9	5408292.7	1010.00000	243.33	130	48.827597	-86.938294	56290.82	56393.9	-143.95	56146.87	56142.06641	56131.29541	56122.87891	504528.9	5408292.7
L4530.0	504528.9	5408294.3	1010.09998	244.74	130	48.827611	-86.938294	56291.38	56394	-143.95	56147.43	56142.72656	56131.85045	56123.49219	504528.9	5408294.3
L4530.0	504528.9	5408295.6	1010.20001	245.72	130	48.827623	-86.938294	56292.18	56394	-143.96	56148.22	56143.61719	56132.38738	56124.08984	504528.9	5408295.6
L4530.0	504528.9	5408295.6	1010.29999	246.51	130	48.827623	-86.938294	56292.68	56394	-143.96	56148.72	56144.21094	56132.94088	56124.70313	504528.9	5408295.6
L4530.0	504528.8	5408297.1	1010.40002	245.72	130	48.827636	-86.938294	56293.61	56394	-143.97	56149.64	56145.22656	56133.46362	56125.28516	504528.8	5408297.1
L4530.0	504528.8	5408298.3	1010.50000	244.54	130	48.827647	-86.938295	56294.60	56394	-143.97	56150.63	56146.30859	56133.97894	56125.86328	504528.8	5408298.3
L4530.0	504528.8	5408299.5	1010.59998	242.51	130	48.827658	-86.938295	56295.24	56394	-143.97	56151.27	56147.03906	56134.51486	56126.45703	504528.8	5408299.5
L4530.0	504528.8	5408299.5	1010.79999	242.93	130	48.827658	-86.938295	56295.62	56394	-143.98	56151.64	56147.50000	56135.06604	56127.07031	504528.8	5408299.5
L4530.0	504528.8	5408302.6	1010.79999	243.44	130	48.827686	-86.938295	56296.82	56394	-143.98	56152.84	56148.78906	56135.55916	56127.62109	504528.8	5408302.6
L4530.0	504528.8	5408302.6	1010.90002	244.41	130	48.827686	-86.938295	56297.28	56394	-143.99	56153.29	56149.32031	56136.09956	56128.22266	504528.8	5408302.6
L4530.0	504528.8	5408304.0	1011.00000	244.36	91.96	48.827699	-86.938295	56298.02	56394	-143.99	56154.03	56150.14453	56136.61790	56128.80078	504528.8	5408304.0
L4530.0	504528.8	5408305.8	1011.09998	245.28	91.52	48.827715	-86.938295	56298.76	56394	-143.99	56154.77	56150.96484	56137.13354	56129.37500	504528.8	5408305.8
L4530.0	504528.8	5408307.5	1011.20001	246.76	91.52	48.827730	-86.938295	56299.21	56394	-144.00	56155.22	56151.49609	56137.66581	56129.96875	504528.8	5408307.5
L4530.0	504528.8	5408308.8	1011.29999	250.60	91.52	48.827742	-86.938295	56299.86	56394	-144.00	56155.86	56152.21484	56138.18271	56130.54297	504528.8	5408308.8
L4530.0	504528.8	5408308.8	1011.40002	252.36	90.37	48.827742	-86.938295	56301.29	56394	-144.00	56157.29	56153.71875	56138.64425	56131.06250	504528.8	5408308.8
L4530.0	504528.8	5408310.5	1011.50000	252.22	89.2	48.827757	-86.938295	56301.79	56394	-144.00	56157.79	56154.28906	56139.16510	56131.64453	504528.8	5408310.5
L4530.0	504528.8	5408311.8	1011.59998	254.25	89.2	48.827769	-86.938295	56302.18	56394	-144.01	56158.18	56154.75000	56139.69059	56132.23047	504528.8	5408311.8
L4530.0	504528.8	5408311.8	1011.70001	256.22	91.06	48.827769	-86.938295	56303.02	56394	-144.01	56159.01	56155.65234	56140.18406	56132.78125	504528.8	5408311.8
L4530.0	504528.8	5408313.3	1011.79999	256.56	86.26	48.827782	-86.938295	56303.81	56394	-144.01	56159.80	56156.50781	56140.67752	56133.33594	504528.8	5408313.3
L4530.0	504528.8	5408316.0	1011.90002	256.80	82.64	48.827807	-86.938295	56304.61	56394	-144.02	56160.59	56157.36328	56141.16829	56133.88281	504528.8	5408316.0
L4530.0	504528.8	5408316.0	1012.00000	254.57	82.64	48.827807	-86.938295	56305.17	56394	-144.02	56161.15	56157.98438	56141.67171	56134.44531	504528.8	5408316.0
L4530.0	504528.8	5408317.2	1012.09998	253.05	83.78	48.827818	-86.938295	56305.91	56394	-144.02	56161.88	56158.77734	56142.16112	56134.99609	504528.8	5408317.2
L4530.0	504528.8	5408319.2	1012.20001	250.03	83.78	48.827835	-86.938295	56306.57	56394	-144.03	56162.54	56159.49609	56142.65251	56135.54297	504528.8	5408319.2
L4530.0	504528.8	5408319.2	1012.29999	248.73	86.06	48.827835	-86.938295	56306.80	56394	-144.03	56162.77	56159.78125	56143.16988	56136.12109	504528.8	5408319.2
L4530.0	504528.8	5408320.6	1012.40002	247.51	86.06	48.827848	-86.938295	56308.00	56394	-144.03	56163.97	56161.03516	56143.61990	56136.62891	504528.8	5408320.6
L4530.0	504528.8	5408322.0	1012.50000	245.15	84.09	48.827861	-86.938295	56308.33	56394	-144.04	56164.30	56161.41797	56144.12524	56137.19141	504528.8	5408322.0
L4530.0	504528.8	5408323.3	1012.59998	243.44	84.09	48.827872	-86.938295	56309.15	56394	-144.04	56165.11	56162.27734	56144.59588	56137.72266	504528.8	5408323.3
L4530.0	504528.8	5408324.9	1012.70001	242.27	83.24	48.827887	-86.938294	56309.78	56394	-144.04	56165.74	56162.95703	56145.07583	56138.26172	504528.8	5408324.9
L4530.0	504528.8	5408324.9	1012.79999	242.01	85.58	48.827887	-86.938294	56310.73	56394	-144.04	56166.69	56163.95313	56145.53174	56138.77344	504528.8	5408324.9
L4530.0	504528.8	5408326.8	1012.90002	241.53	85.58	48.827904	-86.938294	56310.91	56394	-144.05	56166.86	56164.16797	56146.03695	56139.33984	504528.8	5408326.8
L4530.0	504528.8	5408326.8	1013.00000	241.76	83.86	48.827904	-86.938294	56311.93	56394.1	-144.05	56167.88	56165.22656	56146.48278	56139.84375	504528.8	5408326.8
L4530.0	504528.8	5408328.3	1013.09998	240.08	83.86	48.827917	-86.938294	56312.41	56394.1	-144.06	56168.35	56165.73828	56146.96256	56140.38281	504528.8	5408328.3
L4530.0	504528.8	5408329.8	1013.20001	239.38	82.73	48.827931	-86.938294	56312.93	56394.1	-144.07	56168.86	56166.28516	56147.43695	56140.91406	504528.8	5408329.8
L4530.0	504528.8	5408331.1	1013.29999	238.94	82.63	48.827943	-86.938294	56313.95	56394.1	-144.08	56169.87	56167.33203	56147.87527	56141.41016	504528.8	5408331.1
L4530.0	504528.8	5408332.6	1013.40002	239.03	82.63	48.827956	-86.938294	56314.56	56394.1	-144.09	56170.47	56167.96484	56148.33817	56141.92969	504528.8	5408332.6
L4530.0	504528.8	5408332.6	1013.50000	239.25	84.74	48.827956	-86.938294	56314.82	56394.1	-144.10	56170.72	56168.24219	56148.82166	56142.47266	504528.8	5408332.6
L4530.0	504528.8	5408334.3	1013.59998	239.74	90.11	48.827971	-86.938294	56315.70	56394.1	-144.10	56171.60	56169.15234	56149.26037	56142.96875	504528.8	5408334.3
L4530.0	504528.8	5408335.9	1013.70001	240.07	76.44	48.827986	-86.938294	56316.12	56394.1	-144.11	56172.01	56169.58984	56149.72765	56143.49609	504528.8	5408335.9
L4530.0	504528.8	5408337.2	1013.79999	240.48	76.44	48.827998	-86.938294	56317.04	56394.1	-144.12	56172.91	56170.51172	56150.15946	56143.98438	504528.8	5408337.2
L4530.0	504528.8	5408338.8	1013.90002	242.11	79.62	48.828012	-86.938294	56317.57	56394.1	-144.13	56173.43	56171.05469	56150.61379	56144.49609	504528.8	5408338.8
L4530.0	504528.8	5408338.8	1014.00000	244.49	89.83	48.828012	-86.938294	56318.66	56394.1	-144.14	56174.52	56172.16406	56151.02730	56144.96875	504528.8	5408338.8
L4530.0	504528.8	5408340.1	1014.09998	247.35	89.61	48.828024	-86.938294	56318.88	56394.1	-144.14	56174.73	56172.39453	56151.49664	56145.49609	504528.8	5408340.1
L4530.0	504528.8	5408341.4	1014.20001	248.47	89.61	48.828036	-86.938294	56319.62	56394.1	-144.15	56175.47	56173.14844	56151.92778	56145.98438	504528.8	5408341.4
L4530.0	504528.8	5408343.4	1014.29999	247.71	72.28	48.828053	-86.938294	56320.04	56394.2	-144.15	56175.89	56173.58203	56152.37737	56146.49219	504528.8	5408343.4
L4530.0	504528.8	5408343.4	1014.40002	247.23	78.31	48.828053	-86.938294	56320.96	56394.2	-144.16	56176.80	56174.50391	56152.79141	56146.96484	504528.8	5408343.4
L4530.0	504528.8	5408346.5	1014.50000	247.34	78.31	48.828081	-86.938295	56321.86	56394.2	-144.16	56177.70	56175.41016	56153.20318	56147.43359	504528.8	5408346.5
L4530.0	504528.8	5408346.5	1014.59998	247.72	85.38	48.828081	-86.938295	56322.11	56394.2	-144.16	56177.95	56175.66797	56153.65535	56147.94141	504528.8	5408346.5
L4530.0	504528.8	5408348.0	1014.70001	247.49	85.38	48.828094	-86.938295	56322.63	56394.2	-144.17	56178.46	56176.18359	56154.08722	56148.43359	504528.8	5408348.0
L4530.0	504528.8	5408348.0	1014.79999	246.29	89.24	48.828094	-86.938295	56323.03	56394.2	-144.17	56178.86	56176.58594	56154.52343	56148.92578	504528.8	5408348.0
L4530.0	504528.7	5408349.9	1014.90002	245.36	83	48.828111	-86.938295	56323.83	56394.2	-144.18	56179.65	56177.37500	56154.93062	56149.39063	504528.7	5408349.9
L4530.0	504528.7	5408351.3	1015.00000	245.56	83	48.828125	-86.938295	56324.66	56394.2	-144.18	56180.48	56178.19922	56155.33210	56149.84766	504528.7	5408351.3
L4530.0	504528.7	5408353.4	1015.09998	247.10	80.92	48.828143	-86.938296	56325.31	56394.2	-144.18	56181.12	56178.83594	56155.74317	56150.31641	504528.7	5408353.4
L4530.0	504528.7	5408353.4	1015.20001	247.26	80.92	48.828143	-86.938296	56325.33	56394.2	-144.19	56181.14	56178.84766	56156.19247	56150.82422	504528.7	5408353.4
L4530.0	504528.7	5408354.7	1015.29999	247.80	81.29	48.828155	-86.938296	56326.32	56394.2	-144.19	56182.13	56179.82813	56156.57397	56151.26172	504528.7	5408354.7
L4530.0	504528.7	5408356.6	1015.40002	250.00	81.29	48.828172	-86.938296	56326.93	56394.2	-144.20	56182.73	56180.41797	56156.97831	56151.72266	504528.7	5408356.6
L4530.0	504528.7	5408356.6	1015.50000	250.20	82.7	48.828172	-86.938296	56327.60	56394.2	-144.21	56183.40	56181.07422	56157.37478	56152.17578	504528.7	5408356.6
L4530.0	504528.7	5408357.8	1015.59998	251.04	81.18	48.828183	-86.938296	56328.52	56394.2	-144.21	56184.31	56181.96484	56157.75201	56152.61328	504528.7	5408357.8
L4530.0	504528.6	5408359.3	1015.70001	252.82	81.18	48.828196	-86.938297	56328.77	56394.2	-144.22	56184.56	56182.19922	56158.16997	56153.08594	504528.6	5408359.3
L4530.0	504528.6	5408360.7	1015.79999	252.52	80.76	48.828209	-86.938297	56329.34	56394.2	-144.22	56185.12	56182.73438	56158.56396	56153.53516	504528.6	5408360.7
L4530.0	504528.6	5408362.0	1015.90002	252.95	74.67	48.828221	-86.938297	56329.69	56394.2	-144.23	56185.46	56183.05078	56158.96928	56154.00000	504528.6	5408362.0
L4530.0	504528.6	5408363.4	1016.00000	253.19	74.67	48.828233	-86.938297	56330.46	56394.2	-144.23	56186.23	56183.79688	56159.34254	56154.42969	504528.6	5408363.4
L4530.0	504528.6	5408363.4	1016.09998	252.18	83.69	48.828233	-86.938297	56331.22	56394.2	-144.23	56186.99	56184.52734	56159.71304	56154.85547	504528.6	5408363.4
L4530.0	504528.6	5408364.8	1016.20001	250.85	73.48	48.828246	-86.938297	56331.88	56394.2	-144.23	56187.65	56185.15625	56160.08675	56155.28516	504528.6	5408364.8
L4530.0	504528.6	5408366.4	1016.29999	251.29	73.48	48.828260	-86.938297	56332.27	56394.2	-144.24	56188.03	56185.50391	56160.47562	56155.73047	504528.6	5408366.4
L4530.0	504528.6	5408367.5	1016.40002	251.75	73.48	48.828270	-86.938297	56332.50	56394.2	-144.24	56188.27	56185.70703	56160.87027	56156.17969	504528.6	5408367.5
L4530.0	504528.6	5408368.9	1016.50000	251.42	85.43	48.828283	-86.938297	56333.52	56394.2	-144.24	56189.28	56186.67969	56161.21000	56156.57813	504528.6	5408368.9
L4530.0	504528.6	5408368.9	1016.59998	251.78	85.99	48.828283	-86.938297	56333.95	56394.2	-144.24	56189.71	56187.07031	56161.58476	56157.00781	504528.6	5408368.9
L4530.0	504528.6	5408370.6	1016.70001	253.63	85.67	48.828298	-86.938298	56334.74	56394.2	-144.24	56190.50	56187.81641	56161.93184	56157.41016	504528.6	5408370.6
L4530.0	504528.6	5408372.1	1016.79999	252.80	85.67	48.828311	-86.938298	56335.34	56394.2	-144.25	56191.09	56188.36328	56162.28853	56157.82422	504528.6	5408372.1
L4530.0	504528.6	5408373.3	1016.90002	251.67	78.44	48.828323	-86.938298	56335.94	56394.2	-144.25	56191.69	56188.91406	56162.64079	56158.23047	504528.6	5408373.3
L4530.0	504528.6	5408374.9	1017.00000	251.26	78.44	48.828336	-86.938298	56336.15	56394.3	-144.25	56191.90	56189.07422	56163.01523	56158.66016	504528.6	5408374.9

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4530.0	504528.6	5408374.9	1017.09998	250.28	72	48.828336	-86.938298	56336.89	56394.3	-144.25	56192.63	56189.75391	56163.35114	56159.05078	504528.6	5408374.9
L4530.0	504528.5	5408376.6	1017.20001	249.93	72	48.828352	-86.938298	56337.12	56394.3	-144.26	56192.86	56189.92578	56163.71647	56159.47266	504528.5	5408376.6
L4530.0	504528.5	5408378.5	1017.29999	250.30	74.32	48.828369	-86.938298	56337.78	56394.3	-144.26	56193.51	56190.51953	56164.04986	56159.85938	504528.5	5408378.5
L4530.0	504528.5	5408380.2	1017.40002	251.62	78.08	48.828384	-86.938298	56338.62	56394.3	-144.27	56194.35	56191.30078	56164.36658	56160.23047	504528.5	5408380.2
L4530.0	504528.5	5408380.2	1017.50000	251.62	78.08	48.828384	-86.938298	56339.24	56394.3	-144.28	56194.96	56191.84766	56164.69460	56160.61328	504528.5	5408380.2
L4530.0	504528.5	5408381.8	1017.59998	249.84	80.43	48.828399	-86.938298	56339.77	56394.3	-144.28	56195.49	56192.31250	56165.02386	56160.99609	504528.5	5408381.8
L4530.0	504528.5	5408383.0	1017.70001	249.89	79.92	48.828410	-86.938298	56339.72	56394.3	-144.29	56195.44	56192.19531	56165.38765	56161.41406	504528.5	5408383.0
L4530.0	504528.5	5408384.7	1017.79999	248.04	79.92	48.828425	-86.938298	56340.84	56394.3	-144.29	56196.55	56193.23828	56165.66994	56161.75000	504528.5	5408384.7
L4530.0	504528.5	5408384.7	1017.90002	247.55	77.04	48.828425	-86.938298	56340.82	56394.3	-144.30	56196.52	56193.13281	56166.02401	56162.16016	504528.5	5408384.7
L4530.0	504528.5	5408387.1	1018.00000	246.51	77.04	48.828446	-86.938298	56341.43	56394.3	-144.30	56197.13	56193.67188	56166.33116	56162.51953	504528.5	5408387.1
L4530.0	504528.5	5408388.3	1018.09998	243.86	73.52	48.828457	-86.938298	56341.94	56394.3	-144.30	56197.64	56194.10156	56166.64068	56162.88281	504528.5	5408388.3
L4530.0	504528.5	5408388.3	1018.20001	244.81	74.99	48.828457	-86.938298	56342.22	56394.3	-144.30	56197.92	56194.30469	56166.96119	56163.25391	504528.5	5408388.3
L4530.0	504528.5	5408389.8	1018.29999	244.36	74.99	48.828470	-86.938298	56343.22	56394.3	-144.30	56198.92	56195.22266	56167.22933	56163.57813	504528.5	5408389.8
L4530.0	504528.5	5408391.2	1018.40002	245.03	76.19	48.828483	-86.938298	56343.93	56394.3	-144.30	56199.63	56195.84766	56167.51239	56163.91016	504528.5	5408391.2
L4530.0	504528.5	5408391.2	1018.50000	243.27	78.67	48.828483	-86.938298	56343.88	56394.3	-144.31	56199.58	56195.71094	56167.84167	56164.29297	504528.5	5408391.2
L4530.0	504528.6	5408393.1	1018.59998	244.31	78.67	48.828501	-86.938297	56344.26	56394.3	-144.31	56199.95	56195.99219	56168.13847	56164.64063	504528.6	5408393.1
L4530.0	504528.6	5408394.6	1018.70001	243.21	78.9	48.828514	-86.938297	56344.50	56394.3	-144.31	56200.19	56196.14063	56168.43942	56164.99609	504528.6	5408394.6
L4530.0	504528.6	5408395.6	1018.79999	243.56	78.64	48.828522	-86.938297	56344.88	56394.3	-144.31	56200.57	56196.42969	56168.72650	56165.33203	504528.6	5408395.6
L4530.0	504528.6	5408396.9	1018.90002	246.36	78.64	48.828534	-86.938297	56345.79	56394.3	-144.31	56201.48	56197.24219	56168.97368	56165.63281	504528.6	5408396.9
L4530.0	504528.6	5408398.7	1019.00000	245.93	72.37	48.828550	-86.938297	56346.52	56394.3	-144.31	56202.21	56197.87500	56169.22827	56165.93750	504528.6	5408398.7
L4530.0	504528.6	5408398.7	1019.09998	247.00	70.49	48.828550	-86.938297	56346.54	56394.3	-144.31	56202.22	56197.78125	56169.52625	56166.28516	504528.6	5408398.7
L4530.0	504528.6	5408401.2	1019.20001	244.75	70.49	48.828573	-86.938297	56346.96	56394.3	-144.31	56202.65	56198.10938	56169.79160	56166.60156	504528.6	5408401.2
L4530.0	504528.6	5408402.4	1019.29999	246.23	73.3	48.828584	-86.938297	56347.23	56394.3	-144.32	56202.91	56198.26563	56170.06363	56166.92188	504528.6	5408402.4
L4530.0	504528.6	5408402.4	1019.40002	247.09	77.83	48.828584	-86.938297	56347.63	56394.3	-144.32	56203.31	56198.55469	56170.32166	56167.23047	504528.6	5408402.4
L4530.0	504528.6	5408403.6	1019.50000	250.32	77.62	48.828595	-86.938297	56347.96	56394.3	-144.32	56203.64	56198.77734	56170.57969	56167.53906	504528.6	5408403.6
L4530.0	504528.6	5408405.7	1019.59998	250.58	77.62	48.828613	-86.938297	56348.40	56394.3	-144.32	56204.08	56199.10547	56170.82570	56167.83203	504528.6	5408405.7
L4530.0	504528.6	5408405.7	1019.70001	250.76	80.29	48.828613	-86.938297	56348.22	56394.3	-144.32	56203.89	56198.80078	56171.10903	56168.16406	504528.6	5408405.7
L4530.0	504528.6	5408407.1	1019.79999	251.34	80.29	48.828626	-86.938297	56348.96	56394.3	-144.33	56204.63	56199.42188	56171.32567	56168.42969	504528.6	5408407.1
L4530.0	504528.6	5408408.8	1019.90002	252.46	64.56	48.828642	-86.938297	56349.39	56394.3	-144.33	56205.07	56199.74219	56171.55763	56168.70703	504528.6	5408408.8
L4530.0	504528.6	5408410.1	1020.00000	251.85	70.59	48.828654	-86.938297	56349.75	56394.3	-144.33	56205.42	56199.97266	56171.79091	56168.98828	504528.6	5408410.1
L4530.0	504528.6	5408411.3	1020.09998	250.92	68.16	48.828664	-86.938297	56350.11	56394.3	-144.33	56205.78	56200.20703	56172.01887	56169.26563	504528.6	5408411.3
L4530.0	504528.6	5408413.0	1020.20001	248.56	68.16	48.828680	-86.938297	56350.06	56394.3	-144.33	56205.73	56200.03516	56172.26950	56169.56250	504528.6	5408413.0
L4530.0	504528.6	5408413.0	1020.29999	246.90	69.68	48.828680	-86.938297	56350.49	56394.3	-144.33	56206.16	56200.33594	56172.48351	56169.82031	504528.6	5408413.0
L4530.0	504528.6	5408414.7	1020.40002	247.12	69.68	48.828695	-86.938297	56350.98	56394.3	-144.33	56206.65	56200.69531	56172.68890	56170.07422	504528.6	5408414.7
L4530.0	504528.6	5408416.2	1020.50000	247.28	74.59	48.828708	-86.938297	56351.08	56394.3	-144.32	56206.75	56200.66406	56172.91571	56170.34375	504528.6	5408416.2
L4530.0	504528.6	5408416.2	1020.59998	247.47	73.6	48.828708	-86.938297	56351.11	56394.3	-144.32	56206.78	56200.55859	56173.14264	56170.61719	504528.6	5408416.2
L4530.0	504528.6	5408417.7	1020.70001	246.00	73.6	48.828721	-86.938297	56350.97	56394.3	-144.32	56206.65	56200.29297	56173.37572	56170.89453	504528.6	5408417.7
L4530.0	504528.6	5408418.8	1020.79999	243.23	67.42	48.828731	-86.938297	56351.41	56394.3	-144.32	56207.09	56200.59766	56173.56633	56171.12891	504528.6	5408418.8
L4530.0	504528.6	5408420.4	1020.90002	241.52	67.42	48.828746	-86.938297	56351.89	56394.3	-144.32	56207.57	56200.93750	56173.74984	56171.35938	504528.6	5408420.4
L4530.0	504528.6	5408421.7	1021.00000	242.50	65.6	48.828757	-86.938297	56352.02	56394.3	-144.32	56207.70	56200.92578	56173.95231	56171.60547	504528.6	5408421.7
L4530.0	504528.6	5408423.2	1021.09998	242.34	67.64	48.828771	-86.938297	56352.28	56394.3	-144.32	56207.96	56201.04297	56174.14179	56171.83594	504528.6	5408423.2
L4530.0	504528.6	5408424.4	1021.20001	241.52	67.64	48.828782	-86.938297	56352.50	56394.3	-144.31	56208.19	56201.12891	56174.32900	56172.06641	504528.6	5408424.4
L4530.0	504528.6	5408424.4	1021.29999	241.46	66.96	48.828782	-86.938297	56352.15	56394.3	-144.31	56207.84	56200.63281	56174.55067	56172.32813	504528.6	5408424.4
L4530.0	504528.6	5408426.3	1021.40002	242.79	66.96	48.828799	-86.938297	56352.64	56394.3	-144.30	56208.34	56200.98047	56174.71156	56172.53125	504528.6	5408426.3
L4530.0	504528.6	5408427.4	1021.50000	243.29	65.19	48.828809	-86.938297	56352.91	56394.3	-144.30	56208.61	56201.10156	56174.88371	56172.74609	504528.6	5408427.4
L4530.0	504528.6	5408428.6	1021.59998	246.53	65.51	48.828820	-86.938297	56352.45	56394.3	-144.30	56208.16	56200.50000	56175.09990	56173.00391	504528.6	5408428.6
L4530.0	504528.6	5408430.2	1021.70001	247.10	65.51	48.828834	-86.938297	56352.99	56394.3	-144.29	56208.70	56200.88672	56175.24619	56173.19141	504528.6	5408430.2
L4530.0	504528.6	5408431.2	1021.79999	247.27	66.83	48.828843	-86.938297	56352.86	56394.3	-144.29	56208.57	56200.60156	56175.43334	56173.41797	504528.6	5408431.2
L4530.0	504528.6	5408432.8	1021.90002	247.90	70.54	48.828857	-86.938297	56352.79	56394.3	-144.28	56208.50	56200.37500	56175.61280	56173.63672	504528.6	5408432.8
L4530.0	504528.6	5408432.8	1022.00000	247.89	71.5	48.828857	-86.938297	56352.94	56394.3	-144.28	56208.66	56200.37891	56175.77331	56173.83594	504528.6	5408432.8
L4530.0	504528.6	5408435.1	1022.09998	247.75	71.5	48.828878	-86.938297	56353.48	56394.3	-144.28	56209.20	56200.75781	56175.90498	56174.00391	504528.6	5408435.1
L4530.0	504528.6	5408436.5	1022.20001	247.34	65.86	48.828891	-86.938297	56353.20	56394.3	-144.28	56208.92	56200.31641	56176.08793	56174.22656	504528.6	5408436.5
L4530.0	504528.6	5408436.5	1022.29999	249.25	66.58	48.828891	-86.938297	56352.56	56394.3	-144.29	56208.27	56199.50781	56176.29228	56174.46875	504528.6	5408436.5
L4530.0	504528.6	5408438.2	1022.40002	250.90	66.58	48.828906	-86.938296	56353.20	56394.3	-144.29	56208.91	56199.98438	56176.40747	56174.62109	504528.6	5408438.2
L4530.0	504528.6	5408439.3	1022.50000	250.40	64.43	48.828916	-86.938296	56353.45	56394.3	-144.29	56209.15	56200.05859	56176.54629	56174.79688	504528.6	5408439.3
L4530.0	504528.6	5408439.3	1022.59998	250.58	63.56	48.828916	-86.938296	56353.48	56394.3	-144.29	56209.18	56199.92188	56176.69621	56174.98047	504528.6	5408439.3
L4530.0	504528.6	5408441.0	1022.70001	248.98	63.56	48.828931	-86.938296	56352.98	56394.3	-144.29	56208.69	56199.26563	56176.87804	56175.19922	504528.6	5408441.0
L4530.0	504528.6	5408442.3	1022.79999	248.84	66.03	48.828943	-86.938296	56353.07	56394.3	-144.30	56208.77	56199.17969	56177.01923	56175.37500	504528.6	5408442.3
L4530.0	504528.6	5408444.0	1022.90002	248.77	66.03	48.828959	-86.938296	56353.20	56394.3	-144.30	56208.90	56199.14063	56177.15461	56175.54297	504528.6	5408444.0
L4530.0	504528.6	5408444.0	1023.00000	247.55	65.69	48.828959	-86.938296	56353.02	56394.3	-144.30	56208.72	56198.79297	56177.30832	56175.73047	504528.6	5408444.0
L4530.0	504528.6	5408445.5	1023.09998	246.44	65.69	48.828971	-86.938296	56352.76	56394.3	-144.31	56208.45	56198.35156	56177.46584	56175.92188	504528.6	5408445.5
L4530.0	504528.6	5408446.8	1023.20001	247.61	67.22	48.828984	-86.938296	56352.31	56394.3	-144.31	56208.00	56197.73438	56177.63333	56176.12500	504528.6	5408446.8
L4530.0	504528.6	5408448.8	1023.29999	245.81	67.22	48.829001	-86.938296	56352.56	56394.3	-144.32	56208.24	56197.80078	56177.75295	56176.27344	504528.6	5408448.8
L4530.0	504528.6	5408450.3	1023.40002	244.58	66.51	48.829015	-86.938296	56352.68	56394.3	-144.32	56208.36	56197.75000	56177.87886	56176.43359	504528.6	5408450.3
L4530.0	504528.6	5408450.3	1023.50000	244.89	67.64	48.829015	-86.938296	56352.28	56394.3	-144.32	56207.95	56197.16797	56178.03856	56176.62500	504528.6	5408450.3
L4530.0	504528.6	5408451.9	1023.59998	245.82	66.91	48.829029	-86.938296	56352.61	56394.3	-144.33	56208.28	56197.32422	56178.14755	56176.76172	504528.6	5408451.9
L4530.0	504528.6	5408453.1	1023.70001	247.24	66.91	48.829040	-86.938296	56352.38	56394.3	-144.33	56208.04	56196.91406	56178.29333	56176.93750	504528.6	5408453.1
L4530.0	504528.6	5408454.7	1023.79999	248.20	66.35	48.829054	-86.938296	56352.05	56394.3	-144.34	56207.71	56196.41016	56178.44408	56177.12109	504528.6	5408454.7
L4530.0	504528.6	5408456.1	1023.90002	247.87	62.79	48.829067	-86.938296	56352.20	56394.3	-144.35	56207.86	56196.38672	56178.56197	56177.26563	504528.6	5408456.1
L4530.0	504528.6	5408456.1	1024.00000	247.52	62.79	48.829067	-86.938296	56352.38	56394.3	-144.35	56208.03	56196.38281	56178.67785	56177.41016	504528.6	5408456.1
L4530.0	504528.6	5408457.7	1024.09998	247.53	62.38	48.829082	-86.938296	56351.87	56394.4	-144.35	56207.51	56195.69141	56178.83922	56177.60156	504528.6	5408457.7
L4530.0	504528.6	5408459.3	1024.19995	249.42	62.84	48.829096	-86.938296	56351.69	56394.4	-144.35	56207.34	56195.34766	56178.97693	56177.76563	504528.6	5408459.3
L4530.0	504528.6	5408460.5	1024.30005	248.24	62.84	48.829107	-86.938296	56351.36	56394.4	-144.36	56207.00	56194.83203	56179.12583	56177.94141	504528.6	5408460.5
L4530.0	504528.6	5408461.7	1024.40002	247.43	63.44	48.829117	-86.938296	56351.03	56394.4	-144.36	56206.67	56194.33203	56179.27410	56178.11328	504528.6	5408461.7
L4530.0	504528.6	5408461.7	1024.50000	246.93	65.3	48.829117	-86.938296	56351.16	56394.4	-144.36	56206.80	56194.28906	56179.39192	56178.25781	504528.6	5408461.7
L4530.0	504528.6	5408463.6	1024.59998	247.23	65.3	48.829135	-86.938297	56351.46	56394.4	-144.36	56207.10	56194.41406	56179.49879	56178.39063	504528.6	5408463.6
L4530.0	504528.6	5408465.4	1024.69995	247.30	65.19	48.829150	-86.938297	56350.79	56394.4	-144.36	56206.43	56193.57422	56179.67091	56178.58594	504528.6	5408465.4
L4530.0	504528.6	5408465.4	1024.80005	246.76	65.53	48.829150	-86.938297	56350.75	56394.4	-144.37	56206.38	56193.35156	56179.80245	56178.74219	504528.6	5408465.4
L4530.0	504528.5	5408467.2	1024.90002	248.05	65.53	48.829167	-86.938297	56350.52	56394.4	-144.37	56206.15	56192.95313	56179.94692	56178.91016	504528.5	5408467.2
L4530.0	504528.5	5408468.7	1025.00000	248.04	60.83	48.829180	-86.938297	56350.89	56394.4	-144.37	56206.52	56193.15234	56180.05250	56179.03906	504528.5	5408468.7
L4530.0	504528.5	5408470.1	1025.09998	248.84	60.83	48.829193	-86.938297	56350.70	56394.4	-144.37	56206.32	56192.78125	56180.19735	56179.20313	504528.5	5408470.1
L4530.0	504528.5	5408470.1	1025.19995	249.20	57.85	48.829193	-86.938297	56350.42	56394.4	-144.38	56206.04	56192.33594	56180.34899	56179.37891	504528.5	5408470.1
L4530.0	504528.5	5408471.6	1025.30005	251.13	59.11	48.829207	-86.938297	56350.54	56394.4	-144.38	56206.16	56192.28516	56180.47559	56179.52344	504528.5	5408471.6
L4530.0	504528.5	5408473.0	1025.40002	251.50	57.26	48.829219	-86.938297	56350.16	56394.4	-144.39	56205.77	56191.73047	56180.63798	56179.70703	504528.5	5408473.0
L4530.0	504528.5	5408474.2	1025.50000	251.06	57.26	48.829229	-86.938297	56350.31	56394.4	-144.39	56205.92	56191.71484	56180.76632	56179.85547	504528.5	5408474.2
L4530.0	504528.5	5408475.9	1025.59998	251.74	60.51	48.829245	-86.938297	56350.34	56394.4	-144.39	56205.95	56191.58203	56180.90477	56180.01172	504528.5	5408475.9
L4530.0	504528.5	5408477.1	1025.69995	249.57	63.8	48.829256	-86.938298	56350.67	56394.4	-144.40	56206.27	56191.73828	56181.02616	56180.15234	504528.5	5408477.1
L4530.0	504528.5	5408477.1	1025.80005	249.43	63.8	48.829256	-86.938298	56350.23	56394.4	-144.40	56205.83	56191.13672	56181.20065	56180.34375	504528.5	5408477.1
L4530.0	504528.5	5408478.7	1025.90002	248.77	63.36	48.829270	-86.938298	56350.11	56394.4	-144.41	56205.71	56190.85938	56181.35638	56180.51563	504528.5	5408478.7
L4530.0	504528.5	5408480.2	1026.00000	245.71	63.52	48.829283	-86.938298	56350.34	56394.4	-144.41	56205.93	56190.91797	56181.49217	56180.66797	504528.5	5408480.2
L4530.0	504528.4	5408481.8	1026.09998	246.12	63.52	48.829298	-86.938298	56350.75	56394.4	-144.41	56206.34	56191.17188	56181.61815	56180.80859	504528.4	5408481.8
L4530.0	504528.4	5408483.1	1026.19995	245.20	64.53	48.829310	-86.938298	56349.70	56394.4	-144.41	56205.29	56189.96875	56181.84447	56181.05078	504528.4	5408483.1
L4530.0	504528.4	5408484.4	1026.30005	245.12	64.53	48.829322	-86.938298	56350.00	56394.4	-144.41	56205.60	56190.12500	56181.98325	56181.20313	504528.4	5408484.4

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4530.0	504528.4	5408484.4	1026.40002	245.89	67.81	48.829322	-86.938298	56350.26	56394.4	-144.41	56205.85	56190.22656	56182.12929	56181.36328	504528.4	5408484.4
L4530.0	504528.4	5408486.4	1026.50000	246.05	68.14	48.829339	-86.938298	56350.59	56394.4	-144.40	56206.19	56190.41406	56182.27271	56181.51953	504528.4	5408486.4
L4530.0	504528.4	5408486.4	1026.59998	247.00	68.14	48.829339	-86.938298	56350.32	56394.4	-144.40	56205.91	56189.98828	56182.46096	56181.71875	504528.4	5408486.4
L4530.0	504528.4	5408487.8	1026.69995	247.18	69.14	48.829352	-86.938298	56350.31	56394.4	-144.40	56205.91	56189.84375	56182.63414	56181.90234	504528.4	5408487.8
L4530.0	504528.4	5408489.0	1026.80005	247.16	69.05	48.829363	-86.938298	56350.52	56394.4	-144.40	56206.12	56189.91016	56182.79703	56182.07422	504528.4	5408489.0
L4530.0	504528.5	5408490.6	1026.90002	246.09	66.48	48.829377	-86.938298	56350.36	56394.4	-144.40	56205.96	56189.61328	56182.98839	56182.27734	504528.5	5408490.6
L4530.0	504528.5	5408492.0	1027.00000	246.92	66.48	48.829390	-86.938298	56350.77	56394.4	-144.40	56206.37	56189.88281	56183.14563	56182.44141	504528.5	5408492.0
L4530.0	504528.5	5408493.3	1027.09998	245.84	58.72	48.829401	-86.938297	56350.88	56394.4	-144.40	56206.47	56189.84766	56183.32752	56182.63281	504528.5	5408493.3
L4530.0	504528.5	5408494.8	1027.19995	246.59	66.08	48.829415	-86.938297	56351.03	56394.4	-144.41	56206.62	56189.86719	56183.51012	56182.82031	504528.5	5408494.8
L4530.0	504528.5	5408496.5	1027.30005	247.81	66.08	48.829431	-86.938297	56350.69	56394.4	-144.41	56206.28	56189.39844	56183.72951	56183.04688	504528.5	5408496.5
L4530.0	504528.5	5408496.5	1027.40002	248.20	60.52	48.829431	-86.938297	56351.31	56394.4	-144.41	56206.90	56189.89063	56183.88906	56183.21484	504528.5	5408496.5
L4530.0	504528.5	5408498.5	1027.50000	246.96	60.52	48.829449	-86.938297	56351.94	56394.4	-144.42	56207.53	56190.39453	56184.05218	56183.38281	504528.5	5408498.5
L4530.0	504528.5	5408498.5	1027.59998	245.67	60.52	48.829449	-86.938297	56351.88	56394.4	-144.42	56207.46	56190.20313	56184.26623	56183.60156	504528.5	5408498.5
L4530.0	504528.5	5408500.1	1027.69995	247.25	63.68	48.829463	-86.938297	56352.28	56394.4	-144.42	56207.86	56190.48438	56184.45326	56183.78906	504528.5	5408500.1
L4530.0	504528.5	5408501.9	1027.80005	248.27	63.68	48.829479	-86.938296	56352.02	56394.4	-144.42	56207.60	56190.10938	56184.68861	56184.02734	504528.5	5408501.9
L4530.0	504528.6	5408503.2	1027.90002	249.54	66.52	48.829491	-86.938296	56352.58	56394.4	-144.43	56208.15	56190.54688	56184.87432	56184.21484	504528.6	5408503.2
L4530.0	504528.6	5408504.6	1028.00000	246.71	69.37	48.829503	-86.938296	56352.82	56394.4	-144.43	56208.39	56190.67969	56185.08505	56184.42578	504528.6	5408504.6
L4530.0	504528.6	5408504.6	1028.09998	245.91	69.37	48.829503	-86.938296	56353.71	56394.4	-144.43	56209.27	56191.45313	56185.25747	56184.59766	504528.6	5408504.6
L4530.0	504528.6	5408505.9	1028.19995	245.47	69.56	48.829515	-86.938296	56353.66	56394.4	-144.44	56209.22	56191.30078	56185.49624	56184.83594	504528.6	5408505.9
L4530.0	504528.6	5408507.4	1028.30005	245.16	68.19	48.829528	-86.938295	56353.73	56394.4	-144.44	56209.29	56191.26953	56185.73134	56185.07031	504528.6	5408507.4
L4530.0	504528.6	5408509.0	1028.40002	248.60	68.19	48.829543	-86.938295	56354.55	56394.4	-144.44	56210.10	56191.98438	56185.92141	56185.25781	504528.6	5408509.0
L4530.0	504528.6	5408509.0	1028.50000	248.06	69.12	48.829543	-86.938295	56354.81	56394.4	-144.44	56210.36	56192.15234	56186.15241	56185.48438	504528.6	5408509.0
L4530.0	504528.6	5408510.3	1028.59998	246.43	69.12	48.829555	-86.938295	56355.44	56394.4	-144.45	56210.99	56192.69531	56186.36297	56185.69141	504528.6	5408510.3
L4530.0	504528.7	5408511.7	1028.69995	247.53	64.76	48.829567	-86.938295	56355.70	56394.5	-144.45	56211.24	56192.85938	56186.60303	56185.92578	504528.7	5408511.7
L4530.0	504528.7	5408513.2	1028.80005	247.47	65.73	48.829580	-86.938295	56356.26	56394.5	-144.45	56211.80	56193.33594	56186.82652	56186.14453	504528.7	5408513.2
L4530.0	504528.7	5408514.5	1028.90002	246.19	65.36	48.829593	-86.938294	56356.62	56394.5	-144.46	56212.16	56193.62109	56187.06737	56186.37891	504528.7	5408514.5
L4530.0	504528.7	5408514.5	1029.00000	246.54	68.46	48.829593	-86.938294	56357.46	56394.5	-144.46	56213.00	56194.38672	56187.28016	56186.58203	504528.7	5408514.5
L4530.0	504528.7	5408516.1	1029.09998	246.36	68.46	48.829607	-86.938294	56357.82	56394.5	-144.46	56213.36	56194.67578	56187.52879	56186.82031	504528.7	5408516.1
L4530.0	504528.7	5408517.6	1029.19995	246.41	69.94	48.829620	-86.938294	56358.56	56394.5	-144.46	56214.09	56195.33984	56187.75651	56187.03906	504528.7	5408517.6
L4530.0	504528.7	5408519.0	1029.30005	246.41	69.94	48.829633	-86.938294	56358.86	56394.5	-144.46	56214.40	56195.58594	56188.01586	56187.28906	504528.7	5408519.0
L4530.0	504528.7	5408519.9	1029.40002	246.11	63.22	48.829641	-86.938294	56359.63	56394.5	-144.46	56215.16	56196.28906	56188.24872	56187.50781	504528.7	5408519.9
L4530.0	504528.7	5408521.3	1029.50000	248.49	67.29	48.829653	-86.938294	56360.14	56394.5	-144.47	56215.68	56196.75391	56188.50095	56187.74609	504528.7	5408521.3
L4530.0	504528.7	5408522.5	1029.59998	246.83	67.29	48.829664	-86.938294	56360.93	56394.5	-144.47	56216.47	56197.49609	56188.73843	56187.97266	504528.7	5408522.5
L4530.0	504528.7	5408522.5	1029.69995	245.28	68.29	48.829664	-86.938294	56361.70	56394.5	-144.47	56217.23	56198.21094	56188.98099	56188.19922	504528.7	5408522.5
L4530.0	504528.7	5408524.2	1029.80005	244.17	68.29	48.829679	-86.938294	56362.31	56394.5	-144.47	56217.84	56198.77734	56189.23648	56188.43750	504528.7	5408524.2
L4530.0	504528.7	5408525.5	1029.90002	244.84	70.32	48.829691	-86.938293	56362.64	56394.5	-144.47	56218.17	56199.07031	56189.51339	56188.69922	504528.7	5408525.5
L4530.0	504528.8	5408526.7	1030.00000	245.25	70.55	48.829702	-86.938293	56363.43	56394.5	-144.47	56218.96	56199.82813	56189.76223	56188.92969	504528.8	5408526.7
L4530.0	504528.8	5408528.4	1030.09998	244.73	70.55	48.829717	-86.938293	56364.27	56394.5	-144.47	56219.81	56200.64844	56190.00946	56189.15625	504528.8	5408528.4
L4530.0	504528.8	5408529.9	1030.19995	245.41	70.04	48.829731	-86.938293	56365.46	56394.5	-144.47	56221.00	56201.81250	56190.23622	56189.36328	504528.8	5408529.9
L4530.0	504528.8	5408529.9	1030.30005	245.82	64.23	48.829731	-86.938293	56365.90	56394.5	-144.46	56221.44	56202.23047	56190.51498	56189.62109	504528.8	5408529.9
L4530.0	504528.8	5408532.0	1030.40002	247.78	64.23	48.829750	-86.938293	56366.52	56394.5	-144.46	56222.06	56202.83594	56190.78353	56189.86719	504528.8	5408532.0
L4530.0	504528.8	5408533.4	1030.50000	249.91	64.4	48.829763	-86.938292	56367.51	56394.5	-144.46	56223.05	56203.81250	56191.02898	56190.08984	504528.8	5408533.4
L4530.0	504528.8	5408534.8	1030.59998	248.62	64.4	48.829775	-86.938292	56368.28	56394.5	-144.46	56223.82	56204.57422	56191.29044	56190.32813	504528.8	5408534.8
L4530.0	504528.8	5408534.8	1030.69995	247.75	63.38	48.829775	-86.938292	56368.94	56394.5	-144.46	56224.49	56205.24219	56191.55966	56190.57031	504528.8	5408534.8
L4530.0	504528.8	5408536.5	1030.80005	249.20	63.38	48.829790	-86.938292	56369.89	56394.5	-144.45	56225.43	56206.18359	56191.81175	56190.79688	504528.8	5408536.5
L4530.0	504528.8	5408537.9	1030.90002	250.56	68.78	48.829803	-86.938292	56370.65	56394.5	-144.45	56226.20	56206.95703	56192.07578	56191.03125	504528.8	5408537.9
L4530.0	504528.8	5408539.2	1031.00000	249.82	69.66	48.829814	-86.938292	56371.52	56394.4	-144.45	56227.07	56207.83984	56192.33349	56191.26172	504528.8	5408539.2
L4530.0	504528.8	5408539.2	1031.09998	249.82	67.35	48.829814	-86.938292	56372.36	56394.4	-144.44	56227.92	56208.70313	56192.59262	56191.49219	504528.8	5408539.2
L4530.0	504528.8	5408540.5	1031.19995	248.39	65.62	48.829826	-86.938292	56373.34	56394.4	-144.44	56228.90	56209.69922	56192.84290	56191.71094	504528.8	5408540.5
L4530.0	504528.8	5408541.9	1031.30005	249.20	65.62	48.829839	-86.938292	56374.30	56394.4	-144.43	56229.87	56210.69141	56193.09338	56191.92969	504528.8	5408541.9
L4530.0	504528.8	5408543.5	1031.40002	249.99	62.55	48.829853	-86.938292	56375.27	56394.4	-144.43	56230.84	56211.69141	56193.34312	56192.14453	504528.8	5408543.5
L4530.0	504528.8	5408545.3	1031.50000	249.01	63.76	48.829869	-86.938292	56376.02	56394.4	-144.42	56231.60	56212.48047	56193.60583	56192.37500	504528.8	5408545.3
L4530.0	504528.8	5408545.3	1031.59998	247.89	63.76	48.829869	-86.938292	56376.83	56394.4	-144.41	56232.41	56213.32813	56193.86388	56192.59766	504528.8	5408545.3
L4530.0	504528.8	5408546.8	1031.69995	244.56	64.31	48.829883	-86.938292	56377.90	56394.4	-144.41	56233.49	56214.44922	56194.10230	56192.79688	504528.8	5408546.8
L4530.0	504528.8	5408548.0	1031.80005	246.05	64.31	48.829894	-86.938292	56378.82	56394.4	-144.40	56234.42	56215.42188	56194.34880	56193.00781	504528.8	5408548.0
L4530.0	504528.8	5408549.7	1031.90002	246.38	62.55	48.829909	-86.938293	56379.94	56394.4	-144.40	56235.54	56216.58984	56194.58040	56193.19922	504528.8	5408549.7
L4530.0	504528.8	5408549.7	1032.00000	245.96	64.82	48.829909	-86.938293	56380.86	56394.4	-144.39	56236.47	56217.57422	56194.82213	56193.40234	504528.8	5408549.7
L4530.0	504528.8	5408551.1	1032.09998	243.44	64.9	48.829922	-86.938293	56381.73	56394.4	-144.39	56237.34	56218.50000	56195.06500	56193.60156	504528.8	5408551.1
L4530.0	504528.8	5408552.6	1032.19995	242.66	64.9	48.829935	-86.938293	56382.70	56394.4	-144.39	56238.31	56219.53125	56195.29803	56193.79297	504528.8	5408552.6
L4530.0	504528.8	5408552.6	1032.30005	242.58	65.86	48.829935	-86.938293	56383.62	56394.4	-144.39	56239.23	56220.51953	56195.53091	56193.98438	504528.8	5408552.6
L4530.0	504528.7	5408555.2	1032.40002	243.76	59.19	48.829958	-86.938293	56385.05	56394.4	-144.39	56240.65	56222.00781	56195.72665	56194.13281	504528.7	5408555.2
L4530.0	504528.7	5408555.2	1032.50000	244.21	59.19	48.829958	-86.938293	56385.61	56394.4	-144.39	56241.21	56222.64063	56195.97561	56194.33594	504528.7	5408555.2
L4530.0	504528.7	5408556.8	1032.59998	243.85	59.28	48.829973	-86.938293	56386.32	56394.4	-144.40	56241.92	56223.42969	56196.21011	56194.52344	504528.7	5408556.8
L4530.0	504528.7	5408558.1	1032.69995	244.04	59.28	48.829985	-86.938294	56387.63	56394.4	-144.40	56243.23	56224.82031	56196.39985	56194.66797	504528.7	5408558.1
L4530.0	504528.7	5408559.8	1032.80005	244.24	64.33	48.830000	-86.938294	56388.34	56394.4	-144.40	56243.94	56225.61719	56196.62450	56194.84375	504528.7	5408559.8
L4530.0	504528.7	5408560.9	1032.90002	245.70	58.13	48.830010	-86.938294	56388.95	56394.4	-144.40	56244.55	56226.31641	56196.85040	56195.01953	504528.7	5408560.9
L4530.0	504528.7	5408562.1	1033.00000	246.55	60.85	48.830021	-86.938294	56389.69	56394.4	-144.40	56245.29	56227.15234	56197.06191	56195.17969	504528.7	5408562.1
L4530.0	504528.7	5408563.4	1033.09998	247.41	60.85	48.830033	-86.938294	56390.79	56394.4	-144.40	56246.38	56228.33984	56197.24404	56195.30859	504528.7	5408563.4
L4530.0	504528.7	5408564.7	1033.19995	247.36	61.6	48.830044	-86.938294	56391.84	56394.4	-144.41	56247.43	56229.49219	56197.42246	56195.43359	504528.7	5408564.7
L4530.0	504528.7	5408564.7	1033.30005	247.46	60.81	48.830044	-86.938294	56392.86	56394.4	-144.42	56248.44	56230.60547	56197.59687	56195.55078	504528.7	5408564.7
L4530.0	504528.7	5408567.1	1033.40002	246.67	60.81	48.830065	-86.938294	56393.21	56394.4	-144.42	56248.79	56231.06641	56197.80829	56195.70703	504528.7	5408567.1
L4530.0	504528.7	5408567.1	1033.50000	247.01	60	48.830065	-86.938294	56394.18	56394.4	-144.43	56249.76	56232.14844	56197.97107	56195.81250	504528.7	5408567.1
L4530.0	504528.7	5408569.2	1033.59998	247.36	62.06	48.830085	-86.938294	56394.97	56394.4	-144.43	56250.54	56233.04297	56198.13891	56195.92188	504528.7	5408569.2
L4530.0	504528.7	5408570.7	1033.69995	246.73	62.06	48.830098	-86.938294	56395.92	56394.4	-144.43	56251.48	56234.10156	56198.28817	56196.01172	504528.7	5408570.7
L4530.0	504528.7	5408570.7	1033.80005	246.29	64.35	48.830098	-86.938294	56396.64	56394.4	-144.44	56252.20	56234.94531	56198.44388	56196.10938	504528.7	5408570.7
L4530.0	504528.7	5408572.2	1033.90002	246.28	64.35	48.830112	-86.938294	56397.55	56394.4	-144.44	56253.11	56235.98438	56198.57841	56196.18359	504528.7	5408572.2
L4530.0	504528.7	5408573.6	1034.00000	245.66	65.44	48.830124	-86.938294	56398.42	56394.4	-144.45	56253.97	56236.97266	56198.70749	56196.25000	504528.7	5408573.6
L4530.0	504528.7	5408575.0	1034.09998	247.00	65.8	48.830136	-86.938294	56399.18	56394.4	-144.45	56254.73	56237.86719	56198.83415	56196.31250	504528.7	5408575.0
L4530.0	504528.6	5408576.4	1034.19995	245.86	65.8	48.830149	-86.938294	56399.75	56394.4	-144.45	56255.30	56238.57422	56198.96413	56196.37891	504528.6	5408576.4
L4530.0	504528.6	5408576.4	1034.30005	244.16	66.16	48.830149	-86.938294	56400.38	56394.4	-144.45	56255.93	56239.34375	56199.08047	56196.42969	504528.6	5408576.4
L4530.0	504528.6	5408578.5	1034.40002	243.25	66.24	48.830168	-86.938294	56401.18	56394.4	-144.45	56256.73	56240.28516	56199.17559	56196.45703	504528.6	5408578.5
L4530.0	504528.6	5408579.5	1034.50000	246.26	66.24	48.830177	-86.938294	56401.58	56394.4	-144.45	56257.13	56240.83203	56199.28722	56196.50000	504528.6	5408579.5
L4530.0	504528.6	5408579.5	1034.59998	248.34	66.24	48.830177	-86.938294	56402.50	56394.4	-144.45	56258.05	56241.89844	56199.35378	56196.50000	504528.6	5408579.5
L4530.0	504528.6	5408582.4	1034.69995	250.24	66.49	48.830203	-86.938295	56403.29	56394.4	-144.45	56258.84	56242.83984	56199.41836	56196.49609	504528.6	5408582.4
L4530.0	504528.6	5408582.4	1034.80005	249.55	55.11	48.830203	-86.938295	56403.44	56394.4	-144.45	56258.99	56243.14453	56199.51474	56196.51953	504528.6	5408582.4
L4530.0	504528.6	5408583.9	1034.90002	248.15	55.11	48.830217	-86.938295	56404.29	56394.4	-144.45	56259.84	56244.15234	56199.55334	56196.48828	504528.6	5408583.9
L4530.0	504528.6	5408585.4	1035.00000	248.37	59.35	48.830230	-86.938295	56404.49	56394.4	-144.45	56260.04	56244.51172	56199.62395	56196.48438	504528.6	5408585.4
L4530.0	504528.6	5408586.9	1035.09998	248.09	57.11	48.830244	-86.938295	56404.90	56394.5	-144.45	56260.44	56245.07031	56199.66970	56196.45703	504528.6	5408586.9
L4530.0	504528.6	5408586.9	1035.19995	248.11	57.73	48.830244	-86.938295	56405.64	56394.5	-144.46	56261.18	56245.97656	56199.68106	56196.39453	504528.6	5408586.9
L4530.0	504528.6	5408588.5	1035.30005	246.94	60.26	48.830258	-86.938295	56406.07	56394.5	-144.46	56261.61	56246.57422	56199.70118	56196.33984	504528.6	5408588.5
L4530.0	504528.6	5408589.9	1035.40002	247.79	60.26	48.830271	-86.938295	56406.31	56394.5	-144.47	56261.83	56246.96094	56199.72320	56196.28906	504528.6	5408589.9
L4530.0	504528.6	5408591.4	1035.50000	248.27	59.49	48.830284	-86.938295	56406.54	56394.5	-144.47	56262.06	56247.36328	56199.73231	56196.21875	504528.6	5408591.4
L4530.0	504528.6	5408592.8	1035.59998	250.46	64.81	48.830297	-86.938295	56407.43	56394.5	-144.48	56262.95	56248.42578	56199.68500	56196.09375	504528.6	5408592.8

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4530.0	504528.6	5408594.1	1035.69995	249.85	62.35	48.830309	-86.938294	56407.38	56394.5	-144.49	56262.89	56248.53906	56199.68848	56196.01953	504528.6	5408594.1
L4530.0	504528.6	5408594.1	1035.80005	250.23	62.35	48.830309	-86.938294	56407.43	56394.5	-144.49	56262.94	56248.76953	56199.67194	56195.92578	504528.6	5408594.1
L4530.0	504528.6	5408595.7	1035.90002	249.03	63.33	48.830323	-86.938294	56407.86	56394.5	-144.50	56263.36	56249.36719	56199.61792	56195.78906	504528.6	5408595.7
L4530.0	504528.7	5408597.1	1036.00000	248.42	58.94	48.830335	-86.938294	56408.19	56394.5	-144.50	56263.69	56249.87891	56199.55699	56195.64844	504528.7	5408597.1
L4530.0	504528.7	5408598.4	1036.09998	248.03	61.18	48.830348	-86.938293	56408.24	56394.5	-144.49	56263.75	56250.12109	56199.50105	56195.51172	504528.7	5408598.4
L4530.0	504528.7	5408599.9	1036.19995	247.69	61.18	48.830360	-86.938293	56408.27	56394.5	-144.48	56263.79	56250.34375	56199.43334	56195.36328	504528.7	5408599.9
L4530.0	504528.7	5408599.9	1036.30005	247.45	60.01	48.830360	-86.938293	56408.40	56394.5	-144.48	56263.92	56250.66016	56199.34646	56195.19141	504528.7	5408599.9
L4530.0	504528.7	5408601.6	1036.40002	247.89	60.01	48.830376	-86.938293	56408.29	56394.5	-144.47	56263.82	56250.74609	56199.26169	56195.02344	504528.7	5408601.6
L4530.0	504528.7	5408603.1	1036.50000	248.77	58.47	48.830390	-86.938293	56408.40	56394.5	-144.46	56263.94	56251.05469	56199.14896	56194.82813	504528.7	5408603.1
L4530.0	504528.7	5408603.1	1036.59998	248.49	58.47	48.830390	-86.938293	56407.84	56394.5	-144.45	56263.38	56250.68359	56199.06824	56194.66406	504528.7	5408603.1
L4530.0	504528.8	5408604.7	1036.69995	247.06	58.11	48.830403	-86.938292	56407.78	56394.4	-144.44	56263.34	56250.83594	56198.93952	56194.44922	504528.8	5408604.7
L4530.0	504528.8	5408606.0	1036.80005	246.21	57.37	48.830416	-86.938292	56407.96	56394.4	-144.44	56263.53	56251.21484	56198.78210	56194.20703	504528.8	5408606.0
L4530.0	504528.8	5408607.3	1036.90002	244.73	57.37	48.830427	-86.938292	56407.96	56394.4	-144.43	56263.53	56251.41016	56198.62399	56193.96094	504528.8	5408607.3
L4530.0	504528.8	5408608.5	1037.00000	245.07	57.37	48.830438	-86.938292	56407.43	56394.4	-144.42	56263.01	56251.08203	56198.48719	56193.73828	504528.8	5408608.5
L4530.0	504528.8	5408609.7	1037.09998	245.31	57.62	48.830449	-86.938291	56407.73	56394.4	-144.42	56263.31	56251.57813	56198.28239	56193.44531	504528.8	5408609.7
L4530.0	504528.8	5408611.2	1037.19995	245.13	57.41	48.830463	-86.938291	56407.09	56394.4	-144.43	56262.66	56251.12109	56198.12763	56193.20313	504528.8	5408611.2
L4530.0	504528.8	5408612.7	1037.30005	245.05	57.34	48.830476	-86.938291	56406.61	56394.4	-144.43	56262.18	56250.83594	56197.94828	56192.93750	504528.8	5408612.7
L4530.0	504528.8	5408612.7	1037.40002	246.25	56.8	48.830476	-86.938291	56406.56	56394.4	-144.44	56262.12	56250.97266	56197.72773	56192.62891	504528.8	5408612.7
L4530.0	504528.9	5408615.1	1037.50000	246.72	56.8	48.830497	-86.938291	56405.87	56394.4	-144.44	56261.43	56250.48047	56197.53604	56192.34766	504528.9	5408615.1
L4530.0	504528.9	5408615.1	1037.59998	247.74	55.08	48.830497	-86.938291	56406.28	56394.4	-144.45	56261.83	56251.07813	56197.25861	56191.98047	504528.9	5408615.1
L4530.0	504528.9	5408616.5	1037.69995	246.90	55.08	48.830510	-86.938291	56405.13	56394.5	-144.46	56260.67	56250.11328	56197.07220	56191.70703	504528.9	5408616.5
L4530.0	504528.9	5408618.2	1037.80005	248.32	55.68	48.830526	-86.938291	56405.03	56394.5	-144.46	56260.57	56250.21094	56196.80224	56191.34766	504528.9	5408618.2
L4530.0	504528.9	5408619.4	1037.90002	248.44	54.74	48.830537	-86.938291	56404.44	56394.5	-144.47	56259.98	56249.82031	56196.55215	56191.00781	504528.9	5408619.4
L4530.0	504528.9	5408619.4	1038.00000	249.92	54.74	48.830537	-86.938291	56403.63	56394.5	-144.47	56259.15	56249.18750	56196.30538	56190.67188	504528.9	5408619.4
L4530.0	504528.9	5408621.6	1038.09998	250.11	54.94	48.830556	-86.938291	56403.19	56394.5	-144.47	56258.72	56248.95703	56196.01939	56190.29297	504528.9	5408621.6
L4530.0	504528.9	5408622.7	1038.19995	250.05	57.94	48.830566	-86.938291	56402.30	56394.5	-144.47	56257.83	56248.26172	56195.75163	56189.93750	504528.9	5408622.7
L4530.0	504528.8	5408624.2	1038.30005	249.13	57.94	48.830579	-86.938291	56401.79	56394.5	-144.47	56257.32	56247.95313	56195.44623	56189.53906	504528.8	5408624.2
L4530.0	504528.8	5408624.2	1038.40002	247.87	54.71	48.830579	-86.938291	56401.02	56394.5	-144.47	56256.56	56247.38672	56195.14534	56189.14844	504528.8	5408624.2
L4530.0	504528.8	5408626.8	1038.50000	248.29	54.71	48.830603	-86.938291	56400.82	56394.5	-144.46	56256.36	56247.38672	56194.79511	56188.70703	504528.8	5408626.8
L4530.0	504528.8	5408628.3	1038.59998	248.11	55.33	48.830616	-86.938291	56399.57	56394.5	-144.46	56255.10	56246.32422	56194.50367	56188.32422	504528.8	5408628.3
L4530.0	504528.8	5408628.3	1038.69995	247.64	55.3	48.830616	-86.938291	56399.34	56394.5	-144.46	56254.87	56246.28906	56194.13187	56187.86328	504528.8	5408628.3
L4530.0	504528.8	5408629.5	1038.80005	247.38	55.3	48.830627	-86.938292	56398.24	56394.5	-144.46	56253.78	56245.39453	56193.80587	56187.44531	504528.8	5408629.5
L4530.0	504528.8	5408631.0	1038.90002	246.45	58.8	48.830641	-86.938292	56397.75	56394.5	-144.46	56253.29	56245.10156	56193.42849	56186.97656	504528.8	5408631.0
L4530.0	504528.8	5408632.7	1039.00000	247.03	58.55	48.830656	-86.938292	56397.42	56394.5	-144.46	56252.96	56244.96484	56193.02925	56186.48828	504528.8	5408632.7
L4530.0	504528.7	5408633.7	1039.09998	246.56	58.55	48.830665	-86.938292	56396.38	56394.5	-144.46	56251.92	56244.11719	56192.66633	56186.03516	504528.7	5408633.7
L4530.0	504528.7	5408633.7	1039.19995	244.70	58.69	48.830665	-86.938292	56395.43	56394.5	-144.46	56250.97	56243.36328	56192.28658	56185.56641	504528.7	5408633.7
L4530.0	504528.7	5408635.2	1039.30005	244.44	59.67	48.830678	-86.938293	56394.44	56394.5	-144.46	56249.98	56242.56250	56191.89885	56185.08594	504528.7	5408635.2
L4530.0	504528.7	5408636.8	1039.40002	245.20	60.18	48.830693	-86.938293	56394.13	56394.5	-144.46	56249.67	56242.44531	56191.45533	56184.55469	504528.7	5408636.8
L4530.0	504528.7	5408638.4	1039.50000	245.62	60.18	48.830707	-86.938293	56393.16	56394.5	-144.46	56248.70	56241.66406	56191.04555	56184.05469	504528.7	5408638.4
L4530.0	504528.7	5408639.4	1039.59998	247.34	60.18	48.830716	-86.938293	56392.14	56394.5	-144.46	56247.68	56240.83594	56190.62904	56183.54688	504528.7	5408639.4
L4530.0	504528.7	5408640.9	1039.69995	246.32	63.26	48.830729	-86.938293	56391.42	56394.5	-144.46	56246.96	56240.30469	56190.18266	56183.01172	504528.7	5408640.9
L4530.0	504528.7	5408640.9	1039.80005	245.47	63.76	48.830729	-86.938293	56390.46	56394.5	-144.46	56246.00	56239.53125	56189.74263	56182.48438	504528.7	5408640.9
L4530.0	504528.6	5408642.7	1039.90002	246.02	64.31	48.830745	-86.938293	56389.59	56394.5	-144.46	56245.13	56238.84766	56189.28715	56181.93750	504528.6	5408642.7
L4530.0	504528.6	5408644.1	1040.00000	248.01	64.31	48.830758	-86.938294	56389.08	56394.5	-144.46	56244.62	56238.52344	56188.79842	56181.36328	504528.6	5408644.1
L4530.0	504528.6	5408644.1	1040.09998	249.87	63.74	48.830758	-86.938294	56387.77	56394.5	-144.46	56243.31	56237.39453	56188.35399	56180.82813	504528.6	5408644.1
L4530.0	504528.6	5408646.6	1040.19995	247.65	63.74	48.830781	-86.938294	56386.96	56394.5	-144.46	56242.50	56236.76953	56187.86741	56180.25391	504528.6	5408646.6
L4530.0	504528.6	5408647.9	1040.30005	246.57	63.9	48.830793	-86.938294	56386.22	56394.5	-144.46	56241.76	56236.20703	56187.36755	56179.66797	504528.6	5408647.9
L4530.0	504528.6	5408647.9	1040.40002	248.26	63.9	48.830793	-86.938294	56385.18	56394.5	-144.46	56240.71	56235.33594	56186.87997	56179.09375	504528.6	5408647.9
L4530.0	504528.6	5408649.6	1040.50000	249.45	62.48	48.830808	-86.938294	56383.62	56394.5	-144.46	56239.16	56233.96484	56186.41756	56178.54688	504528.6	5408649.6
L4530.0	504528.6	5408651.0	1040.59998	249.15	62.48	48.830820	-86.938294	56383.11	56394.5	-144.47	56238.64	56233.62109	56185.87852	56177.92188	504528.6	5408651.0
L4530.0	504528.6	5408651.0	1040.69995	247.85	61.09	48.830820	-86.938294	56382.21	56394.5	-144.47	56237.75	56232.90625	56185.35642	56177.31641	504528.6	5408651.0
L4530.0	504528.6	5408652.5	1040.80005	249.03	59.87	48.830834	-86.938294	56380.73	56394.5	-144.47	56236.27	56231.60156	56184.86615	56176.73828	504528.6	5408652.5
L4530.0	504528.6	5408653.8	1040.90002	248.00	59.87	48.830846	-86.938294	56379.43	56394.5	-144.47	56234.96	56230.46094	56184.35725	56176.14844	504528.6	5408653.8
L4530.0	504528.6	5408655.6	1041.00000	247.05	63.01	48.830862	-86.938294	56378.79	56394.5	-144.47	56234.32	56229.99219	56183.79661	56175.50391	504528.6	5408655.6
L4530.0	504528.6	5408655.6	1041.09998	247.50	62.89	48.830862	-86.938294	56377.59	56394.5	-144.47	56233.12	56228.96094	56183.26647	56174.89063	504528.6	5408655.6
L4530.0	504528.6	5408657.1	1041.19995	247.70	62.89	48.830876	-86.938294	56376.50	56394.5	-144.47	56232.02	56228.02734	56182.72303	56174.26563	504528.6	5408657.1
L4530.0	504528.6	5408658.3	1041.30005	248.03	62.89	48.830886	-86.938294	56375.75	56394.5	-144.47	56231.28	56227.45313	56182.14918	56173.60938	504528.6	5408658.3
L4530.0	504528.6	5408659.7	1041.40002	249.40	57.44	48.830899	-86.938294	56374.61	56394.5	-144.47	56230.13	56226.46484	56181.59648	56172.97656	504528.6	5408659.7
L4530.0	504528.6	5408661.1	1041.50000	250.67	54.97	48.830911	-86.938294	56373.56	56394.5	-144.47	56229.09	56225.58594	56181.03048	56172.33203	504528.6	5408661.1
L4530.0	504528.6	5408662.5	1041.59998	250.48	54.97	48.830924	-86.938293	56372.16	56394.5	-144.48	56227.68	56224.33594	56180.48340	56171.70703	504528.6	5408662.5
L4530.0	504528.6	5408662.5	1041.69995	250.97	55.37	48.830924	-86.938293	56371.04	56394.5	-144.48	56226.56	56223.37109	56179.91145	56171.05469	504528.6	5408662.5
L4530.0	504528.7	5408664.7	1041.80005	249.24	55.37	48.830944	-86.938293	56370.22	56394.5	-144.48	56225.74	56222.70703	56179.31418	56170.38281	504528.7	5408664.7
L4530.0	504528.7	5408666.0	1041.90002	248.16	59.59	48.830955	-86.938293	56369.14	56394.5	-144.48	56224.67	56221.78906	56178.72847	56169.71875	504528.7	5408666.0
L4530.0	504528.7	5408667.2	1042.00000	247.47	64.22	48.830966	-86.938293	56367.97	56394.5	-144.48	56223.49	56220.76172	56178.14519	56169.06250	504528.7	5408667.2
L4530.0	504528.7	5408667.2	1042.09998	247.97	64.22	48.830966	-86.938293	56367.03	56394.5	-144.48	56222.55	56219.97266	56177.54122	56168.38281	504528.7	5408667.2
L4530.0	504528.7	5408668.9	1042.19995	248.08	56.42	48.830981	-86.938293	56365.86	56394.5	-144.48	56221.38	56218.94922	56176.94808	56167.71484	504528.7	5408668.9
L4530.0	504528.7	5408670.3	1042.30005	249.03	56.42	48.830994	-86.938292	56364.96	56394.5	-144.48	56220.48	56218.19531	56176.33266	56167.02734	504528.7	5408670.3
L4530.0	504528.7	5408671.8	1042.40002	247.90	56.01	48.831008	-86.938292	56363.74	56394.5	-144.48	56219.26	56217.11719	56175.73447	56166.35547	504528.7	5408671.8
L4530.0	504528.7	5408672.9	1042.50000	246.69	56.01	48.831017	-86.938292	56362.43	56394.5	-144.48	56217.95	56215.94922	56175.13838	56165.69141	504528.7	5408672.9
L4530.0	504528.7	5408672.9	1042.59998	246.73	60.59	48.831017	-86.938292	56361.41	56394.5	-144.48	56216.93	56215.07031	56174.51925	56165.00000	504528.7	5408672.9
L4530.0	504528.7	5408674.3	1042.69995	247.66	53.58	48.831030	-86.938292	56360.06	56394.5	-144.48	56215.58	56213.85547	56173.91858	56164.33203	504528.7	5408674.3
L4530.0	504528.7	5408675.9	1042.80005	247.21	53.58	48.831044	-86.938292	56359.45	56394.5	-144.48	56214.96	56213.37109	56173.26589	56163.61328	504528.7	5408675.9
L4530.0	504528.7	5408677.5	1042.90002	247.31	59.02	48.831059	-86.938292	56358.12	56394.5	-144.48	56213.64	56212.18359	56172.65669	56162.93750	504528.7	5408677.5
L4530.0	504528.7	5408677.5	1043.00000	247.97	65.87	48.831059	-86.938292	56357.00	56394.5	-144.48	56212.52	56211.19531	56172.03115	56162.24609	504528.7	5408677.5
L4530.0	504528.8	5408678.9	1043.09998	246.81	65.87	48.831072	-86.938292	56355.95	56394.5	-144.48	56211.47	56210.27344	56171.39810	56161.54688	504528.8	5408678.9
L4530.0	504528.8	5408681.2	1043.19995	246.80	65.98	48.831092	-86.938291	56355.04	56394.5	-144.48	56210.56	56209.48828	56170.75302	56160.83984	504528.8	5408681.2
L4530.0	504528.8	5408681.2	1043.30005	246.40	65.92	48.831092	-86.938291	56353.66	56394.5	-144.47	56209.19	56208.24219	56170.13607	56160.16016	504528.8	5408681.2
L4530.0	504528.8	5408682.6	1043.40002	244.86	65.92	48.831105	-86.938291	56352.45	56394.5	-144.47	56207.98	56207.15625	56169.50606	56159.46875	504528.8	5408682.6
L4530.0	504528.8	5408683.8	1043.50000	244.86	65.63	48.831115	-86.938291	56351.28	56394.5	-144.47	56206.81	56206.10547	56168.87112	56158.77344	504528.8	5408683.8
L4530.0	504528.8	5408685.3	1043.59998	244.03	61.24	48.831129	-86.938291	56349.75	56394.5	-144.47	56205.28	56204.69141	56168.25807	56158.10156	504528.8	5408685.3
L4530.0	504528.8	5408686.6	1043.69995	243.66	61.24	48.831141	-86.938291	56349.44	56394.5	-144.47	56204.97	56204.49609	56167.56168	56157.34766	504528.8	5408686.6
L4530.0	504528.8	5408686.6	1043.80005	243.53	59.98	48.831141	-86.938291	56348.22	56394.5	-144.46	56203.75	56203.39063	56166.92407	56156.65234	504528.8	5408686.6
L4530.0	504528.8	5408689.7	1043.90002	243.20	59.98	48.831168	-86.938291	56347.74	56394.5	-144.46	56203.28	56203.03125	56166.23469	56155.90625	504528.8	5408689.7
L4530.0	504528.8	5408689.7	1044.00000	247.06	62.75	48.831168	-86.938291	56346.74	56394.5	-144.46	56202.28	56202.13672	56165.57898	56155.19922	504528.8	5408689.7
L4530.0	504528.8	5408690.7	1044.09998	246.41	62.75	48.831178	-86.938291	56345.48	56394.5	-144.46	56201.03	56200.99609	56164.93835	56154.50391	504528.8	5408690.7
L4530.0	504528.7	5408692.1	1044.19995	246.61	64.02	48.831190	-86.938292	56344.55	56394.5	-144.45	56200.09	56200.15625	56164.27558	56153.78906	504528.7	5408692.1
L4530.0	504528.7	5408693.3	1044.30005	246.40	63.84	48.831201	-86.938292	56343.81	56394.5	-144.45	56199.35	56199.51953	56163.59807	56153.06250	504528.7	5408693.3
L4530.0	504528.7	5408694.6	1044.40002	247.27	63.84	48.831213	-86.938292	56342.76	56394.4	-144.45	56198.31	56198.57813	56162.93922	56152.35547	504528.7	5408694.6
L4530.0	504528.7	5408694.6	1044.50000	247.78	63.72	48.831213	-86.938292	56341.64	56394.4	-144.44	56197.19	56197.55469	56162.28444	56151.65234	504528.7	5408694.6
L4530.0	504528.7	5408696.3	1044.59998	248.99	63.01	48.831228	-86.938292	56340.71	56394.4	-144.44	56196.27	56196.73047	56161.61512	56150.93359	504528.7	5408696.3
L4530.0	504528.7	5408697.6	1044.69995	247.33	63.01	48.831239	-86.938292	56339.88	56394.4	-144.44	56195.44	56195.99219	56160.93865	56150.21484	504528.7	5408697.6
L4530.0	504528.7	5408699.4	1044.80005	249.41	60.69	48.831255	-86.938292	56338.88	56394.4	-144.44	56194.44	56195.08203	56160.27239	56149.50391	504528.7	5408699.4
L4530.0	504528.7	5408700.2	1044.90002	251.03	63.57	48.831263	-86.938293	56338.24	56394.4	-144.43	56193.81	56194.53906	56159.58039	56148.76953	504528.7	5408700.2

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4530.0	504528.7	5408701.6	1045.00000	251.26	63.57	48.831276	-86.938293	56337.09	56394.4	-144.43	56192.66	56193.47266	56158.92200	56148.07031	504528.7	5408701.6
L4530.0	504528.7	5408701.6	1045.09998	251.27	62.97	48.831276	-86.938293	56336.15	56394.4	-144.43	56191.72	56192.61719	56158.24860	56147.35547	504528.7	5408701.6
L4530.0	504528.6	5408703.3	1045.19995	250.74	63.46	48.831290	-86.938293	56335.31	56394.4	-144.43	56190.88	56191.85547	56157.56751	56146.63672	504528.6	5408703.3
L4530.0	504528.6	5408704.7	1045.30005	250.20	63.62	48.831303	-86.938293	56334.48	56394.4	-144.42	56190.06	56191.11328	56156.88409	56145.91406	504528.6	5408704.7
L4530.0	504528.6	5408706.1	1045.40002	249.66	63.62	48.831316	-86.938293	56333.83	56394.4	-144.42	56189.41	56190.53906	56156.18834	56145.18359	504528.6	5408706.1
L4530.0	504528.6	5408707.4	1045.50000	249.58	61.21	48.831328	-86.938293	56332.81	56394.4	-144.42	56188.38	56189.58203	56155.51691	56144.47656	504528.6	5408707.4
L4530.0	504528.6	5408707.4	1045.59998	248.19	61.21	48.831328	-86.938293	56332.02	56394.4	-144.42	56187.60	56188.87500	56154.82781	56143.75391	504528.6	5408707.4
L4530.0	504528.6	5408709.1	1045.69995	245.05	61.81	48.831343	-86.938293	56331.09	56394.4	-144.42	56186.67	56188.01172	56154.14768	56143.04297	504528.6	5408709.1
L4530.0	504528.6	5408710.7	1045.80005	245.26	63.72	48.831357	-86.938293	56330.28	56394.4	-144.41	56185.86	56187.26953	56153.45849	56142.32422	504528.6	5408710.7
L4530.0	504528.6	5408712.2	1045.90002	246.66	63.72	48.831371	-86.938294	56329.62	56394.4	-144.41	56185.20	56186.67188	56152.75822	56141.59375	504528.6	5408712.2
L4530.0	504528.6	5408712.2	1046.00000	246.58	59.02	48.831371	-86.938294	56328.98	56394.4	-144.41	56184.57	56186.10156	56152.05483	56140.86328	504528.6	5408712.2
L4530.0	504528.6	5408713.6	1046.09998	247.63	62.42	48.831384	-86.938294	56327.81	56394.4	-144.41	56183.40	56184.99219	56151.38629	56140.16797	504528.6	5408713.6
L4530.0	504528.6	5408715.2	1046.19995	246.39	62.42	48.831397	-86.938294	56327.32	56394.4	-144.40	56182.92	56184.56641	56150.67055	56139.42578	504528.6	5408715.2
L4530.0	504528.6	5408717.0	1046.30005	246.99	61.2	48.831414	-86.938294	56326.52	56394.4	-144.40	56182.12	56183.82031	56149.97489	56138.70703	504528.6	5408717.0
L4530.0	504528.6	5408718.3	1046.40002	249.00	61.42	48.831425	-86.938294	56325.51	56394.4	-144.40	56181.11	56182.86328	56149.29193	56138.00391	504528.6	5408718.3
L4530.0	504528.6	5408718.3	1046.50000	249.42	61.42	48.831425	-86.938294	56324.76	56394.4	-144.40	56180.37	56182.17188	56148.58961	56137.27734	504528.6	5408718.3
L4530.0	504528.6	5408719.7	1046.59998	248.16	60.81	48.831438	-86.938294	56323.98	56394.4	-144.39	56179.58	56181.42578	56147.88918	56136.55859	504528.6	5408719.7
L4530.0	504528.6	5408721.0	1046.69995	246.63	63.24	48.831450	-86.938293	56323.23	56394.4	-144.39	56178.85	56180.74219	56147.18326	56135.83594	504528.6	5408721.0
L4530.0	504528.6	5408722.7	1046.80005	246.19	63.24	48.831465	-86.938293	56322.36	56394.4	-144.39	56177.98	56179.91406	56146.48511	56135.12109	504528.6	5408722.7
L4530.0	504528.6	5408723.9	1046.90002	246.43	57.64	48.831476	-86.938293	56321.73	56394.4	-144.38	56177.35	56179.32031	56145.76930	56134.39063	504528.6	5408723.9
L4530.0	504528.6	5408725.1	1047.00000	245.54	63.08	48.831487	-86.938293	56320.88	56394.4	-144.38	56176.50	56178.50781	56145.06644	56133.67188	504528.6	5408725.1
L4530.0	504528.6	5408725.1	1047.09998	245.34	63.08	48.831487	-86.938293	56320.25	56394.4	-144.38	56175.87	56177.91406	56144.34709	56132.94141	504528.6	5408725.1
L4530.0	504528.6	5408727.0	1047.19995	245.79	61.22	48.831504	-86.938293	56319.28	56394.4	-144.37	56174.91	56176.98438	56143.64784	56132.23047	504528.6	5408727.0
L4530.0	504528.6	5408728.4	1047.30005	248.17	61.22	48.831517	-86.938293	56318.46	56394.4	-144.37	56174.09	56176.19141	56142.93726	56131.51172	504528.6	5408728.4
L4530.0	504528.6	5408729.6	1047.40002	250.35	65.58	48.831528	-86.938293	56317.47	56394.4	-144.36	56173.11	56175.23828	56142.23526	56130.80078	504528.6	5408729.6
L4530.0	504528.6	5408731.1	1047.50000	250.94	65.58	48.831541	-86.938293	56317.08	56394.4	-144.36	56172.72	56174.87109	56141.49174	56130.05078	504528.6	5408731.1
L4530.0	504528.6	5408731.1	1047.59998	248.77	65.74	48.831541	-86.938293	56316.49	56394.4	-144.36	56172.14	56174.31250	56140.75859	56129.31250	504528.6	5408731.1
L4530.0	504528.6	5408732.6	1047.69995	247.46	65.74	48.831554	-86.938293	56315.18	56394.4	-144.35	56170.82	56173.01172	56140.07237	56128.62109	504528.6	5408732.6
L4530.0	504528.6	5408734.2	1047.80005	246.40	66	48.831569	-86.938293	56314.36	56394.3	-144.35	56170.01	56172.21875	56139.34965	56127.89844	504528.6	5408734.2
L4530.0	504528.6	5408734.2	1047.90002	246.40	66	48.831569	-86.938293	56314.42	56394.3	-144.34	56170.08	56172.30078	56138.56565	56127.11328	504528.6	5408734.2
L4530.0	504528.6	5408735.5	1048.00000	245.61	65.91	48.831581	-86.938293	56313.39	56394.3	-144.34	56169.05	56171.28125	56137.85226	56126.39844	504528.6	5408735.5
L4530.0	504528.6	5408737.0	1048.09998	245.83	66.23	48.831594	-86.938292	56312.34	56394.3	-144.34	56167.99	56170.23047	56137.13803	56125.68750	504528.6	5408737.0
L4530.0	504528.7	5408738.4	1048.19995	245.92	66.23	48.831607	-86.938292	56311.55	56394.3	-144.35	56167.20	56169.44531	56136.40283	56124.95313	504528.7	5408738.4
L4530.0	504528.7	5408740.3	1048.30005	245.93	65.3	48.831624	-86.938292	56310.81	56394.3	-144.35	56166.46	56168.70703	56135.66123	56124.21484	504528.7	5408740.3
L4530.0	504528.7	5408741.6	1048.40002	247.74	65.3	48.831636	-86.938292	56310.25	56394.4	-144.35	56165.89	56168.14063	56134.90511	56123.46484	504528.7	5408741.6
L4530.0	504528.7	5408741.6	1048.50000	248.27	59.89	48.831636	-86.938292	56309.78	56394.4	-144.36	56165.43	56167.67578	56134.13834	56122.70703	504528.7	5408741.6
L4530.0	504528.7	5408743.1	1048.59998	248.77	62.52	48.831649	-86.938292	56308.71	56394.4	-144.36	56164.36	56166.60156	56133.40880	56121.98438	504528.7	5408743.1
L4530.0	504528.7	5408744.9	1048.69995	247.56	62.52	48.831665	-86.938292	56307.62	56394.4	-144.36	56163.26	56165.49219	56132.67770	56121.26172	504528.7	5408744.9
L4530.0	504528.7	5408744.9	1048.80005	246.11	66.15	48.831665	-86.938292	56307.11	56394.4	-144.36	56162.74	56164.96094	56131.90427	56120.50000	504528.7	5408744.9
L4530.0	504528.7	5408746.4	1048.90002	245.93	66.15	48.831679	-86.938291	56306.60	56394.4	-144.37	56162.23	56164.43750	56131.12638	56119.73438	504528.7	5408746.4
L4530.0	504528.7	5408748.1	1049.00000	244.98	65.82	48.831694	-86.938291	56306.24	56394.4	-144.37	56161.87	56164.06250	56130.33457	56118.95703	504528.7	5408748.1
L4530.0	504528.7	5408749.8	1049.09998	244.23	65.82	48.831709	-86.938291	56305.36	56394.4	-144.36	56161.00	56163.17578	56129.57274	56118.21094	504528.7	5408749.8
L4530.0	504528.7	5408751.1	1049.19995	243.46	66.07	48.831721	-86.938291	56304.23	56394.4	-144.36	56159.87	56162.02344	56128.82409	56117.47656	504528.7	5408751.1
L4530.0	504528.7	5408752.3	1049.30005	245.20	66.4	48.831732	-86.938291	56303.40	56394.4	-144.35	56159.05	56161.17969	56128.05050	56116.72266	504528.7	5408752.3
L4530.0	504528.7	5408752.3	1049.40002	247.70	66.4	48.831732	-86.938291	56302.44	56394.3	-144.35	56158.09	56160.19141	56127.28188	56115.97266	504528.7	5408752.3
L4530.0	504528.7	5408753.6	1049.50000	249.00	66.4	48.831744	-86.938291	56301.79	56394.3	-144.34	56157.45	56159.51953	56126.48743	56115.19922	504528.7	5408753.6
L4530.0	504528.7	5408755.8	1049.59998	249.12	66.64	48.831763	-86.938291	56301.04	56394.3	-144.33	56156.70	56158.73828	56125.69572	56114.42578	504528.7	5408755.8
L4530.0	504528.7	5408755.8	1049.69995	250.45	67	48.831763	-86.938291	56299.93	56394.3	-144.33	56155.61	56157.61328	56124.92197	56113.67578	504528.7	5408755.8
L4530.0	504528.7	5408757.4	1049.80005	251.91	67	48.831777	-86.938291	56299.12	56394.3	-144.32	56154.79	56156.75391	56124.12542	56112.90234	504528.7	5408757.4
L4530.0	504528.7	5408759.0	1049.90002	249.12	60.5	48.831791	-86.938291	56298.23	56394.3	-144.32	56153.91	56155.83203	56123.32796	56112.12891	504528.7	5408759.0
L4530.0	504528.7	5408760.4	1050.00000	246.67	60.5	48.831805	-86.938292	56297.74	56394.3	-144.31	56153.43	56155.30859	56122.49883	56111.32813	504528.7	5408760.4
L4530.0	504528.7	5408760.4	1050.09998	247.36	62.65	48.831805	-86.938292	56296.36	56394.3	-144.30	56152.06	56153.89063	56121.72394	56110.57813	504528.7	5408760.4
L4530.0	504528.7	5408762.4	1050.19995	247.93	62.65	48.831822	-86.938292	56295.14	56394.3	-144.30	56150.84	56152.62109	56120.93386	56109.81641	504528.7	5408762.4
L4530.0	504528.7	5408763.8	1050.30005	249.43	63.07	48.831835	-86.938292	56294.40	56394.3	-144.29	56150.11	56151.83984	56120.10585	56109.01953	504528.7	5408763.8
L4530.0	504528.6	5408765.0	1050.40002	250.61	63.63	48.831846	-86.938292	56293.60	56394.3	-144.29	56149.31	56150.98438	56119.27715	56108.22266	504528.6	5408765.0
L4530.0	504528.6	5408765.0	1050.50000	250.80	64.36	48.831846	-86.938292	56292.13	56394.3	-144.28	56147.85	56149.46484	56118.48702	56107.46484	504528.6	5408765.0
L4530.0	504528.7	5408766.7	1050.59998	248.20	64.36	48.831861	-86.938292	56291.66	56394.3	-144.27	56147.39	56148.94141	56117.62473	56106.63672	504528.6	5408766.7
L4530.0	504528.6	5408768.0	1050.69995	247.23	62.32	48.831873	-86.938292	56290.59	56394.3	-144.27	56146.32	56147.80859	56116.79755	56105.83984	504528.6	5408768.0
L4530.0	504528.6	5408769.4	1050.80005	247.17	62.32	48.831885	-86.938292	56289.56	56394.3	-144.26	56145.29	56146.71094	56115.96206	56105.04297	504528.6	5408769.4
L4530.0	504528.6	5408770.8	1050.90002	247.23	57.57	48.831898	-86.938292	56288.61	56394.3	-144.26	56144.35	56145.69922	56115.11489	56104.23047	504528.6	5408770.8
L4530.0	504528.6	5408772.2	1051.00000	246.36	57.57	48.831911	-86.938292	56287.40	56394.3	-144.25	56143.15	56144.42578	56114.27932	56103.43359	504528.6	5408772.2
L4530.0	504528.6	5408772.2	1051.09998	246.21	50.9	48.831911	-86.938292	56286.43	56394.3	-144.25	56142.18	56143.37891	56113.42263	56102.61328	504528.6	5408772.2
L4530.0	504528.6	5408773.9	1051.19995	246.03	53.98	48.831926	-86.938292	56285.32	56394.3	-144.26	56141.06	56142.17969	56112.57011	56101.80078	504528.6	5408773.9
L4530.0	504528.6	5408775.7	1051.30005	247.78	53.98	48.831942	-86.938292	56284.29	56394.3	-144.26	56140.03	56141.07031	56111.70573	56100.97656	504528.6	5408775.7
L4530.0	504528.7	5408777.0	1051.40002	246.74	62.2	48.831954	-86.938292	56283.22	56394.3	-144.27	56138.95	56139.90234	56110.83880	56100.15234	504528.7	5408777.0
L4530.0	504528.7	5408777.0	1051.50000	245.96	62.2	48.831954	-86.938292	56281.91	56394.3	-144.28	56137.64	56138.50391	56109.98129	56099.33594	504528.7	5408777.0
L4530.0	504528.7	5408779.1	1051.59998	243.76	60.21	48.831972	-86.938292	56281.08	56394.3	-144.28	56136.80	56137.57422	56109.08651	56098.48438	504528.7	5408779.1
L4530.0	504528.7	5408780.0	1051.69995	244.68	60.21	48.831981	-86.938292	56279.52	56394.3	-144.29	56135.23	56135.91016	56108.23446	56097.67578	504528.7	5408780.0
L4530.0	504528.7	5408781.4	1051.80005	246.34	59.66	48.831993	-86.938291	56278.80	56394.3	-144.29	56134.51	56135.09375	56107.31979	56096.80859	504528.7	5408781.4
L4530.0	504528.7	5408781.4	1051.90002	246.07	62.93	48.831993	-86.938291	56276.74	56394.3	-144.30	56132.44	56132.92188	56106.48919	56096.02344	504528.7	5408781.4
L4530.0	504528.7	5408782.9	1052.00000	245.87	54.67	48.832006	-86.938291	56276.58	56394.3	-144.30	56132.28	56132.66016	56105.52532	56095.10547	504528.7	5408782.9
L4530.0	504528.7	5408784.2	1052.09998	246.03	47.67	48.832018	-86.938291	56275.00	56394.3	-144.30	56130.69	56130.96484	56104.65086	56094.27734	504528.7	5408784.2
L4530.0	504528.7	5408785.5	1052.19995	245.69	47.67	48.832030	-86.938291	56273.12	56394.3	-144.30	56128.82	56128.98438	56103.78918	56093.46484	504528.7	5408785.5
L4530.0	504528.7	5408786.8	1052.30005	245.77	52.66	48.832042	-86.938291	56272.39	56394.3	-144.31	56128.09	56128.14453	56102.84565	56092.57031	504528.7	5408786.8
L4530.0	504528.7	5408788.6	1052.40002	246.28	61.85	48.832058	-86.938292	56271.25	56394.3	-144.31	56126.94	56126.87891	56101.92429	56091.69922	504528.7	5408788.6
L4530.0	504528.7	5408789.8	1052.50000	245.57	61.85	48.832069	-86.938292	56269.84	56394.3	-144.31	56125.53	56125.35156	56101.01450	56090.83984	504528.7	5408789.8
L4530.0	504528.7	5408789.8	1052.59998	244.58	61.06	48.832069	-86.938292	56268.24	56394.3	-144.31	56123.93	56123.63281	56100.11166	56089.98828	504528.7	5408789.8
L4530.0	504528.6	5408791.4	1052.69995	245.48	62.25	48.832083	-86.938292	56267.11	56394.3	-144.31	56122.80	56122.37891	56099.17184	56089.10156	504528.6	5408791.4
L4530.0	504528.6	5408793.2	1052.80005	245.39	62.25	48.832100	-86.938292	56265.41	56394.3	-144.32	56121.09	56120.54297	56098.26511	56088.24609	504528.6	5408793.2
L4530.0	504528.6	5408793.2	1052.90002	246.73	58.77	48.832100	-86.938292	56264.26	56394.3	-144.32	56119.94	56119.26563	56097.31555	56087.35156	504528.6	5408793.2
L4530.0	504528.6	5408794.8	1053.00000	245.38	58.73	48.832114	-86.938293	56262.83	56394.3	-144.32	56118.51	56117.70313	56096.37926	56086.46875	504528.6	5408794.8
L4530.0	504528.6	5408796.4	1053.09998	246.54	58.73	48.832129	-86.938293	56261.77	56394.3	-144.31	56117.46	56116.51953	56095.41234	56085.55469	504528.6	5408796.4
L4530.0	504528.6	5408797.3	1053.19995	246.53	59.97	48.832136	-86.938293	56259.46	56394.3	-144.31	56115.15	56114.07031	56094.52423	56084.72266	504528.6	5408797.3
L4530.0	504528.5	5408799.1	1053.30005	249.28	59.97	48.832152	-86.938293	56258.52	56394.3	-144.30	56114.22	56113.00391	56093.53905	56083.79297	504528.5	5408799.1
L4530.0	504528.5	5408799.1	1053.40002	248.94	60.98	48.832152	-86.938293	56257.21	56394.3	-144.30	56112.92	56111.55859	56092.57361	56082.88281	504528.5	5408799.1
L4530.0	504528.5	5408800.5	1053.50000	247.86	62.16	48.832165	-86.938294	56255.55	56394.3	-144.29	56111.26	56109.75391	56091.62737	56081.99609	504528.5	5408800.5
L4530.0	504528.5	5408801.8	1053.59998	246.21	58.41	48.832177	-86.938294	56253.92	56394.3	-144.28	56109.64	56107.98828	56090.67383	56081.09766	504528.5	5408801.8
L4530.0	504528.5	5408803.1	1053.69995	245.96	53.84	48.832189	-86.938294	56252.41	56394.3	-144.28	56108.14	56106.33594	56089.70782	56080.19141	504528.5	5408803.1
L4530.0	504528.5	5408804.7	1053.80005	245.95	46.76	48.832203	-86.938294	56250.66	56394.3	-144.27	56106.39	56104.43359	56088.75418	56079.29297	504528.5	5408804.7
L4530.0	504528.5	5408804.7	1053.90002	245.48	46.76	48.832203	-86.938294	56249.02	56394.3	-144.27	56104.75	56102.64063	56087.78910	56078.38672	504528.5	5408804.7
L4530.0	504528.5	5408807.9	1054.00000	245.59	52.8	48.832232	-86.938294	56247.23	56394.3	-144.26	56102.97	56100.70313	56086.82945	56077.48828	504528.5	5408807.9
L4530.0	504528.5	5408807.9	1054.09998	246.63	52.8	48.832232	-86.938294	56245.86	56394.3	-144.26	56101.60	56099.17188	56085.83877	56076.55469	504528.5	5408807.9
L4530.0	504528.5	5408809.4	1054.19995	247.36	58.65	48.832245	-86.938294	56244.20	56394.3	-144.25	56099.95	56097.36328	56084.86328	56075.64063	504528.5	5408809.4

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4530.0	504528.4	5408811.0	1054.30005	247.61	57.89	48.832259	-86.938294	56242.44	56394.2	-144.25	56098.19	56095.43750	56083.89190	56074.72656	504528.4	5408811.0
L4530.0	504528.4	5408812.1	1054.40002	246.58	57.89	48.832269	-86.938294	56240.39	56394.2	-144.24	56096.15	56093.23047	56082.93621	56073.83203	504528.4	5408812.1
L4530.0	504528.4	5408812.1	1054.50000	245.59	55.57	48.832269	-86.938294	56238.78	56394.2	-144.24	56094.54	56091.45313	56081.94913	56072.90625	504528.4	5408812.1
L4530.0	504528.4	5408813.7	1054.59998	246.03	58.64	48.832284	-86.938295	56236.82	56394.2	-144.23	56092.59	56089.33203	56080.98229	56072.00000	504528.4	5408813.7
L4530.0	504528.4	5408815.2	1054.69995	246.77	57.02	48.832297	-86.938295	56235.29	56394.2	-144.22	56091.06	56087.62891	56079.98530	56071.06250	504528.4	5408815.2
L4530.0	504528.4	5408816.6	1054.80005	246.72	57.02	48.832310	-86.938295	56233.76	56394.2	-144.22	56089.54	56085.93359	56078.98582	56070.12500	504528.4	5408816.6
L4530.0	504528.4	5408816.6	1054.90002	248.75	64.67	48.832310	-86.938295	56231.31	56394.2	-144.21	56087.10	56083.31641	56078.04615	56069.24609	504528.4	5408816.6
L4530.0	504528.4	5408818.5	1055.00000	248.83	64.67	48.832327	-86.938295	56229.66	56394.2	-144.21	56085.45	56081.48828	56077.05265	56068.31641	504528.4	5408818.5
L4530.0	504528.4	5408819.5	1055.09998	250.30	63.84	48.832336	-86.938295	56227.63	56394.2	-144.20	56083.43	56079.28906	56076.08299	56067.40625	504528.4	5408819.5
L4530.0	504528.4	5408820.8	1055.19995	250.39	63.84	48.832348	-86.938295	56225.59	56394.2	-144.20	56081.40	56077.07813	56075.11354	56066.50000	504528.4	5408820.8
L4530.0	504528.3	5408822.1	1055.30005	248.96	63.2	48.832360	-86.938296	56223.42	56394.2	-144.19	56079.23	56074.72266	56074.15335	56065.59766	504528.3	5408822.1
L4530.0	504528.3	5408823.3	1055.40002	249.20	63.2	48.832371	-86.938296	56222.05	56394.2	-144.19	56077.86	56073.16797	56073.14016	56064.64844	504528.3	5408823.3
L4530.0	504528.3	5408824.6	1055.50000	250.46	62.26	48.832382	-86.938296	56220.41	56394.2	-144.18	56076.23	56071.35156	56072.14505	56063.71484	504528.3	5408824.6
L4530.0	504528.3	5408825.7	1055.59998	248.58	62.26	48.832392	-86.938296	56218.56	56394.2	-144.17	56074.38	56069.31641	56071.16578	56062.79688	504528.3	5408825.7
L4530.0	504528.3	5408827.2	1055.69995	245.93	63.51	48.832405	-86.938296	56215.48	56394.2	-144.17	56071.31	56066.05469	56070.26947	56061.96094	504528.3	5408827.2
L4530.0	504528.3	5408827.2	1055.80005	244.83	61.58	48.832405	-86.938296	56214.19	56394.2	-144.16	56070.03	56064.58594	56069.25592	56061.00781	504528.3	5408827.2
L4530.0	504528.3	5408828.8	1055.90002	245.69	61.58	48.832420	-86.938296	56211.56	56394.2	-144.16	56067.40	56061.76563	56068.33494	56060.14844	504528.3	5408828.8
L4530.0	504528.3	5408830.0	1056.00000	246.80	60.67	48.832431	-86.938297	56210.02	56394.2	-144.15	56065.87	56060.04297	56067.34370	56059.21875	504528.3	5408830.0
L4530.0	504528.3	5408831.7	1056.09998	249.19	60.67	48.832446	-86.938297	56207.66	56394.1	-144.15	56063.51	56057.48828	56066.41137	56058.34766	504528.3	5408831.7
L4530.0	504528.2	5408833.1	1056.19995	247.36	61.64	48.832459	-86.938297	56205.06	56394.1	-144.15	56060.91	56054.69141	56065.49917	56057.49609	504528.2	5408833.1
L4530.0	504528.2	5408834.8	1056.30005	247.12	61.64	48.832474	-86.938297	56203.31	56394.1	-144.14	56059.17	56052.75781	56064.53429	56056.59375	504528.2	5408834.8
L4530.0	504528.2	5408834.8	1056.40002	247.96	62.53	48.832474	-86.938297	56200.98	56394.1	-144.14	56056.84	56050.23047	56063.61399	56055.73438	504528.2	5408834.8
L4530.0	504528.2	5408836.0	1056.50000	248.95	62.53	48.832485	-86.938297	56198.65	56394.1	-144.14	56054.51	56047.70703	56062.69949	56054.87891	504528.2	5408836.0
L4530.0	504528.2	5408837.8	1056.59998	249.35	63.1	48.832501	-86.938297	56196.84	56394.1	-144.14	56052.70	56045.69922	56061.75674	56053.99609	504528.2	5408837.8
L4530.0	504528.2	5408837.8	1056.69995	248.11	63.1	48.832501	-86.938297	56194.41	56394.1	-144.14	56050.27	56043.07031	56060.86235	56053.16406	504528.2	5408837.8
L4530.0	504528.2	5408839.4	1056.80005	247.36	63	48.832515	-86.938297	56192.06	56394.1	-144.13	56047.93	56040.53125	56059.96961	56052.33203	504528.2	5408839.4
L4530.0	504528.2	5408841.4	1056.90002	246.75	60.88	48.832533	-86.938298	56189.84	56394.1	-144.13	56045.70	56038.10547	56059.07782	56051.49609	504528.2	5408841.4
L4530.0	504528.2	5408841.4	1057.00000	245.71	60.88	48.832533	-86.938298	56187.34	56394.1	-144.13	56043.21	56035.41797	56058.21232	56050.69141	504528.2	5408841.4
L4530.0	504528.2	5408842.8	1057.09998	245.04	59.67	48.832546	-86.938298	56185.35	56394.1	-144.13	56041.22	56033.23047	56057.32310	56049.86328	504528.2	5408842.8
L4530.0	504528.1	5408844.5	1057.19995	244.82	59.67	48.832561	-86.938298	56182.90	56394.1	-144.13	56038.77	56030.58203	56056.47485	56049.07031	504528.1	5408844.5
L4530.0	504528.1	5408846.2	1057.30005	243.46	61.82	48.832576	-86.938298	56180.50	56394.1	-144.13	56036.37	56027.98438	56055.63427	56048.28906	504528.1	5408846.2
L4530.0	504528.2	5408848.0	1057.40002	244.20	61.82	48.832593	-86.938298	56178.02	56394.1	-144.13	56033.89	56025.30469	56054.81071	56047.52344	504528.2	5408848.0
L4530.0	504528.2	5408848.0	1057.50000	245.41	64.24	48.832593	-86.938298	56175.76	56394.1	-144.13	56031.63	56022.84766	56053.98490	56046.75391	504528.2	5408848.0
L4530.0	504528.2	5408849.3	1057.59998	245.71	64.24	48.832604	-86.938298	56173.22	56394.1	-144.13	56029.09	56020.11328	56053.19090	56046.01953	504528.2	5408849.3
L4530.0	504528.2	5408851.0	1057.69995	244.08	63.73	48.832620	-86.938298	56170.57	56394.1	-144.13	56026.44	56017.26563	56052.41810	56045.30078	504528.2	5408851.0
L4530.0	504528.2	5408852.2	1057.80005	245.15	64.1	48.832630	-86.938298	56168.86	56394.1	-144.13	56024.73	56015.35938	56051.59724	56044.53906	504528.2	5408852.2
L4530.0	504528.2	5408852.2	1057.90002	244.41	63.93	48.832630	-86.938298	56166.74	56394.1	-144.13	56022.61	56013.04688	56050.81907	56043.81641	504528.2	5408852.2
L4530.0	504528.2	5408854.0	1058.00000	245.59	63.93	48.832646	-86.938298	56164.18	56394.1	-144.13	56020.05	56010.29297	56050.08632	56043.13672	504528.2	5408854.0
L4530.0	504528.2	5408855.2	1058.09998	244.85	58.4	48.832657	-86.938297	56161.91	56394.1	-144.13	56017.78	56007.83203	56049.35109	56042.45703	504528.2	5408855.2
L4530.0	504528.2	5408856.6	1058.19995	244.60	58.4	48.832670	-86.938297	56159.27	56394.1	-144.12	56015.14	56005.00000	56048.65812	56041.82031	504528.2	5408856.6
L4530.0	504528.2	5408858.0	1058.30005	244.91	63.69	48.832683	-86.938297	56157.18	56394.1	-144.12	56013.06	56002.73047	56047.94617	56041.16016	504528.2	5408858.0
L4530.0	504528.2	5408858.0	1058.40002	245.32	63.98	48.832683	-86.938297	56155.10	56394.1	-144.12	56010.98	56000.46094	56047.25331	56040.52344	504528.2	5408858.0
L4530.0	504528.2	5408859.3	1058.50000	246.05	63.98	48.832695	-86.938297	56152.56	56394.1	-144.11	56008.45	55997.74609	56046.61028	56039.93359	504528.2	5408859.3
L4530.0	504528.2	5408860.8	1058.59998	247.48	60.83	48.832708	-86.938297	56150.56	56394.1	-144.11	56006.44	55995.55078	56045.95316	56039.32813	504528.2	5408860.8
L4530.0	504528.2	5408861.9	1058.69995	248.02	61.59	48.832717	-86.938297	56148.02	56394.1	-144.11	56003.91	55992.83594	56045.35202	56038.78125	504528.2	5408861.9
L4530.0	504528.2	5408863.1	1058.80005	247.43	57.46	48.832728	-86.938297	56146.46	56394.1	-144.11	56002.36	55991.10547	56044.70756	56038.18750	504528.2	5408863.1
L4530.0	504528.2	5408864.5	1058.90002	248.30	57.46	48.832741	-86.938297	56143.77	56394.1	-144.10	55999.66	55988.22656	56044.16250	56037.69141	504528.2	5408864.5
L4530.0	504528.2	5408865.9	1059.00000	248.38	58.47	48.832753	-86.938297	56141.88	56394.1	-144.10	55997.78	55986.16797	56043.58621	56037.16797	504528.2	5408865.9
L4530.0	504528.2	5408867.4	1059.09998	249.18	58.47	48.832767	-86.938297	56140.54	56394.1	-144.10	55996.45	55984.66016	56042.99736	56036.62891	504528.2	5408867.4
L4530.0	504528.2	5408867.4	1059.19995	250.13	61.39	48.832767	-86.938297	56138.41	56394.1	-144.09	55994.32	55982.35938	56042.48661	56036.16797	504528.2	5408867.4
L4530.0	504528.2	5408869.1	1059.30005	251.80	62.14	48.832783	-86.938297	56136.45	56394.1	-144.08	55992.37	55980.23828	56041.98928	56035.71875	504528.2	5408869.1
L4530.0	504528.2	5408870.6	1059.40002	249.29	62.14	48.832796	-86.938297	56134.23	56394.1	-144.08	55990.15	55977.85156	56041.53599	56035.31641	504528.2	5408870.6
L4530.0	504528.2	5408872.0	1059.50000	247.85	63.11	48.832809	-86.938297	56132.66	56394.1	-144.08	55988.59	55976.12500	56041.06534	56034.89453	504528.2	5408872.0
L4530.0	504528.2	5408873.2	1059.59998	247.40	63.11	48.832819	-86.938297	56130.82	56394.1	-144.07	55986.75	55974.12109	56040.64057	56034.51563	504528.2	5408873.2
L4530.0	504528.2	5408873.2	1059.69995	248.46	64.06	48.832819	-86.938297	56129.84	56394.1	-144.07	55985.77	55972.98047	56040.18624	56034.10938	504528.2	5408873.2
L4530.0	504528.2	5408874.5	1059.80005	249.02	64.48	48.832831	-86.938297	56127.81	56394.1	-144.06	55983.74	55970.79297	56039.83019	56033.80078	504528.2	5408874.5
L4530.0	504528.2	5408876.5	1059.90002	251.01	64.48	48.832849	-86.938297	56126.77	56394.1	-144.06	55982.71	55969.60938	56039.43625	56033.45313	504528.2	5408876.5
L4530.0	504528.2	5408876.5	1060.00000	248.70	63.89	48.832849	-86.938297	56125.43	56394.1	-144.05	55981.38	55968.12891	56039.09154	56033.15625	504528.2	5408876.5
L4530.0	504528.2	5408877.8	1060.09998	248.95	64.36	48.832860	-86.938297	56124.11	56394	-144.05	55980.06	55966.66406	56038.77582	56032.88672	504528.2	5408877.8
L4530.0	504528.2	5408879.6	1060.19995	250.01	64.36	48.832877	-86.938297	56123.07	56394	-144.04	55979.03	55965.48828	56038.47081	56032.62500	504528.2	5408879.6
L4530.0	504528.2	5408880.8	1060.30005	250.27	64.54	48.832888	-86.938297	56122.32	56394	-144.04	55978.28	55964.59766	56038.17754	56032.37500	504528.2	5408880.8
L4530.0	504528.2	5408881.8	1060.40002	250.37	64.8	48.832896	-86.938297	56121.59	56394	-144.03	55977.55	55963.73047	56037.91364	56032.15625	504528.2	5408881.8
L4530.0	504528.2	5408883.5	1060.50000	249.76	64.55	48.832912	-86.938297	56120.44	56394	-144.03	55976.41	55962.45703	56037.70807	56031.99609	504528.2	5408883.5
L4530.0	504528.2	5408884.9	1060.59998	249.78	64.55	48.832924	-86.938297	56119.46	56394	-144.03	55975.43	55961.34766	56037.52305	56031.85547	504528.2	5408884.9
L4530.0	504528.2	5408884.9	1060.69995	249.20	64.6	48.832924	-86.938297	56119.40	56394	-144.02	55975.38	55961.17188	56037.30746	56031.67969	504528.2	5408884.9
L4530.0	504528.2	5408887.8	1060.80005	248.78	64.6	48.832951	-86.938296	56118.58	56394	-144.02	55974.56	55960.22656	56037.17477	56031.58984	504528.2	5408887.8
L4530.0	504528.2	5408887.8	1060.90002	247.94	60.29	48.832951	-86.938296	56118.36	56394	-144.01	55974.35	55959.89844	56037.03310	56031.49219	504528.2	5408887.8
L4530.0	504528.2	5408889.5	1061.00000	247.38	60.29	48.832966	-86.938296	56118.50	56394	-144.01	55974.49	55959.92578	56036.89984	56031.39844	504528.2	5408889.5
L4530.0	504528.2	5408889.5	1061.09998	246.68	58.13	48.832966	-86.938296	56118.42	56394	-144.01	55974.41	55959.73438	56036.81303	56031.35547	504528.2	5408889.5
L4530.0	504528.3	5408891.1	1061.19995	246.83	60.89	48.832980	-86.938296	56118.63	56394	-144.01	55974.62	55959.83984	56036.73864	56031.32031	504528.3	5408891.1
L4530.0	504528.3	5408893.8	1061.30005	247.62	60.89	48.833005	-86.938295	56118.74	56394	-144.00	55974.74	55959.85938	56036.70195	56031.32422	504528.3	5408893.8
L4530.0	504528.3	5408893.8	1061.40002	247.63	61.68	48.833005	-86.938295	56119.04	56394	-144.00	55975.03	55960.05078	56036.68552	56031.35156	504528.3	5408893.8
L4530.0	504528.3	5408894.9	1061.50000	246.99	63.89	48.833014	-86.938295	56119.68	56394	-144.00	55975.68	55960.60938	56036.67653	56031.38281	504528.3	5408894.9
L4530.0	504528.3	5408896.2	1061.59998	247.48	63.89	48.833026	-86.938295	56120.42	56394	-144.00	55976.42	55961.26172	56036.69280	56031.43750	504528.3	5408896.2
L4530.0	504528.4	5408897.7	1061.69995	247.88	61.14	48.833039	-86.938295	56121.22	56394	-144.00	55977.23	55961.98828	56036.73542	56031.51953	504528.4	5408897.7
L4530.0	504528.4	5408899.1	1061.80005	246.95	61.14	48.833052	-86.938294	56121.64	56394	-143.99	55977.65	55962.32813	56036.83480	56031.66016	504528.4	5408899.1
L4530.0	504528.4	5408899.1	1061.90002	246.18	64.58	48.833052	-86.938294	56122.59	56394	-143.99	55978.60	55963.20313	56036.92928	56031.79297	504528.4	5408899.1
L4530.0	504528.4	5408900.8	1062.00000	247.45	63.8	48.833067	-86.938294	56123.75	56394	-143.99	55979.76	55964.29297	56037.03986	56031.94141	504528.4	5408900.8
L4530.0	504528.4	5408901.8	1062.09998	248.81	63.8	48.833077	-86.938294	56125.00	56394	-143.99	55981.01	55965.48047	56037.17413	56032.11719	504528.4	5408901.8
L4530.0	504528.4	5408903.5	1062.19995	250.20	64.99	48.833092	-86.938294	56126.16	56394	-143.99	55982.17	55966.57813	56037.34370	56032.32422	504528.4	5408903.5
L4530.0	504528.5	5408904.9	1062.30005	248.80	60.43	48.833105	-86.938293	56127.04	56394	-143.99	55983.05	55967.40625	56037.56075	56032.57813	504528.5	5408904.9
L4530.0	504528.5	5408906.1	1062.40002	246.61	60.43	48.833115	-86.938293	56128.62	56394	-143.99	55984.63	55968.93359	56037.75946	56032.81641	504528.5	5408906.1
L4530.0	504528.5	5408907.3	1062.50000	246.23	62.53	48.833126	-86.938293	56130.24	56394	-143.99	55986.25	55970.51172	56037.98331	56033.07813	504528.5	5408907.3
L4530.0	504528.5	5408907.3	1062.59998	245.47	63.11	48.833126	-86.938293	56131.93	56394	-143.99	55987.94	55972.16016	56038.22976	56033.36328	504528.5	5408907.3
L4530.0	504528.5	5408908.8	1062.69995	245.78	63.11	48.833140	-86.938293	56133.57	56394	-143.99	55989.58	55973.76563	56038.50621	56033.67969	504528.5	5408908.8
L4530.0	504528.5	5408910.1	1062.80005	247.61	61.22	48.833151	-86.938293	56135.01	56394	-143.99	55991.02	55975.17578	56038.82206	56034.03125	504528.5	5408910.1
L4530.0	504528.5	5408911.8	1062.90002	247.20	60.48	48.833166	-86.938292	56137.13	56394	-143.99	55993.14	55977.26953	56039.11801	56034.36719	504528.5	5408911.8
L4530.0	504528.5	5408913.2	1063.00000	248.14	60.48	48.833179	-86.938292	56138.70	56394	-143.99	55994.71	55978.82031	56039.47541	56034.76172	504528.5	5408913.2
L4530.0	504528.5	5408914.2	1063.09998	250.29	60.3	48.833188	-86.938292	56141.19	56394	-143.99	55997.20	55981.29688	56039.79557	56035.12109	504528.5	5408914.2
L4530.0	504528.5	5408915.8	1063.19995	248.15	60.62	48.833203	-86.938292	56142.83	56394	-143.99	55998.85	55982.93750	56040.19515	56035.55859	504528.5	5408915.8
L4530.0	504528.5	5408916.5	1063.30005	247.79	60.08	48.833209	-86.938292	56144.70	56394	-143.98	56000.72	55984.80469	56040.60276	56036.00391	504528.5	5408916.5
L4530.0	504528.6	5408918.0	1063.40002	249.21	60.08	48.833222	-86.938292	56146.50	56394	-143.98	56002.52	55986.60547	56041.03701	56036.47656	504528.6	5408918.0
L4530.0	504528.6	5408918.0	1063.50000	248.28	60.93	48.833222	-86.938292	56148.88	56394	-143.98	56004.90	55988.99219	56041.45383	56036.93359	504528.6	5408918.0

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4530.0	504528.6	5408919.7	1063.59998	247.69	57.15	48.833238	-86.938292	56151.10	56394	-143.98	56007.12	55991.22266	56041.90181	56037.41797	504528.6	5408919.7
L4530.0	504528.6	5408921.3	1063.69995	247.44	57.15	48.833252	-86.938292	56153.40	56394	-143.98	56009.42	55993.54297	56042.36417	56037.91797	504528.6	5408921.3
L4530.0	504528.6	5408921.3	1063.80005	245.63	58.2	48.833252	-86.938292	56155.23	56394	-143.97	56011.25	55995.39453	56042.87683	56038.47266	504528.6	5408921.3
L4530.0	504528.6	5408922.9	1063.90002	246.10	67.17	48.833266	-86.938291	56157.53	56394	-143.97	56013.56	55997.73047	56043.37568	56039.00781	504528.6	5408922.9
L4530.0	504528.6	5408924.3	1064.00000	246.43	67.17	48.833279	-86.938291	56159.70	56394	-143.97	56015.73	55999.93359	56043.90127	56039.57422	504528.6	5408924.3
L4530.0	504528.6	5408925.7	1064.09998	247.24	61.5	48.833291	-86.938291	56162.16	56394	-143.97	56018.19	56002.43359	56044.42417	56040.13672	504528.6	5408925.7
L4530.0	504528.6	5408927.2	1064.19995	246.12	57.77	48.833305	-86.938291	56164.41	56394	-143.96	56020.45	56004.73438	56044.97626	56040.72656	504528.6	5408927.2
L4530.0	504528.6	5408928.5	1064.30005	247.95	62	48.833316	-86.938291	56166.55	56394	-143.96	56022.59	56006.92578	56045.55143	56041.34375	504528.6	5408928.5
L4530.0	504528.6	5408929.9	1064.40002	248.23	67.12	48.833330	-86.938291	56168.50	56394	-143.95	56024.55	56008.93750	56046.15292	56041.98438	504528.6	5408929.9
L4530.0	504528.6	5408930.9	1064.50000	247.42	67.12	48.833338	-86.938291	56170.99	56394	-143.95	56027.04	56011.48828	56046.73261	56042.60547	504528.6	5408930.9
L4530.0	504528.6	5408930.9	1064.59998	248.56	62.14	48.833338	-86.938291	56172.95	56393.9	-143.95	56029.00	56013.51172	56047.36042	56043.27344	504528.6	5408930.9
L4530.0	504528.6	5408932.9	1064.69995	248.76	62.14	48.833356	-86.938291	56175.41	56393.9	-143.94	56031.47	56016.05078	56047.96625	56043.92188	504528.6	5408932.9
L4530.0	504528.6	5408934.3	1064.80005	248.78	63.47	48.833369	-86.938291	56177.96	56393.9	-143.94	56034.02	56018.67188	56048.57802	56044.57422	504528.6	5408934.3
L4530.0	504528.6	5408935.1	1064.90002	249.14	63.47	48.833376	-86.938291	56179.52	56393.9	-143.93	56035.59	56020.32031	56049.26566	56045.30469	504528.6	5408935.1
L4530.0	504528.6	5408936.5	1065.00000	248.79	62.16	48.833389	-86.938291	56181.83	56393.9	-143.93	56037.90	56022.71484	56049.91377	56045.99609	504528.6	5408936.5
L4530.0	504528.6	5408937.6	1065.09998	246.22	60.65	48.833399	-86.938291	56184.69	56393.9	-143.92	56040.77	56025.67578	56050.53365	56046.66016	504528.6	5408937.6
L4530.0	504528.6	5408939.2	1065.19995	245.71	60.65	48.833413	-86.938291	56186.82	56393.9	-143.91	56042.91	56027.91016	56051.21058	56047.37891	504528.6	5408939.2
L4530.0	504528.6	5408940.6	1065.30005	244.18	64.4	48.833426	-86.938291	56188.82	56393.9	-143.90	56044.92	56030.01563	56051.90388	56048.11719	504528.6	5408940.6
L4530.0	504528.6	5408940.6	1065.40002	244.22	64.4	48.833426	-86.938291	56190.89	56393.9	-143.89	56046.99	56032.19141	56052.60021	56048.85938	504528.6	5408940.6
L4530.0	504528.6	5408943.3	1065.50000	244.95	62.75	48.833450	-86.938291	56193.46	56393.9	-143.88	56049.58	56034.88672	56053.26824	56049.57031	504528.6	5408943.3
L4530.0	504528.6	5408943.3	1065.59998	244.36	62.75	48.833450	-86.938291	56195.32	56393.9	-143.88	56051.44	56036.85938	56053.99065	56050.33984	504528.6	5408943.3
L4530.0	504528.6	5408944.6	1065.69995	246.54	67.62	48.833462	-86.938291	56197.32	56393.9	-143.87	56053.45	56038.98828	56054.70816	56051.10156	504528.6	5408944.6
L4530.0	504528.6	5408946.4	1065.80005	246.41	55.12	48.833477	-86.938291	56199.48	56393.9	-143.86	56055.63	56041.28906	56055.41881	56051.85938	504528.6	5408946.4
L4530.0	504528.6	5408946.4	1065.90002	246.85	58.49	48.833477	-86.938291	56201.49	56393.8	-143.85	56057.64	56043.42578	56056.14468	56052.63281	504528.6	5408946.4
L4530.0	504528.6	5408948.1	1066.00000	247.30	58.49	48.833493	-86.938291	56203.52	56393.8	-143.84	56059.68	56045.59766	56056.87187	56053.40625	504528.6	5408948.1
L4530.0	504528.6	5408949.0	1066.09998	246.02	58.6	48.833501	-86.938291	56205.86	56393.8	-143.83	56062.03	56048.08203	56057.58113	56054.16406	504528.6	5408949.0
L4530.0	504528.6	5408950.4	1066.19995	244.95	58.6	48.833514	-86.938291	56207.58	56393.8	-143.82	56063.75	56049.94141	56058.33461	56054.96875	504528.6	5408950.4
L4530.0	504528.6	5408951.9	1066.30005	246.21	68.54	48.833527	-86.938291	56209.26	56393.8	-143.82	56065.44	56051.77344	56059.09176	56055.77344	504528.6	5408951.9
L4530.0	504528.6	5408952.8	1066.40002	245.56	66.24	48.833535	-86.938291	56210.97	56393.8	-143.81	56067.17	56053.65234	56059.84743	56056.58203	504528.6	5408952.8
L4530.0	504528.5	5408954.2	1066.50000	244.96	66.24	48.833548	-86.938291	56213.09	56393.8	-143.80	56069.29	56055.92578	56060.57779	56057.36328	504528.5	5408954.2
L4530.0	504528.5	5408955.7	1066.59998	244.43	63.67	48.833561	-86.938292	56215.20	56393.8	-143.79	56071.41	56058.19922	56061.30836	56058.14453	504528.5	5408955.7
L4530.0	504528.5	5408957.5	1066.69995	244.26	63.67	48.833577	-86.938292	56216.79	56393.8	-143.78	56073.00	56059.94922	56062.07402	56058.96094	504528.5	5408957.5
L4530.0	504528.5	5408957.5	1066.80005	245.48	58.8	48.833577	-86.938292	56218.04	56393.8	-143.78	56074.26	56061.37109	56062.86102	56059.80078	504528.5	5408957.5
L4530.0	504528.5	5408958.7	1066.90002	247.05	58.98	48.833588	-86.938292	56219.75	56393.8	-143.77	56075.98	56063.25781	56063.61625	56060.60938	504528.5	5408958.7
L4530.0	504528.5	5408960.1	1067.00000	247.11	57.91	48.833601	-86.938292	56221.87	56393.8	-143.76	56078.11	56065.55859	56064.34266	56061.39063	504528.5	5408960.1
L4530.0	504528.5	5408960.1	1067.09998	247.77	57.91	48.833601	-86.938292	56223.29	56393.8	-143.76	56079.54	56067.16406	56065.11384	56062.21875	504528.5	5408960.1
L4530.0	504528.5	5408961.9	1067.19995	247.29	56.73	48.833617	-86.938293	56225.21	56393.8	-143.75	56081.46	56069.26172	56065.85010	56063.01172	504528.5	5408961.9
L4530.0	504528.4	5408963.4	1067.30005	248.36	56.73	48.833631	-86.938293	56226.79	56393.7	-143.75	56083.04	56071.01953	56066.60642	56063.82422	504528.4	5408963.4
L4530.0	504528.4	5408964.9	1067.40002	247.78	57.64	48.833644	-86.938293	56228.43	56393.7	-143.74	56084.68	56072.84375	56067.35579	56064.62891	504528.4	5408964.9
L4530.0	504528.4	5408966.3	1067.50000	247.40	64.41	48.833657	-86.938293	56230.13	56393.7	-143.74	56086.39	56074.74219	56068.09721	56065.42969	504528.4	5408966.3
L4530.0	504528.4	5408968.3	1067.59998	247.26	64.41	48.833675	-86.938293	56231.48	56393.7	-143.74	56087.75	56076.28906	56068.85838	56066.24609	504528.4	5408968.3
L4530.0	504528.4	5408968.3	1067.69995	247.44	68.66	48.833675	-86.938293	56233.43	56393.7	-143.73	56089.70	56078.43359	56069.57632	56067.02344	504528.4	5408968.3
L4530.0	504528.4	5408969.8	1067.80005	247.19	68.66	48.833689	-86.938293	56235.04	56393.7	-143.73	56091.31	56080.23828	56070.31277	56067.82031	504528.4	5408969.8
L4530.0	504528.4	5408971.5	1067.90002	246.01	68.91	48.833703	-86.938294	56236.57	56393.7	-143.72	56092.84	56081.96484	56071.05010	56068.62109	504528.4	5408971.5
L4530.0	504528.4	5408971.5	1068.00000	247.90	68.91	48.833703	-86.938294	56237.79	56393.7	-143.72	56094.07	56083.39844	56071.80274	56069.43359	504528.4	5408971.5
L4530.0	504528.4	5408972.9	1068.09998	247.01	65.18	48.833716	-86.938294	56239.27	56393.7	-143.72	56095.56	56085.08984	56072.53310	56070.22656	504528.4	5408972.9
L4530.0	504528.4	5408974.6	1068.19995	247.39	68.17	48.833731	-86.938294	56241.18	56393.7	-143.71	56097.47	56087.20313	56073.23029	56070.98438	504528.4	5408974.6
L4530.0	504528.3	5408976.2	1068.30005	247.49	68.17	48.833746	-86.938294	56242.59	56393.7	-143.71	56098.88	56088.82422	56073.95541	56071.77344	504528.3	5408976.2
L4530.0	504528.3	5408976.2	1068.40002	245.85	67.69	48.833746	-86.938294	56243.64	56393.7	-143.70	56099.93	56090.08203	56074.69892	56072.58203	504528.3	5408976.2
L4530.0	504528.3	5408977.9	1068.50000	246.15	67.69	48.833761	-86.938294	56245.40	56393.7	-143.70	56101.70	56092.06250	56075.38863	56073.33594	504528.3	5408977.9
L4530.0	504528.3	5408979.4	1068.59998	247.46	58.9	48.833774	-86.938294	56246.66	56393.7	-143.70	56102.96	56093.53906	56076.10634	56074.11719	504528.3	5408979.4
L4530.0	504528.3	5408979.4	1068.69995	247.86	58.9	48.833774	-86.938294	56247.36	56393.7	-143.69	56103.67	56094.46094	56076.85455	56074.93359	504528.3	5408979.4
L4530.0	504528.3	5408981.3	1068.80005	248.97	63.73	48.833791	-86.938294	56248.99	56393.7	-143.69	56105.30	56096.30859	56077.53509	56075.67969	504528.3	5408981.3
L4530.0	504528.3	5408982.7	1068.90002	250.20	66.53	48.833804	-86.938294	56250.38	56393.7	-143.68	56106.70	56097.92969	56078.22446	56076.43750	504528.3	5408982.7
L4530.0	504528.3	5408982.7	1069.00000	249.92	66.53	48.833804	-86.938294	56251.60	56393.7	-143.68	56107.92	56099.36719	56078.91920	56077.19922	504528.3	5408982.7
L4530.0	504528.3	5408984.3	1069.09998	251.43	66.76	48.833819	-86.938294	56253.15	56393.7	-143.67	56109.48	56101.14844	56079.58448	56077.93359	504528.3	5408984.3
L4530.0	504528.3	5408985.7	1069.19995	250.86	66.76	48.833831	-86.938294	56254.07	56393.7	-143.66	56110.41	56102.30078	56080.28485	56078.70313	504528.3	5408985.7
L4530.0	504528.3	5408985.7	1069.30005	248.89	67.56	48.833831	-86.938294	56255.18	56393.7	-143.66	56111.52	56103.63672	56080.96619	56079.45313	504528.3	5408985.7
L4530.0	504528.3	5408988.4	1069.40002	247.14	67.56	48.833856	-86.938294	56256.29	56393.6	-143.65	56112.64	56104.98047	56081.63972	56080.19922	504528.3	5408988.4
L4530.0	504528.3	5408988.4	1069.50000	246.68	58.23	48.833856	-86.938294	56257.54	56393.6	-143.64	56113.90	56106.46875	56082.29666	56080.92578	504528.3	5408988.4
L4530.0	504528.3	5408989.7	1069.59998	248.33	65.05	48.833867	-86.938294	56258.39	56393.6	-143.63	56114.76	56107.55469	56082.97293	56081.67188	504528.3	5408989.7
L4530.0	504528.3	5408991.1	1069.69995	247.89	65.05	48.833880	-86.938294	56260.10	56393.6	-143.62	56116.47	56109.49219	56083.58510	56082.35547	504528.3	5408991.1
L4530.0	504528.3	5408992.4	1069.80005	246.53	58.33	48.833891	-86.938294	56261.24	56393.6	-143.62	56117.62	56110.86719	56084.22708	56083.07031	504528.3	5408992.4
L4530.0	504528.3	5408993.9	1069.90002	245.37	58.33	48.833905	-86.938294	56262.65	56393.6	-143.61	56119.04	56112.51563	56084.84348	56083.76172	504528.3	5408993.9
L4530.0	504528.3	5408995.5	1070.00000	246.86	57.26	48.833920	-86.938294	56263.64	56393.6	-143.60	56120.04	56113.74609	56085.48022	56084.46875	504528.3	5408995.5
L4530.0	504528.3	5408995.5	1070.09998	246.43	57.26	48.833920	-86.938294	56264.88	56393.6	-143.60	56121.28	56115.21484	56086.09325	56085.15625	504528.3	5408995.5
L4530.0	504528.4	5408997.0	1070.19995	247.59	59.66	48.833933	-86.938294	56265.79	56393.6	-143.60	56122.19	56116.35156	56086.72051	56085.85938	504528.4	5408997.0
L4530.0	504528.4	5408998.0	1070.30005	249.56	60.25	48.833942	-86.938293	56267.17	56393.6	-143.60	56123.57	56117.96094	56087.30863	56086.52344	504528.4	5408998.0
L4530.0	504528.4	5408999.7	1070.40002	250.29	57.07	48.833958	-86.938293	56267.49	56393.6	-143.60	56123.90	56118.51953	56087.95889	56087.24609	504528.4	5408999.7
L4530.0	504528.4	5408999.7	1070.50000	250.79	57.07	48.833958	-86.938293	56268.29	56393.6	-143.59	56124.69	56119.53906	56088.57060	56087.93359	504528.4	5408999.7
L4530.0	504528.4	5409001.3	1070.59998	250.01	58.88	48.833972	-86.938293	56269.00	56393.6	-143.59	56125.41	56120.48828	56089.17906	56088.61719	504528.4	5409001.3
L4530.0	504528.4	5409002.6	1070.69995	248.66	65.8	48.833984	-86.938293	56270.15	56393.6	-143.59	56126.56	56121.86719	56089.75092	56089.26563	504528.4	5409002.6
L4530.0	504528.4	5409003.8	1070.80005	247.68	67.14	48.833994	-86.938293	56271.30	56393.6	-143.59	56127.71	56123.24219	56090.31481	56089.90625	504528.4	5409003.8
L4530.0	504528.4	5409005.5	1070.90002	246.79	67.14	48.834009	-86.938293	56271.79	56393.6	-143.59	56128.20	56123.96094	56090.91474	56090.58203	504528.4	5409005.5
L4530.0	504528.4	5409006.3	1071.00000	246.19	65.89	48.834017	-86.938293	56273.14	56393.6	-143.59	56129.55	56125.53516	56091.44935	56091.19531	504528.4	5409006.3
L4530.0	504528.4	5409008.0	1071.09998	246.01	65.89	48.834032	-86.938293	56273.63	56393.6	-143.58	56130.04	56126.25391	56092.03330	56091.85547	504528.4	5409008.0
L4530.0	504528.4	5409008.0	1071.19995	245.21	58.19	48.834032	-86.938293	56274.21	56393.6	-143.57	56130.64	56127.07813	56092.60194	56092.50000	504528.4	5409008.0
L4530.0	504528.4	5409009.6	1071.30005	246.53	58.19	48.834047	-86.938293	56274.67	56393.6	-143.57	56131.10	56127.76172	56093.17192	56093.14844	504528.4	5409009.6
L4530.0	504528.3	5409011.4	1071.40002	246.95	58.93	48.834063	-86.938294	56275.89	56393.6	-143.56	56132.33	56129.21484	56093.68259	56093.73828	504528.3	5409011.4
L4530.0	504528.3	5409011.4	1071.50000	246.19	58.93	48.834063	-86.938294	56276.69	56393.5	-143.55	56133.14	56130.24609	56094.21329	56094.34766	504528.3	5409011.4
L4530.0	504528.3	5409013.9	1071.59998	244.73	61.13	48.834085	-86.938294	56277.70	56393.5	-143.54	56134.16	56131.48438	56094.72203	56094.93359	504528.3	5409013.9
L4530.0	504528.3	5409013.9	1071.69995	243.21	54.35	48.834085	-86.938294	56278.20	56393.5	-143.53	56134.67	56132.21484	56095.25682	56095.54688	504528.3	5409013.9
L4530.0	504528.3	5409015.5	1071.80005	244.34	54.01	48.834100	-86.938294	56278.98	56393.5	-143.53	56135.45	56133.21094	56095.76568	56096.13281	504528.3	5409015.5
L4530.0	504528.3	5409017.1	1071.90002	244.62	55.49	48.834113	-86.938294	56279.82	56393.5	-143.52	56136.31	56134.28906	56096.26129	56096.70703	504528.3	5409017.1
L4530.0	504528.3	5409018.1	1072.00000	245.62	55.49	48.834123	-86.938294	56280.74	56393.5	-143.51	56137.23	56135.42188	56096.74500	56097.26953	504528.3	5409018.1
L4530.0	504528.3	5409019.8	1072.09998	245.80	62.73	48.834138	-86.938294	56281.36	56393.5	-143.50	56137.86	56136.26563	56097.24018	56097.83984	504528.3	5409019.8
L4530.0	504528.3	5409019.8	1072.19995	247.86	62.73	48.834138	-86.938294	56282.25	56393.5	-143.49	56138.76	56137.37891	56097.70951	56098.39063	504528.3	5409019.8
L4530.0	504528.3	5409021.1	1072.30005	249.15	63.58	48.834149	-86.938293	56282.94	56393.5	-143.49	56139.45	56138.27734	56098.18501	56098.94141	504528.3	5409021.1
L4530.0	504528.3	5409022.3	1072.40002	248.23	64.33	48.834161	-86.938293	56283.42	56393.5	-143.48	56139.94	56138.97656	56098.66605	56099.50000	504528.3	5409022.3
L4530.0	504528.3	5409023.9	1072.50000	247.78	64.33	48.834175	-86.938293	56284.36	56393.5	-143.47	56140.89	56140.13281	56099.10865	56100.02344	504528.3	5409023.9
L4530.0	504528.4	5409025.6	1072.59998	248.24	63.02	48.834190	-86.938293	56285.29	56393.5	-143.46	56141.82	56141.26563	56099.54484	56100.53516	504528.4	5409025.6
L4530.0	504528.4	5409025.6	1072.69995	248.87	60.71	48.834190	-86.938293	56285.44	56393.5	-143.45	56141.98	56141.62500	56100.02465	56101.09375	504528.4	5409025.6
L4530.0	504528.4	5409027.0	1072.80005	246.24	58.89	48.834203	-86.938293	56286.02	56393.4	-143.45	56142.58	56142.42578	56100.46745	56101.61328	504528.4	5409027.0

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4530.0	504528.4	5409028.4	1072.90002	247.10	58.89	48.834215	-86.938293	56286.56	56393.4	-143.44	56143.12	56143.16406	56100.90659	56102.12891	504528.4	5409028.4
L4530.0	504528.4	5409030.3	1073.00000	247.57	58.89	48.834232	-86.938293	56287.31	56393.4	-143.43	56143.88	56144.12109	56101.32345	56102.62109	504528.4	5409030.3
L4530.0	504528.4	5409030.3	1073.09998	249.46	62.54	48.834232	-86.938293	56287.96	56393.4	-143.43	56144.54	56144.97266	56101.73939	56103.11328	504528.4	5409030.3
L4530.0	504528.4	5409032.2	1073.19995	249.08	64.26	48.834250	-86.938292	56288.42	56393.4	-143.42	56145.00	56145.62500	56102.16112	56103.61328	504528.4	5409032.2
L4530.0	504528.4	5409033.6	1073.30005	249.23	64.26	48.834263	-86.938292	56288.66	56393.4	-143.42	56145.24	56146.05078	56102.58999	56104.11719	504528.4	5409033.6
L4530.0	504528.4	5409033.6	1073.40002	248.36	62.99	48.834263	-86.938292	56289.30	56393.4	-143.41	56145.88	56146.87891	56102.98471	56104.58594	504528.4	5409033.6
L4530.0	504528.4	5409035.2	1073.50000	247.78	63.12	48.834276	-86.938292	56289.85	56393.4	-143.41	56146.44	56147.62109	56103.37731	56105.05469	504528.4	5409035.2
L4530.0	504528.5	5409037.0	1073.59998	248.73	63.12	48.834293	-86.938291	56290.90	56393.4	-143.41	56147.50	56148.86328	56103.72916	56105.48047	504528.5	5409037.0
L4530.0	504528.5	5409037.0	1073.69995	247.83	63.29	48.834293	-86.938291	56291.13	56393.4	-143.40	56147.73	56149.26953	56104.12897	56105.95313	504528.5	5409037.0
L4530.0	504528.5	5409038.5	1073.80005	245.72	63.29	48.834307	-86.938291	56291.48	56393.4	-143.40	56148.09	56149.80469	56104.51275	56106.41016	504528.5	5409038.5
L4530.0	504528.5	5409039.9	1073.90002	245.36	62.4	48.834318	-86.938291	56292.28	56393.4	-143.39	56148.88	56150.76953	56104.86056	56106.83203	504528.5	5409039.9
L4530.0	504528.5	5409041.5	1074.00000	246.20	62.4	48.834334	-86.938291	56292.50	56393.4	-143.39	56149.11	56151.17188	56105.23841	56107.28125	504528.5	5409041.5
L4530.0	504528.5	5409041.5	1074.09998	246.27	63.01	48.834334	-86.938291	56292.92	56393.4	-143.39	56149.53	56151.75781	56105.59635	56107.71484	504528.5	5409041.5
L4530.0	504528.5	5409043.1	1074.19995	247.26	62.07	48.834347	-86.938291	56293.45	56393.4	-143.38	56150.07	56152.46094	56105.93907	56108.12891	504528.5	5409043.1
L4530.0	504528.5	5409044.5	1074.30005	246.82	65.64	48.834360	-86.938290	56294.22	56393.4	-143.38	56150.84	56153.39453	56106.25926	56108.51953	504528.5	5409044.5
L4530.0	504528.5	5409045.9	1074.40002	246.35	65.64	48.834373	-86.938290	56294.86	56393.4	-143.37	56151.49	56154.20313	56106.58030	56108.91016	504528.5	5409045.9
L4530.0	504528.5	5409045.9	1074.50000	246.93	63.34	48.834373	-86.938290	56294.81	56393.4	-143.36	56151.45	56154.32031	56106.94021	56109.33984	504528.5	5409045.9
L4530.0	504528.6	5409047.6	1074.59998	247.39	63.34	48.834388	-86.938290	56295.62	56393.4	-143.36	56152.26	56155.28516	56107.23635	56109.70313	504528.6	5409047.6
L4530.0	504528.6	5409048.6	1074.69995	248.89	63.21	48.834397	-86.938290	56296.26	56393.4	-143.35	56152.91	56156.08594	56107.53609	56110.07031	504528.6	5409048.6
L4530.0	504528.6	5409050.3	1074.80005	249.68	63.21	48.834412	-86.938290	56296.36	56393.3	-143.35	56153.01	56156.33203	56107.86544	56110.46875	504528.6	5409050.3
L4530.0	504528.6	5409051.8	1074.90002	250.26	60.96	48.834426	-86.938289	56296.39	56393.3	-143.34	56153.04	56156.50781	56108.19244	56110.86328	504528.6	5409051.8
L4530.0	504528.6	5409053.2	1075.00000	250.52	62.88	48.834439	-86.938289	56296.41	56393.3	-143.34	56153.07	56156.67969	56108.51244	56111.24609	504528.6	5409053.2
L4530.0	504528.6	5409053.2	1075.09998	250.26	62.88	48.834439	-86.938289	56297.82	56393.3	-143.33	56154.48	56158.23047	56108.73347	56111.53516	504528.6	5409053.2
L4530.0	504528.6	5409054.3	1075.19995	250.07	64.54	48.834449	-86.938289	56298.27	56393.3	-143.33	56154.95	56158.83594	56109.01021	56111.87500	504528.6	5409054.3
L4530.0	504528.6	5409055.9	1075.30005	249.25	66.22	48.834463	-86.938289	56298.33	56393.3	-143.32	56155.01	56159.03125	56109.30735	56112.23438	504528.6	5409055.9
L4530.0	504528.6	5409057.4	1075.40002	249.46	53.03	48.834476	-86.938289	56299.01	56393.3	-143.31	56155.70	56159.85156	56109.55559	56112.54688	504528.6	5409057.4
L4530.0	504528.6	5409057.4	1075.50000	247.82	53.03	48.834476	-86.938289	56299.43	56393.3	-143.30	56156.12	56160.39844	56109.81493	56112.86719	504528.6	5409057.4
L4530.0	504528.6	5409059.3	1075.59998	246.84	53.41	48.834494	-86.938289	56299.30	56393.3	-143.30	56156.00	56160.40234	56110.10340	56113.21484	504528.6	5409059.3
L4530.0	504528.6	5409060.8	1075.69995	244.76	53.41	48.834506	-86.938289	56299.68	56393.3	-143.29	56156.39	56160.91406	56110.35101	56113.52344	504528.6	5409060.8
L4530.0	504528.6	5409061.9	1075.80005	245.45	53.05	48.834517	-86.938289	56300.42	56393.3	-143.28	56157.13	56161.76953	56110.56846	56113.80078	504528.6	5409061.9
L4530.0	504528.6	5409063.4	1075.90002	245.38	53.05	48.834530	-86.938289	56300.75	56393.3	-143.28	56157.47	56162.22656	56110.80575	56114.09375	504528.6	5409063.4
L4530.0	504528.6	5409065.0	1076.00000	246.80	63.21	48.834544	-86.938289	56300.90	56393.3	-143.27	56157.63	56162.50000	56111.04823	56114.39453	504528.6	5409065.0
L4530.0	504528.6	5409065.0	1076.09998	244.23	61.56	48.834544	-86.938289	56301.34	56393.3	-143.27	56158.08	56163.05859	56111.26459	56114.66797	504528.6	5409065.0
L4530.0	504528.6	5409067.4	1076.19995	243.07	61.56	48.834567	-86.938289	56301.79	56393.3	-143.27	56158.53	56163.61328	56111.47417	56114.92969	504528.6	5409067.4
L4530.0	504528.6	5409067.4	1076.30005	245.61	65.11	48.834567	-86.938289	56302.28	56393.3	-143.26	56159.02	56164.20703	56111.67432	56115.18750	504528.6	5409067.4
L4530.0	504528.6	5409069.0	1076.40002	246.11	65.11	48.834581	-86.938289	56302.39	56393.3	-143.26	56159.13	56164.41797	56111.89305	56115.45703	504528.6	5409069.0
L4530.0	504528.6	5409070.4	1076.50000	245.69	63.01	48.834593	-86.938289	56302.64	56393.3	-143.26	56159.38	56164.76563	56112.09572	56115.71094	504528.6	5409070.4
L4530.0	504528.6	5409072.1	1076.59998	245.17	63.07	48.834608	-86.938289	56302.87	56393.3	-143.26	56159.61	56165.08984	56112.29299	56115.96094	504528.6	5409072.1
L4530.0	504528.6	5409073.7	1076.69995	245.96	63.07	48.834623	-86.938289	56303.28	56393.3	-143.26	56160.02	56165.59375	56112.47154	56116.18750	504528.6	5409073.7
L4530.0	504528.6	5409073.7	1076.80005	244.63	66.95	48.834623	-86.938289	56303.64	56393.3	-143.25	56160.38	56166.04297	56112.64673	56116.41406	504528.6	5409073.7
L4530.0	504528.6	5409075.4	1076.90002	246.96	66.95	48.834638	-86.938289	56304.20	56393.3	-143.25	56160.94	56166.68750	56112.80190	56116.61719	504528.6	5409075.4
L4530.0	504528.6	5409076.8	1077.00000	247.67	66.9	48.834651	-86.938289	56303.84	56393.3	-143.25	56160.59	56166.42188	56113.01106	56116.87109	504528.6	5409076.8
L4530.0	504528.6	5409076.8	1077.09998	247.89	66.9	48.834651	-86.938289	56304.37	56393.2	-143.25	56161.12	56167.03125	56113.15488	56117.05859	504528.6	5409076.8
L4530.0	504528.6	5409078.3	1077.19995	247.79	64.96	48.834664	-86.938289	56304.36	56393.2	-143.24	56161.11	56167.09766	56113.32805	56117.27734	504528.6	5409078.3
L4530.0	504528.6	5409080.0	1077.30005	246.61	64.96	48.834680	-86.938289	56304.91	56393.2	-143.24	56161.67	56167.73047	56113.45657	56117.44922	504528.6	5409080.0
L4530.0	504528.6	5409081.1	1077.40002	246.92	59.77	48.834689	-86.938289	56304.89	56393.2	-143.24	56161.65	56167.78125	56113.61713	56117.65234	504528.6	5409081.1
L4530.0	504528.6	5409082.4	1077.50000	245.58	60.68	48.834701	-86.938289	56305.27	56393.2	-143.24	56162.03	56168.23047	56113.74439	56117.82031	504528.6	5409082.4
L4530.0	504528.6	5409083.6	1077.59998	245.43	64.65	48.834712	-86.938289	56305.20	56393.2	-143.23	56161.96	56168.22656	56113.89505	56118.01172	504528.6	5409083.6
L4530.0	504528.6	5409084.7	1077.69995	246.31	64.65	48.834722	-86.938289	56305.81	56393.2	-143.23	56162.58	56168.91016	56113.99311	56118.14844	504528.6	5409084.7
L4530.0	504528.6	5409084.7	1077.80005	245.72	64.65	48.834722	-86.938289	56305.50	56393.2	-143.23	56162.27	56168.66016	56114.14657	56118.33984	504528.6	5409084.7
L4530.0	504528.6	5409086.2	1077.90002	246.62	67.56	48.834736	-86.938289	56305.91	56393.2	-143.22	56162.68	56169.12891	56114.24546	56118.47266	504528.6	5409086.2
L4530.0	504528.6	5409087.3	1078.00000	248.56	67.31	48.834745	-86.938289	56306.06	56393.2	-143.22	56162.84	56169.34375	56114.35444	56118.61719	504528.6	5409087.3
L4530.0	504528.6	5409088.7	1078.09998	248.47	64.66	48.834758	-86.938289	56306.26	56393.2	-143.21	56163.05	56169.60547	56114.45353	56118.75000	504528.6	5409088.7
L4530.0	504528.6	5409090.0	1078.19995	248.28	64.66	48.834770	-86.938289	56306.67	56393.2	-143.20	56163.47	56170.07422	56114.53208	56118.86328	504528.6	5409090.0
L4530.0	504528.6	5409091.7	1078.30005	250.01	64.85	48.834785	-86.938289	56306.67	56393.2	-143.19	56163.48	56170.13281	56114.63142	56118.99219	504528.6	5409091.7
L4530.0	504528.6	5409092.8	1078.40002	250.00	64.85	48.834794	-86.938288	56306.88	56393.2	-143.18	56163.70	56170.39844	56114.71025	56119.10156	504528.6	5409092.8
L4530.0	504528.7	5409094.3	1078.50000	247.32	67.24	48.834809	-86.938288	56306.85	56393.2	-143.17	56163.68	56170.41797	56114.79856	56119.21875	504528.7	5409094.3
L4530.0	504528.7	5409094.3	1078.59998	246.40	69.28	48.834809	-86.938288	56307.26	56393.2	-143.16	56164.10	56170.87891	56114.85103	56119.30078	504528.7	5409094.3
L4530.0	504528.7	5409095.8	1078.69995	245.99	69.28	48.834822	-86.938288	56307.33	56393.2	-143.15	56164.18	56170.99609	56114.91969	56119.39453	504528.7	5409095.8
L4530.0	504528.7	5409097.1	1078.80005	247.72	69.22	48.834833	-86.938288	56307.21	56393.1	-143.14	56164.07	56170.92188	56114.99454	56119.49609	504528.7	5409097.1
L4530.0	504528.7	5409097.1	1078.90002	248.28	69.22	48.834833	-86.938288	56307.48	56393.1	-143.13	56164.35	56171.23438	56115.03693	56119.56250	504528.7	5409097.1
L4530.0	504528.7	5409098.8	1079.00000	246.97	69.8	48.834849	-86.938288	56307.62	56393.1	-143.12	56164.50	56171.41016	56115.08154	56119.62891	504528.7	5409098.8
L4530.0	504528.7	5409100.3	1079.09998	246.38	68.27	48.834863	-86.938288	56307.61	56393.1	-143.12	56164.49	56171.42969	56115.13038	56119.69922	504528.7	5409100.3
L4530.0	504528.7	5409101.7	1079.19995	243.79	68.27	48.834875	-86.938288	56307.72	56393.1	-143.12	56164.60	56171.56250	56115.16481	56119.75781	504528.7	5409101.7
L4530.0	504528.7	5409103.1	1079.30005	244.46	68.33	48.834888	-86.938287	56307.34	56393.1	-143.12	56164.22	56171.20703	56115.22550	56119.83594	504528.7	5409103.1
L4530.0	504528.7	5409104.7	1079.40002	245.41	69.68	48.834902	-86.938287	56307.87	56393.1	-143.12	56164.75	56171.75781	56115.21914	56119.84766	504528.7	5409104.7
L4530.0	504528.7	5409104.7	1079.50000	244.09	69.89	48.834902	-86.938287	56307.59	56393.1	-143.12	56164.47	56171.49609	56115.26042	56119.90625	504528.7	5409104.7
L4530.0	504528.7	5409106.1	1079.59998	244.17	69.89	48.834915	-86.938287	56307.64	56393.1	-143.12	56164.52	56171.55859	56115.27335	56119.93750	504528.7	5409106.1
L4530.0	504528.7	5409107.2	1079.69995	244.67	69.69	48.834924	-86.938287	56307.66	56393.1	-143.12	56164.54	56171.59375	56115.28194	56119.96094	504528.7	5409107.2
L4530.0	504528.7	5409108.6	1079.80005	246.87	69.69	48.834937	-86.938287	56307.95	56393.1	-143.12	56164.82	56171.88281	56115.26689	56119.95703	504528.7	5409108.6
L4530.0	504528.7	5409109.9	1079.90002	249.73	70.01	48.834949	-86.938287	56307.95	56393.1	-143.12	56164.82	56171.89453	56115.26422	56119.96875	504528.7	5409109.9
L4530.0	504528.7	5409111.2	1080.00000	248.62	68.46	48.834961	-86.938287	56307.66	56393.1	-143.12	56164.54	56171.62109	56115.27395	56119.98828	504528.7	5409111.2
L4530.0	504528.7	5409112.4	1080.09998	247.43	66.25	48.834971	-86.938287	56308.23	56393.1	-143.12	56165.11	56172.19531	56115.22076	56119.94531	504528.7	5409112.4
L4530.0	504528.7	5409112.4	1080.19995	248.86	66.25	48.834971	-86.938287	56307.95	56393.1	-143.12	56164.83	56171.91797	56115.21802	56119.95313	504528.7	5409112.4
L4530.0	504528.7	5409114.4	1080.30005	248.60	66.25	48.834989	-86.938287	56308.13	56393.1	-143.12	56165.01	56172.09766	56115.17840	56119.91797	504528.7	5409114.4
L4530.0	504528.7	5409116.2	1080.40002	248.58	51.27	48.835005	-86.938287	56307.61	56393.1	-143.12	56164.50	56171.58594	56115.17861	56119.92578	504528.7	5409116.2
L4530.0	504528.7	5409116.2	1080.50000	246.70	51.67	48.835005	-86.938287	56307.80	56393.1	-143.11	56164.68	56171.76563	56115.12667	56119.87891	504528.7	5409116.2
L4530.0	504528.7	5409117.9	1080.59998	246.53	51.67	48.835020	-86.938287	56307.62	56393.1	-143.11	56164.51	56171.58984	56115.09194	56119.85156	504528.7	5409117.9
L4530.0	504528.7	5409119.4	1080.69995	245.96	65.43	48.835034	-86.938287	56308.20	56393.1	-143.11	56165.09	56172.16016	56115.00111	56119.76172	504528.7	5409119.4
L4530.0	504528.7	5409120.6	1080.80005	247.13	65.43	48.835045	-86.938288	56307.54	56393.1	-143.11	56164.42	56171.48438	56114.98755	56119.75000	504528.7	5409120.6
L4530.0	504528.7	5409121.7	1080.90002	246.75	66.62	48.835054	-86.938288	56307.19	56393.1	-143.11	56164.08	56171.13281	56114.94594	56119.71094	504528.7	5409121.7
L4530.0	504528.7	5409123.1	1081.00000	248.29	64.62	48.835067	-86.938288	56307.66	56393.1	-143.11	56164.55	56171.58984	56114.84432	56119.60938	504528.7	5409123.1
L4530.0	504528.7	5409123.1	1081.09998	248.94	64.43	48.835067	-86.938288	56307.54	56393.1	-143.10	56164.44	56171.46484	56114.77538	56119.53906	504528.7	5409123.1
L4530.0	504528.6	5409125.0	1081.19995	247.79	64.43	48.835085	-86.938288	56307.13	56393.1	-143.09	56164.04	56171.04688	56114.71983	56119.48047	504528.6	5409125.0
L4530.0	504528.6	5409126.4	1081.30005	247.45	62.82	48.835097	-86.938288	56307.19	56393.1	-143.08	56164.11	56171.10156	56114.62702	56119.38281	504528.6	5409126.4
L4530.0	504528.6	5409127.9	1081.40002	246.23	62.82	48.835110	-86.938288	56306.39	56393.1	-143.07	56163.31	56170.28125	56114.58632	56119.33984	504528.6	5409127.9
L4530.0	504528.6	5409127.9	1081.50000	249.07	56.08	48.835110	-86.938288	56306.49	56393.1	-143.07	56163.42	56170.37109	56114.47910	56119.22656	504528.6	5409127.9
L4530.0	504528.6	5409129.3	1081.59998	249.25	69.73	48.835123	-86.938289	56306.67	56393.1	-143.06	56163.62	56170.54688	56114.36005	56119.10156	504528.6	5409129.3
L4530.0	504528.6	5409131.2	1081.69995	249.10	69.73	48.835140	-86.938289	56306.57	56393	-143.05	56163.53	56170.43359	56114.25454	56118.98828	504528.6	5409131.2
L4530.0	504528.6	5409132.6	1081.80005	248.39	69.94	48.835153	-86.938289	56306.14	56393	-143.04	56163.10	56169.97656	56114.16593	56118.89063	504528.6	5409132.6
L4530.0	504528.6	5409132.6	1081.90002	247.39	70.1	48.835153	-86.938289	56306.14	56393	-143.03	56163.11	56169.95703	56114.04226	56118.75781	504528.6	5409132.6
L4530.0	504528.6	5409134.3	1082.00000	248.70	70.1	48.835168	-86.938289	56306.06	56393	-143.02	56163.04	56169.85938	56113.91823	56118.62109	504528.6	5409134.3
L4530.0	504528.6	5409136.0	1082.09998	250.45	69.86	48.835183	-86.938289	56305.93	56393	-143.02	56162.91	56169.69922	56113.79254	56118.48438	504528.6	5409136.0

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4530.0	504528.6	5409136.0	1082.19995	250.41	70.05	48.835183	-86.938289	56305.65	56393	-143.02	56162.63	56169.38672	56113.67121	56118.35156	504528.6	5409136.0
L4530.0	504528.6	5409137.5	1082.30005	250.51	70.05	48.835197	-86.938289	56305.40	56393	-143.02	56162.38	56169.10156	56113.54229	56118.20703	504528.6	5409137.5
L4530.0	504528.6	5409138.7	1082.40002	251.41	69.71	48.835207	-86.938289	56305.09	56393	-143.02	56162.07	56168.75781	56113.41180	56118.06250	504528.6	5409138.7
L4530.0	504528.6	5409140.5	1082.50000	250.78	69.71	48.835224	-86.938289	56305.01	56393	-143.02	56161.99	56168.64063	56113.26045	56117.89453	504528.6	5409140.5
L4530.0	504528.6	5409141.8	1082.59998	249.57	60.26	48.835235	-86.938289	56305.09	56393	-143.02	56162.07	56168.68359	56113.09293	56117.71094	504528.6	5409141.8
L4530.0	504528.5	5409143.1	1082.69995	247.40	68.61	48.835248	-86.938289	56304.91	56393	-143.02	56161.89	56168.46484	56112.93727	56117.53906	504528.5	5409143.1
L4530.0	504528.5	5409143.1	1082.80005	245.29	68.61	48.835248	-86.938289	56304.45	56393	-143.02	56161.43	56167.96484	56112.79483	56117.37891	504528.5	5409143.1
L4530.0	504528.5	5409144.7	1082.90002	246.26	65.43	48.835261	-86.938289	56304.23	56393	-143.02	56161.21	56167.70313	56112.63099	56117.19531	504528.5	5409144.7
L4530.0	504528.5	5409145.9	1083.00000	247.41	70.24	48.835272	-86.938289	56303.89	56393	-143.02	56160.87	56167.32031	56112.46977	56117.01172	504528.5	5409145.9
L4530.0	504528.5	5409147.9	1083.09998	247.98	70.24	48.835291	-86.938289	56303.53	56393	-143.01	56160.52	56166.92578	56112.30386	56116.82813	504528.5	5409147.9
L4530.0	504528.5	5409149.2	1083.19995	247.68	69.68	48.835302	-86.938289	56303.67	56393	-143.00	56160.67	56167.03125	56112.09930	56116.60156	504528.5	5409149.2
L4530.0	504528.5	5409149.2	1083.30005	247.68	69.68	48.835302	-86.938289	56303.48	56393	-142.99	56160.49	56166.80469	56111.91144	56116.39063	504528.5	5409149.2
L4530.0	504528.5	5409150.5	1083.40002	246.56	69.3	48.835313	-86.938289	56302.67	56393	-142.98	56159.69	56165.96094	56111.75965	56116.21484	504528.5	5409150.5
L4530.0	504528.5	5409152.1	1083.50000	245.02	69.87	48.835329	-86.938289	56302.73	56393	-142.97	56159.76	56165.98047	56111.54461	56115.97656	504528.5	5409152.1
L4530.0	504528.5	5409153.8	1083.59998	245.29	69.87	48.835344	-86.938290	56302.41	56393	-142.96	56159.45	56165.62109	56111.34969	56115.75391	504528.5	5409153.8
L4530.0	504528.5	5409153.8	1083.69995	244.54	55.72	48.835344	-86.938290	56302.36	56392.9	-142.95	56159.41	56165.53125	56111.13156	56115.51172	504528.5	5409153.8
L4530.0	504528.5	5409155.1	1083.80005	245.16	57.94	48.835355	-86.938290	56301.90	56392.9	-142.94	56158.96	56165.03125	56110.93560	56115.28906	504528.5	5409155.1
L4530.0	504528.5	5409156.8	1083.90002	243.97	57.94	48.835371	-86.938290	56301.44	56392.9	-142.93	56158.51	56164.52734	56110.73448	56115.05859	504528.5	5409156.8
L4530.0	504528.5	5409157.7	1084.00000	245.32	67.71	48.835378	-86.938290	56301.18	56392.9	-142.92	56158.26	56164.22656	56110.51488	56114.81250	504528.5	5409157.7
L4530.0	504528.5	5409159.4	1084.09998	244.30	67.71	48.835394	-86.938290	56300.88	56392.9	-142.92	56157.97	56163.88281	56110.29283	56114.55859	504528.5	5409159.4
L4530.0	504528.5	5409159.4	1084.19995	245.41	69.86	48.835394	-86.938290	56300.90	56392.9	-142.92	56157.99	56163.84766	56110.04500	56114.28125	504528.5	5409159.4
L4530.0	504528.5	5409161.0	1084.30005	246.22	69.95	48.835409	-86.938289	56300.39	56392.9	-142.91	56157.48	56163.28125	56109.82741	56114.03516	504528.5	5409161.0
L4530.0	504528.5	5409162.4	1084.40002	245.30	69.95	48.835421	-86.938289	56299.86	56392.9	-142.91	56156.95	56162.69531	56109.60607	56113.78125	504528.5	5409162.4
L4530.0	504528.5	5409164.2	1084.50000	245.29	69.95	48.835437	-86.938289	56299.81	56392.9	-142.91	56156.90	56162.58984	56109.34764	56113.49219	504528.5	5409164.2
L4530.0	504528.5	5409164.2	1084.59998	245.53	69.97	48.835437	-86.938289	56299.76	56392.9	-142.91	56156.85	56162.48047	56109.08414	56113.19531	504528.5	5409164.2
L4530.0	504528.5	5409165.3	1084.69995	246.86	69.75	48.835447	-86.938289	56299.25	56392.9	-142.91	56156.34	56161.91406	56108.84623	56112.92578	504528.5	5409165.3
L4530.0	504528.5	5409167.1	1084.80005	245.84	69.75	48.835463	-86.938289	56298.78	56392.9	-142.90	56155.88	56161.39453	56108.59993	56112.64453	504528.5	5409167.1
L4530.0	504528.5	5409168.3	1084.90002	246.25	70.09	48.835474	-86.938289	56298.53	56392.9	-142.90	56155.63	56161.08594	56108.33454	56112.34375	504528.5	5409168.3
L4530.0	504528.5	5409169.7	1085.00000	247.15	70.83	48.835486	-86.938289	56298.56	56392.9	-142.90	56155.66	56161.05469	56108.04542	56112.01953	504528.5	5409169.7
L4530.0	504528.5	5409170.9	1085.09998	247.69	70.83	48.835497	-86.938289	56297.99	56392.9	-142.90	56155.09	56160.42188	56107.79121	56111.73047	504528.5	5409170.9
L4530.0	504528.6	5409172.4	1085.19995	247.49	70.19	48.835510	-86.938289	56297.46	56392.9	-142.90	56154.56	56159.83203	56107.52925	56111.42969	504528.6	5409172.4
L4530.0	504528.6	5409172.4	1085.30005	247.40	60.71	48.835510	-86.938289	56297.02	56392.9	-142.89	56154.13	56159.33984	56107.25551	56111.12109	504528.6	5409172.4
L4530.0	504528.6	5409173.8	1085.40002	246.52	60.71	48.835523	-86.938288	56297.18	56392.9	-142.89	56154.29	56159.43750	56106.93732	56110.76563	504528.6	5409173.8
L4530.0	504528.6	5409175.4	1085.50000	245.19	60.88	48.835537	-86.938288	56296.97	56392.9	-142.89	56154.08	56159.16406	56106.63866	56110.42578	504528.6	5409175.4
L4530.0	504528.6	5409176.4	1085.59998	247.06	67.49	48.835547	-86.938288	56296.57	56392.9	-142.89	56153.68	56158.69922	56106.34752	56110.09766	504528.6	5409176.4
L4530.0	504528.6	5409177.8	1085.69995	247.49	67.49	48.835559	-86.938288	56295.95	56392.9	-142.89	56153.06	56158.01563	56106.06587	56109.77734	504528.6	5409177.8
L4530.0	504528.7	5409179.2	1085.80005	247.24	69.83	48.835572	-86.938287	56296.08	56392.9	-142.88	56153.20	56158.09375	56105.72836	56109.39844	504528.7	5409179.2
L4530.0	504528.7	5409180.5	1085.90002	246.87	69.52	48.835584	-86.938287	56295.67	56392.9	-142.88	56152.79	56157.62109	56105.42229	56109.05078	504528.7	5409180.5
L4530.0	504528.7	5409181.7	1086.00000	246.46	69.52	48.835594	-86.938287	56295.27	56392.9	-142.88	56152.39	56157.15625	56105.11030	56108.69922	504528.7	5409181.7
L4530.0	504528.7	5409181.7	1086.09998	246.96	69.02	48.835594	-86.938287	56294.93	56392.9	-142.88	56152.05	56156.75000	56104.78904	56108.33594	504528.7	5409181.7
L4530.0	504528.7	5409183.6	1086.19995	248.41	69.02	48.835612	-86.938286	56294.52	56392.9	-142.88	56151.65	56156.28516	56104.46647	56107.97266	504528.7	5409183.6
L4530.0	504528.8	5409185.3	1086.30005	247.99	68.47	48.835627	-86.938286	56294.32	56392.9	-142.88	56151.44	56156.00781	56104.12589	56107.58984	504528.8	5409185.3
L4530.0	504528.8	5409186.7	1086.40002	249.27	68.47	48.835640	-86.938285	56294.34	56392.9	-142.88	56151.47	56155.97266	56103.76394	56107.18359	504528.8	5409186.7
L4530.0	504528.8	5409188.3	1086.50000	248.61	68.89	48.835654	-86.938285	56293.53	56392.9	-142.88	56150.66	56155.09766	56103.45258	56106.82813	504528.8	5409188.3
L4530.0	504528.8	5409188.3	1086.59998	248.19	68.89	48.835654	-86.938285	56293.27	56392.9	-142.87	56150.39	56154.76172	56103.09978	56106.43359	504528.8	5409188.3
L4530.0	504528.8	5409189.9	1086.69995	248.36	69.36	48.835668	-86.938285	56293.02	56392.9	-142.87	56150.15	56154.45313	56102.73949	56106.02734	504528.8	5409189.9
L4530.0	504528.8	5409189.9	1086.80005	247.10	69.89	48.835668	-86.938285	56293.09	56392.9	-142.87	56150.22	56154.45703	56102.35301	56105.59766	504528.8	5409189.9
L4530.0	504528.8	5409191.3	1086.90002	247.48	69.89	48.835681	-86.938285	56292.52	56392.9	-142.87	56149.65	56153.82031	56102.00363	56105.20313	504528.8	5409191.3
L4530.0	504528.8	5409192.9	1087.00000	248.33	70.27	48.835695	-86.938285	56291.84	56392.9	-142.87	56148.97	56153.07422	56101.65599	56104.80859	504528.8	5409192.9
L4530.0	504528.8	5409193.9	1087.09998	247.68	70.27	48.835704	-86.938285	56291.79	56392.9	-142.87	56148.92	56152.95703	56101.26070	56104.36719	504528.8	5409193.9
L4530.0	504528.8	5409195.3	1087.19995	247.39	70.3	48.835717	-86.938286	56291.26	56392.9	-142.87	56148.39	56152.36328	56100.89172	56103.95313	504528.8	5409195.3
L4530.0	504528.7	5409196.6	1087.30005	247.64	69.9	48.835729	-86.938286	56290.59	56392.9	-142.87	56147.72	56151.62500	56100.52635	56103.54297	504528.7	5409196.6
L4530.0	504528.7	5409197.9	1087.40002	246.47	69.51	48.835740	-86.938286	56289.81	56392.9	-142.87	56146.94	56150.77734	56100.16253	56103.12891	504528.7	5409197.9
L4530.0	504528.7	5409197.9	1087.50000	247.07	69.51	48.835740	-86.938286	56289.77	56392.9	-142.87	56146.91	56150.68359	56099.74289	56102.66406	504528.7	5409197.9
L4530.0	504528.7	5409199.4	1087.59998	246.55	48.82	48.835754	-86.938287	56289.19	56392.9	-142.86	56146.32	56150.02734	56099.35472	56102.22656	504528.7	5409199.4
L4530.0	504528.6	5409200.8	1087.69995	247.34	53.98	48.835766	-86.938287	56289.09	56392.9	-142.86	56146.22	56149.85938	56098.92796	56101.75391	504528.6	5409200.8
L4530.0	504528.6	5409202.4	1087.80005	247.65	53.98	48.835781	-86.938288	56288.25	56392.9	-142.86	56145.38	56148.95313	56098.54457	56101.32031	504528.6	5409202.4
L4530.0	504528.6	5409203.9	1087.90002	247.79	67.54	48.835794	-86.938288	56287.76	56392.9	-142.86	56144.90	56148.40625	56098.13117	56100.85938	504528.6	5409203.9
L4530.0	504528.6	5409203.9	1088.00000	248.18	68.63	48.835794	-86.938288	56287.46	56392.9	-142.86	56144.60	56148.03906	56097.69971	56100.37891	504528.6	5409203.9
L4530.0	504528.5	5409205.4	1088.09998	247.53	68.63	48.835807	-86.938289	56287.20	56392.9	-142.85	56144.34	56147.71484	56097.25946	56099.88672	504528.5	5409205.4
L4530.0	504528.5	5409207.0	1088.19995	247.47	67.9	48.835822	-86.938289	56286.58	56392.8	-142.85	56143.74	56147.04688	56096.83572	56099.41406	504528.5	5409207.0
L4530.0	504528.5	5409208.3	1088.30005	247.71	67.25	48.835834	-86.938289	56286.04	56392.8	-142.84	56143.20	56146.44141	56096.40177	56098.92969	504528.5	5409208.3
L4530.0	504528.5	5409208.3	1088.40002	245.89	67.25	48.835834	-86.938289	56285.51	56392.8	-142.83	56142.68	56145.85547	56095.96022	56098.43750	504528.5	5409208.3
L4530.0	504528.5	5409210.2	1088.50000	245.82	67.19	48.835851	-86.938290	56285.54	56392.8	-142.82	56142.71	56145.82031	56095.47568	56097.90234	504528.5	5409210.2
L4530.0	504528.5	5409211.6	1088.59998	246.55	66.18	48.835864	-86.938290	56285.06	56392.8	-142.82	56142.24	56145.28516	56095.01811	56097.39453	504528.5	5409211.6
L4530.0	504528.4	5409213.1	1088.69995	247.52	66.18	48.835877	-86.938290	56284.49	56392.8	-142.81	56141.68	56144.66016	56094.56013	56096.88281	504528.4	5409213.1
L4530.0	504528.4	5409214.5	1088.80005	247.36	66.75	48.835890	-86.938290	56284.06	56392.8	-142.80	56141.26	56144.17578	56094.08634	56096.35938	504528.4	5409214.5
L4530.0	504528.4	5409215.7	1088.90002	248.13	62.04	48.835901	-86.938290	56283.65	56392.8	-142.80	56140.86	56143.71094	56093.60469	56095.82422	504528.4	5409215.7
L4530.0	504528.4	5409215.7	1089.00000	247.88	62.04	48.835901	-86.938290	56283.12	56392.8	-142.79	56140.33	56143.11719	56093.12515	56095.29297	504528.4	5409215.7
L4530.0	504528.4	5409217.1	1089.09998	247.09	65.58	48.835913	-86.938290	56282.56	56392.8	-142.79	56139.76	56142.48438	56092.64166	56094.75781	504528.4	5409217.1
L4530.0	504528.4	5409218.8	1089.19995	245.88	59.26	48.835928	-86.938290	56282.20	56392.8	-142.80	56139.40	56142.05859	56092.13750	56094.19922	504528.4	5409218.8
L4530.0	504528.4	5409220.1	1089.30005	245.78	59.26	48.835940	-86.938290	56281.63	56392.8	-142.80	56138.83	56141.42578	56091.64064	56093.64844	504528.4	5409220.1
L4530.0	504528.4	5409220.1	1089.40002	246.40	60.92	48.835940	-86.938290	56281.18	56392.8	-142.81	56138.38	56140.91406	56091.12902	56093.08203	504528.4	5409220.1
L4530.0	504528.4	5409221.6	1089.50000	247.68	60.92	48.835953	-86.938290	56280.26	56392.8	-142.81	56137.45	56139.91797	56090.64261	56092.54297	504528.4	5409221.6
L4530.0	504528.4	5409223.0	1089.59998	248.88	62.71	48.835966	-86.938291	56279.39	56392.8	-142.81	56136.58	56138.98438	56090.14537	56091.99219	504528.4	5409223.0
L4530.0	504528.4	5409224.3	1089.69995	247.95	64.62	48.835978	-86.938291	56279.43	56392.8	-142.82	56136.62	56138.96484	56089.58058	56091.37109	504528.4	5409224.3
L4530.0	504528.4	5409224.3	1089.80005	246.91	63.38	48.835978	-86.938291	56278.17	56392.8	-142.82	56135.35	56137.62891	56089.09621	56090.83203	504528.4	5409224.3
L4530.0	504528.4	5409227.3	1089.90002	245.94	63.38	48.836005	-86.938291	56277.93	56392.8	-142.83	56135.11	56137.32813	56088.53623	56090.21875	504528.4	5409227.3
L4530.0	504528.4	5409227.3	1090.00000	246.38	60.61	48.836005	-86.938291	56277.02	56392.8	-142.83	56134.19	56136.34766	56088.01460	56089.64063	504528.4	5409227.3
L4530.0	504528.3	5409228.8	1090.09998	247.39	64.36	48.836018	-86.938291	56276.86	56392.8	-142.82	56134.04	56136.13281	56087.43462	56089.00391	504528.3	5409228.8
L4530.0	504528.3	5409230.6	1090.19995	246.64	63.87	48.836034	-86.938291	56275.69	56392.8	-142.81	56132.88	56134.91406	56086.91494	56088.42969	504528.3	5409230.6
L4530.0	504528.3	5409230.6	1090.30005	246.55	63.87	48.836034	-86.938291	56275.07	56392.8	-142.80	56132.27	56134.24219	56086.35152	56087.80859	504528.3	5409230.6
L4530.0	504528.3	5409232.0	1090.40002	247.88	64.41	48.836047	-86.938291	56274.67	56392.8	-142.79	56131.87	56133.78125	56085.76700	56087.16797	504528.3	5409232.0
L4530.0	504528.3	5409233.4	1090.50000	248.82	64.41	48.836059	-86.938291	56273.40	56392.8	-142.79	56130.61	56132.45703	56085.23270	56086.57813	504528.3	5409233.4
L4530.0	504528.3	5409234.8	1090.59998	249.89	64.39	48.836072	-86.938292	56273.22	56392.8	-142.78	56130.44	56132.22656	56084.61859	56085.90625	504528.3	5409234.8
L4530.0	504528.3	5409236.1	1090.69995	250.29	63.54	48.836084	-86.938292	56272.75	56392.8	-142.77	56129.98	56131.70703	56084.01665	56085.24609	504528.3	5409236.1
L4530.0	504528.3	5409237.4	1090.80005	249.09	63.15	48.836096	-86.938292	56271.53	56392.8	-142.76	56128.77	56130.43359	56083.45753	56084.62891	504528.3	5409237.4
L4530.0	504528.3	5409237.4	1090.90002	248.08	63.15	48.836096	-86.938292	56270.31	56392.7	-142.75	56127.56	56129.16406	56082.89121	56084.00391	504528.3	5409237.4
L4530.0	504528.3	5409239.1	1091.00000	246.09	63.87	48.836111	-86.938292	56269.76	56392.7	-142.74	56127.02	56128.56250	56082.27301	56083.32813	504528.3	5409239.1
L4530.0	504528.2	5409241.0	1091.09998	245.34	61.08	48.836128	-86.938292	56269.38	56392.7	-142.73	56126.65	56128.13281	56081.63625	56082.63281	504528.2	5409241.0
L4530.0	504528.2	5409242.4	1091.19995	245.40	61.08	48.836141	-86.938292	56268.46	56392.7	-142.72	56125.74	56127.16406	56081.02825	56081.96484	504528.2	5409242.4
L4530.0	504528.2	5409242.4	1091.30005	244.00	61.08	48.836141	-86.938292	56267.40	56392.7	-142.71	56124.69	56126.05469	56080.42233	56081.30078	504528.2	5409242.4
L4530.0	504528.2	5409244.1	1091.40002	245.89	62.26	48.836156	-86.938293	56267.06	56392.7	-142.70	56124.36	56125.66406	56079.76116	56080.57813	504528.2	5409244.1

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4530.0	504528.2	5409245.6	1091.50000	246.28	63	48.836169	-86.938293	56265.56	56392.7	-142.69	56122.86	56124.10156	56079.17071	56079.92969	504528.2	5409245.6
L4530.0	504528.2	5409245.6	1091.59998	245.87	63	48.836169	-86.938293	56265.05	56392.7	-142.69	56122.36	56123.54297	56078.50632	56079.20313	504528.2	5409245.6
L4530.0	504528.2	5409247.0	1091.69995	246.70	63.32	48.836182	-86.938293	56264.56	56392.7	-142.68	56121.88	56123.00000	56077.83331	56078.46875	504528.2	5409247.0
L4530.0	504528.2	5409248.5	1091.80005	248.25	63.32	48.836196	-86.938293	56263.50	56392.7	-142.67	56120.83	56121.89063	56077.19101	56077.76563	504528.2	5409248.5
L4530.0	504528.2	5409249.9	1091.90002	246.70	55.22	48.836208	-86.938293	56262.26	56392.7	-142.66	56119.60	56120.60156	56076.55342	56077.06641	504528.2	5409249.9
L4530.0	504528.2	5409250.9	1092.00000	245.87	56.27	48.836217	-86.938293	56261.40	56392.7	-142.65	56118.75	56119.69141	56075.88319	56076.33594	504528.2	5409250.9
L4530.0	504528.2	5409252.3	1092.09998	246.57	56.27	48.836230	-86.938293	56260.58	56392.6	-142.65	56117.93	56118.80859	56075.20366	56075.59375	504528.2	5409252.3
L4530.0	504528.2	5409253.7	1092.19995	247.54	65.54	48.836242	-86.938293	56259.64	56392.6	-142.65	56116.99	56117.80859	56074.52482	56074.85156	504528.2	5409253.7
L4530.0	504528.2	5409253.7	1092.30005	246.87	63.24	48.836242	-86.938293	56258.92	56392.6	-142.65	56116.27	56117.02734	56073.82401	56074.08984	504528.2	5409253.7
L4530.0	504528.2	5409254.9	1092.40002	245.94	61.82	48.836253	-86.938293	56257.59	56392.6	-142.65	56114.95	56115.64453	56073.15589	56073.35547	504528.2	5409254.9
L4530.0	504528.2	5409256.6	1092.50000	245.84	61.82	48.836268	-86.938293	56256.73	56392.6	-142.65	56114.08	56114.71484	56072.45045	56072.58594	504528.2	5409256.6
L4530.0	504528.2	5409257.6	1092.59998	246.36	62.37	48.836278	-86.938293	56256.04	56392.6	-142.64	56113.40	56113.97266	56071.72503	56071.79688	504528.2	5409257.6
L4530.0	504528.2	5409259.3	1092.69995	246.79	62.37	48.836293	-86.938293	56255.22	56392.6	-142.64	56112.58	56113.08984	56071.00163	56071.00781	504528.2	5409259.3
L4530.0	504528.2	5409259.3	1092.80005	246.80	66.1	48.836293	-86.938293	56254.02	56392.6	-142.64	56111.38	56111.82422	56070.29625	56070.23828	504528.2	5409259.3
L4530.0	504528.2	5409261.0	1092.90002	247.11	65.85	48.836307	-86.938293	56253.11	56392.6	-142.64	56110.47	56110.85156	56069.56422	56069.44141	504528.2	5409261.0
L4530.0	504528.2	5409262.3	1093.00000	246.71	65.85	48.836319	-86.938293	56252.21	56392.6	-142.64	56109.57	56109.88672	56068.82420	56068.63672	504528.2	5409262.3
L4530.0	504528.2	5409264.0	1093.09998	247.42	51.06	48.836335	-86.938293	56251.17	56392.6	-142.64	56108.53	56108.78516	56068.08619	56067.83203	504528.2	5409264.0
L4530.0	504528.2	5409265.3	1093.19995	248.96	52.14	48.836346	-86.938292	56249.88	56392.6	-142.64	56107.25	56107.43750	56067.35687	56067.03516	504528.2	5409265.3
L4530.0	504528.2	5409266.9	1093.30005	248.96	52.14	48.836361	-86.938292	56249.02	56392.6	-142.63	56106.39	56106.51172	56066.59222	56066.20313	504528.2	5409266.9
L4530.0	504528.2	5409266.9	1093.40002	248.69	60.52	48.836361	-86.938292	56248.08	56392.6	-142.63	56105.45	56105.50781	56065.82559	56065.36719	504528.2	5409266.9
L4530.0	504528.2	5409268.2	1093.50000	248.07	62.48	48.836372	-86.938292	56246.85	56392.6	-142.63	56104.22	56104.21094	56065.07097	56064.54297	504528.2	5409268.2
L4530.0	504528.2	5409269.8	1093.59998	248.87	62.48	48.836387	-86.938292	56246.04	56392.6	-142.63	56103.41	56103.33203	56064.28103	56063.68750	504528.2	5409269.8
L4530.0	504528.2	5409271.0	1093.69995	248.04	62.48	48.836398	-86.938292	56244.70	56392.6	-142.63	56102.07	56101.92578	56063.51911	56062.85547	504528.2	5409271.0
L4530.0	504528.2	5409271.0	1093.80005	248.20	62.56	48.836398	-86.938292	56243.94	56392.6	-142.62	56101.31	56101.09766	56062.71120	56061.97656	504528.2	5409271.0
L4530.0	504528.2	5409272.6	1093.90002	248.05	61.01	48.836413	-86.938292	56242.64	56392.6	-142.62	56100.02	56099.73438	56061.93130	56061.12500	504528.2	5409272.6
L4530.0	504528.3	5409274.2	1094.00000	248.68	61.01	48.836427	-86.938292	56241.45	56392.6	-142.62	56098.82	56098.46484	56061.13809	56060.26172	504528.3	5409274.2
L4530.0	504528.3	5409275.5	1094.09998	248.03	59.73	48.836439	-86.938292	56240.47	56392.6	-142.62	56097.84	56097.41406	56060.32289	56059.37500	504528.3	5409275.5
L4530.0	504528.3	5409277.1	1094.19995	247.72	57.18	48.836453	-86.938292	56239.30	56392.6	-142.63	56096.67	56096.17188	56059.51304	56058.49219	504528.3	5409277.1
L4530.0	504528.3	5409277.1	1094.30005	246.99	52.93	48.836453	-86.938292	56238.04	56392.6	-142.63	56095.41	56094.83594	56058.70188	56057.60938	504528.3	5409277.1
L4530.0	504528.3	5409278.8	1094.40002	245.36	52.93	48.836468	-86.938292	56237.13	56392.6	-142.64	56094.49	56093.84375	56057.86074	56056.69531	504528.3	5409278.8
L4530.0	504528.3	5409280.2	1094.50000	245.89	54.37	48.836481	-86.938291	56235.78	56392.6	-142.64	56093.14	56092.41406	56057.04096	56055.80078	504528.3	5409280.2
L4530.0	504528.3	5409281.5	1094.59998	248.21	62.25	48.836492	-86.938291	56235.04	56392.6	-142.64	56092.39	56091.58984	56056.17388	56054.85938	504528.3	5409281.5
L4530.0	504528.3	5409282.8	1094.69995	247.84	62.25	48.836504	-86.938291	56233.60	56392.6	-142.65	56090.95	56090.07031	56055.34550	56053.95313	504528.3	5409282.8
L4530.0	504528.3	5409282.8	1094.80005	247.10	64.41	48.836504	-86.938291	56233.10	56392.7	-142.65	56090.45	56089.49219	56054.44716	56052.98047	504528.3	5409282.8
L4530.0	504528.3	5409284.0	1094.90002	245.84	65.12	48.836515	-86.938291	56231.00	56392.7	-142.66	56088.35	56087.30859	56053.64820	56052.10547	504528.3	5409284.0
L4530.0	504528.3	5409285.5	1095.00000	246.32	65.12	48.836528	-86.938291	56229.98	56392.7	-142.66	56087.32	56086.19922	56052.77063	56051.15234	504528.3	5409285.5
L4530.0	504528.3	5409286.8	1095.09998	245.70	62.47	48.836540	-86.938291	56229.06	56392.7	-142.66	56086.41	56085.20313	56051.87779	56050.17969	504528.3	5409286.8
L4530.0	504528.3	5409288.2	1095.19995	243.80	62.47	48.836553	-86.938292	56227.26	56392.7	-142.65	56084.61	56083.32031	56051.03703	56049.26172	504528.3	5409288.2
L4530.0	504528.3	5409289.4	1095.30005	243.29	64.35	48.836563	-86.938292	56226.36	56392.6	-142.65	56083.71	56082.33203	56050.12904	56048.27344	504528.3	5409289.4
L4530.0	504528.2	5409290.9	1095.40002	244.50	60.36	48.836577	-86.938292	56224.75	56392.6	-142.64	56082.11	56080.64453	56049.26048	56047.32422	504528.2	5409290.9
L4530.0	504528.2	5409292.2	1095.50000	245.70	58.93	48.836589	-86.938292	56224.08	56392.6	-142.64	56081.45	56079.89453	56048.32206	56046.30859	504528.2	5409292.2
L4530.0	504528.2	5409292.2	1095.59998	245.37	59.16	48.836589	-86.938292	56222.13	56392.6	-142.63	56079.49	56077.84375	56047.46311	56045.36719	504528.2	5409292.2
L4530.0	504528.2	5409293.5	1095.69995	245.23	59.16	48.836600	-86.938292	56220.66	56392.6	-142.63	56078.04	56076.30078	56046.56300	56044.38281	504528.2	5409293.5
L4530.0	504528.2	5409295.0	1095.80005	246.77	56.51	48.836614	-86.938292	56219.47	56392.6	-142.62	56076.85	56075.01563	56045.63843	56043.37891	504528.2	5409295.0
L4530.0	504528.2	5409296.3	1095.90002	246.69	56.51	48.836625	-86.938292	56218.42	56392.6	-142.61	56075.80	56073.87109	56044.69743	56042.35156	504528.2	5409296.3
L4530.0	504528.2	5409298.0	1096.00000	246.37	56.3	48.836640	-86.938293	56217.15	56392.6	-142.61	56074.54	56072.51172	56043.76336	56041.33594	504528.2	5409298.0
L4530.0	504528.2	5409298.0	1096.09998	247.53	56.66	48.836640	-86.938293	56216.18	56392.6	-142.61	56073.57	56071.44141	56042.80293	56040.28906	504528.2	5409298.0
L4530.0	504528.2	5409299.5	1096.19995	247.47	56.66	48.836654	-86.938293	56214.52	56392.6	-142.61	56071.91	56069.67969	56041.88152	56039.28125	504528.2	5409299.5
L4530.0	504528.2	5409301.4	1096.30005	246.27	60.97	48.836671	-86.938293	56212.70	56392.6	-142.62	56070.08	56067.74609	56040.96452	56038.28125	504528.2	5409301.4
L4530.0	504528.1	5409302.2	1096.40002	247.52	61.18	48.836679	-86.938293	56212.11	56392.6	-142.62	56069.49	56067.05078	56039.95797	56037.18750	504528.1	5409302.2
L4530.0	504528.1	5409303.5	1096.50000	247.49	61.18	48.836691	-86.938293	56209.99	56392.6	-142.62	56067.37	56064.82422	56039.04662	56036.18750	504528.1	5409303.5
L4530.0	504528.1	5409304.7	1096.59998	248.53	63.63	48.836701	-86.938293	56209.00	56392.6	-142.62	56066.38	56063.72266	56038.05319	56035.10547	504528.1	5409304.7
L4530.0	504528.1	5409305.9	1096.69995	248.62	63.28	48.836712	-86.938293	56207.18	56392.6	-142.62	56064.55	56061.78125	56037.10909	56034.07031	504528.1	5409305.9
L4530.0	504528.1	5409307.0	1096.80005	247.81	63.28	48.836722	-86.938293	56205.89	56392.6	-142.63	56063.27	56060.38672	56036.12175	56032.99609	504528.1	5409307.0
L4530.0	504528.1	5409307.0	1096.90002	248.03	65.2	48.836722	-86.938293	56204.61	56392.6	-142.63	56061.98	56058.98047	56035.12859	56031.91016	504528.1	5409307.0
L4530.0	504528.1	5409308.5	1097.00000	248.44	65.99	48.836736	-86.938293	56202.81	56392.6	-142.63	56060.18	56057.06250	56034.16304	56030.85156	504528.1	5409308.5
L4530.0	504528.1	5409309.8	1097.09998	249.04	65.99	48.836747	-86.938293	56201.28	56392.6	-142.63	56058.65	56055.41406	56033.17322	56029.76953	504528.1	5409309.8
L4530.0	504528.1	5409310.8	1097.19995	248.97	54.38	48.836756	-86.938293	56199.61	56392.6	-142.63	56056.97	56053.61328	56032.18724	56028.69141	504528.1	5409310.8
L4530.0	504528.1	5409312.4	1097.30005	247.22	54.38	48.836770	-86.938293	56198.32	56392.6	-142.64	56055.68	56052.19531	56031.16924	56027.57813	504528.1	5409312.4
L4530.0	504528.1	5409314.1	1097.40002	248.18	58.36	48.836785	-86.938293	56196.12	56392.6	-142.64	56053.48	56049.87109	56030.20602	56026.52344	504528.1	5409314.1
L4530.0	504528.1	5409314.1	1097.50000	248.84	60.55	48.836785	-86.938293	56195.09	56392.6	-142.64	56052.45	56048.71094	56029.15908	56025.37891	504528.1	5409314.1
L4530.0	504528.1	5409315.5	1097.59998	250.87	60.55	48.836798	-86.938293	56192.82	56392.6	-142.64	56050.18	56046.30859	56028.18923	56024.31250	504528.1	5409315.5
L4530.0	504528.2	5409317.1	1097.69995	250.20	57.28	48.836812	-86.938293	56191.06	56392.6	-142.64	56048.42	56044.41797	56027.18000	56023.20703	504528.2	5409317.1
L4530.0	504528.2	5409318.2	1097.80005	248.52	59.54	48.836823	-86.938293	56189.58	56392.6	-142.65	56046.93	56042.79297	56026.14758	56022.07422	504528.2	5409318.2
L4530.0	504528.2	5409319.9	1097.90002	249.88	59.54	48.836838	-86.938292	56187.06	56392.6	-142.65	56044.42	56040.14453	56025.17816	56021.00781	504528.2	5409319.9
L4530.0	504528.2	5409319.9	1098.00000	251.08	58.12	48.836838	-86.938292	56186.14	56392.7	-142.65	56043.49	56039.07422	56024.09864	56019.82813	504528.2	5409319.9
L4530.0	504528.2	5409321.5	1098.09998	249.84	57.82	48.836852	-86.938292	56184.09	56392.7	-142.65	56041.44	56036.87891	56023.08924	56018.71875	504528.2	5409321.5
L4530.0	504528.2	5409322.8	1098.19995	251.45	57.82	48.836864	-86.938292	56182.49	56392.7	-142.66	56039.83	56035.12500	56022.04621	56017.57422	504528.2	5409322.8
L4530.0	504528.2	5409324.1	1098.30005	252.89	52.59	48.836875	-86.938292	56180.70	56392.7	-142.66	56038.04	56033.18750	56021.01116	56016.43750	504528.2	5409324.1
L4530.0	504528.2	5409324.1	1098.40002	253.24	56.35	48.836875	-86.938292	56178.46	56392.7	-142.67	56035.79	56030.78906	56020.00302	56015.32813	504528.2	5409324.1
L4530.0	504528.2	5409326.0	1098.50000	251.40	56.35	48.836893	-86.938292	56177.06	56392.7	-142.67	56034.38	56029.22656	56018.93542	56014.15625	504528.2	5409326.0
L4530.0	504528.2	5409327.6	1098.59998	251.77	61.57	48.836907	-86.938291	56174.22	56392.7	-142.67	56031.54	56026.23047	56017.96002	56013.07422	504528.2	5409327.6
L4530.0	504528.3	5409329.5	1098.69995	251.49	61.57	48.836924	-86.938291	56172.68	56392.7	-142.68	56030.01	56024.54688	56016.89447	56011.90234	504528.3	5409329.5
L4530.0	504528.3	5409331.0	1098.80005	252.76	64.64	48.836937	-86.938291	56170.63	56392.7	-142.68	56027.94	56022.31641	56015.86246	56010.76563	504528.3	5409331.0
L4530.0	504528.3	5409331.0	1098.90002	250.49	64.64	48.836937	-86.938291	56168.27	56392.7	-142.69	56025.59	56019.80469	56014.84703	56009.64453	504528.3	5409331.0
L4530.0	504528.3	5409332.9	1099.00000	248.32	58.83	48.836954	-86.938291	56166.46	56392.7	-142.69	56023.77	56017.82422	56013.79456	56008.48438	504528.3	5409332.9
L4530.0	504528.3	5409334.1	1099.09998	248.47	58.83	48.836965	-86.938290	56164.01	56392.7	-142.69	56021.32	56015.20703	56012.78280	56007.36328	504528.3	5409334.1
L4530.0	504528.3	5409334.1	1099.19995	249.02	64.39	48.836965	-86.938290	56162.41	56392.7	-142.69	56019.72	56013.43750	56011.71350	56006.18359	504528.3	5409334.1
L4530.0	504528.3	5409335.4	1099.30005	250.51	64.39	48.836977	-86.938290	56160.16	56392.7	-142.69	56017.47	56011.01953	56010.68712	56005.05078	504528.3	5409335.4
L4530.0	504528.3	5409336.7	1099.40002	249.94	65.61	48.836989	-86.938290	56157.97	56392.7	-142.69	56015.28	56008.65625	56009.65679	56003.91016	504528.3	5409336.7
L4530.0	504528.3	5409338.4	1099.50000	249.89	65.61	48.837004	-86.938290	56155.61	56392.7	-142.69	56012.92	56006.12109	56008.63834	56002.77734	504528.3	5409338.4
L4530.0	504528.3	5409340.1	1099.59998	250.28	58	48.837019	-86.938290	56153.61	56392.7	-142.69	56010.92	56003.94531	56007.59695	56001.62500	504528.3	5409340.1
L4530.0	504528.3	5409340.1	1099.69995	250.50	58.51	48.837019	-86.938290	56151.20	56392.7	-142.69	56008.51	56001.35547	56006.58450	56000.50000	504528.3	5409340.1
L4530.0	504528.4	5409342.0	1099.80005	249.06	63.06	48.837036	-86.938289	56148.57	56392.7	-142.69	56005.88	55998.54688	56005.58888	55999.39063	504528.4	5409342.0
L4530.0	504528.4	5409343.7	1099.90002	248.53	63.06	48.837052	-86.938289	56145.74	56392.7	-142.69	56003.05	55995.53516	56004.60935	55998.29688	504528.4	5409343.7
L4530.0	504528.4	5409343.7	1100.00000	247.00	63.06	48.837052	-86.938289	56143.79	56392.7	-142.69	56001.10	55993.39844	56003.57451	55997.14844	504528.4	5409343.7
L4530.0	504528.4	5409345.0	1100.09998	245.44	61.31	48.837063	-86.938289	56141.46	56392.7	-142.69	55998.78	55990.89063	56002.56832	55996.02734	504528.4	5409345.0
L4530.0	504528.4	5409346.3	1100.19995	245.21	56.65	48.837075	-86.938289	56139.16	56392.7	-142.68	55996.48	55988.40234	56001.56546	55994.90625	504528.4	5409346.3
L4530.0	504528.4	5409348.0	1100.30005	245.79	56.65	48.837091	-86.938288	56136.50	56392.7	-142.68	55993.83	55985.56250	56000.59127	55993.81641	504528.4	5409348.0
L4530.0	504528.4	5409349.2	1100.40002	245.05	63.23	48.837101	-86.938288	56134.13	56392.7	-142.67	55991.46	55983.00000	55999.60445	55992.71094	504528.4	5409349.2
L4530.0	504528.5	5409350.7	1100.50000	243.87	63.23	48.837114	-86.938288	56131.35	56392.7	-142.67	55988.68	55980.02734	55998.65175	55991.64063	504528.5	5409350.7
L4530.0	504528.5	5409350.7	1100.59998	243.40	64.99	48.837114	-86.938288	56128.87	56392.7	-142.67	55986.20	55977.35156	55997.68659	55990.55859	504528.5	5409350.7
L4530.0	504528.5	5409351.8	1100.69995	242.12	62.62	48.837125	-86.938288	56126.06	56392.7	-142.66	55983.40	55974.35547	55996.75108	55989.50391	504528.5	5409351.8

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4530.0	504528.5	5409353.3	1100.80005	242.29	62.62	48.837139	-86.938288	56123.15	56392.7	-142.66	55980.49	55971.24609	55995.83203	55988.46484	504528.5	5409353.3
L4530.0	504528.5	5409355.0	1100.90002	243.66	55.64	48.837153	-86.938288	56121.21	56392.7	-142.65	55978.55	55969.10547	55994.85829	55987.37109	504528.5	5409355.0
L4530.0	504528.5	5409355.0	1101.00000	243.82	59.09	48.837153	-86.938288	56118.19	56392.7	-142.65	55975.54	55965.89453	55993.96670	55986.35547	504528.5	5409355.0
L4530.0	504528.5	5409357.1	1101.09998	244.14	59.09	48.837173	-86.938287	56115.67	56392.7	-142.66	55973.01	55963.16016	55993.05481	55985.32422	504528.5	5409357.1
L4530.0	504528.5	5409358.6	1101.19995	243.78	61.78	48.837185	-86.938287	56112.55	56392.7	-142.67	55969.88	55959.82813	55992.19554	55984.34375	504528.5	5409358.6
L4530.0	504528.5	5409358.6	1101.30005	244.38	61.78	48.837185	-86.938287	56110.11	56392.7	-142.68	55967.43	55957.17188	55991.30447	55983.32813	504528.5	5409358.6
L4530.0	504528.5	5409360.3	1101.40002	245.12	61.37	48.837201	-86.938287	56107.67	56392.7	-142.69	55964.98	55954.51563	55990.42789	55982.33203	504528.5	5409360.3
L4530.0	504528.5	5409361.7	1101.50000	243.76	61.31	48.837214	-86.938287	56104.34	56392.7	-142.70	55961.64	55950.96875	55989.62610	55981.40625	504528.5	5409361.7
L4530.0	504528.5	5409363.1	1101.59998	245.77	61.31	48.837226	-86.938287	56102.00	56392.7	-142.71	55959.29	55948.41016	55988.77477	55980.42969	504528.5	5409363.1
L4530.0	504528.5	5409365.0	1101.69995	247.94	49.71	48.837244	-86.938287	56098.69	56392.7	-142.72	55955.97	55944.88281	55988.00557	55979.53906	504528.5	5409365.0
L4530.0	504528.5	5409365.0	1101.80005	247.86	49.71	48.837244	-86.938287	56095.48	56392.7	-142.73	55952.75	55941.45313	55987.24821	55978.65625	504528.5	5409365.0
L4530.0	504528.5	5409366.2	1101.90002	248.37	53.24	48.837254	-86.938287	56092.80	56392.7	-142.74	55950.06	55938.55078	55986.47505	55977.75781	504528.5	5409366.2
L4530.0	504528.5	5409368.0	1102.00000	247.21	53.24	48.837270	-86.938287	56090.14	56392.8	-142.75	55947.39	55935.66797	55985.72116	55976.87891	504528.5	5409368.0
L4530.0	504528.5	5409368.0	1102.09998	248.12	62.07	48.837270	-86.938287	56087.51	56392.7	-142.75	55944.76	55932.82813	55984.98629	55976.01953	504528.5	5409368.0
L4530.0	504528.5	5409369.4	1102.19995	246.89	62.35	48.837283	-86.938287	56084.02	56392.7	-142.75	55941.28	55929.13672	55984.33085	55975.23828	504528.5	5409369.4
L4530.0	504528.5	5409370.7	1102.30005	246.50	62.35	48.837294	-86.938287	56081.96	56392.7	-142.74	55939.22	55926.86328	55983.60462	55974.38672	504528.5	5409370.7
L4530.0	504528.5	5409371.9	1102.40002	246.06	59.34	48.837305	-86.938288	56078.13	56392.7	-142.74	55935.39	55922.82031	55983.02135	55973.67969	504528.5	5409371.9
L4530.0	504528.5	5409373.3	1102.50000	247.14	59.34	48.837318	-86.938288	56075.29	56392.7	-142.74	55932.55	55919.76563	55982.39817	55972.92969	504528.5	5409373.3
L4530.0	504528.5	5409375.1	1102.59998	249.08	59.66	48.837334	-86.938288	56073.34	56392.7	-142.74	55930.61	55917.61328	55981.74220	55972.14844	504528.5	5409375.1
L4530.0	504528.5	5409375.1	1102.69995	247.25	61.97	48.837334	-86.938288	56070.11	56392.7	-142.74	55927.37	55914.16016	55981.20120	55971.48047	504528.5	5409375.1
L4530.0	504528.5	5409376.7	1102.80005	246.41	60.61	48.837349	-86.938288	56067.38	56392.7	-142.73	55924.64	55911.21875	55980.65565	55970.80859	504528.5	5409376.7
L4530.0	504528.5	5409377.8	1102.90002	247.78	60.61	48.837359	-86.938288	56064.32	56392.7	-142.73	55921.58	55907.94531	55980.16264	55970.19141	504528.5	5409377.8
L4530.0	504528.4	5409379.1	1103.00000	249.90	62.86	48.837370	-86.938288	56062.22	56392.7	-142.73	55919.49	55905.64453	55979.63662	55969.53906	504528.4	5409379.1
L4530.0	504528.4	5409380.5	1103.09998	251.69	62.86	48.837383	-86.938288	56059.54	56392.7	-142.73	55916.80	55902.74219	55979.18335	55968.96094	504528.4	5409380.5
L4530.0	504528.4	5409382.1	1103.19995	251.90	63.1	48.837398	-86.938288	56056.83	56392.7	-142.73	55914.09	55899.82422	55978.76525	55968.41406	504528.4	5409382.1
L4530.0	504528.4	5409382.1	1103.30005	251.90	63.1	48.837398	-86.938288	56054.61	56392.7	-142.74	55911.87	55897.39453	55978.34939	55967.87500	504528.4	5409382.1
L4530.0	504528.4	5409383.6	1103.40002	251.04	62.69	48.837410	-86.938288	56051.57	56392.7	-142.74	55908.83	55894.14453	55978.02417	55967.42188	504528.4	5409383.6
L4530.0	504528.4	5409384.8	1103.50000	250.13	61.5	48.837421	-86.938288	56049.59	56392.7	-142.74	55906.85	55891.95703	55977.66527	55966.93750	504528.4	5409384.8
L4530.0	504528.4	5409386.7	1103.59998	248.60	61.5	48.837439	-86.938288	56047.45	56392.7	-142.74	55904.70	55889.59766	55977.35570	55966.50391	504528.4	5409386.7
L4530.0	504528.4	5409386.7	1103.69995	247.54	62.97	48.837439	-86.938288	56045.37	56392.7	-142.74	55902.62	55887.31250	55977.08045	55966.10547	504528.4	5409386.7
L4530.0	504528.4	5409388.1	1103.80005	247.04	63.59	48.837452	-86.938288	56042.74	56392.7	-142.75	55899.99	55884.48047	55976.88180	55965.78125	504528.4	5409388.1
L4530.0	504528.5	5409389.8	1103.90002	247.12	63.59	48.837467	-86.938288	56040.96	56392.7	-142.75	55898.22	55882.50781	55976.66666	55965.44141	504528.5	5409389.8
L4530.0	504528.5	5409391.3	1104.00000	245.65	63.81	48.837480	-86.938288	56039.12	56392.8	-142.75	55896.37	55880.45313	55976.49858	55965.14844	504528.5	5409391.3
L4530.0	504528.5	5409391.3	1104.09998	244.82	63.29	48.837480	-86.938288	56037.15	56392.8	-142.76	55894.39	55878.27344	55976.38173	55964.90625	504528.5	5409391.3
L4530.0	504528.5	5409393.0	1104.19995	245.28	62.1	48.837495	-86.938288	56036.04	56392.8	-142.77	55893.27	55876.95703	55976.25091	55964.65234	504528.5	5409393.0
L4530.0	504528.5	5409394.4	1104.30005	245.81	62.1	48.837508	-86.938287	56034.12	56392.8	-142.78	55891.34	55874.83203	55976.21819	55964.49609	504528.5	5409394.4
L4530.0	504528.5	5409396.1	1104.40002	248.06	55.8	48.837523	-86.938287	56032.29	56392.8	-142.79	55889.51	55872.80469	55976.22361	55964.37891	504528.5	5409396.1
L4530.0	504528.5	5409396.1	1104.50000	247.56	54.49	48.837523	-86.938287	56031.61	56392.8	-142.79	55888.81	55871.91406	55976.19914	55964.23438	504528.5	5409396.1
L4530.0	504528.5	5409397.8	1104.59998	249.14	54.49	48.837539	-86.938287	56030.02	56392.8	-142.80	55887.21	55870.12500	55976.28071	55964.19531	504528.5	5409397.8
L4530.0	504528.5	5409399.2	1104.69995	248.33	62.69	48.837551	-86.938287	56029.59	56392.8	-142.81	55886.77	55869.49609	55976.33151	55964.12500	504528.5	5409399.2
L4530.0	504528.5	5409400.9	1104.80005	247.61	62.69	48.837566	-86.938287	56028.72	56392.8	-142.82	55885.90	55868.44141	55976.45801	55964.12891	504528.5	5409400.9
L4530.0	504528.5	5409402.5	1104.90002	247.07	60.34	48.837581	-86.938287	56027.86	56392.8	-142.83	55885.03	55867.39063	55976.63195	55964.18359	504528.5	5409402.5
L4530.0	504528.5	5409402.5	1105.00000	246.78	60.34	48.837581	-86.938287	56027.72	56392.8	-142.84	55884.88	55867.05859	55976.80567	55964.23828	504528.5	5409402.5
L4530.0	504528.5	5409403.9	1105.09998	247.06	62.69	48.837594	-86.938287	56027.89	56392.8	-142.84	55885.05	55867.05078	55977.00610	55964.32031	504528.5	5409403.9
L4530.0	504528.5	5409405.5	1105.19995	246.71	62.69	48.837607	-86.938287	56027.34	56392.8	-142.85	55884.49	55866.31641	55977.30344	55964.50000	504528.5	5409405.5
L4530.0	504528.5	5409405.5	1105.30005	244.75	62.4	48.837607	-86.938287	56027.36	56392.8	-142.85	55884.51	55866.16797	55977.61049	55964.69141	504528.5	5409405.5
L4530.0	504528.5	5409407.3	1105.40002	245.75	62.4	48.837624	-86.938286	56028.55	56392.9	-142.85	55885.70	55867.18750	55977.88797	55964.85547	504528.5	5409407.3
L4530.0	504528.5	5409408.8	1105.50000	246.05	60.91	48.837638	-86.938286	56028.29	56392.9	-142.85	55885.44	55866.76563	55978.31053	55965.16016	504528.5	5409408.8
L4530.0	504528.5	5409410.2	1105.59998	245.93	60.91	48.837650	-86.938286	56029.48	56392.9	-142.86	55886.62	55867.78125	55978.68541	55965.42188	504528.5	5409410.2
L4530.0	504528.6	5409411.4	1105.69995	246.90	57.9	48.837661	-86.938286	56030.57	56392.9	-142.86	55887.71	55868.71484	55979.11445	55965.73828	504528.6	5409411.4
L4530.0	504528.6	5409412.6	1105.80005	247.92	57.9	48.837671	-86.938286	56032.17	56392.9	-142.86	55889.30	55870.14844	55979.55805	55966.07031	504528.6	5409412.6
L4530.0	504528.6	5409412.6	1105.90002	247.43	58.22	48.837671	-86.938286	56033.86	56392.9	-142.87	55890.99	55871.68750	55980.04259	55966.44141	504528.6	5409412.6
L4530.0	504528.6	5409414.0	1106.00000	246.74	57.09	48.837684	-86.938286	56035.45	56392.9	-142.87	55892.58	55873.13281	55980.58098	55966.87109	504528.6	5409414.0
L4530.0	504528.6	5409415.7	1106.09998	246.10	57.09	48.837699	-86.938286	56037.30	56392.9	-142.87	55894.43	55874.83984	55981.14878	55967.32813	504528.6	5409415.7
L4530.0	504528.6	5409417.2	1106.19995	246.79	58.75	48.837713	-86.938286	56039.22	56392.9	-142.87	55896.35	55876.61719	55981.75810	55967.83203	504528.6	5409417.2
L4530.0	504528.6	5409417.2	1106.30005	247.24	58.75	48.837713	-86.938286	56041.32	56392.9	-142.87	55898.45	55878.58203	55982.40101	55968.36719	504528.6	5409417.2
L4530.0	504528.6	5409418.8	1106.40002	247.13	57.72	48.837728	-86.938286	56043.83	56392.9	-142.87	55900.95	55880.95313	55983.06215	55968.92188	504528.6	5409418.8
L4530.0	504528.6	5409420.3	1106.50000	244.36	57.72	48.837741	-86.938286	56046.63	56392.9	-142.88	55903.76	55883.63281	55983.74678	55969.50391	504528.6	5409420.3
L4530.0	504528.6	5409421.9	1106.59998	242.63	57.98	48.837755	-86.938286	56049.70	56392.9	-142.88	55906.82	55886.57031	55984.45809	55970.10938	504528.6	5409421.9
L4530.0	504528.6	5409421.9	1106.69995	243.86	56.62	48.837755	-86.938286	56052.28	56392.9	-142.88	55909.40	55889.03125	55985.24387	55970.79688	504528.6	5409421.9
L4530.0	504528.6	5409423.4	1106.80005	244.37	56.62	48.837769	-86.938286	56055.76	56392.9	-142.88	55912.88	55892.39844	55986.01119	55971.46094	504528.6	5409423.4
L4530.0	504528.6	5409424.8	1106.90002	244.56	56.62	48.837781	-86.938286	56058.50	56392.9	-142.88	55915.62	55895.02734	55986.86838	55972.21875	504528.6	5409424.8
L4530.0	504528.6	5409426.5	1107.00000	245.61	57.36	48.837796	-86.938286	56062.44	56392.9	-142.88	55919.56	55898.86328	55987.68506	55972.93750	504528.6	5409426.5
L4530.0	504528.6	5409426.5	1107.09998	246.53	58.75	48.837796	-86.938286	56065.96	56392.9	-142.88	55923.07	55902.27344	55988.56880	55973.72656	504528.6	5409426.5
L4530.0	504528.6	5409428.1	1107.19995	246.39	58.75	48.837812	-86.938285	56069.72	56392.9	-142.89	55926.84	55905.94531	55989.47246	55974.53516	504528.6	5409428.1
L4530.0	504528.6	5409429.6	1107.30005	246.87	55.82	48.837824	-86.938285	56073.48	56392.9	-142.89	55930.59	55909.60547	55990.41352	55975.38281	504528.6	5409429.6
L4530.0	504528.6	5409430.8	1107.40002	246.53	55.51	48.837835	-86.938285	56077.42	56392.9	-142.89	55934.53	55913.46094	55991.37673	55976.25391	504528.6	5409430.8
L4530.0	504528.6	5409432.7	1107.50000	245.02	55.51	48.837853	-86.938285	56080.95	56392.9	-142.90	55938.06	55916.91016	55992.40084	55977.18750	504528.6	5409432.7
L4530.0	504528.6	5409432.7	1107.59998	244.51	56.74	48.837853	-86.938285	56085.23	56392.9	-142.90	55942.34	55921.11328	55993.40721	55978.10547	504528.6	5409432.7
L4530.0	504528.6	5409434.2	1107.69995	245.92	56.74	48.837866	-86.938285	56089.84	56392.9	-142.90	55946.94	55925.64063	55994.42318	55979.03125	504528.6	5409434.2
L4530.0	504528.6	5409435.4	1107.80005	245.51	60.04	48.837877	-86.938285	56093.93	56392.9	-142.90	55951.03	55929.66406	55995.50272	55980.02734	504528.6	5409435.4
L4530.0	504528.7	5409436.9	1107.90002	246.33	55.87	48.837890	-86.938284	56097.78	56392.9	-142.91	55954.87	55933.44141	55996.62713	55981.06641	504528.7	5409436.9
L4530.0	504528.7	5409438.7	1108.00000	243.96	55.87	48.837907	-86.938284	56101.88	56392.9	-142.91	55958.96	55937.47656	55997.76168	55982.11719	504528.7	5409438.7
L4530.0	504528.7	5409438.7	1108.09998	242.73	55.83	48.837907	-86.938284	56106.58	56392.9	-142.92	55963.66	55942.12500	55998.88096	55983.15625	504528.7	5409438.7
L4530.0	504528.7	5409440.3	1108.19995	243.53	55.83	48.837920	-86.938284	56111.46	56392.9	-142.93	55968.53	55946.94922	56000.01289	55984.21094	504528.7	5409440.3
L4530.0	504528.7	5409441.9	1108.30005	244.62	58.07	48.837935	-86.938284	56115.70	56392.9	-142.94	55972.75	55951.12891	56001.21070	55985.33203	504528.7	5409441.9
L4530.0	504528.7	5409441.9	1108.40002	246.00	58.76	48.837935	-86.938284	56119.73	56393	-142.95	55976.78	55955.12109	56002.44232	55986.48828	504528.7	5409441.9
L4530.0	504528.7	5409443.4	1108.50000	245.36	58.76	48.837948	-86.938284	56124.41	56393	-142.96	55981.45	55959.76172	56003.65096	55987.62109	504528.7	5409443.4
L4530.0	504528.7	5409444.5	1108.59998	244.56	53.54	48.837959	-86.938284	56128.56	56393	-142.97	55985.59	55963.87891	56004.91322	55988.81250	504528.7	5409444.5
L4530.0	504528.7	5409446.0	1108.69995	243.36	53.54	48.837972	-86.938284	56133.10	56393	-142.98	55990.12	55968.38672	56006.16634	55989.99609	504528.7	5409446.0
L4530.0	504528.7	5409447.2	1108.80005	242.63	56.14	48.837983	-86.938284	56137.54	56393	-142.99	55994.54	55972.79297	56007.44226	55991.20313	504528.7	5409447.2
L4530.0	504528.7	5409448.4	1108.90002	241.73	52.66	48.837993	-86.938284	56141.37	56393	-143.00	55998.37	55976.61328	56008.77157	55992.46484	504528.7	5409448.4
L4530.0	504528.7	5409449.9	1109.00000	239.91	58.06	48.838007	-86.938284	56146.17	56393	-143.01	56003.16	55981.39844	56010.04957	55993.67969	504528.7	5409449.9
L4530.0	504528.7	5409449.9	1109.09998	239.35	58.06	48.838007	-86.938284	56150.44	56393	-143.01	56007.42	55985.66016	56011.37423	55994.94141	504528.7	5409449.9
L4530.0	504528.7	5409451.5	1109.19995	240.90	52.92	48.838022	-86.938284	56154.70	56393	-143.02	56011.67	55989.91797	56012.70954	55996.21484	504528.7	5409451.5
L4530.0	504528.7	5409452.8	1109.30005	242.23	58.1	48.838033	-86.938284	56158.67	56393	-143.03	56015.65	55993.91016	56014.07154	55997.51563	504528.7	5409452.8
L4530.0	504528.7	5409454.3	1109.40002	243.93	58.1	48.838047	-86.938284	56162.54	56393	-143.03	56019.51	55997.78906	56015.44892	55998.83594	504528.7	5409454.3
L4530.0	504528.7	5409454.3	1109.50000	244.62	47.8	48.838047	-86.938284	56167.44	56393	-143.03	56024.40	56002.70313	56016.76377	56000.09766	504528.7	5409454.3
L4530.0	504528.7	5409457.3	1109.59998	244.40	47.8	48.838074	-86.938284	56171.14	56393	-143.04	56028.10	56006.42969	56018.16283	56001.44531	504528.7	5409457.3
L4530.0	504528.7	5409457.3	1109.69995	243.22	54.61	48.838074	-86.938284	56174.91	56393	-143.04	56031.86	56010.22266	56019.56159	56002.79297	504528.7	5409457.3
L4530.0	504528.6	5409459.0	1109.80005	243.39	54.61	48.838089	-86.938284	56179.18	56393	-143.05	56036.13	56014.53125	56020.92886	56004.10938	504528.6	5409459.0
L4530.0	504528.6	5409461.0	1109.90002	242.77	58.9	48.838107	-86.938285	56182.87	56393.1	-143.06	56039.82	56018.26563	56022.33617	56005.46875	504528.6	5409461.0
L4530.0	504528.6	5409461.0	1110.00000	242.70	58.9	48.838107	-86.938285	56186.49	56393.1	-143.06	56043.43	56021.92578	56023.74909	56006.83594	504528.6	5409461.0

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4530.0	504528.6	5409462.7	1110.09998	243.67	56.67	48.838122	-86.938285	56190.32	56393.1	-143.06	56047.25	56025.79688	56025.14721	56008.19141	504528.6	5409462.7
L4530.0	504528.6	5409464.1	1110.19995	243.90	56.67	48.838135	-86.938285	56193.92	56393.1	-143.07	56050.86	56029.46875	56026.55749	56009.56250	504528.6	5409464.1
L4530.0	504528.6	5409465.6	1110.30005	245.86	57.37	48.838148	-86.938285	56197.73	56393.1	-143.07	56054.67	56033.33984	56027.95161	56010.91797	504528.6	5409465.6
L4530.0	504528.6	5409467.0	1110.40002	248.74	58.79	48.838161	-86.938285	56201.29	56393.1	-143.07	56058.22	56036.96094	56029.35927	56012.28906	504528.6	5409467.0
L4530.0	504528.6	5409467.0	1110.50000	248.05	58.79	48.838161	-86.938285	56204.61	56393.1	-143.07	56061.53	56040.34375	56030.77820	56013.67188	504528.6	5409467.0
L4530.0	504528.6	5409468.7	1110.59998	248.81	59.55	48.838176	-86.938285	56208.09	56393.1	-143.08	56065.01	56043.90234	56032.18019	56015.04297	504528.6	5409468.7
L4530.0	504528.6	5409470.4	1110.69995	248.78	59.55	48.838191	-86.938285	56211.53	56393.1	-143.08	56068.45	56047.42578	56033.57838	56016.41016	504528.6	5409470.4
L4530.0	504528.6	5409470.4	1110.80005	249.11	59.15	48.838191	-86.938285	56214.36	56393.1	-143.08	56071.28	56050.34766	56035.00996	56017.81250	504528.6	5409470.4
L4530.0	504528.6	5409471.8	1110.90002	248.43	59.15	48.838204	-86.938285	56217.69	56393.1	-143.09	56074.60	56053.76172	56036.40080	56019.17578	504528.6	5409471.8
L4530.0	504528.6	5409473.7	1111.00000	248.44	57.55	48.838221	-86.938285	56221.15	56393.1	-143.09	56078.06	56057.31641	56037.77351	56020.52344	504528.6	5409473.7
L4530.0	504528.6	5409473.7	1111.09998	249.66	56.12	48.838221	-86.938285	56224.08	56393.1	-143.09	56080.99	56060.35156	56039.17205	56021.90234	504528.6	5409473.7
L4530.0	504528.6	5409475.2	1111.19995	250.82	56.12	48.838235	-86.938285	56227.06	56393.1	-143.09	56083.96	56063.42578	56040.55773	56023.26563	504528.6	5409475.2
L4530.0	504528.6	5409476.6	1111.30005	249.73	59.38	48.838247	-86.938285	56229.90	56393.1	-143.09	56086.81	56066.39063	56041.94059	56024.63281	504528.6	5409476.6
L4530.0	504528.6	5409477.8	1111.40002	252.72	59.38	48.838258	-86.938285	56232.38	56393.1	-143.09	56089.29	56068.98438	56043.33669	56026.01172	504528.6	5409477.8
L4530.0	504528.6	5409479.4	1111.50000	254.19	57.9	48.838272	-86.938285	56235.40	56393.1	-143.10	56092.30	56072.11719	56044.68546	56027.34375	504528.6	5409479.4
L4530.0	504528.6	5409479.4	1111.59998	253.69	57.9	48.838272	-86.938285	56238.12	56393.1	-143.10	56095.03	56074.96875	56046.04036	56028.68750	504528.6	5409479.4
L4530.0	504528.6	5409480.9	1111.69995	253.39	56.71	48.838286	-86.938285	56241.50	56393.1	-143.10	56098.40	56078.46875	56047.33956	56029.97656	504528.6	5409480.9
L4530.0	504528.6	5409482.2	1111.80005	252.54	56.71	48.838297	-86.938285	56243.66	56393.1	-143.10	56100.56	56080.76172	56048.70591	56031.33594	504528.6	5409482.2
L4530.0	504528.6	5409483.9	1111.90002	251.77	56.5	48.838313	-86.938285	56246.52	56393.1	-143.10	56103.42	56083.75781	56050.01163	56032.63672	504528.6	5409483.9
L4530.0	504528.6	5409483.9	1112.00000	250.45	52.4	48.838313	-86.938285	56248.16	56393.1	-143.10	56105.06	56085.53906	56051.38431	56034.00391	504528.6	5409483.9
L4530.0	504528.6	5409487.1	1112.09998	249.21	52.4	48.838342	-86.938285	56250.94	56393.1	-143.10	56107.84	56088.46094	56052.66623	56035.28516	504528.6	5409487.1
L4530.0	504528.6	5409487.1	1112.19995	247.80	52.66	48.838342	-86.938285	56253.45	56393.1	-143.09	56110.36	56091.12891	56053.95035	56036.57031	504528.6	5409487.1
L4530.0	504528.5	5409488.3	1112.30005	246.88	52.66	48.838352	-86.938285	56255.89	56393.1	-143.09	56112.80	56093.72266	56055.22436	56037.84375	504528.5	5409488.3
L4530.0	504528.5	5409489.7	1112.40002	248.14	52.81	48.838365	-86.938286	56258.41	56393.1	-143.09	56115.32	56096.39844	56056.47726	56039.10156	504528.5	5409489.7
L4530.0	504528.5	5409489.7	1112.50000	248.29	57.06	48.838365	-86.938286	56260.05	56393.1	-143.08	56116.96	56098.19531	56057.77279	56040.40234	504528.5	5409489.7
L4530.0	504528.5	5409491.5	1112.59998	247.87	57.06	48.838381	-86.938286	56262.32	56393.1	-143.08	56119.24	56100.63672	56059.00934	56041.64844	504528.5	5409491.5
L4530.0	504528.5	5409492.9	1112.69995	248.41	53.6	48.838394	-86.938286	56264.36	56393.1	-143.08	56121.28	56102.83984	56060.24534	56042.89453	504528.5	5409492.9
L4530.0	504528.5	5409494.4	1112.80005	248.41	53.08	48.838407	-86.938286	56266.25	56393.1	-143.08	56123.17	56104.89844	56061.47458	56044.13672	504528.5	5409494.4
L4530.0	504528.5	5409496.0	1112.90002	248.14	53.08	48.838422	-86.938286	56268.34	56393.1	-143.07	56125.27	56107.17188	56062.67286	56045.34766	504528.5	5409496.0
L4530.0	504528.5	5409496.0	1113.00000	246.03	56.66	48.838422	-86.938286	56270.32	56393.1	-143.07	56127.25	56109.32422	56063.86200	56046.55469	504528.5	5409496.0
L4530.0	504528.5	5409497.2	1113.09998	247.33	56.66	48.838433	-86.938286	56272.76	56393.1	-143.07	56129.68	56111.92969	56065.00386	56047.71094	504528.5	5409497.2
L4530.0	504528.5	5409498.8	1113.19995	246.59	54.26	48.838447	-86.938286	56274.70	56393.1	-143.08	56131.61	56114.03906	56066.16162	56048.89063	504528.5	5409498.8
L4530.0	504528.5	5409500.2	1113.30005	246.59	54.26	48.838460	-86.938286	56275.84	56393.1	-143.08	56132.75	56115.35938	56067.35449	56050.10547	504528.5	5409500.2
L4530.0	504528.5	5409500.2	1113.40002	246.46	53.7	48.838460	-86.938286	56278.04	56393.1	-143.09	56134.95	56117.74219	56068.45904	56051.23047	504528.5	5409500.2
L4530.0	504528.5	5409501.9	1113.50000	246.14	58.96	48.838475	-86.938286	56279.72	56393.1	-143.10	56136.63	56119.60938	56069.58051	56052.37891	504528.5	5409501.9
L4530.0	504528.5	5409503.1	1113.59998	243.19	58.96	48.838486	-86.938286	56281.54	56393.1	-143.10	56138.44	56121.60938	56070.67549	56053.50000	504528.5	5409503.1
L4530.0	504528.5	5409505.1	1113.69995	243.45	58.9	48.838503	-86.938286	56283.20	56393.1	-143.11	56140.09	56123.44922	56071.76325	56054.61719	504528.5	5409505.1
L4530.0	504528.5	5409505.1	1113.80005	243.89	58.9	48.838503	-86.938286	56284.49	56393.1	-143.11	56141.38	56124.92969	56072.85709	56055.74219	504528.5	5409505.1
L4530.0	504528.5	5409507.9	1113.90002	244.47	57.15	48.838529	-86.938286	56286.77	56393.1	-143.12	56143.65	56127.39453	56073.86762	56056.78516	504528.5	5409507.9
L4530.0	504528.5	5409507.9	1114.00000	244.77	55.81	48.838529	-86.938286	56287.50	56393.1	-143.12	56144.38	56128.32031	56074.96283	56057.91406	504528.5	5409507.9
L4530.0	504528.5	5409509.4	1114.09998	245.01	55.81	48.838542	-86.938286	56289.32	56393.1	-143.12	56146.20	56130.33594	56075.96738	56058.95313	504528.5	5409509.4
L4530.0	504528.4	5409510.9	1114.19995	244.39	53.34	48.838556	-86.938287	56291.05	56393.1	-143.12	56147.93	56132.26563	56076.95992	56059.98438	504528.4	5409510.9
L4530.0	504528.4	5409512.0	1114.30005	246.37	56.98	48.838566	-86.938287	56292.41	56393.1	-143.12	56149.29	56133.82422	56077.95914	56061.02344	504528.4	5409512.0
L4530.0	504528.4	5409513.2	1114.40002	246.24	56.98	48.838577	-86.938287	56294.09	56393.1	-143.12	56150.97	56135.70703	56078.91905	56062.02344	504528.4	5409513.2
L4530.0	504528.4	5409513.2	1114.50000	245.90	55.87	48.838577	-86.938287	56295.26	56393.1	-143.12	56152.15	56137.08984	56079.89435	56063.03906	504528.4	5409513.2
L4530.0	504528.4	5409514.4	1114.59998	245.36	56.44	48.838588	-86.938287	56296.67	56393.1	-143.11	56153.55	56138.69141	56080.83707	56064.02734	504528.4	5409514.4
L4530.0	504528.4	5409515.9	1114.69995	245.82	55.99	48.838601	-86.938287	56297.69	56393.1	-143.11	56154.58	56139.92578	56081.78660	56065.02344	504528.4	5409515.9
L4530.0	504528.4	5409517.3	1114.80005	246.57	55.99	48.838614	-86.938287	56298.63	56393.1	-143.11	56155.52	56141.07031	56082.72430	56066.00781	504528.4	5409517.3
L4530.0	504528.4	5409517.3	1114.90002	246.58	53.99	48.838614	-86.938287	56300.14	56393.1	-143.11	56157.03	56142.78516	56083.60625	56066.93750	504528.4	5409517.3
L4530.0	504528.4	5409519.3	1115.00000	246.53	52.86	48.838632	-86.938287	56301.24	56393.1	-143.11	56158.13	56144.09375	56084.49785	56067.87891	504528.4	5409519.3
L4530.0	504528.4	5409520.7	1115.09998	246.15	52.86	48.838644	-86.938287	56302.69	56393.1	-143.11	56159.58	56145.75000	56085.34848	56068.78125	504528.4	5409520.7
L4530.0	504528.4	5409522.2	1115.19995	247.28	53.91	48.838657	-86.938287	56303.81	56393.1	-143.11	56160.70	56147.07813	56086.20357	56069.69141	504528.4	5409522.2
L4530.0	504528.4	5409523.5	1115.30005	248.37	51.65	48.838670	-86.938288	56304.20	56393.1	-143.11	56161.08	56147.66406	56087.09052	56070.63281	504528.4	5409523.5
L4530.0	504528.4	5409523.5	1115.40002	247.24	51.65	48.838670	-86.938288	56305.98	56393.1	-143.11	56162.87	56149.66016	56087.86610	56071.46094	504528.4	5409523.5
L4530.0	504528.4	5409525.2	1115.50000	246.13	52.76	48.838685	-86.938288	56307.01	56393.1	-143.11	56163.89	56150.88672	56088.67571	56072.32813	504528.4	5409525.2
L4530.0	504528.3	5409526.7	1115.59998	245.62	52.76	48.838698	-86.938288	56308.46	56393.1	-143.12	56165.34	56152.54297	56089.43945	56073.15234	504528.3	5409526.7
L4530.0	504528.3	5409528.0	1115.69995	244.50	52.76	48.838710	-86.938288	56308.82	56393.1	-143.12	56165.70	56153.11328	56090.25876	56074.03125	504528.3	5409528.0
L4530.0	504528.3	5409529.4	1115.80005	245.19	41.94	48.838723	-86.938288	56309.50	56393.1	-143.12	56166.39	56154.00781	56091.03906	56074.87109	504528.3	5409529.4
L4530.0	504528.3	5409529.4	1115.90002	244.03	46.02	48.838723	-86.938288	56311.09	56393.1	-143.12	56167.97	56155.79297	56091.74312	56075.63672	504528.3	5409529.4
L4530.0	504528.3	5409531.1	1116.00000	243.88	46.02	48.838738	-86.938288	56311.32	56393.1	-143.12	56168.20	56156.23047	56092.52037	56076.48047	504528.3	5409531.1
L4530.0	504528.3	5409532.2	1116.09998	245.55	39.09	48.838748	-86.938289	56312.70	56393.1	-143.11	56169.58	56157.81250	56093.20426	56077.22656	504528.3	5409532.2
L4530.0	504528.3	5409534.0	1116.19995	246.97	39.09	48.838763	-86.938289	56312.90	56393.1	-143.11	56169.79	56158.22656	56093.94956	56078.03906	504528.3	5409534.0
L4530.0	504528.2	5409535.1	1116.30005	246.05	50.81	48.838773	-86.938289	56314.45	56393.1	-143.10	56171.35	56159.99219	56094.58836	56078.74609	504528.2	5409535.1
L4530.0	504528.2	5409535.1	1116.40002	245.48	50.77	48.838773	-86.938289	56314.20	56393.1	-143.10	56171.10	56159.94531	56095.33146	56079.55469	504528.2	5409535.1
L4530.0	504528.2	5409537.9	1116.50000	246.50	50.77	48.838798	-86.938289	56315.35	56393.1	-143.09	56172.26	56161.30469	56095.96427	56080.25781	504528.2	5409537.9
L4530.0	504528.2	5409537.9	1116.59998	248.00	47.29	48.838798	-86.938289	56316.88	56393.1	-143.08	56173.79	56163.03516	56096.55626	56080.92188	504528.2	5409537.9
L4530.0	504528.2	5409539.5	1116.69995	249.45	43.16	48.838813	-86.938289	56317.46	56393.1	-143.08	56174.39	56163.83594	56097.19419	56081.62891	504528.2	5409539.5
L4530.0	504528.2	5409541.2	1116.80005	249.30	43.16	48.838828	-86.938290	56318.06	56393.1	-143.07	56174.98	56164.62109	56097.81684	56082.32422	504528.2	5409541.2
L4530.0	504528.2	5409541.2	1116.90002	249.75	46.59	48.838828	-86.938290	56318.46	56393.1	-143.07	56175.40	56165.23828	56098.43498	56083.01563	504528.2	5409541.2
L4530.0	504528.2	5409542.4	1117.00000	249.71	52.36	48.838839	-86.938290	56319.15	56393.1	-143.06	56176.09	56166.12500	56099.01938	56083.67578	504528.2	5409542.4
L4530.0	504528.2	5409544.0	1117.09998	250.77	52.36	48.838854	-86.938290	56320.48	56393.1	-143.07	56177.41	56167.63672	56099.54616	56084.27734	504528.2	5409544.0
L4530.0	504528.2	5409544.0	1117.19995	251.42	52.36	48.838854	-86.938290	56320.87	56393.1	-143.07	56177.79	56168.20703	56100.12007	56084.92578	504528.2	5409544.0
L4530.0	504528.2	5409545.7	1117.30005	250.00	52.02	48.838869	-86.938290	56321.14	56393.1	-143.08	56178.06	56168.66797	56100.68590	56085.57031	504528.2	5409545.7
L4530.0	504528.2	5409547.5	1117.40002	248.93	51.93	48.838886	-86.938290	56321.98	56393.1	-143.09	56178.90	56169.69531	56101.19841	56086.16016	504528.2	5409547.5
L4530.0	504528.2	5409549.0	1117.50000	249.34	51.93	48.838899	-86.938290	56322.44	56393.1	-143.10	56179.34	56170.32422	56101.72238	56086.76172	504528.2	5409549.0
L4530.0	504528.2	5409550.7	1117.59998	248.41	48.46	48.838914	-86.938290	56323.65	56393.1	-143.10	56180.55	56171.71875	56102.17989	56087.29688	504528.2	5409550.7
L4530.0	504528.2	5409550.7	1117.69995	247.82	47.88	48.838914	-86.938290	56323.67	56393.1	-143.11	56180.56	56171.91016	56102.70239	56087.89844	504528.2	5409550.7
L4530.0	504528.2	5409552.3	1117.80005	247.40	47.88	48.838929	-86.938290	56324.44	56393.1	-143.12	56181.32	56172.85156	56103.15998	56088.43750	504528.2	5409552.3
L4530.0	504528.2	5409553.5	1117.90002	249.03	50.31	48.838939	-86.938290	56325.12	56393.1	-143.12	56182.00	56173.71094	56103.60807	56088.96875	504528.2	5409553.5
L4530.0	504528.2	5409553.5	1118.00000	249.06	51.36	48.838939	-86.938290	56325.36	56393.1	-143.13	56182.23	56174.11719	56104.07145	56089.51172	504528.2	5409553.5
L4530.0	504528.2	5409555.4	1118.09998	250.89	51.36	48.838956	-86.938290	56325.74	56393.1	-143.12	56182.61	56174.66797	56104.51019	56090.03125	504528.2	5409555.4
L4530.0	504528.1	5409557.3	1118.19995	250.42	51.56	48.838973	-86.938290	56326.45	56393.1	-143.12	56183.33	56175.56250	56104.91173	56090.51953	504528.1	5409557.3
L4530.0	504528.1	5409559.0	1118.30005	249.43	51.56	48.838988	-86.938290	56326.42	56393.1	-143.11	56183.31	56175.71094	56105.34815	56091.03906	504528.1	5409559.0
L4530.0	504528.1	5409559.0	1118.40002	248.49	38.14	48.838988	-86.938290	56327.07	56393.1	-143.11	56183.96	56176.52734	56105.72556	56091.50000	504528.1	5409559.0
L4530.0	504528.1	5409560.1	1118.50000	247.96	40.36	48.838999	-86.938290	56327.66	56393.1	-143.10	56184.56	56177.29297	56106.09203	56091.94922	504528.1	5409560.1
L4530.0	504528.1	5409561.6	1118.59998	247.20	40.36	48.839012	-86.938290	56327.85	56393.1	-143.09	56184.75	56177.64453	56106.47165	56092.41406	504528.1	5409561.6
L4530.0	504528.1	5409561.6	1118.69995	244.75	40.36	48.839012	-86.938290	56328.46	56393.1	-143.09	56185.38	56178.43359	56106.80784	56092.83594	504528.1	5409561.6
L4530.0	504528.1	5409564.7	1118.80005	244.46	48.54	48.839040	-86.938291	56328.06	56393.1	-143.08	56184.98	56178.19141	56107.19870	56093.31250	504528.1	5409564.7
L4530.0	504528.1	5409564.7	1118.90002	245.23	49.94	48.839040	-86.938291	56329.16	56393.1	-143.08	56186.08	56179.44531	56107.47562	56093.67578	504528.1	5409564.7
L4530.0	504528.1	5409566.1	1119.00000	246.10	49.94	48.839053	-86.938291	56329.43	56393.1	-143.07	56186.36	56179.87891	56107.79337	56094.07813	504528.1	5409566.1
L4530.0	504528.1	5409567.4	1119.09998	245.10	50.21	48.839064	-86.938291	56329.41	56393.1	-143.07	56186.35	56180.01563	56108.11668	56094.48828	504528.1	5409567.4
L4530.0	504528.1	5409569.2	1119.19995	245.99	50.21	48.839080	-86.938291	56330.40	56393.1	-143.07	56187.34	56181.15234	56108.35965	56094.82031	504528.1	5409569.2
L4530.0	504528.1	5409569.2	1119.30005	246.11	50.81	48.839080	-86.938291	56330.23	56393.1	-143.06	56187.17	56181.12891	56108.66634	56095.21484	504528.1	5409569.2

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4530.0	504528.1	5409570.9	1119.40002	248.15	52.23	48.839096	-86.938291	56330.53	56393.1	-143.06	56187.47	56181.56641	56108.92818	56095.56250	504528.1	5409570.9
L4530.0	504528.1	5409572.3	1119.50000	247.29	52.23	48.839109	-86.938291	56330.87	56393.1	-143.06	56187.81	56182.04688	56109.17390	56095.89844	504528.1	5409572.3
L4530.0	504528.1	5409572.3	1119.59998	246.01	52.26	48.839109	-86.938291	56331.07	56393.1	-143.06	56188.01	56182.38281	56109.41558	56096.22656	504528.1	5409572.3
L4530.0	504528.1	5409574.0	1119.69995	245.59	54.33	48.839123	-86.938291	56331.35	56393.1	-143.06	56188.30	56182.80469	56109.63797	56096.53906	504528.1	5409574.0
L4530.0	504528.1	5409575.2	1119.80005	245.06	54.33	48.839135	-86.938291	56331.91	56393.1	-143.05	56188.86	56183.49219	56109.82914	56096.81641	504528.1	5409575.2
L4530.0	504528.1	5409576.8	1119.90002	243.57	51.95	48.839148	-86.938291	56331.04	56393.1	-143.05	56187.99	56182.75000	56110.10251	56097.17969	504528.1	5409576.8
L4530.0	504528.1	5409578.4	1120.00000	243.11	51.95	48.839163	-86.938291	56331.84	56393.1	-143.05	56188.79	56183.67578	56110.25147	56097.41406	504528.1	5409578.4
L4530.0	504528.1	5409578.4	1120.09998	242.52	53.11	48.839163	-86.938291	56332.32	56393	-143.04	56189.28	56184.28516	56110.40812	56097.66016	504528.1	5409578.4
L4530.0	504528.1	5409579.8	1120.19995	244.02	49.68	48.839176	-86.938290	56332.34	56393	-143.03	56189.31	56184.43359	56110.58252	56097.92188	504528.1	5409579.8
L4530.0	504528.1	5409581.5	1120.30005	244.17	49.68	48.839191	-86.938290	56332.32	56393	-143.03	56189.30	56184.53906	56110.74676	56098.17578	504528.1	5409581.5
L4530.0	504528.1	5409582.9	1120.40002	244.26	48.35	48.839204	-86.938290	56332.09	56393	-143.02	56189.07	56184.42188	56110.91291	56098.42969	504528.1	5409582.9
L4530.0	504528.1	5409584.4	1120.50000	241.44	48.35	48.839217	-86.938290	56332.37	56393	-143.01	56189.36	56184.82031	56111.03171	56098.63672	504528.1	5409584.4
L4530.0	504528.1	5409584.4	1120.59998	241.05	50.93	48.839217	-86.938290	56332.48	56393	-143.00	56189.47	56185.03516	56111.14992	56098.84375	504528.1	5409584.4
L4530.0	504528.1	5409586.0	1120.69995	240.71	50.93	48.839232	-86.938290	56332.81	56393	-142.99	56189.81	56185.48047	56111.24027	56099.02344	504528.1	5409586.0
L4530.0	504528.2	5409587.5	1120.80005	240.47	50.6	48.839245	-86.938290	56332.45	56393	-142.99	56189.46	56185.23047	56111.36419	56099.23438	504528.2	5409587.5
L4530.0	504528.2	5409588.9	1120.90002	241.73	50.6	48.839258	-86.938289	56332.45	56393	-142.98	56189.47	56185.33594	56111.45174	56099.41016	504528.2	5409588.9
L4530.0	504528.2	5409588.9	1121.00000	241.57	45.81	48.839258	-86.938289	56332.32	56393	-142.97	56189.35	56185.31250	56111.53569	56099.58203	504528.2	5409588.9
L4530.0	504528.2	5409590.6	1121.09998	241.26	45.81	48.839273	-86.938289	56332.39	56393	-142.97	56189.42	56185.47266	56111.59478	56099.73047	504528.2	5409590.6
L4530.0	504528.2	5409591.8	1121.19995	241.95	45.81	48.839283	-86.938289	56332.09	56393	-142.98	56189.11	56185.25000	56111.66709	56099.89063	504528.2	5409591.8
L4530.0	504528.2	5409593.5	1121.30005	244.00	42.09	48.839299	-86.938289	56331.94	56393	-142.98	56188.96	56185.18750	56111.71671	56100.02734	504528.2	5409593.5
L4530.0	504528.2	5409593.5	1121.40002	242.84	42.09	48.839299	-86.938289	56332.14	56393	-142.98	56189.16	56185.46875	56111.73105	56100.12500	504528.2	5409593.5
L4530.0	504528.2	5409595.1	1121.50000	243.27	45.62	48.839313	-86.938289	56331.76	56393	-142.99	56188.77	56185.16016	56111.77287	56100.25391	504528.2	5409595.1
L4530.0	504528.2	5409596.3	1121.59998	246.34	45.62	48.839324	-86.938288	56331.81	56393	-142.99	56188.82	56185.28516	56111.77359	56100.34375	504528.2	5409596.3
L4530.0	504528.2	5409598.0	1121.69995	248.19	49.53	48.839340	-86.938288	56331.61	56393	-142.99	56188.61	56185.14844	56111.77996	56100.43359	504528.2	5409598.0
L4530.0	504528.2	5409599.4	1121.80005	247.79	49.53	48.839352	-86.938288	56331.50	56393	-142.99	56188.51	56185.12109	56111.76741	56100.50781	504528.2	5409599.4
L4530.0	504528.2	5409599.4	1121.90002	248.18	49.53	48.839352	-86.938288	56331.61	56393	-143.00	56188.61	56185.28906	56111.73002	56100.55469	504528.2	5409599.4
L4530.0	504528.3	5409600.9	1122.00000	248.78	49.53	48.839365	-86.938288	56331.35	56393	-143.00	56188.35	56185.09375	56111.70521	56100.61328	504528.3	5409600.9
L4530.0	504528.3	5409602.3	1122.09998	249.21	50.26	48.839378	-86.938288	56331.10	56393	-143.00	56188.09	56184.89844	56111.66908	56100.66406	504528.3	5409602.3
L4530.0	504528.3	5409604.0	1122.19995	250.00	50.33	48.839393	-86.938288	56330.68	56393	-143.01	56187.68	56184.54688	56111.63172	56100.71094	504528.3	5409604.0
L4530.0	504528.3	5409604.9	1122.30005	249.47	50.33	48.839402	-86.938288	56330.62	56393	-143.01	56187.60	56184.52344	56111.56122	56100.72266	504528.3	5409604.9
L4530.0	504528.3	5409604.9	1122.40002	250.08	48.38	48.839402	-86.938288	56330.07	56393	-143.02	56187.05	56184.02734	56111.51102	56100.75391	504528.3	5409604.9
L4530.0	504528.3	5409606.8	1122.50000	250.11	48.38	48.839419	-86.938288	56330.11	56393	-143.02	56187.08	56184.10938	56111.41119	56100.73828	504528.3	5409606.8
L4530.0	504528.3	5409606.8	1122.59998	248.68	46.83	48.839419	-86.938288	56329.79	56393	-143.02	56186.76	56183.83594	56111.32385	56100.73438	504528.3	5409606.8
L4530.0	504528.3	5409608.5	1122.69995	246.19	48.8	48.839434	-86.938287	56329.46	56393	-143.03	56186.44	56183.56250	56111.22576	56100.71484	504528.3	5409608.5
L4530.0	504528.3	5409609.8	1122.80005	246.42	48.8	48.839445	-86.938287	56328.95	56393	-143.03	56185.92	56183.08594	56111.13034	56100.70313	504528.3	5409609.8
L4530.0	504528.3	5409611.4	1122.90002	246.94	45.11	48.839460	-86.938287	56328.67	56393	-143.04	56185.64	56182.84766	56111.00836	56100.66016	504528.3	5409611.4
L4530.0	504528.3	5409612.9	1123.00000	246.69	45.11	48.839473	-86.938287	56328.54	56393	-143.04	56185.50	56182.74219	56110.86660	56100.59766	504528.3	5409612.9
L4530.0	504528.3	5409614.0	1123.09998	246.42	43.6	48.839484	-86.938287	56328.16	56393	-143.03	56185.12	56182.39844	56110.73049	56100.54297	504528.3	5409614.0
L4530.0	504528.3	5409615.3	1123.19995	246.81	47.41	48.839495	-86.938287	56327.63	56393	-143.02	56184.61	56181.92188	56110.59281	56100.48047	504528.3	5409615.3
L4530.0	504528.3	5409616.5	1123.30005	246.81	47.41	48.839506	-86.938287	56327.40	56393	-143.02	56184.38	56181.72266	56110.42631	56100.39453	504528.3	5409616.5
L4530.0	504528.3	5409617.7	1123.40002	247.92	50.59	48.839517	-86.938287	56326.63	56393	-143.01	56183.62	56180.98828	56110.28513	56100.32813	504528.3	5409617.7
L4530.0	504528.3	5409617.7	1123.50000	248.86	51.08	48.839517	-86.938287	56326.73	56393	-143.00	56183.73	56181.12109	56110.07603	56100.19531	504528.3	5409617.7
L4530.0	504528.3	5409619.9	1123.59998	249.72	51.08	48.839537	-86.938287	56325.91	56393	-142.99	56182.92	56180.33594	56109.91847	56100.11719	504528.3	5409619.9
L4530.0	504528.3	5409621.4	1123.69995	251.10	49.51	48.839550	-86.938287	56325.68	56393	-142.98	56182.70	56180.13281	56109.71189	56099.98438	504528.3	5409621.4
L4530.0	504528.3	5409621.4	1123.80005	251.89	45.82	48.839550	-86.938287	56325.31	56393	-142.98	56182.33	56179.78125	56109.50575	56099.85156	504528.3	5409621.4
L4530.0	504528.3	5409622.7	1123.90002	251.58	45.82	48.839562	-86.938287	56324.79	56393	-142.97	56181.82	56179.28516	56109.29952	56099.71875	504528.3	5409622.7
L4530.0	504528.3	5409624.0	1124.00000	252.18	42.99	48.839573	-86.938287	56324.51	56393	-142.96	56181.55	56179.02734	56109.06797	56099.56250	504528.3	5409624.0
L4530.0	504528.3	5409625.3	1124.09998	250.32	42.99	48.839585	-86.938287	56323.68	56393	-142.96	56180.72	56178.20703	56108.86458	56099.42969	504528.3	5409625.3
L4530.0	504528.3	5409626.8	1124.19995	248.42	51.18	48.839598	-86.938287	56323.46	56393	-142.95	56180.51	56178.00391	56108.61082	56099.24609	504528.3	5409626.8
L4530.0	504528.3	5409628.3	1124.30005	246.73	51.18	48.839612	-86.938287	56323.06	56392.9	-142.95	56180.11	56177.60938	56108.36083	56099.07031	504528.3	5409628.3
L4530.0	504528.3	5409629.4	1124.40002	245.79	51.18	48.839622	-86.938287	56322.54	56392.9	-142.94	56179.60	56177.10156	56108.10942	56098.88672	504528.3	5409629.4
L4530.0	504528.3	5409629.4	1124.50000	244.89	52.46	48.839622	-86.938287	56321.63	56392.9	-142.94	56178.69	56176.19141	56107.87607	56098.72266	504528.3	5409629.4
L4530.0	504528.3	5409631.4	1124.59998	244.51	40.08	48.839640	-86.938287	56320.96	56392.9	-142.94	56178.02	56175.51953	56107.61827	56098.53125	504528.3	5409631.4
L4530.0	504528.3	5409633.1	1124.69995	244.35	40.08	48.839655	-86.938287	56320.38	56392.9	-142.93	56177.45	56174.94531	56107.34552	56098.32813	504528.3	5409633.1
L4530.0	504528.3	5409633.1	1124.80005	245.55	42.4	48.839655	-86.938287	56319.99	56392.9	-142.93	56177.06	56174.54688	56107.05264	56098.10156	504528.3	5409633.1
L4530.0	504528.3	5409635.8	1124.90002	245.77	42.4	48.839679	-86.938287	56319.31	56392.9	-142.92	56176.39	56173.87109	56106.77047	56097.88281	504528.3	5409635.8
L4530.0	504528.3	5409635.8	1125.00000	246.73	50.07	48.839679	-86.938287	56318.46	56392.9	-142.92	56175.54	56173.00781	56106.49252	56097.67188	504528.3	5409635.8
L4530.0	504528.3	5409637.4	1125.09998	245.76	50.07	48.839694	-86.938287	56317.83	56392.9	-142.92	56174.91	56172.36328	56106.19231	56097.43359	504528.3	5409637.4
L4530.0	504528.3	5409637.4	1125.19995	247.15	46.1	48.839694	-86.938287	56316.78	56392.9	-142.91	56173.86	56171.30078	56105.91268	56097.21875	504528.3	5409637.4
L4530.0	504528.3	5409640.6	1125.30005	247.12	46.1	48.839723	-86.938287	56316.04	56392.9	-142.91	56173.12	56170.54297	56105.60516	56096.97266	504528.3	5409640.6
L4530.0	504528.3	5409640.6	1125.40002	247.45	44.17	48.839723	-86.938287	56315.50	56392.9	-142.91	56172.59	56169.99219	56105.27662	56096.70703	504528.3	5409640.6
L4530.0	504528.3	5409642.2	1125.50000	247.93	47.59	48.839737	-86.938287	56314.84	56392.9	-142.90	56171.94	56169.32031	56104.94926	56096.43750	504528.3	5409642.2
L4530.0	504528.3	5409643.7	1125.59998	248.87	47.59	48.839750	-86.938287	56313.97	56392.9	-142.90	56171.07	56168.42578	56104.62995	56096.17969	504528.3	5409643.7
L4530.0	504528.3	5409645.1	1125.69995	248.59	50.9	48.839763	-86.938287	56313.18	56392.9	-142.90	56170.28	56167.60938	56104.29891	56095.90625	504528.3	5409645.1
L4530.0	504528.3	5409646.3	1125.80005	247.81	50.9	48.839774	-86.938287	56311.88	56392.9	-142.90	56168.98	56166.28125	56103.99568	56095.66016	504528.3	5409646.3
L4530.0	504528.3	5409646.3	1125.90002	247.80	43.94	48.839774	-86.938287	56311.93	56392.9	-142.89	56169.03	56166.30078	56103.59648	56095.31641	504528.3	5409646.3
L4530.0	504528.3	5409647.8	1126.00000	247.66	46.89	48.839787	-86.938287	56310.38	56392.9	-142.89	56167.49	56164.72656	56103.29755	56095.07422	504528.3	5409647.8
L4530.0	504528.3	5409647.8	1126.09998	247.35	46.89	48.839787	-86.938287	56309.73	56392.9	-142.89	56166.84	56164.04297	56102.93378	56094.76172	504528.3	5409647.8
L4530.0	504528.3	5409649.7	1126.19995	244.98	49.56	48.839805	-86.938287	56308.87	56392.9	-142.89	56165.98	56163.14844	56102.57874	56094.46094	504528.3	5409649.7
L4530.0	504528.3	5409651.6	1126.30005	245.63	49.56	48.839822	-86.938287	56307.70	56392.9	-142.89	56164.81	56161.94141	56102.23933	56094.17578	504528.3	5409651.6
L4530.0	504528.3	5409652.6	1126.40002	246.61	47.7	48.839831	-86.938287	56307.03	56392.9	-142.89	56164.14	56161.23047	56101.86180	56093.84766	504528.3	5409652.6
L4530.0	504528.3	5409653.8	1126.50000	246.05	47.7	48.839841	-86.938287	56306.24	56392.9	-142.88	56163.35	56160.39844	56101.48772	56093.52344	504528.3	5409653.8
L4530.0	504528.3	5409655.5	1126.59998	245.93	44.53	48.839857	-86.938287	56305.22	56392.9	-142.88	56162.33	56159.33594	56101.12468	56093.21094	504528.3	5409655.5
L4530.0	504528.3	5409655.5	1126.69995	246.65	47.83	48.839857	-86.938287	56304.20	56392.9	-142.88	56161.32	56158.27734	56100.75692	56092.89063	504528.3	5409655.5
L4530.0	504528.3	5409657.1	1126.80005	246.31	47.83	48.839871	-86.938287	56303.58	56392.9	-142.88	56160.70	56157.60938	56100.35937	56092.54297	504528.3	5409657.1
L4530.0	504528.3	5409658.3	1126.90002	245.51	45.6	48.839882	-86.938287	56302.26	56392.9	-142.88	56159.38	56156.24219	56100.00494	56092.23438	504528.3	5409658.3
L4530.0	504528.3	5409659.5	1127.00000	245.91	45.6	48.839893	-86.938287	56301.08	56392.9	-142.88	56158.20	56155.01172	56099.63789	56091.91016	504528.3	5409659.5
L4530.0	504528.3	5409661.0	1127.09998	247.57	49.65	48.839906	-86.938287	56300.24	56392.9	-142.87	56157.36	56154.11719	56099.24515	56091.56250	504528.3	5409661.0
L4530.0	504528.3	5409662.2	1127.19995	248.69	49.65	48.839917	-86.938287	56299.68	56392.9	-142.87	56156.81	56153.51172	56098.83029	56091.19141	504528.3	5409662.2
L4530.0	504528.3	5409663.4	1127.30005	246.78	50.19	48.839927	-86.938287	56298.38	56392.9	-142.86	56155.52	56152.16797	56098.46224	56090.86719	504528.3	5409663.4
L4530.0	504528.3	5409664.6	1127.40002	246.66	50.19	48.839938	-86.938287	56297.36	56392.9	-142.85	56154.51	56151.09766	56098.07325	56090.51953	504528.3	5409664.6
L4530.0	504528.3	5409664.6	1127.50000	248.48	47.54	48.839938	-86.938287	56295.93	56392.8	-142.85	56153.08	56149.60938	56097.71024	56090.19531	504528.3	5409664.6
L4530.0	504528.3	5409666.6	1127.59998	248.40	47.54	48.839956	-86.938287	56295.32	56392.8	-142.84	56152.48	56148.94922	56097.29014	56089.81250	504528.3	5409666.6
L4530.0	504528.3	5409666.6	1127.69995	247.42	47.75	48.839956	-86.938287	56294.73	56392.8	-142.83	56151.90	56148.30469	56096.86718	56089.42969	504528.3	5409666.6
L4530.0	504528.3	5409669.5	1127.80005	247.60	47.79	48.839982	-86.938287	56293.15	56392.8	-142.82	56150.32	56146.66016	56096.50961	56089.10938	504528.3	5409669.5
L4530.0	504528.3	5409670.9	1127.90002	247.85	47.79	48.839995	-86.938287	56292.73	56392.8	-142.82	56149.92	56146.19531	56096.07234	56088.70703	504528.3	5409670.9
L4530.0	504528.3	5409670.9	1128.00000	247.39	47.85	48.839995	-86.938287	56290.77	56392.8	-142.81	56147.96	56144.16797	56095.73827	56088.41016	504528.3	5409670.9
L4530.0	504528.3	5409672.1	1128.09998	248.00	47.85	48.840006	-86.938287	56290.32	56392.8	-142.81	56147.51	56143.64844	56095.30297	56088.00781	504528.3	5409672.1
L4530.0	504528.3	5409673.5	1128.19995	246.78	44.78	48.840019	-86.938287	56289.75	56392.8	-142.80	56146.94	56143.00781	56094.87533	56087.61328	504528.3	5409673.5
L4530.0	504528.2	5409675.5	1128.30005	247.41	50.5	48.840036	-86.938288	56288.32	56392.8	-142.80	56145.52	56141.51563	56094.50423	56087.27344	504528.2	5409675.5
L4530.0	504528.2	5409676.9	1128.40002	247.62	50.5	48.840049	-86.938288	56287.99	56392.8	-142.80	56145.19	56141.11328	56094.06058	56086.85938	504528.2	5409676.9
L4530.0	504528.2	5409676.9	1128.50000	245.30	51.43	48.840049	-86.938288	56286.74	56392.8	-142.79	56143.94	56139.78906	56093.67856	56086.50781	504528.2	5409676.9
L4530.0	504528.2	5409678.6	1128.59998	245.66	53.76	48.840064	-86.938288	56286.02	56392.8	-142.79	56143.23	56139.00000	56093.26106	56086.12109	504528.2	5409678.6

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4530.0	504528.2	5409680.0	1128.69995	247.61	54.27	48.840078	-86.938288	56285.59	56392.8	-142.79	56142.81	56138.50391	56092.82494	56085.71094	504528.2	5409680.0
L4530.0	504528.2	5409680.0	1128.80005	247.83	54.27	48.840078	-86.938288	56284.14	56392.8	-142.79	56141.35	56136.96484	56092.45904	56085.37109	504528.2	5409680.0
L4530.0	504528.2	5409681.7	1128.90002	248.12	55.17	48.840092	-86.938288	56283.09	56392.8	-142.78	56140.31	56135.84375	56092.06623	56085.00781	504528.2	5409681.7
L4530.0	504528.2	5409683.4	1129.00000	249.48	55.17	48.840107	-86.938288	56282.86	56392.8	-142.78	56140.08	56135.53516	56091.62068	56084.58594	504528.2	5409683.4
L4530.0	504528.2	5409685.1	1129.09998	248.93	53.88	48.840123	-86.938289	56281.59	56392.8	-142.78	56138.81	56134.17969	56091.24587	56084.23438	504528.2	5409685.1
L4530.0	504528.2	5409685.1	1129.19995	248.95	55.72	48.840123	-86.938289	56281.30	56392.8	-142.78	56138.52	56133.80859	56090.80732	56083.82031	504528.2	5409685.1
L4530.0	504528.1	5409686.6	1129.30005	248.69	55.72	48.840136	-86.938289	56280.48	56392.8	-142.78	56137.71	56132.91016	56090.40516	56083.43750	504528.1	5409686.6
L4530.0	504528.1	5409688.2	1129.40002	249.39	53.54	48.840151	-86.938289	56279.01	56392.8	-142.78	56136.24	56131.35547	56090.04888	56083.10547	504528.1	5409688.2
L4530.0	504528.1	5409688.2	1129.50000	250.96	54.19	48.840151	-86.938289	56279.14	56392.8	-142.78	56136.37	56131.39844	56089.58794	56082.66406	504528.1	5409688.2
L4530.0	504528.1	5409690.9	1129.59998	250.42	54.19	48.840175	-86.938289	56277.73	56392.8	-142.77	56134.96	56129.89844	56089.23179	56082.32813	504528.1	5409690.9
L4530.0	504528.1	5409692.3	1129.69995	250.61	57.92	48.840188	-86.938289	56277.61	56392.8	-142.77	56134.83	56129.67969	56088.79255	56081.90625	504528.1	5409692.3
L4530.0	504528.1	5409692.3	1129.80005	249.93	57.92	48.840188	-86.938289	56276.82	56392.8	-142.77	56134.04	56128.80078	56088.39968	56081.53125	504528.1	5409692.3
L4530.0	504528.1	5409694.0	1129.90002	250.09	58.89	48.840203	-86.938289	56276.05	56392.8	-142.77	56133.28	56127.94922	56088.00725	56081.15625	504528.1	5409694.0
L4530.0	504528.1	5409695.2	1130.00000	249.28	57.05	48.840214	-86.938289	56275.64	56392.8	-142.77	56132.87	56127.44531	56087.59404	56080.75781	504528.1	5409695.2
L4530.0	504528.1	5409695.2	1130.09998	247.49	56.03	48.840214	-86.938289	56274.87	56392.8	-142.76	56132.11	56126.59375	56087.20679	56080.38672	504528.1	5409695.2
L4530.0	504528.1	5409697.6	1130.19995	246.86	56.03	48.840236	-86.938289	56273.98	56392.8	-142.76	56131.22	56125.60938	56086.83091	56080.02344	504528.1	5409697.6
L4530.0	504528.1	5409697.6	1130.30005	247.13	60.2	48.840236	-86.938289	56273.70	56392.8	-142.75	56130.95	56125.24609	56086.41647	56079.62109	504528.1	5409697.6
L4530.0	504528.1	5409699.3	1130.40002	245.97	60.2	48.840251	-86.938289	56272.75	56392.7	-142.75	56130.00	56124.19922	56086.05019	56079.26953	504528.1	5409699.3
L4530.0	504528.1	5409701.0	1130.50000	245.96	58.23	48.840266	-86.938289	56272.68	56392.7	-142.74	56129.94	56124.04297	56085.62746	56078.85547	504528.1	5409701.0
L4530.0	504528.1	5409701.0	1130.59998	245.63	58.23	48.840266	-86.938289	56272.64	56392.7	-142.73	56129.90	56123.90625	56085.20631	56078.44531	504528.1	5409701.0
L4530.0	504528.1	5409703.4	1130.69995	247.45	57.56	48.840287	-86.938289	56271.33	56392.7	-142.73	56128.60	56122.51172	56084.87213	56078.12109	504528.1	5409703.4
L4530.0	504528.1	5409705.0	1130.80005	248.25	61.83	48.840302	-86.938290	56271.05	56392.7	-142.72	56128.32	56122.13281	56084.47295	56077.73438	504528.1	5409705.0
L4530.0	504528.1	5409705.0	1130.90002	246.68	61.83	48.840302	-86.938290	56270.84	56392.7	-142.72	56128.12	56121.83594	56084.07144	56077.33984	504528.1	5409705.0
L4530.0	504528.1	5409706.5	1131.00000	245.97	58.58	48.840315	-86.938290	56270.13	56392.7	-142.71	56127.42	56121.03516	56083.70629	56076.98438	504528.1	5409706.5
L4530.0	504528.1	5409707.7	1131.09998	246.99	59.94	48.840327	-86.938290	56269.96	56392.7	-142.70	56127.26	56120.77734	56083.30819	56076.59375	504528.1	5409707.7
L4530.0	504528.1	5409709.3	1131.19995	246.46	63.6	48.840341	-86.938290	56269.13	56392.7	-142.69	56126.44	56119.85547	56082.95714	56076.24609	504528.1	5409709.3
L4530.0	504528.1	5409709.3	1131.30005	245.95	63.6	48.840341	-86.938290	56268.70	56392.7	-142.68	56126.02	56119.33594	56082.58246	56075.87891	504528.1	5409709.3
L4530.0	504528.1	5409710.7	1131.40002	247.18	58.37	48.840354	-86.938290	56268.26	56392.7	-142.67	56125.59	56118.80859	56082.21150	56075.51563	504528.1	5409710.7
L4530.0	504528.1	5409711.9	1131.50000	246.94	58.37	48.840364	-86.938290	56268.12	56392.7	-142.67	56125.45	56118.56641	56081.82423	56075.13281	504528.1	5409711.9
L4530.0	504528.1	5409713.4	1131.59998	246.31	58.11	48.840377	-86.938290	56267.61	56392.7	-142.66	56124.95	56117.96484	56081.46398	56074.77344	504528.1	5409713.4
L4530.0	504528.1	5409714.8	1131.69995	246.05	58.21	48.840391	-86.938290	56267.36	56392.6	-142.65	56124.72	56117.63672	56081.08873	56074.40234	504528.1	5409714.8
L4530.0	504528.1	5409716.2	1131.80005	246.59	58.21	48.840403	-86.938290	56267.09	56392.6	-142.64	56124.46	56117.27734	56080.71846	56074.03516	504528.1	5409716.2
L4530.0	504528.1	5409716.2	1131.90002	246.20	62.47	48.840403	-86.938290	56265.91	56392.6	-142.63	56123.28	56115.99609	56080.41246	56073.73438	504528.1	5409716.2
L4530.0	504528.0	5409718.1	1132.00000	245.36	62.47	48.840420	-86.938290	56266.42	56392.6	-142.62	56123.80	56116.41406	56079.99606	56073.32031	504528.0	5409718.1
L4530.0	504528.0	5409719.5	1132.09998	245.62	60.51	48.840432	-86.938290	56265.46	56392.6	-142.61	56122.84	56115.35547	56079.68121	56073.00781	504528.0	5409719.5
L4530.0	504528.0	5409720.9	1132.19995	246.06	60.51	48.840445	-86.938290	56265.00	56392.6	-142.61	56122.39	56114.80469	56079.33522	56072.66016	504528.0	5409720.9
L4530.0	504528.0	5409720.9	1132.30005	244.53	63.92	48.840445	-86.938290	56264.99	56392.6	-142.60	56122.39	56114.70703	56078.96205	56072.28906	504528.0	5409720.9
L4530.0	504528.0	5409722.3	1132.40002	244.41	66.36	48.840458	-86.938290	56264.88	56392.6	-142.59	56122.28	56114.49609	56078.59899	56071.92578	504528.0	5409722.3
L4530.0	504528.0	5409723.7	1132.50000	244.77	66.36	48.840470	-86.938290	56264.39	56392.6	-142.59	56121.80	56113.91797	56078.26334	56071.58984	504528.0	5409723.7
L4530.0	504528.0	5409724.9	1132.59998	246.16	66.67	48.840481	-86.938290	56263.90	56392.6	-142.58	56121.32	56113.33984	56077.93040	56071.25781	504528.0	5409724.9
L4530.0	504528.0	5409726.5	1132.69995	247.26	66.67	48.840495	-86.938290	56263.70	56392.6	-142.57	56121.12	56113.04297	56077.58144	56070.91016	504528.0	5409726.5
L4530.0	504528.0	5409727.7	1132.80005	245.34	67.18	48.840506	-86.938290	56263.18	56392.6	-142.56	56120.62	56112.44531	56077.25511	56070.58203	504528.0	5409727.7
L4530.0	504528.0	5409729.1	1132.90002	247.40	67.18	48.840518	-86.938290	56263.11	56392.6	-142.56	56120.55	56112.27734	56076.90269	56070.23047	504528.0	5409729.1
L4530.0	504528.0	5409729.1	1133.00000	246.44	58.83	48.840518	-86.938290	56263.01	56392.6	-142.55	56120.46	56112.09375	56076.55413	56069.87891	504528.0	5409729.1
L4530.0	504528.0	5409730.5	1133.09998	245.57	58.2	48.840532	-86.938290	56262.78	56392.5	-142.55	56120.23	56111.76563	56076.21741	56069.54297	504528.0	5409730.5
L4530.0	504528.0	5409731.9	1133.19995	246.81	58.2	48.840544	-86.938290	56262.50	56392.5	-142.54	56119.95	56111.39453	56075.88648	56069.20703	504528.0	5409731.9
L4530.0	504528.0	5409733.5	1133.30005	246.81	53.16	48.840559	-86.938290	56261.68	56392.5	-142.54	56119.15	56110.50000	56075.59263	56068.91406	504528.0	5409733.5
L4530.0	504528.0	5409735.0	1133.40002	247.12	53.16	48.840571	-86.938290	56261.65	56392.5	-142.53	56119.11	56110.36719	56075.25049	56068.57031	504528.0	5409735.0
L4530.0	504528.0	5409735.0	1133.50000	247.47	54.41	48.840571	-86.938290	56261.43	56392.5	-142.53	56118.90	56110.06641	56074.92204	56068.23828	504528.0	5409735.0
L4530.0	504528.1	5409736.4	1133.59998	247.06	54.41	48.840585	-86.938289	56261.16	56392.5	-142.53	56118.64	56109.71875	56074.59924	56067.91406	504528.1	5409736.4
L4530.0	504528.1	5409738.0	1133.69995	247.60	61.95	48.840599	-86.938289	56260.78	56392.5	-142.52	56118.26	56109.25000	56074.28672	56067.60156	504528.1	5409738.0
L4530.0	504528.1	5409738.0	1133.80005	248.07	61.95	48.840599	-86.938289	56260.43	56392.5	-142.52	56117.91	56108.81250	56073.97446	56067.28516	504528.1	5409738.0
L4530.0	504528.1	5409739.7	1133.90002	247.59	61.7	48.840614	-86.938289	56260.27	56392.5	-142.51	56117.76	56108.57813	56073.65110	56066.96094	504528.1	5409739.7
L4530.0	504528.1	5409741.1	1134.00000	246.66	67.35	48.840627	-86.938288	56260.05	56392.5	-142.51	56117.54	56108.27344	56073.33462	56066.64453	504528.1	5409741.1
L4530.0	504528.1	5409742.8	1134.09998	247.96	67.35	48.840642	-86.938288	56259.46	56392.5	-142.51	56116.95	56107.59766	56073.04500	56066.35156	504528.1	5409742.8
L4530.0	504528.1	5409742.8	1134.19995	246.99	55.2	48.840642	-86.938288	56258.93	56392.5	-142.50	56116.43	56107.00000	56072.75290	56066.05859	504528.1	5409742.8
L4530.0	504528.2	5409744.4	1134.30005	246.46	55.2	48.840657	-86.938288	56259.15	56392.5	-142.50	56116.65	56107.14063	56072.41364	56065.71875	504528.2	5409744.4
L4530.0	504528.2	5409745.8	1134.40002	248.52	55.2	48.840669	-86.938288	56258.68	56392.5	-142.49	56116.19	56106.60156	56072.12187	56065.42578	504528.2	5409745.8
L4530.0	504528.2	5409747.3	1134.50000	248.85	56.42	48.840682	-86.938288	56258.20	56392.5	-142.49	56115.72	56106.05469	56071.83294	56065.13672	504528.2	5409747.3
L4530.0	504528.2	5409748.5	1134.59998	249.09	57.19	48.840694	-86.938288	56258.14	56392.5	-142.48	56115.66	56105.92188	56071.51884	56064.82031	504528.2	5409748.5
L4530.0	504528.2	5409749.9	1134.69995	251.08	57.19	48.840706	-86.938288	56257.80	56392.5	-142.47	56115.32	56105.51172	56071.22558	56064.52734	504528.2	5409749.9
L4530.0	504528.2	5409749.9	1134.80005	251.50	66.83	48.840706	-86.938288	56257.39	56392.5	-142.47	56114.92	56105.03906	56070.93851	56064.24219	504528.2	5409749.9
L4530.0	504528.2	5409751.6	1134.90002	249.84	66.83	48.840721	-86.938288	56256.86	56392.5	-142.46	56114.39	56104.44141	56070.66231	56063.96484	504528.2	5409751.6
L4530.0	504528.2	5409753.0	1135.00000	247.71	66.51	48.840734	-86.938288	56256.83	56392.5	-142.46	56114.37	56104.35938	56070.35433	56063.66016	504528.2	5409753.0
L4530.0	504528.2	5409754.2	1135.09998	247.10	55.12	48.840744	-86.938288	56256.97	56392.4	-142.45	56114.52	56104.44531	56070.03727	56063.34375	504528.2	5409754.2
L4530.0	504528.2	5409754.2	1135.19995	248.51	55.12	48.840744	-86.938288	56255.69	56392.4	-142.44	56113.25	56103.11328	56069.81715	56063.12500	504528.2	5409754.2
L4530.0	504528.2	5409755.4	1135.30005	249.46	55.93	48.840755	-86.938287	56255.70	56392.4	-142.43	56113.27	56103.07422	56069.51335	56062.82422	504528.2	5409755.4
L4530.0	504528.2	5409757.0	1135.40002	247.56	55.93	48.840770	-86.938287	56254.64	56392.4	-142.42	56112.22	56101.96875	56069.28323	56062.59766	504528.2	5409757.0
L4530.0	504528.2	5409758.5	1135.50000	247.96	58.25	48.840783	-86.938287	56254.86	56392.4	-142.41	56112.45	56102.14844	56068.97019	56062.28516	504528.2	5409758.5
L4530.0	504528.2	5409760.0	1135.59998	248.30	55.42	48.840797	-86.938287	56255.22	56392.4	-142.40	56112.82	56102.46484	56068.65026	56061.97266	504528.2	5409760.0
L4530.0	504528.2	5409761.4	1135.69995	247.73	55.42	48.840810	-86.938287	56254.38	56392.4	-142.39	56111.99	56101.58984	56068.41284	56061.73828	504528.2	5409761.4
L4530.0	504528.2	5409761.4	1135.80005	247.87	57.61	48.840810	-86.938287	56253.90	56392.4	-142.38	56111.52	56101.07422	56068.15398	56061.48438	504528.2	5409761.4
L4530.0	504528.2	5409762.9	1135.90002	248.68	57.61	48.840823	-86.938287	56253.23	56392.4	-142.37	56110.86	56100.37109	56067.91042	56061.24609	504528.2	5409762.9
L4530.0	504528.2	5409764.6	1136.00000	249.49	57.91	48.840838	-86.938287	56253.72	56392.4	-142.36	56111.36	56100.83203	56067.59222	56060.93750	504528.2	5409764.6
L4530.0	504528.2	5409765.8	1136.09998	246.09	58.55	48.840849	-86.938287	56252.46	56392.4	-142.35	56110.11	56099.54688	56067.39346	56060.74609	504528.2	5409765.8
L4530.0	504528.2	5409767.2	1136.19995	244.62	58.55	48.840862	-86.938287	56252.27	56392.3	-142.34	56109.92	56099.32422	56067.12688	56060.48438	504528.2	5409767.2
L4530.0	504528.2	5409767.2	1136.30005	244.71	61.14	48.840862	-86.938287	56252.06	56392.3	-142.34	56109.72	56099.09375	56066.86389	56060.23047	504528.2	5409767.2
L4530.0	504528.2	5409768.7	1136.40002	245.95	63.21	48.840875	-86.938287	56251.80	56392.3	-142.33	56109.47	56098.81641	56066.60724	56059.98438	504528.2	5409768.7
L4530.0	504528.2	5409770.1	1136.50000	246.24	63.21	48.840888	-86.938288	56251.29	56392.3	-142.32	56108.97	56098.29297	56066.37036	56059.75781	504528.2	5409770.1
L4530.0	504528.2	5409771.9	1136.59998	245.43	63.21	48.840904	-86.938288	56250.63	56392.3	-142.31	56108.32	56097.62109	56066.14667	56059.54688	504528.2	5409771.9
L4530.0	504528.2	5409773.0	1136.69995	245.68	64.19	48.840914	-86.938288	56250.44	56392.3	-142.30	56108.14	56097.42578	56065.89493	56059.30859	504528.2	5409773.0
L4530.0	504528.2	5409773.0	1136.80005	247.33	64.19	48.840914	-86.938288	56250.10	56392.3	-142.30	56107.80	56097.07422	56065.65724	56059.08203	504528.2	5409773.0
L4530.0	504528.1	5409774.7	1136.90002	249.78	65	48.840929	-86.938288	56249.61	56392.3	-142.29	56107.32	56096.58203	56065.43237	56058.87500	504528.1	5409774.7
L4530.0	504528.1	5409776.4	1137.00000	248.96	66.18	48.840944	-86.938288	56249.22	56392.3	-142.28	56106.94	56096.19531	56065.20441	56058.66016	504528.1	5409776.4
L4530.0	504528.1	5409776.4	1137.09998	250.40	66.18	48.840944	-86.938288	56249.18	56392.3	-142.27	56106.92	56096.17578	56064.95615	56058.42969	504528.1	5409776.4
L4530.0	504528.1	5409777.9	1137.19995	249.54	66.18	48.840958	-86.938288	56248.38	56392.3	-142.26	56106.12	56095.37500	56064.76367	56058.25391	504528.1	5409777.9
L4530.0	504528.1	5409780.3	1137.30005	249.12	61.16	48.840979	-86.938288	56247.72	56392.2	-142.25	56105.48	56094.73828	56064.56443	56058.07422	504528.1	5409780.3
L4530.0	504528.1	5409781.5	1137.40002	248.58	61.16	48.840991	-86.938288	56248.34	56392.2	-142.24	56106.10	56095.36719	56064.28520	56057.81250	504528.1	5409781.5
L4530.0	504528.1	5409781.5	1137.50000	247.74	61.16	48.840991	-86.938288	56247.41	56392.2	-142.22	56105.18	56094.46094	56064.11275	56057.66406	504528.1	5409781.5
L4530.0	504528.1	5409782.9	1137.59998	246.61	64.31	48.841003	-86.938288	56247.19	56392.2	-142.21	56104.97	56094.26563	56063.89720	56057.46875	504528.1	5409782.9
L4530.0	504528.1	5409784.9	1137.69995	245.55	64.31	48.841020	-86.938288	56246.82	56392.2	-142.20	56104.62	56093.93750	56063.69532	56057.28906	504528.1	5409784.9
L4530.0	504528.1	5409786.1	1137.80005	245.11	61.82	48.841031	-86.938288	56246.78	56392.2	-142.19	56104.59	56093.92969	56063.47655	56057.09766	504528.1	5409786.1
L4530.0	504528.1	5409786.1	1137.90002	245.49	62.12	48.841031	-86.938288	56246.54	56392.2	-142.18	56104.36	56093.73047	56063.27566	56056.92188	504528.1	5409786.1

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4530.0	504528.1	5409787.8	1138.00000	245.18	62.12	48.841047	-86.938288	56246.26	56392.2	-142.17	56104.09	56093.49219	56063.08210	56056.75391	504528.1	5409787.8
L4530.0	504528.1	5409789.5	1138.09998	243.78	62.9	48.841062	-86.938288	56245.42	56392.2	-142.16	56103.26	56092.69531	56062.93063	56056.63281	504528.1	5409789.5
L4530.0	504528.1	5409789.5	1138.19995	243.60	55.52	48.841062	-86.938288	56245.55	56392.1	-142.14	56103.41	56092.88672	56062.71870	56056.44922	504528.1	5409789.5
L4530.0	504528.1	5409792.4	1138.30005	244.94	55.52	48.841088	-86.938288	56244.81	56392.1	-142.13	56102.67	56092.19141	56062.57106	56056.33203	504528.1	5409792.4
L4530.0	504528.1	5409792.4	1138.40002	242.99	52.37	48.841088	-86.938288	56244.84	56392.1	-142.12	56102.72	56092.28906	56062.37581	56056.16797	504528.1	5409792.4
L4530.0	504528.1	5409793.6	1138.50000	245.24	55.56	48.841099	-86.938288	56244.13	56392.1	-142.11	56102.02	56091.64063	56062.23572	56056.06250	504528.1	5409793.6
L4530.0	504528.1	5409795.0	1138.59998	246.85	55.56	48.841112	-86.938288	56244.04	56392.1	-142.09	56101.95	56091.62891	56062.05886	56055.92188	504528.1	5409795.0
L4530.0	504528.1	5409796.3	1138.69995	248.01	56.88	48.841123	-86.938288	56243.76	56392.1	-142.08	56101.68	56091.41797	56061.90066	56055.80078	504528.1	5409796.3
L4530.0	504528.1	5409797.6	1138.80005	248.82	52.12	48.841135	-86.938289	56243.45	56392.1	-142.07	56101.39	56091.19531	56061.74920	56055.68750	504528.1	5409797.6
L4530.0	504528.1	5409797.6	1138.90002	247.97	52.12	48.841135	-86.938289	56243.41	56392.1	-142.05	56101.36	56091.23438	56061.58586	56055.56250	504528.1	5409797.6
L4530.0	504528.1	5409799.4	1139.00000	249.09	50	48.841151	-86.938288	56243.07	56392	-142.04	56101.03	56090.97656	56061.44807	56055.46484	504528.1	5409799.4
L4530.0	504528.1	5409800.8	1139.09998	248.76	50	48.841164	-86.938288	56243.02	56392	-142.03	56100.99	56091.01563	56061.29653	56055.35547	504528.1	5409800.8
L4530.0	504528.1	5409801.9	1139.19995	249.84	37.63	48.841174	-86.938288	56242.77	56392	-142.03	56100.74	56090.84766	56061.16463	56055.26953	504528.1	5409801.9
L4530.0	504528.1	5409802.8	1139.30005	249.25	42.77	48.841182	-86.938288	56242.61	56392	-142.02	56100.59	56090.78516	56061.03175	56055.17969	504528.1	5409802.8
L4530.0	504528.1	5409804.4	1139.40002	248.07	42.77	48.841196	-86.938288	56242.77	56392	-142.01	56100.75	56091.03516	56060.88392	56055.08203	504528.1	5409804.4
L4530.0	504528.1	5409804.4	1139.50000	248.82	48.45	48.841196	-86.938288	56242.54	56392	-142.00	56100.53	56090.91016	56060.76717	56055.01172	504528.1	5409804.4
L4530.0	504528.1	5409805.8	1139.59998	246.00	58.48	48.841209	-86.938288	56242.36	56392	-142.00	56100.36	56090.83984	56060.65283	56054.94922	504528.1	5409805.8
L4530.0	504528.2	5409807.2	1139.69995	245.45	58.48	48.841222	-86.938287	56242.54	56392	-141.99	56100.55	56091.13281	56060.52026	56054.86719	504528.2	5409807.2
L4530.0	504528.2	5409808.6	1139.80005	246.68	59	48.841234	-86.938287	56243.23	56392	-141.98	56101.24	56091.93359	56060.36011	56054.76172	504528.2	5409808.6
L4530.0	504528.2	5409810.1	1139.90002	247.55	59.49	48.841247	-86.938287	56242.59	56392	-141.98	56100.61	56091.41406	56060.29370	56054.75000	504528.2	5409810.1
L4530.0	504528.2	5409811.5	1140.00000	246.33	59.49	48.841260	-86.938287	56242.79	56392	-141.97	56100.82	56091.74219	56060.17700	56054.69141	504528.2	5409811.5
L4530.0	504528.2	5409811.5	1140.09998	245.87	58.6	48.841260	-86.938287	56243.18	56392	-141.96	56101.22	56092.26172	56060.05330	56054.62891	504528.2	5409811.5
L4530.0	504528.2	5409812.9	1140.19995	245.38	57.97	48.841273	-86.938286	56242.90	56392	-141.95	56100.95	56092.11719	56059.97990	56054.61328	504528.2	5409812.9
L4530.0	504528.2	5409814.4	1140.30005	245.63	57.97	48.841286	-86.938286	56243.38	56391.9	-141.94	56101.44	56092.73438	56059.86138	56054.55859	504528.2	5409814.4
L4530.0	504528.2	5409815.7	1140.40002	245.67	58.35	48.841298	-86.938286	56242.95	56391.9	-141.93	56101.01	56092.44141	56059.80969	56054.57031	504528.2	5409815.7
L4530.0	504528.2	5409816.9	1140.50000	245.75	56.4	48.841309	-86.938286	56243.02	56391.9	-141.92	56101.10	56092.66797	56059.72873	56054.55469	504528.2	5409816.9
L4530.0	504528.2	5409818.1	1140.59998	244.27	56.4	48.841320	-86.938286	56243.07	56391.9	-141.91	56101.16	56092.87109	56059.65506	56054.55078	504528.2	5409818.1
L4530.0	504528.2	5409819.6	1140.69995	244.42	54.42	48.841333	-86.938286	56243.94	56391.9	-141.90	56102.04	56093.89453	56059.53192	56054.49609	504528.2	5409819.6
L4530.0	504528.2	5409819.6	1140.80005	244.54	57.36	48.841333	-86.938286	56244.18	56391.9	-141.89	56102.29	56094.29688	56059.45583	56054.49219	504528.2	5409819.6
L4530.0	504528.2	5409821.3	1140.90002	246.44	57.36	48.841348	-86.938286	56245.04	56391.9	-141.88	56103.16	56095.32031	56059.34334	56054.45313	504528.2	5409821.3
L4530.0	504528.2	5409822.7	1141.00000	249.06	50.85	48.841361	-86.938286	56244.90	56391.9	-141.87	56103.03	56095.34766	56059.30229	56054.48828	504528.2	5409822.7
L4530.0	504528.2	5409824.4	1141.09998	248.95	50.85	48.841376	-86.938286	56245.02	56391.9	-141.86	56103.16	56095.64063	56059.24851	56054.51172	504528.2	5409824.4
L4530.0	504528.2	5409824.4	1141.19995	249.79	50.89	48.841376	-86.938286	56245.52	56391.8	-141.84	56103.68	56096.32813	56059.17316	56054.51563	504528.2	5409824.4
L4530.0	504528.2	5409825.6	1141.30005	248.84	50.89	48.841387	-86.938286	56246.01	56391.8	-141.83	56104.18	56096.99609	56059.10339	56054.52734	504528.2	5409825.6
L4530.0	504528.2	5409827.1	1141.40002	248.80	53.39	48.841400	-86.938286	56246.88	56391.8	-141.81	56105.06	56098.05078	56059.01233	56054.51953	504528.2	5409827.1
L4530.0	504528.2	5409828.7	1141.50000	249.66	56.48	48.841415	-86.938286	56247.06	56391.8	-141.79	56105.26	56098.42969	56058.97043	56054.56250	504528.2	5409828.7
L4530.0	504528.2	5409829.7	1141.59998	250.36	59.73	48.841424	-86.938286	56247.67	56391.8	-141.78	56105.89	56099.24219	56058.90346	56054.58203	504528.2	5409829.7
L4530.0	504528.2	5409831.1	1141.69995	250.89	59.73	48.841436	-86.938286	56248.17	56391.8	-141.76	56106.41	56099.94922	56058.84718	56054.61328	504528.2	5409831.1
L4530.0	504528.2	5409832.4	1141.80005	250.66	55.26	48.841448	-86.938287	56248.43	56391.8	-141.75	56106.68	56100.40625	56058.81069	56054.66797	504528.2	5409832.4
L4530.0	504528.2	5409833.7	1141.90002	248.60	55.99	48.841460	-86.938287	56249.45	56391.7	-141.74	56107.72	56101.64063	56058.72571	56054.67969	504528.2	5409833.7
L4530.0	504528.2	5409833.7	1142.00000	249.02	57.08	48.841460	-86.938287	56249.82	56391.7	-141.72	56108.10	56102.21484	56058.68731	56054.73438	504528.2	5409833.7
L4530.0	504528.2	5409835.7	1142.09998	247.65	57.08	48.841477	-86.938287	56250.53	56391.7	-141.71	56108.82	56103.13672	56058.62854	56054.77344	504528.2	5409835.7
L4530.0	504528.1	5409836.6	1142.19995	245.56	57.29	48.841486	-86.938287	56251.48	56391.7	-141.70	56109.78	56104.30078	56058.55577	56054.80078	504528.1	5409836.6
L4530.0	504528.1	5409837.8	1142.30005	245.51	57.29	48.841497	-86.938287	56251.94	56391.7	-141.70	56110.24	56104.96875	56058.51804	56054.86328	504528.1	5409837.8
L4530.0	504528.1	5409839.2	1142.40002	246.53	58.51	48.841510	-86.938288	56253.23	56391.7	-141.69	56111.54	56106.47656	56058.42569	56054.87500	504528.1	5409839.2
L4530.0	504528.1	5409840.9	1142.50000	245.49	56.62	48.841525	-86.938288	56253.41	56391.7	-141.68	56111.73	56106.88281	56058.40840	56054.96484	504528.1	5409840.9
L4530.0	504528.1	5409840.9	1142.59998	246.07	57.83	48.841525	-86.938288	56254.56	56391.7	-141.67	56112.89	56108.25781	56058.32718	56054.99219	504528.1	5409840.9
L4530.0	504528.1	5409842.3	1142.69995	246.26	57.83	48.841537	-86.938288	56255.02	56391.7	-141.66	56113.36	56108.94922	56058.29235	56055.07031	504528.1	5409842.3
L4530.0	504528.1	5409843.4	1142.80005	246.36	55.19	48.841547	-86.938288	56255.46	56391.7	-141.66	56113.80	56109.61328	56058.25958	56055.14844	504528.1	5409843.4
L4530.0	504528.0	5409844.7	1142.90002	246.50	53.25	48.841559	-86.938289	56256.39	56391.6	-141.65	56114.74	56110.77734	56058.19317	56055.19922	504528.0	5409844.7
L4530.0	504528.0	5409846.0	1143.00000	245.27	53.25	48.841570	-86.938289	56256.50	56391.6	-141.64	56114.86	56111.12891	56058.18076	56055.30469	504528.0	5409846.0
L4530.0	504528.0	5409847.2	1143.09998	245.22	60.79	48.841581	-86.938289	56257.80	56391.6	-141.64	56116.16	56112.66016	56058.08866	56055.33203	504528.0	5409847.2
L4530.0	504528.0	5409847.2	1143.19995	245.71	67.05	48.841581	-86.938289	56258.29	56391.6	-141.63	56116.66	56113.39453	56058.04849	56055.41406	504528.0	5409847.2
L4530.0	504527.9	5409849.3	1143.30005	245.71	67.05	48.841600	-86.938290	56259.12	56391.6	-141.63	56117.49	56114.46094	56057.98454	56055.47266	504527.9	5409849.3
L4530.0	504527.9	5409850.5	1143.40002	246.36	67.51	48.841611	-86.938290	56260.02	56391.6	-141.62	56118.40	56115.61328	56057.91311	56055.52734	504527.9	5409850.5
L4530.0	504527.9	5409851.7	1143.50000	247.58	62.07	48.841622	-86.938290	56261.25	56391.6	-141.62	56119.63	56117.08594	56057.81780	56055.56250	504527.9	5409851.7
L4530.0	504527.9	5409853.4	1143.59998	247.32	62.07	48.841637	-86.938291	56262.03	56391.6	-141.62	56120.42	56118.12109	56057.74890	56055.62500	504527.9	5409853.4
L4530.0	504527.9	5409854.7	1143.69995	245.81	67.83	48.841649	-86.938291	56262.45	56391.6	-141.61	56120.83	56118.78125	56057.70201	56055.71484	504527.9	5409854.7
L4530.0	504527.9	5409855.9	1143.80005	247.11	66.62	48.841659	-86.938291	56263.36	56391.6	-141.61	56121.75	56119.94922	56057.61742	56055.76563	504527.9	5409855.9
L4530.0	504527.9	5409855.9	1143.90002	247.34	66.62	48.841659	-86.938291	56264.06	56391.6	-141.60	56122.46	56120.91406	56057.54273	56055.82813	504527.9	5409855.9
L4530.0	504527.9	5409857.5	1144.00000	249.07	66.7	48.841674	-86.938291	56265.07	56391.6	-141.60	56123.47	56122.17969	56057.44354	56055.87109	504527.9	5409857.5
L4530.0	504527.9	5409858.7	1144.09998	247.20	64.36	48.841685	-86.938291	56265.74	56391.6	-141.59	56124.14	56123.10547	56057.36213	56055.93359	504527.9	5409858.7
L4530.0	504527.9	5409860.4	1144.19995	246.74	64.36	48.841700	-86.938290	56266.71	56391.6	-141.59	56125.13	56124.35547	56057.25411	56055.97266	504527.9	5409860.4
L4530.0	504527.9	5409861.8	1144.30005	247.11	60.69	48.841713	-86.938290	56267.75	56391.6	-141.58	56126.16	56125.64844	56057.13775	56056.00781	504527.9	5409861.8
L4530.0	504527.9	5409861.8	1144.40002	245.99	60.69	48.841713	-86.938290	56268.59	56391.6	-141.58	56127.02	56126.77344	56057.02667	56056.04688	504527.9	5409861.8
L4530.0	504527.9	5409864.2	1144.50000	245.51	60.2	48.841734	-86.938290	56269.63	56391.6	-141.57	56128.06	56128.07813	56056.89715	56056.07031	504527.9	5409864.2
L4530.0	504527.9	5409864.2	1144.59998	246.12	60.2	48.841734	-86.938290	56270.50	56391.6	-141.56	56128.94	56129.22656	56056.77147	56056.10156	504527.9	5409864.2
L4530.0	504528.0	5409865.6	1144.69995	246.92	62.76	48.841747	-86.938289	56270.54	56391.6	-141.56	56128.98	56129.53516	56056.69459	56056.18750	504528.0	5409865.6
L4530.0	504528.0	5409867.1	1144.80005	245.97	64.51	48.841760	-86.938289	56270.94	56391.6	-141.55	56129.39	56130.21484	56056.58547	56056.23828	504528.0	5409867.1
L4530.0	504528.0	5409868.7	1144.90002	247.00	64.26	48.841775	-86.938289	56271.84	56391.5	-141.55	56130.29	56131.38672	56056.43574	56056.25391	504528.0	5409868.7
L4530.0	504528.0	5409868.7	1145.00000	247.62	64.26	48.841775	-86.938289	56272.42	56391.5	-141.54	56130.88	56132.25391	56056.29837	56056.28516	504528.0	5409868.7
L4530.0	504528.0	5409870.4	1145.09998	247.19	64.1	48.841790	-86.938288	56272.91	56391.5	-141.53	56131.39	56133.03906	56056.15768	56056.31250	504528.0	5409870.4
L4530.0	504528.0	5409871.8	1145.19995	246.09	64.1	48.841803	-86.938288	56273.72	56391.5	-141.51	56132.20	56134.12500	56055.98799	56056.31641	504528.0	5409871.8
L4530.0	504528.0	5409873.2	1145.30005	247.12	63.42	48.841815	-86.938288	56274.57	56391.5	-141.50	56133.06	56135.26563	56055.80561	56056.30859	504528.0	5409873.2
L4530.0	504528.0	5409873.2	1145.40002	249.45	63.71	48.841815	-86.938288	56274.81	56391.5	-141.49	56133.32	56135.80469	56055.65355	56056.33594	504528.0	5409873.2
L4530.0	504528.1	5409875.2	1145.50000	247.93	63.71	48.841833	-86.938288	56275.91	56391.5	-141.48	56134.44	56137.20703	56055.43414	56056.29688	504528.1	5409875.2
L4530.0	504528.1	5409876.1	1145.59998	248.43	64	48.841841	-86.938288	56275.74	56391.5	-141.46	56134.28	56137.32813	56055.28975	56056.33594	504528.1	5409876.1
L4530.0	504528.1	5409877.5	1145.69995	249.28	64.05	48.841854	-86.938288	56276.47	56391.4	-141.45	56135.02	56138.35156	56055.07471	56056.30859	504528.1	5409877.5
L4530.0	504528.1	5409877.5	1145.80005	249.30	64.05	48.841854	-86.938288	56276.66	56391.4	-141.44	56135.22	56138.83984	56054.88475	56056.30859	504528.1	5409877.5
L4530.0	504528.1	5409880.3	1145.90002	248.69	64.05	48.841879	-86.938288	56277.20	56391.4	-141.42	56135.77	56139.67578	56054.66021	56056.27734	504528.1	5409880.3
L4530.0	504528.1	5409880.3	1146.00000	247.41	59.24	48.841879	-86.938288	56277.35	56391.4	-141.41	56135.94	56140.13281	56054.44950	56056.26172	504528.1	5409880.3
L4530.0	504528.1	5409881.5	1146.09998	245.88	58.68	48.841890	-86.938288	56278.09	56391.4	-141.40	56136.68	56141.16016	56054.18901	56056.19922	504528.1	5409881.5
L4530.0	504528.1	5409883.0	1146.19995	246.10	58.68	48.841903	-86.938287	56277.94	56391.4	-141.39	56136.55	56141.32031	56053.97446	56056.18359	504528.1	5409883.0
L4530.0	504528.1	5409884.5	1146.30005	247.14	62.36	48.841917	-86.938287	56278.11	56391.4	-141.39	56136.73	56141.78906	56053.72694	56056.14063	504528.1	5409884.5
L4530.0	504528.1	5409885.9	1146.40002	247.32	62.36	48.841930	-86.938287	56278.73	56391.4	-141.38	56137.35	56142.69922	56053.43753	56056.05469	504528.1	5409885.9
L4530.0	504528.1	5409887.4	1146.50000	247.03	51.25	48.841943	-86.938287	56278.62	56391.4	-141.37	56137.25	56142.89063	56053.18333	56056.01172	504528.1	5409887.4
L4530.0	504528.1	5409888.5	1146.59998	247.55	51.25	48.841953	-86.938287	56279.49	56391.4	-141.36	56138.13	56144.06250	56052.85078	56055.89063	504528.1	5409888.5
L4530.0	504528.1	5409888.5	1146.69995	246.25	51.99	48.841953	-86.938287	56279.08	56391.4	-141.35	56137.72	56143.94922	56052.59099	56055.84375	504528.1	5409888.5
L4530.0	504528.1	5409890.2	1146.80005	246.28	53.87	48.841968	-86.938287	56279.44	56391.3	-141.35	56138.09	56144.61328	56052.26575	56055.73828	504528.1	5409890.2
L4530.0	504528.1	5409891.8	1146.90002	245.51	53.87	48.841983	-86.938287	56279.39	56391.3	-141.34	56138.06	56144.87500	56051.95353	56055.64453	504528.1	5409891.8
L4530.0	504528.1	5409891.8	1147.00000	245.14	57.4	48.841983	-86.938287	56279.57	56391.3	-141.33	56138.24	56145.35156	56051.61348	56055.52734	504528.1	5409891.8
L4530.0	504528.1	5409893.5	1147.09998	243.96	57.4	48.841997	-86.938287	56279.75	56391.3	-141.32	56138.43	56145.83984	56051.25873	56055.40234	504528.1	5409893.5
L4530.0	504528.1	5409894.9	1147.19995	245.95	58.13	48.842011	-86.938287	56279.69	56391.3	-141.30	56138.39	56146.09375	56050.90512	56055.27734	504528.1	5409894.9

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4530.0	504528.1	5409896.5	1147.30005	247.90	58.13	48.842025	-86.938287	56280.09	56391.3	-141.29	56138.80	56146.80078	56050.50715	56055.10938	504528.1	5409896.5
L4530.0	504528.1	5409896.5	1147.40002	245.93	60.23	48.842025	-86.938287	56279.66	56391.3	-141.27	56138.39	56146.69141	56050.14932	56054.98438	504528.1	5409896.5
L4530.0	504528.1	5409897.9	1147.50000	245.33	60.23	48.842037	-86.938287	56278.78	56391.3	-141.26	56137.53	56146.12891	56049.80683	56054.88281	504528.1	5409897.9
L4530.0	504528.1	5409899.4	1147.59998	245.45	63.19	48.842050	-86.938287	56278.96	56391.2	-141.24	56137.72	56146.61719	56049.37952	56054.69531	504528.1	5409899.4
L4530.0	504528.1	5409900.8	1147.69995	245.29	63.19	48.842063	-86.938287	56278.65	56391.2	-141.22	56137.42	56146.61719	56048.96994	56054.52734	504528.1	5409900.8
L4530.0	504528.1	5409900.8	1147.80005	245.42	61.22	48.842063	-86.938287	56278.53	56391.2	-141.21	56137.32	56146.82031	56048.53195	56054.33594	504528.1	5409900.8
L4530.0	504528.1	5409902.6	1147.90002	244.51	60.28	48.842079	-86.938287	56278.59	56391.2	-141.19	56137.40	56147.19922	56048.06677	56054.11719	504528.1	5409902.6
L4530.0	504528.1	5409904.0	1148.00000	244.66	60.28	48.842093	-86.938287	56278.54	56391.2	-141.18	56137.36	56147.46094	56047.59429	56053.89453	504528.1	5409904.0
L4530.0	504528.1	5409904.0	1148.09998	244.75	59.31	48.842093	-86.938287	56278.48	56391.2	-141.17	56137.31	56147.71484	56047.10707	56053.66406	504528.1	5409904.0
L4530.0	504528.1	5409905.4	1148.19995	243.33	59.31	48.842105	-86.938287	56278.39	56391.2	-141.16	56137.23	56147.93750	56046.60635	56053.41797	504528.1	5409905.4
L4530.0	504528.1	5409907.0	1148.30005	244.01	58.76	48.842119	-86.938286	56277.98	56391.2	-141.16	56136.82	56147.82813	56046.11203	56053.18359	504528.1	5409907.0
L4530.0	504528.1	5409908.5	1148.40002	243.04	58.76	48.842132	-86.938286	56276.94	56391.1	-141.15	56135.79	56147.10156	56045.64335	56052.97656	504528.1	5409908.5
L4530.0	504528.1	5409910.1	1148.50000	243.77	58.56	48.842147	-86.938286	56276.66	56391.1	-141.14	56135.52	56147.13672	56045.10824	56052.70313	504528.1	5409910.1
L4530.0	504528.1	5409910.1	1148.59998	246.50	60.6	48.842147	-86.938286	56276.10	56391.1	-141.13	56134.97	56146.89453	56044.57595	56052.43750	504528.1	5409910.1
L4530.0	504528.1	5409911.4	1148.69995	245.72	60.6	48.842159	-86.938286	56275.66	56391.1	-141.12	56134.54	56146.76953	56044.01975	56052.15234	504528.1	5409911.4
L4530.0	504528.1	5409913.0	1148.80005	244.78	64.17	48.842174	-86.938286	56275.67	56391.1	-141.12	56134.55	56147.08594	56043.41823	56051.82031	504528.1	5409913.0
L4530.0	504528.1	5409914.4	1148.90002	245.68	63.77	48.842186	-86.938287	56275.00	56391.1	-141.11	56133.89	56146.73047	56042.84533	56051.52344	504528.1	5409914.4
L4530.0	504528.1	5409916.1	1149.00000	247.56	63.77	48.842201	-86.938287	56274.16	56391.1	-141.10	56133.06	56146.21094	56042.26767	56051.22266	504528.1	5409916.1
L4530.0	504528.1	5409917.0	1149.09998	247.24	63.43	48.842209	-86.938287	56273.62	56391.1	-141.09	56132.53	56145.98828	56041.65384	56050.88672	504528.1	5409917.0
L4530.0	504528.1	5409917.0	1149.19995	246.33	60.33	48.842209	-86.938287	56273.45	56391.1	-141.08	56132.37	56146.13672	56040.99915	56050.51172	504528.1	5409917.0
L4530.0	504528.1	5409919.2	1149.30005	246.92	60.33	48.842229	-86.938287	56272.48	56391.1	-141.07	56131.41	56145.48828	56040.38152	56050.17969	504528.1	5409919.2
L4530.0	504528.1	5409919.2	1149.40002	247.48	59.14	48.842229	-86.938287	56271.89	56391.1	-141.06	56130.83	56145.21875	56039.72226	56049.80469	504528.1	5409919.2
L4530.0	504528.1	5409920.4	1149.50000	247.27	61.26	48.842240	-86.938287	56272.06	56391	-141.04	56131.02	56145.72266	56038.99533	56049.36328	504528.1	5409920.4
L4530.0	504528.1	5409923.0	1149.59998	246.51	61.26	48.842263	-86.938287	56270.94	56391	-141.03	56129.91	56144.92578	56038.33867	56048.99609	504528.1	5409923.0
L4530.0	504528.1	5409923.0	1149.69995	244.63	63.24	48.842263	-86.938287	56270.07	56391	-141.02	56129.05	56144.37891	56037.64892	56048.60156	504528.1	5409923.0
L4530.0	504528.1	5409924.3	1149.80005	243.92	63.24	48.842274	-86.938287	56269.87	56391	-141.01	56128.86	56144.50391	56036.89803	56048.14063	504528.1	5409924.3
L4530.0	504528.1	5409925.8	1149.90002	242.39	61.17	48.842289	-86.938287	56268.14	56391	-141.00	56127.14	56143.09766	56036.23265	56047.77344	504528.1	5409925.8
L4530.0	504528.1	5409925.8	1150.00000	243.03	61.17	48.842289	-86.938287	56268.09	56391	-140.99	56127.10	56143.37500	56035.43873	56047.27734	504528.1	5409925.8
L4530.0	504528.1	5409927.5	1150.09998	244.48	58.34	48.842304	-86.938287	56267.12	56391	-140.98	56126.14	56142.73438	56034.68957	56046.82422	504528.1	5409927.5
L4530.0	504528.0	5409929.4	1150.19995	244.68	57.57	48.842321	-86.938288	56266.81	56391	-140.97	56125.83	56142.74219	56033.88047	56046.31641	504528.0	5409929.4
L4530.0	504528.0	5409929.4	1150.30005	245.87	57.57	48.842321	-86.938288	56265.28	56391	-140.96	56124.32	56141.55469	56033.13473	56045.87500	504528.0	5409929.4
L4530.0	504528.0	5409931.1	1150.40002	248.10	57.57	48.842336	-86.938288	56264.92	56390.9	-140.95	56123.97	56141.52734	56032.29498	56045.33594	504528.0	5409931.1
L4530.0	504528.0	5409932.4	1150.50000	246.27	62.43	48.842348	-86.938288	56263.59	56390.9	-140.94	56122.65	56140.52734	56031.50319	56044.85156	504528.0	5409932.4
L4530.0	504528.0	5409933.9	1150.59998	246.49	62.43	48.842361	-86.938288	56263.26	56390.9	-140.93	56122.33	56140.53516	56030.62797	56044.28125	504528.0	5409933.9
L4530.0	504528.0	5409935.7	1150.69995	246.11	68.16	48.842378	-86.938288	56261.86	56390.9	-140.92	56120.94	56139.46875	56029.80731	56043.76953	504528.0	5409935.7
L4530.0	504528.0	5409935.7	1150.80005	248.07	68.78	48.842378	-86.938288	56260.34	56390.9	-140.91	56119.43	56138.28516	56028.97781	56043.25000	504528.0	5409935.7
L4530.0	504528.0	5409937.4	1150.90002	248.03	68.78	48.842392	-86.938288	56259.17	56390.9	-140.90	56118.27	56137.45703	56028.10812	56042.69141	504528.0	5409937.4
L4530.0	504528.0	5409938.5	1151.00000	246.92	61.4	48.842403	-86.938288	56258.00	56390.9	-140.89	56117.11	56136.62500	56027.22152	56042.11719	504528.0	5409938.5
L4530.0	504528.0	5409938.5	1151.09998	246.20	57.06	48.842403	-86.938288	56258.19	56390.9	-140.88	56117.31	56137.16016	56026.22729	56041.43359	504528.0	5409938.5
L4530.0	504528.0	5409940.2	1151.19995	247.18	57.06	48.842417	-86.938288	56257.42	56390.9	-140.87	56116.55	56136.73047	56025.28007	56040.80078	504528.0	5409940.2
L4530.0	504528.0	5409941.8	1151.30005	246.62	60.77	48.842432	-86.938288	56256.16	56390.9	-140.86	56115.30	56135.81641	56024.34847	56040.18359	504528.0	5409941.8
L4530.0	504527.9	5409943.2	1151.40002	245.86	59.66	48.842444	-86.938289	56255.28	56390.8	-140.85	56114.43	56135.28516	56023.37444	56039.52344	504527.9	5409943.2
L4530.0	504527.9	5409944.3	1151.50000	247.46	59.66	48.842455	-86.938289	56254.02	56390.8	-140.83	56113.19	56134.38281	56022.40793	56038.87109	504527.9	5409944.3
L4530.0	504527.9	5409944.3	1151.59998	246.58	61.45	48.842455	-86.938289	56253.25	56390.8	-140.82	56112.43	56133.96484	56021.39223	56038.17188	504527.9	5409944.3
L4530.0	504527.9	5409945.9	1151.69995	246.62	56.65	48.842470	-86.938289	56252.34	56390.8	-140.81	56111.53	56133.41016	56020.36860	56037.46484	504527.9	5409945.9
L4530.0	504527.9	5409947.4	1151.80005	247.55	56.65	48.842483	-86.938289	56250.93	56390.8	-140.80	56110.12	56132.34375	56019.36166	56036.77344	504527.9	5409947.4
L4530.0	504527.9	5409948.8	1151.90002	248.54	57.82	48.842495	-86.938289	56249.69	56390.8	-140.79	56108.90	56131.47266	56018.32470	56036.05469	504527.9	5409948.8
L4530.0	504527.9	5409949.9	1152.00000	246.59	57.82	48.842505	-86.938289	56248.82	56390.8	-140.78	56108.04	56130.96094	56017.24630	56035.29297	504527.9	5409949.9
L4530.0	504527.9	5409949.9	1152.09998	247.92	59.37	48.842505	-86.938289	56247.82	56390.8	-140.76	56107.05	56130.32031	56016.15910	56034.52344	504527.9	5409949.9
L4530.0	504528.0	5409951.5	1152.19995	247.37	70.46	48.842520	-86.938288	56246.78	56390.7	-140.75	56106.03	56129.65625	56015.05634	56033.73828	504528.0	5409951.5
L4530.0	504528.0	5409952.9	1152.30005	246.74	70.46	48.842532	-86.938288	56245.93	56390.7	-140.73	56105.20	56129.18359	56013.92332	56032.92188	504528.0	5409952.9
L4530.0	504528.0	5409954.6	1152.40002	245.14	56.6	48.842547	-86.938288	56243.86	56390.7	-140.72	56103.15	56127.49219	56012.85397	56032.16797	504528.0	5409954.6
L4530.0	504528.0	5409954.6	1152.50000	245.95	62.58	48.842547	-86.938288	56242.90	56390.7	-140.70	56102.20	56126.90234	56011.69355	56031.32422	504528.0	5409954.6
L4530.0	504528.0	5409956.5	1152.59998	244.34	62.58	48.842564	-86.938288	56241.73	56390.7	-140.68	56101.04	56126.10547	56010.52934	56030.47266	504528.0	5409956.5
L4530.0	504528.0	5409957.6	1152.69995	243.58	59.34	48.842575	-86.938288	56240.09	56390.7	-140.67	56099.42	56124.85156	56009.37793	56029.63672	504528.0	5409957.6
L4530.0	504528.0	5409959.1	1152.80005	244.26	59.34	48.842588	-86.938287	56238.48	56390.7	-140.65	56097.82	56123.62109	56008.20728	56028.78125	504528.0	5409959.1
L4530.0	504528.0	5409960.3	1152.90002	247.54	55.03	48.842599	-86.938287	56237.66	56390.6	-140.64	56097.03	56123.19922	56006.96465	56027.85156	504528.0	5409960.3
L4530.0	504528.0	5409961.4	1153.00000	248.06	55.03	48.842609	-86.938287	56235.98	56390.6	-140.62	56095.36	56121.90234	56005.76263	56026.96094	504528.0	5409961.4
L4530.0	504528.0	5409961.4	1153.09998	247.24	63.47	48.842609	-86.938287	56234.35	56390.6	-140.61	56093.74	56120.66016	56004.53918	56026.05078	504528.0	5409961.4
L4530.0	504528.0	5409963.1	1153.19995	248.20	60.7	48.842624	-86.938287	56233.09	56390.6	-140.59	56092.50	56119.80078	56003.27221	56025.09375	504528.0	5409963.1
L4530.0	504528.1	5409964.0	1153.30005	248.20	60.7	48.842632	-86.938287	56231.39	56390.6	-140.58	56090.81	56118.49219	56002.01701	56024.14453	504528.1	5409964.0
L4530.0	504528.1	5409965.5	1153.40002	248.41	63	48.842646	-86.938287	56230.57	56390.6	-140.56	56090.01	56118.07813	56000.68418	56023.12109	504528.1	5409965.5
L4530.0	504528.1	5409967.2	1153.50000	248.18	63	48.842661	-86.938287	56228.71	56390.5	-140.54	56088.16	56116.61328	55999.40298	56022.14453	504528.1	5409967.2
L4530.0	504528.1	5409969.1	1153.59998	247.50	58.59	48.842677	-86.938286	56227.22	56390.5	-140.53	56086.69	56115.53516	55998.07803	56021.12500	504528.1	5409969.1
L4530.0	504528.1	5409969.1	1153.69995	249.40	57.21	48.842677	-86.938286	56225.52	56390.5	-140.51	56085.00	56114.23828	55996.74926	56020.09766	504528.1	5409969.1
L4530.0	504528.1	5409970.5	1153.80005	248.37	57.21	48.842690	-86.938286	56224.04	56390.5	-140.50	56083.54	56113.17578	55995.38661	56019.03516	504528.1	5409970.5
L4530.0	504528.1	5409972.6	1153.90002	248.15	66.52	48.842709	-86.938286	56221.90	56390.5	-140.49	56081.41	56111.44531	55994.05003	56018.00000	504528.1	5409972.6
L4530.0	504528.1	5409972.6	1154.00000	249.56	66.52	48.842709	-86.938286	56220.59	56390.5	-140.47	56080.12	56110.55859	55992.63879	56016.88672	504528.1	5409972.6
L4530.0	504528.1	5409973.6	1154.09998	250.38	69.68	48.842718	-86.938286	56219.56	56390.5	-140.46	56079.10	56109.94141	55991.19082	56015.73047	504528.1	5409973.6
L4530.0	504528.2	5409975.4	1154.19995	250.59	69.68	48.842735	-86.938285	56217.36	56390.4	-140.44	56076.91	56108.16016	55989.80209	56014.63672	504528.2	5409975.4
L4530.0	504528.2	5409975.4	1154.30005	250.24	69.87	48.842735	-86.938285	56216.29	56390.4	-140.43	56075.86	56107.52344	55988.31854	56013.44141	504528.2	5409975.4
L4530.0	504528.2	5409976.9	1154.40002	250.11	69.87	48.842748	-86.938285	56213.91	56390.4	-140.42	56073.49	56105.56641	55986.90411	56012.31641	504528.2	5409976.9
L4530.0	504528.2	5409978.7	1154.50000	249.12	60.13	48.842764	-86.938285	56212.24	56390.4	-140.40	56071.84	56104.33594	55985.42276	56011.12109	504528.2	5409978.7
L4530.0	504528.2	5409979.4	1154.59998	250.89	59.26	48.842771	-86.938285	56210.59	56390.4	-140.39	56070.20	56103.11719	55983.92179	56009.90234	504528.2	5409979.4
L4530.0	504528.2	5409980.8	1154.69995	250.10	59.26	48.842783	-86.938285	56208.65	56390.4	-140.38	56068.27	56101.61328	55982.42115	56008.67969	504528.2	5409980.8
L4530.0	504528.2	5409982.0	1154.80005	249.05	57	48.842794	-86.938285	56207.01	56390.4	-140.37	56066.64	56100.41016	55980.88146	56007.41797	504528.2	5409982.0
L4530.0	504528.2	5409982.0	1154.90002	249.98	69.41	48.842794	-86.938285	56205.11	56390.4	-140.35	56064.75	56098.95313	55979.34004	56006.14844	504528.2	5409982.0
L4530.0	504528.2	5409983.7	1155.00000	250.74	69.41	48.842810	-86.938284	56202.90	56390.3	-140.34	56062.56	56097.19531	55977.79953	56004.88281	504528.2	5409983.7
L4530.0	504528.2	5409985.3	1155.09998	250.10	69.41	48.842824	-86.938284	56201.27	56390.3	-140.32	56060.94	56096.01563	55976.20189	56003.55078	504528.2	5409985.3
L4530.0	504528.2	5409986.5	1155.19995	249.12	69.66	48.842835	-86.938284	56198.86	56390.3	-140.31	56058.55	56094.06641	55974.63645	56002.25000	504528.2	5409986.5
L4530.0	504528.2	5409986.5	1155.30005	248.09	63.73	48.842835	-86.938284	56197.72	56390.3	-140.29	56057.43	56093.39063	55972.96720	56000.84375	504528.2	5409986.5
L4530.0	504528.2	5409988.5	1155.40002	247.80	63.73	48.842852	-86.938284	56195.03	56390.3	-140.28	56054.75	56091.15625	55971.38280	55999.51953	504528.2	5409988.5
L4530.0	504528.2	5409989.7	1155.50000	247.50	57.23	48.842863	-86.938284	56192.97	56390.3	-140.26	56052.70	56089.55859	55969.73725	55998.12891	504528.2	5409989.7
L4530.0	504528.2	5409991.1	1155.59998	245.61	58.18	48.842875	-86.938284	56190.89	56390.3	-140.25	56050.64	56087.95313	55968.07323	55996.71875	504528.2	5409991.1
L4530.0	504528.2	5409992.7	1155.69995	246.34	64.4	48.842890	-86.938284	56188.89	56390.2	-140.24	56048.66	56086.43359	55966.38476	55995.27734	504528.2	5409992.7
L4530.0	504528.2	5409994.6	1155.80005	244.46	64.4	48.842907	-86.938285	56186.72	56390.2	-140.22	56046.50	56084.73438	55964.68921	55993.82813	504528.2	5409994.6
L4530.0	504528.2	5409994.6	1155.90002	243.47	64.4	48.842907	-86.938285	56184.87	56390.2	-140.21	56044.66	56083.35938	55962.95327	55992.33203	504528.2	5409994.6
L4530.0	504528.2	5409995.8	1156.00000	244.31	62.89	48.842918	-86.938285	56182.14	56390.2	-140.19	56041.95	56081.12109	55961.25631	55990.87500	504528.2	5409995.8
L4530.0	504528.2	5409997.6	1156.09998	245.02	62.89	48.842935	-86.938285	56179.84	56390.2	-140.18	56039.66	56079.30078	55959.51241	55989.36719	504528.2	5409997.6
L4530.0	504528.2	5409997.6	1156.19995	246.53	59.54	48.842935	-86.938285	56177.84	56390.2	-140.17	56037.67	56077.78906	55957.72962	55987.81641	504528.2	5409997.6
L4530.0	504528.2	5409998.9	1156.30005	246.01	57.69	48.842946	-86.938285	56175.04	56390.2	-140.16	56034.88	56075.47656	55955.98135	55986.29297	504528.2	5409998.9
L4530.0	504528.1	5410000.3	1156.40002	246.25	57.69	48.842958	-86.938285	56173.06	56390.1	-140.15	56032.91	56073.98828	55954.15970	55984.69531	504528.1	5410000.3
L4530.0	504528.1	5410001.6	1156.50000	244.99	59.06	48.842970	-86.938286	56169.80	56390.1	-140.14	56029.66	56071.22656	55952.40475	55983.16016	504528.1	5410001.6

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4530.0	504528.1	5410003.3	1156.59998	247.05	59.06	48.842985	-86.938286	56167.79	56390.1	-140.12	56027.67	56069.72656	55950.54728	55981.51953	504528.1	5410003.3
L4530.0	504528.1	5410003.3	1156.69995	245.92	57.11	48.842985	-86.938286	56164.82	56390.1	-140.11	56024.71	56067.26172	55948.73609	55979.92188	504528.1	5410003.3
L4530.0	504528.1	5410004.7	1156.80005	245.47	57.11	48.842998	-86.938286	56162.43	56390.1	-140.10	56022.33	56065.37891	55946.86798	55978.26172	504528.1	5410004.7
L4530.0	504528.1	5410006.3	1156.90002	244.69	56.52	48.843013	-86.938286	56160.08	56390.1	-140.09	56019.99	56063.53906	55944.97909	55976.58203	504528.1	5410006.3
L4530.0	504528.0	5410008.0	1157.00000	245.81	56.52	48.843028	-86.938287	56157.04	56390.1	-140.08	56016.96	56061.01172	55943.11825	55974.92188	504528.0	5410008.0
L4530.0	504528.0	5410008.0	1157.09998	246.24	56.52	48.843028	-86.938287	56154.32	56390.1	-140.08	56014.24	56058.80078	55941.21898	55973.21875	504528.0	5410008.0
L4530.0	504528.0	5410009.8	1157.19995	245.91	65.11	48.843044	-86.938287	56151.45	56390.1	-140.07	56011.38	56056.45313	55939.31145	55971.50781	504528.0	5410009.8
L4530.0	504528.0	5410011.3	1157.30005	245.89	53.6	48.843057	-86.938287	56148.57	56390.1	-140.07	56008.51	56054.09766	55937.38720	55969.77344	504528.0	5410011.3
L4530.0	504528.0	5410013.1	1157.40002	246.93	53.6	48.843074	-86.938287	56145.74	56390.1	-140.06	56005.68	56051.78906	55935.44312	55968.01563	504528.0	5410013.1
L4530.0	504528.0	5410013.1	1157.50000	245.81	54.44	48.843074	-86.938287	56143.08	56390.1	-140.06	56003.03	56049.66016	55933.47010	55966.22656	504528.0	5410013.1
L4530.0	504528.0	5410014.5	1157.59998	246.06	54.44	48.843086	-86.938287	56139.74	56390.1	-140.05	55999.69	56046.84766	55931.52640	55964.46484	504528.0	5410014.5
L4530.0	504528.0	5410014.5	1157.69995	247.87	54.44	48.843086	-86.938287	56136.96	56390	-140.04	55996.91	56044.59766	55929.52892	55962.64453	504528.0	5410014.5
L4530.0	504528.0	5410016.1	1157.80005	246.73	62.5	48.843101	-86.938287	56133.80	56390	-140.04	55993.76	56041.98047	55927.53996	55960.82813	504528.0	5410016.1
L4530.0	504528.0	5410017.5	1157.90002	246.10	69.6	48.843113	-86.938287	56131.02	56390	-140.03	55990.99	56039.74609	55925.50979	55958.96875	504528.0	5410017.5
L4530.0	504528.0	5410018.9	1158.00000	246.19	69.47	48.843126	-86.938286	56127.25	56390	-140.03	55987.22	56036.51953	55923.53074	55957.15625	504528.0	5410018.9
L4530.0	504528.1	5410020.4	1158.09998	247.05	69.47	48.843139	-86.938286	56124.44	56390	-140.01	55984.42	56034.26563	55921.47177	55955.25781	504528.1	5410020.4
L4530.0	504528.1	5410020.4	1158.19995	246.96	69.47	48.843139	-86.938286	56121.51	56390	-140.00	55981.51	56031.90234	55919.40523	55953.35156	504528.1	5410020.4
L4530.0	504528.1	5410023.1	1158.30005	247.12	69.78	48.843163	-86.938286	56117.82	56390	-139.99	55977.83	56028.77344	55917.37548	55951.48047	504528.1	5410023.1
L4530.0	504528.1	5410023.1	1158.40002	248.72	59.81	48.843163	-86.938286	56114.57	56390	-139.97	55974.60	56026.10156	55915.30154	55949.55859	504528.1	5410023.1
L4530.0	504528.1	5410023.1	1158.50000	249.70	59.81	48.843163	-86.938286	56111.22	56390	-139.95	55971.26	56023.32031	55913.22113	55947.62891	504528.1	5410023.1
L4530.0	504528.1	5410024.7	1158.59998	248.95	64.14	48.843178	-86.938286	56108.28	56389.9	-139.94	55968.34	56020.96094	55911.09931	55945.65625	504528.1	5410024.7
L4530.0	504528.1	5410025.8	1158.69995	249.09	69.25	48.843188	-86.938286	56104.53	56389.9	-139.92	55964.61	56017.80078	55909.01852	55943.71875	504528.1	5410025.8
L4530.0	504528.1	5410028.2	1158.80005	250.83	69.25	48.843210	-86.938285	56100.89	56389.9	-139.91	55960.99	56014.75000	55906.91783	55941.75781	504528.1	5410028.2
L4530.0	504528.1	5410028.2	1158.90002	250.21	65.29	48.843210	-86.938285	56097.96	56389.9	-139.89	55958.06	56012.39453	55904.75902	55939.73828	504528.1	5410028.2
L4530.0	504528.1	5410029.8	1159.00000	250.50	68.91	48.843224	-86.938285	56093.68	56389.9	-139.88	55953.80	56008.71094	55902.67724	55937.79297	504528.1	5410029.8
L4530.0	504528.1	5410031.6	1159.09998	250.85	68.91	48.843240	-86.938285	56089.96	56389.9	-139.88	55950.08	56005.57422	55900.54828	55935.80078	504528.1	5410031.6
L4530.0	504528.1	5410031.6	1159.19995	250.63	63.41	48.843240	-86.938285	56086.78	56389.9	-139.87	55946.91	56002.98828	55898.37197	55933.75391	504528.1	5410031.6
L4530.0	504528.1	5410033.1	1159.30005	248.41	63.41	48.843253	-86.938285	56082.53	56389.9	-139.87	55942.66	55999.32422	55896.25748	55931.76953	504528.1	5410033.1
L4530.0	504528.1	5410034.4	1159.40002	247.85	59.99	48.843265	-86.938285	56079.08	56389.9	-139.86	55939.22	55996.47656	55894.07933	55929.71875	504528.1	5410034.4
L4530.0	504528.1	5410035.7	1159.50000	247.82	59.99	48.843277	-86.938285	56075.57	56389.9	-139.86	55935.71	55993.56250	55891.89673	55927.66016	504528.1	5410035.7
L4530.0	504528.1	5410035.7	1159.59998	247.63	69.03	48.843277	-86.938285	56071.65	56389.9	-139.86	55931.80	55990.25391	55889.73222	55925.61719	504528.1	5410035.7
L4530.0	504528.2	5410036.9	1159.69995	246.57	61.49	48.843288	-86.938285	56067.70	56389.9	-139.85	55927.85	55986.90625	55887.56236	55923.57031	504528.2	5410036.9
L4530.0	504528.2	5410038.4	1159.80005	248.66	61.49	48.843302	-86.938285	56063.66	56389.8	-139.85	55923.81	55983.47266	55885.39106	55921.51563	504528.2	5410038.4
L4530.0	504528.2	5410038.4	1159.90002	248.53	65.36	48.843302	-86.938285	56060.37	56389.8	-139.84	55920.53	55980.80078	55883.16224	55919.40625	504528.2	5410038.4
L4530.0	504528.2	5410039.9	1160.00000	247.23	65.36	48.843315	-86.938285	56056.22	56389.8	-139.84	55916.38	55977.26563	55880.98516	55917.34375	504528.2	5410039.9
L4530.0	504528.2	5410041.1	1160.09998	248.68	68.42	48.843325	-86.938285	56052.33	56389.8	-139.82	55912.51	55974.01563	55878.78377	55915.25781	504528.2	5410041.1
L4530.0	504528.2	5410042.4	1160.19995	249.09	68.91	48.843337	-86.938285	56047.64	56389.8	-139.80	55907.84	55969.96484	55876.63068	55913.21484	504528.2	5410042.4
L4530.0	504528.2	5410043.7	1160.30005	247.95	68.91	48.843348	-86.938284	56044.00	56389.8	-139.78	55904.22	55966.96875	55874.40318	55911.10156	504528.2	5410043.7
L4530.0	504528.2	5410043.7	1160.40002	248.37	68.69	48.843348	-86.938284	56040.11	56389.8	-139.76	55900.35	55963.72656	55872.18860	55908.99609	504528.2	5410043.7
L4530.0	504528.2	5410045.1	1160.50000	249.48	66.41	48.843361	-86.938284	56035.91	56389.7	-139.75	55896.16	55960.16797	55869.99223	55906.91016	504528.2	5410045.1
L4530.0	504528.2	5410046.4	1160.59998	249.28	66.41	48.843373	-86.938285	56032.04	56389.7	-139.73	55892.31	55956.95313	55867.77073	55904.79688	504528.2	5410046.4
L4530.0	504528.2	5410047.6	1160.69995	249.90	66.41	48.843384	-86.938285	56027.91	56389.7	-139.71	55888.21	55953.49219	55865.56410	55902.69922	504528.2	5410047.6
L4530.0	504528.2	5410047.6	1160.80005	248.12	57.45	48.843384	-86.938285	56024.13	56389.7	-139.69	55884.44	55950.36328	55863.33434	55900.57813	504528.2	5410047.6
L4530.0	504528.2	5410048.9	1160.90002	247.66	58.3	48.843396	-86.938285	56020.20	56389.7	-139.67	55880.53	55947.10156	55861.11346	55898.46484	504528.2	5410048.9
L4530.0	504528.1	5410050.1	1161.00000	245.56	58.3	48.843406	-86.938285	56016.25	56389.7	-139.65	55876.60	55943.82031	55858.89413	55896.35156	504528.1	5410050.1
L4530.0	504528.1	5410051.0	1161.09998	245.70	59.26	48.843415	-86.938285	56011.42	56389.6	-139.64	55871.78	55939.65234	55856.73504	55894.30078	504528.1	5410051.0
L4530.0	504528.1	5410051.0	1161.19995	246.13	66.41	48.843415	-86.938285	56007.68	56389.6	-139.63	55868.05	55936.57813	55854.50487	55892.17578	504528.1	5410051.0
L4530.0	504528.1	5410052.5	1161.30005	246.90	66.41	48.843428	-86.938285	56003.38	56389.6	-139.62	55863.76	55932.94531	55852.31431	55890.09375	504528.1	5410052.5
L4530.0	504528.1	5410053.6	1161.40002	245.77	60.58	48.843438	-86.938285	55999.51	56389.6	-139.61	55859.90	55929.75000	55850.09805	55887.98438	504528.1	5410053.6
L4530.0	504528.1	5410054.5	1161.50000	246.11	60.58	48.843446	-86.938285	55995.08	56389.6	-139.60	55855.49	55926.00781	55847.92211	55885.91797	504528.1	5410054.5
L4530.0	504528.1	5410054.5	1161.59998	246.12	58.94	48.843446	-86.938285	55991.04	56389.6	-139.58	55851.45	55922.63672	55845.72585	55883.82813	504528.1	5410054.5
L4530.0	504528.1	5410055.8	1161.69995	247.44	58.94	48.843458	-86.938285	55987.07	56389.6	-139.57	55847.49	55919.34766	55843.52930	55881.74219	504528.1	5410055.8
L4530.0	504528.1	5410056.9	1161.80005	247.51	56.67	48.843468	-86.938285	55983.52	56389.6	-139.56	55843.96	55916.49609	55841.30980	55879.62891	504528.1	5410056.9
L4530.0	504528.1	5410058.1	1161.90002	247.83	56.67	48.843478	-86.938285	55979.00	56389.6	-139.55	55839.45	55912.66406	55839.16203	55877.59375	504528.1	5410058.1
L4530.0	504528.1	5410058.1	1162.00000	248.70	63.43	48.843478	-86.938285	55974.80	56389.5	-139.54	55835.26	55909.15625	55837.00002	55875.54297	504528.1	5410058.1
L4530.0	504528.1	5410059.5	1162.09998	247.30	67.27	48.843491	-86.938285	55970.80	56389.5	-139.53	55831.27	55905.85547	55834.83244	55873.48828	504528.1	5410059.5
L4530.0	504528.1	5410060.5	1162.19995	247.35	67.27	48.843500	-86.938285	55966.30	56389.5	-139.52	55826.78	55902.05469	55832.70663	55871.47656	504528.1	5410060.5
L4530.0	504528.1	5410061.5	1162.30005	246.62	66.94	48.843509	-86.938285	55962.91	56389.5	-139.51	55823.39	55899.35547	55830.51658	55869.39844	504528.1	5410061.5
L4530.0	504528.1	5410062.5	1162.40002	245.70	66.94	48.843518	-86.938285	55959.62	56389.5	-139.50	55820.12	55896.78125	55828.32830	55867.32813	504528.1	5410062.5
L4530.0	504528.1	5410062.5	1162.50000	245.97	63.74	48.843518	-86.938285	55955.39	56389.5	-139.49	55815.90	55893.25781	55826.21375	55865.33203	504528.1	5410062.5
L4530.0	504528.1	5410063.9	1162.59998	246.44	63.74	48.843531	-86.938285	55951.53	56389.5	-139.49	55812.04	55890.10156	55824.08626	55863.32422	504528.1	5410063.9
L4530.0	504528.1	5410064.9	1162.69995	246.29	57.51	48.843540	-86.938286	55947.91	56389.5	-139.48	55808.43	55887.19531	55821.95380	55861.31250	504528.1	5410064.9
L4530.0	504528.1	5410064.9	1162.80005	245.33	57.51	48.843540	-86.938286	55943.46	56389.5	-139.47	55803.99	55883.46484	55819.88898	55859.37109	504528.1	5410064.9
L4530.0	504528.1	5410066.0	1162.90002	246.25	58.58	48.843549	-86.938286	55940.68	56389.5	-139.46	55801.22	55881.40625	55817.72577	55857.33203	504528.1	5410066.0
L4530.0	504528.0	5410066.9	1163.00000	247.04	58.58	48.843557	-86.938286	55936.15	56389.4	-139.45	55796.70	55877.59766	55815.69276	55855.42578	504528.0	5410066.9
L4530.0	504528.0	5410066.9	1163.09998	247.83	63.46	48.843557	-86.938286	55933.01	56389.4	-139.43	55793.57	55875.18750	55813.58123	55853.44531	504528.0	5410066.9
L4530.0	504528.0	5410067.9	1163.19995	248.25	67.26	48.843567	-86.938286	55929.22	56389.4	-139.42	55789.80	55872.13672	55811.52709	55851.52344	504528.0	5410067.9
L4530.0	504528.0	5410068.8	1163.30005	248.25	67.26	48.843575	-86.938286	55925.57	56389.4	-139.40	55786.17	55869.22656	55809.47892	55849.60938	504528.0	5410068.8
L4530.0	504528.0	5410069.6	1163.40002	248.07	67.26	48.843581	-86.938287	55921.91	56389.4	-139.39	55782.52	55866.30469	55807.44795	55847.71484	504528.0	5410069.6
L4530.0	504528.0	5410070.6	1163.50000	247.80	67.39	48.843591	-86.938287	55918.08	56389.4	-139.37	55778.71	55863.22266	55805.44407	55845.84766	504528.0	5410070.6
L4530.0	504528.0	5410070.6	1163.59998	247.97	64.42	48.843591	-86.938287	55914.85	56389.4	-139.35	55775.49	55860.73438	55803.41780	55843.96484	504528.0	5410070.6
L4530.0	504528.0	5410071.6	1163.69995	248.39	64.58	48.843600	-86.938287	55911.61	56389.3	-139.34	55772.28	55858.25781	55801.40836	55842.09766	504528.0	5410071.6
L4530.0	504528.0	5410072.4	1163.80005	247.18	64.58	48.843607	-86.938287	55908.42	56389.3	-139.32	55769.10	55855.81250	55799.41490	55840.25000	504528.0	5410072.4
L4530.0	504527.9	5410073.3	1163.90002	247.04	64.58	48.843615	-86.938287	55904.63	56389.3	-139.31	55765.32	55852.77344	55797.47995	55838.46484	504527.9	5410073.3
L4530.0	504527.9	5410073.3	1164.00000	247.77	68	48.843615	-86.938287	55901.75	56389.3	-139.29	55762.46	55850.65625	55795.50265	55836.64063	504527.9	5410073.3
L4530.0	504527.9	5410074.1	1164.09998	248.72	66.42	48.843622	-86.938287	55898.06	56389.3	-139.28	55758.78	55847.71875	55793.59946	55834.89063	504527.9	5410074.1
L4530.0	504527.9	5410074.9	1164.19995	248.81	66.42	48.843629	-86.938288	55895.42	56389.3	-139.27	55756.16	55845.84766	55791.64553	55833.09766	504527.9	5410074.9
L4530.0	504527.9	5410075.7	1164.30005	248.81	54.94	48.843637	-86.938288	55891.83	56389.3	-139.25	55752.57	55843.00781	55789.77663	55831.38672	504527.9	5410075.7
L4530.0	504527.9	5410075.7	1164.40002	248.74	52.76	48.843637	-86.938288	55888.77	56389.2	-139.24	55749.52	55840.70703	55787.89252	55829.66797	504527.9	5410075.7
L4530.0	504527.9	5410076.6	1164.50000	248.93	52.76	48.843645	-86.938288	55886.06	56389.2	-139.23	55746.83	55838.77344	55786.00562	55827.94531	504527.9	5410076.6
L4530.0	504527.9	5410076.6	1164.59998	248.92	53.27	48.843645	-86.938288	55883.03	56389.2	-139.22	55743.81	55836.50781	55784.16232	55826.27344	504527.9	5410076.6
L4530.0	504527.9	5410077.3	1164.69995	247.52	53.27	48.843652	-86.938288	55880.24	56389.2	-139.21	55741.04	55834.50000	55782.32435	55824.60547	504527.9	5410077.3
L4530.0	504527.9	5410078.2	1164.80005	247.88	59.76	48.843659	-86.938288	55876.45	56389.2	-139.19	55737.26	55831.48047	55780.57608	55823.03516	504527.9	5410078.2
L4530.0	504527.9	5410079.0	1164.90002	247.82	57.65	48.843667	-86.938288	55874.27	56389.2	-139.18	55735.09	55830.07031	55778.74320	55821.37891	504527.9	5410079.0
L4530.0	504527.8	5410079.6	1165.00000	247.46	57.65	48.843671	-86.938288	55871.02	56389.2	-139.17	55731.85	55827.59766	55777.00471	55819.82422	504527.8	5410079.6
L4530.0	504527.8	5410079.6	1165.09998	248.54	63.26	48.843671	-86.938288	55868.28	56389.2	-139.16	55729.12	55825.63672	55775.25560	55818.25781	504527.8	5410079.6
L4530.0	504527.8	5410080.2	1165.19995	247.89	66.58	48.843677	-86.938288	55866.21	56389.2	-139.15	55727.05	55824.33594	55773.48617	55816.67578	504527.8	5410080.2
L4530.0	504527.8	5410080.7	1165.30005	247.63	66.58	48.843682	-86.938289	55863.14	56389.1	-139.15	55724.00	55822.05469	55771.80606	55815.18750	504527.8	5410080.7
L4530.0	504527.8	5410081.6	1165.40002	246.41	66.58	48.843690	-86.938289	55860.67	56389.1	-139.14	55721.53	55820.35938	55770.11154	55813.68359	504527.8	5410081.6
L4530.0	504527.8	5410082.2	1165.50000	245.98	64.37	48.843695	-86.938289	55857.98	56389.1	-139.13	55718.85	55818.45703	55768.45552	55812.22266	504527.8	5410082.2
L4530.0	504527.8	5410082.2	1165.59998	244.25	65.9	48.843695	-86.938289	55855.40	56389.1	-139.12	55716.28	55816.66406	55766.81692	55810.78516	504527.8	5410082.2
L4530.0	504527.8	5410082.8	1165.69995	243.87	65.9	48.843701	-86.938289	55853.23	56389.1	-139.11	55714.12	55815.28125	55765.17596	55809.34375	504527.8	5410082.8
L4530.0	504527.8	5410083.4	1165.80005	242.20	67.49	48.843706	-86.938289	55851.13	56389.1	-139.11	55712.03	55813.97266	55763.55550	55807.92969	504527.8	5410083.4

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4530.0	504527.8	5410084.1	1165.90002	243.19	68.26	48.843712	-86.938289	55848.86	56389.1	-139.10	55709.76	55812.48438	55761.97241	55806.55469	504527.8	5410084.1
L4530.0	504527.8	5410084.1	1166.00000	244.76	68.26	48.843712	-86.938289	55846.15	56389.1	-139.09	55707.06	55810.57031	55760.44352	55805.23438	504527.8	5410084.1
L4530.0	504527.8	5410084.6	1166.09998	246.96	61.8	48.843717	-86.938288	55844.68	56389.1	-139.08	55705.60	55809.89453	55758.85764	55803.85938	504527.8	5410084.6
L4530.0	504527.8	5410085.2	1166.19995	245.84	60.77	48.843722	-86.938288	55842.20	56389.1	-139.07	55703.13	55808.21094	55757.36491	55802.58203	504527.8	5410085.2
L4530.0	504527.8	5410085.6	1166.30005	245.28	60.77	48.843726	-86.938288	55839.75	56389.1	-139.06	55700.69	55806.56250	55755.89611	55801.33203	504527.8	5410085.6
L4530.0	504527.8	5410086.1	1166.40002	244.80	60.77	48.843730	-86.938288	55838.20	56389	-139.05	55699.15	55805.81250	55754.39334	55800.05078	504527.8	5410086.1
L4530.0	504527.8	5410086.1	1166.50000	242.99	58.58	48.843730	-86.938288	55836.08	56389	-139.04	55697.04	55804.49219	55752.95467	55798.83203	504527.8	5410086.1
L4530.0	504527.9	5410086.6	1166.59998	245.05	54.85	48.843735	-86.938288	55834.48	56389	-139.03	55695.45	55803.69531	55751.50750	55797.60938	504527.9	5410086.6
L4530.0	504527.9	5410087.2	1166.69995	246.46	55.99	48.843740	-86.938288	55832.82	56389	-139.02	55693.80	55802.83984	55750.09052	55796.42188	504527.9	5410087.2
L4530.0	504527.9	5410087.7	1166.80005	247.01	55.99	48.843745	-86.938288	55831.00	56389	-139.01	55691.99	55801.82422	55748.71043	55795.26953	504527.9	5410087.7
L4530.0	504527.9	5410087.7	1166.90002	245.95	57.3	48.843745	-86.938288	55829.22	56389	-139.00	55690.22	55800.85156	55747.35389	55794.14453	504527.9	5410087.7
L4530.0	504527.9	5410088.3	1167.00000	243.54	57.3	48.843750	-86.938288	55827.54	56389	-138.99	55688.55	55799.97656	55746.01687	55793.03906	504527.9	5410088.3
L4530.0	504527.9	5410088.7	1167.09998	243.22	63.97	48.843754	-86.938288	55826.02	56389	-138.98	55687.04	55799.26563	55744.69535	55791.95313	504527.9	5410088.7
L4530.0	504527.9	5410088.7	1167.19995	243.56	61.74	48.843754	-86.938288	55824.57	56389	-138.97	55685.61	55798.63672	55743.39460	55790.89063	504527.9	5410088.7
L4530.0	504527.9	5410089.1	1167.30005	244.55	61.74	48.843757	-86.938288	55823.18	56389	-138.96	55684.22	55798.04297	55742.11719	55789.85156	504527.9	5410089.1
L4530.0	504527.9	5410089.4	1167.40002	247.00	56.39	48.843760	-86.938287	55821.99	56388.9	-138.95	55683.05	55797.67578	55740.85104	55788.82422	504527.9	5410089.4
L4530.0	504527.9	5410089.8	1167.50000	248.08	56.39	48.843763	-86.938287	55820.50	56388.9	-138.93	55681.56	55796.98828	55739.63202	55787.84766	504527.9	5410089.8
L4530.0	504528.0	5410090.1	1167.59998	249.04	56.04	48.843767	-86.938287	55819.56	56388.9	-138.92	55680.64	55796.87109	55738.40065	55786.85938	504528.0	5410090.1
L4530.0	504528.0	5410090.5	1167.69995	247.87	56.84	48.843770	-86.938286	55818.42	56388.9	-138.91	55679.50	55796.53125	55737.20944	55785.91016	504528.0	5410090.5
L4530.0	504528.0	5410090.7	1167.80005	246.63	56.84	48.843772	-86.938286	55817.04	56388.9	-138.90	55678.13	55795.96484	55736.05888	55785.00391	504528.0	5410090.7
L4530.0	504528.0	5410090.7	1167.90002	248.37	50.89	48.843772	-86.938286	55815.42	56388.9	-138.89	55676.53	55795.16797	55734.94877	55784.14063	504528.0	5410090.7
L4530.0	504528.0	5410091.1	1168.00000	247.82	52.49	48.843775	-86.938286	55814.61	56388.9	-138.88	55675.73	55795.17188	55733.81021	55783.25000	504528.0	5410091.1
L4530.0	504528.0	5410091.4	1168.09998	249.13	52.49	48.843778	-86.938286	55814.18	56388.9	-138.86	55675.31	55795.55859	55732.67097	55782.35938	504528.0	5410091.4
L4530.0	504528.1	5410091.6	1168.19995	248.36	51.97	48.843780	-86.938285	55813.32	56388.8	-138.84	55674.48	55795.53125	55731.58345	55781.51953	504528.1	5410091.6
L4530.0	504528.1	5410091.6	1168.30005	248.59	53.48	48.843780	-86.938285	55812.22	56388.8	-138.83	55673.40	55795.25781	55730.53670	55780.71875	504528.1	5410091.6
L4530.0	504528.1	5410092.1	1168.40002	247.22	54.36	48.843784	-86.938285	55811.02	56388.8	-138.81	55672.21	55794.87500	55729.52109	55779.95313	504528.1	5410092.1
L4530.0	504528.1	5410092.1	1168.50000	248.97	55.01	48.843784	-86.938285	55810.27	56388.8	-138.79	55671.48	55794.94922	55728.49830	55779.17969	504528.1	5410092.1
L4530.0	504528.1	5410092.3	1168.59998	246.47	55.01	48.843786	-86.938284	55810.11	56388.8	-138.77	55671.34	55795.61328	55727.45933	55778.39063	504528.1	5410092.3
L4530.1	504528.6	5407851.5	7053.50000	251.22	0	48.823628	-86.938303	56153.07	56256.6	-6.56	56146.51	56150.74609	56140.81470	56180.13281	504528.6	5407851.5
L4530.1	504528.5	5407852.0	7053.60010	251.47	0	48.823632	-86.938304	56153.45	56256.6	-6.55	56146.90	56151.20313	56140.85216	56179.75000	504528.5	5407852.0
L4530.1	504528.5	5407852.4	7053.70020	253.54	0	48.823637	-86.938304	56153.54	56256.5	-6.55	56146.99	56151.35938	56140.90756	56179.37891	504528.5	5407852.4
L4530.1	504528.5	5407852.4	7053.79981	253.55	0	48.823637	-86.938304	56153.88	56256.5	-6.55	56147.34	56151.77734	56140.94353	56178.99219	504528.5	5407852.4
L4530.1	504528.5	5407852.8	7053.89990	255.24	0	48.823640	-86.938304	56153.93	56256.5	-6.54	56147.39	56151.89453	56140.99738	56178.62500	504528.5	5407852.8
L4530.1	504528.5	5407853.3	7054.00000	255.22	0	48.823645	-86.938305	56154.34	56256.5	-6.54	56147.80	56152.37109	56141.02508	56178.23047	504528.5	5407853.3
L4530.1	504528.5	5407853.9	7054.10010	256.67	0	48.823649	-86.938305	56154.39	56256.5	-6.54	56147.85	56152.48828	56141.07460	56177.85938	504528.5	5407853.9
L4530.1	504528.5	5407854.4	7054.20020	258.97	0	48.823654	-86.938305	56154.52	56256.5	-6.54	56147.98	56152.68359	56141.11660	56177.48047	504528.5	5407854.4
L4530.1	504528.5	5407854.4	7054.29981	259.81	0	48.823654	-86.938305	56154.46	56256.5	-6.54	56147.93	56152.69922	56141.17981	56177.12109	504528.5	5407854.4
L4530.1	504528.4	5407855.2	7054.39990	263.56	0	48.823661	-86.938305	56154.57	56256.5	-6.54	56148.03	56152.86719	56141.29376	56176.81641	504528.4	5407855.2
L4530.1	504528.4	5407856.0	7054.50000	262.93	0	48.823669	-86.938305	56154.72	56256.5	-6.54	56148.18	56153.08594	56141.38726	56176.49219	504528.4	5407856.0
L4530.1	504528.4	5407856.5	7054.60010	262.76	0	48.823673	-86.938305	56154.70	56256.5	-6.53	56148.16	56153.13281	56141.46945	56176.15625	504528.4	5407856.5
L4530.1	504528.4	5407856.5	7054.70020	264.80	0	48.823673	-86.938305	56154.76	56256.5	-6.53	56148.22	56153.25781	56141.52953	56175.80078	504528.4	5407856.5
L4530.1	504528.4	5407857.6	7054.70020	264.80	0	48.823683	-86.938306	56154.97	56256.5	-6.53	56148.44	56153.54297	56141.56679	56175.42578	504528.4	5407857.6
L4530.1	504528.4	5407857.6	7054.89990	261.79	0	48.823683	-86.938306	56154.88	56256.5	-6.53	56148.34	56153.51172	56141.59842	56175.04297	504528.4	5407857.6
L4530.1	504528.3	5407858.2	7055.00000	259.82	0	48.823688	-86.938306	56154.92	56256.5	-6.53	56148.39	56153.62891	56141.61047	56174.64063	504528.3	5407858.2
L4530.1	504528.3	5407859.1	7055.10010	260.11	0	48.823696	-86.938307	56155.10	56256.5	-6.53	56148.57	56153.87500	56141.60381	56174.22656	504528.3	5407859.1
L4530.1	504528.3	5407859.1	7055.20020	260.73	0	48.823696	-86.938307	56154.54	56256.5	-6.53	56148.00	56153.37109	56141.61880	56173.83203	504528.3	5407859.1
L4530.1	504528.2	5407859.9	7055.29981	261.31	0	48.823703	-86.938308	56154.45	56256.5	-6.53	56147.92	56153.35938	56141.60654	56173.41406	504528.2	5407859.9
L4530.1	504528.2	5407859.9	7055.39990	259.40	0	48.823703	-86.938308	56154.16	56256.5	-6.53	56147.63	56153.13672	56141.60269	56173.00391	504528.2	5407859.9
L4530.1	504528.2	5407860.8	7055.50000	257.11	0	48.823712	-86.938309	56154.21	56256.5	-6.54	56147.68	56153.25391	56141.59028	56172.58984	504528.2	5407860.8
L4530.1	504528.1	5407861.7	7055.60010	254.78	0	48.823720	-86.938309	56153.96	56256.5	-6.54	56147.42	56153.05859	56141.62671	56172.22656	504528.1	5407861.7
L4530.1	504528.1	5407861.7	7055.70020	255.88	0	48.823720	-86.938309	56153.32	56256.5	-6.54	56146.79	56152.49609	56141.68559	56171.88672	504528.1	5407861.7
L4530.1	504528.0	5407862.6	7055.79981	254.24	0	48.823728	-86.938310	56153.42	56256.5	-6.54	56146.88	56152.65234	56141.69426	56171.49609	504528.0	5407862.6
L4530.1	504528.0	5407863.5	7055.89990	252.77	0	48.823736	-86.938311	56153.34	56256.5	-6.54	56146.80	56152.64063	56141.71209	56171.12109	504528.0	5407863.5
L4530.1	504528.0	5407863.5	7056.00000	252.53	0	48.823736	-86.938311	56153.58	56256.5	-6.54	56147.04	56152.94922	56141.70643	56170.72656	504528.0	5407863.5
L4530.1	504528.0	5407864.4	7056.10010	252.33	0	48.823744	-86.938311	56153.12	56256.5	-6.54	56146.58	56152.55469	56141.74529	56170.37500	504528.0	5407864.4
L4530.1	504528.0	5407865.2	7056.20020	252.92	0	48.823751	-86.938311	56153.64	56256.5	-6.54	56147.10	56153.14063	56141.71669	56169.96094	504528.0	5407865.2
L4530.1	504528.0	5407865.2	7056.29981	252.38	0	48.823751	-86.938311	56153.53	56256.5	-6.54	56146.98	56153.08984	56141.72867	56169.58594	504528.0	5407865.2
L4530.1	504528.0	5407865.7	7056.39990	253.61	0	48.823756	-86.938311	56153.22	56256.5	-6.54	56146.68	56152.85547	56141.75058	56169.23047	504528.0	5407865.7
L4530.1	504528.0	5407866.6	7056.50000	254.75	0	48.823764	-86.938311	56152.98	56256.5	-6.54	56146.43	56152.67188	56141.76711	56168.86719	504528.0	5407866.6
L4530.1	504528.0	5407866.6	7056.60010	256.84	0	48.823764	-86.938311	56153.30	56256.5	-6.55	56146.75	56153.05859	56141.74512	56168.46875	504528.0	5407866.6
L4530.1	504528.1	5407867.4	7056.70020	256.22	0	48.823771	-86.938310	56153.00	56256.5	-6.55	56146.46	56152.83594	56141.81300	56168.16406	504528.1	5407867.4
L4530.1	504528.1	5407868.3	7056.70020	256.22	0	48.823779	-86.938310	56153.22	56256.5	-6.55	56146.68	56153.12109	56141.85621	56167.83984	504528.1	5407868.3
L4530.1	504528.2	5407869.2	7056.89990	259.39	0	48.823787	-86.938309	56153.11	56256.5	-6.55	56146.56	56153.06641	56141.91679	56167.53516	504528.2	5407869.2
L4530.1	504528.2	5407869.2	7057.00000	261.03	0	48.823787	-86.938309	56153.20	56256.6	-6.55	56146.65	56153.22266	56141.97159	56167.22656	504528.2	5407869.2
L4530.1	504528.2	5407870.3	7057.10010	260.71	0	48.823797	-86.938308	56152.89	56256.6	-6.55	56146.34	56152.98047	56142.02705	56166.92188	504528.2	5407870.3
L4530.1	504528.2	5407870.3	7057.20020	260.58	0	48.823797	-86.938308	56152.98	56256.6	-6.55	56146.43	56153.13672	56142.07748	56166.61719	504528.2	5407870.3
L4530.1	504528.4	5407872.1	7057.29981	260.80	0	48.823813	-86.938306	56152.84	56256.6	-6.55	56146.29	56153.06250	56142.11959	56166.30469	504528.4	5407872.1
L4530.1	504528.4	5407872.1	7057.39990	264.27	0	48.823813	-86.938306	56152.80	56256.6	-6.55	56146.25	56153.08594	56142.15704	56165.99219	504528.4	5407872.1
L4530.1	504528.4	5407872.1	7057.50000	267.88	0	48.823813	-86.938306	56152.44	56256.6	-6.55	56145.89	56152.79297	56142.16987	56165.65625	504528.4	5407872.1
L4530.1	504528.5	5407874.3	7057.60010	268.20	0	48.823833	-86.938304	56152.16	56256.6	-6.55	56145.61	56152.57813	56142.17355	56165.32031	504528.5	5407874.3
L4530.1	504528.5	5407874.3	7057.70020	266.80	0	48.823833	-86.938304	56152.42	56256.6	-6.55	56145.87	56152.90234	56142.20474	56165.01172	504528.5	5407874.3
L4530.1	504528.6	5407875.2	7057.79981	266.20	0	48.823841	-86.938303	56151.86	56256.6	-6.55	56145.31	56152.41016	56142.16707	56164.63672	504528.6	5407875.2
L4530.1	504528.6	5407876.2	7057.89990	265.77	0	48.823850	-86.938302	56151.96	56256.6	-6.55	56145.41	56152.57422	56142.17233	56164.30859	504528.6	5407876.2
L4530.1	504528.6	5407876.2	7058.00000	264.82	0	48.823850	-86.938302	56151.56	56256.6	-6.55	56145.01	56152.23828	56142.12691	56163.93359	504528.6	5407876.2
L4530.1	504528.7	5407877.4	7058.10010	264.12	0	48.823861	-86.938302	56151.36	56256.6	-6.55	56144.80	56152.09375	56142.09046	56163.57422	504528.7	5407877.4
L4530.1	504528.7	5407878.7	7058.20020	262.92	0	48.823873	-86.938301	56151.38	56256.6	-6.55	56144.82	56152.17578	56142.06929	56163.23047	504528.7	5407878.7
L4530.1	504528.7	5407878.7	7058.29981	262.29	0	48.823873	-86.938301	56150.97	56256.6	-6.56	56144.42	56151.83984	56142.00402	56162.84766	504528.7	5407878.7
L4530.1	504528.7	5407879.7	7058.39990	260.63	0	48.823882	-86.938301	56151.13	56256.6	-6.56	56144.57	56152.05469	56141.98551	56162.51172	504528.7	5407879.7
L4530.1	504528.7	5407879.7	7058.50000	261.96	0	48.823882	-86.938301	56150.92	56256.6	-6.56	56144.36	56151.90625	56141.93014	56162.14844	504528.7	5407879.7
L4530.1	504528.8	5407880.8	7058.60010	263.65	0	48.823892	-86.938300	56151.13	56256.6	-6.56	56144.56	56152.17188	56141.90777	56161.81641	504528.8	5407880.8
L4530.1	504528.8	5407881.9	7058.70020	261.75	0	48.823901	-86.938299	56150.83	56256.6	-6.56	56144.27	56151.94141	56141.84010	56161.44531	504528.8	5407881.9
L4530.1	504528.9	5407883.0	7058.70020	261.75	0	48.823912	-86.938299	56150.87	56256.6	-6.56	56144.31	56152.04688	56141.79795	56161.10547	504528.9	5407883.0
L4530.1	504528.9	5407884.1	7058.89990	264.87	0	48.823921	-86.938298	56150.41	56256.6	-6.57	56143.85	56151.64844	56141.71595	56160.72656	504528.9	5407884.1
L4530.1	504528.9	5407884.1	7059.00000	263.02	0	48.823921	-86.938298	56150.53	56256.6	-6.57	56143.96	56151.82031	56141.67615	56160.39453	504528.9	5407884.1
L4530.1	504528.9	5407885.0	7059.10010	261.37	0	48.823929	-86.938298	56150.49	56256.6	-6.57	56143.92	56151.83984	56141.62406	56160.05469	504528.9	5407885.0
L4530.1	504528.9	5407885.0	7059.20020	262.85	0	48.823929	-86.938298	56150.32	56256.6	-6.57	56143.75	56151.73047	56141.56353	56159.70703	504528.9	5407885.0
L4530.1	504529.0	5407886.4	7059.29981	261.09	0	48.823943	-86.938297	56149.87	56256.6	-6.56	56143.30	56151.33984	56141.48747	56159.35156	504529.0	5407886.4
L4530.1	504529.0	5407887.5	7059.39990	261.32	0	48.823952	-86.938297	56149.69	56256.6	-6.56	56143.13	56151.23047	56141.42922	56159.01563	504529.0	5407887.5
L4530.1	504529.0	5407888.5	7059.50000	260.31	0	48.823961	-86.938297	56149.86	56256.6	-6.56	56143.30	56151.45703	56141.38894	56158.70313	504529.0	5407888.5
L4530.1	504529.0	5407888.5	7059.60010	261.99	0	48.823961	-86.938297	56149.48	56256.6	-6.56	56142.93	56151.14844	56141.32046	56158.36328	504529.0	5407888.5
L4530.1	504529.0	5407889.8	7059.70020	263.40	0	48.823973	-86.938296	56149.78	56256.6	-6.56	56143.22	56151.49609	56141.28412	56158.05859	504529.0	5407889.8
L4530.1	504529.0	5407889.8	7059.79981	257.07	0	48.823973	-86.938296	56149.59	56256.6	-6.55	56143.03	56151.36328	56141.22415	56157.73828	504529.0	5407889.8
L4530.1	504529.1	5407891.1	7059.89990	258.08	0	48.823984	-86.938296	56149.28	56256.6	-6.55	56142.73	56151.11719	56141.15922	56157.41406	504529.1	5407891.1

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4530.1	504529.1	5407892.2	7060.00000	265.38	0	48.823995	-86.938296	56149.08	56256.6	-6.55	56142.53	56150.97656	56141.09854	56157.09766	504529.1	5407892.2
L4530.1	504529.1	5407893.7	7060.10010	262.69	0	48.824008	-86.938295	56149.12	56256.6	-6.55	56142.57	56151.07031	56141.04758	56156.79297	504529.1	5407893.7
L4530.1	504529.1	5407894.7	7060.20020	261.68	0	48.824017	-86.938295	56148.90	56256.6	-6.55	56142.35	56150.90625	56140.98489	56156.48438	504529.1	5407894.7
L4530.1	504529.1	5407894.7	7060.29981	262.10	0	48.824017	-86.938295	56149.03	56256.6	-6.56	56142.47	56151.07813	56140.93565	56156.18750	504529.1	5407894.7
L4530.1	504529.2	5407895.8	7060.39990	262.02	0	48.824027	-86.938295	56148.80	56256.6	-6.56	56142.24	56150.90234	56140.87101	56155.88281	504529.2	5407895.8
L4530.1	504529.2	5407895.8	7060.50000	260.97	0	48.824027	-86.938295	56148.47	56256.6	-6.56	56141.91	56150.62500	56140.80137	56155.57422	504529.2	5407895.8
L4530.1	504529.2	5407897.0	7060.60010	260.00	0	48.824037	-86.938294	56148.65	56256.6	-6.56	56142.09	56150.85547	56140.75185	56155.28906	504529.2	5407897.0
L4530.1	504529.2	5407898.2	7060.70020	259.16	0	48.824048	-86.938294	56148.27	56256.6	-6.56	56141.70	56150.51563	56140.67752	56154.98438	504529.2	5407898.2
L4530.1	504529.2	5407899.0	7060.70020	259.16	0	48.824055	-86.938294	56148.29	56256.6	-6.56	56141.73	56150.59766	56140.61943	56154.69531	504529.2	5407899.0
L4530.1	504529.2	5407899.0	7060.89990	257.72	0	48.824055	-86.938294	56148.28	56256.6	-6.57	56141.71	56150.62500	56140.55788	56154.41016	504529.2	5407899.0
L4530.1	504529.2	5407900.5	7061.00000	259.07	0	48.824069	-86.938294	56148.24	56256.6	-6.57	56141.67	56150.63281	56140.49397	56154.12500	504529.2	5407900.5
L4530.1	504529.2	5407901.7	7061.10010	262.61	0	48.824079	-86.938294	56147.91	56256.6	-6.57	56141.34	56150.35156	56140.41668	56153.82813	504529.2	5407901.7
L4530.1	504529.2	5407903.0	7061.20020	260.69	0	48.824091	-86.938293	56147.96	56256.6	-6.57	56141.39	56150.44922	56140.35336	56153.55078	504529.2	5407903.0
L4530.1	504529.2	5407903.0	7061.29981	260.98	0	48.824091	-86.938293	56147.76	56256.6	-6.57	56141.18	56150.28125	56140.27855	56153.26172	504529.2	5407903.0
L4530.1	504529.3	5407904.1	7061.39990	262.48	0	48.824101	-86.938293	56147.79	56256.6	-6.57	56141.22	56150.36719	56140.21196	56152.98438	504529.3	5407904.1
L4530.1	504529.3	5407904.1	7061.50000	264.60	0	48.824101	-86.938293	56147.50	56256.6	-6.57	56140.93	56150.12109	56140.13231	56152.69922	504529.3	5407904.1
L4530.1	504529.3	5407905.9	7061.60010	264.93	0	48.824118	-86.938293	56147.46	56256.6	-6.58	56140.89	56150.12109	56140.06056	56152.42578	504529.3	5407905.9
L4530.1	504529.3	5407906.9	7061.70020	264.18	0	48.824127	-86.938293	56147.56	56256.6	-6.58	56140.98	56150.25391	56139.99191	56152.15234	504529.3	5407906.9
L4530.1	504529.3	5407908.1	7061.79981	263.55	0	48.824137	-86.938293	56147.38	56256.6	-6.58	56140.80	56150.11328	56139.91331	56151.87891	504529.3	5407908.1
L4530.1	504529.3	5407908.1	7061.89990	262.94	0	48.824137	-86.938293	56147.32	56256.6	-6.58	56140.74	56150.09375	56139.83749	56151.60547	504529.3	5407908.1
L4530.1	504529.3	5407909.4	7062.00000	258.95	0	48.824149	-86.938293	56147.02	56256.6	-6.58	56140.44	56149.83203	56139.75314	56151.32813	504529.3	5407909.4
L4530.1	504529.3	5407909.4	7062.10010	256.02	0	48.824149	-86.938293	56147.04	56256.6	-6.58	56140.46	56149.88672	56139.67740	56151.06250	504529.3	5407909.4
L4530.1	504529.3	5407911.1	7062.20020	256.62	0	48.824165	-86.938293	56147.28	56256.6	-6.58	56140.70	56150.16016	56139.60670	56150.80469	504529.3	5407911.1
L4530.1	504529.2	5407912.3	7062.29981	256.89	0	48.824175	-86.938293	56147.08	56256.6	-6.57	56140.51	56150.00781	56139.52193	56150.53125	504529.2	5407912.3
L4530.1	504529.2	5407913.5	7062.39990	257.50	0	48.824186	-86.938294	56146.63	56256.6	-6.57	56140.06	56149.58984	56139.42854	56150.25781	504529.2	5407913.5
L4530.1	504529.2	5407913.5	7062.50000	258.83	0	48.824186	-86.938294	56146.87	56256.6	-6.57	56140.30	56149.85938	56139.35344	56150.00000	504529.2	5407913.5
L4530.1	504529.2	5407915.0	7062.60010	260.42	0	48.824199	-86.938294	56146.86	56256.6	-6.57	56140.29	56149.87891	56139.26974	56149.73828	504529.2	5407915.0
L4530.1	504529.2	5407916.0	7062.70020	259.33	0	48.824208	-86.938294	56146.42	56256.6	-6.57	56139.86	56149.48047	56139.17310	56149.46484	504529.2	5407916.0
L4530.1	504529.2	5407917.4	7062.70020	259.33	0	48.824221	-86.938294	56146.41	56256.6	-6.57	56139.85	56149.49609	56139.08654	56149.20313	504529.2	5407917.4
L4530.1	504529.2	5407917.4	7062.89990	261.14	0	48.824221	-86.938294	56146.47	56256.6	-6.56	56139.91	56149.58203	56139.00029	56148.94531	504529.2	5407917.4
L4530.1	504529.1	5407919.1	7063.00000	264.17	0	48.824236	-86.938295	56146.35	56256.6	-6.56	56139.79	56149.48438	56138.90775	56148.67969	504529.1	5407919.1
L4530.1	504529.1	5407920.6	7063.10010	263.19	0	48.824250	-86.938295	56145.96	56256.6	-6.56	56139.40	56149.11719	56138.80677	56148.41016	504529.1	5407920.6
L4530.1	504529.1	5407920.6	7063.20020	262.53	0	48.824250	-86.938295	56146.07	56256.6	-6.56	56139.50	56149.24219	56138.71687	56148.15625	504529.1	5407920.6
L4530.1	504529.1	5407921.7	7063.29981	264.06	0	48.824259	-86.938295	56146.20	56256.6	-6.56	56139.64	56149.39844	56138.62623	56147.89844	504529.1	5407921.7
L4530.1	504529.1	5407921.7	7063.39990	263.79	0	48.824259	-86.938295	56145.66	56256.6	-6.56	56139.10	56148.87891	56138.51691	56147.62500	504529.1	5407921.7
L4530.1	504529.1	5407923.5	7063.50000	261.99	0	48.824276	-86.938296	56145.84	56256.6	-6.56	56139.28	56149.07422	56138.42374	56147.37109	504529.1	5407923.5
L4530.1	504529.1	5407923.5	7063.60010	260.70	0	48.824276	-86.938296	56145.87	56256.6	-6.57	56139.30	56149.10938	56138.32462	56147.10938	504529.1	5407923.5
L4530.1	504529.0	5407925.3	7063.70020	259.30	0	48.824292	-86.938296	56145.64	56256.6	-6.57	56139.07	56148.89453	56138.21762	56146.84375	504529.0	5407925.3
L4530.1	504529.0	5407926.9	7063.79981	254.11	0	48.824306	-86.938296	56145.41	56256.6	-6.57	56138.84	56148.67578	56138.10880	56146.57813	504529.0	5407926.9
L4530.1	504529.0	5407926.9	7063.89990	252.06	0	48.824306	-86.938296	56145.56	56256.6	-6.57	56138.99	56148.83594	56138.00576	56146.31641	504529.0	5407926.9
L4530.1	504529.0	5407928.0	7064.00000	258.93	0	48.824317	-86.938296	56145.03	56256.6	-6.57	56138.46	56148.31250	56137.88729	56146.04297	504529.0	5407928.0
L4530.1	504529.0	5407929.5	7064.10010	257.71	0	48.824330	-86.938297	56145.06	56256.6	-6.57	56138.49	56148.35156	56137.77701	56145.77734	504529.0	5407929.5
L4530.1	504529.0	5407929.5	7064.20020	259.08	0	48.824330	-86.938297	56145.16	56256.6	-6.57	56138.60	56148.46484	56137.66443	56145.51172	504529.0	5407929.5
L4530.1	504529.0	5407931.0	7064.29981	259.78	0	48.824343	-86.938297	56144.82	56256.6	-6.57	56138.26	56148.12891	56137.54449	56145.24219	504529.0	5407931.0
L4530.1	504529.0	5407931.0	7064.39990	260.49	0	48.824343	-86.938297	56144.68	56256.6	-6.57	56138.11	56147.98047	56137.42476	56144.96875	504529.0	5407931.0
L4530.1	504529.0	5407932.9	7064.50000	260.52	0	48.824360	-86.938297	56144.68	56256.6	-6.57	56138.12	56147.98828	56137.30297	56144.69922	504529.0	5407932.9
L4530.1	504529.0	5407934.0	7064.60010	259.27	0	48.824371	-86.938297	56144.72	56256.6	-6.56	56138.16	56148.02734	56137.17773	56144.42188	504529.0	5407934.0
L4530.1	504528.9	5407935.4	7064.70020	259.39	0	48.824383	-86.938297	56144.33	56256.6	-6.56	56137.76	56147.62109	56137.05328	56144.14844	504528.9	5407935.4
L4530.1	504528.9	5407935.4	7064.70020	259.39	0	48.824383	-86.938297	56144.34	56256.6	-6.56	56137.78	56147.63672	56136.92318	56143.87109	504528.9	5407935.4
L4530.1	504528.9	5407937.2	7064.89990	256.33	0	48.824399	-86.938297	56144.34	56256.6	-6.56	56137.78	56147.62891	56136.79002	56143.58984	504528.9	5407937.2
L4530.1	504528.9	5407937.2	7065.00000	262.14	0	48.824399	-86.938297	56143.92	56256.6	-6.56	56137.36	56147.19922	56136.66301	56143.31250	504528.9	5407937.2
L4530.1	504528.9	5407939.6	7065.10010	263.29	0	48.824420	-86.938298	56143.84	56256.6	-6.56	56137.28	56147.10547	56136.52706	56143.03125	504528.9	5407939.6
L4530.1	504528.9	5407939.6	7065.20020	262.90	0	48.824420	-86.938298	56143.98	56256.6	-6.56	56137.42	56147.23047	56136.38156	56142.73828	504528.9	5407939.6
L4530.1	504528.9	5407941.3	7065.29981	261.06	0	48.824436	-86.938298	56143.39	56256.6	-6.56	56136.82	56146.61719	56136.25721	56142.46875	504528.9	5407941.3
L4530.1	504528.9	5407941.3	7065.39990	258.37	0	48.824436	-86.938298	56143.64	56256.6	-6.56	56137.08	56146.85938	56136.10084	56142.16406	504528.9	5407941.3
L4530.1	504528.9	5407942.3	7065.50000	257.96	0	48.824445	-86.938298	56143.49	56256.6	-6.57	56136.92	56146.67578	56135.95677	56141.87500	504528.9	5407942.3
L4530.1	504528.9	5407943.4	7065.60010	260.26	0	48.824455	-86.938298	56142.91	56256.6	-6.57	56136.34	56146.07422	56135.82984	56141.60156	504528.9	5407943.4
L4530.1	504528.9	5407944.9	7065.70020	258.20	0	48.824469	-86.938298	56143.34	56256.6	-6.57	56136.77	56146.48047	56135.65311	56141.27734	504528.9	5407944.9
L4530.1	504528.9	5407944.9	7065.79981	258.12	0	48.824469	-86.938298	56142.75	56256.6	-6.57	56136.19	56145.87500	56135.52374	56141.00000	504528.9	5407944.9
L4530.1	504528.9	5407946.5	7065.89990	258.53	0	48.824482	-86.938298	56142.70	56256.6	-6.57	56136.13	56145.78516	56135.36521	56140.69531	504528.9	5407946.5
L4530.1	504528.9	5407947.6	7066.00000	258.33	0	48.824493	-86.938298	56142.66	56256.6	-6.57	56136.09	56145.71484	56135.20229	56140.38672	504528.9	5407947.6
L4530.1	504528.8	5407949.3	7066.10010	256.32	0	48.824508	-86.938298	56142.45	56256.6	-6.57	56135.87	56145.46484	56135.04737	56140.08594	504528.8	5407949.3
L4530.1	504528.8	5407949.3	7066.20020	257.15	0	48.824508	-86.938298	56142.12	56256.6	-6.57	56135.55	56145.10938	56134.89666	56139.78516	504528.8	5407949.3
L4530.1	504528.8	5407950.0	7066.29981	257.10	0	48.824515	-86.938299	56142.00	56256.6	-6.57	56135.43	56144.95313	56134.73088	56139.47266	504528.8	5407950.0
L4530.1	504528.8	5407951.7	7066.39990	256.55	0	48.824530	-86.938299	56142.02	56256.6	-6.57	56135.45	56144.93359	56134.55385	56139.14844	504528.8	5407951.7
L4530.1	504528.8	5407952.8	7066.50000	256.75	0	48.824539	-86.938299	56141.46	56256.6	-6.57	56134.88	56144.32031	56134.41316	56138.85938	504528.8	5407952.8
L4530.1	504528.8	5407952.8	7066.60010	257.12	0	48.824539	-86.938299	56141.42	56256.6	-6.58	56134.84	56144.23828	56134.23412	56138.53125	504528.8	5407952.8
L4530.1	504528.8	5407954.4	7066.70020	249.64	0	48.824554	-86.938299	56141.34	56256.6	-6.58	56134.76	56144.11328	56134.05469	56138.19922	504528.8	5407954.4
L4530.1	504528.8	5407955.7	7066.70020	249.64	0	48.824566	-86.938299	56141.16	56256.6	-6.58	56134.59	56143.89453	56133.87816	56137.87500	504528.8	5407955.7
L4530.1	504528.8	5407957.0	7066.89990	256.48	0	48.824577	-86.938299	56140.66	56256.6	-6.58	56134.08	56143.33203	56133.72116	56137.56641	504528.8	5407957.0
L4530.1	504528.8	5407957.0	7067.00000	256.48	0	48.824577	-86.938299	56140.48	56256.6	-6.58	56133.90	56143.10156	56133.53912	56137.23047	504528.8	5407957.0
L4530.1	504528.7	5407958.6	7067.10010	256.85	0	48.824592	-86.938300	56140.63	56256.6	-6.58	56134.05	56143.19531	56133.33368	56136.87109	504528.7	5407958.6
L4530.1	504528.7	5407958.6	7067.20020	257.90	0	48.824592	-86.938300	56140.13	56256.6	-6.58	56133.55	56142.64063	56133.16661	56136.55078	504528.7	5407958.6
L4530.1	504528.7	5407960.0	7067.29981	258.14	0	48.824605	-86.938300	56139.77	56256.6	-6.58	56133.19	56142.21875	56132.98637	56136.21484	504528.7	5407960.0
L4530.1	504528.7	5407961.4	7067.39990	258.13	0	48.824617	-86.938300	56139.56	56256.6	-6.58	56132.99	56141.96094	56132.79321	56135.86719	504528.7	5407961.4
L4530.1	504528.7	5407962.9	7067.50000	250.92	0	48.824631	-86.938300	56139.46	56256.6	-6.57	56132.89	56141.79688	56132.59198	56135.50781	504528.7	5407962.9
L4530.1	504528.7	5407962.9	7067.60010	251.15	0	48.824631	-86.938300	56139.46	56256.6	-6.57	56132.89	56141.73047	56132.38408	56135.14063	504528.7	5407962.9
L4530.1	504528.7	5407964.9	7067.70020	257.02	0	48.824648	-86.938300	56138.82	56256.6	-6.57	56132.24	56141.01172	56132.19978	56134.79688	504528.7	5407964.9
L4530.1	504528.7	5407964.9	7067.79981	259.49	0	48.824648	-86.938300	56138.40	56256.6	-6.57	56131.83	56140.53125	56131.99976	56134.43750	504528.7	5407964.9
L4530.1	504528.7	5407966.0	7067.89990	259.64	0	48.824658	-86.938300	56138.46	56256.6	-6.57	56131.89	56140.51953	56131.78095	56134.05859	504528.7	5407966.0
L4530.1	504528.7	5407967.4	7068.00000	260.06	0	48.824671	-86.938300	56138.07	56256.6	-6.57	56131.50	56140.05078	56131.57214	56133.68750	504528.7	5407967.4
L4530.1	504528.7	5407968.7	7068.10010	260.28	0	48.824682	-86.938301	56137.82	56256.6	-6.57	56131.25	56139.72656	56131.35561	56133.30469	504528.7	5407968.7
L4530.1	504528.7	5407969.8	7068.20020	260.79	0	48.824693	-86.938301	56137.37	56256.6	-6.57	56130.79	56139.18359	56131.13863	56132.92188	504528.7	5407969.8
L4530.1	504528.7	5407969.8	7068.29981	261.53	0	48.824693	-86.938301	56137.37	56256.6	-6.57	56130.79	56139.10156	56130.91110	56132.52734	504528.7	5407969.8
L4530.1	504528.6	5407971.2	7068.39990	263.99	0	48.824705	-86.938301	56136.96	56256.6	-6.57	56130.38	56138.60938	56130.68484	56132.13281	504528.6	5407971.2
L4530.1	504528.6	5407972.7	7068.50000	266.06	0	48.824718	-86.938301	56136.39	56256.6	-6.57	56129.81	56137.95313	56130.45398	56131.73438	504528.6	5407972.7
L4530.1	504528.6	5407972.7	7068.60010	266.44	0	48.824718	-86.938301	56136.25	56256.6	-6.58	56129.67	56137.72266	56130.21753	56131.32813	504528.6	5407972.7
L4530.1	504528.6	5407974.2	7068.70020	264.54	0	48.824732	-86.938301	56135.95	56256.6	-6.58	56129.37	56137.33203	56129.97746	56130.91406	504528.6	5407974.2
L4530.1	504528.6	5407975.8	7068.70020	264.54	0	48.824746	-86.938301	56135.52	56256.6	-6.58	56128.95	56136.81641	56129.73216	56130.49609	504528.6	5407975.8
L4530.1	504528.6	5407977.2	7068.89990	263.96	0	48.824759	-86.938302	56135.02	56256.6	-6.58	56128.44	56136.21094	56129.48053	56130.06641	504528.6	5407977.2
L4530.1	504528.6	5407977.2	7069.00000	257.09	0	48.824759	-86.938302	56135.06	56256.6	-6.58	56128.48	56136.15234	56129.23361	56129.64453	504528.6	5407977.2
L4530.1	504528.6	5407978.5	7069.10010	253.10	0	48.824771	-86.938302	56134.56	56256.6	-6.58	56127.98	56135.55078	56128.97310	56129.20313	504528.6	5407978.5
L4530.1	504528.6	5407980.4	7069.20020	252.72	0	48.824788	-86.938302	56133.95	56256.6	-6.58	56127.37	56134.83984	56128.70394	56128.75391	504528.6	5407980.4

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4530.1	504528.6	5407980.4	7069.29981	253.35	0	48.824788	-86.938302	56133.73	56256.6	-6.58	56127.15	56134.51172	56128.44066	56128.30859	504528.6	5407980.4
L4530.1	504528.5	5407981.8	7069.39990	254.24	0	48.824800	-86.938302	56133.52	56256.6	-6.58	56126.94	56134.19531	56128.17456	56127.85938	504528.5	5407981.8
L4530.1	504528.5	5407983.3	7069.50000	256.73	0	48.824814	-86.938302	56132.98	56256.6	-6.57	56126.41	56133.55469	56127.89231	56127.39453	504528.5	5407983.3
L4530.1	504528.5	5407983.3	7069.60010	260.81	0	48.824814	-86.938302	56132.48	56256.6	-6.57	56125.91	56132.94531	56127.60545	56126.91797	504528.5	5407983.3
L4530.1	504528.5	5407984.7	7069.70020	260.81	0	48.824826	-86.938302	56132.31	56256.6	-6.57	56125.74	56132.66016	56127.32929	56126.45703	504528.5	5407984.7
L4530.1	504528.5	5407986.6	7069.79981	262.56	0	48.824843	-86.938303	56131.73	56256.6	-6.57	56125.15	56131.95313	56127.02749	56125.96484	504528.5	5407986.6
L4530.1	504528.5	5407986.6	7069.79981	264.47	0	48.824843	-86.938303	56130.99	56256.6	-6.57	56124.42	56131.10156	56126.71079	56125.45703	504528.5	5407986.6
L4530.1	504528.5	5407987.9	7070.00000	262.88	0	48.824855	-86.938303	56130.84	56256.6	-6.57	56124.27	56130.83203	56126.42349	56124.97656	504528.5	5407987.9
L4530.1	504528.5	5407989.4	7070.10010	264.52	0	48.824869	-86.938303	56130.58	56256.6	-6.57	56124.01	56130.44922	56126.12632	56124.48438	504528.5	5407989.4
L4530.1	504528.5	5407989.4	7070.20020	264.74	0	48.824869	-86.938303	56129.88	56256.6	-6.57	56123.32	56129.63281	56125.79406	56123.95313	504528.5	5407989.4
L4530.1	504528.5	5407990.9	7070.20020	264.74	0	48.824882	-86.938303	56129.45	56256.6	-6.57	56122.89	56129.07422	56125.47528	56123.43750	504528.5	5407990.9
L4530.1	504528.4	5407992.6	7070.39990	259.80	0	48.824898	-86.938303	56129.04	56256.6	-6.56	56122.48	56128.53125	56125.15399	56122.91406	504528.4	5407992.6
L4530.1	504528.4	5407992.6	7070.50000	264.07	0	48.824898	-86.938303	56128.56	56256.6	-6.56	56122.00	56127.91797	56124.82288	56122.38281	504528.4	5407992.6
L4530.1	504528.4	5407994.2	7070.60010	263.93	0	48.824912	-86.938303	56127.96	56256.6	-6.56	56121.40	56127.18359	56124.47686	56121.83203	504528.4	5407994.2
L4530.1	504528.4	5407996.1	7070.70020	263.16	0	48.824929	-86.938303	56127.75	56256.6	-6.56	56121.19	56126.83594	56124.16414	56121.31641	504528.4	5407996.1
L4530.1	504528.4	5407997.5	7070.70020	263.16	0	48.824941	-86.938303	56127.13	56256.6	-6.56	56120.57	56126.07813	56123.81011	56120.75391	504528.4	5407997.5
L4530.1	504528.4	5407997.5	7070.89990	261.52	0	48.824941	-86.938303	56126.38	56256.6	-6.55	56119.83	56125.19531	56123.44159	56120.17969	504528.4	5407997.5
L4530.1	504528.4	5407999.4	7071.00000	261.36	0	48.824959	-86.938304	56125.98	56256.6	-6.55	56119.43	56124.65234	56123.10649	56119.63281	504528.4	5407999.4
L4530.1	504528.4	5407999.4	7071.10010	263.72	0	48.824959	-86.938304	56125.66	56256.6	-6.55	56119.11	56124.18750	56122.77981	56119.09375	504528.4	5407999.4
L4530.1	504528.4	5408000.8	7071.20020	263.28	0	48.824971	-86.938304	56124.77	56256.6	-6.55	56118.22	56123.14844	56122.39476	56118.49609	504528.4	5408000.8
L4530.1	504528.4	5408002.2	7071.29981	265.07	0	48.824983	-86.938304	56124.16	56256.6	-6.55	56117.61	56122.38672	56122.03993	56117.92969	504528.4	5408002.2
L4530.1	504528.4	5408002.2	7071.39990	264.56	0	48.824983	-86.938304	56123.89	56256.6	-6.55	56117.34	56121.96484	56121.72115	56117.39453	504528.4	5408002.2
L4530.1	504528.4	5408003.7	7071.50000	264.00	0	48.824997	-86.938305	56123.23	56256.6	-6.55	56116.68	56121.14844	56121.36600	56116.82031	504528.4	5408003.7
L4530.1	504528.3	5408005.1	7071.60010	262.97	0	48.825010	-86.938305	56122.52	56256.6	-6.55	56115.97	56120.28125	56121.01097	56116.24609	504528.3	5408005.1
L4530.1	504528.3	5408007.0	7071.70020	264.70	0	48.825027	-86.938305	56121.96	56256.6	-6.55	56115.41	56119.56250	56120.67567	56115.69141	504528.3	5408007.0
L4530.1	504528.3	5408007.0	7071.79981	264.59	0	48.825027	-86.938305	56121.66	56256.6	-6.55	56115.11	56119.10156	56120.36758	56115.16016	504528.3	5408007.0
L4530.1	504528.2	5408008.6	7071.89990	264.05	0	48.825041	-86.938306	56120.75	56256.6	-6.55	56114.20	56118.02734	56120.01855	56114.58984	504528.2	5408008.6
L4530.1	504528.2	5408008.6	7072.00000	263.86	0	48.825041	-86.938306	56120.02	56256.6	-6.55	56113.47	56117.13281	56119.69552	56114.03906	504528.2	5408008.6
L4530.1	504528.2	5408010.6	7072.10010	262.93	0	48.825059	-86.938306	56119.59	56256.6	-6.55	56113.04	56116.53516	56119.40188	56113.51953	504528.2	5408010.6
L4530.1	504528.2	5408011.6	7072.20020	263.15	0	48.825069	-86.938307	56119.07	56256.6	-6.55	56112.52	56115.84766	56119.11323	56113.00391	504528.2	5408011.6
L4530.1	504528.2	5408011.6	7072.29981	263.15	0	48.825069	-86.938307	56118.24	56256.6	-6.55	56111.68	56114.83594	56118.82815	56112.49219	504528.2	5408011.6
L4530.1	504528.2	5408013.2	7072.39990	264.21	0	48.825083	-86.938307	56117.59	56256.6	-6.55	56111.03	56114.01172	56118.56867	56112.00000	504528.2	5408013.2
L4530.1	504528.1	5408014.9	7072.50000	262.87	0	48.825098	-86.938307	56116.75	56256.6	-6.56	56110.20	56113.00781	56118.32741	56111.53125	504528.1	5408014.9
L4530.1	504528.1	5408014.9	7072.60010	261.17	0	48.825098	-86.938307	56116.33	56256.6	-6.56	56109.77	56112.40234	56118.09708	56111.06641	504528.1	5408014.9
L4530.1	504528.1	5408017.0	7072.70020	259.23	0	48.825117	-86.938308	56115.58	56256.6	-6.56	56109.03	56111.48047	56117.88234	56110.61719	504528.1	5408017.0
L4530.1	504528.1	5408018.5	7072.70020	259.23	0	48.825131	-86.938308	56114.93	56256.6	-6.56	56108.38	56110.65234	56117.67061	56110.17188	504528.1	5408018.5
L4530.1	504528.1	5408018.5	7072.89990	255.86	0	48.825131	-86.938308	56114.20	56256.6	-6.56	56107.64	56109.72656	56117.34901	56109.61719	504528.1	5408018.5
L4530.1	504528.1	5408019.7	7073.00000	256.44	0	48.825141	-86.938308	56113.34	56256.6	-6.56	56106.78	56108.68359	56116.98866	56109.01953	504528.1	5408019.7
L4530.1	504528.0	5408021.1	7073.10010	255.95	0	48.825154	-86.938308	56112.90	56256.6	-6.56	56106.34	56108.05859	56116.59689	56108.39063	504528.0	5408021.1
L4530.1	504528.0	5408023.0	7073.20020	253.89	0	48.825171	-86.938309	56112.07	56256.6	-6.56	56105.51	56107.03906	56116.22774	56107.78125	504528.0	5408023.0
L4530.1	504528.0	5408023.0	7073.29981	254.92	0	48.825171	-86.938309	56111.44	56256.6	-6.56	56104.88	56106.21875	56115.84193	56107.15625	504528.0	5408023.0
L4530.1	504528.0	5408024.1	7073.39990	253.71	0	48.825181	-86.938309	56110.38	56256.6	-6.56	56103.82	56104.96875	56115.48152	56106.55859	504528.0	5408024.1
L4530.1	504528.0	5408025.5	7073.50000	252.46	0	48.825193	-86.938309	56109.77	56256.6	-6.56	56103.21	56104.16797	56115.08790	56105.92188	504528.0	5408025.5
L4530.1	504528.0	5408025.5	7073.60010	250.62	0	48.825193	-86.938309	56108.86	56256.6	-6.56	56102.30	56103.06250	56114.71112	56105.30469	504528.0	5408025.5
L4530.1	504528.0	5408027.0	7073.70020	247.86	0	48.825207	-86.938310	56108.20	56256.6	-6.56	56101.64	56102.20703	56114.31459	56104.66406	504528.0	5408027.0
L4530.1	504527.9	5408028.7	7073.79981	245.86	0	48.825222	-86.938310	56107.46	56256.6	-6.56	56100.90	56101.26953	56113.92035	56104.02734	504527.9	5408028.7
L4530.1	504527.9	5408028.7	7073.89990	246.56	0	48.825222	-86.938310	56106.56	56256.6	-6.56	56100.00	56100.16797	56113.53383	56103.39844	504527.9	5408028.7
L4530.1	504527.9	5408030.2	7074.00000	248.54	0	48.825236	-86.938310	56105.82	56256.6	-6.56	56099.26	56099.23047	56113.13375	56102.75391	504527.9	5408030.2
L4530.1	504527.9	5408032.1	7074.10010	250.86	0	48.825253	-86.938310	56104.68	56256.6	-6.56	56098.13	56097.89844	56112.75686	56102.13281	504527.9	5408032.1
L4530.1	504527.9	5408032.1	7074.20020	253.83	0	48.825253	-86.938310	56104.46	56256.6	-6.56	56097.91	56097.47266	56112.31657	56101.44922	504527.9	5408032.1
L4530.1	504527.9	5408033.7	7074.29981	258.05	0	48.825267	-86.938310	56103.41	56256.6	-6.55	56096.86	56096.21875	56111.92896	56100.81641	504527.9	5408033.7
L4530.1	504527.9	5408033.7	7074.39990	258.71	0	48.825267	-86.938310	56102.34	56256.6	-6.55	56095.79	56094.94531	56111.54011	56100.17969	504527.9	5408033.7
L4530.1	504527.9	5408036.0	7074.50000	259.90	0	48.825288	-86.938310	56101.49	56256.6	-6.55	56094.94	56093.88672	56111.13412	56099.52734	504527.9	5408036.0
L4530.1	504527.9	5408037.0	7074.60010	259.52	0	48.825297	-86.938311	56100.59	56256.5	-6.55	56094.04	56092.77734	56110.72907	56098.87891	504527.9	5408037.0
L4530.1	504527.9	5408037.0	7074.70020	260.79	0	48.825297	-86.938311	56100.06	56256.5	-6.55	56093.51	56092.03906	56110.29705	56098.19922	504527.9	5408037.0
L4530.1	504527.9	5408039.1	7074.70020	260.79	0	48.825315	-86.938311	56098.89	56256.5	-6.55	56092.35	56090.66797	56109.82949	56097.48438	504527.9	5408039.1
L4530.1	504527.9	5408040.2	7074.89990	264.36	0	48.825326	-86.938311	56097.81	56256.5	-6.54	56091.27	56089.37891	56109.28124	56096.69141	504527.9	5408040.2
L4530.1	504527.8	5408041.6	7075.00000	263.21	0	48.825338	-86.938311	56096.99	56256.5	-6.54	56090.45	56088.34766	56108.73243	56095.89453	504527.8	5408041.6
L4530.1	504527.8	5408041.6	7075.10010	263.03	0	48.825338	-86.938311	56096.14	56256.5	-6.54	56089.60	56087.28516	56108.20668	56095.12500	504527.8	5408041.6
L4530.1	504527.8	5408043.0	7075.20020	261.26	0	48.825351	-86.938311	56095.17	56256.5	-6.54	56088.63	56086.09766	56107.71411	56094.38281	504527.8	5408043.0
L4530.1	504527.8	5408044.7	7075.29981	262.38	0	48.825367	-86.938311	56094.19	56256.5	-6.54	56087.65	56084.90625	56107.25648	56093.67969	504527.8	5408044.7
L4530.1	504527.8	5408046.4	7075.39990	262.64	0	48.825381	-86.938312	56092.98	56256.5	-6.54	56086.44	56083.48047	56106.84950	56093.02734	504527.8	5408046.4
L4530.1	504527.8	5408046.4	7075.50000	261.71	0	48.825381	-86.938312	56092.37	56256.5	-6.54	56085.83	56082.65234	56106.46293	56092.39453	504527.8	5408046.4
L4530.1	504527.8	5408048.0	7075.60010	259.13	0	48.825396	-86.938312	56091.31	56256.5	-6.54	56084.76	56081.36719	56106.13410	56091.82031	504527.8	5408048.0
L4530.1	504527.8	5408049.5	7075.70020	258.21	0	48.825409	-86.938312	56089.88	56256.5	-6.54	56083.34	56079.73047	56105.85983	56091.30078	504527.8	5408049.5
L4530.1	504527.8	5408051.0	7075.79981	256.94	0	48.825422	-86.938312	56089.11	56256.5	-6.54	56082.57	56078.74219	56105.58301	56090.78125	504527.8	5408051.0
L4530.1	504527.8	5408051.0	7075.89990	255.52	0	48.825422	-86.938312	56088.09	56256.5	-6.54	56081.55	56077.50391	56105.34085	56090.29297	504527.8	5408051.0
L4530.1	504527.8	5408053.4	7076.00000	252.33	0	48.825444	-86.938312	56087.11	56256.5	-6.54	56080.57	56076.30469	56104.92560	56089.63672	504527.8	5408053.4
L4530.1	504527.8	5408053.4	7076.10010	254.86	0	48.825444	-86.938312	56085.82	56256.5	-6.54	56079.28	56074.79688	56104.52426	56088.99219	504527.8	5408053.4
L4530.1	504527.8	5408054.5	7076.20020	255.42	0	48.825454	-86.938312	56084.80	56256.5	-6.54	56078.26	56073.55859	56104.10452	56088.32813	504527.8	5408054.5
L4530.1	504527.8	5408056.0	7076.29981	252.41	0	48.825468	-86.938312	56084.00	56256.5	-6.54	56077.45	56072.52734	56103.67053	56087.65234	504527.8	5408056.0
L4530.1	504527.8	5408057.7	7076.39990	253.00	0	48.825483	-86.938312	56083.00	56256.5	-6.54	56076.46	56071.31641	56103.24846	56086.98828	504527.8	5408057.7
L4530.1	504527.8	5408057.7	7076.50000	259.46	0	48.825483	-86.938312	56081.85	56256.5	-6.54	56075.30	56069.93750	56102.83780	56086.33984	504527.8	5408057.7
L4530.1	504527.8	5408059.5	7076.60010	259.44	0	48.825499	-86.938312	56080.48	56256.5	-6.55	56073.93	56068.34766	56102.44140	56085.70313	504527.8	5408059.5
L4530.1	504527.8	5408059.5	7076.70020	257.89	0	48.825499	-86.938312	56079.72	56256.5	-6.55	56073.17	56067.37109	56102.00476	56085.02734	504527.8	5408059.5
L4530.1	504527.8	5408061.3	7076.70020	257.89	0	48.825515	-86.938312	56078.75	56256.5	-6.55	56072.21	56066.19141	56101.58207	56084.36719	504527.8	5408061.3
L4530.1	504527.8	5408063.0	7076.89990	257.12	0	48.825531	-86.938311	56077.39	56256.5	-6.55	56070.85	56064.61328	56101.18683	56083.73438	504527.8	5408063.0
L4530.1	504527.8	5408063.0	7077.00000	256.20	0	48.825531	-86.938311	56076.23	56256.6	-6.55	56069.68	56063.22266	56100.77991	56083.09375	504527.8	5408063.0
L4530.1	504527.8	5408064.7	7077.10010	254.75	0	48.825546	-86.938311	56075.39	56256.5	-6.55	56068.84	56062.16406	56100.35215	56082.42969	504527.8	5408064.7
L4530.1	504527.8	5408066.8	7077.20020	255.11	0	48.825565	-86.938311	56074.06	56256.5	-6.55	56067.51	56060.61719	56099.95843	56081.80078	504527.8	5408066.8
L4530.1	504527.8	5408066.8	7077.29981	257.19	0	48.825565	-86.938311	56072.92	56256.5	-6.55	56066.37	56059.26172	56099.55361	56081.16406	504527.8	5408066.8
L4530.1	504527.8	5408068.0	7077.39990	254.51	0	48.825576	-86.938311	56071.68	56256.5	-6.55	56065.13	56057.80469	56099.15722	56080.53516	504527.8	5408068.0
L4530.1	504527.8	5408069.8	7077.50000	254.01	0	48.825592	-86.938311	56070.76	56256.5	-6.54	56064.22	56056.67578	56098.74081	56079.89063	504527.8	5408069.8
L4530.1	504527.8	5408069.8	7077.60010	253.62	0	48.825592	-86.938311	56069.47	56256.5	-6.54	56062.92	56055.16016	56098.35259	56079.27344	504527.8	5408069.8
L4530.1	504527.8	5408071.5	7077.70020	253.93	0	48.825607	-86.938311	56068.06	56256.5	-6.54	56061.52	56053.54688	56097.97344	56078.66797	504527.8	5408071.5
L4530.1	504527.8	5408071.5	7077.79981	253.08	0	48.825607	-86.938311	56067.32	56256.5	-6.54	56060.78	56052.59375	56097.55290	56078.01953	504527.8	5408071.5
L4530.1	504527.8	5408073.6	7077.89990	253.60	0	48.825626	-86.938311	56065.86	56256.5	-6.54	56059.32	56050.92188	56097.18321	56077.42578	504527.8	5408073.6
L4530.1	504527.8	5408075.2	7078.00000	252.76	0	48.825640	-86.938311	56064.63	56256.5	-6.54	56058.08	56049.46875	56096.80192	56076.82031	504527.8	5408075.2
L4530.1	504527.9	5408076.4	7078.10010	254.97	0	48.825651	-86.938311	56063.68	56256.5	-6.54	56057.14	56048.32031	56096.40393	56076.19922	504527.9	5408076.4
L4530.1	504527.9	5408076.4	7078.20020	253.75	0	48.825651	-86.938311	56062.52	56256.5	-6.54	56055.98	56046.94922	56096.02414	56075.60156	504527.9	5408076.4
L4530.1	504527.9	5408077.9	7078.29981	253.69	0	48.825665	-86.938310	56061.23	56256.5	-6.54	56054.69	56045.44922	56095.65678	56075.01563	504527.9	5408077.9
L4530.1	504527.9	5408079.3	7078.39990	254.47	0	48.825677	-86.938310	56059.99	56256.5	-6.54	56053.45	56044.00391	56095.29009	56074.42969	504527.9	5408079.3
L4530.1	504527.9	5408081.0	7078.50000	255.93	0	48.825693	-86.938310	56058.98	56256.5	-6.54	56052.44	56042.78906	56094.91231	56073.83594	504527.9	5408081.0

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4530.1	504527.9	5408081.0	7078.60010	254.27	0	48.825693	-86.938310	56057.92	56256.5	-6.54	56051.38	56041.52344	56094.54236	56073.25391	504527.9	5408081.0
L4530.1	504527.9	5408082.7	7078.70020	253.98	0	48.825708	-86.938310	56056.37	56256.5	-6.54	56049.83	56039.77344	56094.20981	56072.70703	504527.9	5408082.7
L4530.1	504527.9	5408082.7	7078.70020	253.98	0	48.825708	-86.938310	56055.39	56256.5	-6.54	56048.85	56038.58984	56093.84425	56072.13281	504527.9	5408082.7
L4530.1	504527.9	5408085.7	7078.89990	252.52	0	48.825735	-86.938310	56054.38	56256.5	-6.54	56047.83	56037.37109	56093.48659	56071.56641	504527.9	5408085.7
L4530.1	504527.9	5408085.7	7079.00000	251.80	0	48.825735	-86.938310	56052.73	56256.5	-6.54	56046.19	56035.53516	56093.17576	56071.04688	504527.9	5408085.7
L4530.1	504527.9	5408087.2	7079.10010	252.04	0	48.825749	-86.938310	56051.62	56256.5	-6.54	56045.08	56034.22656	56092.83534	56070.50000	504527.9	5408087.2
L4530.1	504527.9	5408088.8	7079.20020	253.94	0	48.825763	-86.938310	56050.71	56256.5	-6.54	56044.17	56033.12500	56092.48760	56069.94922	504527.9	5408088.8
L4530.1	504527.9	5408088.8	7079.29981	254.54	0	48.825763	-86.938310	56049.62	56256.5	-6.54	56043.08	56031.83984	56092.15811	56069.41797	504527.9	5408088.8
L4530.1	504527.9	5408091.1	7079.39990	255.15	0	48.825783	-86.938309	56048.18	56256.5	-6.54	56041.64	56030.21094	56091.85848	56068.92188	504527.9	5408091.1
L4530.1	504527.9	5408092.0	7079.50000	253.72	0	48.825791	-86.938309	56046.94	56256.5	-6.54	56040.40	56028.78516	56091.55230	56068.41797	504527.9	5408092.0
L4530.1	504527.9	5408092.0	7079.60010	253.85	0	48.825791	-86.938309	56046.03	56256.5	-6.54	56039.49	56027.68750	56091.23116	56067.89844	504527.9	5408092.0
L4530.1	504527.9	5408093.4	7079.70020	254.27	0	48.825804	-86.938309	56044.98	56256.5	-6.54	56038.44	56026.45313	56090.92666	56067.40234	504527.9	5408093.4
L4530.1	504528.0	5408095.2	7079.79981	253.39	0	48.825821	-86.938309	56043.55	56256.5	-6.54	56037.01	56024.84375	56090.65505	56066.93750	504528.0	5408095.2
L4530.1	504528.0	5408095.2	7079.89990	251.49	0	48.825821	-86.938309	56042.62	56256.5	-6.54	56036.08	56023.73438	56090.35794	56066.44922	504528.0	5408095.2
L4530.1	504528.0	5408097.1	7080.00000	247.81	0	48.825838	-86.938309	56041.65	56256.5	-6.54	56035.11	56022.58594	56090.07157	56065.97656	504528.0	5408097.1
L4530.1	504528.0	5408098.8	7080.10010	250.36	0	48.825853	-86.938309	56040.28	56256.5	-6.54	56033.74	56021.04297	56089.82022	56065.53906	504528.0	5408098.8
L4530.1	504528.0	5408098.8	7080.20020	253.11	0	48.825853	-86.938309	56039.23	56256.5	-6.54	56032.69	56019.82031	56089.55614	56065.08984	504528.0	5408098.8
L4530.1	504528.0	5408100.3	7080.29981	255.77	0	48.825866	-86.938309	56038.41	56256.5	-6.54	56031.87	56018.83203	56089.28559	56064.64063	504528.0	5408100.3
L4530.1	504528.0	5408100.3	7080.39990	256.18	0	48.825866	-86.938309	56037.13	56256.5	-6.54	56030.59	56017.38672	56089.05482	56064.23047	504528.0	5408100.3
L4530.1	504528.0	5408101.8	7080.50000	258.06	0	48.825880	-86.938308	56035.84	56256.5	-6.54	56029.30	56015.93359	56088.83408	56063.83203	504528.0	5408101.8
L4530.1	504528.0	5408103.6	7080.60010	259.75	0	48.825896	-86.938308	56034.97	56256.5	-6.53	56028.43	56014.90234	56088.59496	56063.41797	504528.0	5408103.6
L4530.1	504528.0	5408105.2	7080.70020	260.22	0	48.825910	-86.938308	56034.04	56256.5	-6.53	56027.51	56013.82422	56088.36903	56063.01563	504528.0	5408105.2
L4530.1	504528.0	5408105.2	7080.70020	260.22	0	48.825910	-86.938308	56033.25	56256.5	-6.53	56026.72	56012.87891	56088.14455	56062.62109	504528.0	5408105.2
L4530.1	504528.0	5408107.2	7080.89990	261.87	0	48.825928	-86.938308	56032.20	56256.5	-6.53	56025.66	56011.66797	56087.94843	56062.25781	504528.0	5408107.2
L4530.1	504528.0	5408108.5	7081.00000	259.09	0	48.825940	-86.938308	56031.16	56256.5	-6.53	56024.63	56010.48828	56087.60767	56061.75000	504528.0	5408108.5
L4530.1	504528.0	5408110.1	7081.10010	258.93	0	48.825955	-86.938308	56030.24	56256.5	-6.53	56023.71	56009.42188	56087.21087	56061.18750	504528.0	5408110.1
L4530.1	504528.0	5408110.1	7081.20020	261.09	0	48.825955	-86.938308	56029.59	56256.5	-6.53	56023.05	56008.61719	56086.86370	56060.67969	504528.0	5408110.1
L4530.1	504528.0	5408111.8	7081.29981	261.04	0	48.825970	-86.938308	56028.78	56256.5	-6.54	56022.24	56007.66797	56086.59757	56060.25000	504528.0	5408111.8
L4530.1	504528.0	5408113.4	7081.39990	260.10	0	48.825984	-86.938309	56027.79	56256.5	-6.54	56021.25	56006.54297	56086.42532	56059.92188	504528.0	5408113.4
L4530.1	504528.0	5408113.4	7081.50000	259.57	0	48.825984	-86.938309	56027.06	56256.5	-6.54	56020.51	56005.66797	56086.33336	56059.67188	504528.0	5408113.4
L4530.1	504527.9	5408115.3	7081.60010	258.61	0	48.826002	-86.938309	56026.25	56256.5	-6.54	56019.70	56004.72656	56086.34992	56059.53516	504527.9	5408115.3
L4530.1	504527.9	5408115.3	7081.70020	257.80	0	48.826002	-86.938309	56025.54	56256.5	-6.54	56018.99	56003.89063	56086.45423	56059.48828	504527.9	5408115.3
L4530.1	504527.9	5408117.1	7081.79981	255.77	0	48.826017	-86.938309	56024.81	56256.5	-6.55	56018.26	56003.03516	56086.54413	56059.42969	504527.9	5408117.1
L4530.1	504527.9	5408118.6	7081.89990	257.10	0	48.826031	-86.938309	56023.94	56256.5	-6.55	56017.39	56002.04688	56086.45114	56059.18750	504527.9	5408118.6
L4530.1	504527.9	5408120.1	7082.00000	257.95	0	48.826044	-86.938309	56023.44	56256.6	-6.55	56016.89	56001.42969	56086.34616	56058.93750	504527.9	5408120.1
L4530.1	504527.9	5408120.1	7082.10010	256.76	0	48.826044	-86.938309	56022.96	56256.5	-6.55	56016.41	56000.83594	56086.25272	56058.70313	504527.9	5408120.1
L4530.1	504527.9	5408121.3	7082.20020	255.55	0	48.826055	-86.938309	56022.32	56256.5	-6.55	56015.78	56000.09766	56086.18231	56058.49219	504527.9	5408121.3
L4530.1	504527.9	5408122.7	7082.29981	256.96	0	48.826068	-86.938310	56021.67	56256.5	-6.55	56015.13	55999.33984	56086.12642	56058.29688	504527.9	5408122.7
L4530.1	504527.9	5408122.7	7082.39990	259.56	0	48.826068	-86.938310	56021.18	56256.5	-6.55	56014.64	55998.74609	56086.07320	56058.10547	504527.9	5408122.7
L4530.1	504527.9	5408124.7	7082.50000	257.97	0	48.826086	-86.938310	56020.78	56256.5	-6.54	56014.24	55998.24609	56086.02747	56057.92578	504527.9	5408124.7
L4530.1	504527.8	5408126.3	7082.60010	259.77	0	48.826100	-86.938310	56020.33	56256.5	-6.54	56013.78	55997.69141	56085.99936	56057.76563	504527.8	5408126.3
L4530.1	504527.8	5408126.3	7082.70020	258.40	0	48.826100	-86.938310	56019.82	56256.5	-6.54	56013.28	55997.10156	56085.98767	56057.62500	504527.8	5408126.3
L4530.1	504527.8	5408128.3	7082.70020	258.40	0	48.826118	-86.938310	56019.54	56256.5	-6.54	56013.00	55996.73047	56085.97517	56057.48438	504527.8	5408128.3
L4530.1	504527.8	5408129.7	7082.89990	256.13	0	48.826131	-86.938310	56019.32	56256.5	-6.54	56012.78	55996.42578	56085.97264	56057.35547	504527.8	5408129.7
L4530.1	504527.8	5408129.7	7083.00000	253.66	0	48.826131	-86.938310	56018.98	56256.5	-6.54	56012.44	55996.00391	56085.99218	56057.25000	504527.8	5408129.7
L4530.1	504527.8	5408131.5	7083.10010	252.45	0	48.826147	-86.938311	56018.56	56256.5	-6.54	56012.02	55995.50781	56086.03122	56057.16797	504527.8	5408131.5
L4530.1	504527.8	5408132.8	7083.20020	253.29	0	48.826158	-86.938311	56018.56	56256.5	-6.53	56012.03	55995.44531	56086.05582	56057.07422	504527.8	5408132.8
L4530.1	504527.8	5408134.7	7083.29981	251.29	0	48.826176	-86.938311	56018.43	56256.5	-6.53	56011.89	55995.23438	56086.10473	56057.00391	504527.8	5408134.7
L4530.1	504527.8	5408134.7	7083.39990	252.03	0	48.826176	-86.938311	56018.16	56256.5	-6.53	56011.63	55994.90625	56086.17601	56056.96094	504527.8	5408134.7
L4530.1	504527.7	5408136.0	7083.50000	252.02	0	48.826187	-86.938311	56018.08	56256.5	-6.53	56011.55	55994.76563	56086.24970	56056.92188	504527.7	5408136.0
L4530.1	504527.7	5408137.8	7083.60010	253.81	0	48.826203	-86.938312	56018.10	56256.5	-6.52	56011.58	55994.73828	56086.33050	56056.89063	504527.7	5408137.8
L4530.1	504527.7	5408139.1	7083.70020	253.66	0	48.826215	-86.938312	56018.31	56256.5	-6.52	56011.79	55994.89063	56086.41379	56056.86328	504527.7	5408139.1
L4530.1	504527.7	5408139.1	7083.79981	246.98	0	48.826215	-86.938312	56018.23	56256.5	-6.52	56011.71	55994.76172	56086.19850	56056.53906	504527.7	5408139.1
L4530.1	504527.7	5408141.0	7083.89990	249.12	0	48.826232	-86.938312	56018.06	56256.5	-6.51	56011.54	55994.54297	56085.14467	56055.37891	504527.7	5408141.0
L4530.1	504527.7	5408142.7	7084.00000	257.93	0	48.826248	-86.938312	56018.58	56256.5	-6.51	56012.07	55995.02734	56084.01714	56054.14844	504527.7	5408142.7
L4530.1	504527.7	5408142.7	7084.10010	260.01	0	48.826248	-86.938312	56018.71	56256.5	-6.51	56012.19	55995.10938	56082.88572	56052.91406	504527.7	5408142.7
L4530.1	504527.6	5408144.5	7084.20020	261.38	0	48.826264	-86.938313	56018.93	56256.5	-6.52	56012.42	55995.30469	56081.75243	56051.68359	504527.6	5408144.5
L4530.1	504527.6	5408145.9	7084.29981	262.52	0	48.826277	-86.938313	56019.04	56256.5	-6.52	56012.52	55995.37109	56080.63106	56050.46094	504527.6	5408145.9
L4530.1	504527.6	5408145.9	7084.39990	263.95	0	48.826277	-86.938313	56019.42	56256.5	-6.52	56012.90	55995.72266	56079.56781	56049.30078	504527.6	5408145.9
L4530.1	504527.6	5408147.8	7084.50000	263.89	0	48.826294	-86.938313	56020.18	56256.5	-6.53	56013.65	55996.44531	56078.61654	56048.25781	504527.6	5408147.8
L4530.1	504527.6	5408147.8	7084.60010	267.31	0	48.826294	-86.938313	56020.36	56256.5	-6.53	56013.83	55996.60547	56077.75045	56047.29688	504527.6	5408147.8
L4530.1	504527.6	5408149.7	7084.70020	270.11	0	48.826311	-86.938313	56020.66	56256.5	-6.53	56014.13	55996.88672	56077.03088	56046.48438	504527.6	5408149.7
L4530.1	504527.6	5408151.4	7084.70020	270.11	0	48.826326	-86.938313	56021.26	56256.5	-6.53	56014.73	55997.47266	56076.50300	56045.86719	504527.6	5408151.4
L4530.1	504527.6	5408151.4	7084.89990	267.63	0	48.826326	-86.938313	56022.02	56256.5	-6.54	56015.48	55998.21094	56076.17670	56045.45313	504527.6	5408151.4
L4530.1	504527.6	5408153.0	7085.00000	267.13	0	48.826341	-86.938313	56022.56	56256.5	-6.54	56016.01	55998.73438	56076.02752	56045.21875	504527.6	5408153.0
L4530.1	504527.5	5408155.0	7085.10010	267.16	0	48.826358	-86.938314	56022.98	56256.5	-6.54	56016.44	55999.16406	56076.08114	56045.18750	504527.5	5408155.0
L4530.1	504527.5	5408155.0	7085.20020	265.64	0	48.826358	-86.938314	56023.77	56256.5	-6.54	56017.23	55999.95313	56076.40056	56045.42188	504527.5	5408155.0
L4530.1	504527.5	5408156.3	7085.29981	266.33	0	48.826370	-86.938314	56024.76	56256.5	-6.54	56018.22	56000.94531	56076.92467	56045.86719	504527.5	5408156.3
L4530.1	504527.5	5408156.3	7085.39990	266.49	0	48.826370	-86.938314	56025.36	56256.5	-6.54	56018.82	56001.55469	56077.54838	56046.41016	504527.5	5408156.3
L4530.1	504527.5	5408158.0	7085.50000	269.40	0	48.826385	-86.938314	56025.96	56256.5	-6.54	56019.42	56002.16406	56078.28654	56047.07031	504527.5	5408158.0
L4530.1	504527.5	5408159.4	7085.60010	268.05	0	48.826398	-86.938314	56026.65	56256.5	-6.54	56020.11	56002.87109	56079.11778	56047.82422	504527.5	5408159.4
L4530.1	504527.5	5408161.0	7085.70020	264.89	0	48.826412	-86.938314	56027.67	56256.5	-6.54	56021.13	56003.90625	56080.03232	56048.66406	504527.5	5408161.0
L4530.1	504527.5	5408162.8	7085.79981	264.75	0	48.826428	-86.938314	56028.80	56256.5	-6.54	56022.26	56005.05859	56080.97330	56049.53125	504527.5	5408162.8
L4530.1	504527.5	5408162.8	7085.89990	264.50	0	48.826428	-86.938314	56029.59	56256.5	-6.54	56023.05	56005.87109	56081.87346	56050.35938	504527.5	5408162.8
L4530.1	504527.5	5408164.2	7086.00000	261.55	0	48.826441	-86.938315	56030.27	56256.5	-6.54	56023.73	56006.58203	56082.73233	56051.14453	504527.5	5408164.2
L4530.1	504527.5	5408165.8	7086.10010	259.37	0	48.826456	-86.938315	56031.43	56256.5	-6.54	56024.89	56007.77344	56083.57172	56051.91406	504527.5	5408165.8
L4530.1	504527.5	5408165.8	7086.20020	258.56	0	48.826456	-86.938315	56032.52	56256.5	-6.54	56025.98	56008.89453	56084.33199	56052.60547	504527.5	5408165.8
L4530.1	504527.4	5408167.5	7086.29981	258.48	0	48.826471	-86.938315	56033.63	56256.5	-6.54	56027.09	56010.04297	56085.00555	56053.21484	504527.4	5408167.5
L4530.1	504527.4	5408169.4	7086.39990	259.07	0	48.826488	-86.938315	56034.67	56256.5	-6.54	56028.13	56011.12500	56085.58340	56053.72656	504527.4	5408169.4
L4530.1	504527.4	5408169.4	7086.50000	259.84	0	48.826488	-86.938315	56035.58	56256.5	-6.54	56029.04	56012.07813	56086.06575	56054.14453	504527.4	5408169.4
L4530.1	504527.4	5408171.2	7086.60010	257.68	0	48.826504	-86.938316	56037.07	56256.5	-6.55	56030.53	56013.61719	56086.49563	56054.50781	504527.4	5408171.2
L4530.1	504527.4	5408172.7	7086.70020	256.98	0	48.826518	-86.938316	56038.06	56256.5	-6.55	56031.51	56014.64453	56086.82104	56054.77344	504527.4	5408172.7
L4530.1	504527.4	5408172.7	7086.70020	256.98	0	48.826518	-86.938316	56038.92	56256.5	-6.55	56032.38	56015.56641	56087.07656	56054.96875	504527.4	5408172.7
L4530.1	504527.4	5408174.4	7086.89990	261.12	0	48.826533	-86.938316	56040.41	56256.5	-6.55	56033.86	56017.10547	56087.32557	56055.15625	504527.4	5408174.4
L4530.1	504527.4	5408176.6	7087.00000	262.26	0	48.826552	-86.938316	56041.60	56256.6	-6.55	56035.05	56018.35156	56087.52420	56055.29688	504527.4	5408176.6
L4530.1	504527.4	5408176.6	7087.10010	264.42	0	48.826552	-86.938316	56042.74	56256.5	-6.55	56036.19	56019.55469	56087.70241	56055.41797	504527.4	5408176.6
L4530.1	504527.3	5408177.9	7087.20020	265.34	0	48.826564	-86.938316	56043.93	56256.5	-6.55	56037.38	56020.80859	56087.88052	56055.53906	504527.3	5408177.9
L4530.1	504527.3	5408179.9	7087.29981	265.24	0	48.826582	-86.938316	56045.37	56256.5	-6.54	56038.82	56022.31641	56088.08856	56055.69141	504527.3	5408179.9
L4530.1	504527.3	5408179.9	7087.39990	266.01	0	48.826582	-86.938316	56046.69	56256.5	-6.54	56040.15	56023.71484	56088.31484	56055.86328	504527.3	5408179.9
L4530.1	504527.3	5408181.7	7087.50000	266.95	0	48.826598	-86.938316	56047.59	56256.5	-6.54	56041.05	56024.68750	56088.53907	56056.03516	504527.3	5408181.7
L4530.1	504527.3	5408183.1	7087.60010	267.75	0	48.826611	-86.938316	56049.27	56256.5	-6.54	56042.73	56026.44141	56088.91305	56056.35547	504527.3	5408183.1
L4530.1	504527.3	5408183.1	7087.70020	267.90	0	48.826611	-86.938316	56050.73	56256.5	-6.54	56044.19	56027.98047	56089.33728	56056.72656	504527.3	5408183.1
L4530.1	504527.3	5408184.8	7087.79981	267.27	0	48.826626	-86.938316	56051.59	56256.5	-6.53	56045.06	56028.92969	56089.77068	56057.10938	504527.3	5408184.8

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4530.1	504527.3	5408186.6	7087.89990	266.15	0	48.826643	-86.938316	56053.21	56256.5	-6.53	56046.68	56030.63281	56090.38184	56057.67188	504527.3	5408186.6
L4530.1	504527.3	5408186.6	7088.00000	266.63	0	48.826643	-86.938316	56054.56	56256.5	-6.53	56048.03	56032.06641	56091.04247	56058.28516	504527.3	5408186.6
L4530.1	504527.3	5408188.6	7088.10010	265.02	0	48.826661	-86.938316	56055.67	56256.5	-6.53	56049.14	56033.26172	56091.75241	56058.94531	504527.3	5408188.6
L4530.1	504527.3	5408190.1	7088.20020	265.53	0	48.826674	-86.938316	56057.18	56256.5	-6.53	56050.65	56034.85938	56092.58854	56059.73438	504527.3	5408190.1
L4530.1	504527.3	5408190.1	7088.29981	266.54	0	48.826674	-86.938316	56058.60	56256.5	-6.54	56052.06	56036.36328	56093.47332	56060.57422	504527.3	5408190.1
L4530.1	504527.4	5408191.3	7088.39990	268.12	0	48.826685	-86.938316	56060.12	56256.5	-6.54	56053.58	56037.97656	56094.41858	56061.47266	504527.4	5408191.3
L4530.1	504527.4	5408193.1	7088.50000	266.68	0	48.826701	-86.938316	56061.11	56256.5	-6.54	56054.57	56039.05859	56095.33921	56062.35156	504527.4	5408193.1
L4530.1	504527.4	5408193.1	7088.60010	264.91	0	48.826701	-86.938316	56062.64	56256.5	-6.54	56056.10	56040.68750	56096.34592	56063.31250	504527.4	5408193.1
L4530.1	504527.4	5408194.5	7088.70020	263.59	0	48.826714	-86.938316	56064.24	56256.5	-6.54	56057.69	56042.37500	56097.37517	56064.30078	504527.4	5408194.5
L4530.1	504527.4	5408196.4	7088.70020	263.59	0	48.826731	-86.938316	56065.18	56256.5	-6.54	56058.64	56043.42578	56098.35952	56065.24219	504527.4	5408196.4
L4530.1	504527.4	5408197.8	7088.89990	261.49	0	48.826743	-86.938316	56066.62	56256.5	-6.55	56060.07	56044.96094	56099.40095	56066.24219	504527.4	5408197.8
L4530.1	504527.4	5408197.8	7089.00000	260.16	0	48.826743	-86.938316	56068.29	56256.6	-6.55	56061.74	56046.73438	56100.46760	56067.26953	504527.4	5408197.8
L4530.1	504527.4	5408199.5	7089.10010	262.36	0	48.826759	-86.938316	56069.48	56256.6	-6.55	56062.93	56048.03125	56101.50401	56068.26563	504527.4	5408199.5
L4530.1	504527.4	5408199.5	7089.20020	260.39	0	48.826759	-86.938316	56070.74	56256.6	-6.55	56064.19	56049.39844	56102.54931	56069.26953	504527.4	5408199.5
L4530.1	504527.3	5408201.3	7089.29981	259.51	0	48.826775	-86.938316	56072.36	56256.6	-6.55	56065.81	56051.12500	56103.61053	56070.29297	504527.3	5408201.3
L4530.1	504527.3	5408203.2	7089.39990	261.17	0	48.826792	-86.938316	56073.55	56256.6	-6.55	56066.99	56052.41797	56104.64539	56071.28906	504527.3	5408203.2
L4530.1	504527.3	5408203.2	7089.50000	260.95	0	48.826792	-86.938316	56074.76	56256.6	-6.56	56068.21	56053.74609	56105.67580	56072.28125	504527.3	5408203.2
L4530.1	504527.4	5408205.3	7089.60010	262.80	0	48.826811	-86.938316	56076.38	56256.6	-6.56	56069.82	56055.47266	56106.70350	56073.27344	504527.4	5408205.3
L4530.1	504527.4	5408205.3	7089.70020	263.58	0	48.826811	-86.938316	56077.65	56256.6	-6.56	56071.09	56056.85547	56107.71172	56074.24609	504527.4	5408205.3
L4530.1	504527.4	5408207.1	7089.79981	262.29	0	48.826827	-86.938316	56078.79	56256.6	-6.56	56072.23	56058.10938	56108.70642	56075.20313	504527.4	5408207.1
L4530.1	504527.4	5408207.1	7089.89990	261.37	0	48.826827	-86.938316	56080.23	56256.6	-6.56	56073.67	56059.66797	56109.68356	56076.14453	504527.4	5408207.1
L4530.1	504527.4	5408208.8	7090.00000	260.35	0	48.826843	-86.938316	56081.62	56256.6	-6.56	56075.06	56061.17578	56110.64003	56077.07031	504527.4	5408208.8
L4530.1	504527.4	5408210.5	7090.10010	259.84	0	48.826858	-86.938316	56082.81	56256.6	-6.56	56076.25	56062.48438	56111.57903	56077.97266	504527.4	5408210.5
L4530.1	504527.4	5408210.5	7090.20020	259.00	0	48.826858	-86.938316	56084.00	56256.6	-6.56	56077.44	56063.79297	56112.49665	56078.85938	504527.4	5408210.5
L4530.1	504527.4	5408212.2	7090.29981	256.93	0	48.826873	-86.938316	56085.54	56256.6	-6.56	56078.98	56065.45313	56113.37676	56079.70703	504527.4	5408212.2
L4530.1	504527.4	5408213.7	7090.39990	256.23	0	48.826887	-86.938316	56086.85	56256.6	-6.56	56080.29	56066.88672	56114.24232	56080.53906	504527.4	5408213.7
L4530.1	504527.4	5408215.5	7090.50000	257.58	0	48.826903	-86.938316	56087.79	56256.6	-6.56	56081.23	56067.94922	56115.10630	56081.37109	504527.4	5408215.5
L4530.1	504527.4	5408215.5	7090.60010	255.93	0	48.826903	-86.938316	56089.38	56256.6	-6.56	56082.82	56069.66016	56115.91058	56082.14453	504527.4	5408215.5
L4530.1	504527.4	5408217.2	7090.70020	248.49	0	48.826918	-86.938316	56090.63	56256.6	-6.56	56084.07	56071.03516	56116.62204	56082.82422	504527.4	5408217.2
L4530.1	504527.4	5408218.8	7090.70020	248.49	0	48.826933	-86.938316	56091.54	56256.6	-6.56	56084.98	56072.07031	56117.28168	56083.45313	504527.4	5408218.8
L4530.1	504527.4	5408218.8	7090.89990	255.03	0	48.826933	-86.938316	56093.00	56256.6	-6.56	56086.44	56073.65234	56117.90559	56084.04688	504527.4	5408218.8
L4530.1	504527.4	5408220.9	7091.00000	255.28	0	48.826951	-86.938316	56094.36	56256.6	-6.56	56087.80	56075.14063	56118.53694	56084.65234	504527.4	5408220.9
L4530.1	504527.4	5408220.9	7091.10010	254.77	0	48.826951	-86.938316	56095.43	56256.6	-6.56	56088.87	56076.33594	56119.18823	56085.27344	504527.4	5408220.9
L4530.1	504527.4	5408222.6	7091.20020	255.87	0	48.826967	-86.938316	56096.52	56256.6	-6.56	56089.96	56077.55078	56119.83866	56085.89453	504527.4	5408222.6
L4530.1	504527.4	5408224.0	7091.29981	255.70	0	48.826979	-86.938316	56097.96	56256.6	-6.56	56091.40	56079.11719	56120.46608	56086.49609	504527.4	5408224.0
L4530.1	504527.4	5408225.3	7091.39990	257.72	0	48.826991	-86.938316	56099.32	56256.6	-6.56	56092.76	56080.60547	56121.09901	56087.10156	504527.4	5408225.3
L4530.1	504527.4	5408225.3	7091.50000	258.85	0	48.826991	-86.938316	56100.21	56256.6	-6.56	56093.65	56081.62109	56121.76331	56087.73828	504527.4	5408225.3
L4530.1	504527.4	5408227.3	7091.60010	258.62	0	48.827009	-86.938315	56101.27	56256.6	-6.55	56094.71	56082.80859	56122.41618	56088.36719	504527.4	5408227.3
L4530.1	504527.4	5408229.1	7091.70020	256.88	0	48.827025	-86.938315	56102.69	56256.6	-6.55	56096.14	56084.36328	56123.04416	56088.96875	504527.4	5408229.1
L4530.1	504527.4	5408229.1	7091.79981	257.48	0	48.827025	-86.938315	56103.75	56256.6	-6.55	56097.20	56085.55078	56123.69646	56089.59375	504527.4	5408229.1
L4530.1	504527.4	5408231.0	7091.89990	256.91	0	48.827042	-86.938315	56105.06	56256.6	-6.55	56098.51	56086.98828	56124.19308	56090.06641	504527.4	5408231.0
L4530.1	504527.4	5408232.4	7092.00000	256.36	0	48.827055	-86.938316	56105.88	56256.6	-6.55	56099.32	56087.92578	56124.71245	56090.56250	504527.4	5408232.4
L4530.1	504527.4	5408232.4	7092.10010	257.24	0	48.827055	-86.938316	56107.07	56256.6	-6.55	56100.51	56089.24219	56125.21563	56091.03906	504527.4	5408232.4
L4530.1	504527.4	5408233.8	7092.20020	257.65	0	48.827067	-86.938316	56108.45	56256.6	-6.55	56101.90	56090.76172	56125.72174	56091.52344	504527.4	5408233.8
L4530.1	504527.4	5408235.6	7092.29981	258.42	0	48.827083	-86.938316	56109.27	56256.6	-6.55	56102.71	56091.69531	56126.26623	56092.04297	504527.4	5408235.6
L4530.1	504527.4	5408235.6	7092.39990	260.64	0	48.827083	-86.938316	56110.40	56256.6	-6.55	56103.84	56092.95313	56126.81231	56092.56641	504527.4	5408235.6
L4530.1	504527.4	5408237.3	7092.50000	258.92	0	48.827099	-86.938316	56111.39	56256.6	-6.56	56104.83	56094.07031	56127.37860	56093.11328	504527.4	5408237.3
L4530.1	504527.4	5408237.3	7092.60010	259.21	0	48.827099	-86.938316	56112.68	56256.6	-6.56	56106.13	56095.49609	56127.95305	56093.66406	504527.4	5408237.3
L4530.1	504527.4	5408239.0	7092.70020	261.29	0	48.827114	-86.938315	56113.82	56256.6	-6.56	56107.26	56096.75000	56128.54873	56094.23828	504527.4	5408239.0
L4530.1	504527.4	5408240.9	7092.70020	261.29	0	48.827131	-86.938315	56114.88	56256.6	-6.56	56108.32	56097.93359	56129.16096	56094.83203	504527.4	5408240.9
L4530.1	504527.4	5408240.9	7092.89990	262.18	0	48.827131	-86.938315	56115.68	56256.6	-6.56	56109.13	56098.87109	56129.79075	56095.44141	504527.4	5408240.9
L4530.1	504527.4	5408242.8	7093.00000	261.34	0	48.827148	-86.938315	56116.72	56256.6	-6.56	56110.16	56100.02344	56130.42762	56096.05859	504527.4	5408242.8
L4530.1	504527.4	5408244.2	7093.10010	261.69	0	48.827161	-86.938315	56118.12	56256.6	-6.56	56111.56	56101.54688	56131.06785	56096.67578	504527.4	5408244.2
L4530.1	504527.4	5408244.2	7093.20020	261.87	0	48.827161	-86.938315	56119.00	56256.6	-6.55	56112.44	56102.55078	56131.72357	56097.31250	504527.4	5408244.2
L4530.1	504527.4	5408246.2	7093.29981	258.62	0	48.827179	-86.938315	56120.02	56256.6	-6.55	56113.47	56103.70313	56132.38330	56097.95703	504527.4	5408246.2
L4530.1	504527.4	5408247.9	7093.39990	257.52	0	48.827194	-86.938315	56120.80	56256.5	-6.55	56114.25	56104.60547	56133.05183	56098.60547	504527.4	5408247.9
L4530.1	504527.4	5408247.9	7093.50000	260.04	0	48.827194	-86.938315	56121.91	56256.5	-6.54	56115.36	56105.83594	56133.71891	56099.25391	504527.4	5408247.9
L4530.1	504527.4	5408249.9	7093.60010	259.41	0	48.827212	-86.938314	56123.05	56256.5	-6.54	56116.51	56107.10547	56134.38720	56099.90625	504527.4	5408249.9
L4530.1	504527.4	5408251.4	7093.70020	249.41	0	48.827225	-86.938314	56123.81	56256.5	-6.54	56117.27	56107.98438	56135.06286	56100.56250	504527.4	5408251.4
L4530.1	504527.4	5408251.4	7093.79981	249.57	0	48.827225	-86.938314	56125.10	56256.5	-6.54	56118.56	56109.39063	56135.72736	56101.21094	504527.4	5408251.4
L4530.1	504527.4	5408252.8	7093.89990	259.23	0	48.827238	-86.938314	56125.81	56256.5	-6.53	56119.28	56110.23047	56136.40011	56101.86719	504527.4	5408252.8
L4530.1	504527.4	5408254.3	7094.00000	258.93	0	48.827251	-86.938314	56126.77	56256.5	-6.53	56120.24	56111.30859	56137.06188	56102.51563	504527.4	5408254.3
L4530.1	504527.4	5408254.3	7094.10010	258.70	0	48.827251	-86.938314	56128.00	56256.5	-6.53	56121.47	56112.65234	56137.71128	56103.14844	504527.4	5408254.3
L4530.1	504527.5	5408256.2	7094.20020	258.21	0	48.827268	-86.938314	56128.74	56256.5	-6.54	56122.20	56113.49609	56138.36658	56103.78906	504527.5	5408256.2
L4530.1	504527.5	5408257.6	7094.29981	259.09	0	48.827281	-86.938314	56129.50	56256.5	-6.54	56122.97	56114.38281	56139.01491	56104.42578	504527.5	5408257.6
L4530.1	504527.5	5408257.6	7094.39990	258.35	0	48.827281	-86.938314	56130.61	56256.5	-6.54	56124.07	56115.59375	56139.64972	56105.04297	504527.5	5408257.6
L4530.1	504527.5	5408259.3	7094.50000	257.34	0	48.827297	-86.938314	56131.55	56256.5	-6.54	56125.00	56116.63672	56140.28465	56105.66797	504527.5	5408259.3
L4530.1	504527.5	5408261.0	7094.60010	255.97	0	48.827312	-86.938314	56132.39	56256.5	-6.55	56125.84	56117.58594	56140.91821	56106.28516	504527.5	5408261.0
L4530.1	504527.5	5408261.0	7094.70020	256.67	0	48.827312	-86.938314	56133.06	56256.6	-6.55	56126.51	56118.36719	56141.55409	56106.91016	504527.5	5408261.0
L4530.1	504527.5	5408262.4	7094.70020	256.67	0	48.827324	-86.938314	56134.16	56256.6	-6.55	56127.61	56119.57422	56142.17778	56107.51953	504527.5	5408262.4
L4530.1	504527.5	5408264.3	7094.89990	256.56	0	48.827342	-86.938313	56135.17	56256.6	-6.56	56128.61	56120.68359	56142.80491	56108.13672	504527.5	5408264.3
L4530.1	504527.5	5408264.3	7095.00000	257.71	0	48.827342	-86.938313	56135.77	56256.6	-6.56	56129.21	56121.39063	56143.44453	56108.76563	504527.5	5408264.3
L4530.1	504527.5	5408266.0	7095.10010	259.32	0	48.827357	-86.938313	56136.69	56256.6	-6.56	56130.13	56122.41406	56144.07716	56109.38672	504527.5	5408266.0
L4530.1	504527.5	5408267.4	7095.20020	259.23	0	48.827370	-86.938313	56137.66	56256.6	-6.56	56131.11	56123.50000	56144.70995	56110.00781	504527.5	5408267.4
L4530.1	504527.5	5408269.1	7095.29981	260.92	0	48.827385	-86.938313	56138.69	56256.6	-6.56	56132.13	56124.62109	56145.34319	56110.63281	504527.5	5408269.1
L4530.1	504527.5	5408269.1	7095.39990	260.66	0	48.827385	-86.938313	56139.11	56256.6	-6.56	56132.55	56125.14453	56145.99837	56111.27734	504527.5	5408269.1
L4530.1	504527.5	5408270.6	7095.50000	260.43	0	48.827398	-86.938313	56140.07	56256.6	-6.56	56133.52	56126.21484	56146.63614	56111.90625	504527.5	5408270.6
L4530.1	504527.5	5408272.5	7095.60010	259.68	0	48.827416	-86.938313	56141.19	56256.6	-6.55	56134.64	56127.43359	56147.26764	56112.52734	504527.5	5408272.5
L4530.1	504527.5	5408272.5	7095.70020	260.75	0	48.827416	-86.938313	56141.76	56256.6	-6.55	56135.21	56128.10156	56147.92161	56113.17188	504527.5	5408272.5
L4530.1	504527.5	5408273.7	7095.79981	258.06	0	48.827427	-86.938313	56142.60	56256.6	-6.55	56136.05	56129.03516	56148.56366	56113.80859	504527.5	5408273.7
L4530.1	504527.5	5408275.0	7095.89990	257.48	0	48.827437	-86.938313	56143.36	56256.6	-6.55	56136.81	56129.89063	56149.20808	56114.44531	504527.5	5408275.0
L4530.1	504527.5	5408276.3	7096.00000	255.75	0	48.827450	-86.938313	56144.53	56256.6	-6.55	56137.98	56131.15625	56149.82738	56115.05469	504527.5	5408276.3
L4530.1	504527.5	5408278.2	7096.10010	256.96	0	48.827466	-86.938313	56144.98	56256.6	-6.55	56138.43	56131.69531	56150.48337	56115.70313	504527.5	5408278.2
L4530.1	504527.5	5408278.2	7096.20020	255.41	0	48.827466	-86.938313	56145.64	56256.6	-6.55	56139.09	56132.44922	56151.12443	56116.33984	504527.5	5408278.2
L4530.1	504527.5	5408279.8	7096.29981	256.54	0	48.827481	-86.938313	56146.68	56256.6	-6.55	56140.13	56133.57813	56151.72217	56116.92969	504527.5	5408279.8
L4530.1	504527.5	5408281.5	7096.39990	255.42	0	48.827497	-86.938313	56147.45	56256.6	-6.55	56140.90	56134.43359	56152.30501	56117.50781	504527.5	5408281.5
L4530.1	504527.5	5408281.5	7096.50000	256.18	0	48.827497	-86.938313	56148.27	56256.6	-6.55	56141.72	56135.33984	56152.88199	56118.07813	504527.5	5408281.5
L4530.1	504527.5	5408283.0	7096.60010	255.69	0	48.827509	-86.938312	56148.70	56256.6	-6.55	56142.15	56135.85547	56153.48244	56118.67188	504527.5	5408283.0
L4530.1	504527.5	5408283.0	7096.70020	256.83	0	48.827509	-86.938312	56149.82	56256.6	-6.55	56143.27	56137.05859	56154.03436	56119.21875	504527.5	5408283.0
L4530.1	504527.6	5408285.1	7096.70020	256.83	0	48.827529	-86.938312	56150.52	56256.6	-6.55	56143.97	56137.84375	56154.61176	56119.79297	504527.6	5408285.1
L4530.1	504527.6	5408286.9	7096.89990	257.83	0	48.827545	-86.938312	56151.23	56256.6	-6.55	56144.68	56138.63281	56155.18598	56120.36328	504527.6	5408286.9
L4530.1	504527.6	5408286.9	7097.00000	258.16	0	48.827545	-86.938312	56151.84	56256.6	-6.55	56145.29	56139.32031	56155.76435	56120.93750	504527.6	5408286.9
L4530.1	504527.6	5408288.7	7097.10010	258.88	0	48.827561	-86.938312	56152.55	56256.5	-6.55	56146.00	56140.10938	56156.33354	56121.50391	504527.6	5408288.7

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4530.1	504527.6	5408290.1	7097.20020	259.53	0	48.827574	-86.938312	56153.50	56256.5	-6.55	56146.95	56141.13672	56156.88424	56122.05078	504527.6	5408290.1
L4530.1	504527.6	5408291.6	7097.29981	253.10	0	48.827588	-86.938312	56154.34	56256.5	-6.55	56147.79	56142.05078	56157.43977	56122.60156	504527.6	5408291.6
L4530.1	504527.6	5408291.6	7097.39990	254.43	0	48.827588	-86.938312	56155.05	56256.5	-6.55	56148.50	56142.83203	56158.00148	56123.16016	504527.6	5408291.6
L4530.1	504527.6	5408293.1	7097.50000	257.43	0	48.827601	-86.938311	56155.22	56256.5	-6.54	56148.67	56143.07422	56158.59670	56123.75391	504527.6	5408293.1
L4530.1	504527.6	5408293.1	7097.60010	258.58	0	48.827601	-86.938311	56156.34	56256.5	-6.54	56149.80	56144.27344	56159.07699	56124.23047	504527.6	5408293.1
L4530.1	504527.6	5408295.4	7097.70020	258.80	0	48.827621	-86.938311	56157.20	56256.5	-6.54	56150.66	56145.20313	56159.55840	56124.71094	504527.6	5408295.4
L4530.1	504527.6	5408296.7	7097.79981	257.37	0	48.827634	-86.938311	56157.95	56256.5	-6.54	56151.40	56146.00781	56160.04330	56125.19531	504527.6	5408296.7
L4530.1	504527.6	5408298.6	7097.89990	257.19	0	48.827650	-86.938311	56158.39	56256.5	-6.54	56151.85	56146.52344	56160.53755	56125.68750	504527.6	5408298.6
L4530.1	504527.6	5408298.6	7098.00000	256.87	0	48.827650	-86.938311	56158.96	56256.5	-6.54	56152.42	56147.15625	56161.02385	56126.17188	504527.6	5408298.6
L4530.1	504527.6	5408300.1	7098.10010	255.70	0	48.827664	-86.938311	56159.98	56256.5	-6.54	56153.44	56148.23828	56161.50021	56126.64453	504527.6	5408300.1
L4530.1	504527.6	5408300.1	7098.20020	256.18	0	48.827664	-86.938311	56160.66	56256.5	-6.54	56154.12	56148.97656	56161.98876	56127.13281	504527.6	5408300.1
L4530.1	504527.6	5408302.1	7098.29981	255.93	0	48.827682	-86.938311	56161.22	56256.5	-6.54	56154.68	56149.59766	56162.48184	56127.62500	504527.6	5408302.1
L4530.1	504527.6	5408303.7	7098.39990	256.98	0	48.827696	-86.938311	56161.70	56256.5	-6.54	56155.15	56150.12500	56162.97834	56128.12109	504527.6	5408303.7
L4530.1	504527.6	5408303.7	7098.50000	259.35	0	48.827696	-86.938311	56162.68	56256.5	-6.54	56156.14	56151.16797	56163.48228	56128.62500	504527.6	5408303.7
L4530.1	504527.6	5408305.2	7098.60010	262.15	0	48.827710	-86.938311	56163.42	56256.5	-6.55	56156.88	56151.96094	56163.99313	56129.13672	504527.6	5408305.2
L4530.1	504527.6	5408306.9	7098.70020	264.00	0	48.827725	-86.938311	56164.06	56256.5	-6.55	56157.51	56152.64453	56164.50971	56129.65234	504527.6	5408306.9
L4530.1	504527.6	5408306.9	7098.70020	264.00	0	48.827725	-86.938311	56164.53	56256.5	-6.55	56157.98	56153.16406	56165.03029	56130.17188	504527.6	5408306.9
L4530.1	504527.6	5408308.7	7098.89990	264.14	0	48.827741	-86.938311	56165.26	56256.5	-6.55	56158.71	56153.94141	56165.56255	56130.70313	504527.6	5408308.7
L4530.1	504527.7	5408310.3	7099.00000	263.94	0	48.827755	-86.938311	56166.16	56256.6	-6.55	56159.61	56154.88672	56166.10535	56131.24609	504527.7	5408310.3
L4530.1	504527.7	5408310.3	7099.10010	263.58	0	48.827755	-86.938311	56166.76	56256.5	-6.55	56160.21	56155.53125	56166.64895	56131.79297	504527.7	5408310.3
L4530.1	504527.7	5408311.9	7099.20020	262.82	0	48.827770	-86.938311	56167.28	56256.5	-6.55	56160.73	56156.09375	56167.19767	56132.33984	504527.7	5408311.9
L4530.1	504527.7	5408311.9	7099.29981	261.86	0	48.827770	-86.938311	56167.78	56256.5	-6.55	56161.23	56156.63672	56167.75266	56132.89453	504527.7	5408311.9
L4530.1	504527.7	5408313.6	7099.39990	260.66	0	48.827785	-86.938310	56168.68	56256.5	-6.55	56162.13	56157.57813	56168.31610	56133.46094	504527.7	5408313.6
L4530.1	504527.7	5408315.2	7099.50000	258.97	0	48.827800	-86.938310	56169.43	56256.5	-6.54	56162.89	56158.37500	56168.88001	56134.02344	504527.7	5408315.2
L4530.1	504527.7	5408316.9	7099.60010	258.98	0	48.827815	-86.938310	56169.95	56256.5	-6.54	56163.40	56158.91797	56169.44646	56134.58984	504527.7	5408316.9
L4530.1	504527.7	5408316.9	7099.70020	258.98	0	48.827815	-86.938310	56170.50	56256.5	-6.54	56163.95	56159.50391	56170.01538	56135.16016	504527.7	5408316.9
L4530.1	504527.7	5408318.9	7099.79981	260.40	0	48.827833	-86.938310	56171.23	56256.5	-6.54	56164.69	56160.27734	56170.58116	56135.72656	504527.7	5408318.9
L4530.1	504527.7	5408318.9	7099.79981	257.97	0	48.827833	-86.938310	56171.97	56256.5	-6.54	56165.43	56161.04688	56171.14340	56136.28906	504527.7	5408318.9
L4530.1	504527.7	5408320.8	7100.00000	256.74	0	48.827850	-86.938310	56172.22	56256.5	-6.54	56165.68	56161.32422	56171.72232	56136.86719	504527.7	5408320.8
L4530.1	504527.7	5408322.2	7100.10010	256.94	0	48.827862	-86.938310	56173.16	56256.5	-6.54	56166.61	56162.28125	56172.26649	56137.41406	504527.7	5408322.2
L4530.1	504527.7	5408323.7	7100.20020	254.96	0	48.827876	-86.938310	56173.84	56256.5	-6.55	56167.29	56162.98828	56172.81483	56137.96094	504527.7	5408323.7
L4530.1	504527.7	5408323.7	7100.20020	254.96	0	48.827876	-86.938310	56174.40	56256.5	-6.55	56167.85	56163.57031	56173.33013	56138.47656	504527.7	5408323.7
L4530.1	504527.7	5408325.6	7100.39990	255.81	0	48.827893	-86.938309	56174.93	56256.6	-6.55	56168.38	56164.12109	56173.83314	56138.98047	504527.7	5408325.6
L4530.1	504527.7	5408327.2	7100.50000	255.87	0	48.827908	-86.938309	56175.57	56256.6	-6.56	56169.01	56164.77344	56174.32724	56139.47266	504527.7	5408327.2
L4530.1	504527.7	5408327.2	7100.60010	254.91	0	48.827908	-86.938309	56176.54	56256.6	-6.56	56169.99	56165.76953	56174.79575	56139.94141	504527.7	5408327.2
L4530.1	504527.7	5408328.7	7100.70020	254.80	0	48.827921	-86.938309	56176.75	56256.6	-6.56	56170.18	56165.97656	56175.31468	56140.46094	504527.7	5408328.7
L4530.1	504527.8	5408330.4	7100.70020	254.80	0	48.827936	-86.938309	56177.38	56256.6	-6.56	56170.82	56166.62891	56175.80137	56140.94922	504527.8	5408330.4
L4530.1	504527.8	5408330.4	7100.89990	255.69	0	48.827936	-86.938309	56178.12	56256.6	-6.57	56171.55	56167.37109	56176.27980	56141.42578	504527.8	5408330.4
L4530.1	504527.8	5408331.9	7101.00000	254.54	0	48.827949	-86.938309	56178.95	56256.6	-6.57	56172.38	56168.21094	56176.74931	56141.89453	504527.8	5408331.9
L4530.1	504527.8	5408333.8	7101.10010	255.69	0	48.827966	-86.938309	56179.24	56256.6	-6.57	56172.67	56168.50781	56177.25257	56142.39844	504527.8	5408333.8
L4530.1	504527.8	5408333.8	7101.20020	256.75	0	48.827966	-86.938309	56179.84	56256.6	-6.57	56173.27	56169.11719	56177.73290	56142.87891	504527.8	5408333.8
L4530.1	504527.8	5408335.0	7101.29981	255.15	0	48.827978	-86.938309	56180.76	56256.6	-6.57	56174.20	56170.05078	56178.18897	56143.33203	504527.8	5408335.0
L4530.1	504527.8	5408336.4	7101.39990	256.10	0	48.827990	-86.938309	56181.23	56256.6	-6.57	56174.67	56170.52344	56178.67345	56143.81641	504527.8	5408336.4
L4530.1	504527.8	5408336.4	7101.50000	255.96	0	48.827990	-86.938309	56181.68	56256.6	-6.56	56175.12	56170.97266	56179.15698	56144.29688	504527.8	5408336.4
L4530.1	504527.8	5408338.7	7101.60010	256.47	0	48.828011	-86.938309	56182.30	56256.6	-6.56	56175.73	56171.58203	56179.62757	56144.76953	504527.8	5408338.7
L4530.1	504527.8	5408340.2	7101.70020	254.63	0	48.828024	-86.938309	56183.28	56256.6	-6.56	56176.71	56172.55859	56180.07121	56145.21094	504527.8	5408340.2
L4530.1	504527.8	5408341.5	7101.79981	253.12	0	48.828036	-86.938309	56183.46	56256.6	-6.56	56176.90	56172.74219	56180.56521	56145.70313	504527.8	5408341.5
L4530.1	504527.8	5408341.5	7101.89990	253.72	0	48.828036	-86.938309	56184.20	56256.6	-6.56	56177.63	56173.46484	56181.02092	56146.15625	504527.8	5408341.5
L4530.1	504527.8	5408342.9	7102.00000	256.11	0	48.828049	-86.938309	56184.82	56256.6	-6.56	56178.26	56174.08594	56181.48097	56146.61328	504527.8	5408342.9
L4530.1	504527.8	5408344.9	7102.10010	257.90	0	48.828067	-86.938308	56185.61	56256.6	-6.56	56179.05	56174.86328	56181.92803	56147.05859	504527.8	5408344.9
L4530.1	504527.8	5408346.4	7102.20020	257.34	0	48.828080	-86.938308	56185.88	56256.6	-6.55	56179.33	56175.13281	56182.40674	56147.53516	504527.8	5408346.4
L4530.1	504527.8	5408346.4	7102.29981	256.71	0	48.828080	-86.938308	56186.59	56256.6	-6.55	56180.04	56175.82422	56182.85299	56147.98047	504527.8	5408346.4
L4530.1	504527.8	5408347.8	7102.39990	258.08	0	48.828093	-86.938308	56187.52	56256.5	-6.55	56180.97	56176.73828	56183.27327	56148.39844	504527.8	5408347.8
L4530.1	504527.8	5408349.0	7102.50000	255.70	0	48.828104	-86.938308	56187.66	56256.5	-6.54	56181.12	56176.87109	56183.74046	56148.85938	504527.8	5408349.0
L4530.1	504527.8	5408349.0	7102.60010	257.27	0	48.828104	-86.938308	56188.34	56256.5	-6.54	56181.79	56177.51953	56184.17625	56149.29297	504527.8	5408349.0
L4530.1	504527.8	5408350.7	7102.70020	259.08	0	48.828118	-86.938309	56189.15	56256.5	-6.54	56182.61	56178.31641	56184.60516	56149.71875	504527.8	5408350.7
L4530.1	504527.8	5408352.5	7102.70020	259.08	0	48.828135	-86.938309	56189.67	56256.5	-6.54	56183.13	56178.80859	56185.04892	56150.16016	504527.8	5408352.5
L4530.1	504527.8	5408354.4	7102.89990	260.03	0	48.828152	-86.938309	56190.04	56256.5	-6.53	56183.51	56179.16016	56185.49789	56150.60547	504527.8	5408354.4
L4530.1	504527.8	5408354.4	7103.00000	261.28	0	48.828152	-86.938309	56190.81	56256.5	-6.53	56184.28	56179.90234	56185.92949	56151.03125	504527.8	5408354.4
L4530.1	504527.8	5408355.4	7103.10010	262.53	0	48.828161	-86.938309	56191.52	56256.5	-6.53	56184.99	56180.58203	56186.36326	56151.46094	504527.8	5408355.4
L4530.1	504527.8	5408356.8	7103.20020	262.07	0	48.828173	-86.938309	56191.75	56256.5	-6.54	56185.21	56180.76563	56186.81583	56151.91016	504527.8	5408356.8
L4530.1	504527.8	5408356.8	7103.29981	260.50	0	48.828173	-86.938309	56192.61	56256.5	-6.54	56186.06	56181.58203	56187.24153	56152.33203	504527.8	5408356.8
L4530.1	504527.7	5408358.8	7103.39990	261.17	0	48.828192	-86.938309	56193.25	56256.5	-6.55	56186.70	56182.18359	56187.67374	56152.75781	504527.7	5408358.8
L4530.1	504527.7	5408360.2	7103.50000	259.77	0	48.828205	-86.938309	56193.70	56256.6	-6.55	56187.14	56182.58203	56188.11260	56153.19141	504527.7	5408360.2
L4530.1	504527.7	5408361.8	7103.60010	259.71	0	48.828219	-86.938309	56193.97	56256.6	-6.55	56187.42	56182.82031	56188.55780	56153.62891	504527.7	5408361.8
L4530.1	504527.7	5408361.8	7103.70020	262.04	0	48.828219	-86.938309	56195.07	56256.6	-6.56	56188.51	56183.86719	56188.95799	56154.02344	504527.7	5408361.8
L4530.1	504527.7	5408363.3	7103.79981	261.99	0	48.828232	-86.938309	56195.40	56256.6	-6.56	56188.84	56184.15234	56189.39525	56154.45703	504527.7	5408363.3
L4530.1	504527.8	5408364.7	7103.89990	262.07	0	48.828245	-86.938309	56195.92	56256.6	-6.57	56189.35	56184.61328	56189.81889	56154.87109	504527.8	5408364.7
L4530.1	504527.8	5408364.7	7104.00000	260.22	0	48.828245	-86.938309	56196.58	56256.6	-6.57	56190.01	56185.22266	56190.22682	56155.27344	504527.8	5408364.7
L4530.1	504527.8	5408365.9	7104.10010	259.58	0	48.828256	-86.938309	56197.34	56256.6	-6.57	56190.77	56185.92969	56190.62531	56155.66406	504527.8	5408365.9
L4530.1	504527.8	5408367.8	7104.20020	253.11	0	48.828273	-86.938309	56197.52	56256.6	-6.57	56190.95	56186.05469	56191.05967	56156.09375	504527.8	5408367.8
L4530.1	504527.8	5408369.0	7104.29981	254.35	0	48.828283	-86.938308	56198.36	56256.6	-6.57	56191.79	56186.83984	56191.44720	56156.47266	504527.8	5408369.0
L4530.1	504527.8	5408369.0	7104.39990	254.51	0	48.828283	-86.938308	56198.88	56256.6	-6.57	56192.31	56187.30078	56191.85319	56156.87109	504527.8	5408369.0
L4530.1	504527.8	5408371.0	7104.50000	255.25	0	48.828302	-86.938308	56199.39	56256.6	-6.57	56192.81	56187.73828	56192.25762	56157.26563	504527.8	5408371.0
L4530.1	504527.8	5408372.4	7104.60010	256.05	0	48.828314	-86.938308	56199.78	56256.6	-6.58	56193.20	56188.06641	56192.66645	56157.66797	504527.8	5408372.4
L4530.1	504527.8	5408372.4	7104.70020	255.40	0	48.828314	-86.938308	56200.70	56256.6	-6.58	56194.12	56188.92188	56193.03698	56158.02734	504527.8	5408372.4
L4530.1	504527.8	5408374.6	7104.70020	255.40	0	48.828334	-86.938308	56201.12	56256.6	-6.58	56194.54	56189.27344	56193.43783	56158.42188	504527.8	5408374.6
L4530.1	504527.8	5408376.2	7104.89990	253.80	0	48.828348	-86.938308	56201.48	56256.6	-6.58	56194.90	56189.56641	56193.83966	56158.81250	504527.8	5408376.2
L4530.1	504527.8	5408376.2	7105.00000	253.76	0	48.828348	-86.938308	56202.08	56256.6	-6.58	56195.50	56190.09375	56194.22241	56159.18359	504527.8	5408376.2
L4530.1	504527.8	5408377.7	7105.10010	253.28	0	48.828362	-86.938308	56202.86	56256.6	-6.58	56196.28	56190.80078	56194.59005	56159.54297	504527.8	5408377.7
L4530.1	504527.8	5408378.9	7105.20020	251.06	0	48.828373	-86.938308	56203.16	56256.6	-6.57	56196.59	56191.03516	56194.98588	56159.92969	504527.8	5408378.9
L4530.1	504527.8	5408380.7	7105.29981	252.60	0	48.828389	-86.938308	56203.68	56256.6	-6.57	56197.11	56191.47656	56195.36453	56160.29688	504527.8	5408380.7
L4530.1	504527.8	5408380.7	7105.39990	254.52	0	48.828389	-86.938308	56204.40	56256.6	-6.57	56197.83	56192.11719	56195.72663	56160.64844	504527.8	5408380.7
L4530.1	504527.8	5408382.5	7105.50000	251.79	0	48.828405	-86.938308	56204.82	56256.6	-6.57	56198.26	56192.46484	56196.10481	56161.01172	504527.8	5408382.5
L4530.1	504527.8	5408382.5	7105.60010	251.76	0	48.828405	-86.938308	56205.09	56256.6	-6.56	56198.53	56192.65234	56196.49037	56161.38672	504527.8	5408382.5
L4530.1	504527.8	5408384.3	7105.70020	251.12	0	48.828421	-86.938308	56205.71	56256.6	-6.56	56199.16	56193.19531	56196.84861	56161.73438	504527.8	5408384.3
L4530.1	504527.8	5408385.9	7105.79981	250.70	0	48.828435	-86.938308	56206.38	56256.6	-6.56	56199.83	56193.77734	56197.20081	56162.07422	504527.8	5408385.9
L4530.1	504527.8	5408385.9	7105.89990	250.12	0	48.828435	-86.938308	56206.66	56256.6	-6.55	56200.10	56193.95703	56197.57629	56162.43359	504527.8	5408385.9
L4530.1	504527.8	5408387.9	7106.00000	249.51	0	48.828454	-86.938308	56207.24	56256.6	-6.55	56200.69	56194.45703	56197.92701	56162.77344	504527.8	5408387.9
L4530.1	504527.8	5408389.5	7106.10010	248.04	0	48.828468	-86.938308	56207.93	56256.6	-6.55	56201.38	56195.05078	56198.26760	56163.09766	504527.8	5408389.5
L4530.1	504527.8	5408389.5	7106.20020	246.74	0	48.828468	-86.938308	56208.46	56256.6	-6.55	56201.91	56195.48438	56198.61535	56163.43359	504527.8	5408389.5
L4530.1	504527.8	5408391.0	7106.29981	248.87	0	48.828482	-86.938308	56208.57	56256.6	-6.55	56202.02	56195.49609	56198.98758	56163.78906	504527.8	5408391.0
L4530.1	504527.8	5408392.6	7106.39990	256.67	0	48.828496	-86.938308	56209.23	56256.6	-6.55	56202.68	56196.05859	56199.31957	56164.10547	504527.8	5408392.6

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4530.1	504527.8	5408394.4	7106.50000	259.32	0	48.828512	-86.938308	56209.86	56256.6	-6.55	56203.31	56196.58594	56199.64998	56164.42188	504527.8	5408394.4
L4530.1	504527.8	5408394.4	7106.60010	259.40	0	48.828512	-86.938308	56210.22	56256.6	-6.55	56203.67	56196.83984	56199.99935	56164.75781	504527.8	5408394.4
L4530.1	504527.8	5408396.2	7106.70020	259.76	0	48.828529	-86.938308	56210.44	56256.6	-6.55	56203.89	56196.95313	56200.38653	56165.12891	504527.8	5408396.2
L4530.1	504527.8	5408397.6	7106.70020	259.76	0	48.828541	-86.938308	56211.13	56256.6	-6.55	56204.57	56197.52734	56200.74596	56165.46875	504527.8	5408397.6
L4530.1	504527.8	5408399.2	7106.89990	262.13	0	48.828555	-86.938308	56211.71	56256.6	-6.55	56205.16	56198.00781	56201.10965	56165.81641	504527.8	5408399.2
L4530.1	504527.8	5408399.2	7107.00000	261.60	0	48.828555	-86.938308	56211.73	56256.6	-6.55	56205.18	56197.91406	56201.48539	56166.17578	504527.8	5408399.2
L4530.1	504527.8	5408399.2	7107.10010	260.81	0	48.828555	-86.938308	56212.22	56256.6	-6.55	56205.67	56198.29297	56201.84116	56166.51172	504527.8	5408399.2
L4530.1	504527.8	5408401.2	7107.20020	262.41	0	48.828573	-86.938308	56212.84	56256.6	-6.55	56206.29	56198.79688	56202.19050	56166.84375	504527.8	5408401.2
L4530.1	504527.8	5408403.1	7107.29981	261.68	0	48.828591	-86.938308	56213.21	56256.6	-6.55	56206.65	56199.03906	56202.53587	56167.16797	504527.8	5408403.1
L4530.1	504527.8	5408403.1	7107.39990	259.51	0	48.828591	-86.938308	56213.40	56256.6	-6.55	56206.84	56199.10938	56202.87223	56167.48828	504527.8	5408403.1
L4530.1	504527.8	5408405.0	7107.50000	259.54	0	48.828608	-86.938308	56213.78	56256.6	-6.56	56207.22	56199.36719	56203.19944	56167.79297	504527.8	5408405.0
L4530.1	504527.8	5408406.8	7107.60010	260.76	0	48.828623	-86.938308	56214.44	56256.6	-6.56	56207.88	56199.90625	56203.51941	56168.09375	504527.8	5408406.8
L4530.1	504527.8	5408406.8	7107.70020	258.40	0	48.828623	-86.938308	56214.72	56256.6	-6.56	56208.16	56200.06250	56203.82790	56168.38281	504527.8	5408406.8
L4530.1	504527.8	5408408.0	7107.79981	258.37	0	48.828635	-86.938308	56214.74	56256.6	-6.56	56208.18	56199.95313	56204.12585	56168.66016	504527.8	5408408.0
L4530.1	504527.7	5408409.5	7107.89990	260.29	0	48.828648	-86.938308	56215.38	56256.6	-6.56	56208.82	56200.46484	56204.41958	56168.92969	504527.7	5408409.5
L4530.1	504527.7	5408411.4	7108.00000	260.19	0	48.828665	-86.938309	56215.72	56256.6	-6.56	56209.16	56200.67578	56204.70419	56169.19141	504527.7	5408411.4
L4530.1	504527.7	5408411.4	7108.10010	260.06	0	48.828665	-86.938309	56216.07	56256.6	-6.56	56209.51	56200.89453	56204.98249	56169.44922	504527.7	5408411.4
L4530.1	504527.7	5408413.4	7108.20020	262.21	0	48.828683	-86.938309	56216.06	56256.6	-6.56	56209.50	56200.75391	56205.25715	56169.69922	504527.7	5408413.4
L4530.1	504527.7	5408413.4	7108.29981	261.80	0	48.828683	-86.938309	56216.48	56256.6	-6.56	56209.92	56201.03906	56205.52608	56169.94531	504527.7	5408413.4
L4530.1	504527.7	5408414.9	7108.39990	262.40	0	48.828697	-86.938309	56216.87	56256.6	-6.56	56210.31	56201.29297	56205.79080	56170.18359	504527.7	5408414.9
L4530.1	504527.7	5408416.8	7108.50000	262.94	0	48.828714	-86.938309	56217.35	56256.6	-6.56	56210.79	56201.63281	56206.05055	56170.42188	504527.7	5408416.8
L4530.1	504527.7	5408417.8	7108.60010	263.09	0	48.828723	-86.938310	56217.45	56256.6	-6.55	56210.89	56201.59375	56206.31387	56170.65625	504527.7	5408417.8
L4530.1	504527.7	5408417.8	7108.70020	260.56	0	48.828723	-86.938310	56217.42	56256.6	-6.55	56210.87	56201.43359	56206.57851	56170.89844	504527.7	5408417.8
L4530.1	504527.6	5408420.2	7108.70020	260.56	0	48.828744	-86.938310	56218.09	56256.6	-6.55	56211.53	56201.95313	56206.82581	56171.11719	504527.6	5408420.2
L4530.1	504527.6	5408421.4	7108.89990	256.64	0	48.828754	-86.938310	56218.21	56256.6	-6.55	56211.66	56201.93750	56207.08264	56171.34766	504527.6	5408421.4
L4530.1	504527.6	5408421.4	7109.00000	256.04	0	48.828754	-86.938310	56218.50	56256.6	-6.55	56211.95	56202.08594	56207.33259	56171.57031	504527.6	5408421.4
L4530.1	504527.6	5408423.0	7109.10010	256.56	0	48.828770	-86.938310	56218.37	56256.6	-6.55	56211.81	56201.79688	56207.59206	56171.80078	504527.6	5408423.0
L4530.1	504527.6	5408424.7	7109.20020	257.30	0	48.828785	-86.938310	56218.63	56256.6	-6.55	56212.08	56201.92188	56207.83550	56172.01563	504527.6	5408424.7
L4530.1	504527.6	5408424.7	7109.29981	256.96	0	48.828785	-86.938310	56219.08	56256.6	-6.56	56212.52	56202.21094	56208.06825	56172.21875	504527.6	5408424.7
L4530.1	504527.6	5408426.3	7109.39990	257.97	0	48.828799	-86.938311	56218.91	56256.6	-6.56	56212.35	56201.89063	56208.31872	56172.44141	504527.6	5408426.3
L4530.1	504527.5	5408427.9	7109.50000	258.50	0	48.828813	-86.938311	56218.98	56256.6	-6.56	56212.42	56201.81250	56208.55688	56172.64844	504527.5	5408427.9
L4530.1	504527.5	5408427.9	7109.60010	257.49	0	48.828813	-86.938311	56219.20	56256.6	-6.56	56212.64	56201.87891	56208.78491	56172.84375	504527.5	5408427.9
L4530.1	504527.5	5408429.5	7109.70020	260.09	0	48.828828	-86.938311	56219.47	56256.6	-6.56	56212.90	56201.98438	56209.00693	56173.03516	504527.5	5408429.5
L4530.1	504527.5	5408431.2	7109.79981	259.84	0	48.828843	-86.938311	56219.52	56256.6	-6.57	56212.95	56201.88281	56209.23631	56173.23047	504527.5	5408431.2
L4530.1	504527.5	5408431.2	7109.89990	260.79	0	48.828843	-86.938311	56219.29	56256.6	-6.57	56212.72	56201.49609	56209.48011	56173.44141	504527.5	5408431.2
L4530.1	504527.5	5408433.2	7110.00000	258.92	0	48.828861	-86.938312	56219.65	56256.6	-6.57	56213.08	56201.69922	56209.68857	56173.61719	504527.5	5408433.2
L4530.1	504527.5	5408434.7	7110.10010	259.44	0	48.828875	-86.938312	56219.76	56256.6	-6.57	56213.19	56201.65234	56209.91023	56173.80469	504527.5	5408434.7
L4530.1	504527.5	5408434.7	7110.20020	260.24	0	48.828875	-86.938312	56219.60	56256.6	-6.57	56213.03	56201.33203	56210.15368	56174.01172	504527.5	5408434.7
L4530.1	504527.4	5408436.5	7110.29981	260.57	0	48.828891	-86.938312	56219.65	56256.6	-6.57	56213.08	56201.22266	56210.38510	56174.20703	504527.4	5408436.5
L4530.1	504527.4	5408437.9	7110.39990	257.78	0	48.828903	-86.938313	56219.68	56256.6	-6.57	56213.11	56201.09375	56210.61503	56174.40234	504527.4	5408437.9
L4530.1	504527.4	5408437.9	7110.50000	255.31	0	48.828903	-86.938313	56219.75	56256.6	-6.57	56213.18	56201.00391	56210.83959	56174.58984	504527.4	5408437.9
L4530.1	504527.4	5408439.1	7110.60010	256.35	0	48.828914	-86.938313	56219.80	56256.6	-6.56	56213.24	56200.90234	56211.06220	56174.77344	504527.4	5408439.1
L4530.1	504527.4	5408441.1	7110.70020	257.10	0	48.828932	-86.938313	56219.47	56256.6	-6.56	56212.91	56200.41016	56211.30830	56174.98438	504527.4	5408441.1
L4530.1	504527.4	5408441.1	7110.70020	257.10	0	48.828932	-86.938313	56219.54	56256.6	-6.56	56212.97	56200.30859	56211.52599	56175.16016	504527.4	5408441.1
L4530.1	504527.4	5408442.7	7110.89990	252.93	0	48.828946	-86.938313	56219.47	56256.6	-6.56	56212.91	56200.08594	56211.74939	56175.34766	504527.4	5408442.7
L4530.1	504527.4	5408444.0	7111.00000	250.91	0	48.828958	-86.938313	56219.68	56256.6	-6.56	56213.12	56200.12891	56211.95260	56175.50781	504527.4	5408444.0
L4530.1	504527.4	5408445.4	7111.10010	253.38	0	48.828971	-86.938313	56219.47	56256.6	-6.56	56212.91	56199.75781	56212.18174	56175.69531	504527.4	5408445.4
L4530.1	504527.4	5408445.4	7111.20020	253.67	0	48.828971	-86.938313	56219.16	56256.6	-6.56	56212.60	56199.28125	56212.41561	56175.89063	504527.4	5408445.4
L4530.1	504527.4	5408447.1	7111.29981	255.19	0	48.828986	-86.938313	56219.27	56256.6	-6.56	56212.71	56199.22656	56212.61965	56176.05078	504527.4	5408447.1
L4530.1	504527.4	5408448.2	7111.39990	255.42	0	48.828996	-86.938313	56219.29	56256.6	-6.56	56212.73	56199.08203	56212.82799	56176.21484	504527.4	5408448.2
L4530.1	504527.4	5408450.0	7111.50000	256.87	0	48.829012	-86.938313	56219.12	56256.6	-6.56	56212.56	56198.74609	56213.04742	56176.39063	504527.4	5408450.0
L4530.1	504527.4	5408450.0	7111.60010	257.50	0	48.829012	-86.938313	56218.75	56256.6	-6.56	56212.19	56198.21094	56213.27876	56176.57813	504527.4	5408450.0
L4530.1	504527.4	5408451.4	7111.70020	257.87	0	48.829025	-86.938313	56218.58	56256.6	-6.56	56212.02	56197.87500	56213.49546	56176.75000	504527.4	5408451.4
L4530.1	504527.4	5408452.9	7111.79981	259.30	0	48.829039	-86.938313	56218.59	56256.6	-6.56	56212.03	56197.71875	56213.69898	56176.90625	504527.4	5408452.9
L4530.1	504527.4	5408454.1	7111.89990	258.74	0	48.829049	-86.938313	56218.63	56256.6	-6.56	56212.07	56197.59375	56213.89454	56177.05469	504527.4	5408454.1
L4530.1	504527.4	5408454.1	7112.00000	258.78	0	48.829049	-86.938313	56218.24	56256.6	-6.56	56211.68	56197.03516	56214.11171	56177.22656	504527.4	5408454.1
L4530.1	504527.4	5408455.5	7112.10010	258.48	0	48.829062	-86.938313	56218.14	56256.6	-6.56	56211.58	56196.76953	56214.30727	56177.37109	504527.4	5408455.5
L4530.1	504527.3	5408457.2	7112.20020	259.06	0	48.829077	-86.938313	56217.84	56256.6	-6.56	56211.28	56196.30469	56214.51077	56177.52734	504527.3	5408457.2
L4530.1	504527.3	5408458.8	7112.29981	258.65	0	48.829091	-86.938313	56217.98	56256.6	-6.56	56211.42	56196.27734	56214.69029	56177.65625	504527.3	5408458.8
L4530.1	504527.3	5408458.8	7112.39990	258.59	0	48.829091	-86.938313	56217.68	56256.6	-6.56	56211.12	56195.81250	56214.89097	56177.80469	504527.3	5408458.8
L4530.1	504527.3	5408461.0	7112.50000	259.06	0	48.829112	-86.938313	56217.53	56256.6	-6.56	56210.97	56195.49609	56215.08523	56177.94922	504527.3	5408461.0
L4530.1	504527.3	5408462.8	7112.60010	259.39	0	48.829128	-86.938314	56217.20	56256.6	-6.56	56210.64	56195.00391	56215.28893	56178.09766	504527.3	5408462.8
L4530.1	504527.3	5408462.8	7112.70020	259.19	0	48.829128	-86.938314	56217.27	56256.6	-6.56	56210.71	56194.91016	56215.47921	56178.23438	504527.3	5408462.8
L4530.1	504527.3	5408464.2	7112.70020	259.19	0	48.829140	-86.938314	56217.09	56256.6	-6.56	56210.53	56194.56641	56215.68434	56178.38672	504527.3	5408464.2
L4530.1	504527.3	5408466.0	7112.89990	258.63	0	48.829156	-86.938314	56216.66	56256.6	-6.56	56210.10	56193.97266	56215.90597	56178.55469	504527.3	5408466.0
L4530.1	504527.3	5408467.8	7113.00000	259.22	0	48.829172	-86.938314	56216.66	56256.6	-6.56	56210.10	56193.80859	56216.11579	56178.70703	504527.3	5408467.8
L4530.1	504527.3	5408467.8	7113.10010	258.79	0	48.829172	-86.938314	56216.45	56256.6	-6.56	56209.88	56193.42578	56216.34251	56178.87891	504527.3	5408467.8
L4530.1	504527.3	5408469.1	7113.20020	258.14	0	48.829184	-86.938314	56216.59	56256.6	-6.56	56210.02	56193.40625	56216.55913	56179.03516	504527.3	5408469.1
L4530.1	504527.3	5408469.1	7113.29981	257.13	0	48.829184	-86.938314	56216.26	56256.6	-6.57	56209.69	56192.91406	56216.80915	56179.22656	504527.3	5408469.1
L4530.1	504527.3	5408470.8	7113.39990	256.17	0	48.829199	-86.938314	56216.17	56256.6	-6.57	56209.60	56192.66406	56217.05540	56179.41406	504527.3	5408470.8
L4530.1	504527.3	5408472.4	7113.50000	257.92	0	48.829214	-86.938314	56216.03	56256.6	-6.57	56209.46	56192.36328	56217.30171	56179.59766	504527.3	5408472.4
L4530.1	504527.3	5408474.1	7113.60010	258.66	0	48.829229	-86.938314	56215.71	56256.6	-6.57	56209.14	56191.88672	56217.53081	56179.76563	504527.3	5408474.1
L4530.1	504527.3	5408474.1	7113.70020	257.91	0	48.829229	-86.938314	56215.77	56256.6	-6.57	56209.20	56191.78906	56217.73612	56179.91016	504527.3	5408474.1
L4530.1	504527.3	5408475.6	7113.79981	258.08	0	48.829243	-86.938314	56215.79	56256.6	-6.58	56209.21	56191.64453	56217.94646	56180.05859	504527.3	5408475.6
L4530.1	504527.3	5408477.1	7113.89990	256.36	0	48.829256	-86.938314	56215.57	56256.6	-6.58	56208.99	56191.26563	56218.17395	56180.21875	504527.3	5408477.1
L4530.1	504527.3	5408477.1	7114.00000	256.99	0	48.829256	-86.938314	56215.54	56256.6	-6.58	56208.96	56191.08203	56218.39072	56180.37109	504527.3	5408477.1
L4530.1	504527.2	5408478.8	7114.10010	258.71	0	48.829271	-86.938314	56215.29	56256.6	-6.58	56208.71	56190.67969	56218.62423	56180.53906	504527.2	5408478.8
L4530.1	504527.2	5408478.8	7114.20020	257.42	0	48.829271	-86.938314	56215.33	56256.6	-6.58	56208.75	56190.57031	56218.84059	56180.68750	504527.2	5408478.8
L4530.1	504527.2	5408480.9	7114.29981	253.49	0	48.829290	-86.938315	56215.54	56256.6	-6.58	56208.95	56190.61719	56219.04860	56180.82813	504527.2	5408480.9
L4530.1	504527.2	5408482.4	7114.39990	251.77	0	48.829304	-86.938315	56215.12	56256.6	-6.58	56208.53	56190.05078	56219.30037	56181.00781	504527.2	5408482.4
L4530.1	504527.2	5408483.9	7114.50000	253.61	0	48.829317	-86.938315	56215.10	56256.6	-6.58	56208.52	56189.89063	56219.52734	56181.16406	504527.2	5408483.9
L4530.1	504527.2	5408483.9	7114.60010	252.41	0	48.829317	-86.938315	56215.07	56256.6	-6.59	56208.49	56189.71484	56219.75829	56181.32422	504527.2	5408483.9
L4530.1	504527.2	5408486.3	7114.70020	252.86	0	48.829339	-86.938315	56215.28	56256.6	-6.59	56208.69	56189.77344	56219.97665	56181.47266	504527.2	5408486.3
L4530.1	504527.2	5408487.8	7114.70020	252.86	0	48.829352	-86.938315	56215.34	56256.6	-6.59	56208.75	56189.68750	56220.20717	56181.62891	504527.2	5408487.8
L4530.1	504527.2	5408489.3	7114.89990	253.05	0	48.829366	-86.938315	56215.02	56256.6	-6.59	56208.43	56189.22656	56220.46597	56181.81250	504527.2	5408489.3
L4530.1	504527.2	5408489.3	7115.00000	252.55	0	48.829366	-86.938315	56215.18	56256.6	-6.59	56208.59	56189.24609	56220.69578	56181.96484	504527.2	5408489.3
L4530.1	504527.2	5408491.0	7115.10010	253.61	0	48.829381	-86.938315	56215.46	56256.6	-6.59	56208.87	56189.39063	56220.92070	56182.11328	504527.2	5408491.0
L4530.1	504527.2	5408491.0	7115.20020	255.58	0	48.829381	-86.938315	56215.51	56256.6	-6.59	56208.92	56189.30469	56221.16414	56182.28125	504527.2	5408491.0
L4530.1	504527.2	5408492.6	7115.29981	256.18	0	48.829396	-86.938315	56215.51	56256.6	-6.59	56208.92	56189.16797	56221.41416	56182.44922	504527.2	5408492.6
L4530.1	504527.2	5408494.1	7115.39990	254.20	0	48.829409	-86.938315	56215.54	56256.6	-6.59	56208.95	56189.06641	56221.66550	56182.62109	504527.2	5408494.1
L4530.1	504527.2	5408494.1	7115.50000	254.15	0	48.829409	-86.938315	56215.79	56256.6	-6.60	56209.19	56189.17578	56221.90622	56182.78125	504527.2	5408494.1
L4530.1	504527.2	5408496.0	7115.60010	254.55	0	48.829426	-86.938315	56216.08	56256.6	-6.60	56209.48	56189.33984	56222.14705	56182.93750	504527.2	5408496.0
L4530.1	504527.2	5408497.8	7115.70020	253.99	0	48.829442	-86.938315	56216.23	56256.6	-6.60	56209.63	56189.36328	56222.40070	56183.10938	504527.2	5408497.8

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4530.1	504527.1	5408499.5	7115.79981	252.50	0	48.829457	-86.938316	56216.07	56256.6	-6.60	56209.47	56189.07813	56222.67855	56183.30078	504527.1	5408499.5
L4530.1	504527.1	5408499.5	7115.89990	253.78	0	48.829457	-86.938316	56216.18	56256.6	-6.60	56209.58	56189.06641	56222.94197	56183.47656	504527.1	5408499.5
L4530.1	504527.1	5408501.1	7116.00000	253.97	0	48.829472	-86.938316	56216.62	56256.6	-6.60	56210.02	56189.38672	56223.18699	56183.63672	504527.1	5408501.1
L4530.1	504527.1	5408501.1	7116.10010	255.22	0	48.829472	-86.938316	56217.07	56256.6	-6.60	56210.46	56189.70703	56223.43564	56183.79688	504527.1	5408501.1
L4530.1	504527.1	5408503.0	7116.20020	253.63	0	48.829489	-86.938316	56216.96	56256.6	-6.60	56210.36	56189.49219	56223.72394	56183.99609	504527.1	5408503.0
L4530.1	504527.1	5408504.4	7116.29981	255.05	0	48.829502	-86.938316	56217.26	56256.6	-6.60	56210.65	56189.66797	56223.98991	56184.16797	504527.1	5408504.4
L4530.1	504527.1	5408504.4	7116.39990	257.39	0	48.829502	-86.938316	56217.41	56256.6	-6.60	56210.81	56189.71484	56224.26821	56184.35547	504527.1	5408504.4
L4530.1	504527.1	5408506.4	7116.50000	256.13	0	48.829519	-86.938316	56218.16	56256.6	-6.60	56211.56	56190.35938	56224.51085	56184.50391	504527.1	5408506.4
L4530.1	504527.0	5408508.0	7116.60010	254.86	0	48.829534	-86.938317	56218.29	56256.6	-6.61	56211.68	56190.37109	56224.79916	56184.69531	504527.0	5408508.0
L4530.1	504527.0	5408508.0	7116.70020	252.77	0	48.829534	-86.938317	56218.53	56256.6	-6.61	56211.92	56190.50781	56225.08312	56184.88672	504527.0	5408508.0
L4530.1	504527.0	5408509.4	7116.70020	252.77	0	48.829547	-86.938317	56218.95	56256.6	-6.61	56212.34	56190.82813	56225.35873	56185.06250	504527.0	5408509.4
L4530.1	504527.0	5408510.8	7116.89990	255.14	0	48.829559	-86.938317	56219.39	56256.6	-6.61	56212.79	56191.17578	56225.63595	56185.24219	504527.0	5408510.8
L4530.1	504527.0	5408510.8	7117.00000	255.26	0	48.829559	-86.938317	56219.90	56256.6	-6.61	56213.29	56191.58203	56225.91343	56185.41797	504527.0	5408510.8
L4530.1	504527.0	5408512.7	7117.10010	257.05	0	48.829576	-86.938317	56220.00	56256.6	-6.61	56213.40	56191.59766	56226.22046	56185.62500	504527.0	5408512.7
L4530.1	504527.0	5408514.2	7117.20020	257.45	0	48.829589	-86.938317	56220.52	56256.6	-6.61	56213.91	56192.01563	56226.50433	56185.80469	504527.0	5408514.2
L4530.1	504527.0	5408515.3	7117.29981	255.42	0	48.829600	-86.938317	56221.16	56256.6	-6.61	56214.55	56192.56641	56226.78300	56185.98047	504527.0	5408515.3
L4530.1	504527.0	5408515.3	7117.39990	253.55	0	48.829600	-86.938317	56221.73	56256.6	-6.61	56215.13	56193.06250	56227.06908	56186.16016	504527.0	5408515.3
L4530.1	504527.0	5408517.0	7117.50000	254.41	0	48.829615	-86.938317	56222.02	56256.6	-6.60	56215.42	56193.26953	56227.37785	56186.36328	504527.0	5408517.0
L4530.1	504527.1	5408518.8	7117.60010	253.89	0	48.829631	-86.938316	56222.48	56256.6	-6.60	56215.87	56193.63672	56227.67923	56186.55469	504527.1	5408518.8
L4530.1	504527.1	5408519.7	7117.70020	253.28	0	48.829640	-86.938316	56223.20	56256.6	-6.60	56216.59	56194.28125	56227.96583	56186.73047	504527.1	5408519.7
L4530.1	504527.1	5408519.7	7117.79981	251.65	0	48.829640	-86.938316	56223.90	56256.6	-6.60	56217.30	56194.91406	56228.25624	56186.91016	504527.1	5408519.7
L4530.1	504527.1	5408521.2	7117.89990	251.90	0	48.829652	-86.938316	56224.11	56256.6	-6.60	56217.51	56195.05078	56228.58305	56187.12500	504527.1	5408521.2
L4530.1	504527.1	5408522.6	7118.00000	256.32	0	48.829665	-86.938316	56224.91	56256.6	-6.60	56218.31	56195.78125	56228.87349	56187.30078	504527.1	5408522.6
L4530.1	504527.1	5408524.0	7118.10010	256.91	0	48.829678	-86.938316	56225.54	56256.6	-6.60	56218.94	56196.34375	56229.17815	56187.49219	504527.1	5408524.0
L4530.1	504527.1	5408524.0	7118.20020	256.75	0	48.829678	-86.938316	56225.77	56256.6	-6.60	56219.17	56196.51172	56229.51227	56187.71094	504527.1	5408524.0
L4530.1	504527.1	5408525.6	7118.29981	258.72	0	48.829693	-86.938316	56226.66	56256.6	-6.60	56220.06	56197.33984	56229.80508	56187.88281	504527.1	5408525.6
L4530.1	504527.1	5408527.4	7118.39990	257.63	0	48.829709	-86.938316	56227.41	56256.6	-6.60	56220.81	56198.03125	56230.10982	56188.07031	504527.1	5408527.4
L4530.1	504527.1	5408528.5	7118.50000	256.46	0	48.829719	-86.938316	56227.71	56256.6	-6.60	56221.11	56198.27734	56230.44703	56188.28516	504527.1	5408528.5
L4530.1	504527.1	5408528.5	7118.60010	255.83	0	48.829719	-86.938316	56228.53	56256.6	-6.60	56221.93	56199.04297	56230.75194	56188.46875	504527.1	5408528.5
L4530.1	504527.1	5408529.6	7118.70020	257.86	0	48.829729	-86.938316	56229.19	56256.6	-6.60	56222.59	56199.65234	56231.06976	56188.66406	504527.1	5408529.6
L4530.1	504527.1	5408530.7	7118.70020	257.86	0	48.829739	-86.938316	56229.65	56256.6	-6.60	56223.05	56200.06641	56231.40306	56188.87109	504527.1	5408530.7
L4530.1	504527.1	5408532.3	7118.89990	256.32	0	48.829752	-86.938316	56230.70	56256.6	-6.60	56224.10	56201.07422	56231.69903	56189.03906	504527.1	5408532.3
L4530.1	504527.1	5408533.7	7119.00000	255.68	0	48.829765	-86.938316	56231.36	56256.6	-6.60	56224.76	56201.69141	56232.02289	56189.23828	504527.1	5408533.7
L4530.1	504527.1	5408533.7	7119.10010	258.43	0	48.829765	-86.938316	56232.00	56256.6	-6.60	56225.39	56202.28516	56232.35051	56189.43359	504527.1	5408533.7
L4530.1	504527.1	5408535.2	7119.20020	258.06	0	48.829778	-86.938316	56232.66	56256.6	-6.60	56226.06	56202.91797	56232.67709	56189.62891	504527.1	5408535.2
L4530.1	504527.1	5408536.5	7119.29981	255.76	0	48.829790	-86.938316	56233.38	56256.6	-6.61	56226.77	56203.59766	56233.00250	56189.82422	504527.1	5408536.5
L4530.1	504527.1	5408536.5	7119.39990	255.48	0	48.829790	-86.938316	56234.29	56256.6	-6.61	56227.68	56204.47656	56233.31594	56190.00391	504527.1	5408536.5
L4530.1	504527.1	5408538.0	7119.50000	256.65	0	48.829804	-86.938316	56234.93	56256.6	-6.61	56228.32	56205.08984	56233.64861	56190.19922	504527.1	5408538.0
L4530.1	504527.1	5408539.4	7119.60010	256.27	0	48.829816	-86.938316	56235.68	56256.6	-6.61	56229.07	56205.81641	56233.97503	56190.39063	504527.1	5408539.4
L4530.1	504527.1	5408540.6	7119.70020	256.88	0	48.829828	-86.938316	56236.28	56256.6	-6.61	56229.66	56206.38672	56234.31307	56190.58984	504527.1	5408540.6
L4530.1	504527.1	5408540.6	7119.79981	256.65	0	48.829828	-86.938316	56237.18	56256.6	-6.62	56230.56	56207.26563	56234.63125	56190.76953	504527.1	5408540.6
L4530.1	504527.1	5408542.0	7119.89990	257.16	0	48.829840	-86.938315	56237.77	56256.6	-6.62	56231.15	56207.84375	56234.97077	56190.96875	504527.1	5408542.0
L4530.1	504527.1	5408542.0	7120.00000	255.32	0	48.829840	-86.938315	56238.73	56256.6	-6.62	56232.11	56208.78906	56235.28615	56191.14063	504527.1	5408542.0
L4530.1	504527.1	5408543.4	7120.10010	254.12	0	48.829853	-86.938315	56239.13	56256.6	-6.62	56232.50	56209.17188	56235.63993	56191.35156	504527.1	5408543.4
L4530.1	504527.1	5408544.7	7120.20020	254.09	0	48.829864	-86.938315	56240.32	56256.6	-6.62	56233.70	56210.36328	56235.93994	56191.50391	504527.1	5408544.7
L4530.1	504527.1	5408545.9	7120.29981	254.68	0	48.829875	-86.938315	56240.44	56256.6	-6.62	56233.82	56210.48047	56236.31207	56191.73047	504527.1	5408545.9
L4530.1	504527.2	5408547.1	7120.39990	253.45	0	48.829885	-86.938315	56241.72	56256.6	-6.62	56235.10	56211.76172	56236.60683	56191.87891	504527.2	5408547.1
L4530.1	504527.2	5408547.1	7120.50000	254.06	0	48.829885	-86.938315	56242.11	56256.6	-6.62	56235.49	56212.15234	56236.96075	56192.08203	504527.2	5408547.1
L4530.1	504527.2	5408548.4	7120.60010	254.85	0	48.829898	-86.938314	56242.95	56256.6	-6.62	56236.32	56212.98828	56237.28503	56192.25391	504527.2	5408548.4
L4530.1	504527.2	5408549.9	7120.70020	255.46	0	48.829911	-86.938314	56243.90	56256.6	-6.62	56237.28	56213.95313	56237.60019	56192.41797	504527.2	5408549.9
L4530.1	504527.2	5408549.9	7120.70020	255.46	0	48.829911	-86.938314	56244.27	56256.6	-6.62	56237.65	56214.33594	56237.95410	56192.61719	504527.2	5408549.9
L4530.1	504527.2	5408551.1	7120.89990	257.74	0	48.829922	-86.938313	56245.35	56256.6	-6.62	56238.73	56215.42969	56238.25995	56192.76953	504527.2	5408551.1
L4530.1	504527.3	5408552.2	7121.00000	258.49	0	48.829931	-86.938313	56245.55	56256.6	-6.62	56238.93	56215.64453	56238.62363	56192.97656	504527.3	5408552.2
L4530.1	504527.3	5408553.3	7121.10010	257.28	0	48.829941	-86.938313	56246.52	56256.6	-6.62	56239.90	56216.63281	56238.93498	56193.12891	504527.3	5408553.3
L4530.1	504527.3	5408553.3	7121.20020	255.87	0	48.829941	-86.938313	56247.16	56256.6	-6.62	56240.53	56217.28516	56239.26789	56193.30469	504527.3	5408553.3
L4530.1	504527.3	5408554.6	7121.29981	256.89	0	48.829953	-86.938312	56247.70	56256.6	-6.62	56241.08	56217.85938	56239.60490	56193.48047	504527.3	5408554.6
L4530.1	504527.3	5408554.6	7121.39990	257.34	0	48.829953	-86.938312	56248.59	56256.6	-6.62	56241.96	56218.76563	56239.91855	56193.63281	504527.3	5408554.6
L4530.1	504527.4	5408556.0	7121.50000	254.90	0	48.829966	-86.938312	56249.43	56256.6	-6.63	56242.80	56219.63281	56240.23338	56193.78516	504527.4	5408556.0
L4530.1	504527.4	5408557.4	7121.60010	255.48	0	48.829978	-86.938311	56249.89	56256.6	-6.63	56243.27	56220.13672	56240.57128	56193.95703	504527.4	5408557.4
L4530.1	504527.4	5408558.3	7121.70020	255.22	0	48.829986	-86.938311	56250.46	56256.6	-6.63	56243.84	56220.73828	56240.90080	56194.12109	504527.4	5408558.3
L4530.1	504527.4	5408558.3	7121.79981	258.20	0	48.829986	-86.938311	56251.37	56256.6	-6.63	56244.74	56221.67578	56241.21966	56194.27344	504527.4	5408558.3
L4530.1	504527.4	5408559.4	7121.89990	260.27	0	48.829996	-86.938311	56252.02	56256.6	-6.63	56245.39	56222.36719	56241.55712	56194.44141	504527.4	5408559.4
L4530.1	504527.4	5408559.4	7122.00000	258.80	0	48.829996	-86.938311	56252.56	56256.6	-6.63	56245.93	56222.94922	56241.89959	56194.61328	504527.4	5408559.4
L4530.1	504527.5	5408561.5	7122.10010	259.29	0	48.830016	-86.938310	56253.00	56256.6	-6.63	56246.37	56223.43359	56242.24474	56194.78516	504527.5	5408561.5
L4530.1	504527.5	5408561.5	7122.20020	258.77	0	48.830016	-86.938310	56253.72	56256.6	-6.63	56247.09	56224.19922	56242.57308	56194.94141	504527.5	5408561.5
L4530.1	504527.5	5408562.4	7122.29981	259.23	0	48.830023	-86.938310	56254.38	56256.6	-6.63	56247.75	56224.91016	56242.90196	56195.09766	504527.5	5408562.4
L4530.1	504527.5	5408563.5	7122.39990	260.68	0	48.830033	-86.938310	56254.91	56256.6	-6.63	56248.28	56225.49219	56243.23353	56195.25391	504527.5	5408563.5
L4530.1	504527.5	5408563.5	7122.50000	259.64	0	48.830033	-86.938310	56255.36	56256.6	-6.63	56248.73	56225.99609	56243.56474	56195.41016	504527.5	5408563.5
L4530.1	504527.5	5408564.4	7122.60010	259.74	0	48.830042	-86.938310	56255.81	56256.6	-6.63	56249.18	56226.50000	56243.89186	56195.55859	504527.5	5408564.4
L4530.1	504527.6	5408565.8	7122.70020	256.83	0	48.830054	-86.938309	56256.47	56256.6	-6.63	56249.84	56227.21875	56244.20653	56195.69531	504527.6	5408565.8
L4530.1	504527.6	5408565.8	7122.70020	256.83	0	48.830054	-86.938309	56257.09	56256.6	-6.63	56250.46	56227.90234	56244.51876	56195.82813	504527.6	5408565.8
L4530.1	504527.6	5408566.5	7122.89990	257.43	0	48.830060	-86.938309	56257.57	56256.6	-6.63	56250.94	56228.44531	56244.83223	56195.96094	504527.6	5408566.5
L4530.1	504527.6	5408567.3	7123.00000	258.72	0	48.830067	-86.938309	56258.00	56256.6	-6.63	56251.37	56228.93750	56245.14343	56196.08984	504527.6	5408567.3
L4530.1	504527.6	5408568.3	7123.10010	258.19	0	48.830076	-86.938309	56258.77	56256.6	-6.63	56252.14	56229.77734	56245.43743	56196.19922	504527.6	5408568.3
L4530.1	504527.6	5408568.3	7123.20020	258.51	0	48.830076	-86.938309	56259.17	56256.6	-6.63	56252.54	56230.24609	56245.74184	56196.32031	504527.6	5408568.3
L4530.1	504527.6	5408569.3	7123.29981	258.99	0	48.830086	-86.938308	56259.38	56256.6	-6.63	56252.76	56230.53906	56246.04977	56196.44141	504527.6	5408569.3
L4530.1	504527.6	5408570.3	7123.39990	258.64	0	48.830094	-86.938308	56259.66	56256.6	-6.63	56253.04	56230.89063	56246.35222	56196.55859	504527.6	5408570.3
L4530.1	504527.6	5408570.3	7123.50000	257.75	0	48.830094	-86.938308	56260.18	56256.6	-6.63	56253.55	56231.47656	56246.64234	56196.66016	504527.6	5408570.3
L4530.1	504527.7	5408571.4	7123.60010	258.08	0	48.830104	-86.938308	56260.71	56256.6	-6.62	56254.08	56232.08594	56246.92836	56196.75781	504527.7	5408571.4
L4530.1	504527.7	5408572.3	7123.70020	257.54	0	48.830113	-86.938308	56260.92	56256.6	-6.62	56254.29	56232.37500	56247.22408	56196.86328	504527.7	5408572.3
L4530.1	504527.7	5408572.3	7123.79981	258.74	0	48.830113	-86.938308	56261.29	56256.6	-6.62	56254.67	56232.83594	56247.50970	56196.95703	504527.7	5408572.3
L4530.1	504527.7	5408573.5	7123.89990	258.38	0	48.830123	-86.938307	56261.68	56256.6	-6.62	56255.06	56233.30859	56247.79185	56197.04688	504527.7	5408573.5
L4530.1	504527.7	5408574.1	7124.00000	258.75	0	48.830129	-86.938307	56262.46	56256.6	-6.62	56255.84	56234.17578	56248.05454	56197.11719	504527.7	5408574.1
L4530.1	504527.7	5408574.1	7124.10010	259.98	0	48.830129	-86.938307	56262.47	56256.6	-6.62	56255.85	56234.27344	56248.34647	56197.21484	504527.7	5408574.1
L4530.1	504527.7	5408575.6	7124.20020	259.04	0	48.830142	-86.938307	56262.95	56256.6	-6.62	56256.33	56234.83984	56248.61538	56197.28516	504527.7	5408575.6
L4530.1	504527.7	5408576.2	7124.29981	258.07	0	48.830147	-86.938307	56262.95	56256.6	-6.62	56256.33	56234.93359	56248.90181	56197.37891	504527.7	5408576.2
L4530.1	504527.7	5408576.2	7124.39990	257.86	0	48.830147	-86.938307	56263.54	56256.6	-6.62	56256.91	56235.60547	56249.15998	56197.43750	504527.7	5408576.2
L4530.1	504527.7	5408577.0	7124.50000	260.44	0	48.830155	-86.938306	56263.57	56256.6	-6.63	56256.95	56235.73828	56249.43823	56197.51953	504527.7	5408577.0
L4530.1	504527.8	5408577.8	7124.60010	258.62	0	48.830162	-86.938306	56264.05	56256.6	-6.63	56257.42	56236.30469	56249.69439	56197.57422	504527.8	5408577.8
L4530.1	504527.8	5408577.8	7124.70020	259.30	0	48.830162	-86.938306	56264.25	56256.6	-6.63	56257.63	56236.60938	56249.95880	56197.64063	504527.8	5408577.8
L4530.1	504527.8	5408578.8	7124.70020	259.30	0	48.830171	-86.938306	56264.41	56256.6	-6.63	56257.79	56236.87109	56250.22273	56197.70313	504527.8	5408578.8
L4530.1	504527.8	5408579.6	7124.89990	259.13	0	48.830178	-86.938305	56265.02	56256.6	-6.63	56258.39	56237.57031	56250.46468	56197.74219	504527.8	5408579.6
L4530.1	504527.8	5408579.6	7125.00000	257.98	0	48.830178	-86.938305	56265.12	56256.6	-6.63	56258.49	56237.76953	56250.72708	56197.80469	504527.8	5408579.6

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4530.1	504527.9	5408580.2	7125.10010	259.40	0	48.830183	-86.938305	56265.61	56256.6	-6.63	56258.98	56238.36328	56250.97046	56197.84375	504527.9	5408580.2
L4530.1	504527.9	5408580.8	7125.20020	258.13	0	48.830189	-86.938305	56265.36	56256.6	-6.63	56258.73	56238.21875	56251.24530	56197.91406	504527.9	5408580.8
L4530.1	504527.9	5408581.8	7125.29981	260.12	0	48.830197	-86.938304	56265.79	56256.6	-6.63	56259.16	56238.75391	56251.48831	56197.95313	504527.9	5408581.8
L4530.1	504527.9	5408581.8	7125.39990	258.55	0	48.830197	-86.938304	56265.94	56256.6	-6.63	56259.31	56239.01172	56251.74164	56198.00000	504527.9	5408581.8
L4530.1	504527.9	5408581.8	7125.50000	257.40	0	48.830197	-86.938304	56266.12	56256.6	-6.63	56259.50	56239.30859	56251.99069	56198.04297	504527.9	5408581.8
L4530.1	504528.0	5408583.0	7125.60010	257.05	0	48.830208	-86.938303	56266.41	56256.6	-6.62	56259.78	56239.69922	56252.23268	56198.07813	504528.0	5408583.0
L4530.1	504528.0	5408583.0	7125.70020	258.44	0	48.830208	-86.938303	56266.45	56256.6	-6.62	56259.82	56239.85156	56252.48043	56198.11719	504528.0	5408583.0
L4530.1	504528.0	5408583.6	7125.79981	258.49	0	48.830214	-86.938303	56266.50	56256.6	-6.62	56259.88	56240.02344	56252.72308	56198.15234	504528.0	5408583.6
L4530.1	504528.0	5408584.2	7125.89990	257.21	0	48.830220	-86.938303	56266.52	56256.6	-6.62	56259.90	56240.15625	56252.96268	56198.18359	504528.0	5408584.2
L4530.1	504528.0	5408584.2	7126.00000	256.30	0	48.830220	-86.938303	56266.66	56256.6	-6.62	56260.04	56240.41016	56253.19284	56198.20313	504528.0	5408584.2
L4530.1	504528.0	5408585.0	7126.10010	256.16	0	48.830227	-86.938303	56267.01	56256.6	-6.62	56260.39	56240.87500	56253.41022	56198.20703	504528.0	5408585.0
L4530.1	504528.0	5408585.0	7126.20020	257.79	0	48.830227	-86.938303	56267.25	56256.6	-6.62	56260.62	56241.22266	56253.62770	56198.21484	504528.0	5408585.0
L4530.1	504528.0	5408585.5	7126.29981	260.71	0	48.830231	-86.938303	56266.98	56256.6	-6.63	56260.35	56241.07031	56253.86131	56198.23828	504528.0	5408585.5
L4530.1	504528.0	5408586.1	7126.39990	264.13	0	48.830237	-86.938302	56267.19	56256.6	-6.63	56260.56	56241.39844	56254.07248	56198.23438	504528.0	5408586.1
L4530.1	504528.0	5408586.5	7126.50000	264.33	0	48.830241	-86.938302	56267.40	56256.6	-6.63	56260.77	56241.72656	56254.28035	56198.23047	504528.0	5408586.5
L4530.1	504528.0	5408586.5	7126.60010	261.76	0	48.830241	-86.938302	56267.58	56256.6	-6.63	56260.95	56242.02734	56254.48632	56198.22266	504528.0	5408586.5
L4530.1	504528.0	5408587.3	7126.70020	261.58	0	48.830247	-86.938302	56267.57	56256.6	-6.63	56260.93	56242.12891	56254.69825	56198.21875	504528.0	5408587.3
L4530.1	504528.1	5408587.7	7126.70020	261.58	0	48.830251	-86.938302	56267.50	56256.6	-6.63	56260.87	56242.19141	56254.90984	56198.21875	504528.1	5408587.7
L4530.1	504528.1	5408587.7	7126.89990	259.17	0	48.830251	-86.938302	56267.67	56256.6	-6.64	56261.03	56242.47266	56255.10938	56198.20313	504528.1	5408587.7
L4530.1	504528.1	5408588.2	7127.00000	258.54	0	48.830256	-86.938302	56267.58	56256.6	-6.64	56260.94	56242.50781	56255.31895	56198.19531	504528.1	5408588.2
L4530.1	504528.1	5408588.6	7127.10010	255.37	0	48.830259	-86.938302	56267.76	56256.6	-6.64	56261.12	56242.81250	56255.51414	56198.17578	504528.1	5408588.6
L4530.1	504528.1	5408588.6	7127.20020	255.87	0	48.830259	-86.938302	56267.80	56256.6	-6.64	56261.16	56242.97656	56255.71493	56198.16016	504528.1	5408588.6
L4530.1	504528.1	5408589.2	7127.29981	257.11	0	48.830264	-86.938301	56267.98	56256.6	-6.63	56261.35	56243.29297	56255.90722	56198.13672	504528.1	5408589.2
L4530.1	504528.1	5408589.6	7127.39990	257.47	0	48.830268	-86.938301	56267.84	56256.6	-6.63	56261.20	56243.26953	56256.11633	56198.12891	504528.1	5408589.6
L4530.1	504528.1	5408590.1	7127.50000	256.05	0	48.830272	-86.938301	56268.01	56256.6	-6.63	56261.38	56243.57813	56256.30802	56198.10156	504528.1	5408590.1
L4530.1	504528.1	5408590.1	7127.60010	255.59	0	48.830272	-86.938301	56267.95	56256.6	-6.63	56261.32	56243.64453	56256.51192	56198.08594	504528.1	5408590.1
L4530.1	504528.2	5408590.5	7127.70020	256.62	0	48.830276	-86.938301	56267.93	56256.6	-6.63	56261.31	56243.76172	56256.71293	56198.07031	504528.2	5408590.5
L4530.1	504528.2	5408590.5	7127.79981	257.49	0	48.830276	-86.938301	56267.84	56256.6	-6.62	56261.21	56243.78906	56256.91844	56198.05469	504528.2	5408590.5
L4530.1	504528.2	5408591.0	7127.89990	256.30	0	48.830280	-86.938300	56267.80	56256.6	-6.62	56261.17	56243.87891	56257.12072	56198.03906	504528.2	5408591.0
L4530.1	504528.2	5408591.3	7128.00000	258.91	0	48.830284	-86.938300	56267.73	56256.6	-6.62	56261.11	56243.94922	56257.32381	56198.02344	504528.2	5408591.3
L4530.1	504528.2	5408591.6	7128.10010	259.69	0	48.830286	-86.938300	56267.66	56256.6	-6.62	56261.04	56244.00781	56257.52704	56198.00781	504528.2	5408591.6
L4530.1	504528.2	5408591.6	7128.20020	259.30	0	48.830286	-86.938300	56268.04	56256.6	-6.62	56261.42	56244.51953	56257.70963	56197.96875	504528.2	5408591.6
L4530.1	504528.3	5408592.0	7128.29981	259.55	0	48.830289	-86.938299	56267.67	56256.6	-6.62	56261.06	56244.28906	56257.92446	56197.96484	504528.3	5408592.0
L4530.1	504528.3	5408592.0	7128.39990	259.32	0	48.830289	-86.938299	56267.73	56256.6	-6.62	56261.11	56244.47266	56258.12034	56197.94141	504528.3	5408592.0
L4530.1	504528.3	5408592.2	7128.50000	257.69	0	48.830292	-86.938299	56267.63	56256.6	-6.62	56261.01	56244.50391	56258.32023	56197.92188	504528.3	5408592.2
L4530.1	504528.3	5408592.5	7128.60010	258.32	0	48.830294	-86.938298	56267.44	56256.6	-6.61	56260.82	56244.44531	56258.52008	56197.89844	504528.3	5408592.5
L4530.1	504528.3	5408592.5	7128.70020	257.44	0	48.830294	-86.938298	56267.38	56256.6	-6.61	56260.76	56244.51563	56258.71278	56197.87109	504528.3	5408592.5
L4530.1	504528.3	5408592.7	7128.70020	257.44	0	48.830296	-86.938298	56267.32	56256.6	-6.61	56260.70	56244.58594	56258.90269	56197.83984	504528.3	5408592.7
L4530.1	504528.4	5408592.9	7128.89990	260.81	0	48.830298	-86.938298	56267.38	56256.6	-6.61	56260.76	56244.78125	56259.08757	56197.80469	504528.4	5408592.9
L4530.1	504528.4	5408592.9	7129.00000	262.13	0	48.830298	-86.938298	56267.67	56256.6	-6.61	56261.06	56245.21094	56259.26726	56197.76172	504528.4	5408592.9
L4530.1	504528.4	5408593.1	7129.10010	260.93	0	48.830299	-86.938298	56267.68	56256.6	-6.61	56261.07	56245.35547	56259.44979	56197.72656	504528.4	5408593.1
L4530.1	504528.4	5408593.2	7129.20020	259.92	0	48.830300	-86.938298	56267.81	56256.6	-6.61	56261.20	56245.61719	56259.62945	56197.68359	504528.4	5408593.2
L4530.1	504528.4	5408593.2	7129.29981	260.78	0	48.830300	-86.938298	56268.54	56256.6	-6.61	56261.93	56246.48047	56259.80661	56197.64063	504528.4	5408593.2
L4530.1	504528.4	5408593.3	7129.39990	260.05	0	48.830301	-86.938297	56268.26	56256.6	-6.61	56261.65	56246.33203	56259.98586	56197.59766	504528.4	5408593.3
L4570.0	504571.4	5411478.1	31251.80078	329.94	0	48.856252	-86.937679	56243.68	56231.3	18.67	56262.35	56261.99609	56253.26406	56257.50781	504571.4	5411478.1
L4570.0	504571.4	5411478.0	31252.00000	328.40	0	48.856251	-86.937679	56243.77	56231.3	18.67	56262.44	56262.09375	56258.49207	56262.61328	504571.4	5411478.0
L4570.0	504571.4	5411478.0	31252.09961	329.31	0	48.856251	-86.937679	56243.73	56231.3	18.67	56262.40	56262.05859	56261.09087	56265.09375	504571.4	5411478.0
L4570.0	504571.5	5411477.8	31252.19922	329.75	0	48.856250	-86.937678	56243.58	56231.3	18.67	56262.25	56261.91406	56261.45296	56265.33203	504571.5	5411477.8
L4570.0	504571.5	5411477.6	31252.30078	330.87	0	48.856248	-86.937678	56243.53	56231.3	18.67	56262.20	56261.86719	56263.86450	56267.62500	504571.5	5411477.6
L4570.0	504571.5	5411477.6	31252.40039	332.27	0	48.856248	-86.937678	56243.58	56231.3	18.67	56262.25	56261.92578	56268.33337	56271.97266	504571.5	5411477.6
L4570.0	504571.6	5411477.4	31252.50000	331.45	0	48.856246	-86.937677	56243.29	56231.3	18.67	56261.96	56261.64063	56265.83966	56269.35547	504571.6	5411477.4
L4570.0	504571.6	5411477.2	31252.59961	333.81	0	48.856245	-86.937677	56243.07	56231.3	18.67	56261.74	56261.42578	56264.78129	56268.17578	504571.6	5411477.2
L4570.0	504571.6	5411477.2	31252.69922	333.83	0	48.856245	-86.937677	56242.77	56231.3	18.67	56261.44	56261.12891	56262.08550	56265.35938	504571.6	5411477.2
L4570.0	504571.6	5411477.0	31252.80078	332.95	0	48.856243	-86.937676	56242.66	56231.3	18.67	56261.33	56261.02734	56263.29163	56266.44531	504571.6	5411477.0
L4570.0	504571.6	5411476.9	31252.90039	332.89	0	48.856241	-86.937676	56242.56	56231.3	18.67	56261.23	56260.92969	56264.70648	56267.74219	504571.6	5411476.9
L4570.0	504571.6	5411476.7	31253.00000	330.48	0	48.856240	-86.937676	56242.34	56231.3	18.67	56261.01	56260.71484	56263.67062	56266.58203	504571.6	5411476.7
L4570.0	504571.6	5411476.5	31253.09961	330.64	0	48.856238	-86.937676	56241.90	56231.3	18.67	56260.57	56260.28125	56258.15525	56260.94922	504571.6	5411476.5
L4570.0	504571.6	5411476.2	31253.19922	329.39	0	48.856235	-86.937676	56241.56	56231.3	18.67	56260.23	56259.94531	56254.70786	56257.37891	504571.6	5411476.2
L4570.0	504571.6	5411476.2	31253.30078	328.59	0	48.856235	-86.937676	56241.50	56231.3	18.67	56260.17	56259.89063	56256.97780	56259.52734	504571.6	5411476.2
L4570.0	504571.6	5411476.0	31253.40039	326.30	0	48.856233	-86.937676	56241.21	56231.3	18.67	56259.88	56259.60547	56254.58553	56257.01563	504571.6	5411476.0
L4570.0	504571.6	5411475.7	31253.50000	324.73	0	48.856231	-86.937676	56241.14	56231.3	18.67	56259.81	56259.53906	56256.66790	56258.97656	504571.6	5411475.7
L4570.0	504571.6	5411475.7	31253.59961	324.39	0	48.856231	-86.937676	56240.80	56231.3	18.67	56259.47	56259.20703	56253.30485	56255.49219	504571.6	5411475.7
L4570.0	504571.6	5411475.5	31253.69922	326.69	0	48.856229	-86.937677	56240.68	56231.3	18.67	56259.35	56259.08984	56254.40140	56256.46875	504571.6	5411475.5
L4570.0	504571.6	5411475.1	31253.80078	329.99	0	48.856225	-86.937677	56240.39	56231.3	18.67	56259.06	56258.80469	56252.09239	56254.04297	504571.6	5411475.1
L4570.0	504571.5	5411474.8	31253.80078	329.99	0	48.856222	-86.937678	56240.21	56231.3	18.67	56258.88	56258.62891	56252.01397	56253.84375	504571.5	5411474.8
L4570.0	504571.5	5411474.8	31254.00000	327.99	0	48.856222	-86.937678	56239.94	56231.3	18.67	56258.61	56258.36328	56250.15033	56251.85938	504571.5	5411474.8
L4570.0	504571.4	5411474.2	31254.09961	327.00	0	48.856218	-86.937679	56239.81	56231.3	18.67	56258.48	56258.23438	56251.10710	56252.69531	504571.4	5411474.2
L4570.0	504571.4	5411474.2	31254.19922	328.73	0	48.856218	-86.937679	56239.50	56231.3	18.68	56258.18	56257.93750	56248.68440	56250.15234	504571.4	5411474.2
L4570.0	504571.3	5411473.8	31254.30078	329.42	0	48.856214	-86.937680	56239.16	56231.3	18.68	56257.84	56257.60156	56245.48473	56246.83203	504571.3	5411473.8
L4570.0	504571.2	5411473.4	31254.40039	329.53	0	48.856210	-86.937681	56238.97	56231.3	18.68	56257.65	56257.41406	56245.29508	56246.52344	504571.2	5411473.4
L4570.0	504571.2	5411473.4	31254.50000	330.23	0	48.856210	-86.937681	56238.45	56231.3	18.68	56257.13	56256.89844	56238.53931	56239.64844	504571.2	5411473.4
L4570.0	504571.1	5411473.0	31254.59961	328.25	0	48.856206	-86.937683	56238.18	56231.3	18.69	56256.87	56256.64063	56236.98133	56237.97266	504571.1	5411473.0
L4570.0	504571.1	5411473.0	31254.69922	329.24	0	48.856206	-86.937683	56237.99	56231.3	18.69	56256.68	56256.45313	56236.83403	56237.70703	504571.1	5411473.0
L4570.0	504570.9	5411472.0	31254.80078	328.44	0	48.856197	-86.937686	56238.04	56231.3	18.69	56256.74	56256.51563	56241.70507	56242.45703	504570.9	5411472.0
L4570.0	504570.9	5411472.0	31254.90039	329.49	0	48.856197	-86.937686	56238.23	56231.3	18.70	56256.93	56256.70703	56249.21920	56249.85156	504570.9	5411472.0
L4570.0	504570.8	5411471.5	31255.00000	328.34	0	48.856192	-86.937687	56238.68	56231.3	18.70	56257.38	56257.16016	56262.01168	56262.52734	504570.8	5411471.5
L4570.0	504570.8	5411471.5	31255.09961	330.42	0	48.856192	-86.937687	56238.99	56231.3	18.70	56257.69	56257.47266	56272.06937	56272.46484	504570.8	5411471.5
L4570.0	504570.7	5411471.0	31255.19922	331.72	0	48.856188	-86.937689	56238.61	56231.3	18.70	56257.31	56257.09375	56268.27426	56268.55469	504570.7	5411471.0
L4570.0	504570.6	5411470.4	31255.30078	331.31	0	48.856183	-86.937691	56238.46	56231.3	18.70	56257.16	56256.94531	56269.14334	56269.30469	504570.6	5411470.4
L4570.0	504570.5	5411469.8	31255.40039	332.87	0	48.856178	-86.937692	56238.40	56231.3	18.70	56257.10	56256.88672	56271.87022	56271.91406	504570.5	5411469.8
L4570.0	504570.5	5411469.8	31255.50000	331.52	0	48.856178	-86.937692	56238.28	56231.3	18.70	56256.98	56256.76563	56273.41698	56273.34375	504570.5	5411469.8
L4570.0	504570.3	5411469.2	31255.59961	330.06	0	48.856172	-86.937694	56238.45	56231.3	18.70	56257.15	56256.93750	56280.90631	56280.71875	504570.3	5411469.2
L4570.0	504570.2	5411468.6	31255.69922	328.97	0	48.856167	-86.937695	56238.17	56231.3	18.70	56256.87	56256.65625	56279.25872	56278.95313	504570.2	5411468.6
L4570.0	504570.2	5411468.1	31255.80078	327.54	0	48.856162	-86.937696	56237.20	56231.3	18.70	56255.90	56255.68750	56263.51164	56263.09375	504570.2	5411468.1
L4570.0	504570.1	5411467.5	31255.80078	327.54	0	48.856157	-86.937697	56236.70	56231.3	18.70	56255.40	56255.18750	56257.36932	56256.83594	504570.1	5411467.5
L4570.0	504570.1	5411467.5	31256.00000	329.05	0	48.856157	-86.937697	56236.49	56231.3	18.70	56255.19	56254.97656	56257.18431	56256.53516	504570.1	5411467.5
L4570.0	504570.1	5411466.7	31256.09961	328.68	0	48.856150	-86.937697	56236.44	56231.3	18.70	56255.14	56254.92578	56260.30429	56259.53906	504570.1	5411466.7
L4570.0	504570.1	5411466.7	31256.19922	330.54	0	48.856150	-86.937697	56236.38	56231.3	18.70	56255.07	56254.85547	56263.03669	56262.16016	504570.1	5411466.7
L4570.0	504570.0	5411466.1	31256.30078	332.51	0	48.856144	-86.937698	56236.21	56231.3	18.69	56254.91	56254.69531	56263.94265	56262.95313	504570.0	5411466.1
L4570.0	504570.0	5411465.6	31256.40039	333.03	0	48.856139	-86.937698	56235.88	56231.3	18.69	56254.57	56254.35156	56261.18482	56260.08203	504570.0	5411465.6
L4570.0	504570.0	5411464.9	31256.50000	332.43	0	48.856133	-86.937698	56235.49	56231.3	18.69	56254.18	56253.96094	56257.43659	56256.22266	504570.0	5411464.9
L4570.0	504570.0	5411464.9	31256.59961	331.09	0	48.856133	-86.937698	56235.39	56231.3	18.69	56254.08	56253.85938	56259.62403	56258.29688	504570.0	5411464.9
L4570.0	504570.1	5411464.3	31256.69922	331.58	0	48.856128	-86.937698	56235.29	56231.3	18.69	56253.97	56253.74609	56261.61226	56260.17578	504570.1	5411464.3

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4570.0	504570.1	5411463.7	31256.80078	331.23	0	48.856123	-86.937698	56235.07	56231.3	18.68	56253.75	56253.52344	56261.38068	56259.83203	504570.1	5411463.7
L4570.0	504570.1	5411463.2	31256.90039	329.64	0	48.856119	-86.937697	56234.83	56231.3	18.68	56253.51	56253.28125	56260.76331	56259.10547	504570.1	5411463.2
L4570.0	504570.1	5411462.6	31257.00000	327.99	0	48.856112	-86.937697	56234.78	56231.3	18.68	56253.46	56253.23047	56263.96522	56262.19922	504570.1	5411462.6
L4570.0	504570.2	5411462.0	31257.09961	328.87	0	48.856108	-86.937696	56234.38	56231.3	18.68	56253.05	56252.81641	56259.98384	56258.10938	504570.2	5411462.0
L4570.0	504570.2	5411462.0	31257.19922	329.37	0	48.856108	-86.937696	56233.86	56231.3	18.68	56252.54	56252.30469	56254.07559	56252.08984	504570.2	5411462.0
L4570.0	504570.3	5411461.2	31257.30078	329.18	0	48.856101	-86.937695	56233.54	56231.3	18.68	56252.21	56251.96875	56251.78550	56249.69531	504570.3	5411461.2
L4570.0	504570.3	5411460.7	31257.40039	328.20	0	48.856096	-86.937694	56232.73	56231.3	18.68	56251.41	56251.16406	56240.31946	56238.12109	504570.3	5411460.7
L4570.0	504570.3	5411460.7	31257.50000	328.61	0	48.856096	-86.937694	56232.40	56231.3	18.68	56251.08	56250.83203	56238.13904	56235.83594	504570.3	5411460.7
L4570.0	504570.5	5411459.2	31257.59961	328.63	0	48.856082	-86.937692	56232.11	56231.3	18.67	56250.78	56250.52734	56236.56510	56234.15625	504570.5	5411459.2
L4570.0	504570.5	5411459.2	31257.69922	327.66	0	48.856082	-86.937692	56231.97	56231.3	18.67	56250.64	56250.38281	56238.09953	56235.58984	504570.5	5411459.2
L4570.0	504570.5	5411458.3	31257.80078	325.75	0	48.856074	-86.937691	56232.38	56231.3	18.67	56251.05	56250.78906	56250.21784	56247.60156	504570.5	5411458.3
L4570.0	504570.6	5411457.6	31257.80078	325.75	0	48.856068	-86.937691	56231.92	56231.3	18.67	56250.59	56250.32422	56245.54999	56242.83203	504570.6	5411457.6
L4570.0	504570.6	5411457.6	31258.00000	328.80	0	48.856068	-86.937691	56231.62	56231.3	18.67	56250.29	56250.01953	56243.97446	56241.15625	504570.6	5411457.6
L4570.0	504570.6	5411456.8	31258.09961	327.08	0	48.856061	-86.937690	56230.72	56231.3	18.67	56249.39	56249.11328	56230.94269	56228.02344	504570.6	5411456.8
L4570.0	504570.7	5411455.9	31258.19922	325.37	0	48.856052	-86.937690	56230.50	56231.3	18.67	56249.17	56248.89063	56230.92555	56227.90625	504570.7	5411455.9
L4570.0	504570.7	5411455.9	31258.30078	324.14	0	48.856052	-86.937690	56230.23	56231.3	18.67	56248.90	56248.61328	56229.94766	56226.83203	504570.7	5411455.9
L4570.0	504570.7	5411454.6	31258.40039	326.49	0	48.856041	-86.937689	56230.24	56231.3	18.67	56248.91	56248.61719	56234.28625	56231.07422	504570.7	5411454.6
L4570.0	504570.7	5411453.8	31258.50000	327.72	0	48.856033	-86.937688	56229.95	56231.3	18.67	56248.62	56248.32422	56232.90817	56229.59766	504570.7	5411453.8
L4570.0	504570.8	5411452.9	31258.59961	328.19	0	48.856026	-86.937688	56229.96	56231.3	18.67	56248.63	56248.32813	56237.21618	56233.81250	504570.8	5411452.9
L4570.0	504570.8	5411452.9	31258.69922	327.96	0	48.856026	-86.937688	56229.88	56231.3	18.67	56248.54	56248.23047	56239.61173	56236.11328	504570.8	5411452.9
L4570.0	504570.8	5411451.7	31258.80078	329.92	0	48.856015	-86.937687	56229.52	56231.3	18.67	56248.19	56247.87500	56237.06704	56233.47266	504570.8	5411451.7
L4570.0	504570.8	5411451.0	31258.90039	329.16	0	48.856009	-86.937687	56228.93	56231.3	18.67	56247.60	56247.27734	56229.97046	56226.28516	504570.8	5411451.0
L4570.0	504570.8	5411451.0	31259.00000	328.75	0	48.856009	-86.937687	56228.81	56231.3	18.67	56247.48	56247.15234	56231.76443	56227.98828	504570.8	5411451.0
L4570.0	504570.9	5411449.9	31259.09961	327.62	0	48.855999	-86.937687	56228.58	56231.3	18.67	56247.25	56246.91406	56231.46216	56227.59766	504570.9	5411449.9
L4570.0	504570.9	5411448.8	31259.19922	328.44	0	48.855988	-86.937686	56228.81	56231.3	18.66	56247.47	56247.12891	56239.64388	56235.69141	504570.9	5411448.8
L4570.0	504570.9	5411447.7	31259.30078	327.90	0	48.855979	-86.937686	56229.33	56231.3	18.66	56247.99	56247.64063	56253.45156	56249.41016	504570.9	5411447.7
L4570.0	504570.9	5411447.7	31259.40039	326.89	0	48.855979	-86.937686	56228.45	56231.3	18.66	56247.11	56246.75391	56243.25811	56239.13281	504570.9	5411447.7
L4570.0	504570.9	5411446.4	31259.50000	326.38	0	48.855967	-86.937686	56227.78	56231.3	18.65	56246.43	56246.07031	56231.69641	56227.48438	504570.9	5411446.4
L4570.0	504570.9	5411446.4	31259.59961	328.13	0	48.855967	-86.937686	56227.21	56231.3	18.65	56245.86	56245.49219	56222.85755	56218.56250	504570.9	5411446.4
L4570.0	504571.0	5411445.1	31259.69922	327.58	0	48.855955	-86.937686	56227.30	56231.4	18.65	56245.95	56245.57422	56230.39438	56226.01953	504571.0	5411445.1
L4570.0	504571.0	5411444.2	31259.80078	326.14	0	48.855948	-86.937685	56227.54	56231.4	18.65	56246.18	56245.79688	56241.33296	56236.87891	504571.0	5411444.2
L4570.0	504571.0	5411443.3	31259.80078	326.14	0	48.855939	-86.937685	56227.92	56231.4	18.65	56246.56	56246.17188	56255.90879	56251.37500	504571.0	5411443.3
L4570.0	504571.0	5411443.3	31260.00000	326.63	0	48.855939	-86.937685	56228.04	56231.4	18.64	56246.68	56246.28516	56263.96472	56259.35156	504571.0	5411443.3
L4570.0	504571.0	5411442.4	31260.09961	326.89	0	48.855931	-86.937685	56227.23	56231.4	18.64	56245.87	56245.46875	56248.94712	56244.25781	504571.0	5411442.4
L4570.0	504571.0	5411441.5	31260.19922	327.58	0	48.855923	-86.937685	56226.64	56231.4	18.63	56245.27	56244.85938	56239.08316	56234.32031	504571.0	5411441.5
L4570.0	504571.1	5411440.1	31260.30078	327.54	0	48.855910	-86.937684	56226.05	56231.4	18.63	56244.68	56244.26563	56229.40507	56224.57031	504571.1	5411440.1
L4570.0	504571.1	5411440.1	31260.40039	325.36	0	48.855910	-86.937684	56226.08	56231.4	18.62	56244.70	56244.27734	56234.76156	56229.85547	504571.1	5411440.1
L4570.0	504571.1	5411439.1	31260.50000	324.33	0	48.855901	-86.937684	56225.98	56231.4	18.62	56244.60	56244.17188	56237.09077	56232.11328	504571.1	5411439.1
L4570.0	504571.1	5411437.9	31260.59961	327.43	0	48.855891	-86.937683	56226.18	56231.4	18.62	56244.80	56244.36328	56246.83457	56241.78906	504571.1	5411437.9
L4570.0	504571.1	5411437.9	31260.69922	326.93	0	48.855891	-86.937683	56226.03	56231.4	18.61	56244.64	56244.19922	56243.34677	56238.23828	504571.1	5411437.9
L4570.0	504571.2	5411436.7	31260.80078	328.28	0	48.855880	-86.937683	56225.90	56231.4	18.61	56244.51	56244.06250	56244.43652	56239.26172	504571.2	5411436.7
L4570.0	504571.2	5411435.4	31260.90039	326.73	0	48.855868	-86.937682	56225.14	56231.4	18.60	56243.75	56243.29297	56233.50560	56228.26563	504571.2	5411435.4
L4570.0	504571.2	5411435.4	31261.00000	326.90	0	48.855868	-86.937682	56225.23	56231.4	18.60	56243.83	56243.36719	56238.49290	56233.19141	504571.2	5411435.4
L4570.0	504571.2	5411434.1	31261.09961	326.96	0	48.855857	-86.937682	56225.24	56231.4	18.60	56243.83	56243.36328	56241.95758	56236.59766	504571.2	5411434.1
L4570.0	504571.2	5411432.8	31261.19922	328.45	0	48.855845	-86.937682	56224.96	56231.4	18.59	56243.55	56243.07813	56239.99262	56234.57422	504571.2	5411432.8
L4570.0	504571.2	5411432.8	31261.30078	328.23	0	48.855845	-86.937682	56224.66	56231.4	18.59	56243.25	56242.76953	56237.56355	56232.08984	504571.2	5411432.8
L4570.0	504571.3	5411431.7	31261.40039	328.07	0	48.855835	-86.937682	56224.06	56231.4	18.59	56242.65	56242.16406	56229.13046	56223.60156	504571.3	5411431.7
L4570.0	504571.3	5411430.4	31261.50000	329.23	0	48.855824	-86.937682	56223.95	56231.4	18.58	56242.54	56242.05078	56230.26464	56224.68359	504571.3	5411430.4
L4570.0	504571.3	5411430.4	31261.59961	328.30	0	48.855824	-86.937682	56223.40	56231.4	18.58	56241.98	56241.48438	56222.34233	56216.71094	504571.3	5411430.4
L4570.0	504571.3	5411428.2	31261.69922	328.78	0	48.855803	-86.937681	56223.12	56231.4	18.58	56241.70	56241.19922	56219.91491	56214.23438	504571.3	5411428.2
L4570.0	504571.3	5411428.2	31261.80078	327.90	0	48.855803	-86.937681	56223.09	56231.4	18.58	56241.67	56241.16406	56222.51354	56216.78516	504571.3	5411428.2
L4570.0	504571.3	5411427.1	31261.80078	327.90	0	48.855793	-86.937681	56223.11	56231.4	18.58	56241.68	56241.17188	56225.94164	56220.16797	504571.3	5411427.1
L4570.0	504571.3	5411427.1	31262.00000	329.70	0	48.855793	-86.937681	56222.98	56231.4	18.57	56241.55	56241.03516	56226.48781	56220.66797	504571.3	5411427.1
L4570.0	504571.3	5411425.9	31262.09961	331.98	0	48.855782	-86.937681	56223.20	56231.4	18.57	56241.77	56241.25391	56234.29701	56228.43750	504571.3	5411425.9
L4570.0	504571.3	5411424.8	31262.19922	331.52	0	48.855773	-86.937681	56222.91	56231.4	18.57	56241.49	56240.96875	56231.68975	56225.78906	504571.3	5411424.8
L4570.0	504571.3	5411424.8	31262.30078	333.93	0	48.855773	-86.937681	56222.64	56231.4	18.57	56241.21	56240.68359	56229.02407	56223.08594	504571.3	5411424.8
L4570.0	504571.3	5411423.2	31262.40039	333.93	0	48.855758	-86.937681	56222.68	56231.4	18.57	56241.25	56240.72266	56233.04980	56227.07422	504571.3	5411423.2
L4570.0	504571.4	5411422.1	31262.50000	333.55	0	48.855748	-86.937680	56222.48	56231.4	18.58	56241.05	56240.51953	56231.99320	56225.98438	504571.4	5411422.1
L4570.0	504571.4	5411422.1	31262.59961	333.13	0	48.855748	-86.937680	56222.51	56231.4	18.58	56241.08	56240.54688	56235.75201	56229.71094	504571.4	5411422.1
L4570.0	504571.4	5411419.4	31262.69922	332.77	0	48.855725	-86.937680	56222.28	56231.4	18.58	56240.85	56240.31641	56233.99039	56227.91797	504571.4	5411419.4
L4570.0	504571.4	5411419.4	31262.80078	333.58	0	48.855725	-86.937680	56221.97	56231.4	18.58	56240.55	56240.01172	56230.73073	56224.62891	504571.4	5411419.4
L4570.0	504571.4	5411418.1	31262.90039	333.43	0	48.855712	-86.937679	56221.68	56231.4	18.58	56240.26	56239.72266	56227.67275	56221.54688	504571.4	5411418.1
L4570.0	504571.4	5411418.1	31263.00000	332.92	0	48.855712	-86.937679	56221.67	56231.4	18.58	56240.25	56239.71094	56230.43738	56224.28516	504571.4	5411418.1
L4570.0	504571.5	5411416.7	31263.09961	330.63	0	48.855700	-86.937679	56221.63	56231.4	18.58	56240.21	56239.67188	56232.51528	56226.33984	504571.5	5411416.7
L4570.0	504571.5	5411416.7	31263.19922	329.04	0	48.855700	-86.937679	56221.36	56231.4	18.58	56239.94	56239.40234	56229.82096	56223.62500	504571.5	5411416.7
L4570.0	504571.5	5411415.4	31263.30078	330.68	0	48.855688	-86.937679	56221.40	56231.4	18.58	56239.98	56239.44141	56233.42488	56227.21094	504571.5	5411415.4
L4570.0	504571.5	5411414.1	31263.40039	329.61	0	48.855677	-86.937678	56221.15	56231.4	18.58	56239.73	56239.19141	56231.10458	56224.87500	504571.5	5411414.1
L4570.0	504571.5	5411413.0	31263.50000	328.89	0	48.855666	-86.937678	56220.96	56231.4	18.58	56239.54	56239.00391	56229.98817	56223.74609	504571.5	5411413.0
L4570.0	504571.5	5411413.0	31263.59961	328.16	0	48.855666	-86.937678	56220.66	56231.4	18.58	56239.24	56238.70703	56226.70122	56220.44531	504571.5	5411413.0
L4570.0	504571.5	5411411.9	31263.69922	328.52	0	48.855657	-86.937678	56220.62	56231.4	18.58	56239.20	56238.66797	56228.49779	56222.23047	504571.5	5411411.9
L4570.0	504571.5	5411410.9	31263.80078	327.34	0	48.855647	-86.937678	56220.08	56231.4	18.58	56238.66	56238.12891	56220.61873	56214.34375	504571.5	5411410.9
L4570.0	504571.6	5411409.9	31263.80078	327.34	0	48.855639	-86.937678	56219.98	56231.4	18.58	56238.56	56238.03516	56221.22712	56214.94922	504571.6	5411409.9
L4570.0	504571.6	5411409.0	31264.00000	323.69	0	48.855630	-86.937678	56220.03	56231.4	18.58	56238.61	56238.08984	56223.90073	56217.61719	504571.6	5411409.0
L4570.0	504571.6	5411409.0	31264.09961	323.13	0	48.855630	-86.937678	56219.90	56231.4	18.58	56238.48	56237.96094	56223.84543	56217.55859	504571.6	5411409.0
L4570.0	504571.6	5411406.8	31264.19922	324.34	0	48.855611	-86.937678	56219.37	56231.4	18.58	56237.95	56237.43750	56213.95901	56207.67578	504571.6	5411406.8
L4570.0	504571.6	5411406.8	31264.30078	324.53	0	48.855611	-86.937678	56219.72	56231.4	18.58	56238.30	56237.79297	56225.51251	56219.23047	504571.6	5411406.8
L4570.0	504571.5	5411405.8	31264.40039	324.70	0	48.855602	-86.937678	56220.03	56231.4	18.58	56238.61	56238.10938	56235.88048	56229.60156	504571.5	5411405.8
L4570.0	504571.5	5411404.4	31264.50000	324.51	0	48.855589	-86.937678	56220.03	56231.4	18.58	56238.61	56238.11719	56238.65114	56232.38281	504571.5	5411404.4
L4570.0	504571.5	5411403.4	31264.59961	325.41	0	48.855580	-86.937679	56220.23	56231.4	18.58	56238.81	56238.32422	56246.11657	56239.85547	504571.5	5411403.4
L4570.0	504571.5	5411403.4	31264.69922	324.41	0	48.855580	-86.937679	56219.51	56231.4	18.58	56238.09	56237.61328	56231.65577	56225.40625	504571.5	5411403.4
L4570.0	504571.5	5411402.0	31264.80078	325.83	0	48.855568	-86.937679	56219.02	56231.4	18.58	56237.60	56237.12891	56222.69751	56216.46094	504571.5	5411402.0
L4570.0	504571.4	5411400.5	31264.90039	326.57	0	48.855554	-86.937680	56218.21	56231.4	18.58	56236.79	56236.32813	56206.19114	56199.97266	504571.4	5411400.5
L4570.0	504571.4	5411399.5	31265.00000	327.58	0	48.855545	-86.937681	56218.86	56231.4	18.58	56237.44	56236.98828	56224.07429	56217.87500	504571.4	5411399.5
L4570.0	504571.4	5411399.5	31265.09961	326.68	0	48.855545	-86.937681	56218.71	56231.4	18.58	56237.28	56236.83984	56222.80558	56216.62500	504571.4	5411399.5
L4570.0	504571.3	5411398.0	31265.19922	327.20	0	48.855532	-86.937681	56219.46	56231.4	18.57	56238.03	56237.60156	56242.91961	56236.76172	504571.3	5411398.0
L4570.0	504571.3	5411396.8	31265.30078	327.04	0	48.855521	-86.937682	56219.55	56231.4	18.57	56238.12	56237.70313	56247.47518	56241.34375	504571.3	5411396.8
L4570.0	504571.3	5411396.8	31265.40039	326.43	0	48.855521	-86.937682	56219.06	56231.4	18.57	56237.63	56237.22656	56238.32408	56232.21875	504571.3	5411396.8
L4570.0	504571.2	5411395.4	31265.50000	326.21	0	48.855509	-86.937683	56218.54	56231.4	18.57	56237.11	56236.71875	56228.39592	56222.32031	504571.2	5411395.4
L4570.0	504571.2	5411394.1	31265.59961	325.28	0	48.855497	-86.937683	56218.10	56231.4	18.56	56236.66	56236.28516	56220.04324	56214.00000	504571.2	5411394.1
L4570.0	504571.2	5411394.1	31265.69922	325.46	0	48.855497	-86.937683	56218.57	56231.4	18.56	56237.13	56236.76953	56233.52157	56227.51172	504571.2	5411394.1
L4570.0	504571.1	5411393.0	31265.80078	324.87	0	48.855487	-86.937684	56218.21	56231.4	18.56	56236.77	56236.42578	56227.22020	56221.25000	504571.1	5411393.0
L4570.0	504571.1	5411393.0	31265.80078	324.87	0	48.855487	-86.937684	56218.50	56231.4	18.56	56237.06	56236.73047	56236.45740	56230.52734	504571.1	5411393.0
L4570.0	504571.1	5411391.4	31266.00000	326.25	0	48.855472	-86.937685	56217.98	56231.4	18.55	56236.53	56236.21875	56225.95572	56220.06641	504571.1	5411391.4

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4570.0	504571.1	5411390.2	31266.09961	325.20	0	48.855462	-86.937685	56218.40	56231.4	18.55	56236.96	56236.66406	56238.63769	56232.79297	504571.1	5411390.2
L4570.0	504571.0	5411388.8	31266.19922	325.74	0	48.855449	-86.937685	56218.11	56231.4	18.56	56236.67	56236.39453	56233.85500	56228.05469	504571.0	5411388.8
L4570.0	504571.0	5411387.8	31266.30078	325.19	0	48.855440	-86.937686	56218.16	56231.4	18.56	56236.73	56236.47266	56237.60705	56231.85938	504571.0	5411387.8
L4570.0	504571.0	5411387.8	31266.40039	324.14	0	48.855440	-86.937686	56217.94	56231.4	18.57	56236.51	56236.27344	56234.46080	56228.76172	504571.0	5411387.8
L4570.0	504571.0	5411386.5	31266.50000	325.43	0	48.855428	-86.937686	56217.58	56231.4	18.57	56236.15	56235.93359	56227.76750	56222.12500	504571.0	5411386.5
L4570.0	504571.0	5411385.3	31266.59961	323.78	0	48.855418	-86.937686	56216.96	56231.4	18.57	56235.53	56235.33594	56217.68468	56212.09766	504571.0	5411385.3
L4570.0	504570.9	5411383.5	31266.69922	322.29	0	48.855401	-86.937686	56216.51	56231.4	18.58	56235.09	56234.91797	56211.00684	56205.48047	504570.9	5411383.5
L4570.0	504570.9	5411382.6	31266.80078	326.30	0	48.855393	-86.937687	56217.32	56231.4	18.58	56235.91	56235.76172	56228.47743	56223.01172	504570.9	5411382.6
L4570.0	504570.9	5411382.6	31266.90039	326.31	0	48.855393	-86.937687	56217.07	56231.4	18.59	56235.65	56235.52344	56225.27728	56219.87891	504570.9	5411382.6
L4570.0	504570.9	5411381.3	31267.00000	328.89	0	48.855381	-86.937687	56217.15	56231.4	18.59	56235.74	56235.64063	56228.86153	56223.52734	504570.9	5411381.3
L4570.0	504570.9	5411379.9	31267.09961	331.33	0	48.855369	-86.937688	56216.79	56231.4	18.59	56235.37	56235.29688	56223.48466	56218.22266	504570.9	5411379.9
L4570.0	504570.9	5411379.9	31267.19922	329.82	0	48.855369	-86.937688	56217.27	56231.4	18.58	56235.85	56235.80078	56234.79374	56229.60547	504570.9	5411379.9
L4570.0	504570.8	5411378.5	31267.30078	330.73	0	48.855356	-86.937688	56217.20	56231.4	18.58	56235.78	56235.75781	56235.33926	56230.22656	504570.8	5411378.5
L4570.0	504570.8	5411377.2	31267.40039	330.54	0	48.855344	-86.937688	56217.07	56231.4	18.57	56235.64	56235.64844	56234.50576	56229.47266	504570.8	5411377.2
L4570.0	504570.8	5411375.9	31267.50000	331.90	0	48.855333	-86.937689	56216.66	56231.4	18.57	56235.23	56235.26563	56228.31090	56223.35938	504570.8	5411375.9
L4570.0	504570.8	5411374.7	31267.59961	331.11	0	48.855322	-86.937689	56215.89	56231.4	18.57	56234.45	56234.51563	56214.75353	56209.88672	504570.8	5411374.7
L4570.0	504570.8	5411374.7	31267.69922	330.37	0	48.855322	-86.937689	56215.85	56231.4	18.56	56234.41	56234.50391	56215.92156	56211.14453	504570.8	5411374.7
L4570.0	504570.8	5411373.3	31267.80078	329.98	0	48.855309	-86.937689	56215.94	56231.4	18.56	56234.50	56234.62500	56219.69416	56215.00781	504570.8	5411373.3
L4570.0	504570.7	5411371.8	31267.80078	329.98	0	48.855296	-86.937689	56216.94	56231.4	18.56	56235.50	56235.66016	56241.51393	56236.92188	504570.7	5411371.8
L4570.0	504570.7	5411371.8	31268.00000	329.74	0	48.855296	-86.937689	56216.94	56231.4	18.55	56235.49	56235.67969	56243.26836	56238.76953	504570.7	5411371.8
L4570.0	504570.7	5411370.2	31268.09961	328.25	0	48.855281	-86.937690	56216.74	56231.4	18.55	56235.29	56235.51563	56241.26861	56236.87109	504570.7	5411370.2
L4570.0	504570.7	5411369.0	31268.19922	327.16	0	48.855271	-86.937690	56215.93	56231.4	18.55	56234.48	56234.73828	56227.29408	56223.00000	504570.7	5411369.0
L4570.0	504570.7	5411367.6	31268.30078	326.79	0	48.855258	-86.937690	56215.74	56231.4	18.55	56234.29	56234.58594	56225.56181	56221.37500	504570.7	5411367.6
L4570.0	504570.7	5411367.6	31268.40039	327.97	0	48.855258	-86.937690	56215.41	56231.4	18.55	56233.96	56234.28906	56221.11041	56217.03125	504570.7	5411367.6
L4570.0	504570.7	5411365.9	31268.50000	327.71	0	48.855243	-86.937690	56215.29	56231.4	18.55	56233.84	56234.20703	56220.77758	56216.81250	504570.7	5411365.9
L4570.0	504570.7	5411364.6	31268.59961	326.03	0	48.855231	-86.937689	56215.25	56231.4	18.55	56233.80	56234.20313	56221.99962	56218.14844	504570.7	5411364.6
L4570.0	504570.7	5411364.6	31268.69922	327.84	0	48.855231	-86.937689	56215.05	56231.4	18.55	56233.60	56234.04297	56220.11146	56216.38281	504570.7	5411364.6
L4570.0	504570.8	5411363.2	31268.80078	326.41	0	48.855219	-86.937689	56215.14	56231.4	18.55	56233.69	56234.17188	56223.84053	56220.23438	504570.8	5411363.2
L4570.0	504570.8	5411361.6	31268.90039	327.81	0	48.855204	-86.937689	56215.10	56231.4	18.55	56233.65	56234.17188	56225.04157	56221.55859	504570.8	5411361.6
L4570.0	504570.8	5411360.6	31269.00000	326.72	0	48.855196	-86.937688	56215.28	56231.4	18.55	56233.83	56234.39063	56230.50067	56227.14844	504570.8	5411360.6
L4570.0	504570.8	5411360.6	31269.09961	325.14	0	48.855196	-86.937688	56215.20	56231.4	18.55	56233.76	56234.36328	56231.12095	56227.89844	504570.8	5411360.6
L4570.0	504570.9	5411358.9	31269.19922	326.48	0	48.855180	-86.937688	56214.88	56231.4	18.55	56233.44	56234.08594	56226.88678	56223.80078	504570.9	5411358.9
L4570.0	504570.9	5411358.9	31269.30078	327.44	0	48.855180	-86.937688	56214.59	56231.4	18.56	56233.15	56233.83984	56223.22088	56220.27734	504570.9	5411358.9
L4570.0	504570.9	5411357.6	31269.40039	326.97	0	48.855168	-86.937688	56214.62	56231.4	18.56	56233.18	56233.91406	56225.78295	56222.98047	504570.9	5411357.6
L4570.0	504570.9	5411356.1	31269.50000	328.20	0	48.855154	-86.937687	56214.67	56231.4	18.56	56233.23	56234.00781	56228.74672	56226.08984	504570.9	5411356.1
L4570.0	504570.9	5411354.6	31269.59961	328.94	0	48.855141	-86.937687	56214.57	56231.4	18.56	56233.13	56233.95313	56228.78466	56226.27734	504570.9	5411354.6
L4570.0	504570.9	5411354.6	31269.69922	330.06	0	48.855141	-86.937687	56214.67	56231.4	18.56	56233.23	56234.09766	56232.73859	56230.38672	504570.9	5411354.6
L4570.0	504570.9	5411352.8	31269.80078	330.22	0	48.855125	-86.937687	56214.34	56231.4	18.57	56232.91	56233.82422	56228.46551	56226.26953	504570.9	5411352.8
L4570.0	504570.9	5411352.8	31269.80078	330.22	0	48.855125	-86.937687	56214.14	56231.4	18.57	56232.70	56233.66016	56226.34381	56224.30859	504570.9	5411352.8
L4570.0	504570.9	5411351.5	31270.00000	329.38	0	48.855114	-86.937687	56214.14	56231.4	18.57	56232.71	56233.71875	56228.52476	56226.65234	504570.9	5411351.5
L4570.0	504570.9	5411349.9	31270.09961	330.64	0	48.855099	-86.937687	56214.19	56231.4	18.57	56232.75	56233.80469	56231.27823	56229.57422	504570.9	5411349.9
L4570.0	504570.9	5411349.9	31270.19922	332.08	0	48.855099	-86.937687	56213.93	56231.4	18.56	56232.49	56233.59375	56228.16691	56226.63281	504570.9	5411349.9
L4570.0	504570.9	5411348.8	31270.30078	331.27	0	48.855089	-86.937687	56213.56	56231.4	18.56	56232.12	56233.27344	56222.92750	56221.57031	504570.9	5411348.8
L4570.0	504570.9	5411347.8	31270.40039	330.50	0	48.855080	-86.937688	56213.27	56231.5	18.55	56231.82	56233.02344	56219.06893	56217.89063	504570.9	5411347.8
L4570.0	504570.9	5411346.3	31270.50000	329.73	0	48.855067	-86.937688	56213.02	56231.5	18.54	56231.56	56232.81641	56216.00214	56215.00391	504570.9	5411346.3
L4570.0	504570.9	5411344.8	31270.59961	329.65	0	48.855053	-86.937688	56213.46	56231.5	18.54	56232.00	56233.30859	56226.36152	56225.55078	504570.9	5411344.8
L4570.0	504570.9	5411343.4	31270.69922	327.46	0	48.855040	-86.937688	56213.40	56231.5	18.53	56231.93	56233.28906	56226.87747	56226.25391	504570.9	5411343.4
L4570.0	504570.9	5411343.4	31270.80078	326.60	0	48.855040	-86.937688	56213.60	56231.5	18.53	56232.13	56233.54297	56232.47884	56232.05078	504570.9	5411343.4
L4570.0	504570.9	5411341.9	31270.90039	326.53	0	48.855027	-86.937688	56213.18	56231.5	18.52	56231.71	56233.17578	56228.79458	56228.56250	504570.9	5411341.9
L4570.0	504570.9	5411341.9	31271.00000	324.80	0	48.855027	-86.937688	56213.30	56231.5	18.52	56231.82	56233.33984	56234.11007	56234.07813	504570.9	5411341.9
L4570.0	504570.9	5411340.5	31271.09961	323.67	0	48.855015	-86.937687	56212.78	56231.5	18.52	56231.30	56232.87109	56223.78794	56223.96094	504570.9	5411340.5
L4570.0	504570.9	5411339.4	31271.19922	324.48	0	48.855005	-86.937687	56212.71	56231.5	18.52	56231.24	56232.86719	56224.80808	56225.18750	504570.9	5411339.4
L4570.0	504570.9	5411337.8	31271.30078	326.14	0	48.854990	-86.937687	56212.47	56231.5	18.52	56230.99	56232.67188	56221.12323	56221.71875	504570.9	5411337.8
L4570.0	504570.9	5411336.5	31271.40039	326.53	0	48.854978	-86.937687	56211.73	56231.5	18.52	56230.26	56231.99609	56205.73589	56206.54688	504570.9	5411336.5
L4570.0	504570.9	5411335.1	31271.50000	325.20	0	48.854966	-86.937687	56211.66	56231.5	18.52	56230.18	56231.97266	56206.12820	56207.15625	504570.9	5411335.1
L4570.0	504570.9	5411335.1	31271.59961	325.68	0	48.854966	-86.937687	56211.61	56231.5	18.53	56230.13	56231.98047	56207.15225	56208.40234	504570.9	5411335.1
L4570.0	504570.9	5411333.7	31271.69922	325.96	0	48.854953	-86.937687	56211.76	56231.5	18.53	56230.28	56232.18359	56212.90793	56214.38281	504570.9	5411333.7
L4570.0	504570.9	5411333.7	31271.80078	327.08	0	48.854953	-86.937687	56211.02	56231.5	18.53	56229.55	56231.51172	56197.30603	56199.01172	504570.9	5411333.7
L4570.0	504570.9	5411332.1	31271.80078	327.08	0	48.854939	-86.937687	56211.05	56231.5	18.53	56229.57	56231.58984	56199.70405	56201.64453	504570.9	5411332.1
L4570.0	504570.9	5411330.8	31272.00000	328.17	0	48.854928	-86.937687	56211.15	56231.5	18.53	56229.68	56231.75781	56204.17372	56206.35156	504570.9	5411330.8
L4570.0	504570.9	5411329.6	31272.09961	327.88	0	48.854916	-86.937688	56211.50	56231.5	18.53	56230.03	56232.16406	56214.38877	56216.80469	504570.9	5411329.6
L4570.0	504570.9	5411329.6	31272.19922	326.85	0	48.854916	-86.937688	56211.10	56231.5	18.53	56229.63	56231.82031	56206.27274	56208.93359	504570.9	5411329.6
L4570.0	504570.9	5411328.2	31272.30078	327.22	0	48.854904	-86.937688	56210.96	56231.5	18.53	56229.49	56231.73828	56204.35649	56207.26563	504570.9	5411328.2
L4570.0	504570.9	5411326.4	31272.40039	326.87	0	48.854887	-86.937688	56211.13	56231.5	18.53	56229.66	56231.96875	56209.94163	56213.10156	504570.9	5411326.4
L4570.0	504570.9	5411326.4	31272.50000	328.21	0	48.854887	-86.937688	56211.33	56231.5	18.53	56229.86	56232.22656	56216.20699	56219.61719	504570.9	5411326.4
L4570.0	504570.8	5411325.1	31272.59961	327.46	0	48.854876	-86.937689	56211.40	56231.5	18.54	56229.94	56232.36328	56219.43841	56223.10547	504570.8	5411325.1
L4570.0	504570.8	5411323.8	31272.69922	328.71	0	48.854864	-86.937689	56211.23	56231.5	18.54	56229.76	56232.24219	56216.11908	56220.04688	504570.8	5411323.8
L4570.0	504570.8	5411323.8	31272.80078	328.61	0	48.854864	-86.937689	56211.25	56231.5	18.54	56229.79	56232.33203	56217.90073	56222.08984	504570.8	5411323.8
L4570.0	504570.7	5411321.9	31272.90039	328.54	0	48.854847	-86.937690	56211.02	56231.5	18.54	56229.56	56232.16016	56213.08367	56217.53906	504570.7	5411321.9
L4570.0	504570.7	5411320.8	31273.00000	327.56	0	48.854837	-86.937690	56211.45	56231.5	18.54	56229.99	56232.64844	56219.53115	56224.25781	504570.7	5411320.8
L4570.0	504570.7	5411319.6	31273.09961	328.98	0	48.854826	-86.937691	56211.25	56231.5	18.54	56229.79	56232.50781	56216.19245	56221.18750	504570.7	5411319.6
L4570.0	504570.7	5411319.6	31273.19922	327.85	0	48.854826	-86.937691	56211.38	56231.5	18.54	56229.92	56232.69531	56219.00042	56224.26953	504570.7	5411319.6
L4570.0	504570.7	5411318.0	31273.30078	327.02	0	48.854812	-86.937691	56211.13	56231.5	18.54	56229.66	56232.49609	56214.36265	56219.91016	504570.7	5411318.0
L4570.0	504570.6	5411316.2	31273.40039	328.73	0	48.854796	-86.937692	56210.98	56231.5	18.54	56229.52	56232.41406	56214.87076	56220.69531	504570.6	5411316.2
L4570.0	504570.6	5411314.6	31273.50000	328.00	0	48.854782	-86.937692	56210.56	56231.5	18.53	56229.10	56232.05078	56204.60633	56210.71094	504570.6	5411314.6
L4570.0	504570.6	5411314.6	31273.59961	328.33	0	48.854782	-86.937692	56210.59	56231.5	18.53	56229.12	56232.12891	56205.18470	56211.57422	504570.6	5411314.6
L4570.0	504570.6	5411313.3	31273.69922	327.66	0	48.854770	-86.937692	56210.67	56231.5	18.53	56229.20	56232.26563	56207.11480	56213.78906	504570.6	5411313.3
L4570.0	504570.6	5411311.5	31273.80078	328.52	0	48.854754	-86.937692	56210.66	56231.5	18.53	56229.19	56232.31250	56206.69091	56213.65234	504570.6	5411311.5
L4570.0	504570.6	5411311.5	31273.80078	328.52	0	48.854754	-86.937692	56210.56	56231.5	18.53	56229.10	56232.28125	56204.19113	56211.44531	504570.6	5411311.5
L4570.0	504570.5	5411309.4	31274.00000	327.25	0	48.854735	-86.937693	56210.59	56231.5	18.53	56229.12	56232.35938	56204.26124	56211.80469	504570.5	5411309.4
L4570.0	504570.5	5411308.0	31274.09961	326.68	0	48.854723	-86.937693	56211.09	56231.5	18.53	56229.61	56232.90234	56215.52335	56223.35938	504570.5	5411308.0
L4570.0	504570.5	5411306.7	31274.19922	326.02	0	48.854710	-86.937693	56211.00	56231.5	18.53	56229.52	56232.87109	56212.61405	56220.74609	504570.5	5411306.7
L4570.0	504570.5	5411306.7	31274.30078	326.39	0	48.854710	-86.937693	56210.92	56231.5	18.53	56229.44	56232.84375	56209.84311	56218.26953	504570.5	5411306.7
L4570.0	504570.5	5411304.7	31274.40039	326.81	0	48.854692	-86.937693	56210.70	56231.5	18.53	56229.22	56232.67969	56203.66747	56212.39453	504570.5	5411304.7
L4570.0	504570.5	5411304.7	31274.50000	325.05	0	48.854692	-86.937693	56210.81	56231.5	18.52	56229.33	56232.84375	56205.16215	56214.18750	504570.5	5411304.7
L4570.0	504570.5	5411303.3	31274.59961	324.94	0	48.854680	-86.937693	56211.00	56231.5	18.52	56229.52	56233.08984	56208.34880	56217.67188	504570.5	5411303.3
L4570.0	504570.5	5411301.9	31274.69922	325.20	0	48.854667	-86.937693	56211.20	56231.5	18.52	56229.72	56233.34375	56211.57587	56221.19531	504570.5	5411301.9
L4570.0	504570.5	5411300.6	31274.80078	324.45	0	48.854656	-86.937693	56211.07	56231.5	18.52	56229.60	56233.27344	56207.25322	56217.17578	504570.5	5411300.6
L4570.0	504570.5	5411300.6	31274.90039	323.03	0	48.854656	-86.937693	56211.20	56231.5	18.52	56229.72	56233.44922	56208.31256	56218.53906	504570.5	5411300.6
L4570.0	504570.5	5411298.8	31275.00000	320.87	0	48.854639	-86.937693	56211.28	56231.5	18.52	56229.80	56233.57813	56208.29181	56218.82031	504570.5	5411298.8
L4570.0	504570.5	5411297.5	31275.09961	320.64	0	48.854627	-86.937693	56211.28	56231.5	18.52	56229.79	56233.62109	56206.05987	56216.88672	504570.5	5411297.5
L4570.0	504570.5	5411297.5	31275.19922	322.52	0	48.854627	-86.937693	56211.64	56231.5	18.51	56230.15	56234.03125	56212.09045	56223.21875	504570.5	5411297.5
L4570.0	504570.5	5411295.7	31275.30078	322.76	0	48.854611	-86.937693	56211.73	56231.5	18.51	56230.24	56234.16797	56211.81275	56223.24219	504570.5	5411295.7

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4570.0	504570.6	5411294.3	31275.40039	323.03	0	48.854599	-86.937693	56212.02	56231.5	18.50	56230.52	56234.49609	56215.71144	56227.44531	504570.6	5411294.3
L4570.0	504570.6	5411292.5	31275.50000	324.82	0	48.854582	-86.937693	56212.04	56231.5	18.50	56230.54	56234.56250	56213.52756	56225.56250	504570.6	5411292.5
L4570.0	504570.6	5411290.8	31275.59961	326.36	0	48.854568	-86.937692	56212.51	56231.5	18.50	56231.00	56235.07031	56221.29534	56233.62891	504570.6	5411290.8
L4570.0	504570.6	5411290.8	31275.69922	323.27	0	48.854568	-86.937692	56212.60	56231.5	18.49	56231.09	56235.20703	56220.44608	56233.07813	504570.6	5411290.8
L4570.0	504570.6	5411288.7	31275.80078	324.68	0	48.854548	-86.937692	56212.69	56231.5	18.49	56231.18	56235.33984	56219.44899	56232.38281	504570.6	5411288.7
L4570.0	504570.6	5411288.7	31275.80078	324.68	0	48.854548	-86.937692	56212.29	56231.5	18.49	56230.78	56234.98438	56206.79889	56220.03125	504570.6	5411288.7
L4570.0	504570.6	5411287.2	31276.00000	325.88	0	48.854535	-86.937692	56212.45	56231.5	18.48	56230.93	56235.17578	56206.82471	56220.35156	504570.6	5411287.2
L4570.0	504570.6	5411285.9	31276.09961	325.21	0	48.854523	-86.937692	56212.83	56231.5	18.48	56231.31	56235.59766	56212.21497	56226.03516	504570.6	5411285.9
L4570.0	504570.6	5411285.9	31276.19922	325.42	0	48.854523	-86.937692	56212.99	56231.5	18.48	56231.46	56235.78906	56212.03793	56226.14844	504570.6	5411285.9
L4570.0	504570.6	5411284.1	31276.30078	323.41	0	48.854507	-86.937692	56213.47	56231.5	18.47	56231.95	56236.31641	56220.01521	56234.41797	504570.6	5411284.1
L4570.0	504570.6	5411282.6	31276.40039	323.98	0	48.854493	-86.937692	56213.91	56231.5	18.47	56232.38	56236.78516	56226.55489	56241.24609	504570.6	5411282.6
L4570.0	504570.6	5411282.6	31276.50000	326.55	0	48.854493	-86.937692	56214.26	56231.5	18.47	56232.73	56237.17188	56231.12147	56246.10156	504570.6	5411282.6
L4570.0	504570.6	5411280.7	31276.59961	328.90	0	48.854476	-86.937692	56213.77	56231.5	18.47	56232.23	56236.70703	56214.45914	56229.71875	504570.6	5411280.7
L4570.0	504570.6	5411279.2	31276.69922	329.04	0	48.854463	-86.937692	56213.96	56231.5	18.47	56232.42	56236.93359	56211.80653	56227.34766	504570.6	5411279.2
L4570.0	504570.6	5411279.2	31276.80078	330.47	0	48.854463	-86.937692	56214.06	56231.5	18.46	56232.52	56237.06641	56210.35860	56226.17578	504570.6	5411279.2
L4570.0	504570.6	5411277.5	31276.90039	330.61	0	48.854448	-86.937692	56214.01	56231.5	18.46	56232.47	56237.04688	56206.00448	56222.09766	504570.6	5411277.5
L4570.0	504570.6	5411276.2	31277.00000	331.15	0	48.854436	-86.937692	56214.85	56231.5	18.46	56233.31	56237.91797	56218.69684	56235.06250	504570.6	5411276.2
L4570.0	504570.6	5411276.2	31277.09961	330.57	0	48.854436	-86.937692	56215.02	56231.5	18.46	56233.48	56238.11719	56218.54445	56235.17578	504570.6	5411276.2
L4570.0	504570.6	5411274.9	31277.19922	330.22	0	48.854424	-86.937692	56215.42	56231.5	18.46	56233.88	56238.54297	56222.79938	56239.69141	504570.6	5411274.9
L4570.0	504570.6	5411273.5	31277.30078	328.48	0	48.854412	-86.937692	56215.05	56231.5	18.46	56233.51	56238.19922	56212.27033	56229.42188	504570.6	5411273.5
L4570.0	504570.6	5411272.3	31277.40039	327.29	0	48.854401	-86.937692	56215.56	56231.5	18.46	56234.01	56238.72266	56218.43027	56235.83984	504570.6	5411272.3
L4570.0	504570.6	5411272.3	31277.50000	326.83	0	48.854401	-86.937692	56215.82	56231.5	18.45	56234.28	56239.01563	56220.17171	56237.83203	504570.6	5411272.3
L4570.0	504570.6	5411270.5	31277.59961	329.59	0	48.854385	-86.937693	56216.08	56231.5	18.45	56234.53	56239.28906	56221.52313	56239.42969	504570.6	5411270.5
L4570.0	504570.6	5411269.1	31277.69922	329.23	0	48.854372	-86.937693	56216.09	56231.5	18.45	56234.55	56239.32813	56221.07316	56239.21875	504570.6	5411269.1
L4570.0	504570.6	5411267.4	31277.80078	328.01	0	48.854357	-86.937693	56216.26	56231.5	18.45	56234.71	56239.50781	56220.19970	56238.58203	504570.6	5411267.4
L4570.0	504570.6	5411267.4	31277.80078	328.01	0	48.854357	-86.937693	56216.38	56231.5	18.45	56234.83	56239.64453	56218.35502	56236.97266	504570.6	5411267.4
L4570.0	504570.5	5411265.8	31278.00000	327.43	0	48.854342	-86.937693	56216.09	56231.6	18.45	56234.54	56239.36719	56206.64156	56225.48438	504570.5	5411265.8
L4570.0	504570.5	5411264.3	31278.09961	327.02	0	48.854329	-86.937694	56216.48	56231.6	18.45	56234.93	56239.77344	56211.41183	56230.47656	504570.5	5411264.3
L4570.0	504570.5	5411264.3	31278.19922	326.16	0	48.854329	-86.937694	56216.43	56231.6	18.44	56234.88	56239.73438	56205.67898	56224.95313	504570.5	5411264.3
L4570.0	504570.5	5411262.7	31278.30078	325.92	0	48.854315	-86.937694	56217.53	56231.6	18.44	56235.97	56240.83594	56226.74739	56246.23047	504570.5	5411262.7
L4570.0	504570.5	5411261.1	31278.40039	322.60	0	48.854301	-86.937694	56217.40	56231.6	18.44	56235.84	56240.71094	56219.12199	56238.80859	504570.5	5411261.1
L4570.0	504570.5	5411259.5	31278.50000	323.22	0	48.854286	-86.937695	56217.93	56231.6	18.43	56236.37	56241.25000	56226.80356	56246.68750	504570.5	5411259.5
L4570.0	504570.5	5411259.5	31278.59961	321.30	0	48.854286	-86.937695	56217.73	56231.6	18.43	56236.16	56241.04297	56217.49772	56237.57422	504570.5	5411259.5
L4570.0	504570.4	5411258.1	31278.69922	321.61	0	48.854273	-86.937695	56217.91	56231.6	18.43	56236.33	56241.21875	56216.93185	56237.18750	504570.4	5411258.1
L4570.0	504570.4	5411258.1	31278.80078	321.25	0	48.854273	-86.937695	56218.05	56231.6	18.43	56236.47	56241.35938	56215.69560	56236.12891	504570.4	5411258.1
L4570.0	504570.4	5411256.4	31278.90039	323.91	0	48.854258	-86.937695	56218.32	56231.6	18.42	56236.74	56241.62891	56217.38194	56237.98438	504570.4	5411256.4
L4570.0	504570.4	5411255.0	31279.00000	323.10	0	48.854246	-86.937695	56218.91	56231.6	18.42	56237.33	56242.21484	56226.22465	56246.99219	504570.4	5411255.0
L4570.0	504570.4	5411253.6	31279.09961	322.47	0	48.854232	-86.937695	56218.85	56231.6	18.42	56237.27	56242.15234	56220.51021	56241.42969	504570.4	5411253.6
L4570.0	504570.4	5411251.9	31279.19922	322.43	0	48.854218	-86.937695	56219.14	56231.6	18.42	56237.56	56242.43750	56222.64775	56243.71094	504570.4	5411251.9
L4570.0	504570.4	5411251.9	31279.30078	324.22	0	48.854218	-86.937695	56218.90	56231.6	18.42	56237.32	56242.18750	56212.87519	56234.07813	504570.4	5411251.9
L4570.0	504570.5	5411250.7	31279.40039	322.34	0	48.854206	-86.937695	56219.65	56231.6	18.42	56238.07	56242.92969	56225.43822	56246.77344	504570.5	5411250.7
L4570.0	504570.5	5411249.5	31279.50000	322.34	0	48.854196	-86.937695	56220.13	56231.6	18.42	56238.55	56243.39844	56232.03084	56253.49219	504570.5	5411249.5
L4570.0	504570.5	5411249.5	31279.59961	325.41	0	48.854196	-86.937695	56220.75	56231.6	18.42	56239.17	56244.00391	56241.99534	56263.57422	504570.5	5411249.5
L4570.0	504570.5	5411247.6	31279.69922	325.67	0	48.854179	-86.937694	56220.69	56231.6	18.42	56239.11	56243.92969	56236.39724	56258.07813	504570.5	5411247.6
L4570.0	504570.5	5411247.6	31279.80078	324.14	0	48.854179	-86.937694	56220.79	56231.6	18.42	56239.21	56244.01172	56234.49544	56256.27734	504570.5	5411247.6
L4570.0	504570.5	5411245.0	31279.80078	324.14	0	48.854156	-86.937694	56220.94	56231.6	18.42	56239.36	56244.14453	56233.79391	56255.66406	504570.5	5411245.0
L4570.0	504570.5	5411245.0	31279.90039	325.32	0	48.854156	-86.937694	56220.90	56231.6	18.42	56239.32	56244.08203	56228.56289	56250.51953	504570.5	5411245.0
L4570.0	504570.5	5411243.9	31280.00000	325.48	0	48.854146	-86.937694	56221.33	56231.6	18.42	56239.75	56244.49219	56234.70167	56256.73047	504570.5	5411243.9
L4570.0	504570.5	5411242.0	31280.09961	326.18	0	48.854128	-86.937694	56221.46	56231.6	18.42	56239.88	56244.59766	56233.65869	56255.75000	504570.5	5411242.0
L4570.0	504570.5	5411242.0	31280.30078	329.36	0	48.854128	-86.937694	56222.34	56231.6	18.41	56240.76	56245.44922	56251.31383	56273.45703	504570.5	5411242.0
L4570.0	504570.5	5411240.3	31280.40039	329.01	0	48.854113	-86.937694	56222.46	56231.6	18.41	56240.87	56245.53125	56252.34846	56274.53906	504570.5	5411240.3
L4570.0	504570.5	5411238.9	31280.50000	328.86	0	48.854101	-86.937694	56222.56	56231.6	18.41	56240.97	56245.60156	56251.51119	56273.74219	504570.5	5411238.9
L4570.0	504570.5	5411237.2	31280.59961	330.82	0	48.854085	-86.937694	56222.36	56231.6	18.41	56240.76	56245.35938	56244.63757	56266.89453	504570.5	5411237.2
L4570.0	504570.5	5411237.2	31280.69922	330.25	0	48.854085	-86.937694	56222.23	56231.6	18.41	56240.63	56245.19922	56239.17953	56261.45313	504570.5	5411237.2
L4570.0	504570.5	5411235.9	31280.80078	330.69	0	48.854074	-86.937694	56222.63	56231.6	18.40	56241.03	56245.56250	56244.01152	56266.29297	504570.5	5411235.9
L4570.0	504570.5	5411234.3	31280.90039	330.59	0	48.854059	-86.937694	56222.43	56231.6	18.40	56240.83	56245.32422	56237.01000	56259.29297	504570.5	5411234.3
L4570.0	504570.5	5411234.3	31281.00000	328.98	0	48.854059	-86.937694	56222.64	56231.6	18.40	56241.04	56245.49609	56238.01778	56260.29297	504570.5	5411234.3
L4570.0	504570.5	5411232.1	31281.09961	329.94	0	48.854039	-86.937694	56222.46	56231.6	18.40	56240.86	56245.27734	56231.19908	56253.45313	504570.5	5411232.1
L4570.0	504570.6	5411230.8	31281.19922	331.11	0	48.854027	-86.937694	56222.94	56231.6	18.40	56241.34	56245.71484	56237.45578	56259.67969	504570.6	5411230.8
L4570.0	504570.6	5411230.8	31281.30078	330.09	0	48.854027	-86.937694	56222.94	56231.6	18.40	56241.34	56245.66797	56234.04216	56256.22656	504570.6	5411230.8
L4570.0	504570.6	5411227.6	31281.40039	331.16	0	48.853998	-86.937693	56222.64	56231.6	18.40	56241.03	56245.31250	56224.30553	56246.44141	504570.6	5411227.6
L4570.0	504570.6	5411227.6	31281.50000	330.26	0	48.853998	-86.937693	56222.15	56231.6	18.39	56240.55	56244.78516	56211.04655	56233.12891	504570.6	5411227.6
L4570.0	504570.6	5411225.6	31281.59961	329.56	0	48.853981	-86.937692	56223.14	56231.6	18.39	56241.54	56245.72656	56227.13475	56249.14844	504570.6	5411225.6
L4570.0	504570.6	5411225.6	31281.69922	330.31	0	48.853981	-86.937692	56224.11	56231.6	18.39	56242.50	56246.63281	56242.44498	56264.37891	504570.6	5411225.6
L4570.0	504570.7	5411224.2	31281.80078	329.49	0	48.853968	-86.937692	56224.96	56231.6	18.39	56243.35	56247.42969	56255.33451	56277.17969	504570.7	5411224.2
L4570.0	504570.7	5411223.0	31281.80078	329.49	0	48.853958	-86.937692	56224.62	56231.6	18.39	56243.01	56247.03516	56244.29262	56266.04297	504570.7	5411223.0
L4570.0	504570.7	5411221.7	31282.00000	325.98	0	48.853945	-86.937692	56223.27	56231.6	18.39	56241.66	56245.62891	56213.09209	56234.73828	504570.7	5411221.7
L4570.0	504570.7	5411221.7	31282.09961	326.86	0	48.853945	-86.937692	56223.33	56231.6	18.39	56241.72	56245.63281	56209.76361	56231.29297	504570.7	5411221.7
L4570.0	504570.7	5411219.9	31282.19922	327.39	0	48.853930	-86.937691	56223.83	56231.6	18.39	56242.21	56246.06250	56214.70079	56236.10156	504570.7	5411219.9
L4570.0	504570.8	5411218.1	31282.30078	327.70	0	48.853914	-86.937691	56224.73	56231.6	18.38	56243.11	56246.90234	56227.38730	56248.64844	504570.8	5411218.1
L4570.0	504570.8	5411216.7	31282.40039	329.00	0	48.853901	-86.937691	56224.64	56231.6	18.38	56243.03	56246.75781	56220.58872	56241.70703	504570.8	5411216.7
L4570.0	504570.8	5411216.7	31282.50000	329.15	0	48.853901	-86.937691	56225.32	56231.6	18.38	56243.70	56247.36328	56228.13061	56249.09766	504570.8	5411216.7
L4570.0	504570.8	5411215.6	31282.59961	329.32	0	48.853891	-86.937691	56225.70	56231.6	18.38	56244.07	56247.66797	56229.50817	56250.30859	504570.8	5411215.6
L4570.0	504570.7	5411213.9	31282.69922	327.56	0	48.853876	-86.937691	56225.82	56231.6	18.38	56244.20	56247.73047	56225.94539	56246.57031	504570.7	5411213.9
L4570.0	504570.7	5411213.9	31282.80078	327.75	0	48.853876	-86.937691	56225.34	56231.6	18.37	56243.71	56247.17188	56210.23649	56230.67969	504570.7	5411213.9
L4570.0	504570.7	5411212.1	31282.90039	326.48	0	48.853859	-86.937692	56224.98	56231.6	18.37	56243.35	56246.74219	56196.81962	56217.07031	504570.7	5411212.1
L4570.0	504570.7	5411210.6	31283.00000	328.13	0	48.853846	-86.937692	56225.02	56231.6	18.37	56243.39	56246.71094	56190.75108	56210.80078	504570.7	5411210.6
L4570.0	504570.7	5411210.6	31283.09961	327.46	0	48.853846	-86.937692	56225.19	56231.6	18.37	56243.56	56246.80859	56182.25782	56202.09766	504570.7	5411210.6
L4570.0	504570.7	5411209.5	31283.19922	328.05	0	48.853836	-86.937692	56226.05	56231.6	18.37	56244.42	56247.59766	56195.34289	56214.96094	504570.7	5411209.5
L4570.0	504570.6	5411207.8	31283.30078	329.14	0	48.853821	-86.937693	56226.75	56231.6	18.37	56245.11	56248.21094	56203.57888	56222.96875	504570.6	5411207.8
L4570.0	504570.6	5411206.1	31283.40039	327.86	0	48.853806	-86.937693	56227.38	56231.6	18.37	56245.74	56248.76563	56209.70520	56228.85938	504570.6	5411206.1
L4570.0	504570.6	5411206.1	31283.50000	327.78	0	48.853806	-86.937693	56227.99	56231.6	18.36	56246.36	56249.30469	56214.94151	56233.85156	504570.6	5411206.1
L4570.0	504570.6	5411204.5	31283.59961	327.87	0	48.853791	-86.937694	56228.32	56231.6	18.36	56246.69	56249.55859	56212.50091	56231.15625	504570.6	5411204.5
L4570.0	504570.6	5411202.9	31283.69922	324.72	0	48.853777	-86.937694	56228.61	56231.6	18.36	56246.97	56249.75781	56208.24750	56226.64063	504570.6	5411202.9
L4570.0	504570.6	5411201.5	31283.80078	324.53	0	48.853764	-86.937694	56228.68	56231.6	18.36	56247.04	56249.74609	56198.34799	56216.46875	504570.6	5411201.5
L4570.0	504570.6	5411201.5	31283.80078	324.53	0	48.853764	-86.937694	56229.46	56231.6	18.36	56247.83	56250.45313	56204.97099	56222.81250	504570.6	5411201.5
L4570.0	504570.6	5411199.5	31284.00000	324.91	0	48.853746	-86.937694	56229.93	56231.6	18.36	56248.29	56250.83203	56202.97799	56220.53516	504570.6	5411199.5
L4570.0	504570.6	5411199.5	31284.09961	326.72	0	48.853746	-86.937694	56230.63	56231.6	18.36	56248.98	56251.43750	56205.65453	56222.91797	504570.6	5411199.5
L4570.0	504570.6	5411196.7	31284.19922	327.32	0	48.853721	-86.937694	56230.95	56231.6	18.35	56249.31	56251.67969	56199.03554	56215.99219	504570.6	5411196.7
L4570.0	504570.6	5411196.7	31284.30078	326.07	0	48.853721	-86.937694	56231.52	56231.7	18.35	56249.86	56252.14453	56196.76756	56213.41406	504570.6	5411196.7
L4570.0	504570.6	5411195.3	31284.40039	323.24	0	48.853708	-86.937694	56231.69	56231.7	18.34	56250.03	56252.22656	56184.71138	56201.04297	504570.6	5411195.3
L4570.0	504570.6	5411195.3	31284.50000	324.38	0	48.853708	-86.937694	56232.02	56231.7	18.34	56250.36	56252.46875	56175.50550	56191.51563	504570.6	5411195.3
L4570.0	504570.6	5411193.7	31284.59961	322.33	0	48.853694	-86.937694	56232.79	56231.7	18.34	56251.13	56253.15234	56175.67303	56191.35156	504570.6	5411193.7

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4570.0	504570.5	5411192.3	31284.69922	322.11	0	48.853681	-86.937694	56233.63	56231.7	18.33	56251.96	56253.89453	56176.27818	56191.61719	504570.5	5411192.3
L4570.0	504570.5	5411190.9	31284.80078	323.84	0	48.853668	-86.937694	56235.53	56231.7	18.33	56253.86	56255.70313	56201.10038	56216.09375	504570.5	5411190.9
L4570.0	504570.5	5411190.9	31284.90039	325.07	0	48.853668	-86.937694	56236.07	56231.7	18.32	56254.40	56256.15234	56192.91370	56207.55469	504570.5	5411190.9
L4570.0	504570.5	5411189.5	31285.00000	324.93	0	48.853656	-86.937694	56236.85	56231.7	18.32	56255.17	56256.83203	56189.10198	56203.39063	504570.5	5411189.5
L4570.0	504570.5	5411188.1	31285.09961	325.65	0	48.853643	-86.937694	56237.38	56231.7	18.32	56255.70	56257.26953	56178.50275	56192.42578	504570.5	5411188.1
L4570.0	504570.5	5411186.1	31285.19922	328.02	0	48.853625	-86.937695	56239.27	56231.7	18.32	56257.59	56259.06641	56199.25261	56212.80469	504570.5	5411186.1
L4570.0	504570.5	5411186.1	31285.30078	329.71	0	48.853625	-86.937695	56240.49	56231.7	18.32	56258.81	56260.19141	56203.01957	56216.19531	504570.5	5411186.1
L4570.0	504570.5	5411184.8	31285.40039	329.12	0	48.853614	-86.937695	56241.63	56231.7	18.32	56259.94	56261.23047	56203.55883	56216.35938	504570.5	5411184.8
L4570.0	504570.5	5411184.8	31285.50000	326.69	0	48.853614	-86.937695	56241.89	56231.7	18.31	56260.21	56261.40625	56182.16079	56194.57813	504570.5	5411184.8
L4570.0	504570.5	5411183.2	31285.59961	326.86	0	48.853599	-86.937695	56242.70	56231.7	18.31	56261.01	56262.11328	56172.35312	56184.37891	504570.5	5411183.2
L4570.0	504570.5	5411181.8	31285.69922	327.29	0	48.853586	-86.937695	56243.48	56231.7	18.31	56261.79	56262.79688	56160.85440	56172.48438	504570.5	5411181.8
L4570.0	504570.5	5411180.2	31285.80078	329.04	0	48.853573	-86.937695	56245.09	56231.7	18.31	56263.41	56264.32031	56168.75907	56179.98828	504570.5	5411180.2
L4570.0	504570.5	5411180.2	31285.80078	329.04	0	48.853573	-86.937695	56247.65	56231.7	18.31	56265.96	56266.77734	56198.51647	56209.34375	504570.5	5411180.2
L4570.0	504570.5	5411178.5	31286.00000	328.74	0	48.853557	-86.937695	56249.50	56231.7	18.31	56267.81	56268.53125	56210.04908	56220.47266	504570.5	5411178.5
L4570.0	504570.5	5411177.0	31286.09961	328.66	0	48.853544	-86.937695	56251.39	56231.7	18.31	56269.70	56270.32813	56221.50547	56231.51563	504570.5	5411177.0
L4570.0	504570.5	5411175.4	31286.19922	329.79	0	48.853530	-86.937695	56251.78	56231.7	18.31	56270.08	56270.60938	56194.39683	56203.99219	504570.5	5411175.4
L4570.0	504570.5	5411175.4	31286.30078	327.94	0	48.853530	-86.937695	56253.54	56231.7	18.30	56271.84	56272.27344	56200.38997	56209.56641	504570.5	5411175.4
L4570.0	504570.5	5411173.6	31286.40039	326.00	0	48.853513	-86.937695	56254.36	56231.7	18.30	56272.66	56273.00000	56181.91955	56190.67578	504570.5	5411173.6
L4570.0	504570.5	5411173.6	31286.50000	326.87	0	48.853513	-86.937695	56256.75	56231.7	18.30	56275.05	56275.29297	56201.39739	56209.73438	504570.5	5411173.6
L4570.0	504570.5	5411172.1	31286.59961	328.55	0	48.853499	-86.937695	56258.08	56231.7	18.30	56276.38	56276.52734	56193.45765	56201.36719	504570.5	5411172.1
L4570.0	504570.5	5411170.2	31286.69922	328.77	0	48.853482	-86.937695	56260.13	56231.7	18.30	56278.42	56278.47266	56202.08318	56209.56250	504570.5	5411170.2
L4570.0	504570.5	5411170.2	31286.80078	328.67	0	48.853482	-86.937695	56262.32	56231.7	18.29	56280.61	56280.56641	56213.33646	56220.38281	504570.5	5411170.2
L4570.0	504570.5	5411168.6	31286.90039	325.55	0	48.853468	-86.937695	56264.33	56231.7	18.29	56282.62	56282.48047	56219.06037	56225.67578	504570.5	5411168.6
L4570.0	504570.4	5411167.0	31287.00000	324.86	0	48.853454	-86.937696	56266.84	56231.7	18.29	56285.13	56284.89844	56236.00312	56242.18750	504570.4	5411167.0
L4570.0	504570.4	5411167.0	31287.09961	327.03	0	48.853454	-86.937696	56268.03	56231.7	18.29	56286.32	56285.99219	56219.54955	56225.29688	504570.4	5411167.0
L4570.0	504570.4	5411165.7	31287.19922	327.97	0	48.853442	-86.937696	56270.36	56231.7	18.29	56288.65	56288.23047	56229.99555	56235.30469	504570.4	5411165.7
L4570.0	504570.4	5411164.0	31287.30078	326.96	0	48.853427	-86.937696	56271.91	56231.7	18.29	56290.20	56289.68359	56220.48857	56225.35938	504570.4	5411164.0
L4570.0	504570.4	5411164.0	31287.40039	326.26	0	48.853427	-86.937696	56274.64	56231.7	18.29	56292.94	56292.33203	56238.82884	56243.26563	504570.4	5411164.0
L4570.0	504570.4	5411162.4	31287.50000	326.13	0	48.853412	-86.937696	56276.89	56231.7	18.29	56295.19	56294.48828	56244.32565	56248.32422	504570.4	5411162.4
L4570.0	504570.4	5411161.2	31287.59961	328.69	0	48.853401	-86.937696	56279.57	56231.7	18.30	56297.87	56297.07422	56259.18724	56262.74609	504570.4	5411161.2
L4570.0	504570.4	5411159.9	31287.69922	327.58	0	48.853389	-86.937696	56281.50	56231.7	18.30	56299.80	56298.91406	56255.17944	56258.29688	504570.4	5411159.9
L4570.0	504570.4	5411159.9	31287.80078	325.98	0	48.853389	-86.937696	56283.71	56231.7	18.30	56302.01	56301.03125	56257.02482	56259.70313	504570.4	5411159.9
L4570.0	504570.4	5411158.3	31287.80078	325.98	0	48.853375	-86.937696	56286.71	56231.7	18.30	56305.01	56303.94141	56276.85309	56279.09766	504570.4	5411158.3
L4570.0	504570.4	5411157.3	31288.00000	325.25	0	48.853366	-86.937696	56288.40	56231.7	18.30	56306.70	56305.53906	56264.71683	56266.52344	504570.4	5411157.3
L4570.0	504570.5	5411155.9	31288.09961	325.04	0	48.853353	-86.937696	56291.46	56231.7	18.30	56309.76	56308.50781	56284.42388	56285.79688	504570.5	5411155.9
L4570.0	504570.5	5411155.9	31288.19922	324.95	0	48.853353	-86.937696	56293.84	56231.7	18.30	56312.14	56310.80078	56287.26027	56288.19531	504570.5	5411155.9
L4570.0	504570.5	5411154.3	31288.30078	323.91	0	48.853339	-86.937695	56296.92	56231.7	18.29	56315.21	56313.78125	56305.89787	56306.39844	504570.5	5411154.3
L4570.0	504570.5	5411152.7	31288.40039	323.78	0	48.853325	-86.937695	56298.13	56231.7	18.29	56316.42	56314.90234	56279.50451	56279.57422	504570.5	5411152.7
L4570.0	504570.5	5411152.7	31288.50000	324.35	0	48.853325	-86.937695	56300.98	56231.7	18.29	56319.27	56317.66797	56291.71089	56291.35156	504570.5	5411152.7
L4570.0	504570.5	5411150.7	31288.59961	325.40	0	48.853307	-86.937695	56303.38	56231.7	18.29	56321.67	56319.98047	56292.60026	56291.81250	504570.5	5411150.7
L4570.0	504570.6	5411149.2	31288.69922	325.88	0	48.853294	-86.937694	56306.39	56231.7	18.29	56324.67	56322.89453	56307.50948	56306.29297	504570.6	5411149.2
L4570.0	504570.6	5411149.2	31288.80078	325.79	0	48.853294	-86.937694	56308.71	56231.7	18.28	56327.00	56325.14063	56305.77631	56304.13672	504570.6	5411149.2
L4570.0	504570.6	5411147.2	31288.90039	327.33	0	48.853275	-86.937694	56311.19	56231.7	18.28	56329.47	56327.52734	56307.01595	56304.95703	504570.6	5411147.2
L4570.0	504570.6	5411145.5	31289.00000	326.06	0	48.853260	-86.937694	56314.43	56231.7	18.28	56332.71	56330.68359	56326.85089	56324.37500	504570.6	5411145.5
L4570.0	504570.6	5411145.5	31289.09961	327.42	0	48.853260	-86.937694	56317.46	56231.7	18.28	56335.75	56333.64453	56341.62314	56338.73047	504570.6	5411145.5
L4570.0	504570.6	5411143.9	31289.19922	329.09	0	48.853246	-86.937693	56320.10	56231.7	18.29	56338.38	56336.19141	56346.04694	56342.74219	504570.6	5411143.9
L4570.0	504570.7	5411142.5	31289.30078	329.40	0	48.853233	-86.937693	56322.34	56231.7	18.29	56340.63	56338.36328	56342.91971	56339.20703	504570.7	5411142.5
L4570.0	504570.7	5411142.5	31289.40039	329.67	0	48.853233	-86.937693	56324.79	56231.7	18.29	56343.08	56340.73438	56345.10371	56340.98828	504570.7	5411142.5
L4570.0	504570.7	5411141.1	31289.50000	328.86	0	48.853221	-86.937693	56327.62	56231.7	18.29	56345.92	56343.49609	56354.62475	56350.10938	504570.7	5411141.1
L4570.0	504570.7	5411139.4	31289.59961	328.51	0	48.853205	-86.937693	56331.63	56231.7	18.30	56349.93	56347.42969	56386.66424	56381.75000	504570.7	5411139.4
L4570.0	504570.7	5411138.1	31289.69922	328.56	0	48.853193	-86.937692	56335.21	56231.7	18.30	56353.51	56350.93359	56410.57139	56405.26172	504570.7	5411138.1
L4570.0	504570.7	5411138.1	31289.80078	330.89	0	48.853193	-86.937692	56338.09	56231.7	18.30	56356.39	56353.74219	56420.97206	56415.27344	504570.7	5411138.1
L4570.0	504570.7	5411136.7	31289.80078	330.89	0	48.853181	-86.937692	56339.32	56231.7	18.30	56357.62	56354.89844	56399.16913	56393.08594	504570.7	5411136.7
L4570.0	504570.7	5411135.2	31290.00000	332.30	0	48.853168	-86.937692	56341.73	56231.7	18.31	56360.04	56357.24609	56400.48686	56394.02734	504570.7	5411135.2
L4570.0	504570.7	5411135.2	31290.09961	330.57	0	48.853168	-86.937692	56343.60	56231.7	18.31	56361.91	56359.04688	56391.02317	56384.18750	504570.7	5411135.2
L4570.0	504570.7	5411133.3	31290.19922	329.63	0	48.853151	-86.937692	56346.34	56231.7	18.31	56364.65	56361.71484	56398.66558	56391.45703	504570.7	5411133.3
L4570.0	504570.7	5411131.9	31290.30078	327.69	0	48.853138	-86.937692	56349.14	56231.7	18.31	56367.45	56364.44531	56407.58586	56400.01172	504570.7	5411131.9
L4570.0	504570.7	5411130.7	31290.40039	325.90	0	48.853127	-86.937692	56351.82	56231.7	18.31	56370.13	56367.05859	56414.26687	56406.33203	504570.7	5411130.7
L4570.0	504570.7	5411130.7	31290.50000	326.63	0	48.853127	-86.937692	56355.11	56231.7	18.32	56373.42	56370.28516	56433.10360	56424.81250	504570.7	5411130.7
L4570.0	504570.8	5411129.1	31290.59961	327.72	0	48.853113	-86.937692	56357.76	56231.7	18.32	56376.08	56372.87891	56439.71292	56431.07422	504570.8	5411129.1
L4570.0	504570.7	5411127.5	31290.69922	328.73	0	48.853098	-86.937692	56361.34	56231.7	18.32	56379.66	56376.39844	56464.62178	56455.63281	504570.7	5411127.5
L4570.0	504570.7	5411125.8	31290.80078	330.59	0	48.853083	-86.937692	56363.36	56231.7	18.32	56381.67	56378.34375	56458.87891	56449.55078	504570.7	5411125.8
L4570.0	504570.7	5411125.8	31290.90039	328.75	0	48.853083	-86.937692	56365.93	56231.7	18.32	56384.25	56380.86328	56464.61328	56454.95313	504570.7	5411125.8
L4570.0	504570.7	5411124.4	31291.00000	328.99	0	48.853071	-86.937693	56368.41	56231.7	18.32	56386.73	56383.28516	56468.67896	56458.69141	504570.7	5411124.4
L4570.0	504570.7	5411123.0	31291.09961	328.15	0	48.853058	-86.937693	56370.91	56231.7	18.32	56389.22	56385.71875	56473.26834	56462.95703	504570.7	5411123.0
L4570.0	504570.7	5411121.4	31291.19922	329.23	0	48.853044	-86.937693	56373.15	56231.7	18.31	56391.47	56387.91016	56473.50783	56462.87891	504570.7	5411121.4
L4570.0	504570.7	5411121.4	31291.30078	327.32	0	48.853044	-86.937693	56375.55	56231.7	18.31	56393.86	56390.24609	56476.86976	56465.92969	504570.7	5411121.4
L4570.0	504570.7	5411119.9	31291.40039	328.41	0	48.853030	-86.937693	56377.95	56231.7	18.31	56396.26	56392.58984	56480.82582	56469.58594	504570.7	5411119.9
L4570.0	504570.7	5411118.5	31291.50000	329.00	0	48.853017	-86.937693	56380.02	56231.7	18.31	56398.32	56394.59766	56478.56328	56467.02344	504570.7	5411118.5
L4570.0	504570.7	5411116.9	31291.59961	326.79	0	48.853003	-86.937693	56382.11	56231.7	18.30	56400.41	56396.63672	56477.34137	56465.50781	504570.7	5411116.9
L4570.0	504570.7	5411116.9	31291.69922	327.98	0	48.853003	-86.937693	56384.23	56231.7	18.30	56402.53	56398.70703	56477.18046	56465.05859	504570.7	5411116.9
L4570.0	504570.7	5411115.5	31291.80078	330.44	0	48.852990	-86.937693	56386.96	56231.7	18.30	56405.25	56401.37891	56489.17449	56476.77344	504570.7	5411115.5
L4570.0	504570.7	5411113.7	31291.80078	330.44	0	48.852974	-86.937693	56389.20	56231.7	18.30	56407.50	56403.58203	56492.52329	56479.85156	504570.7	5411113.7
L4570.0	504570.7	5411112.5	31292.00000	329.30	0	48.852964	-86.937693	56391.86	56231.7	18.29	56410.15	56406.18750	56504.13621	56491.19531	504570.7	5411112.5
L4570.0	504570.7	5411111.2	31292.09961	329.16	0	48.852952	-86.937693	56394.13	56231.7	18.29	56412.42	56408.41406	56508.90720	56495.70703	504570.7	5411111.2
L4570.0	504570.7	5411111.2	31292.19922	328.15	0	48.852952	-86.937693	56396.68	56231.7	18.29	56414.98	56410.92969	56519.81005	56506.35156	504570.7	5411111.2
L4570.0	504570.7	5411111.2	31292.30078	328.66	0	48.852952	-86.937693	56398.57	56231.7	18.29	56416.87	56412.78125	56518.35023	56504.64453	504570.7	5411111.2
L4570.0	504570.7	5411109.6	31292.40039	328.71	0	48.852937	-86.937693	56400.31	56231.7	18.29	56418.60	56414.46875	56514.41840	56500.47266	504570.7	5411109.6
L4570.0	504570.7	5411108.0	31292.50000	327.85	0	48.852923	-86.937693	56402.75	56231.7	18.29	56421.05	56416.88281	56524.88743	56510.70703	504570.7	5411108.0
L4570.0	504570.7	5411106.9	31292.59961	327.25	0	48.852913	-86.937692	56404.72	56231.7	18.30	56423.02	56418.81641	56526.75964	56512.35156	504570.7	5411106.9
L4570.0	504570.8	5411105.2	31292.69922	328.86	0	48.852898	-86.937692	56406.84	56231.7	18.30	56425.14	56420.89844	56532.10806	56517.47656	504570.8	5411105.2
L4570.0	504570.8	5411105.2	31292.80078	327.11	0	48.852898	-86.937692	56408.88	56231.7	18.30	56427.18	56422.90625	56536.55032	56521.70313	504570.8	5411105.2
L4570.0	504570.8	5411103.8	31292.90039	329.11	0	48.852885	-86.937692	56410.97	56231.7	18.30	56429.27	56424.96094	56542.56841	56527.51563	504570.8	5411103.8
L4570.0	504570.8	5411102.0	31293.00000	328.79	0	48.852869	-86.937691	56412.33	56231.7	18.30	56430.63	56426.29297	56521.03795	56505.78125	504570.8	5411102.0
L4570.0	504570.8	5411102.0	31293.09961	331.07	0	48.852869	-86.937691	56414.14	56231.7	18.30	56432.44	56428.07031	56523.22497	56507.77344	504570.8	5411102.0
L4570.0	504570.9	5411100.2	31293.19922	328.53	0	48.852853	-86.937691	56416.06	56231.7	18.30	56434.36	56429.96484	56529.07937	56513.43359	504570.9	5411100.2
L4570.0	504570.9	5411098.8	31293.30078	327.37	0	48.852840	-86.937691	56417.25	56231.7	18.31	56435.56	56431.13672	56518.07430	56502.25000	504570.9	5411098.8
L4570.0	504570.9	5411098.8	31293.40039	326.07	0	48.852840	-86.937691	56419.14	56231.7	18.31	56437.45	56433.00000	56525.10599	56509.10547	504570.9	5411098.8
L4570.0	504570.9	5411097.0	31293.50000	324.97	0	48.852824	-86.937690	56421.34	56231.7	18.31	56439.65	56435.17578	56540.70333	56524.53516	504570.9	5411097.0
L4570.0	504570.9	5411095.5	31293.59961	326.53	0	48.852810	-86.937690	56422.99	56231.7	18.31	56441.30	56436.80469	56543.72606	56527.39063	504570.9	5411095.5
L4570.0	504571.0	5411094.3	31293.69922	326.96	0	48.852799	-86.937689	56424.76	56231.7	18.31	56443.07	56438.55469	56550.66942	56534.17578	504571.0	5411094.3
L4570.0	504571.0	5411094.3	31293.80078	326.10	0	48.852799	-86.937689	56426.14	56231.7	18.32	56444.45	56439.91406	56549.04935	56532.40625	504571.0	5411094.3
L4570.0	504571.0	5411092.7	31293.80078	326.10	0	48.852785	-86.937689	56427.62	56231.7	18.32	56445.93	56441.37500	56550.87523	56534.09375	504571.0	5411092.7

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4570.0	504571.0	5411091.3	31294.00000	326.46	0	48.852773	-86.937689	56428.76	56231.7	18.32	56447.08	56442.50781	56545.63549	56528.71484	504571.0	5411091.3
L4570.0	504571.0	5411091.3	31294.09961	327.40	0	48.852773	-86.937689	56430.22	56231.7	18.32	56448.54	56443.95313	56548.95999	56531.90625	504571.0	5411091.3
L4570.0	504571.0	5411087.9	31294.19922	326.17	0	48.852742	-86.937688	56431.14	56231.7	18.32	56449.46	56444.85938	56540.07728	56522.89844	504571.0	5411087.9
L4570.0	504571.0	5411087.9	31294.30078	325.21	0	48.852742	-86.937688	56432.79	56231.7	18.31	56451.11	56446.49609	56550.00225	56532.70703	504571.0	5411087.9
L4570.0	504571.0	5411087.9	31294.40039	325.09	0	48.852742	-86.937688	56433.74	56231.7	18.31	56452.05	56447.42578	56543.55084	56526.14453	504571.0	5411087.9
L4570.0	504571.1	5411086.0	31294.50000	325.68	0	48.852725	-86.937688	56435.12	56231.7	18.31	56453.43	56448.79297	56548.82092	56531.30859	504571.1	5411086.0
L4570.0	504571.1	5411084.7	31294.59961	326.92	0	48.852713	-86.937688	56436.49	56231.7	18.31	56454.80	56450.15625	56554.81315	56537.20313	504571.1	5411084.7
L4570.0	504571.1	5411084.7	31294.69922	326.84	0	48.852713	-86.937688	56437.44	56231.7	18.31	56455.74	56451.08984	56551.23208	56533.52734	504571.1	5411084.7
L4570.0	504571.1	5411083.2	31294.80078	327.35	0	48.852700	-86.937688	56438.82	56231.7	18.30	56457.12	56452.46094	56559.38850	56541.59375	504571.1	5411083.2
L4570.0	504571.1	5411081.8	31294.90039	327.43	0	48.852688	-86.937688	56439.20	56231.7	18.30	56457.50	56452.83594	56543.94103	56526.06641	504571.1	5411081.8
L4570.0	504571.1	5411080.2	31295.00000	326.94	0	48.852673	-86.937688	56440.78	56231.7	18.30	56459.08	56454.41406	56558.90650	56540.96094	504571.1	5411080.2
L4570.0	504571.1	5411080.2	31295.09961	327.54	0	48.852673	-86.937688	56441.29	56231.7	18.30	56459.59	56454.92188	56548.48272	56530.46484	504571.1	5411080.2
L4570.0	504571.1	5411078.6	31295.19922	327.50	0	48.852659	-86.937688	56442.88	56231.7	18.30	56461.18	56456.51172	56565.58269	56547.50000	504571.1	5411078.6
L4570.0	504571.1	5411077.4	31295.30078	326.39	0	48.852647	-86.937688	56443.67	56231.7	18.30	56461.97	56457.30078	56563.87668	56545.73828	504571.1	5411077.4
L4570.0	504571.1	5411077.4	31295.40039	327.52	0	48.852647	-86.937688	56444.71	56231.7	18.30	56463.02	56458.35547	56569.48824	56551.30078	504571.1	5411077.4
L4570.0	504571.1	5411075.5	31295.50000	328.39	0	48.852630	-86.937688	56445.27	56231.7	18.31	56463.58	56458.91797	56563.86246	56545.62891	504571.1	5411075.5
L4570.0	504571.1	5411074.1	31295.59961	327.36	0	48.852618	-86.937687	56445.73	56231.7	18.31	56464.04	56459.38281	56556.61491	56538.33984	504571.1	5411074.1
L4570.0	504571.1	5411074.1	31295.69922	327.93	0	48.852618	-86.937687	56446.66	56231.7	18.31	56464.96	56460.30859	56561.61951	56543.30859	504571.1	5411074.1
L4570.0	504571.1	5411072.4	31295.80078	326.67	0	48.852602	-86.937687	56447.24	56231.7	18.31	56465.55	56460.90625	56559.29226	56540.95313	504571.1	5411072.4
L4570.0	504571.1	5411070.8	31295.80078	326.67	0	48.852589	-86.937687	56448.31	56231.7	18.31	56466.62	56461.98438	56569.72860	56551.37109	504571.1	5411070.8
L4570.0	504571.2	5411069.5	31296.00000	323.78	0	48.852577	-86.937687	56448.57	56231.7	18.31	56466.88	56462.25391	56560.89208	56542.51563	504571.2	5411069.5
L4570.0	504571.2	5411069.5	31296.09961	322.87	0	48.852577	-86.937687	56449.77	56231.7	18.31	56468.08	56463.46484	56576.25535	56557.86719	504571.2	5411069.5
L4570.0	504571.2	5411068.1	31296.19922	323.33	0	48.852564	-86.937687	56450.02	56231.7	18.31	56468.33	56463.72656	56568.83323	56550.43750	504571.2	5411068.1
L4570.0	504571.2	5411068.1	31296.30078	324.40	0	48.852564	-86.937687	56450.84	56231.7	18.31	56469.15	56464.55859	56576.43118	56558.03516	504571.2	5411068.1
L4570.0	504571.2	5411066.4	31296.40039	325.69	0	48.852549	-86.937687	56450.66	56231.7	18.31	56468.97	56464.39453	56559.90190	56541.51172	504571.2	5411066.4
L4570.0	504571.2	5411064.8	31296.50000	328.18	0	48.852534	-86.937687	56451.30	56231.7	18.31	56469.60	56465.03906	56574.77906	56556.39844	504571.2	5411064.8
L4570.0	504571.2	5411063.6	31296.59961	326.99	0	48.852524	-86.937687	56451.25	56231.7	18.30	56469.55	56465.00391	56565.64429	56547.27734	504571.2	5411063.6
L4570.0	504571.2	5411063.6	31296.69922	327.45	0	48.852524	-86.937687	56451.91	56231.7	18.30	56470.21	56465.68359	56570.48594	56552.13672	504571.2	5411063.6
L4570.0	504571.1	5411061.9	31296.80078	328.07	0	48.852509	-86.937687	56452.24	56231.7	18.30	56470.54	56466.03125	56569.61187	56551.28906	504571.1	5411061.9
L4570.0	504571.1	5411060.1	31296.90039	327.72	0	48.852492	-86.937688	56452.55	56231.7	18.30	56470.85	56466.36328	56568.87221	56550.57813	504571.1	5411060.1
L4570.0	504571.1	5411058.8	31297.00000	327.86	0	48.852480	-86.937688	56453.21	56231.7	18.30	56471.51	56467.04297	56575.32589	56557.06641	504571.1	5411058.8
L4570.0	504571.1	5411058.8	31297.09961	327.24	0	48.852480	-86.937688	56453.19	56231.7	18.30	56471.49	56467.04688	56569.26108	56551.04297	504571.1	5411058.8
L4570.0	504571.0	5411056.9	31297.19922	326.27	0	48.852464	-86.937689	56453.88	56231.7	18.30	56472.17	56467.75000	56577.08408	56558.90625	504571.0	5411056.9
L4570.0	504571.0	5411055.0	31297.30078	325.25	0	48.852446	-86.937689	56453.98	56231.7	18.30	56472.27	56467.87500	56574.21787	56556.08984	504571.0	5411055.0
L4570.0	504571.0	5411055.0	31297.40039	325.26	0	48.852446	-86.937689	56454.69	56231.7	18.30	56472.99	56468.62109	56583.76034	56565.68750	504571.0	5411055.0
L4570.0	504571.0	5411053.6	31297.50000	326.68	0	48.852434	-86.937690	56454.56	56231.7	18.29	56472.86	56468.51953	56577.30549	56559.29297	504571.0	5411053.6
L4570.0	504570.9	5411051.9	31297.59961	328.79	0	48.852418	-86.937690	56454.59	56231.7	18.29	56472.88	56468.56641	56574.14420	56556.19531	504570.9	5411051.9
L4570.0	504570.9	5411050.7	31297.69922	329.52	0	48.852407	-86.937691	56454.16	56231.7	18.29	56472.45	56468.16797	56562.60680	56544.72266	504570.9	5411050.7
L4570.0	504570.9	5411049.2	31297.80078	329.24	0	48.852394	-86.937691	56454.52	56231.7	18.29	56472.81	56468.55859	56566.83109	56549.01953	504570.9	5411049.2
L4570.0	504570.9	5411049.2	31297.80078	329.24	0	48.852394	-86.937691	56454.46	56231.7	18.29	56472.75	56468.52734	56563.24878	56545.51563	504570.9	5411049.2
L4570.0	504570.9	5411047.6	31298.00000	326.18	0	48.852380	-86.937691	56455.02	56231.7	18.29	56473.31	56469.12109	56572.18317	56554.53125	504570.9	5411047.6
L4570.0	504570.9	5411046.2	31298.09961	328.55	0	48.852367	-86.937691	56455.61	56231.7	18.29	56473.90	56469.74609	56582.11439	56564.54688	504570.9	5411046.2
L4570.0	504570.9	5411046.2	31298.19922	329.37	0	48.852367	-86.937691	56455.76	56231.7	18.29	56474.05	56469.92969	56583.78841	56566.30859	504570.9	5411046.2
L4570.0	504570.9	5411045.0	31298.30078	329.34	0	48.852357	-86.937691	56454.97	56231.7	18.29	56473.26	56469.17578	56567.27175	56549.88672	504570.9	5411045.0
L4570.0	504570.9	5411043.3	31298.40039	328.15	0	48.852341	-86.937691	56453.36	56231.7	18.29	56471.65	56467.60156	56534.80130	56517.51172	504570.9	5411043.3
L4570.0	504570.9	5411042.3	31298.50000	326.58	0	48.852332	-86.937692	56452.60	56231.7	18.28	56470.88	56466.86719	56519.15686	56501.96875	504570.9	5411042.3
L4570.0	504570.9	5411042.3	31298.59961	328.17	0	48.852332	-86.937692	56452.73	56231.7	18.28	56471.01	56467.03906	56521.62475	56504.54297	504570.9	5411042.3
L4570.0	504570.9	5411040.5	31298.69922	328.69	0	48.852316	-86.937692	56453.26	56231.7	18.28	56471.54	56467.60547	56532.34729	56515.37109	504570.9	5411040.5
L4570.0	504570.8	5411039.0	31298.80078	328.52	0	48.852302	-86.937692	56453.88	56231.7	18.28	56472.16	56468.26953	56545.17358	56528.31250	504570.8	5411039.0
L4570.0	504570.8	5411037.9	31298.90039	328.43	0	48.852292	-86.937692	56454.87	56231.7	18.28	56473.15	56469.30078	56565.67236	56548.92969	504570.8	5411037.9
L4570.0	504570.8	5411036.6	31299.00000	329.03	0	48.852281	-86.937692	56454.87	56231.7	18.28	56473.15	56469.34375	56566.71158	56550.08984	504570.8	5411036.6
L4570.0	504570.8	5411036.6	31299.09961	328.79	0	48.852281	-86.937692	56453.77	56231.7	18.28	56472.05	56468.28516	56546.04136	56529.54297	504570.8	5411036.6
L4570.0	504570.8	5411034.9	31299.19922	329.28	0	48.852265	-86.937693	56453.06	56231.7	18.28	56471.34	56467.62109	56533.37966	56517.00391	504570.8	5411034.9
L4570.0	504570.7	5411033.3	31299.30078	329.34	0	48.852251	-86.937693	56452.93	56231.7	18.28	56471.21	56467.53516	56532.52727	56516.28516	504570.7	5411033.3
L4570.0	504570.7	5411033.3	31299.40039	329.53	0	48.852251	-86.937693	56453.04	56231.7	18.28	56471.32	56467.69141	56536.68686	56520.58203	504570.7	5411033.3
L4570.0	504570.7	5411031.7	31299.50000	331.30	0	48.852236	-86.937694	56453.26	56231.7	18.29	56471.55	56467.96875	56543.44769	56527.48047	504570.7	5411031.7
L4570.0	504570.6	5411030.3	31299.59961	330.88	0	48.852224	-86.937694	56453.32	56231.7	18.29	56471.60	56468.06641	56546.81448	56530.98828	504570.6	5411030.3
L4570.0	504570.6	5411030.3	31299.69922	330.48	0	48.852224	-86.937694	56453.44	56231.7	18.29	56471.72	56468.23438	56551.75817	56536.07422	504570.6	5411030.3
L4570.0	504570.6	5411028.7	31299.80078	329.78	0	48.852210	-86.937695	56453.06	56231.7	18.29	56471.35	56467.91406	56547.13587	56531.60156	504570.6	5411028.7
L4570.0	504570.6	5411028.7	31299.80078	329.78	0	48.852210	-86.937695	56452.16	56231.7	18.29	56470.45	56467.06641	56532.19732	56516.81641	504570.6	5411028.7
L4570.0	504570.6	5411027.2	31300.00000	330.39	0	48.852196	-86.937696	56451.84	56231.7	18.29	56470.13	56466.79688	56528.96492	56513.73828	504570.6	5411027.2
L4570.0	504570.5	5411025.6	31300.09961	329.50	0	48.852181	-86.937696	56451.63	56231.7	18.29	56469.92	56466.63672	56528.07989	56513.00781	504570.5	5411025.6
L4570.0	504570.5	5411024.4	31300.19922	329.13	0	48.852171	-86.937697	56451.73	56231.7	18.29	56470.02	56466.79297	56533.44517	56518.53125	504570.5	5411024.4
L4570.0	504570.5	5411023.0	31300.30078	327.95	0	48.852159	-86.937697	56451.27	56231.7	18.29	56469.56	56466.38672	56527.94964	56513.20313	504570.5	5411023.0
L4570.0	504570.5	5411023.0	31300.40039	328.65	0	48.852159	-86.937697	56450.58	56231.7	18.29	56468.87	56465.75000	56518.15340	56503.57422	504570.5	5411023.0
L4570.0	504570.5	5411021.4	31300.50000	327.99	0	48.852144	-86.937697	56450.38	56231.7	18.29	56468.67	56465.60547	56518.09406	56503.68359	504570.5	5411021.4
L4570.0	504570.4	5411019.8	31300.59961	327.35	0	48.852130	-86.937698	56450.31	56231.7	18.29	56468.60	56465.58984	56520.67977	56506.44141	504570.4	5411019.8
L4570.0	504570.4	5411019.8	31300.69922	326.57	0	48.852130	-86.937698	56449.84	56231.7	18.29	56468.13	56465.17969	56515.68750	56501.62500	504570.4	5411019.8
L4570.0	504570.4	5411018.4	31300.80078	328.38	0	48.852117	-86.937698	56449.82	56231.7	18.29	56468.11	56465.21484	56519.47244	56505.58984	504570.4	5411018.4
L4570.0	504570.4	5411017.0	31300.90039	327.78	0	48.852104	-86.937698	56449.79	56231.7	18.29	56468.08	56465.24219	56523.14906	56509.44922	504570.4	5411017.0
L4570.0	504570.3	5411015.4	31301.00000	326.78	0	48.852090	-86.937699	56449.41	56231.7	18.29	56467.70	56464.92188	56522.48376	56508.96484	504570.3	5411015.4
L4570.0	504570.3	5411014.0	31301.09961	326.85	0	48.852077	-86.937699	56449.31	56231.7	18.29	56467.60	56464.88281	56525.97219	56512.64063	504570.3	5411014.0
L4570.0	504570.3	5411014.0	31301.19922	325.77	0	48.852077	-86.937699	56448.23	56231.7	18.29	56466.52	56463.86328	56505.39581	56492.25391	504570.3	5411014.0
L4570.0	504570.3	5411012.2	31301.30078	326.63	0	48.852061	-86.937700	56448.52	56231.7	18.28	56466.80	56464.20313	56518.47350	56505.52344	504570.3	5411012.2
L4570.0	504570.3	5411012.2	31301.40039	328.13	0	48.852061	-86.937700	56448.34	56231.7	18.28	56466.62	56464.08594	56520.32298	56507.57031	504570.3	5411012.2
L4570.0	504570.3	5411010.8	31301.50000	327.89	0	48.852049	-86.937700	56448.16	56231.7	18.28	56466.44	56463.96875	56522.27335	56509.71484	504570.3	5411010.8
L4570.0	504570.3	5411009.3	31301.59961	326.45	0	48.852035	-86.937700	56447.32	56231.7	18.28	56465.60	56463.19141	56508.53809	56496.17969	504570.3	5411009.3
L4570.0	504570.2	5411008.0	31301.69922	326.85	0	48.852023	-86.937700	56446.98	56231.7	18.28	56465.26	56462.91406	56507.01114	56494.85547	504570.2	5411008.0
L4570.0	504570.2	5411008.0	31301.80078	326.53	0	48.852023	-86.937700	56446.91	56231.7	18.27	56465.18	56462.89844	56511.79073	56499.83984	504570.2	5411008.0
L4570.0	504570.2	5411006.1	31301.80078	326.53	0	48.852007	-86.937700	56446.70	56231.7	18.27	56464.98	56462.76172	56513.85042	56502.10938	504570.2	5411006.1
L4570.0	504570.2	5411005.0	31302.00000	326.32	0	48.851996	-86.937700	56447.09	56231.7	18.27	56465.36	56463.20703	56529.61198	56518.07813	504570.2	5411005.0
L4570.0	504570.2	5411005.0	31302.09961	325.18	0	48.851996	-86.937700	56447.42	56231.7	18.27	56465.69	56463.60156	56544.25333	56532.92969	504570.2	5411005.0
L4570.0	504570.2	5411003.5	31302.19922	324.61	0	48.851983	-86.937700	56447.72	56231.7	18.27	56465.99	56463.96875	56558.29974	56547.18750	504570.2	5411003.5
L4570.0	504570.2	5411002.4	31302.30078	324.34	0	48.851973	-86.937700	56446.55	56231.7	18.26	56464.81	56462.85547	56538.23557	56527.34375	504570.2	5411002.4
L4570.0	504570.3	5411000.7	31302.40039	324.14	0	48.851958	-86.937700	56445.76	56231.7	18.26	56464.02	56462.13281	56527.48748	56516.81250	504570.3	5411000.7
L4570.0	504570.3	5411000.7	31302.50000	324.70	0	48.851958	-86.937700	56445.09	56231.7	18.26	56463.35	56461.53125	56519.75482	56509.30078	504570.3	5411000.7
L4570.0	504570.3	5410999.2	31302.59961	322.85	0	48.851944	-86.937700	56444.82	56231.7	18.26	56463.07	56461.31641	56521.27198	56511.03516	504570.3	5410999.2
L4570.0	504570.3	5410999.2	31302.69922	323.07	0	48.851944	-86.937700	56444.48	56231.7	18.26	56462.74	56461.05469	56521.87121	56511.85938	504570.3	5410999.2
L4570.0	504570.3	5410997.7	31302.80078	323.42	0	48.851930	-86.937700	56444.25	56231.7	18.25	56462.51	56460.89453	56525.04934	56515.26563	504570.3	5410997.7
L4570.0	504570.3	5410997.7	31302.90039	324.00	0	48.851930	-86.937700	56443.36	56231.7	18.25	56461.61	56460.06250	56512.79732	56503.24219	504570.3	5410997.7
L4570.0	504570.3	5410994.6	31303.00000	325.01	0	48.851903	-86.937699	56442.64	56231.8	18.25	56460.89	56459.41406	56504.87999	56495.55078	504570.3	5410994.6
L4570.0	504570.3	5410994.6	31303.09961	325.50	0	48.851903	-86.937699	56442.52	56231.8	18.25	56460.77	56459.36328	56511.31936	56502.22266	504570.3	5410994.6
L4570.0	504570.4	5410993.0	31303.19922	325.18	0	48.851889	-86.937699	56442.26	56231.8	18.25	56460.51	56459.17188	56514.72141	56505.85547	504570.4	5410993.0

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4570.0	504570.4	5410991.6	31303.30078	325.90	0	48.851876	-86.937699	56441.93	56231.8	18.25	56460.18	56458.91016	56516.70419	56508.07422	504570.4	5410991.6
L4570.0	504570.4	5410991.6	31303.40039	325.87	0	48.851876	-86.937699	56441.34	56231.8	18.25	56459.59	56458.39063	56512.61453	56504.21875	504570.4	5410991.6
L4570.0	504570.4	5410989.8	31303.50000	327.39	0	48.851860	-86.937699	56441.06	56231.8	18.25	56459.31	56458.18359	56516.25490	56508.09766	504570.4	5410989.8
L4570.0	504570.4	5410988.2	31303.59961	328.19	0	48.851845	-86.937699	56440.35	56231.8	18.25	56458.60	56457.54297	56509.54066	56501.62109	504570.4	5410988.2
L4570.0	504570.3	5410986.8	31303.69922	328.82	0	48.851833	-86.937699	56440.20	56231.8	18.25	56458.45	56457.46484	56516.83684	56509.15625	504570.3	5410986.8
L4570.0	504570.3	5410986.8	31303.80078	331.44	0	48.851833	-86.937699	56439.58	56231.8	18.25	56457.83	56456.91406	56518.94521	56511.50781	504570.3	5410986.8
L4570.0	504570.3	5410985.2	31303.80078	331.44	0	48.851818	-86.937700	56438.87	56231.8	18.25	56457.12	56456.27734	56514.38524	56507.18750	504570.3	5410985.2
L4570.0	504570.3	5410985.2	31304.00000	329.92	0	48.851818	-86.937700	56438.41	56231.8	18.25	56456.66	56455.88672	56514.63034	56507.67578	504570.3	5410985.2
L4570.0	504570.3	5410983.3	31304.09961	329.03	0	48.851801	-86.937700	56437.90	56231.8	18.25	56456.15	56455.44922	56513.98789	56507.27734	504570.3	5410983.3
L4570.0	504570.2	5410982.0	31304.19922	330.18	0	48.851789	-86.937701	56437.77	56231.8	18.24	56456.01	56455.37891	56520.50410	56514.03906	504570.2	5410982.0
L4570.0	504570.2	5410980.6	31304.30078	330.38	0	48.851777	-86.937701	56437.21	56231.8	18.24	56455.45	56454.89063	56519.00875	56512.78906	504570.2	5410980.6
L4570.0	504570.2	5410980.6	31304.40039	329.42	0	48.851777	-86.937701	56436.57	56231.8	18.24	56454.81	56454.32422	56516.02095	56510.05078	504570.2	5410980.6
L4570.0	504570.2	5410979.2	31304.50000	329.42	0	48.851764	-86.937702	56435.70	56231.8	18.24	56453.94	56453.52344	56508.68310	56502.96094	504570.2	5410979.2
L4570.0	504570.1	5410977.9	31304.59961	329.30	0	48.851752	-86.937702	56435.38	56231.8	18.23	56453.61	56453.26563	56511.76050	56506.28516	504570.1	5410977.9
L4570.0	504570.1	5410976.5	31304.69922	328.67	0	48.851740	-86.937703	56435.22	56231.8	18.23	56453.45	56453.17578	56518.10420	56512.87500	504570.1	5410976.5
L4570.0	504570.1	5410976.5	31304.80078	328.76	0	48.851740	-86.937703	56434.89	56231.8	18.23	56453.11	56452.90625	56521.03580	56516.05859	504570.1	5410976.5
L4570.0	504570.1	5410974.9	31304.90039	327.41	0	48.851725	-86.937703	56434.73	56231.8	18.22	56452.96	56452.82813	56525.34215	56520.61719	504570.1	5410974.9
L4570.0	504570.0	5410973.2	31305.00000	325.74	0	48.851711	-86.937704	56434.07	56231.8	18.22	56452.29	56452.23047	56521.69352	56517.21875	504570.0	5410973.2
L4570.0	504570.0	5410973.2	31305.09961	326.99	0	48.851711	-86.937704	56433.87	56231.8	18.22	56452.09	56452.10156	56529.77089	56525.54297	504570.0	5410973.2
L4570.0	504570.0	5410970.3	31305.19922	327.84	0	48.851684	-86.937704	56432.39	56231.8	18.22	56450.61	56450.69141	56506.81441	56502.83984	504570.0	5410970.3
L4570.0	504570.0	5410970.3	31305.30078	328.94	0	48.851684	-86.937704	56432.18	56231.8	18.22	56450.40	56450.55078	56514.99525	56511.27344	504570.0	5410970.3
L4570.0	504570.0	5410968.9	31305.40039	326.04	0	48.851671	-86.937704	56430.63	56231.8	18.22	56448.84	56449.05859	56491.02507	56487.55469	504570.0	5410968.9
L4570.0	504570.0	5410968.9	31305.50000	325.10	0	48.851671	-86.937704	56430.60	56231.8	18.21	56448.82	56449.10938	56504.09377	56500.87109	504570.0	5410968.9
L4570.0	504570.0	5410967.2	31305.59961	323.62	0	48.851656	-86.937705	56429.66	56231.8	18.21	56447.87	56448.23047	56495.33343	56492.36328	504570.0	5410967.2
L4570.0	504569.9	5410965.5	31305.69922	323.80	0	48.851641	-86.937705	56428.91	56231.8	18.21	56447.13	56447.55859	56491.81269	56489.09375	504569.9	5410965.5
L4570.0	504569.9	5410964.2	31305.80078	322.27	0	48.851629	-86.937705	56427.95	56231.8	18.21	56446.16	56446.65625	56483.22393	56480.75781	504569.9	5410964.2
L4570.0	504569.9	5410962.8	31305.80078	322.27	0	48.851617	-86.937705	56427.31	56231.8	18.21	56445.52	56446.08594	56482.54766	56480.33203	504569.9	5410962.8
L4570.0	504569.9	5410962.8	31306.00000	321.55	0	48.851617	-86.937705	56427.11	56231.8	18.21	56445.32	56445.95313	56492.19394	56490.22656	504569.9	5410962.8
L4570.0	504569.9	5410961.4	31306.09961	323.76	0	48.851605	-86.937705	56426.08	56231.8	18.21	56444.29	56444.98828	56482.97048	56481.25000	504569.9	5410961.4
L4570.0	504569.9	5410960.0	31306.19922	323.36	0	48.851591	-86.937705	56426.18	56231.8	18.20	56444.39	56445.15625	56499.84161	56498.37109	504569.9	5410960.0
L4570.0	504569.9	5410960.0	31306.30078	326.10	0	48.851591	-86.937705	56424.88	56231.8	18.20	56443.08	56443.91406	56484.64771	56483.42969	504569.9	5410960.0
L4570.0	504569.9	5410958.2	31306.40039	325.85	0	48.851575	-86.937705	56424.55	56231.8	18.20	56442.75	56443.64844	56492.07391	56491.10156	504569.9	5410958.2
L4570.0	504569.9	5410957.0	31306.50000	324.87	0	48.851564	-86.937705	56423.86	56231.8	18.19	56442.06	56443.02344	56491.46243	56490.73828	504569.9	5410957.0
L4570.0	504569.9	5410957.0	31306.59961	323.43	0	48.851564	-86.937705	56423.53	56231.8	18.19	56441.72	56442.75000	56499.08470	56498.60547	504569.9	5410957.0
L4570.0	504569.9	5410955.1	31306.69922	324.37	0	48.851548	-86.937705	56422.56	56231.8	18.19	56440.75	56441.84375	56492.40001	56492.16406	504569.9	5410955.1
L4570.0	504569.9	5410953.7	31306.80078	324.56	0	48.851535	-86.937705	56421.62	56231.8	18.19	56439.81	56440.96484	56486.52043	56486.53125	504569.9	5410953.7
L4570.0	504569.9	5410953.7	31306.90039	323.59	0	48.851535	-86.937705	56420.88	56231.8	18.18	56439.06	56440.27734	56485.16159	56485.41797	504569.9	5410953.7
L4570.0	504569.9	5410952.4	31307.00000	324.00	0	48.851523	-86.937705	56419.66	56231.8	18.18	56437.84	56439.12109	56472.90371	56473.39844	504569.9	5410952.4
L4570.0	504569.9	5410950.9	31307.09961	324.12	0	48.851510	-86.937705	56419.37	56231.8	18.18	56437.55	56438.89063	56482.56075	56483.29297	504569.9	5410950.9
L4570.0	504569.9	5410950.9	31307.19922	326.17	0	48.851510	-86.937705	56418.22	56231.8	18.18	56436.40	56437.80078	56472.02718	56473.00000	504569.9	5410950.9
L4570.0	504569.9	5410948.9	31307.30078	326.71	0	48.851492	-86.937705	56417.64	56231.8	18.18	56435.81	56437.27344	56474.84095	56476.05469	504569.9	5410948.9
L4570.0	504569.9	5410947.7	31307.40039	326.37	0	48.851481	-86.937705	56416.74	56231.8	18.18	56434.92	56436.44141	56470.55412	56472.00391	504569.9	5410947.7
L4570.0	504569.9	5410946.3	31307.50000	327.14	0	48.851468	-86.937705	56416.52	56231.8	18.18	56434.69	56436.26953	56482.28914	56483.96875	504569.9	5410946.3
L4570.0	504569.9	5410946.3	31307.59961	328.13	0	48.851468	-86.937705	56415.62	56231.8	18.17	56433.79	56435.42578	56477.88590	56479.79688	504569.9	5410946.3
L4570.0	504569.9	5410944.9	31307.69922	327.30	0	48.851456	-86.937705	56414.52	56231.8	18.17	56432.70	56434.39453	56468.79438	56470.93750	504569.9	5410944.9
L4570.0	504569.9	5410942.9	31307.80078	327.98	0	48.851437	-86.937706	56413.42	56231.8	18.17	56431.59	56433.33984	56459.11953	56461.49219	504569.9	5410942.9
L4570.0	504569.9	5410942.9	31307.80078	327.98	0	48.851437	-86.937706	56412.91	56231.8	18.17	56431.09	56432.89453	56464.54068	56467.14063	504569.9	5410942.9
L4570.0	504569.9	5410941.5	31308.00000	327.80	0	48.851425	-86.937706	56412.48	56231.8	18.17	56430.65	56432.51172	56469.91245	56472.73438	504569.9	5410941.5
L4570.0	504569.9	5410941.5	31308.09961	327.77	0	48.851425	-86.937706	56411.64	56231.8	18.17	56429.81	56431.72266	56467.15206	56470.19922	504569.9	5410941.5
L4570.0	504569.9	5410939.8	31308.19922	327.73	0	48.851410	-86.937706	56411.25	56231.8	18.17	56429.42	56431.38672	56472.95836	56476.22656	504569.9	5410939.8
L4570.0	504569.9	5410938.1	31308.30078	326.87	0	48.851395	-86.937705	56410.16	56231.8	18.16	56428.32	56430.33594	56465.19014	56468.67578	504569.9	5410938.1
L4570.0	504569.9	5410936.4	31308.40039	325.49	0	48.851379	-86.937705	56409.26	56231.8	18.16	56427.42	56429.48828	56461.19519	56464.89844	504569.9	5410936.4
L4570.0	504569.9	5410936.4	31308.50000	328.02	0	48.851379	-86.937705	56408.06	56231.8	18.16	56426.22	56428.33984	56451.36991	56455.28516	504569.9	5410936.4
L4570.0	504569.9	5410934.8	31308.59961	328.46	0	48.851365	-86.937705	56407.27	56231.8	18.16	56425.43	56427.59766	56449.39542	56453.51953	504569.9	5410934.8
L4570.0	504569.9	5410933.4	31308.69922	329.79	0	48.851352	-86.937705	56406.10	56231.8	18.16	56424.26	56426.47656	56440.03833	56444.37109	504569.9	5410933.4
L4570.0	504569.9	5410933.4	31308.80078	329.59	0	48.851352	-86.937705	56405.77	56231.8	18.15	56423.92	56426.17969	56446.68303	56451.22656	504569.9	5410933.4
L4570.0	504569.9	5410932.1	31308.90039	328.61	0	48.851340	-86.937705	56405.16	56231.8	18.15	56423.31	56425.61719	56448.06266	56452.80859	504569.9	5410932.1
L4570.0	504570.0	5410930.2	31309.00000	328.08	0	48.851324	-86.937705	56404.93	56231.8	18.15	56423.08	56425.43359	56456.72308	56461.66406	504570.0	5410930.2
L4570.0	504570.0	5410928.8	31309.09961	330.13	0	48.851311	-86.937705	56404.26	56231.8	18.15	56422.41	56424.80469	56456.81119	56461.94922	504570.0	5410928.8
L4570.0	504570.0	5410928.8	31309.19922	330.46	0	48.851311	-86.937705	56403.35	56231.8	18.15	56421.50	56423.93750	56452.20807	56457.54297	504570.0	5410928.8
L4570.0	504570.0	5410927.5	31309.30078	331.20	0	48.851299	-86.937705	56402.04	56231.8	18.15	56420.19	56422.67188	56439.87586	56445.40625	504570.0	5410927.5
L4570.0	504570.0	5410926.2	31309.40039	330.42	0	48.851288	-86.937704	56401.13	56231.8	18.15	56419.28	56421.80078	56435.18736	56440.90625	504570.0	5410926.2
L4570.0	504570.0	5410926.2	31309.40039	330.42	0	48.851288	-86.937704	56400.54	56231.8	18.15	56418.69	56421.25000	56436.54796	56442.44922	504570.0	5410926.2
L4570.0	504570.0	5410924.8	31309.59961	327.22	0	48.851275	-86.937704	56399.92	56231.8	18.16	56418.08	56420.67969	56437.43228	56443.51563	504570.0	5410924.8
L4570.0	504570.0	5410923.0	31309.69922	326.56	0	48.851259	-86.937704	56399.26	56231.8	18.16	56417.42	56420.05859	56437.27169	56443.53516	504570.0	5410923.0
L4570.0	504570.0	5410923.0	31309.80078	325.24	0	48.851259	-86.937704	56398.60	56231.8	18.16	56416.76	56419.43359	56437.80341	56444.24609	504570.0	5410923.0
L4570.0	504570.0	5410921.7	31309.80078	325.24	0	48.851247	-86.937704	56398.46	56231.8	18.16	56416.62	56419.33203	56450.69235	56457.30469	504570.0	5410921.7
L4570.0	504570.0	5410920.3	31309.90039	326.28	0	48.851234	-86.937704	56397.93	56231.8	18.16	56416.09	56418.83594	56453.67650	56460.45703	504570.0	5410920.3
L4570.0	504570.1	5410918.7	31310.00000	326.29	0	48.851220	-86.937704	56397.09	56231.8	18.16	56415.25	56418.02734	56448.83655	56455.78516	504570.1	5410918.7
L4570.0	504570.1	5410918.7	31310.19922	324.78	0	48.851220	-86.937704	56396.18	56231.8	18.16	56414.33	56417.14063	56441.90838	56449.01953	504570.1	5410918.7
L4570.0	504570.1	5410916.6	31310.30078	325.77	0	48.851201	-86.937704	56395.38	56231.8	18.16	56413.54	56416.38281	56438.05702	56445.32813	504570.1	5410916.6
L4570.0	504570.1	5410915.4	31310.40039	326.49	0	48.851191	-86.937703	56394.62	56231.8	18.16	56412.77	56415.64453	56434.55468	56441.98047	504570.1	5410915.4
L4570.0	504570.1	5410914.0	31310.50000	325.53	0	48.851178	-86.937703	56394.26	56231.8	18.16	56412.41	56415.31250	56440.91876	56448.49609	504570.1	5410914.0
L4570.0	504570.1	5410914.0	31310.59961	325.90	0	48.851178	-86.937703	56393.19	56231.8	18.15	56411.34	56414.26953	56429.77467	56437.50000	504570.1	5410914.0
L4570.0	504570.1	5410912.9	31310.69922	324.72	0	48.851168	-86.937703	56392.68	56231.8	18.15	56410.83	56413.78906	56432.12596	56440.00000	504570.1	5410912.9
L4570.0	504570.1	5410911.4	31310.80078	326.44	0	48.851154	-86.937703	56391.61	56231.8	18.15	56409.76	56412.74609	56420.65535	56428.67188	504570.1	5410911.4
L4570.0	504570.1	5410910.0	31310.90039	327.72	0	48.851142	-86.937703	56390.86	56231.8	18.15	56409.01	56412.01953	56416.79122	56424.94141	504570.1	5410910.0
L4570.0	504570.1	5410910.0	31311.00000	329.19	0	48.851142	-86.937703	56390.48	56231.8	18.15	56408.63	56411.66406	56421.72860	56430.01172	504570.1	5410910.0
L4570.0	504570.2	5410908.7	31311.09961	328.06	0	48.851130	-86.937703	56390.33	56231.8	18.15	56408.48	56411.53906	56432.05188	56440.46484	504570.2	5410908.7
L4570.0	504570.2	5410907.1	31311.19922	327.02	0	48.851115	-86.937703	56389.87	56231.8	18.15	56408.02	56411.10156	56434.62216	56443.16406	504570.2	5410907.1
L4570.0	504570.2	5410905.2	31311.30078	325.94	0	48.851098	-86.937703	56388.92	56231.8	18.15	56407.07	56410.17188	56425.05413	56433.71875	504570.2	5410905.2
L4570.0	504570.2	5410905.2	31311.40039	326.49	0	48.851098	-86.937703	56388.36	56231.8	18.15	56406.51	56409.63281	56424.74599	56433.53125	504570.2	5410905.2
L4570.0	504570.2	5410903.5	31311.50000	327.07	0	48.851084	-86.937703	56387.54	56231.8	18.15	56405.69	56408.83203	56417.88235	56426.77734	504570.2	5410903.5
L4570.0	504570.1	5410901.9	31311.59961	326.70	0	48.851069	-86.937703	56387.19	56231.8	18.15	56405.34	56408.50000	56422.21347	56431.21875	504570.1	5410901.9
L4570.0	504570.1	5410901.9	31311.69922	328.31	0	48.851069	-86.937703	56386.91	56231.8	18.15	56405.06	56408.23828	56428.00537	56437.12109	504570.1	5410901.9
L4570.0	504570.1	5410900.5	31311.80078	328.27	0	48.851057	-86.937703	56386.14	56231.8	18.15	56404.29	56407.48438	56421.63600	56430.85547	504570.1	5410900.5
L4570.0	504570.1	5410898.9	31311.80078	328.27	0	48.851042	-86.937703	56385.64	56231.8	18.15	56403.79	56407.00000	56421.58288	56430.90234	504570.1	5410898.9
L4570.0	504570.1	5410897.8	31312.00000	327.55	0	48.851032	-86.937704	56384.94	56231.8	18.15	56403.09	56406.31250	56416.41179	56425.82422	504570.1	5410897.8
L4570.0	504570.1	5410897.8	31312.09961	326.91	0	48.851032	-86.937704	56384.58	56231.9	18.15	56402.73	56405.96875	56419.25075	56428.75391	504570.1	5410897.8
L4570.0	504570.0	5410896.4	31312.19922	327.31	0	48.851019	-86.937704	56383.88	56231.9	18.15	56402.02	56405.26953	56413.31424	56422.90625	504570.0	5410896.4
L4570.0	504570.0	5410894.7	31312.30078	326.93	0	48.851004	-86.937705	56383.46	56231.9	18.15	56401.61	56404.87500	56414.40911	56424.08594	504570.0	5410894.7
L4570.0	504570.0	5410894.7	31312.40039	324.75	0	48.851004	-86.937705	56383.03	56231.9	18.15	56401.17	56404.44531	56414.50531	56424.26172	504570.0	5410894.7
L4570.0	504570.0	5410893.1	31312.50000	326.37	0	48.850989	-86.937705	56382.52	56231.9	18.15	56400.67	56403.95703	56412.86790	56422.69531	504570.0	5410893.1

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4570.0	504570.0	5410891.7	31312.59961	325.95	0	48.850977	-86.937705	56382.16	56231.9	18.14	56400.30	56403.59375	56414.12325	56424.02344	504570.0	5410891.7
L4570.0	504570.0	5410891.7	31312.69922	326.10	0	48.850977	-86.937705	56381.45	56231.9	18.14	56399.59	56402.89453	56406.80331	56416.77344	504570.0	5410891.7
L4570.0	504570.0	5410890.0	31312.80078	325.20	0	48.850962	-86.937705	56381.44	56231.9	18.14	56399.58	56402.89063	56416.29669	56426.33203	504570.0	5410890.0
L4570.0	504570.0	5410888.9	31312.90039	322.75	0	48.850952	-86.937705	56381.32	56231.9	18.14	56399.46	56402.78125	56422.84289	56432.93750	504570.0	5410888.9
L4570.0	504570.0	5410887.3	31313.00000	325.17	0	48.850937	-86.937706	56380.86	56231.9	18.14	56399.00	56402.32813	56420.78662	56430.93359	504570.0	5410887.3
L4570.0	504570.0	5410887.3	31313.09961	325.89	0	48.850937	-86.937706	56379.64	56231.9	18.14	56397.78	56401.11328	56399.75455	56409.95313	504570.0	5410887.3
L4570.0	504569.9	5410885.6	31313.19922	327.84	0	48.850922	-86.937706	56378.74	56231.9	18.14	56396.88	56400.21875	56386.22696	56396.47656	504569.9	5410885.6
L4570.0	504569.9	5410884.0	31313.30078	328.02	0	48.850907	-86.937706	56378.54	56231.9	18.15	56396.68	56400.02344	56389.62714	56399.92188	504569.9	5410884.0
L4570.0	504569.9	5410884.0	31313.40039	327.50	0	48.850907	-86.937706	56378.23	56231.9	18.15	56396.38	56399.72656	56390.27338	56400.60547	504569.9	5410884.0
L4570.0	504569.9	5410882.8	31313.50000	328.08	0	48.850897	-86.937706	56378.79	56231.8	18.15	56396.94	56400.28906	56411.94194	56422.30859	504569.9	5410882.8
L4570.0	504569.9	5410881.4	31313.59961	328.61	0	48.850884	-86.937706	56378.34	56231.8	18.15	56396.49	56399.84375	56408.31616	56418.71484	504569.9	5410881.4
L4570.0	504569.9	5410879.6	31313.69922	327.28	0	48.850868	-86.937706	56378.56	56231.8	18.15	56396.72	56400.07813	56421.28850	56431.71875	504569.9	5410879.6
L4570.0	504569.9	5410879.6	31313.80078	327.77	0	48.850868	-86.937706	56377.34	56231.8	18.16	56395.50	56398.85938	56397.89125	56408.34766	504569.9	5410879.6
L4570.0	504569.9	5410878.2	31313.80078	327.77	0	48.850856	-86.937707	56377.64	56231.8	18.16	56395.80	56399.16016	56412.02372	56422.50000	504569.9	5410878.2
L4570.0	504569.8	5410877.0	31314.00000	327.38	0	48.850845	-86.937707	56376.86	56231.8	18.16	56395.02	56398.37891	56398.95641	56409.44922	504569.8	5410877.0
L4570.0	504569.8	5410875.3	31314.09961	328.21	0	48.850830	-86.937708	56376.90	56231.8	18.16	56395.06	56398.42188	56406.02456	56416.53125	504569.8	5410875.3
L4570.0	504569.8	5410875.3	31314.19922	328.47	0	48.850830	-86.937708	56376.83	56231.8	18.16	56394.99	56398.35156	56410.05312	56420.57031	504569.8	5410875.3
L4570.0	504569.8	5410874.2	31314.30078	328.61	0	48.850820	-86.937708	56376.75	56231.8	18.16	56394.91	56398.26953	56413.53127	56424.05469	504569.8	5410874.2
L4570.0	504569.8	5410872.5	31314.40039	329.37	0	48.850804	-86.937708	56376.70	56231.8	18.16	56394.86	56398.21875	56417.45385	56427.98047	504569.8	5410872.5
L4570.0	504569.8	5410872.5	31314.50000	328.04	0	48.850804	-86.937708	56376.01	56231.8	18.16	56394.17	56397.52734	56405.24173	56415.76563	504569.8	5410872.5
L4570.0	504569.8	5410871.2	31314.59961	327.47	0	48.850793	-86.937708	56376.37	56231.8	18.16	56394.53	56397.88672	56418.74211	56429.26172	504569.8	5410871.2
L4570.0	504569.7	5410869.9	31314.69922	328.15	0	48.850781	-86.937709	56375.58	56231.8	18.16	56393.74	56397.09766	56403.58648	56414.09766	504569.7	5410869.9
L4570.0	504569.7	5410868.4	31314.80078	325.97	0	48.850767	-86.937709	56375.68	56231.8	18.16	56393.84	56397.19531	56410.12847	56420.63281	504569.7	5410868.4
L4570.0	504569.7	5410868.4	31314.90039	326.46	0	48.850767	-86.937709	56375.22	56231.8	18.16	56393.38	56396.73047	56402.65128	56413.13672	504569.7	5410868.4
L4570.0	504569.7	5410866.1	31315.00000	326.95	0	48.850747	-86.937709	56375.52	56231.8	18.16	56393.68	56397.03125	56413.60627	56424.07422	504569.7	5410866.1
L4570.0	504569.7	5410865.1	31315.09961	325.12	0	48.850738	-86.937709	56375.09	56231.8	18.16	56393.25	56396.59766	56406.41356	56416.85938	504569.7	5410865.1
L4570.0	504569.7	5410865.1	31315.19922	325.91	0	48.850738	-86.937709	56374.71	56231.8	18.16	56392.87	56396.21484	56400.22749	56410.64844	504569.7	5410865.1
L4570.0	504569.7	5410863.7	31315.30078	326.81	0	48.850725	-86.937710	56374.68	56231.8	18.16	56392.84	56396.17969	56402.41659	56412.81250	504569.7	5410863.7
L4570.0	504569.7	5410862.3	31315.40039	325.85	0	48.850713	-86.937710	56374.20	56231.8	18.16	56392.36	56395.69922	56393.33193	56403.69531	504569.7	5410862.3
L4570.0	504569.6	5410860.3	31315.50000	324.42	0	48.850694	-86.937710	56374.79	56231.8	18.16	56392.95	56396.28516	56410.39032	56420.71484	504569.6	5410860.3
L4570.0	504569.6	5410860.3	31315.59961	325.91	0	48.850694	-86.937710	56374.10	56231.8	18.16	56392.26	56395.59375	56395.70456	56405.99219	504569.6	5410860.3
L4570.0	504569.6	5410859.0	31315.69922	326.22	0	48.850683	-86.937710	56374.33	56231.8	18.16	56392.49	56395.82031	56403.55535	56413.80469	504569.6	5410859.0
L4570.0	504569.6	5410857.6	31315.80078	326.16	0	48.850670	-86.937711	56373.46	56231.8	18.16	56391.62	56394.94531	56383.93018	56394.13672	504569.6	5410857.6
L4570.0	504569.6	5410856.0	31315.80078	326.16	0	48.850656	-86.937711	56374.13	56231.8	18.16	56392.29	56395.61328	56402.42424	56412.58594	504569.6	5410856.0
L4570.0	504569.5	5410854.5	31316.00000	327.78	0	48.850643	-86.937711	56374.71	56231.8	18.16	56392.87	56396.18750	56414.17292	56424.28125	504569.5	5410854.5
L4570.0	504569.5	5410854.5	31316.09961	328.41	0	48.850643	-86.937711	56375.15	56231.8	18.16	56393.31	56396.62500	56424.15490	56434.21094	504569.5	5410854.5
L4570.0	504569.5	5410852.9	31316.19922	328.36	0	48.850628	-86.937712	56374.68	56231.8	18.16	56392.84	56396.15234	56416.78231	56426.78516	504569.5	5410852.9
L4570.0	504569.5	5410851.7	31316.30078	329.66	0	48.850618	-86.937712	56374.07	56231.8	18.16	56392.23	56395.53906	56406.58849	56416.53516	504569.5	5410851.7
L4570.0	504569.5	5410851.7	31316.40039	329.03	0	48.850618	-86.937712	56374.28	56231.8	18.16	56392.44	56395.74609	56411.97467	56421.85938	504569.5	5410851.7
L4570.0	504569.4	5410850.1	31316.50000	330.41	0	48.850603	-86.937713	56373.74	56231.8	18.16	56391.90	56395.20313	56402.87525	56412.69531	504569.4	5410850.1
L4570.0	504569.4	5410849.0	31316.59961	330.08	0	48.850593	-86.937713	56374.02	56231.8	18.16	56392.18	56395.48047	56409.48268	56419.23828	504569.4	5410849.0
L4570.0	504569.4	5410849.0	31316.69922	328.45	0	48.850593	-86.937713	56374.18	56231.8	18.16	56392.34	56395.64063	56413.73179	56423.42188	504569.4	5410849.0
L4570.0	504569.4	5410846.8	31316.80078	327.94	0	48.850573	-86.937714	56374.84	56231.8	18.16	56393.00	56396.29688	56427.63244	56437.25391	504569.4	5410846.8
L4570.0	504569.4	5410845.4	31316.90039	328.09	0	48.850561	-86.937714	56374.45	56231.8	18.16	56392.61	56395.90625	56421.11188	56430.66016	504569.4	5410845.4
L4570.0	504569.4	5410843.8	31317.00000	328.28	0	48.850546	-86.937714	56374.61	56231.8	18.16	56392.77	56396.06250	56425.21157	56434.68359	504569.4	5410843.8
L4570.0	504569.4	5410843.8	31317.09961	328.02	0	48.850546	-86.937714	56374.28	56231.8	18.16	56392.44	56395.73047	56419.73006	56429.12500	504569.4	5410843.8
L4570.0	504569.3	5410842.4	31317.19922	329.13	0	48.850533	-86.937714	56374.28	56231.8	18.16	56392.44	56395.73047	56420.62020	56429.93750	504569.3	5410842.4
L4570.0	504569.4	5410841.0	31317.30078	330.61	0	48.850521	-86.937714	56374.28	56231.8	18.16	56392.44	56395.73047	56421.47009	56430.70703	504569.4	5410841.0
L4570.0	504569.4	5410841.0	31317.40039	331.50	0	48.850521	-86.937714	56374.43	56231.8	18.16	56392.59	56395.87891	56425.19872	56434.35156	504569.4	5410841.0
L4570.0	504569.4	5410838.6	31317.50000	330.85	0	48.850500	-86.937714	56374.64	56231.8	18.16	56392.80	56396.08984	56430.05842	56439.12500	504569.4	5410838.6
L4570.0	504569.4	5410837.2	31317.59961	328.47	0	48.850487	-86.937714	56374.50	56231.8	18.16	56392.66	56395.94922	56428.11662	56437.09766	504569.4	5410837.2
L4570.0	504569.4	5410837.2	31317.69922	328.12	0	48.850487	-86.937714	56374.86	56231.8	18.16	56393.02	56396.30859	56435.83634	56444.73047	504569.4	5410837.2
L4570.0	504569.4	5410834.7	31317.80078	327.29	0	48.850465	-86.937714	56374.45	56231.8	18.16	56392.61	56395.89844	56428.68685	56437.49219	504569.4	5410834.7
L4570.0	504569.4	5410834.7	31317.80078	327.29	0	48.850465	-86.937714	56374.58	56231.8	18.16	56392.74	56396.03125	56431.96919	56440.67969	504569.4	5410834.7
L4570.0	504569.4	5410833.7	31318.00000	326.23	0	48.850456	-86.937714	56374.15	56231.8	18.16	56392.31	56395.60156	56424.50376	56433.12109	504569.4	5410833.7
L4570.0	504569.4	5410832.3	31318.09961	324.88	0	48.850443	-86.937714	56374.20	56231.8	18.16	56392.36	56395.65234	56426.29764	56434.82031	504569.4	5410832.3
L4570.0	504569.4	5410830.9	31318.19922	326.52	0	48.850431	-86.937714	56373.92	56231.8	18.16	56392.07	56395.36719	56421.61034	56430.03516	504569.4	5410830.9
L4570.0	504569.4	5410829.6	31318.30078	327.56	0	48.850418	-86.937714	56374.45	56231.8	18.15	56392.61	56395.91016	56432.84071	56441.17188	504569.4	5410829.6
L4570.0	504569.4	5410827.7	31318.40039	328.00	0	48.850401	-86.937714	56374.33	56231.8	18.15	56392.48	56395.78125	56431.29052	56439.51953	504569.4	5410827.7
L4570.0	504569.4	5410827.7	31318.50000	327.86	0	48.850401	-86.937714	56374.20	56231.8	18.15	56392.35	56395.65625	56429.79136	56437.92188	504569.4	5410827.7
L4570.0	504569.4	5410825.8	31318.59961	328.14	0	48.850384	-86.937714	56374.07	56231.9	18.15	56392.22	56395.52734	56428.34739	56436.37500	504569.4	5410825.8
L4570.0	504569.4	5410825.8	31318.69922	330.00	0	48.850384	-86.937714	56374.68	56231.9	18.15	56392.83	56396.14063	56441.01871	56448.94141	504569.4	5410825.8
L4570.0	504569.4	5410824.3	31318.80078	329.77	0	48.850371	-86.937714	56374.66	56231.9	18.14	56392.80	56396.11719	56441.57183	56449.39453	504569.4	5410824.3
L4570.0	504569.4	5410823.1	31318.90039	327.36	0	48.850360	-86.937714	56374.18	56231.9	18.14	56392.32	56395.64063	56433.66778	56441.38281	504569.4	5410823.1
L4570.0	504569.4	5410822.0	31319.00000	328.33	0	48.850350	-86.937714	56374.45	56231.9	18.14	56392.59	56395.91797	56440.03224	56447.64063	504569.4	5410822.0
L4570.0	504569.4	5410822.0	31319.09961	327.88	0	48.850350	-86.937714	56373.97	56231.9	18.14	56392.11	56395.44141	56432.29660	56439.79688	504569.4	5410822.0
L4570.0	504569.4	5410819.9	31319.19922	326.37	0	48.850331	-86.937714	56374.09	56231.9	18.14	56392.23	56395.57031	56432.36374	56439.75781	504569.4	5410819.9
L4570.0	504569.4	5410818.4	31319.30078	324.81	0	48.850318	-86.937714	56373.84	56231.9	18.14	56391.98	56395.32422	56427.99807	56435.28516	504569.4	5410818.4
L4570.0	504569.3	5410817.3	31319.40039	325.04	0	48.850308	-86.937715	56374.15	56231.9	18.14	56392.28	56395.63281	56437.45206	56444.63281	504569.3	5410817.3
L4570.0	504569.3	5410817.3	31319.50000	325.87	0	48.850308	-86.937715	56373.69	56231.9	18.13	56391.83	56395.19141	56428.41627	56435.48438	504569.3	5410817.3
L4570.0	504569.3	5410815.6	31319.59961	327.02	0	48.850293	-86.937715	56373.48	56231.9	18.13	56391.62	56394.98828	56425.50111	56432.46094	504569.3	5410815.6
L4570.0	504569.3	5410813.6	31319.69922	329.30	0	48.850274	-86.937715	56373.25	56231.9	18.13	56391.39	56394.76563	56422.25415	56429.10156	504569.3	5410813.6
L4570.0	504569.3	5410812.1	31319.80078	328.34	0	48.850261	-86.937715	56372.77	56231.9	18.13	56390.90	56394.28516	56412.76241	56419.50000	504569.3	5410812.1
L4570.0	504569.3	5410812.1	31319.80078	328.34	0	48.850261	-86.937715	56372.70	56231.9	18.13	56390.83	56394.22656	56413.79992	56420.42969	504569.3	5410812.1
L4570.0	504569.3	5410810.7	31320.00000	325.32	0	48.850248	-86.937716	56372.62	56231.9	18.13	56390.75	56394.15625	56414.74770	56421.26563	504569.3	5410810.7
L4570.0	504569.2	5410809.1	31320.09961	325.19	0	48.850234	-86.937716	56373.13	56231.9	18.13	56391.26	56394.67578	56430.32537	56436.73047	504569.2	5410809.1
L4570.0	504569.2	5410809.1	31320.19922	325.21	0	48.850234	-86.937716	56373.08	56231.9	18.13	56391.21	56394.63281	56432.30177	56438.59375	504569.2	5410809.1
L4570.0	504569.2	5410807.7	31320.30078	326.72	0	48.850221	-86.937716	56372.82	56231.9	18.13	56390.95	56394.38672	56429.30197	56435.48438	504569.2	5410807.7
L4570.0	504569.2	5410805.9	31320.40039	327.77	0	48.850205	-86.937717	56372.70	56231.9	18.13	56390.82	56394.26563	56429.64809	56435.71875	504569.2	5410805.9
L4570.0	504569.2	5410805.9	31320.50000	327.58	0	48.850205	-86.937717	56373.00	56231.9	18.13	56391.13	56394.58984	56440.87369	56446.83203	504569.2	5410805.9
L4570.0	504569.2	5410804.5	31320.59961	326.84	0	48.850193	-86.937717	56372.62	56231.9	18.13	56390.75	56394.21875	56435.44202	56441.28906	504569.2	5410804.5
L4570.0	504569.2	5410802.8	31320.69922	327.29	0	48.850177	-86.937717	56372.16	56231.9	18.13	56390.29	56393.77344	56428.25249	56433.98828	504569.2	5410802.8
L4570.0	504569.2	5410802.8	31320.80078	327.14	0	48.850177	-86.937717	56371.95	56231.9	18.13	56390.08	56393.57422	56427.31016	56432.93359	504569.2	5410802.8
L4570.0	504569.1	5410800.3	31320.90039	325.00	0	48.850155	-86.937717	56371.93	56231.9	18.13	56390.06	56393.56641	56431.12762	56436.64063	504569.1	5410800.3
L4570.0	504569.1	5410800.3	31321.00000	326.31	0	48.850155	-86.937717	56371.46	56231.9	18.13	56389.59	56393.10938	56424.24385	56429.64844	504569.1	5410800.3
L4570.0	504569.1	5410799.2	31321.09961	326.74	0	48.850145	-86.937718	56371.44	56231.9	18.13	56389.57	56393.10156	56428.38343	56433.67578	504569.1	5410799.2
L4570.0	504569.1	5410799.2	31321.19922	326.34	0	48.850145	-86.937718	56371.75	56231.9	18.13	56389.88	56393.42578	56440.59925	56445.78125	504569.1	5410799.2
L4570.0	504569.1	5410797.5	31321.30078	326.65	0	48.850129	-86.937718	56371.37	56231.9	18.13	56389.50	56393.06250	56436.40540	56441.47656	504569.1	5410797.5
L4570.0	504569.1	5410796.2	31321.40039	327.73	0	48.850118	-86.937718	56370.65	56231.9	18.13	56388.78	56392.35547	56424.26367	56429.22656	504569.1	5410796.2
L4570.0	504569.2	5410795.0	31321.50000	326.52	0	48.850108	-86.937717	56370.35	56231.9	18.14	56388.48	56392.07031	56422.36391	56427.21875	504569.2	5410795.0
L4570.0	504569.2	5410793.7	31321.59961	326.44	0	48.850095	-86.937717	56370.32	56231.9	18.14	56388.46	56392.06250	56427.31959	56432.06641	504569.2	5410793.7
L4570.0	504569.2	5410793.7	31321.69922	325.88	0	48.850095	-86.937717	56370.38	56231.9	18.14	56388.51	56392.12891	56434.10370	56438.74219	504569.2	5410793.7
L4570.0	504569.2	5410792.2	31321.80078	324.68	0	48.850082	-86.937717	56369.73	56231.9	18.14	56387.87	56391.50391	56424.61617	56429.14844	504569.2	5410792.2

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4570.0	504569.2	5410790.4	31321.80078	324.68	0	48.850066	-86.937717	56369.22	56231.9	18.14	56387.36	56391.00781	56418.40460	56422.83203	504569.2	5410790.4
L4570.0	504569.2	5410790.4	31322.00000	324.16	0	48.850066	-86.937717	56368.92	56231.9	18.14	56387.06	56390.72266	56417.36334	56421.68750	504569.2	5410790.4
L4570.0	504569.2	5410789.2	31322.09961	324.63	0	48.850055	-86.937717	56368.50	56231.9	18.14	56386.64	56390.32031	56413.63213	56417.85156	504569.2	5410789.2
L4570.0	504569.1	5410787.7	31322.19922	323.37	0	48.850041	-86.937718	56368.41	56231.9	18.14	56386.54	56390.23438	56417.69062	56421.80469	504569.1	5410787.7
L4570.0	504569.1	5410786.3	31322.30078	325.61	0	48.850029	-86.937718	56367.92	56231.9	18.14	56386.06	56389.76953	56412.85560	56416.86719	504569.1	5410786.3
L4570.0	504569.1	5410786.3	31322.40039	327.95	0	48.850029	-86.937718	56367.95	56231.9	18.14	56386.08	56389.80469	56420.12673	56424.03906	504569.1	5410786.3
L4570.0	504569.1	5410784.5	31322.50000	326.98	0	48.850013	-86.937718	56367.48	56231.9	18.13	56385.61	56389.35156	56415.85222	56419.66406	504569.1	5410784.5
L4570.0	504569.1	5410783.2	31322.59961	329.52	0	48.850001	-86.937718	56367.11	56231.9	18.13	56385.24	56388.99609	56414.12457	56417.83594	504569.1	5410783.2
L4570.0	504569.1	5410781.7	31322.69922	330.03	0	48.849987	-86.937718	56366.62	56231.9	18.13	56384.75	56388.52344	56409.65420	56413.26563	504569.1	5410781.7
L4570.0	504569.1	5410781.7	31322.80078	329.49	0	48.849987	-86.937718	56366.21	56231.9	18.13	56384.34	56388.12891	56407.24761	56410.76172	504569.1	5410781.7
L4570.0	504569.1	5410780.6	31322.90039	328.32	0	48.849977	-86.937718	56366.06	56231.9	18.13	56384.19	56387.99219	56411.30795	56414.72656	504569.1	5410780.6
L4570.0	504569.1	5410779.2	31323.00000	327.04	0	48.849965	-86.937718	56365.83	56231.9	18.13	56383.96	56387.77734	56413.60968	56416.92969	504569.1	5410779.2
L4570.0	504569.1	5410779.2	31323.09961	327.08	0	48.849965	-86.937718	56365.60	56231.9	18.13	56383.73	56387.56641	56416.09444	56419.32031	504569.1	5410779.2
L4570.0	504569.1	5410777.2	31323.19922	326.50	0	48.849947	-86.937718	56365.70	56231.9	18.13	56383.82	56387.67188	56426.69765	56429.82813	504569.1	5410777.2
L4570.0	504569.1	5410775.9	31323.30078	326.46	0	48.849935	-86.937718	56366.01	56231.9	18.12	56384.13	56387.99609	56443.08530	56446.12500	504569.1	5410775.9
L4570.0	504569.1	5410775.9	31323.40039	327.13	0	48.849935	-86.937718	56366.04	56231.9	18.12	56384.16	56388.03906	56445.59135	56448.54297	504569.1	5410775.9
L4570.0	504569.1	5410774.2	31323.50000	328.33	0	48.849920	-86.937718	56365.29	56231.9	18.12	56383.41	56387.30469	56438.09490	56440.95313	504569.1	5410774.2
L4570.0	504569.1	5410772.4	31323.59961	326.66	0	48.849904	-86.937718	56364.94	56231.9	18.12	56383.06	56386.96875	56438.29277	56441.06250	504569.1	5410772.4
L4570.0	504569.1	5410770.9	31323.69922	325.77	0	48.849891	-86.937718	56363.40	56231.9	18.12	56381.52	56385.44531	56415.51701	56418.19922	504569.1	5410770.9
L4570.0	504569.1	5410770.9	31323.80078	326.32	0	48.849891	-86.937718	56362.87	56231.9	18.11	56380.98	56384.91797	56412.03793	56414.63281	504569.1	5410770.9
L4570.0	504569.1	5410769.3	31323.80078	326.32	0	48.849876	-86.937718	56361.98	56231.9	18.11	56380.09	56384.04297	56401.72589	56404.23828	504569.1	5410769.3
L4570.0	504569.1	5410767.7	31324.00000	328.19	0	48.849862	-86.937718	56362.48	56231.9	18.11	56380.59	56384.55859	56418.85218	56421.28125	504569.1	5410767.7
L4570.0	504569.1	5410766.4	31324.09961	327.90	0	48.849849	-86.937718	56362.56	56231.9	18.11	56380.68	56384.66016	56428.11639	56430.46094	504569.1	5410766.4
L4570.0	504569.1	5410766.4	31324.19922	329.45	0	48.849849	-86.937718	56362.69	56231.9	18.11	56380.81	56384.80469	56438.36451	56440.62891	504569.1	5410766.4
L4570.0	504569.1	5410764.8	31324.30078	330.42	0	48.849835	-86.937718	56361.44	56231.9	18.12	56379.55	56383.55859	56420.83326	56423.01563	504569.1	5410764.8
L4570.0	504569.1	5410763.1	31324.40039	331.18	0	48.849820	-86.937718	56360.50	56231.9	18.12	56378.61	56382.63281	56409.65418	56411.75781	504569.1	5410763.1
L4570.0	504569.1	5410763.1	31324.50000	330.64	0	48.849820	-86.937718	56359.96	56231.9	18.12	56378.08	56382.11328	56406.75860	56408.78516	504569.1	5410763.1
L4570.0	504569.1	5410762.0	31324.59961	330.48	0	48.849810	-86.937718	56359.88	56231.9	18.12	56378.00	56382.04688	56413.06924	56415.01953	504569.1	5410762.0
L4570.0	504569.2	5410760.3	31324.69922	331.11	0	48.849795	-86.937718	56359.70	56231.9	18.12	56377.82	56381.87891	56417.42846	56419.30469	504569.2	5410760.3
L4570.0	504569.2	5410759.2	31324.80078	331.52	0	48.849785	-86.937717	56359.47	56231.9	18.13	56377.60	56381.67188	56421.03141	56422.83203	504569.2	5410759.2
L4570.0	504569.2	5410759.2	31324.90039	331.47	0	48.849785	-86.937717	56359.55	56231.9	18.13	56377.68	56381.76172	56430.82934	56432.55859	504569.2	5410759.2
L4570.0	504569.3	5410757.7	31325.00000	330.56	0	48.849772	-86.937716	56358.50	56231.9	18.13	56376.63	56380.72266	56417.47560	56419.13672	504569.3	5410757.7
L4570.0	504569.3	5410756.1	31325.09961	331.06	0	48.849757	-86.937716	56358.10	56231.9	18.13	56376.22	56380.32031	56417.26860	56418.85938	504569.3	5410756.1
L4570.0	504569.4	5410754.6	31325.19922	330.36	0	48.849744	-86.937715	56357.23	56231.9	18.12	56375.35	56379.46094	56407.66182	56409.18359	504569.4	5410754.6
L4570.0	504569.4	5410754.6	31325.30078	329.27	0	48.849744	-86.937715	56357.31	56231.9	18.12	56375.42	56379.54297	56417.30649	56418.76172	504569.4	5410754.6
L4570.0	504569.4	5410753.7	31325.40039	331.05	0	48.849736	-86.937714	56356.38	56231.9	18.11	56374.50	56378.62891	56406.75664	56408.14453	504569.4	5410753.7
L4570.0	504569.5	5410752.7	31325.50000	330.92	0	48.849726	-86.937713	56356.70	56231.9	18.11	56374.81	56378.94922	56421.20452	56422.52734	504569.5	5410752.7
L4570.0	504569.5	5410752.7	31325.59961	331.05	0	48.849726	-86.937713	56355.54	56231.9	18.11	56373.65	56377.79688	56405.90552	56407.16797	504569.5	5410752.7
L4570.0	504569.6	5410751.2	31325.69922	329.69	0	48.849713	-86.937712	56354.96	56231.9	18.10	56373.06	56377.21484	56402.19284	56403.39453	504569.6	5410751.2
L4570.0	504569.6	5410750.0	31325.80078	330.14	0	48.849702	-86.937712	56353.89	56231.9	18.10	56371.99	56376.15234	56389.02107	56390.16016	504569.6	5410750.0
L4570.0	504569.7	5410748.6	31325.80078	330.14	0	48.849690	-86.937711	56353.40	56231.9	18.10	56371.50	56375.66797	56387.47572	56388.55859	504569.7	5410748.6
L4570.0	504569.7	5410747.1	31326.00000	329.62	0	48.849677	-86.937710	56352.66	56231.9	18.09	56370.75	56374.92188	56380.91613	56381.94141	504569.7	5410747.1
L4570.0	504569.7	5410747.1	31326.09961	328.36	0	48.849677	-86.937710	56352.78	56231.9	18.09	56370.87	56375.05078	56391.23770	56392.20313	504569.7	5410747.1
L4570.0	504569.7	5410745.9	31326.19922	328.66	0	48.849665	-86.937710	56352.78	56231.9	18.09	56370.87	56375.05469	56399.05758	56399.96875	504569.7	5410745.9
L4570.0	504569.8	5410743.9	31326.30078	325.60	0	48.849647	-86.937710	56352.89	56231.9	18.09	56370.99	56375.17969	56410.04824	56410.90625	504569.8	5410743.9
L4570.0	504569.8	5410743.9	31326.40039	325.93	0	48.849647	-86.937710	56352.48	56231.9	18.09	56370.57	56374.76172	56409.91256	56410.71875	504569.8	5410743.9
L4570.0	504569.8	5410742.3	31326.50000	326.81	0	48.849633	-86.937709	56351.31	56231.9	18.10	56369.40	56373.59375	56391.54673	56392.30078	504569.8	5410742.3
L4570.0	504569.8	5410740.9	31326.59961	327.36	0	48.849621	-86.937709	56350.21	56231.9	18.10	56368.31	56372.50781	56375.50411	56376.20703	504569.8	5410740.9
L4570.0	504569.8	5410740.9	31326.69922	327.01	0	48.849621	-86.937709	56349.75	56231.9	18.10	56367.84	56372.03906	56374.61598	56375.26953	504569.8	5410740.9
L4570.0	504569.8	5410739.6	31326.80078	326.04	0	48.849609	-86.937709	56349.93	56231.9	18.10	56368.02	56372.22266	56389.22671	56389.83594	504569.8	5410739.6
L4570.0	504569.8	5410738.0	31326.90039	325.67	0	48.849595	-86.937709	56349.93	56231.9	18.10	56368.03	56372.23047	56399.66729	56400.22656	504569.8	5410738.0
L4570.0	504569.8	5410736.4	31327.00000	324.58	0	48.849580	-86.937709	56350.23	56231.9	18.10	56368.33	56372.53125	56416.86862	56417.38281	504569.8	5410736.4
L4570.0	504569.8	5410736.4	31327.09961	323.48	0	48.849580	-86.937709	56349.45	56231.9	18.10	56367.54	56371.74219	56408.43606	56408.90625	504569.8	5410736.4
L4570.0	504569.8	5410735.1	31327.19922	322.48	0	48.849568	-86.937709	56348.91	56231.9	18.09	56367.00	56371.19922	56405.95555	56406.38281	504569.8	5410735.1
L4570.0	504569.8	5410733.7	31327.30078	321.77	0	48.849556	-86.937709	56348.09	56231.9	18.08	56366.17	56370.36719	56396.76900	56397.15234	504569.8	5410733.7
L4570.0	504569.8	5410733.7	31327.40039	322.27	0	48.849556	-86.937709	56347.79	56231.9	18.08	56365.87	56370.06641	56399.99888	56400.34375	504569.8	5410733.7
L4570.0	504569.9	5410732.2	31327.50000	322.96	0	48.849542	-86.937709	56346.71	56231.9	18.08	56364.79	56368.98438	56385.08724	56385.39063	504569.9	5410732.2
L4570.0	504569.9	5410730.5	31327.59961	323.01	0	48.849527	-86.937708	56346.36	56231.9	18.07	56364.43	56368.62109	56386.97720	56387.23828	504569.9	5410730.5
L4570.0	504569.9	5410729.2	31327.69922	325.03	0	48.849515	-86.937708	56346.05	56231.9	18.07	56364.12	56368.30469	56390.05658	56390.28125	504569.9	5410729.2
L4570.0	504569.9	5410727.8	31327.80078	327.90	0	48.849503	-86.937708	56345.67	56231.9	18.06	56363.73	56367.91016	56391.29265	56391.48047	504569.9	5410727.8
L4570.0	504569.9	5410727.8	31327.80078	327.90	0	48.849503	-86.937708	56345.54	56231.9	18.06	56363.60	56367.77344	56398.63696	56398.78516	504569.9	5410727.8
L4570.0	504570.0	5410726.6	31328.00000	328.68	0	48.849492	-86.937707	56344.88	56231.9	18.05	56362.93	56367.09766	56393.34844	56393.46094	504570.0	5410726.6
L4570.0	504570.0	5410725.0	31328.09961	328.20	0	48.849478	-86.937707	56344.63	56231.9	18.05	56362.68	56366.84375	56397.92369	56398.00000	504570.0	5410725.0
L4570.0	504570.0	5410723.6	31328.19922	327.83	0	48.849465	-86.937707	56343.50	56231.9	18.06	56361.55	56365.70703	56381.75402	56381.79688	504570.0	5410723.6
L4570.0	504570.0	5410723.6	31328.30078	327.26	0	48.849465	-86.937707	56343.24	56231.9	18.06	56361.30	56365.44922	56386.31347	56386.32422	504570.0	5410723.6
L4570.0	504570.0	5410722.3	31328.40039	327.22	0	48.849453	-86.937706	56342.32	56231.9	18.06	56360.39	56364.52734	56375.22605	56375.20313	504570.0	5410722.3
L4570.0	504570.1	5410720.8	31328.50000	325.27	0	48.849440	-86.937706	56342.32	56231.9	18.07	56360.39	56364.51953	56385.69858	56385.64063	504570.1	5410720.8
L4570.0	504570.1	5410720.8	31328.59961	324.09	0	48.849440	-86.937706	56341.86	56231.9	18.07	56359.93	56364.05078	56385.22884	56385.14063	504570.1	5410720.8
L4570.0	504570.1	5410718.7	31328.69922	324.80	0	48.849421	-86.937706	56341.56	56231.9	18.07	56359.63	56363.73828	56388.53038	56388.41016	504570.1	5410718.7
L4570.0	504570.1	5410717.2	31328.80078	325.04	0	48.849407	-86.937705	56340.62	56231.9	18.07	56358.69	56362.78906	56376.54712	56376.39844	504570.1	5410717.2
L4570.0	504570.1	5410717.2	31328.90039	324.83	0	48.849407	-86.937705	56340.34	56231.9	18.08	56358.41	56362.49609	56380.22803	56380.04688	504570.1	5410717.2
L4570.0	504570.1	5410715.1	31329.00000	326.02	0	48.849389	-86.937705	56340.06	56231.9	18.08	56358.14	56362.21484	56384.07797	56383.86719	504570.1	5410715.1
L4570.0	504570.1	5410714.1	31329.09961	325.25	0	48.849379	-86.937705	56339.52	56231.9	18.08	56357.60	56361.66406	56381.46684	56381.23047	504570.1	5410714.1
L4570.0	504570.1	5410712.6	31329.19922	324.85	0	48.849366	-86.937705	56339.21	56231.9	18.07	56357.28	56361.33203	56383.99388	56383.73047	504570.1	5410712.6
L4570.0	504570.1	5410712.6	31329.30078	327.35	0	48.849366	-86.937705	56338.35	56231.9	18.07	56356.42	56360.45703	56373.80543	56373.51563	504570.1	5410712.6
L4570.0	504570.1	5410710.7	31329.40039	328.53	0	48.849349	-86.937705	56338.04	56231.9	18.06	56356.10	56360.12109	56376.25458	56375.93750	504570.1	5410710.7
L4570.0	504570.1	5410709.4	31329.50000	328.77	0	48.849337	-86.937705	56337.45	56231.9	18.06	56355.51	56359.51953	56372.38019	56372.03516	504570.1	5410709.4
L4570.0	504570.1	5410709.4	31329.59961	327.68	0	48.849337	-86.937705	56337.22	56231.9	18.06	56355.28	56359.27344	56376.80829	56376.44141	504570.1	5410709.4
L4570.0	504570.1	5410707.6	31329.69922	325.42	0	48.849321	-86.937705	56336.74	56231.9	18.05	56354.79	56358.76563	56375.18024	56374.78906	504570.1	5410707.6
L4570.0	504570.2	5410706.0	31329.80078	326.39	0	48.849306	-86.937705	56336.54	56232	18.05	56354.58	56358.54297	56379.93441	56379.51953	504570.2	5410706.0
L4570.0	504570.2	5410706.0	31329.80078	326.39	0	48.849306	-86.937705	56336.40	56232	18.05	56354.45	56358.39453	56386.43887	56386.00000	504570.2	5410706.0
L4570.0	504570.2	5410704.5	31330.00000	323.97	0	48.849293	-86.937705	56336.20	56232	18.04	56354.24	56358.16797	56391.04413	56390.58203	504570.2	5410704.5
L4570.0	504570.2	5410703.1	31330.09961	324.47	0	48.849281	-86.937704	56335.48	56232	18.04	56353.52	56357.42969	56384.01355	56383.52734	504570.2	5410703.1
L4570.0	504570.2	5410703.1	31330.19922	324.85	0	48.849281	-86.937704	56335.10	56232	18.04	56353.14	56357.03125	56384.67831	56384.17188	504570.2	5410703.1
L4570.0	504570.2	5410701.5	31330.30078	323.95	0	48.849266	-86.937704	56334.28	56232	18.03	56352.32	56356.19531	56375.34606	56374.82031	504570.2	5410701.5
L4570.0	504570.2	5410699.8	31330.40039	324.39	0	48.849251	-86.937704	56334.08	56232	18.03	56352.11	56355.96484	56379.78544	56379.23828	504570.2	5410699.8
L4570.0	504570.3	5410698.5	31330.50000	323.20	0	48.849239	-86.937703	56333.39	56232	18.03	56351.42	56355.25391	56373.31808	56372.75000	504570.3	5410698.5
L4570.0	504570.3	5410697.1	31330.59961	323.33	0	48.849226	-86.937703	56332.83	56232	18.03	56350.86	56354.67578	56369.74058	56369.15234	504570.3	5410697.1
L4570.0	504570.3	5410697.1	31330.69922	324.05	0	48.849226	-86.937703	56332.53	56232	18.03	56350.55	56354.34766	56371.77603	56371.17188	504570.3	5410697.1
L4570.0	504570.3	5410695.7	31330.80078	322.76	0	48.849214	-86.937702	56331.48	56232	18.02	56349.50	56353.27734	56356.94230	56356.32031	504570.3	5410695.7
L4570.0	504570.4	5410694.3	31330.90039	324.47	0	48.849201	-86.937702	56331.38	56232	18.02	56349.40	56353.15625	56363.63816	56363.00000	504570.4	5410694.3
L4570.0	504570.4	5410693.1	31331.00000	323.76	0	48.849191	-86.937701	56330.91	56232	18.02	56348.93	56352.66406	56361.85046	56361.19141	504570.4	5410693.1
L4570.0	504570.5	5410691.3	31331.09961	323.68	0	48.849175	-86.937701	56330.54	56232	18.02	56348.56	56352.27344	56362.28658	56361.60938	504570.5	5410691.3

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4570.0	504570.5	5410690.3	31331.19922	323.57	0	48.849165	-86.937700	56329.71	56232	18.02	56347.73	56351.42188	56352.03727	56351.34766	504570.5	5410690.3
L4570.0	504570.5	5410690.3	31331.30078	324.42	0	48.849165	-86.937700	56329.64	56232	18.02	56347.66	56351.32813	56359.26449	56358.55859	504570.5	5410690.3
L4570.0	504570.5	5410688.6	31331.40039	325.41	0	48.849150	-86.937700	56329.18	56232	18.02	56347.20	56350.84766	56357.39661	56356.67578	504570.5	5410688.6
L4570.0	504570.5	5410687.2	31331.50000	326.33	0	48.849137	-86.937700	56328.92	56232	18.01	56346.94	56350.56250	56360.13064	56359.39453	504570.5	5410687.2
L4570.0	504570.6	5410685.7	31331.59961	328.10	0	48.849124	-86.937699	56328.72	56232	18.01	56346.73	56350.33203	56364.00109	56363.25000	504570.6	5410685.7
L4570.0	504570.6	5410685.7	31331.69922	329.55	0	48.849124	-86.937699	56328.24	56232	18.01	56346.25	56349.82813	56361.43897	56360.67188	504570.6	5410685.7
L4570.0	504570.6	5410684.6	31331.80078	329.54	0	48.849114	-86.937699	56327.75	56232	18.01	56345.77	56349.32422	56358.77669	56357.99609	504570.6	5410684.6
L4570.0	504570.6	5410682.9	31331.80078	329.54	0	48.849099	-86.937699	56327.49	56232	18.01	56345.50	56349.03125	56361.04012	56360.24609	504570.6	5410682.9
L4570.0	504570.6	5410682.9	31332.00000	328.88	0	48.849099	-86.937699	56327.57	56232	18.01	56345.58	56349.08984	56371.66317	56370.85547	504570.6	5410682.9
L4570.0	504570.6	5410681.1	31332.09961	327.06	0	48.849083	-86.937699	56326.91	56232	18.01	56344.91	56348.39453	56364.18825	56363.36719	504570.6	5410681.1
L4570.0	504570.7	5410679.4	31332.19922	326.75	0	48.849067	-86.937698	56326.99	56232	18.00	56344.99	56348.44922	56374.74914	56373.91797	504570.7	5410679.4
L4570.0	504570.7	5410678.2	31332.30078	325.84	0	48.849057	-86.937698	56326.38	56232	18.00	56344.38	56347.81641	56368.52670	56367.68359	504570.7	5410678.2
L4570.0	504570.7	5410678.2	31332.40039	326.15	0	48.849057	-86.937698	56325.91	56232	18.00	56343.91	56347.32031	56365.59879	56364.74609	504570.7	5410678.2
L4570.0	504570.7	5410676.6	31332.50000	326.86	0	48.849042	-86.937697	56324.97	56232	18.00	56342.97	56346.35938	56351.10479	56350.23828	504570.7	5410676.6
L4570.0	504570.8	5410674.9	31332.59961	325.36	0	48.849027	-86.937697	56325.32	56232	17.99	56343.32	56346.68359	56368.02633	56367.14844	504570.8	5410674.9
L4570.0	504570.8	5410674.9	31332.69922	325.37	0	48.849027	-86.937697	56324.72	56232	17.99	56342.71	56346.04688	56361.42030	56360.53516	504570.8	5410674.9
L4570.0	504570.8	5410672.9	31332.80078	327.46	0	48.849009	-86.937696	56324.31	56232	17.99	56342.29	56345.60547	56359.38495	56358.49219	504570.8	5410672.9
L4570.0	504570.8	5410672.9	31332.90039	328.14	0	48.849009	-86.937696	56323.68	56232	17.98	56341.66	56344.94922	56352.15007	56351.24609	504570.8	5410672.9
L4570.0	504570.9	5410671.5	31333.00000	329.59	0	48.848996	-86.937695	56323.62	56232	17.98	56341.60	56344.86328	56358.78163	56357.86719	504570.9	5410671.5
L4570.0	504570.9	5410669.7	31333.09961	328.94	0	48.848980	-86.937695	56323.74	56232	17.98	56341.72	56344.96094	56369.71999	56368.79688	504570.9	5410669.7
L4570.0	504570.9	5410668.7	31333.19922	327.42	0	48.848971	-86.937695	56323.26	56232	17.97	56341.23	56344.44531	56365.72222	56364.78906	504570.9	5410668.7
L4570.0	504570.9	5410668.7	31333.30078	328.99	0	48.848971	-86.937695	56323.03	56232	17.97	56341.00	56344.19141	56367.99731	56367.05859	504570.9	5410668.7
L4570.0	504570.9	5410667.0	31333.40039	327.31	0	48.848956	-86.937695	56322.21	56232	17.97	56340.18	56343.34375	56355.92906	56354.98047	504570.9	5410667.0
L4570.0	504570.9	5410665.6	31333.50000	324.31	0	48.848943	-86.937695	56322.37	56232	17.97	56340.33	56343.46875	56367.29477	56366.33594	504570.9	5410665.6
L4570.0	504570.9	5410664.2	31333.59961	325.28	0	48.848931	-86.937695	56321.06	56232	17.96	56339.03	56342.14453	56343.65438	56342.68750	504570.9	5410664.2
L4570.0	504570.9	5410664.2	31333.69922	325.81	0	48.848931	-86.937695	56321.47	56232	17.96	56339.43	56342.51953	56360.92451	56359.94922	504570.9	5410664.2
L4570.0	504570.9	5410662.8	31333.80078	327.84	0	48.848918	-86.937694	56320.76	56232	17.96	56338.72	56341.78516	56351.49542	56350.51563	504570.9	5410662.8
L4570.0	504571.0	5410661.7	31333.80078	327.84	0	48.848908	-86.937694	56321.09	56232	17.96	56339.04	56342.08203	56366.71391	56365.72656	504571.0	5410661.7
L4570.0	504571.0	5410659.8	31334.00000	327.31	0	48.848891	-86.937694	56320.76	56232.1	17.95	56338.71	56341.72656	56366.35211	56365.35547	504571.0	5410659.8
L4570.0	504571.0	5410659.8	31334.09961	328.17	0	48.848891	-86.937694	56320.58	56232.1	17.95	56338.53	56341.51953	56369.56458	56368.56250	504571.0	5410659.8
L4570.0	504571.0	5410658.4	31334.19922	326.75	0	48.848879	-86.937694	56320.36	56232.1	17.95	56338.31	56341.27734	56371.81869	56370.80859	504571.0	5410658.4
L4570.0	504571.0	5410658.4	31334.30078	325.54	0	48.848879	-86.937694	56319.86	56232.1	17.95	56337.81	56340.75391	56367.39448	56366.37891	504571.0	5410658.4
L4570.0	504571.0	5410656.8	31334.40039	325.19	0	48.848864	-86.937694	56319.99	56232.1	17.95	56337.94	56340.85938	56378.02242	56377.00000	504571.0	5410656.8
L4570.0	504571.0	5410655.1	31334.50000	324.98	0	48.848849	-86.937694	56319.03	56232.1	17.95	56336.98	56339.87500	56362.60210	56361.57422	504571.0	5410655.1
L4570.0	504571.0	5410653.6	31334.59961	324.93	0	48.848835	-86.937694	56319.11	56232.1	17.95	56337.06	56339.92969	56372.07361	56371.03906	504571.0	5410653.6
L4570.0	504571.0	5410653.6	31334.69922	326.05	0	48.848835	-86.937694	56318.08	56232.1	17.95	56336.03	56338.87500	56354.91112	56353.87109	504571.0	5410653.6
L4570.0	504571.0	5410652.1	31334.80078	324.65	0	48.848822	-86.937694	56318.11	56232.1	17.95	56336.06	56338.88281	56363.22130	56362.17578	504571.0	5410652.1
L4570.0	504571.0	5410651.0	31334.90039	324.45	0	48.848811	-86.937695	56317.29	56232.1	17.95	56335.24	56338.03906	56351.02079	56349.96875	504571.0	5410651.0
L4570.0	504571.0	5410651.0	31335.00000	324.44	0	48.848811	-86.937695	56317.21	56232.1	17.95	56335.16	56337.93359	56356.71222	56355.65625	504571.0	5410651.0
L4570.0	504570.9	5410649.1	31335.09961	325.44	0	48.848795	-86.937695	56316.68	56232.1	17.95	56334.63	56337.37891	56351.47731	56350.41406	504570.9	5410649.1
L4570.0	504570.9	5410647.8	31335.19922	326.70	0	48.848783	-86.937695	56316.29	56232.1	17.94	56334.23	56336.95703	56349.38635	56348.31641	504570.9	5410647.8
L4570.0	504570.9	5410646.1	31335.30078	325.84	0	48.848768	-86.937695	56316.32	56232.1	17.94	56334.25	56336.95313	56357.61795	56356.54297	504570.9	5410646.1
L4570.0	504570.9	5410646.1	31335.40039	328.09	0	48.848768	-86.937695	56315.71	56232.1	17.93	56333.65	56336.33203	56350.59804	56349.51953	504570.9	5410646.1
L4570.0	504570.9	5410644.5	31335.50000	328.88	0	48.848753	-86.937695	56315.93	56232.1	17.93	56333.86	56336.51953	56363.65074	56362.56641	504570.9	5410644.5
L4570.0	504570.9	5410643.1	31335.59961	328.83	0	48.848741	-86.937695	56315.18	56232.1	17.93	56333.10	56335.73438	56355.82646	56354.73828	504570.9	5410643.1
L4570.0	504570.9	5410643.1	31335.69922	329.47	0	48.848741	-86.937695	56315.22	56232.1	17.92	56333.14	56335.75391	56362.41483	56361.32031	504570.9	5410643.1
L4570.0	504570.9	5410641.4	31335.80078	329.96	0	48.848725	-86.937695	56314.40	56232.1	17.92	56332.32	56334.91016	56352.64173	56351.54297	504570.9	5410641.4
L4570.0	504570.9	5410641.4	31335.80078	329.96	0	48.848725	-86.937695	56314.48	56232.1	17.92	56332.40	56334.96875	56360.01575	56358.91406	504570.9	5410641.4
L4570.0	504570.9	5410640.0	31336.00000	328.47	0	48.848713	-86.937696	56313.72	56232.1	17.91	56331.63	56334.17578	56351.03968	56349.93359	504570.9	5410640.0
L4570.0	504570.9	5410638.4	31336.09961	328.72	0	48.848699	-86.937696	56313.76	56232.1	17.91	56331.67	56334.19531	56357.65644	56356.54688	504570.9	5410638.4
L4570.0	504570.9	5410638.4	31336.19922	327.41	0	48.848699	-86.937696	56313.64	56232.1	17.91	56331.55	56334.05469	56361.18522	56360.07031	504570.9	5410638.4
L4570.0	504570.8	5410636.8	31336.30078	326.12	0	48.848684	-86.937696	56313.03	56232.1	17.91	56330.94	56333.42188	56355.11503	56353.99609	504570.8	5410636.8
L4570.0	504570.8	5410635.4	31336.40039	325.98	0	48.848672	-86.937697	56313.38	56232.1	17.91	56331.29	56333.75000	56367.80969	56366.68750	504570.8	5410635.4
L4570.0	504570.8	5410633.9	31336.50000	326.60	0	48.848658	-86.937697	56312.77	56232.1	17.90	56330.68	56333.12109	56361.63093	56360.50391	504570.8	5410633.9
L4570.0	504570.8	5410633.9	31336.59961	326.83	0	48.848658	-86.937697	56312.54	56232.1	17.90	56330.44	56332.85938	56362.67609	56361.54688	504570.8	5410633.9
L4570.0	504570.8	5410632.7	31336.69922	326.79	0	48.848647	-86.937697	56311.39	56232.1	17.90	56329.30	56331.69922	56345.91232	56344.77734	504570.8	5410632.7
L4570.0	504570.8	5410631.0	31336.80078	329.17	0	48.848632	-86.937697	56311.63	56232.1	17.90	56329.53	56331.91016	56356.14447	56355.00781	504570.8	5410631.0
L4570.0	504570.8	5410629.4	31336.90039	329.99	0	48.848617	-86.937697	56311.75	56232.1	17.90	56329.65	56332.01172	56364.16701	56363.02734	504570.8	5410629.4
L4570.0	504570.8	5410629.4	31337.00000	329.91	0	48.848617	-86.937697	56311.12	56232.1	17.90	56329.02	56331.35938	56357.33988	56356.19531	504570.8	5410629.4
L4570.0	504570.8	5410628.0	31337.09961	329.82	0	48.848605	-86.937697	56311.29	56232.1	17.90	56329.19	56331.51172	56366.25153	56365.10547	504570.8	5410628.0
L4570.0	504570.8	5410626.4	31337.19922	330.52	0	48.848590	-86.937697	56310.32	56232.1	17.90	56328.22	56330.52344	56352.66668	56351.51563	504570.8	5410626.4
L4570.0	504570.8	5410624.6	31337.30078	330.01	0	48.848574	-86.937697	56310.22	56232.1	17.90	56328.12	56330.40234	56356.17440	56355.01953	504570.8	5410624.6
L4570.0	504570.8	5410623.3	31337.40039	330.07	0	48.848562	-86.937697	56309.66	56232.1	17.90	56327.56	56329.82422	56350.61989	56349.46484	504570.8	5410623.3
L4570.0	504570.8	5410623.3	31337.50000	328.98	0	48.848562	-86.937697	56309.71	56232.1	17.90	56327.61	56329.85547	56356.96007	56355.80078	504570.8	5410623.3
L4570.0	504570.8	5410621.7	31337.59961	327.30	0	48.848548	-86.937697	56308.87	56232.1	17.90	56326.77	56329.00000	56345.91650	56344.75391	504570.8	5410621.7
L4570.0	504570.8	5410621.7	31337.69922	328.25	0	48.848548	-86.937697	56308.61	56232.1	17.90	56326.51	56328.72266	56346.14695	56344.98047	504570.8	5410621.7
L4570.0	504570.8	5410620.3	31337.80078	328.11	0	48.848536	-86.937697	56307.64	56232.1	17.90	56325.54	56327.73438	56332.66994	56331.50000	504570.8	5410620.3
L4570.0	504570.8	5410618.5	31337.80078	328.11	0	48.848520	-86.937697	56307.16	56232.1	17.90	56325.06	56327.23438	56328.68296	56327.51172	504570.8	5410618.5
L4570.0	504570.8	5410617.2	31338.00000	327.48	0	48.848507	-86.937697	56307.28	56232.1	17.90	56325.18	56327.33984	56336.12632	56334.95313	504570.8	5410617.2
L4570.0	504570.8	5410617.2	31338.09961	327.89	0	48.848507	-86.937697	56306.98	56232.1	17.90	56324.88	56327.02344	56335.50583	56334.33203	504570.8	5410617.2
L4570.0	504570.8	5410615.7	31338.19922	327.86	0	48.848495	-86.937697	56306.95	56232.1	17.90	56324.85	56326.97656	56340.68750	56339.50781	504570.8	5410615.7
L4570.0	504570.8	5410613.8	31338.30078	327.25	0	48.848478	-86.937697	56306.19	56232.1	17.89	56324.08	56326.18750	56328.36124	56327.17969	504570.8	5410613.8
L4570.0	504570.8	5410612.5	31338.40039	326.46	0	48.848465	-86.937698	56306.68	56232.1	17.89	56324.57	56326.66406	56347.01839	56345.83594	504570.8	5410612.5
L4570.0	504570.8	5410612.5	31338.50000	323.91	0	48.848465	-86.937698	56305.88	56232.1	17.89	56323.77	56325.84766	56333.96510	56332.78125	504570.8	5410612.5
L4570.0	504570.7	5410610.9	31338.59961	325.18	0	48.848451	-86.937698	56305.86	56232.1	17.89	56323.74	56325.80078	56339.64413	56338.45703	504570.7	5410610.9
L4570.0	504570.7	5410609.8	31338.69922	324.31	0	48.848441	-86.937698	56305.68	56232.1	17.89	56323.57	56325.61719	56341.83576	56340.64844	504570.7	5410609.8
L4570.0	504570.7	5410609.8	31338.80078	325.40	0	48.848441	-86.937698	56305.91	56232.1	17.88	56323.79	56325.82031	56353.28780	56352.09766	504570.7	5410609.8
L4570.0	504570.7	5410607.9	31338.90039	325.87	0	48.848424	-86.937698	56304.70	56232.1	17.88	56322.58	56324.59766	56330.52578	56329.33594	504570.7	5410607.9
L4570.0	504570.7	5410606.7	31339.00000	325.31	0	48.848414	-86.937698	56303.87	56232.1	17.88	56321.75	56323.75000	56316.90174	56315.71094	504570.7	5410606.7
L4570.0	504570.8	5410605.1	31339.09961	325.16	0	48.848399	-86.937698	56304.40	56232.1	17.88	56322.28	56324.26563	56335.52513	56334.33203	504570.8	5410605.1
L4570.0	504570.8	5410605.1	31339.19922	324.90	0	48.848399	-86.937698	56303.96	56232.1	17.88	56321.84	56323.81250	56331.07639	56329.87891	504570.8	5410605.1
L4570.0	504570.8	5410603.6	31339.30078	325.00	0	48.848385	-86.937698	56304.28	56232.1	17.88	56322.15	56324.10938	56344.33671	56343.14063	504570.8	5410603.6
L4570.0	504570.8	5410602.0	31339.40039	324.34	0	48.848371	-86.937697	56303.71	56232.1	17.88	56321.58	56323.52734	56336.73032	56335.53516	504570.8	5410602.0
L4570.0	504570.8	5410600.5	31339.40039	324.34	0	48.848358	-86.937697	56303.98	56232.1	17.88	56321.86	56323.79297	56349.21649	56348.01953	504570.8	5410600.5
L4570.0	504570.8	5410600.5	31339.59961	325.15	0	48.848358	-86.937697	56303.21	56232.1	17.87	56321.08	56323.00000	56336.54480	56335.34766	504570.8	5410600.5
L4570.0	504570.8	5410599.4	31339.69922	325.98	0	48.848348	-86.937697	56303.31	56232.1	17.87	56321.18	56323.08594	56344.72139	56343.51953	504570.8	5410599.4
L4570.0	504570.8	5410597.4	31339.80078	325.61	0	48.848329	-86.937697	56303.33	56232.1	17.87	56321.20	56323.09375	56350.99722	56349.79688	504570.8	5410597.4
L4570.0	504570.8	5410596.4	31339.80078	325.61	0	48.848320	-86.937697	56302.89	56232.1	17.87	56320.77	56322.65234	56346.51134	56345.31250	504570.8	5410596.4
L4570.0	504570.8	5410596.4	31339.90039	327.42	0	48.848320	-86.937697	56303.40	56232.1	17.87	56321.27	56323.13672	56364.29586	56363.09766	504570.8	5410596.4
L4570.0	504570.9	5410595.0	31340.00000	328.61	0	48.848308	-86.937696	56302.23	56232.1	17.87	56320.10	56321.95703	56341.93321	56340.73047	504570.9	5410595.0
L4570.0	504570.9	5410593.7	31340.09961	329.74	0	48.848296	-86.937696	56302.71	56232.1	17.87	56320.58	56322.42578	56359.28130	56358.07813	504570.9	5410593.7
L4570.0	504570.9	5410593.7	31340.19922	327.86	0	48.848296	-86.937696	56301.55	56232.1	17.87	56319.42	56321.25391	56336.91029	56335.70703	504570.9	5410593.7
L4570.0	504570.9	5410592.0	31340.40039	327.42	0	48.848281	-86.937695	56301.72	56232.1	17.87	56319.59	56321.41016	56346.74130	56345.53906	504570.9	5410592.0

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4570.0	504571.0	5410590.6	31340.50000	328.22	0	48.848268	-86.937695	56300.83	56232.1	17.86	56318.69	56320.50000	56330.45927	56329.25781	504571.0	5410590.6
L4570.0	504571.0	5410590.6	31340.59961	329.47	0	48.848268	-86.937695	56301.00	56232.1	17.86	56318.87	56320.66797	56340.50615	56339.30078	504571.0	5410590.6
L4570.0	504571.0	5410589.0	31340.69922	328.18	0	48.848254	-86.937695	56300.88	56232.1	17.86	56318.74	56320.52734	56342.95884	56341.75391	504571.0	5410589.0
L4570.0	504571.0	5410587.8	31340.80078	327.75	0	48.848243	-86.937694	56300.93	56232.1	17.86	56318.80	56320.57813	56350.05864	56348.85156	504571.0	5410587.8
L4570.0	504571.0	5410587.8	31340.90039	327.00	0	48.848243	-86.937694	56300.88	56232.1	17.86	56318.74	56320.50781	56354.18949	56352.98438	504571.0	5410587.8
L4570.0	504571.0	5410586.1	31341.00000	327.32	0	48.848228	-86.937694	56300.12	56232.1	17.86	56317.98	56319.73438	56341.05091	56339.84766	504571.0	5410586.1
L4570.0	504571.0	5410584.5	31341.09961	326.49	0	48.848213	-86.937694	56300.42	56232.1	17.86	56318.28	56320.02344	56353.98537	56352.78125	504571.0	5410584.5
L4570.0	504571.0	5410584.5	31341.19922	326.93	0	48.848213	-86.937694	56299.58	56232.1	17.86	56317.43	56319.16406	56338.56827	56337.36328	504571.0	5410584.5
L4570.0	504571.1	5410582.4	31341.30078	326.86	0	48.848195	-86.937694	56299.58	56232.1	17.85	56317.43	56319.15625	56344.06147	56342.85547	504571.1	5410582.4
L4570.0	504571.1	5410580.9	31341.40039	326.52	0	48.848181	-86.937693	56298.40	56232.1	17.85	56316.25	56317.96484	56320.52418	56319.32031	504571.1	5410580.9
L4570.0	504571.1	5410579.6	31341.50000	327.21	0	48.848170	-86.937693	56299.12	56232.2	17.85	56316.97	56318.67578	56343.66565	56342.46094	504571.1	5410579.6
L4570.0	504571.1	5410578.2	31341.59961	328.55	0	48.848157	-86.937693	56299.19	56232.2	17.85	56317.04	56318.73828	56350.80163	56349.59766	504571.1	5410578.2
L4570.0	504571.1	5410578.2	31341.69922	327.08	0	48.848157	-86.937693	56299.56	56232.2	17.85	56317.40	56319.08594	56365.00590	56363.80078	504571.1	5410578.2
L4570.0	504571.1	5410576.9	31341.80078	327.69	0	48.848145	-86.937693	56298.64	56232.2	17.84	56316.49	56318.16797	56348.14046	56346.93359	504571.1	5410576.9
L4570.0	504571.1	5410576.9	31341.80078	327.69	0	48.848145	-86.937693	56297.71	56232.2	17.84	56315.56	56317.23047	56330.83047	56329.62500	504571.1	5410576.9
L4570.0	504571.1	5410575.3	31342.00000	326.75	0	48.848131	-86.937693	56297.33	56232.2	17.84	56315.17	56316.83203	56326.72241	56325.51953	504571.1	5410575.3
L4570.0	504571.1	5410573.5	31342.09961	325.83	0	48.848114	-86.937693	56297.48	56232.2	17.84	56315.32	56316.97266	56335.76935	56334.56250	504571.1	5410573.5
L4570.0	504571.1	5410572.1	31342.19922	325.67	0	48.848102	-86.937694	56297.86	56232.2	17.84	56315.70	56317.34375	56350.39046	56349.18359	504571.1	5410572.1
L4570.0	504571.0	5410570.3	31342.30078	324.92	0	48.848086	-86.937694	56298.36	56232.2	17.84	56316.20	56317.83594	56367.89765	56366.69141	504571.0	5410570.3
L4570.0	504571.0	5410570.3	31342.40039	324.01	0	48.848086	-86.937694	56297.71	56232.2	17.84	56315.55	56317.17969	56357.45266	56356.24609	504571.0	5410570.3
L4570.0	504571.0	5410568.4	31342.50000	324.74	0	48.848069	-86.937695	56296.58	56232.2	17.84	56314.42	56316.03906	56335.38241	56334.17969	504571.0	5410568.4
L4570.0	504571.0	5410568.4	31342.59961	324.67	0	48.848069	-86.937695	56295.55	56232.2	17.84	56313.39	56315.00391	56315.77443	56314.57031	504571.0	5410568.4
L4570.0	504571.0	5410567.0	31342.69922	324.67	0	48.848056	-86.937695	56296.08	56232.2	17.84	56313.92	56315.52344	56333.95882	56332.75391	504571.0	5410567.0
L4570.0	504570.9	5410565.6	31342.80078	326.14	0	48.848043	-86.937696	56295.75	56232.2	17.84	56313.59	56315.18750	56331.30643	56330.10156	504570.9	5410565.6
L4570.0	504570.9	5410565.6	31342.90039	327.03	0	48.848043	-86.937696	56295.52	56232.2	17.84	56313.36	56314.94922	56331.06825	56329.86328	504570.9	5410565.6
L4570.0	504570.9	5410563.5	31343.00000	327.49	0	48.848025	-86.937696	56295.29	56232.2	17.84	56313.13	56314.71094	56330.82485	56329.62109	504570.9	5410563.5
L4570.0	504570.9	5410561.9	31343.09961	328.20	0	48.848011	-86.937696	56295.41	56232.2	17.84	56313.25	56314.82422	56339.00308	56337.80078	504570.9	5410561.9
L4570.0	504570.9	5410560.0	31343.19922	328.47	0	48.847993	-86.937696	56295.24	56232.2	17.84	56313.08	56314.64844	56340.17886	56338.97266	504570.9	5410560.0
L4570.0	504570.9	5410560.0	31343.30078	328.47	0	48.847993	-86.937696	56294.60	56232.2	17.84	56312.45	56314.01172	56330.29541	56329.08984	504570.9	5410560.0
L4570.0	504570.9	5410558.3	31343.40039	326.90	0	48.847978	-86.937696	56294.84	56232.2	17.84	56312.68	56314.23438	56341.05647	56339.85156	504570.9	5410558.3
L4570.0	504570.9	5410556.7	31343.50000	326.48	0	48.847964	-86.937696	56294.29	56232.2	17.85	56312.13	56313.67969	56333.09480	56331.89453	504570.9	5410556.7
L4570.0	504570.9	5410556.7	31343.59961	326.83	0	48.847964	-86.937696	56294.31	56232.2	17.85	56312.15	56313.69141	56338.78418	56337.58203	504570.9	5410556.7
L4570.0	504570.9	5410555.3	31343.69922	326.26	0	48.847951	-86.937696	56293.63	56232.2	17.85	56311.47	56313.00391	56327.71682	56326.51563	504570.9	5410555.3
L4570.0	504570.9	5410553.9	31343.80078	325.32	0	48.847938	-86.937696	56294.14	56232.2	17.85	56311.99	56313.51953	56345.33561	56344.13281	504570.9	5410553.9
L4570.0	504570.9	5410553.9	31343.80078	325.32	0	48.847938	-86.937696	56293.66	56232.2	17.85	56311.51	56313.03125	56339.04401	56337.84375	504570.9	5410553.9
L4570.0	504570.9	5410551.8	31344.00000	323.47	0	48.847919	-86.937696	56293.48	56232.2	17.85	56311.33	56312.84766	56339.91690	56338.71875	504570.9	5410551.8
L4570.0	504570.9	5410551.8	31344.09961	324.23	0	48.847919	-86.937696	56293.20	56232.2	17.85	56311.04	56312.55078	56338.15480	56336.95703	504570.9	5410551.8
L4570.0	504570.9	5410549.1	31344.19922	324.28	0	48.847895	-86.937696	56292.66	56232.2	17.85	56310.51	56312.01563	56330.64143	56329.44141	504570.9	5410549.1
L4570.0	504570.9	5410549.1	31344.30078	325.74	0	48.847895	-86.937696	56292.26	56232.2	17.85	56310.11	56311.60938	56326.21775	56325.01953	504570.9	5410549.1
L4570.0	504570.9	5410547.7	31344.40039	326.02	0	48.847883	-86.937696	56291.72	56232.2	17.85	56309.57	56311.06250	56318.41183	56317.21484	504570.9	5410547.7
L4570.0	504570.9	5410546.6	31344.50000	325.71	0	48.847873	-86.937696	56292.22	56232.2	17.85	56310.07	56311.55859	56335.55725	56334.35938	504570.9	5410546.6
L4570.0	504570.9	5410546.6	31344.59961	326.82	0	48.847873	-86.937696	56291.82	56232.2	17.85	56309.67	56311.15234	56331.08569	56329.89063	504570.9	5410546.6
L4570.0	504570.9	5410545.2	31344.69922	327.17	0	48.847860	-86.937696	56291.82	56232.2	17.85	56309.67	56311.14844	56336.23597	56335.03906	504570.9	5410545.2
L4570.0	504570.9	5410543.8	31344.80078	326.29	0	48.847848	-86.937696	56291.44	56232.2	17.85	56309.29	56310.76172	56332.20750	56331.01172	504570.9	5410543.8
L4570.0	504570.9	5410542.0	31344.90039	325.57	0	48.847831	-86.937697	56291.97	56232.2	17.85	56309.82	56311.28906	56350.22036	56349.02734	504570.9	5410542.0
L4570.0	504570.9	5410542.0	31345.00000	325.04	0	48.847831	-86.937697	56291.03	56232.2	17.85	56308.88	56310.34375	56332.55633	56331.36328	504570.9	5410542.0
L4570.0	504570.9	5410540.4	31345.09961	326.14	0	48.847817	-86.937697	56290.19	56232.2	17.85	56308.04	56309.49609	56317.21592	56316.02344	504570.9	5410540.4
L4570.0	504570.8	5410538.5	31345.19922	325.17	0	48.847800	-86.937698	56290.06	56232.2	17.85	56307.90	56309.35156	56318.89561	56317.70313	504570.8	5410538.5
L4570.0	504570.8	5410538.5	31345.30078	327.42	0	48.847800	-86.937698	56289.91	56232.2	17.84	56307.75	56309.19922	56320.32015	56319.12891	504570.8	5410538.5
L4570.0	504570.8	5410536.9	31345.40039	328.14	0	48.847785	-86.937698	56290.46	56232.2	17.84	56308.30	56309.74219	56338.92959	56337.74219	504570.8	5410536.9
L4570.0	504570.8	5410535.3	31345.50000	329.25	0	48.847771	-86.937699	56289.76	56232.2	17.84	56307.60	56309.03906	56326.82102	56325.63281	504570.8	5410535.3
L4570.0	504570.7	5410534.1	31345.59961	329.59	0	48.847760	-86.937699	56290.06	56232.2	17.84	56307.89	56309.32422	56339.04924	56337.86328	504570.7	5410534.1
L4570.0	504570.7	5410534.1	31345.69922	329.02	0	48.847760	-86.937699	56289.52	56232.2	17.84	56307.36	56308.79297	56331.05182	56329.86719	504570.7	5410534.1
L4570.0	504570.7	5410532.9	31345.80078	329.04	0	48.847749	-86.937699	56289.76	56232.2	17.83	56307.59	56309.01563	56341.76730	56340.58203	504570.7	5410532.9
L4570.0	504570.7	5410531.4	31345.80078	329.04	0	48.847736	-86.937700	56289.09	56232.2	17.83	56306.92	56308.34375	56330.25949	56329.07422	504570.7	5410531.4
L4570.0	504570.6	5410530.0	31346.00000	325.69	0	48.847724	-86.937700	56288.98	56232.2	17.83	56306.81	56308.23047	56332.53862	56331.35547	504570.6	5410530.0
L4570.0	504570.6	5410530.0	31346.09961	325.64	0	48.847724	-86.937700	56288.56	56232.2	17.83	56306.39	56307.80469	56327.16621	56325.98438	504570.6	5410530.0
L4570.0	504570.6	5410528.6	31346.19922	326.40	0	48.847711	-86.937700	56288.09	56232.2	17.83	56305.92	56307.33203	56320.56978	56319.39063	504570.6	5410528.6
L4570.0	504570.6	5410526.8	31346.30078	326.34	0	48.847694	-86.937701	56288.48	56232.2	17.83	56306.31	56307.71875	56335.04076	56333.86328	504570.6	5410526.8
L4570.0	504570.6	5410525.5	31346.40039	327.87	0	48.847683	-86.937701	56288.35	56232.2	17.83	56306.18	56307.58594	56336.72495	56335.54688	504570.6	5410525.5
L4570.0	504570.6	5410525.5	31346.50000	326.34	0	48.847683	-86.937701	56288.56	56232.2	17.83	56306.39	56307.79297	56346.64782	56345.47266	504570.6	5410525.5
L4570.0	504570.6	5410523.9	31346.59961	326.05	0	48.847668	-86.937701	56288.29	56232.2	17.83	56306.12	56307.51953	56344.85919	56343.68359	504570.6	5410523.9
L4570.0	504570.6	5410522.3	31346.69922	326.86	0	48.847654	-86.937701	56288.12	56232.2	17.83	56305.95	56307.34375	56345.48540	56344.31250	504570.6	5410522.3
L4570.0	504570.6	5410522.3	31346.80078	326.42	0	48.847654	-86.937701	56287.33	56232.2	17.83	56305.16	56306.55078	56331.22618	56330.05469	504570.6	5410522.3
L4570.0	504570.6	5410520.4	31346.90039	327.68	0	48.847637	-86.937701	56287.04	56232.2	17.83	56304.87	56306.25781	56329.04197	56327.87109	504570.6	5410520.4
L4570.0	504570.6	5410519.0	31347.00000	327.87	0	48.847625	-86.937701	56287.05	56232.2	17.83	56304.88	56306.26563	56334.01221	56332.84375	504570.6	5410519.0
L4570.0	504570.6	5410519.0	31347.09961	327.11	0	48.847625	-86.937701	56286.66	56232.2	17.83	56304.49	56305.87500	56329.48818	56328.32031	504570.6	5410519.0
L4570.0	504570.6	5410517.5	31347.19922	326.76	0	48.847610	-86.937701	56286.96	56232.2	17.83	56304.79	56306.17188	56341.24856	56340.08203	504570.6	5410517.5
L4570.0	504570.6	5410515.8	31347.30078	325.75	0	48.847596	-86.937700	56286.46	56232.2	17.83	56304.29	56305.66797	56334.19102	56333.02344	504570.6	5410515.8
L4570.0	504570.6	5410515.8	31347.40039	326.21	0	48.847596	-86.937700	56286.79	56232.2	17.83	56304.61	56305.98438	56346.31632	56345.15234	504570.6	5410515.8
L4570.0	504570.7	5410514.3	31347.50000	324.81	0	48.847582	-86.937700	56286.43	56232.2	17.82	56304.26	56305.63281	56342.82700	56341.66406	504570.7	5410514.3
L4570.0	504570.7	5410512.8	31347.59961	322.37	0	48.847569	-86.937700	56286.02	56232.2	17.82	56303.85	56305.22266	56338.01577	56336.85156	504570.7	5410512.8
L4570.0	504570.7	5410512.8	31347.69922	323.51	0	48.847569	-86.937700	56285.34	56232.2	17.82	56303.16	56304.52734	56326.85042	56325.68750	504570.7	5410512.8
L4570.0	504570.7	5410510.9	31347.80078	323.34	0	48.847551	-86.937699	56285.16	56232.2	17.82	56302.98	56304.34766	56327.48208	56326.32031	504570.7	5410510.9
L4570.0	504570.7	5410509.3	31347.80078	323.34	0	48.847537	-86.937699	56284.85	56232.2	17.82	56302.67	56304.03516	56325.18678	56324.02734	504570.7	5410509.3
L4570.0	504570.7	5410509.3	31348.00000	323.61	0	48.847537	-86.937699	56284.55	56232.2	17.82	56302.37	56303.73438	56323.17885	56322.01953	504570.7	5410509.3
L4570.0	504570.7	5410507.2	31348.09961	324.78	0	48.847519	-86.937699	56285.01	56232.2	17.82	56302.83	56304.19141	56338.49780	56337.33594	504570.7	5410507.2
L4570.0	504570.7	5410506.0	31348.19922	324.46	0	48.847507	-86.937699	56284.74	56232.2	17.82	56302.56	56303.92188	56337.27413	56336.11328	504570.7	5410506.0
L4570.0	504570.7	5410504.4	31348.30078	324.67	0	48.847493	-86.937699	56284.34	56232.2	17.81	56302.16	56303.51953	56333.16986	56332.01172	504570.7	5410504.4
L4570.0	504570.7	5410504.4	31348.40039	323.59	0	48.847493	-86.937699	56283.88	56232.2	17.81	56301.69	56303.04688	56327.53862	56326.37891	504570.7	5410504.4
L4570.0	504570.7	5410502.8	31348.50000	323.26	0	48.847478	-86.937699	56283.83	56232.2	17.81	56301.64	56302.99609	56331.52939	56330.37109	504570.7	5410502.8
L4570.0	504570.7	5410502.8	31348.59961	323.78	0	48.847478	-86.937699	56283.81	56232.2	17.81	56301.62	56302.97266	56336.30450	56335.14453	504570.7	5410502.8
L4570.0	504570.7	5410501.0	31348.69922	324.44	0	48.847462	-86.937700	56283.73	56232.2	17.81	56301.53	56302.88281	56339.58997	56338.43359	504570.7	5410501.0
L4570.0	504570.7	5410499.5	31348.80078	323.74	0	48.847449	-86.937700	56283.32	56232.2	17.80	56301.12	56302.47266	56335.60211	56334.44531	504570.7	5410499.5
L4570.0	504570.7	5410498.0	31348.90039	324.21	0	48.847435	-86.937700	56282.56	56232.2	17.80	56300.36	56301.71094	56323.51324	56322.35547	504570.7	5410498.0
L4570.0	504570.7	5410498.0	31349.00000	324.98	0	48.847435	-86.937700	56282.13	56232.2	17.80	56299.93	56301.28125	56319.05438	56317.89453	504570.7	5410498.0
L4570.0	504570.7	5410496.4	31349.09961	324.54	0	48.847421	-86.937699	56281.27	56232.2	17.80	56299.07	56300.41797	56304.45637	56303.29688	504570.7	5410496.4
L4570.0	504570.7	5410494.5	31349.19922	325.55	0	48.847404	-86.937699	56281.56	56232.2	17.79	56299.36	56300.70703	56317.01812	56315.85938	504570.7	5410494.5
L4570.0	504570.7	5410494.5	31349.30078	326.45	0	48.847404	-86.937699	56280.97	56232.2	17.79	56298.76	56300.10938	56308.52115	56307.36328	504570.7	5410494.5
L4570.0	504570.7	5410493.3	31349.40039	326.87	0	48.847393	-86.937699	56281.53	56232.2	17.79	56299.32	56300.66797	56327.96537	56326.80469	504570.7	5410493.3
L4570.0	504570.7	5410492.1	31349.50000	327.04	0	48.847382	-86.937699	56281.74	56232.2	17.79	56299.53	56300.87891	56339.26298	56338.10156	504570.7	5410492.1
L4570.0	504570.7	5410492.1	31349.59961	326.69	0	48.847382	-86.937699	56281.35	56232.2	17.78	56299.13	56300.47656	56335.81901	56334.65625	504570.7	5410492.1
L4570.0	504570.7	5410490.5	31349.69922	326.97	0	48.847368	-86.937699	56280.98	56232.2	17.78	56298.76	56300.10547	56333.11077	56331.94531	504570.7	5410490.5

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4570.0	504570.7	5410488.7	31349.80078	329.32	0	48.847352	-86.937699	56279.85	56232.2	17.78	56297.63	56298.97656	56311.48300	56310.31641	504570.7	5410488.7
L4570.0	504570.7	5410487.4	31349.80078	329.32	0	48.847340	-86.937699	56280.00	56232.2	17.78	56297.78	56299.12500	56325.57298	56324.40625	504570.7	5410487.4
L4570.0	504570.7	5410487.4	31350.00000	329.06	0	48.847340	-86.937699	56279.43	56232.2	17.77	56297.20	56298.54688	56319.55473	56318.38281	504570.7	5410487.4
L4570.0	504570.7	5410486.0	31350.09961	329.17	0	48.847327	-86.937699	56280.00	56232.2	17.76	56297.77	56299.11719	56335.47954	56334.30469	504570.7	5410486.0
L4570.0	504570.8	5410484.4	31350.19922	329.07	0	48.847313	-86.937699	56279.75	56232.2	17.76	56297.50	56298.84766	56335.44138	56334.26563	504570.8	5410484.4
L4570.0	504570.8	5410484.4	31350.30078	329.30	0	48.847313	-86.937699	56279.82	56232.2	17.75	56297.58	56298.92578	56342.14292	56340.96484	504570.8	5410484.4
L4570.0	504570.8	5410482.8	31350.40039	329.16	0	48.847298	-86.937699	56279.39	56232.3	17.75	56297.14	56298.48828	56338.87076	56337.69141	504570.8	5410482.8
L4570.0	504570.8	5410481.1	31350.50000	329.80	0	48.847284	-86.937699	56278.95	56232.3	17.74	56296.69	56298.03906	56335.41150	56334.22656	504570.8	5410481.1
L4570.0	504570.8	5410481.1	31350.59961	329.77	0	48.847284	-86.937699	56278.86	56232.3	17.73	56296.59	56297.93750	56338.70018	56337.51172	504570.8	5410481.1
L4570.0	504570.8	5410479.9	31350.69922	329.07	0	48.847273	-86.937699	56278.11	56232.3	17.73	56295.84	56297.18750	56329.51685	56328.32422	504570.8	5410479.9
L4570.0	504570.8	5410478.8	31350.80078	328.65	0	48.847262	-86.937699	56278.27	56232.3	17.72	56296.00	56297.34766	56337.82628	56336.63281	504570.8	5410478.8
L4570.0	504570.8	5410477.1	31350.90039	328.38	0	48.847247	-86.937699	56277.50	56232.3	17.72	56295.22	56296.57031	56328.17446	56326.97656	504570.8	5410477.1
L4570.0	504570.8	5410477.1	31351.00000	327.21	0	48.847247	-86.937699	56277.61	56232.3	17.71	56295.32	56296.67188	56335.35541	56334.15234	504570.8	5410477.1
L4570.0	504570.7	5410476.1	31351.09961	327.14	0	48.847238	-86.937699	56277.45	56232.3	17.71	56295.16	56296.51172	56337.59467	56336.38672	504570.7	5410476.1
L4570.0	504570.8	5410474.5	31351.19922	327.17	0	48.847224	-86.937699	56277.22	56232.3	17.71	56294.93	56296.28516	56339.50082	56338.28906	504570.8	5410474.5
L4570.0	504570.7	5410473.0	31351.30078	326.04	0	48.847210	-86.937699	56275.91	56232.3	17.71	56293.63	56294.98438	56314.40443	56313.18750	504570.7	5410473.0
L4570.0	504570.7	5410473.0	31351.40039	326.55	0	48.847210	-86.937699	56275.82	56232.3	17.71	56293.54	56294.89453	56319.49060	56318.26563	504570.7	5410473.0
L4570.0	504570.7	5410471.2	31351.50000	327.50	0	48.847194	-86.937699	56276.20	56232.3	17.71	56293.92	56295.27734	56336.13498	56334.90625	504570.7	5410471.2
L4570.0	504570.8	5410469.6	31351.59961	326.73	0	48.847180	-86.937699	56275.71	56232.3	17.72	56293.43	56294.78906	56331.48099	56330.24219	504570.8	5410469.6
L4570.0	504570.8	5410469.6	31351.69922	324.84	0	48.847180	-86.937699	56275.74	56232.3	17.72	56293.46	56294.82031	56339.59958	56338.35547	504570.8	5410469.6
L4570.0	504570.8	5410468.2	31351.80078	325.68	0	48.847167	-86.937699	56275.56	56232.3	17.72	56293.28	56294.64063	56342.68312	56341.43359	504570.8	5410468.2
L4570.0	504570.8	5410467.0	31351.80078	325.68	0	48.847156	-86.937699	56275.61	56232.3	17.72	56293.33	56294.69141	56351.40041	56350.14453	504570.8	5410467.0
L4570.0	504570.8	5410465.3	31352.00000	326.41	0	48.847141	-86.937699	56274.23	56232.3	17.72	56291.95	56293.31250	56325.86825	56324.60156	504570.8	5410465.3
L4570.0	504570.8	5410465.3	31352.09961	325.61	0	48.847141	-86.937699	56273.68	56232.3	17.72	56291.40	56292.76563	56320.47080	56319.19531	504570.8	5410465.3
L4570.0	504570.8	5410463.7	31352.19922	324.87	0	48.847127	-86.937698	56273.63	56232.3	17.71	56291.34	56292.70703	56326.92184	56325.64063	504570.8	5410463.7
L4570.0	504570.9	5410462.3	31352.30078	324.94	0	48.847115	-86.937698	56273.46	56232.3	17.71	56291.17	56292.53906	56330.85159	56329.56250	504570.9	5410462.3
L4570.0	504570.9	5410460.7	31352.40039	325.33	0	48.847100	-86.937697	56273.27	56232.3	17.71	56290.97	56292.33984	56334.18527	56332.88672	504570.9	5410460.7
L4570.0	504570.9	5410460.7	31352.50000	325.57	0	48.847100	-86.937697	56272.53	56232.3	17.71	56290.24	56291.61328	56325.01742	56323.70703	504570.9	5410460.7
L4570.0	504571.0	5410459.1	31352.59961	327.14	0	48.847085	-86.937697	56272.14	56232.3	17.70	56289.84	56291.21484	56323.84019	56322.51953	504571.0	5410459.1
L4570.0	504571.0	5410459.1	31352.69922	328.10	0	48.847085	-86.937697	56270.98	56232.3	17.70	56288.68	56290.05859	56304.66089	56303.33203	504571.0	5410459.1
L4570.0	504571.0	5410455.9	31352.80078	327.41	0	48.847057	-86.937696	56271.33	56232.3	17.70	56289.02	56290.39844	56321.37789	56320.03906	504571.0	5410455.9
L4570.0	504571.0	5410455.9	31352.90039	326.76	0	48.847057	-86.937696	56270.36	56232.3	17.69	56288.05	56289.43359	56306.93684	56305.58594	504571.0	5410455.9
L4570.0	504571.0	5410454.5	31353.00000	326.20	0	48.847044	-86.937696	56270.34	56232.3	17.69	56288.03	56289.41406	56315.32126	56313.95703	504571.0	5410454.5
L4570.0	504571.1	5410452.9	31353.09961	325.01	0	48.847030	-86.937695	56269.71	56232.3	17.69	56287.40	56288.78906	56309.21695	56307.83984	504571.1	5410452.9
L4570.0	504571.1	5410451.2	31353.19922	324.12	0	48.847015	-86.937695	56270.27	56232.3	17.69	56287.96	56289.35156	56331.81036	56330.42188	504571.1	5410451.2
L4570.0	504571.1	5410451.2	31353.30078	327.12	0	48.847015	-86.937695	56269.82	56232.3	17.69	56287.51	56288.90234	56330.28005	56328.87891	504571.1	5410451.2
L4570.0	504571.1	5410449.8	31353.40039	325.56	0	48.847002	-86.937695	56268.95	56232.3	17.69	56286.64	56288.03516	56318.72616	56317.31250	504571.1	5410449.8
L4570.0	504571.1	5410449.8	31353.50000	326.86	0	48.847002	-86.937695	56269.13	56232.3	17.69	56286.82	56288.21875	56332.61360	56331.18750	504571.1	5410449.8
L4570.0	504571.1	5410448.2	31353.59961	327.81	0	48.846988	-86.937695	56268.19	56232.3	17.69	56285.88	56287.28125	56319.55467	56318.11328	504571.1	5410448.2
L4570.0	504571.1	5410446.9	31353.69922	327.43	0	48.846975	-86.937694	56267.96	56232.3	17.69	56285.65	56287.05469	56323.76831	56322.31250	504571.1	5410446.9
L4570.0	504571.1	5410446.9	31353.80078	328.16	0	48.846975	-86.937694	56266.73	56232.3	17.69	56284.42	56285.82422	56303.85834	56302.38672	504571.1	5410446.9
L4570.0	504571.1	5410445.3	31353.80078	328.16	0	48.846962	-86.937694	56267.12	56232.3	17.69	56284.81	56286.21875	56323.32541	56321.83984	504571.1	5410445.3
L4570.0	504571.1	5410443.7	31354.00000	327.79	0	48.846947	-86.937694	56266.98	56232.3	17.69	56284.67	56286.08203	56330.06041	56328.55859	504571.1	5410443.7
L4570.0	504571.1	5410443.7	31354.09961	327.31	0	48.846947	-86.937694	56266.81	56232.3	17.69	56284.49	56285.90625	56335.93579	56334.41797	504571.1	5410443.7
L4570.0	504571.1	5410442.2	31354.19922	327.29	0	48.846933	-86.937695	56266.36	56232.3	17.69	56284.04	56285.45703	56335.36615	56333.83203	504571.1	5410442.2
L4570.0	504571.1	5410441.0	31354.30078	326.03	0	48.846922	-86.937695	56264.89	56232.3	17.68	56282.57	56283.99219	56310.15237	56308.60156	504571.1	5410441.0
L4570.0	504571.1	5410439.6	31354.40039	325.39	0	48.846910	-86.937695	56264.85	56232.3	17.68	56282.53	56283.95313	56319.75363	56318.18359	504571.1	5410439.6
L4570.0	504571.1	5410439.6	31354.50000	326.27	0	48.846910	-86.937695	56263.82	56232.3	17.68	56281.50	56282.92578	56305.45142	56303.86328	504571.1	5410439.6
L4570.0	504571.1	5410437.9	31354.59961	326.62	0	48.846895	-86.937695	56263.98	56232.3	17.68	56281.66	56283.08984	56320.11919	56318.51172	504571.1	5410437.9
L4570.0	504571.1	5410436.8	31354.69922	326.60	0	48.846885	-86.937695	56263.21	56232.3	17.68	56280.88	56282.31250	56312.11093	56310.48438	504571.1	5410436.8
L4570.0	504571.1	5410435.2	31354.80078	325.36	0	48.846871	-86.937695	56263.41	56232.3	17.67	56281.09	56282.52734	56328.19613	56326.55469	504571.1	5410435.2
L4570.0	504571.1	5410435.2	31354.90039	325.21	0	48.846871	-86.937695	56262.75	56232.3	17.67	56280.42	56281.85938	56323.07926	56321.41797	504571.1	5410435.2
L4570.0	504571.0	5410432.9	31355.00000	326.63	0	48.846849	-86.937696	56262.39	56232.3	17.67	56280.06	56281.50391	56325.57927	56323.89453	504571.0	5410432.9
L4570.0	504571.0	5410431.7	31355.09961	326.47	0	48.846839	-86.937696	56261.73	56232.3	17.66	56279.40	56280.84766	56320.93752	56319.23438	504571.0	5410431.7
L4570.0	504571.0	5410431.7	31355.19922	326.97	0	48.846839	-86.937696	56260.84	56232.3	17.66	56278.49	56279.94141	56310.37368	56308.64844	504571.0	5410431.7
L4570.0	504571.0	5410430.1	31355.30078	325.53	0	48.846825	-86.937696	56260.59	56232.4	17.65	56278.24	56279.69531	56315.88003	56314.13672	504571.0	5410430.1
L4570.0	504571.0	5410428.7	31355.40039	325.47	0	48.846812	-86.937696	56259.17	56232.4	17.64	56276.81	56278.26953	56292.98917	56291.22656	504571.0	5410428.7
L4570.0	504571.0	5410427.0	31355.50000	326.16	0	48.846796	-86.937697	56259.06	56232.4	17.63	56276.69	56278.15234	56301.86847	56300.08203	504571.0	5410427.0
L4570.0	504571.0	5410427.0	31355.59961	326.06	0	48.846796	-86.937697	56258.69	56232.4	17.63	56276.32	56277.78516	56304.82421	56303.01563	504571.0	5410427.0
L4570.0	504571.0	5410425.3	31355.69922	326.05	0	48.846782	-86.937697	56258.82	56232.4	17.62	56276.45	56277.92188	56319.99559	56318.16406	504571.0	5410425.3
L4570.0	504570.9	5410424.0	31355.80078	327.21	0	48.846770	-86.937697	56257.85	56232.4	17.61	56275.46	56276.93359	56308.18895	56306.33594	504570.9	5410424.0
L4570.0	504570.9	5410424.0	31355.80078	327.21	0	48.846770	-86.937697	56257.39	56232.4	17.61	56275.01	56276.48828	56309.56560	56307.69141	504570.9	5410424.0
L4570.0	504570.9	5410422.6	31356.00000	327.96	0	48.846758	-86.937697	56256.96	56232.4	17.60	56274.56	56276.04297	56311.06226	56309.16406	504570.9	5410422.6
L4570.0	504570.9	5410421.4	31356.09961	325.74	0	48.846747	-86.937698	56256.93	56232.4	17.60	56274.53	56276.01563	56322.88593	56320.96484	504570.9	5410421.4
L4570.0	504570.9	5410421.4	31356.19922	326.09	0	48.846747	-86.937698	56256.27	56232.4	17.60	56273.87	56275.36328	56319.53048	56317.58594	504570.9	5410421.4
L4570.0	504570.9	5410419.4	31356.30078	324.58	0	48.846729	-86.937698	56255.70	56232.4	17.60	56273.30	56274.79688	56318.47805	56316.50781	504570.9	5410419.4
L4570.0	504570.9	5410418.1	31356.40039	326.65	0	48.846716	-86.937698	56255.09	56232.4	17.60	56272.69	56274.19141	56316.56525	56314.57422	504570.9	5410418.1
L4570.0	504570.9	5410418.1	31356.50000	325.84	0	48.846716	-86.937698	56254.13	56232.4	17.60	56271.73	56273.23438	56306.19745	56304.17969	504570.9	5410418.1
L4570.0	504570.9	5410416.7	31356.59961	328.03	0	48.846704	-86.937698	56253.59	56232.4	17.60	56271.19	56272.69922	56306.21031	56304.16797	504570.9	5410416.7
L4570.0	504570.9	5410414.9	31356.69922	327.37	0	48.846688	-86.937698	56252.59	56232.4	17.60	56270.19	56271.70313	56295.02381	56292.95703	504570.9	5410414.9
L4570.0	504570.9	5410414.9	31356.80078	326.95	0	48.846688	-86.937698	56252.37	56232.4	17.60	56269.97	56271.48828	56303.13275	56301.04297	504570.9	5410414.9
L4570.0	504570.9	5410413.4	31356.90039	326.42	0	48.846674	-86.937698	56251.90	56232.4	17.60	56269.50	56271.02344	56305.21207	56303.09766	504570.9	5410413.4
L4570.0	504570.9	5410411.7	31357.00000	324.46	0	48.846659	-86.937699	56251.86	56232.4	17.60	56269.46	56270.98828	56318.06476	56315.92578	504570.9	5410411.7
L4570.0	504570.9	5410411.7	31357.09961	326.60	0	48.846659	-86.937699	56251.09	56232.4	17.60	56268.68	56270.21094	56312.70223	56310.53516	504570.9	5410411.7
L4570.0	504570.8	5410410.3	31357.19922	328.80	0	48.846647	-86.937699	56249.81	56232.4	17.59	56267.40	56268.93750	56294.98663	56292.79688	504570.8	5410410.3
L4570.0	504570.8	5410408.7	31357.30078	328.57	0	48.846632	-86.937699	56249.32	56232.4	17.59	56266.92	56268.46094	56297.24624	56295.03125	504570.8	5410408.7
L4570.0	504570.8	5410407.1	31357.40039	328.34	0	48.846617	-86.937699	56248.89	56232.4	17.59	56266.48	56268.02734	56300.61215	56298.37109	504570.8	5410407.1
L4570.0	504570.8	5410407.1	31357.50000	330.49	0	48.846617	-86.937699	56248.51	56232.4	17.58	56266.10	56267.65234	56305.58113	56303.31641	504570.8	5410407.1
L4570.0	504570.8	5410405.4	31357.59961	328.75	0	48.846603	-86.937700	56247.82	56232.4	17.58	56265.41	56266.96875	56302.92175	56300.62891	504570.8	5410405.4
L4570.0	504570.8	5410405.4	31357.69922	328.15	0	48.846603	-86.937700	56247.39	56232.4	17.58	56264.97	56266.53125	56306.59828	56304.28125	504570.8	5410405.4
L4570.0	504570.8	5410403.7	31357.80078	327.64	0	48.846587	-86.937700	56246.39	56232.4	17.58	56263.97	56265.53906	56296.41821	56294.07422	504570.8	5410403.7
L4570.0	504570.8	5410402.1	31357.80078	327.64	0	48.846573	-86.937700	56245.45	56232.4	17.58	56263.02	56264.59375	56287.60593	56285.23828	504570.8	5410402.1
L4570.0	504570.8	5410402.1	31358.00000	327.14	0	48.846573	-86.937700	56245.27	56232.4	17.57	56262.84	56264.41797	56298.07348	56295.67969	504570.8	5410402.1
L4570.0	504570.8	5410400.7	31358.09961	326.41	0	48.846560	-86.937700	56245.04	56232.4	17.57	56262.60	56264.18359	56307.14163	56304.72266	504570.8	5410400.7
L4570.0	504570.8	5410398.9	31358.19922	326.89	0	48.846544	-86.937700	56244.41	56232.4	17.57	56261.97	56263.56250	56306.63475	56304.18750	504570.8	5410398.9
L4570.0	504570.7	5410397.5	31358.30078	327.79	0	48.846531	-86.937700	56243.13	56232.4	17.56	56260.69	56262.28516	56290.14005	56287.66797	504570.7	5410397.5
L4570.0	504570.7	5410397.5	31358.40039	328.36	0	48.846531	-86.937700	56242.70	56232.4	17.56	56260.26	56261.86328	56294.86024	56292.36328	504570.7	5410397.5
L4570.0	504570.7	5410396.1	31358.50000	324.91	0	48.846518	-86.937700	56241.92	56232.4	17.56	56259.48	56261.08984	56291.03717	56288.51563	504570.7	5410396.1
L4570.0	504570.7	5410394.4	31358.59961	324.12	0	48.846503	-86.937700	56241.73	56232.4	17.56	56259.29	56260.90625	56301.97161	56299.42578	504570.7	5410394.4
L4570.0	504570.7	5410394.4	31358.69922	325.87	0	48.846503	-86.937700	56240.77	56232.4	17.56	56258.33	56259.95313	56293.95697	56291.38672	504570.7	5410394.4
L4570.0	504570.7	5410393.0	31358.80078	327.42	0	48.846491	-86.937700	56240.63	56232.4	17.55	56258.18	56259.80859	56306.17978	56303.58594	504570.7	5410393.0
L4570.0	504570.7	5410391.6	31358.90039	326.81	0	48.846478	-86.937700	56239.66	56232.4	17.55	56257.21	56258.84375	56298.18368	56295.56641	504570.7	5410391.6
L4570.0	504570.7	5410389.9	31359.00000	326.25	0	48.846463	-86.937700	56238.62	56232.4	17.55	56256.17	56257.81250	56288.55328	56285.91406	504570.7	5410389.9

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4570.0	504570.7	5410389.9	31359.09961	326.27	0	48.846463	-86.937700	56238.09	56232.4	17.55	56255.65	56257.29688	56293.94468	56291.28125	504570.7	5410389.9
L4570.0	504570.7	5410388.3	31359.19922	326.12	0	48.846449	-86.937700	56236.98	56232.4	17.56	56254.53	56256.18359	56285.12475	56282.43750	504570.7	5410388.3
L4570.0	504570.7	5410388.3	31359.30078	326.86	0	48.846449	-86.937700	56237.11	56232.4	17.56	56254.66	56256.32422	56300.05045	56297.33984	504570.7	5410388.3
L4570.0	504570.7	5410387.2	31359.40039	326.90	0	48.846439	-86.937700	56235.90	56232.4	17.56	56253.46	56255.12891	56289.87234	56287.14063	504570.7	5410387.2
L4570.0	504570.8	5410385.6	31359.50000	327.64	0	48.846425	-86.937700	56235.40	56232.4	17.57	56252.96	56254.63672	56293.07746	56290.32422	504570.8	5410385.6
L4570.0	504570.8	5410384.2	31359.59961	326.54	0	48.846411	-86.937700	56234.27	56232.4	17.57	56251.84	56253.52344	56284.53840	56281.76563	504570.8	5410384.2
L4570.0	504570.8	5410384.2	31359.69922	328.43	0	48.846411	-86.937700	56234.32	56232.4	17.57	56251.89	56253.58203	56298.48818	56295.69531	504570.8	5410384.2
L4570.0	504570.7	5410382.3	31359.80078	329.50	0	48.846395	-86.937700	56233.86	56232.4	17.57	56251.44	56253.14063	56302.98497	56300.17188	504570.7	5410382.3
L4570.0	504570.7	5410381.2	31359.80078	329.50	0	48.846385	-86.937700	56233.09	56232.4	17.57	56250.66	56252.37109	56301.21520	56298.38281	504570.7	5410381.2
L4570.0	504570.7	5410379.4	31360.00000	330.40	0	48.846368	-86.937701	56231.97	56232.4	17.58	56249.55	56251.26953	56293.12176	56290.27344	504570.7	5410379.4
L4570.0	504570.7	5410379.4	31360.09961	330.08	0	48.846368	-86.937701	56230.47	56232.4	17.58	56248.05	56249.77734	56277.49773	56274.62891	504570.7	5410379.4
L4570.0	504570.7	5410377.5	31360.19922	328.53	0	48.846351	-86.937701	56229.75	56232.4	17.58	56247.32	56249.05469	56276.84747	56273.96094	504570.7	5410377.5
L4570.0	504570.7	5410376.1	31360.30078	329.19	0	48.846338	-86.937701	56229.09	56232.4	17.58	56246.66	56248.40625	56277.62858	56274.72656	504570.7	5410376.1
L4570.0	504570.7	5410376.1	31360.40039	329.94	0	48.846338	-86.937701	56229.15	56232.4	17.58	56246.72	56248.47266	56292.48772	56289.57031	504570.7	5410376.1
L4570.0	504570.7	5410374.2	31360.50000	329.49	0	48.846322	-86.937701	56228.32	56232.4	17.57	56245.90	56247.66406	56290.29135	56287.35938	504570.7	5410374.2
L4570.0	504570.7	5410372.9	31360.59961	327.87	0	48.846310	-86.937702	56228.29	56232.4	17.57	56245.86	56247.63281	56303.31653	56300.37109	504570.7	5410372.9
L4570.0	504570.7	5410372.9	31360.69922	327.28	0	48.846310	-86.937702	56227.36	56232.4	17.57	56244.93	56246.71484	56299.08535	56296.12891	504570.7	5410372.9
L4570.0	504570.6	5410371.2	31360.80078	326.72	0	48.846295	-86.937702	56226.05	56232.4	17.57	56243.62	56245.41406	56287.55625	56284.58594	504570.6	5410371.2
L4570.0	504570.6	5410369.6	31360.90039	328.07	0	48.846280	-86.937702	56224.81	56232.4	17.57	56242.38	56244.18359	56277.48936	56274.50781	504570.6	5410369.6
L4570.0	504570.6	5410368.2	31361.00000	327.57	0	48.846268	-86.937703	56223.22	56232.4	17.57	56240.79	56242.60547	56260.79778	56257.80469	504570.6	5410368.2
L4570.0	504570.6	5410368.2	31361.09961	327.41	0	48.846268	-86.937703	56222.98	56232.4	17.57	56240.55	56242.37500	56270.21134	56267.21094	504570.6	5410368.2
L4570.0	504570.5	5410366.2	31361.19922	330.05	0	48.846250	-86.937703	56222.12	56232.4	17.57	56239.68	56241.51563	56267.57816	56264.57031	504570.5	5410366.2
L4570.0	504570.5	5410364.8	31361.30078	328.23	0	48.846238	-86.937704	56222.05	56232.4	17.56	56239.61	56241.45703	56280.29750	56277.28125	504570.5	5410364.8
L4570.0	504570.5	5410362.9	31361.40039	327.17	0	48.846220	-86.937704	56220.66	56232.4	17.56	56238.23	56240.08984	56268.11044	56265.08594	504570.5	5410362.9
L4570.0	504570.5	5410362.9	31361.50000	326.41	0	48.846220	-86.937704	56220.44	56232.4	17.56	56238.00	56239.87109	56277.86798	56274.83984	504570.5	5410362.9
L4570.0	504570.5	5410361.8	31361.59961	326.82	0	48.846210	-86.937705	56218.76	56232.4	17.56	56236.32	56238.20703	56260.27507	56257.24219	504570.5	5410361.8
L4570.0	504570.4	5410360.6	31361.69922	327.07	0	48.846199	-86.937705	56218.64	56232.4	17.56	56236.20	56238.09766	56271.75495	56268.71875	504570.4	5410360.6
L4570.0	504570.4	5410360.6	31361.80078	327.02	0	48.846199	-86.937705	56217.77	56232.4	17.55	56235.32	56237.23047	56269.03439	56265.99609	504570.4	5410360.6
L4570.0	504570.4	5410358.6	31361.80078	327.02	0	48.846182	-86.937705	56217.09	56232.4	17.55	56234.65	56236.57422	56271.62860	56268.58984	504570.4	5410358.6
L4570.0	504570.4	5410357.1	31362.00000	327.93	0	48.846168	-86.937706	56216.24	56232.4	17.55	56233.79	56235.72656	56269.61662	56266.57813	504570.4	5410357.1
L4570.0	504570.4	5410357.1	31362.09961	329.25	0	48.846168	-86.937706	56215.12	56232.4	17.55	56232.67	56234.62109	56261.32102	56258.28516	504570.4	5410357.1
L4570.0	504570.4	5410355.7	31362.19922	327.53	0	48.846155	-86.937706	56214.77	56232.4	17.55	56232.32	56234.28516	56272.04635	56269.01172	504570.4	5410355.7
L4570.0	504570.3	5410353.9	31362.30078	327.52	0	48.846139	-86.937706	56213.36	56232.4	17.56	56230.92	56232.90234	56257.15047	56254.12109	504570.3	5410353.9
L4570.0	504570.3	5410352.6	31362.40039	326.47	0	48.846128	-86.937706	56213.22	56232.4	17.56	56230.78	56232.77734	56273.12088	56270.09766	504570.3	5410352.6
L4570.0	504570.3	5410352.6	31362.50000	326.12	0	48.846128	-86.937706	56211.50	56232.4	17.56	56229.06	56231.07031	56250.75673	56247.74219	504570.3	5410352.6
L4570.0	504570.3	5410351.0	31362.59961	324.61	0	48.846113	-86.937707	56211.33	56232.4	17.56	56228.89	56230.91797	56266.10829	56263.10156	504570.3	5410351.0
L4570.0	504570.3	5410349.6	31362.69922	326.22	0	48.846101	-86.937707	56209.99	56232.4	17.56	56227.56	56229.60547	56253.51522	56250.51563	504570.3	5410349.6
L4570.0	504570.3	5410349.6	31362.80078	328.19	0	48.846101	-86.937707	56209.40	56232.4	17.57	56226.96	56229.01953	56258.62839	56255.64063	504570.3	5410349.6
L4570.0	504570.3	5410348.3	31362.90039	326.47	0	48.846089	-86.937707	56208.37	56232.4	17.57	56225.93	56228.00781	56253.52942	56250.55469	504570.3	5410348.3
L4570.0	504570.3	5410346.9	31363.00000	323.43	0	48.846076	-86.937707	56207.74	56232.4	17.57	56225.31	56227.40625	56258.34506	56255.38281	504570.3	5410346.9
L4570.0	504570.3	5410346.9	31363.09961	323.44	0	48.846076	-86.937707	56207.07	56232.4	17.57	56224.64	56226.75391	56262.06113	56259.11328	504570.3	5410346.9
L4570.0	504570.3	5410344.9	31363.19922	324.89	0	48.846058	-86.937707	56206.17	56232.4	17.57	56223.74	56225.87109	56260.43273	56257.50000	504570.3	5410344.9
L4570.0	504570.3	5410343.0	31363.30078	326.09	0	48.846041	-86.937707	56205.71	56232.4	17.56	56223.28	56225.42969	56269.35373	56266.44141	504570.3	5410343.0
L4570.0	504570.3	5410343.0	31363.40039	326.71	0	48.846041	-86.937707	56204.02	56232.4	17.56	56221.58	56223.75000	56249.10203	56246.20703	504570.3	5410343.0
L4570.0	504570.3	5410340.3	31363.50000	326.46	0	48.846017	-86.937707	56203.46	56232.4	17.56	56221.02	56223.20703	56255.95783	56253.08594	504570.3	5410340.3
L4570.0	504570.3	5410340.3	31363.59961	326.55	0	48.846017	-86.937707	56202.07	56232.4	17.56	56219.62	56221.82813	56243.11120	56240.26172	504570.3	5410340.3
L4570.0	504570.3	5410338.9	31363.69922	324.78	0	48.846004	-86.937707	56201.86	56232.4	17.56	56219.42	56221.64844	56258.84465	56256.01563	504570.3	5410338.9
L4570.0	504570.3	5410338.9	31363.80078	324.30	0	48.846004	-86.937707	56200.76	56232.4	17.55	56218.31	56220.55859	56253.19908	56250.39844	504570.3	5410338.9
L4570.0	504570.3	5410337.0	31363.80078	324.30	0	48.845987	-86.937707	56200.05	56232.4	17.55	56217.60	56219.87109	56257.26898	56254.49219	504570.3	5410337.0
L4570.0	504570.4	5410335.4	31364.00000	326.79	0	48.845972	-86.937706	56198.76	56232.4	17.55	56216.31	56218.60156	56247.58999	56244.84375	504570.4	5410335.4
L4570.0	504570.4	5410334.2	31364.09961	326.19	0	48.845962	-86.937706	56197.81	56232.5	17.55	56215.36	56217.67578	56246.21346	56243.49609	504570.4	5410334.2
L4570.0	504570.4	5410334.2	31364.19922	323.95	0	48.845962	-86.937706	56196.63	56232.5	17.55	56214.18	56216.51563	56239.35165	56236.66797	504570.4	5410334.2
L4570.0	504570.4	5410332.7	31364.30078	325.43	0	48.845948	-86.937706	56195.78	56232.5	17.55	56213.32	56215.67969	56240.45633	56237.80469	504570.4	5410332.7
L4570.0	504570.4	5410331.0	31364.40039	325.51	0	48.845933	-86.937705	56195.57	56232.5	17.55	56213.12	56215.50391	56258.23456	56255.61719	504570.4	5410331.0
L4570.0	504570.4	5410329.8	31364.50000	324.42	0	48.845922	-86.937705	56194.86	56232.5	17.54	56212.41	56214.81641	56261.49548	56258.91406	504570.4	5410329.8
L4570.0	504570.4	5410329.8	31364.59961	325.03	0	48.845922	-86.937705	56193.77	56232.5	17.54	56211.31	56213.74219	56258.21221	56255.66797	504570.4	5410329.8
L4570.0	504570.5	5410327.9	31364.69922	326.86	0	48.845905	-86.937705	56192.17	56232.5	17.54	56209.72	56212.17578	56245.48092	56242.97656	504570.5	5410327.9
L4570.0	504570.5	5410326.5	31364.80078	328.90	0	48.845893	-86.937705	56191.45	56232.5	17.54	56208.99	56211.47266	56249.44698	56246.98438	504570.5	5410326.5
L4570.0	504570.5	5410326.5	31364.90039	330.49	0	48.845893	-86.937705	56190.29	56232.5	17.54	56207.83	56210.33984	56245.10833	56242.68750	504570.5	5410326.5
L4570.0	504570.5	5410325.1	31365.00000	331.48	0	48.845880	-86.937704	56189.74	56232.5	17.54	56207.28	56209.81641	56252.89868	56250.52344	504570.5	5410325.1
L4570.0	504570.5	5410323.0	31365.09961	330.90	0	48.845861	-86.937704	56188.71	56232.5	17.54	56206.25	56208.81250	56251.30295	56248.97266	504570.5	5410323.0
L4570.0	504570.5	5410321.6	31365.19922	333.42	0	48.845849	-86.937704	56187.76	56232.5	17.54	56205.30	56207.89063	56251.38015	56249.09766	504570.5	5410321.6
L4570.0	504570.5	5410321.6	31365.30078	333.09	0	48.845849	-86.937704	56186.26	56232.5	17.53	56203.80	56206.41797	56240.49633	56238.26172	504570.5	5410321.6
L4570.0	504570.5	5410319.7	31365.40039	332.53	0	48.845831	-86.937704	56185.61	56232.5	17.53	56203.14	56205.78516	56246.56367	56244.38281	504570.5	5410319.7
L4570.0	504570.5	5410319.7	31365.50000	331.43	0	48.845831	-86.937704	56184.71	56232.5	17.53	56202.24	56204.91797	56247.90599	56245.77734	504570.5	5410319.7
L4570.0	504570.5	5410318.5	31365.59961	329.25	0	48.845821	-86.937704	56183.48	56232.5	17.53	56201.00	56203.70703	56242.48333	56240.41016	504570.5	5410318.5
L4570.0	504570.5	5410316.8	31365.69922	330.28	0	48.845805	-86.937704	56182.39	56232.5	17.53	56199.91	56202.64453	56240.18094	56238.16406	504570.5	5410316.8
L4570.0	504570.5	5410315.8	31365.80078	330.58	0	48.845796	-86.937704	56181.08	56232.5	17.52	56198.60	56201.36719	56233.56045	56231.60156	504570.5	5410315.8
L4570.0	504570.5	5410314.6	31365.80078	330.58	0	48.845786	-86.937704	56180.36	56232.5	17.52	56197.88	56200.67969	56238.90376	56237.00391	504570.5	5410314.6
L4570.0	504570.5	5410313.2	31366.00000	326.35	0	48.845773	-86.937704	56179.19	56232.5	17.52	56196.71	56199.53906	56235.33580	56233.50000	504570.5	5410313.2
L4570.0	504570.5	5410312.0	31366.09961	325.95	0	48.845762	-86.937704	56178.38	56232.5	17.52	56195.89	56198.75391	56238.87417	56237.10156	504570.5	5410312.0
L4570.0	504570.5	5410312.0	31366.19922	327.78	0	48.845762	-86.937704	56176.70	56232.5	17.52	56194.21	56197.10547	56225.49531	56223.78906	504570.5	5410312.0
L4570.0	504570.5	5410310.3	31366.30078	327.80	0	48.845747	-86.937705	56175.68	56232.5	17.51	56193.20	56196.12891	56225.56517	56223.92188	504570.5	5410310.3
L4570.0	504570.5	5410308.7	31366.40039	326.71	0	48.845733	-86.937705	56174.58	56232.5	17.51	56192.09	56195.05078	56223.82076	56222.24609	504570.5	5410308.7
L4570.0	504570.5	5410308.7	31366.50000	328.51	0	48.845733	-86.937705	56173.82	56232.5	17.51	56191.33	56194.32813	56229.05707	56227.55469	504570.5	5410308.7
L4570.0	504570.5	5410307.4	31366.59961	326.91	0	48.845720	-86.937705	56172.78	56232.5	17.51	56190.29	56193.32031	56228.98135	56227.55078	504570.5	5410307.4
L4570.0	504570.4	5410306.2	31366.69922	326.40	0	48.845710	-86.937705	56171.62	56232.5	17.51	56189.13	56192.19531	56226.76891	56225.41406	504570.4	5410306.2
L4570.0	504570.4	5410304.3	31366.80078	327.01	0	48.845693	-86.937706	56171.23	56232.5	17.50	56188.74	56191.84375	56239.54652	56238.26563	504570.4	5410304.3
L4570.0	504570.4	5410304.3	31366.90039	326.77	0	48.845693	-86.937706	56169.80	56232.5	17.50	56187.30	56190.43750	56232.34528	56231.14063	504570.4	5410304.3
L4570.0	504570.4	5410302.7	31367.00000	327.06	0	48.845679	-86.937706	56168.80	56232.5	17.50	56186.30	56189.47656	56233.78303	56232.65625	504570.4	5410302.7
L4570.0	504570.4	5410300.6	31367.09961	328.33	0	48.845660	-86.937706	56166.94	56232.5	17.50	56184.44	56187.65234	56219.02193	56217.97656	504570.4	5410300.6
L4570.0	504570.4	5410300.6	31367.19922	328.66	0	48.845660	-86.937706	56166.25	56232.5	17.50	56183.76	56187.01172	56226.95885	56225.99609	504570.4	5410300.6
L4570.0	504570.4	5410299.5	31367.30078	329.40	0	48.845649	-86.937706	56164.43	56232.5	17.50	56181.93	56185.21875	56213.20433	56212.32813	504570.4	5410299.5
L4570.0	504570.4	5410299.5	31367.40039	327.57	0	48.845649	-86.937706	56163.73	56232.5	17.50	56181.23	56184.55859	56221.13364	56220.33984	504570.4	5410299.5
L4570.0	504570.4	5410297.5	31367.50000	327.32	0	48.845632	-86.937707	56162.13	56232.5	17.50	56179.63	56182.99609	56212.15725	56211.45313	504570.4	5410297.5
L4570.0	504570.3	5410296.1	31367.59961	327.33	0	48.845620	-86.937707	56161.27	56232.5	17.51	56178.78	56182.18750	56217.61547	56217.00000	504570.3	5410296.1
L4570.0	504570.3	5410294.7	31367.69922	327.99	0	48.845607	-86.937707	56160.03	56232.5	17.51	56177.54	56180.98828	56215.86590	56215.33984	504570.3	5410294.7
L4570.0	504570.3	5410294.7	31367.80078	330.45	0	48.845607	-86.937707	56159.22	56232.5	17.51	56176.73	56180.21875	56222.46361	56222.02734	504570.3	5410294.7
L4570.0	504570.3	5410293.3	31367.80078	330.45	0	48.845594	-86.937707	56157.78	56232.5	17.51	56175.29	56178.82031	56217.31407	56216.97266	504570.3	5410293.3
L4570.0	504570.3	5410291.5	31368.00000	331.57	0	48.845578	-86.937708	56156.31	56232.5	17.51	56173.82	56177.39063	56211.80028	56211.55469	504570.3	5410291.5
L4570.0	504570.3	5410290.3	31368.09961	329.51	0	48.845567	-86.937708	56155.10	56232.5	17.51	56172.61	56176.22266	56211.41156	56211.26172	504570.3	5410290.3
L4570.0	504570.3	5410290.3	31368.19922	327.87	0	48.845567	-86.937708	56153.56	56232.5	17.51	56171.06	56174.71484	56204.80120	56204.75000	504570.3	5410290.3
L4570.0	504570.3	5410288.7	31368.30078	328.64	0	48.845553	-86.937708	56152.93	56232.5	17.51	56170.43	56174.12891	56215.78663	56215.83203	504570.3	5410288.7

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4570.0	504570.3	5410287.0	31368.40039	326.77	0	48.845537	-86.937708	56151.38	56232.5	17.51	56168.89	56172.62891	56209.79464	56209.94141	504570.3	5410287.0
L4570.0	504570.3	5410285.6	31368.50000	327.51	0	48.845525	-86.937708	56150.41	56232.5	17.51	56167.92	56171.70313	56214.77969	56215.02734	504570.3	5410285.6
L4570.0	504570.3	5410285.6	31368.59961	324.86	0	48.845525	-86.937708	56148.60	56232.5	17.50	56166.10	56169.92578	56200.27282	56200.62500	504570.3	5410285.6
L4570.0	504570.3	5410284.2	31368.69922	326.74	0	48.845512	-86.937708	56147.21	56232.5	17.50	56164.71	56168.58203	56197.29076	56197.75000	504570.3	5410284.2
L4570.0	504570.3	5410283.0	31368.80078	327.58	0	48.845501	-86.937708	56145.66	56232.5	17.50	56163.17	56167.08594	56190.86926	56191.43359	504570.3	5410283.0
L4570.0	504570.2	5410281.9	31368.90039	325.99	0	48.845491	-86.937708	56144.24	56232.5	17.50	56161.74	56165.69922	56187.49983	56188.16797	504570.2	5410281.9
L4570.0	504570.2	5410281.9	31369.00000	325.31	0	48.845491	-86.937708	56142.93	56232.5	17.50	56160.43	56164.43359	56187.43384	56188.21094	504570.2	5410281.9
L4570.0	504570.2	5410279.6	31369.09961	325.61	0	48.845471	-86.937709	56141.85	56232.5	17.50	56159.35	56163.39844	56193.42206	56194.31250	504570.2	5410279.6
L4570.0	504570.2	5410278.6	31369.19922	327.85	0	48.845461	-86.937709	56140.72	56232.5	17.50	56158.22	56162.31641	56198.48263	56199.48438	504570.2	5410278.6
L4570.0	504570.2	5410277.0	31369.30078	328.21	0	48.845448	-86.937710	56138.89	56232.5	17.50	56156.39	56160.53125	56186.39393	56187.50391	504570.2	5410277.0
L4570.0	504570.2	5410277.0	31369.40039	327.67	0	48.845448	-86.937710	56137.77	56232.5	17.50	56155.27	56159.45703	56192.35062	56193.57422	504570.2	5410277.0
L4570.0	504570.1	5410275.5	31369.50000	327.17	0	48.845434	-86.937710	56136.13	56232.5	17.50	56153.63	56157.86328	56190.63625	56191.97656	504570.1	5410275.5
L4570.0	504570.1	5410273.9	31369.59961	328.89	0	48.845419	-86.937710	56135.37	56232.5	17.50	56152.87	56157.14844	56202.13509	56203.58984	504570.1	5410273.9
L4570.0	504570.1	5410272.7	31369.69922	330.23	0	48.845409	-86.937711	56133.90	56232.5	17.50	56151.40	56155.72266	56200.47371	56202.04297	504570.1	5410272.7
L4570.0	504570.1	5410271.5	31369.80078	329.19	0	48.845398	-86.937711	56132.33	56232.5	17.50	56149.83	56154.19922	56197.15670	56198.84375	504570.1	5410271.5
L4570.0	504570.1	5410271.5	31369.80078	329.19	0	48.845398	-86.937711	56130.52	56232.5	17.50	56148.02	56152.43750	56185.81761	56187.62109	504570.1	5410271.5
L4570.0	504570.0	5410270.0	31369.90039	327.13	0	48.845384	-86.937711	56129.15	56232.5	17.50	56146.65	56151.11328	56187.48117	56189.40625	504570.0	5410270.0
L4570.0	504570.0	5410268.6	31370.00000	325.84	0	48.845371	-86.937712	56127.52	56232.5	17.50	56145.02	56149.52734	56182.98315	56185.02734	504570.0	5410268.6
L4570.0	504570.0	5410268.6	31370.19922	326.77	0	48.845371	-86.937712	56126.11	56232.5	17.49	56143.60	56148.15625	56184.04139	56186.20703	504570.0	5410268.6
L4570.0	504570.0	5410266.7	31370.30078	328.73	0	48.845354	-86.937712	56124.79	56232.5	17.48	56142.28	56146.87891	56187.89340	56190.17969	504570.0	5410266.7
L4570.0	504569.9	5410264.7	31370.40039	329.58	0	48.845336	-86.937713	56122.97	56232.5	17.48	56140.45	56145.09766	56179.42098	56181.82813	504569.9	5410264.7
L4570.0	504569.9	5410264.7	31370.50000	328.01	0	48.845336	-86.937713	56121.48	56232.5	17.47	56138.95	56143.64063	56179.45504	56181.98047	504569.9	5410264.7
L4570.0	504569.9	5410263.3	31370.59961	327.15	0	48.845324	-86.937713	56119.51	56232.5	17.46	56136.97	56141.70703	56168.01391	56170.66406	504569.9	5410263.3
L4570.0	504569.9	5410262.1	31370.69922	325.56	0	48.845313	-86.937713	56117.98	56232.5	17.46	56135.44	56140.22266	56168.00159	56170.77344	504569.9	5410262.1
L4570.0	504569.9	5410260.3	31370.80078	325.84	0	48.845297	-86.937714	56116.33	56232.5	17.45	56133.78	56138.60938	56165.15113	56168.04688	504569.9	5410260.3
L4570.0	504569.9	5410260.3	31370.90039	326.94	0	48.845297	-86.937714	56114.75	56232.6	17.45	56132.20	56137.07422	56164.60317	56167.62109	504569.9	5410260.3
L4570.0	504569.9	5410259.3	31371.00000	327.30	0	48.845288	-86.937714	56113.03	56232.6	17.44	56130.47	56135.38672	56160.76847	56163.91016	504569.9	5410259.3
L4570.0	504569.9	5410259.3	31371.09961	326.73	0	48.845288	-86.937714	56111.29	56232.6	17.44	56128.73	56133.69141	56157.06395	56160.32813	504569.9	5410259.3
L4570.0	504569.8	5410256.2	31371.19922	326.45	0	48.845260	-86.937714	56109.92	56232.6	17.44	56127.36	56132.36719	56162.64810	56166.03516	504569.8	5410256.2
L4570.0	504569.8	5410256.2	31371.30078	327.82	0	48.845260	-86.937714	56108.23	56232.6	17.44	56125.67	56130.71875	56160.87351	56164.38672	504569.8	5410256.2
L4570.0	504569.8	5410254.9	31371.40039	324.89	0	48.845248	-86.937715	56106.54	56232.6	17.44	56123.98	56129.07422	56159.47147	56163.10547	504569.8	5410254.9
L4570.0	504569.8	5410253.2	31371.50000	322.89	0	48.845233	-86.937715	56104.66	56232.6	17.44	56122.11	56127.24609	56154.11325	56157.87109	504569.8	5410253.2
L4570.0	504569.8	5410251.8	31371.59961	324.01	0	48.845221	-86.937715	56102.79	56232.6	17.45	56120.23	56125.40625	56148.87933	56152.76172	504569.8	5410251.8
L4570.0	504569.7	5410250.5	31371.69922	324.62	0	48.845209	-86.937716	56101.02	56232.6	17.45	56118.47	56123.68750	56146.89292	56150.89844	504569.7	5410250.5
L4570.0	504569.7	5410250.5	31371.80078	323.89	0	48.845209	-86.937716	56099.12	56232.6	17.45	56116.57	56121.82813	56141.88579	56146.01172	504569.7	5410250.5
L4570.0	504569.7	5410249.0	31371.80078	323.89	0	48.845196	-86.937716	56097.48	56232.6	17.45	56114.92	56120.21875	56143.27495	56147.52344	504569.7	5410249.0
L4570.0	504569.7	5410247.0	31372.00000	325.86	0	48.845178	-86.937717	56095.63	56232.6	17.45	56113.08	56118.41797	56140.42337	56144.79297	504569.7	5410247.0
L4570.0	504569.7	5410247.0	31372.09961	325.84	0	48.845178	-86.937717	56093.69	56232.6	17.45	56111.13	56116.50781	56135.23670	56139.72656	504569.7	5410247.0
L4570.0	504569.6	5410245.8	31372.19922	325.09	0	48.845167	-86.937717	56091.98	56232.6	17.44	56109.43	56114.84375	56136.49306	56141.10156	504569.6	5410245.8
L4570.0	504569.6	5410244.1	31372.30078	326.44	0	48.845151	-86.937717	56090.29	56232.6	17.44	56107.73	56113.18359	56138.12284	56142.85156	504569.6	5410244.1
L4570.0	504569.6	5410244.1	31372.40039	327.25	0	48.845151	-86.937717	56088.37	56232.6	17.43	56105.81	56111.29688	56134.70171	56139.54688	504569.6	5410244.1
L4570.0	504569.6	5410242.1	31372.50000	327.71	0	48.845133	-86.937718	56086.63	56232.6	17.43	56104.06	56109.58203	56135.82240	56140.78516	504569.6	5410242.1
L4570.0	504569.5	5410240.6	31372.59961	328.93	0	48.845119	-86.937718	56084.65	56232.6	17.43	56102.07	56107.62891	56131.33970	56136.41797	504569.5	5410240.6
L4570.0	504569.5	5410240.6	31372.69922	329.13	0	48.845119	-86.937718	56082.63	56232.6	17.42	56100.05	56105.64063	56126.42461	56131.61719	504569.5	5410240.6
L4570.0	504569.5	5410238.9	31372.80078	329.55	0	48.845104	-86.937719	56080.18	56232.6	17.42	56097.59	56103.21094	56118.65982	56123.96484	504569.5	5410238.9
L4570.0	504569.5	5410237.4	31372.90039	328.49	0	48.845091	-86.937719	56078.61	56232.6	17.41	56096.02	56101.67188	56123.31945	56128.73438	504569.5	5410237.4
L4570.0	504569.5	5410237.4	31373.00000	328.92	0	48.845091	-86.937719	56076.87	56232.6	17.41	56094.28	56099.96094	56125.01828	56130.54688	504569.5	5410237.4
L4570.0	504569.5	5410235.5	31373.09961	328.00	0	48.845074	-86.937720	56074.86	56232.6	17.41	56092.27	56097.98047	56121.81777	56127.45313	504569.5	5410235.5
L4570.0	504569.5	5410235.5	31373.19922	327.87	0	48.845074	-86.937720	56072.98	56232.6	17.41	56090.39	56096.12891	56121.32379	56127.06641	504569.5	5410235.5
L4570.0	504569.5	5410234.2	31373.30078	327.62	0	48.845063	-86.937720	56070.34	56232.6	17.40	56087.74	56093.50391	56106.33825	56112.18750	504569.5	5410234.2
L4570.0	504569.4	5410232.6	31373.40039	328.21	0	48.845048	-86.937720	56068.36	56232.6	17.40	56085.76	56091.54688	56104.37676	56110.32813	504569.4	5410232.6
L4570.0	504569.4	5410232.6	31373.50000	328.69	0	48.845048	-86.937720	56066.06	56232.6	17.40	56083.46	56089.26953	56096.52129	56102.57422	504569.4	5410232.6
L4570.0	504569.4	5410230.8	31373.59961	326.66	0	48.845032	-86.937720	56064.44	56232.6	17.40	56081.84	56087.67188	56101.90004	56108.05078	504569.4	5410230.8
L4570.0	504569.4	5410229.1	31373.69922	326.93	0	48.845017	-86.937720	56062.21	56232.6	17.40	56079.61	56085.46094	56095.83937	56102.08594	504569.4	5410229.1
L4570.0	504569.4	5410227.3	31373.80078	326.92	0	48.845000	-86.937720	56060.68	56232.6	17.39	56078.07	56083.93750	56103.18122	56109.52344	504569.4	5410227.3
L4570.0	504569.4	5410227.3	31373.80078	326.92	0	48.845000	-86.937720	56058.37	56232.6	17.39	56075.76	56081.64453	56096.04388	56102.47656	504569.4	5410227.3
L4570.0	504569.4	5410226.0	31374.00000	328.69	0	48.844988	-86.937720	56056.40	56232.6	17.39	56073.79	56079.68750	56095.61545	56102.14063	504569.4	5410226.0
L4570.0	504569.4	5410224.6	31374.09961	329.78	0	48.844976	-86.937720	56054.30	56232.6	17.39	56071.68	56077.58984	56092.74149	56099.35156	504569.4	5410224.6
L4570.0	504569.4	5410224.6	31374.19922	328.38	0	48.844976	-86.937720	56051.94	56232.6	17.39	56069.32	56075.24219	56085.33443	56092.02734	504569.4	5410224.6
L4570.0	504569.4	5410222.3	31374.30078	327.12	0	48.844956	-86.937720	56050.61	56232.6	17.38	56067.99	56073.92188	56097.73135	56104.50781	504569.4	5410222.3
L4570.0	504569.4	5410220.9	31374.40039	326.10	0	48.844943	-86.937720	56048.84	56232.6	17.38	56066.22	56072.15625	56101.98167	56108.83594	504569.4	5410220.9
L4570.0	504569.4	5410219.3	31374.50000	326.00	0	48.844928	-86.937720	56047.04	56232.6	17.38	56064.42	56070.36328	56105.88683	56112.81641	504569.4	5410219.3
L4570.0	504569.4	5410219.3	31374.59961	327.60	0	48.844928	-86.937720	56043.98	56232.6	17.38	56061.36	56067.30469	56086.00721	56093.00781	504569.4	5410219.3
L4570.0	504569.4	5410217.6	31374.69922	328.65	0	48.844913	-86.937720	56041.37	56232.6	17.38	56058.75	56064.69531	56074.86762	56081.93750	504569.4	5410217.6
L4570.0	504569.4	5410216.4	31374.80078	327.59	0	48.844902	-86.937720	56038.79	56232.6	17.37	56056.17	56062.11328	56064.46052	56071.59766	504569.4	5410216.4
L4570.0	504569.4	5410216.4	31374.90039	327.39	0	48.844902	-86.937720	56036.92	56232.6	17.37	56054.29	56060.23047	56067.62291	56074.82031	504569.4	5410216.4
L4570.0	504569.4	5410214.7	31375.00000	327.73	0	48.844887	-86.937720	56035.10	56232.6	17.37	56052.47	56058.40234	56072.14384	56079.39844	504569.4	5410214.7
L4570.0	504569.4	5410214.7	31375.09961	326.85	0	48.844887	-86.937720	56032.79	56232.6	17.37	56050.16	56056.08594	56067.42443	56074.73438	504569.4	5410214.7
L4570.0	504569.4	5410213.0	31375.19922	325.38	0	48.844872	-86.937721	56030.72	56232.6	17.37	56048.09	56054.00391	56067.49033	56074.85156	504569.4	5410213.0
L4570.0	504569.4	5410211.8	31375.30078	324.88	0	48.844861	-86.937721	56027.84	56232.6	17.36	56045.21	56051.10938	56052.02885	56059.43750	504569.4	5410211.8
L4570.0	504569.3	5410210.2	31375.40039	324.34	0	48.844846	-86.937721	56025.59	56232.6	17.36	56042.95	56048.83203	56048.69020	56056.14063	504569.3	5410210.2
L4570.0	504569.3	5410210.2	31375.50000	327.76	0	48.844846	-86.937721	56022.73	56232.6	17.36	56040.09	56045.95703	56033.83695	56041.32813	504569.3	5410210.2
L4570.0	504569.3	5410208.3	31375.59961	328.65	0	48.844830	-86.937722	56020.78	56232.6	17.36	56038.14	56043.98438	56036.78222	56044.30469	504569.3	5410208.3
L4570.0	504569.3	5410206.9	31375.69922	328.78	0	48.844817	-86.937722	56018.41	56232.6	17.36	56035.76	56041.57813	56031.51218	56039.06641	504569.3	5410206.9
L4570.0	504569.3	5410206.9	31375.80078	329.36	0	48.844817	-86.937722	56016.58	56232.6	17.35	56033.94	56039.73438	56037.20341	56044.78125	504569.3	5410206.9
L4570.0	504569.3	5410205.3	31375.80078	329.36	0	48.844803	-86.937722	56013.80	56232.6	17.35	56031.15	56036.91406	56024.27467	56031.87500	504569.3	5410205.3
L4570.0	504569.3	5410204.1	31376.00000	330.60	0	48.844792	-86.937722	56011.95	56232.7	17.35	56029.30	56035.03125	56029.54802	56037.16406	504569.3	5410204.1
L4570.0	504569.3	5410204.1	31376.09961	329.67	0	48.844792	-86.937722	56009.50	56232.7	17.35	56026.85	56032.54688	56023.41602	56031.04688	504569.3	5410204.1
L4570.0	504569.3	5410202.2	31376.19922	329.69	0	48.844774	-86.937722	56007.25	56232.7	17.34	56024.59	56030.24609	56018.80974	56026.44531	504569.3	5410202.2
L4570.0	504569.3	5410200.6	31376.30078	329.98	0	48.844760	-86.937722	56004.77	56232.7	17.33	56022.11	56027.72656	56011.65364	56019.29297	504569.3	5410200.6
L4570.0	504569.3	5410198.9	31376.40039	328.93	0	48.844745	-86.937722	56002.14	56232.7	17.33	56019.47	56025.04297	56000.78245	56008.41797	504569.3	5410198.9
L4570.0	504569.3	5410198.9	31376.50000	329.46	0	48.844745	-86.937722	56000.14	56232.7	17.32	56017.47	56022.99609	56005.66242	56013.28906	504569.3	5410198.9
L4570.0	504569.3	5410197.3	31376.59961	327.87	0	48.844730	-86.937722	55998.02	56232.7	17.32	56015.34	56020.81250	56007.33966	56014.95313	504569.3	5410197.3
L4570.0	504569.3	5410197.3	31376.69922	326.48	0	48.844730	-86.937722	55995.97	56232.7	17.32	56013.28	56018.69922	56010.62199	56018.21875	504569.3	5410197.3
L4570.0	504569.3	5410195.5	31376.80078	325.90	0	48.844714	-86.937722	55993.16	56232.7	17.31	56010.47	56015.83203	55996.31913	56003.89063	504569.3	5410195.5
L4570.0	504569.4	5410193.9	31376.90039	324.79	0	48.844700	-86.937721	55991.16	56232.7	17.31	56008.47	56013.77344	56000.97033	56008.51172	504569.4	5410193.9
L4570.0	504569.4	5410193.9	31377.00000	322.59	0	48.844700	-86.937721	55988.46	56232.7	17.30	56005.76	56011.00000	55989.30466	55996.81250	504569.4	5410193.9
L4570.0	504569.4	5410191.7	31377.09961	322.15	0	48.844680	-86.937721	55986.03	56232.7	17.30	56003.33	56008.50391	55984.12568	55991.59375	504569.4	5410191.7
L4570.0	504569.4	5410190.5	31377.19922	320.67	0	48.844670	-86.937721	55983.57	56232.7	17.30	56000.88	56005.98438	55978.51473	55985.93750	504569.4	5410190.5
L4570.0	504569.4	5410189.6	31377.30078	320.54	0	48.844661	-86.937721	55981.52	56232.7	17.30	55998.83	56003.86328	55981.71678	55989.08594	504569.4	5410189.6
L4570.0	504569.4	5410188.1	31377.40039	320.94	0	48.844648	-86.937720	55979.07	56232.7	17.30	55996.38	56001.33594	55975.98656	55983.29688	504569.4	5410188.1
L4570.0	504569.4	5410188.1	31377.50000	320.77	0	48.844648	-86.937720	55976.67	56232.7	17.31	55993.97	55998.84766	55971.06296	55978.31250	504569.4	5410188.1
L4570.0	504569.5	5410186.9	31377.59961	321.97	0	48.844637	-86.937720	55974.57	56232.7	17.31	55991.87	55996.66406	55972.75240	55979.92969	504569.5	5410186.9

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4570.0	504569.5	5410185.2	31377.69922	321.36	0	48.844621	-86.937720	55972.06	56232.7	17.31	55989.37	55994.07813	55965.62037	55972.72266	504569.5	5410185.2
L4570.0	504569.5	5410185.2	31377.80078	322.44	0	48.844621	-86.937720	55969.79	56232.7	17.31	55987.09	55991.70703	55963.08714	55970.10938	504569.5	5410185.2
L4570.0	504569.5	5410183.7	31377.80078	322.44	0	48.844608	-86.937720	55967.39	56232.7	17.31	55984.70	55989.22266	55957.98224	55964.91406	504569.5	5410183.7
L4570.0	504569.5	5410182.1	31378.00000	321.91	0	48.844593	-86.937719	55965.04	56232.7	17.31	55982.35	55986.77734	55953.52533	55960.36328	504569.5	5410182.1
L4570.0	504569.6	5410180.4	31378.09961	322.58	0	48.844578	-86.937719	55963.06	56232.7	17.31	55980.37	55984.69922	55956.92112	55963.66016	504569.6	5410180.4
L4570.0	504569.6	5410180.4	31378.19922	326.58	0	48.844578	-86.937719	55960.58	56232.7	17.31	55977.88	55982.10547	55948.92933	55955.56250	504569.6	5410180.4
L4570.0	504569.6	5410178.7	31378.30078	326.66	0	48.844563	-86.937718	55958.48	56232.7	17.30	55975.78	55979.89844	55949.26822	55955.78906	504569.6	5410178.7
L4570.0	504569.6	5410177.2	31378.40039	324.46	0	48.844550	-86.937718	55955.75	56232.7	17.30	55973.05	55977.05859	55935.28378	55941.68359	504569.6	5410177.2
L4570.0	504569.6	5410177.2	31378.50000	326.51	0	48.844550	-86.937718	55953.78	56232.7	17.30	55971.08	55974.97266	55938.00728	55944.28125	504569.6	5410177.2
L4570.0	504569.6	5410175.5	31378.59961	326.56	0	48.844534	-86.937718	55951.15	56232.7	17.30	55968.45	55972.22656	55925.47352	55931.61719	504569.6	5410175.5
L4570.0	504569.6	5410173.8	31378.69922	324.73	0	48.844519	-86.937718	55948.79	56232.7	17.30	55966.09	55969.74609	55918.68587	55924.69141	504569.6	5410173.8
L4570.0	504569.6	5410173.8	31378.80078	326.89	0	48.844519	-86.937718	55946.57	56232.7	17.29	55963.86	55967.39063	55914.55299	55920.41406	504569.6	5410173.8
L4570.0	504569.7	5410172.4	31378.90039	326.08	0	48.844506	-86.937717	55944.27	56232.7	17.29	55961.56	55964.96484	55908.43721	55914.14844	504569.7	5410172.4
L4570.0	504569.7	5410170.8	31379.00000	325.09	0	48.844492	-86.937717	55942.44	56232.7	17.29	55959.73	55963.00391	55913.07626	55918.62891	504569.7	5410170.8
L4570.0	504569.7	5410169.6	31379.09961	325.50	0	48.844481	-86.937717	55940.55	56232.7	17.29	55957.83	55960.97266	55915.81028	55921.19922	504569.7	5410169.6
L4570.0	504569.7	5410169.6	31379.19922	324.24	0	48.844481	-86.937717	55939.11	56232.7	17.28	55956.39	55959.39453	55929.33211	55934.55078	504569.7	5410169.6
L4570.0	504569.7	5410167.9	31379.30078	323.74	0	48.844466	-86.937717	55936.47	56232.7	17.28	55953.75	55956.61328	55913.57002	55918.61328	504569.7	5410167.9
L4570.0	504569.7	5410166.5	31379.40039	323.65	0	48.844453	-86.937717	55934.02	56232.7	17.27	55951.29	55954.00781	55901.59385	55906.45313	504569.7	5410166.5
L4570.0	504569.7	5410166.5	31379.50000	325.49	0	48.844453	-86.937717	55931.52	56232.7	17.26	55948.78	55951.35156	55887.81849	55892.48828	504569.7	5410166.5
L4570.0	504569.7	5410165.1	31379.59961	327.39	0	48.844441	-86.937717	55929.21	56232.7	17.26	55946.47	55948.89063	55878.38517	55882.85938	504569.7	5410165.1
L4570.0	504569.7	5410163.4	31379.69922	328.75	0	48.844426	-86.937717	55926.98	56232.7	17.25	55944.24	55946.50781	55870.37278	55874.64453	504569.7	5410163.4
L4570.0	504569.7	5410163.4	31379.80078	328.50	0	48.844426	-86.937717	55924.99	56232.8	17.25	55942.24	55944.35156	55866.99268	55871.05469	504569.7	5410163.4
L4570.0	504569.7	5410161.3	31379.80078	328.50	0	48.844407	-86.937717	55923.17	56232.8	17.25	55940.42	55942.37109	55866.55875	55870.40625	504569.7	5410161.3
L4570.0	504569.7	5410159.7	31380.00000	325.01	0	48.844392	-86.937717	55921.53	56232.8	17.24	55938.77	55940.55859	55868.95751	55872.58594	504569.7	5410159.7
L4570.0	504569.7	5410159.7	31380.09961	327.10	0	48.844392	-86.937717	55919.93	56232.8	17.24	55937.18	55938.80469	55872.09987	55875.50000	504569.7	5410159.7
L4570.0	504569.7	5410158.6	31380.19922	327.62	0	48.844382	-86.937717	55918.01	56232.8	17.24	55935.26	55936.71484	55868.45099	55871.61719	504569.7	5410158.6
L4570.0	504569.8	5410156.9	31380.30078	328.93	0	48.844367	-86.937716	55915.66	56232.8	17.25	55932.91	55934.19141	55855.94932	55858.87500	504569.8	5410156.9
L4570.0	504569.8	5410155.2	31380.40039	328.82	0	48.844351	-86.937716	55913.51	56232.8	17.25	55930.76	55931.86719	55846.72258	55849.40234	504569.8	5410155.2
L4570.0	504569.8	5410153.9	31380.50000	329.48	0	48.844340	-86.937716	55911.48	56232.8	17.25	55928.73	55929.66016	55839.23940	55841.66797	504569.8	5410153.9
L4570.0	504569.8	5410153.9	31380.59961	329.40	0	48.844340	-86.937716	55909.94	56232.7	17.25	55927.19	55927.94141	55840.80389	55842.97266	504569.8	5410153.9
L4570.0	504569.8	5410151.7	31380.69922	328.40	0	48.844320	-86.937716	55908.02	56232.7	17.25	55925.27	55925.83984	55834.31315	55836.21484	504569.8	5410151.7
L4570.0	504569.8	5410151.7	31380.80078	328.15	0	48.844320	-86.937716	55906.58	56232.7	17.26	55923.83	55924.21484	55836.75253	55838.38281	504569.8	5410151.7
L4570.0	504569.8	5410150.3	31380.90039	328.41	0	48.844307	-86.937716	55904.81	56232.7	17.26	55922.07	55922.26563	55832.23613	55833.58984	504569.8	5410150.3
L4570.0	504569.8	5410148.6	31381.00000	328.62	0	48.844293	-86.937716	55903.09	56232.7	17.26	55920.35	55920.35547	55827.87756	55828.94922	504569.8	5410148.6
L4570.0	504569.7	5410147.2	31381.09961	331.46	0	48.844280	-86.937717	55901.14	56232.7	17.26	55918.40	55918.21484	55818.20049	55818.98047	504569.7	5410147.2
L4570.0	504569.7	5410147.2	31381.19922	333.17	0	48.844280	-86.937717	55899.44	56232.7	17.26	55916.70	55916.32031	55812.85479	55813.33984	504569.7	5410147.2
L4570.0	504569.7	5410145.8	31381.30078	335.28	0	48.844267	-86.937717	55897.88	56232.7	17.25	55915.13	55914.55078	55809.42512	55809.60938	504569.7	5410145.8
L4570.0	504569.7	5410145.8	31381.40039	334.84	0	48.844267	-86.937717	55896.36	56232.7	17.25	55913.61	55912.83203	55806.26331	55806.13672	504569.7	5410145.8
L4570.0	504569.7	5410143.7	31381.50000	333.85	0	48.844248	-86.937717	55894.94	56232.8	17.25	55912.19	55911.21094	55804.37327	55803.93359	504569.7	5410143.7
L4570.0	504569.7	5410142.1	31381.59961	330.61	0	48.844233	-86.937717	55893.47	56232.8	17.25	55910.72	55909.53906	55800.61860	55799.85547	504569.7	5410142.1
L4570.0	504569.7	5410140.5	31381.69922	331.18	0	48.844219	-86.937717	55891.83	56232.8	17.25	55909.07	55907.68359	55792.19759	55791.10938	504569.7	5410140.5
L4570.0	504569.7	5410140.5	31381.80078	331.66	0	48.844219	-86.937717	55890.34	56232.8	17.24	55907.58	55905.98828	55786.21137	55784.78906	504569.7	5410140.5
L4570.0	504569.7	5410139.1	31381.80078	331.66	0	48.844207	-86.937717	55889.00	56232.8	17.24	55906.24	55904.44141	55782.51515	55780.75391	504569.7	5410139.1
L4570.0	504569.7	5410139.1	31382.00000	331.64	0	48.844207	-86.937717	55886.70	56232.8	17.24	55903.93	55901.92188	55756.88665	55754.77734	504569.7	5410139.1
L4570.0	504569.7	5410137.9	31382.09961	330.03	0	48.844196	-86.937717	55885.33	56232.8	17.24	55902.57	55900.35156	55750.87881	55748.41797	504569.7	5410137.9
L4570.0	504569.7	5410136.3	31382.19922	331.18	0	48.844182	-86.937717	55884.55	56232.8	17.24	55901.78	55899.34766	55756.76752	55753.94922	504569.7	5410136.3
L4570.0	504569.7	5410134.8	31382.30078	332.35	0	48.844168	-86.937717	55884.26	56232.8	17.23	55901.50	55898.85547	55773.55740	55770.37500	504569.7	5410134.8
L4570.0	504569.7	5410134.8	31382.40039	331.63	0	48.844168	-86.937717	55883.11	56232.8	17.23	55900.34	55897.48047	55770.36071	55766.80469	504569.7	5410134.8
L4570.0	504569.7	5410133.1	31382.50000	333.24	0	48.844153	-86.937717	55882.39	56232.8	17.23	55899.62	55896.54688	55776.53847	55772.60547	504569.7	5410133.1
L4570.0	504569.7	5410131.3	31382.59961	333.44	0	48.844137	-86.937718	55880.78	56232.8	17.23	55898.01	55894.71875	55762.44553	55758.12500	504569.7	5410131.3
L4570.0	504569.7	5410131.3	31382.69922	335.15	0	48.844137	-86.937718	55879.28	56232.8	17.23	55896.50	55892.99219	55750.38913	55745.67969	504569.7	5410131.3
L4570.0	504569.7	5410129.7	31382.80078	336.16	0	48.844122	-86.937718	55878.53	56232.8	17.22	55895.75	55892.02344	55754.90405	55749.79688	504569.7	5410129.7
L4570.0	504569.7	5410129.7	31382.90039	337.93	0	48.844122	-86.937718	55877.74	56232.8	17.22	55894.96	55891.01563	55758.15469	55752.64063	504569.7	5410129.7
L4570.0	504569.6	5410127.9	31383.00000	339.27	0	48.844106	-86.937718	55877.36	56232.8	17.22	55894.58	55890.41797	55769.68382	55763.75781	504569.6	5410127.9
L4570.0	504569.6	5410126.5	31383.09961	339.82	0	48.844093	-86.937718	55876.00	56232.8	17.22	55893.21	55888.82813	55759.92493	55753.58203	504569.6	5410126.5
L4570.0	504569.6	5410124.9	31383.19922	339.50	0	48.844079	-86.937718	55875.46	56232.8	17.22	55892.68	55888.07813	55767.22181	55760.45313	504569.6	5410124.9
L4570.0	504569.6	5410124.9	31383.30078	339.11	0	48.844079	-86.937718	55874.66	56232.8	17.21	55891.87	55887.05078	55768.27285	55761.07422	504569.6	5410124.9
L4570.0	504569.6	5410122.6	31383.40039	337.95	0	48.844058	-86.937718	55874.18	56232.8	17.21	55891.39	55886.35156	55775.11013	55767.47266	504569.6	5410122.6
L4570.0	504569.6	5410122.6	31383.50000	332.05	0	48.844058	-86.937718	55873.57	56232.8	17.21	55890.78	55885.52344	55799.66694	55791.58203	504569.6	5410122.6
L4570.0	504569.7	5410121.1	31383.59961	326.29	0	48.844045	-86.937718	55873.02	56232.8	17.21	55890.22	55884.74609	55802.81594	55794.28125	504569.7	5410121.1
L4570.0	504569.7	5410119.8	31383.69922	323.25	0	48.844033	-86.937718	55872.43	56232.8	17.21	55889.63	55883.93750	55804.12427	55795.12891	504569.7	5410119.8
L4570.0	504569.7	5410118.1	31383.80078	319.00	0	48.844018	-86.937718	55871.88	56232.8	17.20	55889.08	55883.17188	55805.21562	55795.75391	504569.7	5410118.1
L4570.0	504569.7	5410118.1	31383.80078	319.00	0	48.844018	-86.937718	55871.37	56232.8	17.20	55888.57	55882.44531	55806.01385	55796.07813	504569.7	5410118.1
L4570.0	504569.7	5410116.4	31384.00000	309.95	0	48.844003	-86.937717	55870.81	56232.8	17.20	55888.01	55881.66797	55804.58000	55794.16016	504569.7	5410116.4
L4570.0	504569.7	5410116.4	31384.09961	308.97	0	48.844003	-86.937717	55870.76	56232.8	17.20	55887.96	55881.40234	55812.19085	55801.28125	504569.7	5410116.4
L4570.0	504569.7	5410114.9	31384.19922	307.08	0	48.843989	-86.937717	55870.56	56232.8	17.20	55887.76	55880.98828	55815.22255	55803.81641	504569.7	5410114.9
L4570.0	504569.7	5410113.3	31384.30078	309.71	0	48.843974	-86.937717	55870.48	56232.8	17.20	55887.68	55880.69922	55819.13853	55807.23047	504569.7	5410113.3
L4570.0	504569.7	5410112.3	31384.40039	308.97	0	48.843966	-86.937717	55869.90	56232.8	17.20	55887.10	55879.90625	55811.99240	55799.57422	504569.7	5410112.3
L4570.0	504569.8	5410110.7	31384.50000	310.77	0	48.843952	-86.937717	55869.14	56232.8	17.20	55886.34	55878.93750	55799.99257	55787.05078	504569.8	5410110.7
L4570.0	504569.8	5410110.7	31384.59961	314.08	0	48.843952	-86.937717	55869.06	56232.8	17.20	55886.26	55878.64844	55799.56638	55786.09766	504569.8	5410110.7
L4570.0	504569.8	5410109.7	31384.69922	314.68	0	48.843942	-86.937717	55868.81	56232.8	17.20	55886.01	55878.19531	55794.25362	55780.25391	504569.8	5410109.7
L4570.0	504569.8	5410109.7	31384.80078	317.63	0	48.843942	-86.937717	55869.12	56232.8	17.20	55886.32	55878.30078	55798.51834	55783.97656	504569.8	5410109.7
L4570.0	504569.8	5410107.8	31384.90039	318.83	0	48.843925	-86.937717	55868.76	56232.8	17.20	55885.96	55877.73828	55787.72868	55772.63281	504569.8	5410107.8
L4570.0	504569.8	5410106.5	31385.00000	320.15	0	48.843914	-86.937717	55868.98	56232.8	17.20	55886.18	55877.75781	55787.34827	55771.69531	504569.8	5410106.5
L4570.0	504569.8	5410105.1	31385.09961	322.49	0	48.843901	-86.937717	55868.36	56232.8	17.20	55885.56	55876.94141	55767.26977	55751.04688	504569.8	5410105.1
L4570.0	504569.7	5410103.5	31385.19922	327.04	0	48.843886	-86.937717	55868.96	56232.8	17.20	55886.16	55877.34766	55772.72120	55755.92578	504569.7	5410103.5
L4570.0	504569.7	5410103.5	31385.30078	330.54	0	48.843886	-86.937717	55869.32	56232.8	17.19	55886.51	55877.50391	55771.85029	55754.47266	504569.7	5410103.5
L4570.0	504569.7	5410101.5	31385.40039	333.68	0	48.843869	-86.937717	55869.63	56232.8	17.19	55886.82	55877.62500	55769.26737	55751.29688	504569.7	5410101.5
L4570.0	504569.7	5410101.5	31385.50000	337.45	0	48.843869	-86.937717	55869.85	56232.8	17.19	55887.04	55877.65625	55758.24646	55739.67578	504569.7	5410101.5
L4570.0	504569.7	5410100.2	31385.59961	340.72	0	48.843857	-86.937718	55870.46	56232.8	17.19	55887.65	55878.08203	55761.16876	55741.98828	504569.7	5410100.2
L4570.0	504569.7	5410098.6	31385.69922	338.68	0	48.843842	-86.937718	55871.62	56232.8	17.19	55888.81	55879.06250	55775.12261	55755.32422	504569.7	5410098.6
L4570.0	504569.7	5410096.8	31385.80078	338.52	0	48.843826	-86.937718	55871.77	56232.8	17.18	55888.95	55879.02344	55768.88811	55748.46484	504569.7	5410096.8
L4570.0	504569.7	5410096.8	31385.80078	338.52	0	48.843826	-86.937718	55873.04	56232.8	17.18	55890.22	55880.11719	55785.43620	55764.37891	504569.7	5410096.8
L4570.0	504569.7	5410095.9	31386.00000	328.57	0	48.843818	-86.937718	55873.41	56232.8	17.18	55890.59	55880.31641	55783.68417	55761.98047	504569.7	5410095.9
L4570.0	504569.7	5410094.2	31386.09961	325.27	0	48.843803	-86.937718	55874.18	56232.8	17.18	55891.36	55880.91797	55789.86123	55767.50391	504569.7	5410094.2
L4570.0	504569.7	5410094.2	31386.19922	325.73	0	48.843803	-86.937718	55874.50	56232.8	17.18	55891.69	55881.08594	55786.83102	55763.81641	504569.7	5410094.2
L4570.0	504569.7	5410092.8	31386.30078	326.90	0	48.843790	-86.937718	55875.32	56232.8	17.19	55892.50	55881.73438	55793.13038	55769.44531	504569.7	5410092.8
L4570.0	504569.7	5410092.8	31386.40039	331.88	0	48.843790	-86.937718	55875.94	56232.8	17.19	55893.13	55882.20703	55795.32339	55770.95703	504569.7	5410092.8
L4570.0	504569.7	5410090.0	31386.50000	332.84	0	48.843765	-86.937719	55876.63	56232.8	17.19	55893.82	55882.74219	55798.13413	55773.07813	504569.7	5410090.0
L4570.0	504569.7	5410090.0	31386.59961	333.05	0	48.843765	-86.937719	55877.82	56232.8	17.19	55895.01	55883.78516	55809.86356	55784.10938	504569.7	5410090.0
L4570.0	0.0	0.0	31386.69922	333.23	0	48.843749	-86.937719	55878.48	56232.8	17.19	55895.67	55884.30078	55810.54175	55784.07813	504569.6	5410088.2
L4570.0	0.0	0.0	31386.80078	332.25	0	48.843749	-86.937719	55879.26	56232.8	17.20	55896.45	55884.94141	55818.13079	55790.95313	504569.6	5410088.2
L4570.0	0.0	0.0	31386.90039	330.53	0	48.843736	-86.937719	55879.46	56232.8	17.20	55896.65	55885.00391	55804.04402	55776.14063	504569.6	5410086.8

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4570.0	0.0	0.0	31387.00000	325.51	0	48.843722	-86.937719	55881.26	56232.8	17.20	55898.46	55886.67969	55828.57888	55799.93750	504569.6	5410085.2
L4570.0	0.0	0.0	31387.09961	316.99	0	48.843710	-86.937719	55882.14	56232.8	17.20	55899.34	55887.43359	55829.15625	55799.76953	504569.6	5410083.8
L4570.0	0.0	0.0	31387.19922	311.50	0	48.843710	-86.937719	55883.64	56232.8	17.19	55900.83	55888.80078	55843.79255	55813.64844	504569.6	5410083.8
L4570.0	0.0	0.0	31387.30078	310.67	0	48.843693	-86.937720	55884.88	56232.8	17.19	55902.07	55889.92188	55841.89597	55810.99219	504569.6	5410082.0
L4570.0	0.0	0.0	31387.40039	312.84	0	48.843684	-86.937720	55886.12	56232.8	17.19	55903.30	55891.03906	55847.40186	55815.72266	504569.6	5410081.0
L4570.0	0.0	0.0	31387.50000	315.96	0	48.843670	-86.937720	55886.67	56232.8	17.18	55903.85	55891.48047	55839.13315	55806.66797	504569.5	5410079.4
L4570.0	0.0	0.0	31387.59961	320.69	0	48.843659	-86.937720	55887.38	56232.8	17.18	55904.56	55892.08594	55833.03045	55799.76953	504569.5	5410078.2
L4570.0	0.0	0.0	31387.69922	323.58	0	48.843659	-86.937720	55888.41	56232.8	17.18	55905.59	55893.01563	55832.49218	55798.42969	504569.5	5410078.2
L4570.0	0.0	0.0	31387.80078	327.11	0	48.843643	-86.937721	55889.50	56232.8	17.18	55906.68	55894.01172	55832.56169	55797.68750	504569.5	5410076.5
L4570.0	0.0	0.0	31387.80078	327.11	0	48.843643	-86.937721	55891.27	56232.8	17.18	55908.45	55895.69531	55846.49510	55810.79688	504569.5	5410076.5
L4570.0	0.0	0.0	31388.00000	335.37	0	48.843631	-86.937721	55892.16	56232.8	17.17	55909.33	55896.48828	55841.28166	55804.75000	504569.5	5410075.1
L4570.0	0.0	0.0	31388.09961	338.32	0	48.843631	-86.937721	55893.45	56232.8	17.17	55910.62	55897.69922	55844.48528	55807.10938	504569.5	5410075.1
L4570.0	0.0	0.0	31388.19922	340.73	0	48.843616	-86.937721	55894.23	56232.8	17.17	55911.40	55898.40625	55835.86186	55797.63672	504569.5	5410073.4
L4570.0	0.0	0.0	31388.30078	343.61	0	48.843598	-86.937722	55895.70	56232.8	17.16	55912.86	55899.79688	55842.28098	55803.19531	504569.4	5410071.5
L4570.0	0.0	0.0	31388.40039	343.56	0	48.843586	-86.937722	55896.94	56232.8	17.16	55914.10	55900.97656	55843.45996	55803.50000	504569.4	5410070.0
L4570.0	0.0	0.0	31388.50000	343.87	0	48.843586	-86.937722	55898.68	56232.8	17.16	55915.84	55902.65625	55856.42354	55815.58203	504569.4	5410070.0
L4570.0	0.0	0.0	31388.59961	344.08	0	48.843572	-86.937722	55900.20	56232.8	17.16	55917.36	55904.12500	55864.20412	55822.46875	504569.4	5410068.5
L4570.0	0.0	0.0	31388.69922	343.96	0	48.843558	-86.937723	55901.46	56232.8	17.16	55918.62	55905.33594	55865.58886	55822.95313	504569.4	5410066.9
L4570.0	0.0	0.0	31388.80078	343.34	0	48.843542	-86.937723	55902.33	56232.8	17.15	55919.48	55906.15625	55856.95438	55813.41016	504569.3	5410065.2
L4570.0	0.0	0.0	31388.90039	341.76	0	48.843542	-86.937723	55903.32	56232.8	17.15	55920.47	55907.10938	55851.41035	55806.94531	504569.3	5410065.2
L4570.0	0.0	0.0	31389.00000	340.30	0	48.843530	-86.937723	55905.21	56232.8	17.15	55922.36	55908.96484	55868.14713	55822.75000	504569.3	5410063.8
L4570.0	0.0	0.0	31389.09961	337.56	0	48.843530	-86.937723	55906.93	56232.9	17.15	55924.08	55910.66016	55880.57078	55834.23438	504569.3	5410063.8
L4570.0	0.0	0.0	31389.19922	334.26	0	48.843515	-86.937724	55908.02	56232.9	17.15	55925.17	55911.73047	55877.41858	55830.13281	504569.3	5410062.2
L4570.0	0.0	0.0	31389.30078	333.23	0	48.843503	-86.937724	55908.83	56232.9	17.15	55925.97	55912.51563	55867.36719	55819.12500	504569.3	5410060.9
L4570.0	0.0	0.0	31389.40039	330.67	0	48.843490	-86.937724	55910.42	56232.9	17.15	55927.57	55914.10547	55876.69054	55827.48047	504569.2	5410059.4
L4570.0	0.0	0.0	31389.50000	331.07	0	48.843490	-86.937724	55911.91	56232.9	17.15	55929.06	55915.58984	55883.24438	55833.05469	504569.2	5410059.4
L4570.0	0.0	0.0	31389.59961	331.98	0	48.843478	-86.937725	55913.05	56232.9	17.14	55930.20	55916.73047	55881.68032	55830.50391	504569.2	5410058.1
L4570.0	0.0	0.0	31389.69922	332.02	0	48.843478	-86.937725	55914.29	56232.9	17.14	55931.44	55917.97656	55882.57774	55830.41016	504569.2	5410058.1
L4570.0	0.0	0.0	31389.80078	331.62	0	48.843463	-86.937725	55915.66	56232.9	17.14	55932.80	55919.34766	55886.24898	55833.07813	504569.2	5410056.4
L4570.0	0.0	0.0	31389.80078	331.62	0	48.843452	-86.937725	55917.20	56232.9	17.14	55934.34	55920.90625	55893.75720	55839.57031	504569.2	5410055.2
L4570.0	0.0	0.0	31390.00000	329.11	0	48.843439	-86.937725	55918.90	56232.9	17.14	55936.04	55922.62891	55904.32915	55849.11719	504569.2	5410053.7
L4570.0	0.0	0.0	31390.09961	330.49	0	48.843439	-86.937725	55920.46	56232.9	17.14	55937.60	55924.21484	55911.73303	55855.48828	504569.2	5410053.7
L4570.0	0.0	0.0	31390.19922	329.44	0	48.843428	-86.937725	55921.75	56232.9	17.14	55938.90	55925.54688	55919.16621	55861.88672	504569.2	5410052.5
L4570.0	0.0	0.0	31390.30078	327.89	0	48.843417	-86.937725	55923.45	56232.9	17.15	55940.59	55927.27344	55929.25639	55870.92969	504569.2	5410051.3
L4570.0	0.0	0.0	31390.40039	327.96	0	48.843417	-86.937725	55924.41	56232.9	17.15	55941.55	55928.27734	55922.37256	55862.98828	504569.2	5410051.3
L4570.0	0.0	0.0	31390.50000	328.66	0	48.843408	-86.937725	55926.28	56232.8	17.15	55943.43	55930.20313	55935.89257	55875.44141	504569.2	5410050.3
L4570.0	0.0	0.0	31390.59961	326.56	0	48.843396	-86.937725	55927.72	56232.8	17.15	55944.88	55931.70313	55939.69071	55878.16406	504569.2	5410049.0
L4570.0	0.0	0.0	31390.69922	324.81	0	48.843387	-86.937725	55929.32	56232.8	17.15	55946.47	55933.35156	55945.91577	55883.31250	504569.2	5410048.0
L4570.0	0.0	0.0	31390.80078	322.02	0	48.843387	-86.937725	55930.86	56232.8	17.16	55948.01	55934.95313	55950.76614	55887.07813	504569.2	5410048.0
L4570.0	0.0	0.0	31390.90039	319.50	0	48.843377	-86.937725	55932.28	56232.8	17.16	55949.44	55936.44922	55966.98310	55902.19531	504569.2	5410046.8
L4570.0	0.0	0.0	31391.00000	316.98	0	48.843367	-86.937725	55933.77	56232.8	17.16	55950.93	55938.01172	55970.77166	55904.87891	504569.2	5410045.7
L4570.0	0.0	0.0	31391.09961	314.09	0	48.843356	-86.937726	55934.86	56232.8	17.16	55952.02	55939.17578	55965.69762	55898.69141	504569.2	5410044.5
L4570.0	0.0	0.0	31391.19922	309.00	0	48.843345	-86.937726	55936.09	56232.8	17.16	55953.25	55940.48438	55964.33360	55896.21484	504569.2	5410043.4
L4570.0	0.0	0.0	31391.30078	303.56	0	48.843345	-86.937726	55936.78	56232.8	17.16	55953.94	55941.25781	55953.63571	55884.39453	504569.2	5410043.4
L4570.0	0.0	0.0	31391.40039	300.90	0	48.843334	-86.937726	55938.45	56232.8	17.16	55955.61	55943.01563	55961.26219	55890.88672	504569.1	5410042.0
L4570.0	0.0	0.0	31391.50000	296.87	0	48.843322	-86.937726	55939.48	56232.8	17.16	55956.64	55944.13672	55958.03129	55886.51563	504569.1	5410040.7
L4570.0	0.0	0.0	31391.59961	297.36	0	48.843322	-86.937726	55941.31	56232.8	17.16	55958.47	55946.06641	55967.74340	55895.08203	504569.1	5410040.7
L4570.0	0.0	0.0	31391.69922	295.58	0	48.843311	-86.937727	55941.79	56232.8	17.16	55958.95	55946.64453	55956.75707	55882.94531	504569.1	5410039.5
L4570.0	0.0	0.0	31391.80078	297.49	0	48.843304	-86.937727	55942.29	56232.8	17.16	55959.45	55947.25000	55946.35473	55871.39063	504569.1	5410038.7
L4570.0	0.0	0.0	31391.80078	297.49	0	48.843295	-86.937727	55942.98	56232.8	17.16	55960.14	55948.04688	55938.44781	55862.32031	504569.1	5410037.7
L4570.0	0.0	0.0	31392.00000	300.23	0	48.843295	-86.937727	55944.72	56232.8	17.16	55961.88	55949.89453	55946.84708	55869.54688	504569.1	5410037.7
L4570.0	0.0	0.0	31392.09961	301.06	0	48.843283	-86.937727	55946.64	56232.8	17.16	55963.80	55951.92969	55959.25546	55880.78125	504569.1	5410036.4
L4570.0	0.0	0.0	31392.19922	302.73	0	48.843283	-86.937727	55947.86	56232.8	17.16	55965.01	55953.25781	55960.17761	55880.52734	504569.1	5410036.4
L4570.0	0.0	0.0	31392.30078	306.67	0	48.843273	-86.937727	55949.70	56232.8	17.15	55966.86	55955.22656	55974.73260	55893.90234	504569.1	5410035.2
L4570.0	0.0	0.0	31392.40039	312.51	0	48.843266	-86.937727	55950.18	56232.8	17.15	55967.34	55955.83203	55961.10101	55879.07813	504569.0	5410034.5
L4570.0	0.0	0.0	31392.50000	314.65	0	48.843258	-86.937727	55952.06	56232.8	17.15	55969.21	55957.82813	55979.98845	55896.76953	504569.1	5410033.6
L4570.0	0.0	0.0	31392.59961	316.97	0	48.843248	-86.937727	55952.79	56232.9	17.15	55969.94	55958.68750	55982.24025	55897.82422	504569.0	5410032.5
L4570.0	0.0	0.0	31392.69922	321.59	0	48.843248	-86.937727	55954.34	56232.9	17.15	55971.48	55960.35938	55995.68163	55910.06641	504569.0	5410032.5
L4570.0	0.0	0.0	31392.80078	324.50	0	48.843240	-86.937728	55954.89	56232.9	17.14	55972.04	55961.05078	55991.16699	55904.35156	504569.0	5410031.6
L4570.0	0.0	0.0	31392.90039	327.39	0	48.843230	-86.937728	55955.88	56232.9	17.14	55973.02	55962.16797	55995.61948	55907.59375	504569.0	5410030.5
L4570.0	0.0	0.0	31393.00000	331.05	0	48.843230	-86.937728	55956.94	56232.9	17.14	55974.08	55963.36719	56002.97735	55913.73438	504569.0	5410030.5
L4570.0	0.0	0.0	31393.09961	333.32	0	48.843221	-86.937728	55957.63	56232.9	17.14	55974.76	55964.18750	56027.59204	55937.13281	504569.0	5410029.5
L4570.0	0.0	0.0	31393.19922	335.61	0	48.843213	-86.937728	55959.19	56232.9	17.14	55976.33	55965.89844	56047.93384	55956.26172	504569.0	5410028.7
L4570.0	0.0	0.0	31393.30078	338.40	0	48.843207	-86.937728	55959.70	56232.9	17.13	55976.83	55966.54297	56047.42373	55954.53125	504569.0	5410027.9
L4570.0	0.0	0.0	31393.40039	340.27	0	48.843198	-86.937728	55961.70	56232.9	17.13	55978.83	55968.68750	56079.36938	55985.25391	504569.0	5410027.0
L4570.0	0.0	0.0	31393.50000	342.46	0	48.843198	-86.937728	55962.07	56232.9	17.13	55979.20	55969.20313	56076.67429	55981.33203	504569.0	5410027.0
L4570.0	0.0	0.0	31393.59961	345.06	0	48.843188	-86.937728	55963.74	56232.9	17.13	55980.87	55971.01953	56103.45078	56006.87891	504569.0	5410025.9
L4570.0	0.0	0.0	31393.69922	344.80	0	48.843181	-86.937728	55964.32	56232.9	17.13	55981.45	55971.75000	56105.89222	56008.09766	504569.0	5410025.0
L4570.0	0.0	0.0	31393.80078	344.33	0	48.843181	-86.937728	55965.41	56232.9	17.12	55982.54	55972.98828	56120.38940	56021.36719	504569.0	5410025.0
L4570.0	0.0	0.0	31393.80078	344.33	0	48.843172	-86.937728	55965.87	56232.9	17.12	55982.99	55973.58984	56120.16024	56019.90625	504569.0	5410024.1
L4570.0	0.0	0.0	31394.00000	339.68	0	48.843163	-86.937729	55966.98	56232.9	17.12	55984.10	55974.84766	56135.86135	56034.37109	504569.0	5410023.1
L4570.0	0.0	0.0	31394.09961	338.65	0	48.843156	-86.937729	55968.30	56232.9	17.12	55985.41	55976.30859	56156.83508	56054.11328	504569.0	5410022.3
L4570.0	0.0	0.0	31394.19922	335.97	0	48.843156	-86.937729	55968.65	56232.9	17.11	55985.77	55976.82031	56155.71907	56051.76953	504569.0	5410022.3
L4570.1	504671.4	5411480.8	33255.19922	333.04	0	48.856276	-86.936316	56246.06	56237.9	12.11	56258.17	56257.99609	56260.15463	56296.92188	504671.4	5411480.8
L4570.1	504671.4	5411480.8	33255.30078	333.69	0	48.856276	-86.936316	56245.70	56237.9	12.10	56257.81	56257.65625	56256.53204	56293.14453	504671.4	5411480.8
L4570.1	504671.4	5411480.6	33255.39844	335.36	0	48.856274	-86.936315	56245.75	56237.9	12.10	56257.86	56257.72656	56262.37453	56298.82813	504671.4	5411480.6
L4570.1	504671.5	5411480.4	33255.50000	335.36	0	48.856272	-86.936315	56245.70	56237.9	12.10	56257.80	56257.68750	56265.81284	56302.10547	504671.5	5411480.4
L4570.1	504671.5	5411480.4	33255.60156	339.03	0	48.856272	-86.936315	56245.47	56237.9	12.10	56257.57	56257.48047	56265.39906	56301.53516	504671.5	5411480.4
L4570.1	504671.5	5411480.1	33255.69922	339.27	0	48.856269	-86.936314	56245.52	56237.9	12.10	56257.62	56257.55078	56271.63245	56307.60938	504671.5	5411480.1
L4570.1	504671.5	5411479.8	33255.80078	338.91	0	48.856267	-86.936314	56244.94	56237.9	12.09	56257.03	56256.98047	56262.89933	56298.71875	504671.5	5411479.8
L4570.1	504671.5	5411479.6	33255.89844	335.93	0	48.856265	-86.936314	56244.70	56237.9	12.09	56256.79	56256.76172	56262.46603	56298.12500	504671.5	5411479.6
L4570.1	504671.5	5411479.6	33256.00000	335.67	0	48.856265	-86.936314	56244.43	56237.9	12.09	56256.52	56256.51172	56261.40196	56296.90234	504671.5	5411479.6
L4570.1	504671.6	5411479.3	33256.10156	336.60	0	48.856263	-86.936314	56244.37	56237.9	12.09	56256.46	56256.47266	56265.45080	56300.79297	504671.6	5411479.3
L4570.1	504671.6	5411479.0	33256.19922	334.89	0	48.856260	-86.936314	56243.88	56237.9	12.09	56255.96	56255.99219	56259.05359	56294.23828	504671.6	5411479.0
L4570.1	504671.6	5411479.0	33256.30078	333.52	0	48.856260	-86.936314	56243.64	56237.9	12.08	56255.72	56255.76953	56258.98427	56294.00781	504671.6	5411479.0
L4570.1	504671.6	5411478.7	33256.39844	332.76	0	48.856257	-86.936314	56243.36	56237.9	12.08	56255.44	56255.51172	56258.05609	56292.92188	504671.6	5411478.7
L4570.1	504671.5	5411478.4	33256.50000	334.90	0	48.856254	-86.936314	56242.87	56237.9	12.08	56254.95	56255.03906	56252.15628	56286.86328	504671.5	5411478.4
L4570.1	504671.5	5411478.1	33256.60156	336.50	0	48.856251	-86.936315	56242.56	56237.9	12.08	56254.64	56254.75000	56250.71732	56285.26172	504671.5	5411478.1
L4570.1	504671.5	5411478.1	33256.60156	336.50	0	48.856251	-86.936315	56242.08	56237.9	12.08	56254.16	56254.28906	56245.27854	56279.66406	504671.5	5411478.1
L4570.1	504671.5	5411477.7	33256.80078	333.68	0	48.856248	-86.936315	56241.92	56237.9	12.07	56253.99	56254.14063	56247.47750	56281.70313	504671.5	5411477.7
L4570.1	504671.4	5411477.4	33256.89844	335.01	0	48.856246	-86.936316	56241.08	56237.9	12.07	56253.15	56253.32031	56233.56790	56267.63281	504671.4	5411477.4
L4570.1	504671.4	5411477.1	33257.00000	333.88	0	48.856243	-86.936316	56240.94	56237.9	12.07	56253.01	56253.19922	56236.76209	56270.66797	504671.4	5411477.1
L4570.1	504671.4	5411477.1	33257.10156	335.35	0	48.856243	-86.936316	56240.72	56237.9	12.07	56252.79	56252.99609	56238.15386	56271.89844	504671.4	5411477.1

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4570.1	504671.3	5411476.7	33257.19922	336.34	0	48.856239	-86.936317	56240.65	56237.9	12.06	56252.71	56252.93359	56243.06753	56276.65234	504671.3	5411476.7
L4570.1	504671.2	5411476.2	33257.30078	337.99	0	48.856235	-86.936318	56240.29	56237.9	12.06	56252.35	56252.59375	56241.34818	56274.76953	504671.2	5411476.2
L4570.1	504671.2	5411476.2	33257.39844	336.83	0	48.856235	-86.936318	56239.84	56237.9	12.05	56251.89	56252.15234	56237.36436	56270.62500	504671.2	5411476.2
L4570.1	504671.2	5411475.7	33257.50000	336.09	0	48.856230	-86.936319	56239.88	56237.9	12.05	56251.93	56252.21094	56245.57080	56278.67188	504671.2	5411475.7
L4570.1	504671.1	5411475.3	33257.60156	337.19	0	48.856226	-86.936320	56239.68	56238	12.05	56251.73	56252.02734	56248.12499	56281.06250	504671.1	5411475.3
L4570.1	504671.0	5411474.9	33257.69922	337.82	0	48.856222	-86.936321	56239.43	56238	12.04	56251.47	56251.78516	56249.37376	56282.14844	504671.0	5411474.9
L4570.1	504671.0	5411474.9	33257.80078	335.84	0	48.856222	-86.936321	56239.09	56238	12.04	56251.12	56251.45313	56248.60724	56281.21875	504671.0	5411474.9
L4570.1	504671.0	5411474.4	33257.89844	334.89	0	48.856218	-86.936322	56239.02	56238	12.03	56251.05	56251.39844	56254.66942	56287.11719	504671.0	5411474.4
L4570.1	504670.8	5411473.6	33258.00000	333.61	0	48.856211	-86.936324	56238.53	56238	12.03	56250.56	56250.92578	56250.84505	56283.12891	504670.8	5411473.6
L4570.1	504670.8	5411473.2	33258.10156	332.97	0	48.856207	-86.936324	56238.56	56238	12.03	56250.59	56250.97266	56259.52557	56291.64844	504670.8	5411473.2
L4570.1	504670.8	5411473.2	33258.19922	332.38	0	48.856207	-86.936324	56237.79	56238	12.03	56249.81	56250.21094	56249.12268	56281.07813	504670.8	5411473.2
L4570.1	504670.7	5411472.6	33258.30078	333.35	0	48.856202	-86.936325	56237.51	56238	12.02	56249.54	56249.95703	56250.95293	56282.74609	504670.7	5411472.6
L4570.1	504670.6	5411471.9	33258.39844	334.07	0	48.856196	-86.936327	56237.23	56238	12.02	56249.25	56249.68359	56252.43519	56284.06250	504670.6	5411471.9
L4570.1	504670.6	5411471.9	33258.50000	330.83	0	48.856196	-86.936327	56236.77	56238	12.02	56248.79	56249.23828	56250.05537	56281.51563	504670.6	5411471.9
L4570.1	504670.6	5411471.3	33258.60156	334.26	0	48.856191	-86.936327	56236.39	56238	12.02	56248.41	56248.87500	56249.68796	56280.98438	504670.6	5411471.3
L4570.1	504670.5	5411470.6	33258.60156	334.26	0	48.856184	-86.936328	56235.88	56238	12.02	56247.89	56248.36719	56246.19081	56277.32031	504670.5	5411470.6
L4570.1	504670.5	5411470.6	33258.80078	333.22	0	48.856184	-86.936328	56235.86	56238	12.01	56247.87	56248.36328	56254.42618	56285.38672	504670.5	5411470.6
L4570.1	504670.5	5411469.9	33258.89844	332.06	0	48.856178	-86.936328	56235.54	56238	12.01	56247.55	56248.05859	56255.78827	56286.58203	504670.5	5411469.9
L4570.1	504670.5	5411469.5	33259.00000	333.20	0	48.856174	-86.936328	56235.25	56238	12.01	56247.26	56247.78125	56257.93833	56288.56250	504670.5	5411469.5
L4570.1	504670.5	5411469.0	33259.10156	332.63	0	48.856169	-86.936328	56234.73	56238	12.01	56246.73	56247.26563	56254.67720	56285.13281	504670.5	5411469.0
L4570.1	504670.5	5411469.0	33259.19922	335.97	0	48.856169	-86.936328	56234.60	56238	12.00	56246.60	56247.14844	56260.66149	56290.94922	504670.5	5411469.0
L4570.1	504670.5	5411468.2	33259.30078	333.02	0	48.856162	-86.936328	56234.24	56238	12.00	56246.24	56246.80078	56261.46129	56291.57813	504670.5	5411468.2
L4570.1	504670.6	5411467.3	33259.39844	331.43	0	48.856154	-86.936327	56233.81	56238	11.99	56245.80	56246.37500	56260.52745	56290.47656	504670.6	5411467.3
L4570.1	504670.6	5411467.3	33259.50000	329.08	0	48.856154	-86.936327	56233.38	56238	11.99	56245.37	56245.95703	56259.90169	56289.67969	504670.6	5411467.3
L4570.1	504670.6	5411466.6	33259.60156	331.66	0	48.856148	-86.936327	56232.90	56238	11.99	56244.88	56245.48047	56258.00404	56287.60938	504670.6	5411466.6
L4570.1	504670.7	5411465.9	33259.69922	331.42	0	48.856142	-86.936326	56232.18	56238	11.98	56244.16	56244.77344	56251.05191	56280.48438	504670.7	5411465.9
L4570.1	504670.7	5411465.3	33259.80078	333.44	0	48.856136	-86.936326	56231.64	56238	11.98	56243.62	56244.24219	56248.21062	56277.46875	504670.7	5411465.3
L4570.1	504670.7	5411465.3	33259.89844	334.49	0	48.856136	-86.936326	56231.26	56238	11.97	56243.23	56243.86328	56248.75298	56277.83984	504670.7	5411465.3
L4570.1	504670.8	5411464.2	33260.00000	332.97	0	48.856127	-86.936325	56231.11	56238	11.97	56243.08	56243.72656	56254.60455	56283.51563	504670.8	5411464.2
L4570.1	504670.8	5411463.3	33260.10156	331.59	0	48.856119	-86.936324	56230.48	56238	11.97	56242.45	56243.10547	56249.91305	56278.65234	504670.8	5411463.3
L4570.1	504670.8	5411462.5	33260.19922	331.88	0	48.856112	-86.936324	56230.14	56238	11.97	56242.11	56242.77734	56251.60248	56280.16406	504670.8	5411462.5
L4570.1	504670.8	5411462.5	33260.30078	331.38	0	48.856112	-86.936324	56229.57	56238	11.97	56241.54	56242.21875	56248.28734	56276.67188	504670.8	5411462.5
L4570.1	504670.9	5411461.3	33260.39844	331.20	0	48.856100	-86.936323	56228.93	56238	11.97	56240.90	56241.58594	56243.48031	56271.69141	504670.9	5411461.3
L4570.1	504670.9	5411460.5	33260.50000	331.46	0	48.856094	-86.936323	56228.25	56238	11.97	56240.22	56240.91406	56237.83315	56265.86719	504670.9	5411460.5
L4570.1	504670.9	5411459.8	33260.60156	329.64	0	48.856086	-86.936322	56228.02	56238	11.97	56239.99	56240.69531	56241.86283	56269.71875	504670.9	5411459.8
L4570.1	504670.9	5411459.8	33260.60156	329.64	0	48.856086	-86.936322	56227.50	56238	11.97	56239.47	56240.18359	56239.62182	56267.29688	504670.9	5411459.8
L4570.1	504671.0	5411458.4	33260.80078	330.23	0	48.856075	-86.936322	56226.88	56238	11.97	56238.85	56239.57031	56235.21337	56262.71094	504671.0	5411458.4
L4570.1	504671.0	5411458.4	33260.89844	329.86	0	48.856075	-86.936322	56226.38	56238	11.97	56238.35	56239.08203	56233.32367	56260.64063	504671.0	5411458.4
L4570.1	504671.0	5411457.7	33261.00000	328.50	0	48.856068	-86.936321	56225.77	56238	11.97	56237.74	56238.47656	56229.03615	56256.17188	504671.0	5411457.7
L4570.1	504671.0	5411457.7	33261.10156	329.91	0	48.856068	-86.936321	56225.32	56238	11.96	56237.28	56238.02734	56227.86113	56254.81641	504671.0	5411457.7
L4570.1	504671.1	5411456.5	33261.19922	329.93	0	48.856057	-86.936321	56224.88	56238	11.96	56236.84	56237.59375	56227.01759	56253.78906	504671.1	5411456.5
L4570.1	504671.1	5411455.5	33261.30078	330.41	0	48.856048	-86.936320	56224.70	56238	11.95	56236.65	56237.41016	56231.35694	56257.94922	504671.1	5411455.5
L4570.1	504671.1	5411454.2	33261.39844	331.03	0	48.856037	-86.936320	56224.25	56238.1	11.95	56236.19	56236.95703	56229.86657	56256.27344	504671.1	5411454.2
L4570.1	504671.1	5411454.2	33261.50000	331.05	0	48.856037	-86.936320	56223.86	56238.1	11.94	56235.80	56236.57422	56229.72979	56255.95313	504671.1	5411454.2
L4570.1	504671.1	5411453.2	33261.60156	330.26	0	48.856028	-86.936320	56223.22	56238.1	11.93	56235.15	56235.92969	56223.94941	56249.98828	504671.1	5411453.2
L4570.1	504671.2	5411452.5	33261.69922	330.36	0	48.856021	-86.936320	56222.94	56238.1	11.93	56234.87	56235.65625	56225.85086	56251.70313	504671.2	5411452.5
L4570.1	504671.2	5411452.5	33261.80078	330.84	0	48.856021	-86.936320	56222.43	56238.1	11.92	56234.35	56235.14063	56222.49922	56248.16797	504671.2	5411452.5
L4570.1	504671.2	5411451.4	33261.89844	330.34	0	48.856011	-86.936319	56222.07	56238.1	11.92	56233.99	56234.78516	56222.36913	56247.85156	504671.2	5411451.4
L4570.1	504671.2	5411450.1	33262.00000	329.39	0	48.855999	-86.936319	56221.48	56238.1	11.91	56233.39	56234.19141	56216.93220	56242.22656	504671.2	5411450.1
L4570.1	504671.2	5411450.1	33262.10156	330.01	0	48.855999	-86.936319	56220.69	56238.1	11.91	56232.60	56233.40625	56207.20361	56232.31250	504671.2	5411450.1
L4570.1	504671.2	5411448.8	33262.19922	330.29	0	48.855988	-86.936319	56220.21	56238.1	11.91	56232.12	56232.92969	56203.87190	56228.79297	504671.2	5411448.8
L4570.1	504671.2	5411448.0	33262.30078	330.87	0	48.855980	-86.936318	56219.95	56238.1	11.91	56231.86	56232.67578	56205.04686	56229.77734	504671.2	5411448.0
L4570.1	504671.2	5411446.8	33262.39844	332.38	0	48.855970	-86.936318	56219.52	56238.1	11.91	56231.43	56232.25000	56202.33224	56226.87500	504671.2	5411446.8
L4570.1	504671.2	5411446.8	33262.50000	331.00	0	48.855970	-86.936318	56218.66	56238.1	11.90	56230.57	56231.39063	56190.04057	56214.39453	504671.2	5411446.8
L4570.1	504671.3	5411445.2	33262.60156	332.35	0	48.855956	-86.936318	56218.42	56238.1	11.90	56230.32	56231.14453	56190.70923	56214.87109	504671.3	5411445.2
L4570.1	504671.3	5411445.2	33262.60156	332.35	0	48.855956	-86.936318	56218.21	56238.1	11.90	56230.12	56230.94922	56192.23156	56216.20313	504671.3	5411445.2
L4570.1	504671.3	5411444.2	33262.80078	330.92	0	48.855946	-86.936318	56217.89	56238.1	11.90	56229.80	56230.63281	56190.88564	56214.66797	504671.3	5411444.2
L4570.1	504671.3	5411443.0	33262.89844	331.75	0	48.855936	-86.936318	56217.50	56238.1	11.90	56229.40	56230.23828	56187.51863	56211.10938	504671.3	5411443.0
L4570.1	504671.3	5411443.0	33263.00000	331.91	0	48.855936	-86.936318	56217.22	56238.1	11.90	56229.12	56229.96094	56186.51568	56209.91406	504671.3	5411443.0
L4570.1	504671.3	5411441.7	33263.10156	332.49	0	48.855924	-86.936318	56216.74	56238.1	11.90	56228.64	56229.48047	56180.82709	56204.03125	504671.3	5411441.7
L4570.1	504671.3	5411440.6	33263.19922	332.28	0	48.855914	-86.936318	56216.20	56238.1	11.89	56228.09	56228.93359	56173.29701	56196.30859	504671.3	5411440.6
L4570.1	504671.3	5411440.6	33263.30078	334.36	0	48.855914	-86.936318	56215.75	56238.1	11.89	56227.64	56228.48828	56167.68553	56190.50781	504671.3	5411440.6
L4570.1	504671.3	5411439.1	33263.39844	333.52	0	48.855901	-86.936318	56215.43	56238.1	11.89	56227.32	56228.17188	56164.67097	56187.30078	504671.3	5411439.1
L4570.1	504671.3	5411438.2	33263.50000	333.69	0	48.855892	-86.936318	56214.92	56238.1	11.89	56226.81	56227.66406	56157.16003	56179.59766	504671.3	5411438.2
L4570.1	504671.3	5411438.2	33263.60156	332.17	0	48.855892	-86.936318	56214.62	56238.1	11.88	56226.50	56227.35547	56153.81370	56176.05469	504671.3	5411438.2
L4570.1	504671.3	5411436.9	33263.69922	331.46	0	48.855881	-86.936318	56214.46	56238.1	11.88	56226.34	56227.19922	56153.52648	56175.57422	504671.3	5411436.9
L4570.1	504671.3	5411436.9	33263.80078	331.79	0	48.855881	-86.936318	56214.21	56238.1	11.88	56226.09	56226.94922	56150.96504	56172.82031	504671.3	5411436.9
L4570.1	504671.3	5411435.5	33263.89844	332.26	0	48.855868	-86.936318	56214.04	56238.1	11.87	56225.91	56226.77344	56149.67777	56171.33984	504671.3	5411435.5
L4570.1	504671.3	5411434.2	33264.00000	331.83	0	48.855856	-86.936318	56213.75	56238.1	11.87	56225.62	56226.48438	56145.66613	56167.13672	504671.3	5411434.2
L4570.1	504671.3	5411432.7	33264.10156	334.66	0	48.855843	-86.936318	56213.66	56238.1	11.87	56225.53	56226.39453	56145.79980	56167.07813	504671.3	5411432.7
L4570.1	504671.3	5411432.7	33264.19922	332.55	0	48.855843	-86.936318	56213.56	56238.1	11.87	56225.43	56226.29688	56145.41656	56166.50000	504671.3	5411432.7
L4570.1	504671.3	5411431.3	33264.30078	333.57	0	48.855831	-86.936318	56213.63	56238.1	11.87	56225.50	56226.37109	56148.49028	56169.38281	504671.3	5411431.3
L4570.1	504671.3	5411431.3	33264.39844	331.97	0	48.855831	-86.936318	56213.42	56238.1	11.87	56225.29	56226.16406	56145.06868	56165.76953	504671.3	5411431.3
L4570.1	504671.3	5411430.3	33264.50000	332.72	0	48.855821	-86.936318	56213.38	56238.1	11.87	56225.25	56226.12500	56145.09585	56165.60547	504671.3	5411430.3
L4570.1	504671.3	5411428.8	33264.60156	330.17	0	48.855808	-86.936318	56213.36	56238.1	11.87	56225.23	56226.10547	56145.25698	56165.57422	504671.3	5411428.8
L4570.1	504671.3	5411428.8	33264.60156	330.17	0	48.855808	-86.936318	56213.12	56238.1	11.87	56224.99	56225.87109	56140.25946	56160.38672	504671.3	5411428.8
L4570.1	504671.3	5411427.3	33264.80078	331.58	0	48.855794	-86.936318	56213.26	56238.1	11.87	56225.13	56226.01172	56143.34544	56163.28125	504671.3	5411427.3
L4570.1	504671.3	5411426.2	33264.89844	330.82	0	48.855785	-86.936318	56213.24	56238.1	11.87	56225.11	56225.99609	56142.60336	56162.35156	504671.3	5411426.2
L4570.1	504671.3	5411426.2	33265.00000	331.53	0	48.855785	-86.936318	56213.45	56238.1	11.87	56225.32	56226.20703	56146.65606	56166.21484	504671.3	5411426.2
L4570.1	504671.3	5411424.7	33265.10156	331.11	0	48.855771	-86.936318	56213.48	56238.1	11.87	56225.35	56226.23828	56146.45334	56165.82422	504671.3	5411424.7
L4570.1	504671.3	5411423.4	33265.19922	331.14	0	48.855759	-86.936318	56213.66	56238.1	11.86	56225.52	56226.41406	56149.08555	56168.26953	504671.3	5411423.4
L4570.1	504671.3	5411423.4	33265.30078	330.60	0	48.855759	-86.936318	56213.70	56238.1	11.86	56225.56	56226.45703	56148.57966	56167.57813	504671.3	5411423.4
L4570.1	504671.3	5411422.1	33265.39844	332.64	0	48.855748	-86.936318	56213.81	56238.1	11.85	56225.66	56226.55859	56149.16332	56167.97656	504671.3	5411422.1
L4570.1	504671.3	5411420.9	33265.50000	332.55	0	48.855737	-86.936318	56214.06	56238.1	11.85	56225.91	56226.81250	56152.86876	56171.50000	504671.3	5411420.9
L4570.1	504671.3	5411420.9	33265.60156	331.11	0	48.855737	-86.936318	56214.39	56238.2	11.85	56226.23	56227.13672	56157.94540	56176.39453	504671.3	5411420.9
L4570.1	504671.3	5411419.6	33265.69922	330.94	0	48.855725	-86.936318	56214.49	56238.2	11.84	56226.33	56227.24219	56157.91241	56176.17969	504671.3	5411419.6
L4570.1	504671.3	5411419.6	33265.80078	333.79	0	48.855725	-86.936318	56214.57	56238.2	11.84	56226.40	56227.31641	56157.02258	56175.10938	504671.3	5411419.6
L4570.1	504671.3	5411418.2	33265.89844	333.69	0	48.855713	-86.936318	56214.74	56238.2	11.83	56226.58	56227.50000	56158.44645	56176.35547	504671.3	5411418.2
L4570.1	504671.3	5411416.7	33266.00000	332.69	0	48.855699	-86.936318	56215.10	56238.2	11.83	56226.93	56227.85547	56163.57357	56181.30469	504671.3	5411416.7
L4570.1	504671.3	5411416.7	33266.10156	332.85	0	48.855699	-86.936318	56215.48	56238.2	11.83	56227.31	56228.23828	56169.26984	56186.82422	504671.3	5411416.7
L4570.1	504671.3	5411415.5	33266.19922	333.95	0	48.855689	-86.936318	56215.82	56238.2	11.83	56227.66	56228.59375	56174.18849	56191.56641	504671.3	5411415.5
L4570.1	504671.3	5411414.4	33266.30078	333.90	0	48.855678	-86.936318	56216.43	56238.2	11.83	56228.27	56229.21094	56184.93025	56202.13672	504671.3	5411414.4
L4570.1	504671.3	5411412.9	33266.39844	335.05	0	48.855665	-86.936318	56216.87	56238.2	11.83	56228.70	56229.64844	56191.50971	56208.54688	504671.3	5411412.9

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4570.1	504671.3	5411412.9	33266.50000	336.42	0	48.855665	-86.936318	56217.40	56238.2	11.83	56229.23	56230.18359	56200.29909	56217.16797	504671.3	5411412.9
L4570.1	504671.3	5411411.6	33266.60156	334.28	0	48.855653	-86.936318	56217.70	56238.2	11.84	56229.54	56230.50000	56204.01417	56220.71484	504671.3	5411411.6
L4570.1	504671.3	5411410.6	33266.60156	334.28	0	48.855644	-86.936318	56218.42	56238.2	11.84	56230.25	56231.21875	56216.78915	56233.32422	504671.3	5411410.6
L4570.1	504671.3	5411410.6	33266.80078	333.57	0	48.855644	-86.936318	56218.68	56238.2	11.84	56230.52	56231.49609	56219.48222	56235.85547	504671.3	5411410.6
L4570.1	504671.3	5411408.8	33266.89844	333.64	0	48.855628	-86.936318	56218.75	56238.2	11.84	56230.58	56231.56250	56217.35059	56233.56250	504671.3	5411408.8
L4570.1	504671.3	5411407.4	33267.00000	334.99	0	48.855615	-86.936318	56218.89	56238.2	11.84	56230.73	56231.72266	56217.24276	56233.29688	504671.3	5411407.4
L4570.1	504671.3	5411407.4	33267.10156	332.17	0	48.855615	-86.936318	56219.39	56238.2	11.84	56231.23	56232.23047	56225.07114	56240.96484	504671.3	5411407.4
L4570.1	504671.3	5411406.0	33267.19922	332.43	0	48.855603	-86.936319	56219.72	56238.2	11.83	56231.56	56232.57031	56229.01591	56244.75781	504671.3	5411406.0
L4570.1	504671.3	5411404.8	33267.30078	330.72	0	48.855592	-86.936319	56220.13	56238.2	11.83	56231.96	56232.98047	56234.53735	56250.12500	504671.3	5411404.8
L4570.1	504671.3	5411404.8	33267.39844	328.85	0	48.855592	-86.936319	56220.48	56238.2	11.83	56232.31	56233.33984	56238.92374	56254.36328	504671.3	5411404.8
L4570.1	504671.3	5411403.5	33267.50000	329.23	0	48.855580	-86.936319	56220.97	56238.2	11.82	56232.79	56233.83203	56246.24944	56261.54297	504671.3	5411403.5
L4570.1	504671.3	5411402.2	33267.60156	331.64	0	48.855569	-86.936319	56221.18	56238.2	11.82	56233.00	56234.05469	56247.50484	56262.65234	504671.3	5411402.2
L4570.1	504671.3	5411402.2	33267.69922	332.41	0	48.855569	-86.936319	56221.57	56238.2	11.82	56233.38	56234.44531	56252.61636	56267.62109	504671.3	5411402.2
L4570.1	504671.3	5411401.0	33267.80078	331.53	0	48.855557	-86.936319	56221.91	56238.2	11.82	56233.73	56234.80859	56257.08715	56271.95313	504671.3	5411401.0
L4570.1	504671.3	5411399.7	33267.89844	333.11	0	48.855546	-86.936319	56222.18	56238.2	11.81	56233.99	56235.08203	56259.58911	56274.32031	504671.3	5411399.7
L4570.1	504671.3	5411398.3	33268.00000	332.32	0	48.855534	-86.936319	56222.31	56238.2	11.81	56234.11	56235.21484	56259.02960	56273.62891	504671.3	5411398.3
L4570.1	504671.3	5411396.8	33268.10156	332.47	0	48.855520	-86.936319	56222.33	56238.2	11.81	56234.13	56235.25000	56256.32696	56270.79297	504671.3	5411396.8
L4570.1	504671.3	5411396.8	33268.19922	333.10	0	48.855520	-86.936319	56222.56	56238.2	11.80	56234.36	56235.49219	56258.38221	56272.72266	504671.3	5411396.8
L4570.1	504671.3	5411395.3	33268.30078	332.46	0	48.855507	-86.936319	56222.73	56238.2	11.80	56234.53	56235.67969	56259.19114	56273.40625	504671.3	5411395.3
L4570.1	504671.3	5411393.7	33268.39844	332.23	0	48.855492	-86.936319	56222.89	56238.2	11.79	56234.68	56235.84375	56259.65145	56273.74609	504671.3	5411393.7
L4570.1	504671.3	5411393.7	33268.50000	332.46	0	48.855492	-86.936319	56223.12	56238.2	11.79	56234.91	56236.08984	56261.97585	56275.94922	504671.3	5411393.7
L4570.1	504671.3	5411392.2	33268.60156	331.74	0	48.855479	-86.936318	56223.34	56238.2	11.79	56235.13	56236.32813	56264.17646	56278.03516	504671.3	5411392.2
L4570.1	504671.3	5411391.1	33268.60156	331.74	0	48.855469	-86.936318	56223.47	56238.2	11.79	56235.26	56236.47656	56264.49969	56278.24219	504671.3	5411391.1
L4570.1	504671.3	5411391.1	33268.80078	329.67	0	48.855469	-86.936318	56223.70	56238.2	11.78	56235.48	56236.71484	56266.90772	56280.54297	504671.3	5411391.1
L4570.1	504671.3	5411389.7	33268.89844	330.65	0	48.855456	-86.936318	56223.79	56238.2	11.77	56235.56	56236.81250	56266.35265	56279.87891	504671.3	5411389.7
L4570.1	504671.3	5411388.2	33269.00000	330.00	0	48.855443	-86.936318	56223.73	56238.2	11.77	56235.50	56236.77344	56262.84770	56276.26953	504671.3	5411388.2
L4570.1	504671.3	5411388.2	33269.10156	330.34	0	48.855443	-86.936318	56223.81	56238.2	11.77	56235.57	56236.86328	56262.30660	56275.62891	504671.3	5411388.2
L4570.1	504671.3	5411386.3	33269.19922	331.68	0	48.855426	-86.936318	56223.73	56238.2	11.77	56235.50	56236.81250	56258.81879	56272.03906	504671.3	5411386.3
L4570.1	504671.3	5411385.2	33269.30078	329.14	0	48.855415	-86.936319	56223.82	56238.2	11.77	56235.59	56236.92578	56258.94118	56272.07031	504671.3	5411385.2
L4570.1	504671.3	5411383.9	33269.39844	331.04	0	48.855404	-86.936319	56223.78	56238.2	11.77	56235.55	56236.90625	56256.33044	56269.36719	504671.3	5411383.9
L4570.1	504671.3	5411383.9	33269.50000	331.35	0	48.855404	-86.936319	56224.06	56238.2	11.77	56235.83	56237.21094	56260.82264	56273.76953	504671.3	5411383.9
L4570.1	504671.3	5411382.7	33269.60156	331.03	0	48.855393	-86.936319	56223.79	56238.2	11.77	56235.56	56236.96094	56253.38018	56266.23828	504671.3	5411382.7
L4570.1	504671.3	5411382.7	33269.69922	331.74	0	48.855393	-86.936319	56223.75	56238.2	11.77	56235.52	56236.94531	56251.05618	56263.83203	504671.3	5411382.7
L4570.1	504671.3	5411381.3	33269.80078	333.80	0	48.855381	-86.936319	56223.50	56238.2	11.77	56235.27	56236.71875	56244.19253	56256.89063	504671.3	5411381.3
L4570.1	504671.3	5411380.0	33269.89844	334.37	0	48.855369	-86.936319	56223.22	56238.2	11.77	56234.99	56236.46484	56236.71135	56249.33203	504671.3	5411380.0
L4570.1	504671.3	5411380.0	33270.00000	331.91	0	48.855369	-86.936319	56223.29	56238.2	11.77	56235.06	56236.55859	56236.99116	56249.53516	504671.3	5411380.0
L4570.1	504671.2	5411378.4	33270.10156	329.26	0	48.855354	-86.936319	56223.42	56238.2	11.77	56235.18	56236.70703	56238.43789	56250.91016	504671.2	5411378.4
L4570.1	504671.2	5411376.7	33270.19922	329.01	0	48.855339	-86.936319	56223.51	56238.2	11.76	56235.27	56236.82422	56239.27412	56251.67578	504671.2	5411376.7
L4570.1	504671.2	5411375.4	33270.30078	330.28	0	48.855327	-86.936319	56223.32	56238.2	11.76	56235.08	56236.66016	56233.90253	56246.24219	504671.2	5411375.4
L4570.1	504671.2	5411375.4	33270.39844	332.01	0	48.855327	-86.936319	56223.14	56238.2	11.75	56234.90	56236.50781	56228.74409	56241.01953	504671.2	5411375.4
L4570.1	504671.2	5411374.1	33270.50000	331.45	0	48.855316	-86.936320	56223.02	56238.3	11.75	56234.77	56236.40625	56224.68942	56236.90625	504671.2	5411374.1
L4570.1	504671.2	5411372.9	33270.60156	332.16	0	48.855305	-86.936320	56222.98	56238.3	11.75	56234.73	56236.39453	56222.64202	56234.79688	504671.2	5411372.9
L4570.1	504671.2	5411371.2	33270.60156	332.16	0	48.855289	-86.936320	56222.89	56238.3	11.75	56234.63	56236.32422	56219.21737	56231.31641	504671.2	5411371.2
L4570.1	504671.2	5411371.2	33270.80078	335.72	0	48.855289	-86.936320	56222.86	56238.3	11.74	56234.60	56236.32422	56217.34353	56229.39063	504671.2	5411371.2
L4570.1	504671.2	5411370.0	33270.89844	333.92	0	48.855279	-86.936320	56222.68	56238.3	11.73	56234.42	56236.17188	56212.01865	56224.01563	504671.2	5411370.0
L4570.1	504671.2	5411370.0	33271.00000	334.34	0	48.855279	-86.936320	56222.61	56238.3	11.73	56234.34	56236.12500	56208.90856	56220.85938	504671.2	5411370.0
L4570.1	504671.2	5411367.1	33271.10156	333.53	0	48.855253	-86.936320	56222.68	56238.3	11.73	56234.42	56236.23438	56209.38734	56221.29297	504671.2	5411367.1
L4570.1	504671.2	5411367.1	33271.19922	333.85	0	48.855253	-86.936320	56222.57	56238.3	11.73	56234.30	56236.14844	56205.22738	56217.08594	504671.2	5411367.1
L4570.1	504671.1	5411365.2	33271.30078	334.65	0	48.855235	-86.936321	56222.58	56238.3	11.73	56234.32	56236.19922	56204.18127	56216.00000	504671.1	5411365.2
L4570.1	504671.1	5411365.2	33271.39844	336.76	0	48.855235	-86.936321	56222.48	56238.3	11.73	56234.21	56236.12109	56200.06127	56211.84375	504671.1	5411365.2
L4570.1	504671.1	5411363.5	33271.50000	335.87	0	48.855221	-86.936321	56222.38	56238.3	11.74	56234.11	56236.05469	56196.05652	56207.80078	504671.1	5411363.5
L4570.1	504671.1	5411362.5	33271.60156	334.19	0	48.855211	-86.936321	56222.33	56238.3	11.74	56234.06	56236.03516	56193.06983	56204.77734	504671.1	5411362.5
L4570.1	504671.1	5411362.5	33271.69922	333.61	0	48.855211	-86.936321	56222.23	56238.3	11.74	56233.96	56235.96875	56188.79862	56200.47266	504671.1	5411362.5
L4570.1	504671.1	5411360.8	33271.80078	332.33	0	48.855196	-86.936321	56222.04	56238.3	11.74	56233.78	56235.82422	56182.54601	56194.19141	504671.1	5411360.8
L4570.1	504671.1	5411360.8	33271.89844	331.10	0	48.855196	-86.936321	56222.05	56238.3	11.74	56233.79	56235.86719	56180.46399	56192.08203	504671.1	5411360.8
L4570.1	504671.1	5411359.5	33272.00000	332.73	0	48.855184	-86.936321	56222.20	56238.3	11.74	56233.94	56236.05078	56181.38142	56192.96875	504671.1	5411359.5
L4570.1	504671.1	5411357.4	33272.10156	331.55	0	48.855165	-86.936322	56222.25	56238.3	11.74	56233.99	56236.13672	56179.80704	56191.36719	504671.1	5411357.4
L4570.1	504671.1	5411355.8	33272.19922	332.40	0	48.855152	-86.936322	56222.32	56238.3	11.74	56234.06	56236.24219	56178.45923	56189.99609	504671.1	5411355.8
L4570.1	504671.1	5411355.8	33272.30078	332.54	0	48.855152	-86.936322	56222.48	56238.3	11.74	56234.21	56236.42578	56178.68027	56190.19531	504671.1	5411355.8
L4570.1	504671.1	5411354.3	33272.39844	329.94	0	48.855137	-86.936322	56222.38	56238.3	11.74	56234.11	56236.36328	56172.97594	56184.46875	504671.1	5411354.3
L4570.1	504671.1	5411352.7	33272.50000	332.73	0	48.855124	-86.936322	56222.46	56238.3	11.74	56234.19	56236.47656	56171.07705	56182.54688	504671.1	5411352.7
L4570.1	504671.1	5411352.7	33272.60156	333.86	0	48.855124	-86.936322	56222.46	56238.3	11.73	56234.19	56236.51172	56167.08310	56178.53125	504671.1	5411352.7
L4570.1	504671.1	5411351.4	33272.60156	333.86	0	48.855112	-86.936322	56222.63	56238.3	11.73	56234.36	56236.71875	56166.61792	56178.04688	504671.1	5411351.4
L4570.1	504671.1	5411351.4	33272.80078	330.48	0	48.855112	-86.936322	56222.84	56238.3	11.73	56234.57	56236.96484	56166.72584	56178.13672	504671.1	5411351.4
L4570.1	504671.1	5411349.4	33272.89844	331.39	0	48.855093	-86.936322	56222.98	56238.3	11.73	56234.71	56237.14063	56164.92404	56176.31641	504671.1	5411349.4
L4570.1	504671.1	5411348.3	33273.00000	329.66	0	48.855084	-86.936322	56223.02	56238.3	11.73	56234.75	56237.21484	56160.54077	56171.91797	504671.1	5411348.3
L4570.1	504671.1	5411348.3	33273.10156	327.96	0	48.855084	-86.936322	56223.22	56238.3	11.73	56234.95	56237.45313	56159.38671	56170.74609	504671.1	5411348.3
L4570.1	504671.1	5411346.8	33273.19922	327.70	0	48.855071	-86.936322	56223.43	56238.3	11.73	56235.16	56237.69922	56158.08834	56169.42969	504671.1	5411346.8
L4570.1	504671.1	5411345.5	33273.30078	330.99	0	48.855059	-86.936322	56223.70	56238.3	11.73	56235.43	56238.00391	56157.74551	56169.07031	504671.1	5411345.5
L4570.1	504671.1	5411343.7	33273.39844	332.20	0	48.855043	-86.936322	56223.75	56238.3	11.73	56235.48	56238.08984	56152.13818	56163.44922	504671.1	5411343.7
L4570.1	504671.1	5411343.7	33273.50000	332.73	0	48.855043	-86.936322	56224.14	56238.3	11.73	56235.87	56238.51563	56153.66600	56164.96094	504671.1	5411343.7
L4570.1	504671.1	5411342.1	33273.60156	332.55	0	48.855028	-86.936322	56224.52	56238.3	11.72	56236.24	56238.92188	56154.32930	56165.60547	504671.1	5411342.1
L4570.1	504671.1	5411340.7	33273.69922	332.62	0	48.855015	-86.936322	56225.01	56238.3	11.72	56236.73	56239.44922	56157.19322	56168.45313	504671.1	5411340.7
L4570.1	504671.1	5411340.7	33273.80078	333.06	0	48.855015	-86.936322	56225.34	56238.3	11.72	56237.06	56239.81250	56156.10269	56167.34766	504671.1	5411340.7
L4570.1	504671.1	5411339.0	33273.89844	333.06	0	48.855000	-86.936322	56225.80	56238.3	11.72	56237.52	56240.30859	56157.40044	56168.62891	504671.1	5411339.0
L4570.1	504671.1	5411337.6	33274.00000	330.99	0	48.854988	-86.936322	56226.16	56238.3	11.72	56237.88	56240.70313	56156.05821	56167.26953	504671.1	5411337.6
L4570.1	504671.0	5411336.0	33274.10156	329.83	0	48.854973	-86.936323	56226.61	56238.3	11.72	56238.33	56241.18750	56156.19278	56167.38281	504671.0	5411336.0
L4570.1	504671.0	5411336.0	33274.19922	329.35	0	48.854973	-86.936323	56226.95	56238.3	11.72	56238.67	56241.56250	56153.46884	56164.64063	504671.0	5411336.0
L4570.1	504671.0	5411334.4	33274.30078	327.60	0	48.854958	-86.936323	56227.50	56238.3	11.72	56239.22	56242.14844	56154.75596	56165.90625	504671.0	5411334.4
L4570.1	504671.0	5411334.4	33274.39844	329.25	0	48.854958	-86.936323	56227.82	56238.3	11.72	56239.54	56242.50000	56150.60189	56161.73438	504671.0	5411334.4
L4570.1	504671.0	5411332.5	33274.50000	329.11	0	48.854942	-86.936323	56228.48	56238.3	11.72	56240.19	56243.18359	56152.95250	56164.05859	504671.0	5411332.5
L4570.1	504671.0	5411331.2	33274.60156	330.48	0	48.854930	-86.936323	56229.09	56238.3	11.71	56240.80	56243.82813	56153.88103	56164.96484	504671.0	5411331.2
L4570.1	504671.0	5411331.2	33274.60156	330.48	0	48.854930	-86.936323	56229.75	56238.3	11.71	56241.46	56244.52344	56155.28359	56166.33984	504671.0	5411331.2
L4570.1	504671.0	5411329.5	33274.80078	330.79	0	48.854914	-86.936323	56230.29	56238.3	11.71	56242.00	56245.09375	56153.55364	56164.58594	504671.0	5411329.5
L4570.1	504671.0	5411327.9	33274.89844	332.10	0	48.854900	-86.936323	56230.88	56238.3	11.71	56242.59	56245.71484	56152.27121	56163.27734	504671.0	5411327.9
L4570.1	504671.0	5411327.9	33275.00000	332.62	0	48.854900	-86.936323	56231.84	56238.3	11.71	56243.55	56246.70703	56158.16411	56169.13672	504671.0	5411327.9
L4570.1	504671.0	5411326.0	33275.10156	332.55	0	48.854883	-86.936323	56233.04	56238.3	11.71	56244.75	56247.94141	56168.48674	56179.42969	504671.0	5411326.0
L4570.1	504671.0	5411324.7	33275.19922	329.43	0	48.854871	-86.936323	56234.32	56238.3	11.71	56246.03	56249.25000	56179.88091	56190.78906	504671.0	5411324.7
L4570.1	504671.0	5411324.7	33275.30078	328.75	0	48.854871	-86.936323	56234.71	56238.3	11.72	56246.43	56249.67969	56172.08162	56182.95313	504671.0	5411324.7
L4570.1	504671.0	5411323.4	33275.39844	328.11	0	48.854860	-86.936323	56235.88	56238.3	11.72	56247.59	56250.87109	56179.70945	56190.54688	504671.0	5411323.4
L4570.1	504671.0	5411321.8	33275.50000	327.48	0	48.854846	-86.936323	56236.64	56238.3	11.72	56248.36	56251.66797	56178.45669	56189.25391	504671.0	5411321.8
L4570.1	504671.0	5411321.8	33275.60156	327.31	0	48.854846	-86.936323	56237.66	56238.3	11.72	56249.39	56252.72656	56182.09729	56192.85156	504671.0	5411321.8
L4570.1	504671.1	5411320.0	33275.69922	328.33	0	48.854829	-86.936322	56238.35	56238.3	11.72	56250.07	56253.43750	56177.63555	56188.34375	504671.1	5411320.0

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4570.1	504671.1	5411320.0	33275.80078	329.70	0	48.854829	-86.936322	56238.77	56238.3	11.73	56250.49	56253.88281	56166.91036	56177.57422	504671.1	5411320.0
L4570.1	504671.1	5411318.3	33275.89844	331.44	0	48.854814	-86.936322	56240.19	56238.3	11.73	56251.92	56255.33984	56177.23099	56187.84766	504671.1	5411318.3
L4570.1	504671.1	5411316.9	33276.00000	331.80	0	48.854802	-86.936322	56241.06	56238.3	11.73	56252.79	56256.23438	56174.86617	56185.42969	504671.1	5411316.9
L4570.1	504671.1	5411315.4	33276.10156	332.05	0	48.854788	-86.936322	56242.46	56238.3	11.73	56254.19	56257.66016	56183.36705	56193.87500	504671.1	5411315.4
L4570.1	504671.1	5411315.4	33276.19922	331.87	0	48.854788	-86.936322	56243.10	56238.3	11.73	56254.83	56258.32422	56174.69830	56185.14844	504671.1	5411315.4
L4570.1	504671.1	5411313.5	33276.30078	333.14	0	48.854771	-86.936321	56244.56	56238.3	11.73	56256.29	56259.80859	56183.30015	56193.69531	504671.1	5411313.5
L4570.1	504671.2	5411312.1	33276.39844	332.44	0	48.854758	-86.936321	56245.66	56238.3	11.73	56257.38	56260.92188	56183.18277	56193.51563	504671.2	5411312.1
L4570.1	504671.2	5411310.7	33276.50000	335.20	0	48.854746	-86.936321	56246.92	56238.3	11.73	56258.65	56262.21484	56186.39659	56196.66406	504671.2	5411310.7
L4570.1	504671.2	5411310.7	33276.60156	335.34	0	48.854746	-86.936321	56248.36	56238.3	11.72	56260.08	56263.66797	56192.53183	56202.73047	504671.2	5411310.7
L4570.1	504671.2	5411308.7	33276.60156	335.34	0	48.854727	-86.936321	56249.63	56238.3	11.72	56261.36	56264.96875	56194.72708	56204.85938	504671.2	5411308.7
L4570.1	504671.2	5411308.7	33276.80078	335.25	0	48.854727	-86.936321	56250.96	56238.3	11.72	56262.68	56266.30859	56197.17621	56207.23438	504671.2	5411308.7
L4570.1	504671.2	5411308.7	33276.89844	333.28	0	48.854727	-86.936321	56251.80	56238.3	11.72	56263.52	56267.16797	56188.28568	56198.27344	504671.2	5411308.7
L4570.1	504671.2	5411306.8	33277.00000	332.02	0	48.854710	-86.936321	56253.21	56238.3	11.72	56264.93	56268.59766	56191.44470	56201.35547	504671.2	5411306.8
L4570.1	504671.2	5411305.1	33277.10156	334.76	0	48.854696	-86.936321	56254.56	56238.3	11.72	56266.28	56269.96484	56192.62353	56202.45313	504671.2	5411305.1
L4570.1	504671.2	5411303.7	33277.19922	332.18	0	48.854683	-86.936321	56256.42	56238.3	11.72	56268.14	56271.84375	56204.55854	56214.30469	504671.2	5411303.7
L4570.1	504671.2	5411303.7	33277.30078	331.76	0	48.854683	-86.936321	56257.64	56238.3	11.72	56269.36	56273.07813	56201.53975	56211.20313	504671.2	5411303.7
L4570.1	504671.2	5411301.9	33277.39844	333.66	0	48.854666	-86.936321	56259.27	56238.3	11.72	56270.99	56274.72266	56207.03739	56216.61328	504671.2	5411301.9
L4570.1	504671.2	5411301.9	33277.50000	333.87	0	48.854666	-86.936321	56261.13	56238.3	11.71	56272.84	56276.58984	56216.79790	56226.28516	504671.2	5411301.9
L4570.1	504671.2	5411299.8	33277.60156	332.93	0	48.854648	-86.936321	56262.78	56238.3	11.71	56274.49	56278.25391	56221.42497	56230.82031	504671.2	5411299.8
L4570.1	504671.2	5411298.5	33277.69922	329.80	0	48.854636	-86.936321	56264.23	56238.3	11.71	56275.94	56279.71484	56220.92337	56230.22266	504671.2	5411298.5
L4570.1	504671.2	5411298.5	33277.80078	331.56	0	48.854636	-86.936321	56265.69	56238.3	11.71	56277.40	56281.18750	56219.99675	56229.20313	504671.2	5411298.5
L4570.1	504671.2	5411296.9	33277.89844	329.76	0	48.854621	-86.936321	56267.50	56238.3	11.71	56279.21	56283.01172	56226.24227	56235.35156	504671.2	5411296.9
L4570.1	504671.1	5411295.0	33278.00000	329.39	0	48.854605	-86.936322	56268.90	56238.3	11.71	56280.61	56284.42188	56222.70243	56231.71094	504671.1	5411295.0
L4570.1	504671.1	5411293.6	33278.10156	331.10	0	48.854592	-86.936322	56270.56	56238.3	11.71	56282.27	56286.08984	56224.34390	56233.25000	504671.1	5411293.6
L4570.1	504671.1	5411293.6	33278.19922	331.18	0	48.854592	-86.936322	56272.38	56238.3	11.71	56284.09	56287.92188	56228.93888	56237.73828	504671.1	5411293.6
L4570.1	504671.1	5411292.2	33278.30078	334.18	0	48.854580	-86.936322	56274.29	56238.3	11.72	56286.00	56289.83984	56234.92967	56243.62500	504671.1	5411292.2
L4570.1	504671.1	5411292.2	33278.39844	334.06	0	48.854580	-86.936322	56276.07	56238.3	11.72	56287.78	56291.62891	56237.44235	56246.03516	504671.1	5411292.2
L4570.1	504671.1	5411290.8	33278.50000	333.60	0	48.854566	-86.936323	56277.96	56238.3	11.72	56289.68	56293.53516	56242.03526	56250.51563	504671.1	5411290.8
L4570.1	504671.0	5411288.9	33278.60156	334.18	0	48.854549	-86.936323	56279.82	56238.3	11.72	56291.54	56295.40234	56245.17340	56253.54297	504671.0	5411288.9
L4570.1	504671.0	5411287.7	33278.60156	334.18	0	48.854539	-86.936324	56281.44	56238.3	11.72	56293.16	56297.02734	56242.49568	56250.75391	504671.0	5411287.7
L4570.1	504671.0	5411287.7	33278.80078	332.90	0	48.854539	-86.936324	56283.22	56238.3	11.73	56294.95	56298.82031	56243.03254	56251.17969	504671.0	5411287.7
L4570.1	504671.0	5411286.0	33278.89844	331.39	0	48.854524	-86.936324	56285.32	56238.3	11.73	56297.04	56300.91797	56249.57785	56257.61328	504671.0	5411286.0
L4570.1	504671.0	5411284.6	33279.00000	332.05	0	48.854511	-86.936324	56287.50	56238.3	11.73	56299.23	56303.10938	56257.73191	56265.65234	504671.0	5411284.6
L4570.1	504671.0	5411283.2	33279.10156	331.76	0	48.854499	-86.936324	56289.66	56238.3	11.73	56301.39	56305.27344	56264.68240	56272.48438	504671.0	5411283.2
L4570.1	504670.9	5411281.8	33279.19922	333.83	0	48.854485	-86.936325	56291.79	56238.3	11.73	56303.53	56307.41797	56270.67283	56278.35938	504670.9	5411281.8
L4570.1	504670.9	5411281.8	33279.30078	331.82	0	48.854485	-86.936325	56293.57	56238.3	11.73	56305.31	56309.19922	56268.49548	56276.06641	504670.9	5411281.8
L4570.1	504670.9	5411280.3	33279.39844	333.19	0	48.854473	-86.936325	56295.57	56238.3	11.73	56307.31	56311.19922	56270.56982	56278.02734	504670.9	5411280.3
L4570.1	504670.9	5411280.3	33279.50000	329.43	0	48.854473	-86.936325	56297.61	56238.3	11.74	56309.35	56313.23828	56273.05540	56280.39453	504670.9	5411280.3
L4570.1	504670.9	5411278.5	33279.60156	330.36	0	48.854456	-86.936325	56299.93	56238.3	11.74	56311.67	56315.56250	56281.00683	56288.22656	504670.9	5411278.5
L4570.1	504670.9	5411276.7	33279.69922	328.77	0	48.854439	-86.936325	56301.95	56238.3	11.74	56313.69	56317.58203	56282.24574	56289.35156	504670.9	5411276.7
L4570.1	504670.9	5411276.7	33279.80078	327.57	0	48.854439	-86.936325	56304.12	56238.3	11.74	56315.86	56319.75000	56286.25232	56293.24219	504670.9	5411276.7
L4570.1	504670.9	5411274.8	33279.89844	326.21	0	48.854423	-86.936325	56306.41	56238.3	11.74	56318.15	56322.03906	56292.40238	56299.27734	504670.9	5411274.8
L4570.1	504670.9	5411273.6	33280.00000	326.20	0	48.854412	-86.936325	56308.84	56238.3	11.74	56320.58	56324.46484	56301.13039	56307.88672	504670.9	5411273.6
L4570.1	504670.9	5411271.9	33280.10156	327.88	0	48.854396	-86.936325	56311.27	56238.3	11.74	56323.01	56326.89453	56309.55712	56316.19922	504670.9	5411271.9
L4570.1	504670.9	5411271.9	33280.19922	329.02	0	48.854396	-86.936325	56313.44	56238.3	11.75	56325.19	56329.07422	56312.52776	56319.05469	504670.9	5411271.9
L4570.1	504670.9	5411270.3	33280.30078	327.23	0	48.854382	-86.936325	56315.75	56238.2	11.75	56327.51	56331.39063	56318.18721	56324.60156	504670.9	5411270.3
L4570.1	504670.9	5411268.9	33280.39844	326.65	0	48.854370	-86.936325	56317.81	56238.2	11.76	56329.56	56333.43750	56318.03074	56324.33594	504670.9	5411268.9
L4570.1	504670.9	5411268.9	33280.50000	330.54	0	48.854370	-86.936325	56319.94	56238.2	11.76	56331.70	56335.57422	56319.57940	56325.77344	504670.9	5411268.9
L4570.1	504670.9	5411267.5	33280.60156	330.78	0	48.854357	-86.936325	56322.04	56238.2	11.76	56333.80	56337.66797	56320.14813	56326.23047	504670.9	5411267.5
L4570.1	504670.9	5411266.1	33280.60156	330.78	0	48.854344	-86.936325	56324.34	56238.2	11.76	56336.10	56339.96484	56324.82345	56330.80078	504670.9	5411266.1
L4570.1	504670.9	5411264.7	33280.80078	329.31	0	48.854332	-86.936326	56326.63	56238.2	11.77	56338.40	56342.26172	56329.46263	56335.33594	504670.9	5411264.7
L4570.1	504670.9	5411264.7	33280.89844	331.67	0	48.854332	-86.936326	56328.82	56238.2	11.78	56340.60	56344.45703	56331.97155	56337.74219	504670.9	5411264.7
L4570.1	504670.9	5411262.8	33281.00000	330.85	0	48.854315	-86.936326	56330.99	56238.2	11.78	56342.77	56346.62109	56333.85567	56339.52344	504670.9	5411262.8
L4570.1	504670.9	5411262.8	33281.10156	331.63	0	48.854315	-86.936326	56333.34	56238.2	11.78	56345.12	56348.96875	56339.68922	56345.25781	504670.9	5411262.8
L4570.1	504670.9	5411261.1	33281.19922	331.40	0	48.854300	-86.936326	56335.72	56238.2	11.79	56347.51	56351.35156	56346.54225	56352.01563	504670.9	5411261.1
L4570.1	504670.8	5411259.5	33281.30078	333.02	0	48.854285	-86.936326	56337.81	56238.2	11.79	56349.60	56353.43750	56347.02022	56352.39844	504670.8	5411259.5
L4570.1	504670.8	5411258.1	33281.39844	331.41	0	48.854272	-86.936326	56339.92	56238.2	11.80	56351.72	56355.55078	56348.32532	56353.61328	504670.8	5411258.1
L4570.1	504670.8	5411258.1	33281.50000	334.29	0	48.854272	-86.936326	56342.61	56238.2	11.80	56354.41	56358.23828	56362.48523	56367.68750	504670.8	5411258.1
L4570.1	504670.8	5411255.9	33281.60156	332.76	0	48.854252	-86.936326	56345.00	56238.2	11.80	56356.80	56360.62109	56370.35017	56375.46484	504670.8	5411255.9
L4570.1	504670.8	5411254.3	33281.69922	333.14	0	48.854238	-86.936327	56347.36	56238.2	11.81	56359.16	56362.97656	56377.89978	56382.93359	504670.8	5411254.3
L4570.1	504670.8	5411254.3	33281.80078	333.15	0	48.854238	-86.936327	56349.14	56238.2	11.81	56360.95	56364.76172	56373.06655	56378.02344	504670.8	5411254.3
L4570.1	504670.8	5411252.4	33281.89844	332.46	0	48.854222	-86.936327	56351.31	56238.2	11.82	56363.13	56366.93750	56377.35680	56382.23828	504670.8	5411252.4
L4570.1	504670.8	5411252.4	33282.00000	333.95	0	48.854222	-86.936327	56353.58	56238.2	11.82	56365.40	56369.20313	56384.12218	56388.93359	504670.8	5411252.4
L4570.1	504670.8	5411250.3	33282.10156	335.45	0	48.854202	-86.936327	56355.95	56238.2	11.82	56367.76	56371.55859	56393.40362	56398.14844	504670.8	5411250.3
L4570.1	504670.8	5411248.9	33282.19922	335.22	0	48.854189	-86.936327	56358.23	56238.2	11.82	56370.05	56373.84375	56401.63914	56406.32031	504670.8	5411248.9
L4570.1	504670.8	5411248.9	33282.30078	332.45	0	48.854189	-86.936327	56360.49	56238.2	11.82	56372.31	56376.09766	56409.75889	56414.37891	504670.8	5411248.9
L4570.1	504670.7	5411247.1	33282.39844	333.24	0	48.854174	-86.936328	56362.43	56238.2	11.82	56374.25	56378.03516	56411.31894	56415.88672	504670.7	5411247.1
L4570.1	504670.7	5411247.1	33282.50000	332.92	0	48.854174	-86.936328	56364.81	56238.2	11.82	56376.63	56380.41016	56423.33282	56427.84766	504670.7	5411247.1
L4570.1	504670.7	5411245.4	33282.60156	333.85	0	48.854158	-86.936328	56367.34	56238.2	11.82	56379.16	56382.93750	56439.28744	56443.75391	504670.7	5411245.4
L4570.1	504670.7	5411244.1	33282.60156	333.85	0	48.854146	-86.936328	56369.43	56238.2	11.82	56381.25	56385.02344	56446.14006	56450.56641	504670.7	5411244.1
L4570.1	504670.7	5411242.7	33282.80078	333.15	0	48.854134	-86.936328	56371.37	56238.2	11.82	56383.19	56386.96094	56450.42013	56454.80859	504670.7	5411242.7
L4570.1	504670.7	5411242.7	33282.89844	331.03	0	48.854134	-86.936328	56373.23	56238.2	11.82	56385.05	56388.82031	56453.74169	56458.09766	504670.7	5411242.7
L4570.1	504670.7	5411241.3	33283.00000	330.09	0	48.854122	-86.936329	56375.14	56238.2	11.82	56386.96	56390.72656	56458.98751	56463.31250	504670.7	5411241.3
L4570.1	504670.7	5411239.7	33283.10156	332.31	0	48.854107	-86.936329	56377.29	56238.2	11.82	56389.11	56392.87500	56470.25192	56474.55469	504670.7	5411239.7
L4570.1	504670.7	5411238.1	33283.19922	331.98	0	48.854092	-86.936329	56379.43	56238.2	11.82	56391.25	56395.01172	56482.12813	56486.41016	504670.7	5411238.1
L4570.1	504670.7	5411238.1	33283.30078	329.07	0	48.854092	-86.936329	56381.27	56238.2	11.83	56393.10	56396.86328	56488.72469	56492.99219	504670.7	5411238.1
L4570.1	504670.6	5411236.6	33283.39844	326.41	0	48.854079	-86.936329	56383.18	56238.2	11.83	56395.01	56398.76953	56497.58025	56501.83984	504670.6	5411236.6
L4570.1	504670.6	5411235.5	33283.50000	327.01	0	48.854069	-86.936329	56384.79	56238.2	11.83	56396.62	56400.37891	56501.17904	56505.43359	504670.6	5411235.5
L4570.1	504670.6	5411235.5	33283.60156	329.84	0	48.854069	-86.936329	56386.73	56238.2	11.83	56398.56	56402.32031	56512.79438	56517.04688	504670.6	5411235.5
L4570.1	504670.6	5411233.8	33283.69922	328.85	0	48.854054	-86.936329	56388.34	56238.2	11.83	56400.17	56403.92969	56518.68510	56522.94531	504670.6	5411233.8
L4570.1	504670.6	5411233.8	33283.80078	330.10	0	48.854054	-86.936329	56390.07	56238.2	11.84	56401.91	56405.67188	56528.49563	56532.76563	504670.6	5411233.8
L4570.1	504670.6	5411231.7	33283.89844	327.90	0	48.854035	-86.936329	56392.19	56238.2	11.84	56404.03	56407.79297	56547.42364	56551.70703	504670.6	5411231.7
L4570.1	504670.6	5411230.1	33284.00000	327.00	0	48.854021	-86.936330	56393.62	56238.2	11.84	56405.46	56409.22656	56553.43530	56557.73828	504670.6	5411230.1
L4570.1	504670.6	5411228.4	33284.10156	327.92	0	48.854005	-86.936330	56395.20	56238.2	11.84	56407.05	56410.82031	56564.13487	56568.46484	504670.6	5411228.4
L4570.1	504670.6	5411228.4	33284.19922	329.03	0	48.854005	-86.936330	56396.38	56238.2	11.85	56408.23	56412.00000	56567.79329	56572.15234	504670.6	5411228.4
L4570.1	504670.6	5411226.7	33284.30078	327.12	0	48.853990	-86.936330	56397.91	56238.1	11.85	56409.76	56413.53516	56580.13909	56584.53125	504670.6	5411226.7
L4570.1	504670.6	5411225.3	33284.39844	326.49	0	48.853977	-86.936330	56399.01	56238.1	11.86	56410.87	56414.64844	56585.26757	56589.70313	504670.6	5411225.3
L4570.1	504670.6	5411223.9	33284.50000	325.46	0	48.853965	-86.936330	56400.28	56238.1	11.86	56412.14	56415.92188	56595.21785	56599.69531	504670.6	5411223.9
L4570.1	504670.6	5411223.9	33284.60156	326.54	0	48.853965	-86.936330	56401.53	56238.1	11.87	56413.40	56417.18750	56606.49208	56611.01953	504670.6	5411223.9
L4570.1	504670.6	5411222.7	33284.60156	326.54	0	48.853954	-86.936330	56402.48	56238.1	11.87	56414.35	56418.14453	56612.78285	56617.36328	504670.6	5411222.7
L4570.1	504670.6	5411221.2	33284.80078	329.79	0	48.853941	-86.936330	56403.32	56238.1	11.88	56415.20	56419.00000	56618.43927	56623.07813	504670.6	5411221.2
L4570.1	504670.6	5411219.9	33284.89844	331.88	0	48.853929	-86.936330	56404.11	56238.1	11.89	56416.00	56419.80469	56624.48510	56629.18750	504670.6	5411219.9
L4570.1	504670.6	5411219.9	33285.00000	332.50	0	48.853929	-86.936330	56404.80	56238.1	11.89	56416.69	56420.50391	56629.61195	56634.38281	504670.6	5411219.9

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4570.1	504670.6	5411218.6	33285.10156	332.21	0	48.853917	-86.936330	56405.44	56238.1	11.89	56417.33	56421.15234	56635.06575	56639.90625	504670.6	5411218.6
L4570.1	504670.6	5411217.1	33285.19922	331.97	0	48.853903	-86.936330	56406.05	56238.1	11.89	56417.94	56421.76953	56641.24287	56646.16016	504670.6	5411217.1
L4570.1	504670.6	5411215.8	33285.30078	333.43	0	48.853891	-86.936330	56406.64	56238.1	11.89	56418.53	56422.36719	56648.32598	56653.32422	504670.6	5411215.8
L4570.1	504670.5	5411214.1	33285.39844	333.37	0	48.853877	-86.936331	56407.38	56238.1	11.89	56419.27	56423.11719	56659.98891	56665.07422	504670.5	5411214.1
L4570.1	504670.5	5411214.1	33285.50000	334.80	0	48.853877	-86.936331	56407.71	56238.1	11.90	56419.60	56423.45703	56663.97357	56669.14453	504670.5	5411214.1
L4570.1	504670.5	5411212.3	33285.60156	334.76	0	48.853860	-86.936331	56408.04	56238.1	11.90	56419.93	56423.79688	56669.16069	56674.42578	504670.5	5411212.3
L4570.1	504670.5	5411212.3	33285.69922	335.61	0	48.853860	-86.936331	56407.86	56238.1	11.90	56419.76	56423.63672	56664.52802	56669.88672	504670.5	5411212.3
L4570.1	504670.5	5411210.6	33285.80078	333.72	0	48.853845	-86.936331	56408.27	56238.1	11.90	56420.17	56424.05469	56673.75231	56679.21094	504670.5	5411210.6
L4570.1	504670.5	5411208.9	33285.89844	331.44	0	48.853830	-86.936331	56408.29	56238.1	11.90	56420.19	56424.08594	56675.49602	56681.05859	504670.5	5411208.9
L4570.1	504670.5	5411207.5	33286.00000	329.53	0	48.853817	-86.936331	56408.14	56238.1	11.90	56420.04	56423.94922	56674.58242	56680.25391	504670.5	5411207.5
L4570.1	504670.5	5411207.5	33286.10156	327.82	0	48.853817	-86.936331	56407.98	56238.1	11.90	56419.89	56423.81250	56674.73257	56680.51172	504670.5	5411207.5
L4570.1	504670.5	5411205.8	33286.19922	328.06	0	48.853802	-86.936331	56407.45	56238.1	11.90	56419.36	56423.29297	56667.63396	56673.52734	504670.5	5411205.8
L4570.1	504670.5	5411203.9	33286.30078	329.54	0	48.853785	-86.936331	56407.32	56238.1	11.91	56419.23	56423.17578	56670.33320	56676.33984	504670.5	5411203.9
L4570.1	504670.5	5411202.5	33286.39844	328.86	0	48.853772	-86.936331	56406.62	56238.1	11.91	56418.53	56422.48828	56661.68794	56667.81250	504670.5	5411202.5
L4570.1	504670.5	5411202.5	33286.50000	332.08	0	48.853772	-86.936331	56406.38	56238.1	11.91	56418.29	56422.26172	56664.07711	56670.32422	504670.5	5411202.5
L4570.1	504670.5	5411200.8	33286.60156	331.27	0	48.853757	-86.936331	56405.62	56238.1	11.91	56417.53	56421.51172	56656.26194	56662.63281	504670.5	5411200.8
L4570.1	504670.5	5411200.8	33286.60156	331.27	0	48.853757	-86.936331	56405.26	56238.1	11.91	56417.17	56421.16797	56658.07593	56664.57031	504670.5	5411200.8
L4570.1	504670.5	5411199.0	33286.80078	332.38	0	48.853741	-86.936331	56404.36	56238.1	11.92	56416.28	56420.28906	56649.52670	56656.14453	504670.5	5411199.0
L4570.1	504670.5	5411199.0	33286.89844	330.70	0	48.853741	-86.936331	56403.42	56238.1	11.92	56415.34	56419.36328	56640.92669	56647.67578	504670.5	5411199.0
L4570.1	504670.5	5411197.6	33287.00000	329.44	0	48.853728	-86.936331	56402.53	56238.1	11.92	56414.45	56418.48828	56634.35849	56641.23828	504670.5	5411197.6
L4570.1	504670.5	5411195.7	33287.10156	329.89	0	48.853711	-86.936331	56401.38	56238.1	11.92	56413.30	56417.35156	56623.17931	56630.18750	504670.5	5411195.7
L4570.1	504670.5	5411194.3	33287.19922	328.65	0	48.853698	-86.936331	56400.46	56238.1	11.92	56412.38	56416.44531	56617.70358	56624.84375	504670.5	5411194.3
L4570.1	504670.6	5411192.9	33287.30078	330.85	0	48.853686	-86.936331	56399.34	56238.1	11.92	56411.26	56415.33594	56608.77856	56616.05078	504670.6	5411192.9
L4570.1	504670.6	5411192.9	33287.39844	329.19	0	48.853686	-86.936331	56398.37	56238.1	11.92	56410.29	56414.37891	56603.71073	56611.11719	504670.6	5411192.9
L4570.1	504670.6	5411191.2	33287.50000	329.57	0	48.853671	-86.936331	56396.63	56238.1	11.93	56408.56	56412.66406	56583.33358	56590.87500	504670.6	5411191.2
L4570.1	504670.6	5411191.2	33287.60156	326.10	0	48.853671	-86.936331	56395.08	56238.1	11.93	56407.00	56411.11719	56567.10869	56574.78125	504670.6	5411191.2
L4570.1	504670.6	5411189.3	33287.69922	327.17	0	48.853654	-86.936330	56393.70	56238.1	11.93	56405.62	56409.75000	56555.14735	56562.95313	504670.6	5411189.3
L4570.1	504670.6	5411188.1	33287.80078	327.96	0	48.853643	-86.936330	56392.22	56238.1	11.93	56404.15	56408.29297	56541.71122	56549.64844	504670.6	5411188.1
L4570.1	504670.6	5411186.1	33287.89844	329.97	0	48.853625	-86.936330	56390.91	56238.1	11.93	56402.84	56406.99609	56531.94013	56540.01172	504670.6	5411186.1
L4570.1	504670.6	5411186.1	33288.00000	329.53	0	48.853625	-86.936330	56389.34	56238.1	11.93	56401.27	56405.43750	56516.98638	56525.19141	504670.6	5411186.1
L4570.1	504670.7	5411184.5	33288.10156	330.03	0	48.853611	-86.936329	56388.08	56238.1	11.93	56400.01	56404.18750	56508.67123	56517.00391	504670.7	5411184.5
L4570.1	504670.7	5411184.5	33288.19922	330.00	0	48.853611	-86.936329	56386.32	56238.1	11.93	56398.26	56402.44922	56490.22821	56498.69141	504670.7	5411184.5
L4570.1	504670.7	5411182.8	33288.30078	329.75	0	48.853595	-86.936329	56384.46	56238.1	11.94	56396.39	56400.58984	56469.30533	56477.89453	504670.7	5411182.8
L4570.1	504670.7	5411181.1	33288.39844	329.02	0	48.853580	-86.936329	56382.49	56238.1	11.94	56394.43	56398.64063	56446.46087	56455.17578	504670.7	5411181.1
L4570.1	504670.7	5411181.1	33288.50000	329.26	0	48.853580	-86.936329	56380.50	56238.1	11.94	56392.44	56396.66016	56422.88255	56431.72266	504670.7	5411181.1
L4570.1	504670.7	5411179.3	33288.60156	331.99	0	48.853564	-86.936329	56378.36	56238.1	11.94	56390.30	56394.52734	56396.01502	56404.97656	504670.7	5411179.3
L4570.1	504670.7	5411177.3	33288.60156	331.99	0	48.853546	-86.936329	56376.88	56238.1	11.94	56388.82	56393.05859	56382.64620	56391.72656	504670.7	5411177.3
L4570.1	504670.7	5411177.3	33288.80078	332.87	0	48.853546	-86.936329	56375.45	56238.1	11.95	56387.40	56391.64453	56370.22321	56379.42188	504670.7	5411177.3
L4570.1	504670.7	5411175.9	33288.89844	329.85	0	48.853533	-86.936329	56373.74	56238.1	11.95	56385.69	56389.94141	56351.42822	56360.73828	504670.7	5411175.9
L4570.1	504670.7	5411174.2	33289.00000	328.32	0	48.853518	-86.936329	56371.85	56238.1	11.95	56383.80	56388.05859	56328.50843	56337.92969	504670.7	5411174.2
L4570.1	504670.7	5411172.6	33289.10156	327.79	0	48.853504	-86.936329	56369.54	56238	11.95	56381.49	56385.75391	56296.47106	56306.00000	504670.7	5411172.6
L4570.1	504670.7	5411172.6	33289.19922	329.03	0	48.853504	-86.936329	56368.10	56238	11.95	56380.05	56384.31641	56281.91695	56291.54688	504670.7	5411172.6
L4570.1	504670.7	5411170.7	33289.30078	331.09	0	48.853486	-86.936329	56366.55	56238	11.96	56378.50	56382.76953	56264.51882	56274.25000	504670.7	5411170.7
L4570.1	504670.7	5411170.7	33289.39844	332.37	0	48.853486	-86.936329	56365.19	56238	11.96	56377.15	56381.42188	56250.60378	56260.42969	504670.7	5411170.7
L4570.1	504670.7	5411169.0	33289.50000	332.96	0	48.853471	-86.936329	56363.71	56238	11.96	56375.67	56379.94141	56233.32623	56243.24219	504670.7	5411169.0
L4570.1	504670.7	5411167.3	33289.60156	332.20	0	48.853456	-86.936329	56362.48	56238	11.96	56374.45	56378.72266	56220.62721	56230.62891	504670.7	5411167.3
L4570.1	504670.7	5411167.3	33289.69922	328.65	0	48.853456	-86.936329	56361.21	56238	11.96	56373.17	56377.43750	56205.87416	56215.95703	504670.7	5411167.3
L4570.1	504670.7	5411166.0	33289.80078	328.85	0	48.853444	-86.936329	56359.53	56238	11.97	56371.49	56375.75781	56182.07430	56192.23438	504670.7	5411166.0
L4570.1	504670.7	5411164.7	33289.89844	328.59	0	48.853432	-86.936329	56358.50	56238	11.97	56370.47	56374.73047	56170.77575	56181.00781	504670.7	5411164.7
L4570.1	504670.7	5411163.0	33290.00000	326.38	0	48.853417	-86.936329	56357.16	56238	11.97	56369.13	56373.38672	56151.92262	56162.22266	504670.7	5411163.0
L4570.1	504670.7	5411163.0	33290.10156	326.08	0	48.853417	-86.936329	56356.70	56238	11.97	56368.66	56372.91016	56149.65063	56160.01172	504670.7	5411163.0
L4570.1	504670.7	5411161.1	33290.19922	326.50	0	48.853400	-86.936329	56355.64	56238	11.97	56367.61	56371.85156	56134.40436	56144.81641	504670.7	5411161.1
L4570.1	504670.7	5411159.4	33290.30078	326.69	0	48.853385	-86.936329	56355.37	56238	11.97	56367.33	56371.55859	56133.55502	56144.01563	504670.7	5411159.4
L4570.1	504670.7	5411159.4	33290.39844	328.74	0	48.853385	-86.936329	56354.39	56238	11.97	56366.36	56370.57813	56117.38278	56127.88672	504670.7	5411159.4
L4570.1	504670.7	5411157.5	33290.50000	330.66	0	48.853368	-86.936329	56353.94	56238	11.96	56365.90	56370.10547	56110.25459	56120.79688	504670.7	5411157.5
L4570.1	504670.7	5411157.5	33290.60156	330.24	0	48.853368	-86.936329	56353.37	56238	11.96	56365.33	56369.51953	56099.52238	56110.09375	504670.7	5411157.5
L4570.1	504670.7	5411155.3	33290.60156	330.24	0	48.853348	-86.936329	56353.12	56238	11.96	56365.08	56369.25391	56093.92655	56104.51953	504670.7	5411155.3
L4570.1	504670.7	5411153.8	33290.80078	329.20	0	48.853334	-86.936329	56353.04	56238	11.96	56365.00	56369.15234	56090.41084	56101.02344	504670.7	5411153.8
L4570.1	504670.7	5411153.8	33290.89844	326.35	0	48.853334	-86.936329	56352.69	56238	11.96	56364.65	56368.78125	56079.93842	56090.55859	504670.7	5411153.8
L4570.1	504670.7	5411152.5	33291.00000	327.96	0	48.853322	-86.936329	56353.73	56238	11.96	56365.69	56369.80078	56096.70574	56107.33203	504670.7	5411152.5
L4570.1	504670.7	5411150.6	33291.10156	325.29	0	48.853305	-86.936329	56354.60	56238	11.96	56366.56	56370.64453	56108.70041	56119.32031	504670.7	5411150.6
L4570.1	504670.7	5411150.6	33291.19922	328.25	0	48.853305	-86.936329	56355.27	56238	11.96	56367.23	56371.28906	56115.27225	56125.87891	504670.7	5411150.6
L4570.1	504670.7	5411149.0	33291.30078	328.41	0	48.853291	-86.936329	56355.54	56238	11.96	56367.51	56371.53906	56112.42988	56123.01953	504670.7	5411149.0
L4570.1	504670.7	5411147.5	33291.39844	331.31	0	48.853277	-86.936330	56356.59	56238	11.96	56368.55	56372.54688	56124.12833	56134.69141	504670.7	5411147.5
L4570.1	504670.6	5411145.8	33291.50000	330.19	0	48.853262	-86.936330	56357.41	56238	11.96	56369.37	56373.33594	56129.98327	56140.51172	504670.6	5411145.8
L4570.1	504670.6	5411145.8	33291.60156	330.59	0	48.853262	-86.936330	56358.50	56238	11.97	56370.47	56374.39844	56140.44214	56150.92969	504670.6	5411145.8
L4570.1	504670.6	5411144.3	33291.69922	330.44	0	48.853248	-86.936330	56360.04	56238	11.97	56372.00	56375.89063	56158.70130	56169.13672	504670.6	5411144.3
L4570.1	504670.6	5411144.3	33291.80078	332.76	0	48.853248	-86.936330	56361.52	56238	11.97	56373.49	56377.33984	56174.89603	56185.27344	504670.6	5411144.3
L4570.1	504670.6	5411142.3	33291.89844	332.37	0	48.853231	-86.936330	56362.84	56238	11.97	56374.81	56378.62109	56186.26512	56196.57422	504670.6	5411142.3
L4570.1	504670.6	5411142.3	33292.00000	331.84	0	48.853231	-86.936330	56363.30	56238	11.97	56375.27	56379.03516	56178.22673	56188.46484	504670.6	5411142.3
L4570.1	504670.6	5411140.3	33292.10156	333.59	0	48.853213	-86.936330	56364.45	56238	11.97	56376.42	56380.13672	56183.48224	56193.63672	504670.6	5411140.3
L4570.1	504670.6	5411138.8	33292.19922	331.25	0	48.853199	-86.936330	56365.39	56238	11.97	56377.36	56381.02734	56183.05723	56193.12109	504670.6	5411138.8
L4570.1	504670.6	5411137.4	33292.30078	331.25	0	48.853187	-86.936330	56367.82	56238	11.97	56379.79	56383.40625	56212.90375	56222.86719	504670.6	5411137.4
L4570.1	504670.6	5411137.4	33292.39844	329.77	0	48.853187	-86.936330	56369.88	56238	11.97	56381.85	56385.41016	56233.74179	56243.60156	504670.6	5411137.4
L4570.1	504670.7	5411135.6	33292.50000	327.92	0	48.853170	-86.936330	56372.41	56238	11.97	56384.38	56387.88281	56263.35489	56273.10156	504670.7	5411135.6
L4570.1	504670.7	5411134.5	33292.60156	329.15	0	48.853161	-86.936330	56374.56	56238	11.97	56386.53	56389.97266	56283.79208	56293.41406	504670.7	5411134.5
L4570.1	504670.7	5411134.5	33292.60156	329.15	0	48.853161	-86.936330	56376.44	56238	11.97	56388.41	56391.78906	56297.40550	56306.89453	504670.7	5411134.5
L4570.1	504670.7	5411132.4	33292.80078	329.29	0	48.853141	-86.936330	56378.18	56238	11.97	56390.15	56393.46484	56306.97957	56316.32813	504670.7	5411132.4
L4570.1	504670.7	5411130.9	33292.89844	329.91	0	48.853128	-86.936330	56379.64	56238	11.97	56391.61	56394.85547	56309.60955	56318.81250	504670.7	5411130.9
L4570.1	504670.7	5411129.5	33293.00000	329.06	0	48.853115	-86.936329	56381.98	56238	11.97	56393.95	56397.12500	56329.77071	56338.81641	504670.7	5411129.5
L4570.1	504670.7	5411128.1	33293.10156	329.64	0	48.853103	-86.936329	56384.07	56238	11.97	56396.04	56399.14453	56343.68034	56352.56250	504670.7	5411128.1
L4570.1	504670.7	5411128.1	33293.19922	329.98	0	48.853103	-86.936329	56386.84	56238	11.97	56398.81	56401.83594	56370.90104	56379.60938	504670.7	5411128.1
L4570.1	504670.7	5411126.0	33293.30078	331.78	0	48.853084	-86.936329	56389.03	56238	11.97	56401.00	56403.94922	56385.03180	56393.55859	504670.7	5411126.0
L4570.1	504670.7	5411126.0	33293.39844	330.16	0	48.853084	-86.936329	56391.68	56238	11.97	56403.65	56406.51563	56407.91130	56416.25000	504670.7	5411126.0
L4570.1	504670.8	5411124.4	33293.50000	330.56	0	48.853069	-86.936329	56393.90	56238	11.97	56405.87	56408.65234	56420.99136	56429.13672	504670.8	5411124.4
L4570.1	504670.8	5411122.5	33293.60156	329.03	0	48.853052	-86.936328	56396.07	56238	11.97	56408.04	56410.73438	56432.28458	56440.22266	504670.8	5411122.5
L4570.1	504670.8	5411122.5	33293.69922	330.88	0	48.853052	-86.936328	56398.12	56238	11.97	56410.09	56412.69141	56440.40491	56448.12891	504670.8	5411122.5
L4570.1	504670.8	5411121.1	33293.80078	330.69	0	48.853040	-86.936328	56400.03	56238	11.97	56412.00	56414.50781	56445.01479	56452.51953	504670.8	5411121.1
L4570.1	504670.8	5411119.5	33293.89844	331.13	0	48.853026	-86.936328	56402.38	56238	11.97	56414.35	56416.76172	56458.17174	56465.44922	504670.8	5411119.5
L4570.1	504670.8	5411119.5	33294.00000	329.72	0	48.853026	-86.936328	56404.19	56238	11.97	56416.16	56418.47266	56459.68136	56466.72656	504670.8	5411119.5
L4570.1	504670.8	5411117.8	33294.10156	329.32	0	48.853011	-86.936328	56406.58	56238	11.97	56418.55	56420.76172	56472.70896	56479.50781	504670.8	5411117.8
L4570.1	504670.8	5411116.4	33294.19922	329.91	0	48.852998	-86.936328	56408.83	56238	11.97	56420.80	56422.90625	56482.46214	56489.01172	504670.8	5411116.4
L4570.1	504670.8	5411116.4	33294.30078	328.60	0	48.852998	-86.936328	56411.69	56238	11.97	56423.66	56425.65625	56504.38937	56510.68359	504670.8	5411116.4

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4570.1	504670.8	5411114.8	33294.39844	325.60	0	48.852983	-86.936328	56414.14	56238	11.97	56426.11	56427.99609	56517.61401	56523.64453	504670.8	5411114.8
L4570.1	504670.8	5411113.0	33294.50000	327.08	0	48.852967	-86.936328	56416.59	56238	11.97	56428.56	56430.33203	56530.61521	56536.37500	504670.8	5411113.0
L4570.1	504670.8	5411111.6	33294.60156	326.77	0	48.852955	-86.936328	56418.53	56238	11.97	56430.50	56432.15625	56533.05492	56538.53516	504670.8	5411111.6
L4570.1	504670.8	5411111.6	33294.60156	326.77	0	48.852955	-86.936328	56420.57	56238	11.97	56432.54	56434.07422	56537.46496	56542.66016	504670.8	5411111.6
L4570.1	504670.8	5411109.5	33294.80078	329.61	0	48.852936	-86.936328	56422.56	56238	11.97	56434.53	56435.94141	56540.84502	56545.75000	504670.8	5411109.5
L4570.1	504670.8	5411109.5	33294.89844	328.65	0	48.852936	-86.936328	56424.56	56238	11.97	56436.53	56437.81641	56544.47888	56549.08594	504670.8	5411109.5
L4570.1	504670.8	5411107.9	33295.00000	326.57	0	48.852921	-86.936328	56426.85	56238	11.97	56438.82	56439.98047	56554.11969	56558.42578	504670.8	5411107.9
L4570.1	504670.8	5411107.9	33295.10156	328.29	0	48.852921	-86.936328	56428.89	56238	11.97	56440.86	56441.88672	56558.84406	56562.83984	504670.8	5411107.9
L4570.1	504670.8	5411104.6	33295.19922	328.53	0	48.852891	-86.936328	56430.91	56238	11.97	56442.88	56443.77344	56563.39393	56567.07422	504670.8	5411104.6
L4570.1	504670.8	5411104.6	33295.30078	330.86	0	48.852891	-86.936328	56432.77	56238	11.97	56444.74	56445.49609	56564.97803	56568.33984	504670.8	5411104.6
L4570.1	504670.8	5411104.6	33295.39844	330.00	0	48.852891	-86.936328	56434.71	56238	11.97	56446.68	56447.29297	56568.53218	56571.57031	504670.8	5411104.6
L4570.1	504670.9	5411102.6	33295.50000	329.92	0	48.852874	-86.936328	56436.86	56238	11.97	56448.83	56449.30078	56576.77214	56579.47656	504670.9	5411102.6
L4570.1	504670.9	5411101.2	33295.60156	329.77	0	48.852861	-86.936328	56439.07	56238	11.97	56451.04	56451.36328	56586.70322	56589.07422	504670.9	5411101.2
L4570.1	504670.9	5411099.6	33295.69922	329.53	0	48.852847	-86.936327	56440.66	56238	11.97	56452.63	56452.80469	56584.37352	56586.40234	504670.9	5411099.6
L4570.1	504670.9	5411099.6	33295.80078	330.69	0	48.852847	-86.936327	56442.70	56238	11.97	56454.67	56454.69531	56591.81029	56593.49609	504670.9	5411099.6
L4570.1	504670.9	5411098.0	33295.89844	329.69	0	48.852832	-86.936327	56444.43	56238	11.97	56456.40	56456.26953	56593.37415	56594.71094	504670.9	5411098.0
L4570.1	504670.9	5411096.4	33296.00000	329.09	0	48.852818	-86.936327	56446.20	56238	11.97	56458.17	56457.88281	56596.31780	56597.30078	504670.9	5411096.4
L4570.1	504670.9	5411096.4	33296.10156	329.52	0	48.852818	-86.936327	56447.65	56238	11.97	56459.62	56459.17188	56593.12898	56593.75391	504670.9	5411096.4
L4570.1	504670.9	5411095.0	33296.19922	330.09	0	48.852805	-86.936327	56449.43	56238	11.97	56461.40	56460.78906	56597.44491	56597.70703	504670.9	5411095.0
L4570.1	504670.9	5411093.2	33296.30078	331.52	0	48.852789	-86.936327	56451.17	56238	11.97	56463.14	56462.36328	56601.56183	56601.46094	504670.9	5411093.2
L4570.1	504670.9	5411093.2	33296.39844	330.82	0	48.852789	-86.936327	56452.63	56238	11.97	56464.60	56463.65625	56600.37326	56599.90625	504670.9	5411093.2
L4570.1	504670.9	5411091.6	33296.50000	329.57	0	48.852774	-86.936327	56454.23	56238	11.97	56466.20	56465.08594	56602.79830	56601.96094	504670.9	5411091.6
L4570.1	504670.9	5411089.8	33296.60156	330.39	0	48.852758	-86.936327	56455.58	56238	11.97	56467.55	56466.26172	56600.50732	56599.29688	504670.9	5411089.8
L4570.1	504670.9	5411089.8	33296.60156	330.39	0	48.852758	-86.936327	56457.45	56238	11.97	56469.42	56467.95313	56610.08633	56608.49609	504670.9	5411089.8
L4570.1	504670.9	5411088.3	33296.80078	330.35	0	48.852745	-86.936327	56458.68	56238	11.97	56470.65	56469.00391	56606.51814	56604.55078	504670.9	5411088.3
L4570.1	504670.9	5411086.6	33296.89844	331.80	0	48.852729	-86.936327	56459.90	56238	11.97	56471.87	56470.04297	56603.37743	56601.03125	504670.9	5411086.6
L4570.1	504670.9	5411086.6	33297.00000	332.87	0	48.852729	-86.936327	56461.36	56238	11.97	56473.33	56471.32031	56606.14774	56603.41797	504670.9	5411086.6
L4570.1	504670.9	5411085.0	33297.10156	332.66	0	48.852715	-86.936327	56462.70	56238	11.97	56474.67	56472.47656	56607.00022	56603.88672	504670.9	5411085.0
L4570.1	504670.9	5411083.4	33297.19922	336.38	0	48.852701	-86.936327	56463.93	56238	11.97	56475.90	56473.51563	56606.14354	56602.64453	504670.9	5411083.4
L4570.1	504670.9	5411081.9	33297.30078	334.65	0	48.852688	-86.936327	56465.23	56238	11.97	56477.20	56474.62500	56607.53210	56603.64453	504670.9	5411081.9
L4570.1	504670.9	5411081.9	33297.39844	333.75	0	48.852688	-86.936327	56466.20	56238	11.97	56478.17	56475.40234	56602.36406	56598.08984	504670.9	5411081.9
L4570.1	504670.9	5411080.0	33297.50000	333.99	0	48.852670	-86.936328	56467.48	56238	11.97	56479.45	56476.48828	56604.73313	56600.07031	504670.9	5411080.0
L4570.1	504670.9	5411078.3	33297.60156	332.14	0	48.852655	-86.936328	56468.57	56238	11.97	56480.54	56477.37891	56603.62200	56598.57031	504670.9	5411078.3
L4570.1	504670.9	5411078.3	33297.69922	331.91	0	48.852655	-86.936328	56469.67	56238	11.97	56481.64	56478.28125	56603.43329	56597.98828	504670.9	5411078.3
L4570.1	504670.8	5411076.8	33297.80078	333.25	0	48.852642	-86.936328	56470.54	56238	11.97	56482.51	56478.94922	56598.88423	56593.05078	504670.8	5411076.8
L4570.1	504670.8	5411075.2	33297.89844	333.61	0	48.852627	-86.936328	56471.66	56238	11.97	56483.63	56479.86328	56600.52785	56594.30469	504670.8	5411075.2
L4570.1	504670.8	5411075.2	33298.00000	331.14	0	48.852627	-86.936328	56472.45	56238	11.97	56484.42	56480.44922	56595.63332	56589.01953	504670.8	5411075.2
L4570.1	504670.8	5411073.5	33298.10156	330.89	0	48.852612	-86.936328	56473.66	56238	11.97	56485.63	56481.44922	56600.61089	56593.60938	504670.8	5411073.5
L4570.1	504670.8	5411073.5	33298.19922	330.22	0	48.852612	-86.936328	56474.68	56238	11.98	56486.65	56482.26172	56602.10489	56594.71094	504670.8	5411073.5
L4570.1	504670.8	5411071.6	33298.30078	329.87	0	48.852595	-86.936329	56475.67	56238	11.98	56487.65	56483.05078	56603.82802	56596.04688	504670.8	5411071.6
L4570.1	504670.8	5411070.1	33298.39844	331.62	0	48.852581	-86.936329	56476.34	56238	11.98	56488.32	56483.50391	56599.09336	56590.92578	504670.8	5411070.1
L4570.1	504670.8	5411068.3	33298.50000	329.47	0	48.852565	-86.936329	56476.89	56238	11.99	56488.88	56483.85156	56592.69977	56584.14844	504670.8	5411068.3
L4570.1	504670.8	5411067.1	33298.60156	331.26	0	48.852554	-86.936329	56477.66	56238	11.99	56489.65	56484.40234	56591.50292	56582.56641	504670.8	5411067.1
L4570.1	504670.8	5411067.1	33298.60156	331.26	0	48.852554	-86.936329	56478.14	56238	11.99	56490.13	56484.66406	56584.78088	56575.46094	504670.8	5411067.1
L4570.1	504670.8	5411066.0	33298.80078	329.58	0	48.852544	-86.936329	56478.68	56238	11.99	56490.67	56484.98438	56580.00091	56570.30078	504670.8	5411066.0
L4570.1	504670.8	5411064.5	33298.89844	328.14	0	48.852531	-86.936329	56479.02	56238	12.00	56491.01	56485.10156	56571.62681	56561.54688	504670.8	5411064.5
L4570.1	504670.8	5411062.9	33299.00000	331.49	0	48.852516	-86.936329	56480.14	56238	12.00	56492.14	56486.01172	56580.55840	56570.10156	504670.8	5411062.9
L4570.1	504670.8	5411062.9	33299.10156	329.22	0	48.852516	-86.936329	56480.85	56238	12.00	56492.85	56486.49609	56581.17054	56570.33984	504670.8	5411062.9
L4570.1	504670.7	5411060.7	33299.19922	329.20	0	48.852497	-86.936330	56481.97	56238	12.00	56493.97	56487.39063	56590.94921	56579.74609	504670.7	5411060.7
L4570.1	504670.7	5411060.7	33299.30078	325.77	0	48.852497	-86.936330	56481.89	56238	12.00	56493.89	56487.08203	56575.99634	56564.42188	504670.7	5411060.7
L4570.1	504670.7	5411059.1	33299.39844	329.59	0	48.852482	-86.936330	56482.66	56238	12.00	56494.66	56487.62500	56579.40834	56567.46875	504670.7	5411059.1
L4570.1	504670.7	5411059.1	33299.50000	328.68	0	48.852482	-86.936330	56482.71	56238	12.00	56494.71	56487.44531	56568.12114	56555.82031	504670.7	5411059.1
L4570.1	504670.7	5411057.0	33299.60156	329.54	0	48.852464	-86.936330	56483.56	56238	11.99	56495.55	56488.05469	56573.86844	56561.20313	504670.7	5411057.0
L4570.1	504670.7	5411055.5	33299.69922	330.09	0	48.852450	-86.936330	56483.66	56238	11.99	56495.65	56487.92188	56564.39841	56551.37500	504670.7	5411055.5
L4570.1	504670.7	5411055.5	33299.80078	329.25	0	48.852450	-86.936330	56484.40	56238	11.99	56496.39	56488.42969	56568.77275	56555.39844	504670.7	5411055.5
L4570.1	504670.7	5411053.7	33299.89844	331.77	0	48.852433	-86.936330	56484.84	56238	11.99	56496.83	56488.63672	56567.12596	56553.40234	504670.7	5411053.7
L4570.1	504670.7	5411052.2	33300.00000	333.86	0	48.852420	-86.936330	56484.91	56238	11.99	56496.90	56488.47266	56557.89418	56543.82031	504670.7	5411052.2
L4570.1	504670.7	5411050.8	33300.10156	333.41	0	48.852408	-86.936330	56485.49	56238	11.99	56497.48	56488.81641	56559.73359	56545.31641	504670.7	5411050.8
L4570.1	504670.7	5411049.8	33300.19922	334.52	0	48.852398	-86.936330	56485.57	56238	11.99	56497.56	56488.66016	56551.11297	56536.35547	504670.7	5411049.8
L4570.1	504670.7	5411049.8	33300.30078	333.84	0	48.852398	-86.936330	56486.36	56238	11.99	56498.35	56489.21484	56557.86154	56542.76953	504670.7	5411049.8
L4570.1	504670.7	5411048.0	33300.39844	332.12	0	48.852382	-86.936330	56485.90	56238	11.99	56497.89	56488.51563	56537.89392	56522.47266	504670.7	5411048.0
L4570.1	504670.7	5411048.0	33300.50000	331.95	0	48.852382	-86.936330	56486.90	56238	11.99	56498.88	56489.26953	56549.25749	56533.50781	504670.7	5411048.0
L4570.1	504670.7	5411046.3	33300.60156	331.59	0	48.852367	-86.936330	56486.85	56238	11.98	56498.83	56488.98047	56538.24120	56522.16797	504670.7	5411046.3
L4570.1	504670.7	5411044.8	33300.60156	331.59	0	48.852354	-86.936331	56487.56	56238	11.98	56499.55	56489.46094	56543.98476	56527.59375	504670.7	5411044.8
L4570.1	504670.7	5411044.8	33300.80078	330.31	0	48.852354	-86.936331	56487.36	56238	11.98	56499.34	56489.01563	56529.49988	56512.79297	504670.7	5411044.8
L4570.1	504670.7	5411041.7	33300.89844	330.44	0	48.852325	-86.936331	56487.95	56238	11.98	56499.93	56489.36719	56532.47468	56515.46094	504670.7	5411041.7
L4570.1	504670.7	5411041.7	33301.00000	331.64	0	48.852325	-86.936331	56488.38	56238	11.98	56500.36	56489.55469	56531.95297	56514.63281	504670.7	5411041.7
L4570.1	504670.7	5411040.3	33301.10156	331.67	0	48.852313	-86.936331	56488.64	56238	11.98	56500.62	56489.57813	56527.66542	56510.04688	504670.7	5411040.3
L4570.1	504670.7	5411040.3	33301.19922	332.95	0	48.852313	-86.936331	56489.84	56238	11.98	56501.82	56490.53906	56544.06049	56526.14453	504670.7	5411040.3
L4570.1	504670.7	5411038.1	33301.30078	331.93	0	48.852294	-86.936331	56489.76	56238	11.99	56501.74	56490.21875	56532.16405	56513.95703	504670.7	5411038.1
L4570.1	504670.7	5411038.1	33301.39844	334.33	0	48.852294	-86.936331	56490.22	56238	11.99	56502.21	56490.44922	56532.32707	56513.83594	504670.7	5411038.1
L4570.1	504670.7	5411036.9	33301.50000	334.79	0	48.852282	-86.936331	56490.09	56238	11.99	56502.08	56490.08203	56519.10812	56500.33594	504670.7	5411036.9
L4570.1	504670.6	5411035.3	33301.60156	333.79	0	48.852269	-86.936331	56490.73	56238	11.99	56502.72	56490.48438	56522.83307	56503.78516	504670.6	5411035.3
L4570.1	504670.6	5411033.9	33301.69922	332.40	0	48.852255	-86.936332	56490.75	56238	11.99	56502.75	56490.27734	56512.92151	56493.60156	504670.6	5411033.9
L4570.1	504670.6	5411033.9	33301.80078	333.51	0	48.852255	-86.936332	56491.32	56238	12.00	56503.31	56490.59766	56514.63181	56495.04688	504670.6	5411033.9
L4570.1	504670.6	5411032.5	33301.89844	332.46	0	48.852243	-86.936332	56491.98	56238	12.00	56503.97	56491.01953	56518.42144	56498.57422	504670.6	5411032.5
L4570.1	504670.6	5411030.4	33302.00000	334.41	0	48.852224	-86.936332	56492.62	56238	12.00	56504.62	56491.43359	56521.84051	56501.73828	504670.6	5411030.4
L4570.1	504670.6	5411030.4	33302.10156	333.30	0	48.852224	-86.936332	56493.31	56238	12.00	56505.31	56491.89063	56525.98502	56505.63281	504670.6	5411030.4
L4570.1	504670.5	5411028.8	33302.19922	334.50	0	48.852210	-86.936333	56493.71	56238	12.00	56505.72	56492.06250	56523.77160	56503.17188	504670.5	5411028.8
L4570.1	504670.5	5411027.1	33302.30078	331.87	0	48.852194	-86.936333	56494.53	56238	12.01	56506.53	56492.64063	56530.22314	56509.38281	504670.5	5411027.1
L4570.1	504670.5	5411027.1	33302.39844	331.88	0	48.852194	-86.936333	56494.40	56238	12.01	56506.41	56492.28516	56515.99746	56494.92188	504670.5	5411027.1
L4570.1	504670.5	5411025.0	33302.50000	330.84	0	48.852176	-86.936333	56495.09	56238	12.01	56507.10	56492.74609	56519.46200	56498.16016	504670.5	5411025.0
L4570.1	504670.5	5411023.8	33302.60156	330.62	0	48.852165	-86.936333	56495.55	56238	12.01	56507.56	56492.97266	56517.69508	56496.16797	504670.5	5411023.8
L4570.1	504670.5	5411023.8	33302.60156	330.62	0	48.852165	-86.936333	56496.46	56238	12.01	56508.48	56493.66406	56525.83838	56504.08984	504670.5	5411023.8
L4570.1	504670.5	5411022.2	33302.80078	331.77	0	48.852150	-86.936333	56497.08	56238	12.02	56509.09	56494.04297	56527.00278	56505.03906	504670.5	5411022.2
L4570.1	504670.5	5411020.5	33302.89844	330.88	0	48.852135	-86.936333	56497.70	56238	12.02	56509.71	56494.43750	56528.21259	56506.03906	504670.5	5411020.5
L4570.1	504670.5	5411019.2	33303.00000	333.82	0	48.852123	-86.936333	56498.71	56238	12.02	56510.73	56495.23047	56537.95663	56515.58203	504670.5	5411019.2
L4570.1	504670.5	5411019.2	33303.10156	334.42	0	48.852123	-86.936333	56498.92	56238	12.02	56510.94	56495.21484	56529.91138	56507.33594	504670.5	5411019.2
L4570.1	504670.5	5411017.5	33303.19922	334.89	0	48.852108	-86.936333	56499.99	56238	12.02	56512.01	56496.06250	56540.37791	56517.60938	504670.5	5411017.5
L4570.1	504670.6	5411015.9	33303.30078	331.78	0	48.852094	-86.936333	56500.56	56238	12.03	56512.58	56496.41016	56539.84146	56516.88281	504670.6	5411015.9
L4570.1	504670.6	5411015.9	33303.39844	331.61	0	48.852094	-86.936333	56501.52	56238	12.03	56513.55	56497.16016	56547.79313	56524.65234	504670.6	5411015.9
L4570.1	504670.6	5411014.6	33303.50000	329.94	0	48.852082	-86.936332	56501.63	56238	12.03	56513.65	56497.04297	56536.85200	56513.53125	504670.6	5411014.6
L4570.1	504670.6	5411013.1	33303.60156	329.74	0	48.852069	-86.936332	56502.59	56238	12.03	56514.63	56497.80469	56544.73354	56521.24219	504670.6	5411013.1

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4570.1	504670.6	5411013.1	33303.69922	328.11	0	48.852069	-86.936332	56503.44	56238	12.03	56515.47	56498.42969	56549.46705	56525.80469	504670.6	5411013.1
L4570.1	504670.6	5411011.1	33303.80078	329.16	0	48.852051	-86.936332	56504.20	56238	12.04	56516.24	56498.98828	56552.58001	56528.75391	504670.6	5411011.1
L4570.1	504670.6	5411009.6	33303.89844	330.34	0	48.852037	-86.936332	56504.99	56238	12.04	56517.03	56499.56641	56556.01424	56532.03125	504670.6	5411009.6
L4570.1	504670.6	5411009.6	33304.00000	334.74	0	48.852037	-86.936332	56505.71	56238	12.04	56517.75	56500.07813	56557.86085	56533.72656	504670.6	5411009.6
L4570.1	504670.6	5411008.3	33304.10156	335.38	0	48.852025	-86.936332	56506.34	56238	12.04	56518.39	56500.51172	56557.92674	56533.64453	504670.6	5411008.3
L4570.1	504670.7	5411006.4	33304.19922	333.38	0	48.852008	-86.936331	56507.39	56238	12.04	56519.44	56501.35938	56566.64571	56542.21875	504670.7	5411006.4
L4570.1	504670.7	5411006.4	33304.30078	331.03	0	48.852008	-86.936331	56508.34	56238	12.05	56520.38	56502.09766	56572.95828	56548.39063	504670.7	5411006.4
L4570.1	504670.7	5411005.0	33304.39844	330.21	0	48.851996	-86.936331	56509.48	56238	12.05	56521.53	56503.04688	56583.66965	56558.96875	504670.7	5411005.0
L4570.1	504670.7	5411004.0	33304.50000	328.45	0	48.851986	-86.936331	56510.25	56237.9	12.05	56522.30	56503.62109	56586.28496	56561.45703	504670.7	5411004.0
L4570.1	504670.7	5411004.0	33304.60156	328.88	0	48.851986	-86.936331	56511.12	56237.9	12.05	56523.17	56504.29688	56590.99482	56566.03906	504670.7	5411004.0
L4570.1	504670.6	5411002.2	33304.60156	328.88	0	48.851970	-86.936332	56511.81	56237.9	12.05	56523.86	56504.79688	56591.88854	56566.81641	504670.6	5411002.2
L4570.1	504670.6	5411000.4	33304.80078	328.38	0	48.851954	-86.936332	56512.52	56237.9	12.06	56524.58	56505.32422	56593.42156	56568.23438	504670.6	5411000.4
L4570.1	504670.6	5411000.4	33304.89844	329.53	0	48.851954	-86.936332	56512.90	56237.9	12.06	56524.96	56505.51953	56587.80337	56562.50391	504670.6	5411000.4
L4570.1	504670.6	5410999.1	33305.00000	331.19	0	48.851943	-86.936332	56513.62	56237.9	12.06	56525.68	56506.05469	56589.38855	56563.98438	504670.6	5410999.1
L4570.1	504670.6	5410997.3	33305.10156	330.33	0	48.851926	-86.936333	56514.28	56237.9	12.06	56526.34	56506.53516	56589.75051	56564.24219	504670.6	5410997.3
L4570.1	504670.6	5410997.3	33305.19922	331.11	0	48.851926	-86.936333	56515.54	56237.9	12.06	56527.59	56507.60938	56602.56535	56576.96094	504670.6	5410997.3
L4570.1	504670.6	5410995.5	33305.30078	328.74	0	48.851910	-86.936333	56516.38	56237.9	12.06	56528.43	56508.27344	56606.80786	56581.11328	504670.6	5410995.5
L4570.1	504670.6	5410994.1	33305.39844	330.94	0	48.851898	-86.936333	56517.16	56237.9	12.06	56529.22	56508.89453	56610.06963	56584.28516	504670.6	5410994.1
L4570.1	504670.6	5410994.1	33305.50000	329.32	0	48.851898	-86.936333	56518.04	56237.9	12.06	56530.09	56509.59375	56615.08997	56589.22266	504670.6	5410994.1
L4570.1	504670.6	5410992.7	33305.60156	332.12	0	48.851885	-86.936333	56518.90	56237.9	12.05	56530.95	56510.28906	56619.99305	56594.04688	504670.6	5410992.7
L4570.1	504670.6	5410991.3	33305.69922	333.82	0	48.851872	-86.936332	56519.59	56237.9	12.05	56531.65	56510.82813	56621.64995	56595.62891	504670.6	5410991.3
L4570.1	504670.6	5410989.7	33305.80078	334.08	0	48.851858	-86.936332	56520.41	56237.9	12.05	56532.46	56511.48047	56625.72704	56599.63672	504670.6	5410989.7
L4570.1	504670.6	5410989.7	33305.89844	334.14	0	48.851858	-86.936332	56521.27	56237.9	12.05	56533.32	56512.18359	56630.97873	56604.82031	504670.6	5410989.7
L4570.1	504670.7	5410987.8	33306.00000	333.57	0	48.851841	-86.936331	56521.84	56237.9	12.05	56533.89	56512.60547	56630.31453	56604.09766	504670.7	5410987.8
L4570.1	504670.7	5410986.3	33306.10156	329.73	0	48.851827	-86.936331	56522.50	56238	12.05	56534.55	56513.11719	56631.67982	56605.40625	504670.7	5410986.3
L4570.1	504670.8	5410984.9	33306.19922	329.37	0	48.851815	-86.936330	56522.37	56238	12.05	56534.42	56512.84375	56616.76228	56590.43359	504670.8	5410984.9
L4570.1	504670.8	5410984.9	33306.30078	329.63	0	48.851815	-86.936330	56523.24	56238	12.05	56535.29	56513.57422	56622.85180	56596.47656	504670.8	5410984.9
L4570.1	504670.8	5410983.5	33306.39844	330.86	0	48.851802	-86.936330	56523.88	56238	12.05	56535.93	56514.07813	56624.34150	56597.92188	504670.8	5410983.5
L4570.1	504670.9	5410981.9	33306.50000	330.53	0	48.851788	-86.936329	56524.44	56238	12.04	56536.48	56514.49609	56624.16181	56597.69922	504670.9	5410981.9
L4570.1	504670.9	5410981.9	33306.60156	329.21	0	48.851788	-86.936329	56525.51	56238	12.04	56537.56	56515.44531	56635.23526	56608.73828	504670.9	5410981.9
L4570.1	504670.9	5410980.2	33306.60156	329.21	0	48.851773	-86.936328	56525.92	56238	12.04	56537.96	56515.72266	56632.37951	56605.85156	504670.9	5410980.2
L4570.1	504671.0	5410978.7	33306.80078	325.66	0	48.851759	-86.936327	56526.33	56238	12.04	56538.37	56516.01172	56629.96435	56603.41016	504671.0	5410978.7
L4570.1	504671.0	5410977.4	33306.89844	327.14	0	48.851747	-86.936327	56526.54	56238	12.04	56538.58	56516.10547	56623.60239	56597.02344	504671.0	5410977.4
L4570.1	504671.0	5410977.4	33307.00000	326.83	0	48.851747	-86.936327	56527.68	56238	12.04	56539.72	56517.13281	56636.97461	56610.37891	504671.0	5410977.4
L4570.1	504671.1	5410975.5	33307.10156	327.02	0	48.851730	-86.936326	56528.07	56238	12.04	56540.11	56517.41406	56634.90055	56608.28906	504671.1	5410975.5
L4570.1	504671.1	5410975.5	33307.19922	330.46	0	48.851730	-86.936326	56529.01	56238	12.04	56541.05	56518.25000	56644.68261	56618.06250	504671.1	5410975.5
L4570.1	504671.1	5410973.9	33307.30078	330.24	0	48.851716	-86.936326	56528.98	56238	12.04	56541.02	56518.12109	56634.20604	56607.58203	504671.1	5410973.9
L4570.1	504671.1	5410972.4	33307.39844	329.15	0	48.851702	-86.936325	56529.62	56238	12.04	56541.67	56518.67578	56638.36141	56611.73438	504671.1	5410972.4
L4570.1	504671.1	5410972.4	33307.50000	329.92	0	48.851702	-86.936325	56529.75	56238	12.04	56541.79	56518.70703	56631.42834	56604.80469	504671.1	5410972.4
L4570.1	504671.2	5410970.9	33307.60156	330.50	0	48.851688	-86.936325	56530.26	56238	12.05	56542.30	56519.12891	56633.02911	56606.41016	504671.2	5410970.9
L4570.1	504671.2	5410969.1	33307.69922	330.64	0	48.851672	-86.936324	56530.64	56238	12.05	56542.69	56519.43750	56632.25326	56605.64844	504671.2	5410969.1
L4570.1	504671.2	5410967.5	33307.80078	332.17	0	48.851658	-86.936324	56531.28	56238	12.05	56543.33	56520.00000	56637.08307	56610.49219	504671.2	5410967.5
L4570.1	504671.2	5410967.5	33307.89844	331.64	0	48.851658	-86.936324	56531.82	56238	12.05	56543.87	56520.46875	56639.95328	56613.38281	504671.2	5410967.5
L4570.1	504671.3	5410966.4	33308.00000	333.77	0	48.851648	-86.936324	56531.99	56237.9	12.05	56544.04	56520.57031	56634.93621	56608.38672	504671.3	5410966.4
L4570.1	504671.3	5410964.7	33308.10156	334.43	0	48.851633	-86.936324	56532.45	56238	12.05	56544.49	56520.95703	56636.19060	56609.66797	504671.3	5410964.7
L4570.1	504671.3	5410964.7	33308.19922	333.24	0	48.851633	-86.936324	56532.48	56238	12.05	56544.52	56520.92969	56628.39924	56601.91016	504671.3	5410964.7
L4570.1	504671.3	5410963.1	33308.30078	333.87	0	48.851619	-86.936324	56533.73	56238	12.04	56545.77	56522.12500	56647.56955	56621.11719	504671.3	5410963.1
L4570.1	504671.3	5410961.7	33308.39844	333.59	0	48.851606	-86.936324	56534.34	56238	12.04	56546.38	56522.68359	56652.86138	56626.44922	504671.3	5410961.7
L4570.1	504671.3	5410960.3	33308.50000	333.61	0	48.851593	-86.936324	56535.21	56238	12.04	56547.25	56523.51172	56664.03664	56637.66797	504671.3	5410960.3
L4570.1	504671.3	5410960.3	33308.60156	332.53	0	48.851593	-86.936324	56534.65	56238	12.04	56546.69	56522.91016	56643.85967	56617.53906	504671.3	5410960.3
L4570.1	504671.3	5410958.8	33308.60156	332.53	0	48.851580	-86.936324	56534.72	56238	12.04	56546.76	56522.94531	56637.71009	56611.44141	504671.3	5410958.8
L4570.1	504671.3	5410958.8	33308.80078	334.53	0	48.851580	-86.936324	56535.00	56238	12.03	56547.04	56523.19531	56636.34367	56610.13281	504671.3	5410958.8
L4570.1	504671.3	5410956.7	33308.89844	333.45	0	48.851561	-86.936324	56535.06	56238	12.03	56547.09	56523.22266	56630.09206	56603.94141	504671.3	5410956.7
L4570.1	504671.3	5410955.3	33309.00000	332.51	0	48.851548	-86.936324	56536.07	56238	12.03	56548.10	56524.21094	56645.04058	56618.95313	504671.3	5410955.3
L4570.1	504671.3	5410953.8	33309.10156	333.42	0	48.851535	-86.936324	56535.49	56238	12.03	56547.52	56523.61719	56625.34991	56599.33203	504671.3	5410953.8
L4570.1	504671.3	5410953.8	33309.19922	330.19	0	48.851535	-86.936324	56536.69	56238	12.03	56548.72	56524.80859	56644.68984	56618.74609	504671.3	5410953.8
L4570.1	504671.3	5410952.0	33309.30078	330.90	0	48.851519	-86.936324	56536.31	56238	12.04	56548.34	56524.42188	56629.79130	56603.92188	504671.3	5410952.0
L4570.1	504671.3	5410952.0	33309.39844	331.63	0	48.851519	-86.936324	56537.22	56238	12.04	56549.26	56525.34375	56643.27636	56617.48828	504671.3	5410952.0
L4570.1	504671.3	5410950.3	33309.50000	329.34	0	48.851503	-86.936324	56536.41	56238	12.04	56548.45	56524.53906	56619.57173	56593.86719	504671.3	5410950.3
L4570.1	504671.3	5410948.8	33309.60156	329.60	0	48.851490	-86.936324	56537.02	56238	12.04	56549.06	56525.15625	56626.70270	56601.08594	504671.3	5410948.8
L4570.1	504671.3	5410947.4	33309.69922	329.59	0	48.851478	-86.936323	56537.48	56238	12.04	56549.52	56525.63281	56630.76035	56605.23438	504671.3	5410947.4
L4570.1	504671.3	5410946.3	33309.80078	329.23	0	48.851467	-86.936323	56537.66	56238	12.05	56549.71	56525.84375	56629.22404	56603.79688	504671.3	5410946.3
L4570.1	504671.3	5410946.3	33309.89844	327.40	0	48.851467	-86.936323	56538.55	56238	12.05	56550.60	56526.75781	56642.76949	56617.43750	504671.3	5410946.3
L4570.1	504671.3	5410944.7	33310.00000	330.11	0	48.851453	-86.936323	56537.79	56237.9	12.05	56549.84	56526.02734	56621.47232	56596.24609	504671.3	5410944.7
L4570.1	504671.3	5410944.7	33310.10156	331.34	0	48.851453	-86.936323	56538.91	56237.9	12.05	56550.96	56527.18359	56640.22955	56615.10938	504671.3	5410944.7
L4570.1	504671.3	5410942.8	33310.19922	332.72	0	48.851436	-86.936323	56537.91	56237.9	12.05	56549.96	56526.22266	56614.37461	56589.36328	504671.3	5410942.8
L4570.1	504671.3	5410941.0	33310.30078	333.79	0	48.851420	-86.936323	56538.96	56237.9	12.05	56551.01	56527.31641	56631.96854	56607.07422	504671.3	5410941.0
L4570.1	504671.3	5410941.0	33310.39844	333.47	0	48.851420	-86.936323	56538.50	56237.9	12.05	56550.55	56526.90625	56617.94490	56593.16797	504671.3	5410941.0
L4570.1	504671.3	5410939.4	33310.50000	330.45	0	48.851405	-86.936323	56539.06	56237.9	12.05	56551.11	56527.52344	56625.54406	56600.88672	504671.3	5410939.4
L4570.1	504671.3	5410937.8	33310.60156	328.67	0	48.851391	-86.936323	56539.49	56237.9	12.05	56551.54	56528.01172	56630.56938	56606.03516	504671.3	5410937.8
L4570.1	504671.3	5410937.8	33310.60156	328.67	0	48.851391	-86.936323	56539.75	56237.9	12.05	56551.80	56528.33984	56632.19451	56607.78906	504671.3	5410937.8
L4570.1	504671.3	5410936.3	33310.80078	329.73	0	48.851377	-86.936323	56539.78	56237.9	12.05	56551.83	56528.43750	56629.17936	56604.90625	504671.3	5410936.3
L4570.1	504671.3	5410935.1	33310.89844	329.41	0	48.851367	-86.936323	56539.12	56237.9	12.05	56551.17	56527.85156	56611.95870	56587.82031	504671.3	5410935.1
L4570.1	504671.3	5410933.6	33311.00000	330.01	0	48.851353	-86.936324	56540.18	56237.9	12.05	56552.23	56528.99219	56630.75328	56606.75391	504671.3	5410933.6
L4570.1	504671.3	5410933.6	33311.10156	330.67	0	48.851353	-86.936324	56539.14	56238	12.05	56551.19	56528.03516	56606.03714	56582.17969	504671.3	5410933.6
L4570.1	504671.3	5410931.7	33311.19922	330.07	0	48.851336	-86.936324	56539.88	56238	12.05	56551.93	56528.86719	56618.49769	56594.78516	504671.3	5410931.7
L4570.1	504671.3	5410930.2	33311.30078	329.15	0	48.851323	-86.936324	56539.20	56238	12.05	56551.24	56528.26953	56601.48563	56577.92188	504671.3	5410930.2
L4570.1	504671.3	5410930.2	33311.39844	329.91	0	48.851323	-86.936324	56540.18	56238	12.05	56552.23	56529.35938	56619.46810	56596.05469	504671.3	5410930.2
L4570.1	504671.3	5410928.8	33311.50000	331.25	0	48.851310	-86.936324	56540.34	56238	12.04	56552.38	56529.61328	56620.24696	56596.98828	504671.3	5410928.8
L4570.1	504671.3	5410928.8	33311.60156	330.99	0	48.851310	-86.936324	56540.34	56238	12.04	56552.38	56529.72266	56618.12973	56595.02734	504671.3	5410928.8
L4570.1	504671.3	5410925.4	33311.69922	330.10	0	48.851279	-86.936324	56540.82	56238	12.04	56552.86	56530.31250	56626.14361	56603.20313	504671.3	5410925.4
L4570.1	504671.3	5410925.4	33311.80078	326.65	0	48.851279	-86.936324	56540.36	56238	12.04	56552.40	56529.97266	56614.94384	56592.16406	504671.3	5410925.4
L4570.1	504671.3	5410925.4	33311.89844	327.88	0	48.851279	-86.936324	56541.21	56238	12.04	56553.25	56530.94531	56631.05217	56608.44141	504671.3	5410925.4
L4570.1	504671.3	5410923.8	33312.00000	325.38	0	48.851265	-86.936324	56540.39	56238	12.04	56552.43	56530.25000	56612.82744	56590.38281	504671.3	5410923.8
L4570.1	504671.3	5410922.5	33312.10156	325.98	0	48.851253	-86.936324	56541.33	56238	12.04	56553.37	56531.32031	56631.28785	56609.01563	504671.3	5410922.5
L4570.1	504671.3	5410921.2	33312.19922	326.35	0	48.851242	-86.936324	56540.93	56238	12.04	56552.96	56531.04688	56621.98649	56599.89063	504671.3	5410921.2
L4570.1	504671.3	5410921.2	33312.30078	327.61	0	48.851242	-86.936324	56541.39	56238	12.04	56553.42	56531.64844	56631.00149	56609.08203	504671.3	5410921.2
L4570.1	504671.3	5410919.7	33312.39844	330.02	0	48.851228	-86.936324	56541.38	56238	12.04	56553.42	56531.79297	56630.68896	56608.94922	504671.3	5410919.7
L4570.1	504671.3	5410918.1	33312.50000	330.97	0	48.851214	-86.936324	56541.36	56238	12.04	56553.39	56531.91016	56629.98384	56608.42188	504671.3	5410918.1
L4570.1	504671.3	5410918.1	33312.60156	330.15	0	48.851214	-86.936324	56541.64	56238	12.03	56553.68	56532.35156	56636.23565	56614.85938	504671.3	5410918.1
L4570.1	504671.3	5410916.6	33312.60156	330.15	0	48.851200	-86.936324	56540.82	56238	12.03	56552.86	56531.68750	56619.36965	56598.18359	504671.3	5410916.6
L4570.1	504671.3	5410915.0	33312.80078	331.96	0	48.851186	-86.936324	56541.57	56238	12.03	56553.60	56532.58984	56635.62141	56614.62109	504671.3	5410915.0
L4570.1	504671.3	5410913.7	33312.89844	330.36	0	48.851175	-86.936324	56540.84	56238	12.03	56552.87	56532.02344	56621.02869	56600.22266	504671.3	5410913.7

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4570.1	504671.3	5410913.7	33313.00000	329.57	0	48.851175	-86.936324	56541.67	56238	12.03	56553.70	56533.02344	56639.79400	56619.17969	504671.3	5410913.7
L4570.1	504671.3	5410912.4	33313.10156	331.87	0	48.851163	-86.936324	56541.03	56238	12.03	56553.06	56532.55469	56627.52254	56607.10156	504671.3	5410912.4
L4570.1	504671.2	5410911.1	33313.19922	332.29	0	48.851151	-86.936324	56541.64	56238	12.03	56553.67	56533.33984	56642.20720	56621.98438	504671.2	5410911.1
L4570.1	504671.2	5410911.1	33313.30078	333.80	0	48.851151	-86.936324	56541.36	56238	12.03	56553.39	56533.24219	56638.09174	56618.07031	504671.2	5410911.1
L4570.1	504671.2	5410909.7	33313.39844	331.98	0	48.851138	-86.936325	56541.36	56238	12.03	56553.39	56533.42578	56640.23385	56620.41406	504671.2	5410909.7
L4570.1	504671.2	5410908.1	33313.50000	332.63	0	48.851124	-86.936325	56541.62	56238	12.04	56553.66	56533.88281	56648.47320	56628.85547	504671.2	5410908.1
L4570.1	504671.2	5410906.8	33313.60156	328.77	0	48.851112	-86.936325	56541.26	56238	12.04	56553.29	56533.70313	56643.12179	56623.70703	504671.2	5410906.8
L4570.1	504671.2	5410906.8	33313.69922	330.21	0	48.851112	-86.936325	56541.82	56238	12.04	56553.86	56534.46875	56658.42319	56639.21875	504671.2	5410906.8
L4570.1	504671.2	5410905.1	33313.80078	329.52	0	48.851097	-86.936325	56540.95	56238	12.04	56552.99	56533.79688	56642.66415	56623.66797	504671.2	5410905.1
L4570.1	504671.2	5410903.6	33313.89844	327.99	0	48.851083	-86.936325	56541.56	56238	12.04	56553.60	56534.60547	56659.38850	56640.60156	504671.2	5410903.6
L4570.1	504671.2	5410903.6	33314.00000	330.88	0	48.851083	-86.936325	56540.90	56238	12.04	56552.94	56534.14844	56648.65948	56630.08203	504671.2	5410903.6
L4570.1	504671.2	5410901.6	33314.10156	331.18	0	48.851065	-86.936326	56541.48	56238	12.04	56553.52	56534.93750	56665.28912	56646.92578	504671.2	5410901.6
L4570.1	504671.2	5410900.1	33314.19922	332.00	0	48.851051	-86.936326	56540.72	56238	12.04	56552.76	56534.38672	56652.85696	56634.70703	504671.2	5410900.1
L4570.1	504671.2	5410900.1	33314.30078	334.66	0	48.851051	-86.936326	56540.34	56238	12.04	56552.38	56534.21875	56648.98339	56631.04688	504671.2	5410900.1
L4570.1	504671.1	5410898.5	33314.39844	331.12	0	48.851037	-86.936326	56540.24	56238	12.04	56552.28	56534.33594	56651.49671	56633.77734	504671.1	5410898.5
L4570.1	504671.1	5410898.5	33314.50000	331.98	0	48.851037	-86.936326	56540.16	56238	12.04	56552.20	56534.47656	56654.69934	56637.19922	504671.1	5410898.5
L4570.1	504671.1	5410896.9	33314.60156	331.14	0	48.851023	-86.936326	56540.29	56238	12.04	56552.33	56534.82813	56662.75236	56645.46875	504671.1	5410896.9
L4570.1	504671.1	5410895.2	33314.60156	331.14	0	48.851008	-86.936326	56539.63	56238	12.04	56551.67	56534.39063	56653.72784	56636.66406	504671.1	5410895.2
L4570.1	504671.1	5410895.2	33314.80078	332.88	0	48.851008	-86.936326	56539.88	56238	12.04	56551.92	56534.86719	56664.87889	56648.03516	504671.1	5410895.2
L4570.1	504671.1	5410893.6	33314.89844	334.77	0	48.850994	-86.936327	56539.65	56238	12.04	56551.69	56534.86719	56665.73885	56649.11719	504671.1	5410893.6
L4570.1	504671.1	5410892.1	33315.00000	332.70	0	48.850980	-86.936327	56539.93	56238	12.04	56551.97	56535.37891	56677.95019	56661.55078	504671.1	5410892.1
L4570.1	504671.1	5410892.1	33315.10156	332.09	0	48.850980	-86.936327	56539.19	56238	12.04	56551.23	56534.87109	56668.10677	56651.92969	504671.1	5410892.1
L4570.1	504671.1	5410890.4	33315.19922	330.13	0	48.850965	-86.936327	56538.91	56238	12.03	56550.95	56534.82813	56668.51044	56652.55469	504671.1	5410890.4
L4570.1	504671.1	5410889.0	33315.30078	329.36	0	48.850952	-86.936327	56538.73	56238	12.03	56550.76	56534.87500	56671.06149	56655.33203	504671.1	5410889.0
L4570.1	504671.1	5410889.0	33315.39844	331.04	0	48.850952	-86.936327	56538.35	56238	12.03	56550.38	56534.73438	56669.68759	56654.17969	504671.1	5410889.0
L4570.1	504671.1	5410887.2	33315.50000	332.30	0	48.850936	-86.936327	56538.12	56238	12.03	56550.15	56534.74609	56671.73760	56656.45703	504671.1	5410887.2
L4570.1	504671.1	5410885.7	33315.60156	331.76	0	48.850922	-86.936327	56537.28	56238	12.02	56549.30	56534.14063	56660.68579	56645.62891	504671.1	5410885.7
L4570.1	504671.1	5410884.7	33315.69922	332.18	0	48.850913	-86.936327	56537.45	56238	12.02	56549.47	56534.55469	56671.64815	56656.81641	504671.1	5410884.7
L4570.1	504671.1	5410884.7	33315.80078	334.18	0	48.850913	-86.936327	56536.33	56238	12.02	56548.35	56533.67969	56655.34957	56640.74219	504671.1	5410884.7
L4570.1	504671.1	5410883.1	33315.89844	331.99	0	48.850899	-86.936327	56536.28	56238	12.01	56548.29	56533.87109	56661.75764	56647.37500	504671.1	5410883.1
L4570.1	504671.0	5410881.7	33316.00000	330.13	0	48.850886	-86.936328	56535.08	56238	12.01	56547.09	56532.91797	56644.39065	56630.23438	504671.0	5410881.7
L4570.1	504671.0	5410880.1	33316.10156	329.42	0	48.850872	-86.936328	56535.11	56238	12.01	56547.12	56533.19922	56653.06309	56639.13281	504671.0	5410880.1
L4570.1	504671.0	5410878.7	33316.19922	329.95	0	48.850859	-86.936328	56534.65	56238	12.01	56546.66	56532.99219	56651.68332	56637.97656	504671.0	5410878.7
L4570.1	504671.0	5410878.7	33316.30078	328.94	0	48.850859	-86.936328	56534.29	56238	12.01	56546.30	56532.88672	56652.59183	56639.11328	504671.0	5410878.7
L4570.1	504671.0	5410877.6	33316.39844	329.38	0	48.850849	-86.936328	56533.81	56238	12.01	56545.82	56532.66016	56651.24060	56637.98438	504671.0	5410877.6
L4570.1	504671.0	5410877.6	33316.50000	326.50	0	48.850849	-86.936328	56532.86	56238	12.01	56544.87	56531.96484	56640.50227	56627.47266	504671.0	5410877.6
L4570.1	504671.0	5410875.7	33316.60156	326.95	0	48.850833	-86.936329	56532.86	56238	12.01	56544.87	56532.22266	56649.43784	56636.63281	504671.0	5410875.7
L4570.1	504671.0	5410874.4	33316.60156	326.95	0	48.850820	-86.936329	56531.46	56238	12.01	56543.47	56531.07813	56630.07591	56617.49609	504671.0	5410874.4
L4570.1	504671.0	5410874.4	33316.80078	327.96	0	48.850820	-86.936329	56531.31	56238	12.01	56543.32	56531.18750	56636.39072	56624.03125	504671.0	5410874.4
L4570.1	504670.9	5410873.0	33316.89844	326.50	0	48.850808	-86.936329	56530.08	56238	12.01	56542.09	56530.21484	56621.01814	56608.88281	504670.9	5410873.0
L4570.1	504670.9	5410871.7	33317.00000	328.76	0	48.850797	-86.936330	56530.31	56238	12.01	56542.32	56530.70313	56635.46239	56623.55078	504670.9	5410871.7
L4570.1	504670.9	5410871.7	33317.10156	327.09	0	48.850797	-86.936330	56529.34	56238	12.01	56541.35	56529.99219	56625.81593	56614.12500	504670.9	5410871.7
L4570.1	504670.9	5410869.9	33317.19922	329.24	0	48.850780	-86.936330	56528.88	56238	12.01	56540.89	56529.79297	56626.72151	56615.25391	504670.9	5410869.9
L4570.1	504670.9	5410868.5	33317.30078	329.87	0	48.850768	-86.936330	56528.32	56238	12.01	56540.34	56529.50391	56626.00106	56614.75391	504670.9	5410868.5
L4570.1	504670.9	5410868.5	33317.39844	331.56	0	48.850768	-86.936330	56527.81	56238	12.01	56539.82	56529.24219	56626.07814	56615.05078	504670.9	5410868.5
L4570.1	504670.8	5410866.9	33317.50000	327.87	0	48.850753	-86.936331	56527.93	56238	12.01	56539.95	56529.63281	56639.68614	56628.87891	504670.8	5410866.9
L4570.1	504670.8	5410865.1	33317.60156	328.56	0	48.850737	-86.936331	56527.15	56238	12.02	56539.16	56529.10547	56634.56972	56623.98047	504670.8	5410865.1
L4570.1	504670.8	5410864.0	33317.69922	327.78	0	48.850727	-86.936331	56526.84	56238	12.02	56538.85	56529.05469	56639.49293	56629.11719	504670.8	5410864.0
L4570.1	504670.8	5410862.5	33317.80078	330.72	0	48.850714	-86.936331	56525.31	56238	12.02	56537.33	56527.79688	56619.27315	56609.11328	504670.8	5410862.5
L4570.1	504670.8	5410862.5	33317.89844	328.81	0	48.850714	-86.936331	56524.82	56238	12.02	56536.84	56527.56641	56620.54674	56610.60547	504670.8	5410862.5
L4570.1	504670.8	5410860.6	33318.00000	331.28	0	48.850696	-86.936331	56523.60	56238	12.02	56535.62	56526.60547	56606.44150	56596.71484	504670.8	5410860.6
L4570.1	504670.8	5410860.6	33318.10156	328.95	0	48.850696	-86.936331	56522.96	56238	12.02	56534.98	56526.22266	56604.54740	56595.03125	504670.8	5410860.6
L4570.1	504670.8	5410858.7	33318.19922	332.38	0	48.850679	-86.936331	56522.45	56238	12.02	56534.47	56525.97266	56605.43075	56596.12500	504670.8	5410858.7
L4570.1	504670.8	5410857.7	33318.30078	331.01	0	48.850670	-86.936332	56521.36	56238	12.03	56533.38	56525.14063	56593.86017	56584.76563	504670.8	5410857.7
L4570.1	504670.8	5410857.7	33318.39844	333.33	0	48.850670	-86.936332	56521.04	56238	12.03	56533.07	56525.08984	56599.00927	56590.12500	504670.8	5410857.7
L4570.1	504670.8	5410855.7	33318.50000	332.74	0	48.850653	-86.936332	56519.77	56238	12.03	56531.80	56524.07422	56583.39267	56574.71875	504670.8	5410855.7
L4570.1	504670.8	5410855.7	33318.60156	332.59	0	48.850653	-86.936332	56519.48	56238	12.03	56531.52	56524.05078	56589.14700	56580.67969	504670.8	5410855.7
L4570.1	504670.8	5410853.9	33318.60156	332.59	0	48.850636	-86.936332	56518.41	56238	12.03	56530.45	56523.23828	56577.71986	56569.45313	504670.8	5410853.9
L4570.1	504670.8	5410852.5	33318.80078	334.17	0	48.850624	-86.936332	56518.37	56238	12.04	56530.40	56523.44141	56588.41899	56580.35938	504670.8	5410852.5
L4570.1	504670.8	5410850.9	33318.89844	336.90	0	48.850609	-86.936332	56517.37	56238	12.04	56529.41	56522.70313	56578.63812	56570.78125	504670.8	5410850.9
L4570.1	504670.8	5410849.4	33319.00000	334.69	0	48.850595	-86.936332	56516.30	56238	12.04	56528.34	56521.88672	56567.09043	56559.43359	504670.8	5410849.4
L4570.1	504670.8	5410849.4	33319.10156	319.08	0	48.850595	-86.936332	56515.82	56238	12.04	56527.86	56521.66016	56568.33560	56560.87891	504670.8	5410849.4
L4570.1	504670.7	5410847.8	33319.19922	320.37	0	48.850581	-86.936332	56515.33	56238	12.04	56527.37	56521.41797	56569.32205	56562.06250	504670.7	5410847.8
L4570.1	504670.7	5410846.1	33319.30078	330.89	0	48.850566	-86.936332	56515.15	56238	12.04	56527.19	56521.48828	56576.94681	56569.88281	504670.7	5410846.1
L4570.1	504670.7	5410846.1	33319.39844	334.35	0	48.850566	-86.936332	56513.34	56238	12.04	56525.38	56519.92578	56549.47816	56542.60938	504670.7	5410846.1
L4570.1	504670.7	5410844.5	33319.50000	331.23	0	48.850552	-86.936332	56513.36	56238	12.04	56525.40	56520.19141	56561.32904	56554.65234	504670.7	5410844.5
L4570.1	504670.7	5410843.4	33319.60156	329.05	0	48.850542	-86.936333	56511.98	56238	12.03	56524.01	56519.04688	56543.06070	56536.57422	504670.7	5410843.4
L4570.1	504670.7	5410841.8	33319.69922	330.01	0	48.850527	-86.936333	56512.12	56238	12.03	56524.15	56519.42969	56557.31519	56551.01953	504670.7	5410841.8
L4570.1	504670.7	5410841.8	33319.80078	329.79	0	48.850527	-86.936333	56511.52	56238	12.03	56523.56	56519.08203	56556.04651	56549.93750	504670.7	5410841.8
L4570.1	504670.7	5410839.9	33319.89844	330.08	0	48.850510	-86.936333	56511.12	56238	12.03	56523.15	56518.91406	56558.53825	56552.61719	504670.7	5410839.9
L4570.1	504670.7	5410839.9	33320.00000	329.10	0	48.850510	-86.936333	56510.38	56238	12.03	56522.41	56518.41016	56554.14490	56548.41016	504670.7	5410839.9
L4570.1	504670.7	5410838.2	33320.10156	329.80	0	48.850495	-86.936333	56508.94	56238	12.03	56520.97	56517.21094	56535.37445	56529.82031	504670.7	5410838.2
L4570.1	504670.7	5410836.9	33320.19922	329.91	0	48.850483	-86.936333	56509.25	56238	12.03	56521.29	56517.76563	56552.91779	56547.54297	504670.7	5410836.9
L4570.1	504670.7	5410835.2	33320.30078	327.32	0	48.850468	-86.936333	56507.90	56238	12.03	56519.93	56516.63672	56536.03574	56530.83984	504670.7	5410835.2
L4570.1	504670.7	5410835.2	33320.39844	328.64	0	48.850468	-86.936333	56507.85	56238	12.03	56519.89	56516.83203	56546.11754	56541.10156	504670.7	5410835.2
L4570.1	504670.7	5410833.4	33320.50000	326.94	0	48.850452	-86.936333	56506.73	56238	12.03	56518.76	56515.92969	56534.14676	56529.30469	504670.7	5410833.4
L4570.1	504670.7	5410833.4	33320.60156	327.98	0	48.850452	-86.936333	56507.01	56238	12.04	56519.04	56516.43750	56550.62202	56545.95313	504670.7	5410833.4
L4570.1	504670.7	5410831.7	33320.60156	327.98	0	48.850437	-86.936333	56506.37	56238	12.04	56518.41	56516.03516	56548.81363	56544.31641	504670.7	5410831.7
L4570.1	504670.7	5410830.1	33320.80078	331.44	0	48.850422	-86.936333	56506.14	56238	12.04	56518.18	56516.03125	56555.03378	56550.70703	504670.7	5410830.1
L4570.1	504670.7	5410828.7	33320.89844	330.33	0	48.850409	-86.936333	56505.61	56238	12.04	56517.64	56515.71094	56555.12686	56550.96875	504670.7	5410828.7
L4570.1	504670.7	5410828.7	33321.00000	327.37	0	48.850409	-86.936333	56504.43	56238	12.04	56516.47	56514.76172	56542.84699	56538.85547	504670.7	5410828.7
L4570.1	504670.7	5410827.1	33321.10156	327.64	0	48.850395	-86.936333	56504.61	56238	12.04	56516.65	56515.16016	56557.31597	56553.48828	504670.7	5410827.1
L4570.1	504670.7	5410825.7	33321.19922	326.18	0	48.850383	-86.936333	56503.64	56238	12.04	56515.69	56514.41797	56549.40177	56545.73438	504670.7	5410825.7
L4570.1	504670.7	5410825.7	33321.30078	325.61	0	48.850383	-86.936333	56503.77	56238	12.05	56515.81	56514.75000	56562.80459	56559.29688	504670.7	5410825.7
L4570.1	504670.7	5410824.1	33321.39844	326.75	0	48.850368	-86.936333	56502.54	56238	12.05	56514.59	56513.74219	56550.04400	56546.69531	504670.7	5410824.1
L4570.1	504670.7	5410822.6	33321.50000	325.95	0	48.850354	-86.936333	56502.49	56237.9	12.05	56514.54	56513.90234	56560.32541	56557.13281	504670.7	5410822.6
L4570.1	504670.7	5410822.6	33321.60156	328.22	0	48.850354	-86.936333	56501.57	56237.9	12.05	56513.63	56513.19922	56553.92340	56550.88672	504670.7	5410822.6
L4570.1	504670.7	5410820.9	33321.69922	329.36	0	48.850340	-86.936333	56501.46	56237.9	12.05	56513.52	56513.29688	56563.31482	56560.42969	504670.7	5410820.9
L4570.1	504670.7	5410819.5	33321.80078	327.45	0	48.850327	-86.936333	56500.96	56237.9	12.06	56513.01	56512.98828	56565.06041	56562.32813	504670.7	5410819.5
L4570.1	504670.7	5410819.5	33321.89844	326.74	0	48.850327	-86.936333	56500.56	56237.9	12.06	56512.61	56512.78906	56569.14696	56566.56250	504670.7	5410819.5
L4570.1	504670.7	5410817.8	33322.00000	326.97	0	48.850312	-86.936333	56500.56	56237.9	12.06	56512.61	56512.98828	56581.28802	56578.85156	504670.7	5410817.8
L4570.1	504670.7	5410816.3	33322.10156	325.42	0	48.850298	-86.936333	56499.58	56237.9	12.06	56511.64	56512.21484	56574.61979	56572.32813	504670.7	5410816.3
L4570.1	504670.7	5410816.3	33322.19922	326.77	0	48.850298	-86.936333	56499.50	56237.9	12.06	56511.57	56512.33984	56585.87695	56583.73047	504670.7	5410816.3

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4570.1	504670.7	5410814.2	33322.30078	328.53	0	48.850279	-86.936333	56498.03	56237.9	12.06	56510.09	56511.05078	56569.55152	56567.54688	504670.7	5410814.2
L4570.1	504670.8	5410812.8	33322.39844	328.41	0	48.850267	-86.936332	56498.18	56237.9	12.06	56510.24	56511.39063	56585.69469	56583.82813	504670.8	5410812.8
L4570.1	504670.8	5410812.8	33322.50000	328.56	0	48.850267	-86.936332	56497.16	56237.9	12.07	56509.23	56510.57031	56579.10098	56577.37500	504670.8	5410812.8
L4570.1	504670.8	5410811.9	33322.60156	327.12	0	48.850259	-86.936332	56496.88	56237.9	12.07	56508.95	56510.47266	56587.30809	56585.71875	504670.8	5410811.9
L4570.1	504670.8	5410810.5	33322.60156	327.12	0	48.850246	-86.936332	56496.42	56237.9	12.07	56508.48	56510.18750	56592.03362	56590.57813	504670.8	5410810.5
L4570.1	504670.8	5410809.1	33322.80078	331.04	0	48.850233	-86.936332	56495.96	56237.9	12.07	56508.03	56509.91797	56597.47880	56596.15625	504670.8	5410809.1
L4570.1	504670.8	5410809.1	33322.89844	330.34	0	48.850233	-86.936332	56495.96	56237.9	12.07	56508.03	56510.09375	56612.37374	56611.18359	504670.8	5410809.1
L4570.1	504670.8	5410807.2	33323.00000	329.22	0	48.850217	-86.936331	56494.84	56237.9	12.07	56506.91	56509.14844	56604.90213	56603.84375	504670.8	5410807.2
L4570.1	504670.8	5410807.2	33323.10156	329.17	0	48.850217	-86.936331	56494.86	56237.9	12.07	56506.93	56509.34375	56620.97021	56620.03906	504670.8	5410807.2
L4570.1	504670.8	5410805.4	33323.19922	328.95	0	48.850200	-86.936331	56493.36	56237.9	12.07	56505.43	56508.01563	56606.27098	56605.46484	504670.8	5410805.4
L4570.1	504670.9	5410804.0	33323.30078	330.64	0	48.850187	-86.936331	56493.41	56237.9	12.08	56505.48	56508.23047	56623.72877	56623.04688	504670.9	5410804.0
L4570.1	504670.9	5410802.5	33323.39844	330.16	0	48.850174	-86.936331	56492.23	56237.9	12.08	56504.31	56507.22656	56616.36502	56615.80859	504670.9	5410802.5
L4570.1	504670.9	5410802.5	33323.50000	331.24	0	48.850174	-86.936331	56491.90	56237.9	12.08	56503.98	56507.06250	56626.73535	56626.30078	504670.9	5410802.5
L4570.1	504670.9	5410800.8	33323.60156	331.26	0	48.850159	-86.936331	56491.14	56237.9	12.08	56503.22	56506.46484	56628.52686	56628.21484	504670.9	5410800.8
L4570.1	504670.9	5410799.3	33323.69922	330.55	0	48.850145	-86.936330	56490.37	56237.9	12.08	56502.45	56505.85156	56630.44997	56630.25391	504670.9	5410799.3
L4570.1	504670.9	5410799.3	33323.80078	329.07	0	48.850145	-86.936330	56489.47	56237.9	12.09	56501.56	56505.11719	56630.18997	56630.11328	504670.9	5410799.3
L4570.1	504670.9	5410797.8	33323.89844	329.96	0	48.850131	-86.936330	56488.20	56237.9	12.09	56500.29	56504.00391	56622.23410	56622.27344	504670.9	5410797.8
L4570.1	504670.9	5410797.8	33324.00000	329.19	0	48.850131	-86.936330	56487.71	56237.9	12.09	56499.80	56503.66406	56631.06854	56631.22266	504670.9	5410797.8
L4570.1	504670.9	5410796.0	33324.10156	329.97	0	48.850115	-86.936330	56486.26	56237.9	12.09	56498.35	56502.36328	56619.89805	56620.16406	504670.9	5410796.0
L4570.1	504670.9	5410794.4	33324.19922	327.94	0	48.850101	-86.936330	56485.88	56237.9	12.09	56497.97	56502.13281	56631.75199	56632.12891	504670.9	5410794.4
L4570.1	504670.9	5410794.4	33324.30078	331.16	0	48.850101	-86.936330	56484.57	56237.9	12.09	56496.66	56500.96875	56624.17635	56624.66406	504670.9	5410794.4
L4570.1	504671.0	5410792.8	33324.39844	330.62	0	48.850086	-86.936330	56483.86	56237.9	12.09	56495.95	56500.39844	56629.69023	56630.28516	504671.0	5410792.8
L4570.1	504671.0	5410791.2	33324.50000	332.30	0	48.850072	-86.936330	56482.76	56237.9	12.09	56494.85	56499.44141	56627.22619	56627.92969	504671.0	5410791.2
L4570.1	504671.0	5410789.6	33324.60156	333.20	0	48.850058	-86.936330	56481.74	56237.9	12.09	56493.83	56498.55859	56626.79989	56627.60938	504671.0	5410789.6
L4570.1	504671.0	5410789.6	33324.60156	333.20	0	48.850058	-86.936330	56480.75	56237.9	12.09	56492.84	56497.70313	56627.36629	56628.28125	504671.0	5410789.6
L4570.1	504671.0	5410788.3	33324.80078	331.55	0	48.850046	-86.936330	56479.40	56237.9	12.09	56491.49	56496.48828	56620.64547	56621.66016	504671.0	5410788.3
L4570.1	504671.0	5410788.3	33324.89844	331.63	0	48.850046	-86.936330	56478.70	56237.9	12.09	56490.79	56495.91797	56628.13512	56629.25391	504671.0	5410788.3
L4570.1	504670.9	5410786.9	33325.00000	332.23	0	48.850033	-86.936330	56476.94	56237.9	12.09	56489.03	56494.28906	56613.49171	56614.71094	504670.9	5410786.9
L4570.1	504670.9	5410785.3	33325.10156	334.16	0	48.850019	-86.936330	56476.18	56237.9	12.09	56488.27	56493.65625	56620.50794	56621.82813	504670.9	5410785.3
L4570.1	504670.9	5410783.5	33325.19922	333.53	0	48.850003	-86.936330	56474.34	56237.9	12.09	56486.44	56491.94922	56605.23997	56606.66016	504670.9	5410783.5
L4570.1	504670.9	5410783.5	33325.30078	334.24	0	48.850003	-86.936330	56473.63	56237.9	12.10	56485.72	56491.35547	56613.96125	56615.47656	504670.9	5410783.5
L4570.1	504670.9	5410781.9	33325.39844	331.91	0	48.849989	-86.936330	56471.84	56237.9	12.10	56483.94	56489.69531	56600.59532	56602.20703	504670.9	5410781.9
L4570.1	504670.9	5410780.5	33325.50000	329.43	0	48.849976	-86.936330	56470.62	56237.9	12.10	56482.72	56488.59375	56599.53024	56601.23828	504670.9	5410780.5
L4570.1	504670.9	5410780.5	33325.60156	331.18	0	48.849976	-86.936330	56469.16	56237.9	12.10	56481.27	56487.25781	56593.97851	56595.77734	504670.9	5410780.5
L4570.1	504670.9	5410778.5	33325.69922	327.86	0	48.849958	-86.936331	56467.63	56237.9	12.10	56479.74	56485.84375	56587.10428	56588.99609	504670.9	5410778.5
L4570.1	504670.9	5410777.0	33325.80078	328.74	0	48.849944	-86.936331	56466.38	56237.9	12.11	56478.49	56484.70703	56586.56498	56588.54688	504670.9	5410777.0
L4570.1	504670.9	5410775.6	33325.89844	325.36	0	48.849932	-86.936331	56464.46	56237.9	12.11	56476.57	56482.89453	56572.05367	56574.12500	504670.9	5410775.6
L4570.1	504670.9	5410775.6	33326.00000	328.50	0	48.849932	-86.936331	56463.47	56237.9	12.11	56475.58	56482.01563	56577.73493	56579.89844	504670.9	5410775.6
L4570.1	504670.9	5410774.2	33326.10156	330.06	0	48.849919	-86.936330	56461.61	56237.9	12.11	56473.72	56480.26172	56565.08993	56567.33984	504670.9	5410774.2
L4570.1	504670.9	5410774.2	33326.19922	327.87	0	48.849919	-86.936330	56460.66	56237.9	12.11	56472.77	56479.41406	56572.23838	56574.57422	504670.9	5410774.2
L4570.1	504670.9	5410772.2	33326.30078	330.38	0	48.849901	-86.936330	56458.68	56237.9	12.11	56470.79	56477.53516	56557.54536	56559.96484	504670.9	5410772.2
L4570.1	504670.9	5410770.4	33326.39844	331.31	0	48.849885	-86.936330	56457.22	56237.9	12.11	56469.33	56476.17578	56554.25821	56556.76563	504670.9	5410770.4
L4570.1	504670.9	5410770.4	33326.50000	331.95	0	48.849885	-86.936330	56455.15	56237.9	12.11	56467.26	56474.20703	56538.09399	56540.68359	504670.9	5410770.4
L4570.1	504670.9	5410768.8	33326.60156	332.91	0	48.849870	-86.936330	56453.70	56237.9	12.11	56465.81	56472.85156	56535.47461	56538.14844	504670.9	5410768.8
L4570.1	504670.9	5410768.8	33326.60156	332.91	0	48.849870	-86.936330	56452.04	56237.9	12.11	56464.15	56471.28516	56528.56548	56531.32031	504670.9	5410768.8
L4570.1	504670.9	5410767.0	33326.80078	334.97	0	48.849855	-86.936330	56450.71	56237.9	12.11	56462.82	56470.05078	56528.93655	56531.76953	504670.9	5410767.0
L4570.1	504670.9	5410764.8	33326.89844	333.40	0	48.849835	-86.936330	56449.43	56237.9	12.11	56461.54	56468.85938	56530.56088	56533.47656	504670.9	5410764.8
L4570.1	504670.9	5410764.8	33327.00000	332.17	0	48.849835	-86.936330	56447.80	56237.9	12.11	56459.91	56467.32031	56524.89688	56527.89063	504670.9	5410764.8
L4570.1	504671.0	5410763.2	33327.10156	332.19	0	48.849820	-86.936330	56446.12	56237.9	12.11	56458.23	56465.72656	56518.36657	56521.43750	504671.0	5410763.2
L4570.1	504671.0	5410763.2	33327.19922	331.72	0	48.849820	-86.936330	56443.95	56237.9	12.11	56456.06	56463.64453	56501.63286	56504.78125	504671.0	5410763.2
L4570.1	504671.0	5410761.4	33327.30078	330.43	0	48.849804	-86.936330	56442.75	56237.9	12.11	56454.86	56462.52734	56505.64725	56508.87109	504671.0	5410761.4
L4570.1	504671.0	5410759.7	33327.39844	330.97	0	48.849789	-86.936330	56440.98	56237.9	12.11	56453.09	56460.83984	56497.73771	56501.03516	504671.0	5410759.7
L4570.1	504671.0	5410759.7	33327.50000	328.74	0	48.849789	-86.936330	56439.58	56237.9	12.11	56451.69	56459.51953	56497.76525	56501.13672	504671.0	5410759.7
L4570.1	504671.0	5410759.7	33327.60156	330.12	0	48.849789	-86.936330	56437.46	56237.9	12.11	56449.57	56457.47656	56482.75597	56486.20313	504671.0	5410759.7
L4570.1	504671.0	5410757.9	33327.69922	328.04	0	48.849773	-86.936329	56435.73	56237.9	12.11	56447.84	56455.82422	56476.06804	56479.58594	504671.0	5410757.9
L4570.1	504671.1	5410756.3	33327.80078	325.81	0	48.849758	-86.936329	56433.99	56237.9	12.11	56446.10	56454.16016	56469.26101	56472.84766	504671.1	5410756.3
L4570.1	504671.1	5410754.4	33327.89844	325.50	0	48.849742	-86.936328	56432.36	56237.9	12.11	56444.47	56452.60547	56464.82275	56468.48047	504671.1	5410754.4
L4570.1	504671.1	5410754.4	33328.00000	324.10	0	48.849742	-86.936328	56430.91	56237.9	12.11	56443.02	56451.22656	56464.18158	56467.91016	504671.1	5410754.4
L4570.1	504671.1	5410752.8	33328.10156	326.20	0	48.849727	-86.936328	56429.12	56237.9	12.11	56441.23	56449.50781	56456.47924	56460.27734	504671.1	5410752.8
L4570.1	504671.2	5410751.4	33328.19922	328.80	0	48.849715	-86.936327	56427.66	56237.9	12.11	56439.77	56448.11719	56455.65689	56459.52344	504671.2	5410751.4
L4570.1	504671.2	5410751.4	33328.30078	330.29	0	48.849715	-86.936327	56425.68	56237.9	12.11	56437.78	56446.19531	56443.79722	56447.72656	504671.2	5410751.4
L4570.1	504671.2	5410749.3	33328.39844	332.92	0	48.849695	-86.936327	56424.22	56237.9	12.11	56436.32	56444.80078	56442.92599	56446.92188	504671.2	5410749.3
L4570.1	504671.2	5410749.3	33328.50000	330.63	0	48.849695	-86.936327	56422.51	56237.9	12.10	56434.62	56443.16406	56437.00687	56441.07031	504671.2	5410749.3
L4570.1	504671.2	5410747.5	33328.60156	330.94	0	48.849679	-86.936327	56421.13	56237.9	12.10	56433.24	56441.84766	56437.67587	56441.80469	504671.2	5410747.5
L4570.1	504671.2	5410746.1	33328.60156	330.94	0	48.849667	-86.936327	56419.42	56237.9	12.10	56431.53	56440.19922	56431.37647	56435.56641	504671.2	5410746.1
L4570.1	504671.2	5410746.1	33328.80078	331.78	0	48.849667	-86.936327	56417.94	56237.9	12.10	56430.04	56438.76953	56429.55483	56433.80859	504671.2	5410746.1
L4570.1	504671.2	5410744.7	33328.89844	331.58	0	48.849654	-86.936327	56416.67	56237.9	12.10	56428.77	56437.55859	56432.21715	56436.53125	504671.2	5410744.7
L4570.1	504671.2	5410742.5	33329.00000	331.76	0	48.849635	-86.936327	56415.08	56237.9	12.10	56427.18	56436.02734	56428.04439	56432.42188	504671.2	5410742.5
L4570.1	504671.2	5410742.5	33329.10156	331.09	0	48.849635	-86.936327	56413.63	56237.9	12.10	56425.73	56434.63281	56426.65125	56431.08984	504671.2	5410742.5
L4570.1	504671.2	5410741.1	33329.19922	330.16	0	48.849622	-86.936327	56411.87	56237.9	12.10	56423.97	56432.92969	56418.57436	56423.07031	504671.2	5410741.1
L4570.1	504671.2	5410739.5	33329.30078	330.83	0	48.849608	-86.936327	56410.62	56237.9	12.10	56422.72	56431.73438	56421.03505	56425.58984	504671.2	5410739.5
L4570.1	504671.2	5410739.5	33329.39844	329.07	0	48.849608	-86.936327	56408.81	56237.9	12.10	56420.91	56429.97656	56411.52509	56416.14063	504671.2	5410739.5
L4570.1	504671.2	5410737.9	33329.50000	330.88	0	48.849593	-86.936327	56407.89	56237.9	12.11	56419.99	56429.10547	56420.52675	56425.19922	504671.2	5410737.9
L4570.1	504671.2	5410737.9	33329.60156	330.32	0	48.849593	-86.936327	56406.13	56237.9	12.11	56418.23	56427.39453	56411.65169	56416.38281	504671.2	5410737.9
L4570.1	504671.2	5410735.7	33329.69922	328.09	0	48.849573	-86.936327	56404.88	56237.9	12.11	56416.99	56426.20313	56413.46976	56418.25391	504671.2	5410735.7
L4570.1	504671.2	5410735.7	33329.80078	329.89	0	48.849573	-86.936327	56403.39	56237.9	12.11	56415.50	56424.76172	56409.80451	56414.64453	504671.2	5410735.7
L4570.1	504671.2	5410734.1	33329.89844	330.25	0	48.849559	-86.936327	56401.91	56237.9	12.11	56414.02	56423.32813	56406.10630	56411.00000	504671.2	5410734.1
L4570.1	504671.2	5410732.3	33330.00000	331.26	0	48.849542	-86.936327	56400.41	56237.9	12.11	56412.52	56421.87109	56401.74071	56406.68750	504671.2	5410732.3
L4570.1	504671.2	5410730.7	33330.10156	328.39	0	48.849528	-86.936327	56399.28	56237.9	12.11	56411.39	56420.78516	56404.80161	56409.80078	504671.2	5410730.7
L4570.1	504671.2	5410730.7	33330.19922	328.02	0	48.849528	-86.936327	56398.27	56237.9	12.11	56410.37	56419.80859	56409.84123	56414.89063	504671.2	5410730.7
L4570.1	504671.2	5410728.8	33330.30078	330.00	0	48.849511	-86.936327	56396.68	56237.9	12.11	56408.79	56418.26953	56402.98254	56408.08203	504671.2	5410728.8
L4570.1	504671.2	5410728.8	33330.39844	329.19	0	48.849511	-86.936327	56395.31	56237.9	12.11	56407.42	56416.93750	56400.18396	56405.33594	504671.2	5410728.8
L4570.1	504671.2	5410727.4	33330.50000	329.27	0	48.849498	-86.936327	56393.54	56237.9	12.10	56405.65	56415.20703	56388.83873	56394.04297	504671.2	5410727.4
L4570.1	504671.2	5410725.7	33330.60156	327.55	0	48.849483	-86.936327	56392.66	56237.9	12.10	56404.76	56414.35547	56395.33303	56400.58203	504671.2	5410725.7
L4570.1	504671.2	5410725.7	33330.60156	327.55	0	48.849483	-86.936327	56391.35	56237.9	12.10	56403.45	56413.08203	56392.85430	56398.15234	504671.2	5410725.7
L4570.1	504671.2	5410724.3	33330.80078	329.39	0	48.849471	-86.936327	56390.64	56237.9	12.10	56402.74	56412.40625	56402.38796	56407.73047	504671.2	5410724.3
L4570.1	504671.2	5410722.7	33330.89844	328.29	0	48.849456	-86.936327	56389.26	56237.9	12.10	56401.36	56411.06250	56397.82409	56403.21484	504671.2	5410722.7
L4570.1	504671.2	5410722.7	33331.00000	328.84	0	48.849456	-86.936327	56388.00	56237.9	12.10	56400.10	56409.83594	56395.40211	56400.83984	504671.2	5410722.7
L4570.1	504671.2	5410721.0	33331.10156	330.72	0	48.849441	-86.936327	56386.53	56237.9	12.10	56398.62	56408.38672	56388.14716	56393.62891	504671.2	5410721.0
L4570.1	504671.2	5410719.4	33331.19922	329.98	0	48.849427	-86.936327	56385.73	56237.9	12.09	56397.83	56407.62891	56394.69491	56400.21484	504671.2	5410719.4
L4570.1	504671.2	5410719.4	33331.30078	329.60	0	48.849427	-86.936327	56384.66	56237.9	12.09	56396.75	56406.57813	56394.96534	56400.52734	504671.2	5410719.4
L4570.1	504671.2	5410718.1	33331.39844	329.14	0	48.849414	-86.936327	56383.59	56237.9	12.08	56395.67	56405.52734	56394.89959	56400.50391	504671.2	5410718.1
L4570.1	504671.2	5410716.2	33331.50000	330.00	0	48.849397	-86.936328	56382.39	56237.9	12.08	56394.47	56404.35547	56392.04548	56397.69141	504671.2	5410716.2

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4570.1	504671.1	5410714.8	33331.60156	329.67	0	48.849385	-86.936328	56381.27	56237.9	12.08	56393.35	56403.26563	56390.48987	56396.17578	504671.1	5410714.8
L4570.1	504671.1	5410714.8	33331.69922	330.24	0	48.849385	-86.936328	56380.38	56237.9	12.07	56392.45	56402.39063	56393.10033	56398.82422	504671.1	5410714.8
L4570.1	504671.1	5410713.3	33331.80078	330.59	0	48.849371	-86.936329	56379.25	56237.9	12.07	56391.32	56401.28516	56390.66927	56396.42969	504671.1	5410713.3
L4570.1	504671.1	5410712.1	33331.89844	327.68	0	48.849361	-86.936329	56377.98	56237.9	12.06	56390.04	56400.02734	56384.81111	56390.60938	504671.1	5410712.1
L4570.1	504671.1	5410710.5	33332.00000	328.82	0	48.849346	-86.936329	56376.75	56237.9	12.06	56388.81	56398.82031	56379.61778	56385.45313	504671.1	5410710.5
L4570.1	504671.1	5410710.5	33332.10156	327.77	0	48.849346	-86.936329	56376.19	56237.9	12.06	56388.25	56398.28516	56387.93570	56393.80469	504671.1	5410710.5
L4570.1	504671.0	5410708.9	33332.19922	328.37	0	48.849332	-86.936330	56375.32	56237.9	12.05	56387.37	56397.42578	56389.33924	56395.24219	504671.0	5410708.9
L4570.1	504671.0	5410708.9	33332.30078	326.26	0	48.849332	-86.936330	56374.66	56237.9	12.05	56386.71	56396.78516	56395.03011	56400.96484	504671.0	5410708.9
L4570.1	504671.0	5410707.3	33332.39844	328.19	0	48.849317	-86.936330	56373.43	56238	12.05	56385.48	56395.57422	56388.48797	56394.45313	504671.0	5410707.3
L4570.1	504671.0	5410705.4	33332.50000	329.00	0	48.849300	-86.936330	56372.62	56238	12.04	56384.66	56394.77344	56390.21313	56396.21094	504671.0	5410705.4
L4570.1	504671.0	5410704.0	33332.60156	327.96	0	48.849288	-86.936331	56371.54	56238	12.04	56383.58	56393.71094	56386.13125	56392.16016	504671.0	5410704.0
L4570.1	504671.0	5410704.0	33332.60156	327.96	0	48.849288	-86.936331	56370.78	56238	12.04	56382.82	56392.96484	56388.50513	56394.55859	504671.0	5410704.0
L4570.1	504670.9	5410702.2	33332.80078	333.05	0	48.849271	-86.936331	56369.68	56238	12.04	56381.72	56391.88281	56383.32979	56389.41016	504670.9	5410702.2
L4570.1	504670.9	5410702.2	33332.89844	331.64	0	48.849271	-86.936331	56368.84	56238	12.03	56380.87	56391.04688	56383.16340	56389.27344	504670.9	5410702.2
L4570.1	504670.9	5410700.6	33333.00000	334.86	0	48.849257	-86.936332	56367.90	56238	12.03	56379.93	56390.12109	56380.75994	56386.89453	504670.9	5410700.6
L4570.1	504670.8	5410698.4	33333.10156	333.30	0	48.849238	-86.936332	56367.26	56238	12.03	56379.29	56389.49219	56384.49875	56390.65625	504670.8	5410698.4
L4570.1	504670.8	5410698.4	33333.19922	335.78	0	48.849238	-86.936332	56366.46	56238	12.02	56378.49	56388.70313	56384.50610	56390.68750	504670.8	5410698.4
L4570.1	504670.8	5410698.4	33333.30078	334.02	0	48.849238	-86.936332	56365.50	56238	12.02	56377.52	56387.74609	56380.55437	56386.75781	504670.8	5410698.4
L4570.1	504670.8	5410696.7	33333.39844	332.56	0	48.849222	-86.936333	56364.60	56238	12.02	56376.62	56386.85547	56377.82173	56384.04688	504670.8	5410696.7
L4570.1	504670.8	5410695.2	33333.50000	331.66	0	48.849208	-86.936333	56363.87	56238	12.01	56375.88	56386.12109	56378.25742	56384.50000	504670.8	5410695.2
L4570.1	504670.7	5410693.5	33333.60156	332.59	0	48.849193	-86.936334	56363.48	56238	12.01	56375.49	56385.74219	56385.94364	56392.20703	504670.7	5410693.5
L4570.1	504670.7	5410693.5	33333.69922	330.87	0	48.849193	-86.936334	56362.79	56238	12.01	56374.80	56385.05859	56386.88744	56393.16406	504670.7	5410693.5
L4570.1	504670.7	5410692.0	33333.80078	332.77	0	48.849179	-86.936335	56361.95	56238	12.01	56373.95	56384.21484	56384.13313	56390.42578	504670.7	5410692.0
L4570.1	504670.7	5410690.1	33333.89844	330.92	0	48.849163	-86.936335	56360.98	56238	12.00	56372.98	56383.25000	56378.57823	56384.88672	504670.7	5410690.1
L4570.1	504670.7	5410690.1	33334.00000	332.44	0	48.849163	-86.936335	56360.44	56238	12.00	56372.44	56382.71484	56381.93926	56388.26563	504670.7	5410690.1
L4570.1	504670.6	5410688.5	33334.10156	328.68	0	48.849148	-86.936336	56359.66	56238	12.00	56371.65	56381.92578	56379.74455	56386.08203	504670.6	5410688.5
L4570.1	504670.6	5410686.8	33334.19922	329.04	0	48.849133	-86.936336	56359.02	56238	12.00	56371.01	56381.28906	56380.48398	56386.83203	504670.6	5410686.8
L4570.1	504670.6	5410686.8	33334.30078	329.43	0	48.849133	-86.936336	56358.40	56238	11.99	56370.40	56380.67969	56381.61241	56387.96875	504670.6	5410686.8
L4570.1	504670.6	5410685.2	33334.39844	328.51	0	48.849119	-86.936336	56357.43	56238	11.99	56369.43	56379.71094	56375.03837	56381.40625	504670.6	5410685.2
L4570.1	504670.6	5410685.2	33334.50000	327.86	0	48.849119	-86.936336	56356.92	56238	11.99	56368.91	56379.19141	56377.61402	56383.98828	504670.6	5410685.2
L4570.1	504670.5	5410683.4	33334.60156	328.49	0	48.849102	-86.936337	56356.28	56238	11.99	56368.27	56378.55078	56377.49895	56383.88281	504670.5	5410683.4
L4570.1	504670.5	5410681.9	33334.60156	328.49	0	48.849089	-86.936337	56355.75	56238	11.99	56367.74	56378.01953	56379.44335	56385.82813	504670.5	5410681.9
L4570.1	504670.5	5410680.8	33334.80078	327.70	0	48.849079	-86.936337	56355.21	56238	11.98	56367.20	56377.47656	56380.98953	56387.37891	504670.5	5410680.8
L4570.1	504670.5	5410679.2	33334.89844	328.56	0	48.849064	-86.936338	56354.52	56238	11.98	56366.51	56376.78125	56379.31123	56385.70313	504670.5	5410679.2
L4570.1	504670.5	5410679.2	33335.00000	328.26	0	48.849064	-86.936338	56353.43	56238	11.98	56365.41	56375.67969	56369.16741	56375.56250	504670.5	5410679.2
L4570.1	504670.5	5410677.3	33335.10156	326.72	0	48.849047	-86.936338	56352.68	56238	11.98	56364.66	56374.92188	56365.97526	56372.37109	504670.5	5410677.3
L4570.1	504670.5	5410677.3	33335.19922	327.62	0	48.849047	-86.936338	56352.33	56238	11.98	56364.30	56374.55859	56370.51810	56376.91406	504670.5	5410677.3
L4570.1	504670.4	5410675.6	33335.30078	329.10	0	48.849033	-86.936338	56351.79	56238	11.97	56363.77	56374.01953	56371.46340	56377.85547	504670.4	5410675.6
L4570.1	504670.4	5410673.9	33335.39844	329.69	0	48.849017	-86.936339	56351.00	56238	11.97	56362.98	56373.22266	56367.00023	56373.39063	504670.4	5410673.9
L4570.1	504670.4	5410673.9	33335.50000	329.32	0	48.849017	-86.936339	56350.26	56238	11.97	56362.23	56372.46484	56363.20048	56369.58594	504670.4	5410673.9
L4570.1	504670.4	5410671.8	33335.60156	328.30	0	48.848998	-86.936339	56349.95	56238	11.97	56361.92	56372.14453	56368.15024	56374.53125	504670.4	5410671.8
L4570.1	504670.4	5410671.8	33335.69922	330.17	0	48.848998	-86.936339	56350.04	56238	11.97	56362.00	56372.21484	56380.82450	56387.19531	504670.4	5410671.8
L4570.1	504670.4	5410670.7	33335.80078	327.54	0	48.848988	-86.936339	56348.66	56238	11.96	56360.62	56370.82031	56363.89271	56370.25781	504670.4	5410670.7
L4570.1	504670.4	5410669.5	33335.89844	329.94	0	48.848977	-86.936340	56348.16	56238	11.96	56360.13	56370.32031	56364.78916	56371.14453	504670.4	5410669.5
L4570.1	504670.3	5410667.6	33336.00000	331.46	0	48.848960	-86.936340	56347.31	56238	11.96	56359.26	56369.43750	56357.92390	56364.26953	504670.3	5410667.6
L4570.1	504670.3	5410667.6	33336.10156	334.71	0	48.848960	-86.936340	56347.14	56238	11.96	56359.10	56369.26172	56365.17956	56371.51563	504670.3	5410667.6
L4570.1	504670.3	5410666.2	33336.19922	333.07	0	48.848948	-86.936340	56345.95	56238	11.96	56357.91	56368.05859	56351.71297	56358.03516	504670.3	5410666.2
L4570.1	504670.3	5410664.8	33336.30078	332.92	0	48.848935	-86.936340	56345.94	56238	11.96	56357.90	56368.03125	56361.69045	56367.99609	504670.3	5410664.8
L4570.1	504670.3	5410664.8	33336.39844	330.36	0	48.848935	-86.936340	56345.18	56238	11.96	56357.14	56367.25391	56356.60737	56362.90234	504670.3	5410664.8
L4570.1	504670.3	5410663.3	33336.50000	329.92	0	48.848922	-86.936340	56345.16	56238	11.96	56357.12	56367.21875	56366.10220	56372.38281	504670.3	5410663.3
L4570.1	504670.3	5410662.3	33336.60156	327.99	0	48.848912	-86.936340	56344.21	56238	11.95	56356.17	56366.25000	56357.05000	56363.31250	504670.3	5410662.3
L4570.1	504670.3	5410660.9	33336.60156	327.99	0	48.848900	-86.936340	56344.14	56238	11.95	56356.10	56366.16016	56365.32119	56371.56641	504670.3	5410660.9
L4570.1	504670.3	5410660.9	33336.80078	328.60	0	48.848900	-86.936340	56343.78	56238	11.95	56355.73	56365.76953	56367.55555	56373.77734	504670.3	5410660.9
L4570.1	504670.3	5410659.0	33336.89844	326.27	0	48.848883	-86.936341	56343.39	56238	11.95	56355.35	56365.37109	56369.50461	56375.70703	504670.3	5410659.0
L4570.1	504670.3	5410659.0	33337.00000	324.51	0	48.848883	-86.936341	56342.86	56238.1	11.95	56354.81	56364.80859	56368.19834	56374.38281	504670.3	5410659.0
L4570.1	504670.3	5410656.9	33337.10156	324.76	0	48.848864	-86.936341	56342.04	56238.1	11.95	56353.99	56363.96875	56361.22429	56367.38672	504670.3	5410656.9
L4570.1	504670.3	5410655.3	33337.19922	325.43	0	48.848849	-86.936341	56342.10	56238.1	11.95	56354.05	56364.00391	56371.71599	56377.85547	504670.3	5410655.3
L4570.1	504670.3	5410653.6	33337.30078	325.20	0	48.848835	-86.936341	56341.30	56238.1	11.95	56353.25	56363.17969	56364.93791	56371.05078	504670.3	5410653.6
L4570.1	504670.3	5410652.3	33337.39844	326.18	0	48.848822	-86.936341	56340.92	56238.1	11.95	56352.86	56362.76563	56366.29857	56372.38672	504670.3	5410652.3
L4570.1	504670.3	5410652.3	33337.50000	329.32	0	48.848822	-86.936341	56339.49	56238.1	11.94	56351.44	56361.32031	56346.60675	56352.67188	504670.3	5410652.3
L4570.1	504670.3	5410650.6	33337.60156	329.31	0	48.848808	-86.936341	56339.08	56238.1	11.94	56351.03	56360.88281	56347.27098	56353.30859	504670.3	5410650.6
L4570.1	504670.3	5410650.6	33337.69922	331.43	0	48.848808	-86.936341	56338.68	56238.1	11.94	56350.62	56360.44531	56347.85530	56353.86328	504670.3	5410650.6
L4570.1	504670.3	5410649.1	33337.80078	334.08	0	48.848794	-86.936341	56338.88	56238.1	11.94	56350.82	56360.61719	56361.12555	56367.10547	504670.3	5410649.1
L4570.1	504670.2	5410647.0	33337.89844	330.98	0	48.848775	-86.936341	56338.80	56238.1	11.94	56350.74	56360.50781	56368.65210	56374.60156	504670.2	5410647.0
L4570.1	504670.2	5410645.9	33338.00000	330.40	0	48.848766	-86.936341	56338.50	56238.1	11.94	56350.44	56360.17969	56371.54700	56377.46875	504670.2	5410645.9
L4570.1	504670.2	5410645.9	33338.10156	330.89	0	48.848766	-86.936341	56338.24	56238.1	11.94	56350.18	56359.89063	56375.26901	56381.15625	504670.2	5410645.9
L4570.1	504670.2	5410644.3	33338.19922	334.30	0	48.848751	-86.936342	56337.14	56238.1	11.94	56349.08	56358.75781	56360.68169	56366.53906	504670.2	5410644.3
L4570.1	504670.2	5410644.3	33338.30078	333.64	0	48.848751	-86.936342	56337.07	56238.1	11.94	56349.00	56358.64453	56368.11669	56373.93750	504670.2	5410644.3
L4570.1	504670.2	5410642.4	33338.39844	333.31	0	48.848734	-86.936342	56336.02	56238.1	11.94	56347.96	56357.57422	56354.32877	56360.11719	504670.2	5410642.4
L4570.1	504670.1	5410641.0	33338.50000	333.49	0	48.848721	-86.936343	56335.94	56238.1	11.93	56347.87	56357.44922	56361.38946	56367.14063	504670.1	5410641.0
L4570.1	504670.1	5410641.0	33338.60156	334.19	0	48.848721	-86.936343	56334.97	56238.1	11.93	56346.91	56356.45703	56348.96147	56354.67969	504670.1	5410641.0
L4570.1	504670.1	5410639.7	33338.60156	334.19	0	48.848710	-86.936343	56335.28	56238.1	11.93	56347.21	56356.71875	56364.60284	56370.28125	504670.1	5410639.7
L4570.1	504670.1	5410638.1	33338.80078	335.96	0	48.848695	-86.936343	56335.36	56238.1	11.93	56347.29	56356.76563	56375.25004	56380.89063	504670.1	5410638.1
L4570.1	504670.1	5410636.6	33338.89844	333.67	0	48.848681	-86.936344	56335.15	56238.1	11.93	56347.08	56356.51563	56379.25066	56384.85156	504670.1	5410636.6
L4570.1	504670.1	5410636.6	33339.00000	333.78	0	48.848681	-86.936344	56334.41	56238.1	11.93	56346.34	56355.73828	56371.21232	56376.77734	504670.1	5410636.6
L4570.1	504670.0	5410635.2	33339.10156	334.51	0	48.848669	-86.936344	56333.75	56238.1	11.93	56345.68	56355.04297	56364.87147	56370.39844	504670.0	5410635.2
L4570.1	504670.0	5410633.6	33339.19922	334.72	0	48.848654	-86.936345	56333.34	56238.1	11.93	56345.27	56354.59375	56364.02516	56369.50781	504670.0	5410633.6
L4570.1	504670.0	5410632.2	33339.30078	333.20	0	48.848642	-86.936345	56332.53	56238.1	11.92	56344.45	56353.73438	56353.99568	56359.43750	504670.0	5410632.2
L4570.1	504669.9	5410630.6	33339.39844	333.85	0	48.848628	-86.936346	56332.34	56238.1	11.92	56344.27	56353.51172	56358.07247	56363.46875	504669.9	5410630.6
L4570.1	504669.9	5410630.6	33339.50000	334.62	0	48.848628	-86.936346	56331.73	56238.1	11.92	56343.65	56352.85156	56352.36905	56357.72266	504669.9	5410630.6
L4570.1	504669.9	5410630.6	33339.60156	331.67	0	48.848628	-86.936346	56331.94	56238.1	11.92	56343.86	56353.01953	56364.72718	56370.03906	504669.9	5410630.6
L4570.1	504669.9	5410627.7	33339.69922	330.07	0	48.848601	-86.936346	56331.27	56238.1	11.92	56343.19	56352.30859	56357.78897	56363.05469	504669.9	5410627.7
L4570.1	504669.9	5410627.7	33339.80078	327.97	0	48.848601	-86.936346	56331.12	56238.1	11.91	56343.04	56352.11328	56362.05639	56367.27734	504669.9	5410627.7
L4570.1	504669.9	5410626.2	33339.89844	326.68	0	48.848588	-86.936346	56330.71	56238.1	11.91	56342.63	56351.66016	56360.62393	56365.79688	504669.9	5410626.2
L4570.1	504669.9	5410626.2	33340.00000	325.70	0	48.848588	-86.936346	56330.38	56238.1	11.91	56342.29	56351.27344	56360.62885	56365.75391	504669.9	5410626.2
L4570.1	504669.9	5410624.6	33340.10156	326.03	0	48.848574	-86.936347	56329.92	56238.1	11.91	56341.83	56350.76953	56358.00816	56363.08984	504669.9	5410624.6
L4570.1	504669.9	5410624.6	33340.19922	327.15	0	48.848574	-86.936347	56329.36	56238.1	11.91	56341.27	56350.16406	56353.21008	56358.24219	504669.9	5410624.6
L4570.1	504669.8	5410623.2	33340.30078	328.98	0	48.848561	-86.936347	56329.08	56238.1	11.91	56340.99	56349.83594	56354.30927	56359.28906	504669.8	5410623.2
L4570.1	504669.8	5410621.3	33340.39844	329.30	0	48.848544	-86.936347	56329.03	56238.1	11.91	56340.93	56349.73047	56360.00778	56364.93750	504669.8	5410621.3
L4570.1	504669.8	5410619.9	33340.50000	330.24	0	48.848532	-86.936347	56329.41	56238.1	11.90	56341.32	56350.07031	56375.18679	56380.06641	504669.8	5410619.9
L4570.1	504669.8	5410619.9	33340.60156	333.09	0	48.848532	-86.936347	56328.66	56238.1	11.90	56340.57	56349.27344	56366.14510	56370.97266	504669.8	5410619.9
L4570.1	504669.8	5410618.1	33340.60156	333.09	0	48.848515	-86.936348	56328.04	56238.1	11.90	56339.94	56348.59375	56359.58598	56364.36328	504669.8	5410618.1
L4570.1	504669.8	5410616.8	33340.80078	332.56	0	48.848503	-86.936348	56326.94	56238.1	11.90	56338.84	56347.44141	56342.93734	56347.66016	504669.8	5410616.8

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4570.1	504669.8	5410616.8	33340.89844	331.49	0	48.848503	-86.936348	56326.61	56238.1	11.90	56338.51	56347.06250	56342.59166	56347.25781	504669.8	5410616.8
L4570.1	504669.8	5410615.0	33341.00000	332.34	0	48.848487	-86.936348	56326.42	56238.1	11.90	56338.32	56346.82031	56345.18566	56349.80078	504669.8	5410615.0
L4570.1	504669.8	5410613.8	33341.10156	331.74	0	48.848477	-86.936348	56326.35	56238.1	11.90	56338.25	56346.69922	56350.32519	56354.88672	504669.8	5410613.8
L4570.1	504669.8	5410612.5	33341.19922	334.47	0	48.848464	-86.936348	56326.33	56238.1	11.90	56338.23	56346.62500	56356.53222	56361.03906	504669.8	5410612.5
L4570.1	504669.8	5410612.5	33341.30078	332.48	0	48.848464	-86.936348	56325.84	56238.1	11.90	56337.74	56346.08203	56352.53037	56356.97656	504669.8	5410612.5
L4570.1	504669.8	5410610.4	33341.39844	333.34	0	48.848446	-86.936348	56325.73	56238.1	11.90	56337.63	56345.91797	56356.72324	56361.11328	504669.8	5410610.4
L4570.1	504669.8	5410610.4	33341.50000	332.28	0	48.848446	-86.936348	56325.20	56238.1	11.90	56337.09	56345.32422	56351.47498	56355.80469	504669.8	5410610.4
L4570.1	504669.8	5410608.8	33341.60156	323.51	0	48.848432	-86.936348	56325.20	56238.1	11.89	56337.09	56345.26953	56357.99603	56362.26953	504669.8	5410608.8
L4570.1	504669.8	5410607.2	33341.69922	323.18	0	48.848417	-86.936348	56324.46	56238.1	11.89	56336.35	56344.47266	56348.18570	56352.40234	504669.8	5410607.2
L4570.1	504669.8	5410607.2	33341.80078	332.74	0	48.848417	-86.936348	56324.52	56238.1	11.89	56336.41	56344.47656	56355.94796	56360.10156	504669.8	5410607.2
L4570.1	504669.7	5410604.0	33341.89844	331.33	0	48.848388	-86.936348	56323.92	56238.1	11.89	56335.81	56343.82031	56349.05978	56353.15234	504669.7	5410604.0
L4570.1	504669.7	5410604.0	33342.00000	330.55	0	48.848388	-86.936348	56323.72	56238.1	11.89	56335.61	56343.56250	56350.96937	56355.00000	504669.7	5410604.0
L4570.1	504669.7	5410604.0	33342.10156	330.55	0	48.848388	-86.936348	56323.62	56238.1	11.89	56335.51	56343.40234	56355.05174	56359.02344	504669.7	5410604.0
L4570.1	504669.7	5410602.2	33342.19922	333.61	0	48.848372	-86.936349	56323.54	56238.1	11.89	56335.43	56343.26563	56359.53069	56363.44141	504669.7	5410602.2
L4570.1	504669.7	5410600.8	33342.30078	332.27	0	48.848360	-86.936349	56323.28	56238.1	11.90	56335.18	56342.95703	56360.17750	56364.02344	504669.7	5410600.8
L4570.1	504669.7	5410600.8	33342.39844	332.10	0	48.848360	-86.936349	56322.80	56238.1	11.90	56334.70	56342.41797	56355.65512	56359.43750	504669.7	5410600.8
L4570.1	504669.7	5410599.4	33342.50000	332.51	0	48.848347	-86.936349	56322.47	56238.1	11.90	56334.37	56342.02734	56354.42536	56358.14453	504669.7	5410599.4
L4570.1	504669.7	5410597.6	33342.60156	333.01	0	48.848331	-86.936349	56321.88	56238.1	11.90	56333.78	56341.37500	56347.36798	56351.02344	504669.7	5410597.6
L4570.1	504669.7	5410597.6	33342.60156	333.01	0	48.848331	-86.936349	56321.93	56238.1	11.90	56333.84	56341.37500	56354.72793	56358.31641	504669.7	5410597.6
L4570.1	504669.7	5410595.8	33342.80078	331.75	0	48.848315	-86.936350	56321.66	56238.1	11.91	56333.56	56341.03516	56354.48153	56358.00391	504669.7	5410595.8
L4570.1	504669.6	5410594.8	33342.89844	333.55	0	48.848306	-86.936350	56321.75	56238.1	11.91	56333.66	56341.07422	56362.63433	56366.08984	504669.6	5410594.8
L4570.1	504669.6	5410593.7	33343.00000	332.45	0	48.848295	-86.936350	56321.48	56238.1	11.91	56333.39	56340.73828	56362.52471	56365.91406	504669.6	5410593.7
L4570.1	504669.6	5410593.7	33343.10156	332.91	0	48.848295	-86.936350	56320.78	56238.1	11.91	56332.69	56339.97656	56352.84458	56356.16797	504669.6	5410593.7
L4570.1	504669.6	5410591.9	33343.19922	332.68	0	48.848280	-86.936351	56320.12	56238.1	11.91	56332.03	56339.25391	56344.03201	56347.28516	504669.6	5410591.9
L4570.1	504669.6	5410590.5	33343.30078	332.31	0	48.848267	-86.936351	56320.07	56238.1	11.90	56331.97	56339.13281	56348.47845	56351.66406	504669.6	5410590.5
L4570.1	504669.5	5410589.1	33343.39844	332.05	0	48.848254	-86.936351	56320.40	56238.1	11.90	56332.30	56339.39844	56361.50084	56364.61328	504669.5	5410589.1
L4570.1	504669.5	5410589.1	33343.50000	333.81	0	48.848254	-86.936351	56320.12	56238.1	11.90	56332.02	56339.05078	56360.99221	56364.03516	504669.5	5410589.1
L4570.1	504669.5	5410587.4	33343.60156	330.96	0	48.848239	-86.936352	56320.10	56238.1	11.90	56332.00	56338.96875	56366.18368	56369.16016	504669.5	5410587.4
L4570.1	504669.5	5410585.9	33343.69922	329.77	0	48.848225	-86.936352	56319.38	56238.1	11.90	56331.28	56338.18359	56355.91434	56358.82031	504669.5	5410585.9
L4570.1	504669.5	5410585.9	33343.80078	329.66	0	48.848225	-86.936352	56319.22	56238.1	11.89	56331.12	56337.95703	56357.95601	56360.78906	504669.5	5410585.9
L4570.1	504669.5	5410583.4	33343.89844	331.02	0	48.848203	-86.936352	56318.85	56238.1	11.89	56330.74	56337.51172	56355.13022	56357.89063	504669.5	5410583.4
L4570.1	504669.5	5410583.4	33344.00000	329.17	0	48.848203	-86.936352	56318.44	56238.1	11.89	56330.33	56337.03516	56351.62310	56354.31250	504669.5	5410583.4
L4570.1	504669.4	5410581.7	33344.10156	332.44	0	48.848188	-86.936353	56318.51	56238.1	11.89	56330.41	56337.05078	56358.83236	56361.45313	504669.4	5410581.7
L4570.1	504669.4	5410581.7	33344.19922	330.60	0	48.848188	-86.936353	56317.98	56238.1	11.90	56329.88	56336.45313	56352.64280	56355.19141	504669.4	5410581.7
L4570.1	504669.4	5410580.2	33344.30078	331.65	0	48.848175	-86.936353	56317.77	56238.1	11.90	56329.68	56336.18750	56353.65274	56356.12500	504669.4	5410580.2
L4570.1	504669.4	5410578.6	33344.39844	332.47	0	48.848160	-86.936353	56317.08	56238.1	11.91	56328.99	56335.42969	56343.92881	56346.32813	504669.4	5410578.6
L4570.1	504669.4	5410578.6	33344.50000	332.25	0	48.848160	-86.936353	56317.32	56238.1	11.91	56329.23	56335.60156	56354.48545	56356.80859	504669.4	5410578.6
L4570.1	504669.4	5410577.0	33344.60156	331.71	0	48.848145	-86.936353	56316.86	56238.1	11.91	56328.77	56335.07422	56349.73319	56351.98438	504669.4	5410577.0
L4570.1	504669.4	5410575.4	33344.60156	331.71	0	48.848131	-86.936353	56316.78	56238.1	11.91	56328.69	56334.92578	56353.23358	56355.41406	504669.4	5410575.4
L4570.1	504669.4	5410574.1	33344.80078	332.71	0	48.848119	-86.936353	56316.14	56238.1	11.92	56328.07	56334.23828	56344.94993	56347.05469	504669.4	5410574.1
L4570.1	504669.4	5410574.1	33344.89844	334.51	0	48.848119	-86.936353	56316.44	56238.1	11.93	56328.36	56334.46094	56356.42263	56358.44922	504669.4	5410574.1
L4570.1	504669.4	5410572.0	33345.00000	331.66	0	48.848100	-86.936354	56315.79	56238.1	11.93	56327.72	56333.75391	56347.64876	56349.59766	504669.4	5410572.0
L4570.1	504669.4	5410570.6	33345.10156	330.34	0	48.848088	-86.936354	56315.24	56238.1	11.93	56327.17	56333.13672	56340.81158	56342.68750	504669.4	5410570.6
L4570.1	504669.4	5410570.6	33345.19922	326.53	0	48.848088	-86.936354	56314.82	56238.1	11.93	56326.75	56332.64844	56336.77125	56338.57422	504669.4	5410570.6
L4570.1	504669.4	5410569.1	33345.30078	327.95	0	48.848075	-86.936353	56315.20	56238.1	11.93	56327.13	56332.95703	56349.98820	56351.71484	504669.4	5410569.1
L4570.1	504669.4	5410567.7	33345.39844	330.23	0	48.848062	-86.936353	56315.51	56238.1	11.93	56327.44	56333.19922	56361.60894	56363.25391	504669.4	5410567.7
L4570.1	504669.4	5410567.7	33345.50000	328.59	0	48.848062	-86.936353	56314.71	56238.1	11.93	56326.64	56332.33203	56349.26206	56350.83203	504669.4	5410567.7
L4570.1	504669.4	5410565.9	33345.60156	331.44	0	48.848045	-86.936353	56314.73	56238.1	11.93	56326.66	56332.28125	56354.53394	56356.02734	504669.4	5410565.9
L4570.1	504669.4	5410563.9	33345.69922	330.53	0	48.848028	-86.936353	56313.52	56238.1	11.93	56325.45	56331.00391	56333.39353	56334.81250	504669.4	5410563.9
L4570.1	504669.4	5410563.9	33345.80078	333.67	0	48.848028	-86.936353	56314.28	56238.1	11.93	56326.21	56331.69531	56354.42618	56355.76563	504669.4	5410563.9
L4570.1	504669.5	5410562.6	33345.89844	331.61	0	48.848015	-86.936353	56313.68	56238.1	11.93	56325.61	56331.02344	56346.31883	56347.58203	504669.5	5410562.6
L4570.1	504669.5	5410561.0	33346.00000	330.47	0	48.848001	-86.936353	56313.95	56238.1	11.93	56325.88	56331.22656	56356.74545	56357.92969	504669.5	5410561.0
L4570.1	504669.5	5410561.0	33346.10156	328.01	0	48.848001	-86.936353	56313.41	56238.1	11.93	56325.34	56330.61719	56349.87710	56350.98438	504669.5	5410561.0
L4570.1	504669.5	5410559.3	33346.19922	332.75	0	48.847987	-86.936352	56313.18	56238.1	11.93	56325.11	56330.31641	56349.58638	56350.61719	504669.5	5410559.3
L4570.1	504669.5	5410557.7	33346.30078	332.73	0	48.847972	-86.936352	56313.11	56238.1	11.94	56325.04	56330.17969	56352.66907	56353.62109	504669.5	5410557.7
L4570.1	504669.5	5410557.7	33346.39844	329.42	0	48.847972	-86.936352	56312.48	56238.1	11.94	56324.42	56329.48828	56344.03551	56344.91016	504669.5	5410557.7
L4570.1	504669.5	5410555.8	33346.50000	331.86	0	48.847955	-86.936352	56312.68	56238.1	11.94	56324.62	56329.62109	56352.80584	56353.60156	504669.5	5410555.8
L4570.1	504669.5	5410554.1	33346.60156	329.55	0	48.847939	-86.936352	56311.80	56238.1	11.94	56323.74	56328.67188	56338.57573	56339.29688	504669.5	5410554.1
L4570.1	504669.5	5410554.1	33346.60156	329.55	0	48.847939	-86.936352	56311.93	56238.1	11.94	56323.87	56328.73438	56345.81095	56346.45313	504669.5	5410554.1
L4570.1	504669.5	5410552.4	33346.80078	330.41	0	48.847924	-86.936352	56311.42	56238.1	11.95	56323.36	56328.15625	56339.36995	56339.93359	504669.5	5410552.4
L4570.1	504669.6	5410551.2	33346.89844	329.72	0	48.847913	-86.936352	56311.52	56238.1	11.95	56323.47	56328.19922	56346.14276	56346.62891	504669.6	5410551.2
L4570.1	504669.6	5410549.6	33347.00000	330.09	0	48.847899	-86.936351	56311.04	56238.1	11.95	56322.99	56327.64844	56340.24906	56340.65625	504669.6	5410549.6
L4570.1	504669.6	5410549.6	33347.10156	330.58	0	48.847899	-86.936351	56310.72	56238.1	11.95	56322.67	56327.26172	56337.73015	56338.06250	504669.6	5410549.6
L4570.1	504669.6	5410547.7	33347.19922	328.64	0	48.847881	-86.936351	56310.73	56238.1	11.95	56322.68	56327.20313	56342.27447	56342.53125	504669.6	5410547.7
L4570.1	504669.6	5410547.7	33347.30078	331.11	0	48.847881	-86.936351	56310.38	56238.1	11.95	56322.32	56326.77734	56338.79878	56338.97656	504669.6	5410547.7
L4570.1	504669.6	5410546.1	33347.39844	334.06	0	48.847867	-86.936351	56310.49	56238.1	11.95	56322.44	56326.82813	56345.65585	56345.75391	504669.6	5410546.1
L4570.1	504669.6	5410546.1	33347.50000	334.37	0	48.847867	-86.936351	56309.76	56238.1	11.95	56321.71	56326.03125	56334.06171	56334.08203	504669.6	5410546.1
L4570.1	504669.7	5410544.3	33347.60156	333.43	0	48.847851	-86.936350	56310.14	56238.1	11.95	56322.09	56326.34375	56346.47760	56346.42578	504669.7	5410544.3
L4570.1	504669.7	5410542.7	33347.69922	334.19	0	48.847837	-86.936350	56309.61	56238.1	11.95	56321.56	56325.75000	56339.11081	56338.98047	504669.7	5410542.7
L4570.1	504669.7	5410542.7	33347.80078	333.50	0	48.847837	-86.936350	56309.84	56238.1	11.95	56321.79	56325.91016	56348.18184	56347.97656	504669.7	5410542.7
L4570.1	504669.7	5410540.6	33347.89844	331.46	0	48.847818	-86.936350	56309.86	56238.1	11.95	56321.81	56325.86719	56352.63683	56352.35156	504669.7	5410540.6
L4570.1	504669.7	5410540.6	33348.00000	334.75	0	48.847818	-86.936350	56309.69	56238.1	11.95	56321.64	56325.62891	56352.91507	56352.55469	504669.7	5410540.6
L4570.1	504669.7	5410539.2	33348.10156	334.72	0	48.847806	-86.936349	56309.27	56238	11.95	56321.23	56325.15625	56347.95707	56347.52344	504669.7	5410539.2
L4570.1	504669.8	5410537.3	33348.19922	332.72	0	48.847788	-86.936349	56308.76	56238	11.96	56320.72	56324.57813	56340.82119	56340.31250	504669.8	5410537.3
L4570.1	504669.8	5410537.3	33348.30078	330.57	0	48.847788	-86.936349	56309.12	56238	11.96	56321.09	56324.88672	56352.57249	56351.98828	504669.8	5410537.3
L4570.1	504669.8	5410536.1	33348.39844	330.50	0	48.847778	-86.936349	56308.51	56238	11.97	56320.48	56324.21094	56343.23929	56342.58203	504669.8	5410536.1
L4570.1	504669.8	5410534.2	33348.50000	328.91	0	48.847761	-86.936348	56308.87	56238	11.97	56320.84	56324.50781	56354.59960	56353.86719	504669.8	5410534.2
L4570.1	504669.8	5410534.2	33348.60156	327.98	0	48.847761	-86.936348	56308.43	56238	11.98	56320.41	56324.01172	56349.07651	56348.27344	504669.8	5410534.2
L4570.1	504669.8	5410532.6	33348.60156	327.98	0	48.847746	-86.936348	56308.48	56238	11.98	56320.46	56324.00000	56353.70845	56352.83203	504669.8	5410532.6
L4570.1	504669.9	5410531.2	33348.80078	328.57	0	48.847734	-86.936348	56308.20	56238	11.99	56320.19	56323.66797	56351.55100	56350.60156	504669.9	5410531.2
L4570.1	504669.9	5410531.2	33348.89844	329.37	0	48.847734	-86.936348	56307.75	56238	12.00	56319.74	56323.15625	56345.62730	56344.60547	504669.9	5410531.2
L4570.1	504669.9	5410529.6	33349.00000	330.18	0	48.847719	-86.936348	56307.74	56238	12.00	56319.74	56323.09375	56349.12845	56348.03125	504669.9	5410529.6
L4570.1	504669.9	5410527.7	33349.10156	327.43	0	48.847702	-86.936347	56307.16	56238	12.00	56319.16	56322.45313	56340.53942	56339.37500	504669.9	5410527.7
L4570.1	504669.9	5410526.6	33349.19922	329.28	0	48.847692	-86.936347	56307.31	56238	12.00	56319.31	56322.54297	56347.13976	56345.90625	504669.9	5410526.6
L4570.1	504669.9	5410526.6	33349.30078	330.71	0	48.847692	-86.936347	56306.80	56238	12.00	56318.80	56321.97266	56340.05281	56338.75000	504669.9	5410526.6
L4570.1	504669.9	5410525.3	33349.39844	329.22	0	48.847680	-86.936347	56307.34	56238	12.00	56319.34	56322.44922	56354.69824	56353.32422	504669.9	5410525.3
L4570.1	504670.0	5410523.9	33349.50000	325.75	0	48.847668	-86.936346	56306.77	56238	12.01	56318.78	56321.83203	56346.61094	56345.16797	504670.0	5410523.9
L4570.1	504670.0	5410522.5	33349.60156	325.57	0	48.847655	-86.936346	56306.81	56238	12.01	56318.81	56321.80469	56350.73198	56349.22266	504670.0	5410522.5
L4570.1	504670.0	5410522.5	33349.69922	325.57	0	48.847655	-86.936346	56306.06	56238	12.01	56318.07	56321.00391	56338.96304	56337.38672	504670.0	5410522.5
L4570.1	504670.0	5410521.0	33349.80078	328.24	0	48.847641	-86.936346	56305.78	56238	12.01	56317.79	56320.66797	56336.70432	56335.06250	504670.0	5410521.0
L4570.1	504670.0	5410519.4	33349.89844	331.26	0	48.847627	-86.936345	56305.70	56238	12.01	56317.71	56320.53125	56338.59802	56336.88672	504670.0	5410519.4
L4570.1	504670.0	5410519.4	33350.00000	330.00	0	48.847627	-86.936345	56305.37	56238	12.01	56317.38	56320.14453	56335.32052	56333.54297	504670.0	5410519.4
L4570.1	504670.1	5410518.0	33350.10156	331.17	0	48.847615	-86.936345	56305.83	56238	12.01	56317.84	56320.54688	56348.48912	56346.65234	504670.1	5410518.0

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4570.1	504670.1	5410516.4	33350.19922	333.17	0	48.847600	-86.936345	56305.52	56238	12.02	56317.54	56320.19141	56345.87269	56343.97266	504670.1	5410516.4
L4570.1	504670.1	5410515.0	33350.30078	333.62	0	48.847588	-86.936345	56305.73	56238	12.02	56317.75	56320.34766	56353.92415	56351.96094	504670.1	5410515.0
L4570.1	504670.1	5410515.0	33350.39844	332.50	0	48.847588	-86.936345	56305.02	56238	12.02	56317.04	56319.58203	56342.73906	56340.71484	504670.1	5410515.0
L4570.1	504670.1	5410513.4	33350.50000	331.40	0	48.847573	-86.936344	56305.29	56238	12.03	56317.32	56319.80859	56352.31486	56350.22656	504670.1	5410513.4
L4570.1	504670.1	5410513.4	33350.60156	328.72	0	48.847573	-86.936344	56304.86	56238	12.03	56316.89	56319.32813	56346.99983	56344.85547	504670.1	5410513.4
L4570.1	504670.1	5410511.5	33350.60156	328.72	0	48.847556	-86.936344	56304.96	56238	12.03	56316.99	56319.37500	56352.84344	56350.64063	504670.1	5410511.5
L4570.1	504670.1	5410509.9	33350.80078	328.12	0	48.847542	-86.936344	56304.64	56238	12.03	56316.67	56319.00391	56349.85144	56347.59375	504670.1	5410509.9
L4570.1	504670.1	5410509.9	33350.89844	327.96	0	48.847542	-86.936344	56304.22	56238	12.04	56316.26	56318.54297	56344.97166	56342.65625	504670.1	5410509.9
L4570.1	504670.1	5410508.3	33351.00000	328.23	0	48.847528	-86.936344	56304.15	56238	12.04	56316.19	56318.42188	56347.27045	56344.89844	504670.1	5410508.3
L4570.1	504670.1	5410506.6	33351.10156	328.66	0	48.847512	-86.936345	56303.66	56238	12.04	56315.70	56317.88281	56340.74804	56338.32031	504670.1	5410506.6
L4570.1	504670.1	5410505.0	33351.19922	329.79	0	48.847498	-86.936345	56303.91	56238	12.04	56315.96	56318.09766	56350.01365	56347.53516	504670.1	5410505.0
L4570.1	504670.1	5410505.0	33351.30078	329.68	0	48.847498	-86.936345	56303.53	56238	12.04	56315.57	56317.65625	56345.64839	56343.11719	504670.1	5410505.0
L4570.1	504670.1	5410503.3	33351.39844	329.89	0	48.847483	-86.936345	56303.74	56238	12.04	56315.79	56317.83203	56354.07194	56351.48828	504670.1	5410503.3
L4570.1	504670.1	5410501.8	33351.50000	327.62	0	48.847468	-86.936345	56303.43	56238	12.04	56315.47	56317.46484	56351.23313	56348.60156	504670.1	5410501.8
L4570.1	504670.1	5410501.8	33351.60156	330.93	0	48.847468	-86.936345	56303.38	56238	12.05	56315.43	56317.37891	56354.25630	56351.57813	504670.1	5410501.8
L4570.1	504670.1	5410500.3	33351.69922	329.23	0	48.847456	-86.936345	56302.77	56238	12.05	56314.81	56316.71484	56345.31264	56342.58594	504670.1	5410500.3
L4570.1	504670.1	5410500.3	33351.80078	331.22	0	48.847456	-86.936345	56302.56	56238	12.05	56314.61	56316.46875	56345.12667	56342.35547	504670.1	5410500.3
L4570.1	504670.1	5410497.9	33351.89844	328.41	0	48.847434	-86.936345	56302.39	56238	12.05	56314.44	56316.25781	56345.60691	56342.78906	504670.1	5410497.9
L4570.1	504670.1	5410496.5	33352.00000	329.83	0	48.847421	-86.936344	56302.45	56237.9	12.05	56314.50	56316.27344	56350.82981	56347.96875	504670.1	5410496.5
L4570.1	504670.1	5410496.5	33352.10156	330.45	0	48.847421	-86.936344	56302.48	56237.9	12.05	56314.53	56316.26172	56355.45638	56352.55469	504670.1	5410496.5
L4570.1	504670.1	5410494.7	33352.19922	330.08	0	48.847405	-86.936344	56302.08	56237.9	12.05	56314.13	56315.82031	56351.40987	56348.46875	504670.1	5410494.7
L4570.1	504670.2	5410493.2	33352.30078	328.24	0	48.847391	-86.936344	56302.16	56237.9	12.05	56314.21	56315.85938	56357.13971	56354.16016	504670.2	5410493.2
L4570.1	504670.2	5410493.2	33352.39844	328.88	0	48.847391	-86.936344	56301.39	56237.9	12.05	56313.44	56315.05078	56345.83926	56342.82031	504670.2	5410493.2
L4570.1	504670.2	5410491.6	33352.50000	327.99	0	48.847377	-86.936344	56301.55	56237.9	12.05	56313.60	56315.17188	56353.31105	56350.25781	504670.2	5410491.6
L4570.1	504670.2	5410490.2	33352.60156	325.99	0	48.847364	-86.936344	56301.00	56237.9	12.05	56313.05	56314.58594	56346.65567	56343.56641	504670.2	5410490.2
L4570.1	504670.2	5410490.2	33352.60156	325.99	0	48.847364	-86.936344	56301.06	56237.9	12.05	56313.11	56314.60938	56352.27533	56349.15625	504670.2	5410490.2
L4570.1	504670.2	5410488.4	33352.80078	326.84	0	48.847348	-86.936344	56300.68	56237.9	12.05	56312.73	56314.19141	56349.22196	56346.07031	504670.2	5410488.4
L4570.1	504670.2	5410487.2	33352.89844	327.49	0	48.847337	-86.936344	56300.70	56237.9	12.05	56312.75	56314.17578	56354.23051	56351.04688	504670.2	5410487.2
L4570.1	504670.2	5410487.2	33353.00000	326.15	0	48.847337	-86.936344	56300.65	56237.9	12.05	56312.70	56314.09375	56357.95776	56354.74609	504670.2	5410487.2
L4570.1	504670.2	5410485.6	33353.10156	326.51	0	48.847323	-86.936343	56299.93	56237.9	12.05	56311.98	56313.33984	56348.47855	56345.24219	504670.2	5410485.6
L4570.1	504670.2	5410483.9	33353.19922	330.03	0	48.847308	-86.936343	56299.66	56237.9	12.05	56311.71	56313.03516	56348.06272	56344.80078	504670.2	5410483.9
L4570.1	504670.2	5410483.9	33353.30078	324.49	0	48.847308	-86.936343	56298.91	56237.9	12.05	56310.96	56312.25391	56338.15899	56334.87500	504670.2	5410483.9
L4570.1	504670.2	5410482.6	33353.39844	325.65	0	48.847296	-86.936343	56299.20	56237.9	12.05	56311.25	56312.51172	56349.16110	56345.85156	504670.2	5410482.6
L4570.1	504670.2	5410481.2	33353.50000	327.96	0	48.847283	-86.936343	56298.88	56237.9	12.05	56310.93	56312.16406	56348.06318	56344.73438	504670.2	5410481.2
L4570.1	504670.3	5410479.3	33353.60156	326.53	0	48.847266	-86.936343	56298.79	56237.9	12.05	56310.84	56312.04297	56351.70317	56348.35547	504670.3	5410479.3
L4570.1	504670.3	5410477.7	33353.69922	328.51	0	48.847252	-86.936343	56298.59	56237.9	12.05	56310.64	56311.81641	56353.23290	56349.86719	504670.3	5410477.7
L4570.1	504670.3	5410477.7	33353.80078	329.54	0	48.847252	-86.936343	56298.32	56237.9	12.05	56310.37	56311.51563	56353.43756	56350.05859	504670.3	5410477.7
L4570.1	504670.3	5410476.3	33353.89844	331.19	0	48.847239	-86.936343	56298.14	56237.9	12.05	56310.20	56311.32031	56355.76872	56352.37500	504670.3	5410476.3
L4570.1	504670.3	5410476.3	33354.00000	328.67	0	48.847239	-86.936343	56297.69	56237.9	12.05	56309.74	56310.83203	56352.25319	56348.84375	504670.3	5410476.3
L4570.1	504670.3	5410474.7	33354.10156	329.82	0	48.847225	-86.936342	56297.67	56237.9	12.05	56309.72	56310.78906	56357.82674	56354.41016	504670.3	5410474.7
L4570.1	504670.3	5410472.9	33354.19922	330.56	0	48.847209	-86.936342	56297.18	56237.9	12.05	56309.23	56310.27344	56353.83230	56350.40625	504670.3	5410472.9
L4570.1	504670.3	5410472.9	33354.30078	330.00	0	48.847209	-86.936342	56297.12	56237.9	12.05	56309.17	56310.19141	56358.74978	56355.31641	504670.3	5410472.9
L4570.1	504670.4	5410471.2	33354.39844	331.64	0	48.847194	-86.936342	56296.46	56237.9	12.05	56308.51	56309.50781	56351.39165	56347.95313	504670.4	5410471.2
L4570.1	504670.4	5410470.1	33354.50000	331.42	0	48.847184	-86.936341	56296.16	56237.9	12.05	56308.21	56309.18750	56351.51966	56348.07422	504670.4	5410470.1
L4570.1	504670.4	5410468.7	33354.60156	332.14	0	48.847171	-86.936341	56295.62	56237.9	12.05	56307.67	56308.62500	56346.78861	56343.33984	504670.4	5410468.7
L4570.1	504670.4	5410468.7	33354.60156	332.14	0	48.847171	-86.936341	56295.65	56237.9	12.05	56307.70	56308.63281	56353.85652	56350.41016	504670.4	5410468.7
L4570.1	504670.4	5410466.8	33354.80078	334.47	0	48.847154	-86.936341	56295.54	56237.9	12.05	56307.59	56308.50391	56358.10984	56354.66406	504670.4	5410466.8
L4570.1	504670.4	5410466.8	33354.89844	333.65	0	48.847154	-86.936341	56295.26	56237.9	12.05	56307.31	56308.20703	56358.94700	56355.50391	504670.4	5410466.8
L4570.1	504670.5	5410465.2	33355.00000	333.07	0	48.847140	-86.936340	56295.07	56237.9	12.05	56307.12	56308.00000	56361.69554	56358.25391	504670.5	5410465.2
L4570.1	504670.5	5410463.8	33355.10156	328.96	0	48.847127	-86.936340	56294.40	56237.9	12.05	56306.45	56307.31250	56354.75703	56351.32031	504670.5	5410463.8
L4570.1	504670.5	5410462.2	33355.19922	328.08	0	48.847113	-86.936340	56293.98	56237.9	12.05	56306.03	56306.87500	56353.02130	56349.59375	504670.5	5410462.2
L4570.1	504670.5	5410462.2	33355.30078	327.78	0	48.847113	-86.936340	56293.33	56237.9	12.05	56305.38	56306.21094	56346.76170	56343.34375	504670.5	5410462.2
L4570.1	504670.5	5410460.4	33355.39844	328.00	0	48.847096	-86.936340	56293.00	56237.9	12.05	56305.05	56305.86719	56347.08617	56343.67578	504670.5	5410460.4
L4570.1	504670.5	5410458.8	33355.50000	327.72	0	48.847082	-86.936340	56293.06	56237.9	12.05	56305.11	56305.91016	56355.33122	56351.93359	504670.5	5410458.8
L4570.1	504670.5	5410458.8	33355.60156	324.98	0	48.847082	-86.936340	56292.67	56237.9	12.05	56304.72	56305.50781	56354.67304	56351.28906	504670.5	5410458.8
L4570.1	504670.5	5410457.2	33355.69922	328.00	0	48.847067	-86.936340	56291.84	56237.9	12.05	56303.89	56304.66797	56345.40508	56342.03906	504670.5	5410457.2
L4570.1	504670.5	5410455.6	33355.80078	326.04	0	48.847054	-86.936340	56291.38	56237.9	12.05	56303.43	56304.19531	56343.66949	56340.32031	504670.5	5410455.6
L4570.1	504670.5	5410455.6	33355.89844	325.62	0	48.847054	-86.936340	56290.85	56237.9	12.05	56302.90	56303.65625	56340.69803	56337.36328	504670.5	5410455.6
L4570.1	504670.5	5410454.5	33356.00000	323.79	0	48.847043	-86.936340	56290.34	56237.9	12.05	56302.39	56303.13672	56338.27883	56334.96484	504670.5	5410454.5
L4570.1	504670.5	5410453.3	33356.10156	329.58	0	48.847033	-86.936339	56290.13	56237.9	12.05	56302.19	56302.92578	56342.17171	56338.87891	504670.5	5410453.3
L4570.1	504670.5	5410453.3	33356.19922	328.47	0	48.847033	-86.936339	56289.98	56237.9	12.06	56302.04	56302.76953	56347.23804	56343.96875	504670.5	5410453.3
L4570.1	504670.5	5410451.5	33356.30078	328.11	0	48.847016	-86.936339	56289.42	56237.9	12.06	56301.48	56302.19922	56344.30744	56341.06250	504670.5	5410451.5
L4570.1	504670.5	5410449.6	33356.39844	327.96	0	48.846999	-86.936339	56288.91	56237.9	12.06	56300.97	56301.68359	56342.51312	56339.29297	504670.5	5410449.6
L4570.1	504670.5	5410448.5	33356.50000	329.49	0	48.846989	-86.936340	56288.61	56237.9	12.07	56300.67	56301.37891	56345.08213	56341.89063	504670.5	5410448.5
L4570.1	504670.5	5410448.5	33356.60156	327.96	0	48.846989	-86.936340	56287.99	56237.9	12.07	56300.06	56300.76172	56341.54241	56338.37891	504670.5	5410448.5
L4570.1	504670.5	5410446.9	33356.60156	327.96	0	48.846975	-86.936340	56287.56	56237.9	12.07	56299.63	56300.32813	56341.76400	56338.63281	504670.5	5410446.9
L4570.1	504670.5	5410445.1	33356.80078	327.85	0	48.846959	-86.936340	56287.47	56237.9	12.07	56299.55	56300.24219	56349.28070	56346.17969	504670.5	5410445.1
L4570.1	504670.5	5410443.3	33356.89844	329.28	0	48.846943	-86.936340	56286.74	56237.9	12.08	56298.82	56299.51172	56343.62356	56340.55469	504670.5	5410443.3
L4570.1	504670.5	5410443.3	33357.00000	330.37	0	48.846943	-86.936340	56286.05	56237.9	12.08	56298.13	56298.81641	56338.84986	56335.81641	504670.5	5410443.3
L4570.1	504670.5	5410442.0	33357.10156	328.67	0	48.846931	-86.936340	56285.39	56237.9	12.08	56297.47	56298.15625	56334.76329	56331.76563	504670.5	5410442.0
L4570.1	504670.5	5410440.7	33357.19922	330.51	0	48.846919	-86.936339	56285.04	56237.9	12.08	56297.12	56297.80469	56337.22395	56334.26172	504670.5	5410440.7
L4570.1	504670.5	5410440.7	33357.30078	330.80	0	48.846919	-86.936339	56284.68	56237.9	12.08	56296.76	56297.44531	56339.60054	56336.67578	504670.5	5410440.7
L4570.1	504670.6	5410438.9	33357.39844	332.49	0	48.846903	-86.936339	56284.46	56237.9	12.08	56296.55	56297.23438	56345.25246	56342.36719	504670.6	5410438.9
L4570.1	504670.6	5410437.7	33357.50000	331.51	0	48.846892	-86.936339	56283.78	56237.9	12.08	56295.86	56296.54688	56340.89942	56338.05469	504670.6	5410437.7
L4570.1	504670.6	5410437.7	33357.60156	331.60	0	48.846892	-86.936339	56283.15	56237.9	12.09	56295.23	56295.91797	56337.88807	56335.08594	504670.6	5410437.7
L4570.1	504670.6	5410436.1	33357.69922	331.99	0	48.846878	-86.936338	56282.65	56237.9	12.09	56294.74	56295.42969	56337.92848	56335.17188	504670.6	5410436.1
L4570.1	504670.6	5410434.7	33357.80078	331.33	0	48.846865	-86.936338	56282.10	56237.9	12.09	56294.19	56294.88281	56336.78984	56334.07813	504670.6	5410434.7
L4570.1	504670.6	5410434.7	33357.89844	332.19	0	48.846865	-86.936338	56281.74	56237.9	12.09	56293.83	56294.52734	56339.77851	56337.10938	504670.6	5410434.7
L4570.1	504670.7	5410433.4	33358.00000	334.17	0	48.846854	-86.936338	56281.45	56237.9	12.09	56293.54	56294.23828	56344.34619	56341.72266	504670.7	5410433.4
L4570.1	504670.7	5410431.4	33358.10156	331.61	0	48.846836	-86.936337	56280.87	56237.9	12.09	56292.96	56293.66406	56342.84174	56340.26953	504670.7	5410431.4
L4570.1	504670.7	5410430.1	33358.19922	330.19	0	48.846824	-86.936337	56280.23	56237.9	12.09	56292.33	56293.03906	56340.36720	56337.84375	504670.7	5410430.1
L4570.1	504670.7	5410430.1	33358.30078	330.43	0	48.846824	-86.936337	56279.37	56237.9	12.10	56291.46	56292.17578	56332.90617	56330.42969	504670.7	5410430.1
L4570.1	504670.8	5410428.5	33358.39844	327.60	0	48.846809	-86.936337	56279.09	56237.9	12.10	56291.18	56291.90234	56338.02812	56335.60156	504670.8	5410428.5
L4570.1	504670.8	5410427.1	33358.50000	329.09	0	48.846797	-86.936336	56278.62	56237.9	12.10	56290.72	56291.44922	56339.42803	56337.05469	504670.8	5410427.1
L4570.1	504670.8	5410427.1	33358.60156	329.67	0	48.846797	-86.936336	56278.07	56237.9	12.10	56290.17	56290.90625	56339.02828	56336.70703	504670.8	5410427.1
L4570.1	504670.8	5410425.7	33358.60156	329.67	0	48.846784	-86.936336	56277.32	56237.9	12.10	56289.43	56290.17578	56334.75282	56332.48438	504670.8	5410425.7
L4570.1	504670.8	5410424.4	33358.80078	328.77	0	48.846773	-86.936336	56276.71	56237.9	12.11	56288.82	56289.57422	56333.32668	56331.11328	504670.8	5410424.4
L4570.1	504670.8	5410423.0	33358.89844	330.80	0	48.846760	-86.936336	56276.32	56237.9	12.11	56288.43	56289.19141	56336.61013	56334.44922	504670.8	5410423.0
L4570.1	504670.8	5410423.0	33359.00000	330.28	0	48.846760	-86.936336	56275.31	56237.9	12.11	56287.42	56288.19141	56327.07790	56324.97266	504670.8	5410423.0
L4570.1	504670.8	5410421.2	33359.10156	331.08	0	48.846744	-86.936336	56274.83	56237.9	12.11	56286.94	56287.71875	56328.71577	56326.66406	504670.8	5410421.2
L4570.1	504670.8	5410419.8	33359.19922	329.87	0	48.846731	-86.936337	56273.97	56237.9	12.11	56286.08	56286.87109	56322.56798	56320.57422	504670.8	5410419.8
L4570.1	504670.7	5410418.2	33359.30078	327.81	0	48.846717	-86.936337	56273.60	56237.9	12.10	56285.70	56286.50000	56326.51262	56324.57422	504670.7	5410418.2
L4570.1	504670.7	5410418.2	33359.39844	329.78	0	48.846717	-86.936337	56272.86	56237.9	12.10	56284.96	56285.77344	56323.09369	56321.21484	504670.7	5410418.2

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4570.1	504670.7	5410416.5	33359.50000	328.47	0	48.846702	-86.936338	56272.04	56237.9	12.10	56284.14	56284.96484	56318.12462	56316.30078	504670.7	5410416.5
L4570.1	504670.7	5410414.7	33359.60156	329.49	0	48.846686	-86.936338	56271.86	56237.9	12.10	56283.96	56284.79688	56326.57101	56324.80469	504670.7	5410414.7
L4570.1	504670.7	5410414.7	33359.69922	328.21	0	48.846686	-86.936338	56271.18	56237.9	12.10	56283.27	56284.12109	56324.52700	56322.82031	504670.7	5410414.7
L4570.1	504670.6	5410412.9	33359.80078	328.57	0	48.846669	-86.936339	56270.74	56237.9	12.09	56282.83	56283.69141	56327.80550	56326.15625	504670.6	5410412.9
L4570.1	504670.6	5410412.9	33359.89844	327.56	0	48.846669	-86.936339	56269.51	56237.9	12.09	56281.60	56282.47656	56314.66641	56313.07813	504670.6	5410412.9
L4570.1	504670.6	5410411.4	33360.00000	327.80	0	48.846656	-86.936339	56269.18	56237.9	12.09	56281.27	56282.16016	56320.45515	56318.92188	504670.6	5410411.4
L4570.1	504670.6	5410411.4	33360.10156	328.43	0	48.846656	-86.936339	56268.26	56237.9	12.09	56280.35	56281.25391	56313.94378	56312.47266	504670.6	5410411.4
L4570.1	504670.6	5410409.7	33360.19922	330.07	0	48.846640	-86.936339	56267.86	56237.9	12.09	56279.95	56280.86719	56318.48517	56317.07422	504670.6	5410409.7
L4570.1	504670.6	5410408.0	33360.30078	331.87	0	48.846625	-86.936340	56267.16	56237.9	12.09	56279.25	56280.18359	56316.77935	56315.42578	504670.6	5410408.0
L4570.1	504670.6	5410408.0	33360.39844	332.17	0	48.846625	-86.936340	56266.68	56237.9	12.09	56278.77	56279.71875	56319.84688	56318.55078	504670.6	5410408.0
L4570.1	504670.5	5410405.9	33360.50000	332.25	0	48.846606	-86.936340	56266.14	56237.9	12.09	56278.24	56279.20313	56321.96121	56320.72656	504670.5	5410405.9
L4570.1	504670.5	5410404.5	33360.60156	330.28	0	48.846593	-86.936340	56265.38	56237.9	12.10	56277.47	56278.44922	56319.00270	56317.82422	504670.5	5410404.5
L4570.1	504670.5	5410404.5	33360.60156	330.28	0	48.846593	-86.936340	56264.67	56237.9	12.10	56276.76	56277.75391	56317.39897	56316.28125	504670.5	5410404.5
L4570.1	504670.5	5410402.5	33360.80078	332.31	0	48.846576	-86.936341	56263.64	56237.9	12.10	56275.74	56276.75000	56309.07528	56308.01563	504670.5	5410402.5
L4570.1	504670.5	5410402.5	33360.89844	330.17	0	48.846576	-86.936341	56263.31	56237.9	12.10	56275.41	56276.43750	56315.91200	56314.91016	504670.5	5410402.5
L4570.1	504670.5	5410400.9	33361.00000	331.98	0	48.846561	-86.936341	56262.29	56237.9	12.10	56274.39	56275.43359	56307.61301	56306.66797	504670.5	5410400.9
L4570.1	504670.5	5410399.4	33361.10156	332.26	0	48.846548	-86.936341	56262.20	56237.9	12.10	56274.30	56275.35938	56320.03312	56319.14844	504670.5	5410399.4
L4570.1	504670.5	5410398.0	33361.19922	333.21	0	48.846535	-86.936341	56261.52	56237.9	12.10	56273.62	56274.69922	56319.41386	56318.58594	504670.5	5410398.0
L4570.1	504670.5	5410398.0	33361.30078	334.07	0	48.846535	-86.936341	56260.92	56237.9	12.10	56273.02	56274.11328	56320.64352	56319.87109	504670.5	5410398.0
L4570.1	504670.5	5410396.2	33361.39844	333.57	0	48.846518	-86.936341	56259.88	56237.9	12.10	56271.99	56273.10156	56312.11566	56311.40234	504670.5	5410396.2
L4570.1	504670.5	5410394.7	33361.50000	332.41	0	48.846505	-86.936341	56259.18	56237.9	12.10	56271.28	56272.41016	56310.84914	56310.18750	504670.5	5410394.7
L4570.1	504670.5	5410394.7	33361.60156	329.80	0	48.846505	-86.936341	56258.93	56237.9	12.11	56271.03	56272.17969	56320.20601	56319.60156	504670.5	5410394.7
L4570.1	504670.5	5410392.9	33361.69922	330.04	0	48.846489	-86.936341	56258.11	56237.9	12.11	56270.21	56271.37891	56316.44270	56315.89453	504670.5	5410392.9
L4570.1	504670.5	5410391.2	33361.80078	328.40	0	48.846474	-86.936341	56257.62	56237.9	12.11	56269.73	56270.91406	56320.56317	56320.06641	504670.5	5410391.2
L4570.1	504670.5	5410391.2	33361.89844	330.59	0	48.846474	-86.936341	56256.55	56237.9	12.11	56268.66	56269.86328	56310.90506	56310.46094	504670.5	5410391.2
L4570.1	504670.5	5410389.5	33362.00000	332.36	0	48.846459	-86.936341	56256.22	56237.9	12.11	56268.33	56269.55469	56318.51380	56318.12500	504670.5	5410389.5
L4570.1	504670.5	5410387.7	33362.10156	334.75	0	48.846442	-86.936341	56255.07	56237.9	12.11	56267.17	56268.41406	56306.64347	56306.30469	504670.5	5410387.7
L4570.1	504670.5	5410387.7	33362.19922	337.23	0	48.846442	-86.936341	56254.31	56237.9	12.11	56266.41	56267.67188	56304.11182	56303.82422	504670.5	5410387.7
L4570.1	504670.5	5410385.8	33362.30078	337.56	0	48.846426	-86.936341	56253.57	56237.9	12.10	56265.67	56266.95313	56302.01732	56301.78125	504670.5	5410385.8
L4570.1	504670.5	5410384.3	33362.39844	337.45	0	48.846412	-86.936341	56252.82	56237.9	12.10	56264.92	56266.22266	56299.65863	56299.47266	504670.5	5410384.3
L4570.1	504670.5	5410384.3	33362.50000	335.31	0	48.846412	-86.936341	56252.39	56237.9	12.10	56264.49	56265.81250	56304.71727	56304.57813	504670.5	5410384.3
L4570.1	504670.5	5410382.9	33362.60156	336.55	0	48.846399	-86.936340	56251.57	56237.9	12.10	56263.67	56265.01172	56300.64746	56300.55469	504670.5	5410382.9
L4570.1	504670.5	5410382.9	33362.60156	336.55	0	48.846399	-86.936340	56250.81	56237.9	12.10	56262.91	56264.26953	56297.94906	56297.90234	504670.5	5410382.9
L4570.1	504670.5	5410381.5	33362.80078	332.33	0	48.846387	-86.936340	56249.74	56237.9	12.09	56261.83	56263.21094	56287.93955	56287.94141	504670.5	5410381.5
L4570.1	504670.5	5410379.9	33362.89844	328.83	0	48.846372	-86.936340	56249.73	56237.9	12.09	56261.82	56263.22266	56302.22154	56302.26563	504670.5	5410379.9
L4570.1	504670.5	5410378.0	33363.00000	327.89	0	48.846355	-86.936340	56248.92	56237.9	12.09	56261.01	56262.43359	56298.28720	56298.37500	504670.5	5410378.0
L4570.1	504670.5	5410378.0	33363.10156	329.95	0	48.846355	-86.936340	56248.03	56237.9	12.09	56260.12	56261.56250	56292.61801	56292.75000	504670.5	5410378.0
L4570.1	504670.5	5410377.0	33363.19922	334.09	0	48.846346	-86.936340	56246.82	56237.9	12.09	56258.91	56260.37500	56280.04574	56280.21875	504670.5	5410377.0
L4570.1	504670.5	5410375.6	33363.30078	332.46	0	48.846333	-86.936340	56246.59	56237.9	12.09	56258.68	56260.16406	56288.89065	56289.10156	504670.5	5410375.6
L4570.1	504670.5	5410374.0	33363.39844	330.67	0	48.846319	-86.936340	56246.01	56237.9	12.09	56258.10	56259.60547	56290.03744	56290.28906	504670.5	5410374.0
L4570.1	504670.6	5410372.1	33363.50000	328.66	0	48.846302	-86.936340	56245.40	56237.9	12.09	56257.49	56259.01563	56290.51229	56290.80078	504670.6	5410372.1
L4570.1	504670.6	5410372.1	33363.60156	326.63	0	48.846302	-86.936340	56244.58	56237.9	12.09	56256.67	56258.21875	56286.59526	56286.92188	504670.6	5410372.1
L4570.1	504670.6	5410370.7	33363.69922	325.45	0	48.846289	-86.936340	56243.86	56237.9	12.09	56255.95	56257.51953	56284.83211	56285.19141	504670.6	5410370.7
L4570.1	504670.6	5410370.7	33363.80078	326.91	0	48.846289	-86.936340	56243.53	56237.9	12.09	56255.62	56257.21094	56291.11006	56291.50391	504670.6	5410370.7
L4570.1	504670.6	5410369.3	33363.89844	326.51	0	48.846276	-86.936340	56242.54	56237.9	12.09	56254.63	56256.24219	56283.89771	56284.32813	504670.6	5410369.3
L4570.1	504670.6	5410367.9	33364.00000	326.40	0	48.846264	-86.936340	56242.11	56237.9	12.09	56254.20	56255.83594	56288.14248	56288.60156	504670.6	5410367.9
L4570.1	504670.6	5410367.9	33364.10156	327.15	0	48.846264	-86.936340	56241.11	56237.9	12.09	56253.19	56254.84766	56280.68694	56281.17969	504670.6	5410367.9
L4570.1	504670.6	5410366.1	33364.19922	324.51	0	48.846248	-86.936340	56240.39	56237.9	12.08	56252.48	56254.16016	56279.34801	56279.86719	504670.6	5410366.1
L4570.1	504670.6	5410365.0	33364.30078	326.12	0	48.846238	-86.936340	56239.50	56237.9	12.08	56251.58	56253.28125	56274.21781	56274.76563	504670.6	5410365.0
L4570.1	504670.6	5410363.3	33364.39844	326.16	0	48.846223	-86.936340	56239.10	56237.9	12.07	56251.17	56252.89453	56278.99075	56279.56641	504670.6	5410363.3
L4570.1	504670.6	5410363.3	33364.50000	327.14	0	48.846223	-86.936340	56238.32	56237.9	12.07	56250.39	56252.13672	56276.33011	56276.92969	504670.6	5410363.3
L4570.1	504670.6	5410361.2	33364.60156	327.10	0	48.846204	-86.936340	56237.59	56237.9	12.07	56249.65	56251.42188	56274.48925	56275.11328	504670.6	5410361.2
L4570.1	504670.6	5410359.5	33364.60156	327.10	0	48.846189	-86.936340	56237.13	56237.9	12.07	56249.20	56250.99219	56278.56365	56279.21094	504670.6	5410359.5
L4570.1	504670.6	5410359.5	33364.80078	330.22	0	48.846189	-86.936340	56236.70	56237.9	12.06	56248.76	56250.57813	56282.89931	56283.57031	504670.6	5410359.5
L4570.1	504670.6	5410358.1	33364.89844	331.50	0	48.846176	-86.936340	56235.70	56237.9	12.05	56247.76	56249.60156	56275.76085	56276.45313	504670.6	5410358.1
L4570.1	504670.6	5410356.7	33365.00000	332.47	0	48.846163	-86.936340	56234.83	56237.9	12.05	56246.88	56248.74219	56271.03537	56271.74609	504670.6	5410356.7
L4570.1	504670.6	5410354.9	33365.10156	331.02	0	48.846147	-86.936340	56234.32	56238	12.05	56246.37	56248.25781	56273.96558	56274.69531	504670.6	5410354.9
L4570.1	504670.6	5410354.9	33365.19922	331.75	0	48.846147	-86.936340	56233.68	56238	12.04	56245.72	56247.63281	56273.99365	56274.73828	504670.6	5410354.9
L4570.1	504670.6	5410353.2	33365.30078	331.25	0	48.846132	-86.936340	56232.90	56238	12.04	56244.94	56246.87500	56271.27929	56272.03906	504670.6	5410353.2
L4570.1	504670.6	5410351.5	33365.39844	334.18	0	48.846116	-86.936340	56232.07	56238	12.04	56244.11	56246.07031	56267.47273	56268.24609	504670.6	5410351.5
L4570.1	504670.6	5410351.5	33365.50000	334.26	0	48.846116	-86.936340	56231.56	56238	12.03	56243.60	56245.58594	56270.41600	56271.20313	504670.6	5410351.5
L4570.1	504670.6	5410350.1	33365.60156	335.42	0	48.846104	-86.936340	56231.00	56238	12.03	56243.04	56245.05078	56272.29841	56273.09766	504670.6	5410350.1
L4570.1	504670.6	5410348.5	33365.69922	336.00	0	48.846090	-86.936340	56230.12	56238	12.03	56242.15	56244.18750	56267.12904	56267.93750	504670.6	5410348.5
L4570.1	504670.6	5410348.5	33365.80078	333.29	0	48.846090	-86.936340	56229.12	56238	12.03	56241.14	56243.20313	56259.36392	56260.18359	504670.6	5410348.5
L4570.1	504670.6	5410346.6	33365.89844	331.12	0	48.846072	-86.936340	56228.16	56238	12.02	56240.18	56242.26953	56252.65032	56253.47656	504670.6	5410346.6
L4570.1	504670.6	5410345.2	33366.00000	329.53	0	48.846060	-86.936340	56227.84	56238	12.02	56239.86	56241.97656	56259.59182	56260.42578	504670.6	5410345.2
L4570.1	504670.6	5410345.2	33366.10156	329.70	0	48.846060	-86.936340	56227.54	56238	12.02	56239.56	56241.70313	56266.93069	56267.76953	504670.6	5410345.2
L4570.1	504670.6	5410343.6	33366.19922	327.77	0	48.846045	-86.936340	56227.09	56238	12.02	56239.11	56241.27734	56271.03805	56271.88281	504670.6	5410343.6
L4570.1	504670.6	5410342.2	33366.30078	329.87	0	48.846033	-86.936340	56226.54	56238	12.01	56238.56	56240.75781	56272.99740	56273.84766	504670.6	5410342.2
L4570.1	504670.6	5410342.2	33366.39844	329.73	0	48.846033	-86.936340	56225.82	56238	12.01	56237.84	56240.06641	56271.36071	56272.21094	504670.6	5410342.2
L4570.1	504670.6	5410340.8	33366.50000	329.91	0	48.846020	-86.936340	56225.15	56238	12.01	56237.16	56239.41406	56270.58477	56271.43750	504670.6	5410340.8
L4570.1	504670.6	5410339.1	33366.60156	330.18	0	48.846006	-86.936340	56224.27	56238	12.01	56236.28	56238.56250	56265.65636	56266.51172	504670.6	5410339.1
L4570.1	504670.6	5410339.1	33366.60156	330.18	0	48.846006	-86.936340	56223.88	56238	12.01	56235.89	56238.20313	56270.98829	56271.83984	504670.6	5410339.1
L4570.1	504670.5	5410337.5	33366.80078	330.39	0	48.845991	-86.936341	56223.09	56238	12.00	56235.09	56237.42969	56267.82062	56268.67188	504670.5	5410337.5
L4570.1	504670.5	5410336.1	33366.89844	332.48	0	48.845978	-86.936341	56222.05	56238	12.00	56234.05	56236.42188	56259.76452	56260.61328	504670.5	5410336.1
L4570.1	504670.5	5410334.5	33367.00000	328.74	0	48.845963	-86.936341	56221.22	56238	12.00	56233.22	56235.62109	56256.12650	56256.97266	504670.5	5410334.5
L4570.1	504670.5	5410334.5	33367.10156	329.77	0	48.845963	-86.936341	56220.78	56238	11.99	56232.77	56235.20313	56260.35694	56261.19922	504670.5	5410334.5
L4570.1	504670.5	5410333.0	33367.19922	328.01	0	48.845950	-86.936341	56220.36	56238	11.99	56232.34	56234.80859	56265.02892	56265.86328	504670.5	5410333.0
L4570.1	504670.5	5410333.0	33367.30078	329.16	0	48.845950	-86.936341	56219.65	56238	11.98	56231.63	56234.12891	56264.01517	56264.84375	504670.5	5410333.0
L4570.1	504670.5	5410329.7	33367.39844	328.68	0	48.845921	-86.936341	56219.06	56238	11.97	56231.03	56233.56250	56265.31167	56266.13281	504670.5	5410329.7
L4570.1	504670.5	5410329.7	33367.50000	327.77	0	48.845921	-86.936341	56218.44	56238	11.96	56230.41	56232.97656	56266.26096	56267.07422	504670.5	5410329.7
L4570.1	504670.5	5410328.0	33367.60156	329.54	0	48.845905	-86.936341	56217.84	56238	11.96	56229.80	56232.40234	56267.47943	56268.28516	504670.5	5410328.0
L4570.1	504670.5	5410328.0	33367.69922	326.82	0	48.845905	-86.936341	56217.20	56238	11.95	56229.15	56231.78906	56267.95129	56268.75000	504670.5	5410328.0
L4570.1	504670.5	5410326.6	33367.80078	326.08	0	48.845892	-86.936342	56216.47	56238.1	11.94	56228.42	56231.09375	56266.86562	56267.65234	504670.5	5410326.6
L4570.1	504670.5	5410325.0	33367.89844	326.73	0	48.845878	-86.936342	56215.65	56238.1	11.94	56227.58	56230.28906	56263.61370	56264.39063	504670.5	5410325.0
L4570.1	504670.5	5410325.0	33368.00000	329.28	0	48.845878	-86.936342	56214.82	56238.1	11.93	56226.75	56229.50000	56260.64173	56261.41016	504670.5	5410325.0
L4570.1	504670.5	5410323.0	33368.10156	332.41	0	48.845860	-86.936341	56213.83	56238.1	11.93	56225.76	56228.54688	56254.48498	56255.24219	504670.5	5410323.0
L4570.1	504670.5	5410321.3	33368.19922	333.72	0	48.845845	-86.936341	56213.16	56238.1	11.93	56225.09	56227.91797	56254.93198	56255.67578	504670.5	5410321.3
L4570.1	504670.5	5410321.3	33368.30078	330.30	0	48.845845	-86.936341	56212.86	56238.1	11.92	56224.79	56227.65625	56263.02055	56263.75391	504670.5	5410321.3
L4570.1	504670.5	5410319.7	33368.39844	330.42	0	48.845830	-86.936341	56212.47	56238.1	11.92	56224.39	56227.30078	56269.16872	56269.88672	504670.5	5410319.7
L4570.1	504670.5	5410318.2	33368.50000	329.14	0	48.845817	-86.936341	56212.00	56238.1	11.92	56223.92	56226.87109	56273.98914	56274.69531	504670.5	5410318.2
L4570.1	504670.5	5410318.2	33368.60156	329.99	0	48.845817	-86.936341	56210.98	56238.1	11.92	56222.90	56225.89453	56267.64803	56268.34375	504670.5	5410318.2
L4570.1	504670.6	5410316.4	33368.60156	329.99	0	48.845801	-86.936341	56210.23	56238.1	11.92	56222.15	56225.19141	56266.92707	56267.60938	504670.6	5410316.4

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4570.1	504670.6	5410314.9	33368.80078	328.64	0	48.845788	-86.936340	56209.54	56238.1	11.91	56221.45	56224.53516	56267.33100	56268.00000	504670.6	5410314.9
L4570.1	504670.6	5410313.3	33368.89844	329.84	0	48.845774	-86.936340	56208.80	56238.1	11.91	56220.71	56223.84375	56267.01552	56267.67188	504670.6	5410313.3
L4570.1	504670.6	5410313.3	33369.00000	329.63	0	48.845774	-86.936340	56208.04	56238.1	11.91	56219.95	56223.13281	56266.39052	56267.03125	504670.6	5410313.3
L4570.1	504670.6	5410311.9	33369.10156	329.20	0	48.845761	-86.936340	56207.38	56238.1	11.90	56219.28	56222.51172	56267.72248	56268.35156	504670.6	5410311.9
L4570.1	504670.6	5410311.9	33369.19922	330.88	0	48.845761	-86.936340	56206.73	56238.1	11.90	56218.62	56221.90234	56269.36799	56269.98438	504670.6	5410311.9
L4570.1	504670.6	5410310.1	33369.30078	328.31	0	48.845744	-86.936340	56205.58	56238.1	11.89	56217.47	56220.80469	56261.01457	56261.61719	504670.6	5410310.1
L4570.1	504670.6	5410308.7	33369.39844	329.06	0	48.845732	-86.936340	56204.98	56238.1	11.88	56216.87	56220.25781	56264.12599	56264.71875	504670.6	5410308.7
L4570.1	504670.6	5410306.8	33369.50000	329.21	0	48.845714	-86.936340	56204.26	56238.1	11.88	56216.14	56219.58203	56264.67437	56265.25391	504670.6	5410306.8
L4570.1	504670.6	5410306.8	33369.60156	330.01	0	48.845714	-86.936340	56203.46	56238.1	11.87	56215.33	56218.82813	56263.69295	56264.26172	504670.6	5410306.8
L4570.1	504670.6	5410305.1	33369.69922	328.35	0	48.845699	-86.936340	56202.68	56238.1	11.86	56214.54	56218.09766	56263.25332	56263.81250	504670.6	5410305.1
L4570.1	504670.6	5410303.6	33369.80078	326.94	0	48.845686	-86.936340	56201.84	56238.1	11.85	56213.69	56217.30859	56261.70388	56262.25000	504670.6	5410303.6
L4570.1	504670.6	5410303.6	33369.89844	327.11	0	48.845686	-86.936340	56200.84	56238.2	11.85	56212.68	56216.35938	56256.97423	56257.51172	504670.6	5410303.6
L4570.1	504670.6	5410303.6	33370.00000	329.22	0	48.845686	-86.936340	56200.10	56238.2	11.84	56211.94	56215.68359	56257.98150	56258.51172	504670.6	5410303.6
L4570.1	504670.6	5410301.2	33370.10156	331.14	0	48.845664	-86.936340	56199.44	56238.2	11.84	56211.28	56215.08594	56260.79894	56261.32422	504670.6	5410301.2
L4570.1	504670.6	5410299.8	33370.19922	330.86	0	48.845652	-86.936340	56198.82	56238.2	11.83	56210.65	56214.52344	56264.39720	56264.91406	504670.6	5410299.8
L4570.1	504670.6	5410298.2	33370.30078	330.34	0	48.845637	-86.936340	56197.80	56238.2	11.83	56209.63	56213.57031	56260.04732	56260.55859	504670.6	5410298.2
L4570.1	504670.6	5410296.9	33370.39844	331.95	0	48.845625	-86.936340	56197.06	56238.2	11.83	56208.89	56212.90234	56261.67871	56262.18750	504670.6	5410296.9
L4570.1	504670.6	5410296.9	33370.50000	329.88	0	48.845625	-86.936340	56196.04	56238.2	11.82	56207.87	56211.95313	56257.64146	56258.14453	504670.6	5410296.9
L4570.1	504670.6	5410294.8	33370.60156	329.43	0	48.845607	-86.936340	56195.24	56238.2	11.82	56207.06	56211.21875	56258.14651	56258.65234	504670.6	5410294.8
L4570.1	504670.6	5410294.8	33370.60156	329.43	0	48.845607	-86.936340	56194.10	56238.2	11.82	56205.92	56210.15234	56251.93104	56252.43750	504670.6	5410294.8
L4570.1	504670.6	5410293.6	33370.80078	330.11	0	48.845595	-86.936341	56193.32	56238.2	11.82	56205.13	56209.44141	56253.19901	56253.70313	504670.6	5410293.6
L4570.1	504670.6	5410292.2	33370.89844	331.75	0	48.845583	-86.936341	56192.56	56238.2	11.81	56204.38	56208.77344	56255.48846	56255.99609	504670.6	5410292.2
L4570.1	504670.6	5410292.2	33371.00000	332.52	0	48.845583	-86.936341	56191.63	56238.2	11.81	56203.43	56207.90625	56253.77097	56254.28516	504670.6	5410292.2
L4570.1	504670.5	5410290.2	33371.10156	329.67	0	48.845565	-86.936341	56190.73	56238.2	11.81	56202.54	56207.10156	56253.49449	56254.01953	504670.5	5410290.2
L4570.1	504670.5	5410288.5	33371.19922	328.21	0	48.845550	-86.936342	56189.79	56238.2	11.80	56201.59	56206.23828	56252.14179	56252.67578	504670.5	5410288.5
L4570.1	504670.5	5410287.3	33371.30078	328.40	0	48.845539	-86.936342	56188.96	56238.2	11.80	56200.76	56205.49609	56253.50521	56254.05078	504670.5	5410287.3
L4570.1	504670.5	5410287.3	33371.39844	324.74	0	48.845539	-86.936342	56187.96	56238.2	11.79	56199.75	56204.57813	56251.26218	56251.82031	504670.5	5410287.3
L4570.1	504670.4	5410285.7	33371.50000	326.85	0	48.845524	-86.936343	56186.64	56238.2	11.79	56198.43	56203.35156	56242.64944	56243.22266	504670.4	5410285.7
L4570.1	504670.4	5410284.0	33371.60156	328.55	0	48.845509	-86.936343	56185.58	56238.2	11.79	56197.36	56202.37891	56239.49620	56240.08984	504670.4	5410284.0
L4570.1	504670.4	5410284.0	33371.69922	329.06	0	48.845509	-86.936343	56184.98	56238.2	11.78	56196.76	56201.87891	56246.47177	56247.08594	504670.4	5410284.0
L4570.1	504670.4	5410282.3	33371.80078	328.68	0	48.845494	-86.936344	56183.80	56238.2	11.78	56195.57	56200.79297	56241.15342	56241.79297	504670.4	5410282.3
L4570.1	504670.4	5410282.3	33371.89844	331.07	0	48.845494	-86.936344	56182.95	56238.2	11.77	56194.72	56200.04688	56243.22160	56243.88672	504670.4	5410282.3
L4570.1	504670.3	5410280.4	33372.00000	330.89	0	48.845477	-86.936344	56181.34	56238.2	11.77	56193.11	56198.54688	56229.42789	56230.12500	504670.3	5410280.4
L4570.1	504670.3	5410278.7	33372.10156	330.13	0	48.845462	-86.936344	56180.57	56238.2	11.77	56192.34	56197.88672	56233.61161	56234.33984	504670.3	5410278.7
L4570.1	504670.3	5410277.3	33372.19922	331.98	0	48.845449	-86.936344	56179.33	56238.2	11.77	56191.10	56196.76172	56228.09772	56228.86328	504670.3	5410277.3
L4570.1	504670.3	5410277.3	33372.30078	330.92	0	48.845449	-86.936344	56178.89	56238.2	11.77	56190.66	56196.43750	56239.70745	56240.51172	504670.3	5410277.3
L4570.1	504670.3	5410276.0	33372.39844	333.36	0	48.845437	-86.936344	56178.04	56238.2	11.77	56189.81	56195.70703	56242.91664	56243.76563	504670.3	5410276.0
L4570.1	504670.3	5410274.3	33372.50000	334.06	0	48.845422	-86.936344	56176.75	56238.2	11.76	56188.51	56194.53125	56236.89171	56237.78906	504670.3	5410274.3
L4570.1	504670.3	5410274.3	33372.60156	331.73	0	48.845422	-86.936344	56175.79	56238.2	11.76	56187.56	56193.70703	56238.51473	56239.46094	504670.3	5410274.3
L4570.1	504670.3	5410272.9	33372.60156	331.73	0	48.845410	-86.936344	56174.40	56238.2	11.76	56186.16	56192.43750	56230.87602	56231.87891	504670.3	5410272.9
L4570.1	504670.4	5410271.3	33372.80078	330.40	0	48.845395	-86.936344	56173.91	56238.2	11.76	56185.68	56192.08984	56242.97059	56244.03125	504670.4	5410271.3
L4570.1	504670.4	5410270.1	33372.89844	330.46	0	48.845384	-86.936344	56172.40	56238.2	11.76	56184.16	56190.70313	56233.28628	56234.40625	504670.4	5410270.1
L4570.1	504670.4	5410270.1	33373.00000	328.70	0	48.845384	-86.936344	56171.48	56238.2	11.76	56183.24	56189.92578	56236.57822	56237.76563	504670.4	5410270.1
L4570.1	504670.4	5410268.7	33373.10156	326.96	0	48.845372	-86.936343	56169.69	56238.2	11.76	56181.45	56188.27734	56221.63041	56222.89063	504670.4	5410268.7
L4570.1	504670.4	5410267.3	33373.19922	326.31	0	48.845359	-86.936343	56168.73	56238.2	11.76	56180.49	56187.46484	56224.57828	56225.91797	504670.4	5410267.3
L4570.1	504670.4	5410267.3	33373.30078	328.40	0	48.845359	-86.936343	56167.14	56238.2	11.75	56178.90	56186.02344	56214.37180	56215.78906	504670.4	5410267.3
L4570.1	504670.4	5410265.1	33373.39844	329.47	0	48.845339	-86.936343	56166.20	56238.2	11.75	56177.96	56185.23828	56218.26259	56219.76563	504670.4	5410265.1
L4570.1	504670.4	5410263.7	33373.50000	329.78	0	48.845327	-86.936343	56165.46	56238.3	11.75	56177.21	56184.64453	56226.45652	56228.05078	504670.4	5410263.7
L4570.1	504670.4	5410262.4	33373.60156	331.72	0	48.845315	-86.936343	56164.27	56238.3	11.75	56176.02	56183.61719	56225.53396	56227.22266	504670.4	5410262.4
L4570.1	504670.4	5410262.4	33373.69922	331.69	0	48.845315	-86.936343	56162.82	56238.3	11.75	56174.56	56182.32031	56219.13092	56220.92188	504670.4	5410262.4
L4570.1	504670.5	5410261.0	33373.80078	333.65	0	48.845303	-86.936343	56161.66	56238.3	11.74	56173.40	56181.33203	56219.36532	56221.26172	504670.5	5410261.0
L4570.1	504670.5	5410261.0	33373.89844	333.20	0	48.845303	-86.936343	56161.16	56238.3	11.74	56172.91	56181.01563	56234.01570	56236.02344	504670.5	5410261.0
L4570.1	504670.4	5410259.1	33374.00000	335.21	0	48.845285	-86.936343	56159.90	56238.3	11.74	56171.64	56179.92188	56232.38435	56234.50781	504670.4	5410259.1
L4570.1	504670.4	5410257.8	33374.10156	332.12	0	48.845274	-86.936343	56158.52	56238.3	11.74	56170.26	56178.72266	56228.69825	56230.94531	504670.4	5410257.8
L4570.1	504670.4	5410256.5	33374.19922	331.24	0	48.845262	-86.936343	56156.99	56238.3	11.75	56168.74	56177.38672	56222.37104	56224.75000	504670.4	5410256.5
L4570.1	504670.4	5410254.6	33374.30078	330.89	0	48.845245	-86.936343	56156.03	56238.3	11.75	56167.78	56176.61719	56227.99408	56230.50781	504670.4	5410254.6
L4570.1	504670.4	5410254.6	33374.39844	330.68	0	48.845245	-86.936343	56154.67	56238.2	11.75	56166.42	56175.44922	56225.55613	56228.20703	504670.4	5410254.6
L4570.1	504670.4	5410253.0	33374.50000	330.26	0	48.845231	-86.936343	56153.03	56238.2	11.75	56164.78	56174.00781	56217.66392	56220.46484	504670.4	5410253.0
L4570.1	504670.4	5410253.0	33374.60156	329.24	0	48.845231	-86.936343	56151.51	56238.2	11.76	56163.27	56172.69922	56212.78857	56215.74219	504670.4	5410253.0
L4570.1	504670.4	5410251.2	33374.60156	329.24	0	48.845215	-86.936344	56150.16	56238.2	11.76	56161.92	56171.55469	56211.48715	56214.60156	504670.4	5410251.2
L4570.1	504670.4	5410249.8	33374.80078	326.39	0	48.845202	-86.936344	56149.08	56238.2	11.76	56160.84	56170.68750	56215.90825	56219.19141	504670.4	5410249.8
L4570.1	504670.4	5410248.4	33374.89844	326.99	0	48.845189	-86.936344	56147.73	56238.2	11.77	56159.50	56169.56250	56215.37054	56218.82422	504670.4	5410248.4
L4570.1	504670.4	5410248.4	33375.00000	325.60	0	48.845189	-86.936344	56146.47	56238.2	11.77	56158.24	56168.51953	56216.73635	56220.37109	504670.4	5410248.4
L4570.1	504670.4	5410246.8	33375.10156	323.34	0	48.845174	-86.936344	56144.65	56238.2	11.77	56156.42	56166.92578	56207.40367	56211.23047	504670.4	5410246.8
L4570.1	504670.3	5410245.1	33375.19922	324.39	0	48.845160	-86.936344	56143.49	56238.2	11.77	56155.26	56165.99219	56211.45254	56215.47266	504670.3	5410245.1
L4570.1	504670.3	5410245.1	33375.30078	325.96	0	48.845160	-86.936344	56141.85	56238.2	11.77	56153.62	56164.58594	56206.49231	56210.71484	504670.3	5410245.1
L4570.1	504670.3	5410243.6	33375.39844	325.88	0	48.845146	-86.936345	56140.68	56238.2	11.77	56152.44	56163.64453	56210.91129	56215.34375	504670.3	5410243.6
L4570.1	504670.3	5410242.0	33375.50000	326.20	0	48.845132	-86.936345	56139.12	56238.2	11.76	56150.89	56162.33594	56208.55229	56213.19922	504670.3	5410242.0
L4570.1	504670.3	5410242.0	33375.60156	326.69	0	48.845132	-86.936345	56137.24	56238.2	11.76	56149.00	56160.69141	56200.00524	56204.87891	504670.3	5410242.0
L4570.1	504670.3	5410240.4	33375.69922	325.15	0	48.845118	-86.936345	56135.62	56238.2	11.76	56147.38	56159.32031	56197.11384	56202.22266	504670.3	5410240.4
L4570.1	504670.3	5410238.8	33375.80078	324.93	0	48.845103	-86.936345	56133.80	56238.2	11.76	56145.56	56157.75781	56190.71213	56196.05859	504670.3	5410238.8
L4570.1	504670.3	5410238.8	33375.89844	324.85	0	48.845103	-86.936345	56132.66	56238.2	11.76	56144.42	56156.87500	56198.04314	56203.63672	504670.3	5410238.8
L4570.1	504670.3	5410237.1	33376.00000	326.22	0	48.845088	-86.936345	56130.91	56238.2	11.76	56142.67	56155.39063	56193.80744	56199.65625	504670.3	5410237.1
L4570.1	504670.4	5410235.5	33376.10156	325.93	0	48.845073	-86.936344	56129.58	56238.2	11.76	56141.34	56154.32813	56198.29923	56204.41406	504670.4	5410235.5
L4570.1	504670.4	5410235.5	33376.19922	329.50	0	48.845073	-86.936344	56127.75	56238.2	11.76	56139.51	56152.76953	56193.24492	56199.63281	504670.4	5410235.5
L4570.1	504670.4	5410233.8	33376.30078	328.38	0	48.845058	-86.936344	56125.68	56238.2	11.76	56137.44	56150.97656	56183.68041	56190.34766	504670.4	5410233.8
L4570.1	504670.4	5410232.2	33376.39844	331.83	0	48.845043	-86.936344	56123.68	56238.2	11.76	56135.44	56149.25781	56175.80215	56182.75781	504670.4	5410232.2
L4570.1	504670.4	5410232.2	33376.50000	332.31	0	48.845043	-86.936344	56121.84	56238.2	11.76	56133.60	56147.70313	56171.48862	56178.74219	504670.4	5410232.2
L4570.1	504670.4	5410230.6	33376.60156	331.38	0	48.845029	-86.936343	56120.88	56238.2	11.76	56132.64	56147.03516	56185.68261	56193.24219	504670.4	5410230.6
L4570.1	504670.5	5410229.1	33376.60156	331.38	0	48.845016	-86.936343	56118.88	56238.2	11.76	56130.64	56145.32813	56178.84174	56186.71484	504670.5	5410229.1
L4570.1	504670.5	5410229.1	33376.80078	329.49	0	48.845016	-86.936343	56117.71	56238.2	11.76	56129.47	56144.45703	56189.65295	56197.84766	504670.5	5410229.1
L4570.1	504670.5	5410227.1	33376.89844	329.09	0	48.844997	-86.936343	56115.34	56238.2	11.76	56127.10	56142.39063	56175.74843	56184.27344	504670.5	5410227.1
L4570.1	504670.5	5410226.1	33377.00000	330.98	0	48.844988	-86.936342	56113.96	56238.2	11.76	56125.72	56141.31641	56182.97809	56191.83984	504670.5	5410226.1
L4570.1	504670.5	5410224.7	33377.10156	334.06	0	48.844976	-86.936342	56111.79	56238.2	11.76	56123.55	56139.45703	56173.92063	56183.13281	504670.5	5410224.7
L4570.1	504670.5	5410224.7	33377.19922	336.85	0	48.844976	-86.936342	56110.27	56238.2	11.76	56122.03	56138.25391	56178.97392	56188.54297	504670.5	5410224.7
L4570.1	504670.6	5410222.6	33377.30078	333.96	0	48.844957	-86.936341	56108.36	56238.2	11.76	56120.11	56136.65234	56175.93364	56185.86719	504670.6	5410222.6
L4570.1	504670.6	5410222.6	33377.39844	331.84	0	48.844957	-86.936341	56106.51	56238.2	11.76	56118.26	56135.12500	56174.75877	56185.06641	504670.6	5410222.6
L4570.1	504670.6	5410220.8	33377.50000	331.57	0	48.844941	-86.936341	56104.96	56238.2	11.76	56116.71	56133.90234	56180.33074	56191.01953	504670.6	5410220.8
L4570.1	504670.6	5410219.4	33377.60156	332.61	0	48.844928	-86.936341	56102.62	56238.2	11.75	56114.38	56131.90234	56169.75747	56180.83984	504670.6	5410219.4
L4570.1	504670.6	5410219.4	33377.69922	330.91	0	48.844928	-86.936341	56100.71	56238.2	11.75	56112.46	56130.31641	56168.28062	56179.76563	504670.6	5410219.4
L4570.1	504670.6	5410217.9	33377.80078	331.99	0	48.844915	-86.936341	56098.16	56238.2	11.75	56109.92	56128.11328	56154.13919	56166.03125	504670.6	5410217.9
L4570.1	504670.6	5410216.4	33377.89844	330.12	0	48.844901	-86.936341	56096.92	56238.2	11.75	56108.67	56127.20313	56167.60841	56179.91406	504670.6	5410216.4
L4570.1	504670.6	5410215.0	33378.00000	330.37	0	48.844889	-86.936341	56094.80	56238.3	11.75	56106.55	56125.42969	56163.17508	56175.90625	504670.6	5410215.0

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4570.1	504670.6	5410215.0	33378.10156	329.12	0	48.844889	-86.936341	56093.13	56238.2	11.75	56104.88	56124.10547	56168.59413	56181.76172	504670.6	5410215.0
L4570.1	504670.6	5410213.4	33378.19922	329.86	0	48.844875	-86.936341	56090.70	56238.2	11.76	56102.46	56122.03906	56158.78443	56172.39844	504670.6	5410213.4
L4570.1	504670.6	5410212.1	33378.30078	328.20	0	48.844862	-86.936341	56088.55	56238.2	11.76	56100.31	56120.24219	56155.07755	56169.14063	504670.6	5410212.1
L4570.1	504670.6	5410212.1	33378.39844	329.18	0	48.844862	-86.936341	56086.95	56238.2	11.77	56098.72	56119.00781	56163.42561	56177.94922	504670.6	5410212.1
L4570.1	504670.6	5410210.2	33378.50000	330.04	0	48.844846	-86.936341	56084.61	56238.2	11.77	56096.38	56117.02734	56156.68083	56171.66797	504670.6	5410210.2
L4570.1	504670.6	5410210.2	33378.60156	330.90	0	48.844846	-86.936341	56082.50	56238.2	11.77	56094.27	56115.28125	56155.15147	56170.61719	504670.6	5410210.2
L4570.1	504670.5	5410208.1	33378.60156	330.90	0	48.844827	-86.936342	56080.05	56238.2	11.77	56091.82	56113.19922	56147.09015	56163.04297	504670.5	5410208.1
L4570.1	504670.5	5410206.4	33378.80078	327.67	0	48.844812	-86.936343	56078.12	56238.2	11.78	56089.90	56111.64453	56150.37642	56166.82422	504670.5	5410206.4
L4570.1	504670.5	5410204.8	33378.89844	327.29	0	48.844797	-86.936343	56075.40	56238.2	11.79	56087.18	56109.29688	56137.72812	56154.67578	504670.5	5410204.8
L4570.1	504670.5	5410204.8	33379.00000	328.62	0	48.844797	-86.936343	56073.37	56238.2	11.79	56085.16	56107.64844	56139.86785	56157.32422	504670.5	5410204.8
L4570.1	504670.4	5410203.8	33379.10156	326.65	0	48.844788	-86.936343	56071.04	56238.2	11.79	56082.84	56105.70313	56136.32612	56154.30078	504670.4	5410203.8
L4570.1	504670.4	5410202.1	33379.19922	325.44	0	48.844773	-86.936344	56068.97	56238.2	11.80	56080.77	56104.01172	56138.32876	56156.82813	504670.4	5410202.1
L4570.1	504670.4	5410202.1	33379.30078	328.45	0	48.844773	-86.936344	56066.39	56238.2	11.80	56078.19	56101.80859	56130.39277	56149.42578	504670.4	5410202.1
L4570.1	504670.4	5410200.5	33379.39844	332.75	0	48.844758	-86.936345	56063.58	56238.2	11.81	56075.39	56099.39063	56118.44220	56138.01563	504670.4	5410200.5
L4570.1	504670.3	5410198.6	33379.50000	331.31	0	48.844741	-86.936345	56061.33	56238.2	11.81	56073.14	56097.52344	56118.11491	56138.23438	504670.3	5410198.6
L4570.1	504670.3	5410198.6	33379.60156	330.33	0	48.844741	-86.936345	56058.86	56238.2	11.81	56070.67	56095.43750	56113.75844	56134.43359	504670.3	5410198.6
L4570.1	504670.3	5410197.2	33379.69922	329.29	0	48.844729	-86.936345	56056.75	56238.2	11.82	56068.57	56093.72266	56117.33404	56138.57422	504670.3	5410197.2
L4570.1	504670.3	5410195.3	33379.80078	331.09	0	48.844712	-86.936346	56053.62	56238.2	11.82	56065.44	56090.98047	56100.47693	56122.28906	504670.3	5410195.3
L4570.1	504670.3	5410193.9	33379.89844	329.08	0	48.844699	-86.936346	56051.41	56238.2	11.83	56063.24	56089.16797	56102.88963	56125.27344	504670.3	5410193.9
L4570.1	504670.3	5410193.9	33380.00000	328.13	0	48.844699	-86.936346	56048.89	56238.2	11.83	56060.72	56087.03906	56099.25608	56122.22266	504670.3	5410193.9
L4570.1	504670.3	5410192.0	33380.10156	327.19	0	48.844682	-86.936346	56046.79	56238.2	11.83	56058.62	56085.32813	56104.55202	56128.10938	504670.3	5410192.0
L4570.1	504670.3	5410192.0	33380.19922	329.17	0	48.844682	-86.936346	56044.61	56238.2	11.83	56056.44	56083.54297	56108.66745	56132.82422	504670.3	5410192.0
L4570.1	504670.3	5410190.5	33380.30078	327.61	0	48.844668	-86.936345	56041.90	56238.2	11.83	56053.73	56081.22266	56102.48547	56127.24219	504670.3	5410190.5
L4570.1	504670.4	5410188.9	33380.39844	331.49	0	48.844654	-86.936345	56039.07	56238.2	11.83	56050.90	56078.78516	56094.29005	56119.65234	504670.4	5410188.9
L4570.1	504670.4	5410187.5	33380.50000	333.20	0	48.844642	-86.936345	56036.19	56238.2	11.83	56048.02	56076.29688	56085.48313	56111.46094	504670.4	5410187.5
L4570.1	504670.4	5410187.5	33380.60156	330.06	0	48.844642	-86.936345	56033.33	56238.2	11.83	56045.16	56073.83203	56077.46738	56104.06250	504670.4	5410187.5
L4570.1	504670.4	5410185.9	33380.60156	330.06	0	48.844627	-86.936344	56030.55	56238.2	11.83	56042.38	56071.44531	56071.45684	56098.67969	504670.4	5410185.9
L4570.1	504670.4	5410185.9	33380.80078	328.53	0	48.844627	-86.936344	56028.02	56238.2	11.83	56039.85	56069.30859	56070.94807	56098.80078	504670.4	5410185.9
L4570.1	504670.4	5410183.8	33380.89844	327.49	0	48.844608	-86.936344	56025.28	56238.2	11.83	56037.11	56066.96094	56066.50011	56094.98828	504670.4	5410183.8
L4570.1	504670.4	5410183.8	33381.00000	316.23	0	48.844608	-86.936344	56022.63	56238.2	11.83	56034.46	56064.70313	56064.26407	56093.38672	504670.4	5410183.8
L4570.1	504670.4	5410182.4	33381.10156	317.40	0	48.844595	-86.936344	56019.57	56238.2	11.83	56031.40	56062.03516	56053.86964	56083.64063	504670.4	5410182.4
L4570.1	504670.4	5410180.7	33381.19922	328.43	0	48.844580	-86.936344	56016.38	56238.2	11.83	56028.21	56059.23438	56041.06434	56071.48438	504670.4	5410180.7
L4570.1	504670.4	5410180.7	33381.30078	329.35	0	48.844580	-86.936344	56013.70	56238.2	11.84	56025.54	56056.95703	56039.38577	56070.45703	504670.4	5410180.7
L4570.1	504670.5	5410179.2	33381.39844	329.64	0	48.844567	-86.936344	56011.14	56238.2	11.84	56022.98	56054.78516	56040.32505	56072.05078	504670.5	5410179.2
L4570.1	504670.5	5410177.3	33381.50000	330.70	0	48.844550	-86.936343	56008.59	56238.2	11.84	56020.43	56052.62500	56041.78301	56074.16406	504670.5	5410177.3
L4570.1	504670.5	5410175.6	33381.60156	331.56	0	48.844535	-86.936343	56005.61	56238.2	11.84	56017.45	56050.03125	56034.55665	56067.60156	504670.5	5410175.6
L4570.1	504670.5	5410175.6	33381.69922	333.96	0	48.844535	-86.936343	56002.85	56238.2	11.84	56014.69	56047.66016	56032.20010	56065.91406	504670.5	5410175.6
L4570.1	504670.6	5410174.2	33381.80078	334.39	0	48.844522	-86.936342	55999.51	56238.2	11.85	56011.35	56044.70313	56018.04616	56052.42578	504670.6	5410174.2
L4570.1	504670.6	5410172.6	33381.89844	330.58	0	48.844507	-86.936342	55996.81	56238.2	11.85	56008.65	56042.38672	56017.47686	56052.52344	504670.6	5410172.6
L4570.1	504670.6	5410172.6	33382.00000	332.68	0	48.844507	-86.936342	55993.99	56238.2	11.85	56005.84	56039.95703	56014.86093	56050.57813	504670.6	5410172.6
L4570.1	504670.6	5410171.1	33382.10156	331.84	0	48.844494	-86.936341	55991.29	56238.1	11.85	56003.14	56037.63672	56014.73069	56051.12500	504670.6	5410171.1
L4570.1	504670.7	5410169.7	33382.19922	335.25	0	48.844482	-86.936341	55988.03	56238.1	11.85	55999.88	56034.75391	56003.31116	56040.38281	504670.7	5410169.7
L4570.1	504670.7	5410169.7	33382.30078	330.55	0	48.844482	-86.936341	55985.02	56238.1	11.85	55996.87	56032.12109	55997.26716	56035.01172	504670.7	5410169.7
L4570.1	504670.7	5410168.0	33382.39844	328.77	0	48.844466	-86.936340	55982.26	56238.1	11.85	55994.11	56029.73047	55996.49530	56034.91406	504670.7	5410168.0
L4570.1	504670.7	5410166.6	33382.50000	326.88	0	48.844454	-86.936340	55978.69	56238.1	11.86	55990.55	56026.54297	55979.79812	56018.89453	504670.7	5410166.6
L4570.1	504670.8	5410165.2	33382.60156	325.37	0	48.844441	-86.936340	55976.04	56238.1	11.86	55987.89	56024.25000	55981.37728	56021.15234	504670.8	5410165.2
L4570.1	504670.8	5410165.2	33382.60156	325.37	0	48.844441	-86.936340	55972.49	56238.1	11.86	55984.35	56021.07422	55965.66093	56006.11328	504670.8	5410165.2
L4570.1	504670.8	5410163.2	33382.80078	324.60	0	48.844423	-86.936339	55969.79	56238.1	11.86	55981.64	56018.72656	55966.49969	56007.62891	504670.8	5410163.2
L4570.1	504670.9	5410161.6	33382.89844	326.03	0	48.844408	-86.936338	55966.93	56238.1	11.86	55978.79	56016.23828	55959.68429	56001.48828	504670.9	5410161.6
L4570.1	504670.9	5410161.6	33383.00000	326.48	0	48.844408	-86.936338	55964.25	56238.1	11.86	55976.11	56013.91406	55963.03932	56005.51563	504670.9	5410161.6
L4570.1	504670.9	5410159.2	33383.10156	327.36	0	48.844387	-86.936338	55961.21	56238.1	11.86	55973.08	56011.23828	55958.04752	56001.19922	504670.9	5410159.2
L4570.1	504670.9	5410157.9	33383.19922	328.41	0	48.844375	-86.936338	55957.70	56238.1	11.87	55969.57	56008.07813	55941.91048	55985.73438	504670.9	5410157.9
L4570.1	504670.9	5410157.9	33383.30078	331.57	0	48.844375	-86.936338	55954.84	56238.1	11.87	55966.71	56005.56250	55941.10445	55985.59766	504670.9	5410157.9
L4570.1	504670.9	5410156.2	33383.39844	330.76	0	48.844359	-86.936337	55951.73	56238.1	11.87	55963.60	56002.79688	55934.49447	55979.65234	504670.9	5410156.2
L4570.1	504670.9	5410154.6	33383.50000	329.43	0	48.844345	-86.936337	55948.72	56238.1	11.88	55960.59	56000.12500	55930.15668	55975.97656	504670.9	5410154.6
L4570.1	504670.9	5410154.6	33383.60156	329.74	0	48.844345	-86.936337	55945.36	56238.1	11.88	55957.23	55997.10156	55917.83801	55964.32031	504670.9	5410154.6
L4570.1	504670.9	5410152.7	33383.69922	324.47	0	48.844328	-86.936337	55942.12	56238.1	11.88	55954.00	55994.20313	55908.42007	55955.56250	504670.9	5410152.7
L4570.1	504670.9	5410152.7	33383.80078	325.34	0	48.844328	-86.936337	55939.23	56238.1	11.88	55951.12	55991.64844	55906.71771	55954.51563	504670.9	5410152.7
L4570.1	504670.9	5410150.7	33383.89844	324.54	0	48.844311	-86.936337	55936.42	56238.1	11.89	55948.31	55989.16406	55906.36859	55954.81250	504670.9	5410150.7
L4570.1	504670.9	5410149.9	33384.00000	323.29	0	48.844303	-86.936338	55933.79	56238.1	11.89	55945.68	55986.85156	55909.79240	55958.87891	504670.9	5410149.9
L4570.1	504670.9	5410149.9	33384.10156	322.79	0	48.844303	-86.936338	55930.43	56238.1	11.89	55942.32	55983.80859	55896.75104	55946.48047	504670.9	5410149.9
L4570.1	504670.9	5410148.5	33384.19922	323.30	0	48.844291	-86.936338	55927.17	56238.1	11.89	55939.06	55980.85938	55885.68182	55936.05078	504670.9	5410148.5
L4570.1	504670.9	5410146.9	33384.30078	322.39	0	48.844276	-86.936338	55924.23	56238.1	11.89	55936.12	55978.22266	55881.42853	55932.42578	504670.9	5410146.9
L4570.1	504670.9	5410145.3	33384.39844	321.87	0	48.844262	-86.936338	55921.93	56238.1	11.89	55933.82	55976.22656	55891.08984	55942.71094	504670.9	5410145.3
L4570.1	504670.9	5410143.9	33384.50000	324.41	0	48.844249	-86.936338	55919.25	56238.1	11.88	55931.13	55973.83203	55891.75564	55943.99219	504670.9	5410143.9
L4570.1	504670.9	5410143.9	33384.60156	324.51	0	48.844249	-86.936338	55916.16	56238.1	11.88	55928.05	55971.04297	55883.34901	55936.19531	504670.9	5410143.9
L4570.1	504670.9	5410142.2	33384.60156	324.51	0	48.844234	-86.936338	55912.95	56238.1	11.88	55924.83	55968.11328	55871.35931	55924.81641	504670.9	5410142.2
L4570.1	504670.9	5410140.8	33384.80078	326.06	0	48.844221	-86.936338	55909.87	56238.1	11.88	55921.75	55965.31641	55861.99973	55916.05469	504670.9	5410140.8
L4570.1	504670.9	5410140.8	33384.89844	326.61	0	48.844221	-86.936338	55906.88	56238.1	11.88	55918.76	55962.60156	55854.12503	55908.76563	504670.9	5410140.8
L4570.1	504670.9	5410139.2	33385.00000	325.04	0	48.844207	-86.936338	55903.85	56238.1	11.88	55915.73	55959.84375	55844.75765	55899.98047	504670.9	5410139.2
L4570.1	504670.9	5410139.2	33385.10156	323.92	0	48.844207	-86.936338	55901.14	56238.1	11.88	55913.02	55957.40234	55842.09582	55897.89453	504670.9	5410139.2
L4570.1	504670.9	5410137.3	33385.19922	325.13	0	48.844190	-86.936338	55898.08	56238.1	11.88	55909.96	55954.60156	55830.76670	55887.13672	504670.9	5410137.3
L4570.1	504670.9	5410135.6	33385.30078	328.09	0	48.844175	-86.936338	55895.57	56238.1	11.88	55907.45	55952.35156	55831.51068	55888.43750	504670.9	5410135.6
L4570.1	504670.9	5410134.0	33385.39844	329.64	0	48.844160	-86.936338	55892.59	56238.1	11.88	55904.47	55949.62109	55820.64127	55878.11719	504670.9	5410134.0
L4570.1	504670.9	5410134.0	33385.50000	329.60	0	48.844160	-86.936338	55890.01	56238.1	11.88	55901.89	55947.28906	55818.44750	55876.46094	504670.9	5410134.0
L4570.1	504670.9	5410132.1	33385.60156	330.67	0	48.844143	-86.936338	55887.18	56238.1	11.88	55899.06	55944.69922	55809.61271	55868.15625	504670.9	5410132.1
L4570.1	504670.9	5410132.1	33385.69922	329.75	0	48.844143	-86.936338	55884.65	56238.1	11.88	55896.53	55942.40234	55807.17445	55866.24219	504670.9	5410132.1
L4570.1	504670.9	5410130.6	33385.80078	328.58	0	48.844130	-86.936338	55881.96	56238.1	11.88	55893.84	55939.94141	55800.11499	55859.69531	504670.9	5410130.6
L4570.1	504670.9	5410129.1	33385.89844	326.67	0	48.844116	-86.936338	55879.31	56238.1	11.88	55891.19	55937.51563	55785.22082	55845.29688	504670.9	5410129.1
L4570.1	504670.9	5410127.8	33386.00000	327.09	0	48.844104	-86.936338	55877.01	56238.1	11.88	55888.89	55935.43359	55783.70932	55844.27344	504670.9	5410127.8
L4570.1	504670.9	5410127.8	33386.10156	327.61	0	48.844104	-86.936338	55874.56	56238.1	11.88	55886.44	55933.19922	55778.55170	55839.59766	504670.9	5410127.8
L4570.1	504670.9	5410125.4	33386.19922	328.01	0	48.844083	-86.936339	55872.00	56238.1	11.88	55883.88	55930.84375	55770.44233	55831.95703	504670.9	5410125.4
L4570.1	504670.8	5410124.0	33386.30078	328.53	0	48.844070	-86.936339	55869.12	56238.1	11.88	55881.00	55928.16797	55755.10724	55817.08203	504670.8	5410124.0
L4570.1	504670.8	5410124.0	33386.39844	329.27	0	48.844070	-86.936339	55866.54	56238.1	11.88	55878.42	55925.78125	55744.85673	55807.27344	504670.8	5410124.0
L4570.1	504670.8	5410122.5	33386.50000	330.02	0	48.844057	-86.936339	55864.29	56238.1	11.89	55876.17	55923.72266	55740.38646	55803.23438	504670.8	5410122.5
L4570.1	504670.8	5410122.5	33386.60156	329.08	0	48.844057	-86.936339	55861.86	56238.1	11.89	55873.74	55921.47656	55731.43607	55794.70703	504670.8	5410122.5
L4570.1	504670.8	5410120.6	33386.60156	329.08	0	48.844040	-86.936339	55859.70	56238.1	11.89	55871.58	55919.49609	55727.10004	55790.78125	504670.8	5410120.6
L4570.1	504670.8	5410118.9	33386.80078	326.12	0	48.844025	-86.936340	55857.48	56238.1	11.89	55869.37	55917.45703	55720.88455	55784.96094	504670.8	5410118.9
L4570.1	504670.8	5410118.9	33386.89844	331.68	0	48.844025	-86.936340	55855.38	56238.1	11.89	55867.27	55915.52344	55716.04184	55780.50000	504670.8	5410118.9
L4570.1	504670.8	5410117.0	33387.00000	330.56	0	48.844007	-86.936340	55853.36	56238.1	11.89	55865.25	55913.66406	55711.95966	55776.78516	504670.8	5410117.0
L4570.1	504670.8	5410115.4	33387.10156	332.71	0	48.843993	-86.936340	55851.36	56238.1	11.89	55863.25	55911.82031	55707.39372	55772.57813	504670.8	5410115.4
L4570.1	504670.8	5410115.4	33387.19922	333.64	0	48.843993	-86.936340	55849.03	56238.1	11.89	55860.93	55909.64844	55695.33396	55760.86328	504670.8	5410115.4
L4570.1	504670.8	5410113.5	33387.30078	333.46	0	48.843975	-86.936340	55846.90	56238.1	11.90	55858.80	55907.66406	55686.26203	55752.12500	504670.8	5410113.5

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4570.1	504670.8	5410113.5	33387.39844	332.89	0	48.843975	-86.936340	55845.36	56238.1	11.90	55857.26	55906.25781	55688.38134	55754.55859	504670.8	5410113.5
L4570.1	504670.8	5410111.8	33387.50000	332.77	0	48.843961	-86.936340	55843.24	56238.1	11.90	55855.14	55904.26953	55677.63798	55744.11328	504670.8	5410111.8
L4570.1	504670.8	5410110.1	33387.60156	328.96	0	48.843945	-86.936340	55841.68	56238.1	11.90	55853.58	55902.83594	55677.39904	55744.16406	504670.8	5410110.1
L4570.1	504670.7	5410108.7	33387.69922	330.28	0	48.843933	-86.936341	55839.29	56238.1	11.90	55851.20	55900.57813	55659.42126	55726.46094	504670.7	5410108.7
L4570.1	504670.7	5410108.7	33387.80078	330.02	0	48.843933	-86.936341	55837.98	56238.1	11.91	55849.88	55899.37109	55662.05341	55729.35156	504670.7	5410108.7
L4570.1	504670.7	5410106.5	33387.89844	329.29	0	48.843913	-86.936341	55836.36	56238.1	11.91	55848.27	55897.87109	55657.73053	55725.26953	504670.7	5410106.5
L4570.1	504670.7	5410106.5	33388.00000	325.32	0	48.843913	-86.936341	55834.84	56238.1	11.91	55846.75	55896.45313	55654.16473	55721.92969	504670.7	5410106.5
L4570.1	504670.7	5410105.1	33388.10156	326.54	0	48.843900	-86.936341	55833.35	56238.1	11.91	55845.26	55895.05859	55650.11761	55718.09766	504670.7	5410105.1
L4570.1	504670.7	5410104.0	33388.19922	325.69	0	48.843890	-86.936341	55832.11	56238.1	11.91	55844.02	55893.91016	55649.96275	55718.14453	504670.7	5410104.0
L4570.1	504670.7	5410102.2	33388.30078	327.74	0	48.843874	-86.936342	55831.10	56238.1	11.91	55843.01	55892.98438	55653.22379	55721.58594	504670.7	5410102.2
L4570.1	504670.7	5410102.2	33388.39844	328.25	0	48.843874	-86.936342	55829.93	56238.1	11.91	55841.84	55891.89453	55652.11669	55720.64453	504670.7	5410102.2
L4570.1	504670.6	5410100.4	33388.50000	329.14	0	48.843858	-86.936342	55828.85	56238.1	11.90	55840.76	55890.88672	55651.60283	55720.28125	504670.6	5410100.4
L4570.1	504670.6	5410100.4	33388.60156	327.30	0	48.843858	-86.936342	55826.97	56238.1	11.90	55838.87	55889.06641	55634.00724	55702.82031	504670.6	5410100.4
L4570.1	504670.6	5410098.7	33388.60156	327.30	0	48.843843	-86.936342	55826.49	56238.1	11.90	55838.40	55888.66016	55643.04509	55711.97656	504670.6	5410098.7
L4570.1	504670.6	5410098.7	33388.80078	325.08	0	48.843843	-86.936342	55825.23	56238.1	11.90	55837.13	55887.44531	55635.20517	55704.24219	504670.6	5410098.7
L4570.1	504670.6	5410097.0	33388.89844	325.73	0	48.843827	-86.936343	55824.83	56238.1	11.90	55836.73	55887.09766	55642.99454	55712.11719	504670.6	5410097.0
L4570.1	504670.6	5410095.2	33389.00000	327.04	0	48.843811	-86.936343	55823.64	56238.1	11.90	55835.54	55885.95703	55666.06372	55735.25391	504670.6	5410095.2
L4570.1	504670.6	5410093.9	33389.10156	325.82	0	48.843799	-86.936343	55823.38	56238.1	11.90	55835.28	55885.73438	55676.32822	55745.57031	504670.6	5410093.9
L4570.1	504670.6	5410093.9	33389.19922	325.55	0	48.843799	-86.936343	55822.47	56238.1	11.89	55834.37	55884.86328	55669.11916	55738.40234	504670.6	5410093.9
L4570.1	504670.6	5410092.2	33389.30078	327.37	0	48.843784	-86.936343	55821.84	56238.1	11.89	55833.73	55884.25391	55666.65700	55735.96094	504670.6	5410092.2
L4570.1	504670.5	5410090.6	33389.39844	327.79	0	48.843770	-86.936343	55821.44	56238.1	11.89	55833.33	55883.87891	55668.21697	55737.52344	504670.5	5410090.6
L4570.1	0.0	0.0	33389.50000	327.29	0	48.843757	-86.936343	55821.03	56238.1	11.89	55832.91	55883.47656	55667.55297	55736.84375	504670.6	5410089.2
L4570.1	0.0	0.0	33389.60156	328.77	0	48.843757	-86.936343	55821.25	56238.1	11.88	55833.14	55883.72266	55680.90326	55750.16406	504670.6	5410089.2
L4570.1	0.0	0.0	33389.69922	327.88	0	48.843741	-86.936343	55820.81	56238.1	11.88	55832.69	55883.28125	55640.89357	55710.10938	504670.6	5410087.4
L4570.1	0.0	0.0	33389.80078	327.73	0	48.843726	-86.936343	55820.63	56238.1	11.88	55832.50	55883.09766	55640.90770	55710.06250	504670.6	5410085.7
L4570.1	0.0	0.0	33389.89844	325.79	0	48.843726	-86.936343	55820.14	56238.1	11.87	55832.02	55882.61719	55634.05484	55703.12891	504670.6	5410085.7
L4570.1	0.0	0.0	33390.00000	326.06	0	48.843706	-86.936343	55820.42	56238.1	11.87	55832.29	55882.87891	55640.63369	55709.60938	504670.6	5410083.6
L4570.1	0.0	0.0	33390.10156	325.63	0	48.843706	-86.936343	55820.02	56238.1	11.87	55831.89	55882.46875	55632.92283	55701.78516	504670.6	5410083.6
L4570.1	0.0	0.0	33390.19922	325.27	0	48.843695	-86.936343	55820.55	56238.1	11.87	55832.42	55882.98438	55642.32294	55711.05859	504670.6	5410082.3
L4570.1	0.0	0.0	33390.30078	317.91	0	48.843683	-86.936343	55820.53	56238.1	11.87	55832.39	55882.93359	55639.60010	55708.19141	504670.6	5410081.0
L4570.1	0.0	0.0	33390.39844	316.76	0	48.843672	-86.936344	55820.77	56238.1	11.87	55832.64	55883.16016	55641.31616	55709.74609	504670.5	5410079.8
L4570.1	0.0	0.0	33390.50000	326.90	0	48.843672	-86.936344	55821.13	56238.1	11.86	55832.99	55883.48047	55643.95105	55712.19922	504670.5	5410079.8
L4570.1	0.0	0.0	33390.60156	330.89	0	48.843658	-86.936344	55821.48	56238.1	11.86	55833.35	55883.80859	55645.73533	55713.78906	504670.5	5410078.2
L4570.1	0.0	0.0	33390.60156	330.89	0	48.843641	-86.936344	55821.96	56238.1	11.86	55833.83	55884.25000	55648.87946	55716.72266	504670.5	5410076.3
L4570.1	0.0	0.0	33390.80078	332.81	0	48.843641	-86.936344	55822.27	56238.1	11.86	55834.13	55884.50781	55647.38754	55715.00391	504670.5	5410076.3
L4570.1	0.0	0.0	33390.89844	330.12	0	48.843628	-86.936344	55823.18	56238.1	11.86	55835.04	55885.37109	55657.12019	55724.49219	504670.5	5410074.9
L4570.1	0.0	0.0	33391.00000	331.61	0	48.843618	-86.936345	55823.71	56238.1	11.86	55835.57	55885.85156	55658.21363	55725.32422	504670.5	5410073.7
L4570.1	0.0	0.0	33391.10156	330.65	0	48.843618	-86.936345	55824.80	56238.1	11.86	55836.66	55886.88672	55669.60902	55736.44531	504670.5	5410073.7
L4570.1	0.0	0.0	33391.19922	327.79	0	48.843605	-86.936345	55825.38	56238.1	11.85	55837.23	55887.39453	55669.53438	55736.08203	504670.5	5410072.3
L4570.1	0.0	0.0	33391.30078	328.12	0	48.843589	-86.936345	55826.09	56238.1	11.85	55837.94	55888.04297	55671.33346	55737.57813	504670.4	5410070.5
L4570.1	0.0	0.0	33391.39844	327.98	0	48.843580	-86.936345	55826.59	56238.2	11.85	55838.44	55888.47656	55667.93824	55733.85938	504670.4	5410069.5
L4570.1	0.0	0.0	33391.50000	329.52	0	48.843580	-86.936345	55827.66	56238.2	11.85	55839.51	55889.47266	55675.20661	55740.79297	504670.4	5410069.5
L4570.1	0.0	0.0	33391.60156	331.19	0	48.843566	-86.936346	55828.77	56238.2	11.84	55840.61	55890.50000	55682.21676	55747.44922	504670.4	5410068.0
L4570.1	0.0	0.0	33391.69922	329.57	0	48.843554	-86.936346	55830.08	56238.2	11.84	55841.92	55891.73047	55692.65521	55757.52734	504670.4	5410066.7
L4570.1	0.0	0.0	33391.80078	327.57	0	48.843554	-86.936346	55831.53	56238.2	11.84	55843.36	55893.08984	55704.91915	55769.41016	504670.4	5410066.7
L4570.1	0.0	0.0	33391.89844	324.80	0	48.843538	-86.936347	55832.39	56238.2	11.83	55844.22	55893.86328	55704.57940	55768.67578	504670.3	5410064.9
L4570.1	0.0	0.0	33392.00000	325.23	0	48.843525	-86.936347	55833.58	56238.2	11.83	55845.41	55894.96094	55710.16767	55773.85547	504670.3	5410063.4
L4570.1	0.0	0.0	33392.10156	327.32	0	48.843515	-86.936348	55834.41	56238.2	11.83	55846.24	55895.69922	55707.67818	55770.94531	504670.3	5410062.2
L4570.1	0.0	0.0	33392.19922	326.65	0	48.843503	-86.936348	55835.98	56238.2	11.83	55847.81	55897.17188	55719.45718	55782.29297	504670.2	5410061.0
L4570.1	0.0	0.0	33392.30078	327.39	0	48.843503	-86.936348	55837.20	56238.2	11.83	55849.03	55898.29297	55723.39366	55785.78125	504670.2	5410061.0
L4570.1	0.0	0.0	33392.39844	328.02	0	48.843488	-86.936348	55838.84	56238.2	11.83	55850.67	55899.82813	55735.09650	55797.02344	504670.2	5410059.3
L4570.1	0.0	0.0	33392.50000	329.81	0	48.843475	-86.936349	55840.38	56238.2	11.83	55852.21	55901.26172	55744.05008	55805.50000	504670.2	5410057.8
L4570.1	0.0	0.0	33392.60156	330.03	0	48.843475	-86.936349	55841.75	56238.2	11.84	55853.58	55902.52344	55748.87554	55809.83984	504670.2	5410057.8
L4570.1	0.0	0.0	33392.60156	330.03	0	48.843463	-86.936349	55843.46	56238.2	11.84	55855.30	55904.13281	55760.07513	55820.54297	504670.2	5410056.5
L4570.1	0.0	0.0	33392.80078	330.94	0	48.843450	-86.936349	55844.88	56238.2	11.84	55856.72	55905.43750	55764.59438	55824.55469	504670.2	5410055.0
L4570.1	0.0	0.0	33392.89844	329.97	0	48.843438	-86.936349	55846.55	56238.2	11.84	55858.39	55906.98828	55773.51607	55832.95703	504670.2	5410053.7
L4570.1	0.0	0.0	33393.00000	330.26	0	48.843438	-86.936349	55847.87	56238.2	11.84	55859.71	55908.18750	55774.83020	55833.73828	504670.2	5410053.7
L4570.1	0.0	0.0	33393.10156	327.68	0	48.843427	-86.936349	55849.28	56238.2	11.84	55861.12	55909.47266	55777.39415	55835.75781	504670.2	5410052.5
L4570.1	0.0	0.0	33393.19922	326.78	0	48.843414	-86.936349	55850.58	56238.2	11.83	55862.41	55910.63672	55777.03605	55834.84766	504670.2	5410051.0
L4570.1	0.0	0.0	33393.30078	325.22	0	48.843414	-86.936349	55852.27	56238.2	11.83	55864.10	55912.19922	55784.20510	55841.45313	504670.2	5410051.0
L4570.1	0.0	0.0	33393.39844	325.69	0	48.843403	-86.936349	55854.27	56238.2	11.83	55866.09	55914.05469	55796.93263	55853.60547	504670.2	5410049.9
L4570.1	0.0	0.0	33393.50000	326.56	0	48.843391	-86.936349	55856.29	56238.2	11.82	55868.12	55915.95313	55810.04764	55866.13672	504670.2	5410048.5
L4570.1	0.0	0.0	33393.60156	327.52	0	48.843391	-86.936349	55858.21	56238.2	11.82	55870.03	55917.72656	55820.37972	55875.87109	504670.2	5410048.5
L4570.1	0.0	0.0	33393.69922	328.09	0	48.843381	-86.936349	55860.04	56238.2	11.82	55871.85	55919.40625	55828.56011	55883.44922	504670.2	5410047.3
L4570.1	0.0	0.0	33393.80078	329.10	0	48.843372	-86.936349	55861.71	56238.2	11.82	55873.52	55920.93750	55833.41352	55887.69141	504670.2	5410046.4
L4570.1	0.0	0.0	33393.89844	327.95	0	48.843359	-86.936349	55863.25	56238.2	11.81	55875.06	55922.33203	55835.36519	55889.02344	504670.2	5410044.9
L4570.1	0.0	0.0	33394.00000	328.42	0	48.843359	-86.936349	55864.79	56238.2	11.81	55876.60	55923.72656	55837.04850	55890.07422	504670.2	5410044.9
L4570.1	0.0	0.0	33394.10156	331.69	0	48.843346	-86.936349	55866.18	56238.2	11.81	55877.99	55924.96875	55835.47921	55887.86719	504670.2	5410043.5
L4570.1	0.0	0.0	33394.19922	332.87	0	48.843335	-86.936349	55868.06	56238.2	11.80	55879.86	55926.69141	55843.33829	55895.08203	504670.1	5410042.3
L4570.1	0.0	0.0	33394.30078	331.69	0	48.843335	-86.936349	55869.59	56238.2	11.80	55881.39	55928.07031	55844.18784	55895.27734	504670.1	5410042.3
L4570.1	0.0	0.0	33394.39844	331.42	0	48.843323	-86.936350	55871.77	56238.2	11.80	55883.57	55930.09766	55857.95657	55908.38281	504670.1	5410041.0
L4570.1	0.0	0.0	33394.50000	330.49	0	48.843315	-86.936350	55872.96	56238.2	11.79	55884.76	55931.13281	55851.69201	55901.44531	504670.1	5410040.1
L4570.1	0.0	0.0	33394.60156	329.75	0	48.843307	-86.936350	55874.93	56238.2	11.79	55886.73	55932.94531	55861.02276	55910.09766	504670.1	5410039.2
L4570.1	0.0	0.0	33394.60156	329.75	0	48.843307	-86.936350	55876.50	56238.2	11.79	55888.30	55934.35938	55862.23687	55910.62891	504670.1	5410039.2
L4570.1	0.0	0.0	33394.80078	328.98	0	48.843295	-86.936350	55878.27	56238.2	11.79	55890.06	55935.95703	55867.23182	55914.93359	504670.1	5410037.8
L4570.1	0.0	0.0	33394.89844	329.29	0	48.843286	-86.936351	55879.94	56238.2	11.78	55891.72	55937.45703	55870.19862	55917.19922	504670.1	5410036.8
L4570.1	0.0	0.0	33395.00000	326.55	0	48.843286	-86.936351	55881.74	56238.2	11.78	55893.52	55939.09375	55875.98188	55922.27734	504670.1	5410036.8
L4570.1	0.0	0.0	33395.10156	328.53	0	48.843276	-86.936351	55883.54	56238.2	11.78	55895.31	55940.71875	55881.58438	55927.16406	504670.1	5410035.7
L4570.1	0.0	0.0	33395.19922	325.44	0	48.843266	-86.936351	55884.95	56238.2	11.77	55896.72	55941.96484	55879.63347	55924.49609	504670.0	5410034.6
L4570.1	0.0	0.0	33395.30078	327.24	0	48.843258	-86.936351	55886.82	56238.2	11.76	55898.58	55943.66016	55886.74304	55930.87891	504670.0	5410033.8
L4570.1	0.0	0.0	33395.39844	326.69	0	48.843258	-86.936351	55888.36	56238.2	11.76	55900.12	55945.03125	55887.56284	55930.96875	504670.0	5410033.8
L4570.1	0.0	0.0	33395.50000	328.08	0	48.843250	-86.936351	55890.32	56238.2	11.76	55902.07	55946.81250	55896.61650	55939.28125	504670.0	5410032.8
L4570.1	0.0	0.0	33395.60156	330.21	0	48.843240	-86.936352	55891.58	56238.3	11.75	55903.33	55947.90234	55892.14821	55934.06641	504670.0	5410031.7
L4570.1	0.0	0.0	33395.69922	329.28	0	48.843240	-86.936352	55893.25	56238.3	11.75	55904.99	55949.39063	55895.73450	55936.90234	504670.0	5410031.7
L4570.1	0.0	0.0	33395.80078	327.58	0	48.843229	-86.936352	55894.62	56238.3	11.74	55906.36	55950.58984	55893.79671	55934.20703	504670.0	5410030.5
L4570.1	0.0	0.0	33395.89844	327.79	0	48.843219	-86.936352	55896.34	56238.3	11.74	55908.07	55952.12500	55898.70812	55938.35547	504670.0	5410029.4
L4570.1	0.0	0.0	33396.00000	327.29	0	48.843219	-86.936352	55897.95	56238.3	11.73	55909.68	55953.56250	55901.85737	55940.73438	504670.0	5410029.4
L4570.1	0.0	0.0	33396.10156	327.37	0	48.843209	-86.936352	55899.70	56238.3	11.73	55911.43	55955.13672	55907.94834	55946.04688	504670.0	5410028.3
L4570.1	0.0	0.0	33396.19922	327.20	0	48.843201	-86.936352	55901.34	56238.3	11.73	55913.07	55956.60156	55912.12992	55949.44922	504669.9	5410027.4
L4570.1	0.0	0.0	33396.30078	327.48	0	48.843193	-86.936353	55902.73	56238.3	11.72	55914.46	55957.81641	55911.70136	55948.23047	504669.9	5410026.5
L4570.1	0.0	0.0	33396.39844	327.39	0	48.843184	-86.936353	55904.40	56238.3	11.72	55916.12	55959.30078	55916.80634	55952.54297	504669.9	5410025.4
L4570.1	0.0	0.0	33396.50000	326.89	0	48.843184	-86.936353	55905.74	56238.3	11.72	55917.46	55960.46484	55915.96160	55950.89453	504669.9	5410025.4
L4570.1	0.0	0.0	33396.60156	325.05	0	48.843176	-86.936353	55907.34	56238.3	11.72	55919.05	55961.87500	55920.30941	55954.43750	504669.9	5410024.6

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4570.1	0.0	0.0	33396.60156	325.05	0	48.843168	-86.936354	55908.40	56238.3	11.72	55920.12	55962.76953	55914.76372	55948.07813	504669.8	5410023.7
L4570.1	0.0	0.0	33396.80078	328.00	0	48.843168	-86.936354	55910.22	56238.3	11.71	55921.93	55964.39844	55924.12102	55956.61328	504669.8	5410023.7
L4570.1	0.0	0.0	33396.89844	327.74	0	48.843158	-86.936354	55911.54	56238.3	11.71	55923.25	55965.54297	55924.16597	55955.83203	504669.8	5410022.6
L4570.1	0.0	0.0	33397.00000	327.31	0	48.843158	-86.936354	55913.11	56238.3	11.71	55924.82	55966.93359	55929.55474	55960.39063	504669.8	5410022.6
L4570.1	0.0	0.0	33397.10156	327.24	0	48.843149	-86.936355	55914.14	56238.3	11.71	55925.85	55967.78125	55924.50746	55954.50000	504669.8	5410021.6
L4570.1	0.0	0.0	33397.19922	329.13	0	48.843142	-86.936355	55915.76	56238.3	11.70	55927.46	55969.21484	55931.50189	55960.64844	504669.7	5410020.8
L4570.1	0.0	0.0	33397.30078	324.88	0	48.843142	-86.936355	55917.10	56238.3	11.70	55928.80	55970.37500	55933.46809	55961.76172	504669.7	5410020.8
L4570.1	0.0	0.0	33397.39844	329.31	0	48.843133	-86.936356	55918.06	56238.3	11.69	55929.75	55971.14453	55927.86232	55955.29688	504669.7	5410019.9
L4570.1	0.0	0.0	33397.50000	329.72	0	48.843125	-86.936356	55919.75	56238.3	11.69	55931.44	55972.65625	55937.84025	55964.40625	504669.7	5410019.0
L4570.1	0.0	0.0	33397.60156	331.69	0	48.843125	-86.936356	55920.87	56238.3	11.69	55932.55	55973.58594	55936.32599	55962.01953	504669.7	5410019.0
L4570.1	0.0	0.0	33397.69922	332.99	0	48.843118	-86.936357	55922.34	56238.3	11.68	55934.02	55974.87500	55942.71908	55967.52734	504669.6	5410018.1
L4570.1	0.0	0.0	33397.80078	330.83	0	48.843110	-86.936357	55923.50	56238.3	11.68	55935.18	55975.85547	55943.11260	55967.03125	504669.6	5410017.3
L4570.1	0.0	0.0	33397.89844	333.92	0	48.843110	-86.936357	55925.12	56238.3	11.67	55936.79	55977.28516	55953.41630	55976.43750	504669.6	5410017.3
L4570.1	0.0	0.0	33398.00000	331.10	0	48.843103	-86.936358	55926.34	56238.3	11.67	55938.01	55978.32813	55956.00536	55978.12109	504669.6	5410016.5
L4570.1	0.0	0.0	33398.10156	332.66	0	48.843094	-86.936358	55927.65	56238.3	11.67	55939.32	55979.45703	55960.96551	55982.16797	504669.5	5410015.5
L4570.1	0.0	0.0	33398.19922	330.45	0	48.843089	-86.936358	55929.09	56238.3	11.67	55940.76	55980.71875	55969.16809	55989.44922	504669.5	5410014.9
L4570.1	0.0	0.0	33398.30078	330.87	0	48.843089	-86.936358	55929.97	56238.3	11.67	55941.64	55981.42188	55965.91329	55985.26563	504669.5	5410014.9
L4570.1	0.0	0.0	33398.39844	332.82	0	48.843083	-86.936358	55931.19	56238.3	11.67	55942.85	55982.45313	55970.13895	55988.55469	504669.5	5410014.3
L4570.1	0.0	0.0	33398.50000	331.72	0	48.843077	-86.936358	55931.90	56238.3	11.67	55943.56	55982.98828	55964.13727	55981.60547	504669.5	5410013.6
L4570.1	0.0	0.0	33398.60156	327.07	0	48.843070	-86.936359	55933.26	56238.3	11.66	55944.93	55984.17969	55972.69336	55989.20313	504669.5	5410012.8
L4570.1	0.0	0.0	33398.60156	327.07	0	48.843070	-86.936359	55934.38	56238.3	11.66	55946.04	55985.11328	55976.14544	55991.69141	504669.5	5410012.8
L4570.1	0.0	0.0	33398.80078	328.27	0	48.843064	-86.936359	55935.56	56238.3	11.66	55947.23	55986.12891	55981.75618	55996.32813	504669.5	5410012.2
L4570.1	0.0	0.0	33398.89844	331.16	0	48.843058	-86.936359	55936.35	56238.3	11.66	55948.01	55986.73438	55979.06056	55992.65234	504669.5	5410011.5
L4570.1	0.0	0.0	33399.00000	329.09	0	48.843058	-86.936359	55937.36	56238.3	11.66	55949.02	55987.57031	55981.72598	55994.32422	504669.5	5410011.5
L4570.1	0.0	0.0	33399.10156	329.38	0	48.843053	-86.936358	55938.52	56238.3	11.66	55950.18	55988.55469	55988.03270	55999.62891	504669.5	5410010.9
L4570.1	0.0	0.0	33399.19922	331.38	0	48.843047	-86.936358	55939.48	56238.3	11.66	55951.14	55989.34375	55990.52622	56001.10938	504669.5	5410010.3
L4570.1	0.0	0.0	33399.30078	329.24	0	48.843047	-86.936358	55940.42	56238.3	11.66	55952.08	55990.10938	55993.03996	56002.60156	504669.5	5410010.3
L4570.1	0.0	0.0	33399.39844	330.75	0	48.843042	-86.936358	55941.18	56238.3	11.66	55952.84	55990.69922	55992.17475	56000.70313	504669.5	5410009.8
L4570.1	0.0	0.0	33399.50000	335.70	0	48.843038	-86.936358	55941.86	56238.3	11.66	55953.52	55991.21094	55990.05423	55997.54297	504669.6	5410009.2
L4570.1	0.0	0.0	33399.60156	336.88	0	48.843032	-86.936358	55942.70	56238.3	11.66	55954.36	55991.88281	55991.75713	55998.19141	504669.6	5410008.6
L4570.1	0.0	0.0	33399.69922	335.69	0	48.843032	-86.936358	55943.68	56238.3	11.66	55955.34	55992.69141	55996.84522	56002.21484	504669.6	5410008.6
L4570.1	0.0	0.0	33399.80078	330.48	0	48.843027	-86.936357	55944.52	56238.3	11.66	55956.18	55993.36719	55999.37755	56003.67578	504669.6	5410008.0
L4570.1	0.0	0.0	33399.89844	330.64	0	48.843027	-86.936357	55945.18	56238.3	11.66	55956.84	55993.85938	55998.50044	56001.71094	504669.6	5410008.0
L4570.1	0.0	0.0	33400.00000	327.30	0	48.843021	-86.936357	55945.86	56238.3	11.66	55957.52	55994.37500	55998.43515	56000.55078	504669.6	5410007.4
L4570.1	0.0	0.0	33400.10156	326.15	0	48.843015	-86.936357	55946.72	56238.3	11.66	55958.38	55995.07031	56002.54650	56003.55469	504669.6	5410006.7
L4570.1	0.0	0.0	33400.19922	330.51	0	48.843015	-86.936357	55947.33	56238.3	11.65	55958.98	55995.50781	56001.52504	56001.41406	504669.6	5410006.7
L4570.1	0.0	0.0	33400.30078	330.23	0	48.843011	-86.936357	55947.88	56238.3	11.65	55959.53	55995.89844	55999.80420	55998.56250	504669.7	5410006.3
L4570.1	0.0	0.0	33400.39844	329.04	0	48.843006	-86.936356	55948.62	56238.4	11.65	55960.27	55996.48047	56002.42675	56000.04688	504669.7	5410005.7
L4570.1	0.0	0.0	33400.50000	332.73	0	48.843006	-86.936356	55949.38	56238.4	11.65	55961.02	55997.07031	56005.58078	56002.04688	504669.7	5410005.7
L4570.1	0.0	0.0	33400.60156	332.93	0	48.843001	-86.936356	55950.21	56238.4	11.64	55961.85	55997.74219	56010.71437	56006.01563	504669.7	5410005.2
L4570.1	0.0	0.0	33400.60156	332.93	0	48.843001	-86.936356	55950.74	56238.4	11.64	55962.38	55998.11719	56009.87005	56003.99219	504669.7	5410005.2
L4570.1	0.0	0.0	33400.80078	331.37	0	48.842997	-86.936355	55951.73	56238.4	11.64	55963.36	55998.94531	56018.69182	56011.62500	504669.7	5410004.7
L4570.1	0.0	0.0	33400.89844	332.35	0	48.842997	-86.936355	55951.96	56238.4	11.63	55963.59	55999.01953	56012.20336	56003.93359	504669.7	5410004.7
L4570.1	0.0	0.0	33401.00000	330.90	0	48.842993	-86.936355	55952.52	56238.4	11.63	55964.15	55999.42969	56012.86595	56003.38281	504669.8	5410004.3
L4570.1	0.0	0.0	33401.10156	327.82	0	48.842989	-86.936354	55952.92	56238.4	11.63	55964.55	55999.67969	56010.51419	55999.80469	504669.8	5410003.8
L4570.1	0.0	0.0	33401.19922	330.19	0	48.842989	-86.936354	55953.63	56238.4	11.63	55965.26	56000.24219	56014.81928	56002.87109	504669.8	5410003.8
L4570.1	0.0	0.0	33401.30078	330.89	0	48.842985	-86.936354	55953.93	56238.4	11.63	55965.56	56000.39453	56010.97578	55997.77734	504669.9	5410003.3
L4570.1	0.0	0.0	33401.39844	327.78	0	48.842982	-86.936353	55954.64	56238.4	11.63	55966.28	56000.97266	56015.99082	56001.52734	504669.9	5410003.0
L4570.1	0.0	0.0	33401.50000	325.91	0	48.842982	-86.936353	55955.14	56238.4	11.64	55966.78	56001.32813	56016.76552	56001.02344	504669.9	5410003.0
L4570.1	0.0	0.0	33401.60156	325.69	0	48.842979	-86.936353	55955.47	56238.4	11.64	55967.10	56001.50781	56014.13913	55997.10938	504669.9	5410002.7
L4570.1	0.0	0.0	33401.69922	327.19	0	48.842976	-86.936353	55955.75	56238.4	11.64	55967.39	56001.65625	56011.16724	55992.83594	504669.9	5410002.4
L4570.1	0.0	0.0	33401.80078	327.31	0	48.842976	-86.936353	55956.00	56238.4	11.64	55967.64	56001.76953	56007.63605	55987.98828	504669.9	5410002.4
L4570.1	0.0	0.0	33401.89844	328.05	0	48.842974	-86.936352	55956.16	56238.4	11.64	55967.80	56001.79297	56002.50928	55981.53125	504670.0	5410002.1
L4570.1	0.0	0.0	33402.00000	328.29	0	48.842974	-86.936352	55956.43	56238.4	11.64	55968.07	56001.92969	55999.84054	55977.52344	504670.0	5410002.1
L4570.1	0.0	0.0	33402.10156	330.01	0	48.842971	-86.936352	55956.82	56238.4	11.64	55968.45	56002.17578	55999.63266	55975.96094	504670.0	5410001.8
L4570.1	0.0	0.0	33402.19922	327.29	0	48.842969	-86.936351	55957.14	56238.4	11.64	55968.78	56002.37891	55998.60095	55973.56250	504670.0	5410001.6
L4570.1	0.0	0.0	33402.30078	326.93	0	48.842968	-86.936351	55957.72	56238.4	11.63	55969.36	56002.82813	56002.94680	55976.52734	504670.1	5410001.5
L4570.1	0.0	0.0	33402.39844	330.06	0	48.842968	-86.936351	55958.00	56238.4	11.63	55969.63	56002.97266	56001.04969	55973.23828	504670.1	5410001.5
L4570.1	0.0	0.0	33402.50000	329.25	0	48.842966	-86.936351	55958.38	56238.4	11.63	55970.01	56003.22656	56001.60845	55972.39063	504670.1	5410001.3
L4570.1	0.0	0.0	33402.60156	328.79	0	48.842966	-86.936351	55958.40	56238.4	11.63	55970.03	56003.12500	55994.65717	55964.01953	504670.1	5410001.3
L4570.1	0.0	0.0	33402.60156	328.79	0	48.842965	-86.936350	55958.46	56238.4	11.63	55970.09	56003.06250	55988.57365	55956.50391	504670.1	5410001.1
L4570.1	0.0	0.0	33402.80078	328.23	0	48.842965	-86.936350	55958.54	56238.4	11.62	55970.16	56003.01563	55982.71865	55949.20313	504670.1	5410001.1
L4570.1	0.0	0.0	33402.89844	331.40	0	48.842963	-86.936350	55959.32	56238.4	11.62	55970.94	56003.67578	55992.40894	55957.43750	504670.1	5410001.0
L4570.1	0.0	0.0	33403.00000	331.92	0	48.842962	-86.936350	55958.96	56238.4	11.62	55970.58	56003.20313	55977.21429	55940.77344	504670.2	5410000.9
L4570.1	0.0	0.0	33403.10156	332.16	0	48.842962	-86.936350	55958.84	56238.4	11.62	55970.46	56002.96875	55967.21381	55929.29297	504670.2	5410000.8
L4570.1	0.0	0.0	33403.19922	334.37	0	48.842962	-86.936350	55959.14	56238.4	11.62	55970.76	56003.16016	55966.57680	55927.16016	504670.2	5410000.8
L4570.1	0.0	0.0	33403.30078	336.35	0	48.842962	-86.936350	55958.91	56238.4	11.61	55970.52	56002.80859	55953.87525	55912.95313	504670.2	5410000.8
L4570.1	0.0	0.0	33403.39844	334.93	0	48.842961	-86.936350	55958.41	56238.4	11.61	55970.02	56002.20313	55935.27001	55892.82813	504670.2	5410000.7
L4570.1	0.0	0.0	33403.50000	335.92	0	48.842961	-86.936350	55958.28	56238.4	11.61	55969.89	56001.96875	55925.04206	55881.07031	504670.1	5410000.7
L4570.1	0.0	0.0	33403.60156	338.93	0	48.842961	-86.936350	55958.66	56238.4	11.61	55970.27	56002.24609	55926.50248	55880.98828	504670.1	5410000.7
L4570.1	0.0	0.0	33403.69922	338.13	0	48.842961	-86.936350	55958.91	56238.4	11.61	55970.52	56002.39453	55925.13823	55878.07031	504670.1	5410000.7
L4570.1	0.0	0.0	33403.80078	334.94	0	48.842961	-86.936350	55959.27	56238.4	11.60	55970.87	56002.64453	55926.18292	55877.55078	504670.1	5410000.7
L4570.1	0.0	0.0	33403.89844	331.35	0	48.842960	-86.936351	55959.54	56238.4	11.60	55971.14	56002.81641	55925.52742	55875.31641	504670.1	5410000.6
L4570.1	0.0	0.0	33404.00000	331.37	0	48.842960	-86.936351	55960.10	56238.4	11.60	55971.70	56003.28125	55931.59635	55879.80078	504670.1	5410000.6
L4570.1	0.0	0.0	33404.10156	331.16	0	48.842959	-86.936351	55960.31	56238.4	11.60	55971.90	56003.38672	55929.56901	55876.17188	504670.1	5410000.5
L4570.1	0.0	0.0	33404.19922	330.65	0	48.842958	-86.936351	55960.88	56238.4	11.60	55972.48	56003.87891	55936.26739	55881.26172	504670.0	5410000.4
L4570.1	0.0	0.0	33404.30078	331.74	0	48.842958	-86.936351	55960.78	56238.4	11.60	55972.38	56003.68750	55927.64803	55871.02344	504670.0	5410000.4
L4570.1	0.0	0.0	33404.39844	331.18	0	48.842957	-86.936352	55961.21	56238.4	11.60	55972.81	56004.03125	55931.11037	55872.85547	504670.0	5410000.2
L4570.1	0.0	0.0	33404.50000	331.44	0	48.842955	-86.936352	55960.96	56238.4	11.60	55972.56	56003.69531	55919.36027	55859.46875	504670.0	5410000.1
L4570.1	0.0	0.0	33404.60156	333.19	0	48.842954	-86.936352	55960.84	56238.4	11.60	55972.44	56003.48828	55910.66722	55849.12500	504670.0	5409999.9
L4570.1	0.0	0.0	33404.60156	333.19	0	48.842954	-86.936352	55961.41	56238.4	11.60	55973.01	56003.97656	55917.47749	55854.27734	504670.0	5409999.9
L4570.1	0.0	0.0	33404.80078	332.17	0	48.842953	-86.936353	55961.87	56238.4	11.60	55973.47	56004.35547	55921.84643	55856.97656	504669.9	5409999.8
L4570.1	0.0	0.0	33404.89844	331.15	0	48.842951	-86.936353	55962.58	56238.4	11.60	55974.18	56004.98828	55931.78532	55865.24219	504669.9	5409999.5
L4570.1	0.0	0.0	33405.00000	329.38	0	48.842951	-86.936353	55962.88	56238.4	11.60	55974.48	56005.21094	55932.63645	55864.40625	504669.9	5409999.5
L4570.1	0.0	0.0	33405.10156	330.05	0	48.842948	-86.936354	55963.24	56238.4	11.60	55974.83	56005.48438	55934.63436	55864.71094	504669.9	5409999.3
L4570.1	0.0	0.0	33405.19922	330.19	0	48.842947	-86.936354	55963.19	56238.4	11.59	55974.78	56005.35938	55927.79455	55856.17188	504669.8	5409999.1
L4570.1	0.0	0.0	33405.30078	329.86	0	48.842945	-86.936354	55963.62	56238.4	11.59	55975.21	56005.71875	55931.64922	55858.31641	504669.8	5409998.9
L4570.1	0.0	0.0	33405.39844	328.79	0	48.842945	-86.936354	55963.70	56238.4	11.59	55975.28	56005.71484	55927.54248	55852.49609	504669.8	5409998.9
L4570.1	0.0	0.0	33405.50000	331.25	0	48.842942	-86.936355	55964.20	56238.4	11.58	55975.78	56006.14453	55933.08213	55856.31250	504669.8	5409998.6
L4570.1	0.0	0.0	33405.60156	333.83	0	48.842940	-86.936355	55964.75	56238.4	11.58	55976.34	56006.63672	55940.07273	55861.57422	504669.8	5409998.3
L4570.1	0.0	0.0	33405.69922	335.42	0	48.842937	-86.936355	55965.16	56238.4	11.58	55976.74	56006.96875	55943.59002	55863.35547	504669.7	5409998.0
L4570.1	0.0	0.0	33405.80078	336.49	0	48.842937	-86.936355	55965.92	56238.4	11.58	55977.49	56007.65234	55955.14427	55873.16797	504669.7	5409998.0
L4570.1	0.0	0.0	33405.89844	332.69	0	48.842934	-86.936356	55966.14	56238.4	11.57	55977.72	56007.81641	55955.07461	55871.35156	504669.7	5409997.7

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4570.1	0.0	0.0	33406.00000	334.66	0	48.842931	-86.936357	55966.98	56238.4	11.57	55978.55	56008.58594	55968.82222	55883.34766	504669.6	5409997.4
L4570.1	0.0	0.0	33406.10156	334.26	0	48.842931	-86.936357	55967.31	56238.4	11.57	55978.88	56008.85156	55971.33404	55884.10547	504669.6	5409997.4
L4570.1	0.0	0.0	33406.19922	334.17	0	48.842928	-86.936358	55967.87	56238.4	11.57	55979.44	56009.34766	55979.30700	55890.31641	504669.5	5409997.0
L4570.1	0.0	0.0	33406.30078	333.35	0	48.842924	-86.936359	55968.75	56238.4	11.57	55980.32	56010.16797	55994.93176	55904.17578	504669.5	5409996.6
L4570.1	0.0	0.0	33406.39844	332.89	0	48.842924	-86.936359	55969.36	56238.4	11.57	55980.93	56010.71484	56004.55023	55912.02344	504669.5	5409996.6
L4570.1	0.0	0.0	33406.50000	334.75	0	48.842920	-86.936361	55970.20	56238.4	11.57	55981.77	56011.49609	56019.81482	55925.51953	504669.4	5409996.1
L4570.1	0.0	0.0	33406.60156	333.74	0	48.842920	-86.936361	55971.03	56238.4	11.58	55982.60	56012.26563	56035.14651	55939.07422	504669.4	5409996.1
L4570.1	0.0	0.0	33406.60156	333.74	0	48.842915	-86.936362	55971.58	56238.4	11.58	55983.16	56012.76563	56044.36665	55946.51563	504669.2	5409995.6
L4570.1	0.0	0.0	33406.80078	334.23	0	48.842912	-86.936363	55972.14	56238.4	11.58	55983.72	56013.26953	56053.82588	55954.19531	504669.2	5409995.3
L4570.1	0.0	0.0	33406.89844	335.17	0	48.842907	-86.936365	55972.85	56238.4	11.58	55984.43	56013.91797	56067.12849	55965.71875	504669.1	5409994.7
L4570.1	0.0	0.0	33407.00000	338.11	0	48.842907	-86.936365	55973.61	56238.4	11.58	55985.19	56014.62109	56081.92276	55978.73047	504669.1	5409994.7
L4570.1	0.0	0.0	33407.10156	336.87	0	48.842903	-86.936366	55974.70	56238.4	11.58	55986.27	56015.64453	56104.77803	55999.80469	504669.0	5409994.2
L4570.1	0.0	0.0	33407.19922	335.68	0	48.842903	-86.936366	55975.68	56238.4	11.57	55987.25	56016.56641	56125.58791	56018.83203	504669.0	5409994.2
L4580.0	504578.2	5410093.3	1184.09998	246.25	42.82	48.843795	-86.937602	55676.95	56386.2	-136.22	55540.73	55746.44922	55612.05365	55723.51953	504578.2	5410093.3
L4580.0	504578.2	5410093.2	1184.19995	244.84	40.62	48.843794	-86.937602	55679.12	56386.2	-136.20	55542.92	55746.73828	55613.32868	55723.84375	504578.2	5410093.2
L4580.0	504578.2	5410093.1	1184.30005	245.75	41.87	48.843793	-86.937601	55681.31	56386.2	-136.18	55545.13	55747.05078	55614.62649	55724.19531	504578.2	5410093.1
L4580.0	504578.3	5410093.0	1184.40002	246.42	42.57	48.843792	-86.937601	55683.99	56386.2	-136.16	55547.83	55747.85156	55615.91607	55724.53516	504578.3	5410093.0
L4580.0	504578.3	5410092.9	1184.50000	245.75	42.57	48.843791	-86.937601	55686.31	56386.1	-136.14	55550.17	55748.29688	55617.25442	55724.92578	504578.3	5410092.9
L4580.0	504578.3	5410092.9	1184.59998	245.55	41.43	48.843791	-86.937601	55688.21	56386.1	-136.11	55552.09	55748.32031	55618.64587	55725.37109	504578.3	5410092.9
L4580.0	504578.2	5410092.8	1184.69995	245.71	42.66	48.843790	-86.937601	55690.13	56386.1	-136.09	55554.03	55748.36719	55620.06142	55725.84375	504578.2	5410092.8
L4580.0	504578.2	5410092.6	1184.80005	243.53	48.49	48.843789	-86.937601	55692.32	56386.1	-136.07	55556.24	55748.68359	55621.48472	55726.32031	504578.2	5410092.6
L4580.0	504578.2	5410092.4	1184.90002	243.07	48.49	48.843787	-86.937601	55694.76	56386.1	-136.05	55558.71	55749.26172	55622.91678	55726.81250	504578.2	5410092.4
L4580.0	504578.3	5410092.2	1185.00000	244.83	52.45	48.843785	-86.937601	55696.18	56386	-136.03	55560.15	55748.81250	55624.44392	55727.39844	504578.3	5410092.2
L4580.0	504578.3	5410092.2	1185.09998	244.81	51.84	48.843785	-86.937601	55697.34	56386	-136.01	55561.33	55748.10938	55626.01515	55728.03125	504578.3	5410092.2
L4580.0	504578.3	5410092.1	1185.19995	244.06	51.84	48.843784	-86.937601	55699.18	56386	-135.99	55563.19	55748.08984	55627.56813	55728.64844	504578.3	5410092.1
L4580.0	504578.3	5410091.8	1185.30005	247.53	40.79	48.843782	-86.937601	55699.72	56386	-135.97	55563.75	55746.76953	55629.23520	55729.38281	504578.3	5410091.8
L4580.0	504578.3	5410091.7	1185.40002	248.40	53.52	48.843780	-86.937601	55700.41	56385.9	-135.95	55564.46	55745.60547	55630.92004	55730.14063	504578.3	5410091.7
L4580.0	504578.3	5410091.5	1185.50000	248.05	53.51	48.843778	-86.937601	55701.03	56385.9	-135.92	55565.10	55744.37500	55632.63767	55730.92969	504578.3	5410091.5
L4580.0	504578.3	5410091.3	1185.59998	247.65	53.51	48.843777	-86.937600	55701.54	56385.9	-135.90	55565.64	55743.04688	55634.39043	55731.75781	504578.3	5410091.3
L4580.0	504578.4	5410091.1	1185.69995	249.21	46.92	48.843775	-86.937600	55702.16	56385.9	-135.88	55566.28	55741.82813	55636.16533	55732.61328	504578.4	5410091.1
L4580.0	504578.4	5410091.1	1185.80005	250.30	42.27	48.843775	-86.937600	55702.81	56385.9	-135.86	55566.94	55740.62891	55637.96806	55733.50000	504578.4	5410091.1
L4580.0	504578.5	5410090.6	1185.90002	250.22	42.27	48.843771	-86.937598	55703.49	56385.8	-135.84	55567.65	55739.48828	55639.79695	55734.41797	504578.5	5410090.6
L4580.0	504578.5	5410090.6	1186.00000	251.04	40.52	48.843771	-86.937598	55705.17	56385.8	-135.82	55569.35	55739.33984	55641.58969	55735.30469	504578.5	5410090.6
L4580.0	504578.5	5410090.3	1186.09998	249.91	39.05	48.843768	-86.937597	55705.80	56385.8	-135.80	55570.00	55738.15234	55643.48261	55736.29297	504578.5	5410090.3
L4580.0	504578.6	5410090.1	1186.19995	246.67	39.05	48.843766	-86.937597	55706.79	56385.8	-135.78	55571.01	55737.32813	55645.38203	55737.29297	504578.6	5410090.1
L4580.0	504578.7	5410089.8	1186.30005	246.92	53.55	48.843764	-86.937596	55708.72	56385.8	-135.77	55572.95	55737.43750	55647.25027	55738.26563	504578.7	5410089.8
L4580.0	504578.7	5410089.6	1186.40002	249.50	41.37	48.843761	-86.937595	55709.55	56385.7	-135.75	55573.80	55736.46875	55649.22230	55739.35156	504578.7	5410089.6
L4580.0	504578.7	5410089.6	1186.50000	249.94	41.32	48.843761	-86.937595	55711.87	56385.7	-135.73	55576.14	55736.99219	55651.12641	55740.37109	504578.7	5410089.6
L4580.0	504578.8	5410089.3	1186.59998	249.85	41.32	48.843758	-86.937594	55713.24	56385.7	-135.71	55577.53	55736.57422	55653.12553	55741.48828	504578.8	5410089.3
L4580.0	504578.9	5410088.9	1186.69995	251.03	47.09	48.843755	-86.937593	55715.91	56385.7	-135.69	55580.21	55737.45313	55655.07058	55742.56250	504578.9	5410088.9
L4580.0	504579.0	5410088.5	1186.80005	248.18	51.69	48.843752	-86.937592	55717.82	56385.7	-135.68	55582.15	55737.60156	55657.09712	55743.71875	504579.0	5410088.5
L4580.0	504579.0	5410088.2	1186.90002	248.16	48.91	48.843749	-86.937591	55720.00	56385.7	-135.66	55584.35	55738.01563	55659.13869	55744.89844	504579.0	5410088.2
L4580.0	504579.0	5410088.2	1187.00000	249.67	45.52	48.843749	-86.937591	55721.63	56385.6	-135.64	55585.99	55737.87891	55661.25013	55746.15625	504579.0	5410088.2
L4580.0	504579.1	5410087.8	1187.09998	248.96	45.52	48.843745	-86.937590	55724.20	56385.6	-135.62	55588.58	55738.69922	55663.33093	55747.38672	504579.1	5410087.8
L4580.0	504579.2	5410087.2	1187.19995	250.06	42.78	48.843740	-86.937589	55726.26	56385.6	-135.60	55590.66	55739.01563	55665.47855	55748.68750	504579.2	5410087.2
L4580.0	504579.2	5410086.9	1187.30005	250.32	44.3	48.843737	-86.937588	55729.26	56385.6	-135.58	55593.68	55740.28516	55667.59640	55749.96875	504579.2	5410086.9
L4580.0	504579.2	5410086.5	1187.40002	251.23	44.3	48.843733	-86.937588	55731.91	56385.6	-135.56	55596.35	55741.21094	55669.77056	55751.31250	504579.2	5410086.5
L4580.0	504579.2	5410086.5	1187.50000	250.60	44.68	48.843733	-86.937588	55734.14	56385.5	-135.54	55598.60	55741.72656	55672.00572	55752.71875	504579.2	5410086.5
L4580.0	504579.3	5410085.9	1187.59998	250.26	44.79	48.843728	-86.937587	55737.11	56385.5	-135.53	55601.58	55742.98047	55674.22520	55754.12109	504579.3	5410085.9
L4580.0	504579.3	5410085.3	1187.69995	249.34	44.79	48.843723	-86.937587	55740.36	56385.5	-135.51	55604.86	55744.54688	55676.45763	55755.54297	504579.3	5410085.3
L4580.0	504579.3	5410084.8	1187.80005	248.48	44.79	48.843718	-86.937586	55743.84	56385.5	-135.49	55608.35	55746.32813	55678.70894	55756.98828	504579.3	5410084.8
L4580.0	504579.3	5410084.8	1187.90002	249.50	47.22	48.843718	-86.937586	55746.48	56385.5	-135.47	55611.01	55747.29297	55681.04835	55758.52734	504579.3	5410084.8
L4580.0	504579.4	5410084.3	1188.00000	250.85	48.14	48.843714	-86.937586	55749.37	56385.4	-135.45	55613.92	55748.51563	55683.40372	55760.08984	504579.4	5410084.3
L4580.0	504579.4	5410083.8	1188.09998	249.57	49.82	48.843709	-86.937586	55752.06	56385.4	-135.43	55616.63	55749.54688	55685.80486	55761.70703	504579.4	5410083.8
L4580.0	504579.4	5410083.8	1188.19995	250.98	49.82	48.843709	-86.937586	55755.71	56385.4	-135.41	55620.30	55751.55078	55688.17423	55763.29688	504579.4	5410083.8
L4580.0	504579.4	5410082.5	1188.30005	251.71	53.03	48.843698	-86.937586	55759.19	56385.4	-135.39	55623.80	55753.39453	55690.58690	55764.94141	504579.4	5410082.5
L4580.0	504579.4	5410082.5	1188.40002	250.86	52.55	48.843698	-86.937586	55762.83	56385.4	-135.37	55627.45	55755.39844	55693.02125	55766.60938	504579.4	5410082.5
L4580.0	504579.4	5410081.8	1188.50000	250.77	52.55	48.843691	-86.937585	55766.29	56385.4	-135.36	55630.93	55757.23828	55695.49830	55768.32813	504579.4	5410081.8
L4580.0	504579.4	5410081.1	1188.59998	249.09	52.99	48.843685	-86.937585	55770.29	56385.3	-135.34	55634.96	55759.64453	55697.96967	55770.05078	504579.4	5410081.1
L4580.0	504579.4	5410081.1	1188.69995	248.61	52.99	48.843685	-86.937585	55774.23	56385.3	-135.32	55638.92	55761.99219	55700.47631	55771.81250	504579.4	5410081.1
L4580.0	504579.5	5410080.5	1188.80005	250.52	53.22	48.843679	-86.937585	55778.50	56385.3	-135.30	55643.21	55764.67578	55702.99111	55773.58984	504579.5	5410080.5
L4580.0	504579.5	5410080.1	1188.90002	250.96	53.22	48.843676	-86.937585	55782.18	56385.3	-135.28	55646.90	55766.77344	55705.57561	55775.44531	504579.5	5410080.1
L4580.0	504579.5	5410079.4	1189.00000	249.94	53.46	48.843670	-86.937585	55786.38	56385.3	-135.26	55651.11	55769.40234	55708.15465	55777.30078	504579.5	5410079.4
L4580.0	504579.5	5410078.8	1189.09998	251.32	50.84	48.843664	-86.937585	55790.88	56385.2	-135.24	55655.64	55772.35938	55710.74102	55779.17188	504579.5	5410078.8
L4580.0	504579.5	5410078.8	1189.19995	250.85	50.97	48.843664	-86.937585	55794.77	56385.2	-135.22	55659.55	55774.71094	55713.39683	55781.12109	504579.5	5410078.8
L4580.0	504579.5	5410078.0	1189.30005	248.39	50.97	48.843657	-86.937584	55799.20	56385.2	-135.20	55664.00	55777.61328	55716.04414	55783.06641	504579.5	5410078.0
L4580.0	504579.5	5410076.9	1189.40002	247.99	52.31	48.843647	-86.937584	55803.66	56385.2	-135.18	55668.48	55780.55469	55718.71632	55785.04297	504579.5	5410076.9
L4580.0	504579.5	5410076.9	1189.50000	248.83	52.71	48.843647	-86.937584	55808.00	56385.2	-135.17	55672.83	55783.37891	55721.42338	55787.06250	504579.5	5410076.9
L4580.0	504579.5	5410076.1	1189.59998	248.52	52.91	48.843640	-86.937584	55812.71	56385.1	-135.15	55677.57	55786.60547	55724.12997	55789.08594	504579.5	5410076.1
L4580.0	504579.6	5410075.5	1189.69995	247.78	52.91	48.843634	-86.937584	55817.23	56385.1	-135.13	55682.11	55789.64063	55726.87469	55791.15625	504579.6	5410075.5
L4580.0	504579.6	5410074.6	1189.80005	248.05	53.45	48.843626	-86.937584	55822.14	56385.1	-135.11	55687.04	55793.08203	55729.61748	55793.23438	504579.6	5410074.6
L4580.0	504579.6	5410074.6	1189.90002	249.52	52.4	48.843626	-86.937584	55826.95	56385.1	-135.09	55691.86	55796.42188	55732.39090	55795.34375	504579.6	5410074.6
L4580.0	504579.6	5410073.8	1190.00000	249.02	52.4	48.843619	-86.937583	55831.96	56385.1	-135.07	55696.89	55799.98047	55735.17282	55797.47266	504579.6	5410073.8
L4580.0	504579.6	5410072.9	1190.09998	248.19	50.58	48.843611	-86.937583	55837.65	56385.1	-135.06	55702.59	55804.22656	55737.93174	55799.58203	504579.6	5410072.9
L4580.0	504579.6	5410072.3	1190.19995	248.72	53.45	48.843605	-86.937583	55841.88	56385	-135.05	55706.83	55807.01953	55740.80884	55801.81641	504579.6	5410072.3
L4580.0	504579.6	5410071.4	1190.30005	248.68	53.65	48.843598	-86.937583	55847.04	56385	-135.04	55712.00	55810.75781	55743.64391	55804.01563	504579.6	5410071.4
L4580.0	504579.6	5410070.6	1190.40002	248.91	53.66	48.843591	-86.937583	55851.99	56385	-135.03	55716.96	55814.29297	55746.51207	55806.25391	504579.6	5410070.6
L4580.0	504579.6	5410070.6	1190.50000	246.93	53.66	48.843591	-86.937583	55857.56	56385	-135.01	55722.54	55818.46094	55749.35708	55808.47266	504579.6	5410070.6
L4580.0	504579.6	5410069.9	1190.59998	247.63	53.6	48.843584	-86.937583	55862.96	56385	-135.00	55727.96	55822.48438	55752.23003	55810.72656	504579.6	5410069.9
L4580.0	504579.6	5410068.8	1190.69995	247.69	53.6	48.843574	-86.937583	55868.31	56385	-134.99	55733.32	55826.45703	55755.12332	55813.00781	504579.6	5410068.8
L4580.0	504579.7	5410067.9	1190.80005	249.35	46.94	48.843567	-86.937582	55873.49	56385	-134.98	55738.51	55830.26953	55758.04333	55815.32031	504579.7	5410067.9
L4580.0	504579.7	5410067.9	1190.90002	248.50	45.45	48.843567	-86.937582	55878.75	56385	-134.97	55743.78	55834.17578	55760.97243	55817.64453	504579.7	5410067.9
L4580.0	504579.7	5410067.1	1191.00000	248.28	44.67	48.843559	-86.937582	55884.47	56385	-134.96	55749.51	55838.55469	55763.88430	55819.96094	504579.7	5410067.1
L4580.0	504579.7	5410066.3	1191.09998	248.69	44.67	48.843552	-86.937582	55889.91	56384.9	-134.94	55754.97	55842.67188	55766.82665	55822.31250	504579.7	5410066.3
L4580.0	504579.7	5410065.3	1191.19995	249.83	45.25	48.843543	-86.937582	55895.42	56384.9	-134.92	55760.50	55846.87109	55769.77579	55824.67188	504579.7	5410065.3
L4580.0	504579.6	5410064.7	1191.30005	249.25	42.23	48.843537	-86.937583	55899.62	56384.9	-134.90	55764.72	55849.77344	55772.82274	55827.14063	504579.6	5410064.7
L4580.0	504579.7	5410063.9	1191.40002	250.93	43.79	48.843531	-86.937582	55905.67	56384.9	-134.88	55770.78	55854.52734	55775.75649	55829.49609	504579.7	5410063.9
L4580.0	504579.6	5410063.0	1191.50000	251.68	43.79	48.843522	-86.937583	55911.06	56384.9	-134.86	55776.19	55858.64063	55778.74202	55831.90625	504579.6	5410063.0
L4580.0	504579.6	5410062.2	1191.59998	253.40	44.18	48.843515	-86.937583	55917.02	56384.8	-134.85	55782.18	55863.34766	55781.69631	55834.29297	504579.6	5410062.2
L4580.0	504579.6	5410062.2	1191.69995	255.00	42.73	48.843515	-86.937583	55922.71	56384.8	-134.83	55787.89	55867.78516	55784.67568	55836.71094	504579.6	5410062.2
L4580.0	504579.6	5410060.9	1191.80005	253.60	42.73	48.843504	-86.937583	55927.77	56384.8	-134.81	55792.97	55871.60547	55787.70246	55839.17578	504579.6	5410060.9
L4580.0	504579.6	5410060.0	1191.90002	253.82	49.59	48.843495	-86.937583	55933.36	56384.8	-134.79	55798.57	55875.95313	55790.69894	55841.61719	504579.6	5410060.0
L4580.0	504579.6	5410059.3	1192.00000	252.17	49.59	48.843488	-86.937583	55939.08	56384.8	-134.77	55804.31	55880.45313	55793.68944	55844.05469	504579.6	5410059.3

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4580.0	504579.6	5410059.3	1192.09998	251.40	44.87	48.843488	-86.937583	55944.44	56384.7	-134.75	55809.69	55884.60547	55796.70629	55846.52344	504579.6	5410059.3
L4580.0	504579.6	5410058.3	1192.19995	250.94	45.69	48.843480	-86.937583	55950.01	56384.7	-134.73	55815.28	55888.98047	55799.71048	55848.98047	504579.6	5410058.3
L4580.0	504579.6	5410057.4	1192.30005	247.82	45.69	48.843472	-86.937583	55954.74	56384.7	-134.70	55820.03	55892.52344	55802.77099	55851.50000	504579.6	5410057.4
L4580.0	504579.6	5410056.3	1192.40002	247.31	54.16	48.843461	-86.937583	55960.50	56384.7	-134.68	55825.82	55897.11719	55805.76150	55853.94922	504579.6	5410056.3
L4580.0	504579.6	5410056.3	1192.50000	245.91	55.06	48.843461	-86.937583	55965.89	56384.7	-134.66	55831.23	55901.34375	55808.77569	55856.42969	504579.6	5410056.3
L4580.0	504579.6	5410055.4	1192.59998	244.38	49.16	48.843454	-86.937583	55971.08	56384.6	-134.64	55836.44	55905.38281	55811.80056	55858.91797	504579.6	5410055.4
L4580.0	504579.6	5410054.4	1192.69995	244.69	49.16	48.843445	-86.937583	55977.20	56384.6	-134.62	55842.58	55910.35938	55814.75983	55861.34766	504579.6	5410054.4
L4580.0	504579.6	5410053.5	1192.80005	245.69	47.74	48.843437	-86.937583	55982.51	56384.6	-134.59	55847.92	55914.54688	55817.76785	55863.82813	504579.6	5410053.5
L4580.0	504579.6	5410052.6	1192.90002	247.28	47.74	48.843428	-86.937583	55988.23	56384.6	-134.57	55853.65	55919.13672	55820.74434	55866.27734	504579.6	5410052.6
L4580.0	504579.6	5410051.7	1193.00000	246.76	53.84	48.843420	-86.937583	55993.46	56384.6	-134.55	55858.91	55923.26563	55823.74572	55868.75391	504579.6	5410051.7
L4580.0	504579.6	5410050.9	1193.09998	247.66	53.84	48.843413	-86.937584	55998.78	56384.5	-134.54	55864.24	55927.47656	55826.73504	55871.22266	504579.6	5410050.9
L4580.0	504579.6	5410050.0	1193.19995	247.91	41.19	48.843405	-86.937584	56003.46	56384.5	-134.52	55868.94	55931.07031	55829.75808	55873.72656	504579.6	5410050.0
L4580.0	504579.6	5410048.8	1193.30005	247.91	41.19	48.843395	-86.937584	56008.96	56384.5	-134.51	55874.46	55935.49219	55832.71728	55876.16797	504579.6	5410048.8
L4580.0	504579.6	5410048.8	1193.40002	247.35	43.4	48.843395	-86.937584	56014.54	56384.5	-134.49	55880.04	55939.98438	55835.66243	55878.59375	504579.6	5410048.8
L4580.0	504579.6	5410047.6	1193.50000	248.83	44.75	48.843384	-86.937584	56019.80	56384.5	-134.48	55885.33	55944.19531	55838.61601	55881.03125	504579.6	5410047.6
L4580.0	504579.6	5410046.2	1193.59998	248.92	55.92	48.843371	-86.937583	56024.81	56384.5	-134.46	55890.35	55948.14844	55841.57585	55883.47656	504579.6	5410046.2
L4580.0	504579.6	5410046.2	1193.69995	249.49	55.92	48.843371	-86.937583	56029.46	56384.4	-134.44	55895.01	55951.75391	55844.54714	55885.93359	504579.6	5410046.2
L4580.0	504579.6	5410044.9	1193.80005	248.72	55.92	48.843360	-86.937583	56034.34	56384.4	-134.43	55899.91	55955.60547	55847.48908	55888.36328	504579.6	5410044.9
L4580.0	504579.6	5410043.9	1193.90002	248.39	55.92	48.843350	-86.937583	56039.63	56384.4	-134.42	55905.22	55959.87891	55850.38955	55890.75391	504579.6	5410043.9
L4580.0	504579.6	5410043.9	1194.00000	248.98	56.55	48.843350	-86.937583	56044.58	56384.4	-134.40	55910.18	55963.81250	55853.29848	55893.15234	504579.6	5410043.9
L4580.0	504579.6	5410042.4	1194.09998	249.87	56.55	48.843337	-86.937584	56048.96	56384.4	-134.38	55914.58	55967.19922	55856.22912	55895.57031	504579.6	5410042.4
L4580.0	504579.6	5410040.3	1194.19995	249.69	56.44	48.843318	-86.937584	56054.02	56384.4	-134.36	55919.66	55971.27344	55859.09809	55897.92969	504579.6	5410040.3
L4580.0	504579.6	5410040.3	1194.30005	248.09	56.44	48.843318	-86.937584	56058.40	56384.3	-134.34	55924.06	55974.67969	55861.99539	55900.31641	504579.6	5410040.3
L4580.0	504579.6	5410039.2	1194.40002	246.79	56.82	48.843308	-86.937584	56062.75	56384.3	-134.32	55928.43	55978.06250	55864.87700	55902.68750	504579.6	5410039.2
L4580.0	504579.6	5410039.2	1194.50000	247.58	45.72	48.843308	-86.937584	56067.66	56384.3	-134.29	55933.36	55982.01563	55867.70295	55905.00391	504579.6	5410039.2
L4580.0	504579.5	5410038.1	1194.59998	247.51	46.13	48.843298	-86.937584	56072.39	56384.3	-134.27	55938.11	55985.80078	55870.52194	55907.31250	504579.5	5410038.1
L4580.0	504579.5	5410037.1	1194.69995	245.94	46.13	48.843289	-86.937585	56076.51	56384.3	-134.25	55942.25	55988.98828	55873.36206	55909.64453	504579.5	5410037.1
L4580.0	504579.5	5410036.0	1194.80005	244.52	53.6	48.843279	-86.937585	56081.16	56384.2	-134.23	55946.93	55992.72266	55876.14606	55911.91797	504579.5	5410036.0
L4580.0	504579.5	5410034.9	1194.90002	242.72	57.15	48.843269	-86.937585	56085.49	56384.2	-134.21	55951.28	55996.13672	55878.93138	55914.19141	504579.5	5410034.9
L4580.0	504579.5	5410034.9	1195.00000	245.40	46.83	48.843269	-86.937585	56089.76	56384.2	-134.19	55955.57	55999.50000	55881.69950	55916.44922	504579.5	5410034.9
L4580.0	504579.4	5410033.6	1195.09998	242.49	46.83	48.843257	-86.937586	56093.66	56384.2	-134.18	55959.48	56002.49609	55884.47125	55918.70703	504579.4	5410033.6
L4580.0	504579.4	5410032.3	1195.19995	241.83	46.83	48.843246	-86.937586	56097.61	56384.2	-134.16	55963.45	56005.55859	55887.21681	55920.94141	504579.4	5410032.3
L4580.0	504579.4	5410032.3	1195.30005	244.14	47.97	48.843246	-86.937586	56101.86	56384.1	-134.15	55967.71	56008.92578	55889.92040	55923.13281	504579.4	5410032.3
L4580.0	504579.4	5410031.0	1195.40002	246.65	47.97	48.843234	-86.937586	56105.99	56384.1	-134.13	55971.86	56012.18750	55892.60824	55925.30859	504579.4	5410031.0
L4580.0	504579.4	5410030.1	1195.50000	247.01	57.87	48.843226	-86.937586	56110.46	56384.1	-134.11	55976.34	56015.79297	55895.25059	55927.43359	504579.4	5410030.1
L4580.0	504579.4	5410029.1	1195.59998	246.08	48.76	48.843217	-86.937586	56114.35	56384.1	-134.10	55980.25	56018.83594	55897.90706	55929.57422	504579.4	5410029.1
L4580.0	504579.4	5410027.9	1195.69995	247.89	48.76	48.843207	-86.937587	56117.84	56384.1	-134.08	55983.75	56021.48047	55900.56663	55931.71875	504579.4	5410027.9
L4580.0	504579.4	5410026.8	1195.80005	246.96	46.49	48.843196	-86.937587	56121.73	56384.1	-134.07	55987.66	56024.54688	55903.17427	55933.81250	504579.4	5410026.8
L4580.0	504579.3	5410025.7	1195.90002	246.55	58.26	48.843186	-86.937587	56125.45	56384.1	-134.06	55991.39	56027.43750	55905.76900	55935.88672	504579.3	5410025.7
L4580.0	504579.3	5410024.7	1196.00000	245.71	58.26	48.843178	-86.937587	56129.13	56384	-134.04	55995.08	56030.30078	55908.34120	55937.94141	504579.3	5410024.7
L4580.0	504579.3	5410023.8	1196.09998	245.45	45.63	48.843169	-86.937588	56132.78	56384	-134.03	55998.76	56033.16797	55910.88858	55939.96875	504579.3	5410023.8
L4580.0	504579.3	5410023.8	1196.19995	245.91	47.93	48.843169	-86.937588	56136.21	56384	-134.01	56002.20	56035.80078	55913.42622	55941.98438	504579.3	5410023.8
L4580.0	504579.3	5410022.3	1196.30005	246.77	47.93	48.843156	-86.937588	56139.06	56384	-134.00	56005.06	56037.86328	55915.97657	55944.01563	504579.3	5410022.3
L4580.0	504579.2	5410021.1	1196.40002	247.05	53.83	48.843145	-86.937589	56142.91	56384	-133.98	56008.92	56040.93750	55918.43406	55945.94922	504579.2	5410021.1
L4580.0	504579.2	5410021.1	1196.50000	247.81	45.6	48.843145	-86.937589	56146.45	56384	-133.97	56012.48	56043.72266	55920.88518	55947.87891	504579.2	5410021.1
L4580.0	504579.2	5410019.9	1196.59998	248.17	45.6	48.843134	-86.937589	56149.59	56384	-133.96	56015.63	56046.10547	55923.33710	55949.80469	504579.2	5410019.9
L4580.0	504579.2	5410018.1	1196.69995	246.31	46.46	48.843118	-86.937590	56152.76	56383.9	-133.94	56018.82	56048.53906	55925.75966	55951.70313	504579.2	5410018.1
L4580.0	504579.2	5410018.1	1196.80005	246.46	58.55	48.843118	-86.937590	56155.51	56383.9	-133.93	56021.58	56050.55469	55928.18406	55953.60156	504579.2	5410018.1
L4580.0	504579.1	5410016.8	1196.90002	248.19	58.55	48.843106	-86.937590	56158.54	56383.9	-133.91	56024.62	56052.85938	55930.56286	55955.45313	504579.1	5410016.8
L4580.0	504579.1	5410016.2	1197.00000	248.61	58.55	48.843101	-86.937590	56161.38	56383.9	-133.90	56027.48	56054.99219	55932.92664	55957.28906	504579.1	5410016.2
L4580.0	504579.1	5410014.8	1197.09998	247.03	58.55	48.843089	-86.937591	56164.56	56383.9	-133.88	56030.68	56057.47656	55935.24065	55959.07422	504579.1	5410014.8
L4580.0	504579.1	5410013.6	1197.19995	245.78	51.04	48.843078	-86.937591	56167.86	56383.9	-133.86	56034.00	56060.08984	55937.51951	55960.82422	504579.1	5410013.6
L4580.0	504579.0	5410012.2	1197.30005	248.69	47.61	48.843065	-86.937591	56170.90	56383.8	-133.83	56037.07	56062.46484	55939.78785	55962.56250	504579.0	5410012.2
L4580.0	504579.0	5410012.2	1197.40002	248.44	47.61	48.843065	-86.937591	56173.33	56383.8	-133.81	56039.52	56064.23047	55942.07031	55964.31641	504579.0	5410012.2
L4580.0	504579.0	5410011.0	1197.50000	249.49	48.02	48.843055	-86.937592	56176.04	56383.8	-133.79	56042.25	56066.28516	55944.30690	55966.01953	504579.0	5410011.0
L4580.0	504579.0	5410009.7	1197.59998	247.59	48.02	48.843043	-86.937592	56178.56	56383.8	-133.77	56044.79	56068.16406	55946.52896	55967.71094	504579.0	5410009.7
L4580.0	504579.0	5410009.7	1197.69995	248.29	48.52	48.843043	-86.937592	56181.32	56383.7	-133.75	56047.58	56070.29688	55948.70719	55969.35938	504579.0	5410009.7
L4580.0	504579.0	5410008.4	1197.80005	249.89	47	48.843031	-86.937592	56183.51	56383.7	-133.72	56049.78	56071.85547	55950.89763	55971.01563	504579.0	5410008.4
L4580.0	504578.9	5410005.7	1197.90002	248.89	47	48.843007	-86.937593	56186.46	56383.7	-133.70	56052.76	56074.20313	55953.00901	55972.59766	504578.9	5410005.7
L4580.0	504578.9	5410005.7	1198.00000	248.55	58.33	48.843007	-86.937593	56188.74	56383.7	-133.68	56055.06	56075.87891	55955.13875	55974.19531	504578.9	5410005.7
L4580.0	504578.9	5410004.7	1198.09998	247.64	58.33	48.842997	-86.937593	56190.91	56383.7	-133.67	56057.24	56077.44922	55957.24960	55975.77344	504578.9	5410004.7
L4580.0	504578.9	5410004.7	1198.19995	247.97	58.37	48.842997	-86.937593	56193.73	56383.7	-133.66	56060.07	56079.67578	55959.29033	55977.28125	504578.9	5410004.7
L4580.0	504578.9	5410003.3	1198.30005	246.83	44.49	48.842985	-86.937594	56195.64	56383.7	-133.65	56061.99	56081.00781	55961.36506	55978.82422	504578.9	5410003.3
L4580.0	504578.9	5410001.8	1198.40002	246.16	44.49	48.842972	-86.937594	56197.77	56383.6	-133.64	56064.13	56082.56641	55963.39859	55980.32813	504578.9	5410001.8
L4580.0	504578.8	5410000.5	1198.50000	247.93	44.49	48.842960	-86.937594	56199.87	56383.6	-133.63	56066.24	56084.10547	55965.40772	55981.80469	504578.8	5410000.5
L4580.0	504578.8	5410000.5	1198.59998	247.42	57.15	48.842960	-86.937594	56201.94	56383.6	-133.62	56068.32	56085.62891	55967.39261	55983.26172	504578.8	5410000.5
L4580.0	504578.8	5409999.1	1198.69995	248.73	57.15	48.842947	-86.937595	56204.20	56383.6	-133.61	56070.59	56087.35156	55969.33875	55984.67969	504578.8	5409999.1
L4580.0	504578.8	5409998.1	1198.80005	247.43	51.93	48.842938	-86.937595	56205.79	56383.6	-133.60	56072.19	56088.41406	55971.30365	55986.11328	504578.8	5409998.1
L4580.0	504578.8	5409996.6	1198.90002	246.81	52.93	48.842925	-86.937595	56207.93	56383.6	-133.59	56074.34	56090.03516	55973.20617	55987.48828	504578.8	5409996.6
L4580.0	504578.8	5409996.6	1199.00000	245.42	52.93	48.842925	-86.937595	56209.59	56383.6	-133.58	56076.01	56091.19141	55975.11516	55988.87109	504578.8	5409996.6
L4580.0	504578.7	5409994.7	1199.09998	245.81	50.59	48.842907	-86.937596	56211.98	56383.6	-133.57	56078.42	56093.09375	55976.94949	55990.17969	504578.7	5409994.7
L4580.0	504578.7	5409993.4	1199.19995	246.13	52.35	48.842896	-86.937596	56214.01	56383.6	-133.55	56080.46	56094.64063	55978.78336	55991.48828	504578.7	5409993.4
L4580.0	504578.7	5409992.1	1199.30005	245.25	52.35	48.842885	-86.937597	56215.26	56383.5	-133.54	56081.73	56095.42578	55980.64365	55992.82813	504578.7	5409992.1
L4580.0	504578.7	5409992.1	1199.40002	245.13	52.57	48.842885	-86.937597	56216.70	56383.5	-133.52	56083.18	56096.40234	55982.46726	55994.12891	504578.7	5409992.1
L4580.0	504578.7	5409990.6	1199.50000	245.36	52.57	48.842871	-86.937597	56218.53	56383.5	-133.50	56085.03	56097.78906	55984.23974	55995.38281	504578.7	5409990.6
L4580.0	504578.6	5409989.4	1199.59998	246.05	56.81	48.842860	-86.937597	56220.72	56383.5	-133.49	56087.23	56099.53906	55985.96464	55996.58984	504578.6	5409989.4
L4580.0	504578.6	5409989.4	1199.69995	246.72	57.3	48.842860	-86.937597	56221.82	56383.5	-133.47	56088.35	56100.21875	55987.73755	55997.84766	504578.6	5409989.4
L4580.0	504578.6	5409988.1	1199.80005	245.80	57.3	48.842848	-86.937597	56223.47	56383.5	-133.46	56090.01	56101.44922	55989.45068	55999.04688	504578.6	5409988.1
L4580.0	504578.6	5409986.8	1199.90002	247.26	54.54	48.842837	-86.937597	56225.49	56383.4	-133.44	56092.05	56103.07031	55991.11495	56000.20313	504578.6	5409986.8
L4580.0	504578.6	5409985.3	1200.00000	248.10	45.5	48.842823	-86.937598	56226.84	56383.4	-133.43	56093.41	56104.01953	55992.80126	56001.37891	504578.6	5409985.3
L4580.0	504578.6	5409984.3	1200.09998	246.40	46.23	48.842814	-86.937598	56228.68	56383.4	-133.41	56095.27	56105.48047	55994.43119	56002.50391	504578.6	5409984.3
L4580.0	504578.6	5409983.0	1200.19995	246.47	46.23	48.842802	-86.937598	56229.39	56383.4	-133.39	56096.01	56105.83203	55996.11296	56003.67969	504578.6	5409983.0
L4580.0	504578.6	5409983.0	1200.30005	246.95	53.99	48.842802	-86.937598	56230.34	56383.4	-133.36	56096.98	56106.42578	55997.75683	56004.82422	504578.6	5409983.0
L4580.0	504578.6	5409981.7	1200.40002	247.42	56.43	48.842790	-86.937598	56232.28	56383.3	-133.34	56098.94	56108.01953	55999.31236	56005.88281	504578.6	5409981.7
L4580.0	504578.5	5409980.2	1200.50000	248.99	56.43	48.842777	-86.937599	56233.54	56383.3	-133.32	56100.22	56108.94531	56000.89112	56006.96484	504578.5	5409980.2
L4580.0	504578.5	5409978.9	1200.59998	248.07	52.97	48.842765	-86.937599	56234.98	56383.3	-133.30	56101.68	56110.05859	56002.43600	56008.01953	504578.5	5409978.9
L4580.0	504578.5	5409978.9	1200.69995	248.71	52.86	48.842765	-86.937599	56236.70	56383.3	-133.28	56103.42	56111.46094	56003.94058	56009.03516	504578.5	5409978.9
L4580.0	504578.5	5409977.3	1200.80005	248.51	52.86	48.842752	-86.937599	56238.12	56383.3	-133.25	56104.87	56112.58594	56005.44307	56010.05469	504578.5	5409977.3
L4580.0	504578.5	5409976.1	1200.90002	249.53	51.05	48.842740	-86.937599	56239.38	56383.2	-133.23	56106.15	56113.55078	56006.93570	56011.06641	504578.5	5409976.1
L4580.0	504578.5	5409974.6	1201.00000	249.01	50.05	48.842727	-86.937599	56240.75	56383.2	-133.21	56107.54	56114.63672	56008.40003	56012.05469	504578.5	5409974.6
L4580.0	504578.5	5409974.6	1201.09998	247.05	50.05	48.842727	-86.937599	56241.88	56383.2	-133.20	56108.68	56115.48047	56009.86024	56013.03906	504578.5	5409974.6
L4580.0	504578.5	5409972.4	1201.19995	246.21	46.34	48.842707	-86.937599	56242.97	56383.2	-133.18	56109.79	56116.30859	56011.30190	56014.01172	504578.5	5409972.4
L4580.0	504578.5	5409972.4	1201.30005	246.00	47.13	48.842707	-86.937599	56244.17	56383.2	-133.17	56111.00	56117.24219	56012.71653	56014.96484	504578.5	5409972.4

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4580.0	504578.5	5409971.1	1201.40002	246.47	49.46	48.842695	-86.937599	56245.81	56383.2	-133.16	56112.65	56118.62891	56014.08166	56015.86719	504578.5	5409971.1
L4580.0	504578.5	5409969.6	1201.50000	246.58	49.46	48.842682	-86.937599	56247.19	56383.1	-133.15	56114.04	56119.76172	56015.44413	56016.77344	504578.5	5409969.6
L4580.0	504578.5	5409969.6	1201.59998	245.82	49.52	48.842682	-86.937599	56248.66	56383.1	-133.13	56115.53	56121.00781	56016.78014	56017.65625	504578.5	5409969.6
L4580.0	504578.5	5409968.1	1201.69995	246.00	48.43	48.842668	-86.937600	56249.61	56383.1	-133.12	56116.49	56121.73047	56018.13185	56018.56250	504578.5	5409968.1
L4580.0	504578.5	5409966.9	1201.80005	246.43	48.43	48.842658	-86.937600	56250.40	56383.1	-133.11	56117.30	56122.31250	56019.47408	56019.46094	504578.5	5409966.9
L4580.0	504578.5	5409965.6	1201.90002	246.84	49.03	48.842646	-86.937600	56251.12	56383.1	-133.09	56118.02	56122.81641	56020.80300	56020.35547	504578.5	5409965.6
L4580.0	504578.5	5409964.6	1202.00000	247.02	50.61	48.842637	-86.937600	56252.87	56383.1	-133.08	56119.79	56124.37891	56022.04275	56021.16016	504578.5	5409964.6
L4580.0	504578.5	5409963.5	1202.09998	247.83	52.28	48.842627	-86.937600	56254.18	56383.1	-133.07	56121.11	56125.49609	56023.29347	56021.98438	504578.5	5409963.5
L4580.0	504578.5	5409962.2	1202.19995	245.51	52.28	48.842615	-86.937600	56255.02	56383.1	-133.05	56121.97	56126.16797	56024.55596	56022.82422	504578.5	5409962.2
L4580.0	504578.5	5409962.2	1202.30005	245.08	52.27	48.842615	-86.937600	56256.53	56383	-133.04	56123.49	56127.50391	56025.75566	56023.60547	504578.5	5409962.2
L4580.0	504578.5	5409960.4	1202.40002	246.78	45.25	48.842600	-86.937600	56257.26	56383	-133.02	56124.24	56128.08203	56026.98802	56024.42578	504578.5	5409960.4
L4580.0	504578.5	5409959.2	1202.50000	245.50	42.82	48.842588	-86.937600	56258.56	56383	-133.01	56125.55	56129.22656	56028.16447	56025.19922	504578.5	5409959.2
L4580.0	504578.5	5409958.3	1202.59998	247.29	42.82	48.842580	-86.937600	56259.83	56383	-133.00	56126.83	56130.35156	56029.32445	56025.95703	504578.5	5409958.3
L4580.0	504578.5	5409958.3	1202.69995	247.38	47.57	48.842580	-86.937600	56260.96	56383	-132.98	56127.97	56131.33984	56030.47536	56026.71094	504578.5	5409958.3
L4580.0	504578.5	5409955.7	1202.80005	248.55	47.57	48.842557	-86.937600	56261.86	56383	-132.97	56128.89	56132.12109	56031.62261	56027.46875	504578.5	5409955.7
L4580.0	504578.5	5409955.7	1202.90002	249.26	47.37	48.842557	-86.937600	56262.90	56383	-132.95	56129.95	56133.04688	56032.74227	56028.20703	504578.5	5409955.7
L4580.0	504578.5	5409954.2	1203.00000	246.54	47.37	48.842543	-86.937600	56263.57	56382.9	-132.94	56130.63	56133.60156	56033.86904	56028.95313	504578.5	5409954.2
L4580.0	504578.5	5409953.5	1203.09998	247.08	50.6	48.842537	-86.937600	56264.91	56382.9	-132.92	56131.99	56134.84766	56034.93232	56029.64453	504578.5	5409953.5
L4580.0	504578.5	5409952.2	1203.19995	247.98	46.43	48.842525	-86.937600	56266.51	56382.9	-132.91	56133.60	56136.34375	56035.96081	56030.30859	504578.5	5409952.2
L4580.0	504578.5	5409951.0	1203.30005	247.98	46.43	48.842515	-86.937600	56267.04	56382.9	-132.89	56134.14	56136.78125	56037.04252	56031.02734	504578.5	5409951.0
L4580.0	504578.5	5409949.3	1203.40002	248.30	46.44	48.842500	-86.937600	56267.91	56382.9	-132.88	56135.03	56137.57813	56038.08281	56031.71484	504578.5	5409949.3
L4580.0	504578.5	5409948.0	1203.50000	246.92	46.44	48.842487	-86.937600	56269.36	56382.9	-132.86	56136.50	56138.95703	56039.06636	56032.34766	504578.5	5409948.0
L4580.0	504578.5	5409948.0	1203.59998	247.37	49.03	48.842487	-86.937600	56270.97	56382.8	-132.84	56138.13	56140.50391	56040.02116	56032.96094	504578.5	5409948.0
L4580.0	504578.5	5409946.2	1203.69995	245.83	49.85	48.842471	-86.937600	56272.09	56382.8	-132.83	56139.26	56141.55859	56040.99122	56033.59766	504578.5	5409946.2
L4580.0	504578.5	5409944.9	1203.80005	244.36	49.85	48.842459	-86.937600	56273.08	56382.8	-132.81	56140.27	56142.49609	56041.95118	56034.22656	504578.5	5409944.9
L4580.0	504578.5	5409944.9	1203.90002	245.31	41.53	48.842459	-86.937600	56274.34	56382.8	-132.80	56141.54	56143.70313	56042.87569	56034.82813	504578.5	5409944.9
L4580.0	504578.5	5409943.8	1204.00000	245.09	42.06	48.842450	-86.937599	56275.14	56382.8	-132.78	56142.36	56144.46484	56043.81206	56035.44531	504578.5	5409943.8
L4580.0	504578.5	5409942.1	1204.09998	245.10	42.06	48.842434	-86.937599	56275.51	56382.8	-132.77	56142.74	56144.79297	56044.75958	56036.08203	504578.5	5409942.1
L4580.0	504578.5	5409940.5	1204.19995	246.07	44.3	48.842420	-86.937599	56276.69	56382.8	-132.75	56143.94	56145.94531	56045.63422	56036.65234	504578.5	5409940.5
L4580.0	504578.5	5409940.5	1204.30005	245.82	44.3	48.842420	-86.937599	56277.84	56382.7	-132.74	56145.10	56147.06250	56046.49327	56037.21484	504578.5	5409940.5
L4580.0	504578.5	5409939.3	1204.40002	245.22	37.75	48.842410	-86.937599	56278.40	56382.7	-132.72	56145.67	56147.59766	56047.37334	56037.80078	504578.5	5409939.3
L4580.0	504578.5	5409938.2	1204.50000	245.36	46.14	48.842400	-86.937599	56279.36	56382.7	-132.71	56146.65	56148.54297	56048.20772	56038.35156	504578.5	5409938.2
L4580.0	504578.5	5409936.9	1204.59998	244.49	46.14	48.842388	-86.937599	56280.36	56382.7	-132.70	56147.66	56149.52734	56049.02168	56038.88672	504578.5	5409936.9
L4580.0	504578.5	5409935.5	1204.69995	243.67	48.3	48.842375	-86.937599	56281.23	56382.7	-132.68	56148.55	56150.39453	56049.82516	56039.41797	504578.5	5409935.5
L4580.0	504578.5	5409933.9	1204.80005	244.91	48.3	48.842361	-86.937599	56282.47	56382.7	-132.67	56149.80	56151.62500	56050.58610	56039.91016	504578.5	5409933.9
L4580.0	504578.5	5409932.6	1204.90002	245.40	47.99	48.842349	-86.937599	56283.23	56382.7	-132.65	56150.57	56152.37891	56051.36044	56040.42578	504578.5	5409932.6
L4580.0	504578.5	5409932.6	1205.00000	245.55	47.99	48.842349	-86.937599	56283.32	56382.6	-132.64	56150.68	56152.48047	56052.16010	56040.97266	504578.5	5409932.6
L4580.0	504578.5	5409931.1	1205.09998	245.40	43.32	48.842335	-86.937600	56284.26	56382.6	-132.63	56151.63	56153.42188	56052.88501	56041.44922	504578.5	5409931.1
L4580.0	504578.5	5409930.1	1205.19995	243.77	42.72	48.842326	-86.937600	56285.26	56382.6	-132.61	56152.65	56154.43750	56053.58645	56041.91016	504578.5	5409930.1
L4580.0	504578.5	5409929.0	1205.30005	244.76	42.72	48.842316	-86.937600	56286.36	56382.6	-132.60	56153.76	56155.54688	56054.26301	56042.35156	504578.5	5409929.0
L4580.0	504578.5	5409927.7	1205.40002	246.40	44.19	48.842305	-86.937600	56287.61	56382.6	-132.58	56155.03	56156.82031	56054.90995	56042.77344	504578.5	5409927.7
L4580.0	504578.5	5409927.7	1205.50000	244.55	46.47	48.842305	-86.937600	56287.75	56382.6	-132.57	56155.18	56156.97656	56055.61254	56043.25391	504578.5	5409927.7
L4580.0	504578.5	5409926.1	1205.59998	243.97	46.05	48.842291	-86.937600	56288.25	56382.6	-132.56	56155.69	56157.49609	56056.27204	56043.69531	504578.5	5409926.1
L4580.0	504578.5	5409925.0	1205.69995	243.96	46.05	48.842281	-86.937600	56288.73	56382.5	-132.54	56156.19	56158.00781	56056.91305	56044.12891	504578.5	5409925.0
L4580.0	504578.4	5409923.5	1205.80005	246.38	41.74	48.842267	-86.937601	56289.38	56382.5	-132.53	56156.85	56158.67969	56057.52417	56044.53516	504578.4	5409923.5
L4580.0	504578.4	5409922.0	1205.90002	248.58	41.74	48.842253	-86.937601	56290.48	56382.5	-132.51	56157.97	56159.81641	56058.08536	56044.89844	504578.4	5409922.0
L4580.0	504578.4	5409922.0	1206.00000	248.23	48.64	48.842253	-86.937601	56290.68	56382.5	-132.50	56158.18	56160.04297	56058.68787	56045.31250	504578.4	5409922.0
L4580.0	504578.4	5409920.4	1206.09998	247.11	49.07	48.842239	-86.937601	56291.06	56382.5	-132.48	56158.57	56160.44922	56059.25899	56045.69922	504578.4	5409920.4
L4580.0	504578.4	5409919.1	1206.19995	247.38	49.07	48.842228	-86.937601	56291.59	56382.5	-132.47	56159.12	56161.02344	56059.80001	56046.06250	504578.4	5409919.1
L4580.0	504578.4	5409919.1	1206.30005	248.22	46.53	48.842228	-86.937601	56291.97	56382.4	-132.45	56159.52	56161.44531	56060.33155	56046.41797	504578.4	5409919.1
L4580.0	504578.4	5409917.5	1206.40002	247.77	45.82	48.842213	-86.937602	56292.48	56382.4	-132.43	56160.04	56161.98828	56060.83556	56046.75781	504578.4	5409917.5
L4580.0	504578.3	5409915.4	1206.50000	248.00	45.82	48.842194	-86.937602	56293.07	56382.4	-132.42	56160.66	56162.63281	56061.31336	56047.07422	504578.3	5409915.4
L4580.0	504578.3	5409915.4	1206.59998	247.01	47.96	48.842194	-86.937602	56293.45	56382.4	-132.40	56161.06	56163.05469	56061.78624	56047.39063	504578.3	5409915.4
L4580.0	504578.3	5409913.9	1206.69995	247.29	47.96	48.842181	-86.937602	56293.86	56382.4	-132.38	56161.47	56163.49219	56062.23886	56047.69531	504578.3	5409913.9
L4580.0	504578.3	5409912.4	1206.80005	247.53	39.79	48.842167	-86.937602	56294.32	56382.4	-132.36	56161.96	56164.00781	56062.66654	56047.98047	504578.3	5409912.4
L4580.0	504578.3	5409911.2	1206.90002	245.92	44.28	48.842156	-86.937602	56294.70	56382.3	-132.35	56162.36	56164.43750	56063.08062	56048.25391	504578.3	5409911.2
L4580.0	504578.3	5409909.9	1207.00000	245.40	44.28	48.842145	-86.937602	56294.78	56382.3	-132.33	56162.45	56164.55469	56063.49577	56048.53906	504578.3	5409909.9
L4580.0	504578.3	5409909.9	1207.09998	245.73	48.04	48.842145	-86.937602	56294.73	56382.3	-132.32	56162.41	56164.53906	56063.90000	56048.81641	504578.3	5409909.9
L4580.0	504578.3	5409908.5	1207.19995	245.59	48.04	48.842132	-86.937602	56294.73	56382.3	-132.31	56162.42	56164.57813	56064.28135	56049.07422	504578.3	5409908.5
L4580.0	504578.3	5409908.5	1207.30005	245.64	47.65	48.842132	-86.937602	56295.36	56382.3	-132.30	56163.07	56165.25391	56064.60052	56049.27734	504578.3	5409908.5
L4580.0	504578.4	5409906.5	1207.40002	246.22	43.51	48.842114	-86.937602	56294.78	56382.3	-132.29	56162.49	56164.70313	56064.98224	56049.54688	504578.4	5409906.5
L4580.0	504578.4	5409904.2	1207.50000	246.33	41.21	48.842093	-86.937602	56295.21	56382.3	-132.28	56162.94	56165.17578	56065.27589	56049.73438	504578.4	5409904.2
L4580.0	504578.4	5409904.2	1207.59998	246.87	41.21	48.842093	-86.937602	56295.22	56382.3	-132.26	56162.95	56165.21484	56065.57957	56049.93750	504578.4	5409904.2
L4580.0	504578.4	5409902.7	1207.69995	247.98	43.28	48.842080	-86.937602	56295.64	56382.3	-132.25	56163.39	56165.67969	56065.83535	56050.09766	504578.4	5409902.7
L4580.0	504578.4	5409901.3	1207.80005	249.60	43.28	48.842067	-86.937601	56294.63	56382.2	-132.24	56162.38	56164.69141	56066.16868	56050.34375	504578.4	5409901.3
L4580.0	504578.4	5409899.7	1207.90002	250.51	47.25	48.842053	-86.937601	56294.50	56382.2	-132.23	56162.26	56164.59375	56066.42367	56050.51172	504578.4	5409899.7
L4580.0	504578.4	5409899.7	1208.00000	250.40	48.71	48.842053	-86.937601	56294.52	56382.2	-132.22	56162.30	56164.65625	56066.64914	56050.65625	504578.4	5409899.7
L4580.0	504578.5	5409898.5	1208.09998	251.27	48.71	48.842042	-86.937601	56294.24	56382.2	-132.21	56162.03	56164.40625	56066.87656	56050.80859	504578.5	5409898.5
L4580.0	504578.5	5409897.1	1208.19995	250.87	40.54	48.842029	-86.937600	56294.63	56382.2	-132.20	56162.42	56164.81641	56067.04144	56050.90234	504578.5	5409897.1
L4580.0	504578.5	5409897.1	1208.30005	251.91	47.99	48.842029	-86.937600	56294.20	56382.2	-132.19	56162.00	56164.41406	56067.24196	56051.03516	504578.5	5409897.1
L4580.0	504578.5	5409895.3	1208.40002	249.51	47.99	48.842014	-86.937599	56293.78	56382.2	-132.18	56161.60	56164.02734	56067.42298	56051.15234	504578.5	5409895.3
L4580.0	504578.6	5409894.1	1208.50000	250.46	43.27	48.842003	-86.937599	56293.68	56382.2	-132.17	56161.51	56163.95313	56067.56541	56051.23828	504578.6	5409894.1
L4580.0	504578.6	5409893.3	1208.59998	251.05	48.56	48.841996	-86.937599	56292.94	56382.2	-132.17	56160.77	56163.22656	56067.73347	56051.35156	504578.6	5409893.3
L4580.0	504578.6	5409892.2	1208.69995	250.41	48.17	48.841986	-86.937598	56292.67	56382.2	-132.16	56160.51	56162.97656	56067.85208	56051.41797	504578.6	5409892.2
L4580.0	504578.7	5409890.8	1208.80005	248.05	42.82	48.841973	-86.937598	56292.33	56382.1	-132.15	56160.18	56162.65625	56067.95820	56051.48047	504578.7	5409890.8
L4580.0	504578.7	5409889.5	1208.90002	246.16	42.82	48.841961	-86.937597	56290.63	56382.1	-132.14	56158.49	56160.97266	56068.13811	56051.61719	504578.7	5409889.5
L4580.0	504578.7	5409888.1	1209.00000	244.24	43.34	48.841949	-86.937597	56289.88	56382.1	-132.13	56157.75	56160.23828	56068.23812	56051.67969	504578.7	5409888.1
L4580.0	504578.7	5409888.1	1209.09998	244.58	47.96	48.841949	-86.937597	56289.44	56382.1	-132.12	56157.32	56159.80859	56068.30124	56051.70703	504578.7	5409888.1
L4580.0	504578.8	5409886.5	1209.19995	246.34	47.84	48.841935	-86.937597	56288.70	56382.1	-132.10	56156.60	56159.08984	56068.36782	56051.74609	504578.8	5409886.5
L4580.0	504578.8	5409884.9	1209.30005	247.05	47.84	48.841920	-86.937597	56288.04	56382.1	-132.09	56155.95	56158.43750	56068.41422	56051.76563	504578.8	5409884.9
L4580.0	504578.8	5409883.6	1209.40002	246.34	48.55	48.841908	-86.937596	56287.20	56382.1	-132.08	56155.13	56157.61328	56068.45683	56051.78516	504578.8	5409883.6
L4580.0	504578.8	5409883.6	1209.50000	247.58	48.55	48.841908	-86.937596	56286.58	56382.1	-132.07	56154.52	56156.99609	56068.47072	56051.77734	504578.8	5409883.6
L4580.0	504578.8	5409882.1	1209.59998	247.08	48.88	48.841895	-86.937596	56285.29	56382.1	-132.05	56153.23	56155.69922	56068.51566	56051.80469	504578.8	5409882.1
L4580.0	504578.8	5409881.0	1209.69995	246.25	47.17	48.841885	-86.937596	56283.68	56382	-132.04	56151.64	56154.09766	56068.56674	56051.84375	504578.8	5409881.0
L4580.0	504578.8	5409879.8	1209.80005	246.42	48.2	48.841874	-86.937596	56283.22	56382	-132.03	56151.19	56153.63281	56068.52844	56051.79297	504578.8	5409879.8
L4580.0	504578.8	5409878.4	1209.90002	247.03	48.16	48.841862	-86.937596	56281.74	56382	-132.01	56149.73	56152.15625	56068.54455	56051.80078	504578.8	5409878.4
L4580.0	504578.8	5409877.2	1210.00000	245.43	48.16	48.841851	-86.937596	56280.31	56382	-132.00	56148.31	56150.71484	56068.54557	56051.80078	504578.8	5409877.2
L4580.0	504578.8	5409875.6	1210.09998	244.39	48.73	48.841836	-86.937596	56278.26	56382	-131.99	56146.27	56148.65234	56068.57600	56051.82813	504578.8	5409875.6
L4580.0	504578.8	5409874.4	1210.19995	244.40	48.73	48.841826	-86.937596	56277.63	56382	-131.98	56145.65	56148.00781	56068.50037	56051.75391	504578.8	5409874.4
L4580.0	504578.8	5409874.4	1210.30005	243.38	47.19	48.841826	-86.937596	56276.05	56382	-131.97	56144.08	56146.41016	56068.47721	56051.73438	504578.8	5409874.4
L4580.0	504578.8	5409873.0	1210.40002	244.48	45.46	48.841813	-86.937596	56275.33	56382	-131.96	56143.37	56145.67188	56068.38639	56051.64844	504578.8	5409873.0
L4580.0	504578.8	5409871.6	1210.50000	243.97	45.86	48.841800	-86.937597	56274.77	56382	-131.95	56142.82	56145.08984	56068.27516	56051.54688	504578.8	5409871.6
L4580.0	504578.8	5409870.1	1210.59998	243.91	47.03	48.841787	-86.937597	56273.32	56381.9	-131.94	56141.38	56143.61328	56068.21406	56051.49609	504578.8	5409870.1

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4580.0	504578.8	5409869.1	1210.69995	245.37	47.03	48.841778	-86.937597	56271.78	56381.9	-131.93	56139.85	56142.04688	56068.15037	56051.44531	504578.8	5409869.1
L4580.0	504578.8	5409867.7	1210.80005	245.93	48.73	48.841765	-86.937597	56269.96	56381.9	-131.92	56138.04	56140.19531	56068.09732	56051.40625	504578.8	5409867.7
L4580.0	504578.8	5409867.7	1210.90002	245.70	49.65	48.841765	-86.937597	56268.14	56381.9	-131.91	56136.23	56138.33984	56068.03685	56051.36328	504578.8	5409867.7
L4580.0	504578.7	5409865.8	1211.00000	246.92	49.65	48.841748	-86.937597	56266.63	56381.9	-131.90	56134.73	56136.79688	56067.94891	56051.29688	504578.7	5409865.8
L4580.0	504578.7	5409865.8	1211.09998	247.64	50.16	48.841748	-86.937597	56265.13	56381.9	-131.89	56133.24	56135.25781	56067.85409	56051.22266	504578.7	5409865.8
L4580.0	504578.7	5409864.4	1211.19995	248.78	49.22	48.841735	-86.937597	56263.98	56381.9	-131.88	56132.10	56134.06641	56067.73036	56051.12109	504578.7	5409864.4
L4580.0	504578.7	5409862.6	1211.30005	248.39	48.21	48.841720	-86.937598	56261.95	56381.9	-131.86	56130.09	56132.00391	56067.65965	56051.07813	504578.7	5409862.6
L4580.0	504578.7	5409861.2	1211.40002	248.15	48.21	48.841707	-86.937598	56260.78	56381.9	-131.85	56128.93	56130.78516	56067.52794	56050.97266	504578.7	5409861.2
L4580.0	504578.7	5409859.4	1211.50000	247.20	46.78	48.841691	-86.937598	56259.43	56381.8	-131.84	56127.59	56129.38672	56067.40450	56050.87500	504578.7	5409859.4
L4580.0	504578.7	5409859.4	1211.59998	247.77	49.26	48.841691	-86.937598	56257.77	56381.8	-131.83	56125.95	56127.68359	56067.29796	56050.79688	504578.7	5409859.4
L4580.0	504578.7	5409858.2	1211.69995	247.92	50.61	48.841680	-86.937598	56255.76	56381.8	-131.82	56123.95	56125.62109	56067.21295	56050.74609	504578.7	5409858.2
L4580.0	504578.7	5409856.8	1211.80005	248.10	50.61	48.841667	-86.937598	56254.61	56381.8	-131.80	56122.81	56124.41406	56067.06874	56050.63281	504578.7	5409856.8
L4580.0	504578.7	5409855.6	1211.90002	247.44	51.83	48.841656	-86.937598	56253.21	56381.8	-131.79	56121.42	56122.95703	56066.93997	56050.53906	504578.7	5409855.6
L4580.0	504578.7	5409854.2	1212.00000	247.29	54.28	48.841644	-86.937598	56251.70	56381.8	-131.78	56119.92	56121.38281	56066.81791	56050.44922	504578.7	5409854.2
L4580.0	504578.7	5409853.0	1212.09998	246.71	48.66	48.841633	-86.937598	56250.14	56381.8	-131.77	56118.37	56119.76172	56066.69917	56050.36719	504578.7	5409853.0
L4580.0	504578.7	5409851.1	1212.19995	247.27	48.66	48.841616	-86.937598	56248.94	56381.8	-131.76	56117.18	56118.49609	56066.55701	56050.26172	504578.7	5409851.1
L4580.0	504578.7	5409851.1	1212.30005	246.39	43.62	48.841616	-86.937598	56247.95	56381.7	-131.74	56116.21	56117.44922	56066.40136	56050.14453	504578.7	5409851.1
L4580.0	504578.7	5409849.7	1212.40002	246.06	43.62	48.841603	-86.937597	56246.08	56381.7	-131.73	56114.35	56115.50781	56066.30682	56050.08984	504578.7	5409849.7
L4580.0	504578.7	5409848.3	1212.50000	246.20	54.42	48.841590	-86.937597	56244.79	56381.7	-131.72	56113.07	56114.14453	56066.17594	56049.99609	504578.7	5409848.3
L4580.0	504578.8	5409846.5	1212.59998	247.20	55.75	48.841574	-86.937597	56243.20	56381.7	-131.71	56111.49	56112.48047	56066.06797	56049.92969	504578.8	5409846.5
L4580.0	504578.8	5409846.5	1212.69995	249.19	53.68	48.841574	-86.937597	56241.98	56381.7	-131.70	56110.28	56111.18750	56065.93879	56049.83984	504578.8	5409846.5
L4580.0	504578.8	5409845.0	1212.80005	249.71	53.68	48.841561	-86.937597	56240.21	56381.7	-131.68	56108.53	56109.34766	56065.84960	56049.79297	504578.8	5409845.0
L4580.0	504578.8	5409843.4	1212.90002	251.40	52.62	48.841547	-86.937597	56238.98	56381.7	-131.67	56107.31	56108.03906	56065.72959	56049.71484	504578.8	5409843.4
L4580.0	504578.8	5409842.5	1213.00000	252.37	52.62	48.841538	-86.937596	56238.03	56381.7	-131.66	56106.37	56107.00781	56065.59596	56049.62500	504578.8	5409842.5
L4580.0	504578.8	5409842.5	1213.09998	250.66	53.87	48.841538	-86.937596	56236.25	56381.6	-131.64	56104.61	56105.15234	56065.52251	56049.59375	504578.8	5409842.5
L4580.0	504578.8	5409841.0	1213.19995	249.94	54.09	48.841525	-86.937596	56235.26	56381.6	-131.62	56103.64	56104.08984	56065.40240	56049.51953	504578.8	5409841.0
L4580.0	504578.8	5409839.8	1213.30005	249.94	54.09	48.841514	-86.937596	56233.94	56381.6	-131.60	56102.33	56102.68359	56065.31141	56049.47266	504578.8	5409839.8
L4580.0	504578.9	5409838.4	1213.40002	248.82	54.14	48.841501	-86.937596	56233.10	56381.6	-131.58	56101.52	56101.77734	56065.19400	56049.39844	504578.9	5409838.4
L4580.0	504578.9	5409837.3	1213.50000	249.35	56.27	48.841491	-86.937596	56231.87	56381.6	-131.57	56100.30	56100.45703	56065.11125	56049.35938	504578.9	5409837.3
L4580.0	504578.9	5409835.8	1213.59998	249.95	53.99	48.841479	-86.937596	56230.90	56381.5	-131.55	56099.36	56099.41797	56065.01757	56049.31250	504578.9	5409835.8
L4580.0	504578.9	5409834.6	1213.69995	250.36	53.99	48.841467	-86.937596	56230.03	56381.5	-131.53	56098.50	56098.45313	56064.92667	56049.26563	504578.9	5409834.6
L4580.0	504578.9	5409834.6	1213.80005	248.69	54.82	48.841467	-86.937596	56229.40	56381.5	-131.51	56097.89	56097.74219	56064.82758	56049.21094	504578.9	5409834.6
L4580.0	504578.9	5409832.7	1213.90002	247.23	54.82	48.841451	-86.937595	56227.88	56381.5	-131.49	56096.39	56096.13672	56064.79665	56049.22656	504578.9	5409832.7
L4580.0	504578.9	5409831.5	1214.00000	243.56	54.26	48.841440	-86.937595	56227.18	56381.5	-131.47	56095.71	56095.35547	56064.72020	56049.19531	504578.9	5409831.5
L4580.0	504578.9	5409830.4	1214.09998	241.58	58.11	48.841429	-86.937595	56226.48	56381.5	-131.46	56095.02	56094.55859	56064.65385	56049.17188	504578.9	5409830.4
L4580.0	504578.9	5409828.7	1214.19995	241.15	58.11	48.841415	-86.937595	56225.88	56381.5	-131.46	56094.42	56093.85156	56064.59122	56049.15625	504578.9	5409828.7
L4580.0	504578.9	5409827.3	1214.30005	239.98	56.22	48.841402	-86.937595	56224.81	56381.4	-131.45	56093.36	56092.68359	56064.56923	56049.17969	504578.9	5409827.3
L4580.0	504578.9	5409827.3	1214.40002	241.30	58.06	48.841402	-86.937595	56224.67	56381.4	-131.44	56093.23	56092.44922	56064.49545	56049.14844	504578.9	5409827.3
L4580.0	504579.0	5409824.7	1214.50000	241.92	58.06	48.841379	-86.937595	56223.92	56381.4	-131.43	56092.48	56091.58984	56064.47341	56049.17188	504579.0	5409824.7
L4580.0	504579.0	5409824.7	1214.59998	243.07	53.58	48.841379	-86.937595	56224.16	56381.4	-131.43	56092.73	56091.73047	56064.39532	56049.13672	504579.0	5409824.7
L4580.0	504579.0	5409823.5	1214.69995	243.79	52.93	48.841368	-86.937595	56223.14	56381.4	-131.42	56091.72	56090.61328	56064.41200	56049.19922	504579.0	5409823.5
L4580.0	504578.9	5409821.9	1214.80005	246.17	54.23	48.841353	-86.937595	56222.84	56381.4	-131.41	56091.43	56090.21094	56064.39160	56049.22266	504578.9	5409821.9
L4580.0	504578.9	5409820.7	1214.90002	246.01	54.23	48.841343	-86.937595	56222.20	56381.4	-131.41	56090.79	56089.46094	56064.40557	56049.27734	504578.9	5409820.7
L4580.0	504578.9	5409819.0	1215.00000	247.08	57.98	48.841327	-86.937595	56222.16	56381.4	-131.40	56090.76	56089.32422	56064.39001	56049.30469	504578.9	5409819.0
L4580.0	504578.9	5409818.1	1215.09998	245.93	57.14	48.841319	-86.937595	56221.90	56381.4	-131.39	56090.51	56088.96484	56064.40034	56049.35938	504578.9	5409818.1
L4580.0	504578.9	5409817.1	1215.19995	245.76	59	48.841310	-86.937595	56221.72	56381.4	-131.38	56090.34	56088.68359	56064.41662	56049.41797	504578.9	5409817.1
L4580.0	504578.9	5409817.1	1215.30005	245.54	59	48.841310	-86.937595	56221.66	56381.4	-131.37	56090.29	56088.52344	56064.43622	56049.48047	504578.9	5409817.1
L4580.0	504578.9	5409815.4	1215.40002	246.43	60.67	48.841295	-86.937596	56221.54	56381.4	-131.36	56090.18	56088.30469	56064.47116	56049.55469	504578.9	5409815.4
L4580.0	504578.9	5409813.9	1215.50000	246.39	60.67	48.841281	-86.937596	56221.25	56381.4	-131.35	56089.90	56087.91406	56064.52877	56049.65234	504578.9	5409813.9
L4580.0	504578.9	5409812.2	1215.59998	248.16	61.74	48.841266	-86.937596	56221.36	56381.3	-131.34	56090.02	56087.92578	56064.57104	56049.73438	504578.9	5409812.2
L4580.0	504578.9	5409812.2	1215.69995	249.45	62.51	48.841266	-86.937596	56221.15	56381.3	-131.33	56089.82	56087.61719	56064.64593	56049.84766	504578.9	5409812.2
L4580.0	504578.8	5409810.8	1215.80005	249.98	62.51	48.841253	-86.937597	56220.97	56381.3	-131.32	56089.65	56087.33984	56064.73004	56049.97266	504578.8	5409810.8
L4580.0	504578.8	5409809.6	1215.90002	249.80	62.66	48.841242	-86.937597	56221.21	56381.3	-131.31	56089.90	56087.48438	56064.79731	56050.07813	504578.8	5409809.6
L4580.0	504578.8	5409808.2	1216.00000	249.21	62.45	48.841230	-86.937597	56221.63	56381.3	-131.30	56090.33	56087.80469	56064.86365	56050.17969	504578.8	5409808.2
L4580.0	504578.8	5409806.7	1216.09998	249.81	62.45	48.841216	-86.937597	56221.64	56381.3	-131.30	56090.35	56087.71875	56064.96828	56050.32422	504578.8	5409806.7
L4580.0	504578.8	5409806.7	1216.19995	248.27	62.32	48.841216	-86.937597	56221.82	56381.3	-131.29	56090.53	56087.79688	56065.07309	56050.46484	504578.8	5409806.7
L4580.0	504578.7	5409805.2	1216.30005	248.05	61.57	48.841203	-86.937598	56222.12	56381.3	-131.29	56090.83	56087.99219	56065.18061	56050.60547	504578.7	5409805.2
L4580.0	504578.7	5409803.6	1216.40002	248.15	61.42	48.841189	-86.937598	56222.28	56381.3	-131.28	56091.00	56088.05859	56065.30735	56050.76953	504578.7	5409803.6
L4580.0	504578.7	5409802.4	1216.50000	246.61	61.42	48.841178	-86.937598	56222.96	56381.3	-131.28	56091.69	56088.64453	56065.40982	56050.90625	504578.7	5409802.4
L4580.0	504578.7	5409801.0	1216.59998	245.44	55.09	48.841166	-86.937598	56223.32	56381.3	-131.27	56092.05	56088.90625	56065.54452	56051.07031	504578.7	5409801.0
L4580.0	504578.7	5409800.1	1216.69995	244.02	56.64	48.841157	-86.937599	56223.17	56381.3	-131.26	56091.90	56088.65625	56065.72325	56051.28125	504578.7	5409800.1
L4580.0	504578.7	5409798.8	1216.80005	244.00	54.33	48.841145	-86.937599	56223.65	56381.3	-131.26	56092.39	56089.04688	56065.86915	56051.46094	504578.7	5409798.8
L4580.0	504578.7	5409797.2	1216.90002	244.25	54.33	48.841131	-86.937599	56224.42	56381.3	-131.25	56093.17	56089.72656	56066.00535	56051.62891	504578.7	5409797.2
L4580.0	504578.6	5409795.8	1217.00000	242.73	51.43	48.841118	-86.937599	56224.75	56381.3	-131.25	56093.50	56089.96094	56066.18097	56051.83203	504578.6	5409795.8
L4580.0	504578.6	5409795.8	1217.09998	244.89	50.79	48.841118	-86.937599	56225.38	56381.2	-131.24	56094.14	56090.50781	56066.34512	56052.02734	504578.6	5409795.8
L4580.0	504578.6	5409794.4	1217.19995	243.64	50.79	48.841105	-86.937599	56226.19	56381.2	-131.22	56094.97	56091.24609	56066.50556	56052.21484	504578.6	5409794.4
L4580.0	504578.6	5409792.9	1217.30005	244.72	49.92	48.841093	-86.937600	56226.46	56381.2	-131.21	56095.25	56091.43359	56066.71138	56052.44922	504578.6	5409792.9
L4580.0	504578.6	5409791.5	1217.40002	246.22	47.96	48.841080	-86.937600	56226.43	56381.2	-131.19	56095.24	56091.33203	56066.94502	56052.70703	504578.6	5409791.5
L4580.0	504578.6	5409790.6	1217.50000	245.94	50.6	48.841071	-86.937600	56227.20	56381.2	-131.17	56096.02	56092.02344	56067.13422	56052.92188	504578.6	5409790.6
L4580.0	504578.6	5409789.5	1217.59998	246.48	51.04	48.841062	-86.937600	56228.12	56381.2	-131.16	56096.96	56092.87891	56067.32072	56053.13281	504578.6	5409789.5
L4580.0	504578.6	5409788.1	1217.69995	246.76	51.04	48.841049	-86.937600	56228.66	56381.1	-131.14	56097.51	56093.34375	56067.54093	56053.37891	504578.6	5409788.1
L4580.0	504578.6	5409788.1	1217.80005	247.32	50.54	48.841049	-86.937600	56229.15	56381.1	-131.13	56098.02	56093.76953	56067.77127	56053.62891	504578.6	5409788.1
L4580.0	504578.6	5409786.5	1217.90002	246.74	50.54	48.841035	-86.937600	56229.82	56381.1	-131.11	56098.71	56094.37891	56067.99679	56053.87891	504578.6	5409786.5
L4580.0	504578.6	5409785.5	1218.00000	246.69	53.92	48.841026	-86.937600	56230.54	56381.1	-131.10	56099.44	56095.02734	56068.22658	56054.12891	504578.6	5409785.5
L4580.0	504578.6	5409784.1	1218.09998	247.68	48.85	48.841013	-86.937600	56231.11	56381.1	-131.09	56100.02	56095.53125	56068.47302	56054.39453	504578.6	5409784.1
L4580.0	504578.6	5409782.1	1218.19995	250.24	48.85	48.840995	-86.937601	56231.52	56381.1	-131.08	56100.44	56095.87500	56068.73653	56054.67578	504578.6	5409782.1
L4580.0	504578.6	5409782.1	1218.30005	247.23	49.25	48.840995	-86.937601	56232.26	56381.1	-131.07	56101.20	56096.56250	56068.98351	56054.94141	504578.6	5409782.1
L4580.0	504578.6	5409780.4	1218.40002	248.71	49.61	48.840980	-86.937601	56233.06	56381.1	-131.06	56102.01	56097.30078	56069.23302	56055.21094	504578.6	5409780.4
L4580.0	504578.6	5409779.2	1218.50000	250.25	49.61	48.840969	-86.937601	56233.25	56381	-131.04	56102.21	56097.42969	56069.52881	56055.52344	504578.6	5409779.2
L4580.0	504578.6	5409777.5	1218.59998	251.36	50.72	48.840954	-86.937601	56234.04	56381	-131.03	56103.00	56098.15234	56069.79063	56055.79688	504578.6	5409777.5
L4580.0	504578.6	5409776.2	1218.69995	250.53	50.7	48.840943	-86.937601	56235.04	56381	-131.02	56104.01	56099.09766	56070.04288	56056.06641	504578.6	5409776.2
L4580.0	504578.6	5409776.2	1218.80005	250.34	52.37	48.840943	-86.937601	56235.57	56381	-131.01	56104.55	56099.57422	56070.33132	56056.36719	504578.6	5409776.2
L4580.0	504578.6	5409773.4	1218.90002	250.45	52.37	48.840917	-86.937601	56236.29	56381	-131.00	56105.28	56100.24219	56070.61171	56056.66016	504578.6	5409773.4
L4580.0	504578.6	5409773.4	1219.00000	248.86	48.62	48.840917	-86.937601	56237.06	56381	-130.99	56106.07	56100.97266	56070.89246	56056.95313	504578.6	5409773.4
L4580.0	504578.6	5409772.0	1219.09998	248.95	55.35	48.840905	-86.937601	56237.69	56381	-130.98	56106.71	56101.55469	56071.18736	56057.25781	504578.6	5409772.0
L4580.0	504578.6	5409770.8	1219.19995	247.61	55.35	48.840894	-86.937601	56238.14	56381	-130.98	56107.17	56101.96094	56071.49817	56057.57813	504578.6	5409770.8
L4580.0	504578.6	5409769.6	1219.30005	246.82	50.27	48.840883	-86.937601	56238.71	56381	-130.97	56107.75	56102.48828	56071.80467	56057.89453	504578.6	5409769.6
L4580.0	504578.6	5409767.9	1219.40002	246.70	55.42	48.840868	-86.937601	56239.73	56381	-130.96	56108.77	56103.46094	56072.08532	56058.18359	504578.6	5409767.9
L4580.0	504578.6	5409767.9	1219.50000	245.95	55	48.840868	-86.937601	56240.39	56381	-130.96	56109.44	56104.08203	56072.39258	56058.49609	504578.6	5409767.9
L4580.0	504578.6	5409765.3	1219.59998	246.60	55	48.840844	-86.937601	56240.95	56380.9	-130.95	56110.01	56104.60547	56072.70959	56058.82031	504578.6	5409765.3
L4580.0	504578.6	5409765.3	1219.69995	246.37	51.28	48.840844	-86.937601	56241.78	56380.9	-130.94	56110.84	56105.39063	56073.01215	56059.12500	504578.6	5409765.3
L4580.0	504578.6	5409763.7	1219.80005	246.79	49.84	48.840830	-86.937601	56241.59	56380.9	-130.93	56110.65	56105.16016	56073.38543	56059.50391	504578.6	5409763.7
L4580.0	504578.5	5409762.3	1219.90002	247.02	49.84	48.840817	-86.937601	56241.78	56380.9	-130.93	56110.85	56105.32422	56073.73524	56059.85547	504578.5	5409762.3

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4580.0	504578.5	5409761.2	1220.00000	246.21	49.84	48.840807	-86.937601	56242.67	56380.9	-130.92	56111.75	56106.18750	56074.04076	56060.16406	504578.5	5409761.2
L4580.0	504578.5	5409761.2	1220.09998	244.73	50.91	48.840807	-86.937601	56243.43	56380.9	-130.92	56112.51	56106.91016	56074.35784	56060.48438	504578.5	5409761.2
L4580.0	504578.5	5409759.6	1220.19995	242.89	51.71	48.840793	-86.937601	56244.02	56380.9	-130.91	56113.10	56107.46875	56074.68833	56060.81250	504578.5	5409759.6
L4580.0	504578.5	5409758.4	1220.30005	243.06	50.61	48.840782	-86.937602	56244.48	56380.9	-130.91	56113.57	56107.91016	56075.02875	56061.15234	504578.5	5409758.4
L4580.0	504578.5	5409757.0	1220.40002	244.74	50.61	48.840770	-86.937602	56245.12	56380.9	-130.90	56114.22	56108.53125	56075.35899	56061.48047	504578.5	5409757.0
L4580.0	504578.5	5409755.3	1220.50000	244.89	52.65	48.840754	-86.937602	56245.68	56380.9	-130.90	56114.78	56109.06641	56075.69692	56061.81641	504578.5	5409755.3
L4580.0	504578.5	5409753.9	1220.59998	246.13	53.47	48.840742	-86.937602	56245.68	56380.9	-130.90	56114.78	56109.04297	56076.07377	56062.19141	504578.5	5409753.9
L4580.0	504578.5	5409753.9	1220.69995	246.40	51.88	48.840742	-86.937602	56246.54	56380.9	-130.89	56115.65	56109.89453	56076.39411	56062.50781	504578.5	5409753.9
L4580.0	504578.5	5409751.7	1220.80005	246.46	51.88	48.840722	-86.937602	56246.82	56380.9	-130.89	56115.94	56110.16406	56076.75451	56062.86328	504578.5	5409751.7
L4580.0	504578.5	5409751.7	1220.90002	247.74	50.41	48.840722	-86.937602	56247.44	56380.9	-130.88	56116.56	56110.76953	56077.09422	56063.19531	504578.5	5409751.7
L4580.0	504578.5	5409750.3	1221.00000	249.21	51.22	48.840709	-86.937602	56248.34	56380.9	-130.88	56117.46	56111.65625	56077.41652	56063.51172	504578.5	5409750.3
L4580.0	504578.5	5409748.8	1221.09998	249.87	51.22	48.840696	-86.937602	56248.54	56380.9	-130.87	56117.67	56111.85156	56077.78599	56063.87500	504578.5	5409748.8
L4580.0	504578.5	5409747.6	1221.19995	249.89	48.76	48.840685	-86.937602	56248.38	56380.9	-130.85	56117.53	56111.70313	56078.17991	56064.26172	504578.5	5409747.6
L4580.0	504578.5	5409746.0	1221.30005	249.91	48.7	48.840671	-86.937602	56249.07	56380.8	-130.84	56118.23	56112.39453	56078.51892	56064.58984	504578.5	5409746.0
L4580.0	504578.5	5409745.0	1221.40002	251.79	48.7	48.840661	-86.937602	56249.73	56380.8	-130.83	56118.90	56113.05859	56078.86098	56064.92188	504578.5	5409745.0
L4580.0	504578.5	5409743.5	1221.50000	248.66	51.67	48.840648	-86.937602	56250.27	56380.8	-130.81	56119.46	56113.61719	56079.21138	56065.26172	504578.5	5409743.5
L4580.0	504578.5	5409742.2	1221.59998	247.07	44.32	48.840636	-86.937602	56250.37	56380.8	-130.80	56119.57	56113.72656	56079.59278	56065.63281	504578.5	5409742.2
L4580.0	504578.5	5409742.2	1221.69995	247.30	44.32	48.840636	-86.937602	56250.58	56380.8	-130.79	56119.79	56113.94531	56079.96783	56065.99609	504578.5	5409742.2
L4580.0	504578.4	5409740.7	1221.80005	247.90	46.87	48.840623	-86.937603	56251.14	56380.8	-130.78	56120.37	56114.52734	56080.31986	56066.33594	504578.4	5409740.7
L4580.0	504578.4	5409739.7	1221.90002	246.28	44.42	48.840614	-86.937603	56251.83	56380.8	-130.76	56121.07	56115.23438	56080.66488	56066.66406	504578.4	5409739.7
L4580.0	504578.4	5409738.1	1222.00000	244.63	55.31	48.840599	-86.937603	56252.14	56380.8	-130.75	56121.39	56115.55859	56081.03624	56067.02344	504578.4	5409738.1
L4580.0	504578.4	5409736.4	1222.09998	243.93	55.31	48.840584	-86.937603	56252.48	56380.7	-130.75	56121.74	56115.91797	56081.40662	56067.37891	504578.4	5409736.4
L4580.0	504578.4	5409736.4	1222.19995	244.35	40.68	48.840584	-86.937603	56253.01	56380.7	-130.74	56122.26	56116.44922	56081.76671	56067.72266	504578.4	5409736.4
L4580.0	504578.4	5409735.0	1222.30005	246.63	43.18	48.840572	-86.937603	56253.05	56380.7	-130.74	56122.31	56116.50781	56082.15923	56068.09766	504578.4	5409735.0
L4580.0	504578.4	5409733.5	1222.40002	246.69	43.72	48.840559	-86.937603	56253.18	56380.7	-130.74	56122.45	56116.66406	56082.54687	56068.46875	504578.4	5409733.5
L4580.0	504578.4	5409732.3	1222.50000	246.43	43.72	48.840547	-86.937603	56253.87	56380.7	-130.74	56123.14	56117.36719	56082.89902	56068.80469	504578.4	5409732.3
L4580.0	504578.4	5409732.3	1222.59998	247.35	49.58	48.840547	-86.937603	56253.97	56380.7	-130.73	56123.24	56117.48438	56083.29173	56069.17578	504578.4	5409732.3
L4580.0	504578.4	5409730.0	1222.69995	247.44	49.58	48.840527	-86.937604	56254.28	56380.7	-130.73	56123.55	56117.81641	56083.67174	56069.53906	504578.4	5409730.0
L4580.0	504578.4	5409728.6	1222.80005	248.30	53.44	48.840514	-86.937604	56254.43	56380.7	-130.73	56123.70	56117.98438	56084.06377	56069.91016	504578.4	5409728.6
L4580.0	504578.4	5409728.6	1222.90002	248.19	53.73	48.840514	-86.937604	56255.29	56380.7	-130.72	56124.57	56118.87891	56084.40922	56070.23438	504578.4	5409728.6
L4580.0	504578.4	5409727.1	1223.00000	248.75	53.73	48.840501	-86.937604	56255.20	56380.7	-130.72	56124.47	56118.80078	56084.82084	56070.62500	504578.4	5409727.1
L4580.0	504578.4	5409725.4	1223.09998	249.41	50.32	48.840486	-86.937604	56255.25	56380.7	-130.71	56124.54	56118.89844	56085.22271	56071.00781	504578.4	5409725.4
L4580.0	504578.4	5409723.7	1223.19995	250.03	46.72	48.840470	-86.937604	56256.04	56380.7	-130.71	56125.33	56119.71484	56085.57824	56071.33984	504578.4	5409723.7
L4580.0	504578.4	5409723.7	1223.30005	250.03	46.38	48.840470	-86.937604	56255.84	56380.7	-130.70	56125.14	56119.55078	56086.00084	56071.73828	504578.4	5409723.7
L4580.0	504578.4	5409721.8	1223.40002	252.58	45.15	48.840453	-86.937603	56255.91	56380.7	-130.70	56125.21	56119.65234	56086.40794	56072.12500	504578.4	5409721.8
L4580.0	504578.4	5409721.8	1223.50000	250.82	45.15	48.840453	-86.937603	56256.20	56380.7	-130.69	56125.50	56119.97266	56086.80230	56072.49219	504578.4	5409721.8
L4580.0	504578.4	5409720.1	1223.59998	250.20	49.35	48.840438	-86.937603	56256.70	56380.7	-130.68	56126.02	56120.52344	56087.18333	56072.85156	504578.4	5409720.1
L4580.0	504578.4	5409718.5	1223.69995	249.65	49.35	48.840423	-86.937603	56256.93	56380.7	-130.68	56126.26	56120.79688	56087.58512	56073.22656	504578.4	5409718.5
L4580.0	504578.4	5409717.1	1223.80005	250.27	48.62	48.840410	-86.937603	56257.49	56380.7	-130.67	56126.82	56121.39063	56087.96776	56073.58594	504578.4	5409717.1
L4580.0	504578.4	5409716.1	1223.90002	248.77	48.87	48.840401	-86.937603	56257.46	56380.7	-130.67	56126.80	56121.40625	56088.39134	56073.98438	504578.4	5409716.1
L4580.0	504578.4	5409714.6	1224.00000	250.25	48.87	48.840388	-86.937603	56257.80	56380.7	-130.66	56127.14	56121.78516	56088.79328	56074.35938	504578.4	5409714.6
L4580.0	504578.4	5409713.4	1224.09998	249.77	51.04	48.840377	-86.937603	56258.68	56380.7	-130.66	56128.02	56122.70313	56089.16165	56074.69922	504578.4	5409713.4
L4580.0	504578.4	5409713.4	1224.19995	249.94	48.13	48.840377	-86.937603	56258.84	56380.7	-130.65	56128.19	56122.91016	56089.57988	56075.09375	504578.4	5409713.4
L4580.0	504578.5	5409711.8	1224.30005	249.20	48.13	48.840363	-86.937603	56258.74	56380.7	-130.65	56128.09	56122.85156	56090.01871	56075.50391	504578.5	5409711.8
L4580.0	504578.5	5409710.4	1224.40002	246.59	49.75	48.840350	-86.937603	56258.70	56380.6	-130.65	56128.05	56122.85156	56090.45620	56075.91406	504578.5	5409710.4
L4580.0	504578.5	5409708.7	1224.50000	245.65	49.27	48.840335	-86.937603	56258.88	56380.6	-130.65	56128.23	56123.07422	56090.88176	56076.31250	504578.5	5409708.7
L4580.0	504578.5	5409707.7	1224.59998	246.90	49.27	48.840326	-86.937603	56259.38	56380.6	-130.64	56128.73	56123.61719	56091.28878	56076.69141	504578.5	5409707.7
L4580.0	504578.5	5409707.7	1224.69995	246.32	48.54	48.840326	-86.937603	56259.96	56380.6	-130.64	56129.33	56124.26172	56091.69198	56077.06641	504578.5	5409707.7
L4580.0	504578.5	5409706.0	1224.80005	247.22	50.28	48.840311	-86.937602	56260.66	56380.6	-130.64	56130.02	56124.99609	56092.09208	56077.43750	504578.5	5409706.0
L4580.0	504578.5	5409704.3	1224.90002	248.99	50.28	48.840296	-86.937602	56261.25	56380.6	-130.63	56130.62	56125.64063	56092.50112	56077.81641	504578.5	5409704.3
L4580.0	504578.5	5409702.9	1225.00000	248.29	50.85	48.840283	-86.937602	56261.32	56380.6	-130.63	56130.69	56125.75781	56092.94846	56078.23438	504578.5	5409702.9
L4580.0	504578.5	5409702.9	1225.09998	247.52	49.83	48.840283	-86.937602	56262.29	56380.6	-130.62	56131.67	56126.78125	56093.33813	56078.59375	504578.5	5409702.9
L4580.0	504578.5	5409701.4	1225.19995	246.64	48.29	48.840269	-86.937602	56262.22	56380.6	-130.61	56131.61	56126.76953	56093.80015	56079.02734	504578.5	5409701.4
L4580.0	504578.5	5409699.2	1225.30005	246.60	48.29	48.840250	-86.937602	56262.78	56380.6	-130.60	56132.18	56127.38672	56094.22318	56079.41797	504578.5	5409699.2
L4580.0	504578.5	5409697.8	1225.40002	247.83	52.46	48.840237	-86.937602	56263.31	56380.6	-130.59	56132.73	56127.98438	56094.65056	56079.81641	504578.5	5409697.8
L4580.0	504578.5	5409697.8	1225.50000	245.17	51.31	48.840237	-86.937602	56263.52	56380.6	-130.57	56132.94	56128.24219	56095.10362	56080.23828	504578.5	5409697.8
L4580.0	504578.5	5409696.4	1225.59998	245.53	51.31	48.840224	-86.937602	56264.36	56380.6	-130.56	56133.80	56129.15234	56095.51632	56080.62109	504578.5	5409696.4
L4580.0	504578.5	5409694.9	1225.69995	245.88	52.3	48.840211	-86.937602	56265.17	56380.6	-130.55	56134.61	56130.01172	56095.93530	56081.00781	504578.5	5409694.9
L4580.0	504578.5	5409693.8	1225.80005	245.96	52.55	48.840201	-86.937602	56265.74	56380.5	-130.54	56135.20	56130.65234	56096.37185	56081.41406	504578.5	5409693.8
L4580.0	504578.5	5409692.3	1225.90002	247.93	52.55	48.840188	-86.937602	56266.38	56380.5	-130.53	56135.84	56131.33984	56096.80792	56081.82031	504578.5	5409692.3
L4580.0	504578.5	5409691.3	1226.00000	250.95	52.79	48.840179	-86.937602	56266.94	56380.5	-130.52	56136.42	56131.97266	56097.25078	56082.23047	504578.5	5409691.3
L4580.0	504578.5	5409689.9	1226.09998	250.87	49.06	48.840166	-86.937602	56267.56	56380.5	-130.51	56137.04	56132.64453	56097.69367	56082.64453	504578.5	5409689.9
L4580.0	504578.5	5409689.9	1226.19995	250.74	50.06	48.840166	-86.937602	56268.18	56380.5	-130.51	56137.67	56133.32422	56098.13853	56083.05859	504578.5	5409689.9
L4580.0	504578.5	5409688.5	1226.30005	250.72	50.06	48.840153	-86.937602	56269.12	56380.5	-130.50	56138.61	56134.31641	56098.56524	56083.45313	504578.5	5409688.5
L4580.0	504578.5	5409687.3	1226.40002	249.47	48.42	48.840142	-86.937602	56270.15	56380.5	-130.50	56139.65	56135.40625	56098.98770	56083.84766	504578.5	5409687.3
L4580.0	504578.5	5409685.6	1226.50000	248.11	52.69	48.840127	-86.937602	56270.64	56380.5	-130.49	56140.15	56135.95703	56099.44846	56084.27734	504578.5	5409685.6
L4580.0	504578.5	5409684.1	1226.59998	246.79	52.69	48.840114	-86.937602	56271.40	56380.5	-130.48	56140.92	56136.77734	56099.89339	56084.69141	504578.5	5409684.1
L4580.0	504578.5	5409684.1	1226.69995	244.74	55.16	48.840114	-86.937602	56272.14	56380.5	-130.48	56141.66	56137.57031	56100.34235	56085.10938	504578.5	5409684.1
L4580.0	504578.5	5409682.5	1226.80005	243.18	51.67	48.840099	-86.937602	56272.72	56380.5	-130.47	56142.25	56138.21094	56100.80320	56085.53906	504578.5	5409682.5
L4580.0	504578.5	5409680.6	1226.90002	243.91	51.67	48.840082	-86.937602	56273.86	56380.5	-130.47	56143.39	56139.40234	56101.22909	56085.93750	504578.5	5409680.6
L4580.0	504578.5	5409679.4	1227.00000	244.94	51.67	48.840072	-86.937602	56274.87	56380.5	-130.46	56144.41	56140.47656	56101.66454	56086.33984	504578.5	5409679.4
L4580.0	504578.5	5409678.2	1227.09998	244.97	45.3	48.840060	-86.937602	56275.67	56380.5	-130.46	56145.21	56141.32813	56102.11603	56086.76172	504578.5	5409678.2
L4580.0	504578.5	5409678.2	1227.19995	246.38	46.65	48.840060	-86.937602	56276.82	56380.5	-130.46	56146.36	56142.52734	56102.54537	56087.16406	504578.5	5409678.2
L4580.0	504578.5	5409676.6	1227.30005	245.41	46.65	48.840046	-86.937602	56277.73	56380.5	-130.46	56147.27	56143.49219	56102.99171	56087.57813	504578.5	5409676.6
L4580.0	504578.5	5409675.3	1227.40002	247.19	50.45	48.840035	-86.937602	56278.72	56380.5	-130.46	56148.26	56144.53125	56103.43351	56087.99219	504578.5	5409675.3
L4580.0	504578.5	5409674.0	1227.50000	246.11	45.19	48.840023	-86.937602	56279.65	56380.5	-130.46	56149.19	56145.51563	56103.87988	56088.41016	504578.5	5409674.0
L4580.0	504578.5	5409672.6	1227.59998	245.77	54.92	48.840010	-86.937602	56280.34	56380.5	-130.46	56149.88	56146.25391	56104.34262	56088.84375	504578.5	5409672.6
L4580.0	504578.5	5409672.6	1227.69995	245.94	54.92	48.840010	-86.937602	56281.44	56380.5	-130.46	56150.98	56147.40625	56104.77817	56089.25391	504578.5	5409672.6
L4580.0	504578.5	5409670.9	1227.80005	247.36	54.92	48.839995	-86.937602	56282.43	56380.5	-130.46	56151.97	56148.44531	56105.22096	56089.66797	504578.5	5409670.9
L4580.0	504578.6	5409669.5	1227.90002	247.18	51.59	48.839982	-86.937602	56283.57	56380.5	-130.46	56153.11	56149.63672	56105.65343	56090.07422	504578.6	5409669.5
L4580.0	504578.6	5409668.0	1228.00000	245.64	40.56	48.839969	-86.937602	56284.74	56380.5	-130.46	56154.28	56150.85938	56106.08334	56090.47656	504578.6	5409668.0
L4580.0	504578.6	5409666.6	1228.09998	246.38	45.65	48.839957	-86.937602	56285.80	56380.5	-130.45	56155.35	56151.98047	56106.51911	56090.88672	504578.6	5409666.6
L4580.0	504578.6	5409665.7	1228.19995	246.44	45.65	48.839948	-86.937602	56286.82	56380.4	-130.44	56156.38	56153.05859	56106.95651	56091.29688	504578.6	5409665.7
L4580.0	504578.6	5409664.2	1228.30005	247.17	47.78	48.839935	-86.937602	56287.73	56380.4	-130.43	56157.30	56154.02734	56107.39993	56091.71484	504578.6	5409664.2
L4580.0	504578.6	5409664.2	1228.40002	247.73	46.11	48.839935	-86.937602	56288.84	56380.4	-130.42	56158.41	56155.18750	56107.82914	56092.12109	504578.6	5409664.2
L4580.0	504578.6	5409662.7	1228.50000	248.34	44.01	48.839921	-86.937602	56289.78	56380.4	-130.42	56159.37	56156.19922	56108.26655	56092.53516	504578.6	5409662.7
L4580.0	504578.6	5409661.3	1228.59998	247.81	44.99	48.839909	-86.937602	56290.65	56380.4	-130.41	56160.24	56157.11719	56108.70791	56092.95313	504578.6	5409661.3
L4580.0	504578.6	5409659.9	1228.69995	247.50	44.99	48.839896	-86.937602	56291.72	56380.4	-130.40	56161.32	56158.24609	56109.13295	56093.35547	504578.6	5409659.9
L4580.0	504578.6	5409659.9	1228.80005	247.81	44.11	48.839896	-86.937602	56292.48	56380.4	-130.39	56162.09	56159.06641	56109.57610	56093.77344	504578.6	5409659.9
L4580.0	504578.6	5409658.0	1228.90002	247.47	45.75	48.839879	-86.937602	56293.84	56380.4	-130.38	56163.46	56160.48438	56109.97642	56094.15234	504578.6	5409658.0
L4580.0	504578.6	5409656.3	1229.00000	247.25	45.75	48.839864	-86.937602	56294.75	56380.4	-130.37	56164.38	56161.45313	56110.40367	56094.55859	504578.6	5409656.3
L4580.0	504578.6	5409656.3	1229.09998	247.50	42.56	48.839864	-86.937602	56295.62	56380.4	-130.37	56165.26	56162.37891	56110.83026	56094.96484	504578.6	5409656.3
L4580.0	504578.6	5409653.9	1229.19995	246.10	44.81	48.839842	-86.937602	56296.92	56380.4	-130.36	56166.56	56163.72656	56111.22528	56095.33984	504578.6	5409653.9

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4580.0	504578.6	5409653.9	1229.30005	245.02	49.07	48.839842	-86.937602	56297.86	56380.4	-130.36	56167.51	56164.72656	56111.63980	56095.73828	504578.6	5409653.9
L4580.0	504578.6	5409652.4	1229.40002	246.64	49.07	48.839829	-86.937601	56298.48	56380.3	-130.35	56168.13	56165.39453	56112.07225	56096.15234	504578.6	5409652.4
L4580.0	504578.6	5409650.6	1229.50000	245.72	46.8	48.839812	-86.937601	56299.37	56380.3	-130.35	56169.02	56166.33203	56112.48239	56096.54688	504578.6	5409650.6
L4580.0	504578.6	5409649.2	1229.59998	245.37	48.66	48.839799	-86.937601	56300.45	56380.3	-130.34	56170.11	56167.46875	56112.87464	56096.92188	504578.6	5409649.2
L4580.0	504578.6	5409649.2	1229.69995	245.61	48.66	48.839799	-86.937601	56301.62	56380.3	-130.33	56171.28	56168.68359	56113.25676	56097.28906	504578.6	5409649.2
L4580.0	504578.6	5409646.8	1229.80005	244.40	41.92	48.839778	-86.937601	56302.26	56380.3	-130.33	56171.93	56169.37891	56113.66853	56097.68359	504578.6	5409646.8
L4580.0	504578.6	5409646.8	1229.90002	245.62	38.07	48.839778	-86.937601	56303.38	56380.3	-130.32	56173.05	56170.54688	56114.04370	56098.04688	504578.6	5409646.8
L4580.0	504578.6	5409645.5	1230.00000	245.13	38.66	48.839766	-86.937601	56304.02	56380.3	-130.32	56173.70	56171.24219	56114.44474	56098.43359	504578.6	5409645.5
L4580.0	504578.6	5409643.9	1230.09998	243.26	40.04	48.839752	-86.937601	56304.96	56380.3	-130.32	56174.64	56172.22656	56114.82074	56098.80078	504578.6	5409643.9
L4580.0	504578.6	5409642.6	1230.19995	243.56	42	48.839740	-86.937602	56305.81	56380.3	-130.32	56175.49	56173.12109	56115.19682	56099.16406	504578.6	5409642.6
L4580.0	504578.6	5409641.7	1230.30005	245.29	42	48.839732	-86.937602	56306.39	56380.3	-130.32	56176.07	56173.74609	56115.58477	56099.54297	504578.6	5409641.7
L4580.0	504578.6	5409640.5	1230.40002	244.71	39.93	48.839722	-86.937602	56307.46	56380.3	-130.32	56177.15	56174.87109	56115.93305	56099.88281	504578.6	5409640.5
L4580.0	504578.6	5409639.1	1230.50000	244.62	39.93	48.839709	-86.937602	56308.03	56380.3	-130.32	56177.71	56175.47656	56116.30945	56100.25000	504578.6	5409639.1
L4580.0	504578.6	5409637.9	1230.59998	246.51	43.35	48.839698	-86.937601	56308.87	56380.3	-130.31	56178.55	56176.36328	56116.66044	56100.59766	504578.6	5409637.9
L4580.0	504578.6	5409636.5	1230.69995	246.26	46.78	48.839685	-86.937601	56309.81	56380.3	-130.31	56179.50	56177.35547	56116.99715	56100.92578	504578.6	5409636.5
L4580.0	504578.6	5409636.5	1230.80005	245.62	47.06	48.839685	-86.937601	56310.12	56380.3	-130.31	56179.81	56177.71094	56117.36940	56101.29688	504578.6	5409636.5
L4580.0	504578.6	5409634.9	1230.90002	246.61	47.06	48.839671	-86.937601	56311.11	56380.3	-130.31	56180.80	56178.74609	56117.68899	56101.61328	504578.6	5409634.9
L4580.0	504578.6	5409633.4	1231.00000	246.85	46.87	48.839658	-86.937601	56312.06	56380.3	-130.31	56181.75	56179.73828	56118.00375	56101.92578	504578.6	5409633.4
L4580.0	504578.6	5409633.4	1231.09998	245.56	47.01	48.839658	-86.937601	56312.74	56380.3	-130.31	56182.43	56180.46484	56118.32881	56102.25000	504578.6	5409633.4
L4580.0	504578.6	5409631.1	1231.19995	247.08	47.01	48.839637	-86.937601	56312.98	56380.3	-130.30	56182.67	56180.74609	56118.67534	56102.59375	504578.6	5409631.1
L4580.0	504578.6	5409629.7	1231.30005	247.99	46.78	48.839624	-86.937601	56313.79	56380.3	-130.30	56183.48	56181.60156	56118.97583	56102.89844	504578.6	5409629.7
L4580.0	504578.6	5409629.7	1231.40002	248.90	43.98	48.839624	-86.937601	56314.43	56380.3	-130.30	56184.13	56182.29688	56119.27878	56103.20313	504578.6	5409629.7
L4580.0	504578.7	5409628.0	1231.50000	247.81	38.9	48.839609	-86.937601	56315.28	56380.3	-130.29	56184.98	56183.19141	56119.56001	56103.48828	504578.7	5409628.0
L4580.0	504578.7	5409626.6	1231.59998	247.84	38.9	48.839596	-86.937601	56315.81	56380.3	-130.29	56185.51	56183.76172	56119.85402	56103.78906	504578.7	5409626.6
L4580.0	504578.7	5409625.1	1231.69995	248.80	41.83	48.839583	-86.937601	56316.20	56380.3	-130.29	56185.91	56184.20703	56120.14799	56104.08984	504578.7	5409625.1
L4580.0	504578.7	5409623.5	1231.80005	247.93	43.18	48.839569	-86.937601	56316.67	56380.3	-130.29	56186.39	56184.73047	56120.42774	56104.37500	504578.7	5409623.5
L4580.0	504578.7	5409623.5	1231.90002	247.82	43.18	48.839569	-86.937601	56317.68	56380.3	-130.28	56187.40	56185.78516	56120.66312	56104.62109	504578.7	5409623.5
L4580.0	504578.7	5409621.1	1232.00000	246.11	45.5	48.839547	-86.937601	56318.16	56380.3	-130.28	56187.88	56186.30859	56120.92464	56104.89453	504578.7	5409621.1
L4580.0	504578.7	5409621.1	1232.09998	245.08	40.27	48.839547	-86.937601	56318.59	56380.3	-130.27	56188.31	56186.78516	56121.18013	56105.16016	504578.7	5409621.1
L4580.0	504578.7	5409619.5	1232.19995	244.61	40.27	48.839533	-86.937601	56319.48	56380.3	-130.26	56189.22	56187.73828	56121.39410	56105.38672	504578.7	5409619.5
L4580.0	504578.7	5409619.5	1232.30005	245.73	36.25	48.839533	-86.937601	56319.74	56380.3	-130.26	56189.48	56188.04297	56121.64174	56105.65234	504578.7	5409619.5
L4580.0	504578.7	5409617.6	1232.40002	247.05	36.25	48.839515	-86.937601	56320.30	56380.2	-130.25	56190.05	56188.65625	56121.85887	56105.88281	504578.7	5409617.6
L4580.0	504578.7	5409616.2	1232.50000	248.04	39.91	48.839503	-86.937601	56320.68	56380.2	-130.24	56190.44	56189.08984	56122.07802	56106.12109	504578.7	5409616.2
L4580.0	504578.7	5409614.5	1232.59998	247.30	40.03	48.839488	-86.937601	56321.04	56380.2	-130.23	56190.81	56189.50781	56122.28836	56106.35156	504578.7	5409614.5
L4580.0	504578.7	5409613.5	1232.69995	247.25	40.03	48.839479	-86.937601	56321.78	56380.2	-130.22	56191.55	56190.29297	56122.46373	56106.54688	504578.7	5409613.5
L4580.0	504578.7	5409613.5	1232.80005	245.71	43.18	48.839479	-86.937601	56322.12	56380.2	-130.22	56191.90	56190.68750	56122.65463	56106.75781	504578.7	5409613.5
L4580.0	504578.7	5409612.1	1232.90002	244.95	45.54	48.839466	-86.937601	56322.65	56380.2	-130.21	56192.44	56191.27344	56122.82226	56106.94922	504578.7	5409612.1
L4580.0	504578.7	5409610.6	1233.00000	244.77	46.92	48.839453	-86.937601	56323.31	56380.2	-130.20	56193.11	56191.98828	56122.97043	56107.12109	504578.7	5409610.6
L4580.0	504578.7	5409609.2	1233.09998	247.14	46.92	48.839440	-86.937600	56323.90	56380.2	-130.19	56193.70	56192.62500	56123.11301	56107.29297	504578.7	5409609.2
L4580.0	504578.7	5409607.7	1233.19995	246.70	43.76	48.839427	-86.937600	56323.88	56380.2	-130.19	56193.69	56192.66016	56123.28448	56107.49219	504578.7	5409607.7
L4580.0	504578.7	5409606.3	1233.30005	246.70	41.12	48.839413	-86.937600	56324.71	56380.2	-130.18	56194.53	56193.54688	56123.38802	56107.62500	504578.7	5409606.3
L4580.0	504578.7	5409606.3	1233.40002	248.93	40.58	48.839413	-86.937600	56325.02	56380.2	-130.18	56194.85	56193.91406	56123.51481	56107.78125	504578.7	5409606.3
L4580.0	504578.7	5409604.4	1233.50000	246.10	40.58	48.839397	-86.937600	56325.46	56380.2	-130.17	56195.29	56194.40234	56123.62201	56107.92188	504578.7	5409604.4
L4580.0	504578.8	5409603.2	1233.59998	247.12	42.37	48.839386	-86.937600	56325.82	56380.2	-130.16	56195.65	56194.80859	56123.72278	56108.05469	504578.8	5409603.2
L4580.0	504578.8	5409603.2	1233.69995	247.00	39.77	48.839386	-86.937600	56326.02	56380.2	-130.16	56195.86	56195.06641	56123.82163	56108.19141	504578.8	5409603.2
L4580.0	504578.8	5409601.6	1233.80005	246.35	40.95	48.839371	-86.937600	56326.61	56380.2	-130.15	56196.45	56195.70313	56123.88306	56108.28906	504578.8	5409601.6
L4580.0	504578.8	5409599.2	1233.90002	244.97	40.95	48.839350	-86.937599	56327.06	56380.1	-130.15	56196.91	56196.21094	56123.94089	56108.38281	504578.8	5409599.2
L4580.0	504578.8	5409599.2	1234.00000	246.11	44.22	48.839350	-86.937599	56327.29	56380.1	-130.14	56197.15	56196.50000	56124.00096	56108.48438	504578.8	5409599.2
L4580.0	504578.8	5409597.5	1234.09998	247.21	44.22	48.839335	-86.937599	56327.63	56380.1	-130.14	56197.49	56196.89063	56124.04175	56108.56641	504578.8	5409597.5
L4580.0	504578.8	5409596.1	1234.19995	249.02	43.26	48.839322	-86.937599	56328.11	56380.1	-130.14	56197.97	56197.42188	56124.06043	56108.62891	504578.8	5409596.1
L4580.0	504578.8	5409594.8	1234.30005	247.14	42.36	48.839310	-86.937599	56328.19	56380.1	-130.13	56198.05	56197.55078	56124.09282	56108.70313	504578.8	5409594.8
L4580.0	504578.8	5409593.2	1234.40002	246.32	42.36	48.839296	-86.937599	56328.49	56380.1	-130.13	56198.36	56197.91406	56124.09674	56108.75391	504578.8	5409593.2
L4580.0	504578.8	5409593.2	1234.50000	247.07	45.58	48.839296	-86.937599	56328.92	56380.1	-130.13	56198.79	56198.39453	56124.07936	56108.78516	504578.8	5409593.2
L4580.0	504578.8	5409591.9	1234.59998	247.18	45.58	48.839284	-86.937599	56329.36	56380.1	-130.13	56199.23	56198.88672	56124.04782	56108.80078	504578.8	5409591.9
L4580.0	504578.8	5409590.5	1234.69995	247.26	44.72	48.839271	-86.937599	56329.44	56380.1	-130.13	56199.31	56199.01563	56124.02662	56108.83203	504578.8	5409590.5
L4580.0	504578.8	5409589.0	1234.80005	246.49	48.96	48.839258	-86.937599	56329.59	56380.1	-130.12	56199.46	56199.21875	56123.98690	56108.84375	504578.8	5409589.0
L4580.0	504578.8	5409589.0	1234.90002	245.67	48.96	48.839258	-86.937599	56329.66	56380.1	-130.12	56199.54	56199.35156	56123.93782	56108.84766	504578.8	5409589.0
L4580.0	504578.8	5409587.3	1235.00000	246.61	48.13	48.839243	-86.937599	56330.16	56380.1	-130.12	56200.04	56199.90625	56123.84653	56108.81250	504578.8	5409587.3
L4580.0	504578.8	5409585.2	1235.09998	247.56	46.86	48.839224	-86.937600	56330.62	56380.1	-130.11	56200.50	56200.42188	56123.74352	56108.76563	504578.8	5409585.2
L4580.0	504578.8	5409583.9	1235.19995	246.95	46.86	48.839212	-86.937600	56330.58	56380.1	-130.10	56200.47	56200.44531	56123.65860	56108.73828	504578.8	5409583.9
L4580.0	504578.8	5409583.9	1235.30005	247.22	45.92	48.839212	-86.937600	56330.79	56380.1	-130.10	56200.69	56200.71875	56123.54226	56108.68359	504578.8	5409583.9
L4580.0	504578.8	5409582.2	1235.40002	246.07	45.92	48.839197	-86.937600	56331.12	56380.1	-130.09	56201.03	56201.11328	56123.40298	56108.60156	504578.8	5409582.2
L4580.0	504578.8	5409580.8	1235.50000	242.64	45.92	48.839184	-86.937600	56330.94	56380.1	-130.08	56200.86	56201.00000	56123.28259	56108.54688	504578.8	5409580.8
L4580.0	504578.8	5409578.8	1235.59998	245.19	48.52	48.839166	-86.937600	56331.40	56380.1	-130.07	56201.33	56201.52734	56123.10422	56108.42969	504578.8	5409578.8
L4580.0	504578.8	5409578.8	1235.69995	244.78	48.67	48.839166	-86.937600	56331.24	56380.1	-130.06	56201.18	56201.43359	56122.95171	56108.34375	504578.8	5409578.8
L4580.0	504578.8	5409576.9	1235.80005	243.79	48.16	48.839149	-86.937600	56330.92	56380.1	-130.06	56200.86	56201.17188	56122.79486	56108.25391	504578.8	5409576.9
L4580.0	504578.7	5409575.5	1235.90002	245.48	48.16	48.839136	-86.937600	56330.99	56380	-130.05	56200.94	56201.30859	56122.59550	56108.12109	504578.7	5409575.5
L4580.0	504578.7	5409575.5	1236.00000	245.09	47.12	48.839136	-86.937600	56330.79	56380	-130.04	56200.75	56201.17969	56122.39811	56107.99219	504578.7	5409575.5
L4580.0	504578.7	5409574.0	1236.09998	245.54	47.12	48.839123	-86.937601	56330.84	56380	-130.04	56200.80	56201.28516	56122.16851	56107.83594	504578.7	5409574.0
L4580.0	504578.7	5409572.2	1236.19995	245.63	37.69	48.839107	-86.937601	56331.27	56380	-130.04	56201.24	56201.78516	56121.89652	56107.63281	504578.7	5409572.2
L4580.0	504578.7	5409571.0	1236.30005	245.67	37.69	48.839096	-86.937601	56330.76	56380	-130.04	56200.72	56201.32422	56121.67196	56107.48438	504578.7	5409571.0
L4580.0	504578.7	5409571.0	1236.40002	246.20	40.27	48.839096	-86.937601	56330.79	56380	-130.04	56200.75	56201.41406	56121.39399	56107.27734	504578.7	5409571.0
L4580.0	504578.7	5409569.4	1236.50000	246.59	40.53	48.839082	-86.937601	56330.74	56380	-130.03	56200.70	56201.42578	56121.10442	56107.06641	504578.7	5409569.4
L4580.0	504578.7	5409568.0	1236.59998	248.35	40.53	48.839069	-86.937601	56330.53	56380	-130.03	56200.50	56201.28516	56120.80775	56106.84375	504578.7	5409568.0
L4580.0	504578.7	5409567.0	1236.69995	249.22	45.35	48.839060	-86.937601	56330.36	56380	-130.03	56200.33	56201.17578	56120.49179	56106.60938	504578.7	5409567.0
L4580.0	504578.7	5409565.6	1236.80005	249.27	33.63	48.839048	-86.937601	56329.89	56380	-130.03	56199.86	56200.76953	56120.17838	56106.37500	504578.7	5409565.6
L4580.0	504578.7	5409565.6	1236.90002	249.89	33.63	48.839048	-86.937601	56330.06	56380	-130.03	56200.02	56200.99219	56119.80533	56106.08203	504578.7	5409565.6
L4580.0	504578.7	5409564.0	1237.00000	251.09	39.46	48.839033	-86.937601	56329.84	56380	-130.03	56199.81	56200.84375	56119.43915	56105.79688	504578.7	5409564.0
L4580.0	504578.7	5409562.5	1237.09998	249.58	39.46	48.839020	-86.937601	56329.36	56380	-130.02	56199.33	56200.42578	56119.07298	56105.51172	504578.7	5409562.5
L4580.0	504578.7	5409561.1	1237.19995	249.33	49.6	48.839007	-86.937601	56329.28	56380	-130.02	56199.26	56200.41797	56118.66133	56105.18359	504578.7	5409561.1
L4580.0	504578.7	5409559.9	1237.30005	247.39	47.68	48.838996	-86.937601	56328.88	56380	-130.01	56198.87	56200.08984	56118.25269	56104.86328	504578.7	5409559.9
L4580.0	504578.7	5409558.4	1237.40002	247.83	47.68	48.838983	-86.937601	56328.67	56380	-130.01	56198.67	56199.95313	56117.81290	56104.50781	504578.7	5409558.4
L4580.0	504578.7	5409558.4	1237.50000	248.03	47.33	48.838983	-86.937601	56328.41	56380	-130.00	56198.41	56199.75781	56117.35845	56104.14063	504578.7	5409558.4
L4580.0	504578.7	5409557.0	1237.59998	248.22	47.33	48.838970	-86.937601	56327.86	56380	-129.99	56197.86	56199.26953	56116.90452	56103.77344	504578.7	5409557.0
L4580.0	504578.7	5409555.2	1237.69995	247.20	46.14	48.838954	-86.937601	56327.57	56380	-129.99	56197.59	56199.06250	56116.41293	56103.37109	504578.7	5409555.2
L4580.0	504578.7	5409553.7	1237.80005	248.66	49.18	48.838940	-86.937601	56327.34	56380	-129.98	56197.36	56198.89844	56115.89954	56102.94531	504578.7	5409553.7
L4580.0	504578.7	5409552.1	1237.90002	248.18	49.18	48.838926	-86.937602	56326.64	56380	-129.98	56196.66	56198.26172	56115.39818	56102.53516	504578.7	5409552.1
L4580.0	504578.7	5409552.1	1238.00000	250.05	49.72	48.838926	-86.937602	56326.09	56380	-129.97	56196.12	56197.78516	56114.86670	56102.09766	504578.7	5409552.1
L4580.0	504578.7	5409550.9	1238.09998	249.66	49.72	48.838915	-86.937602	56325.86	56380	-129.97	56195.89	56197.61719	56114.29494	56101.61719	504578.7	5409550.9
L4580.0	504578.6	5409549.0	1238.19995	248.86	48.26	48.838898	-86.937602	56325.20	56380	-129.97	56195.22	56197.01172	56113.73275	56101.14844	504578.6	5409549.0
L4580.0	504578.6	5409549.0	1238.30005	247.38	44.53	48.838898	-86.937602	56324.54	56380	-129.98	56194.56	56196.41406	56113.14999	56100.65625	504578.6	5409549.0
L4580.0	504578.6	5409547.4	1238.40002	248.11	44.53	48.838883	-86.937603	56323.92	56380	-129.98	56193.94	56195.85938	56112.54451	56100.14844	504578.6	5409547.4
L4580.0	504578.6	5409545.9	1238.50000	246.87	36.91	48.838870	-86.937603	56323.23	56380	-129.98	56193.25	56195.23047	56111.92349	56099.62109	504578.6	5409545.9

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4580.0	504578.5	5409544.4	1238.59998	246.71	39.25	48.838857	-86.937603	56322.44	56380	-129.98	56192.46	56194.50391	56111.28881	56099.08203	504578.5	5409544.4
L4580.0	504578.5	5409544.4	1238.69995	245.31	39.25	48.838857	-86.937603	56321.76	56380	-129.98	56191.77	56193.87500	56110.62697	56098.51563	504578.5	5409544.4
L4580.0	504578.5	5409542.0	1238.80005	244.00	38.89	48.838835	-86.937604	56320.66	56380	-129.99	56190.67	56192.83984	56109.97186	56097.95703	504578.5	5409542.0
L4580.0	504578.5	5409542.0	1238.90002	244.96	43.29	48.838835	-86.937604	56320.30	56380	-129.99	56190.31	56192.53906	56109.24667	56097.32813	504578.5	5409542.0
L4580.0	504578.5	5409540.6	1239.00000	246.43	42.56	48.838822	-86.937605	56319.36	56380	-129.99	56189.37	56191.66016	56108.53925	56096.71875	504578.5	5409540.6
L4580.0	504578.4	5409539.1	1239.09998	245.55	42.56	48.838809	-86.937605	56317.88	56380	-129.98	56187.89	56190.24219	56107.84683	56096.12500	504578.4	5409539.1
L4580.0	504578.4	5409537.4	1239.19995	246.66	47.43	48.838794	-86.937605	56316.98	56380	-129.97	56187.01	56189.42188	56107.09327	56095.46875	504578.4	5409537.4
L4580.0	504578.4	5409535.7	1239.30005	247.33	47.43	48.838779	-86.937606	56316.35	56380	-129.97	56186.38	56188.85156	56106.30177	56094.77734	504578.4	5409535.7
L4580.0	504578.4	5409535.7	1239.40002	246.60	49.05	48.838779	-86.937606	56315.50	56380	-129.96	56185.54	56188.07031	56105.50287	56094.07422	504578.4	5409535.7
L4580.0	504578.4	5409534.5	1239.50000	248.16	49.05	48.838768	-86.937606	56314.20	56380	-129.95	56184.25	56186.83984	56104.71246	56093.38281	504578.4	5409534.5
L4580.0	504578.3	5409532.9	1239.59998	247.69	45.86	48.838753	-86.937606	56313.18	56379.9	-129.94	56183.24	56185.88672	56103.88173	56092.65234	504578.3	5409532.9
L4580.0	504578.3	5409531.4	1239.69995	248.27	45.86	48.838740	-86.937607	56311.83	56379.9	-129.93	56181.89	56184.59375	56103.05191	56091.92188	504578.3	5409531.4
L4580.0	504578.3	5409530.0	1239.80005	247.41	44.5	48.838727	-86.937607	56311.03	56379.9	-129.93	56181.11	56183.86719	56102.16219	56091.13281	504578.3	5409530.0
L4580.0	504578.3	5409530.0	1239.90002	246.82	44.5	48.838727	-86.937607	56309.87	56379.9	-129.92	56179.95	56182.76172	56101.27580	56090.34375	504578.3	5409530.0
L4580.0	504578.3	5409528.4	1240.00000	247.43	46.96	48.838713	-86.937607	56308.96	56379.9	-129.91	56179.05	56181.91797	56100.34995	56089.51953	504578.3	5409528.4
L4580.0	504578.3	5409526.9	1240.09998	247.51	34.25	48.838700	-86.937607	56307.82	56379.9	-129.91	56177.91	56180.82813	56099.41785	56088.68750	504578.3	5409526.9
L4580.0	504578.3	5409526.9	1240.19995	247.53	34.25	48.838700	-86.937607	56306.21	56379.9	-129.91	56176.30	56179.26953	56098.49471	56087.86328	504578.3	5409526.9
L4580.0	504578.3	5409523.7	1240.30005	248.14	45.5	48.838670	-86.937607	56305.32	56379.9	-129.91	56175.41	56178.42969	56097.50108	56086.96875	504578.3	5409523.7
L4580.0	504578.3	5409523.7	1240.40002	247.98	45.5	48.838670	-86.937607	56303.56	56379.9	-129.91	56173.64	56176.71094	56096.54352	56086.10938	504578.3	5409523.7
L4580.0	504578.3	5409522.7	1240.50000	246.02	45.5	48.838661	-86.937607	56302.28	56379.9	-129.92	56172.36	56175.47656	56095.53058	56085.19531	504578.3	5409522.7
L4580.0	504578.3	5409521.5	1240.59998	246.26	47.89	48.838651	-86.937607	56301.19	56379.9	-129.92	56171.27	56174.43359	56094.48214	56084.24609	504578.3	5409521.5
L4580.0	504578.3	5409520.1	1240.69995	245.74	46.05	48.838638	-86.937607	56300.04	56379.9	-129.92	56170.12	56173.32813	56093.41475	56083.27734	504578.3	5409520.1
L4580.0	504578.3	5409520.1	1240.80005	246.69	47.86	48.838638	-86.937607	56298.70	56379.9	-129.92	56168.79	56172.03906	56092.33631	56082.29688	504578.3	5409520.1
L4580.0	504578.4	5409518.7	1240.90002	247.33	47.86	48.838625	-86.937606	56297.00	56379.9	-129.92	56167.08	56170.37109	56091.26004	56081.31641	504578.4	5409518.7
L4580.0	504578.4	5409517.2	1241.00000	248.57	47.86	48.838613	-86.937606	56295.88	56379.9	-129.92	56165.96	56169.29297	56090.12117	56080.27344	504578.4	5409517.2
L4580.0	504578.4	5409516.1	1241.09998	251.09	51.39	48.838602	-86.937606	56294.22	56379.9	-129.91	56164.31	56167.67969	56088.99426	56079.24219	504578.4	5409516.1
L4580.0	504578.4	5409514.6	1241.19995	252.08	51.61	48.838589	-86.937606	56292.73	56379.9	-129.90	56162.84	56166.24609	56087.83189	56078.17578	504578.4	5409514.6
L4580.0	504578.4	5409513.2	1241.30005	248.99	51.61	48.838576	-86.937606	56290.98	56379.9	-129.89	56161.09	56164.53125	56086.66464	56077.10547	504578.4	5409513.2
L4580.0	504578.4	5409513.2	1241.40002	248.00	52.03	48.838576	-86.937606	56289.60	56379.9	-129.88	56159.72	56163.19141	56085.44840	56075.98438	504578.4	5409513.2
L4580.0	504578.4	5409511.3	1241.50000	247.52	40.07	48.838560	-86.937606	56287.58	56379.9	-129.86	56157.72	56161.22266	56084.25045	56074.87891	504578.4	5409511.3
L4580.0	504578.4	5409509.5	1241.59998	247.45	40.07	48.838543	-86.937606	56286.20	56379.9	-129.85	56156.35	56159.87891	56082.98669	56073.70703	504578.4	5409509.5
L4580.0	504578.4	5409509.5	1241.69995	247.33	36.61	48.838543	-86.937606	56284.36	56379.8	-129.84	56154.52	56158.07422	56081.72974	56072.54297	504578.4	5409509.5
L4580.0	504578.4	5409508.1	1241.80005	244.97	36.61	48.838530	-86.937606	56282.61	56379.8	-129.83	56152.78	56156.35938	56080.44287	56071.34766	504578.4	5409508.1
L4580.0	504578.4	5409506.5	1241.90002	245.39	40.41	48.838516	-86.937606	56280.88	56379.8	-129.82	56151.06	56154.66016	56079.13070	56070.12500	504578.4	5409506.5
L4580.0	504578.4	5409505.1	1242.00000	245.29	50.96	48.838503	-86.937606	56278.82	56379.8	-129.81	56149.01	56152.62891	56077.81653	56068.89844	504578.4	5409505.1
L4580.0	504578.4	5409505.1	1242.09998	246.96	50.96	48.838503	-86.937606	56277.63	56379.8	-129.81	56147.82	56151.45703	56076.42100	56067.59375	504578.4	5409505.1
L4580.0	504578.4	5409503.3	1242.19995	246.15	51.72	48.838487	-86.937605	56275.06	56379.8	-129.80	56145.26	56148.91016	56075.09277	56066.35156	504578.4	5409503.3
L4580.0	504578.4	5409501.9	1242.30005	247.10	51.72	48.838475	-86.937605	56273.18	56379.8	-129.80	56143.39	56147.05078	56073.69451	56065.03906	504578.4	5409501.9
L4580.0	504578.4	5409501.9	1242.40002	246.14	52.32	48.838475	-86.937605	56271.25	56379.8	-129.79	56141.46	56145.12891	56072.27624	56063.70703	504578.4	5409501.9
L4580.0	504578.5	5409499.6	1242.50000	245.96	52.32	48.838454	-86.937605	56269.08	56379.8	-129.79	56139.29	56142.96484	56070.85000	56062.36328	504578.5	5409499.6
L4580.0	504578.5	5409499.6	1242.59998	246.28	52.46	48.838454	-86.937605	56267.50	56379.8	-129.79	56137.71	56141.38672	56069.36051	56060.95703	504578.5	5409499.6
L4580.0	504578.5	5409498.2	1242.69995	247.03	51.86	48.838441	-86.937605	56264.86	56379.8	-129.78	56135.08	56138.75781	56067.91719	56059.59766	504578.5	5409498.2
L4580.0	504578.5	5409496.8	1242.80005	248.08	49.48	48.838429	-86.937605	56262.81	56379.8	-129.78	56133.03	56136.70703	56066.41147	56058.17188	504578.5	5409496.8
L4580.0	504578.5	5409495.6	1242.90002	248.13	49.48	48.838418	-86.937605	56260.56	56379.8	-129.77	56130.79	56134.46094	56064.89481	56056.73438	504578.5	5409495.6
L4580.0	504578.5	5409494.2	1243.00000	249.35	49.99	48.838406	-86.937604	56258.11	56379.8	-129.77	56128.34	56132.00000	56063.36870	56055.28516	504578.5	5409494.2
L4580.0	504578.5	5409493.3	1243.09998	248.61	51.52	48.838397	-86.937604	56255.91	56379.8	-129.77	56126.14	56129.78906	56061.80264	56053.79297	504578.5	5409493.3
L4580.0	504578.5	5409491.9	1243.19995	248.04	52.28	48.838385	-86.937604	56252.83	56379.8	-129.76	56123.06	56126.69531	56060.27218	56052.33984	504578.5	5409491.9
L4580.0	504578.5	5409490.3	1243.30005	248.04	52.28	48.838370	-86.937604	56250.29	56379.8	-129.76	56120.53	56124.14844	56058.68222	56050.82031	504578.5	5409490.3
L4580.0	504578.5	5409490.3	1243.40002	248.87	48.28	48.838370	-86.937604	56247.90	56379.8	-129.76	56118.14	56121.73438	56057.06038	56049.26953	504578.5	5409490.3
L4580.0	504578.6	5409488.9	1243.50000	250.17	49.45	48.838358	-86.937604	56245.47	56379.8	-129.75	56115.72	56119.29297	56055.41829	56047.69922	504578.6	5409488.9
L4580.0	504578.6	5409487.7	1243.59998	249.32	49.89	48.838347	-86.937603	56242.44	56379.8	-129.75	56112.69	56116.23438	56053.79496	56046.14453	504578.6	5409487.7
L4580.0	504578.6	5409486.1	1243.69995	247.47	49.89	48.838332	-86.937603	56239.96	56379.7	-129.75	56110.21	56113.72266	56052.11344	56044.52734	504578.6	5409486.1
L4580.0	504578.6	5409484.6	1243.80005	246.79	52.61	48.838319	-86.937603	56236.44	56379.7	-129.75	56106.70	56110.17969	56050.47950	56042.96094	504578.6	5409484.6
L4580.0	504578.6	5409484.6	1243.90002	247.30	50.88	48.838319	-86.937603	56233.32	56379.7	-129.74	56103.58	56107.01953	56048.79893	56041.34375	504578.6	5409484.6
L4580.0	504578.7	5409482.5	1244.00000	247.56	50.88	48.838300	-86.937602	56230.68	56379.7	-129.74	56100.94	56104.33984	56047.06623	56039.67188	504578.7	5409482.5
L4580.0	504578.7	5409482.5	1244.09998	248.95	50.71	48.838300	-86.937602	56227.50	56379.7	-129.73	56097.77	56101.12500	56045.34932	56038.01563	504578.7	5409482.5
L4580.0	504578.7	5409481.0	1244.19995	247.78	51.31	48.838287	-86.937602	56223.66	56379.7	-129.72	56093.94	56097.24609	56043.65745	56036.37891	504578.7	5409481.0
L4580.0	504578.7	5409479.6	1244.30005	246.77	51.31	48.838274	-86.937602	56220.36	56379.7	-129.71	56090.65	56093.90234	56041.91127	56034.68750	504578.7	5409479.6
L4580.0	504578.7	5409478.3	1244.40002	246.24	52.4	48.838262	-86.937602	56216.82	56379.7	-129.70	56087.11	56090.30859	56040.16417	56032.99609	504578.7	5409478.3
L4580.0	504578.7	5409477.2	1244.50000	246.68	54.08	48.838252	-86.937602	56212.70	56379.7	-129.69	56083.00	56086.13672	56038.43823	56031.32422	504578.7	5409477.2
L4580.0	504578.8	5409475.3	1244.59998	246.86	49.44	48.838235	-86.937601	56209.46	56379.7	-129.69	56079.77	56082.84375	56036.63761	56029.57422	504578.8	5409475.3
L4580.0	504578.8	5409475.3	1244.69995	248.52	49.44	48.838235	-86.937601	56205.64	56379.7	-129.68	56075.96	56078.96875	56034.86049	56027.84375	504578.8	5409475.3
L4580.0	504578.8	5409474.1	1244.80005	246.69	49.44	48.838224	-86.937601	56201.33	56379.7	-129.67	56071.66	56074.59766	56033.10181	56026.13281	504578.8	5409474.1
L4580.0	504578.8	5409471.9	1244.90002	246.69	54.48	48.838205	-86.937601	56197.59	56379.7	-129.66	56067.93	56070.79297	56031.29188	56024.36719	504578.8	5409471.9
L4580.0	504578.8	5409470.5	1245.00000	246.76	55.43	48.838192	-86.937601	56193.24	56379.7	-129.65	56063.59	56066.37500	56029.51041	56022.62500	504578.8	5409470.5
L4580.0	504578.8	5409470.5	1245.09998	246.98	54.95	48.838192	-86.937601	56189.53	56379.6	-129.64	56059.89	56062.59375	56027.67516	56020.83203	504578.8	5409470.5
L4580.0	504578.8	5409468.9	1245.19995	245.75	54.95	48.838178	-86.937601	56184.86	56379.6	-129.63	56055.22	56057.83984	56025.89462	56019.08984	504578.8	5409468.9
L4580.0	504578.8	5409468.2	1245.30005	245.45	54.95	48.838172	-86.937601	56180.48	56379.6	-129.62	56050.86	56053.39063	56024.08469	56017.31641	504578.8	5409468.2
L4580.0	504578.8	5409465.8	1245.40002	244.12	50.72	48.838150	-86.937601	56175.57	56379.6	-129.61	56045.95	56048.38672	56022.30397	56015.56641	504578.8	5409465.8
L4580.0	504578.8	5409465.8	1245.50000	244.42	55.96	48.838150	-86.937601	56171.01	56379.6	-129.60	56041.40	56043.73828	56020.49313	56013.78906	504578.8	5409465.8
L4580.0	504578.8	5409464.1	1245.59998	245.23	55.96	48.838134	-86.937601	56166.23	56379.6	-129.60	56036.63	56038.87109	56018.69224	56012.01953	504578.8	5409464.1
L4580.0	504578.8	5409462.2	1245.69995	242.94	53.8	48.838117	-86.937601	56161.21	56379.6	-129.59	56031.63	56033.76563	56016.90341	56010.25781	504578.8	5409462.2
L4580.0	504578.8	5409462.2	1245.80005	242.90	53.8	48.838117	-86.937601	56156.17	56379.6	-129.58	56026.59	56028.61719	56015.11550	56008.49609	504578.8	5409462.2
L4580.0	504578.8	5409460.7	1245.90002	243.72	54.24	48.838104	-86.937602	56150.85	56379.6	-129.57	56021.28	56023.19531	56013.34540	56006.74609	504578.8	5409460.7
L4580.0	504578.7	5409459.2	1246.00000	244.19	54.24	48.838091	-86.937602	56145.43	56379.6	-129.56	56015.87	56017.66797	56011.58340	56005.00781	504578.7	5409459.2
L4580.0	504578.7	5409458.1	1246.09998	246.59	51.16	48.838081	-86.937602	56139.77	56379.6	-129.55	56010.21	56011.89063	56009.84119	56003.28516	504578.7	5409458.1
L4580.0	504578.7	5409456.7	1246.19995	246.13	51.16	48.838068	-86.937603	56134.13	56379.5	-129.54	56004.58	56006.13672	56008.10181	56001.56250	504578.7	5409456.7
L4580.0	504578.7	5409456.7	1246.30005	246.61	51.37	48.838068	-86.937603	56128.92	56379.5	-129.54	55999.38	56000.81250	56006.34038	55999.81250	504578.7	5409456.7
L4580.0	504578.6	5409455.0	1246.40002	247.50	54.04	48.838052	-86.937603	56122.62	56379.5	-129.53	55993.09	55994.39063	56004.66004	55998.14453	504578.6	5409455.0
L4580.0	504578.6	5409453.5	1246.50000	248.01	54.04	48.838040	-86.937604	56116.88	56379.5	-129.52	55987.36	55988.52734	56002.95265	55996.44922	504578.6	5409453.5
L4580.0	504578.6	5409451.8	1246.59998	247.17	54.63	48.838024	-86.937604	56111.27	56379.5	-129.51	55981.76	55982.79297	56001.24879	55994.75391	504578.6	5409451.8
L4580.0	504578.6	5409451.8	1246.69995	247.94	53.85	48.838024	-86.937604	56105.94	56379.5	-129.50	55976.44	55977.33203	55999.54037	55993.05078	504578.6	5409451.8
L4580.0	504578.5	5409449.9	1246.80005	249.97	53.85	48.838007	-86.937605	56099.81	56379.5	-129.50	55970.31	55971.05859	55997.90205	55991.41406	504578.5	5409449.9
L4580.0	504578.5	5409448.4	1246.90002	248.28	53.85	48.837994	-86.937605	56093.38	56379.5	-129.49	55963.89	55964.48828	55996.30112	55989.81641	504578.5	5409448.4
L4580.0	504578.5	5409447.0	1247.00000	247.96	49.26	48.837981	-86.937606	56087.56	56379.5	-129.48	55958.08	55958.52734	55994.67962	55988.19141	504578.5	5409447.0
L4580.0	504578.5	5409447.0	1247.09998	247.94	52.58	48.837981	-86.937606	56081.88	56379.5	-129.47	55952.41	55952.70313	55993.07091	55986.58203	504578.5	5409447.0
L4580.0	504578.4	5409445.6	1247.19995	249.08	49.33	48.837968	-86.937606	56075.90	56379.5	-129.46	55946.44	55946.57813	55991.50635	55985.01172	504578.4	5409445.6
L4580.0	504578.4	5409443.9	1247.30005	250.43	49.33	48.837953	-86.937607	56069.53	56379.4	-129.45	55940.08	55940.05859	55989.99401	55983.49219	504578.4	5409443.9
L4580.0	504578.4	5409443.9	1247.40002	249.22	51.01	48.837953	-86.937607	56063.81	56379.4	-129.44	55934.37	55934.18359	55988.46660	55981.95313	504578.4	5409443.9
L4580.0	504578.4	5409442.4	1247.50000	248.05	54.09	48.837940	-86.937607	56058.38	56379.4	-129.43	55928.95	55928.59766	55986.95017	55980.42578	504578.4	5409442.4
L4580.0	504578.4	5409440.9	1247.59998	247.52	54.09	48.837926	-86.937607	56052.48	56379.4	-129.41	55923.06	55922.53516	55985.49742	55978.96094	504578.4	5409440.9
L4580.0	504578.3	5409440.0	1247.69995	248.41	54.37	48.837918	-86.937607	56045.98	56379.4	-129.40	55916.57	55915.87500	55984.11907	55977.56641	504578.3	5409440.0
L4580.0	504578.3	5409438.4	1247.80005	248.99	52.59	48.837903	-86.937608	56040.11	56379.4	-129.39	55910.71	55909.83984	55982.73510	55976.16406	504578.3	5409438.4

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4580.0	504578.3	5409436.9	1247.90002	248.86	52.59	48.837890	-86.937608	56033.96	56379.4	-129.38	55904.58	55903.53125	55981.40751	55974.81641	504578.3	5409436.9
L4580.0	504578.3	5409435.7	1248.00000	247.90	51.27	48.837879	-86.937608	56028.62	56379.4	-129.37	55899.25	55898.01953	55980.06690	55973.45313	504578.3	5409435.7
L4580.0	504578.3	5409435.7	1248.09998	248.14	51.27	48.837879	-86.937608	56023.62	56379.4	-129.36	55894.26	55892.84375	55978.74587	55972.10547	504578.3	5409435.7
L4580.0	504578.3	5409434.3	1248.19995	248.07	54.51	48.837866	-86.937608	56018.58	56379.3	-129.35	55889.24	55887.64063	55977.47093	55970.80469	504578.3	5409434.3
L4580.0	504578.3	5409432.5	1248.30005	246.71	54.54	48.837851	-86.937609	56013.20	56379.3	-129.33	55883.86	55882.07031	55976.26592	55969.57422	504578.3	5409432.5
L4580.0	504578.3	5409431.1	1248.40002	246.15	54.54	48.837838	-86.937609	56008.34	56379.3	-129.32	55879.02	55877.03906	55975.07260	55968.34766	504578.3	5409431.1
L4580.0	504578.3	5409431.1	1248.50000	248.18	55.58	48.837838	-86.937609	56003.56	56379.3	-129.31	55874.25	55872.07422	55973.92400	55967.16797	504578.3	5409431.1
L4580.0	504578.3	5409429.5	1248.59998	249.85	55.58	48.837823	-86.937609	55998.63	56379.3	-129.30	55869.33	55866.96094	55972.83645	55966.04688	504578.3	5409429.5
L4580.0	504578.3	5409428.1	1248.69995	249.22	52.19	48.837811	-86.937609	55994.50	56379.3	-129.29	55865.21	55862.64453	55971.74816	55964.92188	504578.3	5409428.1
L4580.0	504578.3	5409426.4	1248.80005	250.06	53.21	48.837796	-86.937609	55990.02	56379.3	-129.27	55860.75	55857.98438	55970.73664	55963.87109	504578.3	5409426.4
L4580.0	504578.3	5409425.3	1248.90002	250.29	53.21	48.837785	-86.937609	55986.41	56379.3	-129.26	55857.14	55854.17188	55969.72396	55962.82031	504578.3	5409425.3
L4580.0	504578.3	5409425.3	1249.00000	250.33	53.95	48.837785	-86.937609	55981.81	56379.3	-129.25	55852.56	55849.38672	55968.83280	55961.88672	504578.3	5409425.3
L4580.0	504578.3	5409423.6	1249.09998	248.94	52.81	48.837770	-86.937609	55978.32	56379.2	-129.25	55849.07	55845.69141	55967.92705	55960.93750	504578.3	5409423.6
L4580.0	504578.3	5409422.0	1249.19995	248.26	52.81	48.837756	-86.937609	55975.02	56379.2	-129.24	55845.78	55842.19531	55967.06720	55960.03516	504578.3	5409422.0
L4580.0	504578.3	5409420.8	1249.30005	247.80	53.33	48.837745	-86.937609	55972.20	56379.2	-129.24	55842.96	55839.16797	55966.23630	55959.15625	504578.3	5409420.8
L4580.0	504578.3	5409419.3	1249.40002	249.85	54.44	48.837732	-86.937609	55970.04	56379.2	-129.23	55840.81	55836.80859	55965.42197	55958.29297	504578.3	5409419.3
L4580.0	504578.3	5409419.3	1249.50000	249.89	54.44	48.837732	-86.937609	55967.31	56379.2	-129.22	55838.08	55833.86719	55964.70840	55957.52734	504578.3	5409419.3
L4580.0	504578.3	5409416.8	1249.59998	248.68	52.93	48.837709	-86.937609	55965.64	56379.2	-129.22	55836.42	55831.99609	55963.98633	55956.75391	504578.3	5409416.8
L4580.0	504578.3	5409416.8	1249.69995	247.56	50.2	48.837709	-86.937609	55963.62	56379.2	-129.21	55834.41	55829.77344	55963.35107	55956.06641	504578.3	5409416.8
L4580.0	504578.3	5409415.6	1249.80005	247.07	50.2	48.837698	-86.937609	55961.46	56379.2	-129.21	55832.25	55827.39844	55962.78982	55955.44922	504578.3	5409415.6
L4580.0	504578.3	5409414.2	1249.90002	248.44	56.23	48.837686	-86.937609	55960.00	56379.2	-129.20	55830.79	55825.72266	55962.24635	55954.85156	504578.3	5409414.2
L4580.0	504578.3	5409412.8	1250.00000	248.50	57.19	48.837673	-86.937609	55958.98	56379.2	-129.20	55829.78	55824.49609	55961.73762	55954.28516	504578.3	5409412.8
L4580.0	504578.3	5409411.1	1250.09998	248.00	57.19	48.837658	-86.937608	55958.33	56379.2	-129.20	55829.14	55823.64063	55961.26919	55953.75781	504578.3	5409411.1
L4580.0	504578.3	5409411.1	1250.19995	247.11	57.55	48.837658	-86.937608	55957.98	56379.2	-129.19	55828.79	55823.07422	55960.84648	55953.27344	504578.3	5409411.1
L4580.0	504578.3	5409409.5	1250.30005	247.33	57.55	48.837643	-86.937608	55958.20	56379.2	-129.19	55829.01	55823.07813	55960.45082	55952.81641	504578.3	5409409.5
L4580.0	504578.3	5409407.8	1250.40002	246.70	55.01	48.837628	-86.937608	55957.72	56379.2	-129.18	55828.54	55822.38672	55960.16609	55952.46875	504578.3	5409407.8
L4580.0	504578.3	5409407.8	1250.50000	245.92	56.66	48.837628	-86.937608	55957.72	56379.2	-129.18	55828.54	55822.17188	55959.91472	55952.15234	504578.3	5409407.8
L4580.0	504578.3	5409406.4	1250.59998	247.52	56.66	48.837615	-86.937608	55958.48	56379.2	-129.18	55829.30	55822.71484	55959.67706	55951.85156	504578.3	5409406.4
L4580.0	504578.3	5409405.0	1250.69995	248.56	54.28	48.837603	-86.937608	55959.02	56379.2	-129.17	55829.84	55823.03516	55959.51800	55951.62500	504578.3	5409405.0
L4580.0	504578.3	5409403.6	1250.80005	248.96	54.28	48.837590	-86.937608	55960.50	56379.2	-129.17	55831.34	55824.32031	55959.35836	55951.39844	504578.3	5409403.6
L4580.0	504578.3	5409403.6	1250.90002	247.71	53.69	48.837590	-86.937608	55962.02	56379.2	-129.16	55832.86	55825.62109	55959.26017	55951.23047	504578.3	5409403.6
L4580.0	504578.4	5409402.1	1251.00000	246.87	54.93	48.837577	-86.937607	55963.49	56379.2	-129.16	55834.33	55826.87500	55959.22739	55951.12891	504578.4	5409402.1
L4580.0	504578.4	5409400.3	1251.09998	249.44	54.93	48.837560	-86.937607	55965.23	56379.2	-129.16	55836.08	55828.41016	55959.23721	55951.06641	504578.4	5409400.3
L4580.0	504578.4	5409398.8	1251.19995	246.87	51.41	48.837547	-86.937607	55968.09	56379.2	-129.15	55838.94	55831.05469	55959.23340	55950.99219	504578.4	5409398.8
L4580.0	504578.4	5409398.8	1251.30005	246.70	54.64	48.837547	-86.937607	55970.55	56379.1	-129.15	55841.40	55833.30078	55959.31567	55951.00391	504578.4	5409398.8
L4580.0	504578.4	5409397.4	1251.40002	246.60	54.64	48.837535	-86.937607	55972.37	56379.1	-129.14	55843.22	55834.90625	55959.49896	55951.11328	504578.4	5409397.4
L4580.0	504578.5	5409395.3	1251.50000	246.10	54.42	48.837516	-86.937606	55975.64	56379.1	-129.14	55846.50	55837.97266	55959.64216	55951.18359	504578.5	5409395.3
L4580.0	504578.5	5409394.1	1251.59998	246.17	54.52	48.837505	-86.937606	55978.44	56379.1	-129.14	55849.30	55840.56250	55959.87343	55951.33984	504578.5	5409394.1
L4580.0	504578.5	5409393.4	1251.69995	247.15	54.62	48.837499	-86.937606	55981.68	56379.1	-129.13	55852.55	55843.60547	55960.12952	55951.51953	504578.5	5409393.4
L4580.0	504578.5	5409392.0	1251.80005	247.15	54.62	48.837486	-86.937606	55985.72	56379.1	-129.13	55856.59	55847.43359	55960.38646	55951.70313	504578.5	5409392.0
L4580.0	504578.5	5409392.0	1251.90002	248.58	44.86	48.837486	-86.937606	55988.61	56379.1	-129.12	55859.48	55850.11719	55960.77225	55952.01172	504578.5	5409392.0
L4580.0	504578.5	5409390.4	1252.00000	248.31	50.86	48.837471	-86.937606	55992.18	56379.1	-129.12	55863.06	55853.49219	55961.16282	55952.32422	504578.5	5409390.4
L4580.0	504578.5	5409388.9	1252.09998	248.18	50.86	48.837458	-86.937605	55994.75	56379.1	-129.12	55865.63	55855.85938	55961.67008	55952.75391	504578.5	5409388.9
L4580.0	504578.5	5409387.3	1252.19995	249.23	49.85	48.837443	-86.937606	55997.69	56379.1	-129.12	55868.57	55858.59766	55962.20055	55953.20703	504578.5	5409387.3
L4580.0	504578.5	5409386.1	1252.30005	247.69	49.85	48.837433	-86.937606	56001.46	56379.1	-129.12	55872.34	55862.16797	55962.72208	55953.65234	504578.5	5409386.1
L4580.0	504578.5	5409386.1	1252.40002	246.21	48.96	48.837433	-86.937606	56005.23	56379.1	-129.12	55876.11	55865.73828	55963.28846	55954.14063	504578.5	5409386.1
L4580.0	504578.5	5409384.4	1252.50000	247.96	52.29	48.837418	-86.937606	56009.18	56379.1	-129.12	55880.06	55869.49219	55963.88617	55954.66016	504578.5	5409384.4
L4580.0	504578.5	5409382.8	1252.59998	246.07	52.29	48.837403	-86.937606	56012.54	56379.1	-129.11	55883.42	55872.66016	55964.56497	55955.25781	504578.5	5409382.8
L4580.0	504578.5	5409381.7	1252.69995	245.26	53.48	48.837393	-86.937606	56015.88	56379.1	-129.11	55886.76	55875.80859	55965.28529	55955.90234	504578.5	5409381.7
L4580.0	504578.5	5409380.5	1252.80005	245.51	53.48	48.837382	-86.937606	56019.77	56379.1	-129.11	55890.66	55879.51953	55966.00689	55956.54297	504578.5	5409380.5
L4580.0	504578.5	5409379.1	1252.90002	245.51	53.57	48.837370	-86.937607	56023.64	56379.1	-129.11	55894.53	55883.20313	55966.76752	55957.22656	504578.5	5409379.1
L4580.0	504578.5	5409379.1	1253.00000	246.96	53.97	48.837370	-86.937607	56027.84	56379.1	-129.11	55898.73	55887.21875	55967.54160	55957.92188	504578.5	5409379.1
L4580.0	504578.5	5409377.7	1253.09998	246.42	53.97	48.837357	-86.937607	56031.74	56379.1	-129.11	55902.63	55890.94141	55968.36957	55958.66797	504578.5	5409377.7
L4580.0	504578.4	5409376.0	1253.19995	245.84	51.29	48.837342	-86.937607	56035.00	56379.1	-129.11	55905.89	55894.02344	55969.27250	55959.49609	504578.4	5409376.0
L4580.0	504578.4	5409374.9	1253.30005	245.84	52.38	48.837332	-86.937607	56038.89	56379.1	-129.10	55909.79	55897.74609	55970.16353	55960.30859	504578.4	5409374.9
L4580.0	504578.4	5409374.9	1253.40002	248.62	53.28	48.837332	-86.937607	56042.84	56379.1	-129.10	55913.74	55901.52344	55971.08044	55961.14453	504578.4	5409374.9
L4580.0	504578.4	5409373.4	1253.50000	248.50	53.28	48.837319	-86.937607	56047.07	56379.1	-129.10	55917.97	55905.58594	55972.00637	55961.99219	504578.4	5409373.4
L4580.0	504578.4	5409371.6	1253.59998	248.67	53.62	48.837302	-86.937607	56051.04	56379.1	-129.10	55921.94	55909.39063	55972.97583	55962.88672	504578.4	5409371.6
L4580.0	504578.4	5409371.6	1253.69995	247.95	53.95	48.837302	-86.937607	56054.66	56379.1	-129.10	55925.56	55912.84766	55973.99332	55963.82422	504578.4	5409371.6
L4580.0	504578.4	5409369.7	1253.80005	247.07	54.07	48.837285	-86.937607	56058.09	56379.1	-129.09	55929.00	55916.12891	55975.04606	55964.80078	504578.4	5409369.7
L4580.0	504578.4	5409368.0	1253.90002	244.98	53.89	48.837270	-86.937607	56061.84	56379.1	-129.09	55932.74	55919.71484	55976.10061	55965.77734	504578.4	5409368.0
L4580.0	504578.4	5409368.0	1254.00000	244.94	53.89	48.837270	-86.937607	56065.43	56379.1	-129.09	55936.34	55923.16016	55977.18491	55966.78906	504578.4	5409368.0
L4580.0	504578.4	5409366.4	1254.09998	242.63	53.92	48.837256	-86.937607	56069.05	56379.1	-129.09	55939.96	55926.63281	55978.28692	55967.81250	504578.4	5409366.4
L4580.0	504578.4	5409365.0	1254.19995	243.88	54.01	48.837243	-86.937607	56072.89	56379.1	-129.08	55943.81	55930.33984	55979.39130	55968.84375	504578.4	5409365.0
L4580.0	504578.4	5409363.6	1254.30005	244.09	45.07	48.837230	-86.937607	56076.31	56379.1	-129.08	55947.23	55933.61719	55980.54074	55969.91797	504578.4	5409363.6
L4580.0	504578.4	5409363.6	1254.40002	245.62	47.23	48.837230	-86.937607	56079.90	56379.1	-129.07	55950.82	55937.07031	55981.69396	55970.99609	504578.4	5409363.6
L4580.0	504578.4	5409361.9	1254.50000	247.43	52.67	48.837215	-86.937607	56083.56	56379.1	-129.07	55954.49	55940.60547	55982.85573	55972.08594	504578.4	5409361.9
L4580.0	504578.5	5409360.5	1254.59998	248.73	52.67	48.837203	-86.937607	56087.16	56379.1	-129.07	55958.09	55944.07422	55984.03484	55973.19141	504578.5	5409360.5
L4580.0	504578.5	5409359.1	1254.69995	248.86	52.93	48.837190	-86.937607	56090.29	56379.1	-129.06	55961.23	55947.08984	55985.25612	55974.34375	504578.5	5409359.1
L4580.0	504578.5	5409358.1	1254.80005	248.80	54.13	48.837181	-86.937607	56093.64	56379.1	-129.06	55964.58	55950.31641	55986.47377	55975.48828	504578.5	5409358.1
L4580.0	504578.5	5409356.7	1254.90002	249.06	54.13	48.837168	-86.937607	56097.05	56379.1	-129.05	55967.99	55953.60938	55987.69669	55976.64453	504578.5	5409356.7
L4580.0	504578.5	5409355.1	1255.00000	249.92	54.44	48.837154	-86.937606	56100.21	56379.1	-129.05	55971.16	55956.66406	55988.94384	55977.82031	504578.5	5409355.1
L4580.0	504578.5	5409354.4	1255.09998	251.84	54.55	48.837148	-86.937606	56103.37	56379	-129.05	55974.32	55959.71484	55990.19885	55979.00781	504578.5	5409354.4
L4580.0	504578.5	5409353.0	1255.19995	251.51	54.16	48.837135	-86.937606	56106.61	56379	-129.04	55977.56	55962.84766	55991.45473	55980.19531	504578.5	5409353.0
L4580.0	504578.5	5409351.6	1255.30005	250.23	53.87	48.837122	-86.937606	56109.34	56379	-129.04	55980.31	55965.49609	55992.74855	55981.42578	504578.5	5409351.6
L4580.0	504578.5	5409351.6	1255.40002	247.69	53.87	48.837122	-86.937606	56112.20	56379	-129.03	55983.17	55968.25781	55994.03939	55982.64844	504578.5	5409351.6
L4580.0	504578.5	5409350.2	1255.50000	247.73	55.24	48.837110	-86.937606	56115.84	56379	-129.03	55986.81	55971.80078	55995.28170	55983.82813	504578.5	5409350.2
L4580.0	504578.5	5409348.7	1255.59998	247.07	54.62	48.837097	-86.937606	56118.68	56379	-129.03	55989.65	55974.55469	55996.57998	55985.06250	504578.5	5409348.7
L4580.0	504578.5	5409348.7	1255.69995	247.62	54.96	48.837097	-86.937606	56121.86	56379	-129.02	55992.84	55977.65625	55997.85676	55986.27734	504578.5	5409348.7
L4580.0	504578.5	5409345.9	1255.80005	248.72	52.18	48.837071	-86.937606	56124.62	56379	-129.02	55995.60	55980.33594	55999.16327	55987.52344	504578.5	5409345.9
L4580.0	504578.5	5409344.9	1255.90002	246.30	52.18	48.837062	-86.937606	56127.20	56379	-129.01	55998.19	55982.84766	56000.48145	55988.78125	504578.5	5409344.9
L4580.0	504578.5	5409344.9	1256.00000	247.01	51.55	48.837062	-86.937606	56130.48	56379	-129.01	56001.47	55986.05469	56001.75325	55989.99609	504578.5	5409344.9
L4580.0	504578.5	5409343.2	1256.09998	247.48	53.52	48.837047	-86.937606	56133.18	56379	-129.00	56004.18	55988.69922	56003.06201	55991.24609	504578.5	5409343.2
L4580.0	504578.6	5409342.1	1256.19995	249.28	53.52	48.837037	-86.937605	56136.22	56379	-128.98	56007.24	55991.69141	56004.34575	55992.47656	504578.6	5409342.1
L4580.0	504578.6	5409340.6	1256.30005	248.30	52.51	48.837024	-86.937605	56138.66	56379	-128.97	56009.69	55994.08203	56005.66788	55993.74219	504578.6	5409340.6
L4580.0	504578.6	5409339.5	1256.40002	247.39	52.3	48.837013	-86.937605	56141.00	56379	-128.95	56012.05	55996.38672	56006.99316	55995.01563	504578.6	5409339.5
L4580.0	504578.6	5409338.0	1256.50000	247.49	52.3	48.837001	-86.937605	56143.32	56378.9	-128.94	56014.38	55998.66406	56008.31703	55996.28516	504578.6	5409338.0
L4580.0	504578.6	5409336.6	1256.59998	244.43	52.98	48.836988	-86.937605	56145.64	56378.9	-128.93	56016.72	56000.95703	56009.63632	55997.55469	504578.6	5409336.6
L4580.0	504578.6	5409336.6	1256.69995	244.93	48.47	48.836988	-86.937605	56148.42	56378.9	-128.91	56019.51	56003.70313	56010.92121	55998.78906	504578.6	5409336.6
L4580.0	504578.6	5409335.2	1256.80005	245.93	45.24	48.836975	-86.937604	56151.05	56378.9	-128.90	56022.15	56006.30469	56012.21123	56000.03125	504578.6	5409335.2
L4580.0	504578.7	5409333.8	1256.90002	245.87	45.24	48.836962	-86.937604	56153.11	56378.9	-128.88	56024.22	56008.33984	56013.53395	56001.30859	504578.7	5409333.8
L4580.0	504578.7	5409332.3	1257.00000	246.44	51.98	48.836949	-86.937604	56155.70	56378.9	-128.87	56026.83	56010.91797	56014.81497	56002.54297	504578.7	5409332.3
L4580.0	504578.7	5409332.3	1257.09998	247.65	51.98	48.836949	-86.937604	56157.91	56378.9	-128.87	56029.04	56013.10156	56016.11657	56003.80078	504578.7	5409332.3

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4580.0	504578.7	5409330.7	1257.19995	246.76	52.54	48.836934	-86.937604	56160.18	56378.9	-128.87	56031.31	56015.35156	56017.40771	56005.05078	504578.7	5409330.7
L4580.0	504578.7	5409329.5	1257.30005	246.75	54.59	48.836924	-86.937603	56162.43	56378.9	-128.87	56033.56	56017.58203	56018.69341	56006.29688	504578.7	5409329.5
L4580.0	504578.7	5409328.1	1257.40002	246.67	54.59	48.836911	-86.937603	56164.84	56378.9	-128.87	56035.97	56019.97656	56019.96133	56007.52344	504578.7	5409328.1
L4580.0	504578.8	5409326.6	1257.50000	246.91	52.79	48.836898	-86.937603	56166.46	56378.9	-128.87	56037.59	56021.58594	56021.27452	56008.80078	504578.8	5409326.6
L4580.0	504578.8	5409326.6	1257.59998	248.21	52.23	48.836898	-86.937603	56168.48	56378.9	-128.87	56039.61	56023.59766	56022.55337	56010.04297	504578.8	5409326.6
L4580.0	504578.8	5409324.7	1257.69995	248.00	52.23	48.836881	-86.937603	56170.78	56378.9	-128.87	56041.91	56025.89844	56023.80562	56011.25781	504578.8	5409324.7
L4580.0	504578.8	5409323.5	1257.80005	248.90	50.19	48.836870	-86.937602	56172.96	56378.9	-128.87	56044.09	56028.07813	56025.05770	56012.47656	504578.8	5409323.5
L4580.0	504578.8	5409322.1	1257.90002	249.50	50.57	48.836857	-86.937602	56175.14	56378.9	-128.87	56046.27	56030.26172	56026.30140	56013.68750	504578.8	5409322.1
L4580.0	504578.9	5409320.6	1258.00000	248.82	47.31	48.836844	-86.937602	56177.31	56378.9	-128.87	56048.44	56032.44141	56027.53717	56014.89453	504578.9	5409320.6
L4580.0	504578.9	5409319.2	1258.09998	248.81	47.31	48.836831	-86.937601	56178.84	56378.9	-128.86	56049.98	56033.99609	56028.80616	56016.13281	504578.9	5409319.2
L4580.0	504578.9	5409319.2	1258.19995	248.80	52.09	48.836831	-86.937601	56180.95	56378.9	-128.86	56052.10	56036.12891	56030.02752	56017.32813	504578.9	5409319.2
L4580.0	504578.9	5409317.0	1258.30005	248.43	53.26	48.836812	-86.937601	56182.64	56378.9	-128.85	56053.79	56037.83984	56031.26843	56018.53906	504578.9	5409317.0
L4580.0	504578.9	5409317.0	1258.40002	248.45	52.38	48.836812	-86.937601	56185.04	56378.8	-128.85	56056.20	56040.27344	56032.45208	56019.69922	504578.9	5409317.0
L4580.0	504579.0	5409315.4	1258.50000	246.85	52.38	48.836797	-86.937600	56186.88	56378.8	-128.84	56058.04	56042.14063	56033.66434	56020.89063	504579.0	5409315.4
L4580.0	504579.0	5409313.5	1258.59998	245.98	53.44	48.836780	-86.937600	56187.90	56378.8	-128.83	56059.07	56043.20313	56034.92107	56022.12500	504579.0	5409313.5
L4580.0	504579.0	5409313.5	1258.69995	247.08	54.53	48.836780	-86.937600	56189.96	56378.8	-128.83	56061.13	56045.29688	56036.09950	56023.28125	504579.0	5409313.5
L4580.0	504579.0	5409312.1	1258.80005	246.38	54.36	48.836767	-86.937599	56191.27	56378.8	-128.82	56062.44	56046.64453	56037.31820	56024.48047	504579.0	5409312.1
L4580.0	504579.0	5409310.9	1258.90002	244.65	54.36	48.836756	-86.937599	56193.14	56378.8	-128.82	56064.33	56048.57422	56038.48841	56025.63281	504579.0	5409310.9
L4580.0	504579.1	5409309.2	1259.00000	244.65	56.64	48.836741	-86.937599	56195.14	56378.8	-128.81	56066.33	56050.61719	56039.64137	56026.77344	504579.1	5409309.2
L4580.0	504579.1	5409308.0	1259.09998	244.33	56.64	48.836731	-86.937599	56196.98	56378.8	-128.81	56068.17	56052.50391	56040.79503	56027.91016	504579.1	5409308.0
L4580.0	504579.1	5409306.6	1259.19995	243.69	55.69	48.836717	-86.937599	56198.98	56378.8	-128.81	56070.17	56054.55469	56041.92797	56029.03125	504579.1	5409306.6
L4580.0	504579.1	5409306.6	1259.30005	243.95	55.43	48.836717	-86.937599	56200.30	56378.8	-128.81	56071.49	56055.92969	56043.09614	56030.18750	504579.1	5409306.6
L4580.0	504579.1	5409304.5	1259.40002	244.05	55.43	48.836698	-86.937599	56202.09	56378.8	-128.81	56073.29	56057.78516	56044.22216	56031.30469	504579.1	5409304.5
L4580.0	504579.0	5409303.0	1259.50000	244.08	53.68	48.836686	-86.937599	56203.26	56378.8	-128.81	56074.45	56059.00391	56045.38065	56032.45313	504579.0	5409303.0
L4580.0	504579.0	5409303.0	1259.59998	245.99	53.1	48.836686	-86.937599	56205.09	56378.8	-128.80	56076.29	56060.90625	56046.48358	56033.55078	504579.0	5409303.0
L4580.0	504579.0	5409301.6	1259.69995	246.27	55.88	48.836673	-86.937599	56206.79	56378.8	-128.80	56077.99	56062.67188	56047.58557	56034.64844	504579.0	5409301.6
L4580.0	504579.0	5409300.2	1259.80005	246.22	59.16	48.836660	-86.937600	56208.09	56378.8	-128.80	56079.28	56064.02734	56048.70460	56035.76172	504579.0	5409300.2
L4580.0	504579.0	5409299.0	1259.90002	247.46	47.34	48.836649	-86.937600	56209.36	56378.8	-128.80	56080.56	56065.37891	56049.81399	56036.86719	504579.0	5409299.0
L4580.0	504579.0	5409297.8	1260.00000	245.56	47.34	48.836638	-86.937600	56211.13	56378.8	-128.80	56082.32	56067.21094	56050.88105	56037.93359	504579.0	5409297.8
L4580.0	504579.0	5409296.6	1260.09998	246.84	47.08	48.836628	-86.937601	56212.70	56378.8	-128.80	56083.90	56068.86719	56051.94977	56039.00391	504579.0	5409296.6
L4580.0	504579.0	5409296.6	1260.19995	246.63	48.36	48.836628	-86.937601	56214.64	56378.8	-128.79	56085.85	56070.89453	56052.98348	56040.03906	504579.0	5409296.6
L4580.0	504578.9	5409293.5	1260.30005	246.73	58.9	48.836599	-86.937601	56215.42	56378.8	-128.79	56086.63	56071.75391	56054.08485	56041.14063	504578.9	5409293.5
L4580.0	504578.9	5409293.5	1260.40002	246.84	58.9	48.836599	-86.937601	56216.63	56378.8	-128.78	56087.85	56073.05859	56055.14653	56042.20703	504578.9	5409293.5
L4580.0	504578.9	5409292.3	1260.50000	246.52	59.03	48.836589	-86.937601	56217.94	56378.8	-128.78	56089.16	56074.45313	56056.19187	56043.25781	504578.9	5409292.3
L4580.0	504578.9	5409290.8	1260.59998	247.30	59.38	48.836576	-86.937602	56219.36	56378.8	-128.78	56090.58	56075.96094	56057.21954	56044.29297	504578.9	5409290.8
L4580.0	504578.9	5409289.4	1260.69995	249.54	59.38	48.836563	-86.937602	56221.41	56378.8	-128.77	56092.64	56078.10938	56058.19423	56045.27344	504578.9	5409289.4
L4580.0	504578.8	5409287.9	1260.80005	250.66	58.83	48.836550	-86.937602	56222.31	56378.8	-128.77	56093.54	56079.09766	56059.23594	56046.32422	504578.8	5409287.9
L4580.0	504578.8	5409287.9	1260.90002	250.49	56.62	48.836550	-86.937602	56223.75	56378.8	-128.76	56094.99	56080.64063	56060.23070	56047.33203	504578.8	5409287.9
L4580.0	504578.8	5409286.5	1261.00000	248.80	56.5	48.836537	-86.937603	56225.08	56378.8	-128.76	56096.32	56082.06641	56061.22320	56048.33594	504578.8	5409286.5
L4580.0	504578.8	5409285.3	1261.09998	250.31	59.2	48.836526	-86.937603	56226.33	56378.8	-128.75	56097.58	56083.42578	56062.21011	56049.33594	504578.8	5409285.3
L4580.0	504578.8	5409283.9	1261.19995	248.94	59.2	48.836513	-86.937603	56227.96	56378.7	-128.75	56099.22	56085.16406	56063.16148	56050.30078	504578.8	5409283.9
L4580.0	504578.8	5409282.6	1261.30005	248.00	56.66	48.836502	-86.937603	56229.46	56378.7	-128.74	56100.72	56086.76172	56064.11199	56051.26563	504578.8	5409282.6
L4580.0	504578.8	5409281.7	1261.40002	247.56	56.66	48.836493	-86.937604	56230.46	56378.7	-128.74	56101.72	56087.86328	56065.08568	56052.25781	504578.8	5409281.7
L4580.0	504578.7	5409280.0	1261.50000	245.63	55.8	48.836479	-86.937604	56231.06	56378.7	-128.73	56102.33	56088.57813	56066.07525	56053.26563	504578.7	5409280.0
L4580.0	504578.7	5409279.1	1261.59998	244.49	55.29	48.836470	-86.937604	56232.82	56378.7	-128.72	56104.10	56090.45313	56066.97740	56054.18359	504578.7	5409279.1
L4580.0	504578.7	5409277.6	1261.69995	244.40	55.29	48.836457	-86.937604	56233.74	56378.7	-128.72	56105.02	56091.47656	56067.92616	56055.15234	504578.7	5409277.6
L4580.0	504578.7	5409277.6	1261.80005	243.14	54.78	48.836457	-86.937604	56234.88	56378.7	-128.71	56106.17	56092.73438	56068.84959	56056.09766	504578.7	5409277.6
L4580.0	504578.7	5409276.2	1261.90002	243.60	54.65	48.836444	-86.937605	56235.70	56378.7	-128.71	56106.99	56093.66406	56069.78506	56057.05469	504578.7	5409276.2
L4580.0	504578.7	5409275.0	1262.00000	244.43	56.82	48.836433	-86.937605	56236.59	56378.7	-128.70	56107.89	56094.67578	56070.70527	56058.00000	504578.7	5409275.0
L4580.0	504578.6	5409272.4	1262.09998	244.96	56.82	48.836410	-86.937605	56237.87	56378.7	-128.69	56109.17	56096.06641	56071.59028	56058.91016	504578.6	5409272.4
L4580.0	504578.6	5409272.4	1262.19995	244.44	58.15	48.836410	-86.937605	56238.87	56378.7	-128.69	56110.18	56097.18750	56072.48346	56059.82813	504578.6	5409272.4
L4580.0	504578.6	5409271.0	1262.30005	246.99	56.97	48.836397	-86.937606	56240.27	56378.7	-128.68	56111.59	56098.71094	56073.34020	56060.71094	504578.6	5409271.0
L4580.0	504578.6	5409269.5	1262.40002	246.40	56.97	48.836384	-86.937606	56241.13	56378.7	-128.67	56112.46	56099.69531	56074.22322	56061.62109	504578.6	5409269.5
L4580.0	504578.6	5409269.5	1262.50000	245.20	57.4	48.836384	-86.937606	56242.48	56378.7	-128.67	56113.82	56101.17188	56075.06390	56062.48828	504578.6	5409269.5
L4580.0	504578.6	5409268.1	1262.59998	246.60	57.97	48.836371	-86.937606	56243.40	56378.7	-128.66	56114.74	56102.20703	56075.92429	56063.37891	504578.6	5409268.1
L4580.0	504578.5	5409266.7	1262.69995	247.75	57.71	48.836359	-86.937607	56245.14	56378.7	-128.65	56116.49	56104.07422	56076.71978	56064.20313	504578.5	5409266.7
L4580.0	504578.5	5409266.7	1262.80005	252.02	57.71	48.836359	-86.937607	56245.73	56378.6	-128.64	56117.08	56104.78125	56077.58311	56065.09766	504578.5	5409266.7
L4580.0	504578.5	5409264.6	1262.90002	251.12	58.5	48.836340	-86.937607	56246.26	56378.6	-128.64	56117.63	56105.44922	56078.43965	56065.98438	504578.5	5409264.6
L4580.0	504578.5	5409263.4	1263.00000	251.54	58.5	48.836329	-86.937607	56247.19	56378.6	-128.63	56118.56	56106.49609	56079.26147	56066.83984	504578.5	5409263.4
L4580.0	504578.5	5409262.0	1263.09998	251.77	59.13	48.836316	-86.937607	56248.12	56378.6	-128.62	56119.51	56107.56641	56080.07262	56067.68359	504578.5	5409262.0
L4580.0	504578.5	5409260.6	1263.19995	251.56	59.53	48.836304	-86.937607	56249.59	56378.6	-128.60	56120.98	56109.15625	56080.83984	56068.48438	504578.5	5409260.6
L4580.0	504578.5	5409259.8	1263.30005	251.56	59.53	48.836297	-86.937607	56250.62	56378.6	-128.59	56122.03	56110.32813	56081.62585	56069.30469	504578.5	5409259.8
L4580.0	504578.5	5409258.1	1263.40002	248.29	58.98	48.836281	-86.937608	56251.34	56378.6	-128.57	56122.77	56111.18750	56082.42339	56070.13672	504578.5	5409258.1
L4580.0	504578.5	5409256.7	1263.50000	246.24	59.37	48.836269	-86.937608	56252.09	56378.6	-128.56	56123.53	56112.07031	56083.21052	56070.96094	504578.5	5409256.7
L4580.0	504578.4	5409255.3	1263.59998	244.95	59.06	48.836256	-86.937608	56252.69	56378.5	-128.55	56124.15	56112.81250	56083.99796	56071.78516	504578.4	5409255.3
L4580.0	504578.4	5409255.3	1263.69995	245.43	59.06	48.836256	-86.937608	56253.49	56378.5	-128.53	56124.96	56113.74609	56084.76380	56072.58984	504578.4	5409255.3
L4580.0	504578.4	5409253.2	1263.80005	245.18	58.98	48.836237	-86.937608	56254.18	56378.5	-128.52	56125.66	56114.56641	56085.52808	56073.39063	504578.4	5409253.2
L4580.0	504578.4	5409251.9	1263.90002	244.19	59.35	48.836226	-86.937608	56254.66	56378.5	-128.50	56126.16	56115.19141	56086.29689	56074.19922	504578.4	5409251.9
L4580.0	504578.4	5409251.9	1264.00000	243.72	60.39	48.836226	-86.937608	56255.86	56378.5	-128.49	56127.37	56116.52344	56087.00963	56074.95313	504578.4	5409251.9
L4580.0	504578.4	5409250.6	1264.09998	243.65	60.39	48.836214	-86.937608	56256.81	56378.5	-128.49	56128.32	56117.59766	56087.73102	56075.71484	504578.4	5409250.6
L4580.0	504578.4	5409248.9	1264.19995	243.48	59.49	48.836199	-86.937609	56257.98	56378.5	-128.49	56129.49	56118.89063	56088.42914	56076.45313	504578.4	5409248.9
L4580.0	504578.4	5409248.0	1264.30005	243.00	59.49	48.836190	-86.937609	56259.13	56378.5	-128.49	56130.65	56120.17188	56089.11941	56077.18359	504578.4	5409248.0
L4580.0	504578.4	5409246.8	1264.40002	244.29	56.62	48.836180	-86.937609	56259.62	56378.5	-128.49	56131.13	56120.77734	56089.84654	56077.95313	504578.4	5409246.8
L4580.0	504578.4	5409245.4	1264.50000	244.23	58.91	48.836167	-86.937609	56260.53	56378.5	-128.49	56132.04	56121.80859	56090.53663	56078.68359	504578.4	5409245.4
L4580.0	504578.4	5409244.3	1264.59998	243.26	58.91	48.836157	-86.937609	56261.19	56378.5	-128.48	56132.71	56122.60547	56091.23441	56079.42578	504578.4	5409244.3
L4580.0	504578.4	5409242.8	1264.69995	245.23	59.15	48.836144	-86.937609	56261.94	56378.5	-128.48	56133.46	56123.47656	56091.91863	56080.15234	504578.4	5409242.8
L4580.0	504578.4	5409241.7	1264.80005	245.81	60.84	48.836133	-86.937609	56262.65	56378.5	-128.48	56134.17	56124.31250	56092.59735	56080.87500	504578.4	5409241.7
L4580.0	504578.4	5409241.7	1264.90002	247.46	61.11	48.836133	-86.937609	56263.11	56378.5	-128.48	56134.63	56124.89453	56093.28466	56081.60938	504578.4	5409241.7
L4580.0	504578.4	5409239.3	1265.00000	248.55	61.11	48.836112	-86.937609	56263.74	56378.5	-128.48	56135.26	56125.64844	56093.95264	56082.32031	504578.4	5409239.3
L4580.0	504578.4	5409239.3	1265.09998	247.96	61.09	48.836112	-86.937609	56264.77	56378.5	-128.47	56136.30	56126.81250	56094.58536	56083.00000	504578.4	5409239.3
L4580.0	504578.4	5409238.0	1265.19995	246.80	60.44	48.836101	-86.937609	56265.23	56378.5	-128.46	56136.76	56127.39453	56095.24890	56083.70703	504578.4	5409238.0
L4580.0	504578.4	5409235.9	1265.30005	246.22	59.87	48.836081	-86.937609	56265.94	56378.5	-128.46	56137.48	56128.23828	56095.88735	56084.39063	504578.4	5409235.9
L4580.0	504578.4	5409235.9	1265.40002	246.25	59.87	48.836081	-86.937609	56266.98	56378.4	-128.45	56138.53	56129.41406	56096.49611	56085.04688	504578.4	5409235.9
L4580.0	504578.4	5409234.3	1265.50000	246.75	59.58	48.836067	-86.937609	56266.94	56378.4	-128.44	56138.50	56129.50781	56097.16928	56085.76563	504578.4	5409234.3
L4580.0	504578.4	5409233.0	1265.59998	247.32	59.66	48.836056	-86.937609	56267.97	56378.4	-128.43	56139.54	56130.66797	56097.76359	56086.40625	504578.4	5409233.0
L4580.0	504578.4	5409231.7	1265.69995	246.86	59.66	48.836044	-86.937609	56268.52	56378.4	-128.42	56140.10	56131.35156	56098.38246	56087.07422	504578.4	5409231.7
L4580.0	504578.4	5409229.8	1265.80005	247.38	60.98	48.836027	-86.937609	56268.98	56378.4	-128.42	56140.56	56131.93359	56099.00064	56087.73828	504578.4	5409229.8
L4580.0	504578.4	5409229.8	1265.90002	246.36	59.87	48.836027	-86.937609	56269.98	56378.4	-128.41	56141.57	56133.06641	56099.57488	56088.36328	504578.4	5409229.8
L4580.0	504578.4	5409228.5	1266.00000	246.11	59.87	48.836015	-86.937609	56270.22	56378.4	-128.40	56141.82	56133.44141	56100.19259	56089.02734	504578.4	5409228.5
L4580.0	504578.4	5409226.9	1266.09998	246.30	59.12	48.836001	-86.937609	56270.99	56378.4	-128.39	56142.60	56134.34375	56100.76785	56089.65234	504578.4	5409226.9
L4580.0	504578.4	5409225.6	1266.19995	244.08	58.92	48.835989	-86.937609	56271.15	56378.4	-128.39	56142.76	56134.62500	56101.37741	56090.30859	504578.4	5409225.6
L4580.0	504578.4	5409224.6	1266.30005	244.42	58.92	48.835980	-86.937609	56271.78	56378.4	-128.38	56143.40	56135.38672	56101.94800	56090.92969	504578.4	5409224.6
L4580.0	504578.4	5409223.4	1266.40002	246.06	58.21	48.835969	-86.937609	56272.47	56378.4	-128.38	56144.09	56136.19922	56102.50838	56091.53906	504578.4	5409223.4

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4580.0	504578.4	5409222.2	1266.50000	246.40	57.73	48.835958	-86.937609	56273.52	56378.4	-128.37	56145.15	56137.38281	56103.03727	56092.11719	504578.4	5409222.2
L4580.0	504578.4	5409222.2	1266.59998	247.04	52.34	48.835958	-86.937609	56273.70	56378.4	-128.36	56145.33	56137.68359	56103.61809	56092.74609	504578.4	5409222.2
L4580.0	504578.4	5409220.6	1266.69995	246.66	57.42	48.835944	-86.937609	56274.04	56378.4	-128.36	56145.68	56138.15234	56104.18091	56093.35938	504578.4	5409220.6
L4580.0	504578.4	5409219.0	1266.80005	246.64	57.42	48.835929	-86.937609	56274.49	56378.4	-128.35	56146.14	56138.73438	56104.72979	56093.95703	504578.4	5409219.0
L4580.0	504578.4	5409217.6	1266.90002	246.45	53.88	48.835917	-86.937609	56274.90	56378.3	-128.35	56146.55	56139.26563	56105.27547	56094.55469	504578.4	5409217.6
L4580.0	504578.4	5409216.9	1267.00000	246.49	57.11	48.835911	-86.937609	56275.15	56378.3	-128.34	56146.81	56139.64844	56105.82467	56095.15234	504578.4	5409216.9
L4580.0	504578.4	5409215.4	1267.09998	247.04	57.11	48.835897	-86.937609	56275.16	56378.3	-128.33	56146.83	56139.78906	56106.38344	56095.76172	504578.4	5409215.4
L4580.0	504578.4	5409215.4	1267.19995	245.81	59.67	48.835897	-86.937609	56276.09	56378.3	-128.31	56147.78	56140.85938	56106.87385	56096.30469	504578.4	5409215.4
L4580.0	504578.4	5409212.9	1267.30005	245.53	59.67	48.835875	-86.937609	56277.53	56378.3	-128.30	56149.23	56142.42969	56107.32461	56096.80469	504578.4	5409212.9
L4580.0	504578.4	5409212.9	1267.40002	244.86	59.26	48.835875	-86.937609	56277.88	56378.3	-128.28	56149.60	56142.92188	56107.84110	56097.37109	504578.4	5409212.9
L4580.0	504578.4	5409210.5	1267.50000	245.33	56.56	48.835853	-86.937609	56278.61	56378.3	-128.27	56150.34	56143.78125	56108.32670	56097.90625	504578.4	5409210.5
L4580.0	504578.4	5409210.5	1267.59998	245.60	55.6	48.835853	-86.937609	56278.80	56378.3	-128.26	56150.54	56144.10156	56108.84212	56098.47266	504578.4	5409210.5
L4580.0	504578.4	5409209.1	1267.69995	245.39	53.28	48.835840	-86.937609	56279.12	56378.2	-128.24	56150.88	56144.56250	56109.34204	56099.02344	504578.4	5409209.1
L4580.0	504578.4	5409207.6	1267.80005	248.64	53.28	48.835827	-86.937609	56279.98	56378.2	-128.23	56151.75	56145.55078	56109.80052	56099.53516	504578.4	5409207.6
L4580.0	504578.4	5409206.9	1267.90002	249.36	53.95	48.835821	-86.937609	56280.13	56378.2	-128.21	56151.92	56145.83984	56110.29957	56100.08594	504578.4	5409206.9
L4580.0	504578.4	5409205.5	1268.00000	247.81	46.87	48.835808	-86.937609	56280.69	56378.2	-128.20	56152.49	56146.53125	56110.76589	56100.60156	504578.4	5409205.5
L4580.0	504578.4	5409204.1	1268.09998	246.75	46.87	48.835795	-86.937609	56281.62	56378.2	-128.19	56153.43	56147.58984	56111.20149	56101.08984	504578.4	5409204.1
L4580.0	504578.4	5409203.0	1268.19995	248.19	50.25	48.835786	-86.937609	56282.36	56378.2	-128.18	56154.17	56148.44922	56111.64438	56101.58203	504578.4	5409203.0
L4580.0	504578.4	5409201.4	1268.30005	249.74	58.77	48.835772	-86.937609	56282.32	56378.2	-128.17	56154.15	56148.55078	56112.13192	56102.12109	504578.4	5409201.4
L4580.0	504578.4	5409200.0	1268.40002	250.55	59.81	48.835758	-86.937609	56282.53	56378.2	-128.16	56154.37	56148.89063	56112.59743	56102.64063	504578.4	5409200.0
L4580.0	504578.4	5409200.0	1268.50000	250.64	59.1	48.835758	-86.937609	56283.65	56378.2	-128.15	56155.50	56150.14063	56112.99627	56103.08984	504578.4	5409200.0
L4580.0	504578.4	5409198.5	1268.59998	247.69	59.1	48.835745	-86.937609	56284.14	56378.1	-128.15	56156.00	56150.75781	56113.43108	56103.57813	504578.4	5409198.5
L4580.0	504578.4	5409197.3	1268.69995	249.19	58.93	48.835734	-86.937609	56284.34	56378.1	-128.14	56156.20	56151.07813	56113.87987	56104.07813	504578.4	5409197.3
L4580.0	504578.4	5409196.0	1268.80005	248.25	58.93	48.835723	-86.937609	56284.98	56378.1	-128.13	56156.85	56151.84766	56114.29262	56104.53906	504578.4	5409196.0
L4580.0	504578.4	5409194.1	1268.90002	246.93	55.49	48.835706	-86.937609	56285.62	56378.1	-128.12	56157.50	56152.61719	56114.69933	56105.00000	504578.4	5409194.1
L4580.0	504578.4	5409194.1	1269.00000	246.69	57.56	48.835706	-86.937609	56286.18	56378.1	-128.11	56158.07	56153.30859	56115.10530	56105.45703	504578.4	5409194.1
L4580.0	504578.4	5409192.9	1269.09998	246.41	57.87	48.835695	-86.937609	56286.86	56378.1	-128.10	56158.76	56154.11719	56115.49718	56105.89844	504578.4	5409192.9
L4580.0	504578.4	5409191.5	1269.19995	247.67	57.38	48.835682	-86.937609	56286.80	56378.1	-128.10	56158.70	56154.17578	56115.93295	56106.38672	504578.4	5409191.5
L4580.0	504578.4	5409190.2	1269.30005	247.14	57.38	48.835671	-86.937609	56286.82	56378.1	-128.09	56158.73	56154.32813	56116.35657	56106.86328	504578.4	5409190.2
L4580.0	504578.4	5409188.7	1269.40002	246.81	55.98	48.835657	-86.937609	56287.56	56378.1	-128.08	56159.48	56155.19922	56116.72603	56107.28516	504578.4	5409188.7
L4580.0	504578.4	5409187.4	1269.50000	246.79	55.05	48.835645	-86.937609	56288.38	56378.1	-128.07	56160.30	56156.13672	56117.08460	56107.69531	504578.4	5409187.4
L4580.0	504578.4	5409186.6	1269.59998	246.20	55.78	48.835638	-86.937609	56289.16	56378.1	-128.07	56161.10	56157.05859	56117.43826	56108.09766	504578.4	5409186.6
L4580.0	504578.4	5409186.6	1269.69995	246.79	55.78	48.835638	-86.937609	56289.65	56378.1	-128.06	56161.59	56157.66797	56117.80629	56108.51953	504578.4	5409186.6
L4580.0	504578.5	5409184.7	1269.80005	246.80	56.91	48.835621	-86.937609	56290.26	56378.1	-128.05	56162.21	56158.41016	56118.15932	56108.92188	504578.5	5409184.7
L4580.0	504578.5	5409183.3	1269.90002	246.59	59.24	48.835609	-86.937609	56290.64	56378	-128.05	56162.59	56158.91016	56118.52197	56109.33594	504578.5	5409183.3
L4580.0	504578.5	5409181.9	1270.00000	246.11	59.24	48.835595	-86.937609	56291.34	56378	-128.04	56163.30	56159.73828	56118.85617	56109.72266	504578.5	5409181.9
L4580.0	504578.5	5409180.5	1270.09998	246.16	58.84	48.835583	-86.937608	56291.69	56378	-128.02	56163.67	56160.23047	56119.20656	56110.12500	504578.5	5409180.5
L4580.0	504578.5	5409179.4	1270.19995	246.60	58.84	48.835574	-86.937608	56292.26	56378	-127.99	56164.26	56160.94141	56119.53573	56110.50781	504578.5	5409179.4
L4580.0	504578.5	5409178.1	1270.30005	246.92	58.86	48.835562	-86.937608	56292.22	56378	-127.97	56164.25	56161.05078	56119.89829	56110.92188	504578.5	5409178.1
L4580.0	504578.5	5409177.0	1270.40002	248.08	58.86	48.835552	-86.937608	56292.76	56377.9	-127.95	56164.81	56161.73438	56120.21620	56111.28906	504578.5	5409177.0
L4580.0	504578.5	5409175.8	1270.50000	248.98	51.34	48.835541	-86.937608	56293.02	56377.9	-127.93	56165.10	56162.14453	56120.54537	56111.66797	504578.5	5409175.8
L4580.0	504578.5	5409174.3	1270.59998	249.32	47.6	48.835527	-86.937608	56293.55	56377.9	-127.90	56165.64	56162.80859	56120.85109	56112.02734	504578.5	5409174.3
L4580.0	504578.5	5409174.3	1270.69995	248.94	47.6	48.835527	-86.937608	56294.32	56377.9	-127.88	56166.44	56163.73047	56121.13262	56112.35938	504578.5	5409174.3
L4580.0	504578.5	5409172.6	1270.80005	249.27	56.54	48.835512	-86.937608	56294.57	56377.9	-127.86	56166.72	56164.13281	56121.44189	56112.71875	504578.5	5409172.6
L4580.0	504578.5	5409171.8	1270.90002	248.68	53.66	48.835505	-86.937608	56294.96	56377.8	-127.83	56167.13	56164.66406	56121.73550	56113.06641	504578.5	5409171.8
L4580.0	504578.5	5409169.9	1271.00000	249.33	53.66	48.835488	-86.937608	56295.21	56377.8	-127.81	56167.40	56165.05469	56122.03139	56113.41406	504578.5	5409169.9
L4580.0	504578.5	5409169.9	1271.09998	250.05	56.81	48.835488	-86.937608	56295.72	56377.8	-127.80	56167.92	56165.69922	56122.30348	56113.73438	504578.5	5409169.9
L4580.0	504578.5	5409168.3	1271.19995	249.99	56.81	48.835474	-86.937609	56296.21	56377.8	-127.79	56168.42	56166.32422	56122.56971	56114.05469	504578.5	5409168.3
L4580.0	504578.5	5409166.8	1271.30005	248.06	60.02	48.835460	-86.937609	56296.54	56377.8	-127.78	56168.76	56166.78516	56122.83933	56114.37500	504578.5	5409166.8
L4580.0	504578.5	5409165.4	1271.40002	248.57	59.93	48.835447	-86.937609	56297.02	56377.8	-127.77	56169.25	56167.39844	56123.09162	56114.67578	504578.5	5409165.4
L4580.0	504578.5	5409165.4	1271.50000	247.42	59.93	48.835447	-86.937609	56297.36	56377.8	-127.76	56169.59	56167.86328	56123.34651	56114.98438	504578.5	5409165.4
L4580.0	504578.5	5409163.5	1271.59998	247.89	57.6	48.835430	-86.937609	56297.48	56377.8	-127.76	56169.72	56168.11719	56123.60792	56115.29688	504578.5	5409163.5
L4580.0	504578.5	5409161.7	1271.69995	247.07	57.6	48.835414	-86.937608	56298.07	56377.7	-127.75	56170.32	56168.83984	56123.83047	56115.57031	504578.5	5409161.7
L4580.0	504578.5	5409160.3	1271.80005	246.25	55.11	48.835402	-86.937608	56298.36	56377.7	-127.74	56170.62	56169.26563	56124.06541	56115.85547	504578.5	5409160.3
L4580.0	504578.5	5409159.1	1271.90002	247.46	52.73	48.835391	-86.937608	56299.09	56377.7	-127.73	56171.36	56170.13281	56124.26336	56116.10547	504578.5	5409159.1
L4580.0	504578.5	5409159.1	1272.00000	247.50	52.73	48.835391	-86.937608	56299.68	56377.7	-127.72	56171.96	56170.85547	56124.46292	56116.35547	504578.5	5409159.1
L4580.0	504578.5	5409157.7	1272.09998	248.19	55.42	48.835378	-86.937608	56299.38	56377.7	-127.71	56171.66	56170.67969	56124.71471	56116.65625	504578.5	5409157.7
L4580.0	504578.5	5409156.1	1272.19995	248.61	55.42	48.835364	-86.937608	56300.32	56377.7	-127.70	56172.62	56171.76563	56124.87467	56116.86719	504578.5	5409156.1
L4580.0	504578.5	5409154.3	1272.30005	248.75	56.66	48.835348	-86.937608	56300.52	56377.7	-127.69	56172.83	56172.10156	56125.07675	56117.12109	504578.5	5409154.3
L4580.0	504578.5	5409154.3	1272.40002	250.97	56.66	48.835348	-86.937608	56300.65	56377.7	-127.68	56172.96	56172.35938	56125.27624	56117.37109	504578.5	5409154.3
L4580.0	504578.5	5409152.9	1272.50000	250.02	56.85	48.835335	-86.937608	56301.06	56377.7	-127.67	56173.38	56172.90625	56125.44845	56117.59375	504578.5	5409152.9
L4580.0	504578.5	5409151.4	1272.59998	250.52	57.78	48.835322	-86.937608	56301.68	56377.7	-127.67	56174.01	56173.66406	56125.59865	56117.79688	504578.5	5409151.4
L4580.0	504578.5	5409150.1	1272.69995	248.22	57.78	48.835310	-86.937608	56302.26	56377.7	-127.66	56174.60	56174.37891	56125.74350	56117.99219	504578.5	5409150.1
L4580.0	504578.5	5409148.7	1272.80005	247.52	44.27	48.835297	-86.937608	56303.05	56377.6	-127.65	56175.40	56175.30469	56125.86629	56118.16406	504578.5	5409148.7
L4580.0	504578.5	5409147.6	1272.90002	247.85	44.27	48.835287	-86.937608	56302.16	56377.6	-127.64	56174.52	56174.55469	56126.09301	56118.44141	504578.5	5409147.6
L4580.0	504578.5	5409147.6	1273.00000	245.29	59.85	48.835287	-86.937608	56302.05	56377.6	-127.63	56174.42	56174.58203	56126.25964	56118.66016	504578.5	5409147.6
L4580.0	504578.5	5409145.9	1273.09998	243.28	59.56	48.835272	-86.937609	56302.03	56377.6	-127.62	56174.41	56174.69922	56126.41217	56118.86328	504578.5	5409145.9
L4580.0	504578.5	5409144.5	1273.19995	244.84	59.56	48.835260	-86.937609	56302.13	56377.6	-127.61	56174.52	56174.93750	56126.54859	56119.05078	504578.5	5409144.5
L4580.0	504578.5	5409143.2	1273.30005	244.84	58.45	48.835248	-86.937609	56302.40	56377.6	-127.61	56174.80	56175.34766	56126.66556	56119.21875	504578.5	5409143.2
L4580.0	504578.4	5409141.9	1273.40002	245.73	58.45	48.835236	-86.937609	56302.08	56377.6	-127.60	56174.48	56175.15234	56126.81443	56119.41797	504578.4	5409141.9
L4580.0	504578.4	5409141.9	1273.50000	245.82	57.84	48.835236	-86.937609	56301.63	56377.6	-127.59	56174.04	56174.84375	56126.96319	56119.61719	504578.4	5409141.9
L4580.0	504578.4	5409140.4	1273.59998	245.51	51.85	48.835223	-86.937609	56301.46	56377.6	-127.58	56173.88	56174.81250	56127.08520	56119.78906	504578.4	5409140.4
L4580.0	504578.4	5409138.1	1273.69995	244.13	54.14	48.835201	-86.937610	56300.85	56377.6	-127.57	56173.28	56174.33984	56127.22845	56119.98438	504578.4	5409138.1
L4580.0	504578.4	5409138.1	1273.80005	244.38	54.14	48.835201	-86.937610	56301.27	56377.6	-127.57	56173.70	56174.89063	56127.29564	56120.10156	504578.4	5409138.1
L4580.0	504578.4	5409136.2	1273.90002	245.36	56.37	48.835184	-86.937610	56301.46	56377.6	-127.56	56173.90	56175.21875	56127.36946	56120.22656	504578.4	5409136.2
L4580.0	504578.4	5409135.5	1274.00000	244.45	56.37	48.835178	-86.937610	56301.95	56377.6	-127.55	56174.40	56175.84766	56127.41524	56120.32422	504578.4	5409135.5
L4580.0	504578.4	5409134.0	1274.09998	245.34	54.63	48.835165	-86.937610	56301.56	56377.5	-127.54	56174.03	56175.60938	56127.51103	56120.46875	504578.4	5409134.0
L4580.0	504578.4	5409133.0	1274.19995	244.74	57.75	48.835156	-86.937610	56301.29	56377.5	-127.52	56173.76	56175.46875	56127.59217	56120.60156	504578.4	5409133.0
L4580.0	504578.4	5409131.7	1274.30005	246.36	57.75	48.835144	-86.937610	56301.52	56377.5	-127.51	56174.01	56175.84766	56127.63070	56120.69141	504578.4	5409131.7
L4580.0	504578.4	5409131.7	1274.40002	246.53	56.17	48.835144	-86.937610	56301.77	56377.5	-127.50	56174.28	56176.24609	56127.65997	56120.76953	504578.4	5409131.7
L4580.0	504578.4	5409130.0	1274.50000	247.35	56.17	48.835129	-86.937610	56301.97	56377.5	-127.49	56174.48	56176.57813	56127.68603	56120.84766	504578.4	5409130.0
L4580.0	504578.4	5409128.3	1274.59998	248.39	57.36	48.835114	-86.937610	56302.03	56377.5	-127.47	56174.56	56176.78906	56127.71223	56120.92578	504578.4	5409128.3
L4580.0	504578.4	5409127.4	1274.69995	248.73	57.48	48.835106	-86.937610	56301.80	56377.5	-127.46	56174.34	56176.69922	56127.75062	56121.01172	504578.4	5409127.4
L4580.0	504578.4	5409126.0	1274.80005	248.78	57.48	48.835093	-86.937610	56301.98	56377.4	-127.45	56174.53	56177.01563	56127.75388	56121.06641	504578.4	5409126.0
L4580.0	504578.4	5409126.0	1274.90002	248.48	57.53	48.835093	-86.937610	56301.54	56377.4	-127.43	56174.11	56176.72656	56127.79007	56121.15234	504578.4	5409126.0
L4580.0	504578.4	5409124.6	1275.00000	246.29	56.63	48.835080	-86.937610	56301.48	56377.4	-127.42	56174.06	56176.80859	56127.79389	56121.20703	504578.4	5409124.6
L4580.0	504578.4	5409123.6	1275.09998	247.85	52.8	48.835072	-86.937610	56301.16	56377.4	-127.40	56173.76	56176.63672	56127.80670	56121.27344	504578.4	5409123.6
L4580.0	504578.4	5409122.2	1275.19995	247.24	56.7	48.835059	-86.937609	56300.77	56377.4	-127.39	56173.38	56176.38672	56127.81722	56121.33203	504578.4	5409122.2
L4580.0	504578.5	5409120.6	1275.30005	247.95	57.69	48.835045	-86.937609	56300.70	56377.4	-127.38	56173.32	56176.45703	56127.79883	56121.36719	504578.5	5409120.6
L4580.0	504578.5	5409119.0	1275.40002	246.98	57.69	48.835030	-86.937609	56300.68	56377.4	-127.36	56173.32	56176.58594	56127.76889	56121.38672	504578.5	5409119.0
L4580.0	504578.5	5409119.0	1275.50000	246.67	52.7	48.835030	-86.937609	56300.76	56377.3	-127.35	56173.41	56176.80469	56127.72546	56121.39453	504578.5	5409119.0
L4580.0	504578.5	5409117.6	1275.59998	249.83	50.77	48.835017	-86.937609	56300.44	56377.3	-127.33	56173.11	56176.63281	56127.70059	56121.42188	504578.5	5409117.6
L4580.0	504578.5	5409116.4	1275.69995	250.47	53.27	48.835007	-86.937609	56300.21	56377.3	-127.31	56172.90	56176.55469	56127.66231	56121.43359	504578.5	5409116.4

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4580.0	504578.5	5409115.0	1275.80005	250.61	53.27	48.834994	-86.937609	56299.61	56377.3	-127.30	56172.31	56176.08984	56127.64201	56121.46484	504578.5	5409115.0
L4580.0	504578.5	5409113.3	1275.90002	249.79	58.44	48.834979	-86.937609	56299.09	56377.3	-127.28	56171.80	56175.71094	56127.60908	56121.48047	504578.5	5409113.3
L4580.0	504578.5	5409112.2	1276.00000	247.85	58.42	48.834969	-86.937609	56299.09	56377.3	-127.27	56171.82	56175.85938	56127.53355	56121.45703	504578.5	5409112.2
L4580.0	504578.5	5409112.2	1276.09998	246.21	57.51	48.834969	-86.937609	56299.15	56377.3	-127.26	56171.89	56176.05469	56127.44749	56121.42188	504578.5	5409112.2
L4580.0	504578.5	5409110.9	1276.19995	245.93	57.51	48.834957	-86.937609	56298.91	56377.2	-127.25	56171.66	56175.95313	56127.37428	56121.39844	504578.5	5409110.9
L4580.0	504578.5	5409109.9	1276.30005	245.20	61.08	48.834948	-86.937609	56298.61	56377.2	-127.24	56171.38	56175.80078	56127.29729	56121.37500	504578.5	5409109.9
L4580.0	504578.5	5409108.5	1276.40002	246.34	61.28	48.834936	-86.937609	56298.09	56377.2	-127.23	56170.87	56175.41797	56127.22859	56121.35547	504578.5	5409108.5
L4580.0	504578.5	5409107.4	1276.50000	245.99	61.28	48.834925	-86.937610	56297.64	56377.2	-127.22	56170.43	56175.10156	56127.14822	56121.32813	504578.5	5409107.4
L4580.0	504578.4	5409105.7	1276.59998	245.75	61.41	48.834911	-86.937610	56298.12	56377.2	-127.20	56170.92	56175.71875	56126.99891	56121.23047	504578.4	5409105.7
L4580.0	504578.4	5409105.7	1276.69995	246.95	60.79	48.834911	-86.937610	56297.11	56377.2	-127.19	56169.91	56174.83594	56126.94271	56121.22656	504578.4	5409105.7
L4580.0	504578.4	5409103.2	1276.80005	247.01	60.79	48.834888	-86.937610	56297.36	56377.2	-127.18	56170.18	56175.23047	56126.79433	56121.12891	504578.4	5409103.2
L4580.0	504578.4	5409103.2	1276.90002	246.37	59.56	48.834888	-86.937610	56297.31	56377.2	-127.17	56170.13	56175.30469	56126.66050	56121.04688	504578.4	5409103.2
L4580.0	504578.4	5409100.8	1277.00000	247.48	59.56	48.834866	-86.937611	56296.62	56377.2	-127.16	56169.46	56174.75781	56126.56127	56120.99609	504578.4	5409100.8
L4580.0	504578.3	5409099.7	1277.09998	247.40	61.81	48.834856	-86.937611	56296.06	56377.1	-127.14	56168.92	56174.33984	56126.44669	56120.93359	504578.3	5409099.7
L4580.0	504578.3	5409099.7	1277.19995	249.02	61.82	48.834856	-86.937611	56295.72	56377.1	-127.13	56168.59	56174.13281	56126.31148	56120.85156	504578.3	5409099.7
L4580.0	504578.3	5409098.3	1277.30005	250.36	60.65	48.834844	-86.937611	56295.11	56377.1	-127.11	56168.00	56173.66406	56126.18703	56120.77734	504578.3	5409098.3
L4580.0	504578.3	5409096.7	1277.40002	247.34	60.65	48.834829	-86.937612	56295.04	56377.1	-127.10	56167.94	56173.72656	56126.02073	56120.66406	504578.3	5409096.7
L4580.0	504578.3	5409095.7	1277.50000	247.46	55.52	48.834820	-86.937612	56294.68	56377.1	-127.08	56167.60	56173.50391	56125.86662	56120.56250	504578.3	5409095.7
L4580.0	504578.3	5409094.3	1277.59998	246.33	55.52	48.834807	-86.937612	56294.75	56377.1	-127.06	56167.69	56173.71484	56125.67742	56120.42578	504578.3	5409094.3
L4580.0	504578.3	5409094.3	1277.69995	247.05	57.03	48.834807	-86.937612	56294.06	56377	-127.05	56167.01	56173.15234	56125.53318	56120.33203	504578.3	5409094.3
L4580.0	504578.3	5409092.7	1277.80005	248.24	57.03	48.834793	-86.937612	56293.94	56377	-127.03	56166.91	56173.17188	56125.34397	56120.19531	504578.3	5409092.7
L4580.0	504578.3	5409090.7	1277.90002	245.88	62.58	48.834776	-86.937612	56292.91	56377	-127.02	56165.90	56172.27734	56125.20915	56120.11328	504578.3	5409090.7
L4580.0	504578.3	5409090.7	1278.00000	245.68	62.71	48.834776	-86.937612	56292.78	56377	-127.00	56165.78	56172.27344	56125.00878	56119.96484	504578.3	5409090.7
L4580.0	504578.4	5409088.2	1278.09998	245.35	62.71	48.834753	-86.937611	56292.72	56377	-126.99	56165.73	56172.33984	56124.79757	56119.80859	504578.4	5409088.2
L4580.0	504578.4	5409088.2	1278.19995	244.70	63	48.834753	-86.937611	56292.05	56377	-126.98	56165.06	56171.78125	56124.62158	56119.68359	504578.4	5409088.2
L4580.0	504578.4	5409086.8	1278.30005	243.87	63.05	48.834741	-86.937611	56291.48	56377	-126.97	56164.51	56171.34766	56124.43151	56119.54688	504578.4	5409086.8
L4580.0	504578.4	5409085.6	1278.40002	243.45	63.05	48.834730	-86.937611	56290.77	56377	-126.96	56163.81	56170.75781	56124.24541	56119.41406	504578.4	5409085.6
L4580.0	504578.4	5409084.3	1278.50000	244.24	63.49	48.834718	-86.937611	56290.75	56377	-126.96	56163.79	56170.84766	56124.00800	56119.22656	504578.4	5409084.3
L4580.0	504578.4	5409082.6	1278.59998	244.69	63.64	48.834703	-86.937610	56290.46	56376.9	-126.95	56163.51	56170.67969	56123.78198	56119.05469	504578.4	5409082.6
L4580.0	504578.4	5409082.6	1278.69995	245.83	55.74	48.834703	-86.937610	56290.01	56376.9	-126.94	56163.07	56170.34766	56123.56074	56118.88672	504578.4	5409082.6
L4580.0	504578.4	5409081.1	1278.80005	243.90	55.74	48.834689	-86.937610	56289.60	56376.9	-126.93	56162.67	56170.05469	56123.33097	56118.71094	504578.4	5409081.1
L4580.0	504578.4	5409080.3	1278.90002	244.59	60.02	48.834682	-86.937610	56289.04	56376.9	-126.92	56162.12	56169.60938	56123.10540	56118.53906	504578.4	5409080.3
L4580.0	504578.4	5409078.8	1279.00000	243.68	60.02	48.834669	-86.937610	56288.58	56376.9	-126.91	56161.67	56169.26563	56122.86738	56118.35547	504578.4	5409078.8
L4580.0	504578.4	5409077.6	1279.09998	246.30	64.47	48.834658	-86.937610	56288.17	56376.9	-126.90	56161.27	56168.96875	56122.62030	56118.16016	504578.4	5409077.6
L4580.0	504578.5	5409076.2	1279.19995	247.08	64.89	48.834645	-86.937610	56287.56	56376.9	-126.89	56160.67	56168.47266	56122.38085	56117.97266	504578.5	5409076.2
L4580.0	504578.5	5409074.8	1279.30005	245.30	64.89	48.834632	-86.937610	56287.43	56376.9	-126.87	56160.56	56168.46094	56122.10308	56117.75000	504578.5	5409074.8
L4580.0	504578.5	5409073.4	1279.40002	245.53	59.83	48.834620	-86.937610	56286.64	56376.9	-126.86	56159.78	56167.78125	56121.86434	56117.56641	504578.5	5409073.4
L4580.0	504578.5	5409072.4	1279.50000	246.08	59.83	48.834611	-86.937609	56285.90	56376.9	-126.85	56159.05	56167.14844	56121.61667	56117.37109	504578.5	5409072.4
L4580.0	504578.5	5409072.4	1279.59998	247.85	65.43	48.834611	-86.937609	56285.80	56376.8	-126.84	56158.96	56167.15625	56121.32076	56117.12891	504578.5	5409072.4
L4580.0	504578.5	5409070.8	1279.69995	245.24	52.94	48.834596	-86.937609	56285.32	56376.8	-126.83	56158.49	56166.78125	56121.04465	56116.90625	504578.5	5409070.8
L4580.0	504578.5	5409069.8	1279.80005	243.74	53.66	48.834588	-86.937609	56285.06	56376.8	-126.81	56158.25	56166.63281	56120.74770	56116.66406	504578.5	5409069.8
L4580.0	504578.5	5409068.1	1279.90002	242.85	53.66	48.834572	-86.937609	56283.78	56376.8	-126.80	56156.97	56165.44531	56120.51458	56116.48438	504578.5	5409068.1
L4580.0	504578.6	5409066.4	1280.00000	241.10	61.69	48.834557	-86.937608	56283.45	56376.8	-126.79	56156.65	56165.21484	56120.21200	56116.23828	504578.6	5409066.4
L4580.0	504578.6	5409066.4	1280.09998	243.73	65.8	48.834557	-86.937608	56283.45	56376.8	-126.79	56156.66	56165.31641	56119.88197	56115.96094	504578.6	5409066.4
L4580.0	504578.6	5409065.1	1280.19995	245.07	60.66	48.834545	-86.937608	56282.53	56376.8	-126.79	56155.75	56164.49219	56119.60785	56115.74219	504578.6	5409065.1
L4580.0	504578.6	5409063.6	1280.30005	244.88	60.66	48.834532	-86.937608	56282.05	56376.8	-126.78	56155.26	56164.08594	56119.30031	56115.48828	504578.6	5409063.6
L4580.0	504578.6	5409062.2	1280.40002	246.29	60.17	48.834519	-86.937608	56281.79	56376.8	-126.78	56155.01	56163.91797	56118.97137	56115.21484	504578.6	5409062.2
L4580.0	504578.6	5409061.0	1280.50000	246.79	60.17	48.834508	-86.937608	56280.87	56376.8	-126.78	56154.09	56163.08203	56118.68171	56114.98047	504578.6	5409061.0
L4580.0	504578.6	5409059.6	1280.59998	247.13	63.35	48.834496	-86.937607	56281.15	56376.8	-126.78	56154.37	56163.44141	56118.30666	56114.65625	504578.6	5409059.6
L4580.0	504578.6	5409059.6	1280.69995	246.44	59.1	48.834496	-86.937607	56280.23	56376.8	-126.78	56153.46	56162.60938	56118.00558	56114.41016	504578.6	5409059.6
L4580.0	504578.7	5409058.2	1280.80005	245.50	59.1	48.834483	-86.937607	56279.80	56376.8	-126.77	56153.02	56162.24609	56117.66779	56114.12891	504578.7	5409058.2
L4580.0	504578.7	5409056.8	1280.90002	245.19	58.77	48.834470	-86.937607	56279.57	56376.8	-126.77	56152.80	56162.09766	56117.30997	56113.82422	504578.7	5409056.8
L4580.0	504578.7	5409055.1	1281.00000	246.65	64.81	48.834455	-86.937607	56278.54	56376.8	-126.77	56151.77	56161.14063	56117.00078	56113.57031	504578.7	5409055.1
L4580.0	504578.7	5409054.1	1281.09998	245.74	64.81	48.834447	-86.937607	56277.84	56376.8	-126.76	56151.08	56160.51953	56116.66355	56113.28906	504578.7	5409054.1
L4580.0	504578.7	5409054.1	1281.19995	247.07	64.15	48.834447	-86.937607	56277.84	56376.7	-126.75	56151.09	56160.59766	56116.27428	56112.95313	504578.7	5409054.1
L4580.0	504578.7	5409051.2	1281.30005	247.63	64.54	48.834420	-86.937607	56277.12	56376.7	-126.73	56150.39	56159.96484	56115.92695	56112.66016	504578.7	5409051.2
L4580.0	504578.7	5409051.2	1281.40002	248.00	66.65	48.834420	-86.937607	56276.48	56376.7	-126.72	56149.76	56159.39844	56115.56957	56112.35938	504578.7	5409051.2
L4580.0	504578.7	5409049.7	1281.50000	246.80	66.65	48.834407	-86.937606	56275.64	56376.7	-126.71	56148.93	56158.62891	56115.22011	56112.06250	504578.7	5409049.7
L4580.0	504578.8	5409048.3	1281.59998	248.76	68.47	48.834394	-86.937606	56275.56	56376.7	-126.70	56148.86	56158.61719	56114.81456	56111.71484	504578.8	5409048.3
L4580.0	504578.8	5409047.1	1281.69995	251.46	68.58	48.834383	-86.937606	56274.91	56376.7	-126.69	56148.22	56158.03516	56114.44158	56111.39453	504578.8	5409047.1
L4580.0	504578.8	5409045.6	1281.80005	251.05	66.11	48.834370	-86.937606	56274.41	56376.7	-126.67	56147.74	56157.60938	56114.05246	56111.06250	504578.8	5409045.6
L4580.0	504578.8	5409045.6	1281.90002	250.02	66.11	48.834370	-86.937606	56274.29	56376.7	-126.66	56147.62	56157.54297	56113.63387	56110.69531	504578.8	5409045.6
L4580.0	504578.8	5409043.2	1282.00000	250.45	64.65	48.834348	-86.937605	56273.31	56376.7	-126.65	56146.66	56156.63281	56113.26576	56110.38281	504578.8	5409043.2
L4580.0	504578.9	5409042.1	1282.09998	249.97	65.38	48.834338	-86.937605	56272.45	56376.6	-126.64	56145.81	56155.83203	56112.88479	56110.05859	504578.9	5409042.1
L4580.0	504578.9	5409042.1	1282.19995	248.87	67.74	48.834338	-86.937605	56271.79	56376.6	-126.62	56145.17	56155.23828	56112.48424	56109.71094	504578.9	5409042.1
L4580.0	504578.9	5409040.4	1282.30005	248.82	67.74	48.834323	-86.937605	56270.40	56376.6	-126.61	56143.79	56153.90234	56112.12743	56109.40625	504578.9	5409040.4
L4580.0	504578.9	5409039.0	1282.40002	248.15	68.02	48.834310	-86.937604	56270.62	56376.6	-126.60	56144.02	56154.17188	56111.65765	56108.99219	504578.9	5409039.0
L4580.0	504578.9	5409037.6	1282.50000	247.44	69.33	48.834297	-86.937604	56269.96	56376.6	-126.58	56143.38	56153.57031	56111.24019	56108.62891	504578.9	5409037.6
L4580.0	504578.9	5409037.6	1282.59998	247.59	69.19	48.834297	-86.937604	56269.37	56376.6	-126.57	56142.79	56153.01953	56110.81367	56108.25391	504578.9	5409037.6
L4580.0	504578.9	5409036.1	1282.69995	248.59	69.19	48.834284	-86.937604	56268.31	56376.6	-126.56	56141.75	56152.01172	56110.41140	56107.90625	504578.9	5409036.1
L4580.0	504578.9	5409034.7	1282.80005	247.97	69.12	48.834272	-86.937604	56267.53	56376.5	-126.55	56140.98	56151.27344	56109.98531	56107.53516	504578.9	5409034.7
L4580.0	504578.9	5409033.5	1282.90002	247.40	69.16	48.834261	-86.937604	56267.32	56376.5	-126.53	56140.79	56151.11328	56109.51470	56107.11719	504578.9	5409033.5
L4580.0	504578.9	5409032.3	1283.00000	247.56	69.16	48.834250	-86.937604	56267.46	56376.5	-126.52	56140.95	56151.30078	56109.01485	56106.66797	504578.9	5409032.3
L4580.0	504578.9	5409031.1	1283.09998	247.67	59.23	48.834240	-86.937604	56267.25	56376.5	-126.51	56140.73	56151.10156	56108.53436	56106.24219	504578.9	5409031.1
L4580.0	504578.9	5409029.9	1283.19995	245.58	61.61	48.834228	-86.937604	56266.09	56376.5	-126.50	56139.59	56149.98438	56108.10920	56105.86719	504578.9	5409029.9
L4580.0	504578.9	5409028.5	1283.30005	245.58	61.61	48.834216	-86.937604	56265.82	56376.5	-126.50	56139.32	56149.73438	56107.61996	56105.42969	504578.9	5409028.5
L4580.0	504578.9	5409027.1	1283.40002	244.90	69.46	48.834203	-86.937604	56264.73	56376.5	-126.49	56138.25	56148.67969	56107.17793	56105.03906	504578.9	5409027.1
L4580.0	504578.9	5409027.1	1283.50000	246.55	62.47	48.834203	-86.937604	56264.26	56376.5	-126.48	56137.78	56148.22266	56106.68971	56104.60547	504578.9	5409027.1
L4580.0	504578.9	5409025.6	1283.59998	246.25	63.75	48.834190	-86.937604	56263.59	56376.5	-126.47	56137.12	56147.57422	56106.20791	56104.17188	504578.9	5409025.6
L4580.0	504578.9	5409024.4	1283.69995	248.24	63.75	48.834179	-86.937604	56262.75	56376.5	-126.46	56136.29	56146.75391	56105.73114	56103.74609	504578.9	5409024.4
L4580.0	504578.9	5409022.7	1283.80005	246.52	65.01	48.834164	-86.937604	56261.89	56376.5	-126.46	56135.43	56145.89844	56105.25001	56103.31641	504578.9	5409022.7
L4580.0	504578.9	5409021.3	1283.90002	247.01	65.01	48.834151	-86.937604	56261.19	56376.4	-126.45	56134.74	56145.21094	56104.75112	56102.86719	504578.9	5409021.3
L4580.0	504578.9	5409020.1	1284.00000	246.82	61.02	48.834140	-86.937604	56261.27	56376.4	-126.44	56134.83	56145.30078	56104.19376	56102.35547	504578.9	5409020.1
L4580.0	504578.9	5409020.1	1284.09998	247.11	61.02	48.834140	-86.937604	56260.48	56376.4	-126.43	56134.05	56144.51953	56103.68786	56101.89844	504578.9	5409020.1
L4580.0	504578.9	5409018.2	1284.19995	245.18	59.41	48.834123	-86.937605	56259.84	56376.4	-126.42	56133.42	56143.88281	56103.16537	56101.42578	504578.9	5409018.2
L4580.0	504578.9	5409016.8	1284.30005	245.96	62.24	48.834110	-86.937605	56259.06	56376.4	-126.41	56132.65	56143.10547	56102.64557	56100.95313	504578.9	5409016.8
L4580.0	504578.8	5409015.3	1284.40002	245.37	62.24	48.834097	-86.937606	56258.08	56376.4	-126.40	56131.68	56142.12500	56102.13240	56100.48438	504578.8	5409015.3
L4580.0	504578.8	5409015.3	1284.50000	245.31	66.29	48.834097	-86.937606	56257.59	56376.4	-126.39	56131.21	56141.64063	56101.57915	56099.97656	504578.8	5409015.3
L4580.0	504578.8	5409013.7	1284.59998	245.83	66.29	48.834083	-86.937606	56256.70	56376.4	-126.37	56130.33	56140.74609	56101.04644	56099.49219	504578.8	5409013.7
L4580.0	504578.7	5409012.5	1284.69995	243.46	66.98	48.834072	-86.937607	56256.27	56376.4	-126.36	56129.91	56140.30859	56100.47622	56098.96484	504578.7	5409012.5
L4580.0	504578.7	5409010.9	1284.80005	242.11	65.4	48.834058	-86.937607	56254.99	56376.4	-126.35	56128.64	56139.01563	56099.95578	56098.48828	504578.7	5409010.9
L4580.0	504578.7	5409010.9	1284.90002	244.93	67.74	48.834058	-86.937607	56254.46	56376.3	-126.34	56128.12	56138.47266	56099.37842	56097.95313	504578.7	5409010.9
L4580.0	504578.6	5409008.2	1285.00000	246.95	67.74	48.834034	-86.937608	56253.59	56376.3	-126.33	56127.26	56137.58594	56098.81677	56097.43359	504578.6	5409008.2

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4580.0	504578.6	5409008.2	1285.09998	247.34	68.28	48.834034	-86.937608	56252.54	56376.3	-126.33	56126.21	56136.50391	56098.26078	56096.91797	504578.6	5409008.2
L4580.0	504578.6	5409006.8	1285.19995	248.61	67.74	48.834021	-86.937609	56251.91	56376.3	-126.32	56125.59	56135.85156	56097.66911	56096.36719	504578.6	5409006.8
L4580.0	504578.6	5409005.4	1285.30005	248.60	67.74	48.834008	-86.937609	56250.68	56376.3	-126.32	56124.36	56134.58594	56097.11105	56095.84766	504578.6	5409005.4
L4580.0	504578.6	5409004.0	1285.40002	250.27	68.24	48.833996	-86.937609	56250.07	56376.3	-126.31	56123.76	56133.94922	56096.50392	56095.28125	504578.6	5409004.0
L4580.0	504578.5	5409002.8	1285.50000	249.66	68.24	48.833985	-86.937610	56248.76	56376.3	-126.31	56122.46	56132.60547	56095.93636	56094.75000	504578.5	5409002.8
L4580.0	504578.5	5409001.6	1285.59998	247.21	68.43	48.833974	-86.937610	56248.18	56376.3	-126.30	56121.88	56131.98438	56095.31370	56094.16406	504578.5	5409001.6
L4580.0	504578.5	5409000.4	1285.69995	248.28	67.1	48.833963	-86.937610	56247.54	56376.3	-126.29	56121.24	56131.29688	56094.68792	56093.57031	504578.5	5409000.4
L4580.0	504578.5	5409000.4	1285.80005	248.46	68.08	48.833963	-86.937610	56245.96	56376.3	-126.29	56119.67	56129.67578	56094.11702	56093.03516	504578.5	5409000.4
L4580.0	504578.5	5408999.0	1285.90002	248.65	68.33	48.833950	-86.937610	56245.47	56376.3	-126.28	56119.19	56129.14453	56093.46633	56092.41406	504578.5	5408999.0
L4580.0	504578.5	5408997.8	1286.00000	247.98	68.33	48.833940	-86.937610	56244.91	56376.3	-126.28	56118.63	56128.52734	56092.81386	56091.79297	504578.5	5408997.8
L4580.0	504578.5	5408996.6	1286.09998	247.11	67.9	48.833929	-86.937610	56243.23	56376.3	-126.27	56116.96	56126.80078	56092.22828	56091.23828	504578.5	5408996.6
L4580.0	504578.5	5408995.1	1286.19995	247.38	63.94	48.833916	-86.937611	56242.26	56376.3	-126.26	56116.00	56125.78125	56091.58827	56090.62891	504578.5	5408995.1
L4580.0	504578.5	5408993.7	1286.30005	245.58	63.94	48.833903	-86.937611	56241.38	56376.3	-126.25	56115.13	56124.84766	56090.93520	56090.00000	504578.5	5408993.7
L4580.0	504578.5	5408992.5	1286.40002	244.39	57.46	48.833892	-86.937611	56240.19	56376.2	-126.24	56113.95	56123.59766	56090.29575	56089.38672	504578.5	5408992.5
L4580.0	504578.5	5408990.8	1286.50000	243.80	59.91	48.833877	-86.937611	56239.20	56376.2	-126.23	56112.97	56122.55078	56089.63596	56088.75000	504578.5	5408990.8
L4580.0	504578.5	5408990.8	1286.59998	242.90	59.91	48.833877	-86.937611	56238.50	56376.2	-126.22	56112.28	56121.78906	56088.94988	56088.08594	504578.5	5408990.8
L4580.0	504578.5	5408989.7	1286.69995	245.24	67.62	48.833867	-86.937611	56237.18	56376.2	-126.21	56110.97	56120.40234	56088.29821	56087.45703	504578.5	5408989.7
L4580.0	504578.5	5408988.5	1286.80005	247.97	68.29	48.833856	-86.937611	56236.09	56376.2	-126.20	56109.89	56119.24609	56087.62435	56086.80078	504578.5	5408988.5
L4580.0	504578.5	5408987.0	1286.90002	249.52	67.73	48.833843	-86.937611	56234.78	56376.2	-126.19	56108.59	56117.86719	56086.95836	56086.15234	504578.5	5408987.0
L4580.0	504578.5	5408985.8	1287.00000	249.48	67.73	48.833832	-86.937611	56233.74	56376.2	-126.18	56107.56	56116.75391	56086.26765	56085.47656	504578.5	5408985.8
L4580.0	504578.5	5408984.2	1287.09998	251.00	64.04	48.833817	-86.937611	56232.48	56376.2	-126.17	56106.30	56115.40625	56085.58564	56084.80859	504578.5	5408984.2
L4580.0	504578.5	5408983.7	1287.19995	249.85	67.25	48.833813	-86.937611	56230.95	56376.2	-126.17	56104.79	56113.80859	56084.91375	56084.14844	504578.5	5408983.7
L4580.0	504578.5	5408982.3	1287.30005	249.45	67.77	48.833800	-86.937610	56230.34	56376.2	-126.16	56104.18	56113.10547	56084.17543	56083.42188	504578.5	5408982.3
L4580.0	504578.5	5408980.8	1287.40002	249.59	67.77	48.833787	-86.937610	56229.02	56376.2	-126.15	56102.87	56111.70313	56083.47744	56082.73047	504578.5	5408980.8
L4580.0	504578.5	5408979.6	1287.50000	250.17	67.46	48.833776	-86.937610	56227.98	56376.1	-126.14	56101.84	56110.57422	56082.75459	56082.01563	504578.5	5408979.6
L4580.0	504578.5	5408979.6	1287.59998	249.42	61.94	48.833776	-86.937610	56227.08	56376.1	-126.14	56100.94	56109.57813	56082.01701	56081.28125	504578.5	5408979.6
L4580.0	504578.5	5408978.0	1287.69995	248.90	61.94	48.833761	-86.937610	56225.34	56376.1	-126.13	56099.21	56107.74609	56081.32886	56080.59375	504578.5	5408978.0
L4580.0	504578.5	5408976.5	1287.80005	247.83	61.56	48.833748	-86.937611	56224.16	56376.1	-126.12	56098.04	56106.46875	56080.59763	56079.86328	504578.5	5408976.5
L4580.0	504578.5	5408975.1	1287.90002	246.97	56.7	48.833736	-86.937611	56223.14	56376.1	-126.12	56097.03	56105.35156	56079.85016	56079.11328	504578.5	5408975.1
L4580.0	504578.5	5408973.9	1288.00000	245.55	58.51	48.833724	-86.937611	56221.52	56376.1	-126.11	56095.41	56103.62500	56079.13798	56078.39453	504578.5	5408973.9
L4580.0	504578.4	5408972.3	1288.09998	245.99	59.61	48.833710	-86.937611	56220.52	56376.1	-126.10	56094.42	56102.51953	56078.37863	56077.62891	504578.4	5408972.3
L4580.0	504578.4	5408971.3	1288.19995	246.62	59.61	48.833702	-86.937612	56217.78	56376.1	-126.09	56091.69	56099.67578	56077.73033	56076.96875	504578.4	5408971.3
L4580.0	504578.4	5408970.3	1288.30005	247.59	67.82	48.833693	-86.937612	56216.43	56376.1	-126.08	56090.36	56098.23047	56076.98399	56076.21094	504578.4	5408970.3
L4580.0	504578.4	5408970.3	1288.40002	248.17	67.44	48.833693	-86.937612	56215.07	56376.1	-126.07	56089.01	56096.76172	56076.23451	56075.44531	504578.4	5408970.3
L4580.0	504578.4	5408968.9	1288.50000	244.61	67.44	48.833680	-86.937613	56213.09	56376.1	-126.06	56087.04	56094.66797	56075.52218	56074.71484	504578.4	5408968.9
L4580.0	504578.3	5408967.3	1288.59998	242.75	65.56	48.833665	-86.937613	56211.64	56376	-126.04	56085.59	56093.09375	56074.77128	56073.94531	504578.3	5408967.3
L4580.0	504578.3	5408965.5	1288.69995	243.49	62.74	48.833650	-86.937614	56210.20	56376	-126.03	56084.17	56091.54688	56074.01478	56073.16406	504578.3	5408965.5
L4580.0	504578.3	5408965.5	1288.80005	244.91	64.61	48.833650	-86.937614	56208.90	56376	-126.02	56082.88	56090.12891	56073.24633	56072.37109	504578.3	5408965.5
L4580.0	504578.2	5408963.7	1288.90002	246.04	65.6	48.833633	-86.937614	56206.99	56376	-126.01	56080.98	56088.09375	56072.51560	56071.61328	504578.2	5408963.7
L4580.0	504578.2	5408962.3	1289.00000	249.73	65.6	48.833620	-86.937614	56205.57	56376	-126.00	56079.57	56086.55078	56071.74962	56070.81641	504578.2	5408962.3
L4580.0	504578.2	5408961.3	1289.09998	250.10	65.6	48.833611	-86.937614	56203.70	56376	-125.99	56077.72	56084.56641	56071.01076	56070.04297	504578.2	5408961.3
L4580.0	504578.2	5408959.8	1289.19995	248.80	64.44	48.833598	-86.937615	56202.11	56376	-125.98	56076.13	56082.83594	56070.25276	56069.24609	504578.2	5408959.8
L4580.0	504578.2	5408959.8	1289.30005	250.27	65.2	48.833598	-86.937615	56200.46	56376	-125.96	56074.50	56081.06641	56069.49601	56068.44922	504578.2	5408959.8
L4580.0	504578.2	5408958.4	1289.40002	249.76	68.39	48.833585	-86.937615	56198.51	56376	-125.95	56072.56	56078.98438	56068.75896	56067.66797	504578.2	5408958.4
L4580.0	504578.2	5408957.2	1289.50000	249.19	67.64	48.833574	-86.937615	56196.63	56375.9	-125.94	56070.69	56076.96875	56068.01672	56066.88281	504578.2	5408957.2
L4580.0	504578.2	5408955.8	1289.59998	249.34	67.64	48.833562	-86.937615	56194.25	56375.9	-125.93	56068.33	56074.46094	56067.30710	56066.12109	504578.2	5408955.8
L4580.0	504578.2	5408955.0	1289.69995	247.92	68.32	48.833555	-86.937615	56192.36	56375.9	-125.92	56066.44	56072.42188	56066.56659	56065.32813	504578.2	5408955.0
L4580.0	504578.1	5408953.6	1289.80005	248.46	68.62	48.833543	-86.937615	56190.43	56375.9	-125.90	56064.53	56070.36328	56065.82835	56064.53516	504578.1	5408953.6
L4580.0	504578.1	5408952.0	1289.90002	249.49	65.86	48.833528	-86.937615	56188.62	56375.9	-125.89	56062.72	56068.39844	56065.08493	56063.73047	504578.1	5408952.0
L4580.0	504578.1	5408950.3	1290.00000	247.37	65.86	48.833512	-86.937615	56186.57	56375.9	-125.88	56060.69	56066.21484	56064.35820	56062.94141	504578.1	5408950.3
L4580.0	504578.1	5408950.3	1290.09998	245.94	68.35	48.833512	-86.937615	56184.56	56375.9	-125.87	56058.69	56064.05469	56063.63207	56062.14844	504578.1	5408950.3
L4580.0	504578.1	5408948.9	1290.19995	245.09	63.16	48.833499	-86.937615	56182.82	56375.9	-125.87	56056.95	56062.15625	56062.89178	56061.33984	504578.1	5408948.9
L4580.0	504578.2	5408947.5	1290.30005	244.81	63.16	48.833487	-86.937615	56180.39	56375.9	-125.86	56054.54	56059.58594	56062.19995	56060.57422	504578.2	5408947.5
L4580.0	504578.2	5408946.8	1290.40002	246.08	62.88	48.833481	-86.937615	56178.17	56375.9	-125.85	56052.32	56057.20703	56061.49986	56059.79688	504578.2	5408946.8
L4580.0	504578.2	5408945.6	1290.50000	246.28	62.88	48.833470	-86.937615	56176.42	56375.8	-125.84	56050.57	56055.28906	56060.77350	56058.99219	504578.2	5408945.6
L4580.0	504578.2	5408944.2	1290.59998	245.43	63.09	48.833457	-86.937615	56173.51	56375.8	-125.84	56047.67	56052.22656	56060.12952	56058.26563	504578.2	5408944.2
L4580.0	504578.2	5408942.8	1290.69995	245.27	66.02	48.833445	-86.937615	56171.74	56375.8	-125.83	56045.91	56050.29688	56059.41595	56057.46094	504578.2	5408942.8
L4580.0	504578.2	5408942.8	1290.80005	244.28	68.89	48.833445	-86.937615	56170.16	56375.8	-125.82	56044.33	56048.55078	56058.69746	56056.65234	504578.2	5408942.8
L4580.0	504578.2	5408940.9	1290.90002	244.88	69.14	48.833428	-86.937615	56167.54	56375.8	-125.82	56041.72	56045.76953	56058.05545	56055.91797	504578.2	5408940.9
L4580.0	504578.2	5408939.5	1291.00000	244.40	69.14	48.833415	-86.937615	56165.22	56375.8	-125.81	56039.41	56043.28516	56057.40198	56055.16406	504578.2	5408939.5
L4580.0	504578.2	5408938.3	1291.09998	244.62	65.71	48.833404	-86.937615	56163.00	56375.8	-125.80	56037.21	56040.91406	56056.75047	56054.41016	504578.2	5408938.3
L4580.0	504578.2	5408936.8	1291.19995	246.23	65.71	48.833391	-86.937615	56160.79	56375.8	-125.79	56035.00	56038.52734	56056.10966	56053.66406	504578.2	5408936.8
L4580.0	504578.2	5408936.8	1291.30005	246.21	65.81	48.833391	-86.937615	56158.21	56375.8	-125.78	56032.44	56035.79297	56055.50301	56052.94531	504578.2	5408936.8
L4580.0	504578.2	5408934.9	1291.40002	248.46	67.83	48.833374	-86.937614	56156.18	56375.8	-125.77	56030.42	56033.59375	56054.87196	56052.19922	504578.2	5408934.9
L4580.0	504578.2	5408933.5	1291.50000	247.84	67.5	48.833361	-86.937614	56153.86	56375.8	-125.75	56028.10	56031.09766	56054.27333	56051.48438	504578.2	5408933.5
L4580.0	504578.2	5408932.5	1291.59998	246.67	67.5	48.833353	-86.937614	56151.91	56375.7	-125.74	56026.17	56028.98438	56053.66191	56050.75000	504578.2	5408932.5
L4580.0	504578.3	5408931.1	1291.69995	245.33	64.51	48.833340	-86.937614	56149.08	56375.7	-125.73	56023.35	56025.98438	56053.12387	56050.08594	504578.3	5408931.1
L4580.0	504578.3	5408929.6	1291.80005	244.65	61.3	48.833327	-86.937614	56147.13	56375.7	-125.72	56021.40	56023.85156	56052.54270	56049.37500	504578.3	5408929.6
L4580.0	504578.3	5408928.7	1291.90002	245.31	62.67	48.833318	-86.937614	56144.81	56375.7	-125.71	56019.10	56021.36719	56052.00057	56048.69922	504578.3	5408928.7
L4580.0	504578.3	5408927.2	1292.00000	246.41	62.99	48.833305	-86.937614	56142.73	56375.7	-125.70	56017.03	56019.11328	56051.45967	56048.01953	504578.3	5408927.2
L4580.0	504578.3	5408926.0	1292.09998	246.93	62.99	48.833294	-86.937614	56140.76	56375.7	-125.69	56015.07	56016.96875	56050.92883	56047.34766	504578.3	5408926.0
L4580.0	504578.3	5408926.0	1292.19995	246.34	64.97	48.833294	-86.937614	56138.14	56375.7	-125.67	56012.47	56014.18359	56050.45892	56046.73047	504578.3	5408926.0
L4580.0	504578.3	5408924.6	1292.30005	248.51	66.92	48.833281	-86.937614	56135.90	56375.7	-125.66	56010.24	56011.76563	56049.98345	56046.10547	504578.3	5408924.6
L4580.0	504578.3	5408923.2	1292.40002	247.99	63.03	48.833268	-86.937614	56133.39	56375.6	-125.65	56007.75	56009.08594	56049.54528	56045.51172	504578.3	5408923.2
L4580.0	504578.2	5408921.7	1292.50000	248.23	63.03	48.833255	-86.937614	56131.65	56375.6	-125.63	56006.02	56007.16797	56049.07726	56044.88672	504578.2	5408921.7
L4580.0	504578.2	5408921.7	1292.59998	247.28	65.94	48.833255	-86.937614	56128.97	56375.6	-125.62	56003.35	56004.30859	56048.69357	56044.33984	504578.2	5408921.7
L4580.0	504578.2	5408920.1	1292.69995	245.67	65	48.833240	-86.937615	56126.62	56375.6	-125.61	56001.01	56001.77734	56048.31039	56043.78906	504578.2	5408920.1
L4580.0	504578.2	5408918.6	1292.80005	245.04	68.13	48.833228	-86.937615	56124.62	56375.6	-125.60	55999.02	55999.59766	56047.92721	56043.23438	504578.2	5408918.6
L4580.0	504578.2	5408917.2	1292.90002	245.88	68.13	48.833215	-86.937615	56123.05	56375.6	-125.58	55997.47	55997.85547	56047.53887	56042.67188	504578.2	5408917.2
L4580.0	504578.2	5408915.5	1293.00000	247.04	63.4	48.833200	-86.937615	56120.88	56375.6	-125.57	55995.31	55995.50000	56047.21618	56042.16797	504578.2	5408915.5
L4580.0	504578.2	5408915.5	1293.09998	246.01	64.84	48.833200	-86.937615	56118.34	56375.6	-125.56	55992.78	55992.77734	56046.94393	56041.71094	504578.2	5408915.5
L4580.0	504578.2	5408913.1	1293.19995	245.24	64.84	48.833178	-86.937615	56116.93	56375.6	-125.55	55991.37	55991.17578	56046.62358	56041.20313	504578.2	5408913.1
L4580.0	504578.2	5408913.1	1293.30005	245.24	63.83	48.833178	-86.937615	56115.18	56375.5	-125.54	55989.64	55989.25000	56046.35188	56040.74219	504578.2	5408913.1
L4580.0	504578.3	5408911.7	1293.40002	244.15	64.64	48.833165	-86.937614	56113.13	56375.5	-125.53	55987.60	55987.01563	56046.12892	56040.32031	504578.3	5408911.7
L4580.0	504578.3	5408910.7	1293.50000	244.26	65.31	48.833157	-86.937614	56111.17	56375.5	-125.53	55985.64	55984.86328	56045.92941	56039.92188	504578.3	5408910.7
L4580.0	504578.3	5408909.5	1293.59998	244.29	65.31	48.833146	-86.937614	56109.38	56375.5	-125.52	55983.87	55982.89844	56045.74672	56039.53516	504578.3	5408909.5
L4580.0	504578.3	5408908.1	1293.69995	244.58	65.18	48.833133	-86.937614	56107.75	56375.5	-125.51	55982.25	55981.08203	56045.58417	56039.16406	504578.3	5408908.1
L4580.0	504578.3	5408906.8	1293.80005	245.55	64.68	48.833121	-86.937614	56105.95	56375.5	-125.50	55980.45	55979.08594	56045.46441	56038.83203	504578.3	5408906.8
L4580.0	504578.3	5408905.5	1293.90002	244.71	60.95	48.833109	-86.937614	56104.73	56375.5	-125.49	55979.24	55977.67969	56045.33670	56038.48828	504578.3	5408905.5
L4580.0	504578.3	5408904.0	1294.00000	244.28	60.95	48.833096	-86.937614	56103.57	56375.5	-125.48	55978.09	55976.33594	56045.23696	56038.16797	504578.3	5408904.0
L4580.0	504578.3	5408904.0	1294.09998	242.79	63.73	48.833096	-86.937614	56102.82	56375.5	-125.47	55977.34	55975.38672	56045.14305	56037.84766	504578.3	5408904.0
L4580.0	504578.3	5408902.5	1294.19995	244.29	67.92	48.833083	-86.937613	56101.90	56375.5	-125.47	55976.43	55974.28125	56045.09280	56037.57031	504578.3	5408902.5
L4580.0	504578.4	5408901.1	1294.30005	244.68	67.92	48.833070	-86.937613	56101.15	56375.5	-125.46	55975.69	55973.34375	56045.06468	56037.30859	504578.4	5408901.1

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4580.0	504578.4	5408899.7	1294.40002	246.26	66.47	48.833058	-86.937613	56100.08	56375.5	-125.45	55974.63	55972.08984	56045.09177	56037.10156	504578.4	5408899.7
L4580.0	504578.4	5408898.2	1294.50000	247.11	63.25	48.833044	-86.937612	56098.96	56375.4	-125.45	55973.52	55970.78125	56045.15645	56036.92578	504578.4	5408898.2
L4580.0	504578.5	5408897.1	1294.59998	248.25	62.13	48.833034	-86.937612	56098.44	56375.4	-125.44	55973.00	55970.06641	56045.21639	56036.74219	504578.5	5408897.1
L4580.0	504578.5	5408896.1	1294.69995	249.00	62.13	48.833025	-86.937612	56098.16	56375.4	-125.43	55972.72	55969.58984	56045.29522	56036.57031	504578.5	5408896.1
L4580.0	504578.5	5408894.9	1294.80005	248.34	63.24	48.833014	-86.937611	56097.96	56375.4	-125.42	55972.53	55969.20313	56045.40318	56036.42578	504578.5	5408894.9
L4580.0	504578.5	5408894.0	1294.90002	247.95	63.24	48.833006	-86.937611	56097.96	56375.4	-125.42	55972.54	55969.01563	56045.53315	56036.30078	504578.5	5408894.0
L4580.0	504578.6	5408892.5	1295.00000	248.16	64.63	48.832992	-86.937610	56097.82	56375.4	-125.41	55972.41	55968.69141	56045.70793	56036.21875	504578.6	5408892.5
L4580.0	504578.6	5408891.3	1295.09998	249.03	64.63	48.832982	-86.937610	56098.14	56375.4	-125.40	55972.74	55968.82422	56045.88766	56036.13281	504578.6	5408891.3
L4580.0	504578.6	5408890.0	1295.19995	249.28	64.63	48.832970	-86.937610	56097.88	56375.4	-125.39	55972.50	55968.38672	56046.14104	56036.12109	504578.6	5408890.0
L4580.0	504578.6	5408888.9	1295.30005	249.31	66.08	48.832960	-86.937609	56098.19	56375.4	-125.37	55972.81	55968.50000	56046.39344	56036.10156	504578.6	5408888.9
L4580.0	504578.6	5408888.9	1295.40002	248.17	66.08	48.832960	-86.937609	56098.76	56375.4	-125.36	55973.40	55968.89453	56046.66282	56036.09766	504578.6	5408888.9
L4580.0	504578.7	5408887.4	1295.50000	245.36	64.73	48.832947	-86.937609	56099.42	56375.3	-125.35	55974.07	55969.37109	56046.96244	56036.12109	504578.7	5408887.4
L4580.0	504578.7	5408885.9	1295.59998	244.72	65.07	48.832934	-86.937609	56100.48	56375.3	-125.34	55975.15	55970.25391	56047.27018	56036.14844	504578.7	5408885.9
L4580.0	504578.7	5408885.0	1295.69995	245.03	66.39	48.832925	-86.937608	56100.62	56375.3	-125.33	55975.29	55970.19922	56047.67586	56036.26953	504578.7	5408885.0
L4580.0	504578.7	5408883.6	1295.80005	244.68	68.53	48.832912	-86.937608	56102.28	56375.3	-125.31	55976.96	55971.67578	56048.01461	56036.32031	504578.7	5408883.6
L4580.0	504578.8	5408882.0	1295.90002	244.94	68.53	48.832898	-86.937608	56103.27	56375.3	-125.30	55977.97	55972.49219	56048.43217	56036.44922	504578.8	5408882.0
L4580.0	504578.8	5408880.8	1296.00000	245.31	59.64	48.832887	-86.937607	56104.36	56375.3	-125.29	55979.07	55973.39453	56048.87825	56036.60156	504578.8	5408880.8
L4580.0	504578.8	5408880.8	1296.09998	246.37	68.33	48.832887	-86.937607	56105.92	56375.3	-125.29	55980.63	55974.76172	56049.32783	56036.75391	504578.8	5408880.8
L4580.0	504578.8	5408879.0	1296.19995	247.12	68.33	48.832871	-86.937607	56107.42	56375.3	-125.29	55982.14	55976.07813	56049.81454	56036.94141	504578.8	5408879.0
L4580.0	504578.8	5408877.6	1296.30005	245.63	67.41	48.832858	-86.937607	56109.08	56375.3	-125.28	55983.79	55977.53516	56050.32528	56037.14844	504578.8	5408877.6
L4580.0	504578.8	5408877.6	1296.40002	247.08	67.41	48.832858	-86.937607	56110.43	56375.3	-125.28	55985.15	55978.70313	56050.88827	56037.40625	504578.8	5408877.6
L4580.0	504578.8	5408875.7	1296.50000	247.87	67.58	48.832841	-86.937607	56111.92	56375.3	-125.28	55986.64	55980.00000	56051.47501	56037.68359	504578.8	5408875.7
L4580.0	504578.8	5408874.5	1296.59998	248.09	67.9	48.832830	-86.937607	56113.62	56375.3	-125.28	55988.34	55981.50781	56052.07965	56037.97656	504578.8	5408874.5
L4580.0	504578.9	5408872.9	1296.69995	247.61	67.9	48.832817	-86.937607	56116.09	56375.3	-125.28	55990.81	55983.78516	56052.66428	56038.24609	504578.9	5408872.9
L4580.0	504578.9	5408871.7	1296.80005	247.52	65.93	48.832805	-86.937607	56117.82	56375.3	-125.27	55992.54	55985.32422	56053.32898	56038.59375	504578.9	5408871.7
L4580.0	504578.9	5408870.3	1296.90002	248.02	65.93	48.832793	-86.937607	56120.34	56375.3	-125.27	55995.07	55987.66016	56053.97047	56038.91797	504578.9	5408870.3
L4580.0	504578.9	5408870.3	1297.00000	247.87	62.96	48.832793	-86.937607	56121.91	56375.3	-125.27	55996.64	55989.03906	56054.70543	56039.32813	504578.9	5408870.3
L4580.0	504578.9	5408868.8	1297.09998	246.60	67.37	48.832779	-86.937607	56124.09	56375.3	-125.26	55998.83	55991.03906	56055.42785	56039.72656	504578.9	5408868.8
L4580.0	504578.9	5408867.1	1297.19995	247.55	67.37	48.832764	-86.937607	56126.62	56375.2	-125.24	56001.38	55993.39844	56056.15438	56040.12891	504578.9	5408867.1
L4580.0	504578.8	5408865.9	1297.30005	249.08	64.19	48.832753	-86.937607	56128.84	56375.2	-125.23	56003.62	55995.44922	56056.92895	56040.57422	504578.8	5408865.9
L4580.0	504578.8	5408864.3	1297.40002	249.28	64.19	48.832739	-86.937607	56130.74	56375.2	-125.21	56005.52	55997.15625	56057.75284	56041.06641	504578.8	5408864.3
L4580.0	504578.8	5408864.3	1297.50000	249.35	62.84	48.832739	-86.937607	56133.09	56375.2	-125.20	56007.89	55999.33984	56058.57129	56041.55469	504578.8	5408864.3
L4580.0	504578.8	5408862.3	1297.59998	248.98	62.9	48.832721	-86.937607	56136.31	56375.2	-125.19	56011.13	56002.39063	56059.35685	56042.00391	504578.8	5408862.3
L4580.0	504578.8	5408860.9	1297.69995	245.83	62.9	48.832708	-86.937607	56138.30	56375.2	-125.17	56013.13	56004.19922	56060.24942	56042.55859	504578.8	5408860.9
L4580.0	504578.8	5408859.2	1297.80005	245.78	62.9	48.832693	-86.937607	56140.94	56375.2	-125.16	56015.78	56006.66016	56061.12221	56043.09375	504578.8	5408859.2
L4580.0	504578.8	5408859.2	1297.90002	244.46	52.6	48.832693	-86.937607	56143.67	56375.1	-125.14	56018.52	56009.21094	56062.01173	56043.64453	504578.8	5408859.2
L4580.0	504578.8	5408857.9	1298.00000	244.70	52.6	48.832681	-86.937608	56146.85	56375.1	-125.13	56021.72	56012.22266	56062.89252	56044.18359	504578.8	5408857.9
L4580.0	504578.8	5408856.6	1298.09998	246.18	54.01	48.832670	-86.937608	56149.28	56375.1	-125.12	56024.16	56014.47656	56063.84508	56044.79297	504578.8	5408856.6
L4580.0	504578.8	5408854.9	1298.19995	246.43	57.66	48.832655	-86.937608	56152.57	56375.1	-125.11	56027.46	56017.58984	56064.76061	56045.36328	504578.8	5408854.9
L4580.0	504578.8	5408854.9	1298.30005	245.03	57.66	48.832655	-86.937608	56155.27	56375.1	-125.10	56030.16	56020.10156	56065.73562	56045.99219	504578.8	5408854.9
L4580.0	504578.8	5408853.2	1298.40002	244.62	57.1	48.832639	-86.937608	56157.96	56375.1	-125.09	56032.86	56022.61328	56066.72928	56046.64063	504578.8	5408853.2
L4580.0	504578.8	5408851.5	1298.50000	244.10	54.07	48.832624	-86.937608	56160.59	56375.1	-125.08	56035.50	56025.06641	56067.74478	56047.30859	504578.8	5408851.5
L4580.0	504578.8	5408850.5	1298.59998	244.34	54.07	48.832614	-86.937608	56163.37	56375.1	-125.08	56038.29	56027.66797	56068.76730	56047.98047	504578.8	5408850.5
L4580.0	504578.8	5408850.5	1298.69995	247.22	57.52	48.832614	-86.937608	56165.80	56375.1	-125.07	56040.73	56029.92188	56069.82937	56048.69141	504578.8	5408850.5
L4580.0	504578.7	5408848.6	1298.80005	245.15	57.52	48.832598	-86.937608	56168.78	56375.1	-125.06	56043.72	56032.72656	56070.87018	56049.38281	504578.7	5408848.6
L4580.0	504578.7	5408847.1	1298.90002	245.51	57.33	48.832584	-86.937609	56171.52	56375	-125.05	56046.47	56035.28906	56071.94162	56050.10156	504578.7	5408847.1
L4580.0	504578.7	5408845.7	1299.00000	247.74	57.33	48.832571	-86.937609	56173.46	56375	-125.04	56048.42	56037.05469	56073.08022	56050.89063	504578.7	5408845.7
L4580.0	504578.7	5408844.5	1299.09998	248.79	55.35	48.832560	-86.937609	56176.57	56375	-125.03	56051.54	56039.98828	56074.15389	56051.60938	504578.7	5408844.5
L4580.0	504578.7	5408844.5	1299.19995	248.82	56.92	48.832560	-86.937609	56179.76	56375	-125.02	56054.74	56043.00000	56075.23453	56052.33984	504578.7	5408844.5
L4580.0	504578.7	5408842.9	1299.30005	248.96	56.92	48.832546	-86.937609	56182.19	56375	-125.00	56057.18	56045.25391	56076.37739	56053.12891	504578.7	5408842.9
L4580.0	504578.7	5408841.2	1299.40002	249.81	58.15	48.832531	-86.937609	56185.06	56375	-124.99	56060.07	56047.96094	56077.50108	56053.89844	504578.7	5408841.2
L4580.0	504578.7	5408839.9	1299.50000	249.79	58.15	48.832519	-86.937610	56187.52	56375	-124.98	56062.54	56050.24219	56078.66287	56054.70703	504578.7	5408839.9
L4580.0	504578.7	5408838.4	1299.59998	250.61	59.24	48.832506	-86.937610	56189.93	56375	-124.97	56064.97	56052.48828	56079.83673	56055.52734	504578.7	5408838.4
L4580.0	504578.7	5408838.4	1299.69995	249.65	58.77	48.832506	-86.937610	56192.78	56375	-124.96	56067.82	56055.15234	56080.99130	56056.32813	504578.7	5408838.4
L4580.0	504578.6	5408837.0	1299.80005	247.97	58.77	48.832493	-86.937610	56195.86	56374.9	-124.94	56070.91	56058.05469	56082.13792	56057.12109	504578.6	5408837.0
L4580.0	504578.6	5408835.1	1299.90002	248.59	59.12	48.832476	-86.937610	56198.60	56374.9	-124.93	56073.67	56060.63281	56083.31393	56057.94531	504578.6	5408835.1
L4580.0	504578.6	5408835.1	1300.00000	248.03	55	48.832476	-86.937610	56200.73	56374.9	-124.92	56075.81	56062.58594	56084.53803	56058.81641	504578.6	5408835.1
L4580.0	504578.6	5408833.7	1300.09998	246.81	55	48.832464	-86.937610	56203.23	56374.9	-124.91	56078.32	56064.91016	56085.74360	56059.67188	504578.6	5408833.7
L4580.0	504578.6	5408832.1	1300.19995	247.70	56.4	48.832449	-86.937610	56205.61	56374.9	-124.91	56080.71	56067.11328	56086.96270	56060.53906	504578.6	5408832.1
L4580.0	504578.7	5408830.7	1300.30005	248.29	58.19	48.832436	-86.937610	56207.81	56374.9	-124.90	56082.91	56069.12891	56088.19942	56061.42578	504578.7	5408830.7
L4580.0	504578.7	5408829.1	1300.40002	250.01	58.29	48.832422	-86.937610	56210.27	56374.9	-124.89	56085.38	56071.41406	56089.42254	56062.30078	504578.7	5408829.1
L4580.0	504578.7	5408829.1	1300.50000	249.94	58.29	48.832422	-86.937610	56213.30	56374.9	-124.88	56088.41	56074.25781	56090.61216	56063.14063	504578.7	5408829.1
L4580.0	504578.7	5408828.0	1300.59998	248.70	58.18	48.832412	-86.937610	56215.56	56374.9	-124.88	56090.68	56076.34375	56091.85576	56064.03906	504578.7	5408828.0
L4580.0	504578.7	5408826.8	1300.69995	249.21	57.95	48.832402	-86.937610	56218.25	56374.9	-124.87	56093.38	56078.85547	56093.07350	56064.91016	504578.7	5408826.8
L4580.0	504578.7	5408825.3	1300.80005	250.10	57.95	48.832388	-86.937610	56220.11	56374.9	-124.86	56095.24	56080.53125	56094.34954	56065.83984	504578.7	5408825.3
L4580.0	504578.7	5408824.1	1300.90002	249.86	51.14	48.832378	-86.937610	56222.42	56374.9	-124.86	56097.56	56082.66406	56095.59675	56066.74609	504578.7	5408824.1
L4580.0	504578.7	5408822.7	1301.00000	249.85	51.14	48.832364	-86.937609	56224.30	56374.8	-124.85	56099.45	56084.37109	56096.87399	56067.67969	504578.7	5408822.7
L4580.0	504578.7	5408822.7	1301.09998	250.58	47.76	48.832364	-86.937609	56226.76	56374.8	-124.84	56101.92	56086.65625	56098.11349	56068.58203	504578.7	5408822.7
L4580.0	504578.7	5408821.1	1301.19995	250.31	56.72	48.832350	-86.937609	56229.21	56374.8	-124.83	56104.39	56088.93750	56099.35348	56069.48047	504578.7	5408821.1
L4580.0	504578.7	5408819.9	1301.30005	249.39	56.72	48.832339	-86.937609	56231.38	56374.8	-124.81	56106.56	56090.92188	56100.61355	56070.40625	504578.7	5408819.9
L4580.0	504578.7	5408818.3	1301.40002	250.21	55.73	48.832325	-86.937609	56233.63	56374.8	-124.80	56108.82	56093.00000	56101.86731	56071.32422	504578.7	5408818.3
L4580.0	504578.7	5408816.9	1301.50000	249.56	55.73	48.832312	-86.937609	56235.84	56374.8	-124.79	56111.05	56095.04297	56103.12237	56072.24609	504578.7	5408816.9
L4580.0	504578.7	5408816.9	1301.59998	247.12	54.49	48.832312	-86.937609	56238.76	56374.8	-124.78	56113.98	56097.78516	56104.32969	56073.12500	504578.7	5408816.9
L4580.0	504578.8	5408815.5	1301.69995	246.03	54.49	48.832300	-86.937609	56240.60	56374.8	-124.77	56115.83	56099.45313	56105.60759	56074.07422	504578.8	5408815.5
L4580.0	504578.8	5408814.1	1301.80005	247.18	56.09	48.832287	-86.937609	56242.79	56374.8	-124.75	56118.04	56101.47656	56106.85972	56075.00000	504578.8	5408814.1
L4580.0	504578.8	5408812.4	1301.90002	246.65	56.28	48.832272	-86.937609	56245.07	56374.7	-124.74	56120.32	56103.57031	56108.10509	56075.92188	504578.8	5408812.4
L4580.0	504578.8	5408812.4	1302.00000	246.73	56.28	48.832272	-86.937609	56247.04	56374.7	-124.73	56122.31	56105.37500	56109.36739	56076.86328	504578.8	5408812.4
L4580.0	504578.8	5408810.8	1302.09998	245.65	47.03	48.832258	-86.937609	56249.53	56374.7	-124.72	56124.81	56107.69141	56110.59297	56077.76953	504578.8	5408810.8
L4580.0	504578.8	5408809.3	1302.19995	246.07	47.61	48.832244	-86.937609	56251.29	56374.7	-124.71	56126.58	56109.27734	56111.86421	56078.72656	504578.8	5408809.3
L4580.0	504578.8	5408808.0	1302.30005	245.08	47.61	48.832232	-86.937609	56253.07	56374.7	-124.70	56128.37	56110.88281	56113.13084	56079.67969	504578.8	5408808.0
L4580.0	504578.8	5408808.0	1302.40002	244.52	48.73	48.832232	-86.937609	56254.99	56374.7	-124.69	56130.30	56112.62500	56114.38458	56080.62500	504578.8	5408808.0
L4580.0	504578.7	5408805.7	1302.50000	245.06	48.73	48.832211	-86.937609	56257.43	56374.7	-124.68	56132.75	56114.89063	56115.59983	56081.53516	504578.7	5408805.7
L4580.0	504578.7	5408805.7	1302.59998	244.71	53.67	48.832211	-86.937609	56259.25	56374.7	-124.67	56134.58	56116.53906	56116.85236	56082.48438	504578.7	5408805.7
L4580.0	504578.7	5408804.0	1302.69995	245.53	54.95	48.832196	-86.937609	56261.68	56374.7	-124.66	56137.02	56118.79297	56118.05992	56083.39063	504578.7	5408804.0
L4580.0	504578.7	5408802.8	1302.80005	246.48	54.95	48.832186	-86.937609	56263.82	56374.7	-124.65	56139.17	56120.76172	56119.28229	56084.31641	504578.7	5408802.8
L4580.0	504578.7	5408801.9	1302.90002	244.91	55.86	48.832178	-86.937609	56265.36	56374.6	-124.64	56140.72	56122.12891	56120.53990	56085.28125	504578.7	5408801.9
L4580.0	504578.7	5408799.8	1303.00000	247.00	55.86	48.832158	-86.937609	56267.58	56374.6	-124.63	56142.95	56124.17578	56121.74722	56086.19531	504578.7	5408799.8
L4580.0	504578.7	5408798.5	1303.09998	246.60	51.63	48.832147	-86.937609	56269.03	56374.6	-124.62	56144.40	56125.44531	56123.00137	56087.16406	504578.7	5408798.5
L4580.0	504578.7	5408797.1	1303.19995	248.30	51.63	48.832134	-86.937609	56270.68	56374.6	-124.62	56146.06	56126.92188	56124.23616	56088.11719	504578.7	5408797.1
L4580.0	504578.7	5408797.1	1303.30005	248.30	52.67	48.832134	-86.937609	56272.78	56374.6	-124.61	56148.17	56128.85156	56125.43539	56089.03516	504578.7	5408797.1
L4580.0	504578.7	5408795.5	1303.40002	246.86	54.61	48.832119	-86.937609	56274.54	56374.6	-124.61	56149.93	56130.42969	56126.65223	56089.97656	504578.7	5408795.5
L4580.0	504578.7	5408793.8	1303.50000	246.95	54.61	48.832104	-86.937609	56276.84	56374.6	-124.60	56152.24	56132.55859	56127.82650	56090.87891	504578.7	5408793.8
L4580.0	504578.7	5408792.4	1303.59998	246.30	54.61	48.832092	-86.937609	56278.65	56374.6	-124.59	56154.05	56134.19141	56129.02802	56091.81641	504578.7	5408792.4

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4580.0	504578.7	5408791.0	1303.69995	245.63	57.87	48.832079	-86.937609	56280.71	56374.6	-124.59	56156.13	56136.09375	56130.20531	56092.73047	504578.7	5408791.0
L4580.0	504578.7	5408791.0	1303.80005	248.15	57.2	48.832079	-86.937609	56282.18	56374.6	-124.58	56157.59	56137.37500	56131.41754	56093.68359	504578.7	5408791.0
L4580.0	504578.8	5408789.5	1303.90002	248.30	57.2	48.832066	-86.937609	56284.04	56374.6	-124.58	56159.46	56139.06641	56132.59590	56094.60547	504578.8	5408789.5
L4580.0	504578.8	5408787.8	1304.00000	249.48	58.15	48.832051	-86.937609	56285.82	56374.6	-124.57	56161.25	56140.68359	56133.77290	56095.53125	504578.8	5408787.8
L4580.0	504578.8	5408787.8	1304.09998	247.75	48.53	48.832051	-86.937609	56287.88	56374.6	-124.56	56163.32	56142.57813	56134.92442	56096.43750	504578.8	5408787.8
L4580.0	504578.8	5408786.4	1304.19995	248.63	48.53	48.832038	-86.937609	56289.61	56374.6	-124.55	56165.05	56144.13281	56136.09164	56097.36328	504578.8	5408786.4
L4580.0	504578.8	5408784.8	1304.30005	249.61	48.53	48.832023	-86.937609	56291.15	56374.5	-124.55	56166.60	56145.51172	56137.26378	56098.29688	504578.8	5408784.8
L4580.0	504578.8	5408783.1	1304.40002	249.26	47.49	48.832008	-86.937608	56293.22	56374.5	-124.54	56168.68	56147.41797	56138.39337	56099.19531	504578.8	5408783.1
L4580.0	504578.8	5408783.1	1304.50000	249.78	51.86	48.832008	-86.937608	56295.11	56374.5	-124.53	56170.58	56149.14844	56139.52763	56100.10156	504578.8	5408783.1
L4580.0	504578.8	5408781.1	1304.59998	249.20	51.86	48.831990	-86.937608	56296.24	56374.5	-124.52	56171.72	56150.12109	56140.70511	56101.05469	504578.8	5408781.1
L4580.0	504578.8	5408780.1	1304.69995	248.93	53.64	48.831982	-86.937608	56297.99	56374.5	-124.51	56173.48	56151.71094	56141.83370	56101.96484	504578.8	5408780.1
L4580.0	504578.8	5408778.9	1304.80005	248.25	53.64	48.831971	-86.937608	56299.93	56374.5	-124.51	56175.43	56153.49609	56142.94196	56102.85938	504578.8	5408778.9
L4580.0	504578.8	5408777.5	1304.90002	247.78	53.17	48.831958	-86.937608	56301.83	56374.5	-124.50	56177.33	56155.23047	56144.04579	56103.75391	504578.8	5408777.5
L4580.0	504578.8	5408777.5	1305.00000	247.75	52.6	48.831958	-86.937608	56303.10	56374.5	-124.49	56178.61	56156.34766	56145.18308	56104.68750	504578.8	5408777.5
L4580.0	504578.8	5408776.0	1305.09998	245.81	52.6	48.831944	-86.937608	56304.24	56374.5	-124.48	56179.76	56157.33984	56146.32107	56105.62891	504578.8	5408776.0
L4580.0	504578.8	5408774.3	1305.19995	245.85	52.6	48.831929	-86.937608	56305.52	56374.5	-124.47	56181.06	56158.48047	56147.44100	56106.55469	504578.8	5408774.3
L4580.0	504578.8	5408772.8	1305.30005	245.03	44.61	48.831916	-86.937608	56307.41	56374.5	-124.46	56182.96	56160.22266	56148.51279	56107.43750	504578.8	5408772.8
L4580.0	504578.8	5408772.8	1305.40002	243.27	48.58	48.831916	-86.937608	56309.58	56374.4	-124.45	56185.13	56162.23438	56149.55835	56108.30078	504578.8	5408772.8
L4580.0	504578.9	5408771.1	1305.50000	244.91	48.58	48.831901	-86.937608	56311.09	56374.4	-124.43	56186.65	56163.60156	56150.63892	56109.20313	504578.9	5408771.1
L4580.0	504578.9	5408769.9	1305.59998	246.32	46.06	48.831889	-86.937608	56312.34	56374.4	-124.42	56187.91	56164.71094	56151.72842	56110.12109	504578.9	5408769.9
L4580.0	504578.9	5408768.2	1305.69995	246.01	46.06	48.831875	-86.937607	56314.33	56374.4	-124.41	56189.92	56166.57031	56152.75945	56110.98438	504578.9	5408768.2
L4580.0	504578.9	5408768.2	1305.80005	246.32	48.01	48.831875	-86.937607	56316.02	56374.4	-124.40	56191.61	56168.11328	56153.80326	56111.86719	504578.9	5408768.2
L4580.0	504578.9	5408766.8	1305.90002	246.05	48.01	48.831861	-86.937607	56317.16	56374.4	-124.39	56192.77	56169.12891	56154.87377	56112.78125	504578.9	5408766.8
L4580.0	504578.9	5408765.1	1306.00000	246.90	50.31	48.831846	-86.937607	56318.36	56374.4	-124.38	56193.98	56170.19922	56155.93225	56113.68750	504578.9	5408765.1
L4580.0	504579.0	5408763.6	1306.09998	246.96	50.31	48.831833	-86.937607	56319.87	56374.4	-124.37	56195.50	56171.57813	56156.96129	56114.57031	504579.0	5408763.6
L4580.0	504579.0	5408762.2	1306.19995	246.48	49.76	48.831820	-86.937606	56321.63	56374.4	-124.36	56197.27	56173.21094	56157.96482	56115.43750	504579.0	5408762.2
L4580.0	504579.0	5408762.2	1306.30005	245.90	49.76	48.831820	-86.937606	56322.93	56374.3	-124.35	56198.59	56174.39844	56158.98945	56116.32813	504579.0	5408762.2
L4580.0	504579.0	5408760.3	1306.40002	246.35	43.24	48.831803	-86.937606	56323.87	56374.3	-124.34	56199.54	56175.21875	56160.02978	56117.23828	504579.0	5408760.3
L4580.0	504579.0	5408758.8	1306.50000	244.95	44.35	48.831790	-86.937605	56325.51	56374.3	-124.32	56201.18	56176.73047	56161.01507	56118.10156	504579.0	5408758.8
L4580.0	504579.1	5408757.1	1306.59998	246.74	44.35	48.831774	-86.937605	56326.93	56374.3	-124.31	56202.62	56178.04297	56162.00459	56118.97266	504579.1	5408757.1
L4580.0	504579.1	5408755.4	1306.69995	246.63	44.35	48.831759	-86.937605	56328.32	56374.3	-124.30	56204.01	56179.31250	56162.98829	56119.84766	504579.1	5408755.4
L4580.0	504579.1	5408755.4	1306.80005	245.51	51.92	48.831759	-86.937605	56330.05	56374.3	-124.29	56205.76	56180.94141	56163.93876	56120.69141	504579.1	5408755.4
L4580.0	504579.1	5408753.8	1306.90002	245.10	51.92	48.831745	-86.937605	56330.56	56374.3	-124.28	56206.28	56181.34766	56164.96195	56121.61328	504579.1	5408753.8
L4580.0	504579.1	5408752.6	1307.00000	245.37	41.99	48.831734	-86.937605	56332.29	56374.3	-124.27	56208.02	56182.97656	56165.89447	56122.45313	504579.1	5408752.6
L4580.0	504579.1	5408752.6	1307.09998	246.27	43.05	48.831734	-86.937605	56333.55	56374.3	-124.26	56209.29	56184.13672	56166.84891	56123.32031	504579.1	5408752.6
L4580.0	504579.1	5408751.1	1307.19995	244.73	43.05	48.831720	-86.937604	56334.97	56374.3	-124.25	56210.72	56185.46094	56167.78323	56124.17188	504579.1	5408751.1
L4580.0	504579.1	5408748.9	1307.30005	244.69	42.29	48.831701	-86.937604	56336.74	56374.2	-124.24	56212.50	56187.14063	56168.68469	56125.00000	504579.1	5408748.9
L4580.0	504579.1	5408747.8	1307.40002	243.60	42.29	48.831691	-86.937604	56337.70	56374.2	-124.23	56213.47	56188.01172	56169.63057	56125.87500	504579.1	5408747.8
L4580.0	504579.1	5408746.3	1307.50000	243.19	40.74	48.831678	-86.937604	56339.29	56374.2	-124.22	56215.06	56189.50781	56170.52548	56126.70703	504579.1	5408746.3
L4580.0	504579.1	5408746.3	1307.59998	244.31	40.74	48.831678	-86.937604	56340.36	56374.2	-124.22	56216.14	56190.50000	56171.44469	56127.56641	504579.1	5408746.3
L4580.0	504579.2	5408744.6	1307.69995	243.91	44.85	48.831662	-86.937604	56341.36	56374.2	-124.21	56217.15	56191.42188	56172.35882	56128.42969	504579.2	5408744.6
L4580.0	504579.2	5408743.2	1307.80005	246.48	44.85	48.831649	-86.937604	56342.22	56374.2	-124.20	56218.03	56192.21875	56173.27179	56129.29688	504579.2	5408743.2
L4580.0	504579.2	5408741.6	1307.90002	246.03	51.29	48.831635	-86.937604	56343.47	56374.2	-124.19	56219.28	56193.39063	56174.15022	56130.13672	504579.2	5408741.6
L4580.0	504579.2	5408741.6	1308.00000	245.46	45.12	48.831635	-86.937604	56345.39	56374.2	-124.18	56221.21	56195.25000	56174.97339	56130.92578	504579.2	5408741.6
L4580.0	504579.2	5408741.6	1308.09998	248.00	45.12	48.831635	-86.937604	56347.07	56374.2	-124.17	56222.90	56196.86719	56175.80256	56131.72656	504579.2	5408741.6
L4580.0	504579.2	5408738.5	1308.19995	246.22	45.12	48.831607	-86.937603	56348.27	56374.2	-124.15	56224.12	56198.02344	56176.65301	56132.55469	504579.2	5408738.5
L4580.0	504579.2	5408738.5	1308.30005	247.19	51.57	48.831607	-86.937603	56349.29	56374.1	-124.14	56225.15	56198.99219	56177.50602	56133.39453	504579.2	5408738.5
L4580.0	504579.2	5408737.0	1308.40002	246.82	52.73	48.831594	-86.937603	56350.41	56374.1	-124.13	56226.28	56200.06641	56178.34218	56134.22266	504579.2	5408737.0
L4580.0	504579.2	5408735.4	1308.50000	246.60	52.51	48.831579	-86.937603	56351.18	56374.1	-124.12	56227.06	56200.79688	56179.19144	56135.06641	504579.2	5408735.4
L4580.0	504579.2	5408734.0	1308.59998	247.77	52.51	48.831566	-86.937604	56352.18	56374.1	-124.10	56228.07	56201.75781	56180.01507	56135.89453	504579.2	5408734.0
L4580.0	504579.2	5408734.0	1308.69995	248.10	52.51	48.831566	-86.937604	56353.50	56374.1	-124.09	56229.42	56203.06641	56180.80567	56136.69531	504579.2	5408734.0
L4580.0	504579.2	5408732.8	1308.80005	248.55	51.41	48.831556	-86.937604	56354.22	56374.1	-124.08	56230.14	56203.75000	56181.62784	56137.53125	504579.2	5408732.8
L4580.0	504579.2	5408731.6	1308.90002	248.52	53.25	48.831545	-86.937604	56354.75	56374.1	-124.06	56230.69	56204.26563	56182.45086	56138.37891	504579.2	5408731.6
L4580.0	504579.1	5408729.6	1309.00000	246.13	53.25	48.831528	-86.937604	56355.95	56374.1	-124.05	56231.90	56205.44922	56183.21931	56139.17578	504579.1	5408729.6
L4580.0	504579.1	5408728.5	1309.09998	244.22	53.24	48.831517	-86.937605	56357.15	56374	-124.04	56233.11	56206.63281	56183.97714	56139.96484	504579.1	5408728.5
L4580.0	504579.1	5408727.0	1309.19995	245.02	53.24	48.831504	-86.937605	56358.10	56374	-124.03	56234.07	56207.57422	56184.74095	56140.76953	504579.1	5408727.0
L4580.0	504579.1	5408727.0	1309.30005	246.63	54.26	48.831504	-86.937605	56359.75	56374	-124.02	56235.73	56209.22266	56185.44731	56141.52344	504579.1	5408727.0
L4580.0	504579.1	5408725.6	1309.40002	247.84	54.78	48.831491	-86.937606	56360.88	56374	-124.01	56236.87	56210.35547	56186.17752	56142.30859	504579.1	5408725.6
L4580.0	504579.0	5408724.2	1309.50000	248.63	54.78	48.831479	-86.937606	56361.90	56374	-124.00	56237.90	56211.38281	56186.90414	56143.09375	504579.0	5408724.2
L4580.0	504579.0	5408722.5	1309.59998	247.16	54.09	48.831463	-86.937606	56363.02	56374	-123.99	56239.03	56212.51172	56187.61312	56143.86719	504579.0	5408722.5
L4580.0	504579.0	5408722.5	1309.69995	247.58	54.09	48.831463	-86.937606	56364.27	56374	-123.98	56240.29	56213.78125	56188.30237	56144.62500	504579.0	5408722.5
L4580.0	504579.0	5408720.8	1309.80005	246.58	54.77	48.831448	-86.937607	56364.61	56374	-123.97	56240.64	56214.14453	56189.04115	56145.44141	504579.0	5408720.8
L4580.0	504579.0	5408719.7	1309.90002	246.25	45.31	48.831438	-86.937607	56365.81	56374	-123.96	56241.85	56215.37109	56189.71139	56146.19531	504579.0	5408719.7
L4580.0	504579.0	5408718.0	1310.00000	245.76	45.31	48.831422	-86.937607	56367.26	56373.9	-123.95	56243.31	56216.85156	56190.35367	56146.92969	504579.0	5408718.0
L4580.0	504578.9	5408716.6	1310.09998	246.79	51.72	48.831410	-86.937607	56368.20	56373.9	-123.94	56244.26	56217.83203	56191.01859	56147.69141	504578.9	5408716.6
L4580.0	504578.9	5408716.6	1310.19995	247.74	51.72	48.831410	-86.937607	56369.14	56373.9	-123.93	56245.21	56218.81250	56191.67205	56148.44531	504578.9	5408716.6
L4580.0	504578.9	5408715.4	1310.30005	247.81	49.99	48.831399	-86.937607	56369.73	56373.9	-123.92	56245.81	56219.45313	56192.33732	56149.21875	504578.9	5408715.4
L4580.0	504578.9	5408713.9	1310.40002	247.58	51.09	48.831386	-86.937608	56370.40	56373.9	-123.91	56246.48	56220.16797	56192.98632	56149.98047	504578.9	5408713.9
L4580.0	504578.9	5408712.1	1310.50000	247.27	51.09	48.831369	-86.937608	56371.52	56373.9	-123.90	56247.61	56221.34375	56193.59295	56150.71094	504578.9	5408712.1
L4580.0	504578.8	5408710.9	1310.59998	247.98	39.77	48.831359	-86.937609	56372.84	56373.9	-123.90	56248.95	56222.73828	56194.17382	56151.41797	504578.8	5408710.9
L4580.0	504578.8	5408710.9	1310.69995	246.56	46.87	48.831359	-86.937609	56373.71	56373.9	-123.89	56249.83	56223.67969	56194.77349	56152.14844	504578.8	5408710.9
L4580.0	504578.8	5408708.9	1310.80005	245.89	46.87	48.831341	-86.937609	56373.94	56373.9	-123.88	56250.06	56223.97266	56195.40456	56152.91797	504578.8	5408708.9
L4580.0	504578.8	5408707.8	1310.90002	247.09	46.87	48.831331	-86.937609	56374.79	56373.9	-123.87	56250.92	56224.90234	56195.98161	56153.64063	504578.8	5408707.8
L4580.0	504578.8	5408706.3	1311.00000	247.01	35.17	48.831318	-86.937610	56375.40	56373.9	-123.86	56251.54	56225.59766	56196.56256	56154.37109	504578.8	5408706.3
L4580.0	504578.8	5408706.3	1311.09998	247.46	39.27	48.831318	-86.937610	56376.45	56373.8	-123.85	56252.60	56226.73828	56197.10199	56155.06641	504578.8	5408706.3
L4580.0	504578.7	5408704.2	1311.19995	247.51	44.53	48.831299	-86.937610	56377.77	56373.8	-123.83	56253.94	56228.16406	56197.61049	56155.73828	504578.7	5408704.2
L4580.0	504578.7	5408702.8	1311.30005	247.07	44.53	48.831286	-86.937610	56377.85	56373.8	-123.82	56254.03	56228.34766	56198.18999	56156.48438	504578.7	5408702.8
L4580.0	504578.7	5408702.8	1311.40002	246.38	45.42	48.831286	-86.937610	56378.52	56373.8	-123.80	56254.71	56229.12109	56198.71773	56157.18750	504578.7	5408702.8
L4580.0	504578.7	5408700.2	1311.50000	247.31	45.42	48.831262	-86.937611	56379.76	56373.8	-123.79	56255.97	56230.48438	56199.19430	56157.84375	504578.7	5408700.2
L4580.0	504578.7	5408700.2	1311.59998	249.98	47.09	48.831262	-86.937611	56379.99	56373.8	-123.78	56256.22	56230.83984	56199.72563	56158.55859	504578.7	5408700.2
L4580.0	504578.7	5408698.7	1311.69995	250.58	47.09	48.831249	-86.937611	56380.78	56373.8	-123.76	56257.02	56231.75000	56200.20764	56159.23047	504578.7	5408698.7
L4580.0	504578.6	5408697.1	1311.80005	250.67	52.22	48.831234	-86.937612	56381.95	56373.7	-123.75	56258.21	56233.05469	56200.65093	56159.87109	504578.6	5408697.1
L4580.0	504578.6	5408696.1	1311.90002	249.39	53.11	48.831226	-86.937612	56382.70	56373.7	-123.73	56258.96	56233.92578	56201.11077	56160.53516	504578.6	5408696.1
L4580.0	504578.6	5408694.4	1312.00000	248.03	53.11	48.831211	-86.937612	56383.46	56373.7	-123.72	56259.74	56234.83203	56201.55574	56161.18750	504578.6	5408694.4
L4580.0	504578.6	5408694.4	1312.09998	246.97	53.11	48.831211	-86.937612	56384.51	56373.7	-123.72	56260.79	56236.01172	56201.96979	56161.81641	504578.6	5408694.4
L4580.0	504578.6	5408692.9	1312.19995	247.18	49.53	48.831197	-86.937612	56384.79	56373.7	-123.71	56261.07	56236.42969	56202.42218	56162.48828	504578.6	5408692.9
L4580.0	504578.6	5408691.5	1312.30005	247.11	49.53	48.831184	-86.937613	56385.40	56373.7	-123.71	56261.69	56237.18750	56202.83887	56163.12891	504578.6	5408691.5
L4580.0	504578.5	5408689.9	1312.40002	247.23	51.38	48.831170	-86.937613	56385.86	56373.7	-123.71	56262.15	56237.79297	56203.25312	56163.77344	504578.5	5408689.9
L4580.0	504578.5	5408689.9	1312.50000	245.97	48.37	48.831170	-86.937613	56386.14	56373.7	-123.71	56262.44	56238.23047	56203.66556	56164.41797	504578.5	5408689.9
L4580.0	504578.5	5408688.4	1312.59998	245.89	47.35	48.831157	-86.937613	56386.86	56373.7	-123.70	56263.16	56239.10547	56204.03614	56165.03125	504578.5	5408688.4
L4580.0	504578.5	5408686.8	1312.69995	246.62	47.35	48.831142	-86.937614	56387.34	56373.7	-123.70	56263.64	56239.74219	56204.40949	56165.64844	504578.5	5408686.8
L4580.0	504578.5	5408685.8	1312.80005	245.23	46.33	48.831134	-86.937614	56387.82	56373.7	-123.70	56264.13	56240.39453	56204.76890	56166.25781	504578.5	5408685.8
L4580.0	504578.5	5408684.3	1312.90002	247.30	46.33	48.831120	-86.937614	56388.29	56373.7	-123.69	56264.59	56241.02344	56205.11700	56166.86328	504578.5	5408684.3

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4580.0	504578.4	5408682.7	1313.00000	246.20	42.11	48.831106	-86.937615	56389.06	56373.7	-123.69	56265.36	56241.96484	56205.43111	56167.43750	504578.4	5408682.7
L4580.0	504578.4	5408682.7	1313.09998	248.34	48.82	48.831106	-86.937615	56389.20	56373.7	-123.68	56265.53	56242.30859	56205.77188	56168.04297	504578.4	5408682.7
L4580.0	504578.4	5408681.3	1313.19995	247.72	48.82	48.831093	-86.937615	56388.85	56373.7	-123.66	56265.18	56242.13672	56206.13394	56168.67188	504578.4	5408681.3
L4580.0	504578.4	5408681.3	1313.30005	247.72	51.65	48.831093	-86.937615	56389.08	56373.7	-123.65	56265.43	56242.57031	56206.44263	56169.25781	504578.4	5408681.3
L4580.0	504578.4	5408679.8	1313.40002	248.52	51.65	48.831080	-86.937615	56390.02	56373.6	-123.64	56266.39	56243.71484	56206.69061	56169.78516	504578.4	5408679.8
L4580.0	504578.4	5408678.5	1313.50000	247.63	51.65	48.831067	-86.937615	56390.31	56373.6	-123.63	56266.68	56244.19531	56206.96988	56170.34766	504578.4	5408678.5
L4580.0	504578.4	5408677.2	1313.59998	246.45	41.51	48.831056	-86.937616	56390.76	56373.6	-123.61	56267.15	56244.85938	56207.22379	56170.89063	504578.4	5408677.2
L4580.0	504578.3	5408675.6	1313.69995	245.36	45.06	48.831041	-86.937616	56391.12	56373.6	-123.60	56267.52	56245.42578	56207.47100	56171.42969	504578.3	5408675.6
L4580.0	504578.3	5408674.2	1313.80005	243.00	54.15	48.831029	-86.937616	56390.96	56373.6	-123.59	56267.38	56245.48828	56207.73888	56171.99219	504578.3	5408674.2
L4580.0	504578.3	5408673.0	1313.90002	244.04	54.15	48.831018	-86.937616	56391.30	56373.6	-123.57	56267.72	56246.03125	56207.96144	56172.51563	504578.3	5408673.0
L4580.0	504578.3	5408673.0	1314.00000	242.69	51.66	48.831018	-86.937616	56391.71	56373.6	-123.56	56268.15	56246.66797	56208.16473	56173.02344	504578.3	5408673.0
L4580.0	504578.3	5408671.1	1314.09998	243.70	53.56	48.831001	-86.937616	56391.48	56373.6	-123.55	56267.93	56246.65625	56208.39811	56173.56641	504578.3	5408671.1
L4580.0	504578.3	5408669.6	1314.19995	242.41	53.63	48.830987	-86.937617	56391.04	56373.5	-123.54	56267.50	56246.43750	56208.63230	56174.11328	504578.3	5408669.6
L4580.0	504578.3	5408668.2	1314.30005	241.76	53.63	48.830975	-86.937617	56391.53	56373.5	-123.53	56267.99	56247.14453	56208.79200	56174.58984	504578.3	5408668.2
L4580.0	504578.3	5408666.8	1314.40002	242.03	49.74	48.830962	-86.937617	56391.76	56373.5	-123.52	56268.23	56247.60156	56208.95527	56175.07031	504578.3	5408666.8
L4580.0	504578.3	5408664.9	1314.50000	243.04	49.74	48.830945	-86.937617	56391.43	56373.5	-123.51	56267.91	56247.50391	56209.14284	56175.58203	504578.3	5408664.9
L4580.0	504578.3	5408664.9	1314.59998	243.67	50.91	48.830945	-86.937617	56391.58	56373.5	-123.51	56268.07	56247.88672	56209.28544	56176.05078	504578.3	5408664.9
L4580.0	504578.3	5408663.8	1314.69995	245.56	50.91	48.830935	-86.937617	56391.50	56373.5	-123.50	56268.01	56248.05078	56209.42982	56176.52734	504578.3	5408663.8
L4580.0	504578.3	5408662.3	1314.80005	243.91	51.5	48.830922	-86.937617	56391.40	56373.5	-123.49	56267.91	56248.17578	56209.56404	56176.99219	504578.3	5408662.3
L4580.0	504578.3	5408660.7	1314.90002	243.61	51.5	48.830907	-86.937617	56391.43	56373.5	-123.48	56267.95	56248.44531	56209.67619	56177.44141	504578.3	5408660.7
L4580.0	504578.3	5408660.7	1315.00000	244.83	51.78	48.830907	-86.937617	56391.43	56373.5	-123.47	56267.96	56248.68750	56209.77770	56177.88281	504578.3	5408660.7
L4580.0	504578.3	5408659.1	1315.09998	245.78	52.55	48.830892	-86.937617	56391.32	56373.5	-123.46	56267.87	56248.83203	56209.87331	56178.32031	504578.3	5408659.1
L4580.0	504578.3	5408657.1	1315.19995	247.52	52.55	48.830875	-86.937617	56391.14	56373.4	-123.45	56267.70	56248.89453	56209.96179	56178.75391	504578.3	5408657.1
L4580.0	504578.3	5408655.7	1315.30005	246.85	51.3	48.830862	-86.937617	56390.61	56373.4	-123.43	56267.18	56248.60938	56210.06126	56179.19922	504578.3	5408655.7
L4580.0	504578.3	5408655.7	1315.40002	246.99	51.3	48.830862	-86.937617	56390.43	56373.4	-123.42	56267.00	56248.66797	56210.12580	56179.61719	504578.3	5408655.7
L4580.0	504578.3	5408654.2	1315.50000	247.39	50.9	48.830849	-86.937617	56390.25	56373.4	-123.41	56266.84	56248.74609	56210.17687	56180.01953	504578.3	5408654.2
L4580.0	504578.3	5408652.8	1315.59998	246.36	50.9	48.830836	-86.937617	56390.18	56373.4	-123.40	56266.78	56248.92578	56210.20926	56180.40625	504578.3	5408652.8
L4580.0	504578.3	5408651.6	1315.69995	245.93	55.4	48.830826	-86.937617	56389.84	56373.4	-123.39	56266.46	56248.84766	56210.24707	56180.80078	504578.3	5408651.6
L4580.0	504578.3	5408651.6	1315.80005	247.49	55.36	48.830826	-86.937617	56389.59	56373.4	-123.37	56266.21	56248.83984	56210.26845	56181.17969	504578.3	5408651.6
L4580.0	504578.2	5408650.2	1315.90002	247.24	55.36	48.830813	-86.937618	56389.13	56373.4	-123.36	56265.77	56248.64063	56210.29084	56181.56250	504578.2	5408650.2
L4580.0	504578.2	5408648.0	1316.00000	246.65	55.19	48.830793	-86.937618	56389.41	56373.3	-123.35	56266.06	56249.17188	56210.25305	56181.88672	504578.2	5408648.0
L4580.0	504578.2	5408648.0	1316.09998	246.60	55.19	48.830793	-86.937618	56388.82	56373.3	-123.34	56265.49	56248.84766	56210.26121	56182.26172	504578.2	5408648.0
L4580.0	504578.3	5408645.7	1316.19995	247.56	57.93	48.830772	-86.937618	56388.49	56373.3	-123.32	56265.16	56248.75781	56210.24214	56182.60547	504578.3	5408645.7
L4580.0	504578.3	5408645.7	1316.30005	247.29	59.59	48.830772	-86.937618	56387.85	56373.3	-123.31	56264.54	56248.38281	56210.23132	56182.96094	504578.3	5408645.7
L4580.0	504578.3	5408644.2	1316.40002	246.36	59.59	48.830759	-86.937618	56387.57	56373.3	-123.30	56264.28	56248.36719	56210.18555	56183.28516	504578.3	5408644.2
L4580.0	504578.3	5408642.7	1316.50000	245.10	58.81	48.830746	-86.937617	56387.60	56373.3	-123.29	56264.31	56248.64063	56210.10966	56183.57813	504578.3	5408642.7
L4580.0	504578.3	5408641.3	1316.59998	244.64	58.59	48.830733	-86.937617	56386.88	56373.3	-123.27	56263.61	56248.18359	56210.07181	56183.91016	504578.3	5408641.3
L4580.0	504578.3	5408639.9	1316.69995	246.08	58.59	48.830720	-86.937617	56386.40	56373.3	-123.26	56263.14	56247.95703	56210.00815	56184.21484	504578.3	5408639.9
L4580.0	504578.3	5408638.7	1316.80005	246.50	59.21	48.830709	-86.937617	56385.91	56373.2	-123.25	56262.67	56247.73047	56209.93419	56184.51172	504578.3	5408638.7
L4580.0	504578.3	5408638.7	1316.90002	246.73	61.55	48.830709	-86.937617	56385.50	56373.2	-123.23	56262.27	56247.57422	56209.84542	56184.79688	504578.3	5408638.7
L4580.0	504578.3	5408637.3	1317.00000	246.83	60.06	48.830697	-86.937617	56384.84	56373.2	-123.22	56261.62	56247.16406	56209.76335	56185.08594	504578.3	5408637.3
L4580.0	504578.3	5408635.9	1317.09998	248.17	60.06	48.830684	-86.937617	56384.46	56373.2	-123.21	56261.24	56247.02344	56209.65348	56185.34766	504578.3	5408635.9
L4580.0	504578.3	5408634.7	1317.19995	248.03	56.5	48.830673	-86.937617	56383.84	56373.2	-123.21	56260.64	56246.66406	56209.54867	56185.61328	504578.3	5408634.7
L4580.0	504578.3	5408633.4	1317.30005	247.62	56.82	48.830662	-86.937617	56383.23	56373.2	-123.20	56260.03	56246.29297	56209.43509	56185.87109	504578.3	5408633.4
L4580.0	504578.3	5408632.3	1317.40002	247.09	56.82	48.830652	-86.937617	56382.85	56373.2	-123.19	56259.66	56246.16406	56209.29625	56186.10547	504578.3	5408632.3
L4580.0	504578.3	5408630.8	1317.50000	247.81	58.35	48.830638	-86.937617	56382.09	56373.2	-123.19	56258.90	56245.64063	56209.17434	56186.35547	504578.3	5408630.8
L4580.0	504578.3	5408629.4	1317.59998	246.05	58.17	48.830626	-86.937617	56381.81	56373.2	-123.18	56258.63	56245.60547	56209.01090	56186.56250	504578.3	5408629.4
L4580.0	504578.3	5408629.4	1317.69995	246.08	58.17	48.830626	-86.937617	56381.09	56373.2	-123.17	56257.92	56245.12891	56208.86810	56186.78906	504578.3	5408629.4
L4580.0	504578.3	5408627.8	1317.80005	244.30	61.16	48.830611	-86.937618	56380.68	56373.2	-123.16	56257.52	56244.96094	56208.69614	56186.98828	504578.3	5408627.8
L4580.0	504578.3	5408626.5	1317.90002	246.14	61.16	48.830600	-86.937618	56379.61	56373.2	-123.16	56256.46	56244.13281	56208.55988	56187.21875	504578.3	5408626.5
L4580.0	504578.3	5408624.9	1318.00000	247.70	59.99	48.830585	-86.937618	56378.54	56373.2	-123.15	56255.39	56243.29297	56208.41619	56187.44141	504578.3	5408624.9
L4580.0	504578.3	5408623.7	1318.09998	246.87	59.99	48.830574	-86.937618	56378.28	56373.1	-123.14	56255.14	56243.26953	56208.20994	56187.60156	504578.3	5408623.7
L4580.0	504578.3	5408623.7	1318.19995	248.70	60.98	48.830574	-86.937618	56377.39	56373.1	-123.12	56254.26	56242.61328	56208.03799	56187.79688	504578.3	5408623.7
L4580.0	504578.3	5408622.0	1318.30005	249.60	60.98	48.830559	-86.937618	56377.01	56373.1	-123.11	56253.90	56242.47656	56207.82389	56187.94531	504578.3	5408622.0
L4580.0	504578.3	5408620.6	1318.40002	248.68	63.67	48.830546	-86.937618	56376.49	56373.1	-123.10	56253.39	56242.19141	56207.61249	56188.09375	504578.3	5408620.6
L4580.0	504578.3	5408619.2	1318.50000	246.40	61.45	48.830534	-86.937618	56375.76	56373.1	-123.08	56252.67	56241.68750	56207.40802	56188.25000	504578.3	5408619.2
L4580.0	504578.3	5408619.2	1318.59998	247.02	61.45	48.830534	-86.937618	56375.14	56373.1	-123.07	56252.07	56241.30469	56207.18868	56188.39063	504578.3	5408619.2
L4580.0	504578.2	5408617.5	1318.69995	247.09	57	48.830518	-86.937618	56374.43	56373.1	-123.06	56251.37	56240.82031	56206.96933	56188.52734	504578.2	5408617.5
L4580.0	504578.2	5408616.3	1318.80005	245.11	57	48.830508	-86.937618	56373.43	56373	-123.05	56250.39	56240.05469	56206.76220	56188.67578	504578.2	5408616.3
L4580.0	504578.2	5408614.8	1318.90002	244.62	47.94	48.830495	-86.937618	56372.62	56373	-123.03	56249.58	56239.45313	56206.53750	56188.80078	504578.2	5408614.8
L4580.0	504578.2	5408612.9	1319.00000	244.84	47.94	48.830478	-86.937618	56371.88	56373	-123.02	56248.86	56238.94141	56206.30076	56188.91406	504578.2	5408612.9
L4580.0	504578.2	5408612.9	1319.09998	248.05	52.86	48.830478	-86.937618	56371.34	56373	-123.01	56248.33	56238.61719	56206.04554	56189.00781	504578.2	5408612.9
L4580.0	504578.2	5408611.5	1319.19995	247.07	52.86	48.830464	-86.937618	56370.58	56373	-123.00	56247.57	56238.05859	56205.80004	56189.10938	504578.2	5408611.5
L4580.0	504578.2	5408609.8	1319.30005	247.11	53.36	48.830449	-86.937618	56369.66	56373	-123.00	56246.66	56237.35156	56205.55915	56189.20703	504578.2	5408609.8
L4580.0	504578.2	5408608.5	1319.40002	246.45	53.36	48.830438	-86.937618	56369.12	56373	-122.99	56246.13	56237.01563	56205.28773	56189.27734	504578.2	5408608.5
L4580.0	504578.2	5408608.5	1319.50000	247.08	54.94	48.830438	-86.937618	56367.46	56373	-122.98	56244.48	56235.56250	56205.08602	56189.41406	504578.2	5408608.5
L4580.0	504578.2	5408606.6	1319.59998	247.99	54.94	48.830421	-86.937618	56367.41	56373	-122.97	56244.43	56235.70313	56204.77287	56189.43359	504578.2	5408606.6
L4580.0	504578.2	5408604.9	1319.69995	248.75	61.04	48.830405	-86.937618	56366.63	56373	-122.96	56243.66	56235.12109	56204.50317	56189.49609	504578.2	5408604.9
L4580.0	504578.2	5408603.5	1319.80005	249.86	61.04	48.830393	-86.937618	56365.44	56373	-122.96	56242.49	56234.13672	56204.25580	56189.57422	504578.2	5408603.5
L4580.0	504578.2	5408602.1	1319.90002	248.78	55.73	48.830380	-86.937618	56364.96	56372.9	-122.95	56242.01	56233.83984	56203.95830	56189.60156	504578.2	5408602.1
L4580.0	504578.2	5408602.1	1320.00000	246.40	55.73	48.830380	-86.937618	56364.25	56372.9	-122.94	56241.31	56233.32031	56203.67154	56189.63672	504578.2	5408602.1
L4580.0	504578.2	5408598.5	1320.09998	246.36	55.75	48.830347	-86.937619	56363.58	56372.9	-122.92	56240.66	56232.84766	56203.37773	56189.66016	504578.2	5408598.5
L4580.0	504578.2	5408598.5	1320.19995	247.72	55.75	48.830347	-86.937619	56362.41	56372.9	-122.91	56239.50	56231.86328	56203.11441	56189.71094	504578.2	5408598.5
L4580.0	504578.2	5408598.5	1320.30005	248.02	55.75	48.830347	-86.937619	56361.74	56372.9	-122.89	56238.85	56231.38281	56202.81378	56189.71875	504578.2	5408598.5
L4580.0	504578.2	5408597.3	1320.40002	246.93	55.75	48.830336	-86.937619	56360.68	56372.9	-122.87	56237.80	56230.50391	56202.53672	56189.75000	504578.2	5408597.3
L4580.0	504578.2	5408595.3	1320.50000	245.28	58.85	48.830319	-86.937618	56360.39	56372.9	-122.85	56237.54	56230.40625	56202.20408	56189.72266	504578.2	5408595.3
L4580.0	504578.2	5408594.1	1320.59998	244.87	59.64	48.830308	-86.937618	56359.09	56372.8	-122.84	56236.26	56229.28906	56201.93674	56189.75391	504578.2	5408594.1
L4580.0	504578.2	5408594.1	1320.69995	246.59	59.64	48.830308	-86.937618	56358.12	56372.8	-122.82	56235.30	56228.48828	56201.64555	56189.75781	504578.2	5408594.1
L4580.0	504578.2	5408594.1	1320.80005	245.54	58.37	48.830308	-86.937618	56357.43	56372.8	-122.80	56234.63	56227.97266	56201.33272	56189.73828	504578.2	5408594.1
L4580.0	504578.2	5408590.7	1320.90002	244.69	58.37	48.830278	-86.937618	56356.46	56372.8	-122.79	56233.67	56227.16797	56201.03711	56189.72656	504578.2	5408590.7
L4580.0	504578.2	5408590.7	1321.00000	246.95	46.46	48.830278	-86.937618	56355.80	56372.8	-122.77	56233.03	56226.67578	56200.71823	56189.69531	504578.2	5408590.7
L4580.0	504578.2	5408589.3	1321.09998	248.34	47.6	48.830265	-86.937618	56355.36	56372.8	-122.75	56232.61	56226.40234	56200.38294	56189.63672	504578.2	5408589.3
L4580.0	504578.3	5408588.1	1321.19995	249.69	59.14	48.830254	-86.937618	56354.83	56372.7	-122.74	56232.09	56226.02734	56200.05276	56189.58203	504578.3	5408588.1
L4580.0	504578.3	5408586.6	1321.30005	250.55	59.14	48.830241	-86.937618	56354.32	56372.7	-122.72	56231.60	56225.67578	56199.71922	56189.51953	504578.3	5408586.6
L4580.0	504578.3	5408585.2	1321.40002	248.78	60.68	48.830228	-86.937618	56352.64	56372.7	-122.71	56229.93	56224.14453	56199.46315	56189.53125	504578.3	5408585.2
L4580.0	504578.3	5408585.2	1321.50000	247.96	59.9	48.830228	-86.937618	56352.41	56372.7	-122.69	56229.71	56224.05859	56199.10941	56189.44141	504578.3	5408585.2
L4580.0	504578.3	5408583.2	1321.59998	249.19	59.9	48.830210	-86.937618	56351.36	56372.7	-122.68	56228.68	56223.16016	56198.80883	56189.39844	504578.3	5408583.2
L4580.0	504578.3	5408582.0	1321.69995	249.06	61.57	48.830200	-86.937618	56350.62	56372.7	-122.67	56227.95	56222.55859	56198.48760	56189.32813	504578.3	5408582.0
L4580.0	504578.3	5408580.6	1321.80005	248.05	61.57	48.830187	-86.937618	56349.88	56372.7	-122.65	56227.23	56221.96484	56198.16522	56189.25781	504578.3	5408580.6
L4580.0	504578.3	5408579.1	1321.90002	248.33	61.24	48.830173	-86.937618	56349.16	56372.6	-122.64	56226.53	56221.38672	56197.84119	56189.17578	504578.3	5408579.1
L4580.0	504578.3	5408579.1	1322.00000	248.12	62.12	48.830173	-86.937618	56348.70	56372.6	-122.62	56226.08	56221.05469	56197.50034	56189.07813	504578.3	5408579.1
L4580.0	504578.3	5408577.4	1322.09998	248.11	62.12	48.830158	-86.937618	56347.46	56372.6	-122.61	56224.85	56219.94141	56197.21152	56189.02344	504578.3	5408577.4
L4580.0	504578.3	5408575.9	1322.19995	247.25	59.64	48.830145	-86.937618	56346.54	56372.6	-122.60	56223.93	56219.13672	56196.90221	56188.94531	504578.3	5408575.9

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4580.0	504578.3	5408574.8	1322.30005	246.51	62.42	48.830134	-86.937618	56345.82	56372.6	-122.60	56223.22	56218.53516	56196.57924	56188.84766	504578.3	5408574.8
L4580.0	504578.3	5408573.6	1322.40002	244.95	62.3	48.830123	-86.937618	56344.62	56372.6	-122.59	56222.03	56217.45313	56196.28876	56188.78125	504578.3	5408573.6
L4580.0	504578.3	5408571.8	1322.50000	245.23	62.3	48.830108	-86.937618	56344.42	56372.6	-122.58	56221.84	56217.36719	56195.93228	56188.64453	504578.3	5408571.8
L4580.0	504578.3	5408570.4	1322.59998	246.05	59.96	48.830095	-86.937618	56343.55	56372.6	-122.57	56220.97	56216.60156	56195.62193	56188.54688	504578.3	5408570.4
L4580.0	504578.3	5408570.4	1322.69995	246.15	59.96	48.830095	-86.937618	56343.70	56372.6	-122.56	56221.14	56216.87109	56195.24321	56188.37500	504578.3	5408570.4
L4580.0	504578.3	5408568.5	1322.80005	245.89	60.71	48.830078	-86.937618	56342.43	56372.6	-122.56	56219.87	56215.69922	56194.96158	56188.29688	504578.3	5408568.5
L4580.0	504578.3	5408567.2	1322.90002	245.76	60.71	48.830066	-86.937617	56342.02	56372.5	-122.55	56219.47	56215.39063	56194.62321	56188.16016	504578.3	5408567.2
L4580.0	504578.3	5408566.0	1323.00000	246.43	62.49	48.830056	-86.937617	56341.43	56372.5	-122.54	56218.89	56214.90234	56194.29821	56188.02734	504578.3	5408566.0
L4580.0	504578.3	5408566.0	1323.09998	244.88	56.04	48.830056	-86.937617	56340.18	56372.5	-122.53	56217.65	56213.75391	56194.01875	56187.94141	504578.3	5408566.0
L4580.0	504578.4	5408564.6	1323.19995	245.58	56.04	48.830042	-86.937617	56339.59	56372.5	-122.52	56217.07	56213.25781	56193.69694	56187.80469	504578.4	5408564.6
L4580.0	504578.4	5408563.1	1323.30005	245.58	56.04	48.830029	-86.937617	56338.80	56372.5	-122.52	56216.28	56212.55469	56193.39092	56187.67969	504578.4	5408563.1
L4580.0	504578.4	5408561.6	1323.40002	246.29	62.65	48.830016	-86.937617	56338.35	56372.5	-122.51	56215.84	56212.19531	56193.06348	56187.52734	504578.4	5408561.6
L4580.0	504578.4	5408560.5	1323.50000	246.50	61.4	48.830006	-86.937616	56337.68	56372.5	-122.50	56215.18	56211.61328	56192.75276	56187.39063	504578.4	5408560.5
L4580.0	504578.4	5408558.8	1323.59998	247.52	61.4	48.829991	-86.937616	56337.22	56372.5	-122.49	56214.73	56211.24219	56192.43019	56187.23438	504578.4	5408558.8
L4580.0	504578.4	5408558.8	1323.69995	250.11	61.4	48.829991	-86.937616	56336.54	56372.5	-122.48	56214.05	56210.63672	56192.12525	56187.09375	504578.4	5408558.8
L4580.0	504578.5	5408557.1	1323.80005	248.84	61.19	48.829975	-86.937616	56335.33	56372.5	-122.48	56212.85	56209.50781	56191.85736	56186.98438	504578.5	5408557.1
L4580.0	504578.5	5408555.6	1323.90002	248.37	61.02	48.829962	-86.937615	56334.52	56372.5	-122.47	56212.05	56208.77734	56191.56532	56186.84766	504578.5	5408555.6
L4580.0	504578.5	5408554.2	1324.00000	248.52	61.02	48.829949	-86.937615	56333.83	56372.5	-122.46	56211.37	56208.16797	56191.26788	56186.69922	504578.5	5408554.2
L4580.0	504578.5	5408554.2	1324.09998	247.63	49.43	48.829949	-86.937615	56333.57	56372.4	-122.44	56211.14	56208.00391	56190.94316	56186.52344	504578.5	5408554.2
L4580.0	504578.5	5408553.0	1324.19995	247.91	49.43	48.829939	-86.937615	56332.95	56372.4	-122.42	56210.54	56207.46875	56190.64591	56186.36719	504578.5	5408553.0
L4580.0	504578.6	5408551.4	1324.30005	246.59	51.01	48.829924	-86.937614	56332.57	56372.4	-122.40	56210.18	56207.16797	56190.33557	56186.19141	504578.6	5408551.4
L4580.0	504578.6	5408551.4	1324.40002	247.02	51.01	48.829924	-86.937614	56331.53	56372.4	-122.38	56209.15	56206.19922	56190.07288	56186.06250	504578.6	5408551.4
L4580.0	504578.6	5408549.7	1324.50000	249.26	53.06	48.829909	-86.937614	56331.15	56372.4	-122.35	56208.79	56205.89844	56189.76860	56185.88672	504578.6	5408549.7
L4580.0	504578.6	5408548.2	1324.59998	249.29	58.12	48.829895	-86.937613	56330.69	56372.3	-122.33	56208.35	56205.51563	56189.47280	56185.71875	504578.6	5408548.2
L4580.0	504578.7	5408546.5	1324.69995	248.99	58.12	48.829880	-86.937613	56330.22	56372.3	-122.31	56207.91	56205.12891	56189.18023	56185.54688	504578.7	5408546.5
L4580.0	504578.7	5408545.4	1324.80005	248.29	54.64	48.829870	-86.937613	56329.67	56372.3	-122.29	56207.38	56204.65234	56188.89695	56185.37891	504578.7	5408545.4
L4580.0	504578.7	5408544.1	1324.90002	247.99	54.64	48.829859	-86.937613	56329.13	56372.3	-122.27	56206.86	56204.18359	56188.61637	56185.21094	504578.7	5408544.1
L4580.0	504578.7	5408542.7	1325.00000	247.27	57.21	48.829846	-86.937612	56328.32	56372.3	-122.25	56206.07	56203.44531	56188.35720	56185.05859	504578.7	5408542.7
L4580.0	504578.7	5408541.8	1325.09998	245.25	57.21	48.829838	-86.937612	56328.26	56372.2	-122.24	56206.02	56203.44141	56188.05217	56184.85938	504578.7	5408541.8
L4580.0	504578.7	5408540.5	1325.19995	245.14	56.5	48.829826	-86.937612	56327.90	56372.2	-122.23	56205.67	56203.14063	56187.77066	56184.67969	504578.7	5408540.5
L4580.0	504578.7	5408540.5	1325.30005	243.88	57.42	48.829826	-86.937612	56327.02	56372.2	-122.22	56204.80	56202.31641	56187.52739	56184.53125	504578.7	5408540.5
L4580.0	504578.8	5408537.5	1325.40002	244.49	61.01	48.829799	-86.937612	56326.78	56372.2	-122.21	56204.57	56202.12891	56187.24504	56184.34375	504578.8	5408537.5
L4580.0	504578.8	5408537.5	1325.50000	244.24	57.8	48.829799	-86.937612	56326.55	56372.2	-122.20	56204.35	56201.95313	56186.96567	56184.15625	504578.8	5408537.5
L4580.0	504578.8	5408536.0	1325.59998	246.66	57.8	48.829786	-86.937612	56325.71	56372.2	-122.19	56203.52	56201.16406	56186.73064	56184.00781	504578.8	5408536.0
L4580.0	504578.8	5408536.0	1325.69995	246.35	55.6	48.829786	-86.937612	56325.82	56372.2	-122.18	56203.64	56201.32422	56186.43595	56183.79297	504578.8	5408536.0
L4580.0	504578.8	5408533.8	1325.80005	246.15	55.6	48.829766	-86.937611	56325.05	56372.2	-122.17	56202.88	56200.60156	56186.20364	56183.64063	504578.8	5408533.8
L4580.0	504578.8	5408532.4	1325.90002	245.61	61.73	48.829753	-86.937611	56324.54	56372.2	-122.16	56202.38	56200.14063	56185.95773	56183.47266	504578.8	5408532.4
L4580.0	504578.8	5408530.9	1326.00000	245.00	61.73	48.829740	-86.937611	56323.72	56372.2	-122.15	56201.57	56199.36719	56185.73620	56183.32422	504578.8	5408530.9
L4580.0	504578.8	5408530.9	1326.09998	246.42	60.47	48.829740	-86.937611	56323.95	56372.1	-122.13	56201.81	56199.64453	56185.44842	56183.10547	504578.8	5408530.9
L4580.0	504578.8	5408529.4	1326.19995	246.71	65.41	48.829726	-86.937611	56323.90	56372.1	-122.11	56201.79	56199.66016	56185.18170	56182.90234	504578.8	5408529.4
L4580.0	504578.8	5408527.8	1326.30005	246.99	65.41	48.829712	-86.937611	56323.64	56372.1	-122.10	56201.54	56199.44531	56184.93404	56182.71875	504578.8	5408527.8
L4580.0	504578.8	5408526.4	1326.40002	247.85	65.41	48.829699	-86.937611	56322.78	56372.1	-122.08	56200.70	56198.63672	56184.72943	56182.57422	504578.8	5408526.4
L4580.0	504578.8	5408526.4	1326.50000	247.99	67.08	48.829699	-86.937611	56322.39	56372.1	-122.06	56200.33	56198.30078	56184.49719	56182.39844	504578.8	5408526.4
L4580.0	504578.9	5408524.3	1326.59998	248.97	67.16	48.829680	-86.937611	56322.24	56372	-122.04	56200.20	56198.19922	56184.25264	56182.21094	504578.9	5408524.3
L4580.0	504578.8	5408522.8	1326.69995	247.13	67.16	48.829666	-86.937611	56321.84	56372	-122.02	56199.81	56197.84375	56184.02908	56182.03906	504578.8	5408522.8
L4580.0	504578.8	5408521.4	1326.80005	244.25	63.37	48.829654	-86.937611	56321.68	56372	-122.01	56199.67	56197.73047	56183.79249	56181.84766	504578.8	5408521.4
L4580.0	504578.8	5408519.6	1326.90002	245.57	63.37	48.829638	-86.937611	56321.40	56372	-121.99	56199.41	56197.50000	56183.56749	56181.67188	504578.8	5408519.6
L4580.0	504578.8	5408519.6	1327.00000	246.91	60.9	48.829638	-86.937611	56321.72	56372	-121.97	56199.75	56197.87109	56183.30607	56181.45313	504578.8	5408519.6
L4580.0	504578.8	5408518.3	1327.09998	247.31	60.9	48.829626	-86.937611	56321.43	56372	-121.96	56199.47	56197.61719	56183.08950	56181.27734	504578.8	5408518.3
L4580.0	504578.8	5408516.6	1327.19995	246.97	62.48	48.829611	-86.937611	56321.47	56371.9	-121.94	56199.52	56197.69531	56182.85440	56181.08203	504578.8	5408516.6
L4580.0	504578.8	5408516.6	1327.30005	245.70	62.48	48.829611	-86.937611	56320.82	56371.9	-121.93	56198.89	56197.09375	56182.66808	56180.92969	504578.8	5408516.6
L4580.0	504578.8	5408515.1	1327.40002	245.81	62.01	48.829597	-86.937611	56320.38	56371.9	-121.92	56198.46	56196.69141	56182.47180	56180.76953	504578.8	5408515.1
L4580.0	504578.8	5408513.3	1327.50000	245.28	61.47	48.829581	-86.937612	56320.12	56371.9	-121.90	56198.22	56196.47656	56182.26619	56180.59375	504578.8	5408513.3
L4580.0	504578.8	5408512.1	1327.59998	246.73	61.47	48.829571	-86.937612	56319.99	56371.9	-121.89	56198.10	56196.38281	56182.05584	56180.41406	504578.8	5408512.1
L4580.0	504578.8	5408512.1	1327.69995	246.29	62.36	48.829571	-86.937612	56319.78	56371.9	-121.88	56197.90	56196.20703	56181.85403	56180.23828	504578.8	5408512.1
L4580.0	504578.8	5408510.7	1327.80005	245.44	63.73	48.829558	-86.937612	56319.41	56371.9	-121.87	56197.54	56195.87500	56181.66602	56180.07813	504578.8	5408510.7
L4580.0	504578.8	5408508.7	1327.90002	247.05	63.73	48.829540	-86.937612	56319.43	56371.9	-121.85	56197.58	56195.93750	56181.45443	56179.88672	504578.8	5408508.7
L4580.0	504578.8	5408507.5	1328.00000	246.39	61.41	48.829529	-86.937612	56319.38	56371.8	-121.84	56197.54	56195.92188	56181.25116	56179.70703	504578.8	5408507.5
L4580.0	504578.8	5408507.5	1328.09998	248.64	59.6	48.829529	-86.937612	56319.10	56371.8	-121.83	56197.27	56195.67578	56181.06616	56179.54297	504578.8	5408507.5
L4580.0	504578.8	5408505.9	1328.19995	248.22	59.6	48.829514	-86.937612	56319.28	56371.8	-121.82	56197.46	56195.89063	56180.85334	56179.34766	504578.8	5408505.9
L4580.0	504578.7	5408504.4	1328.30005	246.61	61.58	48.829501	-86.937612	56319.43	56371.8	-121.80	56197.63	56196.08594	56180.64463	56179.15625	504578.7	5408504.4
L4580.0	504578.7	5408502.5	1328.40002	244.98	63.04	48.829484	-86.937612	56318.96	56371.8	-121.79	56197.17	56195.64844	56180.48060	56179.00781	504578.7	5408502.5
L4580.0	504578.7	5408502.5	1328.50000	246.60	63.04	48.829484	-86.937612	56318.95	56371.8	-121.78	56197.17	56195.67188	56180.28850	56178.82813	504578.7	5408502.5
L4580.0	504578.7	5408501.3	1328.59998	249.21	68.01	48.829473	-86.937613	56318.97	56371.8	-121.77	56197.21	56195.73438	56180.09625	56178.64844	504578.7	5408501.3
L4580.0	504578.7	5408499.9	1328.69995	248.79	68.01	48.829460	-86.937613	56318.87	56371.8	-121.76	56197.11	56195.66016	56179.91575	56178.48047	504578.7	5408499.9
L4580.0	504578.7	5408498.6	1328.80005	248.45	73.14	48.829449	-86.937613	56318.52	56371.7	-121.74	56196.78	56195.35156	56179.75291	56178.32422	504578.7	5408498.6
L4580.0	504578.7	5408496.9	1328.90002	249.00	73.14	48.829434	-86.937613	56318.74	56371.7	-121.73	56197.01	56195.60547	56179.55496	56178.13672	504578.7	5408496.9
L4580.0	504578.7	5408496.9	1329.00000	249.10	72.47	48.829434	-86.937613	56318.54	56371.7	-121.72	56196.82	56195.43750	56179.38714	56177.97656	504578.7	5408496.9
L4580.0	504578.7	5408495.5	1329.09998	250.28	72.88	48.829421	-86.937613	56317.82	56371.7	-121.71	56196.12	56194.76172	56179.25534	56177.85156	504578.7	5408495.5
L4580.0	504578.7	5408493.8	1329.19995	249.13	72.88	48.829406	-86.937613	56317.41	56371.7	-121.69	56196.72	56194.38281	56179.10547	56177.70703	504578.7	5408493.8
L4580.0	504578.7	5408492.4	1329.30005	249.29	73.86	48.829394	-86.937613	56317.14	56371.7	-121.68	56195.46	56194.14844	56178.94807	56177.55078	504578.7	5408492.4
L4580.0	504578.7	5408492.4	1329.40002	250.59	73.86	48.829394	-86.937613	56317.88	56371.7	-121.66	56196.21	56194.92188	56178.72504	56177.33203	504578.7	5408492.4
L4580.0	504578.7	5408490.0	1329.50000	250.00	74.58	48.829372	-86.937613	56318.31	56371.6	-121.65	56196.66	56195.39453	56178.52359	56177.13281	504578.7	5408490.0
L4580.0	504578.7	5408488.9	1329.59998	250.96	74.58	48.829362	-86.937613	56318.19	56371.6	-121.63	56196.56	56195.31641	56178.36029	56176.97266	504578.7	5408488.9
L4580.0	504578.7	5408488.9	1329.69995	250.55	74.81	48.829362	-86.937613	56318.06	56371.6	-121.61	56196.44	56195.21875	56178.19967	56176.81250	504578.7	5408488.9
L4580.0	504578.7	5408487.2	1329.80005	249.45	75.08	48.829346	-86.937613	56318.23	56371.6	-121.60	56196.63	56195.43359	56178.01962	56176.63281	504578.7	5408487.2
L4580.0	504578.8	5408485.6	1329.90002	250.06	75.08	48.829332	-86.937612	56317.91	56371.6	-121.58	56196.32	56195.14453	56177.87401	56176.48438	504578.8	5408485.6
L4580.0	504578.8	5408484.3	1330.00000	248.77	75.39	48.829321	-86.937612	56317.77	56371.6	-121.57	56196.20	56195.05078	56177.71671	56176.32813	504578.8	5408484.3
L4580.0	504578.8	5408483.2	1330.09998	247.89	75.19	48.829311	-86.937612	56317.80	56371.6	-121.55	56196.24	56195.11328	56177.54961	56176.16016	504578.8	5408483.2
L4580.0	504578.8	5408481.8	1330.19995	246.92	75.19	48.829298	-86.937612	56317.80	56371.5	-121.53	56196.26	56195.15625	56177.38458	56175.99219	504578.8	5408481.8
L4580.0	504578.8	5408481.8	1330.30005	244.93	75.26	48.829298	-86.937612	56318.31	56371.5	-121.52	56196.79	56195.71094	56177.18614	56175.78906	504578.8	5408481.8
L4580.0	504578.8	5408480.1	1330.40002	245.98	62.02	48.829283	-86.937612	56318.08	56371.5	-121.50	56196.58	56195.52344	56177.03750	56175.63672	504578.8	5408480.1
L4580.0	504578.8	5408479.0	1330.50000	246.58	62.02	48.829273	-86.937612	56317.92	56371.5	-121.48	56196.44	56195.40625	56176.88454	56175.48047	504578.8	5408479.0
L4580.0	504578.8	5408477.6	1330.59998	247.80	72.91	48.829260	-86.937612	56318.03	56371.5	-121.46	56196.57	56195.56250	56176.71377	56175.30469	504578.8	5408477.6
L4580.0	504578.8	5408477.6	1330.69995	247.98	63.81	48.829260	-86.937612	56317.95	56371.4	-121.44	56196.51	56195.52344	56176.55573	56175.14453	504578.8	5408477.6
L4580.0	504578.8	5408475.9	1330.80005	247.88	63.81	48.829245	-86.937612	56318.08	56371.4	-121.43	56196.66	56195.69922	56176.38362	56174.96875	504578.8	5408475.9
L4580.0	504578.8	5408473.9	1330.90002	246.72	71.65	48.829227	-86.937612	56318.23	56371.4	-121.41	56196.82	56195.88281	56176.21063	56174.78906	504578.8	5408473.9
L4580.0	504578.8	5408472.8	1331.00000	246.32	69.46	48.829217	-86.937611	56318.14	56371.4	-121.39	56196.75	56195.83594	56176.05263	56174.62500	504578.8	5408472.8
L4580.0	504578.8	5408471.3	1331.09998	246.32	69.46	48.829204	-86.937612	56318.11	56371.4	-121.37	56196.73	56195.83984	56175.89081	56174.46094	504578.8	5408471.3
L4580.0	504578.8	5408471.3	1331.19995	245.61	65.75	48.829204	-86.937612	56317.92	56371.4	-121.36	56196.57	56195.70703	56175.73771	56174.30078	504578.8	5408471.3
L4580.0	504578.8	5408469.2	1331.30005	245.02	65.75	48.829185	-86.937611	56317.92	56371.3	-121.34	56196.58	56195.74219	56175.57250	56174.12891	504578.8	5408469.2
L4580.0	504578.8	5408467.8	1331.40002	243.66	72.27	48.829172	-86.937611	56318.00	56371.3	-121.32	56196.68	56195.86719	56175.40040	56173.95313	504578.8	5408467.8
L4580.0	504578.9	5408466.6	1331.50000	242.46	71.75	48.829161	-86.937611	56318.39	56371.3	-121.31	56197.09	56196.30078	56175.20660	56173.75391	504578.9	5408466.6

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4580.0	504578.9	5408465.2	1331.59998	241.83	71.75	48.829149	-86.937611	56318.26	56371.3	-121.29	56196.97	56196.20703	56175.04695	56173.58594	504578.9	5408465.2
L4580.0	504578.9	5408465.2	1331.69995	243.42	69.61	48.829149	-86.937611	56318.23	56371.3	-121.27	56196.96	56196.21875	56174.87866	56173.41406	504578.9	5408465.2
L4580.0	504578.9	5408463.8	1331.80005	245.13	69.61	48.829136	-86.937611	56318.01	56371.3	-121.25	56196.75	56196.03516	56174.72226	56173.25000	504578.9	5408463.8
L4580.0	504578.9	5408462.0	1331.90002	246.25	67.1	48.829120	-86.937611	56318.20	56371.2	-121.24	56196.97	56196.28125	56174.53561	56173.05859	504578.9	5408462.0
L4580.0	504578.9	5408461.1	1332.00000	246.21	67.1	48.829112	-86.937611	56318.36	56371.2	-121.22	56197.14	56196.47656	56174.35058	56172.86719	504578.9	5408461.1
L4580.0	504578.9	5408461.1	1332.09998	246.83	66.96	48.829112	-86.937611	56318.08	56371.2	-121.21	56196.87	56196.23047	56174.19304	56172.70313	504578.9	5408461.1
L4580.0	504578.9	5408459.6	1332.19995	246.88	66.96	48.829098	-86.937611	56318.06	56371.2	-121.19	56196.86	56196.24609	56174.01619	56172.51953	504578.9	5408459.6
L4580.0	504578.9	5408458.0	1332.30005	246.77	68.5	48.829084	-86.937611	56318.11	56371.2	-121.18	56196.93	56196.34375	56173.83190	56172.32813	504578.9	5408458.0
L4580.0	504578.9	5408456.8	1332.40002	246.27	64.26	48.829073	-86.937611	56318.04	56371.2	-121.16	56196.88	56196.32031	56173.65338	56172.14453	504578.9	5408456.8
L4580.0	504578.9	5408455.0	1332.50000	245.86	64.26	48.829057	-86.937611	56318.08	56371.1	-121.14	56196.93	56196.39453	56173.46583	56171.94922	504578.9	5408455.0
L4580.0	504578.9	5408453.8	1332.59998	244.94	63.58	48.829046	-86.937611	56318.00	56371.1	-121.13	56196.87	56196.35938	56173.28315	56171.76172	504578.9	5408453.8
L4580.0	504578.9	5408453.8	1332.69995	246.02	64.92	48.829046	-86.937611	56318.36	56371.1	-121.11	56197.25	56196.76563	56173.06853	56171.54297	504578.9	5408453.8
L4580.0	504578.9	5408451.9	1332.80005	246.26	64.92	48.829029	-86.937611	56318.00	56371.1	-121.10	56196.90	56196.44141	56172.89987	56171.36719	504578.9	5408451.9
L4580.0	504578.9	5408450.5	1332.90002	245.08	64.92	48.829016	-86.937610	56318.23	56371.1	-121.08	56197.15	56196.71875	56172.68838	56171.14844	504578.9	5408450.5
L4580.0	504578.9	5408449.0	1333.00000	244.73	74.43	48.829003	-86.937610	56318.16	56371.1	-121.07	56197.09	56196.68750	56172.49462	56170.94922	504578.9	5408449.0
L4580.0	504578.9	5408449.0	1333.09998	245.38	74.43	48.829003	-86.937610	56318.16	56371.1	-121.06	56197.11	56196.73047	56172.29249	56170.74219	504578.9	5408449.0
L4580.0	504578.9	5408447.4	1333.19995	246.56	69.03	48.828988	-86.937610	56318.08	56371	-121.04	56197.04	56196.68750	56172.09320	56170.53516	504578.9	5408447.4
L4580.0	504578.9	5408445.9	1333.30005	246.56	70.03	48.828975	-86.937610	56317.62	56371	-121.03	56196.60	56196.27344	56171.91534	56170.35156	504578.9	5408445.9
L4580.0	504578.9	5408444.0	1333.40002	244.28	70.03	48.828958	-86.937610	56317.72	56371	-121.01	56196.71	56196.41016	56171.69746	56170.12500	504578.9	5408444.0
L4580.0	504578.9	5408442.8	1333.50000	243.37	75.19	48.828947	-86.937610	56317.65	56371	-120.99	56196.66	56196.38672	56171.48681	56169.91016	504578.9	5408442.8
L4580.0	504578.9	5408442.8	1333.59998	245.60	75.19	48.828947	-86.937610	56317.49	56371	-120.98	56196.51	56196.26563	56171.27929	56169.69531	504578.9	5408442.8
L4580.0	504578.9	5408441.4	1333.69995	243.74	68.2	48.828934	-86.937610	56317.36	56371	-120.96	56196.40	56196.17969	56171.06550	56169.47656	504578.9	5408441.4
L4580.0	504578.9	5408439.4	1333.80005	244.45	68.2	48.828917	-86.937610	56317.32	56370.9	-120.95	56196.37	56196.17578	56170.84268	56169.24609	504578.9	5408439.4
L4580.0	504578.9	5408437.7	1333.90002	244.61	74.02	48.828901	-86.937611	56316.78	56370.9	-120.93	56195.84	56195.67188	56170.64941	56169.04297	504578.9	5408437.7
L4580.0	504578.9	5408436.5	1334.00000	246.52	74.02	48.828891	-86.937611	56316.19	56370.9	-120.92	56195.27	56195.12891	56170.45496	56168.84375	504578.9	5408436.5
L4580.0	504578.9	5408436.5	1334.09998	246.56	74.53	48.828891	-86.937611	56316.40	56370.9	-120.90	56195.50	56195.38672	56170.20326	56168.58203	504578.9	5408436.5
L4580.0	504578.9	5408434.6	1334.19995	248.54	74.53	48.828873	-86.937611	56316.60	56370.9	-120.88	56195.72	56195.63281	56169.94823	56168.32031	504578.9	5408434.6
L4580.0	504578.9	5408433.4	1334.30005	248.05	81.04	48.828862	-86.937611	56316.26	56370.9	-120.86	56195.41	56195.35156	56169.72449	56168.08984	504578.9	5408433.4
L4580.0	504578.9	5408432.0	1334.40002	247.60	81.04	48.828849	-86.937611	56315.94	56370.8	-120.84	56195.10	56195.06641	56169.49664	56167.85156	504578.9	5408432.0
L4580.0	504578.9	5408432.0	1334.50000	249.23	70.75	48.828849	-86.937611	56315.20	56370.8	-120.82	56194.38	56194.37109	56169.29196	56167.63672	504578.9	5408432.0
L4580.0	504578.9	5408430.2	1334.59998	250.66	70.75	48.828834	-86.937611	56315.58	56370.8	-120.79	56194.78	56194.80078	56169.00839	56167.34375	504578.9	5408430.2
L4580.0	504578.9	5408428.8	1334.69995	249.95	67.96	48.828821	-86.937611	56315.33	56370.8	-120.77	56194.56	56194.60547	56168.76190	56167.08984	504578.9	5408428.8
L4580.0	504578.9	5408427.1	1334.80005	248.00	67.96	48.828806	-86.937611	56315.50	56370.8	-120.75	56194.74	56194.81250	56168.48442	56166.80078	504578.9	5408427.1
L4580.0	504578.9	5408427.1	1334.90002	245.99	79.75	48.828806	-86.937611	56314.82	56370.7	-120.73	56194.08	56194.17969	56168.25860	56166.56641	504578.9	5408427.1
L4580.0	504578.9	5408425.7	1335.00000	246.96	79.28	48.828793	-86.937612	56314.79	56370.7	-120.71	56194.08	56194.20313	56167.98438	56166.28125	504578.9	5408425.7
L4580.0	504578.9	5408424.0	1335.09998	246.28	79.28	48.828778	-86.937612	56314.18	56370.7	-120.69	56193.49	56193.64063	56167.74508	56166.02734	504578.9	5408424.0
L4580.0	504578.9	5408424.0	1335.19995	247.21	73.6	48.828778	-86.937612	56313.84	56370.7	-120.67	56193.17	56193.34766	56167.48332	56165.75391	504578.9	5408424.0
L4580.0	504578.9	5408422.7	1335.30005	247.26	73.6	48.828767	-86.937612	56313.79	56370.7	-120.65	56193.14	56193.34375	56167.19774	56165.45703	504578.9	5408422.7
L4580.0	504578.9	5408421.4	1335.40002	247.16	75.14	48.828754	-86.937612	56313.20	56370.6	-120.63	56192.57	56192.79688	56166.94366	56165.18750	504578.9	5408421.4
L4580.0	504578.9	5408419.7	1335.50000	249.28	75.14	48.828739	-86.937612	56312.65	56370.6	-120.61	56192.03	56192.28516	56166.68305	56164.91406	504578.9	5408419.7
L4580.0	504578.9	5408419.7	1335.59998	248.89	75.69	48.828739	-86.937612	56312.14	56370.6	-120.60	56191.54	56191.82031	56166.41455	56164.62891	504578.9	5408419.7
L4580.0	504578.9	5408417.0	1335.69995	249.71	75.24	48.828715	-86.937612	56311.98	56370.6	-120.58	56191.40	56191.70313	56166.11816	56164.31641	504578.9	5408417.0
L4580.0	504578.9	5408417.0	1335.80005	248.26	73.92	48.828715	-86.937612	56311.70	56370.6	-120.56	56191.14	56191.46875	56165.82518	56164.00781	504578.9	5408417.0
L4580.0	504578.9	5408415.4	1335.90002	248.03	73.92	48.828701	-86.937611	56311.34	56370.5	-120.54	56190.81	56191.16406	56165.53229	56163.69922	504578.9	5408415.4
L4580.0	504578.9	5408415.4	1336.00000	245.98	72.77	48.828701	-86.937611	56311.16	56370.5	-120.52	56190.64	56191.01953	56165.22412	56163.37109	504578.9	5408415.4
L4580.0	504578.9	5408412.6	1336.09998	246.47	72.77	48.828675	-86.937611	56310.93	56370.5	-120.50	56190.43	56190.83594	56164.91402	56163.04297	504578.9	5408412.6
L4580.0	504578.9	5408412.6	1336.19995	247.26	73.44	48.828675	-86.937611	56309.91	56370.5	-120.49	56189.42	56189.85156	56164.65264	56162.76172	504578.9	5408412.6
L4580.0	504578.9	5408411.1	1336.30005	246.50	71.83	48.828662	-86.937611	56309.79	56370.5	-120.47	56189.32	56189.77344	56164.32599	56162.41406	504578.9	5408411.1
L4580.0	504578.9	5408409.4	1336.40002	247.01	70.34	48.828647	-86.937611	56309.32	56370.5	-120.45	56188.87	56189.34766	56164.01806	56162.08594	504578.9	5408409.4
L4580.0	504579.0	5408408.3	1336.50000	246.78	70.34	48.828636	-86.937610	56308.87	56370.4	-120.43	56188.43	56188.93359	56163.70485	56161.75000	504579.0	5408408.3
L4580.0	504579.0	5408406.8	1336.59998	248.22	65.34	48.828624	-86.937610	56308.92	56370.4	-120.42	56188.50	56189.02734	56163.35303	56161.37500	504579.0	5408406.8
L4580.0	504579.0	5408405.9	1336.69995	248.80	65.34	48.828615	-86.937610	56308.23	56370.4	-120.40	56187.83	56188.38281	56163.04596	56161.04297	504579.0	5408405.9
L4580.0	504579.0	5408405.9	1336.80005	248.50	72.62	48.828615	-86.937610	56307.64	56370.4	-120.38	56187.26	56187.83594	56162.72763	56160.69922	504579.0	5408405.9
L4580.0	504579.0	5408404.0	1336.90002	246.82	73.86	48.828598	-86.937610	56307.34	56370.4	-120.37	56186.97	56187.57031	56162.38605	56160.33203	504579.0	5408404.0
L4580.0	504579.0	5408402.5	1337.00000	247.45	73.86	48.828585	-86.937610	56306.88	56370.3	-120.35	56186.53	56187.15234	56162.04992	56159.96875	504579.0	5408402.5
L4580.0	504579.0	5408402.5	1337.09998	246.91	74.87	48.828585	-86.937610	56306.40	56370.3	-120.33	56186.07	56186.71484	56161.71056	56159.60156	504579.0	5408402.5
L4580.0	504579.0	5408399.8	1337.19995	247.45	74.87	48.828561	-86.937610	56306.39	56370.3	-120.32	56186.07	56186.73828	56161.33601	56159.19531	504579.0	5408399.8
L4580.0	504579.0	5408399.8	1337.30005	249.31	85.89	48.828561	-86.937610	56305.98	56370.3	-120.30	56185.68	56186.37109	56160.98294	56158.81250	504579.0	5408399.8
L4580.0	504579.0	5408398.4	1337.40002	250.20	73.37	48.828547	-86.937610	56305.09	56370.3	-120.28	56184.81	56185.52344	56160.65738	56158.45703	504579.0	5408398.4
L4580.0	504579.0	5408397.2	1337.50000	250.19	73.37	48.828537	-86.937610	56304.83	56370.3	-120.26	56184.56	56185.29688	56160.28601	56158.05469	504579.0	5408397.2
L4580.0	504579.0	5408395.9	1337.59998	252.39	74.59	48.828525	-86.937610	56303.89	56370.2	-120.25	56183.65	56184.41016	56159.95420	56157.68750	504579.0	5408395.9
L4580.0	504579.0	5408394.6	1337.69995	252.81	74.38	48.828513	-86.937610	56303.68	56370.2	-120.23	56183.45	56184.23047	56159.57062	56157.26953	504579.0	5408394.6
L4580.0	504579.0	5408393.1	1337.80005	250.58	74.38	48.828500	-86.937610	56303.07	56370.2	-120.21	56182.86	56183.66016	56159.20865	56156.87500	504579.0	5408393.1
L4580.0	504579.0	5408393.1	1337.90002	251.42	84.09	48.828500	-86.937610	56302.59	56370.2	-120.20	56182.39	56183.21484	56158.83431	56156.46484	504579.0	5408393.1
L4580.0	504579.0	5408391.1	1338.00000	251.70	77.96	48.828482	-86.937610	56301.48	56370.2	-120.18	56181.30	56182.14453	56158.49697	56156.08984	504579.0	5408391.1
L4580.0	504579.0	5408389.6	1338.09998	252.06	77.96	48.828469	-86.937610	56301.39	56370.2	-120.17	56181.23	56182.09375	56158.08731	56155.64453	504579.0	5408389.6
L4580.0	504579.0	5408388.7	1338.19995	252.40	78.6	48.828460	-86.937610	56300.44	56370.2	-120.15	56180.29	56181.17578	56157.73136	56155.25000	504579.0	5408388.7
L4580.0	504579.0	5408387.0	1338.30005	253.13	78.6	48.828445	-86.937611	56299.61	56370.1	-120.14	56179.47	56180.37500	56157.36317	56154.83984	504579.0	5408387.0
L4580.0	504578.9	5408384.9	1338.40002	252.57	79.13	48.828426	-86.937611	56299.04	56370.1	-120.12	56178.92	56179.84766	56156.97275	56154.41016	504578.9	5408384.9
L4580.0	504578.9	5408384.9	1338.50000	253.53	76.88	48.828426	-86.937611	56298.69	56370.1	-120.10	56178.58	56179.52734	56156.56415	56153.96094	504578.9	5408384.9
L4580.0	504578.9	5408383.5	1338.59998	253.90	76.88	48.828413	-86.937611	56298.14	56370.1	-120.09	56178.06	56179.02734	56156.16338	56153.51563	504578.9	5408383.5
L4580.0	504578.9	5408382.0	1338.69995	253.16	76.88	48.828400	-86.937611	56298.02	56370.1	-120.07	56177.95	56178.93359	56155.73116	56153.03906	504578.9	5408382.0
L4580.0	504578.9	5408382.0	1338.80005	252.04	77.75	48.828400	-86.937611	56297.25	56370.1	-120.06	56177.19	56178.19531	56155.33817	56152.60547	504578.9	5408382.0
L4580.0	504578.9	5408380.6	1338.90002	250.82	79.8	48.828387	-86.937611	56296.57	56370	-120.04	56176.52	56177.54297	56154.93512	56152.15625	504578.9	5408380.6
L4580.0	504578.9	5408379.1	1339.00000	250.54	79.8	48.828374	-86.937612	56295.86	56370	-120.03	56175.83	56176.87109	56154.52937	56151.70313	504578.9	5408379.1
L4580.0	504578.9	5408377.7	1339.09998	250.50	85.9	48.828361	-86.937612	56295.64	56370	-120.01	56175.63	56176.68750	56154.08695	56151.21484	504578.9	5408377.7
L4580.0	504578.9	5408376.3	1339.19995	250.47	85.9	48.828349	-86.937612	56295.08	56370	-119.99	56175.09	56176.16406	56153.66322	56150.74609	504578.9	5408376.3
L4580.0	504578.9	5408376.3	1339.30005	251.32	75.73	48.828349	-86.937612	56294.32	56370	-119.98	56174.34	56175.43359	56153.24955	56150.28125	504578.9	5408376.3
L4580.0	504578.9	5408374.5	1339.40002	251.73	75.73	48.828333	-86.937612	56293.86	56370	-119.96	56173.90	56175.01172	56152.81130	56149.79688	504578.9	5408374.5
L4580.0	504578.9	5408373.2	1339.50000	249.92	78.35	48.828321	-86.937612	56292.89	56369.9	-119.94	56172.95	56174.07813	56152.40317	56149.33984	504578.9	5408373.2
L4580.0	504578.9	5408371.7	1339.59998	249.29	78.35	48.828308	-86.937612	56291.70	56369.9	-119.92	56171.78	56172.92188	56152.00584	56148.89063	504578.9	5408371.7
L4580.0	504578.9	5408370.4	1339.69995	248.29	83.09	48.828296	-86.937612	56291.59	56369.9	-119.90	56171.68	56172.83984	56151.53335	56148.36719	504578.9	5408370.4
L4580.0	504578.9	5408370.4	1339.80005	247.78	83.09	48.828296	-86.937612	56291.05	56369.9	-119.89	56171.16	56172.33203	56151.08506	56147.86719	504578.9	5408370.4
L4580.0	504578.9	5408368.5	1339.90002	248.03	81.36	48.828279	-86.937612	56290.60	56369.9	-119.87	56170.73	56171.91797	56150.62700	56147.35938	504578.9	5408368.5
L4580.0	504578.9	5408366.8	1340.00000	246.49	85.62	48.828264	-86.937612	56290.12	56369.8	-119.85	56170.27	56171.47266	56150.16718	56146.84766	504578.9	5408366.8
L4580.0	504578.9	5408366.8	1340.09998	246.85	85.62	48.828264	-86.937612	56289.29	56369.8	-119.83	56169.46	56170.67969	56149.72698	56146.35547	504578.9	5408366.8
L4580.0	504578.9	5408365.2	1340.19995	245.55	87.02	48.828249	-86.937612	56288.73	56369.8	-119.81	56168.92	56170.15234	56149.26508	56145.83984	504578.9	5408365.2
L4580.0	504578.9	5408364.0	1340.30005	245.95	87.02	48.828238	-86.937612	56288.14	56369.8	-119.79	56168.35	56169.59375	56148.80150	56145.32031	504578.9	5408364.0
L4580.0	504578.9	5408362.8	1340.40002	245.68	82.28	48.828227	-86.937612	56286.96	56369.8	-119.77	56167.19	56168.44922	56148.37362	56144.83984	504578.9	5408362.8
L4580.0	504578.9	5408362.8	1340.50000	245.64	82.28	48.828227	-86.937612	56286.76	56369.8	-119.76	56167.01	56168.28125	56147.87678	56144.28906	504578.9	5408362.8
L4580.0	504578.9	5408361.3	1340.59998	245.59	78.8	48.828214	-86.937612	56286.02	56369.7	-119.74	56166.29	56167.57422	56147.41235	56143.76953	504578.9	5408361.3
L4580.0	504578.9	5408359.6	1340.69995	245.97	78.8	48.828199	-86.937611	56285.70	56369.7	-119.72	56165.98	56167.27344	56146.91701	56143.21875	504578.9	5408359.6
L4580.0	504578.9	5408358.1	1340.80005	246.76	81.11	48.828185	-86.937611	56284.24	56369.7	-119.70	56164.54	56165.84766	56146.49346	56142.73828	504578.9	5408358.1

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4580.0	504579.0	5408356.7	1340.90002	246.77	81.11	48.828172	-86.937611	56283.83	56369.7	-119.68	56164.15	56165.46875	56145.99639	56142.18750	504579.0	5408356.7
L4580.0	504579.0	5408355.0	1341.00000	247.27	86.75	48.828157	-86.937611	56282.96	56369.7	-119.66	56163.30	56164.62891	56145.52650	56141.66016	504579.0	5408355.0
L4580.0	504579.0	5408355.0	1341.09998	247.14	86.44	48.828157	-86.937611	56282.33	56369.6	-119.64	56162.69	56164.02734	56145.03713	56141.11719	504579.0	5408355.0
L4580.0	504579.0	5408353.5	1341.19995	247.27	86.44	48.828143	-86.937611	56282.15	56369.6	-119.62	56162.53	56163.87891	56144.51432	56140.53906	504579.0	5408353.5
L4580.0	504579.0	5408351.8	1341.30005	247.83	85.14	48.828129	-86.937611	56281.53	56369.6	-119.60	56161.93	56163.28516	56144.01743	56139.98438	504579.0	5408351.8
L4580.0	504579.0	5408351.8	1341.40002	247.49	86.52	48.828129	-86.937611	56280.97	56369.6	-119.58	56161.38	56162.74609	56143.51382	56139.42578	504579.0	5408351.8
L4580.0	504579.0	5408350.2	1341.50000	248.20	86.52	48.828114	-86.937611	56279.98	56369.6	-119.57	56160.41	56161.78516	56143.03484	56138.89063	504579.0	5408350.2
L4580.0	504579.0	5408348.4	1341.59998	248.38	85.67	48.828098	-86.937611	56279.68	56369.5	-119.55	56160.13	56161.51172	56142.50653	56138.30469	504579.0	5408348.4
L4580.0	504579.0	5408347.9	1341.69995	247.79	78.18	48.828094	-86.937611	56278.04	56369.5	-119.53	56158.52	56159.91016	56142.06359	56137.80469	504579.0	5408347.9
L4580.0	504579.0	5408346.3	1341.80005	249.97	78.18	48.828079	-86.937611	56277.53	56369.5	-119.51	56158.02	56159.41406	56141.54336	56137.23047	504579.0	5408346.3
L4580.0	504579.0	5408344.9	1341.90002	250.89	83.08	48.828066	-86.937611	56277.38	56369.5	-119.49	56157.89	56159.29297	56140.99522	56136.62500	504579.0	5408344.9
L4580.0	504578.9	5408343.7	1342.00000	251.72	80.37	48.828056	-86.937611	56276.81	56369.5	-119.47	56157.33	56158.73828	56140.47253	56136.04688	504578.9	5408343.7
L4580.0	504578.9	5408343.7	1342.09998	250.04	80.37	48.828056	-86.937611	56275.44	56369.5	-119.46	56155.98	56157.39063	56139.99932	56135.51953	504578.9	5408343.7
L4580.0	504578.9	5408342.0	1342.19995	249.96	83.88	48.828040	-86.937612	56274.70	56369.4	-119.45	56155.25	56156.66797	56139.48161	56134.94531	504578.9	5408342.0
L4580.0	504578.9	5408340.4	1342.30005	250.67	83.88	48.828025	-86.937612	56273.45	56369.4	-119.44	56154.01	56155.42969	56138.99479	56134.40234	504578.9	5408340.4
L4580.0	504578.9	5408338.9	1342.40002	249.56	92.13	48.828012	-86.937612	56273.16	56369.4	-119.43	56153.73	56155.15234	56138.44087	56133.79297	504578.9	5408338.9
L4580.0	504578.9	5408338.9	1342.50000	248.55	92.13	48.828012	-86.937612	56272.29	56369.4	-119.42	56152.88	56154.30469	56137.92188	56133.21875	504578.9	5408338.9
L4580.0	504578.9	5408337.2	1342.59998	247.84	78.1	48.827997	-86.937612	56271.40	56369.4	-119.40	56152.00	56153.42969	56137.40187	56132.64453	504578.9	5408337.2
L4580.0	504578.9	5408335.8	1342.69995	249.14	78.1	48.827984	-86.937612	56270.56	56369.4	-119.39	56151.17	56152.60156	56136.87553	56132.06641	504578.9	5408335.8
L4580.0	504579.0	5408334.1	1342.80005	248.92	84.4	48.827969	-86.937611	56269.87	56369.4	-119.38	56150.49	56151.92188	56136.33623	56131.47266	504579.0	5408334.1
L4580.0	504579.0	5408332.9	1342.90002	247.85	85.38	48.827959	-86.937611	56269.37	56369.4	-119.37	56150.00	56151.43359	56135.78134	56130.86328	504579.0	5408332.9
L4580.0	504579.0	5408332.9	1343.00000	246.70	85.38	48.827959	-86.937611	56268.62	56369.4	-119.36	56149.26	56150.69141	56135.24021	56130.26953	504579.0	5408332.9
L4580.0	504579.0	5408331.5	1343.09998	246.18	89.57	48.827946	-86.937611	56267.82	56369.3	-119.35	56148.48	56149.91016	56134.69890	56129.67578	504579.0	5408331.5
L4580.0	504579.0	5408329.6	1343.19995	245.47	87.57	48.827928	-86.937611	56267.14	56369.3	-119.34	56147.81	56149.23828	56134.14743	56129.07031	504579.0	5408329.6
L4580.0	504579.0	5408328.1	1343.30005	245.47	87.57	48.827915	-86.937611	56266.75	56369.3	-119.32	56147.43	56148.85547	56133.57383	56128.44531	504579.0	5408328.1
L4580.0	504579.0	5408328.1	1343.40002	243.86	87.96	48.827915	-86.937611	56265.76	56369.3	-119.31	56146.45	56147.87500	56133.03748	56127.85547	504579.0	5408328.1
L4580.0	504579.0	5408326.7	1343.50000	245.81	90.67	48.827903	-86.937610	56264.70	56369.3	-119.30	56145.39	56146.80859	56132.50376	56127.26953	504579.0	5408326.7
L4580.0	504579.0	5408325.3	1343.59998	244.08	94.76	48.827890	-86.937610	56263.72	56369.3	-119.29	56144.43	56145.84766	56131.96068	56126.67578	504579.0	5408325.3
L4580.0	504579.0	5408324.1	1343.69995	243.82	94.76	48.827880	-86.937610	56263.18	56369.3	-119.28	56143.91	56145.32031	56131.38563	56126.05078	504579.0	5408324.1
L4580.0	504579.0	5408324.1	1343.80005	242.16	94.78	48.827880	-86.937610	56262.12	56369.3	-119.26	56142.85	56144.25391	56130.84398	56125.46094	504579.0	5408324.1
L4580.0	504579.0	5408321.5	1343.90002	243.39	94.78	48.827856	-86.937610	56261.27	56369.3	-119.25	56142.01	56143.41016	56130.28510	56124.85156	504579.0	5408321.5
L4580.0	504579.0	5408320.1	1344.00000	243.22	95.39	48.827843	-86.937610	56260.77	56369.2	-119.24	56141.53	56142.92188	56129.69969	56124.21875	504579.0	5408320.1
L4580.0	504579.0	5408319.1	1344.09998	243.12	95.56	48.827834	-86.937610	56260.05	56369.2	-119.22	56140.82	56142.20313	56129.12713	56123.59766	504579.0	5408319.1
L4580.0	504579.0	5408319.1	1344.19995	244.97	95.56	48.827834	-86.937610	56258.89	56369.2	-119.21	56139.68	56141.05469	56128.58080	56123.00391	504579.0	5408319.1
L4580.0	504579.1	5408317.7	1344.30005	242.39	95.6	48.827822	-86.937610	56258.37	56369.2	-119.19	56139.17	56140.53516	56127.99007	56122.36719	504579.1	5408317.7
L4580.0	504579.1	5408316.0	1344.40002	242.96	95.69	48.827806	-86.937610	56257.18	56369.2	-119.18	56138.00	56139.35547	56127.44098	56121.76953	504579.1	5408316.0
L4580.0	504579.1	5408316.0	1344.50000	242.16	95.8	48.827806	-86.937610	56256.42	56369.2	-119.17	56137.26	56138.60547	56126.86092	56121.14453	504579.1	5408316.0
L4580.0	504579.1	5408313.9	1344.59998	240.22	95.65	48.827787	-86.937610	56255.51	56369.1	-119.15	56136.36	56137.69141	56126.28925	56120.53125	504579.1	5408313.9
L4580.0	504579.1	5408312.4	1344.69995	242.71	95.65	48.827774	-86.937610	56254.51	56369.1	-119.13	56135.37	56136.69141	56125.72136	56119.91797	504579.1	5408312.4
L4580.0	504579.1	5408312.4	1344.80005	243.93	95.57	48.827774	-86.937610	56253.84	56369.1	-119.12	56134.72	56136.02734	56125.12862	56119.28125	504579.1	5408312.4
L4580.0	504579.1	5408310.8	1344.90002	243.77	95.58	48.827759	-86.937610	56253.59	56369.1	-119.10	56134.49	56135.78125	56124.50576	56118.61719	504579.1	5408310.8
L4580.0	504579.1	5408309.3	1345.00000	243.78	95.57	48.827746	-86.937610	56252.56	56369.1	-119.09	56133.47	56134.74609	56123.93349	56118.00000	504579.1	5408309.3
L4580.0	504579.1	5408307.9	1345.09998	244.52	95.53	48.827734	-86.937610	56251.17	56369.1	-119.06	56132.10	56133.35938	56123.38252	56117.41016	504579.1	5408307.9
L4580.0	504579.1	5408306.5	1345.19995	243.91	95.51	48.827721	-86.937610	56250.00	56369	-119.04	56130.96	56132.20313	56122.81424	56116.80078	504579.1	5408306.5
L4580.0	504579.1	5408305.0	1345.30005	244.85	95.51	48.827708	-86.937610	56249.15	56369	-119.01	56130.14	56131.36328	56122.22270	56116.16797	504579.1	5408305.0
L4580.0	504579.1	5408305.0	1345.40002	246.58	95.54	48.827708	-86.937610	56248.34	56369	-118.99	56129.35	56130.55469	56121.62728	56115.53516	504579.1	5408305.0
L4580.0	504579.1	5408303.6	1345.50000	246.75	95.54	48.827695	-86.937609	56247.62	56369	-118.96	56128.66	56129.84766	56121.02338	56114.89063	504579.1	5408303.6
L4580.0	504579.1	5408302.4	1345.59998	250.89	95.54	48.827684	-86.937609	56246.92	56368.9	-118.93	56127.99	56129.15625	56120.41638	56114.24609	504579.1	5408302.4
L4580.0	504579.1	5408300.0	1345.69995	251.47	95.54	48.827662	-86.937609	56245.91	56368.9	-118.91	56127.00	56128.14453	56119.82901	56113.62109	504579.1	5408300.0
L4580.0	504579.1	5408300.0	1345.80005	252.92	95.54	48.827662	-86.937609	56245.45	56368.9	-118.88	56126.56	56127.67969	56119.20332	56112.96094	504579.1	5408300.0
L4580.0	504579.1	5408298.8	1345.90002	253.21	95.54	48.827651	-86.937609	56243.81	56368.9	-118.86	56124.96	56126.05859	56118.65338	56112.37500	504579.1	5408298.8
L4580.0	504579.1	5408297.5	1346.00000	250.33	95.54	48.827640	-86.937609	56243.05	56368.8	-118.83	56124.22	56125.29297	56118.04458	56111.73047	504579.1	5408297.5
L4580.0	504579.1	5408296.1	1346.09998	248.91	95.54	48.827628	-86.937609	56242.31	56368.8	-118.81	56123.50	56124.54688	56117.43297	56111.08203	504579.1	5408296.1
L4580.0	504579.1	5408296.1	1346.19995	247.57	95.54	48.827628	-86.937609	56241.46	56368.8	-118.80	56122.66	56123.67969	56116.82796	56110.44531	504579.1	5408296.1
L4580.0	504579.1	5408294.2	1346.30005	244.59	95.54	48.827611	-86.937609	56240.51	56368.8	-118.78	56121.73	56122.72266	56116.22761	56109.81250	504579.1	5408294.2
L4580.0	504579.1	5408292.8	1346.40002	245.35	95.54	48.827598	-86.937609	56239.98	56368.8	-118.76	56121.22	56122.18359	56115.59798	56109.14844	504579.1	5408292.8
L4580.0	504579.2	5408291.4	1346.50000	242.63	95.54	48.827585	-86.937609	56238.98	56368.7	-118.75	56120.24	56121.17188	56114.99848	56108.51953	504579.2	5408291.4
L4580.0	504579.2	5408290.9	1346.59998	242.74	95.54	48.827581	-86.937609	56238.07	56368.7	-118.73	56119.34	56120.24219	56114.39251	56107.88281	504579.2	5408290.9
L4580.0	504579.2	5408289.3	1346.69995	241.95	95.54	48.827566	-86.937609	56236.62	56368.7	-118.71	56117.91	56118.77734	56113.82080	56107.28125	504579.2	5408289.3
L4580.0	504579.2	5408287.9	1346.80005	240.54	95.54	48.827553	-86.937609	56235.48	56368.7	-118.69	56116.78	56117.61719	56113.22809	56106.65625	504579.2	5408287.9
L4580.0	504579.2	5408287.9	1346.90002	238.51	95.54	48.827553	-86.937609	56234.32	56368.7	-118.68	56115.64	56116.44141	56112.63511	56106.03516	504579.2	5408287.9
L4580.0	504579.2	5408285.9	1347.00000	238.15	95.54	48.827536	-86.937609	56233.55	56368.7	-118.66	56114.89	56115.65625	56112.01527	56105.38672	504579.2	5408285.9
L4580.0	504579.2	5408284.8	1347.09998	240.98	95.54	48.827525	-86.937609	56232.74	56368.7	-118.65	56114.09	56114.82031	56111.39798	56104.74219	504579.2	5408284.8
L4580.0	504579.2	5408283.1	1347.19995	244.60	95.54	48.827510	-86.937609	56231.28	56368.6	-118.64	56112.64	56113.33203	56110.82330	56104.14063	504579.2	5408283.1
L4580.0	504579.2	5408283.1	1347.30005	246.79	95.54	48.827510	-86.937609	56230.46	56368.6	-118.63	56111.82	56112.47266	56110.20599	56103.49609	504579.2	5408283.1
L4580.0	504579.2	5408281.6	1347.40002	248.88	112.77	48.827497	-86.937609	56229.64	56368.6	-118.62	56111.01	56111.62109	56109.58743	56102.85156	504579.2	5408281.6
L4580.0	504579.2	5408280.2	1347.50000	250.68	112.77	48.827484	-86.937609	56229.01	56368.6	-118.62	56110.40	56110.97266	56108.95505	56102.19531	504579.2	5408280.2
L4580.0	504579.2	5408279.2	1347.59998	251.85	130	48.827476	-86.937609	56227.58	56368.6	-118.61	56108.97	56109.50000	56108.37692	56101.58984	504579.2	5408279.2
L4580.0	504579.2	5408277.8	1347.69995	248.85	130	48.827463	-86.937609	56226.85	56368.6	-118.60	56108.25	56108.73438	56107.75111	56100.94141	504579.2	5408277.8
L4580.0	504579.2	5408276.3	1347.80005	248.95	130	48.827449	-86.937609	56226.03	56368.6	-118.59	56107.44	56107.87891	56107.13103	56100.29688	504579.2	5408276.3
L4580.0	504579.2	5408275.3	1347.90002	247.72	130	48.827441	-86.937609	56225.44	56368.6	-118.58	56106.86	56107.25391	56106.49542	56099.63672	504579.2	5408275.3
L4580.0	504579.2	5408274.1	1348.00000	245.01	130	48.827430	-86.937609	56224.82	56368.6	-118.57	56106.25	56106.59766	56105.86169	56098.98438	504579.2	5408274.1
L4580.0	504579.2	5408272.8	1348.09998	246.19	130	48.827418	-86.937609	56223.71	56368.6	-118.56	56105.16	56105.46094	56105.25993	56098.35938	504579.2	5408272.8
L4580.0	504579.2	5408271.1	1348.19995	247.55	130	48.827402	-86.937609	56222.12	56368.5	-118.55	56103.57	56103.82031	56104.69153	56097.76953	504579.2	5408271.1
L4580.0	504579.2	5408271.1	1348.30005	250.08	130	48.827402	-86.937609	56220.86	56368.5	-118.53	56102.32	56102.51953	56104.10057	56097.15625	504579.2	5408271.1
L4580.0	504579.2	5408269.6	1348.40002	252.02	130	48.827389	-86.937609	56219.88	56368.5	-118.52	56101.36	56101.50781	56103.49048	56096.52734	504579.2	5408269.6
L4580.0	504579.2	5408268.4	1348.50000	252.37	130	48.827378	-86.937609	56219.23	56368.5	-118.51	56100.72	56100.81250	56102.85932	56095.87500	504579.2	5408268.4
L4580.0	504579.2	5408267.0	1348.59998	250.95	130	48.827365	-86.937609	56218.50	56368.5	-118.50	56100.01	56100.05078	56102.23318	56095.23047	504579.2	5408267.0
L4580.0	504579.2	5408265.4	1348.69995	250.06	130	48.827351	-86.937609	56218.29	56368.5	-118.49	56099.80	56099.78516	56101.57413	56094.55078	504579.2	5408265.4
L4580.0	504579.2	5408265.4	1348.80005	249.49	130	48.827351	-86.937609	56216.96	56368.5	-118.47	56098.49	56098.41797	56100.98892	56093.94531	504579.2	5408265.4
L4580.0	504579.1	5408264.0	1348.90002	250.58	130	48.827339	-86.937610	56215.31	56368.5	-118.46	56096.84	56096.71094	56100.42697	56093.36719	504579.1	5408264.0
L4580.0	504579.1	5408262.3	1349.00000	250.46	130	48.827323	-86.937610	56214.57	56368.4	-118.45	56096.12	56095.92969	56099.80370	56092.72656	504579.1	5408262.3
L4580.0	504579.1	5408260.8	1349.09998	248.50	130	48.827310	-86.937611	56213.70	56368.4	-118.43	56095.27	56095.01953	56099.18985	56092.09375	504579.1	5408260.8
L4580.0	504579.0	5408259.1	1349.19995	249.78	130	48.827295	-86.937611	56213.20	56368.4	-118.41	56094.78	56094.46875	56098.55284	56091.44141	504579.0	5408259.1
L4580.0	504579.0	5408259.1	1349.30005	250.41	130	48.827295	-86.937611	56211.53	56368.4	-118.39	56093.14	56092.76563	56097.99343	56090.86328	504579.0	5408259.1
L4580.0	504579.0	5408257.7	1349.40002	251.68	130	48.827282	-86.937612	56210.66	56368.4	-118.37	56092.28	56091.83984	56097.38303	56090.23828	504579.0	5408257.7
L4580.0	504579.0	5408256.4	1349.50000	253.41	130	48.827270	-86.937612	56209.57	56368.4	-118.36	56091.22	56090.71484	56096.78706	56089.62500	504579.0	5408256.4
L4580.0	504578.9	5408255.0	1349.59998	253.45	130	48.827257	-86.937613	56208.90	56368.3	-118.34	56090.56	56089.98828	56096.16562	56088.98828	504578.9	5408255.0
L4580.0	504578.9	5408253.8	1349.69995	253.33	130	48.827247	-86.937613	56207.53	56368.3	-118.32	56089.21	56088.57031	56095.59146	56088.40234	504578.9	5408253.8
L4580.0	504578.9	5408253.3	1349.80005	254.03	130	48.827242	-86.937613	56206.55	56368.3	-118.30	56088.25	56087.54297	56094.99266	56087.78516	504578.9	5408253.3
L4580.0	504578.9	5408251.8	1349.90002	254.04	130	48.827229	-86.937613	56205.33	56368.3	-118.28	56087.05	56086.27344	56094.41133	56087.19141	504578.9	5408251.8
L4580.0	504578.8	5408249.9	1350.00000	253.30	130	48.827211	-86.937614	56204.84	56368.3	-118.26	56086.58	56085.73047	56093.78289	56086.55078	504578.8	5408249.9
L4580.0	504578.8	5408249.9	1350.09998	252.83	130	48.827211	-86.937614	56203.98	56368.2	-118.24	56085.75	56084.82813	56093.18010	56085.93359	504578.8	5408249.9

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4580.0	504578.8	5408247.6	1350.19995	251.77	130	48.827191	-86.937614	56203.16	56368.2	-118.21	56084.95	56083.95703	56092.57705	56085.31641	504578.8	5408247.6
L4580.0	504578.8	5408247.6	1350.30005	249.71	130	48.827191	-86.937614	56201.34	56368.2	-118.19	56083.16	56082.08984	56092.04184	56084.76953	504578.8	5408247.6
L4580.0	504578.8	5408246.0	1350.40002	249.93	130	48.827177	-86.937615	56200.78	56368.2	-118.16	56082.62	56081.47656	56091.42525	56084.14063	504578.8	5408246.0
L4580.0	504578.8	5408244.3	1350.50000	248.10	130	48.827161	-86.937615	56199.59	56368.1	-118.14	56081.45	56080.23047	56090.85269	56083.55469	504578.8	5408244.3
L4580.0	504578.7	5408243.1	1350.59998	247.54	130	48.827150	-86.937615	56198.95	56368.1	-118.11	56080.84	56079.54297	56090.24494	56082.93359	504578.7	5408243.1
L4580.0	504578.7	5408241.7	1350.69995	245.17	130	48.827138	-86.937616	56197.90	56368.1	-118.08	56079.81	56078.43359	56089.66744	56082.34375	504578.7	5408241.7
L4580.0	504578.7	5408241.7	1350.80005	243.41	130	48.827138	-86.937616	56197.46	56368.1	-118.06	56079.40	56077.94141	56089.05096	56081.71875	504578.7	5408241.7
L4580.0	504578.7	5408240.4	1350.90002	241.29	130	48.827127	-86.937616	56196.20	56368	-118.04	56078.16	56076.62109	56088.49227	56081.14844	504578.7	5408240.4
L4580.0	504578.7	5408239.0	1351.00000	239.19	130	48.827113	-86.937616	56195.35	56368	-118.01	56077.34	56075.72266	56087.90815	56080.55078	504578.7	5408239.0
L4580.0	504578.7	5408238.0	1351.09998	239.21	130	48.827105	-86.937616	56194.20	56368	-118.00	56076.21	56074.50781	56087.34737	56079.98047	504578.7	5408238.0
L4580.0	504578.6	5408236.4	1351.19995	240.16	130	48.827090	-86.937617	56193.21	56368	-117.99	56075.23	56073.44531	56086.77938	56079.40234	504578.6	5408236.4
L4580.0	504578.6	5408235.0	1351.30005	240.63	130	48.827077	-86.937617	56192.23	56368	-117.97	56074.26	56072.39063	56086.21363	56078.82813	504578.6	5408235.0
L4580.0	504578.6	5408233.5	1351.40002	242.63	130	48.827064	-86.937618	56191.42	56368	-117.96	56073.46	56071.50391	56085.63957	56078.24219	504578.6	5408233.5
L4580.0	504578.6	5408232.5	1351.50000	243.72	130	48.827055	-86.937618	56190.40	56367.9	-117.95	56072.45	56070.40625	56085.08266	56077.67578	504578.6	5408232.5
L4580.0	504578.6	5408230.8	1351.59998	243.61	130	48.827040	-86.937618	56189.27	56367.9	-117.94	56071.33	56069.19922	56084.53634	56077.12109	504578.6	5408230.8
L4580.0	504578.6	5408230.8	1351.69995	240.46	130	48.827040	-86.937618	56188.28	56367.9	-117.93	56070.36	56068.14453	56083.98341	56076.55859	504578.6	5408230.8
L4580.0	504578.5	5408229.3	1351.80005	240.17	130	48.827027	-86.937618	56187.23	56367.9	-117.91	56069.31	56067.00391	56083.43933	56076.00781	504578.5	5408229.3
L4580.0	504578.5	5408228.1	1351.90002	241.45	130	48.827016	-86.937618	56186.08	56367.9	-117.90	56068.18	56065.78516	56082.90422	56075.46094	504578.5	5408228.1
L4580.0	504578.5	5408226.8	1352.00000	242.04	130	48.827004	-86.937619	56185.42	56367.9	-117.89	56067.53	56065.04297	56082.34088	56074.89063	504578.5	5408226.8
L4580.0	504578.5	5408226.8	1352.09998	242.33	130	48.827004	-86.937619	56184.16	56367.9	-117.86	56066.29	56063.71484	56081.82078	56074.36328	504578.5	5408226.8
L4580.0	504578.5	5408224.0	1352.19995	242.81	130	48.826979	-86.937619	56183.23	56367.8	-117.84	56065.39	56062.72266	56081.28205	56073.81641	504578.5	5408224.0
L4580.0	504578.5	5408222.5	1352.30005	242.79	130	48.826965	-86.937619	56182.04	56367.8	-117.81	56064.23	56061.46875	56080.76482	56073.29297	504578.5	5408222.5
L4580.0	504578.5	5408221.3	1352.40002	241.66	130	48.826955	-86.937619	56181.22	56367.8	-117.79	56063.43	56060.57813	56080.22791	56072.74609	504578.5	5408221.3
L4580.0	504578.5	5408221.3	1352.50000	242.56	130	48.826955	-86.937619	56180.22	56367.8	-117.76	56062.46	56059.51563	56079.70677	56072.21875	504578.5	5408221.3
L4580.0	504578.5	5408220.1	1352.59998	243.64	130	48.826944	-86.937619	56179.78	56367.7	-117.73	56062.05	56059.01172	56079.15290	56071.66016	504578.5	5408220.1
L4580.0	504578.5	5408218.4	1352.69995	243.66	130	48.826928	-86.937619	56178.58	56367.7	-117.71	56060.87	56057.73828	56078.65508	56071.15625	504578.5	5408218.4
L4580.0	504578.5	5408217.0	1352.80005	245.61	130	48.826915	-86.937619	56177.89	56367.7	-117.68	56060.21	56056.98438	56078.12748	56070.62109	504578.5	5408217.0
L4580.0	504578.5	5408217.0	1352.90002	244.86	130	48.826915	-86.937619	56176.65	56367.7	-117.66	56058.99	56055.66797	56077.64223	56070.12891	504578.5	5408217.0
L4580.0	504578.5	5408215.3	1353.00000	244.80	130	48.826900	-86.937619	56175.61	56367.6	-117.63	56057.98	56054.56250	56077.14815	56069.62891	504578.5	5408215.3
L4580.0	504578.5	5408214.1	1353.09998	243.57	130	48.826890	-86.937619	56174.66	56367.6	-117.61	56057.04	56053.52734	56076.65472	56069.13281	504578.5	5408214.1
L4580.0	504578.5	5408212.6	1353.19995	244.32	130	48.826876	-86.937619	56173.84	56367.6	-117.59	56056.25	56052.64063	56076.15675	56068.62891	504578.5	5408212.6
L4580.0	504578.5	5408211.4	1353.30005	244.32	130	48.826865	-86.937619	56173.24	56367.6	-117.58	56055.66	56051.95703	56075.65106	56068.11719	504578.5	5408211.4
L4580.0	504578.5	5408209.8	1353.40002	246.22	130	48.826851	-86.937619	56172.31	56367.6	-117.56	56054.75	56050.94922	56075.17246	56067.63672	504578.5	5408209.8
L4580.0	504578.5	5408209.8	1353.50000	247.08	130	48.826851	-86.937619	56171.14	56367.5	-117.54	56053.60	56049.70313	56074.71579	56067.17578	504578.5	5408209.8
L4580.0	504578.5	5408208.3	1353.59998	248.26	130	48.826838	-86.937619	56170.17	56367.5	-117.52	56052.65	56048.66016	56074.25184	56066.70703	504578.5	5408208.3
L4580.0	504578.5	5408206.8	1353.69995	248.10	130	48.826824	-86.937620	56169.21	56367.5	-117.50	56051.71	56047.62500	56073.79344	56066.24609	504578.5	5408206.8
L4580.0	504578.5	5408205.5	1353.80005	247.22	130	48.826812	-86.937620	56167.97	56367.5	-117.49	56050.48	56046.29688	56073.36075	56065.80859	504578.5	5408205.5
L4580.0	504578.4	5408204.0	1353.90002	247.13	130	48.826799	-86.937620	56166.79	56367.5	-117.47	56049.32	56045.04297	56072.92991	56065.37500	504578.4	5408204.0
L4580.0	504578.4	5408204.0	1354.00000	245.93	130	48.826799	-86.937620	56165.64	56367.4	-117.45	56048.20	56043.82813	56072.50308	56064.94531	504578.4	5408204.0
L4580.0	504578.4	5408202.6	1354.09998	245.67	130	48.826786	-86.937620	56165.21	56367.4	-117.43	56047.79	56043.32031	56072.03573	56064.47656	504578.4	5408202.6
L4580.0	504578.4	5408201.1	1354.19995	246.26	130	48.826773	-86.937620	56164.84	56367.4	-117.41	56047.43	56042.86719	56071.57203	56064.01172	504578.4	5408201.1
L4580.0	504578.4	5408199.9	1354.30005	246.74	130	48.826762	-86.937620	56163.47	56367.4	-117.38	56046.09	56041.43359	56071.18079	56063.62109	504578.4	5408199.9
L4580.0	504578.5	5408198.3	1354.40002	245.62	130	48.826747	-86.937620	56162.94	56367.4	-117.36	56045.58	56040.82813	56070.74149	56063.17969	504578.5	5408198.3
L4580.0	504578.5	5408197.8	1354.50000	245.23	130	48.826743	-86.937620	56162.36	56367.3	-117.34	56045.01	56040.16406	56070.31361	56062.75000	504578.5	5408197.8
L4580.0	504578.5	5408195.9	1354.59998	244.87	130	48.826726	-86.937619	56161.68	56367.3	-117.32	56044.36	56039.42188	56069.89864	56062.33594	504578.5	5408195.9
L4580.0	504578.5	5408195.9	1354.69995	245.10	130	48.826726	-86.937619	56160.62	56367.3	-117.30	56043.32	56038.28906	56069.51739	56061.95703	504578.5	5408195.9
L4580.0	504578.5	5408194.4	1354.80005	245.77	130	48.826713	-86.937619	56160.18	56367.3	-117.27	56042.91	56037.78906	56069.10201	56061.54297	504578.5	5408194.4
L4580.0	504578.5	5408193.2	1354.90002	246.15	130	48.826702	-86.937619	56159.20	56367.3	-117.25	56041.94	56036.72656	56068.73198	56061.17188	504578.5	5408193.2
L4580.0	504578.5	5408191.8	1355.00000	246.51	130	48.826689	-86.937619	56158.25	56367.2	-117.23	56041.02	56035.71875	56068.36676	56060.80859	504578.5	5408191.8
L4580.0	504578.5	5408190.4	1355.09998	248.30	130	48.826676	-86.937619	56157.43	56367.2	-117.22	56040.21	56034.81641	56068.00252	56060.44922	504578.5	5408190.4
L4580.0	504578.5	5408189.2	1355.19995	249.60	130	48.826666	-86.937619	56156.75	56367.2	-117.20	56039.55	56034.07031	56067.63671	56060.08594	504578.5	5408189.2
L4580.0	504578.6	5408187.8	1355.30005	249.90	130	48.826653	-86.937618	56156.08	56367.2	-117.19	56038.89	56033.32031	56067.27949	56059.73438	504578.6	5408187.8
L4580.0	504578.6	5408187.8	1355.40002	251.16	130	48.826653	-86.937618	56155.23	56367.2	-117.17	56038.06	56032.40625	56066.94232	56059.39844	504578.6	5408187.8
L4580.0	504578.6	5408186.1	1355.50000	252.52	130	48.826638	-86.937618	56154.64	56367.2	-117.15	56037.49	56031.75000	56066.59668	56059.05859	504578.6	5408186.1
L4580.0	504578.6	5408184.7	1355.59998	251.60	130	48.826625	-86.937618	56153.96	56367.1	-117.14	56036.82	56030.99609	56066.26670	56058.73438	504578.6	5408184.7
L4580.0	504578.6	5408183.2	1355.69995	249.71	130	48.826612	-86.937618	56153.70	56367.1	-117.13	56036.58	56030.67188	56065.91718	56058.39063	504578.6	5408183.2
L4580.0	504578.6	5408182.0	1355.80005	247.03	130	48.826601	-86.937618	56152.99	56367.1	-117.11	56035.88	56029.89063	56065.60759	56058.08984	504578.6	5408182.0
L4580.0	504578.6	5408182.0	1355.90002	244.84	130	48.826601	-86.937618	56152.06	56367.1	-117.10	56034.97	56028.89844	56065.32139	56057.81250	504578.6	5408182.0
L4580.0	504578.6	5408180.1	1356.00000	243.89	130	48.826584	-86.937618	56151.40	56367.1	-117.08	56034.32	56028.17188	56065.02738	56057.52734	504578.6	5408180.1
L4580.0	504578.6	5408178.7	1356.09998	242.95	130	48.826571	-86.937617	56150.48	56367.1	-117.06	56033.42	56027.19141	56064.75968	56057.26953	504578.6	5408178.7
L4580.0	504578.6	5408177.2	1356.19995	240.85	130	48.826558	-86.937617	56149.91	56367	-117.04	56032.87	56026.56641	56064.47841	56056.99609	504578.6	5408177.2
L4580.0	504578.6	5408176.0	1356.30005	240.33	130	48.826547	-86.937617	56149.96	56367	-117.02	56032.95	56026.57031	56064.16502	56056.69531	504578.6	5408176.0
L4580.0	504578.6	5408176.0	1356.40002	241.18	130	48.826547	-86.937617	56148.96	56367	-117.00	56031.97	56025.51953	56063.93230	56056.47656	504578.6	5408176.0
L4580.0	504578.6	5408175.0	1356.50000	239.77	130	48.826538	-86.937618	56147.97	56367	-116.98	56031.00	56024.47656	56063.70903	56056.26563	504578.6	5408175.0
L4580.0	504578.6	5408173.5	1356.59998	237.30	130	48.826525	-86.937618	56147.20	56367	-116.95	56030.24	56023.64844	56063.48198	56056.05078	504578.6	5408173.5
L4580.0	504578.6	5408172.4	1356.69995	236.19	130	48.826515	-86.937618	56147.04	56366.9	-116.93	56030.10	56023.44141	56063.22393	56055.80859	504578.6	5408172.4
L4580.0	504578.6	5408170.4	1356.80005	236.53	130	48.826497	-86.937618	56147.15	56366.9	-116.91	56030.24	56023.51563	56062.95764	56055.55859	504578.6	5408170.4
L4580.0	504578.6	5408169.4	1356.90002	238.89	130	48.826488	-86.937618	56146.12	56366.9	-116.89	56029.23	56022.44141	56062.77855	56055.39453	504578.6	5408169.4
L4580.0	504578.6	5408167.9	1357.00000	239.01	130	48.826474	-86.937618	56145.64	56366.9	-116.87	56028.77	56021.91797	56062.57340	56055.21094	504578.6	5408167.9
L4580.0	504578.6	5408167.9	1357.09998	239.30	130	48.826474	-86.937618	56145.13	56366.9	-116.85	56028.28	56021.36719	56062.38097	56055.03516	504578.6	5408167.9
L4580.0	504578.6	5408166.2	1357.19995	240.97	130	48.826459	-86.937618	56145.06	56366.8	-116.84	56028.22	56021.25000	56062.17065	56054.84375	504578.6	5408166.2
L4580.0	504578.6	5408164.7	1357.30005	243.65	130	48.826446	-86.937618	56144.60	56366.8	-116.82	56027.78	56020.75391	56061.99653	56054.69141	504578.6	5408164.7
L4580.0	504578.6	5408163.7	1357.40002	244.66	130	48.826436	-86.937618	56144.24	56366.8	-116.81	56027.43	56020.35156	56061.82736	56054.54688	504578.6	5408163.7
L4580.0	504578.6	5408162.4	1357.50000	245.40	130	48.826424	-86.937618	56143.52	56366.8	-116.79	56026.73	56019.60156	56061.69252	56054.43359	504578.6	5408162.4
L4580.0	504578.6	5408160.9	1357.59998	245.73	130	48.826411	-86.937618	56143.67	56366.8	-116.77	56026.89	56019.71094	56061.51141	56054.27734	504578.6	5408160.9
L4580.0	504578.6	5408160.9	1357.69995	246.41	130	48.826411	-86.937618	56142.88	56366.8	-116.76	56026.12	56018.89453	56061.40342	56054.19531	504578.6	5408160.9
L4580.0	504578.6	5408159.3	1357.80005	246.73	130	48.826396	-86.937618	56142.55	56366.7	-116.74	56025.81	56018.53906	56061.27594	56054.09766	504578.6	5408159.3
L4580.0	504578.6	5408158.3	1357.90002	245.50	130	48.826388	-86.937618	56142.52	56366.7	-116.73	56025.80	56018.48828	56061.13966	56053.98828	504578.6	5408158.3
L4580.0	504578.6	5408156.8	1358.00000	245.98	130	48.826374	-86.937618	56142.93	56366.7	-116.71	56026.22	56018.86719	56060.98597	56053.86328	504578.6	5408156.8
L4580.0	504578.6	5408155.4	1358.09998	246.60	130	48.826362	-86.937618	56142.51	56366.7	-116.69	56025.82	56018.43359	56060.89823	56053.80859	504578.6	5408155.4
L4580.0	504578.6	5408154.5	1358.19995	245.98	130	48.826353	-86.937618	56142.40	56366.7	-116.68	56025.72	56018.29688	56060.80179	56053.74219	504578.6	5408154.5
L4580.0	504578.7	5408153.0	1358.30005	246.35	130	48.826340	-86.937618	56141.71	56366.7	-116.66	56025.05	56017.59375	56060.75468	56053.73047	504578.7	5408153.0
L4580.0	504578.7	5408151.6	1358.40002	246.03	130	48.826327	-86.937618	56141.92	56366.6	-116.65	56025.27	56017.78516	56060.65956	56053.66797	504578.7	5408151.6
L4580.0	504578.7	5408150.1	1358.50000	246.74	130	48.826314	-86.937617	56141.52	56366.6	-116.63	56024.89	56017.37891	56060.61578	56053.66016	504578.7	5408150.1
L4580.0	504578.7	5408150.1	1358.59998	245.23	130	48.826314	-86.937617	56141.38	56366.6	-116.61	56024.77	56017.23828	56060.56601	56053.64844	504578.7	5408150.1
L4580.0	504578.7	5408148.7	1358.69995	245.23	130	48.826302	-86.937617	56141.24	56366.6	-116.60	56024.64	56017.08594	56060.52822	56053.65234	504578.7	5408148.7
L4580.0	504578.7	5408147.0	1358.80005	247.03	130	48.826286	-86.937618	56141.76	56366.6	-116.58	56025.18	56017.60938	56060.45709	56053.62109	504578.7	5408147.0
L4580.0	504578.7	5408146.2	1358.90002	248.34	130	48.826279	-86.937618	56141.44	56366.6	-116.57	56024.88	56017.29297	56060.45325	56053.66016	504578.7	5408146.2
L4580.0	504578.6	5408144.6	1359.00000	247.45	130	48.826265	-86.937618	56141.66	56366.6	-116.55	56025.11	56017.51172	56060.42534	56053.67578	504578.6	5408144.6
L4580.0	504578.6	5408144.6	1359.09998	248.70	130	48.826265	-86.937618	56141.62	56366.5	-116.53	56025.09	56017.48047	56060.42532	56053.71875	504578.6	5408144.6
L4580.0	504578.6	5408142.2	1359.19995	248.34	130	48.826243	-86.937618	56141.18	56366.5	-116.50	56024.68	56017.06641	56060.46250	56053.80078	504578.6	5408142.2
L4580.0	504578.6	5408141.0	1359.30005	249.60	130	48.826232	-86.937618	56141.70	56366.5	-116.48	56025.22	56017.60156	56060.44747	56053.83594	504578.6	5408141.0
L4580.0	504578.6	5408141.0	1359.40002	249.02	130	48.826232	-86.937618	56142.12	56366.5	-116.46	56025.66	56018.04297	56060.45021	56053.88672	504578.6	5408141.0

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4580.0	504578.6	5408138.4	1359.50000	250.02	130	48.826209	-86.937618	56141.85	56366.4	-116.43	56025.42	56017.80469	56060.50930	56053.99609	504578.6	5408138.4
L4580.0	504578.6	5408138.4	1359.59998	248.45	130	48.826209	-86.937618	56142.12	56366.4	-116.41	56025.71	56018.10156	56060.54401	56054.08203	504578.6	5408138.4
L4580.0	504578.6	5408137.0	1359.69995	246.42	130	48.826196	-86.937618	56142.25	56366.4	-116.39	56025.86	56018.25781	56060.59895	56054.19141	504578.6	5408137.0
L4580.0	504578.6	5408136.0	1359.80005	247.26	130	48.826187	-86.937618	56142.25	56366.4	-116.37	56025.88	56018.29297	56060.67335	56054.32031	504578.6	5408136.0
L4580.0	504578.6	5408134.8	1359.90002	247.82	130	48.826176	-86.937618	56142.40	56366.3	-116.34	56026.06	56018.48828	56060.74782	56054.45313	504578.6	5408134.8
L4580.0	504578.6	5408133.1	1360.00000	245.83	130	48.826161	-86.937618	56142.61	56366.3	-116.32	56026.29	56018.73438	56060.82958	56054.59375	504578.6	5408133.1
L4580.0	504578.6	5408131.9	1360.09998	246.14	130	48.826150	-86.937618	56143.33	56366.3	-116.30	56027.03	56019.49609	56060.88789	56054.71094	504578.6	5408131.9
L4580.0	504578.6	5408131.9	1360.19995	245.70	130	48.826150	-86.937618	56143.59	56366.3	-116.29	56027.30	56019.78906	56060.98796	56054.87109	504578.6	5408131.9
L4580.0	504578.6	5408130.0	1360.30005	242.56	130	48.826133	-86.937618	56143.24	56366.3	-116.27	56026.97	56019.48828	56061.13837	56055.08203	504578.6	5408130.0
L4580.0	504578.6	5408128.8	1360.40002	240.79	130	48.826122	-86.937618	56143.87	56366.3	-116.25	56027.62	56020.16797	56061.23367	56055.24219	504578.6	5408128.8
L4580.0	504578.6	5408127.8	1360.50000	241.58	130	48.826114	-86.937618	56144.60	56366.2	-116.24	56028.36	56020.94531	56061.33307	56055.41016	504578.6	5408127.8
L4580.0	504578.6	5408126.4	1360.59998	241.33	130	48.826101	-86.937618	56145.51	56366.2	-116.22	56029.29	56021.91016	56061.42980	56055.57031	504578.6	5408126.4
L4580.0	504578.6	5408124.9	1360.69995	242.23	130	48.826087	-86.937618	56146.04	56366.2	-116.20	56029.84	56022.50000	56061.56173	56055.77344	504578.6	5408124.9
L4580.0	504578.7	5408123.5	1360.80005	243.74	130	48.826075	-86.937618	56146.42	56366.2	-116.18	56030.24	56022.94531	56061.71340	56055.99219	504578.7	5408123.5
L4580.0	504578.7	5408123.5	1360.90002	244.67	130	48.826075	-86.937618	56147.18	56366.2	-116.17	56031.01	56023.76172	56061.85001	56056.20313	504578.7	5408123.5
L4580.0	504578.7	5408121.7	1361.00000	242.98	130	48.826058	-86.937618	56147.29	56366.2	-116.15	56031.14	56023.94141	56062.03877	56056.46484	504578.7	5408121.7
L4580.0	504578.7	5408120.7	1361.09998	243.37	130	48.826050	-86.937618	56147.43	56366.1	-116.14	56031.29	56024.14453	56062.23554	56056.73438	504578.7	5408120.7
L4580.0	504578.7	5408119.2	1361.19995	242.49	130	48.826036	-86.937618	56147.94	56366.1	-116.12	56031.82	56024.73047	56062.41617	56056.99219	504578.7	5408119.2
L4580.0	504578.7	5408118.1	1361.30005	242.08	130	48.826026	-86.937618	56148.36	56366.1	-116.11	56032.25	56025.22266	56062.61253	56057.26563	504578.7	5408118.1
L4580.0	504578.7	5408116.5	1361.40002	240.73	130	48.826012	-86.937618	56148.60	56366.1	-116.09	56032.50	56025.53516	56062.82979	56057.56250	504578.7	5408116.5
L4580.0	504578.7	5408116.5	1361.50000	239.87	130	48.826012	-86.937618	56148.65	56366.1	-116.08	56032.57	56025.67188	56063.06782	56057.87891	504578.7	5408116.5
L4580.0	504578.7	5408114.2	1361.59998	240.36	130	48.825991	-86.937618	56148.89	56366.1	-116.07	56032.83	56026.00000	56063.30178	56058.19531	504578.7	5408114.2
L4580.0	504578.7	5408114.2	1361.69995	243.79	130	48.825991	-86.937618	56149.69	56366.1	-116.05	56033.64	56026.88281	56063.50753	56058.48438	504578.7	5408114.2
L4580.0	504578.7	5408112.8	1361.80005	245.56	130	48.825978	-86.937618	56150.49	56366	-116.04	56034.45	56027.76563	56063.72157	56058.78125	504578.7	5408112.8
L4580.0	504578.7	5408111.4	1361.90002	244.05	130	48.825966	-86.937618	56150.81	56366	-116.02	56034.78	56028.17578	56063.97574	56059.12109	504578.7	5408111.4
L4580.0	504578.7	5408110.5	1362.00000	243.14	130	48.825957	-86.937618	56151.20	56366	-116.01	56035.19	56028.66797	56064.23254	56059.46484	504578.7	5408110.5
L4580.0	504578.7	5408108.6	1362.09998	243.33	130	48.825940	-86.937617	56152.16	56366	-116.00	56036.16	56029.72266	56064.45979	56059.78125	504578.7	5408108.6
L4580.0	504578.7	5408108.6	1362.19995	246.49	130	48.825940	-86.937617	56152.52	56366	-115.98	56036.54	56030.18750	56064.73401	56060.14453	504578.7	5408108.6
L4580.0	504578.7	5408107.1	1362.30005	250.63	130	48.825927	-86.937617	56153.34	56366	-115.97	56037.37	56031.10938	56064.98567	56060.48828	504578.7	5408107.1
L4580.0	504578.8	5408105.5	1362.40002	251.69	130	48.825913	-86.937617	56153.42	56366	-115.96	56037.46	56031.29297	56065.29393	56060.88672	504578.8	5408105.5
L4580.0	504578.8	5408105.5	1362.50000	254.00	130	48.825913	-86.937617	56155.23	56365.9	-115.94	56039.28	56033.21094	56065.49395	56061.17969	504578.8	5408105.5
L4580.0	504578.8	5408103.9	1362.59998	253.07	130	48.825898	-86.937616	56155.57	56365.9	-115.93	56039.64	56033.66797	56065.79821	56061.57813	504578.8	5408103.9
L4580.0	504578.8	5408102.7	1362.69995	252.99	130	48.825887	-86.937616	56156.13	56365.9	-115.92	56040.21	56034.33984	56066.09520	56061.96875	504578.8	5408102.7
L4580.0	504578.8	5408101.3	1362.80005	250.46	130	48.825875	-86.937616	56157.45	56365.9	-115.91	56041.54	56035.77734	56066.34806	56062.32031	504578.8	5408101.3
L4580.0	504578.8	5408100.3	1362.90002	249.24	130	48.825866	-86.937616	56158.04	56365.9	-115.89	56042.14	56036.48438	56066.65594	56062.72266	504578.8	5408100.3
L4580.0	504578.9	5408098.9	1363.00000	250.88	130	48.825853	-86.937615	56158.73	56365.9	-115.88	56042.85	56037.30469	56066.96264	56063.12891	504578.9	5408098.9
L4580.0	504578.9	5408097.5	1363.09998	251.54	130	48.825841	-86.937615	56159.36	56365.9	-115.88	56043.48	56038.04688	56067.28065	56063.54688	504578.9	5408097.5
L4580.0	504578.9	5408097.5	1363.19995	253.82	130	48.825841	-86.937615	56160.00	56365.9	-115.87	56044.13	56038.81250	56067.60310	56063.96875	504578.9	5408097.5
L4580.0	504578.9	5408095.8	1363.30005	253.82	130	48.825826	-86.937615	56160.54	56365.9	-115.86	56044.67	56039.47266	56067.93848	56064.40625	504578.9	5408095.8
L4580.0	504578.9	5408094.4	1363.40002	253.78	130	48.825813	-86.937615	56161.59	56365.9	-115.86	56045.73	56040.65234	56068.24459	56064.81250	504578.9	5408094.4
L4580.0	504578.9	5408093.0	1363.50000	251.30	130	48.825800	-86.937615	56162.33	56365.9	-115.86	56046.48	56041.52734	56068.57656	56065.25000	504578.9	5408093.0
L4580.0	504578.9	5408091.9	1363.59998	251.03	130	48.825790	-86.937615	56162.94	56365.8	-115.85	56047.09	56042.26172	56068.92289	56065.69922	504578.9	5408091.9
L4580.0	504578.8	5408090.3	1363.69995	255.48	130	48.825776	-86.937616	56163.52	56365.8	-115.85	56047.68	56042.98047	56069.27537	56066.15625	504578.8	5408090.3
L4580.0	504578.8	5408088.9	1363.80005	255.98	130	48.825763	-86.937616	56164.06	56365.8	-115.84	56048.22	56043.65234	56069.63582	56066.62109	504578.8	5408088.9
L4580.0	504578.8	5408088.9	1363.90002	254.63	130	48.825763	-86.937616	56165.52	56365.8	-115.83	56049.68	56045.24609	56069.93938	56067.03125	504578.8	5408088.9
L4580.0	504578.8	5408087.2	1364.00000	255.00	130	48.825748	-86.937616	56166.45	56365.8	-115.83	56050.61	56046.30859	56070.28253	56067.48047	504578.8	5408087.2
L4580.0	504578.8	5408086.0	1364.09998	255.40	130	48.825737	-86.937616	56167.24	56365.8	-115.81	56051.44	56047.27734	56070.63642	56067.94141	504578.8	5408086.0
L4580.0	504578.8	5408084.8	1364.19995	256.38	130	48.825726	-86.937616	56168.45	56365.8	-115.78	56052.67	56048.64844	56070.96753	56068.37891	504578.8	5408084.8
L4580.0	504578.8	5408083.3	1364.30005	255.37	130	48.825713	-86.937616	56168.88	56365.8	-115.76	56053.13	56049.25000	56071.35368	56068.87109	504578.8	5408083.3
L4580.0	504578.8	5408081.9	1364.40002	252.86	130	48.825700	-86.937616	56169.54	56365.7	-115.73	56053.81	56050.07422	56071.72869	56069.35547	504578.8	5408081.9
L4580.0	504578.8	5408081.9	1364.50000	249.02	130	48.825700	-86.937616	56169.82	56365.7	-115.71	56054.11	56050.51953	56072.13238	56069.86719	504578.8	5408081.9
L4580.0	504578.8	5408080.2	1364.59998	244.84	130	48.825685	-86.937617	56170.70	56365.7	-115.69	56055.02	56051.57813	56072.49858	56070.34375	504578.8	5408080.2
L4580.0	504578.7	5408078.8	1364.69995	242.23	130	48.825672	-86.937617	56171.66	56365.7	-115.66	56055.99	56052.69531	56072.86377	56070.82031	504578.7	5408078.8
L4580.0	504578.7	5408077.5	1364.80005	240.44	130	48.825661	-86.937618	56172.06	56365.6	-115.64	56056.43	56053.28906	56073.26713	56071.33203	504578.7	5408077.5
L4580.0	504578.7	5408077.5	1364.90002	237.69	130	48.825661	-86.937618	56172.13	56365.6	-115.61	56056.51	56053.51953	56073.69714	56071.87500	504578.7	5408077.5
L4580.0	504578.7	5408075.9	1365.00000	235.05	130	48.825647	-86.937618	56173.56	56365.6	-115.59	56057.97	56055.13672	56074.03764	56072.32422	504578.7	5408075.9
L4580.0	504578.7	5408074.4	1365.09998	236.52	130	48.825633	-86.937618	56174.09	56365.6	-115.58	56058.51	56055.83203	56074.44180	56072.83984	504578.7	5408074.4
L4580.0	504578.6	5408073.2	1365.19995	238.31	130	48.825622	-86.937619	56175.29	56365.6	-115.58	56059.71	56057.19141	56074.80412	56073.31250	504578.6	5408073.2
L4580.0	504578.6	5408071.7	1365.30005	240.82	130	48.825609	-86.937619	56176.29	56365.6	-115.57	56060.72	56058.35938	56075.18111	56073.80078	504578.6	5408071.7
L4580.0	504578.6	5408071.7	1365.40002	242.25	130	48.825609	-86.937619	56176.96	56365.6	-115.57	56061.40	56059.19922	56075.58194	56074.31250	504578.6	5408071.7
L4580.0	504578.5	5408069.7	1365.50000	243.33	130	48.825591	-86.937620	56177.02	56365.6	-115.56	56061.46	56059.42188	56076.02580	56074.87109	504578.5	5408069.7
L4580.0	504578.5	5408068.3	1365.59998	247.10	130	48.825578	-86.937620	56177.99	56365.6	-115.55	56062.44	56060.56250	56076.40985	56075.36719	504578.5	5408068.3
L4580.0	504578.5	5408066.7	1365.69995	248.55	130	48.825563	-86.937621	56178.70	56365.5	-115.55	56063.16	56061.44922	56076.81263	56075.87891	504578.5	5408066.7
L4580.0	504578.5	5408065.5	1365.80005	248.78	130	48.825553	-86.937621	56179.73	56365.5	-115.54	56064.19	56062.64453	56077.19597	56076.37500	504578.5	5408065.5
L4580.0	504578.5	5408065.5	1365.90002	247.72	130	48.825553	-86.937621	56180.80	56365.5	-115.54	56065.26	56063.87891	56077.57773	56076.87109	504578.5	5408065.5
L4580.0	504578.5	5408064.2	1366.00000	246.79	130	48.825541	-86.937621	56180.96	56365.5	-115.53	56065.43	56064.21875	56078.02044	56077.42578	504578.5	5408064.2
L4580.0	504578.5	5408062.6	1366.09998	245.47	130	48.825527	-86.937621	56181.84	56365.5	-115.53	56066.32	56065.27344	56078.41596	56077.93359	504578.5	5408062.6
L4580.0	504578.5	5408061.3	1366.19995	242.07	130	48.825515	-86.937621	56182.70	56365.5	-115.52	56067.18	56066.30469	56078.81414	56078.44141	504578.5	5408061.3
L4580.0	504578.5	5408059.8	1366.30005	240.56	130	48.825502	-86.937621	56183.10	56365.5	-115.51	56067.59	56066.88281	56079.24285	56078.98438	504578.5	5408059.8
L4580.0	504578.5	5408059.8	1366.40002	240.25	130	48.825502	-86.937621	56184.43	56365.5	-115.51	56068.92	56068.38281	56079.61063	56079.46094	504578.5	5408059.8
L4580.0	504578.5	5408058.2	1366.50000	239.50	130	48.825488	-86.937621	56185.40	56365.5	-115.51	56069.89	56069.52344	56080.00267	56079.96484	504578.5	5408058.2
L4580.0	504578.5	5408056.6	1366.59998	239.40	130	48.825473	-86.937621	56186.01	56365.5	-115.50	56070.51	56070.31641	56080.41820	56080.49219	504578.5	5408056.6
L4580.0	504578.5	5408055.1	1366.69995	239.84	130	48.825460	-86.937620	56186.88	56365.5	-115.50	56071.38	56071.35938	56080.81708	56081.00391	504578.5	5408055.1
L4580.0	504578.5	5408055.1	1366.80005	239.66	130	48.825460	-86.937620	56187.75	56365.5	-115.49	56072.26	56072.41016	56081.21519	56081.51172	504578.5	5408055.1
L4580.0	504578.5	5408053.5	1366.90002	242.73	130	48.825445	-86.937620	56188.64	56365.5	-115.49	56073.16	56073.48438	56081.61176	56082.01953	504578.5	5408053.5
L4580.0	504578.6	5408051.8	1367.00000	245.24	130	48.825430	-86.937620	56188.74	56365.5	-115.48	56073.26	56073.75391	56082.06134	56082.58203	504578.6	5408051.8
L4580.0	504578.6	5408050.2	1367.09998	249.15	130	48.825415	-86.937619	56189.40	56365.5	-115.46	56073.94	56074.60938	56082.47181	56083.10156	504578.6	5408050.2
L4580.0	504578.6	5408049.0	1367.19995	252.32	130	48.825404	-86.937619	56189.71	56365.4	-115.43	56074.28	56075.12109	56082.90442	56083.64453	504578.6	5408049.0
L4580.0	504578.6	5408049.0	1367.30005	253.68	130	48.825404	-86.937619	56190.91	56365.4	-115.41	56075.51	56076.52344	56083.27705	56084.12891	504578.6	5408049.0
L4580.0	504578.7	5408047.1	1367.40002	257.72	130	48.825387	-86.937619	56191.60	56365.4	-115.38	56076.22	56077.40625	56083.68362	56084.64453	504578.7	5408047.1
L4580.0	504578.7	5408045.9	1367.50000	256.72	130	48.825376	-86.937618	56192.20	56365.4	-115.36	56076.84	56078.19922	56084.09535	56085.16406	504578.7	5408045.9
L4580.0	504578.7	5408044.6	1367.59998	255.65	130	48.825365	-86.937618	56193.05	56365.3	-115.33	56077.72	56079.25000	56084.48884	56085.66797	504578.7	5408044.6
L4580.0	504578.7	5408044.6	1367.69995	257.62	130	48.825365	-86.937618	56193.41	56365.3	-115.31	56078.11	56079.81250	56084.91398	56086.20313	504578.7	5408044.6
L4580.0	504578.7	5408042.8	1367.80005	256.58	130	48.825349	-86.937618	56194.13	56365.3	-115.28	56078.85	56080.72266	56085.31471	56086.71094	504578.7	5408042.8
L4580.0	504578.7	5408041.4	1367.90002	259.16	130	48.825336	-86.937618	56194.38	56365.3	-115.26	56079.12	56081.16406	56085.74561	56087.25000	504578.7	5408041.4
L4580.0	504578.7	5408039.9	1368.00000	259.20	130	48.825322	-86.937618	56195.02	56365.2	-115.23	56079.79	56082.00781	56086.14860	56087.76172	504578.7	5408039.9
L4580.0	504578.7	5408039.9	1368.09998	257.33	130	48.825322	-86.937618	56195.99	56365.2	-115.23	56080.76	56083.14453	56086.53027	56088.25000	504578.7	5408039.9
L4580.0	504578.7	5408038.7	1368.19995	254.53	130	48.825312	-86.937618	56196.14	56365.2	-115.23	56080.91	56083.46484	56086.96523	56088.79297	504578.7	5408038.7
L4580.0	504578.7	5408037.0	1368.30005	252.11	130	48.825297	-86.937618	56196.10	56365.2	-115.23	56080.87	56083.59375	56087.41141	56089.34375	504578.7	5408037.0
L4580.0	504578.7	5408037.0	1368.40002	246.65	130	48.825297	-86.937618	56197.44	56365.2	-115.23	56082.21	56085.10156	56087.76408	56089.80469	504578.7	5408037.0
L4580.0	504578.7	5408035.1	1368.50000	242.46	130	48.825279	-86.937618	56198.56	56365.2	-115.23	56083.33	56086.39063	56088.12984	56090.27344	504578.7	5408035.1
L4580.0	504578.7	5408033.6	1368.59998	240.64	130	48.825266	-86.937618	56199.54	56365.2	-115.23	56084.31	56087.53516	56088.50331	56090.75391	504578.7	5408033.6
L4580.0	504578.7	5408032.1	1368.69995	241.18	130	48.825253	-86.937618	56199.74	56365.2	-115.23	56084.51	56087.90234	56088.92708	56091.28125	504578.7	5408032.1

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4580.0	504578.7	5408030.5	1368.80005	240.77	130	48.825238	-86.937618	56200.10	56365.2	-115.23	56084.87	56088.42578	56089.33846	56091.79688	504578.7	5408030.5
L4580.0	504578.7	5408030.5	1368.90002	240.78	130	48.825238	-86.937618	56200.53	56365.2	-115.23	56085.30	56089.01953	56089.74337	56092.30469	504578.7	5408030.5
L4580.0	504578.7	5408029.0	1369.00000	240.88	130	48.825225	-86.937618	56201.61	56365.2	-115.23	56086.38	56090.26172	56090.10311	56092.76953	504578.7	5408029.0
L4580.0	504578.7	5408027.3	1369.09998	239.67	130	48.825209	-86.937618	56201.42	56365.2	-115.21	56086.20	56090.24219	56090.54496	56093.31250	504578.7	5408027.3
L4580.0	504578.7	5408026.1	1369.19995	241.72	130	48.825199	-86.937618	56201.54	56365.2	-115.20	56086.34	56090.54297	56090.96354	56093.83594	504578.7	5408026.1
L4580.0	504578.7	5408025.0	1369.30005	244.97	130	48.825189	-86.937618	56201.98	56365.2	-115.18	56086.80	56091.16016	56091.35880	56094.33203	504578.7	5408025.0
L4580.0	504578.7	5408023.4	1369.40002	245.04	130	48.825174	-86.937618	56202.73	56365.2	-115.16	56087.56	56092.07422	56091.73205	56094.80859	504578.7	5408023.4
L4580.0	504578.7	5408021.7	1369.50000	246.52	130	48.825159	-86.937618	56203.21	56365.1	-115.14	56088.07	56092.74219	56092.11990	56095.29688	504578.7	5408021.7
L4580.0	504578.7	5408021.7	1369.59998	246.39	130	48.825159	-86.937618	56204.67	56365.1	-115.13	56089.54	56094.36719	56092.44164	56095.71875	504578.7	5408021.7
L4580.0	504578.7	5408019.9	1369.69995	245.68	130	48.825143	-86.937618	56205.11	56365.1	-115.11	56089.99	56094.96875	56092.82924	56096.20703	504578.7	5408019.9
L4580.0	504578.7	5408018.5	1369.80005	245.05	130	48.825130	-86.937618	56205.56	56365.1	-115.09	56090.47	56095.59766	56093.21266	56096.68750	504578.7	5408018.5
L4580.0	504578.7	5408018.5	1369.90002	243.07	130	48.825130	-86.937618	56205.66	56365.1	-115.08	56090.59	56095.86719	56093.61786	56097.19141	504578.7	5408018.5
L4580.0	504578.7	5408016.8	1370.00000	242.45	130	48.825115	-86.937618	56206.14	56365.1	-115.06	56091.08	56096.50391	56093.99615	56097.66797	504578.7	5408016.8
L4580.0	504578.7	5408016.8	1370.09998	241.12	130	48.825115	-86.937618	56207.04	56365.1	-115.05	56091.98	56097.55078	56094.34482	56098.11328	504578.7	5408016.8
L4580.0	504578.7	5408015.1	1370.19995	240.00	130	48.825099	-86.937618	56207.86	56365	-115.05	56092.81	56098.52344	56094.69584	56098.56250	504578.7	5408015.1
L4580.0	504578.7	5408013.6	1370.30005	240.48	130	48.825086	-86.937619	56208.52	56365	-115.04	56093.48	56099.33594	56095.05518	56099.01953	504578.7	5408013.6
L4580.0	504578.7	5408011.9	1370.40002	241.89	130	48.825071	-86.937619	56208.60	56365	-115.04	56093.56	56099.55859	56095.45148	56099.51172	504578.7	5408011.9
L4580.0	504578.7	5408010.9	1370.50000	242.21	130	48.825062	-86.937619	56209.34	56365	-115.03	56094.31	56100.44531	56095.80071	56099.95703	504578.7	5408010.9
L4580.0	504578.6	5408009.7	1370.59998	242.29	130	48.825051	-86.937619	56209.54	56365	-115.02	56094.51	56100.78125	56096.18418	56100.43359	504578.6	5408009.7
L4580.0	504578.6	5408009.7	1370.69995	243.66	130	48.825051	-86.937619	56210.01	56365	-115.02	56094.99	56101.39453	56096.54654	56100.89063	504578.6	5408009.7
L4580.0	504578.6	5408007.9	1370.80005	244.77	130	48.825035	-86.937620	56210.52	56365	-115.01	56095.50	56102.03906	56096.90442	56101.34375	504578.6	5408007.9
L4580.0	504578.6	5408006.3	1370.90002	246.56	130	48.825020	-86.937620	56210.81	56365	-115.01	56095.80	56102.46875	56097.27381	56101.80469	504578.6	5408006.3
L4580.0	504578.6	5408004.8	1371.00000	247.86	130	48.825007	-86.937620	56211.31	56365	-115.00	56096.31	56103.10547	56097.62668	56102.25000	504578.6	5408004.8
L4580.0	504578.6	5408004.8	1371.09998	249.87	130	48.825007	-86.937620	56211.76	56365	-114.99	56096.77	56103.69141	56097.98036	56102.69531	504578.6	5408004.8
L4580.0	504578.5	5408003.1	1371.19995	250.57	130	48.824991	-86.937621	56212.38	56365	-114.98	56097.40	56104.44531	56098.32016	56103.12891	504578.5	5408003.1
L4580.0	504578.5	5408002.1	1371.30005	254.06	130	48.824982	-86.937621	56212.68	56365	-114.97	56097.70	56104.86719	56098.67940	56103.57813	504578.5	5408002.1
L4580.0	504578.5	5408000.6	1371.40002	256.11	130	48.824969	-86.937622	56212.90	56365	-114.96	56097.94	56105.22656	56099.04008	56104.02734	504578.5	5408000.6
L4580.0	504578.4	5407999.2	1371.50000	257.91	130	48.824956	-86.937622	56213.47	56365	-114.96	56098.52	56105.92188	56099.37551	56104.45313	504578.4	5407999.2
L4580.0	504578.4	5407998.0	1371.59998	258.55	130	48.824945	-86.937622	56214.26	56364.9	-114.95	56099.32	56106.83984	56099.69368	56104.85938	504578.4	5407998.0
L4580.0	504578.4	5407996.5	1371.69995	257.87	130	48.824932	-86.937623	56214.70	56364.9	-114.94	56099.76	56107.39063	56100.03326	56105.28906	504578.4	5407996.5
L4580.0	504578.3	5407995.3	1371.80005	258.12	130	48.824922	-86.937624	56214.91	56364.9	-114.93	56099.98	56107.72266	56100.38490	56105.72656	504578.3	5407995.3
L4580.0	504578.3	5407995.3	1371.90002	256.64	130	48.824922	-86.937624	56215.15	56364.9	-114.92	56100.23	56108.07813	56100.73195	56106.16016	504578.3	5407995.3
L4580.0	504578.3	5407993.6	1372.00000	255.47	130	48.824906	-86.937624	56215.79	56364.9	-114.91	56100.88	56108.83594	56101.04972	56106.56641	504578.3	5407993.6
L4580.0	504578.3	5407992.0	1372.09998	255.37	130	48.824891	-86.937625	56216.36	56364.9	-114.90	56101.46	56109.51563	56101.36956	56106.97266	504578.3	5407992.0
L4580.0	504578.2	5407990.3	1372.19995	253.99	130	48.824876	-86.937625	56215.98	56364.9	-114.89	56101.09	56109.25000	56101.75013	56107.43750	504578.2	5407990.3
L4580.0	504578.2	5407990.3	1372.30005	256.28	130	48.824876	-86.937625	56216.20	56364.9	-114.88	56101.31	56109.56641	56102.08878	56107.85938	504578.2	5407990.3
L4580.0	504578.2	5407988.8	1372.40002	255.05	130	48.824863	-86.937625	56216.79	56364.9	-114.87	56101.92	56110.27344	56102.39883	56108.25391	504578.2	5407988.8
L4580.0	504578.2	5407987.7	1372.50000	253.47	130	48.824853	-86.937626	56217.53	56364.9	-114.86	56102.67	56111.11719	56102.69697	56108.63672	504578.2	5407987.7
L4580.0	504578.2	5407986.7	1372.59998	253.12	130	48.824844	-86.937626	56217.86	56364.8	-114.85	56103.01	56111.54688	56103.01988	56109.04297	504578.2	5407986.7
L4580.0	504578.2	5407985.3	1372.69995	252.56	130	48.824831	-86.937626	56218.71	56364.8	-114.84	56103.87	56112.49609	56103.30556	56109.41016	504578.2	5407985.3
L4580.0	504578.2	5407983.9	1372.80005	251.05	130	48.824818	-86.937626	56218.59	56364.8	-114.83	56103.76	56112.47266	56103.65337	56109.83984	504578.2	5407983.9
L4580.0	504578.2	5407983.9	1372.90002	248.62	130	48.824818	-86.937626	56219.19	56364.8	-114.82	56104.37	56113.16406	56103.95064	56110.21484	504578.2	5407983.9
L4580.0	504578.2	5407982.2	1373.00000	248.89	130	48.824803	-86.937626	56219.55	56364.8	-114.81	56104.74	56113.61719	56104.26142	56110.60938	504578.2	5407982.2
L4580.0	504578.2	5407980.8	1373.09998	246.71	130	48.824791	-86.937626	56219.24	56364.8	-114.80	56104.44	56113.39453	56104.61437	56111.03906	504578.2	5407980.8
L4580.0	504578.2	5407979.1	1373.19995	244.17	130	48.824776	-86.937626	56220.31	56364.8	-114.79	56105.52	56114.55078	56104.87285	56111.37891	504578.2	5407979.1
L4580.0	504578.2	5407979.1	1373.30005	244.17	130	48.824776	-86.937626	56220.74	56364.8	-114.78	56105.96	56115.06250	56105.17157	56111.75391	504578.2	5407979.1
L4580.0	504578.2	5407976.9	1373.40002	242.32	130	48.824756	-86.937626	56220.69	56364.8	-114.77	56105.92	56115.09375	56105.49987	56112.16016	504578.2	5407976.9
L4580.0	504578.2	5407975.5	1373.50000	239.91	130	48.824743	-86.937626	56221.27	56364.8	-114.76	56106.51	56115.75391	56105.78379	56112.52344	504578.2	5407975.5
L4580.0	504578.2	5407974.3	1373.59998	237.61	130	48.824733	-86.937626	56221.87	56364.8	-114.76	56107.11	56116.41797	56106.06468	56112.87891	504578.2	5407974.3
L4580.0	504578.2	5407974.3	1373.69995	237.90	130	48.824733	-86.937626	56222.00	56364.7	-114.75	56107.25	56116.62109	56106.37392	56113.26563	504578.2	5407974.3
L4580.0	504578.2	5407971.5	1373.80005	236.57	130	48.824707	-86.937626	56221.78	56364.7	-114.74	56107.04	56116.47266	56106.70420	56113.66797	504578.2	5407971.5
L4580.0	504578.2	5407971.5	1373.90002	239.30	130	48.824707	-86.937626	56221.95	56364.7	-114.73	56107.22	56116.71094	56107.00622	56114.04688	504578.2	5407971.5
L4580.0	504578.2	5407970.0	1374.00000	236.88	130	48.824694	-86.937626	56221.84	56364.7	-114.72	56107.12	56116.66797	56107.32469	56114.43750	504578.2	5407970.0
L4580.0	504578.2	5407970.0	1374.09998	236.53	130	48.824694	-86.937626	56222.06	56364.7	-114.71	56107.36	56116.96094	56107.61830	56114.80469	504578.2	5407970.0
L4580.0	504578.2	5407968.1	1374.19995	236.44	130	48.824677	-86.937626	56222.10	56364.7	-114.70	56107.41	56117.06250	56107.92242	56115.18359	504578.2	5407968.1
L4580.0	504578.2	5407966.4	1374.30005	237.05	130	48.824662	-86.937626	56222.86	56364.7	-114.68	56108.18	56117.88281	56108.17643	56115.50781	504578.2	5407966.4
L4580.0	504578.2	5407965.2	1374.40002	241.04	130	48.824650	-86.937626	56222.54	56364.7	-114.67	56107.86	56117.60938	56108.50102	56115.90234	504578.2	5407965.2
L4580.0	504578.2	5407963.7	1374.50000	244.66	130	48.824637	-86.937626	56222.66	56364.7	-114.66	56108.00	56117.79297	56108.79290	56116.26563	504578.2	5407963.7
L4580.0	504578.2	5407962.5	1374.59998	246.42	130	48.824627	-86.937626	56222.79	56364.6	-114.65	56108.14	56117.97266	56109.08277	56116.62500	504578.2	5407962.5
L4580.0	504578.2	5407962.5	1374.69995	248.10	130	48.824627	-86.937626	56223.22	56364.6	-114.64	56108.58	56118.45313	56109.35066	56116.96094	504578.2	5407962.5
L4580.0	504578.2	5407960.2	1374.80005	247.80	130	48.824605	-86.937625	56223.78	56364.6	-114.62	56109.15	56119.05859	56109.60794	56117.28906	504578.2	5407960.2
L4580.0	504578.2	5407960.2	1374.90002	249.09	130	48.824605	-86.937625	56224.38	56364.6	-114.61	56109.76	56119.70313	56109.86064	56117.60938	504578.2	5407960.2
L4580.0	504578.2	5407958.7	1375.00000	249.67	130	48.824592	-86.937625	56224.70	56364.6	-114.60	56110.10	56120.07813	56110.12946	56117.94531	504578.2	5407958.7
L4580.0	504578.3	5407957.3	1375.09998	249.20	130	48.824579	-86.937625	56225.14	56364.6	-114.59	56110.55	56120.55859	56110.38910	56118.26953	504578.3	5407957.3
L4580.0	504578.3	5407955.8	1375.19995	251.34	130	48.824566	-86.937625	56225.64	56364.6	-114.58	56111.06	56121.09375	56110.64292	56118.58984	504578.3	5407955.8
L4580.0	504578.3	5407954.1	1375.30005	251.67	130	48.824551	-86.937624	56225.32	56364.6	-114.58	56110.74	56120.80078	56110.95028	56118.96484	504578.3	5407954.1
L4580.0	504578.3	5407954.1	1375.40002	252.13	130	48.824551	-86.937624	56225.85	56364.6	-114.57	56111.28	56121.36328	56111.19854	56119.27734	504578.3	5407954.1
L4580.0	504578.3	5407952.9	1375.50000	251.36	130	48.824540	-86.937624	56225.52	56364.6	-114.56	56110.96	56121.06250	56111.50240	56119.64453	504578.3	5407952.9
L4580.0	504578.3	5407951.4	1375.59998	248.49	130	48.824527	-86.937624	56225.88	56364.6	-114.55	56111.32	56121.44141	56111.75922	56119.96484	504578.3	5407951.4
L4580.0	504578.3	5407950.0	1375.69995	247.09	130	48.824514	-86.937624	56226.33	56364.5	-114.54	56111.79	56121.92969	56112.00702	56120.27344	504578.3	5407950.0
L4580.0	504578.3	5407948.6	1375.80005	247.67	130	48.824501	-86.937624	56226.86	56364.5	-114.54	56112.33	56122.48438	56112.24848	56120.57813	504578.3	5407948.6
L4580.0	504578.4	5407947.4	1375.90002	246.48	130	48.824490	-86.937624	56227.03	56364.5	-114.53	56112.50	56122.66797	56112.51298	56120.90234	504578.4	5407947.4
L4580.0	504578.4	5407946.2	1376.00000	245.48	130	48.824479	-86.937624	56226.99	56364.5	-114.52	56112.47	56122.64844	56112.78919	56121.23828	504578.4	5407946.2
L4580.0	504578.4	5407946.2	1376.09998	245.97	130	48.824479	-86.937624	56226.95	56364.5	-114.51	56112.45	56122.63672	56113.06315	56121.57031	504578.4	5407946.2
L4580.0	504578.4	5407944.7	1376.19995	247.99	130	48.824467	-86.937624	56227.32	56364.5	-114.50	56112.83	56123.01953	56113.30886	56121.87500	504578.4	5407944.7
L4580.0	504578.4	5407943.5	1376.30005	249.09	130	48.824456	-86.937624	56227.66	56364.5	-114.48	56113.18	56123.37500	56113.55502	56122.17969	504578.4	5407943.5
L4580.0	504578.4	5407941.8	1376.40002	248.76	130	48.824440	-86.937624	56227.68	56364.5	-114.47	56113.21	56123.41016	56113.82099	56122.50000	504578.4	5407941.8
L4580.0	504578.4	5407941.1	1376.50000	248.66	130	48.824434	-86.937624	56228.02	56364.5	-114.46	56113.56	56123.75781	56114.06412	56122.80078	504578.4	5407941.1
L4580.0	504578.4	5407939.7	1376.59998	247.19	130	48.824421	-86.937623	56228.88	56364.4	-114.45	56114.44	56124.63672	56114.27042	56123.06250	504578.4	5407939.7
L4580.0	504578.4	5407938.2	1376.69995	248.72	130	48.824408	-86.937623	56229.31	56364.4	-114.44	56114.87	56125.06250	56114.50526	56123.35156	504578.4	5407938.2
L4580.0	504578.4	5407937.0	1376.80005	245.91	130	48.824397	-86.937623	56229.32	56364.4	-114.42	56114.90	56125.08984	56114.76531	56123.66406	504578.4	5407937.0
L4580.0	504578.4	5407935.8	1376.90002	245.41	130	48.824386	-86.937623	56229.16	56364.4	-114.41	56114.75	56124.93359	56115.03595	56123.98828	504578.4	5407935.8
L4580.0	504578.4	5407934.6	1377.00000	242.86	130	48.824376	-86.937623	56229.60	56364.4	-114.40	56115.20	56125.37500	56115.26517	56124.26953	504578.4	5407934.6
L4580.0	504578.4	5407933.2	1377.09998	241.62	130	48.824363	-86.937623	56230.29	56364.4	-114.40	56115.90	56126.06250	56115.47634	56124.53125	504578.4	5407933.2
L4580.0	504578.4	5407933.2	1377.19995	239.63	130	48.824363	-86.937623	56229.95	56364.4	-114.39	56115.56	56125.71094	56115.75549	56124.85938	504578.4	5407933.2
L4580.0	504578.4	5407931.8	1377.30005	241.35	130	48.824350	-86.937623	56229.81	56364.4	-114.39	56115.42	56125.55859	56116.01996	56125.17578	504578.4	5407931.8
L4580.0	504578.4	5407930.1	1377.40002	246.02	130	48.824334	-86.937623	56230.06	56364.4	-114.39	56115.67	56125.79297	56116.25710	56125.46094	504578.4	5407930.1
L4580.0	504578.4	5407928.6	1377.50000	248.67	130	48.824322	-86.937624	56230.37	56364.4	-114.39	56115.98	56126.08594	56116.48895	56125.73828	504578.4	5407928.6
L4580.0	504578.4	5407927.3	1377.59998	250.67	130	48.824309	-86.937624	56230.62	56364.4	-114.38	56116.23	56126.32031	56116.72352	56126.01953	504578.4	5407927.3
L4580.0	504578.4	5407927.3	1377.69995	250.43	130	48.824309	-86.937624	56231.06	56364.4	-114.38	56116.68	56126.75000	56116.94350	56126.28516	504578.4	5407927.3
L4580.0	504578.4	5407926.1	1377.80005	252.85	130	48.824299	-86.937624	56230.98	56364.4	-114.38	56116.60	56126.64844	56117.19757	56126.58594	504578.4	5407926.1
L4580.0	504578.4	5407924.7	1377.90002	253.03	130	48.824286	-86.937624	56231.46	56364.4	-114.37	56117.09	56127.11719	56117.41244	56126.84375	504578.4	5407924.7
L4580.0	504578.3	5407923.8	1378.00000	250.61	130	48.824278	-86.937624	56231.39	56364.4	-114.37	56117.02	56127.02344	56117.66344	56127.13672	504578.3	5407923.8

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4580.0	504578.3	5407922.2	1378.09998	250.75	130	48.824263	-86.937625	56231.28	56364.4	-114.35	56116.93	56126.91016	56117.91461	56127.42969	504578.3	5407922.2
L4580.0	504578.3	5407920.7	1378.19995	248.84	130	48.824251	-86.937625	56231.84	56364.3	-114.33	56117.51	56127.46094	56118.11996	56127.67578	504578.3	5407920.7
L4580.0	504578.3	5407920.7	1378.30005	247.27	130	48.824251	-86.937625	56232.18	56364.3	-114.31	56117.86	56127.78516	56118.33952	56127.93359	504578.3	5407920.7
L4580.0	504578.3	5407919.3	1378.40002	245.65	130	48.824238	-86.937625	56232.00	56364.3	-114.29	56117.70	56127.59766	56118.59197	56128.22656	504578.3	5407919.3
L4580.0	504578.3	5407918.0	1378.50000	245.54	130	48.824226	-86.937625	56232.16	56364.3	-114.28	56117.89	56127.75781	56118.82000	56128.48828	504578.3	5407918.0
L4580.0	504578.3	5407916.6	1378.59998	245.63	130	48.824213	-86.937625	56232.56	56364.3	-114.26	56118.30	56128.13672	56119.03229	56128.73828	504578.3	5407916.6
L4580.0	504578.3	5407915.2	1378.69995	245.90	130	48.824201	-86.937625	56232.86	56364.2	-114.24	56118.62	56128.42578	56119.24954	56128.99219	504578.3	5407915.2
L4580.0	504578.3	5407914.1	1378.80005	244.09	130	48.824191	-86.937624	56233.28	56364.2	-114.22	56119.06	56128.83203	56119.45777	56129.23438	504578.3	5407914.1
L4580.0	504578.4	5407913.1	1378.90002	242.27	130	48.824182	-86.937624	56233.48	56364.2	-114.20	56119.28	56129.01953	56119.67965	56129.48828	504578.4	5407913.1
L4580.0	504578.4	5407911.7	1379.00000	242.00	130	48.824170	-86.937624	56233.56	56364.2	-114.18	56119.38	56129.08203	56119.90854	56129.75000	504578.4	5407911.7
L4580.0	504578.4	5407911.7	1379.09998	238.99	130	48.824170	-86.937624	56233.65	56364.2	-114.18	56119.47	56129.13672	56120.13713	56130.00781	504578.4	5407911.7
L4580.0	504578.4	5407910.2	1379.19995	241.49	130	48.824156	-86.937624	56234.02	56364.2	-114.18	56119.84	56129.47266	56120.34609	56130.24609	504578.4	5407910.2
L4580.0	504578.4	5407909.4	1379.30005	242.45	130	48.824149	-86.937624	56234.04	56364.2	-114.18	56119.86	56129.45313	56120.57746	56130.50391	504578.4	5407909.4
L4580.0	504578.4	5407908.3	1379.40002	243.47	130	48.824139	-86.937624	56233.66	56364.2	-114.18	56119.48	56129.03906	56120.83456	56130.78906	504578.4	5407908.3
L4580.0	504578.4	5407907.0	1379.50000	245.49	130	48.824127	-86.937623	56233.24	56364.2	-114.18	56119.06	56128.57813	56121.09343	56131.07422	504578.4	5407907.0
L4580.0	504578.4	5407905.7	1379.59998	246.22	130	48.824115	-86.937623	56234.40	56364.2	-114.19	56120.21	56129.68750	56121.24674	56131.25391	504578.4	5407905.7
L4580.0	504578.5	5407904.4	1379.69995	245.40	130	48.824103	-86.937623	56234.42	56364.2	-114.19	56120.23	56129.66797	56121.47451	56131.50391	504578.5	5407904.4
L4580.0	504578.5	5407904.4	1379.80005	244.48	130	48.824103	-86.937623	56234.56	56364.2	-114.19	56120.37	56129.76953	56121.69341	56131.74609	504578.5	5407904.4
L4580.0	504578.5	5407903.1	1379.90002	243.17	130	48.824092	-86.937623	56235.24	56364.2	-114.19	56121.05	56130.40625	56121.87545	56131.94922	504578.5	5407903.1
L4580.0	504578.5	5407901.5	1380.00000	243.17	130	48.824078	-86.937623	56235.16	56364.2	-114.19	56120.97	56130.28516	56122.10733	56132.19922	504578.5	5407901.5
L4580.0	504578.5	5407901.5	1380.09998	244.64	130	48.824078	-86.937623	56235.26	56364.2	-114.18	56121.08	56130.35547	56122.32570	56132.43750	504578.5	5407901.5
L4580.0	504578.5	5407899.8	1380.19995	244.76	130	48.824063	-86.937622	56235.56	56364.2	-114.17	56121.39	56130.62109	56122.52992	56132.65625	504578.5	5407899.8
L4580.0	504578.5	5407898.7	1380.30005	245.64	130	48.824053	-86.937622	56235.67	56364.2	-114.16	56121.51	56130.69922	56122.74600	56132.88672	504578.5	5407898.7
L4580.0	504578.5	5407897.3	1380.40002	246.16	130	48.824040	-86.937622	56236.09	56364.2	-114.15	56121.94	56131.08594	56122.94060	56133.09766	504578.5	5407897.3
L4580.0	504578.5	5407896.1	1380.50000	247.16	130	48.824029	-86.937622	56236.18	56364.1	-114.14	56122.04	56131.14453	56123.15641	56133.32422	504578.5	5407896.1
L4580.0	504578.5	5407894.9	1380.59998	247.12	130	48.824018	-86.937622	56236.21	56364.1	-114.13	56122.08	56131.14063	56123.37544	56133.55469	504578.5	5407894.9
L4580.0	504578.5	5407894.0	1380.69995	247.88	130	48.824010	-86.937622	56236.72	56364.1	-114.12	56122.60	56131.61719	56123.56168	56133.75391	504578.5	5407894.0
L4580.0	504578.5	5407894.0	1380.80005	248.72	130	48.824010	-86.937622	56237.23	56364.1	-114.11	56123.12	56132.08984	56123.74715	56133.94922	504578.5	5407894.0
L4580.0	504578.5	5407892.8	1380.90002	247.16	130	48.823999	-86.937622	56236.92	56364.1	-114.10	56122.82	56131.74609	56123.98652	56134.19531	504578.5	5407892.8
L4580.0	504578.5	5407890.9	1381.00000	244.90	130	48.823983	-86.937622	56237.03	56364.1	-114.09	56122.94	56131.82422	56124.19713	56134.41016	504578.5	5407890.9
L4580.0	504578.5	5407890.9	1381.09998	243.29	130	48.823983	-86.937622	56237.23	56364.1	-114.07	56123.16	56131.99609	56124.40031	56134.61719	504578.5	5407890.9
L4580.0	504578.5	5407889.8	1381.19995	243.19	130	48.823973	-86.937622	56237.54	56364.1	-114.06	56123.48	56132.27344	56124.59609	56134.81641	504578.5	5407889.8
L4580.0	504578.5	5407888.7	1381.30005	242.77	130	48.823963	-86.937622	56237.74	56364	-114.04	56123.70	56132.44922	56124.79778	56135.01953	504578.5	5407888.7
L4580.0	504578.5	5407886.7	1381.40002	240.26	130	48.823944	-86.937622	56238.38	56364	-114.03	56124.35	56133.05469	56124.97007	56135.19531	504578.5	5407886.7
L4580.0	504578.5	5407886.7	1381.50000	240.64	130	48.823944	-86.937622	56238.21	56364	-114.01	56124.20	56132.85938	56125.19497	56135.41797	504578.5	5407886.7
L4580.0	504578.5	5407885.3	1381.59998	242.72	130	48.823932	-86.937622	56238.48	56364	-113.99	56124.48	56133.09375	56125.39047	56135.60938	504578.5	5407885.3
L4580.0	504578.5	5407884.1	1381.69995	245.23	130	48.823921	-86.937622	56238.03	56364	-113.98	56124.05	56132.62109	56125.63259	56135.84766	504578.5	5407884.1
L4580.0	504578.5	5407884.1	1381.80005	244.36	130	48.823921	-86.937622	56238.32	56364	-113.96	56124.36	56132.88672	56125.82466	56136.03516	504578.5	5407884.1
L4580.0	504578.5	5407882.3	1381.90002	246.52	130	48.823905	-86.937622	56238.73	56363.9	-113.95	56124.78	56133.26172	56126.00869	56136.21094	504578.5	5407882.3
L4580.0	504578.5	5407882.3	1382.00000	247.48	130	48.823905	-86.937622	56238.77	56363.9	-113.93	56124.84	56133.27734	56126.21601	56136.41016	504578.5	5407882.3
L4580.0	504578.5	5407881.5	1382.09998	246.46	130	48.823898	-86.937622	56239.15	56363.9	-113.92	56125.22	56133.61328	56126.40131	56136.58594	504578.5	5407881.5
L4580.0	504578.5	5407880.1	1382.19995	248.40	130	48.823885	-86.937622	56238.81	56363.9	-113.92	56124.89	56133.24219	56126.63324	56136.80469	504578.5	5407880.1
L4580.0	504578.5	5407879.2	1382.30005	249.89	130	48.823877	-86.937622	56239.22	56363.9	-113.91	56125.31	56133.61719	56126.81448	56136.97656	504578.5	5407879.2
L4580.0	504578.5	5407878.2	1382.40002	250.49	130	48.823868	-86.937622	56239.18	56363.9	-113.91	56125.27	56133.53516	56127.02571	56137.17188	504578.5	5407878.2
L4580.0	504578.5	5407877.2	1382.50000	250.76	130	48.823859	-86.937622	56239.37	56363.9	-113.90	56125.47	56133.69141	56127.22025	56137.35156	504578.5	5407877.2
L4580.0	504578.5	5407876.4	1382.59998	251.35	130	48.823851	-86.937622	56239.30	56363.9	-113.89	56125.41	56133.58984	56127.43145	56137.54297	504578.5	5407876.4
L4580.0	504578.5	5407876.4	1382.69995	249.89	130	48.823851	-86.937622	56240.06	56363.9	-113.89	56126.18	56134.31641	56127.58664	56137.67969	504578.5	5407876.4
L4580.0	504578.5	5407875.5	1382.80005	248.10	130	48.823844	-86.937622	56240.14	56363.9	-113.88	56126.26	56134.35547	56127.78716	56137.85938	504578.5	5407875.5
L4580.0	504578.5	5407874.5	1382.90002	247.40	130	48.823835	-86.937622	56240.29	56363.9	-113.88	56126.42	56134.47266	56127.98168	56138.03125	504578.5	5407874.5
L4580.0	504578.5	5407873.6	1383.00000	244.98	130	48.823826	-86.937622	56240.63	56363.9	-113.87	56126.75	56134.76172	56128.16420	56138.19141	504578.5	5407873.6
L4580.0	504578.6	5407872.9	1383.09998	245.95	130	48.823821	-86.937622	56240.65	56363.9	-113.86	56126.79	56134.76172	56128.36539	56138.36719	504578.6	5407872.9
L4580.0	504578.6	5407871.7	1383.19995	246.49	130	48.823810	-86.937622	56240.76	56363.8	-113.84	56126.92	56134.85156	56128.55992	56138.53516	504578.6	5407871.7
L4580.0	504578.6	5407870.8	1383.30005	246.49	130	48.823801	-86.937622	56240.68	56363.8	-113.83	56126.85	56134.74219	56128.76712	56138.71484	504578.6	5407870.8
L4580.0	504578.6	5407870.8	1383.40002	249.74	130	48.823801	-86.937622	56241.28	56363.8	-113.81	56127.47	56135.32422	56128.92766	56138.84766	504578.6	5407870.8
L4580.0	504578.6	5407870.0	1383.50000	249.42	130	48.823794	-86.937622	56241.24	56363.8	-113.79	56127.45	56135.26563	56129.13022	56139.01953	504578.6	5407870.0
L4580.0	504578.6	5407868.9	1383.59998	248.72	130	48.823785	-86.937621	56241.54	56363.8	-113.78	56127.76	56135.53906	56129.31013	56139.16797	504578.6	5407868.9
L4580.0	504578.6	5407868.4	1383.69995	247.21	130	48.823779	-86.937621	56242.06	56363.8	-113.76	56128.29	56136.03125	56129.47472	56139.29688	504578.6	5407868.4
L4580.0	504578.6	5407867.6	1383.80005	248.15	130	48.823772	-86.937621	56241.66	56363.8	-113.75	56127.91	56135.61328	56129.69934	56139.48438	504578.6	5407867.6
L4580.0	504578.6	5407866.8	1383.90002	248.55	130	48.823766	-86.937622	56241.81	56363.7	-113.74	56128.07	56135.73828	56129.88732	56139.63672	504578.6	5407866.8
L4580.0	504578.6	5407865.8	1384.00000	247.61	130	48.823756	-86.937622	56241.86	56363.7	-113.72	56128.14	56135.77344	56130.08067	56139.79297	504578.6	5407865.8
L4580.0	504578.6	5407865.8	1384.09998	248.15	130	48.823756	-86.937622	56242.18	56363.7	-113.71	56128.47	56136.06641	56130.25606	56139.92969	504578.6	5407865.8
L4580.0	504578.6	5407864.6	1384.19995	247.69	130	48.823745	-86.937622	56242.48	56363.7	-113.70	56128.79	56136.35156	56130.43151	56140.06250	504578.6	5407864.6
L4580.0	504578.5	5407863.7	1384.30005	250.52	130	48.823738	-86.937622	56242.79	56363.7	-113.68	56129.11	56136.63672	56130.60635	56140.19531	504578.5	5407863.7
L4580.0	504578.5	5407863.7	1384.40002	249.17	130	48.823738	-86.937622	56243.02	56363.7	-113.67	56129.35	56136.84375	56130.78593	56140.33203	504578.5	5407863.7
L4580.0	504578.5	5407863.1	1384.50000	250.08	130	48.823732	-86.937622	56243.23	56363.7	-113.66	56129.57	56137.03125	56130.96627	56140.46484	504578.5	5407863.1
L4580.0	504578.5	5407862.1	1384.59998	247.63	130	48.823723	-86.937622	56243.25	56363.6	-113.65	56129.61	56137.03906	56131.15804	56140.60938	504578.5	5407862.1
L4580.0	504578.5	5407861.3	1384.69995	247.38	130	48.823716	-86.937623	56243.15	56363.6	-113.64	56129.52	56136.91797	56131.35794	56140.76172	504578.5	5407861.3
L4580.0	504578.5	5407861.3	1384.80005	245.42	130	48.823716	-86.937623	56243.67	56363.6	-113.62	56130.04	56137.40625	56131.51664	56140.87109	504578.5	5407861.3
L4580.0	504578.5	5407860.4	1384.90002	244.47	91.05	48.823708	-86.937623	56243.84	56363.6	-113.61	56130.23	56137.56641	56131.69683	56141.00391	504578.5	5407860.4
L4580.0	504578.5	5407859.8	1385.00000	244.18	91.05	48.823703	-86.937623	56243.48	56363.6	-113.60	56129.88	56137.18750	56131.91255	56141.16797	504578.5	5407859.8
L4580.0	504578.5	5407859.0	1385.09998	245.49	91.05	48.823695	-86.937623	56243.95	56363.6	-113.59	56130.36	56137.64063	56132.07247	56141.27344	504578.5	5407859.0
L4580.0	504578.5	5407858.2	1385.19995	246.84	91.25	48.823688	-86.937623	56244.12	56363.6	-113.58	56130.54	56137.78906	56132.25196	56141.39844	504578.5	5407858.2
L4580.0	504578.5	5407857.5	1385.30005	244.79	91.32	48.823682	-86.937623	56243.91	56363.6	-113.57	56130.35	56137.57422	56132.45571	56141.54688	504578.5	5407857.5
L4580.0	504578.5	5407857.5	1385.40002	241.59	91.32	48.823682	-86.937623	56243.95	56363.6	-113.56	56130.39	56137.58594	56132.64377	56141.67578	504578.5	5407857.5
L4580.0	504578.5	5407857.0	1385.50000	242.39	90.64	48.823677	-86.937623	56243.94	56363.5	-113.54	56130.39	56137.55859	56132.83415	56141.80859	504578.5	5407857.0
L4580.0	504578.5	5407857.0	1385.59998	243.31	90.92	48.823677	-86.937623	56243.73	56363.5	-113.53	56130.20	56137.34375	56133.03689	56141.95313	504578.5	5407857.0
L4580.0	504578.5	5407856.1	1385.69995	244.36	90.92	48.823669	-86.937623	56243.72	56363.5	-113.52	56130.20	56137.31641	56133.22669	56142.08203	504578.5	5407856.1
L4580.0	504578.5	5407855.6	1385.80005	244.92	90.57	48.823665	-86.937623	56243.94	56363.5	-113.51	56130.43	56137.52344	56133.40093	56142.19531	504578.5	5407855.6
L4580.0	504578.5	5407855.0	1385.90002	243.45	90.53	48.823659	-86.937623	56244.40	56363.5	-113.50	56130.90	56137.96875	56133.55897	56142.28906	504578.5	5407855.0
L4580.0	504578.5	5407854.5	1386.00000	246.10	90.53	48.823654	-86.937623	56244.74	56363.5	-113.49	56131.25	56138.29688	56133.72486	56142.39063	504578.5	5407854.5
L4580.0	504578.5	5407853.9	1386.09998	247.49	90.53	48.823649	-86.937623	56244.46	56363.5	-113.49	56130.97	56137.99219	56133.93264	56142.53516	504578.5	5407853.9
L4580.0	504578.5	5407853.9	1386.19995	246.08	88.38	48.823649	-86.937623	56244.50	56363.5	-113.48	56131.02	56138.01953	56134.11834	56142.65625	504578.5	5407853.9
L4580.0	504578.5	5407853.3	1386.30005	246.20	88.43	48.823644	-86.937623	56244.86	56363.5	-113.47	56131.39	56138.36719	56134.28267	56142.75391	504578.5	5407853.3
L4580.0	504578.5	5407852.8	1386.40002	246.04	88.43	48.823639	-86.937622	56244.84	56363.5	-113.47	56131.37	56138.32813	56134.47302	56142.87500	504578.5	5407852.8
L4580.0	504578.6	5407852.2	1386.50000	246.82	89.46	48.823634	-86.937622	56245.46	56363.5	-113.47	56132.00	56138.93750	56134.62008	56142.95313	504578.6	5407852.2
L4580.0	504578.6	5407852.2	1386.59998	245.47	86.78	48.823634	-86.937622	56244.84	56363.5	-113.46	56131.38	56138.29688	56134.85058	56143.11328	504578.6	5407852.2
L4580.0	504578.6	5407851.6	1386.69995	245.47	86.78	48.823628	-86.937622	56243.53	56363.5	-113.46	56130.08	56136.97656	56135.12655	56143.32031	504578.6	5407851.6
L4580.0	504578.6	5407851.0	1386.80005	244.94	84.05	48.823623	-86.937622	56244.02	56363.5	-113.45	56130.57	56137.44531	56135.28338	56143.40625	504578.6	5407851.0
L4580.0	504578.6	5407850.5	1386.90002	246.59	84.05	48.823619	-86.937621	56244.24	56363.4	-113.44	56130.80	56137.65625	56135.45778	56143.50781	504578.6	5407850.5
L4580.0	504578.6	5407850.5	1387.00000	248.61	84.37	48.823619	-86.937621	56244.84	56363.4	-113.44	56131.40	56138.23828	56135.60779	56143.58594	504578.6	5407850.5
L4580.0	504578.6	5407850.2	1387.09998	246.95	84.05	48.823616	-86.937621	56246.24	56363.4	-113.43	56132.81	56139.63281	56135.70413	56143.60547	504578.6	5407850.2
L4580.0	504578.6	5407849.8	1387.19995	247.33	84.05	48.823612	-86.937621	56246.34	56363.4	-113.42	56132.92	56139.72266	56135.88752	56143.71484	504578.6	5407849.8
L4580.0	504578.6	5407849.3	1387.30005	245.92	87.39	48.823608	-86.937621	56246.16	56363.4	-113.41	56132.75	56139.53906	56136.09000	56143.84375	504578.6	5407849.3

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4580.0	504578.6	5407849.0	1387.40002	246.21	91.05	48.823605	-86.937621	56245.98	56363.4	-113.40	56132.58	56139.35156	56136.29296	56143.96875	504578.6	5407849.0
L4580.0	504578.6	5407849.0	1387.50000	247.71	91.05	48.823605	-86.937621	56245.96	56363.4	-113.39	56132.56	56139.31250	56136.48645	56144.08594	504578.6	5407849.0
L4580.0	504578.6	5407848.6	1387.59998	250.40	90.86	48.823602	-86.937621	56246.06	56363.4	-113.39	56132.67	56139.41016	56136.67186	56144.19531	504578.6	5407848.6
L4580.0	504578.7	5407848.2	1387.69995	251.86	90.86	48.823598	-86.937621	56246.25	56363.4	-113.38	56132.87	56139.59375	56136.85190	56144.29688	504578.7	5407848.2
L4580.0	504578.7	5407847.8	1387.80005	251.32	90.75	48.823594	-86.937621	56246.39	56363.4	-113.37	56133.02	56139.72656	56137.03597	56144.40234	504578.7	5407847.8
L4580.0	504578.7	5407847.4	1387.90002	250.20	90.75	48.823591	-86.937621	56246.88	56363.4	-113.36	56133.52	56140.21094	56137.19746	56144.48438	504578.7	5407847.4
L4580.0	504578.7	5407847.2	1388.00000	249.44	82.42	48.823589	-86.937621	56245.55	56363.3	-113.35	56132.20	56138.87891	56137.48108	56144.69141	504578.7	5407847.2
L4580.0	504578.7	5407847.2	1388.09998	249.14	82.42	48.823589	-86.937621	56245.86	56363.3	-113.33	56132.52	56139.18359	56137.65623	56144.78516	504578.7	5407847.2
L4580.0	504578.7	5407846.8	1388.19995	250.93	81.8	48.823586	-86.937620	56246.24	56363.3	-113.32	56132.92	56139.57031	56137.82697	56144.87891	504578.7	5407846.8
L4580.0	504578.7	5407846.6	1388.30005	250.24	83.27	48.823583	-86.937620	56246.86	56363.3	-113.31	56133.55	56140.18359	56137.98336	56144.95313	504578.7	5407846.6
L4580.0	504578.7	5407846.3	1388.40002	251.49	83.27	48.823581	-86.937620	56247.41	56363.3	-113.29	56134.12	56140.74219	56138.14478	56145.03516	504578.7	5407846.3
L4580.0	504578.7	5407846.1	1388.50000	252.01	82.45	48.823580	-86.937620	56247.09	56363.3	-113.27	56133.81	56140.41797	56138.36597	56145.17578	504578.7	5407846.1
L4580.0	504578.8	5407845.9	1388.59998	250.67	83.71	48.823578	-86.937620	56247.05	56363.3	-113.26	56133.79	56140.38281	56138.56898	56145.29688	504578.8	5407845.9
L4580.0	504578.8	5407845.9	1388.69995	250.67	83.71	48.823578	-86.937620	56246.77	56363.2	-113.24	56133.53	56140.10938	56138.78921	56145.43359	504578.8	5407845.9
L4580.0	504578.8	5407845.6	1388.80005	250.28	85.12	48.823575	-86.937619	56246.76	56363.2	-113.23	56133.53	56140.09766	56138.99336	56145.55859	504578.8	5407845.6
L4580.0	504578.8	5407845.5	1388.90002	252.16	85.12	48.823573	-86.937619	56247.38	56363.2	-113.21	56134.17	56140.72266	56139.15617	56145.64063	504578.8	5407845.5
L4580.0	504578.8	5407845.5	1389.00000	253.21	81.58	48.823573	-86.937619	56246.70	56363.2	-113.20	56133.50	56140.03906	56139.40769	56145.80859	504578.8	5407845.5
L4580.0	504578.8	5407845.3	1389.09998	251.70	84.84	48.823572	-86.937618	56245.23	56363.2	-113.19	56132.04	56138.56641	56139.71329	56146.03125	504578.8	5407845.3
L4580.1	504578.3	5408593.1	7144.50000	254.95	0	48.830299	-86.937617	56242.33	56256.6	-6.59	56235.74	56232.78125	56233.56179	56203.69922	504578.3	5408593.1
L4580.1	504578.3	5408593.1	7144.60010	254.94	0	48.830299	-86.937617	56242.36	56256.6	-6.59	56235.77	56232.82422	56233.38440	56203.64453	504578.3	5408593.1
L4580.1	504578.4	5408593.1	7144.70020	257.49	0	48.830299	-86.937616	56242.54	56256.6	-6.59	56235.95	56233.01953	56233.19610	56203.57813	504578.4	5408593.1
L4580.1	504578.4	5408593.0	7144.70020	257.49	0	48.830298	-86.937615	56242.23	56256.6	-6.59	56235.64	56232.72266	56233.03955	56203.54297	504578.4	5408593.0
L4580.1	504578.5	5408592.9	7144.89990	260.22	0	48.830297	-86.937615	56242.21	56256.6	-6.60	56235.61	56232.70703	56232.86338	56203.48828	504578.5	5408592.9
L4580.1	504578.5	5408592.9	7145.00000	260.94	0	48.830297	-86.937615	56241.92	56256.6	-6.60	56235.32	56232.42969	56232.70358	56203.44922	504578.5	5408592.9
L4580.1	504578.5	5408592.7	7145.10010	260.03	0	48.830296	-86.937614	56241.95	56256.6	-6.60	56235.35	56232.47266	56232.54862	56203.41797	504578.5	5408592.7
L4580.1	504578.6	5408592.6	7145.20020	259.82	0	48.830295	-86.937614	56241.83	56256.6	-6.60	56235.23	56232.36719	56232.40676	56203.39453	504578.6	5408592.6
L4580.1	504578.6	5408592.6	7145.29981	259.49	0	48.830295	-86.937614	56241.66	56256.6	-6.60	56235.07	56232.22266	56232.26434	56203.37500	504578.6	5408592.6
L4580.1	504578.6	5408592.4	7145.39990	258.66	0	48.830293	-86.937613	56241.73	56256.6	-6.60	56235.13	56232.29297	56232.11354	56203.34375	504578.6	5408592.4
L4580.1	504578.6	5408592.3	7145.50000	257.70	0	48.830292	-86.937613	56241.69	56256.6	-6.60	56235.10	56232.27734	56231.96513	56203.31641	504578.6	5408592.3
L4580.1	504578.6	5408592.3	7145.60010	257.13	0	48.830292	-86.937613	56241.60	56256.6	-6.59	56235.00	56232.19141	56231.81607	56203.28516	504578.6	5408592.3
L4580.1	504578.7	5408592.1	7145.70020	258.05	0	48.830290	-86.937613	56241.18	56256.6	-6.59	56234.59	56231.79688	56231.66445	56203.25391	504578.7	5408592.1
L4580.1	504578.7	5408592.0	7145.79981	258.26	0	48.830289	-86.937612	56241.17	56256.6	-6.59	56234.58	56231.79688	56231.50856	56203.21875	504578.7	5408592.0
L4580.1	504578.7	5408592.0	7145.89990	259.71	0	48.830289	-86.937612	56241.16	56256.6	-6.59	56234.57	56231.80078	56231.35095	56203.17969	504578.7	5408592.0
L4580.1	504578.7	5408591.7	7146.00000	261.43	0	48.830287	-86.937612	56241.16	56256.6	-6.59	56234.57	56231.81641	56231.19134	56203.13672	504578.7	5408591.7
L4580.1	504578.7	5408591.5	7146.10010	262.15	0	48.830285	-86.937612	56241.02	56256.6	-6.59	56234.43	56231.68750	56231.02647	56203.08984	504578.7	5408591.5
L4580.1	504578.7	5408591.5	7146.20020	262.86	0	48.830285	-86.937612	56240.77	56256.6	-6.59	56234.18	56231.45313	56230.85553	56203.03516	504578.7	5408591.5
L4580.1	504578.7	5408591.2	7146.29981	263.07	0	48.830282	-86.937612	56240.32	56256.6	-6.59	56233.73	56231.01563	56230.67550	56202.97266	504578.7	5408591.2
L4580.1	504578.7	5408590.9	7146.39990	263.14	0	48.830280	-86.937612	56239.76	56256.6	-6.59	56233.17	56230.46875	56230.48825	56202.90234	504578.7	5408590.9
L4580.1	504578.7	5408590.7	7146.50000	261.49	0	48.830277	-86.937612	56239.45	56256.6	-6.59	56232.86	56230.16797	56230.30458	56202.83203	504578.7	5408590.7
L4580.1	504578.7	5408590.7	7146.60010	259.44	0	48.830277	-86.937612	56239.06	56256.6	-6.59	56232.47	56229.79297	56230.11603	56202.75781	504578.7	5408590.7
L4580.1	504578.7	5408590.3	7146.70020	261.18	0	48.830274	-86.937612	56238.82	56256.6	-6.59	56232.23	56229.56641	56229.92975	56202.68359	504578.7	5408590.3
L4580.1	504578.7	5408590.3	7146.70020	261.18	0	48.830274	-86.937612	56238.58	56256.6	-6.59	56231.99	56229.33594	56229.74199	56202.60938	504578.7	5408590.3
L4580.1	504578.7	5408589.7	7146.89990	262.14	0	48.830269	-86.937612	56238.16	56256.6	-6.59	56231.57	56228.92969	56229.54758	56202.52734	504578.7	5408589.7
L4580.1	504578.7	5408589.7	7147.00000	262.26	0	48.830269	-86.937612	56237.99	56256.6	-6.59	56231.40	56228.76953	56229.35992	56202.44922	504578.7	5408589.7
L4580.1	504578.6	5408589.4	7147.10010	261.17	0	48.830266	-86.937613	56237.87	56256.6	-6.59	56231.28	56228.66406	56229.17312	56202.37109	504578.6	5408589.4
L4580.1	504578.6	5408589.4	7147.20020	260.56	0	48.830266	-86.937613	56237.76	56256.6	-6.59	56231.17	56228.56641	56228.98611	56202.29297	504578.6	5408589.4
L4580.1	504578.6	5408588.9	7147.29981	262.69	0	48.830262	-86.937614	56237.56	56256.6	-6.59	56230.97	56228.37500	56228.79553	56202.21094	504578.6	5408588.9
L4580.1	504578.6	5408588.9	7147.39990	263.30	0	48.830262	-86.937614	56237.64	56256.6	-6.59	56231.05	56228.46875	56228.61396	56202.13672	504578.6	5408588.9
L4580.1	504578.5	5408588.5	7147.50000	260.80	0	48.830258	-86.937614	56237.39	56256.6	-6.59	56230.81	56228.23828	56228.42101	56202.04688	504578.5	5408588.5
L4580.1	504578.5	5408588.1	7147.60010	259.36	0	48.830254	-86.937615	56237.34	56256.6	-6.59	56230.75	56228.19141	56228.23415	56201.96484	504578.5	5408588.1
L4580.1	504578.5	5408588.1	7147.70020	258.33	0	48.830254	-86.937615	56236.94	56256.6	-6.59	56230.35	56227.80078	56228.03367	56201.87109	504578.5	5408588.1
L4580.1	504578.4	5408587.6	7147.79981	259.54	0	48.830250	-86.937616	56236.88	56256.6	-6.59	56230.29	56227.75391	56227.84582	56201.78516	504578.4	5408587.6
L4580.1	504578.3	5408587.1	7147.89990	260.36	0	48.830245	-86.937617	56236.75	56256.6	-6.59	56230.16	56227.63281	56227.65468	56201.69531	504578.3	5408587.1
L4580.1	504578.2	5408586.6	7148.00000	259.74	0	48.830241	-86.937618	56236.77	56256.6	-6.59	56230.18	56227.66406	56227.46991	56201.60938	504578.2	5408586.6
L4580.1	504578.2	5408586.6	7148.10010	260.64	0	48.830241	-86.937618	56236.88	56256.6	-6.59	56230.28	56227.77344	56227.28909	56201.52734	504578.2	5408586.6
L4580.1	504578.2	5408586.0	7148.20020	264.18	0	48.830236	-86.937619	56236.70	56256.6	-6.60	56230.10	56227.60547	56227.09442	56201.42969	504578.2	5408586.0
L4580.1	504578.2	5408586.0	7148.29981	262.92	0	48.830236	-86.937619	56236.51	56256.6	-6.60	56229.91	56227.42578	56226.89820	56201.32813	504578.2	5408586.0
L4580.1	504578.1	5408585.5	7148.39990	262.17	0	48.830231	-86.937620	56236.39	56256.6	-6.60	56229.79	56227.31641	56226.70469	56201.23047	504578.1	5408585.5
L4580.1	504578.0	5408584.9	7148.50000	262.92	0	48.830226	-86.937621	56235.96	56256.6	-6.60	56229.35	56226.88281	56226.49161	56201.10938	504578.0	5408584.9
L4580.1	504578.0	5408584.4	7148.60010	264.29	0	48.830221	-86.937622	56235.67	56256.6	-6.61	56229.06	56226.60547	56226.28496	56200.99609	504578.0	5408584.4
L4580.1	504578.0	5408584.4	7148.70020	264.59	0	48.830221	-86.937622	56235.24	56256.6	-6.61	56228.63	56226.18359	56226.06756	56200.86719	504578.0	5408584.4
L4580.1	504577.9	5408583.6	7148.70020	264.59	0	48.830213	-86.937623	56234.76	56256.6	-6.61	56228.15	56225.71094	56225.84430	56200.73438	504577.9	5408583.6
L4580.1	504577.9	5408583.6	7148.89990	263.35	0	48.830213	-86.937623	56234.52	56256.6	-6.62	56227.91	56225.48047	56225.63395	56200.60938	504577.9	5408583.6
L4580.1	504577.8	5408583.0	7149.00000	263.38	0	48.830208	-86.937624	56234.27	56256.6	-6.62	56227.65	56225.23047	56225.42015	56200.48438	504577.8	5408583.0
L4580.1	504577.8	5408582.4	7149.10010	262.48	0	48.830203	-86.937624	56233.83	56256.6	-6.62	56227.21	56224.80078	56225.19201	56200.33984	504577.8	5408582.4
L4580.1	504577.8	5408582.4	7149.20020	261.50	0	48.830203	-86.937624	56233.56	56256.6	-6.62	56226.94	56224.53906	56224.97295	56200.20313	504577.8	5408582.4
L4580.1	504577.8	5408581.6	7149.29981	261.47	0	48.830195	-86.937625	56233.61	56256.6	-6.61	56226.99	56224.59766	56224.77309	56200.08594	504577.8	5408581.6
L4580.1	504577.7	5408581.1	7149.39990	261.52	0	48.830191	-86.937625	56233.43	56256.6	-6.61	56226.82	56224.43750	56224.55609	56199.94922	504577.7	5408581.1
L4580.1	504577.7	5408580.4	7149.50000	262.30	0	48.830185	-86.937625	56232.91	56256.6	-6.61	56226.30	56223.92578	56224.31413	56199.78516	504577.7	5408580.4
L4580.1	504577.7	5408580.4	7149.60010	261.84	0	48.830185	-86.937625	56232.53	56256.6	-6.61	56225.92	56223.55078	56224.07985	56199.62891	504577.7	5408580.4
L4580.1	504577.7	5408579.6	7149.70020	262.49	0	48.830178	-86.937625	56232.21	56256.6	-6.61	56225.61	56223.25000	56223.84843	56199.47266	504577.7	5408579.6
L4580.1	504577.7	5408579.6	7149.79981	263.09	0	48.830178	-86.937625	56232.36	56256.6	-6.60	56225.75	56223.39844	56223.64181	56199.33984	504577.7	5408579.6
L4580.1	504577.8	5408578.2	7149.89990	263.74	0	48.830165	-86.937625	56232.43	56256.6	-6.60	56225.82	56223.47656	56223.42782	56199.19531	504577.8	5408578.2
L4580.1	504577.8	5408578.2	7150.00000	262.59	0	48.830165	-86.937625	56232.34	56256.6	-6.60	56225.74	56223.40234	56223.20289	56199.04297	504577.8	5408578.2
L4580.1	504577.8	5408577.3	7150.10010	263.44	0	48.830157	-86.937624	56232.10	56256.6	-6.60	56225.50	56223.17188	56222.96806	56198.87500	504577.8	5408577.3
L4580.1	504577.8	5408577.3	7150.20020	261.55	0	48.830157	-86.937624	56231.56	56256.6	-6.60	56224.96	56222.64063	56222.71850	56198.69141	504577.8	5408577.3
L4580.1	504577.9	5408576.6	7150.29981	260.31	0	48.830150	-86.937624	56231.26	56256.6	-6.60	56224.66	56222.34766	56222.48027	56198.51953	504577.9	5408576.6
L4580.1	504577.9	5408575.7	7150.39990	262.02	0	48.830143	-86.937623	56230.46	56256.6	-6.60	56223.86	56221.55469	56222.22126	56198.32422	504577.9	5408575.7
L4580.1	504577.9	5408575.7	7150.50000	261.12	0	48.830143	-86.937623	56230.55	56256.6	-6.60	56223.95	56221.65234	56221.99834	56198.16406	504577.9	5408575.7
L4580.1	504578.0	5408575.0	7150.60010	260.72	0	48.830136	-86.937622	56230.16	56256.6	-6.60	56223.56	56221.26953	56221.75595	56197.98047	504578.0	5408575.0
L4580.1	504578.0	5408574.1	7150.70020	262.07	0	48.830128	-86.937621	56229.71	56256.6	-6.60	56223.11	56220.82422	56221.51156	56197.79688	504578.0	5408574.1
L4580.1	504578.0	5408574.1	7150.70020	262.07	0	48.830128	-86.937621	56229.12	56256.6	-6.60	56222.52	56220.24219	56221.26318	56197.60547	504578.0	5408574.1
L4580.1	504578.1	5408573.2	7150.89990	261.08	0	48.830120	-86.937621	56228.84	56256.6	-6.60	56222.24	56219.96875	56221.02430	56197.42188	504578.1	5408573.2
L4580.1	504578.1	5408572.5	7151.00000	260.49	0	48.830113	-86.937620	56228.35	56256.6	-6.60	56221.75	56219.48438	56220.77954	56197.23047	504578.1	5408572.5
L4580.1	504578.1	5408572.5	7151.10010	260.56	0	48.830113	-86.937620	56227.69	56256.6	-6.60	56221.09	56218.83203	56220.53146	56197.03125	504578.1	5408572.5
L4580.1	504578.2	5408571.7	7151.20020	261.58	0	48.830106	-86.937619	56227.50	56256.6	-6.60	56220.90	56218.64844	56220.29409	56196.84375	504578.2	5408571.7
L4580.1	504578.2	5408570.7	7151.29981	262.02	0	48.830098	-86.937619	56227.18	56256.6	-6.60	56220.58	56218.33594	56220.05348	56196.65234	504578.2	5408570.7
L4580.1	504578.3	5408569.9	7151.39990	262.00	0	48.830090	-86.937618	56227.17	56256.6	-6.60	56220.57	56218.33203	56219.81723	56196.46094	504578.3	5408569.9
L4580.1	504578.3	5408569.9	7151.50000	259.66	0	48.830090	-86.937618	56226.82	56256.6	-6.60	56220.22	56217.99219	56219.57493	56196.26563	504578.3	5408569.9
L4580.1	504578.3	5408568.8	7151.60010	260.26	0	48.830080	-86.937617	56226.51	56256.6	-6.61	56219.90	56217.67578	56219.33285	56196.06641	504578.3	5408568.8
L4580.1	504578.4	5408567.6	7151.70020	261.63	0	48.830070	-86.937617	56226.03	56256.6	-6.61	56219.42	56217.20313	56219.08919	56195.86328	504578.4	5408567.6
L4580.1	504578.4	5408566.9	7151.79981	262.09	0	48.830063	-86.937617	56225.88	56256.6	-6.61	56219.27	56217.06250	56218.84811	56195.66016	504578.4	5408566.9
L4580.1	504578.4	5408566.9	7151.89990	259.45	0	48.830063	-86.937617	56225.41	56256.6	-6.61	56218.81	56216.60547	56218.60471	56195.45703	504578.4	5408566.9

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4580.1	504578.4	5408566.0	7152.00000	259.96	0	48.830056	-86.937616	56224.82	56256.6	-6.61	56218.21	56216.01563	56218.36102	56195.24609	504578.4	5408566.0
L4580.1	504578.4	5408565.0	7152.10010	260.19	0	48.830046	-86.937616	56224.63	56256.6	-6.61	56218.02	56215.83203	56218.11869	56195.03906	504578.4	5408565.0
L4580.1	504578.4	5408565.0	7152.20020	260.52	0	48.830046	-86.937616	56223.93	56256.6	-6.61	56217.32	56215.13672	56217.87497	56194.82813	504578.4	5408565.0
L4580.1	504578.5	5408563.8	7152.29981	259.19	0	48.830036	-86.937616	56223.76	56256.6	-6.61	56217.15	56214.97656	56217.63189	56194.61719	504578.5	5408563.8
L4580.1	504578.5	5408562.6	7152.39990	259.71	0	48.830025	-86.937615	56223.02	56256.6	-6.61	56216.40	56214.23047	56217.38772	56194.40234	504578.5	5408562.6
L4580.1	504578.5	5408562.6	7152.50000	257.94	0	48.830025	-86.937615	56222.98	56256.6	-6.62	56216.37	56214.20703	56217.14377	56194.18750	504578.5	5408562.6
L4580.1	504578.5	5408561.5	7152.60010	258.63	0	48.830015	-86.937615	56222.38	56256.6	-6.62	56215.76	56213.60547	56216.89865	56193.96875	504578.5	5408561.5
L4580.1	504578.5	5408561.5	7152.70020	259.68	0	48.830015	-86.937615	56222.14	56256.6	-6.62	56215.52	56213.37109	56216.65345	56193.74609	504578.5	5408561.5
L4580.1	504578.5	5408560.5	7152.70020	259.68	0	48.830006	-86.937615	56221.59	56256.6	-6.62	56214.97	56212.82813	56216.40705	56193.52344	504578.5	5408560.5
L4580.1	504578.6	5408559.2	7152.89990	259.19	0	48.829994	-86.937614	56221.22	56256.6	-6.62	56214.60	56212.46875	56216.16040	56193.29688	504578.6	5408559.2
L4580.1	504578.6	5408559.2	7153.00000	259.70	0	48.829994	-86.937614	56221.05	56256.6	-6.62	56214.43	56212.30469	56215.91409	56193.07031	504578.6	5408559.2
L4580.1	504578.6	5408558.0	7153.10010	261.25	0	48.829984	-86.937614	56220.40	56256.6	-6.62	56213.78	56211.66016	56215.66476	56192.83984	504578.6	5408558.0
L4580.1	504578.6	5408556.9	7153.20020	260.93	0	48.829974	-86.937613	56220.13	56256.6	-6.62	56213.51	56211.39844	56215.41683	56192.60938	504578.6	5408556.9
L4580.1	504578.6	5408556.9	7153.29981	260.63	0	48.829974	-86.937613	56219.46	56256.6	-6.62	56212.83	56210.72656	56215.16478	56192.37500	504578.6	5408556.9
L4580.1	504578.6	5408555.7	7153.39990	262.41	0	48.829963	-86.937613	56219.39	56256.6	-6.62	56212.77	56210.67578	56214.91778	56192.14063	504578.6	5408555.7
L4580.1	504578.6	5408555.7	7153.50000	264.15	0	48.829963	-86.937613	56218.98	56256.6	-6.63	56212.36	56210.27344	56214.66688	56191.90234	504578.6	5408555.7
L4580.1	504578.7	5408553.5	7153.60010	263.51	0	48.829943	-86.937613	56218.77	56256.6	-6.63	56212.15	56210.07031	56214.41838	56191.66797	504578.7	5408553.5
L4580.1	504578.7	5408553.5	7153.70020	262.04	0	48.829943	-86.937613	56217.97	56256.6	-6.63	56211.34	56209.26953	56214.16016	56191.41797	504578.7	5408553.5
L4580.1	504578.7	5408552.4	7153.79981	259.78	0	48.829933	-86.937612	56217.84	56256.6	-6.63	56211.21	56209.14844	56213.91298	56191.17969	504578.7	5408552.4
L4580.1	504578.7	5408552.4	7153.89990	259.64	0	48.829933	-86.937612	56217.61	56256.6	-6.63	56210.98	56208.92578	56213.66488	56190.94141	504578.7	5408552.4
L4580.1	504578.7	5408551.3	7154.00000	259.98	0	48.829923	-86.937612	56217.02	56256.6	-6.63	56210.39	56208.34375	56213.40975	56190.69141	504578.7	5408551.3
L4580.1	504578.7	5408550.2	7154.10010	259.19	0	48.829913	-86.937612	56216.89	56256.6	-6.63	56210.26	56208.22266	56213.16557	56190.45313	504578.7	5408550.2
L4580.1	504578.7	5408549.0	7154.20020	259.36	0	48.829902	-86.937612	56216.42	56256.6	-6.63	56209.79	56207.76172	56212.91455	56190.20703	504578.7	5408549.0
L4580.1	504578.7	5408549.0	7154.29981	260.03	0	48.829902	-86.937612	56216.06	56256.6	-6.63	56209.42	56207.40234	56212.66690	56189.96484	504578.7	5408549.0
L4580.1	504578.7	5408548.0	7154.39990	262.25	0	48.829893	-86.937612	56215.62	56256.6	-6.63	56208.99	56206.98047	56212.41886	56189.71875	504578.7	5408548.0
L4580.1	504578.7	5408546.9	7154.50000	261.43	0	48.829884	-86.937613	56215.33	56256.6	-6.63	56208.69	56206.69141	56212.17545	56189.47656	504578.7	5408546.9
L4580.1	504578.7	5408545.7	7154.60010	261.65	0	48.829873	-86.937613	56214.59	56256.6	-6.64	56207.96	56205.97266	56211.92188	56189.22266	504578.7	5408545.7
L4580.1	504578.7	5408545.7	7154.70020	262.44	0	48.829873	-86.937613	56214.36	56256.6	-6.64	56207.73	56205.75000	56211.68292	56188.98438	504578.7	5408545.7
L4580.1	504578.7	5408544.6	7154.70020	262.44	0	48.829863	-86.937613	56214.29	56256.6	-6.64	56207.65	56205.67969	56211.44912	56188.75000	504578.7	5408544.6
L4580.1	504578.7	5408544.6	7154.89990	262.99	0	48.829863	-86.937613	56213.81	56256.6	-6.64	56207.17	56205.21094	56211.20569	56188.50391	504578.7	5408544.6
L4580.1	504578.7	5408543.2	7155.00000	261.11	0	48.829850	-86.937613	56213.34	56256.6	-6.64	56206.70	56204.75000	56210.96317	56188.25781	504578.7	5408543.2
L4580.1	504578.7	5408541.8	7155.10010	261.13	0	48.829838	-86.937613	56212.96	56256.6	-6.64	56206.33	56204.39453	56210.72373	56188.01563	504578.7	5408541.8
L4580.1	504578.7	5408541.8	7155.20020	259.55	0	48.829838	-86.937613	56212.80	56256.6	-6.64	56206.17	56204.24219	56210.49030	56187.78125	504578.7	5408541.8
L4580.1	504578.7	5408540.3	7155.29981	260.07	0	48.829824	-86.937613	56212.28	56256.6	-6.63	56205.64	56203.72656	56210.24743	56187.53125	504578.7	5408540.3
L4580.1	504578.7	5408539.0	7155.39990	261.12	0	48.829812	-86.937613	56211.89	56256.6	-6.63	56205.26	56203.35547	56210.00873	56187.28906	504578.7	5408539.0
L4580.1	504578.7	5408539.0	7155.50000	260.65	0	48.829812	-86.937613	56211.64	56256.6	-6.63	56205.01	56203.11719	56209.77379	56187.04688	504578.7	5408539.0
L4580.1	504578.7	5408537.6	7155.60010	261.09	0	48.829800	-86.937613	56211.33	56256.6	-6.63	56204.70	56202.82031	56209.53758	56186.80469	504578.7	5408537.6
L4580.1	504578.7	5408536.3	7155.70020	260.13	0	48.829788	-86.937613	56210.84	56256.6	-6.63	56204.21	56202.34375	56209.29677	56186.55859	504578.7	5408536.3
L4580.1	504578.7	5408536.3	7155.79981	262.39	0	48.829788	-86.937613	56210.31	56256.6	-6.62	56203.69	56201.83594	56209.05568	56186.31250	504578.7	5408536.3
L4580.1	504578.7	5408535.0	7155.89990	261.54	0	48.829776	-86.937613	56210.21	56256.6	-6.62	56203.58	56201.73828	56208.82763	56186.07422	504578.7	5408535.0
L4580.1	504578.7	5408533.6	7156.00000	260.22	0	48.829764	-86.937613	56209.92	56256.6	-6.62	56203.30	56201.46875	56208.59582	56185.83594	504578.7	5408533.6
L4580.1	504578.7	5408533.6	7156.10010	258.91	0	48.829764	-86.937613	56209.66	56256.6	-6.62	56203.04	56201.22266	56208.36608	56185.59766	504578.7	5408533.6
L4580.1	504578.7	5408532.7	7156.20020	259.66	0	48.829756	-86.937613	56209.45	56256.6	-6.62	56202.82	56201.01563	56208.13929	56185.36328	504578.7	5408532.7
L4580.1	504578.7	5408531.5	7156.29981	259.33	0	48.829745	-86.937613	56209.13	56256.6	-6.62	56202.51	56200.71875	56207.91134	56185.12891	504578.7	5408531.5
L4580.1	504578.7	5408531.5	7156.39990	261.42	0	48.829745	-86.937613	56208.63	56256.6	-6.62	56202.00	56200.22266	56207.67840	56184.88672	504578.7	5408531.5
L4580.1	504578.7	5408530.3	7156.50000	264.13	0	48.829734	-86.937613	56208.21	56256.6	-6.62	56201.59	56199.82813	56207.45045	56184.65234	504578.7	5408530.3
L4580.1	504578.7	5408528.9	7156.60010	265.06	0	48.829722	-86.937613	56208.16	56256.6	-6.62	56201.54	56199.79297	56207.23657	56184.42969	504578.7	5408528.9
L4580.1	504578.7	5408527.7	7156.70020	266.56	0	48.829710	-86.937613	56207.93	56256.6	-6.62	56201.31	56199.57813	56207.01913	56184.20313	504578.7	5408527.7
L4580.1	504578.7	5408527.7	7156.70020	266.56	0	48.829710	-86.937613	56207.63	56256.6	-6.62	56201.01	56199.29297	56206.80195	56183.97656	504578.7	5408527.7
L4580.1	504578.7	5408526.5	7156.89990	262.94	0	48.829700	-86.937613	56207.14	56256.6	-6.62	56200.52	56198.81641	56206.58151	56183.75000	504578.7	5408526.5
L4580.1	504578.7	5408525.0	7157.00000	262.34	0	48.829687	-86.937613	56207.10	56256.6	-6.62	56200.48	56198.79297	56206.37887	56183.53906	504578.7	5408525.0
L4580.1	504578.7	5408525.0	7157.10010	261.84	0	48.829687	-86.937613	56206.86	56256.6	-6.62	56200.24	56198.57031	56206.17310	56183.32422	504578.7	5408525.0
L4580.1	504578.7	5408523.7	7157.20020	260.43	0	48.829675	-86.937613	56206.66	56256.6	-6.62	56200.03	56198.37500	56205.97168	56183.11328	504578.7	5408523.7
L4580.1	504578.7	5408522.4	7157.29981	257.82	0	48.829663	-86.937613	56206.38	56256.6	-6.62	56199.76	56198.12109	56205.77176	56182.90625	504578.7	5408522.4
L4580.1	504578.7	5408520.9	7157.39990	258.59	0	48.829649	-86.937612	56206.07	56256.6	-6.62	56199.44	56197.81641	56205.57403	56182.70313	504578.7	5408520.9
L4580.1	504578.7	5408520.9	7157.50000	259.04	0	48.829649	-86.937612	56205.96	56256.6	-6.63	56199.34	56197.73438	56205.38499	56182.50781	504578.7	5408520.9
L4580.1	504578.7	5408519.6	7157.60010	258.90	0	48.829638	-86.937612	56205.82	56256.6	-6.63	56199.19	56197.60156	56205.19730	56182.31250	504578.7	5408519.6
L4580.1	504578.7	5408518.4	7157.70020	260.81	0	48.829627	-86.937612	56205.74	56256.6	-6.63	56199.11	56197.53906	56205.01308	56182.12109	504578.7	5408518.4
L4580.1	504578.7	5408518.4	7157.79981	259.08	0	48.829627	-86.937612	56205.36	56256.6	-6.63	56198.73	56197.17578	56204.82611	56181.92969	504578.7	5408518.4
L4580.1	504578.7	5408517.1	7157.89990	259.48	0	48.829616	-86.937612	56205.16	56256.6	-6.63	56198.53	56196.99219	56204.64441	56181.74219	504578.7	5408517.1
L4580.1	504578.7	5408515.6	7158.00000	261.29	0	48.829602	-86.937612	56204.76	56256.6	-6.63	56198.13	56196.60938	56204.46265	56181.55469	504578.7	5408515.6
L4580.1	504578.7	5408514.4	7158.10010	261.55	0	48.829592	-86.937612	56204.80	56256.6	-6.63	56198.17	56196.66797	56204.28611	56181.37500	504578.7	5408514.4
L4580.1	504578.7	5408514.4	7158.20020	261.17	0	48.829592	-86.937612	56204.66	56256.6	-6.63	56198.03	56196.54688	56204.10916	56181.19141	504578.7	5408514.4
L4580.1	504578.7	5408512.7	7158.29981	259.90	0	48.829576	-86.937612	56204.34	56256.6	-6.63	56197.71	56196.24609	56203.93330	56181.01563	504578.7	5408512.7
L4580.1	504578.8	5408511.6	7158.39990	259.07	0	48.829566	-86.937612	56204.20	56256.6	-6.63	56197.57	56196.12500	56203.75856	56180.83594	504578.8	5408511.6
L4580.1	504578.8	5408511.6	7158.50000	259.03	0	48.829566	-86.937612	56204.16	56256.6	-6.63	56197.53	56196.10547	56203.58364	56180.66016	504578.8	5408511.6
L4580.1	504578.8	5408510.3	7158.60010	259.93	0	48.829554	-86.937612	56203.90	56256.6	-6.63	56197.27	56195.86328	56203.41066	56180.48438	504578.8	5408510.3
L4580.1	504578.8	5408508.9	7158.70020	259.52	0	48.829542	-86.937612	56203.74	56256.6	-6.63	56197.11	56195.72266	56203.23760	56180.30859	504578.8	5408508.9
L4580.1	504578.8	5408508.9	7158.70020	259.52	0	48.829542	-86.937612	56203.78	56256.6	-6.63	56197.15	56195.78125	56203.06222	56180.13281	504578.8	5408508.9
L4580.1	504578.8	5408507.3	7158.89990	258.92	0	48.829527	-86.937612	56203.77	56256.6	-6.63	56197.14	56195.79297	56202.88737	56179.95703	504578.8	5408507.3
L4580.1	504578.8	5408505.8	7159.00000	260.86	0	48.829514	-86.937612	56203.59	56256.6	-6.63	56196.96	56195.63281	56202.71623	56179.78906	504578.8	5408505.8
L4580.1	504578.8	5408505.8	7159.10010	259.88	0	48.829514	-86.937612	56203.34	56256.6	-6.63	56196.71	56195.40234	56202.54811	56179.62109	504578.8	5408505.8
L4580.1	504578.8	5408504.4	7159.20020	258.18	0	48.829502	-86.937612	56203.21	56256.6	-6.63	56196.59	56195.30469	56202.37871	56179.45313	504578.8	5408504.4
L4580.1	504578.8	5408503.2	7159.29981	256.75	0	48.829490	-86.937612	56202.89	56256.6	-6.62	56196.27	56195.00391	56202.21579	56179.29297	504578.8	5408503.2
L4580.1	504578.8	5408503.2	7159.39990	257.57	0	48.829490	-86.937612	56203.04	56256.6	-6.62	56196.42	56195.17578	56202.03986	56179.12109	504578.8	5408503.2
L4580.1	504578.8	5408501.3	7159.50000	260.14	0	48.829473	-86.937612	56203.01	56256.6	-6.62	56196.39	56195.16406	56201.86823	56178.95313	504578.8	5408501.3
L4580.1	504578.8	5408500.2	7159.60010	258.39	0	48.829464	-86.937612	56202.98	56256.6	-6.62	56196.36	56195.15625	56201.69605	56178.78516	504578.8	5408500.2
L4580.1	504578.8	5408499.0	7159.70020	258.39	0	48.829453	-86.937612	56202.60	56256.6	-6.62	56195.99	56194.80859	56201.53557	56178.62891	504578.8	5408499.0
L4580.1	504578.8	5408497.7	7159.79981	258.00	0	48.829441	-86.937612	56202.83	56256.6	-6.61	56196.21	56195.05078	56201.35283	56178.45313	504578.8	5408497.7
L4580.1	504578.8	5408497.7	7159.79981	256.64	0	48.829441	-86.937612	56202.75	56256.6	-6.61	56196.14	56195.00000	56201.18005	56178.28906	504578.8	5408497.7
L4580.1	504578.8	5408496.5	7160.00000	259.56	0	48.829430	-86.937612	56202.83	56256.6	-6.61	56196.22	56195.10547	56201.00054	56178.11719	504578.8	5408496.5
L4580.1	504578.8	5408495.2	7160.10010	258.06	0	48.829419	-86.937612	56202.52	56256.6	-6.61	56195.91	56194.81641	56200.83652	56177.96094	504578.8	5408495.2
L4580.1	504578.8	5408495.2	7160.20020	258.25	0	48.829419	-86.937612	56202.50	56256.6	-6.61	56195.89	56194.81641	56200.66020	56177.79297	504578.8	5408495.2
L4580.1	504578.8	5408493.7	7160.20020	258.25	0	48.829405	-86.937612	56202.55	56256.6	-6.61	56195.94	56194.89063	56200.48063	56177.62500	504578.8	5408493.7
L4580.1	504578.8	5408492.2	7160.39990	255.30	0	48.829392	-86.937612	56202.50	56256.6	-6.61	56195.89	56194.86328	56200.30531	56177.46094	504578.8	5408492.2
L4580.1	504578.8	5408490.7	7160.50000	258.47	0	48.829378	-86.937612	56202.60	56256.6	-6.61	56195.99	56194.98438	56200.12389	56177.28906	504578.8	5408490.7
L4580.1	504578.8	5408490.7	7160.60010	258.18	0	48.829378	-86.937612	56202.38	56256.6	-6.61	56195.77	56194.78906	56199.95683	56177.13672	504578.8	5408490.7
L4580.1	504578.8	5408490.7	7160.70020	255.80	0	48.829378	-86.937612	56202.50	56256.6	-6.61	56195.89	56194.93359	56199.77585	56176.96875	504578.8	5408490.7
L4580.1	504578.8	5408488.8	7160.70020	255.80	0	48.829361	-86.937612	56202.42	56256.6	-6.61	56195.81	56194.87500	56199.60450	56176.80859	504578.8	5408488.8
L4580.1	504578.8	5408487.4	7160.89990	257.09	0	48.829348	-86.937612	56202.42	56256.6	-6.61	56195.81	56194.89844	56199.43082	56176.65234	504578.8	5408487.4
L4580.1	504578.8	5408485.9	7161.00000	259.96	0	48.829335	-86.937612	56202.17	56256.6	-6.61	56195.56	56194.67188	56199.26981	56176.50391	504578.8	5408485.9
L4580.1	504578.8	5408485.9	7161.10010	261.02	0	48.829335	-86.937612	56202.36	56256.6	-6.61	56195.75	56194.88672	56199.09014	56176.33984	504578.8	5408485.9
L4580.1	504578.8	5408484.3	7161.20020	261.65	0	48.829320	-86.937612	56202.35	56256.6	-6.62	56195.73	56194.89063	56198.92114	56176.19141	504578.8	5408484.3

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4580.1	504578.8	5408482.8	7161.29981	262.89	0	48.829307	-86.937612	56202.42	56256.6	-6.62	56195.80	56194.98438	56198.74853	56176.03516	504578.8	5408482.8
L4580.1	504578.8	5408482.8	7161.39990	261.17	0	48.829307	-86.937612	56202.45	56256.6	-6.62	56195.82	56195.02734	56198.57861	56175.88281	504578.8	5408482.8
L4580.1	504578.8	5408481.3	7161.50000	259.42	0	48.829293	-86.937612	56202.50	56256.6	-6.63	56195.87	56195.10156	56198.40678	56175.73047	504578.8	5408481.3
L4580.1	504578.8	5408480.1	7161.60010	258.12	0	48.829282	-86.937612	56202.63	56256.6	-6.63	56196.00	56195.25391	56198.22938	56175.57422	504578.8	5408480.1
L4580.1	504578.8	5408480.1	7161.70020	258.49	0	48.829282	-86.937612	56202.41	56256.6	-6.63	56195.78	56195.05859	56198.07210	56175.43750	504578.8	5408480.1
L4580.1	504578.8	5408478.8	7161.79981	258.65	0	48.829271	-86.937612	56202.42	56256.6	-6.63	56195.79	56195.09375	56197.89986	56175.28516	504578.8	5408478.8
L4580.1	504578.8	5408478.8	7161.89990	258.51	0	48.829271	-86.937612	56202.32	56256.6	-6.64	56195.68	56195.00781	56197.73059	56175.13672	504578.8	5408478.8
L4580.1	504578.8	5408477.1	7162.00000	257.38	0	48.829255	-86.937611	56202.50	56256.6	-6.64	56195.86	56195.21094	56197.53947	56174.96875	504578.8	5408477.1
L4580.1	504578.8	5408475.9	7162.10010	255.96	0	48.829245	-86.937611	56202.55	56256.6	-6.64	56195.91	56195.28516	56197.35661	56174.80859	504578.8	5408475.9
L4580.1	504578.9	5408474.8	7162.20020	255.65	0	48.829235	-86.937611	56202.75	56256.6	-6.63	56196.12	56195.51953	56197.16261	56174.63672	504578.9	5408474.8
L4580.1	504578.9	5408473.7	7162.29981	256.85	0	48.829225	-86.937611	56202.75	56256.6	-6.63	56196.12	56195.54297	56196.98205	56174.48047	504578.9	5408473.7
L4580.1	504578.9	5408472.2	7162.39990	256.02	0	48.829211	-86.937611	56202.83	56256.6	-6.63	56196.20	56195.64844	56196.79552	56174.32031	504578.9	5408472.2
L4580.1	504578.9	5408472.2	7162.50000	255.72	0	48.829211	-86.937611	56202.90	56256.6	-6.63	56196.28	56195.75391	56196.60827	56174.15625	504578.9	5408472.2
L4580.1	504578.9	5408471.1	7162.60010	254.34	0	48.829201	-86.937611	56202.93	56256.6	-6.62	56196.31	56195.80859	56196.42355	56174.00000	504578.9	5408471.1
L4580.1	504578.9	5408469.4	7162.70020	253.74	0	48.829187	-86.937611	56203.06	56256.6	-6.62	56196.44	56195.96094	56196.23128	56173.83203	504578.9	5408469.4
L4580.1	504578.9	5408469.4	7162.70020	253.74	0	48.829187	-86.937611	56202.90	56256.6	-6.62	56196.28	56195.82813	56196.05739	56173.68359	504578.9	5408469.4
L4580.1	504578.9	5408468.1	7162.89990	255.08	0	48.829175	-86.937611	56203.01	56256.6	-6.61	56196.40	56195.97266	56195.86378	56173.51953	504578.9	5408468.1
L4580.1	504578.9	5408466.4	7163.00000	254.29	0	48.829159	-86.937611	56202.90	56256.6	-6.61	56196.29	56195.88672	56195.68441	56173.36719	504578.9	5408466.4
L4580.1	504578.9	5408465.2	7163.10010	256.43	0	48.829149	-86.937610	56202.98	56256.6	-6.61	56196.36	56195.98047	56195.49556	56173.20703	504578.9	5408465.2
L4580.1	504578.9	5408465.2	7163.20020	258.39	0	48.829149	-86.937610	56202.98	56256.6	-6.61	56196.36	56196.00391	56195.31231	56173.05078	504578.9	5408465.2
L4580.1	504578.9	5408463.2	7163.29981	257.76	0	48.829131	-86.937610	56203.16	56256.6	-6.62	56196.54	56196.21094	56195.12094	56172.88672	504578.9	5408463.2
L4580.1	504578.9	5408461.9	7163.39990	257.40	0	48.829119	-86.937610	56203.16	56256.6	-6.62	56196.54	56196.23438	56194.94105	56172.73828	504578.9	5408461.9
L4580.1	504578.9	5408461.9	7163.50000	260.14	0	48.829119	-86.937610	56203.01	56256.6	-6.62	56196.39	56196.10938	56194.76813	56172.59375	504578.9	5408461.9
L4580.1	504578.9	5408460.3	7163.60010	260.34	0	48.829104	-86.937610	56203.08	56256.6	-6.62	56196.46	56196.20313	56194.58719	56172.44141	504578.9	5408460.3
L4580.1	504579.0	5408458.9	7163.70020	262.48	0	48.829091	-86.937610	56203.01	56256.6	-6.62	56196.38	56196.14844	56194.41168	56172.29688	504579.0	5408458.9
L4580.1	504579.0	5408457.2	7163.79981	262.04	0	48.829077	-86.937610	56203.04	56256.6	-6.63	56196.41	56196.20313	56194.23333	56172.14844	504579.0	5408457.2
L4580.1	504579.0	5408457.2	7163.89990	260.95	0	48.829077	-86.937610	56202.98	56256.6	-6.63	56196.35	56196.16797	56194.05628	56172.00000	504579.0	5408457.2
L4580.1	504579.0	5408455.3	7164.00000	260.62	0	48.829060	-86.937610	56203.26	56256.6	-6.63	56196.63	56196.46875	56193.87483	56171.85156	504579.0	5408455.3
L4580.1	504579.0	5408454.0	7164.10010	260.57	0	48.829048	-86.937609	56203.16	56256.6	-6.63	56196.53	56196.39453	56193.69563	56171.70313	504579.0	5408454.0
L4580.1	504579.0	5408454.0	7164.20020	260.90	0	48.829048	-86.937609	56203.01	56256.6	-6.63	56196.38	56196.26953	56193.51303	56171.55078	504579.0	5408454.0
L4580.1	504579.0	5408452.5	7164.29981	259.75	0	48.829035	-86.937609	56202.98	56256.6	-6.63	56196.35	56196.26172	56193.32668	56171.39453	504579.0	5408452.5
L4580.1	504579.0	5408451.2	7164.39990	258.48	0	48.829022	-86.937609	56202.98	56256.6	-6.63	56196.35	56196.28906	56193.13688	56171.23438	504579.0	5408451.2
L4580.1	504579.0	5408451.2	7164.50000	258.08	0	48.829022	-86.937609	56202.83	56256.6	-6.63	56196.20	56196.16016	56192.94216	56171.07422	504579.0	5408451.2
L4580.1	504579.0	5408449.6	7164.60010	261.52	0	48.829008	-86.937609	56202.98	56256.6	-6.63	56196.35	56196.33594	56192.74544	56170.90625	504579.0	5408449.6
L4580.1	504579.1	5408447.9	7164.70020	260.73	0	48.828993	-86.937609	56203.08	56256.6	-6.63	56196.45	56196.46094	56192.54404	56170.73438	504579.1	5408447.9
L4580.1	504579.1	5408447.9	7164.70020	260.73	0	48.828993	-86.937609	56202.88	56256.6	-6.63	56196.25	56196.28516	56192.33583	56170.55859	504579.1	5408447.9
L4580.1	504579.1	5408445.0	7164.89990	259.60	0	48.828967	-86.937609	56202.93	56256.6	-6.63	56196.30	56196.35938	56192.12500	56170.37891	504579.1	5408445.0
L4580.1	504579.1	5408445.0	7165.00000	260.45	0	48.828967	-86.937609	56202.65	56256.6	-6.63	56196.02	56196.10156	56191.90781	56170.19141	504579.1	5408445.0
L4580.1	504579.1	5408443.4	7165.10010	261.76	0	48.828952	-86.937608	56202.68	56256.6	-6.63	56196.05	56196.15625	56191.68836	56170.00000	504579.1	5408443.4
L4580.1	504579.1	5408443.4	7165.20020	262.74	0	48.828952	-86.937608	56202.55	56256.6	-6.63	56195.92	56196.05078	56191.46443	56169.80859	504579.1	5408443.4
L4580.1	504579.1	5408441.5	7165.29981	259.17	0	48.828935	-86.937608	56202.52	56256.6	-6.63	56195.89	56196.04297	56191.23733	56169.60938	504579.1	5408441.5
L4580.1	504579.1	5408441.5	7165.39990	259.18	0	48.828935	-86.937608	56202.47	56256.6	-6.63	56195.84	56196.01563	56191.00666	56169.40625	504579.1	5408441.5
L4580.1	504579.1	5408439.5	7165.50000	259.61	0	48.828917	-86.937608	56202.18	56256.6	-6.63	56195.55	56195.75000	56190.77319	56169.20313	504579.1	5408439.5
L4580.1	504579.1	5408438.1	7165.60010	260.32	0	48.828905	-86.937608	56202.20	56256.6	-6.64	56195.56	56195.78516	56190.53555	56168.99219	504579.1	5408438.1
L4580.1	504579.1	5408438.1	7165.70020	260.93	0	48.828905	-86.937608	56201.94	56256.6	-6.64	56195.30	56195.54688	56190.29581	56168.78125	504579.1	5408438.1
L4580.1	504579.1	5408436.8	7165.79981	258.54	0	48.828893	-86.937608	56201.93	56256.6	-6.64	56195.29	56195.55859	56190.05067	56168.56250	504579.1	5408436.8
L4580.1	504579.1	5408436.8	7165.89990	258.97	0	48.828893	-86.937608	56201.68	56256.6	-6.64	56195.04	56195.33203	56189.80399	56168.34375	504579.1	5408436.8
L4580.1	504579.2	5408435.3	7166.00000	260.33	0	48.828879	-86.937608	56201.57	56256.6	-6.64	56194.93	56195.24609	56189.55209	56168.11719	504579.2	5408435.3
L4580.1	504579.2	5408433.7	7166.10010	259.74	0	48.828865	-86.937608	56201.43	56256.6	-6.64	56194.79	56195.12891	56189.29653	56167.88672	504579.2	5408433.7
L4580.1	504579.2	5408432.1	7166.20020	258.99	0	48.828850	-86.937607	56201.21	56256.6	-6.64	56194.58	56194.94141	56189.03804	56167.65234	504579.2	5408432.1
L4580.1	504579.2	5408432.1	7166.29981	259.30	0	48.828850	-86.937607	56201.28	56256.6	-6.64	56194.64	56195.02344	56188.77029	56167.40625	504579.2	5408432.1
L4580.1	504579.2	5408430.9	7166.39990	259.86	0	48.828840	-86.937607	56200.81	56256.6	-6.64	56194.17	56194.57813	56188.50983	56167.17188	504579.2	5408430.9
L4580.1	504579.2	5408429.7	7166.50000	260.53	0	48.828830	-86.937607	56200.76	56256.6	-6.63	56194.12	56194.55078	56188.23657	56166.91797	504579.2	5408429.7
L4580.1	504579.2	5408428.5	7166.60010	260.09	0	48.828818	-86.937607	56200.30	56256.6	-6.63	56193.67	56194.12109	56187.97032	56166.67188	504579.2	5408428.5
L4580.1	504579.2	5408428.5	7166.70020	259.69	0	48.828818	-86.937607	56200.39	56256.6	-6.63	56193.75	56194.22266	56187.68580	56166.41016	504579.2	5408428.5
L4580.1	504579.2	5408426.8	7166.70020	259.69	0	48.828803	-86.937607	56200.11	56256.6	-6.63	56193.48	56193.97656	56187.40793	56166.14844	504579.2	5408426.8
L4580.1	504579.2	5408424.8	7166.89990	258.85	0	48.828785	-86.937607	56199.89	56256.6	-6.63	56193.26	56193.77734	56187.12511	56165.88672	504579.2	5408424.8
L4580.1	504579.2	5408423.4	7167.00000	261.36	0	48.828772	-86.937607	56199.52	56256.6	-6.63	56192.89	56193.42969	56186.84444	56165.62109	504579.2	5408423.4
L4580.1	504579.2	5408421.7	7167.10010	259.13	0	48.828757	-86.937607	56199.23	56256.6	-6.63	56192.60	56193.16016	56186.55782	56165.35156	504579.2	5408421.7
L4580.1	504579.2	5408421.7	7167.20020	257.02	0	48.828757	-86.937607	56198.98	56256.6	-6.63	56192.35	56192.93359	56186.26661	56165.07422	504579.2	5408421.7
L4580.1	504579.2	5408420.2	7167.29981	256.55	0	48.828744	-86.937607	56198.69	56256.6	-6.63	56192.06	56192.66406	56185.97412	56164.79688	504579.2	5408420.2
L4580.1	504579.2	5408419.0	7167.39990	257.78	0	48.828733	-86.937607	56198.63	56256.6	-6.63	56192.00	56192.62500	56185.66851	56164.50000	504579.2	5408419.0
L4580.1	504579.2	5408419.0	7167.50000	257.55	0	48.828733	-86.937607	56198.13	56256.6	-6.63	56191.50	56192.14453	56185.38084	56164.22656	504579.2	5408419.0
L4580.1	504579.2	5408417.4	7167.60010	257.49	0	48.828718	-86.937607	56197.95	56256.6	-6.63	56191.32	56191.98828	56185.07606	56163.92969	504579.2	5408417.4
L4580.1	504579.2	5408415.8	7167.70020	256.80	0	48.828704	-86.937608	56197.59	56256.6	-6.63	56190.96	56191.64844	56184.77783	56163.64063	504579.2	5408415.8
L4580.1	504579.2	5408415.8	7167.79981	255.21	0	48.828704	-86.937608	56197.14	56256.6	-6.63	56190.51	56191.21875	56184.48194	56163.35156	504579.2	5408415.8
L4580.1	504579.2	5408414.0	7167.89990	258.06	0	48.828688	-86.937608	56196.84	56256.6	-6.63	56190.21	56190.93750	56184.17597	56163.05078	504579.2	5408414.0
L4580.1	504579.1	5408412.7	7168.00000	257.79	0	48.828676	-86.937608	56196.43	56256.6	-6.63	56189.80	56190.54688	56183.87322	56162.75391	504579.1	5408412.7
L4580.1	504579.1	5408411.3	7168.10010	256.57	0	48.828663	-86.937608	56196.16	56256.6	-6.63	56189.53	56190.29688	56183.56041	56162.44141	504579.1	5408411.3
L4580.1	504579.1	5408411.3	7168.20020	255.57	0	48.828663	-86.937608	56195.64	56256.6	-6.63	56189.01	56189.79688	56183.25838	56162.14063	504579.1	5408411.3
L4580.1	504579.1	5408409.6	7168.29981	257.56	0	48.828649	-86.937608	56195.42	56256.6	-6.63	56188.79	56189.59766	56182.93751	56161.82031	504579.1	5408409.6
L4580.1	504579.1	5408408.2	7168.39990	258.66	0	48.828636	-86.937608	56194.89	56256.6	-6.63	56188.26	56189.08594	56182.63081	56161.51563	504579.1	5408408.2
L4580.1	504579.1	5408408.2	7168.50000	258.56	0	48.828636	-86.937608	56194.82	56256.6	-6.63	56188.19	56189.03516	56182.29662	56161.17578	504579.1	5408408.2
L4580.1	504579.1	5408406.8	7168.60010	259.57	0	48.828623	-86.937609	56194.36	56256.6	-6.63	56187.73	56188.59375	56181.98097	56160.85547	504579.1	5408406.8
L4580.1	504579.1	5408405.4	7168.70020	258.88	0	48.828611	-86.937609	56194.13	56256.6	-6.63	56187.50	56188.38281	56181.65040	56160.51953	504579.1	5408405.4
L4580.1	504579.1	5408404.0	7168.70020	258.88	0	48.828598	-86.937609	56193.58	56256.6	-6.63	56186.95	56187.85156	56181.33419	56160.19922	504579.1	5408404.0
L4580.1	504579.1	5408404.0	7168.89990	259.87	0	48.828598	-86.937609	56193.08	56256.6	-6.63	56186.45	56187.37109	56181.01248	56159.86719	504579.1	5408404.0
L4580.1	504579.1	5408402.1	7169.00000	257.55	0	48.828581	-86.937609	56192.77	56256.6	-6.63	56186.14	56187.08203	56180.67839	56159.52344	504579.1	5408402.1
L4580.1	504579.1	5408400.7	7169.10010	256.30	0	48.828569	-86.937609	56192.25	56256.6	-6.63	56185.61	56186.57031	56180.35252	56159.18750	504579.1	5408400.7
L4580.1	504579.1	5408400.7	7169.20020	257.29	0	48.828569	-86.937609	56192.06	56256.6	-6.63	56185.43	56186.40625	56180.00624	56158.82813	504579.1	5408400.7
L4580.1	504579.1	5408399.1	7169.29981	258.32	0	48.828554	-86.937609	56191.22	56256.6	-6.64	56184.58	56185.57422	56179.68785	56158.49219	504579.1	5408399.1
L4580.1	504579.1	5408397.2	7169.39990	260.02	0	48.828537	-86.937609	56190.90	56256.6	-6.64	56184.26	56185.27344	56179.34096	56158.12891	504579.1	5408397.2
L4580.1	504579.1	5408397.2	7169.50000	259.00	0	48.828537	-86.937609	56190.38	56256.6	-6.64	56183.74	56184.76953	56178.99950	56157.77344	504579.1	5408397.2
L4580.1	504579.1	5408395.8	7169.60010	256.79	0	48.828524	-86.937609	56190.13	56256.6	-6.64	56183.48	56184.52734	56178.64328	56157.39844	504579.1	5408395.8
L4580.1	504579.1	5408394.1	7169.70020	257.48	0	48.828509	-86.937609	56189.61	56256.6	-6.64	56182.96	56184.02344	56178.29414	56157.02734	504579.1	5408394.1
L4580.1	504579.1	5408394.1	7169.79981	257.83	0	48.828509	-86.937609	56189.04	56256.6	-6.65	56182.40	56183.48047	56177.94223	56156.65234	504579.1	5408394.1
L4580.1	504579.1	5408392.4	7169.89990	257.98	0	48.828494	-86.937609	56188.62	56256.6	-6.65	56181.97	56183.06641	56177.58089	56156.26953	504579.1	5408392.4
L4580.1	504579.1	5408390.4	7170.00000	257.13	0	48.828476	-86.937609	56188.03	56256.7	-6.65	56181.38	56182.49219	56177.22109	56155.88281	504579.1	5408390.4
L4580.1	504579.1	5408390.4	7170.10010	259.57	0	48.828476	-86.937609	56187.72	56256.6	-6.65	56181.08	56182.21094	56176.84629	56155.48438	504579.1	5408390.4
L4580.1	504579.1	5408389.0	7170.20020	261.50	0	48.828463	-86.937609	56186.97	56256.6	-6.64	56180.33	56181.47656	56176.48305	56155.09375	504579.1	5408389.0
L4580.1	504579.1	5408387.6	7170.29981	262.61	0	48.828451	-86.937609	56186.70	56256.6	-6.64	56180.05	56181.21094	56176.09893	56154.67969	504579.1	5408387.6
L4580.1	504579.1	5408387.6	7170.39990	262.35	0	48.828451	-86.937609	56185.91	56256.6	-6.64	56179.27	56180.44531	56175.72779	56154.27734	504579.1	5408387.6
L4580.1	504579.1	5408386.2	7170.50000	258.84	0	48.828438	-86.937609	56185.68	56256.6	-6.64	56179.04	56180.23047	56175.33362	56153.85156	504579.1	5408386.2

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4580.1	504579.1	5408384.3	7170.60010	258.44	0	48.828421	-86.937609	56184.89	56256.6	-6.63	56178.26	56179.46484	56174.95443	56153.43750	504579.1	5408384.3
L4580.1	504579.1	5408383.1	7170.70020	258.98	0	48.828410	-86.937609	56184.54	56256.6	-6.63	56177.91	56179.12891	56174.55640	56153.00781	504579.1	5408383.1
L4580.1	504579.1	5408381.5	7170.70020	258.98	0	48.828396	-86.937609	56184.02	56256.6	-6.63	56177.39	56178.62500	56174.16030	56152.57422	504579.1	5408381.5
L4580.1	504579.1	5408380.5	7170.89990	262.73	0	48.828387	-86.937609	56183.46	56256.6	-6.62	56176.83	56178.07813	56173.76183	56152.14063	504579.1	5408380.5
L4580.1	504579.1	5408380.5	7171.00000	260.04	0	48.828387	-86.937609	56183.02	56256.6	-6.62	56176.40	56177.66406	56173.35486	56151.69531	504579.1	5408380.5
L4580.1	504579.1	5408380.5	7171.10010	259.25	0	48.828387	-86.937609	56182.32	56256.6	-6.62	56175.70	56176.97656	56172.95470	56151.25391	504579.1	5408380.5
L4580.1	504579.1	5408378.0	7171.20020	259.68	0	48.828364	-86.937609	56181.79	56256.6	-6.62	56175.17	56176.46094	56172.54482	56150.80469	504579.1	5408378.0
L4580.1	504579.1	5408376.8	7171.29981	260.97	0	48.828353	-86.937609	56181.20	56256.6	-6.62	56174.57	56175.87500	56172.13474	56150.35156	504579.1	5408376.8
L4580.1	504579.1	5408375.4	7171.39990	257.57	0	48.828341	-86.937609	56180.75	56256.6	-6.62	56174.13	56175.44922	56171.71491	56149.89063	504579.1	5408375.4
L4580.1	504579.1	5408375.4	7171.50000	256.17	0	48.828341	-86.937609	56180.09	56256.6	-6.63	56173.46	56174.78906	56171.30241	56149.43359	504579.1	5408375.4
L4580.1	504579.1	5408373.8	7171.60010	254.97	0	48.828327	-86.937609	56179.68	56256.6	-6.63	56173.06	56174.40234	56170.87493	56148.96094	504579.1	5408373.8
L4580.1	504579.1	5408372.6	7171.70020	254.72	0	48.828315	-86.937609	56179.07	56256.6	-6.63	56172.45	56173.80469	56170.45453	56148.49609	504579.1	5408372.6
L4580.1	504579.1	5408370.7	7171.79981	256.67	0	48.828299	-86.937609	56178.61	56256.6	-6.63	56171.98	56173.34766	56170.02467	56148.01953	504579.1	5408370.7
L4580.1	504579.1	5408370.7	7171.89990	257.31	0	48.828299	-86.937609	56177.90	56256.6	-6.63	56171.27	56172.64844	56169.60421	56147.55078	504579.1	5408370.7
L4580.1	504579.1	5408369.3	7172.00000	257.77	0	48.828286	-86.937610	56177.23	56256.6	-6.63	56170.60	56171.99219	56169.17942	56147.07813	504579.1	5408369.3
L4580.1	504579.1	5408367.8	7172.10010	257.26	0	48.828273	-86.937610	56176.48	56256.6	-6.63	56169.85	56171.25391	56168.75658	56146.60547	504579.1	5408367.8
L4580.1	504579.0	5408366.3	7172.20020	256.88	0	48.828259	-86.937610	56175.88	56256.6	-6.63	56169.25	56170.66406	56168.32309	56146.12109	504579.0	5408366.3
L4580.1	504579.0	5408366.3	7172.29981	258.97	0	48.828259	-86.937610	56175.44	56256.6	-6.63	56168.81	56170.23438	56167.87778	56145.62500	504579.0	5408366.3
L4580.1	504579.0	5408364.6	7172.39990	258.83	0	48.828244	-86.937610	56174.81	56256.6	-6.63	56168.17	56169.60547	56167.44092	56145.13672	504579.0	5408364.6
L4580.1	504579.0	5408364.6	7172.50000	258.74	0	48.828244	-86.937610	56174.27	56256.6	-6.63	56167.64	56169.08594	56166.99493	56144.63672	504579.0	5408364.6
L4580.1	504579.0	5408361.6	7172.60010	256.47	0	48.828217	-86.937610	56173.58	56256.6	-6.64	56166.95	56168.40625	56166.55585	56144.14453	504579.0	5408361.6
L4580.1	504579.0	5408361.6	7172.70020	257.57	0	48.828217	-86.937610	56173.18	56256.6	-6.64	56166.54	56168.00391	56166.09680	56143.62891	504579.0	5408361.6
L4580.1	504579.0	5408360.1	7172.70020	257.57	0	48.828203	-86.937610	56172.56	56256.6	-6.64	56165.92	56167.39453	56165.64823	56143.12891	504579.0	5408360.1
L4580.1	504579.0	5408360.1	7172.89990	259.47	0	48.828203	-86.937610	56171.97	56256.6	-6.64	56165.33	56166.81250	56165.19540	56142.61719	504579.0	5408360.1
L4580.1	504579.0	5408357.6	7173.00000	259.96	0	48.828181	-86.937611	56171.26	56256.6	-6.64	56164.62	56166.11328	56164.74789	56142.11328	504579.0	5408357.6
L4580.1	504579.0	5408356.2	7173.10010	261.03	0	48.828168	-86.937611	56170.65	56256.6	-6.64	56164.01	56165.51172	56164.29074	56141.60156	504579.0	5408356.2
L4580.1	504579.0	5408356.2	7173.20020	259.80	0	48.828168	-86.937611	56170.06	56256.6	-6.64	56163.42	56164.92969	56163.82929	56141.08203	504579.0	5408356.2
L4580.1	504579.0	5408354.9	7173.29981	259.75	0	48.828157	-86.937611	56169.44	56256.6	-6.64	56162.80	56164.31641	56163.36691	56140.56250	504579.0	5408354.9
L4580.1	504579.0	5408353.5	7173.39990	258.79	0	48.828143	-86.937611	56168.85	56256.6	-6.64	56162.21	56163.73438	56162.89961	56140.03516	504579.0	5408353.5
L4580.1	504579.0	5408353.5	7173.50000	254.51	0	48.828143	-86.937611	56168.16	56256.6	-6.64	56161.53	56163.06250	56162.43541	56139.51563	504579.0	5408353.5
L4580.1	504579.0	5408351.3	7173.60010	254.43	0	48.828124	-86.937611	56167.41	56256.6	-6.63	56160.78	56162.32031	56161.97299	56138.99219	504579.0	5408351.3
L4580.1	504579.0	5408349.8	7173.70020	255.32	0	48.828111	-86.937611	56166.71	56256.6	-6.63	56160.08	56161.62891	56161.50438	56138.46484	504579.0	5408349.8
L4580.1	504579.0	5408349.8	7173.79981	256.17	0	48.828111	-86.937611	56166.18	56256.6	-6.63	56159.55	56161.10547	56161.02159	56137.92188	504579.0	5408349.8
L4580.1	504579.0	5408348.2	7173.89990	257.95	0	48.828096	-86.937611	56165.59	56256.6	-6.63	56158.96	56160.51953	56160.53997	56137.37891	504579.0	5408348.2
L4580.1	504579.0	5408346.7	7174.00000	256.31	0	48.828083	-86.937611	56164.76	56256.6	-6.63	56158.13	56159.69922	56160.07156	56136.85156	504579.0	5408346.7
L4580.1	504578.9	5408344.8	7174.10010	255.72	0	48.828066	-86.937611	56164.03	56256.6	-6.63	56157.40	56158.97266	56159.59370	56136.31250	504578.9	5408344.8
L4580.1	504578.9	5408344.8	7174.20020	253.80	0	48.828066	-86.937611	56163.26	56256.6	-6.63	56156.63	56158.20703	56159.11574	56135.77344	504578.9	5408344.8
L4580.1	504578.9	5408343.1	7174.29981	254.06	0	48.828050	-86.937611	56162.72	56256.6	-6.63	56156.09	56157.67188	56158.61971	56135.21875	504578.9	5408343.1
L4580.1	504578.9	5408341.8	7174.39990	253.84	0	48.828038	-86.937611	56162.10	56256.6	-6.63	56155.47	56157.05859	56158.12629	56134.66406	504578.9	5408341.8
L4580.1	504579.0	5408340.2	7174.50000	256.15	0	48.828024	-86.937611	56161.32	56256.6	-6.63	56154.68	56156.27344	56157.64152	56134.11719	504579.0	5408340.2
L4580.1	504579.0	5408340.2	7174.60010	259.25	0	48.828024	-86.937611	56160.64	56256.6	-6.64	56154.01	56155.60938	56157.14607	56133.56250	504579.0	5408340.2
L4580.1	504579.0	5408338.7	7174.70020	261.81	0	48.828011	-86.937611	56159.95	56256.6	-6.64	56153.32	56154.92188	56156.64930	56133.00391	504579.0	5408338.7
L4580.1	504579.0	5408337.0	7174.70020	261.81	0	48.827996	-86.937611	56159.17	56256.6	-6.64	56152.53	56154.13672	56156.15657	56132.44922	504579.0	5408337.0
L4580.1	504579.0	5408337.0	7174.89990	260.63	0	48.827996	-86.937611	56158.36	56256.6	-6.64	56151.72	56153.32813	56155.66258	56131.89453	504579.0	5408337.0
L4580.1	504579.0	5408335.2	7175.00000	258.23	0	48.827979	-86.937611	56157.84	56256.6	-6.64	56151.20	56152.81250	56155.14667	56131.32031	504579.0	5408335.2
L4580.1	504579.0	5408333.9	7175.10010	259.61	0	48.827967	-86.937611	56157.04	56256.6	-6.64	56150.40	56152.01563	56154.64117	56130.75391	504579.0	5408333.9
L4580.1	504579.0	5408332.4	7175.20020	258.62	0	48.827954	-86.937610	56156.31	56256.6	-6.64	56149.67	56151.28516	56154.12651	56130.17969	504579.0	5408332.4
L4580.1	504579.0	5408330.6	7175.29981	259.59	0	48.827938	-86.937610	56155.46	56256.6	-6.64	56148.82	56150.43750	56153.61654	56129.60938	504579.0	5408330.6
L4580.1	504579.0	5408330.6	7175.39990	257.90	0	48.827938	-86.937610	56154.74	56256.6	-6.64	56148.11	56149.73047	56153.09534	56129.03125	504579.0	5408330.6
L4580.1	504579.1	5408328.7	7175.50000	258.85	0	48.827921	-86.937610	56154.08	56256.6	-6.63	56147.45	56149.07031	56152.56944	56128.44531	504579.1	5408328.7
L4580.1	504579.1	5408328.7	7175.60010	260.51	0	48.827921	-86.937610	56153.27	56256.6	-6.63	56146.64	56148.26172	56152.05137	56127.86719	504579.1	5408328.7
L4580.1	504579.1	5408327.0	7175.70020	263.33	0	48.827905	-86.937610	56152.68	56256.6	-6.63	56146.04	56147.66016	56151.52089	56127.28125	504579.1	5408327.0
L4580.1	504579.1	5408325.0	7175.79981	260.31	0	48.827887	-86.937610	56151.66	56256.6	-6.63	56145.03	56146.65234	56151.01440	56126.71484	504579.1	5408325.0
L4580.1	504579.1	5408325.0	7175.89990	260.02	0	48.827887	-86.937610	56151.10	56256.6	-6.63	56144.47	56146.08984	56150.48257	56126.12500	504579.1	5408325.0
L4580.1	504579.1	5408323.3	7176.00000	257.34	0	48.827872	-86.937610	56150.26	56256.6	-6.63	56143.63	56145.25000	56149.96871	56125.55469	504579.1	5408323.3
L4580.1	504579.1	5408323.3	7176.10010	255.81	0	48.827872	-86.937610	56149.51	56256.6	-6.63	56142.88	56144.50000	56149.45191	56124.98438	504579.1	5408323.3
L4580.1	504579.1	5408321.4	7176.20020	256.86	0	48.827855	-86.937610	56148.77	56256.6	-6.63	56142.14	56143.75781	56148.93754	56124.41406	504579.1	5408321.4
L4580.1	504579.1	5408319.6	7176.29981	256.38	0	48.827839	-86.937610	56148.02	56256.6	-6.63	56141.38	56142.99609	56148.42172	56123.84375	504579.1	5408319.6
L4580.1	504579.1	5408319.6	7176.39990	254.76	0	48.827839	-86.937610	56147.14	56256.6	-6.63	56140.50	56142.11328	56147.89667	56123.26172	504579.1	5408319.6
L4580.1	504579.1	5408317.9	7176.50000	255.12	0	48.827824	-86.937610	56146.21	56256.6	-6.63	56139.58	56141.19141	56147.37216	56122.68359	504579.1	5408317.9
L4580.1	504579.1	5408316.5	7176.60010	256.03	0	48.827811	-86.937610	56145.54	56256.6	-6.64	56138.90	56140.50781	56146.82956	56122.08984	504579.1	5408316.5
L4580.1	504579.1	5408316.5	7176.70020	257.76	0	48.827811	-86.937610	56144.66	56256.6	-6.64	56138.02	56139.62109	56146.29822	56121.50391	504579.1	5408316.5
L4580.1	504579.1	5408314.8	7176.70020	257.76	0	48.827796	-86.937610	56144.00	56256.6	-6.64	56137.36	56138.95703	56145.75021	56120.90625	504579.1	5408314.8
L4580.1	504579.1	5408313.3	7176.89990	258.78	0	48.827782	-86.937610	56143.13	56256.6	-6.64	56136.49	56138.08203	56145.21420	56120.31641	504579.1	5408313.3
L4580.1	504579.1	5408313.3	7177.00000	262.20	0	48.827782	-86.937610	56142.20	56256.6	-6.64	56135.56	56137.14844	56144.68025	56119.73438	504579.1	5408313.3
L4580.1	504579.1	5408311.5	7177.10010	266.98	0	48.827766	-86.937610	56141.20	56256.6	-6.64	56134.56	56136.14063	56144.14907	56119.15234	504579.1	5408311.5
L4580.1	504579.1	5408310.1	7177.20020	266.61	0	48.827753	-86.937610	56140.40	56256.6	-6.64	56133.76	56135.33594	56143.60268	56118.55859	504579.1	5408310.1
L4580.1	504579.1	5408308.6	7177.29981	263.66	0	48.827740	-86.937610	56139.64	56256.6	-6.64	56133.00	56134.57031	56143.05181	56117.96094	504579.1	5408308.6
L4580.1	504579.1	5408308.6	7177.39990	259.42	0	48.827740	-86.937610	56138.96	56256.6	-6.64	56132.32	56133.88281	56142.49381	56117.35547	504579.1	5408308.6
L4580.1	504579.1	5408307.1	7177.50000	255.68	0	48.827726	-86.937610	56138.04	56256.6	-6.65	56131.40	56132.95313	56141.95008	56116.76563	504579.1	5408307.1
L4580.1	504579.1	5408307.1	7177.60010	253.65	0	48.827726	-86.937610	56137.26	56256.6	-6.65	56130.62	56132.16406	56141.39532	56116.16406	504579.1	5408307.1
L4580.1	504579.1	5408305.2	7177.70020	252.02	0	48.827709	-86.937610	56136.39	56256.6	-6.65	56129.74	56131.27734	56140.84557	56115.57031	504579.1	5408305.2
L4580.1	504579.1	5408303.4	7177.79981	251.44	0	48.827693	-86.937610	56135.39	56256.6	-6.65	56128.74	56130.26563	56140.30222	56114.98047	504579.1	5408303.4
L4580.1	504579.1	5408301.6	7177.89990	250.83	0	48.827677	-86.937610	56134.51	56256.6	-6.65	56127.86	56129.37891	56139.74930	56114.38672	504579.1	5408301.6
L4580.1	504579.1	5408301.6	7178.00000	252.04	0	48.827677	-86.937610	56133.61	56256.7	-6.65	56126.96	56128.46484	56139.19620	56113.78906	504579.1	5408301.6
L4580.1	504579.1	5408300.5	7178.10010	254.28	0	48.827667	-86.937610	56132.93	56256.6	-6.65	56126.29	56127.78516	56138.62630	56113.17969	504579.1	5408300.5
L4580.1	504579.1	5408298.8	7178.20020	256.39	0	48.827652	-86.937610	56131.83	56256.6	-6.64	56125.18	56126.66406	56138.08431	56112.59375	504579.1	5408298.8
L4580.1	504579.1	5408297.3	7178.29981	257.39	0	48.827639	-86.937610	56131.17	56256.6	-6.64	56124.53	56126.00000	56137.51028	56111.98047	504579.1	5408297.3
L4580.1	504579.1	5408297.3	7178.39990	260.13	0	48.827639	-86.937610	56130.18	56256.6	-6.64	56123.54	56124.99609	56136.95760	56111.39063	504579.1	5408297.3
L4580.1	504579.1	5408295.4	7178.50000	262.59	0	48.827621	-86.937610	56129.40	56256.6	-6.64	56122.76	56124.20313	56136.38965	56110.78516	504579.1	5408295.4
L4580.1	504579.1	5408294.0	7178.60010	261.87	0	48.827608	-86.937610	56128.41	56256.6	-6.63	56121.78	56123.21094	56135.83381	56110.19141	504579.1	5408294.0
L4580.1	504579.1	5408294.0	7178.70020	261.01	0	48.827608	-86.937610	56127.46	56256.6	-6.63	56120.83	56122.24609	56135.27480	56109.59375	504579.1	5408294.0
L4580.1	504579.1	5408292.5	7178.70020	261.01	0	48.827595	-86.937610	56126.51	56256.6	-6.63	56119.88	56121.27734	56134.71467	56109.00000	504579.1	5408292.5
L4580.1	504579.1	5408290.6	7178.89990	257.04	0	48.827578	-86.937610	56125.84	56256.6	-6.62	56119.21	56120.59375	56134.13482	56108.38672	504579.1	5408290.6
L4580.1	504579.1	5408288.9	7179.00000	256.70	0	48.827562	-86.937611	56124.83	56256.6	-6.62	56118.21	56119.57422	56133.57596	56107.79297	504579.1	5408288.9
L4580.1	504579.1	5408288.9	7179.10010	254.06	0	48.827562	-86.937611	56123.90	56256.6	-6.62	56117.28	56118.62891	56133.01147	56107.19531	504579.1	5408288.9
L4580.1	504579.1	5408287.2	7179.20020	254.51	0	48.827547	-86.937611	56123.10	56256.6	-6.62	56116.48	56117.80859	56132.43743	56106.58984	504579.1	5408287.2
L4580.1	504579.0	5408285.4	7179.29981	249.59	0	48.827531	-86.937611	56122.12	56256.6	-6.62	56115.50	56116.81250	56131.87454	56105.99609	504579.0	5408285.4
L4580.1	504579.0	5408285.4	7179.39990	249.44	0	48.827531	-86.937611	56121.20	56256.6	-6.62	56114.57	56115.85938	56131.30754	56105.39844	504579.0	5408285.4
L4580.1	504579.1	5408283.9	7179.50000	251.48	0	48.827517	-86.937611	56120.22	56256.6	-6.63	56113.59	56114.85938	56130.74315	56104.80469	504579.1	5408283.9
L4580.1	504579.1	5408282.1	7179.60010	256.09	0	48.827502	-86.937610	56119.40	56256.6	-6.63	56112.78	56114.02734	56130.16676	56104.19922	504579.1	5408282.1
L4580.1	504579.1	5408282.1	7179.70020	256.26	0	48.827502	-86.937610	56118.32	56256.6	-6.63	56111.70	56112.92578	56129.60776	56103.60938	504579.1	5408282.1
L4580.1	504579.1	5408280.7	7179.79981	258.19	0	48.827489	-86.937610	56117.46	56256.6	-6.63	56110.83	56112.03516	56129.03421	56103.01172	504579.1	5408280.7

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4580.1	504579.1	5408278.4	7179.89990	257.79	0	48.827468	-86.937610	56116.55	56256.6	-6.63	56109.92	56111.10156	56128.46285	56102.41406	504579.1	5408278.4
L4580.1	504579.1	5408278.4	7180.00000	258.26	0	48.827468	-86.937610	56115.62	56256.6	-6.63	56108.99	56110.14453	56127.89240	56101.81641	504579.1	5408278.4
L4580.1	504579.1	5408276.7	7180.10010	257.59	0	48.827453	-86.937610	56114.57	56256.6	-6.63	56107.94	56109.07031	56127.32958	56101.23047	504579.1	5408276.7
L4580.1	504579.1	5408276.7	7180.20020	256.25	0	48.827453	-86.937610	56113.49	56256.6	-6.63	56106.86	56107.96484	56126.76848	56100.64453	504579.1	5408276.7
L4580.1	504579.1	5408274.7	7180.29981	252.90	0	48.827435	-86.937610	56112.68	56256.6	-6.63	56106.05	56107.12891	56126.18914	56100.04297	504579.1	5408274.7
L4580.1	504579.1	5408273.3	7180.39990	247.74	0	48.827422	-86.937610	56111.70	56256.6	-6.63	56105.07	56106.12109	56125.62096	56099.45313	504579.1	5408273.3
L4580.1	504579.1	5408273.3	7180.50000	248.47	0	48.827422	-86.937610	56110.96	56256.6	-6.63	56104.33	56105.35156	56125.03668	56098.84766	504579.1	5408273.3
L4580.1	504579.1	5408271.5	7180.60010	248.98	0	48.827406	-86.937610	56109.80	56256.6	-6.63	56103.17	56104.16406	56124.48037	56098.26953	504579.1	5408271.5
L4580.1	504579.1	5408269.8	7180.70020	252.04	0	48.827391	-86.937610	56109.04	56256.6	-6.63	56102.41	56103.37109	56123.89743	56097.66797	504579.1	5408269.8
L4580.1	504579.1	5408268.1	7180.70020	252.04	0	48.827376	-86.937610	56107.97	56256.6	-6.63	56101.34	56102.26953	56123.33525	56097.08594	504579.1	5408268.1
L4580.1	504579.1	5408268.1	7180.89990	253.51	0	48.827376	-86.937610	56107.12	56256.6	-6.63	56100.49	56101.39063	56122.75857	56096.49219	504579.1	5408268.1
L4580.1	504579.1	5408266.4	7181.00000	255.46	0	48.827360	-86.937610	56106.20	56256.6	-6.63	56099.57	56100.43750	56122.18679	56095.90234	504579.1	5408266.4
L4580.1	504579.1	5408266.4	7181.10010	254.04	0	48.827360	-86.937610	56105.22	56256.6	-6.63	56098.60	56099.43359	56121.61866	56095.31641	504579.1	5408266.4
L4580.1	504579.2	5408265.0	7181.20020	252.48	0	48.827348	-86.937609	56104.18	56256.6	-6.63	56097.55	56098.34766	56121.05624	56094.73828	504579.2	5408265.0
L4580.1	504579.2	5408263.1	7181.29981	254.14	0	48.827330	-86.937609	56103.22	56256.6	-6.62	56096.60	56097.36328	56120.48760	56094.15625	504579.2	5408263.1
L4580.1	504579.2	5408263.1	7181.39990	255.22	0	48.827330	-86.937609	56102.31	56256.6	-6.62	56095.69	56096.41797	56119.91682	56093.57031	504579.2	5408263.1
L4580.1	504579.2	5408261.2	7181.50000	256.97	0	48.827313	-86.937609	56101.32	56256.6	-6.62	56094.70	56095.39063	56119.35197	56092.99219	504579.2	5408261.2
L4580.1	504579.2	5408259.8	7181.60010	254.83	0	48.827301	-86.937609	56100.41	56256.6	-6.62	56093.80	56094.45313	56118.78179	56092.40625	504579.2	5408259.8
L4580.1	504579.2	5408258.1	7181.70020	255.07	0	48.827285	-86.937609	56099.47	56256.6	-6.62	56092.86	56093.47266	56118.21502	56091.82813	504579.2	5408258.1
L4580.1	504579.2	5408258.1	7181.79981	251.24	0	48.827285	-86.937609	56098.43	56256.6	-6.61	56091.82	56092.39453	56117.65573	56091.25781	504579.2	5408258.1
L4580.1	504579.2	5408256.2	7181.89990	250.02	0	48.827268	-86.937609	56097.40	56256.6	-6.61	56090.79	56091.32422	56117.09668	56090.68750	504579.2	5408256.2
L4580.1	504579.2	5408255.0	7182.00000	252.22	0	48.827257	-86.937609	56096.54	56256.6	-6.61	56089.93	56090.42188	56116.52726	56090.10547	504579.2	5408255.0
L4580.1	504579.2	5408255.0	7182.10010	254.69	0	48.827257	-86.937609	56095.64	56256.6	-6.61	56089.03	56089.48047	56115.96157	56089.53125	504579.2	5408255.0
L4580.1	504579.2	5408253.2	7182.20020	254.69	0	48.827242	-86.937609	56094.52	56256.6	-6.61	56087.91	56088.31641	56115.41166	56088.97266	504579.2	5408253.2
L4580.1	504579.2	5408252.0	7182.29981	253.41	0	48.827230	-86.937609	56093.58	56256.6	-6.61	56086.96	56087.32031	56114.85164	56088.40234	504579.2	5408252.0
L4580.1	504579.2	5408250.1	7182.39990	253.97	0	48.827214	-86.937609	56092.60	56256.6	-6.61	56085.98	56086.29688	56114.29490	56087.83984	504579.2	5408250.1
L4580.1	504579.2	5408250.1	7182.50000	250.56	0	48.827214	-86.937609	56091.73	56256.6	-6.62	56085.12	56085.39063	56113.73154	56087.26953	504579.2	5408250.1
L4580.1	504579.2	5408248.8	7182.60010	248.27	0	48.827202	-86.937609	56090.67	56256.6	-6.62	56084.06	56084.28516	56113.18296	56086.71094	504579.2	5408248.8
L4580.1	504579.2	5408247.0	7182.70020	248.88	0	48.827185	-86.937609	56089.64	56256.6	-6.62	56083.02	56083.19531	56112.63458	56086.15625	504579.2	5408247.0
L4580.1	504579.2	5408247.0	7182.70020	248.88	0	48.827185	-86.937609	56088.68	56256.6	-6.62	56082.06	56082.18750	56112.08249	56085.59766	504579.2	5408247.0
L4580.1	504579.2	5408245.0	7182.89990	249.62	0	48.827168	-86.937609	56087.86	56256.6	-6.62	56081.24	56081.32031	56111.52277	56085.03516	504579.2	5408245.0
L4580.1	504579.2	5408243.6	7183.00000	248.95	0	48.827155	-86.937608	56086.90	56256.6	-6.62	56080.28	56080.30859	56110.97417	56084.48047	504579.2	5408243.6
L4580.1	504579.2	5408243.6	7183.10010	248.79	0	48.827155	-86.937608	56085.99	56256.6	-6.62	56079.37	56079.34766	56110.42412	56083.92578	504579.2	5408243.6
L4580.1	504579.2	5408241.9	7183.20020	253.10	0	48.827140	-86.937608	56085.04	56256.6	-6.62	56078.42	56078.34766	56109.87870	56083.37891	504579.2	5408241.9
L4580.1	504579.3	5408240.9	7183.29981	255.25	0	48.827131	-86.937608	56084.07	56256.6	-6.62	56077.45	56077.32422	56109.33666	56082.83203	504579.3	5408240.9
L4580.1	504579.3	5408238.9	7183.39990	257.50	0	48.827112	-86.937608	56083.11	56256.6	-6.62	56076.49	56076.30859	56108.79609	56082.28906	504579.3	5408238.9
L4580.1	504579.3	5408238.9	7183.50000	257.99	0	48.827112	-86.937608	56082.25	56256.6	-6.62	56075.63	56075.39453	56108.25109	56081.74219	504579.3	5408238.9
L4580.1	504579.3	5408236.5	7183.60010	256.86	0	48.827092	-86.937608	56081.24	56256.6	-6.62	56074.62	56074.33203	56107.71842	56081.20703	504579.3	5408236.5
L4580.1	504579.3	5408236.5	7183.70020	256.74	0	48.827092	-86.937608	56080.13	56256.6	-6.62	56073.50	56073.15625	56107.19549	56080.68359	504579.3	5408236.5
L4580.1	504579.3	5408234.9	7183.79981	258.07	0	48.827077	-86.937608	56079.11	56256.6	-6.62	56072.49	56072.08984	56106.66773	56080.15625	504579.3	5408234.9
L4580.1	504579.3	5408233.2	7183.89990	258.49	0	48.827061	-86.937608	56078.28	56256.6	-6.62	56071.66	56071.20313	56106.13058	56079.61719	504579.3	5408233.2
L4580.1	504579.3	5408233.2	7184.00000	257.43	0	48.827061	-86.937608	56077.39	56256.6	-6.62	56070.77	56070.25391	56105.60012	56079.08594	504579.3	5408233.2
L4580.1	504579.3	5408231.7	7184.10010	254.88	0	48.827048	-86.937608	56076.45	56256.6	-6.62	56069.83	56069.25781	56105.07579	56078.56250	504579.3	5408231.7
L4580.1	504579.3	5408229.7	7184.20020	254.92	0	48.827030	-86.937607	56075.50	56256.6	-6.62	56068.88	56068.24609	56104.55502	56078.04297	504579.3	5408229.7
L4580.1	504579.3	5408229.7	7184.29981	254.32	0	48.827030	-86.937607	56074.46	56256.6	-6.61	56067.84	56067.14844	56104.04324	56077.53125	504579.3	5408229.7
L4580.1	504579.4	5408227.7	7184.39990	254.46	0	48.827012	-86.937607	56073.60	56256.6	-6.61	56066.99	56066.23828	56103.52187	56077.01172	504579.4	5408227.7
L4580.1	504579.4	5408227.7	7184.50000	254.50	0	48.827012	-86.937607	56072.36	56256.6	-6.61	56065.75	56064.93750	56103.02970	56076.52344	504579.4	5408227.7
L4580.1	504579.4	5408226.1	7184.60010	253.01	0	48.826997	-86.937607	56071.49	56256.6	-6.61	56064.88	56064.00391	56102.51614	56076.01172	504579.4	5408226.1
L4580.1	504579.4	5408226.1	7184.70020	255.04	0	48.826997	-86.937607	56070.39	56256.6	-6.61	56063.79	56062.85156	56102.02064	56075.51953	504579.4	5408226.1
L4580.1	504579.4	5408224.3	7184.70020	255.04	0	48.826981	-86.937607	56069.88	56256.6	-6.61	56063.27	56062.26953	56101.49063	56074.99219	504579.4	5408224.3
L4580.1	504579.4	5408223.0	7184.89990	254.18	0	48.826970	-86.937607	56068.82	56256.6	-6.60	56062.22	56061.15625	56100.99956	56074.50781	504579.4	5408223.0
L4580.1	504579.4	5408221.5	7185.00000	254.49	0	48.826956	-86.937606	56067.96	56256.6	-6.60	56061.36	56060.23438	56100.49951	56074.01172	504579.4	5408221.5
L4580.1	504579.4	5408221.5	7185.10010	253.84	0	48.826956	-86.937606	56066.92	56256.6	-6.60	56060.32	56059.13281	56100.01528	56073.53125	504579.4	5408221.5
L4580.1	504579.5	5408219.7	7185.20020	256.25	0	48.826940	-86.937606	56066.04	56256.6	-6.61	56059.43	56058.17578	56099.52495	56073.04688	504579.5	5408219.7
L4580.1	504579.5	5408218.2	7185.29981	256.80	0	48.826926	-86.937606	56065.25	56256.6	-6.61	56058.64	56057.32031	56099.02805	56072.55469	504579.5	5408218.2
L4580.1	504579.5	5408216.8	7185.39990	257.06	0	48.826914	-86.937605	56064.14	56256.6	-6.62	56057.53	56056.14844	56098.22796	56071.76172	504579.5	5408216.8
L4580.1	504579.5	5408216.8	7185.50000	256.59	0	48.826914	-86.937605	56063.40	56256.6	-6.62	56056.78	56055.33203	56097.39832	56070.94141	504579.5	5408216.8
L4580.1	504579.5	5408215.0	7185.60010	258.39	0	48.826898	-86.937605	56062.29	56256.6	-6.62	56055.67	56054.15625	56096.57977	56070.12891	504579.5	5408215.0
L4580.1	504579.6	5408213.7	7185.70020	259.54	0	48.826886	-86.937604	56061.53	56256.6	-6.63	56054.90	56053.32031	56095.74375	56069.30078	504579.6	5408213.7
L4580.1	504579.6	5408213.7	7185.79981	260.31	0	48.826886	-86.937604	56060.52	56256.6	-6.63	56053.89	56052.24609	56094.91498	56068.48047	504579.6	5408213.7
L4580.1	504579.6	5408212.1	7185.89990	261.68	0	48.826871	-86.937604	56059.61	56256.6	-6.64	56052.97	56051.25781	56094.08346	56067.65625	504579.6	5408212.1
L4580.1	504579.6	5408210.5	7186.00000	263.95	0	48.826857	-86.937604	56058.88	56256.6	-6.64	56052.24	56050.46484	56093.25101	56066.83203	504579.6	5408210.5
L4580.1	504579.6	5408208.9	7186.10010	262.84	0	48.826843	-86.937603	56058.06	56256.6	-6.64	56051.43	56049.58594	56092.42355	56066.01563	504579.6	5408208.9
L4580.1	504579.6	5408208.9	7186.20020	263.86	0	48.826843	-86.937603	56057.36	56256.6	-6.63	56050.72	56048.81250	56091.60339	56065.20703	504579.6	5408208.9
L4580.1	504579.7	5408207.2	7186.29981	263.60	0	48.826827	-86.937603	56056.29	56256.6	-6.63	56049.66	56047.68750	56090.78770	56064.40234	504579.7	5408207.2
L4580.1	504579.7	5408205.8	7186.39990	262.76	0	48.826815	-86.937603	56055.54	56256.6	-6.63	56048.91	56046.87109	56089.99223	56063.61719	504579.7	5408205.8
L4580.1	504579.7	5408204.1	7186.50000	259.79	0	48.826800	-86.937603	56054.30	56256.6	-6.63	56047.67	56045.56250	56089.19900	56062.83594	504579.7	5408204.1
L4580.1	504579.7	5408204.1	7186.60010	258.58	0	48.826800	-86.937603	56053.41	56256.6	-6.62	56046.79	56044.61719	56088.43673	56062.08594	504579.7	5408204.1
L4580.1	504579.7	5408202.6	7186.70020	257.56	0	48.826786	-86.937603	56052.38	56256.6	-6.62	56045.76	56043.52344	56087.68900	56061.35156	504579.7	5408202.6
L4580.1	504579.7	5408201.1	7186.70020	257.56	0	48.826772	-86.937603	56051.82	56256.6	-6.62	56045.20	56042.89844	56086.99115	56060.66797	504579.7	5408201.1
L4580.1	504579.7	5408201.1	7186.89990	259.83	0	48.826772	-86.937603	56050.91	56256.6	-6.61	56044.29	56041.92188	56086.30194	56059.99219	504579.7	5408201.1
L4580.1	504579.7	5408199.4	7187.00000	259.54	0	48.826758	-86.937603	56050.33	56256.6	-6.61	56043.72	56041.28906	56085.65718	56059.36328	504579.7	5408199.4
L4580.1	504579.7	5408197.9	7187.10010	261.11	0	48.826744	-86.937603	56049.29	56256.6	-6.61	56042.68	56040.18359	56085.00861	56058.73047	504579.7	5408197.9
L4580.1	504579.7	5408196.3	7187.20020	260.77	0	48.826729	-86.937602	56048.58	56256.6	-6.61	56041.98	56039.41797	56084.42060	56058.16016	504579.7	5408196.3
L4580.1	504579.7	5408196.3	7187.29981	261.92	0	48.826729	-86.937602	56047.75	56256.6	-6.60	56041.15	56038.52734	56083.87191	56057.62891	504579.7	5408196.3
L4580.1	504579.7	5408194.6	7187.39990	264.34	0	48.826714	-86.937602	56047.09	56256.6	-6.60	56040.48	56037.79297	56083.39216	56057.16406	504579.7	5408194.6
L4580.1	504579.7	5408192.6	7187.50000	263.82	0	48.826697	-86.937602	56046.16	56256.6	-6.60	56039.56	56036.80859	56082.95844	56056.75000	504579.7	5408192.6
L4580.1	504579.7	5408192.6	7187.60010	265.22	0	48.826697	-86.937602	56045.34	56256.6	-6.60	56038.75	56035.93750	56082.60471	56056.41797	504579.7	5408192.6
L4580.1	504579.8	5408190.9	7187.70020	264.72	0	48.826681	-86.937602	56044.73	56256.6	-6.60	56038.14	56035.26953	56082.34439	56056.17969	504579.8	5408190.9
L4580.1	504579.8	5408189.6	7187.79981	265.09	0	48.826670	-86.937602	56043.86	56256.6	-6.59	56037.26	56034.32813	56082.15198	56056.00781	504579.8	5408189.6
L4580.1	504579.8	5408187.7	7187.89990	265.70	0	48.826652	-86.937602	56043.20	56256.6	-6.59	56036.60	56033.60938	56082.06628	56055.94531	504579.8	5408187.7
L4580.1	504579.8	5408187.7	7188.00000	264.15	0	48.826652	-86.937602	56042.38	56256.6	-6.59	56035.79	56032.73828	56082.07744	56055.98047	504579.8	5408187.7
L4580.1	504579.8	5408186.0	7188.10010	263.77	0	48.826637	-86.937602	56041.83	56256.6	-6.59	56035.24	56032.13281	56082.21569	56056.14063	504579.8	5408186.0
L4580.1	504579.8	5408186.0	7188.20020	263.33	0	48.826637	-86.937602	56040.92	56256.6	-6.59	56034.32	56031.15234	56082.45791	56056.41016	504579.8	5408186.0
L4580.1	504579.8	5408184.1	7188.29981	263.70	0	48.826620	-86.937602	56040.36	56256.6	-6.60	56033.76	56030.53906	56082.82731	56056.80859	504579.8	5408184.1
L4580.1	504579.8	5408182.7	7188.39990	263.72	0	48.826607	-86.937601	56039.75	56256.6	-6.60	56033.16	56029.88281	56083.30190	56057.30859	504579.8	5408182.7
L4580.1	504579.8	5408181.3	7188.50000	262.89	0	48.826595	-86.937601	56039.04	56256.6	-6.60	56032.44	56029.10938	56083.88113	56057.91797	504579.8	5408181.3
L4580.1	504579.8	5408181.3	7188.60010	260.19	0	48.826595	-86.937601	56038.26	56256.6	-6.60	56031.66	56028.27734	56084.55378	56058.62109	504579.8	5408181.3
L4580.1	504579.8	5408179.1	7188.70020	258.61	0	48.826575	-86.937601	56037.81	56256.6	-6.60	56031.21	56027.77344	56085.28127	56059.37891	504579.8	5408179.1
L4580.1	504579.8	5408178.1	7188.70020	258.61	0	48.826566	-86.937601	56037.13	56256.6	-6.60	56030.52	56027.03516	56085.20945	56059.33984	504579.8	5408178.1
L4580.1	504579.8	5408178.1	7188.89990	256.46	0	48.826566	-86.937601	56036.49	56256.6	-6.61	56029.88	56026.34375	56084.92543	56059.09375	504579.8	5408178.1
L4580.1	504579.9	5408176.4	7189.00000	254.02	0	48.826551	-86.937601	56035.86	56256.6	-6.61	56029.25	56025.66797	56084.64878	56058.85156	504579.9	5408176.4
L4580.1	504579.9	5408174.9	7189.10010	251.48	0	48.826537	-86.937601	56035.28	56256.6	-6.61	56028.67	56025.03906	56084.37692	56058.61719	504579.9	5408174.9

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4580.1	504579.9	5408174.9	7189.20020	251.82	0	48.826537	-86.937601	56034.77	56256.6	-6.61	56028.16	56024.48438	56084.10862	56058.38672	504579.9	5408174.9
L4580.1	504579.9	5408172.5	7189.29981	249.63	0	48.826515	-86.937601	56034.06	56256.6	-6.61	56027.45	56023.73047	56083.86194	56058.17969	504579.9	5408172.5
L4580.1	504579.9	5408171.4	7189.39990	248.29	0	48.826506	-86.937601	56033.61	56256.6	-6.61	56026.99	56023.23047	56083.60697	56057.96484	504579.9	5408171.4
L4580.1	504579.9	5408171.4	7189.50000	247.28	0	48.826506	-86.937601	56033.16	56256.6	-6.62	56026.54	56022.73828	56083.35979	56057.76172	504579.9	5408171.4
L4580.1	504579.9	5408169.5	7189.60010	247.05	0	48.826489	-86.937601	56032.82	56256.6	-6.62	56026.20	56022.35938	56083.11380	56057.56250	504579.9	5408169.5
L4580.1	504579.9	5408168.0	7189.60010	247.05	0	48.826475	-86.937600	56032.52	56256.6	-6.62	56025.90	56022.02344	56082.87373	56057.36719	504579.9	5408168.0
L4580.1	504579.9	5408168.0	7189.70020	248.67	0	48.826475	-86.937600	56032.26	56256.6	-6.62	56025.65	56021.73828	56082.63899	56057.17969	504579.9	5408168.0
L4580.1	504579.9	5408166.2	7189.79981	248.11	0	48.826459	-86.937600	56031.66	56256.6	-6.62	56025.04	56021.09375	56082.43697	56057.02734	504579.9	5408166.2
L4580.1	504579.9	5408164.5	7190.00000	250.82	0	48.826443	-86.937600	56030.95	56256.6	-6.62	56024.33	56020.35156	56082.25040	56056.89453	504579.9	5408164.5
L4580.1	504579.9	5408164.5	7190.10010	250.82	0	48.826443	-86.937600	56030.82	56256.6	-6.62	56024.20	56020.19141	56082.03400	56056.73047	504579.9	5408164.5
L4580.1	504579.9	5408162.8	7190.20020	249.03	0	48.826428	-86.937600	56030.32	56256.6	-6.62	56023.70	56019.66016	56081.85115	56056.60156	504579.9	5408162.8
L4580.1	504579.9	5408161.5	7190.20020	249.03	0	48.826416	-86.937600	56030.07	56256.6	-6.62	56023.45	56019.38672	56081.66058	56056.46875	504579.9	5408161.5
L4580.1	504579.9	5408161.5	7190.39990	248.74	0	48.826416	-86.937600	56029.56	56256.6	-6.62	56022.94	56018.85156	56081.49632	56056.36328	504579.9	5408161.5
L4580.1	504579.9	5408159.3	7190.50000	250.82	0	48.826397	-86.937600	56029.64	56256.6	-6.62	56023.03	56018.91797	56081.30108	56056.22656	504579.9	5408159.3
L4580.1	504579.9	5408157.9	7190.60010	252.54	0	48.826384	-86.937600	56029.08	56256.6	-6.61	56022.46	56018.32813	56081.15889	56056.14844	504579.9	5408157.9
L4580.1	504579.9	5408156.4	7190.70020	252.42	0	48.826371	-86.937600	56029.16	56256.6	-6.61	56022.55	56018.39844	56080.98180	56056.03516	504579.9	5408156.4
L4580.1	504579.9	5408156.4	7190.70020	252.42	0	48.826371	-86.937600	56028.75	56256.6	-6.61	56022.14	56017.97266	56080.84715	56055.96875	504579.9	5408156.4
L4580.1	504579.9	5408154.5	7190.89990	248.45	0	48.826353	-86.937600	56028.68	56256.6	-6.61	56022.06	56017.87891	56080.69964	56055.89063	504579.9	5408154.5
L4580.1	504579.9	5408153.0	7191.00000	249.11	0	48.826340	-86.937600	56028.34	56256.6	-6.61	56021.73	56017.53516	56080.57796	56055.83984	504579.9	5408153.0
L4580.1	504579.9	5408153.0	7191.10010	249.76	0	48.826340	-86.937600	56028.04	56256.6	-6.61	56021.43	56017.22656	56080.46344	56055.79688	504579.9	5408153.0
L4580.1	504579.9	5408151.4	7191.20020	253.00	0	48.826326	-86.937600	56028.12	56256.6	-6.61	56021.51	56017.30078	56080.33278	56055.74219	504579.9	5408151.4
L4580.1	504579.9	5408149.6	7191.29981	255.28	0	48.826310	-86.937600	56027.89	56256.6	-6.62	56021.28	56017.06641	56080.23196	56055.71484	504579.9	5408149.6
L4580.1	504580.0	5408148.3	7191.39990	256.21	0	48.826298	-86.937600	56027.94	56256.6	-6.62	56021.32	56017.10156	56080.12234	56055.68750	504580.0	5408148.3
L4580.1	504580.0	5408146.8	7191.50000	255.62	0	48.826284	-86.937600	56027.87	56256.6	-6.62	56021.25	56017.03125	56080.02923	56055.67578	504580.0	5408146.8
L4580.1	504580.0	5408146.8	7191.60010	255.45	0	48.826284	-86.937600	56028.07	56256.6	-6.62	56021.44	56017.22266	56079.92796	56055.65625	504580.0	5408146.8
L4580.1	504580.0	5408144.9	7191.70020	255.55	0	48.826267	-86.937599	56027.89	56256.6	-6.62	56021.27	56017.05859	56079.85985	56055.67578	504580.0	5408144.9
L4580.1	504580.0	5408144.9	7191.79981	256.31	0	48.826267	-86.937599	56027.86	56256.6	-6.63	56021.24	56017.03516	56079.79156	56055.69531	504580.0	5408144.9
L4580.1	504580.0	5408143.5	7191.89990	254.74	0	48.826254	-86.937599	56027.74	56256.6	-6.63	56021.11	56016.91406	56079.73906	56055.73047	504580.0	5408143.5
L4580.1	504580.0	5408142.0	7192.00000	254.84	0	48.826241	-86.937599	56027.71	56256.6	-6.63	56021.08	56016.89453	56079.68898	56055.77344	504580.0	5408142.0
L4580.1	504580.0	5408140.6	7192.10010	255.49	0	48.826228	-86.937599	56027.94	56256.6	-6.63	56021.31	56017.14063	56079.63064	56055.80859	504580.0	5408140.6
L4580.1	504580.0	5408140.6	7192.20020	256.03	0	48.826228	-86.937599	56028.22	56256.6	-6.63	56021.59	56017.43750	56079.57799	56055.85547	504580.0	5408140.6
L4580.1	504580.0	5408138.9	7192.29981	255.84	0	48.826213	-86.937599	56028.29	56256.6	-6.63	56021.66	56017.52734	56079.54833	56055.92188	504580.0	5408138.9
L4580.1	504580.0	5408137.5	7192.39990	256.92	0	48.826200	-86.937599	56028.32	56256.6	-6.63	56021.69	56017.57813	56079.53028	56056.00781	504580.0	5408137.5
L4580.1	504580.0	5408137.5	7192.50000	258.40	0	48.826200	-86.937599	56028.70	56256.6	-6.63	56022.07	56017.98438	56079.49779	56056.07813	504580.0	5408137.5
L4580.1	504580.0	5408135.7	7192.60010	258.84	0	48.826185	-86.937599	56028.98	56256.6	-6.63	56022.35	56018.28906	56079.48081	56056.16797	504580.0	5408135.7
L4580.1	504580.0	5408134.0	7192.70020	257.61	0	48.826169	-86.937599	56029.08	56256.6	-6.63	56022.45	56018.41797	56079.48462	56056.28125	504580.0	5408134.0
L4580.1	504580.0	5408132.8	7192.70020	257.61	0	48.826158	-86.937599	56029.31	56256.6	-6.63	56022.68	56018.68359	56079.48848	56056.39453	504580.0	5408132.8
L4580.1	504580.0	5408132.8	7192.89990	258.69	0	48.826158	-86.937599	56029.54	56256.6	-6.63	56022.91	56018.94922	56079.44599	56056.46484	504580.0	5408132.8
L4580.1	504580.1	5408131.4	7193.00000	260.05	0	48.826146	-86.937599	56029.84	56256.6	-6.63	56023.21	56019.28516	56079.22228	56056.35547	504580.1	5408131.4
L4580.1	504580.1	5408131.4	7193.10010	261.19	0	48.826146	-86.937599	56030.14	56256.6	-6.63	56023.51	56019.62500	56079.02275	56056.27734	504580.1	5408131.4
L4580.1	504580.1	5408130.2	7193.20020	258.18	0	48.826135	-86.937599	56030.54	56256.6	-6.63	56023.91	56020.06641	56078.84327	56056.21484	504580.1	5408130.2
L4580.1	504580.1	5408128.7	7193.29981	256.96	0	48.826122	-86.937599	56030.70	56256.6	-6.63	56024.07	56020.27344	56078.70297	56056.19922	504580.1	5408128.7
L4580.1	504580.1	5408127.2	7193.39990	254.99	0	48.826108	-86.937598	56030.98	56256.6	-6.63	56024.35	56020.60156	56078.58598	56056.20703	504580.1	5408127.2
L4580.1	504580.1	5408127.2	7193.50000	256.04	0	48.826108	-86.937598	56031.48	56256.6	-6.63	56024.85	56021.15234	56078.49264	56056.24219	504580.1	5408127.2
L4580.1	504580.1	5408125.7	7193.60010	255.87	0	48.826095	-86.937598	56031.89	56256.6	-6.63	56025.26	56021.61719	56078.44031	56056.31641	504580.1	5408125.7
L4580.1	504580.1	5408124.1	7193.70020	257.87	0	48.826080	-86.937598	56032.50	56256.6	-6.63	56025.87	56022.28125	56078.41735	56056.42578	504580.1	5408124.1
L4580.1	504580.1	5408122.4	7193.79981	260.17	0	48.826065	-86.937598	56033.20	56256.6	-6.63	56026.57	56023.04297	56078.42895	56056.57422	504580.1	5408122.4
L4580.1	504580.1	5408120.8	7193.89990	262.53	0	48.826051	-86.937598	56033.50	56256.6	-6.63	56026.87	56023.40234	56078.49256	56056.77344	504580.1	5408120.8
L4580.1	504580.1	5408120.8	7194.00000	264.54	0	48.826051	-86.937598	56033.96	56256.6	-6.63	56027.33	56023.92578	56078.58684	56057.00391	504580.1	5408120.8
L4580.1	504580.1	5408119.2	7194.10010	262.83	0	48.826036	-86.937598	56034.46	56256.6	-6.63	56027.83	56024.49609	56078.71318	56057.27344	504580.1	5408119.2
L4580.1	504580.1	5408117.8	7194.20020	259.37	0	48.826024	-86.937598	56034.92	56256.6	-6.63	56028.29	56025.02344	56078.87121	56057.57422	504580.1	5408117.8
L4580.1	504580.1	5408117.8	7194.29981	256.87	0	48.826024	-86.937598	56035.25	56256.6	-6.63	56028.62	56025.42578	56079.06195	56057.91016	504580.1	5408117.8
L4580.1	504580.1	5408116.3	7194.39990	256.86	0	48.826010	-86.937599	56035.78	56256.6	-6.63	56029.15	56026.03125	56079.27050	56058.26563	504580.1	5408116.3
L4580.1	504580.1	5408114.5	7194.50000	256.96	0	48.825994	-86.937599	56036.34	56256.6	-6.63	56029.71	56026.66797	56079.50125	56058.64844	504580.1	5408114.5
L4580.1	504580.1	5408114.5	7194.60010	260.12	0	48.825994	-86.937599	56036.84	56256.6	-6.63	56030.21	56027.24609	56079.75547	56059.05469	504580.1	5408114.5
L4580.1	504580.0	5408112.8	7194.70020	259.71	0	48.825979	-86.937599	56037.53	56256.6	-6.63	56030.90	56028.01953	56080.01833	56059.46875	504580.0	5408112.8
L4580.1	504580.0	5408111.3	7194.70020	259.71	0	48.825964	-86.937599	56038.11	56256.6	-6.63	56031.48	56028.68359	56080.30114	56059.91016	504580.0	5408111.3
L4580.1	504580.0	5408109.8	7194.89990	262.53	0	48.825952	-86.937599	56038.82	56256.6	-6.63	56032.19	56029.48047	56080.58912	56060.35547	504580.0	5408109.8
L4580.1	504580.0	5408109.8	7195.00000	263.06	0	48.825952	-86.937599	56039.22	56256.6	-6.63	56032.59	56029.97266	56080.90516	56060.83203	504580.0	5408109.8
L4580.1	504580.0	5408107.9	7195.10010	262.92	0	48.825934	-86.937600	56039.96	56256.6	-6.63	56033.33	56030.80469	56081.21003	56061.29688	504580.0	5408107.9
L4580.1	504580.0	5408106.0	7195.20020	258.38	0	48.825917	-86.937600	56040.48	56256.6	-6.63	56033.85	56031.41797	56081.53527	56061.78516	504580.0	5408106.0
L4580.1	504580.0	5408104.2	7195.29981	255.64	0	48.825901	-86.937600	56040.99	56256.6	-6.63	56034.36	56032.02344	56081.76778	56062.18359	504580.0	5408104.2
L4580.1	504580.0	5408104.2	7195.39990	252.76	0	48.825901	-86.937600	56041.70	56256.6	-6.63	56035.07	56032.83594	56081.93310	56062.51563	504580.0	5408104.2
L4580.1	504580.0	5408102.7	7195.50000	249.75	0	48.825887	-86.937600	56042.21	56256.6	-6.63	56035.57	56033.43359	56082.11823	56062.87109	504580.0	5408102.7
L4580.1	504579.9	5408101.3	7195.60010	250.36	0	48.825875	-86.937601	56043.07	56256.6	-6.64	56036.43	56034.39844	56082.28502	56063.21094	504579.9	5408101.3
L4580.1	504579.9	5408100.0	7195.70020	251.48	0	48.825864	-86.937601	56043.93	56256.6	-6.64	56037.29	56035.36719	56082.45734	56063.55469	504579.9	5408100.0
L4580.1	504579.9	5408098.3	7195.79981	253.35	0	48.825848	-86.937601	56044.84	56256.6	-6.64	56038.20	56036.38281	56082.63172	56063.90234	504579.9	5408098.3
L4580.1	504579.9	5408098.3	7195.89990	255.45	0	48.825848	-86.937601	56045.55	56256.6	-6.64	56038.91	56037.20313	56082.82467	56064.27344	504579.9	5408098.3
L4580.1	504579.9	5408096.4	7196.00000	257.48	0	48.825831	-86.937601	56046.13	56256.6	-6.64	56039.49	56037.89453	56083.03139	56064.65625	504579.9	5408096.4
L4580.1	504579.9	5408095.1	7196.10010	257.70	0	48.825819	-86.937601	56047.04	56256.6	-6.64	56040.40	56038.92188	56083.22106	56065.02734	504579.9	5408095.1
L4580.1	504579.9	5408093.3	7196.20020	255.76	0	48.825803	-86.937602	56047.60	56256.6	-6.64	56040.96	56039.59766	56083.43887	56065.42578	504579.9	5408093.3
L4580.1	504579.9	5408093.3	7196.29981	255.82	0	48.825803	-86.937602	56048.23	56256.6	-6.64	56041.59	56040.34766	56083.65668	56065.82422	504579.9	5408093.3
L4580.1	504579.9	5408092.0	7196.39990	256.07	0	48.825791	-86.937602	56048.78	56256.6	-6.64	56042.14	56041.01563	56083.88435	56066.23438	504579.9	5408092.0
L4580.1	504579.9	5408090.3	7196.50000	257.30	0	48.825776	-86.937602	56049.87	56256.6	-6.64	56043.23	56042.23047	56084.08038	56066.61719	504579.9	5408090.3
L4580.1	504579.9	5408090.3	7196.60010	258.97	0	48.825776	-86.937602	56050.58	56256.6	-6.64	56043.94	56043.06250	56084.30598	56067.02734	504579.9	5408090.3
L4580.1	504579.9	5408088.2	7196.70020	257.94	0	48.825757	-86.937602	56051.44	56256.6	-6.64	56044.80	56044.05078	56084.52566	56067.43359	504579.9	5408088.2
L4580.1	504579.8	5408086.9	7196.70020	257.94	0	48.825746	-86.937602	56052.09	56256.6	-6.64	56045.45	56044.82813	56084.76327	56067.85938	504579.8	5408086.9
L4580.1	504579.8	5408086.9	7196.89990	256.21	0	48.825746	-86.937602	56052.88	56256.6	-6.64	56046.24	56045.74609	56084.99535	56068.28125	504579.8	5408086.9
L4580.1	504579.8	5408085.3	7197.00000	254.58	0	48.825731	-86.937602	56053.82	56256.6	-6.64	56047.18	56046.81641	56085.22106	56068.69922	504579.8	5408085.3
L4580.1	504579.8	5408083.1	7197.10010	254.73	0	48.825711	-86.937602	56054.63	56256.6	-6.64	56047.99	56047.76172	56085.45895	56069.12891	504579.8	5408083.1
L4580.1	504579.8	5408083.1	7197.20020	255.33	0	48.825711	-86.937602	56055.51	56256.6	-6.64	56048.87	56048.77344	56085.69553	56069.55859	504579.8	5408083.1
L4580.1	504579.8	5408081.5	7197.29981	255.96	0	48.825697	-86.937603	56056.20	56256.6	-6.64	56049.56	56049.60156	56085.94799	56070.00391	504579.8	5408081.5
L4580.1	504579.8	5408080.0	7197.39990	253.85	0	48.825684	-86.937603	56056.90	56256.6	-6.64	56050.26	56050.43750	56086.20287	56070.45313	504579.8	5408080.0
L4580.1	504579.8	5408080.0	7197.50000	253.86	0	48.825684	-86.937603	56057.54	56256.6	-6.64	56050.90	56051.21484	56086.46467	56070.91016	504579.8	5408080.0
L4580.1	504579.7	5408078.4	7197.60010	253.81	0	48.825669	-86.937604	56058.54	56256.6	-6.64	56051.90	56052.35547	56086.70528	56071.34766	504579.7	5408078.4
L4580.1	504579.7	5408077.1	7197.70020	253.60	0	48.825657	-86.937604	56059.16	56256.6	-6.64	56052.52	56053.11719	56086.97387	56071.81250	504579.7	5408077.1
L4580.1	504579.7	5408075.4	7197.79981	252.34	0	48.825642	-86.937604	56060.09	56256.6	-6.64	56053.45	56054.19141	56087.22432	56072.25781	504579.7	5408075.4
L4580.1	504579.7	5408075.4	7197.89990	252.46	0	48.825642	-86.937604	56060.74	56256.6	-6.64	56054.10	56054.98438	56087.49582	56072.73047	504579.7	5408075.4
L4580.1	504579.6	5408073.1	7198.00000	251.21	0	48.825621	-86.937605	56061.64	56256.6	-6.64	56055.00	56056.02734	56087.75292	56073.18359	504579.6	5408073.1
L4580.1	504579.6	5408073.1	7198.10010	251.53	0	48.825621	-86.937605	56062.46	56256.6	-6.64	56055.82	56056.99219	56088.01746	56073.64844	504579.6	5408073.1
L4580.1	504579.6	5408071.6	7198.20020	253.06	0	48.825607	-86.937605	56063.18	56256.6	-6.64	56056.54	56057.85938	56088.29067	56074.12109	504579.6	5408071.6
L4580.1	504579.6	5408071.6	7198.29981	254.74	0	48.825607	-86.937605	56064.08	56256.6	-6.65	56057.44	56058.90625	56088.55374	56074.58594	504579.6	5408071.6
L4580.1	504579.6	5408070.1	7198.39990	254.05	0	48.825594	-86.937605	56064.72	56256.6	-6.65	56058.07	56059.68750	56088.83655	56075.07031	504579.6	5408070.1

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4580.1	504579.6	5408068.3	7198.50000	258.09	0	48.825578	-86.937605	56065.61	56256.7	-6.65	56058.96	56060.72656	56089.10364	56075.53906	504579.6	5408068.3
L4580.1	504579.6	5408067.1	7198.60010	257.23	0	48.825567	-86.937606	56066.26	56256.7	-6.65	56059.61	56061.52344	56089.38822	56076.02344	504579.6	5408067.1
L4580.1	504579.6	5408067.1	7198.70020	257.28	0	48.825567	-86.937606	56067.14	56256.7	-6.65	56060.49	56062.55469	56089.52174	56076.35938	504579.6	5408067.1
L4580.1	504579.6	5408065.6	7198.70020	257.28	0	48.825554	-86.937606	56067.86	56256.7	-6.65	56061.20	56063.41797	56089.54116	56076.58203	504579.6	5408065.6
L4580.1	504579.6	5408063.7	7198.89990	258.06	0	48.825537	-86.937606	56068.59	56256.7	-6.66	56061.93	56064.29688	56089.60216	56076.84375	504579.6	5408063.7
L4580.1	504579.6	5408061.9	7199.00000	260.86	0	48.825521	-86.937606	56069.43	56256.7	-6.66	56062.77	56065.28906	56089.71064	56077.15625	504579.6	5408061.9
L4580.1	504579.6	5408061.9	7199.10010	261.16	0	48.825521	-86.937606	56070.11	56256.7	-6.66	56063.46	56066.13281	56089.88388	56077.53125	504579.6	5408061.9
L4580.1	504579.6	5408059.9	7199.20020	261.35	0	48.825503	-86.937606	56070.86	56256.7	-6.65	56064.21	56067.03516	56090.11488	56077.96484	504579.6	5408059.9
L4580.1	504579.6	5408059.9	7199.29981	262.37	0	48.825503	-86.937606	56071.47	56256.7	-6.65	56064.82	56067.79688	56090.41012	56078.46484	504579.6	5408059.9
L4580.1	504579.6	5408058.4	7199.39990	264.84	0	48.825489	-86.937606	56072.33	56256.6	-6.65	56065.68	56068.81250	56090.75926	56079.01563	504579.6	5408058.4
L4580.1	504579.6	5408057.0	7199.50000	265.23	0	48.825477	-86.937606	56073.02	56256.6	-6.65	56066.37	56069.65625	56091.17054	56079.63281	504579.6	5408057.0
L4580.1	504579.6	5408055.1	7199.60010	264.28	0	48.825460	-86.937606	56073.80	56256.6	-6.64	56067.15	56070.58984	56091.63239	56080.29688	504579.6	5408055.1
L4580.1	504579.6	5408055.1	7199.70020	262.85	0	48.825460	-86.937606	56074.54	56256.6	-6.64	56067.90	56071.49219	56092.14402	56081.01172	504579.6	5408055.1
L4580.1	504579.6	5408053.5	7199.79981	261.06	0	48.825445	-86.937606	56075.22	56256.6	-6.64	56068.58	56072.32422	56092.70084	56081.77344	504579.6	5408053.5
L4580.1	504579.6	5408052.0	7199.89990	257.97	0	48.825432	-86.937606	56075.85	56256.6	-6.63	56069.22	56073.11719	56093.09459	56082.36719	504579.6	5408052.0
L4580.1	504579.6	5408052.0	7200.00000	257.63	0	48.825432	-86.937606	56076.61	56256.6	-6.63	56069.98	56074.03125	56093.38111	56082.85938	504579.6	5408052.0
L4580.1	504579.6	5408050.3	7200.10010	256.65	0	48.825416	-86.937606	56077.21	56256.6	-6.63	56070.58	56074.78516	56093.67822	56083.35938	504579.6	5408050.3
L4580.1	504579.6	5408048.6	7200.20020	254.43	0	48.825401	-86.937606	56077.98	56256.6	-6.64	56071.34	56075.69922	56093.96450	56083.84766	504579.6	5408048.6
L4580.1	504579.6	5408048.6	7200.29981	254.76	0	48.825401	-86.937606	56078.75	56256.6	-6.64	56072.11	56076.62109	56094.24987	56084.33594	504579.6	5408048.6
L4580.1	504579.6	5408045.6	7200.39990	251.61	0	48.825374	-86.937606	56079.42	56256.6	-6.65	56072.77	56077.43359	56094.54223	56084.82813	504579.6	5408045.6
L4580.1	504579.6	5408045.6	7200.50000	249.84	0	48.825374	-86.937606	56079.97	56256.6	-6.65	56073.32	56078.13281	56094.84151	56085.32813	504579.6	5408045.6
L4580.1	504579.5	5408043.9	7200.60010	247.79	0	48.825359	-86.937607	56080.68	56256.7	-6.65	56074.02	56078.98438	56095.13031	56085.82031	504579.5	5408043.9
L4580.1	504579.5	5408043.9	7200.70020	248.05	0	48.825359	-86.937607	56081.26	56256.7	-6.66	56074.60	56079.71484	56095.42653	56086.31641	504579.5	5408043.9
L4580.1	504579.5	5408042.6	7200.70020	248.05	0	48.825347	-86.937607	56081.94	56256.7	-6.66	56075.28	56080.54688	56095.71545	56086.80469	504579.5	5408042.6
L4580.1	504579.5	5408040.6	7200.89990	249.07	0	48.825329	-86.937607	56082.58	56256.7	-6.67	56075.91	56081.32422	56096.00698	56087.29688	504579.5	5408040.6
L4580.1	504579.5	5408040.6	7201.00000	249.25	0	48.825329	-86.937607	56083.36	56256.7	-6.67	56076.69	56082.25391	56096.28773	56087.77734	504579.5	5408040.6
L4580.1	504579.5	5408039.2	7201.10010	248.91	0	48.825316	-86.937607	56083.84	56256.7	-6.67	56077.18	56082.89063	56096.58697	56088.27734	504579.5	5408039.2
L4580.1	504579.5	5408037.4	7201.20020	247.79	0	48.825300	-86.937607	56084.45	56256.7	-6.66	56077.78	56083.63672	56096.87795	56088.76953	504579.5	5408037.4
L4580.1	504579.5	5408036.0	7201.29981	246.52	0	48.825287	-86.937608	56085.34	56256.7	-6.66	56078.68	56084.68359	56097.14795	56089.23828	504579.5	5408036.0
L4580.1	504579.5	5408036.0	7201.39990	248.34	0	48.825287	-86.937608	56085.98	56256.7	-6.66	56079.33	56085.48047	56097.43358	56089.71875	504579.5	5408036.0
L4580.1	504579.5	5408034.3	7201.50000	247.03	0	48.825272	-86.937608	56086.78	56256.7	-6.65	56080.12	56086.41406	56097.70877	56090.19141	504579.5	5408034.3
L4580.1	504579.4	5408032.9	7201.60010	246.16	0	48.825259	-86.937608	56087.41	56256.7	-6.65	56080.75	56087.18750	56097.99347	56090.67578	504579.4	5408032.9
L4580.1	504579.4	5408032.9	7201.70020	247.72	0	48.825259	-86.937608	56087.97	56256.6	-6.65	56081.32	56087.89844	56098.28096	56091.16016	504579.4	5408032.9
L4580.1	504579.4	5408031.0	7201.79981	247.73	0	48.825242	-86.937608	56088.42	56256.6	-6.65	56081.77	56088.48828	56098.57518	56091.64844	504579.4	5408031.0
L4580.1	504579.4	5408031.0	7201.89990	248.87	0	48.825242	-86.937608	56088.93	56256.6	-6.64	56082.28	56089.13672	56098.86407	56092.13281	504579.4	5408031.0
L4580.1	504579.4	5408029.3	7202.00000	246.40	0	48.825227	-86.937609	56089.43	56256.6	-6.64	56082.79	56089.78516	56099.15160	56092.61719	504579.4	5408029.3
L4580.1	504579.4	5408027.7	7202.10010	247.51	0	48.825213	-86.937609	56089.99	56256.6	-6.64	56083.35	56090.48438	56099.43438	56093.09375	504579.4	5408027.7
L4580.1	504579.4	5408025.7	7202.20020	248.23	0	48.825195	-86.937609	56090.85	56256.6	-6.64	56084.21	56091.48047	56099.69570	56093.54688	504579.4	5408025.7
L4580.1	504579.4	5408025.7	7202.29981	249.76	0	48.825195	-86.937609	56091.38	56256.6	-6.64	56084.74	56092.14453	56099.97751	56094.02344	504579.4	5408025.7
L4580.1	504579.3	5408024.6	7202.39990	251.58	0	48.825185	-86.937610	56092.02	56256.6	-6.64	56085.38	56092.91797	56100.25044	56094.48828	504579.3	5408024.6
L4580.1	504579.3	5408023.0	7202.50000	253.80	0	48.825171	-86.937610	56092.65	56256.6	-6.63	56086.01	56093.67969	56100.52245	56094.95313	504579.3	5408023.0
L4580.1	504579.3	5408021.2	7202.60010	255.63	0	48.825155	-86.937610	56093.27	56256.6	-6.63	56086.64	56094.43750	56100.79284	56095.41406	504579.3	5408021.2
L4580.1	504579.3	5408021.2	7202.70020	258.40	0	48.825155	-86.937610	56093.76	56256.6	-6.63	56087.13	56095.05469	56101.07089	56095.88281	504579.3	5408021.2
L4580.1	504579.3	5408019.6	7202.70020	258.40	0	48.825140	-86.937610	56094.34	56256.6	-6.63	56087.71	56095.76172	56101.34126	56096.34375	504579.3	5408019.6
L4580.1	504579.3	5408017.8	7202.89990	262.49	0	48.825123	-86.937610	56094.88	56256.6	-6.63	56088.24	56096.41797	56101.61322	56096.80469	504579.3	5408017.8
L4580.1	504579.3	5408017.8	7203.00000	265.76	0	48.825123	-86.937610	56095.18	56256.6	-6.63	56088.55	56096.85156	56101.89810	56097.27734	504579.3	5408017.8
L4580.1	504579.3	5408016.1	7203.10010	267.56	0	48.825108	-86.937611	56095.38	56256.6	-6.63	56088.74	56097.16406	56102.12378	56097.69141	504579.3	5408016.1
L4580.1	504579.3	5408014.3	7203.20020	266.04	0	48.825092	-86.937611	56095.68	56256.6	-6.63	56089.05	56097.59375	56102.23239	56097.98828	504579.3	5408014.3
L4580.1	504579.3	5408014.3	7203.29981	264.73	0	48.825092	-86.937611	56096.52	56256.6	-6.64	56089.88	56098.53906	56102.32804	56098.26953	504579.3	5408014.3
L4580.1	504579.2	5408012.5	7203.39990	260.91	0	48.825076	-86.937611	56096.89	56256.6	-6.64	56090.26	56099.03906	56102.45871	56098.58594	504579.2	5408012.5
L4580.1	504579.2	5408010.5	7203.50000	257.21	0	48.825058	-86.937611	56097.58	56256.6	-6.64	56090.94	56099.83203	56102.60670	56098.91797	504579.2	5408010.5
L4580.1	504579.2	5408010.5	7203.60010	256.69	0	48.825058	-86.937611	56098.01	56256.6	-6.64	56091.37	56100.37500	56102.78837	56099.28516	504579.2	5408010.5
L4580.1	504579.2	5408008.8	7203.70020	254.65	0	48.825043	-86.937611	56098.74	56256.6	-6.64	56092.09	56101.20703	56103.00007	56099.67969	504579.2	5408008.8
L4580.1	504579.2	5408008.8	7203.79981	252.37	0	48.825043	-86.937611	56099.17	56256.6	-6.65	56092.52	56101.74609	56103.24154	56100.10547	504579.2	5408008.8
L4580.1	504579.2	5408006.8	7203.89990	253.14	0	48.825025	-86.937611	56099.33	56256.6	-6.65	56092.68	56102.01172	56103.50876	56100.55469	504579.2	5408006.8
L4580.1	504579.2	5408005.4	7204.00000	252.97	0	48.825012	-86.937611	56099.90	56256.7	-6.65	56093.25	56102.68750	56103.80328	56101.02734	504579.2	5408005.4
L4580.1	504579.2	5408003.8	7204.10010	258.22	0	48.824998	-86.937612	56100.31	56256.7	-6.65	56093.66	56103.19922	56104.11933	56101.52734	504579.2	5408003.8
L4580.1	504579.2	5408003.8	7204.20020	261.27	0	48.824998	-86.937612	56101.04	56256.7	-6.65	56094.39	56104.03125	56104.45162	56102.03906	504579.2	5408003.8
L4580.1	504579.2	5408001.8	7204.29981	264.36	0	48.824980	-86.937612	56101.32	56256.7	-6.65	56094.67	56104.41016	56104.80164	56102.56641	504579.2	5408001.8
L4580.1	504579.2	5408001.8	7204.39990	266.55	0	48.824980	-86.937612	56101.93	56256.7	-6.65	56095.28	56105.11719	56105.15645	56103.10156	504579.2	5408001.8
L4580.1	504579.2	5407999.8	7204.50000	267.99	0	48.824962	-86.937612	56102.28	56256.7	-6.65	56095.63	56105.56250	56105.52273	56103.64453	504579.2	5407999.8
L4580.1	504579.2	5407998.4	7204.60010	266.40	0	48.824949	-86.937612	56102.89	56256.7	-6.65	56096.24	56106.26563	56105.87592	56104.17578	504579.2	5407998.4
L4580.1	504579.2	5407998.4	7204.70020	265.34	0	48.824949	-86.937612	56103.07	56256.7	-6.65	56096.42	56106.53516	56106.24596	56104.72266	504579.2	5407998.4
L4580.1	504579.2	5407996.7	7204.70020	265.34	0	48.824934	-86.937612	56103.60	56256.7	-6.65	56096.95	56107.15234	56106.51010	56105.16406	504579.2	5407996.7
L4580.1	504579.2	5407996.7	7204.89990	259.01	0	48.824934	-86.937612	56104.03	56256.7	-6.65	56097.38	56107.67188	56106.74948	56105.57813	504579.2	5407996.7
L4580.1	504579.2	5407994.9	7205.00000	256.64	0	48.824918	-86.937612	56104.48	56256.7	-6.65	56097.83	56108.20313	56106.98542	56105.98828	504579.2	5407994.9
L4580.1	504579.2	5407993.0	7205.10010	254.80	0	48.824901	-86.937613	56104.73	56256.6	-6.65	56098.09	56108.54688	56107.23190	56106.41016	504579.2	5407993.0
L4580.1	504579.1	5407991.8	7205.20020	254.03	0	48.824890	-86.937613	56104.96	56256.6	-6.65	56098.32	56108.85547	56107.47827	56106.82813	504579.1	5407991.8
L4580.1	504579.1	5407991.8	7205.29981	252.37	0	48.824890	-86.937613	56105.57	56256.6	-6.64	56098.93	56109.54688	56107.69718	56107.21875	504579.1	5407991.8
L4580.1	504579.1	5407989.8	7205.39990	251.93	0	48.824872	-86.937613	56105.88	56256.6	-6.64	56099.23	56109.92188	56107.93462	56107.62891	504579.1	5407989.8
L4580.1	504579.1	5407988.4	7205.50000	249.14	0	48.824859	-86.937613	56106.47	56256.6	-6.64	56099.83	56110.59375	56108.14993	56108.01563	504579.1	5407988.4
L4580.1	504579.1	5407986.8	7205.60010	248.16	0	48.824845	-86.937613	56106.71	56256.6	-6.64	56100.08	56110.91797	56108.38643	56108.42188	504579.1	5407986.8
L4580.1	504579.1	5407986.8	7205.70020	250.05	0	48.824845	-86.937613	56107.35	56256.6	-6.64	56100.71	56111.61719	56108.59547	56108.80078	504579.1	5407986.8
L4580.1	504579.1	5407984.9	7205.79981	247.35	0	48.824828	-86.937613	56107.74	56256.6	-6.63	56101.11	56112.08203	56108.81769	56109.19141	504579.1	5407984.9
L4580.1	504579.1	5407983.5	7205.89990	247.35	0	48.824815	-86.937613	56108.02	56256.6	-6.63	56101.39	56112.42578	56109.04578	56109.58984	504579.1	5407983.5
L4580.1	504579.1	5407983.5	7206.00000	249.59	0	48.824815	-86.937613	56108.45	56256.6	-6.63	56101.82	56112.92188	56109.26172	56109.97266	504579.1	5407983.5
L4580.1	504579.1	5407982.0	7206.10010	248.74	0	48.824802	-86.937613	56108.88	56256.6	-6.63	56102.26	56113.42188	56109.47486	56110.35547	504579.1	5407982.0
L4580.1	504579.1	5407980.5	7206.20020	248.23	0	48.824788	-86.937613	56109.09	56256.6	-6.62	56102.46	56113.67969	56109.70186	56110.74609	504579.1	5407980.5
L4580.1	504579.1	5407980.5	7206.29981	248.99	0	48.824788	-86.937613	56109.59	56256.6	-6.62	56102.97	56114.24609	56109.90605	56111.11719	504579.1	5407980.5
L4580.1	504579.1	5407978.3	7206.39990	252.08	0	48.824769	-86.937613	56109.79	56256.6	-6.62	56103.17	56114.50000	56110.12879	56111.50781	504579.1	5407978.3
L4580.1	504579.1	5407976.9	7206.50000	250.15	0	48.824756	-86.937614	56110.07	56256.6	-6.61	56103.45	56114.83203	56110.34406	56111.88672	504579.1	5407976.9
L4580.1	504579.1	5407974.9	7206.60010	251.79	0	48.824738	-86.937614	56110.38	56256.6	-6.61	56103.77	56115.20313	56110.55453	56112.26172	504579.1	5407974.9
L4580.1	504579.1	5407974.9	7206.70020	253.09	0	48.824738	-86.937614	56110.70	56256.6	-6.61	56104.09	56115.57031	56110.76289	56112.63281	504579.1	5407974.9
L4580.1	504579.1	5407973.5	7206.70020	253.09	0	48.824725	-86.937614	56111.06	56256.6	-6.61	56104.45	56115.97266	56110.96648	56113.00000	504579.1	5407973.5
L4580.1	504579.1	5407972.1	7206.89990	253.09	0	48.824712	-86.937614	56111.29	56256.6	-6.60	56104.68	56116.24609	56111.17662	56113.37109	504579.1	5407972.1
L4580.1	504579.1	5407972.1	7207.00000	252.11	0	48.824712	-86.937614	56111.64	56256.6	-6.60	56105.04	56116.64844	56111.37599	56113.73438	504579.1	5407972.1
L4580.1	504579.1	5407970.6	7207.10010	250.98	0	48.824699	-86.937614	56112.10	56256.6	-6.60	56105.50	56117.14844	56111.56661	56114.08594	504579.1	5407970.6
L4580.1	504579.1	5407968.8	7207.20020	249.73	0	48.824683	-86.937614	56112.36	56256.6	-6.60	56105.75	56117.43750	56111.76914	56114.44922	504579.1	5407968.8
L4580.1	504579.1	5407967.1	7207.29981	251.70	0	48.824668	-86.937614	56112.63	56256.6	-6.61	56106.02	56117.74219	56111.96827	56114.80859	504579.1	5407967.1
L4580.1	504579.1	5407967.1	7207.39990	250.83	0	48.824668	-86.937614	56112.94	56256.6	-6.61	56106.33	56118.08203	56112.16267	56115.16016	504579.1	5407967.1
L4580.1	504579.1	5407965.2	7207.50000	250.78	0	48.824650	-86.937613	56113.31	56256.6	-6.61	56106.70	56118.48438	56112.35101	56115.50781	504579.1	5407965.2
L4580.1	504579.1	5407965.2	7207.60010	250.87	0	48.824650	-86.937613	56113.62	56256.6	-6.61	56107.00	56118.81250	56112.54198	56115.85938	504579.1	5407965.2
L4580.1	504579.1	5407963.9	7207.70020	253.20	0	48.824639	-86.937613	56113.92	56256.6	-6.61	56107.31	56119.14844	56112.73025	56116.20313	504579.1	5407963.9

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4580.1	504579.1	5407962.5	7207.79981	256.38	0	48.824626	-86.937613	56114.17	56256.6	-6.62	56107.56	56119.42578	56112.92050	56116.55078	504579.1	5407962.5
L4580.1	504579.1	5407961.0	7207.89990	256.72	0	48.824613	-86.937613	56114.53	56256.6	-6.62	56107.91	56119.79688	56113.10207	56116.89063	504579.1	5407961.0
L4580.1	504579.1	5407961.0	7208.00000	257.02	0	48.824613	-86.937613	56114.82	56256.6	-6.62	56108.20	56120.10938	56113.28565	56117.23047	504579.1	5407961.0
L4580.1	504579.1	5407959.1	7208.10010	260.80	0	48.824596	-86.937613	56115.08	56256.6	-6.62	56108.46	56120.38672	56113.46924	56117.57031	504579.1	5407959.1
L4580.1	504579.1	5407957.4	7208.20020	261.46	0	48.824581	-86.937613	56115.34	56256.6	-6.62	56108.72	56120.66406	56113.65087	56117.90625	504579.1	5407957.4
L4580.1	504579.1	5407957.4	7208.29981	259.42	0	48.824581	-86.937613	56115.68	56256.6	-6.62	56109.07	56121.03125	56113.82455	56118.23438	504579.1	5407957.4
L4580.1	504579.1	5407956.3	7208.39990	260.30	0	48.824570	-86.937613	56115.90	56256.6	-6.62	56109.28	56121.25391	56114.00561	56118.57031	504579.1	5407956.3
L4580.1	504579.1	5407954.5	7208.50000	259.94	0	48.824555	-86.937613	56116.09	56256.6	-6.62	56109.47	56121.45703	56114.18609	56118.90234	504579.1	5407954.5
L4580.1	504579.1	5407952.8	7208.60010	256.46	0	48.824540	-86.937613	56116.34	56256.6	-6.61	56109.73	56121.72656	56114.34235	56119.21094	504579.1	5407952.8
L4580.1	504579.1	5407952.8	7208.70020	259.20	0	48.824540	-86.937613	56116.38	56256.6	-6.61	56109.77	56121.77344	56114.50986	56119.53125	504579.1	5407952.8
L4580.1	504579.1	5407951.0	7208.70020	259.20	0	48.824523	-86.937613	56116.52	56256.6	-6.61	56109.91	56121.91797	56114.67420	56119.84766	504579.1	5407951.0
L4580.1	504579.1	5407951.0	7208.89990	260.07	0	48.824523	-86.937613	56116.85	56256.6	-6.61	56110.24	56122.25391	56114.83149	56120.15625	504579.1	5407951.0
L4580.1	504579.1	5407947.8	7209.00000	261.31	0	48.824495	-86.937613	56117.23	56256.6	-6.61	56110.62	56122.63672	56114.98976	56120.46875	504579.1	5407947.8
L4580.1	504579.1	5407947.8	7209.10010	257.81	0	48.824495	-86.937613	56117.48	56256.6	-6.61	56110.87	56122.88672	56115.15767	56120.78516	504579.1	5407947.8
L4580.1	504579.1	5407945.6	7209.20020	256.35	0	48.824474	-86.937613	56117.84	56256.6	-6.61	56111.23	56123.24609	56115.32192	56121.09766	504579.1	5407945.6
L4580.1	504579.1	5407945.6	7209.29981	254.55	0	48.824474	-86.937613	56118.24	56256.6	-6.61	56111.63	56123.64453	56115.48507	56121.41016	504579.1	5407945.6
L4580.1	504579.1	5407943.8	7209.39990	254.72	0	48.824458	-86.937613	56118.38	56256.6	-6.61	56111.77	56123.78125	56115.66398	56121.73828	504579.1	5407943.8
L4580.1	504579.2	5407942.3	7209.50000	257.21	0	48.824445	-86.937613	56118.45	56256.6	-6.60	56111.84	56123.84375	56115.84869	56122.07031	504579.2	5407942.3
L4580.1	504579.2	5407942.3	7209.60010	258.56	0	48.824445	-86.937613	56118.72	56256.6	-6.60	56112.11	56124.10938	56116.01207	56122.38281	504579.2	5407942.3
L4580.1	504579.2	5407940.4	7209.70020	256.60	0	48.824428	-86.937613	56118.90	56256.6	-6.60	56112.29	56124.27734	56116.17136	56122.69141	504579.2	5407940.4
L4580.1	504579.2	5407940.4	7209.79981	257.24	0	48.824428	-86.937613	56119.11	56256.6	-6.60	56112.51	56124.48828	56116.32627	56122.99219	504579.2	5407940.4
L4580.1	504579.2	5407938.9	7209.89990	256.91	0	48.824414	-86.937613	56119.33	56256.6	-6.60	56112.73	56124.69531	56116.47948	56123.28906	504579.2	5407938.9
L4580.1	504579.2	5407937.6	7210.00000	257.45	0	48.824402	-86.937613	56119.58	56256.6	-6.60	56112.98	56124.93359	56116.62902	56123.58594	504579.2	5407937.6
L4580.1	504579.2	5407935.9	7210.10010	259.13	0	48.824387	-86.937613	56119.68	56256.6	-6.60	56113.09	56125.03125	56116.78624	56123.88672	504579.2	5407935.9
L4580.1	504579.2	5407935.9	7210.20020	258.38	0	48.824387	-86.937613	56119.96	56256.6	-6.60	56113.36	56125.28516	56116.93115	56124.17578	504579.2	5407935.9
L4580.1	504579.2	5407934.5	7210.29981	256.24	0	48.824374	-86.937613	56120.24	56256.6	-6.60	56113.65	56125.55859	56117.07310	56124.46484	504579.2	5407934.5
L4580.1	504579.2	5407933.1	7210.39990	255.95	0	48.824362	-86.937613	56120.42	56256.6	-6.60	56113.82	56125.70703	56117.22145	56124.75391	504579.2	5407933.1
L4580.1	504579.2	5407931.6	7210.50000	255.98	0	48.824348	-86.937613	56120.75	56256.6	-6.60	56114.15	56126.01953	56117.35755	56125.03516	504579.2	5407931.6
L4580.1	504579.2	5407931.6	7210.60010	255.39	0	48.824348	-86.937613	56121.04	56256.6	-6.59	56114.45	56126.29688	56117.49407	56125.31250	504579.2	5407931.6
L4580.1	504579.2	5407929.4	7210.70020	254.99	0	48.824328	-86.937613	56121.16	56256.6	-6.59	56114.57	56126.39453	56117.64105	56125.60156	504579.2	5407929.4
L4580.1	504579.2	5407928.0	7210.70020	254.99	0	48.824316	-86.937613	56121.11	56256.6	-6.59	56114.51	56126.31250	56117.79849	56125.89844	504579.2	5407928.0
L4580.1	504579.2	5407928.0	7210.89990	251.02	0	48.824316	-86.937613	56121.30	56256.6	-6.59	56114.71	56126.48828	56117.93708	56126.17969	504579.2	5407928.0
L4580.1	504579.2	5407926.3	7211.00000	251.87	0	48.824301	-86.937612	56121.54	56256.6	-6.59	56114.95	56126.70313	56118.07151	56126.45313	504579.2	5407926.3
L4580.1	504579.2	5407924.9	7211.10010	252.12	0	48.824288	-86.937612	56121.86	56256.6	-6.59	56115.27	56126.99609	56118.19912	56126.71875	504579.2	5407924.9
L4580.1	504579.2	5407924.9	7211.20020	252.54	0	48.824288	-86.937612	56122.09	56256.6	-6.59	56115.50	56127.19531	56118.33126	56126.99219	504579.2	5407924.9
L4580.1	504579.2	5407923.2	7211.29981	253.28	0	48.824273	-86.937612	56122.09	56256.6	-6.58	56115.51	56127.17969	56118.47662	56127.27344	504579.2	5407923.2
L4580.1	504579.2	5407921.3	7211.39990	252.11	0	48.824256	-86.937612	56122.21	56256.6	-6.58	56115.63	56127.26953	56118.61322	56127.55078	504579.2	5407921.3
L4580.1	504579.2	5407921.3	7211.50000	251.90	0	48.824256	-86.937612	56122.44	56256.6	-6.58	56115.86	56127.46875	56118.74106	56127.81250	504579.2	5407921.3
L4580.1	504579.2	5407919.7	7211.60010	253.43	0	48.824242	-86.937612	56122.70	56256.6	-6.58	56116.12	56127.69531	56118.86551	56128.07422	504579.2	5407919.7
L4580.1	504579.2	5407918.4	7211.70020	254.37	0	48.824229	-86.937612	56122.92	56256.6	-6.58	56116.35	56127.89453	56118.99057	56128.33594	504579.2	5407918.4
L4580.1	504579.2	5407918.4	7211.79981	254.65	0	48.824229	-86.937612	56123.13	56256.6	-6.57	56116.56	56128.07031	56119.11559	56128.59766	504579.2	5407918.4
L4580.1	504579.2	5407917.0	7211.89990	255.44	0	48.824217	-86.937612	56123.05	56256.6	-6.57	56116.48	56127.95703	56119.25859	56128.87500	504579.2	5407917.0
L4580.1	504579.2	5407915.7	7212.00000	254.93	0	48.824205	-86.937612	56123.25	56256.6	-6.57	56116.68	56128.12109	56119.38158	56129.13281	504579.2	5407915.7
L4580.1	504579.3	5407914.1	7212.10010	254.55	0	48.824191	-86.937612	56123.38	56256.6	-6.57	56116.81	56128.21484	56119.50792	56129.39063	504579.3	5407914.1
L4580.1	504579.3	5407914.1	7212.20020	254.02	0	48.824191	-86.937612	56123.81	56256.6	-6.57	56117.23	56128.59766	56119.61360	56129.62891	504579.3	5407914.1
L4580.1	504579.3	5407912.4	7212.29981	254.42	0	48.824176	-86.937612	56123.94	56256.6	-6.58	56117.36	56128.69141	56119.73732	56129.88672	504579.3	5407912.4
L4580.1	504579.3	5407911.1	7212.39990	253.82	0	48.824164	-86.937612	56124.18	56256.6	-6.58	56117.61	56128.90234	56119.85174	56130.12891	504579.3	5407911.1
L4580.1	504579.3	5407909.4	7212.50000	251.25	0	48.824149	-86.937612	56124.32	56256.6	-6.58	56117.74	56128.99219	56119.97290	56130.38281	504579.3	5407909.4
L4580.1	504579.3	5407909.4	7212.60010	249.97	0	48.824149	-86.937612	56124.59	56256.6	-6.58	56118.00	56129.21484	56120.08411	56130.62500	504579.3	5407909.4
L4580.1	504579.3	5407907.9	7212.70020	251.21	0	48.824135	-86.937612	56124.77	56256.6	-6.58	56118.19	56129.36328	56120.19874	56130.86719	504579.3	5407907.9
L4580.1	504579.3	5407906.3	7212.70020	251.21	0	48.824121	-86.937612	56124.94	56256.6	-6.58	56118.36	56129.49219	56120.31346	56131.10938	504579.3	5407906.3
L4580.1	504579.3	5407906.3	7212.89990	248.84	0	48.824121	-86.937612	56124.96	56256.6	-6.59	56118.38	56129.47266	56120.43695	56131.36328	504579.3	5407906.3
L4580.1	504579.3	5407905.0	7213.00000	249.47	0	48.824109	-86.937612	56124.98	56256.6	-6.59	56118.39	56129.44141	56120.55987	56131.61328	504579.3	5407905.0
L4580.1	504579.3	5407903.5	7213.10010	252.32	0	48.824096	-86.937612	56125.27	56256.6	-6.59	56118.68	56129.69141	56120.66292	56131.84375	504579.3	5407903.5
L4580.1	504579.3	5407903.5	7213.20020	250.65	0	48.824096	-86.937612	56125.53	56256.6	-6.59	56118.94	56129.90625	56120.76675	56132.07422	504579.3	5407903.5
L4580.1	504579.3	5407902.1	7213.29981	254.03	0	48.824083	-86.937612	56125.78	56256.6	-6.59	56119.19	56130.11328	56120.87005	56132.30078	504579.3	5407902.1
L4580.1	504579.3	5407900.7	7213.39990	254.70	0	48.824071	-86.937612	56125.88	56256.6	-6.59	56119.29	56130.17188	56120.98215	56132.53906	504579.3	5407900.7
L4580.1	504579.3	5407899.3	7213.50000	255.49	0	48.824058	-86.937612	56126.01	56256.6	-6.59	56119.42	56130.25781	56121.09107	56132.76953	504579.3	5407899.3
L4580.1	504579.3	5407899.3	7213.60010	254.67	0	48.824058	-86.937612	56126.19	56256.6	-6.59	56119.60	56130.39453	56121.19547	56132.99609	504579.3	5407899.3
L4580.1	504579.3	5407898.1	7213.70020	255.24	0	48.824047	-86.937611	56126.43	56256.6	-6.59	56119.84	56130.58984	56121.29469	56133.21875	504579.3	5407898.1
L4580.1	504579.3	5407896.6	7213.79981	256.74	0	48.824033	-86.937611	56126.82	56256.6	-6.59	56120.23	56130.93750	56121.38274	56133.42969	504579.3	5407896.6
L4580.1	504579.3	5407896.6	7213.89990	259.20	0	48.824033	-86.937611	56126.70	56256.6	-6.59	56120.11	56130.77344	56121.50362	56133.67188	504579.3	5407896.6
L4580.1	504579.4	5407895.4	7214.00000	259.18	0	48.824022	-86.937611	56126.84	56256.6	-6.59	56120.25	56130.86719	56121.60600	56133.89453	504579.4	5407895.4
L4580.1	504579.4	5407893.9	7214.10010	259.45	0	48.824009	-86.937611	56126.85	56256.6	-6.59	56120.26	56130.83203	56121.71589	56134.12109	504579.4	5407893.9
L4580.1	504579.4	5407892.2	7214.20020	257.87	0	48.823994	-86.937611	56127.34	56256.6	-6.58	56120.76	56131.28906	56121.79195	56134.31641	504579.4	5407892.2
L4580.1	504579.4	5407892.2	7214.29981	256.20	0	48.823994	-86.937611	56127.71	56256.6	-6.58	56121.13	56131.61328	56121.87551	56134.51953	504579.4	5407892.2
L4580.1	504579.4	5407891.0	7214.39990	258.29	0	48.823983	-86.937611	56127.68	56256.6	-6.58	56121.10	56131.53516	56121.98459	56134.74219	504579.4	5407891.0
L4580.1	504579.4	5407891.0	7214.50000	258.53	0	48.823983	-86.937611	56127.75	56256.6	-6.57	56121.18	56131.57031	56122.08518	56134.96094	504579.4	5407891.0
L4580.1	504579.4	5407889.6	7214.60010	259.35	0	48.823970	-86.937611	56127.89	56256.6	-6.57	56121.32	56131.66797	56122.18061	56135.17188	504579.4	5407889.6
L4580.1	504579.4	5407888.4	7214.70020	257.02	0	48.823960	-86.937611	56128.21	56256.6	-6.57	56121.64	56131.94141	56122.26249	56135.36719	504579.4	5407888.4
L4580.1	504579.4	5407887.1	7214.70020	257.02	0	48.823948	-86.937611	56128.46	56256.6	-6.57	56121.89	56132.14453	56122.34690	56135.56641	504579.4	5407887.1
L4580.1	504579.4	5407887.1	7214.89990	260.02	0	48.823948	-86.937611	56128.64	56256.6	-6.56	56122.08	56132.28906	56122.43503	56135.76563	504579.4	5407887.1
L4580.1	504579.3	5407886.2	7215.00000	257.76	0	48.823940	-86.937611	56128.64	56256.6	-6.56	56122.08	56132.24609	56122.53368	56135.97656	504579.3	5407886.2
L4580.1	504579.3	5407884.8	7215.10010	257.14	0	48.823928	-86.937611	56128.82	56256.6	-6.56	56122.26	56132.37891	56122.62094	56136.17578	504579.3	5407884.8
L4580.1	504579.3	5407883.5	7215.20020	257.69	0	48.823916	-86.937612	56128.89	56256.6	-6.56	56122.33	56132.40234	56122.71354	56136.37891	504579.3	5407883.5
L4580.1	504579.3	5407883.5	7215.29981	257.95	0	48.823916	-86.937612	56129.06	56256.6	-6.56	56122.50	56132.52734	56122.79960	56136.57422	504579.3	5407883.5
L4580.1	504579.3	5407882.5	7215.39990	259.24	0	48.823907	-86.937612	56129.30	56256.6	-6.56	56122.74	56132.72266	56122.88081	56136.76563	504579.3	5407882.5
L4580.1	504579.3	5407881.4	7215.50000	259.18	0	48.823897	-86.937612	56129.30	56256.6	-6.56	56122.74	56132.67969	56122.97413	56136.96875	504579.3	5407881.4
L4580.1	504579.3	5407881.4	7215.60010	260.79	0	48.823897	-86.937612	56129.70	56256.6	-6.56	56123.14	56133.03516	56123.04411	56137.14453	504579.3	5407881.4
L4580.1	504579.3	5407880.2	7215.70020	260.80	0	48.823886	-86.937612	56129.77	56256.6	-6.56	56123.21	56133.05859	56123.13115	56137.33984	504579.3	5407880.2
L4580.1	504579.3	5407879.0	7215.79981	261.50	0	48.823875	-86.937612	56129.88	56256.6	-6.56	56123.32	56133.12500	56123.21471	56137.52734	504579.3	5407879.0
L4580.1	504579.3	5407877.8	7215.89990	260.51	0	48.823865	-86.937612	56130.03	56256.6	-6.56	56123.47	56133.23047	56123.29465	56137.71094	504579.3	5407877.8
L4580.1	504579.3	5407877.8	7216.00000	258.62	0	48.823865	-86.937612	56130.29	56256.6	-6.56	56123.73	56133.44531	56123.36656	56137.88672	504579.3	5407877.8
L4580.1	504579.3	5407876.8	7216.10010	258.94	0	48.823855	-86.937612	56130.43	56256.6	-6.56	56123.87	56133.54297	56123.44412	56138.07031	504579.3	5407876.8
L4580.1	504579.3	5407875.4	7216.20020	256.20	0	48.823843	-86.937612	56130.74	56256.6	-6.56	56124.18	56133.80859	56123.50944	56138.23438	504579.3	5407875.4
L4580.1	504579.3	5407875.4	7216.29981	254.41	0	48.823843	-86.937612	56130.67	56256.6	-6.56	56124.11	56133.69531	56123.59748	56138.42578	504579.3	5407875.4
L4580.1	504579.3	5407874.2	7216.39990	256.26	0	48.823832	-86.937612	56130.82	56256.6	-6.56	56124.25	56133.79297	56123.67096	56138.59766	504579.3	5407874.2
L4580.1	504579.3	5407873.3	7216.50000	256.82	0	48.823824	-86.937612	56131.12	56256.6	-6.57	56124.56	56134.05859	56123.73253	56138.76172	504579.3	5407873.3
L4580.1	504579.3	5407872.2	7216.60010	256.61	0	48.823814	-86.937612	56131.32	56256.6	-6.57	56124.75	56134.20703	56123.80084	56138.92969	504579.3	5407872.2
L4580.1	504579.3	5407872.2	7216.70020	257.23	0	48.823814	-86.937612	56131.45	56256.6	-6.57	56124.88	56134.29688	56123.87189	56139.09766	504579.3	5407872.2
L4580.1	504579.3	5407871.2	7216.70020	257.23	0	48.823805	-86.937612	56131.55	56256.6	-6.57	56124.98	56134.35547	56123.94367	56139.26563	504579.3	5407871.2
L4580.1	504579.3	5407870.5	7216.89990	255.84	0	48.823798	-86.937612	56131.55	56256.6	-6.57	56124.98	56134.31250	56124.02083	56139.44141	504579.3	5407870.5
L4580.1	504579.3	5407870.5	7217.00000	254.96	0	48.823798	-86.937612	56131.68	56256.6	-6.57	56125.11	56134.40234	56124.08804	56139.60156	504579.3	5407870.5

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4580.1	504579.3	5407869.6	7217.10010	256.57	0	48.823790	-86.937612	56131.93	56256.6	-6.57	56125.36	56134.60938	56124.14593	56139.75391	504579.3	5407869.6
L4580.1	504579.3	5407868.7	7217.20020	256.67	0	48.823783	-86.937613	56132.20	56256.6	-6.57	56125.63	56134.83984	56124.20118	56139.90625	504579.3	5407868.7
L4580.1	504579.2	5407867.7	7217.29981	257.65	0	48.823773	-86.937613	56132.14	56256.6	-6.56	56125.57	56134.74219	56124.27710	56140.07422	504579.2	5407867.7
L4580.1	504579.2	5407867.7	7217.39990	257.09	0	48.823773	-86.937613	56132.36	56256.6	-6.56	56125.80	56134.92969	56124.33234	56140.22266	504579.2	5407867.7
L4580.1	504579.2	5407866.6	7217.50000	258.56	0	48.823764	-86.937613	56132.44	56256.6	-6.56	56125.88	56134.97266	56124.39623	56140.37500	504579.2	5407866.6
L4580.1	504579.2	5407866.6	7217.60010	258.13	0	48.823764	-86.937613	56132.68	56256.6	-6.56	56126.12	56135.17188	56124.44808	56140.51953	504579.2	5407866.6
L4580.1	504579.2	5407865.8	7217.70020	256.97	0	48.823756	-86.937613	56133.04	56256.6	-6.56	56126.48	56135.49609	56124.49055	56140.65234	504579.2	5407865.8
L4580.1	504579.2	5407864.8	7217.79981	256.79	0	48.823748	-86.937614	56133.13	56256.6	-6.55	56126.57	56135.54688	56124.54962	56140.80078	504579.2	5407864.8
L4580.1	504579.2	5407864.1	7217.89990	257.60	0	48.823742	-86.937614	56133.46	56256.6	-6.55	56126.91	56135.84766	56124.59060	56140.92969	504579.2	5407864.1
L4580.1	504579.2	5407864.1	7218.00000	259.74	0	48.823742	-86.937614	56133.61	56256.6	-6.55	56127.06	56135.96094	56124.64283	56141.07031	504579.2	5407864.1
L4580.1	504579.1	5407863.2	7218.10010	259.07	0	48.823733	-86.937614	56133.62	56256.6	-6.55	56127.07	56135.93750	56124.70295	56141.21484	504579.1	5407863.2
L4580.1	504579.1	5407862.1	7218.20020	258.24	0	48.823723	-86.937615	56133.67	56256.6	-6.55	56127.12	56135.94922	56124.75894	56141.35938	504579.1	5407862.1
L4580.1	504579.1	5407861.2	7218.29981	255.38	0	48.823715	-86.937615	56133.44	56256.6	-6.55	56126.89	56135.68359	56124.83212	56141.51563	504579.1	5407861.2
L4580.1	504579.1	5407861.2	7218.39990	254.28	0	48.823715	-86.937615	56134.06	56256.6	-6.55	56127.50	56136.25781	56124.84782	56141.61719	504579.1	5407861.2
L4580.1	504579.1	5407860.4	7218.50000	256.54	0	48.823708	-86.937615	56134.12	56256.6	-6.56	56127.56	56136.28125	56124.89867	56141.75000	504579.1	5407860.4
L4580.1	504579.1	5407860.4	7218.60010	258.03	0	48.823708	-86.937615	56134.52	56256.6	-6.56	56127.97	56136.66016	56124.92467	56141.85938	504579.1	5407860.4
L4580.1	504579.0	5407859.6	7218.70020	254.12	0	48.823701	-86.937615	56134.31	56256.6	-6.56	56127.75	56136.40625	56124.99113	56142.00781	504579.0	5407859.6
L4580.1	504579.0	5407859.6	7218.70020	254.12	0	48.823701	-86.937615	56134.51	56256.6	-6.56	56127.95	56136.57031	56125.02803	56142.12500	504579.0	5407859.6
L4580.1	504579.0	5407858.5	7218.89990	253.27	0	48.823691	-86.937616	56134.64	56256.6	-6.56	56128.08	56136.66797	56125.06802	56142.24609	504579.0	5407858.5
L4580.1	504579.0	5407857.8	7219.00000	252.60	0	48.823685	-86.937616	56135.04	56256.6	-6.56	56128.48	56137.03516	56125.08843	56142.34766	504579.0	5407857.8
L4580.1	504579.0	5407857.8	7219.10010	254.28	0	48.823685	-86.937616	56134.96	56256.6	-6.56	56128.40	56136.92188	56125.13923	56142.47656	504579.0	5407857.8
L4580.1	504579.0	5407857.3	7219.20020	254.96	0	48.823680	-86.937616	56134.82	56256.6	-6.56	56128.25	56136.73828	56125.19307	56142.60938	504579.0	5407857.3
L4580.1	504579.0	5407856.4	7219.29981	255.33	0	48.823672	-86.937617	56134.83	56256.6	-6.56	56128.26	56136.71875	56125.23461	56142.73047	504579.0	5407856.4
L4580.1	504578.9	5407855.8	7219.39990	255.29	0	48.823666	-86.937617	56134.99	56256.6	-6.56	56128.42	56136.84766	56125.26448	56142.83594	504578.9	5407855.8
L4580.1	504578.9	5407855.8	7219.50000	256.33	0	48.823666	-86.937617	56135.24	56256.6	-6.57	56128.68	56137.07813	56125.28601	56142.93359	504578.9	5407855.8
L4580.1	504578.9	5407854.8	7219.60010	260.02	0	48.823657	-86.937617	56135.22	56256.6	-6.57	56128.65	56137.01563	56125.33911	56143.06250	504578.9	5407854.8
L4580.1	504578.9	5407854.8	7219.70020	260.02	0	48.823657	-86.937617	56135.72	56256.6	-6.57	56129.15	56137.48828	56125.36717	56143.16797	504578.9	5407854.8
L4580.1	504578.9	5407853.7	7219.79981	259.94	0	48.823648	-86.937618	56135.68	56256.6	-6.57	56129.11	56137.41797	56125.42543	56143.30078	504578.9	5407853.7
L4580.1	504578.9	5407853.7	7219.79981	257.14	0	48.823648	-86.937618	56136.00	56256.6	-6.57	56129.43	56137.70703	56125.46454	56143.41406	504578.9	5407853.7
L4580.1	504578.9	5407853.1	7220.00000	263.37	0	48.823642	-86.937618	56135.92	56256.6	-6.57	56129.35	56137.59766	56125.51866	56143.54297	504578.9	5407853.1
L4580.1	504578.9	5407852.6	7220.10010	263.37	0	48.823638	-86.937618	56136.08	56256.6	-6.57	56129.51	56137.73047	56125.56020	56143.65625	504578.9	5407852.6
L4580.1	504578.9	5407852.6	7220.20020	264.35	0	48.823638	-86.937618	56136.02	56256.6	-6.57	56129.45	56137.64453	56125.60480	56143.77344	504578.9	5407852.6
L4580.1	504578.9	5407851.9	7220.20020	264.35	0	48.823631	-86.937618	56136.18	56256.6	-6.57	56129.61	56137.77734	56125.63884	56143.87891	504578.9	5407851.9
L4580.1	504578.8	5407851.5	7220.39990	261.25	0	48.823628	-86.937618	56136.45	56256.6	-6.57	56129.88	56138.01953	56125.66631	56143.97656	504578.8	5407851.5
L4580.1	504578.8	5407851.0	7220.50000	261.21	0	48.823623	-86.937618	56136.45	56256.6	-6.57	56129.88	56137.99219	56125.69436	56144.07422	504578.8	5407851.0
L4580.1	504578.8	5407851.0	7220.60010	260.38	0	48.823623	-86.937618	56136.48	56256.6	-6.58	56129.90	56137.98438	56125.71602	56144.16797	504578.8	5407851.0
L4580.1	504578.8	5407850.6	7220.70020	259.72	0	48.823620	-86.937618	56136.64	56256.6	-6.58	56130.06	56138.11719	56125.72947	56144.25000	504578.8	5407850.6
L4580.1	504578.8	5407850.1	7220.70020	259.72	0	48.823615	-86.937619	56136.76	56256.6	-6.58	56130.18	56138.21094	56125.73791	56144.32813	504578.8	5407850.1
L4580.1	504578.8	5407849.5	7220.89990	257.86	0	48.823610	-86.937619	56136.76	56256.6	-6.58	56130.18	56138.18750	56125.74361	56144.40234	504578.8	5407849.5
L4580.1	504578.8	5407849.5	7221.00000	261.47	0	48.823610	-86.937619	56136.88	56256.6	-6.58	56130.30	56138.28125	56125.74246	56144.46875	504578.8	5407849.5
L4580.1	504578.8	5407849.1	7221.10010	260.15	0	48.823606	-86.937619	56136.88	56256.6	-6.58	56130.31	56138.26563	56125.74041	56144.53516	504578.8	5407849.1
L4580.1	504578.8	5407848.6	7221.20020	259.01	0	48.823602	-86.937619	56136.98	56256.6	-6.58	56130.41	56138.34375	56125.73369	56144.59766	504578.8	5407848.6
L4580.1	504578.8	5407848.6	7221.29981	257.29	0	48.823602	-86.937619	56137.24	56256.6	-6.57	56130.66	56138.57031	56125.72081	56144.65234	504578.8	5407848.6
L4580.1	504578.8	5407848.1	7221.39990	256.81	0	48.823597	-86.937619	56137.24	56256.6	-6.57	56130.67	56138.55469	56125.71433	56144.71094	504578.8	5407848.1
L4580.1	504578.8	5407847.7	7221.50000	257.96	0	48.823594	-86.937619	56137.42	56256.6	-6.57	56130.85	56138.71094	56125.70262	56144.76563	504578.8	5407847.7
L4580.1	504578.8	5407847.7	7221.60010	260.15	0	48.823594	-86.937619	56137.37	56256.6	-6.57	56130.80	56138.63672	56125.70015	56144.82813	504578.8	5407847.7
L4580.1	504578.8	5407847.3	7221.70020	261.10	0	48.823590	-86.937619	56137.46	56256.6	-6.57	56130.90	56138.71484	56125.69527	56144.89063	504578.8	5407847.3
L4580.1	504578.8	5407847.0	7221.79981	258.76	0	48.823587	-86.937619	56137.54	56256.6	-6.56	56130.98	56138.76953	56125.69467	56144.95313	504578.8	5407847.0
L4580.1	504578.8	5407846.7	7221.89990	254.55	0	48.823584	-86.937619	56137.62	56256.6	-6.56	56131.06	56138.82813	56125.69720	56145.01953	504578.8	5407846.7
L4580.1	504578.8	5407846.4	7222.00000	253.66	0	48.823582	-86.937619	56137.52	56256.6	-6.56	56130.96	56138.70313	56125.70751	56145.09766	504578.8	5407846.4
L4580.1	504578.8	5407846.4	7222.10010	257.37	0	48.823582	-86.937619	56137.34	56256.6	-6.56	56130.78	56138.50391	56125.72071	56145.17188	504578.8	5407846.4
L4580.1	504578.8	5407846.0	7222.20020	253.67	0	48.823579	-86.937619	56137.54	56256.6	-6.56	56130.98	56138.67969	56125.72570	56145.24219	504578.8	5407846.0
L4580.1	504578.8	5407846.0	7222.29981	255.21	0	48.823579	-86.937619	56137.34	56256.6	-6.56	56130.78	56138.45703	56125.74000	56145.32031	504578.8	5407846.0
L4580.1	504578.8	5407845.8	7222.39990	259.74	0	48.823576	-86.937619	56137.92	56256.6	-6.56	56131.36	56139.01563	56125.74589	56145.39063	504578.8	5407845.8
L4580.1	504578.8	5407845.6	7222.50000	258.29	0	48.823574	-86.937620	56137.77	56256.6	-6.56	56131.21	56138.84375	56125.76338	56145.47266	504578.8	5407845.6
L4580.1	504578.7	5407845.4	7222.60010	260.09	0	48.823572	-86.937620	56137.80	56256.6	-6.56	56131.24	56138.85156	56125.78122	56145.55469	504578.7	5407845.4
L4580.1	504578.8	5407845.1	7222.70020	259.69	0	48.823570	-86.937620	56137.74	56256.6	-6.56	56131.18	56138.76953	56125.80024	56145.63672	504578.8	5407845.1
L4580.1	504578.8	5407845.1	7222.70020	259.69	0	48.823570	-86.937620	56138.11	56256.6	-6.56	56131.55	56139.12109	56125.82772	56145.72656	504578.8	5407845.1
L4580.1	504578.8	5407845.1	7222.89990	261.33	0	48.823570	-86.937620	56138.11	56256.6	-6.56	56131.55	56139.09766	56125.85283	56145.81250	504578.8	5407845.1
L4580.1	504578.8	5407845.0	7223.00000	262.49	0	48.823569	-86.937619	56137.89	56256.6	-6.56	56131.33	56138.85547	56125.87135	56145.89453	504578.8	5407845.0
L4580.1	504578.8	5407844.8	7223.10010	264.08	0	48.823568	-86.937619	56137.77	56256.6	-6.56	56131.22	56138.72656	56125.89157	56145.97656	504578.8	5407844.8
L4580.1	504578.8	5407844.7	7223.20020	266.08	0	48.823567	-86.937619	56137.46	56256.6	-6.56	56130.91	56138.39453	56125.89906	56146.04688	504578.8	5407844.7
L4580.1	504578.8	5407844.7	7223.29981	265.75	0	48.823567	-86.937619	56137.21	56256.6	-6.55	56130.66	56138.12109	56125.90415	56146.11719	504578.8	5407844.7
L4580.1	504578.8	5407844.7	7223.39990	262.78	0	48.823566	-86.937619	56137.77	56256.6	-6.55	56131.22	56138.66016	56125.96371	56146.23828	504578.8	5407844.7
L4620.0	0.0	0.0	33096.80078	337.56	0	48.842932	-86.937047	55987.52	56239.2	10.77	55998.29	56016.43359	56075.72902	55993.74609	504619.0	5409997.4
L4620.0	0.0	0.0	33096.89844	335.26	0	48.842932	-86.937047	55986.86	56239.2	10.77	55997.63	56015.79688	56061.08332	55980.78906	504619.0	5409997.4
L4620.0	0.0	0.0	33097.00000	334.88	0	48.842937	-86.937045	55986.43	56239.2	10.77	55997.20	56015.39063	56052.03342	55973.42578	504619.1	5409998.0
L4620.0	0.0	0.0	33097.10156	336.87	0	48.842937	-86.937045	55985.88	56239.2	10.77	55996.65	56014.86719	56040.38124	55963.46094	504619.1	5409998.0
L4620.0	0.0	0.0	33097.19922	339.70	0	48.842937	-86.937045	55985.55	56239.2	10.78	55996.32	56014.55859	56034.09695	55958.86328	504619.1	5409998.0
L4620.0	0.0	0.0	33097.30078	337.83	0	48.842941	-86.937044	55985.14	56239.2	10.78	55995.93	56014.19531	56026.62263	55953.07422	504619.3	5409998.4
L4620.0	0.0	0.0	33097.39844	341.18	0	48.842944	-86.937042	55984.66	56239.2	10.79	55995.45	56013.73828	56017.25843	55945.39063	504619.3	5409998.7
L4620.0	0.0	0.0	33097.50000	340.97	0	48.842944	-86.937042	55984.56	56239.2	10.79	55995.35	56013.66406	56017.02052	55946.82813	504619.3	5409998.7
L4620.0	0.0	0.0	33097.60156	342.11	0	48.842946	-86.937042	55983.78	56239.2	10.79	55994.57	56012.91016	56001.07375	55932.55859	504619.4	5409999.0
L4620.0	0.0	0.0	33097.69922	342.46	0	48.842948	-86.937041	55983.55	56239.2	10.80	55994.34	56012.70703	55998.24273	55931.39844	504619.5	5409999.2
L4620.0	0.0	0.0	33097.80078	341.12	0	48.842951	-86.937040	55983.20	56239.2	10.80	55994.00	56012.39453	55993.06512	55927.88672	504619.5	5409999.5
L4620.0	0.0	0.0	33097.89844	338.73	0	48.842951	-86.937040	55982.79	56239.2	10.81	55993.59	56012.00781	55986.48112	55922.96094	504619.5	5409999.5
L4620.0	0.0	0.0	33098.00000	338.67	0	48.842952	-86.937039	55982.54	56239.2	10.81	55993.35	56011.79688	55984.11734	55922.25391	504619.6	5409999.7
L4620.0	0.0	0.0	33098.10156	337.43	0	48.842954	-86.937038	55982.14	56239.2	10.81	55992.95	56011.42578	55978.24397	55918.03125	504619.6	5409999.8
L4620.0	0.0	0.0	33098.19922	338.35	0	48.842954	-86.937038	55981.93	56239.2	10.81	55992.74	56011.24219	55977.06515	55918.49219	504619.6	5409999.8
L4620.0	0.0	0.0	33098.30078	337.87	0	48.842955	-86.937038	55981.95	56239.2	10.81	55992.77	56011.30078	55981.75530	55924.82031	504619.7	5410000.0
L4620.0	0.0	0.0	33098.39844	339.42	0	48.842956	-86.937037	55982.04	56239.2	10.81	55992.85	56011.41016	55987.86507	55932.55859	504619.7	5410000.1
L4620.0	0.0	0.0	33098.50000	338.25	0	48.842956	-86.937037	55982.14	56239.2	10.82	55992.95	56011.53906	55994.69428	55941.00781	504619.7	5410000.1
L4620.0	0.0	0.0	33098.60156	333.42	0	48.842957	-86.937037	55982.11	56239.2	10.82	55992.92	56011.53906	55998.73086	55946.65625	504619.7	5410000.3
L4620.0	0.0	0.0	33098.60156	333.42	0	48.842958	-86.937036	55982.36	56239.2	10.82	55993.17	56011.82031	56009.58480	55959.11328	504619.8	5410000.3
L4620.0	0.0	0.0	33098.80078	336.76	0	48.842959	-86.937036	55982.69	56239.2	10.82	55993.51	56012.19141	56022.80674	55973.92969	504619.8	5410000.5
L4620.0	0.0	0.0	33098.89844	339.14	0	48.842959	-86.937036	55982.62	56239.2	10.82	55993.44	56012.15234	56026.68329	55979.39063	504619.8	5410000.5
L4620.0	0.0	0.0	33099.00000	343.45	0	48.842960	-86.937036	55982.66	56239.2	10.82	55993.48	56012.22656	56033.40197	55987.68359	504619.8	5410000.6
L4620.0	0.0	0.0	33099.10156	343.19	0	48.842962	-86.937036	55982.31	56239.2	10.82	55993.13	56011.90625	56031.24943	55987.09375	504619.8	5410000.7
L4620.0	0.0	0.0	33099.19922	322.64	0	48.842963	-86.937036	55981.88	56239.2	10.83	55992.71	56011.51953	56027.72673	55985.12109	504619.8	5410000.9
L4620.0	0.0	0.0	33099.30078	338.49	0	48.842963	-86.937036	55981.42	56239.2	10.83	55992.25	56011.09375	56023.53961	55982.47656	504619.8	5410000.9
L4620.0	0.0	0.0	33099.39844	344.30	0	48.842965	-86.937035	55980.94	56239.2	10.83	55991.77	56010.64844	56019.15945	55979.62500	504619.9	5410001.1
L4620.0	0.0	0.0	33099.50000	344.88	0	48.842967	-86.937035	55980.67	56239.2	10.83	55991.50	56010.41406	56019.97847	55981.96094	504619.9	5410001.4
L4620.0	0.0	0.0	33099.60156	347.51	0	48.842967	-86.937035	55980.18	56239.2	10.84	55991.02	56009.97266	56016.15787	55979.64453	504619.9	5410001.4

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4620.0	0.0	0.0	33099.69922	346.59	0	48.842970	-86.937035	55980.26	56239.2	10.84	55991.10	56010.08984	56025.74327	55990.72266	504619.9	5410001.7
L4620.0	0.0	0.0	33099.80078	344.83	0	48.842973	-86.937035	55979.70	56239.2	10.84	55990.55	56009.57422	56020.85307	55987.31250	504619.9	5410002.0
L4620.0	0.0	0.0	33099.89844	346.52	0	48.842973	-86.937035	55979.20	56239.2	10.85	55990.05	56009.11328	56017.42399	55985.34766	504619.9	5410002.0
L4620.0	0.0	0.0	33100.00000	342.78	0	48.842976	-86.937035	55978.77	56239.2	10.85	55989.62	56008.72266	56015.92746	55985.30078	504619.9	5410002.3
L4620.0	0.0	0.0	33100.10156	344.50	0	48.842979	-86.937034	55978.39	56239.1	10.85	55989.24	56008.37891	56015.89761	55986.71094	504619.9	5410002.6
L4620.0	0.0	0.0	33100.19922	345.12	0	48.842979	-86.937034	55977.81	56239.1	10.85	55988.66	56007.83984	56011.47917	55983.71484	504619.9	5410002.6
L4620.0	0.0	0.0	33100.30078	343.74	0	48.842981	-86.937034	55977.30	56239.1	10.85	55988.15	56007.36719	56009.00163	55982.64453	504619.9	5410002.9
L4620.0	0.0	0.0	33100.39844	343.68	0	48.842985	-86.937034	55976.92	56239.1	10.85	55987.77	56007.02734	56009.87368	55984.90625	504619.9	5410003.3
L4620.0	0.0	0.0	33100.50000	342.91	0	48.842985	-86.937034	55976.19	56239.1	10.86	55987.04	56006.33984	56002.85062	55979.26172	504619.9	5410003.3
L4620.0	0.0	0.0	33100.60156	344.84	0	48.842989	-86.937034	55975.78	56239.1	10.86	55986.64	56005.98047	56003.86912	55981.64063	504620.0	5410003.8
L4620.0	0.0	0.0	33100.60156	344.84	0	48.842989	-86.937034	55975.23	56239.1	10.86	55986.08	56005.46094	56001.45010	55980.57031	504620.0	5410003.8
L4620.0	0.0	0.0	33100.80078	344.79	0	48.842993	-86.937034	55974.97	56239.1	10.86	55985.83	56005.25391	56006.60943	55987.05859	504620.0	5410004.2
L4620.0	0.0	0.0	33100.89844	345.53	0	48.842996	-86.937034	55974.39	56239.1	10.86	55985.25	56004.71484	56004.35314	55986.11719	504620.0	5410004.6
L4620.0	0.0	0.0	33101.00000	345.32	0	48.842996	-86.937034	55974.16	56239.1	10.86	55985.02	56004.52734	56010.61781	55993.67578	504620.0	5410004.6
L4620.0	0.0	0.0	33101.10156	347.65	0	48.842999	-86.937034	55973.73	56239.1	10.86	55984.60	56004.14844	56012.75262	55997.09375	504620.0	5410004.9
L4620.0	0.0	0.0	33101.19922	347.02	0	48.843003	-86.937034	55973.46	56239.1	10.86	55984.32	56003.91016	56018.49277	56004.09766	504620.0	5410005.3
L4620.0	0.0	0.0	33101.30078	349.73	0	48.843006	-86.937034	55972.72	56239.1	10.87	55983.59	56003.22266	56014.01574	56000.86719	504620.0	5410005.7
L4620.0	0.0	0.0	33101.39844	347.02	0	48.843006	-86.937034	55972.14	56239.1	10.87	55983.01	56002.68750	56013.38332	56001.46484	504620.0	5410005.7
L4620.0	0.0	0.0	33101.50000	345.98	0	48.843010	-86.937034	55971.33	56239.1	10.87	55982.20	56001.91797	56007.69365	55996.98438	504620.0	5410006.1
L4620.0	0.0	0.0	33101.60156	342.00	0	48.843014	-86.937034	55970.98	56239.1	10.87	55981.85	56001.61328	56013.11728	56003.60547	504620.0	5410006.5
L4620.0	0.0	0.0	33101.69922	341.19	0	48.843014	-86.937034	55970.52	56239.1	10.87	55981.40	56001.20703	56016.53437	56008.19922	504620.0	5410006.5
L4620.0	0.0	0.0	33101.80078	346.41	0	48.843019	-86.937034	55969.66	56239.1	10.88	55980.54	56000.38672	56010.68306	56003.50781	504620.0	5410007.1
L4620.0	0.0	0.0	33101.89844	345.24	0	48.843023	-86.937034	55968.93	56239.1	10.88	55979.80	55999.69141	56007.98448	56001.94922	504620.0	5410007.6
L4620.0	0.0	0.0	33102.00000	348.27	0	48.843028	-86.937034	55968.45	56239.1	10.88	55979.32	55999.25391	56011.72108	56006.81250	504620.0	5410008.1
L4620.0	0.0	0.0	33102.10156	348.50	0	48.843028	-86.937034	55967.66	56239.1	10.88	55978.54	55998.51563	56008.77260	56004.96875	504620.0	5410008.1
L4620.0	0.0	0.0	33102.19922	348.03	0	48.843034	-86.937034	55967.18	56239.1	10.88	55978.06	55998.07813	56013.20010	56010.48828	504620.0	5410008.7
L4620.0	0.0	0.0	33102.30078	347.89	0	48.843038	-86.937033	55966.66	56239.1	10.87	55977.53	55997.58984	56016.80382	56015.16016	504620.0	5410009.2
L4620.0	0.0	0.0	33102.39844	345.38	0	48.843038	-86.937033	55965.66	56239.1	10.87	55976.54	55996.64063	56009.97797	56009.39063	504620.0	5410009.2
L4620.0	0.0	0.0	33102.50000	349.85	0	48.843044	-86.937033	55965.08	56239.1	10.87	55975.95	55996.09375	56012.87554	56013.32031	504620.0	5410009.8
L4620.0	0.0	0.0	33102.60156	350.51	0	48.843044	-86.937033	55964.30	56239.1	10.87	55975.17	55995.35547	56011.67258	56013.13672	504620.0	5410009.8
L4620.0	0.0	0.0	33102.60156	350.51	0	48.843049	-86.937033	55963.67	56239.1	10.87	55974.54	55994.76563	56014.33699	56016.80078	504620.0	5410010.4
L4620.0	0.0	0.0	33102.80078	349.77	0	48.843053	-86.937033	55962.71	56239.1	10.86	55973.57	55993.83594	56009.38771	56012.83203	504620.0	5410010.9
L4620.0	0.0	0.0	33102.89844	345.44	0	48.843058	-86.937032	55961.97	56239.1	10.86	55972.83	55993.13281	56010.18166	56014.58984	504620.1	5410011.4
L4620.0	0.0	0.0	33103.00000	346.73	0	48.843063	-86.937032	55961.24	56239.1	10.86	55972.10	55992.44141	56011.56409	56016.92188	504620.1	5410012.0
L4620.0	0.0	0.0	33103.10156	345.90	0	48.843063	-86.937032	55960.15	56239.1	10.86	55971.01	55991.39063	56004.86519	56011.14844	504620.1	5410012.0
L4620.0	0.0	0.0	33103.19922	345.81	0	48.843068	-86.937032	55959.21	56239.1	10.86	55970.07	55990.48828	56002.03532	56009.23047	504620.1	5410012.5
L4620.0	0.0	0.0	33103.30078	346.76	0	48.843073	-86.937031	55958.61	56239.1	10.86	55969.47	55989.92578	56007.52628	56015.61719	504620.1	5410013.1
L4620.0	0.0	0.0	33103.39844	347.30	0	48.843079	-86.937031	55957.20	56239.1	10.86	55968.06	55988.55078	55994.39041	56003.35547	504620.2	5410013.7
L4620.0	0.0	0.0	33103.50000	347.18	0	48.843084	-86.937031	55956.64	56239.1	10.86	55967.50	55988.02734	56001.52442	56011.34766	504620.2	5410014.3
L4620.0	0.0	0.0	33103.60156	349.12	0	48.843084	-86.937031	55955.39	56239.1	10.86	55966.25	55986.80859	55992.84157	56003.50781	504620.2	5410014.3
L4620.0	0.0	0.0	33103.69922	347.97	0	48.843091	-86.937031	55954.54	56239.1	10.86	55965.40	55985.99219	55993.88165	56005.37109	504620.2	5410015.1
L4620.0	0.0	0.0	33103.80078	349.09	0	48.843098	-86.937030	55953.70	56239.1	10.86	55964.56	55985.18750	55995.50444	56007.80469	504620.2	5410015.9
L4620.0	0.0	0.0	33103.89844	350.74	0	48.843098	-86.937030	55952.54	56239.1	10.86	55963.40	55984.05859	55989.97537	56003.06641	504620.2	5410015.9
L4620.0	0.0	0.0	33104.00000	348.36	0	48.843104	-86.937030	55951.63	56239.1	10.86	55962.49	55983.17578	55990.64859	56004.51563	504620.2	5410016.5
L4620.0	0.0	0.0	33104.10156	349.12	0	48.843111	-86.937030	55950.69	56239.1	10.86	55961.55	55982.26563	55990.96054	56005.58203	504620.2	5410017.4
L4620.0	0.0	0.0	33104.19922	345.54	0	48.843111	-86.937030	55949.43	56239.1	10.86	55960.29	55981.03516	55984.11300	55999.47656	504620.2	5410017.4
L4620.0	0.0	0.0	33104.30078	345.44	0	48.843118	-86.937030	55948.14	56239.1	10.86	55959.00	55979.76953	55976.89815	55992.98828	504620.2	5410018.1
L4620.0	0.0	0.0	33104.39844	346.12	0	48.843126	-86.937030	55947.25	56239.1	10.86	55958.11	55978.90625	55979.38834	55996.18750	504620.2	5410019.0
L4620.0	0.0	0.0	33104.50000	345.05	0	48.843126	-86.937030	55946.19	56239.1	10.87	55957.05	55977.87109	55978.22333	55995.71875	504620.2	5410019.0
L4620.0	0.0	0.0	33104.60156	344.93	0	48.843133	-86.937030	55944.92	56239.1	10.87	55955.79	55976.63281	55972.69595	55990.86719	504620.2	5410019.8
L4620.0	0.0	0.0	33104.60156	344.93	0	48.843144	-86.937030	55943.68	56239.1	10.87	55954.55	55975.41797	55967.95672	55986.79297	504620.2	5410021.0
L4620.0	0.0	0.0	33104.80078	336.61	0	48.843150	-86.937030	55942.34	56239.1	10.87	55953.21	55974.09766	55961.18885	55980.67188	504620.2	5410021.7
L4620.0	0.0	0.0	33104.89844	345.52	0	48.843150	-86.937030	55941.26	56239.1	10.87	55952.13	55973.03516	55960.82266	55980.93750	504620.2	5410021.7
L4620.0	0.0	0.0	33105.00000	331.69	0	48.843160	-86.937031	55940.20	56239.1	10.87	55951.07	55971.99219	55961.22873	55981.96094	504620.2	5410022.7
L4620.0	0.0	0.0	33105.10156	330.61	0	48.843160	-86.937031	55938.98	56239.1	10.87	55949.85	55970.78906	55958.18321	55979.51953	504620.2	5410022.7
L4620.0	0.0	0.0	33105.19922	344.08	0	48.843167	-86.937031	55937.64	56239.1	10.87	55948.51	55969.46484	55952.61694	55974.54297	504620.2	5410023.6
L4620.0	0.0	0.0	33105.30078	343.67	0	48.843178	-86.937031	55936.40	56239.1	10.86	55947.26	55968.22656	55949.44387	55971.94141	504620.1	5410024.8
L4620.0	0.0	0.0	33105.39844	348.29	0	48.843183	-86.937031	55935.21	56239.1	10.86	55946.07	55967.05078	55947.95380	55971.01563	504620.1	5410025.4
L4620.0	0.0	0.0	33105.50000	346.60	0	48.843190	-86.937032	55933.87	56239.1	10.86	55944.73	55965.71875	55943.21833	55966.82422	504620.1	5410026.1
L4620.0	0.0	0.0	33105.60156	348.68	0	48.843190	-86.937032	55932.50	56239.1	10.86	55943.36	55964.35938	55938.04128	55962.18359	504620.1	5410026.1
L4620.0	0.0	0.0	33105.69922	331.98	0	48.843198	-86.937032	55931.39	56239.1	10.86	55942.25	55963.25391	55939.20959	55963.87109	504620.1	5410027.0
L4620.0	0.0	0.0	33105.80078	330.41	0	48.843210	-86.937032	55930.10	56239.1	10.85	55940.96	55961.97266	55936.40419	55961.57031	504620.0	5410028.3
L4620.0	0.0	0.0	33105.89844	347.24	0	48.843210	-86.937032	55928.78	56239.1	10.85	55939.63	55960.64453	55932.89635	55958.55859	504620.0	5410028.3
L4620.0	0.0	0.0	33106.00000	344.90	0	48.843218	-86.937033	55927.57	56239.2	10.85	55938.42	55959.43750	55932.42554	55958.57031	504620.0	5410029.2
L4620.0	0.0	0.0	33106.10156	333.89	0	48.843227	-86.937033	55926.13	56239.2	10.85	55936.98	55957.99609	55926.78039	55953.39453	504620.0	5410030.3
L4620.0	0.0	0.0	33106.19922	335.57	0	48.843227	-86.937033	55924.79	56239.2	10.85	55935.63	55956.64844	55923.44869	55950.51953	504620.0	5410030.3
L4620.0	0.0	0.0	33106.30078	347.33	0	48.843236	-86.937034	55923.40	56239.2	10.85	55934.25	55955.26563	55919.60767	55947.12500	504620.0	5410031.2
L4620.0	0.0	0.0	33106.39844	349.61	0	48.843247	-86.937034	55922.31	56239.2	10.85	55933.16	55954.16797	55922.74428	55950.69531	504619.9	5410032.4
L4620.0	0.0	0.0	33106.50000	349.53	0	48.843247	-86.937034	55920.87	56239.2	10.85	55931.71	55952.71484	55917.61580	55945.98828	504619.9	5410032.4
L4620.0	0.0	0.0	33106.60156	351.00	0	48.843254	-86.937034	55919.45	56239.2	10.84	55930.30	55951.29688	55913.58297	55942.36719	504619.9	5410033.2
L4620.0	0.0	0.0	33106.60156	351.00	0	48.843254	-86.937034	55918.26	56239.2	10.84	55929.11	55950.09766	55914.85100	55944.03516	504619.9	5410033.2
L4620.0	0.0	0.0	33106.80078	351.13	0	48.843267	-86.937035	55916.59	56239.2	10.84	55927.44	55948.41406	55905.00431	55934.57422	504619.9	5410034.6
L4620.0	0.0	0.0	33106.89844	349.31	0	48.843275	-86.937035	55915.43	56239.2	10.84	55926.27	55947.23047	55906.99310	55936.94141	504619.9	5410035.6
L4620.0	0.0	0.0	33107.00000	346.75	0	48.843286	-86.937035	55914.02	56239.2	10.84	55924.86	55945.80859	55903.46369	55933.78125	504619.9	5410036.8
L4620.0	0.0	0.0	33107.10156	349.00	0	48.843286	-86.937035	55912.80	56239.2	10.84	55923.64	55944.57031	55904.47775	55935.15625	504619.9	5410036.8
L4620.0	0.0	0.0	33107.19922	346.25	0	48.843297	-86.937035	55911.28	56239.2	10.83	55922.11	55943.02344	55898.30453	55929.32813	504619.9	5410038.1
L4620.0	0.0	0.0	33107.30078	336.48	0	48.843309	-86.937035	55909.91	56239.2	10.83	55920.74	55941.63281	55895.94220	55927.30469	504619.9	5410039.3
L4620.0	0.0	0.0	33107.39844	336.00	0	48.843309	-86.937035	55908.38	56239.2	10.82	55919.20	55940.07422	55889.64272	55921.33203	504619.9	5410039.3
L4620.0	0.0	0.0	33107.50000	347.40	0	48.843320	-86.937034	55907.01	56239.2	10.82	55917.83	55938.67969	55887.35730	55919.36719	504619.9	5410040.6
L4620.0	0.0	0.0	33107.60156	343.85	0	48.843320	-86.937034	55905.36	56239.2	10.82	55916.18	55937.00391	55878.52530	55910.84766	504619.9	5410040.6
L4620.0	0.0	0.0	33107.69922	344.84	0	48.843340	-86.937034	55903.97	56239.2	10.81	55914.78	55935.57813	55875.54929	55908.17188	504619.9	5410042.8
L4620.0	0.0	0.0	33107.80078	345.30	0	48.843340	-86.937034	55902.48	56239.2	10.81	55913.29	55934.05859	55870.44546	55903.35938	504619.9	5410042.8
L4620.0	0.0	0.0	33107.89844	348.47	0	48.843340	-86.937034	55900.91	56239.2	10.80	55911.71	55932.44922	55863.19660	55896.39063	504619.9	5410042.8
L4620.0	0.0	0.0	33108.00000	349.36	0	48.843350	-86.937034	55899.72	56239.2	10.80	55910.52	55931.23047	55865.03265	55898.50391	504619.9	5410043.9
L4620.0	0.0	0.0	33108.10156	347.09	0	48.843360	-86.937034	55898.28	56239.2	10.80	55909.08	55929.75781	55860.93909	55894.67578	504619.9	5410045.0
L4620.0	0.0	0.0	33108.19922	350.10	0	48.843370	-86.937034	55896.66	56239.2	10.80	55907.47	55928.11328	55852.77230	55886.76953	504619.9	5410046.2
L4620.0	0.0	0.0	33108.30078	349.64	0	48.843379	-86.937034	55895.45	56239.2	10.81	55906.25	55926.85547	55853.63584	55887.88281	504619.9	5410047.1
L4620.0	0.0	0.0	33108.39844	347.19	0	48.843379	-86.937034	55894.03	56239.2	10.81	55904.84	55925.41016	55849.92021	55884.40625	504619.9	5410047.1
L4620.0	0.0	0.0	33108.50000	348.22	0	48.843390	-86.937034	55892.59	56239.2	10.81	55903.40	55923.92969	55845.35548	55880.07813	504619.9	5410048.4
L4620.0	0.0	0.0	33108.60156	344.53	0	48.843401	-86.937034	55891.10	56239.2	10.81	55901.91	55922.39844	55839.45364	55874.40234	504619.9	5410049.5
L4620.0	0.0	0.0	33108.60156	344.53	0	48.843401	-86.937034	55889.68	56239.2	10.81	55900.49	55920.93750	55835.00697	55870.17578	504619.9	5410049.5
L4620.0	0.0	0.0	33108.80078	341.63	0	48.843413	-86.937034	55888.52	56239.2	10.82	55899.34	55919.74219	55836.68203	55872.06250	504619.9	5410050.9
L4620.0	0.0	0.0	33108.89844	344.56	0	48.843424	-86.937035	55886.95	56239.2	10.82	55897.77	55918.12891	55828.29050	55863.87500	504619.9	5410052.2

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4620.0	0.0	0.0	33109.00000	346.12	0	48.843433	-86.937035	55885.46	56239.2	10.82	55896.28	55916.59375	55821.52818	55857.31250	504619.8	5410053.1
L4620.0	0.0	0.0	33109.10156	345.05	0	48.843444	-86.937035	55884.26	56239.2	10.82	55895.08	55915.34375	55821.29535	55857.26953	504619.8	5410054.4
L4620.0	0.0	0.0	33109.19922	345.74	0	48.843444	-86.937035	55883.00	56239.2	10.82	55893.82	55914.03516	55819.37003	55855.52734	504619.8	5410054.4
L4620.0	0.0	0.0	33109.30078	347.85	0	48.843455	-86.937035	55881.74	56239.2	10.81	55892.55	55912.71484	55816.90298	55853.23828	504619.8	5410055.6
L4620.0	0.0	0.0	33109.39844	346.25	0	48.843455	-86.937035	55880.42	56239.2	10.81	55891.23	55911.34375	55812.93590	55849.43750	504619.8	5410055.6
L4620.0	0.0	0.0	33109.50000	347.50	0	48.843469	-86.937036	55878.91	56239.2	10.81	55889.72	55909.78125	55804.16714	55840.83594	504619.8	5410057.2
L4620.0	0.0	0.0	33109.60156	349.69	0	48.843481	-86.937036	55877.84	56239.2	10.81	55888.65	55908.65625	55805.33778	55842.16016	504619.7	5410058.5
L4620.0	0.0	0.0	33109.69922	350.60	0	48.843493	-86.937037	55876.56	56239.2	10.81	55887.36	55907.30859	55800.96117	55837.93359	504619.7	5410059.8
L4620.0	0.0	0.0	33109.80078	350.63	0	48.843493	-86.937037	55875.44	56239.2	10.80	55886.24	55906.13281	55800.15448	55837.26953	504619.7	5410059.8
L4620.0	0.0	0.0	33109.89844	350.59	0	48.843505	-86.937037	55874.15	56239.2	10.80	55884.95	55904.78516	55794.92928	55832.18359	504619.7	5410061.1
L4620.0	0.0	0.0	33110.00000	348.67	0	48.843514	-86.937038	55873.02	56239.2	10.80	55883.82	55903.59766	55792.99670	55830.38281	504619.6	5410062.1
L4620.0	0.0	0.0	33110.10156	347.59	0	48.843514	-86.937038	55871.80	56239.2	10.80	55882.60	55902.31641	55788.47714	55825.98438	504619.6	5410062.1
L4620.0	0.0	0.0	33110.19922	347.55	0	48.843529	-86.937039	55870.46	56239.2	10.80	55881.26	55900.91406	55780.64614	55818.27344	504619.6	5410063.8
L4620.0	0.0	0.0	33110.30078	346.66	0	48.843534	-86.937039	55869.75	56239.2	10.80	55880.55	55900.14063	55787.05639	55824.79297	504619.5	5410064.4
L4620.0	0.0	0.0	33110.39844	347.49	0	48.843546	-86.937039	55868.46	56239.2	10.80	55879.26	55898.78906	55779.33344	55817.17578	504619.5	5410065.7
L4620.0	0.0	0.0	33110.50000	349.02	0	48.843546	-86.937039	55867.30	56239.2	10.80	55878.10	55897.56250	55774.09282	55812.03516	504619.5	5410065.7
L4620.0	0.0	0.0	33110.60156	344.78	0	48.843558	-86.937040	55866.18	56239.2	10.80	55876.98	55896.37500	55769.20437	55807.23828	504619.5	5410067.1
L4620.0	0.0	0.0	33110.60156	344.78	0	48.843573	-86.937041	55865.25	56239.2	10.80	55876.05	55895.37891	55768.16177	55806.28125	504619.4	5410068.7
L4620.0	0.0	0.0	33110.80078	338.04	0	48.843580	-86.937041	55864.36	56239.2	10.80	55875.16	55894.42188	55767.42919	55805.62891	504619.4	5410069.5
L4620.0	0.0	0.0	33110.89844	348.20	0	48.843580	-86.937041	55863.04	56239.2	10.80	55873.84	55893.03125	55755.97263	55794.24609	504619.4	5410069.5
L4620.0	0.0	0.0	33111.00000	346.55	0	48.843595	-86.937041	55862.08	56239.2	10.80	55872.88	55892.00391	55752.28291	55790.62109	504619.4	5410071.1
L4620.0	0.0	0.0	33111.10156	347.97	0	48.843604	-86.937042	55861.10	56239.2	10.80	55871.90	55890.95313	55747.43534	55785.83594	504619.3	5410072.2
L4620.0	0.0	0.0	33111.19922	349.06	0	48.843604	-86.937042	55860.34	56239.2	10.80	55871.14	55890.12109	55747.03347	55785.48828	504619.3	5410072.2
L4620.0	0.0	0.0	33111.30078	341.55	0	48.843617	-86.937042	55859.61	56239.2	10.79	55870.40	55889.30859	55746.37091	55784.87109	504619.3	5410073.6
L4620.0	0.0	0.0	33111.39844	326.22	0	48.843628	-86.937042	55858.62	56239.2	10.79	55869.41	55888.24609	55739.10128	55777.64453	504619.3	5410074.8
L4620.0	0.0	0.0	33111.50000	327.63	0	48.843628	-86.937042	55857.71	56239.2	10.79	55868.50	55887.26172	55732.93789	55771.51563	504619.3	5410074.8
L4620.0	0.0	0.0	33111.60156	340.16	0	48.843644	-86.937043	55857.00	56239.2	10.79	55867.78	55886.46484	55730.43928	55769.04688	504619.2	5410076.6
L4620.0	0.0	0.0	33111.69922	322.62	0	48.843653	-86.937043	55856.17	56239.2	10.79	55866.95	55885.55859	55724.55710	55763.18359	504619.2	5410077.6
L4620.0	0.0	0.0	33111.80078	334.38	0	48.843662	-86.937043	55855.73	56239.2	10.78	55866.52	55885.05469	55727.22353	55765.86719	504619.2	5410078.6
L4620.0	0.0	0.0	33111.89844	346.62	0	48.843677	-86.937044	55854.98	56239.2	10.78	55865.76	55884.21484	55721.31517	55759.96484	504619.2	5410080.2
L4620.0	0.0	0.0	33112.00000	346.78	0	48.843677	-86.937044	55854.39	56239.2	10.78	55865.17	55883.54688	55718.53067	55757.18359	504619.2	5410080.2
L4620.0	0.0	0.0	33112.10156	348.13	0	48.843692	-86.937044	55853.76	56239.2	10.78	55864.54	55882.83984	55713.93229	55752.58203	504619.2	5410081.9
L4620.0	0.0	0.0	33112.19922	341.08	0	48.843692	-86.937044	55853.13	56239.2	10.78	55863.91	55882.12891	55708.44078	55747.07813	504619.2	5410081.9
L4620.0	0.0	0.0	33112.30078	342.56	0	48.843705	-86.937044	55852.86	56239.2	10.78	55863.63	55881.76563	55710.24142	55748.85547	504619.1	5410083.4
L4620.0	0.0	0.0	33112.39844	350.70	0	48.843716	-86.937044	55852.39	56239.2	10.78	55863.17	55881.22656	55706.89959	55745.48828	504619.1	5410084.6
L4620.0	0.0	0.0	33112.50000	340.29	0	48.843716	-86.937044	55852.17	56239.2	10.78	55862.94	55880.91406	55708.00756	55746.56641	504619.1	5410084.6
L4620.0	0.0	0.0	33112.60156	339.95	0	48.843729	-86.937044	55851.54	56239.2	10.77	55862.31	55880.19922	55698.78859	55737.30469	504619.1	5410086.1
L4620.0	0.0	0.0	33112.60156	339.95	0	48.843743	-86.937044	55851.16	56239.2	10.77	55861.93	55879.73828	55694.45983	55732.92969	504619.1	5410087.5
L4620.0	0.0	0.0	33112.80078	349.80	0	48.843743	-86.937044	55851.02	56239.2	10.77	55861.79	55879.51172	55694.77373	55733.18750	504619.1	5410087.5
L4620.0	504619.1	5410089.0	33112.89844	347.63	0	48.843756	-86.937045	55850.73	56239.2	10.77	55861.50	55879.13672	55690.57909	55728.93359	504619.1	5410089.0
L4620.0	504619.1	5410090.7	33113.00000	349.31	0	48.843771	-86.937045	55850.70	56239.2	10.77	55861.47	55879.02344	55691.47119	55729.75781	504619.1	5410090.7
L4620.0	504619.1	5410090.7	33113.10156	351.37	0	48.843771	-86.937045	55850.52	56239.2	10.77	55861.29	55878.75391	55690.07189	55728.28125	504619.1	5410090.7
L4620.0	504619.1	5410091.9	33113.19922	338.85	0	48.843782	-86.937045	55850.60	56239.2	10.77	55861.37	55878.74609	55693.89735	55732.02344	504619.1	5410091.9
L4620.0	504619.1	5410093.2	33113.30078	338.30	0	48.843794	-86.937045	55850.55	56239.2	10.77	55861.32	55878.60938	55693.69712	55731.73438	504619.1	5410093.2
L4620.0	504619.1	5410094.5	33113.39844	334.93	0	48.843806	-86.937045	55850.47	56239.2	10.77	55861.24	55878.44141	55691.79946	55729.73828	504619.1	5410094.5
L4620.0	504619.1	5410094.5	33113.50000	321.97	0	48.843806	-86.937045	55850.62	56239.2	10.76	55861.39	55878.50000	55693.90459	55731.73828	504619.1	5410094.5
L4620.0	504619.1	5410096.0	33113.60156	321.95	0	48.843819	-86.937045	55850.63	56239.2	10.76	55861.39	55878.41016	55691.55431	55729.27734	504619.1	5410096.0
L4620.0	504619.1	5410097.5	33113.69922	335.57	0	48.843832	-86.937045	55850.88	56239.2	10.76	55861.64	55878.57031	55693.46144	55731.06641	504619.1	5410097.5
L4620.0	504619.1	5410097.5	33113.80078	333.70	0	48.843832	-86.937045	55851.26	56239.2	10.76	55862.02	55878.85547	55696.92765	55734.40625	504619.1	5410097.5
L4620.0	504619.1	5410099.0	33113.89844	321.65	0	48.843846	-86.937045	55851.41	56239.2	10.76	55862.17	55878.91406	55694.28308	55731.62891	504619.1	5410099.0
L4620.0	504619.1	5410100.2	33114.00000	321.11	0	48.843857	-86.937045	55851.84	56239.2	10.76	55862.60	55879.25000	55696.35433	55733.55859	504619.1	5410100.2
L4620.0	504619.1	5410100.2	33114.10156	328.77	0	48.843857	-86.937045	55852.30	56239.2	10.76	55863.06	55879.61719	55697.81659	55734.87500	504619.1	5410100.2
L4620.0	504619.1	5410101.7	33114.19922	331.41	0	48.843870	-86.937045	55852.60	56239.2	10.76	55863.36	55879.82031	55694.70415	55731.60938	504619.1	5410101.7
L4620.0	504619.1	5410103.2	33114.30078	330.98	0	48.843884	-86.937045	55853.23	56239.2	10.77	55864.00	55880.36328	55697.46431	55734.20703	504619.1	5410103.2
L4620.0	504619.1	5410103.2	33114.39844	332.58	0	48.843884	-86.937045	55853.71	56239.2	10.77	55864.48	55880.74609	55695.65579	55732.22656	504619.1	5410103.2
L4620.0	504619.1	5410105.2	33114.50000	332.82	0	48.843901	-86.937045	55854.42	56239.2	10.77	55865.19	55881.35938	55697.40997	55733.80859	504619.1	5410105.2
L4620.0	504619.1	5410106.3	33114.60156	331.19	0	48.843911	-86.937045	55855.15	56239.2	10.77	55865.92	55881.98828	55698.37170	55734.58594	504619.1	5410106.3
L4620.0	504619.1	5410106.3	33114.60156	331.19	0	48.843911	-86.937045	55855.84	56239.2	10.77	55866.61	55882.58203	55697.30101	55733.32422	504619.1	5410106.3
L4620.0	504619.1	5410107.7	33114.80078	333.14	0	48.843924	-86.937045	55856.70	56239.2	10.78	55867.47	55883.33984	55698.64616	55734.47266	504619.1	5410107.7
L4620.0	504619.1	5410109.1	33114.89844	334.26	0	48.843937	-86.937045	55857.71	56239.2	10.78	55868.49	55884.25781	55702.27474	55737.89844	504619.1	5410109.1
L4620.0	504619.1	5410110.3	33115.00000	334.98	0	48.843948	-86.937045	55858.59	56239.2	10.78	55869.37	55885.03516	55701.85366	55737.26563	504619.1	5410110.3
L4620.0	504619.1	5410110.3	33115.10156	335.96	0	48.843948	-86.937045	55859.56	56239.2	10.78	55870.34	55885.90234	55702.28278	55737.48047	504619.1	5410110.3
L4620.0	504619.1	5410112.1	33115.19922	337.15	0	48.843963	-86.937045	55860.56	56239.2	10.78	55871.35	55886.80469	55702.52382	55737.49609	504619.1	5410112.1
L4620.0	504619.1	5410113.4	33115.30078	335.27	0	48.843975	-86.937045	55861.50	56239.2	10.79	55872.29	55887.64063	55700.21401	55734.95313	504619.1	5410113.4
L4620.0	504619.1	5410113.4	33115.39844	336.62	0	48.843975	-86.937045	55862.66	56239.2	10.79	55873.45	55888.69141	55701.73017	55736.23438	504619.1	5410113.4
L4620.0	504619.1	5410115.4	33115.50000	334.17	0	48.843993	-86.937045	55864.03	56239.2	10.79	55874.82	55889.95313	55706.98545	55741.24609	504619.1	5410115.4
L4620.0	504619.1	5410116.7	33115.60156	333.39	0	48.844005	-86.937045	55865.20	56239.2	10.79	55875.99	55891.01563	55706.94167	55740.94922	504619.1	5410116.7
L4620.0	504619.1	5410116.7	33115.69922	333.91	0	48.844005	-86.937045	55866.66	56239.2	10.79	55877.45	55892.36328	55712.55685	55746.30859	504619.1	5410116.7
L4620.0	504619.0	5410118.5	33115.80078	334.26	0	48.844021	-86.937045	55868.11	56239.2	10.80	55878.90	55893.70313	55717.19153	55750.67969	504619.0	5410118.5
L4620.0	504619.0	5410119.7	33115.89844	333.95	0	48.844032	-86.937045	55869.49	56239.2	10.80	55880.29	55894.98047	55719.73478	55752.95313	504619.0	5410119.7
L4620.0	504619.0	5410119.7	33116.00000	334.81	0	48.844032	-86.937045	55870.98	56239.2	10.80	55881.78	55896.35547	55723.79532	55756.73438	504619.0	5410119.7
L4620.0	504619.0	5410121.2	33116.10156	338.75	0	48.844046	-86.937045	55872.38	56239.2	10.80	55883.18	55897.64063	55725.07484	55757.73438	504619.0	5410121.2
L4620.0	504619.0	5410122.3	33116.19922	341.18	0	48.844056	-86.937045	55873.90	56239.2	10.80	55884.70	55899.04297	55728.32917	55760.69922	504619.0	5410122.3
L4620.0	504619.0	5410122.3	33116.30078	332.66	0	48.844056	-86.937045	55875.59	56239.2	10.80	55886.39	55900.61719	55734.68419	55766.75781	504619.0	5410122.3
L4620.0	504619.0	5410123.8	33116.39844	316.95	0	48.844069	-86.937045	55877.16	56239.2	10.80	55887.96	55902.06641	55737.59213	55769.36328	504619.0	5410123.8
L4620.0	504619.0	5410125.2	33116.50000	337.70	0	48.844081	-86.937046	55879.08	56239.2	10.80	55889.88	55903.86719	55747.63336	55779.09766	504619.0	5410125.2
L4620.0	504619.0	5410125.2	33116.60156	337.64	0	48.844081	-86.937046	55880.85	56239.2	10.80	55891.65	55905.51172	55753.55976	55784.71484	504619.0	5410125.2
L4620.0	504619.0	5410126.8	33116.60156	337.64	0	48.844096	-86.937046	55882.68	56239.2	10.80	55893.48	55907.21875	55760.08286	55790.91797	504619.0	5410126.8
L4620.0	504619.0	5410128.5	33116.80078	319.85	0	48.844111	-86.937045	55884.29	56239.2	10.80	55895.09	55908.70703	55761.05951	55791.57031	504619.0	5410128.5
L4620.0	504619.0	5410128.5	33116.89844	336.46	0	48.844111	-86.937045	55886.21	56239.2	10.80	55897.01	55910.50000	55768.15264	55798.33203	504619.0	5410128.5
L4620.0	504619.0	5410130.0	33117.00000	334.52	0	48.844124	-86.937045	55887.96	56239.2	10.80	55898.76	55912.12109	55770.87977	55800.72266	504619.0	5410130.0
L4620.0	504619.0	5410131.4	33117.10156	338.10	0	48.844137	-86.937045	55889.88	56239.2	10.80	55900.68	55913.91406	55776.60015	55806.10547	504619.0	5410131.4
L4620.0	504619.0	5410133.3	33117.19922	339.71	0	48.844155	-86.937045	55891.93	56239.2	10.81	55902.74	55915.83984	55784.56553	55813.72266	504619.0	5410133.3
L4620.0	504619.0	5410133.3	33117.30078	337.86	0	48.844155	-86.937045	55893.83	56239.2	10.81	55904.64	55917.60938	55788.48738	55817.29297	504619.0	5410133.3
L4620.0	504619.0	5410135.1	33117.39844	336.42	0	48.844170	-86.937045	55896.03	56239.2	10.81	55906.84	55919.67578	55797.86826	55826.32031	504619.0	5410135.1
L4620.0	504619.0	5410135.1	33117.50000	335.75	0	48.844170	-86.937045	55897.92	56239.2	10.82	55908.74	55921.44141	55800.46264	55828.55078	504619.0	5410135.1
L4620.0	504619.0	5410136.4	33117.60156	334.39	0	48.844182	-86.937045	55900.31	56239.2	10.82	55911.12	55923.68359	55811.91406	55839.64063	504619.0	5410136.4
L4620.0	504619.0	5410138.1	33117.69922	331.42	0	48.844197	-86.937045	55902.38	56239.2	10.82	55913.20	55925.62500	55816.71462	55844.07031	504619.0	5410138.1
L4620.0	504619.0	5410139.3	33117.80078	322.51	0	48.844208	-86.937045	55904.53	56239.2	10.82	55915.35	55927.63672	55822.22041	55849.19922	504619.0	5410139.3
L4620.0	504619.0	5410139.3	33117.89844	322.60	0	48.844208	-86.937045	55906.86	56239.2	10.83	55917.68	55929.82422	55830.45739	55857.05469	504619.0	5410139.3
L4620.0	504619.0	5410141.2	33118.00000	330.97	0	48.844225	-86.937045	55908.95	56239.2	10.83	55919.78	55931.78125	55833.75026	55859.96484	504619.0	5410141.2
L4620.0	504619.0	5410142.5	33118.10156	331.35	0	48.844237	-86.937045	55911.51	56239.2	10.83	55922.34	55934.19922	55844.83508	55870.66406	504619.0	5410142.5
L4620.0	504619.0	5410142.5	33118.19922	321.74	0	48.844237	-86.937045	55913.54	56239.2	10.83	55924.37	55936.08203	55845.70575	55871.14453	504619.0	5410142.5

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4620.0	504619.0	5410144.0	33118.30078	319.88	0	48.844251	-86.937045	55916.04	56239.2	10.84	55926.88	55938.44531	55860.16765	55885.21094	504619.0	5410144.0
L4620.0	504619.0	5410145.7	33118.39844	319.21	0	48.844266	-86.937045	55918.16	56239.2	10.84	55929.00	55940.41406	55859.43365	55884.07422	504619.0	5410145.7
L4620.0	504619.0	5410145.7	33118.50000	320.96	0	48.844266	-86.937045	55920.59	56239.2	10.84	55931.43	55942.69531	55865.78728	55890.02734	504619.0	5410145.7
L4620.0	504619.0	5410147.5	33118.60156	321.11	0	48.844282	-86.937046	55922.99	56239.2	10.84	55933.83	55944.94141	55870.74204	55894.57422	504619.0	5410147.5
L4620.0	504619.0	5410148.7	33118.60156	321.11	0	48.844292	-86.937046	55925.40	56239.2	10.84	55936.24	55947.19922	55875.33258	55898.75781	504619.0	5410148.7
L4620.0	504619.0	5410148.7	33118.80078	325.16	0	48.844292	-86.937046	55928.11	56239.2	10.85	55938.95	55949.75391	55886.41680	55909.42969	504619.0	5410148.7
L4620.0	504619.0	5410150.4	33118.89844	325.30	0	48.844308	-86.937046	55930.45	56239.2	10.85	55941.30	55951.94531	55888.45826	55911.05469	504619.0	5410150.4
L4620.0	504619.0	5410151.7	33119.00000	326.18	0	48.844320	-86.937046	55933.04	56239.2	10.85	55943.89	55954.37891	55895.56610	55917.74219	504619.0	5410151.7
L4620.0	504619.0	5410153.1	33119.10156	323.15	0	48.844332	-86.937046	55935.56	56239.1	10.85	55946.42	55956.75000	55900.78439	55922.53906	504619.0	5410153.1
L4620.0	504619.0	5410153.1	33119.19922	324.25	0	48.844332	-86.937046	55937.96	56239.1	10.86	55948.82	55958.98828	55902.62423	55923.95703	504619.0	5410153.1
L4620.0	504619.0	5410154.9	33119.30078	322.51	0	48.844349	-86.937046	55940.52	56239.1	10.86	55951.39	55961.39453	55907.87644	55928.78125	504619.0	5410154.9
L4620.0	504619.0	5410156.3	33119.39844	323.51	0	48.844361	-86.937046	55943.20	56239.1	10.87	55954.07	55963.91016	55915.14721	55935.62500	504619.0	5410156.3
L4620.0	504619.0	5410156.3	33119.50000	324.18	0	48.844361	-86.937046	55945.61	56239.1	10.87	55956.48	55966.15234	55916.11433	55936.16016	504619.0	5410156.3
L4620.0	504619.0	5410158.0	33119.60156	322.69	0	48.844377	-86.937046	55948.19	56239.1	10.87	55959.06	55968.56641	55920.49037	55940.10547	504619.0	5410158.0
L4620.0	504619.0	5410159.5	33119.69922	321.53	0	48.844390	-86.937046	55950.77	56239.1	10.88	55961.64	55970.97656	55924.55888	55943.74219	504619.0	5410159.5
L4620.0	504619.0	5410159.5	33119.80078	320.75	0	48.844390	-86.937046	55953.40	56239.1	10.88	55964.28	55973.44922	55929.62927	55948.37500	504619.0	5410159.5
L4620.0	504619.0	5410161.1	33119.89844	320.95	0	48.844404	-86.937046	55956.11	56239.1	10.89	55966.99	55975.98828	55935.91411	55954.22266	504619.0	5410161.1
L4620.0	504619.0	5410162.2	33120.00000	318.82	0	48.844414	-86.937045	55958.54	56239.1	10.89	55969.43	55978.25391	55936.23540	55954.10547	504619.0	5410162.2
L4620.0	504619.0	5410164.3	33120.10156	319.32	0	48.844433	-86.937045	55961.16	56239.1	10.89	55972.06	55980.71094	55940.36814	55957.80078	504619.0	5410164.3
L4620.0	504619.0	5410164.3	33120.19922	319.57	0	48.844433	-86.937045	55963.87	56239.1	10.89	55974.76	55983.23438	55945.76080	55962.75391	504619.0	5410164.3
L4620.0	504619.0	5410166.0	33120.30078	320.15	0	48.844448	-86.937045	55966.38	56239.1	10.90	55977.27	55985.57031	55946.99030	55963.53906	504619.0	5410166.0
L4620.0	504619.0	5410167.2	33120.39844	321.82	0	48.844459	-86.937045	55969.08	56239.1	10.90	55979.98	55988.10156	55952.22869	55968.33594	504619.0	5410167.2
L4620.0	504619.0	5410167.2	33120.50000	321.62	0	48.844459	-86.937045	55971.76	56239.1	10.90	55982.66	55990.60156	55956.68856	55972.35547	504619.0	5410167.2
L4620.0	504619.0	5410169.0	33120.60156	320.99	0	48.844475	-86.937045	55974.21	56239.1	10.90	55985.12	55992.88281	55956.43089	55971.65625	504619.0	5410169.0
L4620.0	504619.0	5410169.0	33120.60156	320.99	0	48.844475	-86.937045	55976.90	56239.1	10.90	55987.80	55995.38281	55960.64854	55975.42969	504619.0	5410169.0
L4620.0	504619.0	5410170.5	33120.80078	321.47	0	48.844489	-86.937045	55979.58	56239.1	10.91	55990.48	55997.87891	55964.78119	55979.12109	504619.0	5410170.5
L4620.0	504619.0	5410172.2	33120.89844	323.02	0	48.844504	-86.937046	55982.23	56239.1	10.91	55993.14	56000.35547	55968.43293	55982.32813	504619.0	5410172.2
L4620.0	504619.0	5410172.2	33121.00000	323.11	0	48.844504	-86.937046	55984.89	56239.1	10.91	55995.80	56002.83203	55972.04520	55985.49609	504619.0	5410172.2
L4620.0	504619.0	5410173.8	33121.10156	323.71	0	48.844519	-86.937046	55987.72	56239.1	10.91	55998.63	56005.47656	55979.26440	55992.27734	504619.0	5410173.8
L4620.0	504619.0	5410175.7	33121.19922	324.89	0	48.844536	-86.937046	55990.25	56239.1	10.91	56001.16	56007.82031	55980.09259	55992.66406	504619.0	5410175.7
L4620.0	504619.0	5410177.1	33121.30078	323.54	0	48.844548	-86.937046	55993.09	56239.1	10.91	56004.00	56010.47656	55987.60754	55999.73828	504619.0	5410177.1
L4620.0	504619.0	5410177.1	33121.39844	322.78	0	48.844548	-86.937046	55995.79	56239.1	10.91	56006.70	56012.98828	55992.17096	56003.85938	504619.0	5410177.1
L4620.0	504619.0	5410177.1	33121.50000	322.46	0	48.844548	-86.937046	55998.52	56239.1	10.92	56009.44	56015.53906	55997.68645	56008.93750	504619.0	5410177.1
L4620.0	504619.0	5410178.8	33121.60156	322.27	0	48.844564	-86.937045	56001.08	56239.1	10.92	56011.99	56017.90234	55999.10050	56009.91406	504619.0	5410178.8
L4620.0	504619.0	5410180.8	33121.69922	321.66	0	48.844582	-86.937045	56003.68	56239.1	10.92	56014.60	56020.32422	56001.90953	56012.28906	504619.0	5410180.8
L4620.0	504619.0	5410182.4	33121.80078	323.36	0	48.844596	-86.937045	56006.46	56239.1	10.92	56017.38	56022.91406	56008.65548	56018.60156	504619.0	5410182.4
L4620.0	504619.0	5410182.4	33121.89844	323.75	0	48.844596	-86.937045	56009.20	56239.1	10.92	56020.12	56025.46484	56014.68339	56024.19531	504619.0	5410182.4
L4620.0	504619.0	5410183.6	33122.00000	323.57	0	48.844607	-86.937044	56011.88	56239.1	10.92	56022.80	56027.95313	56019.52799	56028.60938	504619.0	5410183.6
L4620.0	504619.1	5410185.2	33122.10156	323.60	0	48.844621	-86.937044	56014.51	56239.1	10.92	56025.44	56030.40234	56023.63456	56032.28906	504619.1	5410185.2
L4620.0	504619.1	5410186.9	33122.19922	324.70	0	48.844637	-86.937044	56017.27	56239.1	10.93	56028.19	56032.96094	56030.52279	56038.75000	504619.1	5410186.9
L4620.0	504619.1	5410186.9	33122.30078	323.08	0	48.844637	-86.937044	56019.67	56239.1	10.93	56030.60	56035.17969	56029.60129	56037.40234	504619.1	5410186.9
L4620.0	504619.1	5410188.8	33122.39844	339.93	0	48.844654	-86.937043	56022.43	56239.1	10.94	56033.36	56037.75000	56037.20320	56044.58203	504619.1	5410188.8
L4620.0	504619.2	5410190.2	33122.50000	338.23	0	48.844666	-86.937043	56025.04	56239.1	10.94	56035.98	56040.17969	56041.72493	56048.68359	504619.2	5410190.2
L4620.0	504619.2	5410190.2	33122.60156	339.42	0	48.844666	-86.937043	56027.54	56239.1	10.94	56038.48	56042.48828	56043.57598	56050.12109	504619.2	5410190.2
L4620.0	504619.2	5410191.6	33122.60156	339.42	0	48.844679	-86.937042	56030.20	56239.1	10.94	56041.14	56044.95703	56049.60946	56055.73828	504619.2	5410191.6
L4620.0	504619.2	5410193.0	33122.80078	322.45	0	48.844691	-86.937042	56032.59	56239	10.95	56043.55	56047.17578	56049.73162	56055.44922	504619.2	5410193.0
L4620.0	504619.2	5410194.7	33122.89844	322.24	0	48.844706	-86.937042	56035.31	56239	10.96	56046.26	56049.69531	56057.63172	56062.94141	504619.2	5410194.7
L4620.0	504619.2	5410194.7	33123.00000	335.27	0	48.844706	-86.937042	56037.63	56239	10.96	56048.59	56051.83594	56056.26782	56061.17188	504619.2	5410194.7
L4620.0	504619.3	5410196.3	33123.10156	334.26	0	48.844721	-86.937041	56040.28	56239	10.96	56051.24	56054.29297	56063.32633	56067.82813	504619.3	5410196.3
L4620.0	504619.3	5410197.7	33123.19922	319.89	0	48.844734	-86.937041	56042.76	56239	10.96	56053.72	56056.58594	56070.56521	56074.67188	504619.3	5410197.7
L4620.0	504619.3	5410197.7	33123.30078	318.07	0	48.844734	-86.937041	56045.39	56239	10.96	56056.35	56059.02734	56077.00799	56080.71875	504619.3	5410197.7
L4620.0	504619.3	5410199.1	33123.39844	332.69	0	48.844746	-86.937041	56047.72	56239	10.96	56058.68	56061.16797	56078.26379	56081.58203	504619.3	5410199.1
L4620.0	504619.3	5410200.8	33123.50000	335.01	0	48.844762	-86.937041	56050.30	56239	10.96	56061.26	56063.55859	56084.30272	56087.23047	504619.3	5410200.8
L4620.0	504619.3	5410202.4	33123.60156	339.06	0	48.844776	-86.937040	56052.50	56239	10.96	56063.46	56065.57031	56083.62477	56086.16797	504619.3	5410202.4
L4620.0	504619.3	5410202.4	33123.69922	342.79	0	48.844776	-86.937040	56055.06	56239	10.96	56066.02	56067.94531	56089.81656	56091.98047	504619.3	5410202.4
L4620.0	504619.3	5410202.4	33123.80078	338.55	0	48.844776	-86.937040	56057.36	56239	10.96	56068.32	56070.05859	56091.46429	56093.25391	504619.3	5410202.4
L4620.0	504619.4	5410204.6	33123.89844	336.48	0	48.844796	-86.937040	56059.91	56239	10.96	56070.87	56072.42578	56098.04387	56099.46094	504619.4	5410204.6
L4620.0	504619.4	5410205.9	33124.00000	318.04	0	48.844807	-86.937040	56062.12	56239	10.96	56073.08	56074.44922	56098.54024	56099.58594	504619.4	5410205.9
L4620.0	504619.4	5410207.6	33124.10156	317.61	0	48.844823	-86.937039	56064.56	56239	10.96	56075.52	56076.70703	56103.64802	56104.33203	504619.4	5410207.6
L4620.0	504619.4	5410209.3	33124.19922	331.58	0	48.844838	-86.937039	56066.88	56239	10.96	56077.83	56078.83594	56106.59801	56106.92188	504619.4	5410209.3
L4620.0	504619.4	5410209.3	33124.30078	332.86	0	48.844838	-86.937039	56069.15	56239	10.96	56080.11	56080.93750	56109.27391	56109.24219	504619.4	5410209.3
L4620.0	504619.4	5410211.1	33124.39844	333.30	0	48.844854	-86.937039	56071.65	56239	10.96	56082.61	56083.25781	56116.50227	56116.11719	504619.4	5410211.1
L4620.0	504619.4	5410211.1	33124.50000	332.24	0	48.844854	-86.937039	56073.75	56239	10.96	56084.71	56085.17969	56116.34155	56115.60938	504619.4	5410211.1
L4620.0	504619.4	5410212.3	33124.60156	332.72	0	48.844865	-86.937039	56076.28	56239	10.96	56087.24	56087.53125	56124.88211	56123.80859	504619.4	5410212.3
L4620.0	504619.4	5410214.6	33124.60156	332.72	0	48.844886	-86.937039	56078.31	56239	10.96	56089.27	56089.38672	56123.98748	56122.57813	504619.4	5410214.6
L4620.0	504619.4	5410215.5	33124.80078	319.83	0	48.844894	-86.937039	56080.68	56239	10.96	56091.64	56091.58203	56130.13407	56128.39063	504619.4	5410215.5
L4620.0	504619.4	5410215.5	33124.89844	320.87	0	48.844894	-86.937039	56082.70	56239	10.96	56093.66	56093.42969	56129.66036	56127.58984	504619.4	5410215.5
L4620.0	504619.5	5410216.9	33125.00000	335.18	0	48.844906	-86.937038	56084.98	56239	10.96	56095.94	56095.53906	56134.73297	56132.33984	504619.5	5410216.9
L4620.0	504619.5	5410218.3	33125.10156	337.09	0	48.844918	-86.937038	56087.31	56239	10.96	56098.26	56097.69141	56141.00018	56138.28906	504619.5	5410218.3
L4620.0	504619.5	5410220.1	33125.19922	335.50	0	48.844935	-86.937038	56089.41	56239	10.95	56100.36	56099.62500	56143.13528	56140.10938	504619.5	5410220.1
L4620.0	504619.5	5410220.1	33125.30078	333.66	0	48.844935	-86.937038	56091.38	56239	10.95	56102.33	56101.42969	56142.89707	56139.56250	504619.5	5410220.1
L4620.0	504619.5	5410221.9	33125.39844	332.64	0	48.844951	-86.937038	56093.48	56239.1	10.95	56104.42	56103.35547	56145.45120	56141.81250	504619.5	5410221.9
L4620.0	504619.5	5410223.7	33125.50000	332.33	0	48.844967	-86.937038	56095.76	56239.1	10.94	56106.70	56105.47266	56152.33179	56148.39453	504619.5	5410223.7
L4620.0	504619.5	5410224.9	33125.60156	333.33	0	48.844978	-86.937038	56097.63	56239.1	10.94	56108.57	56107.18359	56150.94813	56146.71484	504619.5	5410224.9
L4620.0	504619.5	5410224.9	33125.69922	335.19	0	48.844978	-86.937038	56099.95	56239.1	10.94	56110.89	56109.34766	56159.41467	56154.89453	504619.5	5410224.9
L4620.0	504619.5	5410226.6	33125.80078	335.40	0	48.844994	-86.937037	56101.77	56239.1	10.94	56112.71	56111.01172	56157.62155	56152.81641	504619.5	5410226.6
L4620.0	504619.5	5410226.6	33125.89844	335.52	0	48.844994	-86.937037	56103.78	56239.1	10.93	56114.71	56112.85547	56159.99389	56154.91016	504619.5	5410226.6
L4620.0	504619.5	5410228.3	33126.00000	337.59	0	48.845008	-86.937037	56105.60	56239.1	10.93	56116.53	56114.52734	56158.84461	56153.48828	504619.5	5410228.3
L4620.0	504619.5	5410230.0	33126.10156	335.47	0	48.845024	-86.937037	56107.82	56239.1	10.93	56118.75	56116.59766	56166.64274	56161.01953	504619.5	5410230.0
L4620.0	504619.5	5410231.5	33126.19922	335.14	0	48.845038	-86.937037	56109.90	56239.1	10.93	56120.83	56118.52734	56171.78873	56165.90234	504619.5	5410231.5
L4620.0	504619.5	5410231.5	33126.30078	334.01	0	48.845038	-86.937037	56111.49	56239.1	10.93	56122.41	56119.96484	56166.46252	56160.31641	504619.5	5410231.5
L4620.0	504619.5	5410233.3	33126.39844	334.62	0	48.845053	-86.937037	56113.59	56239.1	10.93	56124.51	56121.92188	56172.72638	56166.32813	504619.5	5410233.3
L4620.0	504619.5	5410234.9	33126.50000	331.35	0	48.845068	-86.937037	56115.64	56239.1	10.93	56126.57	56123.83984	56178.46848	56171.82031	504619.5	5410234.9
L4620.0	504619.5	5410234.9	33126.60156	323.40	0	48.845068	-86.937037	56117.58	56239.1	10.92	56128.50	56125.63281	56181.73286	56174.84375	504619.5	5410234.9
L4620.0	504619.5	5410236.6	33126.60156	323.40	0	48.845083	-86.937037	56119.44	56239.1	10.92	56130.36	56127.35547	56183.81961	56176.69141	504619.5	5410236.6
L4620.0	504619.5	5410236.6	33126.80078	323.67	0	48.845083	-86.937037	56120.94	56239.1	10.92	56131.86	56128.72266	56178.47152	56171.10938	504619.5	5410236.6
L4620.0	504619.5	5410238.2	33126.89844	337.14	0	48.845098	-86.937037	56123.10	56239.1	10.92	56134.02	56130.75000	56187.72664	56180.13672	504619.5	5410238.2
L4620.0	504619.5	5410239.7	33127.00000	338.30	0	48.845111	-86.937037	56124.89	56239.1	10.92	56135.81	56132.41406	56189.34237	56181.53125	504619.5	5410239.7
L4620.0	504619.5	5410241.4	33127.10156	336.50	0	48.845127	-86.937037	56126.59	56239.1	10.92	56137.51	56133.98438	56189.37993	56181.35156	504619.5	5410241.4
L4620.0	504619.5	5410242.7	33127.19922	335.07	0	48.845138	-86.937037	56128.06	56239.1	10.92	56138.98	56135.33203	56184.86157	56176.62109	504619.5	5410242.7
L4620.0	504619.5	5410242.7	33127.30078	338.58	0	48.845138	-86.937037	56129.98	56239.1	10.92	56140.90	56137.12891	56190.33118	56181.88281	504619.5	5410242.7
L4620.0	504619.5	5410243.7	33127.39844	340.03	0	48.845147	-86.937037	56131.68	56239.1	10.92	56142.60	56138.71094	56191.46102	56182.81250	504619.5	5410243.7
L4620.0	504619.5	5410243.7	33127.50000	323.43	0	48.845147	-86.937037	56133.21	56239.1	10.92	56144.14	56140.13281	56189.56396	56180.71484	504619.5	5410243.7

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4620.0	504619.5	5410245.5	33127.60156	322.30	0	48.845164	-86.937037	56134.91	56239.1	10.93	56145.84	56141.71875	56191.42938	56182.39063	504619.5	5410245.5
L4620.0	504619.5	5410248.5	33127.69922	332.31	0	48.845191	-86.937037	56136.66	56239.1	10.93	56147.59	56143.35547	56194.70838	56185.48047	504619.5	5410248.5
L4620.0	504619.5	5410248.5	33127.80078	335.09	0	48.845191	-86.937037	56138.28	56239.1	10.93	56149.21	56144.86719	56195.60680	56186.19531	504619.5	5410248.5
L4620.0	504619.5	5410250.2	33127.89844	335.20	0	48.845205	-86.937037	56140.00	56239.1	10.93	56150.93	56146.48047	56198.96914	56189.37891	504619.5	5410250.2
L4620.0	504619.5	5410252.1	33128.00000	333.60	0	48.845223	-86.937038	56141.71	56239.1	10.93	56152.64	56148.08594	56202.47429	56192.71094	504619.5	5410252.1
L4620.0	504619.5	5410252.1	33128.10156	333.72	0	48.845223	-86.937038	56143.41	56239.1	10.93	56154.34	56149.68359	56206.12059	56196.19141	504619.5	5410252.1
L4620.0	504619.4	5410254.0	33128.19922	332.44	0	48.845240	-86.937038	56144.93	56239.1	10.93	56155.85	56151.09375	56206.14232	56196.04688	504619.4	5410254.0
L4620.0	504619.4	5410254.0	33128.30078	331.65	0	48.845240	-86.937038	56146.35	56239.1	10.92	56157.27	56152.41406	56204.63361	56194.37891	504619.4	5410254.0
L4620.0	504619.4	5410255.8	33128.39844	328.70	0	48.845256	-86.937039	56147.86	56239.1	10.92	56158.78	56153.82813	56205.35212	56194.94531	504619.4	5410255.8
L4620.0	504619.4	5410257.7	33128.50000	332.33	0	48.845273	-86.937039	56149.59	56239.1	10.92	56160.51	56155.46484	56211.01089	56200.45313	504619.4	5410257.7
L4620.0	504619.4	5410257.7	33128.60156	330.50	0	48.845273	-86.937039	56150.97	56239.1	10.92	56161.89	56156.75391	56209.69913	56198.99609	504619.4	5410257.7
L4620.0	504619.4	5410257.7	33128.60156	330.50	0	48.845273	-86.937039	56152.63	56239.1	10.92	56163.54	56158.31641	56214.36816	56203.52344	504619.4	5410257.7
L4620.0	504619.4	5410260.0	33128.80078	330.87	0	48.845294	-86.937039	56154.06	56239.1	10.91	56164.97	56159.66016	56214.77597	56203.79297	504619.4	5410260.0
L4620.0	504619.4	5410261.8	33128.89844	333.17	0	48.845311	-86.937039	56155.46	56239.1	10.91	56166.37	56160.97656	56214.89554	56203.78125	504619.4	5410261.8
L4620.0	504619.3	5410263.4	33129.00000	333.26	0	48.845324	-86.937039	56157.10	56239.1	10.91	56168.01	56162.53125	56220.39411	56209.14844	504619.3	5410263.4
L4620.0	504619.3	5410263.4	33129.10156	336.30	0	48.845324	-86.937039	56158.54	56239.1	10.91	56169.45	56163.89453	56222.04507	56210.67578	504619.3	5410263.4
L4620.0	504619.3	5410265.2	33129.19922	337.15	0	48.845341	-86.937039	56159.81	56239.1	10.91	56170.72	56165.08594	56220.44873	56208.96094	504619.3	5410265.2
L4620.0	504619.3	5410265.2	33129.30078	338.34	0	48.845341	-86.937039	56161.18	56239.1	10.91	56172.09	56166.37891	56221.28438	56209.67969	504619.3	5410265.2
L4620.0	504619.3	5410266.9	33129.39844	336.29	0	48.845356	-86.937039	56163.02	56239.1	10.91	56173.93	56168.14453	56232.44752	56220.73047	504619.3	5410266.9
L4620.0	504619.3	5410268.5	33129.50000	334.01	0	48.845370	-86.937039	56164.30	56239.1	10.92	56175.22	56169.36328	56232.26105	56220.43359	504619.3	5410268.5
L4620.0	504619.3	5410270.2	33129.60156	335.32	0	48.845386	-86.937039	56165.54	56239.1	10.92	56176.46	56170.53516	56231.30367	56219.37500	504619.3	5410270.2
L4620.0	504619.3	5410270.2	33129.69922	335.50	0	48.845386	-86.937039	56166.64	56239.1	10.92	56177.56	56171.56641	56227.60831	56215.57813	504619.3	5410270.2
L4620.0	504619.4	5410271.7	33129.80078	319.34	0	48.845399	-86.937039	56168.20	56239.1	10.92	56179.12	56173.06250	56234.14255	56222.01563	504619.4	5410271.7
L4620.0	504619.4	5410273.2	33129.89844	317.75	0	48.845413	-86.937039	56169.49	56239.1	10.92	56180.41	56174.28516	56235.12576	56222.90234	504619.4	5410273.2
L4620.0	504619.4	5410273.2	33130.00000	335.22	0	48.845413	-86.937039	56170.68	56239.1	10.92	56181.60	56175.41406	56234.18895	56221.87891	504619.4	5410273.2
L4620.0	504619.4	5410275.2	33130.10156	333.82	0	48.845431	-86.937039	56172.15	56239.1	10.92	56183.06	56176.81641	56239.43660	56227.03906	504619.4	5410275.2
L4620.0	504619.4	5410277.2	33130.19922	333.84	0	48.845449	-86.937038	56173.38	56239.1	10.91	56184.29	56177.98828	56239.88826	56227.40625	504619.4	5410277.2
L4620.0	504619.4	5410277.2	33130.30078	334.26	0	48.845449	-86.937038	56174.55	56239.1	10.91	56185.46	56179.10156	56239.24728	56226.68750	504619.4	5410277.2
L4620.0	504619.4	5410278.9	33130.39844	334.41	0	48.845464	-86.937038	56175.64	56239.1	10.90	56186.55	56180.13672	56237.05167	56224.41406	504619.4	5410278.9
L4620.0	504619.4	5410278.9	33130.50000	335.48	0	48.845464	-86.937038	56177.11	56239.1	10.90	56188.00	56181.53125	56243.06112	56230.35156	504619.4	5410278.9
L4620.0	504619.4	5410280.8	33130.60156	336.10	0	48.845481	-86.937038	56178.12	56239.1	10.90	56189.02	56182.50000	56239.73392	56226.95313	504619.4	5410280.8
L4620.0	504619.4	5410282.4	33130.60156	336.10	0	48.845496	-86.937038	56179.36	56239.1	10.90	56190.25	56183.67969	56241.27433	56228.42578	504619.4	5410282.4
L4620.0	504619.4	5410284.4	33130.80078	337.36	0	48.845514	-86.937038	56180.65	56239.1	10.89	56191.54	56184.92188	56244.33790	56231.42578	504619.4	5410284.4
L4620.0	504619.4	5410284.4	33130.89844	321.72	0	48.845514	-86.937038	56181.70	56239.1	10.88	56192.59	56185.92578	56242.29317	56229.32031	504619.4	5410284.4
L4620.0	504619.4	5410285.9	33131.00000	321.62	0	48.845527	-86.937038	56182.87	56239.1	10.88	56193.75	56187.03906	56242.88001	56229.84766	504619.4	5410285.9
L4620.0	504619.4	5410287.1	33131.10156	334.43	0	48.845538	-86.937038	56184.09	56239.1	10.88	56194.97	56188.21875	56244.97288	56231.88672	504619.4	5410287.1
L4620.0	504619.4	5410287.1	33131.19922	335.67	0	48.845538	-86.937038	56185.20	56239.1	10.88	56196.08	56189.28516	56244.86523	56231.72656	504619.4	5410287.1
L4620.0	504619.4	5410289.2	33131.30078	336.79	0	48.845557	-86.937038	56186.39	56239.1	10.88	56197.27	56190.43359	56246.68765	56233.49609	504619.4	5410289.2
L4620.0	504619.4	5410290.7	33131.39844	337.85	0	48.845570	-86.937038	56187.60	56239.1	10.88	56198.47	56191.59375	56248.91271	56235.67578	504619.4	5410290.7
L4620.0	504619.4	5410290.7	33131.50000	335.65	0	48.845570	-86.937038	56188.66	56239.1	10.88	56199.54	56192.62500	56248.57941	56235.29688	504619.4	5410290.7
L4620.0	504619.4	5410292.2	33131.60156	332.27	0	48.845584	-86.937039	56189.85	56239.1	10.87	56200.72	56193.76953	56250.78583	56237.46094	504619.4	5410292.2
L4620.0	504619.4	5410293.6	33131.69922	333.26	0	48.845596	-86.937039	56190.67	56239.1	10.87	56201.54	56194.55469	56245.71637	56232.35156	504619.4	5410293.6
L4620.0	504619.3	5410295.3	33131.80078	333.10	0	48.845612	-86.937039	56191.98	56239.1	10.87	56202.85	56195.83203	56251.06078	56237.65625	504619.3	5410295.3
L4620.0	504619.3	5410296.8	33131.89844	330.81	0	48.845625	-86.937039	56192.75	56239.1	10.87	56203.63	56196.57813	56245.73475	56232.29688	504619.3	5410296.8
L4620.0	504619.3	5410296.8	33132.00000	330.00	0	48.845625	-86.937039	56193.97	56239.1	10.87	56204.84	56197.75781	56249.46734	56235.99609	504619.3	5410296.8
L4620.0	504619.3	5410298.1	33132.10156	326.94	0	48.845637	-86.937040	56195.09	56239.1	10.87	56205.96	56198.84766	56251.59328	56238.08984	504619.3	5410298.1
L4620.0	504619.3	5410299.4	33132.19922	328.11	0	48.845648	-86.937040	56196.15	56239.1	10.87	56207.02	56199.87891	56252.75257	56239.21875	504619.3	5410299.4
L4620.0	504619.3	5410299.4	33132.30078	328.80	0	48.845648	-86.937040	56197.15	56239.1	10.87	56208.02	56200.84766	56252.96202	56239.40234	504619.3	5410299.4
L4620.0	504619.3	5410301.6	33132.39844	318.48	0	48.845669	-86.937040	56198.06	56239.1	10.87	56208.93	56201.73438	56251.62436	56238.03906	504619.3	5410301.6
L4620.0	504619.3	5410303.3	33132.50000	316.14	0	48.845684	-86.937040	56199.23	56239.1	10.87	56210.10	56202.87500	56255.76991	56242.16406	504619.3	5410303.3
L4620.0	504619.3	5410303.3	33132.60156	328.94	0	48.845684	-86.937040	56200.11	56239.1	10.87	56210.98	56203.73047	56254.33656	56240.70703	504619.3	5410303.3
L4620.0	504619.3	5410305.4	33132.60156	328.94	0	48.845702	-86.937040	56201.20	56239.1	10.87	56212.07	56204.79688	56257.38926	56243.74219	504619.3	5410305.4
L4620.0	504619.3	5410306.6	33132.80078	328.92	0	48.845713	-86.937040	56202.20	56239.1	10.87	56213.07	56205.77734	56258.87078	56245.20313	504619.3	5410306.6
L4620.0	504619.3	5410307.8	33132.89844	332.82	0	48.845724	-86.937040	56203.18	56239.1	10.87	56214.05	56206.73438	56260.17761	56246.49609	504619.3	5410307.8
L4620.0	504619.3	5410307.8	33133.00000	333.97	0	48.845724	-86.937040	56204.05	56239.1	10.87	56214.92	56207.58203	56259.42191	56245.72656	504619.3	5410307.8
L4620.0	504619.3	5410309.8	33133.10156	335.25	0	48.845742	-86.937040	56205.08	56239.1	10.87	56215.95	56208.59375	56262.18517	56248.47656	504619.3	5410309.8
L4620.0	504619.3	5410311.4	33133.19922	335.78	0	48.845757	-86.937040	56206.04	56239.1	10.88	56216.92	56209.54297	56263.89987	56250.17969	504619.3	5410311.4
L4620.0	504619.3	5410311.4	33133.30078	334.14	0	48.845757	-86.937040	56206.83	56239.1	10.88	56217.71	56210.31641	56261.94357	56248.21094	504619.3	5410311.4
L4620.0	504619.3	5410313.2	33133.39844	334.83	0	48.845773	-86.937040	56207.96	56239.1	10.88	56218.84	56211.42969	56267.43152	56253.69141	504619.3	5410313.2
L4620.0	504619.3	5410315.1	33133.50000	334.54	0	48.845789	-86.937040	56208.68	56239.1	10.89	56219.56	56212.13281	56264.17556	56250.42578	504619.3	5410315.1
L4620.0	504619.3	5410315.1	33133.60156	339.19	0	48.845789	-86.937040	56209.63	56239.1	10.89	56220.51	56213.06641	56266.03323	56252.27734	504619.3	5410315.1
L4620.0	504619.2	5410317.1	33133.69922	339.14	0	48.845808	-86.937040	56210.53	56239.1	10.89	56221.42	56213.96094	56267.12111	56253.36328	504619.2	5410317.1
L4620.0	504619.2	5410318.7	33133.80078	338.95	0	48.845822	-86.937040	56211.40	56239.1	10.89	56222.30	56214.82813	56267.63141	56253.86719	504619.2	5410318.7
L4620.0	504619.2	5410318.7	33133.89844	338.82	0	48.845822	-86.937040	56212.22	56239.1	10.90	56223.12	56215.63281	56266.86245	56253.09766	504619.2	5410318.7
L4620.0	504619.2	5410320.1	33134.00000	337.67	0	48.845835	-86.937040	56213.47	56239.1	10.90	56224.37	56216.87109	56275.95248	56262.18359	504619.2	5410320.1
L4620.0	504619.2	5410322.1	33134.10156	339.83	0	48.845852	-86.937041	56214.11	56239.1	10.90	56225.01	56217.50000	56271.23265	56257.46484	504619.2	5410322.1
L4620.0	504619.2	5410322.1	33134.19922	338.33	0	48.845852	-86.937041	56214.92	56239.1	10.90	56225.82	56218.29688	56270.44222	56256.67578	504619.2	5410322.1
L4620.0	504619.2	5410324.0	33134.30078	337.05	0	48.845870	-86.937041	56216.26	56239.1	10.90	56227.15	56219.61719	56281.68496	56267.91797	504619.2	5410324.0
L4620.0	504619.2	5410325.6	33134.39844	320.76	0	48.845884	-86.937041	56216.46	56239.1	10.90	56227.35	56219.80859	56266.96996	56253.20703	504619.2	5410325.6
L4620.0	504619.1	5410327.0	33134.50000	321.61	0	48.845897	-86.937041	56217.78	56239.1	10.90	56228.67	56221.11719	56278.12828	56264.36719	504619.1	5410327.0
L4620.0	504619.1	5410327.0	33134.60156	335.70	0	48.845897	-86.937041	56218.04	56239.1	10.89	56228.93	56221.37109	56264.93706	56251.17969	504619.1	5410327.0
L4620.0	504619.1	5410328.8	33134.60156	335.70	0	48.845913	-86.937041	56219.57	56239.1	10.89	56230.47	56222.90234	56281.27357	56267.51953	504619.1	5410328.8
L4620.0	504619.1	5410328.8	33134.80078	336.28	0	48.845913	-86.937041	56220.11	56239.1	10.89	56231.00	56223.42578	56274.46494	56260.71875	504619.1	5410328.8
L4620.0	504619.1	5410330.5	33134.89844	337.08	0	48.845929	-86.937042	56221.27	56239.1	10.89	56232.16	56224.57813	56282.15308	56268.41016	504619.1	5410330.5
L4620.0	504619.1	5410330.5	33135.00000	337.66	0	48.845929	-86.937042	56221.46	56239.1	10.89	56232.35	56224.76172	56267.81551	56254.08203	504619.1	5410330.5
L4620.0	504619.1	5410333.4	33135.10156	337.61	0	48.845955	-86.937042	56222.91	56239.1	10.89	56233.81	56226.21484	56282.39776	56268.67188	504619.1	5410333.4
L4620.0	504619.1	5410333.4	33135.19922	338.89	0	48.845955	-86.937042	56223.27	56239.1	10.90	56234.16	56226.55859	56271.95616	56258.23438	504619.1	5410333.4
L4620.0	504619.1	5410335.4	33135.30078	340.63	0	48.845973	-86.937042	56224.48	56239.1	10.90	56235.39	56227.78516	56281.37401	56267.66016	504619.1	5410335.4
L4620.0	504619.1	5410335.4	33135.39844	338.17	0	48.845973	-86.937042	56225.06	56239.1	10.91	56235.97	56228.35938	56276.32845	56262.62500	504619.1	5410335.4
L4620.0	504619.1	5410337.2	33135.50000	335.32	0	48.845988	-86.937042	56226.08	56239.1	10.91	56236.99	56229.37500	56281.12297	56267.42969	504619.1	5410337.2
L4620.0	504619.1	5410338.9	33135.60156	334.63	0	48.846003	-86.937042	56226.46	56239.1	10.91	56237.38	56229.76172	56272.14212	56258.45703	504619.1	5410338.9
L4620.0	504619.1	5410340.5	33135.69922	332.46	0	48.846019	-86.937042	56227.63	56239.1	10.92	56238.55	56230.92969	56280.32076	56266.64453	504619.1	5410340.5
L4620.0	504619.1	5410340.5	33135.80078	334.48	0	48.846019	-86.937042	56228.50	56239.1	10.92	56239.43	56231.80859	56282.22899	56268.56250	504619.1	5410340.5
L4620.0	504619.1	5410342.1	33135.89844	335.67	0	48.846032	-86.937042	56228.91	56239.1	10.93	56239.83	56232.20703	56273.93372	56260.27734	504619.1	5410342.1
L4620.0	504619.1	5410343.8	33136.00000	333.78	0	48.846047	-86.937042	56230.19	56239.1	10.93	56241.12	56233.49609	56284.80531	56271.16016	504619.1	5410343.8
L4620.0	504619.1	5410345.2	33136.10156	322.60	0	48.846060	-86.937042	56230.82	56239.1	10.93	56241.75	56234.12500	56281.66200	56268.02734	504619.1	5410345.2
L4620.0	504619.1	5410345.2	33136.19922	321.28	0	48.846060	-86.937042	56231.41	56239.1	10.94	56242.35	56234.72266	56278.00931	56264.38672	504619.1	5410345.2
L4620.0	504619.1	5410346.9	33136.30078	335.83	0	48.846076	-86.937042	56232.62	56239.1	10.94	56243.56	56235.93359	56287.29967	56273.68750	504619.1	5410346.9
L4620.0	504619.1	5410346.9	33136.39844	333.76	0	48.846076	-86.937042	56232.91	56239.1	10.94	56243.86	56236.23047	56277.54530	56263.94531	504619.1	5410346.9
L4620.0	504619.1	5410349.1	33136.50000	331.91	0	48.846096	-86.937042	56233.66	56239.1	10.94	56244.61	56236.98047	56277.33370	56263.74609	504619.1	5410349.1
L4620.0	504619.1	5410350.9	33136.60156	322.33	0	48.846112	-86.937042	56234.57	56239.1	10.95	56245.52	56237.89453	56280.53412	56266.95703	504619.1	5410350.9
L4620.0	504619.1	5410350.9	33136.60156	322.33	0	48.846112	-86.937042	56235.08	56239.1	10.95	56246.03	56238.40625	56275.48235	56261.91797	504619.1	5410350.9
L4620.0	504619.0	5410353.1	33136.80078	341.67	0	48.846131	-86.937042	56236.14	56239	10.95	56247.10	56239.47656	56282.14711	56268.59375	504619.0	5410353.1

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4620.0	504619.0	5410354.6	33136.89844	341.36	0	48.846145	-86.937042	56237.03	56239	10.96	56247.98	56240.35938	56284.93293	56271.39063	504619.0	5410354.6
L4620.0	504619.0	5410354.6	33137.00000	341.13	0	48.846145	-86.937042	56237.66	56239	10.96	56248.62	56241.00000	56282.81356	56269.28125	504619.0	5410354.6
L4620.0	504619.0	5410356.3	33137.10156	321.29	0	48.846161	-86.937043	56238.71	56239	10.96	56249.68	56242.06250	56289.47510	56275.95703	504619.0	5410356.3
L4620.0	504619.0	5410358.1	33137.19922	319.08	0	48.846176	-86.937043	56239.19	56239	10.96	56250.15	56242.53516	56283.95537	56270.44922	504619.0	5410358.1
L4620.0	504619.0	5410358.1	33137.30078	339.16	0	48.846176	-86.937043	56239.84	56239	10.96	56250.80	56243.18750	56282.22259	56268.72656	504619.0	5410358.1
L4620.0	504619.0	5410359.5	33137.39844	336.13	0	48.846189	-86.937043	56240.70	56239	10.96	56251.66	56244.05078	56284.90181	56271.41797	504619.0	5410359.5
L4620.0	504619.0	5410361.2	33137.50000	336.86	0	48.846204	-86.937042	56241.45	56239	10.96	56252.41	56244.80469	56285.33315	56271.85938	504619.0	5410361.2
L4620.0	504619.0	5410361.2	33137.60156	333.65	0	48.846204	-86.937042	56242.54	56239	10.97	56253.50	56245.89844	56292.87666	56279.41406	504619.0	5410361.2
L4620.0	504619.0	5410363.2	33137.69922	333.03	0	48.846222	-86.937042	56242.97	56239	10.97	56253.94	56246.34375	56286.90073	56273.44922	504619.0	5410363.2
L4620.0	504619.0	5410363.2	33137.80078	333.49	0	48.846222	-86.937042	56243.98	56239	10.97	56254.95	56247.35938	56292.80308	56279.36328	504619.0	5410363.2
L4620.0	504619.0	5410364.7	33137.89844	331.99	0	48.846236	-86.937042	56244.69	56239	10.97	56255.66	56248.07422	56292.45999	56279.03125	504619.0	5410364.7
L4620.0	504619.1	5410366.4	33138.00000	332.45	0	48.846251	-86.937042	56245.16	56239	10.97	56256.13	56248.55078	56287.15152	56273.73438	504619.1	5410366.4
L4620.0	504619.1	5410366.4	33138.10156	332.41	0	48.846251	-86.937042	56245.98	56239	10.97	56256.95	56249.37500	56289.08602	56275.67969	504619.1	5410366.4
L4620.0	504619.1	5410368.5	33138.19922	332.24	0	48.846270	-86.937042	56246.93	56239	10.97	56257.90	56250.33203	56293.64116	56280.24609	504619.1	5410368.5
L4620.0	504619.1	5410370.2	33138.30078	334.54	0	48.846285	-86.937041	56247.77	56239	10.96	56258.74	56251.17969	56295.87755	56282.49219	504619.1	5410370.2
L4620.0	504619.1	5410371.2	33138.39844	335.47	0	48.846294	-86.937041	56248.40	56239	10.96	56259.36	56251.80469	56293.64098	56280.26563	504619.1	5410371.2
L4620.0	504619.2	5410373.0	33138.50000	334.62	0	48.846311	-86.937040	56249.03	56239	10.96	56259.99	56252.44141	56291.63170	56278.26563	504619.2	5410373.0
L4620.0	504619.2	5410373.0	33138.60156	332.92	0	48.846311	-86.937040	56249.73	56239	10.96	56260.69	56253.14844	56291.02531	56277.67188	504619.2	5410373.0
L4620.0	504619.2	5410374.8	33138.60156	332.92	0	48.846327	-86.937040	56250.58	56239	10.96	56261.54	56254.00781	56293.30739	56279.96484	504619.2	5410374.8
L4620.0	504619.2	5410376.1	33138.80078	333.14	0	48.846338	-86.937039	56251.24	56239	10.95	56262.20	56254.67578	56291.96213	56278.62891	504619.2	5410376.1
L4620.0	504619.2	5410376.1	33138.89844	331.93	0	48.846338	-86.937039	56252.00	56239	10.95	56262.96	56255.44531	56292.53928	56279.21484	504619.2	5410376.1
L4620.0	504619.3	5410377.8	33139.00000	331.42	0	48.846354	-86.937039	56252.74	56239.1	10.95	56263.69	56256.18359	56292.59084	56279.27734	504619.3	5410377.8
L4620.0	504619.3	5410379.6	33139.10156	329.47	0	48.846370	-86.937039	56253.36	56239	10.95	56264.32	56256.82031	56289.07380	56275.76953	504619.3	5410379.6
L4620.0	504619.3	5410379.6	33139.19922	318.28	0	48.846370	-86.937039	56254.36	56239	10.96	56265.31	56257.82031	56295.60135	56282.30469	504619.3	5410379.6
L4620.0	504619.3	5410381.4	33139.30078	316.54	0	48.846386	-86.937038	56254.99	56239	10.96	56265.95	56258.46875	56293.43279	56280.14844	504619.3	5410381.4
L4620.0	504619.4	5410382.6	33139.39844	317.29	0	48.846397	-86.937038	56255.99	56239	10.96	56266.95	56259.48047	56299.99893	56286.72266	504619.4	5410382.6
L4620.0	504619.4	5410384.7	33139.50000	319.10	0	48.846416	-86.937037	56256.80	56239	10.96	56267.76	56260.30078	56301.98364	56288.71484	504619.4	5410384.7
L4620.0	504619.4	5410384.7	33139.60156	321.28	0	48.846416	-86.937037	56257.49	56239	10.97	56268.46	56261.00781	56301.51287	56288.25391	504619.4	5410384.7
L4620.0	504619.4	5410386.9	33139.69922	317.35	0	48.846436	-86.937037	56258.06	56239	10.97	56269.03	56261.58984	56298.28554	56285.03516	504619.4	5410386.9
L4620.0	504619.4	5410386.9	33139.80078	317.40	0	48.846436	-86.937037	56258.76	56239	10.97	56269.74	56262.31250	56298.44149	56285.20313	504619.4	5410386.9
L4620.0	504619.4	5410388.6	33139.89844	320.87	0	48.846451	-86.937037	56259.43	56239	10.98	56270.41	56262.99219	56297.90580	56284.67578	504619.4	5410388.6
L4620.0	504619.4	5410390.1	33140.00000	321.18	0	48.846464	-86.937037	56260.27	56239	10.98	56271.25	56263.84375	56301.32941	56288.10547	504619.4	5410390.1
L4620.0	504619.4	5410390.1	33140.10156	319.80	0	48.846464	-86.937037	56260.96	56239	10.98	56271.94	56264.54688	56301.65956	56288.44531	504619.4	5410390.1
L4620.0	504619.4	5410391.8	33140.19922	320.80	0	48.846479	-86.937037	56261.76	56239	10.98	56272.74	56265.35547	56304.65414	56291.44922	504619.4	5410391.8
L4620.0	504619.4	5410393.7	33140.30078	319.80	0	48.846497	-86.937037	56262.45	56239	10.98	56273.42	56266.05078	56305.22218	56292.02734	504619.4	5410393.7
L4620.0	504619.4	5410393.7	33140.39844	322.82	0	48.846497	-86.937037	56263.01	56239	10.98	56273.98	56266.62109	56303.25626	56290.07031	504619.4	5410393.7
L4620.0	504619.4	5410394.9	33140.50000	320.63	0	48.846508	-86.937037	56263.84	56239	10.97	56274.82	56267.47656	56307.90478	56294.72656	504619.4	5410394.9
L4620.0	504619.4	5410396.4	33140.60156	321.02	0	48.846521	-86.937037	56264.36	56239	10.97	56275.34	56268.00781	56305.26643	56292.09766	504619.4	5410396.4
L4620.0	504619.4	5410397.9	33140.60156	321.02	0	48.846535	-86.937037	56265.02	56239	10.97	56275.99	56268.67188	56305.78648	56292.62891	504619.4	5410397.9
L4620.0	504619.4	5410397.9	33140.80078	321.65	0	48.846535	-86.937037	56265.84	56239	10.97	56276.81	56269.50391	56310.67957	56297.53125	504619.4	5410397.9
L4620.0	504619.4	5410399.4	33140.89844	323.46	0	48.846548	-86.937037	56266.54	56239	10.97	56277.51	56270.21875	56314.01482	56300.87500	504619.4	5410399.4
L4620.0	504619.4	5410401.0	33141.00000	320.37	0	48.846563	-86.937037	56267.21	56239	10.97	56278.18	56270.90234	56315.76391	56302.63672	504619.4	5410401.0
L4620.0	504619.4	5410401.0	33141.10156	320.52	0	48.846563	-86.937037	56268.04	56239	10.97	56279.01	56271.74609	56320.62182	56307.50391	504619.4	5410401.0
L4620.0	504619.4	5410403.3	33141.19922	319.69	0	48.846583	-86.937037	56268.59	56239	10.97	56279.56	56272.31250	56320.29185	56307.18359	504619.4	5410403.3
L4620.0	504619.4	5410404.8	33141.30078	336.12	0	48.846597	-86.937037	56269.34	56239	10.97	56280.31	56273.07813	56323.87057	56310.77344	504619.4	5410404.8
L4620.0	504619.4	5410404.8	33141.39844	337.70	0	48.846597	-86.937037	56270.16	56239	10.97	56281.13	56273.91406	56328.98396	56315.89844	504619.4	5410404.8
L4620.0	504619.4	5410406.8	33141.50000	339.80	0	48.846615	-86.937037	56270.48	56239	10.97	56281.45	56274.25000	56323.94659	56310.87109	504619.4	5410406.8
L4620.0	504619.4	5410408.3	33141.60156	337.69	0	48.846629	-86.937037	56271.20	56239	10.97	56282.17	56274.98438	56327.07398	56314.00781	504619.4	5410408.3
L4620.0	504619.4	5410408.3	33141.69922	338.51	0	48.846629	-86.937037	56271.63	56239	10.97	56282.60	56275.42969	56324.09300	56311.03906	504619.4	5410408.3
L4620.0	504619.4	5410410.8	33141.80078	338.12	0	48.846651	-86.937037	56272.50	56239	10.97	56283.47	56276.31641	56330.49824	56317.45703	504619.4	5410410.8
L4620.0	504619.4	5410412.1	33141.89844	337.27	0	48.846662	-86.937037	56272.95	56239	10.97	56283.92	56276.78516	56327.87492	56314.84766	504619.4	5410412.1
L4620.0	504619.4	5410413.8	33142.00000	336.17	0	48.846678	-86.937037	56273.68	56239	10.97	56284.65	56277.53125	56331.35009	56318.33594	504619.4	5410413.8
L4620.0	504619.4	5410413.8	33142.10156	335.38	0	48.846678	-86.937037	56274.41	56239	10.97	56285.38	56278.27734	56334.87193	56321.87109	504619.4	5410413.8
L4620.0	504619.4	5410415.5	33142.19922	334.94	0	48.846693	-86.937037	56274.87	56239	10.97	56285.84	56278.75781	56332.43569	56319.44922	504619.4	5410415.5
L4620.0	504619.4	5410415.5	33142.30078	334.54	0	48.846693	-86.937037	56275.61	56239	10.97	56286.58	56279.51563	56336.23260	56323.26172	504619.4	5410415.5
L4620.0	504619.4	5410417.0	33142.39844	335.85	0	48.846706	-86.937037	56276.13	56239	10.97	56287.10	56280.05078	56335.16887	56322.21094	504619.4	5410417.0
L4620.0	504619.4	5410419.0	33142.50000	336.56	0	48.846724	-86.937037	56276.79	56239	10.97	56287.76	56280.73047	56337.26159	56324.32031	504619.4	5410419.0
L4620.0	504619.4	5410420.5	33142.60156	335.15	0	48.846738	-86.937037	56277.40	56239	10.97	56288.37	56281.35938	56338.29809	56325.37109	504619.4	5410420.5
L4620.0	504619.4	5410420.5	33142.60156	335.15	0	48.846738	-86.937037	56277.86	56239	10.97	56288.83	56281.83984	56336.08987	56323.18359	504619.4	5410420.5
L4620.0	504619.4	5410422.2	33142.80078	335.34	0	48.846753	-86.937036	56278.50	56239	10.97	56289.47	56282.49609	56337.95767	56325.06641	504619.4	5410422.2
L4620.0	504619.4	5410423.8	33142.89844	331.58	0	48.846767	-86.937036	56279.06	56239	10.97	56290.03	56283.07813	56338.17370	56325.30078	504619.4	5410423.8
L4620.0	504619.4	5410423.8	33143.00000	333.64	0	48.846767	-86.937036	56279.88	56239	10.97	56290.85	56283.91797	56344.18300	56331.32813	504619.4	5410423.8
L4620.0	504619.4	5410425.3	33143.10156	331.52	0	48.846781	-86.937036	56280.16	56239	10.97	56291.13	56284.21875	56338.57756	56325.74609	504619.4	5410425.3
L4620.0	504619.5	5410426.8	33143.19922	334.37	0	48.846794	-86.937036	56280.84	56239	10.97	56291.82	56284.92578	56342.02336	56329.21094	504619.5	5410426.8
L4620.0	504619.5	5410428.5	33143.30078	333.63	0	48.846810	-86.937036	56281.16	56239	10.98	56292.14	56285.26953	56337.64092	56324.85156	504619.5	5410428.5
L4620.0	504619.5	5410428.5	33143.39844	333.79	0	48.846810	-86.937036	56282.06	56239	10.98	56293.04	56286.18750	56345.87838	56333.10938	504619.5	5410428.5
L4620.0	504619.5	5410430.3	33143.50000	335.32	0	48.846826	-86.937036	56282.36	56239	10.98	56293.33	56286.50000	56341.19351	56328.44922	504619.5	5410430.3
L4620.0	504619.5	5410431.8	33143.60156	318.52	0	48.846839	-86.937036	56283.14	56239	10.98	56294.12	56287.31250	56347.35597	56334.63672	504619.5	5410431.8
L4620.0	504619.5	5410431.8	33143.69922	321.08	0	48.846839	-86.937036	56283.32	56239	10.98	56294.30	56287.51172	56340.68054	56327.98438	504619.5	5410431.8
L4620.0	504619.5	5410433.2	33143.80078	338.09	0	48.846852	-86.937035	56284.06	56239	10.99	56295.05	56288.28516	56346.30178	56333.63281	504619.5	5410433.2
L4620.0	504619.5	5410434.9	33143.89844	338.38	0	48.846867	-86.937035	56284.44	56239	10.99	56295.43	56288.68750	56344.21783	56331.57422	504619.5	5410434.9
L4620.0	504619.5	5410434.9	33144.00000	337.56	0	48.846867	-86.937035	56284.98	56239	10.99	56295.97	56289.25000	56345.69360	56333.07813	504619.5	5410434.9
L4620.0	504619.5	5410436.7	33144.10156	336.39	0	48.846883	-86.937035	56285.46	56239	10.99	56296.45	56289.75391	56346.05388	56333.46875	504619.5	5410436.7
L4620.0	504619.5	5410438.3	33144.19922	333.88	0	48.846898	-86.937035	56285.85	56239	10.99	56296.84	56290.16406	56344.65856	56332.10156	504619.5	5410438.3
L4620.0	504619.5	5410440.3	33144.30078	333.37	0	48.846916	-86.937035	56286.54	56239	10.99	56297.52	56290.87109	56349.58014	56337.05469	504619.5	5410440.3
L4620.0	504619.5	5410440.3	33144.39844	332.28	0	48.846916	-86.937035	56286.92	56239	10.99	56297.91	56291.28125	56348.49082	56336.00000	504619.5	5410440.3
L4620.0	504619.5	5410442.0	33144.50000	318.50	0	48.846932	-86.937035	56287.42	56239	10.99	56298.41	56291.80469	56349.88969	56337.42969	504619.5	5410442.0
L4620.0	504619.5	5410442.0	33144.60156	316.33	0	48.846932	-86.937035	56287.89	56239	10.98	56298.88	56292.30078	56350.79318	56338.36719	504619.5	5410442.0
L4620.0	504619.5	5410444.3	33144.60156	316.33	0	48.846952	-86.937036	56288.20	56239	10.98	56299.18	56292.62500	56348.20259	56335.81250	504619.5	5410444.3
L4620.0	504619.5	5410445.6	33144.80078	332.59	0	48.846963	-86.937036	56288.76	56239	10.98	56299.74	56293.21094	56351.30112	56338.94922	504619.5	5410445.6
L4620.0	504619.4	5410447.1	33144.89844	332.93	0	48.846977	-86.937036	56289.06	56239	10.98	56300.04	56293.53516	56348.96970	56336.65625	504619.4	5410447.1
L4620.0	504619.4	5410447.1	33145.00000	333.43	0	48.846977	-86.937036	56289.57	56239	10.98	56300.55	56294.07031	56351.26934	56338.99609	504619.4	5410447.1
L4620.0	504619.4	5410448.6	33145.10156	335.61	0	48.846991	-86.937036	56290.09	56239	10.98	56301.06	56294.60547	56353.70786	56341.47266	504619.4	5410448.6
L4620.0	504619.4	5410448.6	33145.19922	338.31	0	48.846991	-86.937036	56290.41	56239	10.97	56301.38	56294.94922	56352.20302	56340.01172	504619.4	5410448.6
L4620.0	504619.4	5410451.0	33145.30078	338.46	0	48.847013	-86.937037	56290.70	56239	10.97	56301.67	56295.26563	56350.18279	56338.03516	504619.4	5410451.0
L4620.0	504619.4	5410452.3	33145.39844	337.52	0	48.847024	-86.937037	56291.11	56239	10.97	56302.07	56295.69141	56350.66094	56338.55469	504619.4	5410452.3
L4620.0	504619.4	5410452.3	33145.50000	335.53	0	48.847024	-86.937037	56291.52	56239	10.96	56302.48	56296.12500	56351.48739	56339.42578	504619.4	5410452.3
L4620.0	504619.3	5410454.3	33145.60156	335.02	0	48.847042	-86.937038	56292.00	56239	10.96	56302.96	56296.63281	56353.95525	56341.94141	504619.3	5410454.3
L4620.0	504619.3	5410456.3	33145.69922	334.33	0	48.847060	-86.937038	56292.18	56239	10.96	56303.14	56296.83984	56350.06479	56338.09766	504619.3	5410456.3
L4620.0	504619.3	5410456.3	33145.80078	333.44	0	48.847060	-86.937038	56292.36	56239	10.96	56303.31	56297.03516	56346.07061	56334.15234	504619.3	5410456.3
L4620.0	504619.2	5410458.0	33145.89844	331.41	0	48.847075	-86.937039	56292.84	56239	10.95	56303.79	56297.54297	56348.89915	56337.03125	504619.2	5410458.0
L4620.0	504619.2	5410459.2	33146.00000	332.45	0	48.847086	-86.937039	56293.22	56239.1	10.95	56304.17	56297.94922	56349.67927	56337.86328	504619.2	5410459.2
L4620.0	504619.2	5410459.2	33146.10156	332.77	0	48.847086	-86.937039	56293.52	56239	10.95	56304.47	56298.27734	56348.84064	56337.07422	504619.2	5410459.2

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4620.0	504619.2	5410460.8	33146.19922	334.96	0	48.847100	-86.937039	56294.04	56239	10.95	56304.99	56298.82422	56352.87810	56341.16797	504619.2	5410460.8
L4620.0	504619.2	5410462.8	33146.30078	335.66	0	48.847118	-86.937039	56294.27	56239	10.95	56305.22	56299.08203	56350.74259	56339.08594	504619.2	5410462.8
L4620.0	504619.1	5410464.8	33146.39844	333.87	0	48.847136	-86.937040	56294.55	56239	10.95	56305.50	56299.38672	56349.80280	56338.20313	504619.1	5410464.8
L4620.0	504619.1	5410464.8	33146.50000	336.47	0	48.847136	-86.937040	56294.98	56239	10.96	56305.94	56299.85547	56352.43882	56340.89453	504619.1	5410464.8
L4620.0	504619.1	5410466.3	33146.60156	323.88	0	48.847150	-86.937040	56295.14	56239	10.96	56306.10	56300.04297	56349.14074	56337.65625	504619.1	5410466.3
L4620.0	504619.1	5410466.3	33146.60156	323.88	0	48.847150	-86.937040	56295.54	56239	10.96	56306.50	56300.47266	56351.15209	56339.73047	504619.1	5410466.3
L4620.0	504619.1	5410467.7	33146.80078	338.89	0	48.847163	-86.937040	56295.96	56239	10.96	56306.92	56300.91797	56353.71683	56342.35547	504619.1	5410467.7
L4620.0	504619.1	5410469.2	33146.89844	337.41	0	48.847176	-86.937041	56296.00	56239	10.96	56306.96	56300.98828	56348.19328	56336.89453	504619.1	5410469.2
L4620.0	504619.1	5410471.0	33147.00000	339.14	0	48.847192	-86.937041	56296.62	56239	10.96	56307.58	56301.63672	56355.32503	56344.08594	504619.1	5410471.0
L4620.0	504619.1	5410471.0	33147.10156	324.73	0	48.847192	-86.937041	56296.74	56239	10.96	56307.70	56301.78516	56351.76871	56340.59766	504619.1	5410471.0
L4620.0	504619.0	5410472.5	33147.19922	322.30	0	48.847205	-86.937041	56296.76	56239	10.96	56307.72	56301.83203	56346.15544	56335.05078	504619.0	5410472.5
L4620.0	504619.0	5410472.5	33147.30078	334.48	0	48.847205	-86.937041	56297.21	56239	10.96	56308.17	56302.31250	56349.97658	56338.93750	504619.0	5410472.5
L4620.0	504619.0	5410475.7	33147.39844	334.02	0	48.847234	-86.937041	56297.66	56239	10.96	56308.62	56302.78906	56353.92834	56342.95703	504619.0	5410475.7
L4620.0	504619.0	5410475.7	33147.50000	334.36	0	48.847234	-86.937041	56297.89	56239	10.96	56308.85	56303.05078	56353.21027	56342.30859	504619.0	5410475.7
L4620.0	504619.0	5410477.8	33147.60156	333.61	0	48.847253	-86.937041	56298.20	56239	10.96	56309.16	56303.38672	56354.34413	56343.51172	504619.0	5410477.8
L4620.0	504619.0	5410479.4	33147.69922	331.87	0	48.847268	-86.937041	56298.43	56239	10.96	56309.39	56303.64844	56353.82570	56343.06250	504619.0	5410479.4
L4620.0	504619.0	5410479.4	33147.80078	332.89	0	48.847268	-86.937041	56298.53	56239	10.96	56309.49	56303.77734	56350.52963	56339.83984	504619.0	5410479.4
L4620.0	504619.0	5410481.1	33147.89844	334.09	0	48.847283	-86.937041	56298.58	56239	10.96	56309.54	56303.85547	56346.18949	56335.57422	504619.0	5410481.1
L4620.0	504619.0	5410482.6	33148.00000	335.23	0	48.847296	-86.937041	56298.99	56239	10.96	56309.95	56304.29297	56349.89424	56339.35156	504619.0	5410482.6
L4620.0	504619.0	5410482.6	33148.10156	334.38	0	48.847296	-86.937041	56299.53	56239	10.96	56310.48	56304.85156	56356.38116	56345.91406	504619.0	5410482.6
L4620.0	504619.0	5410484.4	33148.19922	337.07	0	48.847313	-86.937041	56299.78	56239.1	10.95	56310.73	56305.13281	56356.72553	56346.33594	504619.0	5410484.4
L4620.0	504619.0	5410486.1	33148.30078	337.53	0	48.847328	-86.937042	56299.86	56239.1	10.94	56310.80	56305.23047	56353.09857	56342.78516	504619.0	5410486.1
L4620.0	504619.0	5410487.9	33148.39844	334.83	0	48.847344	-86.937042	56299.98	56239.1	10.94	56310.92	56305.37891	56350.63411	56340.39844	504619.0	5410487.9
L4620.0	504619.0	5410487.9	33148.50000	336.41	0	48.847344	-86.937042	56300.37	56239.1	10.94	56311.30	56305.78906	56354.09604	56343.93750	504619.0	5410487.9
L4620.0	504619.0	5410489.6	33148.60156	337.25	0	48.847360	-86.937042	56300.12	56239.1	10.93	56311.05	56305.57031	56343.31991	56333.24219	504619.0	5410489.6
L4620.0	504619.0	5410489.6	33148.60156	337.25	0	48.847360	-86.937042	56300.72	56239.1	10.93	56311.65	56306.19922	56351.87917	56341.88281	504619.0	5410489.6
L4620.0	504619.0	5410491.4	33148.80078	339.00	0	48.847376	-86.937042	56301.08	56239.1	10.92	56312.00	56306.57813	56354.77232	56344.85938	504619.0	5410491.4
L4620.0	504618.9	5410492.9	33148.89844	337.83	0	48.847389	-86.937042	56301.21	56239.1	10.92	56312.13	56306.73828	56352.63713	56342.80469	504618.9	5410492.9
L4620.0	504618.9	5410494.7	33149.00000	336.15	0	48.847406	-86.937042	56301.18	56239.1	10.91	56312.09	56306.72656	56346.61483	56336.86328	504618.9	5410494.7
L4620.0	504618.9	5410494.7	33149.10156	338.28	0	48.847406	-86.937042	56301.52	56239.1	10.91	56312.43	56307.09375	56349.25645	56339.58984	504618.9	5410494.7
L4620.0	504618.9	5410496.3	33149.19922	336.62	0	48.847420	-86.937043	56301.98	56239.1	10.91	56312.89	56307.58594	56354.60155	56345.01953	504618.9	5410496.3
L4620.0	504618.9	5410497.6	33149.30078	337.02	0	48.847431	-86.937043	56301.95	56239.1	10.92	56312.87	56307.59375	56349.08797	56339.58984	504618.9	5410497.6
L4620.0	504618.8	5410499.3	33149.39844	337.71	0	48.847447	-86.937044	56302.06	56239.1	10.92	56312.97	56307.72266	56346.33198	56336.91797	504618.8	5410499.3
L4620.0	504618.8	5410499.3	33149.50000	337.99	0	48.847447	-86.937044	56302.51	56239.1	10.92	56313.43	56308.21094	56351.64385	56342.31641	504618.8	5410499.3
L4620.0	504618.8	5410501.2	33149.60156	337.28	0	48.847464	-86.937044	56302.67	56239.1	10.92	56313.59	56308.39844	56350.27558	56341.03516	504618.8	5410501.2
L4620.0	504618.8	5410501.2	33149.69922	336.67	0	48.847464	-86.937044	56302.72	56239.1	10.92	56313.64	56308.48047	56346.53929	56337.38281	504618.8	5410501.2
L4620.0	504618.8	5410502.7	33149.80078	334.56	0	48.847477	-86.937045	56303.02	56239.1	10.93	56313.95	56308.81641	56348.57510	56339.50781	504618.8	5410502.7
L4620.0	504618.7	5410504.3	33149.89844	337.20	0	48.847491	-86.937045	56303.13	56239.1	10.93	56314.05	56308.94531	56346.06232	56337.08203	504618.7	5410504.3
L4620.0	504618.7	5410506.1	33150.00000	336.63	0	48.847508	-86.937046	56303.51	56239.1	10.93	56314.44	56309.36328	56349.90137	56341.00781	504618.7	5410506.1
L4620.0	504618.7	5410506.1	33150.10156	337.63	0	48.847508	-86.937046	56303.74	56239.1	10.93	56314.67	56309.62109	56350.30554	56341.50000	504618.7	5410506.1
L4620.0	504618.7	5410507.7	33150.19922	339.42	0	48.847522	-86.937046	56303.66	56239.1	10.93	56314.59	56309.57031	56344.08266	56335.36719	504618.7	5410507.7
L4620.0	504618.7	5410509.7	33150.30078	337.24	0	48.847540	-86.937046	56304.02	56239.1	10.92	56314.94	56309.94922	56347.17765	56338.55078	504618.7	5410509.7
L4620.0	504618.7	5410509.7	33150.39844	322.51	0	48.847540	-86.937046	56304.23	56239.1	10.92	56315.15	56310.18750	56347.30404	56338.76563	504618.7	5410509.7
L4620.0	504618.6	5410511.3	33150.50000	321.56	0	48.847555	-86.937046	56304.57	56239.1	10.92	56315.49	56310.55469	56350.26864	56341.82031	504618.6	5410511.3
L4620.0	504618.6	5410513.0	33150.60156	321.92	0	48.847570	-86.937046	56304.79	56239.1	10.92	56315.70	56310.79297	56350.46928	56342.10938	504618.6	5410513.0
L4620.0	504618.6	5410513.0	33150.60156	321.92	0	48.847570	-86.937046	56304.81	56239.1	10.92	56315.73	56310.85156	56346.80018	56338.52734	504618.6	5410513.0
L4620.0	504618.6	5410514.6	33150.80078	322.60	0	48.847584	-86.937046	56305.08	56239.1	10.91	56316.00	56311.14844	56348.31326	56340.13281	504618.6	5410514.6
L4620.0	504618.6	5410514.6	33150.89844	323.26	0	48.847584	-86.937046	56305.24	56239.1	10.91	56316.15	56311.32422	56347.22368	56339.13281	504618.6	5410514.6
L4620.0	504618.6	5410516.5	33151.00000	336.88	0	48.847602	-86.937046	56305.55	56239.1	10.91	56316.46	56311.66406	56349.59112	56341.58594	504618.6	5410516.5
L4620.0	504618.6	5410517.9	33151.10156	335.18	0	48.847614	-86.937046	56305.45	56239.1	10.91	56316.35	56311.57813	56342.80198	56334.88672	504618.6	5410517.9
L4620.0	504618.6	5410519.4	33151.19922	335.86	0	48.847627	-86.937046	56305.91	56239.1	10.91	56316.81	56312.06641	56348.38241	56340.55859	504618.6	5410519.4
L4620.0	504618.6	5410521.1	33151.30078	336.38	0	48.847643	-86.937046	56306.04	56239.1	10.90	56316.94	56312.22266	56346.74106	56339.00391	504618.6	5410521.1
L4620.0	504618.6	5410521.1	33151.39844	339.04	0	48.847643	-86.937046	56306.26	56239.1	10.90	56317.16	56312.46875	56347.01394	56339.36719	504618.6	5410521.1
L4620.0	504618.6	5410522.7	33151.50000	338.70	0	48.847658	-86.937046	56306.41	56239.1	10.90	56317.31	56312.64453	56345.71699	56338.15625	504618.6	5410522.7
L4620.0	504618.6	5410524.3	33151.60156	340.75	0	48.847672	-86.937046	56306.55	56239.1	10.90	56317.45	56312.81250	56344.16186	56336.69141	504618.6	5410524.3
L4620.0	504618.6	5410524.3	33151.69922	339.87	0	48.847672	-86.937046	56306.75	56239.1	10.90	56317.64	56313.02734	56343.63127	56336.24609	504618.6	5410524.3
L4620.0	504618.6	5410526.4	33151.80078	338.43	0	48.847691	-86.937046	56307.05	56239.1	10.89	56317.95	56313.36328	56345.59558	56338.30078	504618.6	5410526.4
L4620.0	504618.7	5410527.8	33151.89844	336.61	0	48.847703	-86.937046	56307.08	56239.1	10.89	56317.97	56313.41016	56341.29865	56334.08984	504618.7	5410527.8
L4620.0	504618.7	5410527.8	33152.00000	321.43	0	48.847703	-86.937046	56307.43	56239.1	10.89	56318.32	56313.78516	56343.92270	56336.80078	504618.7	5410527.8
L4620.0	504618.7	5410529.4	33152.10156	320.64	0	48.847717	-86.937046	56307.52	56239.1	10.89	56318.41	56313.89844	56341.03500	56333.99609	504618.7	5410529.4
L4620.0	504618.7	5410531.2	33152.19922	338.38	0	48.847734	-86.937045	56307.67	56239.1	10.89	56318.56	56314.07422	56339.38652	56332.43359	504618.7	5410531.2
L4620.0	504618.7	5410531.2	33152.30078	337.52	0	48.847734	-86.937045	56307.92	56239.1	10.89	56318.81	56314.34766	56339.73357	56332.86719	504618.7	5410531.2
L4620.0	504618.7	5410532.6	33152.39844	322.53	0	48.847746	-86.937045	56308.16	56239.1	10.89	56319.05	56314.61328	56339.81847	56333.03516	504618.7	5410532.6
L4620.0	504618.7	5410534.1	33152.50000	321.75	0	48.847759	-86.937045	56308.48	56239.1	10.89	56319.38	56314.96484	56341.58662	56334.88672	504618.7	5410534.1
L4620.0	504618.7	5410534.1	33152.60156	319.88	0	48.847759	-86.937045	56308.82	56239.1	10.90	56319.71	56315.32031	56343.24253	56336.62500	504618.7	5410534.1
L4620.0	504618.8	5410536.4	33152.60156	319.88	0	48.847780	-86.937044	56308.92	56239.1	10.90	56319.81	56315.44141	56340.53595	56334.00000	504618.8	5410536.4
L4620.0	504618.8	5410538.1	33152.80078	334.52	0	48.847796	-86.937044	56308.96	56239.1	10.90	56319.86	56315.51563	56337.00142	56330.55078	504618.8	5410538.1
L4620.0	504618.8	5410539.8	33152.89844	333.61	0	48.847811	-86.937044	56309.38	56239.1	10.90	56320.28	56315.95703	56340.87727	56334.50781	504618.8	5410539.8
L4620.0	504618.8	5410539.8	33153.00000	333.31	0	48.847811	-86.937044	56309.48	56239.1	10.90	56320.38	56316.08203	56337.34056	56331.05078	504618.8	5410539.8
L4620.0	504618.8	5410541.5	33153.10156	332.30	0	48.847827	-86.937044	56309.96	56239.1	10.90	56320.86	56316.58203	56343.24655	56337.03125	504618.8	5410541.5
L4620.0	504618.8	5410541.5	33153.19922	322.11	0	48.847827	-86.937044	56310.02	56239.1	10.90	56320.92	56316.66406	56338.77523	56332.64063	504618.8	5410541.5
L4620.0	504618.8	5410543.9	33153.30078	322.68	0	48.847848	-86.937043	56310.34	56239.1	10.90	56321.25	56317.01563	56340.84462	56334.78906	504618.8	5410543.9
L4620.0	504618.8	5410545.1	33153.39844	324.21	0	48.847859	-86.937043	56310.32	56239.1	10.90	56321.23	56317.01953	56334.64773	56328.66797	504618.8	5410545.1
L4620.0	504618.9	5410546.7	33153.50000	324.63	0	48.847873	-86.937043	56310.76	56239.1	10.90	56321.66	56317.46875	56338.98699	56333.08203	504618.9	5410546.7
L4620.0	504618.9	5410546.7	33153.60156	325.20	0	48.847873	-86.937043	56310.90	56239.1	10.91	56321.81	56317.64063	56336.81444	56330.98047	504618.9	5410546.7
L4620.0	504618.9	5410548.5	33153.69922	326.25	0	48.847890	-86.937042	56311.39	56239.1	10.91	56322.30	56318.15234	56342.33182	56336.57031	504618.9	5410548.5
L4620.0	504618.9	5410550.3	33153.80078	322.34	0	48.847905	-86.937042	56311.47	56239.1	10.91	56322.38	56318.25000	56338.55860	56332.87109	504618.9	5410550.3
L4620.0	504618.9	5410550.3	33153.89844	321.31	0	48.847905	-86.937042	56311.86	56239.1	10.91	56322.76	56318.65234	56341.46055	56335.84375	504618.9	5410550.3
L4620.0	504619.0	5410552.7	33154.00000	322.81	0	48.847927	-86.937041	56312.12	56239.1	10.91	56323.03	56318.94141	56341.86725	56336.32031	504619.0	5410552.7
L4620.0	504619.0	5410553.7	33154.10156	323.95	0	48.847937	-86.937041	56312.21	56239.1	10.91	56323.12	56319.05078	56338.31942	56332.83984	504619.0	5410553.7
L4620.0	504619.0	5410553.7	33154.19922	324.01	0	48.847937	-86.937041	56312.70	56239.1	10.91	56323.60	56319.54688	56343.19957	56337.78906	504619.0	5410553.7
L4620.0	504619.0	5410555.3	33154.30078	321.59	0	48.847950	-86.937041	56312.80	56239.1	10.91	56323.71	56319.67578	56340.04929	56334.70313	504619.0	5410555.3
L4620.0	504619.0	5410556.9	33154.39844	323.06	0	48.847965	-86.937040	56313.02	56239.1	10.91	56323.93	56319.91406	56339.24272	56333.96094	504619.0	5410556.9
L4620.0	504619.0	5410556.9	33154.50000	321.81	0	48.847965	-86.937040	56313.44	56239.1	10.91	56324.34	56320.34375	56342.40941	56337.19141	504619.0	5410556.9
L4620.0	504619.1	5410558.9	33154.60156	321.02	0	48.847983	-86.937040	56313.61	56239.1	10.90	56324.51	56320.53125	56340.48003	56335.32422	504619.1	5410558.9
L4620.0	504619.1	5410560.6	33154.60156	321.02	0	48.847998	-86.937039	56314.07	56239.1	10.90	56324.98	56321.01953	56344.76539	56339.67188	504619.1	5410560.6
L4620.0	504619.1	5410560.6	33154.80078	322.22	0	48.847998	-86.937039	56314.23	56239.1	10.90	56325.13	56321.18359	56342.37710	56337.34375	504619.1	5410560.6
L4620.0	504619.2	5410562.6	33154.89844	320.37	0	48.848016	-86.937038	56314.45	56239.1	10.90	56325.35	56321.42188	56341.42998	56336.45313	504619.2	5410562.6
L4620.0	504619.2	5410564.0	33155.00000	319.08	0	48.848029	-86.937038	56314.58	56239.1	10.90	56325.48	56321.56641	56338.64224	56333.72266	504619.2	5410564.0
L4620.0	504619.2	5410564.0	33155.10156	316.93	0	48.848029	-86.937038	56314.97	56239.1	10.90	56325.87	56321.97266	56341.12869	56336.26172	504619.2	5410564.0
L4620.0	504619.3	5410566.0	33155.19922	317.20	0	48.848047	-86.937037	56315.40	56239.1	10.91	56326.31	56322.42969	56344.58740	56339.77344	504619.3	5410566.0
L4620.0	504619.3	5410567.7	33155.30078	317.47	0	48.848062	-86.937037	56315.42	56239.1	10.91	56326.33	56322.46484	56339.54172	56334.78125	504619.3	5410567.7
L4620.0	504619.3	5410567.7	33155.39844	315.36	0	48.848062	-86.937037	56315.68	56239.1	10.92	56326.60	56322.74609	56339.52401	56334.81641	504619.3	5410567.7

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4620.0	504619.3	5410569.3	33155.50000	316.85	0	48.848076	-86.937036	56316.29	56239.1	10.92	56327.21	56323.37109	56346.31824	56341.65625	504619.3	5410569.3
L4620.0	504619.4	5410571.0	33155.60156	318.41	0	48.848092	-86.937036	56316.20	56239.1	10.92	56327.12	56323.29688	56339.01267	56334.39844	504619.4	5410571.0
L4620.0	504619.4	5410571.0	33155.69922	321.82	0	48.848092	-86.937036	56316.66	56239.1	10.93	56327.58	56323.76953	56342.73701	56338.16797	504619.4	5410571.0
L4620.0	504619.4	5410572.5	33155.80078	322.83	0	48.848105	-86.937035	56317.04	56239.1	10.93	56327.97	56324.17188	56345.03078	56340.50781	504619.4	5410572.5
L4620.0	504619.4	5410574.1	33155.89844	323.88	0	48.848120	-86.937035	56316.91	56239.1	10.94	56327.84	56324.05469	56336.84023	56332.35938	504619.4	5410574.1
L4620.0	504619.4	5410574.1	33156.00000	323.05	0	48.848120	-86.937035	56317.57	56239.1	10.94	56328.51	56324.73828	56344.74082	56340.30078	504619.4	5410574.1
L4620.0	504619.5	5410576.2	33156.10156	321.55	0	48.848138	-86.937034	56317.98	56239.1	10.94	56328.92	56325.16016	56347.40979	56343.00781	504619.5	5410576.2
L4620.0	504619.5	5410577.4	33156.19922	322.64	0	48.848149	-86.937034	56317.90	56239.1	10.95	56328.84	56325.08984	56340.12997	56335.76563	504619.5	5410577.4
L4620.0	504619.5	5410577.4	33156.30078	321.24	0	48.848149	-86.937034	56318.41	56239.1	10.95	56329.36	56325.62109	56345.04086	56340.71484	504619.5	5410577.4
L4620.0	504619.5	5410579.2	33156.39844	322.81	0	48.848165	-86.937033	56318.87	56239	10.95	56329.82	56326.09375	56348.78644	56344.49609	504619.5	5410579.2
L4620.0	504619.6	5410581.0	33156.50000	323.43	0	48.848182	-86.937033	56318.82	56239	10.96	56329.78	56326.06250	56342.17267	56337.91406	504619.6	5410581.0
L4620.0	504619.6	5410582.9	33156.60156	322.51	0	48.848199	-86.937032	56319.36	56239	10.96	56330.32	56326.61328	56347.66030	56343.43359	504619.6	5410582.9
L4620.0	504619.6	5410582.9	33156.60156	322.51	0	48.848199	-86.937032	56319.78	56239	10.96	56330.74	56327.04297	56350.72868	56346.53125	504619.6	5410582.9
L4620.0	504619.6	5410584.9	33156.80078	320.17	0	48.848217	-86.937032	56319.96	56239	10.96	56330.93	56327.24219	56348.87022	56344.69922	504619.6	5410584.9
L4620.0	504619.6	5410584.9	33156.89844	320.70	0	48.848217	-86.937032	56320.04	56239	10.97	56331.01	56327.33203	56344.47893	56340.33594	504619.6	5410584.9
L4620.0	504619.7	5410586.4	33157.00000	320.91	0	48.848231	-86.937031	56320.61	56239	10.97	56331.58	56327.91016	56351.02422	56346.90625	504619.7	5410586.4
L4620.0	504619.7	5410587.9	33157.10156	322.04	0	48.848244	-86.937031	56320.89	56239	10.97	56331.86	56328.19531	56351.08584	56346.98828	504619.7	5410587.9
L4620.0	504619.7	5410589.9	33157.19922	321.54	0	48.848262	-86.937031	56321.06	56239	10.97	56332.04	56328.38281	56348.73433	56344.65625	504619.7	5410589.9
L4620.0	504619.7	5410589.9	33157.30078	320.28	0	48.848262	-86.937031	56321.35	56239	10.97	56332.32	56328.67188	56348.65674	56344.60156	504619.7	5410589.9
L4620.0	504619.7	5410591.2	33157.39844	320.22	0	48.848273	-86.937030	56321.70	56239	10.97	56332.67	56329.02734	56350.26228	56346.22266	504619.7	5410591.2
L4620.0	504619.7	5410592.5	33157.50000	318.77	0	48.848285	-86.937030	56322.12	56239	10.98	56333.09	56329.45313	56353.66481	56349.64063	504619.7	5410592.5
L4620.0	504619.7	5410592.5	33157.60156	333.89	0	48.848285	-86.937030	56322.32	56239	10.98	56333.30	56329.66797	56352.55063	56348.54297	504619.7	5410592.5
L4620.0	504619.7	5410594.3	33157.69922	335.00	0	48.848301	-86.937030	56322.57	56239	10.98	56333.54	56329.91406	56351.84340	56347.84766	504619.7	5410594.3
L4620.0	504619.7	5410596.2	33157.80078	336.15	0	48.848318	-86.937030	56323.00	56239	10.98	56333.98	56330.35938	56354.82521	56350.83984	504619.7	5410596.2
L4620.0	504619.7	5410597.7	33157.89844	335.09	0	48.848332	-86.937031	56323.36	56239	10.98	56334.34	56330.72266	56356.31514	56352.33984	504619.7	5410597.7
L4620.0	504619.7	5410597.7	33158.00000	335.47	0	48.848332	-86.937031	56323.49	56239	10.98	56334.47	56330.85547	56353.25427	56349.28516	504619.7	5410597.7
L4620.0	504619.7	5410599.5	33158.10156	334.68	0	48.848348	-86.937031	56323.77	56239	10.98	56334.75	56331.14063	56353.00428	56349.04297	504619.7	5410599.5
L4620.0	504619.7	5410600.9	33158.19922	335.06	0	48.848361	-86.937031	56324.38	56239	10.99	56335.37	56331.76563	56359.59279	56355.63281	504619.7	5410600.9
L4620.0	504619.7	5410600.9	33158.30078	336.55	0	48.848361	-86.937031	56324.56	56239	10.99	56335.55	56331.94531	56357.17762	56353.22266	504619.7	5410600.9
L4620.0	504619.7	5410602.9	33158.39844	335.42	0	48.848379	-86.937031	56324.74	56239	10.99	56335.73	56332.12891	56354.59441	56350.64063	504619.7	5410602.9
L4620.0	504619.6	5410604.5	33158.50000	336.32	0	48.848393	-86.937031	56325.17	56239	11.00	56336.16	56332.55859	56357.13504	56353.17969	504619.6	5410604.5
L4620.0	504619.6	5410606.0	33158.60156	337.44	0	48.848406	-86.937031	56325.66	56239	11.00	56336.66	56333.06250	56361.09192	56357.13281	504619.6	5410606.0
L4620.0	504619.6	5410606.0	33158.60156	337.44	0	48.848406	-86.937031	56325.89	56239	11.00	56336.89	56333.29297	56359.19858	56355.23828	504619.6	5410606.0
L4620.0	504619.6	5410608.0	33158.80078	337.84	0	48.848425	-86.937032	56326.12	56239	11.00	56337.13	56333.53125	56357.39383	56353.42578	504619.6	5410608.0
L4620.0	504619.6	5410609.5	33158.89844	339.81	0	48.848438	-86.937032	56326.51	56239	11.01	56337.52	56333.92188	56358.67426	56354.70313	504619.6	5410609.5
L4620.0	504619.6	5410609.5	33159.00000	338.87	0	48.848438	-86.937032	56327.06	56239	11.01	56338.07	56334.47266	56363.21376	56359.23047	504619.6	5410609.5
L4620.0	504619.6	5410611.2	33159.10156	335.23	0	48.848453	-86.937032	56327.35	56239	11.01	56338.36	56334.76172	56362.13806	56358.14453	504619.6	5410611.2
L4620.0	504619.6	5410611.2	33159.19922	335.49	0	48.848453	-86.937032	56327.42	56239	11.01	56338.43	56334.83203	56356.44360	56352.43750	504619.6	5410611.2
L4620.0	504619.6	5410612.9	33159.30078	324.08	0	48.848469	-86.937032	56328.01	56239	11.01	56339.02	56335.41797	56361.42043	56357.40234	504619.6	5410612.9
L4620.0	504619.6	5410614.7	33159.39844	323.41	0	48.848485	-86.937032	56328.36	56239	11.01	56339.38	56335.77734	56361.56821	56357.53516	504619.6	5410614.7
L4620.0	504619.6	5410614.7	33159.50000	332.38	0	48.848485	-86.937032	56328.44	56239	11.01	56339.45	56335.84375	56355.91769	56351.87109	504619.6	5410614.7
L4620.0	504619.6	5410616.8	33159.60156	334.16	0	48.848504	-86.937032	56328.92	56239	11.02	56339.94	56336.33203	56358.58179	56354.51563	504619.6	5410616.8
L4620.0	504619.6	5410617.8	33159.69922	321.89	0	48.848513	-86.937032	56329.23	56239	11.02	56340.25	56336.63672	56357.67878	56353.59375	504619.6	5410617.8
L4620.0	504619.6	5410619.1	33159.80078	319.10	0	48.848524	-86.937032	56329.82	56239	11.02	56340.84	56337.22266	56362.07022	56357.96484	504619.6	5410619.1
L4620.0	504619.6	5410620.6	33159.89844	330.41	0	48.848538	-86.937032	56329.95	56239	11.02	56340.97	56337.34766	56357.74787	56353.62109	504619.6	5410620.6
L4620.0	504619.6	5410622.1	33160.00000	326.54	0	48.848551	-86.937032	56330.22	56239	11.02	56341.24	56337.61328	56356.10357	56351.95313	504619.6	5410622.1
L4620.0	504619.6	5410622.1	33160.10156	327.44	0	48.848551	-86.937032	56330.69	56239	11.03	56341.71	56338.07813	56358.13365	56353.95703	504619.6	5410622.1
L4620.0	504619.6	5410623.8	33160.19922	328.82	0	48.848567	-86.937032	56331.25	56239	11.03	56342.28	56338.64063	56361.92964	56357.72656	504619.6	5410623.8
L4620.0	504619.6	5410623.8	33160.30078	319.71	0	48.848567	-86.937032	56331.40	56239	11.04	56342.44	56338.79688	56358.30042	56354.07031	504619.6	5410623.8
L4620.0	504619.5	5410627.1	33160.39844	321.56	0	48.848596	-86.937033	56331.76	56239	11.04	56342.80	56339.14844	56358.28083	56354.02344	504619.5	5410627.1
L4620.0	504619.5	5410627.1	33160.50000	334.74	0	48.848596	-86.937033	56332.12	56238.9	11.05	56343.17	56339.51172	56358.42365	56354.13672	504619.5	5410627.1
L4620.0	504619.5	5410628.8	33160.60156	322.48	0	48.848612	-86.937033	56332.47	56238.9	11.06	56343.52	56339.85156	56358.18519	56353.86719	504619.5	5410628.8
L4620.0	504619.5	5410628.8	33160.60156	322.48	0	48.848612	-86.937033	56332.78	56238.9	11.06	56343.84	56340.16406	56357.37802	56353.02734	504619.5	5410628.8
L4620.0	504619.5	5410630.8	33160.80078	337.04	0	48.848630	-86.937034	56333.32	56238.9	11.07	56344.38	56340.69531	56360.46005	56356.07422	504619.5	5410630.8
L4620.0	504619.4	5410632.5	33160.89844	321.68	0	48.848645	-86.937034	56333.70	56238.9	11.07	56344.77	56341.07813	56360.82084	56356.40234	504619.4	5410632.5
L4620.0	504619.4	5410632.5	33161.00000	320.04	0	48.848645	-86.937034	56334.18	56238.9	11.08	56345.26	56341.55859	56362.92795	56358.47266	504619.4	5410632.5
L4620.0	504619.4	5410634.0	33161.10156	336.06	0	48.848659	-86.937034	56334.36	56238.9	11.08	56345.44	56341.72656	56359.41593	56354.92578	504619.4	5410634.0
L4620.0	504619.4	5410635.6	33161.19922	335.44	0	48.848673	-86.937034	56334.85	56238.9	11.08	56345.93	56342.20703	56361.40983	56356.87891	504619.4	5410635.6
L4620.0	504619.4	5410637.4	33161.30078	323.66	0	48.848689	-86.937034	56335.34	56238.9	11.08	56346.42	56342.68750	56363.33981	56358.77344	504619.4	5410637.4
L4620.0	504619.4	5410637.4	33161.39844	324.05	0	48.848689	-86.937034	56335.66	56238.9	11.08	56346.74	56342.99609	56362.13243	56357.52344	504619.4	5410637.4
L4620.0	504619.4	5410639.2	33161.50000	335.60	0	48.848705	-86.937034	56336.05	56238.9	11.08	56347.13	56343.37500	56362.10254	56357.45313	504619.4	5410639.2
L4620.0	504619.4	5410639.2	33161.60156	333.38	0	48.848705	-86.937034	56336.42	56238.9	11.08	56347.50	56343.73047	56361.62812	56356.93750	504619.4	5410639.2
L4620.0	504619.5	5410641.0	33161.69922	330.85	0	48.848721	-86.937033	56336.74	56238.9	11.08	56347.82	56344.03906	56360.17581	56355.44141	504619.5	5410641.0
L4620.0	504619.5	5410642.4	33161.80078	330.13	0	48.848734	-86.937033	56337.53	56238.9	11.08	56348.61	56344.81641	56369.40824	56364.63281	504619.5	5410642.4
L4620.0	504619.5	5410644.2	33161.89844	320.52	0	48.848750	-86.937033	56337.70	56238.9	11.08	56348.78	56344.97266	56363.20251	56358.38281	504619.5	5410644.2
L4620.0	504619.5	5410644.2	33162.00000	322.49	0	48.848750	-86.937033	56338.09	56238.9	11.08	56349.17	56345.34766	56362.47754	56357.61328	504619.5	5410644.2
L4620.0	504619.5	5410646.6	33162.10156	331.67	0	48.848772	-86.937033	56338.42	56238.9	11.08	56349.50	56345.66406	56360.19149	56355.28125	504619.5	5410646.6
L4620.0	504619.5	5410646.6	33162.19922	321.15	0	48.848772	-86.937033	56339.04	56238.9	11.09	56350.13	56346.27734	56365.08203	56360.12500	504619.5	5410646.6
L4620.0	504619.5	5410648.0	33162.30078	320.70	0	48.848784	-86.937032	56339.38	56238.9	11.10	56350.48	56346.61328	56363.09036	56358.08594	504619.5	5410648.0
L4620.0	504619.6	5410649.6	33162.39844	323.66	0	48.848799	-86.937032	56339.85	56238.9	11.10	56350.95	56347.06641	56363.85470	56358.80469	504619.6	5410649.6
L4620.0	504619.6	5410649.6	33162.50000	323.52	0	48.848799	-86.937032	56340.13	56238.9	11.10	56351.23	56347.33203	56360.19396	56355.09375	504619.6	5410649.6
L4620.0	504619.6	5410651.3	33162.60156	322.28	0	48.848814	-86.937032	56340.75	56238.9	11.11	56351.86	56347.94531	56364.38557	56359.23828	504619.6	5410651.3
L4620.0	504619.6	5410652.9	33162.60156	322.28	0	48.848829	-86.937032	56341.15	56238.9	11.11	56352.26	56348.32813	56363.32650	56358.12891	504619.6	5410652.9
L4620.0	504619.6	5410652.9	33162.80078	318.98	0	48.848829	-86.937032	56341.64	56238.9	11.12	56352.76	56348.81250	56364.39092	56359.14453	504619.6	5410652.9
L4620.0	504619.6	5410654.4	33162.89844	319.05	0	48.848842	-86.937032	56341.91	56238.9	11.13	56353.04	56349.07422	56360.69840	56355.40234	504619.6	5410654.4
L4620.0	504619.6	5410656.3	33163.00000	317.65	0	48.848859	-86.937032	56342.45	56238.9	11.13	56353.58	56349.59766	56362.49396	56357.14453	504619.6	5410656.3
L4620.0	504619.6	5410657.8	33163.10156	318.89	0	48.848873	-86.937032	56343.06	56238.9	11.13	56354.20	56350.19922	56365.87570	56360.47656	504619.6	5410657.8
L4620.0	504619.6	5410657.8	33163.19922	319.61	0	48.848873	-86.937032	56343.39	56238.9	11.14	56354.53	56350.50781	56363.13751	56357.68750	504619.6	5410657.8
L4620.0	504619.5	5410659.6	33163.30078	317.82	0	48.848889	-86.937032	56343.83	56238.9	11.14	56354.97	56350.92969	56362.63275	56357.13281	504619.5	5410659.6
L4620.0	504619.5	5410661.6	33163.39844	318.31	0	48.848907	-86.937032	56344.42	56238.9	11.14	56355.56	56351.50000	56365.20941	56359.65625	504619.5	5410661.6
L4620.0	504619.5	5410662.8	33163.50000	319.16	0	48.848917	-86.937033	56344.90	56238.9	11.15	56356.04	56351.96094	56365.40401	56359.80078	504619.5	5410662.8
L4620.0	504619.5	5410662.8	33163.60156	319.22	0	48.848917	-86.937033	56345.64	56238.9	11.15	56356.79	56352.69141	56371.36039	56365.70703	504619.5	5410662.8
L4620.0	504619.5	5410664.6	33163.69922	318.07	0	48.848934	-86.937033	56346.26	56238.8	11.15	56357.41	56353.28906	56374.54108	56368.83594	504619.5	5410664.6
L4620.0	504619.5	5410664.6	33163.80078	321.13	0	48.848934	-86.937033	56346.46	56238.8	11.15	56357.61	56353.46875	56368.24923	56362.49219	504619.5	5410664.6
L4620.0	504619.5	5410667.0	33163.89844	323.80	0	48.848956	-86.937033	56347.27	56238.8	11.16	56358.43	56354.26563	56375.82252	56370.01172	504619.5	5410667.0
L4620.0	504619.5	5410668.3	33164.00000	323.57	0	48.848968	-86.937033	56347.33	56238.8	11.16	56358.49	56354.30469	56365.67361	56359.81250	504619.5	5410668.3
L4620.0	504619.5	5410670.1	33164.10156	325.01	0	48.848983	-86.937033	56348.17	56238.8	11.16	56359.33	56355.12500	56373.67112	56367.76172	504619.5	5410670.1
L4620.0	504619.5	5410670.1	33164.19922	323.93	0	48.848983	-86.937033	56348.91	56238.8	11.16	56360.06	56355.83203	56379.13416	56373.17188	504619.5	5410670.1
L4620.0	504619.4	5410671.8	33164.30078	338.83	0	48.848999	-86.937033	56349.09	56238.8	11.16	56360.24	56355.98828	56370.77315	56364.76172	504619.4	5410671.8
L4620.0	504619.4	5410671.8	33164.39844	335.16	0	48.848999	-86.937033	56349.88	56238.8	11.16	56361.04	56356.76563	56375.19506	56369.13281	504619.4	5410671.8
L4620.0	504619.4	5410673.5	33164.50000	334.37	0	48.849014	-86.937033	56350.32	56238.8	11.15	56361.47	56357.17188	56373.51620	56367.40625	504619.4	5410673.5
L4620.0	504619.4	5410675.3	33164.60156	335.72	0	48.849030	-86.937034	56350.92	56238.8	11.15	56362.08	56357.76172	56374.94751	56368.78516	504619.4	5410675.3
L4620.0	504619.4	5410677.0	33164.60156	335.72	0	48.849045	-86.937034	56351.20	56238.8	11.15	56362.35	56358.00781	56369.80378	56363.59375	504619.4	5410677.0

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4620.0	504619.4	5410677.0	33164.80078	322.03	0	48.849045	-86.937034	56352.11	56238.8	11.15	56363.26	56358.89063	56376.62531	56370.36719	504619.4	5410677.0
L4620.0	504619.4	5410678.7	33164.89844	333.36	0	48.849061	-86.937034	56352.43	56238.8	11.15	56363.58	56359.18750	56371.94552	56365.64063	504619.4	5410678.7
L4620.0	504619.4	5410680.2	33165.00000	335.34	0	48.849074	-86.937034	56353.30	56238.8	11.15	56364.45	56360.03516	56377.80826	56371.45703	504619.4	5410680.2
L4620.0	504619.4	5410680.2	33165.10156	333.22	0	48.849074	-86.937034	56353.60	56238.8	11.15	56364.75	56360.30859	56372.24294	56365.84766	504619.4	5410680.2
L4620.0	504619.4	5410681.6	33165.19922	334.80	0	48.849087	-86.937034	56354.42	56238.8	11.15	56365.57	56361.10547	56376.83284	56370.39063	504619.4	5410681.6
L4620.0	504619.4	5410683.2	33165.30078	331.82	0	48.849101	-86.937034	56355.04	56238.8	11.16	56366.20	56361.71094	56377.45355	56370.96875	504619.4	5410683.2
L4620.0	504619.3	5410685.0	33165.39844	333.02	0	48.849117	-86.937035	56355.41	56238.8	11.16	56366.57	56362.05469	56372.58994	56366.06250	504619.3	5410685.0
L4620.0	504619.3	5410685.0	33165.50000	333.85	0	48.849117	-86.937035	56356.36	56238.8	11.16	56367.52	56362.97656	56379.35556	56372.78516	504619.3	5410685.0
L4620.0	504619.3	5410686.5	33165.60156	333.85	0	48.849131	-86.937035	56356.67	56238.8	11.16	56367.83	56363.26172	56372.81832	56366.20703	504619.3	5410686.5
L4620.0	504619.3	5410687.8	33165.69922	321.01	0	48.849143	-86.937035	56357.41	56238.8	11.16	56368.57	56363.97656	56374.91374	56368.26172	504619.3	5410687.8
L4620.0	504619.3	5410689.3	33165.80078	319.00	0	48.849156	-86.937035	56358.36	56238.8	11.17	56369.52	56364.90234	56381.19313	56374.50391	504619.3	5410689.3
L4620.0	504619.3	5410689.3	33165.89844	319.57	0	48.849156	-86.937035	56358.93	56238.8	11.17	56370.10	56365.45313	56379.59879	56372.87109	504619.3	5410689.3
L4620.0	504619.3	5410691.0	33166.00000	320.20	0	48.849172	-86.937035	56359.81	56238.8	11.17	56370.98	56366.30859	56384.07916	56377.31641	504619.3	5410691.0
L4620.0	504619.3	5410691.0	33166.10156	331.90	0	48.849172	-86.937035	56360.42	56238.8	11.17	56371.59	56366.89063	56382.69641	56375.90234	504619.3	5410691.0
L4620.0	504619.3	5410693.4	33166.19922	331.36	0	48.849193	-86.937035	56361.08	56238.8	11.18	56372.26	56367.53516	56382.35654	56375.52734	504619.3	5410693.4
L4620.0	504619.3	5410694.9	33166.30078	331.80	0	48.849206	-86.937035	56361.79	56238.8	11.18	56372.97	56368.21875	56382.64693	56375.78516	504619.3	5410694.9
L4620.0	504619.3	5410696.4	33166.39844	331.57	0	48.849220	-86.937035	56362.38	56238.8	11.18	56373.57	56368.79297	56380.34498	56373.45313	504619.3	5410696.4
L4620.0	504619.3	5410696.4	33166.50000	333.96	0	48.849220	-86.937035	56363.30	56238.8	11.18	56374.49	56369.68359	56384.71571	56377.79688	504619.3	5410696.4
L4620.0	504619.3	5410697.8	33166.60156	337.39	0	48.849233	-86.937035	56364.02	56238.8	11.19	56375.20	56370.36719	56384.32044	56377.37500	504619.3	5410697.8
L4620.0	504619.3	5410699.3	33166.60156	337.39	0	48.849246	-86.937035	56364.94	56238.8	11.19	56376.13	56371.26953	56388.51662	56381.54688	504619.3	5410699.3
L4620.0	504619.3	5410699.3	33166.80078	338.41	0	48.849246	-86.937035	56365.57	56238.8	11.19	56376.77	56371.88281	56386.08584	56379.09375	504619.3	5410699.3
L4620.0	504619.3	5410701.1	33166.89844	336.38	0	48.849262	-86.937034	56366.46	56238.8	11.20	56377.66	56372.74609	56388.94568	56381.93359	504619.3	5410701.1
L4620.0	504619.4	5410702.8	33167.00000	337.39	0	48.849278	-86.937034	56367.21	56238.8	11.20	56378.41	56373.46875	56388.43041	56381.39844	504619.4	5410702.8
L4620.0	504619.4	5410704.6	33167.10156	339.32	0	48.849294	-86.937034	56367.89	56238.8	11.20	56379.09	56374.12109	56386.05960	56379.01172	504619.4	5410704.6
L4620.0	504619.4	5410706.1	33167.19922	339.68	0	48.849307	-86.937034	56368.79	56238.8	11.20	56379.98	56374.98438	56388.16380	56381.10156	504619.4	5410706.1
L4620.0	504619.4	5410706.1	33167.30078	337.91	0	48.849307	-86.937034	56369.58	56238.8	11.20	56380.78	56375.75781	56387.96396	56380.88672	504619.4	5410706.1
L4620.0	504619.4	5410708.5	33167.39844	324.50	0	48.849329	-86.937034	56370.60	56238.8	11.20	56381.79	56376.73828	56392.27881	56385.19141	504619.4	5410708.5
L4620.0	504619.4	5410708.5	33167.50000	324.68	0	48.849329	-86.937034	56371.42	56238.8	11.19	56382.61	56377.53125	56391.99457	56384.89844	504619.4	5410708.5
L4620.0	504619.4	5410710.2	33167.60156	322.66	0	48.849344	-86.937034	56372.32	56238.8	11.19	56383.51	56378.40234	56393.25652	56386.15625	504619.4	5410710.2
L4620.0	504619.4	5410711.6	33167.69922	335.89	0	48.849357	-86.937034	56373.31	56238.8	11.19	56384.50	56379.36719	56396.27379	56389.16797	504619.4	5410711.6
L4620.0	504619.4	5410711.6	33167.80078	338.23	0	48.849357	-86.937034	56373.92	56238.8	11.19	56385.11	56379.94922	56390.47039	56383.36328	504619.4	5410711.6
L4620.0	504619.4	5410713.4	33167.89844	337.34	0	48.849373	-86.937034	56375.07	56238.8	11.19	56386.26	56381.07031	56396.51074	56389.40625	504619.4	5410713.4
L4620.0	504619.4	5410714.7	33168.00000	337.21	0	48.849384	-86.937034	56376.06	56238.8	11.19	56387.25	56382.03125	56398.67017	56391.57031	504619.4	5410714.7
L4620.0	504619.4	5410714.7	33168.10156	334.72	0	48.849384	-86.937034	56376.86	56238.8	11.19	56388.05	56382.80469	56396.43431	56389.33984	504619.4	5410714.7
L4620.0	504619.4	5410716.6	33168.19922	334.61	0	48.849401	-86.937034	56377.70	56238.8	11.20	56388.89	56383.61719	56394.90140	56387.81641	504619.4	5410716.6
L4620.0	504619.4	5410718.7	33168.30078	335.01	0	48.849421	-86.937034	56378.59	56238.8	11.20	56389.79	56384.49219	56394.47613	56387.40234	504619.4	5410718.7
L4620.0	504619.4	5410719.8	33168.39844	336.12	0	48.849431	-86.937034	56379.76	56238.8	11.20	56390.96	56385.63281	56399.43721	56392.37500	504619.4	5410719.8
L4620.0	504619.4	5410719.8	33168.50000	315.19	0	48.849431	-86.937034	56380.81	56238.8	11.21	56392.01	56386.65625	56401.62733	56394.58203	504619.4	5410719.8
L4620.0	504619.4	5410721.5	33168.60156	315.48	0	48.849446	-86.937033	56381.83	56238.8	11.21	56393.04	56387.65625	56403.18418	56396.16016	504619.4	5410721.5
L4620.0	504619.4	5410723.4	33168.60156	315.48	0	48.849463	-86.937033	56382.75	56238.8	11.21	56393.95	56388.53906	56402.19718	56395.19531	504619.4	5410723.4
L4620.0	504619.4	5410723.4	33168.80078	336.60	0	48.849463	-86.937033	56383.67	56238.8	11.21	56394.88	56389.44141	56401.48914	56394.51172	504619.4	5410723.4
L4620.0	504619.4	5410725.4	33168.89844	337.07	0	48.849480	-86.937033	56384.69	56238.8	11.22	56395.91	56390.44531	56402.56958	56395.62109	504619.4	5410725.4
L4620.0	504619.4	5410726.6	33169.00000	319.17	0	48.849492	-86.937033	56386.04	56238.8	11.22	56397.26	56391.76953	56409.51172	56402.59375	504619.4	5410726.6
L4620.0	504619.4	5410726.6	33169.10156	318.28	0	48.849492	-86.937033	56387.01	56238.8	11.22	56398.23	56392.71094	56409.13985	56402.25391	504619.4	5410726.6
L4620.0	504619.4	5410728.2	33169.19922	333.40	0	48.849506	-86.937033	56388.08	56238.8	11.22	56399.30	56393.75391	56410.52342	56403.67578	504619.4	5410728.2
L4620.0	504619.4	5410729.7	33169.30078	333.14	0	48.849519	-86.937033	56388.92	56238.8	11.22	56400.14	56394.56641	56407.55150	56400.74219	504619.4	5410729.7
L4620.0	504619.4	5410731.3	33169.39844	315.41	0	48.849534	-86.937033	56390.23	56238.8	11.22	56401.45	56395.85156	56413.15484	56406.39063	504619.4	5410731.3
L4620.0	504619.4	5410731.3	33169.50000	316.50	0	48.849534	-86.937033	56391.58	56238.8	11.22	56402.80	56397.17188	56419.41294	56412.69141	504619.4	5410731.3
L4620.0	504619.5	5410732.9	33169.60156	334.19	0	48.849548	-86.937033	56392.32	56238.8	11.23	56403.55	56397.89453	56414.48710	56407.81641	504619.5	5410732.9
L4620.0	504619.5	5410734.5	33169.69922	334.56	0	48.849563	-86.937032	56393.46	56238.8	11.23	56404.69	56399.00781	56416.70194	56410.08203	504619.5	5410734.5
L4620.0	504619.5	5410734.5	33169.80078	319.19	0	48.849563	-86.937032	56394.82	56238.8	11.23	56406.05	56400.33984	56423.00464	56416.43750	504619.5	5410734.5
L4620.0	504619.5	5410736.4	33169.89844	317.19	0	48.849579	-86.937032	56395.89	56238.8	11.23	56407.12	56401.38672	56423.81998	56417.31250	504619.5	5410736.4
L4620.0	504619.5	5410737.7	33170.00000	331.78	0	48.849591	-86.937032	56396.86	56238.8	11.23	56408.09	56402.32813	56422.64425	56416.19531	504619.5	5410737.7
L4620.0	504619.5	5410739.0	33170.10156	332.14	0	48.849603	-86.937031	56398.19	56238.8	11.23	56409.42	56403.62891	56428.37677	56421.99219	504619.5	5410739.0
L4620.0	504619.5	5410739.0	33170.19922	334.12	0	48.849603	-86.937031	56399.16	56238.8	11.24	56410.40	56404.58203	56427.26600	56420.94922	504619.5	5410739.0
L4620.0	504619.6	5410740.8	33170.30078	335.25	0	48.849619	-86.937031	56400.82	56238.8	11.24	56412.06	56406.21484	56439.66642	56433.41797	504619.6	5410740.8
L4620.0	504619.6	5410742.7	33170.39844	337.80	0	48.849636	-86.937030	56401.61	56238.8	11.25	56412.85	56406.98047	56434.67441	56428.50000	504619.6	5410742.7
L4620.0	504619.7	5410744.5	33170.50000	338.37	0	48.849652	-86.937029	56403.02	56238.8	11.25	56414.27	56408.37109	56442.43777	56436.33984	504619.7	5410744.5
L4620.0	504619.7	5410744.5	33170.60156	335.59	0	48.849652	-86.937029	56404.06	56238.7	11.25	56415.31	56409.38672	56442.41886	56436.39844	504619.7	5410744.5
L4620.0	504619.7	5410746.5	33170.60156	335.59	0	48.849671	-86.937029	56405.21	56238.7	11.25	56416.46	56410.50781	56444.65880	56438.71875	504619.7	5410746.5
L4620.0	504619.7	5410746.5	33170.80078	336.50	0	48.849671	-86.937029	56406.61	56238.7	11.26	56417.87	56411.89063	56452.43642	56446.58203	504619.7	5410746.5
L4620.0	504619.7	5410748.1	33170.89844	337.34	0	48.849684	-86.937029	56407.33	56238.7	11.27	56418.59	56412.58594	56445.50583	56439.73828	504619.7	5410748.1
L4620.0	504619.8	5410749.5	33171.00000	337.34	0	48.849698	-86.937028	56408.81	56238.7	11.27	56420.07	56414.03516	56454.90262	56449.22656	504619.8	5410749.5
L4620.0	504619.8	5410749.5	33171.10156	333.60	0	48.849698	-86.937028	56410.18	56238.7	11.27	56421.46	56415.39844	56462.47128	56456.89063	504619.8	5410749.5
L4620.0	504619.8	5410751.2	33171.19922	333.86	0	48.849713	-86.937028	56410.90	56238.7	11.27	56422.17	56416.08203	56455.23355	56449.74609	504619.8	5410751.2
L4620.0	504619.8	5410753.1	33171.30078	333.17	0	48.849730	-86.937028	56412.40	56238.7	11.28	56423.68	56417.56250	56465.56057	56460.17188	504619.8	5410753.1
L4620.0	504619.8	5410753.1	33171.39844	332.52	0	48.849730	-86.937028	56413.78	56238.7	11.28	56425.06	56418.91406	56473.12569	56467.83984	504619.8	5410753.1
L4620.0	504619.8	5410755.0	33171.50000	334.41	0	48.849747	-86.937028	56414.93	56238.7	11.28	56426.21	56420.03906	56475.69562	56470.51563	504619.8	5410755.0
L4620.0	504619.8	5410756.3	33171.60156	335.65	0	48.849759	-86.937028	56415.72	56238.7	11.28	56427.00	56420.80078	56470.39863	56465.32422	504619.8	5410756.3
L4620.0	504619.8	5410757.6	33171.69922	333.22	0	48.849770	-86.937028	56417.48	56238.7	11.28	56428.76	56422.53125	56486.60117	56481.63672	504619.8	5410757.6
L4620.0	504619.8	5410757.6	33171.80078	336.01	0	48.849770	-86.937028	56418.02	56238.7	11.29	56429.31	56423.05078	56476.24681	56471.39453	504619.8	5410757.6
L4620.0	504619.8	5410759.9	33171.89844	335.67	0	48.849791	-86.937028	56419.75	56238.7	11.29	56431.04	56424.75391	56491.96269	56487.22656	504619.8	5410759.9
L4620.0	504619.8	5410761.6	33172.00000	336.52	0	48.849806	-86.937028	56420.39	56238.7	11.29	56431.68	56425.36328	56483.91234	56479.29297	504619.8	5410761.6
L4620.0	504619.8	5410761.6	33172.10156	336.15	0	48.849806	-86.937028	56421.70	56238.7	11.29	56432.99	56426.64453	56490.66162	56486.16016	504619.8	5410761.6
L4620.0	504619.8	5410763.0	33172.19922	338.25	0	48.849819	-86.937028	56423.20	56238.7	11.30	56434.50	56428.12500	56501.82995	56497.44922	504619.8	5410763.0
L4620.0	504619.8	5410764.4	33172.30078	338.91	0	48.849832	-86.937028	56423.64	56238.7	11.30	56434.94	56428.53516	56490.09306	56485.83984	504619.8	5410764.4
L4620.0	504619.8	5410766.3	33172.39844	337.57	0	48.849848	-86.937028	56425.44	56238.7	11.30	56436.74	56430.30469	56507.63266	56503.50391	504619.8	5410766.3
L4620.0	504619.8	5410767.5	33172.50000	336.49	0	48.849859	-86.937028	56426.08	56238.7	11.31	56437.39	56430.92188	56500.83851	56496.83984	504619.8	5410767.5
L4620.0	504619.8	5410767.5	33172.60156	330.26	0	48.849859	-86.937028	56427.18	56238.7	11.31	56438.49	56431.99219	56503.74429	56499.87500	504619.8	5410767.5
L4620.0	504619.8	5410769.2	33172.60156	330.26	0	48.849875	-86.937028	56428.61	56238.7	11.31	56439.92	56433.38672	56513.56141	56509.82422	504619.8	5410769.2
L4620.0	504619.8	5410769.2	33172.80078	328.92	0	48.849875	-86.937028	56429.66	56238.7	11.31	56440.97	56434.40625	56515.61688	56512.01172	504619.8	5410769.2
L4620.0	504619.8	5410771.7	33172.89844	332.77	0	48.849897	-86.937028	56430.40	56238.7	11.32	56441.72	56435.12109	56511.82782	56508.35938	504619.8	5410771.7
L4620.0	504619.8	5410773.4	33173.00000	334.57	0	48.849913	-86.937028	56431.90	56238.7	11.32	56443.22	56436.58984	56523.07884	56519.75000	504619.8	5410773.4
L4620.0	504619.8	5410773.4	33173.10156	335.18	0	48.849913	-86.937028	56432.48	56238.7	11.32	56443.81	56437.14453	56516.62729	56513.43750	504619.8	5410773.4
L4620.0	504619.8	5410774.9	33173.19922	316.06	0	48.849926	-86.937028	56433.76	56238.7	11.33	56445.09	56438.39063	56523.68156	56520.62891	504619.8	5410774.9
L4620.0	504619.8	5410776.1	33173.30078	316.49	0	48.849937	-86.937028	56434.73	56238.7	11.33	56446.06	56439.32422	56524.96412	56522.05469	504619.8	5410776.1
L4620.0	504619.8	5410777.9	33173.39844	318.71	0	48.849953	-86.937027	56435.45	56238.7	11.33	56446.78	56440.00781	56521.91633	56519.14844	504619.8	5410777.9
L4620.0	504619.8	5410777.9	33173.50000	318.35	0	48.849953	-86.937027	56436.55	56238.7	11.33	56447.88	56441.07031	56513.60728	56510.98438	504619.8	5410777.9
L4620.0	504619.8	5410779.3	33173.60156	320.32	0	48.849966	-86.937027	56437.59	56238.7	11.34	56448.93	56442.08203	56517.86013	56515.38281	504619.8	5410779.3
L4620.0	504619.8	5410780.7	33173.69922	320.66	0	48.849978	-86.937027	56438.28	56238.7	11.34	56449.62	56442.73438	56513.69393	56511.36328	504619.8	5410780.7
L4620.0	504619.8	5410780.7	33173.80078	321.57	0	48.849978	-86.937027	56439.10	56238.7	11.34	56450.44	56443.51563	56513.37917	56511.19531	504619.8	5410780.7
L4620.0	504619.9	5410782.5	33173.89844	322.63	0	48.849995	-86.937027	56440.22	56238.7	11.35	56451.57	56444.60547	56520.91131	56518.87500	504619.9	5410782.5
L4620.0	504619.9	5410784.2	33174.00000	322.24	0	48.850010	-86.937026	56440.71	56238.7	11.35	56452.06	56445.05469	56514.07894	56512.18750	504619.9	5410784.2

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4620.0	504619.9	5410784.2	33174.10156	321.59	0	48.850010	-86.937026	56441.55	56238.6	11.35	56452.90	56445.85156	56515.98868	56514.24609	504619.9	5410784.2
L4620.0	504619.9	5410786.3	33174.19922	321.64	0	48.850029	-86.937026	56442.57	56238.6	11.35	56453.92	56446.82813	56522.43469	56520.83984	504619.9	5410786.3
L4620.0	504619.9	5410786.3	33174.30078	320.84	0	48.850029	-86.937026	56443.00	56238.6	11.36	56454.36	56447.22656	56516.69573	56515.25000	504619.9	5410786.3
L4620.0	504619.9	5410788.3	33174.39844	320.92	0	48.850046	-86.937025	56443.82	56238.6	11.36	56455.18	56448.00000	56519.92616	56518.62891	504619.9	5410788.3
L4620.0	504620.0	5410789.5	33174.50000	320.23	0	48.850058	-86.937025	56444.43	56238.6	11.36	56455.79	56448.56250	56519.28118	56518.13281	504620.0	5410789.5
L4620.0	504620.0	5410791.5	33174.60156	319.56	0	48.850076	-86.937024	56445.15	56238.6	11.36	56456.51	56449.23438	56521.63152	56520.63281	504620.0	5410791.5
L4620.0	504620.0	5410791.5	33174.60156	319.56	0	48.850076	-86.937024	56445.66	56238.6	11.36	56457.02	56449.69531	56520.26096	56519.40625	504620.0	5410791.5
L4620.0	504620.0	5410793.6	33174.80078	321.17	0	48.850094	-86.937024	56446.42	56238.6	11.37	56457.79	56450.41797	56525.01236	56524.30469	504620.0	5410793.6
L4620.0	504620.1	5410795.1	33174.89844	319.48	0	48.850107	-86.937024	56447.06	56238.6	11.37	56458.43	56451.00781	56527.78667	56527.22656	504620.1	5410795.1
L4620.0	504620.1	5410795.1	33175.00000	321.22	0	48.850107	-86.937024	56447.16	56238.6	11.37	56458.53	56451.05469	56520.11577	56519.69922	504620.1	5410795.1
L4620.0	504620.1	5410796.6	33175.10156	318.23	0	48.850122	-86.937023	56448.00	56238.6	11.37	56459.38	56451.85156	56528.79258	56528.51953	504620.1	5410796.6
L4620.0	504620.1	5410796.6	33175.19922	320.38	0	48.850122	-86.937023	56448.00	56238.6	11.38	56459.38	56451.79688	56520.40770	56520.27734	504620.1	5410796.6
L4620.0	504620.1	5410798.3	33175.30078	321.31	0	48.850136	-86.937023	56448.62	56238.6	11.38	56460.00	56452.35938	56525.74402	56525.75781	504620.1	5410798.3
L4620.0	504620.1	5410799.7	33175.39844	320.84	0	48.850149	-86.937023	56449.25	56238.6	11.38	56460.64	56452.94141	56532.29305	56532.44531	504620.1	5410799.7
L4620.0	504620.1	5410801.6	33175.50000	321.01	0	48.850167	-86.937023	56449.13	56238.6	11.39	56460.51	56452.75000	56522.68656	56522.97656	504620.1	5410801.6
L4620.0	504620.1	5410801.6	33175.60156	321.00	0	48.850167	-86.937023	56449.69	56238.6	11.39	56461.08	56453.26172	56528.95390	56529.37891	504620.1	5410801.6
L4620.0	504620.1	5410803.7	33175.69922	320.22	0	48.850185	-86.937022	56449.97	56238.6	11.39	56461.36	56453.47656	56529.31435	56529.87500	504620.1	5410803.7
L4620.0	504620.2	5410805.2	33175.80078	321.69	0	48.850198	-86.937022	56449.92	56238.6	11.39	56461.31	56453.36328	56522.48121	56523.17188	504620.2	5410805.2
L4620.0	504620.2	5410805.2	33175.89844	323.07	0	48.850198	-86.937022	56450.45	56238.6	11.40	56461.85	56453.83594	56529.69560	56530.51563	504620.2	5410805.2
L4620.0	504620.2	5410806.7	33176.00000	323.56	0	48.850212	-86.937022	56450.84	56238.6	11.40	56462.24	56454.16016	56533.89685	56534.84375	504620.2	5410806.7
L4620.0	504620.2	5410806.7	33176.10156	324.12	0	48.850212	-86.937022	56450.56	56238.6	11.40	56461.96	56453.81250	56522.31749	56523.39063	504620.2	5410806.7
L4620.0	504620.2	5410808.8	33176.19922	323.49	0	48.850231	-86.937022	56451.09	56238.6	11.40	56462.49	56454.26953	56530.55533	56531.75000	504620.2	5410808.8
L4620.0	504620.2	5410810.7	33176.30078	336.65	0	48.850248	-86.937022	56450.96	56238.6	11.40	56462.36	56454.06641	56522.92319	56524.23438	504620.2	5410810.7
L4620.0	504620.2	5410811.8	33176.39844	338.73	0	48.850258	-86.937022	56450.96	56238.6	11.40	56462.36	56453.99219	56518.63982	56520.06641	504620.2	5410811.8
L4620.0	504620.2	5410811.8	33176.50000	333.78	0	48.850258	-86.937022	56451.42	56238.6	11.39	56462.82	56454.37500	56525.99586	56527.53516	504620.2	5410811.8
L4620.0	504620.2	5410813.3	33176.60156	332.93	0	48.850271	-86.937022	56451.56	56238.6	11.39	56462.95	56454.42969	56525.34895	56526.99609	504620.2	5410813.3
L4620.0	504620.2	5410815.3	33176.60156	332.93	0	48.850290	-86.937022	56451.14	56238.6	11.39	56462.54	56453.93750	56511.42327	56513.17578	504620.2	5410815.3
L4620.0	504620.2	5410815.3	33176.80078	331.70	0	48.850290	-86.937022	56451.63	56238.6	11.39	56463.02	56454.33594	56519.80385	56521.65625	504620.2	5410815.3
L4620.0	504620.2	5410816.9	33176.89844	334.52	0	48.850304	-86.937022	56451.38	56238.6	11.39	56462.77	56454.00000	56510.24021	56512.19141	504620.2	5410816.9
L4620.0	504620.2	5410818.4	33177.00000	338.09	0	48.850317	-86.937022	56451.40	56238.6	11.39	56462.79	56453.93359	56507.52979	56509.57422	504620.2	5410818.4
L4620.0	504620.2	5410818.4	33177.10156	338.67	0	48.850317	-86.937022	56451.70	56238.6	11.39	56463.09	56454.14844	56511.72885	56513.85938	504620.2	5410818.4
L4620.0	504620.2	5410820.4	33177.19922	320.51	0	48.850335	-86.937022	56451.53	56238.6	11.39	56462.92	56453.88672	56504.70671	56506.92188	504620.2	5410820.4
L4620.0	504620.2	5410822.2	33177.30078	319.20	0	48.850352	-86.937022	56451.45	56238.6	11.39	56462.84	56453.71484	56500.05851	56502.35547	504620.2	5410822.2
L4620.0	504620.2	5410822.2	33177.39844	319.53	0	48.850352	-86.937022	56451.56	56238.6	11.39	56462.94	56453.71875	56499.75674	56502.12500	504620.2	5410822.2
L4620.0	504620.2	5410824.0	33177.50000	319.44	0	48.850368	-86.937022	56451.58	56238.6	11.38	56462.96	56453.64453	56497.68957	56500.12891	504620.2	5410824.0
L4620.0	504620.2	5410825.2	33177.60156	318.83	0	48.850379	-86.937022	56451.58	56238.6	11.38	56462.96	56453.54297	56495.28067	56497.78516	504620.2	5410825.2
L4620.0	504620.2	5410826.9	33177.69922	319.12	0	48.850394	-86.937022	56451.53	56238.6	11.38	56462.91	56453.39453	56491.90040	56494.46484	504620.2	5410826.9
L4620.0	504620.2	5410826.9	33177.80078	318.73	0	48.850394	-86.937022	56451.45	56238.6	11.38	56462.83	56453.21094	56488.03635	56490.65234	504620.2	5410826.9
L4620.0	504620.2	5410828.9	33177.89844	322.84	0	48.850412	-86.937022	56451.70	56238.6	11.38	56463.08	56453.35547	56491.20980	56493.87500	504620.2	5410828.9
L4620.0	504620.2	5410830.8	33178.00000	321.69	0	48.850429	-86.937021	56451.70	56238.6	11.38	56463.08	56453.24609	56489.17521	56491.88281	504620.2	5410830.8
L4620.0	504620.2	5410830.8	33178.10156	319.63	0	48.850429	-86.937021	56451.53	56238.6	11.38	56462.91	56452.96875	56483.81117	56486.55859	504620.2	5410830.8
L4620.0	504620.2	5410832.6	33178.19922	320.19	0	48.850445	-86.937021	56451.56	56238.6	11.39	56462.94	56452.88672	56482.56773	56485.34375	504620.2	5410832.6
L4620.0	504620.2	5410832.6	33178.30078	318.42	0	48.850445	-86.937021	56451.56	56238.6	11.39	56462.94	56452.76953	56480.74521	56483.54688	504620.2	5410832.6
L4620.0	504620.2	5410834.6	33178.39844	316.41	0	48.850463	-86.937021	56451.61	56238.6	11.39	56463.00	56452.71484	56480.08576	56482.90625	504620.2	5410834.6
L4620.0	504620.2	5410836.3	33178.50000	316.47	0	48.850478	-86.937021	56451.81	56238.6	11.40	56463.20	56452.79688	56482.08663	56484.92188	504620.2	5410836.3
L4620.0	504620.2	5410836.3	33178.60156	318.26	0	48.850478	-86.937021	56451.96	56238.6	11.40	56463.36	56452.83594	56483.22419	56486.06641	504620.2	5410836.3
L4620.0	504620.2	5410838.1	33178.60156	318.26	0	48.850494	-86.937021	56451.98	56238.6	11.40	56463.38	56452.73047	56481.56423	56484.40625	504620.2	5410838.1
L4620.0	504620.2	5410840.1	33178.80078	320.84	0	48.850513	-86.937021	56452.27	56238.6	11.40	56463.67	56452.89453	56485.00193	56487.83594	504620.2	5410840.1
L4620.0	504620.2	5410841.3	33178.89844	321.59	0	48.850524	-86.937021	56452.04	56238.6	11.41	56463.45	56452.54688	56478.44497	56481.26563	504620.2	5410841.3
L4620.0	504620.2	5410841.3	33179.00000	319.82	0	48.850524	-86.937021	56452.22	56238.6	11.41	56463.63	56452.59766	56479.45788	56482.25781	504620.2	5410841.3
L4620.0	504620.2	5410843.4	33179.10156	320.08	0	48.850543	-86.937021	56452.47	56238.6	11.41	56463.88	56452.71484	56481.66418	56484.43359	504620.2	5410843.4
L4620.0	504620.2	5410845.2	33179.19922	320.16	0	48.850559	-86.937021	56452.47	56238.6	11.41	56463.88	56452.57813	56478.78444	56481.51953	504620.2	5410845.2
L4620.0	504620.2	5410845.2	33179.30078	318.73	0	48.850559	-86.937021	56452.86	56238.6	11.41	56464.26	56452.82422	56483.15030	56485.84375	504620.2	5410845.2
L4620.0	504620.3	5410847.5	33179.39844	320.29	0	48.850579	-86.937020	56452.96	56238.6	11.41	56464.36	56452.78125	56481.77413	56484.41797	504620.3	5410847.5
L4620.0	504620.2	5410848.8	33179.50000	321.44	0	48.850591	-86.937020	56453.14	56238.6	11.40	56464.54	56452.82031	56481.73229	56484.32031	504620.2	5410848.8
L4620.0	504620.2	5410848.8	33179.60156	319.78	0	48.850591	-86.937020	56453.34	56238.6	11.40	56464.74	56452.87891	56481.83442	56484.35938	504620.2	5410848.8
L4620.0	504620.2	5410848.8	33179.69922	321.21	0	48.850591	-86.937020	56453.72	56238.6	11.40	56465.13	56453.12109	56485.48413	56487.93750	504620.2	5410848.8
L4620.0	504620.3	5410850.9	33179.80078	320.40	0	48.850610	-86.937020	56453.90	56238.6	11.40	56465.30	56453.14453	56484.45840	56486.83203	504620.3	5410850.9
L4620.0	504620.3	5410852.4	33179.89844	321.18	0	48.850624	-86.937020	56454.08	56238.6	11.40	56465.48	56453.17188	56483.34759	56485.63281	504620.3	5410852.4
L4620.0	504620.3	5410852.4	33180.00000	320.81	0	48.850624	-86.937020	56454.18	56238.6	11.40	56465.58	56453.12109	56480.32928	56482.52344	504620.3	5410852.4
L4620.0	504620.3	5410854.6	33180.10156	321.93	0	48.850643	-86.937020	56454.44	56238.6	11.40	56465.84	56453.22656	56480.25419	56482.34375	504620.3	5410854.6
L4620.0	504620.3	5410856.5	33180.19922	322.28	0	48.850660	-86.937020	56454.82	56238.6	11.39	56466.21	56453.44141	56482.12253	56484.10156	504620.3	5410856.5
L4620.0	504620.3	5410856.5	33180.30078	322.49	0	48.850660	-86.937020	56455.15	56238.6	11.39	56466.54	56453.61328	56482.89329	56484.75781	504620.3	5410856.5
L4620.0	504620.3	5410858.3	33180.39844	322.88	0	48.850676	-86.937020	56455.54	56238.6	11.39	56466.92	56453.83203	56484.39143	56486.12891	504620.3	5410858.3
L4620.0	504620.3	5410860.1	33180.50000	320.52	0	48.850693	-86.937020	56455.58	56238.6	11.39	56466.97	56453.71875	56478.88614	56480.48828	504620.3	5410860.1
L4620.0	504620.2	5410861.6	33180.60156	321.89	0	48.850706	-86.937020	56456.27	56238.6	11.38	56467.66	56454.24219	56486.11598	56487.57813	504620.2	5410861.6
L4620.0	504620.2	5410861.6	33180.60156	321.89	0	48.850706	-86.937020	56456.66	56238.6	11.38	56468.04	56454.45703	56486.75073	56488.06250	504620.2	5410861.6
L4620.0	504620.2	5410862.9	33180.80078	319.79	0	48.850718	-86.937020	56457.20	56238.6	11.38	56468.57	56454.82031	56490.15922	56491.31641	504620.2	5410862.9
L4620.0	504620.2	5410862.9	33180.89844	320.49	0	48.850718	-86.937020	56457.50	56238.6	11.37	56468.87	56454.94922	56488.59770	56489.58984	504620.2	5410862.9
L4620.0	504620.2	5410864.7	33181.00000	320.98	0	48.850734	-86.937021	56457.81	56238.6	11.37	56469.18	56455.08594	56486.95997	56487.77734	504620.2	5410864.7
L4620.0	504620.2	5410866.7	33181.10156	320.51	0	48.850752	-86.937021	56458.44	56238.6	11.37	56469.81	56455.54297	56491.59152	56492.23047	504620.2	5410866.7
L4620.0	504620.2	5410866.7	33181.19922	319.79	0	48.850752	-86.937021	56458.70	56238.6	11.37	56470.07	56455.62891	56488.38684	56488.83594	504620.2	5410866.7
L4620.0	504620.2	5410869.9	33181.30078	320.86	0	48.850780	-86.937021	56459.36	56238.6	11.37	56470.73	56456.11328	56493.12376	56493.37500	504620.2	5410869.9
L4620.0	504620.2	5410869.9	33181.39844	318.92	0	48.850780	-86.937021	56459.67	56238.6	11.37	56471.03	56456.23438	56490.20729	56490.25391	504620.2	5410869.9
L4620.0	504620.2	5410871.4	33181.50000	319.38	0	48.850794	-86.937021	56460.33	56238.6	11.37	56471.70	56456.72266	56494.67270	56494.50781	504620.2	5410871.4
L4620.0	504620.2	5410871.4	33181.60156	321.40	0	48.850794	-86.937021	56460.59	56238.6	11.36	56471.95	56456.79297	56490.19476	56489.80859	504620.2	5410871.4
L4620.0	504620.2	5410873.0	33181.69922	320.09	0	48.850809	-86.937021	56461.30	56238.6	11.36	56472.66	56457.32031	56495.03988	56494.42578	504620.2	5410873.0
L4620.0	504620.2	5410874.6	33181.80078	321.34	0	48.850823	-86.937021	56461.82	56238.6	11.36	56473.18	56457.65625	56495.70505	56494.85547	504620.2	5410874.6
L4620.0	504620.2	5410874.6	33181.89844	321.91	0	48.850823	-86.937021	56462.32	56238.6	11.36	56473.68	56457.97266	56495.71975	56494.62500	504620.2	5410874.6
L4620.0	504620.1	5410876.4	33182.00000	321.50	0	48.850839	-86.937022	56462.86	56238.6	11.36	56474.22	56458.32422	56496.35572	56495.01172	504620.1	5410876.4
L4620.0	504620.1	5410877.9	33182.10156	320.30	0	48.850853	-86.937022	56463.44	56238.6	11.36	56474.80	56458.71875	56497.63335	56496.03125	504620.1	5410877.9
L4620.0	504620.1	5410877.9	33182.19922	321.15	0	48.850853	-86.937022	56463.95	56238.6	11.36	56475.32	56459.05078	56497.40030	56495.53125	504620.1	5410877.9
L4620.0	504620.1	5410879.9	33182.30078	322.59	0	48.850871	-86.937022	56464.67	56238.6	11.37	56476.03	56459.57031	56501.11405	56498.97266	504620.1	5410879.9
L4620.0	504620.1	5410881.5	33182.39844	324.06	0	48.850885	-86.937022	56465.23	56238.6	11.37	56476.60	56459.95313	56501.57368	56499.15234	504620.1	5410881.5
L4620.0	504620.1	5410882.7	33182.50000	323.23	0	48.850896	-86.937022	56465.95	56238.6	11.37	56477.32	56460.48047	56505.19886	56502.48828	504620.1	5410882.7
L4620.0	504620.1	5410882.7	33182.60156	323.92	0	48.850896	-86.937022	56466.36	56238.6	11.37	56477.73	56460.69922	56501.63180	56498.62891	504620.1	5410882.7
L4620.0	504620.1	5410884.0	33182.60156	323.92	0	48.850907	-86.937022	56466.94	56238.6	11.37	56478.31	56461.08594	56501.68075	56498.37500	504620.1	5410884.0
L4620.0	504620.1	5410886.2	33182.80078	323.98	0	48.850927	-86.937023	56467.71	56238.6	11.38	56479.08	56461.66406	56505.96207	56502.34766	504620.1	5410886.2
L4620.0	504620.1	5410886.2	33182.89844	321.21	0	48.850927	-86.937023	56468.52	56238.6	11.38	56479.90	56462.28906	56511.33802	56507.40625	504620.1	5410886.2
L4620.0	504620.0	5410887.9	33183.00000	320.28	0	48.850943	-86.937023	56469.06	56238.6	11.38	56480.44	56462.63672	56509.92568	56505.67578	504620.0	5410887.9
L4620.0	504620.0	5410889.9	33183.10156	320.55	0	48.850961	-86.937023	56469.60	56238.6	11.37	56480.97	56462.97266	56508.02726	56503.44922	504620.0	5410889.9
L4620.0	504620.0	5410891.3	33183.19922	318.38	0	48.850973	-86.937023	56470.41	56238.6	11.37	56481.78	56463.58984	56512.80496	56507.89063	504620.0	5410891.3
L4620.0	504620.0	5410892.5	33183.30078	334.28	0	48.850984	-86.937023	56471.38	56238.6	11.36	56482.75	56464.36719	56521.54523	56516.28906	504620.0	5410892.5

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4620.0	504620.0	5410892.5	33183.39844	316.44	0	48.850984	-86.937023	56471.71	56238.6	11.36	56483.07	56464.49219	56513.79090	56508.18750	504620.0	5410892.5
L4620.0	504620.0	5410894.1	33183.50000	317.17	0	48.850998	-86.937023	56472.53	56238.7	11.35	56483.88	56465.10547	56519.35936	56513.40234	504620.0	5410894.1
L4620.0	504620.0	5410894.1	33183.60156	333.11	0	48.850998	-86.937023	56473.45	56238.7	11.34	56484.79	56465.82422	56524.94371	56518.62891	504620.0	5410894.1
L4620.0	504620.0	5410896.5	33183.69922	317.42	0	48.851020	-86.937023	56473.96	56238.7	11.34	56485.29	56466.12891	56522.95084	56516.26953	504620.0	5410896.5
L4620.0	504620.0	5410897.9	33183.80078	320.02	0	48.851032	-86.937023	56474.72	56238.7	11.33	56486.06	56466.70703	56525.81471	56518.76563	504620.0	5410897.9
L4620.0	504620.0	5410899.5	33183.89844	331.39	0	48.851047	-86.937023	56475.49	56238.7	11.33	56486.81	56467.26172	56528.23054	56520.80469	504620.0	5410899.5
L4620.0	504620.0	5410899.5	33184.00000	332.49	0	48.851047	-86.937023	56476.48	56238.7	11.32	56487.80	56468.06250	56535.16877	56527.36328	504620.0	5410899.5
L4620.0	504620.0	5410900.8	33184.10156	332.96	0	48.851059	-86.937023	56477.00	56238.7	11.32	56488.32	56468.39063	56533.02271	56524.83203	504620.0	5410900.8
L4620.0	504620.0	5410902.8	33184.19922	332.88	0	48.851076	-86.937023	56477.71	56238.7	11.32	56489.04	56468.91797	56534.62306	56526.03906	504620.0	5410902.8
L4620.0	504620.0	5410904.0	33184.30078	332.12	0	48.851088	-86.937023	56478.43	56238.7	11.33	56489.75	56469.43750	56535.93943	56526.96094	504620.0	5410904.0
L4620.0	504620.0	5410905.3	33184.39844	334.13	0	48.851099	-86.937023	56479.29	56238.7	11.33	56490.62	56470.12109	56540.35754	56530.97656	504620.0	5410905.3
L4620.0	504620.0	5410905.3	33184.50000	334.02	0	48.851099	-86.937023	56480.08	56238.7	11.33	56491.41	56470.72266	56543.13749	56533.35156	504620.0	5410905.3
L4620.0	504620.0	5410907.5	33184.60156	333.98	0	48.851119	-86.937023	56480.59	56238.7	11.33	56491.93	56471.05469	56540.40379	56530.21094	504620.0	5410907.5
L4620.0	504620.0	5410907.5	33184.60156	333.98	0	48.851119	-86.937023	56481.34	56238.7	11.33	56492.67	56471.60938	56542.02916	56531.42578	504620.0	5410907.5
L4620.0	504620.0	5410909.3	33184.80078	332.60	0	48.851135	-86.937022	56482.31	56238.7	11.34	56493.64	56472.39453	56548.30398	56537.28125	504620.0	5410909.3
L4620.0	504620.0	5410911.1	33184.89844	332.59	0	48.851151	-86.937022	56482.96	56238.7	11.34	56494.30	56472.87109	56548.21562	56536.77344	504620.0	5410911.1
L4620.0	504620.0	5410911.1	33185.00000	330.53	0	48.851151	-86.937022	56483.84	56238.7	11.34	56495.18	56473.57031	56552.61239	56540.74609	504620.0	5410911.1
L4620.0	504620.0	5410912.9	33185.10156	332.56	0	48.851167	-86.937023	56484.57	56238.7	11.34	56495.91	56474.12109	56553.90461	56541.61328	504620.0	5410912.9
L4620.0	504620.0	5410914.9	33185.19922	331.95	0	48.851185	-86.937023	56485.04	56238.7	11.33	56496.37	56474.40234	56549.59596	56536.87500	504620.0	5410914.9
L4620.0	504620.0	5410914.9	33185.30078	333.76	0	48.851185	-86.937023	56485.98	56238.7	11.33	56497.31	56475.16406	56555.20571	56542.05078	504620.0	5410914.9
L4620.0	504620.0	5410916.7	33185.39844	333.22	0	48.851202	-86.937023	56486.59	56238.7	11.32	56497.91	56475.58984	56553.78425	56540.19531	504620.0	5410916.7
L4620.0	504620.0	5410918.0	33185.50000	332.59	0	48.851214	-86.937023	56487.54	56238.7	11.32	56498.86	56476.36719	56559.62072	56545.59375	504620.0	5410918.0
L4620.0	504620.0	5410918.0	33185.60156	331.01	0	48.851214	-86.937023	56488.20	56238.7	11.32	56499.51	56476.84766	56559.25335	56544.78906	504620.0	5410918.0
L4620.0	504620.0	5410919.5	33185.69922	333.15	0	48.851227	-86.937023	56488.99	56238.7	11.31	56500.30	56477.46875	56561.78890	56546.88281	504620.0	5410919.5
L4620.0	504620.0	5410919.5	33185.80078	332.56	0	48.851227	-86.937023	56489.66	56238.7	11.31	56500.96	56477.96484	56561.64512	56546.29297	504620.0	5410919.5
L4620.0	504620.0	5410921.0	33185.89844	330.06	0	48.851241	-86.937023	56490.70	56238.7	11.30	56502.00	56478.83984	56569.27106	56553.47266	504620.0	5410921.0
L4620.0	504620.0	5410922.8	33186.00000	330.65	0	48.851256	-86.937023	56491.41	56238.7	11.30	56502.71	56479.38672	56570.11052	56553.86719	504620.0	5410922.8
L4620.0	504620.0	5410924.7	33186.10156	330.32	0	48.851274	-86.937023	56491.85	56238.7	11.30	56503.15	56479.67188	56565.51978	56548.82813	504620.0	5410924.7
L4620.0	504620.0	5410924.7	33186.19922	330.79	0	48.851274	-86.937023	56492.59	56238.7	11.29	56503.88	56480.24219	56566.82987	56549.69141	504620.0	5410924.7
L4620.0	504620.0	5410925.9	33186.30078	332.56	0	48.851285	-86.937023	56493.25	56238.7	11.29	56504.55	56480.76172	56566.97618	56549.38672	504620.0	5410925.9
L4620.0	504620.0	5410928.0	33186.39844	333.83	0	48.851304	-86.937023	56494.15	56238.7	11.29	56505.44	56481.50000	56571.46256	56553.42188	504620.0	5410928.0
L4620.0	504620.0	5410929.5	33186.50000	333.03	0	48.851317	-86.937022	56494.89	56238.7	11.28	56506.17	56482.08203	56572.82847	56554.33594	504620.0	5410929.5
L4620.0	504620.0	5410929.5	33186.60156	332.10	0	48.851317	-86.937022	56495.52	56238.7	11.28	56506.81	56482.57813	56572.53516	56553.59375	504620.0	5410929.5
L4620.0	504620.0	5410931.3	33186.60156	332.10	0	48.851333	-86.937022	56495.75	56238.7	11.28	56507.04	56482.66797	56564.71125	56545.32031	504620.0	5410931.3
L4620.0	504620.0	5410932.7	33186.80078	332.95	0	48.851346	-86.937022	56496.70	56238.7	11.28	56507.97	56483.46094	56570.08722	56550.24609	504620.0	5410932.7
L4620.0	504620.1	5410934.2	33186.89844	332.03	0	48.851359	-86.937022	56497.54	56238.7	11.27	56508.81	56484.16406	56573.79896	56553.50391	504620.1	5410934.2
L4620.0	504620.1	5410934.2	33187.00000	323.42	0	48.851359	-86.937022	56498.13	56238.7	11.27	56509.40	56484.62109	56571.31559	56550.57031	504620.1	5410934.2
L4620.0	504620.1	5410935.9	33187.10156	323.19	0	48.851374	-86.937022	56498.74	56238.7	11.27	56510.00	56485.09375	56570.52198	56549.32813	504620.1	5410935.9
L4620.0	504620.1	5410937.6	33187.19922	322.58	0	48.851390	-86.937022	56499.33	56238.7	11.26	56510.59	56485.55859	56569.76669	56548.12891	504620.1	5410937.6
L4620.0	504620.1	5410937.6	33187.30078	322.20	0	48.851390	-86.937022	56500.04	56238.7	11.26	56511.30	56486.14844	56572.20101	56550.11328	504620.1	5410937.6
L4620.0	504620.1	5410939.1	33187.39844	319.97	0	48.851403	-86.937022	56500.63	56238.7	11.26	56511.89	56486.62109	56572.00006	56549.46875	504620.1	5410939.1
L4620.0	504620.1	5410940.6	33187.50000	321.82	0	48.851416	-86.937022	56501.26	56238.7	11.25	56512.52	56487.13672	56573.04463	56550.06641	504620.1	5410940.6
L4620.0	504620.1	5410940.6	33187.60156	322.79	0	48.851416	-86.937022	56501.91	56238.7	11.25	56513.16	56487.66797	56574.60792	56551.19141	504620.1	5410940.6
L4620.0	504620.1	5410942.3	33187.69922	321.76	0	48.851432	-86.937021	56502.44	56238.8	11.25	56513.69	56488.08984	56573.98207	56550.12500	504620.1	5410942.3
L4620.0	504620.1	5410944.0	33187.80078	319.82	0	48.851447	-86.937021	56503.11	56238.8	11.25	56514.35	56488.64844	56576.62135	56552.32422	504620.1	5410944.0
L4620.0	504620.1	5410944.0	33187.89844	319.83	0	48.851447	-86.937021	56503.67	56238.8	11.24	56514.91	56489.10938	56577.37275	56552.64063	504620.1	5410944.0
L4620.0	504620.1	5410946.2	33188.00000	320.00	0	48.851467	-86.937021	56504.05	56238.8	11.24	56515.29	56489.39453	56574.60060	56549.43750	504620.1	5410946.2
L4620.0	504620.2	5410947.9	33188.10156	322.47	0	48.851482	-86.937021	56504.64	56238.8	11.24	56515.88	56489.89453	56576.80294	56551.20703	504620.2	5410947.9
L4620.0	504620.2	5410947.9	33188.19922	323.31	0	48.851482	-86.937021	56505.35	56238.8	11.24	56516.58	56490.50781	56581.72691	56555.70313	504620.2	5410947.9
L4620.0	504620.2	5410949.8	33188.30078	320.78	0	48.851500	-86.937020	56505.50	56238.8	11.23	56516.74	56490.58594	56575.60309	56549.15625	504620.2	5410949.8
L4620.0	504620.2	5410951.7	33188.39844	322.59	0	48.851516	-86.937020	56505.96	56238.8	11.23	56517.19	56490.95703	56576.08531	56549.21484	504620.2	5410951.7
L4620.0	504620.2	5410951.7	33188.50000	322.02	0	48.851516	-86.937020	56506.42	56238.8	11.23	56517.65	56491.34375	56577.21498	56549.92578	504620.2	5410951.7
L4620.0	504620.2	5410953.3	33188.60156	322.44	0	48.851531	-86.937020	56507.21	56238.8	11.23	56518.44	56492.06641	56585.66268	56557.96094	504620.2	5410953.3
L4620.0	504620.2	5410955.0	33188.60156	322.44	0	48.851546	-86.937019	56507.42	56238.8	11.23	56518.65	56492.21094	56582.43262	56554.32031	504620.2	5410955.0
L4620.0	504620.2	5410955.0	33188.80078	322.12	0	48.851546	-86.937019	56507.77	56238.8	11.22	56519.00	56492.50000	56582.56171	56554.04297	504620.2	5410955.0
L4620.0	504620.2	5410956.7	33188.89844	322.44	0	48.851562	-86.937019	56508.14	56238.8	11.22	56519.36	56492.80469	56583.31815	56554.39453	504620.2	5410956.7
L4620.0	504620.2	5410956.7	33189.00000	322.31	0	48.851562	-86.937019	56508.44	56238.8	11.22	56519.66	56493.05078	56583.26021	56553.93750	504620.2	5410956.7
L4620.0	504620.3	5410958.6	33189.10156	323.19	0	48.851578	-86.937019	56508.77	56238.8	11.22	56519.98	56493.32422	56584.08087	56554.36328	504620.3	5410958.6
L4620.0	504620.3	5410960.3	33189.19922	322.11	0	48.851594	-86.937019	56508.90	56238.8	11.21	56520.11	56493.41016	56581.38869	56551.28125	504620.3	5410960.3
L4620.0	504620.3	5410962.1	33189.30078	322.77	0	48.851610	-86.937019	56509.31	56238.8	11.21	56520.51	56493.77344	56584.88034	56554.38672	504620.3	5410962.1
L4620.0	504620.3	5410962.1	33189.39844	323.38	0	48.851610	-86.937019	56509.54	56238.8	11.20	56520.74	56493.96875	56585.31475	56554.43750	504620.3	5410962.1
L4620.0	504620.3	5410964.1	33189.50000	323.57	0	48.851628	-86.937019	56509.79	56238.8	11.20	56520.99	56494.18750	56586.72565	56555.47266	504620.3	5410964.1
L4620.0	504620.3	5410965.9	33189.60156	320.15	0	48.851645	-86.937018	56509.89	56238.8	11.20	56521.09	56494.26172	56585.45478	56553.82813	504620.3	5410965.9
L4620.0	504620.3	5410965.9	33189.69922	321.13	0	48.851645	-86.937018	56510.15	56238.8	11.19	56521.34	56494.49219	56588.01483	56556.02344	504620.3	5410965.9
L4620.0	504620.3	5410967.5	33189.80078	318.80	0	48.851658	-86.937018	56510.35	56238.8	11.19	56521.54	56494.67578	56590.09272	56557.73828	504620.3	5410967.5
L4620.0	504620.3	5410967.5	33189.89844	319.70	0	48.851658	-86.937018	56510.51	56238.8	11.18	56521.69	56494.81641	56591.66495	56558.95313	504620.3	5410967.5
L4620.0	504620.3	5410970.1	33190.00000	320.13	0	48.851682	-86.937018	56510.43	56238.8	11.18	56521.61	56494.73047	56588.53028	56555.46875	504620.3	5410970.1
L4620.0	504620.3	5410970.9	33190.10156	319.91	0	48.851689	-86.937018	56510.76	56238.8	11.18	56521.94	56495.05859	56595.49473	56562.08594	504620.3	5410970.9
L4620.0	504620.3	5410972.9	33190.19922	320.29	0	48.851707	-86.937018	56510.96	56238.8	11.17	56522.14	56495.26172	56600.15152	56566.40234	504620.3	5410972.9
L4620.0	504620.3	5410972.9	33190.30078	334.44	0	48.851707	-86.937018	56511.17	56238.8	11.17	56522.34	56495.46875	56605.53450	56571.45313	504620.3	5410972.9
L4620.0	504620.4	5410974.4	33190.39844	334.19	0	48.851720	-86.937017	56511.02	56238.8	11.17	56522.18	56495.32031	56602.62864	56568.21875	504620.4	5410974.4
L4620.0	504620.4	5410976.3	33190.50000	332.84	0	48.851738	-86.937017	56510.86	56238.8	11.17	56522.02	56495.17578	56611.58223	56576.84766	504620.4	5410976.3
L4620.0	504620.4	5410977.4	33190.60156	330.94	0	48.851748	-86.937017	56511.27	56238.8	11.16	56522.43	56495.60938	56621.32116	56586.26953	504620.4	5410977.4
L4620.0	504620.4	5410977.4	33190.60156	330.94	0	48.851748	-86.937017	56510.84	56238.8	11.16	56522.00	56495.20313	56616.06963	56580.70703	504620.4	5410977.4
L4620.0	504620.4	5410979.1	33190.80078	334.16	0	48.851763	-86.937017	56511.04	56238.8	11.16	56522.20	56495.43359	56622.80236	56587.13672	504620.4	5410979.1
L4620.0	504620.5	5410980.9	33190.89844	332.17	0	48.851779	-86.937016	56510.81	56238.8	11.15	56521.97	56495.23828	56621.67911	56585.71094	504620.5	5410980.9
L4620.0	504620.5	5410980.9	33191.00000	333.57	0	48.851779	-86.937016	56510.66	56238.8	11.15	56521.81	56495.11719	56622.08044	56585.82031	504620.5	5410980.9
L4620.0	504620.5	5410982.7	33191.10156	333.41	0	48.851795	-86.937016	56510.66	56238.9	11.15	56521.81	56495.16406	56625.87027	56589.32422	504620.5	5410982.7
L4620.0	504620.5	5410984.2	33191.19922	333.19	0	48.851809	-86.937015	56510.38	56238.9	11.15	56521.53	56494.92969	56624.22929	56587.40625	504620.5	5410984.2
L4620.0	504620.5	5410984.2	33191.30078	335.37	0	48.851809	-86.937015	56510.25	56238.9	11.14	56521.39	56494.84375	56625.56279	56588.46484	504620.5	5410984.2
L4620.0	504620.5	5410985.6	33191.39844	336.14	0	48.851822	-86.937015	56510.09	56238.9	11.14	56521.24	56494.75000	56626.84987	56589.48438	504620.5	5410985.6
L4620.0	504620.5	5410985.6	33191.50000	337.51	0	48.851822	-86.937015	56509.84	56238.9	11.14	56520.98	56494.55078	56625.97082	56588.34375	504620.5	5410985.6
L4620.0	504620.6	5410987.9	33191.60156	333.59	0	48.851842	-86.937014	56509.82	56238.9	11.14	56520.96	56494.59766	56630.30258	56592.42188	504620.6	5410987.9
L4620.0	504620.6	5410989.6	33191.69922	335.82	0	48.851858	-86.937014	56509.46	56238.9	11.14	56520.59	56494.29688	56627.33690	56589.21094	504620.6	5410989.6
L4620.0	504620.6	5410989.6	33191.80078	334.84	0	48.851858	-86.937014	56509.02	56238.9	11.13	56520.16	56493.94141	56623.18837	56584.82422	504620.6	5410989.6
L4620.0	504620.6	5410991.4	33191.89844	338.35	0	48.851873	-86.937014	56509.28	56238.9	11.13	56520.41	56494.27344	56633.84825	56595.25000	504620.6	5410991.4
L4620.0	504620.6	5410993.1	33192.00000	341.26	0	48.851889	-86.937014	56508.44	56238.9	11.13	56519.57	56493.51563	56621.10233	56582.27734	504620.6	5410993.1
L4620.0	504620.6	5410993.1	33192.10156	322.70	0	48.851889	-86.937014	56508.46	56238.9	11.13	56519.59	56493.62109	56627.13097	56588.08594	504620.6	5410993.1
L4620.0	504620.6	5410995.3	33192.19922	322.75	0	48.851909	-86.937013	56507.83	56238.9	11.12	56518.95	56493.07422	56618.99877	56579.74219	504620.6	5410995.3
L4620.0	504620.7	5410997.1	33192.30078	337.46	0	48.851925	-86.937013	56507.57	56238.9	11.12	56518.69	56492.91016	56619.29716	56579.83594	504620.7	5410997.1
L4620.0	504620.7	5410997.1	33192.39844	335.12	0	48.851925	-86.937013	56507.57	56238.9	11.12	56518.68	56493.00000	56625.22127	56585.55859	504620.7	5410997.1
L4620.0	504620.7	5410998.8	33192.50000	333.91	0	48.851940	-86.937013	56506.88	56238.9	11.11	56518.00	56492.42188	56616.78225	56576.92969	504620.7	5410998.8
L4620.0	504620.7	5411000.5	33192.60156	336.22	0	48.851956	-86.937013	56506.34	56238.9	11.11	56517.46	56491.98828	56611.58796	56571.55078	504620.7	5411000.5

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4620.0	504620.7	5411000.5	33192.60156	336.22	0	48.851956	-86.937013	56506.02	56238.9	11.11	56517.13	56491.76953	56611.15609	56570.94141	504620.7	5411000.5
L4620.0	504620.7	5411002.2	33192.80078	333.14	0	48.851971	-86.937013	56505.91	56238.9	11.11	56517.02	56491.77344	56615.69046	56575.30469	504620.7	5411002.2
L4620.0	504620.7	5411003.7	33192.89844	333.29	0	48.851984	-86.937013	56505.20	56238.9	11.10	56516.30	56491.17578	56607.17986	56566.63281	504620.7	5411003.7
L4620.0	504620.7	5411003.7	33193.00000	330.45	0	48.851984	-86.937013	56504.69	56238.9	11.10	56515.79	56490.78516	56603.39518	56562.69141	504620.7	5411003.7
L4620.0	504620.7	5411005.4	33193.10156	331.06	0	48.852000	-86.937013	56504.28	56238.9	11.10	56515.37	56490.49219	56601.71407	56560.85938	504620.7	5411005.4
L4620.0	504620.7	5411006.7	33193.19922	331.55	0	48.852011	-86.937013	56503.79	56238.9	11.09	56514.89	56490.14063	56598.86994	56557.87500	504620.7	5411006.7
L4620.0	504620.7	5411008.5	33193.30078	332.61	0	48.852027	-86.937013	56503.11	56238.9	11.09	56514.20	56489.58594	56591.60515	56550.47656	504620.7	5411008.5
L4620.0	504620.7	5411008.5	33193.39844	335.72	0	48.852027	-86.937013	56502.77	56238.9	11.09	56513.86	56489.38281	56592.02729	56550.76953	504620.7	5411008.5
L4620.0	504620.7	5411010.7	33193.50000	338.16	0	48.852048	-86.937012	56502.49	56238.9	11.08	56513.57	56489.23047	56593.62383	56552.24609	504620.7	5411010.7
L4620.0	504620.7	5411010.7	33193.60156	338.74	0	48.852048	-86.937012	56501.81	56238.9	11.08	56512.89	56488.69531	56586.87660	56545.38672	504620.7	5411010.7
L4620.0	504620.7	5411012.2	33193.69922	338.81	0	48.852061	-86.937012	56501.46	56238.9	11.08	56512.54	56488.49219	56587.33238	56545.73828	504620.7	5411012.2
L4620.0	504620.7	5411014.2	33193.80078	337.30	0	48.852078	-86.937012	56500.88	56238.9	11.08	56511.96	56488.06250	56582.89405	56541.20313	504620.7	5411014.2
L4620.0	504620.7	5411014.2	33193.89844	335.80	0	48.852078	-86.937012	56499.99	56238.9	11.07	56511.06	56487.31250	56571.63401	56529.85156	504620.7	5411014.2
L4620.0	504620.7	5411016.0	33194.00000	333.71	0	48.852095	-86.937013	56499.68	56238.9	11.07	56510.75	56487.16016	56573.12835	56531.26172	504620.7	5411016.0
L4620.0	504620.7	5411017.6	33194.10156	333.13	0	48.852109	-86.937013	56499.18	56238.9	11.07	56510.24	56486.80859	56570.36333	56528.42188	504620.7	5411017.6
L4620.0	504620.7	5411017.6	33194.19922	331.77	0	48.852109	-86.937013	56498.76	56238.9	11.07	56509.83	56486.55859	56569.77947	56527.76953	504620.7	5411017.6
L4620.0	504620.7	5411019.0	33194.30078	329.93	0	48.852122	-86.937013	56498.43	56238.9	11.06	56509.50	56486.39453	56570.93348	56528.86328	504620.7	5411019.0
L4620.0	504620.6	5411020.5	33194.39844	332.29	0	48.852136	-86.937013	56497.85	56238.9	11.06	56508.91	56485.97266	56566.56023	56524.43359	504620.6	5411020.5
L4620.0	504620.6	5411022.3	33194.50000	334.91	0	48.852151	-86.937013	56497.23	56238.9	11.06	56508.29	56485.52344	56561.59017	56519.41797	504620.6	5411022.3
L4620.0	504620.6	5411022.3	33194.60156	336.12	0	48.852151	-86.937013	56497.00	56238.9	11.06	56508.06	56485.46484	56564.95736	56522.74609	504620.6	5411022.3
L4620.0	504620.6	5411023.8	33194.60156	336.12	0	48.852165	-86.937014	56496.08	56238.9	11.06	56507.14	56484.71875	56553.70955	56511.46484	504620.6	5411023.8
L4620.0	504620.6	5411025.5	33194.80078	336.62	0	48.852181	-86.937014	56495.96	56238.9	11.05	56507.01	56484.76563	56559.27510	56517.00781	504620.6	5411025.5
L4620.0	504620.6	5411025.5	33194.89844	332.84	0	48.852181	-86.937014	56495.04	56238.9	11.05	56506.09	56484.02734	56548.13904	56505.85547	504620.6	5411025.5
L4620.0	504620.5	5411027.0	33195.00000	330.98	0	48.852194	-86.937014	56494.96	56238.9	11.05	56506.01	56484.12891	56554.84251	56512.55078	504620.5	5411027.0
L4620.0	504620.5	5411028.7	33195.10156	330.10	0	48.852210	-86.937015	56494.32	56239	11.05	56505.37	56483.67578	56549.72535	56507.42969	504620.5	5411028.7
L4620.0	504620.5	5411028.7	33195.19922	329.02	0	48.852210	-86.937015	56493.76	56239	11.05	56504.81	56483.30078	56546.33976	56504.05078	504620.5	5411028.7
L4620.0	504620.5	5411030.5	33195.30078	328.45	0	48.852225	-86.937015	56493.54	56239	11.04	56504.58	56483.26172	56549.98988	56507.71094	504620.5	5411030.5
L4620.0	504620.4	5411032.3	33195.39844	330.50	0	48.852242	-86.937016	56492.92	56239	11.04	56503.96	56482.83203	56545.40767	56503.15234	504620.4	5411032.3
L4620.0	504620.4	5411032.3	33195.50000	333.41	0	48.852242	-86.937016	56492.13	56239	11.04	56503.17	56482.23438	56537.24734	56495.01953	504620.4	5411032.3
L4620.0	504620.4	5411034.1	33195.60156	333.32	0	48.852257	-86.937016	56492.16	56239	11.04	56503.20	56482.45703	56546.56509	56504.37109	504620.4	5411034.1
L4620.0	504620.4	5411035.8	33195.69922	333.26	0	48.852273	-86.937017	56491.70	56239	11.04	56502.74	56482.19531	56545.51432	56503.36328	504620.4	5411035.8
L4620.0	504620.3	5411037.0	33195.80078	333.12	0	48.852283	-86.937017	56491.04	56239	11.03	56502.07	56481.72266	56540.03981	56497.93750	504620.3	5411037.0
L4620.0	504620.3	5411037.0	33195.89844	334.82	0	48.852283	-86.937017	56490.91	56239	11.03	56501.94	56481.79297	56546.12433	56504.07813	504620.3	5411037.0
L4620.0	504620.3	5411038.7	33196.00000	336.04	0	48.852299	-86.937018	56490.39	56239	11.03	56501.42	56481.47656	56543.95867	56501.97656	504620.3	5411038.7
L4620.0	504620.3	5411040.2	33196.10156	334.73	0	48.852312	-86.937018	56489.96	56239	11.03	56500.99	56481.25000	56543.77541	56501.86719	504620.3	5411040.2
L4620.0	504620.2	5411042.0	33196.19922	337.02	0	48.852329	-86.937019	56489.63	56239	11.03	56500.66	56481.12109	56545.78779	56503.95703	504620.2	5411042.0
L4620.0	504620.2	5411042.0	33196.30078	320.99	0	48.852329	-86.937019	56489.45	56239	11.03	56500.48	56481.14844	56551.04270	56509.29688	504620.2	5411042.0
L4620.0	504620.2	5411043.4	33196.39844	321.30	0	48.852341	-86.937019	56488.82	56239	11.03	56499.84	56480.71484	56546.68059	56505.03125	504620.2	5411043.4
L4620.0	504620.2	5411043.4	33196.50000	337.61	0	48.852341	-86.937019	56488.51	56239	11.03	56499.53	56480.61328	56549.39394	56507.84375	504620.2	5411043.4
L4620.0	504620.1	5411045.3	33196.60156	332.58	0	48.852358	-86.937020	56488.31	56239	11.02	56499.33	56480.62500	56554.52056	56513.07813	504620.1	5411045.3
L4620.0	504620.1	5411046.6	33196.60156	332.58	0	48.852370	-86.937020	56487.97	56239	11.02	56498.99	56480.49609	56556.87663	56515.55078	504620.1	5411046.6
L4620.0	504620.1	5411046.6	33196.80078	334.68	0	48.852370	-86.937020	56487.11	56239	11.02	56498.13	56479.84766	56548.72497	56507.51953	504620.1	5411046.6
L4620.0	504620.0	5411049.0	33196.89844	335.22	0	48.852392	-86.937021	56487.11	56239	11.02	56498.13	56480.05859	56558.52013	56517.44531	504620.0	5411049.0
L4620.0	504620.0	5411050.6	33197.00000	335.60	0	48.852406	-86.937022	56486.97	56239	11.02	56497.99	56480.13281	56565.66093	56524.72266	504620.0	5411050.6
L4620.0	504619.9	5411052.3	33197.10156	335.91	0	48.852422	-86.937022	56486.44	56239	11.02	56497.46	56479.81641	56565.16312	56524.37109	504619.9	5411052.3
L4620.0	504619.9	5411052.3	33197.19922	335.72	0	48.852422	-86.937022	56486.00	56239	11.02	56497.03	56479.60156	56567.07801	56526.43359	504619.9	5411052.3
L4620.0	504619.9	5411054.2	33197.30078	333.35	0	48.852439	-86.937023	56485.49	56239	11.02	56496.51	56479.30078	56567.59418	56527.10938	504619.9	5411054.2
L4620.0	504619.9	5411054.2	33197.39844	317.11	0	48.852439	-86.937023	56484.93	56239	11.02	56495.96	56478.96484	56567.96996	56527.65234	504619.9	5411054.2
L4620.0	504619.9	5411056.2	33197.50000	317.40	0	48.852456	-86.937023	56484.40	56239	11.02	56495.42	56478.64453	56569.05024	56528.90625	504619.9	5411056.2
L4620.0	504619.8	5411057.7	33197.60156	329.29	0	48.852470	-86.937023	56483.86	56239	11.03	56494.89	56478.33203	56570.87733	56530.91016	504619.8	5411057.7
L4620.0	504619.8	5411059.1	33197.69922	330.16	0	48.852483	-86.937024	56483.53	56239	11.03	56494.56	56478.21875	56577.38082	56537.60156	504619.8	5411059.1
L4620.0	504619.8	5411059.1	33197.80078	332.67	0	48.852483	-86.937024	56483.25	56239	11.03	56494.27	56478.14844	56585.38001	56545.79297	504619.8	5411059.1
L4620.0	504619.8	5411061.2	33197.89844	331.95	0	48.852502	-86.937024	56482.51	56239	11.03	56493.54	56477.63672	56584.94724	56545.56250	504619.8	5411061.2
L4620.0	504619.8	5411061.2	33198.00000	330.92	0	48.852502	-86.937024	56481.97	56239	11.03	56493.00	56477.31641	56589.11677	56549.93750	504619.8	5411061.2
L4620.0	504619.8	5411063.4	33198.10156	318.50	0	48.852521	-86.937023	56481.77	56239	11.03	56492.80	56477.33594	56601.21781	56562.25391	504619.8	5411063.4
L4620.0	504619.8	5411063.4	33198.19922	320.98	0	48.852521	-86.937023	56480.59	56239	11.03	56491.62	56476.37891	56593.17110	56554.42578	504619.8	5411063.4
L4620.0	504619.9	5411065.1	33198.30078	322.81	0	48.852537	-86.937023	56480.62	56239	11.03	56491.65	56476.62891	56611.85124	56573.33594	504619.9	5411065.1
L4620.0	504619.9	5411066.8	33198.39844	337.04	0	48.852552	-86.937023	56479.22	56239	11.03	56490.25	56475.44922	56600.19183	56561.91016	504619.9	5411066.8
L4620.0	504619.9	5411066.8	33198.50000	339.56	0	48.852552	-86.937023	56479.12	56239	11.03	56490.15	56475.57031	56617.75410	56579.71484	504619.9	5411066.8
L4620.0	504619.9	5411068.5	33198.60156	339.38	0	48.852568	-86.937023	56477.86	56239	11.03	56488.89	56474.52734	56610.31506	56572.52344	504619.9	5411068.5
L4620.0	504619.9	5411070.2	33198.60156	339.38	0	48.852582	-86.937022	56477.48	56239	11.03	56488.51	56474.37109	56623.27133	56585.73047	504619.9	5411070.2
L4620.0	504619.9	5411071.8	33198.80078	343.30	0	48.852597	-86.937022	56476.59	56239	11.03	56487.62	56473.69922	56625.44536	56588.16797	504619.9	5411071.8
L4620.0	504619.9	5411071.8	33198.89844	341.40	0	48.852597	-86.937022	56475.39	56239	11.03	56486.42	56472.71875	56621.14539	56584.13672	504619.9	5411071.8
L4620.0	504619.9	5411073.5	33199.00000	341.01	0	48.852612	-86.937022	56474.85	56239	11.03	56485.88	56472.40234	56632.66189	56595.92578	504619.9	5411073.5
L4620.0	504620.0	5411075.2	33199.10156	339.00	0	48.852627	-86.937022	56473.35	56239	11.03	56484.38	56471.12109	56622.61649	56586.16016	504620.0	5411075.2
L4620.0	504620.0	5411076.8	33199.19922	336.23	0	48.852642	-86.937022	56473.27	56239	11.03	56484.30	56471.26172	56646.15980	56609.99219	504620.0	5411076.8
L4620.0	504620.0	5411076.8	33199.30078	335.16	0	48.852642	-86.937022	56471.59	56239	11.03	56482.62	56469.80078	56633.12161	56597.24609	504620.0	5411076.8
L4620.0	504620.0	5411078.4	33199.39844	335.58	0	48.852656	-86.937022	56470.95	56239	11.03	56481.97	56469.36719	56644.67091	56609.09766	504620.0	5411078.4
L4620.0	504620.0	5411078.4	33199.50000	337.19	0	48.852656	-86.937022	56469.16	56239	11.03	56480.19	56467.80859	56630.59474	56595.32813	504620.0	5411078.4
L4620.0	504620.0	5411080.3	33199.60156	337.41	0	48.852673	-86.937021	56468.60	56239	11.03	56479.63	56467.46484	56645.49296	56610.53906	504620.0	5411080.3
L4620.0	504620.0	5411082.4	33199.69922	334.20	0	48.852692	-86.937021	56466.89	56239	11.03	56477.92	56465.97266	56634.48859	56599.85156	504620.0	5411082.4
L4620.0	504620.0	5411082.4	33199.80078	336.09	0	48.852692	-86.937021	56465.97	56239	11.03	56477.00	56465.27344	56642.40835	56608.09766	504620.0	5411082.4
L4620.0	504620.0	5411084.1	33199.89844	332.57	0	48.852708	-86.937021	56464.70	56239	11.03	56475.73	56464.21875	56643.03301	56609.05469	504620.0	5411084.1
L4620.0	504620.0	5411084.1	33200.00000	334.87	0	48.852708	-86.937021	56463.21	56239	11.03	56474.24	56462.94531	56639.47736	56605.83594	504620.0	5411084.1
L4620.0	504620.0	5411086.1	33200.10156	334.89	0	48.852726	-86.937021	56462.12	56239	11.03	56473.15	56462.07422	56645.76399	56612.46484	504620.0	5411086.1
L4620.0	504620.0	5411087.9	33200.19922	334.24	0	48.852742	-86.937022	56460.48	56239	11.03	56471.51	56460.64844	56640.60830	56607.65625	504620.0	5411087.9
L4620.0	504620.0	5411087.9	33200.30078	335.21	0	48.852742	-86.937022	56458.72	56239	11.04	56469.76	56459.11328	56634.00898	56601.41016	504620.0	5411087.9
L4620.0	504619.9	5411090.1	33200.39844	334.69	0	48.852762	-86.937022	56456.91	56239	11.04	56467.95	56457.51953	56627.10842	56594.87109	504619.9	5411090.1
L4620.0	504619.9	5411090.1	33200.50000	335.82	0	48.852762	-86.937022	56455.92	56239	11.04	56466.96	56456.74219	56639.08964	56607.21875	504619.9	5411090.1
L4620.0	504619.9	5411091.8	33200.60156	334.81	0	48.852777	-86.937022	56454.08	56239	11.04	56465.12	56455.11328	56633.44236	56601.94531	504619.9	5411091.8
L4620.0	504619.9	5411093.5	33200.60156	334.81	0	48.852792	-86.937023	56452.34	56239	11.04	56463.39	56453.59766	56631.13801	56600.01563	504619.9	5411093.5
L4620.0	504619.9	5411093.5	33200.80078	334.77	0	48.852792	-86.937023	56449.92	56239	11.05	56460.96	56451.37891	56614.72545	56583.98828	504619.9	5411093.5
L4620.0	504619.9	5411095.1	33200.89844	334.83	0	48.852806	-86.937023	56448.26	56239	11.05	56459.31	56449.94141	56615.99579	56585.64453	504619.9	5411095.1
L4620.0	504619.9	5411095.1	33201.00000	332.74	0	48.852806	-86.937023	56446.55	56238.9	11.05	56457.60	56448.44141	56616.83007	56586.87500	504619.9	5411095.1
L4620.0	504619.8	5411096.9	33201.10156	332.87	0	48.852823	-86.937023	56444.82	56238.9	11.05	56455.87	56446.92188	56618.06129	56588.50391	504619.8	5411096.9
L4620.0	504619.8	5411098.6	33201.19922	330.84	0	48.852838	-86.937024	56442.85	56238.9	11.06	56453.91	56445.17188	56615.21334	56586.05859	504619.8	5411098.6
L4620.0	504619.8	5411099.9	33201.30078	330.69	0	48.852849	-86.937024	56440.78	56238.9	11.06	56451.84	56443.30859	56610.82103	56582.07813	504619.8	5411099.9
L4620.0	504619.7	5411101.3	33201.39844	330.71	0	48.852863	-86.937024	56438.36	56238.9	11.06	56449.42	56441.09766	56599.77895	56571.45313	504619.7	5411101.3
L4620.0	504619.7	5411101.3	33201.50000	334.89	0	48.852863	-86.937024	56436.29	56238.9	11.07	56447.35	56439.23438	56596.82192	56568.91406	504619.7	5411101.3
L4620.0	504619.7	5411103.1	33201.60156	333.87	0	48.852879	-86.937025	56434.40	56238.9	11.07	56445.47	56437.55859	56598.50130	56571.01953	504619.7	5411103.1
L4620.0	504619.7	5411105.3	33201.69922	332.10	0	48.852899	-86.937025	56431.68	56238.9	11.07	56442.75	56435.04297	56583.12583	56556.07031	504619.7	5411105.3
L4620.0	504619.7	5411105.3	33201.80078	333.84	0	48.852899	-86.937025	56429.76	56238.9	11.07	56440.83	56433.32813	56585.11549	56558.49609	504619.7	5411105.3
L4620.0	504619.6	5411106.9	33201.89844	332.27	0	48.852912	-86.937026	56427.18	56238.9	11.08	56438.26	56430.96094	56574.00405	56547.82422	504619.6	5411106.9

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4620.0	504619.6	5411108.1	33202.00000	335.44	0	48.852923	-86.937026	56424.93	56238.9	11.08	56436.01	56428.91406	56570.06967	56544.33203	504619.6	5411108.1
L4620.0	504619.6	5411108.1	33202.10156	320.68	0	48.852923	-86.937026	56422.46	56238.9	11.08	56433.54	56426.64844	56561.97679	56536.68750	504619.6	5411108.1
L4620.0	504619.6	5411109.9	33202.19922	320.44	0	48.852939	-86.937027	56419.78	56238.9	11.08	56430.86	56424.16797	56549.91958	56525.08203	504619.6	5411109.9
L4620.0	504619.5	5411111.1	33202.30078	333.92	0	48.852951	-86.937027	56417.38	56238.9	11.09	56428.47	56421.97656	56544.23779	56519.85938	504619.5	5411111.1
L4620.0	504619.5	5411112.6	33202.39844	334.09	0	48.852964	-86.937027	56414.65	56238.9	11.09	56425.74	56419.44531	56531.83605	56507.91797	504619.5	5411112.6
L4620.0	504619.5	5411112.6	33202.50000	333.79	0	48.852964	-86.937027	56411.99	56238.9	11.09	56423.08	56416.98438	56521.16572	56497.71484	504619.5	5411112.6
L4620.0	504619.5	5411114.9	33202.60156	333.47	0	48.852985	-86.937028	56409.49	56238.9	11.09	56420.58	56414.68359	56513.99631	56491.01172	504619.5	5411114.9
L4620.0	504619.4	5411116.6	33202.60156	333.47	0	48.853000	-86.937028	56406.87	56238.9	11.09	56417.96	56412.25781	56504.55151	56482.03906	504619.4	5411116.6
L4620.0	504619.4	5411116.6	33202.80078	335.82	0	48.853000	-86.937028	56403.98	56238.9	11.10	56415.07	56409.56250	56489.83031	56467.79688	504619.4	5411116.6
L4620.0	504619.4	5411118.1	33202.89844	330.70	0	48.853013	-86.937029	56401.53	56238.9	11.10	56412.63	56407.32031	56484.28058	56462.72656	504619.4	5411118.1
L4620.0	504619.4	5411119.8	33203.00000	329.61	0	48.853029	-86.937029	56398.55	56238.9	11.10	56409.65	56404.53125	56468.11726	56447.04688	504619.4	5411119.8
L4620.0	504619.4	5411119.8	33203.10156	330.58	0	48.853029	-86.937029	56396.09	56238.9	11.11	56407.20	56402.27734	56462.50055	56441.91797	504619.4	5411119.8
L4620.0	504619.3	5411121.7	33203.19922	326.55	0	48.853046	-86.937030	56393.19	56238.9	11.11	56404.30	56399.56641	56448.21474	56428.12500	504619.3	5411121.7
L4620.0	504619.3	5411123.7	33203.30078	325.84	0	48.853064	-86.937030	56390.38	56238.9	11.12	56401.50	56396.95703	56436.01792	56416.42188	504619.3	5411123.7
L4620.0	504619.3	5411125.2	33203.39844	327.58	0	48.853077	-86.937030	56387.46	56238.9	11.12	56398.59	56394.23828	56421.92619	56402.82813	504619.3	5411125.2
L4620.0	504619.3	5411125.2	33203.50000	329.11	0	48.853077	-86.937030	56384.87	56238.9	11.13	56396.00	56391.83594	56413.89322	56395.29688	504619.3	5411125.2
L4620.0	504619.3	5411126.8	33203.60156	328.48	0	48.853092	-86.937030	56381.95	56238.9	11.14	56393.09	56389.11328	56400.15009	56382.05469	504619.3	5411126.8
L4620.0	504619.3	5411128.9	33203.69922	331.95	0	48.853111	-86.937031	56379.25	56238.9	11.14	56390.40	56386.61328	56396.31836	56378.73047	504619.3	5411128.9
L4620.0	504619.3	5411128.9	33203.80078	330.95	0	48.853111	-86.937031	56376.83	56238.9	11.15	56387.98	56384.37891	56395.83081	56378.75000	504619.3	5411128.9
L4620.0	504619.3	5411130.7	33203.89844	329.61	0	48.853127	-86.937031	56373.87	56238.8	11.15	56385.02	56381.60156	56381.88557	56365.31641	504619.3	5411130.7
L4620.0	504619.3	5411130.7	33204.00000	327.36	0	48.853127	-86.937031	56371.21	56238.8	11.16	56382.38	56379.14844	56375.48191	56359.42969	504619.3	5411130.7
L4620.0	504619.3	5411132.6	33204.10156	327.95	0	48.853143	-86.937031	56368.61	56238.8	11.16	56379.78	56376.73047	56369.64185	56354.10547	504619.3	5411132.6
L4620.0	504619.3	5411134.2	33204.19922	314.17	0	48.853158	-86.937031	56365.78	56238.8	11.17	56376.94	56374.07031	56358.00517	56342.98438	504619.3	5411134.2
L4620.0	504619.3	5411134.2	33204.30078	311.30	0	48.853158	-86.937031	56362.89	56238.8	11.17	56374.06	56371.37109	56345.25951	56330.75781	504619.3	5411134.2
L4620.0	504619.3	5411135.9	33204.39844	311.95	0	48.853173	-86.937030	56360.57	56238.8	11.17	56371.75	56369.24219	56344.44404	56330.46484	504619.3	5411135.9
L4620.0	504619.3	5411137.4	33204.50000	317.26	0	48.853187	-86.937030	56358.14	56238.8	11.18	56369.32	56366.99219	56340.29619	56326.84375	504619.3	5411137.4
L4620.0	504619.3	5411137.4	33204.60156	318.16	0	48.853187	-86.937030	56355.72	56238.8	11.18	56366.90	56364.75000	56335.61829	56322.68750	504619.3	5411137.4
L4620.0	504619.3	5411139.3	33204.60156	318.16	0	48.853204	-86.937030	56353.27	56238.8	11.18	56364.45	56362.47656	56329.56378	56317.16016	504619.3	5411139.3
L4620.0	504619.3	5411141.2	33204.80078	318.37	0	48.853221	-86.937030	56351.03	56238.8	11.18	56362.21	56360.41016	56326.90224	56315.02734	504619.3	5411141.2
L4620.0	504619.3	5411141.2	33204.89844	316.75	0	48.853221	-86.937030	56348.66	56238.8	11.19	56359.84	56358.21484	56320.75110	56309.40625	504619.3	5411141.2
L4620.0	504619.3	5411144.2	33205.00000	316.40	0	48.853248	-86.937029	56346.36	56238.8	11.19	56357.55	56356.09766	56315.25182	56304.43750	504619.3	5411144.2
L4620.0	504619.3	5411144.2	33205.10156	317.15	0	48.853248	-86.937029	56344.18	56238.8	11.19	56355.38	56354.10156	56311.08235	56300.79688	504619.3	5411144.2
L4620.0	504619.4	5411146.2	33205.19922	318.22	0	48.853266	-86.937029	56341.28	56238.8	11.20	56352.48	56351.37109	56291.93077	56282.17578	504619.4	5411146.2
L4620.0	504619.4	5411146.2	33205.30078	318.06	0	48.853266	-86.937029	56339.54	56238.8	11.20	56350.75	56349.81250	56294.02852	56284.80469	504619.4	5411146.2
L4620.0	504619.4	5411147.9	33205.39844	321.01	0	48.853281	-86.937029	56337.66	56238.8	11.21	56348.86	56348.08984	56291.87890	56283.18750	504619.4	5411147.9
L4620.0	504619.3	5411149.3	33205.50000	319.48	0	48.853294	-86.937029	56335.79	56238.8	11.21	56347.00	56346.39844	56289.07940	56280.92188	504619.3	5411149.3
L4620.0	504619.3	5411149.3	33205.60156	319.10	0	48.853294	-86.937029	56333.55	56238.8	11.21	56344.76	56344.32422	56277.81310	56270.18750	504619.3	5411149.3
L4620.0	504619.3	5411151.3	33205.69922	318.18	0	48.853313	-86.937029	56331.84	56238.8	11.22	56343.05	56342.78125	56275.30592	56268.21094	504619.3	5411151.3
L4620.0	504619.3	5411152.5	33205.80078	319.38	0	48.853323	-86.937030	56330.08	56238.8	11.22	56341.30	56341.19531	56270.71540	56264.15234	504619.3	5411152.5
L4620.0	504619.3	5411154.3	33205.89844	320.56	0	48.853339	-86.937030	56328.36	56238.8	11.23	56339.58	56339.63672	56265.33735	56259.30469	504619.3	5411154.3
L4620.0	504619.3	5411154.3	33206.00000	323.11	0	48.853339	-86.937030	56327.20	56238.8	11.23	56338.43	56338.64844	56269.71215	56264.21094	504619.3	5411154.3
L4620.0	504619.3	5411156.1	33206.10156	324.82	0	48.853355	-86.937030	56325.31	56238.8	11.24	56336.54	56336.92188	56258.23354	56253.26172	504619.3	5411156.1
L4620.0	504619.3	5411156.1	33206.19922	323.71	0	48.853355	-86.937030	56324.36	56238.8	11.24	56335.60	56336.14063	56264.23025	56259.78906	504619.3	5411156.1
L4620.0	504619.3	5411158.0	33206.30078	320.89	0	48.853372	-86.937030	56322.86	56238.7	11.25	56334.11	56334.80859	56257.90170	56253.98438	504619.3	5411158.0
L4620.0	504619.3	5411159.3	33206.39844	320.35	0	48.853384	-86.937030	56321.61	56238.7	11.26	56332.86	56333.71484	56255.02326	56251.63281	504619.3	5411159.3
L4620.0	504619.3	5411160.4	33206.50000	321.01	0	48.853394	-86.937030	56320.71	56238.7	11.26	56331.97	56332.98047	56258.26517	56255.40234	504619.3	5411160.4
L4620.0	504619.3	5411160.4	33206.60156	320.78	0	48.853394	-86.937030	56319.41	56238.7	11.27	56330.68	56331.84375	56251.73910	56249.39844	504619.3	5411160.4
L4620.0	504619.3	5411161.9	33206.60156	320.78	0	48.853408	-86.937030	56318.66	56238.7	11.27	56329.94	56331.25391	56255.55170	56253.73047	504619.3	5411161.9
L4620.0	504619.3	5411163.2	33206.80078	320.02	0	48.853419	-86.937030	56317.59	56238.7	11.29	56328.88	56330.34766	56251.05877	56249.75781	504619.3	5411163.2
L4620.0	504619.3	5411163.2	33206.89844	319.27	0	48.853419	-86.937030	56316.83	56238.7	11.29	56328.13	56329.74609	56252.01512	56251.23047	504619.3	5411163.2
L4620.0	504619.3	5411164.6	33207.00000	320.57	0	48.853432	-86.937030	56316.02	56238.7	11.30	56327.32	56329.08594	56250.27365	56250.00391	504619.3	5411164.6
L4620.0	504619.3	5411166.2	33207.10156	321.93	0	48.853446	-86.937029	56315.32	56238.7	11.31	56326.63	56328.54297	56249.94925	56250.19531	504619.3	5411166.2
L4620.0	504619.4	5411168.1	33207.19922	322.56	0	48.853463	-86.937029	56314.68	56238.7	11.31	56326.00	56328.05859	56249.74540	56250.50000	504619.4	5411168.1
L4620.0	504619.4	5411168.1	33207.30078	338.32	0	48.853463	-86.937029	56314.20	56238.7	11.32	56325.52	56327.72266	56251.95219	56253.21094	504619.4	5411168.1
L4620.0	504619.4	5411169.5	33207.39844	336.40	0	48.853476	-86.937028	56313.87	56238.7	11.33	56325.20	56327.54297	56257.06200	56258.82422	504619.4	5411169.5
L4620.0	504619.5	5411171.3	33207.50000	318.86	0	48.853492	-86.937027	56313.28	56238.7	11.34	56324.61	56327.09375	56228.43157	56230.69531	504619.5	5411171.3
L4620.0	504619.5	5411173.1	33207.60156	321.12	0	48.853508	-86.937026	56312.70	56238.7	11.34	56324.04	56326.66406	56227.85179	56230.61328	504619.5	5411173.1
L4620.0	504619.5	5411173.1	33207.69922	321.68	0	48.853508	-86.937026	56312.72	56238.7	11.35	56324.07	56326.83203	56238.00967	56241.26563	504619.5	5411173.1
L4620.0	504619.6	5411175.0	33207.80078	334.60	0	48.853525	-86.937025	56312.44	56238.6	11.36	56323.80	56326.69531	56242.29274	56246.03906	504619.6	5411175.0
L4620.0	504619.6	5411175.0	33207.89844	332.91	0	48.853525	-86.937025	56312.06	56238.6	11.36	56323.42	56326.45313	56244.07191	56248.30469	504619.6	5411175.0
L4620.0	504619.7	5411176.3	33208.00000	331.66	0	48.853537	-86.937024	56312.00	56238.6	11.37	56323.37	56326.53516	56252.03809	56256.75391	504619.7	5411176.3
L4620.0	504619.8	5411177.9	33208.10156	332.47	0	48.853552	-86.937023	56311.90	56238.6	11.38	56323.28	56326.57422	56258.99680	56264.19141	504619.8	5411177.9
L4620.0	504619.8	5411179.7	33208.19922	334.98	0	48.853567	-86.937022	56311.90	56238.6	11.38	56323.28	56326.70313	56267.57908	56273.24609	504619.8	5411179.7
L4620.0	504619.9	5411181.4	33208.30078	335.97	0	48.853583	-86.937021	56311.75	56238.6	11.39	56323.14	56326.69141	56273.01448	56279.15234	504619.9	5411181.4
L4620.0	504619.9	5411181.4	33208.39844	335.68	0	48.853583	-86.937021	56312.03	56238.6	11.39	56323.43	56327.10938	56287.29142	56293.89063	504619.9	5411181.4
L4620.0	504620.0	5411182.8	33208.50000	338.08	0	48.853595	-86.937020	56312.12	56238.6	11.40	56323.52	56327.32031	56297.15208	56304.21484	504620.0	5411182.8
L4620.0	504620.1	5411185.1	33208.60156	337.17	0	48.853616	-86.937019	56311.93	56238.6	11.41	56323.33	56327.25391	56300.69718	56308.21484	504620.1	5411185.1
L4620.0	504620.1	5411185.1	33208.60156	337.17	0	48.853616	-86.937019	56312.23	56238.6	11.41	56323.64	56327.68359	56314.80570	56322.77344	504620.1	5411185.1
L4620.0	504620.2	5411186.8	33208.80078	336.63	0	48.853631	-86.937017	56312.23	56238.6	11.42	56323.65	56327.81250	56322.10232	56330.51172	504620.2	5411186.8
L4620.0	504620.2	5411186.8	33208.89844	336.12	0	48.853631	-86.937017	56312.14	56238.6	11.42	56323.56	56327.83984	56326.88498	56335.73438	504620.2	5411186.8
L4620.0	504620.3	5411188.6	33209.00000	336.10	0	48.853647	-86.937016	56312.42	56238.6	11.43	56323.85	56328.24219	56339.73601	56349.02344	504620.3	5411188.6
L4620.0	504620.3	5411190.1	33209.10156	335.82	0	48.853661	-86.937016	56312.41	56238.6	11.43	56323.85	56328.35547	56345.88906	56355.60156	504620.3	5411190.1
L4620.0	504620.4	5411191.8	33209.19922	334.39	0	48.853677	-86.937015	56312.34	56238.6	11.44	56323.77	56328.38672	56349.98225	56360.11719	504620.4	5411191.8
L4620.0	504620.4	5411191.8	33209.30078	334.45	0	48.853677	-86.937015	56312.44	56238.6	11.44	56323.88	56328.60547	56357.98674	56368.53906	504620.4	5411191.8
L4620.0	504620.4	5411193.6	33209.39844	336.97	0	48.853692	-86.937014	56312.39	56238.6	11.45	56323.83	56328.66016	56362.21783	56373.17969	504620.4	5411193.6
L4620.0	504620.5	5411195.2	33209.50000	336.78	0	48.853707	-86.937013	56312.74	56238.6	11.45	56324.19	56329.12500	56375.17660	56386.54297	504620.5	5411195.2
L4620.0	504620.5	5411196.8	33209.60156	333.51	0	48.853721	-86.937013	56312.63	56238.5	11.45	56324.08	56329.11719	56377.67162	56389.43750	504620.5	5411196.8
L4620.0	504620.5	5411196.8	33209.69922	331.88	0	48.853721	-86.937013	56312.59	56238.5	11.46	56324.05	56329.18750	56381.77395	56393.92969	504620.5	5411196.8
L4620.0	504620.6	5411198.5	33209.80078	333.62	0	48.853737	-86.937012	56312.31	56238.5	11.46	56323.78	56329.01563	56380.65317	56393.19531	504620.6	5411198.5
L4620.0	504620.6	5411198.5	33209.89844	333.93	0	48.853737	-86.937012	56312.44	56238.5	11.47	56323.91	56329.23828	56388.06523	56400.98438	504620.6	5411198.5
L4620.0	504620.6	5411200.1	33210.00000	332.94	0	48.853751	-86.937012	56312.64	56238.5	11.47	56324.11	56329.53125	56396.91601	56410.20703	504620.6	5411200.1
L4620.0	504620.6	5411201.4	33210.10156	334.26	0	48.853763	-86.937011	56312.18	56238.5	11.48	56323.66	56329.17188	56392.11661	56405.77344	504620.6	5411201.4
L4620.0	504620.6	5411201.4	33210.19922	332.60	0	48.853763	-86.937011	56312.21	56238.5	11.48	56323.69	56329.29297	56397.53308	56411.54688	504620.6	5411201.4
L4620.0	504620.7	5411203.5	33210.30078	331.58	0	48.853782	-86.937011	56312.21	56238.5	11.49	56323.71	56329.39844	56402.86780	56417.23047	504620.7	5411203.5
L4620.0	504620.7	5411205.2	33210.39844	332.10	0	48.853797	-86.937010	56311.72	56238.5	11.50	56323.22	56328.99219	56397.85284	56412.55859	504620.7	5411205.2
L4620.0	504620.7	5411205.2	33210.50000	331.13	0	48.853797	-86.937010	56311.37	56238.5	11.51	56322.87	56328.72266	56396.02074	56411.06250	504620.7	5411205.2
L4620.0	504620.7	5411206.4	33210.60156	331.02	0	48.853808	-86.937010	56311.47	56238.5	11.51	56322.98	56328.91406	56403.90247	56419.27344	504620.7	5411206.4
L4620.0	504620.7	5411206.4	33210.60156	331.02	0	48.853808	-86.937010	56311.34	56238.5	11.51	56322.86	56328.86719	56407.36004	56423.05078	504620.7	5411206.4
L4620.0	504620.8	5411208.1	33210.80078	331.30	0	48.853823	-86.937009	56310.80	56238.5	11.53	56322.33	56328.41406	56402.80815	56418.81250	504620.8	5411208.1
L4620.0	504620.8	5411210.1	33210.89844	330.92	0	48.853841	-86.937008	56310.27	56238.5	11.53	56321.81	56327.96484	56398.84588	56415.15625	504620.8	5411210.1
L4620.0	504620.9	5411211.5	33211.00000	330.09	0	48.853854	-86.937008	56309.98	56238.5	11.54	56321.52	56327.74219	56399.93871	56416.54688	504620.9	5411211.5
L4620.0	504620.9	5411213.7	33211.10156	332.33	0	48.853873	-86.937007	56309.66	56238.5	11.54	56321.21	56327.50000	56401.02196	56417.91797	504620.9	5411213.7
L4620.0	504620.9	5411213.7	33211.19922	333.65	0	48.853873	-86.937007	56309.17	56238.5	11.55	56320.72	56327.07422	56398.87551	56416.05469	504620.9	5411213.7

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4620.0	504621.0	5411215.4	33211.30078	332.20	0	48.853889	-86.937006	56308.56	56238.4	11.55	56320.11	56326.52734	56394.72834	56412.17969	504621.0	5411215.4
L4620.0	504621.0	5411216.7	33211.39844	332.04	0	48.853900	-86.937006	56308.11	56238.4	11.56	56319.66	56326.13672	56394.25276	56411.96875	504621.0	5411216.7
L4620.0	504621.0	5411216.7	33211.50000	330.91	0	48.853900	-86.937006	56307.84	56238.4	11.56	56319.40	56325.92969	56398.06608	56416.03906	504621.0	5411216.7
L4620.0	504621.1	5411218.4	33211.60156	332.28	0	48.853916	-86.937005	56307.24	56238.4	11.56	56318.80	56325.38672	56395.44602	56413.66797	504621.1	5411218.4
L4620.0	504621.1	5411220.2	33211.69922	328.94	0	48.853932	-86.937005	56306.16	56238.4	11.57	56317.73	56324.36719	56383.74467	56402.20703	504621.1	5411220.2
L4620.0	504621.1	5411221.7	33211.80078	331.27	0	48.853945	-86.937004	56305.81	56238.4	11.57	56317.38	56324.06250	56387.09148	56405.78516	504621.1	5411221.7
L4620.0	504621.1	5411221.7	33211.89844	333.79	0	48.853945	-86.937004	56305.09	56238.4	11.58	56316.67	56323.39844	56383.58781	56402.50781	504621.1	5411221.7
L4620.0	504621.1	5411221.7	33212.00000	332.77	0	48.853945	-86.937004	56304.29	56238.4	11.58	56315.87	56322.64453	56378.70504	56397.83984	504621.1	5411221.7
L4620.0	504621.2	5411224.9	33212.10156	335.25	0	48.853974	-86.937004	56303.64	56238.4	11.58	56315.22	56322.03125	56377.32289	56396.66406	504621.2	5411224.9
L4620.0	504621.2	5411224.9	33212.19922	332.99	0	48.853974	-86.937004	56302.74	56238.4	11.59	56314.33	56321.17969	56371.50643	56391.04688	504621.2	5411224.9
L4620.0	504621.2	5411226.7	33212.30078	332.36	0	48.853991	-86.937003	56302.28	56238.4	11.59	56313.87	56320.75391	56374.88845	56394.62109	504621.2	5411226.7
L4620.0	504621.2	5411228.5	33212.39844	332.52	0	48.854007	-86.937003	56301.23	56238.4	11.59	56312.83	56319.74609	56366.90923	56386.82031	504621.2	5411228.5
L4620.0	504621.2	5411228.5	33212.50000	331.58	0	48.854007	-86.937003	56300.19	56238.4	11.60	56311.78	56318.72656	56359.17372	56379.26172	504621.2	5411228.5
L4620.0	504621.2	5411230.4	33212.60156	332.68	0	48.854023	-86.937003	56299.30	56238.4	11.60	56310.89	56317.86328	56355.14055	56375.39063	504621.2	5411230.4
L4620.0	504621.3	5411231.9	33212.60156	332.68	0	48.854037	-86.937002	56298.59	56238.4	11.60	56310.18	56317.17578	56355.20783	56375.61328	504621.3	5411231.9
L4620.0	504621.3	5411231.9	33212.80078	331.88	0	48.854037	-86.937002	56297.54	56238.4	11.60	56309.14	56316.15625	56349.01937	56369.57422	504621.3	5411231.9
L4620.0	504621.3	5411233.6	33212.89844	330.99	0	48.854053	-86.937002	56296.48	56238.4	11.61	56308.09	56315.12500	56343.06095	56363.75391	504621.3	5411233.6
L4620.0	504621.3	5411235.7	33213.00000	331.72	0	48.854071	-86.937002	56295.65	56238.4	11.61	56307.26	56314.31250	56341.95946	56362.78125	504621.3	5411235.7
L4620.0	504621.3	5411235.7	33213.10156	331.20	0	48.854071	-86.937002	56294.60	56238.4	11.61	56306.21	56313.27344	56336.82744	56357.77344	504621.3	5411235.7
L4620.0	504621.3	5411237.2	33213.19922	330.89	0	48.854085	-86.937002	56293.53	56238.4	11.62	56305.15	56312.22266	56331.90107	56352.95703	504621.3	5411237.2
L4620.0	504621.3	5411239.0	33213.30078	331.95	0	48.854101	-86.937002	56292.36	56238.4	11.62	56303.97	56311.05078	56324.98150	56346.14453	504621.3	5411239.0
L4620.0	504621.3	5411239.0	33213.39844	332.56	0	48.854101	-86.937002	56291.56	56238.4	11.62	56303.19	56310.27344	56326.38869	56347.64844	504621.3	5411239.0
L4620.0	504621.3	5411241.4	33213.50000	332.66	0	48.854123	-86.937001	56290.21	56238.4	11.63	56301.83	56308.91797	56316.68715	56338.03125	504621.3	5411241.4
L4620.0	504621.3	5411241.4	33213.60156	334.03	0	48.854123	-86.937001	56289.38	56238.4	11.63	56301.00	56308.08594	56317.77049	56339.19531	504621.3	5411241.4
L4620.0	504621.3	5411242.9	33213.69922	335.31	0	48.854136	-86.937001	56288.12	56238.4	11.63	56299.75	56306.83203	56310.98169	56332.47656	504621.3	5411242.9
L4620.0	504621.3	5411244.5	33213.80078	323.41	0	48.854151	-86.937001	56286.82	56238.4	11.63	56298.46	56305.53516	56303.79891	56325.35547	504621.3	5411244.5
L4620.0	504621.3	5411244.5	33213.89844	322.75	0	48.854151	-86.937001	56285.92	56238.4	11.64	56297.56	56304.62500	56304.41990	56326.03125	504621.3	5411244.5
L4620.0	504621.3	5411246.0	33214.00000	335.69	0	48.854164	-86.937001	56284.90	56238.4	11.64	56296.54	56303.59375	56302.99349	56324.64844	504621.3	5411246.0
L4620.0	504621.4	5411247.8	33214.10156	334.19	0	48.854180	-86.937001	56283.57	56238.4	11.64	56295.22	56302.25781	56296.18170	56317.87500	504621.4	5411247.8
L4620.0	504621.4	5411249.3	33214.19922	333.33	0	48.854194	-86.937001	56282.38	56238.4	11.65	56294.03	56301.05078	56292.09228	56313.81641	504621.4	5411249.3
L4620.0	504621.4	5411249.3	33214.30078	317.85	0	48.854194	-86.937001	56281.30	56238.3	11.65	56292.95	56299.94922	56290.26845	56312.01172	504621.4	5411249.3
L4620.0	504621.4	5411251.0	33214.39844	320.82	0	48.854209	-86.937000	56280.16	56238.3	11.66	56291.82	56298.79688	56287.71103	56309.46875	504621.4	5411251.0
L4620.0	504621.4	5411252.5	33214.50000	333.18	0	48.854222	-86.937000	56279.01	56238.3	11.66	56290.67	56297.62109	56284.95977	56306.72266	504621.4	5411252.5
L4620.0	504621.4	5411252.5	33214.60156	320.89	0	48.854222	-86.937000	56277.68	56238.3	11.66	56289.34	56296.26172	56279.11468	56300.87500	504621.4	5411252.5
L4620.0	504621.4	5411254.3	33214.60156	320.89	0	48.854238	-86.937000	56276.76	56238.3	11.66	56288.43	56295.32031	56280.94644	56302.69531	504621.4	5411254.3
L4620.0	504621.4	5411255.7	33214.80078	321.28	0	48.854251	-86.937000	56275.58	56238.3	11.67	56287.25	56294.10547	56286.26251	56307.99219	504621.4	5411255.7
L4620.0	504621.4	5411255.7	33214.89844	336.69	0	48.854251	-86.937000	56274.26	56238.3	11.68	56285.93	56292.75000	56279.91605	56301.61719	504621.4	5411255.7
L4620.0	504621.5	5411257.7	33215.00000	336.34	0	48.854269	-86.936999	56273.09	56238.3	11.68	56284.77	56291.55078	56277.64109	56299.30859	504621.5	5411257.7
L4620.0	504621.5	5411259.3	33215.10156	323.58	0	48.854284	-86.936999	56272.12	56238.3	11.68	56283.80	56290.53906	56280.14942	56301.77734	504621.5	5411259.3
L4620.0	504621.5	5411260.7	33215.19922	322.07	0	48.854296	-86.936999	56270.88	56238.3	11.68	56282.57	56289.26563	56275.97012	56297.54688	504621.5	5411260.7
L4620.0	504621.5	5411260.7	33215.30078	324.47	0	48.854296	-86.936999	56269.57	56238.3	11.69	56281.26	56287.91016	56269.64042	56291.16016	504621.5	5411260.7
L4620.0	504621.5	5411262.4	33215.39844	336.15	0	48.854311	-86.936998	56268.46	56238.3	11.69	56280.15	56286.75000	56260.63496	56282.09375	504621.5	5411262.4
L4620.0	504621.5	5411263.8	33215.50000	336.61	0	48.854324	-86.936998	56267.54	56238.3	11.69	56279.23	56285.77734	56262.31169	56283.69922	504621.5	5411263.8
L4620.0	504621.5	5411265.2	33215.60156	323.07	0	48.854337	-86.936998	56266.36	56238.3	11.69	56278.05	56284.54297	56259.23394	56280.54297	504621.5	5411265.2
L4620.0	504621.5	5411265.2	33215.69922	323.39	0	48.854337	-86.936998	56264.99	56238.3	11.69	56276.68	56283.11719	56252.54583	56273.76953	504621.5	5411265.2
L4620.0	504621.5	5411267.2	33215.80078	332.10	0	48.854355	-86.936998	56264.11	56238.3	11.70	56275.80	56282.17969	56254.66917	56275.80469	504621.5	5411267.2
L4620.0	504621.6	5411268.8	33215.89844	321.27	0	48.854369	-86.936998	56262.81	56238.3	11.70	56274.50	56280.81641	56248.88929	56269.92578	504621.6	5411268.8
L4620.0	504621.6	5411268.8	33216.00000	319.94	0	48.854369	-86.936998	56261.52	56238.3	11.70	56273.22	56279.47656	56243.23317	56264.16406	504621.6	5411268.8
L4620.0	504621.6	5411270.3	33216.10156	320.81	0	48.854383	-86.936998	56260.53	56238.3	11.70	56272.23	56278.41797	56242.85919	56263.67969	504621.6	5411270.3
L4620.0	504621.6	5411272.1	33216.19922	319.91	0	48.854399	-86.936998	56259.64	56238.3	11.70	56271.34	56277.46094	56244.27935	56264.98438	504621.6	5411272.1
L4620.0	504621.6	5411272.1	33216.30078	332.87	0	48.854399	-86.936998	56258.54	56238.3	11.70	56270.24	56276.29297	56241.46552	56262.04688	504621.6	5411272.1
L4620.0	504621.6	5411273.8	33216.39844	334.17	0	48.854414	-86.936998	56257.21	56238.3	11.70	56268.91	56274.89063	56233.84913	56254.30078	504621.6	5411273.8
L4620.0	504621.6	5411275.6	33216.50000	333.34	0	48.854430	-86.936997	56256.52	56238.3	11.70	56268.22	56274.12500	56238.77516	56259.08984	504621.6	5411275.6
L4620.0	504621.6	5411275.6	33216.60156	331.73	0	48.854430	-86.936997	56255.28	56238.3	11.70	56266.98	56272.80859	56232.44771	56252.62109	504621.6	5411275.6
L4620.0	504621.6	5411277.3	33216.60156	331.73	0	48.854446	-86.936997	56254.12	56238.3	11.70	56265.82	56271.57422	56227.45616	56247.48438	504621.6	5411277.3
L4620.0	504621.6	5411278.8	33216.80078	335.36	0	48.854459	-86.936997	56253.23	56238.3	11.70	56264.93	56270.60156	56227.78479	56247.66016	504621.6	5411278.8
L4620.0	504621.6	5411278.8	33216.89844	335.75	0	48.854459	-86.936997	56252.39	56238.3	11.70	56264.09	56269.67969	56228.96505	56248.68359	504621.6	5411278.8
L4620.0	504621.6	5411280.8	33217.00000	333.49	0	48.854477	-86.936997	56251.34	56238.3	11.70	56263.04	56268.54688	56225.54692	56245.10156	504621.6	5411280.8
L4620.0	504621.6	5411282.8	33217.10156	334.47	0	48.854495	-86.936997	56250.18	56238.3	11.70	56261.87	56267.29297	56219.36870	56238.75781	504621.6	5411282.8
L4620.0	504621.6	5411282.8	33217.19922	336.06	0	48.854495	-86.936997	56249.40	56238.3	11.69	56261.09	56266.42578	56221.19779	56240.41406	504621.6	5411282.8
L4620.0	504621.6	5411284.7	33217.30078	334.07	0	48.854512	-86.936997	56248.54	56238.3	11.69	56260.23	56265.47656	56221.13406	56240.17188	504621.6	5411284.7
L4620.0	504621.6	5411284.7	33217.39844	336.34	0	48.854512	-86.936997	56247.62	56238.3	11.69	56259.31	56264.46484	56219.58642	56238.44141	504621.6	5411284.7
L4620.0	504621.6	5411287.7	33217.50000	336.42	0	48.854539	-86.936996	56246.72	56238.3	11.68	56258.40	56263.46094	56218.02053	56236.69141	504621.6	5411287.7
L4620.0	504621.6	5411287.7	33217.60156	321.38	0	48.854539	-86.936996	56245.70	56238.3	11.68	56257.39	56262.35938	56214.14229	56232.62109	504621.6	5411287.7
L4620.0	504621.6	5411289.5	33217.69922	320.17	0	48.854556	-86.936996	56244.89	56238.3	11.68	56256.57	56261.44531	56213.94620	56232.23047	504621.6	5411289.5
L4620.0	504621.6	5411289.5	33217.80078	336.33	0	48.854556	-86.936996	56244.37	56238.3	11.68	56256.05	56260.82813	56219.55464	56237.64063	504621.6	5411289.5
L4620.0	504621.7	5411291.2	33217.89844	335.68	0	48.854571	-86.936996	56243.20	56238.3	11.67	56254.87	56259.55078	56211.45208	56229.33594	504621.7	5411291.2
L4620.0	504621.7	5411291.2	33218.00000	333.87	0	48.854571	-86.936996	56242.54	56238.3	11.67	56254.21	56258.78906	56213.54164	56231.21875	504621.7	5411291.2
L4620.0	504621.6	5411293.7	33218.10156	330.80	0	48.854593	-86.936996	56241.68	56238.3	11.67	56253.35	56257.82813	56211.30261	56228.76953	504621.6	5411293.7
L4620.0	504621.6	5411295.0	33218.19922	331.72	0	48.854605	-86.936996	56241.08	56238.3	11.67	56252.75	56257.12891	56213.83123	56231.08594	504621.6	5411295.0
L4620.0	504621.6	5411295.0	33218.30078	330.55	0	48.854605	-86.936996	56240.34	56238.3	11.67	56252.01	56256.28516	56213.23966	56230.27734	504621.6	5411295.0
L4620.0	504621.6	5411297.0	33218.39844	329.29	0	48.854622	-86.936996	56239.66	56238.3	11.67	56251.33	56255.50000	56213.44046	56230.25781	504621.6	5411297.0
L4620.0	504621.6	5411298.7	33218.50000	320.18	0	48.854638	-86.936996	56238.97	56238.3	11.67	56250.64	56254.70313	56213.07589	56229.67188	504621.6	5411298.7
L4620.0	504621.6	5411300.1	33218.60156	320.94	0	48.854651	-86.936996	56237.99	56238.3	11.67	56249.66	56253.61719	56206.83431	56223.20703	504621.6	5411300.1
L4620.0	504621.6	5411300.1	33218.60156	320.94	0	48.854651	-86.936996	56237.54	56238.3	11.67	56249.21	56253.05859	56210.29250	56226.43750	504621.6	5411300.1
L4620.0	504621.6	5411301.9	33218.80078	329.54	0	48.854666	-86.936997	56236.57	56238.3	11.67	56248.24	56251.98047	56203.53117	56219.44531	504621.6	5411301.9
L4620.0	504621.6	5411301.9	33218.89844	328.01	0	48.854666	-86.936997	56236.15	56238.3	11.67	56247.82	56251.45313	56206.78385	56222.46484	504621.6	5411301.9
L4620.0	504621.6	5411303.6	33219.00000	319.48	0	48.854682	-86.936997	56235.45	56238.3	11.67	56247.12	56250.64453	56204.36542	56219.81250	504621.6	5411303.6
L4620.0	504621.6	5411305.1	33219.10156	319.76	0	48.854696	-86.936997	56234.81	56238.3	11.67	56246.48	56249.89063	56202.69586	56217.90625	504621.6	5411305.1
L4620.0	504621.6	5411306.5	33219.19922	329.39	0	48.854708	-86.936997	56234.38	56238.3	11.68	56246.05	56249.35156	56204.64818	56219.62109	504621.6	5411306.5
L4620.0	504621.6	5411307.8	33219.30078	331.63	0	48.854720	-86.936997	56233.68	56238.3	11.68	56245.37	56248.55859	56201.46195	56216.19531	504621.6	5411307.8
L4620.0	504621.5	5411309.4	33219.39844	331.37	0	48.854734	-86.936998	56233.24	56238.3	11.69	56244.93	56248.00781	56202.52480	56217.01953	504621.5	5411309.4
L4620.0	504621.5	5411309.4	33219.50000	333.61	0	48.854734	-86.936998	56232.64	56238.3	11.69	56244.33	56247.29297	56200.14227	56214.39453	504621.5	5411309.4
L4620.0	504621.5	5411311.1	33219.60156	333.73	0	48.854750	-86.936998	56232.28	56238.3	11.69	56243.97	56246.82031	56202.13600	56216.14453	504621.5	5411311.1
L4620.0	504621.5	5411311.1	33219.69922	318.26	0	48.854750	-86.936998	56231.84	56238.3	11.70	56243.54	56246.27734	56202.47256	56216.23438	504621.5	5411311.1
L4620.0	504621.5	5411313.1	33219.80078	319.39	0	48.854768	-86.936998	56231.41	56238.3	11.70	56243.12	56245.74219	56202.73026	56216.24609	504621.5	5411313.1
L4620.0	504621.5	5411314.8	33219.89844	335.01	0	48.854783	-86.936998	56230.75	56238.3	11.71	56242.46	56244.96484	56197.81508	56211.08594	504621.5	5411314.8
L4620.0	504621.5	5411314.8	33220.00000	334.08	0	48.854783	-86.936998	56230.36	56238.3	11.71	56242.07	56244.46094	56198.12364	56211.14844	504621.5	5411314.8
L4620.0	504621.5	5411316.8	33220.10156	333.73	0	48.854801	-86.936999	56229.94	56238.3	11.71	56241.64	56243.91797	56197.37928	56210.15625	504621.5	5411316.8
L4620.0	504621.5	5411316.8	33220.19922	334.83	0	48.854801	-86.936999	56229.60	56238.3	11.70	56241.30	56243.46094	56198.31229	56210.84375	504621.5	5411316.8
L4620.0	504621.5	5411318.5	33220.30078	332.72	0	48.854816	-86.936999	56228.93	56238.3	11.70	56240.63	56242.67578	56192.05911	56204.34375	504621.5	5411318.5
L4620.0	504621.4	5411320.4	33220.39844	334.34	0	48.854834	-86.936999	56228.73	56238.3	11.69	56240.42	56242.35156	56195.35671	56207.39453	504621.4	5411320.4
L4620.0	504621.4	5411321.8	33220.50000	334.72	0	48.854846	-86.936999	56228.38	56238.3	11.69	56240.06	56241.87500	56195.28231	56207.07031	504621.4	5411321.8

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4620.0	504621.4	5411321.8	33220.60156	334.73	0	48.854846	-86.936999	56227.87	56238.3	11.69	56239.55	56241.25000	56191.78165	56203.32422	504621.4	5411321.8
L4620.0	504621.4	5411323.9	33220.60156	334.73	0	48.854864	-86.936999	56227.55	56238.3	11.69	56239.24	56240.82422	56192.37521	56203.67188	504621.4	5411323.9
L4620.0	504621.4	5411323.9	33220.80078	332.91	0	48.854864	-86.936999	56227.26	56238.3	11.68	56238.94	56240.41016	56192.98373	56204.03516	504621.4	5411323.9
L4620.0	504621.4	5411325.8	33220.89844	333.54	0	48.854882	-86.936999	56227.16	56238.3	11.67	56238.83	56240.18359	56197.49745	56208.30469	504621.4	5411325.8
L4620.0	504621.4	5411327.6	33221.00000	334.01	0	48.854898	-86.937000	56226.64	56238.3	11.67	56238.31	56239.54688	56192.92943	56203.49219	504621.4	5411327.6
L4620.0	504621.4	5411327.6	33221.10156	334.37	0	48.854898	-86.937000	56226.48	56238.3	11.67	56238.15	56239.27344	56195.94291	56206.26172	504621.4	5411327.6
L4620.0	504621.4	5411329.3	33221.19922	334.70	0	48.854914	-86.937000	56226.25	56238.3	11.67	56237.92	56238.92969	56197.23116	56207.30859	504621.4	5411329.3
L4620.0	504621.4	5411330.8	33221.30078	336.14	0	48.854926	-86.937000	56226.08	56238.3	11.66	56237.74	56238.63672	56199.39265	56209.22656	504621.4	5411330.8
L4620.0	504621.4	5411330.8	33221.39844	336.50	0	48.854926	-86.937000	56225.46	56238.3	11.66	56237.13	56237.91406	56192.02949	56201.62500	504621.4	5411330.8
L4620.0	504621.3	5411333.5	33221.50000	333.58	0	48.854951	-86.937000	56225.44	56238.3	11.66	56237.10	56237.76953	56197.03604	56206.39453	504621.3	5411333.5
L4620.0	504621.3	5411333.5	33221.60156	334.48	0	48.854951	-86.937000	56225.41	56238.3	11.66	56237.07	56237.62891	56201.85033	56210.97266	504621.3	5411333.5
L4620.0	504621.3	5411335.2	33221.69922	334.78	0	48.854967	-86.937000	56224.96	56238.3	11.66	56236.61	56237.05469	56197.15182	56206.03906	504621.3	5411335.2
L4620.0	504621.3	5411336.5	33221.80078	333.89	0	48.854978	-86.937000	56224.77	56238.3	11.65	56236.42	56236.75391	56198.12274	56206.77734	504621.3	5411336.5
L4620.0	504621.3	5411336.5	33221.89844	333.92	0	48.854978	-86.937000	56224.53	56238.3	11.65	56236.18	56236.40234	56197.82855	56206.25391	504621.3	5411336.5
L4620.0	504621.3	5411338.4	33222.00000	332.12	0	48.854996	-86.937000	56224.62	56238.3	11.65	56236.27	56236.38281	56204.52377	56212.71875	504621.3	5411338.4
L4620.0	504621.3	5411340.2	33222.10156	334.12	0	48.855011	-86.937001	56224.25	56238.4	11.65	56235.90	56235.90234	56201.06013	56209.02734	504621.3	5411340.2
L4620.0	504621.3	5411340.2	33222.19922	334.29	0	48.855011	-86.937001	56223.88	56238.4	11.65	56235.53	56235.42578	56197.42436	56205.16797	504621.3	5411340.2
L4620.0	504621.3	5411341.6	33222.30078	335.23	0	48.855024	-86.937001	56223.70	56238.4	11.65	56235.35	56235.13672	56197.75608	56205.27734	504621.3	5411341.6
L4620.0	504621.2	5411343.0	33222.39844	334.30	0	48.855036	-86.937001	56223.84	56238.4	11.65	56235.49	56235.17188	56204.90536	56212.20703	504621.2	5411343.0
L4620.0	504621.2	5411343.0	33222.50000	334.40	0	48.855036	-86.937001	56223.47	56238.4	11.64	56235.12	56234.69531	56200.79206	56207.87500	504621.2	5411343.0
L4620.0	504621.2	5411345.0	33222.60156	334.91	0	48.855055	-86.937001	56223.60	56238.4	11.64	56235.24	56234.71094	56207.22680	56214.09766	504621.2	5411345.0
L4620.0	504621.2	5411347.0	33222.60156	334.91	0	48.855072	-86.937002	56223.50	56238.4	11.64	56235.14	56234.50391	56208.72416	56215.38281	504621.2	5411347.0
L4620.0	504621.2	5411347.0	33222.80078	321.89	0	48.855072	-86.937002	56223.24	56238.4	11.64	56234.88	56234.14063	56206.58499	56213.03516	504621.2	5411347.0
L4620.0	504621.2	5411348.7	33222.89844	319.43	0	48.855088	-86.937002	56223.06	56238.4	11.64	56234.70	56233.85938	56206.06301	56212.30859	504621.2	5411348.7
L4620.0	504621.2	5411349.9	33223.00000	337.03	0	48.855099	-86.937002	56222.96	56238.4	11.64	56234.60	56233.65625	56207.16939	56213.21094	504621.2	5411349.9
L4620.0	504621.2	5411351.2	33223.10156	336.19	0	48.855110	-86.937002	56222.98	56238.4	11.64	56234.62	56233.57813	56210.79291	56216.63281	504621.2	5411351.2
L4620.0	504621.2	5411351.2	33223.19922	336.51	0	48.855110	-86.937002	56223.00	56238.4	11.64	56234.64	56233.49609	56214.30416	56219.94922	504621.2	5411351.2
L4620.0	504621.1	5411353.0	33223.30078	335.34	0	48.855126	-86.937003	56222.77	56238.4	11.64	56234.41	56233.16797	56212.20197	56217.65234	504621.1	5411353.0
L4620.0	504621.1	5411354.4	33223.39844	336.19	0	48.855140	-86.937003	56222.46	56238.4	11.64	56234.09	56232.75000	56208.00601	56213.26563	504621.1	5411354.4
L4620.0	504621.1	5411354.4	33223.50000	334.18	0	48.855140	-86.937003	56222.64	56238.4	11.63	56234.27	56232.83594	56214.71110	56219.78125	504621.1	5411354.4
L4620.0	504621.1	5411356.4	33223.60156	336.56	0	48.855157	-86.937003	56222.51	56238.4	11.63	56234.14	56232.60938	56214.48757	56219.37500	504621.1	5411356.4
L4620.0	504621.0	5411357.9	33223.69922	335.14	0	48.855170	-86.937004	56222.18	56238.4	11.63	56233.81	56232.18750	56209.77095	56214.48047	504621.0	5411357.9
L4620.0	504621.0	5411359.6	33223.80078	322.16	0	48.855186	-86.937004	56222.18	56238.4	11.63	56233.81	56232.09375	56212.21213	56216.74219	504621.0	5411359.6
L4620.0	504621.0	5411359.6	33223.89844	320.30	0	48.855186	-86.937004	56222.34	56238.4	11.63	56233.97	56232.16016	56218.04697	56222.40234	504621.0	5411359.6
L4620.0	504621.0	5411361.1	33224.00000	339.17	0	48.855199	-86.937005	56222.36	56238.4	11.63	56233.99	56232.08984	56220.69806	56224.88281	504621.0	5411361.1
L4620.0	504620.9	5411362.3	33224.10156	336.91	0	48.855210	-86.937005	56221.90	56238.4	11.63	56233.53	56231.54297	56212.80087	56216.82031	504620.9	5411362.3
L4620.0	504620.9	5411364.2	33224.19922	335.74	0	48.855227	-86.937006	56222.10	56238.4	11.63	56233.73	56231.65234	56219.15173	56223.00781	504620.9	5411364.2
L4620.0	504620.9	5411364.2	33224.30078	336.10	0	48.855227	-86.937006	56221.76	56238.4	11.63	56233.39	56231.22656	56213.70503	56217.40234	504620.9	5411364.2
L4620.0	504620.9	5411365.9	33224.39844	333.88	0	48.855243	-86.937006	56221.59	56238.4	11.63	56233.22	56230.97266	56211.85005	56215.39453	504620.9	5411365.9
L4620.0	504620.9	5411367.6	33224.50000	334.71	0	48.855258	-86.937006	56221.61	56238.4	11.63	56233.23	56230.89453	56213.75939	56217.14844	504620.9	5411367.6
L4620.0	504620.8	5411369.1	33224.60156	333.80	0	48.855272	-86.937007	56221.57	56238.4	11.62	56233.19	56230.77344	56214.48052	56217.72266	504620.8	5411369.1
L4620.0	504620.8	5411369.1	33224.60156	333.80	0	48.855272	-86.937007	56221.45	56238.4	11.62	56233.08	56230.58203	56213.59389	56216.69141	504620.8	5411369.1
L4620.0	504620.8	5411371.1	33224.80078	329.37	0	48.855290	-86.937007	56221.32	56238.4	11.62	56232.94	56230.35938	56211.95537	56214.91406	504620.8	5411371.1
L4620.0	504620.8	5411371.1	33224.89844	324.80	0	48.855290	-86.937007	56221.35	56238.4	11.62	56232.97	56230.31250	56213.81891	56216.64063	504620.8	5411371.1
L4620.0	504620.8	5411372.9	33225.00000	323.05	0	48.855305	-86.937007	56221.30	56238.4	11.62	56232.92	56230.18359	56213.85738	56216.54297	504620.8	5411372.9
L4620.0	504620.7	5411374.7	33225.10156	332.86	0	48.855322	-86.937008	56221.16	56238.4	11.62	56232.78	56229.96484	56211.85341	56214.41016	504620.7	5411374.7
L4620.0	504620.7	5411376.2	33225.19922	331.89	0	48.855335	-86.937008	56221.05	56238.4	11.62	56232.67	56229.78125	56210.36058	56212.79297	504620.7	5411376.2
L4620.0	504620.7	5411376.2	33225.30078	333.89	0	48.855335	-86.937008	56220.79	56238.4	11.62	56232.41	56229.44531	56205.50753	56207.81641	504620.7	5411376.2
L4620.0	504620.7	5411378.2	33225.39844	333.66	0	48.855353	-86.937009	56221.06	56238.4	11.62	56232.68	56229.64063	56211.94422	56214.13672	504620.7	5411378.2
L4620.0	504620.7	5411379.6	33225.50000	332.72	0	48.855366	-86.937009	56220.92	56238.4	11.62	56232.54	56229.42969	56209.41945	56211.49609	504620.7	5411379.6
L4620.0	504620.7	5411379.6	33225.60156	329.28	0	48.855366	-86.937009	56220.92	56238.4	11.62	56232.54	56229.35938	56209.81123	56211.77734	504620.7	5411379.6
L4620.0	504620.6	5411381.2	33225.69922	332.78	0	48.855380	-86.937009	56221.01	56238.4	11.62	56232.63	56229.37891	56212.07582	56213.93359	504620.6	5411381.2
L4620.0	504620.6	5411381.2	33225.80078	332.29	0	48.855380	-86.937009	56220.82	56238.4	11.62	56232.44	56229.12109	56208.05546	56209.81250	504620.6	5411381.2
L4620.0	504620.6	5411383.1	33225.89844	336.06	0	48.855398	-86.937010	56220.69	56238.4	11.62	56232.31	56228.92188	56205.21210	56206.86719	504620.6	5411383.1
L4620.0	504620.6	5411384.7	33226.00000	335.40	0	48.855412	-86.937010	56220.77	56238.4	11.62	56232.39	56228.93750	56206.94182	56208.50000	504620.6	5411384.7
L4620.0	504620.6	5411386.1	33226.10156	335.98	0	48.855424	-86.937010	56220.75	56238.4	11.62	56232.38	56228.86328	56206.55730	56208.02344	504620.6	5411386.1
L4620.0	504620.6	5411386.1	33226.19922	337.93	0	48.855424	-86.937010	56220.69	56238.4	11.62	56232.32	56228.73828	56204.93153	56206.31250	504620.6	5411386.1
L4620.0	504620.6	5411387.6	33226.30078	339.78	0	48.855438	-86.937010	56220.66	56238.4	11.63	56232.29	56228.64453	56203.87548	56205.17188	504620.6	5411387.6
L4620.0	504620.5	5411389.5	33226.39844	339.54	0	48.855455	-86.937010	56220.64	56238.4	11.63	56232.27	56228.56641	56202.94507	56204.16016	504620.5	5411389.5
L4620.0	504620.5	5411389.5	33226.50000	342.03	0	48.855455	-86.937010	56220.86	56238.4	11.63	56232.49	56228.72656	56207.43332	56208.57031	504620.5	5411389.5
L4620.0	504620.5	5411391.0	33226.60156	339.50	0	48.855468	-86.937011	56220.72	56238.4	11.63	56232.35	56228.52734	56203.55700	56204.61719	504620.5	5411391.0
L4620.0	504620.5	5411392.5	33226.60156	339.50	0	48.855481	-86.937011	56220.64	56238.4	11.63	56232.27	56228.38672	56200.96460	56201.95703	504620.5	5411392.5
L4620.0	504620.5	5411393.8	33226.80078	338.45	0	48.855493	-86.937011	56220.54	56238.4	11.64	56232.17	56228.23047	56197.82950	56198.75391	504620.5	5411393.8
L4620.0	504620.5	5411393.8	33226.89844	337.42	0	48.855493	-86.937011	56220.54	56238.4	11.64	56232.18	56228.18359	56197.15108	56198.01172	504620.5	5411393.8
L4620.0	504620.5	5411395.5	33227.00000	334.90	0	48.855509	-86.937011	56220.64	56238.4	11.64	56232.28	56228.23047	56198.45376	56199.25391	504620.5	5411395.5
L4620.0	504620.5	5411397.3	33227.10156	322.32	0	48.855525	-86.937011	56220.65	56238.4	11.64	56232.29	56228.18750	56197.60403	56198.34766	504620.5	5411397.3
L4620.0	504620.5	5411397.3	33227.19922	323.94	0	48.855525	-86.937011	56220.79	56238.4	11.64	56232.43	56228.27344	56199.61847	56200.31250	504620.5	5411397.3
L4620.0	504620.5	5411399.4	33227.30078	332.75	0	48.855544	-86.937011	56220.89	56238.4	11.64	56232.53	56228.32031	56200.60724	56201.25000	504620.5	5411399.4
L4620.0	504620.5	5411399.4	33227.39844	332.38	0	48.855544	-86.937011	56220.72	56238.4	11.64	56232.36	56228.10156	56195.43822	56196.03516	504620.5	5411399.4
L4620.0	504620.5	5411401.2	33227.50000	332.75	0	48.855560	-86.937011	56220.90	56238.4	11.64	56232.54	56228.23047	56198.00124	56198.55469	504620.5	5411401.2
L4620.0	504620.5	5411402.8	33227.60156	335.13	0	48.855574	-86.937011	56221.05	56238.4	11.64	56232.69	56228.33203	56199.74184	56200.25781	504620.5	5411402.8
L4620.0	504620.5	5411404.0	33227.69922	334.34	0	48.855585	-86.937011	56220.89	56238.4	11.64	56232.53	56228.12500	56194.55898	56195.03906	504620.5	5411404.0
L4620.0	504620.5	5411404.0	33227.80078	333.48	0	48.855585	-86.937011	56220.98	56238.4	11.64	56232.62	56228.16797	56194.73049	56195.17969	504620.5	5411404.0
L4620.0	504620.5	5411405.9	33227.89844	333.12	0	48.855602	-86.937011	56221.40	56238.4	11.64	56233.04	56228.53906	56201.83382	56202.25391	504620.5	5411405.9
L4620.0	504620.5	5411407.3	33228.00000	333.12	0	48.855615	-86.937011	56221.25	56238.4	11.64	56232.89	56228.34375	56196.51589	56196.91016	504620.5	5411407.3
L4620.0	504620.5	5411408.7	33228.10156	331.76	0	48.855627	-86.937011	56221.21	56238.4	11.64	56232.85	56228.26172	56193.43060	56193.80078	504620.5	5411408.7
L4620.0	504620.5	5411408.7	33228.19922	331.62	0	48.855627	-86.937011	56221.50	56238.4	11.64	56233.14	56228.50781	56197.16641	56197.51953	504620.5	5411408.7
L4620.0	504620.5	5411410.1	33228.30078	329.88	0	48.855640	-86.937011	56221.92	56238.4	11.64	56233.56	56228.88281	56203.42033	56203.75781	504620.5	5411410.1
L4620.0	504620.5	5411411.9	33228.39844	329.26	0	48.855657	-86.937011	56221.64	56238.4	11.64	56233.28	56228.56250	56194.79789	56195.12500	504620.5	5411411.9
L4620.0	504620.5	5411411.9	33228.50000	329.53	0	48.855657	-86.937011	56221.88	56238.4	11.64	56233.52	56228.75781	56196.90102	56197.21875	504620.5	5411411.9
L4620.0	504620.5	5411413.4	33228.60156	332.08	0	48.855670	-86.937011	56222.25	56238.4	11.63	56233.89	56229.08984	56201.52652	56201.83594	504620.5	5411413.4
L4620.0	504620.5	5411413.4	33228.60156	332.08	0	48.855670	-86.937011	56222.25	56238.4	11.63	56233.89	56229.04688	56198.23776	56198.54688	504620.5	5411413.4
L4620.0	504620.5	5411415.2	33228.80078	333.70	0	48.855686	-86.937011	56222.32	56238.4	11.63	56233.95	56229.06641	56196.01214	56196.32422	504620.5	5411415.2
L4620.0	504620.5	5411417.1	33228.89844	335.55	0	48.855703	-86.937011	56222.64	56238.4	11.63	56234.27	56229.34766	56199.04206	56199.35547	504620.5	5411417.1
L4620.0	504620.5	5411417.1	33229.00000	334.08	0	48.855703	-86.937011	56222.76	56238.4	11.63	56234.39	56229.42969	56197.70257	56198.02344	504620.5	5411417.1
L4620.0	504620.5	5411418.7	33229.10156	331.75	0	48.855717	-86.937011	56222.91	56238.4	11.63	56234.55	56229.55078	56197.02272	56197.35547	504620.5	5411418.7
L4620.0	504620.5	5411420.3	33229.19922	332.12	0	48.855732	-86.937011	56223.22	56238.4	11.63	56234.85	56229.81250	56199.13647	56199.48438	504620.5	5411420.3
L4620.0	504620.5	5411421.6	33229.30078	331.12	0	48.855744	-86.937011	56223.43	56238.4	11.64	56235.07	56229.99609	56199.40093	56199.76563	504620.5	5411421.6
L4620.0	504620.5	5411421.6	33229.39844	331.93	0	48.855744	-86.937011	56223.81	56238.4	11.64	56235.44	56230.33203	56202.72391	56203.10938	504620.5	5411421.6
L4620.0	504620.4	5411422.7	33229.50000	333.69	0	48.855754	-86.937011	56223.90	56238.4	11.64	56235.54	56230.39453	56200.11254	56200.51953	504620.4	5411422.7
L4620.0	504620.4	5411424.3	33229.60156	335.07	0	48.855768	-86.937011	56224.27	56238.4	11.64	56235.92	56230.73828	56203.38490	56203.82031	504620.4	5411424.3
L4620.0	504620.4	5411425.8	33229.69922	334.15	0	48.855781	-86.937011	56224.31	56238.4	11.64	56235.96	56230.74219	56199.15053	56199.61719	504620.4	5411425.8
L4620.0	504620.4	5411425.8	33229.80078	334.46	0	48.855781	-86.937011	56224.61	56238.4	11.65	56236.25	56230.99609	56200.19844	56200.69922	504620.4	5411425.8

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4620.0	504620.4	5411427.6	33229.89844	336.62	0	48.855798	-86.937011	56225.18	56238.4	11.65	56236.82	56231.53125	56207.26069	56207.79688	504620.4	5411427.6
L4620.0	504620.4	5411428.9	33230.00000	336.25	0	48.855810	-86.937011	56225.52	56238.3	11.65	56237.17	56231.84766	56209.40034	56209.97656	504620.4	5411428.9
L4620.0	504620.4	5411428.9	33230.10156	336.38	0	48.855810	-86.937011	56225.57	56238.3	11.65	56237.22	56231.86328	56204.80287	56205.42188	504620.4	5411428.9
L4620.0	504620.4	5411430.8	33230.19922	337.52	0	48.855827	-86.937011	56226.33	56238.3	11.65	56237.98	56232.58984	56215.75676	56216.42188	504620.4	5411430.8
L4620.0	504620.4	5411431.8	33230.30078	337.16	0	48.855835	-86.937011	56225.98	56238.3	11.65	56237.64	56232.21484	56202.26847	56202.98438	504620.4	5411431.8
L4620.0	504620.4	5411431.8	33230.39844	337.52	0	48.855835	-86.937011	56226.48	56238.3	11.65	56238.13	56232.67188	56207.02559	56207.79297	504620.4	5411431.8
L4620.0	504620.5	5411433.3	33230.50000	336.71	0	48.855849	-86.937011	56226.91	56238.3	11.65	56238.57	56233.07813	56210.56356	56211.38672	504620.5	5411433.3
L4620.0	504620.5	5411433.3	33230.60156	335.63	0	48.855849	-86.937011	56227.34	56238.3	11.66	56238.99	56233.46484	56213.54186	56214.42188	504620.5	5411433.3
L4620.0	504620.5	5411434.9	33230.60156	335.63	0	48.855863	-86.937011	56227.70	56238.3	11.66	56239.36	56233.80078	56215.29620	56216.24219	504620.5	5411434.9
L4620.0	504620.5	5411436.4	33230.80078	335.82	0	48.855877	-86.937011	56227.99	56238.3	11.66	56239.65	56234.05859	56215.17453	56216.18750	504620.5	5411436.4
L4620.0	504620.5	5411436.4	33230.89844	333.93	0	48.855877	-86.937011	56228.56	56238.3	11.66	56240.21	56234.58594	56220.85972	56221.94141	504620.5	5411436.4
L4620.0	504620.5	5411437.7	33231.00000	332.74	0	48.855889	-86.937011	56228.56	56238.3	11.66	56240.22	56234.56250	56214.40269	56215.55469	504620.5	5411437.7
L4620.0	504620.5	5411439.2	33231.10156	332.44	0	48.855902	-86.937011	56229.21	56238.3	11.66	56240.88	56235.19141	56221.99926	56223.22656	504620.5	5411439.2
L4620.0	504620.5	5411440.4	33231.19922	333.77	0	48.855913	-86.937010	56229.36	56238.3	11.66	56241.02	56235.29688	56218.20414	56219.51172	504620.5	5411440.4
L4620.0	504620.5	5411440.4	33231.30078	335.80	0	48.855913	-86.937010	56229.57	56238.3	11.67	56241.24	56235.48438	56216.07079	56217.46094	504620.5	5411440.4
L4620.0	504620.5	5411442.2	33231.39844	336.58	0	48.855929	-86.937010	56230.06	56238.3	11.67	56241.72	56235.92969	56219.40319	56220.87891	504620.5	5411442.2
L4620.0	504620.5	5411442.2	33231.50000	332.94	0	48.855929	-86.937010	56230.47	56238.3	11.67	56242.14	56236.31641	56221.33089	56222.89844	504620.5	5411442.2
L4620.0	504620.5	5411443.6	33231.60156	330.55	0	48.855941	-86.937010	56230.63	56238.3	11.67	56242.30	56236.44531	56217.68049	56219.33984	504620.5	5411443.6
L4620.0	504620.5	5411444.4	33231.69922	330.37	0	48.855949	-86.937010	56231.14	56238.3	11.67	56242.81	56236.92188	56221.29034	56223.04688	504620.5	5411444.4
L4620.0	504620.6	5411445.9	33231.80078	330.37	0	48.855962	-86.937009	56231.74	56238.3	11.68	56243.42	56237.49609	56226.84198	56228.69922	504620.6	5411445.9
L4620.0	504620.6	5411445.9	33231.89844	330.53	0	48.855962	-86.937009	56231.95	56238.3	11.68	56243.62	56237.66406	56223.78655	56225.74609	504620.6	5411445.9
L4620.0	504620.6	5411446.9	33232.00000	332.90	0	48.855972	-86.937009	56232.58	56238.3	11.68	56244.26	56238.26953	56229.71313	56231.78125	504620.6	5411446.9
L4620.0	504620.6	5411448.1	33232.10156	332.97	0	48.855982	-86.937009	56232.88	56238.3	11.68	56244.55	56238.52344	56228.35615	56230.53516	504620.6	5411448.1
L4620.0	504620.6	5411448.1	33232.19922	332.06	0	48.855982	-86.937009	56233.24	56238.3	11.68	56244.92	56238.85938	56228.56696	56230.85938	504620.6	5411448.1
L4620.0	504620.6	5411449.2	33232.30078	330.94	0	48.855992	-86.937008	56233.79	56238.3	11.68	56245.46	56239.36719	56232.15662	56234.56641	504620.6	5411449.2
L4620.0	504620.7	5411450.3	33232.39844	329.28	0	48.856002	-86.937008	56233.99	56238.3	11.68	56245.66	56239.53125	56228.78557	56231.31641	504620.7	5411450.3
L4620.0	504620.7	5411451.2	33232.50000	329.67	0	48.856010	-86.937008	56234.57	56238.3	11.68	56246.25	56240.08594	56233.24302	56235.90234	504620.7	5411451.2
L4620.0	504620.7	5411452.3	33232.60156	330.97	0	48.856020	-86.937007	56235.01	56238.3	11.67	56246.68	56240.48047	56234.40715	56237.19531	504620.7	5411452.3
L4620.0	504620.7	5411452.3	33232.60156	330.97	0	48.856020	-86.937007	56235.29	56238.3	11.67	56246.96	56240.72656	56232.49979	56235.41797	504620.7	5411452.3
L4620.0	504620.7	5411453.5	33232.80078	333.84	0	48.856030	-86.937007	56235.78	56238.3	11.67	56247.45	56241.17969	56234.77673	56237.83203	504620.7	5411453.5
L4620.0	504620.7	5411453.5	33232.89844	333.36	0	48.856030	-86.937007	56236.46	56238.3	11.67	56248.14	56241.83203	56241.04568	56244.24219	504620.7	5411453.5
L4620.0	504620.8	5411454.6	33233.00000	333.02	0	48.856040	-86.937006	56236.54	56238.3	11.67	56248.21	56241.86719	56234.78319	56238.12109	504620.8	5411454.6
L4620.0	504620.8	5411455.8	33233.10156	329.84	0	48.856051	-86.937006	56237.13	56238.3	11.67	56248.80	56242.41797	56238.98552	56242.47266	504620.8	5411455.8
L4620.0	504620.8	5411455.8	33233.19922	329.81	0	48.856051	-86.937006	56237.69	56238.3	11.67	56249.36	56242.94141	56242.57916	56246.21875	504620.8	5411455.8
L4620.0	504620.8	5411457.0	33233.30078	329.13	0	48.856062	-86.937006	56237.92	56238.3	11.67	56249.59	56243.13281	56239.45600	56243.25000	504620.8	5411457.0
L4620.0	504620.8	5411458.0	33233.39844	330.39	0	48.856071	-86.937006	56238.40	56238.3	11.67	56250.07	56243.57813	56241.41364	56245.36719	504620.8	5411458.0
L4620.0	504620.8	5411458.0	33233.50000	329.22	0	48.856071	-86.937006	56239.02	56238.3	11.67	56250.69	56244.15625	56246.26628	56250.37891	504620.8	5411458.0
L4620.0	504620.8	5411459.0	33233.60156	331.04	0	48.856080	-86.937006	56239.18	56238.3	11.67	56250.85	56244.27734	56241.65526	56245.93750	504620.8	5411459.0
L4620.0	504620.8	5411459.0	33233.69922	333.85	0	48.856080	-86.937006	56239.70	56238.3	11.67	56251.37	56244.75781	56244.49018	56248.94141	504620.8	5411459.0
L4620.0	504620.8	5411460.0	33233.80078	333.87	0	48.856089	-86.937006	56240.09	56238.3	11.67	56251.76	56245.10938	56244.65164	56249.27734	504620.8	5411460.0
L4620.0	504620.8	5411461.1	33233.89844	332.32	0	48.856099	-86.937006	56240.58	56238.3	11.67	56252.25	56245.55859	56246.93666	56251.73828	504620.8	5411461.1
L4620.0	504620.8	5411462.1	33234.00000	331.96	0	48.856108	-86.937005	56241.11	56238.3	11.67	56252.78	56246.05078	56250.11584	56255.10156	504620.8	5411462.1
L4620.0	504620.8	5411462.1	33234.10156	333.28	0	48.856108	-86.937005	56241.41	56238.3	11.67	56253.08	56246.30859	56248.47510	56253.64453	504620.8	5411462.1
L4620.0	504620.8	5411463.2	33234.19922	332.74	0	48.856118	-86.937005	56242.14	56238.3	11.68	56253.81	56246.99609	56256.02571	56261.38672	504620.8	5411463.2
L4620.0	504620.8	5411463.2	33234.30078	333.86	0	48.856118	-86.937005	56242.44	56238.3	11.68	56254.12	56247.26563	56254.68780	56260.24219	504620.8	5411463.2
L4620.0	504620.8	5411464.0	33234.39844	336.04	0	48.856125	-86.937005	56242.82	56238.3	11.68	56254.50	56247.60156	56254.88931	56260.64063	504620.8	5411464.0
L4620.0	504620.9	5411465.2	33234.50000	337.86	0	48.856136	-86.937005	56243.00	56238.3	11.68	56254.68	56247.73828	56250.82445	56256.77734	504620.9	5411465.2
L4620.0	504620.9	5411465.2	33234.60156	337.07	0	48.856136	-86.937005	56243.40	56238.3	11.69	56255.09	56248.10547	56251.77010	56257.92578	504620.9	5411465.2
L4620.0	504620.9	5411466.2	33234.60156	337.07	0	48.856145	-86.937005	56243.84	56238.3	11.69	56255.53	56248.50391	56253.43480	56259.80078	504620.9	5411466.2
L4620.0	504620.9	5411466.2	33234.80078	334.76	0	48.856145	-86.937005	56244.16	56238.3	11.69	56255.85	56248.77734	56252.56044	56259.13672	504620.9	5411466.2
L4620.0	504620.9	5411467.2	33234.89844	336.16	0	48.856154	-86.937005	56244.68	56238.3	11.70	56256.38	56249.26563	56256.33475	56263.12891	504620.9	5411467.2
L4620.0	504620.9	5411468.0	33235.00000	336.71	0	48.856161	-86.937005	56245.04	56238.3	11.70	56256.74	56249.57813	56256.47993	56263.49219	504620.9	5411468.0
L4620.0	504620.9	5411468.0	33235.10156	336.78	0	48.856161	-86.937005	56245.52	56238.3	11.70	56257.22	56250.01563	56259.32725	56266.56250	504620.9	5411468.0
L4620.0	504620.9	5411469.1	33235.19922	333.84	0	48.856171	-86.937005	56245.75	56238.3	11.70	56257.46	56250.20703	56257.00510	56264.46875	504620.9	5411469.1
L4620.0	504620.9	5411469.7	33235.30078	335.08	0	48.856176	-86.937005	56246.29	56238.3	11.71	56257.99	56250.69141	56261.11393	56268.80859	504620.9	5411469.7
L4620.0	504620.9	5411470.4	33235.39844	334.51	0	48.856183	-86.937005	56246.44	56238.3	11.71	56258.15	56250.80469	56257.20863	56265.13672	504620.9	5411470.4
L4620.0	504620.9	5411470.4	33235.50000	335.05	0	48.856183	-86.937005	56246.68	56238.3	11.71	56258.39	56250.99609	56255.14578	56263.31250	504620.9	5411470.4
L4620.0	504620.9	5411471.3	33235.60156	335.58	0	48.856191	-86.937005	56247.11	56238.3	11.71	56258.82	56251.37891	56257.33207	56265.73828	504620.9	5411471.3
L4620.0	504620.9	5411471.3	33235.69922	334.93	0	48.856191	-86.937005	56247.37	56238.3	11.71	56259.08	56251.59375	56255.89569	56264.54688	504620.9	5411471.3
L4620.0	504620.9	5411472.1	33235.80078	332.10	0	48.856198	-86.937005	56247.66	56238.3	11.72	56259.38	56251.84375	56255.43113	56264.33203	504620.9	5411472.1
L4620.0	504620.9	5411472.7	33235.89844	333.35	0	48.856203	-86.937005	56248.00	56238.3	11.72	56259.72	56252.13281	56255.93657	56265.08984	504620.9	5411472.7
L4620.0	504620.9	5411472.7	33236.00000	334.92	0	48.856203	-86.937005	56248.38	56238.3	11.72	56260.10	56252.46484	56257.40932	56266.81641	504620.9	5411472.7
L4620.0	504620.9	5411473.4	33236.10156	334.66	0	48.856210	-86.937005	56249.02	56238.3	11.73	56260.75	56253.06641	56264.84389	56274.50781	504620.9	5411473.4
L4620.0	504620.9	5411474.0	33236.19922	333.58	0	48.856215	-86.937005	56249.22	56238.3	11.73	56260.96	56253.22656	56262.81152	56272.73828	504620.9	5411474.0
L4620.0	504620.9	5411474.6	33236.30078	335.72	0	48.856221	-86.937005	56249.66	56238.3	11.74	56261.40	56253.61328	56265.87070	56276.06250	504620.9	5411474.6
L4620.0	504620.9	5411474.6	33236.39844	336.01	0	48.856221	-86.937005	56250.24	56238.3	11.74	56261.98	56254.14453	56272.05778	56282.51953	504620.9	5411474.6
L4620.0	504620.9	5411475.3	33236.50000	334.01	0	48.856227	-86.937005	56250.40	56238.3	11.75	56262.15	56254.26172	56269.46235	56280.19141	504620.9	5411475.3
L4620.0	504620.9	5411475.7	33236.60156	334.80	0	48.856231	-86.937005	56250.68	56238.2	11.76	56262.44	56254.50000	56269.56809	56280.57422	504620.9	5411475.7
L4620.0	504620.9	5411476.4	33236.60156	334.80	0	48.856236	-86.937005	56250.95	56238.2	11.76	56262.71	56254.71875	56269.34267	56280.62500	504620.9	5411476.4
L4620.0	504620.9	5411477.1	33236.80078	333.49	0	48.856243	-86.937005	56251.42	56238.2	11.77	56263.19	56255.14453	56273.75881	56285.32031	504620.9	5411477.1
L4620.0	504620.9	5411477.1	33236.89844	334.73	0	48.856243	-86.937005	56251.34	56238.2	11.77	56263.12	56255.02344	56266.38409	56278.23047	504620.9	5411477.1
L4620.0	504620.9	5411477.5	33237.00000	334.26	0	48.856246	-86.937005	56251.83	56238.2	11.78	56263.61	56255.45703	56271.21873	56283.34766	504620.9	5411477.5
L4620.0	504620.9	5411477.9	33237.10156	333.90	0	48.856250	-86.937005	56252.27	56238.2	11.78	56264.05	56255.84375	56275.07718	56287.49609	504620.9	5411477.9
L4620.0	504620.9	5411477.9	33237.19922	335.12	0	48.856250	-86.937005	56252.34	56238.2	11.78	56264.12	56255.85938	56271.02213	56283.73047	504620.9	5411477.9
L4620.0	504620.9	5411478.6	33237.30078	332.39	0	48.856257	-86.937005	56252.79	56238.2	11.79	56264.58	56256.26563	56275.52259	56288.52344	504620.9	5411478.6
L4620.0	504620.9	5411479.1	33237.39844	333.51	0	48.856261	-86.937004	56252.93	56238.2	11.79	56264.72	56256.35156	56273.17144	56286.46875	504620.9	5411479.1
L4620.0	504620.9	5411479.1	33237.50000	333.36	0	48.856261	-86.937004	56253.54	56238.2	11.79	56265.33	56256.90625	56281.15698	56294.75391	504620.9	5411479.1
L4620.0	504620.9	5411479.6	33237.60156	334.40	0	48.856265	-86.937004	56253.58	56238.2	11.79	56265.37	56256.89063	56276.80615	56290.70313	504620.9	5411479.6
L4620.0	504620.9	5411480.2	33237.69922	335.15	0	48.856271	-86.937004	56254.00	56238.2	11.79	56265.79	56257.25781	56280.85439	56295.05078	504620.9	5411480.2
L4620.0	504620.9	5411480.2	33237.80078	333.97	0	48.856271	-86.937004	56254.07	56238.2	11.80	56265.87	56257.28125	56277.53383	56292.03516	504620.9	5411480.2
L4620.0	504621.0	5411480.6	33237.89844	332.96	0	48.856274	-86.937004	56254.51	56238.2	11.80	56266.31	56257.66406	56282.21404	56297.02344	504621.0	5411480.6
L4620.0	504621.0	5411481.1	33238.00000	331.55	0	48.856278	-86.937003	56254.38	56238.2	11.80	56266.18	56257.48047	56274.40216	56289.51953	504621.0	5411481.1
L4620.0	504621.0	5411481.1	33238.10156	333.40	0	48.856278	-86.937003	56254.54	56238.2	11.80	56266.34	56257.58203	56273.05344	56288.48047	504621.0	5411481.1
L4620.0	504621.0	5411481.4	33238.19922	334.68	0	48.856282	-86.937003	56255.02	56238.2	11.80	56266.82	56258.00781	56278.87411	56294.60938	504621.0	5411481.4
L4620.0	504621.0	5411481.9	33238.30078	336.02	0	48.856286	-86.937003	56255.18	56238.2	11.81	56266.99	56258.12109	56277.89640	56293.94531	504621.0	5411481.9
L4620.0	504621.0	5411482.1	33238.39844	336.72	0	48.856288	-86.937002	56255.35	56238.2	11.81	56267.16	56258.23438	56276.98339	56293.34766	504621.0	5411482.1
L4620.0	504621.0	5411482.1	33238.50000	336.63	0	48.856288	-86.937002	56255.40	56238.2	11.81	56267.21	56258.22656	56273.46163	56290.14063	504621.0	5411482.1
L4620.0	504621.0	5411482.4	33238.60156	337.35	0	48.856291	-86.937002	56255.66	56238.2	11.81	56267.47	56258.42969	56274.67632	56291.67188	504621.0	5411482.4
L4620.0	504621.1	5411482.8	33238.60156	337.35	0	48.856294	-86.937002	56255.88	56238.2	11.81	56267.69	56258.58984	56275.05989	56292.37109	504621.1	5411482.8
L4620.0	504621.1	5411482.8	33238.80078	336.14	0	48.856294	-86.937002	56255.69	56238.2	11.82	56267.50	56258.34375	56266.38619	56284.01563	504621.1	5411482.8
L4620.0	504621.1	5411483.1	33238.89844	336.81	0	48.856297	-86.937002	56255.98	56238.2	11.82	56267.80	56258.58594	56268.66965	56286.62109	504621.1	5411483.1
L4620.0	504621.0	5411483.3	33239.00000	335.24	0	48.856299	-86.937002	56256.17	56238.2	11.82	56267.99	56258.71875	56268.56445	56286.83594	504621.0	5411483.3
L4620.0	504621.0	5411483.5	33239.10156	336.31	0	48.856300	-86.937002	56256.12	56238.2	11.82	56267.94	56258.61328	56263.22338	56281.81641	504621.0	5411483.5

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4620.0	504621.0	5411483.5	33239.19922	333.07	0	48.856300	-86.937002	56256.46	56238.2	11.82	56268.29	56258.90234	56266.75626	56285.66797	504621.0	5411483.5
L4620.0	504621.0	5411483.7	33239.30078	331.97	0	48.856302	-86.937003	56256.40	56238.2	11.83	56268.22	56258.77734	56261.13216	56280.36719	504621.0	5411483.7
L4620.0	504621.0	5411483.7	33239.39844	331.60	0	48.856302	-86.937003	56256.68	56238.2	11.83	56268.51	56259.00781	56263.43433	56282.98828	504621.0	5411483.7
L4620.0	504621.0	5411483.9	33239.50000	334.26	0	48.856304	-86.937003	56256.68	56238.2	11.83	56268.51	56258.94922	56259.48712	56279.36328	504621.0	5411483.9
L4630.0	504629.1	5407844.7	3618.00000	247.83	130	48.823566	-86.936934	56137.16	56265.9	-15.88	56121.28	56122.99609	56136.04919	56130.80859	504629.1	5407844.7
L4630.0	504629.1	5407844.7	3618.10010	249.14	88.27	48.823566	-86.936934	56136.46	56265.9	-15.88	56120.58	56122.28906	56135.80692	56130.62500	504629.1	5407844.7
L4630.0	504629.1	5407844.9	3618.19995	251.66	88.27	48.823568	-86.936934	56136.71	56265.9	-15.89	56120.82	56122.51953	56135.50561	56130.38672	504629.1	5407844.9
L4630.0	504629.1	5407844.9	3618.30005	251.31	88.28	48.823568	-86.936934	56136.93	56265.9	-15.89	56121.04	56122.73047	56135.20922	56130.15234	504629.1	5407844.9
L4630.0	504629.1	5407845.1	3618.39990	251.38	88.31	48.823570	-86.936934	56137.24	56265.9	-15.89	56121.35	56123.03516	56134.91036	56129.91406	504629.1	5407845.1
L4630.0	504629.1	5407845.1	3618.50000	253.99	88.31	48.823570	-86.936934	56137.65	56265.9	-15.90	56121.75	56123.42578	56134.60900	56129.67188	504629.1	5407845.1
L4630.0	504629.1	5407845.2	3618.60010	258.15	88.33	48.823571	-86.936934	56136.63	56265.9	-15.90	56120.74	56122.41016	56134.40507	56129.53125	504629.1	5407845.2
L4630.0	504629.1	5407845.4	3618.69995	258.71	88.33	48.823573	-86.936934	56138.08	56265.9	-15.90	56122.18	56123.84375	56134.04117	56129.22656	504629.1	5407845.4
L4630.0	504629.1	5407845.6	3618.80005	260.42	88.36	48.823575	-86.936934	56136.43	56265.9	-15.90	56120.52	56122.17578	56133.88723	56129.13281	504629.1	5407845.6
L4630.0	504629.1	5407845.8	3618.89990	257.24	88.36	48.823577	-86.936934	56137.42	56265.9	-15.91	56121.51	56123.15625	56133.55984	56128.86719	504629.1	5407845.8
L4630.0	504629.1	5407845.8	3619.00000	252.10	88.46	48.823577	-86.936934	56137.21	56265.9	-15.91	56121.30	56122.94141	56133.31558	56128.68359	504629.1	5407845.8
L4630.0	504629.1	5407846.1	3619.10010	247.01	88.54	48.823579	-86.936933	56137.39	56265.9	-15.91	56121.48	56123.11328	56133.04836	56128.47656	504629.1	5407846.1
L4630.0	504629.1	5407846.3	3619.19995	245.49	88.54	48.823581	-86.936933	56137.67	56265.9	-15.91	56121.76	56123.38672	56132.77744	56128.26563	504629.1	5407846.3
L4630.0	504629.1	5407846.5	3619.19995	245.49	88.54	48.823583	-86.936933	56138.38	56265.9	-15.91	56122.46	56124.07813	56132.48137	56128.02734	504629.1	5407846.5
L4630.0	504629.1	5407846.5	3619.39990	239.26	88.54	48.823583	-86.936933	56138.33	56265.9	-15.91	56122.42	56124.03125	56132.23739	56127.84375	504629.1	5407846.5
L4630.0	504629.1	5407846.7	3619.39990	239.26	88.54	48.823585	-86.936933	56137.42	56265.9	-15.91	56121.51	56123.11719	56132.05406	56127.72266	504629.1	5407846.7
L4630.0	504629.1	5407847.0	3619.60010	242.36	88.54	48.823587	-86.936933	56137.19	56265.9	-15.91	56121.28	56122.87891	56131.82795	56127.55469	504629.1	5407847.0
L4630.0	504629.2	5407847.3	3619.69995	242.12	88.91	48.823590	-86.936933	56137.69	56265.9	-15.91	56121.78	56123.37500	56131.55563	56127.33984	504629.2	5407847.3
L4630.0	504629.2	5407847.6	3619.69995	242.12	88.91	48.823592	-86.936933	56136.84	56265.9	-15.91	56120.93	56122.51953	56131.37564	56127.21875	504629.2	5407847.6
L4630.0	504629.2	5407847.6	3619.80005	244.45	88.55	48.823592	-86.936933	56136.86	56265.9	-15.91	56120.95	56122.53125	56131.13989	56127.04297	504629.2	5407847.6
L4630.0	504629.2	5407847.9	3619.89990	246.97	88.54	48.823595	-86.936933	56136.78	56265.9	-15.91	56120.87	56122.44531	56130.91294	56126.87500	504629.2	5407847.9
L4630.0	504629.2	5407848.2	3620.00000	249.00	88.49	48.823598	-86.936933	56136.98	56265.9	-15.91	56121.07	56122.64063	56130.66933	56126.69141	504629.2	5407848.2
L4630.0	504629.2	5407848.7	3620.19995	252.74	88.49	48.823602	-86.936932	56137.09	56265.9	-15.91	56121.17	56122.73828	56130.43431	56126.51172	504629.2	5407848.7
L4630.0	504629.2	5407848.7	3620.19995	256.45	88.46	48.823602	-86.936932	56136.78	56265.9	-15.91	56120.87	56122.43359	56130.22777	56126.36328	504629.2	5407848.7
L4630.0	504629.2	5407849.2	3620.39990	258.89	88.46	48.823606	-86.936932	56137.06	56265.9	-15.92	56121.14	56122.69922	56129.98493	56126.17969	504629.2	5407849.2
L4630.0	504629.2	5407849.2	3620.50000	257.30	88.41	48.823606	-86.936932	56137.62	56265.9	-15.92	56121.70	56123.25391	56129.72437	56125.97656	504629.2	5407849.2
L4630.0	504629.2	5407849.6	3620.60010	254.39	88.41	48.823610	-86.936932	56137.02	56265.9	-15.92	56121.09	56122.64063	56129.54331	56125.85156	504629.2	5407849.6
L4630.0	504629.3	5407850.0	3620.69995	250.61	88.71	48.823614	-86.936931	56137.06	56265.9	-15.92	56121.14	56122.68750	56129.31966	56125.68359	504629.3	5407850.0
L4630.0	504629.3	5407850.5	3620.80005	246.33	88.71	48.823618	-86.936931	56137.02	56265.9	-15.93	56121.09	56122.63281	56129.10398	56125.52344	504629.3	5407850.5
L4630.0	504629.4	5407851.0	3620.89990	242.41	88.86	48.823623	-86.936930	56137.14	56265.9	-15.93	56121.21	56122.75000	56128.87819	56125.35547	504629.4	5407851.0
L4630.0	504629.4	5407851.0	3621.00000	243.63	88.89	48.823623	-86.936930	56137.90	56265.9	-15.93	56121.97	56123.50781	56128.61086	56125.14063	504629.4	5407851.0
L4630.0	504629.4	5407851.5	3621.10010	247.33	88.89	48.823628	-86.936929	56136.88	56265.9	-15.93	56120.95	56122.48438	56128.46323	56125.05078	504629.4	5407851.5
L4630.0	504629.4	5407852.1	3621.19995	248.60	88.89	48.823633	-86.936929	56137.14	56265.9	-15.94	56121.20	56122.73438	56128.23189	56124.87109	504629.4	5407852.1
L4630.0	504629.5	5407852.6	3621.30005	247.99	88.89	48.823637	-86.936929	56137.06	56265.9	-15.94	56121.12	56122.65234	56128.02342	56124.71875	504629.5	5407852.6
L4630.0	504629.5	5407852.6	3621.39990	247.75	88.95	48.823637	-86.936929	56136.73	56266	-15.95	56120.78	56122.31250	56127.83308	56124.58203	504629.5	5407852.6
L4630.0	504629.5	5407853.1	3621.50000	246.15	88.95	48.823642	-86.936928	56136.81	56266	-15.96	56120.85	56122.37891	56127.61611	56124.41797	504629.5	5407853.1
L4630.0	504629.5	5407853.7	3621.60010	247.00	89.02	48.823647	-86.936928	56136.56	56266	-15.96	56120.60	56122.12891	56127.42113	56124.27734	504629.5	5407853.7
L4630.0	504629.5	5407853.7	3621.69995	248.08	89.19	48.823647	-86.936928	56136.61	56266	-15.97	56120.64	56122.17188	56127.20738	56124.11719	504629.5	5407853.7
L4630.0	504629.5	5407854.2	3621.69995	248.08	89.19	48.823652	-86.936928	56137.32	56266	-15.97	56121.35	56122.87891	56126.94947	56123.91016	504629.5	5407854.2
L4630.0	504629.5	5407854.8	3621.80005	250.25	89.41	48.823657	-86.936928	56136.40	56266	-15.97	56120.43	56121.96094	56126.80066	56123.81250	504629.5	5407854.8
L4630.0	504629.5	5407855.4	3622.00000	247.74	89.41	48.823663	-86.936928	56136.45	56266	-15.98	56120.47	56122.00391	56126.58824	56123.65234	504629.5	5407855.4
L4630.0	504629.5	5407855.4	3622.10010	244.57	89.45	48.823663	-86.936928	56136.16	56266	-15.98	56120.18	56121.71484	56126.39814	56123.51172	504629.5	5407855.4
L4630.0	504629.5	5407856.0	3622.19995	244.86	89.45	48.823668	-86.936929	56137.19	56266	-15.98	56121.21	56122.74609	56126.12031	56123.28516	504629.5	5407856.0
L4630.0	504629.4	5407856.6	3622.30005	242.98	89.45	48.823674	-86.936929	56135.67	56266	-15.98	56119.68	56121.21875	56126.01336	56123.23047	504629.4	5407856.6
L4630.0	504629.4	5407857.2	3622.39990	241.66	89.45	48.823679	-86.936929	56136.03	56266	-15.98	56120.05	56121.59375	56125.77991	56123.04688	504629.4	5407857.2
L4630.0	504629.4	5407857.8	3622.50000	244.43	89.45	48.823684	-86.936930	56135.34	56266	-15.99	56119.35	56120.89844	56125.61791	56122.93359	504629.4	5407857.8
L4630.0	504629.3	5407858.3	3622.60010	243.45	89.44	48.823689	-86.936930	56135.65	56266	-15.99	56119.67	56121.22266	56125.38800	56122.75000	504629.3	5407858.3
L4630.0	504629.3	5407858.9	3622.69995	242.67	89.44	48.823694	-86.936931	56135.64	56266	-15.99	56119.65	56121.20703	56125.18078	56122.59375	504629.3	5407858.9
L4630.0	504629.3	5407858.9	3622.80005	241.99	89.45	48.823694	-86.936931	56135.98	56266	-15.99	56119.99	56121.55078	56124.94956	56122.41016	504629.3	5407858.9
L4630.0	504629.2	5407860.1	3622.89990	242.71	89.45	48.823705	-86.936932	56135.74	56266	-15.99	56119.75	56121.31641	56124.75698	56122.26172	504629.2	5407860.1
L4630.0	504629.2	5407860.1	3623.00000	241.54	89.45	48.823705	-86.936932	56134.99	56266	-15.99	56119.00	56120.57422	56124.59831	56122.15234	504629.2	5407860.1
L4630.0	504629.2	5407860.8	3623.10010	242.79	89.45	48.823711	-86.936932	56135.63	56266	-15.99	56119.63	56121.21094	56124.34755	56121.94531	504629.2	5407860.8
L4630.0	504629.2	5407861.5	3623.19995	240.12	89.45	48.823717	-86.936932	56135.34	56266	-16.00	56119.34	56120.92969	56124.15798	56121.80469	504629.2	5407861.5
L4630.0	504629.2	5407862.2	3623.30005	239.98	89.45	48.823724	-86.936933	56135.14	56266	-16.00	56119.15	56120.74609	56123.96159	56121.65234	504629.2	5407862.2
L4630.0	504629.1	5407863.0	3623.39990	239.31	89.45	48.823730	-86.936933	56135.04	56266	-16.00	56119.04	56120.64453	56123.75968	56121.49609	504629.1	5407863.0
L4630.0	504629.1	5407863.6	3623.50000	239.64	89.45	48.823737	-86.936933	56135.04	56266	-16.00	56119.04	56120.65234	56123.55022	56121.33203	504629.1	5407863.6
L4630.0	504629.1	5407863.6	3623.60010	242.82	89.45	48.823737	-86.936933	56135.11	56266	-16.01	56119.10	56120.72266	56123.33654	56121.16016	504629.1	5407863.6
L4630.0	504629.1	5407864.5	3623.69995	241.86	89.45	48.823744	-86.936934	56134.06	56266	-16.01	56118.04	56119.67188	56123.19727	56121.06641	504629.1	5407864.5
L4630.0	504629.0	5407865.3	3623.69995	241.86	89.45	48.823751	-86.936934	56133.86	56266	-16.01	56117.85	56119.49609	56122.99974	56120.91016	504629.0	5407865.3
L4630.0	504629.0	5407865.9	3623.80005	246.89	89.45	48.823757	-86.936935	56134.60	56266	-16.01	56118.59	56120.24609	56122.73992	56120.69141	504629.0	5407865.9
L4630.0	504629.0	5407866.8	3624.00000	244.85	89.45	48.823765	-86.936935	56134.46	56266	-16.02	56118.44	56120.10938	56122.53914	56120.53516	504629.0	5407866.8
L4630.0	504628.9	5407867.5	3624.10010	246.72	109.72	48.823772	-86.936935	56133.91	56266	-16.02	56117.89	56119.57031	56122.36471	56120.40234	504628.9	5407867.5
L4630.0	504628.9	5407867.5	3624.19995	247.58	130	48.823772	-86.936935	56134.03	56266	-16.02	56118.01	56119.70313	56122.14530	56120.22266	504628.9	5407867.5
L4630.0	504628.9	5407868.4	3624.30005	250.18	130	48.823779	-86.936936	56133.82	56266	-16.02	56117.81	56119.51953	56121.94688	56120.06641	504628.9	5407868.4
L4630.0	504628.9	5407869.4	3624.39990	251.37	130	48.823788	-86.936936	56133.77	56266	-16.02	56117.76	56119.48438	56121.73811	56119.89453	504628.9	5407869.4
L4630.0	504628.9	5407869.9	3624.50000	253.82	130	48.823793	-86.936937	56132.96	56266	-16.01	56116.94	56118.67969	56121.58033	56119.77734	504628.9	5407869.9
L4630.0	504628.9	5407870.7	3624.60010	257.55	130	48.823800	-86.936937	56133.07	56266	-16.01	56117.06	56118.81641	56121.35952	56119.59766	504628.9	5407870.7
L4630.0	504628.8	5407871.6	3624.69995	257.30	130	48.823808	-86.936937	56133.59	56266	-16.01	56117.58	56119.35156	56121.11168	56119.38672	504628.8	5407871.6
L4630.0	504628.8	5407871.6	3624.80005	257.06	130	48.823808	-86.936937	56133.18	56266	-16.01	56117.16	56118.94922	56120.92613	56119.23828	504628.8	5407871.6
L4630.0	504628.8	5407872.5	3624.89990	256.74	130	48.823817	-86.936937	56131.60	56266	-16.01	56115.59	56117.39844	56120.81686	56119.16797	504628.8	5407872.5
L4630.0	504628.8	5407873.5	3625.00000	252.11	130	48.823826	-86.936937	56132.22	56266	-16.01	56116.21	56118.03516	56120.56121	56118.94922	504628.8	5407873.5
L4630.0	504628.8	5407874.6	3625.10010	248.51	130	48.823835	-86.936938	56131.86	56266	-16.01	56115.84	56117.68359	56120.37117	56118.79688	504628.8	5407874.6
L4630.0	504628.8	5407874.6	3625.19995	245.11	130	48.823835	-86.936938	56132.48	56266	-16.02	56116.47	56118.33594	56120.11406	56118.57422	504628.8	5407874.6
L4630.0	504628.8	5407876.1	3625.30005	247.78	130	48.823849	-86.936938	56132.28	56266	-16.02	56116.26	56118.14453	56119.91255	56118.41016	504628.8	5407876.1
L4630.0	504628.8	5407876.1	3625.39990	247.28	130	48.823849	-86.936938	56131.72	56266	-16.03	56115.69	56117.59766	56119.73463	56118.26563	504628.8	5407876.1
L4630.0	504628.8	5407876.9	3625.50000	245.83	130	48.823856	-86.936938	56131.93	56266	-16.03	56115.90	56117.82813	56119.50431	56118.07031	504628.8	5407876.9
L4630.0	504628.7	5407877.9	3625.60010	246.21	130	48.823865	-86.936938	56131.95	56266	-16.03	56115.92	56117.87109	56119.28623	56117.88672	504628.7	5407877.9
L4630.0	504628.7	5407878.7	3625.69995	243.73	130	48.823872	-86.936938	56131.86	56266	-16.04	56115.82	56117.79297	56119.07573	56117.71094	504628.7	5407878.7
L4630.0	504628.7	5407879.6	3625.69995	243.73	130	48.823880	-86.936938	56130.89	56266	-16.04	56114.85	56116.84766	56118.92280	56117.59375	504628.7	5407879.6
L4630.0	504628.7	5407880.6	3625.80005	241.87	130	48.823890	-86.936939	56130.64	56266	-16.04	56114.60	56116.62500	56118.72144	56117.42578	504628.7	5407880.6
L4630.0	504628.7	5407881.7	3626.00000	236.83	130	48.823899	-86.936939	56129.84	56266.1	-16.05	56113.79	56115.83984	56118.55698	56117.29297	504628.7	5407881.7
L4630.0	504628.7	5407881.7	3626.10010	237.07	130	48.823899	-86.936939	56130.43	56266.1	-16.05	56114.38	56116.45313	56118.29874	56117.06641	504628.7	5407881.7
L4630.0	504628.7	5407882.7	3626.19995	239.24	130	48.823908	-86.936939	56131.24	56266.1	-16.05	56115.19	56117.29297	56118.02538	56116.82422	504628.7	5407882.7
L4630.0	504628.6	5407884.1	3626.30005	238.70	130	48.823921	-86.936940	56130.67	56266.1	-16.06	56114.62	56116.75000	56117.84357	56116.67578	504628.6	5407884.1
L4630.0	504628.6	5407884.8	3626.39990	237.78	130	48.823927	-86.936940	56130.31	56266.1	-16.06	56114.25	56116.40625	56117.64797	56116.51172	504628.6	5407884.8
L4630.0	504628.6	5407885.8	3626.50000	239.18	130	48.823936	-86.936940	56131.09	56266.1	-16.06	56115.03	56117.21484	56117.37523	56116.26953	504628.6	5407885.8
L4630.0	504628.6	5407885.8	3626.60010	237.40	130	48.823936	-86.936940	56130.42	56266.1	-16.06	56114.36	56116.57422	56117.19869	56116.12500	504628.6	5407885.8
L4630.0	504628.6	5407887.3	3626.69995	239.93	130	48.823949	-86.936940	56129.75	56266.1	-16.06	56113.68	56115.92578	56117.02234	56115.97656	504628.6	5407887.3
L4630.0	504628.6	5407888.3	3626.80005	244.16	130	48.823959	-86.936940	56129.70	56266.1	-16.07	56113.64	56115.91797	56116.80284	56115.78906	504628.6	5407888.3

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4630.0	504628.6	5407888.3	3626.89990	245.63	130	48.823959	-86.936940	56127.65	56266.1	-16.07	56111.58	56113.88672	56116.71751	56115.73047	504628.6	5407888.3
L4630.0	504628.6	5407889.7	3627.00000	246.55	130	48.823971	-86.936941	56128.64	56266.1	-16.07	56112.57	56114.91016	56116.42835	56115.47266	504628.6	5407889.7
L4630.0	504628.5	5407890.8	3627.10010	246.17	130	48.823981	-86.936941	56129.10	56266.1	-16.07	56113.03	56115.40234	56116.17403	56115.24609	504628.5	5407890.8
L4630.0	504628.5	5407890.8	3627.19995	247.10	130	48.823981	-86.936941	56129.93	56266.1	-16.07	56113.86	56116.26563	56115.89453	56114.99609	504628.5	5407890.8
L4630.0	504628.5	5407892.1	3627.30005	244.20	130	48.823993	-86.936941	56129.37	56266.1	-16.07	56113.29	56115.73047	56115.70786	56114.83594	504628.5	5407892.1
L4630.0	504628.5	5407893.1	3627.39990	245.30	130	48.824002	-86.936941	56128.54	56266.1	-16.07	56112.46	56114.93359	56115.53799	56114.69531	504628.5	5407893.1
L4630.0	504628.5	5407894.2	3627.50000	249.45	130	48.824012	-86.936941	56128.21	56266.1	-16.07	56112.13	56114.64063	56115.33427	56114.51953	504628.5	5407894.2
L4630.0	504628.5	5407894.2	3627.60010	246.73	130	48.824012	-86.936941	56128.72	56266.1	-16.08	56112.64	56115.18750	56115.07403	56114.28516	504628.5	5407894.2
L4630.0	504628.5	5407895.3	3627.69995	246.96	130	48.824021	-86.936941	56128.54	56266.1	-16.08	56112.46	56115.04297	56114.85924	56114.09766	504628.5	5407895.3
L4630.0	504628.5	5407896.3	3627.69995	246.96	130	48.824031	-86.936941	56127.84	56266.1	-16.08	56111.76	56114.37891	56114.67859	56113.94531	504628.5	5407896.3
L4630.0	504628.5	5407896.3	3627.80005	248.53	130	48.824031	-86.936941	56128.77	56266.1	-16.08	56112.69	56115.34766	56114.38872	56113.67969	504628.5	5407896.3
L4630.0	504628.5	5407897.7	3628.00000	247.08	130	48.824043	-86.936941	56127.42	56266.1	-16.08	56111.34	56114.03516	56114.25031	56113.57031	504628.5	5407897.7
L4630.0	504628.6	5407898.4	3628.10010	247.31	130	48.824050	-86.936940	56126.72	56266.1	-16.08	56110.64	56113.37500	56114.06800	56113.41406	504628.6	5407898.4
L4630.0	504628.6	5407899.4	3628.19995	249.40	130	48.824059	-86.936940	56126.16	56266.1	-16.08	56110.09	56112.86328	56113.87514	56113.24609	504628.6	5407899.4
L4630.0	504628.6	5407900.6	3628.30005	249.41	130	48.824069	-86.936940	56126.74	56266.1	-16.08	56110.66	56113.47266	56113.60704	56113.00391	504628.6	5407900.6
L4630.0	504628.6	5407901.7	3628.39990	248.65	130	48.824079	-86.936940	56126.85	56266.1	-16.08	56110.77	56113.62500	56113.36904	56112.78906	504628.6	5407901.7
L4630.0	504628.6	5407902.2	3628.50000	249.62	130	48.824083	-86.936940	56126.32	56266.1	-16.08	56110.24	56113.13672	56113.17314	56112.62109	504628.6	5407902.2
L4630.0	504628.6	5407903.2	3628.60010	250.93	130	48.824093	-86.936940	56126.43	56266.1	-16.07	56110.36	56113.29688	56112.93331	56112.40625	504628.6	5407903.2
L4630.0	504628.6	5407904.3	3628.69995	253.77	130	48.824103	-86.936939	56125.98	56266.1	-16.07	56109.91	56112.88672	56112.73090	56112.22656	504628.6	5407904.3
L4630.0	504628.6	5407904.3	3628.80005	257.43	130	48.824103	-86.936939	56126.14	56266.1	-16.07	56110.07	56113.08984	56112.48722	56112.00781	504628.6	5407904.3
L4630.0	504628.6	5407905.6	3628.89990	260.32	130	48.824114	-86.936939	56125.93	56266.1	-16.07	56109.86	56112.92188	56112.26761	56111.81250	504628.6	5407905.6
L4630.0	504628.7	5407906.9	3629.00000	260.03	130	48.824126	-86.936939	56125.68	56266.1	-16.07	56109.61	56112.71875	56112.05005	56111.62109	504628.7	5407906.9
L4630.0	504628.7	5407908.0	3629.10010	258.00	130	48.824136	-86.936939	56125.27	56266.1	-16.07	56109.20	56112.35156	56111.84255	56111.43750	504628.7	5407908.0
L4630.0	504628.7	5407908.8	3629.19995	253.09	130	48.824143	-86.936939	56125.16	56266.1	-16.07	56109.09	56112.28516	56111.61442	56111.23047	504628.7	5407908.8
L4630.0	504628.7	5407910.0	3629.30005	250.01	130	48.824154	-86.936938	56125.30	56266.1	-16.07	56109.23	56112.46875	56111.36900	56111.01172	504628.7	5407910.0
L4630.0	504628.7	5407911.0	3629.39990	241.58	130	48.824163	-86.936938	56124.87	56266.1	-16.07	56108.80	56112.08594	56111.16093	56110.82422	504628.7	5407911.0
L4630.0	504628.7	5407911.0	3629.50000	236.74	130	48.824163	-86.936938	56124.34	56266.1	-16.07	56108.28	56111.60938	56110.95821	56110.64453	504628.7	5407911.0
L4630.0	504628.7	5407912.7	3629.60010	234.83	130	48.824178	-86.936938	56124.26	56266.1	-16.06	56108.19	56111.56641	56110.72617	56110.43750	504628.7	5407912.7
L4630.0	504628.8	5407913.9	3629.69995	235.34	130	48.824188	-86.936938	56124.47	56266.1	-16.06	56108.41	56111.83203	56110.47279	56110.20703	504628.8	5407913.9
L4630.0	504628.8	5407915.2	3629.69995	235.34	130	48.824201	-86.936937	56124.06	56266.1	-16.06	56108.00	56111.46875	56110.26074	56110.01953	504628.8	5407915.2
L4630.0	504628.8	5407915.2	3629.80005	237.81	130	48.824201	-86.936937	56123.98	56266.1	-16.06	56107.92	56111.43359	56110.02601	56109.80469	504628.8	5407915.2
L4630.0	504628.8	5407916.4	3630.00000	240.76	130	48.824211	-86.936937	56123.78	56266.1	-16.06	56107.72	56111.28125	56109.79858	56109.60156	504628.8	5407916.4
L4630.0	504628.8	5407917.6	3630.10010	244.37	130	48.824222	-86.936937	56123.66	56266.1	-16.06	56107.60	56111.20703	56109.56511	56109.39063	504628.8	5407917.6
L4630.0	504628.8	5407917.6	3630.19995	250.08	130	48.824222	-86.936937	56123.07	56266.1	-16.06	56107.01	56110.66406	56109.36227	56109.21094	504628.8	5407917.6
L4630.0	504628.8	5407919.1	3630.30005	252.70	130	48.824236	-86.936937	56123.13	56266.1	-16.06	56107.07	56110.77344	56109.11536	56108.98828	504628.8	5407919.1
L4630.0	504628.8	5407920.2	3630.39990	255.72	130	48.824246	-86.936937	56122.90	56266.1	-16.06	56106.83	56110.57813	56108.88773	56108.78125	504628.8	5407920.2
L4630.0	504628.8	5407921.3	3630.50000	255.32	130	48.824255	-86.936937	56122.74	56266.1	-16.07	56106.68	56110.47656	56108.65336	56108.57031	504628.8	5407921.3
L4630.0	504628.8	5407922.7	3630.60010	256.50	130	48.824268	-86.936936	56122.24	56266.1	-16.07	56106.17	56110.01563	56108.44225	56108.38281	504628.8	5407922.7
L4630.0	504628.8	5407922.7	3630.69995	256.11	130	48.824268	-86.936936	56122.27	56266.1	-16.07	56106.21	56110.10547	56108.19371	56108.15625	504628.8	5407922.7
L4630.0	504628.8	5407924.3	3630.80005	258.51	130	48.824282	-86.936936	56121.96	56266.1	-16.07	56105.89	56109.83203	56107.96840	56107.95313	504628.8	5407924.3
L4630.0	504628.9	5407925.8	3630.89990	257.35	130	48.824296	-86.936936	56122.42	56266.1	-16.07	56106.35	56110.33984	56107.69032	56107.69531	504628.9	5407925.8
L4630.0	504628.9	5407925.8	3631.00000	257.30	130	48.824296	-86.936936	56122.54	56266.1	-16.07	56106.47	56110.50781	56107.43413	56107.46094	504628.9	5407925.8
L4630.0	504628.9	5407927.2	3631.10010	256.03	130	48.824308	-86.936936	56120.90	56266.1	-16.07	56104.83	56108.91797	56107.29449	56107.34375	504628.9	5407927.2
L4630.0	504628.9	5407928.4	3631.19995	249.68	130	48.824319	-86.936936	56121.15	56266.1	-16.07	56105.08	56109.21484	56107.02805	56107.10156	504628.9	5407928.4
L4630.0	504628.9	5407929.6	3631.30005	248.73	130	48.824330	-86.936936	56122.20	56266.1	-16.07	56106.13	56110.31250	56106.70748	56106.80078	504628.9	5407929.6
L4630.0	504628.9	5407929.6	3631.39990	247.54	130	48.824330	-86.936936	56120.04	56266.1	-16.07	56103.97	56108.19922	56106.60010	56106.71875	504628.9	5407929.6
L4630.0	504628.9	5407931.1	3631.50000	244.71	130	48.824343	-86.936936	56120.06	56266.1	-16.07	56103.99	56108.26953	56106.34657	56106.48438	504628.9	5407931.1
L4630.0	504628.9	5407932.5	3631.60010	236.87	130	48.824356	-86.936936	56120.77	56266.1	-16.07	56104.70	56109.02734	56106.04622	56106.20703	504628.9	5407932.5
L4630.0	504628.9	5407932.5	3631.69995	232.98	130	48.824356	-86.936936	56119.86	56266.1	-16.07	56103.79	56108.16406	56105.85304	56106.03516	504628.9	5407932.5
L4630.0	504628.9	5407933.8	3631.69995	232.98	130	48.824368	-86.936936	56120.37	56266.1	-16.07	56104.30	56108.72266	56105.56436	56105.76953	504628.9	5407933.8
L4630.0	504628.9	5407934.9	3631.80005	234.18	130	48.824378	-86.936936	56119.32	56266.1	-16.07	56103.25	56107.71875	56105.37884	56105.60547	504628.9	5407934.9
L4630.0	504628.9	5407935.9	3632.00000	240.55	130	48.824387	-86.936936	56119.00	56266.1	-16.07	56102.93	56107.44531	56105.14381	56105.39453	504628.9	5407935.9
L4630.0	504628.9	5407937.1	3632.10010	246.88	130	48.824398	-86.936936	56119.15	56266.1	-16.07	56103.08	56107.64063	56104.87659	56105.14844	504628.9	5407937.1
L4630.0	504628.9	5407938.1	3632.19995	252.36	130	48.824406	-86.936936	56119.71	56266.1	-16.07	56103.64	56108.25000	56104.58117	56104.87500	504628.9	5407938.1
L4630.0	504628.9	5407938.1	3632.30005	255.02	130	48.824406	-86.936936	56118.27	56266.1	-16.07	56102.20	56106.85547	56104.41822	56104.73438	504628.9	5407938.1
L4630.0	504628.9	5407939.6	3632.39990	253.33	130	48.824420	-86.936936	56118.63	56266.1	-16.07	56102.56	56107.26172	56104.13439	56104.47266	504628.9	5407939.6
L4630.0	504628.8	5407941.0	3632.50000	249.96	130	48.824433	-86.936936	56118.82	56266.1	-16.07	56102.75	56107.49609	56103.86102	56104.21875	504628.8	5407941.0
L4630.0	504628.8	5407942.3	3632.60010	246.62	130	48.824444	-86.936936	56117.11	56266.1	-16.07	56101.04	56105.83203	56103.71342	56104.09375	504628.8	5407942.3
L4630.0	504628.8	5407943.6	3632.69995	243.02	130	48.824456	-86.936936	56117.69	56266.1	-16.07	56101.62	56106.45703	56103.41225	56103.81250	504628.8	5407943.6
L4630.0	504628.8	5407943.6	3632.80005	240.27	130	48.824456	-86.936936	56118.12	56266.1	-16.07	56102.05	56106.92969	56103.12017	56103.54297	504628.8	5407943.6
L4630.0	504628.8	5407944.9	3632.89990	239.72	130	48.824467	-86.936936	56116.72	56266.1	-16.07	56100.65	56105.57422	56102.94918	56103.39453	504628.8	5407944.9
L4630.0	504628.8	5407946.2	3633.00000	236.80	130	48.824479	-86.936936	56117.23	56266.1	-16.07	56101.16	56106.12891	56102.64992	56103.11719	504628.8	5407946.2
L4630.0	504628.8	5407947.0	3633.10010	237.44	130	48.824486	-86.936936	56116.42	56266.1	-16.07	56100.35	56105.35938	56102.43773	56102.92578	504628.8	5407947.0
L4630.0	504628.9	5407948.1	3633.19995	238.36	130	48.824497	-86.936936	56116.09	56266.1	-16.08	56100.01	56105.06250	56102.19325	56102.70313	504628.9	5407948.1
L4630.0	504628.9	5407949.4	3633.30005	241.01	130	48.824508	-86.936936	56116.90	56266.1	-16.08	56100.82	56105.91406	56101.87115	56102.40234	504628.9	5407949.4
L4630.0	504628.9	5407950.3	3633.39990	242.45	130	48.824516	-86.936936	56116.38	56266.1	-16.08	56100.30	56105.43359	56101.63674	56102.19141	504628.9	5407950.3
L4630.0	504628.9	5407951.5	3633.50000	245.14	130	48.824527	-86.936936	56116.29	56266.1	-16.08	56100.21	56105.38281	56101.37268	56101.94922	504628.9	5407951.5
L4630.0	504628.9	5407951.5	3633.60010	244.19	130	48.824527	-86.936936	56116.06	56266.1	-16.09	56099.98	56105.19531	56101.11695	56101.71094	504628.9	5407951.5
L4630.0	504628.9	5407952.9	3633.69995	243.18	130	48.824540	-86.936935	56116.02	56266.1	-16.09	56099.93	56105.18359	56100.84822	56101.46484	504628.9	5407952.9
L4630.0	504628.9	5407954.2	3633.69995	243.18	130	48.824551	-86.936935	56114.95	56266.1	-16.09	56098.85	56104.14063	56100.64713	56101.28516	504628.9	5407954.2
L4630.0	504628.9	5407955.3	3633.80005	241.43	130	48.824562	-86.936935	56114.13	56266.1	-16.09	56098.04	56103.36719	56100.42700	56101.08594	504628.9	5407955.3
L4630.0	504628.9	5407955.3	3634.00000	242.78	130	48.824562	-86.936935	56114.82	56266.1	-16.10	56098.72	56104.08203	56100.10648	56100.78516	504628.9	5407955.3
L4630.0	504628.9	5407957.2	3634.10010	242.88	130	48.824578	-86.936935	56114.23	56266.1	-16.10	56098.13	56103.53125	56099.86957	56100.57031	504628.9	5407957.2
L4630.0	504628.9	5407958.5	3634.19995	244.35	130	48.824590	-86.936935	56114.30	56266.1	-16.10	56098.20	56103.63281	56099.58757	56100.30859	504628.9	5407958.5
L4630.0	504628.9	5407959.5	3634.30005	242.04	130	48.824599	-86.936935	56114.04	56266.1	-16.10	56097.95	56103.41797	56099.32581	56100.07031	504628.9	5407959.5
L4630.0	504628.9	5407960.7	3634.39990	244.01	130	48.824610	-86.936935	56114.47	56266.1	-16.10	56098.38	56103.88281	56099.01760	56099.78125	504628.9	5407960.7
L4630.0	504628.9	5407960.7	3634.50000	244.33	130	48.824610	-86.936935	56113.08	56266.1	-16.10	56096.98	56102.51172	56098.83027	56099.61328	504628.9	5407960.7
L4630.0	504629.0	5407962.5	3634.60010	243.81	130	48.824626	-86.936934	56111.97	56266.1	-16.09	56095.88	56101.44531	56098.62179	56099.42578	504629.0	5407962.5
L4630.0	504629.0	5407963.6	3634.69995	245.48	130	48.824636	-86.936934	56113.26	56266.1	-16.09	56097.17	56102.76563	56098.25281	56099.07813	504629.0	5407963.6
L4630.0	504629.0	5407963.6	3634.80005	245.57	130	48.824636	-86.936934	56112.61	56266.1	-16.09	56096.52	56102.14453	56098.01199	56098.85547	504629.0	5407963.6
L4630.0	504629.0	5407966.0	3634.89990	246.82	130	48.824658	-86.936934	56112.72	56266.1	-16.09	56096.63	56102.28125	56097.71931	56098.58594	504629.0	5407966.0
L4630.0	504629.0	5407966.0	3635.00000	243.79	130	48.824658	-86.936934	56111.92	56266.1	-16.09	56095.83	56101.50781	56097.48608	56098.37109	504629.0	5407966.0
L4630.0	504629.0	5407967.3	3635.10010	241.74	130	48.824669	-86.936934	56112.36	56266.1	-16.09	56096.27	56101.97266	56097.16896	56098.07422	504629.0	5407967.3
L4630.0	504629.0	5407968.9	3635.19995	241.53	130	48.824684	-86.936933	56111.82	56266.1	-16.09	56095.73	56101.45703	56096.91593	56097.83984	504629.0	5407968.9
L4630.0	504629.0	5407970.1	3635.30005	240.78	130	48.824694	-86.936933	56112.05	56266.1	-16.09	56095.96	56101.71094	56096.61031	56097.55469	504629.0	5407970.1
L4630.0	504629.0	5407970.1	3635.39990	239.02	130	48.824694	-86.936933	56110.30	56266.1	-16.09	56094.21	56099.98438	56096.43541	56097.39844	504629.0	5407970.1
L4630.0	504629.0	5407971.4	3635.50000	237.33	130	48.824706	-86.936933	56110.78	56266.1	-16.09	56094.69	56100.48438	56096.11056	56097.09375	504629.0	5407971.4
L4630.0	504629.1	5407973.0	3635.60010	237.47	130	48.824720	-86.936933	56111.14	56266.1	-16.09	56095.05	56100.86719	56095.79241	56096.79297	504629.1	5407973.0
L4630.0	504629.1	5407974.3	3635.69995	238.61	130	48.824732	-86.936933	56110.69	56266.1	-16.09	56094.60	56100.43359	56095.52694	56096.54688	504629.1	5407974.3
L4630.0	504629.1	5407974.3	3635.69995	238.61	130	48.824732	-86.936933	56110.09	56266.1	-16.09	56094.00	56099.85156	56095.27014	56096.30859	504629.1	5407974.3
L4630.0	504629.1	5407976.5	3635.80005	242.33	130	48.824752	-86.936933	56109.85	56266.1	-16.09	56093.76	56099.62891	56094.98801	56096.04297	504629.1	5407976.5
L4630.0	504629.1	5407976.5	3636.00000	248.28	130	48.824752	-86.936933	56109.89	56266.1	-16.09	56093.81	56099.69141	56094.68520	56095.75781	504629.1	5407976.5
L4630.0	504629.1	5407977.9	3636.10010	253.63	130	48.824765	-86.936933	56109.75	56266.1	-16.09	56093.65	56099.54688	56094.39503	56095.48438	504629.1	5407977.9

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4630.0	504629.1	5407979.3	3636.19995	255.06	130	48.824777	-86.936933	56108.66	56266.1	-16.09	56092.57	56098.47656	56094.16483	56095.27344	504629.1	5407979.3
L4630.0	504629.1	5407980.1	3636.30005	258.61	130	48.824784	-86.936933	56108.66	56266.1	-16.10	56092.56	56098.48047	56093.86193	56094.98828	504629.1	5407980.1
L4630.0	504629.1	5407980.1	3636.39990	259.49	130	48.824784	-86.936933	56108.81	56266.1	-16.10	56092.71	56098.64063	56093.54699	56094.68750	504629.1	5407980.1
L4630.0	504629.0	5407981.8	3636.50000	259.08	130	48.824799	-86.936933	56108.15	56266.1	-16.10	56092.05	56097.98828	56093.28467	56094.44531	504629.0	5407981.8
L4630.0	504629.0	5407983.1	3636.60010	258.61	130	48.824811	-86.936933	56107.79	56266.1	-16.10	56091.69	56097.63281	56093.00097	56094.17578	504629.0	5407983.1
L4630.0	504629.0	5407984.7	3636.69995	258.37	130	48.824826	-86.936933	56108.00	56266.1	-16.10	56091.89	56097.83984	56092.67855	56093.87109	504629.0	5407984.7
L4630.0	504629.0	5407985.7	3636.80005	256.56	130	48.824835	-86.936933	56106.38	56266.1	-16.11	56090.28	56096.23438	56092.47541	56093.68359	504629.0	5407985.7
L4630.0	504629.0	5407986.9	3636.89990	255.26	130	48.824845	-86.936934	56106.94	56266.1	-16.11	56090.83	56096.78516	56092.12690	56093.34766	504629.0	5407986.9
L4630.0	504629.0	5407987.9	3637.00000	252.23	130	48.824854	-86.936934	56106.61	56266.1	-16.11	56090.50	56096.45703	56091.83567	56093.07031	504629.0	5407987.9
L4630.0	504629.0	5407988.9	3637.10010	247.87	130	48.824864	-86.936934	56105.85	56266.1	-16.11	56089.74	56095.69531	56091.57174	56092.82031	504629.0	5407988.9
L4630.0	504629.0	5407988.9	3637.19995	242.02	130	48.824864	-86.936934	56106.08	56266.1	-16.11	56089.97	56095.92188	56091.24043	56092.50391	504629.0	5407988.9
L4630.0	504628.9	5407990.9	3637.30005	238.75	130	48.824881	-86.936934	56105.68	56266.1	-16.11	56089.57	56095.51953	56090.94976	56092.22656	504628.9	5407990.9
L4630.0	504628.9	5407992.2	3637.39990	238.89	130	48.824893	-86.936935	56104.64	56266.1	-16.11	56088.54	56094.48438	56090.69974	56091.99219	504628.9	5407992.2
L4630.0	504628.9	5407993.4	3637.50000	238.51	130	48.824904	-86.936935	56104.15	56266.1	-16.10	56088.05	56093.98828	56090.41236	56091.71484	504628.9	5407993.4
L4630.0	504628.9	5407994.6	3637.60010	241.81	130	48.824915	-86.936935	56104.28	56266.1	-16.10	56088.18	56094.10938	56090.08231	56091.39844	504628.9	5407994.6
L4630.0	504628.9	5407994.6	3637.69995	243.52	130	48.824915	-86.936935	56103.84	56266.1	-16.10	56087.74	56093.66016	56089.78892	56091.11719	504628.9	5407994.6
L4630.0	504628.9	5407995.8	3637.69995	243.52	130	48.824926	-86.936935	56104.18	56266.1	-16.10	56088.08	56093.98828	56089.44221	56090.78125	504628.9	5407995.8
L4630.0	504628.9	5407997.3	3637.80005	247.05	130	48.824939	-86.936935	56103.20	56266.1	-16.10	56087.09	56092.98828	56089.18286	56090.53125	504628.9	5407997.3
L4630.0	504628.9	5407998.5	3638.00000	255.84	130	48.824949	-86.936935	56103.17	56266.1	-16.10	56087.07	56092.95313	56088.85754	56090.21875	504628.9	5407998.5
L4630.0	504628.9	5407999.8	3638.10010	257.96	130	48.824961	-86.936935	56102.06	56266.1	-16.10	56085.95	56091.81641	56088.60427	56089.97656	504628.9	5407999.8
L4630.0	504628.9	5407999.8	3638.19995	259.68	130	48.824961	-86.936935	56102.18	56266.1	-16.10	56086.08	56091.92969	56088.26638	56089.64453	504628.9	5407999.8
L4630.0	504628.9	5408001.1	3638.30005	262.48	130	48.824973	-86.936935	56102.13	56266.1	-16.11	56086.02	56091.85156	56087.93991	56089.32813	504628.9	5408001.1
L4630.0	504628.9	5408002.6	3638.39990	262.57	130	48.824986	-86.936935	56101.27	56266.1	-16.11	56085.17	56090.98047	56087.66486	56089.06250	504628.9	5408002.6
L4630.0	504628.9	5408003.9	3638.50000	260.65	130	48.824998	-86.936935	56100.94	56266.1	-16.11	56084.83	56090.61719	56087.35457	56088.75781	504628.9	5408003.9
L4630.0	504628.9	5408005.2	3638.60010	258.04	130	48.825010	-86.936935	56100.94	56266.1	-16.11	56084.83	56090.59375	56087.02041	56088.43359	504628.9	5408005.2
L4630.0	504628.9	5408006.5	3638.69995	257.03	130	48.825021	-86.936935	56100.08	56266.1	-16.11	56083.97	56089.71094	56086.74238	56088.16016	504628.9	5408006.5
L4630.0	504628.9	5408006.5	3638.80005	258.68	130	48.825021	-86.936935	56099.78	56266.1	-16.12	56083.66	56089.37500	56086.42651	56087.85156	504628.9	5408006.5
L4630.0	504628.9	5408007.7	3638.89990	257.15	130	48.825033	-86.936935	56099.61	56266.1	-16.12	56083.49	56089.17578	56086.10014	56087.53125	504628.9	5408007.7
L4630.0	504628.9	5408009.3	3639.00000	257.89	130	48.825047	-86.936935	56099.42	56266.1	-16.12	56083.30	56088.95703	56085.77397	56087.20703	504628.9	5408009.3
L4630.0	504628.9	5408010.5	3639.10010	254.18	130	48.825058	-86.936935	56098.64	56266.1	-16.12	56082.52	56088.14453	56085.48600	56086.92578	504628.9	5408010.5
L4630.0	504628.9	5408011.7	3639.19995	251.33	130	48.825069	-86.936935	56098.82	56266.1	-16.12	56082.70	56088.29297	56085.13294	56086.57422	504628.9	5408011.7
L4630.0	504628.9	5408011.7	3639.30005	249.51	130	48.825069	-86.936935	56097.68	56266.1	-16.12	56081.56	56087.11719	56084.86680	56086.31250	504628.9	5408011.7
L4630.0	504628.9	5408013.3	3639.39990	248.05	130	48.825083	-86.936935	56097.65	56266.1	-16.12	56081.53	56087.05078	56084.52560	56085.97266	504628.9	5408013.3
L4630.0	504628.9	5408013.3	3639.50000	246.64	130	48.825083	-86.936935	56096.68	56266.1	-16.12	56080.56	56086.04297	56084.24604	56085.69531	504628.9	5408013.3
L4630.0	504628.9	5408015.3	3639.60010	247.40	130	48.825101	-86.936935	56096.39	56266.1	-16.12	56080.27	56085.71484	56083.92014	56085.36719	504628.9	5408015.3
L4630.0	504628.9	5408016.8	3639.69995	247.75	130	48.825114	-86.936935	56096.64	56266.1	-16.12	56080.52	56085.92578	56083.55726	56085.00391	504628.9	5408016.8
L4630.0	504628.9	5408018.1	3639.69995	247.75	130	48.825126	-86.936935	56096.14	56266.1	-16.12	56080.02	56085.38281	56083.24343	56084.69141	504628.9	5408018.1
L4630.0	504628.9	5408019.3	3639.80005	246.75	130	48.825137	-86.936935	56095.36	56266.1	-16.12	56079.24	56084.56250	56082.94734	56084.39453	504628.9	5408019.3
L4630.0	504628.9	5408020.9	3640.00000	248.46	130	48.825151	-86.936935	56095.38	56266.1	-16.12	56079.26	56084.53516	56082.59703	56084.03906	504628.9	5408020.9
L4630.0	504628.9	5408020.9	3640.10010	244.88	130	48.825151	-86.936935	56094.24	56266.1	-16.12	56078.12	56083.35156	56082.32318	56083.76172	504628.9	5408020.9
L4630.0	504628.9	5408022.4	3640.19995	240.34	130	48.825165	-86.936935	56094.14	56266.1	-16.12	56078.02	56083.20313	56081.97917	56083.41406	504628.9	5408022.4
L4630.0	504628.9	5408022.4	3640.30005	237.39	130	48.825165	-86.936935	56093.86	56266.1	-16.12	56077.74	56082.87500	56081.64636	56083.07813	504628.9	5408022.4
L4630.0	504628.8	5408025.2	3640.39990	234.58	130	48.825190	-86.936935	56093.27	56266.1	-16.12	56077.15	56082.23438	56081.33345	56082.75781	504628.8	5408025.2
L4630.0	504628.8	5408026.6	3640.50000	235.12	130	48.825202	-86.936935	56092.95	56266.1	-16.12	56076.83	56081.86328	56081.00182	56082.42188	504628.8	5408026.6
L4630.0	504628.8	5408026.6	3640.60010	234.90	130	48.825202	-86.936935	56092.77	56266.1	-16.12	56076.65	56081.63281	56080.66017	56082.07422	504628.8	5408026.6
L4630.0	504628.8	5408028.4	3640.69995	236.68	130	48.825219	-86.936935	56092.63	56266.1	-16.12	56076.50	56081.42578	56080.31586	56081.72266	504628.8	5408028.4
L4630.0	504628.8	5408028.4	3640.80005	237.61	130	48.825219	-86.936935	56090.90	56266.1	-16.12	56074.78	56079.65234	56080.07561	56081.47266	504628.8	5408028.4
L4630.0	504628.8	5408029.8	3640.89990	239.72	130	48.825231	-86.936935	56091.25	56266.1	-16.12	56075.13	56079.94531	56079.69678	56081.08203	504628.8	5408029.8
L4630.0	504628.8	5408031.1	3641.00000	237.58	130	48.825243	-86.936935	56090.64	56266.1	-16.12	56074.52	56079.27734	56079.38144	56080.75781	504628.8	5408031.1
L4630.0	504628.8	5408032.5	3641.10010	240.30	130	48.825256	-86.936935	56090.35	56266.1	-16.12	56074.22	56078.91797	56079.04494	56080.41016	504628.8	5408032.5
L4630.0	504628.8	5408033.9	3641.19995	240.82	130	48.825268	-86.936935	56090.34	56266.1	-16.13	56074.21	56078.85156	56078.68867	56080.04297	504628.8	5408033.9
L4630.0	504628.8	5408033.9	3641.30005	242.41	130	48.825268	-86.936935	56088.70	56266.1	-16.13	56072.57	56077.14844	56078.44067	56079.78125	504628.8	5408033.9
L4630.0	504628.8	5408035.6	3641.39990	246.19	130	48.825283	-86.936935	56089.18	56266.1	-16.13	56073.05	56077.56641	56078.05100	56079.37891	504628.8	5408035.6
L4630.0	504628.8	5408036.7	3641.50000	248.11	130	48.825294	-86.936935	56088.14	56266.1	-16.14	56072.01	56076.46484	56077.76236	56079.07422	504628.8	5408036.7
L4630.0	504628.8	5408038.2	3641.60010	247.86	130	48.825307	-86.936935	56087.70	56266.1	-16.14	56071.56	56075.94922	56077.43415	56078.73047	504628.8	5408038.2
L4630.0	504628.8	5408039.6	3641.69995	251.01	130	48.825320	-86.936935	56086.62	56266.1	-16.14	56070.48	56074.80469	56077.14774	56078.42969	504628.8	5408039.6
L4630.0	504628.8	5408040.5	3641.69995	251.01	130	48.825327	-86.936935	56086.45	56266.1	-16.14	56070.31	56074.56641	56076.80052	56078.06250	504628.8	5408040.5
L4630.0	504628.8	5408041.7	3641.80005	251.68	130	48.825339	-86.936935	56086.32	56266.1	-16.14	56070.18	56074.37109	56076.45053	56077.69531	504628.8	5408041.7
L4630.0	504628.8	5408041.7	3642.00000	254.42	130	48.825339	-86.936935	56086.45	56266.2	-16.15	56070.30	56074.42188	56076.08385	56077.30859	504628.8	5408041.7
L4630.0	504628.8	5408043.3	3642.10010	255.11	130	48.825353	-86.936935	56085.08	56266.2	-16.15	56068.93	56072.98438	56075.81651	56077.02344	504628.8	5408043.3
L4630.0	504628.8	5408044.7	3642.19995	256.98	130	48.825365	-86.936935	56084.86	56266.2	-16.15	56068.70	56072.68359	56075.47324	56076.66016	504628.8	5408044.7
L4630.0	504628.8	5408046.1	3642.30005	257.08	130	48.825378	-86.936936	56084.68	56266.2	-16.15	56068.52	56072.43359	56075.12676	56076.29297	504628.8	5408046.1
L4630.0	504628.8	5408047.2	3642.39990	259.05	130	48.825388	-86.936936	56083.16	56266.2	-16.15	56067.01	56070.85156	56074.86913	56076.01172	504628.8	5408047.2
L4630.0	504628.8	5408048.6	3642.50000	262.19	130	48.825401	-86.936936	56083.79	56266.2	-16.15	56067.64	56071.41016	56074.46907	56075.58984	504628.8	5408048.6
L4630.0	504628.8	5408048.6	3642.60010	264.09	130	48.825401	-86.936936	56083.06	56266.2	-16.16	56066.90	56070.59766	56074.16064	56075.25781	504628.8	5408048.6
L4630.0	504628.8	5408050.7	3642.69995	264.14	130	48.825419	-86.936936	56081.62	56266.2	-16.16	56065.46	56069.08203	56073.89923	56074.96875	504628.8	5408050.7
L4630.0	504628.8	5408052.1	3642.80005	263.54	130	48.825432	-86.936936	56082.03	56266.2	-16.16	56065.87	56069.41797	56073.51490	56074.55859	504628.8	5408052.1
L4630.0	504628.8	5408053.5	3642.89990	262.09	130	48.825444	-86.936936	56081.56	56266.2	-16.16	56065.40	56068.87500	56073.18970	56074.20703	504628.8	5408053.5
L4630.0	504628.8	5408053.5	3643.00000	262.20	130	48.825444	-86.936936	56081.24	56266.2	-16.16	56065.08	56068.47656	56072.85503	56073.84766	504628.8	5408053.5
L4630.0	504628.8	5408055.1	3643.10010	261.58	130	48.825459	-86.936936	56080.81	56266.2	-16.16	56064.64	56067.96094	56072.52896	56073.49219	504628.8	5408055.1
L4630.0	504628.8	5408056.3	3643.19995	261.22	130	48.825470	-86.936936	56079.82	56266.2	-16.16	56063.66	56066.90625	56072.23954	56073.17188	504628.8	5408056.3
L4630.0	504628.8	5408056.3	3643.30005	258.44	130	48.825470	-86.936936	56079.20	56266.2	-16.16	56063.03	56066.19922	56071.92751	56072.83203	504628.8	5408056.3
L4630.0	504628.8	5408058.3	3643.39990	255.20	130	48.825488	-86.936936	56079.34	56266.2	-16.16	56063.18	56066.27344	56071.56426	56072.43750	504628.8	5408058.3
L4630.0	504628.8	5408059.4	3643.50000	250.30	130	48.825498	-86.936936	56078.66	56266.2	-16.16	56062.50	56065.51563	56071.25719	56072.10156	504628.8	5408059.4
L4630.0	504628.8	5408060.9	3643.60010	245.35	130	48.825511	-86.936936	56078.40	56266.2	-16.16	56062.24	56065.17578	56070.92303	56071.73438	504628.8	5408060.9
L4630.0	504628.8	5408062.0	3643.69995	240.95	130	48.825521	-86.936936	56077.62	56266.2	-16.16	56061.46	56064.31641	56070.62452	56071.40234	504628.8	5408062.0
L4630.0	504628.8	5408063.3	3643.69995	240.95	130	48.825533	-86.936936	56077.29	56266.2	-16.16	56061.13	56063.91016	56070.29705	56071.04297	504628.8	5408063.3
L4630.0	504628.8	5408063.3	3643.80005	239.37	130	48.825533	-86.936936	56076.05	56266.2	-16.16	56059.89	56062.58984	56070.03137	56070.74219	504628.8	5408063.3
L4630.0	504628.8	5408064.6	3644.00000	236.39	130	48.825544	-86.936936	56075.83	56266.2	-16.16	56059.67	56062.28906	56069.69887	56070.37500	504628.8	5408064.6
L4630.0	504628.8	5408066.0	3644.10010	237.15	130	48.825557	-86.936936	56076.00	56266.2	-16.16	56059.84	56062.38281	56069.34163	56069.98047	504628.8	5408066.0
L4630.0	504628.8	5408067.6	3644.19995	237.72	130	48.825571	-86.936935	56074.99	56266.2	-16.16	56058.83	56061.29297	56069.06439	56069.66797	504628.8	5408067.6
L4630.0	504628.8	5408068.8	3644.30005	238.30	130	48.825583	-86.936935	56074.79	56266.2	-16.16	56058.63	56061.01172	56068.73455	56069.30078	504628.8	5408068.8
L4630.0	504628.8	5408068.8	3644.39990	240.30	130	48.825583	-86.936935	56073.63	56266.2	-16.16	56057.47	56059.77344	56068.47018	56069.00000	504628.8	5408068.8
L4630.0	504628.8	5408070.3	3644.50000	242.32	130	48.825595	-86.936935	56073.60	56266.2	-16.15	56057.44	56059.66406	56068.13203	56068.62109	504628.8	5408070.3
L4630.0	504628.8	5408071.7	3644.60010	244.13	130	48.825608	-86.936935	56072.84	56266.2	-16.15	56056.69	56058.83594	56067.84350	56068.29297	504628.8	5408071.7
L4630.0	504628.8	5408071.7	3644.69995	244.49	130	48.825608	-86.936935	56072.48	56266.2	-16.15	56056.32	56058.38672	56067.53134	56067.94141	504628.8	5408071.7
L4630.0	504628.8	5408073.3	3644.80005	248.44	130	48.825622	-86.936935	56071.86	56266.2	-16.15	56055.70	56057.68750	56067.23762	56067.60938	504628.8	5408073.3
L4630.0	504628.8	5408074.9	3644.89990	249.48	130	48.825637	-86.936935	56071.68	56266.2	-16.15	56055.53	56057.43750	56066.91576	56067.24609	504628.8	5408074.9
L4630.0	504628.8	5408076.3	3645.00000	248.79	130	48.825649	-86.936935	56070.82	56266.2	-16.15	56054.67	56056.50000	56066.64182	56066.93359	504628.8	5408076.3
L4630.0	504628.8	5408077.6	3645.10010	250.24	130	48.825662	-86.936935	56070.74	56266.2	-16.15	56054.59	56056.33984	56066.31790	56066.56641	504628.8	5408077.6
L4630.0	504628.8	5408077.6	3645.19995	250.43	130	48.825662	-86.936935	56069.12	56266.2	-16.16	56052.96	56054.63281	56066.09940	56066.30469	504628.8	5408077.6
L4630.0	504628.8	5408079.5	3645.30005	252.47	130	48.825678	-86.936935	56069.07	56266.2	-16.16	56052.91	56054.50391	56065.77773	56065.94141	504628.8	5408079.5
L4630.0	504628.8	5408081.1	3645.39990	252.86	130	48.825693	-86.936934	56069.70	56266.2	-16.17	56053.54	56055.05469	56065.41298	56065.53516	504628.8	5408081.1

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4630.0	504628.9	5408082.5	3645.50000	255.43	130	48.825706	-86.936934	56068.16	56266.2	-16.17	56051.99	56053.42969	56065.19588	56065.27344	504628.9	5408082.5
L4630.0	504628.9	5408083.9	3645.60010	254.46	130	48.825718	-86.936934	56068.48	56266.2	-16.17	56052.31	56053.67188	56064.85652	56064.89063	504628.9	5408083.9
L4630.0	504628.9	5408085.3	3645.69995	256.52	130	48.825731	-86.936934	56066.97	56266.2	-16.18	56050.79	56052.07422	56064.64232	56064.63281	504628.9	5408085.3
L4630.0	504628.9	5408085.3	3645.69995	256.52	130	48.825731	-86.936934	56067.60	56266.2	-16.18	56051.42	56052.62891	56064.28734	56064.23438	504628.9	5408085.3
L4630.0	504628.9	5408086.9	3645.80005	257.01	130	48.825745	-86.936934	56066.19	56266.2	-16.18	56050.01	56051.14453	56064.07102	56063.97266	504628.9	5408086.9
L4630.0	504628.9	5408086.9	3646.00000	256.76	130	48.825745	-86.936934	56065.71	56266.2	-16.19	56049.52	56050.57813	56063.79608	56063.65234	504628.9	5408086.9
L4630.0	504628.9	5408088.5	3646.10010	254.92	130	48.825760	-86.936934	56066.12	56266.2	-16.19	56049.92	56050.90625	56063.46463	56063.27734	504628.9	5408088.5
L4630.0	504628.9	5408089.9	3646.19995	250.30	130	48.825772	-86.936933	56065.40	56266.2	-16.19	56049.21	56050.12109	56063.21006	56062.97656	504628.9	5408089.9
L4630.0	504628.9	5408091.4	3646.30005	247.27	130	48.825786	-86.936933	56064.01	56266.2	-16.20	56047.81	56048.64844	56063.00446	56062.72656	504628.9	5408091.4
L4630.0	504628.9	5408091.4	3646.39990	246.05	130	48.825786	-86.936933	56064.52	56266.2	-16.20	56048.32	56049.08594	56062.67459	56062.34766	504628.9	5408091.4
L4630.0	504628.9	5408093.1	3646.50000	241.26	130	48.825801	-86.936933	56064.26	56266.2	-16.20	56048.06	56048.75391	56062.39919	56062.02734	504628.9	5408093.1
L4630.0	504629.0	5408094.5	3646.60010	237.60	130	48.825814	-86.936933	56063.16	56266.2	-16.20	56046.95	56047.57422	56062.18367	56061.76563	504629.0	5408094.5
L4630.0	504629.0	5408095.9	3646.69995	234.73	130	48.825826	-86.936933	56062.46	56266.2	-16.20	56046.26	56046.81641	56061.94345	56061.48047	504629.0	5408095.9
L4630.0	504629.0	5408095.9	3646.80005	233.06	130	48.825826	-86.936933	56062.02	56266.2	-16.21	56045.81	56046.29688	56061.69062	56061.18359	504629.0	5408095.9
L4630.0	504629.0	5408097.5	3646.89990	229.50	130	48.825841	-86.936933	56062.57	56266.2	-16.21	56046.36	56046.77734	56061.37460	56060.82031	504629.0	5408097.5
L4630.0	504629.0	5408098.8	3647.00000	227.77	130	48.825852	-86.936933	56062.06	56266.2	-16.21	56045.85	56046.19922	56061.13279	56060.53125	504629.0	5408098.8
L4630.0	504629.0	5408100.1	3647.10010	223.58	130	48.825864	-86.936932	56061.23	56266.2	-16.21	56045.02	56045.30469	56060.91595	56060.26953	504629.0	5408100.1
L4630.0	504629.0	5408101.4	3647.19995	226.77	130	48.825875	-86.936933	56061.05	56266.2	-16.22	56044.83	56045.05078	56060.66017	56059.96875	504629.0	5408101.4
L4630.0	504629.0	5408103.1	3647.30005	229.93	130	48.825890	-86.936933	56060.07	56266.2	-16.22	56043.84	56043.99609	56060.46153	56059.72266	504629.0	5408103.1
L4630.0	504629.0	5408104.2	3647.39990	232.19	130	48.825900	-86.936933	56060.60	56266.2	-16.23	56044.37	56044.46094	56060.16545	56059.38281	504629.0	5408104.2
L4630.0	504628.9	5408105.7	3647.50000	237.32	130	48.825914	-86.936933	56058.98	56266.2	-16.23	56042.75	56042.77734	56060.01668	56059.18750	504628.9	5408105.7
L4630.0	504628.9	5408105.7	3647.60010	240.63	130	48.825914	-86.936933	56059.21	56266.2	-16.23	56042.97	56042.93750	56059.74931	56058.87500	504628.9	5408105.7
L4630.0	504628.9	5408106.9	3647.69995	243.76	130	48.825925	-86.936933	56057.89	56266.2	-16.24	56041.65	56041.55859	56059.58875	56058.66797	504628.9	5408106.9
L4630.0	504628.9	5408108.7	3647.69995	243.76	130	48.825941	-86.936933	56058.09	56266.2	-16.24	56041.86	56041.70703	56059.33043	56058.36719	504628.9	5408108.7
L4630.0	504628.9	5408110.0	3647.80005	243.80	130	48.825953	-86.936933	56058.20	56266.2	-16.24	56041.96	56041.75000	56059.08375	56058.07422	504628.9	5408110.0
L4630.0	504628.9	5408111.6	3648.00000	245.29	130	48.825967	-86.936933	56056.98	56266.3	-16.25	56040.73	56040.46484	56058.93015	56057.87891	504628.9	5408111.6
L4630.0	504628.9	5408111.6	3648.10010	244.65	130	48.825967	-86.936933	56057.48	56266.3	-16.25	56041.23	56040.90625	56058.66570	56057.57031	504628.9	5408111.6
L4630.0	504628.9	5408113.5	3648.19995	243.96	130	48.825984	-86.936933	56056.17	56266.3	-16.25	56039.92	56039.54297	56058.52648	56057.38672	504628.9	5408113.5
L4630.0	504628.9	5408113.5	3648.30005	242.70	130	48.825984	-86.936933	56055.95	56266.3	-16.25	56039.69	56039.25781	56058.31992	56057.13672	504628.9	5408113.5
L4630.0	504628.9	5408115.1	3648.39990	241.13	130	48.825999	-86.936933	56055.31	56266.3	-16.25	56039.06	56038.57813	56058.14477	56056.91797	504628.9	5408115.1
L4630.0	504628.9	5408116.6	3648.50000	243.39	130	48.826012	-86.936933	56055.24	56266.3	-16.26	56038.98	56038.44531	56057.93776	56056.67188	504628.9	5408116.6
L4630.0	504628.9	5408118.0	3648.60010	242.69	130	48.826025	-86.936933	56055.79	56266.3	-16.26	56039.53	56038.94531	56057.69366	56056.38672	504628.9	5408118.0
L4630.0	504628.9	5408119.8	3648.69995	243.43	130	48.826041	-86.936933	56054.18	56266.3	-16.26	56037.92	56037.28906	56057.59853	56056.25000	504628.9	5408119.8
L4630.0	504628.9	5408119.8	3648.80005	245.15	130	48.826041	-86.936933	56054.22	56266.3	-16.26	56037.96	56037.28125	56057.39846	56056.00781	504628.9	5408119.8
L4630.0	504628.9	5408121.2	3648.89990	248.02	130	48.826054	-86.936933	56053.94	56266.3	-16.26	56037.68	56036.95313	56057.22486	56055.79688	504628.9	5408121.2
L4630.0	504628.9	5408122.7	3649.00000	251.57	130	48.826067	-86.936933	56053.97	56266.3	-16.26	56037.71	56036.93750	56057.03580	56055.56641	504628.9	5408122.7
L4630.0	504628.9	5408123.8	3649.10010	251.15	130	48.826077	-86.936933	56054.07	56266.3	-16.26	56037.81	56036.99609	56056.84737	56055.33984	504628.9	5408123.8
L4630.0	504628.9	5408123.8	3649.19995	252.37	130	48.826077	-86.936933	56052.12	56266.3	-16.27	56035.85	56034.99219	56056.80163	56055.25781	504628.9	5408123.8
L4630.0	504628.9	5408125.3	3649.19995	252.37	130	48.826090	-86.936933	56053.14	56266.3	-16.27	56036.87	56035.97266	56056.56266	56054.98047	504628.9	5408125.3
L4630.0	504628.9	5408126.8	3649.39990	257.33	130	48.826104	-86.936933	56052.00	56266.3	-16.28	56035.72	56034.78125	56056.47387	56054.85547	504628.9	5408126.8
L4630.0	504628.9	5408128.1	3649.39990	257.33	130	48.826116	-86.936933	56052.65	56266.3	-16.28	56036.38	56035.40234	56056.26999	56054.61719	504628.9	5408128.1
L4630.0	504628.9	5408129.5	3649.60010	258.35	130	48.826128	-86.936933	56051.46	56266.3	-16.28	56035.18	56034.16797	56056.19576	56054.50781	504628.9	5408129.5
L4630.0	504628.9	5408129.5	3649.69995	257.85	130	48.826128	-86.936933	56052.20	56266.3	-16.29	56035.91	56034.86328	56055.99858	56054.27734	504628.9	5408129.5
L4630.0	504629.0	5408131.4	3649.69995	257.85	130	48.826145	-86.936932	56050.76	56266.3	-16.29	56034.47	56033.38672	56055.95184	56054.19922	504629.0	5408131.4
L4630.0	504629.0	5408132.7	3649.80005	257.23	130	48.826157	-86.936932	56051.59	56266.3	-16.29	56035.30	56034.18359	56055.75963	56053.97266	504629.0	5408132.7
L4630.0	504629.0	5408134.3	3649.89990	258.53	130	48.826171	-86.936932	56050.58	56266.3	-16.30	56034.28	56033.13281	56055.69666	56053.87891	504629.0	5408134.3
L4630.0	504629.0	5408134.3	3650.10010	259.23	130	48.826171	-86.936932	56050.38	56266.3	-16.30	56034.08	56032.90234	56055.58500	56053.73828	504629.0	5408134.3
L4630.0	504629.0	5408135.9	3650.19995	258.29	130	48.826186	-86.936932	56050.30	56266.3	-16.30	56034.00	56032.79297	56055.47138	56053.59375	504629.0	5408135.9
L4630.0	504629.0	5408137.6	3650.19995	258.29	130	48.826201	-86.936932	56049.90	56266.3	-16.30	56033.60	56032.36328	56055.38520	56053.48047	504629.0	5408137.6
L4630.0	504629.0	5408137.6	3650.39990	258.37	130	48.826201	-86.936932	56050.63	56266.3	-16.30	56034.33	56033.06641	56055.22984	56053.29688	504629.0	5408137.6
L4630.0	504629.0	5408139.9	3650.50000	257.65	130	48.826221	-86.936932	56050.25	56266.3	-16.30	56033.95	56032.66406	56055.15470	56053.19531	504629.0	5408139.9
L4630.0	504629.0	5408141.6	3650.60010	258.17	130	48.826237	-86.936932	56049.97	56266.3	-16.30	56033.67	56032.35938	56055.07916	56053.09375	504629.0	5408141.6
L4630.0	504629.0	5408142.6	3650.69995	256.52	130	48.826246	-86.936932	56049.39	56266.3	-16.30	56033.09	56031.75781	56055.02996	56053.01953	504629.0	5408142.6
L4630.0	504629.0	5408143.8	3650.80005	256.79	130	48.826257	-86.936932	56049.23	56266.3	-16.30	56032.93	56031.57422	56054.95915	56052.92578	504629.0	5408143.8
L4630.0	504629.0	5408143.8	3650.89990	256.59	130	48.826257	-86.936932	56049.14	56266.3	-16.30	56032.84	56031.46484	56054.89011	56052.83594	504629.0	5408143.8
L4630.0	504629.0	5408145.5	3651.00000	256.76	130	48.826272	-86.936932	56049.06	56266.3	-16.30	56032.76	56031.36719	56054.82690	56052.75000	504629.0	5408145.5
L4630.0	504628.9	5408146.9	3651.10010	254.71	130	48.826285	-86.936932	56049.04	56266.3	-16.31	56032.73	56031.32031	56054.76691	56052.66797	504628.9	5408146.9
L4630.0	504628.9	5408148.1	3651.19995	251.30	130	48.826296	-86.936932	56048.94	56266.3	-16.31	56032.63	56031.20313	56054.71817	56052.60156	504628.9	5408148.1
L4630.0	504628.9	5408149.6	3651.30005	250.91	130	48.826310	-86.936933	56048.84	56266.3	-16.32	56032.52	56031.07813	56054.67675	56052.54297	504628.9	5408149.6
L4630.0	504628.9	5408149.6	3651.39990	250.39	130	48.826310	-86.936933	56049.48	56266.3	-16.32	56033.16	56031.70313	56054.59203	56052.44141	504628.9	5408149.6
L4630.0	504628.9	5408150.7	3651.50000	247.96	130	48.826319	-86.936933	56047.65	56266.3	-16.33	56031.32	56029.85156	56054.67939	56052.51172	504628.9	5408150.7
L4630.0	504628.9	5408152.5	3651.60010	247.47	130	48.826335	-86.936933	56048.10	56266.3	-16.34	56031.77	56030.28906	56054.62087	56052.43750	504628.9	5408152.5
L4630.0	504628.9	5408153.7	3651.69995	245.26	130	48.826346	-86.936933	56047.85	56266.3	-16.34	56031.51	56030.01953	56054.61652	56052.42188	504628.9	5408153.7
L4630.0	504628.9	5408155.1	3651.69995	245.26	130	48.826359	-86.936933	56047.97	56266.3	-16.34	56031.63	56030.12891	56054.59372	56052.38672	504628.9	5408155.1
L4630.0	504628.8	5408156.4	3651.80005	242.89	130	48.826371	-86.936934	56048.48	56266.3	-16.35	56032.13	56030.62109	56054.55252	56052.33594	504628.8	5408156.4
L4630.0	504628.8	5408156.4	3652.00000	242.15	130	48.826371	-86.936934	56048.08	56266.4	-16.36	56031.72	56030.20703	56054.57895	56052.35156	504628.8	5408156.4
L4630.0	504628.8	5408159.3	3652.10010	243.35	130	48.826396	-86.936934	56047.97	56266.4	-16.36	56031.61	56030.08984	56054.59239	56052.35547	504628.8	5408159.3
L4630.0	504628.8	5408159.3	3652.19995	240.22	130	48.826396	-86.936934	56048.40	56266.4	-16.36	56032.04	56030.51563	56054.57688	56052.33203	504628.8	5408159.3
L4630.0	504628.8	5408161.0	3652.30005	240.66	130	48.826411	-86.936934	56047.54	56266.4	-16.36	56031.18	56029.65234	56054.65447	56052.40234	504628.8	5408161.0
L4630.0	504628.8	5408161.0	3652.39990	239.24	130	48.826411	-86.936934	56048.10	56266.4	-16.36	56031.74	56030.21094	56054.64452	56052.38672	504628.8	5408161.0
L4630.0	504628.8	5408162.4	3652.50000	240.41	130	48.826424	-86.936935	56048.56	56266.4	-16.37	56032.19	56030.66016	56054.64908	56052.39063	504628.8	5408162.4
L4630.0	504628.7	5408163.8	3652.60010	240.36	130	48.826437	-86.936935	56047.88	56266.4	-16.37	56031.51	56029.97656	56054.73618	56052.47266	504628.7	5408163.8
L4630.0	504628.7	5408165.5	3652.69995	244.30	130	48.826453	-86.936935	56048.02	56266.4	-16.37	56031.66	56030.12891	56054.77520	56052.51172	504628.7	5408165.5
L4630.0	504628.7	5408165.5	3652.80005	246.71	130	48.826453	-86.936935	56048.36	56266.4	-16.37	56031.99	56030.46094	56054.80950	56052.54688	504628.7	5408165.5
L4630.0	504628.7	5408167.2	3652.89990	248.23	130	48.826467	-86.936935	56048.25	56266.4	-16.37	56031.89	56030.36328	56054.87978	56052.61719	504628.7	5408167.2
L4630.0	504628.7	5408168.6	3653.00000	248.19	130	48.826480	-86.936935	56048.20	56266.4	-16.37	56031.83	56030.30859	56054.95475	56052.69141	504628.7	5408168.6
L4630.0	504628.7	5408170.7	3653.10010	250.27	130	48.826499	-86.936936	56048.56	56266.4	-16.38	56032.18	56030.66016	56055.00978	56052.75000	504628.7	5408170.7
L4630.0	504628.7	5408170.7	3653.19995	251.43	130	48.826499	-86.936936	56048.58	56266.4	-16.38	56032.20	56030.68750	56055.09424	56052.83984	504628.7	5408170.7
L4630.0	504628.7	5408172.0	3653.30005	255.88	130	48.826510	-86.936936	56048.15	56266.4	-16.39	56031.77	56030.26563	56055.21615	56052.96875	504628.7	5408172.0
L4630.0	504628.7	5408173.4	3653.39990	257.59	130	48.826523	-86.936936	56049.12	56266.4	-16.39	56032.73	56031.23047	56055.25289	56053.01172	504628.7	5408173.4
L4630.0	504628.6	5408174.6	3653.50000	259.83	130	48.826534	-86.936936	56049.21	56266.4	-16.40	56032.82	56031.32813	56055.35516	56053.12109	504628.6	5408174.6
L4630.0	504628.6	5408176.2	3653.60010	261.13	130	48.826549	-86.936936	56048.43	56266.4	-16.40	56032.03	56030.54688	56055.52366	56053.30078	504628.6	5408176.2
L4630.0	504628.6	5408176.2	3653.69995	260.84	130	48.826549	-86.936936	56049.09	56266.4	-16.40	56032.68	56031.20703	56055.60375	56053.39063	504628.6	5408176.2
L4630.0	504628.6	5408178.1	3653.69995	260.84	130	48.826566	-86.936937	56048.96	56266.4	-16.40	56032.56	56031.09766	56055.74280	56053.53906	504628.6	5408178.1
L4630.0	504628.6	5408179.3	3653.80005	257.75	130	48.826576	-86.936937	56049.79	56266.4	-16.41	56033.38	56031.92969	56055.82684	56053.63672	504628.6	5408179.3
L4630.0	504628.6	5408179.3	3654.00000	248.90	130	48.826576	-86.936937	56049.29	56266.4	-16.42	56032.87	56031.42969	56056.00723	56053.83203	504628.6	5408179.3
L4630.0	504628.6	5408181.1	3654.10010	243.72	130	48.826592	-86.936937	56049.67	56266.4	-16.42	56033.25	56031.82422	56056.13601	56053.97266	504628.6	5408181.1
L4630.0	504628.5	5408182.4	3654.19995	241.03	130	48.826604	-86.936937	56049.99	56266.4	-16.43	56033.56	56032.14844	56056.27721	56054.13281	504628.5	5408182.4
L4630.0	504628.5	5408183.8	3654.30005	241.79	130	48.826617	-86.936938	56049.77	56266.4	-16.43	56033.34	56031.94141	56056.46153	56054.33203	504628.5	5408183.8
L4630.0	504628.5	5408185.2	3654.39990	242.89	130	48.826629	-86.936938	56050.07	56266.4	-16.44	56033.64	56032.25781	56056.61898	56054.50781	504628.5	5408185.2
L4630.0	504628.5	5408186.4	3654.50000	244.93	130	48.826640	-86.936938	56049.21	56266.4	-16.44	56032.77	56031.40234	56056.86226	56054.76953	504628.5	5408186.4
L4630.0	504628.5	5408187.4	3654.60010	244.58	130	48.826649	-86.936938	56050.32	56266.4	-16.44	56033.88	56032.52734	56056.98141	56054.91016	504628.5	5408187.4
L4630.0	504628.5	5408187.4	3654.69995	244.70	130	48.826649	-86.936938	56051.52	56266.4	-16.45	56035.07	56033.73438	56057.10311	56055.05078	504628.5	5408187.4

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4630.0	504628.5	5408189.3	3654.80005	242.43	130	48.826666	-86.936938	56050.38	56266.5	-16.45	56033.93	56032.60938	56057.38805	56055.35938	504628.5	5408189.3
L4630.0	504628.5	5408190.7	3654.89990	244.63	130	48.826678	-86.936938	56051.46	56266.5	-16.46	56035.01	56033.70703	56057.53292	56055.52734	504628.5	5408190.7
L4630.0	504628.5	5408192.3	3655.00000	245.00	130	48.826693	-86.936938	56050.96	56266.5	-16.46	56034.50	56033.21484	56057.79174	56055.81250	504628.5	5408192.3
L4630.0	504628.5	5408193.8	3655.10010	245.46	130	48.826706	-86.936938	56051.92	56266.5	-16.47	56035.45	56034.18359	56057.96119	56056.00391	504628.5	5408193.8
L4630.0	504628.5	5408193.8	3655.19995	246.64	130	48.826706	-86.936938	56052.09	56266.5	-16.47	56035.62	56034.37109	56058.19063	56056.26172	504628.5	5408193.8
L4630.0	504628.5	5408195.3	3655.30005	248.21	130	48.826721	-86.936938	56052.68	56266.5	-16.48	56036.21	56034.98047	56058.40007	56056.49609	504628.5	5408195.3
L4630.0	504628.5	5408196.8	3655.39990	248.24	130	48.826733	-86.936938	56052.36	56266.5	-16.48	56035.87	56034.66016	56058.67953	56056.80469	504628.5	5408196.8
L4630.0	504628.5	5408198.2	3655.50000	247.34	130	48.826746	-86.936938	56052.83	56266.5	-16.49	56036.34	56035.14844	56058.91301	56057.06641	504628.5	5408198.2
L4630.0	504628.5	5408198.2	3655.60010	247.07	130	48.826746	-86.936938	56053.52	56266.5	-16.50	56037.02	56035.85156	56059.14052	56057.32422	504628.5	5408198.2
L4630.0	504628.5	5408199.9	3655.69995	248.43	130	48.826761	-86.936938	56053.44	56266.5	-16.50	56036.94	56035.78906	56059.42674	56057.64063	504628.5	5408199.9
L4630.0	504628.5	5408201.3	3655.69995	248.43	130	48.826774	-86.936938	56054.20	56266.5	-16.50	56037.70	56036.57031	56059.66500	56057.91016	504628.5	5408201.3
L4630.0	504628.5	5408202.6	3655.80005	245.18	130	48.826786	-86.936938	56054.25	56266.5	-16.51	56037.74	56036.63281	56059.95930	56058.23828	504628.5	5408202.6
L4630.0	504628.5	5408202.6	3656.00000	249.85	130	48.826786	-86.936938	56054.63	56266.5	-16.52	56038.11	56037.02344	56060.23965	56058.55078	504628.5	5408202.6
L4630.0	504628.5	5408204.1	3656.10010	250.94	130	48.826799	-86.936938	56055.82	56266.5	-16.52	56039.29	56038.22656	56060.47403	56058.81641	504628.5	5408204.1
L4630.0	504628.5	5408205.8	3656.19995	250.52	130	48.826814	-86.936938	56055.56	56266.5	-16.53	56039.03	56037.98828	56060.81245	56059.19141	504628.5	5408205.8
L4630.0	504628.5	5408207.1	3656.30005	249.58	130	48.826827	-86.936938	56056.12	56266.5	-16.53	56039.59	56038.57031	56061.10422	56059.51953	504628.5	5408207.1
L4630.0	504628.5	5408208.6	3656.39990	247.93	130	48.826839	-86.936938	56056.42	56266.5	-16.54	56039.88	56038.87891	56061.42200	56059.87109	504628.5	5408208.6
L4630.0	504628.5	5408210.0	3656.50000	247.57	130	48.826852	-86.936938	56056.90	56266.5	-16.54	56040.36	56039.38281	56061.73511	56060.22266	504628.5	5408210.0
L4630.0	504628.5	5408210.0	3656.60010	246.13	130	48.826852	-86.936938	56057.82	56266.5	-16.55	56041.27	56040.31250	56062.02754	56060.55078	504628.5	5408210.0
L4630.0	504628.5	5408211.7	3656.69995	246.37	130	48.826868	-86.936938	56058.17	56266.6	-16.56	56041.62	56040.68750	56062.36525	56060.92578	504628.5	5408211.7
L4630.0	504628.5	5408212.9	3656.80005	246.70	130	48.826878	-86.936937	56058.90	56266.6	-16.56	56042.34	56041.42969	56062.68623	56061.28516	504628.5	5408212.9
L4630.0	504628.5	5408214.2	3656.89990	249.35	130	48.826890	-86.936937	56058.68	56266.6	-16.57	56042.11	56041.22266	56063.07845	56061.71875	504628.5	5408214.2
L4630.0	504628.5	5408215.9	3657.00000	251.61	130	48.826905	-86.936937	56060.09	56266.6	-16.57	56043.52	56042.65234	56063.36921	56062.04688	504628.5	5408215.9
L4630.0	504628.5	5408215.9	3657.10010	252.93	130	48.826905	-86.936937	56059.79	56266.6	-16.58	56043.21	56042.36719	56063.78247	56062.50000	504628.5	5408215.9
L4630.0	504628.5	5408217.4	3657.19995	253.39	130	48.826919	-86.936937	56061.31	56266.6	-16.58	56044.72	56043.89844	56064.08220	56062.83984	504628.5	5408217.4
L4630.0	504628.6	5408219.0	3657.30005	253.87	130	48.826934	-86.936937	56060.70	56266.6	-16.59	56044.11	56043.31250	56064.53103	56063.33203	504628.6	5408219.0
L4630.0	504628.6	5408220.3	3657.39990	256.63	130	48.826945	-86.936937	56061.18	56266.6	-16.60	56044.58	56043.80469	56064.91556	56063.75781	504628.6	5408220.3
L4630.0	504628.6	5408220.3	3657.50000	255.49	130	48.826945	-86.936937	56063.31	56266.6	-16.60	56046.70	56045.94531	56065.19777	56064.08203	504628.6	5408220.3
L4630.0	504628.6	5408221.8	3657.60010	249.31	130	48.826959	-86.936936	56062.99	56266.6	-16.61	56046.38	56045.64844	56065.65025	56064.57813	504628.6	5408221.8
L4630.0	504628.6	5408223.2	3657.69995	249.87	130	48.826971	-86.936936	56064.49	56266.6	-16.62	56047.87	56047.16016	56065.98962	56064.95703	504628.6	5408223.2
L4630.0	504628.6	5408224.5	3657.69995	249.87	130	48.826983	-86.936936	56064.72	56266.6	-16.62	56048.10	56047.41016	56066.42049	56065.43359	504628.6	5408224.5
L4630.0	504628.6	5408226.3	3657.80005	247.98	130	48.826999	-86.936936	56065.05	56266.6	-16.63	56048.42	56047.75391	56066.85279	56065.91016	504628.6	5408226.3
L4630.0	504628.7	5408227.4	3658.00000	239.53	130	48.827009	-86.936935	56065.06	56266.6	-16.64	56048.42	56047.77344	56067.31378	56066.41406	504628.7	5408227.4
L4630.0	504628.7	5408227.4	3658.10010	238.25	130	48.827009	-86.936935	56066.56	56266.6	-16.64	56049.92	56049.29688	56067.68207	56066.82813	504628.7	5408227.4
L4630.0	504628.7	5408228.8	3658.19995	236.65	130	48.827022	-86.936935	56067.48	56266.6	-16.64	56050.83	56050.22656	56068.09689	56067.28516	504628.7	5408228.8
L4630.0	504628.7	5408230.2	3658.30005	230.43	130	48.827034	-86.936935	56068.23	56266.6	-16.65	56051.59	56051.00781	56068.52885	56067.76172	504628.7	5408230.2
L4630.0	504628.7	5408231.4	3658.39990	230.19	130	48.827045	-86.936935	56068.87	56266.6	-16.65	56052.22	56051.66016	56068.97652	56068.25391	504628.7	5408231.4
L4630.0	504628.7	5408232.6	3658.50000	237.05	130	48.827056	-86.936935	56069.85	56266.7	-16.65	56053.20	56052.66016	56069.40781	56068.73047	504628.7	5408232.6
L4630.0	504628.7	5408233.6	3658.60010	240.34	130	48.827065	-86.936935	56070.32	56266.7	-16.65	56053.66	56053.14063	56069.88063	56069.25000	504628.7	5408233.6
L4630.0	504628.7	5408235.1	3658.69995	242.49	130	48.827078	-86.936934	56070.59	56266.7	-16.65	56053.93	56053.42969	56070.37288	56069.78906	504628.7	5408235.1
L4630.0	504628.8	5408236.3	3658.80005	243.47	130	48.827090	-86.936934	56071.88	56266.7	-16.66	56055.22	56054.74219	56070.80380	56070.26563	504628.8	5408236.3
L4630.0	504628.8	5408236.3	3658.89990	245.07	130	48.827090	-86.936934	56072.64	56266.7	-16.66	56055.98	56055.52344	56071.27660	56070.78516	504628.8	5408236.3
L4630.0	504628.8	5408238.1	3659.00000	243.51	130	48.827105	-86.936934	56073.68	56266.7	-16.66	56057.02	56056.58203	56071.73719	56071.29297	504628.8	5408238.1
L4630.0	504628.8	5408239.9	3659.10010	245.53	130	48.827121	-86.936933	56075.12	56266.7	-16.67	56058.46	56058.03906	56072.17745	56071.77734	504628.8	5408239.9
L4630.0	504628.8	5408239.9	3659.19995	246.45	130	48.827121	-86.936933	56075.52	56266.7	-16.67	56058.85	56058.44922	56072.69393	56072.33984	504628.8	5408239.9
L4630.0	504628.8	5408241.4	3659.30005	245.87	130	48.827135	-86.936933	56076.38	56266.7	-16.68	56059.70	56059.31641	56073.18584	56072.87891	504628.8	5408241.4
L4630.0	504628.9	5408244.1	3659.39990	246.73	130	48.827159	-86.936932	56077.14	56266.7	-16.68	56060.46	56060.09766	56073.68973	56073.42969	504628.9	5408244.1
L4630.0	504628.9	5408244.1	3659.50000	250.46	130	48.827159	-86.936932	56078.25	56266.7	-16.68	56061.57	56061.22266	56074.17613	56073.96094	504628.9	5408244.1
L4630.0	504628.9	5408245.9	3659.60010	253.42	130	48.827175	-86.936932	56080.18	56266.7	-16.69	56063.49	56063.16016	56074.61426	56074.44922	504628.9	5408245.9
L4630.0	504628.9	5408247.3	3659.69995	250.74	130	48.827188	-86.936932	56079.72	56266.7	-16.69	56063.02	56062.71094	56075.21731	56075.09766	504628.9	5408247.3
L4630.0	504628.9	5408247.3	3659.69995	250.74	130	48.827188	-86.936932	56079.85	56266.7	-16.69	56063.15	56062.85547	56075.78581	56075.71094	504628.9	5408247.3
L4630.0	504628.9	5408248.9	3659.80005	246.35	130	48.827202	-86.936931	56082.02	56266.7	-16.70	56065.32	56065.04297	56076.22363	56076.19922	504628.9	5408248.9
L4630.0	504628.9	5408250.2	3660.00000	234.15	130	48.827214	-86.936931	56083.52	56266.7	-16.71	56066.81	56066.55078	56076.71196	56076.73438	504628.9	5408250.2
L4630.0	504628.9	5408251.7	3660.10010	230.91	130	48.827227	-86.936931	56084.13	56266.7	-16.72	56067.41	56067.16406	56077.26466	56077.33203	504628.9	5408251.7
L4630.0	504628.9	5408253.0	3660.19995	234.17	130	48.827239	-86.936931	56085.00	56266.7	-16.72	56068.28	56068.05078	56077.80425	56077.91797	504628.9	5408253.0
L4630.0	504628.9	5408253.0	3660.30005	238.50	130	48.827239	-86.936931	56086.42	56266.7	-16.73	56069.69	56069.47656	56078.31258	56078.47266	504628.9	5408253.0
L4630.0	504628.9	5408254.4	3660.39990	241.70	130	48.827252	-86.936932	56086.72	56266.7	-16.73	56069.99	56069.78906	56078.89950	56079.10547	504628.9	5408254.4
L4630.0	504628.9	5408256.0	3660.50000	244.51	130	48.827266	-86.936932	56088.17	56266.7	-16.74	56071.43	56071.24609	56079.41488	56079.66797	504628.9	5408256.0
L4630.0	504628.9	5408257.2	3660.60010	243.29	130	48.827277	-86.936932	56089.34	56266.7	-16.75	56072.59	56072.41797	56079.95321	56080.25391	504628.9	5408257.2
L4630.0	504628.9	5408258.6	3660.69995	245.34	130	48.827290	-86.936932	56089.64	56266.8	-16.75	56072.89	56072.73438	56080.55302	56080.89844	504628.9	5408258.6
L4630.0	504628.9	5408258.6	3660.80005	247.25	130	48.827290	-86.936932	56091.00	56266.8	-16.76	56074.24	56074.09766	56081.08682	56081.48047	504628.9	5408258.6
L4630.0	504628.9	5408260.5	3660.89990	251.18	130	48.827307	-86.936932	56091.76	56266.8	-16.76	56074.99	56074.85938	56081.66445	56082.10156	504628.9	5408260.5
L4630.0	504628.8	5408262.2	3661.00000	254.35	130	48.827322	-86.936932	56092.88	56266.8	-16.77	56076.11	56075.99219	56082.22109	56082.70313	504628.8	5408262.2
L4630.0	504628.8	5408262.2	3661.10010	256.01	130	48.827322	-86.936932	56094.36	56266.8	-16.77	56077.58	56077.47266	56082.75792	56083.28906	504628.8	5408262.2
L4630.0	504628.8	5408264.3	3661.19995	255.65	130	48.827341	-86.936933	56095.28	56266.8	-16.78	56078.50	56078.40625	56083.33479	56083.91016	504628.8	5408264.3
L4630.0	504628.8	5408265.5	3661.30005	253.58	130	48.827352	-86.936933	56096.34	56266.8	-16.78	56079.56	56079.47656	56083.90553	56084.52734	504628.8	5408265.5
L4630.0	504628.8	5408266.9	3661.39990	252.60	130	48.827364	-86.936933	56097.45	56266.8	-16.79	56080.67	56080.59766	56084.47598	56085.14063	504628.8	5408266.9
L4630.0	504628.8	5408268.4	3661.50000	251.23	130	48.827377	-86.936933	56098.32	56266.8	-16.79	56081.53	56081.46875	56085.06599	56085.77734	504628.8	5408268.4
L4630.0	504628.8	5408268.4	3661.60010	250.27	130	48.827377	-86.936933	56099.57	56266.8	-16.79	56082.78	56082.73047	56085.63274	56086.38672	504628.8	5408268.4
L4630.0	504628.8	5408270.0	3661.69995	247.79	130	48.827392	-86.936933	56100.23	56266.8	-16.80	56083.44	56083.39844	56086.24140	56087.04297	504628.8	5408270.0
L4630.0	504628.8	5408271.7	3661.69995	247.79	130	48.827408	-86.936933	56101.98	56266.8	-16.80	56085.18	56085.14844	56086.78048	56087.62500	504628.8	5408271.7
L4630.0	504628.8	5408271.7	3661.80005	251.38	130	48.827408	-86.936933	56102.58	56266.8	-16.80	56085.78	56085.75781	56087.39782	56088.28516	504628.8	5408271.7
L4630.0	504628.8	5408273.1	3662.00000	252.91	130	48.827420	-86.936933	56103.90	56266.8	-16.81	56087.09	56087.07422	56087.96994	56088.90234	504628.8	5408273.1
L4630.0	504628.8	5408274.5	3662.10010	252.52	130	48.827432	-86.936934	56105.46	56266.8	-16.82	56088.65	56088.64453	56088.52734	56089.50391	504628.8	5408274.5
L4630.0	504628.7	5408275.9	3662.19995	254.53	130	48.827445	-86.936934	56105.75	56266.8	-16.82	56088.92	56088.92188	56089.17253	56090.19141	504628.7	5408275.9
L4630.0	504628.7	5408277.0	3662.30005	256.82	130	48.827455	-86.936934	56107.35	56266.8	-16.83	56090.52	56090.53125	56089.73070	56090.79297	504628.7	5408277.0
L4630.0	504628.7	5408278.3	3662.39990	261.72	130	48.827467	-86.936934	56108.45	56266.8	-16.83	56091.62	56091.63672	56090.32369	56091.42969	504628.7	5408278.3
L4630.0	504628.7	5408279.6	3662.50000	265.59	130	48.827479	-86.936934	56109.36	56266.8	-16.84	56092.52	56092.54297	56090.93135	56092.08203	504628.7	5408279.6
L4630.0	504628.7	5408281.3	3662.60010	265.50	130	48.827494	-86.936934	56110.56	56266.8	-16.85	56093.71	56093.73828	56091.52085	56092.71094	504628.7	5408281.3
L4630.0	504628.7	5408281.3	3662.69995	265.25	130	48.827494	-86.936934	56110.98	56266.9	-16.85	56094.13	56094.16797	56092.16273	56093.39844	504628.7	5408281.3
L4630.0	504628.7	5408282.5	3662.80005	263.74	130	48.827505	-86.936935	56111.95	56266.9	-16.86	56095.09	56095.13281	56092.76948	56094.04688	504628.7	5408282.5
L4630.0	504628.7	5408284.2	3662.89990	257.94	130	48.827520	-86.936935	56112.85	56266.9	-16.86	56095.99	56096.03516	56093.38097	56094.69922	504628.7	5408284.2
L4630.0	504628.7	5408285.6	3663.00000	252.74	130	48.827533	-86.936935	56114.12	56266.9	-16.87	56097.25	56097.30078	56093.96905	56095.32813	504628.7	5408285.6
L4630.0	504628.7	5408285.6	3663.10010	247.92	130	48.827533	-86.936935	56115.54	56266.9	-16.88	56098.66	56098.71484	56094.54757	56095.94922	504628.7	5408285.6
L4630.0	504628.7	5408287.4	3663.19995	242.75	130	48.827549	-86.936935	56116.68	56266.9	-16.88	56099.80	56099.85938	56095.14438	56096.58594	504628.7	5408287.4
L4630.0	504628.7	5408289.0	3663.30005	237.07	130	48.827563	-86.936935	56117.62	56266.9	-16.89	56100.73	56100.79297	56095.75535	56097.23828	504628.7	5408289.0
L4630.0	504628.7	5408289.0	3663.39990	233.08	130	48.827563	-86.936935	56118.70	56266.9	-16.89	56101.81	56101.87891	56096.35633	56097.87891	504628.7	5408289.0
L4630.0	504628.7	5408290.5	3663.50000	232.18	130	48.827577	-86.936935	56119.36	56266.9	-16.90	56102.47	56102.53906	56096.98518	56098.55078	504628.7	5408290.5
L4630.0	504628.7	5408292.0	3663.60010	234.25	130	48.827590	-86.936935	56121.45	56266.9	-16.90	56104.55	56104.62500	56097.51910	56099.12500	504628.7	5408292.0
L4630.0	504628.7	5408293.4	3663.69995	233.34	130	48.827603	-86.936934	56122.64	56266.9	-16.90	56105.74	56105.81641	56098.11194	56099.75781	504628.7	5408293.4
L4630.0	504628.7	5408295.1	3663.69995	233.34	130	48.827618	-86.936934	56122.09	56266.9	-16.90	56105.19	56105.26953	56098.82025	56100.50391	504628.7	5408295.1
L4630.0	504628.7	5408295.1	3663.80005	232.35	130	48.827618	-86.936934	56123.81	56266.9	-16.91	56106.90	56106.98047	56099.37722	56101.10156	504628.7	5408295.1
L4630.0	504628.7	5408296.5	3664.00000	233.26	130	48.827630	-86.936934	56125.07	56266.9	-16.92	56108.15	56108.23047	56099.96405	56101.72656	504628.7	5408296.5

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4630.0	504628.7	5408297.6	3664.10010	233.30	130	48.827640	-86.936934	56126.54	56266.9	-16.93	56109.62	56109.70313	56100.53528	56102.33594	504628.7	5408297.6
L4630.0	504628.7	5408299.0	3664.19995	234.25	130	48.827653	-86.936934	56127.25	56266.9	-16.93	56110.32	56110.40234	56101.15679	56102.99609	504628.7	5408299.0
L4630.0	504628.7	5408300.5	3664.30005	236.64	130	48.827666	-86.936934	56128.28	56266.9	-16.94	56111.34	56111.42578	56101.75578	56103.63281	504628.7	5408300.5
L4630.0	504628.7	5408300.5	3664.39990	240.94	130	48.827666	-86.936934	56129.59	56266.9	-16.94	56112.65	56112.73438	56102.33413	56104.25000	504628.7	5408300.5
L4630.0	504628.7	5408302.1	3664.50000	245.45	130	48.827681	-86.936934	56129.96	56266.9	-16.95	56113.01	56113.09375	56102.97439	56104.92969	504628.7	5408302.1
L4630.0	504628.7	5408305.1	3664.60010	247.97	130	48.827708	-86.936934	56131.90	56267	-16.96	56114.95	56115.03125	56103.50778	56105.50000	504628.7	5408305.1
L4630.0	504628.7	5408305.1	3664.69995	248.49	130	48.827708	-86.936934	56131.78	56267	-16.96	56114.82	56114.90234	56104.17751	56106.20703	504628.7	5408305.1
L4630.0	504628.7	5408306.2	3664.80005	250.13	130	48.827718	-86.936933	56133.46	56267	-16.97	56116.50	56116.58203	56104.72482	56106.79297	504628.7	5408306.2
L4630.0	504628.7	5408308.1	3664.89990	251.79	130	48.827735	-86.936933	56133.90	56267	-16.97	56116.92	56117.00000	56105.35425	56107.45703	504628.7	5408308.1
L4630.0	504628.7	5408308.1	3665.00000	252.10	130	48.827735	-86.936933	56135.75	56267	-16.98	56118.77	56118.84766	56105.88637	56108.02734	504628.7	5408308.1
L4630.0	504628.8	5408309.6	3665.10010	257.10	130	48.827749	-86.936933	56136.93	56267	-16.99	56119.95	56120.02734	56106.46108	56108.64063	504628.8	5408309.6
L4630.0	504628.8	5408311.3	3665.19995	259.84	130	48.827764	-86.936933	56136.56	56267	-16.99	56119.56	56119.63281	56107.13827	56109.35156	504628.8	5408311.3
L4630.0	504628.8	5408312.7	3665.30005	263.91	130	48.827777	-86.936933	56138.52	56267	-17.00	56121.53	56121.60156	56107.65586	56109.90625	504628.8	5408312.7
L4630.0	504628.8	5408312.7	3665.39990	263.87	130	48.827777	-86.936933	56138.54	56267	-17.00	56121.53	56121.60156	56108.30242	56110.58984	504628.8	5408312.7
L4630.0	504628.8	5408314.4	3665.50000	264.50	130	48.827791	-86.936933	56139.62	56267	-17.01	56122.61	56122.67578	56108.87451	56111.19531	504628.8	5408314.4
L4630.0	504628.8	5408315.6	3665.60010	264.03	130	48.827802	-86.936933	56140.71	56267	-17.02	56123.69	56123.75391	56109.44407	56111.80078	504628.8	5408315.6
L4630.0	504628.8	5408317.0	3665.69995	260.94	130	48.827815	-86.936932	56141.86	56267	-17.02	56124.84	56124.89844	56110.00633	56112.39844	504628.8	5408317.0
L4630.0	504628.8	5408318.5	3665.69995	260.94	130	48.827828	-86.936932	56143.46	56267	-17.02	56126.44	56126.49609	56110.53588	56112.96484	504628.8	5408318.5
L4630.0	504628.8	5408318.5	3665.80005	258.01	130	48.827828	-86.936932	56143.08	56267	-17.03	56126.05	56126.10156	56111.19531	56113.65625	504628.8	5408318.5
L4630.0	504628.8	5408320.1	3666.00000	254.80	130	48.827843	-86.936932	56144.68	56267	-17.04	56127.64	56127.68750	56111.71988	56114.21484	504628.8	5408320.1
L4630.0	504628.8	5408321.3	3666.10010	254.04	130	48.827854	-86.936932	56146.17	56267	-17.05	56129.12	56129.16406	56112.24886	56114.78125	504628.8	5408321.3
L4630.0	504628.8	5408322.8	3666.19995	248.86	130	48.827867	-86.936932	56146.78	56267.1	-17.06	56129.72	56129.75781	56112.83350	56115.39844	504628.8	5408322.8
L4630.0	504628.8	5408324.2	3666.30005	243.24	130	48.827880	-86.936932	56147.13	56267.1	-17.06	56130.06	56130.09375	56113.43240	56116.03125	504628.8	5408324.2
L4630.0	504628.8	5408325.9	3666.39990	239.21	130	48.827895	-86.936933	56147.44	56267.1	-17.07	56130.37	56130.39844	56114.03017	56116.66406	504628.8	5408325.9
L4630.0	504628.8	5408325.9	3666.50000	236.68	130	48.827895	-86.936933	56149.59	56267.1	-17.08	56132.51	56132.53516	56114.50275	56117.16797	504628.8	5408325.9
L4630.0	504628.8	5408327.3	3666.60010	232.90	130	48.827908	-86.936933	56149.61	56267.1	-17.09	56132.52	56132.53906	56115.11407	56117.81250	504628.8	5408327.3
L4630.0	504628.8	5408328.7	3666.69995	230.91	130	48.827921	-86.936933	56151.13	56267.1	-17.10	56134.03	56134.04297	56115.62209	56118.35547	504628.8	5408328.7
L4630.0	504628.8	5408330.4	3666.80005	230.41	130	48.827936	-86.936933	56150.82	56267.1	-17.10	56133.72	56133.72656	56116.24808	56119.01563	504628.8	5408330.4
L4630.0	504628.8	5408330.4	3666.89990	230.00	130	48.827936	-86.936933	56151.54	56267.1	-17.11	56134.43	56134.42969	56116.80266	56119.60156	504628.8	5408330.4
L4630.0	504628.8	5408331.8	3667.00000	231.34	130	48.827948	-86.936933	56152.71	56267.1	-17.12	56135.59	56135.58594	56117.32378	56120.15625	504628.8	5408331.8
L4630.0	504628.8	5408333.1	3667.10010	234.08	130	48.827959	-86.936933	56153.66	56267.1	-17.13	56136.53	56136.51953	56117.85605	56120.71875	504628.8	5408333.1
L4630.0	504628.7	5408334.5	3667.19995	237.81	130	48.827972	-86.936933	56155.20	56267.1	-17.13	56138.07	56138.05078	56118.34477	56121.23828	504628.7	5408334.5
L4630.0	504628.7	5408335.9	3667.30005	239.54	130	48.827985	-86.936933	56155.20	56267.1	-17.14	56138.06	56138.03516	56118.93323	56121.85938	504628.7	5408335.9
L4630.0	504628.7	5408337.3	3667.39990	242.80	130	48.827998	-86.936933	56156.34	56267.1	-17.15	56139.19	56139.15625	56119.44205	56122.40234	504628.7	5408337.3
L4630.0	504628.7	5408337.3	3667.50000	244.42	130	48.827998	-86.936933	56157.20	56267.2	-17.15	56140.04	56140.00000	56119.96586	56122.95703	504628.7	5408337.3
L4630.0	504628.7	5408339.0	3667.60010	243.82	130	48.828013	-86.936933	56157.84	56267.2	-17.16	56140.67	56140.62109	56120.50063	56123.52344	504628.7	5408339.0
L4630.0	504628.8	5408340.2	3667.69995	242.84	130	48.828023	-86.936933	56158.58	56267.2	-17.17	56141.41	56141.35547	56121.02431	56124.07813	504628.8	5408340.2
L4630.0	504628.8	5408341.6	3667.69995	242.84	130	48.828036	-86.936933	56158.90	56267.2	-17.17	56141.73	56141.66797	56121.57222	56124.65625	504628.8	5408341.6
L4630.0	504628.8	5408343.3	3667.80005	240.14	130	48.828051	-86.936932	56160.23	56267.2	-17.18	56143.06	56142.98828	56122.04898	56125.16406	504628.8	5408343.3
L4630.0	504628.8	5408343.3	3668.00000	234.71	130	48.828051	-86.936932	56161.24	56267.2	-17.19	56144.05	56143.97266	56122.54456	56125.68750	504628.8	5408343.3
L4630.0	504628.8	5408345.2	3668.10010	235.82	130	48.828069	-86.936932	56162.06	56267.2	-17.20	56144.87	56144.78516	56123.04761	56126.22266	504628.8	5408345.2
L4630.0	504628.8	5408346.6	3668.19995	240.05	130	48.828082	-86.936932	56161.44	56267.2	-17.20	56144.23	56144.13672	56123.64409	56126.84766	504628.8	5408346.6
L4630.0	504628.8	5408346.6	3668.30005	241.45	130	48.828082	-86.936932	56162.48	56267.2	-17.21	56145.27	56145.16797	56124.12466	56127.35938	504628.8	5408346.6
L4630.0	504628.8	5408347.8	3668.39990	244.00	130	48.828092	-86.936932	56164.18	56267.2	-17.22	56146.97	56146.85938	56124.55728	56127.82031	504628.8	5408347.8
L4630.0	504628.8	5408349.5	3668.50000	247.47	130	48.828107	-86.936932	56164.88	56267.2	-17.23	56147.66	56147.53906	56125.05327	56128.34766	504628.8	5408349.5
L4630.0	504628.8	5408350.8	3668.60010	249.45	130	48.828119	-86.936932	56165.59	56267.2	-17.23	56148.36	56148.23047	56125.54460	56128.86719	504628.8	5408350.8
L4630.0	504628.8	5408352.6	3668.69995	252.74	130	48.828135	-86.936932	56165.77	56267.2	-17.24	56148.53	56148.39063	56126.06727	56129.41797	504628.8	5408352.6
L4630.0	504628.8	5408354.4	3668.80005	254.07	130	48.828152	-86.936932	56166.31	56267.2	-17.25	56149.06	56148.91406	56126.56192	56129.94141	504628.8	5408354.4
L4630.0	504628.8	5408354.4	3668.89990	254.04	130	48.828152	-86.936932	56166.82	56267.3	-17.25	56149.56	56149.40234	56127.05454	56130.46484	504628.8	5408354.4
L4630.0	504628.8	5408354.4	3669.00000	256.03	130	48.828152	-86.936932	56168.56	56267.3	-17.26	56151.29	56151.12500	56127.46110	56130.89844	504628.8	5408354.4
L4630.0	504628.8	5408358.2	3669.10010	259.03	130	48.828186	-86.936933	56167.36	56267.3	-17.26	56150.09	56149.91406	56128.05893	56131.52344	504628.8	5408358.2
L4630.0	504628.8	5408358.2	3669.19995	261.02	130	48.828186	-86.936933	56168.40	56267.3	-17.27	56151.13	56150.94531	56128.50336	56131.99609	504628.8	5408358.2
L4630.0	504628.7	5408359.5	3669.30005	260.82	130	48.828197	-86.936933	56169.57	56267.3	-17.28	56152.29	56152.09375	56128.93570	56132.45703	504628.7	5408359.5
L4630.0	504628.7	5408361.4	3669.39990	257.95	130	48.828215	-86.936933	56170.60	56267.3	-17.28	56153.32	56153.11328	56129.37261	56132.92188	504628.7	5408361.4
L4630.0	504628.7	5408361.4	3669.50000	256.12	130	48.828215	-86.936933	56171.39	56267.3	-17.29	56154.10	56153.88672	56129.82208	56133.39844	504628.7	5408361.4
L4630.0	504628.7	5408363.1	3669.60010	255.18	130	48.828230	-86.936933	56171.34	56267.3	-17.29	56154.05	56153.82422	56130.32277	56133.92578	504628.7	5408363.1
L4630.0	504628.7	5408364.6	3669.69995	253.63	130	48.828243	-86.936933	56172.73	56267.3	-17.29	56155.44	56155.20703	56130.72335	56134.35156	504628.7	5408364.6
L4630.0	504628.7	5408366.3	3669.69995	253.63	130	48.828258	-86.936933	56173.33	56267.3	-17.29	56156.04	56155.79688	56131.17247	56134.82813	504628.7	5408366.3
L4630.0	504628.7	5408366.3	3669.80005	253.88	109.84	48.828258	-86.936933	56172.76	56267.3	-17.30	56155.46	56155.20313	56131.69612	56135.37891	504628.7	5408366.3
L4630.0	504628.7	5408368.0	3670.00000	250.43	109.84	48.828274	-86.936933	56173.89	56267.3	-17.31	56156.58	56156.31250	56132.10232	56135.80859	504628.7	5408368.0
L4630.0	504628.7	5408369.6	3670.10010	254.21	90.02	48.828289	-86.936933	56174.47	56267.3	-17.32	56157.15	56156.87500	56132.54104	56136.27344	504628.7	5408369.6
L4630.0	504628.7	5408369.6	3670.19995	256.70	90.02	48.828289	-86.936933	56175.38	56267.3	-17.33	56158.05	56157.76172	56132.95363	56136.71484	504628.7	5408369.6
L4630.0	504628.7	5408371.3	3670.30005	255.84	89.88	48.828304	-86.936933	56175.72	56267.3	-17.34	56158.38	56158.08203	56133.40008	56137.18359	504628.7	5408371.3
L4630.0	504628.7	5408372.8	3670.39990	255.59	89.88	48.828317	-86.936932	56176.12	56267.4	-17.35	56158.76	56158.45313	56133.83906	56137.64844	504628.7	5408372.8
L4630.0	504628.8	5408374.5	3670.50000	256.75	89.76	48.828332	-86.936932	56177.48	56267.4	-17.36	56160.12	56159.80078	56134.20857	56138.04297	504628.8	5408374.5
L4630.0	504628.8	5408374.5	3670.60010	256.20	89.13	48.828332	-86.936932	56177.59	56267.4	-17.38	56160.21	56159.87891	56134.65862	56138.51563	504628.8	5408374.5
L4630.0	504628.8	5408375.7	3670.69995	254.58	89.36	48.828343	-86.936932	56177.84	56267.4	-17.39	56160.45	56160.10938	56135.09453	56138.97656	504628.8	5408375.7
L4630.0	504628.8	5408375.7	3670.80005	255.04	89.36	48.828343	-86.936932	56178.82	56267.4	-17.40	56161.42	56161.07031	56135.47765	56139.38281	504628.8	5408375.7
L4630.0	504628.8	5408377.4	3670.89990	253.92	83.22	48.828358	-86.936932	56178.88	56267.4	-17.41	56161.47	56161.10938	56135.91799	56139.84766	504628.8	5408377.4
L4630.0	504628.8	5408378.7	3671.00000	252.69	83.22	48.828370	-86.936932	56180.02	56267.4	-17.42	56162.60	56162.22656	56136.28221	56140.23438	504628.8	5408378.7
L4630.0	504628.8	5408380.3	3671.10010	251.45	85.14	48.828384	-86.936932	56180.86	56267.4	-17.43	56163.44	56163.05469	56136.66165	56140.63672	504628.8	5408380.3
L4630.0	504628.8	5408380.3	3671.19995	253.10	82.49	48.828384	-86.936932	56179.91	56267.4	-17.43	56162.48	56162.08594	56137.15699	56141.15625	504628.8	5408380.3
L4630.0	504628.7	5408383.7	3671.30005	250.50	82.49	48.828415	-86.936932	56181.77	56267.4	-17.44	56164.33	56163.92188	56137.46090	56141.48047	504628.7	5408383.7
L4630.0	504628.7	5408383.7	3671.39990	251.58	78.93	48.828415	-86.936932	56180.80	56267.4	-17.44	56163.36	56162.94141	56137.94873	56141.99219	504628.7	5408383.7
L4630.0	504628.7	5408385.7	3671.50000	252.76	78.93	48.828433	-86.936932	56182.08	56267.4	-17.45	56164.63	56164.19922	56138.28316	56142.34766	504628.7	5408385.7
L4630.0	504628.7	5408385.7	3671.60010	252.92	78.93	48.828433	-86.936932	56183.15	56267.5	-17.46	56165.70	56165.25781	56138.62685	56142.71094	504628.7	5408385.7
L4630.0	504628.7	5408387.3	3671.69995	253.02	76.13	48.828447	-86.936932	56183.07	56267.5	-17.46	56165.61	56165.15625	56139.04383	56143.15234	504628.7	5408387.3
L4630.0	504628.7	5408388.7	3671.69995	253.02	72.02	48.828460	-86.936932	56183.98	56267.5	-17.46	56166.51	56166.04688	56139.39077	56143.51953	504628.7	5408388.7
L4630.0	504628.7	5408390.1	3671.80005	253.87	72.02	48.828473	-86.936932	56183.66	56267.5	-17.47	56166.19	56165.71484	56139.81503	56143.96484	504628.7	5408390.1
L4630.0	504628.7	5408391.3	3672.00000	250.55	75.88	48.828484	-86.936932	56184.86	56267.5	-17.48	56167.38	56166.89453	56140.13460	56144.30469	504628.7	5408391.3
L4630.0	504628.7	5408391.3	3672.10010	248.99	77.12	48.828484	-86.936932	56184.31	56267.5	-17.49	56166.82	56166.32031	56140.56685	56144.75391	504628.7	5408391.3
L4630.0	504628.7	5408393.5	3672.19995	247.03	77.12	48.828503	-86.936933	56185.68	56267.5	-17.49	56168.19	56167.67969	56140.86646	56145.07422	504628.7	5408393.5
L4630.0	504628.7	5408393.5	3672.30005	245.28	74.76	48.828503	-86.936933	56185.98	56267.5	-17.50	56168.48	56167.96094	56141.23412	56145.46094	504628.7	5408393.5
L4630.0	504628.7	5408394.9	3672.39990	246.52	75.83	48.828516	-86.936933	56186.67	56267.5	-17.51	56169.16	56168.62891	56141.57183	56145.81641	504628.7	5408394.9
L4630.0	504628.7	5408396.5	3672.50000	245.11	75.83	48.828530	-86.936933	56186.76	56267.5	-17.51	56169.24	56168.69531	56141.94562	56146.21094	504628.7	5408396.5
L4630.0	504628.7	5408397.8	3672.60010	245.97	79.01	48.828542	-86.936933	56187.31	56267.5	-17.52	56169.78	56169.22656	56142.28485	56146.56641	504628.7	5408397.8
L4630.0	504628.7	5408397.8	3672.69995	244.36	79.01	48.828542	-86.936933	56187.27	56267.5	-17.53	56169.74	56169.17188	56142.65886	56146.96094	504628.7	5408397.8
L4630.0	504628.7	5408400.5	3672.80005	241.90	76.75	48.828566	-86.936933	56188.36	56267.5	-17.54	56170.82	56170.24219	56142.95436	56147.27344	504628.7	5408400.5
L4630.0	504628.7	5408400.5	3672.89990	240.52	77.68	48.828566	-86.936933	56188.89	56267.5	-17.54	56171.35	56170.76172	56143.28269	56147.61719	504628.7	5408400.5
L4630.0	504628.7	5408402.1	3673.00000	238.27	77.68	48.828581	-86.936933	56188.96	56267.6	-17.55	56171.41	56170.80859	56143.63856	56147.99219	504628.7	5408402.1
L4630.0	504628.7	5408403.7	3673.10010	237.34	78.72	48.828595	-86.936933	56189.38	56267.6	-17.56	56171.82	56171.20703	56143.96731	56148.33594	504628.7	5408403.7
L4630.0	504628.7	5408405.3	3673.19995	238.59	77.79	48.828609	-86.936933	56189.82	56267.6	-17.56	56172.26	56171.63672	56144.29030	56148.67578	504628.7	5408405.3
L4630.0	504628.7	5408405.3	3673.30005	239.59	77.79	48.828609	-86.936933	56190.06	56267.6	-17.57	56172.49	56171.85547	56144.62358	56149.02734	504628.7	5408405.3

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4630.0	504628.7	5408406.4	3673.39990	240.09	77.79	48.828620	-86.936933	56190.38	56267.6	-17.57	56172.81	56172.16406	56144.94717	56149.36328	504628.7	5408406.4
L4630.0	504628.7	5408407.9	3673.50000	240.90	79.43	48.828633	-86.936933	56190.75	56267.6	-17.58	56173.17	56172.51172	56145.26442	56149.69531	504628.7	5408407.9
L4630.0	504628.7	5408409.4	3673.60010	242.28	82.43	48.828646	-86.936933	56190.91	56267.6	-17.59	56173.33	56172.66016	56145.59138	56150.03906	504628.7	5408409.4
L4630.0	504628.7	5408409.4	3673.69995	243.24	82.43	48.828646	-86.936933	56191.68	56267.6	-17.59	56174.08	56173.39844	56145.87541	56150.33594	504628.7	5408409.4
L4630.0	504628.7	5408411.3	3673.69995	243.24	77.04	48.828663	-86.936933	56191.47	56267.6	-17.59	56173.88	56173.18750	56146.21921	56150.69531	504628.7	5408411.3
L4630.0	504628.7	5408412.6	3673.80005	243.81	85.78	48.828675	-86.936933	56191.75	56267.6	-17.60	56174.15	56173.44531	56146.52814	56151.01953	504628.7	5408412.6
L4630.0	504628.6	5408414.1	3674.00000	247.53	73.84	48.828688	-86.936933	56192.88	56267.6	-17.61	56175.27	56174.55469	56146.77692	56151.28125	504628.6	5408414.1
L4630.0	504628.6	5408415.6	3674.10010	247.72	73.84	48.828702	-86.936933	56193.13	56267.6	-17.62	56175.51	56174.78516	56147.08091	56151.59766	504628.6	5408415.6
L4630.0	504628.6	5408415.6	3674.19995	246.05	75.82	48.828702	-86.936933	56193.19	56267.6	-17.63	56175.56	56174.82422	56147.39414	56151.92578	504628.6	5408415.6
L4630.0	504628.6	5408417.4	3674.30005	243.01	75.82	48.828718	-86.936933	56193.16	56267.6	-17.63	56175.53	56174.78125	56147.70933	56152.25391	504628.6	5408417.4
L4630.0	504628.6	5408418.8	3674.39990	243.74	76.7	48.828731	-86.936933	56193.38	56267.6	-17.64	56175.74	56174.98047	56148.00517	56152.56250	504628.6	5408418.8
L4630.0	504628.6	5408418.8	3674.50000	245.74	78.11	48.828731	-86.936933	56194.36	56267.7	-17.65	56176.71	56175.94141	56148.24705	56152.81641	504628.6	5408418.8
L4630.0	504628.7	5408420.7	3674.60010	248.54	78.11	48.828748	-86.936933	56194.43	56267.7	-17.66	56176.78	56176.00000	56148.54566	56153.12500	504628.7	5408420.7
L4630.0	504628.7	5408421.9	3674.69995	250.11	77.19	48.828758	-86.936933	56193.80	56267.7	-17.67	56176.13	56175.33984	56148.88906	56153.48047	504628.7	5408421.9
L4630.0	504628.7	5408423.4	3674.80005	251.55	77.19	48.828773	-86.936933	56195.07	56267.7	-17.67	56177.39	56176.58594	56149.10194	56153.70313	504628.7	5408423.4
L4630.0	504628.7	5408424.8	3674.89990	252.32	72.49	48.828784	-86.936933	56194.89	56267.7	-17.68	56177.21	56176.39844	56149.40768	56154.01953	504628.7	5408424.8
L4630.0	504628.7	5408424.8	3675.00000	250.67	73.75	48.828784	-86.936933	56196.04	56267.7	-17.69	56178.35	56177.52734	56149.62234	56154.24609	504628.7	5408424.8
L4630.0	504628.7	5408426.2	3675.10010	249.11	76.45	48.828798	-86.936933	56195.57	56267.7	-17.69	56177.88	56177.04688	56149.94128	56154.57422	504628.7	5408426.2
L4630.0	504628.7	5408428.4	3675.19995	246.89	76.45	48.828817	-86.936933	56196.04	56267.7	-17.70	56178.34	56177.49609	56150.19521	56154.83594	504628.7	5408428.4
L4630.0	504628.7	5408429.8	3675.30005	247.66	76.45	48.828830	-86.936933	56196.73	56267.7	-17.70	56179.03	56178.17578	56150.43085	56155.08203	504628.7	5408429.8
L4630.0	504628.7	5408429.8	3675.39990	246.40	79.22	48.828830	-86.936933	56196.71	56267.7	-17.71	56179.00	56178.13281	56150.71159	56155.37109	504628.7	5408429.8
L4630.0	504628.7	5408431.2	3675.50000	246.73	79.22	48.828843	-86.936933	56196.70	56267.7	-17.71	56178.98	56178.10547	56150.98879	56155.65625	504628.7	5408431.2
L4630.0	504628.7	5408432.6	3675.60010	248.79	84.97	48.828855	-86.936932	56197.19	56267.7	-17.71	56179.47	56178.58594	56151.22917	56155.90625	504628.7	5408432.6
L4630.0	504628.7	5408433.8	3675.69995	247.69	70.68	48.828866	-86.936932	56197.26	56267.7	-17.72	56179.54	56178.64453	56151.49479	56156.17969	504628.7	5408433.8
L4630.0	504628.7	5408435.5	3675.69995	247.69	70.68	48.828881	-86.936932	56197.81	56267.7	-17.72	56180.10	56179.19531	56151.72503	56156.41797	504628.7	5408435.5
L4630.0	504628.7	5408435.5	3675.80005	249.29	70.21	48.828881	-86.936932	56197.62	56267.7	-17.72	56179.90	56178.98438	56152.00327	56156.70313	504628.7	5408435.5
L4630.0	504628.7	5408436.7	3676.00000	247.09	71.15	48.828891	-86.936932	56198.51	56267.7	-17.73	56180.78	56179.85547	56152.20690	56156.91406	504628.7	5408436.7
L4630.0	504628.7	5408438.3	3676.10010	246.01	71.15	48.828907	-86.936932	56198.22	56267.7	-17.74	56180.48	56179.54688	56152.48664	56157.19922	504628.7	5408438.3
L4630.0	504628.7	5408439.7	3676.19995	246.60	74.49	48.828919	-86.936932	56198.64	56267.7	-17.75	56180.89	56179.94531	56152.71655	56157.43750	504628.7	5408439.7
L4630.0	504628.7	5408440.7	3676.30005	245.77	74.35	48.828928	-86.936932	56198.78	56267.8	-17.76	56181.02	56180.06641	56152.96267	56157.68750	504628.7	5408440.7
L4630.0	504628.7	5408442.5	3676.39990	245.20	74.35	48.828944	-86.936932	56198.79	56267.8	-17.77	56181.02	56180.05859	56153.21507	56157.94922	504628.7	5408442.5
L4630.0	504628.7	5408442.5	3676.50000	244.67	72.42	48.828944	-86.936932	56199.34	56267.8	-17.78	56181.56	56180.58984	56153.42914	56158.16797	504628.7	5408442.5
L4630.0	504628.7	5408444.2	3676.60010	245.57	72.42	48.828959	-86.936932	56199.82	56267.8	-17.78	56182.04	56181.05859	56153.64495	56158.38672	504628.7	5408444.2
L4630.0	504628.7	5408445.8	3676.69995	246.64	78.33	48.828973	-86.936932	56200.25	56267.8	-17.79	56182.46	56181.46875	56153.86254	56158.60938	504628.7	5408445.8
L4630.0	504628.7	5408445.8	3676.80005	247.07	72.5	48.828973	-86.936932	56200.50	56267.8	-17.80	56182.70	56181.70313	56154.08998	56158.84375	504628.7	5408445.8
L4630.0	504628.7	5408447.6	3676.89990	249.48	72.5	48.828989	-86.936932	56200.05	56267.8	-17.81	56182.24	56181.23438	56154.36201	56159.11719	504628.7	5408447.6
L4630.0	504628.7	5408449.5	3677.00000	247.32	70.97	48.829007	-86.936932	56200.30	56267.8	-17.82	56182.48	56181.46484	56154.58536	56159.34766	504628.7	5408449.5
L4630.0	504628.7	5408449.5	3677.10010	249.31	73.3	48.829007	-86.936932	56199.82	56267.8	-17.83	56181.99	56180.96484	56154.85541	56159.62109	504628.7	5408449.5
L4630.0	504628.7	5408450.9	3677.19995	248.01	73.3	48.829020	-86.936932	56199.92	56267.8	-17.83	56182.09	56181.05859	56155.08425	56159.85156	504628.7	5408450.9
L4630.0	504628.7	5408452.3	3677.30005	246.56	70.61	48.829032	-86.936932	56200.73	56267.8	-17.84	56182.90	56181.85938	56155.26393	56160.03516	504628.7	5408452.3
L4630.0	504628.7	5408453.9	3677.39990	245.46	72.82	48.829047	-86.936932	56200.80	56267.8	-17.84	56182.95	56181.90234	56155.49252	56160.26563	504628.7	5408453.9
L4630.0	504628.7	5408455.0	3677.50000	243.83	72.82	48.829056	-86.936932	56201.47	56267.8	-17.85	56183.62	56182.56641	56155.67810	56160.45313	504628.7	5408455.0
L4630.0	504628.7	5408456.4	3677.60010	245.24	70.33	48.829069	-86.936932	56201.42	56267.9	-17.86	56183.56	56182.49609	56155.91073	56160.68750	504628.7	5408456.4
L4630.0	504628.7	5408456.4	3677.69995	246.97	70.1	48.829069	-86.936932	56201.61	56267.9	-17.86	56183.75	56182.67969	56156.12514	56160.90234	504628.7	5408456.4
L4630.0	504628.7	5408457.9	3677.69995	246.97	70.1	48.829083	-86.936933	56201.61	56267.9	-17.86	56183.75	56182.67578	56156.35074	56161.12891	504628.7	5408457.9
L4630.0	504628.7	5408459.8	3677.80005	248.99	68.01	48.829100	-86.936933	56201.39	56267.9	-17.87	56183.53	56182.44531	56156.58961	56161.37109	504628.7	5408459.8
L4630.0	504628.7	5408460.6	3678.00000	247.96	68.01	48.829107	-86.936933	56202.60	56267.9	-17.88	56184.72	56183.62891	56156.73313	56161.51563	504628.7	5408460.6
L4630.0	504628.7	5408462.0	3678.10010	249.71	71.29	48.829120	-86.936933	56202.20	56267.9	-17.89	56184.31	56183.21484	56156.98206	56161.76172	504628.7	5408462.0
L4630.0	504628.7	5408462.0	3678.19995	250.71	71.89	48.829120	-86.936933	56202.21	56267.9	-17.89	56184.31	56183.20703	56157.20246	56161.98438	504628.7	5408462.0
L4630.0	504628.7	5408463.6	3678.30005	250.36	72.58	48.829134	-86.936933	56201.74	56267.9	-17.90	56183.84	56182.73047	56157.45307	56162.23438	504628.7	5408463.6
L4630.0	504628.6	5408464.9	3678.39990	248.56	72.58	48.829145	-86.936933	56202.29	56267.9	-17.91	56184.39	56183.27344	56157.63462	56162.41406	504628.6	5408464.9
L4630.0	504628.6	5408466.3	3678.50000	246.32	79.7	48.829158	-86.936933	56202.90	56267.9	-17.91	56184.99	56183.86719	56157.81185	56162.58984	504628.6	5408466.3
L4630.0	504628.6	5408466.3	3678.60010	244.70	79.7	48.829158	-86.936933	56202.08	56267.9	-17.92	56184.16	56183.03125	56158.08350	56162.85938	504628.6	5408466.3
L4630.0	504628.6	5408468.0	3678.69995	247.35	67.58	48.829173	-86.936933	56203.45	56267.9	-17.93	56185.52	56184.38672	56158.20830	56162.98047	504628.6	5408468.0
L4630.0	504628.6	5408469.9	3678.80005	247.51	67.94	48.829190	-86.936933	56202.59	56267.9	-17.94	56184.65	56183.51172	56158.48099	56163.25391	504628.6	5408469.9
L4630.0	504628.6	5408471.3	3678.89990	247.42	67.94	48.829203	-86.936933	56203.20	56267.9	-17.94	56185.26	56184.11719	56158.65430	56163.42188	504628.6	5408471.3
L4630.0	504628.6	5408471.3	3679.00000	245.93	67.58	48.829203	-86.936933	56204.25	56267.9	-17.95	56186.30	56185.15234	56158.79830	56163.56250	504628.6	5408471.3
L4630.0	504628.6	5408473.1	3679.10010	244.75	67.58	48.829219	-86.936933	56203.70	56268	-17.96	56185.74	56184.58594	56159.04839	56163.80859	504628.6	5408473.1
L4630.0	504628.6	5408474.4	3679.19995	241.49	66.9	48.829231	-86.936933	56203.86	56268	-17.96	56185.90	56184.74219	56159.24998	56164.00781	504628.6	5408474.4
L4630.0	504628.6	5408475.6	3679.30005	241.04	65.5	48.829242	-86.936933	56204.48	56268	-17.97	56186.51	56185.34766	56159.42112	56164.17188	504628.6	5408475.6
L4630.0	504628.6	5408476.8	3679.39990	241.30	65.5	48.829252	-86.936933	56204.49	56268	-17.97	56186.52	56185.35547	56159.63189	56164.37891	504628.6	5408476.8
L4630.0	504628.6	5408478.2	3679.50000	242.87	65.43	48.829265	-86.936933	56204.02	56268	-17.98	56186.04	56184.87109	56159.87501	56164.61719	504628.6	5408478.2
L4630.0	504628.6	5408478.2	3679.60010	246.33	65.77	48.829265	-86.936933	56204.67	56268	-17.99	56186.69	56185.51563	56160.04256	56164.77734	504628.6	5408478.2
L4630.0	504628.7	5408479.9	3679.69995	247.11	65.77	48.829281	-86.936933	56204.81	56268	-17.99	56186.82	56185.64063	56160.24458	56164.97266	504628.7	5408479.9
L4630.0	504628.7	5408479.9	3679.69995	247.11	71.07	48.829281	-86.936933	56204.39	56268	-17.99	56186.40	56185.21875	56160.48315	56165.20313	504628.7	5408479.9
L4630.0	504628.7	5408481.9	3679.80005	247.70	76.86	48.829299	-86.936932	56205.08	56268	-18.00	56187.08	56185.89453	56160.64834	56165.35938	504628.7	5408481.9
L4630.0	504628.7	5408483.4	3679.89990	247.70	76.86	48.829312	-86.936932	56205.38	56268	-18.00	56187.38	56186.19141	56160.83885	56165.54297	504628.7	5408483.4
L4630.0	504628.7	5408484.8	3680.00000	249.96	76.81	48.829325	-86.936932	56205.55	56268	-18.01	56187.54	56186.34766	56161.03877	56165.73047	504628.7	5408484.8
L4630.0	504628.7	5408486.2	3680.10010	253.16	62.71	48.829337	-86.936932	56205.82	56268	-18.02	56187.80	56186.60547	56161.23214	56165.91406	504628.7	5408486.2
L4630.0	504628.7	5408487.5	3680.19995	252.72	66.44	48.829348	-86.936932	56205.41	56268	-18.03	56187.38	56186.18359	56161.47102	56166.14453	504628.7	5408487.5
L4630.0	504628.7	5408489.0	3680.30005	248.53	66.44	48.829362	-86.936932	56205.66	56268	-18.04	56187.63	56186.42969	56161.66547	56166.32813	504628.7	5408489.0
L4630.0	504628.7	5408489.0	3680.50000	242.12	66.36	48.829362	-86.936932	56206.25	56268.1	-18.06	56188.19	56186.98828	56161.83955	56166.48828	504628.7	5408489.0
L4630.0	504628.7	5408490.7	3680.60010	241.41	66.36	48.829378	-86.936931	56205.88	56268.1	-18.06	56187.82	56186.61328	56162.07598	56166.71484	504628.7	5408490.7
L4630.0	504628.8	5408491.9	3680.69995	245.52	63.58	48.829389	-86.936931	56207.04	56268.1	-18.07	56188.96	56187.75391	56162.21214	56166.83594	504628.8	5408491.9
L4630.0	504628.8	5408493.6	3680.80005	247.26	63.62	48.829403	-86.936931	56206.27	56268.1	-18.08	56188.19	56186.98047	56162.47609	56167.08594	504628.8	5408493.6
L4630.0	504628.8	5408494.8	3680.89990	250.23	63.62	48.829414	-86.936931	56207.20	56268.1	-18.09	56189.11	56187.89844	56162.62787	56167.22266	504628.8	5408494.8
L4630.0	504628.8	5408494.8	3681.00000	251.22	69.6	48.829414	-86.936931	56206.73	56268.1	-18.10	56188.63	56187.41406	56162.87353	56167.45313	504628.8	5408494.8
L4630.0	504628.8	5408496.2	3681.10010	252.86	62.47	48.829428	-86.936930	56207.08	56268.1	-18.11	56188.97	56187.75391	56163.06512	56167.62500	504628.8	5408496.2
L4630.0	504628.8	5408497.6	3681.19995	253.23	62.47	48.829439	-86.936930	56207.56	56268.1	-18.12	56189.44	56188.21875	56163.24868	56167.79297	504628.8	5408497.6
L4630.0	504628.9	5408499.1	3681.30005	253.17	67.33	48.829453	-86.936930	56207.16	56268.1	-18.12	56189.04	56187.81641	56163.49092	56168.01563	504628.9	5408499.1
L4630.0	504628.9	5408500.8	3681.39990	253.16	67.33	48.829468	-86.936929	56207.88	56268.1	-18.13	56189.75	56188.52734	56163.65988	56168.16406	504628.9	5408500.8
L4630.0	504628.9	5408500.8	3681.50000	252.58	64.76	48.829468	-86.936929	56209.11	56268.1	-18.14	56190.97	56189.74219	56163.79559	56168.28125	504628.9	5408500.8
L4630.0	504628.9	5408502.2	3681.60010	251.05	64.76	48.829481	-86.936929	56207.76	56268.1	-18.15	56189.61	56188.38281	56164.10411	56168.56641	504628.9	5408502.2
L4630.0	504628.9	5408504.0	3681.69995	249.19	66.71	48.829497	-86.936929	56208.65	56268.2	-18.16	56190.49	56189.25781	56164.26411	56168.70703	504628.9	5408504.0
L4630.0	504628.9	5408504.0	3681.69995	249.19	72.33	48.829497	-86.936929	56207.88	56268.2	-18.16	56189.73	56188.49609	56164.53431	56168.95313	504628.9	5408504.0
L4630.0	504628.9	5408505.3	3681.80005	247.68	65.29	48.829509	-86.936929	56209.03	56268.2	-18.16	56190.86	56189.62500	56164.67939	56169.07031	504628.9	5408505.3
L4630.0	504628.9	5408506.9	3682.00000	251.66	65.29	48.829523	-86.936928	56209.71	56268.2	-18.18	56191.53	56190.28906	56164.85605	56169.22266	504628.9	5408506.9
L4630.0	504628.9	5408507.9	3682.10010	253.35	62.64	48.829533	-86.936928	56210.28	56268.2	-18.19	56192.09	56190.84766	56165.04098	56169.37891	504628.9	5408507.9
L4630.0	504629.0	5408509.9	3682.19995	251.86	62.64	48.829550	-86.936928	56209.74	56268.2	-18.20	56191.54	56190.29297	56165.30087	56169.61328	504629.0	5408509.9
L4630.0	504629.0	5408509.9	3682.30005	248.94	63.53	48.829550	-86.936928	56210.54	56268.2	-18.20	56192.33	56191.08203	56165.47239	56169.75391	504629.0	5408509.9
L4630.0	504629.0	5408511.3	3682.39990	247.65	74.83	48.829563	-86.936928	56210.26	56268.2	-18.21	56192.05	56190.79688	56165.71625	56169.96875	504629.0	5408511.3
L4630.0	504629.0	5408512.7	3682.50000	247.15	74.83	48.829575	-86.936928	56210.27	56268.2	-18.22	56192.05	56190.79297	56165.94243	56170.16016	504629.0	5408512.7
L4630.0	504629.0	5408514.3	3682.60010	247.08	74.73	48.829590	-86.936927	56211.38	56268.2	-18.23	56193.15	56191.89063	56166.09630	56170.28125	504629.0	5408514.3

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4630.0	504629.0	5408515.9	3682.69995	244.74	74.7	48.829604	-86.936927	56210.97	56268.2	-18.24	56192.74	56191.47656	56166.35185	56170.50000	504629.0	5408515.9
L4630.0	504629.0	5408515.9	3682.80005	244.89	74.06	48.829604	-86.936927	56211.31	56268.2	-18.24	56193.06	56191.78906	56166.55976	56170.67188	504629.0	5408515.9
L4630.0	504629.0	5408517.5	3682.89990	248.12	74.06	48.829618	-86.936927	56211.25	56268.3	-18.25	56193.00	56191.72656	56166.79402	56170.87109	504629.0	5408517.5
L4630.0	504629.0	5408519.2	3683.00000	251.31	72.94	48.829634	-86.936927	56212.88	56268.3	-18.26	56194.62	56193.33984	56166.91730	56170.95313	504629.0	5408519.2
L4630.0	504629.0	5408520.5	3683.10010	252.01	72.94	48.829646	-86.936927	56212.24	56268.3	-18.27	56193.97	56192.68359	56167.19294	56171.18750	504629.0	5408520.5
L4630.0	504629.0	5408520.5	3683.19995	250.44	72.67	48.829646	-86.936927	56212.54	56268.3	-18.28	56194.26	56192.96484	56167.40691	56171.35938	504629.0	5408520.5
L4630.0	504629.1	5408522.3	3683.30005	247.90	72.06	48.829662	-86.936927	56212.60	56268.3	-18.28	56194.31	56193.00781	56167.63787	56171.54688	504629.1	5408522.3
L4630.0	504629.1	5408523.6	3683.39990	248.86	72.06	48.829674	-86.936927	56213.47	56268.3	-18.29	56195.18	56193.87109	56167.81514	56171.67578	504629.1	5408523.6
L4630.0	504629.1	5408525.0	3683.50000	247.51	72.77	48.829686	-86.936926	56214.06	56268.3	-18.30	56195.76	56194.44141	56168.01270	56171.82422	504629.1	5408525.0
L4630.0	504629.1	5408525.0	3683.60010	248.88	72.77	48.829686	-86.936926	56213.68	56268.3	-18.31	56195.37	56194.04297	56168.27587	56172.03906	504629.1	5408525.0
L4630.0	504629.1	5408527.1	3683.69995	246.77	67.85	48.829705	-86.936926	56215.31	56268.3	-18.32	56196.99	56195.65234	56168.40594	56172.11719	504629.1	5408527.1
L4630.0	504629.1	5408528.6	3683.69995	246.77	64.06	48.829718	-86.936926	56214.52	56268.3	-18.32	56196.20	56194.85156	56168.69755	56172.35547	504629.1	5408528.6
L4630.0	504629.1	5408529.8	3683.80005	247.32	64.06	48.829729	-86.936926	56215.64	56268.3	-18.32	56197.31	56195.94922	56168.86334	56172.46484	504629.1	5408529.8
L4630.0	504629.1	5408529.8	3684.00000	247.48	63.53	48.829729	-86.936926	56214.93	56268.3	-18.34	56196.59	56195.21484	56169.15194	56172.69531	504629.1	5408529.8
L4630.0	504629.2	5408531.4	3684.10010	249.11	63.53	48.829744	-86.936925	56215.74	56268.3	-18.35	56197.39	56196.00391	56169.33996	56172.82422	504629.2	5408531.4
L4630.0	504629.2	5408533.1	3684.19995	248.25	61.71	48.829759	-86.936925	56215.86	56268.4	-18.36	56197.50	56196.09766	56169.57471	56172.99609	504629.2	5408533.1
L4630.0	504629.2	5408533.1	3684.30005	249.11	64.12	48.829759	-86.936925	56216.11	56268.4	-18.37	56197.74	56196.32422	56169.80147	56173.16016	504629.2	5408533.1
L4630.0	504629.2	5408534.6	3684.39990	248.94	64.12	48.829773	-86.936924	56217.63	56268.4	-18.38	56199.25	56197.81641	56169.94418	56173.23828	504629.2	5408534.6
L4630.0	504629.2	5408536.1	3684.50000	250.96	65.87	48.829786	-86.936924	56217.35	56268.4	-18.38	56198.96	56197.50781	56170.20745	56173.43359	504629.2	5408536.1
L4630.0	504629.2	5408537.4	3684.60010	251.91	65.87	48.829797	-86.936924	56218.28	56268.4	-18.39	56199.88	56198.40625	56170.39058	56173.54688	504629.2	5408537.4
L4630.0	504629.3	5408538.7	3684.69995	249.30	64.94	48.829809	-86.936924	56218.85	56268.4	-18.40	56200.45	56198.95703	56170.59749	56173.67969	504629.3	5408538.7
L4630.0	504629.3	5408538.7	3684.80005	246.26	68.36	48.829809	-86.936924	56219.24	56268.4	-18.41	56200.83	56199.31641	56170.81745	56173.82422	504629.3	5408538.7
L4630.0	504629.3	5408540.0	3684.89990	246.49	68.58	48.829821	-86.936923	56219.12	56268.4	-18.42	56200.70	56199.16016	56171.07174	56174.00000	504629.3	5408540.0
L4630.0	504629.3	5408541.4	3685.00000	248.87	68.58	48.829833	-86.936923	56219.90	56268.4	-18.43	56201.47	56199.90625	56171.26628	56174.11328	504629.3	5408541.4
L4630.0	504629.3	5408542.8	3685.10010	248.92	68.82	48.829846	-86.936923	56219.99	56268.4	-18.44	56201.55	56199.96094	56171.50701	56174.27344	504629.3	5408542.8
L4630.0	504629.3	5408543.8	3685.19995	248.49	68.04	48.829855	-86.936923	56220.81	56268.4	-18.45	56202.36	56200.74219	56171.69919	56174.37891	504629.3	5408543.8
L4630.0	504629.3	5408545.3	3685.30005	248.70	67.96	48.829868	-86.936923	56220.99	56268.5	-18.45	56202.54	56200.89063	56171.93341	56174.52734	504629.3	5408545.3
L4630.0	504629.3	5408545.3	3685.39990	248.39	67.96	48.829868	-86.936923	56222.25	56268.5	-18.46	56203.79	56202.10938	56172.09626	56174.59766	504629.3	5408545.3
L4630.0	504629.3	5408547.1	3685.50000	247.40	65.78	48.829885	-86.936923	56222.23	56268.5	-18.47	56203.76	56202.04688	56172.34433	56174.75391	504629.3	5408547.1
L4630.0	504629.3	5408548.3	3685.60010	248.44	63.44	48.829896	-86.936923	56222.75	56268.5	-18.48	56204.27	56202.52344	56172.55621	56174.87109	504629.3	5408548.3
L4630.0	504629.3	5408549.9	3685.69995	247.79	63.44	48.829910	-86.936923	56223.41	56268.5	-18.49	56204.92	56203.13281	56172.75849	56174.97266	504629.3	5408549.9
L4630.0	504629.3	5408551.0	3685.69995	247.79	62.03	48.829920	-86.936923	56224.01	56268.5	-18.49	56205.52	56203.69531	56172.96376	56175.07813	504629.3	5408551.0
L4630.0	504629.3	5408552.3	3685.80005	247.75	61.24	48.829932	-86.936923	56223.45	56268.5	-18.49	56204.95	56203.08203	56173.24659	56175.25391	504629.3	5408552.3
L4630.0	504629.3	5408552.3	3686.00000	247.79	61.24	48.829932	-86.936923	56224.17	56268.5	-18.51	56205.66	56203.75000	56173.44358	56175.34375	504629.3	5408552.3
L4630.0	504629.2	5408555.3	3686.10010	247.80	62.79	48.829959	-86.936924	56225.29	56268.5	-18.52	56206.77	56204.81250	56173.61330	56175.40234	504629.2	5408555.3
L4630.0	504629.2	5408555.3	3686.19995	246.34	57.61	48.829959	-86.936924	56225.79	56268.5	-18.53	56207.26	56205.25391	56173.82369	56175.50000	504629.2	5408555.3
L4630.0	504629.2	5408557.2	3686.30005	247.69	57.61	48.829976	-86.936924	56226.16	56268.5	-18.53	56207.63	56205.57422	56174.04131	56175.60156	504629.2	5408557.2
L4630.0	504629.2	5408557.2	3686.39990	246.45	62.43	48.829976	-86.936924	56226.18	56268.5	-18.54	56207.64	56205.53125	56174.28209	56175.72266	504629.2	5408557.2
L4630.0	504629.2	5408559.3	3686.50000	247.36	62.43	48.829995	-86.936925	56226.61	56268.6	-18.55	56208.06	56205.89453	56174.49461	56175.81250	504629.2	5408559.3
L4630.0	504629.2	5408560.5	3686.60010	245.76	59.17	48.830006	-86.936925	56227.34	56268.6	-18.56	56208.78	56206.55859	56174.68613	56175.87891	504629.2	5408560.5
L4630.0	504629.2	5408560.5	3686.69995	243.43	59.87	48.830006	-86.936925	56227.27	56268.6	-18.57	56208.70	56206.41797	56174.92989	56175.99609	504629.2	5408560.5
L4630.0	504629.2	5408563.6	3686.80005	246.15	59.87	48.830033	-86.936925	56228.15	56268.6	-18.57	56209.57	56207.22266	56175.10915	56176.04297	504629.2	5408563.6
L4630.0	504629.2	5408563.6	3686.89990	247.09	57.74	48.830033	-86.936925	56228.73	56268.6	-18.58	56210.15	56207.73828	56175.30649	56176.10547	504629.2	5408563.6
L4630.0	504629.2	5408565.5	3687.00000	248.52	57.74	48.830050	-86.936924	56229.75	56268.6	-18.59	56211.16	56208.67578	56175.47384	56176.13281	504629.2	5408565.5
L4630.0	504629.2	5408565.5	3687.10010	249.63	54.45	48.830050	-86.936924	56229.45	56268.6	-18.60	56210.86	56208.30469	56175.72711	56176.24609	504629.2	5408565.5
L4630.0	504629.2	5408567.1	3687.19995	250.22	54.45	48.830065	-86.936924	56230.89	56268.6	-18.60	56212.29	56209.66016	56175.86357	56176.23828	504629.2	5408567.1
L4630.0	504629.2	5408567.1	3687.30005	252.48	58.85	48.830065	-86.936924	56230.24	56268.6	-18.61	56211.63	56208.92188	56176.13779	56176.36328	504629.2	5408567.1
L4630.0	504629.2	5408569.9	3687.39990	253.21	58.85	48.830090	-86.936924	56231.26	56268.6	-18.61	56212.64	56209.84766	56176.29905	56176.37109	504629.2	5408569.9
L4630.0	504629.2	5408569.9	3687.50000	252.04	51.23	48.830090	-86.936924	56231.48	56268.6	-18.62	56212.86	56209.98438	56176.51126	56176.42969	504629.2	5408569.9
L4630.0	504629.2	5408571.6	3687.60010	250.66	50.56	48.830105	-86.936924	56231.64	56268.6	-18.63	56213.02	56210.05469	56176.72569	56176.48438	504629.2	5408571.6
L4630.0	504629.2	5408573.5	3687.69995	250.51	50.56	48.830122	-86.936924	56231.48	56268.6	-18.63	56212.85	56209.79297	56176.96026	56176.55859	504629.2	5408573.5
L4630.0	504629.2	5408573.5	3687.69995	250.51	48.69	48.830122	-86.936924	56232.73	56268.6	-18.63	56214.10	56210.94922	56177.09824	56176.53125	504629.2	5408573.5
L4630.0	504629.2	5408574.9	3687.80005	248.44	47.6	48.830135	-86.936924	56233.71	56268.6	-18.64	56215.07	56211.82031	56177.25290	56176.51563	504629.2	5408574.9
L4630.0	504629.2	5408576.3	3688.00000	247.79	47.6	48.830148	-86.936924	56233.36	56268.7	-18.65	56214.71	56211.35547	56177.49418	56176.58594	504629.2	5408576.3
L4630.0	504629.2	5408578.0	3688.10010	249.42	47.6	48.830163	-86.936924	56233.55	56268.7	-18.66	56214.89	56211.42969	56177.69733	56176.61328	504629.2	5408578.0
L4630.0	504629.2	5408578.0	3688.19995	250.06	58.34	48.830163	-86.936924	56233.96	56268.7	-18.66	56215.30	56211.73047	56177.88297	56176.61719	504629.2	5408578.0
L4630.0	504629.2	5408579.7	3688.30005	251.58	58.34	48.830178	-86.936924	56234.82	56268.7	-18.67	56216.15	56212.46484	56178.03705	56176.58984	504629.2	5408579.7
L4630.0	504629.2	5408580.8	3688.39990	249.94	58.61	48.830188	-86.936924	56235.08	56268.7	-18.67	56216.41	56212.60938	56178.22816	56176.59375	504629.2	5408580.8
L4630.0	504629.2	5408582.6	3688.50000	248.99	55.61	48.830204	-86.936924	56235.08	56268.7	-18.68	56216.40	56212.47656	56178.43493	56176.60938	504629.2	5408582.6
L4630.0	504629.2	5408582.6	3688.60010	247.86	55.61	48.830204	-86.936924	56236.59	56268.7	-18.69	56217.91	56213.86328	56178.53797	56176.51953	504629.2	5408582.6
L4630.0	504629.2	5408584.0	3688.69995	246.69	59.05	48.830217	-86.936924	56236.25	56268.7	-18.69	56217.56	56213.38281	56178.76257	56176.54688	504629.2	5408584.0
L4630.0	504629.2	5408585.2	3688.80005	245.77	56.46	48.830228	-86.936924	56237.42	56268.7	-18.70	56218.72	56214.41016	56178.88402	56176.46875	504629.2	5408585.2
L4630.0	504629.2	5408586.5	3688.89990	246.45	55.23	48.830239	-86.936924	56236.31	56268.7	-18.70	56217.60	56213.15234	56179.15494	56176.53516	504629.2	5408586.5
L4630.0	504629.2	5408588.1	3689.00000	249.74	55.23	48.830253	-86.936924	56237.18	56268.7	-18.71	56218.47	56213.88281	56179.29063	56176.46094	504629.2	5408588.1
L4630.0	504629.2	5408588.1	3689.10010	250.84	42.15	48.830253	-86.936924	56238.42	56268.7	-18.72	56219.71	56214.97656	56179.39906	56176.35938	504629.2	5408588.1
L4630.0	504629.2	5408589.5	3689.19995	251.57	45.31	48.830266	-86.936923	56237.82	56268.7	-18.72	56219.10	56214.21484	56179.62819	56176.37109	504629.2	5408589.5
L4630.0	504629.2	5408591.1	3689.30005	253.17	45.31	48.830281	-86.936923	56238.84	56268.7	-18.73	56220.11	56215.07031	56179.74668	56176.27344	504629.2	5408591.1
L4630.0	504629.2	5408592.4	3689.39990	253.22	50.91	48.830293	-86.936923	56238.59	56268.7	-18.74	56219.85	56214.65234	56179.94716	56176.25000	504629.2	5408592.4
L4630.0	504629.2	5408593.9	3689.50000	253.39	57.73	48.830306	-86.936923	56239.34	56268.7	-18.74	56220.60	56215.24219	56180.07762	56176.15625	504629.2	5408593.9
L4630.0	504629.2	5408593.9	3689.60010	251.59	52.11	48.830306	-86.936923	56239.94	56268.8	-18.75	56221.19	56215.66406	56180.21605	56176.06641	504629.2	5408593.9
L4630.0	504629.2	5408595.4	3689.69995	250.43	52.11	48.830320	-86.936923	56240.06	56268.8	-18.76	56221.30	56215.60156	56180.38377	56176.00000	504629.2	5408595.4
L4630.0	504629.2	5408597.2	3689.69995	250.43	55.19	48.830335	-86.936923	56240.24	56268.8	-18.76	56221.48	56215.60938	56180.54412	56175.92578	504629.2	5408597.2
L4630.0	504629.2	5408598.5	3689.80005	249.88	55.19	48.830347	-86.936923	56240.43	56268.8	-18.77	56221.66	56215.60938	56180.70176	56175.84375	504629.2	5408598.5
L4630.0	504629.2	5408599.6	3690.00000	249.91	56.79	48.830357	-86.936923	56240.27	56268.8	-18.78	56221.49	56215.25391	56180.88003	56175.77734	504629.2	5408599.6
L4630.0	504629.2	5408599.6	3690.10010	249.59	53.06	48.830357	-86.936923	56241.56	56268.8	-18.79	56222.78	56216.35547	56180.95828	56175.60938	504629.2	5408599.6
L4630.0	504629.2	5408601.0	3690.19995	252.98	56.97	48.830370	-86.936923	56240.39	56268.8	-18.79	56221.60	56214.98047	56181.19852	56175.60156	504629.2	5408601.0
L4630.0	504629.2	5408602.5	3690.30005	253.81	56.97	48.830383	-86.936924	56242.21	56268.8	-18.80	56223.41	56216.59375	56181.23677	56175.38672	504629.2	5408602.5
L4630.0	504629.2	5408603.7	3690.39990	254.34	54.78	48.830394	-86.936924	56240.75	56268.8	-18.81	56221.94	56214.92188	56181.49107	56175.38672	504629.2	5408603.7
L4630.0	504629.2	5408605.1	3690.50000	253.84	57.44	48.830407	-86.936924	56241.93	56268.8	-18.82	56223.11	56215.88672	56181.56676	56175.20313	504629.2	5408605.1
L4630.0	504629.2	5408606.3	3690.60010	252.33	57.44	48.830418	-86.936924	56241.77	56268.8	-18.82	56222.94	56215.50781	56181.72922	56175.10156	504629.2	5408606.3
L4630.0	504629.2	5408607.8	3690.69995	250.79	54.69	48.830431	-86.936924	56241.93	56268.8	-18.83	56223.10	56215.45313	56181.86716	56174.97656	504629.2	5408607.8
L4630.0	504629.2	5408607.8	3690.80005	247.25	54.81	48.830431	-86.936924	56242.87	56268.8	-18.84	56224.04	56216.17188	56181.95062	56174.78906	504629.2	5408607.8
L4630.0	504629.2	5408609.7	3690.89990	246.00	55.51	48.830448	-86.936924	56242.56	56268.8	-18.84	56223.72	56215.62891	56182.11563	56174.68359	504629.2	5408609.7
L4630.0	504629.1	5408611.2	3691.00000	248.18	55.51	48.830462	-86.936924	56242.97	56268.8	-18.85	56224.12	56215.80078	56182.23026	56174.52344	504629.1	5408611.2
L4630.0	504629.1	5408612.7	3691.10010	249.31	56.79	48.830475	-86.936924	56242.56	56268.9	-18.86	56223.71	56215.16016	56182.39655	56174.41406	504629.1	5408612.7
L4630.0	504629.1	5408614.0	3691.19995	250.53	56.79	48.830487	-86.936925	56243.20	56268.9	-18.87	56224.33	56215.54688	56182.49190	56174.22656	504629.1	5408614.0
L4630.0	504629.1	5408614.0	3691.30005	252.02	53.26	48.830487	-86.936925	56243.31	56268.9	-18.87	56224.43	56215.40625	56182.61969	56174.07422	504629.1	5408614.0
L4630.0	504629.1	5408615.5	3691.39990	256.65	53.26	48.830501	-86.936925	56242.36	56268.9	-18.88	56223.48	56214.21094	56182.81533	56173.98438	504629.1	5408615.5
L4630.0	504629.1	5408616.9	3691.50000	256.92	51.49	48.830513	-86.936925	56243.71	56268.9	-18.89	56224.82	56215.30469	56182.85620	56173.73438	504629.1	5408616.9
L4630.0	504629.1	5408618.6	3691.60010	253.99	53.1	48.830528	-86.936925	56243.25	56268.9	-18.90	56224.36	56214.58984	56183.01505	56173.60547	504629.1	5408618.6
L4630.0	504629.1	5408620.0	3691.69995	253.99	52.71	48.830541	-86.936925	56244.10	56268.9	-18.91	56225.20	56215.17578	56183.08527	56173.37891	504629.1	5408620.0
L4630.0	504629.1	5408620.0	3691.69995	253.99	55.83	48.830541	-86.936925	56243.64	56268.9	-18.91	56224.73	56214.44531	56183.24094	56173.23828	504629.1	5408620.0
L4630.0	504629.1	5408621.6	3691.80005	249.10	55.83	48.830555	-86.936925	56243.51	56268.9	-18.91	56224.59	56214.04297	56183.37278	56173.07422	504629.1	5408621.6

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4630.0	504629.1	5408622.7	3692.00000	250.23	57.27	48.830565	-86.936925	56243.79	56268.9	-18.93	56224.86	56214.04688	56183.47554	56172.87500	504629.1	5408622.7
L4630.0	504629.1	5408624.1	3692.10010	250.81	57.83	48.830578	-86.936925	56244.25	56268.9	-18.94	56225.32	56214.23438	56183.56395	56172.66016	504629.1	5408624.1
L4630.0	504629.1	5408625.4	3692.19995	251.80	57.83	48.830590	-86.936925	56244.57	56268.9	-18.95	56225.63	56214.26953	56183.66076	56172.45313	504629.1	5408625.4
L4630.0	504629.1	5408626.9	3692.30005	250.94	52.4	48.830603	-86.936925	56243.44	56269	-18.95	56224.48	56212.84375	56183.85336	56172.33984	504629.1	5408626.9
L4630.0	504629.1	5408626.9	3692.39990	251.03	48.62	48.830603	-86.936925	56244.60	56269	-18.96	56225.64	56213.72266	56183.89048	56172.06641	504629.1	5408626.9
L4630.0	504629.1	5408629.9	3692.50000	251.07	48.62	48.830630	-86.936925	56244.99	56269	-18.97	56226.02	56213.82031	56183.97820	56171.84375	504629.1	5408629.9
L4630.0	504629.1	5408629.9	3692.60010	249.56	50.52	48.830630	-86.936925	56244.79	56269	-18.98	56225.81	56213.32031	56184.10392	56171.65625	504629.1	5408629.9
L4630.0	504629.0	5408631.6	3692.69995	246.94	50.52	48.830645	-86.936926	56244.65	56269	-18.99	56225.67	56212.89063	56184.22368	56171.46094	504629.0	5408631.6
L4630.0	504629.0	5408633.1	3692.80005	244.68	50.52	48.830658	-86.936926	56244.76	56269	-18.99	56225.77	56212.69922	56184.32623	56171.24609	504629.0	5408633.1
L4630.0	504629.0	5408633.1	3692.89990	245.55	46.33	48.830658	-86.936926	56245.11	56269	-19.00	56226.11	56212.74219	56184.41161	56171.01563	504629.0	5408633.1
L4630.0	504629.0	5408634.5	3693.00000	249.31	48.6	48.830672	-86.936926	56245.47	56269	-19.01	56226.46	56212.79688	56184.49521	56170.78125	504629.0	5408634.5
L4630.0	504629.0	5408636.3	3693.10010	250.15	48.6	48.830687	-86.936926	56244.89	56269	-19.02	56225.87	56211.90625	56184.64041	56170.60547	504629.0	5408636.3
L4630.0	504628.9	5408637.7	3693.19995	253.14	51.79	48.830700	-86.936927	56244.76	56269	-19.02	56225.74	56211.47266	56184.75391	56170.39844	504628.9	5408637.7
L4630.0	504628.9	5408638.7	3693.30005	255.20	51.79	48.830709	-86.936927	56245.11	56269	-19.03	56226.08	56211.50781	56184.83508	56170.15625	504628.9	5408638.7
L4630.0	504628.9	5408638.7	3693.39990	255.10	46.89	48.830709	-86.936927	56245.32	56269	-19.04	56226.29	56211.41016	56184.92395	56169.92188	504628.9	5408638.7
L4630.0	504628.9	5408640.7	3693.50000	253.86	46.89	48.830727	-86.936927	56245.47	56269	-19.04	56226.43	56211.23828	56185.01654	56169.68750	504628.9	5408640.7
L4630.0	504628.9	5408641.8	3693.60010	253.13	47.13	48.830737	-86.936928	56246.06	56269.1	-19.05	56227.01	56211.50781	56185.07887	56169.42578	504628.9	5408641.8
L4630.0	504628.9	5408643.0	3693.69995	252.73	47.13	48.830747	-86.936928	56246.32	56269.1	-19.06	56227.26	56211.44531	56185.16227	56169.18359	504628.9	5408643.0
L4630.0	504628.8	5408644.5	3693.69995	252.73	53.11	48.830762	-86.936928	56246.30	56269.1	-19.06	56227.24	56211.11328	56185.26273	56168.95703	504628.8	5408644.5
L4630.0	504628.8	5408644.5	3693.80005	251.50	53.11	48.830762	-86.936928	56246.11	56269.1	-19.07	56227.05	56210.60547	56185.37359	56168.74219	504628.8	5408644.5
L4630.0	504628.8	5408647.7	3694.00000	249.98	50.97	48.830790	-86.936929	56247.23	56269.1	-19.08	56228.15	56211.39063	56185.39748	56168.43750	504628.8	5408647.7
L4630.0	504628.8	5408647.7	3694.10010	248.78	50.97	48.830790	-86.936929	56246.29	56269.1	-19.08	56227.20	56210.12109	56185.55705	56168.26953	504628.8	5408647.7
L4630.0	504628.8	5408649.0	3694.19995	244.95	51.25	48.830801	-86.936929	56247.59	56269.1	-19.09	56228.50	56211.10156	56185.56557	56167.94922	504628.8	5408649.0
L4630.0	504628.7	5408650.8	3694.30005	246.17	53.41	48.830817	-86.936929	56247.23	56269.1	-19.10	56228.13	56210.41406	56185.68434	56167.74219	504628.7	5408650.8
L4630.0	504628.7	5408650.8	3694.39990	247.21	53.41	48.830817	-86.936929	56247.67	56269.1	-19.10	56228.57	56210.53516	56185.74795	56167.47656	504628.7	5408650.8
L4630.0	504628.7	5408652.1	3694.50000	245.94	56.12	48.830829	-86.936930	56248.34	56269.1	-19.11	56229.23	56210.87500	56185.79567	56167.19922	504628.7	5408652.1
L4630.0	504628.7	5408653.4	3694.60010	244.45	57.2	48.830841	-86.936930	56247.98	56269.1	-19.11	56228.87	56210.19531	56185.91008	56166.98438	504628.7	5408653.4
L4630.0	504628.7	5408654.7	3694.69995	244.11	50.24	48.830853	-86.936930	56248.87	56269.1	-19.11	56229.75	56210.75391	56185.94040	56166.69141	504628.7	5408654.7
L4630.0	504628.7	5408656.3	3694.80005	244.65	50.24	48.830867	-86.936930	56249.04	56269.1	-19.12	56229.92	56210.60547	56186.01653	56166.44141	504628.7	5408656.3
L4630.0	504628.7	5408657.6	3694.89990	247.83	50.24	48.830879	-86.936930	56249.88	56269.1	-19.13	56230.76	56211.12500	56186.04635	56166.14453	504628.7	5408657.6
L4630.0	504628.7	5408658.9	3695.00000	249.61	48.41	48.830891	-86.936930	56250.38	56269.1	-19.13	56231.25	56211.29688	56186.09772	56165.87500	504628.7	5408658.9
L4630.0	504628.7	5408658.9	3695.10010	250.52	51	48.830891	-86.936930	56250.53	56269.1	-19.14	56231.39	56211.11719	56186.17049	56165.62500	504628.7	5408658.9
L4630.0	504628.7	5408660.2	3695.19995	250.04	51	48.830902	-86.936930	56251.60	56269.1	-19.15	56232.45	56211.86328	56186.17983	56165.31250	504628.7	5408660.2
L4630.0	504628.7	5408661.4	3695.30005	251.58	50.59	48.830913	-86.936930	56251.17	56269.2	-19.15	56232.01	56211.10547	56186.28691	56165.09766	504628.7	5408661.4
L4630.0	504628.7	5408663.0	3695.39990	250.25	51.61	48.830928	-86.936930	56252.00	56269.2	-19.16	56232.84	56211.62109	56186.30687	56164.80078	504628.7	5408663.0
L4630.0	504628.7	5408664.4	3695.50000	250.41	51.61	48.830940	-86.936930	56252.52	56269.2	-19.17	56233.35	56211.82031	56186.34551	56164.51953	504628.7	5408664.4
L4630.0	504628.7	5408665.9	3695.60010	249.32	51.71	48.830953	-86.936930	56252.18	56269.2	-19.18	56233.01	56211.16797	56186.43795	56164.29688	504628.7	5408665.9
L4630.0	504628.7	5408665.9	3695.69995	247.70	51.71	48.830953	-86.936930	56253.74	56269.2	-19.19	56234.56	56212.40625	56186.40129	56163.94531	504628.7	5408665.9
L4630.0	504628.7	5408667.9	3695.69995	247.70	48.84	48.830972	-86.936930	56253.72	56269.2	-19.19	56234.53	56212.07031	56186.46665	56163.69922	504628.7	5408667.9
L4630.0	504628.7	5408667.9	3695.80005	244.46	48.37	48.830972	-86.936930	56255.07	56269.2	-19.19	56235.87	56213.10547	56186.43709	56163.36328	504628.7	5408667.9
L4630.0	504628.6	5408671.0	3696.00000	247.29	48.37	48.831000	-86.936931	56254.38	56269.2	-19.21	56235.17	56212.10547	56186.53968	56163.15625	504628.6	5408671.0
L4630.0	504628.6	5408671.0	3696.10010	249.75	49.32	48.831000	-86.936931	56255.84	56269.2	-19.22	56236.62	56213.25391	56186.49482	56162.80859	504628.6	5408671.0
L4630.0	504628.6	5408672.5	3696.19995	250.45	47.25	48.831013	-86.936931	56256.92	56269.2	-19.22	56237.70	56214.03906	56186.47022	56162.48047	504628.6	5408672.5
L4630.0	504628.6	5408674.4	3696.30005	250.73	47.25	48.831030	-86.936931	56256.50	56269.2	-19.23	56237.27	56213.31641	56186.54158	56162.25391	504628.6	5408674.4
L4630.0	504628.6	5408674.4	3696.39990	251.11	50.54	48.831030	-86.936931	56258.32	56269.2	-19.23	56239.09	56214.84766	56186.45792	56161.87109	504628.6	5408674.4
L4630.0	504628.6	5408675.8	3696.50000	251.22	51.37	48.831043	-86.936931	56258.23	56269.2	-19.24	56238.99	56214.46094	56186.49692	56161.61719	504628.6	5408675.8
L4630.0	504628.6	5408677.4	3696.60010	249.35	51.37	48.831057	-86.936931	56259.00	56269.2	-19.25	56239.76	56214.94922	56186.47224	56161.30078	504628.6	5408677.4
L4630.0	504628.6	5408677.4	3696.69995	247.54	54.12	48.831057	-86.936931	56259.94	56269.3	-19.25	56240.69	56215.60156	56186.43088	56160.97266	504628.6	5408677.4
L4630.0	504628.6	5408679.2	3696.80005	247.55	49.33	48.831074	-86.936931	56261.44	56269.3	-19.26	56242.18	56216.81641	56186.34581	56160.60156	504628.6	5408679.2
L4630.0	504628.6	5408681.0	3696.89990	249.04	49.33	48.831089	-86.936931	56260.96	56269.3	-19.26	56241.69	56216.05469	56186.38601	56160.36328	504628.6	5408681.0
L4630.0	504628.6	5408681.0	3697.00000	249.00	52.63	48.831089	-86.936931	56262.09	56269.3	-19.27	56242.82	56216.92188	56186.31110	56160.01172	504628.6	5408681.0
L4630.0	504628.6	5408682.6	3697.10010	250.44	52.1	48.831104	-86.936931	56263.67	56269.3	-19.27	56244.39	56218.23047	56186.19936	56159.62500	504628.6	5408682.6
L4630.0	504628.6	5408684.3	3697.19995	250.36	52.1	48.831119	-86.936931	56263.01	56269.3	-19.28	56243.73	56217.31641	56186.22841	56159.38281	504628.6	5408684.3
L4630.0	504628.6	5408684.3	3697.30005	250.09	50.16	48.831119	-86.936931	56264.08	56269.3	-19.28	56244.80	56218.13281	56186.13384	56159.02344	504628.6	5408684.3
L4630.0	504628.6	5408686.0	3697.39990	250.43	50.95	48.831134	-86.936931	56264.58	56269.3	-19.29	56245.29	56218.37891	56186.06926	56158.69922	504628.6	5408686.0
L4630.0	504628.6	5408687.6	3697.50000	248.56	50.95	48.831149	-86.936931	56264.97	56269.3	-19.29	56245.68	56218.53125	56186.00224	56158.37500	504628.6	5408687.6
L4630.0	504628.6	5408687.6	3697.60010	249.22	52.81	48.831149	-86.936931	56266.35	56269.3	-19.30	56247.05	56219.66406	56185.86037	56157.98047	504628.6	5408687.6
L4630.0	504628.6	5408689.5	3697.69995	248.04	51.09	48.831166	-86.936931	56266.61	56269.3	-19.31	56247.30	56219.68750	56185.78323	56157.65234	504628.6	5408689.5
L4630.0	504628.6	5408689.5	3697.69995	248.04	51.09	48.831166	-86.936931	56267.81	56269.3	-19.31	56248.50	56220.66406	56185.63238	56157.25781	504628.6	5408689.5
L4630.0	504628.6	5408691.2	3697.80005	246.60	51.76	48.831182	-86.936931	56267.96	56269.3	-19.31	56248.65	56220.60156	56185.54071	56156.92969	504628.6	5408691.2
L4630.0	504628.6	5408692.8	3698.00000	247.80	51.76	48.831196	-86.936931	56268.90	56269.3	-19.32	56249.58	56221.32031	56185.38580	56156.53906	504628.6	5408692.8
L4630.0	504628.6	5408694.1	3698.10010	248.71	41.46	48.831207	-86.936931	56269.41	56269.3	-19.33	56250.08	56221.61719	56185.24785	56156.17188	504628.6	5408694.1
L4630.0	504628.6	5408695.7	3698.19995	248.24	41.46	48.831222	-86.936931	56270.11	56269.3	-19.33	56250.77	56222.10938	56185.08509	56155.78516	504628.6	5408695.7
L4630.0	504628.6	5408695.7	3698.30005	248.48	51.41	48.831222	-86.936931	56270.61	56269.3	-19.34	56251.26	56222.41016	56184.92307	56155.40625	504628.6	5408695.7
L4630.0	504628.6	5408697.2	3698.39990	246.64	46.67	48.831236	-86.936931	56271.40	56269.3	-19.35	56252.05	56223.01953	56184.72800	56155.00000	504628.6	5408697.2
L4630.0	504628.6	5408698.7	3698.50000	245.31	46.67	48.831249	-86.936931	56272.13	56269.4	-19.35	56252.77	56223.56250	56184.52409	56154.58594	504628.6	5408698.7
L4630.0	504628.6	5408700.4	3698.60010	243.27	47.44	48.831264	-86.936931	56272.93	56269.4	-19.36	56253.56	56224.18359	56184.30154	56154.16406	504628.6	5408700.4
L4630.0	504628.6	5408701.3	3698.69995	244.24	42.09	48.831272	-86.936931	56272.57	56269.4	-19.37	56253.21	56223.67578	56184.14057	56153.80469	504628.6	5408701.3
L4630.0	504628.6	5408702.6	3698.80005	243.74	46.69	48.831284	-86.936931	56273.40	56269.4	-19.38	56254.02	56224.33203	56183.88739	56153.36328	504628.6	5408702.6
L4630.0	504628.6	5408702.6	3698.89990	245.15	46.69	48.831284	-86.936931	56274.67	56269.4	-19.38	56255.28	56225.44531	56183.58886	56152.87891	504628.6	5408702.6
L4630.0	504628.6	5408704.5	3699.00000	246.62	47.11	48.831301	-86.936931	56275.05	56269.4	-19.39	56255.66	56225.68750	56183.33320	56152.44531	504628.6	5408704.5
L4630.0	504628.6	5408705.9	3699.10010	247.57	47.11	48.831314	-86.936930	56274.88	56269.4	-19.40	56255.48	56225.37891	56183.09863	56152.03906	504628.6	5408705.9
L4630.0	504628.6	5408705.9	3699.19995	246.97	48.97	48.831314	-86.936930	56275.74	56269.4	-19.40	56256.33	56226.10547	56182.77867	56151.55078	504628.6	5408705.9
L4630.0	504628.7	5408708.8	3699.30005	246.91	48.97	48.831339	-86.936930	56276.20	56269.4	-19.41	56256.79	56226.45313	56182.46756	56151.08203	504628.7	5408708.8
L4630.0	504628.7	5408708.8	3699.39990	246.77	46.87	48.831339	-86.936930	56276.50	56269.4	-19.42	56257.08	56226.63672	56182.15018	56150.60938	504628.7	5408708.8
L4630.0	504628.7	5408710.1	3699.50000	247.38	45.09	48.831351	-86.936929	56276.36	56269.4	-19.43	56256.93	56226.39063	56181.84409	56150.15625	504628.7	5408710.1
L4630.0	504628.7	5408711.8	3699.60010	248.04	45.09	48.831366	-86.936929	56277.38	56269.4	-19.43	56257.94	56227.31250	56181.44217	56149.61719	504628.7	5408711.8
L4630.0	504628.8	5408713.2	3699.69995	248.25	47.94	48.831379	-86.936929	56277.40	56269.4	-19.44	56257.96	56227.25391	56181.08734	56149.12891	504628.8	5408713.2
L4630.0	504628.8	5408713.2	3699.69995	248.25	48.03	48.831379	-86.936929	56277.42	56269.4	-19.44	56257.98	56227.19922	56180.71316	56148.62891	504628.8	5408713.2
L4630.0	504628.8	5408714.8	3699.80005	248.10	48.03	48.831393	-86.936928	56278.73	56269.4	-19.45	56259.28	56228.43750	56180.23389	56148.02734	504628.8	5408714.8
L4630.0	504628.8	5408716.6	3700.00000	250.35	47.91	48.831410	-86.936928	56277.22	56269.5	-19.46	56257.76	56226.86328	56179.92245	56147.60547	504628.8	5408716.6
L4630.0	504628.8	5408718.0	3700.10010	252.11	44.12	48.831422	-86.936927	56277.98	56269.5	-19.47	56258.51	56227.57031	56179.43911	56147.01563	504628.8	5408718.0
L4630.0	504628.8	5408718.0	3700.19995	251.48	44.12	48.831422	-86.936927	56278.57	56269.5	-19.47	56259.09	56228.11328	56178.94614	56146.42578	504628.8	5408718.0
L4630.0	504628.9	5408720.5	3700.30005	250.89	44.11	48.831445	-86.936927	56279.04	56269.5	-19.48	56259.56	56228.55469	56178.43916	56145.82813	504628.9	5408720.5
L4630.0	504628.9	5408720.5	3700.39990	250.31	44.14	48.831445	-86.936927	56278.86	56269.5	-19.49	56259.37	56228.34766	56177.95447	56145.25781	504628.9	5408720.5
L4630.0	504628.9	5408722.6	3700.50000	249.09	44.14	48.831464	-86.936927	56279.03	56269.5	-19.49	56259.53	56228.50000	56177.42438	56144.65234	504628.9	5408722.6
L4630.0	504628.9	5408722.6	3700.60010	247.45	45.96	48.831464	-86.936927	56278.68	56269.5	-19.50	56259.18	56228.14844	56176.90588	56144.06250	504628.9	5408722.6
L4630.0	504628.9	5408724.3	3700.69995	245.81	45.96	48.831479	-86.936926	56278.67	56269.5	-19.51	56259.16	56228.13672	56176.34265	56143.43750	504628.9	5408724.3
L4630.0	504628.9	5408726.0	3700.80005	247.79	42.47	48.831494	-86.936926	56279.19	56269.5	-19.52	56259.67	56228.66406	56175.72104	56142.76172	504628.9	5408726.0
L4630.0	504628.9	5408727.4	3700.89990	248.75	42.47	48.831507	-86.936926	56277.78	56269.5	-19.52	56258.25	56227.27344	56175.20475	56142.19922	504628.9	5408727.4
L4630.0	504628.9	5408727.4	3701.00000	249.48	41.05	48.831507	-86.936926	56277.25	56269.5	-19.53	56257.72	56226.77734	56174.60550	56141.56250	504628.9	5408727.4
L4630.0	504628.9	5408729.1	3701.10010	249.85	41.05	48.831522	-86.936926	56277.45	56269.5	-19.53	56257.91	56227.01172	56173.93436	56140.85938	504628.9	5408729.1
L4630.0	504628.9	5408731.2	3701.19995	250.94	46.51	48.831541	-86.936926	56277.66	56269.5	-19.54	56258.12	56227.27734	56173.23777	56140.14063	504628.9	5408731.2

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4630.0	504628.9	5408731.2	3701.30005	250.22	45.24	48.831541	-86.936926	56277.87	56269.5	-19.54	56258.32	56227.53906	56172.51749	56139.40625	504628.9	5408731.2
L4630.0	504628.9	5408732.9	3701.39990	248.25	45.24	48.831556	-86.936927	56275.79	56269.6	-19.55	56256.24	56225.53516	56171.92466	56138.80469	504628.9	5408732.9
L4630.0	504628.9	5408734.5	3701.50000	246.65	42.89	48.831571	-86.936927	56276.05	56269.6	-19.56	56256.50	56225.87500	56171.15109	56138.03125	504628.9	5408734.5
L4630.0	504628.9	5408734.5	3701.60010	248.40	42.89	48.831571	-86.936927	56274.52	56269.6	-19.56	56254.96	56224.42578	56170.47263	56137.35938	504628.9	5408734.5
L4630.0	504628.9	5408736.2	3701.69995	251.14	40.8	48.831586	-86.936927	56274.49	56269.6	-19.57	56254.92	56224.48438	56169.66915	56136.57031	504628.9	5408736.2
L4630.0	504628.8	5408738.1	3701.69995	251.14	40.8	48.831603	-86.936927	56274.14	56269.6	-19.57	56254.57	56224.24219	56168.86119	56135.78906	504628.8	5408738.1
L4630.0	504628.8	5408738.1	3701.80005	251.82	44.69	48.831603	-86.936927	56272.29	56269.6	-19.57	56252.72	56222.51172	56168.12800	56135.08594	504628.8	5408738.1
L4630.0	504628.8	5408739.8	3702.00000	251.31	44.12	48.831618	-86.936927	56272.14	56269.6	-19.58	56252.56	56222.47656	56167.25684	56134.25391	504628.8	5408739.8
L4630.0	504628.8	5408741.2	3702.10010	251.34	44.12	48.831631	-86.936928	56271.07	56269.6	-19.58	56251.49	56221.54297	56166.42102	56133.46484	504628.8	5408741.2
L4630.0	504628.8	5408741.2	3702.19995	248.79	35.83	48.831631	-86.936928	56270.21	56269.6	-19.59	56250.62	56220.81641	56165.54652	56132.64844	504628.8	5408741.2
L4630.0	504628.8	5408742.6	3702.30005	250.05	35.83	48.831644	-86.936928	56268.66	56269.6	-19.59	56249.07	56219.41797	56164.69202	56131.85547	504628.8	5408742.6
L4630.0	504628.8	5408743.8	3702.39990	248.99	44.75	48.831655	-86.936928	56266.96	56269.6	-19.60	56247.37	56217.87891	56163.82221	56131.05859	504628.8	5408743.8
L4630.0	504628.8	5408745.5	3702.50000	249.36	44.75	48.831670	-86.936928	56266.20	56269.6	-19.60	56246.59	56217.26953	56162.86584	56130.17969	504628.8	5408745.5
L4630.0	504628.8	5408745.5	3702.60010	246.90	39.65	48.831670	-86.936928	56264.88	56269.6	-19.60	56245.27	56216.12500	56161.92031	56129.32422	504628.8	5408745.5
L4630.0	504628.8	5408747.4	3702.69995	247.34	42.63	48.831687	-86.936928	56262.81	56269.6	-19.61	56243.20	56214.24219	56160.99975	56128.49609	504628.8	5408747.4
L4630.0	504628.8	5408749.1	3702.80005	250.31	42.63	48.831702	-86.936928	56261.72	56269.6	-19.61	56242.11	56213.34375	56159.98897	56127.58984	504628.8	5408749.1
L4630.0	504628.7	5408750.3	3702.89990	251.37	40.57	48.831712	-86.936928	56259.56	56269.6	-19.62	56239.95	56211.38672	56159.02479	56126.73828	504628.7	5408750.3
L4630.0	504628.7	5408750.3	3703.00000	253.59	40.57	48.831712	-86.936928	56257.62	56269.6	-19.62	56238.00	56209.64453	56158.02207	56125.85547	504628.7	5408750.3
L4630.0	504628.7	5408752.2	3703.10010	251.85	43.41	48.831730	-86.936928	56256.25	56269.6	-19.63	56236.62	56208.48438	56156.95703	56124.91406	504628.7	5408752.2
L4630.0	504628.7	5408753.7	3703.19995	251.44	43.66	48.831744	-86.936928	56253.90	56269.6	-19.63	56234.26	56206.34766	56155.93324	56124.02734	504628.7	5408753.7
L4630.0	504628.7	5408753.7	3703.30005	252.03	43.66	48.831744	-86.936928	56252.87	56269.6	-19.64	56233.23	56205.55078	56154.79697	56123.03516	504628.7	5408753.7
L4630.0	504628.7	5408755.1	3703.39990	249.13	43.69	48.831756	-86.936928	56250.15	56269.6	-19.65	56230.50	56203.05859	56153.75051	56122.13672	504628.7	5408755.1
L4630.0	504628.7	5408756.8	3703.50000	249.02	43.26	48.831771	-86.936928	56247.61	56269.7	-19.65	56227.96	56200.76953	56152.66816	56121.21484	504628.7	5408756.8
L4630.0	504628.8	5408758.3	3703.60010	249.07	43.26	48.831785	-86.936928	56246.11	56269.7	-19.66	56226.45	56199.51172	56151.49426	56120.20703	504628.8	5408758.3
L4630.0	504628.8	5408759.8	3703.69995	246.56	40.82	48.831798	-86.936928	56243.82	56269.7	-19.67	56224.15	56197.47266	56150.35050	56119.23438	504628.8	5408759.8
L4630.0	504628.8	5408761.3	3703.69995	246.56	40.82	48.831812	-86.936928	56241.74	56269.7	-19.67	56222.07	56195.66016	56149.16992	56118.23438	504628.8	5408761.3
L4630.0	504628.8	5408761.3	3703.80005	248.38	42.31	48.831812	-86.936928	56238.82	56269.7	-19.68	56219.14	56193.00391	56148.02424	56117.27734	504628.8	5408761.3
L4630.0	504628.8	5408763.2	3704.00000	246.80	42.31	48.831829	-86.936928	56237.34	56269.7	-19.69	56217.65	56191.79688	56146.76121	56116.21094	504628.8	5408763.2
L4630.0	504628.8	5408764.9	3704.10010	249.63	42.15	48.831844	-86.936928	56233.48	56269.7	-19.69	56213.79	56188.22266	56145.63527	56115.28906	504628.8	5408764.9
L4630.0	504628.8	5408764.9	3704.19995	247.71	42.17	48.831844	-86.936928	56231.59	56269.7	-19.70	56211.89	56186.61719	56144.35819	56114.22266	504628.8	5408764.9
L4630.0	504628.8	5408766.0	3704.30005	246.55	42.17	48.831855	-86.936928	56229.19	56269.7	-19.71	56209.48	56184.50781	56143.09511	56113.17969	504628.8	5408766.0
L4630.0	504628.8	5408767.5	3704.39990	245.36	35.82	48.831868	-86.936928	56226.56	56269.7	-19.71	56206.85	56182.17969	56141.82717	56112.13672	504628.8	5408767.5
L4630.0	504628.8	5408768.5	3704.50000	245.70	36.48	48.831877	-86.936928	56223.86	56269.7	-19.72	56204.14	56179.78125	56140.54553	56111.08594	504628.8	5408768.5
L4630.0	504628.8	5408770.2	3704.60010	247.62	36.48	48.831892	-86.936928	56221.29	56269.7	-19.72	56201.57	56177.52734	56139.23603	56110.01953	504628.8	5408770.2
L4630.0	504628.8	5408771.8	3704.69995	247.21	41.86	48.831906	-86.936928	56219.33	56269.7	-19.72	56199.61	56175.89063	56137.86786	56108.89844	504628.8	5408771.8
L4630.0	504628.8	5408771.8	3704.80005	246.20	41.86	48.831906	-86.936928	56215.26	56269.7	-19.73	56195.53	56172.13281	56136.62355	56107.90625	504628.8	5408771.8
L4630.0	504628.7	5408773.6	3704.89990	246.89	40.62	48.831923	-86.936928	56212.19	56269.7	-19.74	56192.46	56169.39453	56135.29497	56106.83594	504628.7	5408773.6
L4630.0	504628.7	5408774.8	3705.00000	247.08	42.08	48.831933	-86.936928	56209.89	56269.7	-19.74	56190.15	56167.42188	56133.89934	56105.71094	504628.7	5408774.8
L4630.0	504628.7	5408774.8	3705.10010	246.10	42.08	48.831933	-86.936928	56205.88	56269.7	-19.74	56186.14	56163.75000	56132.60122	56104.68359	504628.7	5408774.8
L4630.0	504628.7	5408776.6	3705.19995	246.29	42.2	48.831949	-86.936928	56203.21	56269.7	-19.75	56183.46	56161.41406	56131.19918	56103.56250	504628.7	5408776.6
L4630.0	504628.7	5408777.8	3705.30005	244.51	42.2	48.831961	-86.936928	56200.66	56269.8	-19.75	56180.91	56159.21094	56129.77380	56102.42578	504628.7	5408777.8
L4630.0	504628.7	5408779.6	3705.39990	245.96	42.83	48.831977	-86.936928	56199.03	56269.8	-19.76	56179.28	56157.93359	56128.27298	56101.21484	504628.7	5408779.6
L4630.0	504628.7	5408779.6	3705.50000	247.75	43.02	48.831977	-86.936928	56195.55	56269.8	-19.76	56175.79	56154.80078	56126.88265	56100.12500	504628.7	5408779.6
L4630.0	504628.7	5408781.1	3705.60010	250.47	43.02	48.831990	-86.936928	56192.28	56269.8	-19.76	56172.52	56151.89063	56125.46474	56099.01172	504628.7	5408781.1
L4630.0	504628.7	5408782.4	3705.69995	253.59	39.25	48.832002	-86.936928	56190.00	56269.8	-19.77	56170.23	56149.96094	56123.96919	56097.82813	504628.7	5408782.4
L4630.0	504628.7	5408784.1	3705.69995	253.59	44.21	48.832017	-86.936928	56186.06	56269.8	-19.77	56166.29	56146.38672	56122.57194	56096.74609	504628.7	5408784.1
L4630.0	504628.7	5408785.4	3705.80005	252.91	45.03	48.832028	-86.936928	56183.46	56269.8	-19.77	56163.69	56144.15234	56121.07426	56095.57422	504628.7	5408785.4
L4630.0	504628.7	5408786.7	3706.00000	253.06	45.03	48.832041	-86.936928	56180.16	56269.8	-19.78	56160.38	56141.21484	56119.61343	56094.44141	504628.7	5408786.7
L4630.0	504628.7	5408786.7	3706.10010	250.91	45.03	48.832041	-86.936928	56177.31	56269.8	-19.78	56157.53	56138.73438	56118.11210	56093.27344	504628.7	5408786.7
L4630.0	504628.7	5408788.5	3706.19995	249.18	45.87	48.832057	-86.936928	56173.94	56269.8	-19.79	56154.15	56135.73047	56116.63687	56092.13672	504628.7	5408788.5
L4630.0	504628.7	5408790.0	3706.30005	249.95	45.46	48.832070	-86.936928	56171.39	56269.8	-19.79	56151.60	56133.55469	56115.09772	56090.94141	504628.7	5408790.0
L4630.0	504628.7	5408791.2	3706.39990	248.98	45.46	48.832081	-86.936928	56168.45	56269.8	-19.80	56148.66	56130.99219	56113.57664	56089.76953	504628.7	5408791.2
L4630.0	504628.7	5408792.4	3706.50000	249.80	45.25	48.832092	-86.936928	56165.64	56269.8	-19.80	56145.84	56128.55469	56112.04025	56088.58984	504628.7	5408792.4
L4630.0	504628.7	5408792.4	3706.60010	250.19	46.23	48.832092	-86.936928	56162.46	56269.8	-19.80	56142.65	56125.74609	56110.52190	56087.42969	504628.7	5408792.4
L4630.0	504628.7	5408795.5	3706.69995	249.99	46.23	48.832120	-86.936928	56158.77	56269.8	-19.81	56138.97	56122.44531	56109.03023	56086.30078	504628.7	5408795.5
L4630.0	504628.7	5408795.5	3706.80005	249.84	46.72	48.832120	-86.936928	56156.46	56269.8	-19.81	56136.65	56120.50781	56107.44260	56085.08203	504628.7	5408795.5
L4630.0	504628.7	5408797.2	3706.89990	250.15	46.72	48.832134	-86.936928	56153.18	56269.8	-19.82	56133.37	56117.61328	56105.91434	56083.92578	504628.7	5408797.2
L4630.0	504628.7	5408798.6	3707.00000	248.79	46.73	48.832147	-86.936928	56150.11	56269.8	-19.82	56130.29	56114.91797	56104.36882	56082.75781	504628.7	5408798.6
L4630.0	504628.7	5408798.6	3707.10010	248.61	47.17	48.832147	-86.936928	56146.75	56269.8	-19.83	56126.93	56111.94141	56102.83873	56081.60938	504628.7	5408798.6
L4630.0	504628.7	5408800.2	3707.19995	247.42	47.17	48.832161	-86.936928	56143.98	56269.8	-19.83	56124.15	56109.54297	56101.26747	56080.42188	504628.7	5408800.2
L4630.0	504628.7	5408801.5	3707.30005	246.89	46.4	48.832173	-86.936928	56140.84	56269.8	-19.84	56121.00	56106.77734	56099.71907	56079.26172	504628.7	5408801.5
L4630.0	504628.7	5408802.9	3707.39990	247.17	46.4	48.832186	-86.936928	56137.29	56269.8	-19.84	56117.45	56103.60938	56098.19629	56078.13281	504628.7	5408802.9
L4630.0	504628.8	5408804.3	3707.50000	246.80	46.61	48.832199	-86.936928	56134.43	56269.8	-19.85	56114.58	56101.12500	56096.62787	56076.96094	504628.8	5408804.3
L4630.0	504628.8	5408804.3	3707.60010	248.23	42.08	48.832199	-86.936928	56131.12	56269.9	-19.86	56111.26	56098.18750	56095.08991	56075.82031	504628.8	5408804.3
L4630.0	504628.8	5408805.9	3707.69995	249.74	40.78	48.832213	-86.936927	56127.90	56269.9	-19.86	56108.04	56095.34766	56093.54653	56074.67969	504628.8	5408805.9
L4630.0	504628.8	5408808.0	3707.69995	249.74	40.78	48.832232	-86.936927	56124.44	56269.9	-19.86	56104.58	56092.26953	56092.02118	56073.55859	504628.8	5408808.0
L4630.0	504628.8	5408808.0	3707.80005	250.98	40.78	48.832232	-86.936927	56122.21	56269.9	-19.87	56102.35	56090.41797	56090.41667	56072.36328	504628.8	5408808.0
L4630.0	504628.8	5408809.6	3708.00000	250.84	46.71	48.832246	-86.936927	56117.28	56269.9	-19.88	56097.40	56085.84375	56088.99717	56071.35547	504628.8	5408809.6
L4630.0	504628.8	5408810.8	3708.10010	249.26	48.99	48.832257	-86.936927	56114.25	56269.9	-19.88	56094.36	56083.17969	56087.45486	56070.22656	504628.8	5408810.8
L4630.0	504628.8	5408812.5	3708.19995	247.01	48.99	48.832272	-86.936927	56111.72	56269.9	-19.89	56091.83	56081.02344	56085.88393	56069.07031	504628.8	5408812.5
L4630.0	504628.8	5408812.5	3708.30005	247.78	35.95	48.832272	-86.936927	56107.67	56269.9	-19.89	56087.77	56077.33594	56084.42125	56068.02734	504628.8	5408812.5
L4630.0	504628.8	5408814.3	3708.39990	248.58	35.95	48.832288	-86.936927	56104.72	56269.9	-19.90	56084.82	56074.75391	56082.89173	56066.91797	504628.8	5408814.3
L4630.0	504628.8	5408816.0	3708.50000	251.95	32.94	48.832304	-86.936927	56100.31	56269.9	-19.90	56080.41	56070.71094	56081.46761	56065.91406	504628.8	5408816.0
L4630.0	504628.8	5408816.0	3708.60010	251.27	35.21	48.832304	-86.936927	56097.37	56269.9	-19.91	56077.46	56068.12500	56079.95515	56064.82422	504628.8	5408816.0
L4630.0	504628.8	5408819.1	3708.69995	252.54	35.21	48.832331	-86.936927	56093.94	56269.9	-19.92	56074.03	56065.05859	56078.48464	56063.77734	504628.8	5408819.1
L4630.0	504628.8	5408819.1	3708.80005	250.44	50.64	48.832331	-86.936927	56090.06	56269.9	-19.92	56070.14	56061.52734	56077.05570	56062.77734	504628.8	5408819.1
L4630.0	504628.8	5408820.6	3708.89990	248.41	50.64	48.832345	-86.936927	56086.53	56269.9	-19.93	56066.60	56058.33984	56075.61531	56061.76172	504628.8	5408820.6
L4630.0	504628.8	5408822.1	3709.00000	247.55	55.29	48.832358	-86.936927	56083.32	56269.9	-19.93	56063.39	56055.48438	56074.16580	56060.74219	504628.8	5408822.1
L4630.0	504628.8	5408823.2	3709.10010	247.00	54.21	48.832369	-86.936926	56079.52	56269.9	-19.94	56059.58	56052.02344	56072.77019	56059.77344	504628.8	5408823.2
L4630.0	504628.8	5408823.2	3709.19995	248.51	54.21	48.832369	-86.936926	56075.57	56269.9	-19.94	56055.62	56048.41016	56071.39948	56058.83594	504628.8	5408823.2
L4630.0	504628.8	5408825.4	3709.19995	248.51	55.3	48.832389	-86.936926	56072.26	56269.9	-19.94	56052.32	56045.45313	56070.00072	56057.86719	504628.8	5408825.4
L4630.0	504628.8	5408827.1	3709.39990	250.94	55.3	48.832404	-86.936926	56069.05	56270	-19.95	56049.09	56042.55859	56068.61428	56056.91016	504628.8	5408827.1
L4630.0	504628.8	5408827.1	3709.50000	251.82	56.88	48.832404	-86.936926	56064.41	56270	-19.96	56044.45	56038.25391	56067.33989	56056.06641	504628.8	5408827.1
L4630.0	504628.8	5408828.3	3709.60010	251.58	56.88	48.832415	-86.936926	56061.38	56270	-19.97	56041.42	56035.55859	56065.97727	56055.13281	504628.8	5408828.3
L4630.0	504628.8	5408829.7	3709.69995	251.58	56.34	48.832427	-86.936926	56057.13	56270	-19.97	56037.16	56031.62500	56064.71682	56054.30469	504628.8	5408829.7
L4630.0	504628.8	5408831.0	3709.69995	251.84	57.44	48.832439	-86.936926	56054.32	56270	-19.97	56034.35	56029.13672	56063.38096	56053.39844	504628.8	5408831.0
L4630.0	504628.8	5408832.7	3709.80005	251.27	57.44	48.832454	-86.936926	56050.10	56270	-19.98	56030.12	56025.22266	56062.16208	56052.60938	504628.8	5408832.7
L4630.0	504628.8	5408832.7	3709.89990	251.27	57.36	48.832454	-86.936926	56046.69	56270	-19.98	56026.70	56022.11719	56060.91259	56051.78906	504628.8	5408832.7
L4630.0	504628.8	5408834.4	3710.00000	247.34	57.36	48.832469	-86.936927	56043.27	56270	-19.99	56023.28	56019.00781	56059.68757	56050.99219	504628.8	5408834.4
L4630.0	504628.8	5408835.9	3710.10010	245.84	57.88	48.832483	-86.936927	56038.82	56270	-20.00	56018.82	56014.85156	56058.55743	56050.28906	504628.8	5408835.9
L4630.0	504628.8	5408837.5	3710.30005	246.30	57.88	48.832498	-86.936927	56035.91	56270	-20.01	56015.90	56012.23047	56057.35121	56049.51172	504628.8	5408837.5
L4630.0	504628.8	5408839.0	3710.39990	246.76	57.88	48.832511	-86.936927	56032.57	56270	-20.02	56012.55	56009.17578	56056.20131	56048.78516	504628.8	5408839.0
L4630.0	504628.8	5408839.0	3710.50000	247.44	35.88	48.832511	-86.936927	56029.92	56270	-20.02	56009.89	56006.80859	56055.03410	56048.03906	504628.8	5408839.0

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4630.0	504628.8	5408840.5	3710.60010	248.42	40.74	48.832524	-86.936927	56025.79	56270	-20.03	56005.76	56002.96484	56053.99461	56047.42188	504628.8	5408840.5
L4630.0	504628.8	5408841.7	3710.69995	248.95	47.56	48.832535	-86.936927	56022.53	56270	-20.04	56002.49	55999.97266	56052.92852	56046.77734	504628.8	5408841.7
L4630.0	504628.8	5408843.2	3710.80005	247.62	47.56	48.832548	-86.936927	56019.85	56270	-20.05	55999.80	55997.55859	56051.85548	56046.12109	504628.8	5408843.2
L4630.0	504628.8	5408843.2	3710.89990	244.77	58.28	48.832548	-86.936927	56015.97	56270.1	-20.05	55995.92	55993.94922	56050.89446	56045.57813	504628.8	5408843.2
L4630.0	504628.8	5408845.2	3711.00000	244.32	58.28	48.832566	-86.936927	56013.02	56270.1	-20.06	55992.96	55991.25391	56049.90573	56045.00000	504628.8	5408845.2
L4630.0	504628.7	5408846.7	3711.10010	245.17	58.37	48.832580	-86.936927	56010.56	56270.1	-20.07	55990.50	55989.05469	56048.91823	56044.42578	504628.7	5408846.7
L4630.0	504628.7	5408848.1	3711.19995	245.98	58.53	48.832593	-86.936927	56006.80	56270.1	-20.08	55986.72	55985.53125	56048.05415	56043.96875	504628.7	5408848.1
L4630.0	504628.7	5408848.1	3711.30005	246.61	58.53	48.832593	-86.936927	56004.62	56270.1	-20.08	55984.54	55983.59766	56047.11970	56043.44141	504628.7	5408848.1
L4630.0	504628.7	5408850.3	3711.39990	248.77	55.75	48.832613	-86.936927	56002.70	56270.1	-20.09	55982.61	55981.91406	56046.20569	56042.92969	504628.7	5408850.3
L4630.0	504628.7	5408851.5	3711.50000	248.36	55.75	48.832623	-86.936928	55999.26	56270.1	-20.10	55979.16	55978.70313	56045.43090	56042.55469	504628.7	5408851.5
L4630.0	504628.7	5408853.0	3711.60010	247.67	57.54	48.832637	-86.936928	55997.26	56270.1	-20.11	55977.15	55976.92578	56044.59873	56042.12109	504628.7	5408853.0
L4630.0	504628.7	5408853.0	3711.69995	248.71	57.54	48.832637	-86.936928	55993.90	56270.1	-20.12	55973.78	55973.78125	56043.89656	56041.81250	504628.7	5408853.0
L4630.0	504628.7	5408854.9	3711.69995	248.71	58.16	48.832654	-86.936928	55992.20	56270.1	-20.12	55972.08	55972.30469	56043.12303	56041.42969	504628.7	5408854.9
L4630.0	504628.7	5408856.3	3711.80005	246.25	58.16	48.832667	-86.936928	55990.73	56270.1	-20.12	55970.61	55971.05078	56042.37475	56041.07031	504628.7	5408856.3
L4630.0	504628.7	5408857.8	3712.00000	248.42	58.93	48.832680	-86.936928	55988.96	56270.1	-20.14	55968.82	55969.47266	56041.68895	56040.76563	504628.7	5408857.8
L4630.0	504628.7	5408857.8	3712.10010	250.86	58.83	48.832680	-86.936928	55987.22	56270.1	-20.15	55967.07	55967.92969	56041.04213	56040.50000	504628.7	5408857.8
L4630.0	504628.7	5408859.7	3712.19995	251.70	58.83	48.832697	-86.936928	55985.09	56270.2	-20.15	55964.94	55966.00000	56040.46275	56040.29688	504628.7	5408859.7
L4630.0	504628.7	5408860.9	3712.30005	251.71	58.41	48.832708	-86.936928	55984.36	56270.2	-20.16	55964.20	55965.45313	56039.83321	56040.03906	504628.7	5408860.9
L4630.0	504628.7	5408862.3	3712.39990	251.13	57.3	48.832721	-86.936928	55982.54	56270.2	-20.17	55962.37	55963.81250	56039.31919	56039.89063	504628.7	5408862.3
L4630.0	504628.7	5408862.3	3712.50000	250.29	57.3	48.832721	-86.936928	55981.63	56270.2	-20.18	55961.45	55963.07422	56038.78765	56039.72266	504628.7	5408862.3
L4630.0	504628.7	5408863.8	3712.60010	247.68	54.34	48.832734	-86.936928	55980.67	56270.2	-20.18	55960.49	55962.29297	56038.30214	56039.59766	504628.7	5408863.8
L4630.0	504628.7	5408865.2	3712.69995	246.82	55.49	48.832747	-86.936928	55980.34	56270.2	-20.19	55960.15	55962.12500	56037.81885	56039.46875	504628.7	5408865.2
L4630.0	504628.7	5408866.6	3712.80005	246.20	55.49	48.832760	-86.936928	55979.91	56270.2	-20.20	55959.71	55961.85156	56037.38590	56039.38672	504628.7	5408866.6
L4630.0	504628.7	5408866.6	3712.89990	246.12	56.63	48.832760	-86.936928	55979.45	56270.2	-20.20	55959.25	55961.55469	56036.99799	56039.34375	504628.7	5408866.6
L4630.0	504628.7	5408868.3	3713.00000	249.77	57.67	48.832774	-86.936928	55978.62	56270.2	-20.21	55958.41	55960.87109	56036.67914	56039.36328	504628.7	5408868.3
L4630.0	504628.7	5408869.5	3713.10010	249.81	57.11	48.832785	-86.936928	55978.26	56270.2	-20.21	55958.05	55960.66016	56036.37195	56039.39453	504628.7	5408869.5
L4630.0	504628.7	5408870.9	3713.19995	250.52	57.11	48.832798	-86.936928	55978.39	56270.2	-20.22	55958.17	55960.92578	56036.07629	56039.42969	504628.7	5408870.9
L4630.0	504628.7	5408872.3	3713.30005	250.47	56.09	48.832810	-86.936928	55978.52	56270.2	-20.22	55958.29	55961.18750	56035.82399	56039.50391	504628.7	5408872.3
L4630.0	504628.7	5408873.7	3713.39990	248.43	54.37	48.832823	-86.936928	55979.10	56270.2	-20.23	55958.87	55961.90234	56035.58413	56039.58203	504628.7	5408873.7
L4630.0	504628.7	5408873.7	3713.50000	247.14	49.28	48.832823	-86.936928	55978.41	56270.2	-20.24	55958.18	55961.34375	56035.47176	56039.78516	504628.7	5408873.7
L4630.0	504628.7	5408876.1	3713.60010	245.24	52.35	48.832845	-86.936928	55980.16	56270.2	-20.24	55959.92	55963.20703	56035.23985	56039.86328	504628.7	5408876.1
L4630.0	504628.7	5408876.1	3713.69995	242.43	52.35	48.832845	-86.936928	55981.09	56270.2	-20.25	55960.85	55964.25781	56035.10400	56040.03516	504628.7	5408876.1
L4630.0	504628.7	5408877.0	3713.69995	242.43	59.51	48.832853	-86.936928	55982.11	56270.2	-20.25	55961.86	55965.37891	56035.00441	56040.23438	504628.7	5408877.0
L4630.0	504628.7	5408878.5	3713.80005	242.17	59.51	48.832866	-86.936928	55983.09	56270.3	-20.25	55962.84	55966.46875	56034.94790	56040.47266	504628.7	5408878.5
L4630.0	504628.7	5408879.9	3714.00000	242.75	38.29	48.832879	-86.936928	55984.36	56270.3	-20.26	55964.10	55967.83203	56034.91323	56040.72656	504628.7	5408879.9
L4630.0	504628.7	5408881.6	3714.10010	242.50	38.29	48.832894	-86.936928	55985.77	56270.3	-20.27	55965.50	55969.33203	56034.90912	56041.00391	504628.7	5408881.6
L4630.0	504628.7	5408883.0	3714.19995	244.59	41.4	48.832907	-86.936928	55986.71	56270.3	-20.28	55966.44	55970.36719	56034.97490	56041.34766	504628.7	5408883.0
L4630.0	504628.7	5408883.0	3714.30005	244.90	49.88	48.832907	-86.936928	55988.98	56270.3	-20.28	55968.70	55972.71484	56034.99120	56041.63672	504628.7	5408883.0
L4630.0	504628.7	5408884.4	3714.39990	243.87	49.88	48.832919	-86.936928	55990.36	56270.3	-20.29	55970.06	55974.16016	56035.10527	56042.01563	504628.7	5408884.4
L4630.0	504628.7	5408885.9	3714.50000	245.06	57.62	48.832932	-86.936928	55992.68	56270.3	-20.30	55972.38	55976.56250	56035.19232	56042.36328	504628.7	5408885.9
L4630.0	504628.7	5408887.3	3714.60010	244.15	57.62	48.832946	-86.936928	55994.22	56270.3	-20.31	55973.92	55978.17578	56035.36751	56042.79297	504628.7	5408887.3
L4630.0	504628.7	5408888.8	3714.69995	245.11	49.32	48.832959	-86.936928	55996.81	56270.3	-20.32	55976.49	55980.81641	56035.50932	56043.17969	504628.7	5408888.8
L4630.0	504628.7	5408890.0	3714.80005	248.61	52.68	48.832969	-86.936928	55998.70	56270.3	-20.32	55978.38	55982.77344	56035.73084	56043.64453	504628.7	5408890.0
L4630.0	504628.7	5408890.9	3714.89990	249.29	52.68	48.832978	-86.936928	56001.06	56270.3	-20.33	55980.72	55985.17578	56035.95581	56044.10547	504628.7	5408890.9
L4630.0	504628.7	5408890.9	3715.00000	249.95	56.97	48.832978	-86.936928	56003.16	56270.3	-20.34	55982.82	55987.33203	56036.22929	56044.60938	504628.7	5408890.9
L4630.0	504628.6	5408892.6	3715.10010	250.57	59.53	48.832993	-86.936928	56005.58	56270.3	-20.34	55985.23	55989.79688	56036.51361	56045.11719	504628.6	5408892.6
L4630.0	504628.6	5408893.8	3715.19995	251.45	60.93	48.833004	-86.936928	56008.59	56270.3	-20.35	55988.24	55992.85547	56036.78845	56045.61328	504628.6	5408893.8
L4630.0	504628.6	5408895.2	3715.30005	252.32	60.56	48.833017	-86.936928	56010.56	56270.4	-20.35	55990.21	55994.87109	56037.16213	56046.19922	504628.6	5408895.2
L4630.0	504628.6	5408895.2	3715.39990	252.06	61.65	48.833017	-86.936928	56013.14	56270.4	-20.36	55992.79	55997.49219	56037.52361	56046.76563	504628.6	5408895.2
L4630.0	504628.6	5408897.7	3715.50000	250.58	61.65	48.833039	-86.936928	56016.26	56270.4	-20.36	55995.90	56000.64063	56037.87717	56047.32031	504628.6	5408897.7
L4630.0	504628.7	5408899.2	3715.60010	247.62	60.87	48.833052	-86.936928	56018.61	56270.4	-20.36	55998.25	56003.02344	56038.30775	56047.94531	504628.7	5408899.2
L4630.0	504628.7	5408899.2	3715.69995	248.91	60.8	48.833052	-86.936928	56021.06	56270.4	-20.37	56000.70	56005.50391	56038.75696	56048.58203	504628.7	5408899.2
L4630.0	504628.6	5408901.5	3715.69995	248.91	61.45	48.833073	-86.936928	56024.04	56270.4	-20.37	56003.68	56008.50781	56039.19507	56049.19922	504628.6	5408901.5
L4630.0	504628.6	5408902.5	3715.80005	247.09	57.12	48.833082	-86.936928	56026.47	56270.4	-20.37	56006.10	56010.94922	56039.69366	56049.87500	504628.6	5408902.5
L4630.0	504628.6	5408903.8	3716.00000	245.34	57.12	48.833093	-86.936928	56029.64	56270.4	-20.38	56009.26	56014.12891	56040.16501	56050.51563	504628.6	5408903.8
L4630.0	504628.7	5408905.2	3716.10010	243.98	59.95	48.833106	-86.936928	56031.82	56270.4	-20.39	56011.43	56016.31641	56040.72337	56051.23828	504628.7	5408905.2
L4630.0	504628.7	5408905.2	3716.19995	243.60	63.49	48.833106	-86.936928	56034.94	56270.4	-20.39	56014.55	56019.44922	56041.23834	56051.91016	504628.7	5408905.2
L4630.0	504628.7	5408906.6	3716.30005	244.55	59.11	48.833119	-86.936928	56037.48	56270.4	-20.40	56017.08	56021.98438	56041.81155	56052.63281	504628.7	5408906.6
L4630.0	504628.7	5408907.8	3716.39990	246.13	59.78	48.833130	-86.936928	56040.28	56270.4	-20.41	56019.87	56024.78125	56042.38528	56053.35547	504628.7	5408907.8
L4630.0	504628.7	5408909.3	3716.50000	247.93	59.78	48.833143	-86.936928	56043.38	56270.4	-20.41	56022.96	56027.87500	56042.95582	56054.06250	504628.7	5408909.3
L4630.0	504628.7	5408910.7	3716.60010	251.25	60.34	48.833156	-86.936928	56045.47	56270.4	-20.42	56025.05	56029.96484	56043.60883	56054.85156	504628.7	5408910.7
L4630.0	504628.7	5408912.1	3716.69995	252.65	62.26	48.833169	-86.936928	56047.82	56270.4	-20.43	56027.39	56032.30078	56044.25996	56055.62891	504628.7	5408912.1
L4630.0	504628.7	5408912.1	3716.80005	252.23	62.26	48.833169	-86.936928	56050.56	56270.4	-20.44	56030.12	56035.02344	56044.89889	56056.39063	504628.7	5408912.1
L4630.0	504628.7	5408913.6	3716.89990	251.78	61.11	48.833182	-86.936928	56053.36	56270.4	-20.44	56032.92	56037.81250	56045.54598	56057.15234	504628.7	5408913.6
L4630.0	504628.7	5408913.6	3717.00000	250.46	56.17	48.833182	-86.936928	56056.24	56270.4	-20.45	56035.79	56040.67188	56046.20028	56057.91797	504628.7	5408913.6
L4630.0	504628.7	5408916.0	3717.10010	250.97	56.59	48.833203	-86.936927	56058.96	56270.5	-20.46	56038.50	56043.36719	56046.87619	56058.69922	504628.7	5408916.0
L4630.0	504628.7	5408917.4	3717.19995	250.52	56.59	48.833216	-86.936927	56061.31	56270.5	-20.47	56040.84	56045.69141	56047.58681	56059.50781	504628.7	5408917.4
L4630.0	504628.7	5408917.4	3717.30005	246.28	57	48.833216	-86.936927	56064.04	56270.5	-20.47	56043.57	56048.40234	56048.28057	56060.29297	504628.7	5408917.4
L4630.0	504628.7	5408919.5	3717.39990	246.42	59.31	48.833235	-86.936927	56065.66	56270.5	-20.48	56045.17	56049.98047	56049.05795	56061.15625	504628.7	5408919.5
L4630.0	504628.7	5408920.9	3717.50000	247.09	59.31	48.833248	-86.936927	56067.90	56270.5	-20.49	56047.41	56052.19531	56049.80011	56061.98047	504628.7	5408920.9
L4630.0	504628.7	5408922.1	3717.60010	247.56	63.2	48.833259	-86.936927	56071.02	56270.5	-20.50	56050.52	56055.28125	56050.49089	56062.75000	504628.7	5408922.1
L4630.0	504628.7	5408923.1	3717.69995	247.94	63.2	48.833267	-86.936927	56073.63	56270.5	-20.51	56053.12	56057.85156	56051.22151	56063.55078	504628.7	5408923.1
L4630.0	504628.7	5408924.3	3717.69995	247.94	60.16	48.833278	-86.936927	56076.15	56270.5	-20.51	56055.65	56060.35156	56051.96187	56064.35547	504628.7	5408924.3
L4630.0	504628.7	5408925.2	3717.80005	248.28	60.69	48.833287	-86.936927	56078.98	56270.5	-20.51	56058.47	56063.14063	56052.68723	56065.14063	504628.7	5408925.2
L4630.0	504628.7	5408926.6	3718.00000	247.86	61.72	48.833299	-86.936927	56080.31	56270.5	-20.53	56059.78	56064.41406	56053.51687	56066.02734	504628.7	5408926.6
L4630.0	504628.7	5408928.3	3718.10010	248.61	61.72	48.833314	-86.936927	56081.34	56270.5	-20.54	56060.80	56065.40234	56054.36878	56066.92578	504628.7	5408928.3
L4630.0	504628.7	5408928.3	3718.19995	245.90	59.6	48.833314	-86.936927	56084.40	56270.5	-20.55	56063.85	56068.41406	56055.08763	56067.69141	504628.7	5408928.3
L4630.0	504628.7	5408929.9	3718.30005	248.11	63.72	48.833329	-86.936927	56087.08	56270.6	-20.55	56066.53	56071.05469	56055.83277	56068.47656	504628.7	5408929.9
L4630.0	504628.7	5408931.4	3718.39990	247.50	63.72	48.833342	-86.936927	56088.68	56270.6	-20.56	56068.11	56072.59375	56056.65227	56069.32813	504628.7	5408931.4
L4630.0	504628.7	5408931.4	3718.50000	247.21	60.05	48.833342	-86.936927	56091.02	56270.6	-20.57	56070.45	56074.89063	56057.42153	56070.12891	504628.7	5408931.4
L4630.0	504628.7	5408933.2	3718.60010	247.79	57.31	48.833359	-86.936927	56093.48	56270.6	-20.58	56072.90	56077.29688	56058.18334	56070.91406	504628.7	5408933.2
L4630.0	504628.6	5408934.4	3718.69995	246.28	58.77	48.833369	-86.936928	56093.81	56270.6	-20.59	56073.22	56077.57422	56059.08648	56071.83984	504628.6	5408934.4
L4630.0	504628.6	5408935.5	3718.80005	247.39	58.77	48.833379	-86.936928	56096.72	56270.6	-20.59	56076.13	56080.43750	56059.81578	56072.58203	504628.6	5408935.5
L4630.0	504628.6	5408937.0	3718.89990	248.52	56.63	48.833392	-86.936928	56098.21	56270.6	-20.60	56077.61	56081.87109	56060.63874	56073.41797	504628.6	5408937.0
L4630.0	504628.6	5408937.9	3719.00000	247.09	58.27	48.833401	-86.936928	56100.89	56270.6	-20.61	56080.28	56084.49219	56061.38024	56074.16406	504628.6	5408937.9
L4630.0	504628.6	5408937.9	3719.10010	247.14	58.27	48.833401	-86.936928	56101.65	56270.6	-20.61	56081.03	56085.19141	56062.24716	56075.03516	504628.6	5408937.9
L4630.0	504628.6	5408941.2	3719.19995	247.19	58.56	48.833431	-86.936928	56104.34	56270.6	-20.62	56083.72	56087.83203	56062.98176	56075.76563	504628.6	5408941.2
L4630.0	504628.6	5408941.2	3719.30005	246.91	58.56	48.833431	-86.936928	56105.68	56270.6	-20.62	56085.05	56089.10938	56063.80362	56076.58203	504628.6	5408941.2
L4630.0	504628.6	5408942.9	3719.39990	249.64	58.56	48.833446	-86.936927	56107.92	56270.6	-20.63	56087.29	56091.29688	56064.56103	56077.32813	504628.6	5408942.9
L4630.0	504628.7	5408944.6	3719.50000	249.76	55.63	48.833461	-86.936927	56108.96	56270.6	-20.63	56088.33	56092.28516	56065.39430	56078.14844	504628.7	5408944.6
L4630.0	504628.7	5408945.5	3719.60010	250.48	57.62	48.833469	-86.936927	56111.06	56270.6	-20.63	56090.43	56094.33203	56066.15243	56078.88672	504628.7	5408945.5
L4630.0	504628.7	5408945.5	3719.69995	247.62	59.01	48.833469	-86.936927	56113.18	56270.6	-20.64	56092.54	56096.38672	56066.90509	56079.61719	504628.7	5408945.5
L4630.0	504628.7	5408947.2	3719.69995	247.62	59.01	48.833484	-86.936927	56114.14	56270.6	-20.64	56093.51	56097.30078	56067.72864	56080.41797	504628.7	5408947.2

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4630.0	504628.7	5408948.4	3719.80005	246.66	57.24	48.833495	-86.936927	56116.56	56270.6	-20.64	56095.91	56099.64453	56068.45148	56081.10938	504628.7	5408948.4
L4630.0	504628.7	5408949.5	3720.00000	248.11	59.31	48.833505	-86.936927	56116.50	56270.7	-20.65	56095.85	56099.53125	56069.33266	56081.95703	504628.7	5408949.5
L4630.0	504628.7	5408951.2	3720.10010	247.91	63.29	48.833520	-86.936926	56119.56	56270.7	-20.66	56098.90	56102.52344	56070.00060	56082.58984	504628.7	5408951.2
L4630.0	504628.7	5408952.6	3720.19995	250.18	63.29	48.833533	-86.936926	56119.98	56270.7	-20.67	56099.32	56102.88672	56070.83773	56083.38672	504628.7	5408952.6
L4630.0	504628.7	5408954.0	3720.30005	250.12	58.94	48.833546	-86.936926	56121.88	56270.7	-20.67	56101.21	56104.71875	56071.57051	56084.07813	504628.7	5408954.0
L4630.0	504628.7	5408954.0	3720.39990	251.54	60.31	48.833546	-86.936926	56124.02	56270.7	-20.68	56103.33	56106.78125	56072.28139	56084.74219	504628.7	5408954.0
L4630.0	504628.8	5408955.5	3720.50000	250.58	56.66	48.833559	-86.936926	56124.74	56270.7	-20.69	56104.05	56107.44531	56073.07885	56085.49219	504628.8	5408955.5
L4630.0	504628.8	5408957.1	3720.60010	249.84	56.66	48.833574	-86.936926	56126.72	56270.7	-20.70	56106.02	56109.35547	56073.78606	56086.14453	504628.8	5408957.1
L4630.0	504628.8	5408957.1	3720.69995	250.06	55.68	48.833574	-86.936926	56127.81	56270.7	-20.71	56107.10	56110.37891	56074.54552	56086.85156	504628.8	5408957.1
L4630.0	504628.8	5408958.8	3720.80005	250.03	59.11	48.833589	-86.936925	56128.97	56270.7	-20.71	56108.25	56111.46875	56075.29309	56087.54297	504628.8	5408958.8
L4630.0	504628.8	5408960.0	3720.89990	248.51	56.89	48.833599	-86.936925	56130.12	56270.7	-20.72	56109.39	56112.55078	56076.03396	56088.22266	504628.8	5408960.0
L4630.0	504628.8	5408961.7	3721.00000	246.20	56.89	48.833615	-86.936925	56131.86	56270.7	-20.73	56111.13	56114.23047	56076.72734	56088.85547	504628.8	5408961.7
L4630.0	504628.8	5408961.7	3721.10010	248.28	59.69	48.833615	-86.936925	56132.96	56270.7	-20.74	56112.22	56115.26172	56077.45647	56089.51953	504628.8	5408961.7
L4630.0	504628.8	5408963.9	3721.19995	245.83	61.54	48.833634	-86.936925	56133.82	56270.7	-20.74	56113.08	56116.06250	56078.19324	56090.18750	504628.8	5408963.9
L4630.0	504628.8	5408964.8	3721.30005	247.49	63.67	48.833643	-86.936925	56135.37	56270.8	-20.75	56114.62	56117.54297	56078.87690	56090.80078	504628.8	5408964.8
L4630.0	504628.9	5408966.3	3721.39990	246.68	63.67	48.833656	-86.936924	56136.58	56270.8	-20.76	56115.82	56118.68750	56079.57538	56091.42969	504628.9	5408966.3
L4630.0	504628.9	5408966.3	3721.50000	246.26	61.94	48.833656	-86.936924	56137.77	56270.8	-20.76	56117.01	56119.81641	56080.26661	56092.04688	504628.9	5408966.3
L4630.0	504628.9	5408967.9	3721.60010	243.23	62.16	48.833670	-86.936924	56138.98	56270.8	-20.77	56118.20	56120.94922	56080.94987	56092.65625	504628.9	5408967.9
L4630.0	504628.9	5408969.1	3721.69995	243.03	63.85	48.833681	-86.936924	56140.40	56270.8	-20.78	56119.62	56122.31250	56081.60979	56093.23828	504628.9	5408969.1
L4630.0	504628.9	5408970.5	3721.69995	243.03	64.25	48.833694	-86.936924	56140.84	56270.8	-20.78	56120.06	56122.69141	56082.32699	56093.87891	504628.9	5408970.5
L4630.0	504628.9	5408972.0	3721.80005	243.07	64.25	48.833707	-86.936924	56142.07	56270.8	-20.79	56121.28	56123.85547	56082.98412	56094.45313	504628.9	5408972.0
L4630.0	504628.9	5408973.2	3722.00000	246.10	62.67	48.833718	-86.936924	56142.98	56270.8	-20.80	56122.18	56124.69922	56083.65449	56095.04297	504628.9	5408973.2
L4630.0	504628.9	5408973.2	3722.10010	248.96	63.73	48.833718	-86.936924	56143.90	56270.8	-20.80	56123.09	56125.55078	56084.31610	56095.62109	504628.9	5408973.2
L4630.0	504628.9	5408975.0	3722.19995	250.23	63.73	48.833734	-86.936924	56145.36	56270.8	-20.81	56124.55	56126.95313	56084.93293	56096.15625	504628.9	5408975.0
L4630.0	504628.9	5408976.5	3722.30005	252.49	61.86	48.833747	-86.936924	56146.30	56270.8	-20.81	56125.49	56127.83594	56085.57634	56096.71094	504628.9	5408976.5
L4630.0	504628.9	5408977.9	3722.39990	252.79	58.89	48.833760	-86.936924	56147.05	56270.8	-20.82	56126.23	56128.51953	56086.22499	56097.27344	504628.9	5408977.9
L4630.0	504628.9	5408979.0	3722.50000	250.52	59.46	48.833771	-86.936924	56148.65	56270.8	-20.82	56127.83	56130.06250	56086.80825	56097.76953	504628.9	5408979.0
L4630.0	504628.9	5408980.2	3722.60010	249.29	59.46	48.833781	-86.936924	56148.65	56270.8	-20.82	56127.82	56129.99609	56087.49081	56098.36328	504628.9	5408980.2
L4630.0	504628.9	5408981.6	3722.69995	246.56	61.46	48.833794	-86.936924	56149.38	56270.8	-20.83	56128.56	56130.68359	56088.11536	56098.89844	504628.9	5408981.6
L4630.0	504628.9	5408982.8	3722.80005	245.47	63.89	48.833805	-86.936924	56151.23	56270.8	-20.83	56130.40	56132.46875	56088.65861	56099.35547	504628.9	5408982.8
L4630.0	504628.9	5408982.8	3722.89990	245.25	63.89	48.833805	-86.936924	56152.44	56270.8	-20.84	56131.61	56133.62109	56089.23594	56099.83984	504628.9	5408982.8
L4630.0	504628.9	5408984.2	3723.00000	248.10	55.63	48.833817	-86.936924	56152.16	56270.8	-20.84	56131.32	56133.27734	56089.90539	56100.41797	504628.9	5408984.2
L4630.0	504628.8	5408985.8	3723.10010	249.61	55.63	48.833832	-86.936924	56152.75	56270.8	-20.85	56131.90	56133.80469	56090.50902	56100.92969	504628.8	5408985.8
L4630.0	504628.8	5408987.0	3723.19995	248.31	49.92	48.833843	-86.936924	56153.61	56270.9	-20.86	56132.75	56134.60156	56091.08689	56101.41797	504628.8	5408987.0
L4630.0	504628.8	5408987.0	3723.30005	244.67	54.23	48.833843	-86.936924	56154.85	56270.9	-20.86	56133.98	56135.77734	56091.63172	56101.87109	504628.8	5408987.0
L4630.0	504628.8	5408989.2	3723.39990	244.78	54.23	48.833862	-86.936925	56155.25	56270.9	-20.87	56134.38	56136.12500	56092.22423	56102.37109	504628.8	5408989.2
L4630.0	504628.8	5408989.9	3723.50000	243.12	61.74	48.833868	-86.936925	56156.48	56270.9	-20.88	56135.60	56137.29297	56092.75450	56102.80859	504628.8	5408989.9
L4630.0	504628.8	5408991.6	3723.60010	241.34	61.74	48.833883	-86.936925	56157.27	56270.9	-20.89	56136.39	56138.03125	56093.30594	56103.26953	504628.8	5408991.6
L4630.0	504628.8	5408992.7	3723.69995	243.23	51.16	48.833894	-86.936925	56157.04	56270.9	-20.90	56136.15	56137.73828	56093.91860	56103.78906	504628.8	5408992.7
L4630.0	504628.8	5408994.2	3723.69995	243.23	51.16	48.833907	-86.936925	56158.21	56270.9	-20.90	56137.32	56138.85938	56094.42989	56104.20703	504628.8	5408994.2
L4630.0	504628.8	5408994.2	3723.80005	245.64	48.8	48.833907	-86.936925	56159.29	56270.9	-20.90	56138.39	56139.87891	56094.94057	56104.62500	504628.8	5408994.2
L4630.0	504628.8	5408995.6	3724.00000	245.69	53.81	48.833920	-86.936925	56159.95	56270.9	-20.92	56139.03	56140.46875	56095.47269	56105.06641	504628.8	5408995.6
L4630.0	504628.8	5408997.5	3724.10010	244.60	53.81	48.833936	-86.936925	56160.69	56270.9	-20.93	56139.76	56141.14844	56095.99167	56105.49609	504628.8	5408997.5
L4630.0	504628.8	5408998.7	3724.19995	246.23	54.87	48.833947	-86.936925	56161.44	56270.9	-20.94	56140.50	56141.83984	56096.50292	56105.91406	504628.8	5408998.7
L4630.0	504628.8	5408999.9	3724.30005	244.84	55.06	48.833958	-86.936925	56162.34	56270.9	-20.94	56141.40	56142.69141	56096.99651	56106.32031	504628.8	5408999.9
L4630.0	504628.8	5409001.3	3724.39990	243.59	47.76	48.833971	-86.936925	56161.85	56271	-20.95	56140.90	56142.14063	56097.57651	56106.80859	504628.8	5409001.3
L4630.0	504628.8	5409002.5	3724.50000	244.29	47.76	48.833982	-86.936925	56163.73	56271	-20.96	56142.77	56143.96484	56097.99168	56107.13672	504628.8	5409002.5
L4630.0	504628.8	5409002.5	3724.60010	246.48	49.44	48.833982	-86.936925	56163.77	56271	-20.97	56142.80	56143.94531	56098.52274	56107.57813	504628.8	5409002.5
L4630.0	504628.8	5409003.7	3724.69995	248.22	59.09	48.833993	-86.936925	56163.50	56271	-20.98	56142.52	56143.62109	56099.06776	56108.03516	504628.8	5409003.7
L4630.0	504628.8	5409005.4	3724.80005	249.58	59.09	48.834008	-86.936925	56164.73	56271	-20.98	56143.75	56144.80469	56099.50549	56108.38672	504628.8	5409005.4
L4630.0	504628.8	5409006.6	3724.89990	251.92	55.34	48.834019	-86.936925	56165.28	56271	-20.99	56144.29	56145.29688	56099.98265	56108.77734	504628.8	5409006.6
L4630.0	504628.8	5409008.1	3725.00000	252.57	51.34	48.834032	-86.936925	56165.94	56271	-21.00	56144.94	56145.90234	56100.44599	56109.15625	504628.8	5409008.1
L4630.0	504628.8	5409008.1	3725.10010	253.60	60.91	48.834032	-86.936925	56166.82	56271	-21.01	56145.81	56146.72656	56100.88822	56109.51563	504628.8	5409008.1
L4630.0	504628.8	5409010.0	3725.19995	254.87	60.91	48.834049	-86.936925	56168.33	56271	-21.01	56147.32	56148.19141	56101.28141	56109.82422	504628.8	5409010.0
L4630.0	504628.8	5409011.2	3725.30005	253.74	52.64	48.834060	-86.936925	56168.22	56271	-21.02	56147.21	56148.03516	56101.77628	56110.23828	504628.8	5409011.2
L4630.0	504628.8	5409012.6	3725.39990	252.68	52.64	48.834073	-86.936925	56169.09	56271	-21.02	56148.06	56148.83984	56102.20089	56110.58203	504628.8	5409012.6
L4630.0	504628.8	5409014.0	3725.50000	248.19	61.68	48.834085	-86.936925	56169.37	56271	-21.03	56148.34	56149.07813	56102.65728	56110.95703	504628.8	5409014.0
L4630.0	504628.8	5409014.0	3725.60010	247.06	61.84	48.834085	-86.936925	56169.16	56271	-21.04	56148.13	56148.82422	56103.14018	56111.36328	504628.8	5409014.0
L4630.0	504628.8	5409015.7	3725.69995	248.70	61.82	48.834100	-86.936925	56169.65	56271	-21.04	56148.61	56149.25781	56103.57096	56111.71484	504628.8	5409015.7
L4630.0	504628.8	5409016.9	3725.69995	248.70	61.82	48.834111	-86.936925	56171.56	56271	-21.04	56150.51	56151.11719	56103.90099	56111.97266	504628.8	5409016.9
L4630.0	504628.8	5409018.3	3725.80005	250.61	61.95	48.834124	-86.936925	56171.56	56271	-21.05	56150.52	56151.08203	56104.35099	56112.34766	504628.8	5409018.3
L4630.0	504628.8	5409019.5	3726.00000	246.96	55.92	48.834135	-86.936925	56172.71	56271.1	-21.06	56151.65	56152.17188	56104.72031	56112.64453	504628.8	5409019.5
L4630.0	504628.8	5409020.5	3726.10010	247.54	52.99	48.834143	-86.936925	56173.16	56271.1	-21.06	56152.09	56152.57031	56105.12967	56112.98047	504628.8	5409020.5
L4630.0	504628.8	5409021.9	3726.19995	246.56	54.53	48.834156	-86.936925	56173.65	56271.1	-21.07	56152.58	56153.01563	56105.52976	56113.31250	504628.8	5409021.9
L4630.0	504628.8	5409023.1	3726.30005	247.05	51.39	48.834167	-86.936925	56174.86	56271.1	-21.07	56153.78	56154.17578	56105.87660	56113.58984	504628.8	5409023.1
L4630.0	504628.8	5409024.0	3726.39990	248.05	53	48.834176	-86.936925	56175.07	56271.1	-21.08	56153.99	56154.34375	56106.28355	56113.92969	504628.8	5409024.0
L4630.0	504628.8	5409025.0	3726.50000	247.36	51.93	48.834184	-86.936925	56174.93	56271.1	-21.08	56153.85	56154.16406	56106.70796	56114.28906	504628.8	5409025.0
L4630.0	504628.8	5409026.4	3726.60010	249.18	51.8	48.834197	-86.936925	56176.04	56271.1	-21.09	56154.95	56155.22266	56107.04386	56114.56250	504628.8	5409026.4
L4630.0	504628.8	5409027.6	3726.69995	248.32	51.8	48.834208	-86.936925	56177.36	56271.1	-21.10	56156.26	56156.49219	56107.35992	56114.81641	504628.8	5409027.6
L4630.0	504628.7	5409029.1	3726.80005	250.42	52.13	48.834221	-86.936925	56177.16	56271.1	-21.10	56156.06	56156.25000	56107.77082	56115.16406	504628.7	5409029.1
L4630.0	504628.7	5409030.1	3726.89990	250.50	61.34	48.834230	-86.936925	56176.88	56271.1	-21.11	56155.77	56155.92188	56108.18191	56115.51953	504628.7	5409030.1
L4630.0	504628.7	5409031.3	3727.00000	247.51	61.34	48.834241	-86.936925	56177.99	56271.1	-21.11	56156.88	56156.99219	56108.49385	56115.77344	504628.7	5409031.3
L4630.0	504628.7	5409032.7	3727.10010	246.10	44.63	48.834253	-86.936925	56179.04	56271.1	-21.12	56157.92	56157.99219	56108.80466	56116.02734	504628.7	5409032.7
L4630.0	504628.7	5409034.0	3727.19995	246.81	48.04	48.834265	-86.936926	56179.25	56271.1	-21.13	56158.12	56158.15234	56109.16566	56116.33594	504628.7	5409034.0
L4630.0	504628.7	5409034.0	3727.30005	247.58	60.71	48.834265	-86.936926	56180.02	56271.1	-21.13	56158.88	56158.87109	56109.48353	56116.60156	504628.7	5409034.0
L4630.0	504628.7	5409035.8	3727.39990	248.43	60.71	48.834281	-86.936926	56180.93	56271.1	-21.14	56159.78	56159.73438	56109.78625	56116.85547	504628.7	5409035.8
L4630.0	504628.7	5409037.0	3727.50000	247.27	60.71	48.834292	-86.936926	56180.94	56271.2	-21.15	56159.79	56159.70313	56110.14250	56117.16016	504628.7	5409037.0
L4630.0	504628.7	5409038.7	3727.60010	247.78	60.71	48.834307	-86.936926	56182.32	56271.2	-21.16	56161.17	56161.04297	56110.40159	56117.37500	504628.7	5409038.7
L4630.0	504628.7	5409038.7	3727.69995	247.22	60.22	48.834307	-86.936926	56180.96	56271.2	-21.17	56159.80	56159.63672	56110.83819	56117.76563	504628.7	5409038.7
L4630.0	504628.7	5409040.1	3727.69995	247.22	54.24	48.834320	-86.936926	56181.46	56271.2	-21.17	56160.29	56160.08594	56111.14494	56118.03125	504628.7	5409040.1
L4630.0	504628.7	5409041.8	3727.80005	247.41	54.24	48.834335	-86.936926	56183.07	56271.2	-21.17	56161.90	56161.66016	56111.37117	56118.21484	504628.7	5409041.8
L4630.0	504628.6	5409043.2	3728.00000	247.43	51.28	48.834348	-86.936926	56183.93	56271.2	-21.19	56162.74	56162.46094	56111.64285	56118.44531	504628.6	5409043.2
L4630.0	504628.6	5409044.8	3728.10010	247.69	58.92	48.834362	-86.936926	56184.88	56271.2	-21.20	56163.68	56163.36328	56111.90198	56118.66797	504628.6	5409044.8
L4630.0	504628.6	5409044.8	3728.19995	248.26	58.92	48.834362	-86.936926	56184.66	56271.2	-21.20	56163.46	56163.10547	56112.23252	56118.96484	504628.6	5409044.8
L4630.0	504628.6	5409046.6	3728.30005	249.10	58.92	48.834379	-86.936927	56184.54	56271.2	-21.21	56163.33	56162.93750	56112.55114	56119.24609	504628.6	5409046.6
L4630.0	504628.6	5409048.3	3728.39990	250.93	59.09	48.834394	-86.936927	56185.81	56271.2	-21.21	56164.60	56164.16797	56112.77046	56119.43359	504628.6	5409048.3
L4630.0	504628.6	5409048.3	3728.50000	251.34	59.09	48.834394	-86.936927	56186.62	56271.2	-21.22	56165.40	56164.92969	56113.01513	56119.64844	504628.6	5409048.3
L4630.0	504628.6	5409050.2	3728.60010	251.30	47.5	48.834411	-86.936927	56186.54	56271.2	-21.23	56165.32	56164.81250	56113.31246	56119.91797	504628.6	5409050.2
L4630.0	504628.6	5409052.0	3728.69995	249.07	55.08	48.834427	-86.936927	56187.02	56271.2	-21.23	56165.78	56165.23438	56113.56775	56120.14453	504628.6	5409052.0
L4630.0	504628.6	5409052.0	3728.80005	248.53	55.08	48.834427	-86.936927	56186.75	56271.2	-21.24	56165.51	56164.92969	56113.86565	56120.41797	504628.6	5409052.0
L4630.0	504628.6	5409053.3	3728.89990	247.86	51.68	48.834438	-86.936927	56188.06	56271.2	-21.24	56166.81	56166.19141	56114.05279	56120.58203	504628.6	5409053.3
L4630.0	504628.6	5409054.9	3729.00000	247.69	51.68	48.834453	-86.936927	56189.32	56271.3	-21.25	56168.07	56167.41406	56114.23647	56120.74609	504628.6	5409054.9
L4630.0	504628.6	5409057.0	3729.10010	246.93	57.27	48.834472	-86.936927	56189.22	56271.3	-21.26	56167.96	56167.26953	56114.50534	56120.99609	504628.6	5409057.0

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4630.0	504628.6	5409057.0	3729.19995	247.58	57.27	48.834472	-86.936927	56189.04	56271.3	-21.27	56167.78	56167.05078	56114.77269	56121.24609	504628.6	5409057.0
L4630.0	504628.6	5409058.6	3729.30005	248.46	51.89	48.834487	-86.936927	56189.62	56271.3	-21.27	56168.35	56167.58594	56114.98383	56121.43750	504628.6	5409058.6
L4630.0	504628.6	5409059.9	3729.39990	249.86	51.89	48.834498	-86.936927	56190.95	56271.3	-21.28	56169.67	56168.86719	56115.13873	56121.57813	504628.6	5409059.9
L4630.0	504628.6	5409061.3	3729.50000	249.25	55.41	48.834511	-86.936927	56191.14	56271.3	-21.29	56169.85	56169.01172	56115.36335	56121.79297	504628.6	5409061.3
L4630.0	504628.6	5409061.3	3729.60010	250.58	58.77	48.834511	-86.936927	56190.48	56271.3	-21.30	56169.18	56168.30469	56115.63835	56122.05469	504628.6	5409061.3
L4630.0	504628.6	5409063.5	3729.69995	249.45	58.77	48.834530	-86.936926	56191.45	56271.3	-21.31	56170.14	56169.22656	56115.79834	56122.20703	504628.6	5409063.5
L4630.0	504628.6	5409063.5	3729.69995	249.45	57.19	48.834530	-86.936926	56192.08	56271.3	-21.31	56170.77	56169.82031	56115.97398	56122.37500	504628.6	5409063.5
L4630.0	504628.6	5409065.2	3729.80005	247.88	57.19	48.834545	-86.936926	56192.63	56271.3	-21.31	56171.32	56170.33594	56116.14856	56122.54297	504628.6	5409065.2
L4630.0	504628.7	5409066.3	3730.00000	249.24	41.62	48.834556	-86.936926	56193.18	56271.3	-21.33	56171.85	56170.83203	56116.31806	56122.70703	504628.7	5409066.3
L4630.0	504628.7	5409067.5	3730.10010	246.81	42.25	48.834567	-86.936926	56193.14	56271.3	-21.34	56171.81	56170.75391	56116.51913	56122.90625	504628.7	5409067.5
L4630.0	504628.7	5409069.0	3730.19995	248.02	42.25	48.834580	-86.936926	56193.40	56271.3	-21.34	56172.06	56170.96875	56116.69440	56123.08203	504628.7	5409069.0
L4630.0	504628.7	5409069.0	3730.30005	249.84	57.69	48.834580	-86.936926	56194.82	56271.3	-21.35	56173.47	56172.34375	56116.78585	56123.17188	504628.7	5409069.0
L4630.0	504628.7	5409070.7	3730.39990	250.37	57.73	48.834595	-86.936925	56194.57	56271.4	-21.35	56173.22	56172.05859	56116.98146	56123.37109	504628.7	5409070.7
L4630.0	504628.7	5409072.1	3730.50000	249.95	57.73	48.834608	-86.936925	56193.86	56271.4	-21.36	56172.50	56171.30469	56117.20188	56123.59375	504628.7	5409072.1
L4630.0	504628.7	5409074.3	3730.60010	246.95	57.73	48.834627	-86.936925	56194.33	56271.4	-21.37	56172.97	56171.73828	56117.33642	56123.73438	504628.7	5409074.3
L4630.0	504628.7	5409074.3	3730.69995	244.76	57.86	48.834627	-86.936925	56195.13	56271.4	-21.37	56173.76	56172.49219	56117.44306	56123.84766	504628.7	5409074.3
L4630.0	504628.8	5409076.3	3730.80005	245.00	57.86	48.834646	-86.936924	56195.52	56271.4	-21.38	56174.15	56172.84766	56117.56980	56123.98047	504628.8	5409076.3
L4630.0	504628.8	5409077.9	3730.89990	245.35	56.79	48.834660	-86.936924	56196.27	56271.4	-21.38	56174.89	56173.55469	56117.66661	56124.08984	504628.8	5409077.9
L4630.0	504628.8	5409077.9	3731.00000	247.45	56.36	48.834660	-86.936924	56196.34	56271.4	-21.39	56174.95	56173.57813	56117.80215	56124.23438	504628.8	5409077.9
L4630.0	504628.8	5409079.8	3731.10010	247.56	56.36	48.834677	-86.936923	56196.30	56271.4	-21.40	56174.90	56173.49609	56117.93842	56124.38281	504628.8	5409079.8
L4630.0	504628.8	5409081.4	3731.19995	248.94	57.09	48.834692	-86.936923	56196.68	56271.4	-21.40	56175.28	56173.83984	56118.03940	56124.50000	504628.8	5409081.4
L4630.0	504628.8	5409081.4	3731.30005	248.34	57.09	48.834692	-86.936923	56196.40	56271.4	-21.41	56174.99	56173.51953	56118.17842	56124.65234	504628.8	5409081.4
L4630.0	504628.9	5409083.1	3731.39990	248.46	55.7	48.834707	-86.936923	56196.70	56271.4	-21.41	56175.28	56173.77344	56118.27213	56124.76172	504628.9	5409083.1
L4630.0	504628.9	5409084.8	3731.50000	247.69	55.7	48.834722	-86.936923	56196.96	56271.4	-21.42	56175.54	56174.00000	56118.36121	56124.87109	504628.9	5409084.8
L4630.0	504628.9	5409086.3	3731.60010	246.01	45.59	48.834735	-86.936923	56196.68	56271.4	-21.43	56175.25	56173.67969	56118.48032	56125.00781	504628.9	5409086.3
L4630.0	504628.9	5409086.3	3731.69995	248.57	54.5	48.834735	-86.936923	56197.54	56271.4	-21.43	56176.11	56174.50391	56118.51612	56125.06250	504628.9	5409086.3
L4630.0	504628.9	5409087.5	3731.69995	248.57	54.5	48.834746	-86.936922	56197.94	56271.4	-21.43	56176.51	56174.87109	56118.57594	56125.14453	504628.9	5409087.5
L4630.0	504628.9	5409088.7	3731.80005	251.38	52.55	48.834757	-86.936922	56198.61	56271.4	-21.44	56177.18	56175.51172	56118.61113	56125.20313	504628.9	5409088.7
L4630.0	504628.9	5409088.7	3732.00000	251.05	54.9	48.834757	-86.936922	56198.25	56271.4	-21.45	56176.80	56175.09766	56118.70968	56125.32813	504628.9	5409088.7
L4630.0	504628.9	5409090.8	3732.10010	249.65	54.9	48.834776	-86.936922	56197.86	56271.5	-21.45	56176.41	56174.67578	56118.80225	56125.44531	504628.9	5409090.8
L4630.0	504628.9	5409092.2	3732.19995	247.44	52.16	48.834789	-86.936922	56198.79	56271.5	-21.46	56177.33	56175.56641	56118.80087	56125.46875	504628.9	5409092.2
L4630.0	504628.9	5409092.2	3732.30005	246.31	52.16	48.834789	-86.936922	56198.42	56271.5	-21.46	56176.95	56175.15234	56118.87952	56125.57422	504628.9	5409092.2
L4630.0	504628.9	5409093.9	3732.39990	244.14	53.02	48.834804	-86.936922	56198.79	56271.5	-21.47	56177.32	56175.49219	56118.90155	56125.62500	504628.9	5409093.9
L4630.0	504628.9	5409095.6	3732.50000	245.53	53.02	48.834819	-86.936922	56198.42	56271.5	-21.47	56176.94	56175.08203	56118.96696	56125.71875	504628.9	5409095.6
L4630.0	504628.9	5409097.3	3732.60010	244.94	51.02	48.834834	-86.936922	56199.62	56271.5	-21.48	56178.14	56176.25391	56118.92042	56125.70313	504628.9	5409097.3
L4630.0	504628.9	5409097.3	3732.69995	246.45	52.31	48.834834	-86.936922	56198.64	56271.5	-21.49	56177.16	56175.24219	56119.01261	56125.82813	504628.9	5409097.3
L4630.0	504628.9	5409098.5	3732.80005	247.06	52.31	48.834845	-86.936922	56198.08	56271.5	-21.49	56176.59	56174.64453	56119.07087	56125.91797	504628.9	5409098.5
L4630.0	504628.9	5409100.1	3732.89990	247.09	52.76	48.834860	-86.936922	56199.28	56271.5	-21.50	56177.79	56175.81250	56119.00452	56125.88672	504628.9	5409100.1
L4630.0	504628.9	5409101.8	3733.00000	247.28	52.76	48.834875	-86.936923	56199.64	56271.5	-21.50	56178.14	56176.13672	56118.98824	56125.90234	504628.9	5409101.8
L4630.0	504628.9	5409101.8	3733.10010	245.81	46.46	48.834875	-86.936923	56198.08	56271.5	-21.51	56176.57	56174.53906	56119.09337	56126.04297	504628.9	5409101.8
L4630.0	504628.8	5409103.2	3733.19995	245.14	46.46	48.834888	-86.936923	56198.86	56271.5	-21.52	56177.34	56175.28125	56119.03591	56126.02344	504628.8	5409103.2
L4630.0	504628.8	5409105.1	3733.30005	243.73	47.01	48.834905	-86.936923	56199.79	56271.5	-21.52	56178.27	56176.18359	56118.96119	56125.98438	504628.8	5409105.1
L4630.0	504628.8	5409106.5	3733.39990	245.22	43.97	48.834917	-86.936923	56199.40	56271.5	-21.53	56177.87	56175.75391	56118.96854	56126.03125	504628.8	5409106.5
L4630.0	504628.8	5409107.9	3733.50000	244.25	43.97	48.834930	-86.936923	56199.31	56271.5	-21.54	56177.77	56175.62891	56118.94930	56126.04688	504628.8	5409107.9
L4630.0	504628.8	5409107.9	3733.60010	246.69	53.09	48.834930	-86.936923	56200.56	56271.5	-21.55	56179.01	56176.84375	56118.83412	56125.97266	504628.8	5409107.9
L4630.0	504628.8	5409109.1	3733.69995	247.85	53.09	48.834941	-86.936924	56199.28	56271.6	-21.56	56177.72	56175.52734	56118.88101	56126.05859	504628.8	5409109.1
L4630.0	504628.8	5409109.1	3733.69995	247.85	46.06	48.834941	-86.936924	56198.98	56271.6	-21.56	56177.42	56175.20313	56118.85527	56126.07422	504628.8	5409109.1
L4630.0	504628.8	5409112.5	3733.80005	247.41	46.06	48.834971	-86.936924	56199.32	56271.6	-21.56	56177.76	56175.51563	56118.78024	56126.04297	504628.8	5409112.5
L4630.0	504628.8	5409112.5	3734.00000	250.10	49.65	48.834971	-86.936924	56199.26	56271.6	-21.58	56177.68	56175.41016	56118.72657	56126.03125	504628.8	5409112.5
L4630.0	504628.8	5409113.9	3734.10010	247.63	49.65	48.834984	-86.936924	56199.77	56271.6	-21.59	56178.18	56175.88672	56118.62758	56125.97266	504628.8	5409113.9
L4630.0	504628.8	5409115.5	3734.19995	247.31	51.51	48.834998	-86.936924	56199.56	56271.6	-21.60	56177.97	56175.65625	56118.56924	56125.95703	504628.8	5409115.5
L4630.0	504628.8	5409116.7	3734.30005	248.44	51.51	48.835009	-86.936924	56199.59	56271.6	-21.61	56177.98	56175.64063	56118.48954	56125.92188	504628.8	5409116.7
L4630.0	504628.8	5409116.7	3734.39990	248.46	52.5	48.835009	-86.936924	56199.07	56271.6	-21.62	56177.45	56175.08984	56118.43912	56125.91797	504628.8	5409116.7
L4630.0	504628.8	5409118.4	3734.50000	247.32	52.31	48.835024	-86.936924	56199.92	56271.6	-21.63	56178.29	56175.91016	56118.29061	56125.81250	504628.8	5409118.4
L4630.0	504628.8	5409119.8	3734.60010	248.30	52.31	48.835037	-86.936924	56199.92	56271.6	-21.63	56178.28	56175.87891	56118.19199	56125.76172	504628.8	5409119.8
L4630.0	504628.8	5409121.2	3734.69995	248.21	52.31	48.835050	-86.936924	56199.52	56271.6	-21.64	56177.87	56175.44531	56118.11323	56125.72656	504628.8	5409121.2
L4630.0	504628.8	5409122.6	3734.80005	248.94	52.31	48.835062	-86.936924	56199.92	56271.7	-21.65	56178.27	56175.82813	56117.97362	56125.63672	504628.8	5409122.6
L4630.0	504628.8	5409122.6	3734.89990	247.85	52.31	48.835062	-86.936924	56199.14	56271.7	-21.66	56177.48	56175.01953	56117.90646	56125.61328	504628.8	5409122.6
L4630.0	504628.8	5409124.3	3735.00000	248.57	51.13	48.835078	-86.936924	56199.32	56271.7	-21.67	56177.65	56175.16797	56117.76837	56125.52344	504628.8	5409124.3
L4630.0	504628.8	5409125.7	3735.10010	249.37	51.13	48.835090	-86.936924	56199.87	56271.7	-21.67	56178.19	56175.69141	56117.59864	56125.40234	504628.8	5409125.7
L4630.0	504628.8	5409126.9	3735.19995	248.46	52.19	48.835101	-86.936924	56200.22	56271.7	-21.68	56178.54	56176.02344	56117.43457	56125.28906	504628.8	5409126.9
L4630.0	504628.8	5409126.9	3735.30005	248.76	52.19	48.835101	-86.936924	56200.13	56271.7	-21.68	56178.44	56175.90625	56117.29343	56125.19531	504628.8	5409126.9
L4630.0	504628.8	5409128.6	3735.39990	249.41	52.29	48.835116	-86.936924	56199.62	56271.7	-21.69	56177.93	56175.37891	56117.17251	56125.12500	504628.8	5409128.6
L4630.0	504628.8	5409130.0	3735.50000	250.80	50.59	48.835129	-86.936924	56198.98	56271.7	-21.69	56177.28	56174.71484	56117.05375	56125.05469	504628.8	5409130.0
L4630.0	504628.8	5409130.0	3735.60010	249.71	50.59	48.835129	-86.936924	56199.66	56271.7	-21.70	56177.96	56175.37891	56116.83911	56124.89063	504628.8	5409130.0
L4630.0	504628.8	5409132.2	3735.69995	248.15	51.57	48.835148	-86.936923	56199.40	56271.7	-21.71	56177.69	56175.09766	56116.68052	56124.78125	504628.8	5409132.2
L4630.0	504628.8	5409133.9	3735.69995	248.15	51.57	48.835163	-86.936923	56199.84	56271.7	-21.71	56178.14	56175.53125	56116.46660	56124.61719	504628.8	5409133.9
L4630.0	504628.8	5409135.5	3735.80005	247.55	45.6	48.835178	-86.936923	56200.53	56271.7	-21.71	56178.82	56176.19922	56116.22996	56124.43359	504628.8	5409135.5
L4630.0	504628.8	5409136.9	3736.00000	243.32	45.6	48.835191	-86.936923	56200.25	56271.7	-21.72	56178.53	56175.89844	56116.05053	56124.30469	504628.8	5409136.9
L4630.0	504628.8	5409136.9	3736.10010	243.38	43.69	48.835191	-86.936923	56199.00	56271.7	-21.73	56177.28	56174.63672	56115.92759	56124.23438	504628.8	5409136.9
L4630.0	504628.8	5409138.8	3736.19995	244.06	43.69	48.835208	-86.936923	56199.23	56271.7	-21.73	56177.50	56174.84766	56115.69908	56124.05859	504628.8	5409138.8
L4630.0	504628.8	5409138.8	3736.30005	244.29	52.85	48.835208	-86.936923	56199.41	56271.7	-21.74	56177.67	56175.00781	56115.46627	56123.87891	504628.8	5409138.8
L4630.0	504628.8	5409140.6	3736.39990	245.16	52.88	48.835224	-86.936923	56198.71	56271.7	-21.74	56176.97	56174.29688	56115.28376	56123.74609	504628.8	5409140.6
L4630.0	504628.8	5409142.0	3736.50000	244.68	52.88	48.835236	-86.936923	56199.52	56271.8	-21.75	56177.77	56175.08984	56114.99351	56123.51172	504628.8	5409142.0
L4630.0	504628.8	5409143.4	3736.60010	243.30	52.51	48.835249	-86.936923	56199.59	56271.8	-21.76	56177.83	56175.14063	56114.74478	56123.31250	504628.8	5409143.4
L4630.0	504628.8	5409143.4	3736.69995	243.72	52.51	48.835249	-86.936923	56199.39	56271.8	-21.76	56177.63	56174.93359	56114.50552	56123.12891	504628.8	5409143.4
L4630.0	504628.8	5409145.3	3736.80005	244.81	49.62	48.835266	-86.936923	56198.94	56271.8	-21.77	56177.17	56174.46875	56114.27567	56122.95313	504628.8	5409145.3
L4630.0	504628.8	5409146.7	3736.89990	248.78	49.62	48.835279	-86.936923	56198.81	56271.8	-21.77	56177.03	56174.32422	56114.01650	56122.74609	504628.8	5409146.7
L4630.0	504628.8	5409148.4	3737.00000	250.53	43.71	48.835294	-86.936923	56198.28	56271.8	-21.78	56176.50	56173.78906	56113.77530	56122.55859	504628.8	5409148.4
L4630.0	504628.8	5409148.4	3737.10010	252.13	51.57	48.835294	-86.936923	56198.20	56271.8	-21.79	56176.41	56173.69531	56113.49667	56122.33594	504628.8	5409148.4
L4630.0	504628.8	5409150.2	3737.19995	251.14	51.57	48.835311	-86.936923	56199.08	56271.8	-21.80	56177.28	56174.56250	56113.14592	56122.03906	504628.8	5409150.2
L4630.0	504628.8	5409151.7	3737.30005	249.24	51.57	48.835324	-86.936923	56197.75	56271.8	-21.81	56175.93	56173.21094	56112.93497	56121.88281	504628.8	5409151.7
L4630.0	504628.8	5409152.9	3737.39990	248.71	46.55	48.835335	-86.936923	56199.11	56271.8	-21.82	56177.28	56174.55859	56112.53580	56121.53906	504628.8	5409152.9
L4630.0	504628.8	5409152.9	3737.50000	247.73	49.64	48.835335	-86.936923	56197.09	56271.8	-21.83	56175.25	56172.52734	56112.35369	56121.41016	504628.8	5409152.9
L4630.0	504628.8	5409154.3	3737.60010	247.83	49.64	48.835348	-86.936923	56196.76	56271.8	-21.85	56174.91	56172.19141	56112.05060	56121.16406	504628.8	5409154.3
L4630.0	504628.8	5409156.0	3737.69995	247.95	50.29	48.835363	-86.936923	56197.29	56271.9	-21.86	56175.43	56172.71094	56111.68184	56120.84766	504628.8	5409156.0
L4630.0	504628.8	5409156.0	3737.69995	247.95	50.29	48.835363	-86.936923	56197.01	56271.9	-21.86	56175.16	56172.44531	56111.35736	56120.57813	504628.8	5409156.0
L4630.0	504628.8	5409157.5	3737.80005	248.76	48.47	48.835376	-86.936923	56197.37	56271.9	-21.87	56175.50	56172.78516	56110.98380	56120.26172	504628.8	5409157.5
L4630.0	504628.8	5409158.9	3738.00000	247.78	48.47	48.835389	-86.936923	56196.14	56271.9	-21.89	56174.25	56171.53906	56110.70781	56120.04297	504628.8	5409158.9
L4630.0	504628.8	5409160.3	3738.10010	247.30	47.77	48.835401	-86.936923	56196.86	56271.9	-21.89	56174.96	56172.25391	56110.29270	56119.68359	504628.8	5409160.3
L4630.0	504628.8	5409160.3	3738.19995	246.96	44.73	48.835401	-86.936923	56195.82	56271.9	-21.90	56173.92	56171.22266	56109.98577	56119.42969	504628.8	5409160.3
L4630.0	504628.8	5409161.9	3738.30005	244.39	44.73	48.835416	-86.936923	56194.51	56271.9	-21.90	56172.61	56169.91797	56109.68836	56119.19141	504628.8	5409161.9
L4630.0	504628.8	5409163.6	3738.39990	244.43	46.69	48.835431	-86.936922	56194.79	56271.9	-21.91	56172.88	56170.19531	56109.27711	56118.83594	504628.8	5409163.6

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4630.0	504628.8	5409165.1	3738.50000	243.05	46.69	48.835444	-86.936922	56195.35	56271.9	-21.91	56173.44	56170.76563	56108.83803	56118.45313	504628.8	5409165.1
L4630.0	504628.8	5409167.0	3738.60010	243.20	47.11	48.835461	-86.936922	56194.48	56271.9	-21.91	56172.57	56169.90234	56108.48577	56118.15625	504628.8	5409167.0
L4630.0	504628.8	5409167.0	3738.69995	243.84	50.17	48.835461	-86.936922	56193.64	56271.9	-21.92	56171.73	56169.07422	56108.12300	56117.85156	504628.8	5409167.0
L4630.0	504628.9	5409168.6	3738.80005	244.82	50.17	48.835476	-86.936922	56193.29	56271.9	-21.92	56171.36	56168.71484	56107.72041	56117.50391	504628.9	5409168.6
L4630.0	504628.9	5409169.6	3738.89990	246.30	50.24	48.835485	-86.936922	56193.27	56271.9	-21.93	56171.35	56168.71875	56107.28533	56117.12500	504628.9	5409169.6
L4630.0	504628.9	5409169.6	3739.00000	246.74	50.24	48.835485	-86.936922	56192.91	56271.9	-21.93	56170.98	56168.35938	56106.86577	56116.76563	504628.9	5409169.6
L4630.0	504628.9	5409171.7	3739.10010	247.76	49.86	48.835503	-86.936922	56192.18	56271.9	-21.94	56170.25	56167.64453	56106.46176	56116.41797	504628.9	5409171.7
L4630.0	504628.9	5409172.9	3739.19995	249.25	49.86	48.835515	-86.936922	56191.39	56271.9	-21.95	56169.45	56166.85938	56106.05399	56116.06641	504628.9	5409172.9
L4630.0	504628.9	5409174.8	3739.19995	249.25	50.05	48.835531	-86.936922	56190.81	56271.9	-21.95	56168.87	56166.29688	56105.62316	56115.69531	504628.9	5409174.8
L4630.0	504628.9	5409174.8	3739.39990	247.62	50.05	48.835531	-86.936922	56190.58	56272	-21.96	56168.62	56166.06250	56105.16195	56115.28906	504628.9	5409174.8
L4630.0	504628.9	5409177.0	3739.50000	247.90	50.15	48.835551	-86.936922	56190.01	56272	-21.97	56168.04	56165.50000	56104.71440	56114.90234	504628.9	5409177.0
L4630.0	504628.9	5409177.9	3739.60010	247.25	50.15	48.835560	-86.936922	56189.93	56272	-21.98	56167.96	56165.44141	56104.22523	56114.46875	504628.9	5409177.9
L4630.0	504628.9	5409179.1	3739.69995	248.81	46.93	48.835570	-86.936922	56188.87	56272	-21.99	56166.88	56164.37891	56103.79446	56114.09766	504628.9	5409179.1
L4630.0	504628.9	5409180.6	3739.69995	248.81	46.93	48.835584	-86.936922	56187.44	56272	-21.99	56165.45	56162.97266	56103.37882	56113.74219	504628.9	5409180.6
L4630.0	504628.9	5409180.6	3739.80005	249.38	47.45	48.835584	-86.936922	56186.67	56272	-21.99	56164.68	56162.22266	56102.91101	56113.33203	504628.9	5409180.6
L4630.0	504628.8	5409182.5	3739.80005	249.38	50.11	48.835601	-86.936922	56186.31	56272	-21.99	56164.31	56161.87500	56102.40842	56112.88672	504628.8	5409182.5
L4630.0	504628.9	5409183.9	3740.00000	248.44	50.11	48.835614	-86.936922	56186.16	56272	-22.01	56164.15	56161.74219	56101.88377	56112.42188	504628.9	5409183.9
L4630.0	504628.9	5409183.9	3740.10010	248.88	50.48	48.835614	-86.936922	56185.48	56272	-22.02	56163.46	56161.07422	56101.38645	56111.98438	504628.9	5409183.9
L4630.0	504628.9	5409185.6	3740.19995	250.30	50.48	48.835629	-86.936922	56184.95	56272	-22.02	56162.93	56160.57031	56100.87050	56111.52734	504628.9	5409185.6
L4630.0	504628.8	5409187.0	3740.39990	251.73	50.35	48.835642	-86.936922	56184.16	56272	-22.03	56162.12	56159.78906	56100.36533	56111.08203	504628.8	5409187.0
L4630.0	504628.8	5409188.7	3740.50000	249.94	50.27	48.835656	-86.936922	56183.64	56272	-22.04	56161.60	56159.29688	56099.83299	56110.60938	504628.8	5409188.7
L4630.0	504628.8	5409190.1	3740.60010	249.66	50.27	48.835669	-86.936922	56183.36	56272	-22.05	56161.31	56159.03516	56099.27753	56110.11328	504628.8	5409190.1
L4630.0	504628.8	5409190.1	3740.69995	249.13	50.27	48.835669	-86.936922	56181.78	56272.1	-22.05	56159.72	56157.47656	56098.80102	56109.69531	504628.8	5409190.1
L4630.0	504628.8	5409192.0	3740.80005	249.72	49.95	48.835687	-86.936922	56181.08	56272.1	-22.06	56159.02	56156.80859	56098.25751	56109.21484	504628.8	5409192.0
L4630.0	504628.8	5409193.7	3740.89990	249.21	49.95	48.835702	-86.936922	56180.93	56272.1	-22.06	56158.86	56156.67969	56097.67039	56108.68750	504628.8	5409193.7
L4630.0	504628.8	5409193.7	3741.00000	248.28	50.6	48.835702	-86.936922	56180.02	56272.1	-22.07	56157.95	56155.80078	56097.12573	56108.20313	504628.8	5409193.7
L4630.0	504628.8	5409195.3	3741.10010	248.58	50.6	48.835716	-86.936922	56177.88	56272.1	-22.08	56155.80	56153.68750	56096.65624	56107.79297	504628.8	5409195.3
L4630.0	504628.8	5409196.8	3741.19995	249.60	50.68	48.835729	-86.936922	56177.99	56272.1	-22.08	56155.91	56153.83203	56096.02863	56107.22656	504628.8	5409196.8
L4630.0	504628.8	5409197.9	3741.30005	249.50	50.69	48.835740	-86.936922	56177.54	56272.1	-22.09	56155.45	56153.41016	56095.43164	56106.69141	504628.8	5409197.9
L4630.0	504628.8	5409199.4	3741.39990	249.60	50.69	48.835753	-86.936922	56176.12	56272.1	-22.10	56154.02	56152.01563	56094.89196	56106.21484	504628.8	5409199.4
L4630.0	504628.8	5409199.4	3741.50000	247.96	50.58	48.835753	-86.936922	56175.82	56272.1	-22.10	56153.72	56151.75391	56094.26965	56105.65234	504628.8	5409199.4
L4630.0	504628.8	5409200.8	3741.60010	245.15	50.58	48.835766	-86.936922	56176.04	56272.1	-22.11	56153.93	56152.00391	56093.60608	56105.05078	504628.8	5409200.8
L4630.0	504628.8	5409202.4	3741.69995	245.15	50.37	48.835780	-86.936923	56174.40	56272.1	-22.12	56152.28	56150.39453	56093.05929	56104.56641	504628.8	5409202.4
L4630.0	504628.8	5409202.4	3741.69995	245.15	50.37	48.835780	-86.936923	56172.76	56272.1	-22.12	56150.64	56148.79688	56092.50463	56104.07422	504628.8	5409202.4
L4630.0	504628.8	5409203.8	3741.80005	245.03	50.22	48.835793	-86.936923	56171.77	56272.1	-22.13	56149.64	56147.83984	56091.90013	56103.53516	504628.8	5409203.8
L4630.0	504628.8	5409204.8	3742.00000	247.80	46.5	48.835801	-86.936923	56171.41	56272.1	-22.14	56149.27	56147.51172	56091.24649	56102.94141	504628.8	5409204.8
L4630.0	504628.7	5409206.5	3742.10010	247.99	48.62	48.835817	-86.936923	56170.93	56272.1	-22.14	56148.79	56147.07813	56090.59305	56102.35156	504628.7	5409206.5
L4630.0	504628.7	5409207.9	3742.19995	247.86	48.62	48.835830	-86.936924	56170.04	56272.1	-22.15	56147.89	56146.22266	56089.96048	56101.78516	504628.7	5409207.9
L4630.0	504628.7	5409208.9	3742.30005	250.30	48.46	48.835839	-86.936924	56169.72	56272.2	-22.15	56147.57	56145.94922	56089.28212	56101.16797	504628.7	5409208.9
L4630.0	504628.7	5409210.1	3742.39990	248.87	50.41	48.835849	-86.936924	56167.69	56272.2	-22.16	56145.53	56143.95703	56088.71130	56100.66406	504628.7	5409210.1
L4630.0	504628.7	5409210.1	3742.50000	245.08	42.94	48.835849	-86.936924	56167.27	56272.2	-22.16	56145.11	56143.58594	56088.02535	56100.04297	504628.7	5409210.1
L4630.0	504628.7	5409212.2	3742.60010	244.94	42.94	48.835868	-86.936924	56167.94	56272.2	-22.16	56145.78	56144.30469	56087.25957	56099.33984	504628.7	5409212.2
L4630.0	504628.6	5409213.4	3742.69995	247.01	48.1	48.835879	-86.936924	56166.54	56272.2	-22.17	56144.37	56142.94531	56086.62528	56098.76953	504628.6	5409213.4
L4630.0	504628.6	5409214.8	3742.80005	246.92	50.01	48.835891	-86.936924	56164.38	56272.2	-22.17	56142.21	56140.83594	56086.03377	56098.24219	504628.6	5409214.8
L4630.0	504628.6	5409216.4	3742.89990	246.44	50.01	48.835905	-86.936925	56164.64	56272.2	-22.18	56142.47	56141.15234	56085.27369	56097.55078	504628.6	5409216.4
L4630.0	504628.6	5409216.4	3743.00000	249.31	50.09	48.835905	-86.936925	56164.35	56272.2	-22.18	56142.17	56140.90234	56084.54364	56096.88672	504628.6	5409216.4
L4630.0	504628.6	5409217.5	3743.10010	250.92	50.59	48.835916	-86.936925	56164.16	56272.2	-22.19	56141.97	56140.75781	56083.79958	56096.20703	504628.6	5409217.5
L4630.0	504628.6	5409219.0	3743.19995	249.93	50.59	48.835929	-86.936925	56163.29	56272.2	-22.20	56141.10	56139.94531	56083.09278	56095.56641	504628.6	5409219.0
L4630.0	504628.6	5409220.6	3743.30005	246.24	48.2	48.835944	-86.936925	56162.48	56272.2	-22.21	56140.27	56139.17188	56082.37584	56094.91797	504628.6	5409220.6
L4630.0	504628.6	5409220.6	3743.39990	245.57	48.2	48.835944	-86.936925	56161.19	56272.2	-22.22	56138.97	56137.92969	56081.68269	56094.28906	504628.6	5409220.6
L4630.0	504628.6	5409221.8	3743.50000	249.16	50.66	48.835954	-86.936925	56160.89	56272.2	-22.22	56138.67	56137.68750	56080.91525	56093.58984	504628.6	5409221.8
L4630.0	504628.6	5409223.2	3743.60010	251.26	51.24	48.835967	-86.936926	56159.90	56272.2	-22.23	56137.67	56136.74609	56080.18677	56092.92969	504628.6	5409223.2
L4630.0	504628.5	5409224.6	3743.69995	253.47	46.61	48.835980	-86.936926	56159.08	56272.2	-22.24	56136.84	56135.98047	56079.43916	56092.25000	504628.5	5409224.6
L4630.0	504628.5	5409226.3	3743.69995	253.47	46.61	48.835995	-86.936926	56157.80	56272.2	-22.24	56135.55	56134.75000	56078.71431	56091.59375	504628.5	5409226.3
L4630.0	504628.5	5409227.4	3743.80005	252.45	51.27	48.836005	-86.936926	56157.22	56272.3	-22.25	56134.97	56134.23438	56077.93413	56090.88281	504628.5	5409227.4
L4630.0	504628.5	5409228.9	3744.00000	252.11	43.79	48.836018	-86.936926	56156.94	56272.3	-22.27	56134.67	56133.99609	56077.12718	56090.14453	504628.5	5409228.9
L4630.0	504628.5	5409228.9	3744.10010	249.58	41.67	48.836018	-86.936926	56157.04	56272.3	-22.27	56134.77	56134.16016	56076.28533	56089.37109	504628.5	5409228.9
L4630.0	504628.5	5409230.6	3744.19995	248.52	41.67	48.836033	-86.936926	56154.82	56272.3	-22.28	56132.54	56131.99609	56075.59047	56088.74609	504628.5	5409230.6
L4630.0	504628.5	5409232.1	3744.30005	251.01	47.77	48.836047	-86.936927	56153.98	56272.3	-22.28	56131.70	56131.22266	56074.79448	56088.01953	504628.5	5409232.1
L4630.0	504628.5	5409232.1	3744.39990	252.81	47.39	48.836047	-86.936927	56153.52	56272.3	-22.29	56131.23	56130.82031	56073.96523	56087.25781	504628.5	5409232.1
L4630.0	504628.4	5409233.6	3744.50000	251.97	50.47	48.836061	-86.936927	56153.27	56272.3	-22.29	56130.98	56130.63672	56073.11258	56086.47656	504628.4	5409233.6
L4630.0	504628.4	5409235.0	3744.60010	253.68	52.39	48.836073	-86.936927	56152.24	56272.3	-22.30	56129.94	56129.66406	56072.30373	56085.73828	504628.4	5409235.0
L4630.0	504628.4	5409236.1	3744.69995	254.08	52.39	48.836083	-86.936927	56151.71	56272.3	-22.31	56129.40	56129.19531	56071.45254	56084.95703	504628.4	5409236.1
L4630.0	504628.4	5409237.3	3744.80005	253.35	52.05	48.836094	-86.936927	56151.02	56272.3	-22.31	56128.71	56128.57422	56070.60220	56084.17969	504628.4	5409237.3
L4630.0	504628.4	5409238.3	3744.89990	249.98	51.05	48.836103	-86.936927	56149.78	56272.3	-22.32	56127.46	56127.39844	56069.77988	56083.42969	504628.4	5409238.3
L4630.0	504628.4	5409239.6	3745.00000	248.21	51.05	48.836115	-86.936928	56148.83	56272.3	-22.32	56126.51	56126.51953	56068.92811	56082.64844	504628.4	5409239.6
L4630.0	504628.4	5409239.6	3745.10010	246.74	50.4	48.836115	-86.936928	56147.82	56272.3	-22.33	56125.49	56125.57031	56068.07140	56081.86328	504628.4	5409239.6
L4630.0	504628.4	5409241.7	3745.19995	249.31	53.75	48.836134	-86.936928	56147.36	56272.3	-22.33	56125.02	56125.17578	56067.16825	56081.03125	504628.4	5409241.7
L4630.0	504628.4	5409243.1	3745.30005	250.14	53.75	48.836146	-86.936928	56146.75	56272.3	-22.34	56124.41	56124.64063	56066.26451	56080.20313	504628.4	5409243.1
L4630.0	504628.4	5409243.1	3745.39990	249.79	48.25	48.836146	-86.936928	56146.09	56272.3	-22.35	56123.75	56124.05469	56065.35403	56079.36328	504628.4	5409243.1
L4630.0	504628.4	5409244.7	3745.50000	249.55	49.15	48.836161	-86.936928	56145.38	56272.4	-22.36	56123.03	56123.41016	56064.43729	56078.51953	504628.4	5409244.7
L4630.0	504628.4	5409246.8	3745.60010	250.52	49.15	48.836180	-86.936927	56143.82	56272.4	-22.36	56121.46	56121.91797	56063.56681	56077.72266	504628.4	5409246.8
L4630.0	504628.4	5409246.8	3745.69995	250.41	50.89	48.836180	-86.936927	56143.10	56272.4	-22.37	56120.73	56121.26172	56062.62976	56076.85938	504628.4	5409246.8
L4630.0	504628.4	5409248.4	3745.69995	250.41	49.68	48.836194	-86.936927	56142.78	56272.4	-22.37	56120.41	56121.01953	56061.65464	56075.95703	504628.4	5409248.4
L4630.0	504628.4	5409249.4	3745.80005	248.38	49.58	48.836202	-86.936927	56141.85	56272.4	-22.38	56119.48	56120.16797	56060.70928	56075.08594	504628.4	5409249.4
L4630.0	504628.4	5409250.8	3746.00000	243.65	49.58	48.836215	-86.936927	56141.00	56272.4	-22.39	56118.61	56119.37891	56059.74885	56074.20313	504628.4	5409250.8
L4630.0	504628.4	5409252.4	3746.10010	245.54	49.7	48.836230	-86.936927	56139.07	56272.4	-22.40	56116.67	56117.51563	56058.84853	56073.37500	504628.4	5409252.4
L4630.0	504628.5	5409253.3	3746.19995	245.90	49.7	48.836238	-86.936927	56138.52	56272.4	-22.40	56116.12	56117.04688	56057.84415	56072.44531	504628.5	5409253.3
L4630.0	504628.5	5409254.8	3746.30005	246.89	46.11	48.836251	-86.936926	56137.42	56272.4	-22.41	56115.01	56116.01563	56056.86555	56071.54297	504628.5	5409254.8
L4630.0	504628.5	5409256.2	3746.39990	247.20	46.75	48.836264	-86.936926	56136.39	56272.4	-22.41	56113.97	56115.05859	56055.87057	56070.62500	504628.5	5409256.2
L4630.0	504628.5	5409256.2	3746.50000	246.53	48.77	48.836264	-86.936926	56134.38	56272.4	-22.42	56111.96	56113.12891	56054.92839	56069.75781	504628.5	5409256.2
L4630.0	504628.5	5409257.4	3746.60010	245.70	48	48.836274	-86.936926	56134.83	56272.4	-22.43	56112.40	56113.65234	56053.81084	56068.71484	504628.5	5409257.4
L4630.0	504628.5	5409258.8	3746.69995	244.18	48	48.836287	-86.936926	56133.61	56272.4	-22.43	56111.17	56112.50391	56052.79245	56067.77344	504628.5	5409258.8
L4630.0	504628.5	5409260.2	3746.80005	244.80	48.25	48.836300	-86.936926	56132.18	56272.4	-22.44	56109.74	56111.15625	56051.77505	56066.83203	504628.5	5409260.2
L4630.0	504628.5	5409261.3	3746.89990	245.63	49.02	48.836310	-86.936925	56130.75	56272.4	-22.44	56108.30	56109.79688	56050.74584	56065.87891	504628.5	5409261.3
L4630.0	504628.5	5409262.5	3747.00000	246.00	45.45	48.836321	-86.936925	56129.67	56272.4	-22.45	56107.22	56108.80078	56049.68000	56064.89063	504628.5	5409262.5
L4630.0	504628.6	5409263.8	3747.10010	246.75	47.29	48.836332	-86.936925	56129.53	56272.5	-22.46	56107.07	56108.73438	56048.53939	56063.82813	504628.6	5409263.8
L4630.0	504628.6	5409265.1	3747.19995	246.82	47.29	48.836344	-86.936925	56128.41	56272.5	-22.46	56105.95	56107.69531	56047.45054	56062.81250	504628.6	5409265.1
L4630.0	504628.6	5409266.3	3747.30005	247.57	46.81	48.836355	-86.936925	56125.50	56272.5	-22.47	56103.03	56104.85938	56046.46865	56061.91016	504628.6	5409266.3
L4630.0	504628.6	5409267.3	3747.39990	247.01	45.04	48.836364	-86.936925	56124.70	56272.5	-22.48	56102.22	56104.13281	56045.33291	56060.85156	504628.6	5409267.3
L4630.0	504628.6	5409267.3	3747.50000	247.22	45.04	48.836364	-86.936925	56124.21	56272.5	-22.49	56101.72	56103.71875	56044.16321	56059.75781	504628.6	5409267.3
L4630.0	504628.6	5409268.7	3747.60010	250.55	43.33	48.836376	-86.936925	56122.88	56272.5	-22.49	56100.38	56102.46094	56043.03609	56058.70703	504628.6	5409268.7
L4630.0	504628.6	5409270.3	3747.69995	249.80	43.33	48.836391	-86.936924	56121.73	56272.5	-22.50	56099.23	56101.39453	56041.88276	56057.63281	504628.6	5409270.3

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4630.0	504628.6	5409271.5	3747.69995	249.80	43.54	48.836402	-86.936924	56119.67	56272.5	-22.50	56097.17	56099.41797	56040.77644	56056.60547	504628.6	5409271.5
L4630.0	504628.6	5409272.6	3747.80005	249.84	43.54	48.836412	-86.936924	56118.90	56272.5	-22.51	56096.39	56098.72266	56039.57103	56055.47656	504628.6	5409272.6
L4630.0	504628.6	5409273.8	3748.00000	247.53	48.8	48.836423	-86.936924	56116.32	56272.5	-22.52	56093.80	56096.21484	56038.47243	56054.45313	504628.6	5409273.8
L4630.0	504628.6	5409275.1	3748.10010	244.47	49.5	48.836434	-86.936924	56115.64	56272.5	-22.53	56093.12	56095.62109	56037.23254	56053.29297	504628.6	5409275.1
L4630.0	504628.6	5409276.4	3748.19995	243.24	44.85	48.836446	-86.936924	56114.20	56272.5	-22.54	56091.66	56094.24219	56036.03061	56052.16797	504628.6	5409276.4
L4630.0	504628.6	5409277.8	3748.30005	243.15	44.85	48.836459	-86.936924	56112.55	56272.5	-22.54	56090.00	56092.66406	56034.82788	56051.04297	504628.6	5409277.8
L4630.0	504628.6	5409279.0	3748.39990	245.41	48.39	48.836469	-86.936924	56111.74	56272.6	-22.55	56089.19	56091.93750	56033.55428	56049.84766	504628.6	5409279.0
L4630.0	504628.6	5409280.0	3748.50000	246.11	48.39	48.836478	-86.936924	56109.44	56272.6	-22.56	56086.88	56089.71094	56032.36640	56048.73828	504628.6	5409280.0
L4630.0	504628.6	5409280.0	3748.60010	248.49	44.38	48.836478	-86.936924	56108.25	56272.6	-22.57	56085.68	56088.58984	56031.09018	56047.53906	504628.6	5409280.0
L4630.0	504628.6	5409281.6	3748.69995	249.92	37.41	48.836492	-86.936924	56107.02	56272.6	-22.58	56084.44	56087.43359	56029.80224	56046.32813	504628.6	5409281.6
L4630.0	504628.6	5409283.0	3748.80005	250.49	48.14	48.836505	-86.936924	56104.73	56272.6	-22.58	56082.15	56085.22266	56028.56984	56045.17188	504628.6	5409283.0
L4630.0	504628.6	5409284.6	3748.89990	249.69	49.31	48.836519	-86.936924	56102.41	56272.6	-22.59	56079.81	56082.96484	56027.32630	56044.00781	504628.6	5409284.6
L4630.0	504628.6	5409285.8	3749.00000	249.58	49.31	48.836530	-86.936924	56100.56	56272.6	-22.60	56077.96	56081.19141	56026.03556	56042.79297	504628.6	5409285.8
L4630.0	504628.6	5409285.8	3749.10010	245.48	37.88	48.836530	-86.936924	56099.30	56272.6	-22.61	56076.69	56080.00391	56024.69161	56041.52734	504628.6	5409285.8
L4630.0	504628.6	5409287.2	3749.19995	245.52	45.84	48.836543	-86.936924	56097.22	56272.6	-22.61	56074.61	56078.00000	56023.38710	56040.29688	504628.6	5409287.2
L4630.0	504628.7	5409288.6	3749.30005	245.90	45.84	48.836556	-86.936923	56096.14	56272.6	-22.62	56073.52	56076.98828	56022.00201	56038.98828	504628.7	5409288.6
L4630.0	504628.7	5409290.0	3749.39990	245.48	47.9	48.836568	-86.936923	56094.54	56272.6	-22.62	56071.92	56075.46484	56020.63636	56037.69922	504628.7	5409290.0
L4630.0	504628.7	5409291.4	3749.50000	243.83	49.62	48.836580	-86.936923	56093.27	56272.6	-22.63	56070.64	56074.26172	56019.23480	56036.37500	504628.7	5409291.4
L4630.0	504628.7	5409292.5	3749.60010	244.29	49.44	48.836591	-86.936923	56090.16	56272.6	-22.64	56067.53	56071.22656	56017.94070	56035.15625	504628.7	5409292.5
L4630.0	504628.7	5409293.8	3749.69995	244.69	49.44	48.836602	-86.936923	56087.32	56272.6	-22.64	56064.67	56068.43750	56016.61543	56033.90625	504628.7	5409293.8
L4630.0	504628.7	5409294.9	3749.69995	244.69	44.8	48.836612	-86.936923	56086.14	56272.6	-22.64	56063.50	56067.33984	56015.16302	56032.53125	504628.7	5409294.9
L4630.0	504628.7	5409296.1	3749.80005	244.03	47.08	48.836622	-86.936923	56084.40	56272.6	-22.65	56061.75	56065.66406	56013.73486	56031.17578	504628.7	5409296.1
L4630.0	504628.7	5409296.1	3750.00000	247.49	47.38	48.836622	-86.936923	56082.66	56272.7	-22.66	56060.00	56063.98438	56012.29234	56029.80859	504628.7	5409296.1
L4630.0	504628.7	5409297.7	3750.10010	247.46	47.38	48.836638	-86.936923	56080.36	56272.7	-22.67	56057.69	56061.74219	56010.87289	56028.46484	504628.7	5409297.7
L4630.0	504628.7	5409299.2	3750.19995	246.31	49.28	48.836651	-86.936923	56078.28	56272.7	-22.68	56055.60	56059.72266	56009.42459	56027.08984	504628.7	5409299.2
L4630.0	504628.7	5409300.5	3750.30005	247.99	47.91	48.836663	-86.936923	56076.15	56272.7	-22.68	56053.47	56057.65625	56007.96488	56025.70703	504628.7	5409300.5
L4630.0	504628.7	5409302.0	3750.39990	248.07	49.21	48.836676	-86.936923	56073.70	56272.7	-22.69	56051.01	56055.26172	56006.51320	56024.32813	504628.7	5409302.0
L4630.0	504628.7	5409303.3	3750.50000	246.09	49.21	48.836688	-86.936923	56072.06	56272.7	-22.70	56049.36	56053.67578	56004.99371	56022.87891	504628.7	5409303.3
L4630.0	504628.7	5409303.3	3750.60010	244.66	49.46	48.836688	-86.936923	56068.62	56272.7	-22.71	56045.91	56050.28906	56003.58053	56021.53906	504628.7	5409303.3
L4630.0	504628.7	5409304.3	3750.69995	246.00	49.71	48.836696	-86.936923	56067.13	56272.7	-22.72	56044.41	56048.84766	56002.02386	56020.05469	504628.7	5409304.3
L4630.0	504628.7	5409305.7	3750.80005	246.97	49.84	48.836709	-86.936923	56064.72	56272.7	-22.72	56041.99	56046.48828	56000.51519	56018.61719	504628.7	5409305.7
L4630.0	504628.7	5409307.1	3750.89990	248.85	49.84	48.836722	-86.936923	56061.71	56272.7	-22.73	56038.98	56043.53516	55999.03274	56017.20703	504628.7	5409307.1
L4630.0	504628.7	5409308.5	3751.00000	250.01	50.28	48.836735	-86.936923	56059.06	56272.7	-22.74	56036.32	56040.92969	55997.51406	56015.75781	504628.7	5409308.5
L4630.0	504628.7	5409308.5	3751.10010	249.81	50.4	48.836735	-86.936923	56057.16	56272.7	-22.75	56034.41	56039.07422	55995.93273	56014.25000	504628.7	5409308.5
L4630.0	504628.7	5409310.7	3751.19995	248.56	49.65	48.836754	-86.936923	56054.93	56272.8	-22.75	56032.18	56036.89844	55994.36035	56012.74609	504628.7	5409310.7
L4630.0	504628.6	5409311.9	3751.30005	248.64	51.27	48.836765	-86.936923	56052.50	56272.8	-22.76	56029.74	56034.50781	55992.78986	56011.24609	504628.6	5409311.9
L4630.0	504628.6	5409313.3	3751.39990	246.62	51.27	48.836778	-86.936923	56050.28	56272.8	-22.77	56027.51	56032.32422	55991.19358	56009.71484	504628.6	5409313.3
L4630.0	504628.6	5409314.5	3751.50000	244.00	49.67	48.836789	-86.936924	56046.63	56272.8	-22.77	56023.86	56028.71875	55989.68050	56008.26953	504628.6	5409314.5
L4630.0	504628.6	5409315.7	3751.60010	244.14	47.62	48.836799	-86.936924	56043.73	56272.8	-22.78	56020.95	56025.85547	55988.10700	56006.76563	504628.6	5409315.7
L4630.0	504628.6	5409315.7	3751.69995	246.65	48.64	48.836799	-86.936924	56040.96	56272.8	-22.79	56018.18	56023.12500	55986.51344	56005.23828	504628.6	5409315.7
L4630.0	504628.6	5409317.1	3751.69995	246.65	46.56	48.836812	-86.936924	56038.96	56272.8	-22.79	56016.18	56021.16406	55984.85825	56003.64844	504628.6	5409317.1
L4630.0	504628.6	5409318.8	3751.80005	246.19	46.56	48.836827	-86.936924	56034.85	56272.8	-22.80	56012.05	56017.07422	55983.33520	56002.19141	504628.6	5409318.8
L4630.0	504628.6	5409320.4	3752.00000	246.39	45.53	48.836842	-86.936924	56031.66	56272.8	-22.81	56008.85	56013.91016	55981.74077	56000.66016	504628.6	5409320.4
L4630.0	504628.6	5409321.4	3752.10010	249.72	50.37	48.836850	-86.936924	56030.24	56272.8	-22.82	56007.42	56012.51172	55980.01945	55999.00000	504628.6	5409321.4
L4630.0	504628.6	5409321.4	3752.19995	250.18	50.01	48.836850	-86.936924	56025.87	56272.8	-22.82	56003.04	56008.16016	55978.48645	55997.53125	504628.6	5409321.4
L4630.0	504628.6	5409322.8	3752.30005	250.81	50.01	48.836863	-86.936924	56023.52	56272.8	-22.83	56000.69	56005.83984	55976.81035	55995.91797	504628.6	5409322.8
L4630.0	504628.6	5409323.9	3752.39990	252.19	49.88	48.836873	-86.936924	56019.74	56272.8	-22.84	55996.90	56002.07422	55975.22308	55994.39063	504628.6	5409323.9
L4630.0	504628.6	5409325.3	3752.50000	251.21	50.64	48.836885	-86.936924	56017.32	56272.8	-22.85	55994.47	55999.66797	55973.53862	55992.76563	504628.6	5409325.3
L4630.0	504628.6	5409326.7	3752.60010	250.47	50.64	48.836898	-86.936924	56014.31	56272.9	-22.85	55991.46	55996.67969	55971.88698	55991.17578	504628.6	5409326.7
L4630.0	504628.6	5409327.8	3752.69995	251.79	50.93	48.836909	-86.936924	56010.74	56272.9	-22.86	55987.88	55993.11719	55970.26823	55989.61328	504628.6	5409327.8
L4630.0	504628.6	5409328.8	3752.80005	253.28	50.66	48.836917	-86.936924	56007.96	56272.9	-22.87	55985.09	55990.33984	55968.59245	55987.99609	504628.6	5409328.8
L4630.0	504628.6	5409330.2	3752.89990	252.00	47.58	48.836930	-86.936924	56004.60	56272.9	-22.87	55981.72	55986.98438	55966.95179	55986.41016	504628.6	5409330.2
L4630.0	504628.6	5409331.6	3753.00000	250.04	47.58	48.836942	-86.936924	56000.42	56272.9	-22.88	55977.54	55982.81250	55965.36244	55984.87891	504628.6	5409331.6
L4630.0	504628.6	5409331.6	3753.10010	244.40	50.59	48.836942	-86.936924	55995.56	56272.9	-22.89	55972.68	55977.96094	55963.81661	55983.38672	504628.6	5409331.6
L4630.0	504628.6	5409333.4	3753.19995	244.50	50.89	48.836959	-86.936923	55993.09	56272.9	-22.89	55970.19	55975.47656	55962.11193	55981.73438	504628.6	5409333.4
L4630.0	504628.6	5409334.6	3753.30005	245.28	50.89	48.836969	-86.936923	55989.26	56272.9	-22.90	55966.36	55971.64453	55960.49670	55980.17188	504628.6	5409334.6
L4630.0	504628.7	5409336.0	3753.39990	246.27	44.67	48.836982	-86.936923	55986.03	56272.9	-22.91	55963.12	55968.40625	55958.84331	55978.57031	504628.7	5409336.0
L4630.0	504628.7	5409337.1	3753.50000	245.11	44.21	48.836992	-86.936923	55982.21	56272.9	-22.91	55959.29	55964.57031	55957.23151	55977.00781	504628.7	5409337.1
L4630.0	504628.7	5409337.9	3753.60010	244.37	50.21	48.836999	-86.936922	55977.98	56272.9	-22.92	55955.06	55960.33203	55955.64977	55975.47656	504628.7	5409337.9
L4630.0	504628.7	5409339.4	3753.69995	242.37	50.21	48.837013	-86.936922	55973.89	56272.9	-22.93	55950.96	55956.22266	55954.06395	55973.94141	504628.7	5409339.4
L4630.0	504628.7	5409340.8	3753.69995	242.37	50.69	48.837025	-86.936922	55971.11	56272.9	-22.93	55948.18	55953.42969	55952.39596	55972.32031	504628.7	5409340.8
L4630.0	504628.7	5409342.1	3753.80005	241.44	50.69	48.837036	-86.936922	55964.53	56272.9	-22.94	55941.59	55946.82422	55950.98909	55970.95703	504628.7	5409342.1
L4630.0	504628.7	5409342.1	3754.00000	243.27	47.28	48.837036	-86.936922	55960.25	56272.9	-22.95	55937.30	55942.51563	55949.43737	55969.44922	504628.7	5409342.1
L4630.0	504628.8	5409343.5	3754.10010	242.76	40.89	48.837049	-86.936921	55957.57	56273	-22.95	55934.62	55939.81250	55947.78818	55967.84375	504628.8	5409343.5
L4630.0	504628.8	5409345.1	3754.19995	242.86	40.89	48.837064	-86.936921	55951.96	56273	-22.96	55929.00	55934.16797	55946.34632	55966.44531	504628.8	5409345.1
L4630.0	504628.8	5409346.5	3754.30005	243.06	40.07	48.837077	-86.936921	55947.18	56273	-22.96	55924.21	55929.35156	55944.86197	55965.00391	504628.8	5409346.5
L4630.0	504628.8	5409346.5	3754.39990	242.61	44.61	48.837077	-86.936921	55943.08	56273	-22.97	55920.11	55925.21875	55943.34602	55963.52734	504628.8	5409346.5
L4630.0	504628.8	5409348.2	3754.50000	239.42	46.34	48.837091	-86.936920	55938.98	56273	-22.97	55916.00	55921.07422	55941.84674	55962.06641	504628.8	5409348.2
L4630.0	504628.9	5409349.4	3754.60010	237.37	46.34	48.837102	-86.936920	55933.95	56273	-22.98	55910.97	55916.00781	55940.42646	55960.68359	504628.9	5409349.4
L4630.0	504628.9	5409350.3	3754.69995	240.13	41.12	48.837111	-86.936920	55929.57	56273	-22.99	55906.58	55911.57813	55938.98291	55959.27734	504628.9	5409350.3
L4630.0	504628.9	5409351.7	3754.80005	243.30	41.12	48.837123	-86.936920	55924.84	56273	-22.99	55901.85	55906.80469	55937.58318	55957.91406	504628.9	5409351.7
L4630.0	504628.9	5409353.3	3754.89990	244.78	50.06	48.837138	-86.936919	55919.73	56273	-23.00	55896.74	55901.64844	55936.23174	55956.59375	504628.9	5409353.3
L4630.0	504628.9	5409353.3	3755.00000	246.74	48.31	48.837138	-86.936919	55915.53	56273	-23.00	55892.53	55897.39063	55934.84511	55955.23828	504628.9	5409353.3
L4630.0	504628.9	5409355.9	3755.10010	247.94	48.31	48.837161	-86.936919	55910.32	56273	-23.01	55887.31	55892.11719	55933.55253	55953.98047	504628.9	5409355.9
L4630.0	504628.9	5409355.9	3755.19995	250.14	46.12	48.837161	-86.936919	55904.66	56273	-23.01	55881.64	55886.39453	55932.31861	55952.77344	504628.9	5409355.9
L4630.0	504628.9	5409357.1	3755.30005	252.52	48.46	48.837171	-86.936919	55899.72	56273	-23.02	55876.70	55881.39453	55931.06665	55951.55078	504628.9	5409357.1
L4630.0	504628.9	5409358.5	3755.39990	250.00	48.46	48.837184	-86.936919	55895.52	56273	-23.03	55872.50	55877.13672	55929.79800	55950.30859	504628.9	5409358.5
L4630.0	504629.0	5409360.1	3755.50000	249.67	49.87	48.837199	-86.936919	55889.75	56273	-23.04	55866.72	55871.29297	55928.66937	55949.20703	504629.0	5409360.1
L4630.0	504629.0	5409360.1	3755.60010	249.25	48.44	48.837199	-86.936919	55885.11	56273	-23.04	55862.06	55866.56641	55927.50284	55948.06641	504629.0	5409360.1
L4630.0	504629.0	5409361.6	3755.69995	251.74	50.62	48.837212	-86.936918	55878.18	56273	-23.05	55855.13	55859.56641	55926.52650	55947.10938	504629.0	5409361.6
L4630.0	504629.0	5409362.9	3755.69995	251.74	50.62	48.837224	-86.936918	55873.34	56273	-23.05	55850.29	55854.65234	55925.45180	55946.05859	504629.0	5409362.9
L4630.0	504629.0	5409364.4	3755.80005	254.56	50.25	48.837237	-86.936918	55868.48	56273.1	-23.06	55845.42	55849.70703	55924.42221	55945.04688	504629.0	5409364.4
L4630.0	504629.0	5409365.7	3756.00000	252.94	49.26	48.837249	-86.936918	55864.54	56273.1	-23.07	55841.47	55845.67969	55923.37654	55944.02344	504629.0	5409365.7
L4630.0	504629.0	5409366.5	3756.10010	254.95	49.26	48.837256	-86.936918	55859.23	56273.1	-23.08	55836.15	55840.27734	55922.46960	55943.13281	504629.0	5409366.5
L4630.0	504629.0	5409368.1	3756.19995	252.97	45.5	48.837271	-86.936918	55853.02	56273.1	-23.08	55829.94	55833.98438	55921.67154	55942.35156	504629.0	5409368.1
L4630.0	504629.0	5409368.1	3756.30005	249.62	43.27	48.837271	-86.936918	55847.92	56273.1	-23.09	55824.83	55828.78906	55920.85184	55941.54688	504629.0	5409368.1
L4630.0	504629.0	5409369.6	3756.39990	250.22	48.37	48.837284	-86.936918	55843.74	56273.1	-23.10	55820.64	55824.50781	55920.02462	55940.73047	504629.0	5409369.6
L4630.0	504629.0	5409371.2	3756.50000	251.69	48.37	48.837298	-86.936918	55838.69	56273.1	-23.10	55815.58	55819.35938	55919.31133	55940.03125	504629.0	5409371.2
L4630.0	504629.0	5409372.3	3756.60010	250.70	50.08	48.837309	-86.936918	55834.86	56273.1	-23.11	55811.75	55815.43359	55918.57407	55939.30078	504629.0	5409372.3
L4630.0	504629.0	5409373.5	3756.69995	251.94	50.19	48.837320	-86.936918	55829.22	56273.1	-23.12	55806.10	55809.68750	55918.01821	55938.75391	504629.0	5409373.5
L4630.0	504629.0	5409374.4	3756.80005	251.98	50.22	48.837328	-86.936918	55823.87	56273.1	-23.13	55800.74	55804.22656	55917.50512	55938.25000	504629.0	5409374.4
L4630.0	504629.0	5409375.8	3756.89990	251.04	49.99	48.837340	-86.936918	55819.66	56273.1	-23.13	55796.53	55799.91797	55916.97943	55937.73047	504629.0	5409375.8
L4630.0	504629.0	5409377.2	3757.00000	249.31	49.99	48.837353	-86.936918	55816.25	56273.1	-23.14	55793.11	55796.39453	55916.46707	55937.22266	504629.0	5409377.2

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4630.0	504629.0	5409377.2	3757.10010	249.60	49.96	48.837353	-86.936918	55811.57	56273.1	-23.14	55788.42	55791.59766	55916.10723	55936.86719	504629.0	5409377.2
L4630.0	504629.0	5409378.6	3757.19995	249.44	49.89	48.837365	-86.936918	55808.43	56273.1	-23.15	55785.29	55788.35938	55915.71305	55936.47266	504629.0	5409378.6
L4630.0	504629.0	5409381.3	3757.30005	249.48	48.46	48.837389	-86.936917	55803.80	56273.2	-23.15	55780.65	55783.60938	55915.49093	55936.25000	504629.0	5409381.3
L4630.0	504629.0	5409382.2	3757.39990	249.92	48.46	48.837397	-86.936917	55800.46	56273.2	-23.16	55777.31	55780.15625	55915.25518	55936.01563	504629.0	5409382.2
L4630.0	504629.0	5409382.2	3757.50000	250.40	50.03	48.837397	-86.936917	55797.66	56273.2	-23.16	55774.50	55777.23047	55915.05869	55935.81641	504629.0	5409382.2
L4630.0	504629.0	5409383.6	3757.60010	251.70	48.7	48.837410	-86.936917	55795.21	56273.2	-23.16	55772.04	55774.65625	55914.91493	55935.66797	504629.0	5409383.6
L4630.0	504629.0	5409384.9	3757.69995	250.85	49.54	48.837421	-86.936917	55792.02	56273.2	-23.17	55768.85	55771.34766	55914.89727	55935.64453	504629.0	5409384.9
L4630.0	504629.0	5409386.2	3757.69995	250.85	49.67	48.837434	-86.936917	55788.83	56273.2	-23.17	55765.66	55768.03516	55914.95831	55935.69922	504629.0	5409386.2
L4630.0	504629.0	5409387.9	3757.80005	248.53	49.67	48.837448	-86.936917	55787.79	56273.2	-23.17	55764.62	55766.87500	55914.95586	55935.68750	504629.0	5409387.9
L4630.0	504629.0	5409387.9	3758.00000	247.46	45.68	48.837448	-86.936917	55786.35	56273.2	-23.18	55763.17	55765.30078	55915.06163	55935.78516	504629.0	5409387.9
L4630.0	504629.0	5409389.5	3758.10010	248.41	44.73	48.837463	-86.936917	55783.54	56273.2	-23.19	55760.35	55762.35547	55915.34051	55936.05469	504629.0	5409389.5
L4630.0	504629.0	5409390.5	3758.19995	250.21	44.31	48.837472	-86.936917	55781.77	56273.2	-23.19	55758.58	55760.46094	55915.63196	55936.33203	504629.0	5409390.5
L4630.0	504629.0	5409391.9	3758.30005	247.59	44.31	48.837485	-86.936917	55782.00	56273.2	-23.20	55758.81	55760.56250	55915.87328	55936.56250	504629.0	5409391.9
L4630.0	504629.0	5409393.1	3758.39990	246.48	48.64	48.837495	-86.936917	55781.87	56273.2	-23.20	55758.66	55760.28125	55916.22365	55936.89844	504629.0	5409393.1
L4630.0	504629.0	5409394.6	3758.50000	245.01	45.15	48.837509	-86.936917	55780.77	56273.2	-23.21	55757.56	55759.05078	55916.72142	55937.37891	504629.0	5409394.6
L4630.0	504629.0	5409394.6	3758.60010	243.88	47.54	48.837509	-86.936917	55781.59	56273.2	-23.22	55758.37	55759.73047	55917.17615	55937.81641	504629.0	5409394.6
L4630.0	504629.0	5409396.2	3758.69995	242.34	47.54	48.837524	-86.936917	55781.70	56273.2	-23.22	55758.48	55759.70703	55917.76190	55938.38281	504629.0	5409396.2
L4630.0	504629.0	5409398.1	3758.80005	244.67	42.8	48.837540	-86.936918	55782.56	56273.2	-23.23	55759.33	55760.42188	55918.38259	55938.98438	504629.0	5409398.1
L4630.0	504629.0	5409399.5	3758.89990	246.03	43.18	48.837553	-86.936918	55784.86	56273.2	-23.23	55761.63	55762.58984	55918.99063	55939.57031	504629.0	5409399.5
L4630.0	504629.0	5409400.5	3759.00000	248.06	43.18	48.837562	-86.936918	55787.08	56273.2	-23.24	55763.84	55764.66406	55919.68831	55940.24609	504629.0	5409400.5
L4630.0	504629.0	5409400.5	3759.10010	247.55	47.88	48.837562	-86.936918	55789.31	56273.2	-23.25	55766.06	55766.74609	55920.46840	55941.00000	504629.0	5409400.5
L4630.0	504629.0	5409403.0	3759.19995	247.09	49.59	48.837585	-86.936918	55791.43	56273.3	-23.25	55768.18	55768.73047	55921.33754	55941.84766	504629.0	5409403.0
L4630.0	504629.0	5409403.0	3759.30005	246.57	48.64	48.837585	-86.936918	55794.17	56273.3	-23.26	55770.91	55771.32031	55922.24752	55942.73047	504629.0	5409403.0
L4630.0	504629.0	5409404.4	3759.39990	243.15	48.64	48.837597	-86.936918	55798.14	56273.3	-23.27	55774.88	55775.15234	55923.15533	55943.60938	504629.0	5409404.4
L4630.0	504629.0	5409405.4	3759.50000	239.55	47.68	48.837606	-86.936918	55801.52	56273.3	-23.27	55778.25	55778.38672	55924.18248	55944.60938	504629.0	5409405.4
L4630.0	504629.0	5409407.0	3759.60010	241.92	46.99	48.837621	-86.936918	55806.19	56273.3	-23.28	55782.91	55782.90625	55925.20165	55945.59766	504629.0	5409407.0
L4630.0	504629.0	5409408.3	3759.69995	242.82	46.99	48.837632	-86.936918	55811.54	56273.3	-23.29	55788.25	55788.10938	55926.25204	55946.61719	504629.0	5409408.3
L4630.0	504629.0	5409408.3	3759.69995	242.82	44.33	48.837632	-86.936918	55816.96	56273.3	-23.29	55793.67	55793.39063	55927.37205	55947.70703	504629.0	5409408.3
L4630.0	504628.9	5409411.0	3759.80005	245.29	40.05	48.837657	-86.936918	55821.96	56273.3	-23.30	55798.66	55798.24219	55928.59394	55948.89453	504628.9	5409411.0
L4630.0	504628.9	5409412.0	3760.00000	245.89	47.4	48.837665	-86.936918	55827.06	56273.3	-23.31	55803.75	55803.19141	55929.88052	55950.14844	504628.9	5409412.0
L4630.0	504628.9	5409412.0	3760.10010	246.48	47.4	48.837665	-86.936918	55832.89	56273.3	-23.31	55809.58	55808.88281	55931.18711	55951.41797	504628.9	5409412.0
L4630.0	504628.9	5409413.4	3760.19995	246.78	49.06	48.837678	-86.936918	55839.82	56273.3	-23.32	55816.51	55815.67578	55932.48760	55952.68359	504628.9	5409413.4
L4630.0	504628.9	5409414.8	3760.30005	248.54	49.06	48.837691	-86.936918	55846.45	56273.3	-23.32	55823.13	55822.16016	55933.87376	55954.03516	504628.9	5409414.8
L4630.0	504628.9	5409416.2	3760.39990	249.15	48	48.837703	-86.936918	55852.88	56273.3	-23.33	55829.55	55828.44141	55935.33593	55955.45703	504628.9	5409416.2
L4630.0	504628.9	5409417.9	3760.50000	250.19	47.4	48.837718	-86.936918	55859.84	56273.3	-23.33	55836.51	55835.26563	55936.82234	55956.90625	504628.9	5409417.9
L4630.0	504628.9	5409419.0	3760.60010	250.20	47.4	48.837729	-86.936918	55868.18	56273.3	-23.33	55844.85	55843.46875	55938.27447	55958.31641	504628.9	5409419.0
L4630.0	504628.9	5409419.0	3760.69995	252.18	47.52	48.837729	-86.936918	55876.35	56273.3	-23.34	55853.01	55851.49219	55939.79372	55959.79688	504628.9	5409419.0
L4630.0	504628.9	5409420.4	3760.80005	250.74	47.52	48.837741	-86.936918	55884.24	56273.3	-23.34	55860.90	55859.25000	55941.38340	55961.34375	504628.9	5409420.4
L4630.0	504628.9	5409421.4	3760.89990	252.69	46.45	48.837750	-86.936918	55890.79	56273.3	-23.35	55867.45	55865.66797	55943.11212	55963.03125	504628.9	5409421.4
L4630.0	504628.9	5409422.8	3761.00000	252.11	47.29	48.837762	-86.936918	55898.82	56273.3	-23.35	55875.47	55873.55469	55944.78975	55964.66406	504628.9	5409422.8
L4630.0	504628.9	5409424.2	3761.10010	253.38	47.29	48.837775	-86.936918	55907.74	56273.4	-23.36	55884.38	55882.33203	55946.45210	55966.28516	504628.9	5409424.2
L4630.0	504628.9	5409425.8	3761.19995	252.31	45.67	48.837790	-86.936918	55915.94	56273.4	-23.37	55892.57	55890.39453	55948.20365	55967.99219	504628.9	5409425.8
L4630.0	504628.9	5409425.8	3761.30005	253.91	33.22	48.837790	-86.936918	55922.87	56273.4	-23.37	55899.49	55897.18359	55950.07814	55969.82031	504628.9	5409425.8
L4630.0	504629.0	5409427.3	3761.39990	253.26	33.22	48.837803	-86.936918	55931.90	56273.4	-23.38	55908.52	55906.08984	55951.84731	55971.54297	504629.0	5409427.3
L4630.0	504629.0	5409428.4	3761.50000	251.36	33.91	48.837813	-86.936917	55940.34	56273.4	-23.39	55916.95	55914.39063	55953.68891	55973.33984	504629.0	5409428.4
L4630.0	504629.0	5409429.9	3761.60010	249.46	39.56	48.837826	-86.936917	55948.74	56273.4	-23.40	55925.34	55922.65625	55955.56266	55975.16406	504629.0	5409429.9
L4630.0	504629.0	5409430.8	3761.69995	249.34	47.2	48.837835	-86.936917	55957.09	56273.4	-23.41	55933.68	55930.87500	55957.46630	55977.01953	504629.0	5409430.8
L4630.0	504629.0	5409432.2	3761.69995	249.34	49.49	48.837847	-86.936917	55965.99	56273.4	-23.41	55942.59	55939.66406	55959.35557	55978.85938	504629.0	5409432.2
L4630.0	504629.0	5409433.5	3761.80005	246.49	49.5	48.837859	-86.936917	55973.10	56273.4	-23.41	55949.69	55946.64844	55961.38626	55980.84375	504629.0	5409433.5
L4630.0	504629.0	5409433.5	3762.00000	249.20	49.5	48.837859	-86.936917	55981.95	56273.4	-23.43	55958.52	55955.35938	55963.31950	55982.72656	504629.0	5409433.5
L4630.0	504629.0	5409435.3	3762.10010	249.59	43.5	48.837875	-86.936917	55988.61	56273.4	-23.44	55965.17	55961.89453	55965.41314	55984.76953	504629.0	5409435.3
L4630.0	504629.0	5409436.5	3762.19995	250.23	38.7	48.837886	-86.936917	55996.30	56273.4	-23.44	55972.85	55969.46094	55967.45040	55986.75781	504629.0	5409436.5
L4630.0	504629.0	5409437.9	3762.30005	251.78	38.7	48.837899	-86.936917	56004.46	56273.5	-23.45	55981.01	55977.51172	55969.46523	55988.72266	504629.0	5409437.9
L4630.0	504629.0	5409439.2	3762.39990	251.67	42.93	48.837910	-86.936917	56012.56	56273.5	-23.46	55989.11	55985.50391	55971.49094	55990.69531	504629.0	5409439.2
L4630.0	504629.0	5409440.3	3762.50000	251.74	49.38	48.837920	-86.936917	56019.39	56273.5	-23.46	55995.93	55992.21875	55973.60628	55992.75781	504629.0	5409440.3
L4630.0	504629.0	5409440.3	3762.60010	250.22	49.38	48.837920	-86.936917	56027.64	56273.5	-23.47	56004.17	56000.35547	55975.62869	55994.73047	504629.0	5409440.3
L4630.0	504629.0	5409442.2	3762.69995	249.58	44.99	48.837937	-86.936917	56034.75	56273.5	-23.48	56011.27	56007.35156	55977.72639	55996.77734	504629.0	5409442.2
L4630.0	504629.0	5409443.7	3762.80005	248.23	45.43	48.837950	-86.936917	56039.14	56273.5	-23.49	56015.66	56011.64453	55980.00164	55999.00000	504629.0	5409443.7
L4630.0	504629.0	5409445.1	3762.89990	248.17	45.43	48.837963	-86.936917	56046.96	56273.5	-23.49	56023.47	56019.35938	55982.04349	56000.98828	504629.0	5409445.1
L4630.0	504629.0	5409446.5	3763.00000	249.35	48.83	48.837976	-86.936917	56053.52	56273.5	-23.50	56030.02	56025.81641	55984.16169	56003.05469	504629.0	5409446.5
L4630.0	504629.0	5409446.5	3763.10010	249.15	48.16	48.837976	-86.936917	56060.47	56273.5	-23.51	56036.96	56032.66406	55986.24411	56005.08203	504629.0	5409446.5
L4630.0	504629.0	5409448.2	3763.19995	247.50	39.68	48.837991	-86.936917	56066.49	56273.5	-23.51	56042.98	56038.59375	55988.37603	56007.16016	504629.0	5409448.2
L4630.0	504629.0	5409450.1	3763.30005	248.09	39.68	48.838008	-86.936917	56072.89	56273.5	-23.52	56049.37	56044.90234	55990.46950	56009.20313	504629.0	5409450.1
L4630.0	504629.0	5409450.1	3763.39990	248.00	43.1	48.838008	-86.936917	56078.76	56273.5	-23.52	56055.24	56050.68750	55992.58197	56011.26172	504629.0	5409450.1
L4630.0	504629.0	5409451.6	3763.50000	249.49	46.51	48.838021	-86.936917	56083.84	56273.5	-23.53	56060.31	56055.67969	55994.73035	56013.35547	504629.0	5409451.6
L4630.0	504629.0	5409453.3	3763.60010	250.55	46.51	48.838037	-86.936917	56089.94	56273.5	-23.54	56066.40	56061.69141	55996.79161	56015.36328	504629.0	5409453.3
L4630.0	504629.0	5409454.8	3763.69995	252.98	46.44	48.838050	-86.936917	56094.59	56273.5	-23.54	56071.05	56066.26563	55998.92817	56017.44922	504629.0	5409454.8
L4630.0	504629.0	5409456.0	3763.69995	252.98	47.18	48.838061	-86.936917	56100.01	56273.5	-23.54	56076.47	56071.61719	56000.99119	56019.45703	504629.0	5409456.0
L4630.0	504629.0	5409457.2	3763.80005	253.33	47.18	48.838072	-86.936917	56104.00	56273.5	-23.55	56080.45	56075.53125	56003.12661	56021.53906	504629.0	5409457.2
L4630.0	504629.0	5409457.2	3764.00000	253.86	47.23	48.838072	-86.936917	56109.12	56273.6	-23.56	56085.56	56080.57422	56005.16178	56023.52344	504629.0	5409457.2
L4630.0	504629.0	5409458.6	3764.10010	250.90	47.76	48.838085	-86.936917	56112.96	56273.6	-23.57	56089.39	56084.34375	56007.25616	56025.56641	504629.0	5409458.6
L4630.0	504629.0	5409460.7	3764.19995	248.13	47.76	48.838104	-86.936917	56117.11	56273.6	-23.57	56093.53	56088.42578	56009.30260	56027.55859	504629.0	5409460.7
L4630.0	504629.0	5409461.7	3764.30005	249.04	47.7	48.838112	-86.936917	56121.38	56273.6	-23.58	56097.80	56092.64063	56011.31207	56029.51563	504629.0	5409461.7
L4630.0	504629.0	5409463.0	3764.39990	248.92	47.84	48.838124	-86.936917	56125.78	56273.6	-23.58	56102.19	56096.97656	56013.28428	56031.43750	504629.0	5409463.0
L4630.0	504629.0	5409463.9	3764.50000	249.23	40.32	48.838133	-86.936917	56130.94	56273.6	-23.59	56107.35	56102.08984	56015.17501	56033.27734	504629.0	5409463.9
L4630.0	504629.0	5409465.4	3764.60010	249.28	40.32	48.838146	-86.936917	56134.28	56273.6	-23.60	56110.68	56105.37109	56017.15682	56035.20703	504629.0	5409465.4
L4630.0	504629.0	5409465.4	3764.69995	247.99	39.53	48.838146	-86.936917	56136.92	56273.6	-23.60	56113.32	56107.96875	56019.15298	56037.15234	504629.0	5409465.4
L4630.0	504629.0	5409467.1	3764.80005	246.60	39.53	48.838161	-86.936917	56140.42	56273.6	-23.61	56116.81	56111.42188	56021.06020	56039.00781	504629.0	5409467.1
L4630.0	504629.0	5409468.6	3764.89990	245.36	44.1	48.838175	-86.936917	56143.72	56273.6	-23.61	56120.10	56114.67578	56022.94791	56040.84375	504629.0	5409468.6
L4630.0	504629.0	5409470.0	3765.00000	243.80	47.74	48.838188	-86.936917	56146.91	56273.6	-23.62	56123.29	56117.83203	56024.80896	56042.65625	504629.0	5409470.0
L4630.0	504629.0	5409471.5	3765.10010	244.22	47.74	48.838200	-86.936917	56150.57	56273.6	-23.63	56126.94	56121.45313	56026.60557	56044.40234	504629.0	5409471.5
L4630.0	504629.0	5409471.5	3765.19995	242.50	48.57	48.838200	-86.936917	56152.09	56273.6	-23.64	56128.45	56122.93750	56028.51074	56046.26172	504629.0	5409471.5
L4630.0	504629.0	5409473.1	3765.30005	241.18	47.73	48.838215	-86.936917	56155.29	56273.6	-23.65	56131.65	56126.11719	56030.26883	56047.96875	504629.0	5409473.1
L4630.0	504629.0	5409474.8	3765.39990	243.85	47.73	48.838230	-86.936917	56157.91	56273.7	-23.66	56134.25	56128.69531	56032.03226	56049.68750	504629.0	5409474.8
L4630.0	504629.0	5409474.8	3765.50000	243.91	48.09	48.838230	-86.936917	56160.39	56273.7	-23.67	56136.72	56131.14844	56033.76953	56051.37500	504629.0	5409474.8
L4630.0	504628.9	5409476.3	3765.60010	243.07	43.79	48.838243	-86.936917	56162.99	56273.7	-23.67	56139.31	56133.72656	56035.46384	56053.02344	504628.9	5409476.3
L4630.0	504628.9	5409478.8	3765.69995	243.44	43.79	48.838267	-86.936918	56165.42	56273.7	-23.68	56141.74	56136.14844	56037.13377	56054.64844	504628.9	5409478.8
L4630.0	504628.9	5409478.8	3765.69995	243.44	40.28	48.838267	-86.936918	56166.16	56273.7	-23.68	56142.47	56136.87109	56038.88197	56056.35156	504628.9	5409478.8
L4630.0	504628.9	5409480.5	3765.80005	242.17	40.28	48.838282	-86.936918	56169.02	56273.7	-23.69	56145.32	56139.71875	56040.45377	56057.87891	504628.9	5409480.5
L4630.0	504628.9	5409482.0	3766.00000	245.19	47.34	48.838295	-86.936918	56171.84	56273.7	-23.71	56148.13	56142.52734	56041.99324	56059.37500	504628.9	5409482.0
L4630.0	504628.8	5409483.9	3766.10010	241.37	48.28	48.838313	-86.936919	56173.94	56273.7	-23.71	56150.22	56144.62109	56043.54579	56060.88281	504628.8	5409483.9
L4630.0	504628.8	5409484.0	3766.19995	240.62	48.28	48.838313	-86.936919	56175.54	56273.7	-23.72	56151.82	56146.22656	56045.09622	56062.39063	504628.8	5409484.0
L4630.0	504628.8	5409484.0	3766.30005	239.43	47.78	48.838313	-86.936919	56176.82	56273.7	-23.72	56153.10	56147.51953	56046.63336	56063.88672	504628.8	5409484.0

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4630.0	504628.8	5409487.3	3766.39990	237.36	48.19	48.838343	-86.936920	56177.98	56273.7	-23.73	56154.25	56148.67969	56048.14473	56065.35938	504628.8	5409487.3
L4630.0	504628.8	5409487.3	3766.50000	238.07	48.19	48.838343	-86.936920	56179.44	56273.7	-23.74	56155.70	56150.14844	56049.60189	56066.77734	504628.8	5409487.3
L4630.0	504628.7	5409488.7	3766.60010	240.56	46.65	48.838356	-86.936920	56182.08	56273.7	-23.74	56158.34	56152.80469	56050.94574	56068.08203	504628.7	5409488.7
L4630.0	504628.7	5409490.1	3766.69995	245.26	44.98	48.838368	-86.936920	56183.40	56273.7	-23.75	56159.66	56154.14844	56052.34390	56069.44141	504628.7	5409490.1
L4630.0	504628.7	5409490.1	3766.80005	245.18	44.3	48.838368	-86.936920	56184.23	56273.8	-23.75	56160.48	56154.99219	56053.74197	56070.80078	504628.7	5409490.1
L4630.0	504628.7	5409491.6	3766.89990	246.02	44.3	48.838382	-86.936921	56185.35	56273.8	-23.76	56161.59	56156.13281	56055.08761	56072.10938	504628.7	5409491.6
L4630.0	504628.7	5409493.3	3767.00000	245.13	42.14	48.838396	-86.936921	56187.33	56273.8	-23.76	56163.57	56158.14453	56056.34247	56073.33203	504628.7	5409493.3
L4630.0	504628.7	5409494.7	3767.10010	243.28	39.8	48.838409	-86.936921	56188.54	56273.8	-23.77	56164.77	56159.37500	56057.61689	56074.57031	504628.7	5409494.7
L4630.0	504628.7	5409494.7	3767.19995	245.88	45.93	48.838409	-86.936921	56189.84	56273.8	-23.77	56166.06	56160.70313	56058.85323	56075.77344	504628.7	5409494.7
L4630.0	504628.7	5409496.1	3767.30005	247.46	45.93	48.838422	-86.936921	56190.76	56273.8	-23.78	56166.98	56161.66406	56060.08253	56076.97266	504628.7	5409496.1
L4630.0	504628.7	5409498.2	3767.39990	249.73	43.01	48.838441	-86.936921	56191.93	56273.8	-23.79	56168.14	56162.86719	56061.26448	56078.12109	504628.7	5409498.2
L4630.0	504628.7	5409498.2	3767.50000	252.26	44.65	48.838441	-86.936921	56193.77	56273.8	-23.79	56169.97	56164.74219	56062.37082	56079.19922	504628.7	5409498.2
L4630.0	504628.7	5409499.6	3767.60010	252.90	44.65	48.838453	-86.936921	56193.44	56273.8	-23.80	56169.64	56164.45703	56063.59059	56080.38672	504628.7	5409499.6
L4630.0	504628.7	5409500.4	3767.69995	254.51	46.09	48.838460	-86.936921	56195.04	56273.8	-23.81	56171.23	56166.09766	56064.65221	56081.42188	504628.7	5409500.4
L4630.0	504628.7	5409502.0	3767.69995	254.51	46.09	48.838475	-86.936920	56196.27	56273.8	-23.81	56172.46	56167.38281	56065.70809	56082.44922	504628.7	5409502.0
L4630.0	504628.7	5409503.1	3767.80005	253.76	47.61	48.838485	-86.936920	56197.24	56273.8	-23.82	56173.42	56168.39844	56066.75262	56083.46875	504628.7	5409503.1
L4630.0	504628.7	5409504.5	3768.00000	248.83	38.54	48.838497	-86.936920	56198.41	56273.8	-23.83	56174.58	56169.61328	56067.75489	56084.44531	504628.7	5409504.5
L4630.0	504628.8	5409505.9	3768.10010	249.67	38.8	48.838510	-86.936920	56198.93	56273.8	-23.84	56175.08	56170.17578	56068.77265	56085.44141	504628.8	5409505.9
L4630.0	504628.8	5409505.9	3768.19995	250.12	40.33	48.838510	-86.936920	56199.44	56273.9	-23.85	56175.59	56170.74609	56069.76166	56086.40625	504628.8	5409505.9
L4630.0	504628.8	5409507.6	3768.30005	249.32	40.33	48.838525	-86.936919	56200.66	56273.9	-23.86	56176.80	56172.02344	56070.67634	56087.30078	504628.8	5409507.6
L4630.0	504628.8	5409508.9	3768.39990	249.28	43.62	48.838537	-86.936919	56201.27	56273.9	-23.87	56177.39	56172.67969	56071.60509	56088.20703	504628.8	5409508.9
L4630.0	504628.8	5409509.9	3768.50000	248.88	47.14	48.838546	-86.936919	56201.94	56273.9	-23.89	56178.05	56173.41016	56072.50236	56089.08594	504628.8	5409509.9
L4630.0	504628.8	5409511.5	3768.60010	247.13	47.14	48.838561	-86.936919	56202.40	56273.9	-23.90	56178.50	56173.92969	56073.38721	56089.95313	504628.8	5409511.5
L4630.0	504628.8	5409511.5	3768.69995	247.78	49.83	48.838561	-86.936919	56202.98	56273.9	-23.91	56179.07	56174.57422	56074.23807	56090.78906	504628.8	5409511.5
L4630.0	504628.8	5409513.1	3768.80005	248.23	48.41	48.838575	-86.936919	56202.98	56273.9	-23.92	56179.06	56174.64063	56075.10203	56091.63672	504628.8	5409513.1
L4630.0	504628.8	5409514.6	3768.89990	250.50	48.37	48.838588	-86.936919	56204.40	56273.9	-23.93	56180.47	56176.12500	56075.84615	56092.36719	504628.8	5409514.6
L4630.0	504628.8	5409516.0	3769.00000	252.47	48.37	48.838601	-86.936919	56203.79	56273.9	-23.94	56179.85	56175.58594	56076.70085	56093.20703	504628.8	5409516.0
L4630.0	504628.8	5409516.9	3769.10010	252.79	47.81	48.838609	-86.936919	56205.08	56273.9	-23.95	56181.13	56176.94531	56077.40454	56093.89844	504628.8	5409516.9
L4630.0	504628.8	5409518.3	3769.19995	253.12	49.61	48.838622	-86.936919	56206.09	56274	-23.95	56182.14	56178.03906	56078.10228	56094.58594	504628.8	5409518.3
L4630.0	504628.8	5409519.8	3769.19995	253.12	49.61	48.838635	-86.936919	56205.84	56274	-23.95	56181.89	56177.87500	56078.86048	56095.33594	504628.8	5409519.8
L4630.0	504628.8	5409521.1	3769.39990	248.61	47.92	48.838647	-86.936919	56205.84	56274	-23.96	56181.88	56177.94922	56079.57952	56096.04688	504628.8	5409521.1
L4630.0	504628.8	5409521.1	3769.50000	250.08	44.58	48.838647	-86.936919	56206.41	56274	-23.97	56182.44	56178.59766	56080.23781	56096.69922	504628.8	5409521.1
L4630.0	504628.8	5409522.5	3769.60010	251.48	44.58	48.838659	-86.936919	56207.77	56274	-23.98	56183.79	56180.03516	56080.82104	56097.27734	504628.8	5409522.5
L4630.0	504628.8	5409524.1	3769.69995	253.61	45.45	48.838674	-86.936919	56208.09	56274	-23.98	56184.10	56180.43750	56081.45162	56097.90234	504628.8	5409524.1
L4630.0	504628.8	5409525.5	3769.69995	253.61	45.35	48.838687	-86.936919	56207.93	56274	-23.98	56183.95	56180.37891	56082.09123	56098.53906	504628.8	5409525.5
L4630.0	504628.8	5409526.7	3769.80005	263.02	45.35	48.838697	-86.936919	56207.96	56274	-23.99	56183.97	56180.49219	56082.69826	56099.14453	504628.8	5409526.7
L4630.0	504628.8	5409526.7	3769.80005	263.02	31.22	48.838697	-86.936919	56208.00	56274	-23.99	56184.01	56180.62500	56083.28305	56099.73047	504628.8	5409526.7
L4630.0	504628.8	5409528.1	3770.00000	263.68	35.93	48.838710	-86.936919	56208.85	56274	-24.00	56184.85	56181.55859	56083.79399	56100.24219	504628.8	5409528.1
L4630.0	504628.8	5409529.2	3770.10010	262.92	35.93	48.838720	-86.936919	56209.47	56274	-24.01	56185.47	56182.27734	56084.29940	56100.75000	504628.8	5409529.2
L4630.0	504628.8	5409531.3	3770.19995	260.35	49.22	48.838739	-86.936919	56209.71	56274	-24.01	56185.70	56182.60156	56084.81098	56101.26563	504628.8	5409531.3
L4630.0	504628.8	5409532.5	3770.30005	259.40	49.22	48.838750	-86.936919	56209.98	56274	-24.02	56185.96	56182.96094	56085.30107	56101.76172	504628.8	5409532.5
L4630.0	504628.8	5409532.5	3770.50000	259.12	45.77	48.838750	-86.936919	56209.28	56274	-24.03	56185.25	56182.35156	56085.83666	56102.30469	504628.8	5409532.5
L4630.0	504628.8	5409533.7	3770.60010	258.88	45.03	48.838761	-86.936919	56209.84	56274	-24.04	56185.80	56183.00000	56086.26942	56102.74219	504628.8	5409533.7
L4630.0	504628.8	5409535.1	3770.69995	255.83	45.77	48.838773	-86.936919	56210.54	56274	-24.04	56186.50	56183.80078	56086.67368	56103.15625	504628.8	5409535.1
L4630.0	504628.7	5409536.5	3770.80005	255.73	45.77	48.838786	-86.936919	56209.66	56274	-24.05	56185.62	56183.02344	56087.16508	56103.66016	504628.7	5409536.5
L4630.0	504628.7	5409537.7	3770.89990	252.48	47.2	48.838797	-86.936920	56210.62	56274.1	-24.05	56186.57	56184.07422	56087.51661	56104.02344	504628.7	5409537.7
L4630.0	504628.7	5409537.7	3771.00000	253.93	46.26	48.838797	-86.936920	56210.64	56274.1	-24.06	56186.58	56184.18750	56087.91325	56104.42969	504628.7	5409537.7
L4630.0	504628.7	5409539.1	3771.10010	257.09	46.44	48.838809	-86.936920	56210.70	56274.1	-24.07	56186.63	56184.33984	56088.28995	56104.82422	504628.7	5409539.1
L4630.0	504628.7	5409541.4	3771.19995	255.53	46.44	48.838830	-86.936920	56210.48	56274.1	-24.08	56186.41	56184.22266	56088.66769	56105.21484	504628.7	5409541.4
L4630.0	504628.7	5409542.8	3771.30005	255.32	44.65	48.838842	-86.936920	56210.64	56274.1	-24.09	56186.55	56184.46875	56089.00475	56105.57031	504628.7	5409542.8
L4630.0	504628.7	5409543.7	3771.39990	253.83	45.85	48.838850	-86.936920	56211.13	56274.1	-24.10	56187.03	56185.05078	56089.30276	56105.88672	504628.7	5409543.7
L4630.0	504628.7	5409544.9	3771.50000	253.18	48.62	48.838861	-86.936920	56210.98	56274.1	-24.10	56186.88	56185.00781	56089.62667	56106.23047	504628.7	5409544.9
L4630.0	504628.7	5409544.9	3771.60010	251.37	48.51	48.838861	-86.936920	56211.56	56274.1	-24.11	56187.45	56185.67969	56089.88675	56106.51172	504628.7	5409544.9
L4630.0	504628.6	5409546.3	3771.69995	253.98	48.51	48.838873	-86.936921	56210.97	56274.1	-24.12	56186.85	56185.18750	56090.20927	56106.85547	504628.6	5409546.3
L4630.0	504628.6	5409547.3	3771.69995	253.98	49.13	48.838882	-86.936921	56210.56	56274.1	-24.12	56186.44	56184.88281	56090.50385	56107.17188	504628.6	5409547.3
L4630.0	504628.6	5409548.9	3771.80005	254.80	43.76	48.838897	-86.936921	56210.15	56274.1	-24.13	56186.02	56184.56641	56090.78406	56107.48047	504628.6	5409548.9
L4630.0	504628.6	5409550.5	3772.00000	255.53	43.76	48.838911	-86.936921	56210.97	56274.2	-24.15	56186.82	56185.47266	56090.96818	56107.68750	504628.6	5409550.5
L4630.0	504628.6	5409550.5	3772.10010	255.68	43.86	48.838911	-86.936921	56211.28	56274.2	-24.16	56187.12	56185.87891	56091.17112	56107.91797	504628.6	5409550.5
L4630.0	504628.6	5409551.9	3772.19995	255.09	43.86	48.838924	-86.936922	56211.50	56274.2	-24.16	56187.34	56186.20313	56091.36513	56108.14063	504628.6	5409551.9
L4630.0	504628.6	5409553.6	3772.30005	253.21	44.38	48.838939	-86.936922	56210.84	56274.2	-24.17	56186.68	56185.64844	56091.60379	56108.41016	504628.6	5409553.6
L4630.0	504628.6	5409554.7	3772.39990	254.49	48.61	48.838950	-86.936922	56210.41	56274.2	-24.17	56186.24	56185.31250	56091.81400	56108.65234	504628.6	5409554.7
L4630.0	504628.6	5409556.1	3772.50000	255.21	48.61	48.838962	-86.936922	56210.53	56274.2	-24.18	56186.35	56185.52734	56091.97401	56108.84375	504628.6	5409556.1
L4630.0	504628.6	5409556.1	3772.60010	257.22	48.64	48.838962	-86.936922	56211.20	56274.2	-24.19	56187.01	56186.29297	56092.08405	56108.98828	504628.6	5409556.1
L4630.0	504628.6	5409557.7	3772.69995	258.67	48.64	48.838976	-86.936922	56210.31	56274.2	-24.19	56186.12	56185.50781	56092.28434	56109.22266	504628.6	5409557.7
L4630.0	504628.6	5409559.4	3772.80005	259.90	40.02	48.838991	-86.936922	56210.02	56274.2	-24.20	56185.82	56185.31250	56092.43244	56109.41016	504628.6	5409559.4
L4630.0	504628.6	5409561.0	3772.89990	259.68	40.02	48.839006	-86.936922	56210.08	56274.2	-24.20	56185.88	56185.47656	56092.54390	56109.55859	504628.6	5409561.0
L4630.0	504628.6	5409561.0	3773.00000	259.41	35.69	48.839006	-86.936922	56210.18	56274.2	-24.21	56185.97	56185.66797	56092.64095	56109.69531	504628.6	5409561.0
L4630.0	504628.5	5409562.7	3773.10010	258.49	39.2	48.839021	-86.936922	56209.62	56274.2	-24.22	56185.40	56185.19922	56092.76978	56109.86328	504628.5	5409562.7
L4630.0	504628.6	5409564.3	3773.19995	257.62	39.2	48.839036	-86.936922	56208.91	56274.2	-24.22	56184.69	56184.59375	56092.89594	56110.03125	504628.6	5409564.3
L4630.0	504628.6	5409566.0	3773.30005	255.85	39.2	48.839050	-86.936922	56209.34	56274.2	-24.23	56185.11	56185.11719	56092.93498	56110.11328	504628.6	5409566.0
L4630.0	504628.6	5409567.1	3773.39990	256.15	44.44	48.839061	-86.936922	56208.77	56274.2	-24.24	56184.54	56184.64844	56093.02841	56110.25000	504628.6	5409567.1
L4630.0	504628.6	5409567.1	3773.50000	254.86	42.76	48.839061	-86.936922	56209.66	56274.2	-24.24	56185.42	56185.62891	56093.01377	56110.28125	504628.6	5409567.1
L4630.0	504628.6	5409568.3	3773.60010	254.43	42.76	48.839072	-86.936921	56209.11	56274.3	-24.25	56184.85	56185.16016	56093.08458	56110.39844	504628.6	5409568.3
L4630.0	504628.6	5409569.5	3773.69995	255.01	46.04	48.839082	-86.936921	56208.19	56274.3	-24.26	56183.93	56184.33984	56093.16770	56110.52734	504628.6	5409569.5
L4630.0	504628.6	5409570.9	3773.69995	255.01	42.3	48.839095	-86.936921	56208.29	56274.3	-24.26	56184.03	56184.53906	56093.17198	56110.58203	504628.6	5409570.9
L4630.0	504628.6	5409572.3	3773.80005	255.20	42.3	48.839108	-86.936922	56208.49	56274.3	-24.27	56184.23	56184.83594	56093.15892	56110.61719	504628.6	5409572.3
L4630.0	504628.6	5409572.3	3774.00000	252.40	42.3	48.839108	-86.936922	56208.04	56274.3	-24.28	56183.76	56184.46484	56093.18003	56110.69141	504628.6	5409572.3
L4630.0	504628.5	5409574.0	3774.10010	253.65	44.89	48.839123	-86.936922	56208.04	56274.3	-24.29	56183.75	56184.55469	56093.16016	56110.72266	504628.5	5409574.0
L4630.0	504628.5	5409575.4	3774.19995	252.86	46.45	48.839136	-86.936922	56207.77	56274.3	-24.30	56183.47	56184.37109	56093.14813	56110.76172	504628.5	5409575.4
L4630.0	504628.5	5409577.0	3774.30005	253.62	46.02	48.839150	-86.936922	56206.82	56274.3	-24.30	56182.52	56183.51563	56093.17077	56110.83984	504628.5	5409577.0
L4630.0	504628.5	5409577.0	3774.39990	254.57	46.02	48.839150	-86.936922	56206.88	56274.3	-24.31	56182.57	56183.66406	56093.11691	56110.84375	504628.5	5409577.0
L4630.0	504628.5	5409578.2	3774.50000	255.52	43.99	48.839160	-86.936922	56207.13	56274.3	-24.32	56182.81	56183.99609	56093.04070	56110.82422	504628.5	5409578.2
L4630.0	504628.5	5409579.3	3774.60010	255.24	43.62	48.839171	-86.936922	56206.70	56274.3	-24.33	56182.38	56183.66016	56092.99962	56110.83984	504628.5	5409579.3
L4630.0	504628.5	5409580.7	3774.69995	255.24	44.14	48.839183	-86.936922	56205.54	56274.3	-24.34	56181.20	56182.57422	56092.99915	56110.89844	504628.5	5409580.7
L4630.0	504628.5	5409582.1	3774.80005	257.10	44.14	48.839196	-86.936922	56205.64	56274.3	-24.34	56181.30	56182.76563	56092.90410	56110.86328	504628.5	5409582.1
L4630.0	504628.5	5409583.5	3774.89990	258.58	43.8	48.839209	-86.936923	56205.56	56274.4	-24.35	56181.21	56182.76953	56092.81259	56110.83203	504628.5	5409583.5
L4630.0	504628.5	5409583.5	3775.00000	256.70	43.37	48.839209	-86.936923	56205.29	56274.4	-24.36	56180.93	56182.58203	56092.72477	56110.80859	504628.5	5409583.5
L4630.0	504628.5	5409585.1	3775.10010	256.06	43.83	48.839223	-86.936923	56204.77	56274.4	-24.37	56180.41	56182.15234	56092.64409	56110.78906	504628.5	5409585.1
L4630.0	504628.4	5409586.5	3775.19995	257.30	43.83	48.839236	-86.936923	56205.43	56274.4	-24.37	56181.06	56182.89063	56092.47667	56110.68750	504628.4	5409586.5
L4630.0	504628.4	5409588.0	3775.30005	256.52	43.41	48.839249	-86.936923	56203.95	56274.4	-24.38	56179.57	56181.48828	56092.44329	56110.71875	504628.4	5409588.0
L4630.0	504628.4	5409589.4	3775.39990	258.25	43.72	48.839261	-86.936923	56202.73	56274.4	-24.38	56178.34	56180.34766	56092.38408	56110.72656	504628.4	5409589.4
L4630.0	504628.4	5409590.5	3775.50000	258.56	44.53	48.839271	-86.936923	56202.90	56274.4	-24.39	56178.51	56180.60547	56092.22313	56110.63281	504628.4	5409590.5
L4630.0	504628.4	5409591.8	3775.60010	258.42	44.53	48.839283	-86.936923	56203.39	56274.4	-24.40	56178.99	56181.17188	56092.03321	56110.51172	504628.4	5409591.8

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4630.0	504628.4	5409591.8	3775.69995	258.53	43.96	48.839283	-86.936923	56203.22	56274.4	-24.40	56178.82	56181.08984	56091.99709	56110.54297	504628.4	5409591.8
L4630.0	504628.5	5409593.4	3775.69995	258.53	43.96	48.839297	-86.936923	56203.01	56274.4	-24.40	56178.61	56180.96484	56091.88423	56110.50000	504628.5	5409593.4
L4630.0	504628.5	5409595.0	3775.80005	260.47	44.55	48.839312	-86.936923	56202.26	56274.4	-24.41	56177.85	56180.28906	56091.69529	56110.38281	504628.5	5409595.0
L4630.0	504628.5	5409596.3	3776.00000	248.95	46.8	48.839323	-86.936923	56201.89	56274.4	-24.42	56177.47	56179.99219	56091.42182	56110.18359	504628.5	5409596.3
L4630.0	504628.5	5409597.4	3776.10010	247.55	46.8	48.839333	-86.936922	56202.81	56274.4	-24.43	56178.38	56180.98438	56091.16315	56109.99609	504628.5	5409597.4
L4630.0	504628.5	5409597.4	3776.19995	258.62	46.71	48.839333	-86.936922	56201.37	56274.4	-24.43	56176.93	56179.61719	56091.05404	56109.96094	504628.5	5409597.4
L4630.0	504628.5	5409598.8	3776.30005	256.96	44.38	48.839346	-86.936922	56200.40	56274.4	-24.44	56175.96	56178.73047	56090.90525	56109.88672	504628.5	5409598.8
L4630.0	504628.5	5409600.7	3776.39990	258.87	39.4	48.839363	-86.936922	56200.21	56274.4	-24.45	56175.77	56178.62109	56090.69683	56109.75391	504628.5	5409600.7
L4630.0	504628.5	5409602.1	3776.50000	260.48	39.4	48.839376	-86.936922	56200.33	56274.5	-24.46	56175.87	56178.80078	56090.46154	56109.59766	504628.5	5409602.1
L4630.0	504628.5	5409603.3	3776.60010	259.47	43.06	48.839387	-86.936922	56201.19	56274.5	-24.46	56176.73	56179.73828	56090.16810	56109.37891	504628.5	5409603.3
L4630.0	504628.5	5409603.3	3776.69995	257.87	43.06	48.839387	-86.936922	56200.40	56274.5	-24.47	56175.93	56179.01953	56089.97792	56109.26953	504628.5	5409603.3
L4630.0	504628.5	5409604.9	3776.80005	256.67	43.96	48.839401	-86.936922	56199.28	56274.5	-24.48	56174.81	56177.97656	56089.80172	56109.17188	504628.5	5409604.9
L4630.0	504628.5	5409606.4	3776.89990	254.13	45.2	48.839414	-86.936922	56199.18	56274.5	-24.48	56174.70	56177.94531	56089.55090	56109.00000	504628.5	5409606.4
L4630.0	504628.5	5409607.3	3777.00000	252.74	44.55	48.839423	-86.936922	56199.04	56274.5	-24.49	56174.55	56177.87109	56089.29553	56108.82422	504628.5	5409607.3
L4630.0	504628.5	5409608.6	3777.10010	252.43	44.55	48.839434	-86.936922	56198.60	56274.5	-24.50	56174.10	56177.49609	56089.05300	56108.66406	504628.5	5409608.6
L4630.0	504628.5	5409609.7	3777.19995	251.45	44.88	48.839444	-86.936922	56198.71	56274.5	-24.50	56174.21	56177.68359	56088.76604	56108.46094	504628.5	5409609.7
L4630.0	504628.5	5409611.1	3777.30005	253.59	46.05	48.839457	-86.936921	56198.06	56274.5	-24.51	56173.55	56177.09766	56088.52337	56108.30078	504628.5	5409611.1
L4630.0	504628.5	5409611.1	3777.39990	245.35	43.16	48.839457	-86.936921	56197.89	56274.5	-24.51	56173.37	56176.99219	56088.24174	56108.10156	504628.5	5409611.1
L4630.0	504628.5	5409613.9	3777.50000	244.64	43.16	48.839482	-86.936921	56197.92	56274.5	-24.52	56173.40	56177.09766	56087.93920	56107.88281	504628.5	5409613.9
L4630.0	504628.5	5409613.9	3777.60010	253.81	44.75	48.839482	-86.936921	56197.12	56274.5	-24.53	56172.59	56176.35938	56087.68583	56107.71484	504628.5	5409613.9
L4630.0	504628.5	5409615.1	3777.69995	249.71	45.4	48.839493	-86.936921	56196.04	56274.5	-24.53	56171.51	56175.35156	56087.44368	56107.55859	504628.5	5409615.1
L4630.0	504628.6	5409616.6	3777.69995	249.71	45.4	48.839506	-86.936921	56195.65	56274.5	-24.53	56171.12	56175.03516	56087.14883	56107.35156	504628.6	5409616.6
L4630.0	504628.6	5409617.7	3777.80005	250.78	45.5	48.839516	-86.936921	56194.66	56274.5	-24.54	56170.12	56174.10547	56086.88803	56107.17578	504628.6	5409617.7
L4630.0	504628.6	5409619.4	3778.00000	256.46	42.28	48.839531	-86.936921	56194.20	56274.6	-24.55	56169.65	56173.70703	56086.58533	56106.96094	504628.6	5409619.4
L4630.0	504628.6	5409619.4	3778.10010	256.50	42.28	48.839531	-86.936921	56194.41	56274.6	-24.56	56169.85	56173.97656	56086.23150	56106.69531	504628.6	5409619.4
L4630.0	504628.6	5409621.3	3778.19995	253.42	45.74	48.839548	-86.936921	56195.20	56274.6	-24.56	56170.63	56174.82813	56085.83262	56106.38672	504628.6	5409621.3
L4630.0	504628.6	5409622.7	3778.30005	252.30	44.12	48.839561	-86.936920	56194.16	56274.6	-24.57	56169.58	56173.84766	56085.54943	56106.19141	504628.6	5409622.7
L4630.0	504628.6	5409623.4	3778.39990	253.78	44.83	48.839568	-86.936920	56193.92	56274.6	-24.58	56169.34	56173.67578	56085.20602	56105.93750	504628.6	5409623.4
L4630.0	504628.6	5409624.9	3778.50000	252.13	44.83	48.839580	-86.936920	56192.52	56274.6	-24.59	56167.93	56172.33203	56084.93450	56105.75781	504628.6	5409624.9
L4630.0	504628.6	5409626.4	3778.60010	255.05	45.67	48.839594	-86.936920	56191.76	56274.6	-24.59	56167.17	56171.64063	56084.61362	56105.52734	504628.6	5409626.4
L4630.0	504628.6	5409627.8	3778.69995	255.88	45.67	48.839607	-86.936920	56191.23	56274.6	-24.60	56166.63	56171.16797	56084.27215	56105.27734	504628.6	5409627.8
L4630.0	504628.6	5409627.8	3778.80005	254.52	46.72	48.839607	-86.936920	56190.81	56274.6	-24.61	56166.21	56170.81641	56083.91688	56105.01172	504628.6	5409627.8
L4630.0	504628.6	5409629.2	3778.89990	255.21	43.07	48.839620	-86.936920	56190.98	56274.6	-24.61	56166.37	56171.04297	56083.51723	56104.70313	504628.6	5409629.2
L4630.0	504628.6	5409630.4	3779.00000	255.08	43.07	48.839631	-86.936920	56190.07	56274.6	-24.62	56165.45	56170.18750	56083.18400	56104.46484	504628.6	5409630.4
L4630.0	504628.6	5409631.9	3779.10010	254.92	40.97	48.839644	-86.936920	56190.04	56274.6	-24.63	56165.41	56170.21094	56082.78663	56104.16016	504628.6	5409631.9
L4630.0	504628.6	5409633.3	3779.19995	253.94	44.25	48.839657	-86.936920	56188.16	56274.6	-24.63	56163.53	56168.39844	56082.50659	56103.97266	504628.6	5409633.3
L4630.0	504628.6	5409634.5	3779.30005	256.88	44.25	48.839667	-86.936920	56187.65	56274.6	-24.64	56163.01	56167.94141	56082.13066	56103.69141	504628.6	5409634.5
L4630.0	504628.6	5409634.5	3779.39990	257.30	45.78	48.839667	-86.936920	56187.36	56274.6	-24.64	56162.72	56167.71484	56081.73432	56103.38672	504628.6	5409634.5
L4630.0	504628.6	5409636.2	3779.50000	256.97	41.39	48.839682	-86.936920	56187.12	56274.6	-24.65	56162.47	56167.53125	56081.33035	56103.07813	504628.6	5409636.2
L4630.0	504628.6	5409637.9	3779.60010	258.08	41.39	48.839697	-86.936920	56186.34	56274.7	-24.65	56161.69	56166.81250	56081.09817	56102.93750	504628.6	5409637.9
L4630.0	504628.6	5409637.9	3779.69995	258.65	40.33	48.839697	-86.936920	56184.57	56274.7	-24.65	56159.92	56165.10547	56081.18648	56103.12109	504628.6	5409637.9
L4630.0	504628.6	5409639.3	3779.69995	258.65	40.34	48.839710	-86.936920	56184.28	56274.7	-24.65	56159.63	56164.87891	56081.11169	56103.14063	504628.6	5409639.3
L4630.0	504628.6	5409641.5	3779.80005	259.61	40.34	48.839730	-86.936920	56183.86	56274.7	-24.66	56159.20	56164.51172	56080.97226	56103.09766	504628.6	5409641.5
L4630.0	504628.6	5409641.5	3780.00000	258.50	40.57	48.839730	-86.936920	56183.23	56274.7	-24.67	56158.56	56163.93359	56080.76581	56102.98438	504628.6	5409641.5
L4630.0	504628.6	5409642.9	3780.10010	258.68	40.87	48.839743	-86.936920	56182.44	56274.7	-24.68	56157.76	56163.19141	56080.48709	56102.80078	504628.6	5409642.9
L4630.0	504628.6	5409645.1	3780.19995	260.70	40.87	48.839762	-86.936920	56181.35	56274.7	-24.68	56156.66	56162.15234	56080.14316	56102.55469	504628.6	5409645.1
L4630.0	504628.6	5409645.1	3780.30005	260.68	41.37	48.839762	-86.936920	56179.90	56274.7	-24.69	56155.21	56160.76563	56079.74072	56102.24609	504628.6	5409645.1
L4630.0	504628.6	5409646.5	3780.39990	261.61	43.66	48.839775	-86.936920	56179.13	56274.7	-24.70	56154.43	56160.04297	56079.23733	56101.83594	504628.6	5409646.5
L4630.0	504628.6	5409647.9	3780.50000	260.49	43.66	48.839788	-86.936920	56179.84	56274.7	-24.71	56155.13	56160.80469	56078.59375	56101.28906	504628.6	5409647.9
L4630.0	504628.6	5409649.4	3780.60010	257.64	42	48.839801	-86.936920	56178.48	56274.7	-24.71	56153.77	56159.50391	56077.98972	56100.78125	504628.6	5409649.4
L4630.0	504628.6	5409650.5	3780.69995	256.68	43.61	48.839811	-86.936920	56176.43	56274.7	-24.72	56151.71	56157.50391	56077.37416	56100.25781	504628.6	5409650.5
L4630.0	504628.6	5409651.9	3780.80005	258.10	43.61	48.839824	-86.936920	56176.16	56274.7	-24.73	56151.44	56157.28906	56076.61239	56099.59375	504628.6	5409651.9
L4630.0	504628.6	5409653.2	3780.89990	257.16	40.82	48.839835	-86.936920	56175.72	56274.7	-24.73	56150.99	56156.89844	56075.81906	56098.89453	504628.6	5409653.2
L4630.0	504628.6	5409653.2	3781.00000	255.61	41.48	48.839835	-86.936920	56174.94	56274.7	-24.74	56150.20	56156.16797	56075.34145	56098.51172	504628.6	5409653.2
L4630.0	504628.6	5409655.6	3781.10010	255.22	41.48	48.839857	-86.936920	56174.45	56274.7	-24.75	56149.70	56155.72266	56074.89422	56098.16016	504628.6	5409655.6
L4630.0	504628.6	5409655.6	3781.19995	254.94	42.66	48.839857	-86.936920	56174.35	56274.8	-24.75	56149.60	56155.67969	56074.41772	56097.77734	504628.6	5409655.6
L4630.0	504628.7	5409657.2	3781.30005	253.00	42.1	48.839871	-86.936919	56172.94	56274.8	-24.76	56148.18	56154.31641	56074.02672	56097.48047	504628.7	5409657.2
L4630.0	504628.7	5409658.8	3781.39990	251.28	42.1	48.839886	-86.936919	56172.57	56274.8	-24.76	56147.80	56153.99219	56073.56399	56097.11328	504628.7	5409658.8
L4630.0	504628.7	5409660.3	3781.50000	253.27	44.06	48.839899	-86.936919	56171.55	56274.8	-24.77	56146.78	56153.02734	56073.14163	56096.78516	504628.7	5409660.3
L4630.0	504628.7	5409660.3	3781.60010	255.22	42.39	48.839899	-86.936919	56171.16	56274.8	-24.78	56146.38	56152.68359	56072.67573	56096.41016	504628.7	5409660.3
L4630.0	504628.7	5409663.1	3781.69995	255.73	42.39	48.839925	-86.936919	56170.09	56274.8	-24.78	56145.31	56151.66797	56072.25238	56096.08203	504628.7	5409663.1
L4630.0	504628.7	5409663.1	3781.69995	255.73	43.19	48.839925	-86.936919	56170.06	56274.8	-24.78	56145.27	56151.68359	56071.75831	56095.67969	504628.7	5409663.1
L4630.0	504628.7	5409664.6	3781.80005	256.82	43.19	48.839938	-86.936919	56168.91	56274.8	-24.79	56144.12	56150.58594	56071.33627	56095.35156	504628.7	5409664.6
L4630.0	504628.7	5409664.6	3782.00000	254.28	44.81	48.839938	-86.936919	56168.92	56274.8	-24.80	56144.12	56150.64063	56070.83564	56094.94141	504628.7	5409664.6
L4630.0	504628.7	5409666.2	3782.10010	254.51	44.89	48.839952	-86.936919	56167.32	56274.8	-24.81	56142.51	56149.08203	56070.44048	56094.63672	504628.7	5409666.2
L4630.0	504628.7	5409667.9	3782.19995	254.63	44.89	48.839967	-86.936919	56166.89	56274.8	-24.81	56142.08	56148.70703	56069.96483	56094.25391	504628.7	5409667.9
L4630.0	504628.7	5409669.1	3782.30005	255.64	43.94	48.839978	-86.936918	56166.09	56274.8	-24.82	56141.27	56147.94922	56069.51274	56093.89063	504628.7	5409669.1
L4630.0	504628.7	5409670.5	3782.39990	256.64	43.94	48.839991	-86.936918	56165.29	56274.8	-24.82	56140.47	56147.19922	56069.05822	56093.52734	504628.7	5409670.5
L4630.0	504628.7	5409671.9	3782.50000	256.29	43.67	48.840004	-86.936918	56165.56	56274.8	-24.82	56140.73	56147.51172	56068.53130	56093.08984	504628.7	5409671.9
L4630.0	504628.7	5409673.3	3782.60010	255.51	43.67	48.840016	-86.936918	56165.49	56274.8	-24.83	56140.66	56147.49219	56068.02467	56092.67188	504628.7	5409673.3
L4630.0	504628.7	5409673.3	3782.69995	255.74	38.98	48.840016	-86.936918	56165.01	56274.8	-24.83	56140.18	56147.05859	56067.54366	56092.27734	504628.7	5409673.3
L4630.0	504628.7	5409674.8	3782.80005	255.16	38.98	48.840029	-86.936918	56164.48	56274.8	-24.84	56139.64	56146.57031	56067.06494	56091.88672	504628.7	5409674.8
L4630.0	504628.8	5409676.4	3782.89990	255.46	41.26	48.840044	-86.936918	56162.79	56274.8	-24.85	56137.94	56144.91797	56066.66184	56091.57031	504628.8	5409676.4
L4630.0	504628.8	5409676.4	3783.00000	256.68	40.57	48.840044	-86.936918	56162.77	56274.8	-24.85	56137.92	56144.94922	56066.14501	56091.14063	504628.8	5409676.4
L4630.0	504628.8	5409677.8	3783.10010	257.85	40.57	48.840056	-86.936917	56162.54	56274.9	-24.86	56137.68	56144.75391	56065.64111	56090.72266	504628.8	5409677.8
L4630.0	504628.8	5409679.7	3783.19995	254.58	39.06	48.840073	-86.936917	56162.61	56274.9	-24.86	56137.75	56144.87109	56065.11477	56090.28125	504628.8	5409679.7
L4630.0	504628.8	5409679.7	3783.30005	260.57	39.06	48.840073	-86.936917	56161.62	56274.9	-24.87	56136.75	56143.91797	56064.65797	56089.90625	504628.8	5409679.7
L4630.0	504628.8	5409681.3	3783.39990	259.19	39.06	48.840088	-86.936916	56161.35	56274.9	-24.87	56136.48	56143.69531	56064.15067	56089.48438	504628.8	5409681.3
L4630.0	504628.9	5409682.7	3783.50000	257.92	39.59	48.840101	-86.936916	56160.72	56274.9	-24.88	56135.84	56143.10156	56063.66619	56089.08203	504628.9	5409682.7
L4630.0	504628.9	5409684.1	3783.60010	256.53	39.43	48.840114	-86.936916	56160.35	56274.9	-24.89	56135.47	56142.77734	56063.16180	56088.65625	504628.9	5409684.1
L4630.0	504628.9	5409686.0	3783.69995	255.71	39.43	48.840130	-86.936915	56160.23	56274.9	-24.89	56135.34	56142.69141	56062.63948	56088.21484	504628.9	5409686.0
L4630.0	504628.9	5409686.0	3783.69995	255.71	39.61	48.840130	-86.936915	56159.25	56274.9	-24.89	56134.36	56141.75391	56062.17184	56087.82813	504628.9	5409686.0
L4630.0	504629.0	5409687.9	3783.80005	255.41	39.61	48.840147	-86.936915	56159.86	56274.9	-24.90	56134.96	56142.39453	56061.59685	56087.33203	504629.0	5409687.9
L4630.0	504629.0	5409689.1	3784.00000	254.22	39.29	48.840158	-86.936914	56159.45	56274.9	-24.91	56134.53	56142.00781	56061.08846	56086.89844	504629.0	5409689.1
L4630.0	504629.0	5409690.5	3784.10010	254.98	39.29	48.840171	-86.936914	56158.14	56274.9	-24.92	56133.22	56140.73828	56060.63662	56086.52344	504629.0	5409690.5
L4630.0	504629.0	5409690.5	3784.19995	253.88	42.81	48.840171	-86.936914	56158.36	56274.9	-24.92	56133.43	56140.98828	56060.08131	56086.04688	504629.0	5409690.5
L4630.0	504629.1	5409692.1	3784.30005	251.25	39.6	48.840185	-86.936914	56157.22	56274.9	-24.93	56132.29	56139.89063	56059.61380	56085.65234	504629.1	5409692.1
L4630.0	504629.1	5409693.6	3784.39990	251.19	39.6	48.840198	-86.936913	56156.92	56274.9	-24.93	56131.98	56139.61719	56059.08873	56085.19922	504629.1	5409693.6
L4630.0	504629.1	5409693.6	3784.50000	250.26	40.64	48.840198	-86.936913	56155.76	56274.9	-24.94	56130.82	56138.49609	56058.61806	56084.80078	504629.1	5409693.6
L4630.0	504629.1	5409695.5	3784.60010	252.20	40.79	48.840215	-86.936913	56155.63	56274.9	-24.95	56130.68	56138.39453	56058.07710	56084.33203	504629.1	5409695.5
L4630.0	504629.1	5409696.9	3784.69995	252.99	40.79	48.840228	-86.936912	56155.00	56275	-24.95	56130.04	56137.78906	56057.56714	56083.89063	504629.1	5409696.9
L4630.0	504629.1	5409698.5	3784.80005	252.09	39.15	48.840243	-86.936912	56154.32	56275	-24.96	56129.36	56137.14453	56057.05750	56083.44922	504629.1	5409698.5
L4630.0	504629.1	5409698.5	3784.89990	249.82	39.15	48.840243	-86.936912	56155.31	56275	-24.96	56130.34	56138.16016	56056.43482	56082.89453	504629.1	5409698.5

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4630.0	504629.2	5409700.0	3785.00000	251.74	39.12	48.840256	-86.936912	56153.93	56275	-24.97	56128.96	56136.81250	56055.96710	56082.49219	504629.2	5409700.0
L4630.0	504629.2	5409701.2	3785.10010	253.76	36.55	48.840267	-86.936912	56153.63	56275	-24.98	56128.65	56136.53906	56055.42565	56082.01563	504629.2	5409701.2
L4630.0	504629.2	5409702.6	3785.19995	254.84	32.45	48.840280	-86.936912	56152.98	56275	-24.98	56127.99	56135.91016	56054.90514	56081.55859	504629.2	5409702.6
L4630.0	504629.2	5409702.6	3785.30005	255.19	32.45	48.840280	-86.936912	56152.26	56275	-24.99	56127.27	56135.21875	56054.38624	56081.10156	504629.2	5409702.6
L4630.0	504629.2	5409704.2	3785.39990	257.65	36.89	48.840294	-86.936912	56152.20	56275	-25.00	56127.20	56135.17969	56053.82163	56080.59766	504629.2	5409704.2
L4630.0	504629.2	5409705.4	3785.50000	254.81	39.77	48.840305	-86.936912	56150.85	56275	-25.01	56125.84	56133.84766	56053.34066	56080.17578	504629.2	5409705.4
L4630.0	504629.2	5409706.6	3785.60010	254.61	39.77	48.840316	-86.936912	56151.14	56275	-25.01	56126.13	56134.16797	56052.74737	56079.64063	504629.2	5409706.6
L4630.0	504629.2	5409708.2	3785.69995	254.86	39.38	48.840330	-86.936911	56149.61	56275	-25.02	56124.59	56132.65234	56052.27377	56079.22266	504629.2	5409708.2
L4630.0	504629.2	5409709.2	3785.69995	254.86	38.14	48.840339	-86.936911	56149.46	56275	-25.02	56124.44	56132.52734	56051.70526	56078.71094	504629.2	5409709.2
L4630.0	504629.2	5409710.9	3785.80005	253.92	38.14	48.840354	-86.936911	56147.91	56275	-25.03	56122.89	56131.00391	56051.22788	56078.28516	504629.2	5409710.9
L4630.0	504629.2	5409710.9	3786.00000	254.86	39.66	48.840354	-86.936911	56147.26	56275	-25.04	56122.22	56130.35547	56050.68970	56077.80078	504629.2	5409710.9
L4630.0	504629.2	5409712.5	3786.10010	255.41	39.66	48.840368	-86.936911	56146.74	56275	-25.05	56121.69	56129.84766	56050.14010	56077.30078	504629.2	5409712.5
L4630.0	504629.2	5409714.0	3786.19995	254.38	41.5	48.840383	-86.936911	56145.87	56275.1	-25.06	56120.81	56128.98828	56049.61185	56076.82422	504629.2	5409714.0
L4630.0	504629.2	5409715.5	3786.30005	253.87	42.43	48.840396	-86.936911	56145.16	56275.1	-25.06	56120.09	56128.28906	56049.07103	56076.32813	504629.2	5409715.5
L4630.0	504629.2	5409715.5	3786.39990	255.01	41.86	48.840396	-86.936911	56144.53	56275.1	-25.07	56119.46	56127.67969	56048.52239	56075.82813	504629.2	5409715.5
L4630.0	504629.2	5409716.9	3786.50000	257.64	43.19	48.840408	-86.936911	56144.47	56275.1	-25.08	56119.39	56127.62500	56047.93472	56075.28125	504629.2	5409716.9
L4630.0	504629.2	5409718.3	3786.60010	257.28	43.19	48.840421	-86.936911	56143.52	56275.1	-25.09	56118.43	56126.67969	56047.40478	56074.79688	504629.2	5409718.3
L4630.0	504629.2	5409720.0	3786.69995	258.35	40.9	48.840436	-86.936911	56141.92	56275.1	-25.10	56116.82	56125.08594	56046.91672	56074.34766	504629.2	5409720.0
L4630.0	504629.2	5409720.9	3786.80005	258.37	40.9	48.840444	-86.936911	56141.60	56275.1	-25.10	56116.49	56124.76953	56046.34199	56073.81250	504629.2	5409720.9
L4630.0	504629.2	5409722.3	3786.89990	258.76	40.18	48.840457	-86.936911	56140.33	56275.1	-25.11	56115.22	56123.51172	56045.82874	56073.33984	504629.2	5409722.3
L4630.0	504629.2	5409722.3	3787.00000	256.31	40.64	48.840457	-86.936911	56139.56	56275.1	-25.12	56114.44	56122.74219	56045.28178	56072.82813	504629.2	5409722.3
L4630.0	504629.2	5409723.5	3787.10010	255.99	36.09	48.840468	-86.936911	56138.70	56275.1	-25.13	56113.58	56121.89063	56044.73929	56072.32031	504629.2	5409723.5
L4630.0	504629.2	5409725.1	3787.19995	254.09	36.09	48.840482	-86.936911	56138.74	56275.1	-25.13	56113.60	56121.91797	56044.13743	56071.75000	504629.2	5409725.1
L4630.0	504629.2	5409727.0	3787.30005	251.98	35.89	48.840499	-86.936911	56137.16	56275.1	-25.14	56112.02	56120.34766	56043.64172	56071.28516	504629.2	5409727.0
L4630.0	504629.2	5409727.0	3787.39990	252.70	38.37	48.840499	-86.936911	56136.36	56275.1	-25.15	56111.21	56119.53906	56043.09436	56070.76953	504629.2	5409727.0
L4630.0	504629.2	5409728.2	3787.50000	253.18	38.37	48.840510	-86.936911	56136.23	56275.2	-25.15	56111.08	56119.41406	56042.50154	56070.20313	504629.2	5409728.2
L4630.0	504629.2	5409729.3	3787.60010	253.45	39.08	48.840520	-86.936911	56134.81	56275.2	-25.16	56109.64	56117.97656	56041.99615	56069.72656	504629.2	5409729.3
L4630.0	504629.2	5409730.7	3787.69995	253.00	38.93	48.840533	-86.936911	56133.63	56275.2	-25.17	56108.46	56116.79688	56041.47374	56069.22656	504629.2	5409730.7
L4630.0	504629.2	5409732.2	3787.69995	253.00	35.75	48.840546	-86.936911	56132.56	56275.2	-25.17	56107.39	56115.72656	56040.94456	56068.72266	504629.2	5409732.2
L4630.0	504629.2	5409733.1	3787.80005	255.32	37.54	48.840554	-86.936911	56131.63	56275.2	-25.18	56106.45	56114.78516	56040.40749	56068.20703	504629.2	5409733.1
L4630.0	504629.1	5409734.8	3788.00000	260.04	37.54	48.840569	-86.936912	56130.52	56275.2	-25.19	56105.33	56113.66016	56039.88348	56067.70313	504629.1	5409734.8
L4630.0	504629.1	5409736.0	3788.10010	260.64	34.31	48.840580	-86.936912	56129.67	56275.2	-25.20	56104.47	56112.79688	56039.34346	56067.17969	504629.1	5409736.0
L4630.0	504629.1	5409737.4	3788.19995	261.42	34.31	48.840593	-86.936912	56129.56	56275.2	-25.20	56104.35	56112.66797	56038.75569	56066.60547	504629.1	5409737.4
L4630.0	504629.1	5409737.4	3788.30005	259.60	32.63	48.840593	-86.936912	56128.54	56275.2	-25.21	56103.33	56111.64063	56038.22979	56066.09766	504629.1	5409737.4
L4630.0	504629.1	5409739.3	3788.39990	260.03	32.92	48.840609	-86.936912	56127.29	56275.2	-25.22	56102.07	56110.37109	56037.72207	56065.60156	504629.1	5409739.3
L4630.0	504629.1	5409740.7	3788.50000	259.76	32.92	48.840622	-86.936913	56125.58	56275.2	-25.23	56100.35	56108.63672	56037.24750	56065.13672	504629.1	5409740.7
L4630.0	504629.1	5409740.7	3788.60010	259.55	41.14	48.840622	-86.936913	56124.06	56275.2	-25.23	56098.83	56107.10547	56036.76239	56064.66016	504629.1	5409740.7
L4630.0	504629.0	5409742.6	3788.69995	258.57	48.01	48.840640	-86.936913	56124.04	56275.2	-25.24	56098.80	56107.05859	56036.18108	56064.08594	504629.0	5409742.6
L4630.0	504629.0	5409744.1	3788.80005	259.25	48.01	48.840653	-86.936913	56122.72	56275.2	-25.25	56097.47	56105.71484	56035.68989	56063.60156	504629.0	5409744.1
L4630.0	504629.0	5409745.7	3788.89990	259.00	48.01	48.840667	-86.936914	56121.86	56275.3	-25.25	56096.61	56104.83594	56035.17118	56063.08984	504629.0	5409745.7
L4630.0	504629.0	5409745.7	3789.00000	259.52	41.79	48.840667	-86.936914	56120.80	56275.3	-25.26	56095.54	56103.74609	56034.67064	56062.58984	504629.0	5409745.7
L4630.0	504629.0	5409747.4	3789.10010	257.74	37.47	48.840682	-86.936914	56119.86	56275.3	-25.27	56094.60	56102.78516	56034.16597	56062.08594	504629.0	5409747.4
L4630.0	504629.0	5409748.8	3789.19995	257.42	37.47	48.840695	-86.936914	56119.15	56275.3	-25.27	56093.88	56102.04297	56033.65155	56061.57031	504629.0	5409748.8
L4630.0	504629.0	5409750.5	3789.30005	255.91	41.75	48.840710	-86.936914	56118.12	56275.3	-25.28	56092.84	56100.97656	56033.16376	56061.08203	504629.0	5409750.5
L4630.0	504629.0	5409750.5	3789.39990	255.08	44.59	48.840710	-86.936914	56117.03	56275.3	-25.29	56091.74	56099.85156	56032.68567	56060.60156	504629.0	5409750.5
L4630.0	504628.9	5409752.1	3789.50000	252.95	44.59	48.840725	-86.936914	56115.21	56275.3	-25.29	56089.92	56098.00391	56032.26168	56060.17188	504628.9	5409752.1
L4630.0	504628.9	5409753.5	3789.60010	252.78	36.83	48.840738	-86.936914	56113.71	56275.3	-25.30	56088.41	56096.46484	56031.82354	56059.72656	504628.9	5409753.5
L4630.0	504628.9	5409753.5	3789.69995	254.77	41.09	48.840738	-86.936914	56113.08	56275.3	-25.31	56087.77	56095.79297	56031.33433	56059.22656	504628.9	5409753.5
L4630.0	504628.9	5409755.2	3789.69995	254.77	41.09	48.840753	-86.936915	56112.10	56275.3	-25.31	56086.79	56094.78125	56030.87515	56058.75781	504628.9	5409755.2
L4630.0	504628.9	5409756.8	3789.80005	252.68	43.8	48.840767	-86.936915	56111.21	56275.3	-25.32	56085.90	56093.85547	56030.41776	56058.28906	504628.9	5409756.8
L4630.0	504628.9	5409758.5	3790.00000	253.47	43.8	48.840782	-86.936915	56110.42	56275.3	-25.33	56085.09	56093.01172	56029.96328	56057.82422	504628.9	5409758.5
L4630.0	504628.9	5409758.5	3790.10010	254.73	37.32	48.840782	-86.936915	56108.91	56275.3	-25.34	56083.57	56091.45313	56029.56482	56057.41016	504628.9	5409758.5
L4630.0	504628.9	5409759.9	3790.19995	253.76	37.32	48.840795	-86.936915	56108.10	56275.3	-25.34	56082.75	56090.59375	56029.12883	56056.95703	504628.9	5409759.9
L4630.0	504628.9	5409761.8	3790.30005	254.59	41.31	48.840812	-86.936915	56107.12	56275.4	-25.35	56081.77	56089.57031	56028.71310	56056.52734	504628.9	5409761.8
L4630.0	504628.9	5409763.2	3790.39990	253.76	39.64	48.840825	-86.936915	56106.11	56275.4	-25.36	56080.75	56088.50781	56028.31008	56056.10547	504628.9	5409763.2
L4630.0	504628.9	5409763.2	3790.50000	253.31	39.64	48.840825	-86.936915	56104.43	56275.4	-25.37	56079.06	56086.77734	56027.96225	56055.73828	504628.9	5409763.2
L4630.0	504628.9	5409764.7	3790.60010	254.00	39.64	48.840838	-86.936915	56102.41	56275.4	-25.37	56077.03	56084.69922	56027.64807	56055.40234	504628.9	5409764.7
L4630.0	504628.8	5409766.3	3790.69995	254.75	41.35	48.840853	-86.936915	56101.84	56275.4	-25.38	56076.46	56084.08203	56027.24799	56054.98047	504628.8	5409766.3
L4630.0	504628.8	5409767.8	3790.80005	254.96	41.35	48.840866	-86.936915	56101.52	56275.4	-25.39	56076.13	56083.70313	56026.84382	56054.55469	504628.8	5409767.8
L4630.0	504628.8	5409767.8	3790.89990	255.43	44.53	48.840866	-86.936915	56100.62	56275.4	-25.39	56075.22	56082.74219	56026.49069	56054.17578	504628.8	5409767.8
L4630.0	504628.8	5409769.2	3791.00000	256.87	44.53	48.840879	-86.936916	56099.45	56275.4	-25.40	56074.04	56081.51172	56026.16838	56053.82813	504628.8	5409769.2
L4630.0	504628.8	5409770.6	3791.10010	258.08	39.3	48.840892	-86.936916	56098.36	56275.4	-25.41	56072.95	56080.36719	56025.85336	56053.48828	504628.8	5409770.6
L4630.0	504628.8	5409770.6	3791.19995	259.12	37.93	48.840892	-86.936916	56097.58	56275.4	-25.42	56072.16	56079.52344	56025.53207	56053.13672	504628.8	5409770.6
L4630.0	504628.8	5409772.5	3791.30005	256.65	45.16	48.840909	-86.936916	56096.56	56275.4	-25.43	56071.13	56078.43750	56025.24097	56052.82031	504628.8	5409772.5
L4630.0	504628.8	5409774.4	3791.39990	255.93	45.16	48.840925	-86.936916	56095.50	56275.4	-25.44	56070.05	56077.29688	56024.96781	56052.51563	504628.8	5409774.4
L4630.0	504628.8	5409776.1	3791.50000	253.80	45.16	48.840940	-86.936916	56094.72	56275.5	-25.46	56069.26	56076.44922	56024.69037	56052.20703	504628.8	5409776.1
L4630.0	504628.8	5409776.1	3791.60010	254.61	44.2	48.840940	-86.936916	56094.57	56275.5	-25.47	56069.10	56076.23047	56024.38639	56051.87500	504628.8	5409776.1
L4630.0	504628.8	5409777.3	3791.69995	253.13	42	48.840951	-86.936916	56092.57	56275.5	-25.48	56067.10	56074.16797	56024.22094	56051.67578	504628.8	5409777.3
L4630.0	504628.8	5409779.0	3791.69995	253.13	42	48.840967	-86.936916	56092.34	56275.5	-25.48	56066.87	56073.87109	56023.95376	56051.37891	504628.8	5409779.0
L4630.0	504628.8	5409779.0	3791.80005	254.48	41.34	48.840967	-86.936916	56091.13	56275.5	-25.49	56065.64	56072.57813	56023.76989	56051.16016	504628.8	5409779.0
L4630.0	504628.8	5409780.8	3792.00000	255.20	41.34	48.840983	-86.936916	56090.34	56275.5	-25.51	56064.83	56071.70313	56023.57501	56050.93359	504628.8	5409780.8
L4630.0	504628.8	5409782.2	3792.10010	255.71	43.61	48.840996	-86.936916	56090.46	56275.5	-25.52	56064.95	56071.75391	56023.33549	56050.66016	504628.8	5409782.2
L4630.0	504628.8	5409783.7	3792.19995	254.93	43.61	48.841009	-86.936916	56089.84	56275.5	-25.53	56064.31	56071.04297	56023.16430	56050.45313	504628.8	5409783.7
L4630.0	504628.8	5409783.7	3792.30005	254.35	40.9	48.841009	-86.936916	56089.18	56275.5	-25.53	56063.65	56070.31250	56023.01244	56050.26953	504628.8	5409783.7
L4630.0	504628.8	5409785.3	3792.39990	253.81	43.65	48.841024	-86.936916	56088.95	56275.5	-25.54	56063.41	56070.00391	56022.85083	56050.07422	504628.8	5409785.3
L4630.0	504628.7	5409787.0	3792.50000	256.93	43.65	48.841039	-86.936917	56088.24	56275.6	-25.55	56062.69	56069.21094	56022.73976	56049.92578	504628.7	5409787.0
L4630.0	504628.7	5409788.4	3792.60010	260.37	42.37	48.841052	-86.936917	56088.32	56275.6	-25.56	56062.76	56069.20703	56022.59478	56049.74609	504628.7	5409788.4
L4630.0	504628.7	5409788.4	3792.69995	259.33	42.37	48.841052	-86.936917	56088.14	56275.6	-25.57	56062.58	56068.95313	56022.48545	56049.60547	504628.7	5409788.4
L4630.0	504628.7	5409790.6	3792.80005	257.59	42.57	48.841071	-86.936917	56087.06	56275.6	-25.57	56061.49	56067.78516	56022.45595	56049.53906	504628.7	5409790.6
L4630.0	504628.7	5409792.0	3792.89990	255.77	33.22	48.841084	-86.936917	56087.18	56275.6	-25.58	56061.60	56067.82031	56022.36577	56049.41406	504628.7	5409792.0
L4630.0	504628.7	5409792.0	3793.00000	253.50	33.22	48.841084	-86.936917	56087.66	56275.6	-25.59	56062.07	56068.21094	56022.27104	56049.28516	504628.7	5409792.0
L4630.0	504628.7	5409795.3	3793.10010	253.67	33.22	48.841113	-86.936917	56088.27	56275.6	-25.60	56062.68	56068.74219	56022.18653	56049.16797	504628.7	5409795.3
L4630.0	504628.7	5409795.3	3793.19995	253.20	43.62	48.841113	-86.936917	56088.50	56275.6	-25.61	56062.89	56068.87109	56022.14831	56049.09766	504628.7	5409795.3
L4630.0	504628.7	5409796.5	3793.30005	249.99	43.62	48.841124	-86.936917	56087.74	56275.6	-25.61	56062.12	56068.01953	56022.19508	56049.10938	504628.7	5409796.5
L4630.0	504628.7	5409797.7	3793.39990	249.49	44.85	48.841135	-86.936916	56089.06	56275.6	-25.62	56063.43	56069.25000	56022.12284	56049.00781	504628.7	5409797.7
L4630.0	504628.7	5409799.1	3793.50000	248.00	44.85	48.841148	-86.936916	56088.34	56275.6	-25.63	56062.71	56068.44531	56022.20556	56049.05859	504628.7	5409799.1
L4630.0	504628.7	5409800.5	3793.60010	246.82	42.82	48.841161	-86.936916	56088.63	56275.6	-25.64	56062.99	56068.64453	56022.24119	56049.06250	504628.7	5409800.5
L4630.0	504628.7	5409800.5	3793.69995	248.60	42.82	48.841161	-86.936916	56090.26	56275.6	-25.65	56064.62	56070.18750	56022.20628	56049.00000	504628.7	5409800.5
L4630.0	504628.7	5409802.2	3793.69995	248.60	45.14	48.841176	-86.936916	56090.67	56275.6	-25.65	56065.03	56070.51563	56022.27205	56049.03906	504628.7	5409802.2
L4630.0	504628.7	5409803.4	3793.80005	250.92	46.77	48.841186	-86.936916	56090.78	56275.7	-25.65	56065.12	56070.51953	56022.37831	56049.11719	504628.7	5409803.4
L4630.0	504628.7	5409805.1	3794.00000	252.69	46.77	48.841201	-86.936916	56092.39	56275.7	-25.67	56066.72	56072.03125	56022.40287	56049.11719	504628.7	5409805.1
L4630.0	504628.7	5409805.1	3794.10010	254.84	46.58	48.841201	-86.936916	56093.59	56275.7	-25.68	56067.91	56073.13672	56022.47349	56049.16406	504628.7	5409805.1
L4630.0	504628.7	5409806.5	3794.19995	254.67	46.58	48.841214	-86.936916	56094.32	56275.7	-25.69	56068.63	56073.76953	56022.59389	56049.26172	504628.7	5409806.5

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4630.0	504628.7	5409808.3	3794.30005	254.60	42.88	48.841230	-86.936917	56095.93	56275.7	-25.70	56070.23	56075.28125	56022.67375	56049.32031	504628.7	5409808.3
L4630.0	504628.7	5409809.8	3794.39990	253.24	42.88	48.841244	-86.936917	56095.98	56275.7	-25.71	56070.28	56075.24609	56022.87472	56049.50391	504628.7	5409809.8
L4630.0	504628.7	5409809.8	3794.50000	254.09	47.23	48.841244	-86.936917	56097.22	56275.7	-25.71	56071.51	56076.38672	56023.01442	56049.62500	504628.7	5409809.8
L4630.0	504628.7	5409811.0	3794.60010	254.00	47.23	48.841255	-86.936917	56098.76	56275.7	-25.72	56073.04	56077.82813	56023.15110	56049.74609	504628.7	5409811.0
L4630.0	504628.7	5409812.4	3794.69995	253.69	48.47	48.841267	-86.936917	56100.31	56275.7	-25.73	56074.58	56079.28125	56023.30363	56049.88672	504628.7	5409812.4
L4630.0	504628.7	5409814.2	3794.80005	252.72	48.47	48.841284	-86.936917	56102.33	56275.7	-25.74	56076.59	56081.19922	56023.44084	56050.01563	504628.7	5409814.2
L4630.0	504628.7	5409815.2	3794.89990	252.86	50.32	48.841293	-86.936917	56104.46	56275.8	-25.75	56078.71	56083.23047	56023.58622	56050.15234	504628.7	5409815.2
L4630.0	504628.7	5409815.2	3795.00000	252.79	51.55	48.841293	-86.936917	56105.14	56275.8	-25.76	56079.38	56083.81250	56023.84319	56050.40625	504628.7	5409815.2
L4630.0	504628.7	5409817.0	3795.10010	252.32	51.55	48.841309	-86.936917	56107.11	56275.8	-25.77	56081.34	56085.68359	56024.02851	56050.58984	504628.7	5409817.0
L4630.0	504628.7	5409818.5	3795.19995	254.65	50.96	48.841322	-86.936917	56108.86	56275.8	-25.78	56083.08	56087.33594	56024.24219	56050.80078	504628.7	5409818.5
L4630.0	504628.7	5409818.5	3795.30005	254.51	50.9	48.841322	-86.936917	56110.73	56275.8	-25.79	56084.94	56089.10938	56024.46093	56051.02344	504628.7	5409818.5
L4630.0	504628.7	5409820.2	3795.39990	255.66	50.9	48.841337	-86.936917	56112.76	56275.8	-25.80	56086.96	56091.03906	56024.68135	56051.25391	504628.7	5409820.2
L4630.0	504628.7	5409821.6	3795.50000	256.11	50.9	48.841350	-86.936917	56114.17	56275.8	-25.81	56088.37	56092.36328	56024.95407	56051.53516	504628.7	5409821.6
L4630.0	504628.7	5409823.0	3795.60010	257.34	50.47	48.841363	-86.936917	56117.03	56275.8	-25.81	56091.21	56095.11719	56025.14235	56051.73828	504628.7	5409823.0
L4630.0	504628.7	5409824.2	3795.69995	255.99	50.47	48.841373	-86.936917	56118.78	56275.8	-25.82	56092.95	56096.76953	56025.41406	56052.02734	504628.7	5409824.2
L4630.0	504628.7	5409824.2	3795.69995	255.99	51.01	48.841373	-86.936917	56120.99	56275.8	-25.82	56095.17	56098.90234	56025.66307	56052.30078	504628.7	5409824.2
L4630.0	504628.7	5409825.5	3795.80005	254.93	48.3	48.841386	-86.936917	56122.72	56275.8	-25.83	56096.89	56100.53906	56025.95388	56052.61719	504628.7	5409825.5
L4630.0	504628.7	5409827.2	3796.00000	254.17	48.3	48.841401	-86.936917	56125.84	56275.8	-25.85	56099.99	56103.55469	56026.16031	56052.85156	504628.7	5409827.2
L4630.0	504628.7	5409827.9	3796.10010	257.01	44.36	48.841407	-86.936917	56127.88	56275.9	-25.86	56102.02	56105.50000	56026.44481	56053.17188	504628.7	5409827.9
L4630.0	504628.7	5409829.3	3796.19995	253.67	45.81	48.841419	-86.936917	56131.00	56275.9	-25.86	56105.14	56108.53906	56026.66249	56053.42578	504628.7	5409829.3
L4630.0	504628.7	5409830.5	3796.30005	251.92	48.13	48.841431	-86.936917	56134.13	56275.9	-25.87	56108.26	56111.57813	56026.88509	56053.69531	504628.7	5409830.5
L4630.0	504628.7	5409832.1	3796.39990	253.83	48.13	48.841445	-86.936917	56136.07	56275.9	-25.88	56110.20	56113.43750	56027.19036	56054.04688	504628.7	5409832.1
L4630.0	504628.7	5409833.6	3796.50000	254.32	40.89	48.841458	-86.936917	56136.78	56275.9	-25.89	56110.90	56114.05859	56027.58133	56054.49219	504628.7	5409833.6
L4630.0	504628.7	5409833.6	3796.60010	252.49	40.89	48.841458	-86.936917	56140.07	56275.9	-25.89	56114.18	56117.26172	56027.80238	56054.77344	504628.7	5409833.6
L4630.0	504628.7	5409834.6	3796.69995	252.33	46.54	48.841467	-86.936917	56143.44	56275.9	-25.90	56117.54	56120.54297	56028.01921	56055.05469	504628.7	5409834.6
L4630.0	504628.7	5409836.0	3796.80005	252.02	48.46	48.841480	-86.936917	56145.71	56275.9	-25.91	56119.81	56122.73828	56028.30882	56055.41406	504628.7	5409836.0
L4630.0	504628.7	5409837.4	3796.89990	251.79	48.46	48.841493	-86.936917	56148.34	56275.9	-25.91	56122.43	56125.28516	56028.57422	56055.75391	504628.7	5409837.4
L4630.0	504628.7	5409838.6	3797.00000	252.40	45.74	48.841503	-86.936917	56151.64	56275.9	-25.92	56125.72	56128.50391	56028.79308	56056.05469	504628.7	5409838.6
L4630.0	504628.7	5409840.5	3797.10010	253.26	47.08	48.841520	-86.936917	56153.58	56275.9	-25.92	56127.65	56130.36328	56029.09973	56056.44922	504628.7	5409840.5
L4630.0	504628.7	5409841.4	3797.19995	253.05	42.68	48.841529	-86.936917	56155.71	56275.9	-25.93	56129.78	56132.42578	56029.38916	56056.83203	504628.7	5409841.4
L4630.0	504628.7	5409841.4	3797.30005	252.40	42.68	48.841529	-86.936917	56158.98	56275.9	-25.93	56133.05	56135.63281	56029.59769	56057.14453	504628.7	5409841.4
L4630.0	504628.6	5409842.9	3797.39990	253.99	46.16	48.841541	-86.936917	56161.40	56275.9	-25.94	56135.46	56137.98047	56029.85765	56057.51172	504628.6	5409842.9
L4630.0	504628.6	5409844.3	3797.50000	256.74	45.79	48.841554	-86.936917	56163.63	56275.9	-25.94	56137.68	56140.13672	56030.12337	56057.89063	504628.6	5409844.3
L4630.0	504628.6	5409845.5	3797.60010	256.86	45.79	48.841565	-86.936918	56166.24	56275.9	-25.94	56140.30	56142.69922	56030.35451	56058.24609	504628.6	5409845.5
L4630.0	504628.6	5409847.4	3797.69995	256.95	44.48	48.841582	-86.936918	56168.93	56275.9	-25.95	56142.99	56145.33594	56030.57208	56058.59375	504628.6	5409847.4
L4630.0	504628.6	5409848.4	3797.69995	256.95	46.11	48.841592	-86.936918	56172.50	56275.9	-25.95	56146.56	56148.85156	56030.72109	56058.87891	504628.6	5409848.4
L4630.0	504628.6	5409849.9	3797.80005	257.20	46.11	48.841604	-86.936918	56173.79	56276	-25.95	56147.83	56150.07031	56031.01256	56059.31641	504628.6	5409849.9
L4630.0	504628.6	5409849.9	3798.00000	257.36	38.34	48.841604	-86.936918	56176.09	56276	-25.96	56150.13	56152.32422	56031.22354	56059.67969	504628.6	5409849.9
L4630.0	504628.6	5409851.8	3798.10010	258.64	38.34	48.841621	-86.936918	56178.22	56276	-25.97	56152.25	56154.40234	56031.43374	56060.05078	504628.6	5409851.8
L4630.0	504628.5	5409853.1	3798.19995	259.02	40.91	48.841633	-86.936919	56181.31	56276	-25.98	56155.33	56157.44141	56031.56621	56060.35156	504628.5	5409853.1
L4630.0	504628.5	5409853.1	3798.30005	257.46	40.91	48.841633	-86.936919	56183.90	56276	-25.99	56157.91	56159.98047	56031.71737	56060.68359	504628.5	5409853.1
L4630.0	504628.5	5409854.7	3798.39990	257.06	44.63	48.841648	-86.936919	56186.01	56276	-26.00	56160.01	56162.05078	56031.88499	56061.03906	504628.5	5409854.7
L4630.0	504628.5	5409856.7	3798.50000	255.42	44.63	48.841666	-86.936919	56187.56	56276	-26.01	56161.55	56163.55859	56032.07351	56061.42188	504628.5	5409856.7
L4630.0	504628.5	5409856.7	3798.60010	255.81	38.83	48.841666	-86.936919	56190.31	56276	-26.01	56164.29	56166.27344	56032.16473	56061.71875	504628.5	5409856.7
L4630.0	504628.5	5409859.6	3798.69995	257.92	38.83	48.841692	-86.936919	56191.60	56276	-26.02	56165.57	56167.53125	56032.33514	56062.10547	504628.5	5409859.6
L4630.0	504628.5	5409859.6	3798.80005	259.33	43.19	48.841692	-86.936919	56193.82	56276	-26.03	56167.79	56169.73438	56032.42392	56062.42188	504628.5	5409859.6
L4630.0	504628.5	5409861.0	3798.89990	259.70	38.88	48.841705	-86.936919	56195.88	56276	-26.04	56169.84	56171.76953	56032.50427	56062.73438	504628.5	5409861.0
L4630.0	504628.5	5409862.7	3799.00000	259.17	38.88	48.841720	-86.936919	56198.50	56276.1	-26.05	56172.45	56174.37500	56032.52674	56063.00391	504628.5	5409862.7
L4630.0	504628.5	5409864.1	3799.10010	256.11	34.4	48.841733	-86.936919	56200.15	56276.1	-26.06	56174.09	56176.01172	56032.59259	56063.32422	504628.5	5409864.1
L4630.0	504628.5	5409864.1	3799.19995	255.26	34.4	48.841733	-86.936919	56202.02	56276.1	-26.07	56175.95	56177.87109	56032.62174	56063.62109	504628.5	5409864.1
L4630.0	504628.5	5409865.8	3799.30005	256.07	38.84	48.841748	-86.936920	56202.69	56276.1	-26.08	56176.61	56178.53906	56032.70818	56063.98438	504628.5	5409865.8
L4630.0	504628.5	5409865.8	3799.39990	256.07	39.19	48.841748	-86.936920	56204.42	56276.1	-26.09	56178.33	56180.26953	56032.70054	56064.26563	504628.5	5409865.8
L4630.0	504628.5	5409867.8	3799.39990	256.50	39.19	48.841766	-86.936920	56205.89	56276.1	-26.09	56179.81	56181.76563	56032.68485	56064.55078	504628.5	5409867.8
L4630.0	504628.5	5409869.2	3799.60010	257.43	38.02	48.841779	-86.936920	56207.11	56276.1	-26.10	56181.01	56182.99219	56032.66315	56064.83984	504628.5	5409869.2
L4630.0	504628.4	5409870.6	3799.69995	257.89	38.02	48.841791	-86.936920	56208.93	56276.1	-26.11	56182.81	56184.82031	56032.57618	56065.07422	504628.4	5409870.6
L4630.0	504628.4	5409870.6	3799.69995	257.89	40.72	48.841791	-86.936920	56210.72	56276.1	-26.11	56184.61	56186.65625	56032.46336	56065.29688	504628.4	5409870.6
L4630.0	504628.4	5409872.3	3799.80005	256.12	40.15	48.841807	-86.936920	56211.36	56276.1	-26.12	56185.23	56187.31641	56032.40281	56065.58203	504628.4	5409872.3
L4630.0	504628.4	5409873.7	3799.80005	256.12	40.15	48.841819	-86.936920	56213.04	56276.1	-26.12	56186.92	56189.05469	56032.24400	56065.78516	504628.4	5409873.7
L4630.0	504628.4	5409875.4	3800.00000	252.94	36.07	48.841834	-86.936920	56213.77	56276.1	-26.14	56187.63	56189.82031	56032.12312	56066.03516	504628.4	5409875.4
L4630.0	504628.4	5409875.4	3800.10010	254.62	36.07	48.841834	-86.936920	56213.91	56276.1	-26.14	56187.76	56190.01172	56032.01301	56066.30859	504628.4	5409875.4
L4630.0	504628.4	5409877.2	3800.19995	258.46	36.9	48.841851	-86.936920	56214.57	56276.2	-26.15	56188.42	56190.73828	56031.83924	56066.53125	504628.4	5409877.2
L4630.0	504628.4	5409878.4	3800.30005	258.72	36.71	48.841861	-86.936920	56215.49	56276.2	-26.15	56189.34	56191.73828	56031.61938	56066.72266	504628.4	5409878.4
L4630.0	504628.4	5409879.9	3800.39990	259.19	36.71	48.841874	-86.936920	56216.24	56276.2	-26.16	56190.08	56192.56250	56031.38235	56066.91016	504628.4	5409879.9
L4630.0	504628.4	5409881.3	3800.60010	255.82	35.31	48.841887	-86.936920	56217.87	56276.2	-26.17	56191.70	56194.27344	56031.05712	56067.02344	504628.4	5409881.3
L4630.0	504628.4	5409882.2	3800.69995	254.87	36.7	48.841895	-86.936920	56218.72	56276.2	-26.18	56192.54	56195.21484	56030.75399	56067.16797	504628.4	5409882.2
L4630.0	504628.4	5409882.2	3800.80005	252.68	34.51	48.841895	-86.936920	56218.68	56276.2	-26.18	56192.50	56195.28125	56030.47930	56067.35938	504628.4	5409882.2
L4630.0	504628.5	5409884.8	3800.89990	253.62	34.51	48.841919	-86.936920	56219.57	56276.2	-26.19	56193.39	56196.28906	56030.11205	56067.47266	504628.5	5409884.8
L4630.0	504628.5	5409884.8	3801.00000	254.07	34.51	48.841919	-86.936920	56219.51	56276.2	-26.19	56193.32	56196.34375	56029.77794	56067.63281	504628.5	5409884.8
L4630.0	504628.5	5409886.5	3801.10010	255.00	36.41	48.841934	-86.936919	56219.93	56276.2	-26.20	56193.73	56196.89063	56029.38071	56067.74219	504628.5	5409886.5
L4630.0	504628.5	5409888.2	3801.19995	255.58	36.41	48.841949	-86.936919	56220.26	56276.2	-26.21	56194.05	56197.35156	56028.95807	56067.83984	504628.5	5409888.2
L4630.0	504628.5	5409889.8	3801.30005	255.52	33.66	48.841964	-86.936919	56220.31	56276.2	-26.22	56194.09	56197.54688	56028.52244	56067.94141	504628.5	5409889.8
L4630.0	504628.5	5409889.8	3801.39990	255.66	26.37	48.841964	-86.936919	56220.47	56276.2	-26.23	56194.24	56197.85938	56028.04760	56068.01953	504628.5	5409889.8
L4630.0	504628.5	5409890.9	3801.50000	255.84	26.37	48.841973	-86.936919	56220.46	56276.2	-26.24	56194.22	56198.01563	56027.55199	56068.08984	504628.5	5409890.9
L4630.0	504628.5	5409892.7	3801.60010	258.80	27.6	48.841989	-86.936919	56220.92	56276.3	-26.25	56194.67	56198.64844	56026.99272	56068.11328	504628.5	5409892.7
L4630.0	504628.5	5409893.9	3801.69995	259.77	30.55	48.842001	-86.936919	56220.21	56276.3	-26.26	56193.95	56198.12109	56026.47894	56068.19531	504628.5	5409893.9
L4630.0	504628.5	5409893.9	3801.69995	259.77	32.94	48.842001	-86.936919	56220.64	56276.3	-26.26	56194.38	56198.75781	56025.85579	56068.18750	504628.5	5409893.9
L4630.0	504628.5	5409896.6	3801.80005	257.87	32.94	48.842025	-86.936919	56220.52	56276.3	-26.27	56194.25	56198.84375	56025.23709	56068.19531	504628.5	5409896.6
L4630.0	504628.5	5409896.6	3802.00000	255.56	32.87	48.842025	-86.936919	56220.13	56276.3	-26.29	56193.84	56198.66016	56024.60399	56068.20703	504628.5	5409896.6
L4630.0	504628.5	5409897.8	3802.10010	255.10	34.06	48.842036	-86.936918	56220.36	56276.3	-26.30	56194.06	56199.12109	56023.89568	56068.16016	504628.5	5409897.8
L4630.0	504628.5	5409899.7	3802.19995	255.78	34.06	48.842052	-86.936918	56219.86	56276.3	-26.30	56193.56	56198.87109	56023.20199	56068.14063	504628.5	5409899.7
L4630.0	504628.5	5409899.7	3802.30005	255.05	31.9	48.842052	-86.936918	56219.43	56276.3	-26.31	56193.12	56198.69531	56022.47078	56068.10156	504628.5	5409899.7
L4630.0	504628.5	5409901.4	3802.39990	255.37	31.29	48.842068	-86.936918	56219.44	56276.3	-26.32	56193.12	56198.97266	56021.67654	56068.01563	504628.5	5409901.4
L4630.0	504628.5	5409902.9	3802.50000	253.93	31.29	48.842081	-86.936918	56219.09	56276.3	-26.32	56192.76	56198.89844	56020.87249	56067.93750	504628.5	5409902.9
L4630.0	504628.5	5409904.1	3802.60010	255.11	31.15	48.842092	-86.936918	56218.75	56276.3	-26.33	56192.41	56198.85156	56020.03379	56067.83984	504628.5	5409904.1
L4630.0	504628.5	5409905.5	3802.69995	255.97	33.23	48.842105	-86.936918	56218.38	56276.3	-26.34	56192.04	56198.79688	56019.16232	56067.72656	504628.5	5409905.5
L4630.0	504628.5	5409905.5	3802.80005	254.24	33.23	48.842105	-86.936918	56218.26	56276.3	-26.35	56191.92	56199.00391	56018.23993	56067.57813	504628.5	5409905.5
L4630.0	504628.5	5409907.4	3802.89990	255.18	37.61	48.842122	-86.936918	56217.09	56276.4	-26.35	56190.74	56198.16406	56017.35382	56067.48047	504628.5	5409907.4
L4630.0	504628.5	5409908.9	3803.00000	256.33	37.61	48.842135	-86.936918	56217.09	56276.4	-26.36	56190.73	56198.51172	56016.35517	56067.28906	504628.5	5409908.9
L4630.0	504628.5	5409910.3	3803.10010	257.79	31.72	48.842148	-86.936918	56216.51	56276.4	-26.37	56190.15	56198.30078	56015.35984	56067.11719	504628.5	5409910.3
L4630.0	504628.5	5409910.3	3803.19995	257.80	31.53	48.842148	-86.936918	56214.97	56276.4	-26.37	56188.60	56197.13672	56014.39437	56066.99219	504628.5	5409910.3
L4630.0	504628.6	5409911.8	3803.30005	258.83	34.25	48.842161	-86.936918	56214.57	56276.4	-26.38	56188.19	56197.12500	56013.31792	56066.77344	504628.6	5409911.8
L4630.0	504628.6	5409913.2	3803.39990	257.11	34.25	48.842174	-86.936918	56214.19	56276.4	-26.38	56187.80	56197.15234	56012.20503	56066.53516	504628.6	5409913.2
L4630.0	504628.6	5409914.6	3803.50000	254.35	37.81	48.842187	-86.936917	56213.41	56276.4	-26.39	56187.02	56196.80078	56011.08288	56066.30078	504628.6	5409914.6

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4630.0	504628.6	5409916.1	3803.60010	254.78	32	48.842200	-86.936917	56212.58	56276.4	-26.40	56186.19	56196.41797	56009.92863	56066.05469	504628.6	5409916.1
L4630.0	504628.6	5409917.8	3803.69995	255.37	32	48.842215	-86.936917	56212.75	56276.4	-26.40	56186.35	56197.03906	56008.67281	56065.72266	504628.6	5409917.8
L4630.0	504628.6	5409917.8	3803.69995	255.37	34	48.842215	-86.936917	56212.06	56276.4	-26.40	56185.66	56196.82422	56007.43791	56065.42578	504628.6	5409917.8
L4630.0	504628.6	5409919.7	3803.80005	256.61	38.71	48.842232	-86.936917	56210.77	56276.4	-26.41	56184.36	56196.01953	56006.20776	56065.15625	504628.6	5409919.7
L4630.0	504628.6	5409920.9	3804.00000	254.54	38.71	48.842244	-86.936917	56210.18	56276.4	-26.42	56183.76	56195.92969	56004.89485	56064.81641	504628.6	5409920.9
L4630.0	504628.6	5409920.9	3804.10010	254.28	37.29	48.842244	-86.936917	56209.13	56276.4	-26.43	56182.71	56195.41016	56003.57569	56064.48828	504628.6	5409920.9
L4630.0	504628.7	5409922.6	3804.19995	255.54	37.29	48.842259	-86.936916	56207.16	56276.4	-26.43	56180.73	56193.97266	56002.28207	56064.19922	504628.7	5409922.6
L4630.0	504628.7	5409924.5	3804.30005	256.87	35.03	48.842276	-86.936916	56206.26	56276.4	-26.44	56179.82	56193.62500	56000.88048	56063.82031	504628.7	5409924.5
L4630.0	504628.7	5409924.5	3804.39990	256.15	35.03	48.842276	-86.936916	56206.17	56276.4	-26.45	56179.72	56194.10547	55999.38806	56063.36719	504628.7	5409924.5
L4630.0	504628.7	5409926.1	3804.50000	259.05	34.96	48.842291	-86.936916	56204.38	56276.5	-26.46	56177.92	56192.90234	55997.97192	56063.00781	504628.7	5409926.1
L4630.0	504628.7	5409927.7	3804.60010	258.23	36.44	48.842304	-86.936915	56204.19	56276.5	-26.46	56177.73	56193.33203	55996.41120	56062.51953	504628.7	5409927.7
L4630.0	504628.7	5409929.5	3804.69995	258.54	36.44	48.842321	-86.936915	56202.08	56276.5	-26.47	56175.61	56191.84375	55994.94167	56062.13672	504628.7	5409929.5
L4630.0	504628.7	5409929.5	3804.80005	257.28	34.82	48.842321	-86.936915	56201.05	56276.5	-26.48	56174.58	56191.46875	55993.36178	56061.66406	504628.7	5409929.5
L4630.0	504628.8	5409930.7	3804.89990	258.19	35.97	48.842332	-86.936915	56200.53	56276.5	-26.48	56174.04	56191.59766	55991.71129	56061.13281	504628.8	5409930.7
L4630.0	504628.8	5409932.4	3805.00000	259.32	35.97	48.842347	-86.936915	56197.85	56276.5	-26.49	56171.36	56189.60938	55990.16528	56060.72266	504628.8	5409932.4
L4630.0	504628.8	5409932.4	3805.10010	259.85	35.3	48.842347	-86.936915	56197.88	56276.5	-26.50	56171.38	56190.33984	55988.40084	56060.10938	504628.8	5409932.4
L4630.0	504628.8	5409935.1	3805.19995	260.19	32.83	48.842371	-86.936914	56196.07	56276.5	-26.51	56169.56	56189.24609	55986.72037	56059.59375	504628.8	5409935.1
L4630.0	504628.8	5409935.1	3805.30005	260.75	34.07	48.842371	-86.936914	56193.29	56276.5	-26.51	56166.77	56187.20703	55985.06560	56059.12109	504628.8	5409935.1
L4630.0	504628.8	5409936.6	3805.39990	258.19	34.07	48.842384	-86.936914	56191.83	56276.5	-26.52	56165.31	56186.51172	55983.28290	56058.53516	504628.8	5409936.6
L4630.0	504628.8	5409937.8	3805.50000	257.18	33.7	48.842395	-86.936914	56191.34	56276.5	-26.53	56164.81	56186.80078	55981.39665	56057.85938	504628.8	5409937.8
L4630.0	504628.9	5409939.2	3805.60010	254.44	35.83	48.842408	-86.936913	56190.01	56276.5	-26.54	56163.47	56186.26953	55979.52654	56057.21484	504628.9	5409939.2
L4630.0	504628.9	5409940.6	3805.69995	254.56	35.83	48.842421	-86.936913	56188.11	56276.5	-26.55	56161.56	56185.18750	55977.65425	56056.58594	504628.9	5409940.6
L4630.0	504628.9	5409942.3	3805.69995	254.56	37	48.842436	-86.936913	56186.77	56276.5	-26.55	56160.22	56184.69531	55975.70345	56055.89063	504628.9	5409942.3
L4630.0	504628.9	5409942.3	3805.80005	254.70	35.83	48.842436	-86.936913	56185.78	56276.6	-26.55	56159.22	56184.56250	55973.68913	56055.14453	504628.9	5409942.3
L4630.0	504628.9	5409944.6	3806.00000	253.16	35.83	48.842456	-86.936913	56183.46	56276.6	-26.57	56156.89	56183.12109	55971.72226	56054.46094	504628.9	5409944.6
L4630.0	504628.9	5409944.6	3806.10010	254.21	33.64	48.842456	-86.936913	56181.17	56276.6	-26.58	56154.60	56181.74219	55969.71113	56053.74219	504628.9	5409944.6
L4630.0	504628.9	5409946.0	3806.19995	252.76	31.82	48.842470	-86.936913	56179.91	56276.6	-26.58	56153.33	56181.40234	55967.59004	56052.93359	504628.9	5409946.0
L4630.0	504628.9	5409947.6	3806.30005	251.44	31.82	48.842484	-86.936913	56178.47	56276.6	-26.59	56151.89	56180.91016	55965.43791	56052.10156	504628.9	5409947.6
L4630.0	504628.9	5409949.4	3806.39990	253.44	36.63	48.842500	-86.936913	56177.18	56276.6	-26.59	56150.59	56180.58203	55963.23367	56051.23047	504628.9	5409949.4
L4630.0	504628.9	5409949.4	3806.50000	254.52	34.3	48.842500	-86.936913	56174.25	56276.6	-26.60	56147.65	56178.63672	55961.09555	56050.44141	504628.9	5409949.4
L4630.0	504628.9	5409951.1	3806.60010	250.81	34.3	48.842515	-86.936913	56172.26	56276.6	-26.61	56145.66	56177.66016	55958.85046	56049.55469	504628.9	5409951.1
L4630.0	504628.9	5409952.7	3806.69995	250.06	36.2	48.842530	-86.936913	56170.76	56276.6	-26.61	56144.15	56177.18359	55956.52926	56048.60547	504628.9	5409952.7
L4630.0	504628.9	5409954.4	3806.80005	251.11	36.2	48.842545	-86.936913	56169.09	56276.6	-26.62	56142.47	56176.55859	55954.17483	56047.63281	504628.9	5409954.4
L4630.0	504628.9	5409954.4	3806.89990	250.38	36.33	48.842545	-86.936913	56166.75	56276.6	-26.62	56140.13	56175.29688	55951.81935	56046.66797	504628.9	5409954.4
L4630.0	504628.9	5409956.5	3807.00000	251.52	36.33	48.842564	-86.936913	56164.72	56276.6	-26.63	56138.09	56174.35156	55949.39833	56045.65234	504628.9	5409956.5
L4630.0	504628.9	5409958.3	3807.10010	252.48	36.35	48.842580	-86.936913	56163.17	56276.6	-26.63	56136.53	56173.91016	55946.89925	56044.56641	504628.9	5409958.3
L4630.0	504628.9	5409958.3	3807.19995	254.86	36.35	48.842580	-86.936913	56160.58	56276.6	-26.64	56133.94	56172.46094	55944.42228	56043.51563	504628.9	5409958.3
L4630.0	504628.9	5409959.5	3807.30005	255.17	34.66	48.842590	-86.936913	56158.75	56276.6	-26.64	56132.10	56171.78125	55941.84820	56042.37500	504628.9	5409959.5
L4630.0	504628.9	5409961.1	3807.39990	253.29	37.22	48.842605	-86.936913	56157.58	56276.7	-26.65	56130.93	56171.79297	55939.18181	56041.15234	504628.9	5409961.1
L4630.0	504628.9	5409961.1	3807.50000	254.28	37.22	48.842605	-86.936913	56154.89	56276.7	-26.65	56128.23	56170.29297	55936.56923	56039.99219	504628.9	5409961.1
L4630.0	504628.9	5409962.6	3807.60010	256.07	39.7	48.842618	-86.936913	56152.50	56276.7	-26.66	56125.84	56169.12500	55933.88722	56038.76953	504628.9	5409962.6
L4630.0	504628.9	5409964.2	3807.69995	259.24	41.62	48.842633	-86.936913	56149.06	56276.7	-26.67	56122.39	56166.91797	55931.22655	56037.57813	504628.9	5409964.2
L4630.0	504628.9	5409965.7	3807.69995	259.24	37.82	48.842647	-86.936913	56147.84	56276.7	-26.67	56121.17	56166.96094	55928.36731	56036.19531	504628.9	5409965.7
L4630.0	504628.9	5409965.7	3807.80005	259.79	37.82	48.842647	-86.936913	56146.17	56276.7	-26.67	56119.50	56166.57813	55925.48758	56034.80078	504628.9	5409965.7
L4630.0	504628.9	5409966.9	3808.00000	257.44	37.82	48.842657	-86.936913	56143.44	56276.7	-26.68	56116.76	56165.14063	55922.62809	56033.42969	504628.9	5409966.9
L4630.0	504628.9	5409968.6	3808.10010	257.40	35.53	48.842673	-86.936913	56141.44	56276.7	-26.68	56114.76	56164.46484	55919.66759	56031.96875	504628.9	5409968.6
L4630.0	504628.9	5409970.1	3808.19995	256.22	38.24	48.842686	-86.936913	56138.66	56276.7	-26.69	56111.97	56163.01953	55916.70749	56030.50781	504628.9	5409970.1
L4630.0	504628.9	5409971.5	3808.30005	255.86	40.06	48.842699	-86.936913	56135.45	56276.7	-26.69	56108.75	56161.16406	55913.72318	56029.03516	504628.9	5409971.5
L4630.0	504628.9	5409971.5	3808.39990	255.82	37.99	48.842699	-86.936913	56133.09	56276.7	-26.70	56106.39	56160.18750	55910.62806	56027.45313	504628.9	5409971.5
L4630.0	504628.8	5409973.9	3808.50000	254.96	38.43	48.842720	-86.936913	56130.56	56276.7	-26.70	56103.86	56159.06250	55907.49020	56025.83594	504628.8	5409973.9
L4630.0	504628.8	5409973.9	3808.60010	255.78	40.61	48.842720	-86.936913	56127.13	56276.7	-26.70	56100.43	56157.05469	55904.35768	56024.22266	504628.8	5409973.9
L4630.0	504628.8	5409975.4	3808.69995	255.17	37.77	48.842734	-86.936913	56123.66	56276.7	-26.71	56096.95	56155.01953	55901.17323	56022.56641	504628.8	5409975.4
L4630.0	504628.8	5409977.0	3808.80005	254.45	37.77	48.842749	-86.936914	56121.98	56276.7	-26.71	56095.27	56154.79688	55897.81295	56020.73828	504628.8	5409977.0
L4630.0	504628.8	5409978.2	3808.89990	254.40	38.62	48.842759	-86.936914	56119.36	56276.7	-26.72	56092.64	56153.64844	55894.45959	56018.91797	504628.8	5409978.2
L4630.0	504628.8	5409979.2	3809.00000	256.24	38.62	48.842768	-86.936914	56115.26	56276.7	-26.72	56088.54	56151.04688	55891.14724	56017.14063	504628.8	5409979.2
L4630.0	504628.8	5409980.3	3809.10010	257.64	39.97	48.842778	-86.936914	56112.07	56276.7	-26.73	56085.35	56149.37109	55887.71670	56015.25000	504628.8	5409980.3
L4630.0	504628.8	5409980.3	3809.19995	257.66	40.23	48.842778	-86.936914	56109.26	56276.7	-26.74	56082.52	56148.07813	55884.20408	56013.27734	504628.8	5409980.3
L4630.0	504628.8	5409982.3	3809.30005	258.03	40.23	48.842796	-86.936914	56105.32	56276.7	-26.74	56078.58	56145.68750	55880.70687	56011.32031	504628.8	5409982.3
L4630.0	504628.8	5409983.4	3809.39990	258.25	44.15	48.842806	-86.936914	56101.32	56276.8	-26.75	56074.57	56143.24609	55877.15523	56009.31250	504628.8	5409983.4
L4630.0	504628.8	5409985.4	3809.50000	258.49	44.36	48.842823	-86.936914	56098.32	56276.8	-26.76	56071.56	56141.82422	55873.47733	56007.17969	504628.8	5409985.4
L4630.0	504628.8	5409985.4	3809.60010	257.60	43.26	48.842823	-86.936914	56094.39	56276.8	-26.77	56067.62	56139.48828	55869.80137	56005.04688	504628.8	5409985.4
L4630.0	504628.8	5409987.0	3809.69995	259.29	42.85	48.842838	-86.936914	56090.67	56276.8	-26.78	56063.90	56137.38672	55866.05026	56002.83984	504628.8	5409987.0
L4630.0	504628.8	5409988.5	3809.69995	259.29	38.01	48.842851	-86.936914	56086.75	56276.8	-26.78	56059.98	56135.10156	55862.25157	56000.58203	504628.8	5409988.5
L4630.0	504628.8	5409989.9	3809.80005	258.94	42.62	48.842864	-86.936914	56082.75	56276.8	-26.78	56055.97	56132.74219	55858.39759	55998.26953	504628.8	5409989.9
L4630.0	504628.7	5409991.1	3810.00000	258.12	42.62	48.842875	-86.936914	56078.83	56276.8	-26.80	56052.03	56130.46875	55854.47730	55995.88672	504628.7	5409991.1
L4630.0	504628.7	5409991.1	3810.10010	259.27	46.1	48.842875	-86.936914	56074.84	56276.8	-26.81	56048.03	56128.15234	55850.49904	55993.44922	504628.7	5409991.1
L4630.0	504628.7	5409992.7	3810.19995	257.91	46.89	48.842889	-86.936914	56070.16	56276.8	-26.81	56043.35	56125.16797	55846.50385	55990.98828	504628.7	5409992.7
L4630.0	504628.7	5409993.9	3810.30005	255.48	47.14	48.842900	-86.936914	56064.77	56276.8	-26.82	56037.96	56121.48828	55842.49349	55988.51172	504628.7	5409993.9
L4630.0	504628.7	5409995.1	3810.39990	256.37	47.58	48.842911	-86.936914	56060.17	56276.8	-26.82	56033.35	56118.60156	55838.36842	55985.91406	504628.7	5409995.1
L4630.0	504628.7	5409996.3	3810.50000	258.08	47.58	48.842922	-86.936914	56055.41	56276.8	-26.82	56028.58	56115.57031	55834.19113	55983.26563	504628.7	5409996.3
L4630.0	504628.7	5409997.9	3810.60010	258.22	47.54	48.842936	-86.936914	56050.96	56276.8	-26.83	56024.13	56112.87109	55829.92949	55980.52344	504628.7	5409997.9
L4630.0	504628.7	5409999.1	3810.69995	257.06	47.65	48.842947	-86.936914	56045.44	56276.8	-26.83	56018.61	56109.11719	55825.67610	55977.78906	504628.7	5409999.1
L4630.0	504628.7	5410000.3	3810.80005	255.25	37.23	48.842957	-86.936914	56039.81	56276.8	-26.84	56012.97	56105.25000	55821.36759	55974.99219	504628.7	5410000.3
L4630.0	504628.7	5410000.3	3810.89990	252.40	37.23	48.842957	-86.936914	56034.34	56276.8	-26.85	56007.49	56101.55859	55816.98531	55972.12109	504628.7	5410000.3
L4630.0	504628.7	5410001.6	3811.00000	253.63	35.96	48.842970	-86.936914	56028.29	56276.8	-26.85	56001.44	56097.30859	55812.57801	55969.21484	504628.7	5410001.6
L4630.0	504628.7	5410003.1	3811.10010	255.07	35.96	48.842983	-86.936914	56021.52	56276.9	-26.86	55994.66	56092.33984	55808.15648	55966.28906	504628.7	5410003.1
L4630.0	504628.7	5410004.9	3811.19995	254.66	35.39	48.842999	-86.936914	56016.08	56276.9	-26.86	55989.22	56088.72266	55803.58289	55963.20703	504628.7	5410004.9
L4630.0	504628.7	5410006.4	3811.30005	254.60	35.3	48.843012	-86.936914	56011.20	56276.9	-26.87	55984.33	56085.66016	55798.91018	55960.01953	504628.7	5410006.4
L4630.0	504628.7	5410006.4	3811.39990	254.41	38.55	48.843012	-86.936914	56004.59	56276.9	-26.87	55977.72	56080.89453	55794.28996	55956.87891	504628.7	5410006.4
L4630.0	504628.7	5410007.8	3811.50000	254.16	38.55	48.843025	-86.936915	55996.20	56276.9	-26.88	55969.31	56074.33203	55789.72793	55953.78906	504628.7	5410007.8
L4630.0	504628.7	5410009.2	3811.60010	252.37	31.83	48.843038	-86.936915	55990.56	56276.9	-26.89	55963.67	56070.55469	55784.91988	55950.44531	504628.7	5410009.2
L4630.0	504628.7	5410009.2	3811.69995	254.43	31.71	48.843038	-86.936915	55984.06	56276.9	-26.89	55957.16	56065.91016	55780.10895	55947.08984	504628.7	5410009.2
L4630.0	504628.7	5410011.1	3811.69995	254.43	31.39	48.843055	-86.936915	55977.20	56276.9	-26.89	55950.31	56060.93359	55775.26039	55943.68750	504628.7	5410011.1
L4630.0	504628.7	5410012.3	3811.80005	255.10	31.39	48.843065	-86.936915	55969.41	56276.9	-26.90	55942.51	56055.01563	55770.41549	55940.28516	504628.7	5410012.3
L4630.0	504628.7	5410013.6	3812.00000	255.71	41.25	48.843078	-86.936915	55961.92	56276.9	-26.91	55935.01	56049.40625	55765.49163	55936.79297	504628.7	5410013.6
L4630.0	504628.7	5410014.6	3812.10010	256.49	42.59	48.843086	-86.936915	55954.79	56276.9	-26.91	55927.87	56044.16406	55760.48561	55933.21094	504628.7	5410014.6
L4630.0	504628.7	5410015.9	3812.19995	252.88	33.14	48.843098	-86.936915	55946.57	56276.9	-26.92	55919.65	56037.84375	55755.49427	55929.63672	504628.7	5410015.9
L4630.0	504628.7	5410017.1	3812.30005	252.45	33.14	48.843109	-86.936915	55938.86	56276.9	-26.92	55911.93	56032.03125	55750.41322	55925.96094	504628.7	5410017.1
L4630.0	504628.7	5410018.0	3812.39990	255.36	48.78	48.843117	-86.936915	55931.02	56276.9	-26.93	55904.09	56026.10547	55745.28482	55922.23047	504628.7	5410018.0
L4630.0	504628.7	5410019.1	3812.50000	254.41	48.78	48.843127	-86.936915	55922.52	56276.9	-26.93	55895.59	56019.51953	55740.14615	55918.48047	504628.7	5410019.1
L4630.0	504628.7	5410020.8	3812.60010	254.78	48.79	48.843142	-86.936915	55913.36	56276.9	-26.93	55886.42	56012.27344	55734.99906	55914.71094	504628.7	5410020.8
L4630.0	504628.7	5410021.6	3812.69995	254.40	47.92	48.843150	-86.936915	55904.05	56276.9	-26.94	55877.11	56004.88672	55729.80949	55910.89063	504628.7	5410021.6
L4630.0	504628.7	5410022.8	3812.80005	254.14	47.92	48.843160	-86.936915	55896.11	56276.9	-26.94	55869.16	55998.86328	55724.47877	55906.91797	504628.7	5410022.8

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4630.0	504628.7	5410022.8	3812.89990	252.48	48.64	48.843160	-86.936915	55887.78	56276.9	-26.95	55860.84	55992.47266	55719.12366	55902.91406	504628.7	5410022.8
L4630.0	504628.7	5410024.3	3813.00000	253.05	35.8	48.843174	-86.936915	55877.87	56276.9	-26.95	55850.92	55984.48828	55713.82769	55898.95703	504628.7	5410024.3
L4630.0	504628.7	5410025.7	3813.10010	253.84	39.65	48.843186	-86.936915	55868.38	56277	-26.95	55841.43	55976.93359	55708.45711	55894.91797	504628.7	5410025.7
L4630.0	504628.7	5410027.0	3813.19995	254.78	39.65	48.843198	-86.936914	55858.64	56277	-26.95	55831.69	55969.12500	55703.05895	55890.83594	504628.7	5410027.0
L4630.0	504628.7	5410027.9	3813.30005	254.78	41.8	48.843206	-86.936914	55849.21	56277	-26.96	55822.25	55961.62109	55697.59832	55886.68750	504628.7	5410027.9
L4630.0	504628.7	5410029.3	3813.39990	255.00	41.8	48.843219	-86.936914	55838.71	56277	-26.96	55811.76	55953.07031	55692.16707	55882.55469	504628.7	5410029.3
L4630.0	504628.7	5410030.4	3813.50000	254.64	48.46	48.843228	-86.936914	55828.67	56277	-26.96	55801.71	55944.95703	55686.66781	55878.34375	504628.7	5410030.4
L4630.0	504628.7	5410031.7	3813.60010	256.47	42.4	48.843240	-86.936915	55817.96	56277	-26.96	55791.00	55936.18359	55681.17590	55874.12891	504628.7	5410031.7
L4630.0	504628.7	5410031.7	3813.69995	257.63	36.52	48.843240	-86.936915	55807.70	56277	-26.96	55780.74	55927.85938	55675.61946	55869.84375	504628.7	5410031.7
L4630.0	504628.7	5410034.3	3813.69995	257.63	36.61	48.843264	-86.936915	55796.44	56277	-26.96	55769.48	55918.53125	55670.09734	55865.57813	504628.7	5410034.3
L4630.0	504628.7	5410034.3	3813.80005	256.25	42.31	48.843264	-86.936915	55785.36	56277	-26.97	55758.40	55909.38281	55664.53315	55861.26172	504628.7	5410034.3
L4630.0	504628.7	5410036.0	3814.00000	256.54	42.31	48.843279	-86.936915	55774.11	56277	-26.97	55747.14	55900.05469	55658.95324	55856.91797	504628.7	5410036.0
L4630.0	504628.7	5410036.0	3814.10010	254.66	42.31	48.843279	-86.936915	55762.36	56277	-26.98	55735.39	55890.23047	55653.38071	55852.57422	504628.7	5410036.0
L4630.0	504628.7	5410037.5	3814.19995	253.89	38.11	48.843292	-86.936915	55751.12	56277	-26.98	55724.14	55880.90234	55647.75205	55848.16016	504628.7	5410037.5
L4630.0	504628.6	5410039.0	3814.30005	254.80	38.11	48.843306	-86.936915	55739.16	56277	-26.99	55712.17	55870.85547	55642.15118	55843.76563	504628.6	5410039.0
L4630.0	504628.6	5410040.0	3814.39990	256.23	40.41	48.843315	-86.936915	55727.02	56277	-27.00	55700.02	55860.62109	55636.54471	55839.35938	504628.6	5410040.0
L4630.0	504628.6	5410041.3	3814.50000	256.91	43.01	48.843327	-86.936915	55714.99	56277	-27.01	55687.98	55850.49219	55630.91603	55834.91797	504628.6	5410041.3
L4630.0	504628.6	5410041.3	3814.60010	257.18	46.52	48.843327	-86.936915	55703.11	56277	-27.01	55676.09	55840.51172	55625.26521	55830.44141	504628.6	5410041.3
L4630.0	504628.6	5410042.6	3814.69995	257.41	43.68	48.843338	-86.936915	55690.96	56277	-27.02	55663.95	55830.27344	55619.62174	55825.96484	504628.6	5410042.6
L4630.0	504628.6	5410043.8	3814.80005	258.96	43.68	48.843349	-86.936915	55678.63	56277	-27.03	55651.60	55819.82031	55613.98580	55821.48828	504628.6	5410043.8
L4630.0	504628.6	5410044.4	3814.89990	256.25	44.87	48.843355	-86.936916	55665.23	56277	-27.03	55638.19	55808.30078	55608.41698	55817.06641	504628.6	5410044.4
L4630.0	504628.6	5410046.1	3815.00000	257.00	44.87	48.843369	-86.936916	55653.23	56277	-27.04	55626.19	55798.18750	55602.75353	55812.54297	504628.6	5410046.1
L4630.0	504628.6	5410047.1	3815.10010	256.16	46.1	48.843379	-86.936916	55640.45	56277	-27.05	55613.40	55787.27344	55597.14511	55808.06250	504628.6	5410047.1
L4630.0	504628.6	5410047.1	3815.19995	256.28	45.72	48.843379	-86.936916	55627.45	56277.1	-27.05	55600.40	55776.14453	55591.55605	55803.59375	504628.6	5410047.1
L4630.0	504628.6	5410048.5	3815.30005	256.38	44.69	48.843391	-86.936916	55614.77	56277.1	-27.06	55587.72	55765.32813	55585.95404	55799.10547	504628.6	5410048.5
L4630.0	504628.6	5410048.5	3815.39990	255.52	44.52	48.843391	-86.936916	55602.01	56277.1	-27.06	55574.94	55754.40625	55580.37011	55794.62500	504628.6	5410048.5
L4630.0	504628.6	5410050.4	3815.50000	255.35	42.92	48.843409	-86.936916	55589.47	56277.1	-27.07	55562.40	55743.71875	55574.78465	55790.13281	504628.6	5410050.4
L4630.0	504628.6	5410051.4	3815.60010	256.16	42.92	48.843417	-86.936916	55576.84	56277.1	-27.08	55549.76	55732.91797	55569.22336	55785.66016	504628.6	5410051.4
L4630.0	504628.5	5410052.3	3815.69995	256.75	42.74	48.843426	-86.936916	55564.55	56277.1	-27.08	55537.46	55722.44922	55563.65997	55781.17578	504628.5	5410052.3
L4630.0	504628.5	5410053.5	3815.69995	256.75	45.03	48.843436	-86.936916	55551.71	56277.1	-27.08	55524.63	55711.44141	55558.15549	55776.73828	504628.5	5410053.5
L4630.0	504628.5	5410054.6	3815.80005	255.90	45.03	48.843446	-86.936916	55539.02	56277.1	-27.09	55511.94	55700.57031	55552.66828	55772.31641	504628.5	5410054.6
L4630.0	504628.5	5410054.6	3816.00000	252.89	43.71	48.843446	-86.936916	55526.39	56277.1	-27.10	55499.29	55689.72656	55547.20799	55767.91016	504628.5	5410054.6
L4630.0	504628.5	5410055.9	3816.10010	252.35	44.31	48.843458	-86.936916	55514.03	56277.1	-27.10	55486.92	55679.15234	55541.76157	55763.51172	504628.5	5410055.9
L4630.0	504628.5	5410056.8	3816.19995	251.77	44.31	48.843466	-86.936916	55502.57	56277.1	-27.11	55475.46	55669.47656	55536.28995	55759.08203	504628.5	5410056.8
L4630.0	504628.5	5410057.9	3816.30005	253.46	44.89	48.843476	-86.936916	55488.70	56277.1	-27.11	55461.59	55657.38281	55531.01732	55754.84375	504628.5	5410057.9
L4630.0	504628.5	5410058.9	3816.39990	252.41	44.46	48.843485	-86.936916	55476.79	56277.1	-27.12	55449.67	55647.23047	55525.65584	55750.51172	504628.5	5410058.9
L4630.0	504628.5	5410058.9	3816.50000	251.18	44.49	48.843485	-86.936916	55466.14	56277.1	-27.13	55439.02	55638.33594	55520.25361	55746.13281	504628.5	5410058.9
L4630.0	504628.5	5410060.7	3816.60010	252.38	44.49	48.843501	-86.936916	55454.58	56277.1	-27.13	55427.45	55628.51172	55514.95932	55741.85547	504628.5	5410060.7
L4630.0	504628.5	5410060.7	3816.69995	252.04	38.13	48.843501	-86.936916	55443.07	56277.1	-27.14	55415.93	55618.72656	55509.71094	55737.61719	504628.5	5410060.7
L4630.0	504628.5	5410062.5	3816.80005	249.62	35.43	48.843517	-86.936916	55430.11	56277.1	-27.14	55402.97	55607.48828	55504.61036	55733.51953	504628.5	5410062.5
L4630.0	504628.5	5410063.2	3816.89990	251.71	35.43	48.843523	-86.936916	55420.68	56277.1	-27.15	55393.54	55599.76953	55499.32871	55729.23828	504628.5	5410063.2
L4630.0	504628.5	5410063.2	3817.00000	252.71	36.82	48.843523	-86.936916	55410.10	56277.2	-27.15	55382.95	55590.88281	55494.18106	55725.08594	504628.5	5410063.2
L4630.0	504628.5	5410064.3	3817.10010	254.50	39.63	48.843533	-86.936916	55399.85	56277.2	-27.15	55372.69	55582.31250	55489.07035	55720.96484	504628.5	5410064.3
L4630.0	504628.5	5410065.3	3817.19995	256.10	39.63	48.843542	-86.936916	55390.44	56277.2	-27.16	55363.28	55574.57813	55483.96413	55716.84375	504628.5	5410065.3
L4630.0	504628.5	5410066.2	3817.30005	254.42	37.72	48.843550	-86.936916	55380.96	56277.2	-27.16	55353.80	55566.76172	55478.92584	55712.78906	504628.5	5410066.2
L4630.0	504628.5	5410067.1	3817.39990	254.95	33.5	48.843559	-86.936916	55370.89	56277.2	-27.17	55343.72	55558.33594	55473.99281	55708.83203	504628.5	5410067.1
L4630.0	504628.5	5410067.1	3817.50000	254.75	33.5	48.843559	-86.936916	55360.53	56277.2	-27.17	55333.36	55549.62109	55469.14560	55704.96094	504628.5	5410067.1
L4630.0	504628.5	5410068.0	3817.60010	253.93	40.82	48.843567	-86.936916	55351.40	56277.2	-27.17	55324.23	55542.12109	55464.28533	55701.07031	504628.5	5410068.0
L4630.0	504628.5	5410068.9	3817.69995	255.78	40.82	48.843575	-86.936916	55343.23	56277.2	-27.18	55316.05	55535.55859	55459.43234	55697.18750	504628.5	5410068.9
L4630.0	504628.5	5410068.9	3817.69995	255.78	39.62	48.843575	-86.936916	55335.79	56277.2	-27.18	55308.61	55529.72266	55454.60220	55693.32031	504628.5	5410068.9
L4630.0	504628.6	5410070.5	3817.80005	255.37	36.15	48.843589	-86.936916	55326.53	56277.2	-27.18	55299.35	55522.05469	55449.96701	55689.64844	504628.6	5410070.5
L4630.0	504628.6	5410071.3	3818.00000	256.12	36.15	48.843597	-86.936916	55319.48	56277.2	-27.19	55292.29	55516.57422	55445.26012	55685.90234	504628.6	5410071.3
L4630.0	504628.6	5410071.3	3818.10010	254.64	39.2	48.843597	-86.936916	55311.34	56277.2	-27.19	55284.15	55510.00391	55440.70138	55682.30469	504628.6	5410071.3
L4630.0	504628.6	5410072.5	3818.19995	255.89	30.68	48.843607	-86.936916	55303.56	56277.2	-27.20	55276.36	55503.76953	55436.19657	55678.75391	504628.6	5410072.5
L4630.0	504628.6	5410073.3	3818.30005	255.58	30.68	48.843614	-86.936915	55297.23	56277.2	-27.20	55270.03	55498.98047	55431.67266	55675.18359	504628.6	5410073.3
L4630.0	504628.6	5410073.3	3818.39990	255.53	30.17	48.843614	-86.936915	55290.70	56277.2	-27.21	55263.49	55493.97266	55427.24183	55671.70703	504628.6	5410073.3
L4630.0	504628.6	5410074.2	3818.50000	257.05	30.84	48.843623	-86.936915	55285.48	56277.2	-27.21	55258.27	55490.26953	55422.80282	55668.22266	504628.6	5410074.2
L4630.0	504628.6	5410074.2	3818.60010	256.48	32.15	48.843623	-86.936915	55279.07	56277.2	-27.21	55251.86	55485.36719	55418.52358	55664.89844	504628.6	5410074.2
L4630.0	504628.6	5410075.4	3818.69995	258.34	35.65	48.843633	-86.936915	55271.82	56277.2	-27.22	55244.60	55479.59766	55414.38194	55661.70703	504628.6	5410075.4
L4630.0	504628.6	5410076.2	3818.80005	256.08	35.65	48.843641	-86.936915	55267.09	56277.2	-27.22	55239.86	55476.33984	55410.15361	55658.42969	504628.6	5410076.2
L4630.0	504628.6	5410076.2	3818.89990	255.46	33.41	48.843641	-86.936915	55261.35	56277.2	-27.23	55234.12	55472.06641	55406.07353	55655.30078	504628.6	5410076.2
L4630.0	504628.6	5410077.2	3819.00000	254.20	33.41	48.843649	-86.936915	55257.43	56277.2	-27.23	55230.20	55469.60156	55401.95385	55652.13281	504628.6	5410077.2
L4630.0	504628.6	5410078.0	3819.10010	255.87	33.06	48.843657	-86.936915	55252.62	56277.2	-27.23	55225.39	55466.23438	55397.97528	55649.10547	504628.6	5410078.0
L4630.0	504628.6	5410078.6	3819.19995	256.56	32.88	48.843662	-86.936915	55248.99	56277.2	-27.23	55221.76	55464.03516	55393.99975	55646.08203	504628.6	5410078.6
L4630.0	504628.6	5410079.2	3819.30005	256.05	34.23	48.843667	-86.936915	55243.48	56277.2	-27.23	55216.25	55459.94531	55390.23110	55643.26563	504628.6	5410079.2
L4630.0	504628.6	5410079.9	3819.39990	256.12	30.32	48.843674	-86.936915	55240.28	56277.2	-27.23	55213.04	55458.14063	55386.39036	55640.37500	504628.6	5410079.9
L4630.0	504628.6	5410079.9	3819.50000	252.39	30.32	48.843674	-86.936915	55236.40	56277.2	-27.24	55209.16	55455.65625	55382.67516	55637.61719	504628.6	5410079.9
L4630.0	504628.6	5410080.5	3819.60010	250.72	29.26	48.843679	-86.936915	55232.91	56277.2	-27.24	55205.68	55453.55859	55379.01370	55634.91016	504628.6	5410080.5
L4630.0	504628.6	5410081.5	3819.69995	252.28	29.26	48.843688	-86.936915	55230.24	56277.2	-27.24	55203.00	55452.25000	55375.37874	55632.23047	504628.6	5410081.5
L4630.0	504628.7	5410082.0	3819.69995	252.28	29.51	48.843693	-86.936915	55227.35	56277.2	-27.24	55200.11	55450.71875	55371.83693	55629.64844	504628.7	5410082.0
L4630.0	504628.7	5410082.0	3819.80005	253.29	30.72	48.843693	-86.936915	55225.32	56277.2	-27.24	55198.08	55450.03516	55368.31621	55627.08594	504628.7	5410082.0
L4630.0	504628.7	5410082.7	3820.00000	253.42	30.72	48.843699	-86.936914	55222.43	56277.2	-27.24	55195.19	55448.48047	55364.93040	55624.66406	504628.7	5410082.7
L4630.0	504628.7	5410083.4	3820.10010	253.45	28.21	48.843705	-86.936914	55220.77	56277.2	-27.24	55193.53	55448.14844	55361.53925	55622.23828	504628.7	5410083.4
L4630.0	504628.7	5410083.4	3820.19995	251.60	25.9	48.843705	-86.936914	55218.97	56277.3	-27.25	55191.72	55447.65234	55358.23379	55619.89453	504628.7	5410083.4
L4630.0	504628.7	5410084.0	3820.30005	252.74	25.9	48.843710	-86.936914	55217.52	56277.3	-27.25	55190.26	55447.49219	55354.97960	55617.60938	504628.7	5410084.0
L4630.0	504628.7	5410084.4	3820.39990	254.01	25.16	48.843714	-86.936914	55215.49	56277.3	-27.26	55188.23	55446.75781	55351.83690	55615.43750	504628.7	5410084.4
L4630.0	504628.7	5410085.0	3820.50000	254.88	25.16	48.843719	-86.936914	55213.95	56277.3	-27.26	55186.69	55446.50000	55348.73383	55613.30469	504628.7	5410085.0
L4630.0	504628.7	5410085.5	3820.60010	254.33	31.37	48.843724	-86.936914	55213.04	56277.3	-27.27	55185.77	55446.85156	55345.66047	55611.20703	504628.7	5410085.5
L4630.0	504628.7	5410085.5	3820.69995	256.26	31.37	48.843724	-86.936914	55212.22	56277.3	-27.28	55184.94	55447.28125	55342.65086	55609.17188	504628.7	5410085.5
L4630.0	504628.7	5410086.0	3820.80005	255.71	37.69	48.843729	-86.936914	55211.18	56277.3	-27.28	55183.90	55447.49219	55339.72364	55607.22656	504628.7	5410086.0
L4630.0	504628.7	5410086.8	3820.89990	254.96	35.33	48.843736	-86.936914	55210.27	56277.3	-27.29	55182.99	55447.82422	55336.85476	55605.33594	504628.7	5410086.8
L4630.0	504628.7	5410086.8	3821.00000	254.27	35.33	48.843736	-86.936914	55209.06	56277.3	-27.29	55181.77	55447.83594	55334.07209	55603.53906	504628.7	5410086.8
L4630.0	504628.7	5410087.3	3821.10010	253.76	36.38	48.843740	-86.936913	55209.26	56277.3	-27.29	55181.97	55449.26172	55331.25886	55601.71484	504628.7	5410087.3
L4630.0	504628.7	5410087.7	3821.19995	255.76	37.09	48.843744	-86.936913	55208.90	56277.3	-27.29	55181.61	55450.11328	55328.54554	55599.98828	504628.7	5410087.7
L4630.0	504628.7	5410088.2	3821.30005	255.47	37.09	48.843748	-86.936913	55208.69	56277.3	-27.29	55181.40	55451.10938	55325.88329	55598.31641	504628.7	5410088.2
L4630.0	504628.7	5410088.2	3821.39990	255.51	37.37	48.843748	-86.936913	55208.06	56277.3	-27.29	55180.77	55451.67578	55323.30854	55596.73828	504628.7	5410088.2
L4630.0	504628.7	5410088.7	3821.50000	252.91	34.14	48.843753	-86.936914	55208.21	56277.3	-27.29	55180.92	55453.01563	55320.73974	55595.16797	504628.7	5410088.7
L4630.0	504628.7	5410089.2	3821.60010	254.67	33.57	48.843757	-86.936914	55208.52	56277.3	-27.30	55181.22	55454.49609	55318.21732	55593.64453	504628.7	5410089.2
L4630.0	504628.7	5410089.5	3821.69995	257.05	33.57	48.843760	-86.936914	55207.96	56277.3	-27.30	55180.66	55455.10938	55315.80701	55592.23438	504628.7	5410089.5
L4630.0	504628.7	5410089.8	3821.69995	257.05	31.87	48.843763	-86.936914	55208.36	56277.3	-27.30	55181.07	55456.68359	55313.38523	55590.81641	504628.7	5410089.8
L4630.0	504628.7	5410090.1	3821.80005	258.06	32.14	48.843766	-86.936914	55209.21	56277.3	-27.30	55181.92	55458.69141	55310.98573	55589.42578	504628.7	5410090.1
L4630.0	504628.7	5410090.3	3822.00000	258.82	35.04	48.843768	-86.936914	55209.92	56277.3	-27.30	55182.62	55460.54688	55308.64627	55588.09375	504628.7	5410090.3
L4630.0	504628.7	5410090.7	3822.10010	260.19	35.04	48.843771	-86.936914	55210.06	56277.3	-27.30	55182.76	55461.83203	55306.39261	55586.85547	504628.7	5410090.7

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4630.0	504628.7	5410090.7	3822.19995	259.45	36.77	48.843771	-86.936914	55210.47	56277.3	-27.31	55183.17	55463.37891	55304.16785	55585.64453	504628.7	5410090.7
L4630.0	504628.7	5410091.1	3822.30005	257.05	35.61	48.843774	-86.936914	55211.10	56277.3	-27.31	55183.79	55465.13281	55301.97447	55584.46484	504628.7	5410091.1
L4630.0	504628.7	5410091.4	3822.39990	255.98	37.51	48.843777	-86.936914	55211.55	56277.3	-27.31	55184.23	55466.69922	55299.83695	55583.34766	504628.7	5410091.4
L4630.0	504628.7	5410091.7	3822.50000	253.86	37.51	48.843780	-86.936914	55211.40	56277.3	-27.32	55184.08	55467.67188	55297.78113	55582.31250	504628.7	5410091.7
L4630.0	504628.7	5410091.9	3822.60010	254.65	37.46	48.843782	-86.936914	55212.26	56277.3	-27.32	55184.94	55469.64844	55295.69889	55581.25000	504628.7	5410091.9
L4630.0	504628.7	5410092.2	3822.69995	254.57	36.09	48.843784	-86.936914	55212.17	56277.3	-27.32	55184.85	55470.67188	55293.71946	55580.29688	504628.7	5410092.2
L4630.0	504628.7	5410092.2	3822.80005	254.80	34.98	48.843784	-86.936914	55212.34	56277.3	-27.32	55185.01	55471.93750	55291.76145	55579.36328	504628.7	5410092.2
L4630.0	504628.7	5410092.4	3822.89990	254.81	34.98	48.843786	-86.936914	55212.82	56277.3	-27.33	55185.49	55473.51953	55289.81883	55578.44922	504628.7	5410092.4
L4630.0	504628.7	5410092.6	3823.00000	255.11	34.41	48.843788	-86.936914	55213.76	56277.3	-27.33	55186.43	55475.56250	55287.88096	55577.53906	504628.7	5410092.6
L4630.0	504628.7	5410092.8	3823.10010	257.07	34.24	48.843790	-86.936914	55214.33	56277.3	-27.33	55187.00	55477.23047	55285.55264	55576.24219	504628.7	5410092.8
L4630.0	504628.7	5410092.8	3823.19995	258.71	34.16	48.843790	-86.936914	55214.88	56277.3	-27.33	55187.54	55478.86328	55283.13021	55574.85156	504628.7	5410092.8
L4630.0	504628.7	5410093.1	3823.30005	260.84	34.16	48.843792	-86.936913	55214.34	56277.3	-27.34	55187.01	55479.42188	55280.79445	55573.54688	504628.7	5410093.1
L4630.0	504628.7	5410093.2	3823.39990	261.77	33.91	48.843793	-86.936913	55213.86	56277.3	-27.34	55186.52	55480.01953	55278.46742	55572.25391	504628.7	5410093.2
L4630.0	504628.7	5410093.3	3823.50000	259.85	35.84	48.843794	-86.936913	55214.11	56277.3	-27.34	55186.77	55481.35547	55276.11439	55570.93359	504628.7	5410093.3
L4630.0	504628.7	5410093.4	3823.60010	261.81	35.81	48.843795	-86.936913	55214.11	56277.3	-27.34	55186.76	55482.43359	55273.76747	55569.62500	504628.7	5410093.4
L4630.0	504628.7	5410093.5	3823.69995	263.48	35.81	48.843796	-86.936913	55212.57	56277.3	-27.34	55185.23	55481.98438	55271.44897	55568.33984	504628.7	5410093.5
L4630.0	504628.7	5410093.6	3823.69995	263.48	35.18	48.843797	-86.936913	55211.98	56277.3	-27.34	55184.64	55482.47656	55269.10829	55567.03516	504628.7	5410093.6
L4630.0	504628.8	5410093.7	3823.80005	264.72	34	48.843798	-86.936913	55211.27	56277.3	-27.35	55183.93	55482.84766	55266.77673	55565.73828	504628.8	5410093.7
L4630.0	504628.8	5410093.7	3824.00000	260.49	34	48.843798	-86.936913	55210.11	56277.3	-27.35	55182.76	55482.76172	55264.46070	55564.46094	504628.8	5410093.7
L4680.0	504678.3	5410092.8	3838.89990	258.37	26.72	48.843790	-86.936238	55101.73	56277.9	-27.93	55073.80	55373.80078	55130.92044	55430.92188	504678.3	5410092.8
L4680.0	504678.3	5410092.7	3839.00000	256.15	26.72	48.843788	-86.936238	55099.20	56277.9	-27.94	55071.26	55370.48438	55132.17075	55431.62500	504678.3	5410092.7
L4680.0	504678.3	5410092.6	3839.10010	255.08	25.58	48.843787	-86.936238	55096.46	56277.9	-27.95	55068.52	55366.96875	55133.47387	55432.37891	504678.3	5410092.6
L4680.0	504678.3	5410092.4	3839.19995	253.73	25.58	48.843786	-86.936238	55094.66	56278	-27.95	55066.70	55364.37109	55134.75108	55433.10938	504678.3	5410092.4
L4680.0	504678.3	5410092.4	3839.30005	255.44	21.53	48.843786	-86.936238	55092.82	56278	-27.96	55064.86	55361.75391	55135.75362	55433.56641	504678.3	5410092.4
L4680.0	504678.3	5410092.3	3839.39990	256.03	19.95	48.843785	-86.936238	55090.03	56278	-27.96	55062.06	55358.17188	55136.69653	55433.96484	504678.3	5410092.3
L4680.0	504678.3	5410092.1	3839.50000	255.56	19.95	48.843783	-86.936238	55087.70	56278	-27.97	55059.72	55355.05078	55137.61694	55434.33594	504678.3	5410092.1
L4680.0	504678.3	5410092.1	3839.60010	255.98	21.16	48.843783	-86.936238	55085.93	56278	-27.98	55057.95	55352.49609	55138.50886	55434.68359	504678.3	5410092.1
L4680.0	504678.3	5410091.9	3839.69995	253.71	21.18	48.843781	-86.936238	55083.70	56278	-27.98	55055.71	55349.46875	55139.44307	55435.07031	504678.3	5410091.9
L4680.0	504678.3	5410091.7	3839.69995	253.71	21.18	48.843780	-86.936237	55081.65	56278	-27.98	55053.67	55346.63672	55140.37647	55435.45703	504678.3	5410091.7
L4680.0	504678.3	5410091.5	3839.80005	255.13	22.38	48.843778	-86.936237	55079.59	56278	-27.99	55051.60	55343.77344	55141.32602	55435.86328	504678.3	5410091.5
L4680.0	504678.3	5410091.5	3840.00000	257.45	22.38	48.843778	-86.936237	55077.57	56278	-28.00	55049.57	55340.94531	55142.28881	55436.28125	504678.3	5410091.5
L4680.0	504678.4	5410091.3	3840.10010	255.71	22.64	48.843776	-86.936237	55075.57	56278	-28.01	55047.56	55338.13281	55143.26801	55436.71484	504678.4	5410091.3
L4680.0	504678.4	5410091.1	3840.19995	253.47	22.64	48.843774	-86.936236	55073.68	56278	-28.01	55045.66	55335.42578	55144.25957	55437.16406	504678.4	5410091.1
L4680.0	504678.5	5410090.8	3840.30005	254.66	23.36	48.843772	-86.936236	55071.84	56278	-28.02	55043.82	55332.77344	55145.26885	55437.62891	504678.5	5410090.8
L4680.0	504678.5	5410090.8	3840.39990	256.24	23.41	48.843772	-86.936236	55069.60	56278	-28.02	55041.57	55329.70313	55146.32933	55438.14453	504678.5	5410090.8
L4680.0	504678.5	5410090.6	3840.50000	257.34	23.41	48.843769	-86.936235	55067.04	56278	-28.03	55039.01	55326.32031	55147.43659	55438.71094	504678.5	5410090.6
L4680.0	504678.6	5410090.3	3840.60010	255.60	23.82	48.843767	-86.936234	55065.32	56278	-28.04	55037.29	55323.76953	55148.51631	55439.25000	504678.6	5410090.3
L4680.0	504678.6	5410090.1	3840.69995	255.74	24.93	48.843765	-86.936234	55062.84	56278	-28.04	55034.80	55320.44141	55149.67826	55439.86719	504678.6	5410090.1
L4680.0	504678.7	5410089.8	3840.80005	253.96	24.93	48.843762	-86.936233	55058.32	56278	-28.05	55030.27	55315.06641	55151.00964	55440.66016	504678.7	5410089.8
L4680.0	504678.7	5410089.8	3840.89990	253.07	23.5	48.843762	-86.936233	55056.42	56278.1	-28.05	55028.37	55312.31250	55152.20176	55441.30859	504678.7	5410089.8
L4680.0	504678.8	5410089.5	3841.00000	256.45	23.27	48.843760	-86.936232	55052.16	56278.1	-28.06	55024.10	55307.18359	55153.59069	55442.16016	504678.8	5410089.5
L4680.0	504678.8	5410089.1	3841.10010	258.15	23.27	48.843756	-86.936231	55048.87	56278.1	-28.07	55020.80	55303.01563	55154.95660	55442.98438	504678.8	5410089.1
L4680.0	504678.9	5410088.8	3841.19995	259.44	21.25	48.843753	-86.936230	55047.04	56278.1	-28.07	55018.96	55300.29688	55156.26973	55443.75781	504678.9	5410088.8
L4680.0	504678.9	5410088.8	3841.30005	261.01	21.28	48.843753	-86.936230	55042.90	56278.1	-28.08	55014.82	55295.26953	55157.78377	55444.73438	504678.9	5410088.8
L4680.0	504679.0	5410088.3	3841.39990	260.40	21.28	48.843749	-86.936228	55040.34	56278.1	-28.08	55012.26	55291.81641	55159.13660	55445.54688	504679.0	5410088.3
L4680.0	504679.0	5410087.8	3841.50000	259.04	21.78	48.843745	-86.936228	55035.72	56278.1	-28.09	55007.63	55286.28125	55160.62504	55446.49609	504679.0	5410087.8
L4680.0	504679.1	5410087.4	3841.60010	258.08	21.78	48.843741	-86.936227	55031.79	56278.1	-28.10	55003.70	55281.43750	55162.16136	55447.49609	504679.1	5410087.4
L4680.0	504679.1	5410087.4	3841.69995	258.20	22.32	48.843741	-86.936227	55028.59	56278.1	-28.10	55000.48	55277.29297	55163.74300	55448.53906	504679.1	5410087.4
L4680.0	504679.1	5410087.0	3841.69995	258.20	22.32	48.843737	-86.936226	55025.36	56278.1	-28.10	54997.26	55273.13672	55165.41434	55449.67188	504679.1	5410087.0
L4680.0	504679.2	5410086.6	3841.80005	259.12	23.39	48.843733	-86.936226	55018.40	56278.1	-28.11	54990.29	55265.21875	55167.40432	55451.12500	504679.2	5410086.6
L4680.0	504679.2	5410086.1	3842.00000	257.55	23.39	48.843729	-86.936225	55014.20	56278.1	-28.12	54986.08	55260.05078	55169.30224	55452.48438	504679.2	5410086.1
L4680.0	504679.2	5410086.1	3842.10010	258.03	22.64	48.843729	-86.936225	55011.39	56278.1	-28.13	54983.26	55256.26172	55171.18884	55453.83594	504679.2	5410086.1
L4680.0	504679.2	5410085.7	3842.19995	257.93	22.64	48.843726	-86.936225	55007.34	56278.1	-28.13	54979.21	55251.23047	55173.21894	55455.32813	504679.2	5410085.7
L4680.0	504679.3	5410085.3	3842.30005	256.67	23.17	48.843722	-86.936224	55004.28	56278.1	-28.14	54976.14	55247.16797	55175.24533	55456.81641	504679.3	5410085.3
L4680.0	504679.3	5410084.8	3842.39990	257.07	24.28	48.843718	-86.936224	54998.34	56278.1	-28.15	54970.19	55240.21094	55177.50150	55458.53125	504679.3	5410084.8
L4680.0	504679.3	5410084.4	3842.50000	255.62	24.28	48.843714	-86.936224	54994.04	56278.2	-28.16	54965.88	55234.88281	55179.69414	55460.18750	504679.3	5410084.4
L4680.0	504679.3	5410084.4	3842.60010	254.18	22.59	48.843714	-86.936224	54990.58	56278.2	-28.16	54962.42	55230.39453	55181.86002	55461.81250	504679.3	5410084.4
L4680.0	504679.4	5410083.8	3842.69995	256.78	22.59	48.843709	-86.936223	54986.73	56278.2	-28.17	54958.56	55225.48828	55184.09030	55463.50391	504679.4	5410083.8
L4680.0	504679.4	5410083.2	3842.80005	257.32	22.4	48.843703	-86.936223	54983.65	56278.2	-28.18	54955.48	55221.35156	55186.33321	55465.20703	504679.4	5410083.2
L4680.0	504679.4	5410082.8	3842.89990	258.33	22.23	48.843700	-86.936223	54979.32	56278.2	-28.18	54951.14	55215.94141	55188.70345	55467.03516	504679.4	5410082.8
L4680.0	504679.4	5410082.2	3843.00000	256.42	22.23	48.843694	-86.936223	54976.39	56278.2	-28.19	54948.20	55211.91797	55191.06914	55468.85938	504679.4	5410082.2
L4680.0	504679.4	5410082.2	3843.10010	255.58	22.09	48.843694	-86.936223	54973.54	56278.2	-28.20	54945.34	55207.95703	55193.52778	55470.77344	504679.4	5410082.2
L4680.0	504679.4	5410081.5	3843.19995	254.42	22.86	48.843688	-86.936222	54971.22	56278.2	-28.20	54943.02	55204.52344	55196.07557	55472.77734	504679.4	5410081.5
L4680.0	504679.5	5410080.8	3843.30005	256.61	22.86	48.843681	-86.936222	54967.22	56278.2	-28.21	54939.01	55199.38672	55198.86089	55475.01563	504679.5	5410080.8
L4680.0	504679.5	5410080.1	3843.39990	259.09	22.86	48.843675	-86.936222	54965.08	56278.2	-28.21	54936.87	55196.10547	55201.73018	55477.33594	504679.5	5410080.1
L4680.0	504679.5	5410079.3	3843.50000	260.37	26.88	48.843668	-86.936222	54961.70	56278.2	-28.22	54933.48	55191.55859	55204.86669	55479.92578	504679.5	5410079.3
L4680.0	504679.5	5410079.3	3843.60010	260.69	27.12	48.843668	-86.936222	54958.47	56278.2	-28.23	54930.25	55187.15625	55208.23804	55482.74219	504679.5	5410079.3
L4680.0	504679.5	5410078.6	3843.69995	258.71	27.12	48.843662	-86.936221	54954.92	56278.2	-28.23	54926.69	55182.40625	55211.87113	55485.82031	504679.5	5410078.6
L4680.0	504679.5	5410077.7	3843.69995	258.71	26.87	48.843654	-86.936221	54954.02	56278.2	-28.23	54925.79	55180.30469	55215.61078	55489.00391	504679.5	5410077.7
L4680.0	504679.5	5410077.7	3843.80005	258.75	24.75	48.843654	-86.936221	54954.27	56278.2	-28.24	54926.04	55179.33594	55219.51404	55492.35156	504679.5	5410077.7
L4680.0	504679.5	5410077.0	3844.00000	262.66	24.75	48.843647	-86.936221	54954.47	56278.3	-28.25	54926.22	55178.28516	55223.62649	55495.90234	504679.5	5410077.0
L4680.0	504679.5	5410076.4	3844.10010	262.05	24.16	48.843642	-86.936221	54955.32	56278.3	-28.26	54927.06	55177.87500	55227.89468	55499.60547	504679.5	5410076.4
L4680.0	504679.5	5410075.8	3844.19995	259.51	24.16	48.843636	-86.936221	54956.96	56278.3	-28.26	54928.70	55178.25000	55232.27849	55503.42188	504679.5	5410075.8
L4680.0	504679.6	5410075.1	3844.30005	258.48	23.29	48.843630	-86.936221	54960.14	56278.3	-28.27	54931.87	55180.14063	55236.71408	55507.28516	504679.6	5410075.1
L4680.0	504679.6	5410075.1	3844.39990	259.27	24.57	48.843630	-86.936221	54961.90	56278.3	-28.27	54933.63	55180.60156	55241.35472	55511.35156	504679.6	5410075.1
L4680.0	504679.6	5410074.3	3844.50000	257.60	24.57	48.843623	-86.936221	54963.54	56278.3	-28.28	54935.26	55180.92188	55246.12396	55515.53906	504679.6	5410074.3
L4680.0	504679.6	5410073.5	3844.60010	257.95	24.37	48.843616	-86.936221	54968.64	56278.3	-28.29	54940.36	55184.69141	55250.78076	55519.61328	504679.6	5410073.5
L4680.0	504679.6	5410072.6	3844.69995	256.80	24.37	48.843608	-86.936221	54973.51	56278.3	-28.29	54945.22	55188.20703	55255.53215	55523.77734	504679.6	5410072.6
L4680.0	504679.6	5410071.8	3844.80005	256.55	23.51	48.843601	-86.936221	54978.50	56278.3	-28.30	54950.21	55191.83594	55260.35436	55528.00781	504679.6	5410071.8
L4680.0	504679.6	5410071.8	3844.89990	254.41	23.01	48.843601	-86.936221	54984.79	56278.3	-28.30	54956.49	55196.73828	55265.16357	55532.22266	504679.6	5410071.8
L4680.0	504679.5	5410071.1	3845.00000	255.54	21.87	48.843594	-86.936221	54991.53	56278.3	-28.31	54963.22	55202.07422	55270.01552	55536.47266	504679.5	5410071.1
L4680.0	504679.5	5410070.3	3845.10010	255.07	21.87	48.843587	-86.936221	54998.79	56278.3	-28.32	54970.47	55207.91406	55274.89938	55540.74609	504679.5	5410070.3
L4680.0	504679.5	5410069.5	3845.19995	256.14	22.85	48.843579	-86.936221	55006.84	56278.3	-28.32	54978.52	55214.53906	55279.78177	55545.01563	504679.5	5410069.5
L4680.0	504679.5	5410068.6	3845.30005	256.71	22.85	48.843572	-86.936221	55016.54	56278.3	-28.33	54988.20	55222.77344	55284.59868	55549.21484	504679.5	5410068.6
L4680.0	504679.5	5410067.6	3845.39990	258.00	22.05	48.843563	-86.936222	55025.61	56278.3	-28.34	54997.27	55230.38672	55289.47881	55553.46875	504679.5	5410067.6
L4680.0	504679.5	5410067.6	3845.50000	258.74	21.19	48.843563	-86.936222	55036.29	56278.3	-28.35	55007.95	55239.59375	55294.27048	55557.63281	504679.5	5410067.6
L4680.0	504679.5	5410066.5	3845.60010	259.23	21.19	48.843553	-86.936222	55048.22	56278.4	-28.35	55019.87	55250.01953	55298.99158	55561.71484	504679.5	5410066.5
L4680.0	504679.5	5410065.9	3845.69995	258.81	19.36	48.843548	-86.936222	55057.07	56278.4	-28.36	55028.72	55257.36328	55303.91174	55565.98828	504679.5	5410065.9
L4680.0	504679.5	5410065.0	3845.69995	258.81	19.36	48.843540	-86.936222	55069.60	56278.4	-28.36	55041.24	55268.35938	55308.69023	55570.11719	504679.5	5410065.0
L4680.0	504679.5	5410064.1	3845.80005	259.25	21.66	48.843531	-86.936222	55083.10	56278.4	-28.37	55054.73	55280.30859	55313.48585	55574.25391	504679.5	5410064.1
L4680.0	504679.5	5410064.1	3846.00000	260.00	24.11	48.843531	-86.936222	55097.75	56278.4	-28.38	55069.37	55293.39453	55318.34733	55578.44531	504679.5	5410064.1
L4680.0	504679.4	5410063.0	3846.10010	258.14	22.26	48.843522	-86.936223	55113.29	56278.4	-28.38	55084.91	55307.36328	55323.34338	55582.76953	504679.4	5410063.0
L4680.0	504679.4	5410062.1	3846.19995	258.27	22.26	48.843514	-86.936223	55128.63	56278.4	-28.39	55100.25	55321.11719	55328.56080	55587.30078	504679.4	5410062.1

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4680.0	504679.4	5410062.1	3846.30005	258.29	22.24	48.843514	-86.936223	55145.01	56278.4	-28.39	55116.62	55335.88281	55333.99334	55592.04297	504679.4	5410062.1
L4680.0	504679.4	5410061.2	3846.39990	260.14	22.55	48.843505	-86.936223	55160.62	56278.4	-28.40	55132.22	55349.86719	55339.71250	55597.05859	504679.4	5410061.2
L4680.0	504679.4	5410060.2	3846.50000	259.42	22.55	48.843496	-86.936223	55175.52	56278.4	-28.40	55147.12	55363.13281	55345.70957	55602.34766	504679.4	5410060.2
L4680.0	504679.4	5410059.4	3846.60010	258.97	24.51	48.843489	-86.936223	55192.32	56278.4	-28.40	55163.91	55378.27344	55351.93164	55607.85156	504679.4	5410059.4
L4680.0	504679.4	5410058.3	3846.69995	258.31	26.16	48.843479	-86.936223	55209.92	56278.4	-28.41	55181.51	55394.21094	55358.39758	55613.58594	504679.4	5410058.3
L4680.0	504679.4	5410058.0	3846.80005	258.47	28.1	48.843476	-86.936224	55227.48	56278.4	-28.41	55199.07	55410.09375	55365.09942	55619.55078	504679.4	5410058.0
L4680.0	504679.4	5410056.7	3846.89990	257.74	28.1	48.843464	-86.936224	55245.90	56278.4	-28.42	55217.48	55426.80859	55371.98196	55625.68359	504679.4	5410056.7
L4680.0	504679.3	5410055.7	3847.00000	257.55	25.95	48.843456	-86.936224	55264.70	56278.4	-28.42	55236.28	55443.90234	55379.01962	55631.96484	504679.3	5410055.7
L4680.0	504679.3	5410055.7	3847.10010	257.71	26.41	48.843456	-86.936224	55282.90	56278.4	-28.43	55254.48	55460.38281	55386.19732	55638.37109	504679.3	5410055.7
L4680.0	504679.3	5410054.7	3847.19995	260.27	27.09	48.843447	-86.936224	55301.86	56278.4	-28.43	55273.43	55477.59766	55393.45029	55644.84375	504679.3	5410054.7
L4680.0	504679.3	5410053.7	3847.30005	261.86	27.09	48.843438	-86.936224	55319.62	56278.4	-28.44	55291.18	55493.59766	55400.80029	55651.40234	504679.3	5410053.7
L4680.0	504679.3	5410052.6	3847.39990	263.18	26.96	48.843427	-86.936224	55338.14	56278.4	-28.45	55309.70	55510.35547	55408.17443	55657.97266	504679.3	5410052.6
L4680.0	504679.3	5410051.7	3847.50000	261.48	25.6	48.843420	-86.936224	55357.75	56278.5	-28.46	55329.29	55528.16797	55415.53905	55664.52344	504679.3	5410051.7
L4680.0	504679.3	5410050.7	3847.60010	259.07	26.91	48.843411	-86.936224	55375.63	56278.5	-28.46	55347.16	55544.25000	55422.96774	55671.12500	504679.3	5410050.7
L4680.0	504679.3	5410050.7	3847.69995	259.28	26.91	48.843411	-86.936224	55393.43	56278.5	-28.47	55364.96	55560.25000	55430.39738	55677.71875	504679.3	5410050.7
L4680.0	504679.3	5410049.9	3847.69995	259.28	21.33	48.843403	-86.936224	55412.46	56278.5	-28.47	55383.99	55577.46484	55437.75787	55684.22656	504679.3	5410049.9
L4680.0	504679.3	5410049.0	3847.80005	260.06	19.82	48.843396	-86.936224	55432.09	56278.5	-28.48	55403.61	55595.25781	55445.05055	55690.65625	504679.3	5410049.0
L4680.0	504679.3	5410047.8	3848.00000	256.74	21.65	48.843385	-86.936224	55451.40	56278.5	-28.49	55422.91	55612.72266	55452.30205	55697.03516	504679.3	5410047.8
L4680.0	504679.3	5410046.8	3848.10010	255.19	21.65	48.843376	-86.936225	55469.85	56278.5	-28.50	55441.35	55629.31250	55459.53069	55703.37500	504679.3	5410046.8
L4680.0	504679.3	5410046.8	3848.19995	254.52	24.6	48.843376	-86.936225	55487.61	56278.5	-28.50	55459.10	55645.20313	55466.72144	55709.66406	504679.3	5410046.8
L4680.0	504679.3	5410045.7	3848.30005	255.62	30.48	48.843366	-86.936225	55505.23	56278.5	-28.51	55476.72	55660.94922	55473.83076	55715.85938	504679.3	5410045.7
L4680.0	504679.3	5410044.5	3848.39990	257.03	30.48	48.843355	-86.936225	55524.03	56278.5	-28.51	55495.52	55677.86719	55480.82765	55721.92969	504679.3	5410044.5
L4680.0	504679.2	5410043.2	3848.50000	255.81	33.31	48.843344	-86.936225	55542.12	56278.5	-28.52	55513.60	55694.05859	55487.87534	55728.03516	504679.2	5410043.2
L4680.0	504679.2	5410042.5	3848.60010	256.35	34.34	48.843337	-86.936226	55559.61	56278.5	-28.53	55531.09	55709.64844	55494.95974	55734.16406	504679.2	5410042.5
L4680.0	504679.2	5410042.5	3848.69995	256.06	31.27	48.843337	-86.936226	55577.01	56278.5	-28.53	55548.48	55725.12500	55502.04326	55740.28125	504679.2	5410042.5
L4680.0	504679.2	5410041.3	3848.80005	256.43	31.27	48.843326	-86.936226	55594.68	56278.5	-28.54	55566.14	55740.86328	55509.09647	55746.35156	504679.2	5410041.3
L4680.0	504679.2	5410040.2	3848.89990	256.06	19.58	48.843316	-86.936226	55610.79	56278.5	-28.54	55582.24	55755.03516	55516.23671	55752.49609	504679.2	5410040.2
L4680.0	504679.2	5410039.5	3849.00000	256.10	19.58	48.843310	-86.936226	55626.80	56278.6	-28.55	55598.25	55769.10938	55523.36148	55758.61328	504679.2	5410039.5
L4680.0	504679.2	5410038.6	3849.10010	256.23	23.72	48.843301	-86.936227	55642.47	56278.6	-28.56	55613.92	55782.83594	55530.48308	55764.71094	504679.2	5410038.6
L4680.0	504679.1	5410037.5	3849.19995	256.69	26.01	48.843292	-86.936227	55658.38	56278.6	-28.56	55629.82	55796.78125	55537.55930	55770.74609	504679.1	5410037.5
L4680.0	504679.1	5410036.3	3849.30005	256.75	32.78	48.843282	-86.936227	55674.77	56278.6	-28.57	55646.21	55811.21094	55544.56875	55776.70313	504679.1	5410036.3
L4680.0	504679.1	5410035.2	3849.39990	255.66	32.78	48.843272	-86.936228	55688.60	56278.6	-28.57	55660.03	55823.06641	55551.71154	55782.78125	504679.1	5410035.2
L4680.0	504679.1	5410035.2	3849.50000	256.51	29.52	48.843272	-86.936228	55704.59	56278.6	-28.57	55676.01	55837.07813	55558.66860	55788.65625	504679.1	5410035.2
L4680.0	504679.0	5410034.1	3849.60010	254.37	31.7	48.843262	-86.936228	55718.49	56278.6	-28.58	55689.91	55849.00000	55565.71906	55794.60938	504679.0	5410034.1
L4680.0	504679.0	5410032.2	3849.69995	253.63	33.43	48.843245	-86.936229	55731.82	56278.6	-28.58	55703.23	55860.33594	55572.75952	55800.54297	504679.0	5410032.2
L4680.0	504679.0	5410032.2	3849.69995	253.63	33.43	48.843245	-86.936229	55745.86	56278.6	-28.58	55717.27	55872.38672	55579.70009	55806.35547	504679.0	5410032.2
L4680.0	504679.0	5410031.3	3849.80005	251.75	29.49	48.843236	-86.936229	55759.77	56278.6	-28.59	55731.18	55884.30469	55586.59442	55812.11328	504679.0	5410031.3
L4680.0	504679.0	5410030.3	3850.00000	252.51	29.49	48.843228	-86.936229	55772.74	56278.6	-28.60	55744.14	55895.26953	55593.49429	55817.85938	504679.0	5410030.3
L4680.0	504679.0	5410029.4	3850.10010	252.63	29	48.843219	-86.936230	55784.86	56278.6	-28.61	55756.25	55905.38281	55600.39035	55823.58594	504679.0	5410029.4
L4680.0	504678.9	5410028.1	3850.19995	250.78	29	48.843207	-86.936230	55797.53	56278.6	-28.62	55768.92	55916.05078	55607.18609	55829.19922	504678.9	5410028.1
L4680.0	504678.9	5410027.7	3850.30005	248.13	28.69	48.843204	-86.936230	55809.07	56278.6	-28.62	55780.45	55925.57422	55613.99248	55834.80859	504678.9	5410027.7
L4680.0	504678.9	5410026.4	3850.39990	249.32	28.69	48.843193	-86.936230	55819.06	56278.6	-28.63	55790.42	55933.53906	55620.83535	55840.44141	504678.9	5410026.4
L4680.0	504678.9	5410025.3	3850.50000	253.00	30.71	48.843182	-86.936231	55830.37	56278.6	-28.64	55801.73	55942.83984	55627.51936	55845.89844	504678.9	5410025.3
L4680.0	504678.9	5410025.3	3850.60010	251.75	27.42	48.843182	-86.936231	55843.26	56278.6	-28.65	55814.61	55953.71094	55634.02733	55851.16797	504678.9	5410025.3
L4680.0	504678.9	5410024.1	3850.69995	252.84	27.71	48.843172	-86.936231	55852.60	56278.7	-28.66	55823.94	55961.03125	55640.69891	55856.58594	504678.9	5410024.1
L4680.0	504678.8	5410023.0	3850.80005	253.52	30.57	48.843162	-86.936231	55862.21	56278.7	-28.66	55833.55	55968.63281	55647.27725	55861.89844	504678.8	5410023.0
L4680.0	504678.8	5410022.0	3850.89990	254.16	30.57	48.843153	-86.936231	55872.56	56278.7	-28.67	55843.89	55976.96094	55653.73097	55867.07031	504678.8	5410022.0
L4680.0	504678.8	5410020.9	3851.00000	256.61	37.71	48.843143	-86.936232	55883.36	56278.7	-28.68	55854.68	55985.74609	55660.07753	55872.12109	504678.8	5410020.9
L4680.0	504678.8	5410019.7	3851.10010	258.22	33.96	48.843132	-86.936232	55892.64	56278.7	-28.69	55863.95	55993.00781	55666.44718	55877.17969	504678.8	5410019.7
L4680.0	504678.8	5410018.6	3851.19995	257.64	31.52	48.843122	-86.936232	55899.32	56278.7	-28.70	55870.62	55997.67188	55672.91100	55882.32422	504678.8	5410018.6
L4680.0	504678.8	5410018.6	3851.30005	257.16	31.52	48.843122	-86.936232	55909.48	56278.7	-28.71	55880.77	56005.82031	55679.06286	55887.13672	504678.8	5410018.6
L4680.0	504678.8	5410017.2	3851.39990	254.86	31.52	48.843109	-86.936232	55917.10	56278.7	-28.72	55888.38	56011.43359	55685.30343	55892.03125	504678.8	5410017.2
L4680.0	504678.8	5410016.0	3851.50000	255.06	38.34	48.843099	-86.936232	55925.55	56278.7	-28.72	55896.82	56017.87891	55691.40751	55896.77344	504678.8	5410016.0
L4680.0	504678.8	5410014.9	3851.60010	253.63	34.09	48.843088	-86.936232	55933.82	56278.7	-28.73	55905.09	56024.15625	55697.44135	55901.43359	504678.8	5410014.9
L4680.0	504678.8	5410013.9	3851.69995	254.10	34.09	48.843079	-86.936232	55941.89	56278.7	-28.74	55913.14	56030.21875	55703.40800	55906.01172	504678.8	5410013.9
L4680.0	504678.8	5410013.9	3851.69995	254.10	31.22	48.843079	-86.936232	55949.32	56278.7	-28.74	55920.58	56035.67578	55709.33327	55910.53516	504678.8	5410013.9
L4680.0	504678.8	5410012.5	3851.80005	254.81	31.22	48.843067	-86.936232	55955.32	56278.8	-28.75	55926.57	56039.68750	55715.27309	55915.06641	504678.8	5410012.5
L4680.0	504678.8	5410010.3	3852.00000	254.20	37.75	48.843047	-86.936232	55963.39	56278.8	-28.77	55934.62	56045.76953	55720.99348	55919.36328	504678.8	5410010.3
L4680.0	504678.8	5410010.3	3852.10010	254.50	39.02	48.843047	-86.936232	55969.48	56278.8	-28.78	55940.70	56049.88281	55726.76322	55923.69531	504678.8	5410010.3
L4680.0	504678.8	5410009.0	3852.19995	255.51	39.02	48.843036	-86.936232	55976.34	56278.8	-28.79	55947.55	56054.77734	55732.39986	55927.88672	504678.8	5410009.0
L4680.0	504678.8	5410008.0	3852.30005	255.99	38.52	48.843027	-86.936232	55982.84	56278.8	-28.79	55954.05	56059.32813	55737.97836	55932.00781	504678.8	5410008.0
L4680.0	504678.8	5410008.0	3852.39990	257.07	39.08	48.843027	-86.936232	55989.09	56278.8	-28.80	55960.28	56063.61328	55743.49377	55936.05469	504678.8	5410008.0
L4680.0	504678.8	5410006.6	3852.50000	258.67	38.94	48.843014	-86.936233	55994.30	56278.8	-28.81	55965.49	56066.89063	55748.99654	55940.07813	504678.8	5410006.6
L4680.0	504678.8	5410005.4	3852.60010	257.35	38.94	48.843003	-86.936233	55999.03	56278.8	-28.82	55970.21	56069.68750	55754.45185	55944.04297	504678.8	5410005.4
L4680.0	504678.7	5410004.4	3852.69995	256.93	35.03	48.842994	-86.936233	56005.23	56278.8	-28.83	55976.40	56073.96094	55759.72962	55947.82422	504678.7	5410004.4
L4680.0	504678.7	5410003.2	3852.80005	257.39	35.03	48.842983	-86.936233	56010.84	56278.8	-28.83	55982.01	56077.66406	55764.96716	55951.55078	504678.7	5410003.2
L4680.0	504678.7	5410002.4	3852.89990	255.33	35.03	48.842976	-86.936233	56016.91	56278.8	-28.84	55988.07	56081.83203	55770.09650	55955.16016	504678.7	5410002.4
L4680.0	504678.7	5410002.4	3853.00000	253.78	39.71	48.842976	-86.936233	56020.75	56278.8	-28.85	55991.90	56083.77734	55775.29706	55958.83594	504678.7	5410002.4
L4680.0	504678.7	5410000.9	3853.10010	254.52	39.61	48.842963	-86.936233	56025.09	56278.9	-28.86	55996.23	56086.23438	55780.38764	55962.39063	504678.7	5410000.9
L4680.0	504678.7	5410000.1	3853.19995	255.41	39.61	48.842956	-86.936233	56030.27	56278.9	-28.87	56001.40	56089.54297	55785.34640	55965.80469	504678.7	5410000.1
L4680.0	504678.7	5409998.7	3853.30005	256.39	37.33	48.842943	-86.936233	56035.76	56278.9	-28.88	56006.88	56093.17188	55790.20954	55969.11328	504678.7	5409998.7
L4680.0	504678.7	5409997.6	3853.39990	256.53	40.22	48.842933	-86.936234	56040.69	56278.9	-28.89	56011.80	56096.25391	55795.03597	55972.38281	504678.7	5409997.6
L4680.0	504678.7	5409996.0	3853.50000	254.25	37.38	48.842918	-86.936234	56044.14	56278.9	-28.90	56015.24	56097.87109	55799.88795	55975.66406	504678.7	5409996.0
L4680.0	504678.7	5409996.0	3853.60010	253.89	40.06	48.842918	-86.936234	56048.89	56278.9	-28.91	56019.98	56100.80078	55804.58111	55978.78516	504678.7	5409996.0
L4680.0	504678.6	5409994.2	3853.69995	253.95	40.15	48.842903	-86.936234	56052.30	56278.9	-28.92	56023.38	56102.40234	55809.29241	55981.91406	504678.6	5409994.2
L4680.0	504678.6	5409993.0	3853.69995	253.95	40.16	48.842892	-86.936234	56056.13	56278.9	-28.92	56027.21	56104.44922	55813.90484	55984.94141	504678.6	5409993.0
L4680.0	504678.6	5409993.0	3853.80005	254.55	40.08	48.842892	-86.936234	56060.77	56278.9	-28.93	56031.84	56107.30859	55818.39475	55987.83594	504678.6	5409993.0
L4680.0	504678.6	5409991.7	3854.00000	255.56	39.94	48.842880	-86.936234	56065.68	56278.9	-28.95	56036.73	56110.44531	55822.79913	55990.64453	504678.6	5409991.7
L4680.0	504678.6	5409990.5	3854.10010	254.33	39.94	48.842869	-86.936235	56068.89	56279	-28.96	56039.94	56111.91797	55827.24835	55993.48828	504678.6	5409990.5
L4680.0	504678.6	5409989.4	3854.19995	254.48	40.12	48.842860	-86.936235	56070.71	56279	-28.97	56041.75	56112.00391	55831.72474	55996.35938	504678.6	5409989.4
L4680.0	504678.6	5409988.1	3854.30005	254.56	34.83	48.842848	-86.936235	56075.34	56279	-28.98	56046.36	56114.90625	55835.94934	55998.96875	504678.6	5409988.1
L4680.0	504678.6	5409987.1	3854.39990	253.32	34.81	48.842838	-86.936235	56080.10	56279	-28.99	56051.11	56117.96484	55840.10048	56001.50391	504678.6	5409987.1
L4680.0	504678.6	5409986.5	3854.50000	254.59	40.25	48.842833	-86.936235	56083.08	56279	-28.99	56054.09	56119.27344	55844.30651	56004.09375	504678.6	5409986.5
L4680.0	504678.6	5409985.0	3854.60010	252.84	28.51	48.842819	-86.936235	56086.78	56279	-29.00	56057.77	56121.29688	55848.40376	56006.56641	504678.6	5409985.0
L4680.0	504678.6	5409983.3	3854.69995	250.95	34.46	48.842804	-86.936235	56089.28	56279	-29.01	56060.27	56122.15625	55852.51855	56009.05859	504678.6	5409983.3
L4680.0	504678.6	5409983.3	3854.80005	251.35	34.46	48.842804	-86.936235	56092.14	56279	-29.02	56063.12	56123.38281	55856.54985	56011.46094	504678.6	5409983.3
L4680.0	504678.6	5409982.0	3854.89990	253.31	34.18	48.842792	-86.936235	56096.60	56279	-29.03	56067.57	56126.23047	55860.41529	56013.69922	504678.6	5409982.0
L4680.0	504678.6	5409981.1	3855.00000	256.18	35.24	48.842785	-86.936236	56099.60	56279	-29.04	56070.56	56127.63281	55864.31980	56015.97266	504678.6	5409981.1
L4680.0	504678.5	5409979.9	3855.10010	255.51	33	48.842774	-86.936236	56103.09	56279	-29.05	56074.05	56129.55469	55868.13365	56018.15625	504678.5	5409979.9
L4680.0	504678.5	5409978.6	3855.19995	255.28	36.5	48.842762	-86.936236	56105.37	56279.1	-29.05	56076.31	56130.26563	55871.97307	56020.36719	504678.5	5409978.6
L4680.0	504678.5	5409978.6	3855.30005	254.35	36.5	48.842762	-86.936236	56108.71	56279.1	-29.06	56079.65	56132.07813	55875.68494	56022.44922	504678.5	5409978.6
L4680.0	504678.5	5409976.7	3855.39990	253.99	36.95	48.842745	-86.936236	56112.83	56279.1	-29.06	56083.76	56134.67578	55879.29076	56024.42188	504678.5	5409976.7
L4680.0	504678.5	5409975.4	3855.50000	255.15	36.7	48.842733	-86.936236	56116.15	56279.1	-29.07	56087.08	56136.50781	55882.89539	56026.39844	504678.5	5409975.4

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4680.0	504678.5	5409975.4	3855.60010	255.89	36.29	48.842733	-86.936236	56119.28	56279.1	-29.08	56090.20	56138.15625	55886.46028	56028.33594	504678.5	5409975.4
L4680.0	504678.5	5409973.9	3855.69995	257.78	36.29	48.842720	-86.936236	56122.11	56279.1	-29.08	56093.03	56139.53516	55889.99222	56030.24219	504678.5	5409973.9
L4680.0	504678.6	5409972.8	3855.69995	257.78	39.98	48.842710	-86.936236	56125.16	56279.1	-29.08	56096.08	56141.15234	55893.45795	56032.08203	504678.6	5409972.8
L4680.0	504678.6	5409971.5	3855.80005	257.31	39.98	48.842698	-86.936235	56128.44	56279.1	-29.09	56099.35	56143.01563	55896.85820	56033.86328	504678.6	5409971.5
L4680.0	504678.6	5409971.5	3856.00000	253.04	39.98	48.842698	-86.936235	56131.32	56279.1	-29.10	56102.22	56144.49609	55900.23499	56035.62109	504678.6	5409971.5
L4680.0	504678.6	5409970.4	3856.10010	253.05	39.59	48.842688	-86.936235	56135.56	56279.1	-29.11	56106.45	56147.35547	55903.47166	56037.24609	504678.6	5409970.4
L4680.0	504678.6	5409968.3	3856.19995	252.96	38.53	48.842669	-86.936235	56137.09	56279.1	-29.12	56107.96	56147.51953	55906.84084	56039.00391	504678.6	5409968.3
L4680.0	504678.6	5409967.4	3856.30005	252.67	38.53	48.842662	-86.936235	56138.79	56279.1	-29.14	56109.65	56147.87891	55910.14980	56040.70703	504678.6	5409967.4
L4680.0	504678.6	5409966.1	3856.39990	252.02	39.83	48.842650	-86.936235	56142.47	56279.1	-29.15	56113.32	56150.24609	55913.27912	56042.23438	504678.6	5409966.1
L4680.0	504678.6	5409966.1	3856.50000	251.64	39.77	48.842650	-86.936235	56146.35	56279.2	-29.16	56117.19	56152.83203	55916.34802	56043.70703	504678.6	5409966.1
L4680.0	504678.6	5409964.6	3856.60010	254.68	39.07	48.842636	-86.936235	56149.61	56279.2	-29.17	56120.43	56154.80859	55919.41233	56045.18359	504678.6	5409964.6
L4680.0	504678.6	5409963.3	3856.69995	256.95	39.07	48.842624	-86.936235	56152.90	56279.2	-29.18	56123.72	56156.85547	55922.42722	56046.61328	504678.6	5409963.3
L4680.0	504678.6	5409962.0	3856.80005	256.83	39.37	48.842613	-86.936235	56155.02	56279.2	-29.20	56125.82	56157.73828	55925.47582	56048.08594	504678.6	5409962.0
L4680.0	504678.6	5409960.7	3856.89990	255.30	31.75	48.842601	-86.936235	56156.22	56279.2	-29.21	56127.01	56157.73047	55928.53987	56049.57813	504678.6	5409960.7
L4680.0	504678.6	5409959.8	3857.00000	255.05	31.75	48.842593	-86.936235	56159.40	56279.2	-29.22	56130.18	56159.72266	55931.42712	56050.90234	504678.6	5409959.8
L4680.0	504678.6	5409959.8	3857.10010	255.19	25.31	48.842593	-86.936235	56162.89	56279.2	-29.23	56133.66	56162.05078	55934.24926	56052.16797	504678.6	5409959.8
L4680.0	504678.6	5409958.5	3857.19995	256.46	25.2	48.842582	-86.936235	56166.23	56279.2	-29.24	56136.99	56164.24609	55937.03731	56053.41016	504678.6	5409958.5
L4680.0	504678.6	5409957.3	3857.30005	254.94	26.53	48.842571	-86.936235	56170.07	56279.2	-29.25	56140.82	56166.96875	55939.74825	56054.58203	504678.6	5409957.3
L4680.0	504678.6	5409956.3	3857.39990	255.51	26.53	48.842561	-86.936235	56172.58	56279.3	-29.26	56143.32	56168.37891	55942.50435	56055.80859	504678.6	5409956.3
L4680.0	504678.6	5409955.0	3857.50000	254.06	37.64	48.842550	-86.936235	56173.58	56279.3	-29.26	56144.32	56168.31250	55945.31722	56057.10156	504678.6	5409955.0
L4680.0	504678.6	5409953.3	3857.60010	252.59	37.64	48.842534	-86.936235	56176.20	56279.3	-29.27	56146.93	56169.87891	55947.97975	56058.25391	504678.6	5409953.3
L4680.0	504678.6	5409953.3	3857.69995	253.60	35.21	48.842534	-86.936235	56180.92	56279.3	-29.28	56151.64	56173.56641	55950.45949	56059.23047	504678.6	5409953.3
L4680.0	504678.6	5409951.9	3857.69995	253.60	35.21	48.842522	-86.936235	56182.67	56279.3	-29.28	56153.39	56174.31641	55953.09394	56060.37500	504678.6	5409951.9
L4680.0	504678.6	5409951.1	3857.80005	255.18	32.71	48.842514	-86.936235	56184.17	56279.3	-29.29	56154.88	56174.82813	55955.70326	56061.50391	504678.6	5409951.1
L4680.0	504678.6	5409949.5	3858.00000	254.63	32.13	48.842501	-86.936235	56188.59	56279.3	-29.31	56159.28	56178.27344	55958.07625	56062.41016	504678.6	5409949.5
L4680.0	504678.7	5409948.4	3858.10010	252.29	32.62	48.842491	-86.936235	56191.22	56279.3	-29.32	56161.90	56179.96094	55960.52569	56063.40234	504678.7	5409948.4
L4680.0	504678.7	5409947.0	3858.19995	252.88	32.62	48.842478	-86.936235	56192.14	56279.3	-29.33	56162.81	56179.95703	55963.04699	56064.47656	504678.7	5409947.0
L4680.0	504678.7	5409947.0	3858.30005	253.99	30.66	48.842478	-86.936235	56195.22	56279.3	-29.34	56165.88	56182.13672	55965.38223	56065.37891	504678.7	5409947.0
L4680.0	504678.7	5409944.4	3858.39990	257.82	30.03	48.842454	-86.936234	56199.44	56279.3	-29.35	56170.09	56185.47656	55967.59944	56066.17188	504678.7	5409944.4
L4680.0	504678.7	5409944.4	3858.50000	257.12	30.03	48.842454	-86.936234	56200.53	56279.4	-29.36	56171.17	56185.71094	55969.98331	56067.14844	504678.7	5409944.4
L4680.0	504678.7	5409943.5	3858.60010	256.91	22.76	48.842447	-86.936234	56203.01	56279.4	-29.37	56173.64	56187.35547	55972.23252	56068.00000	504678.7	5409943.5
L4680.0	504678.7	5409942.1	3858.69995	256.49	30.15	48.842434	-86.936234	56205.84	56279.4	-29.38	56176.46	56189.37109	55974.41638	56068.80078	504678.7	5409942.1
L4680.0	504678.7	5409940.6	3858.80005	255.38	31.47	48.842420	-86.936234	56208.68	56279.4	-29.39	56179.29	56191.41797	55976.55753	56069.57422	504678.7	5409940.6
L4680.0	504678.7	5409940.6	3858.89990	254.99	31.47	48.842420	-86.936234	56211.20	56279.4	-29.40	56181.80	56193.16797	55978.67792	56070.33594	504678.7	5409940.6
L4680.0	504678.7	5409938.8	3859.00000	254.84	31.58	48.842404	-86.936234	56211.94	56279.4	-29.41	56182.53	56193.15625	55980.87483	56071.19141	504678.7	5409938.8
L4680.0	504678.7	5409937.7	3859.10010	256.95	31.02	48.842394	-86.936234	56214.73	56279.4	-29.42	56185.31	56195.21875	55982.89283	56071.88281	504678.7	5409937.7
L4680.0	504678.7	5409936.6	3859.19995	257.20	31.34	48.842384	-86.936234	56217.61	56279.4	-29.43	56188.18	56197.38672	55984.86251	56072.53906	504678.7	5409936.6
L4680.0	504678.7	5409935.3	3859.19995	257.20	31.34	48.842372	-86.936234	56219.72	56279.4	-29.43	56190.29	56198.82031	55986.84042	56073.21484	504678.7	5409935.3
L4680.0	504678.7	5409935.3	3859.39990	256.36	33.48	48.842372	-86.936234	56222.32	56279.4	-29.45	56192.87	56200.74219	55988.74446	56073.83594	504678.7	5409935.3
L4680.0	504678.7	5409932.5	3859.39990	255.54	32.62	48.842347	-86.936234	56224.35	56279.4	-29.45	56194.90	56202.13281	55990.64251	56074.46484	504678.7	5409932.5
L4680.0	504678.7	5409931.8	3859.60010	257.53	32.62	48.842341	-86.936234	56226.46	56279.5	-29.46	56196.99	56203.60547	55992.49375	56075.06250	504678.7	5409931.8
L4680.0	504678.7	5409930.7	3859.60010	255.91	30.17	48.842332	-86.936234	56229.09	56279.5	-29.46	56199.62	56205.63672	55994.26607	56075.59766	504678.7	5409930.7
L4680.0	504678.7	5409930.7	3859.69995	253.96	30.83	48.842332	-86.936234	56229.26	56279.5	-29.47	56199.79	56205.23047	55996.15930	56076.26563	504678.7	5409930.7
L4680.0	504678.7	5409929.1	3859.80005	253.96	30.83	48.842317	-86.936234	56232.44	56279.5	-29.48	56202.96	56207.83984	55997.80932	56076.70703	504678.7	5409929.1
L4680.0	504678.7	5409928.0	3859.80005	254.18	32.82	48.842307	-86.936234	56233.84	56279.5	-29.48	56204.36	56208.70313	55999.53397	56077.24219	504678.7	5409928.0
L4680.0	504678.7	5409926.6	3860.00000	254.66	32.82	48.842295	-86.936234	56235.41	56279.5	-29.50	56205.91	56209.73047	56001.20509	56077.73828	504678.7	5409926.6
L4680.0	504678.7	5409925.8	3860.10010	254.66	29.05	48.842287	-86.936234	56239.02	56279.5	-29.51	56209.51	56212.82813	56002.69590	56078.07031	504678.7	5409925.8
L4680.0	504678.7	5409924.5	3860.19995	253.63	30.36	48.842275	-86.936234	56240.70	56279.5	-29.52	56211.18	56214.01563	56004.27156	56078.50391	504678.7	5409924.5
L4680.0	504678.7	5409923.6	3860.30005	253.63	28.85	48.842267	-86.936234	56243.36	56279.5	-29.53	56213.83	56216.20313	56005.73795	56078.84375	504678.7	5409923.6
L4680.0	504678.8	5409922.1	3860.39990	253.31	28.85	48.842254	-86.936233	56244.96	56279.5	-29.54	56215.43	56217.35547	56007.23028	56079.22656	504678.8	5409922.1
L4680.0	504678.8	5409922.1	3860.60010	253.64	34.92	48.842254	-86.936233	56247.11	56279.6	-29.55	56217.55	56219.04688	56008.64376	56079.54688	504678.8	5409922.1
L4680.0	504678.8	5409920.1	3860.69995	254.18	34.92	48.842236	-86.936233	56248.18	56279.6	-29.56	56218.62	56219.70703	56010.08296	56079.90625	504678.8	5409920.1
L4680.0	504678.8	5409920.1	3860.80005	252.78	31.57	48.842236	-86.936233	56249.25	56279.6	-29.57	56219.67	56220.36328	56011.47910	56080.24609	504678.8	5409920.1
L4680.0	504678.8	5409918.5	3860.89990	253.35	34.68	48.842222	-86.936233	56251.52	56279.6	-29.58	56221.94	56222.25781	56012.74946	56080.47266	504678.8	5409918.5
L4680.0	504678.8	5409917.1	3861.00000	253.10	34.68	48.842208	-86.936233	56252.56	56279.6	-29.59	56222.97	56222.92578	56014.05796	56080.75391	504678.8	5409917.1
L4680.0	504678.8	5409915.9	3861.10010	252.83	34.86	48.842198	-86.936233	56253.29	56279.6	-29.60	56223.69	56223.30469	56015.34258	56081.03125	504678.8	5409915.9
L4680.0	504678.8	5409914.8	3861.19995	252.59	35.47	48.842188	-86.936233	56253.39	56279.6	-29.61	56223.78	56223.06641	56016.62462	56081.32031	504678.8	5409914.8
L4680.0	504678.8	5409913.7	3861.30005	253.96	35.38	48.842178	-86.936233	56256.32	56279.6	-29.62	56226.70	56225.67578	56017.67341	56081.39844	504678.8	5409913.7
L4680.0	504678.8	5409913.7	3861.39990	254.54	35.38	48.842178	-86.936233	56257.38	56279.6	-29.63	56227.75	56226.43359	56018.80232	56081.57031	504678.8	5409913.7
L4680.0	504678.8	5409910.9	3861.50000	253.51	35.38	48.842153	-86.936233	56257.64	56279.6	-29.63	56228.01	56226.41406	56019.93940	56081.76563	504678.8	5409910.9
L4680.0	504678.8	5409910.9	3861.60010	253.02	32.05	48.842153	-86.936233	56258.71	56279.6	-29.64	56229.07	56227.21094	56020.97872	56081.88281	504678.8	5409910.9
L4680.0	504678.8	5409909.5	3861.69995	252.02	32.05	48.842141	-86.936233	56259.82	56279.7	-29.65	56230.17	56228.06250	56021.97104	56081.96875	504678.8	5409909.5
L4680.0	504678.8	5409908.0	3861.69995	252.02	32.29	48.842127	-86.936233	56259.54	56279.7	-29.65	56229.89	56227.55078	56023.01116	56082.12109	504678.8	5409908.0
L4680.0	504678.8	5409908.0	3861.80005	254.37	32.29	48.842127	-86.936233	56259.31	56279.7	-29.66	56229.65	56227.08984	56024.00457	56082.24609	504678.8	5409908.0
L4680.0	504678.8	5409905.4	3862.00000	255.48	30.65	48.842104	-86.936232	56260.13	56279.7	-29.68	56230.45	56227.68750	56024.88478	56082.26953	504678.8	5409905.4
L4680.0	504678.8	5409905.4	3862.10010	257.69	31.77	48.842104	-86.936232	56260.71	56279.7	-29.69	56231.02	56228.06641	56025.73667	56082.28516	504678.8	5409905.4
L4680.0	504678.8	5409903.8	3862.19995	257.56	31.77	48.842089	-86.936233	56260.32	56279.7	-29.69	56230.63	56227.49609	56026.60913	56082.33984	504678.8	5409903.8
L4680.0	504678.8	5409902.2	3862.30005	256.66	31.26	48.842075	-86.936233	56260.91	56279.7	-29.70	56231.21	56227.91406	56027.37377	56082.30078	504678.8	5409902.2
L4680.0	504678.8	5409902.2	3862.39990	257.81	31.79	48.842075	-86.936233	56259.77	56279.7	-29.71	56230.06	56226.61328	56028.21087	56082.35547	504678.8	5409902.2
L4680.0	504678.8	5409900.7	3862.50000	257.22	31.79	48.842062	-86.936233	56259.16	56279.7	-29.71	56229.44	56225.85547	56028.97008	56082.34375	504678.8	5409900.7
L4680.0	504678.8	5409899.0	3862.60010	255.30	30.67	48.842046	-86.936233	56258.51	56279.7	-29.72	56228.79	56225.07813	56029.68907	56082.31250	504678.8	5409899.0
L4680.0	504678.8	5409899.0	3862.69995	254.55	30.67	48.842046	-86.936233	56258.90	56279.7	-29.73	56229.17	56225.34375	56030.29753	56082.18750	504678.8	5409899.0
L4680.0	504678.8	5409897.4	3862.80005	255.73	29.14	48.842032	-86.936233	56258.26	56279.7	-29.74	56228.52	56224.59375	56030.93320	56082.10547	504678.8	5409897.4
L4680.0	504678.8	5409895.6	3862.89990	256.95	29.14	48.842015	-86.936233	56256.98	56279.7	-29.74	56227.24	56223.22266	56031.56979	56082.04297	504678.8	5409895.6
L4680.0	504678.8	5409895.6	3863.00000	257.21	30.84	48.842015	-86.936233	56255.88	56279.8	-29.75	56226.13	56222.03516	56032.15443	56081.94531	504678.8	5409895.6
L4680.0	504678.8	5409893.7	3863.10010	255.46	30.84	48.841999	-86.936233	56254.23	56279.8	-29.76	56224.47	56220.30859	56032.73554	56081.85938	504678.8	5409893.7
L4680.0	504678.8	5409892.1	3863.19995	255.23	30.3	48.841984	-86.936234	56254.25	56279.8	-29.77	56224.48	56220.26172	56033.16559	56081.63672	504678.8	5409892.1
L4680.0	504678.8	5409890.7	3863.30005	254.54	30.3	48.841971	-86.936234	56254.48	56279.8	-29.78	56224.70	56220.43359	56033.54241	56081.37891	504678.8	5409890.7
L4680.0	504678.8	5409890.7	3863.39990	255.23	30.27	48.841971	-86.936234	56252.47	56279.8	-29.79	56222.68	56218.37891	56034.02983	56081.25000	504678.8	5409890.7
L4680.0	504678.8	5409889.5	3863.50000	254.64	32.04	48.841961	-86.936234	56249.68	56279.8	-29.80	56219.88	56215.55078	56034.53103	56081.14844	504678.8	5409889.5
L4680.0	504678.7	5409887.6	3863.60010	254.12	32.04	48.841944	-86.936234	56249.45	56279.8	-29.81	56219.64	56215.29688	56034.82386	56080.85547	504678.7	5409887.6
L4680.0	504678.7	5409886.2	3863.69995	254.18	29.28	48.841931	-86.936234	56249.64	56279.8	-29.82	56219.82	56215.46875	56035.05155	56080.51563	504678.7	5409886.2
L4680.0	504678.7	5409884.8	3863.69995	254.18	29.28	48.841919	-86.936234	56249.35	56279.8	-29.82	56219.53	56215.17969	56035.27398	56080.18359	504678.7	5409884.8
L4680.0	504678.7	5409884.8	3863.80005	255.06	25.39	48.841919	-86.936234	56245.66	56279.8	-29.83	56215.83	56211.48828	56035.68771	56080.05859	504678.7	5409884.8
L4680.0	504678.7	5409883.0	3864.00000	255.41	25.39	48.841902	-86.936235	56243.96	56279.8	-29.85	56214.11	56209.78906	56035.93400	56079.78125	504678.7	5409883.0
L4680.0	504678.7	5409881.3	3864.10010	255.93	23.87	48.841887	-86.936235	56244.56	56279.9	-29.86	56214.70	56210.40625	56035.99143	56079.33203	504678.7	5409881.3
L4680.0	504678.7	5409881.3	3864.19995	254.44	23.87	48.841887	-86.936235	56242.31	56279.9	-29.87	56212.45	56208.19141	56036.20393	56079.05469	504678.7	5409881.3
L4680.0	504678.7	5409879.7	3864.30005	252.88	24.93	48.841873	-86.936235	56241.03	56279.9	-29.88	56211.15	56206.93359	56036.31946	56078.69141	504678.7	5409879.7
L4680.0	504678.7	5409878.5	3864.39990	251.83	26.03	48.841862	-86.936235	56240.75	56279.9	-29.89	56210.86	56206.69141	56036.33464	56078.24609	504678.7	5409878.5
L4680.0	504678.7	5409877.2	3864.50000	253.16	26.03	48.841850	-86.936235	56238.59	56279.9	-29.90	56208.69	56204.57813	56036.44276	56077.90625	504678.7	5409877.2
L4680.0	504678.7	5409876.2	3864.60010	254.44	26.55	48.841841	-86.936235	56237.25	56279.9	-29.90	56207.35	56203.30078	56036.46382	56077.49219	504678.7	5409876.2
L4680.0	504678.7	5409875.0	3864.69995	254.08	26.55	48.841830	-86.936235	56235.82	56279.9	-29.91	56205.91	56201.92969	56036.46045	56077.07031	504678.7	5409875.0
L4680.0	504678.7	5409875.0	3864.80005	254.17	26.04	48.841830	-86.936235	56234.91	56279.9	-29.92	56204.98	56201.07813	56036.39268	56076.59766	504678.7	5409875.0

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4680.0	504678.6	5409873.6	3864.89990	253.67	26.46	48.841817	-86.936236	56233.68	56279.9	-29.93	56203.75	56199.92969	56036.31518	56076.13281	504678.6	5409873.6
L4680.0	504678.6	5409872.2	3865.00000	252.62	25.36	48.841805	-86.936236	56230.86	56279.9	-29.94	56200.92	56197.18750	56036.31533	56075.75391	504678.6	5409872.2
L4680.0	504678.6	5409870.8	3865.10010	253.13	25.36	48.841792	-86.936236	56229.12	56280	-29.95	56199.17	56195.53125	56036.21515	56075.29297	504678.6	5409870.8
L4680.0	504678.6	5409870.8	3865.19995	253.78	21.76	48.841792	-86.936236	56227.82	56280	-29.96	56197.86	56194.32031	56036.05806	56074.78516	504678.6	5409870.8
L4680.0	504678.6	5409869.0	3865.30005	253.98	21.76	48.841777	-86.936236	56226.43	56280	-29.97	56196.46	56193.02344	56035.88012	56074.27344	504678.6	5409869.0
L4680.0	504678.6	5409867.9	3865.39990	253.35	27.93	48.841766	-86.936236	56225.32	56280	-29.98	56195.34	56192.01172	56035.65744	56073.72656	504678.6	5409867.9
L4680.0	504678.6	5409866.4	3865.50000	252.98	28.79	48.841753	-86.936237	56221.18	56280	-29.99	56191.19	56187.97266	56035.61146	56073.37109	504678.6	5409866.4
L4680.0	504678.6	5409865.0	3865.60010	254.11	28.79	48.841740	-86.936237	56219.83	56280	-30.00	56189.83	56186.73047	56035.35497	56072.81641	504678.6	5409865.0
L4680.0	504678.5	5409863.5	3865.69995	257.09	29.93	48.841727	-86.936237	56219.06	56280	-30.01	56189.05	56186.07031	56035.03613	56072.21094	504678.5	5409863.5
L4680.0	504678.5	5409862.3	3865.69995	257.09	29.93	48.841716	-86.936237	56216.27	56280	-30.01	56186.26	56183.40625	56034.82843	56071.73047	504678.5	5409862.3
L4680.0	504678.5	5409862.3	3865.80005	255.50	27.47	48.841716	-86.936237	56212.43	56280	-30.02	56182.41	56179.68359	56034.66942	56071.31250	504678.5	5409862.3
L4680.0	504678.5	5409860.5	3866.00000	252.44	27.47	48.841700	-86.936237	56212.02	56280	-30.04	56181.98	56179.38281	56034.26128	56070.65234	504678.5	5409860.5
L4680.0	504678.5	5409859.1	3866.10010	252.65	29.56	48.841687	-86.936238	56211.38	56280	-30.05	56181.33	56178.86719	56033.84761	56070.00391	504678.5	5409859.1
L4680.0	504678.5	5409857.8	3866.19995	254.28	26.43	48.841675	-86.936238	56205.11	56280.1	-30.05	56175.05	56172.72266	56033.78997	56069.71875	504678.5	5409857.8
L4680.0	504678.5	5409857.8	3866.30005	255.50	24.08	48.841675	-86.936238	56203.08	56280.1	-30.06	56173.02	56170.83203	56033.43064	56069.14453	504678.5	5409857.8
L4680.0	504678.5	5409855.9	3866.39990	255.32	24.08	48.841659	-86.936238	56202.65	56280.1	-30.06	56172.59	56170.54688	56032.94727	56068.45703	504678.5	5409855.9
L4680.0	504678.5	5409854.8	3866.50000	253.74	25.04	48.841648	-86.936238	56200.73	56280.1	-30.07	56170.66	56168.75781	56032.54749	56067.86328	504678.5	5409854.8
L4680.0	504678.5	5409854.8	3866.60010	253.99	28.15	48.841648	-86.936238	56196.45	56280.1	-30.08	56166.37	56164.61719	56032.28966	56067.42578	504678.5	5409854.8
L4680.0	504678.4	5409852.2	3866.69995	254.19	28.15	48.841625	-86.936239	56193.81	56280.1	-30.08	56163.73	56162.12109	56031.90746	56066.87109	504678.4	5409852.2
L4680.0	504678.4	5409852.2	3866.80005	255.44	27.06	48.841625	-86.936239	56192.07	56280.1	-30.09	56161.98	56160.51953	56031.45262	56066.25391	504678.4	5409852.2
L4680.0	504678.4	5409850.8	3866.89990	255.55	28.9	48.841613	-86.936239	56190.14	56280.1	-30.09	56160.05	56158.74219	56030.99754	56065.64453	504678.4	5409850.8
L4680.0	504678.4	5409849.6	3867.00000	253.60	28.9	48.841601	-86.936239	56185.83	56280.1	-30.10	56155.73	56154.57422	56030.69063	56065.19531	504678.4	5409849.6
L4680.0	504678.4	5409848.1	3867.10010	252.64	31.11	48.841588	-86.936239	56181.23	56280.1	-30.11	56151.13	56150.12500	56030.39234	56064.76172	504678.4	5409848.1
L4680.0	504678.4	5409846.9	3867.19995	253.22	31.11	48.841577	-86.936239	56179.33	56280.1	-30.12	56149.21	56148.35938	56029.90646	56064.15234	504678.4	5409846.9
L4680.0	504678.4	5409846.9	3867.30005	254.57	33.06	48.841577	-86.936239	56177.00	56280.1	-30.12	56146.88	56146.17969	56029.44011	56063.57031	504678.4	5409846.9
L4680.0	504678.4	5409845.1	3867.39990	257.29	29.24	48.841562	-86.936239	56175.30	56280.1	-30.13	56145.17	56144.62500	56028.92580	56062.94922	504678.4	5409845.1
L4680.0	504678.5	5409843.6	3867.50000	257.96	29.24	48.841548	-86.936239	56169.57	56280.1	-30.14	56139.43	56139.03906	56028.67468	56062.60156	504678.5	5409843.6
L4680.0	504678.5	5409843.6	3867.60010	255.92	25.96	48.841548	-86.936239	56166.25	56280.1	-30.15	56136.11	56135.87500	56028.25792	56062.09375	504678.5	5409843.6
L4680.0	504678.5	5409840.7	3867.69995	253.50	25.96	48.841521	-86.936238	56165.24	56280.2	-30.16	56135.08	56135.00000	56027.68537	56061.44141	504678.5	5409840.7
L4680.0	504678.5	5409840.7	3867.69995	253.50	32.31	48.841521	-86.936238	56161.88	56280.2	-30.16	56131.73	56131.80078	56027.26556	56060.94531	504678.5	5409840.7
L4680.0	504678.5	5409839.2	3867.80005	252.71	26.82	48.841508	-86.936238	56157.32	56280.2	-30.16	56127.16	56127.38672	56026.92634	56060.53906	504678.5	5409839.2
L4680.0	504678.5	5409837.6	3868.00000	251.67	26.82	48.841494	-86.936238	56152.82	56280.2	-30.18	56122.64	56123.01953	56026.58424	56060.14063	504678.5	5409837.6
L4680.0	504678.5	5409837.6	3868.10010	251.64	30.79	48.841494	-86.936238	56150.87	56280.2	-30.19	56120.68	56121.21094	56026.07312	56059.57813	504678.5	5409837.6
L4680.0	504678.5	5409836.1	3868.19995	250.05	30.79	48.841481	-86.936238	56148.63	56280.2	-30.20	56118.43	56119.10938	56025.58417	56059.04297	504678.5	5409836.1
L4680.0	504678.5	5409834.5	3868.30005	250.22	32.5	48.841466	-86.936238	56146.25	56280.2	-30.20	56116.04	56116.87109	56025.10857	56058.52734	504678.5	5409834.5
L4680.0	504678.5	5409833.3	3868.39990	252.99	31.51	48.841455	-86.936238	56142.30	56280.2	-30.21	56112.08	56113.05859	56024.74283	56058.13281	504678.5	5409833.3
L4680.0	504678.5	5409831.9	3868.50000	253.72	31.51	48.841442	-86.936238	56138.76	56280.2	-30.22	56108.54	56109.66797	56024.35545	56057.71875	504678.5	5409831.9
L4680.0	504678.5	5409831.9	3868.60010	254.18	33.4	48.841442	-86.936238	56136.68	56280.2	-30.23	56106.46	56107.73438	56023.87826	56057.22266	504678.5	5409831.9
L4680.0	504678.5	5409828.5	3868.69995	251.95	33.4	48.841412	-86.936238	56133.06	56280.2	-30.24	56102.83	56104.25000	56023.51304	56056.84375	504678.5	5409828.5
L4680.0	504678.5	5409828.5	3868.80005	250.55	32.83	48.841412	-86.936238	56129.25	56280.2	-30.24	56099.00	56100.56250	56023.17093	56056.49219	504678.5	5409828.5
L4680.0	504678.5	5409826.6	3868.89990	250.37	32.83	48.841395	-86.936238	56126.67	56280.3	-30.25	56096.42	56098.12109	56022.75635	56056.07813	504678.5	5409826.6
L4680.0	504678.5	5409826.6	3869.00000	252.72	32.77	48.841395	-86.936238	56124.06	56280.3	-30.26	56093.80	56095.64063	56022.35638	56055.67969	504678.5	5409826.6
L4680.0	504678.5	5409825.2	3869.10010	254.48	32.77	48.841382	-86.936238	56121.82	56280.3	-30.27	56091.55	56093.52734	56021.94473	56055.27734	504678.5	5409825.2
L4680.0	504678.5	5409823.2	3869.19995	255.45	33.11	48.841364	-86.936238	56118.72	56280.3	-30.28	56088.44	56090.55469	56021.60442	56054.94922	504678.5	5409823.2
L4680.0	504678.5	5409821.6	3869.30005	255.37	33.11	48.841350	-86.936238	56116.83	56280.3	-30.28	56086.54	56088.78516	56021.19843	56054.55859	504678.5	5409821.6
L4680.0	504678.5	5409821.6	3869.39990	255.54	33.63	48.841350	-86.936238	56113.06	56280.3	-30.29	56082.77	56085.14844	56020.93307	56054.31641	504678.5	5409821.6
L4680.0	504678.5	5409820.4	3869.50000	256.64	33.63	48.841339	-86.936238	56109.34	56280.3	-30.30	56079.04	56081.54688	56020.68190	56054.08984	504678.5	5409820.4
L4680.0	504678.5	5409819.0	3869.60010	256.25	35.55	48.841326	-86.936238	56108.33	56280.3	-30.31	56078.02	56080.65234	56020.26783	56053.70703	504678.5	5409819.0
L4680.0	504678.5	5409819.0	3869.69995	256.90	38.32	48.841326	-86.936238	56107.19	56280.3	-30.32	56076.87	56079.62500	56019.88102	56053.35547	504678.5	5409819.0
L4680.0	504678.5	5409817.1	3869.69995	256.90	38.32	48.841309	-86.936238	56104.94	56280.3	-30.32	56074.62	56077.49219	56019.58694	56053.09766	504678.5	5409817.1
L4680.0	504678.5	5409815.6	3869.80005	256.44	38.08	48.841296	-86.936237	56102.19	56280.3	-30.32	56071.86	56074.85156	56019.34702	56052.89844	504678.5	5409815.6
L4680.0	504678.6	5409814.2	3870.00000	253.55	36.31	48.841283	-86.936237	56100.54	56280.3	-30.34	56070.20	56073.30859	56019.05465	56052.65234	504678.6	5409814.2
L4680.0	504678.6	5409812.8	3870.10010	254.74	36.31	48.841271	-86.936237	56098.36	56280.3	-30.35	56068.01	56071.23047	56018.81915	56052.46484	504678.6	5409812.8
L4680.0	504678.6	5409812.8	3870.19995	256.53	36.43	48.841271	-86.936237	56096.69	56280.4	-30.36	56066.33	56069.66016	56018.57182	56052.26563	504678.6	5409812.8
L4680.0	504678.6	5409810.5	3870.30005	256.31	36.43	48.841250	-86.936237	56095.51	56280.4	-30.36	56065.14	56068.57422	56018.31456	56052.06250	504678.6	5409810.5
L4680.0	504678.6	5409810.5	3870.39990	253.82	36.23	48.841250	-86.936237	56093.22	56280.4	-30.37	56062.85	56066.39063	56018.15389	56051.95703	504678.6	5409810.5
L4680.0	504678.6	5409809.4	3870.50000	255.30	36.23	48.841240	-86.936237	56091.84	56280.4	-30.38	56061.46	56065.10156	56017.95696	56051.82031	504678.6	5409809.4
L4680.0	504678.6	5409807.9	3870.60010	255.23	35.31	48.841226	-86.936237	56091.51	56280.4	-30.39	56061.12	56064.85547	56017.71419	56051.63672	504678.6	5409807.9
L4680.0	504678.6	5409806.2	3870.69995	258.25	36.61	48.841211	-86.936237	56090.57	56280.4	-30.40	56060.17	56064.00000	56017.53661	56051.52344	504678.6	5409806.2
L4680.0	504678.6	5409804.7	3870.80005	257.97	36.61	48.841198	-86.936237	56087.64	56280.4	-30.40	56057.24	56061.16016	56017.51589	56051.56641	504678.6	5409804.7
L4680.0	504678.6	5409803.2	3870.89990	257.02	37.59	48.841184	-86.936237	56087.16	56280.4	-30.41	56056.74	56060.75000	56017.35827	56051.47656	504678.6	5409803.2
L4680.0	504678.6	5409803.2	3871.00000	255.22	37.59	48.841184	-86.936237	56088.42	56280.4	-30.42	56058.00	56062.09375	56017.10866	56051.29688	504678.6	5409803.2
L4680.0	504678.6	5409801.5	3871.10010	253.91	39.3	48.841169	-86.936237	56086.07	56280.4	-30.43	56055.64	56059.81641	56017.12587	56051.38281	504678.6	5409801.5
L4680.0	504678.6	5409801.5	3871.19995	252.78	39.3	48.841169	-86.936237	56085.18	56280.4	-30.44	56054.75	56059.00391	56017.07068	56051.39844	504678.6	5409801.5
L4680.0	504678.6	5409798.2	3871.30005	253.41	38.71	48.841140	-86.936237	56085.79	56280.4	-30.45	56055.34	56059.67188	56016.94250	56051.34375	504678.6	5409798.2
L4680.0	504678.6	5409798.2	3871.39990	253.95	41.78	48.841140	-86.936237	56085.64	56280.5	-30.46	56055.19	56059.59375	56016.88933	56051.36328	504678.6	5409798.2
L4680.0	504678.6	5409796.4	3871.50000	253.91	41.78	48.841123	-86.936237	56084.43	56280.5	-30.46	56053.96	56058.42969	56016.93380	56051.48438	504678.6	5409796.4
L4680.0	504678.6	5409796.4	3871.60010	253.29	42.29	48.841123	-86.936237	56085.34	56280.5	-30.47	56054.86	56059.39453	56016.86183	56051.48438	504678.6	5409796.4
L4680.0	504678.6	5409794.7	3871.69995	253.29	43.33	48.841108	-86.936237	56086.07	56280.5	-30.48	56055.58	56060.17969	56016.82729	56051.52734	504678.6	5409794.7
L4680.0	504678.6	5409793.0	3871.69995	253.29	43.33	48.841092	-86.936238	56085.62	56280.5	-30.48	56055.13	56059.78516	56016.89601	56051.67188	504678.6	5409793.0
L4680.0	504678.6	5409793.0	3871.80005	253.49	42.13	48.841092	-86.936238	56085.96	56280.5	-30.49	56055.47	56060.18359	56016.93709	56051.79297	504678.6	5409793.0
L4680.0	504678.6	5409791.2	3872.00000	255.41	32.5	48.841076	-86.936238	56087.25	56280.5	-30.51	56056.74	56061.50391	56016.94095	56051.87109	504678.6	5409791.2
L4680.0	504678.5	5409789.9	3872.10010	256.21	32.5	48.841065	-86.936238	56087.46	56280.5	-30.52	56056.94	56061.75391	56017.04062	56052.05078	504678.5	5409789.9
L4680.0	504678.5	5409789.9	3872.19995	254.88	34.51	48.841065	-86.936238	56087.56	56280.5	-30.53	56057.03	56061.89063	56017.17176	56052.25781	504678.5	5409789.9
L4680.0	504678.5	5409788.1	3872.30005	255.95	34.51	48.841048	-86.936238	56088.02	56280.5	-30.53	56057.48	56062.38281	56017.30267	56052.46484	504678.5	5409788.1
L4680.0	504678.5	5409786.7	3872.39990	257.38	39.36	48.841036	-86.936238	56089.18	56280.5	-30.54	56058.64	56063.58203	56017.40961	56052.65234	504678.5	5409786.7
L4680.0	504678.5	5409785.3	3872.50000	257.52	37.87	48.841023	-86.936238	56090.39	56280.6	-30.55	56059.84	56064.81641	56017.53681	56052.85547	504678.5	5409785.3
L4680.0	504678.5	5409783.8	3872.60010	257.16	37.87	48.841010	-86.936238	56091.58	56280.6	-30.56	56061.02	56066.03125	56017.68782	56053.08203	504678.5	5409783.8
L4680.0	504678.5	5409782.7	3872.69995	256.76	39.78	48.841000	-86.936238	56091.86	56280.6	-30.57	56061.30	56066.33984	56017.92080	56053.39453	504678.5	5409782.7
L4680.0	504678.5	5409781.4	3872.80005	256.60	39.78	48.840988	-86.936238	56093.84	56280.6	-30.57	56063.26	56068.32422	56018.06324	56053.60938	504678.5	5409781.4
L4680.0	504678.5	5409781.4	3872.89990	259.64	39.93	48.840988	-86.936238	56093.69	56280.6	-30.58	56063.11	56068.19922	56018.36727	56053.98828	504678.5	5409781.4
L4680.0	504678.5	5409779.8	3873.00000	260.55	38.51	48.840973	-86.936238	56095.24	56280.6	-30.59	56064.65	56069.76172	56018.57901	56054.27734	504678.5	5409779.8
L4680.0	504678.5	5409778.3	3873.10010	260.19	38.51	48.840960	-86.936238	56096.99	56280.6	-30.60	56066.39	56071.51953	56018.79721	56054.56641	504678.5	5409778.3
L4680.0	504678.5	5409776.5	3873.19995	257.48	31.43	48.840944	-86.936238	56097.66	56280.6	-30.61	56067.05	56072.19141	56019.10663	56054.94922	504678.5	5409776.5
L4680.0	504678.5	5409775.4	3873.30005	255.07	33.39	48.840935	-86.936238	56099.20	56280.6	-30.62	56068.59	56073.74219	56019.37599	56055.29297	504678.5	5409775.4
L4680.0	504678.5	5409775.4	3873.39990	254.24	35.35	48.840935	-86.936238	56099.63	56280.6	-30.63	56069.00	56074.16406	56019.73870	56055.72656	504678.5	5409775.4
L4680.0	504678.5	5409773.7	3873.50000	254.33	33.53	48.840919	-86.936238	56101.42	56280.6	-30.63	56070.78	56075.94922	56020.02747	56056.08203	504678.5	5409773.7
L4680.0	504678.5	5409772.2	3873.60010	254.03	33.53	48.840905	-86.936238	56103.52	56280.6	-30.64	56072.88	56078.05078	56020.31168	56056.43750	504678.5	5409772.2
L4680.0	504678.5	5409771.0	3873.69995	255.01	34.59	48.840894	-86.936238	56105.09	56280.7	-30.65	56074.43	56079.60156	56020.64870	56056.83984	504678.5	5409771.0
L4680.0	504678.5	5409771.0	3873.69995	255.01	34.59	48.840894	-86.936238	56105.75	56280.7	-30.65	56075.09	56080.25781	56021.06058	56057.31641	504678.5	5409771.0
L4680.0	504678.5	5409769.5	3873.80005	253.32	32.91	48.840881	-86.936238	56106.69	56280.7	-30.66	56076.03	56081.19531	56021.46868	56057.78906	504678.5	5409769.5
L4680.0	504678.6	5409768.0	3874.00000	252.39	37.84	48.840867	-86.936238	56108.43	56280.7	-30.68	56077.75	56082.90625	56021.83905	56058.22266	504678.6	5409768.0
L4680.0	504678.6	5409766.8	3874.10010	252.44	30.45	48.840857	-86.936238	56110.50	56280.7	-30.69	56079.81	56084.95703	56022.20040	56058.64453	504678.6	5409766.8

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4680.0	504678.6	5409765.5	3874.19995	251.05	30.45	48.840845	-86.936238	56111.36	56280.7	-30.70	56080.66	56085.79297	56022.65545	56059.16016	504678.6	5409765.5
L4680.0	504678.6	5409765.5	3874.30005	251.99	31.23	48.840845	-86.936238	56113.59	56280.7	-30.71	56082.88	56088.00000	56023.03159	56059.59375	504678.6	5409765.5
L4680.0	504678.6	5409762.6	3874.39990	253.66	32.28	48.840819	-86.936238	56114.44	56280.7	-30.72	56083.72	56088.82031	56023.51155	56060.13281	504678.6	5409762.6
L4680.0	504678.6	5409762.6	3874.50000	251.30	32.72	48.840819	-86.936238	56113.57	56280.7	-30.73	56082.84	56087.92188	56024.11740	56060.79297	504678.6	5409762.6
L4680.0	504678.6	5409761.1	3874.60010	251.96	31.92	48.840806	-86.936238	56115.91	56280.7	-30.74	56085.17	56090.23047	56024.51989	56061.24609	504678.6	5409761.1
L4680.0	504678.6	5409759.8	3874.69995	253.65	29.43	48.840794	-86.936238	56118.66	56280.8	-30.75	56087.91	56092.94531	56024.90511	56061.68359	504678.6	5409759.8
L4680.0	504678.6	5409758.5	3874.80005	254.97	29.43	48.840782	-86.936238	56120.06	56280.8	-30.76	56089.30	56094.30859	56025.38984	56062.21875	504678.6	5409758.5
L4680.0	504678.6	5409757.5	3874.89990	253.20	32.59	48.840773	-86.936238	56120.84	56280.8	-30.77	56090.07	56095.05078	56025.92486	56062.80078	504678.6	5409757.5
L4680.0	504678.6	5409756.2	3875.00000	251.50	32.59	48.840761	-86.936238	56121.59	56280.8	-30.78	56090.81	56095.76172	56026.47030	56063.39063	504678.6	5409756.2
L4680.0	504678.6	5409754.8	3875.10010	252.51	36.25	48.840749	-86.936238	56122.21	56280.8	-30.79	56091.43	56096.34766	56027.03164	56063.99609	504678.6	5409754.8
L4680.0	504678.6	5409754.8	3875.19995	254.00	36.25	48.840749	-86.936238	56124.31	56280.8	-30.80	56093.51	56098.39453	56027.50302	56064.51172	504678.6	5409754.8
L4680.0	504678.6	5409752.1	3875.30005	255.84	30.48	48.840725	-86.936238	56126.32	56280.8	-30.81	56095.51	56100.35547	56027.98663	56065.03516	504678.6	5409752.1
L4680.0	504678.6	5409752.1	3875.39990	254.42	31.02	48.840725	-86.936238	56127.71	56280.8	-30.82	56096.90	56101.71094	56028.51732	56065.60156	504678.6	5409752.1
L4680.0	504678.6	5409750.5	3875.50000	255.34	22.63	48.840710	-86.936238	56128.41	56280.8	-30.82	56097.59	56102.35938	56029.10060	56066.22266	504678.6	5409750.5
L4680.0	504678.6	5409749.3	3875.60010	255.69	22.63	48.840699	-86.936238	56129.05	56280.8	-30.83	56098.21	56102.93750	56029.69403	56066.84766	504678.6	5409749.3
L4680.0	504678.6	5409747.5	3875.69995	255.22	24.15	48.840683	-86.936238	56129.70	56280.8	-30.84	56098.86	56103.54688	56030.29050	56067.47656	504678.6	5409747.5
L4680.0	504678.5	5409746.0	3875.69995	255.22	24.15	48.840670	-86.936238	56131.83	56280.8	-30.84	56100.99	56105.63281	56030.79291	56068.00781	504678.5	5409746.0
L4680.0	504678.5	5409746.0	3875.80005	254.62	32.2	48.840670	-86.936238	56133.90	56280.9	-30.85	56103.05	56107.64844	56031.30418	56068.54688	504678.5	5409746.0
L4680.0	504678.5	5409744.6	3876.00000	255.96	33.93	48.840657	-86.936239	56132.92	56280.9	-30.87	56102.05	56106.60156	56032.02323	56069.29297	504678.5	5409744.6
L4680.0	504678.5	5409743.4	3876.10010	254.86	36.68	48.840646	-86.936239	56134.28	56280.9	-30.88	56103.40	56107.90234	56032.58901	56069.88281	504678.5	5409743.4
L4680.0	504678.5	5409741.4	3876.19995	255.08	36.68	48.840629	-86.936239	56136.66	56280.9	-30.88	56105.78	56110.23047	56033.08914	56070.40234	504678.5	5409741.4
L4680.0	504678.5	5409741.4	3876.30005	255.35	35.59	48.840629	-86.936239	56137.42	56280.9	-30.89	56106.53	56110.92969	56033.70058	56071.03516	504678.5	5409741.4
L4680.0	504678.5	5409740.0	3876.39990	255.59	35.59	48.840616	-86.936239	56136.73	56280.9	-30.89	56105.84	56110.19141	56034.41029	56071.76172	504678.5	5409740.0
L4680.0	504678.5	5409738.5	3876.50000	253.92	32.81	48.840602	-86.936239	56139.23	56280.9	-30.90	56108.33	56112.62891	56034.90994	56072.27734	504678.5	5409738.5
L4680.0	504678.5	5409737.3	3876.60010	253.56	30.56	48.840592	-86.936239	56140.43	56280.9	-30.91	56109.52	56113.76563	56035.49783	56072.87891	504678.5	5409737.3
L4680.0	504678.5	5409735.8	3876.69995	252.84	30.56	48.840578	-86.936240	56141.16	56280.9	-30.91	56110.25	56114.44141	56036.11764	56073.50781	504678.5	5409735.8
L4680.0	504678.5	5409734.4	3876.80005	252.53	29.87	48.840565	-86.936240	56142.30	56280.9	-30.92	56111.38	56115.51563	56036.71171	56074.10938	504678.5	5409734.4
L4680.0	504678.5	5409734.4	3876.89990	253.72	29.87	48.840565	-86.936240	56143.18	56280.9	-30.92	56112.26	56116.33984	56037.32305	56074.73047	504678.5	5409734.4
L4680.0	504678.5	5409732.5	3877.00000	255.99	24.1	48.840548	-86.936240	56144.22	56280.9	-30.93	56113.29	56117.31250	56037.92467	56075.33594	504678.5	5409732.5
L4680.0	504678.4	5409731.1	3877.10010	255.18	30.47	48.840536	-86.936240	56145.96	56280.9	-30.94	56115.03	56118.99609	56038.47894	56075.89453	504678.4	5409731.1
L4680.0	504678.4	5409729.6	3877.19995	253.77	30.47	48.840523	-86.936240	56146.91	56280.9	-30.95	56115.96	56119.86719	56039.08687	56076.50391	504678.4	5409729.6
L4680.0	504678.4	5409729.6	3877.30005	255.16	35.62	48.840523	-86.936240	56147.08	56281	-30.95	56116.13	56119.98047	56039.74485	56077.16016	504678.4	5409729.6
L4680.0	504678.4	5409728.0	3877.39990	257.62	35.62	48.840508	-86.936240	56148.24	56281	-30.96	56117.28	56121.07031	56040.33656	56077.75000	504678.4	5409728.0
L4680.0	504678.4	5409726.8	3877.50000	257.33	30.83	48.840497	-86.936240	56150.34	56281	-30.97	56119.37	56123.10156	56040.86440	56078.27344	504678.4	5409726.8
L4680.0	504678.4	5409725.5	3877.60010	258.01	30.83	48.840485	-86.936240	56150.44	56281	-30.98	56119.46	56123.13281	56041.52406	56078.92578	504678.4	5409725.5
L4680.0	504678.4	5409724.1	3877.69995	257.22	34.43	48.840473	-86.936240	56151.06	56281	-30.99	56120.07	56123.68359	56042.14726	56079.53906	504678.4	5409724.1
L4680.0	504678.4	5409724.1	3877.69995	257.22	38.48	48.840473	-86.936240	56152.94	56281	-30.99	56121.95	56125.50391	56042.68371	56080.06641	504678.4	5409724.1
L4680.0	504678.4	5409722.4	3877.80005	256.21	38.48	48.840458	-86.936240	56154.21	56281	-30.99	56123.22	56126.71094	56043.25848	56080.62891	504678.4	5409722.4
L4680.0	504678.4	5409720.7	3878.00000	255.30	38.62	48.840442	-86.936240	56155.38	56281	-31.01	56124.37	56127.80469	56043.83860	56081.19531	504678.4	5409720.7
L4680.0	504678.4	5409719.1	3878.10010	254.89	38.62	48.840427	-86.936240	56156.11	56281	-31.02	56125.09	56128.46484	56044.44448	56081.78516	504678.4	5409719.1
L4680.0	504678.4	5409719.1	3878.19995	254.17	35.25	48.840427	-86.936240	56157.25	56281	-31.03	56126.22	56129.53125	56045.01984	56082.34375	504678.4	5409719.1
L4680.0	504678.4	5409717.4	3878.30005	253.61	35.25	48.840412	-86.936241	56158.44	56281	-31.04	56127.40	56130.65234	56045.58841	56082.89453	504678.4	5409717.4
L4680.0	504678.4	5409715.6	3878.39990	253.54	38.13	48.840396	-86.936241	56160.03	56281.1	-31.05	56128.98	56132.17188	56046.12659	56083.41016	504678.4	5409715.6
L4680.0	504678.4	5409713.8	3878.50000	254.35	38.13	48.840380	-86.936241	56160.68	56281.1	-31.06	56129.62	56132.75391	56046.72345	56083.98828	504678.4	5409713.8
L4680.0	504678.4	5409712.6	3878.60010	256.31	36.3	48.840369	-86.936241	56161.96	56281.1	-31.07	56130.89	56133.96484	56047.27406	56084.51172	504678.4	5409712.6
L4680.0	504678.4	5409712.6	3878.69995	257.10	36.3	48.840369	-86.936241	56163.55	56281.1	-31.08	56132.47	56135.48828	56047.79949	56085.01563	504678.4	5409712.6
L4680.0	504678.4	5409711.4	3878.80005	255.46	30.51	48.840358	-86.936241	56163.11	56281.1	-31.09	56132.02	56134.97656	56048.45550	56085.64453	504678.4	5409711.4
L4680.0	504678.4	5409709.9	3878.89990	255.51	30.51	48.840345	-86.936241	56164.74	56281.1	-31.10	56133.64	56136.53906	56048.96850	56086.12891	504678.4	5409709.9
L4680.0	504678.4	5409708.2	3879.00000	254.03	31.97	48.840330	-86.936241	56166.54	56281.1	-31.11	56135.43	56138.27344	56049.46492	56086.59375	504678.4	5409708.2
L4680.0	504678.4	5409708.2	3879.10010	254.81	32.87	48.840330	-86.936241	56166.68	56281.1	-31.12	56135.56	56138.34375	56050.06653	56087.16406	504678.4	5409708.2
L4680.0	504678.4	5409706.3	3879.19995	255.80	32.87	48.840312	-86.936241	56167.88	56281.1	-31.13	56136.75	56139.47656	56050.59175	56087.66016	504678.4	5409706.3
L4680.0	504678.3	5409704.8	3879.30005	257.55	32.87	48.840299	-86.936241	56169.99	56281.1	-31.13	56138.85	56141.52344	56051.05038	56088.08203	504678.3	5409704.8
L4680.0	504678.4	5409703.4	3879.39990	255.81	35.84	48.840286	-86.936241	56169.85	56281.1	-31.14	56138.71	56141.32813	56051.65219	56088.64844	504678.4	5409703.4
L4680.0	504678.4	5409703.4	3879.50000	256.58	34.95	48.840286	-86.936241	56170.60	56281.2	-31.15	56139.45	56142.01172	56052.18898	56089.15234	504678.4	5409703.4
L4680.0	504678.3	5409701.7	3879.60010	255.80	34.95	48.840271	-86.936242	56173.46	56281.2	-31.16	56142.30	56144.80859	56052.57855	56089.50391	504678.3	5409701.7
L4680.0	504678.4	5409700.3	3879.69995	256.94	33.66	48.840258	-86.936241	56172.58	56281.2	-31.17	56141.41	56143.86328	56053.21072	56090.09766	504678.4	5409700.3
L4680.0	504678.4	5409700.3	3879.69995	256.94	34.39	48.840258	-86.936241	56173.89	56281.2	-31.17	56142.72	56145.12109	56053.68931	56090.53516	504678.4	5409700.3
L4680.0	504678.3	5409698.8	3879.80005	256.49	34.39	48.840245	-86.936242	56175.79	56281.2	-31.17	56144.62	56146.96875	56054.12150	56090.92578	504678.3	5409698.8
L4680.0	504678.3	5409697.4	3880.00000	256.48	32.18	48.840232	-86.936242	56175.68	56281.2	-31.19	56144.49	56146.78906	56054.68179	56091.44531	504678.3	5409697.4
L4680.0	504678.4	5409695.4	3880.10010	256.59	26.96	48.840215	-86.936241	56177.41	56281.2	-31.20	56146.21	56148.46094	56055.11139	56091.83203	504678.4	5409695.4
L4680.0	504678.4	5409695.4	3880.19995	255.49	26.96	48.840215	-86.936241	56176.37	56281.2	-31.20	56145.16	56147.35938	56055.71815	56092.39844	504678.4	5409695.4
L4680.0	504678.4	5409694.0	3880.30005	255.13	29.31	48.840202	-86.936241	56178.75	56281.2	-31.21	56147.54	56149.69141	56056.08865	56092.72266	504678.4	5409694.0
L4680.0	504678.4	5409692.7	3880.39990	257.03	29.31	48.840190	-86.936241	56179.40	56281.2	-31.22	56148.18	56150.28516	56056.56744	56093.15625	504678.4	5409692.7
L4680.0	504678.4	5409691.5	3880.50000	256.56	32.53	48.840180	-86.936241	56179.05	56281.2	-31.23	56147.82	56149.87891	56057.10511	56093.64844	504678.4	5409691.5
L4680.0	504678.4	5409689.8	3880.60010	255.87	32.53	48.840164	-86.936241	56180.75	56281.2	-31.23	56149.52	56151.53125	56057.49758	56093.99609	504678.4	5409689.8
L4680.0	504678.4	5409689.8	3880.69995	255.36	32.58	48.840164	-86.936241	56181.43	56281.2	-31.24	56150.20	56152.16797	56057.95014	56094.39844	504678.4	5409689.8
L4680.0	504678.4	5409687.7	3880.80005	254.23	33.97	48.840145	-86.936241	56180.25	56281.2	-31.25	56149.01	56150.93359	56058.51942	56094.92188	504678.4	5409687.7
L4680.0	504678.4	5409686.4	3880.89990	253.15	33.97	48.840133	-86.936241	56181.77	56281.3	-31.25	56150.51	56152.39063	56058.90138	56095.25391	504678.4	5409686.4
L4680.0	504678.4	5409685.0	3881.00000	251.63	33.97	48.840121	-86.936241	56183.89	56281.3	-31.26	56152.63	56154.46875	56059.23403	56095.53906	504678.4	5409685.0
L4680.0	504678.4	5409683.1	3881.10010	250.31	31.76	48.840103	-86.936242	56182.21	56281.3	-31.27	56150.94	56152.73828	56059.81270	56096.06641	504678.4	5409683.1
L4680.0	504678.4	5409683.1	3881.19995	251.97	32.35	48.840103	-86.936242	56183.25	56281.3	-31.28	56151.97	56153.73047	56060.20207	56096.40625	504678.4	5409683.1
L4680.0	504678.4	5409681.6	3881.30005	253.51	32.35	48.840090	-86.936242	56184.36	56281.3	-31.29	56153.07	56154.79297	56060.57886	56096.73047	504678.4	5409681.6
L4680.0	504678.3	5409680.1	3881.39990	254.27	30.05	48.840077	-86.936242	56183.86	56281.3	-31.30	56152.56	56154.24609	56061.05510	56097.15625	504678.3	5409680.1
L4680.0	504678.3	5409680.1	3881.50000	251.92	30.05	48.840077	-86.936242	56184.71	56281.3	-31.31	56153.40	56155.05078	56061.43355	56097.48438	504678.3	5409680.1
L4680.0	504678.3	5409677.1	3881.60010	251.70	30.17	48.840050	-86.936242	56185.68	56281.3	-31.32	56154.36	56155.97656	56061.79626	56097.79688	504678.3	5409677.1
L4680.0	504678.3	5409675.7	3881.69995	251.91	30.17	48.840038	-86.936242	56183.71	56281.3	-31.33	56152.38	56153.96094	56062.34734	56098.29688	504678.3	5409675.7
L4680.0	504678.3	5409675.7	3881.69995	251.91	30.17	48.840038	-86.936242	56184.34	56281.3	-31.33	56153.01	56154.55859	56062.71690	56098.61328	504678.3	5409675.7
L4680.0	504678.3	5409674.1	3881.80005	252.00	29.13	48.840023	-86.936242	56185.02	56281.3	-31.34	56153.68	56155.19531	56063.07637	56098.91797	504678.3	5409674.1
L4680.0	504678.3	5409672.8	3882.00000	250.40	29.13	48.840012	-86.936242	56184.84	56281.4	-31.36	56153.48	56154.96875	56063.48656	56099.27734	504678.3	5409672.8
L4680.0	504678.3	5409671.6	3882.10010	251.53	29.43	48.840001	-86.936242	56185.86	56281.4	-31.37	56154.49	56155.94922	56063.80893	56099.54688	504678.3	5409671.6
L4680.0	504678.3	5409671.6	3882.19995	250.61	29.43	48.840001	-86.936242	56185.50	56281.4	-31.38	56154.12	56155.55078	56064.21631	56099.90234	504678.3	5409671.6
L4680.0	504678.3	5409669.9	3882.30005	251.86	29.49	48.839985	-86.936242	56185.22	56281.4	-31.38	56153.84	56155.24219	56064.61084	56100.24609	504678.3	5409669.9
L4680.0	504678.3	5409668.7	3882.39990	252.24	32.65	48.839975	-86.936242	56186.06	56281.4	-31.39	56154.67	56156.04688	56064.92469	56100.50391	504678.3	5409668.7
L4680.0	504678.3	5409667.5	3882.50000	252.04	32.65	48.839964	-86.936242	56185.06	56281.4	-31.40	56153.66	56155.01172	56065.35470	56100.88281	504678.3	5409667.5
L4680.0	504678.3	5409666.1	3882.60010	250.66	32.5	48.839951	-86.936242	56185.61	56281.4	-31.41	56154.20	56155.52734	56065.67504	56101.15234	504678.3	5409666.1
L4680.0	504678.3	5409664.4	3882.69995	249.02	32.5	48.839936	-86.936242	56184.64	56281.4	-31.42	56153.22	56154.52734	56066.09057	56101.51563	504678.3	5409664.4
L4680.0	504678.3	5409664.4	3882.80005	247.95	33.79	48.839936	-86.936242	56185.25	56281.4	-31.42	56153.82	56155.10547	56066.39479	56101.76563	504678.3	5409664.4
L4680.0	504678.3	5409662.7	3882.89990	248.58	33.79	48.839920	-86.936242	56185.20	56281.4	-31.43	56153.77	56155.03516	56066.73656	56102.05859	504678.3	5409662.7
L4680.0	504678.3	5409661.3	3883.00000	249.18	25.4	48.839907	-86.936242	56184.95	56281.4	-31.44	56153.51	56154.75781	56067.08674	56102.35547	504678.3	5409661.3
L4680.0	504678.3	5409661.3	3883.10010	247.60	26.64	48.839907	-86.936242	56185.56	56281.4	-31.45	56154.11	56155.33984	56067.37418	56102.58984	504678.3	5409661.3
L4680.0	504678.3	5409658.6	3883.19995	247.57	26.64	48.839884	-86.936242	56186.01	56281.5	-31.45	56154.56	56155.77344	56067.66640	56102.83203	504678.3	5409658.6
L4680.0	504678.3	5409658.6	3883.30005	248.80	34.55	48.839884	-86.936242	56184.28	56281.5	-31.46	56152.82	56154.01563	56068.09960	56103.21484	504678.3	5409658.6
L4680.0	504678.3	5409657.0	3883.39990	252.41	34.55	48.839869	-86.936242	56184.78	56281.5	-31.46	56153.31	56154.49219	56068.37928	56103.44531	504678.3	5409657.0

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4680.0	504678.3	5409655.8	3883.50000	253.55	34.32	48.839858	-86.936242	56185.17	56281.5	-31.47	56153.70	56154.87109	56068.66096	56103.67578	504678.3	5409655.8
L4680.0	504678.3	5409654.1	3883.60010	254.44	34.38	48.839843	-86.936242	56185.07	56281.5	-31.48	56153.59	56154.74609	56068.97150	56103.93750	504678.3	5409654.1
L4680.0	504678.3	5409652.9	3883.69995	253.72	34.38	48.839832	-86.936242	56185.40	56281.5	-31.48	56153.92	56155.06641	56069.24839	56104.16406	504678.3	5409652.9
L4680.0	504678.3	5409652.9	3883.69995	253.72	34.98	48.839832	-86.936242	56184.57	56281.5	-31.48	56153.09	56154.22656	56069.59847	56104.46875	504678.3	5409652.9
L4680.0	504678.3	5409651.7	3883.80005	252.57	33.16	48.839821	-86.936243	56185.25	56281.5	-31.49	56153.76	56154.88672	56069.84456	56104.66406	504678.3	5409651.7
L4680.0	504678.3	5409650.0	3884.00000	253.74	33.16	48.839806	-86.936243	56184.66	56281.5	-31.50	56153.16	56154.27734	56070.17151	56104.94531	504678.3	5409650.0
L4680.0	504678.3	5409648.8	3884.10010	252.25	30.59	48.839795	-86.936243	56185.50	56281.5	-31.51	56153.99	56155.10156	56070.39944	56105.12891	504678.3	5409648.8
L4680.0	504678.3	5409648.8	3884.19995	251.38	30.59	48.839795	-86.936243	56184.83	56281.5	-31.51	56153.31	56154.41797	56070.72451	56105.40625	504678.3	5409648.8
L4680.0	504678.3	5409646.8	3884.30005	251.46	31.58	48.839777	-86.936243	56185.27	56281.5	-31.52	56153.75	56154.85156	56070.97152	56105.60938	504678.3	5409646.8
L4680.0	504678.3	5409645.6	3884.39990	254.19	29.5	48.839767	-86.936243	56186.21	56281.5	-31.53	56154.69	56155.78906	56071.18193	56105.77344	504678.3	5409645.6
L4680.0	504678.3	5409643.9	3884.50000	253.59	29.5	48.839752	-86.936243	56185.35	56281.5	-31.54	56153.81	56154.90625	56071.51053	56106.05859	504678.3	5409643.9
L4680.0	504678.3	5409643.9	3884.60010	252.02	28.31	48.839752	-86.936243	56185.66	56281.5	-31.54	56154.11	56155.20313	56071.75742	56106.26172	504678.3	5409643.9
L4680.0	504678.3	5409642.0	3884.69995	251.43	34.05	48.839734	-86.936243	56185.35	56281.5	-31.55	56153.80	56154.89063	56072.04206	56106.50391	504678.3	5409642.0
L4680.0	504678.3	5409640.4	3884.80005	249.34	34.05	48.839720	-86.936243	56186.57	56281.6	-31.56	56155.01	56156.10156	56072.22253	56106.64063	504678.3	5409640.4
L4680.0	504678.3	5409639.0	3884.89990	252.18	34.33	48.839708	-86.936243	56186.73	56281.6	-31.56	56155.17	56156.26563	56072.47027	56106.84766	504678.3	5409639.0
L4680.0	504678.3	5409637.8	3885.00000	253.88	34.33	48.839697	-86.936243	56186.21	56281.6	-31.57	56154.64	56155.73438	56072.76135	56107.10156	504678.3	5409637.8
L4680.0	504678.3	5409637.8	3885.10010	255.71	33.47	48.839697	-86.936243	56186.97	56281.6	-31.57	56155.40	56156.50000	56072.96384	56107.26172	504678.3	5409637.8
L4680.0	504678.3	5409635.9	3885.19995	258.03	33.47	48.839679	-86.936243	56187.27	56281.6	-31.58	56155.69	56156.79297	56073.19516	56107.45703	504678.3	5409635.9
L4680.0	504678.3	5409634.5	3885.30005	256.96	34.89	48.839667	-86.936243	56188.38	56281.6	-31.58	56156.80	56157.90625	56073.36937	56107.59375	504678.3	5409634.5
L4680.0	504678.3	5409632.5	3885.39990	256.49	34.89	48.839649	-86.936243	56186.67	56281.6	-31.59	56155.08	56156.19531	56073.72984	56107.91797	504678.3	5409632.5
L4680.0	504678.3	5409632.5	3885.50000	253.39	30.81	48.839649	-86.936243	56187.43	56281.6	-31.60	56155.84	56156.96094	56073.92264	56108.07422	504678.3	5409632.5
L4680.0	504678.3	5409631.1	3885.60010	252.44	32.43	48.839636	-86.936243	56189.01	56281.6	-31.60	56157.41	56158.53906	56074.05914	56108.17578	504678.3	5409631.1
L4680.0	504678.3	5409629.7	3885.69995	253.83	34.59	48.839623	-86.936243	56189.35	56281.6	-31.61	56157.75	56158.88672	56074.27537	56108.35938	504678.3	5409629.7
L4680.0	504678.3	5409629.7	3885.69995	253.83	34.59	48.839623	-86.936243	56187.60	56281.6	-31.61	56155.99	56157.13672	56074.62936	56108.67969	504678.3	5409629.7
L4680.0	504678.3	5409628.0	3885.80005	254.55	34.07	48.839608	-86.936243	56187.91	56281.6	-31.61	56156.30	56157.45703	56074.84315	56108.85938	504678.3	5409628.0
L4680.0	504678.3	5409626.8	3886.00000	254.04	34.07	48.839597	-86.936243	56188.84	56281.6	-31.62	56157.22	56158.39063	56075.01409	56109.00000	504678.3	5409626.8
L4680.0	504678.3	5409625.3	3886.10010	255.45	34.21	48.839584	-86.936243	56189.34	56281.6	-31.63	56157.71	56158.89063	56075.21152	56109.16797	504678.3	5409625.3
L4680.0	504678.3	5409623.8	3886.19995	258.01	33.07	48.839571	-86.936243	56190.01	56281.6	-31.64	56158.37	56159.56641	56075.39546	56109.32422	504678.3	5409623.8
L4680.0	504678.3	5409623.8	3886.30005	258.41	33.07	48.839571	-86.936243	56190.43	56281.7	-31.65	56158.78	56159.98828	56075.59391	56109.49609	504678.3	5409623.8
L4680.0	504678.3	5409621.9	3886.39990	258.67	36.01	48.839554	-86.936243	56189.15	56281.7	-31.66	56157.49	56158.71484	56075.90354	56109.77734	504678.3	5409621.9
L4680.0	504678.3	5409620.7	3886.50000	256.45	37.1	48.839543	-86.936243	56189.66	56281.7	-31.67	56157.99	56159.23047	56076.09167	56109.94141	504678.3	5409620.7
L4680.0	504678.3	5409619.2	3886.60010	256.44	37.1	48.839529	-86.936243	56190.13	56281.7	-31.68	56158.45	56159.70703	56076.28031	56110.10547	504678.3	5409619.2
L4680.0	504678.3	5409618.0	3886.69995	257.55	37.26	48.839518	-86.936243	56190.94	56281.7	-31.69	56159.25	56160.52734	56076.44409	56110.24219	504678.3	5409618.0
L4680.0	504678.3	5409616.3	3886.80005	257.94	38.71	48.839503	-86.936243	56190.95	56281.7	-31.70	56159.25	56160.54297	56076.65900	56110.43750	504678.3	5409616.3
L4680.0	504678.3	5409616.3	3886.89990	258.79	34.27	48.839503	-86.936243	56190.89	56281.7	-31.71	56159.18	56160.49609	56076.87635	56110.63281	504678.3	5409616.3
L4680.0	504678.3	5409614.8	3887.00000	255.94	34.27	48.839490	-86.936243	56191.57	56281.7	-31.72	56159.85	56161.18359	56077.04211	56110.77734	504678.3	5409614.8
L4680.0	504678.3	5409613.4	3887.10010	255.02	38.18	48.839477	-86.936243	56191.75	56281.7	-31.72	56160.03	56161.38672	56077.23825	56110.95703	504678.3	5409613.4
L4680.0	504678.4	5409612.0	3887.19995	254.59	38.18	48.839464	-86.936242	56191.93	56281.7	-31.73	56160.20	56161.57813	56077.43271	56111.13281	504678.4	5409612.0
L4680.0	504678.4	5409610.7	3887.30005	257.67	34.79	48.839453	-86.936242	56192.42	56281.7	-31.73	56160.69	56162.09375	56077.60346	56111.28516	504678.4	5409610.7
L4680.0	504678.4	5409610.7	3887.39990	255.79	38.14	48.839453	-86.936242	56191.98	56281.7	-31.73	56160.24	56161.66797	56077.83444	56111.50000	504678.4	5409610.7
L4680.0	504678.4	5409609.3	3887.50000	255.14	38.57	48.839440	-86.936242	56192.41	56281.7	-31.74	56160.68	56162.13281	56078.00360	56111.65625	504678.4	5409609.3
L4680.0	504678.4	5409607.4	3887.60010	254.87	38.57	48.839423	-86.936242	56193.04	56281.7	-31.74	56161.30	56162.78125	56078.15818	56111.79688	504678.4	5409607.4
L4680.0	504678.4	5409607.4	3887.69995	254.68	36.45	48.839423	-86.936242	56193.70	56281.7	-31.74	56161.95	56163.45703	56078.30814	56111.93359	504678.4	5409607.4
L4680.0	504678.4	5409605.7	3887.69995	254.68	36.45	48.839408	-86.936242	56193.00	56281.7	-31.74	56161.25	56162.78516	56078.54537	56112.16016	504678.4	5409605.7
L4680.0	504678.4	5409604.3	3887.80005	256.05	36.45	48.839395	-86.936242	56193.11	56281.7	-31.74	56161.37	56162.93359	56078.72514	56112.33203	504678.4	5409604.3
L4680.0	504678.4	5409602.6	3888.00000	254.91	41.42	48.839379	-86.936242	56193.82	56281.8	-31.75	56162.07	56163.66406	56078.86334	56112.46094	504678.4	5409602.6
L4680.0	504678.4	5409600.9	3888.10010	254.18	41.42	48.839364	-86.936242	56194.52	56281.8	-31.76	56162.76	56164.38672	56078.99920	56112.58984	504678.4	5409600.9
L4680.0	504678.4	5409600.9	3888.19995	253.44	39.21	48.839364	-86.936242	56194.57	56281.8	-31.77	56162.80	56164.46094	56079.17529	56112.75781	504678.4	5409600.9
L4680.0	504678.4	5409599.2	3888.30005	254.02	40.45	48.839349	-86.936242	56194.96	56281.8	-31.77	56163.19	56164.88281	56079.32481	56112.90234	504678.4	5409599.2
L4680.0	504678.4	5409597.8	3888.39990	256.13	40.45	48.839336	-86.936242	56196.14	56281.8	-31.78	56164.36	56166.08984	56079.41897	56112.99219	504678.4	5409597.8
L4680.0	504678.4	5409597.8	3888.50000	256.44	40.45	48.839336	-86.936242	56194.58	56281.8	-31.79	56162.79	56164.55469	56079.69231	56113.26563	504678.4	5409597.8
L4680.0	504678.4	5409596.6	3888.60010	254.59	30.28	48.839326	-86.936242	56195.94	56281.8	-31.80	56164.14	56165.94141	56079.76734	56113.33984	504678.4	5409596.6
L4680.0	504678.4	5409595.1	3888.69995	253.27	22.68	48.839312	-86.936242	56196.48	56281.8	-31.81	56164.67	56166.51172	56079.89325	56113.46484	504678.4	5409595.1
L4680.0	504678.4	5409593.7	3888.80005	253.78	22.68	48.839300	-86.936242	56197.24	56281.8	-31.81	56165.42	56167.30078	56080.00055	56113.57422	504678.4	5409593.7
L4680.0	504678.4	5409592.0	3888.89990	256.95	23.03	48.839284	-86.936242	56198.41	56281.8	-31.82	56166.58	56168.50000	56080.07640	56113.65234	504678.4	5409592.0
L4680.0	504678.4	5409590.8	3889.00000	256.14	23.03	48.839273	-86.936242	56197.04	56281.8	-31.83	56165.21	56167.17188	56080.31662	56113.89453	504678.4	5409590.8
L4680.0	504678.4	5409590.8	3889.10010	256.30	23.66	48.839273	-86.936242	56197.95	56281.8	-31.84	56166.11	56168.11719	56080.40105	56113.98438	504678.4	5409590.8
L4680.0	504678.4	5409589.1	3889.19995	255.36	39.95	48.839259	-86.936242	56199.79	56281.8	-31.84	56167.95	56170.00000	56080.41814	56114.00781	504678.4	5409589.1
L4680.0	504678.4	5409587.5	3889.19995	255.36	39.95	48.839244	-86.936242	56199.28	56281.8	-31.84	56167.44	56169.53516	56080.58704	56114.18359	504678.4	5409587.5
L4680.0	504678.4	5409586.0	3889.39990	255.72	41.12	48.839231	-86.936242	56200.61	56281.9	-31.85	56168.75	56170.89453	56080.62954	56114.23438	504678.4	5409586.0
L4680.0	504678.4	5409586.0	3889.39990	258.27	37.3	48.839231	-86.936242	56199.92	56281.9	-31.85	56168.06	56170.25391	56080.80010	56114.41406	504678.4	5409586.0
L4680.0	504678.4	5409584.5	3889.60010	257.56	37.3	48.839217	-86.936242	56201.25	56281.9	-31.87	56169.39	56171.63281	56080.83049	56114.45703	504678.4	5409584.5
L4680.0	504678.4	5409583.2	3889.60010	258.24	43.3	48.839205	-86.936242	56201.12	56281.9	-31.87	56169.25	56171.54297	56080.95317	56114.58984	504678.4	5409583.2
L4680.0	504678.4	5409581.7	3889.69995	258.05	43.3	48.839192	-86.936242	56202.42	56281.9	-31.87	56170.55	56172.89844	56080.97390	56114.62500	504678.4	5409581.7
L4680.0	504678.4	5409581.7	3889.80005	258.05	43.8	48.839192	-86.936242	56202.52	56281.9	-31.88	56170.65	56173.05469	56081.06844	56114.73438	504678.4	5409581.7
L4680.0	504678.4	5409578.8	3889.80005	256.01	43.8	48.839166	-86.936242	56203.01	56281.9	-31.88	56171.13	56173.58984	56081.13121	56114.81250	504678.4	5409578.8
L4680.0	504678.4	5409578.8	3890.00000	257.17	43.66	48.839166	-86.936242	56203.92	56281.9	-31.89	56172.03	56174.54688	56081.15931	56114.85547	504678.4	5409578.8
L4680.0	504678.5	5409576.9	3890.00000	257.17	43.66	48.839148	-86.936241	56202.88	56281.9	-31.89	56170.99	56173.56641	56081.30982	56115.02344	504678.5	5409576.9
L4680.0	504678.5	5409575.2	3890.19995	253.45	38.12	48.839133	-86.936241	56205.03	56281.9	-31.90	56173.13	56175.76953	56081.24114	56114.97656	504678.5	5409575.2
L4680.0	504678.5	5409574.0	3890.19995	253.45	38.12	48.839122	-86.936241	56204.71	56281.9	-31.90	56172.81	56175.51172	56081.32901	56115.08594	504678.5	5409574.0
L4680.0	504678.5	5409574.0	3890.39990	252.47	39.59	48.839122	-86.936241	56204.92	56281.9	-31.91	56173.01	56175.77734	56081.37449	56115.15234	504678.5	5409574.0
L4680.0	504678.5	5409572.3	3890.60010	251.68	39.59	48.839107	-86.936241	56206.99	56281.9	-31.92	56175.07	56177.90234	56081.28799	56115.08984	504678.5	5409572.3
L4680.0	504678.5	5409570.4	3890.69995	251.30	37.97	48.839090	-86.936241	56205.17	56281.9	-31.93	56173.24	56176.14063	56081.45255	56115.27734	504678.5	5409570.4
L4680.0	504678.5	5409570.4	3890.80005	252.64	37.97	48.839090	-86.936241	56206.17	56281.9	-31.93	56174.24	56177.21094	56081.41991	56115.26953	504678.5	5409570.4
L4680.0	504678.5	5409568.7	3890.89990	251.81	38.97	48.839074	-86.936241	56208.02	56281.9	-31.94	56176.08	56179.12500	56081.32243	56115.19922	504678.5	5409568.7
L4680.0	504678.5	5409567.5	3891.00000	254.60	41.29	48.839064	-86.936241	56207.66	56281.9	-31.94	56175.72	56178.83594	56081.36250	56115.26563	504678.5	5409567.5
L4680.0	504678.5	5409566.0	3891.10010	256.13	41.29	48.839051	-86.936241	56207.88	56281.9	-31.95	56175.94	56179.13281	56081.35449	56115.28906	504678.5	5409566.0
L4680.0	504678.5	5409566.0	3891.19995	257.49	40.94	48.839051	-86.936241	56207.57	56282	-31.95	56175.61	56178.88281	56081.37344	56115.33594	504678.5	5409566.0
L4680.0	504678.5	5409564.6	3891.30005	257.76	40.94	48.839038	-86.936241	56208.27	56282	-31.96	56176.31	56179.66016	56081.31372	56115.30859	504678.5	5409564.6
L4680.0	504678.5	5409562.9	3891.39990	257.33	40.2	48.839023	-86.936241	56209.92	56282	-31.97	56177.95	56181.38281	56081.18101	56115.20703	504678.5	5409562.9
L4680.0	504678.5	5409561.5	3891.50000	257.73	40.2	48.839010	-86.936241	56210.08	56282	-31.98	56178.11	56181.62891	56081.13634	56115.19531	504678.5	5409561.5
L4680.0	504678.5	5409560.0	3891.60010	257.64	38.98	48.838997	-86.936241	56210.15	56282	-31.98	56178.17	56181.77734	56081.08740	56115.18359	504678.5	5409560.0
L4680.0	504678.5	5409560.0	3891.69995	257.97	38.98	48.838997	-86.936241	56210.52	56282	-31.99	56178.53	56182.22656	56081.00721	56115.13672	504678.5	5409560.0
L4680.0	504678.5	5409558.4	3891.69995	257.97	39.03	48.838982	-86.936241	56210.56	56282	-31.99	56178.57	56182.35547	56080.93677	56115.10547	504678.5	5409558.4
L4680.0	504678.5	5409558.4	3891.80005	257.27	42.87	48.838982	-86.936241	56211.64	56282	-32.00	56179.64	56183.51953	56080.78576	56114.99219	504678.5	5409558.4
L4680.0	504678.5	5409556.7	3892.00000	257.16	40.34	48.838966	-86.936240	56211.56	56282	-32.01	56179.55	56183.52734	56080.69985	56114.94531	504678.5	5409556.7
L4680.0	504678.6	5409555.0	3892.10010	258.28	40.34	48.838951	-86.936240	56210.52	56282	-32.02	56178.50	56182.57422	56080.66537	56114.94922	504678.6	5409555.0
L4680.0	504678.6	5409553.5	3892.19995	258.96	41.27	48.838938	-86.936240	56212.17	56282	-32.03	56180.14	56184.31641	56080.43865	56114.76563	504678.6	5409553.5
L4680.0	504678.6	5409552.3	3892.30005	257.55	42.39	48.838928	-86.936240	56211.98	56282	-32.03	56179.95	56184.22656	56080.32067	56114.69141	504678.6	5409552.3
L4680.0	504678.6	5409551.1	3892.39990	255.97	42.43	48.838917	-86.936240	56212.75	56282	-32.04	56180.71	56185.09375	56080.12575	56114.53906	504678.6	5409551.1
L4680.0	504678.6	5409551.1	3892.50000	254.27	42.43	48.838917	-86.936240	56213.27	56282.1	-32.05	56181.22	56185.71094	56079.93354	56114.39063	504678.6	5409551.1
L4680.0	504678.6	5409549.4	3892.60010	254.01	40.59	48.838901	-86.936240	56213.68	56282.1	-32.06	56181.62	56186.22266	56079.73435	56114.23828	504678.6	5409549.4
L4680.0	504678.6	5409547.8	3892.69995	255.06	40.59	48.838886	-86.936240	56213.54	56282.1	-32.07	56181.47	56186.18750	56079.55714	56114.10547	504678.6	5409547.8

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4680.0	504678.6	5409545.8	3892.80005	258.30	41.14	48.838869	-86.936239	56214.11	56282.1	-32.07	56182.03	56186.86328	56079.31754	56113.91406	504678.6	5409545.8
L4680.0	504678.6	5409545.8	3892.89990	259.96	41.14	48.838869	-86.936239	56214.96	56282.1	-32.08	56182.88	56187.83203	56079.04317	56113.68750	504678.6	5409545.8
L4680.0	504678.6	5409544.7	3893.00000	258.53	36.52	48.838859	-86.936239	56213.89	56282.1	-32.09	56181.81	56186.88281	56078.88099	56113.57422	504678.6	5409544.7
L4680.0	504678.6	5409542.9	3893.10010	255.83	36.52	48.838843	-86.936239	56214.24	56282.1	-32.10	56182.14	56187.33594	56078.60928	56113.35547	504678.6	5409542.9
L4680.0	504678.6	5409541.6	3893.19995	253.48	33.16	48.838831	-86.936239	56214.91	56282.1	-32.11	56182.80	56188.12109	56078.29898	56113.09766	504678.6	5409541.6
L4680.0	504678.6	5409541.6	3893.30005	254.51	33.16	48.838831	-86.936239	56216.02	56282.1	-32.11	56183.91	56189.35938	56077.94168	56112.78906	504678.6	5409541.6
L4680.0	504678.6	5409539.9	3893.39990	255.32	34.35	48.838815	-86.936239	56214.32	56282.1	-32.12	56182.19	56187.77344	56077.75564	56112.65625	504678.6	5409539.9
L4680.0	504678.7	5409538.4	3893.50000	255.12	37.1	48.838802	-86.936239	56213.93	56282.1	-32.13	56181.80	56187.51563	56077.46312	56112.41797	504678.7	5409538.4
L4680.0	504678.7	5409537.0	3893.60010	254.99	37.15	48.838790	-86.936239	56215.28	56282.1	-32.14	56183.14	56188.99219	56077.03704	56112.04688	504678.7	5409537.0
L4680.0	504678.7	5409535.4	3893.69995	257.19	37.15	48.838775	-86.936239	56216.76	56282.1	-32.15	56184.62	56190.61328	56076.58296	56111.64844	504678.7	5409535.4
L4680.0	504678.7	5409535.4	3893.69995	257.19	39.85	48.838775	-86.936239	56215.90	56282.1	-32.15	56183.75	56189.88281	56076.26645	56111.39063	504678.7	5409535.4
L4680.0	504678.7	5409534.4	3893.80005	258.56	39.85	48.838766	-86.936239	56216.09	56282.2	-32.15	56183.94	56190.21875	56075.85974	56111.03906	504678.7	5409534.4
L4680.0	504678.7	5409532.4	3894.00000	256.50	39.62	48.838748	-86.936239	56216.31	56282.2	-32.17	56184.14	56190.56641	56075.43238	56110.67188	504678.7	5409532.4
L4680.0	504678.7	5409531.2	3894.10010	257.89	39.62	48.838738	-86.936239	56215.70	56282.2	-32.18	56183.52	56190.09766	56075.03924	56110.33594	504678.7	5409531.2
L4680.0	504678.7	5409529.5	3894.19995	255.47	35.24	48.838722	-86.936239	56214.38	56282.2	-32.18	56182.20	56188.92969	56074.67187	56110.02734	504678.7	5409529.5
L4680.0	504678.7	5409529.5	3894.30005	254.57	35.24	48.838722	-86.936239	56215.57	56282.2	-32.19	56183.38	56190.26563	56074.11646	56109.53516	504678.7	5409529.5
L4680.0	504678.7	5409528.0	3894.39990	255.78	37.11	48.838709	-86.936239	56217.17	56282.2	-32.20	56184.97	56192.01172	56073.51186	56108.98828	504678.7	5409528.0
L4680.0	504678.7	5409526.3	3894.50000	254.86	38.05	48.838693	-86.936239	56215.31	56282.2	-32.21	56183.10	56190.30469	56073.11560	56108.65625	504678.7	5409526.3
L4680.0	504678.7	5409525.1	3894.60010	255.16	38.05	48.838682	-86.936239	56216.20	56282.2	-32.21	56183.99	56191.35547	56072.51250	56108.11328	504678.7	5409525.1
L4680.0	504678.7	5409525.1	3894.69995	253.40	38.93	48.838682	-86.936239	56216.29	56282.2	-32.22	56184.07	56191.60156	56071.94007	56107.60547	504678.7	5409525.1
L4680.0	504678.7	5409523.7	3894.80005	253.92	38.93	48.838670	-86.936239	56215.98	56282.2	-32.23	56183.75	56191.44922	56071.37047	56107.09766	504678.7	5409523.7
L4680.0	504678.7	5409522.1	3894.89990	254.00	39.3	48.838655	-86.936239	56215.46	56282.2	-32.23	56183.22	56191.08984	56070.79052	56106.58203	504678.7	5409522.1
L4680.0	504678.7	5409520.6	3895.00000	253.44	27.49	48.838642	-86.936239	56215.21	56282.2	-32.24	56182.97	56191.01172	56070.16703	56106.02344	504678.7	5409520.6
L4680.0	504678.7	5409520.6	3895.10010	254.64	27.49	48.838642	-86.936239	56216.37	56282.2	-32.25	56184.13	56192.34766	56069.42413	56105.34375	504678.7	5409520.6
L4680.0	504678.7	5409519.2	3895.19995	253.27	32.13	48.838629	-86.936239	56215.09	56282.3	-32.25	56182.83	56191.22266	56068.81930	56104.80469	504678.7	5409519.2
L4680.0	504678.7	5409517.5	3895.30005	253.06	35.26	48.838614	-86.936239	56215.58	56282.3	-32.26	56183.32	56191.89453	56068.06865	56104.11719	504678.7	5409517.5
L4680.0	504678.7	5409516.1	3895.39990	253.93	35.26	48.838601	-86.936239	56214.95	56282.3	-32.26	56182.68	56191.43359	56067.36631	56103.48047	504678.7	5409516.1
L4680.0	504678.7	5409514.4	3895.50000	255.52	37.36	48.838586	-86.936239	56215.24	56282.3	-32.27	56182.97	56191.91016	56066.57438	56102.75391	504678.7	5409514.4
L4680.0	504678.7	5409514.4	3895.60010	254.56	37.37	48.838586	-86.936239	56214.77	56282.3	-32.28	56182.49	56191.61328	56065.80564	56102.05078	504678.7	5409514.4
L4680.0	504678.7	5409512.7	3895.69995	255.29	38.5	48.838571	-86.936239	56214.88	56282.3	-32.28	56182.59	56191.90234	56064.96953	56101.28125	504678.7	5409512.7
L4680.0	504678.7	5409511.4	3895.69995	255.29	38.5	48.838559	-86.936239	56213.47	56282.3	-32.28	56181.19	56190.69141	56064.20413	56100.58203	504678.7	5409511.4
L4680.0	504678.7	5409510.0	3895.80005	254.40	38.66	48.838547	-86.936239	56212.78	56282.3	-32.29	56180.49	56190.18359	56063.36222	56099.80859	504678.7	5409510.0
L4680.0	504678.7	5409509.1	3896.00000	253.67	38.66	48.838539	-86.936239	56212.32	56282.3	-32.30	56180.02	56189.90625	56062.47455	56098.98828	504678.7	5409509.1
L4680.0	504678.7	5409507.7	3896.10010	253.66	38.23	48.838526	-86.936239	56212.54	56282.3	-32.31	56180.23	56190.30859	56061.51052	56098.08984	504678.7	5409507.7
L4680.0	504678.7	5409506.2	3896.19995	253.87	38.29	48.838513	-86.936239	56212.19	56282.3	-32.31	56179.88	56190.15234	56060.55223	56097.19922	504678.7	5409506.2
L4680.0	504678.7	5409506.2	3896.30005	254.44	39.04	48.838513	-86.936239	56211.91	56282.3	-32.32	56179.59	56190.06250	56059.55776	56096.26953	504678.7	5409506.2
L4680.0	504678.7	5409504.7	3896.39990	254.18	39.04	48.838499	-86.936239	56211.05	56282.3	-32.33	56178.72	56189.39063	56058.56917	56095.34766	504678.7	5409504.7
L4680.0	504678.7	5409503.3	3896.50000	254.79	38.7	48.838486	-86.936239	56210.25	56282.3	-32.34	56177.91	56188.77734	56057.54322	56094.39063	504678.7	5409503.3
L4680.0	504678.7	5409501.8	3896.60010	255.60	38.05	48.838473	-86.936239	56209.68	56282.3	-32.34	56177.33	56188.39844	56056.46797	56093.37891	504678.7	5409501.8
L4680.0	504678.7	5409500.6	3896.69995	256.55	38.3	48.838462	-86.936239	56209.48	56282.3	-32.35	56177.13	56188.40234	56055.33284	56092.31250	504678.7	5409500.6
L4680.0	504678.7	5409499.2	3896.80005	256.03	38.3	48.838449	-86.936239	56207.63	56282.4	-32.36	56175.28	56186.75391	56054.27258	56091.31641	504678.7	5409499.2
L4680.0	504678.7	5409499.2	3896.89990	255.98	40.29	48.838449	-86.936239	56206.88	56282.4	-32.36	56174.52	56186.19531	56053.10392	56090.21484	504678.7	5409499.2
L4680.0	504678.7	5409497.7	3897.00000	256.82	39.27	48.838436	-86.936239	56206.40	56282.4	-32.37	56174.03	56185.91016	56051.88096	56089.05469	504678.7	5409497.7
L4680.0	504678.7	5409496.3	3897.10010	258.02	39.21	48.838423	-86.936239	56206.54	56282.4	-32.38	56174.16	56186.24609	56050.57978	56087.81641	504678.7	5409496.3
L4680.0	504678.7	5409495.0	3897.19995	259.95	39.21	48.838412	-86.936239	56204.76	56282.4	-32.38	56172.37	56184.66016	56050.04062	56087.34375	504678.7	5409495.0
L4680.0	504678.7	5409493.6	3897.30005	259.58	37.24	48.838399	-86.936239	56203.11	56282.4	-32.39	56170.72	56183.21484	56049.47258	56086.83984	504678.7	5409493.6
L4680.0	504678.7	5409493.6	3897.39990	258.18	40.63	48.838399	-86.936239	56202.45	56282.4	-32.40	56170.05	56182.75000	56048.75476	56086.18359	504678.7	5409493.6
L4680.0	504678.7	5409492.2	3897.50000	260.13	34.97	48.838387	-86.936239	56200.50	56282.4	-32.40	56168.10	56181.00391	56047.99691	56085.48828	504678.7	5409492.2
L4680.0	504678.7	5409490.7	3897.60010	259.83	34.97	48.838373	-86.936239	56200.02	56282.4	-32.41	56167.61	56180.71875	56047.06708	56084.62109	504678.7	5409490.7
L4680.0	504678.7	5409489.3	3897.69995	260.56	36.81	48.838361	-86.936239	56198.37	56282.4	-32.42	56165.95	56179.26172	56046.07285	56083.68750	504678.7	5409489.3
L4680.0	504678.7	5409488.3	3897.69995	260.56	37.32	48.838352	-86.936240	56197.54	56282.4	-32.42	56165.12	56178.63672	56044.93025	56082.60547	504678.7	5409488.3
L4680.0	504678.7	5409487.1	3897.80005	261.06	37.32	48.838341	-86.936240	56197.09	56282.4	-32.43	56164.66	56178.37891	56043.65246	56081.38672	504678.7	5409487.1
L4680.0	504678.7	5409485.3	3898.00000	258.24	40.29	48.838324	-86.936240	56194.23	56282.4	-32.44	56161.79	56175.71094	56042.32059	56080.11328	504678.7	5409485.3
L4680.0	504678.6	5409484.1	3898.10010	260.17	40.29	48.838314	-86.936240	56192.97	56282.4	-32.45	56160.52	56174.64453	56040.80710	56078.65625	504678.6	5409484.1
L4680.0	504678.6	5409482.9	3898.19995	258.50	41.14	48.838303	-86.936240	56191.20	56282.5	-32.45	56158.74	56173.06250	56039.17585	56077.08203	504678.6	5409482.9
L4680.0	504678.6	5409482.9	3898.30005	256.57	41.25	48.838303	-86.936240	56189.70	56282.5	-32.46	56157.24	56171.76172	56037.40522	56075.36719	504678.6	5409482.9
L4680.0	504678.6	5409481.5	3898.39990	256.11	41.25	48.838290	-86.936240	56187.69	56282.5	-32.46	56155.22	56169.94141	56035.52404	56073.53906	504678.6	5409481.5
L4680.0	504678.6	5409480.1	3898.50000	256.60	41.26	48.838278	-86.936240	56185.75	56282.5	-32.47	56153.28	56168.19531	56033.52540	56071.59375	504678.6	5409480.1
L4680.0	504678.6	5409478.9	3898.60010	257.99	38.8	48.838267	-86.936240	56184.00	56282.5	-32.48	56151.53	56166.64063	56031.41564	56069.53516	504678.6	5409478.9
L4680.0	504678.6	5409477.5	3898.69995	259.37	38.5	48.838255	-86.936240	56181.96	56282.5	-32.48	56149.48	56164.78516	56029.21982	56067.39063	504678.6	5409477.5
L4680.0	504678.6	5409476.5	3898.80005	259.85	38.5	48.838246	-86.936240	56179.25	56282.5	-32.49	56146.76	56162.25391	56026.96293	56065.18359	504678.6	5409476.5
L4680.0	504678.6	5409475.2	3898.89990	257.28	33.21	48.838234	-86.936241	56177.41	56282.5	-32.49	56144.91	56160.59375	56024.58555	56062.85547	504678.6	5409475.2
L4680.0	504678.6	5409474.1	3899.00000	256.36	33.21	48.838223	-86.936241	56175.34	56282.5	-32.50	56142.84	56158.71094	56022.13809	56060.45313	504678.6	5409474.1
L4680.0	504678.6	5409472.4	3899.10010	256.92	33.26	48.838209	-86.936241	56172.34	56282.5	-32.50	56139.84	56155.89453	56019.66833	56058.02734	504678.6	5409472.4
L4680.0	504678.6	5409472.4	3899.19995	258.40	33.26	48.838209	-86.936241	56169.68	56282.5	-32.51	56137.17	56153.40234	56017.12031	56055.52344	504678.6	5409472.4
L4680.0	504678.6	5409470.8	3899.30005	258.22	36.09	48.838194	-86.936241	56166.86	56282.5	-32.51	56134.35	56150.76172	56014.52775	56052.97266	504678.6	5409470.8
L4680.0	504678.6	5409469.5	3899.39990	258.15	38.07	48.838182	-86.936241	56163.41	56282.5	-32.52	56130.89	56147.47656	56012.43746	56050.92188	504678.6	5409469.5
L4680.0	504678.6	5409468.2	3899.50000	256.95	36.55	48.838171	-86.936241	56160.72	56282.5	-32.52	56128.20	56144.96094	56010.31063	56048.83594	504678.6	5409468.2
L4680.0	504678.6	5409467.4	3899.60010	256.28	36.29	48.838163	-86.936241	56156.96	56282.5	-32.52	56124.44	56141.36719	56008.21137	56046.77344	504678.6	5409467.4
L4680.0	504678.6	5409466.0	3899.69995	256.61	36.29	48.838151	-86.936241	56153.38	56282.5	-32.53	56120.86	56137.95313	56006.05671	56044.65234	504678.6	5409466.0
L4680.0	504678.6	5409464.7	3899.69995	256.61	35.45	48.838139	-86.936241	56149.83	56282.5	-32.53	56117.30	56134.55469	56003.85780	56042.48828	504678.6	5409464.7
L4680.0	504678.6	5409464.7	3899.80005	257.54	39.77	48.838139	-86.936241	56147.57	56282.5	-32.53	56115.03	56132.44141	56001.53053	56040.19141	504678.6	5409464.7
L4680.0	504678.6	5409463.4	3900.00000	252.49	38.55	48.838128	-86.936241	56141.96	56282.5	-32.54	56109.42	56126.98828	55999.38422	56038.07422	504678.6	5409463.4
L4680.0	504678.6	5409461.8	3900.10010	252.87	38.55	48.838113	-86.936241	56137.59	56282.5	-32.55	56105.05	56122.76563	55997.11428	56035.83203	504678.6	5409461.8
L4680.0	504678.6	5409460.4	3900.19995	253.04	39.38	48.838100	-86.936241	56132.93	56282.6	-32.55	56100.38	56118.24219	55994.82424	56033.56641	504678.6	5409460.4
L4680.0	504678.6	5409460.4	3900.30005	255.28	37.68	48.838100	-86.936241	56130.06	56282.6	-32.56	56097.50	56115.50391	55992.37572	56031.14453	504678.6	5409460.4
L4680.0	504678.6	5409458.9	3900.39990	255.87	37.68	48.838087	-86.936241	56124.52	56282.6	-32.56	56091.95	56110.08984	55990.06714	56028.85547	504678.6	5409458.9
L4680.0	504678.6	5409457.5	3900.50000	256.14	38	48.838075	-86.936241	56120.39	56282.6	-32.57	56087.82	56106.09375	55987.62701	56026.43359	504678.6	5409457.5
L4680.0	504678.6	5409455.9	3900.60010	256.19	40.58	48.838060	-86.936241	56114.17	56282.6	-32.58	56081.60	56100.00000	55985.29066	56024.11328	504678.6	5409455.9
L4680.0	504678.6	5409454.5	3900.69995	256.96	40.58	48.838048	-86.936241	56109.82	56282.6	-32.58	56077.24	56095.76172	55982.79616	56021.63672	504678.6	5409454.5
L4680.0	504678.6	5409454.5	3900.80005	259.56	40.8	48.838048	-86.936241	56102.89	56282.6	-32.59	56070.30	56088.93750	55980.44109	56019.29297	504678.6	5409454.5
L4680.0	504678.6	5409453.1	3900.89990	258.75	37.77	48.838035	-86.936241	56097.70	56282.6	-32.59	56065.11	56083.85938	55977.93846	56016.80078	504678.6	5409453.1
L4680.0	504678.6	5409451.9	3901.00000	253.83	32.86	48.838024	-86.936241	56091.98	56282.6	-32.60	56059.38	56078.23828	55975.44275	56014.31250	504678.6	5409451.9
L4680.0	504678.6	5409450.8	3901.10010	251.34	34.28	48.838014	-86.936241	56084.86	56282.6	-32.60	56052.26	56071.21875	55973.01258	56011.88672	504678.6	5409450.8
L4680.0	504678.6	5409449.4	3901.19995	250.84	34.28	48.838002	-86.936241	56078.20	56282.6	-32.61	56045.59	56064.64453	55970.52737	56009.40234	504678.6	5409449.4
L4680.0	504678.6	5409447.7	3901.30005	252.76	36.29	48.837987	-86.936241	56071.50	56282.6	-32.61	56038.89	56058.03125	55968.02133	56006.89844	504678.6	5409447.7
L4680.0	504678.6	5409447.7	3901.39990	252.93	36.99	48.837987	-86.936241	56063.98	56282.6	-32.61	56031.37	56050.59766	55965.54949	56004.42578	504678.6	5409447.7
L4680.0	504678.6	5409446.1	3901.50000	252.52	36.99	48.837972	-86.936240	56056.83	56282.6	-32.61	56024.21	56043.51563	55963.03567	56001.90625	504678.6	5409446.1
L4680.0	504678.6	5409444.7	3901.60010	250.39	40.19	48.837960	-86.936240	56048.53	56282.6	-32.62	56015.91	56035.28516	55960.58250	55999.44531	504678.6	5409444.7
L4680.0	504678.7	5409443.5	3901.69995	250.43	39.78	48.837948	-86.936240	56041.04	56282.6	-32.62	56008.42	56027.85938	55958.06273	55996.91406	504678.7	5409443.5
L4680.0	504678.7	5409442.2	3901.69995	250.43	39.78	48.837936	-86.936240	56031.64	56282.6	-32.62	55999.02	56018.51953	55955.66059	55994.50000	504678.7	5409442.2
L4680.0	504678.7	5409442.2	3901.80005	251.85	39.87	48.837936	-86.936240	56024.30	56282.6	-32.62	55991.67	56011.22266	55953.11509	55991.94141	504678.7	5409442.2
L4680.0	504678.7	5409441.0	3902.00000	253.69	38.29	48.837926	-86.936240	56014.64	56282.6	-32.63	55982.01	56001.60938	55950.72005	55989.52734	504678.7	5409441.0

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4680.0	504678.7	5409439.6	3902.10010	253.48	38.29	48.837913	-86.936240	56004.39	56282.6	-32.64	55971.76	55991.39844	55948.36406	55987.15234	504678.7	5409439.6
L4680.0	504678.7	5409438.1	3902.19995	253.84	40.77	48.837900	-86.936240	55996.81	56282.6	-32.64	55964.16	55983.83203	55945.83450	55984.59766	504678.7	5409438.1
L4680.0	504678.7	5409436.7	3902.30005	255.00	34.31	48.837887	-86.936240	55987.09	56282.6	-32.65	55954.44	55974.13672	55943.45285	55982.19141	504678.7	5409436.7
L4680.0	504678.7	5409435.6	3902.39990	258.03	34.31	48.837877	-86.936240	55977.58	56282.7	-32.65	55944.92	55964.63672	55941.06804	55979.77734	504678.7	5409435.6
L4680.0	504678.7	5409434.1	3902.50000	258.15	34.13	48.837864	-86.936240	55967.41	56282.7	-32.66	55934.75	55954.48047	55938.74042	55977.41797	504678.7	5409434.1
L4680.0	504678.7	5409434.1	3902.60010	257.87	33.91	48.837864	-86.936240	55957.20	56282.7	-32.67	55924.53	55944.26563	55936.43377	55975.07813	504678.7	5409434.1
L4680.0	504678.7	5409432.7	3902.69995	256.71	32.6	48.837852	-86.936240	55947.13	56282.7	-32.67	55914.45	55934.18359	55934.13925	55972.74609	504678.7	5409432.7
L4680.0	504678.7	5409431.3	3902.80005	256.43	37.31	48.837839	-86.936240	55936.10	56282.7	-32.68	55903.42	55923.14453	55931.93346	55970.50000	504678.7	5409431.3
L4680.0	504678.7	5409429.9	3902.89990	257.48	37.31	48.837826	-86.936240	55926.00	56282.7	-32.68	55893.32	55913.02734	55929.69503	55968.21875	504678.7	5409429.9
L4680.0	504678.7	5409428.7	3903.00000	256.96	40.34	48.837816	-86.936240	55915.64	56282.7	-32.69	55882.95	55902.63281	55927.50798	55965.98438	504678.7	5409428.7
L4680.0	504678.7	5409427.0	3903.10010	255.55	40.32	48.837801	-86.936240	55904.86	56282.7	-32.70	55872.16	55891.81641	55925.38635	55963.81641	504678.7	5409427.0
L4680.0	504678.7	5409427.0	3903.19995	255.71	36.29	48.837801	-86.936240	55894.54	56282.7	-32.70	55861.84	55881.45703	55923.27489	55961.65234	504678.7	5409427.0
L4680.0	504678.7	5409425.4	3903.30005	255.17	36.29	48.837786	-86.936240	55882.60	56282.7	-32.71	55849.89	55869.46094	55921.31767	55959.64063	504678.7	5409425.4
L4680.0	504678.7	5409423.6	3903.39990	255.03	40.5	48.837770	-86.936240	55872.08	56282.7	-32.71	55839.36	55858.87891	55919.31543	55957.58203	504678.7	5409423.6
L4680.0	504678.7	5409422.5	3903.50000	254.76	38.34	48.837760	-86.936240	55861.47	56282.7	-32.72	55828.75	55848.21094	55917.37220	55955.57813	504678.7	5409422.5
L4680.0	504678.7	5409422.5	3903.60010	252.24	38.34	48.837760	-86.936240	55851.28	56282.7	-32.73	55818.56	55837.95703	55915.45869	55953.60156	504678.7	5409422.5
L4680.0	504678.7	5409419.9	3903.69995	251.64	37.26	48.837736	-86.936240	55839.90	56282.7	-32.73	55807.17	55826.49219	55913.68683	55951.76563	504678.7	5409419.9
L4680.0	504678.7	5409419.9	3903.69995	251.64	37.15	48.837736	-86.936240	55830.39	56282.7	-32.73	55797.66	55816.90234	55911.85521	55949.86719	504678.7	5409419.9
L4680.0	504678.7	5409418.2	3903.80005	252.85	37.15	48.837721	-86.936240	55819.46	56282.7	-32.74	55786.72	55805.87109	55910.18829	55948.12891	504678.7	5409418.2
L4680.0	504678.7	5409416.7	3904.00000	254.49	38.88	48.837708	-86.936241	55809.52	56282.8	-32.75	55776.77	55795.82813	55908.52847	55946.39453	504678.7	5409416.7
L4680.0	504678.7	5409416.7	3904.10010	254.12	37.87	48.837708	-86.936241	55800.94	56282.8	-32.75	55768.19	55787.14453	55906.85401	55944.64453	504678.7	5409416.7
L4680.0	504678.6	5409414.2	3904.19995	253.81	37.87	48.837685	-86.936241	55790.68	56282.8	-32.76	55757.92	55776.76563	55905.37241	55943.08203	504678.6	5409414.2
L4680.0	504678.6	5409414.2	3904.30005	254.85	41.59	48.837685	-86.936241	55782.25	56282.8	-32.76	55749.49	55768.21875	55903.85168	55941.48047	504678.6	5409414.2
L4680.0	504678.6	5409412.3	3904.39990	254.06	34.99	48.837667	-86.936241	55773.45	56282.8	-32.77	55740.69	55759.29297	55902.44233	55939.98438	504678.6	5409412.3
L4680.0	504678.6	5409411.0	3904.50000	254.24	34.95	48.837656	-86.936241	55766.32	56282.8	-32.77	55733.55	55752.02344	55901.01206	55938.46875	504678.6	5409411.0
L4680.0	504678.6	5409411.0	3904.60010	254.61	34.95	48.837656	-86.936241	55757.39	56282.8	-32.77	55724.61	55742.94531	55899.79438	55937.16016	504678.6	5409411.0
L4680.0	504678.6	5409409.6	3904.69995	255.26	39.07	48.837643	-86.936241	55751.37	56282.8	-32.78	55718.59	55736.78125	55898.47728	55935.75000	504678.6	5409409.6
L4680.0	504678.6	5409408.2	3904.80005	256.60	39.87	48.837631	-86.936241	55744.06	56282.8	-32.78	55711.28	55729.32031	55897.34387	55934.51953	504678.6	5409408.2
L4680.0	504678.6	5409406.8	3904.89990	257.13	41.83	48.837618	-86.936242	55738.56	56282.8	-32.79	55705.78	55723.66016	55896.18974	55933.26953	504678.6	5409406.8
L4680.0	504678.6	5409405.6	3905.00000	257.47	41.83	48.837607	-86.936242	55733.64	56282.8	-32.79	55700.85	55718.56641	55895.09958	55932.07813	504678.6	5409405.6
L4680.0	504678.6	5409403.9	3905.10010	256.62	41.88	48.837593	-86.936242	55728.98	56282.8	-32.79	55696.18	55713.72266	55894.09584	55930.96875	504678.6	5409403.9
L4680.0	504678.6	5409402.4	3905.19995	255.03	41.88	48.837579	-86.936242	55724.74	56282.8	-32.79	55691.94	55709.30469	55893.16876	55929.93750	504678.6	5409402.4
L4680.0	504678.6	5409402.4	3905.30005	254.13	41	48.837579	-86.936242	55722.09	56282.8	-32.80	55689.30	55706.48047	55892.24167	55928.90234	504678.6	5409402.4
L4680.0	504678.6	5409400.7	3905.39990	255.89	38.83	48.837564	-86.936242	55720.44	56282.8	-32.80	55687.64	55704.62891	55891.35698	55927.90625	504678.6	5409400.7
L4680.0	504678.6	5409399.3	3905.50000	256.74	38.83	48.837551	-86.936242	55718.71	56282.8	-32.80	55685.91	55702.70313	55890.58554	55927.02344	504678.6	5409399.3
L4680.0	504678.6	5409399.3	3905.60010	257.67	40.05	48.837551	-86.936242	55716.09	56282.8	-32.80	55683.28	55699.86719	55889.98327	55926.30469	504678.6	5409399.3
L4680.0	504678.6	5409396.8	3905.69995	256.69	40.05	48.837528	-86.936242	55716.62	56282.8	-32.80	55683.81	55700.19141	55889.27986	55925.48438	504678.6	5409396.8
L4680.0	504678.6	5409396.0	3905.69995	256.69	36.22	48.837521	-86.936242	55715.20	56282.8	-32.80	55682.39	55698.55469	55888.81609	55924.90234	504678.6	5409396.0
L4680.0	504678.6	5409394.3	3905.80005	255.38	34.36	48.837506	-86.936242	55717.27	56282.8	-32.81	55684.46	55700.40234	55888.22916	55924.19141	504678.6	5409394.3
L4680.0	504678.6	5409392.6	3906.00000	256.00	34.36	48.837491	-86.936242	55717.50	56282.8	-32.81	55684.69	55700.40625	55887.87403	55923.71094	504678.6	5409392.6
L4680.0	504678.6	5409392.6	3906.10010	256.06	32.88	48.837491	-86.936242	55719.77	56282.8	-32.82	55686.96	55702.44531	55887.49144	55923.20313	504678.6	5409392.6
L4680.0	504678.6	5409390.8	3906.19995	255.83	32.88	48.837474	-86.936242	55721.75	56282.8	-32.82	55688.93	55704.17969	55887.23657	55922.82031	504678.6	5409390.8
L4680.0	504678.6	5409390.8	3906.30005	254.39	37.27	48.837474	-86.936242	55725.39	56282.8	-32.83	55692.56	55707.56641	55886.97771	55922.42969	504678.6	5409390.8
L4680.0	504678.6	5409388.9	3906.39990	254.50	30.93	48.837457	-86.936242	55730.00	56282.8	-32.83	55697.16	55711.91797	55886.75961	55922.08203	504678.6	5409388.9
L4680.0	504678.6	5409387.4	3906.50000	255.51	30.93	48.837444	-86.936242	55732.46	56282.8	-32.84	55699.63	55714.13672	55886.78748	55921.97266	504678.6	5409387.4
L4680.0	504678.6	5409385.9	3906.60010	254.87	35.45	48.837430	-86.936241	55737.43	56282.8	-32.85	55704.58	55718.82813	55886.75237	55921.80469	504678.6	5409385.9
L4680.0	504678.6	5409384.6	3906.69995	255.09	35.45	48.837419	-86.936241	55741.46	56282.9	-32.85	55708.61	55722.59766	55886.87911	55921.79297	504678.6	5409384.6
L4680.0	504678.6	5409384.6	3906.80005	255.94	37.72	48.837419	-86.936241	55745.63	56282.9	-32.86	55712.77	55726.49219	55887.09571	55921.86719	504678.6	5409384.6
L4680.0	504678.7	5409382.6	3906.89990	255.52	37.72	48.837400	-86.936241	55751.64	56282.9	-32.86	55718.78	55732.23047	55887.28536	55921.91797	504678.7	5409382.6
L4680.0	504678.7	5409381.3	3907.00000	255.75	39.03	48.837389	-86.936241	55756.07	56282.9	-32.87	55723.20	55736.37500	55887.67510	55922.16406	504678.7	5409381.3
L4680.0	504678.7	5409381.3	3907.10010	256.08	38.96	48.837389	-86.936241	55763.36	56282.9	-32.87	55730.49	55743.38672	55887.96518	55922.30859	504678.7	5409381.3
L4680.0	504678.7	5409379.9	3907.19995	257.34	38.96	48.837376	-86.936241	55769.58	56282.9	-32.88	55736.70	55749.31641	55888.41638	55922.61328	504678.7	5409379.9
L4680.0	504678.7	5409378.7	3907.30005	257.25	38.94	48.837365	-86.936240	55776.69	56282.9	-32.88	55743.81	55756.14063	55888.89405	55922.94531	504678.7	5409378.7
L4680.0	504678.7	5409377.3	3907.39990	255.72	38.94	48.837353	-86.936240	55781.88	56282.9	-32.89	55748.99	55761.03125	55889.58410	55923.48438	504678.7	5409377.3
L4680.0	504678.7	5409375.8	3907.50000	257.18	38.34	48.837340	-86.936240	55789.34	56282.9	-32.89	55756.45	55768.19922	55890.20302	55923.95313	504678.7	5409375.8
L4680.0	504678.7	5409375.8	3907.60010	257.65	35.01	48.837340	-86.936240	55794.92	56282.9	-32.89	55762.03	55773.48438	55891.02525	55924.62500	504678.7	5409375.8
L4680.0	504678.7	5409374.4	3907.69995	256.63	35.01	48.837327	-86.936240	55802.36	56282.9	-32.90	55769.46	55780.61719	55891.79915	55925.24609	504678.7	5409374.4
L4680.0	504678.7	5409373.0	3907.69995	256.63	37.31	48.837314	-86.936240	55808.74	56282.9	-32.90	55775.84	55786.69922	55892.71503	55926.00781	504678.7	5409373.0
L4680.0	504678.7	5409371.3	3907.80005	256.08	37.53	48.837299	-86.936240	55815.31	56282.9	-32.90	55782.41	55792.96484	55893.68717	55926.82813	504678.7	5409371.3
L4680.0	504678.7	5409370.4	3908.00000	254.81	37.53	48.837291	-86.936240	55822.73	56282.9	-32.91	55789.82	55800.07031	55894.66916	55927.65234	504678.7	5409370.4
L4680.0	504678.7	5409370.4	3908.10010	256.02	35.92	48.837291	-86.936240	55829.73	56282.9	-32.91	55796.81	55806.75391	55895.74191	55928.57031	504678.7	5409370.4
L4680.0	504678.7	5409368.7	3908.19995	256.47	35.92	48.837276	-86.936240	55837.70	56282.9	-32.92	55804.78	55814.41406	55896.80897	55929.47656	504678.7	5409368.7
L4680.0	504678.7	5409367.0	3908.30005	257.28	35.4	48.837261	-86.936240	55843.74	56282.9	-32.92	55810.82	55820.14453	55898.06125	55930.57031	504678.7	5409367.0
L4680.0	504678.7	5409365.8	3908.39990	257.27	36.98	48.837249	-86.936240	55851.06	56282.9	-32.93	55818.13	55827.14063	55899.28232	55931.63281	504678.7	5409365.8
L4680.0	504678.7	5409365.8	3908.50000	257.46	36.98	48.837249	-86.936240	55857.94	56282.9	-32.93	55825.01	55833.70703	55900.58247	55932.77344	504678.7	5409365.8
L4680.0	504678.7	5409364.1	3908.60010	257.17	36.53	48.837235	-86.936241	55864.86	56282.9	-32.93	55831.93	55840.31250	55901.92732	55933.96094	504678.7	5409364.1
L4680.0	504678.7	5409362.5	3908.69995	257.84	32.83	48.837220	-86.936241	55871.72	56282.9	-32.94	55838.78	55846.85156	55903.32121	55935.19141	504678.7	5409362.5
L4680.0	504678.7	5409361.0	3908.80005	258.85	33.41	48.837207	-86.936241	55877.97	56282.9	-32.94	55845.03	55852.78516	55904.79651	55936.50781	504678.7	5409361.0
L4680.0	504678.7	5409361.0	3908.89990	257.18	33.41	48.837207	-86.936241	55885.13	56282.9	-32.95	55852.18	55859.61719	55906.25031	55937.79688	504678.7	5409361.0
L4680.0	504678.7	5409359.6	3909.00000	256.53	34.72	48.837193	-86.936241	55892.01	56282.9	-32.95	55859.06	55866.17969	55907.75778	55939.14453	504678.7	5409359.6
L4680.0	504678.7	5409358.2	3909.10010	257.27	38.86	48.837181	-86.936241	55898.54	56283	-32.95	55865.58	55872.38281	55909.32212	55940.54688	504678.7	5409358.2
L4680.0	504678.7	5409356.7	3909.19995	257.49	38.86	48.837168	-86.936241	55904.76	56283	-32.96	55871.80	55878.28906	55910.89713	55941.95703	504678.7	5409356.7
L4680.0	504678.7	5409356.7	3909.30005	257.85	40.8	48.837168	-86.936241	55910.40	56283	-32.96	55877.44	55883.61328	55912.54207	55943.44141	504678.7	5409356.7
L4680.0	504678.7	5409353.8	3909.39990	258.02	40.95	48.837142	-86.936241	55918.19	56283	-32.97	55885.22	55891.07422	55914.08858	55944.82422	504678.7	5409353.8
L4680.0	504678.7	5409353.8	3909.50000	256.91	38.88	48.837142	-86.936241	55922.71	56283	-32.97	55889.74	55895.28125	55915.87576	55946.44922	504678.7	5409353.8
L4680.0	504678.7	5409352.1	3909.60010	258.29	35	48.837127	-86.936241	55928.98	56283	-32.97	55896.01	55901.23828	55917.58285	55947.99219	504678.7	5409352.1
L4680.0	504678.7	5409350.2	3909.69995	259.71	35.33	48.837109	-86.936241	55934.20	56283	-32.98	55901.22	55906.13281	55919.38117	55949.62891	504678.7	5409350.2
L4680.0	504678.7	5409350.2	3909.69995	259.71	39.84	48.837109	-86.936241	55939.38	56283	-32.98	55906.41	55911.01172	55921.20251	55951.28906	504678.7	5409350.2
L4680.0	504678.7	5409348.8	3909.80005	259.68	39.84	48.837096	-86.936241	55946.12	56283	-32.98	55913.14	55917.42969	55922.95028	55952.87500	504678.7	5409348.8
L4680.0	504678.7	5409347.3	3910.00000	260.04	40.3	48.837083	-86.936241	55951.73	56283	-32.99	55918.74	55922.72266	55924.78112	55954.54297	504678.7	5409347.3
L4680.0	504678.7	5409345.9	3910.10010	257.90	39.12	48.837070	-86.936241	55957.47	56283	-32.99	55924.47	55928.14453	55926.61596	55956.21875	504678.7	5409345.9
L4680.0	504678.7	5409344.4	3910.19995	259.09	39.12	48.837057	-86.936241	55962.36	56283	-33.00	55929.36	55932.73047	55928.50871	55957.94922	504678.7	5409344.4
L4680.0	504678.7	5409344.4	3910.30005	254.43	41.36	48.837057	-86.936241	55967.26	56283	-33.00	55934.26	55937.32813	55930.40583	55959.68750	504678.7	5409344.4
L4680.0	504678.7	5409343.0	3910.39990	254.22	39.47	48.837044	-86.936241	55971.98	56283	-33.01	55938.98	55941.74609	55932.31529	55961.43750	504678.7	5409343.0
L4680.0	504678.7	5409341.6	3910.50000	253.46	38.61	48.837031	-86.936241	55977.18	56283	-33.01	55944.17	55946.63672	55934.19477	55963.15625	504678.7	5409341.6
L4680.0	504678.7	5409340.1	3910.60010	254.98	38.61	48.837018	-86.936241	55981.50	56283	-33.01	55948.49	55950.66016	55936.12121	55964.92578	504678.7	5409340.1
L4680.0	504678.7	5409338.7	3910.69995	255.17	40.68	48.837005	-86.936241	55986.28	56283	-33.02	55953.26	55955.13672	55938.01256	55966.66016	504678.7	5409338.7
L4680.0	504678.7	5409337.2	3910.80005	257.95	40.81	48.836993	-86.936241	55991.09	56283	-33.02	55958.06	55959.64844	55939.89151	55968.38281	504678.7	5409337.2
L4680.0	504678.7	5409337.2	3910.89990	257.67	41.54	48.836993	-86.936241	55994.91	56283	-33.03	55961.88	55963.17969	55941.82021	55970.15625	504678.7	5409337.2
L4680.0	504678.7	5409335.8	3911.00000	256.94	41.54	48.836980	-86.936241	55999.03	56283	-33.03	55966.00	55967.01563	55943.71678	55971.89453	504678.7	5409335.8
L4680.0	504678.7	5409334.3	3911.10010	256.37	42.93	48.836967	-86.936241	56001.96	56283	-33.03	55968.93	55969.66406	55945.68358	55973.71094	504678.7	5409334.3
L4680.0	504678.7	5409333.3	3911.19995	257.94	44	48.836957	-86.936241	56006.99	56283	-33.04	55973.95	55974.40625	55947.52930	55975.40234	504678.7	5409333.3
L4680.0	504678.7	5409331.7	3911.30005	258.02	44	48.836943	-86.936241	56011.73	56283	-33.04	55978.68	55978.86328	55949.38556	55977.10547	504678.7	5409331.7

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4680.0	504678.7	5409331.7	3911.39990	257.51	40.59	48.836943	-86.936241	56015.83	56283	-33.05	55982.78	55982.69141	55951.27400	55978.84375	504678.7	5409331.7
L4680.0	504678.7	5409330.5	3911.50000	255.54	40.15	48.836932	-86.936241	56019.97	56283.1	-33.05	55986.92	55986.56641	55953.14901	55980.57031	504678.7	5409330.5
L4680.0	504678.7	5409329.1	3911.60010	256.31	40.15	48.836919	-86.936241	56023.11	56283.1	-33.05	55990.06	55989.44141	55955.07907	55982.35156	504678.7	5409329.1
L4680.0	504678.7	5409327.4	3911.69995	258.39	41.12	48.836904	-86.936240	56026.22	56283.1	-33.06	55993.17	55992.29297	55956.99868	55984.12500	504678.7	5409327.4
L4680.0	504678.8	5409326.2	3911.69995	258.39	41.44	48.836893	-86.936240	56030.90	56283.1	-33.06	55997.84	55996.70703	55958.80108	55985.78125	504678.8	5409326.2
L4680.0	504678.8	5409324.9	3911.80005	258.09	43.08	48.836881	-86.936240	56033.00	56283.1	-33.06	55999.93	55998.54688	55960.76158	55987.59766	504678.8	5409324.9
L4680.0	504678.8	5409324.9	3912.00000	254.82	44.51	48.836881	-86.936240	56036.64	56283.1	-33.07	56003.57	56001.94141	55962.60419	55989.29688	504678.8	5409324.9
L4680.0	504678.8	5409323.0	3912.10010	254.45	44.51	48.836865	-86.936240	56040.01	56283.1	-33.07	56006.93	56005.05859	55964.45033	55991.00000	504678.8	5409323.0
L4680.0	504678.8	5409323.0	3912.19995	256.15	44.27	48.836865	-86.936240	56042.01	56283.1	-33.08	56008.93	56006.82422	55966.37144	55992.78125	504678.8	5409323.0
L4680.0	504678.8	5409321.1	3912.30005	256.24	45.72	48.836847	-86.936240	56046.40	56283.1	-33.08	56013.32	56010.98047	55968.11703	55994.38672	504678.8	5409321.1
L4680.0	504678.8	5409319.5	3912.39990	256.23	45.72	48.836833	-86.936240	56049.65	56283.1	-33.09	56016.56	56013.99219	55969.92265	55996.05469	504678.8	5409319.5
L4680.0	504678.8	5409318.3	3912.50000	257.13	39.98	48.836822	-86.936240	56053.62	56283.1	-33.10	56020.52	56017.72656	55971.66322	55997.66016	504678.8	5409318.3
L4680.0	504678.8	5409316.9	3912.60010	255.52	41.58	48.836809	-86.936240	56055.84	56283.1	-33.10	56022.74	56019.73047	55973.50239	55999.36719	504678.8	5409316.9
L4680.0	504678.8	5409316.9	3912.69995	256.08	42.4	48.836809	-86.936240	56058.42	56283.1	-33.11	56025.31	56022.08594	55975.30049	56001.03125	504678.8	5409316.9
L4680.0	504678.8	5409315.2	3912.80005	258.44	42.4	48.836794	-86.936240	56061.66	56283.1	-33.11	56028.55	56025.11719	55977.03590	56002.63672	504678.8	5409315.2
L4680.0	504678.8	5409313.8	3912.89990	256.76	41.5	48.836782	-86.936240	56063.13	56283.1	-33.12	56030.01	56026.37109	55978.87170	56004.34375	504678.8	5409313.8
L4680.0	504678.8	5409312.1	3913.00000	254.33	43.12	48.836766	-86.936240	56066.82	56283.1	-33.12	56033.70	56029.86328	55980.54035	56005.88672	504678.8	5409312.1
L4680.0	504678.8	5409310.9	3913.10010	254.91	42.36	48.836756	-86.936240	56069.10	56283.1	-33.13	56035.97	56031.93750	55982.28499	56007.50391	504678.8	5409310.9
L4680.0	504678.8	5409310.9	3913.19995	255.26	42.92	48.836756	-86.936240	56071.14	56283.1	-33.13	56038.01	56033.78906	55984.02614	56009.12109	504678.8	5409310.9
L4680.0	504678.8	5409309.5	3913.30005	255.22	42.92	48.836743	-86.936240	56074.38	56283.1	-33.14	56041.25	56036.84375	55985.66834	56010.64063	504678.8	5409309.5
L4680.0	504678.8	5409308.1	3913.39990	255.67	43.68	48.836730	-86.936240	56076.23	56283.1	-33.14	56043.08	56038.49609	55987.38550	56012.23828	504678.8	5409308.1
L4680.0	504678.8	5409306.6	3913.50000	254.95	45.03	48.836717	-86.936240	56078.56	56283.2	-33.15	56045.41	56040.65234	55989.05020	56013.78516	504678.8	5409306.6
L4680.0	504678.8	5409305.4	3913.60010	255.94	45.03	48.836706	-86.936240	56080.61	56283.2	-33.16	56047.45	56042.52344	55990.71507	56015.33203	504678.8	5409305.4
L4680.0	504678.8	5409303.8	3913.69995	256.04	42.82	48.836692	-86.936240	56082.42	56283.2	-33.16	56049.26	56044.17188	55992.37609	56016.87891	504678.8	5409303.8
L4680.0	504678.8	5409303.8	3913.69995	256.04	43.37	48.836692	-86.936240	56085.54	56283.2	-33.16	56052.38	56047.13281	55993.93059	56018.32031	504678.8	5409303.8
L4680.0	504678.8	5409301.6	3913.80005	256.60	43.23	48.836672	-86.936240	56087.23	56283.2	-33.17	56054.06	56048.66016	55995.56192	56019.83984	504678.8	5409301.6
L4680.0	504678.8	5409301.6	3914.00000	256.54	43.49	48.836672	-86.936240	56089.28	56283.2	-33.18	56056.10	56050.55078	55997.15011	56021.32031	504678.8	5409301.6
L4680.0	504678.8	5409299.8	3914.10010	255.83	43.49	48.836655	-86.936240	56090.49	56283.2	-33.18	56057.31	56051.62109	55998.77455	56022.83594	504678.8	5409299.8
L4680.0	504678.8	5409298.3	3914.19995	257.60	42.71	48.836642	-86.936240	56092.70	56283.2	-33.19	56059.51	56053.68359	56000.31399	56024.26953	504678.8	5409298.3
L4680.0	504678.8	5409297.1	3914.30005	259.23	42.71	48.836632	-86.936240	56095.43	56283.2	-33.19	56062.24	56056.28125	56001.79917	56025.65234	504678.8	5409297.1
L4680.0	504678.8	5409297.1	3914.39990	257.47	39.87	48.836632	-86.936240	56097.56	56283.2	-33.19	56064.36	56058.27344	56003.30619	56027.05859	504678.8	5409297.1
L4680.0	504678.8	5409295.7	3914.50000	256.38	40.43	48.836619	-86.936240	56099.57	56283.2	-33.19	56066.38	56060.17188	56004.80117	56028.45313	504678.8	5409295.7
L4680.0	504678.8	5409294.3	3914.60010	256.17	44.68	48.836606	-86.936241	56101.27	56283.2	-33.20	56068.07	56061.74609	56006.29956	56029.85156	504678.8	5409294.3
L4680.0	504678.8	5409292.3	3914.69995	256.55	44.68	48.836588	-86.936241	56103.12	56283.2	-33.20	56069.92	56063.48438	56007.76884	56031.22656	504678.8	5409292.3
L4680.0	504678.8	5409292.3	3914.80005	256.83	44.33	48.836588	-86.936241	56104.48	56283.2	-33.20	56071.28	56064.73828	56009.25247	56032.61719	504678.8	5409292.3
L4680.0	504678.7	5409291.2	3914.89990	259.05	44.07	48.836578	-86.936241	56106.13	56283.2	-33.21	56072.92	56066.27344	56010.69930	56033.97266	504678.7	5409291.2
L4680.0	504678.7	5409289.8	3915.00000	259.14	42.88	48.836565	-86.936241	56107.82	56283.2	-33.21	56074.61	56067.86719	56012.12480	56035.30469	504678.7	5409289.8
L4680.0	504678.7	5409288.3	3915.10010	257.52	45.28	48.836552	-86.936241	56109.71	56283.2	-33.21	56076.50	56069.66797	56013.51915	56036.61328	504678.7	5409288.3
L4680.0	504678.7	5409287.3	3915.19995	259.51	45.28	48.836544	-86.936241	56110.91	56283.2	-33.22	56077.70	56070.78125	56014.94187	56037.94922	504678.7	5409287.3
L4680.0	504678.7	5409285.9	3915.30005	259.48	42.66	48.836531	-86.936241	56112.22	56283.2	-33.22	56079.00	56071.99609	56016.34047	56039.26172	504678.7	5409285.9
L4680.0	504678.7	5409284.4	3915.39990	258.22	44.46	48.836517	-86.936241	56114.12	56283.2	-33.22	56080.90	56073.82031	56017.68180	56040.52344	504678.7	5409284.4
L4680.0	504678.7	5409283.5	3915.50000	256.85	48.01	48.836509	-86.936242	56116.33	56283.2	-33.22	56083.10	56075.94531	56018.98607	56041.74609	504678.7	5409283.5
L4680.0	504678.7	5409282.0	3915.60010	255.27	48.01	48.836496	-86.936242	56116.68	56283.2	-33.23	56083.45	56076.23047	56020.39679	56043.07813	504678.7	5409282.0
L4680.0	504678.7	5409280.6	3915.69995	254.34	49.42	48.836483	-86.936242	56118.32	56283.2	-33.23	56085.08	56077.79688	56021.70552	56044.30859	504678.7	5409280.6
L4680.0	504678.7	5409280.6	3915.69995	254.34	47.66	48.836483	-86.936242	56119.54	56283.2	-33.23	56086.31	56078.96875	56023.02444	56045.55078	504678.7	5409280.6
L4680.0	504678.7	5409279.4	3915.80005	253.55	44.53	48.836472	-86.936242	56121.10	56283.2	-33.23	56087.86	56080.46094	56024.30578	56046.76172	504678.7	5409279.4
L4680.0	504678.7	5409278.0	3916.00000	253.52	44.53	48.836459	-86.936242	56122.85	56283.2	-33.24	56089.61	56082.16406	56025.55773	56047.94141	504678.7	5409278.0
L4680.0	504678.6	5409276.5	3916.10010	252.19	44.9	48.836446	-86.936242	56123.43	56283.2	-33.24	56090.19	56082.69531	56026.87183	56049.18359	504678.6	5409276.5
L4680.0	504678.6	5409275.1	3916.19995	253.87	48.78	48.836433	-86.936242	56125.32	56283.2	-33.25	56092.08	56084.54688	56028.08298	56050.32813	504678.6	5409275.1
L4680.0	504678.6	5409273.6	3916.30005	256.63	49.64	48.836420	-86.936243	56126.85	56283.2	-33.25	56093.60	56086.02734	56029.30337	56051.48047	504678.6	5409273.6
L4680.0	504678.6	5409272.7	3916.39990	256.62	49.64	48.836412	-86.936243	56128.08	56283.3	-33.25	56094.83	56087.22656	56030.52789	56052.64063	504678.6	5409272.7
L4680.0	504678.6	5409271.2	3916.50000	254.70	47.42	48.836399	-86.936243	56129.56	56283.3	-33.25	56096.30	56088.66406	56031.72142	56053.77344	504678.6	5409271.2
L4680.0	504678.6	5409271.2	3916.60010	254.89	46.7	48.836399	-86.936243	56130.86	56283.3	-33.26	56097.61	56089.94922	56032.91082	56054.90234	504678.6	5409271.2
L4680.0	504678.6	5409269.8	3916.69995	255.30	47.85	48.836386	-86.936243	56131.93	56283.3	-33.26	56098.67	56090.98828	56034.10232	56056.03516	504678.6	5409269.8
L4680.0	504678.6	5409267.4	3916.80005	255.32	47.85	48.836364	-86.936243	56133.37	56283.3	-33.26	56100.10	56092.40234	56035.25479	56057.12891	504678.6	5409267.4
L4680.0	504678.6	5409267.4	3916.89990	256.13	47.51	48.836364	-86.936243	56134.23	56283.3	-33.27	56100.96	56093.24609	56036.43110	56058.25000	504678.6	5409267.4
L4680.0	504678.6	5409265.6	3917.00000	256.57	47.51	48.836348	-86.936243	56135.32	56283.3	-33.27	56102.05	56094.32813	56037.57813	56059.33984	504678.6	5409265.6
L4680.0	504678.6	5409265.6	3917.10010	257.42	45.99	48.836348	-86.936243	56136.63	56283.3	-33.27	56103.36	56095.62891	56038.69675	56060.40625	504678.6	5409265.6
L4680.0	504678.6	5409264.0	3917.19995	259.46	48.02	48.836334	-86.936244	56137.65	56283.3	-33.27	56104.37	56096.63672	56039.82183	56061.48047	504678.6	5409264.0
L4680.0	504678.5	5409261.9	3917.30005	258.11	48.02	48.836315	-86.936244	56138.55	56283.3	-33.28	56105.28	56097.54688	56040.94024	56062.55078	504678.5	5409261.9
L4680.0	504678.5	5409261.9	3917.39990	258.42	49.03	48.836315	-86.936244	56139.86	56283.3	-33.28	56106.58	56098.84766	56042.01951	56063.58203	504678.5	5409261.9
L4680.0	504678.5	5409260.4	3917.50000	255.52	45.46	48.836302	-86.936244	56141.08	56283.3	-33.28	56107.80	56100.07422	56043.09118	56064.60547	504678.5	5409260.4
L4680.0	504678.5	5409258.9	3917.60010	255.82	49.18	48.836288	-86.936244	56142.66	56283.3	-33.28	56109.37	56101.65234	56044.12678	56065.59766	504678.5	5409258.9
L4680.0	504678.5	5409257.5	3917.69995	257.10	49.18	48.836276	-86.936245	56144.02	56283.3	-33.28	56110.74	56103.03516	56045.16316	56066.58984	504678.5	5409257.5
L4680.0	504678.5	5409256.5	3917.69995	257.10	49.18	48.836266	-86.936245	56144.55	56283.3	-33.28	56111.26	56103.57031	56046.24386	56067.62500	504678.5	5409256.5
L4680.0	504678.5	5409255.1	3917.80005	257.33	48.84	48.836254	-86.936245	56145.69	56283.3	-33.29	56112.40	56104.72656	56047.27105	56068.61328	504678.5	5409255.1
L4680.0	504678.5	5409255.1	3918.00000	257.47	48.89	48.836254	-86.936245	56146.63	56283.3	-33.29	56113.34	56105.68750	56048.29961	56069.60156	504678.5	5409255.1
L4680.0	504678.5	5409253.5	3918.10010	256.13	49.11	48.836239	-86.936245	56147.81	56283.3	-33.29	56114.52	56106.89063	56049.30037	56070.56250	504678.5	5409253.5
L4680.0	504678.4	5409252.1	3918.19995	256.24	49.11	48.836226	-86.936245	56148.44	56283.3	-33.30	56115.14	56107.53516	56050.32685	56071.55469	504678.4	5409252.1
L4680.0	504678.4	5409250.4	3918.30005	256.10	48.94	48.836211	-86.936245	56149.18	56283.3	-33.31	56115.88	56108.30469	56051.33390	56072.52734	504678.4	5409250.4
L4680.0	504678.4	5409249.2	3918.39990	256.42	48.94	48.836201	-86.936246	56150.57	56283.3	-33.31	56117.26	56109.71484	56052.28702	56073.44531	504678.4	5409249.2
L4680.0	504678.4	5409248.0	3918.50000	256.64	37.12	48.836189	-86.936246	56151.89	56283.3	-33.32	56118.57	56111.05469	56053.23372	56074.35938	504678.4	5409248.0
L4680.0	504678.4	5409246.8	3918.60010	253.96	34.84	48.836179	-86.936246	56151.98	56283.3	-33.32	56118.66	56111.17969	56054.25084	56075.34375	504678.4	5409246.8
L4680.0	504678.4	5409246.8	3918.69995	254.51	37.09	48.836179	-86.936246	56152.80	56283.3	-33.32	56119.48	56112.03906	56055.20853	56076.26953	504678.4	5409246.8
L4680.0	504678.4	5409245.4	3918.80005	254.62	41.11	48.836166	-86.936246	56154.26	56283.3	-33.33	56120.93	56113.52734	56056.11362	56077.14453	504678.4	5409245.4
L4680.0	504678.4	5409244.0	3918.89990	253.75	41.11	48.836154	-86.936246	56155.12	56283.3	-33.33	56121.79	56114.42578	56057.04760	56078.05078	504678.4	5409244.0
L4680.0	504678.4	5409242.6	3919.00000	255.04	40.99	48.836141	-86.936246	56156.37	56283.3	-33.34	56123.03	56115.70703	56057.94595	56078.92188	504678.4	5409242.6
L4680.0	504678.4	5409241.3	3919.10010	253.82	39.24	48.836130	-86.936247	56156.48	56283.3	-33.34	56123.14	56115.86328	56058.90949	56079.85938	504678.4	5409241.3
L4680.0	504678.4	5409240.0	3919.19995	255.71	39.24	48.836118	-86.936247	56157.38	56283.3	-33.34	56124.03	56116.79688	56059.81102	56080.73438	504678.4	5409240.0
L4680.0	504678.4	5409238.5	3919.30005	254.65	42.06	48.836104	-86.936247	56158.44	56283.3	-33.34	56125.10	56117.91406	56060.69067	56081.58984	504678.4	5409238.5
L4680.0	504678.3	5409237.8	3919.39990	254.65	42.06	48.836098	-86.936247	56159.27	56283.3	-33.34	56125.92	56118.78125	56061.57725	56082.45313	504678.3	5409237.8
L4680.0	504678.3	5409236.5	3919.39990	255.70	43.13	48.836086	-86.936247	56160.56	56283.3	-33.34	56127.21	56120.12109	56062.42287	56083.27734	504678.3	5409236.5
L4680.0	504678.3	5409236.5	3919.60010	256.52	44.17	48.836086	-86.936247	56161.22	56283.3	-33.35	56127.88	56120.84375	56063.30033	56084.13281	504678.3	5409236.5
L4680.0	504678.3	5409234.8	3919.69995	257.30	44.17	48.836071	-86.936247	56162.94	56283.3	-33.35	56129.59	56122.60547	56064.09907	56084.91016	504678.3	5409234.8
L4680.0	504678.3	5409233.1	3919.69995	257.30	45.02	48.836056	-86.936247	56162.31	56283.3	-33.35	56128.96	56122.03125	56065.04452	56085.83594	504678.3	5409233.1
L4680.0	504678.3	5409232.1	3919.80005	257.30	46.28	48.836046	-86.936247	56163.88	56283.3	-33.35	56130.53	56123.65625	56065.83413	56086.60547	504678.3	5409232.1
L4680.0	504678.3	5409230.4	3919.80005	257.61	46.28	48.836032	-86.936247	56164.63	56283.3	-33.35	56131.29	56124.46875	56066.66865	56087.42188	504678.3	5409230.4
L4680.0	504678.3	5409230.4	3920.00000	256.09	46.96	48.836032	-86.936247	56166.46	56283.3	-33.35	56133.11	56126.34766	56067.42352	56088.16016	504678.3	5409230.4
L4680.0	504678.3	5409228.4	3920.10010	256.09	46.96	48.836014	-86.936248	56165.92	56283.4	-33.35	56132.57	56125.86328	56068.32680	56089.04688	504678.3	5409228.4
L4680.0	504678.3	5409227.3	3920.19995	255.69	45.65	48.836004	-86.936248	56167.22	56283.4	-33.35	56133.87	56127.22266	56069.09859	56089.80469	504678.3	5409227.3
L4680.0	504678.3	5409226.0	3920.19995	255.69	45.65	48.835992	-86.936248	56168.56	56283.4	-33.35	56135.20	56128.61328	56069.85962	56090.55078	504678.3	5409226.0
L4680.0	504678.3	5409224.7	3920.39990	254.83	48.04	48.835980	-86.936248	56169.06	56283.4	-33.35	56135.71	56129.18359	56070.66663	56091.34375	504678.3	5409224.7
L4680.0	504678.3	5409224.7	3920.60010	255.26	48.61	48.835980	-86.936248	56170.60	56283.4	-33.36	56137.25	56130.78516	56071.39634	56092.05859	504678.3	5409224.7

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4680.0	504678.3	5409223.1	3920.69995	254.59	48.61	48.835966	-86.936248	56171.26	56283.4	-33.36	56137.90	56131.49609	56072.17682	56092.82422	504678.3	5409223.1
L4680.0	504678.3	5409222.2	3920.80005	253.49	48.61	48.835957	-86.936248	56171.79	56283.4	-33.36	56138.43	56132.08594	56072.95677	56093.59375	504678.3	5409222.2
L4680.0	504678.2	5409220.4	3920.89990	254.33	47.95	48.835941	-86.936248	56172.75	56283.4	-33.36	56139.39	56133.10938	56073.69957	56094.32422	504678.2	5409220.4
L4680.0	504678.2	5409219.3	3921.00000	253.41	48.74	48.835932	-86.936249	56173.96	56283.4	-33.36	56140.60	56134.38281	56074.41728	56095.03125	504678.2	5409219.3
L4680.0	504678.2	5409217.7	3921.10010	254.25	48.74	48.835917	-86.936249	56174.30	56283.4	-33.37	56140.93	56134.77734	56075.18525	56095.78516	504678.2	5409217.7
L4680.0	504678.2	5409217.7	3921.19995	255.20	48.71	48.835917	-86.936249	56174.83	56283.4	-33.37	56141.46	56135.37109	56075.93152	56096.52344	504678.2	5409217.7
L4680.0	504678.2	5409216.1	3921.30005	256.63	48.5	48.835902	-86.936249	56175.95	56283.4	-33.38	56142.57	56136.54688	56076.63077	56097.21094	504678.2	5409216.1
L4680.0	504678.2	5409214.6	3921.39990	259.32	46.41	48.835890	-86.936249	56176.60	56283.4	-33.38	56143.21	56137.25000	56077.41700	56097.98828	504678.2	5409214.6
L4680.0	504678.2	5409214.6	3921.50000	260.16	46.41	48.835890	-86.936249	56177.56	56283.4	-33.39	56144.17	56138.27344	56078.26704	56098.82813	504678.2	5409214.6
L4680.0	504678.2	5409212.3	3921.60010	259.35	46.41	48.835869	-86.936249	56178.46	56283.4	-33.40	56145.07	56139.24219	56079.07582	56099.62891	504678.2	5409212.3
L4680.0	504678.2	5409211.0	3921.69995	260.66	48.4	48.835857	-86.936249	56179.19	56283.4	-33.40	56145.79	56140.02734	56079.84469	56100.39063	504678.2	5409211.0
L4680.0	504678.2	5409211.0	3921.69995	260.66	47.61	48.835857	-86.936249	56179.73	56283.4	-33.40	56146.33	56140.63281	56080.56932	56101.10547	504678.2	5409211.0
L4680.0	504678.2	5409209.5	3921.80005	261.26	47.61	48.835843	-86.936249	56180.14	56283.4	-33.41	56146.73	56141.09766	56081.24799	56101.77734	504678.2	5409209.5
L4680.0	504678.2	5409208.2	3922.00000	260.31	48.42	48.835832	-86.936249	56181.35	56283.4	-33.42	56147.93	56142.36328	56081.82346	56102.34375	504678.2	5409208.2
L4680.0	504678.2	5409206.3	3922.10010	261.25	48.42	48.835815	-86.936249	56181.82	56283.4	-33.42	56148.40	56142.89844	56082.38959	56102.90234	504678.2	5409206.3
L4680.0	504678.2	5409206.3	3922.19995	259.88	48.35	48.835815	-86.936249	56183.00	56283.4	-33.43	56149.57	56144.13672	56082.86200	56103.37109	504678.2	5409206.3
L4680.0	504678.2	5409204.7	3922.30005	258.11	48.35	48.835800	-86.936249	56184.13	56283.4	-33.43	56150.70	56145.33203	56083.36456	56103.86719	504678.2	5409204.7
L4680.0	504678.2	5409203.0	3922.39990	255.72	48.36	48.835785	-86.936249	56185.20	56283.4	-33.43	56151.77	56146.46875	56083.97505	56104.46875	504678.2	5409203.0
L4680.0	504678.2	5409201.7	3922.50000	255.66	48.36	48.835773	-86.936249	56186.80	56283.4	-33.43	56153.36	56148.12500	56084.54249	56105.03125	504678.2	5409201.7
L4680.0	504678.2	5409201.7	3922.60010	255.97	47.39	48.835773	-86.936249	56185.42	56283.4	-33.44	56151.98	56146.81250	56085.29952	56105.78125	504678.2	5409201.7
L4680.0	504678.2	5409200.5	3922.69995	254.49	47.39	48.835763	-86.936249	56186.54	56283.4	-33.44	56153.10	56147.99609	56085.88145	56106.35938	504678.2	5409200.5
L4680.0	504678.3	5409199.0	3922.80005	255.76	47.82	48.835749	-86.936248	56187.85	56283.4	-33.44	56154.41	56149.37500	56086.44226	56106.91406	504678.3	5409199.0
L4680.0	504678.3	5409199.0	3922.89990	256.06	47.45	48.835749	-86.936248	56189.12	56283.4	-33.45	56155.67	56150.69922	56086.99790	56107.46484	504678.3	5409199.0
L4680.0	504678.3	5409197.3	3923.00000	253.84	46.57	48.835734	-86.936248	56189.68	56283.4	-33.45	56156.23	56151.32813	56087.59170	56108.05078	504678.3	5409197.3
L4680.0	504678.3	5409195.9	3923.10010	253.30	46.57	48.835721	-86.936248	56190.36	56283.5	-33.45	56156.90	56152.06250	56088.16961	56108.62500	504678.3	5409195.9
L4680.0	504678.3	5409194.5	3923.19995	253.32	35.83	48.835709	-86.936248	56190.81	56283.5	-33.46	56157.36	56152.58984	56088.75294	56109.20313	504678.3	5409194.5
L4680.0	504678.3	5409193.1	3923.30005	255.15	40.16	48.835696	-86.936248	56191.60	56283.5	-33.46	56158.14	56153.43359	56089.30633	56109.75000	504678.3	5409193.1
L4680.0	504678.3	5409192.2	3923.39990	254.26	39.14	48.835688	-86.936247	56192.92	56283.5	-33.46	56159.46	56154.82031	56089.81508	56110.25391	504678.3	5409192.2
L4680.0	504678.4	5409190.9	3923.50000	253.17	41.49	48.835676	-86.936247	56192.93	56283.5	-33.46	56159.47	56154.89453	56090.40250	56110.83594	504678.4	5409190.9
L4680.0	504678.4	5409190.9	3923.60010	255.23	41.49	48.835676	-86.936247	56193.98	56283.5	-33.47	56160.52	56156.01172	56090.91190	56111.34375	504678.4	5409190.9
L4680.0	504678.4	5409189.1	3923.69995	255.13	45.47	48.835660	-86.936247	56194.95	56283.5	-33.47	56161.48	56157.03516	56091.41858	56111.84375	504678.4	5409189.1
L4680.0	504678.4	5409187.7	3923.69995	255.13	45.47	48.835648	-86.936247	56194.96	56283.5	-33.47	56161.49	56157.10938	56091.97986	56112.40234	504678.4	5409187.7
L4680.0	504678.4	5409186.7	3923.80005	256.34	44.58	48.835638	-86.936247	56195.68	56283.5	-33.47	56162.21	56157.89453	56092.48506	56112.90234	504678.4	5409186.7
L4680.0	504678.4	5409185.4	3924.00000	256.59	44.58	48.835627	-86.936247	56196.53	56283.5	-33.48	56163.05	56158.80078	56092.97350	56113.38281	504678.4	5409185.4
L4680.0	504678.4	5409185.4	3924.10010	257.62	42.91	48.835627	-86.936247	56197.26	56283.5	-33.48	56163.78	56159.59375	56093.46049	56113.86719	504678.4	5409185.4
L4680.0	504678.4	5409183.8	3924.19995	259.06	42.04	48.835612	-86.936246	56197.46	56283.5	-33.48	56163.98	56159.85938	56093.97402	56114.37500	504678.4	5409183.8
L4680.0	504678.4	5409182.0	3924.30005	259.28	41.5	48.835596	-86.936246	56198.09	56283.5	-33.48	56164.61	56160.55469	56094.45010	56114.84766	504678.4	5409182.0
L4680.0	504678.5	5409180.5	3924.39990	256.97	41.5	48.835583	-86.936246	56199.27	56283.5	-33.48	56165.79	56161.79688	56094.88073	56115.27344	504678.5	5409180.5
L4680.0	504678.5	5409179.4	3924.50000	254.99	41.26	48.835573	-86.936246	56197.98	56283.5	-33.48	56164.50	56160.57422	56095.46723	56115.85547	504678.5	5409179.4
L4680.0	504678.5	5409179.4	3924.60010	257.05	41.47	48.835573	-86.936246	56198.51	56283.5	-33.48	56165.03	56161.16406	56095.92362	56116.30469	504678.5	5409179.4
L4680.0	504678.5	5409178.0	3924.69995	256.12	42.14	48.835560	-86.936246	56199.72	56283.5	-33.48	56166.24	56162.43750	56096.32591	56116.70313	504678.5	5409178.0
L4680.0	504678.5	5409176.6	3924.80005	253.65	42.14	48.835547	-86.936246	56201.32	56283.5	-33.48	56167.84	56164.10156	56096.69344	56117.06641	504678.5	5409176.6
L4680.0	504678.5	5409174.7	3924.89990	253.22	40.15	48.835530	-86.936246	56200.15	56283.5	-33.48	56166.67	56162.99609	56097.23691	56117.60547	504678.5	5409174.7
L4680.0	504678.5	5409173.5	3925.00000	252.74	40.15	48.835520	-86.936245	56200.77	56283.5	-33.48	56167.29	56163.67969	56097.65234	56118.01563	504678.5	5409173.5
L4680.0	504678.5	5409173.5	3925.10010	254.22	40.76	48.835520	-86.936245	56201.88	56283.5	-33.48	56168.40	56164.85156	56098.02643	56118.38281	504678.5	5409173.5
L4680.0	504678.5	5409172.2	3925.19995	253.78	44.21	48.835508	-86.936245	56202.29	56283.5	-33.49	56168.81	56165.32422	56098.43853	56118.78906	504678.5	5409172.2
L4680.0	504678.5	5409170.8	3925.30005	254.39	44.21	48.835496	-86.936245	56202.96	56283.5	-33.49	56169.47	56166.04688	56098.82537	56119.17188	504678.5	5409170.8
L4680.0	504678.5	5409169.2	3925.39990	256.91	40.53	48.835481	-86.936245	56202.37	56283.5	-33.49	56168.88	56165.51953	56099.28698	56119.62891	504678.5	5409169.2
L4680.0	504678.6	5409168.0	3925.50000	258.16	40.53	48.835470	-86.936245	56202.68	56283.5	-33.50	56169.18	56165.88281	56099.68074	56120.01563	504678.6	5409168.0
L4680.0	504678.6	5409166.4	3925.60010	257.64	44.03	48.835456	-86.936245	56203.26	56283.5	-33.50	56169.76	56166.52734	56100.04738	56120.37891	504678.6	5409166.4
L4680.0	504678.6	5409166.4	3925.69995	254.66	44.2	48.835456	-86.936245	56204.89	56283.5	-33.50	56171.39	56168.21875	56100.33561	56120.66016	504678.6	5409166.4
L4680.0	504678.6	5409164.7	3925.69995	254.66	44.2	48.835441	-86.936245	56203.61	56283.5	-33.50	56170.10	56166.98828	56100.81016	56121.12891	504678.6	5409164.7
L4680.0	504678.6	5409163.5	3925.80005	254.19	45.09	48.835430	-86.936245	56204.31	56283.5	-33.50	56170.80	56167.75391	56101.14378	56121.45703	504678.6	5409163.5
L4680.0	504678.6	5409163.5	3926.00000	253.59	43.81	48.835430	-86.936245	56204.04	56283.5	-33.51	56170.53	56167.54297	56101.53386	56121.84375	504678.6	5409163.5
L4680.0	504678.6	5409161.9	3926.10010	255.34	43.81	48.835415	-86.936244	56204.81	56283.5	-33.51	56171.30	56168.37500	56101.84648	56122.14844	504678.6	5409161.9
L4680.0	504678.6	5409160.8	3926.19995	257.03	41.05	48.835405	-86.936244	56205.71	56283.5	-33.52	56172.20	56169.33594	56102.14239	56122.44141	504678.6	5409160.8
L4680.0	504678.6	5409159.4	3926.30005	256.46	41.05	48.835392	-86.936244	56205.96	56283.5	-33.52	56172.45	56169.64844	56102.47367	56122.76563	504678.6	5409159.4
L4680.0	504678.6	5409158.2	3926.39990	256.47	42.13	48.835382	-86.936244	56204.72	56283.5	-33.52	56171.20	56168.46094	56102.89707	56123.18359	504678.6	5409158.2
L4680.0	504678.6	5409156.8	3926.50000	256.26	44.37	48.835370	-86.936244	56205.28	56283.5	-33.53	56171.75	56169.07422	56103.19270	56123.47266	504678.6	5409156.8
L4680.0	504678.6	5409155.6	3926.60010	255.36	44.37	48.835358	-86.936245	56205.64	56283.5	-33.53	56172.11	56169.49609	56103.49332	56123.76953	504678.6	5409155.6
L4680.0	504678.6	5409154.2	3926.69995	256.01	42.88	48.835346	-86.936245	56206.53	56283.5	-33.53	56173.00	56170.44531	56103.75102	56124.01953	504678.6	5409154.2
L4680.0	504678.6	5409154.2	3926.80005	256.83	45.09	48.835346	-86.936245	56205.99	56283.5	-33.53	56172.46	56169.96875	56104.09658	56124.36328	504678.6	5409154.2
L4680.0	504678.6	5409152.4	3926.89990	257.17	45.09	48.835330	-86.936245	56206.27	56283.5	-33.54	56172.73	56170.30078	56104.38078	56124.64063	504678.6	5409152.4
L4680.0	504678.6	5409151.0	3927.00000	256.00	38.39	48.835317	-86.936245	56206.09	56283.5	-33.54	56172.55	56170.17969	56104.68771	56124.94141	504678.6	5409151.0
L4680.0	504678.6	5409151.0	3927.10010	256.27	38.39	48.835317	-86.936245	56206.32	56283.5	-33.54	56172.78	56170.47266	56104.96017	56125.20703	504678.6	5409151.0
L4680.0	504678.6	5409149.1	3927.19995	256.26	40.84	48.835300	-86.936245	56206.44	56283.5	-33.54	56172.90	56170.65234	56105.23293	56125.47656	504678.6	5409149.1
L4680.0	504678.6	5409147.7	3927.30005	258.01	40.01	48.835287	-86.936245	56206.50	56283.5	-33.54	56172.96	56170.77734	56105.50278	56125.74219	504678.6	5409147.7
L4680.0	504678.6	5409145.8	3927.39990	256.96	40.01	48.835270	-86.936245	56206.68	56283.5	-33.54	56173.14	56171.01953	56105.75784	56125.99219	504678.6	5409145.8
L4680.0	504678.6	5409145.8	3927.50000	257.84	44.98	48.835270	-86.936245	56206.56	56283.5	-33.54	56173.02	56170.96094	56106.02622	56126.25391	504678.6	5409145.8
L4680.0	504678.5	5409144.4	3927.60010	256.54	42.8	48.835257	-86.936245	56206.73	56283.5	-33.55	56173.18	56171.18359	56106.26938	56126.49219	504678.5	5409144.4
L4680.0	504678.5	5409142.7	3927.69995	257.11	42.8	48.835242	-86.936245	56206.68	56283.5	-33.55	56173.13	56171.19531	56106.52010	56126.73828	504678.5	5409142.7
L4680.0	504678.5	5409142.7	3927.69995	257.11	45.43	48.835242	-86.936245	56206.62	56283.5	-33.55	56173.07	56171.19531	56106.76516	56126.98047	504678.5	5409142.7
L4680.0	504678.5	5409141.0	3927.80005	257.95	45.58	48.835227	-86.936245	56205.94	56283.5	-33.55	56172.39	56170.57813	56107.04536	56127.25781	504678.5	5409141.0
L4680.0	504678.5	5409139.8	3928.00000	252.88	45.58	48.835217	-86.936246	56205.79	56283.6	-33.55	56172.24	56170.49219	56107.28413	56127.49219	504678.5	5409139.8
L4680.0	504678.5	5409138.1	3928.10010	253.16	40	48.835201	-86.936246	56206.38	56283.6	-33.55	56172.82	56171.13281	56107.46825	56127.67188	504678.5	5409138.1
L4680.0	504678.5	5409138.1	3928.19995	252.80	41.82	48.835201	-86.936246	56205.69	56283.6	-33.56	56172.13	56170.50781	56107.73117	56127.93359	504678.5	5409138.1
L4680.0	504678.5	5409136.7	3928.30005	254.58	41.82	48.835188	-86.936246	56206.73	56283.6	-33.56	56173.17	56171.60938	56107.87299	56128.07031	504678.5	5409136.7
L4680.0	504678.5	5409135.2	3928.39990	256.44	43.17	48.835175	-86.936246	56205.36	56283.6	-33.56	56171.80	56170.30469	56108.16981	56128.36719	504678.5	5409135.2
L4680.0	504678.5	5409133.8	3928.50000	255.51	43.17	48.835162	-86.936246	56206.27	56283.6	-33.57	56172.70	56171.26953	56108.30973	56128.50391	504678.5	5409133.8
L4680.0	504678.5	5409132.4	3928.60010	256.41	41.87	48.835150	-86.936246	56206.27	56283.6	-33.57	56172.70	56171.33203	56108.50417	56128.69531	504678.5	5409132.4
L4680.0	504678.5	5409132.4	3928.69995	256.04	44.76	48.835150	-86.936246	56206.22	56283.6	-33.57	56172.65	56171.34766	56108.69655	56128.88672	504678.5	5409132.4
L4680.0	504678.5	5409129.8	3928.80005	256.65	44.76	48.835127	-86.936246	56206.66	56283.6	-33.57	56173.09	56171.85156	56108.85094	56129.04297	504678.5	5409129.8
L4680.0	504678.5	5409129.8	3928.89990	254.57	45.85	48.835127	-86.936246	56205.41	56283.6	-33.58	56171.83	56170.65625	56109.11342	56129.30469	504678.5	5409129.8
L4680.0	504678.5	5409127.9	3929.00000	254.52	45.85	48.835109	-86.936246	56205.89	56283.6	-33.58	56172.31	56171.20313	56109.25472	56129.44531	504678.5	5409127.9
L4680.0	504678.5	5409126.3	3929.10010	254.30	44.01	48.835095	-86.936246	56205.55	56283.6	-33.58	56171.97	56170.92969	56109.44556	56129.63672	504678.5	5409126.3
L4680.0	504678.5	5409125.1	3929.19995	257.39	44.01	48.835084	-86.936246	56206.03	56283.6	-33.58	56172.45	56171.47266	56109.57667	56129.76953	504678.5	5409125.1
L4680.0	504678.5	5409125.1	3929.30005	255.24	42.03	48.835084	-86.936246	56206.55	56283.6	-33.58	56172.97	56172.06250	56109.70008	56129.89453	504678.5	5409125.1
L4680.0	504678.5	5409123.2	3929.39990	255.12	39.28	48.835067	-86.936246	56206.86	56283.6	-33.58	56173.27	56172.42969	56109.83317	56130.03125	504678.5	5409123.2
L4680.0	504678.5	5409122.0	3929.50000	256.09	39.28	48.835056	-86.936246	56206.94	56283.6	-33.58	56173.36	56172.58594	56109.97529	56130.17578	504678.5	5409122.0
L4680.0	504678.5	5409122.0	3929.60010	257.11	40.23	48.835056	-86.936246	56206.70	56283.6	-33.59	56173.12	56172.41406	56110.13448	56130.33984	504678.5	5409122.0
L4680.0	504678.5	5409120.3	3929.69995	257.33	44.69	48.835041	-86.936246	56207.39	56283.6	-33.59	56173.80	56173.16406	56110.22740	56130.43750	504678.5	5409120.3
L4680.0	504678.5	5409118.4	3929.69995	257.33	44.69	48.835024	-86.936246	56206.48	56283.6	-33.59	56172.90	56172.33203	56110.42073	56130.63672	504678.5	5409118.4
L4680.0	504678.5	5409118.4	3929.80005	257.96	38.84	48.835024	-86.936246	56207.19	56283.6	-33.59	56173.60	56173.10156	56110.50246	56130.72656	504678.5	5409118.4

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4680.0	504678.5	5409116.9	3930.00000	256.74	40.21	48.835010	-86.936246	56207.15	56283.6	-33.59	56173.56	56173.13281	56110.62860	56130.85938	504678.5	5409116.9
L4680.0	504678.5	5409115.5	3930.10010	257.01	40.21	48.834998	-86.936246	56207.41	56283.6	-33.59	56173.82	56173.46484	56110.72979	56130.96875	504678.5	5409115.5
L4680.0	504678.5	5409113.6	3930.19995	257.78	45.92	48.834981	-86.936246	56207.48	56283.6	-33.59	56173.88	56173.59375	56110.83935	56131.08984	504678.5	5409113.6
L4680.0	504678.5	5409112.2	3930.30005	259.64	50.01	48.834968	-86.936246	56207.14	56283.6	-33.60	56173.54	56173.32813	56110.97056	56131.23047	504678.5	5409112.2
L4680.0	504678.5	5409112.2	3930.39990	258.56	50.01	48.834968	-86.936246	56207.30	56283.6	-33.60	56173.70	56173.55859	56111.06341	56131.33594	504678.5	5409112.2
L4680.0	504678.5	5409110.5	3930.50000	257.84	50.04	48.834953	-86.936246	56207.81	56283.6	-33.60	56174.21	56174.14453	56111.12785	56131.41406	504678.5	5409110.5
L4680.0	504678.5	5409108.6	3930.60010	259.10	50.04	48.834936	-86.936246	56208.00	56283.6	-33.60	56174.39	56174.39844	56111.20916	56131.50781	504678.5	5409108.6
L4680.0	504678.5	5409108.6	3930.69995	258.04	44.27	48.834936	-86.936246	56208.46	56283.6	-33.60	56174.86	56174.94141	56111.26596	56131.58203	504678.5	5409108.6
L4680.0	504678.5	5409107.2	3930.80005	259.25	43.2	48.834923	-86.936246	56208.72	56283.6	-33.61	56175.12	56175.27734	56111.33152	56131.66406	504678.5	5409107.2
L4680.0	504678.5	5409105.3	3930.89990	256.98	48.89	48.834906	-86.936246	56208.70	56283.6	-33.61	56175.09	56175.32813	56111.41112	56131.76172	504678.5	5409105.3
L4680.0	504678.5	5409105.3	3931.00000	256.44	48.89	48.834906	-86.936246	56208.37	56283.6	-33.61	56174.76	56175.07422	56111.50536	56131.87500	504678.5	5409105.3
L4680.0	504678.5	5409103.8	3931.10010	258.73	47.27	48.834893	-86.936246	56208.02	56283.6	-33.61	56174.41	56174.80469	56111.59549	56131.98828	504678.5	5409103.8
L4680.0	504678.5	5409102.4	3931.19995	259.78	47.27	48.834880	-86.936246	56208.63	56283.6	-33.61	56175.01	56175.48438	56111.61678	56132.03125	504678.5	5409102.4
L4680.0	504678.5	5409101.2	3931.30005	258.15	49.52	48.834869	-86.936246	56209.48	56283.6	-33.61	56175.87	56176.42188	56111.61515	56132.05078	504678.5	5409101.2
L4680.0	504678.5	5409101.2	3931.39990	255.08	43.88	48.834869	-86.936246	56210.28	56283.6	-33.61	56176.67	56177.30469	56111.61186	56132.07422	504678.5	5409101.2
L4680.0	504678.5	5409099.0	3931.50000	254.61	43.88	48.834849	-86.936246	56208.52	56283.6	-33.62	56174.90	56175.61719	56111.77416	56132.26563	504678.5	5409099.0
L4680.0	504678.5	5409097.4	3931.60010	255.13	42.89	48.834835	-86.936246	56208.39	56283.6	-33.62	56174.78	56175.58203	56111.82063	56132.33984	504678.5	5409097.4
L4680.0	504678.5	5409097.4	3931.69995	255.88	42.89	48.834835	-86.936246	56209.51	56283.6	-33.62	56175.89	56176.77734	56111.77919	56132.32813	504678.5	5409097.4
L4680.0	504678.5	5409095.7	3931.69995	255.88	47.24	48.834820	-86.936246	56210.31	56283.6	-33.62	56176.70	56177.67188	56111.75176	56132.33203	504678.5	5409095.7
L4680.0	504678.5	5409094.3	3931.80005	257.87	47.08	48.834807	-86.936246	56210.50	56283.6	-33.62	56176.89	56177.94922	56111.75958	56132.37500	504678.5	5409094.3
L4680.0	504678.5	5409092.8	3932.00000	255.53	47.08	48.834794	-86.936246	56210.52	56283.6	-33.62	56176.90	56178.04688	56111.77325	56132.42188	504678.5	5409092.8
L4680.0	504678.5	5409091.4	3932.10010	254.06	47.15	48.834781	-86.936246	56210.62	56283.6	-33.62	56177.00	56178.23828	56111.77469	56132.46484	504678.5	5409091.4
L4680.0	504678.5	5409090.2	3932.19995	254.08	47.15	48.834770	-86.936246	56210.53	56283.6	-33.63	56176.90	56178.22656	56111.78314	56132.51172	504678.5	5409090.2
L4680.0	504678.5	5409090.2	3932.30005	253.61	45.89	48.834770	-86.936246	56210.77	56283.6	-33.63	56177.13	56178.55078	56111.76320	56132.53125	504678.5	5409090.2
L4680.0	504678.5	5409088.8	3932.39990	254.86	37.77	48.834757	-86.936246	56211.10	56283.6	-33.64	56177.46	56178.97266	56111.73012	56132.54297	504678.5	5409088.8
L4680.0	504678.5	5409087.0	3932.50000	254.32	37.77	48.834742	-86.936246	56210.30	56283.6	-33.64	56176.66	56178.26953	56111.76584	56132.62500	504678.5	5409087.0
L4680.0	504678.5	5409085.9	3932.60010	255.27	37.77	48.834731	-86.936246	56209.90	56283.6	-33.64	56176.26	56177.96484	56111.76830	56132.67578	504678.5	5409085.9
L4680.0	504678.5	5409084.6	3932.69995	255.56	41.12	48.834720	-86.936246	56210.59	56283.6	-33.65	56176.94	56178.74219	56111.69208	56132.64844	504678.5	5409084.6
L4680.0	504678.5	5409084.6	3932.80005	255.53	42.73	48.834720	-86.936246	56211.05	56283.7	-33.65	56177.39	56179.29297	56111.62448	56132.63281	504678.5	5409084.6
L4680.0	504678.5	5409083.0	3932.89990	254.19	43.63	48.834705	-86.936246	56210.68	56283.7	-33.66	56177.02	56179.02344	56111.60476	56132.66797	504678.5	5409083.0
L4680.0	504678.5	5409080.5	3933.00000	256.25	43.63	48.834683	-86.936246	56210.79	56283.7	-33.66	56177.13	56179.23438	56111.54622	56132.66797	504678.5	5409080.5
L4680.0	504678.5	5409080.5	3933.10010	257.43	40.4	48.834683	-86.936246	56210.67	56283.7	-33.66	56177.01	56179.21875	56111.49613	56132.67969	504678.5	5409080.5
L4680.0	504678.5	5409079.4	3933.19995	257.74	40.4	48.834673	-86.936246	56210.61	56283.7	-33.66	56176.94	56179.25781	56111.43580	56132.67969	504678.5	5409079.4
L4680.0	504678.5	5409078.0	3933.30005	256.99	41.11	48.834660	-86.936246	56210.56	56283.7	-33.67	56176.90	56179.32422	56111.36652	56132.67578	504678.5	5409078.0
L4680.0	504678.5	5409076.3	3933.39990	257.45	41.11	48.834645	-86.936246	56210.39	56283.7	-33.67	56176.72	56179.25391	56111.29960	56132.67578	504678.5	5409076.3
L4680.0	504678.5	5409076.3	3933.50000	258.66	45.61	48.834645	-86.936246	56210.07	56283.7	-33.67	56176.40	56179.04297	56111.23502	56132.67969	504678.5	5409076.3
L4680.0	504678.5	5409074.6	3933.60010	259.16	45.61	48.834630	-86.936246	56208.90	56283.7	-33.67	56175.23	56177.98828	56111.22008	56132.73828	504678.5	5409074.6
L4680.0	504678.5	5409072.9	3933.69995	257.51	45.08	48.834614	-86.936246	56209.41	56283.7	-33.67	56175.73	56178.60156	56111.08677	56132.67969	504678.5	5409072.9
L4680.0	504678.5	5409071.5	3933.69995	257.51	39.18	48.834602	-86.936246	56209.90	56283.7	-33.67	56176.23	56179.21875	56110.94643	56132.61719	504678.5	5409071.5
L4680.0	504678.5	5409071.5	3933.80005	253.87	40.9	48.834602	-86.936246	56209.56	56283.7	-33.68	56175.89	56179.00000	56110.85504	56132.60547	504678.5	5409071.5
L4680.0	504678.5	5409070.0	3934.00000	255.56	40.9	48.834588	-86.936246	56209.65	56283.7	-33.68	56175.97	56179.19922	56110.72860	56132.56250	504678.5	5409070.0
L4680.0	504678.5	5409068.6	3934.10010	255.16	42.53	48.834576	-86.936246	56209.31	56283.7	-33.68	56175.63	56178.98438	56110.62313	56132.54297	504678.5	5409068.6
L4680.0	504678.5	5409066.9	3934.19995	254.42	42.75	48.834561	-86.936246	56207.91	56283.7	-33.68	56174.23	56177.70703	56110.58130	56132.59375	504678.5	5409066.9
L4680.0	504678.5	5409065.3	3934.30005	252.02	42.75	48.834546	-86.936246	56209.13	56283.7	-33.69	56175.45	56179.05469	56110.35780	56132.46094	504678.5	5409065.3
L4680.0	504678.5	5409065.3	3934.39990	250.22	41.7	48.834546	-86.936246	56207.95	56283.7	-33.69	56174.26	56177.99609	56110.28796	56132.48438	504678.5	5409065.3
L4680.0	504678.5	5409063.6	3934.50000	250.16	41.7	48.834531	-86.936246	56207.96	56283.7	-33.69	56174.27	56178.13672	56110.13116	56132.42578	504678.5	5409063.6
L4680.0	504678.6	5409061.9	3934.60010	251.34	44.89	48.834516	-86.936246	56206.70	56283.7	-33.69	56173.01	56177.01172	56110.05207	56132.44922	504678.6	5409061.9
L4680.0	504678.6	5409061.9	3934.69995	252.89	44.89	48.834516	-86.936246	56207.53	56283.7	-33.69	56173.83	56177.96875	56109.82740	56132.32813	504678.6	5409061.9
L4680.0	504678.6	5409060.5	3934.80005	254.14	44.76	48.834503	-86.936246	56206.74	56283.7	-33.70	56173.04	56177.32031	56109.70317	56132.31250	504678.6	5409060.5
L4680.0	504678.6	5409059.1	3934.89990	252.28	42.51	48.834490	-86.936246	56205.63	56283.7	-33.70	56171.93	56176.35156	56109.59341	56132.31250	504678.6	5409059.1
L4680.0	504678.6	5409057.8	3935.00000	253.62	42.86	48.834479	-86.936246	56206.07	56283.7	-33.70	56172.37	56176.93359	56109.37350	56132.20703	504678.6	5409057.8
L4680.0	504678.6	5409056.7	3935.10010	254.33	42.86	48.834469	-86.936246	56205.54	56283.7	-33.70	56171.83	56176.54297	56109.21214	56132.16406	504678.6	5409056.7
L4680.0	504678.6	5409056.7	3935.19995	256.76	43.12	48.834469	-86.936246	56205.54	56283.7	-33.71	56171.83	56176.69141	56109.00802	56132.07813	504678.6	5409056.7
L4680.0	504678.6	5409054.8	3935.30005	254.85	43.12	48.834452	-86.936246	56205.16	56283.7	-33.71	56171.44	56176.45313	56108.82318	56132.01953	504678.6	5409054.8
L4680.0	504678.6	5409053.1	3935.39990	252.83	41.36	48.834436	-86.936246	56205.00	56283.7	-33.72	56171.28	56176.44922	56108.61632	56131.93750	504678.6	5409053.1
L4680.0	504678.6	5409051.9	3935.50000	254.24	41.36	48.834426	-86.936246	56203.90	56283.7	-33.72	56170.18	56175.50781	56108.46548	56131.91797	504678.6	5409051.9
L4680.0	504678.6	5409051.9	3935.60010	256.89	44.09	48.834426	-86.936246	56203.21	56283.7	-33.72	56169.49	56174.97656	56108.28069	56131.86719	504678.6	5409051.9
L4680.0	504678.6	5409050.5	3935.69995	257.40	42.89	48.834413	-86.936246	56203.14	56283.7	-33.73	56169.41	56175.06250	56108.04865	56131.76953	504678.6	5409050.5
L4680.0	504678.6	5409049.0	3935.69995	257.40	42.89	48.834399	-86.936246	56202.50	56283.7	-33.73	56168.77	56174.58594	56107.84738	56131.71094	504678.6	5409049.0
L4680.0	504678.6	5409047.8	3935.80005	256.30	38.08	48.834389	-86.936246	56202.68	56283.7	-33.73	56168.95	56174.93750	56107.58492	56131.58984	504678.6	5409047.8
L4680.0	504678.6	5409046.4	3936.00000	256.45	38.08	48.834376	-86.936246	56202.47	56283.7	-33.74	56168.73	56174.89063	56107.34261	56131.49609	504678.6	5409046.4
L4680.0	504678.6	5409044.9	3936.10010	256.32	45.71	48.834363	-86.936246	56201.91	56283.7	-33.74	56168.17	56174.50391	56107.11647	56131.41797	504678.6	5409044.9
L4680.0	504678.6	5409044.9	3936.19995	255.77	46.71	48.834363	-86.936246	56200.84	56283.7	-33.74	56167.10	56173.61328	56106.91786	56131.37500	504678.6	5409044.9
L4680.0	504678.6	5409042.9	3936.30005	253.47	46.71	48.834345	-86.936246	56200.71	56283.7	-33.74	56166.97	56173.66406	56106.65011	56131.26563	504678.6	5409042.9
L4680.0	504678.6	5409041.4	3936.39990	255.61	39.78	48.834331	-86.936245	56199.79	56283.7	-33.74	56166.05	56172.92969	56106.42857	56131.20313	504678.6	5409041.4
L4680.0	504678.6	5409039.9	3936.50000	257.06	39.78	48.834318	-86.936245	56199.64	56283.7	-33.74	56165.90	56172.96875	56106.14922	56131.08984	504678.6	5409039.9
L4680.0	504678.6	5409038.7	3936.60010	257.64	45.33	48.834307	-86.936245	56198.13	56283.7	-33.74	56164.39	56171.64844	56105.95407	56131.06250	504678.6	5409038.7
L4680.0	504678.6	5409038.7	3936.69995	256.51	47.65	48.834307	-86.936245	56198.38	56283.7	-33.74	56164.64	56172.09375	56105.63509	56130.91406	504678.6	5409038.7
L4680.0	504678.7	5409037.0	3936.80005	255.23	47.65	48.834292	-86.936245	56198.72	56283.7	-33.74	56164.98	56172.63281	56105.30360	56130.75781	504678.7	5409037.0
L4680.0	504678.7	5409035.8	3936.89990	255.06	44.37	48.834281	-86.936245	56198.63	56283.7	-33.74	56164.89	56172.74219	56104.99424	56130.62500	504678.7	5409035.8
L4680.0	504678.7	5409034.4	3937.00000	254.46	45.64	48.834268	-86.936245	56198.36	56283.7	-33.74	56164.62	56172.67969	56104.69030	56130.50391	504678.7	5409034.4
L4680.0	504678.7	5409034.4	3937.10010	254.84	45.64	48.834268	-86.936245	56197.32	56283.7	-33.74	56163.57	56171.83594	56104.43175	56130.42969	504678.7	5409034.4
L4680.0	504678.7	5409032.7	3937.19995	254.88	47.42	48.834253	-86.936244	56196.38	56283.7	-33.75	56162.63	56171.10938	56104.15919	56130.34375	504678.7	5409032.7
L4680.0	504678.7	5409030.9	3937.30005	254.39	43.28	48.834237	-86.936244	56196.49	56283.8	-33.75	56162.74	56171.43359	56103.80991	56130.18750	504678.7	5409030.9
L4680.0	504678.7	5409030.9	3937.39990	252.89	43.28	48.834237	-86.936244	56195.96	56283.8	-33.76	56162.21	56171.12500	56103.49650	56130.07031	504678.7	5409030.9
L4680.0	504678.8	5409029.6	3937.50000	255.88	47.79	48.834225	-86.936244	56196.20	56283.8	-33.76	56162.44	56171.57813	56103.12555	56129.89453	504678.8	5409029.6
L4680.0	504678.8	5409027.9	3937.60010	258.63	47.79	48.834210	-86.936243	56194.94	56283.8	-33.76	56161.17	56170.53125	56102.84766	56129.82031	504678.8	5409027.9
L4680.0	504678.8	5409026.3	3937.69995	257.36	44.92	48.834195	-86.936243	56195.55	56283.8	-33.77	56161.78	56171.37109	56102.43739	56129.61328	504678.8	5409026.3
L4680.0	504678.8	5409024.8	3937.69995	257.36	46.26	48.834182	-86.936243	56194.10	56283.8	-33.77	56160.33	56170.15625	56102.15732	56129.54297	504678.8	5409024.8
L4680.0	504678.8	5409024.8	3937.80005	256.88	46.26	48.834182	-86.936243	56194.74	56283.8	-33.77	56160.97	56171.03125	56101.73068	56129.32813	504678.8	5409024.8
L4680.0	504678.8	5409023.1	3938.00000	256.41	46.94	48.834166	-86.936242	56193.64	56283.8	-33.78	56159.86	56170.16406	56101.41335	56129.22266	504678.8	5409023.1
L4680.0	504678.9	5409021.4	3938.10010	257.50	46.94	48.834151	-86.936242	56193.59	56283.8	-33.78	56159.81	56170.35938	56101.01789	56129.04688	504678.9	5409021.4
L4680.0	504678.9	5409019.7	3938.19995	260.63	44.37	48.834136	-86.936242	56194.38	56283.8	-33.78	56160.60	56171.39453	56100.58738	56128.83594	504678.9	5409019.7
L4680.0	504678.9	5409019.7	3938.30005	259.60	39.07	48.834136	-86.936242	56192.79	56283.8	-33.78	56159.01	56170.05859	56100.36996	56128.84375	504678.9	5409019.7
L4680.0	504678.9	5409018.3	3938.39990	259.67	39.07	48.834123	-86.936242	56192.96	56283.8	-33.78	56159.17	56170.47266	56099.99048	56128.69141	504678.9	5409018.3
L4680.0	504678.9	5409018.3	3938.50000	259.84	39.75	48.834123	-86.936242	56192.08	56283.8	-33.79	56158.29	56169.85547	56099.62845	56128.55859	504678.9	5409018.3
L4680.0	504678.9	5409016.4	3938.60010	260.72	39.75	48.834106	-86.936241	56192.77	56283.8	-33.79	56158.98	56170.80859	56099.11719	56128.28125	504678.9	5409016.4
L4680.0	504678.9	5409015.0	3938.69995	260.02	44.44	48.834094	-86.936241	56191.70	56283.8	-33.79	56157.91	56170.00391	56098.66949	56128.07031	504678.9	5409015.0
L4680.0	504679.0	5409013.6	3938.80005	258.13	44.11	48.834081	-86.936241	56191.38	56283.8	-33.79	56157.60	56169.96484	56098.15338	56127.78906	504679.0	5409013.6
L4680.0	504679.0	5409012.3	3938.89990	257.02	44.11	48.834069	-86.936241	56191.66	56283.8	-33.79	56157.88	56170.51953	56097.67125	56127.55078	504679.0	5409012.3
L4680.0	504679.0	5409010.5	3939.00000	257.60	46.11	48.834054	-86.936241	56191.06	56283.8	-33.79	56157.27	56170.18750	56097.23968	56127.36328	504679.0	5409010.5
L4680.0	504679.0	5409010.5	3939.10010	257.58	44.04	48.834054	-86.936241	56190.73	56283.8	-33.79	56156.94	56170.14063	56096.78053	56127.14844	504679.0	5409010.5
L4680.0	504679.0	5409008.1	3939.19995	254.88	44.04	48.834032	-86.936241	56190.61	56283.8	-33.79	56156.81	56170.29688	56096.29894	56126.91797	504679.0	5409008.1

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4680.0	504679.0	5409008.1	3939.30005	255.71	43.98	48.834032	-86.936241	56190.21	56283.8	-33.80	56156.42	56170.19531	56095.82544	56126.69531	504679.0	5409008.1
L4680.0	504678.9	5409006.3	3939.39990	256.36	46.47	48.834015	-86.936241	56189.62	56283.8	-33.80	56155.82	56169.89063	56095.35651	56126.48047	504678.9	5409006.3
L4680.0	504678.9	5409005.1	3939.50000	256.19	46.92	48.834005	-86.936241	56189.10	56283.8	-33.80	56155.30	56169.66406	56094.87265	56126.25391	504678.9	5409005.1
L4680.0	504678.9	5409003.7	3939.60010	255.95	46.92	48.833993	-86.936241	56188.56	56283.8	-33.80	56154.76	56169.42578	56094.38037	56126.01953	504678.9	5409003.7
L4680.0	504678.9	5409003.7	3939.69995	253.79	43.19	48.833993	-86.936241	56188.16	56283.8	-33.80	56154.36	56169.33203	56093.86883	56125.76953	504678.9	5409003.7
L4680.0	504678.9	5409002.1	3939.69995	253.79	43.19	48.833977	-86.936242	56187.84	56283.8	-33.80	56154.04	56169.32031	56093.34186	56125.50391	504678.9	5409002.1
L4680.0	504678.9	5409000.4	3939.80005	253.00	46.02	48.833962	-86.936242	56186.04	56283.8	-33.81	56152.23	56167.82031	56092.90395	56125.33203	504678.9	5409000.4
L4680.0	504678.9	5408999.0	3940.00000	255.05	46.02	48.833950	-86.936242	56186.64	56283.8	-33.81	56152.83	56168.73438	56092.29495	56124.98828	504678.9	5408999.0
L4680.0	504678.9	5408999.0	3940.10010	255.07	46.69	48.833950	-86.936242	56186.34	56283.8	-33.81	56152.53	56168.75391	56091.73534	56124.69922	504678.9	5408999.0
L4680.0	504678.9	5408997.3	3940.19995	256.01	47.91	48.833935	-86.936242	56184.71	56283.8	-33.82	56150.90	56167.44531	56091.25363	56124.48828	504678.9	5408997.3
L4680.0	504678.9	5408997.3	3940.30005	257.16	47.91	48.833935	-86.936242	56184.34	56283.8	-33.82	56150.53	56167.39844	56090.67699	56124.18359	504678.9	5408997.3
L4680.0	504678.9	5408994.3	3940.39990	255.81	44.17	48.833908	-86.936243	56183.40	56283.8	-33.82	56149.58	56166.77734	56090.12791	56123.90625	504678.9	5408994.3
L4680.0	504678.9	5408992.9	3940.50000	258.35	47.09	48.833895	-86.936243	56183.68	56283.8	-33.82	56149.86	56167.39063	56089.48557	56123.53906	504678.9	5408992.9
L4680.0	504678.8	5408991.7	3940.60010	256.37	47.09	48.833884	-86.936243	56183.27	56283.8	-33.83	56149.44	56167.30469	56088.87846	56123.20703	504678.8	5408991.7
L4680.0	504678.8	5408990.4	3940.69995	255.06	42.18	48.833873	-86.936243	56180.90	56283.8	-33.83	56147.07	56165.27344	56088.38976	56122.99609	504678.8	5408990.4
L4680.0	504678.8	5408990.4	3940.80005	254.34	42.18	48.833873	-86.936243	56180.65	56283.8	-33.83	56146.81	56165.35547	56087.74864	56122.63672	504678.8	5408990.4
L4680.0	504678.8	5408989.4	3940.89990	255.77	43.13	48.833863	-86.936243	56180.39	56283.8	-33.84	56146.56	56165.44922	56087.09494	56122.26172	504678.8	5408989.4
L4680.0	504678.8	5408988.1	3941.00000	255.43	43.44	48.833852	-86.936243	56180.16	56283.8	-33.84	56146.32	56165.55469	56086.42850	56121.87500	504678.8	5408988.1
L4680.0	504678.8	5408986.8	3941.10010	255.79	43.73	48.833840	-86.936244	56178.44	56283.8	-33.84	56144.60	56164.18359	56085.84851	56121.57422	504678.8	5408986.8
L4680.0	504678.8	5408985.0	3941.19995	254.10	43.73	48.833824	-86.936244	56179.11	56283.8	-33.84	56145.27	56165.20703	56085.09681	56121.10547	504678.8	5408985.0
L4680.0	504678.8	5408985.0	3941.30005	254.40	43.25	48.833824	-86.936244	56178.31	56283.8	-33.84	56144.47	56164.76172	56084.43057	56120.72266	504678.8	5408985.0
L4680.0	504678.8	5408982.3	3941.39990	254.66	47.41	48.833800	-86.936244	56177.36	56283.8	-33.84	56143.52	56164.16797	56083.76166	56120.33594	504678.8	5408982.3
L4680.0	504678.8	5408982.3	3941.50000	254.79	47.41	48.833800	-86.936244	56176.23	56283.8	-33.84	56142.39	56163.39844	56083.09192	56119.94922	504678.8	5408982.3
L4680.0	504678.8	5408981.0	3941.60010	255.15	47.37	48.833788	-86.936244	56175.66	56283.8	-33.84	56141.82	56163.19141	56082.37189	56119.51172	504678.8	5408981.0
L4680.0	504678.8	5408979.0	3941.69995	253.78	39.14	48.833770	-86.936244	56175.06	56283.8	-33.84	56141.22	56162.95703	56081.64076	56119.06250	504678.8	5408979.0
L4680.0	504678.8	5408979.0	3941.69995	253.78	39.14	48.833770	-86.936244	56174.04	56283.8	-33.84	56140.20	56162.30078	56080.92439	56118.62891	504678.8	5408979.0
L4680.0	504678.8	5408977.7	3941.80005	255.47	42.14	48.833758	-86.936244	56172.68	56283.8	-33.84	56138.84	56161.30859	56080.21733	56118.20703	504678.8	5408977.7
L4680.0	504678.8	5408976.0	3942.00000	256.48	42.14	48.833743	-86.936244	56172.09	56283.8	-33.84	56138.25	56161.08984	56079.44544	56117.71875	504678.8	5408976.0
L4680.0	504678.8	5408975.2	3942.10010	256.34	41.77	48.833736	-86.936244	56170.96	56283.8	-33.84	56137.13	56160.34375	56078.69528	56117.25000	504678.8	5408975.2
L4680.0	504678.7	5408973.3	3942.19995	254.94	41.77	48.833718	-86.936245	56170.14	56283.8	-33.84	56136.31	56159.89453	56077.91139	56116.74609	504678.7	5408973.3
L4680.0	504678.7	5408971.7	3942.30005	255.09	42.93	48.833704	-86.936245	56168.96	56283.8	-33.84	56135.12	56159.08203	56077.13834	56116.25391	504678.7	5408971.7
L4680.0	504678.7	5408970.5	3942.39990	256.06	42.93	48.833694	-86.936245	56167.92	56283.8	-33.84	56134.08	56158.41797	56076.34135	56115.73438	504678.7	5408970.5
L4680.0	504678.7	5408970.5	3942.50000	255.37	42.81	48.833694	-86.936245	56167.41	56283.8	-33.84	56133.57	56158.28516	56075.49499	56115.16797	504678.7	5408970.5
L4680.0	504678.7	5408969.4	3942.60010	255.41	42.58	48.833684	-86.936245	56165.15	56283.8	-33.84	56131.31	56156.40234	56074.75118	56114.70313	504678.7	5408969.4
L4680.0	504678.7	5408967.3	3942.69995	255.09	42.58	48.833665	-86.936245	56163.87	56283.8	-33.84	56130.03	56155.50391	56073.92783	56114.15234	504678.7	5408967.3
L4680.0	504678.7	5408967.3	3942.80005	255.30	43.75	48.833665	-86.936245	56163.57	56283.8	-33.84	56129.73	56155.58203	56073.02485	56113.52734	504678.7	5408967.3
L4680.0	504678.7	5408965.7	3942.89990	256.93	43.75	48.833650	-86.936246	56162.28	56283.8	-33.84	56128.44	56154.67578	56072.17353	56112.94531	504678.7	5408965.7
L4680.0	504678.6	5408964.4	3943.00000	256.94	47.32	48.833639	-86.936246	56160.72	56283.8	-33.84	56126.88	56153.49609	56071.32578	56112.37109	504678.6	5408964.4
L4680.0	504678.6	5408962.8	3943.10010	257.04	44.86	48.833624	-86.936246	56159.34	56283.8	-33.84	56125.50	56152.49609	56070.45156	56111.76563	504678.6	5408962.8
L4680.0	504678.6	5408961.7	3943.19995	257.87	45.54	48.833615	-86.936246	56158.88	56283.8	-33.84	56125.03	56152.41016	56069.50216	56111.08203	504678.6	5408961.7
L4680.0	504678.6	5408961.7	3943.30005	257.35	45.54	48.833615	-86.936246	56157.45	56283.8	-33.85	56123.60	56151.35938	56068.60221	56110.44922	504678.6	5408961.7
L4680.0	504678.6	5408960.2	3943.39990	258.63	43.91	48.833600	-86.936246	56155.17	56283.8	-33.85	56121.32	56149.46094	56067.74434	56109.85156	504678.6	5408960.2
L4680.0	504678.6	5408958.6	3943.50000	258.79	42.12	48.833586	-86.936246	56154.39	56283.8	-33.85	56120.54	56149.06250	56066.77187	56109.14063	504678.6	5408958.6
L4680.0	504678.6	5408957.1	3943.60010	258.15	42.12	48.833572	-86.936247	56153.21	56283.9	-33.85	56119.36	56148.26172	56065.81147	56108.43750	504678.6	5408957.1
L4680.0	504678.6	5408955.6	3943.69995	258.16	40.25	48.833560	-86.936247	56152.02	56283.9	-33.85	56118.16	56147.44141	56064.83780	56107.71875	504678.6	5408955.6
L4680.0	504678.6	5408955.6	3943.69995	258.16	39.62	48.833560	-86.936247	56150.39	56283.9	-33.85	56116.53	56146.19141	56063.87820	56107.01172	504678.6	5408955.6
L4680.0	504678.6	5408954.1	3943.80005	258.51	39.62	48.833546	-86.936247	56148.80	56283.9	-33.86	56114.95	56144.98828	56062.90072	56106.28125	504678.6	5408954.1
L4680.0	504678.6	5408952.4	3944.00000	259.29	41.63	48.833531	-86.936247	56147.05	56283.9	-33.86	56113.19	56143.60547	56061.92072	56105.54688	504678.6	5408952.4
L4680.0	504678.6	5408951.0	3944.10010	256.83	44.71	48.833518	-86.936247	56145.42	56283.9	-33.86	56111.56	56142.34766	56060.91760	56104.78516	504678.6	5408951.0
L4680.0	504678.6	5408951.0	3944.19995	254.27	45.1	48.833518	-86.936247	56143.53	56283.9	-33.86	56109.67	56140.83203	56059.91741	56104.02344	504678.6	5408951.0
L4680.0	504678.5	5408948.9	3944.30005	253.61	45.1	48.833499	-86.936247	56141.37	56283.9	-33.86	56107.51	56139.04297	56058.92091	56103.26172	504678.5	5408948.9
L4680.0	504678.5	5408948.9	3944.39990	254.65	42.75	48.833499	-86.936247	56139.87	56283.9	-33.86	56106.01	56137.91406	56057.86620	56102.43750	504678.5	5408948.9
L4680.0	504678.5	5408947.1	3944.50000	254.46	44.79	48.833483	-86.936247	56138.66	56283.9	-33.86	56104.80	56137.07031	56056.77807	56101.57813	504678.5	5408947.1
L4680.0	504678.5	5408945.8	3944.60010	254.27	47.59	48.833471	-86.936248	56137.16	56283.9	-33.86	56103.30	56135.93359	56055.69532	56100.71875	504678.5	5408945.8
L4680.0	504678.5	5408944.5	3944.69995	255.77	47.59	48.833460	-86.936248	56135.82	56283.9	-33.86	56101.96	56134.95703	56054.58810	56099.83203	504678.5	5408944.5
L4680.0	504678.5	5408943.2	3944.80005	256.44	49.12	48.833448	-86.936248	56133.88	56283.9	-33.86	56100.01	56133.36328	56053.50792	56098.96484	504678.5	5408943.2
L4680.0	504678.5	5408941.5	3944.89990	257.39	46.41	48.833433	-86.936248	56131.02	56283.9	-33.86	56097.16	56130.87109	56052.47431	56098.14063	504678.5	5408941.5
L4680.0	504678.5	5408940.7	3945.00000	254.83	46.41	48.833425	-86.936248	56129.15	56283.9	-33.86	56095.29	56129.35156	56051.36216	56097.23438	504678.5	5408940.7
L4680.0	504678.5	5408940.7	3945.10010	255.54	48.66	48.833425	-86.936248	56127.78	56283.9	-33.86	56093.92	56128.33203	56050.20371	56096.27734	504678.5	5408940.7
L4680.0	504678.5	5408938.9	3945.19995	257.31	47.36	48.833409	-86.936248	56125.54	56283.9	-33.86	56091.68	56126.43750	56049.09056	56095.35938	504678.5	5408938.9
L4680.0	504678.5	5408937.5	3945.30005	257.97	48.78	48.833397	-86.936248	56123.50	56283.9	-33.86	56089.63	56124.73047	56047.95234	56094.41406	504678.5	5408937.5
L4680.0	504678.5	5408936.2	3945.39990	257.19	49.08	48.833385	-86.936248	56121.48	56283.9	-33.86	56087.62	56123.05469	56046.79938	56093.44531	504678.5	5408936.2
L4680.0	504678.5	5408934.8	3945.50000	254.06	49.08	48.833372	-86.936248	56119.23	56283.9	-33.86	56085.36	56121.12891	56045.65136	56092.48047	504678.5	5408934.8
L4680.0	504678.5	5408934.8	3945.60010	254.26	50.69	48.833372	-86.936248	56117.00	56283.9	-33.87	56083.14	56119.23828	56044.48932	56091.49219	504678.5	5408934.8
L4680.0	504678.5	5408933.0	3945.69995	257.57	50.69	48.833356	-86.936249	56114.70	56283.9	-33.87	56080.84	56117.26172	56043.32169	56090.49609	504678.5	5408933.0
L4680.0	504678.5	5408931.5	3945.69995	257.57	50.71	48.833342	-86.936249	56112.38	56283.9	-33.87	56078.51	56115.25391	56042.14558	56089.48438	504678.5	5408931.5
L4680.0	504678.4	5408930.6	3945.80005	257.48	51.79	48.833335	-86.936249	56109.76	56283.9	-33.87	56075.89	56112.94531	56040.97881	56088.47656	504678.4	5408930.6
L4680.0	504678.4	5408929.3	3946.00000	256.27	52.62	48.833323	-86.936249	56107.14	56283.9	-33.87	56073.27	56110.63672	56039.80256	56087.45313	504678.4	5408929.3
L4680.0	504678.4	5408927.6	3946.10010	255.81	52.62	48.833307	-86.936250	56104.68	56283.9	-33.87	56070.81	56108.48047	56038.60673	56086.40234	504678.4	5408927.6
L4680.0	504678.4	5408926.2	3946.19995	258.12	50.53	48.833295	-86.936250	56102.23	56283.9	-33.88	56068.35	56106.32031	56037.40257	56085.33984	504678.4	5408926.2
L4680.0	504678.4	5408925.2	3946.30005	258.57	50.53	48.833286	-86.936250	56100.31	56283.9	-33.88	56066.43	56104.69141	56036.15474	56084.22656	504678.4	5408925.2
L4680.0	504678.4	5408925.2	3946.39990	258.00	51.59	48.833286	-86.936250	56096.60	56283.9	-33.89	56062.71	56101.25781	56035.01989	56083.21875	504678.4	5408925.2
L4680.0	504678.4	5408923.6	3946.50000	258.37	52.99	48.833271	-86.936250	56094.12	56283.9	-33.89	56060.23	56099.05859	56033.79610	56082.11719	504678.4	5408923.6
L4680.0	504678.4	5408922.1	3946.60010	259.89	52.99	48.833258	-86.936250	56091.66	56283.9	-33.89	56057.77	56096.87500	56032.56546	56081.00391	504678.4	5408922.1
L4680.0	504678.3	5408920.7	3946.69995	259.39	57.55	48.833245	-86.936251	56088.39	56283.9	-33.90	56054.50	56093.87109	56031.38412	56079.92969	504678.3	5408920.7
L4680.0	504678.3	5408919.3	3946.80005	258.05	57.91	48.833233	-86.936251	56085.34	56283.9	-33.90	56051.43	56091.06250	56030.18560	56078.83594	504678.3	5408919.3
L4680.0	504678.3	5408918.4	3946.89990	256.05	57.91	48.833225	-86.936251	56081.74	56283.9	-33.91	56047.83	56087.71484	56029.01947	56077.76563	504678.3	5408918.4
L4680.0	504678.3	5408917.1	3947.00000	254.89	58.05	48.833213	-86.936251	56079.04	56283.9	-33.91	56045.13	56085.26172	56027.79135	56076.62500	504678.3	5408917.1
L4680.0	504678.3	5408917.1	3947.10010	257.41	58.6	48.833213	-86.936251	56076.44	56283.9	-33.91	56042.53	56082.90234	56026.55558	56075.47266	504678.3	5408917.1
L4680.0	504678.3	5408915.2	3947.19995	259.78	47.15	48.833196	-86.936251	56072.16	56283.9	-33.91	56038.25	56078.85547	56025.43186	56074.42578	504678.3	5408915.2
L4680.0	504678.3	5408913.8	3947.30005	257.84	47.15	48.833183	-86.936252	56068.64	56283.9	-33.91	56034.73	56075.56250	56024.25864	56073.32031	504678.3	5408913.8
L4680.0	504678.2	5408912.3	3947.39990	257.51	47.83	48.833170	-86.936252	56065.61	56283.9	-33.91	56031.70	56072.75000	56023.05507	56072.17578	504678.2	5408912.3
L4680.0	504678.2	5408912.3	3947.50000	255.45	51.39	48.833170	-86.936252	56061.64	56283.9	-33.91	56027.73	56068.98828	56021.91766	56071.09375	504678.2	5408912.3
L4680.0	504678.2	5408909.5	3947.60010	256.08	51.39	48.833145	-86.936252	56058.85	56283.9	-33.91	56024.94	56066.40234	56020.70633	56069.92969	504678.2	5408909.5
L4680.0	504678.2	5408909.5	3947.69995	257.73	60.03	48.833145	-86.936252	56053.94	56283.9	-33.91	56020.03	56061.68359	56019.64239	56068.90625	504678.2	5408909.5
L4680.0	504678.2	5408907.7	3947.69995	257.73	60.03	48.833128	-86.936252	56049.72	56283.9	-33.91	56015.81	56057.64844	56018.53982	56067.83594	504678.2	5408907.7
L4680.0	504678.2	5408906.2	3947.80005	259.43	59.83	48.833115	-86.936253	56046.25	56283.9	-33.91	56012.34	56054.35547	56017.39603	56066.71484	504678.2	5408906.2
L4680.0	504678.2	5408906.2	3948.00000	255.00	59.17	48.833115	-86.936253	56042.51	56283.9	-33.91	56008.60	56050.78516	56016.28045	56065.61719	504678.2	5408906.2
L4680.0	504678.2	5408904.5	3948.10010	253.76	59.17	48.833100	-86.936253	56039.83	56283.9	-33.91	56005.92	56048.26563	56015.10589	56064.45313	504678.2	5408904.5
L4680.0	504678.2	5408902.9	3948.19995	253.38	56.84	48.833085	-86.936253	56033.66	56283.9	-33.92	55999.74	56042.23438	56014.17787	56063.53125	504678.2	5408902.9
L4680.0	504678.2	5408901.6	3948.30005	252.01	59.45	48.833074	-86.936253	56030.04	56283.9	-33.92	55996.12	56038.75781	56013.09396	56062.44141	504678.2	5408901.6
L4680.0	504678.2	5408900.3	3948.39990	253.42	59.2	48.833062	-86.936253	56026.57	56283.9	-33.92	55992.65	56035.42188	56012.01641	56061.35156	504678.2	5408900.3
L4680.0	504678.2	5408900.3	3948.50000	254.35	59.2	48.833062	-86.936253	56022.86	56283.9	-33.93	55988.93	56031.82422	56010.97354	56060.28906	504678.2	5408900.3

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4680.0	504678.2	5408899.0	3948.60010	256.13	59.37	48.833050	-86.936253	56019.09	56283.9	-33.93	55985.16	56028.17188	56009.95367	56059.24219	504678.2	5408899.0
L4680.0	504678.2	5408897.4	3948.69995	255.59	48.91	48.833036	-86.936253	56013.50	56283.9	-33.93	55979.56	56022.67578	56009.07719	56058.33203	504678.2	5408897.4
L4680.0	504678.2	5408895.7	3948.80005	256.39	48.91	48.833020	-86.936253	56008.64	56283.9	-33.93	55974.71	56017.92188	56008.17381	56057.38672	504678.2	5408895.7
L4680.0	504678.1	5408894.5	3948.89990	257.25	56.98	48.833009	-86.936253	56004.92	56283.9	-33.94	55970.98	56014.28125	56007.22061	56056.38281	504678.1	5408894.5
L4680.0	504678.1	5408893.1	3949.00000	257.34	58.4	48.832997	-86.936254	56001.11	56283.9	-33.94	55967.17	56010.54688	56006.29938	56055.40234	504678.1	5408893.1
L4680.0	504678.1	5408893.1	3949.10010	258.69	53.87	48.832997	-86.936254	55996.90	56283.9	-33.94	55962.96	56006.40625	56005.43322	56054.47266	504678.1	5408893.1
L4680.0	504678.1	5408891.7	3949.19995	257.79	53.87	48.832985	-86.936254	55992.18	56283.9	-33.94	55958.23	56001.73438	56004.63192	56053.59766	504678.1	5408891.7
L4680.0	504678.1	5408890.0	3949.19995	257.79	53.87	48.832969	-86.936254	55986.98	56283.9	-33.94	55953.04	55996.59375	56003.89329	56052.78125	504678.1	5408890.0
L4680.0	504678.1	5408888.5	3949.39990	257.41	45.89	48.832956	-86.936254	55982.26	56283.9	-33.94	55948.31	55991.90234	56003.15779	56051.95703	504678.1	5408888.5
L4680.0	504678.1	5408888.5	3949.50000	258.11	45.58	48.832956	-86.936254	55977.84	56283.9	-33.94	55943.89	55987.51172	56002.43721	56051.14063	504678.1	5408888.5
L4680.0	504678.1	5408886.9	3949.60010	258.11	45.58	48.832941	-86.936254	55973.23	56283.9	-33.95	55939.28	55982.92188	56001.76667	56050.37109	504678.1	5408886.9
L4680.0	504678.1	5408885.1	3949.60010	258.49	45.23	48.832925	-86.936254	55968.75	56283.9	-33.95	55934.80	55978.44922	56001.12659	56049.62109	504678.1	5408885.1
L4680.0	504678.1	5408885.1	3949.69995	258.98	45.34	48.832925	-86.936254	55964.96	56283.9	-33.95	55931.01	55974.66016	56000.48138	56048.85547	504678.1	5408885.1
L4680.0	504678.1	5408882.6	3949.80005	258.98	45.34	48.832903	-86.936255	55961.62	56283.9	-33.95	55927.67	55971.30859	55999.84874	56048.09766	504678.1	5408882.6
L4680.0	504678.1	5408881.1	3949.80005	258.16	46.22	48.832889	-86.936255	55956.61	56283.9	-33.95	55922.67	55966.28906	55999.37103	56047.48828	504678.1	5408881.1
L4680.0	504678.1	5408881.1	3950.00000	256.74	46.22	48.832889	-86.936255	55952.31	56283.9	-33.95	55918.36	55961.94922	55998.89318	56046.87109	504678.1	5408881.1
L4680.0	504678.1	5408879.8	3950.10010	256.74	47.23	48.832877	-86.936255	55949.18	56284	-33.95	55915.22	55958.76953	55998.38479	56046.21875	504678.1	5408879.8
L4680.0	504678.1	5408878.5	3950.19995	256.23	49.22	48.832865	-86.936255	55945.61	56284	-33.96	55911.65	55955.14844	55997.95404	56045.63281	504678.1	5408878.5
L4680.0	504678.1	5408876.9	3950.39990	257.53	58.47	48.832852	-86.936255	55941.99	56284	-33.97	55908.02	55951.46094	55997.57772	56045.09766	504678.1	5408876.9
L4680.0	504678.1	5408875.7	3950.50000	258.31	58.73	48.832841	-86.936255	55937.62	56284	-33.97	55903.65	55947.01953	55997.30256	56044.65234	504678.1	5408875.7
L4680.0	504678.1	5408875.7	3950.60010	256.90	58.73	48.832841	-86.936255	55934.20	56284	-33.97	55900.23	55943.52344	55997.01719	56044.19531	504678.1	5408875.7
L4680.0	504678.1	5408874.2	3950.69995	256.25	58.56	48.832827	-86.936255	55932.36	56284	-33.98	55898.38	55941.58203	55996.68152	56043.67578	504678.1	5408874.2
L4680.0	504678.1	5408872.9	3950.80005	256.57	58.56	48.832816	-86.936255	55930.00	56284	-33.98	55896.02	55939.12500	55996.43535	56043.24219	504678.1	5408872.9
L4680.0	504678.1	5408872.9	3950.89990	258.60	58.35	48.832816	-86.936255	55927.70	56284	-33.99	55893.71	55936.70703	55996.24240	56042.85547	504678.1	5408872.9
L4680.0	504678.1	5408870.1	3951.00000	256.34	45.78	48.832790	-86.936255	55924.91	56284	-33.99	55890.92	55933.80078	55996.13895	56042.54688	504678.1	5408870.1
L4680.0	504678.1	5408869.1	3951.10010	255.88	43.8	48.832781	-86.936255	55922.01	56284	-33.99	55888.01	55930.76172	55996.10186	56042.30469	504678.1	5408869.1
L4680.0	504678.1	5408867.8	3951.19995	256.88	43.8	48.832769	-86.936255	55921.22	56284	-34.00	55887.22	55929.83594	55995.98252	56041.96875	504678.1	5408867.8
L4680.0	504678.1	5408867.8	3951.30005	257.96	45.93	48.832769	-86.936255	55919.81	56284	-34.00	55885.80	55928.26953	55995.96489	56041.73047	504678.1	5408867.8
L4680.0	504678.1	5408866.2	3951.39990	259.29	48.32	48.832755	-86.936255	55919.70	56284	-34.01	55885.70	55928.01563	55995.91949	56041.45703	504678.1	5408866.2
L4680.0	504678.1	5408865.0	3951.50000	259.54	51	48.832744	-86.936255	55918.70	56284	-34.01	55884.69	55926.83984	55995.99537	56041.30078	504678.1	5408865.0
L4680.0	504678.1	5408863.6	3951.60010	257.49	51	48.832732	-86.936255	55918.34	56284	-34.01	55884.33	55926.30859	55996.08881	56041.15234	504678.1	5408863.6
L4680.0	504678.1	5408862.6	3951.69995	256.37	53.83	48.832723	-86.936254	55917.98	56284	-34.02	55883.97	55925.76563	55996.24329	56041.06250	504678.1	5408862.6
L4680.0	504678.1	5408861.1	3951.69995	256.37	53.83	48.832709	-86.936254	55918.06	56284	-34.02	55884.04	55925.64453	55996.43017	56041.00000	504678.1	5408861.1
L4680.0	504678.1	5408859.8	3951.80005	255.14	54.12	48.832698	-86.936254	55918.87	56284	-34.02	55884.85	55926.25391	55996.62867	56040.94141	504678.1	5408859.8
L4680.0	504678.1	5408858.5	3952.00000	254.30	45.32	48.832686	-86.936254	55920.32	56284	-34.03	55886.29	55927.48438	55996.84591	56040.89453	504678.1	5408858.5
L4680.0	504678.1	5408857.4	3952.10010	254.31	55.78	48.832676	-86.936254	55922.28	56284	-34.03	55888.25	55929.23047	55997.08886	56040.87109	504678.1	5408857.4
L4680.0	504678.1	5408857.4	3952.19995	253.64	55.78	48.832676	-86.936254	55922.48	56284	-34.03	55888.45	55929.20313	55997.50907	56041.01563	504678.1	5408857.4
L4680.0	504678.1	5408855.6	3952.30005	252.48	54.04	48.832660	-86.936254	55924.18	56284	-34.04	55890.15	55930.67188	55997.88858	56041.11719	504678.1	5408855.6
L4680.0	504678.1	5408854.2	3952.39990	251.96	54.04	48.832647	-86.936254	55925.93	56284	-34.04	55891.89	55932.16797	55998.32403	56041.26953	504678.1	5408854.2
L4680.0	504678.1	5408852.8	3952.50000	253.22	52.06	48.832634	-86.936254	55928.73	56284	-34.04	55894.69	55934.71875	55998.74659	56041.40234	504678.1	5408852.8
L4680.0	504678.1	5408851.7	3952.60010	254.78	52.06	48.832625	-86.936254	55932.07	56284	-34.04	55898.03	55937.80469	55999.18997	56041.55469	504678.1	5408851.7
L4680.0	504678.1	5408850.5	3952.69995	256.09	47.14	48.832614	-86.936254	55936.07	56284	-34.04	55902.03	55941.53906	55999.64513	56041.71094	504678.1	5408850.5
L4680.0	504678.1	5408850.5	3952.80005	257.37	46.75	48.832614	-86.936254	55938.02	56284	-34.05	55903.97	55943.20703	56000.29223	56042.05469	504678.1	5408850.5
L4680.0	504678.1	5408849.0	3952.89990	259.65	46.75	48.832601	-86.936254	55941.56	56284	-34.05	55907.51	55946.46875	56000.88603	56042.33984	504678.1	5408849.0
L4680.0	504678.1	5408847.6	3953.00000	259.07	45.63	48.832588	-86.936254	55946.82	56284.1	-34.05	55912.77	55951.44141	56001.41717	56042.56250	504678.1	5408847.6
L4680.0	504678.1	5408846.3	3953.10010	257.90	45.63	48.832576	-86.936254	55950.62	56284.1	-34.05	55916.57	55954.94922	56002.09623	56042.92578	504678.1	5408846.3
L4680.0	504678.1	5408845.0	3953.19995	258.93	47.52	48.832564	-86.936254	55953.47	56284.1	-34.05	55919.42	55957.50000	56002.88768	56043.39844	504678.1	5408845.0
L4680.0	504678.1	5408845.0	3953.30005	260.09	46.19	48.832564	-86.936254	55958.25	56284.1	-34.05	55924.20	55961.97266	56003.59793	56043.78516	504678.1	5408845.0
L4680.0	504678.1	5408841.8	3953.39990	260.04	37.84	48.832536	-86.936254	55963.62	56284.1	-34.05	55929.57	55967.03125	56004.13384	56043.99609	504678.1	5408841.8
L4680.0	504678.1	5408841.8	3953.50000	259.50	37.84	48.832536	-86.936254	55968.83	56284.1	-34.06	55934.77	55971.91406	56004.55375	56044.08594	504678.1	5408841.8
L4680.0	504678.2	5408840.3	3953.60010	260.79	39.93	48.832522	-86.936254	55973.58	56284.1	-34.06	55939.53	55976.35156	56005.10672	56044.30469	504678.2	5408840.3
L4680.0	504678.2	5408839.0	3953.69995	261.11	45.94	48.832510	-86.936254	55978.18	56284.1	-34.06	55944.13	55980.62109	56005.77649	56044.64063	504678.2	5408839.0
L4680.0	504678.2	5408837.4	3953.69995	261.11	45.94	48.832496	-86.936254	55983.32	56284.1	-34.06	55949.26	55985.41797	56006.53209	56045.05469	504678.2	5408837.4
L4680.0	504678.2	5408837.4	3953.80005	260.53	44.46	48.832496	-86.936254	55988.36	56284.1	-34.06	55954.30	55990.11719	56007.40385	56045.58594	504678.2	5408837.4
L4680.0	504678.2	5408836.1	3954.00000	257.26	44.46	48.832484	-86.936254	55993.67	56284.1	-34.06	55959.61	55995.08203	56008.37173	56046.20703	504678.2	5408836.1
L4680.0	504678.2	5408834.8	3954.10010	256.87	44.52	48.832473	-86.936254	55999.28	56284.1	-34.06	55965.22	56000.33984	56009.41724	56046.90625	504678.2	5408834.8
L4680.0	504678.2	5408833.6	3954.19995	256.70	45.28	48.832462	-86.936253	56003.36	56284.1	-34.06	55969.29	56004.05859	56010.59491	56047.73438	504678.2	5408833.6
L4680.0	504678.2	5408832.3	3954.30005	256.62	43.97	48.832450	-86.936253	56009.45	56284.1	-34.07	55975.38	56009.78906	56011.74938	56048.53906	504678.2	5408832.3
L4680.0	504678.2	5408830.6	3954.39990	256.60	43.97	48.832435	-86.936253	56013.17	56284.1	-34.07	55979.10	56013.14453	56013.04010	56049.47656	504678.2	5408830.6
L4680.0	504678.2	5408830.6	3954.50000	257.14	41.87	48.832435	-86.936253	56018.86	56284.1	-34.07	55984.79	56018.46875	56014.28089	56050.35938	504678.2	5408830.6
L4680.0	504678.2	5408827.8	3954.60010	258.40	43.32	48.832410	-86.936253	56023.21	56284.1	-34.07	55989.14	56022.44922	56015.59864	56051.32031	504678.2	5408827.8
L4680.0	504678.2	5408827.8	3954.69995	257.97	43.32	48.832410	-86.936253	56027.41	56284.1	-34.07	55993.33	56026.26563	56016.93824	56052.30469	504678.2	5408827.8
L4680.0	504678.2	5408826.5	3954.80005	258.59	47.89	48.832398	-86.936253	56033.51	56284.1	-34.08	55999.43	56031.99219	56018.19086	56053.19531	504678.2	5408826.5
L4680.0	504678.3	5408825.0	3954.89990	258.78	47.89	48.832384	-86.936253	56037.35	56284.1	-34.08	56003.27	56035.44922	56019.55775	56054.20313	504678.3	5408825.0
L4680.0	504678.3	5408825.0	3955.00000	259.26	45.22	48.832384	-86.936253	56042.71	56284.1	-34.08	56008.63	56040.42969	56020.84343	56055.12500	504678.3	5408825.0
L4680.0	504678.3	5408823.3	3955.10010	258.35	46.59	48.832369	-86.936253	56047.26	56284.1	-34.08	56013.18	56044.59375	56022.16824	56056.08984	504678.3	5408823.3
L4680.0	504678.3	5408822.0	3955.19995	258.44	46.59	48.832358	-86.936252	56052.18	56284.1	-34.09	56018.09	56049.11719	56023.46416	56057.01953	504678.3	5408822.0
L4680.0	504678.3	5408820.4	3955.30005	255.19	46.63	48.832344	-86.936252	56056.73	56284.1	-34.09	56022.64	56053.28125	56024.77256	56057.96484	504678.3	5408820.4
L4680.0	504678.3	5408819.4	3955.39990	257.22	47.54	48.832334	-86.936252	56060.42	56284.1	-34.09	56026.33	56056.58203	56026.12986	56058.96094	504678.3	5408819.4
L4680.0	504678.3	5408817.6	3955.50000	256.79	47.54	48.832318	-86.936252	56064.70	56284.1	-34.10	56030.60	56060.45703	56027.45402	56059.92188	504678.3	5408817.6
L4680.0	504678.3	5408817.6	3955.60010	255.79	47.51	48.832318	-86.936252	56068.87	56284.1	-34.10	56034.77	56064.23438	56028.79091	56060.89453	504678.3	5408817.6
L4680.0	504678.3	5408816.0	3955.69995	252.69	47.66	48.832304	-86.936252	56072.82	56284.1	-34.10	56038.72	56067.79297	56030.14706	56061.88672	504678.3	5408816.0
L4680.0	504678.3	5408814.5	3955.69995	252.69	47.66	48.832290	-86.936252	56076.00	56284.1	-34.10	56041.89	56070.57031	56031.55840	56062.93359	504678.3	5408814.5
L4680.0	504678.3	5408813.3	3955.80005	252.77	48.87	48.832279	-86.936252	56079.92	56284.1	-34.10	56045.82	56074.10547	56032.92092	56063.93359	504678.3	5408813.3
L4680.0	504678.3	5408812.4	3956.00000	255.86	50.16	48.832271	-86.936252	56083.70	56284.1	-34.11	56049.58	56077.46875	56034.29533	56064.94531	504678.3	5408812.4
L4680.0	504678.3	5408811.2	3956.10010	257.80	50.14	48.832260	-86.936252	56086.92	56284.1	-34.11	56052.81	56080.30469	56035.70440	56065.99219	504678.3	5408811.2
L4680.0	504678.4	5408809.7	3956.19995	258.21	50.14	48.832247	-86.936252	56090.42	56284.1	-34.11	56056.31	56083.41016	56037.09361	56067.02344	504678.4	5408809.7
L4680.0	504678.4	5408809.7	3956.30005	256.43	52.84	48.832247	-86.936252	56093.13	56284.1	-34.12	56059.01	56085.71484	56038.53319	56068.10156	504678.4	5408809.7
L4680.0	504678.4	5408807.1	3956.39990	257.48	52.84	48.832224	-86.936252	56096.89	56284.1	-34.12	56062.78	56089.08984	56039.89739	56069.10938	504678.4	5408807.1
L4680.0	504678.4	5408807.1	3956.50000	257.52	52.49	48.832224	-86.936252	56098.92	56284.1	-34.12	56064.80	56090.71875	56041.37321	56070.23047	504678.4	5408807.1
L4680.0	504678.4	5408805.4	3956.60010	254.83	52.49	48.832208	-86.936251	56102.56	56284.1	-34.12	56068.44	56093.96484	56042.73502	56071.23828	504678.4	5408805.4
L4680.0	504678.4	5408804.0	3956.69995	254.35	51.71	48.832195	-86.936251	56106.06	56284.1	-34.12	56071.93	56097.06641	56044.09993	56072.25000	504678.4	5408804.0
L4680.0	504678.4	5408802.5	3956.80005	255.82	51.71	48.832182	-86.936251	56108.18	56284.1	-34.13	56074.05	56098.79688	56045.54842	56073.34766	504678.4	5408802.5
L4680.0	504678.4	5408801.2	3956.89990	256.00	50.49	48.832171	-86.936251	56112.13	56284.1	-34.13	56078.00	56102.35938	56046.86634	56074.31641	504678.4	5408801.2
L4680.0	504678.4	5408801.2	3957.00000	256.50	53.15	48.832171	-86.936251	56115.10	56284.1	-34.13	56080.97	56104.94531	56048.24029	56075.34375	504678.4	5408801.2
L4680.0	504678.4	5408799.7	3957.10010	256.41	53.15	48.832157	-86.936251	56118.61	56284.1	-34.13	56084.47	56108.05859	56049.56888	56076.32813	504678.4	5408799.7
L4680.0	504678.4	5408798.4	3957.19995	256.41	53.74	48.832145	-86.936251	56120.20	56284.1	-34.14	56086.06	56109.26953	56051.01413	56077.42969	504678.4	5408798.4
L4680.0	504678.4	5408797.3	3957.30005	256.07	51.57	48.832136	-86.936251	56122.54	56284.1	-34.14	56088.40	56111.23047	56052.39808	56078.47656	504678.4	5408797.3
L4680.0	504678.4	5408797.3	3957.39990	256.87	51.57	48.832136	-86.936251	56125.25	56284.1	-34.15	56091.10	56113.55469	56053.74616	56079.48828	504678.4	5408797.3
L4680.0	504678.4	5408794.3	3957.50000	256.04	52.73	48.832108	-86.936251	56127.63	56284.1	-34.15	56093.48	56115.56250	56055.10316	56080.51172	504678.4	5408794.3
L4680.0	504678.4	5408794.3	3957.60010	255.31	51.89	48.832108	-86.936251	56130.82	56284.2	-34.15	56096.67	56118.38281	56056.39327	56081.47266	504678.4	5408794.3
L4680.0	504678.5	5408793.1	3957.69995	257.17	52.28	48.832098	-86.936251	56131.97	56284.2	-34.16	56097.81	56119.16016	56057.80668	56082.55859	504678.5	5408793.1
L4680.0	504678.5	5408791.7	3957.69995	257.17	52.28	48.832085	-86.936250	56135.55	56284.2	-34.16	56101.39	56122.37500	56059.04365	56083.46875	504678.5	5408791.7

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4680.0	504678.5	5408790.4	3957.80005	257.46	53.46	48.832073	-86.936250	56136.63	56284.2	-34.16	56102.47	56123.09766	56060.43312	56084.53906	504678.5	5408790.4
L4680.0	504678.5	5408789.1	3958.00000	257.89	53.46	48.832061	-86.936250	56138.84	56284.2	-34.17	56104.67	56124.94141	56061.73340	56085.52344	504678.5	5408789.1
L4680.0	504678.5	5408787.5	3958.10010	256.55	50.01	48.832048	-86.936250	56141.46	56284.2	-34.17	56107.29	56127.21094	56062.99082	56086.46875	504678.5	5408787.5
L4680.0	504678.5	5408787.5	3958.19995	257.01	52.54	48.832048	-86.936250	56143.70	56284.2	-34.17	56109.53	56129.10547	56064.25844	56087.42578	504678.5	5408787.5
L4680.0	504678.5	5408786.2	3958.30005	257.88	54.08	48.832036	-86.936250	56145.79	56284.2	-34.17	56111.62	56130.85156	56065.52065	56088.38281	504678.5	5408786.2
L4680.0	504678.5	5408784.6	3958.39990	256.85	54.08	48.832021	-86.936250	56147.50	56284.2	-34.17	56113.34	56132.23438	56066.79187	56089.35156	504678.5	5408784.6
L4680.0	504678.5	5408784.6	3958.50000	254.97	52.41	48.832021	-86.936250	56149.21	56284.2	-34.17	56115.04	56133.59766	56068.04856	56090.30859	504678.5	5408784.6
L4680.0	504678.5	5408782.9	3958.60010	256.53	51.98	48.832006	-86.936250	56151.76	56284.2	-34.16	56117.59	56135.82031	56069.23253	56091.19922	504678.5	5408782.9
L4680.0	504678.5	5408781.3	3958.69995	257.61	51.98	48.831991	-86.936250	56152.90	56284.2	-34.16	56118.74	56136.64453	56070.49361	56092.17188	504678.5	5408781.3
L4680.0	504678.5	5408779.6	3958.80005	258.24	52.81	48.831976	-86.936250	56154.81	56284.2	-34.16	56120.65	56138.23828	56071.68764	56093.08203	504678.5	5408779.6
L4680.0	504678.5	5408778.2	3958.89990	255.51	52.81	48.831963	-86.936250	56156.29	56284.2	-34.16	56122.13	56139.40234	56072.89384	56094.00781	504678.5	5408778.2
L4680.0	504678.5	5408776.5	3959.00000	253.24	55.18	48.831948	-86.936251	56158.28	56284.2	-34.16	56124.12	56141.08203	56074.04943	56094.88672	504678.5	5408776.5
L4680.0	504678.5	5408776.5	3959.10010	254.79	57.61	48.831948	-86.936251	56160.44	56284.2	-34.17	56126.27	56142.92969	56075.17765	56095.74219	504678.5	5408776.5
L4680.0	504678.5	5408774.8	3959.19995	256.11	57.61	48.831933	-86.936251	56161.18	56284.2	-34.17	56127.00	56143.36328	56076.38377	56096.68359	504678.5	5408774.8
L4680.0	504678.5	5408773.4	3959.30005	256.84	57.61	48.831920	-86.936250	56163.72	56284.2	-34.18	56129.54	56145.60938	56077.45239	56097.48828	504678.5	5408773.4
L4680.0	504678.5	5408773.4	3959.39990	257.21	57.37	48.831920	-86.936250	56164.34	56284.2	-34.18	56130.16	56145.94141	56078.63213	56098.41016	504678.5	5408773.4
L4680.0	504678.5	5408771.7	3959.50000	255.50	57.37	48.831905	-86.936250	56165.82	56284.2	-34.19	56131.63	56147.12891	56079.73832	56099.26563	504678.5	5408771.7
L4680.0	504678.5	5408771.7	3959.60010	255.56	52.99	48.831905	-86.936250	56168.43	56284.2	-34.20	56134.23	56149.45313	56080.75225	56100.03125	504678.5	5408771.7
L4680.0	504678.5	5408770.0	3959.69995	256.47	52.27	48.831890	-86.936250	56169.09	56284.2	-34.20	56134.88	56149.83594	56081.87927	56100.91797	504678.5	5408770.0
L4680.0	504678.5	5408768.4	3959.69995	256.47	52.27	48.831875	-86.936250	56170.35	56284.2	-34.20	56136.15	56150.83984	56082.94805	56101.75000	504678.5	5408768.4
L4680.0	504678.5	5408766.9	3959.80005	255.68	53.42	48.831862	-86.936250	56171.74	56284.2	-34.21	56137.53	56151.96094	56083.99261	56102.56250	504678.5	5408766.9
L4680.0	504678.6	5408765.2	3960.00000	255.99	53.42	48.831847	-86.936249	56173.34	56284.2	-34.22	56139.12	56153.30078	56085.00632	56103.34766	504678.6	5408765.2
L4680.0	504678.6	5408765.2	3960.10010	259.07	52.83	48.831847	-86.936249	56174.79	56284.2	-34.22	56140.57	56154.50391	56086.01256	56104.13281	504678.6	5408765.2
L4680.0	504678.6	5408764.1	3960.19995	258.59	53.91	48.831836	-86.936249	56176.02	56284.2	-34.23	56141.79	56155.48438	56087.01737	56104.91797	504678.6	5408764.1
L4680.0	504678.6	5408762.6	3960.30005	258.53	53.91	48.831823	-86.936249	56177.28	56284.2	-34.23	56143.05	56156.51172	56088.00283	56105.69531	504678.6	5408762.6
L4680.0	504678.6	5408762.6	3960.39990	256.60	52.87	48.831823	-86.936249	56177.86	56284.2	-34.24	56143.62	56156.85156	56089.01766	56106.50391	504678.6	5408762.6
L4680.0	504678.6	5408760.2	3960.50000	258.28	52.66	48.831801	-86.936249	56179.26	56284.2	-34.24	56145.02	56158.03125	56089.96063	56107.24609	504678.6	5408760.2
L4680.0	504678.6	5408758.8	3960.60010	257.53	52.66	48.831789	-86.936248	56180.72	56284.2	-34.24	56146.48	56159.27344	56090.88313	56107.97266	504678.6	5408758.8
L4680.0	504678.6	5408757.4	3960.69995	257.91	52	48.831777	-86.936248	56181.17	56284.2	-34.25	56146.92	56159.50391	56091.85728	56108.75781	504678.6	5408757.4
L4680.0	504678.6	5408757.4	3960.80005	258.55	52	48.831777	-86.936248	56182.85	56284.3	-34.25	56148.60	56160.98047	56092.73251	56109.44922	504678.6	5408757.4
L4680.0	504678.7	5408754.4	3960.89990	257.83	50.39	48.831750	-86.936248	56184.09	56284.3	-34.26	56149.83	56162.01563	56093.62160	56110.16016	504678.7	5408754.4
L4680.0	504678.7	5408754.4	3961.00000	260.10	50.39	48.831750	-86.936248	56184.94	56284.3	-34.26	56150.68	56162.67188	56094.52000	56110.88281	504678.7	5408754.4
L4680.0	504678.7	5408752.9	3961.10010	258.43	54.49	48.831736	-86.936248	56185.91	56284.3	-34.26	56151.64	56163.44922	56095.39516	56111.58984	504678.7	5408752.9
L4680.0	504678.7	5408752.9	3961.19995	256.28	54.49	48.831736	-86.936248	56186.46	56284.3	-34.27	56152.20	56163.83203	56096.28122	56112.31250	504678.7	5408752.9
L4680.0	504678.7	5408751.2	3961.30005	254.89	49.92	48.831721	-86.936248	56187.60	56284.3	-34.27	56153.33	56164.78906	56097.11365	56112.98828	504678.7	5408751.2
L4680.0	504678.7	5408750.0	3961.39990	254.21	47.42	48.831710	-86.936248	56188.71	56284.3	-34.27	56154.44	56165.73047	56097.93193	56113.65625	504678.7	5408750.0
L4680.0	504678.7	5408748.2	3961.50000	253.64	47.42	48.831694	-86.936248	56189.71	56284.3	-34.28	56155.43	56166.56250	56098.74288	56114.32031	504678.7	5408748.2
L4680.0	504678.7	5408746.9	3961.60010	252.41	49.05	48.831682	-86.936248	56190.28	56284.3	-34.28	56156.00	56166.97656	56099.56665	56115.00391	504678.7	5408746.9
L4680.0	504678.7	5408746.9	3961.69995	252.22	49.08	48.831682	-86.936248	56191.12	56284.3	-34.28	56156.84	56167.66797	56100.35740	56115.66016	504678.7	5408746.9
L4680.0	504678.7	5408745.3	3961.69995	252.22	49.08	48.831668	-86.936248	56192.00	56284.3	-34.28	56157.72	56168.40625	56101.13065	56116.30469	504678.7	5408745.3
L4680.0	504678.6	5408743.7	3961.80005	251.97	52.5	48.831653	-86.936248	56192.59	56284.3	-34.28	56158.30	56168.85156	56101.90922	56116.95703	504678.6	5408743.7
L4680.0	504678.6	5408742.7	3962.00000	255.60	53.45	48.831644	-86.936248	56192.58	56284.3	-34.29	56158.29	56168.71094	56102.71263	56117.64453	504678.6	5408742.7
L4680.0	504678.6	5408741.1	3962.10010	254.55	53.45	48.831630	-86.936249	56193.84	56284.3	-34.29	56159.54	56169.83203	56103.41773	56118.23438	504678.6	5408741.1
L4680.0	504678.6	5408739.7	3962.19995	252.03	58.31	48.831617	-86.936249	56194.77	56284.3	-34.29	56160.48	56170.65625	56104.12938	56118.83984	504678.6	5408739.7
L4680.0	504678.6	5408739.7	3962.30005	254.98	58.28	48.831617	-86.936249	56195.14	56284.3	-34.30	56160.85	56170.91016	56104.86510	56119.47266	504678.6	5408739.7
L4680.0	504678.6	5408738.4	3962.39990	258.44	58.28	48.831605	-86.936249	56195.68	56284.3	-34.30	56161.38	56171.33203	56105.57643	56120.08594	504678.6	5408738.4
L4680.0	504678.6	5408736.9	3962.50000	260.55	52.45	48.831592	-86.936249	56195.71	56284.3	-34.30	56161.41	56171.26172	56106.30756	56120.72266	504678.6	5408736.9
L4680.0	504678.6	5408735.9	3962.60010	259.00	58.15	48.831583	-86.936250	56196.30	56284.3	-34.30	56162.00	56171.75391	56106.98805	56121.31641	504678.6	5408735.9
L4680.0	504678.6	5408734.0	3962.69995	257.15	58.15	48.831566	-86.936250	56197.25	56284.3	-34.30	56162.95	56172.60938	56107.63143	56121.87891	504678.6	5408734.0
L4680.0	504678.6	5408734.0	3962.80005	258.12	46.55	48.831566	-86.936250	56197.53	56284.3	-34.31	56163.23	56172.80469	56108.30659	56122.47656	504678.6	5408734.0
L4680.0	504678.5	5408732.5	3962.89990	257.76	46.55	48.831552	-86.936250	56198.36	56284.3	-34.31	56164.05	56173.54297	56108.93307	56123.03516	504678.5	5408732.5
L4680.0	504678.5	5408731.3	3963.00000	257.99	48.61	48.831541	-86.936250	56198.83	56284.3	-34.31	56164.52	56173.93750	56109.57044	56123.60547	504678.5	5408731.3
L4680.0	504678.5	5408729.3	3963.10010	256.69	51.22	48.831524	-86.936251	56199.38	56284.3	-34.31	56165.06	56174.40625	56110.19091	56124.16406	504678.5	5408729.3
L4680.0	504678.5	5408729.3	3963.19995	255.06	49.64	48.831524	-86.936251	56199.66	56284.3	-34.32	56165.34	56174.61719	56110.81672	56124.73438	504678.5	5408729.3
L4680.0	504678.5	5408728.1	3963.30005	255.48	48.03	48.831513	-86.936251	56200.02	56284.3	-34.32	56165.70	56174.91797	56111.42544	56125.28906	504678.5	5408728.1
L4680.0	504678.5	5408726.5	3963.39990	255.45	48.03	48.831498	-86.936251	56200.56	56284.3	-34.33	56166.22	56175.37891	56112.01195	56125.83203	504678.5	5408726.5
L4680.0	504678.4	5408724.8	3963.50000	252.79	45.14	48.831483	-86.936251	56200.43	56284.3	-34.33	56166.09	56175.19531	56112.63051	56126.40625	504678.4	5408724.8
L4680.0	504678.4	5408724.8	3963.60010	253.22	46.46	48.831483	-86.936251	56201.43	56284.3	-34.34	56167.09	56176.14844	56113.16268	56126.90234	504678.4	5408724.8
L4680.0	504678.4	5408722.9	3963.69995	253.16	46.46	48.831466	-86.936252	56201.14	56284.3	-34.35	56166.80	56175.81250	56113.77003	56127.47656	504678.4	5408722.9
L4680.0	504678.4	5408721.7	3963.69995	253.16	48.47	48.831455	-86.936252	56201.07	56284.3	-34.35	56166.73	56175.70313	56114.35214	56128.03125	504678.4	5408721.7
L4680.0	504678.4	5408720.3	3963.80005	255.74	49.64	48.831443	-86.936252	56201.80	56284.3	-34.35	56167.45	56176.38672	56114.87127	56128.52734	504678.4	5408720.3
L4680.0	504678.4	5408720.3	3964.00000	254.87	49.56	48.831443	-86.936252	56202.24	56284.4	-34.36	56167.88	56176.78516	56115.39964	56129.03906	504678.4	5408720.3
L4680.0	504678.4	5408718.3	3964.10010	256.10	49.56	48.831425	-86.936252	56202.47	56284.4	-34.36	56168.11	56176.98828	56115.93152	56129.55859	504678.4	5408718.3
L4680.0	504678.4	5408716.9	3964.19995	254.58	49.56	48.831412	-86.936253	56202.50	56284.4	-34.37	56168.13	56176.98047	56116.46781	56130.08203	504678.4	5408716.9
L4680.0	504678.4	5408715.2	3964.30005	255.30	48.54	48.831397	-86.936253	56202.83	56284.4	-34.37	56168.46	56177.29297	56116.97410	56130.58594	504678.4	5408715.2
L4680.0	504678.4	5408715.2	3964.39990	255.75	50.03	48.831397	-86.936253	56202.88	56284.4	-34.38	56168.50	56177.31250	56117.49064	56131.09766	504678.4	5408715.2
L4680.0	504678.3	5408713.8	3964.50000	256.22	50.03	48.831384	-86.936253	56203.08	56284.4	-34.38	56168.70	56177.50000	56117.98768	56131.59766	504678.3	5408713.8
L4680.0	504678.3	5408712.4	3964.60010	255.71	49.9	48.831371	-86.936253	56203.44	56284.4	-34.38	56169.05	56177.83984	56118.46613	56132.08594	504678.3	5408712.4
L4680.0	504678.3	5408710.7	3964.69995	256.60	49.9	48.831356	-86.936253	56203.87	56284.4	-34.39	56169.48	56178.26172	56118.93090	56132.55859	504678.3	5408710.7
L4680.0	504678.3	5408709.2	3964.80005	256.36	51.89	48.831343	-86.936253	56203.77	56284.4	-34.39	56169.37	56178.14453	56119.42359	56133.06641	504678.3	5408709.2
L4680.0	504678.3	5408709.2	3964.89990	254.67	51.89	48.831343	-86.936253	56203.58	56284.4	-34.40	56169.18	56177.95313	56119.91378	56133.57813	504678.3	5408709.2
L4680.0	504678.3	5408707.8	3965.00000	253.99	50.21	48.831331	-86.936253	56203.90	56284.4	-34.40	56169.50	56178.27344	56120.36236	56134.04688	504678.3	5408707.8
L4680.0	504678.3	5408706.2	3965.10010	255.81	50.21	48.831316	-86.936253	56203.59	56284.4	-34.41	56169.18	56177.95703	56120.84627	56134.55859	504678.3	5408706.2
L4680.0	504678.3	5408704.7	3965.19995	256.34	54.79	48.831303	-86.936253	56204.04	56284.4	-34.41	56169.62	56178.40234	56121.27241	56135.01172	504678.3	5408704.7
L4680.0	504678.3	5408704.7	3965.30005	257.28	48.41	48.831303	-86.936253	56204.45	56284.4	-34.42	56170.04	56178.83203	56121.69302	56135.46484	504678.3	5408704.7
L4680.0	504678.3	5408703.0	3965.39990	257.24	48.41	48.831287	-86.936253	56204.72	56284.4	-34.42	56170.29	56179.09375	56122.11834	56135.92969	504678.3	5408703.0
L4680.0	504678.3	5408701.7	3965.50000	254.49	47.43	48.831275	-86.936254	56204.86	56284.4	-34.43	56170.43	56179.24609	56122.54461	56136.39453	504678.3	5408701.7
L4680.0	504678.3	5408700.4	3965.60010	256.03	47.43	48.831264	-86.936254	56205.00	56284.4	-34.44	56170.56	56179.39063	56122.96539	56136.85938	504678.3	5408700.4
L4680.0	504678.3	5408700.4	3965.69995	254.23	59.78	48.831264	-86.936254	56204.09	56284.4	-34.44	56169.64	56178.48438	56123.45026	56137.38672	504678.3	5408700.4
L4680.0	504678.3	5408699.0	3965.69995	254.23	59.78	48.831251	-86.936253	56204.98	56284.4	-34.44	56170.54	56179.40234	56123.80811	56137.79688	504678.3	5408699.0
L4680.0	504678.3	5408697.5	3965.80005	253.58	53.21	48.831238	-86.936254	56205.16	56284.4	-34.45	56170.71	56179.59375	56124.20916	56138.25000	504678.3	5408697.5
L4680.0	504678.3	5408695.9	3966.00000	251.51	54.86	48.831223	-86.936254	56205.31	56284.5	-34.46	56170.85	56179.75391	56124.60698	56138.69922	504678.3	5408695.9
L4680.0	504678.3	5408694.5	3966.10010	253.39	48.67	48.831211	-86.936254	56205.79	56284.5	-34.46	56171.32	56180.24609	56124.97777	56139.12891	504678.3	5408694.5
L4680.0	504678.3	5408694.5	3966.19995	253.63	48.67	48.831211	-86.936254	56205.61	56284.5	-34.47	56171.14	56180.08984	56125.38709	56139.59766	504678.3	5408694.5
L4680.0	504678.3	5408693.2	3966.30005	253.05	59.82	48.831199	-86.936254	56204.68	56284.5	-34.47	56170.21	56179.18359	56125.84181	56140.11719	504678.3	5408693.2
L4680.0	504678.3	5408691.5	3966.39990	252.59	45.66	48.831183	-86.936254	56205.13	56284.5	-34.48	56170.65	56179.64844	56126.20080	56140.53906	504678.3	5408691.5
L4680.0	504678.3	5408690.3	3966.50000	252.95	45.75	48.831173	-86.936254	56205.94	56284.5	-34.49	56171.45	56180.47656	56126.53160	56140.93750	504678.3	5408690.3
L4680.0	504678.3	5408690.3	3966.60010	253.77	45.75	48.831173	-86.936254	56205.82	56284.5	-34.49	56171.33	56180.38281	56126.91974	56141.39844	504678.3	5408690.3
L4680.0	504678.3	5408688.9	3966.69995	253.13	49.9	48.831160	-86.936254	56205.89	56284.5	-34.50	56171.40	56180.48047	56127.29141	56141.83984	504678.3	5408688.9
L4680.0	504678.3	5408687.5	3966.80005	252.36	55.79	48.831147	-86.936254	56205.71	56284.5	-34.50	56171.21	56180.32031	56127.67678	56142.30078	504678.3	5408687.5
L4680.0	504678.3	5408686.1	3966.89990	256.46	55.79	48.831135	-86.936254	56205.86	56284.5	-34.51	56171.36	56180.50000	56128.03604	56142.73438	504678.3	5408686.1
L4680.0	504678.3	5408684.6	3967.00000	256.79	55.14	48.831122	-86.936253	56206.52	56284.5	-34.51	56172.01	56181.17969	56128.35869	56143.13672	504678.3	5408684.6
L4680.0	504678.3	5408683.1	3967.10010	255.26	51.1	48.831108	-86.936253	56206.17	56284.5	-34.51	56171.66	56180.85938	56128.74490	56143.60156	504678.3	5408683.1

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4680.0	504678.3	5408683.1	3967.19995	256.52	54.5	48.831108	-86.936253	56206.27	56284.5	-34.52	56171.75	56180.98047	56129.09882	56144.03906	504678.3	5408683.1
L4680.0	504678.3	5408681.2	3967.30005	257.86	54.5	48.831091	-86.936253	56206.12	56284.5	-34.53	56171.60	56180.85938	56129.46594	56144.48828	504678.3	5408681.2
L4680.0	504678.4	5408679.8	3967.39990	257.03	52.08	48.831078	-86.936253	56206.91	56284.5	-34.53	56172.38	56181.66797	56129.76840	56144.87500	504678.4	5408679.8
L4680.0	504678.4	5408679.8	3967.50000	259.08	53.38	48.831078	-86.936253	56207.25	56284.5	-34.54	56172.71	56182.03125	56130.09834	56145.29297	504678.4	5408679.8
L4680.0	504678.4	5408678.4	3967.60010	258.52	52.59	48.831065	-86.936253	56206.14	56284.5	-34.54	56171.60	56180.94922	56130.52189	56145.80469	504678.4	5408678.4
L4680.0	504678.4	5408677.1	3967.69995	257.61	54.24	48.831054	-86.936253	56207.04	56284.5	-34.54	56172.49	56181.86719	56130.80983	56146.18359	504678.4	5408677.1
L4680.0	504678.4	5408675.7	3967.69995	257.61	54.24	48.831042	-86.936252	56207.63	56284.5	-34.54	56173.09	56182.49609	56131.11494	56146.57813	504678.4	5408675.7
L4680.0	504678.4	5408674.2	3967.80005	255.75	54.51	48.831028	-86.936252	56208.06	56284.5	-34.55	56173.51	56182.94531	56131.42999	56146.98438	504678.4	5408674.2
L4680.0	504678.5	5408672.7	3968.00000	255.91	53.44	48.831015	-86.936252	56207.32	56284.6	-34.56	56172.76	56182.22656	56131.82108	56147.46875	504678.5	5408672.7
L4680.0	504678.5	5408672.0	3968.10010	256.14	53.44	48.831009	-86.936251	56207.80	56284.6	-34.56	56173.23	56182.72266	56132.12896	56147.87109	504678.5	5408672.0
L4680.0	504678.5	5408670.6	3968.19995	254.69	55.41	48.830996	-86.936251	56207.71	56284.6	-34.57	56173.14	56182.66016	56132.47238	56148.30859	504678.5	5408670.6
L4680.0	504678.5	5408670.6	3968.30005	255.19	53.77	48.830996	-86.936251	56208.75	56284.6	-34.57	56174.18	56183.72656	56132.73873	56148.66797	504678.5	5408670.6
L4680.0	504678.6	5408669.0	3968.39990	256.39	52	48.830982	-86.936251	56209.36	56284.6	-34.57	56174.79	56184.35938	56133.03208	56149.05859	504678.6	5408669.0
L4680.0	504678.6	5408667.3	3968.50000	255.22	56.18	48.830966	-86.936250	56208.65	56284.6	-34.57	56174.07	56183.66406	56133.41247	56149.53516	504678.6	5408667.3
L4680.0	504678.6	5408666.2	3968.60010	253.63	56.18	48.830956	-86.936250	56210.03	56284.6	-34.58	56175.45	56185.07031	56133.65128	56149.87109	504678.6	5408666.2
L4680.0	504678.7	5408664.8	3968.69995	253.67	55.51	48.830943	-86.936249	56208.02	56284.6	-34.58	56173.44	56183.08203	56134.11455	56150.43359	504678.7	5408664.8
L4680.0	504678.7	5408663.3	3968.80005	256.74	53.56	48.830930	-86.936249	56209.42	56284.6	-34.58	56174.83	56184.49219	56134.34962	56150.76563	504678.7	5408663.3
L4680.0	504678.7	5408663.3	3968.89990	256.97	53.56	48.830930	-86.936249	56209.48	56284.6	-34.59	56174.90	56184.58594	56134.67118	56151.18359	504678.7	5408663.3
L4680.0	504678.7	5408661.9	3969.00000	255.29	54.29	48.830918	-86.936248	56211.05	56284.6	-34.59	56176.46	56186.16406	56134.89191	56151.50391	504678.7	5408661.9
L4680.0	504678.7	5408661.0	3969.10010	255.04	52.6	48.830909	-86.936248	56210.89	56284.6	-34.60	56176.30	56186.02344	56135.22579	56151.93750	504678.7	5408661.0
L4680.0	504678.8	5408659.2	3969.19995	255.51	52.6	48.830893	-86.936248	56211.58	56284.6	-34.61	56176.97	56186.71094	56135.50282	56152.31250	504678.8	5408659.2
L4680.0	504678.8	5408659.2	3969.30005	256.91	55.95	48.830893	-86.936248	56211.40	56284.6	-34.61	56176.79	56186.54688	56135.83497	56152.74219	504678.8	5408659.2
L4680.0	504678.8	5408657.9	3969.39990	257.07	56.73	48.830881	-86.936247	56211.73	56284.6	-34.62	56177.11	56186.87891	56136.13221	56153.14063	504678.8	5408657.9
L4680.0	504678.8	5408656.2	3969.50000	257.17	58.44	48.830866	-86.936247	56212.45	56284.6	-34.63	56177.82	56187.60156	56136.40184	56153.50781	504678.8	5408656.2
L4680.0	504678.9	5408654.9	3969.60010	257.68	58.44	48.830855	-86.936247	56212.57	56284.6	-34.64	56177.94	56187.73438	56136.70914	56153.91406	504678.9	5408654.9
L4680.0	504678.9	5408654.0	3969.69995	261.25	51.73	48.830846	-86.936246	56213.47	56284.6	-34.65	56178.83	56188.63672	56136.96340	56154.26563	504678.9	5408654.0
L4680.0	504678.9	5408652.5	3969.69995	261.25	57.98	48.830833	-86.936246	56213.73	56284.6	-34.65	56179.08	56188.89453	56137.25855	56154.66016	504678.9	5408652.5
L4680.0	504678.9	5408650.7	3969.80005	263.18	57.98	48.830817	-86.936246	56213.26	56284.7	-34.65	56178.60	56188.42188	56137.60051	56155.09766	504678.9	5408650.7
L4680.0	504678.9	5408650.7	3970.00000	262.25	54.28	48.830817	-86.936246	56214.32	56284.7	-34.67	56179.65	56189.47656	56137.83856	56155.43359	504678.9	5408650.7
L4680.0	504678.9	5408648.5	3970.10010	260.03	58.14	48.830797	-86.936246	56215.59	56284.7	-34.67	56180.92	56190.75000	56138.05993	56155.75000	504678.9	5408648.5
L4680.0	504678.9	5408648.5	3970.19995	259.02	58.92	48.830797	-86.936246	56215.38	56284.7	-34.68	56180.70	56190.53516	56138.37855	56156.16406	504678.9	5408648.5
L4680.0	504678.9	5408647.1	3970.30005	245.17	58.92	48.830784	-86.936246	56216.79	56284.7	-34.68	56182.11	56191.94531	56138.58630	56156.46875	504678.9	5408647.1
L4680.0	504678.9	5408645.7	3970.39990	244.94	47.71	48.830771	-86.936245	56215.77	56284.7	-34.69	56181.09	56190.92578	56138.95376	56156.92969	504678.9	5408645.7
L4680.0	504678.9	5408644.4	3970.50000	244.99	49.16	48.830760	-86.936245	56217.40	56284.7	-34.69	56182.71	56192.54297	56139.14283	56157.21094	504678.9	5408644.4
L4680.0	504678.9	5408643.3	3970.60010	245.83	49.16	48.830750	-86.936246	56217.73	56284.7	-34.69	56183.04	56192.87109	56139.41538	56157.57813	504678.9	5408643.3
L4680.0	504678.9	5408643.3	3970.69995	247.13	48.71	48.830750	-86.936246	56218.16	56284.7	-34.70	56183.47	56193.29688	56139.67864	56157.93359	504678.9	5408643.3
L4680.0	504678.9	5408641.3	3970.80005	247.92	48.71	48.830732	-86.936246	56218.18	56284.7	-34.70	56183.47	56193.28906	56139.96781	56158.31250	504678.9	5408641.3
L4680.0	504678.9	5408639.7	3970.89990	246.20	50.38	48.830718	-86.936246	56218.16	56284.7	-34.71	56183.46	56193.26953	56140.25477	56158.69141	504678.9	5408639.7
L4680.0	504678.9	5408638.2	3971.00000	248.74	63.37	48.830704	-86.936246	56219.06	56284.7	-34.71	56184.35	56194.15234	56140.47874	56159.00391	504678.9	5408638.2
L4680.0	504678.9	5408636.8	3971.10010	250.49	63.27	48.830691	-86.936246	56219.68	56284.7	-34.71	56184.96	56194.75000	56140.71823	56159.32813	504678.9	5408636.8
L4680.0	504678.9	5408636.8	3971.19995	249.53	56.51	48.830691	-86.936246	56220.93	56284.7	-34.72	56186.21	56195.98828	56140.91178	56159.60938	504678.9	5408636.8
L4680.0	504678.8	5408634.5	3971.30005	248.62	56.51	48.830671	-86.936247	56220.79	56284.7	-34.72	56186.07	56195.83203	56141.19460	56159.97656	504678.8	5408634.5
L4680.0	504678.8	5408632.9	3971.39990	247.64	49.5	48.830656	-86.936247	56220.52	56284.7	-34.73	56185.79	56195.53516	56141.48319	56160.35156	504678.8	5408632.9
L4680.0	504678.8	5408632.9	3971.50000	246.34	49.97	48.830656	-86.936247	56221.29	56284.7	-34.73	56186.56	56196.28906	56141.69810	56160.64844	504678.8	5408632.9
L4680.0	504678.8	5408631.5	3971.60010	245.96	49.97	48.830644	-86.936248	56222.80	56284.7	-34.73	56188.07	56197.78125	56141.85984	56160.89453	504678.8	5408631.5
L4680.0	504678.8	5408630.8	3971.69995	246.68	47.84	48.830637	-86.936248	56222.96	56284.7	-34.74	56188.22	56197.91016	56142.10828	56161.22266	504678.8	5408630.8
L4680.0	504678.8	5408629.3	3971.69995	246.68	47.84	48.830624	-86.936248	56222.71	56284.7	-34.74	56187.97	56197.63672	56142.37926	56161.57031	504678.8	5408629.3
L4680.0	504678.8	5408628.1	3971.80005	244.17	54.35	48.830613	-86.936248	56223.37	56284.7	-34.74	56188.63	56198.27344	56142.58531	56161.85547	504678.8	5408628.1
L4680.0	504678.7	5408626.4	3972.00000	246.28	54.35	48.830598	-86.936249	56224.32	56284.8	-34.75	56189.57	56199.18750	56142.76829	56162.11328	504678.7	5408626.4
L4680.0	504678.7	5408625.0	3972.10010	244.93	49.87	48.830585	-86.936249	56224.75	56284.8	-34.75	56190.00	56199.58984	56142.98072	56162.40234	504678.7	5408625.0
L4680.0	504678.7	5408625.0	3972.19995	246.49	47.25	48.830585	-86.936249	56225.31	56284.8	-34.76	56190.55	56200.11328	56143.18047	56162.67578	504678.7	5408625.0
L4680.0	504678.7	5408623.7	3972.30005	244.59	47.85	48.830574	-86.936249	56225.75	56284.8	-34.76	56190.99	56200.52344	56143.38273	56162.94922	504678.7	5408623.7
L4680.0	504678.7	5408622.5	3972.39990	246.92	47.85	48.830563	-86.936249	56226.54	56284.8	-34.76	56191.78	56201.28125	56143.55669	56163.19531	504678.7	5408622.5
L4680.0	504678.7	5408620.6	3972.50000	247.59	48.76	48.830546	-86.936250	56227.12	56284.8	-34.76	56192.36	56201.82813	56143.73956	56163.44531	504678.7	5408620.6
L4680.0	504678.6	5408619.9	3972.60010	245.74	51.29	48.830539	-86.936250	56227.48	56284.8	-34.77	56192.72	56202.15234	56143.93187	56163.70313	504678.6	5408619.9
L4680.0	504678.6	5408618.7	3972.69995	245.16	52.62	48.830528	-86.936250	56227.50	56284.8	-34.77	56192.73	56202.12891	56144.14216	56163.98047	504678.6	5408618.7
L4680.0	504678.6	5408616.7	3972.80005	242.67	52.62	48.830511	-86.936251	56227.76	56284.8	-34.77	56192.99	56202.35156	56144.33032	56164.23047	504678.6	5408616.7
L4680.0	504678.6	5408615.3	3972.89990	243.93	53.97	48.830498	-86.936251	56227.96	56284.8	-34.78	56193.19	56202.51563	56144.51689	56164.48047	504678.6	5408615.3
L4680.0	504678.6	5408615.3	3973.00000	245.03	49.89	48.830498	-86.936251	56227.42	56284.8	-34.78	56192.64	56201.92578	56144.74776	56164.77344	504678.6	5408615.3
L4680.0	504678.6	5408614.1	3973.10010	244.46	48.93	48.830488	-86.936251	56228.25	56284.8	-34.78	56193.46	56202.70313	56144.88149	56164.96484	504678.6	5408614.1
L4680.0	504678.5	5408612.7	3973.19995	243.06	48.93	48.830475	-86.936251	56229.50	56284.8	-34.78	56194.72	56203.92188	56144.97998	56165.12109	504678.5	5408612.7
L4680.0	504678.5	5408611.3	3973.30005	242.98	53.64	48.830462	-86.936252	56229.46	56284.8	-34.79	56194.68	56203.83984	56145.15912	56165.35547	504678.5	5408611.3
L4680.0	504678.5	5408610.8	3973.39990	242.91	56.88	48.830457	-86.936252	56230.62	56284.8	-34.79	56195.83	56204.94531	56145.25283	56165.50391	504678.5	5408610.8
L4680.0	504678.5	5408609.4	3973.50000	241.97	56.88	48.830445	-86.936252	56229.15	56284.8	-34.79	56194.36	56203.43359	56145.51501	56165.81641	504678.5	5408609.4
L4680.0	504678.5	5408607.8	3973.60010	241.19	55.53	48.830431	-86.936252	56230.21	56284.8	-34.79	56195.42	56204.44531	56145.60227	56165.95313	504678.5	5408607.8
L4680.0	504678.5	5408606.5	3973.69995	242.48	54.59	48.830419	-86.936252	56231.03	56284.8	-34.79	56196.24	56205.21875	56145.69919	56166.09766	504678.5	5408606.5
L4680.0	504678.5	5408606.5	3973.69995	242.48	56.79	48.830419	-86.936252	56230.16	56284.8	-34.79	56195.36	56204.28906	56145.90303	56166.35156	504678.5	5408606.5
L4680.0	504678.4	5408604.8	3973.80005	246.00	58.45	48.830404	-86.936253	56231.11	56284.8	-34.80	56196.31	56205.19141	56145.97840	56166.46875	504678.4	5408604.8
L4680.0	504678.4	5408603.3	3974.00000	248.31	58.45	48.830391	-86.936253	56230.09	56284.8	-34.80	56195.29	56204.12109	56146.17859	56166.71484	504678.4	5408603.3
L4680.0	504678.4	5408603.3	3974.10010	248.00	61.82	48.830391	-86.936253	56230.41	56284.8	-34.80	56195.60	56204.38281	56146.28353	56166.85938	504678.4	5408603.3
L4680.0	504678.4	5408600.4	3974.19995	247.79	53.02	48.830364	-86.936254	56231.48	56284.8	-34.80	56196.68	56205.41016	56146.33053	56166.94531	504678.4	5408600.4
L4680.0	504678.4	5408600.4	3974.30005	247.84	51.09	48.830364	-86.936254	56231.73	56284.8	-34.81	56196.92	56205.59766	56146.42689	56167.08203	504678.4	5408600.4
L4680.0	504678.4	5408599.0	3974.39990	245.97	52.4	48.830352	-86.936254	56232.18	56284.8	-34.81	56197.37	56205.99609	56146.50256	56167.19141	504678.4	5408599.0
L4680.0	504678.3	5408596.8	3974.50000	244.63	52.4	48.830332	-86.936254	56230.93	56284.8	-34.81	56196.12	56204.69141	56146.68488	56167.41016	504678.3	5408596.8
L4680.0	504678.3	5408596.8	3974.60010	245.64	56.12	48.830332	-86.936254	56231.10	56284.8	-34.81	56196.29	56204.80859	56146.76581	56167.52344	504678.3	5408596.8
L4680.0	504678.3	5408595.4	3974.69995	246.05	61.17	48.830319	-86.936254	56231.41	56284.8	-34.81	56196.60	56205.06250	56146.83069	56167.62109	504678.3	5408595.4
L4680.0	504678.3	5408593.5	3974.80005	248.58	61.17	48.830302	-86.936255	56231.52	56284.8	-34.82	56196.70	56205.10938	56146.90285	56167.72266	504678.3	5408593.5
L4680.0	504678.3	5408593.5	3974.89990	247.64	66.44	48.830302	-86.936255	56232.14	56284.8	-34.82	56197.32	56205.67188	56146.93363	56167.77734	504678.3	5408593.5
L4680.0	504678.3	5408592.1	3975.00000	248.03	67.12	48.830289	-86.936255	56231.92	56284.8	-34.82	56197.10	56205.39453	56147.01371	56167.88672	504678.3	5408592.1
L4680.0	504678.3	5408590.8	3975.10010	247.80	67.12	48.830278	-86.936255	56232.10	56284.8	-34.82	56197.28	56205.51953	56147.06043	56167.95703	504678.3	5408590.8
L4680.0	504678.3	5408589.5	3975.19995	245.69	67.28	48.830266	-86.936255	56232.05	56284.8	-34.83	56197.22	56205.40234	56147.11650	56168.03516	504678.3	5408589.5
L4680.0	504678.3	5408587.7	3975.30005	246.62	61.66	48.830250	-86.936255	56231.59	56284.8	-34.83	56196.76	56204.88281	56147.19261	56168.13281	504678.3	5408587.7
L4680.0	504678.3	5408587.7	3975.39990	242.96	61.66	48.830250	-86.936255	56232.15	56284.8	-34.83	56197.32	56205.38672	56147.19414	56168.15234	504678.3	5408587.7
L4680.0	504678.3	5408586.0	3975.50000	244.00	56.42	48.830235	-86.936256	56230.72	56284.8	-34.83	56195.89	56203.89844	56147.32179	56168.29688	504678.3	5408586.0
L4680.0	504678.3	5408584.8	3975.60010	245.22	56.42	48.830224	-86.936256	56230.72	56284.8	-34.84	56195.89	56203.83984	56147.34762	56168.33984	504678.3	5408584.8
L4680.0	504678.2	5408583.1	3975.69995	244.26	58.12	48.830208	-86.936256	56230.72	56284.8	-34.84	56195.88	56203.76953	56147.36770	56168.37500	504678.2	5408583.1
L4680.0	504678.2	5408581.7	3975.69995	244.26	60.9	48.830196	-86.936256	56231.44	56284.8	-34.84	56196.60	56204.43359	56147.33274	56168.35156	504678.2	5408581.7
L4680.0	504678.2	5408581.7	3975.80005	246.01	62.88	48.830196	-86.936256	56231.54	56284.8	-34.84	56196.70	56204.47266	56147.33282	56168.36328	504678.2	5408581.7
L4680.0	504678.3	5408580.1	3976.00000	248.58	62.88	48.830181	-86.936256	56230.66	56284.8	-34.85	56195.81	56203.52344	56147.39268	56168.43359	504678.3	5408580.1
L4680.0	504678.3	5408579.1	3976.10010	248.02	58.52	48.830172	-86.936256	56230.52	56284.8	-34.85	56195.67	56203.32422	56147.39640	56168.44531	504678.3	5408579.1
L4680.0	504678.3	5408577.7	3976.19995	248.28	57.64	48.830160	-86.936256	56230.81	56284.8	-34.85	56195.96	56203.55469	56147.36542	56168.42188	504678.3	5408577.7
L4680.0	504678.3	5408577.7	3976.30005	242.42	57.64	48.830160	-86.936256	56230.46	56284.8	-34.85	56195.61	56203.14453	56147.37114	56168.43359	504678.3	5408577.7
L4680.0	504678.3	5408575.0	3976.39990	244.32	62.04	48.830136	-86.936256	56229.76	56284.8	-34.85	56194.91	56202.38672	56147.39433	56168.46094	504678.3	5408575.0

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4680.0	504678.3	5408573.1	3976.50000	243.87	62.04	48.830119	-86.936256	56229.37	56284.8	-34.85	56194.52	56201.93750	56147.39110	56168.45703	504678.3	5408573.1
L4680.0	504678.3	5408573.1	3976.60010	243.82	62.04	48.830119	-86.936256	56228.96	56284.8	-34.84	56194.11	56201.46875	56147.38355	56168.45313	504678.3	5408573.1
L4680.0	504678.3	5408571.7	3976.69995	243.92	60.79	48.830106	-86.936256	56228.88	56284.8	-34.84	56194.04	56201.33984	56147.34779	56168.41797	504678.3	5408571.7
L4680.0	504678.3	5408570.4	3976.80005	241.35	55.8	48.830095	-86.936256	56228.71	56284.8	-34.84	56193.87	56201.10938	56147.31326	56168.37891	504678.3	5408570.4
L4680.0	504678.3	5408569.1	3976.89990	243.66	55.8	48.830082	-86.936256	56228.20	56284.8	-34.84	56193.36	56200.54297	56147.29608	56168.35938	504678.3	5408569.1
L4680.0	504678.3	5408569.1	3977.00000	243.58	53.56	48.830082	-86.936256	56228.07	56284.8	-34.84	56193.23	56200.35547	56147.24838	56168.30859	504678.3	5408569.1
L4680.0	504678.3	5408567.7	3977.10010	243.13	54.93	48.830070	-86.936256	56227.52	56284.8	-34.84	56192.68	56199.74609	56147.22359	56168.27734	504678.3	5408567.7
L4680.0	504678.3	5408566.2	3977.19995	240.88	58.97	48.830057	-86.936255	56227.62	56284.8	-34.85	56192.77	56199.77734	56147.15119	56168.19922	504678.3	5408566.2
L4680.0	504678.3	5408565.0	3977.30005	244.06	58.97	48.830046	-86.936255	56226.51	56284.8	-34.85	56191.66	56198.61328	56147.15396	56168.19531	504678.3	5408565.0
L4680.0	504678.3	5408563.6	3977.39990	246.01	57.4	48.830033	-86.936255	56226.51	56284.9	-34.85	56191.66	56198.55469	56147.07803	56168.10938	504678.3	5408563.6
L4680.0	504678.3	5408562.2	3977.50000	248.19	59	48.830020	-86.936255	56226.57	56284.9	-34.85	56191.72	56198.55859	56146.99353	56168.01563	504678.3	5408562.2
L4680.0	504678.3	5408561.2	3977.60010	248.70	59	48.830011	-86.936255	56226.18	56284.9	-34.86	56191.32	56198.10156	56146.93526	56167.94531	504678.3	5408561.2
L4680.0	504678.3	5408559.6	3977.69995	247.52	61.74	48.829997	-86.936255	56225.95	56284.9	-34.86	56191.08	56197.80469	56146.86201	56167.86328	504678.3	5408559.6
L4680.0	504678.3	5408559.6	3977.69995	247.52	59.23	48.829997	-86.936255	56225.39	56284.9	-34.86	56190.53	56197.19922	56146.80524	56167.79297	504678.3	5408559.6
L4680.0	504678.3	5408558.2	3977.80005	244.59	62.26	48.829984	-86.936255	56225.21	56284.9	-34.86	56190.35	56196.96484	56146.71975	56167.69141	504678.3	5408558.2
L4680.0	504678.3	5408557.0	3978.00000	242.39	62.26	48.829974	-86.936255	56224.70	56284.9	-34.87	56189.82	56196.37891	56146.65367	56167.61328	504678.3	5408557.0
L4680.0	504678.3	5408557.0	3978.10010	241.35	62.84	48.829974	-86.936255	56224.12	56284.9	-34.87	56189.25	56195.75781	56146.58647	56167.52734	504678.3	5408557.0
L4680.0	504678.3	5408555.2	3978.19995	240.95	62.1	48.829957	-86.936256	56222.94	56284.9	-34.87	56188.07	56194.52344	56146.55627	56167.48047	504678.3	5408555.2
L4680.0	504678.3	5408553.5	3978.30005	244.06	62.1	48.829943	-86.936256	56223.02	56284.9	-34.87	56188.14	56194.53906	56146.43921	56167.34766	504678.3	5408553.5
L4680.0	504678.3	5408551.9	3978.39990	243.71	58.46	48.829928	-86.936256	56223.75	56284.9	-34.87	56188.88	56195.22656	56146.27406	56167.16406	504678.3	5408551.9
L4680.0	504678.3	5408550.9	3978.50000	243.89	58.46	48.829919	-86.936256	56222.84	56284.9	-34.88	56187.96	56194.25781	56146.21630	56167.08594	504678.3	5408550.9
L4680.0	504678.3	5408550.9	3978.60010	244.02	60.31	48.829919	-86.936256	56221.71	56284.9	-34.88	56186.83	56193.07422	56146.16938	56167.01953	504678.3	5408550.9
L4680.0	504678.3	5408549.2	3978.69995	242.13	60.31	48.829904	-86.936256	56221.74	56284.9	-34.88	56186.86	56193.05469	56146.04209	56166.87109	504678.3	5408549.2
L4680.0	504678.3	5408547.8	3978.80005	245.03	64.19	48.829891	-86.936256	56221.77	56284.9	-34.88	56186.89	56193.03516	56145.91187	56166.72266	504678.3	5408547.8
L4680.0	504678.3	5408546.4	3978.89990	243.32	67.1	48.829879	-86.936256	56221.73	56284.9	-34.88	56186.85	56192.94531	56145.78352	56166.57031	504678.3	5408546.4
L4680.0	504678.3	5408544.8	3979.00000	243.40	67.1	48.829863	-86.936256	56220.84	56284.9	-34.88	56185.96	56192.00781	56145.70914	56166.47266	504678.3	5408544.8
L4680.0	504678.3	5408543.4	3979.10010	243.88	67.1	48.829851	-86.936256	56220.75	56284.9	-34.88	56185.87	56191.87109	56145.57886	56166.32031	504678.3	5408543.4
L4680.0	504678.3	5408543.4	3979.19995	244.58	72.69	48.829851	-86.936256	56219.90	56284.9	-34.89	56185.01	56190.96484	56145.49743	56166.21484	504678.3	5408543.4
L4680.0	504678.3	5408542.2	3979.19995	244.58	71.91	48.829840	-86.936256	56219.56	56284.9	-34.89	56184.67	56190.57813	56145.37897	56166.07422	504678.3	5408542.2
L4680.0	504678.3	5408540.8	3979.39990	244.57	71.91	48.829828	-86.936256	56219.39	56284.9	-34.90	56184.50	56190.35938	56145.24691	56165.91797	504678.3	5408540.8
L4680.0	504678.2	5408539.4	3979.50000	240.58	67.54	48.829815	-86.936256	56219.24	56284.9	-34.90	56184.34	56190.15625	56145.11202	56165.75781	504678.2	5408539.4
L4680.0	504678.2	5408537.9	3979.60010	239.21	72.93	48.829802	-86.936256	56218.19	56284.9	-34.90	56183.28	56189.05078	56145.03505	56165.65625	504678.2	5408537.9
L4680.0	504678.2	5408536.8	3979.69995	239.72	72.93	48.829792	-86.936257	56217.58	56284.9	-34.91	56182.67	56188.39844	56144.92610	56165.51953	504678.2	5408536.8
L4680.0	504678.2	5408536.8	3979.69995	240.72	73.53	48.829792	-86.936257	56217.84	56284.9	-34.91	56182.94	56188.62500	56144.75659	56165.32422	504678.2	5408536.8
L4680.0	504678.2	5408534.4	3979.80005	245.35	72.64	48.829771	-86.936257	56217.53	56284.9	-34.91	56182.62	56188.26563	56144.62460	56165.16797	504678.2	5408534.4
L4680.0	504678.2	5408534.4	3979.89990	244.41	72.64	48.829771	-86.936257	56217.76	56284.9	-34.92	56182.84	56188.44531	56144.45487	56164.96875	504678.2	5408534.4
L4680.0	504678.2	5408532.6	3980.00000	245.58	71.45	48.829754	-86.936257	56216.26	56284.9	-34.92	56181.34	56186.90234	56144.39815	56164.88672	504678.2	5408532.6
L4680.0	504678.2	5408531.1	3980.10010	242.05	73.54	48.829741	-86.936257	56216.86	56284.9	-34.92	56181.94	56187.46484	56144.19984	56164.66016	504678.2	5408531.1
L4680.0	504678.2	5408531.1	3980.19995	241.93	73.39	48.829741	-86.936257	56215.82	56284.9	-34.92	56180.91	56186.39453	56144.10866	56164.54297	504678.2	5408531.1
L4680.0	504678.2	5408529.7	3980.39990	246.34	73.39	48.829728	-86.936257	56216.56	56284.9	-34.92	56181.64	56187.08984	56143.89869	56164.30469	504678.2	5408529.7
L4680.0	504678.2	5408528.1	3980.50000	245.78	74.25	48.829713	-86.936257	56216.29	56284.9	-34.92	56181.38	56186.79297	56143.75332	56164.13281	504678.2	5408528.1
L4680.0	504678.2	5408526.6	3980.60010	245.89	72.56	48.829700	-86.936256	56216.34	56284.9	-34.91	56181.42	56186.79688	56143.58658	56163.93750	504678.2	5408526.6
L4680.0	504678.2	5408525.2	3980.69995	246.00	74.57	48.829687	-86.936256	56214.21	56284.9	-34.91	56179.30	56184.64063	56143.56254	56163.88672	504678.2	5408525.2
L4680.0	504678.2	5408525.2	3980.80005	243.51	71.46	48.829687	-86.936256	56214.04	56284.9	-34.91	56179.12	56184.42578	56143.40791	56163.70313	504678.2	5408525.2
L4680.0	504678.2	5408523.8	3980.89990	242.94	71.46	48.829675	-86.936256	56214.32	56284.9	-34.91	56179.40	56184.67188	56143.22138	56163.48828	504678.2	5408523.8
L4680.0	504678.3	5408522.3	3981.00000	243.68	65.03	48.829662	-86.936256	56214.64	56284.9	-34.91	56179.73	56184.96875	56143.03033	56163.26953	504678.3	5408522.3
L4680.0	504678.3	5408520.8	3981.10010	244.60	65.03	48.829648	-86.936256	56213.68	56284.9	-34.91	56178.77	56183.97656	56142.92412	56163.13672	504678.3	5408520.8
L4680.0	504678.3	5408520.8	3981.19995	244.44	67.25	48.829648	-86.936256	56213.31	56284.9	-34.91	56178.40	56183.57422	56142.77744	56162.96094	504678.3	5408520.8
L4680.0	504678.3	5408518.3	3981.30005	246.00	64.83	48.829626	-86.936256	56213.93	56284.9	-34.91	56179.02	56184.16406	56142.56366	56162.72266	504678.3	5408518.3
L4680.0	504678.3	5408518.3	3981.39990	247.26	65.81	48.829626	-86.936256	56212.41	56284.9	-34.91	56177.50	56182.61719	56142.49145	56162.62109	504678.3	5408518.3
L4680.0	504678.3	5408516.7	3981.50000	248.92	65.81	48.829611	-86.936256	56213.06	56284.9	-34.91	56178.15	56183.23828	56142.27349	56162.37500	504678.3	5408516.7
L4680.0	504678.3	5408515.2	3981.60010	248.93	66.19	48.829598	-86.936255	56211.66	56284.9	-34.91	56176.75	56181.80859	56142.19113	56162.26563	504678.3	5408515.2
L4680.0	504678.3	5408513.8	3981.69995	246.00	66.54	48.829585	-86.936255	56212.29	56284.9	-34.91	56177.38	56182.41406	56141.97238	56162.01953	504678.3	5408513.8
L4680.0	504678.4	5408512.7	3981.69995	246.00	68.69	48.829575	-86.936255	56212.38	56284.9	-34.91	56177.47	56182.47656	56141.78858	56161.80859	504678.4	5408512.7
L4680.0	504678.4	5408511.2	3981.80005	245.29	68.69	48.829562	-86.936255	56211.81	56284.9	-34.91	56176.90	56181.88281	56141.64772	56161.64453	504678.4	5408511.2
L4680.0	504678.4	5408511.2	3982.00000	248.37	69.06	48.829562	-86.936255	56212.39	56284.9	-34.91	56177.48	56182.43750	56141.42913	56161.39844	504678.4	5408511.2
L4680.0	504678.4	5408509.6	3982.10010	246.36	69.06	48.829547	-86.936254	56212.17	56284.9	-34.91	56177.26	56182.19531	56141.26280	56161.20703	504678.4	5408509.6
L4680.0	504678.4	5408508.4	3982.19995	247.38	75.15	48.829537	-86.936254	56211.78	56284.9	-34.91	56176.87	56181.78125	56141.10674	56161.02344	504678.4	5408508.4
L4680.0	504678.4	5408507.2	3982.30005	245.99	69.24	48.829525	-86.936254	56211.05	56284.9	-34.92	56176.13	56181.01953	56140.97293	56160.86328	504678.4	5408507.2
L4680.0	504678.4	5408507.2	3982.39990	245.93	69.24	48.829525	-86.936254	56210.79	56284.9	-34.92	56175.87	56180.73828	56140.80601	56160.67188	504678.4	5408507.2
L4680.0	504678.4	5408505.5	3982.50000	245.77	67.23	48.829510	-86.936254	56210.08	56284.9	-34.92	56175.16	56180.00781	56140.66798	56160.51172	504678.4	5408505.5
L4680.0	504678.4	5408503.9	3982.60010	246.00	70.96	48.829496	-86.936254	56210.22	56284.9	-34.92	56175.30	56180.12891	56140.47215	56160.28906	504678.4	5408503.9
L4680.0	504678.5	5408502.7	3982.69995	249.33	69.9	48.829485	-86.936254	56210.70	56284.9	-34.92	56175.77	56180.58203	56140.25317	56160.04688	504678.5	5408502.7
L4680.0	504678.5	5408501.0	3982.80005	251.37	69.9	48.829470	-86.936254	56210.45	56284.9	-34.93	56175.52	56180.31641	56140.08101	56159.85156	504678.5	5408501.0
L4680.0	504678.5	5408500.1	3982.89990	252.30	69.9	48.829462	-86.936254	56209.57	56284.9	-34.93	56174.65	56179.42969	56139.94899	56159.69531	504678.5	5408500.1
L4680.0	504678.5	5408498.6	3983.00000	252.05	66.62	48.829449	-86.936253	56209.11	56284.9	-34.93	56174.18	56178.94141	56139.78908	56159.51172	504678.5	5408498.6
L4680.0	504678.5	5408498.6	3983.10010	249.80	67.24	48.829449	-86.936253	56209.54	56284.9	-34.93	56174.61	56179.35547	56139.56791	56159.26953	504678.5	5408498.6
L4680.0	504678.5	5408497.2	3983.19995	249.16	69.11	48.829436	-86.936253	56208.93	56284.9	-34.93	56173.99	56178.72266	56139.41548	56159.09375	504678.5	5408497.2
L4680.0	504678.5	5408496.0	3983.30005	247.48	69.11	48.829425	-86.936253	56208.75	56284.9	-34.93	56173.81	56178.53125	56139.23240	56158.89063	504678.5	5408496.0
L4680.0	504678.5	5408494.4	3983.39990	246.12	65.42	48.829411	-86.936253	56208.46	56284.9	-34.93	56173.53	56178.23828	56139.05466	56158.69141	504678.5	5408494.4
L4680.0	504678.5	5408493.4	3983.50000	244.40	70.12	48.829401	-86.936253	56208.54	56284.9	-34.93	56173.61	56178.30469	56138.85157	56158.46484	504678.5	5408493.4
L4680.0	504678.5	5408492.0	3983.60010	245.59	70.12	48.829389	-86.936253	56208.70	56284.9	-34.94	56173.76	56178.44531	56138.64241	56158.23828	504678.5	5408492.0
L4680.0	504678.5	5408490.6	3983.69995	241.01	75.49	48.829376	-86.936253	56208.46	56284.9	-34.94	56173.53	56178.20703	56138.45717	56158.03125	504678.5	5408490.6
L4680.0	504678.5	5408489.9	3983.69995	241.01	67.42	48.829370	-86.936253	56208.06	56284.9	-34.94	56173.13	56177.79688	56138.28181	56157.83594	504678.5	5408489.9
L4680.0	504678.5	5408488.4	3983.80005	237.36	67.42	48.829356	-86.936253	56207.68	56284.9	-34.94	56172.74	56177.39844	56138.10430	56157.64063	504678.5	5408488.4
L4680.0	504678.5	5408488.4	3984.00000	237.96	70.57	48.829356	-86.936253	56207.70	56284.9	-34.94	56172.75	56177.40234	56137.89862	56157.41797	504678.5	5408488.4
L4680.0	504678.5	5408485.8	3984.10010	242.85	78.46	48.829333	-86.936253	56208.09	56284.9	-34.94	56173.14	56177.78516	56137.66606	56157.16797	504678.5	5408485.8
L4680.0	504678.5	5408484.5	3984.19995	246.08	78.46	48.829322	-86.936254	56206.61	56284.9	-34.95	56171.66	56176.30078	56137.55661	56157.03906	504678.5	5408484.5
L4680.0	504678.5	5408484.5	3984.30005	247.00	70.54	48.829322	-86.936254	56206.44	56284.9	-34.95	56171.49	56176.12500	56137.35822	56156.82422	504678.5	5408484.5
L4680.0	504678.5	5408482.7	3984.39990	242.97	72.13	48.829305	-86.936254	56206.70	56285	-34.95	56171.75	56176.38281	56137.12954	56156.57813	504678.5	5408482.7
L4680.0	504678.5	5408481.5	3984.50000	243.29	72.13	48.829294	-86.936254	56206.78	56285	-34.96	56171.82	56176.44922	56136.91187	56156.34375	504678.5	5408481.5
L4680.0	504678.5	5408480.1	3984.60010	244.81	72.43	48.829282	-86.936254	56206.66	56285	-34.96	56171.71	56176.33594	56136.70452	56156.12109	504678.5	5408480.1
L4680.0	504678.5	5408480.1	3984.69995	245.23	66.16	48.829282	-86.936254	56205.99	56285	-34.96	56171.03	56175.65625	56136.53346	56155.93750	504678.5	5408480.1
L4680.0	504678.5	5408477.6	3984.80005	243.89	66.16	48.829260	-86.936254	56205.76	56285	-34.96	56170.80	56175.42578	56136.33065	56155.71875	504678.5	5408477.6
L4680.0	504678.5	5408476.2	3984.89990	245.42	68.1	48.829247	-86.936254	56204.96	56285	-34.97	56169.99	56174.61719	56136.16475	56155.53906	504678.5	5408476.2
L4680.0	504678.5	5408476.2	3985.00000	245.60	71.03	48.829247	-86.936254	56205.00	56285	-34.97	56170.03	56174.66016	56135.94039	56155.30078	504678.5	5408476.2
L4680.0	504678.5	5408475.0	3985.10010	244.55	79.22	48.829236	-86.936254	56205.25	56285	-34.97	56170.28	56174.91016	56135.70020	56155.04688	504678.5	5408475.0
L4680.0	504678.5	5408473.4	3985.19995	243.51	79.22	48.829221	-86.936254	56203.82	56285	-34.97	56168.85	56173.48438	56135.57017	56154.90625	504678.5	5408473.4
L4680.0	504678.5	5408471.9	3985.30005	245.84	76.17	48.829208	-86.936254	56204.01	56285	-34.98	56169.04	56173.67969	56135.33027	56154.65234	504678.5	5408471.9
L4680.0	504678.5	5408471.9	3985.39990	246.94	79.88	48.829208	-86.936254	56203.18	56285	-34.98	56168.21	56172.85547	56135.15646	56154.46875	504678.5	5408471.9
L4680.0	504678.5	5408470.5	3985.50000	248.31	80.08	48.829195	-86.936254	56203.44	56285	-34.98	56168.46	56173.10938	56134.90873	56154.21094	504678.5	5408470.5
L4680.0	504678.5	5408469.3	3985.60010	244.73	80.11	48.829184	-86.936254	56204.00	56285	-34.98	56169.01	56173.66797	56134.63905	56153.92969	504678.5	5408469.3
L4680.0	504678.5	5408467.9	3985.69995	243.20	80.58	48.829172	-86.936254	56202.93	56285	-34.98	56167.95	56172.61719	56134.47471	56153.75391	504678.5	5408467.9

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4680.0	504678.5	5408466.7	3985.69995	243.20	80.58	48.829161	-86.936253	56203.27	56285	-34.98	56168.29	56172.96484	56134.21504	56153.48828	504678.5	5408466.7
L4680.0	504678.5	5408465.3	3985.80005	241.14	80.29	48.829149	-86.936253	56203.52	56285	-34.99	56168.53	56173.21484	56133.96000	56153.22266	504678.5	5408465.3
L4680.0	504678.5	5408464.3	3986.00000	245.62	80.01	48.829140	-86.936253	56203.16	56285	-34.99	56168.17	56172.86328	56133.74290	56152.99609	504678.5	5408464.3
L4680.0	504678.5	5408462.9	3986.10010	246.37	62.42	48.829127	-86.936253	56202.11	56285	-34.99	56167.11	56171.81641	56133.57037	56152.81641	504678.5	5408462.9
L4680.0	504678.5	5408461.5	3986.19995	245.68	62.42	48.829115	-86.936253	56201.54	56285	-34.99	56166.54	56171.25781	56133.36306	56152.60156	504678.5	5408461.5
L4680.0	504678.5	5408460.3	3986.30005	246.20	66.36	48.829104	-86.936253	56201.99	56285	-34.99	56166.99	56171.72266	56133.08561	56152.31641	504678.5	5408460.3
L4680.0	504678.5	5408458.9	3986.39990	247.09	67.41	48.829091	-86.936253	56201.52	56285	-34.99	56166.53	56171.27734	56132.86666	56152.08984	504678.5	5408458.9
L4680.0	504678.5	5408458.9	3986.50000	245.60	68.12	48.829091	-86.936253	56201.71	56285	-34.99	56166.72	56171.48047	56132.60217	56151.82031	504678.5	5408458.9
L4680.0	504678.5	5408457.3	3986.60010	243.57	68.12	48.829077	-86.936253	56200.86	56285	-35.00	56165.86	56170.63672	56132.40545	56151.61719	504678.5	5408457.3
L4680.0	504678.5	5408455.9	3986.69995	244.58	68.69	48.829064	-86.936253	56200.76	56285	-35.00	56165.76	56170.55469	56132.15581	56151.36328	504678.5	5408455.9
L4680.0	504678.5	5408455.0	3986.80005	245.25	68.69	48.829056	-86.936253	56200.18	56285	-35.00	56165.18	56169.99219	56131.93588	56151.13672	504678.5	5408455.0
L4680.0	504678.5	5408453.6	3986.89990	248.11	66.42	48.829043	-86.936253	56198.68	56285	-35.00	56163.68	56168.51172	56131.77497	56150.97266	504678.5	5408453.6
L4680.0	504678.5	5408453.6	3987.00000	248.23	66.63	48.829043	-86.936253	56198.89	56285	-35.00	56163.89	56168.74219	56131.49771	56150.69141	504678.5	5408453.6
L4680.0	504678.5	5408451.9	3987.10010	248.30	66.63	48.829028	-86.936254	56199.11	56285	-35.00	56164.11	56168.98438	56131.21742	56150.40625	504678.5	5408451.9
L4680.0	504678.5	5408450.4	3987.19995	250.22	67.04	48.829015	-86.936254	56199.34	56285	-35.00	56164.33	56169.22656	56130.93472	56150.11719	504678.5	5408450.4
L4680.0	504678.5	5408448.8	3987.30005	245.01	68.84	48.829000	-86.936254	56198.31	56285	-35.00	56163.31	56168.23047	56130.73225	56149.91406	504678.5	5408448.8
L4680.0	504678.5	5408448.8	3987.39990	245.08	68.84	48.829000	-86.936254	56198.93	56285	-35.00	56163.92	56168.86328	56130.41866	56149.59766	504678.5	5408448.8
L4680.0	504678.5	5408447.4	3987.50000	244.34	66.9	48.828987	-86.936254	56199.27	56285	-35.01	56164.27	56169.23828	56130.11990	56149.29688	504678.5	5408447.4
L4680.0	504678.5	5408446.0	3987.60010	244.02	64.9	48.828975	-86.936254	56198.72	56285	-35.01	56163.72	56168.71484	56129.87863	56149.05078	504678.5	5408446.0
L4680.0	504678.5	5408444.3	3987.69995	246.09	64.9	48.828959	-86.936254	56197.92	56285	-35.01	56162.91	56167.92969	56129.65213	56148.82422	504678.5	5408444.3
L4680.0	504678.5	5408442.8	3987.69995	246.09	65.94	48.828947	-86.936254	56197.19	56285	-35.01	56162.18	56167.22656	56129.41772	56148.58594	504678.5	5408442.8
L4680.0	504678.5	5408441.9	3987.80005	248.43	69	48.828938	-86.936254	56196.38	56285	-35.01	56161.37	56166.44922	56129.18604	56148.35547	504678.5	5408441.9
L4680.0	504678.5	5408441.9	3988.00000	242.87	79.5	48.828938	-86.936254	56197.16	56285	-35.01	56162.15	56167.25781	56128.84571	56148.01172	504678.5	5408441.9
L4680.0	504678.5	5408440.2	3988.10010	241.70	79.5	48.828923	-86.936254	56196.66	56285	-35.01	56161.64	56166.77734	56128.58872	56147.75391	504678.5	5408440.2
L4680.0	504678.5	5408439.2	3988.19995	240.55	76.61	48.828914	-86.936254	56195.60	56285	-35.02	56160.58	56165.75000	56128.36570	56147.53125	504678.5	5408439.2
L4680.0	504678.5	5408437.8	3988.30005	239.92	77.57	48.828902	-86.936253	56195.96	56285	-35.02	56160.94	56166.14453	56128.04530	56147.21094	504678.5	5408437.8
L4680.0	504678.6	5408436.2	3988.39990	238.03	77.57	48.828887	-86.936253	56195.93	56285	-35.03	56160.90	56166.13672	56127.74882	56146.91406	504678.6	5408436.2
L4680.0	504678.6	5408435.0	3988.50000	237.99	72.51	48.828876	-86.936253	56195.41	56285	-35.03	56160.38	56165.65234	56127.48157	56146.64453	504678.6	5408435.0
L4680.0	504678.6	5408433.5	3988.60010	238.54	69.05	48.828863	-86.936253	56195.78	56285	-35.03	56160.74	56166.04688	56127.15286	56146.31641	504678.6	5408433.5
L4680.0	504678.6	5408432.5	3988.69995	239.30	71.76	48.828854	-86.936252	56193.82	56285	-35.04	56158.79	56164.13672	56126.97533	56146.14063	504678.6	5408432.5
L4680.0	504678.6	5408432.5	3988.80005	239.10	71.76	48.828854	-86.936252	56194.25	56285	-35.04	56159.21	56164.59375	56126.63696	56145.80078	504678.6	5408432.5
L4680.0	504678.6	5408430.7	3988.89990	241.65	71.41	48.828837	-86.936252	56193.82	56285	-35.05	56158.78	56164.20313	56126.35239	56145.51953	504678.6	5408430.7
L4680.0	504678.7	5408429.4	3989.00000	241.81	71.41	48.828826	-86.936252	56193.25	56285.1	-35.05	56158.20	56163.66016	56126.07494	56145.24219	504678.7	5408429.4
L4680.0	504678.7	5408429.4	3989.10010	242.18	71.74	48.828826	-86.936252	56192.88	56285.1	-35.05	56157.83	56163.33203	56125.78059	56144.94922	504678.7	5408429.4
L4680.0	504678.7	5408427.6	3989.19995	242.56	71.74	48.828809	-86.936251	56192.97	56285.1	-35.05	56157.92	56163.46484	56125.45266	56144.62109	504678.7	5408427.6
L4680.0	504678.7	5408426.4	3989.30005	245.72	75.65	48.828798	-86.936251	56192.78	56285.1	-35.05	56157.72	56163.30859	56125.14111	56144.31250	504678.7	5408426.4
L4680.0	504678.7	5408424.2	3989.39990	247.18	82.16	48.828779	-86.936251	56192.79	56285.1	-35.05	56157.74	56163.37109	56124.81194	56143.98438	504678.7	5408424.2
L4680.0	504678.7	5408424.2	3989.50000	246.41	82.37	48.828779	-86.936251	56191.50	56285.1	-35.06	56156.44	56162.11719	56124.56779	56143.74219	504678.7	5408424.2
L4680.0	504678.7	5408422.8	3989.60010	244.76	82.37	48.828767	-86.936251	56190.56	56285.1	-35.06	56155.50	56161.22266	56124.29665	56143.47266	504678.7	5408422.8
L4680.0	504678.7	5408421.8	3989.69995	241.98	82.37	48.828758	-86.936251	56190.66	56285.1	-35.06	56155.60	56161.37109	56123.95317	56143.12891	504678.7	5408421.8
L4680.0	504678.7	5408420.4	3989.69995	241.98	70.67	48.828745	-86.936252	56190.82	56285.1	-35.06	56155.77	56161.58984	56123.60199	56142.78125	504678.7	5408420.4
L4680.0	504678.7	5408419.0	3989.80005	245.47	70.67	48.828732	-86.936252	56190.33	56285.1	-35.06	56155.27	56161.13672	56123.29244	56142.47266	504678.7	5408419.0
L4680.0	504678.7	5408418.0	3990.00000	245.31	73.34	48.828723	-86.936252	56189.93	56285.1	-35.06	56154.87	56160.78906	56122.97315	56142.15625	504678.7	5408418.0
L4680.0	504678.7	5408417.0	3990.10010	245.18	72.53	48.828714	-86.936252	56188.79	56285.1	-35.06	56153.73	56159.69922	56122.70013	56141.88281	504678.7	5408417.0
L4680.0	504678.7	5408415.6	3990.19995	243.38	69.7	48.828702	-86.936252	56188.36	56285.1	-35.07	56153.29	56159.31250	56122.37733	56141.56250	504678.7	5408415.6
L4680.0	504678.6	5408414.1	3990.30005	244.92	69.58	48.828688	-86.936252	56187.80	56285.1	-35.07	56152.73	56158.80469	56122.05942	56141.24609	504678.6	5408414.1
L4680.0	504678.6	5408413.0	3990.39990	246.56	69.58	48.828678	-86.936252	56187.68	56285.1	-35.07	56152.60	56158.72656	56121.70971	56140.89844	504678.6	5408413.0
L4680.0	504678.6	5408411.7	3990.50000	245.76	69.58	48.828666	-86.936252	56187.61	56285.1	-35.07	56152.53	56158.71094	56121.35285	56140.54297	504678.6	5408411.7
L4680.0	504678.6	5408411.7	3990.60010	241.57	70.69	48.828666	-86.936252	56186.81	56285.1	-35.08	56151.74	56157.98047	56121.04081	56140.23438	504678.6	5408411.7
L4680.0	504678.6	5408409.8	3990.69995	241.26	70.69	48.828650	-86.936252	56186.46	56285.1	-35.08	56151.38	56157.67578	56120.69690	56139.89063	504678.6	5408409.8
L4680.0	504678.6	5408408.8	3990.80005	241.55	73.05	48.828641	-86.936252	56185.66	56285.1	-35.08	56150.57	56156.92188	56120.37978	56139.57422	504678.6	5408408.8
L4680.0	504678.7	5408407.2	3990.89990	239.56	76.16	48.828626	-86.936252	56185.93	56285.1	-35.09	56150.85	56157.26172	56119.98674	56139.18359	504678.7	5408407.2
L4680.0	504678.7	5408405.8	3991.00000	240.14	77.9	48.828613	-86.936252	56184.84	56285.1	-35.09	56149.75	56156.22266	56119.68244	56138.88281	504678.7	5408405.8
L4680.0	504678.7	5408405.8	3991.10010	243.01	77.9	48.828613	-86.936252	56184.47	56285.1	-35.09	56149.38	56155.91016	56119.32617	56138.52734	504678.7	5408405.8
L4680.0	504678.7	5408404.3	3991.19995	241.96	82.72	48.828600	-86.936252	56185.17	56285.1	-35.10	56150.08	56156.67188	56118.89525	56138.09766	504678.7	5408404.3
L4680.0	504678.7	5408402.9	3991.30005	241.21	80.68	48.828588	-86.936252	56183.76	56285.1	-35.10	56148.66	56155.31641	56118.60231	56137.80469	504678.7	5408402.9
L4680.0	504678.7	5408401.2	3991.39990	240.20	80.68	48.828572	-86.936251	56184.06	56285.1	-35.10	56148.95	56155.66797	56118.19199	56137.39453	504678.7	5408401.2
L4680.0	504678.7	5408400.5	3991.50000	239.98	75.65	48.828566	-86.936251	56184.14	56285.1	-35.10	56149.04	56155.82031	56117.79160	56136.99609	504678.7	5408400.5
L4680.0	504678.7	5408399.1	3991.60010	242.10	75.65	48.828553	-86.936251	56182.62	56285.1	-35.11	56147.51	56154.35547	56117.49576	56136.70313	504678.7	5408399.1
L4680.0	504678.8	5408397.4	3991.69995	241.38	79.61	48.828538	-86.936251	56182.08	56285.1	-35.11	56146.97	56153.88281	56117.13045	56136.33594	504678.8	5408397.4
L4680.0	504678.8	5408397.4	3991.69995	241.38	74.56	48.828538	-86.936251	56182.12	56285.1	-35.11	56147.01	56153.98828	56116.72296	56135.92969	504678.8	5408397.4
L4680.0	504678.8	5408396.0	3991.80005	238.60	74.56	48.828525	-86.936251	56181.70	56285.1	-35.11	56146.59	56153.63672	56116.34261	56135.55078	504678.8	5408396.0
L4680.0	504678.8	5408394.0	3992.00000	242.34	77.27	48.828508	-86.936250	56181.42	56285.1	-35.12	56146.30	56153.41406	56115.95001	56135.16016	504678.8	5408394.0
L4680.0	504678.8	5408394.0	3992.10010	243.66	83.59	48.828508	-86.936250	56180.32	56285.1	-35.12	56145.20	56152.38281	56115.60780	56134.81641	504678.8	5408394.0
L4680.0	504678.8	5408392.6	3992.19995	245.84	83.59	48.828495	-86.936250	56179.91	56285.1	-35.12	56144.79	56152.04297	56115.21594	56134.42578	504678.8	5408392.6
L4680.0	504678.8	5408391.4	3992.30005	244.39	83.5	48.828484	-86.936250	56179.19	56285.1	-35.12	56144.07	56151.39063	56114.84107	56134.05078	504678.8	5408391.4
L4680.0	504678.8	5408389.9	3992.39990	247.08	71.08	48.828471	-86.936250	56179.58	56285.1	-35.12	56144.45	56151.84375	56114.38914	56133.59766	504678.8	5408389.9
L4680.0	504678.8	5408388.5	3992.50000	247.56	65.4	48.828458	-86.936250	56177.96	56285.1	-35.13	56142.84	56150.30469	56114.06611	56133.27344	504678.8	5408388.5
L4680.0	504678.8	5408387.5	3992.60010	247.89	65.4	48.828449	-86.936250	56177.70	56285.1	-35.13	56142.58	56150.11719	56113.64929	56132.85547	504678.8	5408387.5
L4680.0	504678.8	5408386.2	3992.69995	246.42	71.49	48.828438	-86.936250	56178.20	56285.1	-35.13	56143.07	56150.67969	56113.17863	56132.38281	504678.8	5408386.2
L4680.0	504678.8	5408384.6	3992.80005	244.52	74.19	48.828423	-86.936250	56176.24	56285.1	-35.13	56141.11	56148.79297	56112.86743	56132.07031	504678.8	5408384.6
L4680.0	504678.8	5408383.4	3992.89990	245.09	76.99	48.828412	-86.936250	56176.71	56285.1	-35.13	56141.58	56149.33594	56112.39031	56131.59375	504678.8	5408383.4
L4680.0	504678.8	5408383.4	3993.00000	245.27	76.99	48.828412	-86.936250	56175.61	56285.1	-35.13	56140.48	56148.30859	56112.01391	56131.21484	504678.8	5408383.4
L4680.0	504678.8	5408381.9	3993.10010	243.52	77.08	48.828399	-86.936250	56175.85	56285.1	-35.13	56140.71	56148.61719	56111.54484	56130.74609	504678.8	5408381.9
L4680.0	504678.8	5408380.5	3993.19995	243.20	81.99	48.828386	-86.936250	56175.84	56285.1	-35.14	56140.70	56148.67969	56111.08773	56130.28516	504678.8	5408380.5
L4680.0	504678.8	5408378.8	3993.30005	244.38	81.99	48.828371	-86.936250	56175.44	56285.1	-35.14	56140.30	56148.35547	56110.65256	56129.84766	504678.8	5408378.8
L4680.0	504678.8	5408377.8	3993.39990	244.20	76.83	48.828362	-86.936250	56173.69	56285.1	-35.15	56138.54	56146.67188	56110.30393	56129.49609	504678.8	5408377.8
L4680.0	504678.8	5408376.4	3993.50000	244.79	73.68	48.828349	-86.936251	56174.25	56285.1	-35.15	56139.10	56147.30859	56109.79650	56128.98438	504678.8	5408376.4
L4680.0	504678.8	5408375.4	3993.60010	243.34	71.65	48.828340	-86.936251	56172.58	56285.2	-35.15	56137.42	56145.70703	56109.43421	56128.62109	504678.8	5408375.4
L4680.0	504678.8	5408374.2	3993.69995	244.60	72.83	48.828329	-86.936251	56172.44	56285.2	-35.16	56137.28	56145.64453	56108.96503	56128.14844	504678.8	5408374.2
L4680.0	504678.8	5408372.9	3993.69995	244.60	74.74	48.828318	-86.936251	56172.25	56285.2	-35.16	56137.09	56145.53125	56108.49494	56127.67188	504678.8	5408372.9
L4680.0	504678.8	5408371.7	3993.80005	247.37	74.74	48.828307	-86.936251	56171.92	56285.2	-35.16	56136.76	56145.28125	56108.02989	56127.20313	504678.8	5408371.7
L4680.0	504678.8	5408371.7	3994.00000	245.24	75.06	48.828307	-86.936251	56171.23	56285.2	-35.17	56136.06	56144.66016	56107.58520	56126.75391	504678.8	5408371.7
L4680.0	504678.8	5408369.9	3994.10010	243.51	77.21	48.828290	-86.936251	56170.42	56285.2	-35.17	56135.25	56143.92969	56107.14350	56126.30859	504678.8	5408369.9
L4680.0	504678.7	5408368.6	3994.19995	244.19	69.54	48.828279	-86.936251	56169.77	56285.2	-35.17	56134.60	56143.35938	56106.68677	56125.84766	504678.7	5408368.6
L4680.0	504678.7	5408367.2	3994.30005	245.37	69.54	48.828267	-86.936251	56169.70	56285.2	-35.17	56134.53	56143.36719	56106.18699	56125.33984	504678.7	5408367.2
L4680.0	504678.7	5408366.6	3994.39990	245.93	72.91	48.828260	-86.936251	56168.61	56285.2	-35.17	56133.43	56142.34766	56105.75146	56124.89844	504678.7	5408366.6
L4680.0	504678.7	5408365.1	3994.50000	244.46	72.91	48.828247	-86.936252	56168.56	56285.2	-35.18	56133.38	56142.37500	56105.24151	56124.38281	504678.7	5408365.1
L4680.0	504678.7	5408363.4	3994.60010	248.08	68.71	48.828232	-86.936252	56167.64	56285.2	-35.18	56132.47	56141.54688	56104.78446	56123.91797	504678.7	5408363.4
L4680.0	504678.7	5408362.7	3994.69995	249.18	68.05	48.828226	-86.936252	56167.41	56285.2	-35.18	56132.24	56141.39453	56104.27763	56123.40625	504678.7	5408362.7
L4680.0	504678.7	5408362.7	3994.80005	249.78	68.05	48.828226	-86.936252	56167.45	56285.2	-35.18	56132.27	56141.50391	56103.74901	56122.86719	504678.7	5408362.7
L4680.0	504678.7	5408359.9	3994.89990	248.94	70.17	48.828200	-86.936252	56165.44	56285.2	-35.18	56130.26	56139.57422	56103.35193	56122.46484	504678.7	5408359.9
L4680.0	504678.7	5408359.9	3995.00000	249.37	74.26	48.828200	-86.936252	56164.96	56285.2	-35.18	56129.78	56139.17578	56102.84839	56121.95313	504678.7	5408359.9

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4680.0	504678.7	5408358.2	3995.10010	248.63	74.26	48.828185	-86.936253	56163.81	56285.2	-35.18	56128.63	56138.10547	56102.38505	56121.48047	504678.7	5408358.2
L4680.0	504678.7	5408357.1	3995.19995	246.73	74.92	48.828175	-86.936253	56163.29	56285.2	-35.18	56128.11	56137.66406	56101.87527	56120.96094	504678.7	5408357.1
L4680.0	504678.6	5408355.8	3995.30005	248.61	73	48.828164	-86.936253	56162.96	56285.2	-35.18	56127.78	56137.41406	56101.34838	56120.42578	504678.6	5408355.8
L4680.0	504678.6	5408354.4	3995.39990	249.22	73	48.828151	-86.936253	56160.92	56285.2	-35.18	56125.74	56135.45313	56100.93105	56119.99609	504678.6	5408354.4
L4680.0	504678.6	5408353.0	3995.50000	248.35	76.71	48.828138	-86.936253	56160.88	56285.2	-35.18	56125.70	56135.49219	56100.37598	56119.43359	504678.6	5408353.0
L4680.0	504678.6	5408351.7	3995.60010	249.53	77.33	48.828127	-86.936253	56160.26	56285.2	-35.18	56125.08	56134.94922	56099.85517	56118.90234	504678.6	5408351.7
L4680.0	504678.6	5408350.7	3995.69995	247.80	74.5	48.828118	-86.936253	56159.88	56285.2	-35.18	56124.70	56134.64844	56099.31399	56118.34766	504678.6	5408350.7
L4680.0	504678.6	5408350.7	3995.69995	247.80	69.97	48.828118	-86.936253	56158.90	56285.2	-35.18	56123.72	56133.74609	56098.80845	56117.83203	504678.6	5408350.7
L4680.0	504678.6	5408349.0	3995.80005	245.77	69.97	48.828103	-86.936253	56158.79	56285.2	-35.18	56123.61	56133.71484	56098.24059	56117.25000	504678.6	5408349.0
L4680.0	504678.6	5408347.8	3996.00000	248.39	75.37	48.828092	-86.936253	56157.40	56285.2	-35.18	56122.22	56132.40234	56097.75376	56116.75000	504678.6	5408347.8
L4680.0	504678.7	5408346.4	3996.10010	249.88	75.37	48.828080	-86.936253	56156.89	56285.2	-35.18	56121.71	56131.96875	56097.20400	56116.18750	504678.7	5408346.4
L4680.0	504678.7	5408345.2	3996.19995	249.54	74.57	48.828069	-86.936253	56155.66	56285.2	-35.18	56120.48	56130.81250	56096.69801	56115.66797	504678.7	5408345.2
L4680.0	504678.7	5408344.0	3996.30005	248.85	78.32	48.828058	-86.936253	56155.02	56285.2	-35.19	56119.83	56130.23828	56096.14916	56115.10547	504678.7	5408344.0
L4680.0	504678.7	5408342.4	3996.39990	250.28	84.86	48.828043	-86.936252	56154.41	56285.2	-35.19	56119.23	56129.71484	56095.59283	56114.53516	504678.7	5408342.4
L4680.0	504678.7	5408342.4	3996.50000	250.05	84.86	48.828043	-86.936252	56153.48	56285.2	-35.19	56118.29	56128.85156	56095.05506	56113.98047	504678.7	5408342.4
L4680.0	504678.7	5408341.2	3996.60010	250.63	86.74	48.828032	-86.936252	56152.99	56285.2	-35.19	56117.80	56128.43359	56094.48322	56113.39453	504678.7	5408341.2
L4680.0	504678.7	5408339.8	3996.69995	252.34	86.69	48.828020	-86.936252	56152.06	56285.2	-35.19	56116.87	56127.57813	56093.93671	56112.82813	504678.7	5408339.8
L4680.0	504678.7	5408338.2	3996.80005	248.98	86.69	48.828005	-86.936252	56150.67	56285.2	-35.20	56115.47	56126.25000	56093.41757	56112.29297	504678.7	5408338.2
L4680.0	504678.7	5408338.2	3996.89990	252.11	86.9	48.828005	-86.936252	56149.64	56285.2	-35.20	56114.44	56125.29297	56092.86985	56111.72656	504678.7	5408338.2
L4680.0	504678.8	5408336.7	3997.00000	250.87	86.88	48.827992	-86.936251	56149.00	56285.2	-35.20	56113.80	56124.72266	56092.29228	56111.13281	504678.8	5408336.7
L4680.0	504678.8	5408335.3	3997.10010	250.54	86.96	48.827979	-86.936251	56147.76	56285.2	-35.20	56112.56	56123.55469	56091.75091	56110.57031	504678.8	5408335.3
L4680.0	504678.8	5408333.9	3997.19995	251.13	86.96	48.827967	-86.936251	56146.86	56285.2	-35.20	56111.66	56122.72266	56091.18315	56109.98438	504678.8	5408333.9
L4680.0	504678.8	5408332.4	3997.30005	250.57	82.78	48.827953	-86.936251	56146.12	56285.2	-35.20	56110.92	56122.05078	56090.60106	56109.38281	504678.8	5408332.4
L4680.0	504678.8	5408332.4	3997.39990	249.89	87.2	48.827953	-86.936251	56145.13	56285.2	-35.20	56109.93	56121.12891	56090.03203	56108.79297	504678.8	5408332.4
L4680.0	504678.8	5408329.6	3997.50000	247.97	87.2	48.827928	-86.936250	56144.72	56285.2	-35.21	56109.52	56120.78516	56089.42082	56108.16016	504678.8	5408329.6
L4680.0	504678.8	5408329.6	3997.60010	247.13	87.37	48.827928	-86.936250	56144.00	56285.2	-35.21	56108.79	56120.12109	56088.82748	56107.54688	504678.8	5408329.6
L4680.0	504678.9	5408328.2	3997.69995	247.98	87.37	48.827915	-86.936250	56143.14	56285.2	-35.21	56107.93	56119.32422	56088.23944	56106.93359	504678.9	5408328.2
L4680.0	504678.9	5408327.4	3997.69995	247.98	87.68	48.827908	-86.936250	56141.64	56285.2	-35.21	56106.43	56117.89063	56087.69078	56106.36328	504678.9	5408327.4
L4680.0	504678.9	5408325.7	3997.80005	245.59	79.79	48.827893	-86.936250	56140.98	56285.2	-35.21	56105.78	56117.30078	56087.08225	56105.73047	504678.9	5408325.7
L4680.0	504678.9	5408324.3	3998.00000	245.18	79.79	48.827880	-86.936250	56140.05	56285.2	-35.21	56104.84	56116.42188	56086.48994	56105.11328	504678.9	5408324.3
L4680.0	504678.9	5408323.1	3998.10010	246.32	78.05	48.827870	-86.936250	56138.83	56285.2	-35.21	56103.62	56115.26172	56085.91328	56104.51172	504678.9	5408323.1
L4680.0	504678.9	5408323.1	3998.19995	246.24	77.07	48.827870	-86.936250	56138.54	56285.2	-35.20	56103.33	56115.03125	56085.27171	56103.84375	504678.9	5408323.1
L4680.0	504678.9	5408320.8	3998.30005	243.69	76.09	48.827849	-86.936250	56137.09	56285.2	-35.20	56101.89	56113.64844	56084.70400	56103.24609	504678.9	5408320.8
L4680.0	504678.9	5408319.8	3998.39990	242.18	76.09	48.827839	-86.936250	56136.33	56285.2	-35.20	56101.13	56112.94531	56084.08825	56102.60547	504678.9	5408319.8
L4680.0	504678.9	5408319.8	3998.50000	243.52	76.55	48.827839	-86.936250	56136.25	56285.2	-35.19	56101.06	56112.92969	56083.42392	56101.91016	504678.9	5408319.8
L4680.0	504678.8	5408318.4	3998.60010	243.97	80.72	48.827827	-86.936251	56135.12	56285.2	-35.19	56099.93	56111.85547	56082.82780	56101.28516	504678.8	5408318.4
L4680.0	504678.8	5408315.7	3998.69995	242.77	80.72	48.827803	-86.936251	56133.13	56285.2	-35.19	56097.94	56109.91797	56082.28669	56100.71484	504678.8	5408315.7
L4680.0	504678.8	5408315.7	3998.80005	240.26	78.89	48.827803	-86.936251	56132.13	56285.2	-35.19	56096.94	56108.96875	56081.67738	56100.07422	504678.8	5408315.7
L4680.0	504678.8	5408314.3	3998.89990	240.41	70.56	48.827790	-86.936251	56130.88	56285.2	-35.18	56095.69	56107.76563	56081.08269	56099.44922	504678.8	5408314.3
L4680.0	504678.8	5408313.1	3999.00000	240.91	71.12	48.827779	-86.936251	56129.57	56285.2	-35.18	56094.39	56106.51563	56080.48942	56098.82422	504678.8	5408313.1
L4680.0	504678.8	5408311.2	3999.10010	240.75	71.12	48.827762	-86.936251	56128.99	56285.2	-35.18	56093.81	56105.98047	56079.84640	56098.14844	504678.8	5408311.2
L4680.0	504678.8	5408311.2	3999.19995	241.61	72.3	48.827762	-86.936251	56128.28	56285.2	-35.19	56093.10	56105.31641	56079.21046	56097.47656	504678.8	5408311.2
L4680.0	504678.8	5408308.7	3999.30005	242.57	72.3	48.827740	-86.936252	56127.46	56285.2	-35.19	56092.27	56104.52734	56078.58109	56096.81250	504678.8	5408308.7
L4680.0	504678.8	5408308.7	3999.39990	244.19	83.76	48.827740	-86.936252	56126.05	56285.2	-35.19	56090.86	56103.16016	56077.98913	56096.18750	504678.8	5408308.7
L4680.0	504678.7	5408307.1	3999.50000	243.86	75.9	48.827725	-86.936252	56124.52	56285.2	-35.19	56089.33	56101.66797	56077.40410	56095.56250	504678.7	5408307.1
L4680.0	504678.7	5408305.6	3999.60010	244.78	75.9	48.827712	-86.936252	56122.49	56285.2	-35.20	56087.29	56099.66797	56076.85218	56094.97656	504678.7	5408305.6
L4680.0	504678.7	5408304.2	3999.69995	244.68	79.03	48.827699	-86.936253	56122.09	56285.2	-35.20	56086.89	56099.30469	56076.19023	56094.27344	504678.7	5408304.2
L4680.0	504678.7	5408304.2	3999.69995	244.68	74.66	48.827699	-86.936253	56120.24	56285.2	-35.20	56085.04	56097.48828	56075.62444	56093.66797	504678.7	5408304.2
L4680.0	504678.7	5408302.7	3999.80005	245.29	74.66	48.827686	-86.936253	56119.43	56285.2	-35.20	56084.23	56096.71094	56074.98902	56092.99609	504678.7	5408302.7
L4680.0	504678.7	5408301.3	4000.00000	243.83	75.14	48.827673	-86.936253	56118.93	56285.2	-35.21	56083.72	56096.23047	56074.33350	56092.29688	504678.7	5408301.3
L4680.0	504678.7	5408300.1	4000.10010	243.74	77.97	48.827663	-86.936253	56117.28	56285.2	-35.21	56082.07	56094.61328	56073.75408	56091.67578	504678.7	5408300.1
L4680.0	504678.6	5408298.7	4000.19995	243.80	77.97	48.827650	-86.936253	56115.64	56285.2	-35.21	56080.43	56093.00000	56073.17433	56091.05469	504678.6	5408298.7
L4680.0	504678.6	5408298.7	4000.30005	247.09	81.48	48.827650	-86.936253	56114.47	56285.2	-35.21	56079.26	56091.85547	56072.56379	56090.39844	504678.6	5408298.7
L4680.0	504678.6	5408297.0	4000.39990	248.34	82.22	48.827635	-86.936254	56112.81	56285.2	-35.21	56077.60	56090.21875	56071.98668	56089.77734	504678.6	5408297.0
L4680.0	504678.6	5408295.6	4000.50000	246.54	74.46	48.827622	-86.936254	56112.52	56285.2	-35.21	56077.31	56089.94922	56071.31923	56089.06641	504678.6	5408295.6
L4680.0	504678.6	5408294.3	4000.60010	247.28	74.46	48.827611	-86.936254	56110.86	56285.2	-35.22	56075.65	56088.30859	56070.74433	56088.44531	504678.6	5408294.3
L4680.0	504678.6	5408292.9	4000.69995	246.12	75.47	48.827598	-86.936254	56109.74	56285.2	-35.22	56074.52	56087.19922	56070.13554	56087.78906	504678.6	5408292.9
L4680.0	504678.6	5408291.2	4000.80005	246.35	75.47	48.827583	-86.936254	56108.98	56285.2	-35.22	56073.77	56086.46484	56069.50310	56087.10547	504678.6	5408291.2
L4680.0	504678.6	5408291.2	4000.89990	245.36	80.11	48.827583	-86.936254	56107.62	56285.2	-35.22	56072.40	56085.10938	56068.91392	56086.46875	504678.6	5408291.2
L4680.0	504678.6	5408289.6	4001.00000	244.08	80.11	48.827568	-86.936255	56105.48	56285.2	-35.22	56070.26	56082.98047	56068.37821	56085.88281	504678.6	5408289.6
L4680.0	504678.6	5408287.9	4001.10010	245.15	82.63	48.827553	-86.936255	56105.37	56285.2	-35.22	56070.15	56082.87891	56067.70957	56085.16406	504678.6	5408287.9
L4680.0	504678.6	5408287.9	4001.19995	245.52	80.46	48.827553	-86.936255	56103.09	56285.2	-35.22	56067.88	56080.61719	56067.18756	56084.58984	504678.6	5408287.9
L4680.0	504678.5	5408286.3	4001.30005	245.29	80.46	48.827538	-86.936255	56102.33	56285.2	-35.21	56067.12	56079.86328	56066.56775	56083.91406	504678.5	5408286.3
L4680.0	504678.5	5408284.8	4001.39990	243.59	81.05	48.827525	-86.936255	56101.21	56285.2	-35.21	56066.00	56078.75000	56065.97506	56083.26953	504678.5	5408284.8
L4680.0	504678.5	5408283.4	4001.50000	242.08	81.05	48.827512	-86.936255	56100.34	56285.2	-35.21	56065.13	56077.87891	56065.36905	56082.60938	504678.5	5408283.4
L4680.0	504678.5	5408283.4	4001.60010	242.27	84.33	48.827512	-86.936255	56099.75	56285.2	-35.21	56064.55	56077.30078	56064.74731	56081.92969	504678.5	5408283.4
L4680.0	504678.5	5408281.5	4001.69995	241.43	80.08	48.827495	-86.936255	56096.99	56285.2	-35.21	56061.79	56074.53906	56064.27474	56081.40234	504678.5	5408281.5
L4680.0	504678.5	5408280.0	4001.69995	241.43	80.08	48.827482	-86.936255	56096.72	56285.2	-35.21	56061.52	56074.26172	56063.64024	56080.70703	504678.5	5408280.0
L4680.0	504678.5	5408278.8	4001.80005	241.73	84.9	48.827471	-86.936256	56095.55	56285.2	-35.20	56060.35	56073.08594	56063.07007	56080.07813	504678.5	5408278.8
L4680.0	504678.5	5408277.0	4002.00000	244.24	84.9	48.827455	-86.936256	56093.35	56285.2	-35.20	56058.15	56070.87891	56062.57312	56079.52344	504678.5	5408277.0
L4680.0	504678.5	5408277.0	4002.10010	245.52	88.97	48.827455	-86.936256	56093.69	56285.2	-35.20	56058.49	56071.20703	56061.91164	56078.80078	504678.5	5408277.0
L4680.0	504678.5	5408274.6	4002.19995	242.77	88.97	48.827433	-86.936256	56091.43	56285.2	-35.20	56056.23	56068.93359	56061.42853	56078.25391	504678.5	5408274.6
L4680.0	504678.5	5408274.6	4002.30005	242.08	88.97	48.827433	-86.936256	56090.26	56285.2	-35.20	56055.06	56067.75000	56060.87803	56077.64063	504678.5	5408274.6
L4680.0	504678.5	5408272.9	4002.39990	243.20	89.12	48.827418	-86.936256	56089.46	56285.2	-35.20	56054.25	56066.92188	56060.30904	56077.00781	504678.5	5408272.9
L4680.0	504678.5	5408272.9	4002.50000	245.20	89.74	48.827418	-86.936256	56089.18	56285.2	-35.21	56053.97	56066.62500	56059.71045	56076.34375	504678.5	5408272.9
L4680.0	504678.5	5408271.3	4002.60010	245.13	89.74	48.827403	-86.936256	56086.32	56285.2	-35.21	56051.11	56063.74219	56059.28983	56075.85938	504678.5	5408271.3
L4680.0	504678.5	5408269.6	4002.69995	244.04	89.7	48.827388	-86.936256	56085.37	56285.2	-35.21	56050.16	56062.76953	56058.74808	56075.25000	504678.5	5408269.6
L4680.0	504678.4	5408267.9	4002.80005	242.90	89.7	48.827373	-86.936257	56085.41	56285.2	-35.21	56050.20	56062.78516	56058.14675	56074.58203	504678.4	5408267.9
L4680.0	504678.4	5408266.5	4002.89990	240.70	89.55	48.827360	-86.936257	56084.50	56285.2	-35.21	56049.29	56061.84375	56057.61539	56073.98047	504678.4	5408266.5
L4680.0	504678.4	5408266.5	4003.00000	240.03	89.55	48.827360	-86.936257	56083.77	56285.2	-35.21	56048.56	56061.08594	56057.07890	56073.37500	504678.4	5408266.5
L4680.0	504678.4	5408264.8	4003.10010	239.34	89.65	48.827345	-86.936257	56082.12	56285.2	-35.21	56046.91	56059.40234	56056.61082	56072.83594	504678.4	5408264.8
L4680.0	504678.4	5408263.1	4003.19995	240.02	89.65	48.827330	-86.936257	56080.13	56285.2	-35.21	56044.91	56057.37109	56056.17335	56072.32813	504678.4	5408263.1
L4680.0	504678.4	5408263.1	4003.30005	240.99	89.65	48.827330	-86.936257	56079.32	56285.2	-35.22	56044.10	56056.52344	56055.66405	56071.74609	504678.4	5408263.1
L4680.0	504678.4	5408261.4	4003.39990	239.85	89.65	48.827314	-86.936257	56078.46	56285.2	-35.22	56043.24	56055.62500	56055.16577	56071.17188	504678.4	5408261.4
L4680.0	504678.4	5408260.0	4003.50000	240.87	89.57	48.827302	-86.936257	56078.16	56285.2	-35.22	56042.94	56055.28516	56054.63805	56070.57031	504678.4	5408260.0
L4680.0	504678.4	5408258.5	4003.60010	240.31	89.53	48.827288	-86.936258	56076.56	56285.2	-35.22	56041.34	56053.64453	56054.20508	56070.06250	504678.4	5408258.5
L4680.0	504678.4	5408258.5	4003.69995	241.28	89.53	48.827288	-86.936258	56076.07	56285.2	-35.22	56040.85	56053.10938	56053.70637	56069.48828	504678.4	5408258.5
L4680.0	504678.4	5408256.8	4003.69995	241.28	89.53	48.827273	-86.936258	56074.96	56285.2	-35.22	56039.74	56051.95313	56053.25745	56068.96094	504678.4	5408256.8
L4680.0	504678.4	5408255.2	4003.80005	243.05	89.53	48.827258	-86.936258	56073.27	56285.2	-35.23	56038.04	56050.20313	56052.85648	56068.48438	504678.4	5408255.2
L4680.0	504678.4	5408255.2	4004.00000	245.03	89.53	48.827258	-86.936258	56072.72	56285.2	-35.23	56037.49	56049.60547	56052.38764	56067.93750	504678.4	5408255.2
L4680.0	504678.3	5408253.5	4004.10010	247.85	89.53	48.827243	-86.936258	56071.52	56285.2	-35.23	56036.29	56048.35156	56051.97107	56067.44141	504678.3	5408253.5
L4680.0	504678.3	5408251.9	4004.19995	248.43	89.53	48.827229	-86.936258	56071.02	56285.2	-35.23	56035.79	56047.79688	56051.51695	56066.90625	504678.3	5408251.9
L4680.0	504678.3	5408251.9	4004.30005	246.98	89.53	48.827229	-86.936258	56070.26	56285.2	-35.23	56035.03	56046.98047	56051.08942	56066.39844	504678.3	5408251.9

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4680.0	504678.3	5408250.5	4004.39990	248.76	89.53	48.827216	-86.936258	56069.81	56285.2	-35.23	56034.57	56046.46484	56050.65128	56065.87500	504678.3	5408250.5
L4680.0	504678.3	5408249.2	4004.50000	247.28	89.53	48.827204	-86.936258	56069.93	56285.2	-35.24	56034.69	56046.52344	56050.18401	56065.32813	504678.3	5408249.2
L4680.0	504678.3	5408247.4	4004.60010	248.27	89.53	48.827188	-86.936258	56067.89	56285.2	-35.24	56032.65	56044.42188	56049.87039	56064.92969	504678.3	5408247.4
L4680.0	504678.3	5408247.4	4004.69995	247.85	89.53	48.827188	-86.936258	56067.07	56285.2	-35.24	56031.83	56043.53906	56049.48521	56064.46094	504678.3	5408247.4
L4680.0	504678.3	5408245.5	4004.80005	247.66	89.53	48.827172	-86.936258	56066.57	56285.2	-35.24	56031.33	56042.97266	56049.08858	56063.98047	504678.3	5408245.5
L4680.0	504678.3	5408244.1	4004.89990	246.88	89.53	48.827159	-86.936258	56066.09	56285.2	-35.24	56030.85	56042.42578	56048.70061	56063.50391	504678.3	5408244.1
L4680.0	504678.3	5408242.6	4005.00000	244.93	89.53	48.827146	-86.936258	56066.46	56285.2	-35.24	56031.22	56042.72656	56048.26606	56062.98438	504678.3	5408242.6
L4680.0	504678.4	5408240.7	4005.10010	243.78	89.53	48.827128	-86.936258	56064.56	56285.2	-35.24	56029.32	56040.75391	56047.99300	56062.62500	504678.4	5408240.7
L4680.0	504678.4	5408240.7	4005.19995	241.79	89.53	48.827128	-86.936258	56063.81	56285.2	-35.25	56028.57	56039.92969	56047.65354	56062.19922	504678.4	5408240.7
L4680.0	504678.4	5408239.5	4005.30005	231.59	89.53	48.827117	-86.936258	56062.72	56285.3	-35.25	56027.47	56038.75781	56047.34772	56061.80469	504678.4	5408239.5
L4680.0	504678.4	5408237.5	4005.39990	227.40	89.53	48.827099	-86.936258	56063.13	56285.3	-35.26	56027.87	56039.08203	56046.95229	56061.32031	504678.4	5408237.5
L4680.0	504678.4	5408237.5	4005.50000	236.64	89.53	48.827099	-86.936258	56061.81	56285.3	-35.26	56026.55	56037.68359	56046.68196	56060.96094	504678.4	5408237.5
L4680.0	504678.4	5408235.8	4005.60010	237.42	109.76	48.827084	-86.936258	56062.52	56285.3	-35.26	56027.26	56038.31250	56046.28678	56060.47656	504678.4	5408235.8
L4680.0	504678.4	5408234.4	4005.69995	239.09	109.76	48.827071	-86.936258	56061.38	56285.3	-35.27	56026.12	56037.09375	56046.02545	56060.12500	504678.4	5408234.4
L4680.0	504678.4	5408233.0	4005.69995	239.09	130	48.827059	-86.936257	56060.02	56285.3	-35.27	56024.75	56035.64063	56045.79001	56059.79688	504678.4	5408233.0
L4680.0	504678.4	5408233.0	4005.80005	241.05	130	48.827059	-86.936257	56060.70	56285.3	-35.27	56025.42	56036.22656	56045.42913	56059.34375	504678.4	5408233.0
L4680.0	504678.4	5408231.3	4006.00000	245.15	130	48.827044	-86.936257	56060.83	56285.3	-35.28	56025.55	56036.26953	56045.11484	56058.93750	504678.4	5408231.3
L4680.0	504678.4	5408229.4	4006.10010	249.38	130	48.827026	-86.936257	56059.76	56285.3	-35.28	56024.47	56035.10547	56044.89180	56058.62500	504678.4	5408229.4
L4680.0	504678.4	5408229.4	4006.19995	250.82	130	48.827026	-86.936257	56059.86	56285.3	-35.29	56024.57	56035.11719	56044.60069	56058.23828	504678.4	5408229.4
L4680.0	504678.4	5408226.7	4006.30005	250.26	130	48.827002	-86.936257	56057.84	56285.3	-35.29	56022.55	56033.00781	56044.46147	56058.00781	504678.4	5408226.7
L4680.0	504678.4	5408226.7	4006.39990	254.68	130	48.827002	-86.936257	56058.62	56285.3	-35.30	56023.32	56033.68750	56044.14681	56057.60156	504678.4	5408226.7
L4680.0	504678.4	5408225.3	4006.50000	256.74	130	48.826989	-86.936257	56059.72	56285.3	-35.30	56024.42	56034.69531	56043.82068	56057.17969	504678.4	5408225.3
L4680.0	504678.4	5408223.8	4006.60010	257.65	130	48.826976	-86.936257	56058.37	56285.3	-35.30	56023.06	56033.23828	56043.66904	56056.93359	504678.4	5408223.8
L4680.0	504678.4	5408222.3	4006.69995	256.61	130	48.826963	-86.936257	56058.55	56285.3	-35.31	56023.24	56033.32422	56043.42519	56056.59766	504678.4	5408222.3
L4680.0	504678.4	5408222.3	4006.80005	255.49	130	48.826963	-86.936257	56056.04	56285.3	-35.31	56020.73	56030.71875	56043.37108	56056.44922	504678.4	5408222.3
L4680.0	504678.4	5408220.8	4006.89990	254.69	130	48.826949	-86.936257	56058.02	56285.3	-35.32	56022.70	56032.59375	56043.02866	56056.01172	504678.4	5408220.8
L4680.0	504678.4	5408219.5	4007.00000	251.54	130	48.826938	-86.936257	56058.32	56285.3	-35.32	56023.00	56032.79297	56042.80785	56055.69531	504678.4	5408219.5
L4680.0	504678.4	5408217.8	4007.10010	248.74	130	48.826923	-86.936257	56057.92	56285.3	-35.32	56022.59	56032.28516	56042.64461	56055.43750	504678.4	5408217.8
L4680.0	504678.4	5408216.4	4007.19995	246.65	130	48.826909	-86.936258	56057.38	56285.3	-35.33	56022.05	56031.64453	56042.50019	56055.19531	504678.4	5408216.4
L4680.0	504678.4	5408216.4	4007.30005	241.96	130	48.826909	-86.936258	56058.09	56285.3	-35.33	56022.76	56032.25391	56042.28251	56054.88281	504678.4	5408216.4
L4680.0	504678.4	5408214.9	4007.39990	242.25	130	48.826897	-86.936258	56056.70	56285.3	-35.34	56021.36	56030.75391	56042.21548	56054.72266	504678.4	5408214.9
L4680.0	504678.4	5408213.5	4007.50000	244.80	130	48.826883	-86.936258	56057.51	56285.3	-35.35	56022.17	56031.46094	56042.01104	56054.42188	504678.4	5408213.5
L4680.0	504678.4	5408212.5	4007.60010	248.93	130	48.826875	-86.936258	56057.41	56285.3	-35.35	56022.06	56031.24609	56041.87773	56054.19531	504678.4	5408212.5
L4680.0	504678.4	5408210.8	4007.69995	248.97	130	48.826859	-86.936258	56058.34	56285.4	-35.36	56022.99	56032.07422	56041.68482	56053.90625	504678.4	5408210.8
L4680.0	504678.4	5408210.8	4007.69995	248.97	130	48.826859	-86.936258	56056.73	56285.4	-35.36	56021.37	56030.34766	56041.67152	56053.79688	504678.4	5408210.8
L4680.0	504678.4	5408209.2	4007.80005	251.16	130	48.826845	-86.936258	56056.81	56285.4	-35.36	56021.45	56030.32422	56041.55440	56053.58594	504678.4	5408209.2
L4680.0	504678.4	5408207.7	4008.00000	247.75	130	48.826832	-86.936258	56057.40	56285.4	-35.37	56022.03	56030.79688	56041.41335	56053.34766	504678.4	5408207.7
L4680.0	504678.4	5408205.8	4008.10010	245.11	130	48.826814	-86.936258	56057.41	56285.4	-35.37	56022.04	56030.69922	56041.31960	56053.16016	504678.4	5408205.8
L4680.0	504678.4	5408205.8	4008.19995	240.16	130	48.826814	-86.936258	56057.89	56285.4	-35.38	56022.52	56031.07031	56041.20369	56052.94922	504678.4	5408205.8
L4680.0	504678.4	5408204.3	4008.30005	235.27	130	48.826801	-86.936258	56057.96	56285.4	-35.38	56022.58	56031.02344	56041.12485	56052.77734	504678.4	5408204.3
L4680.0	504678.4	5408202.6	4008.39990	232.35	130	48.826785	-86.936258	56058.34	56285.4	-35.39	56022.96	56031.29688	56041.03362	56052.58984	504678.4	5408202.6
L4680.0	504678.4	5408201.4	4008.50000	230.52	130	48.826774	-86.936258	56058.07	56285.4	-35.39	56022.68	56030.90625	56040.99521	56052.45703	504678.4	5408201.4
L4680.0	504678.4	5408201.4	4008.60010	230.18	130	48.826774	-86.936258	56057.34	56285.4	-35.39	56021.94	56030.05859	56040.99617	56052.36328	504678.4	5408201.4
L4680.0	504678.4	5408199.6	4008.69995	232.65	130	48.826759	-86.936258	56057.69	56285.4	-35.40	56022.29	56030.30078	56040.93303	56052.20703	504678.4	5408199.6
L4680.0	504678.4	5408198.2	4008.80005	236.52	130	48.826746	-86.936258	56057.76	56285.4	-35.40	56022.36	56030.25781	56040.89699	56052.07813	504678.4	5408198.2
L4680.0	504678.4	5408196.7	4008.89990	239.83	130	48.826732	-86.936258	56057.73	56285.4	-35.41	56022.33	56030.12109	56040.87594	56051.96484	504678.4	5408196.7
L4680.0	504678.4	5408195.4	4009.00000	244.71	130	48.826720	-86.936258	56058.32	56285.4	-35.41	56022.91	56030.58984	56040.82239	56051.82031	504678.4	5408195.4
L4680.0	504678.4	5408194.3	4009.10010	244.60	130	48.826710	-86.936258	56058.70	56285.4	-35.42	56023.28	56030.84766	56040.79089	56051.69531	504678.4	5408194.3
L4680.0	504678.4	5408192.9	4009.19995	246.09	130	48.826698	-86.936258	56058.81	56285.4	-35.42	56023.38	56030.83984	56040.78529	56051.59766	504678.4	5408192.9
L4680.0	504678.4	5408192.9	4009.19995	246.09	130	48.826698	-86.936258	56059.86	56285.4	-35.42	56024.44	56031.78906	56040.72345	56051.44531	504678.4	5408192.9
L4680.0	504678.4	5408191.3	4009.39990	247.19	130	48.826684	-86.936258	56059.18	56285.4	-35.43	56023.75	56030.98828	56040.78591	56051.41797	504678.4	5408191.3
L4680.0	504678.4	5408189.8	4009.50000	248.83	130	48.826670	-86.936258	56059.14	56285.4	-35.44	56023.70	56030.82813	56040.81319	56051.35547	504678.4	5408189.8
L4680.0	504678.4	5408188.3	4009.60010	250.56	130	48.826656	-86.936258	56059.43	56285.4	-35.45	56023.99	56031.00781	56040.82515	56051.27734	504678.4	5408188.3
L4680.0	504678.4	5408187.3	4009.60010	263.10	130	48.826648	-86.936258	56060.20	56285.4	-35.45	56024.75	56031.66016	56040.81297	56051.17578	504678.4	5408187.3
L4680.0	504678.4	5408187.3	4009.69995	260.18	130	48.826648	-86.936258	56060.54	56285.5	-35.45	56025.09	56031.89063	56040.83584	56051.10938	504678.4	5408187.3
L4680.0	504678.4	5408184.3	4009.80005	260.18	130	48.826621	-86.936258	56060.83	56285.5	-35.46	56025.37	56032.05859	56040.86963	56051.05469	504678.4	5408184.3
L4680.0	504678.4	5408184.3	4009.80005	258.69	130	48.826621	-86.936258	56061.46	56285.5	-35.46	56026.00	56032.58203	56040.88685	56050.98828	504678.4	5408184.3
L4680.0	504678.4	5408182.6	4010.00000	260.89	130	48.826606	-86.936258	56060.32	56285.5	-35.47	56024.85	56031.32422	56041.02935	56051.04297	504678.4	5408182.6
L4680.0	504678.4	5408181.1	4010.10010	260.89	130	48.826592	-86.936258	56060.87	56285.5	-35.47	56025.40	56031.76563	56040.75482	56050.68359	504678.4	5408181.1
L4680.0	504678.4	5408179.4	4010.19995	262.51	130	48.826577	-86.936258	56060.90	56285.5	-35.47	56025.43	56031.68750	56040.47629	56050.32031	504678.4	5408179.4
L4680.0	504678.4	5408179.4	4010.19995	262.51	130	48.826577	-86.936258	56061.93	56285.5	-35.47	56026.46	56032.60938	56040.26075	56050.01953	504678.4	5408179.4
L4680.0	504678.4	5408178.0	4010.50000	265.50	130	48.826564	-86.936258	56062.46	56285.5	-35.48	56026.99	56033.03125	56040.13495	56049.80859	504678.4	5408178.0
L4680.0	504678.4	5408176.2	4010.60010	262.70	130	48.826548	-86.936258	56062.68	56285.5	-35.48	56027.20	56033.13672	56040.07326	56049.66406	504678.4	5408176.2
L4680.0	504678.4	5408176.2	4010.69995	264.26	130	48.826548	-86.936258	56063.35	56285.5	-35.48	56027.86	56033.68750	56040.08735	56049.59766	504678.4	5408176.2
L4680.0	504678.4	5408174.4	4010.80005	264.21	130	48.826532	-86.936258	56063.96	56285.5	-35.49	56028.48	56034.20313	56040.15898	56049.58984	504678.4	5408174.4
L4680.0	504678.4	5408173.2	4010.89990	266.51	130	48.826521	-86.936258	56063.79	56285.5	-35.49	56028.30	56033.91797	56040.25006	56049.59766	504678.4	5408173.2
L4680.0	504678.4	5408171.8	4011.00000	265.83	130	48.826508	-86.936258	56063.78	56285.5	-35.49	56028.29	56033.80469	56040.39201	56049.66016	504678.4	5408171.8
L4680.0	504678.4	5408171.8	4011.10010	267.11	130	48.826508	-86.936258	56063.94	56285.5	-35.50	56028.44	56033.85156	56040.57859	56049.76953	504678.4	5408171.8
L4680.0	504678.4	5408170.4	4011.19995	265.79	130	48.826496	-86.936258	56065.15	56285.5	-35.50	56029.65	56034.96094	56040.82083	56049.93359	504678.4	5408170.4
L4680.0	504678.4	5408168.9	4011.30005	265.41	130	48.826482	-86.936259	56066.14	56285.5	-35.51	56030.63	56035.83984	56041.06718	56050.10547	504678.4	5408168.9
L4680.0	504678.4	5408167.5	4011.39990	263.15	130	48.826469	-86.936259	56066.34	56285.5	-35.51	56030.83	56035.93750	56041.31470	56050.27734	504678.4	5408167.5
L4680.0	504678.4	5408166.5	4011.50000	259.16	130	48.826461	-86.936259	56066.16	56285.5	-35.52	56030.64	56035.64844	56041.58002	56050.46484	504678.4	5408166.5
L4680.0	504678.4	5408164.6	4011.60010	255.72	130	48.826443	-86.936259	56066.89	56285.5	-35.53	56031.37	56036.27734	56041.84234	56050.65625	504678.4	5408164.6
L4680.0	504678.4	5408164.6	4011.69995	254.37	130	48.826443	-86.936259	56067.15	56285.5	-35.53	56031.62	56036.42969	56042.11388	56050.85156	504678.4	5408164.6
L4680.0	504678.4	5408163.3	4011.69995	254.37	130	48.826432	-86.936259	56067.02	56285.5	-35.53	56031.49	56036.20313	56042.40438	56051.07031	504678.4	5408163.3
L4680.0	504678.3	5408161.7	4011.80005	253.59	130	48.826417	-86.936259	56067.40	56285.5	-35.54	56031.86	56036.47656	56042.66962	56051.26563	504678.3	5408161.7
L4680.0	504678.3	5408160.5	4012.00000	252.34	130	48.826407	-86.936259	56067.66	56285.6	-35.55	56032.11	56036.63281	56042.86496	56051.39063	504678.3	5408160.5
L4680.0	504678.3	5408159.0	4012.10010	252.51	130	48.826393	-86.936260	56068.14	56285.6	-35.56	56032.58	56037.00781	56043.00279	56051.46094	504678.3	5408159.0
L4680.0	504678.3	5408157.5	4012.19995	250.36	130	48.826379	-86.936260	56068.54	56285.6	-35.57	56032.97	56037.30469	56043.14988	56051.53906	504678.3	5408157.5
L4680.0	504678.3	5408157.5	4012.30005	247.80	130	48.826379	-86.936260	56068.69	56285.6	-35.57	56033.12	56037.36328	56043.31678	56051.64063	504678.3	5408157.5
L4680.0	504678.3	5408155.9	4012.39990	250.27	130	48.826365	-86.936261	56069.68	56285.6	-35.58	56034.10	56038.25391	56043.43208	56051.68750	504678.3	5408155.9
L4680.0	504678.2	5408154.2	4012.50000	252.80	130	48.826350	-86.936261	56069.65	56285.6	-35.59	56034.06	56038.12500	56043.61902	56051.80859	504678.2	5408154.2
L4680.0	504678.2	5408152.8	4012.60010	255.31	130	48.826337	-86.936261	56070.44	56285.6	-35.60	56034.84	56038.81641	56043.75485	56051.88281	504678.2	5408152.8
L4680.0	504678.2	5408152.8	4012.69995	257.75	130	48.826337	-86.936261	56070.23	56285.6	-35.61	56034.62	56038.50781	56043.96083	56052.02344	504678.2	5408152.8
L4680.0	504678.2	5408151.2	4012.80005	259.18	130	48.826323	-86.936261	56070.06	56285.6	-35.61	56034.45	56038.25391	56044.16689	56052.16797	504678.2	5408151.2
L4680.0	504678.2	5408149.9	4012.89990	261.39	130	48.826311	-86.936262	56071.20	56285.6	-35.62	56035.57	56039.28906	56044.29028	56052.23047	504678.2	5408149.9
L4680.0	504678.2	5408148.2	4013.00000	260.53	130	48.826296	-86.936262	56071.63	56285.6	-35.63	56036.00	56039.63672	56044.46294	56052.34375	504678.2	5408148.2
L4680.0	504678.2	5408148.2	4013.10010	260.29	130	48.826296	-86.936262	56072.61	56285.6	-35.64	56036.97	56040.52344	56044.60279	56052.42578	504678.2	5408148.2
L4680.0	504678.2	5408146.8	4013.19995	258.68	130	48.826284	-86.936262	56071.55	56285.6	-35.64	56035.90	56039.37500	56044.88177	56052.64453	504678.2	5408146.8
L4680.0	504678.2	5408145.1	4013.30005	255.96	130	48.826269	-86.936262	56070.59	56285.7	-35.65	56034.94	56038.33594	56045.15649	56052.86328	504678.2	5408145.1
L4680.0	504678.2	5408143.8	4013.39990	253.43	130	48.826257	-86.936262	56072.31	56285.7	-35.66	56036.66	56039.97656	56045.25555	56052.90625	504678.2	5408143.8
L4680.0	504678.2	5408142.5	4013.50000	254.15	130	48.826245	-86.936262	56071.78	56285.7	-35.66	56036.11	56039.35156	56045.50888	56053.10547	504678.2	5408142.5
L4680.0	504678.2	5408142.5	4013.60010	256.32	130	48.826245	-86.936262	56073.02	56285.7	-35.67	56037.35	56040.51563	56045.64576	56053.18750	504678.2	5408142.5

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4680.0	504678.2	5408141.1	4013.69995	257.57	130	48.826232	-86.936262	56071.68	56285.7	-35.68	56036.00	56039.08984	56045.95814	56053.44922	504678.2	5408141.1
L4680.0	504678.2	5408139.7	4013.69995	257.57	130	48.826220	-86.936262	56073.12	56285.7	-35.68	56037.44	56040.46094	56046.08727	56053.52344	504678.2	5408139.7
L4680.0	504678.2	5408138.0	4013.80005	257.27	130	48.826205	-86.936262	56073.75	56285.7	-35.69	56038.06	56041.00781	56046.27379	56053.66016	504678.2	5408138.0
L4680.0	504678.2	5408138.0	4014.00000	255.17	130	48.826205	-86.936262	56074.08	56285.7	-35.70	56038.38	56041.25781	56046.48295	56053.82031	504678.2	5408138.0
L4680.0	504678.2	5408136.1	4014.10010	254.92	130	48.826187	-86.936261	56074.66	56285.7	-35.71	56038.95	56041.76172	56046.67803	56053.96484	504678.2	5408136.1
L4680.0	504678.2	5408134.7	4014.19995	253.18	130	48.826175	-86.936261	56075.04	56285.7	-35.72	56039.32	56042.06641	56046.88898	56054.12891	504678.2	5408134.7
L4680.0	504678.2	5408133.3	4014.30005	251.75	130	48.826162	-86.936261	56077.54	56285.7	-35.73	56041.82	56044.50000	56046.96040	56054.15234	504678.2	5408133.3
L4680.0	504678.2	5408131.8	4014.39990	252.19	130	48.826149	-86.936261	56076.33	56285.7	-35.74	56040.59	56043.20703	56047.28290	56054.42969	504678.2	5408131.8
L4680.0	504678.2	5408131.8	4014.50000	250.16	130	48.826149	-86.936261	56076.81	56285.7	-35.74	56041.07	56043.62500	56047.49375	56054.59766	504678.2	5408131.8
L4680.0	504678.3	5408129.7	4014.60010	251.61	130	48.826130	-86.936261	56075.52	56285.8	-35.75	56039.77	56042.26563	56047.82557	56054.88281	504678.3	5408129.7
L4680.0	504678.3	5408129.7	4014.69995	254.76	130	48.826130	-86.936261	56076.78	56285.8	-35.76	56041.02	56043.45703	56047.98963	56055.00391	504678.3	5408129.7
L4680.0	504678.3	5408128.0	4014.80005	256.45	130	48.826114	-86.936260	56078.06	56285.8	-35.77	56042.28	56044.65625	56048.15519	56055.12891	504678.3	5408128.0
L4680.0	504678.3	5408126.4	4014.89990	256.13	130	48.826100	-86.936260	56077.74	56285.8	-35.78	56041.96	56044.28125	56048.42821	56055.35938	504678.3	5408126.4
L4680.0	504678.3	5408124.7	4015.00000	257.55	130	48.826085	-86.936260	56077.70	56285.8	-35.79	56041.91	56044.17969	56048.66902	56055.55859	504678.3	5408124.7
L4680.0	504678.3	5408124.7	4015.10010	260.03	130	48.826085	-86.936260	56077.52	56285.8	-35.80	56041.72	56043.93359	56048.87748	56055.73047	504678.3	5408124.7
L4680.0	504678.3	5408123.5	4015.19995	261.40	130	48.826074	-86.936260	56079.57	56285.8	-35.81	56043.76	56045.92188	56048.97817	56055.79297	504678.3	5408123.5
L4680.0	504678.3	5408122.1	4015.30005	262.10	130	48.826061	-86.936260	56079.77	56285.8	-35.82	56043.95	56046.06250	56049.18570	56055.96094	504678.3	5408122.1
L4680.0	504678.3	5408120.9	4015.39990	265.08	130	48.826051	-86.936260	56078.71	56285.8	-35.83	56042.89	56044.95703	56049.43961	56056.17969	504678.3	5408120.9
L4680.0	504678.3	5408119.6	4015.50000	265.12	130	48.826039	-86.936260	56080.33	56285.8	-35.83	56044.49	56046.50781	56049.61332	56056.31641	504678.3	5408119.6
L4680.0	504678.3	5408118.5	4015.60010	263.23	130	48.826029	-86.936260	56080.00	56285.8	-35.84	56044.15	56046.12109	56049.85198	56056.51953	504678.3	5408118.5
L4680.0	504678.3	5408118.5	4015.69995	262.08	130	48.826029	-86.936260	56081.46	56285.9	-35.85	56045.60	56047.52734	56050.06039	56056.69141	504678.3	5408118.5
L4680.0	504678.4	5408116.7	4015.69995	262.08	130	48.826013	-86.936259	56081.19	56285.9	-35.85	56045.34	56047.22656	56050.31204	56056.91016	504678.4	5408116.7
L4680.0	504678.4	5408115.2	4015.80005	263.02	130	48.825999	-86.936259	56082.50	56285.9	-35.86	56046.64	56048.48438	56050.54497	56057.10938	504678.4	5408115.2
L4680.0	504678.4	5408114.0	4016.00000	260.42	130	48.825988	-86.936259	56083.14	56285.9	-35.88	56047.26	56049.06641	56050.79677	56057.32813	504678.4	5408114.0
L4680.0	504678.4	5408112.5	4016.10010	257.58	130	48.825975	-86.936259	56083.01	56285.9	-35.89	56047.12	56048.88672	56051.07035	56057.57031	504678.4	5408112.5
L4680.0	504678.4	5408112.5	4016.19995	254.46	130	48.825975	-86.936259	56083.76	56285.9	-35.90	56047.86	56049.58984	56051.33194	56057.80078	504678.4	5408112.5
L4680.0	504678.4	5408109.8	4016.30005	253.64	130	48.825951	-86.936259	56083.97	56285.9	-35.91	56048.07	56049.76563	56051.61045	56058.05078	504678.4	5408109.8
L4680.0	504678.4	5408109.8	4016.39990	253.64	130	48.825951	-86.936259	56084.36	56285.9	-35.92	56048.44	56050.10156	56051.88794	56058.29688	504678.4	5408109.8
L4680.0	504678.4	5408108.6	4016.50000	256.51	130	48.825940	-86.936259	56084.07	56285.9	-35.93	56048.14	56049.76953	56052.19680	56058.57813	504678.4	5408108.6
L4680.0	504678.4	5408107.1	4016.60010	258.17	130	48.825926	-86.936259	56084.55	56285.9	-35.93	56048.61	56050.20703	56052.47634	56058.82813	504678.4	5408107.1
L4680.0	504678.4	5408105.7	4016.69995	256.17	130	48.825913	-86.936259	56084.96	56285.9	-35.94	56049.01	56050.57813	56052.75808	56059.08203	504678.4	5408105.7
L4680.0	504678.4	5408104.3	4016.80005	255.36	130	48.825901	-86.936259	56084.88	56286	-35.95	56048.93	56050.47266	56053.06966	56059.36719	504678.4	5408104.3
L4680.0	504678.4	5408103.3	4016.89990	254.42	130	48.825892	-86.936259	56085.36	56286	-35.96	56049.40	56050.91406	56053.32213	56059.59375	504678.4	5408103.3
L4680.0	504678.4	5408103.3	4017.00000	255.61	130	48.825892	-86.936259	56086.88	56286	-35.97	56050.91	56052.39844	56053.50464	56059.75000	504678.4	5408103.3
L4680.0	504678.4	5408101.7	4017.10010	256.47	130	48.825878	-86.936259	56086.40	56286	-35.98	56050.42	56051.88281	56053.82143	56060.04297	504678.4	5408101.7
L4680.0	504678.4	5408100.4	4017.19995	255.84	130	48.825866	-86.936259	56086.52	56286	-35.99	56050.53	56051.97266	56054.09913	56060.29688	504678.4	5408100.4
L4680.0	504678.4	5408098.9	4017.30005	257.41	130	48.825853	-86.936259	56087.21	56286	-36.00	56051.21	56052.62891	56054.33968	56060.51172	504678.4	5408098.9
L4680.0	504678.4	5408097.6	4017.39990	257.60	130	48.825841	-86.936259	56087.68	56286	-36.01	56051.68	56053.07813	56054.59506	56060.74219	504678.4	5408097.6
L4680.0	504678.4	5408096.2	4017.50000	260.44	130	48.825828	-86.936259	56088.04	56286	-36.01	56052.02	56053.39844	56054.85989	56060.98438	504678.4	5408096.2
L4680.0	504678.4	5408096.2	4017.60010	259.28	130	48.825828	-86.936259	56087.52	56286	-36.02	56051.49	56052.85156	56055.18345	56061.28516	504678.4	5408096.2
L4680.0	504678.4	5408094.6	4017.69995	259.32	130	48.825814	-86.936259	56088.98	56286	-36.03	56052.94	56054.28516	56055.37572	56061.45313	504678.4	5408094.6
L4680.0	504678.4	5408093.2	4017.69995	259.32	130	48.825802	-86.936259	56088.87	56286	-36.03	56052.84	56054.16797	56055.67199	56061.72656	504678.4	5408093.2
L4680.0	504678.5	5408091.8	4017.80005	257.45	130	48.825789	-86.936258	56090.07	56286	-36.04	56054.02	56055.33594	56055.88355	56061.91797	504678.5	5408091.8
L4680.0	504678.5	5408090.2	4018.00000	255.09	130	48.825774	-86.936258	56090.26	56286.1	-36.06	56054.20	56055.50000	56056.16237	56062.17578	504678.5	5408090.2
L4680.0	504678.5	5408088.7	4018.10010	254.23	130	48.825761	-86.936258	56090.58	56286.1	-36.07	56054.51	56055.80078	56056.43308	56062.42578	504678.5	5408088.7
L4680.0	504678.5	5408088.7	4018.19995	254.96	130	48.825761	-86.936258	56091.96	56286.1	-36.08	56055.88	56057.15625	56056.63365	56062.60547	504678.5	5408088.7
L4680.0	504678.5	5408086.9	4018.30005	255.86	130	48.825745	-86.936258	56092.57	56286.1	-36.09	56056.49	56057.75781	56056.88538	56062.83594	504678.5	5408086.9
L4680.0	504678.5	5408085.3	4018.39990	257.17	130	48.825731	-86.936258	56092.04	56286.1	-36.10	56055.94	56057.19922	56057.21492	56063.14453	504678.5	5408085.3
L4680.0	504678.5	5408083.9	4018.50000	255.58	130	48.825718	-86.936258	56092.09	56286.1	-36.10	56055.99	56057.24219	56057.50488	56063.41406	504678.5	5408083.9
L4680.0	504678.5	5408083.9	4018.60010	255.14	130	48.825718	-86.936258	56093.35	56286.1	-36.11	56057.24	56058.48438	56057.71360	56063.60547	504678.5	5408083.9
L4680.0	504678.5	5408081.9	4018.69995	256.06	130	48.825700	-86.936257	56093.45	56286.1	-36.12	56057.33	56058.56641	56057.99698	56063.86719	504678.5	5408081.9
L4680.0	504678.6	5408080.3	4018.80005	256.95	130	48.825686	-86.936257	56093.73	56286.1	-36.13	56057.60	56058.83203	56058.26923	56064.12109	504678.6	5408080.3
L4680.0	504678.6	5408080.3	4018.89990	256.12	130	48.825686	-86.936257	56092.60	56286.1	-36.14	56056.46	56057.68750	56058.60317	56064.43750	504678.6	5408080.3
L4680.0	504678.6	5408078.9	4019.00000	257.91	130	48.825673	-86.936257	56093.25	56286.2	-36.15	56057.10	56058.32422	56058.85324	56064.66797	504678.6	5408078.9
L4680.0	504678.6	5408077.4	4019.10010	257.98	130	48.825659	-86.936257	56094.17	56286.2	-36.16	56058.01	56059.23047	56059.10018	56064.89453	504678.6	5408077.4
L4680.0	504678.6	5408075.7	4019.19995	259.53	130	48.825644	-86.936257	56094.99	56286.2	-36.17	56058.82	56060.03906	56059.35782	56065.13281	504678.6	5408075.7
L4680.0	504678.6	5408075.7	4019.30005	261.34	130	48.825644	-86.936257	56095.13	56286.2	-36.18	56058.95	56060.16797	56059.63551	56065.39453	504678.6	5408075.7
L4680.0	504678.6	5408074.1	4019.39990	261.67	130	48.825630	-86.936256	56094.57	56286.2	-36.19	56058.38	56059.59766	56059.92333	56065.66406	504678.6	5408074.1
L4680.0	504678.6	5408072.7	4019.50000	263.33	130	48.825617	-86.936256	56095.93	56286.2	-36.20	56059.73	56060.94922	56060.18282	56065.90625	504678.6	5408072.7
L4680.0	504678.6	5408071.2	4019.60010	263.40	130	48.825603	-86.936256	56096.12	56286.2	-36.21	56059.91	56061.12891	56060.46047	56066.16406	504678.6	5408071.2
L4680.0	504678.6	5408071.2	4019.69995	261.66	130	48.825603	-86.936256	56095.27	56286.2	-36.22	56059.05	56060.27344	56060.74554	56066.43359	504678.6	5408071.2
L4680.0	504678.6	5408069.9	4019.69995	261.66	130	48.825592	-86.936256	56096.90	56286.2	-36.22	56060.68	56061.90625	56061.01437	56066.68359	504678.6	5408069.9
L4680.0	504678.7	5408068.3	4019.80005	260.19	130	48.825578	-86.936256	56096.97	56286.2	-36.23	56060.74	56061.96875	56061.29445	56066.94531	504678.7	5408068.3
L4680.0	504678.7	5408066.6	4020.00000	258.82	130	48.825562	-86.936256	56096.79	56286.3	-36.25	56060.54	56061.77344	56061.57780	56067.21094	504678.7	5408066.6
L4680.0	504678.7	5408066.6	4020.10010	256.54	130	48.825562	-86.936256	56098.11	56286.3	-36.26	56061.85	56063.08594	56061.84861	56067.46484	504678.7	5408066.6
L4680.0	504678.7	5408065.1	4020.19995	255.58	130	48.825549	-86.936256	56099.33	56286.3	-36.27	56063.06	56064.30078	56062.11383	56067.71094	504678.7	5408065.1
L4680.0	504678.7	5408063.5	4020.30005	255.27	130	48.825534	-86.936256	56099.70	56286.3	-36.28	56063.42	56064.66797	56062.38622	56067.96875	504678.7	5408063.5
L4680.0	504678.7	5408062.0	4020.39990	254.65	130	48.825521	-86.936256	56098.43	56286.3	-36.29	56062.14	56063.39453	56062.70060	56068.26563	504678.7	5408062.0
L4680.0	504678.7	5408062.0	4020.50000	259.14	130	48.825521	-86.936256	56099.78	56286.3	-36.30	56063.48	56064.74219	56062.94749	56068.49219	504678.7	5408062.0
L4680.0	504678.7	5408060.6	4020.60010	260.47	130	48.825508	-86.936256	56098.34	56286.3	-36.31	56062.03	56063.29688	56063.29653	56068.82422	504678.7	5408060.6
L4680.0	504678.7	5408059.2	4020.69995	260.83	130	48.825496	-86.936256	56100.08	56286.3	-36.32	56063.76	56065.03516	56063.51179	56069.02344	504678.7	5408059.2
L4680.0	504678.7	5408059.2	4020.80005	260.69	130	48.825496	-86.936256	56099.52	56286.3	-36.33	56063.19	56064.47266	56063.84069	56069.33594	504678.7	5408059.2
L4680.0	504678.7	5408057.5	4020.89990	259.40	130	48.825481	-86.936256	56099.78	56286.3	-36.34	56063.44	56064.73047	56064.12576	56069.60156	504678.7	5408057.5
L4680.0	504678.7	5408056.2	4021.00000	257.92	130	48.825469	-86.936256	56101.20	56286.3	-36.35	56064.85	56066.14844	56064.32988	56069.78906	504678.7	5408056.2
L4680.0	504678.7	5408054.7	4021.10010	256.00	130	48.825455	-86.936256	56101.62	56286.4	-36.36	56065.26	56066.57031	56064.60067	56070.04297	504678.7	5408054.7
L4680.0	504678.7	5408053.2	4021.19995	253.12	130	48.825441	-86.936256	56102.11	56286.4	-36.36	56065.74	56067.05859	56064.86679	56070.28906	504678.7	5408053.2
L4680.0	504678.7	5408052.4	4021.30005	254.34	130	48.825434	-86.936256	56101.70	56286.4	-36.37	56065.33	56066.65625	56065.19221	56070.59766	504678.7	5408052.4
L4680.0	504678.7	5408050.9	4021.39990	252.98	130	48.825421	-86.936256	56102.69	56286.4	-36.37	56066.31	56067.64844	56065.42493	56070.81250	504678.7	5408050.9
L4680.0	504678.7	5408049.5	4021.50000	252.79	130	48.825408	-86.936255	56103.47	56286.4	-36.38	56067.09	56068.43750	56065.67093	56071.04297	504678.7	5408049.5
L4680.0	504678.7	5408049.5	4021.60010	254.21	130	48.825408	-86.936255	56103.57	56286.4	-36.39	56067.19	56068.54688	56065.96219	56071.31641	504678.7	5408049.5
L4680.0	504678.7	5408047.6	4021.69995	254.19	130	48.825391	-86.936255	56103.79	56286.4	-36.39	56067.40	56068.76953	56066.24605	56071.58203	504678.7	5408047.6
L4680.0	504678.7	5408047.6	4021.69995	254.19	130	48.825391	-86.936255	56103.73	56286.4	-36.39	56067.33	56068.70703	56066.54848	56071.86719	504678.7	5408047.6
L4680.0	504678.7	5408046.1	4021.80005	254.28	130	48.825377	-86.936255	56103.40	56286.4	-36.40	56067.00	56068.39063	56066.86815	56072.16797	504678.7	5408046.1
L4680.0	504678.7	5408044.6	4022.00000	254.59	130	48.825364	-86.936256	56104.13	56286.4	-36.41	56067.71	56069.10938	56067.11837	56072.39844	504678.7	5408044.6
L4680.0	504678.7	5408043.3	4022.10010	253.83	130	48.825352	-86.936256	56105.30	56286.4	-36.42	56068.88	56070.29297	56067.33780	56072.60156	504678.7	5408043.3
L4680.0	504678.7	5408042.1	4022.19995	253.60	130	48.825342	-86.936256	56105.57	56286.4	-36.43	56069.14	56070.56250	56067.61776	56072.86328	504678.7	5408042.1
L4680.0	504678.7	5408040.7	4022.30005	250.76	130	48.825329	-86.936256	56104.88	56286.4	-36.44	56068.44	56069.87500	56067.96158	56073.18750	504678.7	5408040.7
L4680.0	504678.7	5408040.7	4022.39990	251.42	130	48.825329	-86.936256	56106.38	56286.5	-36.45	56069.93	56071.37500	56068.15925	56073.36719	504678.7	5408040.7
L4680.0	504678.7	5408038.8	4022.50000	249.51	130	48.825312	-86.936256	56105.98	56286.5	-36.46	56069.51	56070.96484	56068.48408	56073.67578	504678.7	5408038.8
L4680.0	504678.7	5408037.1	4022.60010	251.89	130	48.825297	-86.936256	56106.78	56286.5	-36.48	56070.30	56071.76563	56068.72808	56073.90234	504678.7	5408037.1
L4680.0	504678.7	5408036.2	4022.69995	255.60	130	48.825288	-86.936256	56106.69	56286.5	-36.49	56070.20	56071.67578	56069.03124	56074.18359	504678.7	5408036.2
L4680.0	504678.7	5408034.8	4022.80005	257.33	130	48.825276	-86.936255	56108.00	56286.5	-36.50	56071.50	56072.98828	56069.24087	56074.37500	504678.7	5408034.8
L4680.0	504678.7	5408034.8	4022.89990	257.51	130	48.825276	-86.936255	56108.23	56286.5	-36.51	56071.72	56073.21875	56069.52232	56074.64063	504678.7	5408034.8

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4680.0	504678.7	5408033.3	4023.00000	258.22	130	48.825263	-86.936255	56107.70	56286.5	-36.52	56071.18	56072.69141	56069.85423	56074.95313	504678.7	5408033.3
L4680.0	504678.7	5408031.8	4023.10010	257.47	130	48.825249	-86.936255	56108.31	56286.5	-36.53	56071.78	56073.30078	56070.10995	56075.19141	504678.7	5408031.8
L4680.0	504678.7	5408030.1	4023.19995	258.75	130	48.825234	-86.936255	56108.53	56286.5	-36.53	56072.00	56073.53125	56070.39486	56075.45703	504678.7	5408030.1
L4680.0	504678.7	5408029.3	4023.30005	258.22	130	48.825226	-86.936256	56109.12	56286.5	-36.54	56072.58	56074.12109	56070.66767	56075.71094	504678.7	5408029.3
L4680.0	504678.7	5408029.3	4023.39990	256.75	130	48.825226	-86.936256	56110.04	56286.5	-36.55	56073.50	56075.05078	56070.92871	56075.95313	504678.7	5408029.3
L4680.0	504678.7	5408026.5	4023.50000	257.29	130	48.825201	-86.936256	56109.29	56286.6	-36.55	56072.73	56074.29297	56071.26554	56076.27344	504678.7	5408026.5
L4680.0	504678.7	5408026.5	4023.60010	258.04	130	48.825201	-86.936256	56108.96	56286.6	-36.56	56072.40	56073.97266	56071.57148	56076.55859	504678.7	5408026.5
L4680.0	504678.7	5408024.3	4023.69995	259.01	130	48.825181	-86.936256	56109.56	56286.6	-36.57	56072.99	56074.57031	56071.84453	56076.81250	504678.7	5408024.3
L4680.0	504678.7	5408022.9	4023.69995	259.01	130	48.825169	-86.936256	56109.92	56286.6	-36.57	56073.35	56074.94141	56072.12497	56077.07422	504678.7	5408022.9
L4680.0	504678.7	5408022.9	4023.80005	259.92	130	48.825169	-86.936256	56110.47	56286.6	-36.58	56073.90	56075.50000	56072.40208	56077.33203	504678.7	5408022.9
L4680.0	504678.7	5408021.1	4024.00000	260.86	130	48.825153	-86.936256	56111.82	56286.6	-36.59	56075.23	56076.83984	56072.67094	56077.58203	504678.7	5408021.1
L4680.0	504678.7	5408019.3	4024.10010	261.89	130	48.825137	-86.936257	56111.52	56286.6	-36.60	56074.92	56076.53906	56072.95839	56077.85156	504678.7	5408019.3
L4680.0	504678.6	5408017.6	4024.19995	262.76	130	48.825122	-86.936257	56111.44	56286.6	-36.61	56074.83	56076.45703	56073.23934	56078.11328	504678.6	5408017.6
L4680.0	504678.6	5408017.6	4024.30005	263.47	130	48.825122	-86.936257	56112.53	56286.6	-36.61	56075.92	56077.55469	56073.51025	56078.36719	504678.6	5408017.6
L4680.0	504678.6	5408016.2	4024.39990	262.44	130	48.825109	-86.936257	56113.11	56286.6	-36.62	56076.48	56078.12109	56073.78211	56078.62109	504678.6	5408016.2
L4680.0	504678.6	5408014.6	4024.50000	261.49	130	48.825094	-86.936257	56112.00	56286.6	-36.63	56075.37	56077.01953	56074.06333	56078.88281	504678.6	5408014.6
L4680.0	504678.6	5408014.6	4024.60010	259.93	130	48.825094	-86.936257	56113.23	56286.6	-36.64	56076.60	56078.25391	56074.32494	56079.12500	504678.6	5408014.6
L4680.0	504678.6	5408013.1	4024.69995	259.70	130	48.825081	-86.936257	56113.12	56286.6	-36.65	56076.47	56078.13281	56074.59706	56079.37891	504678.6	5408013.1
L4680.0	504678.6	5408011.7	4024.80005	261.10	130	48.825068	-86.936257	56115.07	56286.7	-36.65	56078.42	56080.08984	56074.83634	56079.60156	504678.6	5408011.7
L4680.0	504678.6	5408011.7	4024.89990	258.32	130	48.825068	-86.936257	56113.12	56286.7	-36.66	56076.46	56078.13281	56075.14080	56079.88672	504678.6	5408011.7
L4680.0	504678.6	5408009.8	4025.00000	259.21	130	48.825051	-86.936257	56113.26	56286.7	-36.67	56076.59	56078.26953	56075.41164	56080.13672	504678.6	5408009.8
L4680.0	504678.6	5408008.3	4025.10010	258.73	130	48.825038	-86.936257	56114.83	56286.7	-36.68	56078.15	56079.83594	56075.64213	56080.35156	504678.6	5408008.3
L4680.0	504678.6	5408006.9	4025.19995	257.59	130	48.825025	-86.936258	56114.63	56286.7	-36.69	56077.94	56079.62891	56075.92014	56080.60938	504678.6	5408006.9
L4680.0	504678.6	5408005.6	4025.30005	257.42	130	48.825013	-86.936258	56115.01	56286.7	-36.70	56078.31	56080.00391	56076.18098	56080.85156	504678.6	5408005.6
L4680.0	504678.6	5408004.2	4025.39990	256.39	130	48.825001	-86.936258	56115.38	56286.7	-36.71	56078.67	56080.36719	56076.44218	56081.09766	504678.6	5408004.2
L4680.0	504678.6	5408004.2	4025.50000	257.90	130	48.825001	-86.936258	56116.55	56286.7	-36.71	56079.83	56081.53125	56076.66979	56081.30469	504678.6	5408004.2
L4680.0	504678.6	5408002.7	4025.60010	258.99	130	48.824988	-86.936258	56116.40	56286.7	-36.72	56079.68	56081.38672	56076.95369	56081.57031	504678.6	5408002.7
L4680.0	504678.5	5408001.2	4025.69995	255.81	130	48.824974	-86.936258	56115.96	56286.7	-36.73	56079.23	56080.93750	56077.25433	56081.85547	504678.5	5408001.2
L4680.0	504678.5	5407999.8	4025.69995	255.81	130	48.824961	-86.936258	56117.08	56286.7	-36.73	56080.35	56082.06250	56077.48533	56082.06641	504678.5	5407999.8
L4680.0	504678.5	5407998.6	4025.80005	255.45	130	48.824950	-86.936259	56116.83	56286.7	-36.74	56080.09	56081.80469	56077.78083	56082.34375	504678.5	5407998.6
L4680.0	504678.5	5407998.6	4026.00000	257.49	130	48.824950	-86.936259	56118.32	56286.8	-36.76	56081.56	56083.27344	56078.00165	56082.54688	504678.5	5407998.6
L4680.0	504678.5	5407997.0	4026.10010	257.86	130	48.824936	-86.936259	56118.07	56286.8	-36.77	56081.30	56083.01563	56078.30005	56082.82813	504678.5	5407997.0
L4680.0	504678.5	5407995.3	4026.19995	256.73	130	48.824921	-86.936259	56118.09	56286.8	-36.78	56081.31	56083.02734	56078.58660	56083.09766	504678.5	5407995.3
L4680.0	504678.5	5407994.0	4026.30005	258.16	130	48.824909	-86.936259	56118.27	56286.8	-36.78	56081.49	56083.20703	56078.86614	56083.35938	504678.5	5407994.0
L4680.0	504678.5	5407993.0	4026.39990	260.64	130	48.824900	-86.936259	56118.97	56286.8	-36.79	56082.18	56083.89453	56079.12909	56083.60547	504678.5	5407993.0
L4680.0	504678.5	5407993.0	4026.50000	258.81	130	48.824900	-86.936259	56119.96	56286.8	-36.80	56083.16	56084.87500	56079.38588	56083.84766	504678.5	5407993.0
L4680.0	504678.5	5407991.7	4026.60010	258.89	130	48.824888	-86.936259	56120.34	56286.8	-36.81	56083.54	56085.25391	56079.66016	56084.10547	504678.5	5407991.7
L4680.0	504678.5	5407990.2	4026.69995	260.65	130	48.824875	-86.936259	56119.29	56286.8	-36.82	56082.47	56084.18359	56079.96532	56084.39453	504678.5	5407990.2
L4680.0	504678.5	5407988.8	4026.80005	260.94	130	48.824862	-86.936260	56120.22	56286.8	-36.82	56083.39	56085.10156	56080.22039	56084.63281	504678.5	5407988.8
L4680.0	504678.5	5407988.8	4026.89990	261.98	130	48.824862	-86.936260	56120.12	56286.8	-36.83	56083.29	56085.00000	56080.49430	56084.89063	504678.5	5407988.8
L4680.0	504678.4	5407985.9	4027.00000	261.20	130	48.824836	-86.936260	56120.56	56286.8	-36.84	56083.72	56085.42578	56080.75233	56085.13281	504678.4	5407985.9
L4680.0	504678.4	5407984.6	4027.10010	258.89	130	48.824825	-86.936260	56121.66	56286.8	-36.85	56084.82	56086.52344	56080.98769	56085.35156	504678.4	5407984.6
L4680.0	504678.4	5407984.6	4027.19995	260.20	130	48.824825	-86.936260	56121.91	56286.9	-36.86	56085.05	56086.74609	56081.23475	56085.58203	504678.4	5407984.6
L4680.0	504678.4	5407983.2	4027.30005	262.89	130	48.824812	-86.936260	56122.11	56286.9	-36.87	56085.25	56086.94531	56081.47502	56085.80859	504678.4	5407983.2
L4680.0	504678.4	5407981.5	4027.39990	261.28	130	48.824797	-86.936261	56121.34	56286.9	-36.88	56084.46	56086.14844	56081.75332	56086.07031	504678.4	5407981.5
L4680.0	504678.4	5407980.1	4027.50000	260.85	130	48.824784	-86.936261	56122.46	56286.9	-36.88	56085.58	56087.26172	56081.94101	56086.24219	504678.4	5407980.1
L4680.0	504678.4	5407979.3	4027.60010	260.27	130	48.824777	-86.936261	56122.97	56286.9	-36.89	56086.08	56087.75781	56082.14720	56086.43359	504678.4	5407979.3
L4680.0	504678.4	5407978.1	4027.69995	258.04	130	48.824766	-86.936261	56123.07	56286.9	-36.90	56086.17	56087.83984	56082.41938	56086.69141	504678.4	5407978.1
L4680.0	504678.4	5407978.1	4027.69995	258.04	130	48.824766	-86.936261	56123.54	56286.9	-36.90	56086.63	56088.29688	56082.66632	56086.92578	504678.4	5407978.1
L4680.0	504678.4	5407976.3	4027.80005	256.34	130	48.824750	-86.936261	56122.92	56286.9	-36.91	56086.01	56087.66797	56082.98467	56087.22656	504678.4	5407976.3
L4680.0	504678.4	5407975.0	4028.00000	259.48	130	48.824738	-86.936261	56123.40	56286.9	-36.93	56086.47	56088.12109	56083.23043	56087.46094	504678.4	5407975.0
L4680.0	504678.3	5407973.5	4028.10010	259.47	130	48.824724	-86.936261	56124.23	56286.9	-36.94	56087.30	56088.94141	56083.45095	56087.66797	504678.3	5407973.5
L4680.0	504678.3	5407973.5	4028.19995	255.72	130	48.824724	-86.936261	56123.64	56286.9	-36.94	56086.69	56088.32422	56083.76690	56087.96875	504678.3	5407973.5
L4680.0	504678.3	5407971.6	4028.30005	254.51	130	48.824708	-86.936261	56124.72	56287	-36.95	56087.77	56089.39453	56083.96960	56088.15625	504678.3	5407971.6
L4680.0	504678.3	5407970.2	4028.39990	253.79	130	48.824695	-86.936261	56125.68	56287	-36.96	56088.72	56090.33594	56084.18040	56088.35547	504678.3	5407970.2
L4680.0	504678.3	5407968.5	4028.50000	250.38	130	48.824680	-86.936261	56124.65	56287	-36.96	56087.68	56089.28516	56084.52330	56088.68359	504678.3	5407968.5
L4680.0	504678.3	5407968.5	4028.60010	247.93	130	48.824680	-86.936261	56124.89	56287	-36.97	56087.92	56089.51563	56084.78032	56088.92969	504678.3	5407968.5
L4680.0	504678.3	5407967.3	4028.69995	247.15	130	48.824669	-86.936261	56125.86	56287	-36.98	56088.88	56090.46484	56084.98880	56089.12500	504678.3	5407967.3
L4680.0	504678.3	5407965.5	4028.80005	248.97	130	48.824653	-86.936261	56126.14	56287	-36.99	56089.16	56090.73438	56085.24206	56089.36719	504678.3	5407965.5
L4680.0	504678.4	5407964.2	4028.89990	249.00	130	48.824641	-86.936261	56126.48	56287	-36.99	56089.49	56091.05469	56085.49147	56089.60156	504678.4	5407964.2
L4680.0	504678.4	5407963.0	4029.00000	249.06	130	48.824630	-86.936261	56126.39	56287	-37.00	56089.39	56090.94141	56085.76903	56089.86719	504678.4	5407963.0
L4680.0	504678.4	5407961.4	4029.10010	248.87	130	48.824616	-86.936261	56127.81	56287	-37.01	56090.80	56092.33984	56085.94541	56090.03125	504678.4	5407961.4
L4680.0	504678.4	5407960.1	4029.19995	251.41	130	48.824604	-86.936261	56126.39	56287	-37.02	56089.37	56090.89844	56086.31064	56090.38672	504678.4	5407960.1
L4680.0	504678.4	5407960.1	4029.30005	254.11	130	48.824604	-86.936261	56127.02	56287	-37.03	56090.00	56091.51563	56086.53806	56090.60156	504678.4	5407960.1
L4680.0	504678.4	5407958.3	4029.39990	255.31	130	48.824588	-86.936261	56127.68	56287	-37.04	56090.64	56092.14063	56086.76434	56090.81641	504678.4	5407958.3
L4680.0	504678.4	5407957.2	4029.50000	259.11	130	48.824578	-86.936261	56127.71	56287	-37.04	56090.67	56092.16016	56087.03084	56091.07031	504678.4	5407957.2
L4680.0	504678.4	5407957.2	4029.60010	247.18	130	48.824578	-86.936261	56128.11	56287.1	-37.05	56091.06	56092.53516	56087.27290	56091.30078	504678.4	5407957.2
L4680.0	504678.4	5407955.5	4029.69995	251.86	130	48.824563	-86.936260	56128.31	56287.1	-37.06	56091.25	56092.71094	56087.52787	56091.54688	504678.4	5407955.5
L4680.0	504678.5	5407954.2	4029.69995	251.86	130	48.824551	-86.936260	56128.62	56287.1	-37.06	56091.55	56092.99609	56087.77511	56091.78125	504678.5	5407954.2
L4680.0	504678.5	5407952.9	4029.80005	253.82	130	48.824539	-86.936259	56127.88	56287.1	-37.07	56090.81	56092.24219	56088.09129	56092.08984	504678.5	5407952.9
L4680.0	504678.5	5407951.3	4030.00000	255.59	130	48.824525	-86.936259	56129.68	56287.1	-37.09	56092.59	56094.00781	56088.23909	56092.22656	504678.5	5407951.3
L4680.0	504678.5	5407950.0	4030.10010	255.92	130	48.824513	-86.936259	56129.02	56287.1	-37.10	56091.92	56093.32031	56088.54987	56092.52734	504678.5	5407950.0
L4680.0	504678.5	5407950.0	4030.19995	262.55	130	48.824513	-86.936259	56129.67	56287.1	-37.10	56092.57	56093.95313	56088.77231	56092.73828	504678.5	5407950.0
L4680.0	504678.6	5407948.2	4030.30005	263.04	130	48.824497	-86.936258	56129.86	56287.1	-37.11	56092.75	56094.11719	56089.02575	56092.98047	504678.6	5407948.2
L4680.0	504678.6	5407947.1	4030.39990	265.05	130	48.824487	-86.936258	56130.36	56287.1	-37.11	56093.24	56094.59375	56089.25821	56093.20313	504678.6	5407947.1
L4680.0	504678.6	5407945.6	4030.50000	255.03	130	48.824474	-86.936258	56130.06	56287.1	-37.12	56092.94	56094.27344	56089.54304	56093.48047	504678.6	5407945.6
L4680.0	504678.6	5407944.3	4030.60010	252.50	130	48.824462	-86.936258	56130.23	56287.1	-37.13	56093.10	56094.41797	56089.79692	56093.72266	504678.6	5407944.3
L4680.0	504678.7	5407943.1	4030.69995	245.32	130	48.824451	-86.936257	56129.45	56287.1	-37.13	56092.32	56093.62109	56090.11318	56094.03125	504678.7	5407943.1
L4680.0	504678.7	5407941.9	4030.80005	242.48	130	48.824440	-86.936257	56129.70	56287.1	-37.14	56092.56	56093.84375	56090.36118	56094.26953	504678.7	5407941.9
L4680.0	504678.7	5407941.9	4030.89990	241.60	130	48.824440	-86.936257	56130.75	56287.1	-37.14	56093.60	56094.86719	56090.55559	56094.45313	504678.7	5407941.9
L4680.0	504678.7	5407939.9	4031.00000	242.27	130	48.824422	-86.936257	56131.04	56287.2	-37.15	56093.89	56095.13672	56090.79976	56094.69141	504678.7	5407939.9
L4680.0	504678.7	5407938.5	4031.10010	247.73	130	48.824410	-86.936256	56131.65	56287.2	-37.16	56094.49	56095.71875	56091.02302	56094.90234	504678.7	5407938.5
L4680.0	504678.8	5407937.3	4031.19995	249.26	130	48.824399	-86.936256	56131.65	56287.2	-37.17	56094.48	56095.69141	56091.28671	56095.16016	504678.8	5407937.3
L4680.0	504678.8	5407936.3	4031.30005	251.82	130	48.824389	-86.936256	56132.71	56287.2	-37.18	56095.53	56096.72266	56091.47951	56095.34375	504678.8	5407936.3
L4680.0	504678.8	5407934.5	4031.39990	254.62	130	48.824374	-86.936255	56132.44	56287.2	-37.19	56095.25	56096.42188	56091.76075	56095.61328	504678.8	5407934.5
L4680.0	504678.8	5407933.4	4031.50000	254.93	130	48.824364	-86.936255	56132.18	56287.2	-37.19	56094.99	56096.14453	56092.04044	56095.88672	504678.8	5407933.4
L4680.0	504678.8	5407933.4	4031.60010	255.46	130	48.824364	-86.936255	56133.16	56287.2	-37.20	56095.96	56097.09375	56092.23792	56096.07422	504678.8	5407933.4
L4680.0	504678.8	5407931.8	4031.69995	257.10	130	48.824349	-86.936255	56133.46	56287.2	-37.21	56096.25	56097.36328	56092.48051	56096.30859	504678.8	5407931.8
L4680.0	504678.8	5407930.1	4031.69995	257.10	130	48.824334	-86.936255	56133.73	56287.2	-37.21	56096.52	56097.61328	56092.72422	56096.54297	504678.8	5407930.1
L4680.0	504678.8	5407930.1	4031.80005	258.48	130	48.824334	-86.936255	56134.18	56287.2	-37.22	56096.96	56098.03516	56092.95637	56096.76563	504678.8	5407930.1
L4680.0	504678.8	5407928.8	4032.00000	257.59	130	48.824323	-86.936255	56133.59	56287.2	-37.24	56096.35	56097.40625	56093.25832	56097.05859	504678.8	5407928.8
L4680.0	504678.8	5407927.3	4032.10010	258.51	130	48.824309	-86.936256	56135.24	56287.2	-37.24	56098.00	56099.03516	56093.40937	56097.20313	504678.8	5407927.3
L4680.0	504678.8	5407925.9	4032.19995	258.84	130	48.824297	-86.936256	56133.92	56287.2	-37.25	56096.68	56097.69531	56093.75821	56097.54297	504678.8	5407925.9

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4680.0	504678.8	5407924.8	4032.30005	259.94	130	48.824287	-86.936256	56134.48	56287.2	-37.25	56097.23	56098.22266	56093.98216	56097.75781	504678.8	5407924.8
L4680.0	504678.8	5407923.2	4032.39990	261.10	130	48.824272	-86.936256	56135.16	56287.3	-37.25	56097.91	56098.88281	56094.19721	56097.96484	504678.8	5407923.2
L4680.0	504678.8	5407923.2	4032.50000	264.57	130	48.824272	-86.936256	56135.50	56287.3	-37.25	56098.24	56099.19141	56094.43538	56098.19531	504678.8	5407923.2
L4680.0	504678.8	5407921.4	4032.60010	263.19	130	48.824256	-86.936256	56135.50	56287.3	-37.26	56098.24	56099.16797	56094.69565	56098.44531	504678.8	5407921.4
L4680.0	504678.8	5407920.0	4032.69995	260.88	130	48.824244	-86.936256	56135.79	56287.3	-37.26	56098.53	56099.43750	56094.93965	56098.67969	504678.8	5407920.0
L4680.0	504678.7	5407918.6	4032.80005	257.10	130	48.824231	-86.936256	56136.43	56287.3	-37.26	56099.16	56100.04688	56095.15799	56098.89063	504678.7	5407918.6
L4680.0	504678.7	5407917.1	4032.89990	257.53	130	48.824218	-86.936257	56136.28	56287.3	-37.27	56099.01	56099.87500	56095.42372	56099.14844	504678.7	5407917.1
L4680.0	504678.7	5407917.1	4033.00000	257.51	130	48.824218	-86.936257	56136.66	56287.3	-37.27	56099.39	56100.23438	56095.65601	56099.37109	504678.7	5407917.1
L4680.0	504678.7	5407915.5	4033.10010	257.25	130	48.824202	-86.936256	56137.42	56287.3	-37.28	56100.14	56100.96094	56095.86475	56099.57031	504678.7	5407915.5
L4680.0	504678.8	5407914.3	4033.19995	257.04	130	48.824192	-86.936256	56137.29	56287.3	-37.29	56100.00	56100.80078	56096.13258	56099.82813	504678.8	5407914.3
L4680.0	504678.8	5407912.8	4033.30005	257.39	130	48.824179	-86.936256	56137.42	56287.3	-37.30	56100.12	56100.89844	56096.38282	56100.07031	504678.8	5407912.8
L4680.0	504678.8	5407911.3	4033.39990	257.65	130	48.824165	-86.936256	56138.55	56287.3	-37.31	56101.24	56101.99609	56096.56613	56100.24219	504678.8	5407911.3
L4680.0	504678.8	5407910.0	4033.50000	255.50	130	48.824154	-86.936256	56138.03	56287.3	-37.32	56100.71	56101.44141	56096.85920	56100.52734	504678.8	5407910.0
L4680.0	504678.8	5407910.0	4033.60010	256.39	130	48.824154	-86.936256	56138.86	56287.3	-37.33	56101.53	56102.24219	56097.06200	56100.71875	504678.8	5407910.0
L4680.0	504678.8	5407907.5	4033.69995	257.32	130	48.824130	-86.936256	56137.26	56287.3	-37.34	56099.92	56100.60938	56097.42653	56101.07422	504678.8	5407907.5
L4680.0	504678.8	5407907.5	4033.69995	257.32	130	48.824130	-86.936256	56138.31	56287.3	-37.34	56100.97	56101.63672	56097.61347	56101.25391	504678.8	5407907.5
L4680.0	504678.8	5407905.9	4033.80005	258.36	130	48.824116	-86.936256	56139.14	56287.3	-37.35	56101.79	56102.43359	56097.81547	56101.44531	504678.8	5407905.9
L4680.0	504678.8	5407905.9	4034.00000	256.58	130	48.824116	-86.936256	56138.54	56287.4	-37.37	56101.17	56101.78906	56098.11319	56101.73047	504678.8	5407905.9
L4680.0	504678.8	5407903.1	4034.10010	254.84	130	48.824091	-86.936256	56139.56	56287.4	-37.38	56102.19	56102.78906	56098.30130	56101.91016	504678.8	5407903.1
L4680.0	504678.8	5407903.1	4034.19995	253.76	130	48.824091	-86.936256	56139.52	56287.4	-37.38	56102.14	56102.71484	56098.56046	56102.15625	504678.8	5407903.1
L4680.0	504678.8	5407900.2	4034.30005	254.06	130	48.824065	-86.936256	56139.92	56287.4	-37.39	56102.53	56103.08203	56098.79000	56102.37500	504678.8	5407900.2
L4680.0	504678.8	5407900.2	4034.39990	253.62	130	48.824065	-86.936256	56140.81	56287.4	-37.39	56103.42	56103.94922	56098.98591	56102.56250	504678.8	5407900.2
L4680.0	504678.8	5407899.0	4034.50000	257.61	130	48.824054	-86.936256	56140.56	56287.4	-37.40	56103.16	56103.66797	56099.25819	56102.82422	504678.8	5407899.0
L4680.0	504678.8	5407897.6	4034.60010	258.08	130	48.824042	-86.936256	56141.18	56287.4	-37.40	56103.78	56104.26563	56099.47150	56103.02344	504678.8	5407897.6
L4680.0	504678.8	5407897.6	4034.69995	253.47	130	48.824042	-86.936256	56141.14	56287.4	-37.40	56103.74	56104.19922	56099.72850	56103.26953	504678.8	5407897.6
L4680.0	504678.8	5407895.6	4034.80005	249.77	130	48.824024	-86.936256	56141.31	56287.4	-37.41	56103.90	56104.33984	56099.97185	56103.50000	504678.8	5407895.6
L4680.0	504678.8	5407894.2	4034.89990	245.81	130	48.824011	-86.936256	56141.80	56287.4	-37.42	56104.38	56104.79688	56100.19355	56103.71094	504678.8	5407894.2
L4680.0	504678.8	5407892.3	4035.00000	244.61	130	48.823994	-86.936256	56141.79	56287.4	-37.42	56104.37	56104.76172	56100.44759	56103.95313	504678.8	5407892.3
L4680.0	504678.8	5407891.3	4035.10010	240.13	130	48.823985	-86.936256	56142.20	56287.4	-37.43	56104.77	56105.14063	56100.67396	56104.16797	504678.8	5407891.3
L4680.0	504678.8	5407891.3	4035.19995	238.31	130	48.823985	-86.936256	56142.46	56287.4	-37.43	56105.02	56105.36719	56100.90999	56104.39063	504678.8	5407891.3
L4680.0	504678.8	5407889.9	4035.30005	237.51	130	48.823972	-86.936256	56142.70	56287.4	-37.44	56105.26	56105.58203	56101.14635	56104.61328	504678.8	5407889.9
L4680.0	504678.8	5407888.2	4035.39990	235.32	130	48.823957	-86.936256	56143.49	56287.4	-37.45	56106.04	56106.33984	56101.34635	56104.80078	504678.8	5407888.2
L4680.0	504678.8	5407888.2	4035.50000	233.75	130	48.823957	-86.936256	56142.63	56287.5	-37.46	56105.17	56105.44531	56101.65600	56105.09766	504678.8	5407888.2
L4680.0	504678.8	5407886.4	4035.60010	235.50	130	48.823941	-86.936256	56143.15	56287.5	-37.46	56105.69	56105.94531	56101.87261	56105.30078	504678.8	5407886.4
L4680.0	504678.8	5407885.2	4035.69995	235.96	130	48.823930	-86.936256	56144.45	56287.5	-37.47	56106.98	56107.21094	56102.03753	56105.44922	504678.8	5407885.2
L4680.0	504678.8	5407883.7	4035.69995	235.96	130	48.823917	-86.936256	56143.95	56287.5	-37.47	56106.48	56106.68750	56102.32140	56105.71875	504678.8	5407883.7
L4680.0	504678.8	5407882.4	4035.80005	238.63	130	48.823905	-86.936256	56143.71	56287.5	-37.48	56106.23	56106.41406	56102.58823	56105.97266	504678.8	5407882.4
L4680.0	504678.8	5407881.1	4036.00000	238.15	130	48.823893	-86.936256	56144.56	56287.5	-37.49	56107.07	56107.23047	56102.78200	56106.15234	504678.8	5407881.1
L4680.0	504678.8	5407881.1	4036.10010	237.82	130	48.823893	-86.936256	56145.08	56287.5	-37.50	56107.58	56107.71875	56102.99738	56106.35156	504678.8	5407881.1
L4680.0	504678.8	5407879.6	4036.19995	237.66	130	48.823880	-86.936256	56145.13	56287.5	-37.51	56107.63	56107.74609	56103.24303	56106.58203	504678.8	5407879.6
L4680.0	504678.8	5407878.3	4036.30005	224.61	130	48.823868	-86.936256	56145.00	56287.5	-37.52	56107.49	56107.58203	56103.50094	56106.82422	504678.8	5407878.3
L4680.0	504678.8	5407876.7	4036.39990	222.66	130	48.823854	-86.936256	56145.27	56287.5	-37.53	56107.74	56107.80859	56103.73243	56107.03906	504678.8	5407876.7
L4680.0	504678.8	5407874.9	4036.50000	236.54	130	48.823837	-86.936256	56146.20	56287.5	-37.54	56108.66	56108.70703	56103.91884	56107.20703	504678.8	5407874.9
L4680.0	504678.8	5407873.4	4036.60010	238.34	130	48.823825	-86.936257	56146.01	56287.5	-37.54	56108.46	56108.48438	56104.17949	56107.45313	504678.8	5407873.4
L4680.0	504678.8	5407873.4	4036.69995	238.78	130	48.823825	-86.936257	56146.53	56287.6	-37.55	56108.97	56108.97266	56104.39236	56107.64844	504678.8	5407873.4
L4680.0	504678.8	5407872.0	4036.80005	238.70	130	48.823812	-86.936257	56146.27	56287.6	-37.56	56108.71	56108.68750	56104.65613	56107.89453	504678.8	5407872.0
L4680.0	504678.7	5407870.3	4036.89990	237.65	130	48.823797	-86.936257	56146.70	56287.6	-37.57	56109.13	56109.08594	56104.87411	56108.09375	504678.7	5407870.3
L4680.0	504678.7	5407868.9	4037.00000	240.86	130	48.823783	-86.936257	56146.92	56287.6	-37.58	56109.34	56109.27344	56105.10563	56108.30859	504678.7	5407868.9
L4680.0	504678.7	5407868.9	4037.10010	242.54	130	48.823783	-86.936257	56147.08	56287.6	-37.59	56109.50	56109.41016	56105.34001	56108.52344	504678.7	5407868.9
L4680.0	504678.7	5407867.0	4037.19995	242.82	130	48.823766	-86.936257	56147.33	56287.6	-37.59	56109.73	56109.61719	56105.56925	56108.73438	504678.7	5407867.0
L4680.0	504678.7	5407865.8	4037.30005	242.37	130	48.823756	-86.936258	56147.39	56287.6	-37.60	56109.79	56109.65625	56105.80931	56108.95703	504678.7	5407865.8
L4680.0	504678.7	5407865.8	4037.39990	245.23	130	48.823756	-86.936258	56147.86	56287.6	-37.61	56110.25	56110.09375	56106.02221	56109.14844	504678.7	5407865.8
L4680.0	504678.7	5407864.1	4037.50000	248.98	130	48.823740	-86.936258	56148.32	56287.6	-37.61	56110.71	56110.53125	56106.23458	56109.34375	504678.7	5407864.1
L4680.0	504678.7	5407862.4	4037.60010	252.86	130	48.823725	-86.936258	56149.16	56287.6	-37.62	56111.54	56111.33984	56106.42176	56109.51172	504678.7	5407862.4
L4680.0	504678.7	5407861.0	4037.69995	258.25	130	48.823712	-86.936258	56148.63	56287.6	-37.63	56111.00	56110.77734	56106.69971	56109.76953	504678.7	5407861.0
L4680.0	504678.7	5407859.5	4037.69995	258.25	130	48.823699	-86.936258	56148.22	56287.6	-37.63	56110.59	56110.34375	56106.96844	56110.01563	504678.7	5407859.5
L4680.0	504678.7	5407859.5	4037.80005	263.95	130	48.823699	-86.936258	56150.11	56287.6	-37.64	56112.48	56112.21094	56107.08325	56110.10938	504678.7	5407859.5
L4680.0	504678.6	5407857.9	4038.00000	266.92	130	48.823685	-86.936258	56149.06	56287.7	-37.65	56111.40	56111.10938	56107.39546	56110.39844	504678.6	5407857.9
L4680.0	504678.6	5407856.4	4038.10010	268.24	130	48.823671	-86.936259	56149.11	56287.7	-37.66	56111.45	56111.14063	56107.63172	56110.61328	504678.6	5407856.4
L4680.0	504678.6	5407855.0	4038.19995	266.65	130	48.823659	-86.936259	56150.26	56287.7	-37.66	56112.60	56112.26563	56107.79401	56110.75391	504678.6	5407855.0
L4680.0	504678.6	5407855.0	4038.30005	262.41	130	48.823659	-86.936259	56150.98	56287.7	-37.67	56113.31	56112.95703	56107.98498	56110.92578	504678.6	5407855.0
L4680.0	504678.6	5407853.6	4038.39990	261.01	130	48.823646	-86.936259	56150.79	56287.7	-37.68	56113.11	56112.73438	56108.23593	56111.15234	504678.6	5407853.6
L4680.0	504678.6	5407852.2	4038.50000	258.11	130	48.823633	-86.936259	56150.62	56287.7	-37.68	56112.94	56112.54297	56108.48420	56111.37891	504678.6	5407852.2
L4680.0	504678.6	5407850.4	4038.60010	256.32	130	48.823617	-86.936259	56151.02	56287.7	-37.69	56113.33	56112.91016	56108.69441	56111.56641	504678.6	5407850.4
L4680.0	504678.6	5407849.2	4038.69995	254.09	130	48.823606	-86.936259	56151.26	56287.7	-37.70	56113.56	56113.12109	56108.91456	56111.76172	504678.6	5407849.2
L4680.0	504678.6	5407847.7	4038.80005	246.50	130	48.823593	-86.936260	56152.76	56287.7	-37.71	56115.06	56114.59766	56109.04928	56111.87109	504678.6	5407847.7
L4680.0	504678.6	5407847.7	4038.89990	242.80	130	48.823593	-86.936260	56151.48	56287.7	-37.71	56113.76	56113.27734	56109.36988	56112.16797	504678.6	5407847.7
L4680.0	504678.6	5407845.7	4039.00000	239.56	130	48.823575	-86.936260	56151.76	56287.7	-37.72	56114.04	56113.53906	56109.58435	56112.35938	504678.6	5407845.7
L4680.0	504678.6	5407844.5	4039.10010	234.88	130	48.823564	-86.936260	56152.60	56287.7	-37.73	56114.87	56114.34766	56109.76134	56112.51172	504678.6	5407844.5
L4680.0	504678.6	5407843.2	4039.19995	233.53	130	48.823552	-86.936260	56153.20	56287.7	-37.74	56115.46	56114.91406	56109.95348	56112.67578	504678.6	5407843.2
L4680.0	504678.6	5407843.2	4039.19995	233.53	130	48.823552	-86.936260	56153.66	56287.7	-37.74	56115.92	56115.35547	56110.15342	56112.85156	504678.6	5407843.2
L4680.0	504678.5	5407841.8	4039.39990	229.78	130	48.823539	-86.936260	56153.54	56287.8	-37.75	56115.79	56115.20703	56110.39181	56113.06250	504678.5	5407841.8
L4680.0	504678.5	5407840.7	4039.50000	230.42	130	48.823530	-86.936260	56154.11	56287.8	-37.76	56116.35	56115.74609	56110.58330	56113.23047	504678.5	5407840.7
L4680.0	504678.5	5407839.2	4039.60010	233.73	130	48.823517	-86.936260	56153.70	56287.8	-37.77	56115.93	56115.30469	56110.83920	56113.45703	504678.5	5407839.2
L4680.0	504678.5	5407837.9	4039.69995	235.01	130	48.823504	-86.936260	56153.20	56287.8	-37.78	56115.42	56114.77344	56111.10015	56113.69141	504678.5	5407837.9
L4680.0	504678.5	5407837.9	4039.69995	234.26	130	48.823504	-86.936260	56153.93	56287.8	-37.78	56116.16	56115.49609	56111.27680	56113.84375	504678.5	5407837.9
L4680.0	504678.5	5407836.1	4039.69995	234.26	130	48.823488	-86.936260	56153.84	56287.8	-37.78	56116.07	56115.38672	56111.50780	56114.04688	504678.5	5407836.1
L4680.0	504678.5	5407834.5	4039.80005	235.68	130	48.823474	-86.936260	56155.17	56287.8	-37.78	56117.38	56116.67578	56111.64446	56114.15625	504678.5	5407834.5
L4680.0	504678.5	5407833.0	4040.00000	237.59	130	48.823461	-86.936260	56155.51	56287.8	-37.80	56117.71	56116.98828	56111.84544	56114.32813	504678.5	5407833.0
L4680.0	504678.5	5407831.1	4040.10010	236.18	130	48.823443	-86.936260	56155.68	56287.8	-37.81	56117.87	56117.12891	56112.05670	56114.51172	504678.5	5407831.1
L4680.0	504678.5	5407831.1	4040.19995	234.84	130	48.823443	-86.936260	56156.29	56287.8	-37.81	56118.48	56117.71875	56112.23691	56114.66406	504678.5	5407831.1
L4680.0	504678.5	5407829.4	4040.39990	243.80	130	48.823428	-86.936260	56155.09	56287.8	-37.82	56117.27	56116.49219	56112.53738	56114.93750	504678.5	5407829.4
L4680.0	504678.5	5407829.4	4040.50000	246.00	130	48.823428	-86.936260	56155.56	56287.8	-37.82	56117.73	56116.93359	56112.72541	56115.09375	504678.5	5407829.4
L4680.0	504678.6	5407827.5	4040.60010	247.41	130	48.823411	-86.936260	56156.28	56287.8	-37.83	56118.45	56117.63281	56112.89500	56115.23438	504678.6	5407827.5
L4680.0	504678.6	5407825.9	4040.69995	248.70	130	48.823397	-86.936260	56156.34	56287.8	-37.83	56118.51	56117.67578	56113.10745	56115.41797	504678.6	5407825.9
L4680.0	504678.6	5407824.2	4040.80005	251.71	130	48.823381	-86.936260	56156.41	56287.8	-37.84	56118.57	56117.71875	56113.31876	56115.60156	504678.6	5407824.2
L4680.0	504678.6	5407824.2	4040.89990	250.14	130	48.823381	-86.936260	56156.31	56287.8	-37.85	56118.46	56117.58984	56113.54023	56115.79297	504678.6	5407824.2
L4680.0	504678.6	5407821.2	4041.00000	251.20	130	48.823354	-86.936260	56157.50	56287.8	-37.85	56119.65	56118.76172	56113.67384	56115.89453	504678.6	5407821.2
L4680.0	504678.6	5407821.2	4041.10010	249.50	130	48.823354	-86.936260	56156.77	56287.9	-37.86	56118.91	56118.00391	56113.93492	56116.12500	504678.6	5407821.2
L4680.0	504678.6	5407819.4	4041.19995	249.72	130	48.823339	-86.936259	56157.84	56287.9	-37.87	56119.97	56119.04688	56114.07477	56116.23438	504678.6	5407819.4
L4680.0	504678.6	5407819.4	4041.30005	249.16	130	48.823339	-86.936259	56157.43	56287.9	-37.87	56119.55	56118.60938	56114.31204	56116.44141	504678.6	5407819.4
L4680.0	504678.6	5407818.0	4041.39990	245.94	130	48.823326	-86.936259	56157.38	56287.9	-37.88	56119.49	56118.53516	56114.52406	56116.62500	504678.6	5407818.0
L4680.0	504678.6	5407816.5	4041.50000	243.58	130	48.823313	-86.936259	56157.81	56287.9	-37.89	56119.92	56118.94922	56114.70212	56116.76953	504678.6	5407816.5

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4680.0	504678.7	5407815.3	4041.60010	242.74	130	48.823301	-86.936259	56158.89	56287.9	-37.90	56120.99	56120.00000	56114.83621	56116.87500	504678.7	5407815.3
L4680.0	504678.7	5407813.9	4041.69995	243.61	130	48.823289	-86.936258	56158.42	56287.9	-37.91	56120.51	56119.50391	56115.07232	56117.07813	504678.7	5407813.9
L4680.0	504678.7	5407813.9	4041.69995	243.61	130	48.823289	-86.936258	56158.82	56287.9	-37.91	56120.91	56119.89063	56115.24841	56117.22266	504678.7	5407813.9
L4680.0	504678.7	5407812.1	4041.80005	243.63	130	48.823273	-86.936258	56159.70	56287.9	-37.91	56121.79	56120.75391	56115.39115	56117.33594	504678.7	5407812.1
L4680.0	504678.7	5407810.8	4042.00000	244.13	130	48.823261	-86.936258	56159.93	56287.9	-37.93	56122.00	56120.94922	56115.57716	56117.48828	504678.7	5407810.8
L4680.0	504678.8	5407809.2	4042.10010	235.48	130	48.823247	-86.936257	56159.95	56287.9	-37.93	56122.02	56120.95313	56115.77444	56117.65625	504678.8	5407809.2
L4680.0	504678.8	5407808.0	4042.19995	235.83	130	48.823236	-86.936257	56159.78	56287.9	-37.93	56121.84	56120.75781	56115.98363	56117.83203	504678.8	5407808.0
L4680.0	504678.8	5407806.6	4042.30005	247.04	130	48.823223	-86.936257	56158.92	56287.9	-37.94	56120.99	56119.89453	56116.23603	56118.05078	504678.8	5407806.6
L4680.0	504678.8	5407806.6	4042.39990	250.38	130	48.823223	-86.936257	56160.74	56287.9	-37.94	56122.80	56121.69141	56116.30963	56118.09375	504678.8	5407806.6
L4680.0	504678.8	5407804.8	4042.50000	248.53	130	48.823207	-86.936257	56159.27	56287.9	-37.94	56121.33	56120.20703	56116.60040	56118.35156	504678.8	5407804.8
L4680.0	504678.8	5407803.1	4042.60010	250.86	130	48.823192	-86.936257	56159.63	56287.9	-37.94	56121.68	56120.54297	56116.76832	56118.48828	504678.8	5407803.1
L4680.0	504678.8	5407803.1	4042.69995	250.88	130	48.823192	-86.936257	56160.97	56287.9	-37.94	56123.03	56121.87891	56116.86804	56118.55469	504678.8	5407803.1
L4680.0	504678.8	5407801.7	4042.80005	248.89	130	48.823179	-86.936257	56160.81	56287.9	-37.95	56122.86	56121.69531	56117.06752	56118.72266	504678.8	5407801.7
L4680.0	504678.8	5407800.4	4042.89990	251.63	130	48.823167	-86.936257	56160.97	56287.9	-37.95	56123.02	56121.84375	56117.24342	56118.86328	504678.8	5407800.4
L4680.0	504678.8	5407798.7	4043.00000	250.74	130	48.823152	-86.936257	56161.75	56287.9	-37.95	56123.80	56122.60938	56117.37637	56118.96484	504678.8	5407798.7
L4680.0	504678.8	5407797.4	4043.10010	250.10	130	48.823141	-86.936257	56161.15	56288	-37.96	56123.19	56121.98828	56117.60035	56119.15625	504678.8	5407797.4
L4680.0	504678.8	5407796.3	4043.19995	249.89	130	48.823131	-86.936257	56161.27	56288	-37.97	56123.31	56122.09766	56117.77400	56119.29688	504678.8	5407796.3
L4680.0	504678.8	5407796.3	4043.30005	250.98	130	48.823131	-86.936257	56162.16	56288	-37.98	56124.18	56122.95703	56117.89596	56119.38672	504678.8	5407796.3
L4680.0	504678.8	5407794.8	4043.39990	254.46	130	48.823117	-86.936257	56161.15	56288	-37.99	56123.16	56121.92188	56118.14221	56119.59766	504678.8	5407794.8
L4680.0	504678.8	5407793.5	4043.50000	256.13	130	48.823105	-86.936257	56161.62	56288	-37.99	56123.63	56122.38281	56118.28738	56119.71094	504678.8	5407793.5
L4680.0	504678.8	5407792.0	4043.60010	254.76	130	48.823092	-86.936257	56163.14	56288	-38.00	56125.14	56123.88281	56118.36146	56119.75391	504678.8	5407792.0
L4680.0	504678.8	5407790.7	4043.69995	255.30	130	48.823080	-86.936257	56163.55	56288	-38.01	56125.53	56124.26172	56118.50841	56119.86719	504678.8	5407790.7
L4680.0	504678.8	5407788.7	4043.69995	255.30	130	48.823062	-86.936258	56162.02	56288	-38.01	56124.01	56122.73047	56118.78087	56120.10547	504678.8	5407788.7
L4680.0	504678.8	5407788.7	4043.80005	254.86	130	48.823062	-86.936258	56162.31	56288	-38.02	56124.28	56122.99219	56118.93217	56120.22266	504678.8	5407788.7
L4680.0	504678.8	5407787.1	4044.00000	256.58	130	48.823047	-86.936258	56163.07	56288	-38.04	56125.03	56123.73047	56119.04959	56120.30859	504678.8	5407787.1
L4680.0	504678.8	5407785.6	4044.10010	256.56	130	48.823034	-86.936258	56164.01	56288	-38.04	56125.96	56124.65234	56119.15313	56120.37891	504678.8	5407785.6
L4680.0	504678.7	5407784.1	4044.19995	256.64	130	48.823021	-86.936258	56163.63	56288	-38.05	56125.58	56124.26172	56119.34210	56120.53516	504678.7	5407784.1
L4680.0	504678.7	5407784.1	4044.30005	254.69	130	48.823021	-86.936258	56164.18	56288.1	-38.05	56126.12	56124.79297	56119.46780	56120.62891	504678.7	5407784.1
L4680.0	504678.7	5407782.6	4044.39990	254.72	130	48.823007	-86.936258	56163.95	56288.1	-38.06	56125.90	56124.56641	56119.64221	56120.76953	504678.7	5407782.6
L4680.0	504678.7	5407781.4	4044.50000	254.27	89.69	48.822996	-86.936258	56164.05	56288.1	-38.06	56125.99	56124.64844	56119.79399	56120.89063	504678.7	5407781.4
L4680.0	504678.7	5407780.1	4044.60010	253.82	89.52	48.822984	-86.936258	56164.74	56288.1	-38.06	56126.68	56125.32813	56119.90378	56120.96484	504678.7	5407780.1
L4680.0	504678.7	5407778.5	4044.69995	254.52	89.26	48.822970	-86.936258	56165.24	56288.1	-38.07	56127.17	56125.81250	56120.02491	56121.05469	504678.7	5407778.5
L4680.0	504678.7	5407777.4	4044.80005	255.35	89.26	48.822961	-86.936259	56164.56	56288.1	-38.07	56126.48	56125.11719	56120.22268	56121.21875	504678.7	5407777.4
L4680.0	504678.7	5407777.4	4044.89990	255.49	89.39	48.822961	-86.936259	56164.69	56288.1	-38.08	56126.61	56125.23828	56120.36376	56121.32813	504678.7	5407777.4
L4680.0	504678.7	5407775.6	4045.00000	252.96	89.56	48.822944	-86.936259	56165.06	56288.1	-38.08	56126.98	56125.60156	56120.48680	56121.42188	504678.7	5407775.6
L4680.0	504678.7	5407774.1	4045.10010	252.62	89.56	48.822931	-86.936259	56164.78	56288.1	-38.08	56126.70	56125.31641	56120.65112	56121.55078	504678.7	5407774.1
L4680.0	504678.7	5407772.9	4045.19995	252.91	89.22	48.822920	-86.936259	56165.52	56288.1	-38.08	56127.44	56126.05078	56120.74538	56121.61328	504678.7	5407772.9
L4680.0	504678.7	5407772.9	4045.30005	256.57	89.36	48.822920	-86.936259	56164.21	56288.1	-38.09	56126.12	56124.72656	56120.97491	56121.81250	504678.7	5407772.9
L4680.0	504678.6	5407770.4	4045.39990	253.67	89.36	48.822897	-86.936260	56164.76	56288.1	-38.09	56126.67	56125.26953	56121.07771	56121.88281	504678.6	5407770.4
L4680.0	504678.6	5407770.4	4045.50000	251.38	89.63	48.822897	-86.936260	56164.92	56288.1	-38.09	56126.83	56125.42578	56121.20442	56121.98047	504678.6	5407770.4
L4680.0	504678.6	5407769.1	4045.60010	249.56	89.88	48.822885	-86.936260	56166.22	56288.1	-38.09	56128.13	56126.71875	56121.25306	56121.99609	504678.6	5407769.1
L4680.0	504678.6	5407767.5	4045.69995	248.50	89.54	48.822871	-86.936260	56165.62	56288.1	-38.09	56127.53	56126.11719	56121.42628	56122.13672	504678.6	5407767.5
L4680.0	504678.6	5407766.4	4045.69995	248.50	89.51	48.822862	-86.936260	56165.38	56288.1	-38.09	56127.29	56125.87109	56121.57341	56122.25391	504678.6	5407766.4
L4680.0	504678.6	5407764.9	4045.80005	249.80	89.51	48.822848	-86.936260	56165.64	56288.1	-38.10	56127.55	56126.12891	56121.68512	56122.33594	504678.6	5407764.9
L4680.0	504678.6	5407763.5	4046.00000	249.11	89.28	48.822835	-86.936260	56165.46	56288.1	-38.10	56127.36	56125.93359	56121.82475	56122.44531	504678.6	5407763.5
L4680.0	504678.6	5407763.5	4046.10010	245.34	89.53	48.822835	-86.936260	56165.97	56288.1	-38.11	56127.87	56126.44141	56121.91561	56122.50391	504678.6	5407763.5
L4680.0	504678.6	5407762.0	4046.19995	242.65	89.53	48.822822	-86.936261	56164.40	56288.1	-38.11	56126.29	56124.85938	56122.14372	56122.70313	504678.6	5407762.0
L4680.0	504678.6	5407760.7	4046.30005	239.42	90.09	48.822810	-86.936261	56165.52	56288.1	-38.12	56127.40	56125.96484	56122.19040	56122.71875	504678.6	5407760.7
L4680.0	504678.6	5407759.2	4046.39990	235.23	90.09	48.822797	-86.936261	56165.67	56288.1	-38.12	56127.55	56126.11328	56122.29898	56122.79688	504678.6	5407759.2
L4680.0	504678.6	5407757.8	4046.50000	236.34	90.11	48.822784	-86.936261	56165.54	56288.1	-38.13	56127.41	56125.97266	56122.42480	56122.89453	504678.6	5407757.8
L4680.0	504678.6	5407757.8	4046.60010	241.30	90.13	48.822784	-86.936261	56166.43	56288.1	-38.14	56128.30	56126.85938	56122.47986	56122.91797	504678.6	5407757.8
L4680.0	504678.6	5407756.4	4046.69995	244.12	89.92	48.822771	-86.936261	56165.80	56288.1	-38.14	56127.65	56126.21094	56122.63548	56123.04688	504678.6	5407756.4
L4680.0	504678.6	5407754.8	4046.80005	248.39	89.92	48.822757	-86.936261	56166.03	56288.1	-38.15	56127.88	56126.43750	56122.73034	56123.11328	504678.6	5407754.8
L4680.0	504678.6	5407753.7	4046.89990	247.83	89.98	48.822747	-86.936261	56165.72	56288.2	-38.15	56127.57	56126.12891	56122.85909	56123.21094	504678.6	5407753.7
L4680.0	504678.6	5407752.4	4047.00000	249.70	89.82	48.822736	-86.936261	56166.76	56288.2	-38.16	56128.60	56127.15625	56122.89641	56123.21875	504678.6	5407752.4
L4680.0	504678.5	5407750.8	4047.10010	248.63	89.82	48.822722	-86.936261	56166.11	56288.2	-38.16	56127.94	56126.49609	56123.04428	56123.33984	504678.5	5407750.8
L4680.0	504678.5	5407750.8	4047.19995	250.39	90.01	48.822722	-86.936261	56166.17	56288.2	-38.16	56128.01	56126.56641	56123.14139	56123.40625	504678.5	5407750.8
L4680.0	504678.5	5407748.7	4047.30005	251.24	89.89	48.822702	-86.936261	56166.74	56288.2	-38.16	56128.57	56127.12500	56123.20372	56123.44141	504678.5	5407748.7
L4680.0	504678.5	5407747.4	4047.39990	253.33	89.89	48.822690	-86.936261	56166.74	56288.2	-38.16	56128.57	56127.12891	56123.30128	56123.51172	504678.5	5407747.4
L4680.0	504678.5	5407747.4	4047.50000	253.02	78.25	48.822690	-86.936261	56166.78	56288.2	-38.17	56128.61	56127.16797	56123.39406	56123.57813	504678.5	5407747.4
L4680.0	504678.5	5407746.1	4047.60010	252.87	79.58	48.822678	-86.936261	56167.47	56288.2	-38.17	56129.31	56127.86719	56123.44074	56123.59766	504678.5	5407746.1
L4680.0	504678.5	5407743.4	4047.69995	250.77	79.58	48.822655	-86.936262	56166.60	56288.2	-38.17	56128.43	56126.98828	56123.59065	56123.71875	504678.5	5407743.4
L4680.0	504678.5	5407743.4	4047.69995	250.77	80.78	48.822655	-86.936262	56166.99	56288.2	-38.17	56128.82	56127.38281	56123.65380	56123.75391	504678.5	5407743.4
L4680.0	504678.5	5407742.0	4047.80005	251.48	80.78	48.822642	-86.936262	56166.94	56288.2	-38.17	56128.77	56127.33203	56123.74418	56123.82031	504678.5	5407742.0
L4680.0	504678.5	5407742.0	4048.00000	250.33	79.74	48.822642	-86.936262	56166.86	56288.2	-38.17	56128.69	56127.25391	56123.83448	56123.88281	504678.5	5407742.0
L4680.0	504678.5	5407740.0	4048.10010	251.25	80.82	48.822624	-86.936262	56166.51	56288.2	-38.17	56128.34	56126.90625	56123.94069	56123.96484	504678.5	5407740.0
L4680.0	504678.5	5407738.6	4048.19995	251.46	80.36	48.822612	-86.936262	56167.07	56288.2	-38.18	56128.89	56127.46094	56123.98484	56123.98047	504678.5	5407738.6
L4680.0	504678.5	5407737.1	4048.30005	253.37	80.36	48.822598	-86.936262	56167.31	56288.2	-38.18	56129.13	56127.70313	56124.04759	56124.01953	504678.5	5407737.1
L4680.0	504678.5	5407737.1	4048.39990	251.38	80.22	48.822598	-86.936262	56166.86	56288.2	-38.18	56128.68	56127.25391	56124.15429	56124.09766	504678.5	5407737.1
L4680.0	504678.5	5407735.5	4048.50000	251.22	84.65	48.822584	-86.936262	56166.98	56288.2	-38.18	56128.79	56127.36719	56124.22161	56124.14063	504678.5	5407735.5
L4680.0	504678.5	5407733.8	4048.60010	253.95	84.65	48.822568	-86.936262	56166.99	56288.2	-38.19	56128.80	56127.37891	56124.29358	56124.18750	504678.5	5407733.8
L4680.0	504678.5	5407732.4	4048.69995	254.26	87.01	48.822555	-86.936262	56167.03	56288.2	-38.19	56128.84	56127.42188	56124.36153	56124.23047	504678.5	5407732.4
L4680.0	504678.5	5407730.4	4048.80005	252.93	87.01	48.822538	-86.936262	56166.69	56288.2	-38.19	56128.49	56127.07813	56124.45349	56124.29688	504678.5	5407730.4
L4680.0	504678.5	5407730.4	4048.89990	253.09	82.81	48.822538	-86.936262	56165.62	56288.2	-38.20	56127.42	56126.01172	56124.59147	56124.41016	504678.5	5407730.4
L4680.0	504678.5	5407728.8	4049.00000	253.99	82.81	48.822523	-86.936262	56165.92	56288.2	-38.20	56127.72	56126.31250	56124.63616	56124.42969	504678.5	5407728.8
L4680.0	504678.5	5407727.4	4049.10010	252.85	77.36	48.822510	-86.936262	56165.75	56288.2	-38.20	56127.54	56126.13672	56124.71090	56124.48047	504678.5	5407727.4
L4680.0	504678.5	5407727.4	4049.19995	255.81	77.36	48.822510	-86.936262	56166.00	56288.2	-38.21	56127.79	56126.39063	56124.75506	56124.50000	504678.5	5407727.4
L4680.0	504678.5	5407725.4	4049.30005	252.98	77.41	48.822493	-86.936262	56165.95	56288.2	-38.21	56127.74	56126.34766	56124.81731	56124.53906	504678.5	5407725.4
L4680.0	504678.5	5407723.8	4049.39990	252.74	77.41	48.822478	-86.936262	56166.25	56288.2	-38.21	56128.04	56126.64844	56124.85436	56124.55078	504678.5	5407723.8
L4680.0	504678.5	5407722.6	4049.50000	251.51	72.91	48.822468	-86.936262	56166.64	56288.2	-38.21	56128.43	56127.04297	56124.88354	56124.55469	504678.5	5407722.6
L4680.0	504678.5	5407722.6	4049.60010	248.37	72.91	48.822468	-86.936262	56166.95	56288.2	-38.22	56128.74	56127.35938	56124.91624	56124.56250	504678.5	5407722.6
L4680.0	504678.5	5407721.2	4049.69995	246.79	69.87	48.822455	-86.936262	56167.38	56288.2	-38.22	56129.15	56127.77344	56124.94046	56124.56250	504678.5	5407721.2
L4680.0	504678.5	5407719.9	4049.69995	246.79	70.3	48.822443	-86.936262	56166.57	56288.2	-38.22	56128.35	56126.97656	56125.04357	56124.64063	504678.5	5407719.9
L4680.0	504678.5	5407718.4	4049.80005	246.49	70.3	48.822429	-86.936262	56166.13	56288.2	-38.22	56127.90	56126.53125	56125.12160	56124.69531	504678.5	5407718.4
L4680.0	504678.5	5407718.4	4050.00000	245.43	74.3	48.822429	-86.936262	56166.08	56288.2	-38.23	56127.85	56126.48828	56125.17124	56124.72266	504678.5	5407718.4
L4680.0	504678.5	5407716.7	4050.10010	244.21	83.86	48.822414	-86.936262	56166.25	56288.2	-38.23	56128.02	56126.66016	56125.20454	56124.73047	504678.5	5407716.7
L4680.0	504678.5	5407715.6	4050.19995	243.55	83.86	48.822404	-86.936262	56165.85	56288.2	-38.23	56127.61	56126.25391	56125.27484	56124.77734	504678.5	5407715.6
L4680.0	504678.5	5407714.0	4050.30005	243.83	83.99	48.822390	-86.936262	56165.77	56288.2	-38.24	56127.54	56126.19141	56125.32086	56124.80078	504678.5	5407714.0
L4680.0	504678.5	5407712.5	4050.39990	242.22	83.54	48.822377	-86.936262	56165.88	56288.2	-38.24	56127.64	56126.29688	56125.35396	56124.80859	504678.5	5407712.5
L4680.0	504678.5	5407711.2	4050.50000	240.50	83.54	48.822364	-86.936262	56165.97	56288.2	-38.24	56127.73	56126.39063	56125.38619	56124.81641	504678.5	5407711.2
L4680.0	504678.5	5407711.2	4050.60010	242.84	82.14	48.822364	-86.936262	56165.82	56288.2	-38.24	56127.58	56126.24609	56125.43291	56124.83984	504678.5	5407711.2
L4680.0	504678.5	5407710.0	4050.69995	242.52	81.82	48.822354	-86.936262	56165.90	56288.2	-38.24	56127.65	56126.32031	56125.46351	56124.84375	504678.5	5407710.0
L4680.0	504678.5	5407708.7	4050.80005	241.30	81.82	48.822342	-86.936262	56165.37	56288.2	-38.25	56127.12	56125.79297	56125.53269	56124.89063	504678.5	5407708.7

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4680.0	504678.5	5407707.2	4050.89990	241.27	81.18	48.822329	-86.936263	56165.19	56288.2	-38.25	56126.94	56125.62109	56125.57715	56124.91016	504678.5	5407707.2
L4680.0	504678.5	5407706.2	4051.00000	245.45	75.46	48.822320	-86.936263	56164.98	56288.3	-38.25	56126.73	56125.41406	56125.62229	56124.92969	504678.5	5407706.2
L4680.0	504678.5	5407705.1	4051.10010	245.35	75.46	48.822310	-86.936263	56165.16	56288.3	-38.25	56126.91	56125.59766	56125.64015	56124.92188	504678.5	5407705.1
L4680.0	504678.5	5407705.1	4051.19995	242.89	72.9	48.822310	-86.936263	56164.89	56288.3	-38.25	56126.64	56125.33203	56125.68678	56124.94531	504678.5	5407705.1
L4680.0	504678.4	5407703.5	4051.30005	240.05	72.9	48.822296	-86.936263	56164.98	56288.3	-38.26	56126.72	56125.41797	56125.70890	56124.94141	504678.4	5407703.5
L4680.0	504678.4	5407702.1	4051.39990	238.77	77.04	48.822283	-86.936263	56164.03	56288.3	-38.26	56125.77	56124.47266	56125.79855	56125.00391	504678.4	5407702.1
L4680.0	504678.4	5407700.8	4051.50000	239.65	78.47	48.822271	-86.936263	56164.56	56288.3	-38.26	56126.30	56125.00781	56125.78846	56124.96875	504678.4	5407700.8
L4680.0	504678.4	5407700.8	4051.60010	237.42	78.47	48.822271	-86.936263	56164.28	56288.3	-38.26	56126.02	56124.73047	56125.83135	56124.98828	504678.4	5407700.8
L4680.0	504678.4	5407699.6	4051.69995	236.06	61.95	48.822260	-86.936263	56163.99	56288.3	-38.26	56125.73	56124.44531	56125.87393	56125.00391	504678.4	5407699.6
L4680.0	504678.4	5407697.6	4051.69995	236.06	64.57	48.822243	-86.936264	56164.41	56288.3	-38.26	56126.15	56124.86719	56125.86827	56124.96875	504678.4	5407697.6
L4680.0	504678.4	5407696.6	4051.80005	239.20	64.57	48.822234	-86.936264	56163.41	56288.3	-38.27	56125.14	56123.86328	56125.95708	56125.03125	504678.4	5407696.6
L4680.0	504678.4	5407696.6	4052.00000	242.29	75.04	48.822234	-86.936264	56163.06	56288.3	-38.27	56124.79	56123.51563	56126.00109	56125.05078	504678.4	5407696.6
L4680.0	504678.4	5407695.0	4052.10010	240.02	75.04	48.822219	-86.936264	56163.69	56288.3	-38.27	56125.42	56124.14844	56125.97902	56125.00000	504678.4	5407695.0
L4680.0	504678.4	5407693.7	4052.19995	240.73	74.17	48.822208	-86.936264	56163.07	56288.3	-38.27	56124.80	56123.53516	56126.03959	56125.03125	504678.4	5407693.7
L4680.0	504678.3	5407692.8	4052.30005	241.67	74.2	48.822199	-86.936265	56163.04	56288.3	-38.27	56124.77	56123.50781	56126.06020	56125.02344	504678.3	5407692.8
L4680.0	504678.3	5407691.5	4052.39990	246.96	74.2	48.822188	-86.936265	56162.96	56288.3	-38.27	56124.70	56123.44141	56126.08290	56125.01953	504678.3	5407691.5
L4680.0	504678.3	5407691.5	4052.50000	244.32	73.54	48.822188	-86.936265	56162.76	56288.3	-38.26	56124.50	56123.24219	56126.11376	56125.01953	504678.3	5407691.5
L4680.0	504678.3	5407690.0	4052.60010	243.48	73.54	48.822174	-86.936265	56163.14	56288.3	-38.26	56124.88	56123.62500	56126.10549	56124.98047	504678.3	5407690.0
L4680.0	504678.3	5407689.2	4052.69995	244.28	72.5	48.822167	-86.936265	56162.84	56288.3	-38.26	56124.58	56123.32813	56126.14216	56124.98828	504678.3	5407689.2
L4680.0	504678.3	5407687.8	4052.80005	242.87	71.63	48.822154	-86.936265	56162.28	56288.3	-38.26	56124.01	56122.76172	56126.19648	56125.01172	504678.3	5407687.8
L4680.0	504678.3	5407686.9	4052.89990	241.83	70.81	48.822146	-86.936265	56162.64	56288.3	-38.26	56124.38	56123.13672	56126.18786	56124.97266	504678.3	5407686.9
L4680.0	504678.3	5407686.9	4053.00000	244.41	71.03	48.822146	-86.936265	56162.09	56288.3	-38.26	56123.83	56122.58594	56126.24036	56124.99219	504678.3	5407686.9
L4680.0	504678.3	5407685.5	4053.10010	244.66	71.03	48.822134	-86.936266	56162.28	56288.3	-38.26	56124.02	56122.77734	56126.24336	56124.96094	504678.3	5407685.5
L4680.0	504678.3	5407684.3	4053.19995	247.14	69.81	48.822123	-86.936266	56161.49	56288.3	-38.26	56123.23	56121.99219	56126.31160	56124.99609	504678.3	5407684.3
L4680.0	504678.3	5407683.2	4053.30005	247.97	69.42	48.822113	-86.936266	56161.18	56288.3	-38.26	56122.91	56121.67188	56126.34846	56125.00000	504678.3	5407683.2
L4680.0	504678.3	5407683.2	4053.39990	250.25	69.42	48.822113	-86.936266	56161.15	56288.3	-38.26	56122.88	56121.64453	56126.36601	56124.98438	504678.3	5407683.2
L4680.0	504678.3	5407682.1	4053.50000	252.83	69.42	48.822103	-86.936266	56161.16	56288.3	-38.26	56122.90	56121.66406	56126.38032	56124.96484	504678.3	5407682.1
L4680.0	504678.2	5407681.0	4053.60010	253.76	67.58	48.822094	-86.936266	56160.92	56288.3	-38.27	56122.65	56121.41797	56126.41278	56124.96094	504678.2	5407681.0
L4680.0	504678.2	5407680.1	4053.69995	252.43	65.64	48.822085	-86.936266	56161.05	56288.3	-38.27	56122.78	56121.54688	56126.42011	56124.93359	504678.2	5407680.1
L4680.0	504678.2	5407679.2	4053.69995	252.43	63.81	48.822077	-86.936266	56160.73	56288.3	-38.27	56122.46	56121.22656	56126.45772	56124.93359	504678.2	5407679.2
L4680.0	504678.2	5407678.0	4053.80005	251.03	63.81	48.822066	-86.936267	56160.59	56288.3	-38.27	56122.32	56121.08594	56126.48367	56124.92188	504678.2	5407678.0
L4680.0	504678.2	5407677.1	4054.00000	251.42	61.08	48.822058	-86.936267	56161.10	56288.3	-38.27	56122.83	56121.59766	56126.46669	56124.86719	504678.2	5407677.1
L4680.0	504678.2	5407677.1	4054.10010	250.06	59.87	48.822058	-86.936267	56160.84	56288.3	-38.27	56122.57	56121.33594	56126.50152	56124.86328	504678.2	5407677.1
L4680.0	504678.2	5407676.0	4054.19995	249.01	59.87	48.822048	-86.936267	56160.56	56288.3	-38.28	56122.28	56121.04688	56126.53889	56124.85938	504678.2	5407676.0
L4680.0	504678.2	5407675.0	4054.30005	248.17	58.98	48.822039	-86.936267	56159.95	56288.3	-38.28	56121.67	56120.43750	56126.59820	56124.87891	504678.2	5407675.0
L4680.0	504678.1	5407674.0	4054.39990	247.40	60.19	48.822030	-86.936268	56160.18	56288.3	-38.28	56121.90	56120.66406	56126.60218	56124.83984	504678.1	5407674.0
L4680.0	504678.1	5407674.0	4054.50000	245.31	57.26	48.822030	-86.936268	56159.70	56288.3	-38.29	56121.41	56120.17188	56126.65492	56124.85156	504678.1	5407674.0
L4680.0	504678.1	5407672.9	4054.60010	247.30	57.26	48.822021	-86.936268	56159.33	56288.3	-38.29	56121.04	56119.80078	56126.70047	56124.85547	504678.1	5407672.9
L4680.0	504678.1	5407672.2	4054.69995	246.52	51.43	48.822014	-86.936268	56158.89	56288.3	-38.29	56120.60	56119.35938	56126.75157	56124.86328	504678.1	5407672.2
L4680.0	504678.1	5407671.4	4054.80005	245.43	51.43	48.822007	-86.936268	56158.72	56288.3	-38.29	56120.42	56119.17578	56126.78631	56124.85156	504678.1	5407671.4
L4680.0	504678.1	5407670.3	4054.89990	245.91	45.78	48.821997	-86.936269	56159.02	56288.3	-38.30	56120.72	56119.47656	56126.79007	56124.81250	504678.1	5407670.3
L4680.0	504678.1	5407669.4	4055.00000	244.65	49.12	48.821989	-86.936269	56159.06	56288.3	-38.30	56120.76	56119.51172	56126.81228	56124.78906	504678.1	5407669.4
L4680.0	504678.1	5407669.4	4055.10010	243.98	50.85	48.821989	-86.936269	56158.75	56288.3	-38.30	56120.45	56119.19922	56126.85900	56124.78906	504678.1	5407669.4
L4680.0	504678.0	5407668.0	4055.19995	243.38	50.85	48.821976	-86.936269	56158.58	56288.3	-38.30	56120.28	56119.02734	56126.89765	56124.77734	504678.0	5407668.0
L4680.0	504678.0	5407668.0	4055.30005	243.59	51.57	48.821976	-86.936269	56158.29	56288.3	-38.30	56119.98	56118.72266	56126.94629	56124.77734	504678.0	5407668.0
L4680.0	504678.0	5407667.1	4055.39990	244.68	48.39	48.821968	-86.936269	56157.78	56288.3	-38.30	56119.47	56118.20703	56127.01033	56124.79297	504678.0	5407667.1
L4680.0	504678.0	5407666.4	4055.50000	245.66	47.66	48.821962	-86.936269	56158.02	56288.3	-38.31	56119.72	56118.45313	56127.02519	56124.75781	504678.0	5407666.4
L4680.0	504678.0	5407665.4	4055.60010	245.86	49.18	48.821953	-86.936270	56157.48	56288.3	-38.31	56119.17	56117.89844	56127.09494	56124.77734	504678.0	5407665.4
L4680.0	504678.0	5407664.8	4055.69995	246.32	49.18	48.821947	-86.936270	56157.48	56288.3	-38.31	56119.17	56117.89453	56127.12966	56124.75781	504678.0	5407664.8
L4680.0	504678.0	5407664.0	4055.69995	246.32	47.32	48.821940	-86.936270	56156.34	56288.3	-38.31	56118.04	56116.75781	56127.24142	56124.81641	504678.0	5407664.0
L4680.0	504678.0	5407664.0	4055.80005	242.85	46.16	48.821940	-86.936270	56156.69	56288.3	-38.31	56118.38	56117.09375	56127.25696	56124.78125	504678.0	5407664.0
L4680.0	504678.0	5407663.2	4056.00000	245.99	46.16	48.821933	-86.936270	56157.15	56288.3	-38.31	56118.84	56117.54688	56127.26637	56124.73438	504678.0	5407663.2
L4680.0	504678.0	5407662.5	4056.10010	249.00	55.79	48.821927	-86.936270	56156.46	56288.3	-38.31	56118.15	56116.85156	56127.35439	56124.76563	504678.0	5407662.5
L4680.0	504678.0	5407661.7	4056.19995	248.06	55.7	48.821920	-86.936270	56157.10	56288.3	-38.31	56118.79	56117.48438	56127.35575	56124.71094	504678.0	5407661.7
L4680.0	504677.9	5407661.1	4056.30005	248.77	53.5	48.821914	-86.936270	56157.35	56288.3	-38.31	56119.04	56117.73047	56127.38522	56124.68359	504677.9	5407661.1
L4680.0	504678.0	5407660.4	4056.39990	249.33	53.5	48.821908	-86.936270	56156.44	56288.3	-38.31	56118.13	56116.81250	56127.49419	56124.73438	504678.0	5407660.4
L4680.0	504678.0	5407659.6	4056.50000	247.60	52.17	48.821901	-86.936270	56156.29	56288.3	-38.31	56117.99	56116.66406	56127.55408	56124.73828	504678.0	5407659.6
L4680.0	504678.0	5407659.6	4056.60010	246.95	52.17	48.821901	-86.936270	56155.86	56288.3	-38.30	56117.55	56116.21875	56127.63631	56124.75781	504678.0	5407659.6
L4680.0	504678.0	5407659.0	4056.69995	248.58	45.62	48.821895	-86.936270	56156.13	56288.3	-38.30	56117.83	56116.48828	56127.67296	56124.73438	504678.0	5407659.0
L4680.0	504678.0	5407658.5	4056.80005	249.08	45.75	48.821891	-86.936270	56156.02	56288.3	-38.30	56117.71	56116.36328	56127.73877	56124.73828	504678.0	5407658.5
L4680.0	504678.0	5407657.9	4056.89990	247.89	45.53	48.821886	-86.936270	56155.86	56288.3	-38.30	56117.55	56116.19141	56127.80984	56124.74609	504678.0	5407657.9
L4680.0	504678.0	5407657.2	4057.00000	245.27	45.53	48.821879	-86.936270	56155.94	56288.3	-38.30	56117.64	56116.27344	56127.86690	56124.74219	504678.0	5407657.2
L4680.0	504678.0	5407656.9	4057.10010	244.91	47.33	48.821876	-86.936270	56156.16	56288.3	-38.30	56117.86	56116.48438	56127.91805	56124.73047	504678.0	5407656.9
L4680.0	504678.0	5407656.2	4057.19995	243.61	47.33	48.821870	-86.936270	56156.41	56288.3	-38.30	56118.11	56116.72656	56127.97005	56124.71484	504678.0	5407656.2
L4680.0	504678.0	5407655.6	4057.30005	241.41	50.35	48.821864	-86.936269	56155.38	56288.3	-38.31	56117.07	56115.67578	56128.11097	56124.78906	504678.0	5407655.6
L4680.0	504678.0	5407655.6	4057.39990	239.56	48.85	48.821864	-86.936269	56155.25	56288.3	-38.31	56116.95	56115.54688	56128.19358	56124.80859	504678.0	5407655.6
L4680.0	504678.0	5407654.6	4057.50000	241.80	48.84	48.821856	-86.936269	56154.41	56288.3	-38.31	56116.10	56114.68750	56128.32797	56124.87500	504678.0	5407654.6
L4680.0	504678.0	5407654.1	4057.60010	242.82	48.84	48.821851	-86.936269	56154.78	56288.3	-38.31	56116.47	56115.04688	56128.38423	56124.86328	504678.0	5407654.1
L4680.0	504678.0	5407654.1	4057.69995	246.27	50.05	48.821851	-86.936269	56154.82	56288.3	-38.31	56116.51	56115.07813	56128.46579	56124.87500	504678.0	5407654.1
L4680.0	504678.0	5407653.1	4057.69995	246.27	51.16	48.821843	-86.936269	56155.13	56288.3	-38.31	56116.82	56115.37500	56128.53275	56124.87109	504678.0	5407653.1
L4680.0	504678.0	5407653.1	4057.80005	248.06	51.16	48.821843	-86.936269	56155.23	56288.3	-38.32	56116.91	56115.45313	56128.61786	56124.88672	504678.0	5407653.1
L4680.0	504678.1	5407652.6	4058.00000	248.50	45.53	48.821838	-86.936269	56153.45	56288.3	-38.32	56115.13	56113.66406	56128.83122	56125.03125	504678.1	5407652.6
L4680.0	504678.1	5407652.1	4058.10010	247.98	38.91	48.821833	-86.936269	56153.93	56288.3	-38.32	56115.61	56114.13281	56128.89760	56125.02344	504678.1	5407652.1
L4680.0	504678.1	5407651.6	4058.19995	245.70	40.75	48.821829	-86.936269	56153.66	56288.3	-38.33	56115.33	56113.83984	56129.01843	56125.07422	504678.1	5407651.6
L4680.0	504678.1	5407651.3	4058.30005	245.11	40.4	48.821826	-86.936268	56154.15	56288.3	-38.33	56115.82	56114.32031	56129.09181	56125.07422	504678.1	5407651.3
L4680.0	504678.1	5407651.3	4058.39990	243.48	40.4	48.821826	-86.936268	56154.54	56288.3	-38.33	56116.20	56114.68750	56129.17650	56125.08594	504678.1	5407651.3
L4680.0	504678.1	5407650.8	4058.50000	245.35	42.72	48.821822	-86.936268	56154.10	56288.3	-38.33	56115.76	56114.23438	56129.31993	56125.15234	504678.1	5407650.8
L4680.0	504678.1	5407650.3	4058.60010	245.80	42.72	48.821817	-86.936268	56153.96	56288.3	-38.34	56115.62	56114.08203	56129.44754	56125.20703	504678.1	5407650.3
L4680.0	504678.1	5407649.9	4058.69995	246.06	50.89	48.821813	-86.936268	56153.25	56288.3	-38.34	56114.90	56113.34766	56129.61809	56125.30078	504678.1	5407649.9
L4680.0	504678.1	5407649.9	4058.80005	247.64	49.25	48.821813	-86.936268	56154.29	56288.3	-38.34	56115.94	56114.37500	56129.67568	56125.28125	504678.1	5407649.9
L4680.0	504678.2	5407649.4	4058.89990	247.44	50.05	48.821809	-86.936267	56152.93	56288.3	-38.35	56114.58	56113.00391	56129.89773	56125.42969	504678.2	5407649.4
L4680.0	504678.2	5407649.0	4059.00000	246.42	48.25	48.821806	-86.936267	56153.48	56288.3	-38.35	56115.13	56113.53906	56129.99701	56125.44922	504678.2	5407649.0
L4680.0	504678.2	5407648.6	4059.10010	245.10	48.25	48.821802	-86.936267	56153.42	56288.4	-38.35	56115.07	56113.46484	56130.14161	56125.51953	504678.2	5407648.6
L4680.0	504678.2	5407648.3	4059.19995	243.77	46.17	48.821799	-86.936267	56153.21	56288.4	-38.35	56114.86	56113.24219	56130.30094	56125.59766	504678.2	5407648.3
L4680.0	504678.2	5407648.1	4059.30005	243.06	43.9	48.821797	-86.936267	56153.38	56288.4	-38.35	56115.02	56113.39063	56130.44043	56125.66016	504678.2	5407648.1
L4680.0	504678.3	5407647.8	4059.39990	241.26	47.26	48.821794	-86.936266	56152.14	56288.4	-38.35	56113.79	56112.14453	56130.67751	56125.82031	504678.3	5407647.8
L4680.0	504678.3	5407647.4	4059.50000	243.14	47.19	48.821791	-86.936266	56152.26	56288.4	-38.35	56113.90	56112.24219	56130.83023	56125.89063	504678.3	5407647.4
L4680.0	504678.3	5407647.4	4059.60010	245.06	47.19	48.821791	-86.936266	56153.64	56288.4	-38.36	56115.29	56113.61719	56130.90269	56125.88672	504678.3	5407647.4
L4680.0	504678.3	5407646.9	4059.69995	246.33	47.46	48.821786	-86.936266	56154.11	56288.4	-38.36	56115.76	56114.07422	56131.04161	56125.94531	504678.3	5407646.9
L4680.0	504678.3	5407646.9	4059.69995	246.33	47.55	48.821786	-86.936266	56153.68	56288.4	-38.36	56115.32	56113.61719	56131.24640	56126.07031	504678.3	5407646.9
L4680.0	504678.3	5407646.7	4059.80005	248.59	45.95	48.821784	-86.936265	56152.72	56288.4	-38.36	56114.36	56112.64453	56131.49112	56126.23438	504678.3	5407646.7
L4680.0	504678.3	5407646.5	4060.00000	248.98	45.95	48.821782	-86.936265	56152.13	56288.4	-38.36	56113.77	56112.03906	56131.71649	56126.37891	504678.3	5407646.5
L4680.0	504678.3	5407646.3	4060.10010	249.55	43.87	48.821781	-86.936265	56153.44	56288.4	-38.36	56115.08	56113.33594	56131.82055	56126.39844	504678.3	5407646.3

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4680.0	504678.4	5407646.0	4060.19995	249.47	43.66	48.821779	-86.936265	56153.42	56288.4	-38.37	56115.06	56113.30078	56132.01868	56126.51563	504678.4	5407646.0
L4680.0	504678.4	5407645.8	4060.30005	249.47	43.66	48.821777	-86.936265	56152.24	56288.4	-38.37	56113.87	56112.09766	56132.30024	56126.71875	504678.4	5407645.8
L4680.0	504678.4	5407645.6	4060.39990	248.18	44.14	48.821775	-86.936265	56153.38	56288.4	-38.37	56115.00	56113.21094	56132.43261	56126.76953	504678.4	5407645.6
L4680.0	504678.4	5407645.5	4060.50000	251.51	46.38	48.821774	-86.936264	56152.90	56288.4	-38.38	56114.53	56112.72656	56132.67712	56126.92969	504678.4	5407645.5
L4680.0	504678.4	5407645.4	4060.60010	251.55	46.38	48.821773	-86.936264	56152.21	56288.4	-38.38	56113.83	56112.01172	56132.94245	56127.11328	504678.4	5407645.4
L4680.0	504678.4	5407645.4	4060.69995	249.27	44.01	48.821773	-86.936264	56153.38	56288.4	-38.38	56115.00	56113.16797	56133.08861	56127.17969	504678.4	5407645.4
L4680.0	504678.4	5407645.2	4060.80005	248.79	43.39	48.821771	-86.936264	56152.89	56288.4	-38.38	56114.51	56112.66406	56133.35092	56127.35938	504678.4	5407645.2
L4720.0	504719.0	5409996.7	35597.89844	361.36	0	48.842925	-86.935684	55976.24	56237.7	12.33	55988.57	55992.92188	56056.09928	55968.91016	504719.0	5409996.7
L4720.0	504719.1	5409997.1	35598.00000	360.00	0	48.842928	-86.935683	55976.19	56237.7	12.33	55988.52	55992.64453	56053.39019	55967.34766	504719.1	5409997.1
L4720.0	504719.1	5409997.1	35598.10156	359.59	0	48.842928	-86.935683	55975.93	56237.7	12.33	55988.26	55992.15625	56045.62301	55960.72266	504719.1	5409997.1
L4720.0	504719.2	5409997.5	35598.19922	360.74	0	48.842932	-86.935682	55975.38	56237.7	12.33	55987.71	55991.37891	56030.79108	55947.03516	504719.2	5409997.5
L4720.0	504719.3	5409997.8	35598.30078	359.43	0	48.842935	-86.935680	55975.13	56237.7	12.33	55987.46	55990.90234	56023.71152	55941.09766	504719.3	5409997.8
L4720.0	504719.3	5409997.8	35598.39844	359.67	0	48.842935	-86.935680	55974.77	56237.7	12.33	55987.10	55990.31641	56014.09088	55932.61719	504719.3	5409997.8
L4720.0	504719.4	5409998.2	35598.50000	363.21	0	48.842938	-86.935679	55974.57	56237.7	12.33	55986.90	55989.89063	56008.71059	55928.37891	504719.4	5409998.2
L4720.0	504719.5	5409998.6	35598.60156	362.17	0	48.842942	-86.935677	55974.37	56237.7	12.33	55986.70	55989.46875	56003.55445	55924.35938	504719.5	5409998.6
L4720.0	504719.6	5409998.8	35598.69922	363.57	0	48.842944	-86.935677	55974.34	56237.7	12.33	55986.67	55989.21484	56002.89252	55924.82813	504719.6	5409998.8
L4720.0	504719.6	5409999.1	35598.80078	365.76	0	48.842946	-86.935675	55973.98	56237.7	12.33	55986.31	55988.63281	55994.17070	55917.23828	504719.6	5409999.1
L4720.0	504719.6	5409999.1	35598.89844	366.06	0	48.842946	-86.935675	55973.76	56237.7	12.33	55986.09	55988.19141	55989.19185	55913.38672	504719.6	5409999.1
L4720.0	504719.7	5409999.3	35599.00000	366.38	0	48.842948	-86.935674	55973.51	56237.7	12.33	55985.84	55987.72656	55983.68798	55909.00391	504719.7	5409999.3
L4720.0	504719.8	5409999.5	35599.00000	366.38	0	48.842950	-86.935674	55973.48	56237.7	12.33	55985.81	55987.48047	55983.93732	55910.37109	504719.8	5409999.5
L4720.0	504719.8	5409999.5	35599.19922	365.82	0	48.842950	-86.935674	55973.33	56237.7	12.33	55985.66	55987.11328	55981.40282	55908.94922	504719.8	5409999.5
L4720.0	504719.8	5409999.7	35599.19922	365.26	0	48.842951	-86.935673	55973.11	56237.7	12.33	55985.44	55986.68359	55977.34030	55905.99609	504719.8	5409999.7
L4720.0	504719.8	5409999.8	35599.30078	357.58	0	48.842952	-86.935673	55973.10	56237.7	12.33	55985.43	55986.46484	55978.78088	55908.53906	504719.8	5409999.8
L4720.0	504719.9	5409999.9	35599.50000	362.44	0	48.842953	-86.935672	55973.06	56237.7	12.33	55985.39	55986.21875	55979.69808	55910.55078	504719.9	5409999.9
L4720.0	504719.9	5409999.9	35599.50000	362.44	0	48.842953	-86.935672	55973.16	56237.7	12.33	55985.49	55986.11328	55984.36059	55916.30469	504719.9	5409999.9
L4720.0	504719.9	5410000.0	35599.60156	361.64	0	48.842954	-86.935672	55972.92	56237.7	12.33	55985.25	55985.67188	55980.71517	55913.74219	504719.9	5410000.0
L4720.0	504719.9	5410000.0	35599.69922	362.73	0	48.842955	-86.935672	55972.98	56237.7	12.33	55985.31	55985.53516	55984.83214	55918.93359	504719.9	5410000.0
L4720.0	504719.9	5410000.0	35599.80078	365.89	0	48.842955	-86.935672	55973.08	56237.7	12.33	55985.41	55985.44141	55990.18231	55925.35156	504719.9	5410000.0
L4720.0	504719.9	5410000.1	35599.89844	367.99	0	48.842956	-86.935672	55973.03	56237.7	12.33	55985.36	55985.19922	55991.99411	55928.22656	504719.9	5410000.1
L4720.0	504719.9	5410000.2	35600.00000	368.41	0	48.842957	-86.935672	55973.31	56237.7	12.33	55985.64	55985.29297	56002.31985	55939.60547	504719.9	5410000.2
L4720.0	504719.9	5410000.2	35600.10156	366.91	0	48.842957	-86.935672	55973.08	56237.7	12.33	55985.41	55984.87891	56000.06597	55938.39453	504719.9	5410000.2
L4720.0	504719.9	5410000.3	35600.19922	363.27	0	48.842957	-86.935672	55973.10	56237.7	12.33	55985.44	55984.72656	56004.56659	55943.92969	504719.9	5410000.3
L4720.0	504719.9	5410000.5	35600.39844	361.21	0	48.842959	-86.935672	55972.65	56237.7	12.34	55984.99	55984.10156	55997.23901	55937.62891	504719.9	5410000.5
L4720.0	504719.9	5410000.7	35600.50000	359.32	0	48.842961	-86.935671	55972.46	56237.7	12.34	55984.80	55983.73828	55996.66384	55938.07031	504719.9	5410000.7
L4720.0	504719.9	5410000.7	35600.60156	359.59	0	48.842961	-86.935671	55972.37	56237.7	12.34	55984.71	55983.48047	55998.82225	55941.23438	504719.9	5410000.7
L4720.0	504719.9	5410001.0	35600.69922	359.53	0	48.842963	-86.935671	55972.04	56237.7	12.34	55984.38	55982.98828	55995.17544	55938.58594	504719.9	5410001.0
L4720.0	504720.0	5410001.2	35600.80078	360.16	0	48.842965	-86.935671	55972.02	56237.7	12.35	55984.36	55982.80859	55999.53281	55943.92969	504720.0	5410001.2
L4720.0	504720.0	5410001.4	35600.89844	358.45	0	48.842967	-86.935670	55971.82	56237.7	12.35	55984.16	55982.45313	55999.58885	55944.96094	504720.0	5410001.4
L4720.0	504720.0	5410001.4	35601.00000	357.98	0	48.842967	-86.935670	55971.43	56237.7	12.35	55983.78	55981.92578	55995.34209	55941.67969	504720.0	5410001.4
L4720.0	504720.0	5410001.8	35601.00000	357.98	0	48.842970	-86.935670	55971.43	56237.7	12.35	55983.78	55981.78125	56000.85283	55948.14453	504720.0	5410001.8
L4720.0	504720.0	5410001.8	35601.19922	358.40	0	48.842970	-86.935670	55970.82	56237.7	12.34	55983.17	55981.02734	55991.26014	55939.49219	504720.0	5410001.8
L4720.0	504720.1	5410002.0	35601.30078	359.63	0	48.842973	-86.935670	55970.40	56237.7	12.34	55982.74	55980.46484	55986.39959	55935.56250	504720.1	5410002.0
L4720.0	504720.1	5410002.3	35601.39844	360.30	0	48.842975	-86.935669	55970.17	56237.7	12.34	55982.51	55980.10156	55986.77166	55936.85156	504720.1	5410002.3
L4720.0	504720.1	5410002.3	35601.50000	360.44	0	48.842975	-86.935669	55969.66	56237.7	12.33	55982.00	55979.46875	55980.32157	55931.30859	504720.1	5410002.3
L4720.0	504720.1	5410002.6	35601.60156	361.51	0	48.842978	-86.935669	55969.61	56237.7	12.33	55981.95	55979.29688	55985.62918	55937.51172	504720.1	5410002.6
L4720.0	504720.1	5410003.0	35601.69922	360.69	0	48.842982	-86.935669	55969.31	56237.7	12.33	55981.64	55978.87109	55984.61310	55937.37500	504720.1	5410003.0
L4720.0	504720.1	5410003.0	35601.80078	362.04	0	48.842982	-86.935669	55968.81	56237.7	12.33	55981.13	55978.25000	55978.77799	55932.41016	504720.1	5410003.0
L4720.0	504720.1	5410003.4	35601.89844	362.87	0	48.842985	-86.935669	55968.95	56237.7	12.32	55981.28	55978.29688	55989.71680	55944.20313	504720.1	5410003.4
L4720.0	504720.1	5410003.8	35602.00000	362.19	0	48.842989	-86.935668	55968.47	56237.7	12.32	55980.79	55977.70703	55984.78391	55940.11328	504720.1	5410003.8
L4720.0	504720.1	5410003.8	35602.10156	364.85	0	48.842989	-86.935668	55968.22	56237.7	12.32	55980.54	55977.36328	55986.07435	55942.23047	504720.1	5410003.8
L4720.0	504720.2	5410004.1	35602.19922	361.83	0	48.842992	-86.935668	55968.20	56237.7	12.32	55980.51	55977.24219	55993.08373	55950.05469	504720.2	5410004.1
L4720.0	504720.2	5410004.5	35602.30078	359.31	0	48.842995	-86.935668	55967.71	56237.7	12.32	55980.03	55976.67969	55988.98580	55946.76172	504720.2	5410004.5
L4720.0	504720.2	5410004.5	35602.39844	361.32	0	48.842995	-86.935668	55967.41	56237.7	12.32	55979.73	55976.30078	55989.59780	55948.16016	504720.2	5410004.5
L4720.0	504720.2	5410005.0	35602.50000	359.86	0	48.842999	-86.935668	55967.23	56237.7	12.32	55979.55	55976.05078	55993.41069	55952.74609	504720.2	5410005.0
L4720.0	504720.2	5410005.4	35602.60156	357.81	0	48.843003	-86.935668	55966.73	56237.7	12.32	55979.05	55975.48047	55989.37344	55949.46875	504720.2	5410005.4
L4720.0	504720.2	5410005.8	35602.69922	359.44	0	48.843007	-86.935667	55966.10	56237.7	12.32	55978.42	55974.78906	55982.25446	55943.09766	504720.2	5410005.8
L4720.0	504720.2	5410005.8	35602.80078	359.44	0	48.843007	-86.935667	55965.96	56237.7	12.32	55978.28	55974.59375	55987.61958	55949.19141	504720.2	5410005.8
L4720.0	504720.2	5410006.1	35602.89844	360.81	0	48.843010	-86.935667	55965.41	56237.7	12.32	55977.73	55973.99219	55982.86670	55945.15625	504720.2	5410006.1
L4720.0	504720.3	5410006.6	35603.00000	361.18	0	48.843014	-86.935667	55965.26	56237.7	12.32	55977.58	55973.80078	55988.33243	55951.32422	504720.3	5410006.6
L4720.0	504720.3	5410006.6	35603.00000	361.18	0	48.843014	-86.935667	55964.56	56237.7	12.32	55976.88	55973.05859	55980.15898	55943.83984	504720.3	5410006.6
L4720.0	504720.3	5410007.3	35603.19922	362.68	0	48.843020	-86.935666	55964.43	56237.7	12.31	55976.74	55972.88672	55986.21586	55950.57031	504720.3	5410007.3
L4720.0	504720.3	5410007.3	35603.30078	366.47	0	48.843020	-86.935666	55964.15	56237.7	12.31	55976.46	55972.57422	55988.92267	55953.93359	504720.3	5410007.3
L4720.0	504720.3	5410007.8	35603.39844	365.79	0	48.843024	-86.935666	55963.64	56237.7	12.30	55975.95	55972.04297	55986.01621	55951.67188	504720.3	5410007.8
L4720.0	504720.3	5410008.3	35603.50000	365.58	0	48.843029	-86.935666	55963.52	56237.7	12.30	55975.82	55971.89453	55992.81045	55959.09766	504720.3	5410008.3
L4720.0	504720.4	5410008.9	35603.60156	367.71	0	48.843035	-86.935665	55962.66	56237.7	12.30	55974.95	55971.01172	55981.17823	55948.08203	504720.4	5410008.9
L4720.0	504720.4	5410008.9	35603.69922	367.53	0	48.843035	-86.935665	55962.66	56237.7	12.29	55974.95	55971.00391	55991.54365	55959.04688	504720.4	5410008.9
L4720.0	504720.4	5410009.7	35603.80078	367.38	0	48.843041	-86.935665	55962.02	56237.7	12.29	55974.31	55970.35938	55985.98621	55954.07422	504720.4	5410009.7
L4720.0	504720.4	5410010.4	35603.89844	366.36	0	48.843048	-86.935665	55961.44	56237.7	12.28	55973.72	55969.77344	55981.82813	55950.48828	504720.4	5410010.4
L4720.0	504720.4	5410010.4	35604.00000	364.47	0	48.843048	-86.935665	55960.86	56237.7	12.28	55973.14	55969.19922	55978.06089	55947.27734	504720.4	5410010.4
L4720.0	504720.4	5410011.0	35604.10156	363.53	0	48.843054	-86.935665	55960.64	56237.7	12.28	55972.92	55968.99219	55983.46887	55953.22656	504720.4	5410011.0
L4720.0	504720.4	5410011.7	35604.19922	363.06	0	48.843060	-86.935665	55960.10	56237.7	12.28	55972.38	55968.46875	55980.97252	55951.25781	504720.4	5410011.7
L4720.0	504720.4	5410012.2	35604.30078	362.31	0	48.843064	-86.935665	55959.59	56237.7	12.28	55971.87	55967.98438	55979.35586	55950.15234	504720.4	5410012.2
L4720.0	504720.4	5410012.2	35604.39844	361.25	0	48.843064	-86.935665	55958.76	56237.7	12.28	55971.04	55967.17969	55969.82542	55941.12109	504720.4	5410012.2
L4720.0	504720.4	5410012.8	35604.50000	360.20	0	48.843070	-86.935665	55958.38	56237.7	12.28	55970.66	55966.83203	55971.71121	55943.48828	504720.4	5410012.8
L4720.0	504720.4	5410013.5	35604.60156	359.99	0	48.843076	-86.935665	55957.90	56237.7	12.28	55970.18	55966.38672	55971.19727	55943.44531	504720.4	5410013.5
L4720.0	504720.4	5410014.1	35604.69922	361.11	0	48.843081	-86.935665	55956.94	56237.7	12.28	55969.22	55965.46875	55958.73621	55931.44141	504720.4	5410014.1
L4720.0	504720.4	5410014.1	35604.80078	362.43	0	48.843081	-86.935665	55956.84	56237.7	12.28	55969.12	55965.41406	55967.97036	55941.11328	504720.4	5410014.1
L4720.0	504720.3	5410014.8	35604.89844	363.41	0	48.843088	-86.935666	55956.06	56237.7	12.28	55968.33	55964.67188	55959.97270	55933.54297	504720.3	5410014.8
L4720.0	504720.3	5410014.8	35605.00000	361.82	0	48.843088	-86.935666	55956.11	56237.7	12.28	55968.39	55964.78516	55973.40718	55947.39063	504720.3	5410014.8
L4720.0	504720.3	5410015.7	35605.00000	361.82	0	48.843095	-86.935666	55954.91	56237.7	12.28	55967.19	55963.64453	55955.28451	55929.66797	504720.3	5410015.7
L4720.0	504720.3	5410016.4	35605.19922	362.88	0	48.843102	-86.935666	55954.64	56237.7	12.28	55966.92	55963.43359	55960.58995	55935.35938	504720.3	5410016.4
L4720.0	504720.3	5410016.4	35605.30078	362.41	0	48.843102	-86.935666	55953.98	56237.7	12.28	55966.26	55962.83984	55956.17096	55931.31250	504720.3	5410016.4
L4720.0	504720.3	5410017.3	35605.39844	362.02	0	48.843110	-86.935667	55953.22	56237.7	12.28	55965.50	55962.14844	55949.30251	55924.80078	504720.3	5410017.3
L4720.0	504720.2	5410018.0	35605.50000	363.91	0	48.843116	-86.935667	55952.92	56237.7	12.28	55965.20	55961.92188	55954.03917	55929.88672	504720.2	5410018.0
L4720.0	504720.2	5410018.7	35605.60156	364.32	0	48.843123	-86.935668	55952.28	56237.7	12.28	55964.56	55961.35547	55950.28508	55926.46484	504720.2	5410018.7
L4720.0	504720.2	5410019.5	35605.69922	363.87	0	48.843130	-86.935668	55951.70	56237.7	12.28	55963.98	55960.85547	55948.07663	55924.57422	504720.2	5410019.5
L4720.0	504720.2	5410019.5	35605.80078	364.94	0	48.843130	-86.935668	55951.10	56237.7	12.28	55963.38	55960.33594	55945.39696	55922.19922	504720.2	5410019.5
L4720.0	504720.1	5410020.3	35605.89844	364.69	0	48.843137	-86.935668	55950.82	56237.7	12.28	55963.10	55960.14453	55950.77533	55927.87500	504720.1	5410020.3
L4720.0	504720.1	5410021.1	35606.00000	363.74	0	48.843145	-86.935669	55949.86	56237.7	12.28	55962.14	55959.26953	55939.09281	55916.47266	504720.1	5410021.1
L4720.0	504720.1	5410022.0	35606.10156	363.74	0	48.843152	-86.935669	55949.30	56237.7	12.28	55961.58	55958.80078	55937.45987	55915.10938	504720.1	5410022.0
L4720.0	504720.1	5410022.0	35606.19922	365.49	0	48.843152	-86.935669	55948.87	56237.7	12.28	55961.15	55958.46484	55939.08768	55916.99219	504720.1	5410022.0
L4720.0	504720.1	5410023.1	35606.30078	364.98	0	48.843162	-86.935669	55948.29	56237.7	12.28	55960.56	55957.97266	55936.68494	55914.83594	504720.1	5410023.1
L4720.0	504720.1	5410023.9	35606.39844	364.16	0	48.843169	-86.935669	55947.71	56237.7	12.28	55959.98	55957.48828	55934.51091	55912.89453	504720.1	5410023.9

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4720.0	504720.1	5410023.9	35606.50000	363.10	0	48.843169	-86.935669	55947.18	56237.7	12.28	55959.45	55957.05859	55933.56025	55912.16797	504720.1	5410023.9
L4720.0	504720.0	5410025.3	35606.60156	363.66	0	48.843182	-86.935670	55946.62	56237.7	12.27	55958.89	55956.60156	55931.81415	55910.63281	504720.0	5410025.3
L4720.0	504720.0	5410026.1	35606.69922	362.40	0	48.843189	-86.935670	55945.86	56237.7	12.27	55958.13	55955.94531	55924.99362	55904.01172	504720.0	5410026.1
L4720.0	504720.0	5410026.1	35606.80078	360.87	0	48.843189	-86.935670	55945.48	56237.7	12.27	55957.75	55955.67188	55927.65226	55906.85938	504720.0	5410026.1
L4720.0	504720.0	5410027.0	35606.89844	359.36	0	48.843197	-86.935670	55944.82	56237.7	12.27	55957.09	55955.12109	55923.20652	55902.58984	504720.0	5410027.0
L4720.0	504720.0	5410028.1	35607.00000	360.55	0	48.843207	-86.935671	55944.42	56237.7	12.27	55956.69	55954.82813	55925.20516	55904.75781	504720.0	5410028.1
L4720.0	504720.0	5410028.1	35607.00000	360.55	0	48.843207	-86.935671	55943.38	56237.7	12.27	55955.65	55953.89844	55911.03773	55890.74609	504720.0	5410028.1
L4720.0	504719.9	5410029.4	35607.10156	362.76	0	48.843218	-86.935671	55943.00	56237.7	12.27	55955.27	55953.62891	55913.33650	55893.19531	504719.9	5410029.4
L4720.0	504719.9	5410030.3	35607.30078	362.71	0	48.843227	-86.935671	55942.68	56237.7	12.27	55954.95	55953.42188	55917.02377	55897.01953	504719.9	5410030.3
L4720.0	504719.9	5410031.3	35607.39844	363.20	0	48.843236	-86.935672	55942.02	56237.7	12.27	55954.29	55952.87500	55912.04372	55892.16406	504719.9	5410031.3
L4720.0	504719.9	5410031.3	35607.50000	362.21	0	48.843236	-86.935672	55941.41	56237.7	12.27	55953.68	55952.37891	55908.17762	55888.41797	504719.9	5410031.3
L4720.0	504719.8	5410032.2	35607.60156	362.60	0	48.843244	-86.935672	55940.95	56237.7	12.28	55953.23	55952.04297	55908.17566	55888.52734	504719.8	5410032.2
L4720.0	504719.8	5410032.2	35607.69922	362.98	0	48.843244	-86.935672	55940.57	56237.7	12.28	55952.85	55951.77734	55909.76579	55890.21875	504719.8	5410032.2
L4720.0	504719.8	5410033.7	35607.80078	362.70	0	48.843257	-86.935673	55939.86	56237.7	12.28	55952.14	55951.18359	55902.89162	55883.43359	504719.8	5410033.7
L4720.0	504719.8	5410034.8	35607.89844	362.66	0	48.843267	-86.935673	55939.66	56237.7	12.28	55951.94	55951.09766	55908.63354	55889.26172	504719.8	5410034.8
L4720.0	504719.8	5410034.8	35608.00000	363.16	0	48.843267	-86.935673	55938.83	56237.7	12.28	55951.11	55950.38281	55898.35320	55879.05469	504719.8	5410034.8
L4720.0	504719.8	5410035.9	35608.10156	361.35	0	48.843277	-86.935673	55938.30	56237.7	12.28	55950.57	55949.95703	55895.13965	55875.91016	504719.8	5410035.9
L4720.0	504719.8	5410037.0	35608.19922	361.06	0	48.843287	-86.935673	55937.84	56237.7	12.27	55950.11	55949.61328	55893.70704	55874.53906	504719.8	5410037.0
L4720.0	504719.8	5410037.0	35608.30078	361.47	0	48.843287	-86.935673	55937.76	56237.7	12.26	55950.03	55949.64453	55901.57581	55882.46094	504719.8	5410037.0
L4720.0	504719.7	5410038.1	35608.39844	360.92	0	48.843297	-86.935673	55937.36	56237.7	12.26	55949.62	55949.34766	55900.90479	55881.83203	504719.7	5410038.1
L4720.0	504719.7	5410039.1	35608.50000	359.08	0	48.843306	-86.935674	55936.86	56237.7	12.26	55949.11	55948.94922	55897.45659	55878.42188	504719.7	5410039.1
L4720.0	504719.7	5410039.1	35608.60156	361.12	0	48.843306	-86.935674	55936.50	56237.8	12.25	55948.75	55948.70313	55897.49600	55878.49609	504719.7	5410039.1
L4720.0	504719.7	5410040.0	35608.69922	361.15	0	48.843315	-86.935674	55935.82	56237.8	12.25	55948.07	55948.13281	55889.20829	55870.23047	504719.7	5410040.0
L4720.0	504719.7	5410041.2	35608.80078	362.41	0	48.843325	-86.935674	55935.69	56237.8	12.24	55947.93	55948.10156	55894.17562	55875.21875	504719.7	5410041.2
L4720.0	504719.7	5410041.2	35608.89844	362.16	0	48.843325	-86.935674	55935.04	56237.8	12.24	55947.27	55947.55078	55885.76813	55866.82031	504719.7	5410041.2
L4720.0	504719.7	5410042.7	35609.00000	361.47	0	48.843339	-86.935674	55934.93	56237.8	12.23	55947.16	55947.54688	55890.84124	55871.90234	504719.7	5410042.7
L4720.0	504719.7	5410043.8	35609.00000	361.47	0	48.843349	-86.935674	55934.43	56237.8	12.23	55946.66	55947.14844	55885.77844	55866.83984	504719.7	5410043.8
L4720.0	504719.7	5410043.8	35609.19922	360.12	0	48.843349	-86.935674	55934.13	56237.8	12.23	55946.36	55946.95313	55885.38225	55866.43750	504719.7	5410043.8
L4720.0	504719.7	5410045.0	35609.30078	361.95	0	48.843359	-86.935674	55933.70	56237.8	12.23	55945.93	55946.62500	55881.35369	55862.39844	504719.7	5410045.0
L4720.0	504719.7	5410046.1	35609.39844	363.05	0	48.843369	-86.935675	55933.34	56237.8	12.23	55945.57	55946.36328	55878.70242	55859.73438	504719.7	5410046.1
L4720.0	504719.7	5410046.1	35609.50000	360.18	0	48.843369	-86.935675	55933.04	56237.8	12.23	55945.27	55946.16016	55877.16499	55858.17578	504719.7	5410046.1
L4720.0	504719.6	5410047.7	35609.60156	362.15	0	48.843384	-86.935675	55932.84	56237.8	12.23	55945.07	55946.05469	55877.73364	55858.71875	504719.6	5410047.7
L4720.0	504719.6	5410048.8	35609.69922	361.96	0	48.843394	-86.935675	55932.56	56237.8	12.23	55944.79	55945.86719	55875.87646	55856.83594	504719.6	5410048.8
L4720.0	504719.6	5410049.9	35609.80078	361.31	0	48.843403	-86.935675	55932.38	56237.8	12.23	55944.61	55945.77734	55876.10143	55857.02734	504719.6	5410049.9
L4720.0	504719.6	5410049.9	35609.89844	361.89	0	48.843403	-86.935675	55932.10	56237.8	12.23	55944.33	55945.58594	55873.37477	55854.26172	504719.6	5410049.9
L4720.0	504719.6	5410051.0	35610.00000	364.10	0	48.843413	-86.935675	55931.62	56237.8	12.23	55943.85	55945.19141	55865.17394	55846.01953	504719.6	5410051.0
L4720.0	504719.6	5410052.5	35610.10156	362.82	0	48.843427	-86.935675	55931.59	56237.8	12.23	55943.82	55945.24219	55867.80941	55848.60938	504719.6	5410052.5
L4720.0	504719.6	5410052.5	35610.19922	363.39	0	48.843427	-86.935675	55931.32	56237.8	12.23	55943.54	55945.04297	55863.69281	55844.44531	504719.6	5410052.5
L4720.0	504719.6	5410053.7	35610.30078	362.79	0	48.843438	-86.935675	55931.44	56237.8	12.23	55943.67	55945.25000	55869.38617	55850.08594	504719.6	5410053.7
L4720.0	504719.6	5410054.9	35610.39844	362.13	0	48.843449	-86.935675	55931.26	56237.8	12.23	55943.49	55945.14453	55866.79938	55847.44531	504719.6	5410054.9
L4720.0	504719.6	5410054.9	35610.50000	362.70	0	48.843449	-86.935675	55931.12	56237.8	12.23	55943.34	55945.06641	55864.45967	55845.04688	504719.6	5410054.9
L4720.0	504719.6	5410056.1	35610.60156	362.41	0	48.843459	-86.935675	55931.09	56237.8	12.22	55943.31	55945.10156	55864.61691	55845.14453	504719.6	5410056.1
L4720.0	504719.6	5410057.7	35610.69922	361.06	0	48.843473	-86.935675	55930.73	56237.8	12.22	55942.96	55944.81641	55856.21273	55836.67969	504719.6	5410057.7
L4720.0	504719.6	5410058.6	35610.80078	360.75	0	48.843481	-86.935675	55930.76	56237.8	12.22	55942.98	55944.89844	55856.56385	55836.96484	504719.6	5410058.6
L4720.0	504719.6	5410058.6	35610.89844	359.36	0	48.843481	-86.935675	55930.45	56237.8	12.22	55942.67	55944.64844	55848.08380	55828.41406	504719.6	5410058.6
L4720.0	504719.6	5410059.8	35611.00000	360.07	0	48.843492	-86.935675	55930.68	56237.8	12.22	55942.90	55944.93359	55852.60979	55832.87109	504719.6	5410059.8
L4720.0	504719.6	5410060.9	35611.00000	360.07	0	48.843503	-86.935675	55930.68	56237.8	12.22	55942.90	55944.98438	55850.79828	55830.98828	504719.6	5410060.9
L4720.0	504719.6	5410062.1	35611.19922	360.96	0	48.843513	-86.935675	55930.76	56237.8	12.22	55942.98	55945.10938	55850.42531	55830.54297	504719.6	5410062.1
L4720.0	504719.6	5410063.4	35611.30078	362.70	0	48.843525	-86.935675	55930.81	56237.8	12.22	55943.03	55945.20703	55848.72089	55828.76172	504719.6	5410063.4
L4720.0	504719.6	5410063.4	35611.39844	362.50	0	48.843525	-86.935675	55930.98	56237.8	12.22	55943.20	55945.41797	55849.44410	55829.40625	504719.6	5410063.4
L4720.0	504719.6	5410065.0	35611.50000	361.46	0	48.843539	-86.935675	55931.14	56237.8	12.21	55943.36	55945.61328	55849.32346	55829.21094	504719.6	5410065.0
L4720.0	504719.6	5410066.2	35611.60156	361.46	0	48.843550	-86.935675	55931.37	56237.8	12.21	55943.58	55945.86719	55850.10995	55829.91797	504719.6	5410066.2
L4720.0	504719.6	5410066.2	35611.69922	362.42	0	48.843550	-86.935675	55931.54	56237.8	12.21	55943.76	55946.07813	55849.28614	55829.01172	504719.6	5410066.2
L4720.0	504719.6	5410067.4	35611.80078	361.22	0	48.843561	-86.935674	55931.88	56237.8	12.21	55944.09	55946.43359	55851.61702	55831.26172	504719.6	5410067.4
L4720.0	504719.6	5410068.9	35611.89844	360.50	0	48.843574	-86.935674	55932.05	56237.8	12.21	55944.26	55946.62500	55849.31275	55828.87500	504719.6	5410068.9
L4720.0	504719.6	5410068.9	35612.00000	358.60	0	48.843574	-86.935674	55932.48	56237.8	12.21	55944.69	55947.07422	55852.91449	55832.39063	504719.6	5410068.9
L4720.0	504719.7	5410070.2	35612.10156	357.19	0	48.843585	-86.935674	55932.81	56237.8	12.21	55945.01	55947.41016	55853.12655	55832.51953	504719.7	5410070.2
L4720.0	504719.7	5410071.4	35612.19922	357.49	0	48.843597	-86.935674	55933.04	56237.8	12.20	55945.24	55947.65234	55850.44674	55829.75781	504719.7	5410071.4
L4720.0	504719.7	5410071.4	35612.30078	358.57	0	48.843597	-86.935674	55933.52	56237.8	12.20	55945.72	55948.14063	55853.40856	55832.63281	504719.7	5410071.4
L4720.0	504719.7	5410072.6	35612.39844	359.36	0	48.843607	-86.935674	55933.79	56237.8	12.19	55945.99	55948.41406	55850.45762	55829.59375	504719.7	5410072.6
L4720.0	504719.7	5410074.2	35612.50000	360.57	0	48.843622	-86.935674	55934.48	56237.8	12.19	55946.67	55949.09766	55857.15917	55836.21094	504719.7	5410074.2
L4720.0	504719.7	5410075.4	35612.60156	362.05	0	48.843633	-86.935674	55934.81	56237.8	12.19	55947.00	55949.42188	55854.42647	55833.39063	504719.7	5410075.4
L4720.0	504719.7	5410075.4	35612.69922	361.56	0	48.843633	-86.935674	55935.31	56237.8	12.18	55947.50	55949.91797	55855.31457	55834.19531	504719.7	5410075.4
L4720.0	504719.7	5410077.1	35612.80078	362.42	0	48.843648	-86.935674	55935.69	56237.8	12.18	55947.87	55950.27734	55852.28836	55831.08203	504719.7	5410077.1
L4720.0	504719.7	5410078.7	35612.89844	363.62	0	48.843662	-86.935674	55936.10	56237.8	12.17	55948.27	55950.66406	55849.36392	55828.07031	504719.7	5410078.7
L4720.0	504719.7	5410078.7	35613.00000	362.99	0	48.843662	-86.935674	55936.70	56237.8	12.17	55948.87	55951.24609	55850.80885	55829.42969	504719.7	5410078.7
L4720.0	504719.7	5410079.9	35613.00000	362.99	0	48.843673	-86.935674	55937.21	56237.8	12.17	55949.38	55951.73438	55849.34038	55827.87500	504719.7	5410079.9
L4720.0	504719.7	5410081.3	35613.19922	362.83	0	48.843686	-86.935674	55938.14	56237.8	12.16	55950.31	55952.64063	55857.76446	55836.21484	504719.7	5410081.3
L4720.0	504719.7	5410082.7	35613.30078	362.48	0	48.843698	-86.935674	55938.65	56237.8	12.16	55950.81	55953.10938	55854.73727	55833.10156	504719.7	5410082.7
L4720.0	504719.7	5410082.7	35613.39844	363.86	0	48.843698	-86.935674	55939.41	56237.8	12.16	55951.56	55953.82813	55857.33435	55835.61328	504719.7	5410082.7
L4720.0	504719.7	5410084.1	35613.50000	362.18	0	48.843711	-86.935673	55939.94	56237.8	12.15	55952.09	55954.32422	55853.75463	55831.94922	504719.7	5410084.1
L4720.0	504719.7	5410085.5	35613.60156	364.13	0	48.843723	-86.935673	55940.75	56237.8	12.15	55952.90	55955.09375	55856.55456	55834.66797	504719.7	5410085.5
L4720.0	504719.7	5410085.5	35613.69922	355.46	0	48.843723	-86.935673	55941.61	56237.9	12.15	55953.76	55955.91406	55859.96034	55837.98828	504719.7	5410085.5
L4720.0	504719.7	5410087.1	35613.80078	352.83	0	48.843738	-86.935673	55942.27	56237.9	12.15	55954.41	55956.51953	55857.44528	55835.39453	504719.7	5410087.1
L4720.0	504719.7	5410088.2	35613.89844	361.82	0	48.843748	-86.935673	55943.38	56237.9	12.14	55955.52	55957.58203	55865.83574	55843.70313	504719.7	5410088.2
L4720.0	504719.7	5410088.2	35614.00000	361.07	0	48.843748	-86.935673	55943.78	56237.9	12.14	55955.92	55957.92969	55855.75526	55833.53906	504719.7	5410088.2
L4720.0	504719.7	5410090.1	35614.10156	362.73	0	48.843765	-86.935673	55944.80	56237.9	12.14	55956.93	55958.88281	55860.35273	55838.05859	504719.7	5410090.1
L4720.0	504719.7	5410090.1	35614.19922	364.00	0	48.843765	-86.935673	55945.28	56237.9	12.13	55957.41	55959.30469	55851.00575	55828.63281	504719.7	5410090.1
L4720.0	504719.7	5410092.0	35614.30078	363.65	0	48.843782	-86.935674	55946.64	56237.9	12.13	55958.78	55960.61328	55863.37494	55840.92578	504719.7	5410092.0
L4720.0	504719.7	5410093.0	35614.39844	361.70	0	48.843791	-86.935674	55947.66	56237.9	12.13	55959.78	55961.55078	55865.82537	55843.30078	504719.7	5410093.0
L4720.0	504719.7	5410094.4	35614.50000	362.33	0	48.843803	-86.935674	55948.82	56237.9	12.13	55960.95	55962.65625	55871.92118	55849.32031	504719.7	5410094.4
L4720.0	504719.7	5410094.4	35614.60156	362.58	0	48.843803	-86.935674	55949.78	56237.9	12.12	55961.90	55963.53516	55871.87419	55849.20313	504719.7	5410094.4
L4720.0	504719.7	5410095.9	35614.69922	363.82	0	48.843818	-86.935674	55950.54	56237.9	12.12	55962.66	55964.22266	55866.44289	55843.69922	504719.7	5410095.9
L4720.0	504719.7	5410095.9	35614.80078	367.09	0	48.843818	-86.935674	55951.68	56237.9	12.12	55963.80	55965.28906	55869.94573	55847.13281	504719.7	5410095.9
L4720.0	504719.7	5410097.5	35614.89844	365.04	0	48.843832	-86.935674	55952.34	56237.9	12.11	55964.45	55965.85938	55860.54248	55837.66016	504719.7	5410097.5
L4720.0	504719.6	5410098.8	35615.00000	364.06	0	48.843843	-86.935674	55953.88	56237.9	12.11	55965.99	55967.32031	55872.89165	55849.94141	504719.6	5410098.8
L4720.0	504719.6	5410100.2	35615.00000	364.06	0	48.843855	-86.935674	55954.82	56237.9	12.11	55966.93	55968.17578	55869.58515	55846.57031	504719.6	5410100.2
L4720.0	504719.6	5410100.2	35615.19922	365.47	0	48.843855	-86.935674	55956.28	56237.9	12.11	55968.39	55969.55078	55878.75337	55855.67969	504719.6	5410100.2
L4720.0	504719.6	5410101.6	35615.30078	365.65	0	48.843869	-86.935674	55957.39	56237.9	12.11	55969.50	55970.57422	55878.55725	55855.42188	504719.6	5410101.6
L4720.0	504719.7	5410103.3	35615.39844	366.56	0	48.843883	-86.935674	55958.68	56237.9	12.11	55970.79	55971.77344	55882.31259	55859.11719	504719.7	5410103.3
L4720.0	504719.7	5410103.3	35615.50000	365.19	0	48.843883	-86.935674	55960.10	56237.9	12.11	55972.21	55973.10156	55888.77141	55865.51953	504719.7	5410103.3
L4720.0	504719.7	5410104.7	35615.60156	364.64	0	48.843896	-86.935674	55961.26	56237.9	12.11	55973.37	55974.16797	55888.14847	55864.84375	504719.7	5410104.7
L4720.0	504719.7	5410106.2	35615.69922	366.61	0	48.843910	-86.935674	55962.78	56237.9	12.11	55974.89	55975.58984	55896.02027	55872.66406	504719.7	5410106.2

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4720.0	504719.7	5410107.8	35615.80078	357.45	0	48.843924	-86.935674	55963.89	56237.9	12.11	55976.00	55976.60156	55893.06009	55869.65625	504719.7	5410107.8
L4720.0	504719.7	5410107.8	35615.89844	356.84	0	48.843924	-86.935674	55965.41	56237.9	12.11	55977.52	55978.02344	55899.86699	55876.41406	504719.7	5410107.8
L4720.0	504719.7	5410109.3	35616.00000	362.80	0	48.843938	-86.935673	55966.70	56237.9	12.11	55978.81	55979.21094	55900.37907	55876.88281	504719.7	5410109.3
L4720.0	504719.7	5410109.3	35616.00000	362.80	0	48.843938	-86.935673	55968.17	56237.9	12.11	55980.28	55980.57813	55904.90056	55881.35938	504719.7	5410109.3
L4720.0	504719.7	5410110.8	35616.19922	359.78	0	48.843951	-86.935673	55969.54	56237.9	12.11	55981.64	55981.83203	55906.15863	55882.58203	504719.7	5410110.8
L4720.0	504719.7	5410112.2	35616.30078	359.64	0	48.843964	-86.935673	55970.88	56237.9	12.10	55982.98	55983.06641	55906.42258	55882.80859	504719.7	5410112.2
L4720.0	504719.7	5410114.0	35616.39844	361.23	0	48.843980	-86.935673	55972.42	56237.9	12.10	55984.52	55984.50000	55911.22627	55887.57813	504719.7	5410114.0
L4720.0	504719.7	5410114.0	35616.50000	362.63	0	48.843980	-86.935673	55973.86	56237.9	12.10	55985.96	55985.83203	55913.04634	55889.36719	504719.7	5410114.0
L4720.0	504719.7	5410115.3	35616.60156	364.57	0	48.843991	-86.935673	55975.71	56237.9	12.10	55987.81	55987.57031	55924.69901	55900.99219	504719.7	5410115.3
L4720.0	504719.7	5410116.6	35616.69922	362.50	0	48.844003	-86.935673	55976.79	56237.9	12.10	55988.89	55988.53906	55916.56409	55892.83203	504719.7	5410116.6
L4720.0	504719.7	5410116.6	35616.80078	361.73	0	48.844003	-86.935673	55978.74	56237.9	12.09	55990.84	55990.37500	55929.83291	55906.08203	504719.7	5410116.6
L4720.0	504719.7	5410117.9	35616.89844	360.44	0	48.844015	-86.935673	55979.86	56237.9	12.09	55991.95	55991.37109	55921.57706	55897.80469	504719.7	5410117.9
L4720.0	504719.7	5410120.1	35617.00000	361.89	0	48.844034	-86.935673	55981.78	56237.9	12.09	55993.87	55993.17969	55933.23925	55909.44922	504719.7	5410120.1
L4720.0	504719.7	5410120.1	35617.00000	361.89	0	48.844034	-86.935673	55982.96	56237.9	12.09	55995.05	55994.24219	55925.90902	55902.10938	504719.7	5410120.1
L4720.0	504719.7	5410121.3	35617.10156	361.15	0	48.844046	-86.935673	55984.94	56237.9	12.09	55997.03	55996.10938	55938.26720	55914.45703	504719.7	5410121.3
L4720.0	504719.7	5410122.6	35617.30078	360.26	0	48.844058	-86.935673	55986.41	56237.9	12.08	55998.49	55997.45313	55937.17896	55913.36328	504719.7	5410122.6
L4720.0	504719.7	5410123.7	35617.39844	362.01	0	48.844067	-86.935673	55988.31	56237.9	12.08	56000.38	55999.22266	55946.51021	55922.69141	504719.7	5410123.7
L4720.0	504719.7	5410123.7	35617.50000	362.97	0	48.844067	-86.935673	55990.10	56237.9	12.07	56002.18	56000.90625	55953.21467	55929.39844	504719.7	5410123.7
L4720.0	504719.7	5410125.5	35617.60156	361.89	0	48.844083	-86.935673	55991.70	56237.9	12.07	56003.77	56002.37891	55954.29029	55930.47656	504719.7	5410125.5
L4720.0	504719.7	5410127.1	35617.69922	364.92	0	48.844098	-86.935674	55993.36	56237.9	12.07	56005.43	56003.92188	55956.77931	55932.97266	504719.7	5410127.1
L4720.0	504719.7	5410127.1	35617.80078	365.25	0	48.844098	-86.935674	55994.95	56237.9	12.07	56007.02	56005.39453	55957.17763	55933.38281	504719.7	5410127.1
L4720.0	504719.7	5410128.7	35617.89844	364.55	0	48.844112	-86.935674	55996.83	56237.9	12.06	56008.89	56007.14844	55964.28536	55940.50391	504719.7	5410128.7
L4720.0	504719.6	5410130.0	35618.00000	364.52	0	48.844124	-86.935674	55998.52	56237.9	12.06	56010.58	56008.71875	55966.56321	55942.80078	504719.6	5410130.0
L4720.0	504719.6	5410131.6	35618.10156	366.27	0	48.844138	-86.935674	56000.34	56237.9	12.06	56012.40	56010.42188	55971.80698	55948.06641	504719.6	5410131.6
L4720.0	504719.6	5410131.6	35618.19922	365.81	0	48.844138	-86.935674	56001.98	56237.9	12.06	56014.04	56011.94531	55972.24406	55948.53125	504719.6	5410131.6
L4720.0	504719.6	5410133.2	35618.30078	365.35	0	48.844152	-86.935674	56003.96	56237.9	12.06	56016.02	56013.80859	55980.94353	55957.25781	504719.6	5410133.2
L4720.0	504719.6	5410133.2	35618.39844	364.60	0	48.844152	-86.935674	56005.66	56237.9	12.06	56017.72	56015.39063	55982.34860	55958.69531	504719.6	5410133.2
L4720.0	504719.6	5410134.7	35618.50000	364.28	0	48.844167	-86.935674	56007.35	56237.9	12.06	56019.41	56016.96484	55983.25080	55959.63281	504719.6	5410134.7
L4720.0	504719.6	5410136.1	35618.60156	363.52	0	48.844178	-86.935674	56009.20	56237.9	12.06	56021.26	56018.69922	55987.93064	55964.35156	504719.6	5410136.1
L4720.0	504719.7	5410137.4	35618.69922	363.33	0	48.844190	-86.935673	56010.76	56237.9	12.06	56022.82	56020.14453	55985.10017	55961.56641	504719.7	5410137.4
L4720.0	504719.7	5410137.4	35618.80078	363.34	0	48.844190	-86.935673	56012.64	56237.9	12.06	56024.70	56021.91016	55990.08850	55966.60156	504719.7	5410137.4
L4720.0	504719.7	5410138.7	35618.89844	361.24	0	48.844202	-86.935673	56014.41	56237.9	12.06	56026.47	56023.56641	55992.10989	55968.67188	504719.7	5410138.7
L4720.0	504719.7	5410140.2	35619.00000	360.32	0	48.844215	-86.935673	56016.43	56237.9	12.06	56028.49	56025.47656	56000.21582	55976.83203	504719.7	5410140.2
L4720.0	504719.7	5410140.2	35619.00000	360.32	0	48.844215	-86.935673	56018.06	56237.9	12.06	56030.11	56026.98438	55998.09625	55974.77344	504719.7	5410140.2
L4720.0	504719.7	5410143.4	35619.19922	361.10	0	48.844244	-86.935673	56019.80	56237.9	12.06	56031.86	56028.62500	55999.07138	55975.80859	504719.7	5410143.4
L4720.0	504719.7	5410143.4	35619.30078	363.73	0	48.844244	-86.935673	56021.59	56237.9	12.06	56033.65	56030.30469	56000.89295	55977.69922	504719.7	5410143.4
L4720.0	504719.7	5410144.5	35619.39844	362.74	0	48.844254	-86.935673	56023.54	56237.9	12.06	56035.60	56032.14844	56006.58584	55983.46094	504719.7	5410144.5
L4720.0	504719.7	5410144.5	35619.50000	362.21	0	48.844254	-86.935673	56025.59	56237.9	12.06	56037.65	56034.08984	56014.65500	55991.60156	504719.7	5410144.5
L4720.0	504719.7	5410145.9	35619.60156	363.86	0	48.844267	-86.935672	56027.26	56237.9	12.06	56039.32	56035.65625	56013.05897	55990.08203	504719.7	5410145.9
L4720.0	504719.7	5410147.2	35619.69922	362.98	0	48.844279	-86.935672	56029.16	56237.9	12.06	56041.22	56037.45313	56017.12659	55994.23047	504719.7	5410147.2
L4720.0	504719.8	5410149.1	35619.80078	362.21	0	48.844296	-86.935672	56030.78	56237.9	12.06	56042.84	56038.97266	56014.06295	55991.25000	504719.8	5410149.1
L4720.0	504719.8	5410149.1	35619.89844	361.84	0	48.844296	-86.935672	56032.82	56237.9	12.06	56044.88	56040.91016	56021.45670	55998.73438	504719.8	5410149.1
L4720.0	504719.8	5410150.5	35620.00000	363.13	0	48.844309	-86.935672	56034.54	56237.9	12.06	56046.60	56042.53125	56020.73740	55998.10547	504719.8	5410150.5
L4720.0	504719.8	5410152.6	35620.10156	361.97	0	48.844327	-86.935672	56036.72	56237.9	12.06	56048.78	56044.61719	56031.50237	56008.96484	504719.8	5410152.6
L4720.0	504719.8	5410154.2	35620.19922	363.52	0	48.844342	-86.935671	56038.49	56237.9	12.07	56050.56	56046.30078	56032.16775	56009.73047	504719.8	5410154.2
L4720.0	504719.8	5410154.2	35620.30078	364.58	0	48.844342	-86.935671	56040.26	56237.9	12.07	56052.33	56047.97656	56032.53762	56010.20313	504719.8	5410154.2
L4720.0	504719.8	5410156.3	35620.39844	364.15	0	48.844360	-86.935671	56042.21	56237.9	12.08	56054.28	56049.83594	56037.39386	56015.16406	504719.8	5410156.3
L4720.0	504719.8	5410156.3	35620.50000	362.24	0	48.844360	-86.935671	56044.00	56237.9	12.08	56056.08	56051.54688	56038.46083	56016.33984	504719.8	5410156.3
L4720.0	504719.8	5410157.7	35620.60156	361.01	0	48.844373	-86.935671	56046.00	56237.9	12.08	56058.08	56053.45703	56044.53789	56022.53125	504719.8	5410157.7
L4720.0	504719.8	5410157.7	35620.69922	363.19	0	48.844373	-86.935671	56047.70	56237.9	12.09	56059.79	56055.08203	56043.33150	56021.44141	504719.8	5410157.7
L4720.0	504719.9	5410159.7	35620.80078	362.23	0	48.844391	-86.935670	56049.89	56237.9	12.09	56061.99	56057.19922	56054.43823	56032.66797	504719.9	5410159.7
L4720.0	504719.9	5410161.6	35620.89844	360.10	0	48.844408	-86.935670	56051.59	56237.9	12.10	56063.69	56058.81641	56053.00911	56031.36328	504719.9	5410161.6
L4720.0	504719.9	5410161.6	35621.00000	359.70	0	48.844408	-86.935670	56053.69	56237.9	12.10	56065.79	56060.83984	56061.65369	56040.13281	504719.9	5410161.6
L4720.0	504719.9	5410163.3	35621.00000	359.70	0	48.844423	-86.935669	56055.34	56237.9	12.10	56067.44	56062.41406	56059.03818	56037.64844	504719.9	5410163.3
L4720.0	504720.0	5410164.7	35621.19922	360.94	0	48.844436	-86.935669	56057.43	56237.9	12.09	56069.53	56064.42969	56067.52076	56046.26563	504720.0	5410164.7
L4720.0	504720.0	5410164.7	35621.30078	360.57	0	48.844436	-86.935669	56059.16	56237.9	12.09	56071.24	56066.06641	56066.52063	56045.40234	504720.0	5410164.7
L4720.0	504720.0	5410166.3	35621.39844	361.16	0	48.844451	-86.935669	56061.13	56237.9	12.08	56073.22	56067.97656	56072.36919	56051.39063	504720.0	5410166.3
L4720.0	504720.0	5410168.0	35621.50000	360.41	0	48.844465	-86.935669	56063.13	56237.9	12.08	56075.21	56069.89844	56078.54716	56057.71094	504720.0	5410168.0
L4720.0	504720.0	5410169.3	35621.60156	360.32	0	48.844478	-86.935668	56064.95	56237.9	12.08	56077.02	56071.64453	56080.29284	56059.60156	504720.0	5410169.3
L4720.0	504720.0	5410169.3	35621.69922	362.71	0	48.844478	-86.935668	56066.74	56237.9	12.07	56078.81	56073.37109	56081.63303	56061.09375	504720.0	5410169.3
L4720.0	504720.0	5410170.7	35621.80078	362.05	0	48.844490	-86.935668	56068.69	56237.9	12.07	56080.76	56075.26172	56087.09652	56066.71094	504720.0	5410170.7
L4720.0	504720.1	5410172.4	35621.89844	360.78	0	48.844505	-86.935668	56070.62	56237.9	12.06	56082.68	56077.12500	56091.92111	56071.69141	504720.1	5410172.4
L4720.0	504720.1	5410172.4	35622.00000	362.29	0	48.844505	-86.935668	56072.39	56237.9	12.06	56084.45	56078.83984	56093.10212	56073.02734	504720.1	5410172.4
L4720.0	504720.1	5410174.2	35622.10156	362.46	0	48.844522	-86.935667	56074.26	56237.9	12.06	56086.32	56080.65625	56096.92556	56077.01172	504720.1	5410174.2
L4720.0	504720.1	5410175.6	35622.19922	361.82	0	48.844534	-86.935667	56076.10	56237.9	12.06	56088.16	56082.44531	56100.13527	56080.38672	504720.1	5410175.6
L4720.0	504720.1	5410175.6	35622.30078	363.53	0	48.844534	-86.935667	56078.03	56237.9	12.06	56090.08	56084.32031	56105.50141	56085.92188	504720.1	5410175.6
L4720.0	504720.1	5410177.3	35622.39844	365.50	0	48.844549	-86.935666	56079.92	56237.9	12.06	56091.98	56086.17578	56110.52077	56091.10938	504720.1	5410177.3
L4720.0	504720.2	5410179.0	35622.50000	366.04	0	48.844564	-86.935666	56081.66	56237.9	12.06	56093.72	56087.87109	56111.68549	56092.44531	504720.2	5410179.0
L4720.0	504720.2	5410180.6	35622.60156	366.43	0	48.844579	-86.935666	56083.24	56237.9	12.05	56095.29	56089.40234	56108.75188	56089.68750	504720.2	5410180.6
L4720.0	504720.2	5410180.6	35622.69922	366.90	0	48.844579	-86.935666	56085.18	56237.9	12.05	56097.24	56091.31641	56115.53788	56096.65234	504720.2	5410180.6
L4720.0	504720.2	5410182.4	35622.80078	366.35	0	48.844596	-86.935665	56086.61	56237.9	12.05	56098.66	56092.70313	56109.20001	56090.49609	504720.2	5410182.4
L4720.0	504720.2	5410182.4	35622.89844	364.76	0	48.844596	-86.935665	56088.39	56237.9	12.05	56100.45	56094.46094	56112.34442	56093.82031	504720.2	5410182.4
L4720.0	504720.3	5410183.7	35623.00000	363.84	0	48.844606	-86.935665	56090.26	56237.9	12.05	56102.31	56096.29297	56117.44457	56099.10547	504720.3	5410183.7
L4720.0	504720.3	5410185.1	35623.00000	363.84	0	48.844619	-86.935664	56092.17	56237.9	12.05	56104.22	56098.17578	56124.00459	56105.85156	504720.3	5410185.1
L4720.0	504720.3	5410186.8	35623.19922	365.27	0	48.844634	-86.935664	56094.04	56237.9	12.05	56106.09	56100.02344	56129.77069	56111.80469	504720.3	5410186.8
L4720.0	504720.4	5410188.0	35623.30078	356.41	0	48.844645	-86.935663	56095.71	56237.9	12.06	56107.76	56101.67188	56130.73112	56112.95703	504720.4	5410188.0
L4720.0	504720.4	5410188.0	35623.39844	357.06	0	48.844645	-86.935663	56097.45	56237.9	12.06	56109.51	56103.40625	56133.92249	56116.34375	504720.4	5410188.0
L4720.0	504720.4	5410189.6	35623.50000	356.14	0	48.844660	-86.935663	56099.02	56237.9	12.06	56111.08	56104.95703	56132.82156	56115.43359	504720.4	5410189.6
L4720.0	504720.4	5410191.2	35623.60156	357.03	0	48.844675	-86.935662	56100.94	56237.9	12.06	56113.00	56106.86719	56140.74210	56123.55078	504720.4	5410191.2
L4720.0	504720.5	5410192.7	35623.69922	359.68	0	48.844688	-86.935662	56102.74	56237.9	12.06	56114.80	56108.65625	56145.88724	56128.89453	504720.5	5410192.7
L4720.0	504720.5	5410192.7	35623.80078	360.52	0	48.844688	-86.935662	56104.61	56237.9	12.07	56116.67	56110.51953	56153.03275	56136.24219	504720.5	5410192.7
L4720.0	504720.5	5410194.3	35623.89844	359.48	0	48.844702	-86.935662	56105.92	56237.9	12.07	56117.99	56111.83203	56146.61475	56130.02344	504720.5	5410194.3
L4720.0	504720.5	5410194.3	35624.00000	359.48	0	48.844702	-86.935662	56107.82	56237.9	12.07	56119.89	56113.73047	56155.01236	56138.62500	504720.5	5410194.3
L4720.0	504720.5	5410195.9	35624.10156	356.94	0	48.844717	-86.935661	56109.39	56237.9	12.07	56121.46	56115.30078	56155.37920	56139.19531	504720.5	5410195.9
L4720.0	504720.5	5410197.4	35624.19922	354.95	0	48.844730	-86.935661	56111.11	56237.9	12.07	56123.17	56117.01563	56159.52108	56143.54297	504720.5	5410197.4
L4720.0	504720.6	5410198.8	35624.30078	357.04	0	48.844743	-86.935661	56112.81	56237.9	12.06	56124.87	56118.71875	56163.67510	56147.90625	504720.6	5410198.8
L4720.0	504720.6	5410198.8	35624.39844	358.04	0	48.844743	-86.935661	56114.32	56237.9	12.06	56126.39	56120.24609	56163.57592	56148.01563	504720.6	5410198.8
L4720.0	504720.6	5410200.7	35624.50000	361.21	0	48.844760	-86.935660	56116.17	56237.9	12.06	56128.23	56122.09766	56171.78198	56156.42969	504720.6	5410200.7
L4720.0	504720.6	5410202.2	35624.60156	362.14	0	48.844774	-86.935660	56117.54	56237.9	12.06	56129.60	56123.48047	56168.45904	56153.31641	504720.6	5410202.2
L4720.0	504720.6	5410202.2	35624.69922	363.52	0	48.844774	-86.935660	56119.05	56237.9	12.06	56131.11	56125.00391	56168.92724	56153.99609	504720.6	5410202.2
L4720.0	504720.6	5410204.4	35624.80078	362.54	0	48.844793	-86.935660	56120.42	56237.9	12.05	56132.47	56126.38281	56165.90711	56151.18750	504720.6	5410204.4
L4720.0	504720.6	5410205.9	35624.89844	365.09	0	48.844806	-86.935660	56122.09	56237.9	12.05	56134.15	56128.08203	56171.20288	56156.69531	504720.6	5410205.9
L4720.0	504720.6	5410205.9	35625.00000	364.93	0	48.844806	-86.935660	56123.65	56237.9	12.05	56135.70	56129.65234	56173.51699	56159.22266	504720.6	5410205.9

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4720.0	504720.6	5410207.5	35625.00000	364.93	0	48.844821	-86.935659	56125.35	56237.9	12.05	56137.40	56131.37891	56179.88226	56165.80078	504720.6	5410207.5
L4720.0	504720.6	5410209.0	35625.19922	364.19	0	48.844835	-86.935659	56127.05	56237.9	12.06	56139.11	56133.11719	56186.78495	56172.91797	504720.6	5410209.0
L4720.0	504720.6	5410209.0	35625.30078	363.44	0	48.844835	-86.935659	56128.31	56237.9	12.06	56140.37	56134.40625	56182.67573	56169.02344	504720.6	5410209.0
L4720.0	504720.7	5410210.7	35625.39844	362.72	0	48.844850	-86.935659	56129.81	56237.9	12.06	56141.87	56135.93750	56184.88210	56171.44531	504720.7	5410210.7
L4720.0	504720.7	5410212.0	35625.50000	363.73	0	48.844861	-86.935659	56131.07	56237.9	12.07	56143.13	56137.23047	56181.35214	56168.12891	504720.7	5410212.0
L4720.0	504720.7	5410213.9	35625.60156	363.55	0	48.844879	-86.935659	56132.76	56237.9	12.07	56144.83	56138.96484	56189.16180	56176.15234	504720.7	5410213.9
L4720.0	504720.7	5410213.9	35625.69922	361.98	0	48.844879	-86.935659	56134.11	56237.9	12.07	56146.18	56140.35156	56188.47456	56175.68359	504720.7	5410213.9
L4720.0	504720.7	5410215.3	35625.80078	361.35	0	48.844891	-86.935659	56135.42	56237.9	12.07	56147.50	56141.71094	56187.32625	56174.75000	504720.7	5410215.3
L4720.0	504720.7	5410216.8	35625.89844	360.52	0	48.844904	-86.935659	56136.71	56237.9	12.08	56148.78	56143.03516	56185.46607	56173.10547	504720.7	5410216.8
L4720.0	504720.7	5410218.5	35626.00000	358.11	0	48.844920	-86.935659	56138.13	56237.9	12.08	56150.21	56144.50781	56187.66513	56175.51953	504720.7	5410218.5
L4720.0	504720.7	5410218.5	35626.00000	358.11	0	48.844920	-86.935659	56139.56	56237.9	12.08	56151.64	56145.98438	56190.15682	56178.22266	504720.7	5410218.5
L4720.0	504720.7	5410220.3	35626.19922	358.16	0	48.844936	-86.935659	56141.12	56237.9	12.08	56153.20	56147.58984	56196.20526	56184.48438	504720.7	5410220.3
L4720.0	504720.7	5410221.7	35626.30078	358.93	0	48.844949	-86.935659	56142.35	56237.9	12.08	56154.43	56148.87109	56194.25926	56182.75391	504720.7	5410221.7
L4720.0	504720.7	5410221.7	35626.39844	360.38	0	48.844949	-86.935659	56143.46	56237.9	12.08	56155.54	56150.03125	56189.59145	56178.30078	504720.7	5410221.7
L4720.0	504720.7	5410223.5	35626.50000	361.56	0	48.844965	-86.935659	56145.16	56237.9	12.08	56157.24	56151.78516	56200.02949	56188.94922	504720.7	5410223.5
L4720.0	504720.7	5410225.5	35626.60156	362.26	0	48.844983	-86.935659	56146.66	56237.9	12.08	56158.74	56153.33984	56205.73526	56194.86719	504720.7	5410225.5
L4720.0	504720.7	5410225.5	35626.69922	363.82	0	48.844983	-86.935659	56147.89	56237.9	12.08	56159.97	56154.62500	56204.95001	56194.29297	504720.7	5410225.5
L4720.0	504720.7	5410227.1	35626.80078	362.82	0	48.844997	-86.935659	56148.88	56237.9	12.08	56160.96	56155.67188	56198.42585	56187.98047	504720.7	5410227.1
L4720.0	504720.7	5410229.0	35626.89844	364.50	0	48.845014	-86.935659	56150.14	56237.9	12.08	56162.22	56156.99219	56198.96778	56188.73047	504720.7	5410229.0
L4720.0	504720.7	5410229.0	35627.00000	362.85	0	48.845014	-86.935659	56151.40	56237.9	12.08	56163.48	56158.31250	56199.79451	56189.76563	504720.7	5410229.0
L4720.0	504720.7	5410230.7	35627.00000	362.85	0	48.845029	-86.935659	56152.75	56237.9	12.08	56164.83	56159.72656	56203.16439	56193.33984	504720.7	5410230.7
L4720.0	504720.7	5410230.7	35627.10156	363.40	0	48.845029	-86.935659	56154.08	56237.9	12.08	56166.16	56161.11719	56206.31354	56196.69531	504720.7	5410230.7
L4720.0	504720.7	5410232.5	35627.30078	364.79	0	48.845046	-86.935659	56155.32	56237.9	12.08	56167.40	56162.42578	56207.48239	56198.07031	504720.7	5410232.5
L4720.0	504720.7	5410233.8	35627.39844	364.71	0	48.845058	-86.935659	56156.55	56237.9	12.08	56168.63	56163.71875	56208.67780	56199.46875	504720.7	5410233.8
L4720.0	504720.7	5410235.3	35627.50000	366.01	0	48.845071	-86.935659	56157.67	56237.9	12.08	56169.75	56164.91016	56207.38665	56198.37891	504720.7	5410235.3
L4720.0	504720.7	5410235.3	35627.60156	364.75	0	48.845071	-86.935659	56159.05	56237.9	12.09	56171.14	56166.36719	56213.14872	56204.33984	504720.7	5410235.3
L4720.0	504720.7	5410236.5	35627.69922	359.73	0	48.845082	-86.935659	56160.36	56237.9	12.09	56172.45	56167.74609	56217.17307	56208.56641	504720.7	5410236.5
L4720.0	504720.6	5410238.0	35627.80078	356.28	0	48.845095	-86.935659	56161.75	56237.9	12.09	56173.83	56169.19922	56223.22388	56214.81250	504720.6	5410238.0
L4720.0	504720.6	5410239.8	35627.89844	353.23	0	48.845111	-86.935659	56162.46	56237.9	12.09	56174.55	56169.99219	56212.96807	56204.75391	504720.6	5410239.8
L4720.0	504720.6	5410241.1	35628.00000	354.55	0	48.845123	-86.935659	56163.75	56237.9	12.09	56175.84	56171.35547	56217.28890	56209.26953	504720.6	5410241.1
L4720.0	504720.6	5410241.1	35628.10156	355.57	0	48.845123	-86.935659	56164.93	56237.9	12.09	56177.02	56172.60938	56219.10862	56211.28125	504720.6	5410241.1
L4720.0	504720.6	5410243.4	35628.19922	358.15	0	48.845144	-86.935659	56166.20	56237.9	12.09	56178.29	56173.95313	56223.44661	56215.80859	504720.6	5410243.4
L4720.0	504720.6	5410244.2	35628.30078	360.37	0	48.845151	-86.935659	56166.89	56237.9	12.09	56178.98	56174.71875	56213.47609	56206.02734	504720.6	5410244.2
L4720.0	504720.6	5410244.2	35628.39844	364.02	0	48.845151	-86.935659	56168.30	56237.9	12.09	56180.39	56176.20703	56221.83774	56214.57813	504720.6	5410244.2
L4720.0	504720.6	5410245.8	35628.50000	364.05	0	48.845166	-86.935660	56169.54	56237.9	12.09	56181.63	56177.52344	56226.18036	56219.10156	504720.6	5410245.8
L4720.0	504720.6	5410247.2	35628.60156	364.25	0	48.845178	-86.935660	56170.52	56237.9	12.09	56182.61	56178.58203	56224.24103	56217.34375	504720.6	5410247.2
L4720.0	504720.6	5410247.2	35628.69922	363.61	0	48.845178	-86.935660	56171.41	56237.9	12.09	56183.50	56179.55078	56220.28549	56213.57031	504720.6	5410247.2
L4720.0	504720.6	5410249.3	35628.80078	363.33	0	48.845197	-86.935660	56172.78	56237.9	12.09	56184.87	56181.00391	56228.62359	56222.08984	504720.6	5410249.3
L4720.0	504720.5	5410250.8	35628.89844	363.50	0	48.845211	-86.935660	56173.86	56237.9	12.09	56185.95	56182.16406	56229.91717	56223.55859	504720.5	5410250.8
L4720.0	504720.5	5410250.8	35629.00000	364.15	0	48.845211	-86.935660	56174.73	56237.9	12.09	56186.82	56183.11328	56226.17191	56219.98828	504720.5	5410250.8
L4720.0	504720.5	5410252.3	35629.00000	364.15	0	48.845224	-86.935660	56175.98	56237.9	12.09	56188.07	56184.44531	56232.19973	56226.18750	504720.5	5410252.3
L4720.0	504720.5	5410253.6	35629.19922	366.56	0	48.845236	-86.935661	56176.80	56237.9	12.09	56188.89	56185.34766	56227.65795	56221.81250	504720.5	5410253.6
L4720.0	504720.5	5410255.1	35629.19922	367.98	0	48.845249	-86.935661	56177.62	56237.9	12.09	56189.71	56186.25000	56223.34079	56217.66406	504720.5	5410255.1
L4720.0	504720.5	5410255.1	35629.30078	367.62	0	48.845249	-86.935661	56178.92	56237.9	12.09	56191.01	56187.63281	56231.29794	56225.78906	504720.5	5410255.1
L4720.0	504720.5	5410256.9	35629.39844	366.70	0	48.845265	-86.935661	56180.02	56237.9	12.09	56192.11	56188.81250	56234.45101	56229.10156	504720.5	5410256.9
L4720.0	504720.4	5410258.1	35629.50000	365.81	0	48.845276	-86.935661	56180.85	56237.9	12.09	56192.95	56189.73828	56231.29002	56226.10156	504720.4	5410258.1
L4720.0	504720.4	5410258.1	35629.60156	364.81	0	48.845276	-86.935661	56181.82	56237.9	12.10	56193.92	56190.78906	56231.60470	56226.57422	504720.4	5410258.1
L4720.0	504720.4	5410259.8	35629.69922	363.93	0	48.845291	-86.935662	56183.00	56237.9	12.10	56195.09	56192.04297	56237.14941	56232.27344	504720.4	5410259.8
L4720.0	504720.4	5410261.6	35629.80078	362.17	0	48.845308	-86.935662	56183.60	56237.9	12.10	56195.70	56192.73828	56228.83685	56224.11328	504720.4	5410261.6
L4720.0	504720.4	5410263.5	35629.89844	360.29	0	48.845325	-86.935662	56185.21	56237.9	12.10	56197.31	56194.43359	56245.83589	56241.26172	504720.4	5410263.5
L4720.0	504720.4	5410263.5	35630.00000	359.63	0	48.845325	-86.935662	56185.74	56237.9	12.10	56197.84	56195.04688	56235.91348	56231.48438	504720.4	5410263.5
L4720.0	504720.4	5410265.2	35630.10156	360.29	0	48.845340	-86.935662	56186.90	56237.9	12.10	56199.00	56196.28906	56242.00506	56237.72266	504720.4	5410265.2
L4720.0	504720.3	5410266.5	35630.19922	359.80	0	48.845351	-86.935663	56187.68	56237.9	12.10	56199.77	56197.14453	56238.49460	56234.35547	504720.3	5410266.5
L4720.0	504720.3	5410267.9	35630.39844	361.78	0	48.845364	-86.935663	56188.52	56237.9	12.10	56200.62	56198.07813	56237.18063	56233.17969	504720.3	5410267.9
L4720.0	504720.3	5410267.9	35630.50000	361.11	0	48.845364	-86.935663	56189.67	56237.9	12.10	56201.76	56199.30078	56243.33295	56239.46875	504720.3	5410267.9
L4720.0	504720.3	5410270.1	35630.60156	361.32	0	48.845384	-86.935663	56190.56	56237.9	12.09	56202.65	56200.27344	56243.38858	56239.66016	504720.3	5410270.1
L4720.0	504720.3	5410270.1	35630.69922	361.22	0	48.845384	-86.935663	56191.37	56237.9	12.09	56203.46	56201.16797	56241.61293	56238.01563	504720.3	5410270.1
L4720.0	504720.3	5410273.5	35630.80078	361.46	0	48.845415	-86.935664	56192.54	56237.9	12.09	56204.63	56202.42188	56249.05124	56245.58203	504720.3	5410273.5
L4720.0	504720.3	5410273.5	35630.89844	362.82	0	48.845415	-86.935664	56193.07	56237.9	12.09	56205.17	56203.04297	56240.84086	56237.50000	504720.3	5410273.5
L4720.0	504720.2	5410275.3	35631.00000	362.82	0	48.845430	-86.935664	56194.28	56237.9	12.09	56206.37	56204.32813	56249.37091	56246.15234	504720.2	5410275.3
L4720.0	504720.2	5410275.3	35631.00000	362.96	0	48.845430	-86.935664	56194.82	56237.9	12.09	56206.91	56204.94922	56241.49235	56238.39063	504720.2	5410275.3
L4720.0	504720.2	5410277.2	35631.19922	362.77	0	48.845448	-86.935664	56195.90	56237.9	12.09	56207.99	56206.11328	56247.33438	56244.35156	504720.2	5410277.2
L4720.0	504720.2	5410278.5	35631.30078	361.73	0	48.845459	-86.935665	56197.04	56237.9	12.09	56209.13	56207.33594	56254.84076	56251.97656	504720.2	5410278.5
L4720.0	504720.2	5410278.5	35631.39844	360.57	0	48.845459	-86.935665	56197.57	56237.9	12.09	56209.66	56207.94531	56247.18425	56244.42969	504720.2	5410278.5
L4720.0	504720.2	5410280.3	35631.50000	359.63	0	48.845476	-86.935665	56198.50	56237.9	12.09	56210.59	56208.95703	56249.72315	56247.07813	504720.2	5410280.3
L4720.0	504720.1	5410281.6	35631.60156	359.94	0	48.845487	-86.935665	56199.32	56237.9	12.10	56211.42	56209.86719	56249.89907	56247.36328	504720.1	5410281.6
L4720.0	504720.1	5410282.9	35631.69922	358.44	0	48.845499	-86.935666	56199.97	56237.9	12.10	56212.07	56210.59766	56245.69998	56243.26953	504720.1	5410282.9
L4720.0	504720.1	5410282.9	35631.80078	358.24	0	48.845499	-86.935666	56201.05	56237.9	12.10	56213.15	56211.75781	56252.44010	56250.10938	504720.1	5410282.9
L4720.0	504720.1	5410284.4	35631.89844	356.28	0	48.845512	-86.935666	56201.88	56237.9	12.10	56213.98	56212.66797	56253.04122	56250.80859	504720.1	5410284.4
L4720.0	504720.1	5410285.8	35632.00000	359.06	0	48.845526	-86.935666	56202.37	56237.9	12.10	56214.47	56213.23828	56245.24030	56243.10547	504720.1	5410285.8
L4720.0	504720.0	5410288.0	35632.10156	357.80	0	48.845546	-86.935667	56203.44	56237.9	12.10	56215.54	56214.38672	56252.13585	56250.09375	504720.0	5410288.0
L4720.0	504720.0	5410288.0	35632.19922	358.64	0	48.845546	-86.935667	56204.24	56237.9	12.10	56216.34	56215.26172	56252.38098	56250.42969	504720.0	5410288.0
L4720.0	504720.0	5410289.7	35632.30078	359.00	0	48.845560	-86.935667	56204.98	56237.9	12.10	56217.08	56216.08203	56251.24586	56249.38281	504720.0	5410289.7
L4720.0	504720.0	5410291.2	35632.39844	360.76	0	48.845574	-86.935668	56205.84	56237.9	12.10	56217.94	56217.01953	56253.24737	56251.47266	504720.0	5410291.2
L4720.0	504719.9	5410292.7	35632.50000	361.93	0	48.845587	-86.935668	56206.59	56237.9	12.10	56218.69	56217.84375	56252.60718	56250.91406	504719.9	5410292.7
L4720.0	504719.9	5410292.7	35632.60156	359.83	0	48.845587	-86.935668	56207.81	56237.9	12.10	56219.91	56219.14063	56263.88638	56262.27344	504719.9	5410292.7
L4720.0	504719.9	5410294.7	35632.69922	359.21	0	48.845606	-86.935668	56207.97	56237.9	12.10	56220.07	56219.37500	56248.66316	56247.12891	504719.9	5410294.7
L4720.0	504719.9	5410294.7	35632.80078	361.38	0	48.845606	-86.935668	56209.34	56237.9	12.10	56221.44	56220.82031	56263.93529	56262.47656	504719.9	5410294.7
L4720.0	504719.9	5410296.7	35632.89844	361.39	0	48.845623	-86.935669	56210.14	56237.9	12.10	56222.24	56221.69531	56265.00340	56263.61719	504719.9	5410296.7
L4720.0	504719.9	5410298.1	35633.00000	360.37	0	48.845636	-86.935669	56210.77	56237.9	12.10	56222.87	56222.39844	56261.90887	56260.59375	504719.9	5410298.1
L4720.0	504719.8	5410299.6	35633.00000	360.37	0	48.845650	-86.935669	56211.64	56237.9	12.10	56223.74	56223.33984	56264.94419	56263.69531	504719.8	5410299.6
L4720.0	504719.8	5410299.6	35633.19922	360.84	0	48.845650	-86.935669	56211.96	56237.9	12.10	56224.07	56223.74219	56254.52051	56253.33594	504719.8	5410299.6
L4720.0	504719.8	5410301.3	35633.30078	360.41	0	48.845665	-86.935670	56212.86	56237.9	12.11	56224.96	56224.70313	56258.25659	56257.13672	504719.8	5410301.3
L4720.0	504719.8	5410301.3	35633.39844	360.23	0	48.845665	-86.935670	56213.63	56237.9	12.11	56225.74	56225.55469	56259.32580	56258.26563	504719.8	5410301.3
L4720.0	504719.8	5410303.1	35633.50000	360.92	0	48.845681	-86.935670	56214.67	56237.9	12.11	56226.78	56226.66406	56267.01636	56266.01563	504719.8	5410303.1
L4720.0	504719.7	5410304.9	35633.60156	360.77	0	48.845697	-86.935670	56215.05	56237.9	12.11	56227.16	56227.11328	56258.22410	56257.27734	504719.7	5410304.9
L4720.0	504719.7	5410306.1	35633.69922	359.89	0	48.845708	-86.935671	56215.72	56237.9	12.11	56227.84	56227.86328	56257.05247	56256.16016	504719.7	5410306.1
L4720.0	504719.7	5410306.1	35633.80078	360.96	0	48.845708	-86.935671	56216.41	56237.9	12.12	56228.52	56228.60938	56255.96582	56255.12891	504719.7	5410306.1
L4720.0	504719.7	5410308.1	35633.89844	361.52	0	48.845726	-86.935671	56217.45	56237.9	12.12	56229.57	56229.72656	56264.25254	56263.46094	504719.7	5410308.1
L4720.0	504719.7	5410309.8	35634.00000	361.21	0	48.845741	-86.935671	56218.21	56237.9	12.12	56230.33	56230.55469	56265.33731	56264.59375	504719.7	5410309.8
L4720.0	504719.7	5410309.8	35634.10156	358.79	0	48.845741	-86.935671	56219.14	56237.9	12.12	56231.26	56231.55078	56270.76853	56270.07031	504719.7	5410309.8
L4720.0	504719.7	5410311.0	35634.19922	360.12	0	48.845752	-86.935671	56219.75	56237.9	12.12	56231.87	56232.22266	56268.23974	56267.58594	504719.7	5410311.0
L4720.0	504719.7	5410312.5	35634.30078	360.46	0	48.845766	-86.935671	56220.26	56237.9	12.12	56232.38	56232.79688	56263.27291	56262.66016	504719.7	5410312.5

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4720.0	504719.7	5410313.8	35634.39844	362.11	0	48.845777	-86.935671	56220.94	56237.9	12.12	56233.06	56233.54297	56262.64557	56262.07031	504719.7	5410313.8
L4720.0	504719.7	5410313.8	35634.50000	359.86	0	48.845777	-86.935671	56221.57	56237.9	12.11	56233.68	56234.22656	56260.58011	56260.03906	504719.7	5410313.8
L4720.0	504719.7	5410316.2	35634.60156	360.61	0	48.845799	-86.935671	56222.29	56237.9	12.11	56234.41	56235.01563	56261.34311	56260.83594	504719.7	5410316.2
L4720.0	504719.7	5410317.5	35634.69922	360.65	0	48.845811	-86.935671	56223.14	56237.9	12.11	56235.26	56235.92969	56265.18353	56264.71094	504719.7	5410317.5
L4720.0	504719.7	5410317.5	35634.80078	360.77	0	48.845811	-86.935671	56223.89	56237.9	12.11	56236.00	56236.73047	56266.32387	56265.88281	504719.7	5410317.5
L4720.0	504719.7	5410319.3	35634.89844	363.39	0	48.845827	-86.935671	56224.44	56237.9	12.11	56236.55	56237.33984	56262.75325	56262.33984	504719.7	5410319.3
L4720.0	504719.7	5410321.0	35635.00000	363.39	0	48.845842	-86.935671	56225.44	56237.9	12.11	56237.55	56238.39844	56270.54033	56270.15625	504719.7	5410321.0
L4720.0	504719.7	5410322.5	35635.00000	362.68	0	48.845856	-86.935671	56226.38	56237.9	12.11	56238.49	56239.39844	56276.87684	56276.51563	504719.7	5410322.5
L4720.0	504719.7	5410322.5	35635.19922	362.95	0	48.845856	-86.935671	56227.11	56237.9	12.10	56239.21	56240.17578	56277.74321	56277.40625	504719.7	5410322.5
L4720.0	504719.7	5410324.3	35635.30078	365.04	0	48.845871	-86.935671	56227.61	56237.9	12.10	56239.70	56240.72266	56272.88648	56272.57422	504719.7	5410324.3
L4720.0	504719.7	5410326.0	35635.39844	363.65	0	48.845887	-86.935670	56228.18	56237.9	12.09	56240.27	56241.34766	56270.08907	56269.79688	504719.7	5410326.0
L4720.0	504719.7	5410326.0	35635.50000	361.91	0	48.845887	-86.935670	56229.18	56237.9	12.09	56241.27	56242.40625	56278.13786	56277.86328	504719.7	5410326.0
L4720.0	504719.7	5410328.2	35635.60156	362.20	0	48.845907	-86.935670	56229.75	56237.9	12.09	56241.83	56243.01953	56275.18510	56274.92578	504719.7	5410328.2
L4720.0	504719.7	5410328.2	35635.69922	360.74	0	48.845907	-86.935670	56230.26	56237.9	12.08	56242.34	56243.58594	56271.02218	56270.78125	504719.7	5410328.2
L4720.0	504719.7	5410329.6	35635.80078	359.68	0	48.845919	-86.935670	56230.93	56237.9	12.08	56243.00	56244.29688	56270.66962	56270.44141	504719.7	5410329.6
L4720.0	504719.7	5410331.0	35635.89844	360.20	0	48.845932	-86.935670	56231.62	56237.9	12.07	56243.69	56245.03906	56271.11260	56270.89844	504719.7	5410331.0
L4720.0	504719.7	5410332.5	35636.00000	359.83	0	48.845945	-86.935670	56232.36	56237.9	12.07	56244.43	56245.83203	56272.85185	56272.64844	504719.7	5410332.5
L4720.0	504719.7	5410332.5	35636.00000	359.83	0	48.845945	-86.935670	56233.28	56237.9	12.07	56245.35	56246.80469	56279.15031	56278.95313	504719.7	5410332.5
L4720.0	504719.7	5410334.5	35636.19922	361.18	0	48.845964	-86.935670	56233.86	56237.9	12.07	56245.93	56247.43359	56276.94918	56276.76172	504719.7	5410334.5
L4720.0	504719.7	5410336.3	35636.30078	362.64	0	48.845979	-86.935670	56234.50	56237.9	12.07	56246.57	56248.12500	56276.29131	56276.11328	504719.7	5410336.3
L4720.0	504719.7	5410336.3	35636.39844	363.61	0	48.845979	-86.935670	56235.08	56237.9	12.07	56247.16	56248.76563	56274.41331	56274.24219	504719.7	5410336.3
L4720.0	504719.7	5410338.5	35636.50000	362.47	0	48.845999	-86.935670	56235.61	56237.9	12.08	56247.68	56249.33203	56270.81177	56270.64063	504719.7	5410338.5
L4720.0	504719.7	5410340.2	35636.60156	359.97	0	48.846015	-86.935670	56236.48	56237.9	12.08	56248.56	56250.26172	56276.28304	56276.11719	504719.7	5410340.2
L4720.0	504719.7	5410340.2	35636.69922	363.68	0	48.846015	-86.935670	56237.23	56237.9	12.08	56249.31	56251.05859	56278.52194	56278.35938	504719.7	5410340.2
L4720.0	504719.7	5410341.8	35636.80078	364.15	0	48.846029	-86.935670	56237.82	56237.9	12.08	56249.90	56251.69531	56276.77415	56276.61328	504719.7	5410341.8
L4720.0	504719.7	5410341.8	35636.89844	363.38	0	48.846029	-86.935670	56238.63	56237.9	12.08	56250.71	56252.55078	56280.58067	56280.41797	504719.7	5410341.8
L4720.0	504719.8	5410343.5	35637.00000	363.38	0	48.846045	-86.935670	56239.38	56237.9	12.08	56251.46	56253.34766	56282.90971	56282.74609	504719.8	5410343.5
L4720.0	504719.8	5410345.3	35637.00000	361.88	0	48.846060	-86.935670	56239.88	56237.9	12.08	56251.96	56253.89063	56278.98945	56278.82422	504719.8	5410345.3
L4720.0	504719.8	5410347.3	35637.10156	362.61	0	48.846079	-86.935669	56240.57	56237.9	12.08	56252.65	56254.62500	56279.86773	56279.69922	504719.8	5410347.3
L4720.0	504719.8	5410347.3	35637.30078	363.25	0	48.846079	-86.935669	56241.26	56237.9	12.07	56253.33	56255.35156	56280.52175	56280.35156	504719.8	5410347.3
L4720.0	504719.8	5410349.1	35637.39844	364.28	0	48.846095	-86.935669	56242.03	56237.9	12.07	56254.10	56256.16406	56283.46193	56283.28516	504719.8	5410349.1
L4720.0	504719.8	5410349.1	35637.50000	363.29	0	48.846095	-86.935669	56242.77	56237.9	12.07	56254.83	56256.93359	56285.42334	56285.24219	504719.8	5410349.1
L4720.0	504719.8	5410350.6	35637.60156	361.33	0	48.846108	-86.935669	56243.61	56237.9	12.06	56255.67	56257.81641	56290.17204	56289.98047	504719.8	5410350.6
L4720.0	504719.8	5410352.1	35637.69922	360.97	0	48.846122	-86.935669	56243.97	56237.9	12.06	56256.03	56258.21875	56282.89244	56282.69531	504719.8	5410352.1
L4720.0	504719.8	5410353.5	35637.80078	360.36	0	48.846135	-86.935669	56244.70	56237.9	12.06	56256.76	56258.98828	56284.92801	56284.72266	504719.8	5410353.5
L4720.0	504719.8	5410353.5	35637.89844	360.99	0	48.846135	-86.935669	56245.55	56237.9	12.05	56257.60	56259.86719	56289.74975	56289.53516	504719.8	5410353.5
L4720.0	504719.8	5410355.0	35638.00000	360.99	0	48.846148	-86.935669	56246.06	56237.9	12.05	56258.11	56260.41406	56286.30880	56286.08594	504719.8	5410355.0
L4720.0	504719.8	5410357.2	35638.10156	358.23	0	48.846168	-86.935668	56246.93	56238	12.05	56258.98	56261.32422	56291.93117	56291.69531	504719.8	5410357.2
L4720.0	504719.8	5410357.2	35638.19922	357.64	0	48.846168	-86.935668	56247.31	56238	12.05	56259.35	56261.73047	56285.02179	56284.77734	504719.8	5410357.2
L4720.0	504719.9	5410358.7	35638.30078	357.77	0	48.846182	-86.935668	56248.03	56238	12.04	56260.07	56262.48828	56286.92444	56286.66797	504719.9	5410358.7
L4720.0	504719.9	5410360.5	35638.39844	359.85	0	48.846197	-86.935668	56248.69	56238	12.04	56260.73	56263.18359	56287.34386	56287.07422	504719.9	5410360.5
L4720.0	504719.9	5410362.0	35638.50000	360.06	0	48.846211	-86.935668	56249.35	56238	12.04	56261.39	56263.87891	56287.78674	56287.50391	504719.9	5410362.0
L4720.0	504719.9	5410362.0	35638.60156	359.07	0	48.846211	-86.935668	56250.20	56238	12.04	56262.24	56264.76563	56293.02418	56292.72656	504719.9	5410362.0
L4720.0	504719.9	5410363.5	35638.69922	359.93	0	48.846225	-86.935668	56250.82	56238	12.04	56262.86	56265.41797	56292.50999	56292.19922	504719.9	5410363.5
L4720.0	504719.9	5410365.2	35638.80078	361.33	0	48.846240	-86.935668	56251.68	56238	12.03	56263.71	56266.30469	56297.79522	56297.46875	504719.9	5410365.2
L4720.0	504719.9	5410365.2	35638.89844	362.02	0	48.846240	-86.935668	56252.17	56238	12.03	56264.20	56266.82813	56294.06502	56293.72266	504719.9	5410365.2
L4720.0	504719.9	5410367.2	35639.00000	362.02	0	48.846258	-86.935668	56252.82	56238	12.03	56264.85	56267.50781	56294.37718	56294.01953	504719.9	5410367.2
L4720.0	504719.9	5410368.8	35639.00000	362.01	0	48.846272	-86.935668	56253.59	56238	12.03	56265.62	56268.31250	56297.72771	56297.35156	504719.9	5410368.8
L4720.0	504719.9	5410368.8	35639.19922	360.28	0	48.846272	-86.935668	56254.05	56238	12.03	56266.07	56268.79297	56293.06850	56292.67578	504719.9	5410368.8
L4720.0	504719.9	5410370.6	35639.30078	360.98	0	48.846288	-86.935667	56254.82	56238	12.03	56266.84	56269.59375	56296.47075	56296.06250	504719.9	5410370.6
L4720.0	504719.9	5410372.3	35639.39844	359.94	0	48.846304	-86.935667	56255.55	56238	12.03	56267.58	56270.36328	56299.14642	56298.71875	504719.9	5410372.3
L4720.0	504719.9	5410372.3	35639.50000	359.00	0	48.846304	-86.935667	56256.35	56238	12.02	56268.37	56271.18359	56303.10496	56302.65625	504719.9	5410372.3
L4720.0	504719.9	5410374.7	35639.60156	359.68	0	48.846325	-86.935667	56256.98	56238	12.02	56269.00	56271.83984	56303.07391	56302.60938	504719.9	5410374.7
L4720.0	504719.9	5410376.2	35639.69922	359.93	0	48.846338	-86.935667	56257.54	56238	12.02	56269.57	56272.43750	56301.56504	56301.08203	504719.9	5410376.2
L4720.0	504719.9	5410377.6	35639.80078	360.06	0	48.846351	-86.935668	56258.16	56238	12.02	56270.18	56273.07813	56301.09019	56300.58594	504719.9	5410377.6
L4720.0	504719.9	5410377.6	35639.89844	362.56	0	48.846351	-86.935668	56258.98	56238	12.02	56271.00	56273.92188	56305.91898	56305.39453	504719.9	5410377.6
L4720.0	504719.9	5410379.4	35640.00000	362.56	0	48.846368	-86.935668	56259.62	56238	12.02	56271.64	56274.58984	56306.25923	56305.71484	504719.9	5410379.4
L4720.0	504719.9	5410380.9	35640.10156	361.59	0	48.846381	-86.935668	56260.43	56238	12.02	56272.45	56275.42578	56310.90054	56310.33594	504719.9	5410380.9
L4720.0	504719.9	5410382.0	35640.19922	361.21	0	48.846391	-86.935668	56260.84	56238	12.03	56272.86	56275.85938	56305.53094	56304.94531	504719.9	5410382.0
L4720.0	504719.9	5410382.0	35640.30078	360.19	0	48.846391	-86.935668	56261.38	56238	12.03	56273.41	56276.43359	56303.71108	56303.10547	504719.9	5410382.0
L4720.0	504719.9	5410384.2	35640.39844	362.67	0	48.846411	-86.935667	56262.03	56238	12.03	56274.06	56277.10938	56304.43761	56303.80859	504719.9	5410384.2
L4720.0	504719.9	5410384.2	35640.50000	362.23	0	48.846411	-86.935667	56262.70	56238	12.04	56274.73	56277.80078	56305.70279	56305.05078	504719.9	5410384.2
L4720.0	504719.9	5410386.1	35640.60156	362.33	0	48.846428	-86.935667	56263.36	56238	12.04	56275.40	56278.49219	56307.00555	56306.33203	504719.9	5410386.1
L4720.0	504719.9	5410387.3	35640.69922	359.54	0	48.846439	-86.935667	56263.98	56238	12.04	56276.02	56279.13672	56307.09155	56306.39844	504719.9	5410387.3
L4720.0	504719.9	5410389.2	35640.80078	358.63	0	48.846456	-86.935667	56264.89	56238	12.04	56276.93	56280.06641	56314.49953	56313.78125	504719.9	5410389.2
L4720.0	504719.9	5410389.2	35640.89844	358.71	0	48.846456	-86.935667	56265.43	56238	12.05	56277.48	56280.63672	56312.90895	56312.16797	504719.9	5410389.2
L4720.0	504719.9	5410390.9	35641.00000	358.71	0	48.846471	-86.935667	56265.91	56237.9	12.05	56277.96	56281.13672	56309.60312	56308.83984	504719.9	5410390.9
L4720.0	504719.9	5410390.9	35641.00000	358.17	0	48.846471	-86.935667	56266.48	56237.9	12.05	56278.53	56281.72656	56308.60097	56307.81641	504719.9	5410390.9
L4720.0	504719.9	5410392.4	35641.19922	357.11	0	48.846485	-86.935667	56267.29	56238	12.04	56279.33	56282.54297	56313.41929	56312.60938	504719.9	5410392.4
L4720.0	504719.9	5410394.3	35641.30078	359.67	0	48.846501	-86.935668	56267.66	56238	12.04	56279.69	56282.92188	56307.23544	56306.40625	504719.9	5410394.3
L4720.0	504719.9	5410396.1	35641.39844	361.07	0	48.846517	-86.935668	56268.59	56238	12.03	56280.62	56283.87109	56315.41231	56314.55859	504719.9	5410396.1
L4720.0	504719.9	5410396.1	35641.50000	362.55	0	48.846517	-86.935668	56268.98	56238	12.03	56281.00	56284.26563	56309.82760	56308.94922	504719.9	5410396.1
L4720.0	504719.9	5410397.9	35641.60156	361.58	0	48.846533	-86.935668	56269.69	56238	12.02	56281.71	56284.99219	56312.57987	56311.67578	504719.9	5410397.9
L4720.0	504719.9	5410399.6	35641.69922	361.67	0	48.846549	-86.935668	56270.36	56238	12.01	56282.37	56285.66797	56314.12858	56313.20313	504719.9	5410399.6
L4720.0	504719.9	5410399.6	35641.80078	360.54	0	48.846549	-86.935668	56271.13	56238	12.01	56283.14	56286.45313	56318.49282	56317.54297	504719.9	5410399.6
L4720.0	504719.9	5410401.6	35641.89844	361.98	0	48.846567	-86.935668	56271.63	56238	12.00	56283.64	56286.96875	56316.13206	56315.16016	504719.9	5410401.6
L4720.0	504719.9	5410402.7	35642.00000	362.13	0	48.846577	-86.935668	56272.42	56238	12.00	56284.42	56287.76172	56320.85846	56319.86328	504719.9	5410402.7
L4720.0	504719.9	5410404.2	35642.10156	361.74	0	48.846591	-86.935668	56273.03	56238	12.00	56285.03	56288.38281	56321.37378	56320.35156	504719.9	5410404.2
L4720.0	504719.9	5410405.9	35642.19922	360.33	0	48.846606	-86.935668	56273.57	56238	12.00	56285.58	56288.94531	56320.44162	56319.39844	504719.9	5410405.9
L4720.0	504719.9	5410405.9	35642.30078	359.73	0	48.846606	-86.935668	56274.16	56238	12.01	56286.17	56289.54688	56320.57445	56319.50781	504719.9	5410405.9
L4720.0	504719.9	5410407.4	35642.39844	360.17	0	48.846619	-86.935668	56274.59	56238	12.01	56286.60	56289.98828	56316.75165	56315.66016	504719.9	5410407.4
L4720.0	504719.9	5410407.4	35642.50000	361.70	0	48.846619	-86.935668	56275.36	56238	12.01	56287.36	56290.75781	56321.27874	56320.16406	504719.9	5410407.4
L4720.0	504719.9	5410409.6	35642.60156	360.56	0	48.846639	-86.935668	56276.13	56238	12.01	56288.14	56291.55078	56326.37294	56325.23438	504719.9	5410409.6
L4720.0	504719.9	5410411.1	35642.69922	358.71	0	48.846652	-86.935668	56276.51	56238	12.01	56288.52	56291.93750	56321.48929	56320.32422	504719.9	5410411.1
L4720.0	504719.9	5410411.1	35642.80078	358.78	0	48.846652	-86.935668	56277.20	56238	12.02	56289.21	56292.63672	56324.45759	56323.26953	504719.9	5410411.1
L4720.0	504719.9	5410412.6	35642.89844	359.71	0	48.846666	-86.935668	56277.73	56238	12.02	56289.75	56293.18359	56323.72846	56322.51953	504719.9	5410412.6
L4720.0	504719.9	5410414.5	35643.00000	359.71	0	48.846683	-86.935668	56278.52	56238	12.02	56290.54	56293.98047	56329.34743	56328.11328	504719.9	5410414.5
L4720.0	504719.9	5410415.9	35643.00000	359.49	0	48.846696	-86.935668	56279.16	56238	12.02	56291.18	56294.62891	56331.27170	56330.01172	504719.9	5410415.9
L4720.0	504719.9	5410415.9	35643.19922	359.13	0	48.846696	-86.935668	56279.62	56238	12.02	56291.64	56295.09375	56328.74929	56327.46875	504719.9	5410415.9
L4720.0	504719.8	5410417.4	35643.30078	355.40	0	48.846709	-86.935668	56279.77	56238	12.01	56291.79	56295.25000	56318.51716	56317.21094	504719.8	5410417.4
L4720.0	504719.8	5410417.4	35643.39844	360.45	0	48.846709	-86.935668	56280.74	56238	12.01	56292.75	56296.21484	56328.70028	56327.37109	504719.8	5410417.4
L4720.0	504719.8	5410419.4	35643.50000	359.50	0	48.846727	-86.935668	56281.36	56238	12.01	56293.37	56296.83984	56330.42291	56329.07031	504719.8	5410419.4
L4720.0	504719.9	5410421.1	35643.60156	359.25	0	48.846743	-86.935668	56281.84	56238	12.01	56293.84	56297.31250	56328.45726	56327.08203	504719.9	5410421.1

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4720.0	504719.9	5410422.7	35643.69922	359.34	0	48.846757	-86.935667	56282.40	56238	12.01	56294.41	56297.88672	56329.08214	56327.68359	504719.9	5410422.7
L4720.0	504719.9	5410424.3	35643.80078	359.59	0	48.846771	-86.935667	56283.02	56238	12.00	56295.02	56298.49609	56330.79208	56329.37109	504719.9	5410424.3
L4720.0	504719.9	5410424.3	35643.89844	360.34	0	48.846771	-86.935667	56283.29	56238	12.00	56295.29	56298.76953	56324.04624	56322.60547	504719.9	5410424.3
L4720.0	504719.9	5410426.3	35644.00000	360.34	0	48.846790	-86.935667	56284.04	56238	12.00	56296.04	56299.51953	56329.43625	56327.97266	504719.9	5410426.3
L4720.0	504719.9	5410427.9	35644.10156	359.04	0	48.846804	-86.935667	56284.63	56238	12.00	56296.62	56300.10156	56330.64139	56329.15234	504719.9	5410427.9
L4720.0	504719.9	5410427.9	35644.19922	358.96	0	48.846804	-86.935667	56285.18	56238	12.00	56297.18	56300.66016	56331.42919	56329.92188	504719.9	5410427.9
L4720.0	504719.9	5410429.8	35644.30078	356.95	0	48.846821	-86.935667	56285.90	56238	11.99	56297.89	56301.37109	56336.06941	56334.53906	504719.9	5410429.8
L4720.0	504719.9	5410431.3	35644.39844	356.99	0	48.846834	-86.935667	56286.36	56238	11.99	56298.35	56301.82813	56334.51876	56332.96484	504719.9	5410431.3
L4720.0	504719.9	5410431.3	35644.50000	358.15	0	48.846834	-86.935667	56286.99	56238	11.99	56298.98	56302.45703	56337.32447	56335.75000	504719.9	5410431.3
L4720.0	504719.9	5410432.9	35644.60156	359.40	0	48.846849	-86.935666	56287.36	56238	11.99	56299.35	56302.82422	56333.68989	56332.09375	504719.9	5410432.9
L4720.0	504720.0	5410434.5	35644.69922	359.16	0	48.846863	-86.935666	56287.96	56238	11.99	56299.95	56303.42188	56335.91985	56334.30469	504720.0	5410434.5
L4720.0	504720.0	5410434.5	35644.80078	361.20	0	48.846863	-86.935666	56288.76	56238	11.98	56300.74	56304.21094	56343.01064	56341.37500	504720.0	5410434.5
L4720.0	504720.0	5410436.7	35644.89844	362.20	0	48.846883	-86.935666	56289.12	56238	11.98	56301.10	56304.56641	56339.39445	56337.73828	504720.0	5410436.7
L4720.0	504720.0	5410437.7	35645.00000	362.20	0	48.846892	-86.935665	56289.68	56238	11.98	56301.66	56305.12109	56340.89141	56339.21484	504720.0	5410437.7
L4720.0	504720.0	5410439.5	35645.00000	360.56	0	48.846908	-86.935665	56290.21	56238	11.98	56302.20	56305.65625	56341.97776	56340.28125	504720.0	5410439.5
L4720.0	504720.0	5410439.5	35645.19922	361.52	0	48.846908	-86.935665	56290.72	56238	11.98	56302.70	56306.14844	56342.15176	56340.43359	504720.0	5410439.5
L4720.0	504720.0	5410441.1	35645.30078	359.15	0	48.846922	-86.935665	56291.26	56238	11.98	56303.24	56306.68359	56343.42265	56341.68750	504720.0	5410441.1
L4720.0	504720.0	5410442.6	35645.39844	359.77	0	48.846936	-86.935665	56291.69	56238	11.98	56303.67	56307.10547	56342.02420	56340.26953	504720.0	5410442.6
L4720.0	504720.1	5410444.1	35645.50000	362.07	0	48.846949	-86.935665	56292.00	56238	11.98	56303.98	56307.41016	56337.70560	56335.92969	504720.1	5410444.1
L4720.0	504720.1	5410444.1	35645.60156	362.66	0	48.846949	-86.935665	56292.71	56238	11.97	56304.68	56308.10156	56343.27337	56341.48047	504720.1	5410444.1
L4720.0	504720.1	5410445.8	35645.69922	362.71	0	48.846965	-86.935664	56293.14	56238	11.97	56305.11	56308.52344	56342.15478	56340.34375	504720.1	5410445.8
L4720.0	504720.1	5410447.1	35645.80078	362.97	0	48.846976	-86.935664	56293.86	56238	11.97	56305.83	56309.23438	56348.41176	56346.58203	504720.1	5410447.1
L4720.0	504720.1	5410448.5	35645.89844	361.47	0	48.846989	-86.935664	56294.17	56238	11.97	56306.14	56309.53516	56344.46703	56342.62109	504720.1	5410448.5
L4720.0	504720.1	5410448.5	35646.00000	361.47	0	48.846989	-86.935664	56294.45	56238	11.97	56306.42	56309.80469	56339.86251	56338.00000	504720.1	5410448.5
L4720.0	504720.1	5410449.8	35646.00000	361.95	0	48.847001	-86.935664	56295.04	56238	11.97	56307.01	56310.38281	56343.13564	56341.25391	504720.1	5410449.8
L4720.0	504720.1	5410451.5	35646.19922	360.45	0	48.847016	-86.935664	56295.55	56238	11.96	56307.51	56310.87109	56344.24206	56342.34375	504720.1	5410451.5
L4720.0	504720.1	5410453.3	35646.30078	362.14	0	48.847032	-86.935663	56296.18	56238	11.96	56308.14	56311.49219	56348.70582	56346.79297	504720.1	5410453.3
L4720.0	504720.1	5410453.3	35646.39844	361.63	0	48.847032	-86.935663	56296.80	56238	11.95	56308.75	56312.08984	56352.76006	56350.83203	504720.1	5410453.3
L4720.0	504720.1	5410455.5	35646.50000	353.86	0	48.847052	-86.935663	56297.11	56238	11.95	56309.06	56312.38672	56349.37349	56347.42969	504720.1	5410455.5
L4720.0	504720.1	5410456.9	35646.60156	352.88	0	48.847064	-86.935663	56297.41	56238.1	11.95	56309.35	56312.66406	56345.57657	56343.61719	504720.1	5410456.9
L4720.0	504720.2	5410458.6	35646.69922	362.34	0	48.847080	-86.935663	56297.88	56238.1	11.94	56309.82	56313.12109	56346.39089	56344.41797	504720.2	5410458.6
L4720.0	504720.2	5410458.6	35646.80078	362.35	0	48.847080	-86.935663	56298.27	56238.1	11.94	56310.21	56313.49609	56345.28716	56343.29688	504720.2	5410458.6
L4720.0	504720.2	5410460.1	35646.89844	364.49	0	48.847093	-86.935663	56299.04	56238.1	11.93	56310.98	56314.25391	56353.81556	56351.81250	504720.2	5410460.1
L4720.0	504720.2	5410461.3	35647.00000	364.49	0	48.847104	-86.935663	56299.44	56238.1	11.93	56311.37	56314.62891	56352.89146	56350.87500	504720.2	5410461.3
L4720.0	504720.2	5410461.3	35647.00000	363.65	0	48.847104	-86.935663	56299.48	56238.1	11.93	56311.41	56314.65234	56343.26741	56341.23828	504720.2	5410461.3
L4720.0	504720.2	5410463.4	35647.10156	363.90	0	48.847123	-86.935663	56300.06	56238.1	11.93	56312.00	56315.22656	56347.54197	56345.50000	504720.2	5410463.4
L4720.0	504720.2	5410465.1	35647.30078	364.37	0	48.847138	-86.935663	56300.70	56238.1	11.94	56312.64	56315.85156	56353.15906	56351.10547	504720.2	5410465.1
L4720.0	504720.2	5410465.1	35647.39844	364.85	0	48.847138	-86.935663	56300.88	56238.1	11.94	56312.82	56316.01563	56347.31142	56345.24609	504720.2	5410465.1
L4720.0	504720.2	5410466.8	35647.50000	363.42	0	48.847154	-86.935662	56301.31	56238.1	11.94	56313.25	56316.42969	56347.82644	56345.75000	504720.2	5410466.8
L4720.0	504720.2	5410468.8	35647.60156	363.37	0	48.847172	-86.935662	56301.72	56238.1	11.94	56313.66	56316.82031	56347.92327	56345.83594	504720.2	5410468.8
L4720.0	504720.2	5410468.8	35647.69922	364.33	0	48.847172	-86.935662	56302.23	56238.1	11.94	56314.17	56317.31250	56350.61403	56348.51563	504720.2	5410468.8
L4720.0	504720.2	5410470.6	35647.80078	364.19	0	48.847188	-86.935662	56302.64	56238.1	11.95	56314.59	56317.71484	56351.12660	56349.01563	504720.2	5410470.6
L4720.0	504720.2	5410472.4	35647.89844	364.32	0	48.847204	-86.935662	56302.97	56238.1	11.95	56314.92	56318.02734	56349.45976	56347.33984	504720.2	5410472.4
L4720.0	504720.2	5410472.4	35648.00000	364.32	0	48.847204	-86.935662	56303.28	56238.1	11.95	56315.23	56318.31641	56347.36996	56345.24219	504720.2	5410472.4
L4720.0	504720.2	5410473.9	35648.10156	358.71	0	48.847218	-86.935662	56303.92	56238.1	11.95	56315.86	56318.92969	56353.39344	56351.25391	504720.2	5410473.9
L4720.0	504720.2	5410475.4	35648.19922	357.71	0	48.847231	-86.935662	56304.32	56238.1	11.94	56316.26	56319.30859	56353.71810	56351.57031	504720.2	5410475.4
L4720.0	504720.2	5410475.4	35648.30078	359.66	0	48.847231	-86.935662	56304.79	56238.1	11.94	56316.73	56319.75781	56355.87567	56353.71875	504720.2	5410475.4
L4720.0	504720.2	5410477.6	35648.39844	360.74	0	48.847251	-86.935662	56304.98	56238.1	11.94	56316.92	56319.92969	56351.07604	56348.91406	504720.2	5410477.6
L4720.0	504720.2	5410479.4	35648.50000	360.88	0	48.847267	-86.935662	56305.45	56238.1	11.93	56317.38	56320.36719	56353.12845	56350.95703	504720.2	5410479.4
L4720.0	504720.2	5410481.1	35648.60156	359.61	0	48.847282	-86.935662	56305.93	56238.1	11.93	56317.86	56320.82813	56355.75377	56353.57422	504720.2	5410481.1
L4720.0	504720.2	5410481.1	35648.69922	357.43	0	48.847282	-86.935662	56306.14	56238.1	11.93	56318.07	56321.01563	56351.66840	56349.48438	504720.2	5410481.1
L4720.0	504720.2	5410482.7	35648.80078	359.08	0	48.847296	-86.935662	56306.32	56238.1	11.93	56318.25	56321.17578	56346.89724	56344.70313	504720.2	5410482.7
L4720.0	504720.2	5410484.6	35648.89844	359.27	0	48.847314	-86.935662	56306.88	56238.1	11.92	56318.80	56321.70313	56351.48281	56349.28516	504720.2	5410484.6
L4720.0	504720.2	5410484.6	35649.00000	359.27	0	48.847314	-86.935662	56307.19	56238.1	11.92	56319.11	56321.99219	56350.10608	56347.90234	504720.2	5410484.6
L4720.0	504720.2	5410486.0	35649.00000	360.11	0	48.847326	-86.935662	56307.46	56238.1	11.92	56319.38	56322.23828	56347.78742	56345.57813	504720.2	5410486.0
L4720.0	504720.2	5410487.7	35649.19922	361.43	0	48.847341	-86.935662	56307.97	56238.1	11.92	56319.90	56322.73438	56351.80713	56349.59375	504720.2	5410487.7
L4720.0	504720.2	5410487.7	35649.30078	362.13	0	48.847341	-86.935662	56308.31	56238.1	11.93	56320.24	56323.05078	56351.36597	56349.14453	504720.2	5410487.7
L4720.0	504720.2	5410489.4	35649.39844	362.21	0	48.847357	-86.935662	56308.66	56238.1	11.93	56320.59	56323.37891	56351.23312	56349.00781	504720.2	5410489.4
L4720.0	504720.2	5410490.9	35649.50000	362.98	0	48.847371	-86.935662	56308.99	56238.1	11.93	56320.92	56323.68359	56350.65346	56348.42578	504720.2	5410490.9
L4720.0	504720.2	5410492.8	35649.60156	360.82	0	48.847388	-86.935662	56309.38	56238.1	11.93	56321.31	56324.05078	56351.63400	56349.40234	504720.2	5410492.8
L4720.0	504720.2	5410492.8	35649.69922	359.86	0	48.847388	-86.935662	56309.81	56238.1	11.93	56321.74	56324.45703	56353.67067	56351.43359	504720.2	5410492.8
L4720.0	504720.2	5410494.6	35649.80078	361.16	0	48.847403	-86.935662	56310.09	56238.1	11.94	56322.03	56324.72266	56352.24173	56350.00000	504720.2	5410494.6
L4720.0	504720.2	5410496.1	35649.89844	361.37	0	48.847417	-86.935662	56310.38	56238.1	11.94	56322.31	56324.97656	56350.60964	56348.36719	504720.2	5410496.1
L4720.0	504720.2	5410496.1	35650.00000	362.23	0	48.847417	-86.935662	56310.70	56238.1	11.94	56322.64	56325.28125	56350.27913	56348.03125	504720.2	5410496.1
L4720.0	504720.2	5410498.0	35650.10156	360.57	0	48.847434	-86.935662	56311.14	56238.1	11.94	56323.08	56325.69531	56352.75491	56350.50391	504720.2	5410498.0
L4720.0	504720.2	5410499.6	35650.19922	358.28	0	48.847449	-86.935662	56311.52	56238.1	11.94	56323.46	56326.05078	56353.76627	56351.51563	504720.2	5410499.6
L4720.0	504720.2	5410499.6	35650.30078	357.34	0	48.847449	-86.935662	56311.72	56238.1	11.94	56323.66	56326.22656	56350.29803	56348.04297	504720.2	5410499.6
L4720.0	504720.2	5410501.3	35650.39844	358.96	0	48.847464	-86.935662	56312.18	56238.1	11.94	56324.12	56326.66016	56353.39683	56351.14063	504720.2	5410501.3
L4720.0	504720.2	5410502.4	35650.50000	358.26	0	48.847474	-86.935662	56312.77	56238.1	11.94	56324.71	56327.22266	56359.79636	56357.53516	504720.2	5410502.4
L4720.0	504720.2	5410503.7	35650.60156	357.53	0	48.847486	-86.935662	56313.10	56238.1	11.93	56325.03	56327.51563	56359.45049	56357.18750	504720.2	5410503.7
L4720.0	504720.2	5410503.7	35650.69922	358.55	0	48.847486	-86.935662	56313.39	56238.1	11.93	56325.32	56327.78125	56358.38375	56356.12109	504720.2	5410503.7
L4720.0	504720.2	5410505.5	35650.80078	357.59	0	48.847502	-86.935662	56313.41	56238.1	11.93	56325.34	56327.77344	56350.56768	56348.30078	504720.2	5410505.5
L4720.0	504720.2	5410507.0	35650.89844	357.46	0	48.847516	-86.935662	56314.07	56238.1	11.93	56326.00	56328.40625	56358.85078	56356.58203	504720.2	5410507.0
L4720.0	504720.2	5410508.5	35651.00000	357.46	0	48.847529	-86.935662	56314.33	56238.1	11.93	56326.26	56328.64063	56357.11624	56354.84766	504720.2	5410508.5
L4720.0	504720.2	5410508.5	35651.00000	358.58	0	48.847529	-86.935662	56314.61	56238.1	11.93	56326.54	56328.89063	56355.90846	56353.63672	504720.2	5410508.5
L4720.0	504720.2	5410510.2	35651.19922	361.27	0	48.847544	-86.935662	56314.84	56238.1	11.93	56326.77	56329.09375	56353.46775	56351.19531	504720.2	5410510.2
L4720.0	504720.2	5410512.3	35651.30078	363.28	0	48.847563	-86.935662	56315.32	56238.1	11.93	56327.25	56329.54688	56357.32526	56355.05078	504720.2	5410512.3
L4720.0	504720.2	5410512.3	35651.39844	364.26	0	48.847563	-86.935662	56315.75	56238.1	11.93	56327.68	56329.94531	56359.94588	56357.66797	504720.2	5410512.3
L4720.0	504720.2	5410513.7	35651.50000	363.35	0	48.847576	-86.935662	56315.86	56238.1	11.93	56327.79	56330.02734	56354.54785	56352.26953	504720.2	5410513.7
L4720.0	504720.2	5410515.5	35651.60156	363.35	0	48.847592	-86.935662	56316.22	56238.1	11.93	56328.15	56330.35938	56355.44214	56353.16016	504720.2	5410515.5
L4720.0	504720.2	5410517.2	35651.69922	362.08	0	48.847607	-86.935662	56316.62	56238.1	11.93	56328.55	56330.73047	56357.35361	56355.07031	504720.2	5410517.2
L4720.0	504720.2	5410518.7	35651.80078	364.87	0	48.847620	-86.935662	56316.70	56238.1	11.93	56328.63	56330.78125	56351.24055	56348.95703	504720.2	5410518.7
L4720.0	504720.2	5410518.7	35651.89844	364.48	0	48.847620	-86.935662	56317.04	56238.1	11.93	56328.97	56331.09375	56351.66506	56349.37891	504720.2	5410518.7
L4720.0	504720.2	5410518.7	35652.00000	364.48	0	48.847620	-86.935662	56317.36	56238.1	11.93	56329.29	56331.38281	56351.59430	56349.30469	504720.2	5410518.7
L4720.0	504720.2	5410520.4	35652.10156	361.67	0	48.847636	-86.935662	56317.92	56238.1	11.93	56329.85	56331.91406	56357.55504	56355.26172	504720.2	5410520.4
L4720.0	504720.2	5410521.9	35652.19922	360.50	0	48.847649	-86.935662	56318.26	56238.1	11.93	56330.19	56332.22266	56357.99457	56355.69922	504720.2	5410521.9
L4720.0	504720.2	5410523.4	35652.30078	362.62	0	48.847663	-86.935662	56318.59	56238.1	11.92	56330.51	56332.51172	56357.93306	56355.63281	504720.2	5410523.4
L4720.0	504720.2	5410523.4	35652.39844	362.35	0	48.847663	-86.935662	56318.70	56238.1	11.92	56330.62	56332.59375	56352.59765	56350.29297	504720.2	5410523.4
L4720.0	504720.2	5410525.4	35652.50000	361.19	0	48.847680	-86.935662	56319.25	56238.1	11.92	56331.17	56333.11328	56358.30821	56356.00000	504720.2	5410525.4
L4720.0	504720.2	5410527.1	35652.60156	360.75	0	48.847696	-86.935661	56319.59	56238.1	11.92	56331.50	56333.41016	56358.48999	56356.17578	504720.2	5410527.1
L4720.0	504720.2	5410527.1	35652.69922	362.69	0	48.847696	-86.935661	56319.82	56238.1	11.92	56331.73	56333.60938	56356.15437	56353.83594	504720.2	5410527.1
L4720.0	504720.2	5410529.1	35652.80078	363.00	0	48.847714	-86.935661	56319.92	56238.1	11.91	56331.83	56333.67969	56350.54620	56348.22266	504720.2	5410529.1
L4720.0	504720.2	5410530.8	35652.89844	364.10	0	48.847730	-86.935661	56320.40	56238.1	11.91	56332.31	56334.12891	56354.46995	56352.14063	504720.2	5410530.8

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4720.0	504720.2	5410532.3	35653.00000	364.10	0	48.847743	-86.935661	56320.61	56238.1	11.91	56332.52	56334.30859	56351.60202	56349.26563	504720.2	5410532.3
L4720.0	504720.2	5410532.3	35653.00000	363.41	0	48.847743	-86.935661	56320.82	56238.1	11.91	56332.73	56334.48438	56348.72041	56346.37500	504720.2	5410532.3
L4720.0	504720.2	5410534.2	35653.19922	361.61	0	48.847760	-86.935661	56321.27	56238.1	11.91	56333.18	56334.90234	56351.84983	56349.49609	504720.2	5410534.2
L4720.0	504720.2	5410535.8	35653.30078	362.05	0	48.847775	-86.935661	56321.75	56238.1	11.91	56333.66	56335.35156	56355.71533	56353.35547	504720.2	5410535.8
L4720.0	504720.2	5410535.8	35653.39844	359.39	0	48.847775	-86.935661	56322.02	56238.1	11.91	56333.93	56335.58984	56354.28862	56351.91797	504720.2	5410535.8
L4720.0	504720.2	5410537.9	35653.50000	359.32	0	48.847793	-86.935661	56322.37	56238.1	11.91	56334.28	56335.90625	56354.85000	56352.46875	504720.2	5410537.9
L4720.0	504720.2	5410539.4	35653.60156	358.78	0	48.847806	-86.935661	56322.72	56238.1	11.91	56334.63	56336.22266	56355.38889	56352.99609	504720.2	5410539.4
L4720.0	504720.2	5410539.4	35653.69922	359.43	0	48.847806	-86.935661	56322.95	56238.1	11.91	56334.86	56336.42188	56352.89034	56350.48828	504720.2	5410539.4
L4720.0	504720.2	5410541.2	35653.80078	359.65	0	48.847823	-86.935661	56323.36	56238.1	11.91	56335.27	56336.79688	56354.88578	56352.47266	504720.2	5410541.2
L4720.0	504720.2	5410543.1	35653.89844	360.21	0	48.847840	-86.935661	56323.90	56238.1	11.91	56335.81	56337.30469	56360.11803	56357.69141	504720.2	5410543.1
L4720.0	504720.2	5410544.5	35654.00000	360.21	0	48.847853	-86.935661	56323.93	56238.1	11.91	56335.84	56337.30078	56352.51475	56350.07422	504720.2	5410544.5
L4720.0	504720.2	5410544.5	35654.10156	360.76	0	48.847853	-86.935661	56324.48	56238.1	11.91	56336.39	56337.81641	56357.93806	56355.48438	504720.2	5410544.5
L4720.0	504720.2	5410546.0	35654.19922	360.64	0	48.847866	-86.935661	56324.84	56238.1	11.91	56336.75	56338.14453	56358.55793	56356.08594	504720.2	5410546.0
L4720.0	504720.2	5410546.0	35654.30078	362.13	0	48.847866	-86.935661	56325.33	56238.1	11.91	56337.24	56338.59766	56362.40811	56359.92188	504720.2	5410546.0
L4720.0	504720.2	5410548.0	35654.39844	361.80	0	48.847884	-86.935661	56325.40	56238.1	11.91	56337.31	56338.63281	56355.67631	56353.17188	504720.2	5410548.0
L4720.0	504720.2	5410549.7	35654.50000	361.56	0	48.847899	-86.935661	56325.79	56238.1	11.91	56337.70	56338.98828	56356.94269	56354.42188	504720.2	5410549.7
L4720.0	504720.3	5410551.2	35654.60156	359.61	0	48.847913	-86.935661	56326.20	56238.1	11.91	56338.11	56339.36328	56358.67259	56356.13281	504720.3	5410551.2
L4720.0	504720.3	5410551.2	35654.69922	360.04	0	48.847913	-86.935661	56326.63	56238.1	11.91	56338.54	56339.75781	56360.86451	56358.30469	504720.3	5410551.2
L4720.0	504720.3	5410552.9	35654.80078	360.32	0	48.847928	-86.935660	56326.81	56238.1	11.91	56338.72	56339.90234	56356.73717	56354.15625	504720.3	5410552.9
L4720.0	504720.3	5410555.0	35654.89844	358.47	0	48.847947	-86.935660	56327.12	56238.1	11.91	56339.03	56340.17969	56355.83105	56353.22656	504720.3	5410555.0
L4720.0	504720.3	5410555.0	35655.00000	358.47	0	48.847947	-86.935660	56327.70	56238.1	11.91	56339.61	56340.72266	56361.66020	56359.03516	504720.3	5410555.0
L4720.0	504720.3	5410557.1	35655.00000	360.13	0	48.847966	-86.935660	56327.81	56238.1	11.91	56339.72	56340.79688	56355.64148	56352.99219	504720.3	5410557.1
L4720.0	504720.3	5410558.8	35655.19922	359.59	0	48.847981	-86.935660	56328.21	56238.1	11.91	56340.13	56341.17188	56357.10854	56354.43359	504720.3	5410558.8
L4720.0	504720.3	5410559.5	35655.30078	362.09	0	48.847988	-86.935660	56328.64	56238.1	11.91	56340.56	56341.56250	56359.02909	56356.32422	504720.3	5410559.5
L4720.0	504720.3	5410559.5	35655.39844	361.15	0	48.847988	-86.935660	56329.03	56238.1	11.91	56340.94	56341.90625	56359.64406	56356.91406	504720.3	5410559.5
L4720.0	504720.3	5410561.4	35655.50000	360.11	0	48.848004	-86.935660	56329.36	56238.1	11.92	56341.27	56342.19922	56358.95214	56356.19141	504720.3	5410561.4
L4720.0	504720.3	5410561.4	35655.60156	358.96	0	48.848004	-86.935660	56329.85	56238.1	11.92	56341.76	56342.65234	56362.22521	56359.43750	504720.3	5410561.4
L4720.0	504720.3	5410563.1	35655.69922	361.89	0	48.848020	-86.935660	56329.99	56238.1	11.92	56341.91	56342.76563	56356.90679	56354.08594	504720.3	5410563.1
L4720.0	504720.3	5410564.9	35655.80078	362.62	0	48.848036	-86.935660	56330.64	56238.1	11.92	56342.56	56343.37891	56364.08838	56361.23438	504720.3	5410564.9
L4720.0	504720.3	5410566.9	35655.89844	362.50	0	48.848054	-86.935660	56330.99	56238.1	11.92	56342.91	56343.69141	56363.68042	56360.79297	504720.3	5410566.9
L4720.0	504720.3	5410566.9	35656.00000	362.50	0	48.848054	-86.935660	56331.34	56238.1	11.92	56343.26	56344.00000	56363.21483	56360.29297	504720.3	5410566.9
L4720.0	504720.3	5410568.3	35656.00000	362.65	0	48.848067	-86.935659	56331.84	56238.1	11.92	56343.76	56344.46484	56366.45696	56363.49609	504720.3	5410568.3
L4720.0	504720.3	5410570.3	35656.19922	362.01	0	48.848085	-86.935659	56332.17	56238.1	11.92	56344.09	56344.75391	56365.37032	56362.37500	504720.3	5410570.3
L4720.0	504720.3	5410570.3	35656.30078	362.78	0	48.848085	-86.935659	56332.55	56238.1	11.92	56344.47	56345.09766	56365.47804	56362.44141	504720.3	5410570.3
L4720.0	504720.4	5410571.6	35656.39844	360.67	0	48.848096	-86.935659	56332.98	56238.1	11.92	56344.90	56345.48828	56366.77897	56363.70313	504720.4	5410571.6
L4720.0	504720.4	5410573.1	35656.50000	359.03	0	48.848110	-86.935659	56333.27	56238.1	11.93	56345.19	56345.73828	56364.50103	56361.38281	504720.4	5410573.1
L4720.0	504720.4	5410573.1	35656.60156	359.05	0	48.848110	-86.935659	56333.52	56238.1	11.93	56345.45	56345.95703	56361.40523	56358.24219	504720.4	5410573.1
L4720.0	504720.4	5410574.6	35656.69922	361.81	0	48.848123	-86.935659	56333.86	56238.1	11.93	56345.78	56346.25000	56360.00153	56356.79688	504720.4	5410574.6
L4720.0	504720.4	5410576.1	35656.80078	361.91	0	48.848137	-86.935659	56334.28	56238.1	11.93	56346.21	56346.63672	56361.04214	56357.78906	504720.4	5410576.1
L4720.0	504720.4	5410578.1	35656.89844	362.25	0	48.848155	-86.935659	56334.72	56238.1	11.93	56346.65	56347.03906	56362.26604	56358.96875	504720.4	5410578.1
L4720.0	504720.4	5410578.1	35657.00000	362.25	0	48.848155	-86.935659	56334.95	56238.1	11.93	56346.88	56347.22656	56358.14788	56354.80078	504720.4	5410578.1
L4720.0	504720.4	5410579.6	35657.00000	360.28	0	48.848169	-86.935658	56335.54	56238.1	11.93	56347.47	56347.77734	56362.99951	56359.60156	504720.4	5410579.6
L4720.0	504720.4	5410581.3	35657.10156	359.77	0	48.848183	-86.935658	56335.89	56238.1	11.93	56347.82	56348.08594	56361.75362	56358.30469	504720.4	5410581.3
L4720.0	504720.4	5410582.7	35657.30078	352.18	0	48.848196	-86.935658	56336.31	56238.1	11.93	56348.23	56348.45703	56361.94227	56358.44141	504720.4	5410582.7
L4720.0	504720.4	5410584.2	35657.39844	352.27	0	48.848210	-86.935658	56336.78	56238.1	11.93	56348.70	56348.88281	56363.56439	56360.00781	504720.4	5410584.2
L4720.0	504720.4	5410584.2	35657.50000	359.95	0	48.848210	-86.935658	56337.12	56238.1	11.92	56349.05	56349.19141	56362.09903	56358.48828	504720.4	5410584.2
L4720.0	504720.5	5410586.2	35657.60156	359.92	0	48.848228	-86.935657	56337.47	56238.1	11.92	56349.40	56349.50000	56360.55837	56356.89063	504720.5	5410586.2
L4720.0	504720.5	5410587.7	35657.69922	359.59	0	48.848241	-86.935657	56338.07	56238.1	11.92	56349.99	56350.05078	56364.96781	56361.24219	504720.5	5410587.7
L4720.0	504720.5	5410587.7	35657.80078	359.62	0	48.848241	-86.935657	56338.44	56238.1	11.92	56350.36	56350.37500	56363.77547	56359.98828	504720.5	5410587.7
L4720.0	504720.5	5410589.4	35657.89844	354.15	0	48.848257	-86.935657	56339.04	56238.1	11.92	56350.96	56350.93359	56368.27992	56364.43359	504720.5	5410589.4
L4720.0	504720.5	5410591.2	35658.00000	351.95	0	48.848273	-86.935657	56339.28	56238.1	11.92	56351.20	56351.13281	56363.66488	56359.75391	504720.5	5410591.2
L4720.0	504720.5	5410591.2	35658.10156	358.98	0	48.848273	-86.935657	56339.95	56238.1	11.92	56351.87	56351.76172	56369.76644	56365.79297	504720.5	5410591.2
L4720.0	504720.5	5410592.7	35658.19922	359.97	0	48.848286	-86.935657	56340.21	56238.1	11.92	56352.12	56351.96875	56365.23956	56361.19922	504720.5	5410592.7
L4720.0	504720.5	5410594.5	35658.30078	360.53	0	48.848302	-86.935657	56340.79	56238.1	11.91	56352.70	56352.50391	56368.91588	56364.80859	504720.5	5410594.5
L4720.0	504720.5	5410594.5	35658.39844	360.11	0	48.848302	-86.935657	56341.20	56238.1	11.91	56353.11	56352.87109	56368.23896	56364.06641	504720.5	5410594.5
L4720.0	504720.5	5410596.0	35658.50000	363.48	0	48.848316	-86.935656	56341.74	56238.1	11.91	56353.65	56353.36719	56370.74068	56366.50000	504720.5	5410596.0
L4720.0	504720.5	5410597.8	35658.60156	362.87	0	48.848332	-86.935656	56342.06	56238.1	11.91	56353.97	56353.64453	56367.63111	56363.32031	504720.5	5410597.8
L4720.0	504720.5	5410597.8	35658.69922	361.91	0	48.848332	-86.935656	56342.50	56238.1	11.91	56354.41	56354.04297	56367.44647	56363.06250	504720.5	5410597.8
L4720.0	504720.5	5410599.3	35658.80078	360.25	0	48.848345	-86.935656	56342.98	56238.1	11.90	56354.89	56354.47656	56368.17659	56363.71875	504720.5	5410599.3
L4720.0	504720.5	5410601.3	35658.89844	361.31	0	48.848364	-86.935656	56343.37	56238.1	11.90	56355.27	56354.81641	56366.30460	56361.77344	504720.5	5410601.3
L4720.0	504720.5	5410602.9	35659.00000	361.31	0	48.848378	-86.935656	56343.78	56238.1	11.90	56355.68	56355.17969	56365.09345	56360.48828	504720.5	5410602.9
L4720.0	504720.5	5410602.9	35659.00000	361.58	0	48.848378	-86.935656	56344.34	56238.1	11.90	56356.24	56355.69922	56367.55490	56362.87109	504720.5	5410602.9
L4720.0	504720.6	5410604.7	35659.19922	362.70	0	48.848394	-86.935656	56344.85	56238.1	11.90	56356.75	56356.16406	56368.66536	56363.90234	504720.6	5410604.7
L4720.0	504720.6	5410606.2	35659.19922	363.64	0	48.848408	-86.935656	56345.28	56238.1	11.90	56357.19	56356.55859	56367.92105	56363.07813	504720.6	5410606.2
L4720.0	504720.6	5410606.2	35659.30078	363.16	0	48.848408	-86.935656	56345.85	56238.1	11.91	56357.75	56357.07813	56370.09134	56365.16797	504720.6	5410606.2
L4720.0	504720.6	5410607.7	35659.39844	362.35	0	48.848421	-86.935656	56346.31	56238.1	11.91	56358.22	56357.50391	56369.90139	56364.89844	504720.6	5410607.7
L4720.0	504720.6	5410609.7	35659.50000	361.35	0	48.848439	-86.935655	56346.66	56238.1	11.91	56358.57	56357.80859	56366.59617	56361.51172	504720.6	5410609.7
L4720.0	504720.6	5410611.5	35659.60156	360.93	0	48.848456	-86.935655	56347.30	56238.1	11.91	56359.21	56358.40625	56370.46918	56365.30078	504720.6	5410611.5
L4720.0	504720.6	5410611.5	35659.69922	360.01	0	48.848456	-86.935655	56347.79	56238.1	11.91	56359.70	56358.85156	56370.47004	56365.21484	504720.6	5410611.5
L4720.0	504720.6	5410613.1	35659.80078	360.00	0	48.848470	-86.935655	56348.30	56238.1	11.92	56360.21	56359.31641	56370.86565	56365.52734	504720.6	5410613.1
L4720.0	504720.6	5410614.9	35659.89844	360.28	0	48.848486	-86.935655	56348.66	56238.1	11.92	56360.57	56359.63281	56367.38532	56361.96094	504720.6	5410614.9
L4720.0	504720.6	5410614.9	35660.00000	358.65	0	48.848486	-86.935655	56349.24	56238.1	11.92	56361.16	56360.17969	56369.56904	56364.05469	504720.6	5410614.9
L4720.0	504720.6	5410616.4	35660.10156	358.01	0	48.848499	-86.935655	56349.80	56238.1	11.92	56361.72	56360.69531	56370.88606	56365.28516	504720.6	5410616.4
L4720.0	504720.6	5410618.1	35660.30078	359.99	0	48.848515	-86.935655	56350.24	56238.1	11.91	56362.15	56361.08203	56368.82327	56363.12891	504720.6	5410618.1
L4720.0	504720.6	5410619.7	35660.39844	358.34	0	48.848529	-86.935655	56350.98	56238.1	11.91	56362.89	56361.77734	56374.42713	56368.64453	504720.6	5410619.7
L4720.0	504720.6	5410619.7	35660.50000	359.68	0	48.848529	-86.935655	56351.66	56238.1	11.91	56363.57	56362.41406	56378.40459	56372.53125	504720.6	5410619.7
L4720.0	504720.6	5410621.2	35660.60156	359.72	0	48.848543	-86.935655	56352.13	56238.1	11.91	56364.03	56362.83203	56376.73576	56370.76953	504720.6	5410621.2
L4720.0	504720.6	5410622.7	35660.69922	359.54	0	48.848557	-86.935655	56352.45	56238.1	11.91	56364.36	56363.11719	56371.67829	56365.61719	504720.6	5410622.7
L4720.0	504720.6	5410622.7	35660.80078	358.32	0	48.848557	-86.935655	56353.10	56238.1	11.90	56365.00	56363.71484	56374.27844	56368.12500	504720.6	5410622.7
L4720.0	504720.6	5410624.5	35660.89844	358.15	0	48.848572	-86.935655	56353.55	56238.1	11.90	56365.45	56364.12109	56371.97861	56365.73047	504720.6	5410624.5
L4720.0	504720.6	5410626.0	35661.00000	358.15	0	48.848586	-86.935655	56354.12	56238.1	11.90	56366.02	56364.64844	56372.56062	56366.21484	504720.6	5410626.0
L4720.0	504720.6	5410627.3	35661.00000	357.66	0	48.848597	-86.935655	56354.88	56238.1	11.90	56366.78	56365.36719	56377.77973	56371.33984	504720.6	5410627.3
L4720.0	504720.6	5410628.9	35661.19922	358.99	0	48.848612	-86.935656	56355.44	56238.1	11.90	56367.34	56365.88672	56377.84037	56371.30078	504720.6	5410628.9
L4720.0	504720.6	5410628.9	35661.30078	360.23	0	48.848612	-86.935656	56355.95	56238.1	11.89	56367.84	56366.34375	56376.25546	56369.61719	504720.6	5410628.9
L4720.0	504720.5	5410630.5	35661.39844	360.40	0	48.848627	-86.935656	56356.57	56238.1	11.89	56368.46	56366.92188	56377.54231	56370.80859	504720.5	5410630.5
L4720.0	504720.5	5410632.3	35661.50000	359.42	0	48.848643	-86.935656	56357.13	56238.1	11.89	56369.02	56367.43750	56377.17841	56370.34375	504720.5	5410632.3
L4720.0	504720.5	5410634.0	35661.60156	359.62	0	48.848657	-86.935656	56357.64	56238.1	11.89	56369.53	56367.90625	56375.41224	56368.47656	504720.5	5410634.0
L4720.0	504720.5	5410634.0	35661.69922	359.71	0	48.848657	-86.935656	56358.48	56238.1	11.89	56370.36	56368.69531	56381.53199	56374.49609	504720.5	5410634.0
L4720.0	504720.5	5410635.7	35661.80078	360.09	0	48.848673	-86.935656	56358.91	56238.1	11.88	56370.79	56369.08594	56377.45546	56370.32031	504720.5	5410635.7
L4720.0	504720.5	5410637.4	35661.89844	360.35	0	48.848688	-86.935657	56359.73	56238.1	11.88	56371.61	56369.86719	56383.01718	56375.77734	504720.5	5410637.4
L4720.0	504720.5	5410639.0	35662.00000	360.35	0	48.848703	-86.935657	56360.34	56238.1	11.88	56372.22	56370.43750	56383.14816	56375.80859	504720.5	5410639.0
L4720.0	504720.5	5410639.0	35662.10156	358.33	0	48.848703	-86.935657	56360.85	56238.1	11.88	56372.73	56370.90625	56380.60783	56373.16406	504720.5	5410639.0
L4720.0	504720.4	5410640.8	35662.19922	360.01	0	48.848719	-86.935657	56361.62	56238.1	11.88	56373.50	56371.63672	56384.43316	56376.88672	504720.4	5410640.8

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4720.0	504720.4	5410640.8	35662.30078	361.85	0	48.848719	-86.935657	56362.36	56238.1	11.88	56374.24	56372.33594	56387.33940	56379.68750	504720.4	5410640.8
L4720.0	504720.4	5410642.6	35662.39844	362.34	0	48.848735	-86.935657	56362.89	56238.1	11.88	56374.77	56372.82813	56384.80389	56377.04688	504720.4	5410642.6
L4720.0	504720.4	5410644.5	35662.50000	362.18	0	48.848753	-86.935657	56363.33	56238.1	11.88	56375.21	56373.23047	56379.83714	56371.97656	504720.4	5410644.5
L4720.0	504720.4	5410644.5	35662.60156	359.52	0	48.848753	-86.935657	56364.07	56238.1	11.88	56375.95	56373.93359	56382.22944	56374.26563	504720.4	5410644.5
L4720.0	504720.4	5410646.3	35662.69922	359.04	0	48.848769	-86.935658	56364.73	56238.1	11.88	56376.61	56374.55469	56382.43608	56374.36328	504720.4	5410646.3
L4720.0	504720.4	5410646.3	35662.80078	359.98	0	48.848769	-86.935658	56365.50	56238.1	11.88	56377.38	56375.28906	56385.22530	56377.04688	504720.4	5410646.3
L4720.0	504720.4	5410648.4	35662.89844	358.10	0	48.848787	-86.935658	56366.21	56238.1	11.88	56378.09	56375.96094	56386.32561	56378.04297	504720.4	5410648.4
L4720.0	504720.4	5410650.0	35663.00000	358.10	0	48.848801	-86.935658	56366.75	56238.1	11.88	56378.63	56376.46484	56382.97213	56374.58203	504720.4	5410650.0
L4720.0	504720.4	5410651.9	35663.00000	359.65	0	48.848819	-86.935658	56367.44	56238.1	11.88	56379.32	56377.12109	56383.19751	56374.69922	504720.4	5410651.9
L4720.0	504720.4	5410651.9	35663.19922	361.58	0	48.848819	-86.935658	56368.33	56238.1	11.88	56380.21	56377.97656	56388.25458	56379.64844	504720.4	5410651.9
L4720.0	504720.4	5410653.5	35663.30078	360.75	0	48.848833	-86.935658	56369.05	56238.1	11.88	56380.93	56378.66016	56388.84984	56380.13281	504720.4	5410653.5
L4720.0	504720.4	5410654.7	35663.39844	361.23	0	48.848844	-86.935658	56369.73	56238.1	11.88	56381.62	56379.31641	56388.49611	56379.67188	504720.4	5410654.7
L4720.0	504720.4	5410654.7	35663.50000	361.59	0	48.848844	-86.935658	56370.53	56238.1	11.89	56382.41	56380.07422	56390.45515	56381.52344	504720.4	5410654.7
L4720.0	504720.4	5410656.2	35663.60156	362.54	0	48.848858	-86.935658	56371.36	56238.1	11.89	56383.25	56380.88281	56393.46885	56384.42578	504720.4	5410656.2
L4720.0	504720.4	5410658.0	35663.69922	362.84	0	48.848874	-86.935658	56371.98	56238.1	11.89	56383.87	56381.46875	56390.75485	56381.60156	504720.4	5410658.0
L4720.0	504720.4	5410658.0	35663.80078	362.13	0	48.848874	-86.935658	56372.48	56238.1	11.89	56384.37	56381.93750	56384.82167	56375.55859	504720.4	5410658.0
L4720.0	504720.4	5410659.5	35663.89844	360.92	0	48.848887	-86.935658	56373.62	56238.1	11.89	56385.51	56383.04688	56394.75075	56385.37500	504720.4	5410659.5
L4720.0	504720.4	5410661.0	35664.00000	360.92	0	48.848900	-86.935658	56374.13	56238.1	11.89	56386.01	56383.51563	56388.39828	56378.91406	504720.4	5410661.0
L4720.0	504720.4	5410663.0	35664.10156	361.52	0	48.848918	-86.935658	56374.99	56238.1	11.89	56386.88	56384.35547	56391.12337	56381.52734	504720.4	5410663.0
L4720.0	504720.4	5410663.0	35664.19922	362.71	0	48.848918	-86.935658	56375.86	56238.1	11.89	56387.75	56385.19922	56393.63276	56383.92578	504720.4	5410663.0
L4720.0	504720.3	5410664.8	35664.30078	359.93	0	48.848934	-86.935658	56376.55	56238.1	11.89	56388.44	56385.85938	56391.40421	56381.58203	504720.3	5410664.8
L4720.0	504720.3	5410666.2	35664.39844	360.35	0	48.848948	-86.935658	56377.44	56238.1	11.89	56389.33	56386.72266	56393.97735	56384.04297	504720.3	5410666.2
L4720.0	504720.3	5410666.2	35664.50000	359.72	0	48.848948	-86.935658	56378.26	56238.1	11.90	56390.15	56387.51563	56394.57004	56384.52344	504720.3	5410666.2
L4720.0	504720.3	5410668.5	35664.60156	359.02	0	48.848968	-86.935658	56379.10	56238.1	11.90	56391.00	56388.33594	56395.69106	56385.53516	504720.3	5410668.5
L4720.0	504720.3	5410670.0	35664.69922	360.46	0	48.848981	-86.935658	56379.86	56238.1	11.90	56391.76	56389.07031	56394.32490	56384.05469	504720.3	5410670.0
L4720.0	504720.3	5410671.2	35664.80078	359.26	0	48.848993	-86.935659	56380.84	56238.1	11.90	56392.73	56390.01563	56398.00246	56387.61719	504720.3	5410671.2
L4720.0	504720.3	5410671.2	35664.89844	359.56	0	48.848993	-86.935659	56381.63	56238.1	11.90	56393.53	56390.79297	56397.17956	56386.67969	504720.3	5410671.2
L4720.0	504720.3	5410673.2	35665.00000	359.56	0	48.849011	-86.935659	56382.60	56238.1	11.90	56394.50	56391.73828	56400.39157	56389.77734	504720.3	5410673.2
L4720.0	504720.3	5410674.7	35665.00000	360.92	0	48.849024	-86.935659	56383.31	56238.1	11.90	56395.21	56392.42578	56396.83883	56386.10938	504720.3	5410674.7
L4720.0	504720.3	5410674.7	35665.19922	362.73	0	48.849024	-86.935659	56384.41	56238.1	11.90	56396.30	56393.49219	56402.58986	56391.74219	504720.3	5410674.7
L4720.0	504720.3	5410676.7	35665.30078	361.61	0	48.849042	-86.935659	56385.43	56238.1	11.90	56397.32	56394.48828	56406.34282	56395.37891	504720.3	5410676.7
L4720.0	504720.3	5410678.7	35665.39844	361.81	0	48.849060	-86.935659	56386.14	56238.1	11.90	56398.04	56395.18750	56402.32019	56391.24219	504720.3	5410678.7
L4720.0	504720.3	5410678.7	35665.50000	361.36	0	48.849060	-86.935659	56386.98	56238.1	11.90	56398.88	56396.00781	56401.06622	56389.87109	504720.3	5410678.7
L4720.0	504720.3	5410680.1	35665.60156	360.69	0	48.849072	-86.935659	56387.81	56238.1	11.89	56399.70	56396.80859	56399.06334	56387.75000	504720.3	5410680.1
L4720.0	504720.3	5410681.6	35665.69922	360.41	0	48.849086	-86.935659	56388.92	56238.1	11.89	56400.81	56397.89844	56404.09364	56392.66406	504720.3	5410681.6
L4720.0	504720.3	5410681.6	35665.80078	359.90	0	48.849086	-86.935659	56389.84	56238.1	11.89	56401.74	56398.80859	56404.35312	56392.80469	504720.3	5410681.6
L4720.0	504720.3	5410683.7	35665.89844	359.54	0	48.849105	-86.935659	56390.76	56238.1	11.89	56402.65	56399.70313	56403.85733	56392.18750	504720.3	5410683.7
L4720.0	504720.3	5410686.1	35666.00000	359.54	0	48.849126	-86.935659	56391.68	56238.1	11.89	56403.57	56400.60547	56403.35744	56391.57031	504720.3	5410686.1
L4720.0	504720.3	5410687.0	35666.00000	359.04	0	48.849134	-86.935659	56392.70	56238.1	11.89	56404.59	56401.60938	56405.11126	56393.20313	504720.3	5410687.0
L4720.0	504720.3	5410687.0	35666.19922	360.06	0	48.849134	-86.935659	56393.59	56238.1	11.89	56405.48	56402.48438	56403.34125	56391.31250	504720.3	5410687.0
L4720.0	504720.3	5410689.4	35666.30078	361.46	0	48.849156	-86.935659	56394.75	56238.1	11.88	56406.63	56403.61719	56407.83831	56395.68750	504720.3	5410689.4
L4720.0	504720.3	5410689.4	35666.39844	362.38	0	48.849156	-86.935659	56395.58	56238.1	11.88	56407.46	56404.43359	56404.03623	56391.76563	504720.3	5410689.4
L4720.0	504720.3	5410692.4	35666.50000	363.50	0	48.849183	-86.935659	56396.86	56238.1	11.88	56408.74	56405.69922	56411.26785	56398.87500	504720.3	5410692.4
L4720.0	504720.3	5410692.4	35666.60156	363.54	0	48.849183	-86.935659	56397.96	56238.1	11.88	56409.84	56406.78906	56413.71140	56401.19922	504720.3	5410692.4
L4720.0	504720.3	5410693.9	35666.69922	362.06	0	48.849197	-86.935659	56399.04	56238.1	11.88	56410.91	56407.84375	56415.13124	56402.49219	504720.3	5410693.9
L4720.0	504720.3	5410693.9	35666.80078	361.81	0	48.849197	-86.935659	56400.03	56238.1	11.87	56411.90	56408.82422	56414.26960	56401.50781	504720.3	5410693.9
L4720.0	504720.3	5410695.7	35666.89844	359.74	0	48.849213	-86.935659	56401.33	56238.1	11.87	56413.20	56410.11328	56420.91732	56408.03125	504720.3	5410695.7
L4720.0	504720.3	5410697.5	35667.00000	359.74	0	48.849229	-86.935659	56402.32	56238.1	11.87	56414.19	56411.09375	56419.50368	56406.49219	504720.3	5410697.5
L4720.0	504720.3	5410697.5	35667.00000	360.37	0	48.849229	-86.935659	56403.32	56238.1	11.87	56415.19	56412.08203	56418.06175	56404.92578	504720.3	5410697.5
L4720.0	504720.3	5410699.2	35667.10156	360.54	0	48.849244	-86.935659	56404.39	56238.1	11.87	56416.26	56413.14453	56418.09588	56404.83594	504720.3	5410699.2
L4720.0	504720.3	5410700.6	35667.30078	360.26	0	48.849257	-86.935658	56405.46	56238.1	11.87	56417.33	56414.20703	56417.84607	56404.45703	504720.3	5410700.6
L4720.0	504720.3	5410702.4	35667.39844	359.54	0	48.849273	-86.935658	56406.79	56238.1	11.87	56418.66	56415.52734	56423.83875	56410.32422	504720.3	5410702.4
L4720.0	504720.3	5410702.4	35667.50000	360.26	0	48.849273	-86.935658	56407.88	56238.1	11.87	56419.75	56416.61328	56423.51644	56409.87500	504720.3	5410702.4
L4720.0	504720.3	5410704.1	35667.60156	362.19	0	48.849288	-86.935658	56409.06	56238.1	11.87	56420.93	56417.78516	56425.16333	56411.39453	504720.3	5410704.1
L4720.0	504720.3	5410705.6	35667.69922	361.19	0	48.849302	-86.935658	56410.08	56238.1	11.87	56421.95	56418.80078	56422.49957	56408.59766	504720.3	5410705.6
L4720.0	504720.3	5410705.6	35667.80078	360.18	0	48.849302	-86.935658	56411.51	56238.1	11.87	56423.38	56420.22266	56429.83588	56415.80469	504720.3	5410705.6
L4720.0	504720.3	5410707.3	35667.89844	358.97	0	48.849317	-86.935658	56412.64	56238.1	11.87	56424.51	56421.34766	56429.34168	56415.17969	504720.3	5410707.3
L4720.0	504720.3	5410709.0	35668.00000	358.97	0	48.849333	-86.935658	56413.71	56238.1	11.87	56425.58	56422.41406	56427.04135	56412.75000	504720.3	5410709.0
L4720.0	504720.3	5410710.6	35668.10156	361.01	0	48.849346	-86.935658	56414.98	56238.1	11.87	56426.85	56423.68359	56429.46149	56415.03906	504720.3	5410710.6
L4720.0	504720.3	5410710.6	35668.19922	361.42	0	48.849346	-86.935658	56416.36	56238.1	11.87	56428.22	56425.05078	56434.08907	56419.53516	504720.3	5410710.6
L4720.0	504720.3	5410712.1	35668.30078	359.88	0	48.849360	-86.935658	56417.64	56238.1	11.86	56429.50	56426.32813	56436.15113	56421.46484	504720.3	5410712.1
L4720.0	504720.3	5410712.1	35668.39844	360.14	0	48.849360	-86.935658	56418.88	56238.1	11.86	56430.75	56427.57422	56437.15247	56422.33203	504720.3	5410712.1
L4720.0	504720.3	5410713.9	35668.50000	361.26	0	48.849377	-86.935658	56420.34	56238.1	11.86	56432.20	56429.02344	56442.86672	56427.91406	504720.3	5410713.9
L4720.0	504720.3	5410715.7	35668.60156	362.25	0	48.849392	-86.935657	56421.49	56238.1	11.86	56433.35	56430.17188	56440.73703	56425.65234	504720.3	5410715.7
L4720.0	504720.4	5410717.1	35668.69922	360.57	0	48.849406	-86.935657	56422.94	56238.1	11.86	56434.80	56431.62109	56445.82816	56430.60938	504720.4	5410717.1
L4720.0	504720.4	5410717.1	35668.80078	360.22	0	48.849406	-86.935657	56424.42	56238.1	11.85	56436.28	56433.10156	56451.35892	56436.00391	504720.4	5410717.1
L4720.0	504720.4	5410718.6	35668.89844	360.60	0	48.849419	-86.935657	56425.63	56238.1	11.85	56437.48	56434.30469	56449.54391	56434.05469	504720.4	5410718.6
L4720.0	504720.4	5410720.4	35669.00000	360.60	0	48.849435	-86.935657	56426.92	56238.2	11.85	56438.77	56435.59375	56449.67295	56434.04688	504720.4	5410720.4
L4720.0	504720.4	5410722.6	35669.00000	360.26	0	48.849455	-86.935657	56428.28	56238.2	11.85	56440.13	56436.95703	56451.24304	56435.48047	504720.4	5410722.6
L4720.0	504720.4	5410722.6	35669.19922	360.64	0	48.849455	-86.935657	56429.66	56238.1	11.85	56441.51	56438.33984	56452.99806	56437.10156	504720.4	5410722.6
L4720.0	504720.4	5410724.4	35669.30078	359.39	0	48.849471	-86.935657	56431.04	56238.1	11.86	56442.89	56439.71875	56454.43544	56438.39844	504720.4	5410724.4
L4720.0	504720.4	5410725.8	35669.39844	359.76	0	48.849484	-86.935657	56432.56	56238.1	11.86	56444.42	56441.25391	56459.32166	56443.14844	504720.4	5410725.8
L4720.0	504720.4	5410725.8	35669.50000	360.67	0	48.849484	-86.935657	56433.94	56238.1	11.86	56445.80	56442.63672	56460.12376	56443.81641	504720.4	5410725.8
L4720.0	504720.4	5410727.7	35669.60156	360.21	0	48.849500	-86.935657	56435.45	56238.1	11.86	56447.31	56444.14844	56463.87315	56447.42969	504720.4	5410727.7
L4720.0	504720.4	5410727.7	35669.69922	361.13	0	48.849500	-86.935657	56436.95	56238.1	11.86	56448.82	56445.66406	56467.30626	56450.72266	504720.4	5410727.7
L4720.0	504720.4	5410729.7	35669.80078	360.69	0	48.849519	-86.935657	56438.31	56238.1	11.87	56450.18	56447.02734	56466.65768	56449.93750	504720.4	5410729.7
L4720.0	504720.4	5410729.7	35669.89844	362.08	0	48.849519	-86.935657	56439.71	56238.1	11.87	56451.58	56448.43359	56466.69987	56449.83984	504720.4	5410729.7
L4720.0	504720.4	5410731.8	35670.00000	362.08	0	48.849537	-86.935657	56441.19	56238.1	11.87	56453.06	56449.91797	56468.43914	56451.44531	504720.4	5410731.8
L4720.0	504720.4	5410733.8	35670.10156	361.45	0	48.849555	-86.935657	56442.75	56238.1	11.87	56454.61	56451.47266	56471.62667	56454.49219	504720.4	5410733.8
L4720.0	504720.4	5410735.0	35670.19922	362.56	0	48.849566	-86.935657	56444.41	56238.1	11.86	56456.27	56453.14063	56477.26958	56460.00000	504720.4	5410735.0
L4720.0	504720.4	5410736.4	35670.30078	362.87	0	48.849579	-86.935657	56445.96	56238.1	11.86	56457.82	56454.69531	56479.84674	56462.43750	504720.4	5410736.4
L4720.0	504720.4	5410736.4	35670.39844	362.20	0	48.849579	-86.935657	56447.46	56238.1	11.86	56459.32	56456.19922	56480.86837	56463.32422	504720.4	5410736.4
L4720.0	504720.4	5410738.0	35670.50000	362.14	0	48.849593	-86.935657	56448.97	56238.1	11.85	56460.83	56457.71875	56481.84522	56464.16406	504720.4	5410738.0
L4720.0	504720.4	5410739.5	35670.60156	361.21	0	48.849607	-86.935657	56450.25	56238.1	11.85	56462.10	56458.99219	56476.50427	56458.68750	504720.4	5410739.5
L4720.0	504720.3	5410741.5	35670.69922	360.72	0	48.849625	-86.935657	56451.96	56238.2	11.85	56463.81	56460.71094	56481.92574	56463.97266	504720.3	5410741.5
L4720.0	504720.3	5410741.5	35670.80078	358.78	0	48.849625	-86.935657	56453.62	56238.2	11.85	56465.47	56462.37891	56485.81119	56467.72266	504720.3	5410741.5
L4720.0	504720.3	5410742.9	35670.89844	358.19	0	48.849638	-86.935657	56455.25	56238.2	11.84	56467.10	56464.01563	56488.66905	56470.44531	504720.3	5410742.9
L4720.0	504720.3	5410742.9	35671.00000	358.19	0	48.849638	-86.935657	56456.81	56238.2	11.84	56468.65	56465.57422	56489.25059	56470.89063	504720.3	5410742.9
L4720.0	504720.3	5410744.4	35671.00000	360.45	0	48.849651	-86.935657	56458.57	56238.2	11.84	56470.41	56467.33984	56494.84521	56476.35156	504720.3	5410744.4
L4720.0	504720.3	5410745.9	35671.19922	360.91	0	48.849665	-86.935657	56460.23	56238.2	11.83	56472.06	56468.99609	56497.42557	56478.80078	504720.3	5410745.9
L4720.0	504720.3	5410748.6	35671.30078	362.50	0	48.849689	-86.935658	56461.86	56238.2	11.83	56473.69	56470.63672	56499.26018	56480.50391	504720.3	5410748.6
L4720.0	504720.3	5410748.6	35671.39844	363.71	0	48.849689	-86.935658	56463.39	56238.2	11.83	56475.22	56472.17578	56498.34943	56479.46094	504720.3	5410748.6
L4720.0	504720.3	5410750.0	35671.50000	362.67	0	48.849702	-86.935658	56465.26	56238.2	11.82	56477.08	56474.04297	56505.50065	56486.48047	504720.3	5410750.0

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4720.0	504720.3	5410751.8	35671.60156	361.24	0	48.849717	-86.935658	56466.79	56238.2	11.82	56478.61	56475.58203	56504.15145	56485.00391	504720.3	5410751.8
L4720.0	504720.3	5410751.8	35671.69922	359.63	0	48.849717	-86.935658	56468.55	56238.2	11.82	56480.37	56477.34766	56508.37479	56489.09766	504720.3	5410751.8
L4720.0	504720.3	5410753.8	35671.80078	360.23	0	48.849735	-86.935658	56470.26	56238.2	11.82	56482.07	56479.05859	56510.90044	56491.49609	504720.3	5410753.8
L4720.0	504720.3	5410755.3	35671.89844	361.13	0	48.849749	-86.935658	56472.02	56238.2	11.81	56483.83	56480.82813	56514.75408	56495.22656	504720.3	5410755.3
L4720.0	504720.3	5410755.3	35672.00000	361.13	0	48.849749	-86.935658	56473.70	56238.2	11.81	56485.51	56482.51563	56516.43335	56496.78125	504720.3	5410755.3
L4720.0	504720.2	5410757.1	35672.10156	361.48	0	48.849765	-86.935658	56475.29	56238.2	11.81	56487.10	56484.11328	56515.70087	56495.92969	504720.2	5410757.1
L4720.0	504720.2	5410758.6	35672.19922	363.27	0	48.849778	-86.935659	56477.33	56238.2	11.81	56489.14	56486.16406	56526.13067	56506.23828	504720.2	5410758.6
L4720.0	504720.2	5410760.3	35672.30078	363.05	0	48.849794	-86.935659	56478.98	56238.2	11.81	56490.80	56487.83203	56526.89613	56506.88281	504720.2	5410760.3
L4720.0	504720.2	5410760.3	35672.39844	364.52	0	48.849794	-86.935659	56480.65	56238.2	11.81	56492.46	56489.50000	56527.55487	56507.42578	504720.2	5410760.3
L4720.0	504720.2	5410762.4	35672.50000	363.95	0	48.849813	-86.935659	56482.28	56238.2	11.82	56494.09	56491.14063	56527.36987	56507.12500	504720.2	5410762.4
L4720.0	504720.2	5410763.9	35672.60156	362.22	0	48.849826	-86.935659	56483.98	56238.2	11.82	56495.80	56492.85938	56529.12018	56508.76172	504720.2	5410763.9
L4720.0	504720.2	5410763.9	35672.69922	360.24	0	48.849826	-86.935659	56485.86	56238.2	11.82	56497.67	56494.73828	56534.83215	56514.36328	504720.2	5410763.9
L4720.0	504720.2	5410765.8	35672.80078	359.03	0	48.849843	-86.935659	56487.59	56238.2	11.82	56499.40	56496.47656	56536.99074	56516.41406	504720.2	5410765.8
L4720.0	504720.2	5410767.7	35672.89844	358.37	0	48.849860	-86.935659	56489.29	56238.2	11.82	56501.11	56498.19922	56538.62784	56517.94531	504720.2	5410767.7
L4720.0	504720.2	5410767.7	35673.00000	358.37	0	48.849860	-86.935659	56491.21	56238.2	11.82	56503.03	56500.12891	56545.53806	56524.75000	504720.2	5410767.7
L4720.0	504720.2	5410769.2	35673.00000	358.12	0	48.849874	-86.935659	56493.05	56238.2	11.82	56504.87	56501.97656	56550.45910	56529.57031	504720.2	5410769.2
L4720.0	504720.2	5410770.7	35673.19922	358.81	0	48.849888	-86.935659	56494.96	56238.2	11.82	56506.78	56503.89453	56557.17773	56536.19141	504720.2	5410770.7
L4720.0	504720.2	5410770.7	35673.30078	361.70	0	48.849888	-86.935659	56496.62	56238.2	11.82	56508.44	56505.56641	56557.67930	56536.59766	504720.2	5410770.7
L4720.0	504720.2	5410772.6	35673.39844	362.13	0	48.849905	-86.935659	56498.48	56238.2	11.82	56510.31	56507.44531	56563.53575	56542.35938	504720.2	5410772.6
L4720.0	504720.2	5410773.9	35673.50000	363.21	0	48.849916	-86.935659	56500.25	56238.2	11.82	56512.07	56509.21484	56566.73326	56545.46875	504720.2	5410773.9
L4720.0	504720.2	5410773.9	35673.60156	362.48	0	48.849916	-86.935659	56502.00	56238.2	11.83	56513.83	56510.98438	56570.05591	56548.70313	504720.2	5410773.9
L4720.0	504720.2	5410775.6	35673.69922	361.93	0	48.849932	-86.935659	56503.74	56238.2	11.83	56515.57	56512.73438	56573.02375	56551.58984	504720.2	5410775.6
L4720.0	504720.2	5410777.3	35673.80078	360.56	0	48.849947	-86.935659	56505.56	56238.2	11.83	56517.38	56514.55469	56577.91927	56556.40234	504720.2	5410777.3
L4720.0	504720.2	5410779.1	35673.89844	359.76	0	48.849963	-86.935659	56507.59	56238.2	11.83	56519.42	56516.60547	56588.78298	56567.19141	504720.2	5410779.1
L4720.0	504720.2	5410779.1	35674.00000	359.76	0	48.849963	-86.935659	56509.23	56238.2	11.83	56521.06	56518.25391	56589.81837	56568.15234	504720.2	5410779.1
L4720.0	504720.2	5410781.2	35674.10156	357.72	0	48.849982	-86.935659	56510.98	56238.2	11.83	56522.81	56520.01172	56593.85500	56572.11719	504720.2	5410781.2
L4720.0	504720.2	5410781.2	35674.19922	356.82	0	48.849982	-86.935659	56512.60	56238.2	11.82	56524.42	56521.63281	56594.63868	56572.83594	504720.2	5410781.2
L4720.0	504720.1	5410784.2	35674.30078	357.41	0	48.850009	-86.935659	56514.62	56238.2	11.82	56526.43	56523.65234	56605.75250	56583.88672	504720.1	5410784.2
L4720.0	504720.1	5410784.2	35674.39844	359.04	0	48.850009	-86.935659	56516.27	56238.2	11.81	56528.08	56525.31250	56608.13612	56586.21484	504720.1	5410784.2
L4720.0	504720.1	5410786.0	35674.50000	358.32	0	48.850025	-86.935659	56518.16	56238.2	11.81	56529.97	56527.21484	56616.87934	56594.90234	504720.1	5410786.0
L4720.0	504720.1	5410786.0	35674.60156	360.41	0	48.850025	-86.935659	56519.87	56238.2	11.81	56531.68	56528.93359	56621.45932	56599.43359	504720.1	5410786.0
L4720.0	504720.1	5410787.8	35674.69922	360.16	0	48.850041	-86.935660	56521.53	56238.2	11.80	56533.33	56530.59375	56624.91274	56602.83984	504720.1	5410787.8
L4720.0	504720.1	5410789.3	35674.80078	360.36	0	48.850054	-86.935660	56523.12	56238.2	11.80	56534.92	56532.19531	56627.26292	56605.14844	504720.1	5410789.3
L4720.0	504720.1	5410789.3	35674.89844	359.26	0	48.850054	-86.935660	56524.87	56238.2	11.79	56536.67	56533.95703	56634.05730	56611.90625	504720.1	5410789.3
L4720.0	504720.1	5410791.4	35675.00000	359.26	0	48.850074	-86.935660	56526.64	56238.2	11.79	56538.43	56535.72656	56641.55221	56619.36719	504720.1	5410791.4
L4720.0	504720.1	5410793.0	35675.00000	360.20	0	48.850088	-86.935660	56528.16	56238.2	11.79	56539.95	56537.25781	56643.49268	56621.28125	504720.1	5410793.0
L4720.0	504720.1	5410793.0	35675.19922	360.32	0	48.850088	-86.935660	56529.77	56238.2	11.79	56541.56	56538.87891	56648.18747	56625.95313	504720.1	5410793.0
L4720.0	504720.1	5410795.3	35675.30078	358.63	0	48.850109	-86.935660	56531.36	56238.2	11.79	56543.14	56540.46875	56652.64526	56630.39063	504720.1	5410795.3
L4720.0	504720.1	5410796.5	35675.39844	356.61	0	48.850120	-86.935660	56533.06	56238.2	11.79	56544.85	56542.19141	56660.90524	56638.63672	504720.1	5410796.5
L4720.0	504720.1	5410796.5	35675.50000	358.00	0	48.850120	-86.935660	56534.65	56238.2	11.79	56546.43	56543.78125	56666.45977	56644.18359	504720.1	5410796.5
L4720.0	504720.1	5410798.3	35675.60156	358.45	0	48.850136	-86.935660	56536.18	56238.2	11.78	56547.96	56545.32422	56671.33823	56649.05859	504720.1	5410798.3
L4720.0	504720.1	5410799.6	35675.69922	358.64	0	48.850148	-86.935660	56537.61	56238.2	11.78	56549.39	56546.76563	56674.30509	56652.02734	504720.1	5410799.6
L4720.0	504720.1	5410799.6	35675.80078	356.73	0	48.850148	-86.935660	56539.09	56238.2	11.78	56550.87	56548.25781	56679.14630	56656.87500	504720.1	5410799.6
L4720.0	504720.1	5410800.9	35675.89844	357.92	0	48.850159	-86.935660	56540.67	56238.2	11.78	56552.45	56549.85156	56687.13615	56664.87500	504720.1	5410800.9
L4720.0	504720.1	5410802.4	35676.00000	357.92	0	48.850172	-86.935659	56542.05	56238.2	11.78	56553.83	56551.24219	56690.75958	56668.51563	504720.1	5410802.4
L4720.0	504720.1	5410804.6	35676.00000	360.22	0	48.850192	-86.935659	56543.48	56238.2	11.78	56555.26	56552.68750	56696.31155	56674.08984	504720.1	5410804.6
L4720.0	504720.1	5410804.6	35676.19922	359.64	0	48.850192	-86.935659	56544.81	56238.2	11.78	56556.59	56554.03125	56700.04208	56677.85156	504720.1	5410804.6
L4720.0	504720.2	5410806.4	35676.30078	360.47	0	48.850209	-86.935659	56546.13	56238.2	11.78	56557.91	56555.36328	56704.22691	56682.06641	504720.2	5410806.4
L4720.0	504720.2	5410808.0	35676.39844	360.37	0	48.850223	-86.935659	56547.67	56238.2	11.78	56559.45	56556.91797	56714.65640	56692.53516	504720.2	5410808.0
L4720.0	504720.2	5410809.4	35676.50000	359.92	0	48.850235	-86.935659	56549.02	56238.2	11.78	56560.80	56558.28125	56721.04940	56698.97656	504720.2	5410809.4
L4720.0	504720.2	5410809.4	35676.60156	360.85	0	48.850235	-86.935659	56550.04	56238.2	11.78	56561.82	56559.31641	56719.90367	56697.87891	504720.2	5410809.4
L4720.0	504720.2	5410811.6	35676.69922	361.84	0	48.850255	-86.935658	56551.44	56238.2	11.78	56563.22	56560.73047	56729.05990	56707.09375	504720.2	5410811.6
L4720.0	504720.2	5410811.6	35676.80078	360.01	0	48.850255	-86.935658	56552.64	56238.2	11.78	56564.42	56561.94531	56733.96543	56712.05859	504720.2	5410811.6
L4720.0	504720.2	5410813.2	35676.89844	359.75	0	48.850270	-86.935658	56553.61	56238.2	11.78	56565.39	56562.92969	56733.87734	56712.03906	504720.2	5410813.2
L4720.0	504720.2	5410814.7	35677.00000	359.75	0	48.850283	-86.935658	56554.50	56238.2	11.78	56566.28	56563.83594	56732.57161	56710.80859	504720.2	5410814.7
L4720.0	504720.2	5410816.5	35677.00000	359.46	0	48.850300	-86.935658	56555.75	56238.2	11.78	56567.53	56565.10547	56741.10525	56719.42188	504720.2	5410816.5
L4720.0	504720.2	5410817.9	35677.10156	361.16	0	48.850312	-86.935658	56556.70	56238.2	11.78	56568.48	56566.07031	56742.91281	56721.31641	504720.2	5410817.9
L4720.0	504720.2	5410817.9	35677.30078	361.88	0	48.850312	-86.935658	56557.41	56238.2	11.78	56569.19	56566.79688	56739.50729	56718.00391	504720.2	5410817.9
L4720.0	504720.2	5410819.7	35677.39844	360.57	0	48.850329	-86.935658	56558.36	56238.2	11.78	56570.13	56567.75781	56742.69595	56721.28906	504720.2	5410819.7
L4720.0	504720.2	5410821.3	35677.50000	361.46	0	48.850343	-86.935658	56559.07	56238.2	11.77	56570.84	56568.48438	56740.93233	56719.62891	504720.2	5410821.3
L4720.0	504720.2	5410821.3	35677.60156	361.27	0	48.850343	-86.935658	56559.89	56238.2	11.77	56571.66	56569.32422	56742.75725	56721.56641	504720.2	5410821.3
L4720.0	504720.2	5410822.8	35677.69922	360.81	0	48.850356	-86.935658	56560.84	56238.2	11.77	56572.61	56570.29297	56748.67519	56727.59766	504720.2	5410822.8
L4720.0	504720.2	5410824.6	35677.80078	361.45	0	48.850372	-86.935658	56561.39	56238.2	11.77	56573.17	56570.87500	56745.62993	56724.67578	504720.2	5410824.6
L4720.0	504720.2	5410826.6	35677.89844	362.12	0	48.850391	-86.935658	56562.08	56238.2	11.77	56573.85	56571.57422	56746.42800	56725.60156	504720.2	5410826.6
L4720.0	504720.2	5410826.6	35678.00000	362.12	0	48.850391	-86.935658	56562.67	56238.2	11.77	56574.44	56572.18750	56745.79538	56725.10547	504720.2	5410826.6
L4720.0	504720.2	5410828.5	35678.10156	362.28	0	48.850407	-86.935658	56563.38	56238.2	11.77	56575.15	56572.91797	56749.00343	56728.45313	504720.2	5410828.5
L4720.0	504720.2	5410828.5	35678.19922	361.38	0	48.850407	-86.935658	56563.84	56238.2	11.76	56575.61	56573.39844	56746.75850	56726.35547	504720.2	5410828.5
L4720.0	504720.2	5410830.3	35678.30078	359.76	0	48.850423	-86.935658	56564.30	56238.2	11.76	56576.06	56573.87500	56745.08329	56724.83594	504720.2	5410830.3
L4720.0	504720.2	5410831.8	35678.39844	360.86	0	48.850437	-86.935658	56564.69	56238.2	11.76	56576.45	56574.28906	56742.71756	56722.62891	504720.2	5410831.8
L4720.0	504720.2	5410831.8	35678.50000	361.32	0	48.850437	-86.935658	56565.20	56238.2	11.75	56576.95	56574.81250	56743.92442	56724.00000	504720.2	5410831.8
L4720.0	504720.2	5410833.3	35678.60156	360.61	0	48.850451	-86.935658	56565.50	56238.2	11.75	56577.25	56575.13672	56740.91309	56721.16016	504720.2	5410833.3
L4720.0	504720.2	5410835.1	35678.69922	358.43	0	48.850467	-86.935658	56565.68	56238.3	11.75	56577.43	56575.34375	56735.68497	56716.10938	504720.2	5410835.1
L4720.0	504720.2	5410836.8	35678.80078	358.58	0	48.850482	-86.935658	56565.88	56238.3	11.75	56577.63	56575.57031	56731.74725	56712.35547	504720.2	5410836.8
L4720.0	504720.2	5410836.8	35678.89844	358.27	0	48.850482	-86.935658	56566.12	56238.3	11.74	56577.86	56575.82813	56729.34195	56710.13672	504720.2	5410836.8
L4720.0	504720.2	5410838.3	35679.00000	358.27	0	48.850495	-86.935659	56566.42	56238.3	11.74	56578.16	56576.15625	56729.46364	56710.45313	504720.2	5410838.3
L4720.0	504720.2	5410839.8	35679.00000	358.98	0	48.850509	-86.935659	56566.57	56238.3	11.74	56578.31	56576.33203	56726.57743	56707.76953	504720.2	5410839.8
L4720.0	504720.2	5410839.8	35679.19922	359.57	0	48.850509	-86.935659	56566.63	56238.3	11.73	56578.36	56576.41406	56721.92756	56703.32813	504720.2	5410839.8
L4720.0	504720.2	5410842.0	35679.30078	358.88	0	48.850529	-86.935659	56566.82	56238.3	11.73	56578.56	56576.64453	56721.77968	56703.39063	504720.2	5410842.0
L4720.0	504720.1	5410843.3	35679.39844	360.26	0	48.850540	-86.935659	56566.83	56238.3	11.73	56578.56	56576.67578	56717.33257	56699.16406	504720.1	5410843.3
L4720.0	504720.1	5410843.3	35679.50000	361.74	0	48.850540	-86.935659	56566.83	56238.3	11.72	56578.56	56576.70703	56713.59518	56695.64844	504720.1	5410843.3
L4720.0	504720.1	5410844.8	35679.60156	361.96	0	48.850554	-86.935659	56566.98	56238.3	11.72	56578.70	56576.87891	56714.06928	56696.35156	504720.1	5410844.8
L4720.0	504720.1	5410846.3	35679.69922	361.63	0	48.850567	-86.935659	56566.96	56238.3	11.72	56578.68	56576.89453	56711.20759	56693.72656	504720.1	5410846.3
L4720.0	504720.1	5410848.3	35679.80078	361.49	0	48.850586	-86.935659	56566.96	56238.3	11.72	56578.67	56576.91797	56709.26426	56692.02344	504720.1	5410848.3
L4720.0	504720.1	5410848.3	35679.89844	362.27	0	48.850586	-86.935659	56566.88	56238.3	11.71	56578.59	56576.87500	56706.21548	56689.21875	504720.1	5410848.3
L4720.0	504720.1	5410850.0	35680.00000	362.27	0	48.850601	-86.935659	56566.70	56238.3	11.71	56578.41	56576.73047	56701.29256	56684.54688	504720.1	5410850.0
L4720.0	504720.1	5410851.3	35680.10156	362.34	0	48.850613	-86.935659	56566.66	56238.3	11.71	56578.36	56576.71875	56700.25524	56683.76563	504720.1	5410851.3
L4720.0	504720.1	5410851.3	35680.19922	363.06	0	48.850613	-86.935659	56566.63	56238.3	11.71	56578.33	56576.72656	56700.32548	56684.09766	504720.1	5410851.3
L4720.0	504720.1	5410852.8	35680.30078	363.50	0	48.850626	-86.935659	56566.21	56238.3	11.70	56577.92	56576.35547	56691.44297	56675.48047	504720.1	5410852.8
L4720.0	504720.1	5410854.8	35680.39844	362.49	0	48.850644	-86.935659	56566.02	56238.3	11.70	56577.72	56576.19531	56688.40658	56672.71484	504720.1	5410854.8
L4720.0	504720.1	5410856.7	35680.50000	363.59	0	48.850661	-86.935659	56565.84	56238.3	11.70	56577.54	56576.05469	56686.42892	56671.01172	504720.1	5410856.7
L4720.0	504720.1	5410856.7	35680.60156	361.84	0	48.850661	-86.935659	56565.56	56238.3	11.70	56577.25	56575.80469	56682.22915	56667.09375	504720.1	5410856.7
L4720.0	504720.1	5410858.5	35680.69922	360.81	0	48.850677	-86.935659	56565.20	56238.3	11.70	56576.90	56575.50000	56677.04629	56662.19531	504720.1	5410858.5
L4720.0	504720.1	5410859.9	35680.80078	361.88	0	48.850690	-86.935659	56564.89	56238.3	11.69	56576.58	56575.22266	56673.12379	56658.56250	504720.1	5410859.9

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4720.0	504720.1	5410859.9	35680.89844	361.33	0	48.850690	-86.935659	56564.71	56238.3	11.69	56576.41	56575.09766	56673.45845	56659.19141	504720.1	5410859.9
L4720.0	504720.1	5410861.5	35681.00000	361.33	0	48.850704	-86.935659	56564.32	56238.3	11.69	56576.01	56574.74219	56668.49197	56654.51953	504720.1	5410861.5
L4720.0	504720.1	5410863.2	35681.00000	360.57	0	48.850719	-86.935659	56564.10	56238.3	11.69	56575.79	56574.56641	56668.50343	56654.83594	504720.1	5410863.2
L4720.0	504720.1	5410864.8	35681.19922	360.10	0	48.850734	-86.935659	56563.56	56238.3	11.69	56575.26	56574.08203	56661.17268	56647.80859	504720.1	5410864.8
L4720.0	504720.1	5410864.8	35681.30078	359.39	0	48.850734	-86.935659	56563.43	56238.3	11.70	56575.13	56574.00000	56664.31232	56651.25781	504720.1	5410864.8
L4720.0	504720.1	5410866.4	35681.39844	357.99	0	48.850748	-86.935659	56563.22	56238.3	11.70	56574.92	56573.83984	56665.85377	56653.11328	504720.1	5410866.4
L4720.0	504720.1	5410868.0	35681.50000	357.54	0	48.850763	-86.935659	56562.88	56238.3	11.70	56574.57	56573.53906	56664.27511	56651.85156	504720.1	5410868.0
L4720.0	504720.1	5410869.4	35681.60156	357.54	0	48.850775	-86.935659	56562.70	56238.3	11.70	56574.40	56573.41797	56667.59669	56655.49219	504720.1	5410869.4
L4720.0	504720.2	5410871.2	35681.69922	359.38	0	48.850791	-86.935658	56562.31	56238.3	11.70	56574.02	56573.08984	56666.01081	56654.23047	504720.2	5410871.2
L4720.0	504720.2	5410871.2	35681.80078	357.43	0	48.850791	-86.935658	56561.85	56238.3	11.71	56573.56	56572.68359	56662.76754	56651.31250	504720.2	5410871.2
L4720.0	504720.2	5410873.2	35681.89844	357.48	0	48.850810	-86.935658	56561.52	56238.3	11.71	56573.23	56572.40625	56663.12617	56652.00000	504720.2	5410873.2
L4720.0	504720.2	5410873.2	35682.00000	357.48	0	48.850810	-86.935658	56561.12	56238.3	11.71	56572.83	56572.05859	56662.05115	56651.25781	504720.2	5410873.2
L4720.0	504720.2	5410875.2	35682.10156	358.24	0	48.850828	-86.935658	56560.35	56238.3	11.71	56572.05	56571.33203	56651.74519	56641.28906	504720.2	5410875.2
L4720.0	504720.2	5410877.2	35682.19922	360.62	0	48.850846	-86.935657	56560.17	56238.3	11.70	56571.87	56571.20703	56656.80390	56646.68359	504720.2	5410877.2
L4720.0	504720.2	5410877.2	35682.30078	360.17	0	48.850846	-86.935657	56559.76	56238.3	11.69	56571.45	56570.84375	56656.12238	56646.34375	504720.2	5410877.2
L4720.0	504720.2	5410878.8	35682.39844	358.46	0	48.850860	-86.935657	56559.30	56238.3	11.69	56570.99	56570.44141	56654.71106	56645.27344	504720.2	5410878.8
L4720.0	504720.2	5410880.4	35682.50000	360.55	0	48.850874	-86.935657	56558.99	56238.3	11.68	56570.68	56570.18750	56657.32972	56648.23438	504720.2	5410880.4
L4720.0	504720.2	5410880.4	35682.60156	362.91	0	48.850874	-86.935657	56558.43	56238.3	11.68	56570.11	56569.67578	56653.67240	56644.92578	504720.2	5410880.4
L4720.0	504720.3	5410882.5	35682.69922	361.87	0	48.850893	-86.935657	56557.95	56238.3	11.68	56569.62	56569.24609	56652.26645	56643.86719	504720.3	5410882.5
L4720.0	504720.3	5410884.7	35682.80078	360.47	0	48.850913	-86.935657	56557.52	56238.3	11.67	56569.19	56568.87500	56652.59997	56644.55078	504720.3	5410884.7
L4720.0	504720.3	5410884.7	35682.89844	360.58	0	48.850913	-86.935657	56557.00	56238.3	11.67	56568.67	56568.41797	56650.89718	56643.19922	504720.3	5410884.7
L4720.0	504720.3	5410886.4	35683.00000	360.58	0	48.850928	-86.935656	56556.41	56238.3	11.66	56568.07	56567.87891	56647.40050	56640.05078	504720.3	5410886.4
L4720.0	504720.3	5410886.4	35683.00000	360.64	0	48.850928	-86.935656	56556.14	56238.3	11.66	56567.80	56567.66797	56652.39698	56645.40234	504720.3	5410886.4
L4720.0	504720.3	5410888.3	35683.19922	359.78	0	48.850945	-86.935656	56555.65	56238.3	11.66	56567.31	56567.24219	56652.06817	56645.42969	504720.3	5410888.3
L4720.0	504720.3	5410888.3	35683.30078	359.38	0	48.850945	-86.935656	56555.20	56238.3	11.66	56566.85	56566.84375	56652.68443	56646.39844	504720.3	5410888.3
L4720.0	504720.3	5410890.1	35683.39844	358.71	0	48.850962	-86.935656	56554.66	56238.3	11.66	56566.32	56566.37891	56651.72793	56645.80078	504720.3	5410890.1
L4720.0	504720.3	5410892.0	35683.50000	358.57	0	48.850979	-86.935656	56554.09	56238.3	11.65	56565.75	56565.87109	56649.94566	56644.37109	504720.3	5410892.0
L4720.0	504720.3	5410893.2	35683.60156	359.72	0	48.850989	-86.935656	56553.84	56238.3	11.65	56565.49	56565.67578	56656.12037	56650.90234	504720.3	5410893.2
L4720.0	504720.3	5410893.2	35683.69922	360.29	0	48.850989	-86.935656	56553.00	56238.3	11.65	56564.65	56564.90234	56647.89832	56643.03906	504720.3	5410893.2
L4720.0	504720.3	5410894.5	35683.80078	359.05	0	48.851001	-86.935655	56552.48	56238.3	11.65	56564.14	56564.45703	56648.12494	56643.62500	504720.3	5410894.5
L4720.0	504720.3	5410894.5	35683.89844	360.88	0	48.851001	-86.935655	56551.95	56238.3	11.65	56563.60	56563.98047	56647.75577	56643.60938	504720.3	5410894.5
L4720.0	504720.4	5410897.7	35684.00000	360.88	0	48.851030	-86.935655	56551.44	56238.3	11.65	56563.09	56563.53906	56648.29314	56644.50391	504720.4	5410897.7
L4720.0	504720.4	5410897.7	35684.10156	362.11	0	48.851030	-86.935655	56550.88	56238.4	11.65	56562.53	56563.04297	56647.72423	56644.28906	504720.4	5410897.7
L4720.0	504720.4	5410899.5	35684.19922	362.63	0	48.851046	-86.935655	56550.29	56238.4	11.65	56561.93	56562.51172	56646.29648	56643.21875	504720.4	5410899.5
L4720.0	504720.4	5410901.3	35684.30078	363.05	0	48.851062	-86.935655	56549.61	56238.4	11.64	56561.25	56561.89844	56643.00211	56640.28125	504720.4	5410901.3
L4720.0	504720.4	5410901.3	35684.39844	364.19	0	48.851062	-86.935655	56549.09	56238.4	11.64	56560.74	56561.45703	56644.11561	56641.74609	504720.4	5410901.3
L4720.0	504720.4	5410902.7	35684.50000	363.43	0	48.851075	-86.935655	56548.43	56238.4	11.64	56560.07	56560.85156	56641.34768	56639.33203	504720.4	5410902.7
L4720.0	504720.4	5410902.7	35684.60156	362.82	0	48.851075	-86.935655	56548.02	56238.4	11.64	56559.66	56560.51172	56645.24204	56643.57813	504720.4	5410902.7
L4720.0	504720.4	5410904.2	35684.69922	361.71	0	48.851089	-86.935655	56547.23	56238.4	11.64	56558.87	56559.78906	56639.72557	56638.41406	504720.4	5410904.2
L4720.0	504720.4	5410906.6	35684.80078	360.09	0	48.851110	-86.935655	56546.59	56238.4	11.63	56558.23	56559.21875	56638.10448	56637.14063	504720.4	5410906.6
L4720.0	504720.4	5410908.1	35684.89844	358.57	0	48.851124	-86.935655	56546.00	56238.4	11.63	56557.64	56558.69531	56637.86554	56637.25000	504720.4	5410908.1
L4720.0	504720.4	5410908.1	35685.00000	358.57	0	48.851124	-86.935655	56545.32	56238.4	11.63	56556.95	56558.07422	56635.24011	56634.96875	504720.4	5410908.1
L4720.0	504720.4	5410910.2	35685.00000	357.83	0	48.851142	-86.935654	56544.83	56238.4	11.63	56556.46	56557.65234	56637.75932	56637.83203	504720.4	5410910.2
L4720.0	504720.4	5410911.6	35685.19922	359.82	0	48.851155	-86.935654	56543.98	56238.4	11.63	56555.61	56556.87109	56631.35938	56631.77734	504720.4	5410911.6
L4720.0	504720.4	5410911.6	35685.30078	359.45	0	48.851155	-86.935654	56543.22	56238.4	11.63	56554.85	56556.17969	56627.33802	56628.09375	504720.4	5410911.6
L4720.0	504720.4	5410913.9	35685.39844	360.08	0	48.851176	-86.935654	56542.56	56238.4	11.63	56554.19	56555.58984	56625.94441	56627.03906	504720.4	5410913.9
L4720.0	504720.4	5410915.7	35685.50000	358.94	0	48.851192	-86.935654	56542.07	56238.4	11.63	56553.70	56555.16797	56628.93430	56630.36328	504720.4	5410915.7
L4720.0	504720.4	5410915.7	35685.60156	360.24	0	48.851192	-86.935654	56541.39	56238.4	11.63	56553.02	56554.55469	56627.26588	56629.02734	504720.4	5410915.7
L4720.0	504720.4	5410917.7	35685.69922	358.49	0	48.851210	-86.935654	56540.70	56238.4	11.63	56552.33	56553.93359	56625.45690	56627.55078	504720.4	5410917.7
L4720.0	504720.4	5410917.7	35685.80078	358.90	0	48.851210	-86.935654	56539.90	56238.4	11.63	56551.53	56553.19922	56620.99408	56623.41406	504720.4	5410917.7
L4720.0	504720.4	5410919.5	35685.89844	359.10	0	48.851226	-86.935654	56539.29	56238.4	11.63	56550.92	56552.65625	56621.40818	56624.15625	504720.4	5410919.5
L4720.0	504720.4	5410921.5	35686.00000	359.10	0	48.851244	-86.935654	56538.61	56238.4	11.63	56550.24	56552.04297	56620.16796	56623.23438	504720.4	5410921.5
L4720.0	504720.4	5410921.5	35686.00000	358.60	0	48.851244	-86.935654	56538.12	56238.4	11.63	56549.75	56551.62109	56623.79942	56627.18750	504720.4	5410921.5
L4720.0	504720.4	5410923.1	35686.19922	359.82	0	48.851258	-86.935654	56537.38	56238.4	11.63	56549.01	56550.94531	56621.25110	56624.95313	504720.4	5410923.1
L4720.0	504720.4	5410924.6	35686.30078	361.61	0	48.851272	-86.935654	56536.54	56238.4	11.63	56548.17	56550.17188	56616.28645	56620.30469	504720.4	5410924.6
L4720.0	504720.4	5410926.6	35686.39844	362.03	0	48.851290	-86.935654	56535.62	56238.4	11.63	56547.25	56549.31641	56609.40435	56613.73047	504720.4	5410926.6
L4720.0	504720.4	5410926.6	35686.50000	362.76	0	48.851290	-86.935654	56535.32	56238.4	11.63	56546.95	56549.08203	56618.17853	56622.80859	504720.4	5410926.6
L4720.0	504720.4	5410928.0	35686.60156	362.94	0	48.851302	-86.935654	56534.42	56238.4	11.63	56546.05	56548.24609	56611.97044	56616.90625	504720.4	5410928.0
L4720.0	504720.4	5410929.4	35686.69922	363.94	0	48.851315	-86.935654	56533.81	56238.4	11.63	56545.43	56547.69141	56612.87316	56618.10547	504720.4	5410929.4
L4720.0	504720.4	5410929.4	35686.80078	364.01	0	48.851315	-86.935654	56532.99	56238.4	11.63	56544.62	56546.94531	56609.08044	56614.60938	504720.4	5410929.4
L4720.0	504720.4	5410931.2	35686.89844	363.44	0	48.851332	-86.935654	56532.45	56238.4	11.63	56544.08	56546.46875	56612.13842	56617.96094	504720.4	5410931.2
L4720.0	504720.4	5410933.1	35687.00000	363.44	0	48.851348	-86.935654	56531.69	56238.4	11.63	56543.32	56545.76953	56609.73806	56615.84766	504720.4	5410933.1
L4720.0	504720.4	5410934.8	35687.00000	363.89	0	48.851364	-86.935654	56531.02	56238.4	11.63	56542.65	56545.16016	56609.65837	56616.05078	504720.4	5410934.8
L4720.0	504720.4	5410934.8	35687.10156	361.87	0	48.851364	-86.935654	56529.95	56238.4	11.63	56541.57	56544.14063	56599.33860	56606.01172	504720.4	5410934.8
L4720.0	504720.4	5410936.3	35687.30078	363.07	0	48.851377	-86.935654	56529.46	56238.4	11.63	56541.09	56543.71875	56604.13447	56611.08594	504720.4	5410936.3
L4720.0	504720.4	5410938.8	35687.39844	360.21	0	48.851399	-86.935654	56528.65	56238.4	11.63	56540.28	56542.96875	56600.68718	56607.91016	504720.4	5410938.8
L4720.0	504720.4	5410938.8	35687.50000	359.29	0	48.851399	-86.935654	56527.98	56238.4	11.63	56539.61	56542.35547	56600.79222	56608.28125	504720.4	5410938.8
L4720.0	504720.4	5410940.1	35687.60156	359.49	0	48.851411	-86.935654	56527.20	56238.4	11.62	56538.82	56541.62500	56597.91421	56605.66797	504720.4	5410940.1
L4720.0	504720.4	5410940.1	35687.69922	362.29	0	48.851411	-86.935654	56526.40	56238.4	11.62	56538.03	56540.89063	56595.05943	56603.07422	504720.4	5410940.1
L4720.0	504720.4	5410941.8	35687.80078	360.91	0	48.851427	-86.935654	56525.74	56238.4	11.62	56537.36	56540.27344	56595.23389	56603.50391	504720.4	5410941.8
L4720.0	504720.4	5410943.7	35687.89844	361.49	0	48.851444	-86.935654	56524.97	56238.4	11.62	56536.59	56539.55859	56592.90581	56601.42969	504720.4	5410943.7
L4720.0	504720.4	5410945.0	35688.00000	361.49	0	48.851456	-86.935654	56524.16	56238.4	11.62	56535.78	56538.80078	56589.57407	56598.34375	504720.4	5410945.0
L4720.0	504720.4	5410945.0	35688.10156	360.91	0	48.851456	-86.935654	56523.47	56238.4	11.62	56535.09	56538.16406	56589.24838	56598.26172	504720.4	5410945.0
L4720.0	504720.4	5410946.7	35688.19922	361.25	0	48.851471	-86.935654	56522.63	56238.4	11.62	56534.25	56537.37500	56585.14072	56594.39063	504720.4	5410946.7
L4720.0	504720.4	5410948.2	35688.30078	361.79	0	48.851484	-86.935654	56522.02	56238.4	11.61	56533.63	56536.80469	56586.53354	56596.01953	504720.4	5410948.2
L4720.0	504720.4	5410948.2	35688.39844	361.86	0	48.851484	-86.935654	56521.28	56238.4	11.61	56532.89	56536.11328	56584.88074	56594.59766	504720.4	5410948.2
L4720.0	504720.4	5410950.0	35688.50000	361.33	0	48.851500	-86.935654	56520.46	56238.4	11.61	56532.07	56535.33984	56581.17798	56591.11719	504720.4	5410950.0
L4720.0	504720.4	5410952.0	35688.60156	360.62	0	48.851518	-86.935655	56519.46	56238.4	11.61	56531.07	56534.38672	56572.90533	56583.06641	504720.4	5410952.0
L4720.0	504720.3	5410953.3	35688.69922	360.80	0	48.851530	-86.935655	56519.03	56238.4	11.61	56530.63	56533.98828	56578.63548	56589.01563	504720.3	5410953.3
L4720.0	504720.3	5410955.0	35688.80078	361.55	0	48.851546	-86.935655	56518.32	56238.4	11.60	56529.92	56533.32422	56577.51768	56588.10938	504720.3	5410955.0
L4720.0	504720.3	5410955.0	35688.89844	362.74	0	48.851546	-86.935655	56517.81	56238.4	11.60	56529.41	56532.85547	56581.34464	56592.14453	504720.3	5410955.0
L4720.0	504720.3	5410956.3	35689.00000	362.74	0	48.851557	-86.935655	56516.71	56238.4	11.60	56528.31	56531.79688	56570.26988	56581.26953	504720.3	5410956.3
L4720.0	504720.3	5410956.3	35689.00000	363.03	0	48.851557	-86.935655	56516.10	56238.4	11.60	56527.70	56531.22656	56571.40340	56582.60156	504720.3	5410956.3
L4720.0	504720.3	5410958.4	35689.10156	362.81	0	48.851576	-86.935655	56515.25	56238.4	11.60	56526.85	56530.41406	56566.40532	56577.80078	504720.3	5410958.4
L4720.0	504720.3	5410960.1	35689.19922	362.17	0	48.851591	-86.935655	56514.72	56238.4	11.60	56526.32	56529.91797	56569.32825	56580.91406	504720.3	5410960.1
L4720.0	504720.3	5410961.6	35689.30078	362.69	0	48.851604	-86.935655	56513.74	56238.4	11.60	56525.34	56528.97266	56560.82798	56572.59766	504720.3	5410961.6
L4720.0	504720.3	5410961.6	35689.39844	364.29	0	48.851604	-86.935655	56513.19	56238.4	11.60	56524.79	56528.45703	56562.99258	56574.94141	504720.3	5410961.6
L4720.0	504720.3	5410963.5	35689.50000	366.51	0	48.851622	-86.935655	56512.57	56238.4	11.60	56524.17	56527.86719	56563.25786	56575.38281	504720.3	5410963.5
L4720.0	504720.3	5410963.5	35689.60156	365.16	0	48.851622	-86.935655	56512.01	56238.4	11.60	56523.61	56527.33984	56564.87933	56577.17578	504720.3	5410963.5
L4720.0	504720.3	5410965.0	35689.69922	364.41	0	48.851635	-86.935655	56510.94	56238.4	11.60	56522.54	56526.29688	56553.53737	56566.00000	504720.3	5410965.0
L4720.0	504720.3	5410966.7	35689.80078	363.19	0	48.851651	-86.935655	56510.25	56238.4	11.60	56521.85	56525.63281	56551.56579	56564.19531	504720.3	5410966.7
L4720.0	504720.3	5410968.0	35689.89844	362.49	0	48.851663	-86.935655	56509.82	56238.4	11.60	56521.42	56525.23047	56555.94907	56568.73438	504720.3	5410968.0
L4720.0	504720.3	5410968.0	35690.00000	361.92	0	48.851663	-86.935655	56509.02	56238.4	11.60	56520.62	56524.45313	56550.85766	56563.79688	504720.3	5410968.0

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4720.0	504720.3	5410970.1	35690.10156	359.93	0	48.851681	-86.935655	56508.34	56238.4	11.60	56519.94	56523.79688	56548.58795	56561.67578	504720.3	5410970.1
L4720.0	504720.3	5410971.9	35690.30078	358.01	0	48.851697	-86.935655	56507.54	56238.4	11.61	56519.15	56523.02734	56543.35713	56556.59375	504720.3	5410971.9
L4720.0	504720.3	5410972.9	35690.39844	358.13	0	48.851706	-86.935655	56506.96	56238.4	11.61	56518.57	56522.46484	56543.19347	56556.57031	504720.3	5410972.9
L4720.0	504720.3	5410972.9	35690.50000	358.02	0	48.851706	-86.935655	56506.32	56238.4	11.61	56517.93	56521.84375	56541.31045	56554.82422	504720.3	5410972.9
L4720.0	504720.3	5410975.0	35690.60156	357.90	0	48.851725	-86.935654	56505.94	56238.4	11.61	56517.55	56521.47656	56545.73710	56559.38281	504720.3	5410975.0
L4720.0	504720.4	5410976.8	35690.69922	356.87	0	48.851741	-86.935654	56504.96	56238.4	11.61	56516.58	56520.51953	56535.12365	56548.89453	504720.4	5410976.8
L4720.0	504720.4	5410976.8	35690.80078	357.80	0	48.851741	-86.935654	56504.56	56238.4	11.62	56516.18	56520.13281	56538.59274	56552.48828	504720.4	5410976.8
L4720.0	504720.4	5410978.3	35690.89844	357.14	0	48.851755	-86.935654	56504.02	56238.4	11.62	56515.64	56519.60156	56538.31096	56552.32422	504720.4	5410978.3
L4720.0	504720.4	5410980.4	35691.00000	357.14	0	48.851774	-86.935654	56503.52	56238.4	11.62	56515.14	56519.10938	56538.79367	56552.92188	504720.4	5410980.4
L4720.0	504720.4	5410980.4	35691.00000	356.45	0	48.851774	-86.935654	56502.77	56238.4	11.62	56514.39	56518.36719	56532.75485	56546.99609	504720.4	5410980.4
L4720.0	504720.4	5410982.1	35691.19922	357.30	0	48.851789	-86.935654	56502.11	56238.4	11.62	56513.73	56517.71094	56528.72855	56543.07422	504720.4	5410982.1
L4720.0	504720.4	5410984.1	35691.30078	360.74	0	48.851807	-86.935654	56501.65	56238.4	11.61	56513.26	56517.24219	56529.22287	56543.67188	504720.4	5410984.1
L4720.0	504720.4	5410984.1	35691.39844	361.69	0	48.851807	-86.935654	56500.98	56238.4	11.61	56512.60	56516.58203	56524.69347	56539.24219	504720.4	5410984.1
L4720.0	504720.4	5410985.6	35691.50000	359.28	0	48.851821	-86.935654	56500.63	56238.4	11.61	56512.24	56516.22266	56527.44265	56542.08203	504720.4	5410985.6
L4720.0	504720.4	5410987.7	35691.60156	359.28	0	48.851840	-86.935654	56499.86	56238.4	11.61	56511.47	56515.44922	56519.64081	56534.37109	504720.4	5410987.7
L4720.0	504720.4	5410987.7	35691.69922	350.16	0	48.851840	-86.935654	56499.48	56238.4	11.61	56511.08	56515.05078	56521.12456	56535.94141	504720.4	5410987.7
L4720.0	504720.4	5410989.6	35691.80078	352.10	0	48.851857	-86.935654	56498.99	56238.4	11.60	56510.60	56514.56641	56520.09202	56534.98828	504720.4	5410989.6
L4720.0	504720.4	5410990.7	35691.89844	352.08	0	48.851867	-86.935654	56498.41	56238.4	11.60	56510.01	56513.96484	56516.04160	56531.01563	504720.4	5410990.7
L4720.0	504720.4	5410992.2	35692.00000	352.08	0	48.851881	-86.935654	56498.05	56238.4	11.60	56509.65	56513.59375	56517.51210	56532.55859	504720.4	5410992.2
L4720.0	504720.4	5410992.2	35692.10156	354.26	0	48.851881	-86.935654	56497.39	56238.4	11.60	56508.99	56512.92188	56511.19691	56526.31250	504720.4	5410992.2
L4720.0	504720.4	5410993.8	35692.19922	355.89	0	48.851894	-86.935653	56497.21	56238.4	11.60	56508.81	56512.72656	56516.68470	56531.86719	504720.4	5410993.8
L4720.0	504720.4	5410995.5	35692.30078	353.94	0	48.851910	-86.935653	56496.62	56238.4	11.61	56508.23	56512.12891	56511.88147	56527.12500	504720.4	5410995.5
L4720.0	504720.4	5410997.3	35692.39844	355.21	0	48.851926	-86.935653	56496.21	56238.4	11.61	56507.82	56511.69922	56511.10401	56526.40234	504720.4	5410997.3
L4720.0	504720.4	5410997.3	35692.50000	355.30	0	48.851926	-86.935653	56495.96	56238.4	11.61	56507.57	56511.42578	56514.10568	56529.45703	504720.4	5410997.3
L4720.0	504720.4	5410999.1	35692.60156	354.91	0	48.851942	-86.935653	56495.47	56238.4	11.61	56507.08	56510.91406	56510.84743	56526.24609	504720.4	5410999.1
L4720.0	504720.4	5411001.0	35692.69922	355.44	0	48.851959	-86.935653	56495.19	56238.4	11.61	56506.81	56510.61719	56512.88580	56528.33203	504720.4	5411001.0
L4720.0	504720.4	5411001.0	35692.80078	354.53	0	48.851959	-86.935653	56494.68	56238.4	11.62	56506.30	56510.08203	56508.67639	56524.16406	504720.4	5411001.0
L4720.0	504720.4	5411002.4	35692.89844	352.96	0	48.851972	-86.935653	56494.58	56238.4	11.62	56506.20	56509.94922	56514.54796	56530.07031	504720.4	5411002.4
L4720.0	504720.4	5411004.3	35693.00000	352.96	0	48.851989	-86.935653	56494.38	56238.4	11.62	56506.00	56509.71875	56517.70181	56533.25781	504720.4	5411004.3
L4720.0	504720.4	5411004.3	35693.00000	353.08	0	48.851989	-86.935653	56494.02	56238.4	11.62	56505.64	56509.32422	56516.63951	56532.22266	504720.4	5411004.3
L4720.0	504720.4	5411006.2	35693.19922	351.17	0	48.852006	-86.935653	56493.92	56238.4	11.62	56505.54	56509.19141	56521.91624	56537.52344	504720.4	5411006.2
L4720.0	504720.4	5411007.9	35693.30078	353.23	0	48.852021	-86.935653	56493.38	56238.4	11.62	56505.00	56508.61328	56515.96405	56531.59375	504720.4	5411007.9
L4720.0	504720.4	5411007.9	35693.39844	352.25	0	48.852021	-86.935653	56493.28	56238.4	11.62	56504.90	56508.47266	56520.88999	56536.53516	504720.4	5411007.9
L4720.0	504720.4	5411009.4	35693.50000	352.21	0	48.852035	-86.935653	56492.67	56238.4	11.62	56504.29	56507.82031	56512.84960	56528.50781	504720.4	5411009.4
L4720.0	504720.4	5411010.9	35693.60156	353.78	0	48.852048	-86.935653	56492.62	56238.4	11.62	56504.24	56507.72656	56518.72195	56534.38672	504720.4	5411010.9
L4720.0	504720.4	5411010.9	35693.69922	352.40	0	48.852048	-86.935653	56492.54	56238.4	11.62	56504.16	56507.59766	56523.70330	56539.37109	504720.4	5411010.9
L4720.0	504720.5	5411012.7	35693.80078	351.63	0	48.852065	-86.935652	56492.34	56238.4	11.62	56503.96	56507.35156	56525.54557	56541.21484	504720.5	5411012.7
L4720.0	504720.5	5411014.1	35693.89844	350.42	0	48.852077	-86.935652	56492.34	56238.4	11.62	56503.96	56507.30078	56532.29638	56547.96484	504720.5	5411014.1
L4720.0	504720.5	5411016.2	35694.00000	350.42	0	48.852096	-86.935652	56491.77	56238.4	11.62	56503.39	56506.67578	56524.63338	56540.29297	504720.5	5411016.2
L4720.0	504720.5	5411017.4	35694.10156	352.04	0	48.852107	-86.935652	56491.77	56238.4	11.62	56503.39	56506.62109	56531.19551	56546.84375	504720.5	5411017.4
L4720.0	504720.5	5411017.4	35694.19922	351.39	0	48.852107	-86.935652	56491.52	56238.4	11.62	56503.14	56506.31250	56531.40560	56547.03516	504720.5	5411017.4
L4720.0	504720.5	5411019.0	35694.30078	351.20	0	48.852121	-86.935652	56491.46	56238.4	11.62	56503.09	56506.20313	56536.57703	56552.18750	504720.5	5411019.0
L4720.0	504720.5	5411020.8	35694.39844	352.57	0	48.852137	-86.935651	56490.95	56238.4	11.62	56502.58	56505.63281	56530.15087	56545.73828	504720.5	5411020.8
L4720.0	504720.5	5411020.8	35694.50000	355.01	0	48.852137	-86.935651	56490.81	56238.4	11.63	56502.43	56505.41797	56532.73184	56548.28906	504720.5	5411020.8
L4720.0	504720.5	5411022.6	35694.60156	355.31	0	48.852153	-86.935651	56490.50	56238.4	11.63	56502.12	56505.04297	56531.27689	56546.80078	504720.5	5411022.6
L4720.0	504720.6	5411024.2	35694.69922	353.67	0	48.852168	-86.935651	56490.70	56238.4	11.63	56502.33	56505.18750	56542.87562	56558.36328	504720.6	5411024.2
L4720.0	504720.6	5411026.0	35694.80078	353.61	0	48.852184	-86.935651	56490.60	56238.4	11.63	56502.23	56505.01563	56546.70102	56562.14844	504720.6	5411026.0
L4720.0	504720.6	5411026.0	35694.89844	354.72	0	48.852184	-86.935651	56490.60	56238.4	11.63	56502.23	56504.94141	56553.06306	56568.46484	504720.6	5411026.0
L4720.0	504720.6	5411027.9	35695.00000	354.72	0	48.852201	-86.935651	56490.09	56238.4	11.63	56501.72	56504.35938	56546.65913	56562.01172	504720.6	5411027.9
L4720.0	504720.6	5411027.9	35695.00000	353.32	0	48.852201	-86.935651	56489.94	56238.4	11.63	56501.57	56504.13281	56549.34999	56564.64844	504720.6	5411027.9
L4720.0	504720.6	5411029.8	35695.19922	352.73	0	48.852218	-86.935650	56489.98	56238.4	11.63	56501.61	56504.09375	56556.88154	56572.12500	504720.6	5411029.8
L4720.0	504720.6	5411031.3	35695.30078	355.19	0	48.852232	-86.935650	56489.20	56238.4	11.63	56500.83	56503.23047	56543.90681	56559.08594	504720.6	5411031.3
L4720.0	504720.6	5411031.3	35695.39844	352.27	0	48.852232	-86.935650	56489.17	56238.4	11.63	56500.81	56503.12891	56550.11468	56565.23047	504720.6	5411031.3
L4720.0	504720.6	5411033.2	35695.50000	359.20	0	48.852249	-86.935650	56488.86	56238.4	11.64	56500.50	56502.73438	56549.15342	56564.19922	504720.6	5411033.2
L4720.0	504720.6	5411034.9	35695.60156	359.86	0	48.852264	-86.935650	56488.71	56238.4	11.64	56500.35	56502.49609	56552.33670	56567.30469	504720.6	5411034.9
L4720.0	504720.6	5411036.7	35695.69922	362.74	0	48.852280	-86.935650	56488.58	56238.4	11.64	56500.22	56502.27734	56556.16277	56571.05078	504720.6	5411036.7
L4720.0	504720.6	5411036.7	35695.80078	362.84	0	48.852280	-86.935650	56488.20	56238.4	11.64	56499.84	56501.80469	56553.86518	56568.67188	504720.6	5411036.7
L4720.0	504720.6	5411037.9	35695.89844	361.73	0	48.852292	-86.935650	56488.05	56238.4	11.64	56499.69	56501.55859	56557.50994	56572.22656	504720.6	5411037.9
L4720.0	504720.6	5411037.9	35696.00000	361.73	0	48.852292	-86.935650	56487.64	56238.4	11.64	56499.28	56501.05078	56554.80552	56569.42969	504720.6	5411037.9
L4720.0	504720.6	5411040.1	35696.00000	361.92	0	48.852311	-86.935650	56487.59	56238.4	11.64	56499.23	56500.90234	56561.33250	56575.85938	504720.6	5411040.1
L4720.0	504720.6	5411041.6	35696.19922	362.60	0	48.852325	-86.935650	56487.03	56238.4	11.64	56498.66	56500.23438	56555.00532	56569.43359	504720.6	5411041.6
L4720.0	504720.6	5411041.6	35696.30078	361.37	0	48.852325	-86.935650	56486.98	56238.4	11.63	56498.61	56500.07813	56561.94989	56576.26953	504720.6	5411041.6
L4720.0	504720.6	5411043.1	35696.39844	362.13	0	48.852338	-86.935650	56486.41	56238.4	11.63	56498.05	56499.41406	56556.31294	56570.52344	504720.6	5411043.1
L4720.0	504720.6	5411044.8	35696.50000	361.33	0	48.852354	-86.935650	56486.39	56238.4	11.63	56498.02	56499.27734	56564.21914	56578.31250	504720.6	5411044.8
L4720.0	504720.6	5411046.1	35696.60156	360.93	0	48.852365	-86.935650	56486.00	56238.4	11.63	56497.63	56498.77734	56563.32939	56577.30469	504720.6	5411046.1
L4720.0	504720.6	5411047.8	35696.69922	361.74	0	48.852380	-86.935650	56485.72	56238.4	11.63	56497.35	56498.38281	56565.45402	56579.30469	504720.6	5411047.8
L4720.0	504720.6	5411047.8	35696.80078	361.57	0	48.852380	-86.935650	56485.09	56238.4	11.62	56496.71	56497.62891	56558.79882	56572.51953	504720.6	5411047.8
L4720.0	504720.6	5411049.8	35696.89844	361.19	0	48.852399	-86.935650	56484.70	56238.4	11.62	56496.33	56497.13281	56558.93917	56572.52734	504720.6	5411049.8
L4720.0	504720.6	5411051.4	35697.00000	361.19	0	48.852412	-86.935650	56484.27	56238.4	11.62	56495.89	56496.57422	56557.84581	56571.29297	504720.6	5411051.4
L4720.0	504720.6	5411051.4	35697.00000	360.76	0	48.852412	-86.935650	56483.81	56238.4	11.62	56495.43	56495.99609	56556.52837	56569.83203	504720.6	5411051.4
L4720.0	504720.6	5411053.4	35697.10156	358.02	0	48.852430	-86.935649	56483.61	56238.4	11.62	56495.23	56495.67188	56562.02211	56575.17969	504720.6	5411053.4
L4720.0	504720.7	5411055.4	35697.30078	357.22	0	48.852449	-86.935649	56483.04	56238.4	11.62	56494.66	56494.97656	56558.51086	56571.51172	504720.7	5411055.4
L4720.0	504720.7	5411055.4	35697.39844	356.90	0	48.852449	-86.935649	56482.61	56238.4	11.62	56494.23	56494.41797	56558.80342	56571.64844	504720.7	5411055.4
L4720.0	504720.7	5411057.0	35697.50000	358.59	0	48.852463	-86.935649	56482.00	56238.4	11.62	56493.62	56493.67969	56554.86594	56567.54688	504720.7	5411057.0
L4720.0	504720.7	5411058.5	35697.60156	358.91	0	48.852477	-86.935649	56481.69	56238.4	11.62	56493.31	56493.23828	56558.75192	56571.26563	504720.7	5411058.5
L4720.0	504720.7	5411058.5	35697.69922	358.61	0	48.852477	-86.935649	56481.36	56238.4	11.62	56492.98	56492.77344	56562.42552	56574.76563	504720.7	5411058.5
L4720.0	504720.7	5411060.2	35697.80078	359.10	0	48.852492	-86.935649	56480.59	56238.4	11.62	56492.21	56491.86719	56555.33880	56567.50391	504720.7	5411060.2
L4720.0	504720.7	5411061.8	35697.89844	358.93	0	48.852506	-86.935649	56479.88	56238.4	11.62	56491.50	56491.01953	56550.04437	56562.02344	504720.7	5411061.8
L4720.0	504720.7	5411061.8	35698.00000	358.93	0	48.852506	-86.935649	56479.60	56238.4	11.62	56491.22	56490.59766	56555.82945	56567.62109	504720.7	5411061.8
L4720.0	504720.7	5411063.9	35698.10156	359.37	0	48.852525	-86.935649	56479.02	56238.4	11.62	56490.64	56489.87500	56554.35868	56565.96094	504720.7	5411063.9
L4720.0	504720.7	5411065.1	35698.19922	359.33	0	48.852536	-86.935649	56478.48	56238.4	11.62	56490.10	56489.18750	56554.16381	56565.56641	504720.7	5411065.1
L4720.0	504720.7	5411066.9	35698.30078	358.46	0	48.852552	-86.935649	56477.56	56238.4	11.62	56489.18	56488.12109	56544.69156	56555.89063	504720.7	5411066.9
L4720.0	504720.7	5411068.2	35698.39844	358.45	0	48.852564	-86.935649	56477.05	56238.4	11.62	56488.67	56487.46094	56545.77121	56556.76172	504720.7	5411068.2
L4720.0	504720.7	5411068.2	35698.50000	357.18	0	48.852564	-86.935649	56476.54	56238.4	11.63	56488.16	56486.80078	56547.09842	56557.87891	504720.7	5411068.2
L4720.0	504720.6	5411070.0	35698.60156	357.48	0	48.852580	-86.935649	56475.98	56238.4	11.63	56487.60	56486.08594	56547.40755	56557.96875	504720.6	5411070.0
L4720.0	504720.6	5411071.3	35698.69922	354.07	0	48.852592	-86.935649	56475.23	56238.4	11.63	56486.86	56485.19141	56543.42305	56553.76172	504720.6	5411071.3
L4720.0	504720.6	5411072.5	35698.80078	352.62	0	48.852603	-86.935649	56474.52	56238.4	11.63	56486.15	56484.32422	56540.40586	56550.51563	504720.6	5411072.5
L4720.0	504720.6	5411072.5	35698.89844	359.75	0	48.852603	-86.935649	56473.66	56238.4	11.63	56485.29	56483.30469	56533.82282	56543.69922	504720.6	5411072.5
L4720.0	504720.6	5411074.6	35699.00000	359.75	0	48.852621	-86.935650	56473.09	56238.4	11.63	56484.72	56482.57031	56534.70819	56544.34766	504720.6	5411074.6
L4720.0	504720.6	5411076.1	35699.00000	358.94	0	48.852635	-86.935650	56472.30	56238.4	11.63	56483.93	56481.61719	56530.24035	56539.63672	504720.6	5411076.1
L4720.0	504720.6	5411076.1	35699.19922	358.69	0	48.852635	-86.935650	56471.51	56238.4	11.63	56483.13	56480.65234	56525.67619	56534.82422	504720.6	5411076.1
L4720.0	504720.6	5411078.0	35699.30078	357.72	0	48.852652	-86.935650	56471.00	56238.4	11.62	56482.62	56479.97266	56528.53161	56537.42578	504720.6	5411078.0
L4720.0	504720.6	5411079.1	35699.39844	358.32	0	48.852661	-86.935650	56470.39	56238.4	11.62	56482.01	56479.19141	56528.99537	56537.62891	504720.6	5411079.1

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4720.0	504720.6	5411080.6	35699.50000	357.20	0	48.852675	-86.935650	56469.57	56238.4	11.62	56481.19	56478.19922	56524.28629	56532.65625	504720.6	5411080.6
L4720.0	504720.6	5411080.6	35699.60156	358.33	0	48.852675	-86.935650	56468.86	56238.4	11.62	56480.47	56477.30469	56522.16869	56530.26953	504720.6	5411080.6
L4720.0	504720.6	5411082.6	35699.69922	358.61	0	48.852693	-86.935650	56468.09	56238.4	11.62	56479.71	56476.36719	56519.10642	56526.93359	504720.6	5411082.6
L4720.0	504720.6	5411084.3	35699.80078	359.14	0	48.852708	-86.935650	56467.27	56238.4	11.61	56478.89	56475.37109	56514.57578	56522.12500	504720.6	5411084.3
L4720.0	504720.6	5411085.8	35699.89844	359.95	0	48.852722	-86.935650	56466.69	56238.4	11.61	56478.30	56474.59766	56515.83662	56523.10156	504720.6	5411085.8
L4720.0	504720.6	5411085.8	35700.00000	359.95	0	48.852722	-86.935650	56465.84	56238.4	11.61	56477.45	56473.56641	56510.56194	56517.53516	504720.6	5411085.8
L4720.0	504720.5	5411087.3	35700.10156	359.70	0	48.852736	-86.935650	56465.08	56238.4	11.61	56476.69	56472.62109	56507.51690	56514.19531	504720.5	5411087.3
L4720.0	504720.5	5411087.3	35700.19922	359.56	0	48.852736	-86.935650	56464.32	56238.4	11.62	56475.93	56471.67578	56504.41749	56510.79688	504720.5	5411087.3
L4720.0	504720.5	5411089.6	35700.30078	358.46	0	48.852756	-86.935651	56463.73	56238.4	11.62	56475.35	56470.90625	56505.75901	56511.83594	504720.5	5411089.6
L4720.0	504720.5	5411090.9	35700.39844	361.30	0	48.852768	-86.935651	56462.88	56238.4	11.62	56474.51	56469.87891	56500.46781	56506.23438	504720.5	5411090.9
L4720.0	504720.5	5411092.7	35700.50000	360.76	0	48.852784	-86.935651	56462.22	56238.4	11.63	56473.84	56469.01563	56499.31594	56504.76953	504720.5	5411092.7
L4720.0	504720.5	5411092.7	35700.60156	361.13	0	48.852784	-86.935651	56461.30	56238.4	11.63	56472.93	56467.91406	56491.98233	56497.11719	504720.5	5411092.7
L4720.0	504720.5	5411094.5	35700.69922	359.38	0	48.852800	-86.935651	56460.48	56238.4	11.63	56472.11	56466.89844	56486.72735	56491.53516	504720.5	5411094.5
L4720.0	504720.5	5411096.2	35700.80078	359.75	0	48.852816	-86.935651	56459.92	56238.4	11.63	56471.56	56466.14844	56488.04460	56492.52344	504720.5	5411096.2
L4720.0	504720.5	5411097.7	35700.89844	361.62	0	48.852829	-86.935651	56459.21	56238.4	11.64	56470.84	56465.23047	56484.85906	56489.00781	504720.5	5411097.7
L4720.0	504720.5	5411099.5	35701.00000	361.62	0	48.852845	-86.935652	56458.54	56238.4	11.64	56470.18	56464.37109	56482.91962	56486.73047	504720.5	5411099.5
L4720.0	504720.5	5411099.5	35701.00000	360.01	0	48.852845	-86.935652	56457.60	56238.4	11.64	56469.24	56463.22656	56473.66222	56477.12891	504720.5	5411099.5
L4720.0	504720.4	5411100.9	35701.19922	359.31	0	48.852858	-86.935652	56457.22	56238.4	11.64	56468.85	56462.63281	56477.90203	56481.01953	504720.4	5411100.9
L4720.0	504720.4	5411100.9	35701.30078	360.26	0	48.852858	-86.935652	56456.30	56238.4	11.63	56467.93	56461.50781	56468.49344	56471.26172	504720.4	5411100.9
L4720.0	504720.4	5411103.0	35701.39844	361.47	0	48.852876	-86.935652	56455.56	56238.4	11.63	56467.19	56460.56250	56463.23869	56465.64844	504720.4	5411103.0
L4720.0	504720.4	5411104.5	35701.50000	359.34	0	48.852890	-86.935652	56454.97	56238.4	11.63	56466.60	56459.76172	56461.35859	56463.40625	504720.4	5411104.5
L4720.0	504720.4	5411104.5	35701.60156	359.34	0	48.852890	-86.935652	56454.28	56238.4	11.63	56465.91	56458.86328	56456.54994	56458.23438	504720.4	5411104.5
L4720.0	504720.4	5411106.7	35701.69922	359.89	0	48.852910	-86.935653	56453.54	56238.4	11.63	56465.17	56457.91016	56450.04311	56451.35547	504720.4	5411106.7
L4720.0	504720.4	5411108.2	35701.80078	359.59	0	48.852923	-86.935653	56452.78	56238.4	11.62	56464.40	56456.92969	56442.31561	56443.25391	504720.4	5411108.2
L4720.0	504720.3	5411109.7	35701.89844	358.83	0	48.852937	-86.935653	56452.32	56238.4	11.62	56463.94	56456.25391	56441.88080	56442.44141	504720.3	5411109.7
L4720.0	504720.3	5411109.7	35702.00000	358.83	0	48.852937	-86.935653	56451.61	56238.4	11.62	56463.23	56455.32813	56434.65328	56434.83203	504720.3	5411109.7
L4720.0	504720.3	5411111.6	35702.10156	358.65	0	48.852955	-86.935653	56451.27	56238.4	11.62	56462.89	56454.77344	56436.17863	56435.97266	504720.3	5411111.6
L4720.0	504720.3	5411111.6	35702.19922	358.66	0	48.852955	-86.935653	56450.79	56238.4	11.62	56462.41	56454.07422	56433.62835	56433.03125	504720.3	5411111.6
L4720.0	504720.3	5411113.2	35702.30078	358.07	0	48.852969	-86.935653	56450.36	56238.4	11.62	56461.98	56453.42578	56431.75206	56430.76172	504720.3	5411113.2
L4720.0	504720.3	5411114.8	35702.39844	358.46	0	48.852983	-86.935654	56449.79	56238.4	11.62	56461.41	56452.63672	56425.75826	56424.37109	504720.3	5411114.8
L4720.0	504720.3	5411115.9	35702.50000	359.91	0	48.852993	-86.935654	56449.51	56238.4	11.63	56461.14	56452.14453	56426.67593	56424.88672	504720.3	5411115.9
L4720.0	504720.3	5411115.9	35702.60156	360.08	0	48.852993	-86.935654	56448.92	56238.4	11.63	56460.55	56451.33203	56418.91799	56416.72266	504720.3	5411115.9
L4720.0	504720.3	5411118.3	35702.69922	360.13	0	48.853015	-86.935654	56448.77	56238.4	11.63	56460.40	56450.95703	56421.55073	56418.94531	504720.3	5411118.3
L4720.0	504720.3	5411119.5	35702.80078	359.24	0	48.853025	-86.935654	56448.39	56238.4	11.63	56460.01	56450.34375	56417.48257	56414.46484	504720.3	5411119.5
L4720.0	504720.3	5411120.7	35702.89844	358.28	0	48.853036	-86.935654	56448.06	56238.4	11.63	56459.69	56449.80078	56414.48232	56411.05078	504720.3	5411120.7
L4720.0	504720.3	5411122.2	35703.00000	358.28	0	48.853049	-86.935654	56447.83	56238.4	11.63	56459.46	56449.34375	56413.03798	56409.18750	504720.3	5411122.2
L4720.0	504720.3	5411122.2	35703.00000	359.77	0	48.853049	-86.935654	56447.54	56238.4	11.63	56459.17	56448.82813	56409.36998	56405.09766	504720.3	5411122.2
L4720.0	504720.3	5411124.0	35703.19922	360.95	0	48.853066	-86.935654	56447.19	56238.4	11.63	56458.82	56448.25000	56403.46659	56398.76953	504720.3	5411124.0
L4720.0	504720.2	5411125.6	35703.30078	358.76	0	48.853080	-86.935654	56446.86	56238.4	11.63	56458.49	56447.69141	56397.32619	56392.20313	504720.2	5411125.6
L4720.0	504720.2	5411125.6	35703.39844	360.16	0	48.853080	-86.935654	56446.73	56238.4	11.63	56458.35	56447.32422	56395.20844	56389.65625	504720.2	5411125.6
L4720.0	504720.2	5411126.8	35703.50000	360.16	0	48.853091	-86.935654	56446.66	56238.4	11.63	56458.28	56447.02344	56394.09236	56388.10547	504720.2	5411126.8
L4720.0	504720.2	5411128.5	35703.60156	360.43	0	48.853106	-86.935654	56446.60	56238.4	11.62	56458.23	56446.74609	56392.71608	56386.29688	504720.2	5411128.5
L4720.0	504720.2	5411130.3	35703.69922	360.57	0	48.853123	-86.935655	56446.45	56238.4	11.62	56458.07	56446.35547	56387.81029	56380.95313	504720.2	5411130.3
L4720.0	504720.2	5411130.3	35703.80078	358.55	0	48.853123	-86.935655	56446.45	56238.4	11.62	56458.07	56446.12500	56386.15133	56378.85156	504720.2	5411130.3
L4720.0	504720.2	5411132.1	35703.89844	357.53	0	48.853138	-86.935655	56446.55	56238.4	11.62	56458.17	56445.99609	56386.23051	56378.48828	504720.2	5411132.1
L4720.0	504720.2	5411133.8	35704.00000	357.53	0	48.853153	-86.935655	56446.68	56238.4	11.62	56458.30	56445.89453	56386.28955	56378.10547	504720.2	5411133.8
L4720.0	504720.2	5411133.8	35704.10156	357.34	0	48.853153	-86.935655	56446.88	56238.4	11.62	56458.50	56445.86328	56387.33374	56378.70313	504720.2	5411133.8
L4720.0	504720.2	5411135.6	35704.19922	359.35	0	48.853170	-86.935655	56447.06	56238.4	11.62	56458.68	56445.81250	56387.10555	56378.02734	504720.2	5411135.6
L4720.0	504720.2	5411137.2	35704.30078	359.20	0	48.853184	-86.935655	56447.39	56238.4	11.62	56459.01	56445.91406	56389.87761	56380.35156	504720.2	5411137.2
L4720.0	504720.2	5411138.6	35704.39844	359.20	0	48.853197	-86.935654	56447.46	56238.4	11.62	56459.08	56445.75391	56385.35999	56375.38281	504720.2	5411138.6
L4720.0	504720.2	5411138.6	35704.50000	357.75	0	48.853197	-86.935654	56448.08	56238.4	11.62	56459.69	56446.13281	56393.64788	56383.21875	504720.2	5411138.6
L4720.0	504720.2	5411140.6	35704.60156	357.75	0	48.853215	-86.935654	56448.29	56238.4	11.61	56459.90	56446.11328	56391.14577	56380.26563	504720.2	5411140.6
L4720.0	504720.2	5411142.4	35704.69922	360.03	0	48.853231	-86.935654	56448.72	56238.4	11.61	56460.33	56446.31250	56393.43189	56382.09766	504720.2	5411142.4
L4720.0	504720.2	5411142.4	35704.80078	360.03	0	48.853231	-86.935654	56449.13	56238.4	11.61	56460.74	56446.49219	56394.49092	56382.69922	504720.2	5411142.4
L4720.0	504720.3	5411144.1	35704.89844	360.58	0	48.853246	-86.935654	56449.79	56238.4	11.61	56461.40	56446.92578	56401.11529	56388.86719	504720.3	5411144.1
L4720.0	504720.3	5411145.8	35705.00000	360.58	0	48.853262	-86.935653	56450.07	56238.4	11.61	56461.68	56446.97656	56397.49947	56384.79688	504720.3	5411145.8
L4720.0	504720.3	5411145.8	35705.00000	361.67	0	48.853262	-86.935653	56450.82	56238.4	11.61	56462.43	56447.50000	56405.00269	56391.84375	504720.3	5411145.8
L4720.0	504720.3	5411147.6	35705.19922	362.21	0	48.853278	-86.935653	56451.45	56238.4	11.61	56463.06	56447.90234	56408.82653	56395.21094	504720.3	5411147.6
L4720.0	504720.3	5411149.4	35705.30078	361.03	0	48.853294	-86.935652	56451.88	56238.4	11.61	56463.50	56448.11719	56407.23132	56393.15625	504720.3	5411149.4
L4720.0	504720.4	5411150.6	35705.39844	359.63	0	48.853305	-86.935652	56452.68	56238.4	11.61	56464.29	56448.67969	56413.79599	56399.26563	504720.4	5411150.6
L4720.0	504720.4	5411150.6	35705.50000	359.26	0	48.853305	-86.935652	56453.52	56238.4	11.61	56465.13	56449.29688	56421.00796	56406.01953	504720.4	5411150.6
L4720.0	504720.4	5411152.4	35705.60156	360.71	0	48.853321	-86.935652	56454.16	56238.4	11.62	56465.77	56449.71484	56422.61139	56407.16797	504720.4	5411152.4
L4720.0	504720.4	5411153.9	35705.69922	359.15	0	48.853335	-86.935652	56455.15	56238.4	11.62	56466.77	56450.49219	56432.69102	56416.79297	504720.4	5411153.9
L4720.0	504720.4	5411153.9	35705.80078	358.87	0	48.853335	-86.935652	56455.84	56238.4	11.62	56467.46	56450.96094	56434.44687	56418.09375	504720.4	5411153.9
L4720.0	504720.4	5411156.0	35705.89844	359.82	0	48.853353	-86.935651	56456.58	56238.4	11.62	56468.20	56451.48047	56436.94376	56420.13281	504720.4	5411156.0
L4720.0	504720.4	5411157.8	35706.00000	359.82	0	48.853370	-86.935651	56457.37	56238.4	11.62	56468.99	56452.05078	56440.20779	56422.94531	504720.4	5411157.8
L4720.0	504720.4	5411157.8	35706.00000	361.68	0	48.853370	-86.935651	56458.42	56238.4	11.62	56470.04	56452.88672	56449.53919	56431.82422	504720.4	5411157.8
L4720.0	504720.4	5411159.4	35706.19922	359.96	0	48.853384	-86.935651	56459.18	56238.4	11.62	56470.80	56453.42969	56451.15518	56432.99219	504720.4	5411159.4
L4720.0	504720.5	5411161.1	35706.30078	361.65	0	48.853399	-86.935651	56460.54	56238.4	11.62	56472.15	56454.56641	56467.18173	56448.56641	504720.5	5411161.1
L4720.0	504720.5	5411161.1	35706.39844	363.14	0	48.853399	-86.935651	56461.38	56238.4	11.62	56473.00	56455.20313	56470.27810	56451.21484	504720.5	5411161.1
L4720.0	504720.5	5411162.7	35706.50000	360.77	0	48.853414	-86.935651	56462.50	56238.4	11.62	56474.12	56456.11328	56479.80965	56460.30078	504720.5	5411162.7
L4720.0	504720.5	5411164.9	35706.60156	360.77	0	48.853434	-86.935651	56463.34	56238.4	11.61	56474.96	56456.74609	56481.99669	56462.04688	504720.5	5411164.9
L4720.0	504720.4	5411166.0	35706.69922	358.83	0	48.853443	-86.935651	56464.39	56238.4	11.61	56476.00	56457.57813	56488.92387	56468.53125	504720.4	5411166.0
L4720.0	504720.4	5411166.0	35706.80078	360.38	0	48.853443	-86.935651	56465.28	56238.4	11.61	56476.89	56458.26172	56491.83479	56471.00391	504720.4	5411166.0
L4720.0	504720.4	5411168.0	35706.89844	358.30	0	48.853461	-86.935651	56466.25	56238.4	11.61	56477.86	56459.02734	56496.53757	56475.26953	504720.4	5411168.0
L4720.0	504720.4	5411168.0	35707.00000	358.30	0	48.853461	-86.935651	56467.32	56238.4	11.61	56478.93	56459.89844	56503.56761	56481.86719	504720.4	5411168.0
L4720.0	504720.4	5411169.8	35707.00000	357.09	0	48.853477	-86.935651	56468.17	56238.4	11.61	56479.78	56460.55078	56504.92317	56482.78906	504720.4	5411169.8
L4720.0	504720.4	5411171.7	35707.10156	356.27	0	48.853495	-86.935651	56469.42	56238.4	11.61	56481.03	56461.60156	56516.20661	56493.64453	504720.4	5411171.7
L4720.0	504720.4	5411172.7	35707.30078	356.84	0	48.853504	-86.935651	56470.28	56238.4	11.61	56481.89	56462.26953	56517.61490	56494.62891	504720.4	5411172.7
L4720.0	504720.4	5411172.7	35707.39844	355.68	0	48.853504	-86.935651	56471.36	56238.4	11.61	56482.96	56463.14844	56524.24871	56500.83984	504720.4	5411172.7
L4720.0	504720.4	5411174.2	35707.50000	355.87	0	48.853518	-86.935651	56472.27	56238.4	11.61	56483.88	56463.87891	56527.10285	56503.27734	504720.4	5411174.2
L4720.0	504720.4	5411176.0	35707.60156	355.93	0	48.853534	-86.935652	56473.35	56238.4	11.60	56484.95	56464.76172	56533.74513	56509.50781	504720.4	5411176.0
L4720.0	504720.4	5411176.0	35707.69922	355.63	0	48.853534	-86.935652	56474.42	56238.4	11.60	56486.02	56465.64844	56540.44372	56515.79688	504720.4	5411176.0
L4720.0	504720.4	5411177.8	35707.80078	357.11	0	48.853550	-86.935652	56475.46	56238.4	11.60	56487.06	56466.50781	56546.48003	56521.42578	504720.4	5411177.8
L4720.0	504720.4	5411177.8	35707.89844	357.07	0	48.853550	-86.935652	56476.41	56238.4	11.60	56488.01	56467.27734	56550.38210	56524.92578	504720.4	5411177.8
L4720.0	504720.3	5411179.5	35708.00000	357.07	0	48.853565	-86.935652	56477.56	56238.4	11.60	56489.16	56468.25000	56559.46653	56533.60938	504720.3	5411179.5
L4720.0	504720.3	5411181.5	35708.10156	359.00	0	48.853583	-86.935652	56478.63	56238.4	11.60	56490.23	56469.14844	56566.73679	56540.48828	504720.3	5411181.5
L4720.0	504720.3	5411182.8	35708.19922	359.94	0	48.853594	-86.935652	56479.37	56238.4	11.60	56490.96	56469.70703	56565.69839	56539.06250	504720.3	5411182.8
L4720.0	504720.3	5411182.8	35708.30078	360.99	0	48.853594	-86.935652	56480.24	56238.4	11.59	56491.83	56470.41016	56568.43826	56541.41797	504720.3	5411182.8
L4720.0	504720.3	5411184.6	35708.39844	360.99	0	48.853611	-86.935652	56481.11	56238.4	11.59	56492.70	56471.11719	56571.47460	56544.07422	504720.3	5411184.6
L4720.0	504720.3	5411186.5	35708.50000	361.70	0	48.853628	-86.935652	56482.20	56238.4	11.59	56493.79	56472.04688	56580.36501	56552.58984	504720.3	5411186.5
L4720.0	504720.3	5411187.7	35708.60156	361.70	0	48.853639	-86.935652	56483.20	56238.4	11.59	56494.79	56472.89063	56587.35817	56559.21484	504720.3	5411187.7
L4720.0	504720.3	5411187.7	35708.69922	362.96	0	48.853639	-86.935652	56484.06	56238.4	11.59	56495.65	56473.59375	56591.23107	56562.72656	504720.3	5411187.7

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4720.0	504720.3	5411189.5	35708.80078	361.47	0	48.853655	-86.935652	56484.88	56238.4	11.58	56496.47	56474.26563	56594.52678	56565.66406	504720.3	5411189.5
L4720.0	504720.3	5411191.3	35708.89844	360.09	0	48.853671	-86.935652	56485.75	56238.4	11.58	56497.33	56474.97656	56599.28567	56570.07031	504720.3	5411191.3
L4720.0	504720.3	5411193.1	35709.00000	360.09	0	48.853688	-86.935652	56486.57	56238.4	11.58	56498.15	56475.65234	56603.52991	56573.96875	504720.3	5411193.1
L4720.0	504720.3	5411193.1	35709.00000	358.16	0	48.853688	-86.935652	56487.10	56238.4	11.58	56498.68	56476.03906	56601.01233	56571.10938	504720.3	5411193.1
L4720.0	504720.3	5411194.9	35709.19922	359.78	0	48.853703	-86.935652	56487.77	56238.4	11.58	56499.34	56476.56250	56602.30915	56572.07031	504720.3	5411194.9
L4720.0	504720.3	5411196.4	35709.30078	362.17	0	48.853717	-86.935652	56488.40	56238.4	11.58	56499.98	56477.07031	56603.68301	56573.11719	504720.3	5411196.4
L4720.0	504720.3	5411196.4	35709.39844	362.60	0	48.853717	-86.935652	56489.20	56238.4	11.58	56500.77	56477.73047	56609.43124	56578.54297	504720.3	5411196.4
L4720.0	504720.3	5411198.3	35709.50000	362.60	0	48.853734	-86.935652	56489.91	56238.4	11.58	56501.48	56478.31250	56613.80632	56582.60156	504720.3	5411198.3
L4720.0	504720.3	5411199.9	35709.60156	361.95	0	48.853748	-86.935652	56490.37	56238.4	11.57	56501.95	56478.66016	56612.81775	56581.30469	504720.3	5411199.9
L4720.0	504720.3	5411199.9	35709.69922	361.25	0	48.853748	-86.935652	56491.11	56238.4	11.57	56502.68	56479.26953	56619.04719	56587.23047	504720.3	5411199.9
L4720.0	504720.3	5411201.7	35709.80078	361.41	0	48.853764	-86.935652	56491.54	56238.4	11.57	56503.11	56479.58594	56618.45849	56586.34766	504720.3	5411201.7
L4720.0	504720.4	5411203.6	35709.89844	362.29	0	48.853782	-86.935652	56492.13	56238.4	11.57	56503.70	56480.06250	56622.62737	56590.22656	504720.4	5411203.6
L4720.0	504720.4	5411203.6	35710.00000	362.29	0	48.853782	-86.935652	56492.48	56238.4	11.57	56504.05	56480.30469	56621.53380	56588.85156	504720.4	5411203.6
L4720.0	504720.4	5411204.7	35710.10156	362.58	0	48.853792	-86.935652	56492.95	56238.4	11.56	56504.51	56480.66016	56623.98975	56591.03125	504720.4	5411204.7
L4720.0	504720.4	5411206.4	35710.19922	360.91	0	48.853807	-86.935652	56493.23	56238.4	11.56	56504.78	56480.83203	56622.48462	56589.25781	504720.4	5411206.4
L4720.0	504720.4	5411207.9	35710.30078	360.91	0	48.853820	-86.935652	56493.66	56238.4	11.55	56505.22	56481.17578	56626.07983	56592.58984	504720.4	5411207.9
L4720.0	504720.4	5411207.9	35710.39844	362.48	0	48.853820	-86.935652	56494.09	56238.5	11.55	56505.64	56481.50000	56630.02522	56596.28125	504720.4	5411207.9
L4720.0	504720.4	5411209.4	35710.50000	360.02	0	48.853834	-86.935652	56494.20	56238.5	11.54	56505.74	56481.51172	56626.80766	56592.82031	504720.4	5411209.4
L4720.0	504720.4	5411211.2	35710.60156	358.75	0	48.853850	-86.935652	56494.53	56238.5	11.53	56506.06	56481.75000	56630.00585	56595.77734	504720.4	5411211.2
L4720.0	504720.4	5411212.9	35710.69922	358.75	0	48.853866	-86.935652	56494.76	56238.5	11.53	56506.29	56481.89844	56631.85377	56597.39453	504720.4	5411212.9
L4720.0	504720.4	5411212.9	35710.80078	359.21	0	48.853866	-86.935652	56494.94	56238.5	11.52	56506.46	56481.99219	56633.12206	56598.43750	504720.4	5411212.9
L4720.0	504720.4	5411214.7	35710.89844	358.93	0	48.853882	-86.935652	56494.98	56238.5	11.52	56506.50	56481.96094	56632.06941	56597.16797	504720.4	5411214.7
L4720.0	504720.4	5411216.3	35711.00000	358.93	0	48.853896	-86.935652	56494.94	56238.5	11.51	56506.45	56481.83984	56629.71572	56594.60547	504720.4	5411216.3
L4720.0	504720.4	5411216.3	35711.00000	358.54	0	48.853896	-86.935652	56494.89	56238.5	11.51	56506.40	56481.72656	56628.33553	56593.02344	504720.4	5411216.3
L4720.0	504720.4	5411218.6	35711.10156	358.29	0	48.853917	-86.935651	56495.12	56238.5	11.51	56506.63	56481.89453	56634.97339	56599.46875	504720.4	5411218.6
L4720.0	504720.4	5411218.6	35711.30078	357.90	0	48.853917	-86.935651	56494.96	56238.5	11.51	56506.47	56481.67969	56632.81804	56597.12891	504720.4	5411218.6
L4720.0	504720.4	5411220.2	35711.39844	357.90	0	48.853931	-86.935651	56495.02	56238.5	11.51	56506.52	56481.67578	56636.94750	56601.08203	504720.4	5411220.2
L4720.0	504720.4	5411222.0	35711.50000	357.36	0	48.853947	-86.935651	56494.81	56238.5	11.51	56506.32	56481.42969	56635.82179	56599.78516	504720.4	5411222.0
L4720.0	504720.4	5411223.2	35711.60156	359.23	0	48.853958	-86.935651	56494.63	56238.5	11.50	56506.14	56481.20313	56636.23060	56600.03125	504720.4	5411223.2
L4720.0	504720.4	5411225.0	35711.69922	358.75	0	48.853974	-86.935651	56494.32	56238.5	11.50	56505.83	56480.85156	56634.41624	56598.06641	504720.4	5411225.0
L4720.0	504720.4	5411225.0	35711.80078	358.60	0	48.853974	-86.935651	56494.30	56238.5	11.50	56505.80	56480.78516	56640.68192	56604.18359	504720.4	5411225.0
L4720.0	504720.4	5411226.7	35711.89844	357.75	0	48.853990	-86.935651	56493.84	56238.5	11.50	56505.34	56480.29297	56637.20616	56600.57422	504720.4	5411226.7
L4720.0	504720.4	5411226.7	35712.00000	359.33	0	48.853990	-86.935651	56493.28	56238.5	11.50	56504.78	56479.70703	56632.28137	56595.51953	504720.4	5411226.7
L4720.0	504720.4	5411228.2	35712.10156	358.53	0	48.854003	-86.935651	56493.00	56238.5	11.50	56504.49	56479.39063	56635.20335	56598.32031	504720.4	5411228.2
L4720.0	504720.4	5411229.8	35712.19922	359.48	0	48.854018	-86.935651	56492.62	56238.5	11.50	56504.11	56478.98828	56636.93632	56599.93750	504720.4	5411229.8
L4720.0	504720.4	5411231.4	35712.30078	357.47	0	48.854032	-86.935651	56491.90	56238.5	11.49	56503.39	56478.25391	56631.20562	56594.10547	504720.4	5411231.4
L4720.0	504720.4	5411232.9	35712.39844	359.92	0	48.854046	-86.935651	56491.39	56238.5	11.49	56502.88	56477.73047	56631.82392	56594.62500	504720.4	5411232.9
L4720.0	504720.4	5411232.9	35712.50000	359.92	0	48.854046	-86.935651	56490.91	56238.5	11.49	56502.40	56477.24219	56634.27226	56596.98438	504720.4	5411232.9
L4720.0	504720.4	5411234.6	35712.60156	360.44	0	48.854061	-86.935651	56490.29	56238.5	11.49	56501.78	56476.61719	56634.28176	56596.91406	504720.4	5411234.6
L4720.0	504720.4	5411236.4	35712.69922	358.75	0	48.854077	-86.935651	56489.61	56238.5	11.49	56501.09	56475.92578	56633.60899	56596.16797	504720.4	5411236.4
L4720.0	504720.4	5411236.4	35712.80078	359.34	0	48.854077	-86.935651	56488.86	56238.5	11.48	56500.35	56475.18750	56632.75399	56595.25000	504720.4	5411236.4
L4720.0	504720.4	5411238.1	35712.89844	360.70	0	48.854093	-86.935651	56487.82	56238.5	11.48	56499.30	56474.14453	56625.18480	56587.62500	504720.4	5411238.1
L4720.0	504720.4	5411239.6	35713.00000	360.16	0	48.854105	-86.935651	56487.11	56238.5	11.48	56498.59	56473.44531	56627.21892	56589.61328	504720.4	5411239.6
L4720.0	504720.4	5411239.6	35713.00000	357.97	0	48.854105	-86.935651	56486.21	56238.5	11.48	56497.69	56472.55859	56625.54248	56587.89453	504720.4	5411239.6
L4720.0	504720.4	5411241.3	35713.10156	358.71	0	48.854121	-86.935651	56485.34	56238.5	11.48	56496.82	56471.70703	56625.67335	56587.99609	504720.4	5411241.3
L4720.0	504720.4	5411242.8	35713.30078	358.65	0	48.854135	-86.935651	56484.32	56238.5	11.47	56495.79	56470.69531	56622.83308	56585.13281	504720.4	5411242.8
L4720.0	504720.4	5411242.8	35713.39844	359.92	0	48.854135	-86.935651	56483.27	56238.5	11.47	56494.74	56469.67188	56620.52857	56582.81250	504720.4	5411242.8
L4720.0	504720.4	5411244.6	35713.50000	360.10	0	48.854150	-86.935651	56482.36	56238.5	11.46	56493.82	56468.78125	56622.51677	56584.79297	504720.4	5411244.6
L4720.0	504720.4	5411246.0	35713.60156	358.44	0	48.854163	-86.935651	56481.31	56238.5	11.46	56492.78	56467.76953	56622.50935	56584.78516	504720.4	5411246.0
L4720.0	504720.4	5411247.4	35713.69922	360.27	0	48.854176	-86.935651	56480.01	56238.5	11.46	56491.47	56466.49609	56616.72796	56579.01172	504720.4	5411247.4
L4720.0	504720.3	5411249.1	35713.80078	359.83	0	48.854191	-86.935651	56478.91	56238.5	11.46	56490.37	56465.43359	56617.21274	56579.51172	504720.3	5411249.1
L4720.0	504720.3	5411249.1	35713.89844	357.90	0	48.854191	-86.935651	56477.61	56238.5	11.45	56489.06	56464.16797	56613.40335	56575.72656	504720.3	5411249.1
L4720.0	504720.3	5411251.4	35714.00000	359.68	0	48.854212	-86.935651	56476.26	56238.6	11.45	56487.71	56462.86328	56609.55352	56571.91016	504720.3	5411251.4
L4720.0	504720.3	5411252.9	35714.10156	358.39	0	48.854225	-86.935652	56474.98	56238.6	11.44	56486.42	56461.62109	56608.15819	56570.55078	504720.3	5411252.9
L4720.0	504720.3	5411252.9	35714.19922	359.28	0	48.854225	-86.935652	56473.47	56238.6	11.43	56484.90	56460.15234	56601.91814	56564.35938	504720.3	5411252.9
L4720.0	504720.3	5411255.0	35714.30078	360.61	0	48.854244	-86.935652	56472.13	56238.6	11.42	56483.55	56458.85547	56600.85929	56563.35156	504720.3	5411255.0
L4720.0	504720.3	5411256.4	35714.39844	358.39	0	48.854257	-86.935652	56470.70	56238.6	11.41	56482.11	56457.47266	56598.43360	56560.98828	504720.3	5411256.4
L4720.0	504720.3	5411256.4	35714.50000	359.46	0	48.854257	-86.935652	56469.29	56238.6	11.40	56480.69	56456.11328	56597.38285	56560.00781	504720.3	5411256.4
L4720.0	504720.3	5411258.5	35714.60156	359.49	0	48.854276	-86.935652	56467.71	56238.6	11.40	56479.10	56454.58984	56592.91464	56555.61328	504720.3	5411258.5
L4720.0	504720.3	5411260.2	35714.69922	359.03	0	48.854291	-86.935652	56466.23	56238.6	11.39	56477.61	56453.16406	56591.78634	56554.57031	504720.3	5411260.2
L4720.0	504720.3	5411260.2	35714.80078	358.25	0	48.854291	-86.935652	56464.46	56238.6	11.38	56475.84	56451.46484	56584.43252	56547.30469	504720.3	5411260.2
L4720.0	504720.3	5411261.8	35714.89844	358.25	0	48.854305	-86.935652	56462.78	56238.6	11.37	56474.15	56449.84766	56579.86849	56542.83984	504720.3	5411261.8
L4720.0	504720.3	5411263.6	35715.00000	358.05	0	48.854321	-86.935652	56461.15	56238.6	11.36	56472.51	56448.28125	56577.31548	56540.39063	504720.3	5411263.6
L4720.0	504720.3	5411263.6	35715.00000	359.89	0	48.854321	-86.935652	56459.70	56238.6	11.36	56471.06	56446.91016	56580.26255	56543.44922	504720.3	5411263.6
L4720.0	504720.3	5411265.8	35715.19922	359.15	0	48.854341	-86.935652	56457.70	56238.6	11.36	56469.06	56444.98828	56570.10067	56533.40625	504720.3	5411265.8
L4720.0	504720.3	5411267.4	35715.30078	358.74	0	48.854356	-86.935652	56455.94	56238.6	11.35	56467.29	56443.30078	56566.38771	56529.81641	504720.3	5411267.4
L4720.0	504720.3	5411267.4	35715.39844	360.96	0	48.854356	-86.935652	56454.03	56238.6	11.35	56465.38	56441.47656	56559.80370	56523.36328	504720.3	5411267.4
L4720.0	504720.3	5411268.9	35715.50000	361.61	0	48.854369	-86.935652	56452.32	56238.7	11.35	56463.67	56439.85156	56558.85620	56522.55469	504720.3	5411268.9
L4720.0	504720.3	5411270.4	35715.60156	360.23	0	48.854383	-86.935652	56450.28	56238.7	11.35	56461.63	56437.90234	56550.20590	56514.04688	504720.3	5411270.4
L4720.0	504720.3	5411270.4	35715.69922	360.23	0	48.854383	-86.935652	56448.46	56238.7	11.35	56459.81	56436.17578	56547.63195	56511.62109	504720.3	5411270.4
L4720.0	504720.3	5411272.0	35715.80078	359.47	0	48.854397	-86.935652	56446.55	56238.7	11.34	56457.89	56434.34766	56543.06670	56507.21094	504720.3	5411272.0
L4720.0	504720.3	5411273.5	35715.89844	359.50	0	48.854411	-86.935652	56444.54	56238.7	11.34	56455.88	56432.43359	56536.72824	56501.03516	504720.3	5411273.5
L4720.0	504720.3	5411274.7	35716.00000	358.30	0	48.854421	-86.935652	56442.82	56238.7	11.34	56454.16	56430.81250	56538.12484	56502.60156	504720.3	5411274.7
L4720.0	504720.3	5411274.7	35716.00000	356.79	0	48.854421	-86.935652	56440.71	56238.7	11.34	56452.05	56428.80078	56530.14713	56494.79688	504720.3	5411274.7
L4720.0	504720.3	5411276.6	35716.19922	356.91	0	48.854439	-86.935652	56438.77	56238.7	11.33	56450.10	56426.95313	56526.57097	56491.39844	504720.3	5411276.6
L4720.0	504720.3	5411278.6	35716.30078	357.36	0	48.854456	-86.935652	56436.70	56238.7	11.32	56448.02	56424.97656	56520.07898	56485.09375	504720.3	5411278.6
L4720.0	504720.3	5411279.8	35716.39844	356.95	0	48.854467	-86.935652	56434.50	56238.7	11.32	56445.82	56422.88281	56510.88642	56476.08984	504720.3	5411279.8
L4720.0	504720.3	5411279.8	35716.50000	358.35	0	48.854467	-86.935652	56432.28	56238.7	11.31	56443.60	56420.76953	56501.46809	56466.86719	504720.3	5411279.8
L4720.0	504720.3	5411281.4	35716.60156	358.83	0	48.854482	-86.935652	56430.34	56238.7	11.31	56441.65	56418.92969	56499.06942	56464.66797	504720.3	5411281.4
L4720.0	504720.3	5411282.9	35716.69922	359.19	0	48.854495	-86.935652	56428.33	56238.7	11.31	56439.63	56417.01953	56495.11597	56460.91797	504720.3	5411282.9
L4720.0	504720.3	5411284.3	35716.80078	360.49	0	48.854507	-86.935652	56426.06	56238.7	11.30	56437.36	56414.86328	56485.05076	56451.06641	504720.3	5411284.3
L4720.0	504720.3	5411284.3	35716.89844	360.70	0	48.854507	-86.935652	56423.84	56238.7	11.29	56435.13	56412.74609	56476.11851	56442.34766	504720.3	5411284.3
L4720.0	504720.3	5411285.8	35717.00000	361.41	0	48.854522	-86.935652	56421.70	56238.7	11.29	56432.99	56410.71875	56469.53737	56435.98438	504720.3	5411285.8
L4720.0	504720.3	5411287.4	35717.00000	362.17	0	48.854535	-86.935652	56419.55	56238.7	11.29	56430.84	56408.68359	56462.75887	56429.42969	504720.3	5411287.4
L4720.0	504720.3	5411289.0	35717.10156	362.57	0	48.854550	-86.935651	56417.31	56238.7	11.29	56428.59	56406.55078	56453.48566	56420.38672	504720.3	5411289.0
L4720.0	504720.3	5411289.0	35717.30078	362.39	0	48.854550	-86.935651	56415.24	56238.7	11.29	56426.52	56404.60156	56448.71136	56415.84375	504720.3	5411289.0
L4720.0	504720.3	5411290.8	35717.39844	360.51	0	48.854566	-86.935651	56412.94	56238.7	11.29	56424.22	56402.41797	56438.10355	56405.47266	504720.3	5411290.8
L4720.0	504720.3	5411292.6	35717.50000	360.89	0	48.854582	-86.935651	56410.92	56238.7	11.29	56422.21	56400.52734	56434.68276	56402.29297	504720.3	5411292.6
L4720.0	504720.3	5411292.6	35717.60156	360.85	0	48.854582	-86.935651	56408.60	56238.7	11.28	56419.89	56398.33203	56423.34612	56391.19922	504720.3	5411292.6
L4720.0	504720.3	5411294.6	35717.69922	360.07	0	48.854600	-86.935651	56406.46	56238.7	11.28	56417.74	56396.30078	56416.11041	56384.21094	504720.3	5411294.6
L4720.0	504720.3	5411296.4	35717.80078	359.69	0	48.854617	-86.935651	56404.44	56238.7	11.28	56415.72	56394.40625	56411.93544	56380.28906	504720.3	5411296.4
L4720.0	504720.3	5411297.8	35717.89844	360.91	0	48.854629	-86.935651	56402.27	56238.7	11.28	56413.55	56392.35938	56403.75500	56372.36328	504720.3	5411297.8
L4720.0	504720.3	5411297.8	35718.00000	361.47	0	48.854629	-86.935651	56399.85	56238.7	11.28	56411.13	56390.06250	56389.02337	56357.89063	504720.3	5411297.8

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4720.0	504720.3	5411299.6	35718.10156	360.12	0	48.854645	-86.935651	56397.93	56238.7	11.28	56409.21	56388.26563	56386.53933	56355.66406	504720.3	5411299.6
L4720.0	504720.3	5411301.3	35718.19922	361.30	0	48.854661	-86.935651	56395.84	56238.7	11.28	56407.12	56386.30078	56379.44559	56348.83594	504720.3	5411301.3
L4720.0	504720.3	5411301.3	35718.30078	360.15	0	48.854661	-86.935651	56394.06	56238.7	11.27	56405.33	56384.63672	56379.51150	56349.16797	504720.3	5411301.3
L4720.0	504720.3	5411303.3	35718.39844	359.31	0	48.854678	-86.935651	56391.84	56238.7	11.27	56403.11	56382.54297	56368.37479	56338.30078	504720.3	5411303.3
L4720.0	504720.3	5411304.8	35718.50000	358.86	0	48.854692	-86.935652	56389.97	56238.7	11.27	56401.24	56380.80078	56365.59081	56335.78906	504720.3	5411304.8
L4720.0	504720.3	5411304.8	35718.60156	359.50	0	48.854692	-86.935652	56387.65	56238.7	11.27	56398.92	56378.60547	56351.04145	56321.51172	504720.3	5411304.8
L4720.0	504720.3	5411306.4	35718.69922	358.82	0	48.854706	-86.935652	56385.56	56238.7	11.27	56396.83	56376.64453	56341.77304	56312.51953	504720.3	5411306.4
L4720.0	504720.3	5411308.2	35718.80078	357.64	0	48.854723	-86.935652	56383.44	56238.7	11.26	56394.70	56374.64063	56330.97811	56302.00391	504720.3	5411308.2
L4720.0	504720.3	5411308.2	35718.89844	357.04	0	48.854723	-86.935652	56381.55	56238.7	11.26	56392.81	56372.87891	56325.66107	56296.96875	504720.3	5411308.2
L4720.0	504720.3	5411310.1	35719.00000	358.00	0	48.854740	-86.935652	56379.51	56238.7	11.26	56390.77	56370.96484	56316.00356	56287.59375	504720.3	5411310.1
L4720.0	504720.2	5411311.9	35719.00000	358.65	0	48.854756	-86.935652	56377.80	56238.7	11.26	56389.06	56369.38281	56314.03450	56285.90625	504720.2	5411311.9
L4720.0	504720.2	5411313.2	35719.10156	357.91	0	48.854767	-86.935652	56375.88	56238.7	11.26	56387.14	56367.58984	56306.17152	56278.32813	504720.2	5411313.2
L4720.0	504720.2	5411313.2	35719.19922	358.64	0	48.854767	-86.935652	56374.15	56238.7	11.26	56385.40	56365.97656	56302.18626	56274.63281	504720.2	5411313.2
L4720.0	504720.2	5411314.7	35719.30078	360.17	0	48.854781	-86.935652	56372.41	56238.7	11.25	56383.67	56364.37500	56297.78989	56270.52344	504720.2	5411314.7
L4720.0	504720.2	5411316.3	35719.39844	360.27	0	48.854796	-86.935652	56370.66	56238.7	11.25	56381.91	56362.74219	56291.95937	56264.98047	504720.2	5411316.3
L4720.0	504720.2	5411316.3	35719.50000	360.35	0	48.854796	-86.935652	56369.27	56238.8	11.25	56380.52	56361.47656	56294.72166	56268.03516	504720.2	5411316.3
L4720.0	504720.2	5411318.0	35719.60156	358.49	0	48.854810	-86.935652	56367.34	56238.8	11.25	56378.58	56359.66406	56282.95947	56256.56250	504720.2	5411318.0
L4720.0	504720.2	5411319.2	35719.69922	358.66	0	48.854822	-86.935652	56365.73	56238.8	11.25	56376.97	56358.17969	56278.75573	56252.65234	504720.2	5411319.2
L4720.0	504720.3	5411320.7	35719.80078	358.89	0	48.854835	-86.935652	56364.12	56238.8	11.24	56375.36	56356.69531	56273.81129	56248.00000	504720.3	5411320.7
L4720.0	504720.3	5411322.7	35719.89844	359.06	0	48.854853	-86.935652	56362.66	56238.8	11.24	56373.91	56355.37109	56272.13262	56246.61328	504720.3	5411322.7
L4720.0	504720.3	5411322.7	35720.00000	358.57	0	48.854853	-86.935652	56361.03	56238.8	11.24	56372.27	56353.85547	56264.92143	56239.69531	504720.3	5411322.7
L4720.0	504720.3	5411324.0	35720.10156	358.94	0	48.854865	-86.935651	56359.70	56238.8	11.24	56370.94	56352.64844	56264.72481	56239.79297	504720.3	5411324.0
L4720.0	504720.3	5411325.8	35720.19922	359.45	0	48.854881	-86.935651	56358.35	56238.8	11.24	56369.58	56351.41406	56262.99866	56238.35938	504720.3	5411325.8
L4720.0	504720.3	5411327.4	35720.39844	360.55	0	48.854895	-86.935651	56356.90	56238.8	11.23	56368.13	56350.08594	56258.23131	56233.88672	504720.3	5411327.4
L4720.0	504720.3	5411327.4	35720.50000	360.55	0	48.854895	-86.935651	56355.72	56238.8	11.23	56366.95	56349.03125	56259.45903	56235.41016	504720.3	5411327.4
L4720.0	504720.3	5411328.9	35720.60156	359.88	0	48.854909	-86.935651	56354.52	56238.8	11.23	56365.75	56347.95313	56259.39780	56235.64063	504720.3	5411328.9
L4720.0	504720.3	5411331.0	35720.69922	359.86	0	48.854928	-86.935651	56353.20	56238.8	11.23	56364.43	56346.75391	56255.53611	56232.07031	504720.3	5411331.0
L4720.0	504720.3	5411331.0	35720.80078	357.96	0	48.854928	-86.935651	56352.02	56238.8	11.22	56363.24	56345.68359	56254.15256	56230.98047	504720.3	5411331.0
L4720.0	504720.3	5411332.8	35720.89844	357.39	0	48.854944	-86.935651	56350.98	56238.8	11.22	56362.20	56344.76563	56255.75181	56232.87109	504720.3	5411332.8
L4720.0	504720.3	5411332.8	35721.00000	358.47	0	48.854944	-86.935651	56349.60	56238.8	11.22	56360.82	56343.50391	56248.03362	56225.44531	504720.3	5411332.8
L4720.0	504720.3	5411334.6	35721.00000	359.58	0	48.854960	-86.935651	56348.81	56238.8	11.22	56360.03	56342.83203	56254.35593	56232.05859	504720.3	5411334.6
L4720.0	504720.3	5411336.6	35721.10156	358.37	0	48.854978	-86.935650	56347.66	56238.8	11.22	56358.88	56341.80078	56250.87045	56228.86328	504720.3	5411336.6
L4720.0	504720.3	5411337.9	35721.30078	359.83	0	48.854989	-86.935650	56346.94	56238.8	11.21	56358.15	56341.18750	56257.17121	56235.45313	504720.3	5411337.9
L4720.0	504720.3	5411337.9	35721.39844	360.15	0	48.854989	-86.935650	56345.90	56238.8	11.21	56357.11	56340.26172	56254.93676	56233.50391	504720.3	5411337.9
L4720.0	504720.4	5411339.7	35721.50000	359.92	0	48.855006	-86.935650	56344.83	56238.8	11.21	56356.04	56339.30859	56251.20838	56230.06250	504720.4	5411339.7
L4720.0	504720.4	5411341.7	35721.60156	359.59	0	48.855024	-86.935650	56344.18	56238.8	11.21	56355.39	56338.77344	56257.29726	56236.43750	504720.4	5411341.7
L4720.0	504720.4	5411343.0	35721.69922	360.15	0	48.855036	-86.935650	56343.17	56238.8	11.21	56354.38	56337.87500	56253.62988	56233.05469	504720.4	5411343.0
L4720.0	504720.4	5411343.0	35721.80078	361.54	0	48.855036	-86.935650	56342.84	56238.8	11.20	56354.04	56337.64844	56266.08360	56245.78906	504720.4	5411343.0
L4720.0	504720.4	5411344.7	35721.89844	360.45	0	48.855051	-86.935650	56341.94	56238.8	11.20	56353.14	56336.85938	56263.78721	56243.77344	504720.4	5411344.7
L4720.0	504720.4	5411344.7	35722.00000	361.05	0	48.855051	-86.935650	56341.51	56238.8	11.20	56352.71	56336.53906	56272.61992	56252.88672	504720.4	5411344.7
L4720.0	504720.4	5411346.6	35722.10156	360.64	0	48.855068	-86.935650	56340.74	56238.8	11.20	56351.93	56335.87109	56272.00751	56252.55078	504720.4	5411346.6
L4720.0	504720.4	5411348.1	35722.19922	360.29	0	48.855081	-86.935649	56340.16	56238.8	11.19	56351.35	56335.39844	56275.77781	56256.59766	504720.4	5411348.1
L4720.0	504720.4	5411350.1	35722.30078	361.42	0	48.855100	-86.935649	56339.36	56238.8	11.19	56350.55	56334.70703	56273.40218	56254.49219	504720.4	5411350.1
L4720.0	504720.4	5411350.1	35722.39844	361.67	0	48.855100	-86.935649	56338.77	56238.8	11.19	56349.96	56334.22266	56275.69649	56257.05859	504720.4	5411350.1
L4720.0	504720.4	5411352.1	35722.50000	362.00	0	48.855118	-86.935649	56338.37	56238.8	11.18	56349.55	56333.91797	56281.92633	56263.55859	504720.4	5411352.1
L4720.0	504720.4	5411352.1	35722.60156	361.17	0	48.855118	-86.935649	56337.61	56238.8	11.18	56348.79	56333.26172	56278.80254	56260.70313	504720.4	5411352.1
L4720.0	504720.4	5411353.9	35722.69922	359.05	0	48.855134	-86.935649	56337.45	56238.8	11.18	56348.62	56333.19531	56289.94864	56272.11328	504720.4	5411353.9
L4720.0	504720.4	5411355.3	35722.80078	359.52	0	48.855147	-86.935649	56336.86	56238.8	11.18	56348.04	56332.71875	56290.27424	56272.70313	504720.4	5411355.3
L4720.0	504720.4	5411355.3	35722.89844	357.91	0	48.855147	-86.935649	56336.73	56238.8	11.17	56347.90	56332.67969	56301.14347	56283.83203	504720.4	5411355.3
L4720.0	504720.4	5411357.4	35723.00000	356.05	0	48.855165	-86.935649	56336.15	56238.8	11.17	56347.32	56332.19922	56300.47953	56283.42578	504720.4	5411357.4
L4720.0	504720.4	5411359.0	35723.00000	356.50	0	48.855180	-86.935649	56336.07	56238.8	11.17	56347.24	56332.21875	56311.90669	56295.10938	504720.4	5411359.0
L4720.0	504720.4	5411359.0	35723.10156	360.77	0	48.855180	-86.935649	56335.44	56238.8	11.17	56346.61	56331.68359	56309.07942	56292.53516	504720.4	5411359.0
L4720.0	504720.4	5411360.7	35723.30078	360.43	0	48.855195	-86.935649	56334.92	56238.8	11.16	56346.08	56331.25000	56308.33984	56292.04688	504720.4	5411360.7
L4720.0	504720.5	5411362.3	35723.39844	359.14	0	48.855209	-86.935649	56334.64	56238.8	11.16	56345.80	56331.06641	56313.47470	56297.42969	504720.5	5411362.3
L4720.0	504720.5	5411363.8	35723.50000	358.24	0	48.855223	-86.935648	56334.14	56238.8	11.15	56345.29	56330.65234	56312.45092	56296.64844	504720.5	5411363.8
L4720.0	504720.5	5411365.4	35723.60156	359.25	0	48.855237	-86.935648	56334.06	56238.8	11.15	56345.21	56330.66797	56321.86098	56306.30078	504720.5	5411365.4
L4720.0	504720.5	5411365.4	35723.69922	359.25	0	48.855237	-86.935648	56333.52	56238.9	11.15	56344.67	56330.21875	56319.37585	56304.05469	504720.5	5411365.4
L4720.0	504720.5	5411366.9	35723.80078	358.85	0	48.855251	-86.935648	56333.44	56238.9	11.15	56344.59	56330.23047	56328.11589	56313.03125	504720.5	5411366.9
L4720.0	504720.5	5411368.9	35723.89844	357.72	0	48.855269	-86.935648	56333.04	56238.9	11.14	56344.18	56329.91016	56328.26212	56313.41406	504720.5	5411368.9
L4720.0	504720.5	5411368.9	35724.00000	358.69	0	48.855269	-86.935648	56332.86	56238.9	11.14	56344.00	56329.82031	56333.89406	56319.27734	504720.5	5411368.9
L4720.0	504720.5	5411370.4	35724.10156	357.24	0	48.855283	-86.935648	56332.68	56238.9	11.14	56343.82	56329.72656	56339.25335	56324.86328	504720.5	5411370.4
L4720.0	504720.5	5411372.5	35724.19922	357.59	0	48.855301	-86.935648	56332.24	56238.9	11.14	56343.38	56329.37500	56337.82762	56323.66406	504720.5	5411372.5
L4720.0	504720.5	5411372.5	35724.30078	356.56	0	48.855301	-86.935648	56331.63	56238.9	11.14	56342.77	56328.85156	56331.89241	56317.94922	504720.5	5411372.5
L4720.0	504720.5	5411373.8	35724.39844	357.54	0	48.855313	-86.935647	56331.40	56238.9	11.14	56342.54	56328.70313	56335.27326	56321.55078	504720.5	5411373.8
L4720.0	504720.5	5411375.0	35724.50000	357.26	0	48.855324	-86.935647	56331.07	56238.9	11.14	56342.21	56328.45703	56335.93112	56322.42188	504720.5	5411375.0
L4720.0	504720.5	5411376.6	35724.60156	359.46	0	48.855338	-86.935647	56330.86	56238.9	11.14	56342.00	56328.33203	56339.40337	56326.10938	504720.5	5411376.6
L4720.0	504720.6	5411378.5	35724.69922	359.64	0	48.855355	-86.935647	56330.46	56238.9	11.14	56341.60	56328.01172	56337.91793	56324.83203	504720.6	5411378.5
L4720.0	504720.6	5411378.5	35724.80078	359.12	0	48.855355	-86.935647	56330.18	56238.9	11.14	56341.32	56327.81250	56339.27026	56326.39063	504720.6	5411378.5
L4720.0	504720.6	5411379.9	35724.89844	359.99	0	48.855368	-86.935647	56330.11	56238.9	11.14	56341.25	56327.82422	56345.73053	56333.05859	504720.6	5411379.9
L4720.0	504720.6	5411381.1	35725.00000	361.06	0	48.855379	-86.935647	56329.51	56238.9	11.14	56340.65	56327.30078	56338.72625	56326.25391	504720.6	5411381.1
L4720.0	504720.6	5411383.2	35725.00000	362.17	0	48.855397	-86.935647	56329.21	56238.9	11.14	56340.35	56327.07813	56339.10730	56326.83594	504720.6	5411383.2
L4720.0	504720.6	5411383.2	35725.19922	362.27	0	48.855397	-86.935647	56328.84	56238.9	11.14	56339.98	56326.78516	56337.58999	56325.51172	504720.6	5411383.2
L4720.0	504720.6	5411385.2	35725.30078	362.71	0	48.855415	-86.935646	56328.83	56238.9	11.13	56339.96	56326.83984	56344.72684	56332.83984	504720.6	5411385.2
L4720.0	504720.6	5411385.2	35725.39844	364.95	0	48.855415	-86.935646	56328.16	56238.9	11.13	56339.29	56326.24219	56335.41251	56323.71875	504720.6	5411385.2
L4720.0	504720.6	5411387.1	35725.50000	363.27	0	48.855432	-86.935646	56327.81	56238.9	11.13	56338.94	56325.96484	56334.00813	56322.50000	504720.6	5411387.1
L4720.0	504720.6	5411389.0	35725.60156	363.18	0	48.855450	-86.935646	56327.50	56238.9	11.13	56338.62	56325.71875	56333.23468	56321.91406	504720.6	5411389.0
L4720.0	504720.6	5411390.3	35725.69922	364.50	0	48.855461	-86.935646	56327.16	56238.9	11.13	56338.29	56325.46094	56332.08968	56320.94922	504720.6	5411390.3
L4720.0	504720.6	5411390.3	35725.80078	363.23	0	48.855461	-86.935646	56326.47	56238.9	11.12	56337.60	56324.83984	56321.78540	56310.82422	504720.6	5411390.3
L4720.0	504720.7	5411392.4	35725.89844	363.97	0	48.855480	-86.935645	56326.45	56238.9	11.12	56337.57	56324.87891	56327.93438	56317.14844	504720.7	5411392.4
L4720.0	504720.7	5411393.8	35726.00000	362.06	0	48.855493	-86.935645	56326.07	56238.9	11.12	56337.19	56324.56641	56325.17401	56314.56641	504720.7	5411393.8
L4720.0	504720.7	5411393.8	35726.00000	362.98	0	48.855493	-86.935645	56325.27	56238.9	11.12	56336.39	56323.83203	56311.74452	56301.30859	504720.7	5411393.8
L4720.0	504720.7	5411395.3	35726.19922	362.05	0	48.855506	-86.935645	56325.25	56238.9	11.12	56336.37	56323.87891	56317.77542	56307.50781	504720.7	5411395.3
L4720.0	504720.7	5411397.0	35726.30078	361.63	0	48.855522	-86.935645	56324.89	56238.9	11.12	56336.01	56323.58203	56315.13918	56305.03906	504720.7	5411397.0
L4720.0	504720.7	5411397.0	35726.39844	359.88	0	48.855522	-86.935645	56324.36	56238.9	11.12	56335.48	56323.11719	56308.09981	56298.16797	504720.7	5411397.0
L4720.0	504720.7	5411399.3	35726.50000	361.72	0	48.855542	-86.935645	56324.18	56238.9	11.12	56335.30	56323.00000	56309.70914	56299.94141	504720.7	5411399.3
L4720.0	504720.7	5411399.3	35726.60156	363.96	0	48.855542	-86.935645	56323.36	56238.9	11.12	56334.48	56322.24219	56295.10151	56285.50000	504720.7	5411399.3
L4720.0	504720.7	5411400.8	35726.69922	360.33	0	48.855556	-86.935645	56323.28	56238.9	11.12	56334.40	56322.22266	56298.92219	56289.48047	504720.7	5411400.8
L4720.0	504720.7	5411402.4	35726.80078	358.88	0	48.855570	-86.935645	56322.95	56238.9	11.12	56334.07	56321.95313	56296.30409	56287.01953	504720.7	5411402.4
L4720.0	504720.7	5411403.7	35726.89844	358.88	0	48.855582	-86.935645	56322.47	56238.9	11.12	56333.59	56321.53125	56289.74982	56280.62500	504720.7	5411403.7
L4720.0	504720.7	5411405.0	35727.00000	360.33	0	48.855593	-86.935645	56322.19	56238.9	11.12	56333.31	56321.30859	56288.03901	56279.07422	504720.7	5411405.0
L4720.0	504720.7	5411405.0	35727.00000	359.68	0	48.855593	-86.935645	56321.83	56238.9	11.12	56332.95	56321.00391	56284.13122	56275.32422	504720.7	5411405.0
L4720.0	504720.7	5411406.7	35727.10156	358.98	0	48.855609	-86.935645	56321.40	56238.9	11.12	56332.52	56320.62891	56278.26754	56269.61719	504720.7	5411406.7
L4720.0	504720.7	5411408.2	35727.30078	360.31	0	48.855622	-86.935645	56321.39	56238.9	11.12	56332.51	56320.67578	56282.74166	56274.24609	504720.7	5411408.2

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4720.0	504720.7	5411410.0	35727.39844	361.87	0	48.855638	-86.935645	56320.76	56238.9	11.12	56331.87	56320.08984	56271.17686	56262.83594	504720.7	5411410.0
L4720.0	504720.7	5411411.2	35727.50000	358.96	0	48.855649	-86.935645	56320.76	56238.9	11.12	56331.88	56320.15234	56275.70343	56267.51563	504720.7	5411411.2
L4720.0	504720.7	5411411.2	35727.60156	358.40	0	48.855649	-86.935645	56320.35	56238.9	11.11	56331.47	56319.79297	56269.44192	56261.41016	504720.7	5411411.2
L4720.0	504720.7	5411412.6	35727.69922	360.21	0	48.855662	-86.935645	56319.99	56238.9	11.11	56331.11	56319.48438	56264.18278	56256.30469	504720.7	5411412.6
L4720.0	504720.6	5411414.5	35727.80078	360.93	0	48.855679	-86.935645	56320.12	56238.9	11.11	56331.23	56319.65234	56270.71193	56262.98828	504720.6	5411414.5
L4720.0	504720.6	5411415.7	35727.89844	359.99	0	48.855690	-86.935645	56319.56	56238.9	11.11	56330.67	56319.14063	56259.88970	56252.32422	504720.6	5411415.7
L4720.0	504720.6	5411417.0	35728.00000	358.07	0	48.855701	-86.935646	56319.51	56238.9	11.11	56330.62	56319.14063	56261.58592	56254.17578	504720.6	5411417.0
L4720.0	504720.6	5411417.0	35728.10156	357.81	0	48.855701	-86.935646	56319.16	56238.9	11.11	56330.27	56318.83594	56255.44965	56248.19922	504720.6	5411417.0
L4720.0	504720.6	5411418.1	35728.19922	359.42	0	48.855712	-86.935646	56318.99	56238.9	11.11	56330.10	56318.71094	56253.52257	56246.42969	504720.6	5411418.1
L4720.0	504720.6	5411419.6	35728.30078	359.73	0	48.855725	-86.935646	56319.06	56238.9	11.11	56330.16	56318.81641	56257.04907	56250.11719	504720.6	5411419.6
L4720.0	504720.6	5411419.6	35728.39844	360.50	0	48.855725	-86.935646	56318.82	56238.9	11.11	56329.93	56318.62891	56252.96086	56246.19141	504720.6	5411419.6
L4720.0	504720.6	5411421.2	35728.50000	361.58	0	48.855739	-86.935646	56318.82	56238.9	11.11	56329.93	56318.67188	56254.30482	56247.69922	504720.6	5411421.2
L4720.0	504720.6	5411421.2	35728.60156	363.76	0	48.855739	-86.935646	56319.03	56238.9	11.10	56330.13	56318.91406	56260.31748	56253.87500	504720.6	5411421.2
L4720.0	504720.5	5411423.4	35728.69922	363.24	0	48.855759	-86.935647	56318.64	56238.9	11.10	56329.74	56318.56641	56251.15187	56244.87891	504720.5	5411423.4
L4720.0	504720.5	5411424.5	35728.80078	362.46	0	48.855769	-86.935647	56318.92	56238.9	11.10	56330.02	56318.88672	56258.43789	56252.33203	504720.5	5411424.5
L4720.0	504720.5	5411425.9	35728.89844	362.86	0	48.855781	-86.935648	56318.66	56238.9	11.10	56329.76	56318.66406	56251.78321	56245.85156	504720.5	5411425.9
L4720.0	504720.5	5411427.2	35729.00000	363.48	0	48.855793	-86.935648	56318.54	56238.9	11.10	56329.64	56318.58203	56248.25478	56242.50000	504720.5	5411427.2
L4720.0	504720.5	5411427.2	35729.00000	362.57	0	48.855793	-86.935648	56318.82	56238.9	11.10	56329.92	56318.89844	56254.37380	56248.80078	504720.5	5411427.2
L4720.0	504720.5	5411427.2	35729.10156	362.83	0	48.855793	-86.935648	56319.11	56238.9	11.10	56330.20	56319.21094	56260.08926	56254.69531	504720.5	5411427.2
L4720.0	504720.4	5411429.3	35729.30078	362.46	0	48.855812	-86.935648	56319.08	56238.9	11.09	56330.17	56319.21484	56257.61079	56252.40234	504720.4	5411429.3
L4720.0	504720.4	5411430.5	35729.39844	362.79	0	48.855823	-86.935648	56319.22	56238.9	11.09	56330.31	56319.39063	56258.98597	56253.96875	504720.4	5411430.5
L4720.0	504720.4	5411430.5	35729.50000	363.17	0	48.855823	-86.935648	56319.43	56238.9	11.09	56330.52	56319.63281	56261.69913	56256.87891	504720.4	5411430.5
L4720.0	504720.4	5411433.6	35729.60156	363.54	0	48.855851	-86.935648	56319.82	56238.9	11.09	56330.90	56320.04297	56268.25746	56263.63672	504720.4	5411433.6
L4720.0	504720.4	5411433.6	35729.69922	362.67	0	48.855851	-86.935648	56319.89	56238.9	11.09	56330.98	56320.15234	56266.85605	56262.43750	504720.4	5411433.6
L4720.0	504720.4	5411435.3	35729.80078	362.00	0	48.855866	-86.935648	56319.96	56238.9	11.08	56331.05	56320.25000	56264.77472	56260.56250	504720.4	5411435.3
L4720.0	504720.4	5411435.3	35729.89844	363.60	0	48.855866	-86.935648	56320.15	56238.9	11.08	56331.23	56320.46094	56265.02541	56261.02734	504720.4	5411435.3
L4720.0	504720.4	5411436.7	35730.00000	362.08	0	48.855879	-86.935648	56320.61	56238.9	11.08	56331.69	56320.94531	56271.87643	56268.09766	504720.4	5411436.7
L4720.0	504720.4	5411436.7	35730.10156	361.70	0	48.855879	-86.935648	56320.76	56238.9	11.08	56331.84	56321.12109	56270.51307	56266.95703	504720.4	5411436.7
L4720.0	504720.4	5411438.2	35730.19922	361.16	0	48.855892	-86.935648	56320.78	56238.9	11.08	56331.86	56321.16406	56265.45651	56262.12891	504720.4	5411438.2
L4720.0	504720.4	5411439.7	35730.30078	360.86	0	48.855905	-86.935648	56321.58	56238.9	11.07	56332.65	56321.98047	56279.30836	56276.21875	504720.4	5411439.7
L4720.0	504720.4	5411439.7	35730.39844	358.58	0	48.855905	-86.935648	56321.72	56238.9	11.07	56332.79	56322.14063	56276.41491	56273.56641	504720.4	5411439.7
L4720.0	504720.4	5411441.1	35730.50000	358.34	0	48.855918	-86.935648	56322.09	56238.9	11.07	56333.16	56322.53125	56278.87733	56276.27734	504720.4	5411441.1
L4720.0	504720.4	5411442.7	35730.60156	360.66	0	48.855933	-86.935648	56322.27	56238.9	11.07	56333.33	56322.72266	56275.90300	56273.55859	504720.4	5411442.7
L4720.0	504720.4	5411442.7	35730.69922	361.19	0	48.855933	-86.935648	56323.00	56238.9	11.07	56334.07	56323.48047	56286.83269	56284.75000	504720.4	5411442.7
L4720.0	504720.4	5411444.0	35730.80078	362.87	0	48.855945	-86.935648	56323.31	56238.9	11.06	56334.38	56323.80859	56286.56257	56284.75000	504720.4	5411444.0
L4720.0	504720.5	5411445.2	35730.89844	361.78	0	48.855955	-86.935648	56323.64	56238.9	11.06	56334.70	56324.14453	56286.14866	56284.61328	504720.5	5411445.2
L4720.0	504720.5	5411446.4	35731.00000	360.76	0	48.855966	-86.935648	56324.03	56238.9	11.06	56335.09	56324.55078	56287.10582	56285.85547	504720.5	5411446.4
L4720.0	504720.5	5411447.4	35731.00000	359.42	0	48.855975	-86.935647	56324.25	56238.9	11.06	56335.31	56324.78516	56283.41659	56282.45703	504720.5	5411447.4
L4720.0	504720.5	5411447.4	35731.10156	358.27	0	48.855975	-86.935647	56324.92	56238.9	11.06	56335.98	56325.46484	56290.65924	56290.00000	504720.5	5411447.4
L4720.0	504720.5	5411448.6	35731.30078	357.53	0	48.855986	-86.935647	56325.14	56238.9	11.05	56336.20	56325.69922	56286.24492	56285.89063	504720.5	5411448.6
L4720.0	504720.5	5411448.6	35731.39844	357.44	0	48.855986	-86.935647	56325.84	56238.9	11.05	56336.90	56326.41016	56293.53757	56293.50000	504720.5	5411448.6
L4720.0	504720.5	5411449.9	35731.50000	358.86	0	48.855998	-86.935647	56326.22	56238.9	11.05	56337.27	56326.78906	56292.20967	56292.49609	504720.5	5411449.9
L4720.0	504720.5	5411451.0	35731.60156	359.51	0	48.856007	-86.935647	56326.81	56239	11.05	56337.85	56327.37500	56295.83337	56296.45313	504720.5	5411451.0
L4720.0	504720.5	5411452.2	35731.69922	360.59	0	48.856018	-86.935647	56327.32	56239	11.05	56338.36	56327.89453	56297.39092	56298.35547	504720.5	5411452.2
L4720.0	504720.5	5411452.2	35731.80078	360.80	0	48.856018	-86.935647	56327.78	56239	11.04	56338.82	56328.35938	56297.39820	56298.71094	504720.5	5411452.2
L4720.0	504720.5	5411453.6	35731.89844	360.92	0	48.856031	-86.935647	56328.24	56239	11.04	56339.28	56328.82422	56297.12494	56298.79688	504720.5	5411453.6
L4720.0	504720.5	5411453.6	35732.00000	360.92	0	48.856031	-86.935647	56328.62	56239	11.04	56339.66	56329.20703	56294.57699	56296.62109	504720.5	5411453.6
L4720.0	504720.5	5411454.9	35732.10156	361.63	0	48.856042	-86.935647	56329.08	56239	11.04	56340.12	56329.66797	56293.78710	56296.21094	504720.5	5411454.9
L4720.0	504720.5	5411455.8	35732.19922	359.56	0	48.856051	-86.935648	56329.79	56239	11.04	56340.83	56330.37891	56299.03952	56301.85156	504720.5	5411455.8
L4720.0	504720.5	5411455.8	35732.30078	359.98	0	48.856051	-86.935648	56330.62	56239	11.04	56341.66	56331.20703	56307.08569	56310.29297	504720.5	5411455.8
L4720.0	504720.5	5411456.8	35732.39844	360.27	0	48.856060	-86.935648	56331.12	56239	11.04	56342.16	56331.70703	56306.64200	56310.25781	504720.5	5411456.8
L4720.0	504720.4	5411457.9	35732.50000	362.30	0	48.856069	-86.935648	56331.78	56239	11.04	56342.82	56332.36328	56310.02886	56314.06250	504720.4	5411457.9
L4720.0	504720.4	5411457.9	35732.60156	361.79	0	48.856069	-86.935648	56332.37	56239	11.04	56343.41	56332.94922	56311.48738	56315.94922	504720.4	5411457.9
L4720.0	504720.4	5411460.0	35732.69922	359.57	0	48.856088	-86.935648	56333.16	56239	11.04	56344.20	56333.73438	56317.81400	56322.71484	504720.4	5411460.0
L4720.0	504720.4	5411460.0	35732.80078	358.76	0	48.856088	-86.935648	56333.57	56239	11.04	56344.61	56334.13672	56314.46139	56319.80859	504720.4	5411460.0
L4720.0	504720.4	5411460.8	35732.89844	361.74	0	48.856095	-86.935648	56334.08	56239	11.04	56345.12	56334.64063	56313.49930	56319.30469	504720.4	5411460.8
L4720.0	504720.4	5411460.8	35733.00000	361.02	0	48.856095	-86.935648	56334.34	56239	11.04	56345.38	56334.89063	56306.15583	56312.43359	504720.4	5411460.8
L4720.0	504720.4	5411461.9	35733.00000	362.32	0	48.856105	-86.935648	56335.34	56239	11.04	56346.38	56335.87891	56317.30697	56324.06250	504720.4	5411461.9
L4720.0	504720.4	5411462.9	35733.10156	363.00	0	48.856114	-86.935648	56336.02	56239	11.04	56347.06	56336.54688	56320.35225	56327.59766	504720.4	5411462.9
L4720.0	504720.5	5411463.7	35733.30078	362.09	0	48.856122	-86.935647	56336.99	56239	11.03	56348.02	56337.49609	56330.37435	56338.12109	504720.5	5411463.7
L4720.0	504720.5	5411463.7	35733.39844	362.12	0	48.856122	-86.935647	56337.63	56239	11.03	56348.66	56338.12109	56332.32324	56340.58203	504720.5	5411463.7
L4720.0	504720.5	5411464.8	35733.50000	360.51	0	48.856132	-86.935647	56338.12	56239	11.03	56349.15	56338.59766	56330.48367	56339.26563	504720.5	5411464.8
L4720.0	504720.5	5411465.8	35733.60156	360.56	0	48.856140	-86.935647	56338.95	56239	11.03	56349.98	56339.41016	56337.17547	56346.48828	504720.5	5411465.8
L4720.0	504720.5	5411465.8	35733.69922	361.90	0	48.856140	-86.935647	56339.52	56239	11.03	56350.55	56339.96094	56337.34776	56347.20313	504720.5	5411465.8
L4720.0	504720.5	5411466.6	35733.80078	360.64	0	48.856148	-86.935647	56340.13	56239	11.02	56351.15	56340.54297	56338.29757	56348.70703	504720.5	5411466.6
L4720.0	504720.5	5411467.4	35733.89844	361.05	0	48.856155	-86.935647	56340.82	56239	11.02	56351.84	56341.21094	56341.54617	56352.51953	504720.5	5411467.4
L4720.0	504720.5	5411468.3	35734.00000	361.27	0	48.856163	-86.935647	56341.43	56239	11.02	56352.45	56341.80078	56342.83897	56354.38672	504720.5	5411468.3
L4720.0	504720.5	5411468.3	35734.10156	361.33	0	48.856163	-86.935647	56342.24	56239	11.02	56353.26	56342.58984	56349.22061	56361.35547	504720.5	5411468.3
L4720.0	504720.5	5411469.0	35734.19922	360.71	0	48.856170	-86.935647	56342.50	56239	11.01	56353.52	56342.82422	56341.87150	56354.60156	504720.5	5411469.0
L4720.0	504720.5	5411469.9	35734.30078	362.56	0	48.856177	-86.935646	56343.45	56239	11.01	56354.45	56343.73047	56351.43906	56364.77734	504720.5	5411469.9
L4720.0	504720.5	5411469.9	35734.39844	362.89	0	48.856177	-86.935646	56343.88	56239	11.00	56354.89	56344.14453	56348.80735	56362.76172	504720.5	5411469.9
L4720.0	504720.5	5411470.8	35734.50000	361.92	0	48.856185	-86.935646	56344.67	56239	11.00	56355.67	56344.89844	56354.82960	56369.41406	504720.5	5411470.8
L4720.0	504720.5	5411471.6	35734.60156	364.68	0	48.856192	-86.935646	56345.11	56239	11.00	56356.10	56345.30078	56352.19059	56367.41016	504720.5	5411471.6
L4720.0	504720.5	5411471.6	35734.69922	364.38	0	48.856192	-86.935646	56345.95	56239	10.99	56356.94	56346.10938	56359.98461	56375.85547	504720.5	5411471.6
L4720.0	504720.5	5411472.2	35734.80078	364.33	0	48.856198	-86.935646	56346.38	56239	10.99	56357.37	56346.51172	56357.63083	56374.15625	504720.5	5411472.2
L4720.0	504720.5	5411473.0	35734.89844	364.49	0	48.856205	-86.935646	56347.18	56239	10.98	56358.16	56347.26953	56364.47337	56381.66797	504720.5	5411473.0
L4720.0	504720.5	5411473.0	35735.00000	363.91	0	48.856205	-86.935646	56347.48	56239	10.98	56358.46	56347.53516	56359.17678	56377.05078	504720.5	5411473.0
L4720.0	504720.6	5411473.8	35735.00000	363.18	0	48.856212	-86.935646	56348.42	56239	10.98	56359.40	56348.44141	56370.12360	56388.68750	504720.6	5411473.8
L4720.0	504720.6	5411474.6	35735.10156	362.66	0	48.856220	-86.935645	56348.83	56239	10.98	56359.81	56348.81641	56367.94172	56387.20313	504720.6	5411474.6
L4720.0	504720.6	5411475.2	35735.30078	361.43	0	48.856225	-86.935645	56349.40	56239	10.97	56360.37	56349.34375	56369.71261	56389.67969	504720.6	5411475.2
L4720.0	504720.6	5411475.2	35735.39844	362.36	0	48.856225	-86.935645	56350.06	56239	10.97	56361.03	56349.96484	56374.18647	56394.87109	504720.6	5411475.2
L4720.0	504720.6	5411475.2	35735.50000	362.10	0	48.856225	-86.935645	56350.62	56239	10.97	56361.59	56350.48828	56376.34626	56397.75781	504720.6	5411475.2
L4720.0	504720.6	5411476.5	35735.60156	359.67	0	48.856237	-86.935645	56351.18	56239	10.97	56362.15	56351.00781	56378.70737	56400.85547	504720.6	5411476.5
L4720.0	504720.6	5411476.5	35735.69922	358.44	0	48.856237	-86.935645	56351.74	56239	10.97	56362.70	56351.51953	56381.02238	56403.91406	504720.6	5411476.5
L4720.0	504720.6	5411476.5	35735.80078	358.35	0	48.856237	-86.935645	56352.07	56239	10.96	56363.04	56351.82031	56378.27222	56401.91406	504720.6	5411476.5
L4720.0	504720.7	5411477.1	35735.89844	358.31	0	48.856242	-86.935644	56352.91	56239	10.96	56363.88	56352.61719	56388.28765	56412.69141	504720.7	5411477.1
L4720.0	504720.7	5411477.6	35736.00000	359.46	0	48.856247	-86.935644	56353.20	56239	10.96	56364.16	56352.85547	56384.45334	56409.62891	504720.7	5411477.6
L4720.0	504720.7	5411478.1	35736.00000	359.80	0	48.856251	-86.935644	56353.98	56239	10.96	56364.94	56353.59375	56393.38740	56419.33984	504720.7	5411478.1
L4720.0	504720.7	5411478.6	35736.19922	360.46	0	48.856256	-86.935643	56354.42	56239	10.96	56365.38	56353.98828	56393.99754	56420.73438	504720.7	5411478.6
L4720.0	504720.7	5411478.6	35736.30078	361.38	0	48.856256	-86.935643	56354.63	56239	10.96	56365.58	56354.14453	56388.79466	56416.32422	504720.7	5411478.6
L4720.0	504720.8	5411479.2	35736.39844	359.91	0	48.856261	-86.935643	56355.16	56239	10.96	56366.12	56354.63672	56392.34208	56420.67188	504720.8	5411479.2
L4720.0	504720.8	5411479.6	35736.50000	362.22	0	48.856264	-86.935643	56355.78	56239	10.96	56366.73	56355.20313	56397.85869	56427.00000	504720.8	5411479.6
L4720.0	504720.8	5411479.6	35736.60156	361.30	0	48.856264	-86.935643	56356.03	56239	10.95	56366.98	56355.40625	56394.54519	56424.50000	504720.8	5411479.6

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4720.0	504720.8	5411480.0	35736.69922	360.65	0	48.856268	-86.935643	56356.59	56239	10.95	56367.54	56355.91797	56399.22319	56430.00000	504720.8	5411480.0
L4720.0	504720.8	5411480.4	35736.80078	362.21	0	48.856271	-86.935643	56357.05	56239	10.95	56368.00	56356.32813	56401.59457	56433.19922	504720.8	5411480.4
L4720.0	504720.8	5411480.4	35736.89844	362.93	0	48.856271	-86.935643	56357.38	56239	10.95	56368.33	56356.60938	56400.90270	56433.33984	504720.8	5411480.4
L4720.0	504720.8	5411480.7	35737.00000	361.30	0	48.856275	-86.935642	56357.51	56239.1	10.95	56368.46	56356.69141	56395.38609	56428.66406	504720.8	5411480.7
L4720.0	504720.8	5411481.1	35737.00000	363.77	0	48.856278	-86.935642	56357.89	56239.1	10.95	56368.84	56357.01953	56396.34024	56430.46484	504720.8	5411481.1
L4720.0	504720.8	5411481.4	35737.10156	362.85	0	48.856281	-86.935642	56358.17	56239.1	10.95	56369.12	56357.25000	56394.97191	56429.94922	504720.8	5411481.4
L4720.0	504720.8	5411481.7	35737.30078	361.48	0	48.856284	-86.935642	56358.46	56239.1	10.94	56369.40	56357.48047	56393.78722	56429.62109	504720.8	5411481.7
L4720.0	504720.8	5411481.7	35737.39844	360.68	0	48.856284	-86.935642	56358.63	56239.1	10.94	56369.57	56357.59766	56390.01873	56426.71484	504720.8	5411481.7
L4720.0	504720.8	5411482.0	35737.50000	361.42	0	48.856286	-86.935642	56358.96	56239.1	10.94	56369.90	56357.87500	56390.44066	56428.00000	504720.8	5411482.0
L4720.0	504720.8	5411482.3	35737.60156	360.02	0	48.856289	-86.935642	56359.09	56239.1	10.94	56370.03	56357.95313	56386.00742	56424.43750	504720.8	5411482.3
L4720.0	504720.8	5411482.3	35737.69922	363.16	0	48.856289	-86.935642	56359.39	56239.1	10.94	56370.33	56358.19922	56386.00373	56425.30859	504720.8	5411482.3
L4720.0	504720.8	5411482.6	35737.80078	361.94	0	48.856292	-86.935642	56359.81	56239.1	10.93	56370.74	56358.55469	56388.91663	56429.09766	504720.8	5411482.6
L4720.0	504720.8	5411482.8	35737.89844	362.04	0	48.856294	-86.935642	56359.96	56239.1	10.93	56370.89	56358.65234	56385.44875	56426.51172	504720.8	5411482.8
L4720.0	504720.8	5411482.8	35738.00000	362.36	0	48.856294	-86.935642	56360.26	56239.1	10.93	56371.19	56358.89844	56385.88866	56427.83594	504720.8	5411482.8
L4720.0	504720.8	5411483.0	35738.10156	361.29	0	48.856295	-86.935642	56360.32	56239.1	10.93	56371.25	56358.90234	56380.43648	56423.26953	504720.8	5411483.0
L4720.0	504720.8	5411483.1	35738.19922	358.25	0	48.856296	-86.935642	56360.42	56239.1	10.92	56371.34	56358.93750	56375.86508	56419.58594	504720.8	5411483.1
L4720.0	504720.8	5411483.1	35738.30078	358.17	0	48.856296	-86.935642	56360.26	56239.1	10.92	56371.18	56358.72266	56365.13654	56409.75000	504720.8	5411483.1
L4720.0	504720.8	5411483.2	35738.39844	359.25	0	48.856297	-86.935642	56360.42	56239.1	10.92	56371.34	56358.82813	56362.55672	56408.06250	504720.8	5411483.2
L4720.0	504720.8	5411483.3	35738.50000	359.67	0	48.856298	-86.935643	56360.68	56239.1	10.92	56371.60	56359.03516	56362.59424	56408.99219	504720.8	5411483.3
L4720.0	504720.8	5411483.3	35738.60156	360.90	0	48.856298	-86.935643	56360.62	56239.1	10.91	56371.53	56358.91016	56354.44453	56401.73828	504720.8	5411483.3
L4720.0	504720.8	5411483.4	35738.69922	361.47	0	48.856299	-86.935643	56360.70	56239.1	10.91	56371.61	56358.93359	56350.15351	56398.34375	504720.8	5411483.4
L4720.0	504720.8	5411483.5	35738.80078	361.70	0	48.856300	-86.935643	56360.75	56239.1	10.91	56371.65	56358.91797	56344.94318	56394.02734	504720.8	5411483.5
L4730.0	504728.5	5407644.4	4076.19995	251.08	56.65	48.821764	-86.935582	56108.02	56288.9	-38.93	56069.10	56074.41797	56071.61360	56077.54297	504728.5	5407644.4
L4730.0	504728.5	5407644.5	4076.30005	248.40	48.12	48.821765	-86.935582	56107.65	56288.9	-38.93	56068.72	56074.01563	56071.74698	56077.68359	504728.5	5407644.5
L4730.0	504728.5	5407644.7	4076.39990	245.20	48.12	48.821766	-86.935581	56108.28	56288.9	-38.94	56069.34	56074.61328	56071.81489	56077.75781	504728.5	5407644.7
L4730.0	504728.5	5407644.7	4076.50000	243.37	48.25	48.821766	-86.935581	56109.09	56288.9	-38.94	56070.15	56075.39844	56071.87134	56077.82031	504728.5	5407644.7
L4730.0	504728.5	5407644.8	4076.60010	242.10	48.25	48.821767	-86.935581	56108.07	56288.9	-38.94	56069.13	56074.35156	56072.05102	56078.00781	504728.5	5407644.8
L4730.0	504728.5	5407645.0	4076.69995	244.06	52.78	48.821769	-86.935581	56108.56	56288.9	-38.95	56069.61	56074.80859	56072.13192	56078.09375	504728.5	5407645.0
L4730.0	504728.6	5407645.2	4076.80005	243.31	52.82	48.821771	-86.935581	56108.88	56289	-38.95	56069.93	56075.10547	56072.22473	56078.19141	504728.6	5407645.2
L4730.0	504728.6	5407645.2	4076.89990	244.93	53.08	48.821771	-86.935581	56109.71	56289	-38.96	56070.76	56075.91016	56072.28477	56078.25781	504728.6	5407645.2
L4730.0	504728.6	5407645.4	4077.00000	249.08	53.08	48.821772	-86.935581	56109.72	56289	-38.96	56070.76	56075.88672	56072.40139	56078.38281	504728.6	5407645.4
L4730.0	504728.6	5407645.5	4077.10010	249.64	53.75	48.821773	-86.935581	56109.82	56289	-38.96	56070.86	56075.96094	56072.51260	56078.50000	504728.6	5407645.5
L4730.0	504728.6	5407645.7	4077.19995	249.11	52.47	48.821775	-86.935580	56110.02	56289	-38.97	56071.05	56076.12891	56072.61906	56078.60938	504728.6	5407645.7
L4730.0	504728.7	5407645.9	4077.30005	245.80	52.47	48.821777	-86.935580	56110.00	56289	-38.97	56071.03	56076.08203	56072.74078	56078.73828	504728.7	5407645.9
L4730.0	504728.7	5407646.1	4077.39990	250.11	49.03	48.821779	-86.935579	56109.21	56289	-38.98	56070.23	56075.25781	56072.91577	56078.91797	504728.7	5407646.1
L4730.0	504728.7	5407646.1	4077.50000	251.01	52.56	48.821779	-86.935579	56109.95	56289	-38.98	56070.97	56075.97266	56072.98935	56078.99609	504728.7	5407646.1
L4730.0	504728.8	5407646.6	4077.60010	252.27	52.56	48.821783	-86.935578	56109.95	56289	-38.98	56070.97	56075.94922	56073.11352	56079.12891	504728.8	5407646.6
L4730.0	504728.8	5407646.6	4077.69995	250.19	52.19	48.821783	-86.935578	56109.79	56289	-38.99	56070.80	56075.75391	56073.25030	56079.26953	504728.8	5407646.6
L4730.0	504728.8	5407646.9	4077.69995	250.19	52.19	48.821786	-86.935578	56110.18	56289	-38.99	56071.19	56076.12109	56073.35100	56079.37500	504728.8	5407646.9
L4730.0	504728.8	5407647.1	4077.80005	247.90	53.12	48.821788	-86.935577	56110.47	56289	-38.99	56071.48	56076.38672	56073.45963	56079.48828	504728.8	5407647.1
L4730.0	504728.9	5407647.4	4078.00000	249.32	54.05	48.821791	-86.935576	56110.73	56289	-39.00	56071.73	56076.60938	56073.57219	56079.60547	504728.9	5407647.4
L4730.0	504728.9	5407647.6	4078.10010	248.46	48.34	48.821793	-86.935576	56111.26	56289	-39.00	56072.25	56077.10547	56073.66801	56079.70703	504728.9	5407647.6
L4730.0	504729.0	5407648.0	4078.19995	247.38	46.54	48.821796	-86.935575	56111.14	56289	-39.01	56072.13	56076.96094	56073.80775	56079.85156	504729.0	5407648.0
L4730.0	504729.0	5407648.2	4078.30005	248.26	46.54	48.821798	-86.935575	56111.46	56289	-39.01	56072.45	56077.25391	56073.91940	56079.96484	504729.0	5407648.2
L4730.0	504729.0	5407648.2	4078.39990	247.64	45.68	48.821798	-86.935575	56112.02	56289	-39.02	56073.00	56077.78125	56074.01697	56080.06641	504729.0	5407648.2
L4730.0	504729.0	5407648.6	4078.50000	247.03	45.68	48.821801	-86.935574	56112.53	56289	-39.03	56073.51	56078.26563	56074.11843	56080.17188	504729.0	5407648.6
L4730.0	504729.1	5407648.9	4078.60010	249.28	44.33	48.821804	-86.935574	56112.18	56289	-39.03	56073.15	56077.87891	56074.27913	56080.33594	504729.1	5407648.9
L4730.0	504729.1	5407649.3	4078.69995	252.55	43.42	48.821808	-86.935573	56112.60	56289	-39.04	56073.56	56078.26172	56074.38972	56080.45313	504729.1	5407649.3
L4730.0	504729.1	5407649.6	4078.80005	253.83	42.99	48.821811	-86.935573	56113.32	56289	-39.04	56074.28	56078.95703	56074.48086	56080.54688	504729.1	5407649.6
L4730.0	504729.2	5407650.1	4078.89990	253.54	42.99	48.821814	-86.935573	56112.37	56289	-39.05	56073.32	56077.97266	56074.68520	56080.75391	504729.2	5407650.1
L4730.0	504729.2	5407650.1	4079.00000	251.51	43.02	48.821814	-86.935573	56113.04	56289.1	-39.05	56073.99	56078.61719	56074.78206	56080.85156	504729.2	5407650.1
L4730.0	504729.2	5407650.6	4079.10010	243.66	48.77	48.821820	-86.935572	56112.60	56289.1	-39.06	56073.54	56078.14063	56074.95478	56081.02734	504729.2	5407650.6
L4730.0	504729.2	5407651.1	4079.19995	245.05	48.77	48.821824	-86.935572	56113.94	56289.1	-39.06	56074.88	56079.45313	56075.00933	56081.08594	504729.2	5407651.1
L4730.0	504729.2	5407651.1	4079.30005	249.20	42.89	48.821824	-86.935572	56113.16	56289.1	-39.07	56074.10	56078.64844	56075.20637	56081.28516	504729.2	5407651.1
L4730.0	504729.2	5407651.6	4079.39990	249.66	42.89	48.821828	-86.935572	56113.92	56289.1	-39.07	56074.85	56079.37109	56075.30256	56081.38281	504729.2	5407651.6
L4730.0	504729.2	5407652.0	4079.50000	248.75	54.73	48.821832	-86.935572	56114.02	56289.1	-39.07	56074.95	56079.44531	56075.44321	56081.52734	504729.2	5407652.0
L4730.0	504729.2	5407652.4	4079.60010	247.52	55.51	48.821836	-86.935572	56115.18	56289.1	-39.08	56076.10	56080.56641	56075.51497	56081.60156	504729.2	5407652.4
L4730.0	504729.2	5407652.9	4079.69995	245.33	55.51	48.821840	-86.935573	56114.58	56289.1	-39.08	56075.49	56079.92969	56075.70516	56081.79297	504729.2	5407652.9
L4730.0	504729.2	5407653.4	4079.69995	245.33	55.93	48.821844	-86.935573	56115.02	56289.1	-39.08	56075.94	56080.35547	56075.82576	56081.91406	504729.2	5407653.4
L4730.0	504729.2	5407653.4	4079.80005	246.48	48.05	48.821844	-86.935573	56115.34	56289.1	-39.09	56076.25	56080.63672	56075.95676	56082.04688	504729.2	5407653.4
L4730.0	504729.1	5407654.1	4080.00000	246.58	48.05	48.821851	-86.935573	56115.79	56289.1	-39.10	56076.69	56081.05078	56076.08013	56082.17188	504729.1	5407654.1
L4730.0	504729.1	5407654.7	4080.10010	247.25	48.5	48.821856	-86.935573	56116.65	56289.1	-39.11	56077.54	56081.87500	56076.17719	56082.26953	504729.1	5407654.7
L4730.0	504729.1	5407655.1	4080.19995	247.98	48.5	48.821860	-86.935574	56115.71	56289.1	-39.11	56076.60	56080.90625	56076.39458	56082.48828	504729.1	5407655.1
L4730.0	504729.1	5407655.1	4080.30005	248.85	47.03	48.821860	-86.935574	56116.63	56289.1	-39.12	56077.50	56081.78125	56076.49028	56082.58594	504729.1	5407655.1
L4730.0	504729.0	5407656.0	4080.39990	248.94	47.03	48.821868	-86.935574	56116.13	56289.1	-39.13	56077.00	56081.25000	56076.68028	56082.77734	504729.0	5407656.0
L4730.0	504729.0	5407656.3	4080.50000	247.45	55.59	48.821870	-86.935575	56116.95	56289.1	-39.13	56077.82	56082.04297	56076.78321	56082.88281	504729.0	5407656.3
L4730.0	504729.0	5407657.0	4080.60010	247.00	55.59	48.821877	-86.935575	56118.04	56289.1	-39.14	56078.90	56083.09766	56076.86971	56082.96875	504729.0	5407657.0
L4730.0	504729.0	5407657.0	4080.69995	247.67	56.5	48.821877	-86.935575	56118.21	56289.1	-39.15	56079.07	56083.23828	56077.01776	56083.11719	504729.0	5407657.0
L4730.0	504728.9	5407657.7	4080.80005	248.69	53.44	48.821883	-86.935576	56116.75	56289.2	-39.16	56077.59	56081.73047	56077.27668	56083.37891	504728.9	5407657.7
L4730.0	504728.9	5407658.4	4080.89990	248.61	52.22	48.821889	-86.935576	56117.66	56289.2	-39.16	56078.50	56082.61328	56077.37709	56083.48047	504728.9	5407658.4
L4730.0	504728.9	5407658.9	4081.00000	249.97	52.22	48.821894	-86.935576	56118.61	56289.2	-39.17	56079.44	56083.52734	56077.47630	56083.58203	504728.9	5407658.9
L4730.0	504728.9	5407659.5	4081.10010	250.78	48.63	48.821899	-86.935577	56119.40	56289.2	-39.18	56080.23	56084.28906	56077.58630	56083.69141	504728.9	5407659.5
L4730.0	504728.8	5407660.1	4081.19995	252.28	55	48.821904	-86.935577	56119.91	56289.2	-39.18	56080.73	56084.76172	56077.71637	56083.82422	504728.8	5407660.1
L4730.0	504728.8	5407660.7	4081.30005	250.72	55	48.821911	-86.935578	56118.97	56289.2	-39.19	56079.78	56083.78125	56077.94383	56084.05078	504728.8	5407660.7
L4730.0	504728.8	5407660.7	4081.39990	250.68	52.48	48.821911	-86.935578	56120.70	56289.2	-39.19	56081.50	56085.47266	56077.99398	56084.10156	504728.8	5407660.7
L4730.0	504728.8	5407661.4	4081.50000	249.62	57.91	48.821917	-86.935578	56120.75	56289.2	-39.20	56081.55	56085.49609	56078.15612	56084.26563	504728.8	5407661.4
L4730.0	504728.7	5407662.1	4081.60010	249.54	57.91	48.821923	-86.935578	56120.17	56289.2	-39.21	56080.96	56084.87891	56078.36156	56084.47266	504728.7	5407662.1
L4730.0	504728.7	5407662.8	4081.69995	248.46	60.15	48.821929	-86.935579	56120.63	56289.2	-39.21	56081.41	56085.30078	56078.49826	56084.61328	504728.7	5407662.8
L4730.0	504728.7	5407663.6	4081.69995	248.46	60.15	48.821936	-86.935579	56121.50	56289.2	-39.21	56082.29	56086.15234	56078.60686	56084.72266	504728.7	5407663.6
L4730.0	504728.7	5407663.6	4081.80005	249.52	61.02	48.821936	-86.935579	56122.04	56289.2	-39.22	56082.82	56086.65234	56078.73932	56084.85547	504728.7	5407663.6
L4730.0	504728.6	5407664.4	4082.00000	249.30	61.91	48.821944	-86.935580	56123.13	56289.2	-39.23	56083.90	56087.70703	56078.83562	56084.95313	504728.6	5407664.4
L4730.0	504728.6	5407665.2	4082.10010	247.13	61.91	48.821951	-86.935581	56123.58	56289.2	-39.23	56084.35	56088.12500	56078.97438	56085.09375	504728.6	5407665.2
L4730.0	504728.5	5407666.0	4082.19995	248.45	60.17	48.821958	-86.935581	56122.95	56289.2	-39.24	56083.71	56087.45703	56079.18625	56085.30859	504728.5	5407666.0
L4730.0	504728.5	5407666.7	4082.30005	246.21	60.17	48.821964	-86.935581	56123.40	56289.2	-39.24	56084.16	56087.87891	56079.32585	56085.45313	504728.5	5407666.7
L4730.0	504728.5	5407667.6	4082.39990	247.37	63.67	48.821972	-86.935582	56123.94	56289.2	-39.25	56084.69	56088.38281	56079.46048	56085.58984	504728.5	5407667.6
L4730.0	504728.4	5407668.3	4082.50000	246.91	63.83	48.821979	-86.935582	56124.44	56289.3	-39.25	56085.19	56088.85547	56079.59744	56085.73047	504728.4	5407668.3
L4730.0	504728.4	5407668.3	4082.60010	246.54	63.83	48.821979	-86.935582	56125.13	56289.3	-39.25	56085.87	56089.50391	56079.72270	56085.85547	504728.4	5407668.3
L4730.0	504728.4	5407669.1	4082.69995	246.63	64.01	48.821986	-86.935583	56125.20	56289.3	-39.26	56085.94	56089.54688	56079.88890	56086.02734	504728.4	5407669.1
L4730.0	504728.4	5407670.3	4082.80005	248.03	64.01	48.821996	-86.935583	56125.23	56289.3	-39.26	56085.97	56089.55078	56080.05799	56086.19922	504728.4	5407670.3
L4730.0	504728.3	5407671.1	4082.89990	249.50	64.85	48.822004	-86.935584	56125.40	56289.3	-39.27	56086.13	56089.67969	56080.21861	56086.36328	504728.3	5407671.1
L4730.0	504728.3	5407671.1	4083.00000	248.36	64.85	48.822004	-86.935584	56126.19	56289.3	-39.27	56086.92	56090.44141	56080.33739	56086.48828	504728.3	5407671.1
L4730.0	504728.3	5407671.8	4083.10010	250.12	64.85	48.822010	-86.935584	56125.58	56289.3	-39.28	56086.30	56089.79297	56080.55030	56086.70313	504728.3	5407671.8
L4730.0	504728.3	5407672.7	4083.19995	249.94	64.94	48.822018	-86.935584	56126.51	56289.3	-39.28	56087.23	56090.69531	56080.65997	56086.82031	504728.3	5407672.7

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4730.0	504728.3	5407673.6	4083.30005	249.43	65.72	48.822026	-86.935584	56127.31	56289.3	-39.29	56088.02	56091.45703	56080.77903	56086.94531	504728.3	5407673.6
L4730.0	504728.3	5407673.6	4083.39990	251.04	65.72	48.822026	-86.935584	56128.06	56289.3	-39.29	56088.76	56092.16797	56080.90145	56087.07031	504728.3	5407673.6
L4730.0	504728.3	5407674.6	4083.50000	251.34	65.83	48.822035	-86.935585	56127.73	56289.3	-39.30	56088.43	56091.81250	56081.09520	56087.26953	504728.3	5407674.6
L4730.0	504728.3	5407675.5	4083.60010	250.92	66.43	48.822044	-86.935585	56128.66	56289.3	-39.31	56089.36	56092.71094	56081.20490	56087.38672	504728.3	5407675.5
L4730.0	504728.2	5407676.4	4083.69995	250.52	68.42	48.822052	-86.935585	56128.48	56289.3	-39.31	56089.17	56092.49609	56081.38919	56087.57813	504728.2	5407676.4
L4730.0	504728.2	5407677.0	4083.69995	250.52	68.42	48.822057	-86.935585	56128.64	56289.3	-39.31	56089.33	56092.62500	56081.55004	56087.74609	504728.2	5407677.0
L4730.0	504728.2	5407678.0	4083.80005	250.77	67.46	48.822066	-86.935585	56129.81	56289.3	-39.32	56090.49	56093.75781	56081.64408	56087.84375	504728.2	5407678.0
L4730.0	504728.2	5407679.0	4084.00000	251.53	68.26	48.822074	-86.935585	56130.25	56289.3	-39.33	56090.92	56094.16016	56081.78661	56087.99609	504728.2	5407679.0
L4730.0	504728.2	5407679.6	4084.10010	251.76	68.26	48.822080	-86.935586	56130.09	56289.3	-39.34	56090.75	56093.96094	56081.96894	56088.18359	504728.2	5407679.6
L4730.0	504728.2	5407680.5	4084.19995	252.75	69.76	48.822089	-86.935586	56129.75	56289.3	-39.34	56090.40	56093.58203	56082.16303	56088.38672	504728.2	5407680.5
L4730.0	504728.2	5407680.5	4084.30005	253.50	67.19	48.822089	-86.935586	56130.85	56289.4	-39.35	56091.50	56094.65625	56082.26018	56088.49219	504728.2	5407680.5
L4730.0	504728.2	5407681.5	4084.39990	253.06	67.19	48.822097	-86.935586	56131.12	56289.4	-39.36	56091.76	56094.88672	56082.41302	56088.65625	504728.2	5407681.5
L4730.0	504728.1	5407682.5	4084.50000	253.90	71.86	48.822106	-86.935586	56132.03	56289.4	-39.37	56092.67	56095.76953	56082.52220	56088.77344	504728.1	5407682.5
L4730.0	504728.1	5407683.5	4084.60010	252.94	73.4	48.822115	-86.935586	56132.05	56289.4	-39.37	56092.67	56095.74219	56082.69168	56088.95313	504728.1	5407683.5
L4730.0	504728.1	5407684.5	4084.69995	255.02	73.96	48.822124	-86.935587	56132.89	56289.4	-39.38	56093.52	56096.56250	56082.80409	56089.07422	504728.1	5407684.5
L4730.0	504728.1	5407685.2	4084.80005	254.18	73.96	48.822131	-86.935587	56132.61	56289.4	-39.39	56093.22	56096.23828	56082.99275	56089.27344	504728.1	5407685.2
L4730.0	504728.1	5407685.2	4084.89990	253.50	74.44	48.822131	-86.935587	56132.84	56289.4	-39.39	56093.45	56096.43750	56083.14562	56089.43750	504728.1	5407685.2
L4730.0	504728.1	5407686.2	4085.00000	252.93	74.99	48.822139	-86.935587	56133.06	56289.4	-39.40	56093.66	56096.62109	56083.29933	56089.60156	504728.1	5407686.2
L4730.0	504728.1	5407687.2	4085.10010	250.77	74.55	48.822148	-86.935587	56134.25	56289.4	-39.41	56094.85	56097.78125	56083.38720	56089.69922	504728.1	5407687.2
L4730.0	504728.1	5407688.2	4085.19995	247.98	71.48	48.822158	-86.935587	56133.27	56289.4	-39.42	56093.86	56096.76563	56083.61986	56089.94531	504728.1	5407688.2
L4730.0	504728.1	5407689.3	4085.30005	248.09	71.48	48.822167	-86.935587	56133.21	56289.4	-39.42	56093.79	56096.66797	56083.79061	56090.12891	504728.1	5407689.3
L4730.0	504728.1	5407690.3	4085.39990	249.07	64.59	48.822176	-86.935587	56134.48	56289.4	-39.43	56095.05	56097.90234	56083.87209	56090.22266	504728.1	5407690.3
L4730.0	504728.1	5407691.2	4085.50000	246.41	65.89	48.822184	-86.935587	56135.29	56289.4	-39.44	56095.85	56098.67188	56083.98361	56090.34766	504728.1	5407691.2
L4730.0	504728.1	5407692.0	4085.60010	244.54	68.06	48.822192	-86.935587	56136.25	56289.4	-39.45	56096.80	56099.59766	56084.08448	56090.46094	504728.1	5407692.0
L4730.0	504728.1	5407692.0	4085.69995	242.27	70.69	48.822192	-86.935587	56135.17	56289.5	-39.46	56095.71	56098.48047	56084.32066	56090.71094	504728.1	5407692.0
L4730.0	504728.1	5407693.1	4085.69995	242.27	70.69	48.822202	-86.935587	56135.87	56289.5	-39.46	56096.41	56099.15234	56084.43680	56090.84375	504728.1	5407693.1
L4730.0	504728.1	5407694.9	4085.80005	242.26	75.34	48.822218	-86.935587	56136.76	56289.5	-39.46	56097.29	56100.00781	56084.54021	56090.96094	504728.1	5407694.9
L4730.0	504728.1	5407694.9	4086.00000	244.59	78.92	48.822218	-86.935587	56136.64	56289.5	-39.48	56097.16	56099.84766	56084.71018	56091.14844	504728.1	5407694.9
L4730.0	504728.1	5407696.0	4086.10010	242.81	79.37	48.822227	-86.935587	56137.24	56289.5	-39.49	56097.75	56100.41406	56084.83136	56091.28516	504728.1	5407696.0
L4730.0	504728.1	5407697.1	4086.19995	244.30	79.37	48.822238	-86.935587	56136.78	56289.5	-39.50	56097.28	56099.91797	56085.02240	56091.49219	504728.1	5407697.1
L4730.0	504728.1	5407698.3	4086.30005	247.27	79.68	48.822248	-86.935587	56136.93	56289.5	-39.51	56097.42	56100.03125	56085.17193	56091.65625	504728.1	5407698.3
L4730.0	504728.1	5407699.0	4086.39990	247.78	79.68	48.822255	-86.935587	56137.65	56289.5	-39.52	56098.13	56100.71484	56085.28259	56091.78516	504728.1	5407699.0
L4730.0	504728.1	5407700.1	4086.50000	249.43	80.4	48.822265	-86.935587	56137.37	56289.5	-39.53	56097.84	56100.39844	56085.45904	56091.98047	504728.1	5407700.1
L4730.0	504728.1	5407701.0	4086.60010	250.08	80.61	48.822272	-86.935586	56138.20	56289.5	-39.54	56098.65	56101.18359	56085.56123	56092.10156	504728.1	5407701.0
L4730.0	504728.1	5407701.0	4086.69995	249.74	80.61	48.822272	-86.935586	56138.76	56289.6	-39.55	56099.21	56101.71484	56085.67914	56092.23828	504728.1	5407701.0
L4730.0	504728.1	5407702.0	4086.80005	249.18	80.83	48.822281	-86.935586	56139.48	56289.6	-39.56	56099.92	56102.40234	56085.78610	56092.36328	504728.1	5407702.0
L4730.0	504728.1	5407703.1	4086.89990	248.47	81.17	48.822292	-86.935586	56139.16	56289.6	-39.57	56099.59	56102.04688	56085.96140	56092.55859	504728.1	5407703.1
L4730.0	504728.1	5407704.2	4087.00000	248.29	81.17	48.822302	-86.935586	56138.86	56289.6	-39.58	56099.28	56101.71094	56086.13435	56092.75000	504728.1	5407704.2
L4730.0	504728.2	5407705.2	4087.10010	246.55	81.95	48.822311	-86.935586	56139.67	56289.6	-39.58	56100.08	56102.48828	56086.23227	56092.87109	504728.2	5407705.2
L4730.0	504728.2	5407705.2	4087.19995	245.97	81.84	48.822311	-86.935586	56140.43	56289.6	-39.59	56100.84	56103.22266	56086.33180	56092.99219	504728.2	5407705.2
L4730.0	504728.2	5407707.4	4087.30005	247.86	81.84	48.822330	-86.935585	56140.28	56289.6	-39.59	56100.68	56103.03906	56086.49157	56093.17188	504728.2	5407707.4
L4730.0	504728.2	5407708.2	4087.39990	247.86	82.5	48.822338	-86.935585	56139.92	56289.6	-39.60	56100.32	56102.65234	56086.66358	56093.36719	504728.2	5407708.2
L4730.0	504728.2	5407709.2	4087.50000	246.89	82.67	48.822346	-86.935584	56141.11	56289.6	-39.60	56101.50	56103.80859	56086.73179	56093.45703	504728.2	5407709.2
L4730.0	504728.2	5407709.2	4087.60010	248.40	83.11	48.822346	-86.935584	56141.54	56289.6	-39.60	56101.94	56104.22656	56086.84819	56093.59766	504728.2	5407709.2
L4730.0	504728.3	5407710.3	4087.69995	250.06	83.11	48.822356	-86.935584	56142.35	56289.6	-39.61	56102.74	56105.00391	56086.93941	56093.71484	504728.3	5407710.3
L4730.0	504728.3	5407712.1	4087.69995	250.06	73.35	48.822373	-86.935583	56141.84	56289.6	-39.61	56102.23	56104.47266	56087.11677	56093.91406	504728.3	5407712.1
L4730.0	504728.3	5407712.1	4087.80005	249.89	79.5	48.822373	-86.935583	56142.52	56289.6	-39.61	56102.91	56105.12891	56087.21358	56094.03906	504728.3	5407712.1
L4730.0	504728.4	5407713.4	4088.00000	249.55	84.12	48.822384	-86.935583	56141.54	56289.6	-39.62	56101.92	56104.11719	56087.42049	56094.26953	504728.4	5407713.4
L4730.0	504728.4	5407714.5	4088.10010	250.92	84.12	48.822395	-86.935583	56142.20	56289.6	-39.63	56102.57	56104.74219	56087.51681	56094.39063	504728.4	5407714.5
L4730.0	504728.4	5407714.5	4088.19995	248.74	74.01	48.822395	-86.935583	56143.11	56289.6	-39.64	56103.47	56105.62109	56087.59519	56094.49609	504728.4	5407714.5
L4730.0	504728.4	5407715.8	4088.30005	246.39	76.1	48.822406	-86.935582	56143.24	56289.6	-39.65	56103.59	56105.72266	56087.72426	56094.65234	504728.4	5407715.8
L4730.0	504728.4	5407717.0	4088.39990	244.70	76.1	48.822416	-86.935582	56143.77	56289.7	-39.66	56104.11	56106.21875	56087.82536	56094.78125	504728.4	5407717.0
L4730.0	504728.4	5407718.3	4088.50000	242.20	79.79	48.822428	-86.935582	56144.04	56289.7	-39.67	56104.37	56106.46094	56087.94244	56094.92578	504728.4	5407718.3
L4730.0	504728.4	5407719.6	4088.60010	245.26	79.79	48.822440	-86.935582	56143.87	56289.7	-39.67	56104.20	56106.26953	56088.08684	56095.09766	504728.4	5407719.6
L4730.0	504728.4	5407720.8	4088.69995	244.71	79.07	48.822451	-86.935582	56144.42	56289.7	-39.68	56104.74	56106.78906	56088.18253	56095.22266	504728.4	5407720.8
L4730.0	504728.4	5407720.8	4088.80005	246.18	79.07	48.822451	-86.935582	56144.31	56289.7	-39.69	56104.61	56106.64063	56088.32149	56095.39063	504728.4	5407720.8
L4730.0	504728.4	5407721.8	4088.89990	245.27	82.89	48.822460	-86.935582	56145.36	56289.7	-39.70	56105.66	56107.67188	56088.38038	56095.48047	504728.4	5407721.8
L4730.0	504728.4	5407723.2	4089.00000	244.27	84.57	48.822473	-86.935582	56145.23	56289.7	-39.71	56105.52	56107.51172	56088.51717	56095.64844	504728.4	5407723.2
L4730.0	504728.4	5407724.4	4089.10010	246.15	84.57	48.822483	-86.935582	56145.31	56289.7	-39.72	56105.59	56107.56250	56088.63852	56095.80078	504728.4	5407724.4
L4730.0	504728.4	5407724.4	4089.19995	247.04	81.94	48.822483	-86.935582	56145.62	56289.7	-39.72	56105.89	56107.84766	56088.74307	56095.93750	504728.4	5407724.4
L4730.0	504728.5	5407725.7	4089.30005	247.04	73.38	48.822495	-86.935581	56145.99	56289.7	-39.73	56106.26	56108.19922	56088.84148	56096.06641	504728.5	5407725.7
L4730.0	504728.5	5407726.9	4089.39990	246.24	73.38	48.822506	-86.935581	56146.38	56289.7	-39.73	56106.64	56108.56250	56088.93773	56096.19531	504728.5	5407726.9
L4730.0	504728.5	5407726.9	4089.50000	246.31	77.2	48.822506	-86.935581	56146.63	56289.7	-39.74	56106.89	56108.79297	56089.04114	56096.32813	504728.5	5407726.9
L4730.0	504728.4	5407729.4	4089.60010	247.73	77.2	48.822529	-86.935582	56146.17	56289.7	-39.75	56106.43	56108.32031	56089.19036	56096.51172	504728.4	5407729.4
L4730.0	504728.4	5407729.4	4089.69995	248.95	80.79	48.822529	-86.935582	56146.14	56289.8	-39.75	56106.39	56108.26172	56089.31005	56096.66406	504728.4	5407729.4
L4730.0	504728.4	5407730.9	4089.69995	248.95	81.69	48.822542	-86.935582	56146.54	56289.8	-39.75	56106.79	56108.64844	56089.39886	56096.78516	504728.4	5407730.9
L4730.0	504728.4	5407732.1	4089.80005	249.70	81.69	48.822552	-86.935582	56147.21	56289.8	-39.76	56107.45	56109.29297	56089.46877	56096.89063	504728.4	5407732.1
L4730.0	504728.4	5407732.1	4090.00000	249.12	76.65	48.822552	-86.935582	56147.43	56289.8	-39.77	56107.66	56109.48828	56089.56711	56097.02344	504728.4	5407732.1
L4730.0	504728.4	5407733.4	4090.10010	247.42	76.65	48.822565	-86.935582	56147.85	56289.8	-39.77	56108.07	56109.88281	56089.65054	56097.14063	504728.4	5407733.4
L4730.0	504728.4	5407734.5	4090.19995	246.45	80.76	48.822574	-86.935582	56147.05	56289.8	-39.78	56107.27	56109.07031	56089.81303	56097.33984	504728.4	5407734.5
L4730.0	504728.4	5407735.6	4090.30005	247.21	86.8	48.822584	-86.935582	56148.09	56289.8	-39.78	56108.30	56110.08984	56089.85192	56097.41406	504728.4	5407735.6
L4730.0	504728.4	5407736.9	4090.39990	248.95	86.8	48.822596	-86.935582	56147.64	56289.8	-39.79	56107.85	56109.62500	56089.98786	56097.58594	504728.4	5407736.9
L4730.0	504728.4	5407738.1	4090.50000	249.77	86.59	48.822607	-86.935582	56147.28	56289.8	-39.79	56107.48	56109.24609	56090.11684	56097.75000	504728.4	5407738.1
L4730.0	504728.4	5407739.1	4090.60010	247.43	86.59	48.822615	-86.935583	56148.04	56289.8	-39.80	56108.24	56109.99219	56090.16886	56097.83594	504728.4	5407739.1
L4730.0	504728.4	5407739.1	4090.69995	249.06	87.21	48.822615	-86.935583	56148.42	56289.8	-39.81	56108.61	56110.35156	56090.24523	56097.94922	504728.4	5407739.1
L4730.0	504728.3	5407740.4	4090.80005	248.73	87.56	48.822627	-86.935583	56149.00	56289.8	-39.81	56109.19	56110.92188	56090.30594	56098.04688	504728.3	5407740.4
L4730.0	504728.3	5407741.7	4090.89990	247.27	87.56	48.822639	-86.935583	56148.77	56289.8	-39.82	56108.96	56110.68359	56090.41900	56098.19531	504728.3	5407741.7
L4730.0	504728.3	5407743.1	4091.00000	247.04	87.28	48.822651	-86.935583	56148.75	56289.8	-39.82	56108.93	56110.64453	56090.51706	56098.33203	504728.3	5407743.1
L4730.0	504728.3	5407743.1	4091.10010	249.01	81.83	48.822651	-86.935583	56149.51	56289.8	-39.83	56109.68	56111.38281	56090.56145	56098.41016	504728.3	5407743.1
L4730.0	504728.3	5407745.0	4091.19995	250.07	81.83	48.822669	-86.935583	56148.72	56289.8	-39.84	56108.88	56110.57422	56090.70749	56098.59375	504728.3	5407745.0
L4730.0	504728.3	5407745.7	4091.30005	251.93	84.07	48.822675	-86.935583	56148.93	56289.8	-39.85	56109.08	56110.76953	56090.78517	56098.70703	504728.3	5407745.7
L4730.0	504728.3	5407747.3	4091.39990	251.12	85.75	48.822689	-86.935583	56148.68	56289.9	-39.86	56108.82	56110.50000	56090.89184	56098.85156	504728.3	5407747.3
L4730.0	504728.3	5407748.3	4091.50000	249.87	85.75	48.822699	-86.935583	56150.04	56289.9	-39.87	56110.17	56111.84375	56090.88947	56098.88672	504728.3	5407748.3
L4730.0	504728.3	5407748.3	4091.60010	251.48	84.31	48.822699	-86.935583	56149.36	56289.9	-39.87	56109.48	56111.14844	56091.02140	56099.05469	504728.3	5407748.3
L4730.0	504728.3	5407749.7	4091.69995	252.22	84.31	48.822711	-86.935583	56149.88	56289.9	-39.88	56110.00	56111.66406	56091.07096	56099.14063	504728.3	5407749.7
L4730.0	504728.3	5407751.0	4091.69995	252.22	87.12	48.822722	-86.935583	56149.62	56289.9	-39.88	56109.73	56111.38672	56091.17148	56099.28125	504728.3	5407751.0
L4730.0	504728.3	5407752.0	4091.80005	252.69	88.03	48.822732	-86.935583	56149.99	56289.9	-39.89	56110.10	56111.75391	56091.22762	56099.37109	504728.3	5407752.0
L4730.0	504728.3	5407753.4	4092.00000	249.17	88.03	48.822744	-86.935584	56150.19	56289.9	-39.91	56110.28	56111.92969	56091.29471	56099.47656	504728.3	5407753.4
L4730.0	504728.3	5407753.4	4092.10010	246.24	88.57	48.822744	-86.935584	56150.46	56289.9	-39.92	56110.54	56112.18750	56091.35475	56099.57422	504728.3	5407753.4
L4730.0	504728.3	5407754.7	4092.19995	245.96	87.94	48.822756	-86.935584	56150.27	56289.9	-39.92	56110.35	56111.99219	56091.44307	56099.69922	504728.3	5407754.7
L4730.0	504728.3	5407756.0	4092.30005	245.43	87.94	48.822767	-86.935584	56150.46	56289.9	-39.93	56110.53	56112.17188	56091.50501	56099.79688	504728.3	5407756.0
L4730.0	504728.3	5407757.1	4092.39990	244.55	88.51	48.822778	-86.935584	56150.41	56289.9	-39.94	56110.48	56112.12109	56091.58055	56099.90625	504728.3	5407757.1
L4730.0	504728.3	5407758.4	4092.50000	246.53	76.85	48.822789	-86.935584	56150.48	56289.9	-39.95	56110.53	56112.16797	56091.64770	56100.01172	504728.3	5407758.4

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4730.0	504728.3	5407758.4	4092.60010	244.92	78.98	48.822789	-86.935584	56150.82	56290	-39.95	56110.87	56112.50781	56091.69380	56100.09375	504728.3	5407758.4
L4730.0	504728.2	5407759.8	4092.69995	242.19	78.98	48.822802	-86.935584	56150.82	56290	-39.96	56110.86	56112.49609	56091.76151	56100.19531	504728.2	5407759.8
L4730.0	504728.2	5407760.7	4092.80005	243.03	81.37	48.822810	-86.935584	56150.98	56290	-39.97	56111.01	56112.64844	56091.81683	56100.28516	504728.2	5407760.7
L4730.0	504728.2	5407762.1	4092.89990	244.81	81.37	48.822823	-86.935584	56150.85	56290	-39.97	56110.87	56112.50781	56091.88976	56100.39063	504728.2	5407762.1
L4730.0	504728.2	5407763.4	4093.00000	244.65	85.01	48.822834	-86.935584	56150.77	56290	-39.98	56110.79	56112.42969	56091.95697	56100.49219	504728.2	5407763.4
L4730.0	504728.2	5407764.7	4093.10010	244.23	85.01	48.822846	-86.935584	56150.87	56290	-39.99	56110.88	56112.52344	56092.01112	56100.58203	504728.2	5407764.7
L4730.0	504728.2	5407766.0	4093.19995	244.43	89.49	48.822858	-86.935584	56151.25	56290	-40.00	56111.26	56112.90625	56092.04423	56100.64844	504728.2	5407766.0
L4730.0	504728.2	5407766.0	4093.30005	246.07	89.57	48.822858	-86.935584	56151.23	56290	-40.00	56111.22	56112.86719	56092.10362	56100.73828	504728.2	5407766.0
L4730.0	504728.2	5407767.5	4093.39990	246.51	89.57	48.822871	-86.935584	56151.45	56290	-40.01	56111.44	56113.08984	56092.14397	56100.81250	504728.2	5407767.5
L4730.0	504728.2	5407768.8	4093.50000	245.84	89.91	48.822882	-86.935584	56151.36	56290	-40.02	56111.33	56112.98438	56092.20461	56100.90625	504728.2	5407768.8
L4730.0	504728.2	5407770.1	4093.60010	245.27	89.91	48.822894	-86.935584	56151.41	56290	-40.03	56111.39	56113.05078	56092.25221	56100.98438	504728.2	5407770.1
L4730.0	504728.2	5407770.1	4093.69995	248.59	89.46	48.822894	-86.935584	56151.75	56290	-40.04	56111.71	56113.37500	56092.28078	56101.04297	504728.2	5407770.1
L4730.0	504728.2	5407771.6	4093.69995	248.59	89.46	48.822908	-86.935584	56151.21	56290	-40.04	56111.18	56112.85156	56092.36432	56101.15625	504728.2	5407771.6
L4730.0	504728.2	5407773.1	4093.80005	248.35	89.51	48.822922	-86.935584	56151.28	56290	-40.04	56111.23	56112.90625	56092.40751	56101.22656	504728.2	5407773.1
L4730.0	504728.2	5407774.2	4094.00000	247.97	89.51	48.822931	-86.935584	56151.36	56290.1	-40.06	56111.30	56112.98047	56092.44767	56101.29688	504728.2	5407774.2
L4730.0	504728.2	5407775.7	4094.10010	249.89	89.56	48.822945	-86.935584	56151.36	56290.1	-40.06	56111.29	56112.97656	56092.49149	56101.36719	504728.2	5407775.7
L4730.0	504728.2	5407775.7	4094.19995	250.79	89.58	48.822945	-86.935584	56152.31	56290.1	-40.07	56112.24	56113.93750	56092.46964	56101.37109	504728.2	5407775.7
L4730.0	504728.2	5407777.1	4094.30005	248.98	89.65	48.822957	-86.935584	56150.75	56290.1	-40.07	56110.68	56112.38281	56092.61345	56101.54297	504728.2	5407777.1
L4730.0	504728.2	5407778.3	4094.39990	249.80	89.65	48.822968	-86.935584	56151.86	56290.1	-40.08	56111.79	56113.50000	56092.57761	56101.53125	504728.2	5407778.3
L4730.0	504728.2	5407779.7	4094.50000	249.35	89.61	48.822981	-86.935584	56151.24	56290.1	-40.08	56111.16	56112.87891	56092.65611	56101.63672	504728.2	5407779.7
L4730.0	504728.2	5407779.7	4094.60010	245.89	89.61	48.822981	-86.935584	56151.32	56290.1	-40.08	56111.23	56112.95703	56092.68629	56101.68750	504728.2	5407779.7
L4730.0	504728.2	5407781.3	4094.69995	246.98	89.61	48.822995	-86.935584	56151.56	56290.1	-40.09	56111.47	56113.20703	56092.70351	56101.73047	504728.2	5407781.3
L4730.0	504728.2	5407782.9	4094.80005	247.51	89.61	48.823009	-86.935584	56151.48	56290.1	-40.09	56111.39	56113.13672	56092.74043	56101.78906	504728.2	5407782.9
L4730.0	504728.2	5407782.9	4094.89990	247.45	89.61	48.823009	-86.935584	56151.28	56290.1	-40.10	56111.18	56112.93750	56092.78440	56101.85156	504728.2	5407782.9
L4730.0	504728.2	5407784.6	4095.00000	246.98	89.61	48.823024	-86.935584	56151.61	56290.1	-40.10	56111.51	56113.27734	56092.79075	56101.87891	504728.2	5407784.6
L4730.0	504728.2	5407785.7	4095.10010	244.45	89.61	48.823034	-86.935584	56150.67	56290.1	-40.11	56110.56	56112.33984	56092.88082	56101.98828	504728.2	5407785.7
L4730.0	504728.2	5407787.4	4095.19995	244.63	89.61	48.823050	-86.935584	56151.15	56290.1	-40.12	56111.03	56112.82031	56092.87464	56102.00000	504728.2	5407787.4
L4730.0	504728.2	5407787.4	4095.30005	245.16	89.61	48.823050	-86.935584	56151.18	56290.1	-40.13	56111.05	56112.85156	56092.89687	56102.03516	504728.2	5407787.4
L4730.0	504728.2	5407789.0	4095.39990	246.48	89.61	48.823064	-86.935584	56151.28	56290.1	-40.14	56111.14	56112.95313	56092.91285	56102.06641	504728.2	5407789.0
L4730.0	504728.2	5407790.8	4095.50000	243.88	89.61	48.823080	-86.935584	56151.10	56290.1	-40.15	56110.95	56112.77344	56092.94594	56102.11719	504728.2	5407790.8
L4730.0	504728.2	5407790.8	4095.60010	241.44	89.61	48.823080	-86.935584	56151.25	56290.2	-40.16	56111.09	56112.92578	56092.95546	56102.13672	504728.2	5407790.8
L4730.0	504728.2	5407792.8	4095.69995	243.24	89.61	48.823098	-86.935584	56151.28	56290.2	-40.17	56111.11	56112.96094	56092.97143	56102.16797	504728.2	5407792.8
L4730.0	504728.2	5407794.2	4095.69995	243.24	89.61	48.823111	-86.935583	56151.14	56290.2	-40.17	56110.97	56112.83203	56092.99654	56102.20313	504728.2	5407794.2
L4730.0	504728.2	5407794.2	4095.80005	244.02	89.61	48.823111	-86.935583	56151.02	56290.2	-40.18	56110.84	56112.71484	56093.01944	56102.23438	504728.2	5407794.2
L4730.0	504728.3	5407795.7	4096.00000	244.86	89.61	48.823124	-86.935583	56151.48	56290.2	-40.20	56111.28	56113.16797	56093.00283	56102.22656	504728.3	5407795.7
L4730.0	504728.3	5407797.2	4096.10010	246.53	89.61	48.823138	-86.935583	56151.43	56290.2	-40.20	56111.23	56113.13281	56093.01738	56102.24609	504728.3	5407797.2
L4730.0	504728.3	5407797.2	4096.20020	247.88	89.61	48.823138	-86.935583	56150.72	56290.2	-40.21	56110.51	56112.42578	56093.07509	56102.31250	504728.3	5407797.2
L4730.0	504728.3	5407798.3	4096.29981	247.51	89.61	48.823148	-86.935583	56150.41	56290.2	-40.21	56110.20	56112.12891	56093.10398	56102.34375	504728.3	5407798.3
L4730.0	504728.3	5407800.2	4096.39990	249.43	89.61	48.823165	-86.935583	56150.81	56290.2	-40.22	56110.59	56112.53516	56093.08474	56102.32813	504728.3	5407800.2
L4730.0	504728.3	5407800.2	4096.50000	249.74	109.8	48.823165	-86.935583	56150.72	56290.2	-40.22	56110.50	56112.45703	56093.09602	56102.33984	504728.3	5407800.2
L4730.0	504728.3	5407801.5	4096.60010	248.05	109.8	48.823177	-86.935583	56150.92	56290.2	-40.22	56110.70	56112.67188	56093.08652	56102.33203	504728.3	5407801.5
L4730.0	504728.3	5407802.8	4096.70020	247.78	130	48.823188	-86.935583	56150.32	56290.2	-40.23	56110.10	56112.08594	56093.12891	56102.37109	504728.3	5407802.8
L4730.0	504728.3	5407803.9	4096.79981	248.25	130	48.823198	-86.935583	56150.44	56290.2	-40.23	56110.21	56112.21094	56093.12254	56102.36328	504728.3	5407803.9
L4730.0	504728.3	5407805.2	4096.89990	247.28	130	48.823210	-86.935583	56150.97	56290.2	-40.24	56110.74	56112.75781	56093.08674	56102.32422	504728.3	5407805.2
L4730.0	504728.3	5407806.8	4097.00000	244.90	130	48.823225	-86.935583	56150.90	56290.2	-40.24	56110.66	56112.69141	56093.09021	56102.32031	504728.3	5407806.8
L4730.0	504728.2	5407807.9	4097.10010	246.50	130	48.823234	-86.935583	56150.15	56290.2	-40.25	56109.90	56111.94531	56093.13761	56102.36328	504728.2	5407807.9
L4730.0	504728.2	5407807.9	4097.20020	245.05	130	48.823234	-86.935583	56150.87	56290.3	-40.26	56110.61	56112.67188	56093.08563	56102.30078	504728.2	5407807.9
L4730.0	504728.2	5407809.6	4097.29981	240.36	130	48.823250	-86.935583	56149.21	56290.3	-40.26	56108.94	56111.01563	56093.19094	56102.39844	504728.2	5407809.6
L4730.0	504728.2	5407811.0	4097.39990	236.95	130	48.823263	-86.935584	56149.70	56290.3	-40.27	56109.43	56111.51953	56093.15090	56102.34375	504728.2	5407811.0
L4730.0	504728.2	5407811.0	4097.50000	238.23	130	48.823263	-86.935584	56150.30	56290.3	-40.28	56110.02	56112.12500	56093.10284	56102.28516	504728.2	5407811.0
L4730.0	504728.2	5407812.8	4097.60010	239.86	130	48.823279	-86.935584	56150.44	56290.3	-40.29	56110.15	56112.26953	56093.08412	56102.25000	504728.2	5407812.8
L4730.0	504728.2	5407814.4	4097.70020	239.89	130	48.823293	-86.935584	56150.32	56290.3	-40.30	56110.03	56112.16406	56093.08074	56102.23047	504728.2	5407814.4
L4730.0	504728.2	5407814.4	4097.70020	239.89	130	48.823293	-86.935584	56149.02	56290.3	-40.30	56108.72	56110.87109	56093.15540	56102.28906	504728.2	5407814.4
L4730.0	504728.2	5407815.7	4097.79981	242.48	130	48.823305	-86.935584	56149.23	56290.3	-40.30	56108.93	56111.09375	56093.12742	56102.24219	504728.2	5407815.7
L4730.0	504728.2	5407817.2	4098.00000	244.32	130	48.823318	-86.935584	56150.45	56290.3	-40.32	56110.13	56112.30859	56093.03217	56102.12500	504728.2	5407817.2
L4730.0	504728.2	5407818.7	4098.10010	241.88	130	48.823331	-86.935584	56149.66	56290.3	-40.32	56109.33	56111.52344	56093.06899	56102.14063	504728.2	5407818.7
L4730.0	504728.1	5407820.3	4098.20020	242.41	130	48.823346	-86.935585	56149.06	56290.3	-40.33	56108.72	56110.92969	56093.09189	56102.14063	504728.1	5407820.3
L4730.0	504728.1	5407820.3	4098.29981	243.41	130	48.823346	-86.935585	56149.94	56290.3	-40.33	56109.61	56111.83203	56093.01356	56102.03906	504728.1	5407820.3
L4730.0	504728.1	5407821.7	4098.39990	244.28	130	48.823359	-86.935585	56150.08	56290.3	-40.34	56109.74	56111.97656	56092.98468	56101.98047	504728.1	5407821.7
L4730.0	504728.1	5407823.2	4098.50000	245.92	130	48.823372	-86.935585	56148.42	56290.3	-40.35	56108.07	56110.32031	56093.07459	56102.04297	504728.1	5407823.2
L4730.0	504728.1	5407823.2	4098.60010	247.31	130	48.823372	-86.935585	56148.72	56290.3	-40.35	56108.37	56110.63672	56093.03198	56101.97266	504728.1	5407823.2
L4730.0	504728.1	5407824.6	4098.70020	246.28	130	48.823385	-86.935585	56149.71	56290.4	-40.36	56109.36	56111.64063	56092.94220	56101.85156	504728.1	5407824.6
L4730.0	504728.1	5407826.2	4098.79981	246.72	130	48.823399	-86.935585	56148.72	56290.4	-40.36	56108.36	56110.65234	56092.98393	56101.85938	504728.1	5407826.2
L4730.0	504728.1	5407827.8	4098.89990	247.16	130	48.823414	-86.935585	56149.13	56290.4	-40.37	56108.77	56111.07813	56092.93053	56101.77344	504728.1	5407827.8
L4730.0	504728.1	5407829.2	4099.00000	248.92	130	48.823426	-86.935585	56148.22	56290.4	-40.37	56107.85	56110.17188	56092.96466	56101.76953	504728.1	5407829.2
L4730.0	504728.1	5407829.2	4099.10010	247.16	130	48.823426	-86.935585	56148.77	56290.4	-40.38	56108.39	56110.72266	56092.90036	56101.66797	504728.1	5407829.2
L4730.0	504728.1	5407830.8	4099.20020	247.07	130	48.823440	-86.935586	56148.22	56290.4	-40.39	56107.83	56110.17578	56092.90831	56101.63672	504728.1	5407830.8
L4730.0	504728.1	5407832.0	4099.20020	247.07	130	48.823451	-86.935586	56147.91	56290.4	-40.39	56107.53	56109.89063	56092.89786	56101.58594	504728.1	5407832.0
L4730.0	504728.1	5407832.0	4099.39990	245.67	130	48.823451	-86.935586	56148.65	56290.4	-40.41	56108.24	56110.61328	56092.81902	56101.46484	504728.1	5407832.0
L4730.0	504728.0	5407833.3	4099.50000	243.55	130	48.823463	-86.935586	56148.16	56290.4	-40.42	56107.75	56110.13281	56092.81915	56101.42188	504728.0	5407833.3
L4730.0	504728.0	5407835.1	4099.60010	244.35	130	48.823480	-86.935586	56146.53	56290.4	-40.42	56106.10	56108.49609	56092.89560	56101.45703	504728.0	5407835.1
L4730.0	504728.0	5407836.7	4099.70020	248.90	130	48.823494	-86.935586	56146.88	56290.4	-40.43	56106.45	56108.85938	56092.83773	56101.35156	504728.0	5407836.7
L4730.0	504728.0	5407836.7	4099.70020	248.90	130	48.823494	-86.935586	56147.56	56290.4	-40.43	56107.13	56109.55078	56092.75688	56101.22266	504728.0	5407836.7
L4730.0	504728.0	5407838.3	4099.79981	248.90	130	48.823508	-86.935587	56147.31	56290.4	-40.44	56106.86	56109.29297	56092.73841	56101.15625	504728.0	5407838.3
L4730.0	504728.0	5407839.7	4099.89990	251.86	130	48.823521	-86.935587	56146.91	56290.5	-40.45	56106.46	56108.90234	56092.72767	56101.09375	504728.0	5407839.7
L4730.0	504728.0	5407840.6	4100.00000	252.49	130	48.823529	-86.935587	56146.93	56290.5	-40.46	56106.47	56108.92188	56092.68869	56101.00391	504728.0	5407840.6
L4730.0	504728.0	5407842.0	4100.10010	252.11	130	48.823541	-86.935587	56146.36	56290.5	-40.46	56105.90	56108.36328	56092.68747	56100.94922	504728.0	5407842.0
L4730.0	504727.9	5407843.3	4100.20020	257.29	130	48.823553	-86.935587	56146.32	56290.5	-40.47	56105.86	56108.33594	56092.65005	56100.85938	504727.9	5407843.3
L4730.0	504727.9	5407843.3	4100.39990	254.02	130	48.823553	-86.935587	56146.66	56290.5	-40.48	56106.18	56108.66406	56092.58777	56100.74219	504727.9	5407843.3
L4730.0	504727.9	5407844.9	4100.50000	250.45	130	48.823568	-86.935587	56145.99	56290.5	-40.48	56105.51	56108.00391	56092.59067	56100.68750	504727.9	5407844.9
L4730.0	504727.9	5407846.3	4100.60010	246.33	130	48.823580	-86.935587	56146.09	56290.5	-40.48	56105.61	56108.11328	56092.54141	56100.58203	504727.9	5407846.3
L4730.0	504727.9	5407847.7	4100.70020	242.77	130	48.823592	-86.935587	56145.64	56290.5	-40.49	56105.15	56107.66406	56092.52870	56100.51172	504727.9	5407847.7
L4730.0	504727.9	5407847.7	4100.79981	236.35	130	48.823592	-86.935587	56145.23	56290.5	-40.49	56104.74	56107.26172	56092.51189	56100.43359	504727.9	5407847.7
L4730.0	504728.0	5407849.3	4100.89990	236.32	130	48.823607	-86.935587	56145.23	56290.5	-40.50	56104.73	56107.26172	56092.46766	56100.32813	504728.0	5407849.3
L4730.0	504728.0	5407850.2	4101.00000	240.21	130	48.823615	-86.935587	56145.26	56290.5	-40.50	56104.76	56107.30078	56092.42004	56100.21875	504728.0	5407850.2
L4730.0	504728.0	5407851.6	4101.10010	241.10	130	48.823628	-86.935586	56145.38	56290.5	-40.51	56104.88	56107.42969	56092.36572	56100.10156	504728.0	5407851.6
L4730.0	504728.0	5407853.0	4101.20020	242.21	130	48.823640	-86.935586	56145.27	56290.5	-40.51	56104.75	56107.30859	56092.32737	56100.00000	504728.0	5407853.0
L4730.0	504728.0	5407854.2	4101.29981	237.94	130	48.823651	-86.935586	56144.52	56290.5	-40.52	56104.00	56106.56641	56092.32971	56099.93750	504728.0	5407854.2
L4730.0	504728.0	5407854.2	4101.39990	239.05	130	48.823651	-86.935586	56145.03	56290.5	-40.52	56104.50	56107.07422	56092.24807	56099.78906	504728.0	5407854.2
L4730.0	504728.1	5407856.0	4101.50000	245.47	130	48.823667	-86.935585	56144.02	56290.5	-40.53	56103.49	56106.07031	56092.26648	56099.73828	504728.1	5407856.0
L4730.0	504728.1	5407857.4	4101.60010	247.36	130	48.823679	-86.935585	56143.73	56290.5	-40.54	56103.20	56105.78906	56092.23629	56099.64063	504728.1	5407857.4
L4730.0	504728.1	5407858.7	4101.70020	248.51	130	48.823692	-86.935585	56143.87	56290.5	-40.54	56103.33	56105.92578	56092.17754	56099.51563	504728.1	5407858.7
L4730.0	504728.1	5407859.9	4101.70020	248.51	130	48.823702	-86.935585	56143.59	56290.5	-40.54	56103.05	56105.65234	56092.14556	56099.41406	504728.1	5407859.9

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4730.0	504728.1	5407860.8	4101.79981	249.07	130	48.823711	-86.935585	56144.13	56290.5	-40.55	56103.58	56106.19141	56092.05907	56099.25391	504728.1	5407860.8
L4730.0	504728.1	5407862.2	4102.00000	255.26	130	48.823723	-86.935584	56143.15	56290.6	-40.56	56102.59	56105.20703	56092.07340	56099.19922	504728.1	5407862.2
L4730.0	504728.1	5407863.4	4102.10010	256.76	130	48.823734	-86.935584	56143.67	56290.6	-40.57	56103.10	56105.72266	56091.98725	56099.04297	504728.1	5407863.4
L4730.0	504728.2	5407864.8	4102.20020	256.11	130	48.823746	-86.935584	56142.93	56290.6	-40.58	56102.35	56104.97656	56091.98465	56098.96484	504728.2	5407864.8
L4730.0	504728.2	5407865.3	4102.29981	256.63	130	48.823751	-86.935584	56142.66	56290.6	-40.58	56102.07	56104.70313	56091.95027	56098.85938	504728.2	5407865.3
L4730.0	504728.2	5407866.4	4102.39990	257.65	130	48.823761	-86.935584	56143.44	56290.6	-40.59	56102.85	56105.48828	56091.84482	56098.67969	504728.2	5407866.4
L4730.0	504728.2	5407867.8	4102.50000	258.38	130	48.823773	-86.935583	56142.09	56290.6	-40.60	56101.49	56104.13672	56091.88165	56098.64063	504728.2	5407867.8
L4730.0	504728.2	5407869.2	4102.60010	257.86	130	48.823786	-86.935583	56141.85	56290.6	-40.61	56101.24	56103.89063	56091.84412	56098.52734	504728.2	5407869.2
L4730.0	504728.2	5407870.6	4102.70020	254.67	130	48.823799	-86.935583	56142.58	56290.6	-40.62	56101.96	56104.61719	56091.74157	56098.35156	504728.2	5407870.6
L4730.0	504728.2	5407870.6	4102.79981	250.57	130	48.823799	-86.935583	56142.60	56290.6	-40.62	56101.98	56104.64063	56091.68538	56098.21875	504728.2	5407870.6
L4730.0	504728.2	5407872.3	4102.89990	246.56	130	48.823814	-86.935583	56141.59	56290.6	-40.63	56100.95	56103.61328	56091.69890	56098.15625	504728.2	5407872.3
L4730.0	504728.2	5407873.5	4103.00000	240.42	130	48.823824	-86.935583	56141.70	56290.6	-40.64	56101.06	56103.73047	56091.63614	56098.01563	504728.2	5407873.5
L4730.0	504728.2	5407874.8	4103.10010	237.85	130	48.823837	-86.935583	56141.51	56290.6	-40.64	56100.87	56103.54297	56091.59314	56097.89453	504728.2	5407874.8
L4730.0	504728.2	5407874.8	4103.20020	237.60	130	48.823837	-86.935583	56141.16	56290.6	-40.65	56100.52	56103.19922	56091.56058	56097.78516	504728.2	5407874.8
L4730.0	504728.2	5407876.3	4103.29981	236.49	130	48.823849	-86.935583	56140.71	56290.7	-40.65	56100.06	56102.74219	56091.53516	56097.67969	504728.2	5407876.3
L4730.0	504728.2	5407877.7	4103.39990	236.07	130	48.823862	-86.935583	56141.00	56290.7	-40.66	56100.35	56103.03516	56091.45957	56097.52734	504728.2	5407877.7
L4730.0	504728.2	5407878.6	4103.50000	234.66	130	48.823870	-86.935583	56140.20	56290.7	-40.66	56099.54	56102.23047	56091.45716	56097.44531	504728.2	5407878.6
L4730.0	504728.2	5407880.0	4103.60010	236.60	130	48.823883	-86.935583	56140.84	56290.7	-40.66	56100.17	56102.86328	56091.35862	56097.26563	504728.2	5407880.0
L4730.0	504728.2	5407881.2	4103.70020	238.16	130	48.823894	-86.935583	56140.02	56290.7	-40.67	56099.36	56102.05859	56091.35598	56097.18359	504728.2	5407881.2
L4730.0	504728.2	5407882.8	4103.70020	238.16	130	48.823909	-86.935584	56139.23	56290.7	-40.67	56098.57	56101.26953	56091.35193	56097.10156	504728.2	5407882.8
L4730.0	504728.2	5407884.0	4103.79981	239.10	130	48.823919	-86.935584	56139.62	56290.7	-40.67	56098.95	56101.65234	56091.26982	56096.93750	504728.2	5407884.0
L4730.0	504728.2	5407884.0	4104.00000	242.62	130	48.823919	-86.935584	56139.70	56290.7	-40.68	56099.02	56101.72656	56091.20835	56096.79688	504728.2	5407884.0
L4730.0	504728.2	5407885.2	4104.10010	247.70	130	48.823929	-86.935584	56139.36	56290.7	-40.69	56098.68	56101.39063	56091.17420	56096.68359	504728.2	5407885.2
L4730.0	504728.2	5407886.5	4104.20020	248.38	130	48.823942	-86.935584	56138.68	56290.7	-40.69	56097.99	56100.70313	56091.16340	56096.58984	504728.2	5407886.5
L4730.0	504728.2	5407887.9	4104.29981	249.66	130	48.823954	-86.935584	56139.04	56290.7	-40.70	56098.34	56101.05859	56091.08331	56096.42969	504728.2	5407887.9
L4730.0	504728.2	5407889.2	4104.39990	253.52	130	48.823966	-86.935584	56138.38	56290.7	-40.71	56097.67	56100.39063	56091.07128	56096.33984	504728.2	5407889.2
L4730.0	504728.2	5407889.2	4104.50000	248.80	130	48.823966	-86.935584	56138.00	56290.7	-40.71	56097.29	56100.01172	56091.03999	56096.22656	504728.2	5407889.2
L4730.0	504728.2	5407891.1	4104.60010	245.88	130	48.823983	-86.935583	56137.70	56290.7	-40.72	56096.98	56099.70703	56091.00415	56096.10938	504728.2	5407891.1
L4730.0	504728.2	5407892.4	4104.70020	252.31	130	48.823995	-86.935583	56137.57	56290.7	-40.73	56096.84	56099.57031	56090.95709	56095.98047	504728.2	5407892.4
L4730.0	504728.2	5407893.2	4104.79981	248.01	130	48.824002	-86.935583	56137.86	56290.7	-40.74	56097.13	56099.86328	56090.88152	56095.82422	504728.2	5407893.2
L4730.0	504728.2	5407894.7	4104.89990	243.44	130	48.824015	-86.935583	56136.97	56290.7	-40.74	56096.23	56098.96484	56090.88546	56095.74609	504728.2	5407894.7
L4730.0	504728.2	5407894.7	4105.00000	245.00	130	48.824015	-86.935583	56137.34	56290.8	-40.75	56096.59	56099.32813	56090.80558	56095.58594	504728.2	5407894.7
L4730.0	504728.2	5407896.7	4105.10010	248.13	130	48.824033	-86.935583	56137.37	56290.8	-40.76	56096.61	56099.35156	56090.74859	56095.44922	504728.2	5407896.7
L4730.0	504728.2	5407896.7	4105.20020	248.15	130	48.824033	-86.935583	56137.12	56290.8	-40.76	56096.35	56099.09375	56090.71050	56095.33203	504728.2	5407896.7
L4730.0	504728.2	5407897.9	4105.29981	249.39	130	48.824044	-86.935582	56137.42	56290.8	-40.77	56096.65	56099.39844	56090.63532	56095.17578	504728.2	5407897.9
L4730.0	504728.3	5407899.0	4105.39990	250.32	130	48.824054	-86.935582	56136.76	56290.8	-40.78	56095.98	56098.73047	56090.62509	56095.08594	504728.3	5407899.0
L4730.0	504728.3	5407900.0	4105.50000	252.02	130	48.824063	-86.935582	56136.41	56290.8	-40.79	56095.63	56098.38281	56090.59382	56094.97266	504728.3	5407900.0
L4730.0	504728.3	5407901.0	4105.60010	250.17	130	48.824072	-86.935582	56136.22	56290.8	-40.79	56095.43	56098.18750	56090.55286	56094.85156	504728.3	5407901.0
L4730.0	504728.3	5407902.3	4105.70020	247.39	130	48.824084	-86.935581	56136.43	56290.8	-40.80	56095.63	56098.39063	56090.48556	56094.70313	504728.3	5407902.3
L4730.0	504728.3	5407903.1	4105.70020	247.39	130	48.824091	-86.935581	56135.95	56290.8	-40.80	56095.15	56097.91406	56090.46395	56094.60156	504728.3	5407903.1
L4730.0	504728.3	5407903.1	4105.79981	250.30	130	48.824091	-86.935581	56135.97	56290.8	-40.81	56095.16	56097.92969	56090.41004	56094.46875	504728.3	5407903.1
L4730.0	504728.4	5407904.4	4106.00000	250.38	130	48.824102	-86.935581	56135.24	56290.8	-40.82	56094.42	56097.19141	56090.40651	56094.38672	504728.4	5407904.4
L4730.0	504728.4	5407905.5	4106.10010	249.90	130	48.824112	-86.935581	56135.52	56290.8	-40.82	56094.69	56097.46875	56090.33606	56094.23828	504728.4	5407905.5
L4730.0	504728.4	5407906.6	4106.20020	249.59	130	48.824122	-86.935580	56135.55	56290.8	-40.83	56094.72	56097.50000	56090.28202	56094.10547	504728.4	5407906.6
L4730.0	504728.4	5407907.6	4106.29981	247.66	130	48.824131	-86.935580	56134.58	56290.8	-40.83	56093.75	56096.53516	56090.29509	56094.03906	504728.4	5407907.6
L4730.0	504728.4	5407908.6	4106.39990	245.28	130	48.824141	-86.935580	56134.56	56290.8	-40.84	56093.72	56096.51172	56090.24595	56093.91016	504728.4	5407908.6
L4730.0	504728.4	5407908.6	4106.50000	246.74	130	48.824141	-86.935580	56134.91	56290.8	-40.85	56094.07	56096.86328	56090.17194	56093.75781	504728.4	5407908.6
L4730.0	504728.4	5407910.0	4106.60010	244.90	130	48.824153	-86.935580	56134.69	56290.8	-40.85	56093.84	56096.64063	56090.13709	56093.64453	504728.4	5407910.0
L4730.0	504728.4	5407910.0	4106.70020	244.53	130	48.824153	-86.935580	56133.98	56290.9	-40.86	56093.12	56095.92578	56090.13540	56093.56641	504728.4	5407910.0
L4730.0	504728.5	5407911.5	4106.79981	246.25	130	48.824166	-86.935579	56134.31	56290.9	-40.86	56093.45	56096.26172	56090.06424	56093.41797	504728.5	5407911.5
L4730.0	504728.5	5407912.5	4106.89990	245.47	130	48.824175	-86.935579	56134.33	56290.9	-40.87	56093.47	56096.28516	56090.01426	56093.29297	504728.5	5407912.5
L4730.0	504728.5	5407912.5	4107.00000	247.08	130	48.824175	-86.935579	56134.08	56290.9	-40.87	56093.21	56096.03125	56089.98350	56093.18359	504728.5	5407912.5
L4730.0	504728.5	5407913.6	4107.10010	246.89	130	48.824186	-86.935579	56134.11	56290.9	-40.88	56093.23	56096.05859	56089.93463	56093.05859	504728.5	5407913.6
L4730.0	504728.5	5407914.9	4107.20020	247.34	130	48.824197	-86.935578	56134.23	56290.9	-40.88	56093.35	56096.18359	56089.87967	56092.92969	504728.5	5407914.9
L4730.0	504728.5	5407914.9	4107.29981	247.27	130	48.824197	-86.935578	56133.90	56290.9	-40.89	56093.01	56095.85156	56089.85597	56092.82813	504728.5	5407914.9
L4730.0	504728.6	5407915.9	4107.39990	245.22	130	48.824206	-86.935578	56132.87	56290.9	-40.89	56091.98	56094.82813	56089.87886	56092.77734	504728.6	5407915.9
L4730.0	504728.6	5407916.8	4107.50000	242.58	130	48.824214	-86.935577	56133.04	56290.9	-40.90	56092.14	56094.99219	56089.82303	56092.64844	504728.6	5407916.8
L4730.0	504728.6	5407917.7	4107.60010	239.33	130	48.824222	-86.935577	56133.34	56290.9	-40.90	56092.44	56095.30078	56089.75849	56092.50781	504728.6	5407917.7
L4730.0	504728.6	5407918.6	4107.70020	237.34	130	48.824230	-86.935577	56133.43	56290.9	-40.90	56092.52	56095.38672	56089.70926	56092.38672	504728.6	5407918.6
L4730.0	504728.6	5407918.6	4107.70020	237.34	130	48.824230	-86.935577	56132.15	56290.9	-40.90	56091.24	56094.11719	56089.75134	56092.35547	504728.6	5407918.6
L4730.0	504728.7	5407920.2	4107.79981	236.61	130	48.824245	-86.935576	56132.54	56290.9	-40.91	56091.63	56094.51563	56089.68276	56092.21094	504728.7	5407920.2
L4730.0	504728.7	5407920.2	4108.00000	234.07	130	48.824245	-86.935576	56132.06	56290.9	-40.92	56091.14	56094.03125	56089.67351	56092.13281	504728.7	5407920.2
L4730.0	504728.7	5407921.2	4108.10010	237.09	130	48.824254	-86.935575	56132.93	56290.9	-40.92	56092.01	56094.91016	56089.57428	56091.96094	504728.7	5407921.2
L4730.0	504728.7	5407922.1	4108.20020	241.37	130	48.824262	-86.935575	56132.21	56290.9	-40.92	56091.28	56094.19141	56089.58241	56091.89453	504728.7	5407922.1
L4730.0	504728.8	5407923.0	4108.29981	245.13	130	48.824270	-86.935575	56132.14	56290.9	-40.93	56091.21	56094.12891	56089.54725	56091.78906	504728.8	5407923.0
L4730.0	504728.8	5407923.0	4108.39990	249.88	130	48.824270	-86.935575	56132.31	56290.9	-40.93	56091.39	56094.32031	56089.49614	56091.66797	504728.8	5407923.0
L4730.0	504728.8	5407923.7	4108.50000	250.07	130	48.824276	-86.935575	56132.22	56290.9	-40.93	56091.29	56094.23047	56089.46442	56091.56641	504728.8	5407923.7
L4730.0	504728.8	5407924.5	4108.60010	252.38	130	48.824283	-86.935575	56131.70	56290.9	-40.93	56090.77	56093.71875	56089.46144	56091.49609	504728.8	5407924.5
L4730.0	504728.8	5407925.3	4108.70020	256.07	88.72	48.824290	-86.935575	56131.57	56290.9	-40.93	56090.64	56093.60156	56089.43321	56091.39844	504728.8	5407925.3
L4730.0	504728.8	5407926.1	4108.79981	255.12	88.7	48.824298	-86.935574	56131.42	56290.9	-40.94	56090.49	56093.46094	56089.40707	56091.30078	504728.8	5407926.1
L4730.0	504728.8	5407926.1	4108.89990	249.05	88.7	48.824298	-86.935574	56131.42	56290.9	-40.94	56090.48	56093.46484	56089.37237	56091.19922	504728.8	5407926.1
L4730.0	504728.8	5407926.9	4109.00000	241.55	88.7	48.824305	-86.935574	56131.73	56290.9	-40.94	56090.79	56093.78516	56089.31710	56091.07813	504728.8	5407926.9
L4730.0	504728.8	5407927.8	4109.10010	237.86	89.08	48.824313	-86.935574	56131.83	56290.9	-40.95	56090.88	56093.88672	56089.27729	56090.96875	504728.8	5407927.8
L4730.0	504728.8	5407928.6	4109.20020	244.43	89.08	48.824320	-86.935574	56131.45	56291	-40.95	56090.49	56093.51172	56089.27028	56090.89844	504728.8	5407928.6
L4730.0	504728.8	5407928.6	4109.29981	253.07	88.92	48.824320	-86.935574	56131.12	56291	-40.96	56090.16	56093.19531	56089.26007	56090.82031	504728.8	5407928.6
L4730.0	504728.8	5407929.3	4109.39990	255.40	88.87	48.824326	-86.935574	56130.76	56291	-40.96	56089.80	56092.84766	56089.25268	56090.74609	504728.8	5407929.3
L4730.0	504728.8	5407930.1	4109.50000	255.04	88.7	48.824333	-86.935574	56130.64	56291	-40.97	56089.67	56092.73047	56089.23078	56090.66016	504728.8	5407930.1
L4730.0	504728.8	5407930.6	4109.60010	254.06	88.7	48.824338	-86.935574	56130.36	56291	-40.98	56089.38	56092.45313	56089.22037	56090.58594	504728.8	5407930.6
L4730.0	504728.8	5407931.3	4109.70020	252.68	88.72	48.824345	-86.935574	56131.22	56291	-40.98	56090.24	56093.32813	56089.13414	56090.43750	504728.8	5407931.3
L4730.0	504728.8	5407931.9	4109.70020	252.68	88.86	48.824350	-86.935574	56130.76	56291	-40.98	56089.78	56092.88281	56089.13675	56090.37500	504728.8	5407931.9
L4730.0	504728.8	5407931.9	4109.79981	251.85	89.02	48.824350	-86.935574	56129.96	56291	-40.99	56088.97	56092.08984	56089.16356	56090.33984	504728.8	5407931.9
L4730.0	504728.8	5407932.5	4110.00000	254.68	89.02	48.824355	-86.935575	56130.66	56291	-41.00	56089.66	56092.79297	56089.09123	56090.20703	504728.8	5407932.5
L4730.0	504728.8	5407933.1	4110.10010	251.21	89.06	48.824361	-86.935575	56130.06	56291	-41.00	56089.05	56092.19922	56089.10645	56090.16016	504728.8	5407933.1
L4730.0	504728.8	5407933.7	4110.20020	242.82	89.06	48.824366	-86.935575	56130.05	56291	-41.01	56089.04	56092.20703	56089.08254	56090.07422	504728.8	5407933.7
L4730.0	504728.8	5407934.3	4110.29981	236.18	89.06	48.824372	-86.935575	56130.12	56291	-41.01	56089.10	56092.28125	56089.05485	56089.98438	504728.8	5407934.3
L4730.0	504728.8	5407934.3	4110.39990	231.06	89.06	48.824372	-86.935575	56130.18	56291	-41.02	56089.16	56092.35938	56089.02807	56089.89844	504728.8	5407934.3
L4730.0	504728.8	5407935.1	4110.50000	227.20	89.06	48.824378	-86.935575	56130.01	56291	-41.03	56088.99	56092.20703	56089.01752	56089.82813	504728.8	5407935.1
L4730.0	504728.8	5407935.1	4110.60010	229.48	89.06	48.824378	-86.935575	56129.21	56291	-41.03	56088.18	56091.41406	56089.05054	56089.80469	504728.8	5407935.1
L4730.0	504728.7	5407936.2	4110.70020	230.55	89.06	48.824388	-86.935575	56129.81	56291	-41.04	56088.77	56092.02344	56088.99116	56089.68359	504728.7	5407936.2
L4730.0	504728.7	5407936.2	4110.79981	235.60	89.06	48.824388	-86.935575	56129.45	56291	-41.04	56088.41	56091.67969	56088.99603	56089.63281	504728.7	5407936.2
L4730.0	504728.7	5407936.8	4110.89990	243.40	89.06	48.824394	-86.935575	56130.25	56291	-41.05	56089.21	56092.50000	56088.92449	56089.50391	504728.7	5407936.8
L4730.0	504728.7	5407937.1	4111.00000	248.95	89.06	48.824397	-86.935575	56128.94	56291.1	-41.05	56087.89	56091.19922	56088.99523	56089.51563	504728.7	5407937.1
L4730.0	504728.7	5407937.7	4111.10010	249.67	89.02	48.824402	-86.935575	56128.92	56291.1	-41.06	56087.86	56091.18750	56088.98092	56089.44531	504728.7	5407937.7

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4730.0	504728.7	5407938.2	4111.20020	251.03	89.02	48.824406	-86.935576	56129.48	56291.1	-41.06	56088.42	56091.76953	56088.92822	56089.33594	504728.7	5407938.2
L4730.0	504728.7	5407938.2	4111.29981	249.93	88.94	48.824406	-86.935576	56129.54	56291.1	-41.07	56088.48	56091.84766	56088.90981	56089.26172	504728.7	5407938.2
L4730.0	504728.7	5407938.6	4111.39990	248.23	88.94	48.824410	-86.935576	56129.86	56291.1	-41.07	56088.79	56092.17969	56088.87569	56089.17188	504728.7	5407938.6
L4730.0	504728.7	5407939.1	4111.50000	246.75	88.94	48.824414	-86.935576	56128.44	56291.1	-41.07	56087.36	56090.76953	56088.95854	56089.19922	504728.7	5407939.1
L4730.0	504728.7	5407939.5	4111.60010	246.20	88.75	48.824418	-86.935576	56128.77	56291.1	-41.08	56087.69	56091.11719	56088.92502	56089.11328	504728.7	5407939.5
L4730.0	504728.7	5407939.8	4111.70020	247.19	88.75	48.824421	-86.935576	56129.32	56291.1	-41.08	56088.24	56091.69141	56088.87781	56089.01172	504728.7	5407939.8
L4730.0	504728.6	5407940.2	4111.70020	247.19	88.75	48.824424	-86.935577	56128.56	56291.1	-41.08	56087.48	56090.95313	56088.91891	56088.99609	504728.6	5407940.2
L4730.0	504728.6	5407940.5	4111.79981	246.94	88.75	48.824427	-86.935577	56129.32	56291.1	-41.09	56088.23	56091.72266	56088.86033	56088.88672	504728.6	5407940.5
L4730.0	504728.6	5407940.5	4112.00000	249.51	88.75	48.824427	-86.935577	56128.97	56291.1	-41.10	56087.87	56091.38281	56088.87673	56088.84766	504728.6	5407940.5
L4730.0	504728.6	5407941.0	4112.10010	252.20	88.75	48.824432	-86.935577	56128.36	56291.1	-41.10	56087.26	56090.79688	56088.91078	56088.83203	504728.6	5407941.0
L4730.0	504728.6	5407941.4	4112.20020	256.54	88.75	48.824435	-86.935577	56127.98	56291.1	-41.10	56086.88	56090.43750	56088.93048	56088.79688	504728.6	5407941.4
L4730.0	504728.6	5407941.6	4112.29981	261.53	88.75	48.824437	-86.935578	56128.72	56291.1	-41.10	56087.62	56091.19922	56088.87651	56088.69141	504728.6	5407941.6
L4730.0	504728.5	5407941.9	4112.39990	265.08	88.75	48.824440	-86.935578	56128.14	56291.1	-41.10	56087.03	56090.63281	56088.91220	56088.67578	504728.5	5407941.9
L4730.0	504728.5	5407942.2	4112.50000	267.77	88.75	48.824442	-86.935578	56128.21	56291.1	-41.10	56087.10	56090.72656	56088.90488	56088.61719	504728.5	5407942.2
L4730.0	504728.5	5407942.2	4112.60010	270.37	88.75	48.824442	-86.935578	56128.54	56291.1	-41.11	56087.43	56091.07813	56088.88121	56088.53906	504728.5	5407942.2
L4730.0	504728.5	5407942.5	4112.70020	269.73	88.75	48.824445	-86.935578	56128.23	56291.1	-41.11	56087.13	56090.80078	56088.90053	56088.50781	504728.5	5407942.5
L4730.0	504728.5	5407942.8	4112.79981	266.76	88.75	48.824448	-86.935578	56127.95	56291.1	-41.11	56086.85	56090.54688	56088.91951	56088.47656	504728.5	5407942.8
L4730.0	504728.5	5407942.9	4112.89990	258.79	88.75	48.824449	-86.935578	56128.39	56291.1	-41.11	56087.28	56091.00000	56088.89214	56088.39844	504728.5	5407942.9
L4730.0	504728.5	5407943.1	4113.00000	253.69	88.75	48.824451	-86.935579	56127.86	56291.1	-41.11	56086.75	56090.49219	56088.92976	56088.38672	504728.5	5407943.1
L4730.0	504728.5	5407943.4	4113.10010	248.21	88.75	48.824453	-86.935579	56127.86	56291.1	-41.12	56086.74	56090.50391	56088.93369	56088.33984	504728.5	5407943.4
L4730.0	504728.5	5407943.6	4113.20020	246.23	88.75	48.824455	-86.935579	56128.64	56291.1	-41.12	56087.52	56091.30859	56088.88593	56088.24219	504728.5	5407943.6
L4730.0	504728.5	5407943.6	4113.29981	245.43	88.75	48.824455	-86.935579	56128.26	56291.1	-41.13	56087.13	56090.94141	56088.91714	56088.22266	504728.5	5407943.6
L4730.0	504728.5	5407943.8	4113.39990	240.67	88.75	48.824457	-86.935579	56127.60	56291.1	-41.13	56086.46	56090.29688	56088.96799	56088.22266	504728.5	5407943.8
L4730.0	504728.5	5407943.8	4113.50000	242.97	88.75	48.824457	-86.935579	56128.11	56291.1	-41.14	56086.97	56090.82813	56088.94114	56088.14453	504728.5	5407943.8
L4730.1	504728.4	5407644.7	5206.10010	261.13	48.11	48.821766	-86.935583	56077.57	56249.4	0.57	56078.14	56074.62891	56086.25980	56077.70313	504728.4	5407644.7
L4730.1	504728.4	5407644.8	5206.20020	262.24	52.65	48.821767	-86.935583	56077.54	56249.4	0.57	56078.12	56074.57813	56086.37235	56077.82031	504728.4	5407644.8
L4730.1	504728.4	5407644.9	5206.29981	262.11	52.65	48.821768	-86.935582	56078.16	56249.4	0.58	56078.74	56075.16406	56086.50066	56077.94922	504728.4	5407644.9
L4730.1	504728.5	5407645.0	5206.39990	261.59	57.54	48.821769	-86.935582	56079.16	56249.4	0.59	56079.75	56076.14063	56086.63102	56078.08203	504728.5	5407645.0
L4730.1	504728.5	5407645.0	5206.50000	259.82	58.22	48.821769	-86.935582	56078.66	56249.4	0.60	56079.26	56075.61719	56086.74400	56078.19531	504728.5	5407645.0
L4730.1	504728.5	5407645.2	5206.60010	260.07	58.22	48.821771	-86.935582	56079.67	56249.4	0.60	56080.27	56076.59375	56086.86789	56078.32031	504728.5	5407645.2
L4730.1	504728.5	5407645.3	5206.70020	259.15	57.95	48.821772	-86.935582	56079.08	56249.4	0.61	56079.69	56075.98047	56086.99174	56078.44922	504728.5	5407645.3
L4730.1	504728.5	5407645.5	5206.79981	260.58	57.53	48.821774	-86.935582	56078.93	56249.4	0.62	56079.55	56075.80469	56087.12010	56078.57813	504728.5	5407645.5
L4730.1	504728.5	5407645.7	5206.89990	262.03	57.53	48.821775	-86.935582	56079.55	56249.4	0.62	56080.17	56076.39453	56087.23864	56078.69531	504728.5	5407645.7
L4730.1	504728.5	5407645.7	5207.00000	259.39	56.13	48.821775	-86.935582	56080.40	56249.4	0.63	56081.03	56077.21875	56087.34584	56078.80469	504728.5	5407645.7
L4730.1	504728.5	5407645.9	5207.10010	259.19	55.92	48.821777	-86.935582	56081.44	56249.4	0.64	56082.08	56078.23828	56087.43957	56078.89844	504728.5	5407645.9
L4730.1	504728.5	5407646.0	5207.20020	260.71	54.29	48.821778	-86.935582	56081.26	56249.4	0.64	56081.90	56078.02344	56087.56210	56079.02344	504728.5	5407646.0
L4730.1	504728.5	5407646.2	5207.29981	259.11	54.29	48.821780	-86.935582	56081.82	56249.4	0.65	56082.47	56078.56250	56087.65934	56079.12109	504728.5	5407646.2
L4730.1	504728.5	5407646.5	5207.39990	258.94	53.59	48.821783	-86.935582	56081.11	56249.3	0.65	56081.76	56077.82031	56087.79896	56079.26172	504728.5	5407646.5
L4730.1	504728.5	5407646.7	5207.50000	256.39	53.59	48.821785	-86.935582	56081.85	56249.3	0.66	56082.51	56078.53516	56087.88303	56079.34766	504728.5	5407646.7
L4730.1	504728.5	5407646.7	5207.60010	254.05	53.41	48.821785	-86.935582	56082.22	56249.3	0.67	56082.89	56078.88281	56087.97758	56079.44141	504728.5	5407646.7
L4730.1	504728.5	5407647.0	5207.70020	253.56	52.69	48.821787	-86.935582	56082.61	56249.3	0.67	56083.28	56079.24219	56088.06951	56079.53125	504728.5	5407647.0
L4730.1	504728.5	5407647.2	5207.79981	254.90	51.77	48.821789	-86.935582	56082.83	56249.3	0.68	56083.51	56079.44141	56088.16590	56079.62891	504728.5	5407647.2
L4730.1	504728.5	5407647.6	5207.89990	255.65	51.77	48.821792	-86.935582	56082.12	56249.3	0.68	56082.81	56078.71094	56088.29276	56079.75391	504728.5	5407647.6
L4730.1	504728.5	5407647.9	5208.00000	257.02	50.09	48.821795	-86.935582	56083.06	56249.3	0.69	56083.75	56079.61719	56088.36210	56079.82422	504728.5	5407647.9
L4730.1	504728.5	5407647.9	5208.10010	257.53	50.16	48.821795	-86.935582	56082.70	56249.3	0.70	56083.40	56079.23828	56088.47088	56079.92969	504728.5	5407647.9
L4730.1	504728.5	5407648.2	5208.20020	257.45	50.16	48.821798	-86.935582	56083.14	56249.3	0.71	56083.84	56079.64453	56088.55699	56080.01563	504728.5	5407648.2
L4730.1	504728.5	5407648.6	5208.29981	256.96	50.5	48.821801	-86.935582	56082.83	56249.3	0.71	56083.55	56079.32422	56088.65854	56080.11719	504728.5	5407648.6
L4730.1	504728.5	5407648.9	5208.39990	258.66	50.5	48.821804	-86.935582	56082.73	56249.3	0.72	56083.45	56079.19531	56088.75373	56080.21094	504728.5	5407648.9
L4730.1	504728.5	5407649.3	5208.50000	260.61	46.74	48.821807	-86.935582	56083.21	56249.3	0.73	56083.94	56079.65625	56088.84380	56080.29688	504728.5	5407649.3
L4730.1	504728.5	5407649.3	5208.60010	261.83	50.8	48.821807	-86.935582	56083.95	56249.3	0.74	56084.68	56080.36719	56088.93983	56080.39063	504728.5	5407649.3
L4730.1	504728.5	5407649.6	5208.70020	262.52	50.8	48.821811	-86.935581	56083.70	56249.3	0.75	56084.44	56080.09766	56089.04006	56080.48828	504728.5	5407649.6
L4730.1	504728.5	5407650.0	5208.79981	262.55	50.94	48.821814	-86.935581	56084.34	56249.2	0.75	56085.10	56080.72656	56089.14921	56080.59375	504728.5	5407650.0
L4730.1	504728.6	5407650.5	5208.89990	262.13	50.94	48.821818	-86.935581	56084.43	56249.2	0.76	56085.19	56080.78906	56089.25846	56080.69922	504728.6	5407650.5
L4730.1	504728.6	5407650.5	5209.00000	264.37	53	48.821818	-86.935581	56083.76	56249.2	0.77	56084.53	56080.10156	56089.35668	56080.79688	504728.6	5407650.5
L4730.1	504728.6	5407651.0	5209.10010	262.57	53	48.821823	-86.935580	56084.63	56249.2	0.78	56085.41	56080.95313	56089.49014	56080.92578	504728.6	5407651.0
L4730.1	504728.6	5407651.4	5209.20020	264.00	54.53	48.821827	-86.935580	56084.72	56249.2	0.79	56085.51	56081.02734	56089.61319	56081.04297	504728.6	5407651.4
L4730.1	504728.7	5407651.9	5209.29981	262.52	57.48	48.821831	-86.935579	56085.38	56249.2	0.80	56086.18	56081.66797	56089.75748	56081.18359	504728.7	5407651.9
L4730.1	504728.7	5407652.5	5209.39990	262.52	57.48	48.821836	-86.935579	56085.21	56249.2	0.81	56086.02	56081.48047	56089.88489	56081.30859	504728.7	5407652.5
L4730.1	504728.7	5407652.5	5209.50000	263.10	57.48	48.821836	-86.935579	56085.66	56249.2	0.82	56086.48	56081.91406	56090.03588	56081.45313	504728.7	5407652.5
L4730.1	504728.7	5407653.1	5209.60010	264.24	59.43	48.821841	-86.935579	56085.64	56249.2	0.83	56086.47	56081.87891	56090.17942	56081.58984	504728.7	5407653.1
L4730.1	504728.7	5407653.7	5209.70020	261.22	59.43	48.821847	-86.935579	56086.50	56249.2	0.84	56087.34	56082.72266	56090.35028	56081.75781	504728.7	5407653.7
L4730.1	504728.7	5407653.7	5209.79981	262.54	61.41	48.821847	-86.935579	56086.12	56249.2	0.85	56086.97	56082.32813	56090.49581	56081.89844	504728.7	5407653.7
L4730.1	504728.7	5407654.2	5209.89990	261.68	61.41	48.821852	-86.935578	56086.70	56249.1	0.86	56087.56	56082.89453	56090.66513	56082.06250	504728.7	5407654.2
L4730.1	504728.7	5407655.0	5210.00000	261.85	57.56	48.821859	-86.935578	56086.95	56249.1	0.87	56087.82	56083.13281	56090.83018	56082.21875	504728.7	5407655.0
L4730.1	504728.7	5407655.7	5210.10010	258.74	57.55	48.821866	-86.935578	56086.58	56249.1	0.87	56087.45	56082.73828	56090.99366	56082.37891	504728.7	5407655.7
L4730.1	504728.7	5407656.2	5210.20020	257.04	57.55	48.821870	-86.935578	56087.33	56249.1	0.88	56088.21	56083.47656	56091.16498	56082.54297	504728.7	5407656.2
L4730.1	504728.7	5407656.2	5210.29981	257.12	57.55	48.821870	-86.935578	56086.78	56249.1	0.88	56087.66	56082.90234	56091.33977	56082.71094	504728.7	5407656.2
L4730.1	504728.7	5407657.0	5210.39990	256.91	57.62	48.821877	-86.935579	56087.61	56249.1	0.88	56088.49	56083.71094	56091.50692	56082.87109	504728.7	5407657.0
L4730.1	504728.7	5407657.6	5210.50000	257.75	62.28	48.821883	-86.935579	56087.95	56249.1	0.89	56088.83	56084.02734	56091.67602	56083.03516	504728.7	5407657.6
L4730.1	504728.7	5407657.6	5210.60010	258.43	57.8	48.821883	-86.935579	56088.88	56249.1	0.89	56089.77	56084.94922	56091.82875	56083.17969	504728.7	5407657.6
L4730.1	504728.7	5407658.4	5210.70020	256.42	57.8	48.821889	-86.935579	56088.97	56249.1	0.89	56089.86	56085.01563	56091.99905	56083.34375	504728.7	5407658.4
L4730.1	504728.7	5407659.0	5210.79981	258.82	60.35	48.821895	-86.935579	56088.72	56249.1	0.89	56089.62	56084.75781	56092.18242	56083.51953	504728.7	5407659.0
L4730.1	504728.7	5407659.7	5210.89990	257.89	60.6	48.821901	-86.935579	56089.03	56249.1	0.90	56089.92	56085.03906	56092.34817	56083.67578	504728.7	5407659.7
L4730.1	504728.7	5407659.7	5211.00000	257.89	60.6	48.821901	-86.935579	56089.82	56249.1	0.90	56090.72	56085.82031	56092.49007	56083.81250	504728.7	5407659.7
L4730.1	504728.7	5407660.4	5211.10010	257.59	61.31	48.821907	-86.935579	56089.96	56249.1	0.91	56090.86	56085.94141	56092.65946	56083.97266	504728.7	5407660.4
L4730.1	504728.6	5407661.1	5211.20020	258.57	59.4	48.821914	-86.935580	56090.45	56249.1	0.91	56091.36	56086.42188	56092.81018	56084.11719	504728.6	5407661.1
L4730.1	504728.6	5407661.7	5211.29981	257.56	59.4	48.821919	-86.935580	56090.67	56249.1	0.92	56091.59	56086.63672	56092.97427	56084.27344	504728.6	5407661.7
L4730.1	504728.6	5407662.4	5211.39990	246.47	53.68	48.821926	-86.935580	56090.80	56249.1	0.92	56091.72	56086.75000	56093.14443	56084.43750	504728.6	5407662.4
L4730.1	504728.6	5407662.4	5211.50000	246.15	53.68	48.821926	-86.935580	56091.20	56249.1	0.93	56092.13	56087.14453	56093.29766	56084.58203	504728.6	5407662.4
L4730.1	504728.6	5407663.2	5211.60010	257.50	57.8	48.821933	-86.935580	56091.31	56249.1	0.94	56092.24	56087.23828	56093.46983	56084.74609	504728.6	5407663.2
L4730.1	504728.6	5407664.2	5211.70020	256.73	63.67	48.821942	-86.935581	56091.91	56249.1	0.94	56092.86	56087.84375	56093.60682	56084.87500	504728.6	5407664.2
L4730.1	504728.5	5407665.0	5211.79981	257.53	63.67	48.821949	-86.935581	56092.09	56249.1	0.95	56093.04	56088.00781	56093.77285	56085.03516	504728.5	5407665.0
L4730.1	504728.5	5407665.0	5211.89990	257.38	57.74	48.821949	-86.935581	56092.29	56249	0.95	56093.25	56088.20313	56093.93755	56085.19531	504728.5	5407665.0
L4730.1	504728.5	5407666.0	5212.00000	256.75	57.74	48.821958	-86.935581	56092.54	56249	0.96	56093.50	56088.44141	56094.10020	56085.34766	504728.5	5407666.0
L4730.1	504728.5	5407666.8	5212.10010	256.34	65.12	48.821965	-86.935582	56093.26	56249	0.97	56094.23	56089.15625	56094.23144	56085.47266	504728.5	5407666.8
L4730.1	504728.5	5407667.6	5212.20020	257.30	65.12	48.821973	-86.935582	56093.63	56249	0.98	56094.61	56089.52344	56094.38653	56085.62109	504728.5	5407667.6
L4730.1	504728.5	5407667.6	5212.29981	257.61	64.07	48.821973	-86.935582	56093.38	56249	0.99	56094.37	56089.27344	56094.58343	56085.81250	504728.5	5407667.6
L4730.1	504728.4	5407668.6	5212.39990	258.13	64.07	48.821981	-86.935582	56093.50	56249	1.00	56094.50	56089.39063	56094.75610	56085.98047	504728.4	5407668.6
L4730.1	504728.4	5407669.6	5212.50000	258.70	66.47	48.821990	-86.935583	56094.12	56249	1.01	56095.13	56090.01172	56094.89583	56086.11328	504728.4	5407669.6
L4730.1	504728.4	5407670.3	5212.60010	258.41	67.81	48.821996	-86.935583	56094.17	56249	1.02	56095.19	56090.06250	56095.07390	56086.28516	504728.4	5407670.3
L4730.1	504728.4	5407670.3	5212.70020	255.96	67.81	48.821996	-86.935583	56094.92	56249	1.03	56095.95	56090.81250	56095.20559	56086.41016	504728.4	5407670.3
L4730.1	504728.4	5407671.1	5212.79981	254.23	68.39	48.822004	-86.935583	56094.52	56249	1.04	56095.56	56090.41406	56095.41420	56086.61328	504728.4	5407671.1
L4730.1	504728.3	5407672.0	5212.89990	256.00	68.39	48.822012	-86.935584	56095.13	56249	1.05	56096.18	56091.02344	56095.55569	56086.75000	504728.3	5407672.0

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4730.1	504728.3	5407673.0	5213.00000	256.02	69.15	48.822021	-86.935584	56096.01	56248.9	1.06	56097.07	56091.90625	56095.67933	56086.87109	504728.3	5407673.0
L4730.1	504728.3	5407673.0	5213.10010	255.73	69.81	48.822021	-86.935584	56095.89	56248.9	1.07	56096.95	56091.77734	56095.87043	56087.05859	504728.3	5407673.0
L4730.1	504728.3	5407674.2	5213.20020	246.92	69.81	48.822032	-86.935584	56096.64	56248.9	1.07	56097.72	56092.54297	56096.00226	56087.18750	504728.3	5407674.2
L4730.1	504728.3	5407675.1	5213.29981	245.39	70.55	48.822039	-86.935584	56095.91	56248.9	1.08	56096.99	56091.80469	56096.23412	56087.41406	504728.3	5407675.1
L4730.1	504728.3	5407676.0	5213.39990	257.11	70.55	48.822048	-86.935584	56097.20	56248.9	1.09	56098.29	56093.09766	56096.33064	56087.50781	504728.3	5407676.0
L4730.1	504728.3	5407676.8	5213.50000	257.52	70.08	48.822055	-86.935584	56096.36	56248.9	1.10	56097.45	56092.25391	56096.56976	56087.74219	504728.3	5407676.8
L4730.1	504728.3	5407677.5	5213.60010	256.31	69.87	48.822061	-86.935584	56097.20	56248.9	1.10	56098.30	56093.09766	56096.69612	56087.86719	504728.3	5407677.5
L4730.1	504728.3	5407678.4	5213.70020	257.04	69.87	48.822069	-86.935584	56097.58	56248.9	1.11	56098.69	56093.48438	56096.85301	56088.02344	504728.3	5407678.4
L4730.1	504728.3	5407679.3	5213.79981	256.03	73.35	48.822077	-86.935584	56097.77	56248.9	1.12	56098.89	56093.67969	56097.02305	56088.19141	504728.3	5407679.3
L4730.1	504728.3	5407679.3	5213.89990	258.42	72.26	48.822077	-86.935584	56098.11	56248.9	1.12	56099.24	56094.02344	56097.18985	56088.35547	504728.3	5407679.3
L4730.1	504728.3	5407680.6	5214.00000	259.83	72.26	48.822089	-86.935584	56098.64	56248.9	1.13	56099.77	56094.55078	56097.34786	56088.51563	504728.3	5407680.6
L4730.1	504728.3	5407681.3	5214.10010	261.37	74.98	48.822096	-86.935584	56098.84	56248.9	1.14	56099.98	56094.75781	56097.52625	56088.69141	504728.3	5407681.3
L4730.1	504728.3	5407682.6	5214.20020	260.12	74.67	48.822107	-86.935585	56098.74	56248.9	1.14	56099.88	56094.65625	56097.72019	56088.88672	504728.3	5407682.6
L4730.1	504728.2	5407683.5	5214.29981	258.98	74.67	48.822115	-86.935585	56099.31	56248.8	1.15	56100.46	56095.23438	56097.88093	56089.04688	504728.2	5407683.5
L4730.1	504728.2	5407683.5	5214.39990	257.33	74.04	48.822115	-86.935585	56099.98	56248.8	1.16	56101.13	56095.90234	56098.04120	56089.21094	504728.2	5407683.5
L4730.1	504728.2	5407684.6	5214.50000	259.19	74.04	48.822125	-86.935585	56100.26	56248.8	1.16	56101.42	56096.19141	56098.21876	56089.39063	504728.2	5407684.6
L4730.1	504728.2	5407685.5	5214.60010	256.21	77.92	48.822133	-86.935585	56100.18	56248.8	1.17	56101.36	56096.12891	56098.40740	56089.58203	504728.2	5407685.5
L4730.1	504728.2	5407686.7	5214.70020	256.29	77.92	48.822144	-86.935585	56100.56	56248.8	1.18	56101.74	56096.50781	56098.58055	56089.75781	504728.2	5407686.7
L4730.1	504728.2	5407686.7	5214.79981	246.20	78.8	48.822144	-86.935585	56100.56	56248.8	1.19	56101.75	56096.51563	56098.76266	56089.94141	504728.2	5407686.7
L4730.1	504728.2	5407687.9	5214.89990	248.19	78.8	48.822155	-86.935586	56101.32	56248.8	1.19	56102.52	56097.28906	56098.92595	56090.10938	504728.2	5407687.9
L4730.1	504728.2	5407689.0	5215.00000	260.35	76.66	48.822165	-86.935586	56101.62	56248.8	1.20	56102.82	56097.58594	56099.09966	56090.28906	504728.2	5407689.0
L4730.1	504728.1	5407689.9	5215.10010	261.04	73.15	48.822173	-86.935586	56100.69	56248.8	1.21	56101.90	56096.66797	56099.29140	56090.48438	504728.1	5407689.9
L4730.1	504728.1	5407689.9	5215.20020	261.17	73.15	48.822173	-86.935586	56101.85	56248.8	1.22	56103.07	56097.83984	56099.44764	56090.64844	504728.1	5407689.9
L4730.1	504728.1	5407691.1	5215.29981	260.89	70.72	48.822184	-86.935586	56101.96	56248.8	1.23	56103.18	56097.94922	56099.61835	56090.82422	504728.1	5407691.1
L4730.1	504728.1	5407692.4	5215.39990	259.62	70.72	48.822195	-86.935587	56102.31	56248.8	1.24	56103.54	56098.30859	56099.78392	56090.99609	504728.1	5407692.4
L4730.1	504728.1	5407692.4	5215.50000	261.77	73.94	48.822195	-86.935587	56102.74	56248.8	1.24	56103.98	56098.75000	56099.94671	56091.16797	504728.1	5407692.4
L4730.1	504728.1	5407693.5	5215.60010	259.40	73.94	48.822205	-86.935587	56102.46	56248.7	1.25	56103.71	56098.48438	56100.11408	56091.34375	504728.1	5407693.5
L4730.1	504728.1	5407694.5	5215.70020	259.85	76.84	48.822214	-86.935587	56103.07	56248.7	1.26	56104.33	56099.10547	56100.27039	56091.51172	504728.1	5407694.5
L4730.1	504728.1	5407695.9	5215.79981	261.92	79.57	48.822227	-86.935587	56103.63	56248.7	1.27	56104.90	56099.67578	56100.42447	56091.67578	504728.1	5407695.9
L4730.1	504728.1	5407695.9	5215.89990	262.67	83.73	48.822227	-86.935587	56103.82	56248.7	1.28	56105.10	56099.87891	56100.57930	56091.83984	504728.1	5407695.9
L4730.1	504728.1	5407696.9	5216.00000	261.00	84.15	48.822236	-86.935587	56103.88	56248.7	1.29	56105.17	56099.95313	56100.73285	56092.00391	504728.1	5407696.9
L4730.1	504728.0	5407698.0	5216.10010	260.96	84.15	48.822246	-86.935587	56104.41	56248.7	1.30	56105.71	56100.49609	56100.87771	56092.16406	504728.0	5407698.0
L4730.1	504728.0	5407698.8	5216.20020	259.33	84.77	48.822253	-86.935587	56104.78	56248.7	1.31	56106.09	56100.87891	56101.02094	56092.32031	504728.0	5407698.8
L4730.1	504728.0	5407700.0	5216.29981	261.29	85.15	48.822264	-86.935587	56104.98	56248.7	1.31	56106.30	56101.09375	56101.16342	56092.47656	504728.0	5407700.0
L4730.1	504728.0	5407701.0	5216.39990	259.95	85.15	48.822273	-86.935588	56105.65	56248.7	1.32	56106.97	56101.76563	56101.29388	56092.62109	504728.0	5407701.0
L4730.1	504728.0	5407702.3	5216.50000	259.27	85.42	48.822285	-86.935588	56106.03	56248.7	1.33	56107.36	56102.16016	56101.42516	56092.76953	504728.0	5407702.3
L4730.1	504728.0	5407702.3	5216.60010	258.53	85.42	48.822285	-86.935588	56105.65	56248.7	1.34	56106.99	56101.79297	56101.57169	56092.92969	504728.0	5407702.3
L4730.1	504728.0	5407703.6	5216.70020	258.77	85.42	48.822296	-86.935588	56106.61	56248.7	1.35	56107.96	56102.76563	56101.68061	56093.05859	504728.0	5407703.6
L4730.1	504728.0	5407704.9	5216.79981	260.06	86.11	48.822308	-86.935588	56106.18	56248.6	1.35	56107.53	56102.33984	56101.82664	56093.22266	504728.0	5407704.9
L4730.1	504728.0	5407704.9	5216.89990	258.11	86.11	48.822308	-86.935588	56106.47	56248.6	1.36	56107.83	56102.64453	56101.94872	56093.36328	504728.0	5407704.9
L4730.1	504728.0	5407706.2	5217.00000	257.94	86.58	48.822319	-86.935588	56106.43	56248.6	1.37	56107.80	56102.62109	56102.08064	56093.51563	504728.0	5407706.2
L4730.1	504728.0	5407707.3	5217.10010	259.19	86.61	48.822329	-86.935588	56107.09	56248.6	1.38	56108.48	56103.30469	56102.18188	56093.63672	504728.0	5407707.3
L4730.1	504728.0	5407707.3	5217.20020	258.29	87	48.822329	-86.935588	56107.62	56248.6	1.39	56109.01	56103.83984	56102.28474	56093.76172	504728.0	5407707.3
L4730.1	504728.0	5407708.7	5217.29981	258.22	87	48.822342	-86.935588	56107.34	56248.6	1.41	56108.75	56103.58594	56102.42295	56093.92188	504728.0	5407708.7
L4730.1	504728.0	5407709.7	5217.39990	258.03	87.14	48.822351	-86.935588	56108.18	56248.6	1.42	56109.60	56104.44141	56102.50463	56094.02734	504728.0	5407709.7
L4730.1	504728.0	5407711.1	5217.50000	257.57	87.14	48.822363	-86.935588	56107.72	56248.6	1.43	56109.15	56103.99609	56102.65448	56094.20313	504728.0	5407711.1
L4730.1	504728.0	5407711.1	5217.60010	258.11	87.76	48.822363	-86.935588	56108.00	56248.6	1.44	56109.44	56104.29297	56102.76468	56094.33594	504728.0	5407711.1
L4730.1	504728.0	5407712.4	5217.70020	259.08	88.14	48.822375	-86.935588	56108.50	56248.5	1.45	56109.96	56104.81641	56102.86107	56094.46094	504728.0	5407712.4
L4730.1	504728.0	5407713.7	5217.79981	257.50	88.14	48.822387	-86.935588	56108.68	56248.5	1.47	56110.15	56105.01172	56102.97848	56094.60547	504728.0	5407713.7
L4730.1	504728.0	5407713.7	5217.89990	255.96	87.53	48.822387	-86.935588	56108.61	56248.5	1.48	56110.09	56104.95703	56103.11424	56094.76953	504728.0	5407713.7
L4730.1	504728.0	5407714.8	5218.00000	253.93	87.96	48.822397	-86.935588	56108.88	56248.5	1.49	56110.37	56105.24609	56103.23117	56094.91406	504728.0	5407714.8
L4730.1	504728.0	5407716.1	5218.10010	255.38	87.96	48.822408	-86.935588	56109.14	56248.5	1.50	56110.64	56105.51953	56103.35203	56095.06641	504728.0	5407716.1
L4730.1	504728.0	5407716.9	5218.20020	254.74	88.86	48.822416	-86.935587	56109.29	56248.5	1.51	56110.80	56105.68750	56103.48368	56095.23047	504728.0	5407716.9
L4730.1	504728.0	5407718.1	5218.29981	256.41	89.34	48.822427	-86.935587	56109.71	56248.5	1.52	56111.23	56106.12500	56103.60291	56095.37891	504728.0	5407718.1
L4730.1	504728.0	5407719.2	5218.39990	257.99	89.34	48.822437	-86.935587	56109.90	56248.5	1.53	56111.42	56106.32031	56103.74109	56095.55078	504728.0	5407719.2
L4730.1	504728.1	5407720.5	5218.50000	256.69	78.96	48.822448	-86.935587	56109.51	56248.5	1.54	56111.05	56105.95703	56103.91318	56095.75781	504728.1	5407720.5
L4730.1	504728.1	5407722.1	5218.60010	258.27	78.96	48.822463	-86.935586	56110.11	56248.5	1.54	56111.65	56106.56641	56104.03346	56095.91406	504728.1	5407722.1
L4730.1	504728.1	5407723.5	5218.70020	256.06	81.46	48.822475	-86.935586	56110.27	56248.4	1.55	56111.83	56106.75000	56104.17785	56096.09375	504728.1	5407723.5
L4730.1	504728.1	5407723.5	5218.79981	257.13	81.46	48.822475	-86.935586	56110.25	56248.4	1.56	56111.82	56106.75000	56104.33038	56096.28125	504728.1	5407723.5
L4730.1	504728.1	5407724.7	5218.89990	256.26	85.36	48.822486	-86.935586	56110.73	56248.4	1.57	56112.30	56107.23828	56104.46144	56096.44922	504728.1	5407724.7
L4730.1	504728.2	5407725.9	5219.00000	258.92	85.36	48.822497	-86.935585	56111.06	56248.4	1.58	56112.64	56107.58594	56104.59772	56096.62500	504728.2	5407725.9
L4730.1	504728.2	5407725.9	5219.10010	257.60	79.79	48.822497	-86.935585	56111.08	56248.4	1.59	56112.67	56107.62109	56104.74128	56096.80859	504728.2	5407725.9
L4730.1	504728.2	5407727.3	5219.20020	257.15	79.79	48.822509	-86.935585	56110.61	56248.4	1.60	56112.21	56107.16797	56104.89221	56097.00000	504728.2	5407727.3
L4730.1	504728.2	5407728.5	5219.29981	258.28	76.8	48.822521	-86.935585	56111.04	56248.4	1.61	56112.65	56107.61719	56105.01306	56097.16406	504728.2	5407728.5
L4730.1	504728.2	5407729.7	5219.39990	262.12	76.8	48.822531	-86.935584	56111.21	56248.4	1.62	56112.84	56107.81641	56105.13522	56097.32813	504728.2	5407729.7
L4730.1	504728.3	5407731.0	5219.50000	261.52	79.04	48.822543	-86.935584	56111.46	56248.4	1.64	56113.10	56108.08594	56105.25060	56097.48438	504728.3	5407731.0
L4730.1	504728.3	5407731.0	5219.60010	262.59	79.04	48.822543	-86.935584	56111.64	56248.4	1.65	56113.29	56108.28516	56105.36184	56097.64063	504728.3	5407731.0
L4730.1	504728.3	5407732.2	5219.70020	261.92	85.47	48.822554	-86.935584	56112.48	56248.3	1.66	56114.13	56109.13281	56105.45718	56097.78125	504728.3	5407732.2
L4730.1	504728.3	5407733.2	5219.79981	261.64	85.47	48.822562	-86.935584	56112.37	56248.3	1.67	56114.04	56109.05078	56105.56190	56097.93359	504728.3	5407733.2
L4730.1	504728.3	5407734.4	5219.89990	260.83	82.55	48.822573	-86.935584	56112.05	56248.3	1.68	56113.73	56108.75000	56105.66403	56098.08203	504728.3	5407734.4
L4730.1	504728.3	5407735.6	5220.00000	261.15	79.61	48.822584	-86.935583	56112.50	56248.3	1.69	56114.19	56109.21875	56105.74901	56098.21484	504728.3	5407735.6
L4730.1	504728.3	5407735.6	5220.10010	258.31	79.61	48.822584	-86.935583	56112.24	56248.3	1.70	56113.94	56108.98047	56105.83914	56098.35156	504728.3	5407735.6
L4730.1	504728.3	5407737.0	5220.20020	259.35	79.61	48.822597	-86.935583	56112.73	56248.3	1.70	56114.44	56109.48828	56105.91118	56098.47266	504728.3	5407737.0
L4730.1	504728.3	5407738.0	5220.29981	259.57	87.21	48.822606	-86.935583	56112.90	56248.3	1.71	56114.61	56109.66797	56105.98195	56098.59375	504728.3	5407738.0
L4730.1	504728.3	5407739.2	5220.39990	258.41	88.52	48.822617	-86.935583	56113.44	56248.3	1.72	56115.16	56110.22656	56106.03886	56098.70313	504728.3	5407739.2
L4730.1	504728.3	5407739.2	5220.50000	257.49	88.52	48.822617	-86.935583	56113.46	56248.3	1.73	56115.18	56110.25781	56106.10024	56098.81641	504728.3	5407739.2
L4730.1	504728.3	5407740.9	5220.60010	256.23	91.3	48.822631	-86.935583	56113.18	56248.3	1.73	56114.91	56110.00000	56106.16438	56098.93359	504728.3	5407740.9
L4730.1	504728.3	5407742.1	5220.70020	255.49	91.3	48.822643	-86.935583	56113.16	56248.3	1.74	56114.90	56110.00000	56106.21886	56099.03906	504728.3	5407742.1
L4730.1	504728.3	5407743.2	5220.79981	256.39	92.42	48.822652	-86.935583	56113.41	56248.3	1.75	56115.15	56110.26172	56106.26245	56099.13672	504728.3	5407743.2
L4730.1	504728.3	5407743.2	5220.89990	257.09	92.42	48.822652	-86.935583	56113.62	56248.2	1.75	56115.37	56110.49219	56106.30391	56099.23438	504728.3	5407743.2
L4730.1	504728.3	5407744.3	5221.00000	258.72	92.66	48.822662	-86.935583	56113.62	56248.2	1.76	56115.38	56110.51172	56106.35117	56099.33594	504728.3	5407744.3
L4730.1	504728.3	5407745.7	5221.10010	259.26	92.66	48.822675	-86.935583	56113.82	56248.2	1.77	56115.58	56110.72266	56106.39060	56099.43359	504728.3	5407745.7
L4730.1	504728.3	5407745.7	5221.20020	259.28	93.05	48.822675	-86.935583	56113.87	56248.2	1.78	56115.64	56110.79688	56106.43587	56099.53516	504728.3	5407745.7
L4730.1	504728.4	5407747.1	5221.29981	258.86	89.42	48.822688	-86.935583	56114.04	56248.2	1.79	56115.83	56110.99609	56106.47658	56099.63281	504728.4	5407747.1
L4730.1	504728.4	5407749.6	5221.39990	258.73	89.42	48.822710	-86.935582	56113.94	56248.2	1.80	56115.74	56110.91797	56106.53125	56099.74609	504728.4	5407749.6
L4730.1	504728.4	5407749.6	5221.50000	258.92	89.42	48.822710	-86.935582	56114.50	56248.2	1.81	56116.31	56111.50000	56106.55503	56099.82813	504728.4	5407749.6
L4730.1	504728.4	5407751.1	5221.60010	261.53	89.63	48.822723	-86.935582	56114.14	56248.2	1.81	56115.96	56111.16406	56106.62358	56099.95313	504728.4	5407751.1
L4730.1	504728.4	5407752.5	5221.70020	259.66	89.63	48.822736	-86.935582	56114.47	56248.2	1.82	56116.30	56111.51563	56106.65756	56100.04688	504728.4	5407752.5
L4730.1	504728.4	5407752.5	5221.79981	259.24	88.15	48.822736	-86.935582	56114.02	56248.2	1.83	56115.85	56111.07813	56106.73068	56100.17969	504728.4	5407752.5
L4730.1	504728.4	5407753.6	5221.89990	246.95	92.13	48.822746	-86.935582	56114.35	56248.2	1.84	56116.19	56111.43359	56106.76223	56100.27344	504728.4	5407753.6
L4730.1	504728.4	5407755.5	5222.00000	249.03	92.13	48.822763	-86.935582	56114.07	56248.2	1.85	56115.92	56111.17578	56106.82368	56100.39453	504728.4	5407755.5
L4730.1	504728.4	5407755.5	5222.10010	249.23	93.17	48.822763	-86.935582	56114.12	56248.1	1.86	56115.98	56111.25000	56106.86590	56100.50000	504728.4	5407755.5
L4730.1	504728.4	5407757.1	5222.20020	247.50	93.17	48.822777	-86.935582	56115.06	56248.1	1.87	56116.93	56112.21484	56106.85825	56100.55469	504728.4	5407757.1

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4730.1	504728.4	5407758.0	5222.29981	256.60	93.71	48.822786	-86.935582	56115.24	56248.1	1.87	56117.11	56112.40625	56106.88883	56100.64453	504728.4	5407758.0
L4730.1	504728.4	5407759.7	5222.39990	255.15	93.71	48.822801	-86.935582	56115.24	56248.1	1.88	56117.12	56112.43359	56106.92643	56100.74609	504728.4	5407759.7
L4730.1	504728.4	5407761.0	5222.50000	257.56	93.86	48.822812	-86.935582	56114.67	56248.1	1.89	56116.56	56111.88672	56106.99360	56100.87500	504728.4	5407761.0
L4730.1	504728.4	5407761.0	5222.60010	257.12	82.64	48.822812	-86.935582	56114.91	56248.1	1.90	56116.80	56112.14063	56107.01649	56100.96094	504728.4	5407761.0
L4730.1	504728.4	5407762.5	5222.70020	257.42	82.64	48.822826	-86.935582	56115.87	56248.1	1.91	56117.78	56113.13672	56106.99736	56101.00781	504728.4	5407762.5
L4730.1	504728.4	5407763.8	5222.79981	256.81	83.85	48.822837	-86.935582	56114.85	56248.1	1.91	56116.76	56112.13281	56107.08615	56101.16016	504728.4	5407763.8
L4730.1	504728.4	5407763.8	5222.89990	256.91	83.85	48.822837	-86.935582	56114.68	56248.1	1.92	56116.60	56111.98438	56107.12531	56101.26172	504728.4	5407763.8
L4730.1	504728.4	5407765.3	5223.00000	257.26	85.45	48.822851	-86.935582	56115.18	56248.1	1.93	56117.11	56112.51172	56107.12386	56101.32422	504728.4	5407765.3
L4730.1	504728.4	5407766.6	5223.10010	257.55	88	48.822863	-86.935581	56115.79	56248.1	1.93	56117.73	56113.14844	56107.11027	56101.37500	504728.4	5407766.6
L4730.1	504728.4	5407767.9	5223.20020	256.22	90.5	48.822874	-86.935581	56115.43	56248.1	1.94	56117.37	56112.80469	56107.14299	56101.47266	504728.4	5407767.9
L4730.1	504728.4	5407767.9	5223.29981	255.89	90.5	48.822874	-86.935581	56115.57	56248.1	1.94	56117.51	56112.96094	56107.13772	56101.53125	504728.4	5407767.9
L4730.1	504728.4	5407769.1	5223.39990	255.09	94.7	48.822885	-86.935582	56115.71	56248	1.95	56117.66	56113.12500	56107.11959	56101.57422	504728.4	5407769.1
L4730.1	504728.4	5407770.0	5223.50000	255.01	94.89	48.822894	-86.935582	56115.29	56248	1.96	56117.24	56112.72266	56107.12430	56101.64453	504728.4	5407770.0
L4730.1	504728.4	5407771.6	5223.60010	258.33	94.89	48.822908	-86.935582	56115.01	56248	1.96	56116.97	56112.46875	56107.14030	56101.72656	504728.4	5407771.6
L4730.1	504728.4	5407773.0	5223.70020	260.51	95.16	48.822920	-86.935582	56115.94	56248	1.97	56117.90	56113.41406	56107.08953	56101.73828	504728.4	5407773.0
L4730.1	504728.4	5407774.2	5223.79981	260.27	95.16	48.822931	-86.935582	56115.01	56248	1.97	56116.98	56112.51172	56107.15966	56101.87109	504728.4	5407774.2
L4730.1	504728.4	5407774.2	5223.89990	259.94	94.74	48.822931	-86.935582	56115.33	56248	1.98	56117.30	56112.85156	56107.14471	56101.92188	504728.4	5407774.2
L4730.1	504728.4	5407775.7	5224.00000	260.01	94.74	48.822945	-86.935582	56114.91	56248	1.98	56116.89	56112.45703	56107.17601	56102.01563	504728.4	5407775.7
L4730.1	504728.3	5407777.2	5224.10010	258.80	94.79	48.822958	-86.935582	56115.77	56248	1.99	56117.76	56113.34375	56107.11958	56102.02344	504728.3	5407777.2
L4730.1	504728.3	5407778.6	5224.20020	257.68	94.78	48.822971	-86.935583	56115.20	56248	2.00	56117.20	56112.80078	56107.15608	56102.12109	504728.3	5407778.6
L4730.1	504728.3	5407778.6	5224.29981	260.13	94.78	48.822971	-86.935583	56114.93	56248	2.01	56116.94	56112.55859	56107.17020	56102.19922	504728.3	5407778.6
L4730.1	504728.3	5407779.9	5224.39990	260.81	94.84	48.822982	-86.935583	56115.79	56248	2.02	56117.81	56113.44922	56107.10660	56102.19922	504728.3	5407779.9
L4730.1	504728.3	5407781.3	5224.50000	260.54	95	48.822995	-86.935583	56114.83	56248	2.03	56116.86	56112.51563	56107.16198	56102.31641	504728.3	5407781.3
L4730.1	504728.3	5407781.3	5224.60010	260.26	95	48.822995	-86.935583	56115.10	56248	2.03	56117.14	56112.81250	56107.13299	56102.35156	504728.3	5407781.3
L4730.1	504728.3	5407782.5	5224.70020	260.87	95.16	48.823006	-86.935583	56115.16	56248	2.04	56117.20	56112.89063	56107.11632	56102.39453	504728.3	5407782.5
L4730.1	504728.3	5407784.5	5224.79981	246.85	95.16	48.823024	-86.935583	56115.21	56247.9	2.05	56117.26	56112.96875	56107.09732	56102.43750	504728.3	5407784.5
L4730.1	504728.3	5407785.7	5224.89990	246.20	95.16	48.823035	-86.935583	56115.38	56247.9	2.06	56117.44	56113.16797	56107.06799	56102.46875	504728.3	5407785.7
L4730.1	504728.3	5407786.6	5225.00000	242.97	95.16	48.823043	-86.935583	56114.86	56247.9	2.07	56116.93	56112.67578	56107.08235	56102.54297	504728.3	5407786.6
L4730.1	504728.3	5407787.9	5225.10010	242.58	95.16	48.823054	-86.935583	56114.78	56247.9	2.07	56116.85	56112.61328	56107.06575	56102.58594	504728.3	5407787.9
L4730.1	504728.3	5407787.9	5225.20020	244.80	95.16	48.823054	-86.935583	56115.18	56247.9	2.08	56117.26	56113.04297	56107.01419	56102.59375	504728.3	5407787.9
L4730.1	504728.3	5407789.5	5225.29981	244.99	95.16	48.823069	-86.935583	56114.95	56247.9	2.08	56117.03	56112.83203	56107.00302	56102.64063	504728.3	5407789.5
L4730.1	504728.3	5407790.9	5225.39990	244.42	95.16	48.823081	-86.935583	56114.73	56247.9	2.09	56116.81	56112.62891	56106.98892	56102.68750	504728.3	5407790.9
L4730.1	504728.3	5407790.9	5225.50000	240.64	95.16	48.823081	-86.935583	56114.73	56247.9	2.09	56116.82	56112.65625	56106.95724	56102.71094	504728.3	5407790.9
L4730.1	504728.3	5407793.1	5225.60010	241.19	95.16	48.823101	-86.935583	56115.18	56247.9	2.09	56117.28	56113.13672	56106.89332	56102.70313	504728.3	5407793.1
L4730.1	504728.3	5407793.1	5225.70020	243.12	95.16	48.823101	-86.935583	56114.47	56247.9	2.10	56116.57	56112.44531	56106.90518	56102.77344	504728.3	5407793.1
L4730.1	504728.3	5407794.6	5225.79981	243.98	95.16	48.823114	-86.935583	56114.86	56247.9	2.10	56116.96	56112.85156	56106.84150	56102.76563	504728.3	5407794.6
L4730.1	504728.3	5407795.9	5225.89990	242.49	95.16	48.823127	-86.935583	56114.45	56247.9	2.11	56116.56	56112.47266	56106.82829	56102.80469	504728.3	5407795.9
L4730.1	504728.3	5407797.2	5226.00000	244.75	95.16	48.823138	-86.935583	56114.54	56247.9	2.11	56116.65	56112.57813	56106.78023	56102.81250	504728.3	5407797.2
L4730.1	504728.3	5407798.5	5226.10010	246.96	95.16	48.823150	-86.935583	56114.28	56247.9	2.12	56116.40	56112.34766	56106.75268	56102.83984	504728.3	5407798.5
L4730.1	504728.3	5407799.8	5226.20020	244.36	95.16	48.823161	-86.935583	56114.39	56247.9	2.13	56116.52	56112.48438	56106.69831	56102.83594	504728.3	5407799.8
L4730.1	504728.3	5407799.8	5226.29981	243.33	95.16	48.823161	-86.935583	56114.38	56247.9	2.14	56116.51	56112.49219	56106.65047	56102.83984	504728.3	5407799.8
L4730.1	504728.2	5407801.3	5226.39990	241.32	95.16	48.823175	-86.935583	56113.88	56247.9	2.15	56116.02	56112.02344	56106.63251	56102.87500	504728.2	5407801.3
L4730.1	504728.2	5407802.4	5226.50000	242.72	95.16	48.823185	-86.935583	56114.55	56247.8	2.15	56116.71	56112.73047	56106.53377	56102.82422	504728.2	5407802.4
L4730.1	504728.2	5407803.8	5226.60010	242.04	95.16	48.823197	-86.935583	56113.87	56247.8	2.16	56116.03	56112.06641	56106.52429	56102.86328	504728.2	5407803.8
L4730.1	504728.2	5407805.1	5226.70020	243.09	130	48.823209	-86.935583	56114.32	56247.8	2.17	56116.50	56112.55469	56106.43606	56102.82422	504728.2	5407805.1
L4730.1	504728.2	5407806.4	5226.79981	244.05	130	48.823221	-86.935583	56113.11	56247.8	2.18	56115.29	56111.36328	56106.45778	56102.89453	504728.2	5407806.4
L4730.1	504728.3	5407807.5	5226.89990	245.26	130	48.823231	-86.935583	56113.96	56247.8	2.19	56116.16	56112.25000	56106.33878	56102.82031	504728.3	5407807.5
L4730.1	504728.2	5407808.5	5227.00000	247.30	130	48.823240	-86.935583	56113.92	56247.8	2.20	56116.12	56112.22656	56106.27843	56102.80859	504728.2	5407808.5
L4730.1	504728.2	5407808.5	5227.10010	247.75	130	48.823240	-86.935583	56113.59	56247.8	2.20	56115.80	56111.92578	56106.23474	56102.80859	504728.2	5407808.5
L4730.1	504728.2	5407810.4	5227.20020	247.01	130	48.823257	-86.935583	56113.79	56247.8	2.21	56116.00	56112.14063	56106.15439	56102.77344	504728.2	5407810.4
L4730.1	504728.2	5407810.4	5227.29981	247.93	130	48.823257	-86.935583	56112.72	56247.8	2.21	56114.93	56111.08984	56106.15673	56102.81641	504728.2	5407810.4
L4730.1	504728.2	5407813.0	5227.39990	247.48	130	48.823280	-86.935583	56112.84	56247.8	2.22	56115.05	56111.22656	56106.07778	56102.78125	504728.2	5407813.0
L4730.1	504728.2	5407814.1	5227.50000	244.79	130	48.823290	-86.935583	56113.31	56247.8	2.22	56115.53	56111.72266	56105.97289	56102.71484	504728.2	5407814.1
L4730.1	504728.2	5407814.1	5227.60010	246.30	130	48.823290	-86.935583	56113.04	56247.8	2.22	56115.26	56111.46875	56105.91607	56102.69922	504728.2	5407814.1
L4730.1	504728.2	5407815.4	5227.70020	247.36	130	48.823302	-86.935583	56112.65	56247.8	2.23	56114.88	56111.10156	56105.86468	56102.68750	504728.2	5407815.4
L4730.1	504728.2	5407817.1	5227.79981	248.71	130	48.823317	-86.935583	56113.06	56247.8	2.23	56115.29	56111.52734	56105.75872	56102.61719	504728.2	5407817.1
L4730.1	504728.2	5407817.1	5227.89990	248.18	130	48.823317	-86.935583	56112.24	56247.8	2.24	56114.48	56110.73438	56105.73223	56102.62891	504728.2	5407817.1
L4730.1	504728.2	5407819.5	5228.00000	251.62	130	48.823339	-86.935583	56113.24	56247.8	2.24	56115.48	56111.75000	56105.58321	56102.51563	504728.2	5407819.5
L4730.1	504728.2	5407820.6	5228.10010	249.82	130	48.823349	-86.935583	56111.95	56247.8	2.24	56114.19	56110.47656	56105.58502	56102.55078	504728.2	5407820.6
L4730.1	504728.2	5407822.1	5228.20020	249.68	130	48.823362	-86.935583	56111.97	56247.8	2.25	56114.22	56110.51953	56105.49700	56102.50000	504728.2	5407822.1
L4730.1	504728.2	5407822.1	5228.29981	250.62	130	48.823362	-86.935583	56112.37	56247.8	2.25	56114.62	56110.93359	56105.38251	56102.41797	504728.2	5407822.1
L4730.1	504728.2	5407823.1	5228.39990	256.60	130	48.823371	-86.935583	56112.43	56247.7	2.25	56114.68	56111.00781	56105.28889	56102.35547	504728.2	5407823.1
L4730.1	504728.2	5407825.0	5228.50000	259.14	130	48.823388	-86.935583	56111.79	56247.7	2.25	56114.05	56110.39453	56105.23950	56102.33594	504728.2	5407825.0
L4730.1	504728.2	5407826.1	5228.60010	259.08	130	48.823398	-86.935583	56111.18	56247.7	2.26	56113.44	56109.79688	56105.18701	56102.31250	504728.2	5407826.1
L4730.1	504728.2	5407826.1	5228.70020	259.83	130	48.823398	-86.935583	56111.54	56247.7	2.26	56113.80	56110.17188	56105.06811	56102.22266	504728.2	5407826.1
L4730.1	504728.3	5407828.8	5228.79981	260.69	130	48.823422	-86.935583	56111.32	56247.7	2.26	56113.58	56109.96484	56104.98615	56102.16797	504728.3	5407828.8
L4730.1	504728.3	5407828.8	5228.89990	258.49	130	48.823422	-86.935583	56111.46	56247.7	2.27	56113.73	56110.12500	56104.87781	56102.08594	504728.3	5407828.8
L4730.1	504728.3	5407830.2	5229.00000	256.00	130	48.823435	-86.935583	56111.44	56247.7	2.27	56113.71	56110.12109	56104.77911	56102.01563	504728.3	5407830.2
L4730.1	504728.3	5407831.9	5229.10010	257.19	130	48.823451	-86.935583	56111.01	56247.7	2.27	56113.28	56109.70313	56104.70606	56101.96484	504728.3	5407831.9
L4730.1	504728.3	5407831.9	5229.20020	247.69	130	48.823451	-86.935583	56110.38	56247.7	2.28	56112.65	56109.08594	56104.64467	56101.92969	504728.3	5407831.9
L4730.1	504728.3	5407833.5	5229.29981	247.28	130	48.823465	-86.935582	56111.14	56247.7	2.28	56113.43	56109.87500	56104.48763	56101.79297	504728.3	5407833.5
L4730.1	504728.3	5407833.5	5229.39990	255.47	130	48.823465	-86.935582	56110.50	56247.7	2.29	56112.79	56109.25000	56104.42363	56101.75000	504728.3	5407833.5
L4730.1	504728.3	5407835.3	5229.50000	248.97	130	48.823481	-86.935582	56110.02	56247.7	2.29	56112.31	56108.78125	56104.34733	56101.69531	504728.3	5407835.3
L4730.1	504728.3	5407836.4	5229.60010	249.09	130	48.823491	-86.935582	56111.08	56247.7	2.30	56113.38	56109.85938	56104.16610	56101.53516	504728.3	5407836.4
L4730.1	504728.3	5407837.8	5229.70020	256.49	130	48.823503	-86.935582	56109.70	56247.7	2.31	56112.00	56108.49219	56104.14661	56101.53516	504728.3	5407837.8
L4730.1	504728.3	5407838.8	5229.79981	258.07	130	48.823513	-86.935582	56110.11	56247.7	2.31	56112.42	56108.92188	56104.01226	56101.41797	504728.3	5407838.8
L4730.1	504728.4	5407840.3	5229.89990	256.80	130	48.823526	-86.935581	56110.25	56247.7	2.32	56112.56	56109.07422	56103.92221	56101.34375	504728.4	5407840.3
L4730.1	504728.4	5407841.4	5230.00000	257.69	130	48.823535	-86.935581	56109.24	56247.7	2.32	56111.56	56108.08203	56103.89494	56101.33203	504728.4	5407841.4
L4730.1	504728.4	5407841.4	5230.10010	256.31	130	48.823535	-86.935581	56109.92	56247.7	2.33	56112.25	56108.78125	56103.76456	56101.21875	504728.4	5407841.4
L4730.1	504728.4	5407843.3	5230.20020	257.96	130	48.823553	-86.935581	56109.24	56247.7	2.34	56111.57	56108.11328	56103.70438	56101.17188	504728.4	5407843.3
L4730.1	504728.4	5407844.6	5230.29981	257.55	130	48.823564	-86.935581	56108.94	56247.7	2.34	56111.28	56107.83203	56103.61493	56101.09375	504728.4	5407844.6
L4730.1	504728.4	5407846.2	5230.39990	258.92	130	48.823579	-86.935581	56109.52	56247.6	2.35	56111.87	56108.42969	56103.47590	56100.96875	504728.4	5407846.2
L4730.1	504728.4	5407846.2	5230.50000	259.09	130	48.823579	-86.935581	56108.78	56247.6	2.36	56111.14	56107.71094	56103.39556	56100.90234	504728.4	5407846.2
L4730.1	504728.4	5407848.9	5230.60010	260.16	130	48.823603	-86.935581	56109.06	56247.6	2.37	56111.42	56108.00000	56103.26243	56100.77734	504728.4	5407848.9
L4730.1	504728.4	5407848.9	5230.70020	260.55	130	48.823603	-86.935581	56108.34	56247.6	2.38	56110.71	56107.29688	56103.17331	56100.69922	504728.4	5407848.9
L4730.1	504728.4	5407850.6	5230.79981	262.44	130	48.823619	-86.935581	56107.87	56247.6	2.38	56110.25	56106.84375	56103.07048	56100.60547	504728.4	5407850.6
L4730.1	504728.4	5407852.2	5230.89990	263.18	130	48.823633	-86.935581	56108.38	56247.6	2.39	56110.77	56107.37109	56102.92094	56100.46484	504728.4	5407852.2
L4730.1	504728.4	5407852.2	5231.00000	259.51	130	48.823633	-86.935581	56107.77	56247.6	2.40	56110.17	56106.78125	56102.82430	56100.37891	504728.4	5407852.2
L4730.1	504728.4	5407853.6	5231.10010	258.96	130	48.823645	-86.935581	56108.13	56247.6	2.41	56110.53	56107.14844	56102.68490	56100.24609	504728.4	5407853.6
L4730.1	504728.4	5407855.2	5231.20020	259.02	130	48.823660	-86.935581	56107.95	56247.6	2.41	56110.37	56106.99609	56102.57126	56100.13672	504728.4	5407855.2
L4730.1	504728.4	5407856.6	5231.29981	259.09	130	48.823672	-86.935581	56107.08	56247.6	2.42	56109.50	56106.13281	56102.48938	56100.06250	504728.4	5407856.6
L4730.1	504728.4	5407856.6	5231.39990	256.26	130	48.823672	-86.935581	56106.94	56247.6	2.42	56109.36	56106.00000	56102.37659	56099.95703	504728.4	5407856.6
L4730.1	504728.4	5407858.0	5231.50000	256.40	130	48.823686	-86.935581	56107.21	56247.6	2.43	56109.64	56106.28516	56102.24899	56099.83203	504728.4	5407858.0

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4730.1	504728.4	5407859.3	5231.60010	254.45	130	48.823697	-86.935581	56106.69	56247.6	2.44	56109.12	56105.77344	56102.15281	56099.74219	504728.4	5407859.3
L4730.1	504728.4	5407860.6	5231.70020	253.17	130	48.823709	-86.935581	56106.16	56247.6	2.44	56108.60	56105.25781	56102.05541	56099.64844	504728.4	5407860.6
L4730.1	504728.4	5407861.9	5231.79981	256.28	130	48.823720	-86.935581	56106.63	56247.6	2.45	56109.08	56105.74219	56101.92843	56099.52344	504728.4	5407861.9
L4730.1	504728.4	5407863.2	5231.89990	255.85	130	48.823732	-86.935581	56106.43	56247.5	2.45	56108.89	56105.55859	56101.82399	56099.42188	504728.4	5407863.2
L4730.1	504728.4	5407865.0	5232.00000	256.58	130	48.823749	-86.935581	56105.37	56247.5	2.46	56107.83	56104.50391	56101.73845	56099.33984	504728.4	5407865.0
L4730.1	504728.4	5407865.0	5232.10010	257.21	130	48.823749	-86.935581	56105.80	56247.5	2.46	56108.26	56104.94141	56101.62399	56099.22656	504728.4	5407865.0
L4730.1	504728.4	5407866.3	5232.20020	261.41	130	48.823760	-86.935581	56106.11	56247.5	2.47	56108.58	56105.26563	56101.51821	56099.12109	504728.4	5407866.3
L4730.1	504728.4	5407868.0	5232.29981	262.68	130	48.823775	-86.935580	56104.96	56247.5	2.47	56107.43	56104.12109	56101.42466	56099.02734	504728.4	5407868.0
L4730.1	504728.4	5407868.0	5232.39990	262.34	130	48.823775	-86.935580	56105.65	56247.5	2.48	56108.13	56104.82422	56101.32428	56098.92969	504728.4	5407868.0
L4730.1	504728.4	5407869.5	5232.50000	264.01	130	48.823789	-86.935580	56104.89	56247.5	2.49	56107.38	56104.08203	56101.22207	56098.82422	504728.4	5407869.5
L4730.1	504728.4	5407871.3	5232.60010	263.39	130	48.823805	-86.935580	56104.98	56247.5	2.49	56107.47	56104.17578	56101.12445	56098.72656	504728.4	5407871.3
L4730.1	504728.4	5407872.6	5232.70020	263.64	130	48.823816	-86.935580	56104.50	56247.5	2.50	56107.00	56103.71094	56101.01663	56098.61719	504728.4	5407872.6
L4730.1	504728.4	5407873.6	5232.79981	261.97	130	48.823825	-86.935580	56104.26	56247.5	2.50	56106.76	56103.47266	56100.90847	56098.50781	504728.4	5407873.6
L4730.1	504728.4	5407875.0	5232.89990	262.37	130	48.823838	-86.935580	56104.08	56247.5	2.51	56106.59	56103.30859	56100.79756	56098.39844	504728.4	5407875.0
L4730.1	504728.4	5407875.0	5233.00000	260.54	130	48.823838	-86.935580	56103.87	56247.5	2.51	56106.38	56103.10156	56100.67966	56098.27734	504728.4	5407875.0
L4730.1	504728.4	5407876.8	5233.10010	262.93	130	48.823854	-86.935580	56103.60	56247.5	2.52	56106.12	56102.84766	56100.55277	56098.14844	504728.4	5407876.8
L4730.1	504728.4	5407878.3	5233.20020	263.80	130	48.823868	-86.935580	56103.68	56247.5	2.52	56106.20	56102.92969	56100.43290	56098.02344	504728.4	5407878.3
L4730.1	504728.4	5407879.4	5233.29981	263.17	130	48.823877	-86.935580	56103.54	56247.5	2.53	56106.07	56102.80469	56100.29525	56097.88281	504728.4	5407879.4
L4730.1	504728.4	5407879.4	5233.39990	254.78	130	48.823877	-86.935580	56102.86	56247.5	2.53	56105.40	56102.13672	56100.12466	56097.71094	504728.4	5407879.4
L4730.1	504728.4	5407881.1	5233.50000	254.58	130	48.823893	-86.935580	56103.12	56247.5	2.54	56105.66	56102.40234	56099.99069	56097.57422	504728.4	5407881.1
L4730.1	504728.4	5407882.2	5233.60010	264.05	130	48.823903	-86.935580	56102.86	56247.5	2.55	56105.41	56102.15234	56099.82728	56097.40625	504728.4	5407882.2
L4730.1	504728.4	5407882.2	5233.70020	264.16	130	48.823903	-86.935580	56102.11	56247.4	2.55	56104.67	56101.41797	56099.63869	56097.21484	504728.4	5407882.2
L4730.1	504728.4	5407883.8	5233.79981	263.09	130	48.823918	-86.935580	56102.51	56247.4	2.56	56105.07	56101.82031	56099.49468	56097.06641	504728.4	5407883.8
L4730.1	504728.4	5407885.5	5233.89990	262.17	130	48.823932	-86.935580	56102.33	56247.4	2.56	56104.90	56101.65234	56099.32335	56096.88672	504728.4	5407885.5
L4730.1	504728.4	5407886.9	5234.00000	263.25	130	48.823945	-86.935580	56101.57	56247.4	2.57	56104.14	56100.89453	56099.13014	56096.69141	504728.4	5407886.9
L4730.1	504728.4	5407888.2	5234.10010	260.22	130	48.823957	-86.935580	56102.06	56247.4	2.58	56104.64	56101.39844	56098.97716	56096.53125	504728.4	5407888.2
L4730.1	504728.4	5407888.2	5234.20020	249.74	130	48.823957	-86.935580	56101.39	56247.4	2.59	56103.98	56100.74219	56098.78704	56096.33594	504728.4	5407888.2
L4730.1	504728.4	5407889.6	5234.29981	250.78	130	48.823970	-86.935580	56101.58	56247.4	2.60	56104.18	56100.94141	56098.61675	56096.16016	504728.4	5407889.6
L4730.1	504728.4	5407891.1	5234.39990	262.41	130	48.823983	-86.935580	56100.73	56247.4	2.61	56103.34	56100.10547	56098.42179	56095.96094	504728.4	5407891.1
L4730.1	504728.4	5407892.4	5234.50000	263.28	130	48.823994	-86.935580	56100.26	56247.4	2.62	56102.87	56099.63672	56098.23390	56095.76563	504728.4	5407892.4
L4730.1	504728.4	5407893.8	5234.60010	267.85	130	48.824007	-86.935580	56099.93	56247.4	2.62	56102.55	56099.32031	56098.04615	56095.57422	504728.4	5407893.8
L4730.1	504728.4	5407893.8	5234.70020	263.74	130	48.824007	-86.935580	56099.70	56247.4	2.63	56102.33	56099.10156	56097.85567	56095.37500	504728.4	5407893.8
L4730.1	504728.5	5407896.8	5234.79981	258.58	130	48.824035	-86.935580	56099.58	56247.4	2.64	56102.22	56098.99219	56097.66015	56095.17188	504728.5	5407896.8
L4730.1	504728.5	5407896.8	5234.89990	256.33	130	48.824035	-86.935580	56099.90	56247.3	2.65	56102.55	56099.32422	56097.45060	56094.95703	504728.5	5407896.8
L4730.1	504728.5	5407898.5	5235.00000	256.35	130	48.824050	-86.935579	56099.70	56247.3	2.66	56102.36	56099.13672	56097.24198	56094.74219	504728.5	5407898.5
L4730.1	504728.5	5407899.9	5235.10010	260.47	130	48.824062	-86.935579	56099.09	56247.3	2.67	56101.76	56098.53906	56097.04601	56094.53906	504728.5	5407899.9
L4730.1	504728.5	5407899.9	5235.20020	261.28	130	48.824062	-86.935579	56099.05	56247.3	2.67	56101.72	56098.50000	56096.82837	56094.31250	504728.5	5407899.9
L4730.1	504728.5	5407902.2	5235.29981	262.23	130	48.824083	-86.935579	56099.24	56247.3	2.68	56101.92	56098.69922	56096.59145	56094.07031	504728.5	5407902.2
L4730.1	504728.5	5407902.2	5235.39990	263.44	130	48.824083	-86.935579	56099.30	56247.3	2.68	56101.98	56098.76172	56096.39021	56093.85938	504728.5	5407902.2
L4730.1	504728.5	5407903.9	5235.50000	261.63	130	48.824098	-86.935579	56098.36	56247.3	2.69	56101.05	56097.83203	56096.27835	56093.74219	504728.5	5407903.9
L4730.1	504728.5	5407905.8	5235.60010	260.17	130	48.824115	-86.935578	56098.74	56247.3	2.70	56101.43	56098.21094	56096.07860	56093.53125	504728.5	5407905.8
L4730.1	504728.5	5407905.8	5235.70020	257.34	130	48.824115	-86.935578	56097.27	56247.3	2.70	56099.98	56096.76172	56096.00032	56093.44531	504728.5	5407905.8
L4730.1	504728.5	5407907.2	5235.79981	254.76	130	48.824128	-86.935578	56098.01	56247.3	2.71	56100.72	56097.50391	56095.77551	56093.21484	504728.5	5407907.2
L4730.1	504728.6	5407908.7	5235.89990	252.24	130	48.824141	-86.935578	56097.75	56247.3	2.71	56100.46	56097.24219	56095.61686	56093.04688	504728.6	5407908.7
L4730.1	504728.6	5407910.0	5236.00000	245.96	130	48.824153	-86.935578	56097.76	56247.3	2.72	56100.48	56097.26563	56095.43906	56092.85938	504728.6	5407910.0
L4730.1	504728.6	5407910.0	5236.10010	244.41	130	48.824153	-86.935578	56097.25	56247.3	2.73	56099.97	56096.75391	56095.29611	56092.70703	504728.6	5407910.0
L4730.1	504728.6	5407911.9	5236.20020	244.56	130	48.824170	-86.935578	56096.39	56247.3	2.74	56099.13	56095.91406	56095.17470	56092.57813	504728.6	5407911.9
L4730.1	504728.6	5407913.7	5236.29981	247.26	130	48.824186	-86.935577	56097.15	56247.3	2.75	56099.90	56096.68359	56094.94552	56092.33984	504728.6	5407913.7
L4730.1	504728.6	5407915.1	5236.39990	249.46	130	48.824198	-86.935577	56095.93	56247.2	2.76	56098.69	56095.47266	56094.84790	56092.23438	504728.6	5407915.1
L4730.1	504728.6	5407916.3	5236.50000	253.32	130	48.824210	-86.935577	56095.75	56247.2	2.76	56098.52	56095.30078	56094.68054	56092.05469	504728.6	5407916.3
L4730.1	504728.6	5407916.3	5236.60010	254.88	130	48.824210	-86.935577	56095.33	56247.2	2.77	56098.10	56094.88281	56094.52944	56091.89453	504728.6	5407916.3
L4730.1	504728.7	5407918.5	5236.70020	253.92	130	48.824229	-86.935576	56095.18	56247.2	2.78	56097.96	56094.74219	56094.35928	56091.71484	504728.7	5407918.5
L4730.1	504728.7	5407919.8	5236.79981	253.50	130	48.824241	-86.935576	56095.75	56247.2	2.79	56098.55	56095.32813	56094.14008	56091.48438	504728.7	5407919.8
L4730.1	504728.7	5407921.2	5236.89990	251.17	130	48.824254	-86.935576	56095.25	56247.2	2.80	56098.06	56094.83984	56093.99250	56091.32813	504728.7	5407921.2
L4730.1	504728.7	5407921.2	5237.00000	250.22	130	48.824254	-86.935576	56095.18	56247.2	2.81	56097.99	56094.76563	56093.81657	56091.14063	504728.7	5407921.2
L4730.1	504728.7	5407922.8	5237.10010	252.76	130	48.824268	-86.935575	56094.06	56247.2	2.82	56096.88	56093.65625	56093.70962	56091.02344	504728.7	5407922.8
L4730.1	504728.8	5407924.2	5237.20020	257.52	130	48.824281	-86.935575	56094.26	56247.2	2.83	56097.09	56093.86328	56093.54011	56090.84375	504728.8	5407924.2
L4730.1	504728.8	5407924.2	5237.29981	261.98	130	48.824281	-86.935575	56093.88	56247.2	2.84	56096.72	56093.49219	56093.42353	56090.71875	504728.8	5407924.2
L4730.1	504728.8	5407925.8	5237.39990	264.58	130	48.824295	-86.935574	56093.61	56247.2	2.85	56096.45	56093.21875	56093.29948	56090.58203	504728.8	5407925.8
L4730.1	504728.9	5407927.6	5237.50000	269.41	130	48.824311	-86.935574	56093.58	56247.1	2.85	56096.43	56093.19531	56093.16827	56090.44141	504728.9	5407927.6
L4730.1	504728.9	5407929.1	5237.60010	271.83	130	48.824325	-86.935573	56093.06	56247.1	2.86	56095.92	56092.68359	56093.04243	56090.30469	504728.9	5407929.1
L4730.1	504728.9	5407929.1	5237.70020	272.58	130	48.824325	-86.935573	56092.77	56247.1	2.87	56095.64	56092.40234	56092.90764	56090.15625	504728.9	5407929.1
L4730.1	504728.9	5407930.5	5237.79981	270.83	130	48.824337	-86.935573	56093.36	56247.1	2.88	56096.24	56093.00000	56092.78575	56090.02344	504728.9	5407930.5
L4730.1	504728.9	5407932.1	5237.89990	264.93	130	48.824352	-86.935572	56092.56	56247.1	2.89	56095.45	56092.20313	56092.63259	56089.85938	504728.9	5407932.1
L4730.1	504728.9	5407932.1	5238.00000	258.77	130	48.824352	-86.935572	56092.98	56247.1	2.90	56095.88	56092.63281	56092.51267	56089.72656	504728.9	5407932.1
L4730.1	504729.0	5407933.5	5238.10010	256.74	130	48.824364	-86.935572	56092.24	56247.1	2.91	56095.15	56091.89844	56092.33955	56089.54297	504729.0	5407933.5
L4730.1	504729.0	5407935.1	5238.20020	261.39	130	48.824379	-86.935572	56092.18	56247.1	2.91	56095.10	56091.84375	56092.19055	56089.38281	504729.0	5407935.1
L4730.1	504729.0	5407936.5	5238.29981	260.80	130	48.824391	-86.935572	56092.29	56247.1	2.92	56095.21	56091.94922	56092.04601	56089.22656	504729.0	5407936.5
L4730.1	504729.0	5407938.2	5238.39990	260.08	130	48.824406	-86.935572	56091.94	56247.1	2.93	56094.87	56091.60547	56091.86910	56089.03906	504729.0	5407938.2
L4730.1	504729.0	5407938.2	5238.50000	261.61	130	48.824406	-86.935572	56092.22	56247.1	2.93	56095.15	56091.88281	56091.72374	56088.87891	504729.0	5407938.2
L4730.1	504729.0	5407939.7	5238.60010	264.87	130	48.824420	-86.935571	56091.76	56247.1	2.94	56094.70	56091.42578	56091.52775	56088.67188	504729.0	5407939.7
L4730.1	504729.0	5407941.0	5238.70020	265.33	130	48.824431	-86.935571	56091.16	56247.1	2.95	56094.11	56090.83203	56091.31901	56088.44922	504729.0	5407941.0
L4730.1	504729.0	5407942.1	5238.79981	263.99	130	48.824442	-86.935571	56091.13	56247	2.96	56094.08	56090.79688	56091.13764	56088.25781	504729.0	5407942.1
L4730.1	504729.0	5407942.1	5238.89990	263.17	130	48.824442	-86.935571	56091.76	56247	2.96	56094.72	56091.42969	56090.98069	56088.08594	504729.0	5407942.1
L4730.1	504729.0	5407943.5	5239.00000	264.92	130	48.824454	-86.935571	56090.34	56247	2.97	56093.31	56090.01563	56090.72730	56087.82031	504729.0	5407943.5
L4730.1	504729.0	5407945.2	5239.10010	265.02	130	48.824469	-86.935571	56090.21	56247	2.98	56093.20	56089.89844	56090.52871	56087.60938	504729.0	5407945.2
L4730.1	504729.0	5407946.8	5239.20020	264.00	130	48.824484	-86.935571	56089.79	56247	2.99	56092.78	56089.47266	56090.31908	56087.38672	504729.0	5407946.8
L4730.1	504729.0	5407946.8	5239.29981	261.61	130	48.824484	-86.935571	56090.21	56247	3.00	56093.21	56089.89844	56090.11847	56087.17578	504729.0	5407946.8
L4730.1	504729.0	5407948.2	5239.29981	261.61	130	48.824497	-86.935571	56090.32	56247	3.00	56093.32	56090.00000	56089.90210	56086.94531	504729.0	5407948.2
L4730.1	504729.0	5407949.8	5239.39990	258.81	130	48.824511	-86.935571	56089.16	56247	3.01	56092.17	56088.84375	56089.69771	56086.73047	504729.0	5407949.8
L4730.1	504729.0	5407951.4	5239.60010	254.50	130	48.824525	-86.935571	56089.50	56247	3.03	56092.53	56089.19531	56089.47291	56086.49219	504729.0	5407951.4
L4730.1	504729.0	5407952.4	5239.70020	258.35	130	48.824534	-86.935571	56089.00	56247	3.04	56092.04	56088.69922	56089.27046	56086.27734	504729.0	5407952.4
L4730.1	504729.0	5407952.4	5239.79981	251.89	130	48.824534	-86.935571	56089.69	56246.9	3.05	56092.74	56089.39063	56089.01346	56086.00391	504729.0	5407952.4
L4730.1	504729.0	5407953.6	5239.89990	251.99	130	48.824545	-86.935571	56088.45	56246.9	3.06	56091.50	56088.14453	56088.86412	56085.84375	504729.0	5407953.6
L4730.1	504729.0	5407955.5	5240.00000	263.50	130	48.824562	-86.935571	56088.39	56246.9	3.07	56091.46	56088.09375	56088.66818	56085.63281	504729.0	5407955.5
L4730.1	504729.0	5407956.6	5240.10010	249.22	130	48.824573	-86.935571	56088.47	56246.9	3.08	56091.55	56088.17578	56088.46978	56085.42188	504729.0	5407956.6
L4730.1	504729.0	5407958.3	5240.20020	246.12	130	48.824588	-86.935571	56088.02	56246.9	3.09	56091.10	56087.71875	56088.30693	56085.24609	504729.0	5407958.3
L4730.1	504729.0	5407958.3	5240.29981	254.94	130	48.824588	-86.935571	56087.86	56246.9	3.10	56090.96	56087.57031	56088.12298	56085.05078	504729.0	5407958.3
L4730.1	504729.0	5407959.9	5240.39990	253.28	130	48.824602	-86.935572	56088.15	56246.9	3.11	56091.25	56087.85156	56087.90991	56084.82422	504729.0	5407959.9
L4730.1	504729.0	5407959.9	5240.50000	252.82	130	48.824602	-86.935572	56087.33	56246.9	3.12	56090.45	56087.03906	56087.76907	56084.67188	504729.0	5407959.9
L4730.1	504728.9	5407962.9	5240.60010	251.39	130	48.824629	-86.935572	56086.96	56246.9	3.12	56090.08	56086.66016	56087.59912	56084.48828	504728.9	5407962.9
L4730.1	504728.9	5407963.8	5240.70020	250.24	130	48.824637	-86.935573	56086.59	56246.9	3.13	56089.73	56086.30078	56087.42741	56084.30078	504728.9	5407963.8
L4730.1	504728.9	5407965.1	5240.79981	248.72	130	48.824649	-86.935573	56086.38	56246.9	3.14	56089.52	56086.07813	56087.24593	56084.10938	504728.9	5407965.1

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4730.1	504728.9	5407965.1	5240.89990	249.10	130	48.824649	-86.935573	56086.30	56246.8	3.15	56089.45	56086.00000	56087.05470	56083.90234	504728.9	5407965.1
L4730.1	504728.9	5407966.4	5241.00000	252.71	130	48.824661	-86.935573	56086.07	56246.8	3.16	56089.23	56085.76563	56086.87305	56083.70703	504728.9	5407966.4
L4730.1	504728.8	5407967.9	5241.10010	257.75	130	48.824673	-86.935573	56086.38	56246.8	3.17	56089.54	56086.06641	56086.65566	56083.47656	504728.8	5407967.9
L4730.1	504728.8	5407969.3	5241.20020	261.56	130	48.824686	-86.935574	56085.43	56246.8	3.18	56088.61	56085.12500	56086.52052	56083.32813	504728.8	5407969.3
L4730.1	504728.8	5407970.8	5241.29981	263.99	130	48.824700	-86.935574	56085.38	56246.8	3.18	56088.57	56085.07031	56086.32566	56083.12109	504728.8	5407970.8
L4730.1	504728.7	5407972.2	5241.39990	261.06	130	48.824712	-86.935575	56085.48	56246.8	3.19	56088.68	56085.16797	56086.12040	56082.90234	504728.7	5407972.2
L4730.1	504728.7	5407972.2	5241.50000	260.80	130	48.824712	-86.935575	56085.08	56246.8	3.20	56088.28	56084.75391	56085.94876	56082.71875	504728.7	5407972.2
L4730.1	504728.7	5407973.8	5241.60010	260.33	130	48.824727	-86.935575	56084.43	56246.8	3.21	56087.63	56084.09375	56085.79341	56082.55078	504728.7	5407973.8
L4730.1	504728.7	5407975.1	5241.70020	259.27	130	48.824739	-86.935575	56084.29	56246.8	3.22	56087.51	56083.96094	56085.60235	56082.34766	504728.7	5407975.1
L4730.1	504728.7	5407976.1	5241.79981	258.57	130	48.824747	-86.935576	56084.86	56246.8	3.22	56088.08	56084.51563	56085.36494	56082.09766	504728.7	5407976.1
L4730.1	504728.6	5407977.3	5241.89990	248.17	130	48.824759	-86.935576	56083.19	56246.8	3.23	56086.42	56082.83984	56085.27583	56081.99219	504728.6	5407977.3
L4730.1	504728.6	5407978.9	5242.00000	248.24	130	48.824773	-86.935576	56083.84	56246.8	3.24	56087.08	56083.48438	56085.03170	56081.73828	504728.6	5407978.9
L4730.1	504728.6	5407980.3	5242.10010	250.86	130	48.824786	-86.935577	56082.68	56246.8	3.24	56085.92	56082.31250	56084.90857	56081.60156	504728.6	5407980.3
L4730.1	504728.6	5407980.3	5242.20020	251.15	130	48.824786	-86.935577	56083.54	56246.8	3.25	56086.79	56083.16406	56084.64976	56081.32813	504728.6	5407980.3
L4730.1	504728.6	5407982.0	5242.29981	251.29	130	48.824800	-86.935577	56082.25	56246.7	3.25	56085.50	56081.85938	56084.53461	56081.19922	504728.6	5407982.0
L4730.1	504728.5	5407983.4	5242.39990	252.14	130	48.824813	-86.935577	56082.68	56246.7	3.26	56085.94	56082.28516	56084.30380	56080.95703	504728.5	5407983.4
L4730.1	504728.5	5407984.8	5242.50000	254.95	130	48.824826	-86.935578	56082.15	56246.7	3.26	56085.41	56081.73828	56084.13733	56080.77734	504728.5	5407984.8
L4730.1	504728.5	5407984.8	5242.60010	252.88	130	48.824826	-86.935578	56081.42	56246.7	3.27	56084.69	56081.00000	56083.98319	56080.60938	504728.5	5407984.8
L4730.1	504728.5	5407986.4	5242.70020	253.64	130	48.824840	-86.935578	56081.92	56246.7	3.28	56085.19	56081.48438	56083.74740	56080.36328	504728.5	5407986.4
L4730.1	504728.5	5407986.4	5242.79981	250.30	130	48.824840	-86.935578	56081.32	56246.7	3.28	56084.60	56080.87500	56083.58395	56080.18750	504728.5	5407986.4
L4730.1	504728.5	5407989.7	5242.89990	248.48	130	48.824870	-86.935578	56081.87	56246.7	3.29	56085.15	56081.40625	56083.34417	56079.93359	504728.5	5407989.7
L4730.1	504728.5	5407991.4	5243.00000	243.82	130	48.824885	-86.935578	56080.61	56246.7	3.29	56083.90	56080.14063	56083.22407	56079.80078	504728.5	5407991.4
L4730.1	504728.5	5407991.4	5243.10010	245.44	130	48.824885	-86.935578	56081.16	56246.7	3.30	56084.46	56080.67969	56082.98297	56079.54688	504728.5	5407991.4
L4730.1	504728.5	5407992.8	5243.20020	245.24	130	48.824898	-86.935578	56080.28	56246.7	3.31	56083.58	56079.78125	56082.83753	56079.38672	504728.5	5407992.8
L4730.1	504728.5	5407994.5	5243.29981	243.71	130	48.824913	-86.935578	56080.20	56246.7	3.32	56083.52	56079.70313	56082.63710	56079.17578	504728.5	5407994.5
L4730.1	504728.5	5407994.5	5243.39990	242.36	130	48.824913	-86.935578	56081.12	56246.7	3.33	56084.44	56080.60156	56082.37099	56078.89453	504728.5	5407994.5
L4730.1	504728.5	5407996.1	5243.50000	246.32	130	48.824928	-86.935578	56079.92	56246.7	3.33	56083.26	56079.40234	56082.24453	56078.75781	504728.5	5407996.1
L4730.1	504728.5	5407997.8	5243.60010	245.58	130	48.824942	-86.935578	56079.85	56246.7	3.34	56083.19	56079.31250	56082.04373	56078.54297	504728.5	5407997.8
L4730.1	504728.5	5407997.8	5243.70020	248.58	130	48.824942	-86.935578	56079.82	56246.6	3.35	56083.17	56079.26953	56081.83924	56078.32422	504728.5	5407997.8
L4730.1	504728.5	5407999.2	5243.79981	250.05	130	48.824955	-86.935578	56079.92	56246.6	3.36	56083.28	56079.35938	56081.62572	56078.09766	504728.5	5407999.2
L4730.1	504728.4	5408000.6	5243.89990	251.19	130	48.824968	-86.935578	56078.84	56246.6	3.37	56082.21	56078.26563	56081.49050	56077.94922	504728.4	5408000.6
L4730.1	504728.4	5408002.5	5244.00000	251.79	130	48.824985	-86.935578	56078.61	56246.6	3.38	56081.99	56078.02344	56081.29824	56077.74609	504728.4	5408002.5
L4730.1	504728.4	5408002.5	5244.10010	250.29	130	48.824985	-86.935578	56078.74	56246.6	3.38	56082.12	56078.13281	56081.08228	56077.51563	504728.4	5408002.5
L4730.1	504728.4	5408004.0	5244.20020	251.65	130	48.824999	-86.935578	56078.61	56246.6	3.39	56081.99	56077.98047	56080.88326	56077.30469	504728.4	5408004.0
L4730.1	504728.4	5408005.5	5244.29981	249.42	130	48.825012	-86.935579	56078.41	56246.6	3.39	56081.80	56077.76563	56080.68786	56077.09375	504728.4	5408005.5
L4730.1	504728.4	5408006.8	5244.39990	246.60	130	48.825024	-86.935579	56078.12	56246.6	3.39	56081.51	56077.45313	56080.49873	56076.89453	504728.4	5408006.8
L4730.1	504728.4	5408006.8	5244.50000	246.77	130	48.825024	-86.935579	56077.77	56246.6	3.40	56081.17	56077.08594	56080.31254	56076.69531	504728.4	5408006.8
L4730.1	504728.4	5408008.5	5244.60010	246.64	130	48.825039	-86.935579	56077.14	56246.6	3.40	56080.54	56076.43359	56080.14528	56076.51172	504728.4	5408008.5
L4730.1	504728.4	5408010.0	5244.70020	242.66	130	48.825053	-86.935579	56077.42	56246.6	3.40	56080.82	56076.68750	56079.91694	56076.26953	504728.4	5408010.0
L4730.1	504728.4	5408011.6	5244.79981	243.46	130	48.825067	-86.935579	56076.91	56246.6	3.40	56080.31	56076.15234	56079.74086	56076.08203	504728.4	5408011.6
L4730.1	504728.4	5408011.6	5244.89990	243.47	130	48.825067	-86.935579	56076.81	56246.6	3.41	56080.22	56076.03906	56079.53635	56075.86328	504728.4	5408011.6
L4730.1	504728.4	5408012.8	5245.00000	245.41	130	48.825077	-86.935579	56076.11	56246.6	3.41	56079.52	56075.31250	56079.37210	56075.68750	504728.4	5408012.8
L4730.1	504728.4	5408014.0	5245.10010	246.90	130	48.825089	-86.935579	56076.13	56246.6	3.42	56079.55	56075.31641	56079.15875	56075.45703	504728.4	5408014.0
L4730.1	504728.4	5408015.7	5245.20020	248.93	130	48.825104	-86.935579	56075.85	56246.6	3.43	56079.28	56075.01953	56078.96497	56075.25000	504728.4	5408015.7
L4730.1	504728.4	5408015.7	5245.29981	249.48	130	48.825104	-86.935579	56075.68	56246.6	3.44	56079.12	56074.83203	56078.76342	56075.03516	504728.4	5408015.7
L4730.1	504728.4	5408018.3	5245.39990	248.85	130	48.825127	-86.935579	56075.62	56246.5	3.45	56079.07	56074.75391	56078.55410	56074.81250	504728.4	5408018.3
L4730.1	504728.4	5408018.3	5245.50000	247.83	130	48.825127	-86.935579	56074.82	56246.5	3.46	56078.28	56073.93750	56078.39367	56074.64063	504728.4	5408018.3
L4730.1	504728.4	5408019.8	5245.60010	247.86	130	48.825141	-86.935579	56075.02	56246.5	3.47	56078.49	56074.12109	56078.16613	56074.39844	504728.4	5408019.8
L4730.1	504728.4	5408021.3	5245.70020	245.82	130	48.825154	-86.935579	56074.66	56246.5	3.48	56078.14	56073.74219	56077.97547	56074.19141	504728.4	5408021.3
L4730.1	504728.4	5408022.8	5245.79981	245.37	130	48.825167	-86.935579	56074.91	56246.5	3.49	56078.40	56073.97266	56077.74369	56073.94531	504728.4	5408022.8
L4730.1	504728.4	5408023.8	5245.89990	244.87	130	48.825177	-86.935579	56073.95	56246.5	3.50	56077.45	56072.99609	56077.59212	56073.78125	504728.4	5408023.8
L4730.1	504728.4	5408025.6	5246.00000	255.74	130	48.825193	-86.935579	56074.28	56246.5	3.51	56077.79	56073.30859	56077.35410	56073.52734	504728.4	5408025.6
L4730.1	504728.4	5408025.6	5246.10010	255.08	130	48.825193	-86.935579	56073.32	56246.5	3.51	56076.83	56072.31641	56077.20228	56073.36328	504728.4	5408025.6
L4730.1	504728.4	5408026.9	5246.20020	255.57	130	48.825205	-86.935579	56073.56	56246.5	3.51	56077.07	56072.52734	56076.96999	56073.11719	504728.4	5408026.9
L4730.1	504728.4	5408028.6	5246.29981	256.11	130	48.825220	-86.935579	56072.89	56246.5	3.51	56076.40	56071.82813	56076.79791	56072.92969	504728.4	5408028.6
L4730.1	504728.4	5408028.6	5246.39990	258.72	130	48.825220	-86.935579	56073.12	56246.5	3.51	56076.63	56072.03125	56076.56535	56072.68359	504728.4	5408028.6
L4730.1	504728.4	5408030.0	5246.50000	258.84	130	48.825233	-86.935579	56073.82	56246.5	3.51	56077.33	56072.69922	56076.30926	56072.41406	504728.4	5408030.0
L4730.1	504728.4	5408031.7	5246.60010	260.68	130	48.825248	-86.935579	56072.34	56246.5	3.51	56075.85	56071.19141	56076.17470	56072.26172	504728.4	5408031.7
L4730.1	504728.4	5408033.3	5246.70020	262.60	130	48.825262	-86.935579	56071.63	56246.5	3.51	56075.14	56070.44922	56075.98337	56072.05859	504728.4	5408033.3
L4730.1	504728.4	5408034.6	5246.79981	262.34	130	48.825274	-86.935579	56071.98	56246.5	3.51	56075.49	56070.76953	56075.75686	56071.81641	504728.4	5408034.6
L4730.1	504728.4	5408034.6	5246.89990	263.10	130	48.825274	-86.935579	56071.55	56246.5	3.51	56075.06	56070.30859	56075.55333	56071.59766	504728.4	5408034.6
L4730.1	504728.3	5408036.1	5247.00000	265.04	130	48.825287	-86.935579	56071.50	56246.5	3.51	56075.01	56070.22656	56075.34261	56071.37109	504728.3	5408036.1
L4730.1	504728.3	5408037.9	5247.10010	268.30	130	48.825303	-86.935580	56070.48	56246.5	3.51	56073.99	56069.17969	56075.14360	56071.16016	504728.3	5408037.9
L4730.1	504728.3	5408037.9	5247.20020	270.49	130	48.825303	-86.935580	56070.85	56246.5	3.52	56074.36	56069.51563	56074.92956	56070.92969	504728.3	5408037.9
L4730.1	504728.3	5408039.4	5247.29981	264.90	130	48.825317	-86.935580	56070.86	56246.5	3.52	56074.38	56069.50781	56074.71980	56070.70703	504728.3	5408039.4
L4730.1	504728.3	5408040.8	5247.39990	261.23	130	48.825330	-86.935580	56070.89	56246.5	3.52	56074.41	56069.50391	56074.50947	56070.48047	504728.3	5408040.8
L4730.1	504728.3	5408042.3	5247.50000	251.99	130	48.825343	-86.935580	56070.43	56246.5	3.53	56073.96	56069.02344	56074.30431	56070.26172	504728.3	5408042.3
L4730.1	504728.3	5408044.4	5247.60010	248.88	130	48.825362	-86.935580	56068.94	56246.5	3.53	56072.47	56067.50391	56074.11638	56070.05859	504728.3	5408044.4
L4730.1	504728.3	5408044.4	5247.70020	253.94	130	48.825362	-86.935580	56068.87	56246.5	3.53	56072.40	56067.40234	56073.90841	56069.83594	504728.3	5408044.4
L4730.1	504728.3	5408046.1	5247.79981	252.60	130	48.825377	-86.935580	56069.35	56246.5	3.53	56072.89	56067.86328	56073.68729	56069.59766	504728.3	5408046.1
L4730.1	504728.3	5408046.1	5247.89990	252.60	130	48.825377	-86.935580	56069.30	56246.5	3.54	56072.84	56067.78125	56073.47443	56069.37109	504728.3	5408046.1
L4730.1	504728.3	5408047.7	5248.00000	254.15	130	48.825392	-86.935580	56068.68	56246.5	3.54	56072.22	56067.12891	56073.27259	56069.15234	504728.3	5408047.7
L4730.1	504728.3	5408048.9	5248.10010	255.58	130	48.825403	-86.935579	56068.46	56246.5	3.54	56072.00	56066.87891	56073.05998	56068.92578	504728.3	5408048.9
L4730.1	504728.3	5408050.5	5248.20020	256.01	130	48.825417	-86.935579	56068.08	56246.5	3.54	56071.62	56066.46875	56072.84784	56068.69922	504728.3	5408050.5
L4730.1	504728.4	5408051.8	5248.29981	256.08	130	48.825429	-86.935579	56067.78	56246.5	3.54	56071.32	56066.13672	56072.63051	56068.46875	504728.4	5408051.8
L4730.1	504728.4	5408053.1	5248.39990	257.86	130	48.825440	-86.935579	56068.84	56246.5	3.54	56072.38	56067.16797	56072.40224	56068.22266	504728.4	5408053.1
L4730.1	504728.4	5408054.4	5248.50000	255.30	130	48.825452	-86.935579	56066.99	56246.5	3.54	56070.53	56065.28906	56072.18174	56067.98828	504728.4	5408054.4
L4730.1	504728.4	5408054.4	5248.60010	253.23	130	48.825452	-86.935579	56066.49	56246.5	3.54	56070.03	56064.75781	56071.94541	56067.73828	504728.4	5408054.4
L4730.1	504728.4	5408055.8	5248.70020	254.20	130	48.825465	-86.935579	56066.90	56246.5	3.54	56070.44	56065.13672	56071.72449	56067.50000	504728.4	5408055.8
L4730.1	504728.4	5408057.9	5248.79981	255.60	130	48.825483	-86.935578	56066.04	56246.5	3.54	56069.58	56064.25000	56071.46523	56067.22656	504728.4	5408057.9
L4730.1	504728.4	5408058.9	5248.89990	244.79	130	48.825493	-86.935578	56066.48	56246.5	3.54	56070.02	56064.66016	56071.25903	56067.00781	504728.4	5408058.9
L4730.1	504728.4	5408058.9	5249.00000	251.53	130	48.825493	-86.935578	56066.04	56246.5	3.54	56069.58	56064.19141	56071.00967	56066.74219	504728.4	5408058.9
L4730.1	504728.5	5408061.5	5249.10010	264.37	130	48.825516	-86.935578	56065.61	56246.5	3.54	56069.15	56063.73047	56070.75541	56066.47266	504728.5	5408061.5
L4730.1	504728.5	5408061.5	5249.20020	265.68	130	48.825516	-86.935578	56065.06	56246.5	3.54	56068.60	56063.15234	56070.48551	56066.18750	504728.5	5408061.5
L4730.1	504728.5	5408063.2	5249.29981	266.62	130	48.825531	-86.935577	56065.00	56246.5	3.55	56068.54	56063.06250	56070.26228	56065.94922	504728.5	5408063.2
L4730.1	504728.5	5408064.7	5249.39990	268.34	130	48.825545	-86.935577	56065.13	56246.5	3.55	56068.67	56063.16406	56070.06702	56065.74219	504728.5	5408064.7
L4730.1	504728.5	5408064.7	5249.50000	269.05	130	48.825545	-86.935577	56064.32	56246.4	3.55	56067.87	56062.33984	56069.76537	56065.42578	504728.5	5408064.7
L4730.1	504728.5	5408066.1	5249.60010	271.58	130	48.825557	-86.935576	56064.82	56246.4	3.55	56068.37	56062.81250	56069.62829	56065.27344	504728.5	5408066.1
L4730.1	504728.6	5408067.6	5249.70020	269.60	130	48.825571	-86.935576	56064.08	56246.4	3.55	56067.64	56062.05469	56069.33807	56064.96875	504728.6	5408067.6
L4730.1	504728.6	5408068.4	5249.79981	269.97	130	48.825577	-86.935576	56062.92	56246.4	3.56	56066.48	56060.86719	56068.99388	56064.60938	504728.6	5408068.4
L4730.1	504728.6	5408069.8	5249.89990	270.16	130	48.825591	-86.935575	56062.80	56246.4	3.56	56066.35	56060.71094	56068.79260	56064.39453	504728.6	5408069.8
L4730.1	504728.6	5408071.4	5250.00000	269.38	130	48.825605	-86.935575	56063.23	56246.4	3.56	56066.79	56061.12500	56068.66901	56064.25781	504728.6	5408071.4
L4730.1	504728.7	5408072.6	5250.10010	267.31	130	48.825615	-86.935575	56063.13	56246.4	3.56	56066.69	56061.00000	56068.47893	56064.05469	504728.7	5408072.6

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4730.1	504728.7	5408072.6	5250.20020	264.32	130	48.825615	-86.935575	56062.59	56246.4	3.56	56066.16	56060.44531	56068.24515	56063.80859	504728.7	5408072.6
L4730.1	504728.7	5408074.1	5250.29981	263.59	130	48.825629	-86.935574	56062.04	56246.4	3.57	56065.61	56059.87109	56068.02064	56063.57031	504728.7	5408074.1
L4730.1	504728.7	5408075.5	5250.39990	262.89	130	48.825642	-86.935574	56061.84	56246.4	3.57	56065.40	56059.64063	56067.83627	56063.37109	504728.7	5408075.5
L4730.1	504728.7	5408076.8	5250.50000	261.82	130	48.825654	-86.935574	56061.45	56246.4	3.57	56065.02	56059.23438	56067.64252	56063.16406	504728.7	5408076.8
L4730.1	504728.7	5408076.8	5250.60010	261.15	130	48.825654	-86.935574	56061.38	56246.4	3.57	56064.96	56059.15234	56067.47098	56062.98047	504728.7	5408076.8
L4730.1	504728.8	5408078.6	5250.70020	260.20	130	48.825669	-86.935573	56061.26	56246.4	3.57	56064.83	56059.00000	56067.29115	56062.78906	504728.8	5408078.6
L4730.1	504728.8	5408079.9	5250.79981	258.65	130	48.825681	-86.935573	56061.18	56246.4	3.58	56064.75	56058.89844	56067.10734	56062.58984	504728.8	5408079.9
L4730.1	504728.8	5408081.6	5250.89990	259.44	130	48.825696	-86.935572	56060.57	56246.4	3.58	56064.15	56058.28125	56066.91067	56062.38281	504728.8	5408081.6
L4730.1	504728.8	5408082.7	5251.00000	259.59	130	48.825707	-86.935572	56059.43	56246.4	3.58	56063.01	56057.12109	56066.71744	56062.17578	504728.8	5408082.7
L4730.1	504728.8	5408082.7	5251.10010	258.02	130	48.825707	-86.935572	56059.91	56246.4	3.58	56063.49	56057.58203	56066.51708	56061.96484	504728.8	5408082.7
L4730.1	504728.9	5408084.4	5251.20020	257.80	130	48.825722	-86.935572	56059.23	56246.4	3.58	56062.81	56056.88281	56066.31507	56061.75000	504728.9	5408084.4
L4730.1	504728.9	5408085.8	5251.29981	255.48	130	48.825734	-86.935571	56058.70	56246.4	3.58	56062.28	56056.33203	56066.10336	56061.52734	504728.9	5408085.8
L4730.1	504728.9	5408087.4	5251.39990	256.25	130	48.825749	-86.935571	56059.25	56246.4	3.58	56062.83	56056.86719	56065.86270	56061.27734	504728.9	5408087.4
L4730.1	504728.9	5408087.4	5251.50000	254.46	130	48.825749	-86.935571	56058.09	56246.4	3.58	56061.67	56055.68750	56065.63848	56061.03906	504728.9	5408087.4
L4730.1	504728.9	5408090.9	5251.60010	254.44	130	48.825780	-86.935571	56058.17	56246.4	3.58	56061.75	56055.75391	56065.38601	56060.77734	504728.9	5408090.9
L4730.1	504728.9	5408090.9	5251.70020	254.18	130	48.825780	-86.935571	56058.02	56246.4	3.58	56061.60	56055.58984	56065.12968	56060.51172	504728.9	5408090.9
L4730.1	504729.0	5408092.2	5251.79981	257.44	130	48.825792	-86.935570	56057.51	56246.4	3.58	56061.09	56055.06250	56064.86482	56060.23438	504729.0	5408092.2
L4730.1	504729.0	5408092.2	5251.89990	257.06	130	48.825792	-86.935570	56057.79	56246.4	3.58	56061.37	56055.32813	56064.60698	56059.96875	504729.0	5408092.2
L4730.1	504729.0	5408094.2	5252.00000	259.36	130	48.825810	-86.935570	56056.81	56246.4	3.58	56060.39	56054.33594	56064.31613	56059.66797	504729.0	5408094.2
L4730.1	504729.0	5408096.1	5252.10010	262.56	130	48.825827	-86.935570	56055.96	56246.4	3.58	56059.54	56053.47656	56064.01246	56059.35547	504729.0	5408096.1
L4730.1	504729.0	5408096.1	5252.20020	264.47	130	48.825827	-86.935570	56056.53	56246.4	3.58	56060.11	56054.03516	56063.77517	56059.10547	504729.0	5408096.1
L4730.1	504729.0	5408097.5	5252.29981	264.18	130	48.825840	-86.935570	56056.12	56246.4	3.58	56059.70	56053.61328	56063.49178	56058.81641	504729.0	5408097.5
L4730.1	504729.0	5408098.9	5252.39990	265.67	130	48.825853	-86.935569	56055.21	56246.4	3.58	56058.80	56052.70313	56063.17055	56058.48438	504729.0	5408098.9
L4730.1	504729.1	5408100.6	5252.50000	267.58	130	48.825868	-86.935569	56055.34	56246.4	3.58	56058.92	56052.81250	56062.93121	56058.23828	504729.1	5408100.6
L4730.1	504729.1	5408100.6	5252.60010	269.20	130	48.825868	-86.935569	56054.78	56246.4	3.59	56058.36	56052.24609	56062.64208	56057.94141	504729.1	5408100.6
L4730.1	504729.1	5408102.5	5252.70020	269.17	130	48.825885	-86.935569	56054.12	56246.4	3.59	56057.71	56051.58984	56062.35082	56057.64453	504729.1	5408102.5
L4730.1	504729.1	5408104.2	5252.79981	268.93	130	48.825900	-86.935568	56054.48	56246.4	3.59	56058.06	56051.93359	56062.16794	56057.45313	504729.1	5408104.2
L4730.1	504729.1	5408104.2	5252.89990	268.62	130	48.825900	-86.935568	56054.04	56246.4	3.59	56057.63	56051.49609	56061.92004	56057.19922	504729.1	5408104.2
L4730.1	504729.1	5408106.1	5253.00000	268.47	130	48.825917	-86.935568	56052.93	56246.4	3.59	56056.52	56050.38281	56061.61872	56056.89063	504729.1	5408106.1
L4730.1	504729.1	5408107.5	5253.10010	266.83	130	48.825930	-86.935568	56052.17	56246.4	3.59	56055.76	56049.61719	56061.36930	56056.63672	504729.1	5408107.5
L4730.1	504729.1	5408109.0	5253.20020	264.83	130	48.825943	-86.935568	56052.50	56246.4	3.59	56056.09	56049.94531	56061.23141	56056.49219	504729.1	5408109.0
L4730.1	504729.1	5408109.0	5253.29981	262.95	130	48.825943	-86.935568	56052.73	56246.4	3.59	56056.32	56050.17188	56061.08674	56056.34375	504729.1	5408109.0
L4730.1	504729.1	5408110.6	5253.39990	259.39	130	48.825958	-86.935568	56051.59	56246.4	3.59	56055.18	56049.03125	56060.85105	56056.10156	504729.1	5408110.6
L4730.1	504729.1	5408112.2	5253.50000	259.91	130	48.825972	-86.935568	56051.96	56246.4	3.58	56055.55	56049.40234	56060.72191	56055.96875	504729.1	5408112.2
L4730.1	504729.1	5408112.2	5253.60010	257.17	130	48.825972	-86.935568	56051.39	56246.4	3.58	56054.97	56048.82422	56060.54145	56055.78516	504729.1	5408112.2
L4730.1	504729.1	5408113.8	5253.70020	256.63	130	48.825986	-86.935568	56050.38	56246.4	3.58	56053.96	56047.81641	56060.35586	56055.59375	504729.1	5408113.8
L4730.1	504729.1	5408115.6	5253.79981	257.45	130	48.826003	-86.935568	56049.89	56246.4	3.58	56053.48	56047.33594	56060.19625	56055.43359	504729.1	5408115.6
L4730.1	504729.1	5408116.7	5253.89990	260.01	130	48.826012	-86.935568	56049.72	56246.4	3.58	56053.30	56047.16016	56060.04080	56055.27344	504729.1	5408116.7
L4730.1	504729.1	5408116.7	5254.00000	257.85	130	48.826012	-86.935568	56048.66	56246.4	3.58	56052.24	56046.10547	56059.88015	56055.10938	504729.1	5408116.7
L4730.1	504729.1	5408118.4	5254.10010	254.49	130	48.826027	-86.935568	56048.94	56246.4	3.58	56052.52	56046.39063	56059.71635	56054.94531	504729.1	5408118.4
L4730.1	504729.1	5408120.1	5254.20020	254.43	130	48.826043	-86.935568	56049.21	56246.4	3.58	56052.79	56046.66406	56059.53753	56054.76563	504729.1	5408120.1
L4730.1	504729.1	5408121.4	5254.29981	253.02	130	48.826055	-86.935568	56048.86	56246.4	3.58	56052.44	56046.32422	56059.36071	56054.58594	504729.1	5408121.4
L4730.1	504729.1	5408122.9	5254.39990	254.54	130	48.826068	-86.935568	56047.78	56246.4	3.58	56051.36	56045.25000	56059.20245	56054.42969	504729.1	5408122.9
L4730.1	504729.1	5408122.9	5254.50000	256.00	130	48.826068	-86.935568	56047.36	56246.4	3.58	56050.95	56044.84766	56059.02531	56054.25000	504729.1	5408122.9
L4730.1	504729.1	5408124.5	5254.60010	256.65	130	48.826082	-86.935568	56047.60	56246.4	3.59	56051.18	56045.08984	56058.82024	56054.04688	504729.1	5408124.5
L4730.1	504729.1	5408124.5	5254.70020	258.00	130	48.826082	-86.935568	56046.18	56246.4	3.59	56049.76	56043.67969	56058.68321	56053.91016	504729.1	5408124.5
L4730.1	504729.1	5408127.5	5254.79981	260.15	130	48.826109	-86.935569	56045.65	56246.4	3.59	56049.24	56043.16797	56058.51306	56053.74219	504729.1	5408127.5
L4730.1	504729.1	5408127.5	5254.89990	262.85	130	48.826109	-86.935569	56045.55	56246.4	3.59	56049.14	56043.08203	56058.32572	56053.55469	504729.1	5408127.5
L4730.1	504729.1	5408129.0	5255.00000	263.13	130	48.826123	-86.935569	56045.14	56246.4	3.59	56048.73	56042.68359	56058.15953	56053.39063	504729.1	5408129.0
L4730.1	504729.0	5408130.6	5255.10010	262.31	130	48.826138	-86.935569	56044.89	56246.4	3.59	56048.48	56042.44922	56057.99141	56053.22656	504729.0	5408130.6
L4730.1	504729.0	5408130.6	5255.20020	262.06	130	48.826138	-86.935569	56044.61	56246.4	3.59	56048.20	56042.18359	56057.80571	56053.04297	504729.0	5408130.6
L4730.1	504729.0	5408132.6	5255.29981	260.27	130	48.826155	-86.935569	56044.23	56246.4	3.59	56047.82	56041.81641	56057.60081	56052.84375	504729.0	5408132.6
L4730.1	504729.0	5408134.3	5255.39990	258.80	130	48.826170	-86.935569	56043.85	56246.4	3.59	56047.44	56041.45313	56057.39743	56052.64453	504729.0	5408134.3
L4730.1	504729.0	5408134.3	5255.50000	256.82	130	48.826170	-86.935569	56043.86	56246.4	3.59	56047.45	56041.48047	56057.16964	56052.42188	504729.0	5408134.3
L4730.1	504729.0	5408136.2	5255.60010	258.27	130	48.826188	-86.935569	56041.80	56246.4	3.59	56045.39	56039.43750	56057.08155	56052.33594	504729.0	5408136.2
L4730.1	504729.0	5408137.6	5255.70020	258.19	130	48.826201	-86.935569	56042.36	56246.4	3.59	56045.95	56040.01563	56056.82058	56052.08203	504729.0	5408137.6
L4730.1	504729.0	5408139.1	5255.79981	256.09	130	48.826214	-86.935569	56041.77	56246.4	3.59	56045.36	56039.44531	56056.63817	56051.90625	504729.0	5408139.1
L4730.1	504729.0	5408140.5	5255.89990	254.74	130	48.826227	-86.935569	56041.70	56246.4	3.59	56045.29	56039.39844	56056.42308	56051.69531	504729.0	5408140.5
L4730.1	504729.0	5408140.5	5256.00000	267.45	130	48.826227	-86.935569	56040.48	56246.4	3.59	56044.07	56038.19922	56056.28676	56051.56641	504729.0	5408140.5
L4730.1	504729.1	5408142.3	5256.10010	268.89	130	48.826243	-86.935569	56040.36	56246.4	3.59	56043.95	56038.09766	56056.07931	56051.36719	504729.1	5408142.3
L4730.1	504729.1	5408143.8	5256.20020	250.65	130	48.826256	-86.935568	56039.55	56246.4	3.59	56043.14	56037.31250	56055.92016	56051.21484	504729.1	5408143.8
L4730.1	504729.1	5408143.8	5256.29981	248.41	130	48.826256	-86.935568	56039.28	56246.4	3.60	56042.87	56037.06250	56055.72744	56051.03125	504729.1	5408143.8
L4730.1	504729.1	5408145.3	5256.39990	245.44	130	48.826270	-86.935568	56039.25	56246.4	3.60	56042.84	56037.05859	56055.52124	56050.83594	504729.1	5408145.3
L4730.1	504729.1	5408146.8	5256.50000	244.46	130	48.826283	-86.935568	56038.38	56246.4	3.60	56041.98	56036.22266	56055.37302	56050.69531	504729.1	5408146.8
L4730.1	504729.1	5408148.4	5256.60010	246.33	130	48.826298	-86.935568	56038.04	56246.4	3.60	56041.64	56035.90625	56055.19289	56050.52734	504729.1	5408148.4
L4730.1	504729.1	5408148.4	5256.70020	248.76	130	48.826298	-86.935568	56036.89	56246.4	3.60	56040.50	56034.79297	56055.06896	56050.41406	504729.1	5408148.4
L4730.1	504729.1	5408151.7	5256.79981	249.80	130	48.826327	-86.935567	56037.05	56246.4	3.61	56040.65	56034.96875	56054.86202	56050.21484	504729.1	5408151.7
L4730.1	504729.1	5408151.7	5256.89990	250.50	130	48.826327	-86.935567	56036.62	56246.4	3.61	56040.23	56034.57813	56054.69619	56050.06250	504729.1	5408151.7
L4730.1	504729.2	5408153.2	5257.00000	250.21	130	48.826341	-86.935567	56036.24	56246.4	3.61	56039.85	56034.22266	56054.53092	56049.90625	504729.2	5408153.2
L4730.1	504729.2	5408154.6	5257.10010	248.97	130	48.826353	-86.935567	56036.57	56246.4	3.61	56040.18	56034.58203	56054.32166	56049.71094	504729.2	5408154.6
L4730.1	504729.2	5408154.6	5257.20020	251.14	130	48.826353	-86.935567	56035.33	56246.4	3.62	56038.94	56033.37109	56054.22054	56049.62109	504729.2	5408154.6
L4730.1	504729.2	5408156.4	5257.29981	250.76	130	48.826370	-86.935566	56035.18	56246.4	3.62	56038.79	56033.25000	56054.05035	56049.46484	504729.2	5408156.4
L4730.1	504729.2	5408157.8	5257.39990	254.31	130	48.826383	-86.935566	56034.88	56246.4	3.62	56038.50	56032.98828	56053.89322	56049.32031	504729.2	5408157.8
L4730.1	504729.2	5408159.4	5257.50000	254.71	130	48.826396	-86.935566	56033.66	56246.4	3.63	56037.29	56031.80859	56053.80127	56049.24609	504729.2	5408159.4
L4730.1	504729.2	5408159.4	5257.60010	257.64	130	48.826396	-86.935566	56033.48	56246.4	3.63	56037.11	56031.66016	56053.63330	56049.08984	504729.2	5408159.4
L4730.1	504729.2	5408160.7	5257.70020	258.50	130	48.826408	-86.935566	56033.81	56246.4	3.63	56037.44	56032.02344	56053.21716	56048.69141	504729.2	5408160.7
L4730.1	504729.2	5408162.3	5257.79981	261.40	130	48.826423	-86.935566	56032.77	56246.4	3.63	56036.40	56031.01563	56052.87654	56048.36328	504729.2	5408162.3
L4730.1	504729.3	5408164.0	5257.89990	262.22	130	48.826438	-86.935565	56032.85	56246.4	3.64	56036.49	56031.13672	56052.50186	56048.00391	504729.3	5408164.0
L4730.1	504729.3	5408164.0	5258.00000	261.99	130	48.826438	-86.935565	56032.39	56246.4	3.64	56036.03	56030.71094	56052.15607	56047.67578	504729.3	5408164.0
L4730.1	504729.3	5408166.0	5258.10010	262.91	130	48.826456	-86.935565	56031.93	56246.4	3.64	56035.58	56030.29297	56051.82154	56047.35938	504729.3	5408166.0
L4730.1	504729.2	5408167.3	5258.20020	264.78	130	48.826468	-86.935566	56031.79	56246.4	3.64	56035.43	56030.17578	56051.50310	56047.05469	504729.2	5408167.3
L4730.1	504729.2	5408168.7	5258.29981	264.10	130	48.826480	-86.935566	56030.95	56246.4	3.65	56034.60	56029.37891	56051.18370	56046.75391	504729.2	5408168.7
L4730.1	504729.2	5408168.7	5258.39990	263.59	130	48.826480	-86.935566	56030.70	56246.4	3.65	56034.35	56029.16406	56050.88592	56046.47656	504729.2	5408168.7
L4730.1	504729.2	5408170.1	5258.50000	262.57	130	48.826493	-86.935566	56030.77	56246.3	3.65	56034.42	56029.26953	56050.61305	56046.21875	504729.2	5408170.1
L4730.1	504729.2	5408171.5	5258.60010	257.19	130	48.826505	-86.935566	56029.51	56246.3	3.65	56033.16	56028.04297	56050.28105	56045.90625	504729.2	5408171.5
L4730.1	504729.2	5408171.5	5258.70020	255.63	130	48.826505	-86.935566	56028.93	56246.3	3.65	56032.58	56027.50000	56049.97912	56045.62500	504729.2	5408171.5
L4730.1	504729.2	5408173.1	5258.79981	262.90	130	48.826520	-86.935567	56029.13	56246.3	3.66	56032.79	56027.74609	56049.74107	56045.40625	504729.2	5408173.1
L4730.1	504729.1	5408174.5	5258.89990	261.94	130	48.826532	-86.935567	56028.60	56246.3	3.66	56032.26	56027.25000	56049.46758	56045.15234	504729.1	5408174.5
L4730.1	504729.1	5408175.8	5259.00000	262.30	130	48.826544	-86.935567	56028.90	56246.3	3.66	56032.56	56027.58594	56049.28005	56044.98438	504729.1	5408175.8
L4730.1	504729.1	5408177.3	5259.10010	260.03	130	48.826558	-86.935568	56028.02	56246.3	3.66	56031.68	56026.74219	56049.00950	56044.73438	504729.1	5408177.3
L4730.1	504729.1	5408177.3	5259.20020	259.21	130	48.826558	-86.935568	56027.44	56246.3	3.66	56031.10	56026.19922	56048.78190	56044.52734	504729.1	5408177.3
L4730.1	504729.0	5408178.7	5259.29981	259.66	130	48.826570	-86.935569	56026.22	56246.3	3.66	56029.89	56025.02734	56048.51016	56044.27734	504729.0	5408178.7
L4730.1	504729.0	5408180.4	5259.39990	258.99	130	48.826586	-86.935569	56026.72	56246.3	3.66	56030.39	56025.56250	56048.43648	56044.22266	504729.0	5408180.4

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4730.1	504728.9	5408181.8	5259.50000	262.40	130	48.826598	-86.935570	56026.78	56246.3	3.67	56030.44	56025.65234	56048.34403	56044.15234	504728.9	5408181.8
L4730.1	504728.9	5408183.5	5259.60010	265.03	130	48.826613	-86.935570	56025.92	56246.3	3.67	56029.58	56024.82813	56048.17981	56044.01172	504728.9	5408183.5
L4730.1	504728.9	5408183.5	5259.70020	265.14	130	48.826613	-86.935570	56025.54	56246.3	3.67	56029.21	56024.49609	56048.09564	56043.94922	504728.9	5408183.5
L4730.1	504728.9	5408185.0	5259.79981	265.60	130	48.826627	-86.935571	56025.16	56246.3	3.67	56028.83	56024.15234	56048.04155	56043.91797	504728.9	5408185.0
L4730.1	504728.8	5408186.7	5259.89990	269.03	130	48.826642	-86.935571	56024.93	56246.3	3.67	56028.60	56023.96094	56048.03795	56043.93750	504728.8	5408186.7
L4730.1	504728.8	5408188.4	5260.00000	269.61	130	48.826657	-86.935572	56024.61	56246.3	3.67	56028.28	56023.67969	56048.06538	56043.98828	504728.8	5408188.4
L4730.1	504728.8	5408188.4	5260.10010	270.33	130	48.826657	-86.935572	56024.40	56246.3	3.67	56028.07	56023.50781	56048.14895	56044.09375	504728.8	5408188.4
L4730.1	504728.8	5408189.9	5260.20020	266.25	130	48.826671	-86.935572	56024.40	56246.3	3.67	56028.07	56023.54297	56048.29999	56044.26953	504728.8	5408189.9
L4730.1	504728.7	5408191.4	5260.29981	265.03	130	48.826684	-86.935572	56023.06	56246.3	3.67	56026.73	56022.24219	56048.39451	56044.38672	504728.7	5408191.4
L4730.1	504728.7	5408192.8	5260.39990	263.13	130	48.826697	-86.935572	56023.52	56246.3	3.67	56027.19	56022.73828	56048.69106	56044.70703	504728.7	5408192.8
L4730.1	504728.7	5408194.2	5260.50000	260.91	130	48.826709	-86.935572	56023.72	56246.3	3.67	56027.39	56022.97656	56049.00972	56045.05078	504728.7	5408194.2
L4730.1	504728.7	5408194.2	5260.60010	260.43	130	48.826709	-86.935572	56022.70	56246.3	3.68	56026.38	56022.00391	56049.31959	56045.38672	504728.7	5408194.2
L4730.1	504728.7	5408195.7	5260.70020	261.68	130	48.826723	-86.935573	56022.61	56246.3	3.68	56026.28	56021.94531	56049.72505	56045.81641	504728.7	5408195.7
L4730.1	504728.7	5408197.4	5260.79981	259.90	130	48.826738	-86.935573	56022.63	56246.3	3.68	56026.31	56022.01172	56050.17126	56046.28516	504728.7	5408197.4
L4730.1	504728.7	5408198.8	5260.89990	261.67	130	48.826751	-86.935573	56022.53	56246.3	3.68	56026.21	56021.94922	56050.64802	56046.78906	504728.7	5408198.8
L4730.1	504728.7	5408198.8	5261.00000	262.84	130	48.826751	-86.935573	56021.88	56246.3	3.68	56025.56	56021.33594	56051.16609	56047.33203	504728.7	5408198.8
L4730.1	504728.7	5408200.4	5261.10010	261.12	130	48.826765	-86.935573	56022.05	56246.3	3.68	56025.73	56021.54297	56051.68071	56047.87109	504728.7	5408200.4
L4730.1	504728.7	5408201.9	5261.20020	258.20	130	48.826778	-86.935573	56022.61	56246.3	3.68	56026.29	56022.14063	56052.16458	56048.38281	504728.7	5408201.9
L4730.1	504728.7	5408201.9	5261.29981	255.19	130	48.826778	-86.935573	56022.02	56246.3	3.68	56025.70	56021.58984	56052.31378	56048.55469	504728.7	5408201.9
L4730.1	504728.7	5408203.3	5261.39990	252.81	130	48.826791	-86.935572	56021.52	56246.3	3.68	56025.20	56021.12500	56052.44054	56048.70703	504728.7	5408203.3
L4730.1	504728.7	5408204.4	5261.50000	252.12	130	48.826802	-86.935572	56021.92	56246.3	3.68	56025.60	56021.56250	56052.51699	56048.81250	504728.7	5408204.4
L4730.1	504728.7	5408205.9	5261.60010	250.99	130	48.826815	-86.935572	56022.05	56246.3	3.69	56025.73	56021.73047	56052.62125	56048.94141	504728.7	5408205.9
L4730.1	504728.7	5408206.9	5261.70020	250.25	130	48.826823	-86.935572	56021.62	56246.3	3.69	56025.31	56021.34766	56052.77206	56049.11719	504728.7	5408206.9
L4730.1	504728.7	5408208.3	5261.79981	252.42	130	48.826837	-86.935572	56021.44	56246.3	3.69	56025.13	56021.20313	56052.91685	56049.28906	504728.7	5408208.3
L4730.1	504728.7	5408210.0	5261.89990	250.09	130	48.826852	-86.935572	56022.02	56246.3	3.69	56025.71	56021.82031	56053.02104	56049.41797	504728.7	5408210.0
L4730.1	504728.7	5408211.2	5262.00000	252.11	130	48.826862	-86.935572	56022.25	56246.3	3.69	56025.94	56022.08594	56053.15870	56049.58203	504728.7	5408211.2
L4730.1	504728.7	5408212.8	5262.10010	251.65	130	48.826877	-86.935572	56021.82	56246.3	3.69	56025.51	56021.69141	56053.35058	56049.80078	504728.7	5408212.8
L4730.1	504728.7	5408212.8	5262.20020	240.69	130	48.826877	-86.935572	56022.50	56246.3	3.69	56026.19	56022.41016	56053.47872	56049.95703	504728.7	5408212.8
L4730.1	504728.8	5408214.5	5262.29981	241.82	130	48.826892	-86.935572	56021.77	56246.3	3.69	56025.46	56021.71484	56053.71120	56050.21484	504728.8	5408214.5
L4730.1	504728.8	5408216.2	5262.39990	254.87	130	48.826907	-86.935572	56022.61	56246.3	3.69	56026.30	56022.58984	56053.84940	56050.37891	504728.8	5408216.2
L4730.1	504728.8	5408217.8	5262.50000	254.88	130	48.826922	-86.935571	56022.27	56246.3	3.69	56025.96	56022.28516	56054.07668	56050.63281	504728.8	5408217.8
L4730.1	504728.8	5408217.8	5262.60010	254.81	130	48.826922	-86.935571	56023.06	56246.3	3.69	56026.75	56023.10938	56054.23908	56050.82031	504728.8	5408217.8
L4730.1	504728.8	5408219.2	5262.70020	257.46	130	48.826935	-86.935571	56022.98	56246.3	3.69	56026.67	56023.06641	56054.46997	56051.07813	504728.8	5408219.2
L4730.1	504728.8	5408220.6	5262.79981	255.46	130	48.826947	-86.935571	56023.62	56246.3	3.69	56027.31	56023.74219	56054.66337	56051.30078	504728.8	5408220.6
L4730.1	504728.8	5408220.6	5262.89990	256.02	130	48.826947	-86.935571	56023.89	56246.3	3.69	56027.58	56024.04297	56054.89196	56051.55469	504728.8	5408220.6
L4730.1	504728.8	5408222.6	5263.00000	255.79	130	48.826965	-86.935571	56024.10	56246.3	3.69	56027.79	56024.28906	56055.13507	56051.82422	504728.8	5408222.6
L4730.1	504728.8	5408223.4	5263.10010	258.30	130	48.826973	-86.935571	56024.12	56246.3	3.69	56027.81	56024.34375	56055.40137	56052.11719	504728.8	5408223.4
L4730.1	504728.8	5408225.1	5263.20020	257.54	130	48.826987	-86.935570	56024.61	56246.3	3.69	56028.30	56024.86719	56055.64686	56052.38672	504728.8	5408225.1
L4730.1	504728.8	5408225.1	5263.29981	259.01	130	48.826987	-86.935570	56025.34	56246.3	3.70	56029.03	56025.62891	56055.79757	56052.56641	504728.8	5408225.1
L4730.1	504728.8	5408226.8	5263.39990	256.92	130	48.827002	-86.935570	56025.54	56246.3	3.70	56029.24	56025.87109	56055.83256	56052.62500	504728.8	5408226.8
L4730.1	504728.8	5408228.1	5263.50000	256.21	130	48.827015	-86.935570	56025.54	56246.3	3.70	56029.24	56025.90625	56055.89833	56052.71875	504728.8	5408228.1
L4730.1	504728.8	5408228.1	5263.60010	256.12	130	48.827015	-86.935570	56026.66	56246.3	3.70	56030.36	56027.05859	56055.94634	56052.79297	504728.8	5408228.1
L4730.1	504728.9	5408230.0	5263.70020	257.20	130	48.827032	-86.935570	56026.63	56246.3	3.70	56030.33	56027.05859	56056.06817	56052.93750	504728.9	5408230.0
L4730.1	504728.9	5408231.5	5263.79981	258.56	130	48.827045	-86.935570	56026.98	56246.3	3.71	56030.69	56027.45313	56056.20919	56053.10547	504728.9	5408231.5
L4730.1	504728.9	5408232.9	5263.89990	258.02	130	48.827057	-86.935570	56027.69	56246.3	3.71	56031.40	56028.19141	56056.38111	56053.30469	504728.9	5408232.9
L4730.1	504728.9	5408234.4	5264.00000	260.65	130	48.827071	-86.935570	56028.09	56246.3	3.71	56031.80	56028.62500	56056.59833	56053.54688	504728.9	5408234.4
L4730.1	504728.9	5408234.4	5264.10010	262.57	130	48.827071	-86.935570	56028.90	56246.3	3.71	56032.61	56029.46484	56056.85445	56053.82813	504728.9	5408234.4
L4730.1	504728.9	5408236.6	5264.20020	264.10	130	48.827091	-86.935570	56029.54	56246.3	3.70	56033.24	56030.12500	56057.15623	56054.15625	504728.9	5408236.6
L4730.1	504728.9	5408236.6	5264.29981	260.56	130	48.827091	-86.935570	56030.19	56246.3	3.69	56033.89	56030.80859	56057.50235	56054.52734	504728.9	5408236.6
L4730.1	504728.9	5408239.8	5264.39990	260.88	130	48.827119	-86.935569	56030.40	56246.3	3.69	56034.09	56031.03906	56057.89405	56054.94141	504728.9	5408239.8
L4730.1	504728.9	5408239.8	5264.50000	262.22	130	48.827119	-86.935569	56031.16	56246.3	3.68	56034.84	56031.81641	56058.33055	56055.40234	504728.9	5408239.8
L4730.1	504729.0	5408241.5	5264.60010	263.20	130	48.827135	-86.935569	56032.09	56246.3	3.68	56035.77	56032.77734	56058.81182	56055.91016	504729.0	5408241.5
L4730.1	504729.0	5408241.5	5264.70020	262.01	130	48.827135	-86.935569	56032.54	56246.3	3.68	56036.22	56033.25781	56059.34498	56056.46875	504729.0	5408241.5
L4730.1	504729.0	5408242.9	5264.79981	259.07	130	48.827148	-86.935568	56033.81	56246.3	3.67	56037.48	56034.54688	56059.91238	56057.05859	504729.0	5408242.9
L4730.1	504729.0	5408244.3	5264.89990	258.88	130	48.827160	-86.935568	56034.32	56246.3	3.67	56037.98	56035.07422	56060.53385	56057.70703	504729.0	5408244.3
L4730.1	504729.0	5408245.8	5265.00000	259.02	130	48.827174	-86.935567	56035.36	56246.3	3.66	56039.02	56036.14453	56061.16627	56058.36328	504729.0	5408245.8
L4730.1	504729.1	5408247.3	5265.10010	259.76	130	48.827187	-86.935567	56035.58	56246.3	3.66	56039.24	56036.39063	56061.85541	56059.07422	504729.1	5408247.3
L4730.1	504729.1	5408247.3	5265.20020	262.75	130	48.827187	-86.935567	56037.02	56246.3	3.66	56040.68	56037.85938	56062.48759	56059.73047	504729.1	5408247.3
L4730.1	504729.1	5408248.7	5265.29981	264.84	130	48.827200	-86.935567	56038.64	56246.3	3.66	56042.30	56039.50781	56062.88085	56060.14844	504729.1	5408248.7
L4730.1	504729.1	5408250.2	5265.39990	260.98	130	48.827213	-86.935567	56038.32	56246.3	3.66	56041.98	56039.21484	56063.39280	56060.68359	504729.1	5408250.2
L4730.1	504729.1	5408251.5	5265.50000	259.88	130	48.827225	-86.935566	56040.41	56246.3	3.66	56044.07	56041.33203	56063.75213	56061.06641	504729.1	5408251.5
L4730.1	504729.1	5408251.5	5265.60010	257.37	130	48.827225	-86.935566	56039.96	56246.3	3.66	56043.62	56040.91016	56064.28864	56061.62500	504729.1	5408251.5
L4730.1	504729.1	5408253.2	5265.70020	256.46	130	48.827241	-86.935566	56041.95	56246.3	3.66	56045.61	56042.92578	56064.67012	56062.02734	504729.1	5408253.2
L4730.1	504729.1	5408254.9	5265.79981	253.43	130	48.827255	-86.935566	56041.95	56246.3	3.66	56045.61	56042.95313	56065.19170	56062.57422	504729.1	5408254.9
L4730.1	504729.1	5408256.3	5265.89990	252.33	130	48.827269	-86.935566	56043.40	56246.3	3.66	56047.06	56044.42969	56065.62383	56063.02734	504729.1	5408256.3
L4730.1	504729.1	5408258.0	5266.00000	251.75	130	48.827283	-86.935566	56044.71	56246.3	3.66	56048.37	56045.76563	56066.07228	56063.49609	504729.1	5408258.0
L4730.1	504729.1	5408258.0	5266.10010	250.54	130	48.827283	-86.935566	56045.52	56246.3	3.66	56049.18	56046.60156	56066.56082	56064.00781	504729.1	5408258.0
L4730.1	504729.2	5408259.6	5266.20020	247.93	130	48.827298	-86.935566	56046.79	56246.3	3.66	56050.44	56047.88672	56067.02590	56064.49609	504729.2	5408259.6
L4730.1	504729.2	5408261.1	5266.29981	249.34	130	48.827311	-86.935566	56047.62	56246.3	3.66	56051.28	56048.75000	56067.52527	56065.01563	504729.2	5408261.1
L4730.1	504729.2	5408262.5	5266.39990	251.22	130	48.827324	-86.935566	56049.09	56246.3	3.66	56052.74	56050.23438	56067.98936	56065.50000	504729.2	5408262.5
L4730.1	504729.2	5408262.5	5266.50000	254.41	130	48.827324	-86.935566	56050.33	56246.3	3.65	56053.99	56051.51172	56068.47327	56066.00781	504729.2	5408262.5
L4730.1	504729.1	5408264.4	5266.60010	260.85	130	48.827341	-86.935566	56050.68	56246.3	3.65	56054.33	56051.87500	56069.02342	56066.57813	504729.1	5408264.4
L4730.1	504729.1	5408266.1	5266.70020	264.39	95.47	48.827357	-86.935566	56052.38	56246.3	3.65	56056.03	56053.60156	56069.48823	56067.06250	504729.1	5408266.1
L4730.1	504729.1	5408267.4	5266.79981	262.17	95.47	48.827368	-86.935566	56053.69	56246.3	3.65	56057.34	56054.93359	56069.98412	56067.57813	504729.1	5408267.4
L4730.1	504729.1	5408267.4	5266.89990	251.33	95.31	48.827368	-86.935566	56054.42	56246.3	3.65	56058.07	56055.68750	56070.52350	56068.14063	504729.1	5408267.4
L4730.1	504729.1	5408269.3	5267.00000	254.59	95.31	48.827385	-86.935566	56055.58	56246.3	3.65	56059.23	56056.87109	56071.03880	56068.67578	504729.1	5408269.3
L4730.1	504729.1	5408271.0	5267.10010	254.25	95.24	48.827400	-86.935566	56056.63	56246.3	3.65	56060.28	56057.94531	56071.56575	56069.22266	504729.1	5408271.0
L4730.1	504729.1	5408271.0	5267.20020	256.96	95.36	48.827400	-86.935566	56058.09	56246.3	3.65	56061.74	56059.42969	56072.06945	56069.74609	504729.1	5408271.0
L4730.1	504729.1	5408272.9	5267.29981	260.14	95.36	48.827418	-86.935567	56058.78	56246.3	3.65	56062.43	56060.14453	56072.62831	56070.32422	504729.1	5408272.9
L4730.1	504729.0	5408274.3	5267.39990	261.28	95.54	48.827430	-86.935567	56059.82	56246.3	3.65	56063.47	56061.20703	56073.16742	56070.88281	504729.0	5408274.3
L4730.1	504729.0	5408274.3	5267.50000	261.51	95.63	48.827430	-86.935567	56061.28	56246.3	3.65	56064.93	56062.69141	56073.68185	56071.41406	504729.0	5408274.3
L4730.1	504729.0	5408276.0	5267.60010	264.77	95.63	48.827445	-86.935567	56062.85	56246.3	3.65	56066.50	56064.28516	56074.18563	56071.93750	504729.0	5408276.0
L4730.1	504729.0	5408277.7	5267.70020	264.62	95.59	48.827461	-86.935568	56063.23	56246.3	3.65	56066.88	56064.68750	56074.77944	56072.55078	504729.0	5408277.7
L4730.1	504729.0	5408277.7	5267.79981	264.47	95.59	48.827461	-86.935568	56064.64	56246.3	3.65	56068.29	56066.12109	56075.31063	56073.10156	504729.0	5408277.7
L4730.1	504729.0	5408279.3	5267.89990	259.80	95.17	48.827475	-86.935568	56065.31	56246.3	3.65	56068.96	56066.81250	56075.88858	56073.69531	504729.0	5408279.3
L4730.1	504729.0	5408280.8	5268.00000	259.12	95.17	48.827489	-86.935568	56067.12	56246.3	3.65	56070.77	56068.64453	56076.39262	56074.21875	504729.0	5408280.8
L4730.1	504728.9	5408282.5	5268.10010	254.83	95.31	48.827504	-86.935569	56067.68	56246.4	3.65	56071.33	56069.22656	56076.98187	56074.82422	504728.9	5408282.5
L4730.1	504728.9	5408282.5	5268.20020	253.73	95.49	48.827504	-86.935569	56069.27	56246.4	3.64	56072.92	56070.83984	56077.50408	56075.36328	504728.9	5408282.5
L4730.1	504728.9	5408284.2	5268.29981	252.90	95.49	48.827519	-86.935569	56069.68	56246.4	3.64	56073.32	56071.26172	56078.10701	56075.98438	504728.9	5408284.2
L4730.1	504728.9	5408284.2	5268.39990	252.70	95.31	48.827519	-86.935569	56071.40	56246.4	3.64	56075.04	56073.00391	56078.62312	56076.51953	504728.9	5408284.2
L4730.1	504728.9	5408285.8	5268.50000	251.53	95.31	48.827534	-86.935569	56072.56	56246.4	3.64	56076.19	56074.17969	56079.17816	56077.08984	504728.9	5408285.8
L4730.1	504728.8	5408287.3	5268.60010	251.67	95.31	48.827547	-86.935570	56073.35	56246.4	3.63	56076.98	56074.99219	56079.75792	56077.68750	504728.8	5408287.3
L4730.1	504728.8	5408288.8	5268.70020	253.20	95.31	48.827560	-86.935570	56074.69	56246.4	3.63	56078.32	56076.35156	56080.30151	56078.24609	504728.8	5408288.8

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4730.1	504728.8	5408290.2	5268.79981	253.10	94.72	48.827573	-86.935570	56075.41	56246.4	3.63	56079.04	56077.09375	56080.88671	56078.84766	504728.8	5408290.2
L4730.1	504728.8	5408291.7	5268.89990	254.22	94.82	48.827587	-86.935571	56077.21	56246.4	3.62	56080.84	56078.91797	56081.39998	56079.37891	504728.8	5408291.7
L4730.1	504728.8	5408291.7	5269.00000	253.85	86.11	48.827587	-86.935571	56077.95	56246.4	3.62	56081.57	56079.66797	56081.98444	56079.98047	504728.8	5408291.7
L4730.1	504728.7	5408293.6	5269.10010	256.11	86.11	48.827604	-86.935571	56078.98	56246.4	3.62	56082.60	56080.72266	56082.54855	56080.55859	504728.7	5408293.6
L4730.1	504728.7	5408295.0	5269.20020	257.39	85.26	48.827617	-86.935571	56079.92	56246.4	3.62	56083.54	56081.68359	56083.11812	56081.14453	504728.7	5408295.0
L4730.1	504728.7	5408296.5	5269.29981	256.76	85.26	48.827630	-86.935572	56081.42	56246.4	3.62	56085.04	56083.20703	56083.64962	56081.69141	504728.7	5408296.5
L4730.1	504728.7	5408296.5	5269.29981	256.76	85.61	48.827630	-86.935572	56081.96	56246.4	3.62	56085.58	56083.76563	56084.24418	56082.30078	504728.7	5408296.5
L4730.1	504728.7	5408297.9	5269.39990	254.04	86.68	48.827643	-86.935572	56082.96	56246.4	3.62	56086.57	56084.77734	56084.80762	56082.87891	504728.7	5408297.9
L4730.1	504728.6	5408299.2	5269.60010	251.26	86.68	48.827654	-86.935572	56084.36	56246.4	3.61	56087.97	56086.20313	56085.34243	56083.42969	504728.6	5408299.2
L4730.1	504728.6	5408301.1	5269.70020	250.81	86.68	48.827671	-86.935573	56085.48	56246.4	3.61	56089.10	56087.35156	56085.92581	56084.02734	504728.6	5408301.1
L4730.1	504728.6	5408301.1	5269.79981	253.14	78.96	48.827671	-86.935573	56086.14	56246.4	3.61	56089.76	56088.03516	56086.55006	56084.66797	504728.6	5408301.1
L4730.1	504728.6	5408302.5	5269.89990	255.95	82.25	48.827684	-86.935573	56086.82	56246.4	3.61	56090.44	56088.73828	56087.17260	56085.30469	504728.6	5408302.5
L4730.1	504728.6	5408303.8	5270.00000	257.82	82.25	48.827695	-86.935573	56088.29	56246.4	3.61	56091.90	56090.21875	56087.77985	56085.92578	504728.6	5408303.8
L4730.1	504728.5	5408305.7	5270.10010	258.83	86.72	48.827712	-86.935574	56089.66	56246.4	3.61	56093.27	56091.61328	56088.40069	56086.56250	504728.5	5408305.7
L4730.1	504728.5	5408305.7	5270.20020	268.67	81.4	48.827712	-86.935574	56089.88	56246.4	3.60	56093.48	56091.84375	56089.02264	56087.19922	504728.5	5408305.7
L4730.1	504728.5	5408307.1	5270.29981	269.61	81.4	48.827725	-86.935574	56091.79	56246.4	3.60	56095.38	56093.76563	56089.64561	56087.83594	504728.5	5408307.1
L4730.1	504728.5	5408309.1	5270.39990	272.32	81.4	48.827743	-86.935574	56091.96	56246.4	3.59	56095.55	56093.95703	56090.24093	56088.44531	504728.5	5408309.1
L4730.1	504728.5	5408310.3	5270.50000	263.47	80.61	48.827754	-86.935574	56093.13	56246.4	3.58	56096.72	56095.14844	56090.83492	56089.05078	504728.5	5408310.3
L4730.1	504728.5	5408311.5	5270.60010	263.76	80.61	48.827764	-86.935574	56094.66	56246.4	3.58	56098.24	56096.69141	56091.41645	56089.64453	504728.5	5408311.5
L4730.1	504728.5	5408311.5	5270.70020	270.12	84.9	48.827764	-86.935574	56094.39	56246.4	3.57	56097.97	56096.44531	56091.94588	56090.18750	504728.5	5408311.5
L4730.1	504728.5	5408313.1	5270.79981	271.11	84.9	48.827779	-86.935575	56095.28	56246.4	3.57	56098.85	56097.34766	56092.47140	56090.72656	504728.5	5408313.1
L4730.1	504728.5	5408314.6	5270.89990	270.60	85.67	48.827792	-86.935575	56096.69	56246.4	3.56	56100.26	56098.78125	56092.96876	56091.23828	504728.5	5408314.6
L4730.1	504728.4	5408316.3	5271.00000	268.48	84.27	48.827808	-86.935575	56098.06	56246.4	3.56	56101.62	56100.16406	56093.42478	56091.70703	504728.4	5408316.3
L4730.1	504728.4	5408316.3	5271.10010	262.62	85.34	48.827808	-86.935575	56098.42	56246.4	3.56	56101.98	56100.54688	56093.86389	56092.16016	504728.4	5408316.3
L4730.1	504728.4	5408317.7	5271.20020	261.14	85.34	48.827820	-86.935575	56099.70	56246.4	3.56	56103.25	56101.83594	56094.24503	56092.55469	504728.4	5408317.7
L4730.1	504728.4	5408319.6	5271.29981	260.77	87.5	48.827838	-86.935575	56099.88	56246.4	3.55	56103.43	56102.03906	56094.65221	56092.97266	504728.4	5408319.6
L4730.1	504728.4	5408319.6	5271.39990	258.89	84.65	48.827838	-86.935575	56100.91	56246.4	3.55	56104.46	56103.09375	56095.15090	56093.48438	504728.4	5408319.6
L4730.1	504728.4	5408321.0	5271.50000	256.11	85.54	48.827850	-86.935575	56102.69	56246.4	3.55	56106.24	56104.89453	56095.60809	56093.95313	504728.4	5408321.0
L4730.1	504728.4	5408323.2	5271.60010	253.24	85.54	48.827870	-86.935575	56102.44	56246.5	3.55	56105.99	56104.66797	56096.19681	56094.55469	504728.4	5408323.2
L4730.1	504728.4	5408324.1	5271.70020	251.35	84.98	48.827878	-86.935575	56103.08	56246.5	3.55	56106.63	56105.33203	56096.72231	56095.09375	504728.4	5408324.1
L4730.1	504728.4	5408324.1	5271.79981	251.04	83.98	48.827878	-86.935575	56104.96	56246.5	3.54	56108.51	56107.23438	56097.16121	56095.54297	504728.4	5408324.1
L4730.1	504728.4	5408325.9	5271.89990	250.62	82.96	48.827894	-86.935576	56104.68	56246.5	3.54	56108.23	56106.98047	56097.74011	56096.13281	504728.4	5408325.9
L4730.1	504728.4	5408327.3	5272.00000	248.85	82.96	48.827907	-86.935576	56105.62	56246.5	3.54	56109.16	56107.93359	56098.23431	56096.64063	504728.4	5408327.3
L4730.1	504728.4	5408328.7	5272.10010	246.83	83.63	48.827920	-86.935576	56106.51	56246.5	3.54	56110.05	56108.84375	56098.72709	56097.14453	504728.4	5408328.7
L4730.1	504728.4	5408329.7	5272.20020	244.82	83.63	48.827928	-86.935576	56107.24	56246.5	3.54	56110.77	56109.58984	56099.22707	56097.65625	504728.4	5408329.7
L4730.1	504728.4	5408329.7	5272.29981	246.05	92.19	48.827928	-86.935576	56107.50	56246.5	3.53	56111.03	56109.87109	56099.75356	56098.19531	504728.4	5408329.7
L4730.1	504728.4	5408331.4	5272.39990	246.50	90.47	48.827944	-86.935576	56108.71	56246.5	3.53	56112.24	56111.10547	56100.21253	56098.66406	504728.4	5408331.4
L4730.1	504728.4	5408332.8	5272.50000	246.78	90.47	48.827956	-86.935576	56108.63	56246.5	3.53	56112.16	56111.05078	56100.75328	56099.21875	504728.4	5408332.8
L4730.1	504728.4	5408333.8	5272.60010	246.09	86.01	48.827965	-86.935576	56109.59	56246.5	3.53	56113.11	56112.02344	56101.22113	56099.69531	504728.4	5408333.8
L4730.1	504728.4	5408335.2	5272.70020	248.40	81.83	48.827978	-86.935575	56110.11	56246.5	3.53	56113.63	56112.56641	56101.71341	56100.19922	504728.4	5408335.2
L4730.1	504728.4	5408336.6	5272.79981	253.57	80.02	48.827991	-86.935575	56111.32	56246.5	3.52	56114.84	56113.80078	56102.15542	56100.65234	504728.4	5408336.6
L4730.1	504728.4	5408338.2	5272.89990	256.26	80.02	48.828005	-86.935575	56111.57	56246.5	3.52	56115.09	56114.07813	56102.65717	56101.16406	504728.4	5408338.2
L4730.1	504728.4	5408339.6	5273.00000	259.56	80.75	48.828018	-86.935575	56112.25	56246.5	3.52	56115.77	56114.78125	56103.12598	56101.64453	504728.4	5408339.6
L4730.1	504728.4	5408339.6	5273.10010	261.88	80.36	48.828018	-86.935575	56112.75	56246.5	3.51	56116.26	56115.29688	56103.60318	56102.13281	504728.4	5408339.6
L4730.1	504728.4	5408341.0	5273.20020	264.77	80.36	48.828030	-86.935575	56113.37	56246.5	3.51	56116.87	56115.92969	56104.06813	56102.60938	504728.4	5408341.0
L4730.1	504728.4	5408342.6	5273.29981	264.72	79.82	48.828045	-86.935575	56113.71	56246.5	3.50	56117.22	56116.30469	56104.54614	56103.09766	504728.4	5408342.6
L4730.1	504728.4	5408343.8	5273.39990	264.58	80.42	48.828056	-86.935575	56114.14	56246.5	3.50	56117.64	56116.75000	56105.01525	56103.57422	504728.4	5408343.8
L4730.1	504728.4	5408345.0	5273.50000	261.74	80.11	48.828066	-86.935575	56115.36	56246.5	3.49	56118.85	56117.98438	56105.42746	56104.00000	504728.4	5408345.0
L4730.1	504728.4	5408345.0	5273.60010	260.70	80.11	48.828066	-86.935575	56116.31	56246.5	3.48	56119.79	56118.94922	56105.85346	56104.43359	504728.4	5408345.0
L4730.1	504728.4	5408346.4	5273.70020	258.67	82.13	48.828079	-86.935574	56115.64	56246.5	3.48	56119.11	56118.29297	56106.38327	56104.97266	504728.4	5408346.4
L4730.1	504728.5	5408348.1	5273.79981	259.26	84.18	48.828094	-86.935574	56116.28	56246.5	3.47	56119.75	56118.96094	56106.82092	56105.42188	504728.5	5408348.1
L4730.1	504728.5	5408349.8	5273.89990	256.68	84.18	48.828109	-86.935574	56118.06	56246.5	3.47	56121.53	56120.76563	56107.17842	56105.78906	504728.5	5408349.8
L4730.1	504728.5	5408349.8	5274.00000	255.91	84.78	48.828109	-86.935574	56117.76	56246.5	3.46	56121.22	56120.48047	56107.67115	56106.29297	504728.5	5408349.8
L4730.1	504728.5	5408351.9	5274.10010	237.96	80.42	48.828128	-86.935574	56118.61	56246.5	3.46	56122.06	56121.34766	56108.08314	56106.71484	504728.5	5408351.9
L4730.1	504728.5	5408351.9	5274.20020	238.33	80.07	48.828128	-86.935574	56119.10	56246.5	3.45	56122.55	56121.86328	56108.51442	56107.15625	504728.5	5408351.9
L4730.1	504728.5	5408353.3	5274.29981	252.40	80.07	48.828141	-86.935574	56119.64	56246.6	3.45	56123.08	56122.41797	56108.93904	56107.58984	504728.5	5408353.3
L4730.1	504728.5	5408355.3	5274.39990	251.08	82.87	48.828158	-86.935574	56119.96	56246.6	3.44	56123.40	56122.76172	56109.37370	56108.03125	504728.5	5408355.3
L4730.1	504728.5	5408355.3	5274.50000	251.79	80.3	48.828158	-86.935574	56120.34	56246.6	3.44	56123.78	56123.16797	56109.80045	56108.46875	504728.5	5408355.3
L4730.1	504728.5	5408357.0	5274.60010	251.50	80.3	48.828174	-86.935574	56121.11	56246.6	3.44	56124.54	56123.95703	56110.19800	56108.87500	504728.5	5408357.0
L4730.1	504728.5	5408358.1	5274.70020	252.69	82.09	48.828184	-86.935574	56120.82	56246.6	3.43	56124.25	56123.69141	56110.66173	56109.34766	504728.5	5408358.1
L4730.1	504728.5	5408360.0	5274.79981	252.98	80.72	48.828201	-86.935574	56121.41	56246.6	3.43	56124.83	56124.29688	56111.06370	56109.75781	504728.5	5408360.0
L4730.1	504728.5	5408361.5	5274.89990	249.40	80.72	48.828215	-86.935574	56122.34	56246.6	3.42	56125.76	56125.25391	56111.43863	56110.14453	504728.5	5408361.5
L4730.1	504728.5	5408362.7	5275.00000	248.96	79.74	48.828225	-86.935574	56122.92	56246.6	3.42	56126.34	56125.85938	56111.83324	56110.54688	504728.5	5408362.7
L4730.1	504728.5	5408363.9	5275.10010	248.99	79.74	48.828236	-86.935574	56122.92	56246.6	3.42	56126.34	56125.88672	56112.26292	56110.98438	504728.5	5408363.9
L4730.1	504728.5	5408363.9	5275.20020	249.11	80.89	48.828236	-86.935574	56123.61	56246.6	3.42	56127.02	56126.59375	56112.64374	56111.37500	504728.5	5408363.9
L4730.1	504728.5	5408365.3	5275.29981	248.77	80.89	48.828249	-86.935574	56123.66	56246.6	3.41	56127.07	56126.67188	56113.06309	56111.80469	504728.5	5408365.3
L4730.1	504728.5	5408367.1	5275.39990	243.62	83.74	48.828265	-86.935574	56124.96	56246.6	3.41	56128.38	56128.00781	56113.39503	56112.14453	504728.5	5408367.1
L4730.1	504728.5	5408367.1	5275.50000	247.00	84.09	48.828265	-86.935574	56124.23	56246.6	3.41	56127.64	56127.29297	56113.86030	56112.61719	504728.5	5408367.1
L4730.1	504728.5	5408368.5	5275.60010	247.13	86.06	48.828277	-86.935574	56124.52	56246.6	3.41	56127.93	56127.61328	56114.25363	56113.01953	504728.5	5408368.5
L4730.1	504728.5	5408370.7	5275.70020	248.32	86.06	48.828297	-86.935574	56126.06	56246.6	3.41	56129.47	56129.17969	56114.56043	56113.33203	504728.5	5408370.7
L4730.1	504728.5	5408370.7	5275.79981	248.59	90.15	48.828297	-86.935574	56125.43	56246.6	3.40	56128.83	56128.56641	56115.00942	56113.78906	504728.5	5408370.7
L4730.1	504728.5	5408372.2	5275.89990	251.50	90.72	48.828310	-86.935574	56126.41	56246.6	3.40	56129.81	56129.57422	56115.34734	56114.13672	504728.5	5408372.2
L4730.1	504728.5	5408373.5	5276.00000	252.48	82.02	48.828322	-86.935573	56126.06	56246.6	3.40	56129.46	56129.25000	56115.77093	56114.57031	504728.5	5408373.5
L4730.1	504728.5	5408375.0	5276.10010	255.33	82.02	48.828336	-86.935573	56126.85	56246.6	3.40	56130.24	56130.05859	56116.11627	56114.92188	504728.5	5408375.0
L4730.1	504728.5	5408376.6	5276.20020	257.02	85.84	48.828350	-86.935573	56126.90	56246.6	3.39	56130.29	56130.13672	56116.50742	56115.32031	504728.5	5408376.6
L4730.1	504728.5	5408377.2	5276.29981	258.49	88.81	48.828356	-86.935573	56126.96	56246.6	3.39	56130.35	56130.22656	56117.01380	56115.83594	504728.5	5408377.2
L4730.1	504728.5	5408378.7	5276.39990	261.20	88.81	48.828369	-86.935573	56127.56	56246.6	3.38	56130.94	56130.84375	56117.62116	56116.44922	504728.5	5408378.7
L4730.1	504728.5	5408378.7	5276.50000	263.08	83.78	48.828369	-86.935573	56128.14	56246.6	3.38	56131.52	56131.44922	56118.20932	56117.04688	504728.5	5408378.7
L4730.1	504728.5	5408380.5	5276.60010	264.66	87.99	48.828385	-86.935573	56128.21	56246.6	3.38	56131.58	56131.53906	56118.77282	56117.61719	504728.5	5408380.5
L4730.1	504728.5	5408381.8	5276.70020	265.86	89.99	48.828397	-86.935573	56129.15	56246.6	3.37	56132.52	56132.50781	56119.29749	56118.14844	504728.5	5408381.8
L4730.1	504728.6	5408383.3	5276.79981	266.31	89.99	48.828410	-86.935572	56129.15	56246.6	3.37	56132.52	56132.53516	56119.77262	56118.63281	504728.6	5408383.3
L4730.1	504728.6	5408384.2	5276.89990	266.53	83.23	48.828419	-86.935572	56128.54	56246.6	3.36	56131.90	56131.94531	56120.18109	56119.04688	504728.6	5408384.2
L4730.1	504728.6	5408385.5	5277.00000	265.90	83.23	48.828431	-86.935572	56129.70	56246.6	3.36	56133.06	56133.13281	56120.58952	56119.46484	504728.6	5408385.5
L4730.1	504728.6	5408386.9	5277.10010	266.79	76.83	48.828443	-86.935572	56130.34	56246.6	3.35	56133.69	56133.78906	56120.94525	56119.82813	504728.6	5408386.9
L4730.1	504728.6	5408386.9	5277.20020	269.70	80.58	48.828443	-86.935572	56131.09	56246.7	3.35	56134.44	56134.57031	56121.26354	56120.15234	504728.6	5408386.9
L4730.1	504728.6	5408388.5	5277.29981	268.50	78.91	48.828457	-86.935572	56130.74	56246.7	3.34	56134.08	56134.23828	56121.52136	56120.41797	504728.6	5408388.5
L4730.1	504728.6	5408389.9	5277.39990	268.03	78.91	48.828470	-86.935571	56131.57	56246.7	3.33	56134.91	56135.09766	56121.77285	56120.67578	504728.6	5408389.9
L4730.1	504728.6	5408391.2	5277.50000	263.56	76.88	48.828482	-86.935571	56131.55	56246.7	3.32	56134.87	56135.08594	56121.98904	56120.89844	504728.6	5408391.2
L4730.1	504728.7	5408392.4	5277.60010	260.73	78.94	48.828492	-86.935571	56131.75	56246.7	3.32	56135.07	56135.31641	56122.19220	56121.10938	504728.7	5408392.4
L4730.1	504728.7	5408394.1	5277.70020	256.58	78.94	48.828508	-86.935571	56132.16	56246.7	3.31	56135.47	56135.74609	56122.38250	56121.30859	504728.7	5408394.1
L4730.1	504728.7	5408395.6	5277.79981	254.69	79.71	48.828521	-86.935571	56132.86	56246.7	3.30	56136.16	56136.46484	56122.55645	56121.48828	504728.7	5408395.6
L4730.1	504728.7	5408395.6	5277.89990	253.37	81.33	48.828521	-86.935571	56132.52	56246.7	3.30	56135.81	56136.14453	56122.76757	56121.70703	504728.7	5408395.6
L4730.1	504728.7	5408397.1	5278.00000	253.30	81.33	48.828535	-86.935571	56133.67	56246.7	3.29	56136.96	56137.32031	56122.91950	56121.86719	504728.7	5408397.1

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4730.1	504728.7	5408398.5	5278.10010	251.96	86.61	48.828548	-86.935571	56133.16	56246.7	3.29	56136.45	56136.83984	56123.17365	56122.12500	504728.7	5408398.5
L4730.1	504728.7	5408400.0	5278.20020	250.25	86.61	48.828561	-86.935571	56133.96	56246.7	3.29	56137.24	56137.66016	56123.43641	56122.39453	504728.7	5408400.0
L4730.1	504728.7	5408401.4	5278.29981	250.38	86.92	48.828573	-86.935571	56134.68	56246.7	3.28	56137.96	56138.41016	56123.73770	56122.70313	504728.7	5408401.4
L4730.1	504728.7	5408401.4	5278.39990	253.25	86.92	48.828573	-86.935571	56134.79	56246.7	3.28	56138.07	56138.55078	56124.07808	56123.05078	504728.7	5408401.4
L4730.1	504728.7	5408402.8	5278.50000	255.57	81.1	48.828586	-86.935571	56134.91	56246.7	3.28	56138.19	56138.69922	56124.41626	56123.39844	504728.7	5408402.8
L4730.1	504728.7	5408404.3	5278.60010	257.14	81.1	48.828599	-86.935571	56135.24	56246.7	3.28	56138.52	56139.05859	56124.73895	56123.72656	504728.7	5408404.3
L4730.1	504728.7	5408405.5	5278.70020	259.22	86.23	48.828611	-86.935571	56136.00	56246.7	3.28	56139.27	56139.83984	56125.03217	56124.02734	504728.7	5408405.5
L4730.1	504728.7	5408406.9	5278.79981	256.59	90.22	48.828623	-86.935571	56136.22	56246.7	3.27	56139.50	56140.10156	56125.35863	56124.35938	504728.7	5408406.9
L4730.1	504728.7	5408406.9	5278.89990	257.89	90.4	48.828623	-86.935571	56135.88	56246.7	3.27	56139.15	56139.78125	56125.72236	56124.73047	504728.7	5408406.9
L4730.1	504728.7	5408408.6	5279.00000	258.73	90.4	48.828638	-86.935571	56137.04	56246.7	3.27	56140.31	56140.96875	56125.98406	56125.00000	504728.7	5408408.6
L4730.1	504728.7	5408409.8	5279.10010	257.92	90.14	48.828649	-86.935571	56137.39	56246.7	3.26	56140.66	56141.35156	56126.32991	56125.35156	504728.7	5408409.8
L4730.1	504728.7	5408411.3	5279.20020	258.74	90.14	48.828663	-86.935571	56137.77	56246.7	3.26	56141.03	56141.75000	56126.74666	56125.77734	504728.7	5408411.3
L4730.1	504728.7	5408411.3	5279.29981	259.80	80.74	48.828663	-86.935571	56137.44	56246.7	3.25	56140.70	56141.44922	56127.19917	56126.23438	504728.7	5408411.3
L4730.1	504728.7	5408413.2	5279.39990	260.66	90.1	48.828679	-86.935570	56138.55	56246.8	3.25	56141.80	56142.58203	56127.57819	56126.62109	504728.7	5408413.2
L4730.1	504728.7	5408414.8	5279.50000	260.26	90.1	48.828694	-86.935570	56138.58	56246.8	3.24	56141.83	56142.64063	56127.99563	56127.04688	504728.7	5408414.8
L4730.1	504728.7	5408416.4	5279.60010	260.79	89.76	48.828708	-86.935570	56139.01	56246.8	3.24	56142.25	56143.08984	56128.38555	56127.44531	504728.7	5408416.4
L4730.1	504728.7	5408416.4	5279.70020	260.03	89.76	48.828708	-86.935570	56139.18	56246.8	3.24	56142.42	56143.29297	56128.76587	56127.83203	504728.7	5408416.4
L4730.1	504728.7	5408418.0	5279.79981	260.92	81.12	48.828722	-86.935570	56140.20	56246.8	3.23	56143.43	56144.33203	56129.10856	56128.18359	504728.7	5408418.0
L4730.1	504728.7	5408419.9	5279.89990	261.06	81.12	48.828740	-86.935570	56139.87	56246.8	3.22	56143.10	56144.03125	56129.45614	56128.53516	504728.7	5408419.9
L4730.1	504728.7	5408421.5	5280.00000	259.82	85.89	48.828755	-86.935571	56140.61	56246.8	3.22	56143.83	56144.79297	56129.76781	56128.85547	504728.7	5408421.5
L4730.1	504728.7	5408421.5	5280.10010	258.32	78.75	48.828755	-86.935571	56140.61	56246.8	3.22	56143.82	56144.81250	56130.07748	56129.17578	504728.7	5408421.5
L4730.1	504728.7	5408423.2	5280.20020	258.92	78.75	48.828770	-86.935571	56141.14	56246.8	3.21	56144.35	56145.37500	56130.36636	56129.46875	504728.7	5408423.2
L4730.1	504728.6	5408424.6	5280.29981	256.45	80.83	48.828783	-86.935571	56141.26	56246.8	3.21	56144.46	56145.51563	56130.65157	56129.76563	504728.6	5408424.6
L4730.1	504728.6	5408426.6	5280.39990	258.94	80.83	48.828800	-86.935571	56142.04	56246.8	3.20	56145.24	56146.32813	56130.91327	56130.03516	504728.6	5408426.6
L4730.1	504728.6	5408426.6	5280.50000	258.37	79.63	48.828800	-86.935571	56142.08	56246.8	3.19	56145.27	56146.38672	56131.18037	56130.30859	504728.6	5408426.6
L4730.1	504728.6	5408428.0	5280.60010	260.45	87.39	48.828813	-86.935571	56142.60	56246.8	3.19	56145.79	56146.93750	56131.42806	56130.56641	504728.6	5408428.0
L4730.1	504728.6	5408429.5	5280.70020	257.55	87.39	48.828826	-86.935571	56143.64	56246.8	3.18	56146.82	56148.00000	56131.65185	56130.79688	504728.6	5408429.5
L4730.1	504728.6	5408429.5	5280.79981	256.92	87.39	48.828826	-86.935571	56143.09	56246.8	3.18	56146.27	56147.48047	56131.92028	56131.07422	504728.6	5408429.5
L4730.1	504728.6	5408430.8	5280.89990	256.11	89.96	48.828838	-86.935572	56144.16	56246.8	3.17	56147.34	56148.58203	56132.13057	56131.29297	504728.6	5408430.8
L4730.1	504728.6	5408432.6	5281.00000	257.80	81.69	48.828854	-86.935572	56144.23	56246.8	3.17	56147.40	56148.67188	56132.37818	56131.55078	504728.6	5408432.6
L4730.1	504728.6	5408434.0	5281.10010	258.20	81.69	48.828867	-86.935572	56144.60	56246.8	3.16	56147.76	56149.06250	56132.61653	56131.79688	504728.6	5408434.0
L4730.1	504728.6	5408434.0	5281.20020	258.67	78.54	48.828867	-86.935572	56145.54	56246.8	3.15	56148.69	56150.02344	56132.83127	56132.02344	504728.6	5408434.0
L4730.1	504728.5	5408435.4	5281.29981	260.51	79.66	48.828879	-86.935572	56145.74	56246.9	3.15	56148.88	56150.24609	56133.08880	56132.28906	504728.5	5408435.4
L4730.1	504728.5	5408436.9	5281.39990	261.63	79.66	48.828893	-86.935572	56146.25	56246.9	3.14	56149.38	56150.77344	56133.33978	56132.55078	504728.5	5408436.9
L4730.1	504728.5	5408437.9	5281.50000	260.89	89.67	48.828902	-86.935573	56146.04	56246.9	3.13	56149.17	56150.59766	56133.63966	56132.85938	504728.5	5408437.9
L4730.1	504728.5	5408439.4	5281.60010	258.67	89.37	48.828916	-86.935573	56146.45	56246.9	3.12	56149.57	56151.02734	56133.91771	56133.14844	504728.5	5408439.4
L4730.1	504728.5	5408440.7	5281.70020	257.63	89.37	48.828927	-86.935573	56146.82	56246.9	3.11	56149.93	56151.41797	56134.20854	56133.45313	504728.5	5408440.7
L4730.1	504728.4	5408442.2	5281.79981	255.24	89.54	48.828941	-86.935573	56147.34	56246.9	3.11	56150.45	56151.96875	56134.50057	56133.75391	504728.4	5408442.2
L4730.1	504728.4	5408443.4	5281.89990	256.48	89.54	48.828951	-86.935573	56148.22	56246.9	3.10	56151.32	56152.87109	56134.78384	56134.05078	504728.4	5408443.4
L4730.1	504728.4	5408443.4	5282.00000	255.82	89.37	48.828951	-86.935573	56147.33	56246.9	3.09	56150.42	56152.00000	56135.16458	56134.44141	504728.4	5408443.4
L4730.1	504728.4	5408445.3	5282.10010	255.86	89	48.828968	-86.935573	56148.95	56246.9	3.08	56152.04	56153.65234	56135.42781	56134.71484	504728.4	5408445.3
L4730.1	504728.4	5408446.7	5282.20020	256.58	89	48.828981	-86.935574	56148.95	56246.9	3.08	56152.03	56153.67188	56135.77425	56135.07422	504728.4	5408446.7
L4730.1	504728.4	5408446.7	5282.29981	257.50	88.81	48.828981	-86.935574	56149.28	56246.9	3.07	56152.35	56154.02344	56136.10939	56135.42188	504728.4	5408446.7
L4730.1	504728.4	5408448.2	5282.39990	257.61	88.81	48.828995	-86.935574	56150.29	56246.9	3.07	56153.35	56155.05469	56136.42383	56135.75000	504728.4	5408448.2
L4730.1	504728.4	5408449.6	5282.50000	258.08	89.59	48.829007	-86.935574	56150.15	56246.9	3.06	56153.21	56154.94531	56136.78207	56136.12109	504728.4	5408449.6
L4730.1	504728.4	5408451.0	5282.60010	259.35	77.1	48.829020	-86.935574	56150.85	56246.9	3.05	56153.90	56155.66797	56137.11585	56136.46875	504728.4	5408451.0
L4730.1	504728.4	5408451.9	5282.70020	259.76	76.58	48.829028	-86.935574	56150.52	56247	3.05	56153.57	56155.36719	56137.47666	56136.84375	504728.4	5408451.9
L4730.1	504728.4	5408453.3	5282.79981	261.78	76.58	48.829041	-86.935574	56151.71	56247	3.04	56154.75	56156.57813	56137.80444	56137.18359	504728.4	5408453.3
L4730.1	504728.4	5408453.3	5282.89990	262.14	79.22	48.829041	-86.935574	56151.02	56247	3.04	56154.06	56155.91797	56138.16389	56137.55859	504728.4	5408453.3
L4730.1	504728.4	5408455.1	5283.00000	261.88	89.55	48.829057	-86.935574	56152.24	56247	3.03	56155.27	56157.16016	56138.49504	56137.90625	504728.4	5408455.1
L4730.1	504728.4	5408456.4	5283.10010	261.68	89.68	48.829068	-86.935574	56151.94	56247	3.02	56154.96	56156.88281	56138.83758	56138.26172	504728.4	5408456.4
L4730.1	504728.4	5408457.9	5283.20020	261.30	89.1	48.829081	-86.935574	56152.92	56247	3.02	56155.94	56157.89063	56139.16931	56138.60938	504728.4	5408457.9
L4730.1	504728.4	5408459.1	5283.29981	259.06	89.1	48.829092	-86.935574	56153.23	56247	3.01	56156.25	56158.23438	56139.49758	56138.95703	504728.4	5408459.1
L4730.1	504728.4	5408460.4	5283.39990	259.60	83.36	48.829104	-86.935574	56153.48	56247	3.01	56156.48	56158.49219	56139.81691	56139.29297	504728.4	5408460.4
L4730.1	504728.4	5408461.8	5283.50000	259.19	83.36	48.829117	-86.935574	56154.11	56247	3.00	56157.11	56159.15625	56140.12969	56139.62109	504728.4	5408461.8
L4730.1	504728.4	5408461.8	5283.60010	259.58	88.9	48.829117	-86.935574	56155.07	56247	2.99	56158.07	56160.14453	56140.43811	56139.94531	504728.4	5408461.8
L4730.1	504728.4	5408463.3	5283.70020	261.56	88.9	48.829131	-86.935574	56154.24	56247	2.99	56157.23	56159.33594	56140.71503	56140.24219	504728.4	5408463.3
L4730.1	504728.4	5408465.0	5283.79981	260.12	88.83	48.829146	-86.935574	56154.70	56247	2.98	56157.68	56159.81641	56140.99601	56140.54297	504728.4	5408465.0
L4730.1	504728.4	5408466.4	5283.89990	258.89	80.93	48.829158	-86.935574	56156.44	56247	2.98	56159.41	56161.57813	56141.28541	56140.84766	504728.4	5408466.4
L4730.1	504728.4	5408466.4	5284.00000	259.75	80.93	48.829158	-86.935574	56155.18	56247	2.97	56158.15	56160.34766	56141.51987	56141.10156	504728.4	5408466.4
L4730.1	504728.4	5408468.2	5284.10010	260.65	80.65	48.829174	-86.935574	56156.11	56247	2.96	56159.07	56161.30078	56141.77650	56141.37891	504728.4	5408468.2
L4730.1	504728.4	5408469.5	5284.20020	259.87	80.65	48.829186	-86.935574	56156.64	56247	2.96	56159.60	56161.85938	56142.01809	56141.64063	504728.4	5408469.5
L4730.1	504728.4	5408471.6	5284.29981	261.41	85.18	48.829205	-86.935574	56156.66	56247.1	2.95	56159.61	56161.90234	56142.24567	56141.89063	504728.4	5408471.6
L4730.1	504728.4	5408471.6	5284.39990	259.28	85.18	48.829205	-86.935574	56157.18	56247.1	2.94	56160.13	56162.44922	56142.47443	56142.14063	504728.4	5408471.6
L4730.1	504728.4	5408473.0	5284.50000	260.92	79.35	48.829218	-86.935574	56157.02	56247.1	2.94	56159.96	56162.31250	56142.69073	56142.37891	504728.4	5408473.0
L4730.1	504728.4	5408474.5	5284.60010	262.11	79.35	48.829231	-86.935573	56157.82	56247.1	2.93	56160.75	56163.13281	56142.91240	56142.62109	504728.4	5408474.5
L4730.1	504728.4	5408475.9	5284.70020	261.47	81.99	48.829243	-86.935573	56158.21	56247.1	2.92	56161.14	56163.55469	56143.12392	56142.85547	504728.4	5408475.9
L4730.1	504728.4	5408475.9	5284.79981	259.69	78.02	48.829243	-86.935573	56158.54	56247.1	2.91	56161.46	56163.90234	56143.32627	56143.08203	504728.4	5408475.9
L4730.1	504728.5	5408477.5	5284.89990	261.14	78.02	48.829258	-86.935573	56158.96	56247.1	2.91	56161.87	56164.34375	56143.51544	56143.29297	504728.5	5408477.5
L4730.1	504728.5	5408478.7	5285.00000	260.69	78.44	48.829269	-86.935573	56159.86	56247.1	2.90	56162.76	56165.26563	56143.68567	56143.48828	504728.5	5408478.7
L4730.1	504728.5	5408480.4	5285.10010	261.76	78.44	48.829285	-86.935572	56159.29	56247.1	2.89	56162.19	56164.72656	56143.84007	56143.66797	504728.5	5408480.4
L4730.1	504728.5	5408481.7	5285.20020	261.73	88.22	48.829296	-86.935572	56159.63	56247.1	2.89	56162.51	56165.07813	56143.96957	56143.82422	504728.5	5408481.7
L4730.1	504728.5	5408481.7	5285.29981	261.15	79.59	48.829296	-86.935572	56160.23	56247.1	2.88	56163.12	56165.71875	56144.06849	56143.94922	504728.5	5408481.7
L4730.1	504728.5	5408483.5	5285.39990	260.83	83.41	48.829312	-86.935572	56160.34	56247.1	2.88	56163.21	56165.83984	56144.15083	56144.05859	504728.5	5408483.5
L4730.1	504728.5	5408484.8	5285.50000	258.87	83.41	48.829324	-86.935572	56160.23	56247.1	2.87	56163.10	56165.75781	56144.21736	56144.15234	504728.5	5408484.8
L4730.1	504728.5	5408486.1	5285.60010	259.12	83.41	48.829335	-86.935572	56161.88	56247.1	2.86	56164.75	56167.44141	56144.18324	56144.14453	504728.5	5408486.1
L4730.1	504728.5	5408487.3	5285.70020	256.44	77.68	48.829346	-86.935572	56161.97	56247.1	2.86	56164.83	56167.55078	56144.18569	56144.17578	504728.5	5408487.3
L4730.1	504728.5	5408487.3	5285.79981	256.70	77.12	48.829346	-86.935572	56161.62	56247.1	2.85	56164.47	56167.22266	56144.30344	56144.32031	504728.5	5408487.3
L4730.1	504728.5	5408488.7	5285.89990	255.44	77.12	48.829359	-86.935572	56162.46	56247.2	2.85	56165.31	56168.09375	56144.48283	56144.53125	504728.5	5408488.7
L4730.1	504728.5	5408489.9	5286.00000	245.55	76.98	48.829370	-86.935571	56162.96	56247.2	2.84	56165.80	56168.61328	56144.68334	56144.76172	504728.5	5408489.9
L4730.1	504728.5	5408491.6	5286.10010	246.83	76.98	48.829385	-86.935572	56163.28	56247.2	2.83	56166.11	56168.95703	56144.89361	56145.00000	504728.5	5408491.6
L4730.1	504728.5	5408493.1	5286.20020	257.85	82.37	48.829399	-86.935572	56162.91	56247.2	2.83	56165.74	56168.61719	56145.14694	56145.28516	504728.5	5408493.1
L4730.1	504728.5	5408494.7	5286.29981	258.41	78.54	48.829413	-86.935572	56163.70	56247.2	2.82	56166.52	56169.42969	56145.32129	56145.49219	504728.5	5408494.7
L4730.1	504728.5	5408494.7	5286.39990	257.51	78.54	48.829413	-86.935572	56163.98	56247.2	2.82	56166.79	56169.73047	56145.52730	56145.73047	504728.5	5408494.7
L4730.1	504728.5	5408495.8	5286.50000	257.13	80.17	48.829423	-86.935572	56164.22	56247.2	2.81	56167.03	56170.00000	56145.73294	56145.96875	504728.5	5408495.8
L4730.1	504728.5	5408497.3	5286.60010	254.22	80.17	48.829436	-86.935572	56164.77	56247.2	2.80	56167.57	56170.57422	56145.91616	56146.18359	504728.5	5408497.3
L4730.1	504728.5	5408498.8	5286.70020	257.63	85.58	48.829450	-86.935572	56165.29	56247.2	2.80	56168.09	56171.12500	56146.09828	56146.40234	504728.5	5408498.8
L4730.1	504728.4	5408500.4	5286.79981	243.98	85.58	48.829464	-86.935573	56164.78	56247.2	2.79	56167.57	56170.63672	56146.34725	56146.68359	504728.4	5408500.4
L4730.1	504728.4	5408501.6	5286.89990	246.39	83.11	48.829475	-86.935573	56165.46	56247.2	2.79	56168.25	56171.34766	56146.51370	56146.88672	504728.4	5408501.6
L4730.1	504728.4	5408501.6	5287.00000	245.68	88.09	48.829475	-86.935573	56166.18	56247.2	2.78	56168.96	56172.08984	56146.67560	56147.08203	504728.4	5408501.6
L4730.1	504728.4	5408503.2	5287.10010	244.86	88.09	48.829489	-86.935573	56165.95	56247.2	2.78	56168.73	56171.89453	56146.89757	56147.33984	504728.4	5408503.2
L4730.1	504728.4	5408505.0	5287.20020	245.64	76.25	48.829505	-86.935573	56166.64	56247.2	2.77	56169.42	56172.61719	56147.05558	56147.53516	504728.4	5408505.0
L4730.1	504728.4	5408505.0	5287.29981	247.22	87.8	48.829505	-86.935573	56166.98	56247.2	2.77	56169.75	56172.98047	56147.23493	56147.75000	504728.4	5408505.0

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4730.1	504728.4	5408506.6	5287.39990	246.15	87.8	48.829519	-86.935573	56167.14	56247.2	2.77	56169.91	56173.17188	56147.42291	56147.97656	504728.4	5408506.6
L4730.1	504728.4	5408508.0	5287.50000	247.08	86.73	48.829532	-86.935573	56167.46	56247.2	2.76	56170.23	56173.52344	56147.59748	56148.18750	504728.4	5408508.0
L4730.1	504728.4	5408509.4	5287.60010	250.01	72.74	48.829545	-86.935573	56167.96	56247.2	2.76	56170.72	56174.04688	56147.75793	56148.38672	504728.4	5408509.4
L4730.1	504728.4	5408510.7	5287.70020	249.13	72.74	48.829557	-86.935573	56168.36	56247.2	2.76	56171.12	56174.48047	56147.92156	56148.58984	504728.4	5408510.7
L4730.1	504728.4	5408512.2	5287.79981	247.73	80.51	48.829570	-86.935573	56168.06	56247.2	2.76	56170.82	56174.21484	56148.12899	56148.83594	504728.4	5408512.2
L4730.1	504728.4	5408512.2	5287.89990	247.39	87.55	48.829570	-86.935573	56168.98	56247.2	2.75	56171.74	56175.17188	56148.25219	56149.00000	504728.4	5408512.2
L4730.1	504728.4	5408513.5	5288.00000	247.56	82.25	48.829582	-86.935573	56169.18	56247.3	2.75	56171.93	56175.39453	56148.42112	56149.21094	504728.4	5408513.5
L4730.1	504728.4	5408514.8	5288.10010	247.36	82.25	48.829594	-86.935573	56168.96	56247.3	2.74	56171.70	56175.19922	56148.61506	56149.44531	504728.4	5408514.8
L4730.1	504728.4	5408516.2	5288.20020	249.03	85.78	48.829607	-86.935573	56169.60	56247.3	2.74	56172.34	56175.87500	56148.74797	56149.62109	504728.4	5408516.2
L4730.1	504728.4	5408517.7	5288.29981	248.47	85.78	48.829619	-86.935573	56169.75	56247.3	2.73	56172.48	56176.05078	56148.91115	56149.82422	504728.4	5408517.7
L4730.1	504728.4	5408517.7	5288.39990	251.39	81.07	48.829619	-86.935573	56169.99	56247.3	2.73	56172.71	56176.31641	56149.06523	56150.01953	504728.4	5408517.7
L4730.1	504728.4	5408519.3	5288.50000	249.90	75.48	48.829634	-86.935573	56170.68	56247.3	2.72	56173.40	56177.04297	56149.18549	56150.18359	504728.4	5408519.3
L4730.1	504728.4	5408520.7	5288.60010	252.26	75.48	48.829646	-86.935573	56170.46	56247.3	2.71	56173.17	56176.84766	56149.36389	56150.40625	504728.4	5408520.7
L4730.1	504728.4	5408522.1	5288.70020	252.67	78.71	48.829659	-86.935573	56171.36	56247.3	2.71	56174.07	56177.78516	56149.46372	56150.54688	504728.4	5408522.1
L4730.1	504728.4	5408523.4	5288.79981	251.87	78.71	48.829671	-86.935573	56171.34	56247.3	2.70	56174.04	56177.78906	56149.62228	56150.75000	504728.4	5408523.4
L4730.1	504728.4	5408523.4	5288.89990	251.99	86.48	48.829671	-86.935573	56170.93	56247.3	2.70	56173.63	56177.41797	56149.80286	56150.97656	504728.4	5408523.4
L4730.1	504728.4	5408525.0	5289.00000	261.87	86.57	48.829685	-86.935573	56171.77	56247.3	2.69	56174.46	56178.28516	56149.89740	56151.11328	504728.4	5408525.0
L4730.1	504728.4	5408526.4	5289.10010	261.20	86.58	48.829698	-86.935573	56172.07	56247.3	2.68	56174.76	56178.62500	56150.02388	56151.28516	504728.4	5408526.4
L4730.1	504728.4	5408527.9	5289.20020	260.31	86.58	48.829711	-86.935573	56172.33	56247.3	2.68	56175.01	56178.91406	56150.15024	56151.45703	504728.4	5408527.9
L4730.1	504728.4	5408529.3	5289.29981	261.63	86.53	48.829724	-86.935573	56172.65	56247.3	2.67	56175.32	56179.26172	56150.26911	56151.62109	504728.4	5408529.3
L4730.1	504728.4	5408530.9	5289.39990	260.92	86.53	48.829738	-86.935572	56172.53	56247.3	2.67	56175.20	56179.17969	56150.41311	56151.81250	504728.4	5408530.9
L4730.1	504728.4	5408530.9	5289.50000	260.96	78.71	48.829738	-86.935572	56173.41	56247.3	2.66	56176.07	56180.08984	56150.48754	56151.93359	504728.4	5408530.9
L4730.1	504728.4	5408532.1	5289.60010	259.78	74.79	48.829749	-86.935572	56172.71	56247.3	2.65	56175.36	56179.42188	56150.66367	56152.15625	504728.4	5408532.1
L4730.1	504728.4	5408533.5	5289.70020	248.82	74.79	48.829762	-86.935572	56173.86	56247.4	2.65	56176.51	56180.60938	56150.71214	56152.25000	504728.4	5408533.5
L4730.1	504728.5	5408534.8	5289.79981	248.33	79.38	48.829774	-86.935572	56174.07	56247.4	2.64	56176.71	56180.85156	56150.82023	56152.40625	504728.5	5408534.8
L4730.1	504728.4	5408536.2	5289.89990	259.21	70.82	48.829786	-86.935572	56174.32	56247.4	2.64	56176.96	56181.14453	56150.92122	56152.55469	504728.4	5408536.2
L4730.1	504728.4	5408536.2	5290.00000	258.23	71.65	48.829786	-86.935572	56174.40	56247.4	2.63	56177.03	56181.25391	56151.03041	56152.71094	504728.4	5408536.2
L4730.1	504728.5	5408538.2	5290.10010	247.50	71.65	48.829804	-86.935572	56174.30	56247.4	2.62	56176.92	56181.18750	56151.14774	56152.87500	504728.5	5408538.2
L4730.1	504728.5	5408539.2	5290.20020	246.78	79.28	48.829813	-86.935572	56174.91	56247.4	2.62	56177.52	56181.83203	56151.21385	56152.98828	504728.5	5408539.2
L4730.1	504728.5	5408540.6	5290.29981	258.38	73.84	48.829826	-86.935572	56174.22	56247.4	2.61	56176.83	56181.18359	56151.36200	56153.18359	504728.5	5408540.6
L4730.1	504728.5	5408542.3	5290.39990	258.48	73.84	48.829841	-86.935571	56174.25	56247.4	2.60	56176.85	56181.25000	56151.45881	56153.32813	504728.5	5408542.3
L4730.1	504728.5	5408543.6	5290.50000	259.63	73.69	48.829853	-86.935571	56174.30	56247.4	2.59	56176.89	56181.33594	56151.55025	56153.46875	504728.5	5408543.6
L4730.1	504728.5	5408545.1	5290.60010	259.22	73.69	48.829866	-86.935571	56175.56	56247.4	2.59	56178.14	56182.62891	56151.63009	56153.59766	504728.5	5408545.1
L4730.1	504728.5	5408545.1	5290.70020	258.87	73.99	48.829866	-86.935571	56175.34	56247.4	2.58	56177.92	56182.45703	56151.81138	56153.82813	504728.5	5408545.1
L4730.1	504728.5	5408546.7	5290.79981	258.12	73.99	48.829881	-86.935571	56174.91	56247.4	2.57	56177.48	56182.06250	56152.00889	56154.07031	504728.5	5408546.7
L4730.1	504728.5	5408548.4	5290.89990	258.98	84.52	48.829896	-86.935571	56176.04	56247.4	2.57	56178.61	56183.23828	56152.12687	56154.23828	504728.5	5408548.4
L4730.1	504728.5	5408549.8	5291.00000	260.22	84.52	48.829909	-86.935571	56175.46	56247.4	2.56	56178.02	56182.69531	56152.34385	56154.50391	504728.5	5408549.8
L4730.1	504728.5	5408549.8	5291.10010	259.05	70.82	48.829909	-86.935571	56176.72	56247.4	2.56	56179.28	56184.00391	56152.47962	56154.68750	504728.5	5408549.8
L4730.1	504728.5	5408551.4	5291.20020	262.14	70.82	48.829923	-86.935571	56176.52	56247.4	2.55	56179.07	56183.84375	56152.68635	56154.94141	504728.5	5408551.4
L4730.1	504728.6	5408552.7	5291.29981	260.80	71.58	48.829934	-86.935571	56176.42	56247.5	2.55	56178.97	56183.79297	56152.88499	56155.18750	504728.6	5408552.7
L4730.1	504728.6	5408554.4	5291.39990	260.73	71.58	48.829950	-86.935570	56177.41	56247.5	2.54	56179.95	56184.82422	56153.04247	56155.39453	504728.6	5408554.4
L4730.1	504728.6	5408554.4	5291.50000	259.84	74.94	48.829950	-86.935570	56177.21	56247.5	2.54	56179.75	56184.67578	56153.21682	56155.61719	504728.6	5408554.4
L4730.1	504728.6	5408556.0	5291.60010	256.62	71.97	48.829964	-86.935570	56177.96	56247.5	2.54	56180.50	56185.47656	56153.34685	56155.79688	504728.6	5408556.0
L4730.1	504728.6	5408557.9	5291.70020	256.31	71.97	48.829981	-86.935570	56177.26	56247.5	2.53	56179.79	56184.82031	56153.47111	56155.96875	504728.6	5408557.9
L4730.1	504728.6	5408559.3	5291.79981	256.90	72.62	48.829994	-86.935570	56177.54	56247.5	2.53	56180.07	56185.15234	56153.53562	56156.07813	504728.6	5408559.3
L4730.1	504728.6	5408559.3	5291.89990	260.29	72.62	48.829994	-86.935570	56178.22	56247.5	2.52	56180.74	56185.87500	56153.55323	56156.14453	504728.6	5408559.3
L4730.1	504728.6	5408561.2	5292.00000	260.09	72.86	48.830011	-86.935570	56177.23	56247.5	2.52	56179.75	56184.94141	56153.55601	56156.19531	504728.6	5408561.2
L4730.1	504728.6	5408562.6	5292.10010	260.76	72.86	48.830024	-86.935570	56178.08	56247.5	2.51	56180.60	56185.84375	56153.50132	56156.18750	504728.6	5408562.6
L4730.1	504728.6	5408562.6	5292.20020	258.54	72.71	48.830024	-86.935570	56178.42	56247.5	2.51	56180.93	56186.23047	56153.43917	56156.17188	504728.6	5408562.6
L4730.1	504728.6	5408564.3	5292.29981	258.37	72.71	48.830039	-86.935570	56178.89	56247.5	2.50	56181.40	56186.75781	56153.35838	56156.13672	504728.6	5408564.3
L4730.1	504728.6	5408566.0	5292.39990	259.67	72.85	48.830054	-86.935570	56178.78	56247.5	2.50	56181.28	56186.69531	56153.27891	56156.10547	504728.6	5408566.0
L4730.1	504728.6	5408567.7	5292.50000	259.86	72.85	48.830069	-86.935570	56178.67	56247.5	2.49	56181.16	56186.63281	56153.19024	56156.06250	504728.6	5408567.7
L4730.1	504728.6	5408567.7	5292.60010	259.79	83.41	48.830069	-86.935570	56179.33	56247.5	2.49	56181.82	56187.35156	56153.06694	56155.98438	504728.6	5408567.7
L4730.1	504728.6	5408568.9	5292.70020	259.51	77.53	48.830080	-86.935570	56178.20	56247.5	2.49	56180.68	56186.26953	56153.00085	56155.96484	504728.6	5408568.9
L4730.1	504728.6	5408570.3	5292.79981	258.68	77.53	48.830093	-86.935570	56178.56	56247.5	2.48	56181.04	56186.69141	56152.87613	56155.88281	504728.6	5408570.3
L4730.1	504728.5	5408572.2	5292.89990	258.29	77.91	48.830110	-86.935571	56178.54	56247.5	2.47	56181.01	56186.71875	56152.76365	56155.81641	504728.5	5408572.2
L4730.1	504728.5	5408573.4	5293.00000	256.99	77.91	48.830121	-86.935571	56178.83	56247.5	2.47	56181.30	56187.07031	56152.63432	56155.73047	504728.5	5408573.4
L4730.1	504728.5	5408573.4	5293.10010	257.78	83.2	48.830121	-86.935571	56177.98	56247.5	2.46	56180.44	56186.27344	56152.56203	56155.70313	504728.5	5408573.4
L4730.1	504728.5	5408574.6	5293.20020	256.95	83.2	48.830131	-86.935571	56178.96	56247.5	2.46	56181.41	56187.30859	56152.39611	56155.58203	504728.5	5408574.6
L4730.1	504728.5	5408576.0	5293.29981	255.66	83.1	48.830144	-86.935571	56178.26	56247.6	2.45	56180.71	56186.67188	56152.32690	56155.55469	504728.5	5408576.0
L4730.1	504728.5	5408577.4	5293.39990	255.13	72.11	48.830157	-86.935571	56179.34	56247.6	2.44	56181.78	56187.80469	56152.16686	56155.43750	504728.5	5408577.4
L4730.1	504728.5	5408578.5	5293.50000	254.90	77.17	48.830166	-86.935571	56179.50	56247.6	2.43	56181.94	56188.03125	56152.07395	56155.38672	504728.5	5408578.5
L4730.1	504728.4	5408579.8	5293.60010	256.98	77.17	48.830178	-86.935572	56178.89	56247.6	2.43	56181.32	56187.47656	56152.04842	56155.40234	504728.4	5408579.8
L4730.1	504728.4	5408579.8	5293.70020	256.84	69.46	48.830178	-86.935572	56178.91	56247.6	2.42	56181.33	56187.55078	56152.00897	56155.40234	504728.4	5408579.8
L4730.1	504728.4	5408582.3	5293.79981	258.52	69.46	48.830201	-86.935572	56178.16	56247.6	2.41	56180.57	56186.85938	56152.04211	56155.47656	504728.4	5408582.3
L4730.1	504728.4	5408583.5	5293.89990	257.97	69.29	48.830211	-86.935573	56178.81	56247.6	2.41	56181.22	56187.57813	56152.02493	56155.50000	504728.4	5408583.5
L4730.1	504728.4	5408583.5	5294.00000	257.02	77.58	48.830211	-86.935573	56177.92	56247.6	2.40	56180.32	56186.74609	56152.11995	56155.63672	504728.4	5408583.5
L4730.1	504728.3	5408584.8	5294.10010	258.03	77.58	48.830223	-86.935573	56178.84	56247.6	2.40	56181.24	56187.73438	56152.15163	56155.70703	504728.3	5408584.8
L4730.1	504728.3	5408586.1	5294.20020	257.66	70.05	48.830235	-86.935574	56178.45	56247.6	2.39	56180.84	56187.40625	56152.26772	56155.85938	504728.3	5408586.1
L4730.1	504728.3	5408587.1	5294.29981	258.23	70.05	48.830244	-86.935574	56178.56	56247.6	2.39	56180.95	56187.58594	56152.38198	56156.01172	504728.3	5408587.1
L4730.1	504728.2	5408588.6	5294.39990	249.36	70.96	48.830258	-86.935575	56178.40	56247.6	2.38	56180.78	56187.48828	56152.51623	56156.18359	504728.2	5408588.6
L4730.1	504728.2	5408588.6	5294.50000	248.66	70.5	48.830258	-86.935575	56178.01	56247.6	2.38	56180.39	56187.17188	56152.65563	56156.35938	504728.2	5408588.6
L4730.1	504728.2	5408590.4	5294.60010	258.03	71.99	48.830274	-86.935575	56177.69	56247.6	2.38	56180.06	56186.91406	56152.78483	56156.52344	504728.2	5408590.4
L4730.1	504728.2	5408591.7	5294.70020	258.47	71.99	48.830286	-86.935575	56178.27	56247.6	2.37	56180.65	56187.57813	56152.90041	56156.67578	504728.2	5408591.7
L4730.1	504728.1	5408592.8	5294.79981	258.92	67.72	48.830295	-86.935576	56176.54	56247.6	2.37	56178.91	56185.91016	56152.98365	56156.79297	504728.1	5408592.8
L4730.1	504728.1	5408595.1	5294.89990	259.54	67.72	48.830316	-86.935576	56177.54	56247.6	2.36	56179.90	56186.97656	56153.07366	56156.91797	504728.1	5408595.1
L4730.1	504728.1	5408595.1	5295.00000	261.58	67.79	48.830316	-86.935576	56177.74	56247.6	2.36	56180.10	56187.25391	56153.13575	56157.01172	504728.1	5408595.1
L4730.1	504728.0	5408596.5	5295.10010	263.86	68.83	48.830329	-86.935577	56177.16	56247.6	2.36	56179.51	56186.73828	56153.15101	56157.06250	504728.0	5408596.5
L4730.1	504728.0	5408597.9	5295.20020	264.58	68.83	48.830341	-86.935577	56176.95	56247.6	2.35	56179.31	56186.61719	56153.14722	56157.08984	504728.0	5408597.9
L4730.1	504728.0	5408599.3	5295.29981	266.96	79.15	48.830354	-86.935578	56177.41	56247.6	2.35	56179.76	56187.14453	56153.13863	56157.11328	504728.0	5408599.3
L4730.1	504728.0	5408600.5	5295.39990	267.07	69.68	48.830364	-86.935578	56175.96	56247.7	2.35	56178.31	56185.77344	56153.02090	56157.02344	504728.0	5408600.5
L4730.1	504728.0	5408602.1	5295.50000	266.01	69.68	48.830379	-86.935578	56176.49	56247.7	2.35	56178.84	56186.38281	56152.95362	56156.98828	504728.0	5408602.1
L4730.1	504728.0	5408602.1	5295.60010	265.70	67.52	48.830379	-86.935578	56176.51	56247.7	2.34	56178.85	56186.46875	56152.83335	56156.89453	504728.0	5408602.1
L4730.1	504727.9	5408604.0	5295.70020	248.47	67.52	48.830396	-86.935578	56176.21	56247.7	2.34	56178.55	56186.25000	56152.66984	56156.76172	504727.9	5408604.0
L4730.1	504727.9	5408604.0	5295.79981	248.92	69.47	48.830396	-86.935578	56176.29	56247.7	2.34	56178.63	56186.41016	56152.49673	56156.61328	504727.9	5408604.0
L4730.1	504727.9	5408605.6	5295.89990	262.54	69.47	48.830410	-86.935578	56175.87	56247.7	2.33	56178.20	56186.06250	56152.27306	56156.41797	504727.9	5408605.6
L4730.1	504727.9	5408607.0	5296.00000	261.53	76.96	48.830423	-86.935578	56175.16	56247.7	2.33	56177.49	56185.43359	56152.01041	56156.17969	504727.9	5408607.0
L4730.1	504727.9	5408608.4	5296.10010	259.93	76.96	48.830435	-86.935578	56175.15	56247.7	2.33	56177.47	56185.49609	56151.74749	56155.94531	504727.9	5408608.4
L4730.1	504727.9	5408608.4	5296.20020	260.20	79.35	48.830435	-86.935578	56175.46	56247.7	2.32	56177.78	56185.89063	56151.45771	56155.67969	504727.9	5408608.4
L4730.1	504728.0	5408610.0	5296.29981	260.16	79.35	48.830450	-86.935578	56174.91	56247.7	2.32	56177.22	56185.41406	56151.09864	56155.34375	504728.0	5408610.0
L4730.1	504728.0	5408611.7	5296.39990	260.57	73.54	48.830465	-86.935578	56174.45	56247.7	2.31	56176.75	56185.02734	56150.70331	56154.96875	504728.0	5408611.7
L4730.1	504728.0	5408613.6	5296.50000	258.91	73.54	48.830482	-86.935578	56174.38	56247.7	2.31	56176.68	56185.04297	56150.27180	56154.56250	504728.0	5408613.6
L4730.1	504728.0	5408613.6	5296.60010	257.88	78.81	48.830482	-86.935578	56173.84	56247.7	2.30	56176.14	56184.58984	56149.79429	56154.10547	504728.0	5408613.6

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4730.1	504727.9	5408615.1	5296.70020	256.13	68.61	48.830496	-86.935578	56173.56	56247.7	2.29	56175.85	56184.38281	56149.28528	56153.61719	504727.9	5408615.1
L4730.1	504727.9	5408616.5	5296.79981	259.00	68.61	48.830509	-86.935578	56173.18	56247.7	2.29	56175.47	56184.08984	56148.75337	56153.10547	504727.9	5408616.5
L4730.1	504727.9	5408617.9	5296.89990	257.65	68.61	48.830521	-86.935578	56173.06	56247.7	2.28	56175.35	56184.05469	56148.19851	56152.56641	504727.9	5408617.9
L4730.1	504727.9	5408617.9	5297.00000	257.17	69.98	48.830521	-86.935578	56172.31	56247.7	2.28	56174.58	56183.37500	56147.65922	56152.04688	504727.9	5408617.9
L4730.1	504727.9	5408619.3	5297.10010	261.67	67.38	48.830533	-86.935578	56172.29	56247.7	2.28	56174.56	56183.44141	56147.07923	56151.48438	504727.9	5408619.3
L4730.1	504727.9	5408620.9	5297.20020	261.94	67.38	48.830548	-86.935578	56171.82	56247.7	2.27	56174.09	56183.05859	56146.71587	56151.13672	504727.9	5408620.9
L4730.1	504727.9	5408622.6	5297.29981	261.77	65.24	48.830563	-86.935578	56171.74	56247.7	2.26	56174.01	56183.06641	56146.46644	56150.90234	504727.9	5408622.6
L4730.1	504727.9	5408624.0	5297.39990	257.93	65.24	48.830576	-86.935578	56172.13	56247.7	2.26	56174.39	56183.53516	56146.18126	56150.63281	504727.9	5408624.0
L4730.1	504727.9	5408624.0	5297.50000	258.23	63.88	48.830576	-86.935578	56170.29	56247.7	2.26	56172.55	56181.78516	56146.03903	56150.50391	504727.9	5408624.0
L4730.1	504727.9	5408625.4	5297.60010	257.10	63.88	48.830589	-86.935578	56170.64	56247.8	2.25	56172.89	56182.21484	56145.74643	56150.22656	504727.9	5408625.4
L4730.1	504727.9	5408627.1	5297.70020	257.31	64.69	48.830604	-86.935578	56170.65	56247.8	2.25	56172.90	56182.31250	56145.47080	56149.96484	504727.9	5408627.1
L4730.1	504727.9	5408628.3	5297.79981	247.26	64.69	48.830614	-86.935578	56169.85	56247.8	2.24	56172.09	56181.59375	56145.24483	56149.75000	504727.9	5408628.3
L4730.1	504727.9	5408628.3	5297.89990	247.45	64.13	48.830614	-86.935578	56169.43	56247.8	2.24	56171.67	56181.26563	56144.98787	56149.50391	504727.9	5408628.3
L4730.1	504727.9	5408629.8	5298.00000	246.79	68.1	48.830628	-86.935578	56169.75	56247.8	2.23	56171.98	56181.66406	56144.67726	56149.20313	504727.9	5408629.8
L4730.1	504727.9	5408631.1	5298.10010	246.85	70.41	48.830640	-86.935578	56169.74	56247.8	2.23	56171.96	56181.73438	56144.38370	56148.91797	504727.9	5408631.1
L4730.1	504728.0	5408632.8	5298.20020	249.06	70.41	48.830655	-86.935578	56168.24	56247.8	2.22	56170.46	56180.32813	56144.18384	56148.73047	504728.0	5408632.8
L4730.1	504728.0	5408632.8	5298.29981	249.64	65.12	48.830655	-86.935578	56168.48	56247.8	2.22	56170.69	56180.64844	56143.86372	56148.41797	504728.0	5408632.8
L4730.1	504728.0	5408635.3	5298.39990	251.97	65.12	48.830678	-86.935577	56168.56	56247.8	2.21	56170.76	56180.81250	56143.54933	56148.10938	504728.0	5408635.3
L4730.1	504728.0	5408635.3	5298.50000	250.17	63.02	48.830678	-86.935577	56168.00	56247.8	2.21	56170.20	56180.34375	56143.27203	56147.83984	504728.0	5408635.3
L4730.1	504728.0	5408636.5	5298.60010	252.96	60.68	48.830689	-86.935577	56167.41	56247.8	2.20	56169.61	56179.84375	56142.99183	56147.56641	504728.0	5408636.5
L4730.1	504728.0	5408638.4	5298.70020	251.66	60.68	48.830706	-86.935577	56167.04	56247.8	2.19	56169.24	56179.56641	56142.69206	56147.26953	504728.0	5408638.4
L4730.1	504728.0	5408639.8	5298.79981	250.42	62.92	48.830718	-86.935577	56166.82	56247.8	2.19	56169.01	56179.42969	56142.37808	56146.96094	504728.0	5408639.8
L4730.1	504728.0	5408639.8	5298.89990	251.07	67.51	48.830718	-86.935577	56165.95	56247.8	2.18	56168.13	56178.64063	56142.10255	56146.69141	504728.0	5408639.8
L4730.1	504728.1	5408641.2	5299.00000	251.44	65.88	48.830731	-86.935576	56165.37	56247.8	2.18	56167.55	56178.15625	56141.80215	56146.39453	504728.1	5408641.2
L4730.1	504728.1	5408642.5	5299.10010	249.45	65.88	48.830742	-86.935576	56164.88	56247.8	2.17	56167.06	56177.75781	56141.49088	56146.08594	504728.1	5408642.5
L4730.1	504728.1	5408642.5	5299.20020	250.13	64.76	48.830742	-86.935576	56165.06	56247.8	2.16	56167.22	56178.01172	56141.13142	56145.73047	504728.1	5408642.5
L4730.1	504728.1	5408644.4	5299.29981	251.48	65.86	48.830759	-86.935576	56164.18	56247.8	2.16	56166.34	56177.22266	56140.83644	56145.43750	504728.1	5408644.4
L4730.1	504728.1	5408646.0	5299.29981	251.48	65.86	48.830774	-86.935576	56164.76	56247.8	2.16	56166.91	56177.88672	56140.43994	56145.03906	504728.1	5408646.0
L4730.1	504728.1	5408647.4	5299.39990	250.94	69.4	48.830786	-86.935576	56163.04	56247.9	2.15	56165.19	56176.26172	56140.19125	56144.79297	504728.1	5408647.4
L4730.1	504728.1	5408648.8	5299.60010	249.00	65.01	48.830799	-86.935575	56163.12	56247.9	2.13	56165.25	56176.41406	56139.81905	56144.42188	504728.1	5408648.8
L4730.1	504728.1	5408649.7	5299.70020	248.22	65.01	48.830807	-86.935575	56163.68	56247.9	2.12	56165.80	56177.05859	56139.40934	56144.01172	504728.1	5408649.7
L4730.1	504728.1	5408649.7	5299.79981	246.54	63.74	48.830807	-86.935575	56162.71	56247.9	2.12	56164.83	56176.17969	56139.09611	56143.69531	504728.1	5408649.7
L4730.1	504728.1	5408651.4	5299.89990	247.00	64.58	48.830822	-86.935575	56162.05	56247.9	2.11	56164.16	56175.60547	56138.75802	56143.35547	504728.1	5408651.4
L4730.1	504728.2	5408652.8	5300.00000	248.82	64.58	48.830835	-86.935575	56161.20	56247.9	2.10	56163.30	56174.83984	56138.42774	56143.02344	504728.2	5408652.8
L4730.1	504728.2	5408654.2	5300.10010	250.39	58.71	48.830847	-86.935575	56161.19	56247.9	2.09	56163.28	56174.91016	56138.03660	56142.63281	504728.2	5408654.2
L4730.1	504728.2	5408655.4	5300.20020	248.82	64.41	48.830858	-86.935575	56160.48	56247.9	2.09	56162.57	56174.29688	56137.68659	56142.27734	504728.2	5408655.4
L4730.1	504728.2	5408656.3	5300.29981	246.77	65.82	48.830867	-86.935574	56159.75	56247.9	2.08	56161.83	56173.64844	56137.33369	56141.92188	504728.2	5408656.3
L4730.1	504728.2	5408657.8	5300.39990	247.22	65.82	48.830880	-86.935574	56159.32	56247.9	2.08	56161.40	56173.31250	56136.95523	56141.54297	504728.2	5408657.8
L4730.1	504728.2	5408658.8	5300.50000	247.79	62.54	48.830889	-86.935574	56158.57	56247.9	2.07	56160.64	56172.64453	56136.59387	56141.17578	504728.2	5408658.8
L4730.1	504728.2	5408660.1	5300.60010	247.95	62.54	48.830901	-86.935574	56158.62	56247.9	2.06	56160.68	56172.77734	56136.17426	56140.75391	504728.2	5408660.1
L4730.1	504728.2	5408661.4	5300.70020	246.87	62.18	48.830912	-86.935573	56157.95	56247.9	2.06	56160.00	56172.19141	56135.79771	56140.37109	504728.2	5408661.4
L4730.1	504728.2	5408661.4	5300.79981	250.23	67.78	48.830912	-86.935573	56157.86	56247.9	2.05	56159.91	56172.19531	56135.37687	56139.94531	504728.2	5408661.4
L4730.1	504728.3	5408663.0	5300.89990	249.73	62.61	48.830926	-86.935573	56157.40	56248	2.05	56159.44	56171.81641	56134.97640	56139.54297	504728.3	5408663.0
L4730.1	504728.3	5408664.7	5301.00000	249.53	62.61	48.830942	-86.935572	56157.32	56248	2.04	56159.36	56171.83203	56134.54492	56139.10547	504728.3	5408664.7
L4730.1	504728.3	5408664.7	5301.10010	248.74	65.92	48.830942	-86.935572	56156.54	56248	2.03	56158.57	56171.13281	56134.15577	56138.71094	504728.3	5408664.7
L4730.1	504728.4	5408667.6	5301.20020	248.33	65.92	48.830968	-86.935572	56156.62	56248	2.03	56158.64	56171.29688	56133.70423	56138.25391	504728.4	5408667.6
L4730.1	504728.4	5408667.6	5301.29981	249.04	58.66	48.830968	-86.935572	56154.90	56248	2.02	56156.92	56169.66797	56133.36696	56137.91016	504728.4	5408667.6
L4730.1	504728.4	5408668.8	5301.39990	246.81	60.39	48.830979	-86.935571	56155.10	56248	2.02	56157.12	56169.96094	56132.89659	56137.43359	504728.4	5408668.8
L4730.1	504728.4	5408670.3	5301.50000	248.46	60.39	48.830993	-86.935571	56154.80	56248	2.01	56156.81	56169.74219	56132.45509	56136.98828	504728.4	5408670.3
L4730.1	504728.5	5408671.8	5301.60010	248.11	63.69	48.831006	-86.935570	56154.06	56248	2.00	56156.06	56169.08203	56132.03777	56136.56641	504728.5	5408671.8
L4730.1	504728.5	5408671.8	5301.70020	250.20	62.67	48.831006	-86.935570	56152.92	56248	2.00	56154.92	56168.03516	56131.64125	56136.16406	504728.5	5408671.8
L4730.1	504728.5	5408673.6	5301.79981	246.81	62.67	48.831023	-86.935570	56152.83	56248	1.99	56154.82	56168.02734	56131.17018	56135.68750	504728.5	5408673.6
L4730.1	504728.5	5408675.4	5301.89990	249.14	61.19	48.831039	-86.935570	56152.60	56248	1.99	56154.58	56167.87891	56130.70317	56135.21484	504728.5	5408675.4
L4730.1	504728.5	5408676.5	5302.00000	246.41	61.19	48.831048	-86.935570	56151.98	56248	1.98	56153.96	56167.34766	56130.25620	56134.76172	504728.5	5408676.5
L4730.1	504728.5	5408677.8	5302.10010	244.56	62.55	48.831060	-86.935570	56151.13	56248	1.97	56153.10	56166.57813	56129.81989	56134.31641	504728.5	5408677.8
L4730.1	504728.5	5408677.8	5302.20020	245.84	65.73	48.831060	-86.935570	56151.08	56248	1.97	56153.05	56166.61719	56129.32420	56133.81641	504728.5	5408677.8
L4730.1	504728.5	5408679.0	5302.29981	248.84	65.73	48.831071	-86.935570	56150.62	56248	1.96	56152.58	56166.23828	56128.85109	56133.33984	504728.5	5408679.0
L4730.1	504728.5	5408680.5	5302.39990	250.09	57.72	48.831084	-86.935570	56149.46	56248	1.96	56151.41	56165.15625	56128.41918	56132.90234	504728.5	5408680.5
L4730.1	504728.5	5408681.9	5302.50000	250.56	58.71	48.831097	-86.935570	56149.12	56248.1	1.95	56151.07	56164.90625	56127.92643	56132.40234	504728.5	5408681.9
L4730.1	504728.5	5408683.2	5302.60010	249.19	61.67	48.831109	-86.935570	56149.13	56248.1	1.94	56151.08	56165.00781	56127.40479	56131.87500	504728.5	5408683.2
L4730.1	504728.5	5408684.7	5302.70020	246.88	61.67	48.831122	-86.935570	56147.32	56248.1	1.94	56149.25	56163.26563	56127.00022	56131.46875	504728.5	5408684.7
L4730.1	504728.5	5408686.1	5302.79981	246.51	69	48.831135	-86.935570	56147.53	56248.1	1.93	56149.46	56163.56250	56126.45398	56130.91797	504728.5	5408686.1
L4730.1	504728.5	5408686.1	5302.89990	247.53	57.89	48.831135	-86.935570	56146.83	56248.1	1.93	56148.76	56162.94922	56125.96271	56130.42188	504728.5	5408686.1
L4730.1	504728.5	5408688.1	5303.00000	247.30	57.89	48.831153	-86.935570	56146.47	56248.1	1.92	56148.39	56162.66797	56125.44368	56129.89844	504728.5	5408688.1
L4730.1	504728.5	5408689.3	5303.10010	245.94	69.32	48.831164	-86.935570	56145.83	56248.1	1.91	56147.75	56162.11328	56124.93684	56129.39063	504728.5	5408689.3
L4730.1	504728.5	5408689.3	5303.20020	245.87	69.32	48.831164	-86.935570	56144.98	56248.1	1.91	56146.89	56161.33984	56124.43879	56128.88672	504728.5	5408689.3
L4730.1	504728.4	5408690.7	5303.29981	245.93	57.01	48.831176	-86.935570	56144.52	56248.1	1.90	56146.42	56160.95703	56123.90881	56128.35547	504728.4	5408690.7
L4730.1	504728.4	5408692.1	5303.39990	246.42	57.01	48.831188	-86.935571	56143.52	56248.1	1.90	56145.41	56160.03125	56123.40885	56127.85156	504728.4	5408692.1
L4730.1	504728.4	5408694.2	5303.50000	247.84	56.02	48.831207	-86.935570	56143.62	56248.1	1.89	56145.51	56160.21875	56122.82882	56127.26953	504728.4	5408694.2
L4730.1	504728.4	5408695.4	5303.60010	247.44	56.02	48.831218	-86.935570	56142.66	56248.1	1.88	56144.54	56159.33203	56122.31402	56126.75391	504728.4	5408695.4
L4730.1	504728.5	5408696.8	5303.70020	246.41	56.03	48.831231	-86.935570	56141.96	56248.1	1.88	56143.84	56158.71875	56121.77503	56126.21484	504728.5	5408696.8
L4730.1	504728.5	5408696.8	5303.79981	246.49	63.92	48.831231	-86.935570	56141.46	56248.1	1.87	56143.34	56158.30078	56121.21645	56125.65625	504728.5	5408696.8
L4730.1	504728.5	5408698.2	5303.89990	246.37	63.92	48.831244	-86.935570	56140.46	56248.1	1.87	56142.33	56157.37500	56120.68556	56125.12500	504728.5	5408698.2
L4730.1	504728.5	5408698.2	5304.00000	246.70	57.32	48.831244	-86.935570	56139.88	56248.1	1.86	56141.74	56156.86719	56120.12027	56124.56250	504728.5	5408698.2
L4730.1	504728.5	5408700.9	5304.10010	248.01	57.32	48.831267	-86.935570	56139.48	56248.1	1.85	56141.34	56156.54688	56119.53585	56123.98047	504728.5	5408700.9
L4730.1	504728.5	5408700.9	5304.20020	247.87	57.53	48.831267	-86.935570	56138.86	56248.2	1.84	56140.70	56155.98828	56118.96088	56123.40625	504728.5	5408700.9
L4730.1	504728.5	5408702.2	5304.29981	248.79	58.67	48.831279	-86.935569	56138.41	56248.2	1.84	56140.24	56155.60938	56118.36731	56122.81641	504728.5	5408702.2
L4730.1	504728.5	5408703.7	5304.39990	248.08	58.67	48.831293	-86.935569	56137.29	56248.2	1.83	56139.12	56154.57031	56117.81103	56122.26172	504728.5	5408703.7
L4730.1	504728.6	5408705.0	5304.50000	247.70	57.77	48.831305	-86.935569	56136.78	56248.2	1.82	56138.60	56154.12891	56117.20799	56121.66406	504728.6	5408705.0
L4730.1	504728.6	5408706.4	5304.60010	247.63	59.81	48.831317	-86.935568	56136.28	56248.2	1.81	56138.09	56153.69531	56116.59743	56121.05859	504728.6	5408706.4
L4730.1	504728.6	5408707.8	5304.70020	245.98	59.81	48.831330	-86.935568	56135.63	56248.2	1.80	56137.43	56153.11328	56115.98994	56120.45703	504728.6	5408707.8
L4730.1	504728.6	5408707.8	5304.79981	247.76	56.18	48.831330	-86.935568	56134.76	56248.2	1.80	56136.56	56152.32031	56115.38943	56119.86328	504728.6	5408707.8
L4730.1	504728.6	5408709.2	5304.89990	248.74	68.94	48.831342	-86.935568	56134.11	56248.2	1.79	56135.89	56151.72656	56114.76850	56119.25000	504728.6	5408709.2
L4730.1	504728.7	5408710.6	5305.00000	249.63	69.01	48.831355	-86.935567	56133.82	56248.2	1.78	56135.60	56151.51172	56114.11507	56118.60547	504728.7	5408710.6
L4730.1	504728.7	5408712.2	5305.10010	250.15	69.01	48.831370	-86.935567	56132.81	56248.2	1.77	56134.58	56150.56641	56113.50304	56118.00000	504728.7	5408712.2
L4730.1	504728.7	5408712.2	5305.20020	250.23	56.76	48.831370	-86.935567	56132.39	56248.2	1.76	56134.15	56150.21094	56112.84434	56117.35156	504728.7	5408712.2
L4730.1	504728.7	5408714.0	5305.29981	247.77	56.76	48.831386	-86.935567	56131.22	56248.2	1.75	56132.97	56149.10547	56112.22823	56116.74609	504728.7	5408714.0
L4730.1	504728.7	5408715.3	5305.39990	246.80	57.38	48.831398	-86.935566	56130.51	56248.3	1.74	56132.25	56148.45703	56111.57395	56116.10547	504728.7	5408715.3
L4730.1	504728.7	5408716.5	5305.50000	247.50	56.42	48.831408	-86.935566	56129.73	56248.3	1.74	56131.47	56147.74609	56110.91610	56115.46094	504728.7	5408716.5
L4730.1	504728.7	5408717.7	5305.60010	248.31	56.42	48.831419	-86.935566	56128.84	56248.3	1.73	56130.57	56146.91797	56110.25860	56114.81641	504728.7	5408717.7
L4730.1	504728.8	5408719.2	5305.70020	248.41	56.16	48.831433	-86.935566	56128.00	56248.3	1.72	56129.72	56146.13672	56109.59004	56114.16016	504728.8	5408719.2
L4730.1	504728.8	5408720.6	5305.79981	250.46	56.16	48.831445	-86.935566	56127.13	56248.3	1.71	56128.84	56145.32422	56108.91568	56113.50391	504728.8	5408720.6
L4730.1	504728.8	5408720.6	5305.89990	250.75	56.54	48.831445	-86.935566	56126.82	56248.3	1.70	56128.51	56145.06250	56108.19678	56112.80078	504728.8	5408720.6

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4730.1	504728.8	5408722.3	5306.00000	251.48	58.01	48.831460	-86.935565	56126.06	56248.3	1.69	56127.75	56144.36719	56107.49861	56112.12109	504728.8	5408722.3
L4730.1	504728.8	5408723.8	5306.10010	249.96	58.01	48.831474	-86.935565	56125.48	56248.3	1.68	56127.16	56143.83984	56106.78110	56111.42188	504728.8	5408723.8
L4730.1	504728.8	5408725.1	5306.20020	247.95	55.72	48.831485	-86.935565	56124.44	56248.3	1.67	56126.11	56142.85547	56106.08618	56110.74609	504728.8	5408725.1
L4730.1	504728.8	5408726.5	5306.29981	247.46	55.72	48.831498	-86.935565	56122.62	56248.3	1.66	56124.28	56141.08594	56105.43515	56110.11328	504728.8	5408726.5
L4730.1	504728.8	5408726.5	5306.39990	246.84	67.14	48.831498	-86.935565	56122.57	56248.3	1.65	56124.22	56141.08984	56104.65792	56109.35938	504728.8	5408726.5
L4730.1	504728.8	5408728.2	5306.50000	260.05	64.25	48.831513	-86.935565	56120.72	56248.4	1.64	56122.36	56139.28906	56103.99247	56108.71484	504728.8	5408728.2
L4730.1	504728.8	5408729.6	5306.60010	258.91	64.25	48.831526	-86.935565	56120.47	56248.4	1.63	56122.10	56139.08594	56103.21207	56107.96094	504728.8	5408729.6
L4730.1	504728.8	5408729.6	5306.70020	259.61	63.36	48.831526	-86.935565	56119.25	56248.4	1.62	56120.87	56137.91406	56102.48802	56107.26172	504728.8	5408729.6
L4730.1	504728.8	5408730.9	5306.79981	260.12	59.2	48.831538	-86.935565	56117.89	56248.4	1.61	56119.50	56136.60156	56101.76495	56106.56250	504728.8	5408730.9
L4730.1	504728.8	5408732.2	5306.89990	259.51	59.2	48.831550	-86.935565	56117.43	56248.4	1.60	56119.03	56136.18359	56100.97349	56105.79688	504728.8	5408732.2
L4730.1	504728.8	5408734.1	5307.00000	260.75	58.23	48.831567	-86.935566	56116.81	56248.4	1.59	56118.40	56135.60938	56100.18429	56105.03516	504728.8	5408734.1
L4730.1	504728.7	5408735.2	5307.10010	258.43	47.84	48.831576	-86.935566	56115.76	56248.4	1.58	56117.34	56134.60156	56099.54907	56104.42969	504728.7	5408735.2
L4730.1	504728.7	5408736.7	5307.20020	260.00	47.84	48.831590	-86.935566	56114.63	56248.4	1.58	56116.20	56133.51172	56098.95538	56103.86719	504728.7	5408736.7
L4730.1	504728.7	5408736.7	5307.29981	259.35	51.5	48.831590	-86.935566	56113.34	56248.4	1.57	56114.90	56132.25781	56098.34000	56103.28125	504728.7	5408736.7
L4730.1	504728.7	5408738.0	5307.39990	258.36	51.5	48.831601	-86.935566	56112.05	56248.4	1.56	56113.61	56131.01563	56097.69428	56102.66797	504728.7	5408738.0
L4730.1	504728.7	5408739.6	5307.50000	257.88	55.33	48.831616	-86.935566	56110.96	56248.4	1.55	56112.51	56129.96094	56097.01584	56102.02344	504728.7	5408739.6
L4730.1	504728.7	5408740.9	5307.60010	261.33	54.35	48.831627	-86.935567	56110.36	56248.5	1.55	56111.91	56129.40625	56096.30680	56101.34766	504728.7	5408740.9
L4730.1	504728.7	5408741.9	5307.70020	249.05	66.9	48.831637	-86.935567	56109.02	56248.5	1.54	56110.56	56128.09766	56095.58411	56100.66016	504728.7	5408741.9
L4730.1	504728.6	5408743.1	5307.79981	250.50	66.9	48.831648	-86.935567	56107.39	56248.5	1.53	56108.92	56126.50000	56094.83470	56099.94922	504728.6	5408743.1
L4730.1	504728.6	5408744.4	5307.89990	261.49	57.52	48.831659	-86.935567	56106.33	56248.5	1.53	56107.86	56125.47656	56094.06222	56099.21484	504728.6	5408744.4
L4730.1	504728.6	5408745.9	5308.00000	263.23	57.52	48.831672	-86.935568	56106.23	56248.5	1.52	56107.75	56125.40234	56093.28241	56098.47266	504728.6	5408745.9
L4730.1	504728.6	5408745.9	5308.10010	261.82	66.92	48.831672	-86.935568	56103.84	56248.5	1.51	56105.35	56123.03906	56092.45401	56097.68359	504728.6	5408745.9
L4730.1	504728.6	5408747.5	5308.20020	264.62	66.22	48.831687	-86.935568	56102.76	56248.5	1.50	56104.26	56121.98047	56091.62537	56096.89453	504728.6	5408747.5
L4730.1	504728.5	5408749.1	5308.29981	263.77	66.22	48.831701	-86.935568	56101.02	56248.5	1.49	56102.51	56120.26172	56090.76438	56096.07422	504728.5	5408749.1
L4730.1	504728.5	5408750.6	5308.39990	262.45	65.74	48.831715	-86.935569	56100.28	56248.5	1.48	56101.76	56119.54297	56089.91052	56095.26563	504728.5	5408750.6
L4730.1	504728.5	5408752.0	5308.50000	261.03	66.03	48.831727	-86.935569	56098.14	56248.5	1.46	56099.61	56117.41797	56089.00442	56094.40234	504728.5	5408752.0
L4730.1	504728.5	5408753.4	5308.60010	260.24	66.03	48.831740	-86.935570	56096.56	56248.5	1.45	56098.02	56115.85547	56088.09853	56093.53906	504728.5	5408753.4
L4730.1	504728.5	5408753.4	5308.70020	250.47	62.13	48.831740	-86.935570	56095.63	56248.6	1.44	56097.07	56114.92969	56087.19974	56092.68750	504728.5	5408753.4
L4730.1	504728.4	5408755.0	5308.79981	250.59	65.83	48.831755	-86.935570	56094.04	56248.6	1.43	56095.47	56113.34766	56086.27041	56091.80469	504728.4	5408755.0
L4730.1	504728.4	5408756.7	5308.89990	264.59	65.83	48.831770	-86.935570	56092.52	56248.6	1.42	56093.94	56111.83984	56085.33330	56090.91406	504728.4	5408756.7
L4730.1	504728.4	5408758.0	5309.00000	264.47	65.72	48.831781	-86.935570	56090.77	56248.6	1.41	56092.18	56110.09375	56084.37987	56090.01172	504728.4	5408758.0
L4730.1	504728.4	5408758.0	5309.10010	265.92	65.69	48.831781	-86.935570	56088.88	56248.6	1.40	56090.28	56108.21094	56083.41399	56089.09375	504728.4	5408758.0
L4730.1	504728.4	5408759.8	5309.20020	263.29	65.69	48.831798	-86.935571	56087.89	56248.6	1.39	56089.29	56107.23438	56082.47007	56088.19922	504728.4	5408759.8
L4730.1	504728.3	5408761.1	5309.29981	260.63	65.46	48.831809	-86.935571	56085.74	56248.6	1.38	56087.12	56105.07422	56081.48246	56087.26172	504728.3	5408761.1
L4730.1	504728.3	5408762.8	5309.39990	260.06	65.46	48.831824	-86.935571	56084.65	56248.6	1.37	56086.02	56103.98047	56080.52242	56086.35547	504728.3	5408762.8
L4730.1	504728.3	5408762.8	5309.50000	260.55	65.66	48.831824	-86.935571	56082.25	56248.6	1.37	56083.61	56101.57813	56079.51797	56085.40234	504728.3	5408762.8
L4730.1	504728.3	5408764.2	5309.60010	261.22	64.28	48.831837	-86.935571	56080.18	56248.6	1.36	56081.53	56099.50000	56078.52041	56084.46094	504728.3	5408764.2
L4730.1	504728.3	5408765.6	5309.70020	259.12	64.28	48.831850	-86.935572	56079.57	56248.7	1.35	56080.91	56098.87891	56077.55991	56083.55469	504728.3	5408765.6
L4730.1	504728.3	5408767.1	5309.79981	259.12	65.58	48.831863	-86.935572	56077.02	56248.7	1.34	56078.35	56096.32031	56076.54445	56082.59375	504728.3	5408767.1
L4730.1	504728.3	5408768.2	5309.89990	261.42	65.47	48.831874	-86.935572	56075.45	56248.7	1.33	56076.77	56094.73438	56075.55327	56081.65625	504728.3	5408768.2
L4730.1	504728.3	5408768.2	5310.00000	261.35	65.66	48.831874	-86.935572	56073.44	56248.7	1.32	56074.76	56092.71875	56074.55166	56080.71094	504728.3	5408768.2
L4730.1	504728.3	5408769.4	5310.10010	260.56	65.66	48.831884	-86.935572	56071.32	56248.7	1.31	56072.63	56090.58203	56073.54932	56079.76953	504728.3	5408769.4
L4730.1	504728.3	5408769.4	5310.20020	262.69	65.37	48.831884	-86.935572	56069.68	56248.7	1.30	56070.98	56088.91797	56072.55803	56078.83594	504728.3	5408769.4
L4730.1	504728.2	5408772.7	5310.29981	261.40	65.94	48.831914	-86.935572	56067.04	56248.7	1.29	56068.34	56086.26563	56071.55429	56077.89063	504728.2	5408772.7
L4730.1	504728.2	5408774.2	5310.39990	261.01	65.94	48.831927	-86.935572	56066.04	56248.7	1.28	56067.32	56085.22656	56070.57599	56076.96875	504728.2	5408774.2
L4730.1	504728.2	5408774.2	5310.50000	260.89	65.65	48.831927	-86.935572	56062.95	56248.7	1.28	56064.22	56082.10938	56069.57789	56076.03125	504728.2	5408774.2
L4730.1	504728.2	5408775.4	5310.60010	260.94	56.09	48.831938	-86.935572	56061.13	56248.7	1.27	56062.40	56080.26953	56068.59726	56075.10938	504728.2	5408775.4
L4730.1	504728.3	5408777.0	5310.70020	259.92	56.09	48.831953	-86.935572	56059.38	56248.7	1.26	56060.64	56078.48438	56067.62009	56074.19531	504728.3	5408777.0
L4730.1	504728.3	5408778.5	5310.79981	258.90	56.22	48.831966	-86.935572	56056.83	56248.8	1.25	56058.08	56075.89844	56066.64497	56073.28125	504728.3	5408778.5
L4730.1	504728.3	5408779.7	5310.89990	260.42	56.22	48.831977	-86.935572	56054.58	56248.8	1.24	56055.82	56073.60938	56065.67762	56072.37500	504728.3	5408779.7
L4730.1	504728.3	5408779.7	5311.00000	259.67	57	48.831977	-86.935572	56052.56	56248.8	1.23	56053.79	56071.54688	56064.71690	56071.47656	504728.3	5408779.7
L4730.1	504728.3	5408781.0	5311.10010	258.10	61.84	48.831988	-86.935572	56050.27	56248.8	1.22	56051.49	56069.21094	56063.76445	56070.58594	504728.3	5408781.0
L4730.1	504728.3	5408782.9	5311.20020	258.70	61.84	48.832005	-86.935572	56047.54	56248.8	1.21	56048.75	56066.43359	56062.82441	56069.71094	504728.3	5408782.9
L4730.1	504728.3	5408784.4	5311.29981	259.10	54.49	48.832019	-86.935572	56045.32	56248.8	1.20	56046.53	56064.17578	56061.89215	56068.83984	504728.3	5408784.4
L4730.1	504728.3	5408784.4	5311.39990	261.04	51.17	48.832019	-86.935572	56043.75	56248.8	1.19	56044.94	56062.54297	56060.96404	56067.97656	504728.3	5408784.4
L4730.1	504728.3	5408786.9	5311.50000	262.95	51.17	48.832042	-86.935571	56040.56	56248.8	1.19	56041.75	56059.30859	56060.06884	56067.14453	504728.3	5408786.9
L4730.1	504728.3	5408786.9	5311.60010	250.87	51.44	48.832042	-86.935571	56037.81	56248.8	1.18	56038.99	56056.50000	56059.18565	56066.32422	504728.3	5408786.9
L4730.1	504728.3	5408789.1	5311.70020	248.62	51.44	48.832061	-86.935571	56036.11	56248.8	1.17	56037.28	56054.74219	56058.29991	56065.50391	504728.3	5408789.1
L4730.1	504728.3	5408789.1	5311.79981	260.60	60.59	48.832061	-86.935571	56032.70	56248.8	1.16	56033.86	56051.26953	56057.46656	56064.73438	504728.3	5408789.1
L4730.1	504728.3	5408790.7	5311.89990	259.19	60.59	48.832076	-86.935571	56030.34	56248.9	1.15	56031.49	56048.84375	56056.63097	56063.96094	504728.3	5408790.7
L4730.1	504728.3	5408792.1	5312.00000	248.80	54.82	48.832088	-86.935571	56027.89	56248.9	1.14	56029.03	56046.32422	56055.81905	56063.21484	504728.3	5408792.1
L4730.1	504728.3	5408792.1	5312.10010	248.50	59.53	48.832088	-86.935571	56025.71	56248.9	1.13	56026.84	56044.07422	56055.02203	56062.48047	504728.3	5408792.1
L4730.1	504728.3	5408793.6	5312.20020	258.01	59.53	48.832102	-86.935571	56022.53	56248.9	1.12	56023.64	56040.81250	56054.28318	56061.80469	504728.3	5408793.6
L4730.1	504728.4	5408795.3	5312.29981	257.89	65.34	48.832117	-86.935570	56020.11	56248.9	1.10	56021.21	56038.31641	56053.54211	56061.12891	504728.4	5408795.3
L4730.1	504728.4	5408796.6	5312.39990	257.76	65.34	48.832128	-86.935570	56017.77	56248.9	1.09	56018.86	56035.89453	56052.81972	56060.46875	504728.4	5408796.6
L4730.1	504728.4	5408798.0	5312.50000	260.69	57.21	48.832141	-86.935570	56014.13	56248.9	1.08	56015.21	56032.17578	56052.17519	56059.89063	504728.4	5408798.0
L4730.1	504728.4	5408798.0	5312.60010	258.10	56.29	48.832141	-86.935570	56012.14	56248.9	1.07	56013.21	56030.10156	56051.47414	56059.25391	504728.4	5408798.0
L4730.1	504728.4	5408800.7	5312.70020	258.25	56.29	48.832166	-86.935570	56009.45	56248.9	1.06	56010.51	56027.32813	56050.81764	56058.66016	504728.4	5408800.7
L4730.1	504728.4	5408800.7	5312.79981	258.14	56.58	48.832166	-86.935570	56005.91	56249	1.04	56006.95	56023.68750	56050.21856	56058.12109	504728.4	5408800.7
L4730.1	504728.4	5408802.3	5312.89990	259.19	56.58	48.832180	-86.935570	56003.58	56249	1.03	56004.61	56021.26563	56049.56643	56057.53125	504728.4	5408802.3
L4730.1	504728.4	5408803.4	5313.00000	259.54	56.58	48.832190	-86.935569	56000.93	56249	1.02	56001.95	56018.52344	56048.93895	56056.96875	504728.4	5408803.4
L4730.1	504728.4	5408804.8	5313.10010	258.06	56.16	48.832203	-86.935569	55997.48	56249	1.01	55998.49	56014.98047	56048.36202	56056.45313	504728.4	5408804.8
L4730.1	504728.4	5408804.8	5313.20020	257.08	55.33	48.832203	-86.935569	55995.41	56249	1.00	55996.41	56012.81250	56047.70637	56055.85938	504728.4	5408804.8
L4730.1	504728.4	5408806.3	5313.29981	257.56	57	48.832216	-86.935569	55992.98	56249	0.99	55993.97	56010.28125	56047.06652	56055.28125	504728.4	5408806.3
L4730.1	504728.5	5408807.9	5313.39990	256.32	57	48.832231	-86.935569	55989.32	56249	0.98	55990.30	56006.51953	56046.48458	56054.75781	504728.5	5408807.9
L4730.1	504728.5	5408809.8	5313.50000	256.06	65.24	48.832247	-86.935569	55987.85	56249	0.96	55988.81	56004.93359	56045.75973	56054.09375	504728.5	5408809.8
L4730.1	504728.5	5408809.8	5313.60010	256.24	65.24	48.832247	-86.935569	55984.16	56249	0.95	55985.11	56001.13672	56045.13073	56053.52344	504728.5	5408809.8
L4730.1	504728.5	5408811.1	5313.70020	255.70	65.25	48.832259	-86.935569	55981.68	56249.1	0.94	55982.62	55998.55078	56044.40942	56052.85938	504728.5	5408811.1
L4730.1	504728.5	5408812.6	5313.79981	257.89	56.69	48.832273	-86.935568	55979.18	56249.1	0.93	55980.11	55995.93750	56043.66097	56052.16797	504728.5	5408812.6
L4730.1	504728.5	5408814.3	5313.89990	257.28	56.69	48.832288	-86.935568	55976.02	56249.1	0.92	55976.94	55992.66406	56042.91135	56051.47656	504728.5	5408814.3
L4730.1	504728.5	5408814.3	5314.00000	258.41	60.05	48.832288	-86.935568	55974.29	56249.1	0.91	55975.20	55990.82031	56042.07753	56050.69922	504728.5	5408814.3
L4730.1	504728.5	5408815.9	5314.10010	260.95	60.05	48.832302	-86.935568	55971.31	56249.1	0.90	55972.21	55987.72266	56041.26659	56049.94531	504728.5	5408815.9
L4730.1	504728.5	5408817.6	5314.20020	260.78	56.69	48.832317	-86.935568	55969.13	56249.1	0.89	55970.02	55985.42578	56040.41249	56049.14453	504728.5	5408817.6
L4730.1	504728.6	5408818.9	5314.29981	261.15	56.69	48.832329	-86.935567	55966.70	56249.1	0.87	55967.58	55982.87500	56039.55614	56048.34375	504728.6	5408818.9
L4730.1	504728.6	5408820.4	5314.39990	261.42	54.77	48.832343	-86.935567	55965.08	56249.1	0.86	55965.94	55981.12109	56038.68929	56047.52734	504728.6	5408820.4
L4730.1	504728.6	5408820.4	5314.50000	263.23	49.53	48.832343	-86.935567	55962.40	56249.2	0.85	55963.25	55978.31641	56037.84639	56046.73828	504728.6	5408820.4
L4730.1	504728.6	5408822.1	5314.60010	259.67	49.53	48.832358	-86.935567	55960.91	56249.2	0.84	55961.75	55976.70313	56037.02372	56045.96484	504728.6	5408822.1
L4730.1	504728.6	5408823.8	5314.70020	260.22	53.94	48.832373	-86.935567	55957.82	56249.2	0.83	55958.65	55973.48438	56036.23611	56045.22656	504728.6	5408823.8
L4730.1	504728.6	5408823.8	5314.79981	260.18	53.94	48.832373	-86.935567	55956.66	56249.2	0.81	55957.47	55972.18359	56035.51565	56044.55469	504728.6	5408823.8
L4730.1	504728.6	5408825.7	5314.89990	262.22	58.09	48.832390	-86.935566	55955.63	56249.2	0.80	55956.43	55971.02344	56034.87558	56043.96094	504728.6	5408825.7
L4730.1	504728.6	5408827.1	5315.00000	261.51	63.5	48.832403	-86.935566	55953.40	56249.2	0.79	55954.19	55968.66406	56034.30427	56043.43750	504728.6	5408827.1
L4730.1	504728.6	5408827.1	5315.10010	263.47	63.5	48.832403	-86.935566	55952.96	56249.2	0.78	55953.74	55968.08984	56033.87619	56043.05469	504728.6	5408827.1
L4730.1	504728.7	5408828.9	5315.20020	263.94	61.56	48.832419	-86.935566	55950.39	56249.2	0.76	55951.15	55965.37500	56033.51222	56042.73438	504728.7	5408828.9

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4730.1	504728.7	5408830.5	5315.29981	263.16	61.56	48.832434	-86.935566	55949.63	56249.2	0.75	55950.38	55964.48047	56033.31316	56042.57813	504728.7	5408830.5
L4730.1	504728.7	5408830.5	5315.39990	262.25	60.09	48.832434	-86.935566	55949.70	56249.3	0.74	55950.44	55964.41406	56033.26225	56042.57031	504728.7	5408830.5
L4730.1	504728.7	5408832.6	5315.50000	262.85	60.09	48.832452	-86.935566	55947.36	56249.3	0.73	55948.08	55961.92578	56033.26522	56042.61328	504728.7	5408832.6
L4730.1	504728.7	5408833.9	5315.60010	263.10	60.82	48.832465	-86.935566	55947.58	56249.3	0.71	55948.29	55962.00781	56033.44614	56042.83203	504728.7	5408833.9
L4730.1	504728.7	5408835.4	5315.70020	259.92	60.82	48.832478	-86.935566	55946.59	56249.3	0.70	55947.29	55960.87891	56033.68865	56043.11328	504728.7	5408835.4
L4730.1	504728.7	5408835.4	5315.79981	260.53	57.97	48.832478	-86.935566	55946.77	56249.3	0.69	55947.46	55960.91797	56034.03797	56043.49609	504728.7	5408835.4
L4730.1	504728.6	5408837.5	5315.89990	260.40	57.97	48.832497	-86.935566	55946.29	56249.3	0.67	55946.96	55960.28906	56034.44283	56043.93750	504728.6	5408837.5
L4730.1	504728.6	5408839.0	5316.00000	262.58	54.16	48.832510	-86.935566	55946.26	56249.3	0.66	55946.92	55960.11719	56034.91102	56044.43750	504728.6	5408839.0
L4730.1	504728.6	5408840.6	5316.10010	261.99	56.83	48.832525	-86.935566	55947.10	56249.4	0.65	55947.75	55960.81250	56035.42845	56044.98438	504728.6	5408840.6
L4730.1	504728.6	5408840.6	5316.20020	260.22	56.83	48.832525	-86.935566	55947.30	56249.4	0.63	55947.94	55960.87109	56035.96230	56045.55078	504728.6	5408840.6
L4730.1	504728.6	5408842.0	5316.29981	261.89	57.45	48.832537	-86.935566	55948.14	56249.4	0.62	55948.76	55961.55859	56036.51524	56046.13281	504728.6	5408842.0
L4730.1	504728.6	5408843.5	5316.39990	259.70	57.45	48.832550	-86.935566	55949.30	56249.4	0.61	55949.91	55962.57422	56037.08322	56046.72656	504728.6	5408843.5
L4730.1	504728.6	5408845.3	5316.50000	259.32	54.38	48.832567	-86.935566	55949.32	56249.4	0.60	55949.92	55962.44922	56037.66965	56047.33594	504728.6	5408845.3
L4730.1	504728.6	5408846.6	5316.60010	255.87	54.38	48.832578	-86.935567	55950.89	56249.4	0.58	55951.48	55963.87891	56038.27897	56047.96875	504728.6	5408846.6
L4730.1	504728.6	5408846.6	5316.70020	259.88	57.74	48.832578	-86.935567	55952.76	56249.4	0.57	55953.33	55965.59375	56038.91425	56048.62891	504728.6	5408846.6
L4730.1	504728.6	5408848.0	5316.79981	258.76	57.74	48.832591	-86.935567	55953.81	56249.4	0.56	55954.36	55966.48828	56039.59269	56049.32422	504728.6	5408848.0
L4730.1	504728.6	5408849.7	5316.89990	257.46	58.72	48.832606	-86.935567	55956.18	56249.5	0.54	55956.72	55968.71484	56040.31104	56050.06250	504728.6	5408849.7
L4730.1	504728.6	5408849.7	5317.00000	255.58	54.7	48.832606	-86.935567	55957.55	56249.5	0.53	55958.08	55969.94141	56041.09941	56050.86719	504728.6	5408849.7
L4730.1	504728.6	5408850.9	5317.10010	256.94	54.7	48.832617	-86.935567	55959.46	56249.5	0.52	55959.98	55971.70703	56041.94901	56051.73047	504728.6	5408850.9
L4730.1	504728.5	5408852.7	5317.20020	257.38	52.96	48.832633	-86.935567	55962.18	56249.5	0.50	55962.68	55974.27734	56042.84510	56052.64063	504728.5	5408852.7
L4730.1	504728.5	5408852.7	5317.29981	257.33	52.96	48.832633	-86.935567	55964.18	56249.5	0.49	55964.67	55976.13281	56043.80615	56053.61328	504728.5	5408852.7
L4730.1	504728.5	5408854.3	5317.39990	261.11	58.91	48.832648	-86.935568	55967.01	56249.5	0.48	55967.49	55978.82031	56044.79239	56054.60938	504728.5	5408854.3
L4730.1	504728.5	5408855.9	5317.50000	261.61	58.91	48.832662	-86.935568	55969.64	56249.5	0.46	55970.11	55981.30859	56045.82070	56055.64453	504728.5	5408855.9
L4730.1	504728.5	5408857.3	5317.60010	261.46	60.1	48.832675	-86.935568	55972.90	56249.5	0.45	55973.35	55984.41797	56046.85566	56056.68750	504728.5	5408857.3
L4730.1	504728.5	5408858.6	5317.70020	258.85	46.73	48.832687	-86.935568	55976.26	56249.6	0.44	55976.70	55987.63672	56047.90024	56057.73438	504728.5	5408858.6
L4730.1	504728.5	5408858.6	5317.79981	262.14	46.73	48.832687	-86.935568	55978.34	56249.6	0.43	55978.77	55989.57813	56049.00499	56058.83984	504728.5	5408858.6
L4730.1	504728.5	5408860.3	5317.89990	261.15	46.73	48.832702	-86.935568	55981.86	56249.6	0.41	55982.27	55992.94922	56050.05696	56059.89453	504728.5	5408860.3
L4730.1	504728.4	5408862.5	5318.00000	261.54	49.1	48.832721	-86.935569	55985.72	56249.6	0.40	55986.12	55996.67188	56051.08843	56060.92188	504728.4	5408862.5
L4730.1	504728.4	5408862.5	5318.10010	248.38	50.14	48.832721	-86.935569	55989.46	56249.6	0.39	55989.85	56000.27344	56052.12081	56061.95313	504728.4	5408862.5
L4730.1	504728.4	5408864.2	5318.20020	249.44	50.14	48.832736	-86.935569	55992.75	56249.6	0.37	55993.13	56003.42969	56053.17497	56063.00000	504728.4	5408864.2
L4730.1	504728.4	5408865.4	5318.29981	260.86	60.06	48.832747	-86.935569	55996.12	56249.6	0.36	55996.48	56006.65234	56054.22546	56064.04297	504728.4	5408865.4
L4730.1	504728.4	5408867.3	5318.39990	259.13	60.06	48.832764	-86.935569	55999.69	56249.7	0.35	56000.04	56010.08984	56055.26446	56065.07422	504728.4	5408867.3
L4730.1	504728.4	5408867.3	5318.50000	249.05	49.32	48.832764	-86.935569	56003.61	56249.7	0.33	56003.94	56013.86719	56056.27517	56066.07422	504728.4	5408867.3
L4730.1	504728.4	5408869.1	5318.60010	250.94	49.32	48.832781	-86.935569	56007.84	56249.7	0.32	56008.16	56017.96875	56057.14936	56066.93359	504728.4	5408869.1
L4730.1	504728.4	5408870.7	5318.70020	263.64	58.86	48.832796	-86.935569	56011.77	56249.7	0.31	56012.08	56021.76953	56058.06618	56067.83594	504728.4	5408870.7
L4730.1	504728.4	5408872.1	5318.79981	261.95	58.86	48.832808	-86.935569	56015.80	56249.7	0.30	56016.10	56025.67188	56058.99757	56068.75000	504728.4	5408872.1
L4730.1	504728.4	5408872.1	5318.89990	261.37	52.17	48.832808	-86.935569	56018.93	56249.7	0.28	56019.22	56028.67578	56060.00874	56069.74219	504728.4	5408872.1
L4730.1	504728.4	5408873.8	5319.00000	259.00	52.17	48.832823	-86.935569	56022.96	56249.7	0.27	56023.23	56032.57031	56060.97893	56070.69141	504728.4	5408873.8
L4730.1	504728.4	5408875.2	5319.10010	257.85	44.93	48.832836	-86.935569	56027.91	56249.7	0.25	56028.17	56037.39844	56061.90403	56071.59375	504728.4	5408875.2
L4730.1	504728.4	5408875.2	5319.20020	258.46	45.61	48.832836	-86.935569	56031.74	56249.8	0.24	56031.98	56041.09766	56062.91992	56072.58594	504728.4	5408875.2
L4730.1	504728.4	5408876.9	5319.29981	257.21	45.61	48.832851	-86.935569	56036.57	56249.8	0.22	56036.79	56045.79688	56063.88315	56073.52344	504728.4	5408876.9
L4730.1	504728.4	5408878.6	5319.39990	258.83	49.54	48.832866	-86.935569	56039.73	56249.8	0.21	56039.94	56048.83984	56064.96962	56074.57813	504728.4	5408878.6
L4730.1	504728.4	5408878.6	5319.50000	259.53	58.56	48.832866	-86.935569	56044.00	56249.8	0.19	56044.20	56052.99219	56065.96226	56075.54297	504728.4	5408878.6
L4730.1	504728.4	5408880.7	5319.60010	261.44	58.56	48.832885	-86.935570	56047.93	56249.8	0.18	56048.11	56056.80078	56066.95817	56076.50391	504728.4	5408880.7
L4730.1	504728.4	5408881.9	5319.70020	261.88	57.32	48.832896	-86.935570	56052.45	56249.8	0.17	56052.61	56061.19922	56067.94387	56077.45703	504728.4	5408881.9
L4730.1	504728.4	5408883.3	5319.79981	258.11	57.32	48.832909	-86.935570	56055.89	56249.8	0.15	56056.04	56064.52734	56069.01866	56078.49609	504728.4	5408883.3
L4730.1	504728.4	5408883.3	5319.89990	256.83	56.45	48.832909	-86.935570	56059.41	56249.9	0.14	56059.54	56067.92969	56070.11437	56079.55469	504728.4	5408883.3
L4730.1	504728.3	5408884.9	5320.00000	246.31	59.08	48.832923	-86.935570	56064.08	56249.9	0.12	56064.20	56072.49609	56071.18055	56080.57813	504728.3	5408884.9
L4730.1	504728.3	5408886.7	5320.10010	248.63	59.08	48.832939	-86.935570	56067.43	56249.9	0.11	56067.54	56075.74219	56072.33203	56081.68750	504728.3	5408886.7
L4730.1	504728.3	5408888.2	5320.20020	258.14	55.68	48.832953	-86.935570	56070.94	56249.9	0.09	56071.03	56079.14063	56073.49258	56082.80469	504728.3	5408888.2
L4730.1	504728.3	5408889.6	5320.29981	259.23	55.68	48.832965	-86.935570	56074.56	56249.9	0.08	56074.64	56082.66406	56074.65986	56083.92969	504728.3	5408889.6
L4730.1	504728.3	5408889.6	5320.39990	258.40	58.9	48.832965	-86.935570	56078.35	56249.9	0.07	56078.42	56086.35547	56075.82837	56085.05078	504728.3	5408889.6
L4730.1	504728.3	5408891.2	5320.50000	259.94	50.15	48.832980	-86.935570	56082.31	56249.9	0.06	56082.36	56090.21094	56076.99521	56086.16797	504728.3	5408891.2
L4730.1	504728.3	5408891.2	5320.60010	260.48	50.15	48.832980	-86.935570	56085.36	56250	0.04	56085.40	56093.17188	56078.19542	56087.31641	504728.3	5408891.2
L4730.1	504728.3	5408893.8	5320.70020	259.83	49.89	48.833003	-86.935570	56088.60	56250	0.03	56088.63	56096.32031	56079.38807	56088.45703	504728.3	5408893.8
L4730.1	504728.3	5408893.8	5320.79981	257.76	49.89	48.833003	-86.935570	56091.20	56250	0.02	56091.22	56098.83203	56080.60223	56089.61719	504728.3	5408893.8
L4730.1	504728.3	5408895.5	5320.89990	258.75	55.52	48.833018	-86.935570	56094.80	56250	0.00	56094.80	56102.33984	56081.78293	56090.73828	504728.3	5408895.5
L4730.1	504728.3	5408897.2	5321.00000	258.33	55.52	48.833033	-86.935570	56098.13	56250	-0.01	56098.12	56105.58594	56082.97272	56091.87109	504728.3	5408897.2
L4730.1	504728.3	5408898.4	5321.10010	258.95	52.76	48.833044	-86.935570	56100.87	56250	-0.03	56100.84	56108.23828	56084.18030	56093.01953	504728.3	5408898.4
L4730.1	504728.3	5408899.8	5321.20020	259.09	48.04	48.833057	-86.935570	56104.48	56250	-0.04	56104.44	56111.76953	56085.36126	56094.14063	504728.3	5408899.8
L4730.1	504728.3	5408899.8	5321.29981	259.53	48.04	48.833057	-86.935570	56106.22	56250.1	-0.06	56106.16	56113.42578	56086.59046	56095.30469	504728.3	5408899.8
L4730.1	504728.3	5408901.3	5321.39990	258.25	48.47	48.833071	-86.935570	56109.06	56250.1	-0.08	56108.99	56116.19141	56087.78397	56096.43359	504728.3	5408901.3
L4730.1	504728.3	5408903.1	5321.50000	258.19	48.47	48.833087	-86.935570	56111.90	56250.1	-0.10	56111.80	56118.94141	56088.97108	56097.55469	504728.3	5408903.1
L4730.1	504728.3	5408903.1	5321.60010	260.09	57.8	48.833087	-86.935570	56114.17	56250.1	-0.11	56114.06	56121.14453	56090.16026	56098.67578	504728.3	5408903.1
L4730.1	504728.3	5408904.6	5321.70020	258.53	58.66	48.833100	-86.935570	56116.65	56250.1	-0.13	56116.52	56123.54688	56091.33097	56099.77734	504728.3	5408904.6
L4730.1	504728.3	5408906.2	5321.79981	257.79	54.96	48.833115	-86.935570	56119.11	56250.1	-0.15	56118.96	56125.93750	56092.48488	56100.85938	504728.3	5408906.2
L4730.1	504728.3	5408907.8	5321.89990	258.68	54.96	48.833129	-86.935570	56119.81	56250.2	-0.16	56119.65	56126.57422	56093.65114	56101.95313	504728.3	5408907.8
L4730.1	504728.3	5408909.1	5322.00000	258.18	54.96	48.833141	-86.935570	56123.00	56250.2	-0.18	56122.82	56129.69531	56094.74628	56102.97656	504728.3	5408909.1
L4730.1	504728.3	5408909.1	5322.10010	260.69	44.61	48.833141	-86.935570	56125.25	56250.2	-0.19	56125.05	56131.88281	56095.83119	56103.98438	504728.3	5408909.1
L4730.1	504728.3	5408911.2	5322.20020	260.67	44.61	48.833159	-86.935570	56126.91	56250.2	-0.21	56126.70	56133.48828	56096.89811	56104.97656	504728.3	5408911.2
L4730.1	504728.3	5408912.7	5322.29981	259.56	45.66	48.833174	-86.935570	56129.56	56250.2	-0.22	56129.33	56136.07813	56097.91447	56105.91406	504728.3	5408912.7
L4730.1	504728.3	5408912.7	5322.39990	259.86	56.54	48.833174	-86.935570	56129.91	56250.2	-0.24	56129.67	56136.37891	56098.94892	56106.86719	504728.3	5408912.7
L4730.1	504728.3	5408914.4	5322.50000	261.70	56.54	48.833189	-86.935570	56132.68	56250.3	-0.26	56132.42	56139.09375	56099.89640	56107.73438	504728.3	5408914.4
L4730.1	504728.3	5408916.1	5322.60010	261.44	56.29	48.833204	-86.935570	56133.49	56250.3	-0.27	56133.22	56139.85938	56100.86423	56108.62109	504728.3	5408916.1
L4730.1	504728.3	5408917.5	5322.70020	259.98	56.29	48.833217	-86.935570	56134.56	56250.3	-0.29	56134.27	56140.87891	56101.80073	56109.47266	504728.3	5408917.5
L4730.1	504728.3	5408918.8	5322.79981	259.23	51.18	48.833228	-86.935570	56137.39	56250.3	-0.30	56137.09	56143.67188	56102.65392	56110.24219	504728.3	5408918.8
L4730.1	504728.3	5408918.8	5322.89990	255.80	51.18	48.833228	-86.935570	56138.03	56250.3	-0.32	56137.71	56144.26563	56103.56075	56111.06250	504728.3	5408918.8
L4730.1	504728.3	5408920.8	5323.00000	256.89	53.11	48.833246	-86.935570	56139.46	56250.3	-0.33	56139.13	56145.66016	56104.42491	56111.83984	504728.3	5408920.8
L4730.1	504728.3	5408922.7	5323.10010	255.38	53.11	48.833263	-86.935570	56141.60	56250.3	-0.35	56141.25	56147.75781	56105.24770	56112.57422	504728.3	5408922.7
L4730.1	504728.3	5408922.7	5323.20020	256.72	50.47	48.833263	-86.935570	56142.30	56250.4	-0.36	56141.94	56148.42578	56106.12360	56113.35938	504728.3	5408922.7
L4730.1	504728.3	5408924.4	5323.29981	257.15	50.47	48.833278	-86.935569	56143.29	56250.4	-0.38	56142.91	56149.37891	56106.98376	56114.12891	504728.3	5408924.4
L4730.1	504728.3	5408925.6	5323.39990	259.14	52.76	48.833289	-86.935569	56143.98	56250.4	-0.39	56143.59	56150.04297	56107.85586	56114.91016	504728.3	5408925.6
L4730.1	504728.3	5408927.7	5323.50000	260.11	52.76	48.833308	-86.935569	56145.55	56250.4	-0.40	56145.14	56151.57813	56108.68123	56115.64063	504728.3	5408927.7
L4730.1	504728.3	5408927.7	5323.60010	249.30	52.44	48.833308	-86.935569	56147.05	56250.4	-0.42	56146.63	56153.05859	56109.50522	56116.37109	504728.3	5408927.7
L4730.1	504728.3	5408929.2	5323.70020	249.52	52.44	48.833322	-86.935569	56147.78	56250.4	-0.44	56147.35	56153.76563	56110.36662	56117.13672	504728.3	5408929.2
L4730.1	504728.3	5408931.0	5323.79981	250.62	44.01	48.833337	-86.935569	56148.83	56250.5	-0.45	56148.38	56154.78906	56111.21135	56117.88672	504728.3	5408931.0
L4730.1	504728.3	5408931.0	5323.89990	247.35	37.79	48.833337	-86.935569	56149.76	56250.5	-0.47	56149.30	56155.70313	56112.05885	56118.63672	504728.3	5408931.0
L4730.1	504728.3	5408932.2	5324.00000	261.31	37.79	48.833348	-86.935569	56151.40	56250.5	-0.48	56150.92	56157.32031	56112.86527	56119.34375	504728.3	5408932.2
L4730.1	504728.3	5408933.9	5324.10010	262.93	45.23	48.833364	-86.935569	56151.02	56250.5	-0.49	56150.53	56156.92578	56113.76778	56120.14844	504728.3	5408933.9
L4730.1	504728.3	5408935.3	5324.20020	262.15	46.67	48.833377	-86.935569	56152.09	56250.5	-0.51	56151.58	56157.97656	56114.58628	56120.86719	504728.3	5408935.3
L4730.1	504728.3	5408935.3	5324.29981	260.54	46.67	48.833377	-86.935569	56152.02	56250.5	-0.52	56151.49	56157.88672	56115.44857	56121.63281	504728.3	5408935.3
L4730.1	504728.3	5408937.1	5324.39990	260.72	53.51	48.833392	-86.935570	56153.58	56250.5	-0.54	56153.04	56159.43750	56116.21718	56122.29688	504728.3	5408937.1
L4730.1	504728.3	5408938.8	5324.50000	248.91	53.51	48.833408	-86.935570	56154.59	56250.6	-0.55	56154.04	56160.44141	56116.99773	56122.97656	504728.3	5408938.8

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4730.1	504728.3	5408938.8	5324.60010	247.01	52.85	48.833408	-86.935570	56156.11	56250.6	-0.56	56155.54	56161.94922	56117.73882	56123.61719	504728.3	5408938.8
L4730.1	504728.3	5408940.4	5324.70020	259.64	49.21	48.833422	-86.935569	56155.86	56250.6	-0.58	56155.28	56161.69531	56118.53913	56124.31250	504728.3	5408940.4
L4730.1	504728.3	5408941.9	5324.79981	260.66	49.21	48.833436	-86.935569	56157.32	56250.6	-0.59	56156.73	56163.15234	56119.24349	56124.91406	504728.3	5408941.9
L4730.1	504728.3	5408943.3	5324.89990	259.86	51.12	48.833449	-86.935569	56157.18	56250.6	-0.61	56156.57	56163.00391	56119.99640	56125.56250	504728.3	5408943.3
L4730.1	504728.3	5408943.3	5325.00000	260.78	53.48	48.833449	-86.935569	56158.51	56250.6	-0.62	56157.89	56164.33203	56120.66529	56126.12891	504728.3	5408943.3
L4730.1	504728.4	5408945.0	5325.10010	258.62	53.48	48.833464	-86.935569	56158.85	56250.6	-0.64	56158.21	56164.66406	56121.35523	56126.71094	504728.4	5408945.0
L4730.1	504728.4	5408946.6	5325.20020	259.08	53.48	48.833478	-86.935569	56160.50	56250.7	-0.66	56159.85	56166.32031	56121.97070	56127.22266	504728.4	5408946.6
L4730.1	504728.4	5408948.1	5325.29981	257.13	55.78	48.833491	-86.935568	56160.28	56250.7	-0.67	56159.61	56166.09375	56122.64678	56127.79297	504728.4	5408948.1
L4730.1	504728.4	5408948.1	5325.39990	257.15	52.56	48.833491	-86.935568	56160.82	56250.7	-0.69	56160.13	56166.62891	56123.27423	56128.31250	504728.4	5408948.1
L4730.1	504728.4	5408949.7	5325.50000	257.01	52.56	48.833506	-86.935568	56162.25	56250.7	-0.71	56161.54	56168.05469	56123.85322	56128.78516	504728.4	5408949.7
L4730.1	504728.4	5408951.4	5325.60010	255.46	52.78	48.833521	-86.935568	56163.17	56250.7	-0.73	56162.44	56168.97266	56124.44750	56129.27344	504728.4	5408951.4
L4730.1	504728.4	5408951.4	5325.70020	254.33	52.92	48.833521	-86.935568	56162.41	56250.7	-0.75	56161.66	56168.21094	56125.10829	56129.82813	504728.4	5408951.4
L4730.1	504728.4	5408953.0	5325.79981	254.74	51.93	48.833536	-86.935568	56163.14	56250.8	-0.76	56162.38	56168.94922	56125.71198	56130.32422	504728.4	5408953.0
L4730.1	504728.4	5408954.4	5325.89990	257.09	51.93	48.833549	-86.935568	56163.52	56250.8	-0.78	56162.74	56169.32813	56126.34230	56130.84375	504728.4	5408954.4
L4730.1	504728.4	5408956.0	5326.00000	258.86	50.67	48.833562	-86.935568	56164.46	56250.8	-0.80	56163.66	56170.26563	56126.97147	56131.36719	504728.4	5408956.0
L4730.1	504728.4	5408957.5	5326.10010	259.43	50.67	48.833576	-86.935568	56164.22	56250.8	-0.82	56163.41	56170.03906	56127.66148	56131.94922	504728.4	5408957.5
L4730.1	504728.4	5408957.5	5326.20020	258.18	53.55	48.833576	-86.935568	56165.04	56250.8	-0.83	56164.21	56170.85938	56128.33736	56132.51563	504728.4	5408957.5
L4730.1	504728.4	5408959.4	5326.29981	259.79	55.33	48.833593	-86.935568	56165.38	56250.8	-0.85	56164.53	56171.19922	56129.04588	56133.11328	504728.4	5408959.4
L4730.1	504728.4	5408960.6	5326.39990	258.45	55.33	48.833604	-86.935568	56166.73	56250.9	-0.86	56165.86	56172.55078	56129.75399	56133.71484	504728.4	5408960.6
L4730.1	504728.4	5408960.6	5326.50000	259.83	55.65	48.833604	-86.935568	56165.92	56250.9	-0.88	56165.04	56171.75391	56130.50025	56134.35156	504728.4	5408960.6
L4730.1	504728.4	5408963.6	5326.60010	259.23	45.37	48.833631	-86.935568	56166.71	56250.9	-0.90	56165.82	56172.55469	56131.23177	56134.97656	504728.4	5408963.6
L4730.1	504728.4	5408963.6	5326.70020	259.09	45.37	48.833631	-86.935568	56167.54	56250.9	-0.91	56166.63	56173.38672	56131.96715	56135.60156	504728.4	5408963.6
L4730.1	504728.4	5408964.9	5326.79981	258.98	48.28	48.833643	-86.935568	56167.45	56250.9	-0.93	56166.52	56173.30078	56132.68683	56136.21094	504728.4	5408964.9
L4730.1	504728.4	5408966.1	5326.89990	260.12	54.53	48.833653	-86.935568	56168.18	56250.9	-0.94	56167.23	56174.03516	56133.40425	56136.82031	504728.4	5408966.1
L4730.1	504728.4	5408967.4	5327.00000	257.20	54.53	48.833665	-86.935568	56168.38	56251	-0.96	56167.42	56174.24609	56134.09175	56137.40234	504728.4	5408967.4
L4730.1	504728.4	5408968.7	5327.10010	257.08	54.99	48.833677	-86.935568	56169.34	56251	-0.98	56168.36	56175.20703	56134.78033	56137.98047	504728.4	5408968.7
L4730.1	504728.4	5408968.7	5327.20020	247.33	54.99	48.833677	-86.935568	56168.86	56251	-1.00	56167.86	56174.73047	56135.37916	56138.47266	504728.4	5408968.7
L4730.1	504728.4	5408970.7	5327.29981	249.77	51.12	48.833695	-86.935568	56169.64	56251	-1.02	56168.62	56175.51172	56135.99144	56138.97656	504728.4	5408970.7
L4730.1	504728.4	5408972.4	5327.39990	262.53	45.35	48.833710	-86.935568	56169.68	56251	-1.04	56168.64	56175.55469	56136.52246	56139.39844	504728.4	5408972.4
L4730.1	504728.4	5408973.6	5327.50000	265.26	45.35	48.833721	-86.935568	56169.60	56251.1	-1.06	56168.54	56175.47656	56136.99826	56139.76953	504728.4	5408973.6
L4730.1	504728.4	5408973.6	5327.60010	266.45	49.86	48.833721	-86.935568	56170.45	56251.1	-1.07	56169.37	56176.32813	56137.48234	56140.14453	504728.4	5408973.6
L4730.1	504728.4	5408975.6	5327.70020	266.86	53.96	48.833739	-86.935567	56170.52	56251.1	-1.09	56169.43	56176.41016	56137.87279	56140.42969	504728.4	5408975.6
L4730.1	504728.4	5408977.0	5327.79981	265.85	53.96	48.833751	-86.935567	56170.83	56251.1	-1.11	56169.72	56176.71875	56138.23127	56140.67969	504728.4	5408977.0
L4730.1	504728.4	5408977.0	5327.89990	266.31	54.37	48.833751	-86.935567	56170.64	56251.1	-1.13	56169.51	56176.52734	56138.51551	56140.85938	504728.4	5408977.0
L4730.1	504728.4	5408978.5	5328.00000	264.42	51.7	48.833765	-86.935567	56171.31	56251.2	-1.15	56170.16	56177.19922	56138.81289	56141.05078	504728.4	5408978.5
L4730.1	504728.5	5408980.0	5328.10010	262.31	50.06	48.833779	-86.935567	56171.62	56251.2	-1.17	56170.45	56177.50781	56139.05306	56141.18359	504728.5	5408980.0
L4730.1	504728.5	5408981.6	5328.20020	259.36	50.06	48.833793	-86.935566	56171.89	56251.2	-1.18	56170.71	56177.78516	56139.25976	56141.28906	504728.5	5408981.6
L4730.1	504728.5	5408983.1	5328.29981	259.54	50.06	48.833806	-86.935566	56171.98	56251.2	-1.20	56170.78	56177.87109	56139.42943	56141.35156	504728.5	5408983.1
L4730.1	504728.5	5408983.1	5328.39990	257.03	52.53	48.833806	-86.935566	56171.64	56251.2	-1.22	56170.42	56177.52734	56139.55718	56141.37500	504728.5	5408983.1
L4730.1	504728.5	5408984.5	5328.50000	246.68	52.53	48.833819	-86.935566	56172.36	56251.2	-1.24	56171.12	56178.24609	56139.71332	56141.42969	504728.5	5408984.5
L4730.1	504728.5	5408985.9	5328.60010	247.84	50.8	48.833831	-86.935566	56172.92	56251.3	-1.25	56171.67	56178.80859	56139.84510	56141.45703	504728.5	5408985.9
L4730.1	504728.6	5408987.3	5328.70020	260.04	45.93	48.833844	-86.935566	56172.20	56251.3	-1.27	56170.93	56178.08594	56139.92582	56141.43750	504728.6	5408987.3
L4730.1	504728.6	5408989.1	5328.79981	261.13	40.36	48.833861	-86.935565	56172.61	56251.3	-1.29	56171.32	56178.48828	56140.03992	56141.44922	504728.6	5408989.1
L4730.1	504728.6	5408990.1	5328.89990	261.26	40.36	48.833870	-86.935565	56172.85	56251.3	-1.30	56171.54	56178.71875	56140.15117	56141.46094	504728.6	5408990.1
L4730.1	504728.6	5408990.1	5329.00000	261.26	44.02	48.833870	-86.935565	56172.56	56251.3	-1.32	56171.24	56178.42969	56140.26108	56141.46875	504728.6	5408990.1
L4730.1	504728.6	5408991.8	5329.10010	258.69	50.23	48.833885	-86.935565	56173.38	56251.3	-1.33	56172.05	56179.25000	56140.39487	56141.50391	504728.6	5408991.8
L4730.1	504728.6	5408993.5	5329.20020	257.70	50.23	48.833900	-86.935565	56172.91	56251.3	-1.35	56171.56	56178.76953	56140.52260	56141.53516	504728.6	5408993.5
L4730.1	504728.6	5408994.7	5329.29981	259.16	47.85	48.833911	-86.935565	56173.66	56251.4	-1.36	56172.30	56179.51953	56140.66690	56141.57813	504728.6	5408994.7
L4730.1	504728.6	5408994.7	5329.39990	257.67	45.21	48.833911	-86.935565	56172.86	56251.4	-1.38	56171.48	56178.70703	56140.81213	56141.62891	504728.6	5408994.7
L4730.1	504728.6	5408996.5	5329.50000	256.19	46.45	48.833927	-86.935565	56173.71	56251.4	-1.39	56172.32	56179.55469	56140.96516	56141.68359	504728.6	5408996.5
L4730.1	504728.6	5408997.8	5329.60010	256.64	46.45	48.833939	-86.935565	56173.43	56251.4	-1.40	56172.03	56179.26953	56141.12240	56141.74609	504728.6	5408997.8
L4730.1	504728.6	5408999.5	5329.70020	259.00	49.49	48.833954	-86.935565	56173.58	56251.4	-1.42	56172.16	56179.40234	56141.28178	56141.80859	504728.6	5408999.5
L4730.1	504728.6	5408999.5	5329.79981	261.28	50.39	48.833954	-86.935565	56173.98	56251.4	-1.43	56172.54	56179.78516	56141.44098	56141.87500	504728.6	5408999.5
L4730.1	504728.6	5409001.0	5329.89990	261.84	50.39	48.833967	-86.935565	56173.33	56251.4	-1.45	56171.89	56179.13672	56141.60852	56141.94922	504728.6	5409001.0
L4730.1	504728.6	5409002.3	5330.00000	261.23	50.87	48.833979	-86.935565	56174.47	56251.5	-1.46	56173.01	56180.25781	56141.75899	56142.00781	504728.6	5409002.3
L4730.1	504728.6	5409003.7	5330.10010	260.24	48.59	48.833992	-86.935565	56173.74	56251.5	-1.48	56172.26	56179.50781	56141.92482	56142.08203	504728.6	5409003.7
L4730.1	504728.6	5409005.1	5330.20020	261.33	49.66	48.834004	-86.935565	56173.99	56251.5	-1.49	56172.50	56179.74609	56142.07360	56142.14063	504728.6	5409005.1
L4730.1	504728.6	5409005.1	5330.29981	260.55	49.66	48.834004	-86.935565	56173.52	56251.5	-1.51	56172.01	56179.25000	56142.22266	56142.19922	504728.6	5409005.1
L4730.1	504728.5	5409006.7	5330.39990	260.38	50.5	48.834019	-86.935565	56174.50	56251.5	-1.52	56172.98	56180.21484	56142.34023	56142.22656	504728.5	5409006.7
L4730.1	504728.5	5409008.3	5330.50000	247.56	50.5	48.834033	-86.935565	56174.56	56251.5	-1.54	56173.02	56180.25000	56142.46269	56142.26172	504728.5	5409008.3
L4730.1	504728.5	5409009.8	5330.60010	248.48	48.77	48.834047	-86.935566	56173.72	56251.6	-1.56	56172.17	56179.39453	56142.59655	56142.30859	504728.5	5409009.8
L4730.1	504728.5	5409010.7	5330.70020	258.21	49.72	48.834055	-86.935566	56174.56	56251.6	-1.57	56172.99	56180.20703	56142.69501	56142.32031	504728.5	5409010.7
L4730.1	504728.5	5409012.4	5330.79981	260.02	49.72	48.834070	-86.935566	56173.85	56251.6	-1.59	56172.26	56179.46484	56142.82637	56142.36719	504728.5	5409012.4
L4730.1	504728.5	5409013.4	5330.89990	259.41	48.09	48.834079	-86.935566	56174.02	56251.6	-1.60	56172.42	56179.61719	56142.94111	56142.39844	504728.5	5409013.4
L4730.1	504728.5	5409014.8	5331.00000	258.02	50.76	48.834091	-86.935566	56174.88	56251.6	-1.62	56173.26	56180.44531	56143.04362	56142.41797	504728.5	5409014.8
L4730.1	504728.5	5409014.8	5331.10010	257.78	50.11	48.834091	-86.935566	56174.27	56251.6	-1.64	56172.63	56179.80078	56143.19059	56142.48438	504728.5	5409014.8
L4730.1	504728.5	5409016.1	5331.20020	257.76	50.11	48.834103	-86.935566	56174.83	56251.7	-1.65	56173.18	56180.33594	56143.31546	56142.52734	504728.5	5409016.1
L4730.1	504728.5	5409017.1	5331.29981	258.69	47.68	48.834112	-86.935566	56174.79	56251.7	-1.67	56173.13	56180.26953	56143.46396	56142.59766	504728.5	5409017.1
L4730.1	504728.5	5409018.9	5331.39990	257.78	47.68	48.834128	-86.935566	56174.58	56251.7	-1.68	56172.89	56180.01172	56143.62446	56142.67969	504728.5	5409018.9
L4730.1	504728.5	5409020.2	5331.50000	258.33	48.78	48.834140	-86.935566	56175.29	56251.7	-1.70	56173.58	56180.68359	56143.76700	56142.74219	504728.5	5409020.2
L4730.1	504728.5	5409021.4	5331.60010	257.74	50.36	48.834151	-86.935566	56174.88	56251.7	-1.72	56173.16	56180.24609	56143.93939	56142.83984	504728.5	5409021.4
L4730.1	504728.5	5409021.4	5331.70020	257.56	50.36	48.834151	-86.935566	56175.38	56251.7	-1.73	56173.65	56180.71484	56144.09143	56142.91406	504728.5	5409021.4
L4730.1	504728.5	5409023.1	5331.79981	260.34	47.65	48.834167	-86.935566	56175.57	56251.7	-1.75	56173.82	56180.86328	56144.24863	56143.00000	504728.5	5409023.1
L4730.1	504728.4	5409024.8	5331.89990	257.98	47.97	48.834182	-86.935567	56176.32	56251.8	-1.76	56174.56	56181.58203	56144.39081	56143.06641	504728.4	5409024.8
L4730.1	504728.4	5409026.1	5332.00000	260.13	45.18	48.834194	-86.935567	56175.04	56251.8	-1.78	56173.26	56180.25781	56144.56267	56143.16797	504728.4	5409026.1
L4730.1	504728.4	5409027.6	5332.10010	261.70	45.18	48.834207	-86.935567	56175.77	56251.8	-1.79	56173.97	56180.94141	56144.69015	56143.22266	504728.4	5409027.6
L4730.1	504728.4	5409028.9	5332.20020	262.46	44.84	48.834218	-86.935567	56175.94	56251.8	-1.80	56174.13	56181.07422	56144.81567	56143.28125	504728.4	5409028.9
L4730.1	504728.4	5409028.9	5332.29981	247.14	47.43	48.834218	-86.935567	56176.85	56251.8	-1.82	56175.04	56181.95703	56144.91805	56143.31250	504728.4	5409028.9
L4730.1	504728.4	5409030.4	5332.39990	248.61	47.43	48.834232	-86.935567	56175.54	56251.8	-1.83	56173.71	56180.59766	56145.03909	56143.36719	504728.4	5409030.4
L4730.1	504728.4	5409032.1	5332.50000	263.19	48.12	48.834247	-86.935567	56175.88	56251.8	-1.84	56174.04	56180.89844	56145.12298	56143.38281	504728.4	5409032.1
L4730.1	504728.4	5409033.8	5332.60010	262.14	46.43	48.834262	-86.935567	56175.92	56251.9	-1.85	56174.07	56180.89844	56145.19784	56143.39453	504728.4	5409033.8
L4730.1	504728.4	5409033.8	5332.70020	262.01	46.43	48.834262	-86.935567	56176.77	56251.9	-1.86	56174.91	56181.70703	56145.24814	56143.37891	504728.4	5409033.8
L4730.1	504728.4	5409035.3	5332.79981	259.78	48.37	48.834276	-86.935567	56176.39	56251.9	-1.88	56174.52	56181.28516	56145.30588	56143.37500	504728.4	5409035.3
L4730.1	504728.4	5409037.0	5332.89990	260.51	47.78	48.834291	-86.935567	56176.49	56251.9	-1.89	56174.60	56181.33203	56145.34714	56143.35547	504728.4	5409037.0
L4730.1	504728.4	5409038.3	5333.00000	260.07	47.78	48.834303	-86.935567	56176.33	56251.9	-1.90	56174.43	56181.12891	56145.38520	56143.33203	504728.4	5409038.3
L4730.1	504728.4	5409038.3	5333.10010	258.63	48.88	48.834303	-86.935567	56177.03	56251.9	-1.91	56175.12	56181.78125	56145.40128	56143.28906	504728.4	5409038.3
L4730.1	504728.4	5409039.9	5333.20020	251.58	48.36	48.834318	-86.935567	56177.13	56251.9	-1.92	56175.21	56181.83594	56145.42468	56143.25391	504728.4	5409039.9
L4730.1	504728.4	5409041.7	5333.29981	250.06	48.36	48.834334	-86.935568	56177.26	56251.9	-1.93	56175.32	56181.91016	56145.44627	56143.21875	504728.4	5409041.7
L4730.1	504728.4	5409043.3	5333.39990	259.89	48.57	48.834348	-86.935568	56177.16	56251.9	-1.94	56175.21	56181.76172	56145.47361	56143.19141	504728.4	5409043.3
L4730.1	504728.4	5409043.3	5333.50000	258.13	48.57	48.834348	-86.935568	56177.13	56252	-1.96	56175.17	56181.68359	56145.50125	56143.16406	504728.4	5409043.3
L4730.1	504728.4	5409044.5	5333.60010	256.71	50.55	48.834358	-86.935568	56176.68	56252	-1.97	56174.71	56181.18359	56145.54296	56143.15234	504728.4	5409044.5
L4730.1	504728.4	5409045.7	5333.70020	257.05	50.25	48.834370	-86.935568	56177.71	56252	-1.98	56175.74	56182.17188	56145.55487	56143.11328	504728.4	5409045.7
L4730.1	504728.3	5409047.2	5333.79981	256.79	50.25	48.834383	-86.935568	56178.21	56252	-1.99	56176.22	56182.60938	56145.59121	56143.09766	504728.3	5409047.2

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4730.1	504728.3	5409048.7	5333.89990	255.98	50.87	48.834397	-86.935568	56177.76	56252	-2.00	56175.76	56182.10938	56145.66301	56143.12109	504728.3	5409048.7
L4730.1	504728.3	5409050.1	5334.00000	255.84	52.91	48.834410	-86.935568	56177.36	56252	-2.01	56175.35	56181.65625	56145.74515	56143.15234	504728.3	5409050.1
L4730.1	504728.3	5409050.1	5334.10010	257.04	52.91	48.834410	-86.935568	56178.14	56252	-2.02	56176.12	56182.38672	56145.81341	56143.17188	504728.3	5409050.1
L4730.1	504728.3	5409051.6	5334.20020	257.75	52.52	48.834422	-86.935568	56178.84	56252	-2.04	56176.81	56183.03125	56145.89599	56143.21094	504728.3	5409051.6
L4730.1	504728.3	5409053.6	5334.29981	258.46	50.12	48.834441	-86.935568	56177.66	56252.1	-2.05	56175.61	56181.78906	56146.01802	56143.28516	504728.3	5409053.6
L4730.1	504728.3	5409054.7	5334.39990	261.27	51.81	48.834451	-86.935568	56178.42	56252.1	-2.07	56176.36	56182.49219	56146.11251	56143.33594	504728.3	5409054.7
L4730.1	504728.3	5409054.7	5334.50000	261.04	51.81	48.834451	-86.935568	56179.02	56252.1	-2.08	56176.94	56183.02734	56146.21316	56143.39453	504728.3	5409054.7
L4730.1	504728.3	5409056.4	5334.60010	249.17	52.48	48.834466	-86.935568	56178.50	56252.1	-2.09	56176.41	56182.45313	56146.32084	56143.46094	504728.3	5409056.4
L4730.1	504728.3	5409057.8	5334.70020	249.30	52.48	48.834478	-86.935568	56178.54	56252.1	-2.11	56176.43	56182.42578	56146.41645	56143.51563	504728.3	5409057.8
L4730.1	504728.3	5409057.8	5334.79981	260.78	52.75	48.834478	-86.935568	56178.83	56252.1	-2.12	56176.71	56182.66016	56146.50173	56143.56250	504728.3	5409057.8
L4730.1	504728.3	5409060.0	5334.89990	263.56	52.75	48.834498	-86.935568	56178.97	56252.1	-2.14	56176.84	56182.74609	56146.57500	56143.59766	504728.3	5409060.0
L4730.1	504728.3	5409061.4	5335.00000	262.36	52.75	48.834510	-86.935568	56179.15	56252.2	-2.15	56177.00	56182.85938	56146.63305	56143.61719	504728.3	5409061.4
L4730.1	504728.3	5409062.8	5335.10010	262.78	51.14	48.834523	-86.935568	56179.01	56252.2	-2.16	56176.85	56182.66016	56146.67228	56143.62109	504728.3	5409062.8
L4730.1	504728.3	5409062.8	5335.20020	262.39	50.32	48.834523	-86.935568	56178.39	56252.2	-2.17	56176.21	56181.97266	56146.68880	56143.60156	504728.3	5409062.8
L4730.1	504728.3	5409065.7	5335.29981	263.42	50.32	48.834549	-86.935568	56178.88	56252.2	-2.19	56176.70	56182.41797	56146.69582	56143.57813	504728.3	5409065.7
L4730.1	504728.3	5409065.7	5335.39990	260.89	48.75	48.834549	-86.935568	56178.74	56252.2	-2.20	56176.54	56182.21094	56146.68146	56143.52734	504728.3	5409065.7
L4730.1	504728.3	5409065.7	5335.50000	259.44	48.75	48.834549	-86.935568	56179.18	56252.2	-2.21	56176.97	56182.58984	56146.65752	56143.47266	504728.3	5409065.7
L4730.1	504728.3	5409067.8	5335.60010	261.43	50.17	48.834568	-86.935568	56178.61	56252.2	-2.22	56176.38	56181.95313	56146.61135	56143.39844	504728.3	5409067.8
L4730.1	504728.3	5409069.5	5335.70020	260.88	50.17	48.834583	-86.935568	56178.62	56252.2	-2.23	56176.39	56181.91406	56146.55943	56143.31641	504728.3	5409069.5
L4730.1	504728.3	5409071.5	5335.79981	259.47	44.8	48.834602	-86.935568	56179.21	56252.2	-2.25	56176.97	56182.44922	56146.50300	56143.23047	504728.3	5409071.5
L4730.1	504728.3	5409073.1	5335.89990	260.07	44.8	48.834616	-86.935567	56179.38	56252.3	-2.26	56177.12	56182.55078	56146.43835	56143.13672	504728.3	5409073.1
L4730.1	504728.3	5409073.1	5336.00000	257.85	50.54	48.834616	-86.935567	56179.36	56252.3	-2.27	56177.09	56182.47266	56146.37092	56143.04297	504728.3	5409073.1
L4730.1	504728.4	5409074.6	5336.10010	257.81	50.54	48.834630	-86.935567	56178.93	56252.3	-2.28	56176.65	56181.98438	56146.30224	56142.94922	504728.4	5409074.6
L4730.1	504728.4	5409075.9	5336.20020	256.22	47.87	48.834641	-86.935567	56179.02	56252.3	-2.30	56176.73	56182.01563	56146.23991	56142.86328	504728.4	5409075.9
L4730.1	504728.4	5409077.8	5336.29981	257.75	47.87	48.834658	-86.935567	56178.74	56252.3	-2.31	56176.43	56181.66797	56146.18170	56142.78125	504728.4	5409077.8
L4730.1	504728.4	5409078.8	5336.39990	259.31	50.84	48.834667	-86.935566	56177.96	56252.3	-2.33	56175.64	56180.83203	56146.12774	56142.70703	504728.4	5409078.8
L4730.1	504728.4	5409078.8	5336.50000	258.34	50.84	48.834667	-86.935566	56178.20	56252.3	-2.34	56175.86	56181.00391	56146.08657	56142.64453	504728.4	5409078.8
L4730.1	504728.4	5409080.5	5336.60010	259.41	46.18	48.834683	-86.935566	56178.95	56252.4	-2.35	56176.59	56181.68750	56146.05854	56142.59375	504728.4	5409080.5
L4730.1	504728.4	5409080.5	5336.70020	261.90	47.96	48.834683	-86.935566	56178.96	56252.4	-2.37	56176.59	56181.64063	56146.03663	56142.55469	504728.4	5409080.5
L4730.1	504728.4	5409082.5	5336.79981	261.98	50.96	48.834700	-86.935566	56178.67	56252.4	-2.38	56176.29	56181.29297	56146.02287	56142.51953	504728.4	5409082.5
L4730.1	504728.5	5409084.1	5336.89990	263.20	50.96	48.834715	-86.935566	56178.30	56252.4	-2.40	56175.90	56180.85547	56146.01818	56142.50000	504728.5	5409084.1
L4730.1	504728.5	5409085.6	5337.00000	262.57	50.96	48.834728	-86.935566	56178.59	56252.4	-2.41	56176.18	56181.08984	56146.03525	56142.50000	504728.5	5409085.6
L4730.1	504728.5	5409085.6	5337.10010	260.87	51.09	48.834728	-86.935566	56178.47	56252.4	-2.42	56176.05	56180.91406	56146.05573	56142.50391	504728.5	5409085.6
L4730.1	504728.5	5409086.8	5337.20020	260.61	51.09	48.834739	-86.935565	56177.28	56252.4	-2.43	56174.85	56179.66797	56146.05535	56142.48828	504728.5	5409086.8
L4730.1	504728.5	5409088.2	5337.29981	260.40	49.97	48.834752	-86.935565	56177.43	56252.4	-2.44	56174.99	56179.76172	56146.09162	56142.51172	504728.5	5409088.2
L4730.1	504728.5	5409090.1	5337.39990	260.23	45.17	48.834769	-86.935565	56178.23	56252.5	-2.45	56175.78	56180.50781	56146.15554	56142.56250	504728.5	5409090.1
L4730.1	504728.5	5409090.1	5337.50000	258.13	45.17	48.834769	-86.935565	56177.28	56252.5	-2.46	56174.82	56179.50391	56146.15753	56142.55078	504728.5	5409090.1
L4730.1	504728.5	5409093.0	5337.60010	245.53	38.28	48.834795	-86.935565	56176.98	56252.5	-2.47	56174.51	56179.15234	56146.17796	56142.55859	504728.5	5409093.0
L4730.1	504728.5	5409093.0	5337.70020	244.46	38.28	48.834795	-86.935565	56177.41	56252.5	-2.48	56174.93	56179.52734	56146.22362	56142.59375	504728.5	5409093.0
L4730.1	504728.6	5409094.4	5337.79981	260.22	41.85	48.834808	-86.935564	56177.46	56252.5	-2.49	56174.97	56179.52344	56146.23935	56142.60156	504728.6	5409094.4
L4730.1	504728.6	5409094.4	5337.89990	260.19	45.45	48.834808	-86.935564	56176.44	56252.5	-2.50	56173.94	56178.45313	56146.17533	56142.52734	504728.6	5409094.4
L4730.1	504728.6	5409096.3	5338.00000	262.95	45.45	48.834825	-86.935564	56177.06	56252.5	-2.51	56174.55	56179.01953	56146.17895	56142.52344	504728.6	5409096.3
L4730.1	504728.6	5409097.5	5338.10010	264.14	50.96	48.834835	-86.935564	56177.27	56252.5	-2.52	56174.75	56179.17969	56146.12699	56142.46094	504728.6	5409097.5
L4730.1	504728.6	5409099.0	5338.20020	262.98	51.24	48.834849	-86.935564	56176.31	56252.5	-2.54	56173.77	56178.16016	56145.96054	56142.28906	504728.6	5409099.0
L4730.1	504728.6	5409100.4	5338.29981	263.57	51.24	48.834862	-86.935564	56177.08	56252.6	-2.55	56174.53	56178.87891	56145.86183	56142.18359	504728.6	5409100.4
L4730.1	504728.6	5409100.4	5338.39990	264.23	48.14	48.834862	-86.935564	56176.37	56252.6	-2.57	56173.80	56178.10938	56145.62427	56141.94141	504728.6	5409100.4
L4730.1	504728.6	5409101.9	5338.50000	263.22	48.14	48.834875	-86.935564	56176.88	56252.6	-2.58	56174.29	56178.55859	56145.41647	56141.72656	504728.6	5409101.9
L4730.1	504728.6	5409103.3	5338.60010	264.36	35.7	48.834887	-86.935564	56176.42	56252.6	-2.59	56173.82	56178.05078	56145.10932	56141.41797	504728.6	5409103.3
L4730.1	504728.6	5409103.3	5338.70020	263.97	46.01	48.834887	-86.935564	56175.24	56252.6	-2.61	56172.63	56176.82422	56144.73063	56141.03516	504728.6	5409103.3
L4730.1	504728.6	5409105.2	5338.79981	263.51	46.01	48.834905	-86.935564	56175.92	56252.6	-2.62	56173.30	56177.45703	56144.40835	56140.71094	504728.6	5409105.2
L4730.1	504728.6	5409106.8	5338.89990	261.91	50.19	48.834920	-86.935564	56176.06	56252.6	-2.64	56173.43	56177.55078	56144.02750	56140.32813	504728.6	5409106.8
L4730.1	504728.6	5409106.8	5339.00000	262.71	51.32	48.834920	-86.935564	56176.88	56252.7	-2.65	56174.22	56178.30469	56143.63675	56139.93359	504728.6	5409106.8
L4730.1	504728.6	5409108.5	5339.10010	263.66	51.32	48.834934	-86.935564	56175.18	56252.7	-2.66	56172.52	56176.57031	56143.16575	56139.46094	504728.6	5409108.5
L4730.1	504728.6	5409109.9	5339.20020	264.73	52	48.834947	-86.935564	56175.11	56252.7	-2.68	56172.43	56176.44531	56142.72368	56139.01953	504728.6	5409109.9
L4730.1	504728.6	5409111.6	5339.29981	249.22	50.53	48.834962	-86.935564	56175.56	56252.7	-2.69	56172.86	56176.84375	56142.26435	56138.55859	504728.6	5409111.6
L4730.1	504728.5	5409113.6	5339.39990	251.02	50.53	48.834981	-86.935564	56175.79	56252.7	-2.71	56173.09	56177.03906	56141.77675	56138.07422	504728.5	5409113.6
L4730.1	504728.5	5409113.6	5339.50000	261.21	52.67	48.834981	-86.935564	56175.00	56252.7	-2.72	56172.28	56176.19922	56141.28064	56137.57813	504728.5	5409113.6
L4730.1	504728.5	5409115.0	5339.60010	259.48	52.67	48.834993	-86.935564	56175.52	56252.7	-2.73	56172.79	56176.67578	56140.73735	56137.03516	504728.5	5409115.0
L4730.1	504728.5	5409116.9	5339.70020	257.61	53.34	48.835010	-86.935565	56174.88	56252.7	-2.75	56172.13	56175.98438	56140.20787	56136.50781	504728.5	5409116.9
L4730.1	504728.5	5409116.9	5339.79981	257.13	53.52	48.835010	-86.935565	56174.93	56252.8	-2.76	56172.17	56175.99609	56139.63343	56135.93750	504728.5	5409116.9
L4730.1	504728.5	5409118.5	5339.89990	257.47	53.52	48.835024	-86.935565	56175.33	56252.8	-2.78	56172.55	56176.34766	56139.01295	56135.32031	504728.5	5409118.5
L4730.1	504728.5	5409120.5	5340.00000	256.38	53.09	48.835043	-86.935565	56173.86	56252.8	-2.79	56171.07	56174.83984	56138.80856	56135.11719	504728.5	5409120.5
L4730.1	504728.4	5409122.2	5340.10010	246.99	53.09	48.835058	-86.935566	56174.38	56252.8	-2.80	56171.57	56175.31250	56138.53677	56134.85156	504728.4	5409122.2
L4730.1	504728.4	5409122.2	5340.20020	246.19	52.11	48.835058	-86.935566	56174.88	56252.8	-2.82	56172.06	56175.77734	56138.26032	56134.57813	504728.4	5409122.2
L4730.1	504728.4	5409123.7	5340.29981	260.03	52.11	48.835071	-86.935566	56174.70	56252.8	-2.83	56171.87	56175.56250	56138.02379	56134.34766	504728.4	5409123.7
L4730.1	504728.4	5409124.9	5340.39990	260.22	49.36	48.835082	-86.935566	56174.27	56252.8	-2.84	56171.43	56175.09766	56137.79844	56134.12891	504728.4	5409124.9
L4730.1	504728.4	5409126.7	5340.50000	259.02	49.36	48.835098	-86.935566	56175.18	56252.9	-2.85	56172.33	56175.97266	56137.47817	56133.81250	504728.4	5409126.7
L4730.1	504728.4	5409126.7	5340.60010	261.80	54	48.835098	-86.935566	56173.74	56252.9	-2.87	56170.87	56174.48828	56137.30956	56133.64844	504728.4	5409126.7
L4730.1	504728.4	5409128.4	5340.70020	260.64	54.77	48.835113	-86.935566	56173.74	56252.9	-2.88	56170.86	56174.45703	56137.03852	56133.38672	504728.4	5409128.4
L4730.1	504728.4	5409130.1	5340.79981	261.81	54.77	48.835128	-86.935566	56174.73	56252.9	-2.89	56171.83	56175.40625	56136.69630	56133.05078	504728.4	5409130.1
L4730.1	504728.4	5409131.3	5340.89990	247.53	54.77	48.835139	-86.935566	56173.79	56252.9	-2.91	56170.88	56174.43750	56136.47613	56132.83594	504728.4	5409131.3
L4730.1	504728.4	5409131.3	5341.00000	249.47	55.07	48.835139	-86.935566	56174.25	56252.9	-2.92	56171.33	56174.86719	56136.15658	56132.52344	504728.4	5409131.3
L4730.1	504728.4	5409132.7	5341.10010	248.32	55.11	48.835153	-86.935566	56174.20	56252.9	-2.93	56171.26	56174.77734	56135.86555	56132.24219	504728.4	5409132.7
L4730.1	504728.4	5409134.4	5341.20020	248.42	55.11	48.835168	-86.935566	56173.32	56252.9	-2.95	56170.37	56173.87109	56135.62296	56132.00781	504728.4	5409134.4
L4730.1	504728.4	5409135.9	5341.29981	249.40	55.14	48.835181	-86.935566	56172.88	56253	-2.96	56169.92	56173.40234	56135.34470	56131.73438	504728.4	5409135.9
L4730.1	504728.4	5409135.9	5341.39990	248.93	55.14	48.835181	-86.935566	56172.22	56253	-2.97	56169.25	56172.71484	56135.07469	56131.47266	504728.4	5409135.9
L4730.1	504728.4	5409137.8	5341.50000	249.98	55.03	48.835198	-86.935566	56173.33	56253	-2.99	56170.35	56173.80078	56134.68014	56131.08984	504728.4	5409137.8
L4730.1	504728.4	5409139.3	5341.60010	246.53	55.03	48.835211	-86.935566	56173.57	56253	-3.00	56170.57	56174.00781	56134.33765	56130.75391	504728.4	5409139.3
L4730.1	504728.4	5409139.3	5341.70020	246.08	54.23	48.835211	-86.935566	56172.75	56253	-3.01	56169.74	56173.16406	56134.05843	56130.48438	504728.4	5409139.3
L4730.1	504728.3	5409141.2	5341.79981	248.30	54.23	48.835229	-86.935567	56172.15	56253	-3.02	56169.12	56172.53125	56133.75841	56130.19531	504728.3	5409141.2
L4730.1	504728.3	5409142.9	5341.89990	248.72	54.16	48.835244	-86.935567	56172.20	56253	-3.04	56169.16	56172.55859	56133.40749	56129.85156	504728.3	5409142.9
L4730.1	504728.3	5409144.1	5342.00000	246.48	53.33	48.835255	-86.935567	56172.62	56253.1	-3.05	56169.57	56172.95703	56133.02492	56129.48047	504728.3	5409144.1
L4730.1	504728.3	5409144.1	5342.10010	246.31	53.33	48.835255	-86.935567	56171.29	56253.1	-3.06	56168.22	56171.59766	56132.75259	56129.21484	504728.3	5409144.1
L4730.1	504728.3	5409145.3	5342.20020	247.79	53.78	48.835266	-86.935567	56171.42	56253.1	-3.08	56168.34	56171.70703	56132.37511	56128.84766	504728.3	5409145.3
L4730.1	504728.3	5409147.0	5342.29981	247.43	53.78	48.835281	-86.935567	56171.71	56253.1	-3.09	56168.61	56171.96875	56131.98037	56128.46484	504728.3	5409147.0
L4730.1	504728.3	5409147.0	5342.39990	248.79	54.42	48.835281	-86.935567	56171.70	56253.1	-3.11	56168.59	56171.94141	56131.59764	56128.09375	504728.3	5409147.0
L4730.1	504728.3	5409149.0	5342.50000	246.76	54.2	48.835298	-86.935567	56171.06	56253.1	-3.12	56167.94	56171.28516	56131.24950	56127.75391	504728.3	5409149.0
L4730.1	504728.3	5409150.4	5342.60010	247.59	54.2	48.835311	-86.935567	56169.77	56253.1	-3.13	56166.64	56169.98047	56130.93722	56127.45313	504728.3	5409150.4
L4730.1	504728.3	5409152.1	5342.70020	248.27	53.98	48.835327	-86.935567	56170.57	56253.1	-3.15	56167.43	56170.76563	56130.47806	56127.00391	504728.3	5409152.1
L4730.1	504728.3	5409153.5	5342.79981	248.23	53.83	48.835340	-86.935566	56170.71	56253.2	-3.16	56167.55	56170.87891	56130.05594	56126.59375	504728.3	5409153.5
L4730.1	504728.4	5409154.8	5342.89990	249.78	53.83	48.835351	-86.935566	56169.86	56253.2	-3.18	56166.69	56170.01563	56129.69148	56126.23828	504728.4	5409154.8
L4730.1	504728.4	5409154.8	5343.00000	261.51	48.71	48.835351	-86.935566	56168.56	56253.2	-3.19	56165.36	56168.68359	56129.35061	56125.90625	504728.4	5409154.8
L4730.1	504728.4	5409156.5	5343.10010	261.11	48.71	48.835366	-86.935566	56169.60	56253.2	-3.20	56166.40	56169.71875	56128.84395	56125.41016	504728.4	5409156.5

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4730.1	504728.4	5409157.9	5343.20020	247.08	47.39	48.835379	-86.935566	56168.38	56253.2	-3.21	56165.17	56168.48828	56128.48078	56125.05859	504728.4	5409157.9
L4730.1	504728.4	5409157.9	5343.29981	243.64	50.71	48.835379	-86.935566	56168.25	56253.2	-3.22	56165.03	56168.34766	56128.03706	56124.62500	504728.4	5409157.9
L4730.1	504728.4	5409159.3	5343.39990	256.53	50.92	48.835391	-86.935566	56168.05	56253.2	-3.23	56164.81	56168.12891	56127.59074	56124.19141	504728.4	5409159.3
L4730.1	504728.4	5409160.6	5343.50000	245.54	52.53	48.835403	-86.935566	56167.42	56253.2	-3.25	56164.18	56167.50000	56127.16378	56123.77344	504728.4	5409160.6
L4730.1	504728.4	5409162.1	5343.60010	246.75	52.53	48.835417	-86.935565	56166.98	56253.3	-3.26	56163.72	56167.03906	56126.71748	56123.33984	504728.4	5409162.1
L4730.1	504728.4	5409163.3	5343.70020	257.59	46.33	48.835427	-86.935565	56166.54	56253.3	-3.27	56163.27	56166.59375	56126.26249	56122.89453	504728.4	5409163.3
L4730.1	504728.4	5409164.9	5343.79981	257.17	46.26	48.835442	-86.935565	56166.38	56253.3	-3.28	56163.10	56166.42578	56125.78077	56122.42188	504728.4	5409164.9
L4730.1	504728.5	5409166.2	5343.89990	258.06	46.26	48.835453	-86.935565	56164.93	56253.3	-3.29	56161.64	56164.96875	56125.37697	56122.03125	504728.5	5409166.2
L4730.1	504728.5	5409166.2	5344.00000	259.10	44.68	48.835453	-86.935565	56164.67	56253.3	-3.30	56161.37	56164.70313	56124.88574	56121.55078	504728.5	5409166.2
L4730.1	504728.5	5409167.6	5344.10010	243.20	44.68	48.835467	-86.935565	56163.38	56253.3	-3.32	56160.07	56163.40625	56124.45506	56121.12891	504728.5	5409167.6
L4730.1	504728.5	5409169.8	5344.20020	243.31	43.34	48.835486	-86.935564	56163.24	56253.3	-3.33	56159.91	56163.25391	56123.94025	56120.62500	504728.5	5409169.8
L4730.1	504728.5	5409170.6	5344.29981	243.63	39.77	48.835493	-86.935564	56163.32	56253.4	-3.35	56159.97	56163.31641	56123.40263	56120.09766	504728.5	5409170.6
L4730.1	504728.5	5409172.2	5344.39990	258.41	39.77	48.835508	-86.935564	56161.56	56253.4	-3.37	56158.19	56161.54297	56122.97953	56119.68359	504728.5	5409172.2
L4730.1	504728.5	5409173.7	5344.50000	259.85	43	48.835521	-86.935564	56161.92	56253.4	-3.39	56158.54	56161.90234	56122.40628	56119.12109	504728.5	5409173.7
L4730.1	504728.5	5409173.7	5344.60010	260.21	40.8	48.835521	-86.935564	56160.72	56253.4	-3.40	56157.32	56160.68750	56121.92953	56118.65234	504728.5	5409173.7
L4730.1	504728.5	5409175.2	5344.70020	257.29	40.8	48.835535	-86.935564	56160.84	56253.4	-3.42	56157.42	56160.79688	56121.35662	56118.08984	504728.5	5409175.2
L4730.1	504728.5	5409176.7	5344.79981	257.65	43.1	48.835548	-86.935564	56159.31	56253.4	-3.44	56155.87	56159.25781	56120.88554	56117.62891	504728.5	5409176.7
L4730.1	504728.5	5409176.7	5344.89990	258.69	44.01	48.835548	-86.935564	56158.82	56253.5	-3.45	56155.36	56158.75391	56120.35424	56117.10547	504728.5	5409176.7
L4730.1	504728.5	5409179.7	5345.00000	259.71	44.66	48.835575	-86.935564	56157.66	56253.5	-3.47	56154.19	56157.59375	56120.13074	56116.89063	504728.5	5409179.7
L4730.1	504728.5	5409179.7	5345.10010	257.45	44.66	48.835575	-86.935564	56157.32	56253.5	-3.49	56153.84	56157.25391	56119.83725	56116.60547	504728.5	5409179.7
L4730.1	504728.5	5409181.6	5345.20020	256.51	47.67	48.835592	-86.935564	56156.52	56253.5	-3.50	56153.02	56156.44531	56119.54557	56116.32422	504728.5	5409181.6
L4730.1	504728.5	5409182.9	5345.29981	257.98	47.67	48.835604	-86.935564	56156.16	56253.5	-3.51	56152.65	56156.08594	56119.21306	56116.00000	504728.5	5409182.9
L4730.1	504728.5	5409182.9	5345.39990	258.35	43.17	48.835604	-86.935564	56156.17	56253.5	-3.53	56152.64	56156.08594	56118.85193	56115.64453	504728.5	5409182.9
L4730.1	504728.5	5409184.7	5345.50000	255.01	47.82	48.835620	-86.935564	56155.51	56253.5	-3.55	56151.96	56155.41797	56118.48721	56115.28906	504728.5	5409184.7
L4730.1	504728.5	5409186.1	5345.60010	254.68	47.82	48.835633	-86.935564	56153.91	56253.6	-3.56	56150.35	56153.82031	56118.10835	56114.91797	504728.5	5409186.1
L4730.1	504728.5	5409186.1	5345.70020	258.00	47.95	48.835633	-86.935564	56153.42	56253.6	-3.58	56149.85	56153.33203	56117.68488	56114.50000	504728.5	5409186.1
L4730.1	504728.5	5409188.9	5345.79981	258.82	47.95	48.835658	-86.935564	56153.07	56253.6	-3.59	56149.48	56152.97656	56117.23787	56114.06250	504728.5	5409188.9
L4730.1	504728.5	5409188.9	5345.89990	259.80	43.8	48.835658	-86.935564	56152.14	56253.6	-3.61	56148.54	56152.04688	56116.76678	56113.59766	504728.5	5409188.9
L4730.1	504728.5	5409190.6	5346.00000	261.77	44.4	48.835673	-86.935564	56151.56	56253.6	-3.62	56147.94	56151.46094	56116.27184	56113.10938	504728.5	5409190.6
L4730.1	504728.5	5409192.3	5346.10010	262.95	44.4	48.835688	-86.935564	56151.25	56253.6	-3.63	56147.62	56151.15625	56115.75848	56112.60156	504728.5	5409192.3
L4730.1	504728.5	5409193.3	5346.20020	261.51	41.12	48.835698	-86.935564	56149.16	56253.6	-3.64	56145.52	56149.06641	56115.19985	56112.05078	504728.5	5409193.3
L4730.1	504728.5	5409193.3	5346.29981	263.29	41.12	48.835698	-86.935564	56148.93	56253.7	-3.65	56145.28	56148.84375	56114.64730	56111.50000	504728.5	5409193.3
L4730.1	504728.5	5409195.0	5346.39990	263.27	46.21	48.835713	-86.935564	56148.06	56253.7	-3.66	56144.40	56147.97656	56114.06534	56110.92578	504728.5	5409195.0
L4730.1	504728.5	5409197.1	5346.50000	262.82	46.07	48.835732	-86.935564	56147.73	56253.7	-3.67	56144.06	56147.64844	56113.47804	56110.34375	504728.5	5409197.1
L4730.1	504728.5	5409198.5	5346.60010	261.81	46.07	48.835744	-86.935564	56147.21	56253.7	-3.68	56143.53	56147.13281	56112.87029	56109.73828	504728.5	5409198.5
L4730.1	504728.5	5409198.5	5346.70020	259.37	45.03	48.835744	-86.935564	56145.64	56253.7	-3.69	56141.95	56145.56641	56112.21808	56109.08984	504728.5	5409198.5
L4730.1	504728.5	5409199.7	5346.79981	260.54	45.03	48.835755	-86.935564	56145.51	56253.7	-3.70	56141.81	56145.44141	56111.58684	56108.46484	504728.5	5409199.7
L4730.1	504728.5	5409201.5	5346.89990	259.23	47.99	48.835771	-86.935564	56144.57	56253.7	-3.71	56140.86	56144.50781	56110.91275	56107.79297	504728.5	5409201.5
L4730.1	504728.5	5409202.8	5347.00000	260.12	47.99	48.835783	-86.935563	56143.70	56253.7	-3.72	56139.97	56143.62891	56110.21828	56107.10156	504728.5	5409202.8
L4730.1	504728.5	5409202.8	5347.10010	260.40	48.59	48.835783	-86.935563	56142.96	56253.7	-3.74	56139.22	56142.89453	56109.50283	56106.38672	504728.5	5409202.8
L4730.1	504728.5	5409204.5	5347.20020	260.76	48.72	48.835798	-86.935563	56142.00	56253.8	-3.75	56138.25	56141.93750	56108.75318	56105.64063	504728.5	5409204.5
L4730.1	504728.5	5409205.7	5347.29981	247.30	48.72	48.835809	-86.935564	56141.31	56253.8	-3.76	56137.54	56141.24219	56107.98425	56104.87500	504728.5	5409205.7
L4730.1	504728.5	5409207.1	5347.39990	249.14	48.72	48.835822	-86.935564	56140.96	56253.8	-3.78	56137.18	56140.89844	56107.19860	56104.08984	504728.5	5409207.1
L4730.1	504728.5	5409207.1	5347.50000	259.57	47.48	48.835822	-86.935564	56139.31	56253.8	-3.79	56135.52	56139.25000	56106.35468	56103.24609	504728.5	5409207.1
L4730.1	504728.5	5409208.7	5347.60010	260.52	44.35	48.835835	-86.935564	56138.16	56253.8	-3.81	56134.35	56138.09375	56105.50529	56102.39844	504728.5	5409208.7
L4730.1	504728.5	5409209.9	5347.70020	259.64	44.35	48.835847	-86.935564	56138.02	56253.8	-3.83	56134.19	56137.94922	56104.65921	56101.55078	504728.5	5409209.9
L4730.1	504728.5	5409211.3	5347.79981	260.19	46.26	48.835859	-86.935564	56137.65	56253.8	-3.84	56133.81	56137.58203	56103.78788	56100.67969	504728.5	5409211.3
L4730.1	504728.5	5409213.0	5347.89990	261.29	46.26	48.835875	-86.935564	56135.47	56253.9	-3.86	56131.62	56135.40234	56102.87717	56099.76563	504728.5	5409213.0
L4730.1	504728.5	5409214.5	5348.00000	261.02	47.29	48.835888	-86.935564	56134.82	56253.9	-3.87	56130.95	56134.74609	56101.97654	56098.86328	504728.5	5409214.5
L4730.1	504728.5	5409214.5	5348.10010	262.08	45.6	48.835888	-86.935564	56133.82	56253.9	-3.89	56129.94	56133.75000	56101.06197	56097.94922	504728.5	5409214.5
L4730.1	504728.5	5409215.9	5348.20020	261.63	45.6	48.835901	-86.935564	56134.54	56253.9	-3.90	56130.64	56134.46094	56100.13909	56097.02344	504728.5	5409215.9
L4730.1	504728.5	5409217.6	5348.29981	262.65	49.82	48.835916	-86.935564	56132.53	56253.9	-3.92	56128.61	56132.44141	56099.20432	56096.08203	504728.5	5409217.6
L4730.1	504728.4	5409219.8	5348.39990	261.18	49.82	48.835936	-86.935564	56131.90	56253.9	-3.93	56127.97	56131.81250	56098.26051	56095.13672	504728.4	5409219.8
L4730.1	504728.4	5409219.8	5348.50000	261.30	49.08	48.835936	-86.935564	56130.16	56253.9	-3.94	56126.22	56130.07422	56097.32163	56094.19141	504728.4	5409219.8
L4730.1	504728.4	5409221.4	5348.60010	259.48	49.81	48.835950	-86.935565	56129.72	56254	-3.96	56125.76	56129.62500	56096.36545	56093.23047	504728.4	5409221.4
L4730.1	504728.4	5409223.0	5348.70020	258.25	49.81	48.835964	-86.935565	56128.89	56254	-3.97	56124.92	56128.79688	56095.40956	56092.26953	504728.4	5409223.0
L4730.1	504728.4	5409223.0	5348.79981	258.60	44.4	48.835964	-86.935565	56127.95	56254	-3.99	56123.96	56127.84375	56094.45560	56091.30859	504728.4	5409223.0
L4730.1	504728.4	5409224.7	5348.89990	257.47	44.4	48.835980	-86.935565	56127.02	56254	-4.00	56123.02	56126.91406	56093.50413	56090.35156	504728.4	5409224.7
L4730.1	504728.4	5409226.1	5349.00000	256.32	45.75	48.835993	-86.935565	56125.73	56254	-4.02	56121.71	56125.61328	56092.56834	56089.41016	504728.4	5409226.1
L4730.1	504728.3	5409227.7	5349.10010	256.98	45.75	48.836007	-86.935566	56125.04	56254	-4.03	56121.01	56124.91797	56091.62454	56088.45703	504728.3	5409227.7
L4730.1	504728.3	5409227.7	5349.20020	257.33	46.41	48.836007	-86.935566	56123.05	56254	-4.05	56119.01	56122.92578	56090.72885	56087.55469	504728.3	5409227.7
L4730.1	504728.3	5409229.3	5349.29981	256.81	43.13	48.836021	-86.935566	56122.24	56254.1	-4.06	56118.18	56122.10156	56089.80723	56086.62109	504728.3	5409229.3
L4730.1	504728.3	5409230.7	5349.39990	257.16	43.13	48.836034	-86.935567	56121.34	56254.1	-4.07	56117.26	56121.18750	56088.89650	56085.70313	504728.3	5409230.7
L4730.1	504728.2	5409232.1	5349.50000	258.19	43.13	48.836047	-86.935567	56120.32	56254.1	-4.08	56116.24	56120.17578	56087.99674	56084.79297	504728.2	5409232.1
L4730.1	504728.2	5409232.1	5349.60010	258.44	43.36	48.836047	-86.935567	56120.22	56254.1	-4.10	56116.12	56120.05859	56087.07916	56083.86328	504728.2	5409232.1
L4730.1	504728.2	5409233.8	5349.70020	259.51	43.36	48.836062	-86.935567	56118.70	56254.1	-4.11	56114.58	56118.52344	56086.21113	56082.98438	504728.2	5409233.8
L4730.1	504728.2	5409235.2	5349.79981	261.28	46.27	48.836074	-86.935567	56117.69	56254.1	-4.12	56113.56	56117.50781	56085.33306	56082.09375	504728.2	5409235.2
L4730.1	504728.2	5409236.8	5349.89990	259.84	46.51	48.836089	-86.935567	56116.42	56254.1	-4.14	56112.28	56116.23047	56084.46136	56081.20703	504728.2	5409236.8
L4730.1	504728.2	5409238.6	5350.00000	259.54	46.51	48.836105	-86.935567	56115.97	56254.2	-4.15	56111.82	56115.76953	56083.57144	56080.30469	504728.2	5409238.6
L4730.1	504728.2	5409238.6	5350.10010	259.07	44.58	48.836105	-86.935567	56114.42	56254.2	-4.16	56110.26	56114.21094	56082.69309	56079.41016	504728.2	5409238.6
L4730.1	504728.2	5409240.3	5350.20020	260.27	44.58	48.836120	-86.935567	56113.54	56254.2	-4.18	56109.36	56113.31250	56081.79292	56078.49609	504728.2	5409240.3
L4730.1	504728.2	5409240.3	5350.29981	251.23	44.67	48.836120	-86.935567	56112.88	56254.2	-4.19	56108.69	56112.64063	56080.87654	56077.56250	504728.2	5409240.3
L4730.1	504728.2	5409241.6	5350.39990	249.83	46.35	48.836132	-86.935567	56111.32	56254.2	-4.21	56107.11	56111.05859	56079.94607	56076.61719	504728.2	5409241.6
L4730.1	504728.2	5409243.0	5350.50000	260.21	46.35	48.836144	-86.935567	56109.94	56254.2	-4.22	56105.72	56109.66797	56078.99041	56075.64453	504728.2	5409243.0
L4730.1	504728.2	5409244.6	5350.60010	261.91	46.35	48.836159	-86.935567	56109.52	56254.2	-4.23	56105.29	56109.23438	56078.01066	56074.64453	504728.2	5409244.6
L4730.1	504728.2	5409245.9	5350.70020	261.61	46.82	48.836171	-86.935567	56108.05	56254.2	-4.25	56103.80	56107.73828	56077.00363	56073.62109	504728.2	5409245.9
L4730.1	504728.2	5409245.9	5350.79981	263.07	46.22	48.836171	-86.935567	56107.06	56254.3	-4.26	56102.80	56106.73438	56075.96961	56072.56641	504728.2	5409245.9
L4730.1	504728.2	5409247.5	5350.89990	251.42	46.22	48.836185	-86.935567	56105.98	56254.3	-4.28	56101.70	56105.62891	56074.90756	56071.48438	504728.2	5409247.5
L4730.1	504728.2	5409248.9	5351.00000	248.92	47.52	48.836197	-86.935567	56105.27	56254.3	-4.29	56100.98	56104.90234	56073.81954	56070.37500	504728.2	5409248.9
L4730.1	504728.2	5409250.3	5351.10010	262.72	42.57	48.836210	-86.935567	56103.87	56254.3	-4.30	56099.57	56103.48438	56072.70143	56069.23438	504728.2	5409250.3
L4730.1	504728.2	5409250.3	5351.20020	263.39	42.57	48.836210	-86.935567	56102.54	56254.3	-4.32	56098.22	56102.12500	56071.55823	56068.07031	504728.2	5409250.3
L4730.1	504728.2	5409251.9	5351.29981	263.39	42.57	48.836224	-86.935567	56100.23	56254.3	-4.33	56095.90	56099.79297	56070.39145	56066.87891	504728.2	5409251.9
L4730.1	504728.2	5409253.5	5351.39990	262.10	45.34	48.836239	-86.935567	56100.77	56254.3	-4.34	56096.42	56100.30078	56069.20563	56065.66797	504728.2	5409253.5
L4730.1	504728.2	5409253.5	5351.50000	259.28	44.5	48.836239	-86.935567	56098.46	56254.4	-4.35	56094.11	56097.98047	56068.00618	56064.44531	504728.2	5409253.5
L4730.1	504728.2	5409255.1	5351.60010	258.71	44.5	48.836253	-86.935567	56096.48	56254.4	-4.37	56092.12	56095.97656	56066.79560	56063.21094	504728.2	5409255.1
L4730.1	504728.2	5409256.3	5351.70020	258.61	47.09	48.836264	-86.935567	56095.75	56254.4	-4.38	56091.37	56095.21094	56065.56706	56061.95313	504728.2	5409256.3
L4730.1	504728.2	5409257.8	5351.79981	259.52	42.69	48.836277	-86.935567	56094.64	56254.4	-4.39	56090.25	56094.07422	56064.33324	56060.69531	504728.2	5409257.8
L4730.1	504728.3	5409258.9	5351.89990	259.43	42.69	48.836288	-86.935566	56093.66	56254.4	-4.41	56089.25	56093.05859	56063.09651	56059.42969	504728.3	5409258.9
L4730.1	504728.3	5409260.2	5352.00000	259.49	49.35	48.836299	-86.935566	56091.58	56254.4	-4.42	56087.16	56090.94922	56061.87693	56058.17969	504728.3	5409260.2
L4730.1	504728.3	5409260.2	5352.10010	259.72	48.16	48.836299	-86.935566	56089.94	56254.4	-4.43	56085.51	56089.28125	56060.66215	56056.93750	504728.3	5409260.2
L4730.1	504728.3	5409261.5	5352.20020	258.98	48.16	48.836311	-86.935566	56089.00	56254.4	-4.45	56084.56	56088.31250	56059.45222	56055.69531	504728.3	5409261.5
L4730.1	504728.3	5409263.3	5352.29981	258.31	49.18	48.836327	-86.935566	56086.77	56254.5	-4.46	56082.31	56086.03906	56058.27168	56054.48438	504728.3	5409263.3
L4730.1	504728.3	5409264.4	5352.39990	258.31	49.18	48.836337	-86.935565	56086.14	56254.5	-4.48	56081.67	56085.37500	56057.09428	56053.27734	504728.3	5409264.4

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4730.1	504728.3	5409266.0	5352.50000	258.91	49.48	48.836351	-86.935565	56083.64	56254.5	-4.49	56079.15	56082.83203	56055.94223	56052.08984	504728.3	5409266.0
L4730.1	504728.3	5409266.0	5352.60010	259.06	46.66	48.836351	-86.935565	56082.32	56254.5	-4.50	56077.82	56081.47656	56054.80119	56050.91797	504728.3	5409266.0
L4730.1	504728.4	5409267.5	5352.70020	259.45	46.66	48.836365	-86.935565	56081.16	56254.5	-4.52	56076.65	56080.28125	56053.67421	56049.75391	504728.4	5409267.5
L4730.1	504728.4	5409268.7	5352.79981	259.46	43.96	48.836375	-86.935565	56079.24	56254.5	-4.53	56074.71	56078.31250	56052.54031	56048.58594	504728.4	5409268.7
L4730.1	504728.4	5409270.1	5352.89990	259.03	43.96	48.836388	-86.935565	56077.85	56254.5	-4.55	56073.30	56076.87109	56051.41581	56047.42578	504728.4	5409270.1
L4730.1	504728.4	5409271.5	5353.00000	256.37	45.78	48.836401	-86.935565	56076.91	56254.6	-4.56	56072.35	56075.89063	56050.30541	56046.27734	504728.4	5409271.5
L4730.1	504728.4	5409272.8	5353.10010	256.18	47.16	48.836413	-86.935565	56074.36	56254.6	-4.58	56069.78	56073.28906	56049.11030	56045.04688	504728.4	5409272.8
L4730.1	504728.4	5409273.9	5353.20020	258.53	45.85	48.836422	-86.935565	56073.02	56254.6	-4.59	56068.42	56071.89453	56047.95019	56043.84766	504728.4	5409273.9
L4730.1	504728.4	5409273.9	5353.29981	258.91	45.85	48.836422	-86.935565	56072.03	56254.6	-4.61	56067.42	56070.85938	56046.79518	56042.65625	504728.4	5409273.9
L4730.1	504728.4	5409275.6	5353.39990	260.55	45.85	48.836438	-86.935565	56068.59	56254.6	-4.62	56063.97	56067.37500	56045.42608	56041.24609	504728.4	5409275.6
L4730.1	504728.4	5409277.5	5353.50000	262.92	45.3	48.836455	-86.935565	56067.96	56254.6	-4.64	56063.32	56066.68750	56044.23803	56040.01563	504728.4	5409277.5
L4730.1	504728.4	5409277.5	5353.60010	265.65	48.62	48.836455	-86.935565	56065.76	56254.7	-4.66	56061.10	56064.42969	56042.87776	56038.61719	504728.4	5409277.5
L4730.1	504728.4	5409280.5	5353.70020	266.78	48.62	48.836481	-86.935565	56064.49	56254.7	-4.67	56059.82	56063.10938	56041.56352	56037.26172	504728.4	5409280.5
L4730.1	504728.4	5409280.5	5353.79981	266.91	50.04	48.836481	-86.935565	56061.88	56254.7	-4.69	56057.20	56060.44531	56040.06694	56035.71875	504728.4	5409280.5
L4730.1	504728.4	5409281.8	5353.89990	268.25	50.04	48.836494	-86.935565	56060.55	56254.7	-4.70	56055.84	56059.04297	56038.65348	56034.26563	504728.4	5409281.8
L4730.1	504728.4	5409283.3	5354.00000	268.64	50.04	48.836507	-86.935564	56059.03	56254.7	-4.72	56054.31	56057.46875	56037.17606	56032.74219	504728.4	5409283.3
L4730.1	504728.4	5409284.9	5354.10010	267.49	50.32	48.836521	-86.935564	56055.84	56254.7	-4.73	56051.11	56054.22266	56035.47157	56030.99219	504728.4	5409284.9
L4730.1	504728.4	5409286.6	5354.20020	267.32	49.44	48.836537	-86.935564	56055.76	56254.7	-4.75	56051.02	56054.08594	56034.06120	56029.53516	504728.4	5409286.6
L4730.1	504728.4	5409286.6	5354.29981	266.99	49.44	48.836537	-86.935564	56051.21	56254.8	-4.76	56046.46	56049.47656	56032.13685	56027.56641	504728.4	5409286.6
L4730.1	504728.4	5409288.0	5354.39990	264.82	49.65	48.836549	-86.935564	56050.64	56254.8	-4.77	56045.87	56048.83594	56030.59087	56025.97266	504728.4	5409288.0
L4730.1	504728.4	5409289.4	5354.50000	264.35	49.65	48.836562	-86.935564	56048.86	56254.8	-4.79	56044.07	56046.98438	56028.88614	56024.21875	504728.4	5409289.4
L4730.1	504728.4	5409289.4	5354.60010	262.58	49.04	48.836562	-86.935564	56046.66	56254.8	-4.80	56041.86	56044.71875	56027.11563	56022.40234	504728.4	5409289.4
L4730.1	504728.4	5409290.8	5354.70020	262.93	48.8	48.836575	-86.935564	56043.93	56254.8	-4.81	56039.11	56041.91406	56025.28287	56020.51953	504728.4	5409290.8
L4730.1	504728.5	5409292.3	5354.79981	262.73	48.8	48.836588	-86.935563	56041.90	56254.8	-4.82	56037.08	56039.82813	56023.49083	56018.67578	504728.5	5409292.3
L4730.1	504728.5	5409293.7	5354.89990	262.15	49.7	48.836601	-86.935563	56039.98	56254.8	-4.84	56035.14	56037.83203	56021.68850	56016.82422	504728.5	5409293.7
L4730.1	504728.5	5409293.7	5355.00000	259.80	44.88	48.836601	-86.935563	56037.18	56254.8	-4.85	56032.33	56034.96094	56019.83362	56014.91797	504728.5	5409293.7
L4730.1	504728.5	5409296.6	5355.10010	258.10	44.88	48.836627	-86.935563	56034.75	56254.9	-4.86	56029.88	56032.44922	56018.00017	56013.03125	504728.5	5409296.6
L4730.1	504728.5	5409296.6	5355.20020	258.67	44.88	48.836627	-86.935563	56032.72	56254.9	-4.88	56027.85	56030.35938	56016.18131	56011.16016	504728.5	5409296.6
L4730.1	504728.5	5409298.3	5355.29981	258.56	47.02	48.836641	-86.935563	56029.46	56254.9	-4.89	56024.57	56027.01563	56014.34191	56009.26953	504728.5	5409298.3
L4730.1	504728.5	5409298.3	5355.39990	258.10	46.47	48.836641	-86.935563	56027.56	56254.9	-4.90	56022.66	56025.03906	56012.53306	56007.40625	504728.5	5409298.3
L4730.1	504728.5	5409299.9	5355.50000	256.64	48.14	48.836656	-86.935562	56024.81	56254.9	-4.92	56019.89	56022.20313	56010.72420	56005.54297	504728.5	5409299.9
L4730.1	504728.5	5409301.6	5355.60010	256.49	48.14	48.836671	-86.935562	56022.45	56254.9	-4.93	56017.53	56019.77344	56008.92253	56003.68750	504728.5	5409301.6
L4730.1	504728.5	5409303.0	5355.70020	257.16	48.85	48.836684	-86.935562	56019.85	56254.9	-4.94	56014.91	56017.08594	56007.12661	56001.83594	504728.5	5409303.0
L4730.1	504728.5	5409303.0	5355.79981	257.11	48.87	48.836684	-86.935562	56017.70	56255	-4.95	56012.74	56014.84375	56005.32492	55999.97656	504728.5	5409303.0
L4730.1	504728.5	5409304.5	5355.89990	259.82	48.87	48.836698	-86.935563	56013.98	56255	-4.97	56009.01	56011.04297	56003.55406	55998.14844	504728.5	5409304.5
L4730.1	504728.5	5409306.1	5356.00000	260.78	49.1	48.836712	-86.935563	56011.38	56255	-4.98	56006.39	56008.34766	56001.75826	55996.29688	504728.5	5409306.1
L4730.1	504728.5	5409307.7	5356.10010	262.69	49.1	48.836727	-86.935563	56008.44	56255	-4.99	56003.45	56005.33203	55999.96399	55994.44531	504728.5	5409307.7
L4730.1	504728.5	5409307.7	5356.20020	259.86	43.41	48.836727	-86.935563	56005.31	56255	-5.00	56000.30	56002.10547	55998.16720	55992.58984	504728.5	5409307.7
L4730.1	504728.5	5409310.6	5356.29981	259.80	43.41	48.836752	-86.935562	56001.61	56255	-5.02	55996.60	55998.32813	55996.37520	55990.73828	504728.5	5409310.6
L4730.1	504728.5	5409310.6	5356.39990	260.05	49.06	48.836752	-86.935562	55998.47	56255	-5.03	55993.44	55995.08984	55994.55647	55988.86328	504728.5	5409310.6
L4730.1	504728.5	5409312.2	5356.50000	258.71	49.06	48.836767	-86.935562	55995.46	56255	-5.04	55990.42	55991.98828	55992.72066	55986.96484	504728.5	5409312.2
L4730.1	504728.5	5409313.7	5356.60010	258.21	49.15	48.836780	-86.935562	55991.97	56255.1	-5.05	55986.92	55988.40625	55990.88339	55985.06641	504728.5	5409313.7
L4730.1	504728.5	5409313.7	5356.70020	258.58	49.15	48.836780	-86.935562	55988.86	56255.1	-5.06	55983.79	55985.19531	55989.02254	55983.14844	504728.5	5409313.7
L4730.1	504728.5	5409315.0	5356.79981	249.28	46.23	48.836792	-86.935562	55985.42	56255.1	-5.08	55980.35	55981.66797	55987.15593	55981.21875	504728.5	5409315.0
L4730.1	504728.5	5409316.4	5356.89990	248.02	46.23	48.836805	-86.935562	55981.65	56255.1	-5.09	55976.56	55977.79297	55985.28475	55979.28516	504728.5	5409316.4
L4730.1	504728.5	5409317.6	5357.00000	259.65	47.93	48.836816	-86.935562	55977.15	56255.1	-5.10	55972.05	55973.19531	55983.41700	55977.35547	504728.5	5409317.6
L4730.1	504728.5	5409319.2	5357.10010	260.74	47.93	48.836830	-86.935562	55974.19	56255.1	-5.12	55969.07	55970.12891	55981.50547	55975.38281	504728.5	5409319.2
L4730.1	504728.5	5409319.2	5357.20020	260.85	48.22	48.836830	-86.935562	55969.46	56255.1	-5.14	55964.32	55965.28906	55979.61920	55973.43359	504728.5	5409319.2
L4730.1	504728.5	5409320.7	5357.29981	260.20	48.22	48.836843	-86.935562	55965.59	56255.2	-5.15	55960.43	55961.30859	55977.70589	55971.45703	504728.5	5409320.7
L4730.1	504728.5	5409322.3	5357.39990	259.94	49.25	48.836858	-86.935562	55962.30	56255.2	-5.17	55957.13	55957.91797	55975.77399	55969.46484	504728.5	5409322.3
L4730.1	504728.5	5409323.5	5357.50000	259.52	49.36	48.836869	-86.935562	55957.55	56255.2	-5.19	55952.36	55953.05469	55973.85972	55967.48438	504728.5	5409323.5
L4730.1	504728.5	5409323.5	5357.60010	248.38	49.36	48.836869	-86.935562	55953.45	56255.2	-5.21	55948.24	55948.83984	55971.92716	55965.48828	504728.5	5409323.5
L4730.1	504728.5	5409327.0	5357.70020	249.35	48.98	48.836900	-86.935562	55948.77	56255.2	-5.23	55943.54	55944.04688	55969.99711	55963.49609	504728.5	5409327.0
L4730.1	504728.5	5409327.0	5357.79981	248.71	48.95	48.836900	-86.935562	55944.21	56255.2	-5.24	55938.97	55939.37891	55968.05956	55961.49219	504728.5	5409327.0
L4730.1	504728.5	5409328.4	5357.89990	248.98	48.95	48.836913	-86.935562	55940.14	56255.3	-5.26	55934.88	55935.19141	55966.11203	55959.48047	504728.5	5409328.4
L4730.1	504728.5	5409330.0	5358.00000	263.23	47.56	48.836927	-86.935562	55934.83	56255.3	-5.28	55929.55	55929.76563	55964.17684	55957.48047	504728.5	5409330.0
L4730.1	504728.5	5409330.0	5358.10010	261.31	44.98	48.836927	-86.935562	55930.38	56255.3	-5.29	55925.09	55925.20703	55962.23014	55955.46875	504728.5	5409330.0
L4730.1	504728.5	5409331.5	5358.20020	261.64	44.98	48.836940	-86.935563	55925.37	56255.3	-5.30	55920.07	55920.08594	55960.29074	55953.46484	504728.5	5409331.5
L4730.1	504728.5	5409332.9	5358.29981	260.36	43.71	48.836953	-86.935563	55921.13	56255.3	-5.31	55915.81	55915.72656	55958.34892	55951.45703	504728.5	5409332.9
L4730.1	504728.5	5409334.3	5358.39990	260.61	43.71	48.836966	-86.935563	55914.82	56255.3	-5.32	55909.50	55909.31641	55956.43150	55949.47656	504728.5	5409334.3
L4730.1	504728.5	5409334.3	5358.50000	259.37	47.1	48.836966	-86.935563	55909.84	56255.3	-5.33	55904.50	55904.21094	55954.51666	55947.49609	504728.5	5409334.3
L4730.1	504728.4	5409337.9	5358.60010	258.39	47.1	48.836998	-86.935563	55904.43	56255.3	-5.35	55899.08	55898.68750	55952.62295	55945.53516	504728.4	5409337.9
L4730.1	504728.4	5409337.9	5358.70020	260.46	38.72	48.836998	-86.935563	55899.06	56255.4	-5.36	55893.71	55893.21484	55950.75498	55943.60156	504728.4	5409337.9
L4730.1	504728.5	5409339.6	5358.79981	259.75	38.72	48.837013	-86.935563	55893.63	56255.4	-5.37	55888.26	55887.66406	55948.92361	55941.70313	504728.5	5409339.6
L4730.1	504728.5	5409339.6	5358.89990	261.70	45.23	48.837013	-86.935563	55888.01	56255.4	-5.38	55882.63	55881.92969	55947.14333	55939.85938	504728.5	5409339.6
L4730.1	504728.4	5409341.2	5359.00000	261.09	45.23	48.837028	-86.935563	55882.09	56255.4	-5.39	55876.70	55875.89063	55945.43173	55938.08203	504728.4	5409341.2
L4730.1	504728.5	5409342.4	5359.10010	260.68	46.78	48.837039	-86.935563	55876.25	56255.4	-5.41	55870.83	55869.91797	55943.80195	55936.38672	504728.5	5409342.4
L4730.1	504728.5	5409342.4	5359.20020	257.66	44.23	48.837039	-86.935563	55870.10	56255.4	-5.43	55864.67	55863.64844	55942.27463	55934.79297	504728.5	5409342.4
L4730.1	504728.5	5409344.0	5359.29981	258.71	44.23	48.837053	-86.935563	55864.69	56255.5	-5.45	55859.24	55858.11328	55940.85536	55933.30859	504728.5	5409344.0
L4730.1	504728.5	5409345.5	5359.29981	258.71	44.23	48.837067	-86.935563	55857.28	56255.5	-5.45	55851.82	55850.58594	55939.61159	55932.00000	504728.5	5409345.5
L4730.1	504728.5	5409347.1	5359.39990	258.34	47.01	48.837081	-86.935563	55851.86	56255.5	-5.47	55846.39	55845.05078	55938.49060	55930.81250	504728.5	5409347.1
L4730.1	504728.5	5409348.6	5359.60010	260.18	43.96	48.837094	-86.935563	55846.18	56255.5	-5.52	55840.66	55839.21094	55937.54967	55929.80469	504728.5	5409348.6
L4730.1	504728.5	5409348.6	5359.70020	260.38	43.96	48.837094	-86.935563	55838.84	56255.5	-5.54	55833.30	55831.74219	55936.86446	55929.05469	504728.5	5409348.6
L4730.1	504728.4	5409350.2	5359.79981	260.71	45.19	48.837109	-86.935563	55832.74	56255.6	-5.56	55827.18	55825.51563	55936.34991	55928.47656	504728.4	5409350.2
L4730.1	504728.4	5409351.7	5359.89990	260.07	45.19	48.837122	-86.935563	55826.35	56255.6	-5.58	55820.77	55819.00000	55936.07247	55928.13281	504728.4	5409351.7
L4730.1	504728.4	5409353.3	5360.00000	258.09	45.38	48.837137	-86.935563	55819.64	56255.6	-5.60	55814.04	55812.16016	55935.95614	55927.95313	504728.4	5409353.3
L4730.1	504728.4	5409353.3	5360.10010	258.61	45.38	48.837137	-86.935563	55813.04	56255.6	-5.62	55807.42	55805.43359	55934.86941	55926.80078	504728.4	5409353.3
L4730.1	504728.4	5409355.0	5360.20020	257.32	45.94	48.837152	-86.935563	55807.22	56255.6	-5.63	55801.59	55799.49219	55933.78462	55925.65234	504728.4	5409355.0
L4730.1	504728.4	5409356.4	5360.29981	259.03	45.5	48.837165	-86.935564	55799.73	56255.7	-5.65	55794.08	55791.87500	55932.86943	55924.67188	504728.4	5409356.4
L4730.1	504728.4	5409357.8	5360.39990	259.97	45.5	48.837177	-86.935564	55793.56	56255.7	-5.67	55787.89	55785.57813	55931.92682	55923.66797	504728.4	5409357.8
L4730.1	504728.4	5409357.8	5360.50000	259.42	28.73	48.837177	-86.935564	55786.58	56255.7	-5.68	55780.90	55778.48047	55931.10115	55922.77734	504728.4	5409357.8
L4730.1	504728.4	5409359.5	5360.60010	260.52	28.73	48.837192	-86.935564	55780.45	56255.7	-5.70	55774.75	55772.22266	55930.28605	55921.89844	504728.4	5409359.5
L4730.1	504728.4	5409361.1	5360.70020	261.01	29.42	48.837207	-86.935564	55772.74	56255.7	-5.72	55767.02	55764.38672	55929.64585	55921.19531	504728.4	5409361.1
L4730.1	504728.4	5409362.5	5360.79981	251.35	29.42	48.837220	-86.935564	55766.78	56255.7	-5.74	55761.04	55758.30078	55928.96149	55920.44922	504728.4	5409362.5
L4730.1	504728.4	5409362.5	5360.89990	250.51	31.87	48.837220	-86.935564	55759.52	56255.8	-5.75	55753.76	55750.91406	55928.43921	55919.86719	504728.4	5409362.5
L4730.1	504728.4	5409364.0	5361.00000	248.49	31.87	48.837233	-86.935564	55753.60	56255.8	-5.77	55747.83	55744.87891	55927.90522	55919.26953	504728.4	5409364.0
L4730.1	504728.4	5409365.6	5361.10010	249.17	30.2	48.837247	-86.935564	55747.42	55255.8	-5.78	55741.63	55738.57422	55927.47030	55918.77344	504728.4	5409365.6
L4730.1	504728.4	5409367.0	5361.20020	248.31	30.2	48.837260	-86.935564	55741.26	56255.8	-5.80	55735.46	55732.29688	55927.11719	55918.35938	504728.4	5409367.0
L4730.1	504728.4	5409367.0	5361.29981	248.37	30.01	48.837260	-86.935564	55735.58	56255.8	-5.81	55729.77	55726.50391	55926.81854	55918.00000	504728.4	5409367.0
L4730.1	504728.4	5409368.4	5361.39990	248.16	30.01	48.837272	-86.935564	55729.31	56255.8	-5.83	55723.48	55720.11328	55926.64887	55917.77344	504728.4	5409368.4
L4730.1	504728.4	5409369.8	5361.50000	249.19	37.22	48.837285	-86.935564	55724.48	56255.8	-5.84	55718.64	55715.16797	55926.47396	55917.53906	504728.4	5409369.8
L4730.1	504728.4	5409369.8	5361.60010	249.61	37.22	48.837285	-86.935564	55719.09	56255.9	-5.85	55713.24	55709.66797	55926.43012	55917.43359	504728.4	5409369.8
L4730.1	504728.4	5409371.4	5361.70020	249.38	42.74	48.837300	-86.935563	55714.94	56255.9	-5.87	55709.07	55705.39453	55926.40019	55917.34766	504728.4	5409371.4

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4730.1	504728.4	5409372.9	5361.79981	247.69	42.74	48.837313	-86.935563	55710.04	56255.9	-5.88	55704.16	55700.38672	55926.51751	55917.40625	504728.4	5409372.9
L4730.1	504728.4	5409374.3	5361.89990	248.06	41.24	48.837325	-86.935563	55706.24	56255.9	-5.90	55700.34	55696.46875	55926.66196	55917.49219	504728.4	5409374.3
L4730.1	504728.4	5409375.9	5362.00000	248.19	41.24	48.837340	-86.935563	55702.98	56255.9	-5.91	55697.07	55693.10156	55926.87122	55917.64453	504728.4	5409375.9
L4730.1	504728.4	5409377.6	5362.10010	248.49	41.15	48.837355	-86.935563	55699.16	56255.9	-5.93	55693.24	55689.17188	55927.22080	55917.94141	504728.4	5409377.6
L4730.1	504728.4	5409378.8	5362.20020	247.59	41.02	48.837366	-86.935563	55697.08	56255.9	-5.94	55691.14	55686.97656	55927.55935	55918.22266	504728.4	5409378.8
L4730.1	504728.4	5409378.8	5362.29981	245.31	41.02	48.837366	-86.935563	55695.04	56256	-5.96	55689.07	55684.81250	55928.00130	55918.60938	504728.4	5409378.8
L4730.1	504728.4	5409380.4	5362.39990	247.75	41.02	48.837381	-86.935563	55693.47	56256	-5.98	55687.49	55683.14063	55928.51688	55919.07031	504728.4	5409380.4
L4730.1	504728.4	5409380.4	5362.50000	248.39	41.22	48.837381	-86.935563	55693.34	56256	-6.00	55687.34	55682.89844	55929.04410	55919.54297	504728.4	5409380.4
L4730.1	504728.4	5409381.9	5362.60010	249.87	41.22	48.837394	-86.935563	55691.98	56256	-6.01	55685.97	55681.43750	55929.76006	55920.20703	504728.4	5409381.9
L4730.1	504728.4	5409383.4	5362.70020	248.17	44.19	48.837407	-86.935563	55691.52	56256	-6.03	55685.49	55680.87109	55930.52432	55920.91797	504728.4	5409383.4
L4730.1	504728.4	5409384.7	5362.79981	247.63	43.87	48.837419	-86.935563	55692.83	56256	-6.05	55686.78	55682.07422	55931.27816	55921.62109	504728.4	5409384.7
L4730.1	504728.4	5409386.3	5362.89990	247.80	43.87	48.837434	-86.935562	55695.50	56256.1	-6.06	55689.43	55684.64063	55932.04865	55922.33984	504728.4	5409386.3
L4730.1	504728.4	5409387.8	5363.00000	246.97	43.87	48.837447	-86.935563	55697.76	56256.1	-6.08	55691.68	55686.80469	55932.95259	55923.19531	504728.4	5409387.8
L4730.1	504728.4	5409387.8	5363.10010	247.88	42.55	48.837447	-86.935563	55700.32	56256.1	-6.10	55694.22	55689.26172	55933.94323	55924.13281	504728.4	5409387.8
L4730.1	504728.4	5409389.5	5363.20020	246.76	42.55	48.837462	-86.935562	55704.61	56256.1	-6.12	55698.48	55693.43750	55934.92420	55925.06641	504728.4	5409389.5
L4730.1	504728.4	5409390.6	5363.29981	247.81	43.58	48.837472	-86.935562	55707.31	56256.1	-6.15	55701.16	55696.04297	55936.11426	55926.20703	504728.4	5409390.6
L4730.1	504728.4	5409390.6	5363.39990	246.27	42.26	48.837472	-86.935562	55712.46	56256.2	-6.17	55706.29	55701.09375	55937.24321	55927.28906	504728.4	5409390.6
L4730.1	504728.4	5409392.8	5363.50000	249.01	42.26	48.837492	-86.935562	55719.02	56256.2	-6.19	55712.83	55707.55859	55938.37866	55928.37891	504728.4	5409392.8
L4730.1	504728.4	5409394.2	5363.60010	248.46	42.31	48.837505	-86.935562	55725.62	56256.2	-6.21	55719.41	55714.06250	55939.60997	55929.56250	504728.4	5409394.2
L4730.1	504728.4	5409394.2	5363.70020	249.49	38.55	48.837505	-86.935562	55732.14	56256.2	-6.23	55725.91	55720.49219	55940.94293	55930.85156	504728.4	5409394.2
L4730.1	504728.4	5409397.1	5363.79981	250.67	38.55	48.837531	-86.935562	55739.73	56256.3	-6.26	55733.48	55727.99219	55942.29846	55932.16016	504728.4	5409397.1
L4730.1	504728.4	5409397.1	5363.89990	251.23	38.55	48.837531	-86.935562	55747.81	56256.3	-6.28	55741.53	55735.97656	55943.71327	55933.53125	504728.4	5409397.1
L4730.1	504728.5	5409398.8	5364.00000	251.16	40.37	48.837546	-86.935562	55756.81	56256.3	-6.30	55750.51	55744.89063	55945.15453	55934.92969	504728.5	5409398.8
L4730.1	504728.5	5409398.8	5364.10010	251.22	38.14	48.837546	-86.935562	55765.79	56256.3	-6.32	55759.47	55753.78516	55946.68258	55936.41406	504728.5	5409398.8
L4730.1	504728.5	5409400.2	5364.20020	251.22	38.14	48.837559	-86.935562	55774.84	56256.3	-6.33	55768.51	55762.76563	55948.28757	55937.97656	504728.5	5409400.2
L4730.1	504728.5	5409401.9	5364.29981	251.17	33.37	48.837574	-86.935562	55784.89	56256.3	-6.35	55778.54	55772.73438	55949.90550	55939.55469	504728.5	5409401.9
L4730.1	504728.5	5409402.9	5364.39990	247.99	37.25	48.837582	-86.935562	55795.00	56256.4	-6.36	55788.64	55782.78125	55951.59422	55941.20313	504728.5	5409402.9
L4730.1	504728.5	5409404.3	5364.50000	246.30	37.25	48.837596	-86.935562	55806.31	56256.4	-6.38	55799.93	55794.01563	55953.27545	55942.84375	504728.5	5409404.3
L4730.1	504728.5	5409404.3	5364.60010	248.31	40.89	48.837596	-86.935562	55816.61	56256.4	-6.39	55810.22	55804.25000	55955.09147	55944.62109	504728.5	5409404.3
L4730.1	504728.5	5409406.0	5364.70020	250.98	40.89	48.837611	-86.935562	55827.25	56256.4	-6.40	55820.85	55814.83203	55956.94913	55946.44141	504728.5	5409406.0
L4730.1	504728.5	5409407.6	5364.79981	249.59	37.97	48.837625	-86.935561	55838.28	56256.4	-6.42	55831.86	55825.79297	55958.84185	55948.29688	504728.5	5409407.6
L4730.1	504728.5	5409408.8	5364.89990	248.06	38.62	48.837636	-86.935561	55849.31	56256.4	-6.43	55842.87	55836.75781	55960.79100	55950.21094	504728.5	5409408.8
L4730.1	504728.5	5409410.5	5365.00000	247.90	38.62	48.837651	-86.935561	55861.45	56256.4	-6.45	55855.00	55848.84375	55962.71789	55952.10156	504728.5	5409410.5
L4730.1	504728.5	5409410.5	5365.10010	248.90	38.77	48.837651	-86.935561	55871.62	56256.5	-6.47	55865.15	55858.95313	55964.82513	55954.17188	504728.5	5409410.5
L4730.1	504728.5	5409412.2	5365.20020	248.27	41.37	48.837667	-86.935561	55883.16	56256.5	-6.49	55876.67	55870.43359	55966.88530	55956.19922	504728.5	5409412.2
L4730.1	504728.5	5409413.5	5365.29981	245.51	41.37	48.837678	-86.935561	55893.55	56256.5	-6.50	55887.05	55880.77734	55969.06166	55958.33984	504728.5	5409413.5
L4730.1	504728.5	5409414.9	5365.39990	245.92	37.8	48.837691	-86.935561	55903.06	56256.5	-6.52	55896.54	55890.23828	55971.33348	55960.58203	504728.5	5409414.9
L4730.1	504728.5	5409416.3	5365.50000	245.95	38.3	48.837703	-86.935562	55913.71	56256.5	-6.54	55907.17	55900.83594	55973.56136	55962.77734	504728.5	5409416.3
L4730.1	504728.5	5409416.3	5365.60010	247.16	38.3	48.837703	-86.935562	55925.63	56256.6	-6.56	55919.07	55912.70703	55975.73264	55964.91797	504728.5	5409416.3
L4730.1	504728.5	5409418.0	5365.70020	245.69	38.76	48.837718	-86.935562	55936.66	56256.6	-6.58	55930.08	55923.68750	55977.98736	55967.14063	504728.5	5409418.0
L4730.1	504728.5	5409419.4	5365.79981	246.66	38.76	48.837731	-86.935562	55945.28	56256.6	-6.59	55938.68	55932.26563	55980.42294	55969.54688	504728.5	5409419.4
L4730.1	504728.4	5409421.1	5365.89990	260.08	38.76	48.837746	-86.935562	55955.77	56256.6	-6.61	55949.16	55942.72656	55982.74956	55971.84375	504728.4	5409421.1
L4730.1	504728.4	5409423.0	5366.00000	259.72	40.94	48.837764	-86.935562	55963.70	56256.6	-6.63	55957.07	55950.61719	55985.26014	55974.32813	504728.4	5409423.0
L4730.1	504728.4	5409423.0	5366.10010	259.67	40.94	48.837764	-86.935562	55975.15	56256.7	-6.65	55968.50	55962.03125	55987.54503	55976.58203	504728.4	5409423.0
L4730.1	504728.4	5409424.2	5366.20020	258.34	41.54	48.837775	-86.935563	55983.50	56256.7	-6.68	55976.82	55970.33594	55990.04267	55979.05469	504728.4	5409424.2
L4730.1	504728.4	5409425.7	5366.29981	257.54	32.99	48.837788	-86.935563	55993.44	56256.7	-6.70	55986.74	55980.24609	55992.43563	55981.42188	504728.4	5409425.7
L4730.1	504728.4	5409427.4	5366.39990	256.78	32.99	48.837803	-86.935563	56000.39	56256.7	-6.72	55993.67	55987.16797	55995.02656	55983.98828	504728.4	5409427.4
L4730.1	504728.4	5409427.4	5366.50000	257.10	40.4	48.837803	-86.935563	56010.29	56256.7	-6.74	56003.54	55997.03516	55997.41693	55986.35156	504728.4	5409427.4
L4730.1	504728.3	5409428.8	5366.60010	257.20	38.96	48.837816	-86.935563	56017.12	56256.8	-6.77	56010.35	56003.83984	56000.00365	55988.91406	504728.3	5409428.8
L4730.1	504728.3	5409430.2	5366.70020	258.84	38.96	48.837829	-86.935564	56025.94	56256.8	-6.79	56019.15	56012.63672	56002.44709	55991.33203	504728.3	5409430.2
L4730.1	504728.3	5409430.2	5366.79981	259.47	38.71	48.837829	-86.935564	56033.58	56256.8	-6.81	56026.76	56020.25000	56004.95643	55993.82031	504728.3	5409430.2
L4730.1	504728.3	5409431.7	5366.89990	246.30	38.71	48.837842	-86.935564	56040.79	56256.8	-6.84	56033.96	56027.45703	56007.47698	55996.32031	504728.3	5409431.7
L4730.1	504728.3	5409433.3	5367.00000	246.41	38.5	48.837857	-86.935564	56047.54	56256.9	-6.86	56040.68	56034.18359	56010.01085	55998.83203	504728.3	5409433.3
L4730.1	504728.3	5409434.8	5367.10010	248.44	38.5	48.837870	-86.935564	56054.75	56256.9	-6.88	56047.88	56041.39063	56012.49162	56001.28906	504728.3	5409434.8
L4730.1	504728.2	5409436.4	5367.20020	249.83	27.38	48.837885	-86.935565	56061.76	56256.9	-6.89	56054.87	56048.39063	56014.96302	56003.74219	504728.2	5409436.4
L4730.1	504728.2	5409436.4	5367.29981	252.12	27.18	48.837885	-86.935565	56065.81	56256.9	-6.91	56058.90	56052.43750	56017.60624	56006.36328	504728.2	5409436.4
L4730.1	504728.2	5409437.9	5367.39990	253.31	27.18	48.837898	-86.935565	56072.48	56256.9	-6.92	56065.56	56059.11328	56020.04660	56008.78516	504728.2	5409437.9
L4730.1	504728.2	5409439.6	5367.50000	254.10	29.76	48.837913	-86.935565	56079.11	56256.9	-6.94	56072.17	56065.74219	56022.46090	56011.17969	504728.2	5409439.6
L4730.1	504728.2	5409440.8	5367.60010	252.44	37.01	48.837923	-86.935565	56085.23	56257	-6.96	56078.28	56071.87109	56024.87742	56013.57813	504728.2	5409440.8
L4730.1	504728.2	5409440.8	5367.70020	253.32	39.59	48.837923	-86.935565	56089.64	56257	-6.97	56082.67	56076.28516	56027.37586	56016.05859	504728.2	5409440.8
L4730.1	504728.2	5409442.4	5367.79981	251.68	39.59	48.837939	-86.935565	56094.16	56257	-6.99	56087.18	56080.82422	56029.83211	56018.49609	504728.2	5409442.4
L4730.1	504728.2	5409443.9	5367.89990	251.60	38.73	48.837951	-86.935565	56099.83	56257	-7.00	56092.82	56086.49219	56032.17746	56020.82422	504728.2	5409443.9
L4730.1	504728.2	5409445.6	5368.00000	252.00	41.88	48.837967	-86.935566	56104.54	56257	-7.02	56097.52	56091.22266	56034.54870	56023.17969	504728.2	5409445.6
L4730.1	504728.2	5409446.8	5368.10010	252.10	24.9	48.837978	-86.935566	56107.87	56257	-7.04	56100.83	56094.56250	56036.97472	56025.58984	504728.2	5409446.8
L4730.1	504728.2	5409446.8	5368.20020	252.62	24.9	48.837978	-86.935566	56112.18	56257.1	-7.06	56105.11	56098.87891	56039.29718	56027.89844	504728.2	5409446.8
L4730.1	504728.2	5409448.0	5368.29981	250.40	43.13	48.837989	-86.935566	56117.13	56257.1	-7.08	56110.05	56103.85547	56041.53587	56030.12109	504728.2	5409448.0
L4730.1	504728.1	5409449.7	5368.39990	250.63	41.52	48.838004	-86.935566	56120.74	56257.1	-7.10	56113.63	56107.47656	56043.82470	56032.39453	504728.1	5409449.7
L4730.1	504728.1	5409451.1	5368.50000	249.47	35.67	48.838017	-86.935566	56125.53	56257.1	-7.13	56118.40	56112.28906	56045.99297	56034.54688	504728.1	5409451.1
L4730.1	504728.1	5409452.6	5368.60010	248.28	35.67	48.838030	-86.935566	56127.79	56257.1	-7.15	56120.64	56114.57031	56048.28812	56036.82813	504728.1	5409452.6
L4730.1	504728.1	5409452.6	5368.70020	249.42	38.39	48.838030	-86.935566	56131.12	56257.2	-7.17	56123.95	56117.92578	56050.46968	56038.99609	504728.1	5409452.6
L4730.1	504728.1	5409454.1	5368.79981	250.41	37.25	48.838043	-86.935566	56134.18	56257.2	-7.19	56126.99	56121.01172	56052.62657	56041.14063	504728.1	5409454.1
L4730.1	504728.1	5409455.5	5368.89990	251.33	29.02	48.838056	-86.935566	56137.32	56257.2	-7.21	56130.11	56124.18359	56054.73517	56043.23438	504728.1	5409455.5
L4730.1	504728.1	5409456.7	5369.00000	250.29	29.02	48.838067	-86.935566	56139.31	56257.2	-7.23	56132.08	56126.20313	56056.87725	56045.36328	504728.1	5409456.7
L4730.1	504728.1	5409458.7	5369.10010	251.58	31.39	48.838085	-86.935567	56142.60	56257.2	-7.25	56135.35	56129.52734	56058.88932	56047.36328	504728.1	5409458.7
L4730.1	504728.1	5409459.8	5369.20020	251.03	31.39	48.838095	-86.935567	56145.41	56257.3	-7.27	56138.14	56132.37109	56060.88999	56049.35156	504728.1	5409459.8
L4730.1	504728.1	5409461.3	5369.29981	249.97	45.17	48.838108	-86.935567	56148.14	56257.3	-7.29	56140.85	56135.13672	56062.85256	56051.30078	504728.1	5409461.3
L4730.1	504728.1	5409461.3	5369.39990	249.76	36.84	48.838108	-86.935567	56150.40	56257.3	-7.31	56143.09	56137.43750	56064.80309	56053.24219	504728.1	5409461.3
L4730.1	504728.0	5409462.5	5369.50000	248.29	44.39	48.838119	-86.935567	56152.32	56257.3	-7.32	56145.00	56139.40625	56066.73237	56055.15625	504728.0	5409462.5
L4730.1	504728.0	5409464.0	5369.60010	247.49	44.39	48.838133	-86.935567	56154.08	56257.3	-7.34	56146.74	56141.20703	56068.62990	56057.04297	504728.0	5409464.0
L4730.1	504728.0	5409465.2	5369.70020	247.29	36.71	48.838144	-86.935567	56156.38	56257.4	-7.36	56149.02	56143.55078	56070.44854	56058.84766	504728.0	5409465.2
L4730.1	504728.0	5409466.9	5369.79981	247.28	42.77	48.838158	-86.935568	56158.09	56257.4	-7.38	56150.70	56145.29297	56072.26458	56060.65234	504728.0	5409466.9
L4730.1	504728.0	5409466.9	5369.89990	246.98	42.77	48.838158	-86.935568	56159.55	56257.4	-7.40	56152.15	56146.80859	56074.05366	56062.42969	504728.0	5409466.9
L4730.1	504728.0	5409469.5	5370.00000	248.05	41.31	48.838182	-86.935568	56161.42	56257.4	-7.42	56154.00	56148.72656	56075.77411	56064.14063	504728.0	5409469.5
L4730.1	504728.0	5409469.5	5370.10010	249.20	35.32	48.838182	-86.935568	56162.34	56257.4	-7.44	56154.90	56149.69531	56077.51633	56065.87109	504728.0	5409469.5
L4730.1	504728.0	5409471.0	5370.20020	248.17	39.22	48.838195	-86.935568	56164.63	56257.5	-7.46	56157.17	56152.03516	56079.12606	56067.46875	504728.0	5409471.0
L4730.1	504728.0	5409472.4	5370.29981	248.33	42.65	48.838208	-86.935568	56166.03	56257.5	-7.49	56158.54	56153.47266	56080.75508	56069.08594	504728.0	5409472.4
L4730.1	504728.0	5409472.4	5370.39990	246.73	43.22	48.838208	-86.935568	56167.44	56257.5	-7.51	56159.93	56154.93750	56082.34254	56070.66016	504728.0	5409472.4
L4730.1	504728.0	5409474.5	5370.50000	248.23	43.22	48.838227	-86.935568	56169.21	56257.5	-7.53	56161.68	56156.75781	56083.86626	56072.17188	504728.0	5409474.5
L4730.1	504727.9	5409475.9	5370.60010	250.85	42.86	48.838240	-86.935568	56170.41	56257.6	-7.55	56162.85	56158.00391	56085.38943	56073.68359	504727.9	5409475.9
L4730.1	504727.9	5409475.9	5370.70020	249.26	43.04	48.838240	-86.935568	56171.62	56257.6	-7.57	56164.05	56159.27734	56086.87192	56075.15625	504727.9	5409475.9
L4730.1	504727.9	5409478.1	5370.79981	249.75	43.04	48.838259	-86.935568	56172.85	56257.6	-7.60	56165.25	56160.55078	56088.31628	56076.58594	504727.9	5409478.1
L4730.1	504727.9	5409479.0	5370.89990	249.94	42.61	48.838268	-86.935569	56173.58	56257.6	-7.62	56165.96	56161.33594	56089.75575	56078.01563	504727.9	5409479.0
L4730.1	504727.9	5409480.5	5371.00000	249.98	42.61	48.838281	-86.935569	56174.66	56257.6	-7.64	56167.02	56162.47656	56091.13491	56079.37891	504727.9	5409480.5

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4730.1	504727.9	5409481.7	5371.10010	252.18	40.36	48.838291	-86.935569	56176.02	56257.7	-7.66	56168.36	56163.89063	56092.45902	56080.69141	504727.9	5409481.7
L4730.1	504727.9	5409482.8	5371.20020	253.02	41.66	48.838302	-86.935569	56176.49	56257.7	-7.68	56168.81	56164.41797	56093.80667	56082.02734	504727.9	5409482.8
L4730.1	504727.9	5409482.8	5371.29981	253.87	43.73	48.838302	-86.935569	56177.56	56257.7	-7.70	56169.86	56165.54688	56095.07913	56083.28516	504727.9	5409482.8
L4730.1	504727.9	5409485.4	5371.39990	254.96	43.6	48.838325	-86.935569	56178.01	56257.7	-7.72	56170.29	56166.05469	56096.35835	56084.55078	504727.9	5409485.4
L4730.1	504727.9	5409485.4	5371.50000	253.83	43.6	48.838325	-86.935569	56178.32	56257.7	-7.74	56170.58	56166.42578	56097.61295	56085.79297	504727.9	5409485.4
L4730.1	504727.9	5409486.9	5371.60010	249.33	44.61	48.838338	-86.935569	56179.66	56257.8	-7.76	56171.90	56167.82422	56098.76553	56086.92969	504727.9	5409486.9
L4730.1	504727.9	5409488.0	5371.70020	250.03	44.61	48.838349	-86.935569	56180.39	56257.8	-7.78	56172.61	56168.61328	56099.92604	56088.07422	504727.9	5409488.0
L4730.1	504727.9	5409489.2	5371.79981	249.19	43.39	48.838359	-86.935569	56181.06	56257.8	-7.80	56173.26	56169.34375	56101.05844	56089.19141	504727.9	5409489.2
L4730.1	504727.9	5409490.4	5371.89990	250.98	44.29	48.838370	-86.935569	56181.32	56257.8	-7.82	56173.50	56169.66406	56102.18666	56090.30469	504727.9	5409490.4
L4730.1	504727.9	5409491.8	5372.00000	248.99	44.41	48.838383	-86.935569	56182.27	56257.8	-7.84	56174.43	56170.67578	56103.23798	56091.33984	504727.9	5409491.8
L4730.1	504727.9	5409493.0	5372.10010	246.98	44.41	48.838393	-86.935568	56183.06	56257.9	-7.86	56175.21	56171.53516	56104.26901	56092.35547	504727.9	5409493.0
L4730.1	504727.9	5409494.2	5372.20020	248.54	42.33	48.838404	-86.935568	56182.78	56257.9	-7.87	56174.91	56171.31250	56105.34235	56093.41016	504727.9	5409494.2
L4730.1	504727.9	5409495.1	5372.29981	247.06	41.66	48.838412	-86.935568	56183.06	56257.9	-7.89	56175.17	56171.65234	56106.34925	56094.40234	504727.9	5409495.1
L4730.1	504727.9	5409496.6	5372.39990	247.70	41.66	48.838426	-86.935568	56184.37	56257.9	-7.91	56176.46	56173.02344	56107.25897	56095.29297	504727.9	5409496.6
L4730.1	504727.9	5409498.1	5372.50000	247.57	42.22	48.838440	-86.935569	56183.84	56257.9	-7.93	56175.91	56172.55078	56108.26342	56096.28125	504727.9	5409498.1
L4730.1	504727.9	5409498.1	5372.60010	252.35	41.79	48.838440	-86.935569	56183.93	56257.9	-7.94	56175.98	56172.69922	56109.19916	56097.19531	504727.9	5409498.1
L4730.1	504727.9	5409499.4	5372.70020	251.56	41.92	48.838451	-86.935569	56185.00	56258	-7.96	56177.04	56173.83984	56110.04210	56098.01953	504727.9	5409499.4
L4730.1	504727.9	5409500.7	5372.79981	251.35	41.92	48.838463	-86.935569	56185.70	56258	-7.98	56177.73	56174.60547	56110.88345	56098.83984	504727.9	5409500.7
L4730.1	504727.9	5409502.6	5372.89990	252.84	42.3	48.838480	-86.935569	56186.20	56258	-7.99	56178.21	56175.16406	56111.71308	56099.64844	504727.9	5409502.6
L4730.1	504727.9	5409502.6	5373.00000	260.90	42.45	48.838480	-86.935569	56186.11	56258	-8.01	56178.10	56175.12891	56112.55686	56100.47266	504727.9	5409502.6
L4730.1	504727.9	5409504.0	5373.10010	259.98	42.45	48.838493	-86.935569	56186.70	56258	-8.03	56178.66	56175.76563	56113.33132	56101.22656	504727.9	5409504.0
L4730.1	504727.9	5409505.4	5373.20020	257.43	42.87	48.838505	-86.935569	56186.77	56258.1	-8.06	56178.71	56175.89063	56114.11561	56101.98828	504727.9	5409505.4
L4730.1	504727.9	5409505.4	5373.29981	257.06	44.92	48.838505	-86.935569	56187.37	56258.1	-8.08	56179.29	56176.54297	56114.84092	56102.68750	504727.9	5409505.4
L4730.1	504727.9	5409508.2	5373.39990	247.38	44.92	48.838530	-86.935569	56187.98	56258.1	-8.10	56179.88	56177.20703	56115.54239	56103.36719	504727.9	5409508.2
L4730.1	504727.9	5409509.2	5373.50000	246.01	42.9	48.838539	-86.935569	56186.97	56258.1	-8.13	56178.85	56176.25000	56116.32917	56104.12891	504727.9	5409509.2
L4730.1	504727.9	5409510.6	5373.60010	257.49	43.68	48.838552	-86.935568	56187.29	56258.1	-8.15	56179.14	56176.61328	56117.00572	56104.78125	504727.9	5409510.6
L4730.1	504727.9	5409510.6	5373.70020	257.42	44.68	48.838552	-86.935568	56188.44	56258.2	-8.17	56180.27	56177.81250	56117.60450	56105.35156	504727.9	5409510.6
L4730.1	504727.9	5409512.2	5373.79981	260.00	44.68	48.838566	-86.935568	56188.20	56258.2	-8.19	56180.00	56177.61328	56118.27527	56105.99609	504727.9	5409512.2
L4730.1	504727.9	5409513.6	5373.89990	259.91	45.16	48.838578	-86.935568	56188.94	56258.2	-8.22	56180.72	56178.40234	56119.07338	56106.76953	504727.9	5409513.6
L4730.1	504727.9	5409515.3	5374.00000	258.24	45.16	48.838594	-86.935568	56189.16	56258.2	-8.24	56180.92	56178.66797	56120.15811	56107.82422	504727.9	5409515.3
L4730.1	504727.9	5409515.3	5374.10010	258.14	45.48	48.838594	-86.935568	56188.26	56258.3	-8.26	56180.00	56177.81250	56121.23480	56108.87109	504727.9	5409515.3
L4730.1	504728.0	5409516.7	5374.20020	258.43	44.95	48.838607	-86.935568	56189.12	56258.3	-8.27	56180.85	56178.73047	56122.16795	56109.77344	504728.0	5409516.7
L4730.1	504728.0	5409518.1	5374.29981	263.12	44.95	48.838619	-86.935567	56188.41	56258.3	-8.29	56180.12	56178.06250	56123.10661	56110.68359	504728.0	5409518.1
L4730.1	504728.0	5409519.7	5374.39990	261.52	43.94	48.838634	-86.935567	56189.22	56258.3	-8.31	56180.92	56178.92578	56123.94298	56111.48828	504728.0	5409519.7
L4730.1	504728.0	5409519.7	5374.50000	262.05	43.94	48.838634	-86.935567	56189.88	56258.3	-8.32	56181.56	56179.62500	56124.74407	56112.25781	504728.0	5409519.7
L4730.1	504728.0	5409521.6	5374.60010	259.82	44.8	48.838651	-86.935567	56190.00	56258.3	-8.34	56181.65	56179.77344	56125.51811	56112.99609	504728.0	5409521.6
L4730.1	504728.0	5409523.0	5374.70020	257.79	44.8	48.838663	-86.935567	56189.66	56258.4	-8.36	56181.30	56179.48047	56126.26015	56113.70703	504728.0	5409523.0
L4730.1	504728.0	5409524.4	5374.79981	258.90	44.52	48.838676	-86.935567	56189.72	56258.4	-8.38	56181.34	56179.57813	56126.96296	56114.37500	504728.0	5409524.4
L4730.1	504728.0	5409524.4	5374.89990	258.33	44.52	48.838676	-86.935567	56190.09	56258.4	-8.39	56181.69	56179.98438	56127.62858	56115.00391	504728.0	5409524.4
L4730.1	504728.0	5409526.1	5375.00000	260.52	43.37	48.838691	-86.935567	56190.13	56258.4	-8.41	56181.71	56180.05469	56128.25660	56115.59375	504728.0	5409526.1
L4730.1	504728.0	5409527.5	5375.10010	261.01	43.37	48.838704	-86.935567	56189.88	56258.4	-8.43	56181.45	56179.84766	56128.84098	56116.14063	504728.0	5409527.5
L4730.1	504728.0	5409528.6	5375.20020	262.37	42.47	48.838714	-86.935567	56189.93	56258.4	-8.45	56181.49	56179.93750	56129.38245	56116.64453	504728.0	5409528.6
L4730.1	504728.0	5409530.0	5375.29981	261.46	41.48	48.838726	-86.935567	56190.40	56258.5	-8.47	56181.93	56180.42578	56129.88525	56117.10938	504728.0	5409530.0
L4730.1	504728.0	5409531.3	5375.39990	249.12	39.42	48.838738	-86.935567	56190.33	56258.5	-8.49	56181.84	56180.38281	56130.33862	56117.52344	504728.0	5409531.3
L4730.1	504728.0	5409532.5	5375.50000	248.37	39.42	48.838749	-86.935567	56189.91	56258.5	-8.51	56181.40	56179.98438	56130.74067	56117.88281	504728.0	5409532.5
L4730.1	504728.0	5409532.5	5375.60010	261.70	39.42	48.838749	-86.935567	56189.38	56258.5	-8.52	56180.85	56179.48047	56131.09497	56118.19531	504728.0	5409532.5
L4730.1	504728.0	5409534.2	5375.70020	263.06	41.31	48.838764	-86.935567	56190.02	56258.5	-8.54	56181.48	56180.15234	56131.42978	56118.48828	504728.0	5409534.2
L4730.1	504728.0	5409536.0	5375.79981	262.89	42.37	48.838780	-86.935567	56190.16	56258.6	-8.56	56181.60	56180.30859	56131.71598	56118.73047	504728.0	5409536.0
L4730.1	504728.0	5409537.0	5375.89990	265.10	42.37	48.838790	-86.935567	56190.45	56258.6	-8.58	56181.87	56180.61719	56131.96828	56118.94141	504728.0	5409537.0
L4730.1	504728.0	5409538.5	5376.00000	264.74	35.86	48.838803	-86.935567	56190.81	56258.6	-8.60	56182.21	56180.99219	56132.18721	56119.11328	504728.0	5409538.5
L4730.1	504728.0	5409538.5	5376.10010	261.83	34.82	48.838803	-86.935567	56189.15	56258.6	-8.62	56180.53	56179.34766	56132.33830	56119.21875	504728.0	5409538.5
L4730.1	504728.0	5409540.3	5376.20020	261.32	34.82	48.838819	-86.935567	56189.50	56258.6	-8.64	56180.86	56179.70703	56132.49763	56119.33203	504728.0	5409540.3
L4730.1	504728.0	5409541.7	5376.29981	261.29	40.37	48.838831	-86.935567	56188.89	56258.7	-8.67	56180.23	56179.10938	56132.61756	56119.40234	504728.0	5409541.7
L4730.1	504728.0	5409543.0	5376.39990	248.72	40.37	48.838843	-86.935567	56190.28	56258.7	-8.69	56181.59	56180.49609	56132.74252	56119.48047	504728.0	5409543.0
L4730.1	504728.0	5409543.0	5376.50000	247.74	39.5	48.838843	-86.935567	56190.73	56258.7	-8.71	56182.02	56180.95313	56132.83275	56119.52344	504728.0	5409543.0
L4730.1	504728.0	5409544.2	5376.60010	260.00	39.31	48.838854	-86.935567	56190.24	56258.7	-8.73	56181.51	56180.46875	56132.89552	56119.53516	504728.0	5409544.2
L4730.1	504728.0	5409545.8	5376.70020	259.72	42	48.838868	-86.935567	56188.94	56258.8	-8.75	56180.19	56179.17188	56132.94164	56119.53125	504728.0	5409545.8
L4730.1	504728.0	5409547.3	5376.79981	258.36	42	48.838882	-86.935567	56188.96	56258.8	-8.78	56180.19	56179.19141	56132.98734	56119.52344	504728.0	5409547.3
L4730.1	504728.0	5409547.3	5376.89990	259.04	39.77	48.838882	-86.935567	56189.21	56258.8	-8.80	56180.41	56179.42969	56133.02282	56119.50781	504728.0	5409547.3
L4730.1	504728.0	5409549.0	5377.00000	259.85	39.77	48.838897	-86.935566	56189.40	56258.8	-8.82	56180.58	56179.61719	56133.04743	56119.47656	504728.0	5409549.0
L4730.1	504728.0	5409550.4	5377.10010	259.74	40.16	48.838910	-86.935566	56190.28	56258.8	-8.84	56181.44	56180.49219	56133.05678	56119.43359	504728.0	5409550.4
L4730.1	504728.0	5409551.6	5377.20020	257.70	40.16	48.838920	-86.935566	56188.38	56258.9	-8.86	56179.52	56178.58594	56133.05841	56119.37891	504728.0	5409551.6
L4730.1	504728.0	5409553.0	5377.29981	259.82	39.41	48.838933	-86.935566	56188.62	56258.9	-8.88	56179.74	56178.81641	56133.02319	56119.28906	504728.0	5409553.0
L4730.1	504728.0	5409554.8	5377.39990	250.81	41.44	48.838949	-86.935566	56188.82	56258.9	-8.90	56179.92	56179.00391	56132.95666	56119.16406	504728.0	5409554.8
L4730.1	504728.0	5409554.8	5377.50000	247.81	41.44	48.838949	-86.935566	56189.06	56258.9	-8.92	56180.14	56179.23438	56132.86293	56119.01563	504728.0	5409554.8
L4730.1	504728.0	5409556.1	5377.60010	258.28	41.15	48.838961	-86.935566	56188.74	56258.9	-8.93	56179.80	56178.89844	56132.75712	56118.85156	504728.0	5409556.1
L4730.1	504728.1	5409557.7	5377.70020	259.46	41.15	48.838976	-86.935566	56188.02	56259	-8.95	56179.07	56178.17188	56132.64525	56118.67969	504728.1	5409557.7
L4730.1	504728.1	5409559.7	5377.79981	260.88	39.27	48.838993	-86.935566	56187.88	56259	-8.97	56178.91	56178.01563	56132.51037	56118.48828	504728.1	5409559.7
L4730.1	504728.1	5409559.7	5377.89990	262.96	37.93	48.838993	-86.935566	56188.11	56259	-8.99	56179.11	56178.21484	56132.35715	56118.27344	504728.1	5409559.7
L4730.1	504728.1	5409561.3	5378.00000	260.94	37.93	48.839008	-86.935566	56187.55	56259	-9.01	56178.54	56177.64453	56132.23268	56118.08984	504728.1	5409561.3
L4730.1	504728.1	5409562.7	5378.10010	260.71	37.93	48.839020	-86.935566	56187.13	56259	-9.03	56178.10	56177.19922	56132.11938	56117.91406	504728.1	5409562.7
L4730.1	504728.0	5409564.4	5378.20020	257.88	37.97	48.839035	-86.935566	56187.20	56259.1	-9.05	56178.15	56177.24609	56132.01301	56117.74609	504728.0	5409564.4
L4730.1	504728.0	5409564.4	5378.29981	259.32	37.97	48.839035	-86.935566	56185.92	56259.1	-9.08	56176.84	56175.92969	56131.99710	56117.66797	504728.0	5409564.4
L4730.1	504728.0	5409565.9	5378.39990	258.99	39.66	48.839049	-86.935566	56186.24	56259.1	-9.10	56177.14	56176.22266	56131.94470	56117.55078	504728.0	5409565.9
L4730.1	504728.0	5409567.5	5378.50000	259.41	37.61	48.839063	-86.935566	56185.98	56259.1	-9.12	56176.86	56175.92969	56131.94549	56117.48828	504728.0	5409567.5
L4730.1	504728.0	5409569.2	5378.60010	259.07	37.61	48.839078	-86.935566	56185.12	56259.1	-9.14	56175.98	56175.03906	56132.00043	56117.48047	504728.0	5409569.2
L4730.1	504728.0	5409569.2	5378.70020	260.54	38.3	48.839078	-86.935566	56184.65	56259.2	-9.16	56175.48	56174.52734	56132.06738	56117.48047	504728.0	5409569.2
L4730.1	504728.0	5409571.0	5378.79981	260.09	38.3	48.839095	-86.935566	56184.82	56259.2	-9.19	56175.63	56174.66406	56132.13720	56117.48438	504728.0	5409571.0
L4730.1	504728.0	5409572.4	5378.89990	246.18	39.25	48.839108	-86.935566	56184.14	56259.2	-9.21	56174.93	56173.94531	56132.26568	56117.54688	504728.0	5409572.4
L4730.1	504728.0	5409573.5	5379.00000	247.62	39.25	48.839118	-86.935566	56183.18	56259.2	-9.23	56173.95	56172.94922	56132.41310	56117.62891	504728.0	5409573.5
L4730.1	504728.0	5409574.7	5379.10010	260.06	38.09	48.839128	-86.935566	56182.24	56259.2	-9.25	56172.99	56171.96875	56132.55960	56117.70703	504728.0	5409574.7
L4730.1	504728.0	5409574.7	5379.20020	260.67	37.82	48.839128	-86.935566	56182.70	56259.3	-9.26	56173.43	56172.39063	56132.66799	56117.75000	504728.0	5409574.7
L4730.1	504728.0	5409576.4	5379.29981	247.44	37.82	48.839143	-86.935566	56182.16	56259.3	-9.28	56172.88	56171.82031	56132.78871	56117.80078	504728.0	5409576.4
L4730.1	504728.0	5409578.1	5379.39990	247.97	37.82	48.839159	-86.935566	56181.28	56259.3	-9.29	56171.99	56170.90625	56132.89054	56117.83594	504728.0	5409578.1
L4730.1	504728.0	5409578.1	5379.50000	261.78	37.45	48.839159	-86.935566	56181.55	56259.3	-9.31	56172.24	56171.13281	56132.95072	56117.82813	504728.0	5409578.1
L4730.1	504728.0	5409579.5	5379.60010	263.28	37.45	48.839172	-86.935566	56179.78	56259.3	-9.33	56170.46	56169.32422	56132.99813	56117.80469	504728.0	5409579.5
L4730.1	504728.0	5409581.2	5379.70020	262.83	31.71	48.839187	-86.935566	56179.81	56259.3	-9.34	56170.47	56169.30859	56133.00275	56117.74219	504728.0	5409581.2
L4730.1	504728.0	5409582.7	5379.79981	262.80	23.27	48.839200	-86.935566	56178.30	56259.4	-9.36	56168.94	56167.75000	56132.97850	56117.64844	504728.0	5409582.7
L4730.1	504728.0	5409583.9	5379.89990	264.69	23.27	48.839211	-86.935566	56178.22	56259.4	-9.37	56168.84	56167.62109	56132.92596	56117.52344	504728.0	5409583.9
L4730.1	504728.0	5409583.9	5380.00000	261.98	23.21	48.839211	-86.935566	56177.94	56259.4	-9.39	56168.55	56167.30078	56132.84686	56117.37500	504728.0	5409583.9
L4730.1	504728.0	5409585.2	5380.10010	263.66	25.3	48.839223	-86.935566	56176.02	56259.4	-9.40	56166.62	56165.33984	56132.73522	56117.19531	504728.0	5409585.2
L4730.1	504728.0	5409586.5	5380.20020	264.65	25.3	48.839235	-86.935566	56176.42	56259.4	-9.41	56167.01	56165.69922	56132.60346	56116.99219	504728.0	5409586.5
L4730.1	504728.0	5409586.5	5380.29981	262.06	33.43	48.839235	-86.935566	56175.14	56259.4	-9.42	56165.71	56164.36719	56132.43191	56116.75000	504728.0	5409586.5

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4730.1	504728.0	5409588.8	5380.39990	264.69	33.38	48.839256	-86.935567	56174.42	56259.4	-9.43	56164.99	56163.61328	56132.23060	56116.47656	504728.0	5409588.8
L4730.1	504728.0	5409590.2	5380.50000	262.07	33.38	48.839268	-86.935567	56173.94	56259.4	-9.44	56164.49	56163.07813	56132.00373	56116.17969	504728.0	5409590.2
L4730.1	504728.0	5409591.3	5380.60010	258.41	35.12	48.839278	-86.935567	56173.86	56259.5	-9.46	56164.41	56162.96484	56131.75201	56115.85547	504728.0	5409591.3
L4730.1	504727.9	5409592.7	5380.70020	258.84	35.12	48.839291	-86.935567	56172.15	56259.5	-9.47	56162.68	56161.19922	56131.49115	56115.52344	504727.9	5409592.7
L4730.1	504727.9	5409593.9	5380.79981	256.62	35.32	48.839301	-86.935567	56170.86	56259.5	-9.48	56161.38	56159.85938	56131.22187	56115.18359	504727.9	5409593.9
L4730.1	504727.9	5409595.5	5380.89990	256.41	32.4	48.839316	-86.935567	56170.54	56259.5	-9.49	56161.05	56159.49219	56130.93698	56114.82422	504727.9	5409595.5
L4730.1	504727.9	5409595.5	5381.00000	253.54	32.4	48.839316	-86.935567	56170.50	56259.5	-9.50	56161.00	56159.40625	56130.64828	56114.46484	504727.9	5409595.5
L4730.1	504727.9	5409597.1	5381.10010	244.39	32.93	48.839330	-86.935567	56169.12	56259.5	-9.52	56159.60	56157.96484	56130.40493	56114.14844	504727.9	5409597.1
L4730.1	504727.9	5409598.7	5381.20020	246.46	26.07	48.839345	-86.935567	56168.63	56259.5	-9.54	56159.10	56157.42578	56130.16508	56113.83594	504727.9	5409598.7
L4730.1	504727.9	5409598.7	5381.29981	256.81	29.06	48.839345	-86.935567	56167.54	56259.6	-9.56	56157.98	56156.26953	56129.97144	56113.57031	504727.9	5409598.7
L4730.1	504727.9	5409600.7	5381.39990	258.02	29.06	48.839362	-86.935567	56166.38	56259.6	-9.58	56156.81	56155.05859	56129.80925	56113.33594	504727.9	5409600.7
L4730.1	504728.0	5409601.9	5381.50000	257.19	29.06	48.839373	-86.935567	56166.48	56259.6	-9.60	56156.89	56155.09766	56129.63204	56113.08984	504728.0	5409601.9
L4730.1	504728.0	5409603.3	5381.60010	258.68	34.61	48.839386	-86.935567	56165.39	56259.6	-9.61	56155.78	56153.94531	56129.52017	56112.90234	504728.0	5409603.3
L4730.1	504728.0	5409604.7	5381.70020	259.33	33.17	48.839398	-86.935566	56163.89	56259.6	-9.63	56154.26	56152.38672	56129.44645	56112.75781	504728.0	5409604.7
L4730.1	504728.0	5409604.7	5381.79981	258.59	33.17	48.839398	-86.935566	56162.99	56259.7	-9.65	56153.34	56151.42188	56129.37671	56112.61719	504728.0	5409604.7
L4730.1	504728.0	5409606.8	5381.89990	260.39	36.56	48.839418	-86.935566	56162.79	56259.7	-9.67	56153.11	56151.15234	56129.30974	56112.47656	504728.0	5409606.8
L4730.1	504728.0	5409608.8	5382.00000	261.69	36.56	48.839435	-86.935566	56162.21	56259.7	-9.69	56152.52	56150.51953	56129.26528	56112.36328	504728.0	5409608.8
L4730.1	504728.0	5409608.8	5382.10010	261.40	34.48	48.839435	-86.935566	56161.75	56259.7	-9.70	56152.05	56150.00781	56129.22408	56112.25000	504728.0	5409608.8
L4730.1	504728.0	5409610.3	5382.20020	259.59	34.48	48.839448	-86.935566	56160.54	56259.7	-9.71	56150.83	56148.74609	56129.18905	56112.14063	504728.0	5409610.3
L4730.1	504728.0	5409611.7	5382.29981	259.51	30.72	48.839461	-86.935566	56159.42	56259.7	-9.72	56149.70	56147.57422	56129.13807	56112.01953	504728.0	5409611.7
L4730.1	504728.0	5409613.8	5382.39990	261.11	30.72	48.839480	-86.935566	56159.24	56259.7	-9.73	56149.52	56147.35156	56129.06486	56111.87500	504728.0	5409613.8
L4730.1	504728.0	5409615.4	5382.50000	260.06	36.3	48.839494	-86.935566	56159.02	56259.7	-9.74	56149.29	56147.07813	56128.97198	56111.71094	504728.0	5409615.4
L4730.1	504728.0	5409615.4	5382.60010	260.92	36.3	48.839494	-86.935566	56157.58	56259.7	-9.74	56147.83	56145.57422	56128.85456	56111.52344	504728.0	5409615.4
L4730.1	504728.0	5409616.4	5382.70020	259.92	33.98	48.839504	-86.935566	56157.92	56259.8	-9.75	56148.17	56145.87109	56128.71598	56111.31250	504728.0	5409616.4
L4730.1	504728.0	5409617.9	5382.79981	261.48	33.98	48.839517	-86.935565	56156.84	56259.8	-9.76	56147.08	56144.73828	56128.54737	56111.07422	504728.0	5409617.9
L4730.1	504728.0	5409617.9	5382.89990	262.14	32.83	48.839517	-86.935565	56155.36	56259.8	-9.77	56145.58	56143.19922	56128.35848	56110.81250	504728.0	5409617.9
L4730.1	504728.0	5409619.4	5383.00000	261.83	32.23	48.839530	-86.935565	56155.82	56259.8	-9.78	56146.04	56143.61328	56128.14839	56110.53125	504728.0	5409619.4
L4730.1	504728.0	5409621.4	5383.10010	260.62	32.23	48.839549	-86.935565	56155.09	56259.8	-9.80	56145.29	56142.82422	56127.92499	56110.23828	504728.0	5409621.4
L4730.1	504728.0	5409622.7	5383.20020	261.37	37.82	48.839561	-86.935565	56155.05	56259.8	-9.81	56145.24	56142.73047	56127.67962	56109.92188	504728.0	5409622.7
L4730.1	504728.0	5409624.4	5383.29981	261.17	37.82	48.839576	-86.935565	56154.88	56259.8	-9.83	56145.04	56142.48828	56127.42139	56109.59375	504728.0	5409624.4
L4730.1	504728.0	5409624.4	5383.39990	260.96	37.82	48.839576	-86.935565	56154.64	56259.8	-9.85	56144.80	56142.20703	56127.15288	56109.25391	504728.0	5409624.4
L4730.1	504728.1	5409625.9	5383.50000	261.83	35.75	48.839589	-86.935565	56154.67	56259.9	-9.86	56144.80	56142.16797	56126.86481	56108.89844	504728.1	5409625.9
L4730.1	504728.1	5409625.9	5383.60010	259.89	35.73	48.839589	-86.935565	56154.26	56259.9	-9.88	56144.38	56141.70703	56126.58512	56108.54688	504728.1	5409625.9
L4730.1	504728.1	5409628.0	5383.70020	260.79	35.73	48.839608	-86.935565	56154.67	56259.9	-9.90	56144.77	56142.05469	56126.24910	56108.14063	504728.1	5409628.0
L4730.1	504728.1	5409629.5	5383.79981	260.65	35.28	48.839621	-86.935565	56153.81	56259.9	-9.92	56143.89	56141.13672	56126.13689	56107.96094	504728.1	5409629.5
L4730.1	504728.1	5409630.9	5383.89990	259.92	31.53	48.839634	-86.935565	56153.75	56259.9	-9.93	56143.82	56141.02344	56126.02428	56107.77734	504728.1	5409630.9
L4730.1	504728.1	5409630.9	5384.00000	259.06	31.53	48.839634	-86.935565	56154.29	56259.9	-9.95	56144.34	56141.50391	56125.87534	56107.55859	504728.1	5409630.9
L4730.1	504728.1	5409632.8	5384.10010	248.09	34.44	48.839651	-86.935564	56154.39	56260	-9.96	56144.43	56141.55469	56125.75796	56107.37500	504728.1	5409632.8
L4730.1	504728.1	5409634.2	5384.20020	248.67	34.44	48.839663	-86.935564	56154.57	56260	-9.97	56144.60	56141.68750	56125.63799	56107.18359	504728.1	5409634.2
L4730.1	504728.1	5409635.9	5384.29981	257.87	34.51	48.839679	-86.935564	56154.16	56260	-9.97	56144.19	56141.23828	56125.55928	56107.03516	504728.1	5409635.9
L4730.1	504728.1	5409635.9	5384.39990	260.13	34.51	48.839679	-86.935564	56154.19	56260	-9.98	56144.21	56141.22266	56125.45432	56106.86328	504728.1	5409635.9
L4730.1	504728.1	5409637.6	5384.50000	248.28	29.43	48.839694	-86.935564	56155.00	56260	-9.99	56145.01	56141.98438	56125.29958	56106.63672	504728.1	5409637.6
L4730.1	504728.1	5409639.3	5384.60010	246.75	29.43	48.839709	-86.935564	56155.78	56260	-10.00	56145.78	56142.71484	56125.14884	56106.41797	504728.1	5409639.3
L4730.1	504728.1	5409639.3	5384.70020	265.51	29.39	48.839709	-86.935564	56155.58	56260	-10.01	56145.58	56142.48047	56125.06455	56106.26563	504728.1	5409639.3
L4730.1	504728.1	5409640.7	5384.79981	265.71	31.45	48.839722	-86.935564	56156.36	56260	-10.01	56146.35	56143.21484	56124.91711	56106.04688	504728.1	5409640.7
L4730.1	504728.1	5409640.7	5384.89990	264.81	31.45	48.839722	-86.935564	56156.52	56260	-10.02	56146.49	56143.31641	56124.81295	56105.87500	504728.1	5409640.7
L4730.1	504728.1	5409643.9	5385.00000	248.06	31.89	48.839751	-86.935564	56156.57	56260	-10.03	56146.54	56143.33203	56124.71579	56105.70703	504728.1	5409643.9
L4730.1	504728.1	5409643.9	5385.10010	248.04	31.89	48.839751	-86.935564	56157.77	56260	-10.04	56147.73	56144.48828	56124.54333	56105.46484	504728.1	5409643.9
L4730.1	504728.1	5409645.5	5385.20020	258.69	29.46	48.839765	-86.935564	56157.98	56260.1	-10.05	56147.93	56144.65234	56124.43729	56105.28906	504728.1	5409645.5
L4730.1	504728.1	5409646.9	5385.29981	245.33	29.46	48.839778	-86.935564	56158.32	56260.1	-10.07	56148.25	56144.93750	56124.32336	56105.10547	504728.1	5409646.9
L4730.1	504728.1	5409648.1	5385.39990	248.25	36.84	48.839789	-86.935565	56157.97	56260.1	-10.08	56147.89	56144.54297	56124.25457	56104.96484	504728.1	5409648.1
L4730.1	504728.1	5409648.1	5385.50000	256.84	28.41	48.839789	-86.935565	56159.23	56260.1	-10.09	56149.14	56145.76172	56124.07792	56104.71875	504728.1	5409648.1
L4730.1	504728.0	5409649.8	5385.60010	257.21	28.41	48.839804	-86.935565	56159.95	56260.1	-10.10	56149.85	56146.43750	56123.93644	56104.50781	504728.0	5409649.8
L4730.1	504728.0	5409651.4	5385.70020	247.67	28.01	48.839819	-86.935565	56160.03	56260.1	-10.11	56149.92	56146.47656	56123.83645	56104.33594	504728.0	5409651.4
L4730.1	504728.0	5409653.2	5385.79981	248.61	27.17	48.839835	-86.935565	56160.77	56260.1	-10.13	56150.64	56147.16406	56123.69162	56104.12109	504728.0	5409653.2
L4730.1	504728.0	5409653.2	5385.89990	250.87	27.17	48.839835	-86.935565	56160.91	56260.1	-10.14	56150.77	56147.26172	56123.58431	56103.94141	504728.0	5409653.2
L4730.1	504728.0	5409654.5	5386.00000	251.70	27.17	48.839847	-86.935565	56161.58	56260.2	-10.15	56151.43	56147.89063	56123.43950	56103.72266	504728.0	5409654.5
L4730.1	504728.0	5409656.3	5386.10010	251.87	38.21	48.839863	-86.935565	56161.90	56260.2	-10.16	56151.74	56148.16797	56123.31555	56103.52734	504728.0	5409656.3
L4730.1	504728.0	5409657.4	5386.20020	248.05	38.21	48.839872	-86.935565	56162.36	56260.2	-10.16	56152.19	56148.58984	56123.17945	56103.31641	504728.0	5409657.4
L4730.1	504728.0	5409658.6	5386.29981	246.80	38.18	48.839883	-86.935565	56162.99	56260.2	-10.17	56152.82	56149.18750	56123.02823	56103.09375	504728.0	5409658.6
L4730.1	504728.0	5409658.6	5386.39990	247.33	33.59	48.839883	-86.935565	56162.82	56260.2	-10.17	56152.64	56148.98047	56122.92756	56102.91797	504728.0	5409658.6
L4730.1	504728.0	5409660.4	5386.50000	247.57	33.59	48.839899	-86.935565	56162.91	56260.2	-10.18	56152.73	56149.03906	56122.80515	56102.71875	504728.0	5409660.4
L4730.1	504728.0	5409661.4	5386.60010	248.11	35.19	48.839908	-86.935565	56163.98	56260.2	-10.19	56153.79	56150.07031	56122.61403	56102.45313	504728.0	5409661.4
L4730.1	504728.0	5409662.8	5386.70020	246.24	34.55	48.839921	-86.935566	56164.38	56260.2	-10.19	56154.19	56150.44141	56122.46257	56102.22656	504728.0	5409662.8
L4730.1	504728.0	5409664.2	5386.79981	247.77	34.55	48.839934	-86.935566	56164.36	56260.2	-10.20	56154.16	56150.38281	56122.33516	56102.01953	504728.0	5409664.2
L4730.1	504727.9	5409665.5	5386.89990	248.45	34.9	48.839945	-86.935566	56165.01	56260.2	-10.20	56154.81	56151.00391	56122.15752	56101.76563	504727.9	5409665.5
L4730.1	504727.9	5409666.8	5387.00000	249.05	34.06	48.839957	-86.935566	56164.59	56260.2	-10.21	56154.38	56150.54297	56122.04673	56101.57422	504727.9	5409666.8
L4730.1	504727.9	5409668.1	5387.10010	247.11	27.48	48.839968	-86.935566	56164.96	56260.2	-10.22	56154.74	56150.87500	56121.87789	56101.32813	504727.9	5409668.1
L4730.1	504727.9	5409668.1	5387.20020	247.03	33.12	48.839968	-86.935566	56165.70	56260.2	-10.23	56155.47	56151.57813	56121.67874	56101.04688	504727.9	5409668.1
L4730.1	504727.9	5409669.7	5387.29981	248.10	33.12	48.839983	-86.935567	56164.48	56260.2	-10.24	56154.23	56150.30859	56121.60507	56100.89063	504727.9	5409669.7
L4730.1	504727.9	5409671.7	5387.39990	247.11	34.15	48.840001	-86.935567	56164.46	56260.3	-10.25	56154.21	56150.26172	56121.44400	56100.64453	504727.9	5409671.7
L4730.1	504727.9	5409672.6	5387.50000	244.53	34.15	48.840010	-86.935567	56164.58	56260.3	-10.26	56154.31	56150.33203	56121.26867	56100.38672	504727.9	5409672.6
L4730.1	504727.9	5409673.7	5387.60010	246.16	34.71	48.840019	-86.935567	56165.57	56260.3	-10.28	56155.29	56151.28516	56121.02823	56100.05859	504727.9	5409673.7
L4730.1	504727.8	5409675.1	5387.70020	247.39	33.44	48.840031	-86.935567	56165.21	56260.3	-10.29	56154.93	56150.89453	56120.87051	56099.81641	504727.8	5409675.1
L4730.1	504727.8	5409675.1	5387.79981	246.52	35.27	48.840031	-86.935567	56163.83	56260.3	-10.30	56153.53	56149.46875	56120.77536	56099.63281	504727.8	5409675.1
L4730.1	504727.8	5409676.5	5387.89990	247.02	31.22	48.840044	-86.935568	56165.04	56260.3	-10.31	56154.73	56150.64063	56120.49997	56099.26563	504727.8	5409676.5
L4730.1	504727.8	5409678.1	5388.00000	247.49	31.22	48.840058	-86.935568	56164.36	56260.3	-10.32	56154.04	56149.91797	56120.34355	56099.01953	504727.8	5409678.1
L4730.1	504727.8	5409679.5	5388.10010	245.38	27.66	48.840071	-86.935568	56164.71	56260.3	-10.33	56154.38	56150.23047	56120.11133	56098.69531	504727.8	5409679.5
L4730.1	504727.8	5409681.2	5388.20020	247.29	27.66	48.840086	-86.935568	56165.13	56260.3	-10.33	56154.79	56150.60938	56119.86721	56098.35547	504727.8	5409681.2
L4730.1	504727.8	5409681.2	5388.29981	248.44	36.03	48.840086	-86.935568	56164.27	56260.3	-10.34	56153.93	56149.72266	56119.70043	56098.09375	504727.8	5409681.2
L4730.1	504727.8	5409682.6	5388.39990	249.72	32.66	48.840099	-86.935568	56163.68	56260.3	-10.35	56153.33	56149.08984	56119.50894	56097.80469	504727.8	5409682.6
L4730.1	504727.8	5409682.6	5388.50000	251.36	32.66	48.840099	-86.935568	56163.35	56260.4	-10.35	56152.99	56148.72266	56119.29268	56097.48828	504727.8	5409682.6
L4730.1	504727.8	5409685.7	5388.60010	253.31	32.66	48.840127	-86.935568	56163.22	56260.4	-10.36	56152.86	56148.55859	56119.05495	56097.14844	504727.8	5409685.7
L4730.1	504727.8	5409685.7	5388.70020	252.28	35.06	48.840127	-86.935568	56163.04	56260.4	-10.37	56152.67	56148.33984	56118.81372	56096.80469	504727.8	5409685.7
L4730.1	504727.8	5409687.4	5388.79981	250.61	27.83	48.840142	-86.935568	56162.43	56260.4	-10.38	56152.06	56147.69531	56118.59298	56096.48047	504727.8	5409687.4
L4730.1	504727.8	5409688.5	5388.89990	250.05	27.83	48.840152	-86.935567	56162.10	56260.4	-10.38	56151.72	56147.32422	56118.34673	56096.12891	504727.8	5409688.5
L4730.1	504727.8	5409690.3	5389.00000	248.77	30.05	48.840168	-86.935567	56161.40	56260.4	-10.39	56151.01	56146.58203	56118.11766	56095.78906	504727.8	5409690.3
L4730.1	504727.9	5409691.6	5389.10010	247.90	30.05	48.840180	-86.935567	56161.19	56260.4	-10.40	56150.79	56146.32813	56117.84846	56095.41016	504727.9	5409691.6
L4730.1	504727.9	5409691.6	5389.20020	246.02	28.35	48.840180	-86.935567	56160.59	56260.4	-10.41	56150.18	56145.68359	56117.59783	56095.04688	504727.9	5409691.6
L4730.1	504727.9	5409692.8	5389.29981	243.79	28.91	48.840191	-86.935567	56160.21	56260.4	-10.41	56149.79	56145.25781	56117.32518	56094.65625	504727.9	5409692.8
L4730.1	504727.9	5409694.4	5389.29981	243.79	28.91	48.840205	-86.935566	56159.32	56260.4	-10.41	56148.91	56144.34375	56117.07789	56094.29297	504727.9	5409694.4
L4730.1	504727.9	5409696.2	5389.39990	243.12	30.82	48.840222	-86.935566	56159.29	56260.4	-10.42	56148.87	56144.26563	56116.76738	56093.85938	504727.9	5409696.2
L4730.1	504728.0	5409697.4	5389.60010	242.06	34.37	48.840232	-86.935565	56158.11	56260.4	-10.44	56147.67	56143.02734	56116.52706	56093.50000	504728.0	5409697.4

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4730.1	504728.0	5409697.4	5389.70020	243.55	32.62	48.840232	-86.935565	56158.06	56260.4	-10.45	56147.61	56142.92969	56116.20372	56093.05078	504728.0	5409697.4
L4730.1	504728.0	5409699.0	5389.79981	246.55	32.62	48.840246	-86.935565	56157.15	56260.5	-10.45	56146.69	56141.96875	56115.93079	56092.64844	504728.0	5409699.0
L4730.1	504728.0	5409700.4	5389.89990	247.87	31.05	48.840259	-86.935565	56156.38	56260.5	-10.46	56145.92	56141.16016	56115.64107	56092.23047	504728.0	5409700.4
L4730.1	504728.0	5409700.4	5390.00000	247.76	31.05	48.840259	-86.935565	56155.56	56260.5	-10.47	56145.09	56140.28906	56115.34868	56091.80469	504728.0	5409700.4
L4730.1	504728.0	5409702.3	5390.10010	259.67	31.71	48.840276	-86.935564	56154.24	56260.5	-10.48	56143.76	56138.91406	56115.08311	56091.40234	504728.0	5409702.3
L4730.1	504728.1	5409703.6	5390.20020	262.50	31.71	48.840288	-86.935564	56154.08	56260.5	-10.49	56143.59	56138.70313	56114.73385	56090.91797	504728.1	5409703.6
L4730.1	504728.1	5409704.7	5390.29981	262.14	28.59	48.840297	-86.935564	56153.58	56260.5	-10.50	56143.07	56138.13672	56114.40174	56090.44531	504728.1	5409704.7
L4730.1	504728.1	5409706.3	5390.39990	262.24	28.59	48.840312	-86.935563	56153.15	56260.5	-10.51	56142.63	56137.65234	56114.05827	56089.95703	504728.1	5409706.3
L4730.1	504728.1	5409707.8	5390.50000	261.22	29.96	48.840325	-86.935563	56152.55	56260.5	-10.53	56142.02	56136.99219	56113.72031	56089.47266	504728.1	5409707.8
L4730.1	504728.1	5409707.8	5390.60010	259.86	34.37	48.840325	-86.935563	56150.64	56260.5	-10.54	56140.11	56135.03516	56113.46340	56089.06641	504728.1	5409707.8
L4730.1	504728.1	5409709.4	5390.70020	260.37	34.37	48.840340	-86.935563	56150.75	56260.5	-10.55	56140.21	56135.08594	56113.06706	56088.51953	504728.1	5409709.4
L4730.1	504728.1	5409709.4	5390.79981	261.99	33.48	48.840340	-86.935563	56150.46	56260.6	-10.56	56139.90	56134.72266	56112.91390	56088.21094	504728.1	5409709.4
L4730.1	504728.1	5409711.0	5390.89990	262.94	26.31	48.840355	-86.935563	56148.95	56260.6	-10.57	56138.38	56133.15234	56113.04296	56088.17969	504728.1	5409711.0
L4730.1	504728.2	5409712.7	5391.00000	263.36	26.31	48.840370	-86.935563	56148.22	56260.6	-10.58	56137.64	56132.35547	56113.05850	56088.03516	504728.2	5409712.7
L4730.1	504728.2	5409714.0	5391.10010	264.68	26.48	48.840381	-86.935563	56147.94	56260.6	-10.58	56137.35	56132.01172	56112.99461	56087.80469	504728.2	5409714.0
L4730.1	504728.2	5409715.5	5391.20020	265.15	26.48	48.840395	-86.935563	56146.20	56260.6	-10.59	56135.61	56130.21484	56112.86030	56087.50391	504728.2	5409715.5
L4730.1	504728.2	5409716.8	5391.29981	262.87	29.75	48.840407	-86.935562	56145.94	56260.6	-10.60	56135.35	56129.89453	56112.64464	56087.11719	504728.2	5409716.8
L4730.1	504728.2	5409716.8	5391.39990	260.00	31.75	48.840407	-86.935562	56145.08	56260.6	-10.60	56134.48	56128.96484	56112.35993	56086.66016	504728.2	5409716.8
L4730.1	504728.2	5409718.3	5391.50000	260.62	31.39	48.840420	-86.935562	56143.82	56260.6	-10.60	56133.22	56127.64453	56112.00882	56086.12891	504728.2	5409718.3
L4730.1	504728.2	5409719.7	5391.60010	261.74	31.39	48.840433	-86.935562	56142.38	56260.6	-10.61	56131.76	56126.12109	56111.60180	56085.54297	504728.2	5409719.7
L4730.1	504728.2	5409720.8	5391.70020	260.00	32.11	48.840442	-86.935562	56141.06	56260.6	-10.61	56130.45	56124.74609	56111.15583	56084.91406	504728.2	5409720.8
L4730.1	504728.2	5409721.8	5391.79981	261.52	27.59	48.840452	-86.935562	56140.72	56260.6	-10.62	56130.10	56124.33203	56110.69052	56084.26172	504728.2	5409721.8
L4730.1	504728.2	5409723.4	5391.89990	260.37	27.59	48.840466	-86.935562	56140.50	56260.6	-10.63	56129.88	56124.04297	56110.19771	56083.57813	504728.2	5409723.4
L4730.1	504728.2	5409724.9	5392.00000	261.19	27.48	48.840479	-86.935562	56138.64	56260.6	-10.63	56128.01	56122.10547	56109.68122	56082.86719	504728.2	5409724.9
L4730.1	504728.2	5409726.3	5392.10010	262.07	26.57	48.840492	-86.935562	56137.70	56260.6	-10.64	56127.06	56121.08203	56109.16601	56082.15234	504728.2	5409726.3
L4730.1	504728.2	5409726.3	5392.20020	260.18	26.57	48.840492	-86.935562	56136.68	56260.6	-10.64	56126.04	56119.98828	56108.65564	56081.44141	504728.2	5409726.3
L4730.1	504728.2	5409728.7	5392.29981	260.32	31.38	48.840514	-86.935562	56136.25	56260.7	-10.65	56125.60	56119.47266	56108.14640	56080.73047	504728.2	5409728.7
L4730.1	504728.2	5409730.1	5392.39990	259.60	31.38	48.840526	-86.935562	56134.51	56260.7	-10.66	56123.85	56117.64844	56107.67426	56080.05078	504728.2	5409730.1
L4730.1	504728.2	5409730.1	5392.50000	257.82	32.98	48.840526	-86.935562	56133.10	56260.7	-10.67	56122.43	56116.14844	56107.21656	56079.37891	504728.2	5409730.1
L4730.1	504728.1	5409731.8	5392.60010	256.91	32.98	48.840541	-86.935562	56132.25	56260.7	-10.67	56121.58	56115.21875	56106.76184	56078.71094	504728.1	5409731.8
L4730.1	504728.1	5409733.2	5392.70020	255.08	29.47	48.840554	-86.935562	56130.59	56260.7	-10.68	56119.92	56113.48047	56106.35053	56078.08203	504728.1	5409733.2
L4730.1	504728.1	5409733.2	5392.79981	256.65	29.47	48.840554	-86.935562	56129.34	56260.7	-10.69	56118.65	56112.12500	56105.94398	56077.45313	504728.1	5409733.2
L4730.1	504728.1	5409735.1	5392.89990	247.06	32.57	48.840571	-86.935563	56128.64	56260.7	-10.69	56117.95	56111.33984	56105.53013	56076.81641	504728.1	5409735.1
L4730.1	504728.1	5409736.5	5393.00000	247.20	31.7	48.840584	-86.935563	56126.64	56260.7	-10.70	56115.95	56109.25391	56105.17788	56076.23438	504728.1	5409736.5
L4730.1	504728.1	5409738.1	5393.10010	255.40	31.7	48.840598	-86.935563	56125.13	56260.7	-10.71	56114.42	56107.63672	56104.81744	56075.64453	504728.1	5409738.1
L4730.1	504728.1	5409739.4	5393.20020	256.80	32.34	48.840610	-86.935563	56124.09	56260.7	-10.71	56113.38	56106.50391	56104.44470	56075.03516	504728.1	5409739.4
L4730.1	504728.1	5409739.4	5393.29981	258.36	34.39	48.840610	-86.935563	56124.03	56260.7	-10.72	56113.31	56106.34375	56104.03740	56074.39063	504728.1	5409739.4
L4730.1	504728.1	5409741.4	5393.39990	257.85	34.39	48.840628	-86.935563	56122.17	56260.7	-10.73	56111.44	56104.37891	56103.70898	56073.82031	504728.1	5409741.4
L4730.1	504728.1	5409743.0	5393.50000	258.18	34.39	48.840643	-86.935563	56119.94	56260.7	-10.74	56109.20	56102.04297	56103.40219	56073.26563	504728.1	5409743.0
L4730.1	504728.1	5409743.0	5393.60010	260.19	31.03	48.840643	-86.935563	56118.70	56260.7	-10.74	56107.95	56100.69922	56103.05891	56072.67578	504728.1	5409743.0
L4730.1	504728.1	5409744.4	5393.70020	258.83	32.97	48.840655	-86.935563	56118.14	56260.7	-10.75	56107.40	56100.04688	56102.68902	56072.05469	504728.1	5409744.4
L4730.1	504728.1	5409746.2	5393.79981	259.47	27.89	48.840671	-86.935564	56116.42	56260.8	-10.76	56105.66	56098.20703	56102.38466	56071.49219	504728.1	5409746.2
L4730.1	504728.0	5409747.6	5393.89990	260.33	27.89	48.840683	-86.935564	56114.73	56260.8	-10.76	56103.96	56096.40625	56102.09456	56070.94531	504728.0	5409747.6
L4730.1	504728.0	5409747.6	5394.00000	260.40	24.15	48.840683	-86.935564	56112.25	56260.8	-10.77	56101.48	56093.82422	56101.87555	56070.46484	504728.0	5409747.6
L4730.1	504728.0	5409749.4	5394.10010	261.25	24.15	48.840700	-86.935564	56111.14	56260.8	-10.78	56100.36	56092.59766	56101.59568	56069.91797	504728.0	5409749.4
L4730.1	504728.0	5409750.9	5394.20020	260.66	24.15	48.840713	-86.935564	56110.42	56260.8	-10.78	56099.64	56091.76953	56101.29805	56069.35156	504728.0	5409750.9
L4730.1	504728.0	5409752.5	5394.29981	263.02	32.78	48.840728	-86.935564	56109.12	56260.8	-10.79	56098.33	56090.35156	56101.05065	56068.83594	504728.0	5409752.5
L4730.1	504728.0	5409752.5	5394.39990	263.80	31.71	48.840728	-86.935564	56108.33	56260.8	-10.79	56097.53	56089.44141	56100.78078	56068.28906	504728.0	5409752.5
L4730.1	504728.0	5409754.0	5394.50000	263.17	30.63	48.840741	-86.935565	56105.14	56260.8	-10.80	56094.34	56086.14063	56100.68244	56067.91406	504728.0	5409754.0
L4730.1	504728.0	5409755.2	5394.60010	261.23	30.63	48.840752	-86.935565	56104.72	56260.8	-10.81	56093.91	56085.59766	56100.41295	56067.36328	504728.0	5409755.2
L4730.1	504728.0	5409755.2	5394.70020	262.52	34.5	48.840752	-86.935565	56103.32	56260.8	-10.81	56092.50	56084.07422	56100.22228	56066.89063	504728.0	5409755.2
L4730.1	504727.9	5409757.0	5394.79981	249.72	33.07	48.840768	-86.935565	56102.16	56260.8	-10.82	56091.35	56082.80859	56100.02841	56066.41016	504727.9	5409757.0
L4730.1	504727.9	5409758.4	5394.89990	251.80	33.07	48.840781	-86.935565	56100.01	56260.8	-10.82	56089.18	56080.52344	56099.91730	56066.01172	504727.9	5409758.4
L4730.1	504727.9	5409758.4	5395.00000	249.20	32.96	48.840781	-86.935565	56098.79	56260.8	-10.83	56087.96	56079.18359	56099.75825	56065.55859	504727.9	5409758.4
L4730.1	504727.9	5409760.9	5395.10010	247.24	35	48.840803	-86.935565	56098.52	56260.8	-10.83	56087.69	56078.79688	56099.55187	56065.05859	504727.9	5409760.9
L4730.1	504727.9	5409762.3	5395.20020	249.27	35	48.840816	-86.935565	56096.41	56260.8	-10.84	56085.58	56076.56250	56099.48475	56064.69531	504727.9	5409762.3
L4730.1	504727.9	5409762.3	5395.29981	247.13	38.38	48.840816	-86.935565	56094.67	56260.8	-10.84	56083.83	56074.69141	56099.41082	56064.32031	504727.9	5409762.3
L4730.1	504727.9	5409763.8	5395.39990	247.55	38.38	48.840830	-86.935565	56094.26	56260.8	-10.85	56083.42	56074.16016	56099.26530	56063.87500	504727.9	5409763.8
L4730.1	504727.9	5409765.0	5395.50000	246.79	25.63	48.840840	-86.935565	56093.76	56260.9	-10.85	56082.91	56073.52734	56099.14474	56063.44922	504727.9	5409765.0
L4730.1	504727.9	5409766.3	5395.60010	246.64	26.19	48.840852	-86.935565	56091.64	56260.9	-10.85	56080.78	56071.26953	56099.15099	56063.14844	504727.9	5409766.3
L4730.1	504727.9	5409767.6	5395.70020	246.71	25.95	48.840863	-86.935565	56091.16	56260.9	-10.86	56080.30	56070.66406	56099.06657	56062.75781	504727.9	5409767.6
L4730.1	504727.9	5409769.1	5395.79981	244.51	25.95	48.840877	-86.935565	56089.59	56260.9	-10.86	56078.72	56068.95703	56099.07527	56062.45313	504727.9	5409769.1
L4730.1	504727.9	5409770.5	5395.89990	245.45	38.09	48.840890	-86.935565	56089.23	56260.9	-10.87	56078.37	56068.48047	56099.02220	56062.08984	504727.9	5409770.5
L4730.1	504727.9	5409771.7	5396.00000	244.85	38.09	48.840901	-86.935565	56088.77	56260.9	-10.87	56077.90	56067.88281	56098.99778	56061.75000	504727.9	5409771.7
L4730.1	504727.9	5409771.7	5396.10010	247.45	36.68	48.840901	-86.935565	56087.51	56260.9	-10.88	56076.63	56066.48047	56099.04773	56061.48047	504727.9	5409771.7
L4730.1	504727.9	5409773.0	5396.20020	250.47	37.59	48.840912	-86.935565	56087.43	56260.9	-10.88	56076.55	56066.26953	56099.03974	56061.15625	504727.9	5409773.0
L4730.1	504728.0	5409774.8	5396.29981	252.11	37.59	48.840928	-86.935565	56086.86	56260.9	-10.89	56075.96	56065.55078	56099.08745	56060.88281	504728.0	5409774.8
L4730.1	504728.0	5409774.8	5396.39990	252.00	35.18	48.840928	-86.935565	56087.13	56260.9	-10.90	56076.23	56065.68750	56099.09980	56060.57422	504728.0	5409774.8
L4730.1	504728.0	5409776.4	5396.50000	253.53	33.8	48.840942	-86.935564	56086.14	56260.9	-10.91	56075.24	56064.56641	56099.21838	56060.36719	504728.0	5409776.4
L4730.1	504728.0	5409777.8	5396.60010	255.28	33.8	48.840956	-86.935564	56086.98	56260.9	-10.91	56076.07	56065.26563	56099.23804	56060.06250	504728.0	5409777.8
L4730.1	504728.0	5409779.1	5396.70020	254.36	36.83	48.840967	-86.935564	56086.04	56260.9	-10.92	56075.12	56064.17969	56099.39895	56059.89844	504728.0	5409779.1
L4730.1	504728.0	5409780.2	5396.79981	254.47	34.08	48.840977	-86.935564	56085.64	56260.9	-10.93	56074.72	56063.64844	56099.54589	56059.71875	504728.0	5409780.2
L4730.1	504728.0	5409782.0	5396.89990	253.42	34.08	48.840993	-86.935564	56085.54	56260.9	-10.93	56074.61	56063.40234	56099.69628	56059.54297	504728.0	5409782.0
L4730.1	504728.0	5409782.0	5397.00000	260.19	32.31	48.840993	-86.935564	56086.12	56260.9	-10.94	56075.18	56063.83984	56099.82414	56059.33984	504728.0	5409782.0
L4730.1	504728.0	5409783.6	5397.10010	258.95	32.98	48.841008	-86.935564	56087.11	56260.9	-10.95	56076.16	56064.68750	56099.94747	56059.13281	504728.0	5409783.6
L4730.1	504728.0	5409785.1	5397.20020	258.17	29.03	48.841021	-86.935564	56087.39	56261	-10.95	56076.43	56064.82031	56100.14087	56058.99609	504728.0	5409785.1
L4730.1	504728.0	5409786.7	5397.29981	260.26	29.03	48.841035	-86.935564	56087.76	56261	-10.96	56076.80	56065.05859	56100.35024	56058.87500	504728.0	5409786.7
L4730.1	504728.0	5409788.1	5397.39990	258.57	32.47	48.841048	-86.935563	56088.60	56261	-10.97	56077.63	56065.75391	56100.55143	56058.74609	504728.0	5409788.1
L4730.1	504728.0	5409788.1	5397.50000	259.78	32.47	48.841048	-86.935563	56089.16	56261	-10.98	56078.18	56066.16797	56100.54698	56058.41016	504728.0	5409788.1
L4730.1	504728.1	5409790.0	5397.60010	258.89	41.28	48.841066	-86.935563	56090.06	56261	-10.98	56079.08	56066.93359	56100.56205	56058.08984	504728.1	5409790.0
L4730.1	504728.1	5409790.0	5397.70020	249.53	38.33	48.841066	-86.935563	56091.54	56261	-10.99	56080.55	56068.26953	56100.61499	56057.81250	504728.1	5409790.0
L4730.1	504728.1	5409791.7	5397.79981	251.46	38.33	48.841081	-86.935563	56092.50	56261	-11.00	56081.50	56069.08594	56100.74541	56057.60938	504728.1	5409791.7
L4730.1	504728.1	5409793.0	5397.89990	259.03	35.16	48.841092	-86.935563	56093.86	56261	-11.00	56082.86	56070.31641	56100.91959	56057.45313	504728.1	5409793.0
L4730.1	504728.1	5409794.1	5398.00000	260.09	33.82	48.841102	-86.935562	56095.15	56261	-11.01	56084.14	56071.46094	56101.14729	56057.34766	504728.1	5409794.1
L4730.1	504728.1	5409795.3	5398.10010	258.65	31.7	48.841113	-86.935562	56096.82	56261	-11.02	56085.80	56072.98828	56101.42215	56057.29297	504728.1	5409795.3
L4730.1	504728.1	5409796.6	5398.20020	261.07	31.7	48.841125	-86.935562	56097.73	56261	-11.03	56086.70	56073.75781	56101.74421	56057.28516	504728.1	5409796.6
L4730.1	504728.1	5409798.2	5398.29981	261.91	32.14	48.841139	-86.935562	56100.14	56261	-11.04	56089.09	56076.01563	56102.11236	56057.32422	504728.1	5409798.2
L4730.1	504728.1	5409799.1	5398.39990	261.39	33.16	48.841147	-86.935562	56101.02	56261.1	-11.05	56089.96	56076.75781	56102.51078	56057.39063	504728.1	5409799.1
L4730.1	504728.1	5409800.4	5398.50000	262.16	33.16	48.841159	-86.935562	56103.55	56261.1	-11.07	56092.48	56079.14453	56102.95815	56057.51172	504728.1	5409800.4
L4730.1	504728.2	5409801.7	5398.60010	261.75	42.8	48.841171	-86.935562	56105.57	56261.1	-11.08	56094.49	56081.02734	56103.43194	56057.65625	504728.2	5409801.7
L4730.1	504728.2	5409801.7	5398.70020	260.44	39.5	48.841171	-86.935562	56107.77	56261.1	-11.09	56096.68	56083.08984	56103.93295	56057.83203	504728.2	5409801.7
L4730.1	504728.2	5409803.0	5398.79981	261.15	39.5	48.841182	-86.935561	56108.98	56261.1	-11.10	56097.89	56084.17188	56104.44133	56058.01563	504728.2	5409803.0
L4730.1	504728.2	5409804.4	5398.89990	260.42	35.73	48.841195	-86.935561	56110.69	56261.1	-11.11	56099.58	56085.73438	56104.97249	56058.22266	504728.2	5409804.4

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4730.1	504728.2	5409805.5	5399.00000	260.52	35.72	48.841205	-86.935561	56113.13	56261.1	-11.12	56102.01	56088.03906	56105.52561	56058.45703	504728.2	5409805.5
L4730.1	504728.2	5409806.9	5399.10010	261.71	35.72	48.841218	-86.935561	56115.49	56261.1	-11.13	56104.36	56090.26563	56106.08722	56058.69922	504728.2	5409806.9
L4730.1	504728.2	5409808.3	5399.20020	260.94	43.51	48.841229	-86.935561	56117.61	56261.1	-11.14	56106.47	56092.25000	56106.65362	56058.94531	504728.2	5409808.3
L4730.1	504728.2	5409809.7	5399.29981	261.30	43.79	48.841242	-86.935561	56119.32	56261.1	-11.15	56108.17	56093.82813	56107.22304	56059.19922	504728.2	5409809.7
L4730.1	504728.2	5409810.7	5399.39990	262.19	39.17	48.841252	-86.935561	56122.59	56261.2	-11.16	56111.44	56096.97656	56107.80334	56059.46484	504728.2	5409810.7
L4730.1	504728.2	5409810.7	5399.50000	263.39	39.17	48.841252	-86.935561	56124.21	56261.2	-11.17	56113.04	56098.45703	56108.37918	56059.73047	504728.2	5409810.7
L4730.1	504728.2	5409812.2	5399.60010	259.01	44.51	48.841265	-86.935561	56127.07	56261.2	-11.17	56115.90	56101.19922	56108.95804	56060.00000	504728.2	5409812.2
L4730.1	504728.2	5409813.4	5399.70020	258.09	44.51	48.841275	-86.935561	56129.92	56261.2	-11.18	56118.74	56103.92188	56109.53572	56060.27344	504728.2	5409813.4
L4730.1	504728.1	5409814.8	5399.79981	257.45	44.45	48.841288	-86.935562	56132.59	56261.2	-11.19	56121.39	56106.45703	56110.11400	56060.54688	504728.1	5409814.8
L4730.1	504728.1	5409816.2	5399.89990	258.95	44.98	48.841301	-86.935562	56134.08	56261.2	-11.20	56122.88	56107.83203	56110.70186	56060.83203	504728.1	5409816.2
L4730.1	504728.1	5409817.7	5400.00000	261.26	44.79	48.841314	-86.935562	56136.36	56261.2	-11.21	56125.15	56109.99219	56111.28928	56061.12109	504728.1	5409817.7
L4730.1	504728.1	5409819.0	5400.10010	247.60	44.79	48.841326	-86.935562	56139.30	56261.2	-11.22	56128.08	56112.80859	56111.87510	56061.41016	504728.1	5409819.0
L4730.1	504728.1	5409819.0	5400.20020	249.43	43.88	48.841326	-86.935562	56142.32	56261.2	-11.23	56131.10	56115.71875	56112.46497	56061.71094	504728.1	5409819.0
L4730.1	504728.1	5409820.7	5400.29981	259.27	44.88	48.841341	-86.935562	56144.88	56261.2	-11.24	56133.64	56118.15234	56113.06706	56062.02344	504728.1	5409820.7
L4730.1	504728.1	5409822.3	5400.39990	258.98	44.88	48.841356	-86.935562	56147.06	56261.2	-11.25	56135.81	56120.21484	56113.68198	56062.35156	504728.1	5409822.3
L4730.1	504728.1	5409822.3	5400.50000	258.12	41.46	48.841356	-86.935562	56148.95	56261.3	-11.26	56137.70	56122.00000	56114.30947	56062.69531	504728.1	5409822.3
L4730.1	504728.1	5409824.1	5400.60010	260.20	44.28	48.841372	-86.935562	56151.58	56261.3	-11.26	56140.32	56124.51953	56114.93992	56063.05078	504728.1	5409824.1
L4730.1	504728.1	5409825.5	5400.70020	261.73	44.28	48.841384	-86.935562	56154.62	56261.3	-11.27	56143.35	56127.44531	56115.57830	56063.41406	504728.1	5409825.5
L4730.1	504728.1	5409826.9	5400.79981	261.82	39.08	48.841397	-86.935562	56156.74	56261.3	-11.28	56145.46	56129.45703	56116.23387	56063.79688	504728.1	5409826.9
L4730.1	504728.1	5409828.3	5400.89990	262.17	40.5	48.841409	-86.935562	56158.98	56261.3	-11.29	56147.69	56131.58984	56116.89475	56064.19141	504728.1	5409828.3
L4730.1	504728.1	5409829.8	5401.00000	261.38	40.5	48.841423	-86.935562	56161.25	56261.3	-11.30	56149.95	56133.75391	56117.55817	56064.58984	504728.1	5409829.8
L4730.1	504728.1	5409829.8	5401.10010	247.34	41.08	48.841423	-86.935562	56162.79	56261.3	-11.31	56151.47	56135.17969	56118.22130	56064.99609	504728.1	5409829.8
L4730.1	504728.1	5409831.3	5401.20020	246.16	35.83	48.841437	-86.935562	56165.92	56261.3	-11.32	56154.60	56138.21875	56118.87181	56065.39063	504728.1	5409831.3
L4730.1	504728.1	5409832.6	5401.29981	245.55	35.83	48.841448	-86.935562	56167.74	56261.3	-11.34	56156.41	56139.93750	56119.51117	56065.78125	504728.1	5409832.6
L4730.1	504728.1	5409834.1	5401.39990	257.55	37.89	48.841462	-86.935562	56170.42	56261.3	-11.35	56159.07	56142.50781	56120.12871	56066.15234	504728.1	5409834.1
L4730.1	504728.1	5409834.1	5401.50000	260.00	40.37	48.841462	-86.935562	56172.02	56261.4	-11.36	56160.66	56144.01172	56120.71958	56066.50000	504728.1	5409834.1
L4730.1	504728.1	5409835.6	5401.60010	259.68	40.37	48.841476	-86.935562	56173.64	56261.4	-11.37	56162.27	56145.53906	56121.27692	56066.82031	504728.1	5409835.6
L4730.1	504728.1	5409837.5	5401.70020	260.79	39.36	48.841493	-86.935562	56176.57	56261.4	-11.38	56165.19	56148.37500	56121.79170	56067.10547	504728.1	5409837.5
L4730.1	504728.1	5409839.0	5401.79981	262.24	39.36	48.841506	-86.935562	56178.12	56261.4	-11.40	56166.72	56149.82422	56122.27583	56067.35938	504728.1	5409839.0
L4730.1	504728.1	5409839.0	5401.89990	260.48	36.23	48.841506	-86.935562	56180.77	56261.4	-11.41	56169.37	56152.39844	56122.72630	56067.58984	504728.1	5409839.0
L4730.1	504728.1	5409840.4	5402.00000	260.87	36.23	48.841518	-86.935562	56181.63	56261.4	-11.42	56170.21	56153.16016	56123.16785	56067.81250	504728.1	5409840.4
L4730.1	504728.1	5409842.0	5402.10010	259.90	36.79	48.841533	-86.935562	56183.48	56261.4	-11.42	56172.05	56154.92578	56123.58513	56068.01563	504728.1	5409842.0
L4730.1	504728.1	5409842.0	5402.20020	260.49	40.77	48.841533	-86.935562	56185.22	56261.4	-11.43	56173.79	56156.59375	56123.98576	56068.21094	504728.1	5409842.0
L4730.1	504728.1	5409843.8	5402.29981	259.47	41.51	48.841549	-86.935562	56187.36	56261.4	-11.43	56175.92	56158.65234	56124.36020	56068.38281	504728.1	5409843.8
L4730.1	504728.1	5409844.8	5402.39990	257.93	41.45	48.841558	-86.935562	56188.96	56261.4	-11.44	56177.53	56160.19141	56124.72278	56068.54688	504728.1	5409844.8
L4730.1	504728.1	5409846.3	5402.50000	246.88	41.45	48.841572	-86.935562	56189.10	56261.4	-11.44	56177.66	56160.25781	56125.10239	56068.73438	504728.1	5409846.3
L4730.1	504728.1	5409847.2	5402.60010	247.18	41.45	48.841579	-86.935562	56191.81	56261.4	-11.44	56180.36	56162.89063	56125.41781	56068.86328	504728.1	5409847.2
L4730.1	504728.1	5409848.5	5402.70020	248.14	38.93	48.841591	-86.935562	56192.63	56261.4	-11.45	56181.18	56163.64844	56125.77068	56069.03516	504728.1	5409848.5
L4730.1	504728.1	5409849.9	5402.79981	248.35	38.93	48.841604	-86.935561	56194.41	56261.5	-11.45	56182.95	56165.35547	56126.10350	56069.19141	504728.1	5409849.9
L4730.1	504728.1	5409851.5	5402.89990	258.75	36.1	48.841619	-86.935561	56196.20	56261.5	-11.46	56184.74	56167.08594	56126.44123	56069.35938	504728.1	5409851.5
L4730.1	504728.1	5409851.5	5403.00000	258.87	36.1	48.841619	-86.935561	56196.41	56261.5	-11.46	56184.95	56167.23828	56126.83163	56069.58594	504728.1	5409851.5
L4730.1	504728.1	5409853.2	5403.10010	259.51	35.76	48.841634	-86.935561	56197.90	56261.5	-11.46	56186.43	56168.66406	56127.19593	56069.78906	504728.1	5409853.2
L4730.1	504728.1	5409854.6	5403.20020	260.42	35.48	48.841646	-86.935561	56199.46	56261.5	-11.47	56187.99	56170.16797	56127.56898	56070.01172	504728.1	5409854.6
L4730.1	504728.1	5409855.8	5403.29981	249.84	35.48	48.841657	-86.935561	56200.68	56261.5	-11.47	56189.21	56171.33594	56127.96348	56070.25781	504728.1	5409855.8
L4730.1	504728.1	5409857.4	5403.39990	251.21	34.58	48.841672	-86.935561	56200.52	56261.5	-11.48	56189.04	56171.11719	56128.40523	56070.55469	504728.1	5409857.4
L4730.1	504728.1	5409857.4	5403.50000	261.83	37.83	48.841672	-86.935561	56202.13	56261.5	-11.48	56190.65	56172.67578	56128.80754	56070.82031	504728.1	5409857.4
L4730.1	504728.1	5409858.9	5403.60010	263.55	37.83	48.841685	-86.935561	56202.86	56261.5	-11.48	56191.37	56173.35156	56129.23904	56071.12109	504728.1	5409858.9
L4730.1	504728.1	5409860.0	5403.70020	262.34	36.62	48.841695	-86.935561	56203.30	56261.5	-11.49	56191.81	56173.74609	56129.68090	56071.43750	504728.1	5409860.0
L4730.1	504728.1	5409861.2	5403.79981	264.14	33.04	48.841706	-86.935561	56204.51	56261.5	-11.49	56193.02	56174.91016	56130.11117	56071.74609	504728.1	5409861.2
L4730.1	504728.2	5409862.7	5403.89990	264.17	33.04	48.841719	-86.935561	56206.02	56261.5	-11.50	56194.52	56176.36719	56130.54392	56072.06641	504728.2	5409862.7
L4730.1	504728.2	5409864.1	5404.00000	261.90	33.02	48.841732	-86.935561	56206.50	56261.5	-11.50	56195.00	56176.80859	56130.99811	56072.41016	504728.2	5409864.1
L4730.1	504728.2	5409864.1	5404.10010	249.56	33.02	48.841732	-86.935561	56206.12	56261.5	-11.50	56194.62	56176.38672	56131.46201	56072.77344	504728.2	5409864.1
L4730.1	504728.2	5409865.7	5404.20020	250.60	36.5	48.841746	-86.935561	56207.13	56261.5	-11.51	56195.62	56177.35156	56131.92072	56073.13281	504728.2	5409865.7
L4730.1	504728.2	5409867.2	5404.29981	262.55	36.5	48.841759	-86.935560	56207.53	56261.5	-11.51	56196.01	56177.70313	56132.40134	56073.52344	504728.2	5409867.2
L4730.1	504728.2	5409868.6	5404.39990	262.12	32.25	48.841773	-86.935560	56207.70	56261.5	-11.52	56196.18	56177.83984	56132.88928	56073.92578	504728.2	5409868.6
L4730.1	504728.2	5409869.8	5404.50000	260.79	33.34	48.841783	-86.935560	56208.70	56261.5	-11.52	56197.18	56178.80469	56133.36763	56074.32422	504728.2	5409869.8
L4730.1	504728.2	5409869.8	5404.60010	249.20	32.11	48.841783	-86.935560	56209.24	56261.5	-11.52	56197.72	56179.31250	56133.80800	56074.68750	504728.2	5409869.8
L4730.1	504728.2	5409871.2	5404.70020	249.09	32.11	48.841796	-86.935560	56209.99	56261.5	-11.53	56198.46	56180.01953	56134.19354	56075.00391	504728.2	5409871.2
L4730.1	504728.2	5409872.4	5404.79981	260.06	32.58	48.841807	-86.935560	56209.79	56261.5	-11.53	56198.26	56179.78906	56134.49744	56075.24609	504728.2	5409872.4
L4730.1	504728.2	5409873.7	5404.89990	259.37	32.38	48.841818	-86.935559	56209.63	56261.5	-11.54	56198.09	56179.58984	56134.74069	56075.43359	504728.2	5409873.7
L4730.1	504728.3	5409875.3	5405.00000	258.12	32.95	48.841832	-86.935559	56209.94	56261.5	-11.54	56198.40	56179.87109	56134.93792	56075.57813	504728.3	5409875.3
L4730.1	504728.3	5409876.5	5405.10010	259.60	32.95	48.841843	-86.935559	56210.21	56261.5	-11.55	56198.66	56180.10547	56135.08047	56075.67188	504728.3	5409876.5
L4730.1	504728.3	5409876.5	5405.20020	259.63	25.74	48.841843	-86.935559	56210.15	56261.6	-11.55	56198.59	56180.00781	56135.15381	56075.70313	504728.3	5409876.5
L4730.1	504728.3	5409879.1	5405.29981	262.52	25.74	48.841867	-86.935559	56210.82	56261.6	-11.56	56199.26	56180.65234	56135.18146	56075.69531	504728.3	5409879.1
L4730.1	504728.3	5409880.6	5405.39990	260.47	33.18	48.841880	-86.935559	56211.15	56261.6	-11.57	56199.58	56180.94922	56135.12717	56075.60938	504728.3	5409880.6
L4730.1	504728.3	5409880.6	5405.50000	263.75	33.97	48.841880	-86.935559	56211.25	56261.6	-11.57	56199.68	56181.02734	56134.99842	56075.45703	504728.3	5409880.6
L4730.1	504728.3	5409882.0	5405.60010	263.93	33.97	48.841893	-86.935559	56210.73	56261.6	-11.58	56199.15	56180.47266	56134.78941	56075.22656	504728.3	5409882.0
L4730.1	504728.3	5409883.4	5405.70020	264.99	32.73	48.841906	-86.935559	56211.33	56261.6	-11.59	56199.74	56181.03906	56134.54986	56074.97266	504728.3	5409883.4
L4730.1	504728.3	5409884.4	5405.79981	264.70	38.89	48.841915	-86.935559	56212.02	56261.6	-11.60	56200.43	56181.70703	56134.25867	56074.67188	504728.3	5409884.4
L4730.1	504728.3	5409885.8	5405.89990	264.13	38.89	48.841927	-86.935559	56211.66	56261.6	-11.60	56200.06	56181.31641	56133.89641	56074.30469	504728.3	5409885.8
L4730.1	504728.2	5409887.4	5406.00000	261.46	38.66	48.841942	-86.935559	56211.04	56261.6	-11.61	56199.43	56180.66797	56133.48735	56073.89844	504728.2	5409887.4
L4730.1	504728.2	5409887.4	5406.10010	259.19	39.14	48.841942	-86.935559	56211.53	56261.6	-11.61	56199.92	56181.13672	56133.05016	56073.46484	504728.2	5409887.4
L4730.1	504728.2	5409888.7	5406.20020	257.47	39.14	48.841953	-86.935559	56211.64	56261.6	-11.62	56200.02	56181.21875	56132.56717	56072.99219	504728.2	5409888.7
L4730.1	504728.2	5409890.1	5406.29981	259.42	39.14	48.841966	-86.935559	56210.97	56261.6	-11.63	56199.35	56180.53125	56132.04594	56072.48828	504728.2	5409890.1
L4730.1	504728.2	5409891.1	5406.39990	259.77	30.63	48.841974	-86.935559	56211.23	56261.6	-11.63	56199.60	56180.76172	56131.49180	56071.95313	504728.2	5409891.1
L4730.1	504728.2	5409892.7	5406.50000	258.16	30.63	48.841989	-86.935559	56211.18	56261.6	-11.64	56199.54	56180.68359	56130.90714	56071.39453	504728.2	5409892.7
L4730.1	504728.2	5409892.7	5406.60010	247.62	36.14	48.841989	-86.935559	56211.10	56261.6	-11.64	56199.46	56180.58594	56130.29645	56070.81250	504728.2	5409892.7
L4730.1	504728.3	5409895.6	5406.70020	244.45	36.14	48.842015	-86.935559	56211.31	56261.6	-11.65	56199.66	56180.76953	56129.66056	56070.21094	504728.3	5409895.6
L4730.1	504728.3	5409895.6	5406.79981	258.56	38.64	48.842015	-86.935559	56210.56	56261.7	-11.65	56198.91	56180.00391	56129.03362	56069.62109	504728.3	5409895.6
L4730.1	504728.3	5409897.2	5406.89990	257.85	38.64	48.842030	-86.935559	56209.66	56261.7	-11.66	56198.01	56179.08594	56128.41342	56069.04297	504728.3	5409897.2
L4730.1	504728.3	5409898.4	5407.00000	257.28	38.64	48.842041	-86.935559	56210.26	56261.7	-11.66	56198.60	56179.66016	56127.75564	56068.43359	504728.3	5409898.4
L4730.1	504728.3	5409899.8	5407.10010	255.71	29.07	48.842053	-86.935559	56210.15	56261.7	-11.67	56198.48	56179.52344	56127.13873	56067.86719	504728.3	5409899.8
L4730.1	504728.3	5409901.3	5407.20020	257.17	34.57	48.842066	-86.935559	56208.88	56261.7	-11.68	56197.20	56178.23047	56126.59761	56067.38281	504728.3	5409901.3
L4730.1	504728.3	5409901.3	5407.29981	258.50	34.57	48.842066	-86.935559	56209.31	56261.7	-11.68	56197.63	56178.64453	56126.03510	56066.88281	504728.3	5409901.3
L4730.1	504728.3	5409902.6	5407.39990	258.18	38.75	48.842079	-86.935558	56209.50	56261.7	-11.69	56197.80	56178.79688	56125.52032	56066.43359	504728.3	5409902.6
L4730.1	504728.3	5409903.8	5407.50000	250.80	33.37	48.842089	-86.935558	56208.77	56261.7	-11.70	56197.07	56178.05469	56125.05645	56066.03516	504728.3	5409903.8
L4730.1	504728.3	5409905.0	5407.60010	250.89	33.37	48.842100	-86.935558	56208.60	56261.7	-11.71	56196.89	56177.85938	56124.56202	56065.61328	504728.3	5409905.0
L4730.1	504728.3	5409906.9	5407.70020	249.87	35.39	48.842117	-86.935558	56207.19	56261.7	-11.72	56195.47	56176.42188	56124.09408	56065.22266	504728.3	5409906.9
L4730.1	504728.3	5409906.9	5407.79981	259.58	27.48	48.842117	-86.935558	56206.27	56261.7	-11.72	56194.55	56175.48828	56123.55997	56064.76953	504728.3	5409906.9
L4730.1	504728.3	5409908.6	5407.89990	260.57	27.48	48.842132	-86.935558	56205.82	56261.7	-11.73	56194.08	56175.00391	56122.95417	56064.25000	504728.3	5409908.6
L4730.1	504728.3	5409909.8	5408.00000	260.18	30.91	48.842143	-86.935558	56205.69	56261.7	-11.74	56193.95	56174.85938	56122.27520	56063.66016	504728.3	5409909.8
L4730.1	504728.3	5409911.2	5408.10010	258.25	31.54	48.842155	-86.935558	56205.43	56261.7	-11.75	56193.69	56174.58594	56121.53997	56063.01563	504728.3	5409911.2
L4730.1	504728.3	5409912.6	5408.20020	256.66	34.34	48.842168	-86.935558	56204.62	56261.8	-11.76	56192.86	56173.74219	56120.77000	56062.33984	504728.3	5409912.6

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4730.1	504728.3	5409914.0	5408.29981	257.16	34.34	48.842181	-86.935558	56204.66	56261.8	-11.77	56192.89	56173.75781	56119.88587	56061.55469	504728.3	5409914.0
L4730.1	504728.3	5409915.4	5408.39990	257.35	37.47	48.842194	-86.935558	56202.27	56261.8	-11.78	56190.49	56171.34766	56119.07289	56060.84766	504728.3	5409915.4
L4730.1	504728.3	5409915.4	5408.50000	259.59	37.64	48.842194	-86.935558	56201.54	56261.8	-11.79	56189.75	56170.59375	56118.09382	56059.97266	504728.3	5409915.4
L4730.1	504728.3	5409916.9	5408.60010	260.15	37.64	48.842207	-86.935558	56201.04	56261.8	-11.79	56189.24	56170.07031	56117.28922	56059.27734	504728.3	5409916.9
L4730.1	504728.3	5409918.1	5408.70020	259.88	32.16	48.842218	-86.935558	56200.15	56261.8	-11.80	56188.35	56169.16797	56116.61347	56058.71484	504728.3	5409918.1
L4730.1	504728.3	5409919.5	5408.79981	257.98	28.72	48.842230	-86.935559	56199.41	56261.8	-11.81	56187.60	56168.40625	56115.90757	56058.12891	504728.3	5409919.5
L4730.1	504728.3	5409920.4	5408.89990	259.89	29.38	48.842239	-86.935559	56197.59	56261.8	-11.82	56185.77	56166.56641	56115.25299	56057.59375	504728.3	5409920.4
L4730.1	504728.2	5409921.9	5409.00000	260.72	29.38	48.842252	-86.935559	56196.11	56261.8	-11.83	56184.28	56165.06250	56114.55521	56057.01953	504728.2	5409921.9
L4730.1	504728.2	5409921.9	5409.10010	260.40	34.36	48.842252	-86.935559	56195.34	56261.8	-11.84	56183.50	56164.27344	56113.78972	56056.37891	504728.2	5409921.9
L4730.1	504728.2	5409923.5	5409.20020	261.84	36.73	48.842266	-86.935559	56194.28	56261.8	-11.85	56182.43	56163.19531	56113.02336	56055.74219	504728.2	5409923.5
L4730.1	504728.2	5409924.7	5409.29981	261.45	36.46	48.842277	-86.935560	56192.69	56261.9	-11.86	56180.83	56161.58594	56112.27227	56055.12500	504728.2	5409924.7
L4730.1	504728.2	5409926.3	5409.39990	246.43	36.46	48.842291	-86.935560	56191.17	56261.9	-11.87	56179.30	56160.04688	56111.49665	56054.48438	504728.2	5409926.3
L4730.1	504728.2	5409927.5	5409.50000	249.00	36.84	48.842302	-86.935560	56189.92	56261.9	-11.88	56178.04	56158.78125	56110.68334	56053.81250	504728.2	5409927.5
L4730.1	504728.2	5409927.5	5409.60010	260.75	33.1	48.842302	-86.935560	56188.64	56261.9	-11.89	56176.75	56157.48438	56109.85252	56053.12500	504728.2	5409927.5
L4730.1	504728.1	5409929.1	5409.70020	262.88	26.61	48.842316	-86.935561	56186.80	56261.9	-11.90	56174.90	56155.62891	56109.03971	56052.45703	504728.1	5409929.1
L4730.1	504728.1	5409930.5	5409.79981	262.06	26.61	48.842329	-86.935561	56185.04	56261.9	-11.91	56173.13	56153.85156	56108.20244	56051.76953	504728.1	5409930.5
L4730.1	504728.1	5409931.7	5409.89990	245.09	22.82	48.842339	-86.935561	56184.45	56261.9	-11.92	56172.53	56153.25000	56107.26823	56050.98828	504728.1	5409931.7
L4730.1	504728.1	5409932.8	5410.00000	245.29	21.63	48.842350	-86.935561	56181.75	56261.9	-11.93	56169.82	56150.53906	56106.45594	56050.32813	504728.1	5409932.8
L4730.1	504728.0	5409934.0	5410.10010	246.22	24.41	48.842360	-86.935562	56179.76	56261.9	-11.95	56167.81	56148.52734	56105.57843	56049.60938	504728.0	5409934.0
L4730.1	504728.0	5409935.3	5410.20020	247.04	24.41	48.842372	-86.935562	56177.96	56262	-11.96	56166.00	56146.71875	56104.66921	56048.86328	504728.0	5409935.3
L4730.1	504728.0	5409936.2	5410.29981	248.76	28.05	48.842380	-86.935562	56176.88	56262	-11.98	56164.89	56145.60938	56103.69515	56048.05078	504728.0	5409936.2
L4730.1	504728.0	5409937.6	5410.39990	250.24	31.68	48.842393	-86.935562	56175.82	56262	-12.00	56163.82	56144.54297	56102.70043	56047.22656	504728.0	5409937.6
L4730.1	504728.0	5409938.8	5410.50000	248.56	36.96	48.842403	-86.935562	56174.02	56262	-12.01	56162.00	56142.72656	56101.73789	56046.43359	504728.0	5409938.8
L4730.1	504728.0	5409939.9	5410.60010	248.98	36.96	48.842413	-86.935562	56172.90	56262	-12.03	56160.87	56141.60547	56100.71172	56045.58203	504728.0	5409939.9
L4730.1	504728.0	5409941.0	5410.70020	252.86	31.15	48.842424	-86.935562	56170.41	56262	-12.05	56158.36	56139.10547	56099.76007	56044.80469	504728.0	5409941.0
L4730.1	504728.0	5409941.0	5410.79981	250.89	31.15	48.842424	-86.935562	56168.07	56262.1	-12.07	56156.01	56136.76563	56098.78044	56044.00391	504728.0	5409941.0
L4730.1	504728.0	5409942.5	5410.89990	251.52	24.37	48.842437	-86.935563	56167.62	56262.1	-12.08	56155.53	56136.30078	56097.65900	56043.06641	504728.0	5409942.5
L4730.1	504728.0	5409943.8	5411.00000	250.63	37.2	48.842449	-86.935563	56165.75	56262.1	-12.10	56153.65	56134.43359	56096.61389	56042.20703	504728.0	5409943.8
L4730.1	504728.0	5409944.7	5411.10010	249.41	37.09	48.842457	-86.935563	56164.41	56262.1	-12.12	56152.30	56133.10156	56095.51659	56041.30078	504728.0	5409944.7
L4730.1	504727.9	5409946.0	5411.20020	250.46	35.43	48.842469	-86.935563	56163.34	56262.1	-12.13	56151.20	56132.02344	56094.38589	56040.35938	504727.9	5409946.0
L4730.1	504727.9	5409947.5	5411.29981	251.69	35.43	48.842482	-86.935563	56161.38	56262.1	-12.15	56149.23	56130.07422	56093.29660	56039.46484	504727.9	5409947.5
L4730.1	504727.9	5409948.6	5411.39990	253.15	38.16	48.842492	-86.935563	56158.82	56262.2	-12.16	56146.66	56127.53125	56092.23083	56038.59766	504727.9	5409948.6
L4730.1	504727.9	5409948.6	5411.50000	251.23	38.08	48.842492	-86.935563	56157.82	56262.2	-12.18	56145.64	56126.54297	56091.04537	56037.61328	504727.9	5409948.6
L4730.1	504727.9	5409949.9	5411.60010	251.30	38.08	48.842504	-86.935563	56155.86	56262.2	-12.20	56143.67	56124.60156	56089.90698	56036.68359	504727.9	5409949.9
L4730.1	504727.9	5409951.1	5411.70020	251.62	27.25	48.842515	-86.935563	56154.26	56262.2	-12.21	56142.05	56123.01953	56088.72910	56035.71094	504727.9	5409951.1
L4730.1	504727.9	5409952.2	5411.79981	249.94	25.51	48.842525	-86.935563	56152.94	56262.2	-12.23	56140.71	56121.71484	56087.51650	56034.71094	504727.9	5409952.2
L4730.1	504727.9	5409953.4	5411.89990	250.45	25.51	48.842535	-86.935563	56150.92	56262.2	-12.24	56138.68	56119.72656	56086.33393	56033.74219	504727.9	5409953.4
L4730.1	504728.0	5409954.6	5412.00000	250.03	26.76	48.842546	-86.935562	56149.74	56262.3	-12.26	56137.48	56118.57422	56085.08015	56032.70703	504728.0	5409954.6
L4730.1	504728.0	5409955.7	5412.10010	252.64	34	48.842556	-86.935562	56147.91	56262.3	-12.28	56135.63	56116.77344	56083.85390	56031.70313	504728.0	5409955.7
L4730.1	504728.0	5409955.7	5412.20020	254.15	34.59	48.842556	-86.935562	56146.47	56262.3	-12.31	56134.16	56115.35547	56082.58661	56030.66016	504728.0	5409955.7
L4730.1	504728.0	5409957.6	5412.29981	252.96	34.59	48.842573	-86.935562	56144.75	56262.3	-12.33	56132.41	56113.66016	56081.32236	56029.62500	504728.0	5409957.6
L4730.1	504728.0	5409957.6	5412.39990	251.26	33.22	48.842573	-86.935562	56143.18	56262.4	-12.36	56130.83	56112.14453	56080.03124	56028.56641	504728.0	5409957.6
L4730.1	504728.0	5409959.2	5412.50000	250.19	26.37	48.842587	-86.935562	56141.62	56262.4	-12.38	56129.24	56110.61719	56078.72532	56027.49609	504728.0	5409959.2
L4730.1	504728.0	5409960.1	5412.60010	250.21	26.37	48.842596	-86.935562	56140.36	56262.4	-12.40	56127.95	56109.39844	56077.38404	56026.39453	504728.0	5409960.1
L4730.1	504728.0	5409961.5	5412.70020	249.88	31.5	48.842608	-86.935562	56138.32	56262.4	-12.43	56125.90	56107.42188	56076.07815	56025.33203	504728.0	5409961.5
L4730.1	504728.0	5409961.5	5412.79981	250.75	26.04	48.842608	-86.935562	56136.56	56262.5	-12.45	56124.11	56105.71094	56074.73977	56024.23828	504728.0	5409961.5
L4730.1	504728.0	5409962.8	5412.89990	251.74	26.04	48.842619	-86.935561	56134.63	56262.5	-12.48	56122.15	56103.83203	56073.39767	56023.14844	504728.0	5409962.8
L4730.1	504728.1	5409963.9	5413.00000	250.75	38.76	48.842629	-86.935561	56133.30	56262.5	-12.50	56120.80	56102.57031	56071.99998	56022.00391	504728.1	5409963.9
L4730.1	504728.1	5409964.6	5413.10010	253.72	38.79	48.842636	-86.935561	56131.55	56262.5	-12.52	56119.03	56100.89453	56070.61549	56020.87891	504728.1	5409964.6
L4730.1	504728.1	5409965.9	5413.20020	250.47	25.89	48.842647	-86.935561	56130.28	56262.5	-12.54	56117.74	56099.70313	56069.18436	56019.70703	504728.1	5409965.9
L4730.1	504728.1	5409965.9	5413.29981	250.60	25.89	48.842647	-86.935561	56127.20	56262.6	-12.56	56114.65	56096.71484	56067.85874	56018.64844	504728.1	5409965.9
L4730.1	504728.1	5409967.4	5413.39990	251.57	33.49	48.842661	-86.935560	56125.78	56262.6	-12.58	56113.20	56095.37500	56066.40950	56017.46875	504728.1	5409967.4
L4730.1	504728.1	5409968.5	5413.50000	252.00	26.08	48.842671	-86.935560	56124.41	56262.6	-12.60	56111.82	56094.10938	56064.94149	56016.27344	504728.1	5409968.5
L4730.1	504728.1	5409968.5	5413.60010	251.98	23.65	48.842671	-86.935560	56120.98	56262.6	-12.61	56108.36	56090.76953	56063.59826	56015.20703	504728.1	5409968.5
L4730.1	504728.1	5409969.5	5413.70020	251.15	23.55	48.842680	-86.935560	56119.31	56262.6	-12.63	56106.67	56089.20703	56062.12338	56014.01563	504728.1	5409969.5
L4730.1	504728.1	5409970.8	5413.79981	250.67	23.55	48.842692	-86.935560	56116.70	56262.7	-12.65	56104.05	56086.71875	56060.69712	56012.87500	504728.1	5409970.8
L4730.1	504728.1	5409970.8	5413.89990	248.69	38.57	48.842692	-86.935560	56114.83	56262.7	-12.67	56102.16	56084.96484	56059.20910	56011.67578	504728.1	5409970.8
L4730.1	504728.1	5409971.8	5414.00000	249.52	38.5	48.842700	-86.935560	56112.36	56262.7	-12.69	56099.67	56082.61719	56057.74828	56010.51172	504728.1	5409971.8
L4730.1	504728.1	5409971.8	5414.10010	249.70	38.38	48.842700	-86.935560	56109.92	56262.7	-12.71	56097.21	56080.30859	56056.27300	56009.33203	504728.1	5409971.8
L4730.1	504728.1	5409973.6	5414.20020	248.24	38.38	48.842717	-86.935560	56107.17	56262.7	-12.73	56094.43	56077.68359	56054.80695	56008.16797	504728.1	5409973.6
L4730.1	504728.1	5409974.5	5414.29981	249.67	26.49	48.842725	-86.935560	56104.48	56262.8	-12.76	56091.72	56075.13672	56053.32451	56006.99609	504728.1	5409974.5
L4730.1	504728.1	5409975.3	5414.39990	249.44	23.42	48.842732	-86.935560	56101.86	56262.8	-12.78	56089.08	56072.66406	56051.82609	56005.80859	504728.1	5409975.3
L4730.1	504728.1	5409976.3	5414.50000	261.46	23.42	48.842741	-86.935560	56099.35	56262.8	-12.80	56086.55	56070.30859	56050.30945	56004.60547	504728.1	5409976.3
L4730.1	504728.1	5409976.3	5414.60010	261.54	24.27	48.842741	-86.935560	56096.67	56262.8	-12.82	56083.85	56067.78906	56048.79374	56003.41016	504728.1	5409976.3
L4730.1	504728.1	5409977.2	5414.70020	259.61	32.98	48.842749	-86.935560	56093.84	56262.8	-12.84	56080.99	56065.11719	56047.27876	56002.21875	504728.1	5409977.2
L4730.1	504728.1	5409978.1	5414.79981	261.41	38.46	48.842757	-86.935560	56091.23	56262.9	-12.87	56078.36	56062.67969	56045.73903	56001.00781	504728.1	5409978.1
L4730.1	504728.1	5409978.8	5414.89990	261.26	38.46	48.842764	-86.935560	56087.62	56262.9	-12.89	56074.73	56059.25391	56044.25710	55999.85938	504728.1	5409978.8
L4730.1	504728.1	5409979.4	5415.00000	262.17	38.33	48.842769	-86.935560	56084.86	56262.9	-12.91	56071.95	56056.67969	56043.01045	55998.95313	504728.1	5409979.4
L4730.1	504728.1	5409980.4	5415.10010	260.54	38.25	48.842778	-86.935560	56082.42	56262.9	-12.93	56069.49	56054.43359	56041.70690	55997.99219	504728.1	5409980.4
L4730.1	504728.1	5409981.3	5415.20020	261.47	38.27	48.842786	-86.935560	56078.61	56263	-12.95	56065.66	56050.82813	56040.40101	55997.03125	504728.1	5409981.3
L4730.1	504728.1	5409982.1	5415.29981	261.28	29.44	48.842793	-86.935560	56075.44	56263	-12.97	56062.46	56047.85547	56039.00348	55995.98438	504728.1	5409982.1
L4730.1	504728.1	5409982.5	5415.39990	260.58	29.44	48.842797	-86.935560	56071.95	56263	-12.99	56058.96	56044.58984	56037.55127	55994.89063	504728.1	5409982.5
L4730.1	504728.1	5409982.5	5415.50000	262.45	28.96	48.842797	-86.935560	56069.53	56263	-13.01	56056.51	56042.38281	56036.02580	55993.72266	504728.1	5409982.5
L4730.1	504728.1	5409983.3	5415.60010	261.72	29.21	48.842804	-86.935561	56066.16	56263	-13.04	56053.12	56039.24219	56034.47457	55992.53906	504728.1	5409983.3
L4730.1	504728.1	5409984.1	5415.70020	260.87	29.21	48.842811	-86.935561	56062.38	56263.1	-13.06	56049.32	56035.69531	56032.88998	55991.32422	504728.1	5409984.1
L4730.1	504728.1	5409984.9	5415.79981	261.69	34.41	48.842818	-86.935561	56058.19	56263.1	-13.08	56045.11	56031.75000	56031.27701	55990.08203	504728.1	5409984.9
L4730.1	504728.0	5409985.6	5415.89990	261.56	37.79	48.842825	-86.935561	56055.56	56263.1	-13.10	56042.46	56029.37109	56029.63699	55988.82422	504728.0	5409985.6
L4730.1	504728.0	5409985.6	5416.00000	263.27	33.48	48.842825	-86.935561	56052.38	56263.1	-13.12	56039.26	56026.44922	56027.98621	55987.55469	504728.0	5409985.6
L4730.1	504728.0	5409986.4	5416.10010	263.90	28.92	48.842832	-86.935561	56049.11	56263.1	-13.14	56035.97	56023.44141	56026.32966	55986.28516	504728.0	5409986.4
L4730.1	504728.0	5409987.1	5416.20020	265.15	30.93	48.842838	-86.935561	56045.63	56263.2	-13.16	56032.46	56020.22266	56024.67071	55985.01953	504728.0	5409987.1
L4730.1	504728.0	5409987.8	5416.29981	262.21	30.93	48.842844	-86.935561	56041.93	56263.2	-13.18	56028.75	56016.80859	56023.01099	55983.75391	504728.0	5409987.8
L4730.1	504728.0	5409988.3	5416.39990	258.54	39	48.842849	-86.935561	56037.83	56263.2	-13.20	56024.62	56012.98438	56021.34770	55982.49219	504728.0	5409988.3
L4730.1	504728.0	5409988.9	5416.50000	258.54	38.81	48.842854	-86.935562	56034.29	56263.2	-13.23	56021.06	56009.73828	56019.68085	55981.23047	504728.0	5409988.9
L4730.1	504728.0	5409989.7	5416.60010	257.17	38.81	48.842862	-86.935562	56030.57	56263.2	-13.25	56017.33	56006.32422	56018.00376	55979.96484	504728.0	5409989.7
L4730.1	504728.0	5409990.3	5416.70020	258.86	38.83	48.842867	-86.935562	56027.79	56263.3	-13.27	56014.52	56003.83984	56016.32690	55978.70313	504728.0	5409990.3
L4730.1	504728.0	5409990.3	5416.79981	248.75	30.43	48.842867	-86.935562	56024.81	56263.3	-13.29	56011.52	56001.17188	56014.63721	55977.42969	504728.0	5409990.3
L4730.1	504728.0	5409991.0	5416.89990	247.52	29.87	48.842873	-86.935562	56021.37	56263.3	-13.31	56008.06	55998.05078	56012.92170	55976.13672	504728.0	5409991.0
L4730.1	504728.0	5409991.5	5417.00000	259.00	30.26	48.842878	-86.935561	56017.32	56263.3	-13.33	56003.99	55994.32422	56011.16322	55974.80469	504728.0	5409991.5
L4730.1	504728.0	5409992.1	5417.10010	258.15	30.26	48.842884	-86.935561	56014.84	56263.3	-13.35	56001.49	55992.17578	56009.43743	55973.51172	504728.0	5409992.1
L4730.1	504728.0	5409992.7	5417.20020	258.86	33.09	48.842889	-86.935561	56010.01	56263.4	-13.36	55996.64	55987.68359	56007.58037	55972.08984	504728.0	5409992.7
L4730.1	504728.0	5409993.3	5417.29981	262.43	38.07	48.842894	-86.935561	56007.63	56263.4	-13.38	55994.25	55985.65625	56005.81692	55970.76563	504728.0	5409993.3
L4730.1	504728.1	5409993.7	5417.39990	265.26	27.27	48.842898	-86.935561	56003.48	56263.4	-13.40	55990.08	55981.85938	56003.92080	55969.31250	504728.1	5409993.7
L4730.1	504728.1	5409993.7	5417.50000	263.49	27.27	48.842898	-86.935561	56000.60	56263.4	-13.42	55987.18	55979.33594	56002.08521	55967.92188	504728.1	5409993.7

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4730.1	504728.1	5409994.4	5417.60010	266.77	38.55	48.842904	-86.935560	55997.89	56263.4	-13.43	55984.46	55976.99609	56000.25460	55966.54297	504728.1	5409994.4
L4730.1	504728.1	5409995.0	5417.70020	269.10	38.55	48.842909	-86.935560	55994.05	56263.4	-13.45	55980.60	55973.52734	55998.30972	55965.05469	504728.1	5409995.0
L4730.1	504728.1	5409995.5	5417.79981	267.17	38.45	48.842914	-86.935560	55991.49	56263.5	-13.47	55978.02	55971.33984	55996.48049	55963.68359	504728.1	5409995.5
L4730.1	504728.1	5409996.0	5417.89990	266.28	35.06	48.842918	-86.935559	55987.90	56263.5	-13.48	55974.42	55968.14063	55994.54528	55962.21094	504728.1	5409996.0
L4730.1	504728.1	5409996.0	5418.00000	268.35	35.06	48.842918	-86.935559	55984.64	56263.5	-13.50	55971.14	55965.26563	55992.64892	55960.77734	504728.1	5409996.0
L4730.1	504728.2	5409996.4	5418.10010	266.31	33.33	48.842922	-86.935559	55981.18	56263.5	-13.51	55967.66	55962.19531	55990.74062	55959.33984	504728.2	5409996.4
L4730.1	504728.2	5409997.0	5418.20020	267.65	27.38	48.842927	-86.935559	55979.35	56263.5	-13.53	55965.82	55960.77344	55989.06575	55958.13672	504728.2	5409997.0
L4730.1	504728.2	5409997.0	5418.29981	266.60	27.38	48.842927	-86.935559	55975.71	56263.5	-13.54	55962.17	55957.54297	55987.19011	55956.73828	504728.2	5409997.0
L4730.1	504728.2	5409997.5	5418.39990	262.84	26.5	48.842932	-86.935559	55971.61	56263.6	-13.56	55958.06	55953.85938	55985.29030	55955.31641	504728.2	5409997.5
L4730.1	504728.2	5409997.9	5418.50000	261.76	26.56	48.842936	-86.935559	55969.21	56263.6	-13.57	55955.64	55951.87109	55983.66987	55954.17578	504728.2	5409997.9
L4730.1	504728.2	5409998.3	5418.60010	262.11	26.56	48.842939	-86.935559	55967.04	56263.6	-13.58	55953.45	55950.11719	55982.12886	55953.12109	504728.2	5409998.3
L4730.1	504728.2	5409998.6	5418.70020	261.20	28.23	48.842942	-86.935559	55965.26	56263.6	-13.60	55951.66	55948.76563	55980.68940	55952.16797	504728.2	5409998.6
L4730.1	504728.2	5409999.0	5418.79981	261.73	25.05	48.842945	-86.935559	55961.67	56263.6	-13.61	55948.06	55945.60938	55979.04674	55951.01563	504728.2	5409999.0
L4730.1	504728.2	5409999.3	5418.89990	263.95	25.05	48.842948	-86.935559	55959.97	56263.6	-13.63	55946.35	55944.34766	55977.69734	55950.16016	504728.2	5409999.3
L4730.1	504728.2	5409999.3	5419.00000	266.00	24.78	48.842948	-86.935559	55956.38	56263.6	-13.64	55942.74	55941.19141	55976.12388	55949.08203	504728.2	5409999.3
L4730.1	504728.2	5409999.7	5419.10010	263.75	24.78	48.842952	-86.935559	55952.54	56263.7	-13.65	55938.89	55937.79688	55974.53965	55947.99609	504728.2	5409999.7
L4730.1	504728.2	5410000.2	5419.20020	265.46	26.17	48.842956	-86.935559	55951.12	56263.7	-13.66	55937.46	55936.82813	55973.27765	55947.23438	504728.2	5410000.2
L4730.1	504728.2	5410000.5	5419.29981	264.20	25.58	48.842959	-86.935559	55949.00	56263.7	-13.68	55935.32	55935.14844	55971.92400	55946.38281	504728.2	5410000.5
L4730.1	504728.2	5410000.5	5419.29981	264.20	25.58	48.842959	-86.935559	55947.61	56263.7	-13.68	55933.93	55934.22656	55970.66058	55945.62500	504728.2	5410000.5
L4730.1	504728.2	5410000.9	5419.39990	261.88	25.58	48.842962	-86.935559	55945.56	56263.7	-13.69	55931.87	55932.63672	55969.30470	55944.77344	504728.2	5410000.9
L4730.1	504728.2	5410001.2	5419.60010	263.65	38.84	48.842965	-86.935559	55942.98	56263.7	-13.71	55929.26	55930.49609	55967.86459	55943.84375	504728.2	5410001.2
L4730.1	504728.2	5410001.5	5419.70020	264.86	38.84	48.842968	-86.935559	55941.86	56263.7	-13.72	55928.14	55929.85156	55966.59661	55943.08594	504728.2	5410001.5
L4730.1	504728.2	5410001.5	5419.79981	264.89	39.15	48.842968	-86.935559	55939.46	56263.7	-13.74	55925.72	55927.91016	55965.13946	55942.13672	504728.2	5410001.5
L4730.1	504728.2	5410001.7	5419.89990	265.26	39.15	48.842970	-86.935559	55937.31	56263.7	-13.75	55923.57	55926.23828	55963.69203	55941.20313	504728.2	5410001.7
L4730.1	504728.2	5410001.9	5420.00000	265.53	39.15	48.842972	-86.935559	55937.26	56263.8	-13.76	55923.50	55926.64844	55962.50650	55940.53125	504728.2	5410001.9
L4730.1	504728.2	5410002.2	5420.10010	263.28	39.15	48.842974	-86.935559	55933.79	56263.8	-13.77	55920.02	55923.65234	55960.82621	55939.36719	504728.2	5410002.2
L4730.1	504728.2	5410002.2	5420.20020	262.84	38.83	48.842974	-86.935559	55932.40	56263.8	-13.78	55918.62	55922.73828	55959.41650	55938.47266	504728.2	5410002.2
L4730.1	504728.1	5410002.4	5420.29981	262.82	38.97	48.842976	-86.935559	55932.33	56263.8	-13.79	55918.54	55923.14453	55958.19502	55937.76953	504728.1	5410002.4
L4730.1	504728.1	5410002.5	5420.39990	261.84	38.97	48.842977	-86.935560	55932.00	56263.8	-13.80	55918.20	55923.28906	55956.93753	55937.03125	504728.1	5410002.5
L4730.1	504728.1	5410002.7	5420.50000	264.59	38.99	48.842978	-86.935560	55931.77	56263.8	-13.81	55917.96	55923.53906	55955.70785	55936.31641	504728.1	5410002.7
L4730.1	504728.1	5410002.7	5420.60010	264.10	38.59	48.842978	-86.935560	55930.51	56263.8	-13.82	55916.69	55922.75781	55954.31577	55935.44531	504728.1	5410002.7
L4730.1	504728.1	5410002.8	5420.70020	267.65	38.59	48.842980	-86.935560	55929.39	56263.8	-13.83	55915.56	55922.11719	55952.95510	55934.60156	504728.1	5410002.8
L4730.1	504728.1	5410002.9	5420.79981	267.21	38.59	48.842981	-86.935560	55928.46	56263.8	-13.84	55914.62	55921.66406	55951.64119	55933.80859	504728.1	5410002.9
L4770.0	504770.8	5411483.1	35754.39844	360.90	0	48.856296	-86.934961	56444.23	56239.4	10.63	56454.86	56483.58203	56547.67926	56598.25000	504770.8	5411483.1
L4770.0	504770.8	5411483.1	35754.50000	363.00	0	48.856296	-86.934961	56443.87	56239.4	10.63	56454.50	56483.29688	56554.21514	56604.89844	504770.8	5411483.1
L4770.0	504770.8	5411482.8	35754.60156	361.19	0	48.856293	-86.934960	56443.41	56239.4	10.63	56454.04	56482.91016	56558.79510	56609.59375	504770.8	5411482.8
L4770.0	504770.8	5411482.8	35754.69922	359.02	0	48.856293	-86.934960	56443.08	56239.4	10.63	56453.70	56482.64453	56566.61965	56617.53516	504770.8	5411482.8
L4770.0	504770.9	5411482.6	35754.80078	360.49	0	48.856291	-86.934960	56442.32	56239.4	10.62	56452.94	56481.96094	56564.92402	56615.95703	504770.9	5411482.6
L4770.0	504770.9	5411482.4	35754.89844	361.28	0	48.856289	-86.934959	56441.65	56239.4	10.62	56452.27	56481.36328	56565.76206	56616.90625	504770.9	5411482.4
L4770.0	504770.9	5411482.4	35755.00000	361.71	0	48.856289	-86.934959	56441.22	56239.4	10.62	56451.84	56481.00391	56572.67733	56623.93359	504770.9	5411482.4
L4770.0	504770.9	5411482.1	35755.00000	361.40	0	48.856287	-86.934959	56440.63	56239.4	10.62	56451.25	56480.48438	56576.21200	56627.57813	504770.9	5411482.1
L4770.0	504770.9	5411482.1	35755.10156	360.88	0	48.856287	-86.934959	56439.84	56239.4	10.62	56450.46	56479.76563	56575.41694	56626.89453	504770.9	5411482.1
L4770.0	504770.9	5411481.8	35755.30078	362.70	0	48.856284	-86.934959	56439.02	56239.4	10.61	56449.63	56479.00781	56574.06974	56625.65625	504770.9	5411481.8
L4770.0	504771.0	5411481.5	35755.39844	363.60	0	48.856281	-86.934959	56438.36	56239.4	10.60	56448.96	56478.40625	56576.89267	56628.58203	504771.0	5411481.5
L4770.0	504771.0	5411481.2	35755.50000	361.32	0	48.856279	-86.934959	56437.46	56239.4	10.60	56448.06	56477.57422	56574.66113	56626.45313	504771.0	5411481.2
L4770.0	504771.0	5411481.2	35755.60156	361.85	0	48.856279	-86.934959	56436.57	56239.4	10.60	56447.17	56476.75000	56573.04133	56624.93359	504771.0	5411481.2
L4770.0	504770.9	5411480.8	35755.69922	362.26	0	48.856275	-86.934959	56435.38	56239.4	10.59	56445.97	56475.61719	56564.46172	56616.45313	504770.9	5411480.8
L4770.0	504770.9	5411480.5	35755.80078	361.77	0	48.856272	-86.934960	56434.30	56239.4	10.59	56444.89	56474.60156	56559.07809	56611.16406	504770.9	5411480.5
L4770.0	504770.9	5411480.5	35755.89844	361.80	0	48.856272	-86.934960	56433.07	56239.4	10.58	56443.66	56473.43359	56550.49924	56602.67578	504770.9	5411480.5
L4770.0	504770.8	5411480.1	35756.00000	361.06	0	48.856269	-86.934961	56431.75	56239.4	10.58	56442.33	56472.16406	56539.89720	56592.16016	504770.8	5411480.1
L4770.0	504770.7	5411479.7	35756.00000	361.01	0	48.856265	-86.934962	56430.50	56239.4	10.58	56441.08	56470.97266	56531.51616	56583.85938	504770.7	5411479.7
L4770.0	504770.7	5411479.7	35756.19922	360.73	0	48.856265	-86.934962	56428.94	56239.4	10.58	56439.52	56469.46875	56516.12620	56568.55078	504770.7	5411479.7
L4770.0	504770.7	5411479.3	35756.30078	360.07	0	48.856261	-86.934963	56427.48	56239.4	10.58	56438.06	56468.06641	56503.40669	56555.91016	504770.7	5411479.3
L4770.0	504770.6	5411478.8	35756.39844	359.95	0	48.856257	-86.934964	56425.68	56239.4	10.58	56436.26	56466.31641	56482.94448	56535.51563	504770.6	5411478.8
L4770.0	504770.6	5411478.8	35756.50000	360.89	0	48.856257	-86.934964	56424.14	56239.4	10.58	56434.72	56464.82813	56468.90871	56521.54688	504770.6	5411478.8
L4770.0	504770.5	5411478.4	35756.60156	360.03	0	48.856253	-86.934965	56422.31	56239.4	10.58	56432.89	56463.04688	56448.28479	56500.98438	504770.5	5411478.4
L4770.0	504770.4	5411477.9	35756.69922	360.97	0	48.856249	-86.934967	56420.75	56239.4	10.58	56431.33	56461.53516	56434.29509	56487.05078	504770.4	5411477.9
L4770.0	504770.4	5411477.9	35756.80078	360.66	0	48.856249	-86.934967	56419.14	56239.4	10.58	56429.72	56459.96875	56419.36043	56472.16797	504770.4	5411477.9
L4770.0	504770.2	5411477.4	35756.89844	360.70	0	48.856244	-86.934968	56417.69	56239.4	10.58	56428.27	56458.55859	56408.42893	56461.28125	504770.2	5411477.4
L4770.0	504770.2	5411477.0	35757.00000	361.19	0	48.856240	-86.934970	56416.41	56239.4	10.58	56426.99	56457.31641	56401.72064	56454.61328	504770.2	5411477.0
L4770.0	504770.1	5411476.6	35757.00000	362.20	0	48.856237	-86.934971	56414.86	56239.4	10.58	56425.44	56455.80469	56388.81825	56441.74609	504770.1	5411476.6
L4770.0	504770.1	5411476.6	35757.10156	362.46	0	48.856237	-86.934971	56413.83	56239.4	10.58	56424.41	56454.80859	56388.37808	56441.33594	504770.1	5411476.6
L4770.0	504769.9	5411475.9	35757.30078	361.15	0	48.856231	-86.934973	56412.66	56239.4	10.57	56423.23	56453.65625	56384.54526	56437.52734	504769.9	5411475.9
L4770.0	504769.8	5411475.4	35757.39844	361.32	0	48.856226	-86.934974	56411.48	56239.4	10.57	56422.05	56452.50391	56380.84722	56433.84375	504769.8	5411475.4
L4770.0	504769.7	5411474.6	35757.50000	361.22	0	48.856219	-86.934976	56410.00	56239.4	10.57	56420.57	56451.05078	56370.17416	56423.17969	504769.7	5411474.6
L4770.0	504769.6	5411474.1	35757.60156	360.55	0	48.856215	-86.934978	56408.78	56239.4	10.57	56419.35	56449.85156	56365.74415	56418.75391	504769.6	5411474.1
L4770.0	504769.6	5411474.1	35757.69922	359.08	0	48.856215	-86.934978	56407.58	56239.4	10.57	56418.14	56448.66016	56361.62856	56414.63672	504769.6	5411474.1
L4770.0	504769.5	5411473.5	35757.80078	361.45	0	48.856210	-86.934979	56406.33	56239.4	10.56	56416.89	56447.42578	56356.62597	56409.62500	504769.5	5411473.5
L4770.0	504769.5	5411473.5	35757.89844	362.30	0	48.856210	-86.934979	56405.18	56239.4	10.56	56415.75	56446.29688	56354.26222	56407.24609	504769.5	5411473.5
L4770.0	504769.4	5411472.7	35758.00000	361.55	0	48.856202	-86.934980	56404.14	56239.4	10.56	56414.70	56445.25391	56354.04455	56407.00391	504769.4	5411472.7
L4770.0	504769.4	5411472.0	35758.10156	361.24	0	48.856196	-86.934981	56403.16	56239.4	10.56	56413.72	56444.28125	56355.47999	56408.41016	504769.4	5411472.0
L4770.0	504769.4	5411472.0	35758.19922	362.69	0	48.856196	-86.934981	56401.56	56239.4	10.56	56412.11	56442.67188	56342.00196	56394.89453	504769.4	5411472.0
L4770.0	504769.3	5411471.3	35758.30078	362.23	0	48.856190	-86.934981	56400.56	56239.4	10.55	56411.12	56441.67969	56343.13684	56395.98438	504769.3	5411471.3
L4770.0	504769.3	5411470.5	35758.39844	364.07	0	48.856182	-86.934982	56399.31	56239.4	10.55	56409.86	56440.41406	56337.82672	56390.62109	504769.3	5411470.5
L4770.0	504769.3	5411470.5	35758.50000	362.36	0	48.856182	-86.934982	56398.39	56239.5	10.55	56408.94	56439.48438	56340.46986	56393.20313	504769.3	5411470.5
L4770.0	504769.3	5411469.6	35758.60156	362.99	0	48.856174	-86.934982	56397.27	56239.5	10.55	56407.82	56438.35156	56338.28141	56390.94922	504769.3	5411469.6
L4770.0	504769.3	5411469.1	35758.69922	363.78	0	48.856170	-86.934982	56396.53	56239.5	10.55	56407.07	56437.58594	56344.71416	56397.30469	504769.3	5411469.1
L4770.0	504769.3	5411469.1	35758.80078	362.77	0	48.856170	-86.934982	56395.48	56239.5	10.54	56406.02	56436.51563	56343.91045	56396.42188	504769.3	5411469.1
L4770.0	504769.3	5411468.2	35758.89844	361.63	0	48.856162	-86.934981	56394.21	56239.5	10.54	56404.75	56435.21875	56337.74084	56390.16016	504769.3	5411468.2
L4770.0	504769.3	5411467.6	35759.00000	360.22	0	48.856156	-86.934981	56393.41	56239.5	10.54	56403.95	56434.39063	56342.49488	56394.81250	504769.3	5411467.6
L4770.0	504769.3	5411467.6	35759.00000	359.62	0	48.856156	-86.934981	56392.50	56239.5	10.54	56403.04	56433.44922	56344.44266	56396.65625	504769.3	5411467.6
L4770.0	504769.4	5411466.6	35759.10156	356.16	0	48.856147	-86.934980	56391.50	56239.5	10.54	56402.04	56432.41406	56344.03695	56396.13672	504769.4	5411466.6
L4770.0	504769.4	5411465.8	35759.30078	355.32	0	48.856140	-86.934980	56390.40	56239.5	10.53	56400.94	56431.27344	56341.02163	56393.00000	504769.4	5411465.8
L4770.0	504769.4	5411465.8	35759.39844	357.23	0	48.856140	-86.934980	56389.54	56239.5	10.53	56400.07	56430.35938	56343.17754	56395.02344	504769.4	5411465.8
L4770.0	504769.5	5411465.1	35759.50000	357.10	0	48.856133	-86.934979	56388.52	56239.5	10.53	56399.05	56429.28906	56341.50320	56393.21094	504769.5	5411465.1
L4770.0	504769.5	5411464.2	35759.60156	357.87	0	48.856126	-86.934979	56387.52	56239.5	10.53	56398.05	56428.23828	56339.99807	56391.55859	504769.5	5411464.2
L4770.0	504769.5	5411464.2	35759.69922	359.51	0	48.856126	-86.934979	56386.07	56239.5	10.53	56396.59	56426.72266	56327.29755	56378.70703	504769.5	5411464.2
L4770.0	504769.6	5411463.2	35759.80078	358.07	0	48.856117	-86.934978	56384.92	56239.5	10.52	56395.44	56425.51172	56321.58427	56372.83203	504769.6	5411463.2
L4770.0	504769.6	5411462.5	35759.89844	358.84	0	48.856110	-86.934977	56383.64	56239.5	10.52	56394.16	56424.16797	56312.43988	56363.51563	504769.6	5411462.5
L4770.0	504769.7	5411461.4	35760.00000	361.85	0	48.856100	-86.934977	56382.72	56239.5	10.52	56393.24	56423.17969	56311.42930	56362.32813	504769.7	5411461.4
L4770.0	504769.7	5411461.4	35760.10156	363.04	0	48.856100	-86.934977	56381.83	56239.5	10.52	56392.35	56422.21875	56310.73517	56361.44531	504769.7	5411461.4
L4770.0	504769.7	5411460.6	35760.19922	361.55	0	48.856093	-86.934976	56380.91	56239.5	10.52	56391.43	56421.22266	56308.92267	56359.44141	504769.7	5411460.6
L4770.0	504769.7	5411459.6	35760.30078	360.26	0	48.856084	-86.934976	56379.94	56239.5	10.51	56390.45	56420.16016	56305.26661	56355.58203	504769.7	5411459.6

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4770.0	504769.7	5411459.6	35760.39844	360.25	0	48.856084	-86.934976	56379.25	56239.5	10.51	56389.76	56419.38672	56308.02451	56358.13281	504769.7	5411459.6
L4770.0	504769.7	5411458.5	35760.50000	360.81	0	48.856074	-86.934976	56378.26	56239.5	10.51	56388.77	56418.30469	56303.23519	56353.12500	504769.7	5411458.5
L4770.0	504769.7	5411458.5	35760.60156	361.02	0	48.856074	-86.934976	56377.32	56239.5	10.51	56387.82	56417.26172	56298.92087	56348.58594	504769.7	5411458.5
L4770.0	504769.8	5411456.6	35760.69922	361.36	0	48.856058	-86.934975	56376.26	56239.5	10.51	56386.77	56416.11719	56291.75830	56341.19141	504769.8	5411456.6
L4770.0	504769.8	5411456.6	35760.80078	361.44	0	48.856058	-86.934975	56375.68	56239.5	10.50	56386.18	56415.42578	56294.97107	56344.16406	504769.8	5411456.6
L4770.0	504769.8	5411455.4	35760.89844	361.05	0	48.856047	-86.934975	56374.94	56239.5	10.50	56385.44	56414.58203	56294.12745	56343.07031	504769.8	5411455.4
L4770.0	504769.8	5411455.4	35761.00000	360.46	0	48.856047	-86.934975	56374.36	56239.5	10.50	56384.86	56413.89063	56296.54282	56345.23047	504769.8	5411455.4
L4770.0	504769.8	5411454.5	35761.00000	361.79	0	48.856038	-86.934974	56373.74	56239.5	10.50	56384.24	56413.15625	56297.47802	56345.90234	504769.8	5411454.5
L4770.0	504769.8	5411454.5	35761.10156	360.38	0	48.856038	-86.934974	56372.82	56239.5	10.50	56383.32	56412.12109	56290.77628	56338.92969	504769.8	5411454.5
L4770.0	504769.8	5411453.3	35761.30078	359.84	0	48.856028	-86.934974	56371.88	56239.5	10.50	56382.38	56411.05859	56283.04568	56330.92188	504769.8	5411453.3
L4770.0	504769.9	5411452.2	35761.39844	359.23	0	48.856018	-86.934974	56370.81	56239.5	10.50	56381.31	56409.86328	56271.67631	56319.26953	504769.9	5411452.2
L4770.0	504769.9	5411450.9	35761.50000	358.30	0	48.856006	-86.934974	56370.63	56239.5	10.49	56381.12	56409.54297	56280.53289	56327.83203	504769.9	5411450.9
L4770.0	504769.9	5411450.9	35761.60156	358.02	0	48.856006	-86.934974	56370.04	56239.5	10.49	56380.53	56408.82031	56279.35095	56326.35156	504769.9	5411450.9
L4770.0	504769.9	5411450.0	35761.69922	360.26	0	48.855998	-86.934973	56369.96	56239.5	10.49	56380.45	56408.60547	56289.63274	56336.32813	504769.9	5411450.0
L4770.0	504769.9	5411448.9	35761.80078	359.71	0	48.855988	-86.934973	56369.14	56239.5	10.49	56379.64	56407.65234	56282.06060	56328.44531	504769.9	5411448.9
L4770.0	504769.9	5411448.9	35761.89844	360.85	0	48.855988	-86.934973	56368.69	56239.5	10.49	56379.18	56407.05078	56282.15647	56328.22266	504769.9	5411448.9
L4770.0	504769.9	5411447.8	35762.00000	358.64	0	48.855978	-86.934973	56367.66	56239.5	10.49	56378.15	56405.87109	56268.16800	56313.90625	504769.9	5411447.8
L4770.0	504770.0	5411446.6	35762.10156	360.54	0	48.855967	-86.934973	56367.06	56239.5	10.49	56377.55	56405.11719	56263.72745	56309.13672	504770.0	5411446.6
L4770.0	504770.0	5411446.6	35762.19922	361.76	0	48.855967	-86.934973	56366.62	56239.5	10.49	56377.11	56404.52344	56262.44816	56307.51953	504770.0	5411446.6
L4770.0	504770.0	5411445.5	35762.30078	361.81	0	48.855958	-86.934972	56366.16	56239.5	10.48	56376.64	56403.89453	56259.83512	56304.56250	504770.0	5411445.5
L4770.0	504770.0	5411444.8	35762.39844	360.75	0	48.855951	-86.934972	56366.16	56239.5	10.48	56376.64	56403.73047	56267.70383	56312.08203	504770.0	5411444.8
L4770.0	504770.0	5411443.4	35762.50000	361.52	0	48.855939	-86.934972	56365.65	56239.5	10.48	56376.13	56403.05469	56262.88699	56306.91016	504770.0	5411443.4
L4770.0	504770.0	5411443.4	35762.60156	360.77	0	48.855939	-86.934972	56365.73	56239.5	10.48	56376.21	56402.96484	56271.38392	56315.04688	504770.0	5411443.4
L4770.0	504770.1	5411442.3	35762.69922	360.97	0	48.855929	-86.934971	56365.37	56239.5	10.48	56375.85	56402.42969	56268.84675	56312.14063	504770.1	5411442.3
L4770.0	504770.1	5411441.1	35762.80078	355.11	0	48.855918	-86.934971	56365.60	56239.5	10.47	56376.07	56402.47266	56279.38508	56322.30859	504770.1	5411441.1
L4770.0	504770.1	5411441.1	35762.89844	356.12	0	48.855918	-86.934971	56365.24	56239.5	10.47	56375.71	56401.93359	56275.57946	56318.12500	504770.1	5411441.1
L4770.0	504770.1	5411440.0	35763.00000	357.93	0	48.855908	-86.934971	56365.14	56239.5	10.47	56375.61	56401.64844	56277.28603	56319.44922	504770.1	5411440.0
L4770.0	504770.1	5411439.0	35763.00000	359.24	0	48.855899	-86.934971	56364.58	56239.5	10.47	56375.05	56400.90234	56267.48709	56309.26172	504770.1	5411439.0
L4770.0	504770.1	5411437.9	35763.10156	357.84	0	48.855889	-86.934971	56364.50	56239.5	10.47	56374.97	56400.62891	56268.40379	56309.78516	504770.1	5411437.9
L4770.0	504770.1	5411437.9	35763.30078	355.86	0	48.855889	-86.934971	56364.55	56239.5	10.46	56375.01	56400.47656	56271.52914	56312.51563	504770.1	5411437.9
L4770.0	504770.1	5411436.7	35763.39844	354.72	0	48.855878	-86.934970	56364.45	56239.5	10.46	56374.91	56400.17969	56270.72053	56311.30469	504770.1	5411436.7
L4770.0	504770.1	5411435.4	35763.50000	356.75	0	48.855867	-86.934970	56364.70	56239.5	10.46	56375.16	56400.23047	56277.56405	56317.74219	504770.1	5411435.4
L4770.0	504770.1	5411435.4	35763.60156	356.58	0	48.855867	-86.934970	56364.40	56239.5	10.45	56374.85	56399.71484	56270.55389	56310.32031	504770.1	5411435.4
L4770.0	504770.2	5411434.0	35763.69922	357.65	0	48.855854	-86.934970	56364.68	56239.6	10.45	56375.13	56399.78906	56276.87804	56316.23047	504770.2	5411434.0
L4770.0	504770.2	5411433.0	35763.80078	359.34	0	48.855845	-86.934970	56364.73	56239.6	10.45	56375.18	56399.63281	56277.15922	56316.09375	504770.2	5411433.0
L4770.0	504770.2	5411431.9	35763.89844	359.31	0	48.855835	-86.934969	56365.24	56239.6	10.44	56375.68	56399.91797	56287.47691	56325.98828	504770.2	5411431.9
L4770.0	504770.2	5411431.9	35764.00000	359.05	0	48.855835	-86.934969	56365.29	56239.6	10.44	56375.73	56399.75391	56286.56392	56324.64844	504770.2	5411431.9
L4770.0	504770.2	5411430.9	35764.10156	358.31	0	48.855826	-86.934969	56365.59	56239.6	10.44	56376.03	56399.83594	56290.97356	56328.62891	504770.2	5411430.9
L4770.0	504770.3	5411429.7	35764.19922	360.20	0	48.855815	-86.934969	56365.55	56239.6	10.44	56375.99	56399.57813	56286.76730	56323.99219	504770.3	5411429.7
L4770.0	504770.3	5411429.7	35764.30078	360.30	0	48.855815	-86.934969	56365.90	56239.6	10.44	56376.34	56399.70313	56291.20859	56327.99609	504770.3	5411429.7
L4770.0	504770.3	5411428.5	35764.39844	363.13	0	48.855805	-86.934968	56365.96	56239.6	10.44	56376.39	56399.52734	56287.99614	56324.34375	504770.3	5411428.5
L4770.0	504770.3	5411427.5	35764.50000	362.02	0	48.855795	-86.934968	56365.88	56239.6	10.44	56376.31	56399.21875	56281.15739	56317.06641	504770.3	5411427.5
L4770.0	504770.3	5411427.5	35764.60156	360.31	0	48.855795	-86.934968	56366.32	56239.6	10.43	56376.75	56399.42969	56286.06619	56321.52734	504770.3	5411427.5
L4770.0	504770.4	5411426.1	35764.69922	360.77	0	48.855783	-86.934967	56366.67	56239.6	10.43	56377.10	56399.54688	56288.31364	56323.32813	504770.4	5411426.1
L4770.0	504770.4	5411425.0	35764.80078	357.93	0	48.855773	-86.934967	56367.23	56239.6	10.43	56377.66	56399.87109	56295.00135	56329.56641	504770.4	5411425.0
L4770.0	504770.4	5411423.6	35764.89844	356.45	0	48.855760	-86.934967	56367.36	56239.6	10.43	56377.79	56399.76563	56291.01213	56325.12500	504770.4	5411423.6
L4770.0	504770.4	5411423.6	35765.00000	357.38	0	48.855760	-86.934967	56367.92	56239.6	10.43	56378.35	56400.08203	56296.68538	56330.34375	504770.4	5411423.6
L4770.0	504770.5	5411422.2	35765.00000	356.37	0	48.855748	-86.934966	56367.94	56239.6	10.43	56378.37	56399.86328	56289.10430	56322.30469	504770.5	5411422.2
L4770.0	504770.5	5411421.1	35765.10156	358.30	0	48.855738	-86.934966	56368.56	56239.6	10.43	56378.99	56400.23828	56295.22752	56327.97266	504770.5	5411421.1
L4770.0	504770.5	5411421.1	35765.30078	357.81	0	48.855738	-86.934966	56368.96	56239.6	10.43	56379.40	56400.39844	56295.92094	56328.20313	504770.5	5411421.1
L4770.0	504770.5	5411419.9	35765.39844	357.44	0	48.855727	-86.934966	56369.61	56239.6	10.43	56380.04	56400.79297	56301.59759	56333.41797	504770.5	5411419.9
L4770.0	504770.5	5411418.3	35765.50000	356.77	0	48.855713	-86.934965	56370.19	56239.6	10.43	56380.63	56401.12891	56305.65185	56337.00781	504770.5	5411418.3
L4770.0	504770.6	5411417.2	35765.60156	356.38	0	48.855703	-86.934965	56370.66	56239.6	10.44	56381.09	56401.33594	56306.20585	56337.09766	504770.6	5411417.2
L4770.0	504770.6	5411417.2	35765.69922	356.60	0	48.855703	-86.934965	56371.14	56239.6	10.44	56381.58	56401.57422	56307.05496	56337.47656	504770.6	5411417.2
L4770.0	504770.6	5411416.2	35765.80078	358.11	0	48.855694	-86.934964	56371.44	56239.6	10.44	56381.88	56401.61719	56303.01257	56332.96875	504770.6	5411416.2
L4770.0	504770.6	5411414.9	35765.89844	358.00	0	48.855682	-86.934964	56372.48	56239.6	10.44	56382.92	56402.39844	56316.07537	56345.55859	504770.6	5411414.9
L4770.0	504770.6	5411413.8	35766.00000	357.54	0	48.855672	-86.934964	56372.84	56239.6	10.44	56383.28	56402.49609	56312.69214	56341.70703	504770.6	5411413.8
L4770.0	504770.6	5411413.8	35766.00000	360.58	0	48.855672	-86.934964	56373.74	56239.6	10.44	56384.18	56403.13281	56321.71480	56350.25781	504770.6	5411413.8
L4770.0	504770.6	5411412.5	35766.19922	360.89	0	48.855661	-86.934964	56373.89	56239.6	10.43	56384.33	56403.01953	56312.66532	56340.73438	504770.6	5411412.5
L4770.0	504770.7	5411411.4	35766.30078	357.84	0	48.855651	-86.934963	56374.76	56239.6	10.43	56385.19	56403.61328	56320.06885	56347.66406	504770.7	5411411.4
L4770.0	504770.7	5411411.4	35766.39844	360.32	0	48.855651	-86.934963	56375.09	56239.6	10.43	56385.52	56403.67578	56314.62945	56341.74609	504770.7	5411411.4
L4770.0	504770.7	5411410.1	35766.50000	359.26	0	48.855639	-86.934963	56375.84	56239.6	10.43	56386.26	56404.14844	56318.58093	56345.22266	504770.7	5411410.1
L4770.0	504770.7	5411408.8	35766.60156	362.05	0	48.855627	-86.934963	56376.42	56239.6	10.42	56386.84	56404.45703	56318.46456	56344.62891	504770.7	5411408.8
L4770.0	504770.7	5411407.6	35766.69922	363.41	0	48.855616	-86.934963	56376.95	56239.6	10.42	56387.37	56404.71484	56316.89510	56342.58203	504770.7	5411407.6
L4770.0	504770.7	5411407.6	35766.80078	362.21	0	48.855616	-86.934963	56377.95	56239.6	10.42	56388.37	56405.44141	56326.17866	56351.38672	504770.7	5411407.6
L4770.0	504770.7	5411406.2	35766.89844	363.60	0	48.855604	-86.934963	56378.48	56239.6	10.41	56388.89	56405.68750	56323.87421	56348.60156	504770.7	5411406.2
L4770.0	504770.7	5411405.1	35767.00000	365.42	0	48.855594	-86.934962	56379.56	56239.6	10.41	56389.97	56406.48828	56334.57923	56358.82813	504770.7	5411405.1
L4770.0	504770.7	5411405.1	35767.00000	363.71	0	48.855594	-86.934962	56379.86	56239.6	10.41	56390.27	56406.51172	56326.63392	56350.40234	504770.7	5411405.1
L4770.0	504770.8	5411403.7	35767.10156	362.15	0	48.855581	-86.934962	56381.09	56239.6	10.41	56391.50	56407.46094	56340.47262	56363.75781	504770.8	5411403.7
L4770.0	504770.8	5411402.1	35767.30078	361.19	0	48.855567	-86.934962	56381.44	56239.6	10.41	56391.85	56407.53125	56333.32563	56356.12891	504770.8	5411402.1
L4770.0	504770.8	5411402.1	35767.39844	361.60	0	48.855567	-86.934962	56382.39	56239.6	10.41	56392.80	56408.19922	56340.19035	56362.50781	504770.8	5411402.1
L4770.0	504770.8	5411400.7	35767.50000	360.19	0	48.855554	-86.934961	56382.90	56239.6	10.40	56393.31	56408.42578	56336.49750	56358.33203	504770.8	5411400.7
L4770.0	504770.8	5411400.7	35767.60156	359.35	0	48.855554	-86.934961	56383.72	56239.6	10.40	56394.12	56408.94922	56339.75229	56361.10156	504770.8	5411400.7
L4770.0	504770.9	5411398.8	35767.69922	356.88	0	48.855538	-86.934961	56384.56	56239.6	10.40	56394.97	56409.51172	56343.82218	56364.68359	504770.9	5411398.8
L4770.0	504770.9	5411397.7	35767.80078	357.36	0	48.855528	-86.934960	56384.97	56239.6	10.40	56395.37	56409.62500	56337.13768	56357.51172	504770.9	5411397.7
L4770.0	504770.9	5411397.7	35767.89844	359.37	0	48.855528	-86.934960	56385.96	56239.6	10.40	56396.36	56410.32422	56344.29432	56364.17969	504770.9	5411397.7
L4770.0	504770.9	5411396.5	35768.00000	358.23	0	48.855517	-86.934960	56386.50	56239.6	10.40	56396.90	56410.57422	56340.72131	56360.11719	504770.9	5411396.5
L4770.0	504771.0	5411395.3	35768.10156	359.82	0	48.855506	-86.934960	56387.86	56239.6	10.40	56398.26	56411.64453	56356.45005	56375.35547	504771.0	5411395.3
L4770.0	504771.0	5411393.9	35768.19922	360.29	0	48.855493	-86.934959	56388.34	56239.6	10.40	56398.74	56411.83203	56351.30819	56369.71875	504771.0	5411393.9
L4770.0	504771.0	5411393.9	35768.30078	360.32	0	48.855493	-86.934959	56389.34	56239.6	10.40	56399.74	56412.53906	56358.39913	56376.31641	504771.0	5411393.9
L4770.0	504771.0	5411392.7	35768.39844	360.37	0	48.855483	-86.934959	56389.79	56239.6	10.40	56400.19	56412.69141	56352.44119	56369.86328	504771.0	5411392.7
L4770.0	504771.0	5411391.4	35768.50000	359.48	0	48.855471	-86.934959	56390.96	56239.6	10.40	56401.37	56413.57422	56363.70030	56380.62891	504771.0	5411391.4
L4770.0	504771.0	5411390.3	35768.60156	363.16	0	48.855461	-86.934959	56391.61	56239.6	10.41	56402.01	56413.91797	56362.16625	56378.59766	504771.0	5411390.3
L4770.0	504771.0	5411390.3	35768.69922	362.74	0	48.855461	-86.934959	56392.50	56239.6	10.41	56402.90	56414.50781	56366.52148	56382.45313	504771.0	5411390.3
L4770.0	504771.1	5411388.9	35768.80078	361.99	0	48.855449	-86.934958	56393.34	56239.6	10.41	56403.75	56415.05859	56369.91940	56385.34766	504771.1	5411388.9
L4770.0	504771.1	5411387.4	35768.89844	360.83	0	48.855435	-86.934958	56393.72	56239.6	10.41	56404.13	56415.13672	56362.20352	56377.13281	504771.1	5411387.4
L4770.0	504771.1	5411387.4	35769.00000	363.75	0	48.855435	-86.934958	56394.62	56239.6	10.41	56405.03	56415.73438	56366.78195	56381.20703	504771.1	5411387.4
L4770.0	504771.1	5411385.8	35769.00000	362.87	0	48.855420	-86.934958	56395.43	56239.6	10.41	56405.84	56416.24219	56369.24220	56383.16016	504771.1	5411385.8
L4770.0	504771.1	5411384.6	35769.10156	362.17	0	48.855409	-86.934958	56396.73	56239.6	10.41	56407.14	56417.23438	56383.29967	56396.71094	504771.1	5411384.6
L4770.0	504771.1	5411383.3	35769.30078	363.52	0	48.855398	-86.934958	56397.40	56239.6	10.41	56407.81	56417.60156	56382.48535	56395.38672	504771.1	5411383.3
L4770.0	504771.1	5411383.3	35769.39844	362.43	0	48.855398	-86.934958	56398.85	56239.6	10.41	56409.26	56418.74219	56400.13236	56412.52344	504771.1	5411383.3
L4770.0	504771.1	5411381.9	35769.50000	362.75	0	48.855385	-86.934958	56399.46	56239.6	10.41	56409.87	56419.04297	56397.95149	56409.83203	504771.1	5411381.9
L4770.0	504771.1	5411380.2	35769.60156	361.54	0	48.855370	-86.934958	56400.18	56239.6	10.41	56410.59	56419.45313	56398.40112	56409.76563	504771.1	5411380.2

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4770.0	504771.1	5411380.2	35769.69922	360.59	0	48.855370	-86.934958	56400.66	56239.6	10.41	56411.07	56419.62500	56393.21015	56404.05859	504771.1	5411380.2
L4770.0	504771.1	5411379.2	35769.80078	360.54	0	48.855361	-86.934958	56401.40	56239.6	10.41	56411.81	56420.05078	56394.19852	56404.52734	504771.1	5411379.2
L4770.0	504771.1	5411377.8	35769.89844	359.91	0	48.855348	-86.934958	56402.53	56239.6	10.41	56412.94	56420.86719	56404.43957	56414.24609	504771.1	5411377.8
L4770.0	504771.1	5411377.8	35770.00000	359.42	0	48.855348	-86.934958	56403.39	56239.6	10.41	56413.81	56421.42578	56408.56855	56417.85156	504771.1	5411377.8
L4770.0	504771.1	5411376.3	35770.10156	360.47	0	48.855335	-86.934958	56404.52	56239.6	10.41	56414.93	56422.23047	56418.63942	56427.39844	504771.1	5411376.3
L4770.0	504771.1	5411376.3	35770.19922	360.89	0	48.855335	-86.934958	56405.13	56239.6	10.41	56415.54	56422.52344	56416.68570	56424.91797	504771.1	5411376.3
L4770.0	504771.1	5411374.9	35770.30078	359.40	0	48.855323	-86.934958	56406.00	56239.6	10.41	56416.40	56423.06641	56420.66910	56428.36719	504771.1	5411374.9
L4770.0	504771.1	5411373.4	35770.39844	358.88	0	48.855309	-86.934958	56406.48	56239.6	10.41	56416.89	56423.23828	56415.93077	56423.09766	504771.1	5411373.4
L4770.0	504771.1	5411371.9	35770.50000	358.97	0	48.855296	-86.934958	56407.48	56239.6	10.41	56417.88	56423.90625	56423.03089	56429.66016	504771.1	5411371.9
L4770.0	504771.1	5411371.9	35770.60156	359.10	0	48.855296	-86.934958	56408.24	56239.6	10.40	56418.65	56424.35547	56424.94524	56431.03516	504771.1	5411371.9
L4770.0	504771.1	5411370.3	35770.69922	360.02	0	48.855281	-86.934958	56409.26	56239.6	10.40	56419.67	56425.05469	56432.77739	56438.32813	504771.1	5411370.3
L4770.0	504771.1	5411370.3	35770.80078	362.40	0	48.855281	-86.934958	56410.18	56239.6	10.40	56420.59	56425.64844	56438.24741	56443.25391	504771.1	5411370.3
L4770.0	504771.1	5411368.4	35770.89844	361.19	0	48.855264	-86.934958	56410.74	56239.6	10.40	56421.14	56425.87500	56434.96553	56439.42188	504771.1	5411368.4
L4770.0	504771.1	5411368.4	35771.00000	362.45	0	48.855264	-86.934958	56411.38	56239.6	10.40	56421.78	56426.18750	56433.79661	56437.70313	504771.1	5411368.4
L4770.0	504771.1	5411365.9	35771.00000	361.35	0	48.855241	-86.934958	56411.94	56239.6	10.40	56422.34	56426.42188	56430.71311	56434.06641	504771.1	5411365.9
L4770.0	504771.1	5411365.9	35771.10156	360.29	0	48.855241	-86.934958	56412.68	56239.6	10.40	56423.08	56426.83203	56431.85090	56434.64453	504771.1	5411365.9
L4770.0	504771.1	5411364.4	35771.30078	360.16	0	48.855228	-86.934958	56413.56	56239.6	10.40	56423.95	56427.37500	56436.01747	56438.25000	504771.1	5411364.4
L4770.0	504771.1	5411362.9	35771.39844	358.27	0	48.855215	-86.934958	56414.73	56239.6	10.40	56425.12	56428.21484	56447.21989	56448.89063	504771.1	5411362.9
L4770.0	504771.1	5411362.9	35771.50000	360.53	0	48.855215	-86.934958	56415.42	56239.6	10.40	56425.81	56428.57422	56447.00892	56448.10938	504771.1	5411362.9
L4770.0	504771.1	5411361.6	35771.60156	362.13	0	48.855203	-86.934958	56416.23	56239.6	10.39	56426.62	56429.05078	56449.55442	56450.08594	504771.1	5411361.6
L4770.0	504771.1	5411360.3	35771.69922	361.86	0	48.855191	-86.934958	56416.62	56239.6	10.39	56427.01	56429.10547	56442.07889	56442.03516	504771.1	5411360.3
L4770.0	504771.1	5411360.3	35771.80078	360.78	0	48.855191	-86.934958	56417.43	56239.6	10.39	56427.82	56429.58203	56444.42397	56443.80078	504771.1	5411360.3
L4770.0	504771.1	5411358.8	35771.89844	361.90	0	48.855178	-86.934958	56418.20	56239.6	10.39	56428.59	56430.01563	56445.70204	56444.49609	504771.1	5411358.8
L4770.0	504771.1	5411357.3	35772.00000	362.48	0	48.855165	-86.934958	56418.73	56239.6	10.39	56429.12	56430.20703	56441.17069	56439.37891	504771.1	5411357.3
L4770.0	504771.1	5411357.3	35772.10156	361.95	0	48.855165	-86.934958	56419.55	56239.6	10.39	56429.94	56430.68750	56443.34240	56440.96094	504771.1	5411357.3
L4770.0	504771.1	5411355.8	35772.19922	361.59	0	48.855150	-86.934958	56420.16	56239.6	10.39	56430.56	56430.96875	56440.61899	56437.64453	504771.1	5411355.8
L4770.0	504771.1	5411354.2	35772.30078	361.01	0	48.855136	-86.934958	56421.00	56239.6	10.39	56431.40	56431.46875	56442.91197	56439.33984	504771.1	5411354.2
L4770.0	504771.1	5411353.0	35772.39844	358.05	0	48.855125	-86.934958	56421.46	56239.6	10.39	56431.86	56431.58984	56436.02231	56431.84766	504771.1	5411353.0
L4770.0	504771.1	5411351.6	35772.50000	360.06	0	48.855113	-86.934958	56422.31	56239.6	10.39	56432.70	56432.08594	56437.89761	56433.11719	504771.1	5411351.6
L4770.0	504771.1	5411351.6	35772.60156	360.58	0	48.855113	-86.934958	56422.84	56239.6	10.40	56433.24	56432.28125	56432.44727	56427.05469	504771.1	5411351.6
L4770.0	504771.1	5411350.2	35772.69922	359.27	0	48.855100	-86.934959	56423.48	56239.6	10.40	56433.87	56432.56641	56428.87257	56422.86719	504771.1	5411350.2
L4770.0	504771.1	5411349.0	35772.80078	359.98	0	48.855089	-86.934959	56424.07	56239.6	10.40	56434.46	56432.81250	56424.08317	56417.46094	504771.1	5411349.0
L4770.0	504771.1	5411349.0	35772.89844	359.22	0	48.855089	-86.934959	56424.66	56239.6	10.40	56435.06	56433.06641	56419.24333	56412.00000	504771.1	5411349.0
L4770.0	504771.1	5411347.6	35773.00000	358.52	0	48.855077	-86.934959	56425.39	56239.6	10.40	56435.79	56433.44922	56417.17193	56409.30469	504771.1	5411347.6
L4770.0	504771.1	5411347.6	35773.00000	357.66	0	48.855077	-86.934959	56425.86	56239.6	10.40	56436.26	56433.57031	56408.63272	56400.13672	504771.1	5411347.6
L4770.0	504771.0	5411345.3	35773.10156	359.59	0	48.855056	-86.934959	56426.75	56239.6	10.40	56437.15	56434.10938	56409.68160	56400.55078	504771.0	5411345.3
L4770.0	504771.0	5411344.3	35773.30078	358.86	0	48.855047	-86.934959	56427.56	56239.6	10.40	56437.96	56434.57031	56408.48238	56398.71484	504771.0	5411344.3
L4770.0	504771.0	5411344.3	35773.39844	360.06	0	48.855047	-86.934959	56428.61	56239.6	10.40	56439.01	56435.26953	56412.58177	56402.17578	504771.0	5411344.3
L4770.0	504771.0	5411341.8	35773.50000	360.23	0	48.855024	-86.934960	56429.17	56239.6	10.40	56439.57	56435.47656	56404.70736	56393.65625	504771.0	5411341.8
L4770.0	504771.0	5411341.8	35773.60156	357.88	0	48.855024	-86.934960	56429.98	56239.6	10.40	56440.38	56435.93750	56402.33411	56390.63672	504771.0	5411341.8
L4770.0	504771.0	5411340.1	35773.69922	358.68	0	48.855009	-86.934960	56430.63	56239.6	10.40	56441.03	56436.23438	56395.75424	56383.40625	504771.0	5411340.1
L4770.0	504771.0	5411338.9	35773.80078	358.85	0	48.854999	-86.934960	56431.29	56239.6	10.40	56441.69	56436.53906	56388.97009	56375.96875	504771.0	5411338.9
L4770.0	504771.0	5411338.9	35773.89844	358.79	0	48.854999	-86.934960	56432.06	56239.6	10.40	56442.46	56436.95313	56384.32986	56370.67188	504771.0	5411338.9
L4770.0	504771.0	5411337.6	35774.00000	357.79	0	48.854987	-86.934960	56432.74	56239.6	10.40	56443.14	56437.28125	56377.09101	56362.77344	504771.0	5411337.6
L4770.0	504771.0	5411336.0	35774.10156	358.05	0	48.854972	-86.934960	56433.69	56239.6	10.40	56444.09	56437.87500	56375.74855	56360.76563	504771.0	5411336.0
L4770.0	504771.0	5411334.3	35774.19922	358.79	0	48.854957	-86.934960	56434.30	56239.6	10.40	56444.70	56438.12891	56365.86979	56350.21875	504771.0	5411334.3
L4770.0	504770.9	5411332.7	35774.30078	357.70	0	48.854942	-86.934961	56435.24	56239.6	10.40	56445.64	56438.71094	56363.27867	56346.96094	504770.9	5411332.7
L4770.0	504770.9	5411332.7	35774.39844	359.65	0	48.854942	-86.934961	56436.12	56239.6	10.40	56446.51	56439.22656	56358.50778	56341.51563	504770.9	5411332.7
L4770.0	504770.9	5411332.7	35774.50000	359.37	0	48.854942	-86.934961	56437.29	56239.6	10.40	56447.68	56440.03906	56360.29135	56342.62500	504770.9	5411332.7
L4770.0	504770.9	5411331.1	35774.60156	359.58	0	48.854929	-86.934961	56438.38	56239.6	10.39	56448.78	56440.78125	56359.87270	56341.52734	504770.9	5411331.1
L4770.0	504770.9	5411331.1	35774.69922	360.82	0	48.854929	-86.934961	56439.36	56239.6	10.39	56449.75	56441.39453	56355.82369	56336.79688	504770.9	5411331.1
L4770.0	504770.9	5411329.1	35774.80078	360.05	0	48.854910	-86.934961	56440.22	56239.6	10.39	56450.61	56441.89453	56348.60808	56328.90234	504770.9	5411329.1
L4770.0	504770.9	5411327.5	35774.89844	358.88	0	48.854896	-86.934961	56441.34	56239.6	10.39	56451.73	56442.65625	56346.96375	56326.57031	504770.9	5411327.5
L4770.0	504770.9	5411326.4	35775.00000	357.81	0	48.854886	-86.934961	56442.46	56239.6	10.39	56452.85	56443.41797	56344.73797	56323.65625	504770.9	5411326.4
L4770.0	504770.9	5411326.4	35775.00000	356.61	0	48.854886	-86.934961	56443.70	56239.6	10.39	56454.08	56444.29297	56344.52495	56322.75391	504770.9	5411326.4
L4770.0	504770.9	5411324.6	35775.10156	356.75	0	48.854870	-86.934961	56444.96	56239.6	10.39	56455.35	56445.20313	56344.66527	56322.20703	504770.9	5411324.6
L4770.0	504770.9	5411322.8	35775.30078	356.35	0	48.854854	-86.934961	56446.58	56239.6	10.39	56456.97	56446.46484	56352.48288	56329.33203	504770.9	5411322.8
L4770.0	504770.9	5411322.8	35775.39844	355.82	0	48.854854	-86.934961	56447.77	56239.6	10.39	56458.16	56447.29688	56349.53802	56325.69141	504770.9	5411322.8
L4770.0	504770.9	5411321.2	35775.50000	355.63	0	48.854839	-86.934961	56448.95	56239.6	10.39	56459.33	56448.10938	56345.52079	56320.98047	504770.9	5411321.2
L4770.0	504770.9	5411319.8	35775.60156	357.35	0	48.854827	-86.934961	56450.28	56239.6	10.39	56460.67	56449.09375	56344.92222	56319.68359	504770.9	5411319.8
L4770.0	504770.9	5411319.8	35775.69922	357.04	0	48.854827	-86.934961	56451.98	56239.6	10.39	56462.37	56450.43750	56352.23461	56326.30078	504770.9	5411319.8
L4770.0	504770.9	5411318.3	35775.80078	356.88	0	48.854813	-86.934961	56453.46	56239.6	10.39	56463.85	56451.56250	56353.75070	56327.11719	504770.9	5411318.3
L4770.0	504770.9	5411318.3	35775.89844	357.25	0	48.854813	-86.934961	56455.20	56239.6	10.39	56465.59	56452.94531	56360.82022	56333.48828	504770.9	5411318.3
L4770.0	504770.9	5411316.5	35776.00000	356.49	0	48.854797	-86.934961	56456.58	56239.6	10.39	56466.97	56453.97266	56358.79299	56330.76172	504770.9	5411316.5
L4770.0	504770.9	5411314.7	35776.00000	357.22	0	48.854780	-86.934961	56458.16	56239.6	10.39	56468.55	56455.19531	56360.91238	56332.17969	504770.9	5411314.7
L4770.0	504770.9	5411314.7	35776.19922	357.29	0	48.854780	-86.934961	56459.67	56239.6	10.39	56470.06	56456.35547	56360.80396	56331.37109	504770.9	5411314.7
L4770.0	504770.9	5411313.3	35776.30078	356.71	0	48.854768	-86.934961	56461.40	56239.6	10.39	56471.79	56457.73047	56365.33166	56335.19922	504770.9	5411313.3
L4770.0	504771.0	5411312.0	35776.39844	356.44	0	48.854757	-86.934961	56462.88	56239.6	10.39	56473.28	56458.87109	56363.63259	56332.80078	504771.0	5411312.0
L4770.0	504771.0	5411312.0	35776.50000	358.07	0	48.854757	-86.934961	56464.64	56239.6	10.39	56475.04	56460.28125	56367.77357	56336.24609	504771.0	5411312.0
L4770.0	504771.0	5411310.1	35776.60156	359.03	0	48.854739	-86.934961	56466.69	56239.6	10.40	56477.08	56461.97266	56378.00401	56345.77734	504771.0	5411310.1
L4770.0	504771.0	5411308.8	35776.69922	359.72	0	48.854728	-86.934961	56468.68	56239.6	10.40	56479.08	56463.62500	56386.77425	56353.85156	504771.0	5411308.8
L4770.0	504771.0	5411307.7	35776.80078	359.43	0	48.854718	-86.934960	56470.62	56239.6	10.40	56481.02	56465.21875	56393.62718	56360.01172	504771.0	5411307.7
L4770.0	504771.0	5411307.7	35776.89844	359.52	0	48.854718	-86.934960	56472.45	56239.6	10.40	56482.85	56466.70313	56397.39787	56363.08984	504771.0	5411307.7
L4770.0	504771.0	5411305.9	35777.00000	360.30	0	48.854702	-86.934960	56474.52	56239.6	10.40	56484.92	56468.42969	56406.37763	56371.37500	504771.0	5411305.9
L4770.0	504771.0	5411305.9	35777.00000	359.08	0	48.854702	-86.934960	56476.26	56239.6	10.40	56486.66	56469.82813	56407.11253	56371.42188	504771.0	5411305.9
L4770.0	504771.0	5411302.9	35777.10156	358.78	0	48.854674	-86.934960	56478.38	56239.6	10.40	56488.77	56471.60156	56416.16949	56379.79297	504771.0	5411302.9
L4770.0	504771.0	5411302.9	35777.30078	360.60	0	48.854674	-86.934960	56480.29	56239.6	10.40	56490.68	56473.17188	56420.09698	56383.03516	504771.0	5411302.9
L4770.0	504771.0	5411301.4	35777.39844	360.06	0	48.854661	-86.934960	56482.51	56239.6	10.40	56492.90	56475.05859	56430.97313	56393.23047	504771.0	5411301.4
L4770.0	504771.0	5411301.4	35777.50000	360.18	0	48.854661	-86.934960	56484.68	56239.6	10.39	56495.07	56476.89453	56440.31256	56401.89453	504771.0	5411301.4
L4770.0	504771.0	5411299.7	35777.60156	359.90	0	48.854646	-86.934960	56486.92	56239.6	10.39	56497.32	56478.81250	56451.21336	56412.12109	504771.0	5411299.7
L4770.0	504771.0	5411298.3	35777.69922	359.70	0	48.854634	-86.934960	56489.02	56239.6	10.39	56499.41	56480.57422	56458.02877	56418.26563	504771.0	5411298.3
L4770.0	504771.0	5411297.1	35777.80078	360.30	0	48.854623	-86.934960	56491.32	56239.6	10.39	56501.71	56482.54688	56469.53190	56429.10156	504771.0	5411297.1
L4770.0	504771.0	5411295.7	35777.89844	358.54	0	48.854610	-86.934960	56493.46	56239.6	10.39	56503.85	56484.36328	56477.00507	56435.91406	504771.0	5411295.7
L4770.0	504771.0	5411295.7	35778.00000	360.11	0	48.854610	-86.934960	56495.57	56239.6	10.39	56505.96	56486.15234	56483.55023	56441.80078	504771.0	5411295.7
L4770.0	504771.0	5411294.1	35778.10156	361.52	0	48.854595	-86.934960	56498.08	56239.6	10.39	56508.47	56488.34375	56499.36145	56456.96094	504771.0	5411294.1
L4770.0	504771.0	5411292.8	35778.19922	363.07	0	48.854584	-86.934960	56500.25	56239.6	10.39	56510.64	56490.19922	56506.97770	56463.92969	504771.0	5411292.8
L4770.0	504771.0	5411292.8	35778.30078	362.38	0	48.854584	-86.934960	56502.44	56239.6	10.40	56512.83	56492.07813	56514.93993	56471.25391	504771.0	5411292.8
L4770.0	504771.0	5411290.9	35778.39844	361.52	0	48.854567	-86.934960	56504.38	56239.6	10.40	56514.78	56493.71875	56517.13454	56472.81250	504771.0	5411290.9
L4770.0	504771.0	5411289.5	35778.50000	360.98	0	48.854554	-86.934960	56506.90	56239.6	10.40	56517.30	56495.93359	56532.74065	56487.78906	504771.0	5411289.5
L4770.0	504771.0	5411289.5	35778.60156	360.94	0	48.854554	-86.934960	56509.20	56239.6	10.40	56519.61	56497.94141	56543.35433	56497.78125	504771.0	5411289.5
L4770.0	504771.0	5411288.2	35778.69922	359.77	0	48.854542	-86.934960	56511.42	56239.6	10.40	56521.83	56499.85938	56551.84589	56505.66016	504771.0	5411288.2
L4770.0	504771.0	5411286.8	35778.80078	359.41	0	48.854530	-86.934960	56513.68	56239.6	10.41	56524.08	56501.81641	56561.08607	56514.29297	504771.0	5411286.8
L4770.0	504771.0	5411285.3	35778.89844	360.07	0	48.854516	-86.934960	56515.91	56239.6	10.41	56526.32	56503.76172	56570.16398	56522.76953	504771.0	5411285.3

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4770.0	504771.0	5411285.3	35779.00000	357.48	0	48.854516	-86.934960	56518.21	56239.6	10.41	56528.63	56505.78516	56581.00552	56533.01563	504771.0	5411285.3
L4770.0	504771.0	5411283.8	35779.00000	358.17	0	48.854503	-86.934960	56520.56	56239.6	10.41	56530.97	56507.83984	56592.70033	56544.12891	504771.0	5411283.8
L4770.0	504771.0	5411282.1	35779.10156	357.77	0	48.854488	-86.934960	56522.66	56239.6	10.41	56533.07	56509.66406	56598.90162	56549.75391	504771.0	5411282.1
L4770.0	504771.0	5411282.1	35779.19922	359.41	0	48.854488	-86.934960	56524.70	56239.6	10.41	56535.11	56511.42578	56603.89954	56554.18750	504771.0	5411282.1
L4770.0	504771.0	5411280.4	35779.30078	359.24	0	48.854472	-86.934960	56527.32	56239.6	10.41	56537.74	56513.78516	56623.09392	56572.82422	504771.0	5411280.4
L4770.0	504771.0	5411279.0	35779.39844	358.81	0	48.854460	-86.934960	56529.42	56239.6	10.41	56539.83	56515.60938	56629.80983	56578.98828	504771.0	5411279.0
L4770.0	504771.1	5411277.5	35779.50000	358.34	0	48.854446	-86.934960	56531.71	56239.6	10.42	56542.13	56517.64453	56641.81070	56590.45313	504771.1	5411277.5
L4770.0	504771.1	5411277.5	35779.60156	359.35	0	48.854446	-86.934960	56533.81	56239.6	10.42	56544.22	56519.47656	56649.20396	56597.32031	504771.1	5411277.5
L4770.0	504771.1	5411275.3	35779.69922	359.07	0	48.854426	-86.934959	56536.05	56239.6	10.42	56546.46	56521.46484	56660.53405	56608.13281	504771.1	5411275.3
L4770.0	504771.1	5411274.2	35779.80078	359.48	0	48.854416	-86.934959	56538.02	56239.6	10.42	56548.44	56523.19922	56666.14427	56613.23438	504771.1	5411274.2
L4770.0	504771.1	5411274.2	35779.89844	357.46	0	48.854416	-86.934959	56539.88	56239.6	10.42	56550.30	56524.81250	56669.37816	56615.97266	504771.1	5411274.2
L4770.0	504771.2	5411272.7	35780.00000	355.53	0	48.854403	-86.934958	56542.00	56239.6	10.42	56552.42	56526.69531	56679.25186	56625.36328	504771.2	5411272.7
L4770.0	504771.2	5411271.4	35780.10156	355.17	0	48.854391	-86.934958	56543.81	56239.6	10.42	56554.23	56528.27344	56682.32543	56627.96484	504771.2	5411271.4
L4770.0	504771.2	5411269.8	35780.19922	354.50	0	48.854377	-86.934958	56546.23	56239.6	10.42	56556.66	56530.47656	56700.61462	56645.79688	504771.2	5411269.8
L4770.0	504771.2	5411269.8	35780.39844	355.88	0	48.854377	-86.934958	56547.96	56239.6	10.42	56558.39	56531.98438	56702.95027	56647.68359	504771.2	5411269.8
L4770.0	504771.2	5411268.4	35780.50000	356.12	0	48.854365	-86.934958	56550.24	56239.6	10.43	56560.67	56534.04688	56718.91090	56663.20703	504771.2	5411268.4
L4770.0	504771.2	5411267.1	35780.60156	356.27	0	48.854352	-86.934957	56552.08	56239.6	10.43	56562.50	56535.66797	56724.88999	56668.76172	504771.2	5411267.1
L4770.0	504771.2	5411265.7	35780.69922	355.37	0	48.854340	-86.934957	56554.07	56239.6	10.43	56564.49	56537.45313	56735.33664	56678.80078	504771.2	5411265.7
L4770.0	504771.2	5411265.7	35780.80078	355.26	0	48.854340	-86.934957	56555.42	56239.6	10.43	56565.85	56538.61328	56731.60670	56674.67578	504771.2	5411265.7
L4770.0	504771.2	5411263.2	35780.89844	356.67	0	48.854318	-86.934957	56556.88	56239.6	10.43	56567.30	56539.86719	56730.74774	56673.43359	504771.2	5411263.2
L4770.0	504771.2	5411263.2	35781.00000	359.25	0	48.854318	-86.934957	56558.56	56239.6	10.43	56568.99	56541.37109	56736.33312	56678.65234	504771.2	5411263.2
L4770.0	504771.3	5411261.4	35781.00000	361.74	0	48.854301	-86.934957	56560.22	56239.6	10.43	56570.65	56542.84766	56742.00752	56683.97266	504771.3	5411261.4
L4770.0	504771.3	5411261.4	35781.10156	360.54	0	48.854301	-86.934957	56562.14	56239.6	10.43	56572.57	56544.59375	56754.65166	56696.28125	504771.3	5411261.4
L4770.0	504771.3	5411259.9	35781.30078	359.98	0	48.854288	-86.934957	56563.56	56239.6	10.42	56573.99	56545.84375	56756.32590	56697.62891	504771.3	5411259.9
L4770.0	504771.3	5411258.4	35781.39844	358.64	0	48.854275	-86.934957	56565.35	56239.6	10.42	56575.77	56547.46094	56767.38231	56708.37500	504771.3	5411258.4
L4770.0	504771.3	5411257.2	35781.50000	358.44	0	48.854263	-86.934957	56566.54	56239.6	10.42	56576.96	56548.49609	56765.38805	56706.08594	504771.3	5411257.2
L4770.0	504771.3	5411257.2	35781.60156	358.97	0	48.854263	-86.934957	56568.01	56239.6	10.42	56578.43	56549.81641	56770.92941	56711.35156	504771.3	5411257.2
L4770.0	504771.3	5411255.8	35781.69922	358.86	0	48.854251	-86.934957	56569.07	56239.6	10.42	56579.49	56550.73438	56767.71712	56707.87500	504771.3	5411255.8
L4770.0	504771.3	5411255.8	35781.80078	359.58	0	48.854251	-86.934957	56570.40	56239.6	10.41	56580.81	56551.91797	56771.60773	56711.51953	504771.3	5411255.8
L4770.0	504771.3	5411252.6	35781.89844	359.08	0	48.854222	-86.934957	56572.16	56239.6	10.41	56582.58	56553.55859	56787.11068	56726.79297	504771.3	5411252.6
L4770.0	504771.3	5411252.6	35782.00000	359.05	0	48.854222	-86.934957	56573.54	56239.6	10.41	56583.95	56554.80469	56794.15124	56733.61719	504771.3	5411252.6
L4770.0	504771.3	5411251.2	35782.10156	356.99	0	48.854210	-86.934957	56574.43	56239.6	10.41	56584.84	56555.57813	56790.85437	56730.12500	504771.3	5411251.2
L4770.0	504771.3	5411249.9	35782.19922	358.60	0	48.854198	-86.934957	56575.02	56239.6	10.41	56585.43	56556.05859	56781.48961	56720.57813	504771.3	5411249.9
L4770.0	504771.3	5411249.9	35782.30078	358.18	0	48.854198	-86.934957	56575.99	56239.6	10.41	56586.40	56556.92578	56782.14402	56721.07031	504771.3	5411249.9
L4770.0	504771.3	5411248.5	35782.39844	359.33	0	48.854185	-86.934957	56576.75	56239.6	10.41	56587.16	56557.58984	56778.88388	56717.66016	504771.3	5411248.5
L4770.0	504771.3	5411246.8	35782.50000	359.11	0	48.854170	-86.934957	56577.98	56239.6	10.40	56588.39	56558.73438	56787.79386	56726.44141	504771.3	5411246.8
L4770.0	504771.3	5411245.4	35782.60156	358.60	0	48.854157	-86.934957	56578.77	56239.6	10.40	56589.17	56559.43359	56787.13746	56725.67188	504771.3	5411245.4
L4770.0	504771.3	5411245.4	35782.69922	358.88	0	48.854157	-86.934957	56579.64	56239.6	10.40	56590.04	56560.22656	56789.68772	56728.12891	504771.3	5411245.4
L4770.0	504771.3	5411243.9	35782.80078	358.03	0	48.854144	-86.934957	56580.23	56239.6	10.40	56590.63	56560.75000	56786.70637	56725.07031	504771.3	5411243.9
L4770.0	504771.3	5411242.4	35782.89844	357.68	0	48.854131	-86.934957	56580.89	56239.6	10.40	56591.30	56561.36328	56786.70932	56725.01172	504771.3	5411242.4
L4770.0	504771.3	5411240.9	35783.00000	358.83	0	48.854116	-86.934957	56581.51	56239.6	10.40	56591.91	56561.91797	56786.39256	56724.65234	504771.3	5411240.9
L4770.0	504771.3	5411240.9	35783.00000	360.75	0	48.854116	-86.934957	56582.22	56239.6	10.40	56592.62	56562.58594	56789.54217	56727.77734	504771.3	5411240.9
L4770.0	504771.3	5411239.3	35783.10156	359.96	0	48.854103	-86.934957	56583.08	56239.6	10.40	56593.48	56563.40625	56797.34296	56735.57422	504771.3	5411239.3
L4770.0	504771.3	5411237.6	35783.30078	360.58	0	48.854088	-86.934957	56583.19	56239.6	10.39	56593.58	56563.47656	56788.28664	56726.53125	504771.3	5411237.6
L4770.0	504771.3	5411237.6	35783.39844	362.53	0	48.854088	-86.934957	56583.49	56239.6	10.39	56593.88	56563.75391	56785.06586	56723.33984	504771.3	5411237.6
L4770.0	504771.3	5411235.7	35783.50000	361.57	0	48.854070	-86.934957	56583.39	56239.6	10.39	56593.78	56563.63672	56773.49776	56711.81641	504771.3	5411235.7
L4770.0	504771.3	5411235.7	35783.60156	360.07	0	48.854070	-86.934957	56583.64	56239.6	10.38	56594.02	56563.86719	56771.07258	56709.45703	504771.3	5411235.7
L4770.0	504771.3	5411234.6	35783.69922	359.02	0	48.854060	-86.934957	56583.88	56239.6	10.38	56594.26	56564.10547	56769.75106	56708.22266	504771.3	5411234.6
L4770.0	504771.3	5411234.6	35783.80078	360.95	0	48.854060	-86.934957	56584.32	56239.6	10.38	56594.69	56564.54297	56774.02078	56712.59766	504771.3	5411234.6
L4770.0	504771.3	5411232.6	35783.89844	359.84	0	48.854042	-86.934957	56584.51	56239.6	10.37	56594.89	56564.75781	56773.94944	56712.64453	504771.3	5411232.6
L4770.0	504771.3	5411231.2	35784.00000	360.89	0	48.854030	-86.934957	56584.82	56239.6	10.37	56595.19	56565.07813	56777.33189	56716.16797	504771.3	5411231.2
L4770.0	504771.3	5411229.7	35784.10156	359.97	0	48.854016	-86.934957	56584.48	56239.6	10.37	56594.85	56564.76563	56766.66992	56705.66406	504771.3	5411229.7
L4770.0	504771.3	5411228.5	35784.19922	361.06	0	48.854006	-86.934956	56583.98	56239.6	10.37	56594.35	56564.30078	56753.30213	56692.47266	504771.3	5411228.5
L4770.0	504771.3	5411228.5	35784.30078	359.24	0	48.854006	-86.934956	56584.04	56239.6	10.37	56594.41	56564.40234	56754.23922	56693.60547	504771.3	5411228.5
L4770.0	504771.3	5411226.6	35784.39844	358.09	0	48.853989	-86.934956	56584.02	56239.6	10.37	56594.40	56564.44531	56754.58043	56694.15625	504771.3	5411226.6
L4770.0	504771.3	5411226.6	35784.50000	355.46	0	48.853989	-86.934956	56584.11	56239.6	10.38	56594.48	56564.58203	56758.09778	56697.90234	504771.3	5411226.6
L4770.0	504771.3	5411225.1	35784.60156	355.59	0	48.853975	-86.934956	56583.65	56239.6	10.38	56594.02	56564.18750	56749.88885	56689.94531	504771.3	5411225.1
L4770.0	504771.3	5411223.7	35784.69922	356.40	0	48.853962	-86.934957	56583.39	56239.6	10.38	56593.76	56563.99609	56747.43384	56687.75781	504771.3	5411223.7
L4770.0	504771.3	5411223.7	35784.80078	354.57	0	48.853962	-86.934957	56582.73	56239.6	10.38	56593.11	56563.42578	56736.77431	56677.38281	504771.3	5411223.7
L4770.0	504771.3	5411222.3	35784.89844	354.00	0	48.853950	-86.934957	56582.29	56239.6	10.38	56592.67	56563.07031	56732.07972	56672.98828	504771.3	5411222.3
L4770.0	504771.3	5411220.7	35785.00000	353.60	0	48.853935	-86.934957	56582.06	56239.6	10.38	56592.44	56562.93359	56733.33637	56674.56250	504771.3	5411220.7
L4770.0	504771.3	5411219.4	35785.00000	354.82	0	48.853923	-86.934957	56581.66	56239.6	10.38	56592.04	56562.63281	56731.54765	56673.11328	504771.3	5411219.4
L4770.0	504771.3	5411219.4	35785.10156	355.32	0	48.853923	-86.934957	56581.29	56239.6	10.38	56591.67	56562.37109	56731.42604	56673.34766	504771.3	5411219.4
L4770.0	504771.3	5411217.5	35785.30078	357.02	0	48.853907	-86.934957	56580.64	56239.6	10.37	56591.01	56561.82422	56725.39195	56667.68750	504771.3	5411217.5
L4770.0	504771.3	5411215.7	35785.39844	357.14	0	48.853890	-86.934957	56580.15	56239.6	10.37	56590.52	56561.45313	56724.30244	56666.98828	504771.3	5411215.7
L4770.0	504771.3	5411215.7	35785.50000	355.56	0	48.853890	-86.934957	56579.57	56239.6	10.37	56589.94	56561.00000	56721.99505	56665.08594	504771.3	5411215.7
L4770.0	504771.3	5411214.3	35785.60156	357.27	0	48.853878	-86.934957	56578.62	56239.6	10.37	56588.99	56560.18359	56711.83404	56655.34766	504771.3	5411214.3
L4770.0	504771.3	5411213.1	35785.69922	357.08	0	48.853867	-86.934957	56577.88	56239.6	10.37	56588.25	56559.58203	56707.51140	56651.46875	504771.3	5411213.1
L4770.0	504771.3	5411213.1	35785.80078	357.93	0	48.853867	-86.934957	56577.12	56239.6	10.36	56587.48	56558.96094	56703.33593	56647.75000	504771.3	5411213.1
L4770.0	504771.3	5411211.6	35785.89844	358.26	0	48.853853	-86.934957	56576.73	56239.6	10.36	56587.09	56558.72266	56708.98034	56653.86719	504771.3	5411211.6
L4770.0	504771.3	5411210.1	35786.00000	359.75	0	48.853839	-86.934957	56575.66	56239.6	10.36	56586.02	56557.80859	56699.36980	56644.74609	504771.3	5411210.1
L4770.0	504771.3	5411208.4	35786.00000	357.16	0	48.853825	-86.934957	56574.92	56239.6	10.36	56585.28	56557.23438	56698.35869	56644.23828	504771.3	5411208.4
L4770.0	504771.3	5411207.0	35786.19922	359.90	0	48.853812	-86.934957	56573.62	56239.6	10.36	56583.98	56556.10547	56684.88978	56631.29297	504771.3	5411207.0
L4770.0	504771.3	5411207.0	35786.30078	358.60	0	48.853812	-86.934957	56573.11	56239.6	10.36	56583.47	56555.77344	56690.85345	56637.79297	504771.3	5411207.0
L4770.0	504771.3	5411205.4	35786.39844	357.06	0	48.853798	-86.934957	56572.16	56239.6	10.36	56582.52	56555.00781	56687.15501	56634.64453	504771.3	5411205.4
L4770.0	504771.3	5411203.7	35786.50000	357.80	0	48.853782	-86.934957	56571.50	56239.6	10.36	56581.86	56554.53516	56691.02893	56639.08594	504771.3	5411203.7
L4770.0	504771.3	5411203.7	35786.60156	358.48	0	48.853782	-86.934957	56570.66	56239.6	10.36	56581.02	56553.89063	56691.34439	56639.98438	504771.3	5411203.7
L4770.0	504771.3	5411202.0	35786.69922	360.49	0	48.853767	-86.934957	56569.71	56239.6	10.36	56580.07	56553.14063	56689.73452	56638.97266	504771.3	5411202.0
L4770.0	504771.3	5411202.0	35786.80078	358.85	0	48.853767	-86.934957	56568.77	56239.6	10.36	56579.13	56552.40625	56689.01404	56638.86328	504771.3	5411202.0
L4770.0	504771.3	5411200.4	35786.89844	358.30	0	48.853752	-86.934957	56567.52	56239.6	10.36	56577.88	56551.36719	56681.59693	56632.07031	504771.3	5411200.4
L4770.0	504771.3	5411198.7	35787.00000	357.51	0	48.853737	-86.934957	56566.52	56239.6	10.36	56576.88	56550.58203	56680.69789	56631.80859	504771.3	5411198.7
L4770.0	504771.3	5411197.4	35787.00000	356.48	0	48.853726	-86.934957	56565.27	56239.6	10.36	56575.63	56549.55469	56674.47567	56626.23828	504771.3	5411197.4
L4770.0	504771.3	5411197.4	35787.10156	356.27	0	48.853726	-86.934957	56564.22	56239.6	10.36	56574.58	56548.73047	56673.54440	56625.97266	504771.3	5411197.4
L4770.0	504771.3	5411195.8	35787.30078	356.33	0	48.853711	-86.934957	56563.06	56239.6	10.35	56573.41	56547.78906	56670.31714	56623.42578	504771.3	5411195.8
L4770.0	504771.3	5411193.9	35787.39844	357.63	0	48.853694	-86.934957	56562.18	56239.7	10.35	56572.53	56547.14453	56674.46210	56628.25781	504771.3	5411193.9
L4770.0	504771.3	5411193.9	35787.50000	356.58	0	48.853694	-86.934957	56561.02	56239.7	10.35	56571.36	56546.21484	56672.24620	56626.74609	504771.3	5411193.9
L4770.0	504771.3	5411192.0	35787.60156	357.27	0	48.853677	-86.934957	56559.84	56239.7	10.34	56570.18	56545.28125	56670.26443	56625.48047	504771.3	5411192.0
L4770.0	504771.3	5411192.0	35787.69922	355.25	0	48.853677	-86.934957	56558.56	56239.7	10.34	56568.90	56544.25000	56666.36571	56622.30859	504771.3	5411192.0
L4770.0	504771.3	5411190.7	35787.80078	356.37	0	48.853666	-86.934957	56557.26	56239.7	10.34	56567.59	56543.19141	56662.18081	56618.86328	504771.3	5411190.7
L4770.0	504771.3	5411189.2	35787.89844	357.61	0	48.853652	-86.934957	56556.12	56239.7	10.33	56566.45	56542.30859	56662.41324	56619.84375	504771.3	5411189.2
L4770.0	504771.3	5411189.2	35788.00000	357.08	0	48.853652	-86.934957	56554.96	56239.7	10.33	56565.29	56541.41016	56662.54771	56620.73438	504771.3	5411189.2
L4770.0	504771.3	5411188.1	35788.10156	356.56	0	48.853642	-86.934957	56553.89	56239.7	10.33	56564.21	56540.59375	56664.92369	56623.88281	504771.3	5411188.1
L4770.0	504771.3	5411186.5	35788.19922	358.56	0	48.853627	-86.934957	56552.34	56239.7	10.32	56562.66	56539.31250	56656.51615	56616.25781	504771.3	5411186.5

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4770.0	504771.3	5411184.8	35788.30078	360.61	0	48.853613	-86.934957	56551.34	56239.7	10.32	56561.66	56538.58594	56661.41079	56621.94141	504771.3	5411184.8
L4770.0	504771.3	5411184.8	35788.39844	362.24	0	48.853613	-86.934957	56549.90	56239.7	10.31	56560.22	56537.42188	56656.18186	56617.51172	504771.3	5411184.8
L4770.0	504771.3	5411183.3	35788.50000	361.95	0	48.853599	-86.934957	56548.58	56239.7	10.31	56558.89	56536.37109	56653.80523	56615.94531	504771.3	5411183.3
L4770.0	504771.3	5411181.7	35788.60156	360.94	0	48.853584	-86.934957	56546.67	56239.7	10.31	56556.97	56534.73047	56637.70982	56600.66797	504771.3	5411181.7
L4770.0	504771.3	5411181.7	35788.69922	361.93	0	48.853584	-86.934957	56545.44	56239.7	10.30	56555.74	56533.78516	56638.12671	56601.91016	504771.3	5411181.7
L4770.0	504771.3	5411179.7	35788.80078	363.71	0	48.853566	-86.934957	56544.04	56239.7	10.30	56554.34	56532.67188	56634.70266	56599.32031	504771.3	5411179.7
L4770.0	504771.3	5411178.4	35788.89844	362.11	0	48.853555	-86.934957	56542.64	56239.7	10.29	56552.93	56531.55469	56631.19462	56596.65234	504771.3	5411178.4
L4770.0	504771.3	5411178.4	35789.00000	361.67	0	48.853555	-86.934957	56541.21	56239.7	10.29	56551.50	56530.41406	56627.34111	56593.64844	504771.3	5411178.4
L4770.0	504771.3	5411177.0	35789.00000	360.30	0	48.853542	-86.934957	56539.86	56239.7	10.29	56550.15	56529.35938	56625.48075	56592.64453	504771.3	5411177.0
L4770.0	504771.3	5411175.4	35789.10156	360.75	0	48.853527	-86.934957	56538.52	56239.7	10.29	56548.81	56528.31641	56623.93374	56591.96484	504771.3	5411175.4
L4770.0	504771.3	5411174.2	35789.30078	359.58	0	48.853517	-86.934957	56537.15	56239.7	10.29	56547.44	56527.24609	56621.72941	56590.62891	504771.3	5411174.2
L4770.0	504771.3	5411174.2	35789.39844	357.66	0	48.853517	-86.934957	56535.46	56239.7	10.29	56545.75	56525.85938	56611.98773	56581.76172	504771.3	5411174.2
L4770.0	504771.3	5411172.7	35789.50000	356.45	0	48.853503	-86.934957	56533.75	56239.7	10.29	56544.04	56524.44922	56601.77477	56572.42969	504771.3	5411172.7
L4770.0	504771.3	5411171.3	35789.60156	356.97	0	48.853491	-86.934958	56531.89	56239.7	10.29	56542.18	56522.89453	56587.99255	56559.53516	504771.3	5411171.3
L4770.0	504771.3	5411171.3	35789.69922	356.54	0	48.853491	-86.934958	56530.62	56239.7	10.29	56540.91	56521.92969	56588.10773	56560.54297	504771.3	5411171.3
L4770.0	504771.3	5411169.6	35789.80078	358.26	0	48.853476	-86.934958	56529.16	56239.7	10.29	56539.45	56520.77734	56583.65809	56556.99219	504771.3	5411169.6
L4770.0	504771.3	5411169.6	35789.89844	358.13	0	48.853476	-86.934958	56528.20	56239.7	10.29	56538.49	56520.12891	56590.92856	56565.16016	504771.3	5411169.6
L4770.0	504771.3	5411166.7	35790.00000	357.83	0	48.853449	-86.934958	56526.68	56239.7	10.29	56536.97	56518.91797	56584.83863	56559.97656	504771.3	5411166.7
L4770.0	504771.3	5411166.7	35790.10156	357.86	0	48.853449	-86.934958	56525.44	56239.7	10.29	56535.73	56517.98828	56585.21911	56561.26953	504771.3	5411166.7
L4770.0	504771.3	5411165.5	35790.19922	359.06	0	48.853439	-86.934958	56523.14	56239.7	10.28	56533.43	56516.00000	56560.37125	56537.33594	504771.3	5411165.5
L4770.0	504771.3	5411163.9	35790.30078	358.69	0	48.853425	-86.934958	56521.50	56239.7	10.28	56531.79	56514.67188	56550.92718	56528.80469	504771.3	5411163.9
L4770.0	504771.3	5411163.9	35790.39844	358.40	0	48.853425	-86.934958	56520.07	56239.7	10.28	56530.35	56513.54297	56545.98953	56524.78516	504771.3	5411163.9
L4770.0	504771.3	5411162.4	35790.50000	356.94	0	48.853411	-86.934958	56518.72	56239.7	10.28	56529.00	56512.50781	56542.93425	56522.65234	504771.3	5411162.4
L4770.0	504771.3	5411160.6	35790.60156	356.95	0	48.853395	-86.934958	56517.45	56239.7	10.27	56527.72	56511.53906	56541.26493	56521.90625	504771.3	5411160.6
L4770.0	504771.3	5411160.6	35790.69922	357.22	0	48.853395	-86.934958	56515.96	56239.7	10.27	56526.23	56510.36328	56534.33969	56515.91016	504771.3	5411160.6
L4770.0	504771.3	5411159.3	35790.80078	356.05	0	48.853383	-86.934958	56514.64	56239.7	10.27	56524.91	56509.35547	56531.11771	56513.61328	504771.3	5411159.3
L4770.0	504771.3	5411157.9	35790.89844	356.97	0	48.853370	-86.934958	56512.70	56239.7	10.26	56522.96	56507.71875	56512.66625	56496.08984	504771.3	5411157.9
L4770.0	504771.3	5411156.7	35791.00000	356.64	0	48.853360	-86.934958	56511.32	56239.7	10.26	56521.58	56506.65234	56507.32793	56491.67969	504771.3	5411156.7
L4770.0	504771.3	5411156.7	35791.00000	356.55	0	48.853360	-86.934958	56509.62	56239.7	10.26	56519.88	56505.26563	56494.04340	56479.32813	504771.3	5411156.7
L4770.0	504771.3	5411155.4	35791.10156	357.23	0	48.853348	-86.934958	56508.46	56239.7	10.26	56518.72	56504.41797	56493.11934	56479.33594	504771.3	5411155.4
L4770.0	504771.3	5411153.8	35791.30078	358.98	0	48.853333	-86.934958	56507.18	56239.7	10.26	56517.45	56503.46094	56489.17030	56476.32031	504771.3	5411153.8
L4770.0	504771.3	5411152.1	35791.39844	358.83	0	48.853319	-86.934958	56505.78	56239.7	10.26	56516.05	56502.37109	56481.70293	56469.78125	504771.3	5411152.1
L4770.0	504771.3	5411152.1	35791.50000	359.73	0	48.853319	-86.934958	56504.43	56239.7	10.26	56514.70	56501.33203	56474.95188	56463.96094	504771.3	5411152.1
L4770.0	504771.3	5411150.3	35791.50000	359.62	0	48.853302	-86.934958	56502.77	56239.7	10.26	56513.04	56499.98047	56460.38813	56450.32813	504771.3	5411150.3
L4770.0	504771.3	5411148.9	35791.69922	359.05	0	48.853289	-86.934958	56501.88	56239.7	10.27	56512.15	56499.40234	56463.52123	56454.39453	504771.3	5411148.9
L4770.0	504771.3	5411148.9	35791.80078	360.16	0	48.853289	-86.934958	56500.35	56239.7	10.27	56510.62	56498.17969	56451.00399	56442.80469	504771.3	5411148.9
L4770.0	504771.3	5411147.6	35791.89844	359.67	0	48.853277	-86.934958	56499.36	56239.7	10.27	56509.62	56497.48438	56450.47460	56443.20313	504771.3	5411147.6
L4770.0	504771.3	5411147.6	35792.00000	360.60	0	48.853277	-86.934958	56497.87	56239.7	10.27	56508.14	56496.30859	56438.04219	56431.69531	504771.3	5411147.6
L4770.0	504771.3	5411146.0	35792.10156	361.02	0	48.853263	-86.934957	56496.95	56239.7	10.27	56507.22	56495.69141	56438.27349	56432.85156	504771.3	5411146.0
L4770.0	504771.3	5411144.5	35792.19922	359.87	0	48.853249	-86.934957	56495.70	56239.7	10.26	56505.97	56494.74609	56430.11559	56425.61719	504771.3	5411144.5
L4770.0	504771.4	5411142.8	35792.30078	357.51	0	48.853234	-86.934957	56494.66	56239.7	10.26	56504.92	56493.99609	56426.08160	56422.50391	504771.4	5411142.8
L4770.0	504771.4	5411142.8	35792.39844	359.28	0	48.853234	-86.934957	56493.79	56239.7	10.26	56504.04	56493.41406	56425.44845	56422.78906	504771.4	5411142.8
L4770.0	504771.4	5411141.2	35792.50000	357.94	0	48.853220	-86.934957	56492.44	56239.7	10.25	56502.69	56492.35938	56413.07503	56411.32813	504771.4	5411141.2
L4770.0	504771.4	5411139.5	35792.60156	358.76	0	48.853205	-86.934957	56491.52	56239.7	10.25	56501.77	56491.73438	56410.22281	56409.39063	504771.4	5411139.5
L4770.0	504771.4	5411138.1	35792.69922	359.81	0	48.853192	-86.934957	56490.32	56239.8	10.25	56500.57	56490.82813	56400.09784	56400.17578	504771.4	5411138.1
L4770.0	504771.4	5411138.1	35792.80078	358.98	0	48.853192	-86.934957	56489.86	56239.8	10.25	56500.10	56490.64844	56406.56350	56407.55078	504771.4	5411138.1
L4770.0	504771.4	5411136.0	35792.89844	359.49	0	48.853173	-86.934957	56488.76	56239.8	10.24	56499.00	56489.83984	56397.46332	56399.35156	504771.4	5411136.0
L4770.0	504771.4	5411134.6	35793.00000	358.38	0	48.853161	-86.934957	56488.28	56239.8	10.24	56498.52	56489.64453	56402.33561	56405.12109	504771.4	5411134.6
L4770.0	504771.4	5411134.6	35793.00000	359.28	0	48.853161	-86.934957	56487.00	56239.8	10.24	56497.24	56488.65234	56387.60757	56391.29297	504771.4	5411134.6
L4770.0	504771.4	5411133.3	35793.10156	357.47	0	48.853149	-86.934957	56486.29	56239.8	10.24	56496.52	56488.21484	56385.41963	56389.99609	504771.4	5411133.3
L4770.0	504771.4	5411131.7	35793.30078	356.10	0	48.853134	-86.934957	56485.83	56239.8	10.23	56496.06	56488.03516	56388.67501	56394.14063	504771.4	5411131.7
L4770.0	504771.4	5411131.7	35793.39844	354.61	0	48.853134	-86.934957	56485.52	56239.8	10.22	56495.74	56487.99219	56394.53270	56400.87891	504771.4	5411131.7
L4770.0	504771.4	5411130.3	35793.50000	356.13	0	48.853122	-86.934957	56485.42	56239.8	10.22	56495.64	56488.16797	56404.88027	56412.10547	504771.4	5411130.3
L4770.0	504771.4	5411130.3	35793.60156	356.79	0	48.853122	-86.934957	56484.57	56239.8	10.22	56494.79	56487.58984	56396.78698	56404.89063	504771.4	5411130.3
L4770.0	504771.4	5411128.2	35793.69922	359.15	0	48.853103	-86.934957	56484.20	56239.8	10.21	56494.41	56487.48047	56399.08924	56408.06250	504771.4	5411128.2
L4770.0	504771.4	5411127.0	35793.80078	359.51	0	48.853092	-86.934957	56483.07	56239.8	10.21	56493.28	56486.61719	56382.94909	56392.78906	504771.4	5411127.0
L4770.0	504771.4	5411125.4	35793.89844	361.65	0	48.853077	-86.934957	56483.48	56239.8	10.20	56493.68	56487.28125	56402.26087	56412.96094	504771.4	5411125.4
L4770.0	504771.4	5411125.4	35794.00000	360.86	0	48.853077	-86.934957	56483.22	56239.8	10.20	56493.42	56487.28516	56405.26042	56416.81250	504771.4	5411125.4
L4770.0	504771.4	5411123.6	35794.10156	360.18	0	48.853061	-86.934957	56482.92	56239.8	10.20	56493.12	56487.24609	56406.60602	56419.01172	504771.4	5411123.6
L4770.0	504771.4	5411123.6	35794.19922	358.73	0	48.853061	-86.934957	56482.13	56239.8	10.20	56492.32	56486.70313	56395.42857	56408.67969	504771.4	5411123.6
L4770.0	504771.4	5411121.9	35794.30078	358.74	0	48.853047	-86.934957	56481.88	56239.8	10.20	56492.07	56486.70703	56396.55261	56410.64063	504771.4	5411121.9
L4770.0	504771.4	5411120.1	35794.39844	359.11	0	48.853031	-86.934957	56481.97	56239.8	10.20	56492.17	56487.05469	56405.25693	56420.17969	504771.4	5411120.1
L4770.0	504771.4	5411120.1	35794.50000	357.95	0	48.853031	-86.934957	56481.46	56239.8	10.19	56491.66	56486.79297	56398.85690	56414.60547	504771.4	5411120.1
L4770.0	504771.4	5411118.7	35794.60156	357.57	0	48.853018	-86.934957	56481.92	56239.8	10.19	56492.11	56487.48828	56414.47175	56431.04297	504771.4	5411118.7
L4770.0	504771.3	5411117.3	35794.69922	358.00	0	48.853005	-86.934958	56481.69	56239.8	10.19	56491.88	56487.50000	56413.34546	56430.73438	504771.3	5411117.3
L4770.0	504771.3	5411117.3	35794.80078	357.93	0	48.853005	-86.934958	56482.13	56239.8	10.19	56492.32	56488.17969	56427.39908	56445.59766	504771.3	5411117.3
L4770.0	504771.3	5411115.2	35794.89844	358.92	0	48.852987	-86.934958	56481.44	56239.8	10.19	56491.63	56487.72656	56414.09658	56433.09766	504771.3	5411115.2
L4770.0	504771.3	5411113.7	35795.00000	359.38	0	48.852973	-86.934958	56481.64	56239.8	10.19	56491.83	56488.16016	56421.19811	56440.99609	504771.3	5411113.7
L4770.0	504771.3	5411112.3	35795.00000	360.36	0	48.852960	-86.934958	56481.48	56239.8	10.19	56491.67	56488.23047	56419.17020	56439.75781	504771.3	5411112.3
L4770.0	504771.3	5411112.3	35795.10156	360.79	0	48.852960	-86.934958	56481.64	56239.8	10.19	56491.83	56488.61719	56424.10062	56445.47266	504771.3	5411112.3
L4770.0	504771.3	5411110.9	35795.30078	359.48	0	48.852947	-86.934958	56481.72	56239.8	10.18	56491.90	56488.91016	56426.31321	56448.46094	504771.3	5411110.9
L4770.0	504771.3	5411109.3	35795.39844	360.08	0	48.852933	-86.934959	56481.74	56239.8	10.18	56491.92	56489.15234	56426.76950	56449.68750	504771.3	5411109.3
L4770.0	504771.3	5411109.3	35795.50000	361.53	0	48.852933	-86.934959	56482.48	56239.8	10.18	56492.66	56490.10938	56443.68722	56467.36719	504771.3	5411109.3
L4770.0	504771.3	5411107.9	35795.60156	358.27	0	48.852920	-86.934959	56482.38	56239.8	10.17	56492.55	56490.21484	56439.97319	56464.41016	504771.3	5411107.9
L4770.0	504771.3	5411107.9	35795.69922	356.91	0	48.852920	-86.934959	56483.15	56239.8	10.17	56493.32	56491.19531	56456.53863	56481.72656	504771.3	5411107.9
L4770.0	504771.3	5411106.5	35795.80078	357.36	0	48.852908	-86.934959	56482.79	56239.8	10.17	56492.95	56491.03516	56445.65495	56471.58594	504771.3	5411106.5
L4770.0	504771.3	5411104.9	35795.89844	356.77	0	48.852894	-86.934959	56483.50	56239.8	10.16	56493.67	56491.96094	56460.05348	56486.71484	504771.3	5411104.9
L4770.0	504771.3	5411103.7	35796.00000	355.72	0	48.852883	-86.934959	56483.27	56239.8	10.16	56493.43	56491.92188	56451.29776	56478.68750	504771.3	5411103.7
L4770.0	504771.3	5411101.6	35796.00000	356.93	0	48.852864	-86.934959	56483.86	56239.8	10.16	56494.02	56492.71094	56461.71983	56489.82813	504771.3	5411101.6
L4770.0	504771.3	5411101.6	35796.19922	356.61	0	48.852864	-86.934959	56484.06	56239.8	10.16	56494.22	56493.10547	56462.50340	56491.32422	504771.3	5411101.6
L4770.0	504771.3	5411100.0	35796.30078	355.88	0	48.852850	-86.934959	56484.45	56239.8	10.15	56494.60	56493.67578	56467.14377	56496.67188	504771.3	5411100.0
L4770.0	504771.3	5411098.7	35796.39844	357.07	0	48.852838	-86.934959	56485.01	56239.8	10.15	56495.16	56494.42578	56475.66327	56505.88672	504771.3	5411098.7
L4770.0	504771.3	5411098.7	35796.50000	359.66	0	48.852838	-86.934959	56485.24	56239.8	10.15	56495.39	56494.83984	56476.02949	56506.94141	504771.3	5411098.7
L4770.0	504771.3	5411097.1	35796.60156	359.44	0	48.852823	-86.934959	56485.88	56239.9	10.15	56496.03	56495.66406	56485.75716	56517.34766	504771.3	5411097.1
L4770.0	504771.3	5411095.5	35796.69922	358.37	0	48.852809	-86.934959	56485.63	56239.9	10.15	56495.77	56495.58203	56473.90443	56506.16797	504771.3	5411095.5
L4770.0	504771.3	5411095.5	35796.80078	359.09	0	48.852809	-86.934959	56486.59	56239.9	10.14	56496.74	56496.72656	56490.84260	56523.76953	504771.3	5411095.5
L4770.0	504771.3	5411094.1	35796.89844	359.29	0	48.852796	-86.934959	56486.49	56239.9	10.14	56496.63	56496.78906	56481.99267	56515.57422	504771.3	5411094.1
L4770.0	504771.3	5411092.5	35797.00000	357.80	0	48.852782	-86.934959	56487.46	56239.9	10.14	56497.60	56497.92969	56498.43527	56532.66406	504771.3	5411092.5
L4770.0	504771.3	5411092.5	35797.00000	358.56	0	48.852782	-86.934959	56487.64	56239.9	10.14	56497.78	56498.27734	56495.99201	56530.85938	504771.3	5411092.5
L4770.0	504771.3	5411091.1	35797.10156	356.50	0	48.852770	-86.934959	56488.15	56239.9	10.14	56498.28	56498.93750	56500.92415	56536.42188	504771.3	5411091.1
L4770.0	504771.3	5411089.5	35797.30078	356.94	0	48.852755	-86.934959	56488.40	56239.9	10.13	56498.53	56499.34766	56499.78191	56535.89844	504771.3	5411089.5
L4770.0	504771.3	5411088.1	35797.39844	357.80	0	48.852742	-86.934959	56488.64	56239.9	10.12	56498.76	56499.73438	56498.02534	56534.75391	504771.3	5411088.1
L4770.0	504771.3	5411088.1	35797.50000	355.84	0	48.852742	-86.934959	56489.53	56239.9	10.12	56499.65	56500.77734	56511.75114	56549.08203	504771.3	5411088.1

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4770.0	504771.3	5411086.6	35797.60156	356.44	0	48.852729	-86.934959	56489.53	56239.9	10.12	56499.64	56500.91406	56504.10781	56542.03125	504771.3	5411086.6
L4770.0	504771.3	5411084.9	35797.69922	355.71	0	48.852714	-86.934959	56490.50	56239.9	10.11	56500.61	56502.03125	56519.55646	56558.06250	504771.3	5411084.9
L4770.0	504771.3	5411084.9	35797.80078	355.68	0	48.852714	-86.934959	56490.70	56239.9	10.11	56500.81	56502.37500	56516.75378	56555.83594	504771.3	5411084.9
L4770.0	504771.3	5411083.0	35797.89844	358.22	0	48.852696	-86.934959	56491.60	56239.9	10.10	56501.70	56503.40234	56530.23234	56569.87891	504771.3	5411083.0
L4770.0	504771.3	5411081.6	35798.00000	358.17	0	48.852684	-86.934959	56491.54	56239.9	10.10	56501.64	56503.48047	56521.24805	56561.44922	504771.3	5411081.6
L4770.0	504771.3	5411081.6	35798.10156	358.99	0	48.852684	-86.934959	56492.46	56239.9	10.10	56502.56	56504.53125	56535.44212	56576.18750	504771.3	5411081.6
L4770.0	504771.3	5411079.9	35798.19922	359.12	0	48.852669	-86.934959	56492.64	56239.9	10.10	56502.74	56504.83984	56532.17833	56573.46094	504771.3	5411079.9
L4770.0	504771.3	5411078.9	35798.30078	356.59	0	48.852659	-86.934959	56493.15	56239.9	10.09	56503.25	56505.47656	56536.76846	56578.57422	504771.3	5411078.9
L4770.0	504771.3	5411078.9	35798.39844	356.69	0	48.852659	-86.934959	56493.69	56239.9	10.09	56503.78	56506.12891	56541.90386	56584.22656	504771.3	5411078.9
L4770.0	504771.3	5411076.1	35798.50000	356.17	0	48.852634	-86.934959	56493.94	56239.9	10.09	56504.03	56506.49609	56540.51155	56583.33984	504771.3	5411076.1
L4770.0	504771.3	5411076.1	35798.60156	358.34	0	48.852634	-86.934959	56494.58	56239.9	10.09	56504.67	56507.25391	56548.44614	56591.76953	504771.3	5411076.1
L4770.0	504771.3	5411074.2	35798.69922	358.96	0	48.852617	-86.934959	56494.56	56239.9	10.09	56504.64	56507.33594	56540.66863	56584.47266	504771.3	5411074.2
L4770.0	504771.3	5411072.9	35798.80078	359.55	0	48.852605	-86.934959	56495.52	56239.9	10.08	56505.61	56508.41406	56556.66948	56600.94531	504771.3	5411072.9
L4770.0	504771.3	5411072.9	35798.89844	361.13	0	48.852605	-86.934959	56495.42	56239.9	10.08	56505.50	56508.40625	56547.29772	56592.03906	504771.3	5411072.9
L4770.0	504771.3	5411071.3	35799.00000	362.05	0	48.852591	-86.934959	56496.32	56239.9	10.08	56506.40	56509.41016	56561.96978	56607.16016	504771.3	5411071.3
L4770.0	504771.3	5411069.9	35799.00000	360.10	0	48.852579	-86.934959	56496.32	56239.9	10.08	56506.40	56509.50781	56555.55125	56601.18359	504771.3	5411069.9
L4770.0	504771.3	5411069.9	35799.10156	359.64	0	48.852579	-86.934959	56496.77	56239.9	10.08	56506.85	56510.05078	56559.96490	56606.02344	504771.3	5411069.9
L4770.0	504771.3	5411067.9	35799.30078	358.56	0	48.852561	-86.934959	56496.93	56239.9	10.07	56506.99	56510.28125	56557.25747	56603.73438	504771.3	5411067.9
L4770.0	504771.3	5411067.9	35799.39844	359.32	0	48.852561	-86.934959	56496.98	56239.9	10.06	56507.04	56510.41797	56552.63938	56599.51953	504771.3	5411067.9
L4770.0	504771.3	5411066.5	35799.50000	358.75	0	48.852548	-86.934959	56497.72	56239.9	10.06	56507.77	56511.23047	56564.32066	56611.59766	504771.3	5411066.5
L4770.0	504771.3	5411065.1	35799.60156	358.32	0	48.852535	-86.934959	56497.59	56239.9	10.05	56507.64	56511.17969	56555.90768	56603.56641	504771.3	5411065.1
L4770.0	504771.3	5411063.4	35799.69922	359.54	0	48.852521	-86.934959	56498.66	56240	10.04	56508.71	56512.32422	56576.10070	56624.12891	504771.3	5411063.4
L4770.0	504771.3	5411063.4	35799.80078	357.82	0	48.852521	-86.934959	56498.71	56240	10.04	56508.75	56512.43750	56572.19410	56620.57813	504771.3	5411063.4
L4770.0	504771.3	5411061.4	35799.89844	359.52	0	48.852502	-86.934960	56499.35	56240	10.03	56509.39	56513.14453	56582.72185	56631.45313	504771.3	5411061.4
L4770.0	504771.3	5411060.3	35800.00000	360.45	0	48.852493	-86.934960	56498.66	56240	10.03	56508.69	56512.50781	56561.83100	56610.89453	504771.3	5411060.3
L4770.0	504771.3	5411060.3	35800.10156	358.23	0	48.852493	-86.934960	56499.10	56240	10.03	56509.13	56513.00781	56568.14521	56617.52734	504771.3	5411060.3
L4770.0	504771.3	5411058.7	35800.19922	359.44	0	48.852478	-86.934960	56498.87	56240	10.03	56508.90	56512.83594	56558.88221	56608.57422	504771.3	5411058.7
L4770.0	504771.2	5411057.1	35800.30078	360.56	0	48.852464	-86.934960	56499.33	56240	10.03	56509.36	56513.34766	56566.18947	56616.17188	504771.2	5411057.1
L4770.0	504771.2	5411057.1	35800.39844	361.22	0	48.852464	-86.934960	56499.68	56240	10.03	56509.71	56513.74609	56571.15641	56621.42188	504771.2	5411057.1
L4770.0	504771.2	5411055.0	35800.50000	361.24	0	48.852445	-86.934960	56499.73	56240	10.03	56509.76	56513.83984	56569.29023	56619.82422	504771.2	5411055.0
L4770.0	504771.2	5411055.0	35800.60156	361.30	0	48.852445	-86.934960	56499.94	56240	10.03	56509.97	56514.08984	56571.46140	56622.25000	504771.2	5411055.0
L4770.0	504771.2	5411053.7	35800.69922	361.60	0	48.852433	-86.934960	56499.31	56240	10.03	56509.33	56513.48438	56553.79226	56604.82031	504771.2	5411053.7
L4770.0	504771.2	5411052.1	35800.80078	360.21	0	48.852419	-86.934960	56499.76	56240	10.03	56509.79	56513.97656	56562.37105	56613.62500	504771.2	5411052.1
L4770.0	504771.2	5411052.1	35800.89844	360.45	0	48.852419	-86.934960	56499.45	56240	10.03	56509.48	56513.69531	56552.98978	56604.45703	504771.2	5411052.1
L4770.0	504771.2	5411050.2	35801.00000	359.59	0	48.852402	-86.934960	56500.38	56240	10.03	56510.40	56514.63672	56572.91654	56624.58203	504771.2	5411050.2
L4770.0	504771.2	5411048.9	35801.00000	357.81	0	48.852390	-86.934960	56500.32	56240	10.03	56510.35	56514.60547	56570.14098	56621.99219	504771.2	5411048.9
L4770.0	504771.2	5411047.3	35801.10156	355.99	0	48.852376	-86.934960	56500.56	56240	10.03	56510.58	56514.85156	56574.20114	56626.21875	504771.2	5411047.3
L4770.0	504771.2	5411047.3	35801.30078	355.75	0	48.852376	-86.934960	56500.40	56240	10.02	56510.42	56514.69922	56569.25013	56621.42188	504771.2	5411047.3
L4770.0	504771.3	5411045.5	35801.39844	355.13	0	48.852359	-86.934960	56500.45	56240	10.02	56510.47	56514.75391	56569.45979	56621.77344	504771.3	5411045.5
L4770.0	504771.3	5411044.4	35801.50000	356.76	0	48.852349	-86.934960	56500.27	56240	10.01	56510.28	56514.56641	56564.18171	56616.62109	504771.3	5411044.4
L4770.0	504771.3	5411044.4	35801.60156	360.16	0	48.852349	-86.934960	56500.25	56240	10.01	56510.26	56514.54297	56563.09489	56615.64063	504771.3	5411044.4
L4770.0	504771.3	5411042.7	35801.69922	360.63	0	48.852334	-86.934959	56500.83	56240	10.01	56510.84	56515.11328	56576.35027	56628.99219	504771.3	5411042.7
L4770.0	504771.3	5411041.2	35801.80078	359.22	0	48.852320	-86.934959	56500.61	56240	10.01	56510.61	56514.86719	56570.60505	56623.32422	504771.3	5411041.2
L4770.0	504771.3	5411041.2	35801.89844	356.73	0	48.852320	-86.934959	56501.06	56240	10.00	56511.07	56515.30859	56581.30080	56634.08203	504771.3	5411041.2
L4770.0	504771.3	5411039.5	35802.00000	358.26	0	48.852305	-86.934959	56500.20	56240	10.00	56510.20	56514.41797	56560.67442	56613.50391	504771.3	5411039.5
L4770.0	504771.3	5411038.1	35802.10156	358.38	0	48.852293	-86.934959	56500.47	56240	10.00	56510.47	56514.65625	56567.09450	56619.95313	504771.3	5411038.1
L4770.0	504771.3	5411038.1	35802.19922	358.47	0	48.852293	-86.934959	56500.14	56240	9.99	56510.14	56514.29297	56559.41518	56612.28516	504771.3	5411038.1
L4770.0	504771.3	5411036.5	35802.30078	359.05	0	48.852278	-86.934959	56500.66	56240	9.99	56510.64	56514.75391	56571.42087	56624.28906	504771.3	5411036.5
L4770.0	504771.3	5411035.0	35802.39844	358.10	0	48.852265	-86.934959	56500.02	56240	9.98	56510.00	56514.07031	56556.52802	56609.37500	504771.3	5411035.0
L4770.0	504771.3	5411033.5	35802.50000	355.96	0	48.852251	-86.934959	56499.79	56240	9.98	56509.76	56513.78125	56551.12015	56603.93359	504771.3	5411033.5
L4770.0	504771.3	5411033.5	35802.60156	355.89	0	48.852251	-86.934959	56499.35	56240	9.98	56509.33	56513.29688	56541.23252	56593.99219	504771.3	5411033.5
L4770.0	504771.3	5411031.9	35802.69922	356.82	0	48.852237	-86.934959	56498.89	56240	9.97	56508.87	56512.77734	56530.62810	56583.31641	504771.3	5411031.9
L4770.0	504771.3	5411030.6	35802.80078	356.15	0	48.852225	-86.934959	56498.96	56240	9.97	56508.93	56512.77344	56532.28813	56584.88672	504771.3	5411030.6
L4770.0	504771.3	5411030.6	35802.89844	356.94	0	48.852225	-86.934959	56498.64	56240	9.96	56508.61	56512.37891	56524.91921	56577.41016	504771.3	5411030.6
L4770.0	504771.3	5411029.0	35803.00000	356.56	0	48.852210	-86.934959	56498.69	56240	9.96	56508.65	56512.34375	56525.99314	56578.36328	504771.3	5411029.0
L4770.0	504771.3	5411027.4	35803.00000	356.84	0	48.852196	-86.934959	56498.38	56240	9.96	56508.34	56511.94922	56518.70718	56570.93359	504771.3	5411027.4
L4770.0	504771.3	5411026.3	35803.10156	357.66	0	48.852186	-86.934960	56498.82	56240	9.96	56508.77	56512.29297	56528.80588	56580.87109	504771.3	5411026.3
L4770.0	504771.3	5411026.3	35803.30078	357.61	0	48.852186	-86.934960	56498.54	56240	9.95	56508.49	56511.91797	56521.99446	56573.88281	504771.3	5411026.3
L4770.0	504771.3	5411024.7	35803.39844	356.71	0	48.852172	-86.934960	56498.18	56240	9.95	56508.13	56511.45703	56513.14403	56564.83594	504771.3	5411024.7
L4770.0	504771.3	5411024.7	35803.50000	359.15	0	48.852172	-86.934960	56497.87	56240.1	9.95	56507.82	56511.04297	56505.30695	56556.78516	504771.3	5411024.7
L4770.0	504771.3	5411023.1	35803.60156	360.75	0	48.852158	-86.934960	56497.72	56240.1	9.95	56507.67	56510.78125	56501.06281	56552.30469	504771.3	5411023.1
L4770.0	504771.3	5411021.3	35803.69922	359.68	0	48.852141	-86.934960	56497.92	56240.1	9.95	56507.87	56510.85938	56504.88226	56555.87109	504771.3	5411021.3
L4770.0	504771.3	5411020.2	35803.80078	358.91	0	48.852131	-86.934960	56497.67	56240.1	9.94	56507.61	56510.47656	56497.59858	56548.31250	504771.3	5411020.2
L4770.0	504771.3	5411020.2	35803.89844	359.03	0	48.852131	-86.934960	56497.64	56240.1	9.94	56507.59	56510.32422	56495.73777	56546.16016	504771.3	5411020.2
L4770.0	504771.3	5411018.5	35804.00000	357.79	0	48.852117	-86.934960	56497.14	56240.1	9.94	56507.08	56509.67969	56482.02443	56532.13672	504771.3	5411018.5
L4770.0	504771.3	5411018.5	35804.10156	357.70	0	48.852117	-86.934960	56497.14	56240.1	9.94	56507.08	56509.53516	56480.07619	56529.85938	504771.3	5411018.5
L4770.0	504771.3	5411017.0	35804.19922	358.09	0	48.852103	-86.934960	56496.82	56240.1	9.94	56506.76	56509.06250	56470.25436	56519.68750	504771.3	5411017.0
L4770.0	504771.3	5411015.4	35804.30078	357.76	0	48.852088	-86.934960	56497.11	56240.1	9.94	56507.05	56509.19922	56474.52252	56523.58203	504771.3	5411015.4
L4770.0	504771.3	5411014.0	35804.39844	356.48	0	48.852076	-86.934960	56496.98	56240.1	9.94	56506.92	56508.90234	56468.51511	56517.18750	504771.3	5411014.0
L4770.0	504771.3	5411014.0	35804.50000	357.97	0	48.852076	-86.934960	56497.11	56240.1	9.94	56507.05	56508.86328	56468.28701	56516.55078	504771.3	5411014.0
L4770.0	504771.3	5411012.5	35804.60156	359.65	0	48.852062	-86.934960	56497.08	56240.1	9.94	56507.02	56508.65625	56463.89228	56511.72656	504771.3	5411012.5
L4770.0	504771.3	5411011.0	35804.69922	360.44	0	48.852049	-86.934960	56496.95	56240.1	9.94	56506.89	56508.34375	56456.73141	56504.11328	504771.3	5411011.0
L4770.0	504771.3	5411009.2	35804.80078	359.00	0	48.852033	-86.934960	56496.90	56240.1	9.94	56506.84	56508.10156	56451.04181	56497.95313	504771.3	5411009.2
L4770.0	504771.3	5411009.2	35804.89844	358.59	0	48.852033	-86.934960	56496.72	56240.1	9.94	56506.66	56507.72656	56441.84280	56488.26172	504771.3	5411009.2
L4770.0	504771.3	5411007.5	35805.00000	357.85	0	48.852017	-86.934960	56496.98	56240.1	9.94	56506.92	56507.78125	56442.59144	56488.50000	504771.3	5411007.5
L4770.0	504771.3	5411007.5	35805.00000	357.51	0	48.852017	-86.934960	56496.98	56240.1	9.94	56506.92	56507.57031	56436.72571	56482.10156	504771.3	5411007.5
L4770.0	504771.3	5411005.3	35805.10156	358.10	0	48.851998	-86.934960	56497.39	56240.1	9.94	56507.32	56507.75391	56439.83115	56484.65234	504771.3	5411005.3
L4770.0	504771.3	5411003.9	35805.30078	358.37	0	48.851985	-86.934960	56497.44	56240.1	9.93	56507.36	56507.56641	56433.92866	56478.17578	504771.3	5411003.9
L4770.0	504771.3	5411003.9	35805.39844	359.24	0	48.851985	-86.934960	56497.72	56240.1	9.92	56507.64	56507.61328	56433.18672	56476.83984	504771.3	5411003.9
L4770.0	504771.3	5411002.6	35805.50000	359.61	0	48.851973	-86.934960	56497.80	56240.1	9.92	56507.71	56507.44531	56426.95509	56469.99609	504771.3	5411002.6
L4770.0	504771.3	5411001.1	35805.60156	359.77	0	48.851960	-86.934960	56498.05	56240.1	9.91	56507.96	56507.44922	56424.43966	56466.84375	504771.3	5411001.1
L4770.0	504771.3	5411001.1	35805.69922	358.44	0	48.851960	-86.934960	56498.54	56240.1	9.90	56508.44	56507.67578	56426.81025	56468.55469	504771.3	5411001.1
L4770.0	504771.3	5410998.9	35805.80078	356.87	0	48.851940	-86.934960	56498.71	56240.1	9.90	56508.61	56507.58203	56421.29123	56462.35547	504771.3	5410998.9
L4770.0	504771.3	5410997.8	35805.89844	357.67	0	48.851930	-86.934960	56499.25	56240.1	9.89	56509.14	56507.84375	56423.70902	56464.07813	504771.3	5410997.8
L4770.0	504771.3	5410996.4	35806.00000	358.62	0	48.851917	-86.934960	56499.50	56240.1	9.89	56509.39	56507.81641	56418.92567	56458.57422	504771.3	5410996.4
L4770.0	504771.3	5410995.1	35806.00000	357.78	0	48.851906	-86.934960	56500.25	56240.1	9.89	56510.14	56508.28516	56425.36914	56464.27734	504771.3	5410995.1
L4770.0	504771.3	5410995.1	35806.19922	356.95	0	48.851906	-86.934960	56500.40	56240.1	9.89	56510.29	56508.14453	56417.02966	56455.17578	504771.3	5410995.1
L4770.0	504771.3	5410993.6	35806.30078	355.60	0	48.851892	-86.934960	56501.42	56240.1	9.89	56511.31	56508.86719	56428.64654	56466.00781	504771.3	5410993.6
L4770.0	504771.3	5410993.6	35806.39844	355.83	0	48.851892	-86.934960	56501.80	56240.1	9.89	56511.70	56508.95313	56424.75648	56461.31641	504771.3	5410993.6
L4770.0	504771.3	5410991.9	35806.50000	355.63	0	48.851877	-86.934960	56502.44	56240.1	9.89	56512.34	56509.27734	56426.15416	56461.89063	504771.3	5410991.9
L4770.0	504771.3	5410990.4	35806.60156	356.57	0	48.851864	-86.934960	56503.20	56240.1	9.90	56513.10	56509.71875	56429.76114	56464.65234	504771.3	5410990.4
L4770.0	504771.3	5410989.1	35806.69922	356.06	0	48.851852	-86.934960	56504.00	56240.1	9.90	56513.89	56510.17969	56433.44522	56467.46875	504771.3	5410989.1
L4770.0	504771.3	5410987.8	35806.80078	357.18	0	48.851840	-86.934960	56504.51	56240.1	9.90	56514.41	56510.36719	56430.11112	56463.24609	504771.3	5410987.8

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4770.0	504771.3	5410987.8	35806.89844	357.90	0	48.851840	-86.934960	56504.79	56240.1	9.90	56514.68	56510.29297	56420.22826	56452.45703	504771.3	5410987.8
L4770.0	504771.3	5410986.1	35807.00000	357.92	0	48.851825	-86.934960	56505.86	56240.1	9.90	56515.76	56511.02344	56428.84983	56460.15234	504771.3	5410986.1
L4770.0	504771.3	5410984.5	35807.00000	358.37	0	48.851810	-86.934960	56506.93	56240.1	9.90	56516.83	56511.73828	56436.59127	56466.94531	504771.3	5410984.5
L4770.0	504771.3	5410984.5	35807.10156	360.12	0	48.851810	-86.934960	56508.11	56240.1	9.90	56518.01	56512.55469	56446.28804	56475.67188	504771.3	5410984.5
L4770.0	504771.3	5410982.9	35807.30078	359.50	0	48.851796	-86.934960	56509.23	56240.1	9.90	56519.13	56513.30078	56453.92144	56482.32031	504771.3	5410982.9
L4770.0	504771.3	5410981.3	35807.39844	360.89	0	48.851782	-86.934959	56510.25	56240.1	9.90	56520.15	56513.94531	56458.54638	56485.93750	504771.3	5410981.3
L4770.0	504771.3	5410981.3	35807.50000	364.66	0	48.851782	-86.934959	56510.91	56240.1	9.90	56520.81	56514.21875	56454.01827	56480.38281	504771.3	5410981.3
L4770.0	504771.3	5410979.7	35807.60156	361.81	0	48.851767	-86.934959	56511.48	56240.1	9.90	56521.38	56514.39453	56446.72109	56472.03516	504771.3	5410979.7
L4770.0	504771.3	5410978.3	35807.69922	360.17	0	48.851755	-86.934959	56512.70	56240.1	9.90	56522.60	56515.21484	56454.14915	56478.39844	504771.3	5410978.3
L4770.0	504771.3	5410976.9	35807.80078	360.56	0	48.851742	-86.934959	56514.11	56240.1	9.90	56524.01	56516.21875	56465.43250	56488.59375	504771.3	5410976.9
L4770.0	504771.3	5410975.5	35807.89844	362.54	0	48.851729	-86.934959	56515.84	56240.1	9.90	56525.74	56517.53125	56483.64798	56505.70313	504771.3	5410975.5
L4770.0	504771.3	5410975.5	35808.00000	361.98	0	48.851729	-86.934959	56517.14	56240.1	9.90	56527.04	56518.41016	56491.07212	56512.00391	504771.3	5410975.5
L4770.0	504771.3	5410973.9	35808.10156	361.08	0	48.851715	-86.934959	56518.44	56240.1	9.90	56528.33	56519.27344	56497.63800	56517.42969	504771.3	5410973.9
L4770.0	504771.3	5410973.9	35808.19922	361.55	0	48.851715	-86.934959	56519.52	56240.1	9.89	56529.41	56519.91797	56498.62411	56517.25000	504771.3	5410973.9
L4770.0	504771.3	5410972.0	35808.30078	361.44	0	48.851698	-86.934960	56520.66	56240.1	9.89	56530.55	56520.61719	56500.41917	56517.86719	504771.3	5410972.0
L4770.0	504771.3	5410971.0	35808.39844	359.35	0	48.851689	-86.934960	56521.91	56240.1	9.88	56531.79	56521.40625	56503.97595	56520.22656	504771.3	5410971.0
L4770.0	504771.3	5410969.6	35808.50000	358.52	0	48.851676	-86.934960	56523.24	56240.1	9.88	56533.11	56522.27344	56508.82957	56523.86719	504771.3	5410969.6
L4770.0	504771.3	5410969.6	35808.60156	358.66	0	48.851676	-86.934960	56524.82	56240.1	9.87	56534.69	56523.39063	56519.24323	56533.04688	504771.3	5410969.6
L4770.0	504771.3	5410968.2	35808.69922	356.87	0	48.851664	-86.934960	56525.97	56240.1	9.86	56535.83	56524.06250	56518.67976	56531.23047	504771.3	5410968.2
L4770.0	504771.3	5410966.7	35808.80078	357.54	0	48.851650	-86.934960	56527.84	56240.1	9.86	56537.70	56525.45703	56534.80462	56546.08984	504771.3	5410966.7
L4770.0	504771.3	5410965.3	35808.89844	356.36	0	48.851638	-86.934960	56529.06	56240.1	9.85	56538.91	56526.18750	56534.77189	56544.77344	504771.3	5410965.3
L4770.0	504771.3	5410965.3	35809.00000	355.68	0	48.851638	-86.934960	56530.66	56240.2	9.85	56540.51	56527.30078	56543.41164	56552.11328	504771.3	5410965.3
L4770.0	504771.3	5410963.7	35809.00000	355.04	0	48.851623	-86.934960	56531.82	56240.2	9.85	56541.67	56527.96875	56541.11596	56548.50391	504771.3	5410963.7
L4770.0	504771.3	5410961.8	35809.10156	355.70	0	48.851607	-86.934960	56533.63	56240.1	9.85	56543.48	56529.27734	56553.66145	56559.71484	504771.3	5410961.8
L4770.0	504771.3	5410961.8	35809.19922	354.60	0	48.851607	-86.934960	56535.11	56240.1	9.86	56544.96	56530.25391	56557.89557	56562.60156	504771.3	5410961.8
L4770.0	504771.3	5410960.7	35809.30078	356.04	0	48.851596	-86.934960	56536.59	56240.1	9.86	56546.45	56531.23438	56561.86774	56565.21094	504771.3	5410960.7
L4770.0	504771.3	5410959.4	35809.39844	356.26	0	48.851584	-86.934960	56538.12	56240.1	9.86	56547.98	56532.24609	56566.30018	56568.26953	504771.3	5410959.4
L4770.0	504771.3	5410959.4	35809.50000	356.60	0	48.851584	-86.934960	56539.49	56240.1	9.86	56549.36	56533.10547	56566.71531	56567.29297	504771.3	5410959.4
L4770.0	504771.3	5410957.6	35809.60156	357.75	0	48.851568	-86.934960	56540.90	56240.1	9.87	56550.77	56533.98828	56567.38182	56566.55078	504771.3	5410957.6
L4770.0	504771.3	5410955.8	35809.69922	357.94	0	48.851552	-86.934960	56542.31	56240.1	9.87	56552.18	56534.86719	56567.60491	56565.35547	504771.3	5410955.8
L4770.0	504771.3	5410955.8	35809.80078	356.77	0	48.851552	-86.934960	56544.22	56240.1	9.87	56554.09	56536.24219	56579.21802	56575.53906	504771.3	5410955.8
L4770.0	504771.3	5410954.5	35809.89844	357.74	0	48.851540	-86.934960	56546.03	56240.1	9.88	56555.91	56537.51953	56588.29006	56583.16797	504771.3	5410954.5
L4770.0	504771.3	5410953.4	35810.00000	358.27	0	48.851530	-86.934960	56548.04	56240.1	9.88	56557.92	56538.98047	56601.45490	56594.87500	504771.3	5410953.4
L4770.0	504771.3	5410951.8	35810.10156	357.35	0	48.851516	-86.934960	56549.32	56240.1	9.88	56559.20	56539.71094	56596.98173	56588.92969	504771.3	5410951.8
L4770.0	504771.3	5410950.2	35810.19922	358.01	0	48.851502	-86.934960	56550.90	56240.1	9.88	56560.78	56540.73438	56599.23311	56589.69922	504771.3	5410950.2
L4770.0	504771.3	5410950.2	35810.39844	359.76	0	48.851502	-86.934960	56552.59	56240.1	9.88	56562.47	56541.86328	56603.73415	56592.71094	504771.3	5410950.2
L4770.0	504771.3	5410948.8	35810.50000	359.15	0	48.851489	-86.934960	56554.22	56240.1	9.88	56564.09	56542.92188	56606.24658	56593.72266	504771.3	5410948.8
L4770.0	504771.3	5410948.8	35810.60156	358.48	0	48.851489	-86.934960	56556.11	56240.1	9.87	56565.98	56544.24219	56614.82383	56600.78516	504771.3	5410948.8
L4770.0	504771.3	5410947.0	35810.69922	358.16	0	48.851473	-86.934960	56557.36	56240.1	9.87	56567.23	56544.92188	56607.97271	56592.41016	504771.3	5410947.0
L4770.0	504771.3	5410945.9	35810.80078	359.22	0	48.851463	-86.934960	56559.07	56240.1	9.87	56568.95	56546.06641	56611.94790	56594.85156	504771.3	5410945.9
L4770.0	504771.3	5410945.9	35810.89844	358.09	0	48.851463	-86.934960	56559.91	56240.1	9.87	56569.78	56546.31641	56594.61969	56575.98438	504771.3	5410945.9
L4770.0	504771.3	5410942.7	35811.00000	359.75	0	48.851434	-86.934960	56561.85	56240.1	9.87	56571.72	56547.67578	56603.28044	56583.09766	504771.3	5410942.7
L4770.0	504771.3	5410942.7	35811.00000	360.80	0	48.851434	-86.934960	56563.48	56240.1	9.87	56573.35	56548.72266	56604.38246	56582.64063	504771.3	5410942.7
L4770.0	504771.3	5410941.1	35811.10156	359.57	0	48.851420	-86.934960	56565.61	56240.1	9.87	56575.47	56550.25391	56616.85336	56593.54297	504771.3	5410941.1
L4770.0	504771.3	5410939.8	35811.30078	360.02	0	48.851408	-86.934960	56567.06	56240.1	9.86	56576.92	56551.11328	56613.29138	56588.41016	504771.3	5410939.8
L4770.0	504771.3	5410938.6	35811.39844	360.98	0	48.851398	-86.934960	56568.87	56240.1	9.86	56578.73	56552.33203	56618.06093	56591.60156	504771.3	5410938.6
L4770.0	504771.3	5410938.6	35811.50000	360.78	0	48.851398	-86.934960	56570.42	56240.1	9.85	56580.28	56553.28516	56616.52459	56588.48047	504771.3	5410938.6
L4770.0	504771.3	5410937.0	35811.60156	359.78	0	48.851383	-86.934960	56571.96	56240.1	9.85	56581.81	56554.21875	56614.37323	56584.73828	504771.3	5410937.0
L4770.0	504771.4	5410935.6	35811.69922	358.31	0	48.851371	-86.934960	56573.90	56240.2	9.85	56583.75	56555.55859	56621.78885	56590.55859	504771.4	5410935.6
L4770.0	504771.4	5410934.3	35811.80078	357.11	0	48.851359	-86.934959	56575.38	56240.2	9.85	56585.22	56556.42969	56617.98832	56585.15625	504771.4	5410934.3
L4770.0	504771.4	5410934.3	35811.89844	356.98	0	48.851359	-86.934959	56577.45	56240.2	9.84	56587.29	56557.89844	56628.28161	56593.84766	504771.4	5410934.3
L4770.0	504771.4	5410932.9	35812.00000	355.93	0	48.851346	-86.934959	56578.78	56240.2	9.84	56588.62	56558.62500	56621.01228	56584.97266	504771.4	5410932.9
L4770.0	504771.4	5410931.1	35812.10156	356.43	0	48.851330	-86.934959	56580.56	56240.2	9.84	56590.40	56559.80078	56624.32669	56586.67578	504771.4	5410931.1
L4770.0	504771.4	5410931.1	35812.19922	355.71	0	48.851330	-86.934959	56582.43	56240.2	9.85	56592.27	56561.06641	56629.73302	56590.46875	504771.4	5410931.1
L4770.0	504771.4	5410929.8	35812.30078	354.72	0	48.851318	-86.934959	56584.48	56240.1	9.85	56594.34	56562.53125	56639.84896	56598.96875	504771.4	5410929.8
L4770.0	504771.4	5410928.2	35812.39844	354.20	0	48.851304	-86.934959	56585.92	56240.1	9.86	56595.77	56563.35547	56634.83650	56592.33984	504771.4	5410928.2
L4770.0	504771.4	5410928.2	35812.50000	355.68	0	48.851304	-86.934959	56587.25	56240.1	9.86	56597.11	56564.08594	56627.71361	56583.60156	504771.4	5410928.2
L4770.0	504771.4	5410926.8	35812.60156	355.59	0	48.851291	-86.934959	56588.70	56240.1	9.86	56598.56	56564.93359	56623.22499	56577.49609	504771.4	5410926.8
L4770.0	504771.4	5410925.4	35812.69922	356.05	0	48.851279	-86.934959	56590.28	56240.1	9.87	56600.14	56565.90625	56621.86046	56574.51563	504771.4	5410925.4
L4770.0	504771.4	5410923.8	35812.80078	356.89	0	48.851265	-86.934959	56592.40	56240.1	9.87	56602.27	56567.42969	56633.56467	56584.60156	504771.4	5410923.8
L4770.0	504771.4	5410923.8	35812.89844	357.34	0	48.851265	-86.934959	56594.19	56240.1	9.88	56604.06	56568.61719	56637.31698	56586.74219	504771.4	5410923.8
L4770.0	504771.4	5410922.1	35813.00000	359.04	0	48.851249	-86.934960	56596.13	56240.1	9.88	56606.01	56569.96484	56644.95267	56592.76563	504771.4	5410922.1
L4770.0	504771.4	5410922.1	35813.00000	359.69	0	48.851249	-86.934960	56597.68	56240.1	9.88	56607.56	56570.91016	56643.25110	56589.45313	504771.4	5410922.1
L4770.0	504771.4	5410920.7	35813.10156	359.59	0	48.851236	-86.934960	56599.66	56240.1	9.88	56609.53	56572.28125	56651.61112	56596.20703	504771.4	5410920.7
L4770.0	504771.4	5410919.1	35813.30078	358.22	0	48.851222	-86.934960	56601.13	56240.1	9.87	56611.00	56573.15234	56648.30218	56591.29297	504771.4	5410919.1
L4770.0	504771.4	5410919.1	35813.39844	358.30	0	48.851222	-86.934960	56602.76	56240.1	9.87	56612.63	56574.18750	56648.94070	56590.33594	504771.4	5410919.1
L4770.0	504771.3	5410916.8	35813.50000	358.31	0	48.851201	-86.934960	56604.50	56240.1	9.87	56614.37	56575.33203	56652.36027	56592.16016	504771.3	5410916.8
L4770.0	504771.3	5410915.6	35813.60156	358.82	0	48.851191	-86.934960	56606.57	56240.1	9.87	56616.43	56576.79688	56663.53997	56601.75391	504771.3	5410915.6
L4770.0	504771.3	5410915.6	35813.69922	358.66	0	48.851191	-86.934960	56608.48	56240.1	9.87	56618.34	56578.11719	56671.38516	56608.01563	504771.3	5410915.6
L4770.0	504771.3	5410913.8	35813.80078	356.42	0	48.851175	-86.934960	56609.98	56240.1	9.86	56619.84	56579.03125	56669.76481	56604.81641	504771.3	5410913.8
L4770.0	504771.3	5410912.2	35813.89844	356.82	0	48.851160	-86.934960	56611.72	56240.1	9.86	56621.58	56580.18750	56674.05775	56607.54297	504771.3	5410912.2
L4770.0	504771.3	5410912.2	35814.00000	354.82	0	48.851160	-86.934960	56613.36	56240.1	9.86	56623.22	56581.24609	56676.24144	56608.16797	504771.3	5410912.2
L4770.0	504771.3	5410910.2	35814.10156	354.61	0	48.851142	-86.934960	56615.29	56240.1	9.86	56625.15	56582.60156	56685.54843	56615.92188	504771.3	5410910.2
L4770.0	504771.3	5410909.0	35814.19922	353.97	0	48.851131	-86.934960	56616.92	56240.1	9.86	56626.78	56583.65625	56688.04630	56616.87500	504771.3	5410909.0
L4770.0	504771.3	5410909.0	35814.30078	355.42	0	48.851131	-86.934960	56618.76	56240.1	9.86	56628.62	56584.92969	56695.80358	56623.09766	504771.3	5410909.0
L4770.0	504771.3	5410907.6	35814.39844	354.97	0	48.851118	-86.934960	56620.61	56240.1	9.86	56630.47	56586.21094	56704.10593	56629.87891	504771.3	5410907.6
L4770.0	504771.3	5410905.6	35814.50000	355.69	0	48.851101	-86.934960	56622.67	56240.1	9.86	56632.53	56587.71094	56717.69374	56641.95313	504771.3	5410905.6
L4770.0	504771.3	5410905.6	35814.60156	356.70	0	48.851101	-86.934960	56624.33	56240.1	9.86	56634.19	56588.81641	56722.16077	56644.91797	504771.3	5410905.6
L4770.0	504771.3	5410903.6	35814.69922	357.49	0	48.851083	-86.934960	56626.16	56240.1	9.86	56636.02	56590.09375	56730.99279	56652.25781	504771.3	5410903.6
L4770.0	504771.3	5410903.6	35814.80078	357.11	0	48.851083	-86.934960	56628.08	56240.1	9.86	56637.94	56591.46875	56742.31090	56662.09766	504771.3	5410903.6
L4770.0	504771.3	5410902.2	35814.89844	359.01	0	48.851070	-86.934961	56629.97	56240.1	9.86	56639.83	56592.81641	56753.29051	56671.61719	504771.3	5410902.2
L4770.0	504771.3	5410900.5	35815.00000	358.76	0	48.851055	-86.934961	56631.70	56240.1	9.86	56641.56	56594.01172	56760.87038	56677.74609	504771.3	5410900.5
L4770.0	504771.3	5410899.3	35815.00000	358.30	0	48.851044	-86.934961	56633.43	56240.1	9.86	56643.29	56595.21094	56768.84392	56684.28125	504771.3	5410899.3
L4770.0	504771.3	5410899.3	35815.19922	359.10	0	48.851044	-86.934961	56635.10	56240.1	9.86	56644.96	56596.35938	56775.80406	56689.81641	504771.3	5410899.3
L4770.0	504771.3	5410897.7	35815.30078	357.99	0	48.851029	-86.934961	56636.86	56240.1	9.87	56646.72	56597.60156	56785.30739	56697.91406	504771.3	5410897.7
L4770.0	504771.3	5410896.4	35815.39844	357.25	0	48.851018	-86.934961	56638.56	56240.1	9.87	56648.43	56598.80078	56794.05543	56705.26953	504771.3	5410896.4
L4770.0	504771.3	5410894.7	35815.50000	359.25	0	48.851003	-86.934961	56640.32	56240.1	9.87	56650.19	56600.05469	56804.42249	56714.26563	504771.3	5410894.7
L4770.0	504771.3	5410894.7	35815.60156	358.11	0	48.851003	-86.934961	56641.96	56240.1	9.87	56651.83	56601.19531	56812.40057	56720.88281	504771.3	5410894.7
L4770.0	504771.3	5410893.4	35815.69922	358.64	0	48.850990	-86.934961	56643.65	56240.1	9.87	56653.52	56602.39453	56822.01823	56729.16016	504771.3	5410893.4
L4770.0	504771.3	5410892.0	35815.80078	358.53	0	48.850979	-86.934962	56645.43	56240.1	9.88	56655.31	56603.70313	56834.46739	56740.28516	504771.3	5410892.0
L4770.0	504771.3	5410892.0	35815.89844	359.20	0	48.850979	-86.934962	56647.04	56240.1	9.88	56656.91	56604.82422	56842.90306	56747.41406	504771.3	5410892.0
L4770.0	504771.2	5410890.7	35816.00000	358.86	0	48.850966	-86.934962	56648.58	56240.1	9.88	56658.46	56605.90625	56850.64423	56753.87109	504771.2	5410890.7
L4770.0	504771.2	5410889.1	35816.00000	359.33	0	48.850952	-86.934962	56650.25	56240.1	9.88	56660.13	56607.11328	56861.71889	56763.67969	504771.2	5410889.1

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4770.0	504771.2	5410889.1	35816.19922	358.82	0	48.850952	-86.934962	56651.82	56240.1	9.88	56661.69	56608.22266	56870.69992	56771.41406	504771.2	5410889.1
L4770.0	504771.2	5410887.6	35816.30078	358.86	0	48.850939	-86.934962	56653.22	56240.1	9.88	56663.10	56609.18750	56876.65123	56776.13672	504771.2	5410887.6
L4770.0	504771.2	5410886.2	35816.39844	359.70	0	48.850926	-86.934962	56654.66	56240.1	9.88	56664.54	56610.18750	56883.83688	56782.11719	504771.2	5410886.2
L4770.0	504771.2	5410884.9	35816.50000	359.74	0	48.850914	-86.934962	56655.88	56240.1	9.88	56665.75	56610.96875	56886.12039	56783.21875	504771.2	5410884.9
L4770.0	504771.2	5410884.9	35816.60156	358.17	0	48.850914	-86.934962	56657.12	56240.1	9.87	56667.00	56611.80078	56889.89306	56785.83203	504771.2	5410884.9
L4770.0	504771.2	5410883.0	35816.69922	359.79	0	48.850898	-86.934962	56658.45	56240.1	9.87	56668.33	56612.71875	56896.10954	56790.90625	504771.2	5410883.0
L4770.0	504771.2	5410881.7	35816.80078	359.57	0	48.850885	-86.934962	56659.77	56240.1	9.87	56669.65	56613.63281	56902.65160	56796.32813	504771.2	5410881.7
L4770.0	504771.2	5410881.7	35816.89844	357.39	0	48.850885	-86.934962	56660.88	56240.1	9.87	56670.75	56614.33984	56904.56446	56797.14844	504771.2	5410881.7
L4770.0	504771.2	5410879.9	35817.00000	357.66	0	48.850869	-86.934962	56661.99	56240.1	9.87	56671.86	56615.06641	56907.29385	56798.80859	504771.2	5410879.9
L4770.0	504771.2	5410878.6	35817.00000	358.79	0	48.850858	-86.934962	56662.96	56240.1	9.87	56672.83	56615.66016	56907.30329	56797.77344	504771.2	5410878.6
L4770.0	504771.2	5410878.6	35817.10156	356.93	0	48.850858	-86.934962	56664.04	56240.1	9.87	56673.91	56616.37500	56910.51128	56799.95703	504771.2	5410878.6
L4770.0	504771.2	5410876.9	35817.30078	357.65	0	48.850843	-86.934962	56665.16	56240.1	9.87	56675.03	56617.13672	56915.27239	56803.71875	504771.2	5410876.9
L4770.0	504771.2	5410875.5	35817.39844	356.33	0	48.850830	-86.934962	56666.18	56240.1	9.87	56676.05	56617.81250	56918.28661	56805.76172	504771.2	5410875.5
L4770.0	504771.2	5410874.1	35817.50000	356.30	0	48.850817	-86.934962	56666.64	56240.1	9.87	56676.51	56617.93359	56908.69001	56795.21875	504771.2	5410874.1
L4770.0	504771.2	5410874.1	35817.60156	356.62	0	48.850817	-86.934962	56667.12	56240.1	9.87	56676.99	56618.08594	56900.20169	56785.81250	504771.2	5410874.1
L4770.0	504771.3	5410872.4	35817.69922	357.32	0	48.850802	-86.934962	56667.82	56240.1	9.87	56677.69	56618.46875	56897.55861	56782.26953	504771.3	5410872.4
L4770.0	504771.3	5410871.0	35817.80078	359.56	0	48.850789	-86.934962	56668.73	56240.1	9.87	56678.60	56619.07422	56900.53393	56784.37891	504771.3	5410871.0
L4770.0	504771.3	5410871.0	35817.89844	360.19	0	48.850789	-86.934962	56669.32	56240.1	9.87	56679.19	56619.36719	56896.60944	56779.61328	504771.3	5410871.0
L4770.0	504771.3	5410869.4	35818.00000	361.07	0	48.850775	-86.934962	56669.90	56240.1	9.87	56679.77	56619.66016	56893.12252	56775.31641	504771.3	5410869.4
L4770.0	504771.3	5410868.0	35818.10156	360.57	0	48.850763	-86.934962	56670.02	56240.1	9.87	56679.89	56619.50391	56879.44615	56760.85156	504771.3	5410868.0
L4770.0	504771.2	5410866.5	35818.19922	359.46	0	48.850749	-86.934962	56670.57	56240.1	9.87	56680.44	56619.78906	56876.62769	56757.27344	504771.2	5410866.5
L4770.0	504771.2	5410865.0	35818.30078	358.80	0	48.850736	-86.934962	56671.21	56240.1	9.87	56681.08	56620.17578	56876.64048	56756.55469	504771.2	5410865.0
L4770.0	504771.2	5410865.0	35818.39844	357.94	0	48.850736	-86.934962	56671.39	56240.1	9.87	56681.26	56620.11328	56866.49415	56745.70703	504771.2	5410865.0
L4770.0	504771.2	5410865.0	35818.50000	358.27	0	48.850736	-86.934962	56671.91	56240.1	9.87	56681.78	56620.39844	56865.10903	56743.65234	504771.2	5410865.0
L4770.0	504771.2	5410863.2	35818.60156	357.61	0	48.850719	-86.934962	56672.02	56240.1	9.87	56681.89	56620.28906	56854.76748	56732.66406	504771.2	5410863.2
L4770.0	504771.2	5410861.8	35818.69922	357.62	0	48.850706	-86.934962	56672.34	56240.1	9.87	56682.21	56620.39453	56850.13534	56727.41406	504771.2	5410861.8
L4770.0	504771.2	5410860.0	35818.80078	358.27	0	48.850690	-86.934962	56672.26	56240.1	9.87	56682.13	56620.11719	56836.80446	56713.49609	504771.2	5410860.0
L4770.0	504771.2	5410858.6	35818.89844	358.36	0	48.850678	-86.934962	56672.20	56240.1	9.87	56682.07	56619.86719	56824.71341	56700.85156	504771.2	5410858.6
L4770.0	504771.2	5410858.6	35819.00000	361.12	0	48.850678	-86.934962	56672.16	56240.1	9.87	56682.03	56619.64844	56813.87314	56689.48438	504771.2	5410858.6
L4770.0	504771.2	5410857.1	35819.00000	360.27	0	48.850664	-86.934963	56672.06	56240.1	9.87	56681.93	56619.38281	56802.40369	56677.51953	504771.2	5410857.1
L4770.0	504771.2	5410855.7	35819.10156	359.59	0	48.850652	-86.934963	56672.63	56240.1	9.87	56682.51	56619.80469	56807.80792	56682.45313	504771.2	5410855.7
L4770.0	504771.2	5410854.1	35819.30078	360.10	0	48.850637	-86.934963	56673.31	56240.1	9.88	56683.19	56620.33984	56816.38732	56690.59375	504771.2	5410854.1
L4770.0	504771.2	5410854.1	35819.39844	359.66	0	48.850637	-86.934963	56673.61	56240.1	9.88	56683.49	56620.50781	56816.80717	56690.60938	504771.2	5410854.1
L4770.0	504771.1	5410852.4	35819.50000	358.82	0	48.850623	-86.934964	56673.42	56240.1	9.89	56683.31	56620.20703	56806.71506	56680.14063	504771.1	5410852.4
L4770.0	504771.1	5410851.1	35819.60156	357.65	0	48.850610	-86.934964	56672.82	56240.1	9.89	56682.71	56619.49609	56787.54063	56660.62109	504771.1	5410851.1
L4770.0	504771.1	5410851.1	35819.69922	358.78	0	48.850610	-86.934964	56673.09	56240.1	9.89	56682.98	56619.66406	56789.78762	56662.55078	504771.1	5410851.1
L4770.0	504771.1	5410849.7	35819.80078	359.06	0	48.850597	-86.934964	56672.77	56240.1	9.89	56682.66	56619.25781	56778.95672	56651.43359	504771.1	5410849.7
L4770.0	504771.1	5410848.3	35819.89844	359.31	0	48.850585	-86.934964	56672.82	56240.1	9.90	56682.72	56619.23828	56777.98768	56650.21094	504771.1	5410848.3
L4770.0	504771.1	5410848.3	35820.00000	356.69	0	48.850585	-86.934964	56673.17	56240.1	9.90	56683.07	56619.52344	56784.76449	56656.76563	504771.1	5410848.3
L4770.0	504771.1	5410846.7	35820.10156	355.96	0	48.850571	-86.934964	56673.67	56240.1	9.90	56683.57	56619.96875	56795.98919	56667.80078	504771.1	5410846.7
L4770.0	504771.1	5410845.3	35820.19922	355.27	0	48.850559	-86.934964	56674.14	56240.1	9.90	56684.04	56620.39453	56807.41826	56679.06250	504771.1	5410845.3
L4770.0	504771.1	5410844.0	35820.30078	355.65	0	48.850546	-86.934965	56673.71	56240.1	9.90	56683.60	56619.92188	56798.26182	56669.77734	504771.1	5410844.0
L4770.0	504771.1	5410844.0	35820.39844	357.68	0	48.850546	-86.934965	56673.53	56240.1	9.90	56683.42	56619.72266	56796.18671	56667.60156	504771.1	5410844.0
L4770.0	504771.1	5410842.4	35820.50000	358.24	0	48.850532	-86.934965	56673.59	56240.1	9.90	56683.48	56619.76953	56800.73099	56672.07813	504771.1	5410842.4
L4770.0	504771.1	5410841.1	35820.60156	359.92	0	48.850520	-86.934965	56673.98	56240.1	9.89	56683.88	56620.17188	56814.26904	56685.57813	504771.1	5410841.1
L4770.0	504771.1	5410841.1	35820.69922	358.55	0	48.850520	-86.934965	56674.04	56240.1	9.89	56683.93	56620.23438	56820.50140	56691.79688	504771.1	5410841.1
L4770.0	504771.1	5410839.2	35820.80078	357.92	0	48.850504	-86.934965	56674.09	56240.1	9.89	56683.98	56620.30859	56827.71136	56699.02734	504771.1	5410839.2
L4770.0	504771.1	5410837.4	35820.89844	357.81	0	48.850487	-86.934965	56674.14	56240.1	9.89	56684.03	56620.39063	56835.90879	56707.28125	504771.1	5410837.4
L4770.0	504771.1	5410836.0	35821.00000	356.07	0	48.850475	-86.934965	56674.40	56240.1	9.89	56684.29	56620.69531	56850.06714	56721.52344	504771.1	5410836.0
L4770.0	504771.1	5410836.0	35821.00000	355.41	0	48.850475	-86.934965	56673.98	56240.1	9.89	56683.87	56620.33203	56849.15826	56720.72656	504771.1	5410836.0
L4770.0	504771.1	5410834.5	35821.10156	355.60	0	48.850461	-86.934965	56673.54	56240.1	9.89	56683.43	56619.96094	56848.79176	56720.50000	504771.1	5410834.5
L4770.0	504771.1	5410834.5	35821.30078	357.66	0	48.850461	-86.934965	56673.22	56240.1	9.89	56683.11	56619.71484	56852.28530	56724.16406	504771.1	5410834.5
L4770.0	504771.1	5410832.8	35821.39844	360.24	0	48.850445	-86.934965	56673.16	56240.1	9.89	56683.05	56619.74609	56862.95614	56735.03906	504771.1	5410832.8
L4770.0	504771.1	5410831.5	35821.50000	359.12	0	48.850434	-86.934965	56672.98	56240.1	9.90	56682.88	56619.67188	56872.06593	56744.38281	504771.1	5410831.5
L4770.0	504771.1	5410830.2	35821.60156	357.50	0	48.850422	-86.934965	56673.02	56240.1	9.90	56682.92	56619.82031	56887.18565	56759.76172	504771.1	5410830.2
L4770.0	504771.1	5410829.0	35821.69922	357.61	0	48.850412	-86.934965	56673.04	56240.1	9.90	56682.94	56619.96094	56902.88516	56775.75000	504771.1	5410829.0
L4770.0	504771.1	5410829.0	35821.80078	357.71	0	48.850412	-86.934965	56672.52	56240.1	9.90	56682.41	56619.56250	56906.64246	56779.82422	504771.1	5410829.0
L4770.0	504771.1	5410827.3	35821.89844	355.70	0	48.850397	-86.934965	56671.97	56240.1	9.90	56681.87	56619.16016	56911.22708	56784.75781	504771.1	5410827.3
L4770.0	504771.1	5410825.5	35822.00000	356.88	0	48.850380	-86.934965	56671.28	56240.1	9.90	56681.18	56618.62109	56913.33438	56787.23828	504771.1	5410825.5
L4770.0	504771.0	5410824.6	35822.10156	358.12	0	48.850372	-86.934965	56670.95	56240.1	9.90	56680.85	56618.44922	56925.02343	56799.33203	504771.0	5410824.6
L4770.0	504771.0	5410824.6	35822.19922	357.98	0	48.850372	-86.934965	56670.50	56240.1	9.90	56680.40	56618.17188	56934.95149	56809.68750	504771.0	5410824.6
L4770.0	504771.1	5410822.5	35822.30078	356.90	0	48.850353	-86.934965	56669.78	56240.1	9.90	56679.68	56617.62891	56939.57544	56814.76953	504771.1	5410822.5
L4770.0	504771.1	5410822.5	35822.39844	356.31	0	48.850353	-86.934965	56668.86	56240.1	9.90	56678.75	56616.89063	56940.31527	56815.99609	504771.1	5410822.5
L4770.0	504771.1	5410821.4	35822.50000	356.60	0	48.850343	-86.934965	56668.27	56240.1	9.90	56678.17	56616.50781	56950.40891	56826.60547	504771.1	5410821.4
L4770.0	504771.1	5410819.8	35822.60156	358.08	0	48.850329	-86.934965	56667.58	56240.1	9.89	56677.47	56616.01563	56958.74686	56835.48047	504771.1	5410819.8
L4770.0	504771.1	5410817.9	35822.69922	358.59	0	48.850312	-86.934965	56666.59	56240.1	9.89	56676.48	56615.24219	56961.31002	56838.60547	504771.1	5410817.9
L4770.0	504771.1	5410817.9	35822.80078	359.32	0	48.850312	-86.934965	56665.31	56240.1	9.89	56675.21	56614.19922	56958.33316	56836.21875	504771.1	5410817.9
L4770.0	504771.1	5410816.7	35822.89844	358.68	0	48.850300	-86.934965	56664.53	56240.1	9.89	56674.42	56613.64453	56967.77828	56846.28125	504771.1	5410816.7
L4770.0	504771.1	5410815.1	35823.00000	358.15	0	48.850286	-86.934965	56663.48	56240.1	9.89	56673.37	56612.83984	56972.15022	56851.29688	504771.1	5410815.1
L4770.0	504771.1	5410815.1	35823.00000	358.04	0	48.850286	-86.934965	56662.17	56240.1	9.89	56672.06	56611.78125	56971.44463	56851.25391	504771.1	5410815.1
L4770.0	504771.1	5410813.3	35823.10156	357.38	0	48.850271	-86.934965	56660.70	56240.1	9.89	56670.59	56610.57422	56968.01995	56848.51953	504771.1	5410813.3
L4770.0	504771.1	5410812.1	35823.30078	358.67	0	48.850259	-86.934965	56659.41	56240.1	9.90	56669.31	56609.56641	56970.14302	56851.35547	504771.1	5410812.1
L4770.0	504771.1	5410810.6	35823.39844	357.78	0	48.850246	-86.934965	56657.91	56240.1	9.90	56667.81	56608.34375	56968.11523	56850.06641	504771.1	5410810.6
L4770.0	504771.1	5410810.6	35823.50000	356.82	0	48.850246	-86.934965	56656.45	56240.1	9.90	56666.35	56607.17188	56968.07405	56850.78516	504771.1	5410810.6
L4770.0	504771.1	5410808.9	35823.60156	358.95	0	48.850231	-86.934965	56654.80	56240.1	9.90	56664.70	56605.81641	56964.57361	56848.06641	504771.1	5410808.9
L4770.0	504771.1	5410807.3	35823.69922	359.10	0	48.850216	-86.934965	56652.64	56240.1	9.90	56662.54	56603.95703	56950.03965	56834.33203	504771.1	5410807.3
L4770.0	504771.1	5410807.3	35823.80078	359.49	0	48.850216	-86.934965	56651.02	56240.1	9.91	56660.93	56602.66016	56949.51662	56834.63672	504771.1	5410807.3
L4770.0	504771.1	5410805.4	35823.89844	359.93	0	48.850199	-86.934965	56649.03	56240.1	9.91	56658.94	56600.98828	56941.00935	56826.97656	504771.1	5410805.4
L4770.0	504771.1	5410803.8	35824.00000	358.89	0	48.850185	-86.934965	56647.18	56240.1	9.91	56657.09	56599.46094	56936.79602	56823.63281	504771.1	5410803.8
L4770.0	504771.1	5410803.8	35824.10156	357.56	0	48.850185	-86.934965	56645.31	56240.1	9.91	56655.21	56597.91406	56932.84392	56820.56641	504771.1	5410803.8
L4770.0	504771.1	5410802.7	35824.19922	359.07	0	48.850175	-86.934965	56643.26	56240.1	9.90	56653.16	56596.20313	56925.82846	56814.45703	504771.1	5410802.7
L4770.0	504771.1	5410801.4	35824.30078	358.21	0	48.850163	-86.934964	56641.09	56240.1	9.90	56650.98	56594.37109	56916.67879	56806.23438	504771.1	5410801.4
L4770.0	504771.1	5410800.2	35824.39844	358.90	0	48.850153	-86.934964	56638.81	56240.1	9.89	56648.70	56592.44531	56906.08669	56796.58594	504771.1	5410800.2
L4770.0	504771.1	5410798.9	35824.50000	359.66	0	48.850141	-86.934964	56636.73	56240.1	9.89	56646.61	56590.71484	56900.88873	56792.35156	504771.1	5410798.9
L4770.0	504771.1	5410798.9	35824.60156	359.85	0	48.850141	-86.934964	56634.38	56240.1	9.88	56644.26	56588.73047	56890.42874	56782.87109	504771.1	5410798.9
L4770.0	504771.2	5410797.2	35824.69922	360.06	0	48.850125	-86.934964	56632.12	56240.1	9.88	56641.99	56586.83203	56882.72324	56776.16016	504771.2	5410797.2
L4770.0	504771.2	5410795.9	35824.80078	360.03	0	48.850113	-86.934964	56629.69	56240.1	9.87	56639.56	56584.78125	56872.07808	56766.53125	504771.2	5410795.9
L4770.0	504771.2	5410795.9	35824.89844	359.18	0	48.850113	-86.934964	56627.11	56240.1	9.86	56636.97	56582.57813	56858.47120	56753.95313	504771.2	5410795.9
L4770.0	504771.2	5410793.8	35825.00000	359.89	0	48.850095	-86.934964	56624.62	56240.1	9.86	56634.48	56580.47656	56848.02540	56744.55469	504771.2	5410793.8
L4770.0	504771.2	5410792.5	35825.00000	360.73	0	48.850083	-86.934963	56622.23	56240.1	9.86	56632.09	56578.48438	56840.71690	56738.30469	504771.2	5410792.5
L4770.0	504771.2	5410792.5	35825.10156	359.85	0	48.850083	-86.934963	56619.88	56240.1	9.86	56629.74	56576.53516	56835.10282	56733.76172	504771.2	5410792.5
L4770.0	504771.2	5410791.0	35825.30078	360.17	0	48.850070	-86.934963	56617.21	56240.1	9.86	56627.07	56574.26953	56822.64828	56722.39453	504771.2	5410791.0
L4770.0	504771.2	5410789.6	35825.39844	358.88	0	48.850057	-86.934963	56614.42	56240.1	9.86	56624.29	56571.90234	56808.29097	56709.14063	504771.2	5410789.6

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4770.0	504771.2	5410789.6	35825.50000	358.93	0	48.850057	-86.934963	56611.74	56240.1	9.86	56621.61	56569.64063	56796.96789	56698.92969	504771.2	5410789.6
L4770.0	504771.2	5410787.8	35825.60156	357.13	0	48.850041	-86.934963	56608.89	56240.1	9.87	56618.75	56567.19922	56782.03298	56685.12109	504771.2	5410787.8
L4770.0	504771.2	5410786.5	35825.69922	357.68	0	48.850029	-86.934963	56606.03	56240.1	9.87	56615.89	56564.76563	56767.71278	56671.93750	504771.2	5410786.5
L4770.0	504771.2	5410784.7	35825.80078	358.22	0	48.850013	-86.934963	56603.38	56240.1	9.87	56613.24	56562.54688	56758.94234	56664.31250	504771.2	5410784.7
L4770.0	504771.2	5410784.7	35825.89844	358.16	0	48.850013	-86.934963	56600.64	56240.1	9.87	56610.51	56560.25000	56748.83744	56655.36719	504771.2	5410784.7
L4770.0	504771.2	5410783.1	35826.00000	358.12	0	48.849998	-86.934963	56597.91	56240.1	9.87	56607.78	56557.96094	56739.25919	56646.95703	504771.2	5410783.1
L4770.0	504771.2	5410783.1	35826.00000	357.63	0	48.849998	-86.934963	56594.49	56240.1	9.87	56604.36	56554.98047	56713.86738	56622.74219	504771.2	5410783.1
L4770.0	504771.2	5410781.7	35826.19922	359.55	0	48.849986	-86.934963	56591.94	56240.1	9.87	56601.81	56552.87891	56709.50571	56619.56250	504771.2	5410781.7
L4770.0	504771.2	5410779.7	35826.30078	358.93	0	48.849968	-86.934963	56588.83	56240.1	9.87	56598.70	56550.21875	56692.34145	56603.59375	504771.2	5410779.7
L4770.0	504771.2	5410778.5	35826.39844	358.92	0	48.849957	-86.934963	56585.92	56240.1	9.87	56595.78	56547.75000	56680.07125	56592.52344	504771.2	5410778.5
L4770.0	504771.2	5410778.5	35826.50000	359.62	0	48.849957	-86.934963	56583.06	56240.1	9.87	56592.92	56545.34766	56669.59051	56583.25391	504771.2	5410778.5
L4770.0	504771.2	5410776.7	35826.60156	358.79	0	48.849941	-86.934963	56580.48	56240.1	9.86	56590.34	56543.22656	56666.06752	56580.94141	504771.2	5410776.7
L4770.0	504771.2	5410776.7	35826.69922	358.40	0	48.849941	-86.934963	56577.60	56240.1	9.86	56587.46	56540.80859	56655.76044	56571.85547	504771.2	5410776.7
L4770.0	504771.2	5410775.3	35826.80078	357.07	0	48.849929	-86.934963	56574.51	56240.1	9.86	56584.37	56538.17969	56640.76440	56558.08594	504771.2	5410775.3
L4770.0	504771.2	5410773.7	35826.89844	357.11	0	48.849914	-86.934963	56571.91	56240.1	9.86	56581.77	56536.04688	56637.59335	56556.14453	504771.2	5410773.7
L4770.0	504771.2	5410772.4	35827.00000	355.54	0	48.849902	-86.934963	56568.79	56240.1	9.86	56578.65	56533.39844	56622.34113	56542.12500	504771.2	5410772.4
L4770.0	504771.2	5410772.4	35827.00000	354.40	0	48.849902	-86.934963	56566.06	56240.1	9.86	56575.92	56531.14063	56616.48559	56537.50781	504771.2	5410772.4
L4770.0	504771.2	5410770.8	35827.10156	353.69	0	48.849888	-86.934963	56563.06	56240.1	9.86	56572.92	56528.61328	56604.39384	56526.65625	504771.2	5410770.8
L4770.0	504771.2	5410769.4	35827.30078	355.49	0	48.849875	-86.934963	56560.57	56240.1	9.85	56570.42	56526.58984	56604.23472	56527.73828	504771.2	5410769.4
L4770.0	504771.2	5410769.4	35827.39844	356.54	0	48.849875	-86.934963	56557.39	56240.1	9.85	56567.24	56523.88672	56588.08419	56512.83594	504771.2	5410769.4
L4770.0	504771.3	5410767.9	35827.50000	356.15	0	48.849862	-86.934963	56554.86	56240.2	9.85	56564.71	56521.83203	56587.34854	56513.34766	504771.3	5410767.9
L4770.0	504771.3	5410766.6	35827.60156	358.59	0	48.849850	-86.934963	56552.08	56240.2	9.85	56561.93	56519.53516	56580.72278	56507.96875	504771.3	5410766.6
L4770.0	504771.3	5410765.0	35827.69922	358.46	0	48.849835	-86.934963	56549.09	56240.2	9.85	56558.94	56517.02344	56569.12150	56497.61328	504771.3	5410765.0
L4770.0	504771.3	5410765.0	35827.80078	360.06	0	48.849835	-86.934963	56545.88	56240.2	9.84	56555.72	56514.28906	56552.04145	56481.78125	504771.3	5410765.0
L4770.0	504771.3	5410763.4	35827.89844	358.52	0	48.849821	-86.934963	56543.12	56240.2	9.84	56552.96	56512.01172	56545.76243	56476.75000	504771.3	5410763.4
L4770.0	504771.3	5410761.8	35828.00000	359.67	0	48.849807	-86.934963	56540.57	56240.2	9.84	56550.41	56509.94531	56544.34552	56476.57813	504771.3	5410761.8
L4770.0	504771.3	5410761.8	35828.10156	359.07	0	48.849807	-86.934963	56537.86	56240.2	9.84	56547.70	56507.71875	56539.01581	56472.49219	504771.3	5410761.8
L4770.0	504771.3	5410760.4	35828.19922	359.54	0	48.849794	-86.934963	56535.36	56240.2	9.84	56545.20	56505.70703	56538.49073	56473.20703	504771.3	5410760.4
L4770.0	504771.3	5410758.6	35828.30078	358.94	0	48.849778	-86.934963	56532.50	56240.2	9.84	56542.34	56503.33203	56529.26911	56465.22656	504771.3	5410758.6
L4770.0	504771.3	5410758.6	35828.39844	357.27	0	48.849778	-86.934963	56529.88	56240.2	9.84	56539.71	56501.18750	56525.26991	56462.46484	504771.3	5410758.6
L4770.0	504771.3	5410756.9	35828.50000	357.61	0	48.849763	-86.934963	56526.76	56240.2	9.83	56536.59	56498.55469	56509.44767	56447.87500	504771.3	5410756.9
L4770.0	504771.3	5410755.5	35828.60156	358.17	0	48.849751	-86.934963	56524.32	56240.2	9.83	56534.15	56496.59766	56509.43255	56449.08984	504771.3	5410755.5
L4770.0	504771.3	5410754.1	35828.69922	356.25	0	48.849738	-86.934963	56521.66	56240.2	9.83	56531.49	56494.42578	56503.92586	56444.80469	504771.3	5410754.1
L4770.0	504771.3	5410754.1	35828.80078	357.25	0	48.849738	-86.934963	56519.03	56240.2	9.83	56528.86	56492.28125	56498.81284	56440.91406	504771.3	5410754.1
L4770.0	504771.3	5410752.2	35828.89844	358.62	0	48.849720	-86.934963	56516.78	56240.2	9.83	56526.61	56490.51563	56502.34328	56445.66016	504771.3	5410752.2
L4770.0	504771.3	5410752.2	35829.00000	359.25	0	48.849720	-86.934963	56514.18	56240.2	9.83	56524.01	56488.40234	56497.23938	56441.76563	504771.3	5410752.2
L4770.0	504771.3	5410750.3	35829.00000	358.76	0	48.849704	-86.934963	56511.84	56240.2	9.83	56521.67	56486.54688	56497.89844	56443.62500	504771.3	5410750.3
L4770.0	504771.3	5410749.1	35829.10156	358.91	0	48.849693	-86.934963	56509.23	56240.2	9.83	56519.06	56484.41797	56491.77192	56438.69531	504771.3	5410749.1
L4770.0	504771.3	5410747.8	35829.30078	359.67	0	48.849681	-86.934963	56506.70	56240.2	9.84	56516.54	56482.38281	56487.34959	56435.46094	504771.3	5410747.8
L4770.0	504771.3	5410747.8	35829.39844	359.94	0	48.849681	-86.934963	56504.15	56240.2	9.84	56513.99	56480.31250	56481.77616	56431.07422	504771.3	5410747.8
L4770.0	504771.2	5410746.2	35829.50000	359.46	0	48.849666	-86.934963	56502.01	56240.2	9.84	56511.85	56478.65234	56485.43430	56435.90625	504771.2	5410746.2
L4770.0	504771.2	5410744.4	35829.60156	359.48	0	48.849650	-86.934963	56499.45	56240.2	9.84	56509.29	56476.57422	56478.68802	56430.32422	504771.2	5410744.4
L4770.0	504771.2	5410744.4	35829.69922	359.74	0	48.849650	-86.934963	56497.16	56240.2	9.84	56507.00	56474.76172	56477.83132	56430.62500	504771.2	5410744.4
L4770.0	504771.2	5410743.0	35829.80078	359.29	0	48.849638	-86.934964	56494.68	56240.2	9.85	56504.53	56472.76563	56472.21244	56426.15625	504771.2	5410743.0
L4770.0	504771.2	5410741.4	35829.89844	359.59	0	48.849623	-86.934964	56492.48	56240.2	9.85	56502.33	56471.04297	56472.45435	56427.54297	504771.2	5410741.4
L4770.0	504771.2	5410741.4	35830.00000	357.65	0	48.849623	-86.934964	56490.12	56240.2	9.85	56499.97	56469.15625	56468.38003	56424.59766	504771.2	5410741.4
L4770.0	504771.2	5410739.1	35830.10156	358.00	0	48.849603	-86.934965	56487.74	56240.2	9.85	56497.59	56467.24609	56463.28683	56420.62500	504771.2	5410739.1
L4770.0	504771.2	5410739.1	35830.19922	357.42	0	48.849603	-86.934965	56485.57	56240.2	9.85	56495.42	56465.54688	56462.60045	56421.05078	504771.2	5410739.1
L4770.0	504771.1	5410737.7	35830.30078	355.10	0	48.849590	-86.934965	56483.09	56240.2	9.84	56492.94	56463.53516	56454.01948	56413.57422	504771.1	5410737.7
L4770.0	504771.1	5410736.4	35830.39844	356.06	0	48.849579	-86.934965	56481.18	56240.2	9.84	56491.03	56462.09375	56458.33598	56418.98047	504771.1	5410736.4
L4770.0	504771.1	5410735.1	35830.50000	356.57	0	48.849567	-86.934966	56479.06	56240.2	9.84	56488.90	56460.42578	56456.86835	56418.59766	504771.1	5410735.1
L4770.0	504771.1	5410733.5	35830.60156	357.58	0	48.849553	-86.934966	56477.45	56240.2	9.84	56487.29	56459.27734	56467.10133	56429.89844	504771.1	5410733.5
L4770.0	504771.1	5410733.5	35830.69922	358.79	0	48.849553	-86.934966	56475.36	56240.2	9.84	56485.20	56457.64844	56465.39138	56429.24609	504771.1	5410733.5
L4770.0	504771.0	5410732.4	35830.80078	358.44	0	48.849542	-86.934966	56473.30	56240.2	9.83	56483.13	56456.03516	56463.55210	56428.45313	504771.0	5410732.4
L4770.0	504771.0	5410732.4	35830.89844	357.25	0	48.849542	-86.934966	56471.02	56240.2	9.83	56480.86	56454.22266	56456.37903	56422.31641	504771.0	5410732.4
L4770.0	504771.0	5410730.5	35831.00000	357.66	0	48.849525	-86.934967	56468.63	56240.2	9.83	56478.46	56452.27344	56445.52348	56412.48828	504771.0	5410730.5
L4770.0	504771.0	5410729.1	35831.00000	359.26	0	48.849513	-86.934967	56467.09	56240.2	9.83	56476.92	56451.18359	56454.38410	56422.35938	504771.0	5410729.1
L4770.0	504771.0	5410727.7	35831.10156	357.20	0	48.849500	-86.934967	56464.90	56240.2	9.83	56474.73	56449.44141	56447.26668	56416.23828	504771.0	5410727.7
L4770.0	504771.0	5410727.7	35831.30078	356.33	0	48.849500	-86.934967	56463.16	56240.2	9.83	56472.99	56448.14844	56450.17168	56420.13281	504771.0	5410727.7
L4770.0	504771.0	5410726.3	35831.39844	357.56	0	48.849488	-86.934967	56461.40	56240.2	9.83	56471.23	56446.83203	56451.98949	56422.92578	504771.0	5410726.3
L4770.0	504770.9	5410724.4	35831.50000	358.82	0	48.849471	-86.934968	56459.57	56240.2	9.83	56469.40	56445.44141	56451.53903	56423.43750	504770.9	5410724.4
L4770.0	504770.9	5410723.6	35831.60156	357.96	0	48.849463	-86.934968	56457.83	56240.2	9.83	56467.66	56444.13672	56452.60382	56425.44922	504770.9	5410723.6
L4770.0	504770.9	5410723.6	35831.69922	357.09	0	48.849463	-86.934968	56455.71	56240.2	9.83	56465.54	56442.45313	56444.07648	56417.85938	504770.9	5410723.6
L4770.0	504770.9	5410722.1	35831.80078	357.94	0	48.849450	-86.934968	56454.11	56240.2	9.83	56463.94	56441.28516	56447.23366	56421.93750	504770.9	5410722.1
L4770.0	504770.9	5410720.3	35831.89844	358.96	0	48.849434	-86.934969	56451.58	56240.2	9.83	56461.41	56439.18359	56427.80458	56403.42188	504770.9	5410720.3
L4770.0	504770.8	5410718.9	35832.00000	358.68	0	48.849421	-86.934969	56450.28	56240.2	9.83	56460.11	56438.30859	56436.85037	56413.36328	504770.8	5410718.9
L4770.0	504770.8	5410718.9	35832.10156	358.77	0	48.849421	-86.934969	56448.46	56240.2	9.83	56458.29	56436.91016	56433.01020	56410.40625	504770.8	5410718.9
L4770.0	504770.8	5410716.9	35832.19922	357.85	0	48.849403	-86.934969	56447.06	56240.2	9.83	56456.89	56435.92969	56438.50861	56416.77344	504770.8	5410716.9
L4770.0	504770.8	5410716.9	35832.30078	356.60	0	48.849403	-86.934969	56445.56	56240.2	9.83	56455.38	56434.83984	56440.82355	56419.94531	504770.8	5410716.9
L4770.0	504770.8	5410714.1	35832.39844	355.95	0	48.849378	-86.934970	56443.64	56240.2	9.83	56453.47	56433.34375	56433.10645	56413.07031	504770.8	5410714.1
L4770.0	504770.8	5410714.1	35832.50000	357.45	0	48.849378	-86.934970	56442.14	56240.2	9.82	56451.96	56432.24219	56434.27403	56415.06641	504770.8	5410714.1
L4770.0	504770.8	5410713.0	35832.60156	357.45	0	48.849368	-86.934970	56440.25	56240.2	9.82	56450.07	56430.76172	56425.89620	56407.50391	504770.8	5410713.0
L4770.0	504770.8	5410713.0	35832.69922	356.14	0	48.849368	-86.934970	56439.22	56240.2	9.82	56449.05	56430.14453	56437.52734	56419.93359	504770.8	5410713.0
L4770.0	504770.8	5410711.4	35832.80078	356.93	0	48.849354	-86.934970	56437.54	56240.2	9.82	56447.36	56428.85547	56432.77358	56415.96875	504770.8	5410711.4
L4770.0	504770.8	5410710.3	35832.89844	357.87	0	48.849343	-86.934970	56436.32	56240.2	9.82	56446.14	56428.03516	56438.58981	56422.56250	504770.8	5410710.3
L4770.0	504770.7	5410708.7	35833.00000	356.31	0	48.849329	-86.934971	56434.10	56240.2	9.82	56443.92	56426.21094	56420.23738	56404.96875	504770.7	5410708.7
L4770.0	504770.7	5410708.7	35833.00000	357.23	0	48.849329	-86.934971	56432.46	56240.2	9.82	56442.28	56424.96094	56415.07217	56400.55078	504770.7	5410708.7
L4770.0	504770.7	5410706.9	35833.10156	357.43	0	48.849313	-86.934971	56431.04	56240.2	9.82	56440.85	56423.91797	56414.35718	56400.56641	504770.7	5410706.9
L4770.0	504770.7	5410705.6	35833.30078	357.15	0	48.849301	-86.934971	56429.63	56240.2	9.81	56439.44	56422.89453	56413.61035	56400.53906	504770.7	5410705.6
L4770.0	504770.7	5410705.6	35833.39844	356.96	0	48.849301	-86.934971	56428.40	56240.2	9.81	56438.21	56422.04688	56416.62286	56404.25781	504770.7	5410705.6
L4770.0	504770.7	5410702.6	35833.50000	357.59	0	48.849275	-86.934971	56426.82	56240.2	9.81	56436.63	56420.84375	56410.87614	56399.20313	504770.7	5410702.6
L4770.0	504770.7	5410702.6	35833.60156	359.11	0	48.849275	-86.934971	56425.81	56240.2	9.80	56435.61	56420.19922	56417.88966	56406.89453	504770.7	5410702.6
L4770.0	504770.7	5410701.1	35833.69922	357.90	0	48.849261	-86.934971	56423.96	56240.2	9.80	56433.76	56418.72266	56404.81677	56394.48438	504770.7	5410701.1
L4770.0	504770.7	5410701.1	35833.80078	356.57	0	48.849261	-86.934971	56422.87	56240.2	9.80	56432.66	56417.99219	56409.01414	56399.33594	504770.7	5410701.1
L4770.0	504770.7	5410699.6	35833.89844	357.56	0	48.849247	-86.934971	56420.93	56240.2	9.79	56430.72	56416.41797	56392.90762	56383.86719	504770.7	5410699.6
L4770.0	504770.7	5410698.6	35834.00000	360.03	0	48.849238	-86.934971	56419.73	56240.2	9.79	56429.52	56415.57813	56393.85385	56385.43750	504770.7	5410698.6
L4770.0	504770.7	5410697.2	35834.10156	361.41	0	48.849226	-86.934971	56418.61	56240.2	9.79	56428.40	56414.82031	56396.26148	56388.45703	504770.7	5410697.2
L4770.0	504770.7	5410697.2	35834.19922	357.78	0	48.849226	-86.934971	56417.56	56240.2	9.79	56427.35	56414.12500	56399.90344	56392.69531	504770.7	5410697.2
L4770.0	504770.7	5410695.4	35834.30078	360.44	0	48.849209	-86.934971	56416.62	56240.2	9.80	56426.41	56413.53516	56405.73441	56399.11328	504770.7	5410695.4
L4770.0	504770.7	5410695.4	35834.39844	359.84	0	48.849209	-86.934971	56415.14	56240.2	9.80	56424.94	56412.41797	56398.63552	56392.58594	504770.7	5410695.4
L4770.0	504770.7	5410692.2	35834.50000	358.67	0	48.849181	-86.934971	56413.91	56240.2	9.80	56423.71	56411.53125	56396.81659	56391.32813	504770.7	5410692.2
L4770.0	504770.7	5410692.2	35834.60156	358.07	0	48.849181	-86.934971	56412.22	56240.2	9.80	56422.02	56410.18359	56383.74017	56378.79688	504770.7	5410692.2
L4770.0	504770.7	5410690.8	35834.69922	358.75	0	48.849168	-86.934971	56411.43	56240.2	9.80	56421.24	56409.74219	56391.79829	56387.39063	504770.7	5410690.8

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4770.0	504770.7	5410689.5	35834.80078	356.54	0	48.849156	-86.934971	56409.93	56240.2	9.81	56419.73	56408.57031	56382.23393	56378.34766	504770.7	5410689.5
L4770.0	504770.7	5410689.5	35834.89844	358.29	0	48.849156	-86.934971	56409.24	56240.2	9.81	56419.05	56408.22266	56391.92985	56388.55469	504770.7	5410689.5
L4770.0	504770.7	5410687.6	35835.00000	357.86	0	48.849140	-86.934971	56408.12	56240.2	9.81	56417.93	56407.43359	56390.87451	56387.99609	504770.7	5410687.6
L4770.0	504770.7	5410686.0	35835.00000	358.03	0	48.849125	-86.934971	56406.86	56240.2	9.81	56416.67	56406.50000	56386.16703	56383.77344	504770.7	5410686.0
L4770.0	504770.7	5410684.9	35835.10156	357.86	0	48.849115	-86.934971	56405.92	56240.2	9.81	56415.72	56405.87109	56388.45192	56386.53125	504770.7	5410684.9
L4770.0	504770.7	5410684.9	35835.30078	357.31	0	48.849115	-86.934971	56404.54	56240.2	9.80	56414.34	56404.81250	56380.24486	56378.78906	504770.7	5410684.9
L4770.0	504770.7	5410683.5	35835.39844	357.18	0	48.849103	-86.934971	56403.81	56240.2	9.79	56413.60	56404.39063	56386.84515	56385.83984	504770.7	5410683.5
L4770.0	504770.7	5410681.9	35835.50000	357.14	0	48.849088	-86.934971	56402.63	56240.2	9.79	56412.42	56403.52344	56382.73124	56382.16797	504770.7	5410681.9
L4770.0	504770.7	5410681.9	35835.60156	357.00	0	48.849088	-86.934971	56401.96	56240.2	9.79	56411.75	56403.16406	56390.36546	56390.23047	504770.7	5410681.9
L4770.0	504770.7	5410680.0	35835.69922	358.42	0	48.849071	-86.934971	56400.59	56240.2	9.78	56410.37	56402.09375	56380.91654	56381.19531	504770.7	5410680.0
L4770.0	504770.7	5410678.4	35835.80078	357.42	0	48.849057	-86.934972	56400.43	56240.2	9.78	56410.21	56402.23828	56400.01107	56400.69922	504770.7	5410678.4
L4770.0	504770.7	5410678.4	35835.89844	355.45	0	48.849057	-86.934972	56398.77	56240.2	9.77	56408.55	56400.87891	56383.36107	56384.44531	504770.7	5410678.4
L4770.0	504770.7	5410676.9	35836.00000	355.80	0	48.849043	-86.934972	56397.93	56240.2	9.77	56407.70	56400.32813	56385.57487	56387.04688	504770.7	5410676.9
L4770.0	504770.7	5410675.3	35836.00000	357.49	0	48.849029	-86.934972	56396.91	56240.2	9.77	56406.68	56399.60547	56383.49326	56385.33984	504770.7	5410675.3
L4770.0	504770.7	5410675.3	35836.19922	356.65	0	48.849029	-86.934972	56395.82	56240.2	9.77	56405.59	56398.80859	56379.48526	56381.69531	504770.7	5410675.3
L4770.0	504770.7	5410673.7	35836.30078	357.55	0	48.849014	-86.934971	56395.23	56240.2	9.77	56404.99	56398.49609	56386.79293	56389.35938	504770.7	5410673.7
L4770.0	504770.7	5410673.7	35836.39844	357.11	0	48.849014	-86.934971	56394.06	56240.2	9.77	56403.82	56397.61328	56380.36536	56383.28125	504770.7	5410673.7
L4770.0	504770.7	5410670.7	35836.50000	357.44	0	48.848987	-86.934971	56393.80	56240.2	9.76	56403.57	56397.64844	56395.42703	56398.67969	504770.7	5410670.7
L4770.0	504770.7	5410670.7	35836.60156	355.06	0	48.848987	-86.934971	56392.06	56240.2	9.76	56401.83	56396.18750	56375.01601	56378.59375	504770.7	5410670.7
L4770.0	504770.7	5410669.1	35836.69922	353.48	0	48.848973	-86.934971	56391.35	56240.2	9.76	56401.11	56395.74609	56378.46659	56382.35938	504770.7	5410669.1
L4770.0	504770.8	5410667.8	35836.80078	354.02	0	48.848961	-86.934971	56389.74	56240.2	9.76	56399.50	56394.41406	56360.63521	56364.83984	504770.8	5410667.8
L4770.0	504770.8	5410667.8	35836.89844	351.81	0	48.848961	-86.934971	56389.28	56240.2	9.76	56399.04	56394.22656	56369.74617	56374.25391	504770.8	5410667.8
L4770.0	504770.8	5410666.0	35837.00000	350.54	0	48.848945	-86.934971	56388.44	56240.2	9.76	56398.20	56393.65625	56369.63779	56374.43750	504770.8	5410666.0
L4770.0	504770.8	5410666.0	35837.00000	350.99	0	48.848945	-86.934971	56388.01	56240.2	9.76	56397.77	56393.49219	56378.98718	56384.06641	504770.8	5410666.0
L4770.0	504770.8	5410664.0	35837.10156	352.34	0	48.848928	-86.934970	56387.42	56240.2	9.76	56397.18	56393.16797	56384.32434	56389.67969	504770.8	5410664.0
L4770.0	504770.8	5410662.6	35837.30078	355.52	0	48.848915	-86.934970	56386.24	56240.2	9.76	56396.00	56392.25000	56375.48837	56381.11328	504770.8	5410662.6
L4770.0	504770.8	5410661.2	35837.39844	353.86	0	48.848902	-86.934970	56385.79	56240.2	9.76	56395.55	56392.05859	56383.68380	56389.57031	504770.8	5410661.2
L4770.0	504770.8	5410661.2	35837.50000	354.91	0	48.848902	-86.934970	56384.28	56240.2	9.76	56394.04	56390.80469	56366.60252	56372.73828	504770.8	5410661.2
L4770.0	504770.8	5410659.4	35837.60156	354.51	0	48.848886	-86.934970	56384.31	56240.2	9.77	56394.07	56391.08984	56385.70483	56392.08594	504770.8	5410659.4
L4770.0	504770.8	5410659.4	35837.69922	355.22	0	48.848886	-86.934970	56382.93	56240.2	9.77	56392.69	56389.96094	56371.26290	56377.88281	504770.8	5410659.4
L4770.0	504770.9	5410657.6	35837.80078	357.18	0	48.848870	-86.934970	56382.75	56240.2	9.77	56392.51	56390.03125	56384.97322	56391.82422	504770.9	5410657.6
L4770.0	504770.9	5410656.4	35837.89844	358.49	0	48.848859	-86.934970	56381.27	56240.2	9.77	56391.04	56388.80859	56367.98105	56375.05469	504770.9	5410656.4
L4770.0	504770.9	5410654.8	35838.00000	357.99	0	48.848845	-86.934970	56380.96	56240.2	9.77	56390.73	56388.74219	56378.20074	56385.49219	504770.9	5410654.8
L4770.0	504770.9	5410654.8	35838.10156	357.37	0	48.848845	-86.934970	56380.35	56240.2	9.77	56390.12	56388.37109	56381.12401	56388.62500	504770.9	5410654.8
L4770.0	504770.9	5410653.3	35838.19922	358.46	0	48.848831	-86.934970	56379.76	56240.2	9.77	56389.53	56388.01953	56384.31729	56392.02344	504770.9	5410653.3
L4770.0	504770.9	5410651.7	35838.30078	358.25	0	48.848816	-86.934970	56379.13	56240.2	9.77	56388.90	56387.62891	56386.36468	56394.26953	504770.9	5410651.7
L4770.0	504770.9	5410651.7	35838.39844	358.68	0	48.848816	-86.934970	56377.90	56240.2	9.77	56387.67	56386.63281	56374.03154	56382.13281	504770.9	5410651.7
L4770.0	504770.8	5410649.8	35838.50000	358.61	0	48.848799	-86.934970	56377.52	56240.2	9.78	56387.29	56386.48438	56381.59455	56389.88281	504770.8	5410649.8
L4770.0	504770.8	5410649.8	35838.60156	358.40	0	48.848799	-86.934970	56376.17	56240.2	9.78	56385.94	56385.36328	56366.03580	56374.50391	504770.8	5410649.8
L4770.0	504770.8	5410648.2	35838.69922	358.16	0	48.848785	-86.934970	56376.29	56240.2	9.78	56386.07	56385.72266	56385.26941	56393.91016	504770.8	5410648.2
L4770.0	504770.8	5410646.6	35838.80078	360.40	0	48.848771	-86.934970	56374.86	56240.2	9.78	56384.64	56384.51563	56367.43976	56376.25391	504770.8	5410646.6
L4770.0	504770.8	5410646.6	35838.89844	359.94	0	48.848771	-86.934970	56374.94	56240.2	9.78	56384.72	56384.82031	56385.11623	56394.09766	504770.8	5410646.6
L4770.0	504770.8	5410645.2	35839.00000	359.66	0	48.848758	-86.934971	56374.20	56240.2	9.78	56383.98	56384.30078	56383.22581	56392.36719	504770.8	5410645.2
L4770.0	504770.8	5410643.6	35839.00000	358.40	0	48.848744	-86.934971	56373.79	56240.2	9.78	56383.57	56384.10547	56388.95396	56398.25000	504770.8	5410643.6
L4770.0	504770.8	5410643.6	35839.10156	357.96	0	48.848744	-86.934971	56372.54	56240.2	9.78	56382.32	56383.07422	56374.64720	56384.09375	504770.8	5410643.6
L4770.0	504770.8	5410642.1	35839.19922	359.21	0	48.848730	-86.934971	56371.68	56240.2	9.78	56381.46	56382.42578	56369.38203	56378.97656	504770.8	5410642.1
L4770.0	504770.7	5410640.6	35839.30078	357.40	0	48.848717	-86.934971	56371.60	56240.2	9.78	56381.38	56382.55859	56382.37951	56392.11719	504770.7	5410640.6
L4770.0	504770.7	5410640.6	35839.50000	358.42	0	48.848717	-86.934971	56370.63	56240.2	9.78	56380.40	56381.78906	56373.93114	56383.80859	504770.7	5410640.6
L4770.0	504770.7	5410638.9	35839.50000	357.80	0	48.848702	-86.934972	56370.55	56240.2	9.78	56380.33	56381.92578	56386.82327	56396.83203	504770.7	5410638.9
L4770.0	504770.7	5410637.4	35839.60156	358.04	0	48.848688	-86.934972	56369.32	56240.2	9.78	56379.10	56380.90234	56372.12887	56382.26563	504770.7	5410637.4
L4770.0	504770.7	5410637.4	35839.80078	358.93	0	48.848688	-86.934972	56369.17	56240.2	9.78	56378.95	56380.95313	56382.79848	56393.06250	504770.7	5410637.4
L4770.0	504770.7	5410635.6	35839.80078	359.43	0	48.848671	-86.934972	56367.67	56240.2	9.78	56377.45	56379.65625	56361.39564	56371.78516	504770.7	5410635.6
L4770.0	504770.7	5410633.9	35839.89844	358.78	0	48.848656	-86.934972	56367.31	56240.2	9.78	56377.09	56379.49609	56366.78038	56377.28906	504770.7	5410633.9
L4770.0	504770.7	5410633.9	35840.00000	357.82	0	48.848656	-86.934972	56367.11	56240.2	9.78	56376.89	56379.49219	56375.79066	56386.41406	504770.7	5410633.9
L4770.0	504770.7	5410632.0	35840.10156	357.32	0	48.848639	-86.934972	56366.72	56240.2	9.78	56376.50	56379.29688	56380.15611	56390.89063	504770.7	5410632.0
L4770.0	504770.7	5410630.4	35840.30078	355.84	0	48.848625	-86.934972	56366.06	56240.2	9.78	56375.84	56378.83203	56377.98854	56388.83203	504770.7	5410630.4
L4770.0	504770.7	5410630.4	35840.39844	356.75	0	48.848625	-86.934972	56364.84	56240.2	9.78	56374.61	56377.79297	56362.19951	56373.15234	504770.7	5410630.4
L4770.0	504770.7	5410628.5	35840.50000	358.43	0	48.848608	-86.934972	56364.98	56240.2	9.77	56374.76	56378.13281	56378.88498	56389.94141	504770.7	5410628.5
L4770.0	504770.7	5410628.5	35840.60156	359.19	0	48.848608	-86.934972	56363.89	56240.2	9.77	56373.66	56377.21875	56365.88126	56377.03516	504770.7	5410628.5
L4770.0	504770.7	5410627.0	35840.69922	360.16	0	48.848594	-86.934971	56364.09	56240.2	9.77	56373.86	56377.60547	56383.46685	56394.71484	504770.7	5410627.0
L4770.0	504770.8	5410625.2	35840.80078	358.62	0	48.848578	-86.934971	56362.66	56240.2	9.77	56372.44	56376.36719	56362.62323	56373.96875	504770.8	5410625.2
L4770.0	504770.8	5410625.2	35840.89844	357.91	0	48.848578	-86.934971	56362.54	56240.2	9.77	56372.31	56376.42188	56372.13843	56383.57813	504770.8	5410625.2
L4770.0	504770.8	5410623.8	35841.00000	358.66	0	48.848566	-86.934971	56361.64	56240.2	9.77	56371.41	56375.69922	56363.32221	56374.85156	504770.8	5410623.8
L4770.0	504770.8	5410623.8	35841.00000	358.35	0	48.848566	-86.934971	56361.31	56240.2	9.77	56371.08	56375.55078	56367.85177	56379.46484	504770.8	5410623.8
L4770.0	504770.8	5410622.0	35841.10156	359.27	0	48.848549	-86.934971	56360.95	56240.2	9.77	56370.72	56375.36328	56371.54762	56383.24219	504770.8	5410622.0
L4770.0	504770.8	5410620.4	35841.30078	358.97	0	48.848535	-86.934971	56359.91	56240.2	9.77	56369.68	56374.50000	56359.04838	56370.82813	504770.8	5410620.4
L4770.0	504770.8	5410619.1	35841.39844	358.69	0	48.848523	-86.934971	56359.75	56240.2	9.77	56369.53	56374.52344	56367.46786	56379.32813	504770.8	5410619.1
L4770.0	504770.8	5410619.1	35841.50000	359.37	0	48.848523	-86.934971	56358.43	56240.2	9.77	56368.20	56373.36328	56347.87945	56359.81641	504770.8	5410619.1
L4770.0	504770.8	5410617.7	35841.60156	360.10	0	48.848510	-86.934971	56358.78	56240.2	9.78	56368.56	56373.89063	56368.12568	56380.13672	504770.8	5410617.7
L4770.0	504770.8	5410615.6	35841.69922	360.17	0	48.848492	-86.934971	56357.76	56240.2	9.78	56367.54	56373.03906	56355.64240	56367.72656	504770.8	5410615.6
L4770.0	504770.8	5410615.6	35841.80078	360.64	0	48.848492	-86.934971	56358.04	56240.2	9.78	56367.82	56373.48438	56373.78097	56385.93750	504770.8	5410615.6
L4770.0	504770.8	5410614.1	35841.89844	359.37	0	48.848478	-86.934971	56356.90	56240.2	9.78	56366.68	56372.50781	56358.25030	56370.48047	504770.8	5410614.1
L4770.0	504770.8	5410613.1	35842.00000	357.78	0	48.848470	-86.934971	56356.57	56240.2	9.78	56366.35	56372.33984	56361.76482	56374.06250	504770.8	5410613.1
L4770.0	504770.8	5410611.3	35842.10156	357.39	0	48.848453	-86.934971	56356.23	56240.2	9.78	56366.01	56372.16016	56364.94457	56377.30469	504770.8	5410611.3
L4770.0	504770.8	5410610.0	35842.19922	357.03	0	48.848441	-86.934971	56355.64	56240.2	9.78	56365.42	56371.73047	56362.11930	56374.54297	504770.8	5410610.0
L4770.0	504770.8	5410610.0	35842.30078	357.95	0	48.848441	-86.934971	56355.52	56240.2	9.78	56365.30	56371.76953	56370.31068	56382.79688	504770.8	5410610.0
L4770.0	504770.8	5410608.2	35842.39844	357.82	0	48.848425	-86.934971	56354.52	56240.2	9.78	56364.30	56370.92188	56357.61074	56370.16016	504770.8	5410608.2
L4770.0	504770.8	5410608.2	35842.50000	357.98	0	48.848425	-86.934971	56354.86	56240.2	9.77	56364.63	56371.40625	56376.26088	56388.87109	504770.8	5410608.2
L4770.0	504770.8	5410606.7	35842.60156	358.02	0	48.848412	-86.934971	56353.24	56240.2	9.77	56363.02	56369.94922	56348.96903	56361.63672	504770.8	5410606.7
L4770.0	504770.8	5410605.4	35842.69922	358.74	0	48.848400	-86.934971	56353.76	56240.2	9.77	56363.53	56370.60938	56371.70581	56384.42578	504770.8	5410605.4
L4770.0	504770.8	5410603.8	35842.80078	359.71	0	48.848386	-86.934971	56352.89	56240.2	9.77	56362.66	56369.88672	56361.74237	56374.51953	504770.8	5410603.8
L4770.0	504770.8	5410603.8	35842.89844	360.35	0	48.848386	-86.934971	56353.07	56240.2	9.77	56362.84	56370.21484	56376.52008	56389.35156	504770.8	5410603.8
L4770.0	504770.8	5410601.9	35843.00000	358.51	0	48.848369	-86.934971	56352.33	56240.2	9.77	56362.10	56369.62109	56369.47529	56382.35938	504770.8	5410601.9
L4770.0	504770.8	5410601.9	35843.00000	357.00	0	48.848369	-86.934971	56351.43	56240.2	9.77	56361.20	56368.86328	56358.57460	56371.50781	504770.8	5410601.9
L4770.0	504770.8	5410600.4	35843.10156	358.63	0	48.848355	-86.934971	56351.11	56240.2	9.77	56360.88	56368.68359	56361.31178	56374.29297	504770.8	5410600.4
L4770.0	504770.8	5410599.1	35843.30078	358.58	0	48.848343	-86.934971	56350.39	56240.2	9.77	56360.16	56368.10547	56354.52403	56367.55469	504770.8	5410599.1
L4770.0	504770.8	5410599.1	35843.39844	357.11	0	48.848343	-86.934971	56350.85	56240.2	9.77	56360.62	56368.70313	56375.56044	56388.64063	504770.8	5410599.1
L4770.0	504770.8	5410597.8	35843.50000	359.22	0	48.848332	-86.934971	56349.54	56240.2	9.77	56359.31	56367.53125	56354.69219	56367.81641	504770.8	5410597.8
L4770.0	504770.8	5410596.1	35843.60156	359.65	0	48.848316	-86.934971	56349.62	56240.2	9.77	56359.39	56367.74609	56366.61540	56379.78125	504770.8	5410596.1
L4770.0	504770.8	5410594.3	35843.69922	359.56	0	48.848300	-86.934971	56348.53	56240.2	9.77	56358.30	56366.79297	56350.81969	56364.02734	504770.8	5410594.3
L4770.0	504770.8	5410594.3	35843.80078	359.39	0	48.848300	-86.934971	56348.50	56240.2	9.77	56358.27	56366.89453	56360.01814	56373.26953	504770.8	5410594.3
L4770.0	504770.8	5410592.9	35843.89844	358.02	0	48.848288	-86.934971	56347.71	56240.2	9.77	56357.48	56366.23438	56351.19194	56364.48438	504770.8	5410592.9
L4770.0	504770.8	5410591.8	35844.00000	357.53	0	48.848278	-86.934972	56347.38	56240.2	9.77	56357.14	56366.02344	56352.94375	56366.27734	504770.8	5410591.8

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4770.0	504770.8	5410590.2	35844.10156	356.33	0	48.848263	-86.934972	56347.15	56240.2	9.77	56356.92	56365.92969	56357.47443	56370.84375	504770.8	5410590.2
L4770.0	504770.8	5410590.2	35844.19922	357.24	0	48.848263	-86.934972	56346.61	56240.2	9.77	56356.38	56365.51563	56354.38463	56367.78906	504770.8	5410590.2
L4770.0	504770.8	5410588.4	35844.30078	357.65	0	48.848247	-86.934972	56346.79	56240.2	9.77	56356.55	56365.81250	56368.02200	56381.46484	504770.8	5410588.4
L4770.0	504770.8	5410587.1	35844.39844	358.17	0	48.848235	-86.934972	56345.21	56240.2	9.77	56354.97	56364.35547	56340.23931	56353.71875	504770.8	5410587.1
L4770.0	504770.8	5410587.1	35844.50000	358.82	0	48.848235	-86.934972	56345.39	56240.2	9.76	56355.15	56364.65625	56354.00503	56367.51953	504770.8	5410587.1
L4770.0	504770.8	5410585.2	35844.60156	358.59	0	48.848219	-86.934972	56344.74	56240.2	9.76	56354.51	56364.13672	56348.33525	56361.87891	504770.8	5410585.2
L4770.0	504770.8	5410583.9	35844.69922	360.13	0	48.848207	-86.934971	56345.21	56240.2	9.76	56354.97	56364.71484	56368.61470	56382.19141	504770.8	5410583.9
L4770.0	504770.8	5410583.9	35844.80078	361.44	0	48.848207	-86.934971	56344.24	56240.2	9.76	56354.00	56363.85938	56355.04122	56368.64453	504770.8	5410583.9
L4770.0	504770.8	5410582.2	35844.89844	361.37	0	48.848191	-86.934971	56344.18	56240.2	9.76	56353.95	56363.92578	56363.16351	56376.80078	504770.8	5410582.2
L4770.0	504770.8	5410580.5	35845.00000	361.46	0	48.848177	-86.934971	56343.37	56240.2	9.76	56353.13	56363.21875	56353.03476	56366.69922	504770.8	5410580.5
L4770.0	504770.9	5410579.2	35845.00000	360.04	0	48.848164	-86.934970	56342.86	56240.2	9.76	56352.62	56362.82031	56350.18396	56363.87500	504770.9	5410579.2
L4770.0	504770.9	5410579.2	35845.10156	358.68	0	48.848164	-86.934970	56342.73	56240.2	9.76	56352.50	56362.81250	56356.50254	56370.21875	504770.9	5410579.2
L4770.0	504770.9	5410577.9	35845.30078	359.53	0	48.848153	-86.934970	56341.87	56240.2	9.77	56351.64	56362.05859	56345.28054	56359.01953	504770.9	5410577.9
L4770.0	504770.9	5410576.5	35845.39844	360.39	0	48.848140	-86.934970	56342.06	56240.2	9.77	56351.84	56362.36719	56359.06578	56372.83203	504770.9	5410576.5
L4770.0	504770.9	5410576.5	35845.50000	361.44	0	48.848140	-86.934970	56341.11	56240.2	9.78	56350.88	56361.51172	56345.38335	56359.17188	504770.9	5410576.5
L4770.0	504770.9	5410575.0	35845.60156	360.30	0	48.848126	-86.934970	56341.50	56240.2	9.78	56351.28	56362.01563	56363.80000	56377.61328	504770.9	5410575.0
L4770.0	504770.9	5410575.0	35845.69922	361.06	0	48.848126	-86.934970	56340.54	56240.2	9.78	56350.32	56361.16016	56350.02201	56363.85156	504770.9	5410575.0
L4770.0	504771.0	5410573.4	35845.80078	359.56	0	48.848112	-86.934969	56340.34	56240.2	9.78	56350.12	56361.06250	56354.16109	56368.01172	504771.0	5410573.4
L4770.0	504771.0	5410572.0	35845.89844	359.30	0	48.848099	-86.934969	56339.90	56240.2	9.79	56349.69	56360.73047	56352.81632	56366.68750	504771.0	5410572.0
L4770.0	504771.0	5410570.6	35846.00000	359.49	0	48.848087	-86.934969	56340.03	56240.2	9.79	56349.82	56360.95703	56364.66152	56378.55078	504771.0	5410570.6
L4770.0	504771.0	5410568.8	35846.00000	358.61	0	48.848071	-86.934969	56339.82	56240.2	9.79	56349.61	56360.84375	56368.42315	56382.32813	504771.0	5410568.8
L4770.0	504771.0	5410568.8	35846.19922	357.13	0	48.848071	-86.934969	56339.39	56240.2	9.79	56349.18	56360.51172	56366.93787	56380.85547	504771.0	5410568.8
L4770.0	504771.0	5410567.2	35846.30078	359.54	0	48.848056	-86.934968	56338.77	56240.2	9.79	56348.56	56359.98438	56360.91501	56374.84766	504771.0	5410567.2
L4770.0	504771.0	5410565.7	35846.39844	359.58	0	48.848043	-86.934968	56337.86	56240.2	9.79	56347.65	56359.16797	56347.99101	56361.93750	504771.0	5410565.7
L4770.0	504771.0	5410565.7	35846.50000	359.89	0	48.848043	-86.934968	56337.73	56240.2	9.78	56347.51	56359.11719	56353.22180	56367.18359	504771.0	5410565.7
L4770.0	504771.0	5410564.0	35846.60156	359.87	0	48.848028	-86.934968	56337.14	56240.2	9.78	56346.93	56358.62500	56348.00626	56361.97656	504771.0	5410564.0
L4770.0	504771.0	5410564.0	35846.69922	359.97	0	48.848028	-86.934968	56337.38	56240.2	9.78	56347.16	56358.94531	56361.89146	56375.87109	504771.0	5410564.0
L4770.0	504771.1	5410562.3	35846.80078	359.43	0	48.848012	-86.934968	56336.96	56240.2	9.78	56346.74	56358.60938	56360.36696	56374.35547	504771.1	5410562.3
L4770.0	504771.1	5410560.8	35846.89844	358.71	0	48.847999	-86.934968	56336.76	56240.2	9.78	56346.54	56358.49609	56363.99766	56377.99609	504771.1	5410560.8
L4770.0	504771.1	5410559.5	35847.00000	357.38	0	48.847987	-86.934968	56336.22	56240.2	9.78	56346.00	56358.03906	56359.54688	56373.55078	504771.1	5410559.5
L4770.0	504771.1	5410559.5	35847.00000	357.90	0	48.847987	-86.934968	56335.36	56240.2	9.78	56345.14	56357.25781	56347.48774	56361.50000	504771.1	5410559.5
L4770.0	504771.1	5410557.7	35847.10156	358.16	0	48.847971	-86.934967	56335.41	56240.2	9.78	56345.19	56357.39063	56356.89474	56370.91016	504771.1	5410557.7
L4770.0	504771.1	5410556.3	35847.30078	360.45	0	48.847958	-86.934967	56334.87	56240.2	9.78	56344.65	56356.92969	56352.31208	56366.32813	504771.1	5410556.3
L4770.0	504771.1	5410556.3	35847.39844	360.27	0	48.847958	-86.934967	56335.02	56240.2	9.78	56344.80	56357.15625	56363.99624	56378.01563	504771.1	5410556.3
L4770.0	504771.1	5410554.9	35847.50000	359.12	0	48.847946	-86.934967	56334.08	56240.2	9.77	56343.85	56356.28125	56349.63663	56363.66016	504771.1	5410554.9
L4770.0	504771.2	5410553.1	35847.60156	358.93	0	48.847930	-86.934967	56333.98	56240.2	9.77	56343.75	56356.25781	56355.32694	56369.34766	504771.2	5410553.1
L4770.0	504771.2	5410551.5	35847.69922	358.09	0	48.847916	-86.934967	56333.32	56240.2	9.77	56343.09	56355.67188	56347.73893	56361.75781	504771.2	5410551.5
L4770.0	504771.2	5410551.5	35847.80078	358.57	0	48.847916	-86.934967	56332.96	56240.2	9.77	56342.73	56355.38281	56347.20152	56361.21875	504771.2	5410551.5
L4770.0	504771.2	5410550.4	35847.89844	359.75	0	48.847905	-86.934966	56332.65	56240.2	9.77	56342.42	56355.14063	56347.80607	56361.82031	504771.2	5410550.4
L4770.0	504771.2	5410549.2	35848.00000	357.78	0	48.847895	-86.934966	56332.32	56240.2	9.77	56342.09	56354.88281	56347.89873	56361.91016	504771.2	5410549.2
L4770.0	504771.2	5410547.4	35848.10156	357.47	0	48.847879	-86.934966	56332.29	56240.2	9.77	56342.07	56354.92969	56355.28073	56369.28906	504771.2	5410547.4
L4770.0	504771.2	5410547.4	35848.19922	357.95	0	48.847879	-86.934966	56331.68	56240.2	9.78	56341.46	56354.38281	56348.67920	56362.67969	504771.2	5410547.4
L4770.0	504771.2	5410545.9	35848.30078	359.65	0	48.847864	-86.934966	56331.76	56240.2	9.78	56341.54	56354.53125	56358.35109	56372.34375	504771.2	5410545.9
L4770.0	504771.2	5410545.9	35848.39844	359.49	0	48.847864	-86.934966	56330.96	56240.2	9.78	56340.75	56353.80469	56347.42292	56361.40625	504771.2	5410545.9
L4770.0	504771.3	5410544.1	35848.50000	360.36	0	48.847848	-86.934965	56330.79	56240.2	9.78	56340.57	56353.68359	56350.87922	56364.85547	504771.3	5410544.1
L4770.0	504771.3	5410542.4	35848.60156	361.87	0	48.847833	-86.934965	56330.22	56240.2	9.79	56340.01	56353.18359	56345.32000	56359.28516	504771.3	5410542.4
L4770.0	504771.3	5410541.2	35848.69922	360.40	0	48.847823	-86.934965	56330.25	56240.2	9.79	56340.05	56353.28516	56353.91114	56367.86328	504771.3	5410541.2
L4770.0	504771.3	5410541.2	35848.80078	358.37	0	48.847823	-86.934965	56330.05	56240.2	9.79	56339.84	56353.13281	56356.56201	56370.50000	504771.3	5410541.2
L4770.0	504771.3	5410539.6	35848.89844	358.17	0	48.847809	-86.934965	56329.62	56240.2	9.80	56339.42	56352.76953	56354.21937	56368.14453	504771.3	5410539.6
L4770.0	504771.3	5410537.7	35849.00000	356.67	0	48.847792	-86.934965	56329.18	56240.2	9.80	56338.98	56352.38672	56351.37565	56365.28516	504771.3	5410537.7
L4770.0	504771.3	5410537.7	35849.00000	357.02	0	48.847792	-86.934965	56328.46	56240.2	9.80	56338.26	56351.71875	56341.88647	56355.78125	504771.3	5410537.7
L4770.0	504771.3	5410536.0	35849.10156	357.34	0	48.847775	-86.934965	56328.38	56240.2	9.80	56338.18	56351.69141	56347.49970	56361.37891	504771.3	5410536.0
L4770.0	504771.3	5410536.0	35849.30078	358.08	0	48.847775	-86.934965	56327.88	56240.2	9.79	56337.67	56351.23438	56342.92469	56356.78516	504771.3	5410536.0
L4770.0	504771.3	5410534.6	35849.39844	357.46	0	48.847763	-86.934965	56328.01	56240.2	9.78	56337.79	56351.40234	56353.21866	56367.05859	504771.3	5410534.6
L4770.0	504771.3	5410533.2	35849.50000	358.34	0	48.847751	-86.934965	56327.54	56240.2	9.78	56337.32	56350.98438	56349.54539	56363.36719	504771.3	5410533.2
L4770.0	504771.3	5410533.2	35849.60156	358.39	0	48.847751	-86.934965	56327.35	56240.2	9.78	56337.12	56350.83203	56352.23467	56366.03516	504771.3	5410533.2
L4770.0	504771.3	5410531.3	35849.69922	359.61	0	48.847733	-86.934965	56326.88	56240.2	9.77	56336.66	56350.41797	56348.76023	56362.53906	504771.3	5410531.3
L4770.0	504771.3	5410530.0	35849.80078	359.19	0	48.847722	-86.934965	56326.61	56240.2	9.77	56336.38	56350.18359	56349.52417	56363.28125	504771.3	5410530.0
L4770.0	504771.3	5410528.6	35849.89844	359.36	0	48.847709	-86.934965	56326.55	56240.2	9.76	56336.32	56350.16797	56355.47363	56369.20703	504771.3	5410528.6
L4770.0	504771.3	5410528.6	35850.00000	358.38	0	48.847709	-86.934965	56326.02	56240.2	9.76	56335.78	56349.66797	56350.06404	56363.77344	504771.3	5410528.6
L4770.0	504771.3	5410527.0	35850.10156	358.03	0	48.847695	-86.934965	56325.91	56240.2	9.76	56335.68	56349.60938	56355.04356	56368.73047	504771.3	5410527.0
L4770.0	504771.4	5410524.9	35850.19922	357.95	0	48.847676	-86.934964	56325.13	56240.2	9.77	56334.90	56348.87109	56343.93991	56357.59766	504771.4	5410524.9
L4770.0	504771.4	5410524.9	35850.30078	358.19	0	48.847676	-86.934964	56325.20	56240.2	9.78	56334.97	56348.98047	56352.92016	56366.55078	504771.4	5410524.9
L4770.0	504771.4	5410523.9	35850.39844	357.06	0	48.847667	-86.934964	56324.76	56240.2	9.78	56334.54	56348.58984	56350.07542	56363.67969	504771.4	5410523.9
L4770.0	504771.4	5410522.4	35850.50000	356.92	0	48.847653	-86.934964	56324.67	56240.2	9.78	56334.45	56348.53516	56355.26291	56368.83984	504771.4	5410522.4
L4770.0	504771.4	5410522.4	35850.60156	357.45	0	48.847653	-86.934964	56324.05	56240.2	9.79	56333.84	56347.96094	56348.15613	56361.70313	504771.4	5410522.4
L4770.0	504771.4	5410521.1	35850.69922	358.11	0	48.847642	-86.934964	56323.82	56240.2	9.79	56333.61	56347.76563	56350.03055	56363.54688	504771.4	5410521.1
L4770.0	504771.4	5410519.7	35850.80078	359.11	0	48.847629	-86.934964	56323.52	56240.2	9.80	56333.32	56347.51172	56350.48741	56363.97266	504771.4	5410519.7
L4770.0	504771.4	5410518.2	35850.89844	360.53	0	48.847616	-86.934964	56323.11	56240.2	9.81	56332.91	56347.13281	56348.11020	56361.56641	504771.4	5410518.2
L4770.0	504771.4	5410518.2	35851.00000	359.72	0	48.847616	-86.934964	56322.78	56240.2	9.81	56332.59	56346.84375	56347.86450	56361.28906	504771.4	5410518.2
L4770.0	504771.4	5410516.9	35851.00000	361.13	0	48.847604	-86.934963	56322.03	56240.2	9.81	56331.84	56346.12500	56337.46054	56350.85156	504771.4	5410516.9
L4770.0	504771.5	5410515.2	35851.10156	360.39	0	48.847589	-86.934963	56321.98	56240.2	9.81	56331.79	56346.10547	56343.61037	56356.96875	504771.5	5410515.2
L4770.0	504771.5	5410515.2	35851.30078	359.97	0	48.847589	-86.934963	56321.37	56240.2	9.81	56331.18	56345.52344	56336.53246	56349.85547	504771.5	5410515.2
L4770.0	504771.5	5410513.5	35851.39844	360.70	0	48.847573	-86.934963	56321.50	56240.2	9.81	56331.32	56345.69141	56347.19356	56360.48047	504771.5	5410513.5
L4770.0	504771.5	5410511.8	35851.50000	360.14	0	48.847558	-86.934963	56320.96	56240.2	9.82	56330.77	56345.16797	56341.55737	56354.80859	504771.5	5410511.8
L4770.0	504771.5	5410510.5	35851.60156	360.34	0	48.847547	-86.934963	56320.98	56240.2	9.82	56330.80	56345.22266	56349.64510	56362.86328	504771.5	5410510.5
L4770.0	504771.5	5410510.5	35851.69922	360.34	0	48.847547	-86.934963	56320.89	56240.2	9.82	56330.71	56345.16016	56354.91212	56368.09375	504771.5	5410510.5
L4770.0	504771.5	5410509.3	35851.80078	357.42	0	48.847535	-86.934963	56320.45	56240.2	9.82	56330.27	56344.74219	56351.92339	56365.06641	504771.5	5410509.3
L4770.0	504771.5	5410507.6	35851.89844	358.13	0	48.847521	-86.934963	56319.92	56240.2	9.82	56329.74	56344.23438	56346.82622	56359.93359	504771.5	5410507.6
L4770.0	504771.5	5410505.9	35852.00000	356.37	0	48.847505	-86.934963	56319.34	56240.2	9.82	56329.16	56343.67578	56340.56762	56353.63672	504771.5	5410505.9
L4770.0	504771.5	5410505.9	35852.10156	357.86	0	48.847505	-86.934963	56319.40	56240.2	9.82	56329.22	56343.75781	56349.45896	56362.48828	504771.5	5410505.9
L4770.0	504771.5	5410504.3	35852.19922	359.46	0	48.847490	-86.934963	56318.92	56240.2	9.82	56328.74	56343.29688	56345.60947	56358.60156	504771.5	5410504.3
L4770.0	504771.5	5410504.3	35852.30078	359.68	0	48.847490	-86.934963	56318.99	56240.2	9.82	56328.81	56343.38672	56354.78545	56367.73828	504771.5	5410504.3
L4770.0	504771.5	5410502.5	35852.39844	360.81	0	48.847475	-86.934963	56318.36	56240.2	9.82	56328.19	56342.78516	56347.67781	56360.58984	504771.5	5410502.5
L4770.0	504771.5	5410500.7	35852.50000	358.89	0	48.847459	-86.934963	56318.46	56240.2	9.82	56328.28	56342.89453	56357.38040	56370.25391	504771.5	5410500.7
L4770.0	504771.5	5410500.7	35852.60156	358.51	0	48.847459	-86.934963	56317.77	56240.2	9.83	56327.60	56342.23047	56348.91109	56361.74609	504771.5	5410500.7
L4770.0	504771.5	5410499.4	35852.69922	360.42	0	48.847446	-86.934963	56317.32	56240.2	9.83	56327.14	56341.78516	56345.67229	56358.46484	504771.5	5410499.4
L4770.0	504771.5	5410497.9	35852.80078	359.23	0	48.847433	-86.934963	56316.91	56240.2	9.83	56326.73	56341.39063	56343.64690	56356.40234	504771.5	5410497.9
L4770.0	504771.5	5410497.9	35852.89844	358.08	0	48.847433	-86.934963	56316.70	56240.2	9.83	56326.53	56341.20703	56346.61814	56359.33203	504771.5	5410497.9
L4770.0	504771.5	5410496.3	35853.00000	358.37	0	48.847418	-86.934963	56316.45	56240.2	9.83	56326.28	56340.96875	56348.44148	56361.11328	504771.5	5410496.3
L4770.0	504771.5	5410494.7	35853.00000	357.83	0	48.847404	-86.934963	56315.78	56240.2	9.83	56325.61	56340.31250	56340.37222	56353.00391	504771.5	5410494.7
L4770.0	504771.5	5410494.7	35853.10156	357.77	0	48.847404	-86.934963	56315.53	56240.2	9.83	56325.36	56340.07813	56342.26698	56354.85938	504771.5	5410494.7
L4770.0	504771.5	5410493.3	35853.30078	357.23	0	48.847392	-86.934963	56315.17	56240.2	9.83	56325.00	56339.72656	56341.59900	56354.15234	504771.5	5410493.3

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4770.0	504771.5	5410491.6	35853.39844	356.28	0	48.847376	-86.934963	56315.02	56240.2	9.83	56324.85	56339.58984	56345.93333	56358.44531	504771.5	5410491.6
L4770.0	504771.5	5410490.2	35853.50000	356.35	0	48.847364	-86.934963	56314.38	56240.2	9.83	56324.21	56338.96094	56338.72479	56351.19531	504771.5	5410490.2
L4770.0	504771.5	5410490.2	35853.60156	356.26	0	48.847364	-86.934963	56314.28	56240.2	9.83	56324.11	56338.87109	56344.32098	56356.75000	504771.5	5410490.2
L4770.0	504771.5	5410488.7	35853.69922	357.60	0	48.847350	-86.934963	56314.02	56240.2	9.83	56323.85	56338.61719	56346.17665	56358.56641	504771.5	5410488.7
L4770.0	504771.5	5410487.1	35853.80078	356.24	0	48.847336	-86.934963	56313.67	56240.2	9.83	56323.50	56338.27734	56345.94737	56358.29688	504771.5	5410487.1
L4770.0	504771.5	5410487.1	35853.89844	356.91	0	48.847336	-86.934963	56313.36	56240.2	9.83	56323.19	56337.97656	56346.70692	56359.01953	504771.5	5410487.1
L4770.0	504771.5	5410485.7	35854.00000	357.45	0	48.847323	-86.934963	56312.93	56240.2	9.83	56322.76	56337.55078	56344.67421	56356.94531	504771.5	5410485.7
L4770.0	504771.5	5410484.0	35854.10156	357.63	0	48.847308	-86.934963	56312.79	56240.2	9.83	56322.62	56337.41797	56349.54145	56361.77344	504771.5	5410484.0
L4770.0	504771.5	5410484.0	35854.19922	357.04	0	48.847308	-86.934963	56312.18	56240.2	9.83	56322.02	56336.82422	56343.58138	56355.77734	504771.5	5410484.0
L4770.0	504771.5	5410482.3	35854.30078	357.32	0	48.847292	-86.934963	56311.93	56240.2	9.83	56321.77	56336.58203	56345.94117	56358.09766	504771.5	5410482.3
L4770.0	504771.5	5410480.7	35854.39844	358.51	0	48.847278	-86.934963	56311.39	56240.2	9.83	56321.22	56336.03906	56341.25724	56353.37500	504771.5	5410480.7
L4770.0	504771.5	5410480.7	35854.50000	358.84	0	48.847278	-86.934963	56311.38	56240.2	9.83	56321.21	56336.03125	56349.38584	56361.46484	504771.5	5410480.7
L4770.0	504771.5	5410479.1	35854.60156	358.57	0	48.847264	-86.934963	56310.83	56240.2	9.84	56320.66	56335.48828	56344.79923	56356.84375	504771.5	5410479.1
L4770.0	504771.5	5410479.1	35854.69922	358.49	0	48.847264	-86.934963	56310.63	56240.2	9.84	56320.47	56335.30078	56348.77186	56360.77734	504771.5	5410479.1
L4770.0	504771.5	5410477.5	35854.80078	358.23	0	48.847250	-86.934963	56310.24	56240.2	9.84	56320.08	56334.91406	56348.06744	56360.03906	504771.5	5410477.5
L4770.0	504771.4	5410476.1	35854.89844	357.80	0	48.847237	-86.934964	56309.87	56240.2	9.84	56319.71	56334.54688	56347.88689	56359.82422	504771.4	5410476.1
L4770.0	504771.4	5410474.4	35855.00000	359.18	0	48.847222	-86.934964	56309.61	56240.2	9.84	56319.45	56334.28906	56350.35825	56362.26172	504771.4	5410474.4
L4770.0	504771.4	5410474.4	35855.00000	356.98	0	48.847222	-86.934964	56309.12	56240.2	9.84	56318.96	56333.80078	56347.44540	56359.31250	504771.4	5410474.4
L4770.0	504771.4	5410472.9	35855.10156	357.57	0	48.847208	-86.934964	56308.87	56240.2	9.84	56318.70	56333.54297	56350.02222	56361.85547	504771.4	5410472.9
L4770.0	504771.4	5410472.9	35855.30078	358.16	0	48.847208	-86.934964	56308.16	56240.2	9.83	56317.99	56332.83594	56342.01582	56353.81641	504771.4	5410472.9
L4770.0	504771.4	5410471.2	35855.39844	357.39	0	48.847193	-86.934965	56307.90	56240.2	9.83	56317.73	56332.57813	56344.70051	56356.47266	504771.4	5410471.2
L4770.0	504771.4	5410470.1	35855.50000	357.66	0	48.847183	-86.934965	56307.25	56240.2	9.83	56317.08	56331.92969	56338.22138	56349.96094	504771.4	5410470.1
L4770.0	504771.4	5410468.5	35855.60156	354.68	0	48.847169	-86.934965	56307.04	56240.2	9.83	56316.86	56331.70703	56341.96173	56353.66797	504771.4	5410468.5
L4770.0	504771.4	5410467.2	35855.69922	355.80	0	48.847156	-86.934965	56306.64	56240.2	9.83	56316.47	56331.32031	56341.73960	56353.41797	504771.4	5410467.2
L4770.0	504771.4	5410467.2	35855.80078	358.35	0	48.847156	-86.934965	56306.44	56240.2	9.82	56316.26	56331.10938	56345.82862	56357.48047	504771.4	5410467.2
L4770.0	504771.3	5410465.4	35855.89844	357.36	0	48.847141	-86.934965	56305.88	56240.2	9.82	56315.70	56330.54688	56341.70145	56353.32422	504771.3	5410465.4
L4770.0	504771.3	5410463.9	35856.00000	356.52	0	48.847127	-86.934965	56305.20	56240.2	9.82	56315.01	56329.85938	56334.55881	56346.15625	504771.3	5410463.9
L4770.0	504771.3	5410463.9	35856.00000	358.99	0	48.847127	-86.934965	56304.79	56240.2	9.82	56314.61	56329.45703	56334.32893	56345.89844	504771.3	5410463.9
L4770.0	504771.3	5410462.8	35856.19922	359.70	0	48.847117	-86.934966	56304.55	56240.2	9.82	56314.37	56329.21484	56337.93939	56349.48438	504771.3	5410462.8
L4770.0	504771.3	5410460.7	35856.30078	359.76	0	48.847098	-86.934966	56304.23	56240.2	9.83	56314.05	56328.89453	56339.71763	56351.23828	504771.3	5410460.7
L4770.0	504771.3	5410460.7	35856.39844	358.32	0	48.847098	-86.934966	56303.81	56240.2	9.83	56313.64	56328.48438	56339.42772	56350.92578	504771.3	5410460.7
L4770.0	504771.3	5410459.2	35856.50000	359.70	0	48.847085	-86.934966	56303.68	56240.2	9.83	56313.51	56328.35156	56345.81593	56357.28906	504771.3	5410459.2
L4770.0	504771.3	5410457.8	35856.60156	357.96	0	48.847072	-86.934967	56303.51	56240.2	9.83	56313.34	56328.17969	56351.31865	56362.77344	504771.3	5410457.8
L4770.0	504771.3	5410457.8	35856.69922	359.23	0	48.847072	-86.934967	56302.77	56240.2	9.83	56312.60	56327.43750	56343.40840	56354.83984	504771.3	5410457.8
L4770.0	504771.2	5410456.4	35856.80078	360.48	0	48.847060	-86.934967	56302.28	56240.2	9.84	56312.12	56326.95313	56341.70465	56353.12109	504771.2	5410456.4
L4770.0	504771.2	5410454.6	35856.89844	359.70	0	48.847044	-86.934967	56301.83	56240.2	9.84	56311.67	56326.50000	56340.77112	56352.16797	504771.2	5410454.6
L4770.0	504771.2	5410453.0	35857.00000	358.22	0	48.847029	-86.934967	56301.62	56240.2	9.84	56311.46	56326.28906	56345.57199	56356.95313	504771.2	5410453.0
L4770.0	504771.2	5410453.0	35857.00000	358.92	0	48.847029	-86.934967	56301.09	56240.2	9.84	56310.93	56325.75391	56342.87059	56354.23438	504771.2	5410453.0
L4770.0	504771.2	5410451.4	35857.10156	358.83	0	48.847015	-86.934967	56300.44	56240.2	9.84	56310.28	56325.10156	56337.39468	56348.74219	504771.2	5410451.4
L4770.0	504771.2	5410450.1	35857.30078	360.90	0	48.847003	-86.934968	56299.63	56240.2	9.84	56309.47	56324.28906	56328.19902	56339.53516	504771.2	5410450.1
L4770.0	504771.2	5410450.1	35857.39844	360.37	0	48.847003	-86.934968	56299.42	56240.2	9.84	56309.26	56324.07422	56333.24834	56344.57031	504771.2	5410450.1
L4770.0	504771.2	5410448.2	35857.50000	357.78	0	48.846986	-86.934968	56299.25	56240.2	9.84	56309.09	56323.90234	56339.30587	56350.61719	504771.2	5410448.2
L4770.0	504771.2	5410446.9	35857.60156	358.18	0	48.846974	-86.934968	56298.99	56240.2	9.84	56308.83	56323.63672	56343.29892	56354.59766	504771.2	5410446.9
L4770.0	504771.2	5410446.9	35857.69922	358.00	0	48.846974	-86.934968	56298.56	56240.2	9.84	56308.39	56323.19531	56343.10028	56354.39063	504771.2	5410446.9
L4770.0	504771.2	5410445.1	35857.80078	358.82	0	48.846958	-86.934968	56297.96	56240.2	9.84	56307.80	56322.60156	56339.41921	56350.70313	504771.2	5410445.1
L4770.0	504771.2	5410443.7	35857.89844	358.45	0	48.846945	-86.934968	56297.20	56240.2	9.84	56307.04	56321.83594	56331.78309	56343.05859	504771.2	5410443.7
L4770.0	504771.2	5410443.7	35858.00000	356.36	0	48.846945	-86.934968	56296.64	56240.2	9.84	56306.48	56321.27344	56328.93787	56340.20703	504771.2	5410443.7
L4770.0	504771.2	5410442.1	35858.10156	356.57	0	48.846931	-86.934968	56296.36	56240.2	9.84	56306.20	56320.98828	56332.77460	56344.03906	504771.2	5410442.1
L4770.0	504771.2	5410440.7	35858.19922	356.32	0	48.846919	-86.934968	56295.72	56240.2	9.84	56305.56	56320.34375	56328.16533	56339.42578	504771.2	5410440.7
L4770.0	504771.2	5410439.3	35858.30078	358.49	0	48.846906	-86.934968	56295.40	56240.2	9.84	56305.24	56320.01953	56331.18354	56342.44141	504771.2	5410439.3
L4770.0	504771.2	5410439.3	35858.39844	358.14	0	48.846906	-86.934968	56294.98	56240.2	9.84	56304.82	56319.59375	56331.90147	56343.16016	504771.2	5410439.3
L4770.0	504771.2	5410437.4	35858.50000	357.18	0	48.846889	-86.934968	56294.63	56240.2	9.83	56304.46	56319.23047	56334.10106	56345.35938	504771.2	5410437.4
L4770.0	504771.1	5410436.4	35858.60156	358.89	0	48.846880	-86.934968	56294.04	56240.2	9.83	56303.87	56318.63281	56330.92733	56342.18359	504771.1	5410436.4
L4770.0	504771.1	5410436.4	35858.69922	357.38	0	48.846880	-86.934968	56293.45	56240.2	9.83	56303.29	56318.04688	56328.05317	56339.31250	504771.1	5410436.4
L4770.0	504771.1	5410434.8	35858.80078	358.30	0	48.846865	-86.934968	56293.04	56240.2	9.83	56302.87	56317.62500	56329.02405	56340.28906	504771.1	5410434.8
L4770.0	504771.1	5410433.2	35858.89844	357.79	0	48.846851	-86.934968	56292.61	56240.2	9.83	56302.44	56317.18750	56329.82139	56341.08984	504771.1	5410433.2
L4770.0	504771.1	5410433.2	35859.00000	357.51	0	48.846851	-86.934968	56292.13	56240.2	9.83	56301.96	56316.70313	56329.49949	56340.77344	504771.1	5410433.2
L4770.0	504771.1	5410431.8	35859.00000	356.09	0	48.846838	-86.934968	56291.74	56240.2	9.83	56301.57	56316.30859	56331.36733	56342.64453	504771.1	5410431.8
L4770.0	504771.1	5410430.5	35859.10156	355.53	0	48.846826	-86.934968	56291.26	56240.2	9.83	56301.09	56315.82031	56331.16988	56342.45313	504771.1	5410430.5
L4770.0	504771.1	5410429.4	35859.30078	357.08	0	48.846817	-86.934968	56290.52	56240.2	9.83	56300.35	56315.07813	56324.88844	56336.18359	504771.1	5410429.4
L4770.0	504771.1	5410427.9	35859.39844	356.62	0	48.846803	-86.934969	56289.78	56240.2	9.83	56299.62	56314.33984	56318.90478	56330.20703	504771.1	5410427.9
L4770.0	504771.1	5410427.9	35859.50000	357.91	0	48.846803	-86.934969	56289.29	56240.2	9.83	56299.12	56313.83594	56318.41876	56329.73438	504771.1	5410427.9
L4770.0	504771.1	5410426.7	35859.60156	359.12	0	48.846793	-86.934969	56289.01	56240.2	9.84	56298.85	56313.55859	56323.42994	56334.75391	504771.1	5410426.7
L4770.0	504771.1	5410425.1	35859.69922	359.99	0	48.846778	-86.934969	56288.78	56240.2	9.84	56298.61	56313.31250	56329.21038	56340.54688	504771.1	5410425.1
L4770.0	504771.1	5410425.1	35859.80078	359.72	0	48.846778	-86.934969	56288.27	56240.2	9.84	56298.11	56312.80469	56328.90470	56340.25391	504771.1	5410425.1
L4770.0	504771.1	5410423.5	35859.89844	360.68	0	48.846764	-86.934969	56287.58	56240.2	9.84	56297.42	56312.10938	56324.16702	56335.53125	504771.1	5410423.5
L4770.0	504771.1	5410422.4	35860.00000	361.18	0	48.846754	-86.934969	56287.11	56240.2	9.84	56296.95	56311.63281	56324.68813	56336.06641	504771.1	5410422.4
L4770.0	504771.1	5410420.8	35860.10156	361.33	0	48.846740	-86.934969	56286.43	56240.2	9.84	56296.27	56310.94922	56320.30333	56331.69531	504771.1	5410420.8
L4770.0	504771.1	5410419.3	35860.19922	359.37	0	48.846726	-86.934969	56285.82	56240.2	9.84	56295.66	56310.33203	56317.63050	56329.04297	504771.1	5410419.3
L4770.0	504771.1	5410419.3	35860.30078	359.72	0	48.846726	-86.934969	56285.24	56240.2	9.84	56295.08	56309.74219	56315.72347	56327.15234	504771.1	5410419.3
L4770.0	504771.1	5410417.7	35860.39844	358.55	0	48.846711	-86.934969	56284.82	56240.2	9.84	56294.66	56309.31641	56317.65445	56329.10156	504771.1	5410417.7
L4770.0	504771.1	5410416.3	35860.50000	356.03	0	48.846699	-86.934969	56284.42	56240.2	9.84	56294.26	56308.91016	56320.11346	56331.58203	504771.1	5410416.3
L4770.0	504771.1	5410416.3	35860.60156	355.72	0	48.846699	-86.934969	56284.14	56240.2	9.84	56293.98	56308.62109	56325.46351	56336.94922	504771.1	5410416.3
L4770.0	504771.1	5410414.4	35860.69922	354.36	0	48.846682	-86.934969	56283.65	56240.2	9.84	56293.49	56308.12500	56325.90347	56337.41016	504771.1	5410414.4
L4770.0	504771.1	5410412.9	35860.80078	354.17	0	48.846668	-86.934969	56282.96	56240.2	9.84	56292.80	56307.42969	56321.66891	56333.19922	504771.1	5410412.9
L4770.0	504771.1	5410411.5	35860.89844	356.01	0	48.846656	-86.934969	56282.27	56240.2	9.84	56292.11	56306.73047	56317.48650	56329.03906	504771.1	5410411.5
L4770.0	504771.1	5410411.5	35861.00000	355.57	0	48.846656	-86.934969	56281.62	56240.2	9.84	56291.46	56306.07422	56314.30089	56325.87500	504771.1	5410411.5
L4770.0	504771.1	5410409.4	35861.00000	353.45	0	48.846637	-86.934969	56281.10	56240.2	9.84	56290.94	56305.54297	56314.23860	56325.83594	504771.1	5410409.4
L4770.0	504771.1	5410408.2	35861.10156	354.53	0	48.846626	-86.934969	56280.38	56240.2	9.84	56290.22	56304.81641	56309.49835	56321.12109	504771.1	5410408.2
L4770.0	504771.1	5410408.2	35861.30078	355.26	0	48.846626	-86.934969	56279.98	56240.2	9.83	56289.81	56304.39844	56312.13434	56323.78125	504771.1	5410408.2
L4770.0	504771.1	5410406.8	35861.39844	353.97	0	48.846614	-86.934969	56279.52	56240.2	9.83	56289.35	56303.92969	56313.63615	56325.30859	504771.1	5410406.8
L4770.0	504771.1	5410405.2	35861.50000	356.05	0	48.846599	-86.934969	56278.73	56240.2	9.83	56288.56	56303.13281	56307.38433	56319.08203	504771.1	5410405.2
L4770.0	504771.1	5410405.2	35861.50000	357.20	0	48.846599	-86.934969	56278.26	56240.2	9.83	56288.09	56302.65234	56308.74227	56320.46484	504771.1	5410405.2
L4770.0	504771.1	5410405.2	35861.69922	357.96	0	48.846599	-86.934969	56278.01	56240.2	9.83	56287.84	56302.39453	56315.34524	56327.09766	504771.1	5410405.2
L4770.0	504771.1	5410401.9	35861.80078	358.69	0	48.846569	-86.934969	56277.78	56240.2	9.82	56287.60	56302.14453	56322.22836	56334.00781	504771.1	5410401.9
L4770.0	504771.1	5410401.9	35861.89844	360.16	0	48.846569	-86.934969	56276.94	56240.2	9.82	56286.76	56301.29688	56314.97175	56326.78125	504771.1	5410401.9
L4770.0	504771.1	5410400.4	35862.00000	358.84	0	48.846556	-86.934969	56276.18	56240.2	9.82	56286.00	56300.52344	56309.64789	56321.48438	504771.1	5410400.4
L4770.0	504771.1	5410399.1	35862.10156	358.37	0	48.846544	-86.934969	56275.58	56240.2	9.82	56285.40	56299.91406	56308.14672	56320.01172	504771.1	5410399.1
L4770.0	504771.2	5410397.5	35862.19922	358.35	0	48.846529	-86.934969	56275.14	56240.2	9.81	56284.95	56299.45703	56310.23083	56322.12500	504771.2	5410397.5
L4770.0	504771.2	5410397.5	35862.30078	358.84	0	48.846529	-86.934969	56274.29	56240.2	9.81	56284.10	56298.59375	56302.89854	56314.82031	504771.2	5410397.5
L4770.0	504771.2	5410396.2	35862.39844	358.25	0	48.846518	-86.934969	56273.70	56240.2	9.81	56283.50	56297.98438	56301.51318	56313.46484	504771.2	5410396.2
L4770.0	504771.2	5410394.6	35862.50000	359.00	0	48.846504	-86.934968	56273.45	56240.2	9.81	56283.25	56297.72266	56308.43741	56320.41797	504771.2	5410394.6
L4770.0	504771.2	5410394.6	35862.60156	359.74	0	48.846504	-86.934968	56272.94	56240.2	9.80	56282.74	56297.20313	56309.25130	56321.26172	504771.2	5410394.6

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4770.0	504771.2	5410393.0	35862.69922	360.48	0	48.846489	-86.934968	56272.55	56240.2	9.80	56282.35	56296.80078	56312.93603	56324.97656	504771.2	5410393.0
L4770.0	504771.2	5410391.2	35862.80078	360.84	0	48.846473	-86.934968	56271.50	56240.2	9.80	56281.30	56295.73828	56301.05330	56313.12500	504771.2	5410391.2
L4770.0	504771.2	5410391.2	35862.89844	361.11	0	48.846473	-86.934968	56270.99	56240.2	9.79	56280.78	56295.20703	56301.73062	56313.83594	504771.2	5410391.2
L4770.0	504771.2	5410390.1	35863.00000	358.44	0	48.846463	-86.934968	56270.13	56240.2	9.79	56279.92	56294.33594	56294.40233	56306.53516	504771.2	5410390.1
L4770.0	504771.2	5410388.7	35863.00000	358.07	0	48.846451	-86.934968	56270.00	56240.2	9.79	56279.79	56294.19141	56304.35946	56316.52344	504771.2	5410388.7
L4770.0	504771.2	5410387.3	35863.10156	356.33	0	48.846438	-86.934968	56269.34	56240.2	9.79	56279.13	56293.51953	56301.81772	56314.01172	504771.2	5410387.3
L4770.0	504771.2	5410387.3	35863.30078	356.63	0	48.846438	-86.934968	56269.00	56240.2	9.80	56278.80	56293.17578	56307.10429	56319.33203	504771.2	5410387.3
L4770.0	504771.2	5410385.7	35863.39844	357.08	0	48.846424	-86.934968	56268.29	56240.2	9.80	56278.09	56292.45313	56303.43550	56315.69141	504771.2	5410385.7
L4770.0	504771.2	5410383.9	35863.50000	356.25	0	48.846408	-86.934968	56267.38	56240.2	9.80	56277.18	56291.52734	56295.06506	56307.35156	504771.2	5410383.9
L4770.0	504771.2	5410383.9	35863.60156	357.69	0	48.846408	-86.934968	56266.98	56240.2	9.80	56276.78	56291.11328	56298.77453	56311.08984	504771.2	5410383.9
L4770.0	504771.2	5410382.5	35863.69922	357.49	0	48.846395	-86.934968	56266.12	56240.2	9.80	56275.92	56290.24219	56291.63454	56303.98047	504771.2	5410382.5
L4770.0	504771.2	5410381.4	35863.80078	357.07	0	48.846385	-86.934968	56265.99	56240.2	9.81	56275.79	56290.09375	56301.77266	56314.14844	504771.2	5410381.4
L4770.0	504771.2	5410379.8	35863.89844	357.67	0	48.846370	-86.934968	56264.88	56240.2	9.81	56274.68	56288.96875	56288.76781	56301.17578	504771.2	5410379.8
L4770.0	504771.2	5410379.8	35864.00000	356.29	0	48.846370	-86.934968	56264.38	56240.2	9.81	56274.19	56288.46484	56290.43894	56302.87500	504771.2	5410379.8
L4770.0	504771.2	5410378.2	35864.10156	357.10	0	48.846356	-86.934968	56263.73	56240.2	9.81	56273.54	56287.79688	56288.34785	56300.81250	504771.2	5410378.2
L4770.0	504771.2	5410376.8	35864.19922	355.79	0	48.846344	-86.934968	56263.39	56240.2	9.82	56273.21	56287.45313	56293.83956	56306.33203	504771.2	5410376.8
L4770.0	504771.2	5410375.2	35864.30078	357.73	0	48.846329	-86.934968	56262.86	56240.2	9.82	56272.68	56286.90625	56294.62162	56307.14453	504771.2	5410375.2
L4770.0	504771.2	5410375.2	35864.39844	357.98	0	48.846329	-86.934968	56262.62	56240.2	9.83	56272.44	56286.64844	56302.27546	56314.82422	504771.2	5410375.2
L4770.0	504771.2	5410373.4	35864.50000	355.38	0	48.846313	-86.934968	56262.09	56240.2	9.83	56271.92	56286.10938	56303.32679	56315.90234	504771.2	5410373.4
L4770.0	504771.2	5410373.4	35864.60156	355.15	0	48.846313	-86.934968	56261.36	56240.2	9.83	56271.19	56285.36328	56299.42933	56312.03125	504771.2	5410373.4
L4770.0	504771.2	5410371.9	35864.69922	353.12	0	48.846300	-86.934968	56260.78	56240.2	9.84	56270.62	56284.77344	56299.32805	56311.95703	504771.2	5410371.9
L4770.0	504771.2	5410370.2	35864.80078	354.02	0	48.846284	-86.934968	56259.96	56240.2	9.84	56269.81	56283.94531	56293.56710	56306.22266	504771.2	5410370.2
L4770.0	504771.2	5410368.8	35864.89844	356.38	0	48.846272	-86.934968	56259.56	56240.2	9.85	56269.41	56283.52734	56297.50998	56310.19141	504771.2	5410368.8
L4770.0	504771.2	5410368.8	35865.00000	356.85	0	48.846272	-86.934968	56258.76	56240.2	9.85	56268.61	56282.70703	56292.00950	56304.71094	504771.2	5410368.8
L4770.0	504771.2	5410366.7	35865.00000	357.40	0	48.846252	-86.934968	56258.42	56240.2	9.85	56268.27	56282.34766	56297.39309	56310.12109	504771.2	5410366.7
L4770.0	504771.2	5410365.2	35865.10156	357.98	0	48.846239	-86.934968	56257.64	56240.2	9.85	56267.49	56281.54688	56292.38621	56305.13672	504771.2	5410365.2
L4770.0	504771.2	5410365.2	35865.30078	357.71	0	48.846239	-86.934968	56256.93	56240.2	9.84	56266.78	56280.81641	56289.04322	56301.81641	504771.2	5410365.2
L4770.0	504771.2	5410363.8	35865.39844	358.57	0	48.846227	-86.934968	56256.36	56240.2	9.84	56266.20	56280.21484	56288.78161	56301.57422	504771.2	5410363.8
L4770.0	504771.2	5410363.8	35865.50000	359.04	0	48.846227	-86.934968	56255.84	56240.2	9.84	56265.68	56279.67188	56289.94604	56302.75781	504771.2	5410363.8
L4770.0	504771.2	5410362.2	35865.60156	358.44	0	48.846212	-86.934969	56255.40	56240.2	9.84	56265.24	56279.21094	56293.00856	56305.83984	504771.2	5410362.2
L4770.0	504771.2	5410360.6	35865.69922	358.47	0	48.846198	-86.934969	56254.38	56240.2	9.84	56264.22	56278.16797	56282.36775	56295.21875	504771.2	5410360.6
L4770.0	504771.2	5410360.6	35865.80078	359.14	0	48.846198	-86.934969	56253.82	56240.2	9.83	56263.65	56277.57422	56282.36957	56295.24219	504771.2	5410360.6
L4770.0	504771.2	5410358.9	35865.89844	359.45	0	48.846182	-86.934969	56252.90	56240.2	9.83	56262.73	56276.62891	56274.10341	56286.99219	504771.2	5410358.9
L4770.0	504771.2	5410357.2	35865.89844	359.47	0	48.846167	-86.934968	56252.74	56240.2	9.83	56262.57	56276.44531	56283.80628	56296.70703	504771.2	5410357.2
L4770.0	504771.2	5410356.2	35866.00000	361.67	0	48.846158	-86.934968	56251.93	56240.2	9.83	56261.76	56275.60938	56278.14876	56291.06250	504771.2	5410356.2
L4770.0	504771.2	5410356.2	35866.19922	361.42	0	48.846158	-86.934968	56251.70	56240.2	9.83	56261.53	56275.35547	56286.20442	56299.13281	504771.2	5410356.2
L4770.0	504771.2	5410354.2	35866.30078	359.84	0	48.846141	-86.934968	56251.06	56240.2	9.83	56260.89	56274.69141	56284.57163	56297.51563	504771.2	5410354.2
L4770.0	504771.2	5410352.7	35866.39844	360.26	0	48.846127	-86.934968	56250.68	56240.2	9.83	56260.51	56274.28516	56289.08704	56302.03906	504771.2	5410352.7
L4770.0	504771.2	5410352.7	35866.50000	359.28	0	48.846127	-86.934968	56249.78	56240.2	9.82	56259.61	56273.35547	56281.31295	56294.27344	504771.2	5410352.7
L4770.0	504771.2	5410351.4	35866.60156	355.77	0	48.846115	-86.934968	56249.02	56240.2	9.82	56258.84	56272.55859	56276.61332	56289.58203	504771.2	5410351.4
L4770.0	504771.2	5410350.1	35866.69922	355.20	0	48.846104	-86.934968	56248.23	56240.2	9.82	56258.05	56271.74219	56271.44215	56284.41797	504771.2	5410350.1
L4770.0	504771.2	5410350.1	35866.80078	355.34	0	48.846104	-86.934968	56247.28	56240.2	9.82	56257.10	56270.76563	56262.48984	56275.47266	504771.2	5410350.1
L4770.0	504771.2	5410348.1	35866.89844	355.81	0	48.846086	-86.934968	56247.01	56240.2	9.82	56256.83	56270.46484	56269.61158	56282.59766	504771.2	5410348.1
L4770.0	504771.2	5410348.1	35867.00000	355.93	0	48.846086	-86.934968	56246.41	56240.2	9.82	56256.23	56269.83594	56268.93322	56281.92188	504771.2	5410348.1
L4770.0	504771.2	5410346.6	35867.00000	355.31	0	48.846072	-86.934968	56246.19	56240.2	9.82	56256.01	56269.58594	56277.23716	56290.22656	504771.2	5410346.6
L4770.0	504771.2	5410345.1	35867.10156	354.70	0	48.846058	-86.934968	56245.24	56240.2	9.82	56255.06	56268.60547	56268.28560	56281.27734	504771.2	5410345.1
L4770.0	504771.2	5410343.6	35867.30078	355.34	0	48.846045	-86.934968	56244.82	56240.2	9.82	56254.64	56268.15625	56271.86160	56284.85156	504771.2	5410343.6
L4770.0	504771.2	5410342.4	35867.39844	356.55	0	48.846034	-86.934968	56244.40	56240.2	9.82	56254.22	56267.70313	56275.43721	56288.42188	504771.2	5410342.4
L4770.0	504771.2	5410340.9	35867.50000	355.94	0	48.846021	-86.934968	56243.90	56240.2	9.82	56253.72	56267.17188	56277.12135	56290.10156	504771.2	5410340.9
L4770.0	504771.2	5410340.9	35867.60156	354.78	0	48.846021	-86.934968	56243.23	56240.2	9.82	56253.05	56266.46875	56274.78664	56287.75781	504771.2	5410340.9
L4770.0	504771.3	5410339.1	35867.69922	356.91	0	48.846004	-86.934968	56242.23	56240.2	9.82	56252.05	56265.43750	56264.65111	56277.61719	504771.3	5410339.1
L4770.0	504771.3	5410339.1	35867.80078	357.01	0	48.846004	-86.934968	56241.56	56240.2	9.82	56251.38	56264.73438	56262.31557	56275.27344	504771.3	5410339.1
L4770.0	504771.3	5410337.5	35867.89844	358.57	0	48.845990	-86.934968	56240.83	56240.2	9.82	56250.65	56263.96875	56258.56152	56271.50391	504771.3	5410337.5
L4770.0	504771.3	5410336.3	35868.00000	357.73	0	48.845979	-86.934968	56240.70	56240.2	9.82	56250.52	56263.80469	56268.98990	56281.91797	504771.3	5410336.3
L4770.0	504771.3	5410334.7	35868.10156	357.53	0	48.845965	-86.934968	56240.29	56240.2	9.82	56250.11	56263.35938	56272.79994	56285.71484	504771.3	5410334.7
L4770.0	504771.3	5410334.7	35868.19922	356.40	0	48.845965	-86.934968	56239.84	56240.2	9.82	56249.65	56262.86328	56275.42854	56288.32422	504771.3	5410334.7
L4770.0	504771.2	5410332.9	35868.30078	356.69	0	48.845949	-86.934968	56238.92	56240.2	9.81	56248.73	56261.91016	56267.18469	56280.06250	504771.2	5410332.9
L4770.0	504771.2	5410332.9	35868.39844	360.05	0	48.845949	-86.934968	56238.20	56240.2	9.81	56248.01	56261.15234	56263.66952	56276.52734	504771.2	5410332.9
L4770.0	504771.3	5410331.3	35868.50000	359.77	0	48.845934	-86.934968	56237.25	56240.2	9.81	56247.06	56260.16406	56254.71936	56267.55078	504771.3	5410331.3
L4770.0	504771.3	5410329.7	35868.60156	359.07	0	48.845920	-86.934968	56236.80	56240.2	9.81	56246.61	56259.67578	56257.59010	56270.39844	504771.3	5410329.7
L4770.0	504771.3	5410328.3	35868.69922	358.21	0	48.845907	-86.934968	56236.32	56240.2	9.81	56246.12	56259.14844	56259.51807	56272.30078	504771.3	5410328.3
L4770.0	504771.3	5410328.3	35868.80078	358.08	0	48.845907	-86.934968	56235.90	56240.2	9.80	56245.70	56258.69141	56263.10403	56275.85938	504771.3	5410328.3
L4770.0	504771.3	5410326.6	35868.89844	357.39	0	48.845892	-86.934968	56235.50	56240.2	9.80	56245.30	56258.25391	56267.16682	56279.89063	504771.3	5410326.6
L4770.0	504771.3	5410325.3	35868.89844	356.27	0	48.845880	-86.934968	56235.24	56240.2	9.80	56245.04	56257.95313	56274.54370	56287.23047	504771.3	5410325.3
L4770.0	504771.3	5410324.1	35869.00000	358.94	0	48.845870	-86.934968	56234.27	56240.2	9.80	56244.07	56256.94141	56265.14366	56277.79688	504771.3	5410324.1
L4770.0	504771.3	5410324.1	35869.10156	359.58	0	48.845870	-86.934968	56233.46	56240.2	9.80	56243.26	56256.09375	56259.53219	56272.14844	504771.3	5410324.1
L4770.0	504771.3	5410322.5	35869.19922	358.67	0	48.845855	-86.934968	56232.86	56240.2	9.80	56242.66	56255.45313	56258.89216	56271.47266	504771.3	5410322.5
L4770.0	504771.3	5410321.2	35869.30078	358.06	0	48.845844	-86.934968	56232.25	56240.2	9.81	56242.06	56254.80859	56258.26073	56270.79688	504771.3	5410321.2
L4770.0	504771.3	5410321.2	35869.39844	355.52	0	48.845844	-86.934968	56232.08	56240.2	9.81	56241.89	56254.59766	56267.80313	56280.29688	504771.3	5410321.2
L4770.0	504771.3	5410319.8	35869.50000	358.08	0	48.845831	-86.934967	56231.26	56240.2	9.81	56241.07	56253.73828	56261.99208	56274.43750	504771.3	5410319.8
L4770.0	504771.3	5410317.6	35869.60156	359.02	0	48.845811	-86.934967	56230.79	56240.2	9.81	56240.60	56253.22266	56264.46630	56276.86719	504771.3	5410317.6
L4770.0	504771.3	5410317.6	35869.69922	357.37	0	48.845811	-86.934967	56230.09	56240.2	9.81	56239.90	56252.48047	56261.51740	56273.87109	504771.3	5410317.6
L4770.0	504771.3	5410316.1	35869.80078	357.32	0	48.845797	-86.934967	56229.54	56240.2	9.82	56239.36	56251.89844	56262.36540	56274.66406	504771.3	5410316.1
L4770.0	504771.3	5410314.4	35869.89844	358.08	0	48.845783	-86.934967	56228.91	56240.2	9.82	56238.72	56251.21484	56260.86603	56273.10938	504771.3	5410314.4
L4770.0	504771.3	5410314.4	35870.00000	358.41	0	48.845783	-86.934967	56228.30	56240.2	9.82	56238.12	56250.57031	56260.33011	56272.51563	504771.3	5410314.4
L4770.0	504771.3	5410312.6	35870.10156	358.02	0	48.845766	-86.934967	56227.64	56240.2	9.82	56237.46	56249.86328	56258.39550	56270.52344	504771.3	5410312.6
L4770.0	504771.3	5410311.0	35870.19922	356.87	0	48.845752	-86.934967	56226.71	56240.2	9.82	56236.53	56248.89063	56250.10006	56262.16797	504771.3	5410311.0
L4770.0	504771.3	5410311.0	35870.39844	359.69	0	48.845752	-86.934967	56226.25	56240.2	9.82	56236.07	56248.38281	56252.93731	56264.94141	504771.3	5410311.0
L4770.0	504771.3	5410311.0	35870.50000	361.06	0	48.845752	-86.934967	56225.77	56240.2	9.82	56235.58	56247.84766	56255.09035	56267.02734	504771.3	5410311.0
L4770.0	504771.4	5410309.7	35870.60156	360.31	0	48.845740	-86.934967	56225.46	56240.2	9.81	56235.28	56247.50391	56261.76139	56273.62891	504771.4	5410309.7
L4770.0	504771.4	5410308.3	35870.69922	358.79	0	48.845728	-86.934967	56224.81	56240.2	9.81	56234.62	56246.79688	56259.95180	56271.75391	504771.4	5410308.3
L4770.0	504771.4	5410306.9	35870.80078	361.20	0	48.845715	-86.934967	56224.18	56240.2	9.81	56234.00	56246.12891	56259.11868	56270.84766	504771.4	5410306.9
L4770.0	504771.4	5410305.5	35870.89844	359.73	0	48.845702	-86.934967	56223.40	56240.2	9.81	56233.21	56245.29297	56254.30032	56265.95313	504771.4	5410305.5
L4770.0	504771.4	5410305.5	35871.00000	360.47	0	48.845702	-86.934967	56222.81	56240.2	9.81	56232.62	56244.65625	56254.24483	56265.82031	504771.4	5410305.5
L4770.0	504771.4	5410303.9	35871.00000	360.99	0	48.845688	-86.934967	56222.20	56240.2	9.81	56232.01	56244.00000	56253.75427	56265.25000	504771.4	5410303.9
L4770.0	504771.4	5410302.6	35871.10156	359.13	0	48.845676	-86.934967	56221.43	56240.2	9.81	56231.23	56243.17188	56249.28540	56260.70313	504771.4	5410302.6
L4770.0	504771.4	5410301.0	35871.30078	358.94	0	48.845662	-86.934967	56220.88	56240.2	9.80	56230.68	56242.57422	56250.29569	56261.62891	504771.4	5410301.0
L4770.0	504771.3	5410299.6	35871.39844	358.53	0	48.845650	-86.934967	56220.34	56240.2	9.79	56230.13	56241.97656	56251.35104	56262.59766	504771.3	5410299.6
L4770.0	504771.3	5410299.6	35871.50000	360.00	0	48.845650	-86.934967	56220.16	56240.2	9.79	56229.95	56241.74609	56261.19991	56272.35938	504771.3	5410299.6
L4770.0	504771.3	5410298.0	35871.60156	359.59	0	48.845635	-86.934967	56219.37	56240.2	9.79	56229.15	56240.89844	56256.44388	56267.51172	504771.3	5410298.0
L4770.0	504771.3	5410296.6	35871.69922	360.95	0	48.845622	-86.934967	56218.72	56240.2	9.78	56228.50	56240.19922	56255.28654	56266.26563	504771.3	5410296.6
L4770.0	504771.3	5410296.6	35871.80078	360.96	0	48.845622	-86.934967	56217.86	56240.2	9.78	56227.64	56239.29297	56249.22121	56260.10547	504771.3	5410296.6
L4770.0	504771.3	5410294.5	35871.89844	360.95	0	48.845604	-86.934967	56217.69	56240.2	9.77	56227.46	56239.06250	56259.28812	56270.07422	504771.3	5410294.5

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4770.0	504771.3	5410293.1	35871.89844	360.93	0	48.845591	-86.934967	56217.32	56240.2	9.77	56227.10	56238.65234	56265.16197	56275.85156	504771.3	5410293.1
L4770.0	504771.3	5410293.1	35872.10156	360.14	0	48.845591	-86.934967	56216.50	56240.2	9.77	56226.27	56237.77344	56259.99088	56270.57813	504771.3	5410293.1
L4770.0	504771.3	5410291.5	35872.19922	359.17	0	48.845577	-86.934967	56215.49	56240.2	9.77	56225.26	56236.71484	56250.63279	56261.12109	504771.3	5410291.5
L4770.0	504771.3	5410291.5	35872.30078	360.55	0	48.845577	-86.934967	56215.00	56240.2	9.77	56224.77	56236.17578	56253.63705	56264.01953	504771.3	5410291.5
L4770.0	504771.3	5410289.9	35872.39844	359.49	0	48.845561	-86.934967	56214.29	56240.2	9.77	56224.06	56235.41797	56251.51509	56261.79297	504771.3	5410289.9
L4770.0	504771.3	5410288.2	35872.50000	358.67	0	48.845547	-86.934967	56213.58	56240.2	9.77	56223.35	56234.66016	56249.47040	56259.63672	504771.3	5410288.2
L4770.0	504771.4	5410286.5	35872.60156	358.56	0	48.845532	-86.934967	56212.93	56240.2	9.78	56222.70	56233.96094	56248.92449	56258.98047	504771.4	5410286.5
L4770.0	504771.4	5410286.5	35872.69922	358.39	0	48.845532	-86.934967	56212.09	56240.2	9.78	56221.87	56233.08203	56244.20771	56254.15625	504771.4	5410286.5
L4770.0	504771.4	5410284.9	35872.80078	358.49	0	48.845517	-86.934967	56211.56	56240.2	9.78	56221.34	56232.50391	56246.66944	56256.50391	504771.4	5410284.9
L4770.0	504771.4	5410283.6	35872.89844	358.97	0	48.845505	-86.934967	56210.67	56240.2	9.78	56220.45	56231.56641	56240.71235	56250.43359	504771.4	5410283.6
L4770.0	504771.4	5410283.6	35872.89844	359.18	0	48.845505	-86.934967	56210.06	56240.2	9.78	56219.84	56230.91016	56241.46791	56251.07031	504771.4	5410283.6
L4770.0	504771.4	5410282.2	35873.00000	359.42	0	48.845493	-86.934967	56209.36	56240.2	9.78	56219.14	56230.16406	56240.19377	56249.67578	504771.4	5410282.2
L4770.0	504771.4	5410280.6	35873.10156	358.53	0	48.845478	-86.934967	56208.85	56240.2	9.78	56218.63	56229.60547	56243.51198	56252.87891	504771.4	5410280.6
L4770.0	504771.4	5410279.2	35873.30078	357.98	0	48.845466	-86.934967	56208.14	56240.2	9.78	56217.92	56228.84766	56242.20750	56251.45313	504771.4	5410279.2
L4770.0	504771.4	5410279.2	35873.39844	359.21	0	48.845466	-86.934967	56207.85	56240.2	9.78	56217.62	56228.50391	56250.70283	56259.82422	504771.4	5410279.2
L4770.0	504771.4	5410277.6	35873.50000	357.06	0	48.845451	-86.934966	56206.94	56240.2	9.78	56216.72	56227.55859	56245.12777	56254.12500	504771.4	5410277.6
L4770.0	504771.5	5410276.1	35873.60156	357.93	0	48.845437	-86.934966	56206.40	56240.2	9.77	56216.17	56226.96094	56247.94162	56256.81250	504771.5	5410276.1
L4770.0	504771.5	5410276.1	35873.69922	356.25	0	48.845437	-86.934966	56205.38	56240.2	9.77	56215.16	56225.90625	56240.00174	56248.75000	504771.5	5410276.1
L4770.0	504771.5	5410274.5	35873.80078	358.21	0	48.845423	-86.934966	56204.64	56240.2	9.77	56214.41	56225.11328	56238.33086	56246.95313	504771.5	5410274.5
L4770.0	504771.5	5410272.7	35873.89844	356.37	0	48.845407	-86.934965	56203.84	56240.2	9.77	56213.61	56224.26953	56235.60513	56244.09766	504771.5	5410272.7
L4770.0	504771.5	5410272.7	35874.00000	357.62	0	48.845407	-86.934965	56203.54	56240.2	9.77	56213.31	56223.92578	56244.82896	56253.18750	504771.5	5410272.7
L4770.0	504771.5	5410271.1	35874.10156	357.50	0	48.845393	-86.934965	56203.16	56240.2	9.77	56212.93	56223.50391	56252.29640	56260.52734	504771.5	5410271.1
L4770.0	504771.5	5410271.1	35874.19922	358.46	0	48.845393	-86.934965	56202.35	56240.2	9.77	56212.11	56222.64063	56249.50181	56257.60156	504771.5	5410271.1
L4770.0	504771.5	5410269.5	35874.30078	357.78	0	48.845379	-86.934965	56201.68	56240.2	9.76	56211.45	56221.94141	56250.63149	56258.60156	504771.5	5410269.5
L4770.0	504771.5	5410267.9	35874.39844	355.46	0	48.845364	-86.934965	56200.98	56240.2	9.76	56210.75	56221.20313	56250.96183	56258.80078	504771.5	5410267.9
L4770.0	504771.5	5410266.1	35874.50000	355.84	0	48.845348	-86.934965	56200.25	56240.2	9.76	56210.01	56220.42188	56250.49667	56258.19922	504771.5	5410266.1
L4770.0	504771.5	5410266.1	35874.60156	357.83	0	48.845348	-86.934965	56199.14	56240.2	9.76	56208.90	56219.27344	56241.43952	56249.00781	504771.5	5410266.1
L4770.0	504771.6	5410264.7	35874.69922	357.08	0	48.845335	-86.934965	56198.43	56240.2	9.76	56208.19	56218.52734	56241.99512	56249.43359	504771.6	5410264.7
L4770.0	504771.6	5410263.4	35874.80078	356.54	0	48.845323	-86.934965	56198.00	56240.2	9.75	56207.75	56218.05078	56249.09448	56256.40234	504771.6	5410263.4
L4770.0	504771.6	5410263.4	35874.89844	354.93	0	48.845323	-86.934965	56197.24	56240.2	9.75	56206.99	56217.25391	56248.79537	56255.96875	504771.6	5410263.4
L4770.0	504771.6	5410261.8	35874.89844	353.52	0	48.845309	-86.934965	56196.30	56240.2	9.75	56206.05	56216.28125	56244.41092	56251.44922	504771.6	5410261.8
L4770.0	504771.6	5410260.2	35875.00000	354.88	0	48.845295	-86.934965	56195.60	56240.3	9.75	56205.35	56215.54688	56245.87276	56252.77734	504771.6	5410260.2
L4770.0	504771.6	5410258.6	35875.10156	355.79	0	48.845280	-86.934965	56194.71	56240.3	9.75	56204.46	56214.62500	56243.02065	56249.79297	504771.6	5410258.6
L4770.0	504771.6	5410258.6	35875.30078	356.50	0	48.845280	-86.934965	56193.77	56240.3	9.75	56203.52	56213.65625	56239.16771	56245.80859	504771.6	5410258.6
L4770.0	504771.6	5410257.4	35875.39844	355.65	0	48.845269	-86.934965	56193.04	56240.3	9.75	56202.78	56212.88672	56240.22718	56246.73438	504771.6	5410257.4
L4770.0	504771.6	5410257.4	35875.50000	356.85	0	48.845269	-86.934965	56192.39	56240.3	9.75	56202.13	56212.21094	56243.60279	56249.97656	504771.6	5410257.4
L4770.0	504771.6	5410255.6	35875.60156	355.81	0	48.845253	-86.934965	56191.39	56240.3	9.74	56201.14	56211.19141	56239.13428	56245.37891	504771.6	5410255.6
L4770.0	504771.6	5410254.0	35875.69922	356.20	0	48.845239	-86.934965	56190.68	56240.3	9.74	56200.43	56210.45703	56241.48070	56247.59766	504771.6	5410254.0
L4770.0	504771.6	5410254.0	35875.80078	357.77	0	48.845239	-86.934965	56189.91	56240.3	9.74	56199.65	56209.65625	56242.37278	56248.35938	504771.6	5410254.0
L4770.0	504771.6	5410252.8	35875.89844	358.94	0	48.845228	-86.934965	56189.14	56240.3	9.74	56198.88	56208.86328	56243.70530	56249.56641	504771.6	5410252.8
L4770.0	504771.6	5410250.9	35875.89844	359.62	0	48.845211	-86.934965	56188.12	56240.3	9.74	56197.86	56207.82422	56239.33631	56245.06641	504771.6	5410250.9
L4770.0	504771.6	5410249.5	35876.00000	360.08	0	48.845199	-86.934965	56187.27	56240.3	9.74	56197.01	56206.95703	56239.19732	56244.80469	504771.6	5410249.5
L4770.0	504771.6	5410248.2	35876.19922	361.28	0	48.845187	-86.934965	56186.34	56240.3	9.74	56196.08	56206.00781	56237.38270	56242.86719	504771.6	5410248.2
L4770.0	504771.6	5410248.2	35876.30078	362.50	0	48.845187	-86.934965	56185.50	56240.3	9.74	56195.24	56205.15625	56237.91455	56243.27734	504771.6	5410248.2
L4770.0	504771.6	5410248.2	35876.39844	362.14	0	48.845187	-86.934965	56184.60	56240.3	9.74	56194.34	56204.24219	56237.25094	56242.49609	504771.6	5410248.2
L4770.0	504771.6	5410246.5	35876.50000	363.24	0	48.845172	-86.934965	56183.62	56240.3	9.74	56193.36	56203.25000	56234.92280	56240.04688	504771.6	5410246.5
L4770.0	504771.6	5410244.7	35876.60156	364.34	0	48.845155	-86.934965	56182.77	56240.3	9.74	56192.51	56202.39063	56235.89765	56240.90625	504771.6	5410244.7
L4770.0	504771.6	5410244.7	35876.69922	362.19	0	48.845155	-86.934965	56181.79	56240.3	9.74	56191.53	56201.40625	56234.03335	56238.92969	504771.6	5410244.7
L4770.0	504771.6	5410243.4	35876.80078	360.33	0	48.845143	-86.934965	56180.83	56240.3	9.74	56190.57	56200.44141	56232.87912	56237.66797	504771.6	5410243.4
L4770.0	504771.5	5410241.7	35876.89844	362.08	0	48.845129	-86.934965	56179.92	56240.3	9.74	56189.66	56199.52734	56233.14762	56237.82422	504771.5	5410241.7
L4770.0	504771.5	5410240.4	35876.89844	361.51	0	48.845116	-86.934965	56179.06	56240.3	9.74	56188.80	56198.66797	56234.84239	56239.41406	504771.5	5410240.4
L4770.0	504771.5	5410240.4	35877.00000	361.13	0	48.845116	-86.934965	56177.94	56240.3	9.74	56187.68	56197.55078	56230.63928	56235.10938	504771.5	5410240.4
L4770.0	504771.5	5410238.5	35877.10156	358.78	0	48.845099	-86.934965	56176.90	56240.3	9.74	56186.64	56196.51563	56228.57848	56232.94922	504771.5	5410238.5
L4770.0	504771.5	5410237.1	35877.30078	358.88	0	48.845087	-86.934965	56175.73	56240.3	9.74	56185.47	56195.35156	56223.69953	56227.97266	504771.5	5410237.1
L4770.0	504771.6	5410235.5	35877.39844	358.90	0	48.845073	-86.934965	56174.70	56240.3	9.74	56184.44	56194.33203	56222.38791	56226.56641	504771.6	5410235.5
L4770.0	504771.6	5410235.5	35877.50000	358.42	0	48.845073	-86.934965	56173.76	56240.3	9.74	56183.50	56193.40234	56223.46507	56227.55469	504771.6	5410235.5
L4770.0	504771.6	5410233.7	35877.60156	356.93	0	48.845056	-86.934965	56173.24	56240.3	9.73	56182.97	56192.88672	56234.49827	56238.50000	504771.6	5410233.7
L4770.0	504771.6	5410232.0	35877.69922	357.65	0	48.845041	-86.934965	56172.52	56240.3	9.73	56182.25	56192.18359	56241.30825	56245.23047	504771.6	5410232.0
L4770.0	504771.6	5410232.0	35877.80078	356.05	0	48.845041	-86.934965	56171.21	56240.3	9.73	56180.94	56190.89453	56234.44320	56238.28516	504771.6	5410232.0
L4770.0	504771.6	5410230.1	35877.89844	355.20	0	48.845024	-86.934965	56169.95	56240.3	9.73	56179.68	56189.65625	56229.03423	56232.80078	504771.6	5410230.1
L4770.0	504771.6	5410230.1	35877.89844	355.16	0	48.845024	-86.934965	56168.76	56240.3	9.73	56178.49	56188.49219	56225.55715	56229.25391	504771.6	5410230.1
L4770.0	504771.6	5410228.8	35878.10156	355.94	0	48.845012	-86.934965	56167.69	56240.3	9.73	56177.42	56187.45313	56225.19685	56228.82813	504771.6	5410228.8
L4770.0	504771.6	5410227.4	35878.19922	355.95	0	48.845000	-86.934965	56166.20	56240.3	9.72	56175.93	56185.99219	56215.19205	56218.76172	504771.6	5410227.4
L4770.0	504771.6	5410227.4	35878.30078	356.00	0	48.845000	-86.934965	56165.12	56240.3	9.72	56174.83	56184.92969	56214.69200	56218.20703	504771.6	5410227.4
L4770.0	504771.6	5410225.9	35878.39844	357.37	0	48.844987	-86.934965	56163.65	56240.3	9.71	56173.37	56183.50391	56205.97141	56209.43359	504771.6	5410225.9
L4770.0	504771.6	5410224.2	35878.50000	357.46	0	48.844971	-86.934965	56162.64	56240.3	9.71	56172.35	56182.52734	56207.94302	56211.35547	504771.6	5410224.2
L4770.0	504771.6	5410222.7	35878.60156	358.06	0	48.844958	-86.934965	56161.63	56240.3	9.71	56171.34	56181.55859	56210.44540	56213.81641	504771.6	5410222.7
L4770.0	504771.6	5410222.7	35878.69922	357.73	0	48.844958	-86.934965	56160.50	56240.3	9.70	56170.21	56180.47656	56210.40829	56213.74219	504771.6	5410222.7
L4770.0	504771.6	5410220.9	35878.80078	356.80	0	48.844941	-86.934965	56159.48	56240.3	9.70	56169.18	56179.49609	56213.03448	56216.33984	504771.6	5410220.9
L4770.0	504771.6	5410219.4	35878.89844	358.89	0	48.844928	-86.934965	56158.23	56240.3	9.69	56167.92	56178.28906	56210.52604	56213.80469	504771.6	5410219.4
L4770.0	504771.6	5410219.4	35878.89844	358.69	0	48.844928	-86.934965	56157.15	56240.3	9.69	56166.84	56177.26563	56212.57673	56215.83203	504771.6	5410219.4
L4770.0	504771.6	5410217.9	35879.00000	358.46	0	48.844915	-86.934965	56155.68	56240.3	9.69	56165.37	56175.85547	56205.71545	56208.95703	504771.6	5410217.9
L4770.0	504771.6	5410216.5	35879.10156	358.79	0	48.844902	-86.934965	56154.59	56240.3	9.69	56164.29	56174.83984	56208.38163	56211.61719	504771.6	5410216.5
L4770.0	504771.6	5410215.2	35879.30078	357.28	0	48.844890	-86.934965	56153.25	56240.3	9.70	56162.95	56173.56641	56205.21303	56208.44531	504771.6	5410215.2
L4770.0	504771.6	5410215.2	35879.39844	357.61	0	48.844890	-86.934965	56152.17	56240.3	9.71	56161.87	56172.55469	56208.50312	56211.73828	504771.6	5410215.2
L4770.0	504771.6	5410213.0	35879.50000	356.45	0	48.844870	-86.934965	56151.13	56240.3	9.71	56160.84	56171.60156	56213.28993	56216.53125	504771.6	5410213.0
L4770.0	504771.6	5410213.0	35879.60156	357.02	0	48.844870	-86.934965	56149.41	56240.3	9.71	56159.12	56169.95703	56202.08352	56205.34375	504771.6	5410213.0
L4770.0	504771.6	5410211.5	35879.69922	355.83	0	48.844856	-86.934965	56147.64	56240.3	9.72	56157.36	56168.27734	56190.24993	56193.53125	504771.6	5410211.5
L4770.0	504771.6	5410210.1	35879.80078	356.78	0	48.844844	-86.934965	56146.27	56240.3	9.72	56156.00	56167.00391	56188.19124	56191.50391	504771.6	5410210.1
L4770.0	504771.6	5410210.1	35879.89844	355.32	0	48.844844	-86.934965	56145.21	56240.3	9.73	56154.93	56166.02344	56193.30876	56196.65625	504771.6	5410210.1
L4770.0	504771.6	5410208.2	35879.89844	355.80	0	48.844827	-86.934965	56144.07	56240.3	9.73	56153.80	56164.98438	56197.33071	56200.71875	504771.6	5410208.2
L4770.0	504771.5	5410206.4	35880.10156	356.28	0	48.844811	-86.934965	56142.78	56240.3	9.73	56152.50	56163.78125	56197.65816	56201.09766	504771.5	5410206.4
L4770.0	504771.5	5410206.4	35880.19922	357.23	0	48.844811	-86.934965	56141.43	56240.3	9.72	56151.16	56162.53906	56197.36506	56200.85938	504771.5	5410206.4
L4770.0	504771.5	5410205.2	35880.30078	356.47	0	48.844800	-86.934965	56140.15	56240.3	9.72	56149.87	56161.35156	56198.57971	56202.14063	504771.5	5410205.2
L4770.0	504771.5	5410203.6	35880.39844	356.23	0	48.844786	-86.934966	56138.91	56240.3	9.72	56148.63	56160.21875	56201.30291	56204.93359	504771.5	5410203.6
L4770.0	504771.5	5410202.3	35880.50000	356.99	0	48.844773	-86.934966	56137.21	56240.3	9.71	56146.93	56158.62891	56193.48019	56197.18750	504771.5	5410202.3
L4770.0	504771.5	5410202.3	35880.60156	354.38	0	48.844773	-86.934966	56135.84	56240.3	9.71	56145.56	56157.37500	56193.78567	56197.57813	504771.5	5410202.3
L4770.0	504771.5	5410200.4	35880.69922	353.64	0	48.844757	-86.934966	56134.08	56240.3	9.71	56143.79	56155.72266	56184.96432	56188.85156	504771.5	5410200.4
L4770.0	504771.5	5410198.9	35880.80078	353.28	0	48.844743	-86.934966	56132.52	56240.3	9.71	56142.22	56154.27344	56181.19883	56185.18359	504771.5	5410198.9
L4770.0	504771.5	5410198.9	35880.89844	355.07	0	48.844743	-86.934966	56130.96	56240.3	9.70	56140.66	56152.83984	56177.99810	56182.08984	504771.5	5410198.9
L4770.0	504771.5	5410197.5	35880.89844	357.06	0	48.844731	-86.934966	56129.45	56240.3	9.70	56139.16	56151.47266	56176.54386	56180.75000	504771.5	5410197.5
L4770.0	504771.5	5410196.2	35881.00000	357.87	0	48.844719	-86.934966	56127.93	56240.3	9.70	56137.63	56150.07422	56174.70842	56179.03906	504771.5	5410196.2
L4770.0	504771.5	5410196.2	35881.10156	359.46	0	48.844719	-86.934966	56126.24	56240.3	9.70	56135.94	56148.52344	56169.41841	56173.88281	504771.5	5410196.2

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4770.0	504771.5	5410194.4	35881.30078	358.19	0	48.844703	-86.934967	56125.07	56240.3	9.69	56134.76	56147.48438	56176.51028	56181.11328	504771.5	5410194.4
L4770.0	504771.5	5410193.3	35881.39844	357.09	0	48.844693	-86.934967	56123.18	56240.3	9.69	56132.87	56145.73828	56167.14544	56171.89453	504771.5	5410193.3
L4770.0	504771.4	5410191.9	35881.50000	356.29	0	48.844681	-86.934967	56121.86	56240.3	9.69	56131.55	56144.57031	56171.57882	56176.48047	504771.4	5410191.9
L4770.0	504771.4	5410191.9	35881.50000	355.40	0	48.844681	-86.934967	56119.81	56240.3	9.69	56129.50	56142.67188	56159.08044	56164.14453	504771.4	5410191.9
L4770.0	504771.4	5410190.4	35881.69922	356.62	0	48.844666	-86.934967	56118.47	56240.3	9.69	56128.16	56141.48828	56163.68684	56168.92188	504771.4	5410190.4
L4770.0	504771.4	5410188.8	35881.80078	357.60	0	48.844652	-86.934968	56116.65	56240.3	9.68	56126.33	56139.82031	56157.03139	56162.44531	504771.4	5410188.8
L4770.0	504771.4	5410186.9	35881.89844	357.30	0	48.844635	-86.934968	56115.18	56240.3	9.68	56124.87	56138.52344	56159.44048	56165.04297	504771.4	5410186.9
L4770.0	504771.4	5410186.9	35881.89844	353.92	0	48.844635	-86.934968	56113.38	56240.3	9.68	56123.07	56136.89063	56154.12942	56159.92578	504771.4	5410186.9
L4770.0	504771.4	5410185.6	35882.10156	354.24	0	48.844623	-86.934968	56111.46	56240.3	9.68	56121.14	56135.13281	56146.05982	56152.05859	504771.4	5410185.6
L4770.0	504771.4	5410185.6	35882.19922	354.67	0	48.844623	-86.934968	56109.92	56240.3	9.68	56119.60	56133.76953	56147.52066	56153.73047	504771.4	5410185.6
L4770.0	504771.4	5410184.0	35882.30078	356.04	0	48.844609	-86.934968	56108.23	56240.3	9.68	56117.90	56132.25000	56145.50861	56151.93750	504771.4	5410184.0
L4770.0	504771.4	5410182.5	35882.39844	357.88	0	48.844596	-86.934968	56106.75	56240.3	9.68	56116.43	56130.96094	56149.23935	56155.89453	504771.4	5410182.5
L4770.0	504771.3	5410181.3	35882.50000	360.14	0	48.844585	-86.934969	56104.87	56240.3	9.67	56114.54	56129.25781	56143.34532	56150.23438	504771.3	5410181.3
L4770.0	504771.3	5410181.3	35882.60156	359.78	0	48.844585	-86.934969	56103.59	56240.3	9.67	56113.27	56128.17969	56152.40611	56159.53516	504771.3	5410181.3
L4770.0	504771.3	5410179.9	35882.69922	359.74	0	48.844572	-86.934969	56101.53	56240.3	9.67	56111.20	56126.30078	56142.85285	56150.23438	504771.3	5410179.9
L4770.0	504771.3	5410178.4	35882.80078	357.83	0	48.844559	-86.934969	56099.90	56240.3	9.67	56109.57	56124.87109	56143.99214	56151.63281	504771.3	5410178.4
L4770.0	504771.3	5410177.2	35882.89844	357.55	0	48.844548	-86.934969	56097.86	56240.3	9.67	56107.53	56123.03125	56135.72799	56143.63672	504771.3	5410177.2
L4770.0	504771.3	5410177.2	35882.89844	357.47	0	48.844548	-86.934969	56096.16	56240.3	9.67	56105.83	56121.53516	56135.78415	56143.96484	504771.3	5410177.2
L4770.0	504771.3	5410175.6	35883.00000	356.82	0	48.844534	-86.934969	56094.29	56240.3	9.67	56103.96	56119.87109	56132.10089	56140.56641	504771.3	5410175.6
L4770.0	504771.3	5410174.0	35883.10156	357.97	0	48.844519	-86.934969	56092.72	56240.3	9.67	56102.39	56118.51172	56135.78297	56144.53906	504771.3	5410174.0
L4770.0	504771.3	5410172.6	35883.30078	358.45	0	48.844507	-86.934969	56090.75	56240.3	9.67	56100.41	56116.74609	56130.04268	56139.09766	504771.3	5410172.6
L4770.0	504771.3	5410172.6	35883.39844	356.78	0	48.844507	-86.934969	56088.70	56240.3	9.67	56098.36	56114.91406	56122.91138	56132.26953	504771.3	5410172.6
L4770.0	504771.3	5410170.8	35883.50000	358.97	0	48.844491	-86.934969	56086.47	56240.3	9.67	56096.14	56112.91016	56112.01973	56121.69141	504771.3	5410170.8
L4770.0	504771.3	5410168.9	35883.60156	360.00	0	48.844473	-86.934969	56084.78	56240.3	9.66	56094.44	56111.43359	56113.67172	56123.66406	504771.3	5410168.9
L4770.0	504771.3	5410168.9	35883.69922	359.42	0	48.844473	-86.934969	56082.98	56240.3	9.66	56092.64	56109.85938	56113.20600	56123.52734	504771.3	5410168.9
L4770.0	504771.3	5410167.4	35883.80078	358.61	0	48.844460	-86.934969	56081.04	56240.3	9.66	56090.70	56108.14844	56109.67067	56120.32813	504771.3	5410167.4
L4770.0	504771.3	5410165.8	35883.89844	362.05	0	48.844445	-86.934969	56079.32	56240.3	9.66	56088.98	56106.66016	56111.56861	56122.56641	504771.3	5410165.8
L4770.0	504771.3	5410165.8	35883.89844	360.80	0	48.844445	-86.934969	56077.37	56240.3	9.66	56087.03	56104.94531	56108.25606	56119.60547	504771.3	5410165.8
L4770.0	504771.3	5410164.4	35884.10156	361.24	0	48.844433	-86.934969	56075.36	56240.3	9.66	56085.02	56103.17188	56103.74424	56115.44922	504771.3	5410164.4
L4770.0	504771.3	5410164.4	35884.19922	360.54	0	48.844433	-86.934969	56073.15	56240.3	9.66	56082.81	56101.20313	56094.71650	56106.78906	504771.3	5410164.4
L4770.0	504771.3	5410161.4	35884.30078	359.38	0	48.844406	-86.934969	56071.22	56240.3	9.66	56080.88	56099.51172	56092.51119	56104.95313	504771.3	5410161.4
L4770.0	504771.3	5410161.4	35884.39844	359.67	0	48.844406	-86.934969	56069.20	56240.3	9.66	56078.86	56097.73828	56088.37451	56101.19531	504771.3	5410161.4
L4770.0	504771.3	5410159.8	35884.50000	357.98	0	48.844392	-86.934969	56067.30	56240.3	9.67	56076.96	56096.08203	56087.26218	56100.46484	504771.3	5410159.8
L4770.0	504771.3	5410159.8	35884.60156	360.48	0	48.844392	-86.934969	56065.45	56240.3	9.67	56075.12	56094.49219	56087.74752	56101.34375	504771.3	5410159.8
L4770.0	504771.3	5410158.4	35884.69922	359.96	0	48.844379	-86.934969	56063.16	56240.3	9.67	56072.82	56092.44141	56077.53037	56091.52344	504771.3	5410158.4
L4770.0	504771.3	5410157.2	35884.80078	358.53	0	48.844368	-86.934969	56060.93	56240.3	9.67	56070.59	56090.46484	56069.12968	56083.52734	504771.3	5410157.2
L4770.0	504771.3	5410155.8	35884.89844	357.10	0	48.844355	-86.934969	56058.75	56240.3	9.67	56068.42	56088.55078	56062.29990	56077.10547	504771.3	5410155.8
L4770.0	504771.3	5410154.5	35884.89844	356.34	0	48.844344	-86.934969	56056.95	56240.3	9.67	56066.62	56087.00391	56064.35924	56079.57813	504771.3	5410154.5
L4770.0	504771.3	5410153.2	35885.00000	356.28	0	48.844332	-86.934969	56054.93	56240.3	9.67	56064.60	56085.24219	56061.35192	56076.99219	504771.3	5410153.2
L4770.0	504771.3	5410153.2	35885.10156	357.12	0	48.844332	-86.934969	56053.18	56240.3	9.67	56062.85	56083.75391	56064.85043	56080.91797	504771.3	5410153.2
L4770.0	504771.3	5410151.4	35885.30078	356.75	0	48.844316	-86.934969	56050.84	56240.3	9.67	56060.51	56081.67188	56054.51638	56071.01563	504771.3	5410151.4
L4770.0	504771.3	5410149.7	35885.39844	356.39	0	48.844301	-86.934969	56048.53	56240.3	9.67	56058.21	56079.63672	56045.23102	56062.16797	504771.3	5410149.7
L4770.0	504771.3	5410148.5	35885.50000	356.85	0	48.844289	-86.934969	56046.61	56240.3	9.68	56056.28	56077.96875	56044.78412	56062.16016	504771.3	5410148.5
L4770.0	504771.3	5410147.3	35885.60156	357.03	0	48.844279	-86.934969	56044.62	56240.3	9.68	56054.29	56076.24219	56043.00074	56060.82422	504771.3	5410147.3
L4770.0	504771.3	5410147.3	35885.69922	355.07	0	48.844279	-86.934969	56042.76	56240.3	9.68	56052.44	56074.65625	56044.59732	56062.87500	504771.3	5410147.3
L4770.0	504771.3	5410145.5	35885.80078	355.92	0	48.844263	-86.934969	56040.69	56240.3	9.68	56050.37	56072.85156	56041.05311	56059.78516	504771.3	5410145.5
L4770.0	504771.3	5410145.5	35885.89844	356.94	0	48.844263	-86.934969	56038.54	56240.3	9.68	56048.22	56070.96875	56035.66587	56054.85547	504771.3	5410145.5
L4770.0	504771.4	5410143.9	35885.89844	358.38	0	48.844248	-86.934969	56036.29	56240.3	9.68	56045.96	56068.97656	56027.71478	56047.36719	504771.4	5410143.9
L4770.0	504771.4	5410142.0	35886.00000	357.13	0	48.844231	-86.934969	56034.34	56240.3	9.68	56044.02	56067.30469	56027.35206	56047.47266	504771.4	5410142.0
L4770.0	504771.4	5410142.0	35886.19922	357.33	0	48.844231	-86.934969	56032.09	56240.3	9.68	56041.77	56065.32031	56019.67400	56040.26563	504771.4	5410142.0
L4770.0	504771.4	5410140.3	35886.30078	357.29	0	48.844216	-86.934969	56029.94	56240.3	9.68	56039.62	56063.43750	56014.35969	56035.42578	504771.4	5410140.3
L4770.0	504771.4	5410140.3	35886.39844	357.25	0	48.844216	-86.934969	56027.76	56240.3	9.68	56037.44	56061.52734	56008.32376	56029.86719	504771.4	5410140.3
L4770.0	504771.4	5410138.5	35886.50000	359.47	0	48.844200	-86.934969	56025.64	56240.3	9.68	56035.32	56059.67188	56003.68094	56025.70313	504771.4	5410138.5
L4770.0	504771.4	5410138.5	35886.60156	358.61	0	48.844200	-86.934969	56023.70	56240.3	9.68	56033.38	56058.00000	56003.25488	56025.75781	504771.4	5410138.5
L4770.0	504771.4	5410136.5	35886.69922	359.02	0	48.844182	-86.934969	56021.41	56240.3	9.68	56031.09	56055.97656	55994.50471	56017.49609	504771.4	5410136.5
L4770.0	504771.4	5410135.3	35886.80078	359.72	0	48.844171	-86.934969	56019.42	56240.3	9.68	56029.10	56054.25391	55992.78162	56016.25781	504771.4	5410135.3
L4770.0	504771.4	5410134.0	35886.89844	360.02	0	48.844159	-86.934968	56017.27	56240.3	9.68	56026.95	56052.37109	55987.19904	56011.16406	504771.4	5410134.0
L4770.0	504771.4	5410132.6	35886.89844	358.55	0	48.844147	-86.934968	56015.32	56240.3	9.68	56025.00	56050.68359	55986.25299	56010.70703	504771.4	5410132.6
L4770.0	504771.4	5410132.6	35887.00000	359.70	0	48.844147	-86.934968	56013.20	56240.3	9.68	56022.88	56048.82813	55981.18397	56006.12891	504771.4	5410132.6
L4770.0	504771.4	5410130.8	35887.10156	360.16	0	48.844130	-86.934968	56010.97	56240.3	9.68	56020.65	56046.85938	55973.39649	55998.83594	504771.4	5410130.8
L4770.0	504771.4	5410130.8	35887.30078	360.25	0	48.844130	-86.934968	56008.82	56240.3	9.68	56018.50	56044.97266	55967.36778	55993.30078	504771.4	5410130.8
L4770.0	504771.4	5410129.4	35887.39844	360.50	0	48.844118	-86.934968	56006.74	56240.3	9.68	56016.42	56043.15234	55962.84746	55989.27344	504771.4	5410129.4
L4770.0	504771.4	5410127.6	35887.50000	360.37	0	48.844102	-86.934968	56004.60	56240.3	9.68	56014.28	56041.26953	55956.74855	55983.66797	504771.4	5410127.6
L4770.0	504771.4	5410127.6	35887.60156	359.71	0	48.844102	-86.934968	56002.62	56240.3	9.68	56012.30	56039.54688	55954.25706	55981.66797	504771.4	5410127.6
L4770.0	504771.4	5410125.9	35887.69922	358.31	0	48.844087	-86.934968	56000.77	56240.3	9.68	56010.45	56037.95313	55954.64957	55982.55859	504771.4	5410125.9
L4770.0	504771.4	5410124.6	35887.80078	361.66	0	48.844075	-86.934968	55998.63	56240.3	9.68	56008.31	56036.06641	55947.98394	55976.38281	504771.4	5410124.6
L4770.0	504771.4	5410123.2	35887.89844	361.22	0	48.844063	-86.934968	55996.70	56240.3	9.68	56006.38	56034.38672	55946.06442	55974.95703	504771.4	5410123.2
L4770.0	504771.4	5410123.2	35887.89844	360.67	0	48.844063	-86.934968	55994.56	56240.3	9.68	56004.24	56032.49609	55938.94873	55968.32813	504771.4	5410123.2
L4770.0	504771.4	5410121.6	35888.10156	358.56	0	48.844048	-86.934968	55992.61	56240.3	9.68	56002.29	56030.79297	55936.07725	55965.94922	504771.4	5410121.6
L4770.0	504771.5	5410120.0	35888.19922	358.95	0	48.844034	-86.934968	55990.43	56240.3	9.68	56000.11	56028.85938	55927.50760	55957.86719	504771.5	5410120.0
L4770.0	504771.5	5410120.0	35888.30078	358.38	0	48.844034	-86.934968	55988.56	56240.3	9.68	55998.24	56027.23047	55925.98931	55956.83594	504771.5	5410120.0
L4770.0	504771.5	5410118.5	35888.39844	356.85	0	48.844020	-86.934968	55986.46	56240.3	9.68	55996.14	56025.36719	55918.74341	55950.07031	504771.5	5410118.5
L4770.0	504771.5	5410117.1	35888.50000	357.32	0	48.844008	-86.934967	55984.58	56240.3	9.69	55994.27	56023.73438	55916.62841	55948.43750	504771.5	5410117.1
L4770.0	504771.5	5410115.5	35888.60156	356.95	0	48.843993	-86.934967	55982.31	56240.3	9.69	55992.00	56021.69922	55904.73794	55937.02344	504771.5	5410115.5
L4770.0	504771.5	5410115.5	35888.69922	355.74	0	48.843993	-86.934967	55980.14	56240.3	9.69	55989.82	56019.75000	55894.63960	55927.40234	504771.5	5410115.5
L4770.0	504771.5	5410113.9	35888.80078	356.06	0	48.843978	-86.934967	55978.21	56240.3	9.69	55987.90	56018.05859	55890.33701	55923.57422	504771.5	5410113.9
L4770.0	504771.5	5410112.6	35888.89844	356.18	0	48.843967	-86.934967	55976.54	56240.3	9.69	55986.23	56016.60938	55891.57909	55925.28125	504771.5	5410112.6
L4770.0	504771.5	5410111.3	35888.89844	356.89	0	48.843955	-86.934967	55974.80	56240.3	9.69	55984.49	56015.08984	55890.78713	55924.95313	504771.5	5410111.3
L4770.0	504771.5	5410111.3	35889.00000	357.30	0	48.843955	-86.934967	55972.65	56240.3	9.69	55982.34	56013.16016	55879.90974	55914.53516	504771.5	5410111.3
L4770.0	504771.5	5410109.7	35889.10156	356.54	0	48.843941	-86.934967	55971.20	56240.3	9.69	55980.89	56011.92188	55885.16994	55920.25391	504771.5	5410109.7
L4770.0	504771.5	5410109.7	35889.30078	354.72	0	48.843941	-86.934967	55969.08	56240.3	9.69	55978.76	56010.00391	55873.93346	55909.46875	504771.5	5410109.7
L4770.0	504771.5	5410107.9	35889.39844	355.77	0	48.843924	-86.934967	55967.28	56240.3	9.69	55976.97	56008.41797	55870.29607	55906.27344	504771.5	5410107.9
L4770.0	504771.5	5410106.6	35889.50000	356.54	0	48.843913	-86.934967	55965.41	56240.3	9.68	55975.10	56006.75000	55864.31566	55900.73438	504771.5	5410106.6
L4770.0	504771.5	5410105.0	35889.60156	357.14	0	48.843898	-86.934967	55963.89	56240.3	9.68	55973.58	56005.42969	55866.14208	55902.99609	504771.5	5410105.0
L4770.0	504771.5	5410105.0	35889.69922	357.41	0	48.843898	-86.934967	55962.25	56240.3	9.68	55971.93	56003.97656	55864.41517	55901.69922	504771.5	5410105.0
L4770.0	504771.5	5410103.7	35889.80078	355.76	0	48.843887	-86.934967	55960.66	56240.3	9.68	55970.34	56002.57813	55863.61202	55901.32031	504771.5	5410103.7
L4770.0	504771.5	5410102.4	35889.89844	355.52	0	48.843875	-86.934967	55959.16	56240.3	9.68	55968.84	56001.26172	55864.42784	55902.55078	504771.5	5410102.4
L4770.0	504771.5	5410101.1	35889.89844	356.50	0	48.843864	-86.934967	55957.17	56240.3	9.68	55966.85	55999.45313	55853.13913	55891.67188	504771.5	5410101.1
L4770.0	504771.5	5410099.6	35890.10156	358.14	0	48.843850	-86.934967	55955.55	56240.3	9.68	55965.22	55998.00391	55849.82415	55888.75781	504771.5	5410099.6
L4770.0	504771.5	5410099.6	35890.19922	359.75	0	48.843850	-86.934967	55953.52	56240.3	9.68	55963.20	55996.15625	55836.74135	55876.07422	504771.5	5410099.6
L4770.0	504771.5	5410098.6	35890.30078	358.65	0	48.843841	-86.934967	55952.16	56240.3	9.67	55961.83	55994.95313	55838.46046	55878.18359	504771.5	5410098.6
L4770.0	504771.5	5410097.2	35890.39844	358.84	0	48.843829	-86.934967	55950.72	56240.3	9.67	55960.39	55993.67969	55837.94943	55878.05469	504771.5	5410097.2
L4770.0	504771.5	5410095.7	35890.50000	359.57	0	48.843815	-86.934967	55949.75	56240.3	9.67	55959.42	55992.86719	55847.95966	55888.43750	504771.5	5410095.7

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4770.0	504771.5	5410095.7	35890.60156	359.11	0	48.843815	-86.934967	55948.14	56240.3	9.67	55957.81	55991.41406	55842.24088	55883.08594	504771.5	5410095.7
L4770.0	504771.5	5410094.1	35890.69922	359.08	0	48.843801	-86.934967	55946.26	56240.3	9.67	55955.93	55989.68359	55829.52658	55870.73047	504771.5	5410094.1
L4770.0	504771.5	5410092.8	35890.80078	358.06	0	48.843788	-86.934967	55944.52	56240.3	9.66	55954.18	55988.08203	55819.25956	55860.81250	504771.5	5410092.8
L4770.0	504771.5	5410092.8	35890.89844	359.62	0	48.843788	-86.934967	55943.11	56240.3	9.66	55952.77	55986.81250	55816.39180	55858.28516	504771.5	5410092.8
L4770.0	504771.5	5410091.1	35890.89844	359.35	0	48.843774	-86.934967	55941.94	56240.3	9.66	55951.60	55985.77734	55818.54788	55860.77344	504771.5	5410091.1
L4770.0	504771.5	5410089.5	35891.00000	358.54	0	48.843759	-86.934967	55940.47	56240.3	9.66	55950.13	55984.43750	55812.95220	55855.50000	504771.5	5410089.5
L4770.0	504771.5	5410089.5	35891.10156	357.43	0	48.843759	-86.934967	55939.26	56240.3	9.66	55948.92	55983.35547	55812.83067	55855.69531	504771.5	5410089.5
L4770.0	504771.5	5410088.0	35891.30078	356.90	0	48.843745	-86.934967	55937.87	56240.3	9.66	55947.53	55982.08594	55807.77199	55850.94531	504771.5	5410088.0
L4770.0	504771.5	5410086.3	35891.39844	357.15	0	48.843730	-86.934967	55937.01	56240.3	9.66	55946.67	55981.34375	55814.54833	55858.01563	504771.5	5410086.3
L4770.0	504771.5	5410084.8	35891.50000	355.84	0	48.843716	-86.934967	55935.39	56240.3	9.66	55945.05	55979.83594	55802.65716	55846.40625	504771.5	5410084.8
L4770.0	504771.5	5410083.4	35891.50000	355.97	0	48.843704	-86.934967	55934.05	56240.3	9.66	55943.71	55978.60156	55796.67166	55840.69922	504771.5	5410083.4
L4770.0	504771.5	5410083.4	35891.69922	356.76	0	48.843704	-86.934967	55932.73	56240.3	9.66	55942.39	55977.38281	55790.43661	55834.73047	504771.5	5410083.4
L4770.0	504771.5	5410081.7	35891.80078	356.00	0	48.843689	-86.934967	55932.10	56240.3	9.66	55941.76	55976.85156	55799.78000	55844.33203	504771.5	5410081.7
L4770.0	504771.5	5410081.7	35891.89844	358.18	0	48.843689	-86.934967	55931.09	56240.3	9.66	55940.75	55975.93359	55799.40098	55844.19922	504771.5	5410081.7
L4770.0	504771.5	5410079.6	35891.89844	358.32	0	48.843670	-86.934968	55930.20	56240.3	9.66	55939.86	55975.12891	55801.10991	55846.14063	504771.5	5410079.6
L4770.0	504771.5	5410078.6	35892.10156	357.88	0	48.843661	-86.934968	55928.98	56240.3	9.66	55938.64	55973.99219	55794.26194	55839.51953	504771.5	5410078.6
L4770.0	504771.5	5410078.6	35892.19922	357.88	0	48.843661	-86.934968	55927.82	56240.3	9.66	55937.48	55972.90625	55788.06810	55833.53906	504771.5	5410078.6
L4770.0	504771.5	5410077.5	35892.30078	355.93	0	48.843651	-86.934968	55926.96	56240.3	9.65	55936.62	55972.12109	55788.19420	55833.87109	504771.5	5410077.5
L4770.0	504771.5	5410076.1	35892.39844	356.47	0	48.843638	-86.934968	55926.08	56240.3	9.65	55935.73	55971.29688	55786.83309	55832.69922	504771.5	5410076.1
L4770.0	504771.5	5410074.4	35892.50000	357.61	0	48.843623	-86.934968	55925.83	56240.3	9.65	55935.48	55971.10938	55799.81554	55845.86328	504771.5	5410074.4
L4770.0	504771.5	5410074.4	35892.60156	358.10	0	48.843623	-86.934968	55925.27	56240.4	9.65	55934.92	55970.60547	55804.68004	55850.89844	504771.5	5410074.4
L4770.0	504771.5	5410072.8	35892.69922	359.13	0	48.843609	-86.934968	55924.41	56240.4	9.65	55934.05	55969.78906	55801.42110	55847.79688	504771.5	5410072.8
L4770.0	504771.5	5410071.2	35892.80078	358.86	0	48.843594	-86.934968	55923.47	56240.4	9.64	55933.12	55968.90625	55795.94308	55842.46875	504771.5	5410071.2
L4770.0	504771.5	5410071.2	35892.89844	359.11	0	48.843594	-86.934968	55922.96	56240.4	9.64	55932.61	55968.43750	55799.58741	55846.24609	504771.5	5410071.2
L4770.0	504771.5	5410069.6	35892.89844	356.62	0	48.843580	-86.934968	55922.18	56240.4	9.64	55931.83	55967.69531	55796.04010	55842.82422	504771.5	5410069.6
L4770.0	504771.5	5410067.8	35893.00000	358.46	0	48.843564	-86.934968	55921.70	56240.4	9.64	55931.34	55967.23828	55798.53453	55845.42969	504771.5	5410067.8
L4770.0	504771.5	5410066.7	35893.10156	359.07	0	48.843554	-86.934968	55921.12	56240.4	9.64	55930.76	55966.68750	55798.08530	55845.08203	504771.5	5410066.7
L4770.0	504771.5	5410066.7	35893.30078	356.82	0	48.843554	-86.934968	55920.39	56240.4	9.64	55930.03	55965.98438	55793.27146	55840.35938	504771.5	5410066.7
L4770.0	504771.5	5410064.8	35893.39844	356.41	0	48.843537	-86.934968	55919.83	56240.4	9.64	55929.48	55965.45313	55791.89123	55839.05469	504771.5	5410064.8
L4770.0	504771.5	5410064.8	35893.50000	357.91	0	48.843537	-86.934968	55919.22	56240.4	9.65	55928.87	55964.85938	55788.26988	55835.49609	504771.5	5410064.8
L4770.0	504771.5	5410061.9	35893.60156	358.58	0	48.843511	-86.934968	55919.10	56240.4	9.65	55928.74	55964.73828	55795.17049	55842.44922	504771.5	5410061.9
L4770.0	504771.5	5410061.9	35893.69922	357.57	0	48.843511	-86.934968	55918.08	56240.4	9.65	55927.73	55963.73438	55780.44535	55827.76563	504771.5	5410061.9
L4770.0	504771.5	5410060.5	35893.80078	357.64	0	48.843498	-86.934968	55917.78	56240.4	9.65	55927.43	55963.43750	55781.67789	55829.02734	504771.5	5410060.5
L4770.0	504771.5	5410060.5	35893.89844	361.01	0	48.843498	-86.934968	55917.05	56240.4	9.65	55926.70	55962.70703	55771.92169	55819.28906	504771.5	5410060.5
L4770.0	504771.5	5410058.9	35893.89844	361.57	0	48.843484	-86.934968	55917.10	56240.4	9.65	55926.75	55962.75000	55779.77891	55827.14844	504771.5	5410058.9
L4770.0	504771.5	5410057.0	35894.10156	362.36	0	48.843467	-86.934968	55916.36	56240.4	9.65	55926.01	55962.00000	55768.14005	55815.50000	504771.5	5410057.0
L4770.0	504771.5	5410055.9	35894.19922	362.36	0	48.843456	-86.934968	55916.02	56240.4	9.65	55925.66	55961.63672	55764.89918	55812.23828	504771.5	5410055.9
L4770.0	504771.5	5410055.9	35894.30078	361.27	0	48.843456	-86.934968	55915.63	56240.4	9.64	55925.28	55961.23828	55760.13092	55807.43750	504771.5	5410055.9
L4770.0	504771.5	5410054.5	35894.39844	360.36	0	48.843444	-86.934968	55915.58	56240.4	9.64	55925.22	55961.15625	55762.11124	55809.37109	504771.5	5410054.5
L4770.0	504771.5	5410053.1	35894.50000	361.15	0	48.843432	-86.934968	55915.78	56240.4	9.64	55925.42	55961.33203	55769.42530	55816.62500	504771.5	5410053.1
L4770.0	504771.5	5410053.1	35894.60156	360.94	0	48.843432	-86.934968	55915.46	56240.4	9.64	55925.10	55960.98438	55763.63973	55810.76953	504771.5	5410053.1
L4770.0	504771.5	5410052.0	35894.69922	357.79	0	48.843422	-86.934968	55915.66	56240.4	9.64	55925.30	55961.14844	55769.34192	55816.38672	504771.5	5410052.0
L4770.0	504771.5	5410050.4	35894.80078	358.62	0	48.843407	-86.934968	55914.92	56240.4	9.63	55924.56	55960.37500	55752.02606	55798.97656	504771.5	5410050.4
L4770.0	504771.5	5410049.0	35894.89844	357.69	0	48.843395	-86.934968	55914.97	56240.4	9.63	55924.60	55960.37500	55752.35404	55799.19531	504771.5	5410049.0
L4770.0	504771.5	5410049.0	35894.89844	357.53	0	48.843395	-86.934968	55914.80	56240.4	9.63	55924.43	55960.16406	55746.93064	55793.64844	504771.5	5410049.0
L4770.0	504771.5	5410047.3	35895.00000	356.78	0	48.843379	-86.934968	55915.33	56240.4	9.63	55924.96	55960.64844	55757.27240	55803.85547	504771.5	5410047.3
L4770.0	504771.5	5410045.9	35895.10156	354.51	0	48.843367	-86.934968	55915.58	56240.4	9.63	55925.21	55960.84766	55760.22147	55806.65625	504771.5	5410045.9
L4770.0	504771.5	5410044.5	35895.30078	356.71	0	48.843355	-86.934968	55916.26	56240.4	9.63	55925.90	55961.48828	55772.80424	55819.08203	504771.5	5410044.5
L4770.0	504771.5	5410044.5	35895.39844	356.18	0	48.843355	-86.934968	55916.57	56240.4	9.63	55926.20	55961.73438	55775.40946	55821.51563	504771.5	5410044.5
L4770.0	504771.4	5410042.9	35895.50000	355.72	0	48.843340	-86.934969	55916.80	56240.4	9.63	55926.43	55961.90625	55775.60947	55821.52734	504771.4	5410042.9
L4770.0	504771.4	5410041.3	35895.60156	357.91	0	48.843326	-86.934969	55917.02	56240.4	9.64	55926.66	55962.07422	55775.06770	55820.78906	504771.4	5410041.3
L4770.0	504771.4	5410040.2	35895.69922	357.92	0	48.843315	-86.934969	55917.05	56240.4	9.64	55926.68	55962.03516	55768.82954	55814.33984	504771.4	5410040.2
L4770.0	504771.4	5410040.2	35895.80078	358.35	0	48.843315	-86.934969	55917.40	56240.4	9.64	55927.04	55962.32813	55769.90534	55815.19531	504771.4	5410040.2
L4770.0	504771.4	5410038.6	35895.89844	358.55	0	48.843301	-86.934969	55917.73	56240.4	9.64	55927.37	55962.58984	55769.55939	55814.61328	504771.4	5410038.6
L4770.0	504771.4	5410037.2	35895.89844	360.96	0	48.843289	-86.934970	55918.39	56240.4	9.64	55928.03	55963.18359	55776.31178	55821.11719	504771.4	5410037.2
L4770.0	504771.4	5410035.9	35896.00000	360.32	0	48.843276	-86.934970	55918.87	56240.4	9.64	55928.51	55963.58984	55778.11842	55822.66016	504771.4	5410035.9
L4770.0	504771.4	5410035.9	35896.19922	359.22	0	48.843276	-86.934970	55919.53	56240.4	9.63	55929.16	55964.16797	55783.26387	55827.53516	504771.4	5410035.9
L4770.0	504771.4	5410034.7	35896.30078	357.75	0	48.843266	-86.934970	55919.63	56240.4	9.63	55929.26	55964.19141	55774.74097	55818.72656	504771.4	5410034.7
L4770.0	504771.4	5410033.1	35896.39844	356.07	0	48.843252	-86.934970	55920.26	56240.4	9.62	55929.88	55964.73438	55777.85407	55821.54297	504771.4	5410033.1
L4770.0	504771.4	5410033.1	35896.50000	356.19	0	48.843252	-86.934970	55920.87	56240.4	9.62	55930.49	55965.26563	55780.08793	55823.46484	504771.4	5410033.1
L4770.0	504771.4	5410031.3	35896.60156	354.93	0	48.843236	-86.934970	55921.68	56240.4	9.62	55931.30	55965.99609	55786.41938	55829.47266	504771.4	5410031.3
L4770.0	504771.3	5410030.0	35896.69922	355.75	0	48.843224	-86.934970	55922.79	56240.4	9.61	55932.40	55967.01563	55798.98915	55841.71094	504771.3	5410030.0
L4770.0	504771.3	5410028.6	35896.80078	356.95	0	48.843212	-86.934970	55923.52	56240.4	9.61	55933.13	55967.66016	55802.21018	55844.58594	504771.3	5410028.6
L4770.0	504771.3	5410028.6	35896.89844	358.01	0	48.843212	-86.934970	55924.18	56240.4	9.60	55933.78	55968.22656	55802.95136	55844.96875	504771.3	5410028.6
L4770.0	504771.3	5410027.1	35896.89844	357.56	0	48.843198	-86.934971	55924.79	56240.4	9.60	55934.39	55968.75391	55802.17252	55843.82031	504771.3	5410027.1
L4770.0	504771.3	5410027.1	35897.00000	358.11	0	48.843198	-86.934971	55925.90	56240.4	9.60	55935.50	55969.77734	55812.65253	55853.91797	504771.3	5410027.1
L4770.0	504771.3	5410024.3	35897.10156	357.67	0	48.843173	-86.934971	55926.71	56240.4	9.60	55936.31	55970.50000	55815.49633	55856.37109	504771.3	5410024.3
L4770.0	504771.3	5410024.3	35897.30078	356.70	0	48.843173	-86.934971	55927.77	56240.4	9.60	55937.37	55971.46875	55823.71973	55864.19141	504771.3	5410024.3
L4770.0	504771.3	5410023.1	35897.39844	356.64	0	48.843161	-86.934971	55928.51	56240.4	9.60	55938.11	55972.12109	55823.86482	55863.92188	504771.3	5410023.1
L4770.0	504771.3	5410023.1	35897.50000	357.92	0	48.843161	-86.934971	55929.39	56240.4	9.60	55938.99	55972.91016	55826.82055	55866.44922	504771.3	5410023.1
L4770.0	504771.3	5410021.8	35897.60156	359.40	0	48.843150	-86.934971	55930.53	56240.4	9.60	55940.13	55973.96094	55835.43933	55874.63281	504771.3	5410021.8
L4770.0	504771.3	5410020.3	35897.69922	358.91	0	48.843137	-86.934972	55931.42	56240.4	9.60	55941.02	55974.76172	55837.68220	55876.42578	504771.3	5410020.3
L4770.0	504771.2	5410018.8	35897.80078	356.86	0	48.843123	-86.934972	55932.48	56240.4	9.60	55942.08	55975.73047	55843.49323	55881.77734	504771.2	5410018.8
L4770.0	504771.2	5410018.8	35897.89844	357.15	0	48.843123	-86.934972	55933.49	56240.4	9.60	55943.09	55976.64844	55847.68870	55885.50391	504771.2	5410018.8
L4770.0	504771.2	5410017.4	35897.89844	355.42	0	48.843111	-86.934972	55934.61	56240.4	9.60	55944.21	55977.67578	55854.06727	55891.40234	504771.2	5410017.4
L4770.0	504771.2	5410016.1	35898.10156	356.93	0	48.843099	-86.934972	55935.32	56240.4	9.60	55944.91	55978.28516	55850.11793	55886.96484	504771.2	5410016.1
L4770.0	504771.2	5410014.6	35898.19922	356.41	0	48.843086	-86.934973	55936.07	56240.4	9.59	55945.66	55978.94141	55846.96723	55883.31250	504771.2	5410014.6
L4770.0	504771.2	5410014.6	35898.30078	356.93	0	48.843086	-86.934973	55937.36	56240.4	9.59	55946.95	55980.14063	55856.21464	55892.05078	504771.2	5410014.6
L4770.0	504771.2	5410013.1	35898.39844	356.82	0	48.843072	-86.934973	55938.32	56240.4	9.59	55947.91	55981.00781	55857.31270	55892.63281	504771.2	5410013.1
L4770.0	504771.2	5410011.4	35898.50000	356.22	0	48.843057	-86.934973	55939.82	56240.4	9.58	55949.40	55982.41016	55870.60692	55905.39844	504771.2	5410011.4
L4770.0	504771.2	5410010.1	35898.60156	356.76	0	48.843045	-86.934973	55941.11	56240.4	9.58	55950.69	55983.60547	55878.85924	55913.10938	504771.2	5410010.1
L4770.0	504771.2	5410009.1	35898.69922	357.20	0	48.843036	-86.934973	55942.63	56240.4	9.58	55952.20	55985.02734	55892.01478	55925.71875	504771.2	5410009.1
L4770.0	504771.2	5410009.1	35898.80078	356.94	0	48.843036	-86.934973	55943.71	56240.4	9.58	55953.28	55986.01563	55894.72658	55927.87500	504771.2	5410009.1
L4770.0	504771.2	5410007.6	35898.89844	358.94	0	48.843022	-86.934973	55944.82	56240.4	9.57	55954.40	55987.04688	55898.12165	55930.70703	504771.2	5410007.6
L4770.0	504771.2	5410006.4	35898.89844	359.58	0	48.843012	-86.934973	55945.76	56240.4	9.57	55955.33	55987.88672	55896.78080	55928.79297	504771.2	5410006.4
L4770.0	504771.2	5410006.4	35899.00000	360.38	0	48.843012	-86.934973	55947.15	56240.4	9.57	55956.72	55989.18750	55906.08577	55937.51563	504771.2	5410006.4
L4770.0	504771.2	5410005.0	35899.10156	360.14	0	48.842999	-86.934973	55948.46	56240.4	9.57	55958.03	55990.41016	55913.28967	55944.13281	504771.2	5410005.0
L4770.0	504771.2	5410003.3	35899.30078	360.30	0	48.842984	-86.934973	55949.73	56240.4	9.56	55959.29	55991.58594	55919.11895	55949.36719	504771.2	5410003.3
L4770.0	504771.2	5410003.3	35899.30078	359.90	0	48.842984	-86.934973	55950.79	56240.4	9.56	55960.36	55992.57031	55920.28157	55949.92578	504771.2	5410003.3
L4770.0	504771.2	5410001.8	35899.39844	360.49	0	48.842971	-86.934973	55951.88	56240.4	9.56	55961.44	55993.56250	55921.52219	55950.55469	504771.2	5410001.8
L4770.0	504771.2	5410000.7	35899.50000	360.41	0	48.842961	-86.934973	55953.20	56240.4	9.56	55962.75	55994.78906	55928.05810	55956.47266	504771.2	5410000.7
L4770.0	504771.2	5409999.5	35899.60156	359.94	0	48.842950	-86.934973	55954.31	56240.4	9.56	55963.87	55995.82813	55929.97849	55957.76563	504771.2	5409999.5
L4770.0	504771.2	5409999.5	35899.69922	358.19	0	48.842950	-86.934973	55955.83	56240.4	9.56	55965.38	55997.25391	55941.00991	55968.16797	504771.2	5409999.5

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4770.0	504771.2	5409998.2	35899.80078	360.14	0	48.842937	-86.934973	55956.86	56240.4	9.55	55966.42	55998.21484	55940.84077	55967.35938	504771.2	5409998.2
L4770.0	0.0	0.0	35899.89844	358.89	0	48.842924	-86.934973	55958.08	56240.4	9.55	55967.63	55999.34375	55944.61554	55970.49219	504771.2	5409996.6
L4770.0	0.0	0.0	35900.00000	359.46	0	48.842924	-86.934973	55959.12	56240.4	9.55	55968.67	56000.30469	55944.31381	55969.53906	504771.2	5409996.6
L4770.0	0.0	0.0	35900.10156	358.01	0	48.842916	-86.934973	55960.58	56240.4	9.55	55970.13	56001.68750	55953.89780	55978.46484	504771.2	5409995.8
L4770.0	0.0	0.0	35900.19922	358.47	0	48.842907	-86.934973	55961.41	56240.4	9.55	55970.97	56002.45313	55948.80046	55972.70703	504771.2	5409994.8
L4770.0	0.0	0.0	35900.30078	357.39	0	48.842898	-86.934973	55962.76	56240.4	9.56	55972.31	56003.71875	55955.51146	55978.75000	504771.2	5409993.8
L4770.0	0.0	0.0	35900.50000	359.81	0	48.842898	-86.934973	55963.84	56240.4	9.56	55973.40	56004.73438	55956.31814	55978.88672	504771.2	5409993.8
L4770.0	0.0	0.0	35900.60156	358.50	0	48.842888	-86.934973	55965.06	56240.4	9.56	55974.62	56005.88281	55960.21798	55982.10938	504771.2	5409992.7
L4770.0	0.0	0.0	35900.69922	357.68	0	48.842888	-86.934973	55965.96	56240.4	9.56	55975.53	56006.72266	55956.82543	55978.03125	504771.2	5409992.7
L4770.0	0.0	0.0	35900.80078	356.91	0	48.842875	-86.934973	55967.41	56240.4	9.57	55976.98	56008.10156	55966.24704	55986.76953	504771.2	5409991.2
L4770.0	0.0	0.0	35900.89844	357.56	0	48.842863	-86.934973	55968.63	56240.4	9.57	55978.19	56009.24609	55970.05997	55989.89063	504771.2	5409989.9
L4770.0	0.0	0.0	35900.89844	358.75	0	48.842851	-86.934974	55969.76	56240.4	9.57	55979.33	56010.32031	55972.29671	55991.42969	504771.1	5409988.5
L4770.0	0.0	0.0	35901.00000	357.94	0	48.842851	-86.934974	55970.98	56240.4	9.57	55980.55	56011.47656	55976.51666	55994.94922	504771.1	5409988.5
L4770.0	0.0	0.0	35901.10156	356.90	0	48.842839	-86.934974	55972.06	56240.4	9.57	55981.63	56012.49219	55977.53307	55995.26172	504771.1	5409987.2
L4770.0	0.0	0.0	35901.30078	359.42	0	48.842839	-86.934974	55973.43	56240.4	9.56	55982.99	56013.79297	55985.28682	56002.30859	504771.1	5409987.2
L4770.0	0.0	0.0	35901.39844	357.62	0	48.842830	-86.934974	55974.27	56240.4	9.56	55983.82	56014.56250	55980.64436	55996.95703	504771.1	5409986.2
L4770.0	0.0	0.0	35901.50000	356.19	0	48.842821	-86.934975	55975.51	56240.4	9.56	55985.06	56015.74609	55985.83740	56001.43359	504771.0	5409985.2
L4770.0	0.0	0.0	35901.60156	357.82	0	48.842812	-86.934975	55976.52	56240.4	9.55	55986.07	56016.69922	55985.75004	56000.62891	504771.0	5409984.3
L4770.0	0.0	0.0	35901.69922	357.68	0	48.842803	-86.934976	55977.91	56240.5	9.55	55987.46	56018.03516	55994.81289	56008.96875	504771.0	5409983.2
L4770.0	0.0	0.0	35901.80078	356.00	0	48.842795	-86.934976	55978.89	56240.5	9.55	55988.44	56018.96484	55994.36370	56007.79688	504771.0	5409982.3
L4770.0	0.0	0.0	35901.89844	357.05	0	48.842795	-86.934976	55980.08	56240.5	9.54	55989.63	56020.10156	55999.06869	56011.77344	504771.0	5409982.3
L4770.0	0.0	0.0	35901.89844	357.42	0	48.842782	-86.934976	55981.12	56240.5	9.54	55990.66	56021.08594	56000.19259	56012.16406	504770.9	5409980.9
L4770.0	0.0	0.0	35902.10156	355.97	0	48.842773	-86.934977	55981.98	56240.5	9.54	55991.51	56021.88672	55997.27285	56008.51172	504770.9	5409979.9
L4770.0	0.0	0.0	35902.19922	355.74	0	48.842773	-86.934977	55982.89	56240.5	9.54	55992.43	56022.76172	55996.22862	56006.73047	504770.9	5409979.9
L4770.0	0.0	0.0	35902.30078	355.11	0	48.842765	-86.934977	55983.78	56240.5	9.53	55993.31	56023.59766	55994.46917	56004.23047	504770.9	5409979.0
L4770.0	0.0	0.0	35902.39844	356.10	0	48.842756	-86.934977	55985.04	56240.5	9.53	55994.57	56024.81641	56001.93122	56010.94922	504770.9	5409978.0
L4770.0	0.0	0.0	35902.50000	359.61	0	48.842756	-86.934977	55985.77	56240.5	9.53	55995.30	56025.50781	55997.11321	56005.38672	504770.9	5409978.0
L4770.0	0.0	0.0	35902.60156	360.36	0	48.842746	-86.934978	55986.86	56240.5	9.53	55996.39	56026.56250	56001.06063	56008.58594	504770.9	5409976.9
L4770.0	0.0	0.0	35902.69922	358.45	0	48.842741	-86.934978	55987.72	56240.5	9.53	55997.25	56027.38672	55999.83509	56006.60938	504770.9	5409976.3
L4770.0	0.0	0.0	35902.80078	360.91	0	48.842741	-86.934978	55988.91	56240.5	9.52	55998.44	56028.53906	56006.68085	56012.70313	504770.9	5409976.3
L4770.0	0.0	0.0	35902.89844	359.67	0	48.842730	-86.934978	55989.74	56240.5	9.52	55999.26	56029.32813	56005.05853	56010.32813	504770.8	5409975.2
L4770.0	0.0	0.0	35902.89844	358.04	0	48.842724	-86.934978	55990.84	56240.5	9.52	56000.36	56030.39844	56010.33890	56014.84766	504770.8	5409974.4
L4770.0	0.0	0.0	35903.00000	359.04	0	48.842716	-86.934978	55991.49	56240.5	9.52	56001.01	56031.01953	56005.27259	56009.02344	504770.8	5409973.6
L4770.0	0.0	0.0	35903.10156	358.80	0	48.842716	-86.934978	55992.48	56240.5	9.52	56002.00	56031.98438	56008.53877	56011.52734	504770.8	5409973.6
L4770.0	0.0	0.0	35903.30078	359.40	0	48.842705	-86.934978	55993.34	56240.5	9.52	56002.86	56032.82031	56009.03294	56011.25391	504770.8	5409972.4
L4770.0	0.0	0.0	35903.39844	358.76	0	48.842696	-86.934978	55994.25	56240.5	9.52	56003.76	56033.69922	56010.77814	56012.23438	504770.8	5409971.3
L4770.0	0.0	0.0	35903.50000	357.99	0	48.842696	-86.934978	55995.39	56240.5	9.51	56004.90	56034.82031	56018.50613	56019.19141	504770.8	5409971.3
L4770.0	0.0	0.0	35903.60156	357.84	0	48.842689	-86.934978	55996.09	56240.5	9.51	56005.61	56035.51172	56016.38362	56016.29688	504770.8	5409970.5
L4770.0	0.0	0.0	35903.69922	357.33	0	48.842681	-86.934979	55997.16	56240.5	9.51	56006.67	56036.55469	56022.85124	56021.98828	504770.8	5409969.6
L4770.0	0.0	0.0	35903.80078	358.70	0	48.842681	-86.934979	55997.71	56240.5	9.51	56007.23	56037.10156	56017.82009	56016.17969	504770.8	5409969.6
L4770.0	0.0	0.0	35903.89844	357.54	0	48.842671	-86.934979	55998.60	56240.5	9.51	56008.11	56037.96875	56020.67545	56018.25391	504770.8	5409968.6
L4770.0	0.0	0.0	35903.89844	355.09	0	48.842671	-86.934979	55999.26	56240.5	9.51	56008.77	56038.61719	56018.65522	56015.45313	504770.8	5409968.6
L4770.0	0.0	0.0	35904.10156	356.35	0	48.842664	-86.934979	56000.04	56240.5	9.51	56009.55	56039.39063	56019.79784	56015.80859	504770.8	5409967.8
L4770.0	0.0	0.0	35904.19922	356.27	0	48.842658	-86.934979	56000.68	56240.5	9.51	56010.18	56040.01172	56017.72251	56012.94531	504770.8	5409967.1
L4770.0	0.0	0.0	35904.30078	356.31	0	48.842652	-86.934979	56001.36	56240.5	9.51	56010.86	56040.68750	56017.15762	56011.58984	504770.7	5409966.4
L4770.0	0.0	0.0	35904.39844	357.32	0	48.842652	-86.934979	56001.98	56240.5	9.51	56011.49	56041.31641	56015.73992	56009.37891	504770.7	5409966.4
L4770.0	0.0	0.0	35904.50000	357.63	0	48.842645	-86.934979	56002.85	56240.5	9.51	56012.36	56042.18750	56020.32442	56013.16406	504770.7	5409965.6
L4770.0	0.0	0.0	35904.60156	359.29	0	48.842645	-86.934979	56003.71	56240.5	9.50	56013.21	56043.03906	56024.76509	56016.80859	504770.7	5409965.6
L4770.0	0.0	0.0	35904.69922	358.57	0	48.842637	-86.934979	56004.65	56240.5	9.50	56014.15	56043.98047	56031.66141	56022.90234	504770.7	5409964.8
L4770.0	0.0	0.0	35904.80078	359.07	0	48.842632	-86.934980	56005.36	56240.5	9.50	56014.86	56044.69922	56033.44840	56023.88281	504770.7	5409964.2
L4770.0	0.0	0.0	35904.89844	359.38	0	48.842632	-86.934980	56005.73	56240.5	9.50	56015.23	56045.07422	56027.52455	56017.15234	504770.7	5409964.2
L4770.0	0.0	0.0	35904.89844	359.23	0	48.842620	-86.934980	56006.54	56240.5	9.50	56016.04	56045.89453	56032.32540	56021.14063	504770.7	5409962.8
L4770.0	0.0	0.0	35905.00000	360.25	0	48.842620	-86.934980	56007.28	56240.5	9.50	56016.78	56046.64844	56035.79379	56023.79297	504770.7	5409962.8
L4770.0	0.0	0.0	35905.10156	360.86	0	48.842614	-86.934980	56007.86	56240.5	9.50	56017.36	56047.24219	56035.79997	56022.98047	504770.7	5409962.2
L4770.0	0.0	0.0	35905.30078	360.21	0	48.842614	-86.934980	56008.59	56240.5	9.51	56018.10	56047.99609	56039.90524	56026.26563	504770.7	5409962.2
L4770.0	0.0	0.0	35905.39844	361.10	0	48.842609	-86.934980	56009.48	56240.5	9.51	56018.99	56048.90625	56047.87023	56033.40234	504770.7	5409961.6
L4770.0	0.0	0.0	35905.50000	361.37	0	48.842604	-86.934980	56009.95	56240.5	9.51	56019.46	56049.39453	56046.21829	56030.92188	504770.7	5409961.1
L4770.0	0.0	0.0	35905.60156	360.36	0	48.842598	-86.934980	56010.41	56240.5	9.51	56019.93	56049.88672	56044.87360	56028.74609	504770.7	5409960.5
L4770.0	0.0	0.0	35905.69922	360.40	0	48.842598	-86.934980	56011.12	56240.5	9.51	56020.63	56050.60938	56049.26894	56032.30469	504770.7	5409960.5
L4770.0	0.0	0.0	35905.80078	359.72	0	48.842594	-86.934980	56011.75	56240.5	9.52	56021.27	56051.27734	56052.54535	56034.74219	504770.7	5409960.0
L4770.0	0.0	0.0	35905.89844	358.76	0	48.842588	-86.934980	56012.31	56240.5	9.52	56021.83	56051.86328	56054.22576	56035.57813	504770.7	5409959.4
L4770.0	0.0	0.0	35905.89844	356.53	0	48.842582	-86.934981	56012.84	56240.5	9.52	56022.36	56052.42578	56055.48748	56035.99219	504770.6	5409958.7
L4770.0	0.0	0.0	35906.00000	356.09	0	48.842577	-86.934981	56013.12	56240.5	9.52	56022.64	56052.73828	56051.12549	56030.78125	504770.6	5409958.1
L4770.0	0.0	0.0	35906.19922	355.45	0	48.842577	-86.934981	56013.63	56240.5	9.51	56023.14	56053.27344	56052.24444	56031.04297	504770.6	5409958.1
L4770.0	0.0	0.0	35906.30078	356.80	0	48.842571	-86.934981	56014.00	56240.5	9.51	56023.51	56053.67969	56050.56606	56028.50781	504770.6	5409957.5
L4770.0	0.0	0.0	35906.39844	357.11	0	48.842571	-86.934981	56014.48	56240.5	9.50	56023.98	56054.18750	56051.52164	56028.59766	504770.6	5409957.5
L4770.0	0.0	0.0	35906.50000	358.30	0	48.842567	-86.934981	56015.22	56240.5	9.50	56024.72	56054.96875	56059.12408	56035.33203	504770.6	5409957.0
L4770.0	0.0	0.0	35906.60156	359.52	0	48.842563	-86.934982	56015.86	56240.5	9.50	56025.35	56055.64063	56064.38552	56039.72266	504770.6	5409956.5
L4770.0	0.0	0.0	35906.69922	360.76	0	48.842559	-86.934982	56016.20	56240.5	9.49	56025.70	56056.03516	56063.28183	56037.74219	504770.6	5409956.1
L4770.0	0.0	0.0	35906.80078	363.63	0	48.842556	-86.934982	56016.66	56240.5	9.49	56026.15	56056.53125	56064.78943	56038.37109	504770.5	5409955.7
L4770.0	0.0	0.0	35906.89844	362.17	0	48.842556	-86.934982	56017.14	56240.5	9.48	56026.63	56057.05859	56067.24774	56039.94531	504770.5	5409955.7
L4770.0	0.0	0.0	35906.89844	362.11	0	48.842552	-86.934983	56017.88	56240.5	9.48	56027.36	56057.83984	56075.85099	56047.65625	504770.5	5409955.3
L4770.0	0.0	0.0	35907.00000	362.46	0	48.842548	-86.934983	56017.95	56240.5	9.48	56027.43	56057.96484	56069.08300	56039.99609	504770.5	5409954.9
L4770.0	0.0	0.0	35907.10156	360.09	0	48.842548	-86.934983	56018.20	56240.5	9.48	56027.68	56058.26953	56066.79311	56036.80469	504770.5	5409954.9
L4770.0	0.0	0.0	35907.30078	357.63	0	48.842544	-86.934983	56018.33	56240.5	9.49	56027.82	56058.46484	56062.12032	56031.23047	504770.5	5409954.4
L4770.0	0.0	0.0	35907.39844	356.70	0	48.842539	-86.934984	56018.91	56240.5	9.49	56028.39	56059.09375	56067.82269	56036.02344	504770.4	5409953.9
L4770.0	0.0	0.0	35907.50000	356.81	0	48.842536	-86.934984	56019.54	56240.5	9.49	56029.03	56059.79688	56075.38456	56042.67188	504770.4	5409953.6
L4770.0	0.0	0.0	35907.60156	359.34	0	48.842536	-86.934984	56019.95	56240.5	9.49	56029.44	56060.26953	56077.70853	56044.07813	504770.4	5409953.6
L4770.0	0.0	0.0	35907.69922	359.08	0	48.842534	-86.934984	56019.92	56240.5	9.49	56029.42	56060.31250	56070.06099	56035.51172	504770.4	5409953.3
L4770.0	0.0	0.0	35907.80078	359.55	0	48.842531	-86.934984	56020.20	56240.5	9.50	56029.70	56060.66016	56069.69123	56034.21484	504770.4	5409953.0
L4770.0	0.0	0.0	35907.89844	360.09	0	48.842531	-86.934984	56020.45	56240.5	9.50	56029.95	56060.98047	56068.79288	56032.38281	504770.4	5409953.0
L4770.0	0.0	0.0	35907.89844	358.62	0	48.842528	-86.934984	56021.09	56240.5	9.50	56030.58	56061.67969	56077.05135	56039.70313	504770.4	5409952.7
L4770.0	0.0	0.0	35908.10156	358.96	0	48.842526	-86.934985	56021.29	56240.5	9.50	56030.78	56061.95313	56075.31445	56037.02344	504770.4	5409952.4
L4770.0	0.0	0.0	35908.19922	358.74	0	48.842526	-86.934985	56021.26	56240.5	9.50	56030.76	56062.01172	56068.54031	56029.30469	504770.4	5409952.4
L4770.0	0.0	0.0	35908.30078	360.13	0	48.842523	-86.934985	56021.72	56240.5	9.49	56031.21	56062.53906	56073.03317	56032.84375	504770.3	5409952.0
L4770.0	0.0	0.0	35908.39844	358.73	0	48.842523	-86.934985	56022.00	56240.5	9.49	56031.49	56062.89844	56073.65953	56032.51563	504770.3	5409952.0
L4770.0	0.0	0.0	35908.50000	358.03	0	48.842520	-86.934985	56022.30	56240.5	9.49	56031.79	56063.27734	56074.90518	56032.79688	504770.3	5409951.8
L4770.0	0.0	0.0	35908.60156	358.09	0	48.842518	-86.934985	56022.20	56240.5	9.49	56031.69	56063.26172	56066.83716	56023.76172	504770.3	5409951.6
L4770.0	0.0	0.0	35908.69922	356.86	0	48.842516	-86.934985	56022.40	56240.5	9.49	56031.88	56063.53516	56065.76032	56021.71484	504770.3	5409951.3
L4770.0	0.0	0.0	35908.80078	357.79	0	48.842516	-86.934985	56022.63	56240.5	9.48	56032.11	56063.85547	56065.76041	56020.73828	504770.3	5409951.3
L4770.0	0.0	0.0	35908.89844	359.82	0	48.842515	-86.934985	56022.93	56240.5	9.48	56032.42	56064.25391	56067.77828	56021.77344	504770.3	5409951.2
L4770.0	0.0	0.0	35908.89844	358.28	0	48.842515	-86.934985	56022.98	56240.5	9.48	56032.46	56064.38672	56063.53632	56016.54297	504770.3	5409951.2
L4770.0	0.0	0.0	35909.00000	358.50	0	48.842513	-86.934985	56022.86	56240.5	9.48	56032.34	56064.35938	56055.63039	56007.64453	504770.3	5409951.0

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4770.0	0.0	0.0	35909.10156	359.98	0	48.842512	-86.934985	56023.49	56240.5	9.48	56032.97	56065.08203	56065.56655	56016.58203	504770.3	5409950.9
L4770.0	0.0	0.0	35909.30078	359.54	0	48.842511	-86.934985	56023.44	56240.5	9.48	56032.92	56065.12891	56059.53936	56009.55469	504770.3	5409950.8
L4770.0	0.0	0.0	35909.39844	359.63	0	48.842511	-86.934985	56023.32	56240.5	9.48	56032.79	56065.09766	56051.72770	56000.73438	504770.3	5409950.8
L4770.0	0.0	0.0	35909.50000	361.07	0	48.842511	-86.934985	56023.18	56240.5	9.48	56032.66	56065.07031	56044.01921	55992.01172	504770.3	5409950.7
L4770.0	0.0	0.0	35909.60156	360.71	0	48.842510	-86.934986	56023.97	56240.5	9.47	56033.44	56065.95313	56057.92085	56004.89453	504770.3	5409950.7
L4770.0	0.0	0.0	35909.69922	360.38	0	48.842510	-86.934986	56023.24	56240.5	9.47	56032.71	56065.32813	56036.22704	55982.17969	504770.3	5409950.7
L4770.0	0.0	0.0	35909.80078	363.62	0	48.842510	-86.934986	56023.11	56240.5	9.47	56032.58	56065.30469	56028.81022	55973.73828	504770.3	5409950.7
L4770.0	0.0	0.0	35909.89844	363.79	0	48.842510	-86.934986	56022.50	56240.5	9.47	56031.97	56064.80078	56010.13952	55954.03125	504770.3	5409950.7
L4770.0	0.0	0.0	35909.89844	365.94	0	48.842510	-86.934986	56022.38	56240.5	9.47	56031.85	56064.79297	56003.14118	55945.99609	504770.3	5409950.7
L4770.0	0.0	0.0	35910.10156	364.91	0	48.842511	-86.934986	56022.93	56240.5	9.47	56032.40	56065.45313	56012.06806	55953.88281	504770.3	5409950.7
L4770.0	0.0	0.0	35910.19922	362.65	0	48.842511	-86.934986	56022.63	56240.5	9.47	56032.10	56065.26563	56000.98957	55941.75781	504770.2	5409950.7
L4770.0	0.0	0.0	35910.30078	361.44	0	48.842511	-86.934986	56023.11	56240.5	9.46	56032.58	56065.86328	56008.43344	55948.14844	504770.2	5409950.7
L4770.0	0.0	0.0	35910.39844	360.27	0	48.842511	-86.934987	56022.88	56240.5	9.46	56032.35	56065.75000	55999.17871	55937.83984	504770.2	5409950.7
L4770.0	0.0	0.0	35910.50000	359.67	0	48.842510	-86.934987	56023.32	56240.5	9.46	56032.78	56066.29688	56005.60787	55943.20703	504770.2	5409950.7
L4770.0	0.0	0.0	35910.60156	357.79	0	48.842510	-86.934987	56023.24	56240.5	9.46	56032.70	56066.33594	56000.06447	55936.59766	504770.2	5409950.6
L4770.0	0.0	0.0	35910.69922	357.83	0	48.842510	-86.934987	56023.79	56240.5	9.46	56033.24	56067.00000	56009.25851	55944.72266	504770.2	5409950.6
L4770.0	0.0	0.0	35910.80078	356.60	0	48.842509	-86.934987	56023.89	56240.5	9.45	56033.35	56067.23438	56008.37052	55942.76172	504770.2	5409950.5
L4770.0	0.0	0.0	35910.89844	356.29	0	48.842508	-86.934988	56024.10	56240.5	9.45	56033.55	56067.55859	56009.69211	55943.00391	504770.1	5409950.4
L4770.0	0.0	0.0	35910.89844	358.22	0	48.842507	-86.934988	56024.30	56240.5	9.45	56033.75	56067.88281	56011.09627	55943.32422	504770.1	5409950.3
L4770.0	0.0	0.0	35911.00000	357.81	0	48.842507	-86.934988	56024.22	56240.6	9.45	56033.67	56067.93359	56005.96510	55937.10547	504770.1	5409950.3
L4770.0	0.0	0.0	35911.10156	358.68	0	48.842506	-86.934988	56024.90	56240.5	9.45	56034.35	56068.74219	56018.88238	55948.93359	504770.1	5409950.2
L4770.0	0.0	0.0	35911.30078	358.88	0	48.842504	-86.934989	56024.45	56240.5	9.46	56033.90	56068.42188	56005.17428	55934.13281	504770.1	5409950.0
L4770.0	0.0	0.0	35911.39844	358.85	0	48.842503	-86.934989	56024.98	56240.5	9.46	56034.44	56069.09375	56014.95350	55942.81250	504770.1	5409949.9
L4770.0	0.0	0.0	35911.50000	359.63	0	48.842503	-86.934989	56024.65	56240.5	9.46	56034.11	56068.89453	56004.25572	55931.01172	504770.1	5409949.9
L4770.0	0.0	0.0	35911.60156	359.27	0	48.842501	-86.934989	56025.14	56240.5	9.46	56034.60	56069.51953	56013.02991	55938.67969	504770.0	5409949.7
L4770.0	0.0	0.0	35911.69922	359.11	0	48.842500	-86.934989	56024.78	56240.5	9.46	56034.24	56069.29688	56001.80323	55926.34766	504770.0	5409949.5
L4770.0	0.0	0.0	35911.80078	358.95	0	48.842498	-86.934990	56024.78	56240.5	9.47	56034.25	56069.44531	55999.41536	55922.84766	504770.0	5409949.3
L4770.0	0.0	0.0	35911.89844	358.54	0	48.842498	-86.934990	56025.16	56240.5	9.47	56034.63	56069.96094	56005.86838	55928.18359	504770.0	5409949.3
L4770.0	0.0	0.0	35911.89844	357.03	0	48.842496	-86.934990	56025.31	56240.5	9.47	56034.78	56070.25000	56006.98205	55928.17969	504770.0	5409949.1
L4770.0	0.0	0.0	35912.10156	357.82	0	48.842496	-86.934990	56025.89	56240.5	9.47	56035.36	56070.96875	56018.35945	55938.43359	504770.0	5409949.1
L4770.0	0.0	0.0	35912.19922	359.91	0	48.842494	-86.934990	56025.36	56240.5	9.47	56034.83	56070.58203	56003.60134	55922.55078	504769.9	5409948.9
L4770.0	0.0	0.0	35912.30078	359.76	0	48.842492	-86.934991	56025.99	56240.5	9.47	56035.46	56071.35547	56016.36738	55934.19141	504769.9	5409948.6
L4770.0	0.0	0.0	35912.39844	358.46	0	48.842490	-86.934991	56025.74	56240.5	9.47	56035.21	56071.24609	56008.43977	55925.13281	504769.9	5409948.4
L4770.0	0.0	0.0	35912.50000	359.53	0	48.842490	-86.934991	56026.63	56240.5	9.47	56036.10	56072.28125	56027.56897	55943.12891	504769.9	5409948.4
L4770.0	0.0	0.0	35912.60156	359.91	0	48.842487	-86.934992	56026.73	56240.5	9.47	56036.20	56072.52344	56028.13745	55942.56641	504769.8	5409948.1
L4770.0	0.0	0.0	35912.69922	357.08	0	48.842485	-86.934993	56027.18	56240.5	9.47	56036.65	56073.12109	56037.09477	55950.38672	504769.8	5409947.9
L4770.0	0.0	0.0	35912.80078	358.23	0	48.842482	-86.934994	56027.64	56240.5	9.47	56037.11	56073.72656	56046.40708	55958.56250	504769.7	5409947.6
L4770.0	0.0	0.0	35912.89844	356.64	0	48.842479	-86.934995	56027.69	56240.5	9.47	56037.16	56073.92188	56046.14954	55957.16406	504769.6	5409947.2
L4770.0	0.0	0.0	35912.89844	355.47	0	48.842479	-86.934995	56028.29	56240.5	9.47	56037.76	56074.66797	56059.01704	55968.88672	504769.6	5409947.2
L4770.0	0.0	0.0	35913.00000	357.18	0	48.842476	-86.934996	56027.94	56240.5	9.47	56037.41	56074.46484	56049.55624	55958.28516	504769.5	5409946.9
L4770.0	0.0	0.0	35913.10156	358.03	0	48.842473	-86.934997	56028.95	56240.5	9.47	56038.42	56075.62500	56072.37263	55979.95703	504769.4	5409946.5
L4770.0	0.0	0.0	35913.30078	359.11	0	48.842471	-86.934998	56029.41	56240.5	9.47	56038.87	56076.22266	56082.08504	55988.52344	504769.4	5409946.3
L4770.0	0.0	0.0	35913.39844	359.60	0	48.842471	-86.934998	56030.16	56240.5	9.47	56039.63	56077.13281	56099.26090	56004.55078	504769.4	5409946.3
L4770.0	0.0	0.0	35913.50000	359.01	0	48.842466	-86.935000	56030.49	56240.5	9.47	56039.96	56077.60938	56106.41117	56010.55469	504769.2	5409945.7
L4770.0	0.0	0.0	35913.60156	359.23	0	48.842461	-86.935001	56031.20	56240.5	9.46	56040.67	56078.46875	56122.68485	56025.67969	504769.1	5409945.3
L4770.0	0.0	0.0	35913.69922	360.46	0	48.842461	-86.935001	56031.71	56240.5	9.46	56041.17	56079.11719	56134.13839	56035.98438	504769.1	5409945.3
L4770.0	0.0	0.0	35913.80078	358.54	0	48.842458	-86.935002	56031.89	56240.5	9.46	56041.35	56079.44922	56138.17409	56038.87109	504769.1	5409944.8
L4770.0	0.0	0.0	35913.89844	359.12	0	48.842454	-86.935003	56032.39	56240.5	9.46	56041.86	56080.10938	56150.15866	56049.70703	504769.0	5409944.5
L4780.0	504778.3	5410003.1	5435.79981	270.59	19.79	48.842982	-86.934876	55804.29	56265.4	-15.38	55788.90	55902.46484	55852.77431	55925.10938	504778.3	5410003.1
L4780.0	504778.3	5410003.0	5435.89990	269.26	19.94	48.842981	-86.934876	55808.98	56265.4	-15.40	55793.59	55904.96484	55855.47525	55926.63281	504778.3	5410003.0
L4780.0	504778.3	5410002.9	5436.00000	268.11	19.94	48.842980	-86.934875	55813.44	56265.4	-15.41	55798.03	55907.21484	55858.13102	55928.11328	504778.3	5410002.9
L4780.0	504778.3	5410002.8	5436.10010	269.57	20.79	48.842979	-86.934875	55818.55	56265.4	-15.42	55803.13	55910.12500	55860.73086	55929.53906	504778.3	5410002.8
L4780.0	504778.3	5410002.7	5436.20020	268.60	20.85	48.842978	-86.934875	55822.45	56265.4	-15.43	55807.01	55911.82031	55863.31634	55930.95313	504778.3	5410002.7
L4780.0	504778.3	5410002.7	5436.29981	270.91	20.85	48.842978	-86.934875	55826.32	56265.4	-15.44	55810.88	55913.50391	55865.87368	55932.33594	504778.3	5410002.7
L4780.0	504778.3	5410002.5	5436.39990	260.48	21.08	48.842977	-86.934875	55829.98	56265.5	-15.45	55814.52	55914.96484	55868.41742	55933.70703	504778.3	5410002.5
L4780.0	504778.3	5410002.4	5436.50000	258.49	23.42	48.842975	-86.934875	55833.73	56265.5	-15.46	55818.26	55916.52344	55870.93057	55935.05078	504778.3	5410002.4
L4780.0	504778.3	5410002.2	5436.60010	264.94	23.42	48.842974	-86.934875	55836.28	56265.5	-15.48	55820.81	55916.89844	55867.96107	55930.91016	504778.3	5410002.2
L4780.0	504778.3	5410002.0	5436.70020	267.17	25.4	48.842972	-86.934875	55839.88	56265.5	-15.49	55824.39	55918.30859	55870.70435	55932.48438	504778.3	5410002.0
L4780.0	504778.3	5410002.0	5436.79981	265.93	25.4	48.842972	-86.934875	55842.73	56265.5	-15.50	55827.24	55918.99219	55873.28520	55933.89844	504778.3	5410002.0
L4780.0	504778.3	5410001.8	5436.89990	267.06	26.75	48.842970	-86.934875	55845.72	56265.5	-15.51	55830.21	55919.80469	55875.87152	55935.32031	504778.3	5410001.8
L4780.0	504778.3	5410001.6	5437.00000	260.18	26.24	48.842968	-86.934875	55848.93	56265.5	-15.52	55833.41	55920.84766	55878.47840	55936.76172	504778.3	5410001.6
L4780.0	504778.3	5410001.4	5437.10010	261.87	26.24	48.842966	-86.934875	55850.75	56265.5	-15.53	55835.22	55920.51172	55880.84331	55937.96484	504778.3	5410001.4
L4780.0	504778.3	5410001.4	5437.20020	259.69	26.39	48.842966	-86.934875	55852.70	56265.5	-15.55	55837.15	55920.30078	55883.22218	55939.18359	504778.3	5410001.4
L4780.0	504778.3	5410001.1	5437.29981	266.48	26.39	48.842964	-86.934875	55855.15	56265.6	-15.56	55839.59	55920.60938	55885.66920	55940.47266	504778.3	5410001.1
L4780.0	504778.4	5410000.9	5437.39990	265.31	26.41	48.842962	-86.934875	55857.61	56265.6	-15.57	55842.04	55920.93359	55888.10038	55941.75000	504778.4	5410000.9
L4780.0	504778.4	5410000.7	5437.50000	266.27	26.17	48.842960	-86.934875	55860.84	56265.6	-15.58	55845.26	55922.03516	55890.61576	55943.10938	504778.4	5410000.7
L4780.0	504778.4	5410000.7	5437.60010	265.90	26.17	48.842960	-86.934875	55863.98	56265.6	-15.60	55848.38	55923.05078	55893.09018	55944.43359	504778.4	5410000.7
L4780.0	504778.4	5410000.4	5437.70020	265.39	26.17	48.842957	-86.934874	55866.96	56265.6	-15.61	55851.35	55923.92188	55895.51827	55945.71484	504778.4	5410000.4
L4780.0	504778.5	5410000.2	5437.79981	264.28	23.32	48.842955	-86.934874	55870.20	56265.6	-15.62	55854.57	55925.05469	55897.95336	55947.00781	504778.5	5410000.2
L4780.0	504778.5	5410000.2	5437.89990	263.59	22.77	48.842955	-86.934874	55873.32	56265.6	-15.64	55857.68	55926.08594	55900.34994	55948.26172	504778.5	5410000.2
L4780.0	504778.5	5409999.8	5438.00000	262.71	22.77	48.842952	-86.934873	55876.43	56265.7	-15.65	55860.78	55927.12109	55902.72456	55949.50000	504778.5	5409999.8
L4780.0	504778.6	5409999.5	5438.10010	260.93	24.39	48.842950	-86.934872	55880.83	56265.7	-15.66	55865.17	55929.45703	55905.25294	55950.89453	504778.6	5409999.5
L4780.0	504778.6	5409999.2	5438.20020	261.51	24.6	48.842947	-86.934871	55884.34	56265.7	-15.67	55868.67	55930.91406	55907.65928	55952.16797	504778.6	5409999.2
L4780.0	504778.7	5409998.9	5438.29981	264.20	24.6	48.842944	-86.934870	55886.87	56265.7	-15.69	55871.18	55931.39063	55909.93105	55953.31250	504778.7	5409998.9
L4780.0	504778.7	5409998.9	5438.39990	264.52	23.71	48.842944	-86.934870	55891.18	56265.7	-15.70	55875.48	55933.67578	55912.45120	55954.71094	504778.7	5409998.9
L4780.0	504778.8	5409998.5	5438.50000	264.28	26.48	48.842940	-86.934869	55896.06	56265.7	-15.71	55880.35	55936.53906	55915.07034	55956.21094	504778.8	5409998.5
L4780.0	504778.9	5409998.0	5438.60010	264.48	26.48	48.842936	-86.934868	55899.39	56265.7	-15.72	55883.67	55937.87109	55917.49026	55957.51563	504778.9	5409998.0
L4780.0	504778.9	5409997.7	5438.70020	265.22	26.63	48.842933	-86.934867	55903.74	56265.7	-15.73	55888.01	55940.23438	55920.08320	55958.99609	504778.9	5409997.7
L4780.0	504779.0	5409997.2	5438.79981	267.40	26.63	48.842929	-86.934866	55909.08	56265.7	-15.75	55893.33	55943.58984	55922.85935	55960.66406	504779.0	5409997.2
L4780.0	504779.0	5409997.2	5438.89990	269.29	26.53	48.842929	-86.934866	55912.60	56265.8	-15.76	55896.84	55945.15625	55925.39073	55962.09375	504779.0	5409997.2
L4780.0	504779.0	5409996.8	5439.00000	267.48	26.41	48.842925	-86.934866	55915.11	56265.8	-15.77	55899.34	55945.72266	55927.78704	55963.39453	504779.0	5409996.8
L4780.0	504779.1	5409996.4	5439.10010	265.34	24.7	48.842921	-86.934865	55920.96	56265.8	-15.78	55905.19	55949.66016	55930.76710	55965.28125	504779.1	5409996.4
L4780.0	504779.1	5409995.9	5439.20020	267.23	24.7	48.842917	-86.934864	55927.06	56265.8	-15.78	55911.28	55953.85156	55933.83963	55967.26563	504779.1	5409995.9
L4780.0	504779.1	5409995.9	5439.29981	266.42	21.96	48.842917	-86.934864	55930.96	56265.8	-15.79	55915.17	55955.85547	55936.57962	55968.92188	504779.1	5409995.9
L4780.0	504779.2	5409995.4	5439.39990	266.43	21.96	48.842913	-86.934864	55933.95	56265.8	-15.80	55918.15	55956.97266	55939.19294	55970.45703	504779.2	5409995.4
L4780.0	504779.2	5409994.8	5439.50000	268.52	21.68	48.842907	-86.934863	55940.14	56265.8	-15.80	55924.34	55961.31250	55942.41516	55972.60547	504779.2	5409994.8
L4780.0	504779.2	5409994.4	5439.60010	269.65	21.68	48.842903	-86.934863	55945.88	56265.8	-15.81	55930.07	55965.21094	55945.59685	55974.71875	504779.2	5409994.4
L4780.0	504779.2	5409994.4	5439.70020	269.99	20.61	48.842903	-86.934863	55951.04	56265.8	-15.82	55935.22	55968.55078	55948.70810	55976.76953	504779.2	5409994.4
L4780.0	504779.3	5409993.8	5439.79981	268.27	18.29	48.842899	-86.934863	55955.85	56265.8	-15.83	55940.03	55971.56641	55951.78610	55978.78906	504779.3	5409993.8
L4780.0	504779.3	5409993.3	5439.89990	268.58	13.44	48.842894	-86.934862	55960.88	56265.8	-15.83	55945.05	55974.80859	55954.92739	55980.87891	504779.3	5409993.3
L4780.0	504779.3	5409992.8	5440.00000	266.88	13.44	48.842889	-86.934862	55966.22	56265.8	-15.84	55950.38	55978.38281	55958.14502	55983.05078	504779.3	5409992.8
L4780.0	504779.3	5409992.3	5440.10010	265.79	13.44	48.842885	-86.934862	55971.66	56265.8	-15.85	55955.81	55982.07422	55961.39440	55985.26172	504779.3	5409992.3
L4780.0	504779.3	5409992.3	5440.20020	268.32	20.42	48.842885	-86.934862	55977.00	56265.9	-15.86	55961.14	55985.68750	55964.63256	55987.46484	504779.3	5409992.3

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4780.0	504779.4	5409991.8	5440.29981	264.69	26.98	48.842880	-86.934861	55982.34	56265.9	-15.87	55966.47	55989.32031	55967.87221	55989.67578	504779.4	5409991.8
L4780.0	504779.4	5409991.1	5440.39990	264.75	26.98	48.842874	-86.934861	55985.42	56265.9	-15.88	55969.54	55990.71094	55970.70811	55991.49219	504779.4	5409991.1
L4780.0	504779.4	5409990.6	5440.50000	267.25	27.15	48.842870	-86.934861	55991.49	56265.9	-15.89	55975.60	55995.11328	55974.06739	55993.83594	504779.4	5409990.6
L4780.0	504779.5	5409989.8	5440.60010	269.35	27.15	48.842863	-86.934860	55997.36	56265.9	-15.90	55981.46	55999.33594	55977.37292	55996.12891	504779.5	5409989.8
L4780.0	504779.5	5409989.1	5440.70020	269.36	27.15	48.842856	-86.934860	56003.50	56265.9	-15.91	55987.59	56003.84766	55980.69988	55998.45313	504779.5	5409989.1
L4780.0	504779.5	5409989.1	5440.79981	268.76	27.14	48.842856	-86.934860	56010.06	56265.9	-15.92	55994.14	56008.80469	55984.06543	56000.82422	504779.5	5409989.1
L4780.0	504779.5	5409988.2	5440.89990	267.23	27.34	48.842847	-86.934860	56015.29	56265.9	-15.93	55999.36	56012.44922	55987.19137	56002.95703	504779.5	5409988.2
L4780.0	504779.5	5409987.4	5441.00000	263.64	27.34	48.842841	-86.934859	56019.16	56265.9	-15.94	56003.22	56014.75781	55990.09314	56004.87500	504779.5	5409987.4
L4780.0	504779.6	5409986.7	5441.10010	262.79	22.75	48.842834	-86.934859	56025.41	56266	-15.95	56009.46	56019.46484	55993.33323	56007.13672	504779.6	5409986.7
L4780.0	504779.6	5409986.7	5441.20020	263.51	22.75	48.842834	-86.934859	56031.33	56266	-15.96	56015.37	56023.86719	55996.49880	56009.33203	504779.6	5409986.7
L4780.0	504779.6	5409985.8	5441.29981	256.25	17.77	48.842827	-86.934859	56037.63	56266	-15.97	56021.66	56028.66797	55999.69344	56011.56250	504779.6	5409985.8
L4780.0	504779.6	5409985.1	5441.39990	257.27	17.77	48.842820	-86.934859	56043.78	56266	-15.98	56027.80	56033.34375	56002.84510	56013.75781	504779.6	5409985.1
L4780.0	504779.6	5409984.3	5441.50000	267.01	17.31	48.842813	-86.934859	56048.33	56266	-15.99	56032.34	56036.44141	56005.77337	56015.73438	504779.6	5409984.3
L4780.0	504779.6	5409984.3	5441.60010	266.95	17.31	48.842813	-86.934859	56054.45	56266	-16.00	56038.45	56041.12891	56008.89707	56017.91406	504779.6	5409984.3
L4780.0	504779.6	5409983.5	5441.70020	268.08	21.88	48.842806	-86.934858	56060.14	56266	-16.01	56044.13	56045.41016	56011.95922	56020.03906	504779.6	5409983.5
L4780.0	504779.6	5409982.9	5441.79981	268.22	15.61	48.842800	-86.934858	56064.64	56266	-16.02	56048.62	56048.52344	56014.87455	56022.02344	504779.6	5409982.9
L4780.0	504779.6	5409982.1	5441.89990	259.88	15.61	48.842793	-86.934858	56070.59	56266	-16.03	56054.56	56053.11328	56017.96289	56024.19141	504779.6	5409982.1
L4780.0	504779.6	5409982.1	5442.00000	257.36	18.15	48.842793	-86.934858	56077.16	56266	-16.04	56061.12	56058.34375	56021.11812	56026.42969	504779.6	5409982.1
L4780.0	504779.6	5409981.1	5442.10010	264.18	18.15	48.842783	-86.934858	56082.66	56266	-16.04	56066.61	56062.52734	56024.13984	56028.54297	504779.6	5409981.1
L4780.0	504779.6	5409980.4	5442.20020	265.13	25.27	48.842777	-86.934858	56088.45	56266.1	-16.05	56072.39	56067.01953	56027.18354	56030.68359	504779.6	5409980.4
L4780.0	504779.6	5409979.4	5442.29981	266.39	25.27	48.842768	-86.934858	56094.39	56266.1	-16.06	56078.34	56071.70703	56030.22759	56032.83203	504779.6	5409979.4
L4780.0	504779.6	5409979.4	5442.39990	265.25	27.81	48.842768	-86.934858	56099.46	56266.1	-16.06	56083.40	56075.53125	56033.13979	56034.85938	504779.6	5409979.4
L4780.0	504779.6	5409978.6	5442.50000	265.47	26.79	48.842762	-86.934858	56104.86	56266.1	-16.07	56088.79	56079.70703	56036.04384	56036.88281	504779.6	5409978.6
L4780.0	504779.6	5409977.6	5442.60010	265.44	26.79	48.842753	-86.934859	56110.32	56266.1	-16.07	56094.25	56083.97266	56038.89193	56038.85938	504779.6	5409977.6
L4780.0	504779.6	5409976.8	5442.70020	256.50	27.75	48.842745	-86.934859	56116.33	56266.1	-16.07	56100.25	56088.80469	56041.71167	56040.81250	504779.6	5409976.8
L4780.0	504779.6	5409976.8	5442.79981	255.95	27.87	48.842745	-86.934859	56123.02	56266.1	-16.08	56106.94	56094.34766	56044.49669	56042.73828	504779.6	5409976.8
L4780.0	504779.6	5409975.7	5442.89990	256.19	27.58	48.842735	-86.934859	56128.14	56266.1	-16.08	56112.05	56098.33203	56047.02592	56044.41797	504779.6	5409975.7
L4780.0	504779.6	5409975.0	5443.00000	265.79	26.09	48.842729	-86.934859	56134.18	56266.1	-16.09	56118.09	56103.27344	56049.55287	56046.10156	504779.6	5409975.0
L4780.0	504779.5	5409974.1	5443.10010	265.66	26.09	48.842720	-86.934859	56139.21	56266.1	-16.10	56123.11	56107.21484	56051.89019	56047.60156	504779.5	5409974.1
L4780.0	504779.5	5409973.4	5443.20020	265.23	27.39	48.842715	-86.934860	56145.28	56266.1	-16.11	56129.18	56112.23047	56054.22072	56049.10156	504779.5	5409973.4
L4780.0	504779.5	5409972.6	5443.29981	265.91	25.19	48.842708	-86.934860	56151.36	56266.1	-16.11	56135.24	56117.25781	56056.44120	56050.50391	504779.5	5409972.6
L4780.0	504779.5	5409972.6	5443.39990	265.87	25.19	48.842708	-86.934860	56156.47	56266.1	-16.12	56140.35	56121.35938	56058.48768	56051.73438	504779.5	5409972.6
L4780.0	504779.5	5409971.2	5443.50000	264.49	27.34	48.842695	-86.934860	56162.66	56266.1	-16.13	56146.53	56126.55469	56060.50145	56052.94141	504779.5	5409971.2
L4780.0	504779.5	5409970.1	5443.60010	265.40	27.34	48.842685	-86.934860	56166.28	56266.1	-16.14	56150.14	56129.19922	56062.27739	56053.91797	504779.5	5409970.1
L4780.0	504779.5	5409969.3	5443.70020	263.22	27.34	48.842678	-86.934860	56171.84	56266.1	-16.15	56155.69	56133.80859	56064.07679	56054.92578	504779.5	5409969.3
L4780.0	504779.5	5409969.3	5443.79981	262.43	26.89	48.842678	-86.934860	56177.92	56266.2	-16.15	56161.76	56138.96094	56065.81384	56055.87891	504779.5	5409969.3
L4780.0	504779.4	5409968.1	5443.89990	253.97	26.89	48.842667	-86.934861	56184.22	56266.2	-16.16	56168.06	56144.36328	56067.48062	56056.76953	504779.4	5409968.1
L4780.0	504779.4	5409968.1	5444.00000	253.79	27.5	48.842667	-86.934861	56188.48	56266.2	-16.17	56172.31	56147.73828	56069.03787	56057.55469	504779.4	5409968.1
L4780.0	504779.4	5409965.9	5444.10010	260.80	27.5	48.842647	-86.934861	56194.13	56266.2	-16.17	56177.96	56152.53516	56070.59610	56058.35156	504779.4	5409965.9
L4780.0	504779.4	5409965.1	5444.20020	254.39	25.44	48.842640	-86.934861	56200.07	56266.2	-16.17	56183.90	56157.64453	56072.13578	56059.13672	504779.4	5409965.1
L4780.0	504779.4	5409965.1	5444.29981	251.52	27.21	48.842640	-86.934861	56202.83	56266.2	-16.17	56186.66	56159.59375	56073.65842	56059.91016	504779.4	5409965.1
L4780.0	504779.4	5409963.8	5444.39990	251.63	27.21	48.842628	-86.934861	56207.98	56266.2	-16.17	56191.81	56163.95703	56075.21742	56060.73047	504779.4	5409963.8
L4780.0	504779.4	5409962.9	5444.50000	250.98	23.67	48.842620	-86.934862	56213.96	56266.2	-16.18	56197.78	56169.16016	56076.80394	56061.58594	504779.4	5409962.9
L4780.0	504779.4	5409961.8	5444.60010	258.64	23.67	48.842610	-86.934862	56219.95	56266.2	-16.18	56203.78	56174.41406	56078.43475	56062.48828	504779.4	5409961.8
L4780.0	504779.4	5409961.8	5444.70020	259.05	18.76	48.842610	-86.934862	56223.22	56266.2	-16.18	56207.04	56176.94922	56080.14565	56063.48438	504779.4	5409961.8
L4780.0	504779.3	5409960.6	5444.79981	257.63	18.76	48.842600	-86.934862	56227.55	56266.2	-16.18	56211.37	56180.57813	56081.91635	56064.54297	504779.3	5409960.6
L4780.0	504779.3	5409959.2	5444.89990	257.71	21.89	48.842587	-86.934862	56232.18	56266.2	-16.18	56216.00	56184.52344	56083.75079	56065.67188	504779.3	5409959.2
L4780.0	504779.3	5409958.4	5445.00000	258.77	21.89	48.842579	-86.934863	56236.92	56266.2	-16.18	56220.74	56188.60156	56085.64821	56066.87500	504779.3	5409958.4
L4780.0	504779.3	5409958.4	5445.10010	260.38	27.29	48.842579	-86.934863	56241.48	56266.2	-16.18	56225.30	56192.51953	56087.60832	56068.14844	504779.3	5409958.4
L4780.0	504779.3	5409957.2	5445.20020	262.18	27.11	48.842568	-86.934863	56242.62	56266.2	-16.19	56226.43	56193.02734	56089.63204	56069.48828	504779.3	5409957.2
L4780.0	504779.3	5409956.2	5445.29981	261.56	27.11	48.842560	-86.934863	56246.44	56266.2	-16.19	56230.24	56196.23047	56091.67086	56070.85156	504779.3	5409956.2
L4780.0	504779.3	5409955.3	5445.39990	263.56	18.84	48.842552	-86.934863	56251.17	56266.2	-16.20	56234.97	56200.37891	56093.72012	56072.23438	504779.3	5409955.3
L4780.0	504779.3	5409955.3	5445.50000	255.71	22.34	48.842552	-86.934863	56253.95	56266.2	-16.21	56237.74	56202.58594	56095.74460	56073.60156	504779.3	5409955.3
L4780.0	504779.2	5409954.3	5445.60010	255.08	22.34	48.842543	-86.934863	56257.09	56266.2	-16.21	56240.88	56205.17969	56097.72056	56074.92188	504779.2	5409954.3
L4780.0	504779.2	5409953.1	5445.70020	263.61	17.93	48.842532	-86.934864	56259.66	56266.2	-16.22	56243.45	56207.22266	56099.60839	56076.16406	504779.2	5409953.1
L4780.0	504779.2	5409951.8	5445.79981	264.91	17.93	48.842520	-86.934864	56262.34	56266.2	-16.22	56246.12	56209.38281	56101.39157	56077.30859	504779.2	5409951.8
L4780.0	504779.2	5409951.8	5445.89990	262.93	22.51	48.842520	-86.934864	56264.18	56266.2	-16.23	56247.96	56210.73438	56103.08254	56078.37109	504779.2	5409951.8
L4780.0	504779.2	5409950.6	5446.00000	261.53	22.51	48.842509	-86.934864	56264.15	56266.2	-16.23	56247.92	56210.22266	56104.64197	56079.30469	504779.2	5409950.6
L4780.0	504779.2	5409949.6	5446.10010	259.59	24.71	48.842500	-86.934864	56266.71	56266.2	-16.24	56250.47	56212.31641	56106.14646	56080.19141	504779.2	5409949.6
L4780.0	504779.2	5409948.3	5446.20020	259.83	24.71	48.842489	-86.934864	56266.96	56266.3	-16.25	56250.71	56212.12109	56107.49166	56080.92578	504779.2	5409948.3
L4780.0	504779.2	5409947.2	5446.29981	259.79	26.61	48.842479	-86.934865	56267.53	56266.3	-16.26	56251.26	56212.25000	56108.71930	56081.55078	504779.2	5409947.2
L4780.0	504779.2	5409947.2	5446.39990	260.84	26.85	48.842479	-86.934865	56268.57	56266.3	-16.27	56252.30	56212.88672	56109.82978	56082.06641	504779.2	5409947.2
L4780.0	504779.2	5409945.9	5446.50000	259.69	26.85	48.842467	-86.934865	56268.95	56266.3	-16.29	56252.66	56212.85938	56110.78537	56082.42969	504779.2	5409945.9
L4780.0	504779.1	5409944.5	5446.60010	260.68	26.85	48.842455	-86.934865	56265.66	56266.3	-16.30	56249.36	56209.18750	56111.49928	56082.56250	504779.1	5409944.5
L4780.0	504779.1	5409943.5	5446.70020	261.98	22.84	48.842446	-86.934865	56265.96	56266.3	-16.31	56249.66	56209.13672	56112.14452	56082.63281	504779.1	5409943.5
L4780.0	504779.1	5409943.5	5446.79981	262.76	22.84	48.842446	-86.934865	56264.15	56266.3	-16.32	56247.83	56206.96484	56112.57425	56082.49219	504779.1	5409943.5
L4780.0	504779.1	5409942.4	5446.89990	262.60	26.19	48.842436	-86.934865	56262.86	56266.3	-16.33	56246.53	56205.34375	56112.85935	56082.21484	504779.1	5409942.4
L4780.0	504779.1	5409941.3	5447.00000	263.11	26.19	48.842426	-86.934865	56261.50	56266.3	-16.34	56245.16	56203.66406	56112.99650	56081.79688	504779.1	5409941.3
L4780.0	504779.1	5409940.4	5447.10010	265.30	26.19	48.842417	-86.934866	56257.70	56266.3	-16.35	56241.35	56199.56250	56112.97773	56081.23047	504779.1	5409940.4
L4780.0	504779.1	5409940.4	5447.20020	265.28	26.29	48.842417	-86.934866	56254.38	56266.4	-16.36	56238.02	56195.95313	56112.86707	56080.57813	504779.1	5409940.4
L4780.0	504779.1	5409939.0	5447.29981	258.57	26.04	48.842405	-86.934866	56251.75	56266.4	-16.37	56235.38	56193.05078	56112.67163	56079.84766	504779.1	5409939.0
L4780.0	504779.1	5409937.8	5447.39990	257.53	26.04	48.842394	-86.934866	56249.07	56266.4	-16.38	56232.69	56190.10938	56112.39806	56079.04297	504779.1	5409937.8
L4780.0	504779.1	5409936.8	5447.50000	265.91	25.7	48.842386	-86.934866	56244.71	56266.4	-16.39	56228.32	56185.50391	56112.08831	56078.21484	504779.1	5409936.8
L4780.0	504779.1	5409935.7	5447.60010	265.49	25.7	48.842375	-86.934866	56239.49	56266.4	-16.40	56223.09	56180.05078	56111.77339	56077.38281	504779.1	5409935.7
L4780.0	504779.1	5409934.8	5447.70020	265.86	24.64	48.842367	-86.934866	56235.84	56266.4	-16.41	56219.43	56176.18359	56111.41087	56076.51172	504779.1	5409934.8
L4780.0	504779.1	5409933.9	5447.79981	257.41	23.58	48.842359	-86.934866	56232.91	56266.4	-16.42	56216.49	56173.04688	56111.01854	56075.61719	504779.1	5409933.9
L4780.0	504779.1	5409932.6	5447.89990	256.63	23.58	48.842348	-86.934866	56228.07	56266.4	-16.43	56211.64	56168.01172	56110.73782	56074.83984	504779.1	5409932.6
L4780.0	504779.0	5409931.6	5448.00000	258.00	21.93	48.842339	-86.934866	56223.02	56266.4	-16.44	56206.58	56162.78125	56110.53557	56074.14844	504779.0	5409931.6
L4780.0	504779.0	5409930.9	5448.10010	257.70	20.02	48.842332	-86.934867	56219.57	56266.5	-16.45	56203.12	56159.16016	56110.79186	56073.92188	504779.0	5409930.9
L4780.0	504779.0	5409929.6	5448.20020	255.48	20.02	48.842321	-86.934867	56214.82	56266.5	-16.46	56198.36	56154.25391	56111.43666	56074.08984	504779.0	5409929.6
L4780.0	504779.0	5409929.6	5448.29981	254.32	20.02	48.842321	-86.934867	56210.67	56266.5	-16.47	56194.19	56149.94531	56112.01785	56074.20313	504779.0	5409929.6
L4780.0	504779.0	5409928.2	5448.39990	252.91	22.91	48.842308	-86.934867	56207.81	56266.5	-16.48	56191.32	56146.94922	56112.49012	56074.21094	504779.0	5409928.2
L4780.0	504779.0	5409928.2	5448.50000	250.60	22.77	48.842308	-86.934867	56203.54	56266.5	-16.50	56187.04	56142.55859	56113.03609	56074.29688	504779.0	5409928.2
L4780.0	504779.0	5409926.7	5448.60010	251.43	21.91	48.842295	-86.934868	56200.45	56266.5	-16.51	56183.95	56139.36328	56113.48434	56074.29688	504779.0	5409926.7
L4780.0	504779.0	5409925.6	5448.70020	251.54	21.91	48.842285	-86.934868	56198.25	56266.5	-16.52	56181.74	56137.05859	56113.85740	56074.22266	504779.0	5409925.6
L4780.0	504778.9	5409924.1	5448.79981	251.01	21.02	48.842272	-86.934868	56195.18	56266.5	-16.53	56178.65	56133.88672	56114.27437	56074.20313	504778.9	5409924.1
L4780.0	504778.9	5409923.3	5448.89990	253.02	18.17	48.842264	-86.934868	56190.92	56266.5	-16.54	56174.38	56129.54297	56114.75696	56074.25391	504778.9	5409923.3
L4780.0	504778.9	5409921.8	5449.00000	252.79	18.17	48.842251	-86.934869	56189.34	56266.6	-16.55	56172.79	56127.89063	56115.04945	56074.11719	504778.9	5409921.8
L4780.0	504778.9	5409921.8	5449.10010	257.07	18.79	48.842251	-86.934869	56187.89	56266.6	-16.57	56171.32	56126.36719	56115.32404	56073.97266	504778.9	5409921.8
L4780.0	504778.9	5409920.4	5449.20020	257.83	18.79	48.842238	-86.934869	56186.43	56266.6	-16.58	56169.85	56124.85156	56115.59017	56073.82813	504778.9	5409920.4
L4780.0	504778.8	5409919.0	5449.29981	257.23	23.5	48.842225	-86.934869	56185.03	56266.6	-16.60	56168.44	56123.40234	56115.84517	56073.67188	504778.8	5409919.0
L4780.0	504778.8	5409917.8	5449.29981	257.23	24.03	48.842214	-86.934870	56183.52	56266.6	-16.60	56166.92	56121.85547	56116.10162	56073.52734	504778.8	5409917.8
L4780.0	504778.8	5409917.8	5449.39990	256.45	24.03	48.842214	-86.934870	56182.45	56266.6	-16.61	56165.84	56120.75781	56116.32399	56073.35547	504778.8	5409917.8

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4780.0	504778.8	5409916.3	5449.60010	254.67	22.32	48.842201	-86.934870	56181.93	56266.6	-16.64	56165.29	56120.19531	56116.50732	56073.14844	504778.8	5409916.3
L4780.0	504778.8	5409915.3	5449.70020	255.69	18.25	48.842192	-86.934870	56181.83	56266.7	-16.65	56165.18	56120.08203	56116.65855	56072.91797	504778.8	5409915.3
L4780.0	504778.8	5409914.1	5449.79981	255.54	18.25	48.842181	-86.934871	56181.13	56266.7	-16.67	56164.46	56119.36328	56116.84850	56072.73047	504778.8	5409914.1
L4780.0	504778.8	5409914.1	5449.89990	256.81	21.37	48.842181	-86.934871	56181.25	56266.7	-16.68	56164.56	56119.47656	56117.15222	56072.66016	504778.8	5409914.1
L4780.0	504778.7	5409912.2	5450.00000	255.83	21.37	48.842164	-86.934871	56180.93	56266.7	-16.70	56164.23	56119.16406	56117.77080	56072.91406	504778.7	5409912.2
L4780.0	504778.7	5409910.8	5450.10010	258.23	21.79	48.842152	-86.934871	56181.41	56266.7	-16.72	56164.69	56119.64844	56118.35166	56073.13672	504778.7	5409910.8
L4780.0	504778.7	5409910.8	5450.20020	267.16	20.65	48.842152	-86.934871	56181.22	56266.7	-16.74	56164.48	56119.46875	56118.96008	56073.39063	504778.7	5409910.8
L4780.0	504778.7	5409909.5	5450.29981	265.60	20.65	48.842139	-86.934871	56181.87	56266.8	-16.76	56165.11	56120.13672	56119.53523	56073.62109	504778.7	5409909.5
L4780.0	504778.7	5409908.3	5450.39990	263.09	19.99	48.842129	-86.934872	56181.35	56266.8	-16.78	56164.57	56119.64063	56120.11795	56073.85938	504778.7	5409908.3
L4780.0	504778.7	5409906.9	5450.50000	263.49	19.99	48.842116	-86.934872	56182.07	56266.8	-16.80	56165.27	56120.39063	56120.66285	56074.07031	504778.7	5409906.9
L4780.0	504778.7	5409906.9	5450.60010	264.38	21.98	48.842116	-86.934872	56182.44	56266.8	-16.82	56165.62	56120.79688	56121.18815	56074.26563	504778.7	5409906.9
L4780.0	504778.7	5409905.4	5450.70020	264.39	22.34	48.842103	-86.934872	56183.54	56266.8	-16.84	56166.70	56121.93750	56121.69615	56074.44922	504778.7	5409905.4
L4780.0	504778.6	5409904.2	5450.79981	263.72	22.34	48.842092	-86.934872	56183.98	56266.9	-16.86	56167.12	56122.42578	56122.16828	56074.60156	504778.6	5409904.2
L4780.0	504778.6	5409902.9	5450.89990	255.00	24.92	48.842080	-86.934872	56183.91	56266.9	-16.88	56167.03	56122.40625	56122.58900	56074.71094	504778.6	5409902.9
L4780.0	504778.6	5409902.9	5451.00000	256.11	24.92	48.842080	-86.934872	56184.54	56266.9	-16.90	56167.64	56123.09375	56122.98609	56074.80078	504778.6	5409902.9
L4780.0	504778.6	5409901.4	5451.10010	263.37	22.64	48.842067	-86.934872	56185.61	56266.9	-16.92	56168.69	56124.22266	56123.35404	56074.86719	504778.6	5409901.4
L4780.0	504778.6	5409900.4	5451.20020	264.49	23.58	48.842058	-86.934872	56187.08	56266.9	-16.93	56170.15	56125.76953	56123.68875	56074.90625	504778.6	5409900.4
L4780.0	504778.6	5409899.0	5451.29981	265.40	23.58	48.842045	-86.934872	56188.11	56266.9	-16.95	56171.16	56126.86719	56123.94860	56074.87891	504778.6	5409899.0
L4780.0	504778.6	5409899.0	5451.39990	263.18	23.82	48.842045	-86.934872	56188.74	56267	-16.96	56171.77	56127.57031	56124.12754	56074.77344	504778.6	5409899.0
L4780.0	504778.6	5409897.7	5451.50000	265.03	21.3	48.842034	-86.934872	56189.43	56267	-16.98	56172.45	56128.34766	56124.23995	56074.60938	504778.6	5409897.7
L4780.0	504778.6	5409896.6	5451.60010	255.35	23.84	48.842023	-86.934872	56190.13	56267	-17.00	56173.13	56129.13281	56124.27973	56074.37500	504778.6	5409896.6
L4780.0	504778.6	5409895.4	5451.70020	255.23	23.84	48.842013	-86.934872	56191.14	56267	-17.01	56174.13	56130.23438	56124.25891	56074.08594	504778.6	5409895.4
L4780.0	504778.6	5409893.7	5451.79981	256.36	21.29	48.841998	-86.934872	56191.52	56267	-17.03	56174.50	56130.71484	56124.14525	56073.71094	504778.6	5409893.7
L4780.0	504778.6	5409892.7	5451.89990	264.80	21.29	48.841988	-86.934872	56192.28	56267	-17.04	56175.24	56131.56641	56123.97323	56073.28516	504778.6	5409892.7
L4780.0	504778.6	5409891.6	5452.00000	266.89	21.07	48.841979	-86.934872	56193.34	56267.1	-17.06	56176.28	56132.71875	56123.74255	56072.80469	504778.6	5409891.6
L4780.0	504778.6	5409891.6	5452.10010	259.53	21.07	48.841979	-86.934872	56193.97	56267.1	-17.07	56176.90	56133.45703	56123.44737	56072.26563	504778.6	5409891.6
L4780.0	504778.6	5409890.3	5452.20020	260.07	21.35	48.841967	-86.934872	56194.56	56267.1	-17.09	56177.47	56134.14453	56123.10725	56071.68750	504778.6	5409890.3
L4780.0	504778.7	5409889.4	5452.29981	259.14	20.45	48.841959	-86.934872	56195.52	56267.1	-17.10	56178.42	56135.21875	56122.72612	56071.07422	504778.7	5409889.4
L4780.0	504778.7	5409888.0	5452.39990	256.64	20.43	48.841946	-86.934872	56196.43	56267.1	-17.12	56179.31	56136.23438	56122.30514	56070.42578	504778.7	5409888.0
L4780.0	504778.7	5409886.8	5452.50000	257.54	20.63	48.841936	-86.934872	56197.09	56267.1	-17.13	56179.95	56137.00000	56121.85533	56069.75391	504778.7	5409886.8
L4780.0	504778.7	5409885.4	5452.60010	263.65	20.63	48.841923	-86.934872	56197.62	56267.2	-17.15	56180.47	56137.64844	56121.38574	56069.06641	504778.7	5409885.4
L4780.0	504778.7	5409885.4	5452.70020	264.48	22.79	48.841923	-86.934872	56196.63	56267.2	-17.17	56179.46	56136.76953	56120.97345	56068.44141	504778.7	5409885.4
L4780.0	504778.7	5409884.3	5452.79981	263.21	24.38	48.841913	-86.934872	56198.06	56267.2	-17.18	56180.88	56138.32422	56120.43525	56067.69922	504778.7	5409884.3
L4780.0	504778.7	5409883.0	5452.89990	254.24	24.38	48.841901	-86.934872	56198.56	56267.2	-17.19	56181.36	56138.93750	56120.06415	56067.12891	504778.7	5409883.0
L4780.0	504778.7	5409881.7	5453.00000	254.31	20.84	48.841890	-86.934872	56199.28	56267.2	-17.21	56182.07	56139.78125	56120.10837	56066.98047	504778.7	5409881.7
L4780.0	504778.7	5409880.3	5453.10010	253.89	20.84	48.841877	-86.934871	56200.63	56267.2	-17.23	56183.41	56141.25781	56120.10225	56066.78516	504778.7	5409880.3
L4780.0	504778.7	5409880.3	5453.20020	252.64	21.03	48.841877	-86.934871	56201.31	56267.2	-17.24	56184.06	56142.04688	56120.13325	56066.63281	504778.7	5409880.3
L4780.0	504778.8	5409878.9	5453.29981	254.42	21.03	48.841865	-86.934871	56201.44	56267.3	-17.26	56184.18	56142.30859	56120.19016	56066.51172	504778.8	5409878.9
L4780.0	504778.8	5409877.5	5453.39990	254.62	23.73	48.841852	-86.934871	56202.96	56267.3	-17.27	56185.68	56143.94531	56120.14513	56066.29297	504778.8	5409877.5
L4780.0	504778.8	5409876.3	5453.50000	254.27	23.73	48.841841	-86.934870	56203.78	56267.3	-17.29	56186.49	56144.89844	56120.13563	56066.11719	504778.8	5409876.3
L4780.0	504778.8	5409875.0	5453.60010	255.40	18.95	48.841830	-86.934870	56203.41	56267.3	-17.31	56186.11	56144.66016	56120.19449	56066.01172	504778.8	5409875.0
L4780.0	504778.8	5409875.0	5453.70020	253.00	18.95	48.841830	-86.934870	56203.14	56267.3	-17.32	56185.82	56144.51172	56120.23588	56065.89844	504778.8	5409875.0
L4780.0	504778.9	5409873.5	5453.79981	252.20	21.41	48.841816	-86.934870	56205.33	56267.3	-17.34	56187.99	56146.82422	56120.10130	56065.61328	504778.9	5409873.5
L4780.0	504778.9	5409873.5	5453.89990	254.84	21.41	48.841816	-86.934870	56205.55	56267.4	-17.35	56188.19	56147.16797	56120.08562	56065.45313	504778.9	5409873.5
L4780.0	504778.9	5409870.9	5454.00000	254.68	23.37	48.841793	-86.934869	56204.95	56267.4	-17.37	56187.58	56146.70313	56120.11104	56065.33984	504778.9	5409870.9
L4780.0	504778.9	5409870.9	5454.10010	254.34	23.37	48.841793	-86.934869	56205.48	56267.4	-17.39	56188.09	56147.35547	56120.04847	56065.14063	504778.9	5409870.9
L4780.0	504778.9	5409869.6	5454.20020	254.14	23.42	48.841781	-86.934869	56205.61	56267.4	-17.41	56188.21	56147.62109	56119.99815	56064.96094	504778.9	5409869.6
L4780.0	504779.0	5409868.1	5454.29981	253.52	23.42	48.841768	-86.934868	56206.75	56267.4	-17.42	56189.33	56148.88672	56119.86700	56064.70703	504779.0	5409868.1
L4780.0	504779.0	5409866.6	5454.39990	254.46	18.62	48.841754	-86.934868	56207.84	56267.4	-17.44	56190.39	56150.08984	56119.72532	56064.44531	504779.0	5409866.6
L4780.0	504779.0	5409866.6	5454.50000	254.50	18.62	48.841754	-86.934868	56208.54	56267.5	-17.46	56191.08	56150.92578	56119.59343	56064.20313	504779.0	5409866.6
L4780.0	504779.0	5409865.2	5454.60010	255.59	18.79	48.841741	-86.934868	56208.44	56267.5	-17.48	56190.96	56150.94922	56119.50031	56064.00000	504779.0	5409865.2
L4780.0	504779.0	5409863.9	5454.70020	254.11	21.68	48.841729	-86.934867	56208.68	56267.5	-17.50	56191.18	56151.31250	56119.36901	56063.76563	504779.0	5409863.9
L4780.0	504779.0	5409862.9	5454.79981	255.02	21.68	48.841721	-86.934867	56207.71	56267.5	-17.51	56190.19	56150.46484	56119.30259	56063.60547	504779.0	5409862.9
L4780.0	504779.0	5409861.7	5454.89990	255.84	20.66	48.841709	-86.934867	56208.19	56267.5	-17.53	56190.66	56151.07813	56119.12280	56063.33203	504779.0	5409861.7
L4780.0	504779.1	5409860.6	5455.00000	255.24	22.13	48.841700	-86.934867	56208.60	56267.6	-17.55	56191.05	56151.60938	56118.93211	56063.05469	504779.1	5409860.6
L4780.0	504779.1	5409859.2	5455.10010	253.52	22.13	48.841687	-86.934867	56208.66	56267.6	-17.56	56191.10	56151.80469	56118.74767	56062.79297	504779.1	5409859.2
L4780.0	504779.1	5409859.2	5455.20020	252.75	21.96	48.841687	-86.934867	56208.77	56267.6	-17.58	56191.20	56152.04297	56118.54336	56062.51172	504779.1	5409859.2
L4780.0	504779.1	5409857.8	5455.29981	252.28	24.52	48.841674	-86.934867	56208.39	56267.6	-17.59	56190.80	56151.78516	56118.35573	56062.25391	504779.1	5409857.8
L4780.0	504779.1	5409856.4	5455.39990	252.93	23.07	48.841662	-86.934867	56208.04	56267.6	-17.61	56190.43	56151.55469	56118.14940	56061.98438	504779.1	5409856.4
L4780.0	504779.0	5409855.1	5455.50000	252.31	23.07	48.841650	-86.934867	56207.76	56267.6	-17.62	56190.14	56151.40625	56117.92102	56061.69531	504779.0	5409855.1
L4780.0	504779.0	5409853.7	5455.60010	252.80	11.7	48.841638	-86.934868	56207.43	56267.6	-17.63	56189.79	56151.19531	56117.67995	56061.40234	504779.0	5409853.7
L4780.0	504779.0	5409853.7	5455.70020	252.70	11.7	48.841638	-86.934868	56207.06	56267.6	-17.65	56189.41	56150.95313	56117.42425	56061.09766	504779.0	5409853.7
L4780.0	504779.0	5409852.4	5455.79981	250.43	10.97	48.841626	-86.934868	56206.35	56267.7	-17.66	56188.69	56150.37109	56117.17473	56060.80469	504779.0	5409852.4
L4780.0	504779.0	5409850.8	5455.89990	253.10	18.59	48.841612	-86.934868	56205.79	56267.7	-17.68	56188.11	56149.92578	56116.89953	56060.49219	504779.0	5409850.8
L4780.0	504779.0	5409849.8	5456.00000	253.70	23.58	48.841603	-86.934868	56205.03	56267.7	-17.69	56187.34	56149.29297	56116.62087	56060.17969	504779.0	5409849.8
L4780.0	504779.0	5409848.7	5456.10010	254.68	23.58	48.841593	-86.934869	56204.51	56267.7	-17.70	56186.81	56148.89844	56116.31035	56059.84375	504779.0	5409848.7
L4780.0	504779.0	5409847.4	5456.20020	255.58	23.27	48.841581	-86.934869	56203.11	56267.7	-17.71	56185.40	56147.62109	56116.04294	56059.55469	504779.0	5409847.4
L4780.0	504778.9	5409846.2	5456.29981	255.07	22.5	48.841571	-86.934869	56201.74	56267.7	-17.72	56184.02	56146.37500	56115.75834	56059.25391	504778.9	5409846.2
L4780.0	504778.9	5409845.2	5456.39990	253.56	22.5	48.841561	-86.934869	56200.25	56267.7	-17.73	56182.52	56145.00781	56115.46694	56058.95313	504778.9	5409845.2
L4780.0	504778.9	5409845.2	5456.50000	253.93	21.39	48.841561	-86.934869	56199.03	56267.7	-17.74	56181.30	56143.91797	56115.14255	56058.62500	504778.9	5409845.2
L4780.0	504778.9	5409843.4	5456.60010	254.42	25.99	48.841545	-86.934870	56198.41	56267.7	-17.74	56180.66	56143.41016	56114.76567	56058.24609	504778.9	5409843.4
L4780.0	504778.9	5409842.2	5456.70020	255.88	21.23	48.841535	-86.934870	56196.68	56267.8	-17.75	56178.93	56141.80859	56114.44818	56057.93750	504778.9	5409842.2
L4780.0	504778.9	5409840.8	5456.79981	255.90	21.23	48.841522	-86.934870	56194.00	56267.8	-17.76	56176.24	56139.25000	56114.18203	56057.68359	504778.9	5409840.8
L4780.0	504778.9	5409840.8	5456.89990	257.37	18.66	48.841522	-86.934870	56192.14	56267.8	-17.77	56174.37	56137.50781	56113.84918	56057.36719	504778.9	5409840.8
L4780.0	504778.9	5409838.3	5457.00000	258.39	18.66	48.841499	-86.934870	56189.98	56267.8	-17.78	56172.20	56135.46484	56113.52501	56057.06641	504778.9	5409838.3
L4780.0	504778.9	5409838.3	5457.10010	256.80	20.08	48.841499	-86.934870	56188.91	56267.8	-17.79	56171.11	56134.50000	56113.11824	56056.68750	504778.9	5409838.3
L4780.0	504778.9	5409837.1	5457.20020	257.14	22.53	48.841488	-86.934870	56187.28	56267.8	-17.81	56169.47	56132.98438	56112.73832	56056.33984	504778.9	5409837.1
L4780.0	504778.9	5409835.8	5457.29981	255.51	22.53	48.841476	-86.934870	56185.81	56267.8	-17.82	56167.98	56131.62109	56112.33939	56055.98047	504778.9	5409835.8
L4780.0	504778.8	5409834.1	5457.39990	255.97	23.84	48.841461	-86.934871	56181.40	56267.8	-17.84	56163.56	56127.32422	56112.26774	56055.95313	504778.8	5409834.1
L4780.0	504778.8	5409832.7	5457.50000	257.90	23.84	48.841449	-86.934871	56179.46	56267.9	-17.86	56161.61	56125.49609	56112.26370	56056.00000	504778.8	5409832.7
L4780.0	504778.8	5409832.7	5457.60010	259.04	24.46	48.841449	-86.934871	56177.21	56267.9	-17.87	56159.34	56123.34766	56112.24424	56056.03516	504778.8	5409832.7
L4780.0	504778.8	5409831.4	5457.70020	257.58	24.66	48.841437	-86.934871	56175.02	56267.9	-17.89	56157.13	56121.26172	56112.18625	56056.03906	504778.8	5409831.4
L4780.0	504778.8	5409830.2	5457.79981	257.97	24.66	48.841426	-86.934871	56172.56	56267.9	-17.90	56154.66	56118.91016	56112.10088	56056.02344	504778.8	5409830.2
L4780.0	504778.8	5409828.7	5457.89990	255.88	20.34	48.841413	-86.934871	56170.09	56267.9	-17.92	56152.18	56116.55078	56111.97566	56055.96875	504778.8	5409828.7
L4780.0	504778.8	5409828.7	5458.00000	261.72	20.92	48.841413	-86.934871	56168.32	56267.9	-17.93	56150.39	56114.88281	56111.80024	56055.87109	504778.8	5409828.7
L4780.0	504778.8	5409827.1	5458.10010	261.19	20.92	48.841398	-86.934871	56164.58	56267.9	-17.94	56146.64	56111.25000	56111.61068	56055.76953	504778.8	5409827.1
L4780.0	504778.8	5409826.0	5458.20020	260.31	20.92	48.841389	-86.934872	56162.00	56267.9	-17.95	56144.05	56108.78125	56111.36315	56055.60938	504778.8	5409826.0
L4780.0	504778.8	5409824.2	5458.29981	260.05	22.81	48.841372	-86.934872	56159.23	56268	-17.95	56141.27	56106.11719	56111.07577	56055.41797	504778.8	5409824.2
L4780.0	504778.7	5409822.8	5458.39990	259.96	22.96	48.841360	-86.934872	56156.62	56268	-17.96	56138.65	56103.61719	56110.75116	56055.19531	504778.7	5409822.8
L4780.0	504778.7	5409821.6	5458.50000	262.21	22.96	48.841350	-86.934872	56153.96	56268	-17.97	56135.99	56101.07422	56110.39071	56054.94141	504778.7	5409821.6
L4780.0	504778.7	5409821.6	5458.60010	262.38	21.8	48.841350	-86.934872	56151.73	56268	-17.98	56133.76	56098.96094	56110.00818	56054.67188	504778.7	5409821.6
L4780.0	504778.7	5409820.3	5458.70020	261.90	22.38	48.841337	-86.934872	56149.06	56268	-17.99	56131.07	56096.38672	56109.58537	56054.36719	504778.7	5409820.3
L4780.0	504778.7	5409819.1	5458.79981	263.55	22.38	48.841327	-86.934872	56146.54	56268	-17.99	56128.54	56093.97266	56109.14034	56054.04688	504778.7	5409819.1

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4780.0	504778.7	5409817.8	5458.89990	264.27	23.82	48.841315	-86.934873	56144.00	56268	-18.00	56125.99	56091.53906	56108.67085	56053.70703	504778.7	5409817.8
L4780.0	504778.7	5409816.2	5459.00000	264.23	24.87	48.841301	-86.934873	56141.82	56268	-18.01	56123.81	56089.47266	56108.19760	56053.36719	504778.7	5409816.2
L4780.0	504778.7	5409815.0	5459.10010	264.52	24.87	48.841289	-86.934873	56139.77	56268	-18.02	56121.75	56087.53125	56107.71582	56053.02734	504778.7	5409815.0
L4780.0	504778.7	5409815.0	5459.20020	262.64	27.58	48.841289	-86.934873	56137.19	56268	-18.02	56119.16	56085.05469	56107.19513	56052.65234	504778.7	5409815.0
L4780.0	504778.6	5409813.4	5459.29981	261.50	27.58	48.841275	-86.934873	56134.69	56268	-18.03	56116.66	56082.67188	56106.66831	56052.27734	504778.6	5409813.4
L4780.0	504778.6	5409812.0	5459.39990	262.46	27.58	48.841262	-86.934874	56132.11	56268	-18.04	56114.07	56080.19531	56106.13074	56051.89844	504778.6	5409812.0
L4780.0	504778.6	5409810.3	5459.50000	262.06	25.05	48.841247	-86.934874	56130.91	56268	-18.04	56112.87	56079.11328	56105.67310	56051.60547	504778.6	5409810.3
L4780.0	504778.6	5409810.3	5459.60010	264.37	27	48.841247	-86.934874	56129.84	56268.1	-18.05	56111.78	56078.14063	56105.22761	56051.32813	504778.6	5409810.3
L4780.0	504778.6	5409809.0	5459.70020	261.76	27	48.841236	-86.934874	56127.70	56268.1	-18.06	56109.64	56076.11328	56104.72841	56051.00781	504778.6	5409809.0
L4780.0	504778.6	5409807.0	5459.79981	259.80	28	48.841217	-86.934874	56125.73	56268.1	-18.07	56107.66	56074.25000	56104.24959	56050.70703	504778.6	5409807.0
L4780.0	504778.6	5409805.6	5459.89990	262.77	28	48.841205	-86.934875	56123.58	56268.1	-18.07	56105.51	56072.21875	56103.77554	56050.42188	504778.6	5409805.6
L4780.0	504778.6	5409805.6	5460.00000	256.23	25.57	48.841205	-86.934875	56122.29	56268.1	-18.08	56104.21	56071.03516	56103.36661	56050.20313	504778.6	5409805.6
L4780.0	504778.5	5409803.0	5460.10010	257.14	25.57	48.841182	-86.934875	56121.26	56268.1	-18.08	56103.17	56070.11328	56102.98935	56050.02344	504778.5	5409803.0
L4780.0	504778.5	5409803.0	5460.20020	262.31	24.49	48.841182	-86.934875	56120.47	56268.1	-18.09	56102.38	56069.44141	56102.64327	56049.88281	504778.5	5409803.0
L4780.0	504778.5	5409801.6	5460.29981	261.39	26.5	48.841169	-86.934875	56118.95	56268.1	-18.09	56100.85	56068.03125	56102.28127	56049.73047	504778.5	5409801.6
L4780.0	504778.5	5409801.6	5460.39990	263.80	26.5	48.841169	-86.934875	56117.89	56268.1	-18.10	56099.79	56067.08984	56101.96474	56049.62500	504778.5	5409801.6
L4780.0	504778.5	5409800.2	5460.50000	263.89	26.5	48.841157	-86.934875	56117.06	56268.1	-18.10	56098.95	56066.36719	56101.67992	56049.56250	504778.5	5409800.2
L4780.0	504778.5	5409798.6	5460.60010	262.03	30.31	48.841142	-86.934875	56116.50	56268.1	-18.10	56098.39	56065.92969	56101.42684	56049.53516	504778.5	5409798.6
L4780.0	504778.5	5409796.9	5460.70020	261.03	30.31	48.841127	-86.934875	56115.11	56268.1	-18.11	56097.00	56064.66016	56101.16828	56049.50781	504778.5	5409796.9
L4780.0	504778.5	5409796.9	5460.79981	261.60	30.27	48.841127	-86.934875	56114.86	56268.1	-18.11	56096.74	56064.52344	56100.96649	56049.54297	504778.5	5409796.9
L4780.0	504778.5	5409795.5	5460.89990	260.90	29.03	48.841115	-86.934875	56114.35	56268.1	-18.12	56096.23	56064.13281	56100.77640	56049.59375	504778.5	5409795.5
L4780.0	504778.5	5409794.1	5461.00000	260.93	29.03	48.841102	-86.934875	56114.97	56268.1	-18.12	56096.85	56064.87891	56100.62632	56049.69141	504778.5	5409794.1
L4780.0	504778.5	5409794.1	5461.10010	254.29	31.21	48.841102	-86.934875	56113.42	56268.1	-18.13	56095.29	56063.44141	56100.45370	56049.77344	504778.5	5409794.1
L4780.0	504778.5	5409791.3	5461.20020	255.71	26.48	48.841077	-86.934875	56113.89	56268.1	-18.13	56095.76	56064.03906	56100.33057	56049.90625	504778.5	5409791.3
L4780.0	504778.5	5409791.3	5461.29981	262.38	26.48	48.841077	-86.934875	56113.71	56268.1	-18.14	56095.58	56063.98438	56100.21318	56050.05469	504778.5	5409791.3
L4780.0	504778.5	5409789.9	5461.39990	258.02	30.29	48.841064	-86.934875	56114.32	56268.1	-18.14	56096.18	56064.71484	56100.11742	56050.22656	504778.5	5409789.9
L4780.0	504778.5	5409788.5	5461.50000	257.45	31.18	48.841051	-86.934875	56114.96	56268.2	-18.15	56096.81	56065.47266	56100.03492	56050.41797	504778.5	5409788.5
L4780.0	504778.5	5409786.9	5461.60010	259.56	31.18	48.841037	-86.934876	56115.89	56268.2	-18.16	56097.73	56066.52344	56099.96857	56050.63281	504778.5	5409786.9
L4780.0	504778.5	5409786.9	5461.70020	260.35	31.79	48.841037	-86.934876	56114.66	56268.2	-18.16	56096.49	56065.41406	56099.90242	56050.85156	504778.5	5409786.9
L4780.0	504778.5	5409785.1	5461.79981	258.47	29.68	48.841021	-86.934876	56115.92	56268.2	-18.17	56097.75	56066.80469	56099.86987	56051.10547	504778.5	5409785.1
L4780.0	504778.5	5409783.9	5461.89990	258.51	30.43	48.841010	-86.934876	56116.52	56268.2	-18.17	56098.35	56067.53906	56099.84988	56051.38281	504778.5	5409783.9
L4780.0	504778.5	5409782.4	5462.00000	259.19	30.43	48.840996	-86.934876	56116.02	56268.2	-18.18	56097.84	56067.16797	56099.83469	56051.66406	504778.5	5409782.4
L4780.0	504778.5	5409782.4	5462.10010	262.38	35.12	48.840996	-86.934876	56118.20	56268.2	-18.19	56100.01	56069.47266	56099.87066	56052.00391	504778.5	5409782.4
L4780.0	504778.5	5409780.9	5462.20020	261.81	34.94	48.840982	-86.934876	56118.47	56268.2	-18.20	56100.28	56069.88281	56099.90085	56052.34375	504778.5	5409780.9
L4780.0	504778.5	5409779.5	5462.29981	262.13	34.94	48.840971	-86.934876	56119.84	56268.2	-18.20	56101.64	56071.38281	56099.96845	56052.72656	504778.5	5409779.5
L4780.0	504778.5	5409777.9	5462.39990	261.35	23.53	48.840956	-86.934876	56120.44	56268.2	-18.21	56102.23	56072.11328	56100.04035	56053.11719	504778.5	5409777.9
L4780.0	504778.4	5409776.5	5462.50000	263.90	24.51	48.840943	-86.934877	56121.26	56268.2	-18.22	56103.04	56073.06641	56100.13370	56053.53516	504778.4	5409776.5
L4780.0	504778.4	5409776.5	5462.60010	263.58	23.88	48.840943	-86.934877	56123.71	56268.2	-18.23	56105.48	56075.64844	56100.28562	56054.01172	504778.4	5409776.5
L4780.0	504778.4	5409774.3	5462.70020	261.81	23.88	48.840923	-86.934877	56123.37	56268.2	-18.24	56105.13	56075.44531	56100.37837	56054.43750	504778.4	5409774.3
L4780.0	504778.4	5409774.3	5462.79981	262.76	34.65	48.840923	-86.934877	56124.93	56268.2	-18.24	56106.68	56077.14453	56100.53379	56054.92969	504778.4	5409774.3
L4780.0	504778.4	5409772.9	5462.89990	262.34	34.65	48.840911	-86.934877	56126.59	56268.3	-18.25	56108.34	56078.95313	56100.70035	56055.43750	504778.4	5409772.9
L4780.0	504778.4	5409770.9	5463.00000	262.43	25.89	48.840893	-86.934877	56128.18	56268.3	-18.26	56109.92	56080.68359	56100.86705	56055.94922	504778.4	5409770.9
L4780.0	504778.4	5409770.9	5463.10010	263.54	22.77	48.840893	-86.934877	56129.70	56268.3	-18.26	56111.44	56082.35938	56101.02829	56056.46094	504778.4	5409770.9
L4780.0	504778.4	5409768.2	5463.20020	262.57	22.77	48.840868	-86.934877	56131.37	56268.3	-18.26	56113.11	56084.18359	56101.18399	56056.96875	504778.4	5409768.2
L4780.0	504778.4	5409768.2	5463.29981	262.09	23.17	48.840868	-86.934877	56131.60	56268.3	-18.27	56113.33	56084.56250	56101.29675	56057.44141	504778.4	5409768.2
L4780.0	504778.4	5409767.0	5463.39990	263.24	22.67	48.840858	-86.934877	56133.05	56268.3	-18.27	56114.78	56086.16797	56101.42009	56057.92578	504778.4	5409767.0
L4780.0	504778.4	5409765.1	5463.50000	261.80	22.67	48.840841	-86.934877	56134.96	56268.3	-18.27	56116.69	56088.24219	56101.52571	56058.39844	504778.4	5409765.1
L4780.0	504778.4	5409763.9	5463.60010	263.38	24.48	48.840830	-86.934877	56136.84	56268.3	-18.27	56118.56	56090.27344	56101.60203	56058.84375	504778.4	5409763.9
L4780.0	504778.4	5409762.8	5463.70020	263.38	24.48	48.840820	-86.934877	56136.81	56268.3	-18.27	56118.54	56090.41797	56101.66356	56059.27734	504778.4	5409762.8
L4780.0	504778.4	5409762.8	5463.79981	263.50	34.09	48.840820	-86.934877	56138.47	56268.3	-18.28	56120.20	56092.24219	56101.69737	56059.68750	504778.4	5409762.8
L4780.0	504778.4	5409761.0	5463.89990	254.61	28.9	48.840804	-86.934877	56139.92	56268.3	-18.28	56121.64	56093.85156	56101.71018	56060.07813	504778.4	5409761.0
L4780.0	504778.4	5409759.3	5464.00000	254.80	28.9	48.840788	-86.934877	56141.46	56268.3	-18.28	56123.18	56095.56250	56101.69797	56060.44922	504778.4	5409759.3
L4780.0	504778.4	5409759.3	5464.10010	256.34	33.16	48.840788	-86.934877	56142.81	56268.3	-18.29	56124.51	56097.06641	56101.67373	56060.81250	504778.4	5409759.3
L4780.0	504778.4	5409757.6	5464.20020	255.67	33.16	48.840773	-86.934877	56143.97	56268.3	-18.30	56125.67	56098.40234	56101.64400	56061.17188	504778.4	5409757.6
L4780.0	504778.4	5409755.7	5464.29981	256.11	32.12	48.840756	-86.934877	56145.66	56268.3	-18.31	56127.34	56100.25000	56101.57476	56061.49609	504778.4	5409755.7
L4780.0	504778.4	5409754.1	5464.39990	256.81	32.12	48.840742	-86.934877	56145.93	56268.3	-18.32	56127.60	56100.68750	56101.69112	56062.00781	504778.4	5409754.1
L4780.0	504778.4	5409754.1	5464.50000	254.81	29.38	48.840742	-86.934877	56147.40	56268.3	-18.33	56129.07	56102.33984	56101.83650	56062.55078	504778.4	5409754.1
L4780.0	504778.4	5409752.6	5464.60010	255.89	29.38	48.840729	-86.934877	56148.37	56268.3	-18.35	56130.02	56103.47266	56102.01817	56063.13672	504778.4	5409752.6
L4780.0	504778.4	5409752.6	5464.70020	254.67	29.44	48.840729	-86.934877	56149.84	56268.4	-18.36	56131.48	56105.11719	56102.16690	56063.68750	504778.4	5409752.6
L4780.0	504778.4	5409751.0	5464.79981	255.86	29.44	48.840714	-86.934877	56150.46	56268.4	-18.37	56132.09	56105.91797	56102.37281	56064.30078	504778.4	5409751.0
L4780.0	504778.4	5409749.6	5464.89990	255.14	29.05	48.840701	-86.934877	56151.89	56268.4	-18.38	56133.51	56107.52734	56102.52471	56064.86328	504778.4	5409749.6
L4780.0	504778.4	5409748.1	5465.00000	253.91	25.9	48.840687	-86.934877	56152.29	56268.4	-18.39	56133.90	56108.10938	56102.74476	56065.49219	504778.4	5409748.1
L4780.0	504778.4	5409746.5	5465.10010	253.45	27	48.840674	-86.934877	56153.45	56268.4	-18.40	56135.05	56109.45313	56102.91314	56066.07422	504778.4	5409746.5
L4780.0	504778.4	5409746.5	5465.20020	255.95	27	48.840674	-86.934877	56154.57	56268.4	-18.40	56136.16	56110.76172	56103.08273	56066.66016	504778.4	5409746.5
L4780.0	504778.5	5409745.1	5465.29981	254.31	27	48.840661	-86.934877	56155.37	56268.4	-18.41	56136.96	56111.76172	56103.27109	56067.26563	504778.5	5409745.1
L4780.0	504778.5	5409743.7	5465.39990	254.97	22.07	48.840649	-86.934877	56156.32	56268.4	-18.42	56137.90	56112.90234	56103.44779	56067.86328	504778.5	5409743.7
L4780.0	504778.5	5409742.4	5465.50000	253.83	21.34	48.840636	-86.934877	56155.52	56268.4	-18.42	56137.10	56112.30469	56103.73777	56068.57422	504778.5	5409742.4
L4780.0	504778.5	5409741.0	5465.60010	254.31	21.34	48.840624	-86.934877	56156.94	56268.4	-18.43	56138.51	56113.92188	56103.87731	56069.13672	504778.5	5409741.0
L4780.0	504778.5	5409741.0	5465.70020	256.06	28.64	48.840624	-86.934877	56158.09	56268.4	-18.44	56139.65	56115.26953	56104.03141	56069.71875	504778.5	5409741.0
L4780.0	504778.4	5409739.2	5465.79981	254.94	29.95	48.840608	-86.934877	56158.92	56268.4	-18.45	56140.48	56116.31250	56104.20239	56070.31250	504778.4	5409739.2
L4780.0	504778.4	5409738.0	5465.89990	256.42	29.95	48.840597	-86.934877	56159.06	56268.5	-18.45	56140.61	56116.65625	56104.41593	56070.95703	504778.4	5409738.0
L4780.0	504778.5	5409736.8	5466.00000	255.76	29.43	48.840587	-86.934877	56159.27	56268.5	-18.46	56140.81	56117.07031	56104.62040	56071.58984	504778.5	5409736.8
L4780.0	504778.5	5409735.4	5466.10010	254.98	29.43	48.840574	-86.934877	56159.93	56268.5	-18.47	56141.46	56117.93750	56104.79020	56072.18750	504778.5	5409735.4
L4780.0	504778.4	5409734.2	5466.20020	256.00	30.86	48.840563	-86.934877	56160.97	56268.5	-18.47	56142.49	56119.18750	56104.92974	56072.75781	504778.4	5409734.2
L4780.0	504778.4	5409733.1	5466.29981	257.84	30.86	48.840553	-86.934877	56161.21	56268.5	-18.48	56142.73	56119.65234	56105.11676	56073.37500	504778.4	5409733.1
L4780.0	504778.4	5409733.1	5466.39990	257.58	29.16	48.840553	-86.934877	56160.54	56268.5	-18.49	56142.05	56119.19531	56105.35973	56074.05078	504778.4	5409733.1
L4780.0	504778.4	5409731.5	5466.50000	258.16	30.32	48.840539	-86.934877	56161.05	56268.5	-18.49	56142.55	56119.92578	56105.51842	56074.64453	504778.4	5409731.5
L4780.0	504778.5	5409729.6	5466.60010	256.87	30.32	48.840522	-86.934877	56161.92	56268.5	-18.50	56143.42	56121.02344	56105.64665	56075.20703	504778.5	5409729.6
L4780.0	504778.5	5409728.2	5466.70020	256.13	26.45	48.840509	-86.934877	56163.12	56268.5	-18.51	56144.61	56122.44531	56105.74757	56075.74219	504778.5	5409728.2
L4780.0	504778.5	5409728.2	5466.79981	255.23	26.45	48.840509	-86.934877	56163.20	56268.5	-18.52	56144.68	56122.75000	56105.91702	56076.34375	504778.5	5409728.2
L4780.0	504778.5	5409726.8	5466.89990	254.29	30.34	48.840496	-86.934877	56163.52	56268.5	-18.52	56145.00	56123.30859	56106.06352	56076.92578	504778.5	5409726.8
L4780.0	504778.5	5409725.2	5467.00000	257.22	30.63	48.840482	-86.934877	56163.83	56268.5	-18.53	56145.30	56123.84766	56106.20494	56077.50000	504778.5	5409725.2
L4780.0	504778.5	5409723.9	5467.10010	256.97	31.83	48.840470	-86.934877	56164.40	56268.5	-18.54	56145.86	56124.64844	56106.32247	56078.05469	504778.5	5409723.9
L4780.0	504778.5	5409722.3	5467.20020	258.56	31.83	48.840456	-86.934876	56164.26	56268.5	-18.55	56145.71	56124.74219	56106.48068	56078.64453	504778.5	5409722.3
L4780.0	504778.5	5409722.3	5467.29981	256.37	29.81	48.840456	-86.934876	56164.30	56268.6	-18.56	56145.74	56125.01563	56106.62013	56079.21875	504778.5	5409722.3
L4780.0	504778.5	5409720.6	5467.39990	255.58	29.81	48.840441	-86.934876	56164.44	56268.6	-18.57	56145.87	56125.39453	56106.74605	56079.77734	504778.5	5409720.6
L4780.0	504778.5	5409719.5	5467.50000	254.10	31.01	48.840430	-86.934876	56165.06	56268.6	-18.58	56146.48	56126.25391	56106.83304	56080.30078	504778.5	5409719.5
L4780.0	504778.5	5409718.0	5467.60010	256.60	31.01	48.840417	-86.934876	56164.61	56268.6	-18.58	56146.02	56126.04688	56106.98434	56080.88281	504778.5	5409718.0
L4780.0	504778.5	5409718.0	5467.70020	256.92	30.4	48.840417	-86.934876	56164.64	56268.6	-18.59	56146.05	56126.33203	56107.09590	56081.42578	504778.5	5409718.0
L4780.0	504778.5	5409716.5	5467.79981	256.37	28.83	48.840403	-86.934876	56165.24	56268.6	-18.60	56146.64	56127.17969	56107.16300	56081.92578	504778.5	5409716.5
L4780.0	504778.5	5409715.4	5467.89990	256.02	28.83	48.840394	-86.934876	56165.52	56268.6	-18.61	56146.91	56127.70703	56107.24424	56082.43750	504778.5	5409715.4
L4780.0	504778.5	5409714.0	5468.00000	254.59	28.53	48.840381	-86.934876	56165.82	56268.6	-18.62	56147.20	56128.25781	56107.31691	56082.93750	504778.5	5409714.0
L4780.0	504778.5	5409714.0	5468.10010	256.35	28.53	48.840381	-86.934876	56165.82	56268.6	-18.63	56147.20	56128.52344	56107.40165	56083.45313	504778.5	5409714.0

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4780.0	504778.5	5409712.2	5468.20020	263.79	29.76	48.840365	-86.934876	56165.90	56268.6	-18.64	56147.26	56128.84766	56107.47509	56083.95313	504778.5	5409712.2
L4780.0	504778.5	5409710.8	5468.29981	264.09	19.29	48.840352	-86.934876	56166.47	56268.6	-18.65	56147.83	56129.68359	56107.50720	56084.41016	504778.5	5409710.8
L4780.0	504778.5	5409709.7	5468.39990	262.17	19.29	48.840342	-86.934876	56166.33	56268.7	-18.66	56147.68	56129.80469	56107.57997	56084.90625	504778.5	5409709.7
L4780.0	504778.5	5409708.2	5468.50000	261.62	29.33	48.840329	-86.934876	56165.24	56268.7	-18.67	56146.57	56128.96484	56107.70939	56085.46094	504778.5	5409708.2
L4780.0	504778.5	5409707.0	5468.60010	261.25	29.06	48.840318	-86.934876	56165.86	56268.7	-18.67	56147.18	56129.84766	56107.71677	56085.88672	504778.5	5409707.0
L4780.0	504778.5	5409705.6	5468.70020	255.50	30.55	48.840305	-86.934876	56165.56	56268.7	-18.68	56146.88	56129.82422	56107.77745	56086.36719	504778.5	5409705.6
L4780.0	504778.5	5409705.6	5468.79981	256.19	30.55	48.840305	-86.934876	56166.41	56268.7	-18.69	56147.71	56130.92969	56107.75544	56086.76563	504778.5	5409705.6
L4780.0	504778.5	5409703.8	5468.89990	255.72	28.48	48.840289	-86.934876	56166.66	56268.7	-18.70	56147.96	56131.45703	56107.76474	56087.19141	504778.5	5409703.8
L4780.0	504778.6	5409701.9	5469.00000	254.84	28.48	48.840272	-86.934876	56166.91	56268.7	-18.71	56148.20	56131.98047	56107.76736	56087.60547	504778.6	5409701.9
L4780.0	504778.6	5409700.5	5469.10010	256.20	26.11	48.840259	-86.934876	56167.03	56268.7	-18.72	56148.32	56132.38281	56107.77067	56088.02344	504778.6	5409700.5
L4780.0	504778.6	5409699.7	5469.20020	255.10	26.11	48.840252	-86.934876	56166.03	56268.7	-18.72	56147.31	56131.65625	56107.84201	56088.50391	504778.6	5409699.7
L4780.0	504778.6	5409698.2	5469.29981	255.20	28.34	48.840239	-86.934876	56166.58	56268.7	-18.73	56147.85	56132.48047	56107.80277	56088.87500	504778.6	5409698.2
L4780.0	504778.6	5409696.7	5469.39990	255.52	28.83	48.840225	-86.934876	56165.62	56268.7	-18.73	56146.89	56131.80859	56107.85630	56089.33203	504778.6	5409696.7
L4780.0	504778.6	5409696.7	5469.50000	254.37	28.83	48.840225	-86.934876	56165.59	56268.7	-18.74	56146.85	56132.05859	56107.84133	56089.72266	504778.6	5409696.7
L4780.0	504778.6	5409695.5	5469.60010	254.45	27.92	48.840215	-86.934876	56165.97	56268.7	-18.75	56147.23	56132.72656	56107.79124	56090.07422	504778.6	5409695.5
L4780.0	504778.6	5409694.1	5469.70020	254.86	27.92	48.840202	-86.934876	56166.31	56268.8	-18.75	56147.56	56133.35156	56107.73743	56090.41797	504778.6	5409694.1
L4780.0	504778.6	5409692.5	5469.79981	253.08	27.95	48.840187	-86.934876	56166.33	56268.8	-18.76	56147.57	56133.65234	56107.69796	56090.77734	504778.6	5409692.5
L4780.0	504778.6	5409692.5	5469.89990	252.20	27.95	48.840187	-86.934876	56166.09	56268.8	-18.76	56147.33	56133.70703	56107.66826	56091.14063	504778.6	5409692.5
L4780.0	504778.6	5409690.7	5470.00000	253.44	26.93	48.840172	-86.934876	56165.88	56268.8	-18.77	56147.11	56133.78516	56107.63041	56091.49609	504778.6	5409690.7
L4780.0	504778.6	5409689.4	5470.10010	254.86	26.75	48.840160	-86.934876	56165.46	56268.8	-18.78	56146.68	56133.65234	56107.59984	56091.85156	504778.6	5409689.4
L4780.0	504778.6	5409688.2	5470.20020	255.40	26.75	48.840149	-86.934876	56165.46	56268.8	-18.79	56146.67	56133.94141	56107.53466	56092.17578	504778.6	5409688.2
L4780.0	504778.6	5409686.9	5470.29981	254.71	27.39	48.840137	-86.934876	56165.22	56268.8	-18.80	56146.42	56133.99219	56107.47899	56092.50391	504778.6	5409686.9
L4780.0	504778.6	5409685.3	5470.39990	253.15	26.82	48.840123	-86.934876	56165.01	56268.8	-18.81	56146.20	56134.07031	56107.41497	56092.82031	504778.6	5409685.3
L4780.0	504778.6	5409685.3	5470.50000	254.86	26.82	48.840123	-86.934876	56164.81	56268.8	-18.82	56145.99	56134.16406	56107.34407	56093.12891	504778.6	5409685.3
L4780.0	504778.6	5409684.0	5470.60010	254.51	28.1	48.840111	-86.934876	56165.13	56268.8	-18.83	56146.29	56134.76953	56107.23312	56093.39063	504778.6	5409684.0
L4780.0	504778.6	5409683.0	5470.70020	253.75	27.69	48.840102	-86.934876	56162.61	56268.8	-18.84	56143.77	56132.55078	56107.30428	56093.83594	504778.6	5409683.0
L4780.0	504778.6	5409681.6	5470.79981	255.47	27.69	48.840089	-86.934876	56163.17	56268.8	-18.85	56144.32	56133.40625	56107.16506	56094.06641	504778.6	5409681.6
L4780.0	504778.6	5409680.5	5470.89990	255.59	26.38	48.840080	-86.934876	56163.74	56268.9	-18.86	56144.88	56134.27344	56107.01968	56094.28906	504778.6	5409680.5
L4780.0	504778.6	5409678.6	5471.00000	255.07	24.67	48.840063	-86.934876	56163.50	56268.9	-18.87	56144.63	56134.32813	56106.92301	56094.55469	504778.6	5409678.6
L4780.0	504778.6	5409677.3	5471.10010	255.57	24.67	48.840051	-86.934876	56162.99	56268.9	-18.88	56144.11	56134.11719	56106.83927	56094.83203	504778.6	5409677.3
L4780.0	504778.6	5409677.3	5471.20020	255.17	24.4	48.840051	-86.934876	56162.54	56268.9	-18.89	56143.65	56133.96484	56106.74670	56095.09766	504778.6	5409677.3
L4780.0	504778.5	5409675.8	5471.29981	254.99	26.8	48.840038	-86.934876	56162.23	56268.9	-18.90	56143.33	56133.95313	56106.64023	56095.34375	504778.5	5409675.8
L4780.0	504778.5	5409674.5	5471.39990	253.09	26.8	48.840026	-86.934876	56161.68	56268.9	-18.91	56142.77	56133.70313	56106.54547	56095.60156	504778.5	5409674.5
L4780.0	504778.5	5409672.9	5471.50000	253.27	28.42	48.840012	-86.934877	56161.15	56268.9	-18.92	56142.23	56133.47266	56106.44536	56095.85156	504778.5	5409672.9
L4780.0	504778.5	5409672.9	5471.60010	254.23	26	48.840012	-86.934877	56160.25	56268.9	-18.92	56141.32	56132.87109	56106.36622	56096.11719	504778.5	5409672.9
L4780.0	504778.5	5409671.2	5471.70020	251.69	26.64	48.839996	-86.934877	56159.38	56268.9	-18.93	56140.45	56132.31250	56106.28104	56096.37500	504778.5	5409671.2
L4780.0	504778.5	5409669.7	5471.79981	253.52	27.05	48.839983	-86.934877	56158.20	56268.9	-18.94	56139.26	56131.43359	56106.21413	56096.64844	504778.5	5409669.7
L4780.0	504778.5	5409668.3	5471.89990	253.92	27.05	48.839970	-86.934877	56157.73	56269	-18.95	56138.78	56131.26563	56106.09720	56096.86719	504778.5	5409668.3
L4780.0	504778.5	5409666.8	5472.00000	253.77	28.69	48.839957	-86.934877	56157.20	56269	-18.96	56138.24	56131.03516	56105.98193	56097.08594	504778.5	5409666.8
L4780.0	504778.5	5409666.0	5472.10010	252.73	27.58	48.839949	-86.934877	56156.38	56269	-18.97	56137.41	56130.51563	56105.88405	56097.31641	504778.5	5409666.0
L4780.0	504778.5	5409666.0	5472.20020	253.03	26.38	48.839949	-86.934877	56155.84	56269	-18.98	56136.86	56130.27734	56105.76593	56097.52344	504778.5	5409666.0
L4780.0	504778.5	5409664.0	5472.29981	254.88	26.38	48.839931	-86.934877	56155.48	56269	-18.99	56136.49	56130.21875	56105.63466	56097.71875	504778.5	5409664.0
L4780.0	504778.5	5409662.7	5472.39990	254.66	24.51	48.839919	-86.934877	56154.14	56269	-19.00	56135.14	56129.17969	56105.56799	56097.97266	504778.5	5409662.7
L4780.0	504778.5	5409661.8	5472.50000	253.12	24.51	48.839912	-86.934877	56152.54	56269	-19.01	56133.52	56127.86719	56105.51900	56098.23828	504778.5	5409661.8
L4780.0	504778.5	5409660.4	5472.60010	253.43	27.01	48.839899	-86.934877	56151.28	56269	-19.03	56132.25	56126.91016	56105.44682	56098.48047	504778.5	5409660.4
L4780.0	504778.5	5409659.0	5472.70020	251.36	29.84	48.839886	-86.934877	56152.37	56269	-19.04	56133.33	56128.29688	56105.21854	56098.56641	504778.5	5409659.0
L4780.0	504778.5	5409659.0	5472.79981	252.10	26.09	48.839886	-86.934877	56150.82	56269	-19.05	56131.77	56127.04688	56105.16731	56098.82031	504778.5	5409659.0
L4780.0	504778.5	5409657.3	5472.89990	255.31	26.74	48.839871	-86.934877	56150.07	56269.1	-19.06	56131.01	56126.59766	56105.06423	56099.02344	504778.5	5409657.3
L4780.0	504778.5	5409655.6	5473.00000	254.30	26.74	48.839856	-86.934877	56149.55	56269.1	-19.07	56130.48	56126.37500	56104.94779	56099.21094	504778.5	5409655.6
L4780.0	504778.5	5409654.7	5473.10010	255.72	28.56	48.839848	-86.934877	56148.80	56269.1	-19.08	56129.72	56125.92188	56104.84912	56099.41016	504778.5	5409654.7
L4780.0	504778.5	5409653.7	5473.20020	255.63	26.21	48.839839	-86.934877	56147.26	56269.1	-19.09	56128.17	56124.67969	56104.80602	56099.66406	504778.5	5409653.7
L4780.0	504778.6	5409652.4	5473.29981	256.58	26.97	48.839827	-86.934877	56144.98	56269.1	-19.10	56125.88	56122.69531	56104.81563	56099.96484	504778.6	5409652.4
L4780.0	504778.6	5409651.0	5473.39990	256.41	26.97	48.839814	-86.934876	56143.92	56269.1	-19.11	56124.81	56121.92969	56104.85802	56100.29688	504778.6	5409651.0
L4780.0	504778.6	5409649.7	5473.50000	256.31	26.67	48.839803	-86.934876	56142.45	56269.1	-19.12	56123.33	56120.75391	56104.99350	56100.71875	504778.6	5409649.7
L4780.0	504778.6	5409648.4	5473.60010	256.30	24.97	48.839791	-86.934876	56141.66	56269.1	-19.13	56122.53	56120.25781	56105.07851	56101.08984	504778.6	5409648.4
L4780.0	504778.6	5409648.4	5473.70020	260.99	24.97	48.839791	-86.934876	56141.49	56269.1	-19.14	56122.35	56120.37891	56105.13465	56101.42578	504778.6	5409648.4
L4780.0	504778.6	5409646.5	5473.79981	261.75	27.14	48.839774	-86.934876	56140.98	56269.2	-19.15	56121.83	56120.16016	56105.19883	56101.76563	504778.6	5409646.5
L4780.0	504778.6	5409644.3	5473.89990	262.19	27.14	48.839754	-86.934875	56139.30	56269.2	-19.16	56120.14	56118.76953	56105.26870	56102.11328	504778.6	5409644.3
L4780.0	504778.6	5409644.3	5474.00000	260.51	29.06	48.839754	-86.934875	56139.29	56269.2	-19.17	56120.12	56119.04688	56105.30828	56102.42578	504778.6	5409644.3
L4780.0	504778.7	5409642.9	5474.10010	260.80	29.06	48.839742	-86.934875	56137.54	56269.2	-19.18	56118.36	56117.58594	56105.33529	56102.71875	504778.7	5409642.9
L4780.0	504778.7	5409641.5	5474.20020	260.93	32.53	48.839729	-86.934875	56137.57	56269.2	-19.19	56118.38	56117.90234	56105.36422	56103.01563	504778.7	5409641.5
L4780.0	504778.7	5409640.0	5474.29981	261.92	32.53	48.839716	-86.934875	56136.56	56269.2	-19.20	56117.36	56117.17578	56105.36991	56103.28516	504778.7	5409640.0
L4780.0	504778.7	5409640.0	5474.39990	262.52	31.91	48.839716	-86.934875	56136.73	56269.2	-19.21	56117.53	56117.63672	56105.40165	56103.57813	504778.7	5409640.0
L4780.0	504778.7	5409638.1	5474.50000	262.29	32.92	48.839698	-86.934874	56134.91	56269.2	-19.21	56115.70	56116.09766	56105.35788	56103.79297	504778.7	5409638.1
L4780.0	504778.8	5409636.6	5474.60010	262.94	32.92	48.839684	-86.934874	56134.00	56269.2	-19.22	56114.78	56115.46484	56105.33465	56104.02344	504778.8	5409636.6
L4780.0	504778.8	5409635.5	5474.70020	262.90	31.12	48.839675	-86.934874	56134.54	56269.2	-19.23	56115.30	56116.27344	56105.38025	56104.32422	504778.8	5409635.5
L4780.0	504778.8	5409634.0	5474.79981	263.71	31.12	48.839661	-86.934873	56133.39	56269.2	-19.24	56114.15	56115.41016	56105.33651	56104.53125	504778.8	5409634.0
L4780.0	504778.8	5409634.0	5474.89990	261.07	29.89	48.839661	-86.934873	56132.34	56269.3	-19.25	56113.08	56114.62109	56105.28852	56104.73047	504778.8	5409634.0
L4780.0	504778.8	5409632.3	5475.00000	263.46	29.89	48.839646	-86.934873	56133.72	56269.3	-19.26	56114.46	56116.28516	56105.40213	56105.08984	504778.8	5409632.3
L4780.0	504778.8	5409630.9	5475.10010	263.16	29.2	48.839633	-86.934873	56132.52	56269.3	-19.27	56113.25	56115.35156	56105.33949	56105.26953	504778.8	5409630.9
L4780.0	504778.9	5409629.4	5475.20020	263.27	29.2	48.839620	-86.934872	56132.34	56269.3	-19.28	56113.05	56115.42969	56105.34719	56105.51563	504778.9	5409629.4
L4780.0	504778.9	5409628.1	5475.29981	262.54	26.9	48.839608	-86.934872	56132.76	56269.3	-19.29	56113.46	56116.11328	56105.40375	56105.80859	504778.9	5409628.1
L4780.0	504778.9	5409628.1	5475.39990	262.26	29.39	48.839608	-86.934872	56131.73	56269.3	-19.30	56112.42	56115.34766	56105.34965	56105.99219	504778.9	5409628.1
L4780.0	504778.9	5409626.9	5475.50000	262.79	28.8	48.839597	-86.934872	56132.36	56269.3	-19.32	56113.04	56116.23828	56105.43063	56106.30469	504778.9	5409626.9
L4780.0	504778.9	5409625.2	5475.60010	262.30	28.8	48.839582	-86.934872	56133.75	56269.3	-19.33	56114.42	56117.88672	56105.57858	56106.68359	504778.9	5409625.2
L4780.0	504778.9	5409623.6	5475.70020	263.54	29.58	48.839568	-86.934872	56132.36	56269.3	-19.34	56113.02	56116.75000	56105.50785	56106.83984	504778.9	5409623.6
L4780.0	504778.9	5409622.4	5475.79981	263.35	29.58	48.839557	-86.934872	56134.11	56269.3	-19.35	56114.76	56118.75391	56105.69690	56107.25391	504778.9	5409622.4
L4780.0	504778.9	5409622.4	5475.89990	264.51	28.18	48.839557	-86.934872	56133.49	56269.4	-19.36	56114.13	56118.38672	56105.70220	56107.48438	504778.9	5409622.4
L4780.0	504778.9	5409620.7	5476.00000	265.57	27.41	48.839542	-86.934872	56134.54	56269.4	-19.37	56115.17	56119.68359	56105.84927	56107.85156	504778.9	5409620.7
L4780.0	504778.9	5409619.0	5476.10010	264.00	27.41	48.839527	-86.934872	56134.03	56269.4	-19.38	56114.65	56119.41797	56105.88004	56108.10156	504778.9	5409619.0
L4780.0	504778.9	5409619.0	5476.20020	263.10	27.25	48.839527	-86.934872	56135.42	56269.4	-19.39	56116.04	56121.06250	56106.07142	56108.51172	504778.9	5409619.0
L4780.0	504778.9	5409617.4	5476.29981	264.87	27.25	48.839512	-86.934872	56136.48	56269.4	-19.39	56117.08	56122.35156	56106.24355	56108.89844	504778.9	5409617.4
L4780.0	504778.9	5409616.0	5476.39990	262.58	31.74	48.839499	-86.934872	56136.88	56269.4	-19.40	56117.48	56123.00000	56106.37404	56109.24219	504778.9	5409616.0
L4780.0	504778.9	5409614.4	5476.50000	251.49	31.74	48.839485	-86.934872	56136.07	56269.4	-19.41	56116.66	56122.42578	56106.41755	56109.49609	504778.9	5409614.4
L4780.0	504778.9	5409612.9	5476.60010	258.05	25.66	48.839471	-86.934872	56138.13	56269.4	-19.42	56118.71	56124.71875	56106.69558	56109.98438	504778.9	5409612.9
L4780.0	504778.9	5409612.9	5476.70020	257.79	25.48	48.839471	-86.934872	56138.96	56269.4	-19.43	56119.53	56125.77734	56106.88601	56110.37891	504778.9	5409612.9
L4780.0	504778.9	5409611.2	5476.79981	255.67	25.48	48.839456	-86.934872	56140.28	56269.4	-19.43	56120.84	56127.32422	56107.12454	56110.82422	504778.9	5409611.2
L4780.0	504778.9	5409609.2	5476.89990	264.50	28.49	48.839439	-86.934872	56141.60	56269.4	-19.44	56122.16	56128.87500	56107.37421	56111.27734	504778.9	5409609.2
L4780.0	504778.9	5409609.2	5477.00000	263.67	28.49	48.839439	-86.934872	56142.73	56269.4	-19.45	56123.28	56130.22656	56107.61862	56111.72266	504778.9	5409609.2
L4780.0	504778.9	5409607.3	5477.10010	262.59	31.04	48.839422	-86.934873	56143.41	56269.5	-19.46	56123.95	56131.12500	56107.83771	56112.14063	504778.9	5409607.3
L4780.0	504778.9	5409605.6	5477.20020	263.68	27.57	48.839406	-86.934873	56144.29	56269.5	-19.47	56124.82	56132.21875	56108.08398	56112.58203	504778.9	5409605.6
L4780.0	504778.8	5409604.3	5477.29981	265.66	27.57	48.839395	-86.934873	56145.62	56269.5	-19.48	56126.13	56133.75000	56108.37632	56113.07031	504778.8	5409604.3
L4780.0	504778.8	5409604.3	5477.39990	263.82	29.07	48.839395	-86.934873	56145.74	56269.5	-19.49	56126.24	56134.07813	56108.57702	56113.46484	504778.8	5409604.3

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4780.0	504778.8	5409602.8	5477.50000	253.85	24.48	48.839380	-86.934874	56146.45	56269.5	-19.50	56126.94	56134.99609	56108.83359	56113.91406	504778.8	5409602.8
L4780.0	504778.8	5409601.4	5477.60010	254.10	21.95	48.839368	-86.934874	56147.48	56269.5	-19.52	56127.96	56136.22656	56109.12248	56114.39453	504778.8	5409601.4
L4780.0	504778.8	5409600.0	5477.70020	263.37	21.95	48.839355	-86.934874	56148.47	56269.5	-19.53	56128.94	56137.41406	56109.40978	56114.87109	504778.8	5409600.0
L4780.0	504778.8	5409600.0	5477.79981	263.22	30.14	48.839355	-86.934874	56149.23	56269.5	-19.54	56129.70	56138.38281	56109.67584	56115.32422	504778.8	5409600.0
L4780.0	504778.7	5409597.9	5477.89990	264.53	29.22	48.839337	-86.934875	56150.40	56269.5	-19.55	56130.85	56139.73438	56109.97027	56115.80078	504778.7	5409597.9
L4780.0	504778.7	5409596.4	5478.00000	257.94	29.22	48.839323	-86.934875	56151.64	56269.6	-19.56	56132.08	56141.16406	56110.25997	56116.27734	504778.7	5409596.4
L4780.0	504778.7	5409596.4	5478.10010	259.90	28.31	48.839323	-86.934875	56152.59	56269.6	-19.57	56133.02	56142.30078	56110.50397	56116.70313	504778.7	5409596.4
L4780.0	504778.6	5409594.6	5478.20020	260.43	31.51	48.839307	-86.934876	56153.73	56269.6	-19.58	56134.15	56143.62500	56110.74047	56117.11719	504778.6	5409594.6
L4780.0	504778.6	5409593.3	5478.29981	266.72	31.51	48.839295	-86.934877	56154.57	56269.6	-19.59	56134.98	56144.64453	56110.92395	56117.48047	504778.6	5409593.3
L4780.0	504778.6	5409591.9	5478.39990	264.24	31.27	48.839283	-86.934877	56155.33	56269.6	-19.60	56135.73	56145.58203	56111.07538	56117.80859	504778.6	5409591.9
L4780.0	504778.5	5409590.1	5478.50000	264.38	30.87	48.839267	-86.934878	56155.65	56269.6	-19.61	56136.04	56146.07813	56111.17040	56118.08203	504778.5	5409590.1
L4780.0	504778.5	5409589.1	5478.60010	262.87	30.87	48.839258	-86.934878	56156.55	56269.6	-19.62	56136.93	56147.14844	56111.28468	56118.37109	504778.5	5409589.1
L4780.0	504778.5	5409587.9	5478.70020	264.39	34.03	48.839247	-86.934878	56157.97	56269.6	-19.63	56138.34	56148.73438	56111.40554	56118.66406	504778.5	5409587.9
L4780.0	504778.5	5409587.9	5478.79981	264.64	15.15	48.839247	-86.934878	56159.20	56269.6	-19.64	56139.56	56150.12891	56111.48878	56118.91797	504778.5	5409587.9
L4780.0	504778.4	5409585.2	5478.89990	263.92	15.15	48.839222	-86.934879	56159.83	56269.7	-19.65	56140.18	56150.92188	56111.52483	56119.12500	504778.4	5409585.2
L4780.0	504778.4	5409585.2	5479.00000	263.65	17.36	48.839222	-86.934879	56160.94	56269.7	-19.66	56141.28	56152.18750	56111.57166	56119.33984	504778.4	5409585.2
L4780.0	504778.4	5409583.7	5479.10010	261.53	17.36	48.839209	-86.934880	56162.23	56269.7	-19.66	56142.56	56153.63281	56111.61429	56119.55078	504778.4	5409583.7
L4780.0	504778.3	5409582.0	5479.20020	253.54	22.5	48.839194	-86.934880	56161.82	56269.7	-19.67	56142.16	56153.39844	56111.60854	56119.71094	504778.3	5409582.0
L4780.0	504778.3	5409580.7	5479.29981	251.98	22.5	48.839182	-86.934881	56163.55	56269.7	-19.67	56143.88	56155.27734	56111.66773	56119.93359	504778.3	5409580.7
L4780.0	504778.3	5409579.2	5479.29981	251.98	35.59	48.839168	-86.934881	56165.04	56269.7	-19.67	56145.37	56156.92188	56111.72792	56120.15625	504778.3	5409579.2
L4780.0	504778.3	5409579.2	5479.39990	262.56	35.59	48.839168	-86.934881	56166.31	56269.7	-19.68	56146.63	56158.33594	56111.80005	56120.39063	504778.3	5409579.2
L4780.0	504778.2	5409576.8	5479.60010	263.17	26.17	48.839147	-86.934882	56167.04	56269.7	-19.68	56147.36	56159.21484	56111.89050	56120.64063	504778.2	5409576.8
L4780.0	504778.2	5409576.8	5479.60010	262.69	29.97	48.839147	-86.934882	56167.62	56269.7	-19.68	56147.93	56159.92969	56112.01141	56120.92188	504778.2	5409576.8
L4780.0	504778.2	5409575.4	5479.79981	263.54	32.82	48.839134	-86.934882	56168.78	56269.7	-19.69	56149.09	56161.23438	56112.16818	56121.23828	504778.2	5409575.4
L4780.0	504778.2	5409573.9	5479.89990	263.54	32.82	48.839121	-86.934882	56169.86	56269.7	-19.70	56150.17	56162.45703	56112.36110	56121.58594	504778.2	5409573.9
L4780.0	504778.2	5409572.3	5480.00000	251.12	32.71	48.839107	-86.934883	56170.59	56269.7	-19.70	56150.89	56163.31641	56112.58570	56121.96484	504778.2	5409572.3
L4780.0	504778.2	5409571.1	5480.10010	251.50	32.52	48.839096	-86.934883	56172.06	56269.7	-19.70	56152.36	56164.92188	56112.83971	56122.37500	504778.2	5409571.1
L4780.0	504778.1	5409570.0	5480.20020	251.83	32.52	48.839086	-86.934883	56171.82	56269.7	-19.71	56152.11	56164.80078	56113.10879	56122.79688	504778.1	5409570.0
L4780.0	504778.1	5409570.0	5480.29981	254.64	33.43	48.839086	-86.934883	56173.37	56269.7	-19.71	56153.65	56166.47266	56113.39705	56123.23438	504778.1	5409570.0
L4780.0	504778.1	5409568.3	5480.39990	255.06	33.43	48.839071	-86.934883	56174.68	56269.7	-19.72	56154.96	56167.91016	56113.69044	56123.67969	504778.1	5409568.3
L4780.0	504778.1	5409566.3	5480.50000	255.26	36	48.839052	-86.934884	56175.81	56269.7	-19.72	56156.08	56169.15234	56113.98074	56124.11719	504778.1	5409566.3
L4780.0	504778.1	5409565.2	5480.60010	265.05	36	48.839042	-86.934884	56175.57	56269.7	-19.73	56155.84	56169.03516	56114.24193	56124.52734	504778.1	5409565.2
L4780.0	504778.1	5409563.7	5480.70020	262.15	35.95	48.839029	-86.934884	56176.77	56269.7	-19.74	56157.04	56170.35547	56114.50568	56124.93750	504778.1	5409563.7
L4780.0	504778.1	5409563.7	5480.79981	262.26	35.65	48.839029	-86.934884	56178.12	56269.7	-19.74	56158.38	56171.81250	56114.75300	56125.32813	504778.1	5409563.7
L4780.0	504778.0	5409562.2	5480.89990	262.84	35.65	48.839016	-86.934885	56179.33	56269.7	-19.75	56159.58	56173.12500	56114.97638	56125.69531	504778.0	5409562.2
L4780.0	504778.0	5409561.0	5481.00000	262.74	35.32	48.839005	-86.934885	56180.09	56269.8	-19.75	56160.34	56173.99609	56115.16413	56126.02344	504778.0	5409561.0
L4780.0	504778.0	5409559.5	5481.10010	265.23	35.32	48.838991	-86.934885	56181.09	56269.7	-19.75	56161.35	56175.11719	56115.32317	56126.32422	504778.0	5409559.5
L4780.0	504778.0	5409558.0	5481.20020	263.76	33.8	48.838978	-86.934885	56181.69	56269.7	-19.74	56161.95	56175.82422	56115.43435	56126.57422	504778.0	5409558.0
L4780.0	504778.0	5409558.0	5481.29981	263.62	34.93	48.838978	-86.934885	56181.93	56269.7	-19.74	56162.20	56176.17578	56115.49681	56126.77734	504778.0	5409558.0
L4780.0	504778.0	5409556.6	5481.39990	266.23	32.59	48.838966	-86.934885	56182.77	56269.7	-19.73	56163.04	56177.11719	56115.52317	56126.93750	504778.0	5409556.6
L4780.0	504778.0	5409554.9	5481.50000	264.08	32.59	48.838950	-86.934886	56183.36	56269.7	-19.72	56163.63	56177.80859	56115.48888	56127.03906	504778.0	5409554.9
L4780.0	504778.0	5409552.9	5481.60010	255.96	31.43	48.838932	-86.934886	56184.17	56269.7	-19.72	56164.45	56178.72656	56115.39533	56127.08203	504778.0	5409552.9
L4780.0	504777.9	5409551.4	5481.70020	256.33	31.43	48.838918	-86.934886	56185.48	56269.7	-19.71	56165.76	56180.13281	56115.23951	56127.05859	504777.9	5409551.4
L4780.0	504777.9	5409551.4	5481.79981	256.95	33.02	48.838918	-86.934886	56186.08	56269.7	-19.71	56166.37	56180.83594	56115.01621	56126.96875	504777.9	5409551.4
L4780.0	504777.9	5409550.1	5481.89990	264.56	33.02	48.838907	-86.934886	56186.50	56269.7	-19.70	56166.80	56181.35938	56114.73842	56126.82031	504777.9	5409550.1
L4780.0	504777.9	5409548.6	5482.00000	257.00	32.92	48.838893	-86.934886	56186.26	56269.7	-19.70	56166.56	56181.21094	56114.42212	56126.63281	504777.9	5409548.6
L4780.0	504777.9	5409548.6	5482.10010	255.54	31.99	48.838893	-86.934886	56187.38	56269.7	-19.71	56167.67	56182.40625	56114.04784	56126.38672	504777.9	5409548.6
L4780.0	504777.9	5409546.8	5482.20020	255.18	31.93	48.838877	-86.934886	56188.00	56269.7	-19.72	56168.29	56183.11328	56113.64631	56126.10938	504777.9	5409546.8
L4780.0	504777.9	5409545.1	5482.29981	263.59	31.93	48.838862	-86.934886	56189.38	56269.7	-19.73	56169.65	56184.55859	56113.19738	56125.78516	504777.9	5409545.1
L4780.0	504777.9	5409543.7	5482.39990	263.27	32.37	48.838849	-86.934886	56190.48	56269.7	-19.74	56170.74	56185.73438	56112.73832	56125.44922	504777.9	5409543.7
L4780.0	504777.9	5409543.7	5482.50000	264.76	33.5	48.838849	-86.934886	56190.64	56269.7	-19.74	56170.89	56185.96484	56112.32011	56125.15625	504777.9	5409543.7
L4780.0	504777.9	5409542.3	5482.60010	264.70	33.5	48.838837	-86.934886	56191.70	56269.8	-19.75	56171.95	56187.10547	56111.86457	56124.82031	504777.9	5409542.3
L4780.0	504777.9	5409541.1	5482.70020	264.34	34.31	48.838826	-86.934886	56190.49	56269.8	-19.76	56170.73	56185.96484	56111.56466	56124.64063	504777.9	5409541.1
L4780.0	504777.9	5409539.5	5482.79981	255.63	34.31	48.838811	-86.934886	56191.42	56269.8	-19.77	56171.65	56186.96094	56111.18978	56124.38281	504777.9	5409539.5
L4780.0	504777.9	5409538.0	5482.89990	256.65	31.3	48.838798	-86.934886	56192.98	56269.8	-19.78	56173.20	56188.58594	56111.00195	56124.31250	504777.9	5409538.0
L4780.0	504778.0	5409536.6	5483.00000	256.72	32.1	48.838785	-86.934886	56193.75	56269.8	-19.79	56173.96	56189.42188	56110.85068	56124.27344	504778.0	5409536.6
L4780.0	504778.0	5409536.6	5483.10010	255.28	32.1	48.838785	-86.934886	56194.10	56269.8	-19.79	56174.31	56189.84766	56110.71027	56124.24609	504778.0	5409536.6
L4780.0	504778.0	5409534.9	5483.20020	255.58	33.3	48.838770	-86.934886	56194.18	56269.8	-19.79	56174.39	56190.00000	56110.57099	56124.21875	504778.0	5409534.9
L4780.0	504778.0	5409533.7	5483.29981	256.47	29.32	48.838759	-86.934886	56194.79	56269.8	-19.80	56174.99	56190.67188	56110.37978	56124.14063	504778.0	5409533.7
L4780.0	504778.0	5409532.0	5483.39990	265.70	26.68	48.838744	-86.934886	56195.42	56269.8	-19.80	56175.62	56191.37109	56110.16892	56124.03906	504778.0	5409532.0
L4780.0	504778.0	5409530.6	5483.50000	259.50	26.68	48.838731	-86.934885	56196.10	56269.8	-19.80	56176.30	56192.12109	56109.93668	56123.91406	504778.0	5409530.6
L4780.0	504778.0	5409530.6	5483.60010	256.58	31.34	48.838731	-86.934885	56196.64	56269.8	-19.80	56176.84	56192.73047	56109.69535	56123.77734	504778.0	5409530.6
L4780.0	504778.0	5409528.9	5483.70020	256.62	31.34	48.838716	-86.934885	56197.37	56269.8	-19.80	56177.56	56193.51563	56109.42318	56123.60938	504778.0	5409528.9
L4780.0	504778.0	5409528.9	5483.79981	255.15	31.2	48.838716	-86.934885	56197.04	56269.8	-19.81	56177.23	56193.25391	56109.20178	56123.48828	504778.0	5409528.9
L4780.0	504778.0	5409525.8	5483.89990	265.19	31.2	48.838688	-86.934885	56196.63	56269.8	-19.81	56176.82	56192.91016	56108.96607	56123.35547	504778.0	5409525.8
L4780.0	504778.0	5409524.1	5484.00000	256.68	28.42	48.838673	-86.934885	56196.93	56269.8	-19.81	56177.12	56193.27734	56108.66299	56123.15234	504778.0	5409524.1
L4780.0	504778.0	5409524.1	5484.10010	255.25	28.42	48.838673	-86.934885	56196.25	56269.8	-19.81	56176.43	56192.64844	56108.58761	56123.17578	504778.0	5409524.1
L4780.0	504778.0	5409522.4	5484.20020	256.09	27.77	48.838658	-86.934885	56197.32	56269.8	-19.82	56177.50	56193.78516	56108.46204	56123.14453	504778.0	5409522.4
L4780.0	504778.0	5409521.2	5484.29981	265.70	30.98	48.838647	-86.934885	56198.06	56269.8	-19.82	56178.23	56194.57813	56108.39067	56123.16797	504778.0	5409521.2
L4780.0	504778.0	5409521.2	5484.39990	255.69	30.98	48.838647	-86.934885	56198.28	56269.8	-19.83	56178.45	56194.85938	56108.37049	56123.23828	504778.0	5409521.2
L4780.0	504778.0	5409519.5	5484.50000	254.79	28.53	48.838631	-86.934885	56198.37	56269.8	-19.83	56178.54	56195.01172	56108.36934	56123.33203	504778.0	5409519.5
L4780.0	504778.0	5409518.1	5484.60010	264.95	28.53	48.838619	-86.934885	56198.34	56269.8	-19.83	56178.50	56195.03516	56108.38119	56123.42969	504778.0	5409518.1
L4780.0	504778.0	5409516.4	5484.70020	263.79	25.05	48.838604	-86.934885	56198.83	56269.8	-19.84	56178.99	56195.58594	56108.37188	56123.50781	504778.0	5409516.4
L4780.0	504778.0	5409516.4	5484.79981	262.97	26.34	48.838604	-86.934885	56197.98	56269.8	-19.84	56178.14	56194.79688	56108.39323	56123.61719	504778.0	5409516.4
L4780.0	504778.0	5409515.2	5484.89990	261.23	26.34	48.838593	-86.934885	56198.20	56269.8	-19.85	56178.36	56195.07813	56108.36787	56123.67578	504778.0	5409515.2
L4780.0	504778.0	5409513.3	5485.00000	260.95	26.34	48.838576	-86.934885	56198.60	56269.8	-19.85	56178.75	56195.52734	56108.31703	56123.70703	504778.0	5409513.3
L4780.0	504778.0	5409513.3	5485.10010	260.48	29.88	48.838576	-86.934885	56198.88	56269.9	-19.86	56179.02	56195.85938	56108.23791	56123.70703	504778.0	5409513.3
L4780.0	504778.0	5409511.8	5485.20020	250.04	29.68	48.838562	-86.934885	56198.84	56269.9	-19.87	56178.97	56195.86719	56108.12182	56123.66797	504778.0	5409511.8
L4780.0	504778.1	5409510.2	5485.29981	250.61	29.68	48.838547	-86.934885	56198.75	56269.9	-19.88	56178.87	56195.82813	56107.95734	56123.58203	504778.1	5409510.2
L4780.0	504778.1	5409508.7	5485.39990	250.71	30.63	48.838534	-86.934885	56198.46	56269.9	-19.89	56178.57	56195.58594	56107.73727	56123.43750	504778.1	5409508.7
L4780.0	504778.1	5409507.1	5485.50000	251.76	30.63	48.838520	-86.934885	56198.50	56269.9	-19.90	56178.60	56195.67188	56107.46240	56123.23438	504778.1	5409507.1
L4780.0	504778.1	5409507.1	5485.60010	254.11	25.25	48.838520	-86.934885	56198.48	56269.9	-19.91	56178.57	56195.70313	56107.12533	56122.96875	504778.1	5409507.1
L4780.0	504778.1	5409505.5	5485.70020	256.08	25.87	48.838506	-86.934884	56198.47	56269.9	-19.92	56178.55	56195.73828	56106.72027	56122.63281	504778.1	5409505.5
L4780.0	504778.1	5409503.9	5485.79981	264.83	25.87	48.838491	-86.934884	56198.31	56269.9	-19.93	56178.38	56195.62500	56106.24067	56122.21875	504778.1	5409503.9
L4780.0	504778.1	5409503.9	5485.89990	264.84	27.91	48.838491	-86.934884	56198.16	56269.9	-19.94	56178.22	56195.52344	56105.68699	56121.73047	504778.1	5409503.9
L4780.0	504778.1	5409502.4	5486.00000	264.08	27.91	48.838478	-86.934884	56197.82	56269.9	-19.95	56177.87	56195.23047	56105.05089	56121.15625	504778.1	5409502.4
L4780.0	504778.1	5409501.1	5486.10010	263.70	29.93	48.838466	-86.934884	56198.42	56270	-19.95	56178.46	56195.87500	56104.35918	56120.52734	504778.1	5409501.1
L4780.0	504778.1	5409499.7	5486.20020	263.29	29.93	48.838454	-86.934884	56197.85	56270	-19.96	56177.89	56195.35938	56103.55222	56119.77734	504778.1	5409499.7
L4780.0	504778.1	5409498.0	5486.29981	261.20	29.82	48.838438	-86.934884	56196.22	56270	-19.96	56176.26	56193.78516	56102.63427	56118.91797	504778.1	5409498.0
L4780.0	504778.1	5409498.0	5486.39990	262.35	31.77	48.838438	-86.934884	56196.62	56270	-19.97	56176.65	56194.23047	56101.68570	56118.02344	504778.1	5409498.0
L4780.0	504778.1	5409496.0	5486.50000	260.99	31.77	48.838420	-86.934884	56196.96	56270	-19.97	56176.98	56194.61328	56100.64743	56117.03906	504778.1	5409496.0
L4780.0	504778.1	5409494.6	5486.60010	260.98	29.67	48.838408	-86.934884	56195.51	56270	-19.98	56175.53	56193.21875	56099.48606	56115.92969	504778.1	5409494.6
L4780.0	504778.1	5409493.1	5486.70020	262.32	29.67	48.838394	-86.934884	56195.75	56270	-19.99	56175.77	56193.51172	56098.26847	56114.75781	504778.1	5409493.1

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4780.0	504778.1	5409492.0	5486.79981	262.21	27.15	48.838384	-86.934884	56195.71	56270	-19.99	56175.72	56193.51563	56096.95273	56113.48828	504778.1	5409492.0
L4780.0	504778.1	5409492.0	5486.89990	264.59	29.12	48.838384	-86.934884	56194.23	56270	-20.00	56174.23	56192.07422	56095.53645	56112.11719	504778.1	5409492.0
L4780.0	504778.1	5409490.8	5487.00000	264.61	29.12	48.838373	-86.934884	56194.16	56270	-20.00	56174.16	56192.05859	56094.04649	56110.66797	504778.1	5409490.8
L4780.0	504778.1	5409489.2	5487.10010	263.74	28.54	48.838359	-86.934885	56193.63	56270	-20.01	56173.63	56191.57813	56092.47346	56109.13672	504778.1	5409489.2
L4780.0	504778.1	5409487.6	5487.20020	256.46	28.54	48.838345	-86.934885	56192.66	56270	-20.02	56172.64	56190.63672	56090.83100	56107.53125	504778.1	5409487.6
L4780.0	504778.1	5409486.2	5487.29981	254.86	29.8	48.838332	-86.934885	56193.41	56270	-20.02	56173.39	56191.43750	56089.09030	56105.82813	504778.1	5409486.2
L4780.0	504778.1	5409486.2	5487.39990	261.85	30.77	48.838332	-86.934885	56190.82	56270	-20.03	56170.79	56188.88672	56087.36370	56104.13281	504778.1	5409486.2
L4780.0	504778.1	5409484.7	5487.50000	261.42	30.77	48.838318	-86.934885	56190.61	56270	-20.04	56170.57	56188.71094	56085.53232	56102.33203	504778.1	5409484.7
L4780.0	504778.1	5409483.0	5487.60010	260.53	30.5	48.838303	-86.934885	56190.21	56270	-20.05	56170.17	56188.35938	56083.66358	56100.49219	504778.1	5409483.0
L4780.0	504778.1	5409481.6	5487.70020	259.28	30.5	48.838290	-86.934885	56190.10	56270.1	-20.06	56170.05	56188.28516	56081.73473	56098.58984	504778.1	5409481.6
L4780.0	504778.1	5409479.9	5487.79981	258.19	32.52	48.838275	-86.934885	56188.92	56270.1	-20.06	56168.85	56187.12891	56079.81737	56096.69922	504778.1	5409479.9
L4780.0	504778.1	5409478.6	5487.89990	253.33	36.09	48.838263	-86.934885	56188.13	56270.1	-20.07	56168.06	56186.38281	56077.84173	56094.74609	504778.1	5409478.6
L4780.0	504778.1	5409477.5	5488.00000	254.41	36.09	48.838254	-86.934885	56186.90	56270.1	-20.08	56166.82	56185.18359	56076.09806	56093.01953	504778.1	5409477.5
L4780.0	504778.1	5409477.5	5488.10010	256.61	35.95	48.838254	-86.934885	56185.78	56270.1	-20.09	56165.69	56184.09375	56074.62955	56091.57031	504778.1	5409477.5
L4780.0	504778.1	5409475.5	5488.20020	256.14	35.95	48.838235	-86.934885	56184.34	56270.1	-20.10	56164.24	56182.68359	56073.13834	56090.09375	504778.1	5409475.5
L4780.0	504778.1	5409473.9	5488.29981	258.10	37.9	48.838221	-86.934885	56183.46	56270.1	-20.10	56163.35	56181.83203	56071.56507	56088.53125	504778.1	5409473.9
L4780.0	504778.1	5409473.9	5488.39990	264.25	38.32	48.838221	-86.934885	56182.59	56270.1	-20.11	56162.48	56181.00000	56069.94505	56086.92188	504778.1	5409473.9
L4780.0	504778.1	5409472.2	5488.50000	264.56	38.32	48.838206	-86.934885	56182.21	56270.1	-20.12	56162.09	56180.64453	56068.24691	56085.23438	504778.1	5409472.2
L4780.0	504778.1	5409470.6	5488.60010	264.18	38.47	48.838192	-86.934885	56179.16	56270.1	-20.13	56159.03	56177.61719	56066.67999	56083.67188	504778.1	5409470.6
L4780.0	504778.1	5409469.1	5488.70020	265.47	38.47	48.838178	-86.934885	56177.51	56270.1	-20.14	56157.38	56175.99609	56064.97162	56081.96875	504778.1	5409469.1
L4780.0	504778.1	5409469.1	5488.79981	256.48	35.45	48.838178	-86.934885	56176.29	56270.1	-20.14	56156.14	56174.78906	56063.18784	56080.18359	504778.1	5409469.1
L4780.0	504778.1	5409467.4	5488.89990	256.64	35.45	48.838163	-86.934885	56175.49	56270.2	-20.15	56155.34	56174.01563	56061.32602	56078.32031	504778.1	5409467.4
L4780.0	504778.1	5409466.0	5489.00000	253.84	35.91	48.838150	-86.934885	56174.25	56270.2	-20.16	56154.09	56172.79297	56059.44489	56076.43750	504778.1	5409466.0
L4780.0	504778.1	5409466.0	5489.10010	254.44	35.91	48.838150	-86.934885	56172.46	56270.2	-20.17	56152.30	56171.02734	56057.54990	56074.53516	504778.1	5409466.0
L4780.0	504778.1	5409464.8	5489.20020	254.62	35.43	48.838139	-86.934885	56171.06	56270.2	-20.18	56150.88	56169.62891	56055.57984	56072.55859	504778.1	5409464.8
L4780.0	504778.1	5409463.4	5489.29981	254.37	39	48.838126	-86.934885	56168.16	56270.2	-20.19	56147.97	56166.73828	56053.65820	56070.62500	504778.1	5409463.4
L4780.0	504778.1	5409461.6	5489.39990	253.94	39	48.838110	-86.934885	56166.17	56270.2	-20.20	56145.97	56164.75781	56051.62454	56068.57813	504778.1	5409461.6
L4780.0	504778.1	5409460.2	5489.50000	253.64	39.64	48.838098	-86.934884	56164.26	56270.2	-20.21	56144.05	56162.85156	56049.53376	56066.47266	504778.1	5409460.2
L4780.0	504778.1	5409460.2	5489.60010	253.36	31.77	48.838098	-86.934884	56162.23	56270.2	-20.21	56142.01	56160.82422	56047.39884	56064.32031	504778.1	5409460.2
L4780.0	504778.1	5409458.4	5489.70020	253.88	31.46	48.838082	-86.934884	56159.83	56270.2	-20.22	56139.61	56158.43359	56045.23547	56062.13672	504778.1	5409458.4
L4780.0	504778.1	5409456.7	5489.79981	253.41	31.46	48.838066	-86.934884	56156.89	56270.2	-20.23	56136.66	56155.49219	56043.05607	56059.93750	504778.1	5409456.7
L4780.0	504778.2	5409455.6	5489.89990	252.84	39.99	48.838057	-86.934884	56154.54	56270.2	-20.24	56134.30	56153.14063	56040.78446	56057.64063	504778.2	5409455.6
L4780.0	504778.2	5409454.3	5490.00000	253.75	39.99	48.838045	-86.934884	56151.94	56270.3	-20.25	56131.69	56150.53125	56038.47653	56055.30469	504778.2	5409454.3
L4780.0	504778.2	5409453.0	5490.10010	253.93	40.06	48.838033	-86.934884	56149.13	56270.3	-20.26	56128.88	56147.72266	56036.12891	56052.92969	504778.2	5409453.0
L4780.0	504778.2	5409453.0	5490.20020	254.46	40.11	48.838033	-86.934884	56146.02	56270.3	-20.26	56125.76	56144.59766	56033.74899	56050.51563	504778.2	5409453.0
L4780.0	504778.2	5409451.4	5490.29981	255.98	40.11	48.838018	-86.934884	56142.78	56270.3	-20.27	56122.51	56141.34375	56031.32493	56048.05859	504778.2	5409451.4
L4780.0	504778.2	5409449.7	5490.39990	255.34	40.25	48.838003	-86.934884	56139.39	56270.3	-20.28	56119.11	56137.93359	56028.85829	56045.55469	504778.2	5409449.7
L4780.0	504778.2	5409449.7	5490.50000	255.29	40.25	48.838003	-86.934884	56135.86	56270.3	-20.29	56115.57	56134.38281	56026.34877	56043.00781	504778.2	5409449.7
L4780.0	504778.2	5409448.0	5490.60010	253.22	39.47	48.837988	-86.934884	56132.58	56270.3	-20.29	56112.29	56131.08594	56023.77014	56040.39063	504778.2	5409448.0
L4780.0	504778.2	5409446.6	5490.70020	253.38	39.47	48.837975	-86.934884	56128.56	56270.3	-20.30	56108.26	56127.03906	56021.19033	56037.76563	504778.2	5409446.6
L4780.0	504778.2	5409445.1	5490.79981	252.86	35.63	48.837962	-86.934884	56123.96	56270.3	-20.31	56103.66	56122.41406	56018.59804	56035.12891	504778.2	5409445.1
L4780.0	504778.2	5409443.5	5490.89990	252.85	35.63	48.837947	-86.934884	56118.30	56270.3	-20.31	56097.98	56116.71094	56016.02811	56032.51172	504778.2	5409443.5
L4780.0	504778.2	5409443.5	5491.00000	251.46	39.09	48.837947	-86.934884	56113.62	56270.3	-20.32	56093.30	56112.00391	56013.34284	56029.77734	504778.2	5409443.5
L4780.0	504778.2	5409442.3	5491.10010	252.54	38.3	48.837937	-86.934884	56109.79	56270.3	-20.33	56089.46	56108.12891	56010.55403	56026.93750	504778.2	5409442.3
L4780.0	504778.2	5409440.6	5491.20020	251.75	36.54	48.837922	-86.934884	56104.06	56270.3	-20.34	56083.72	56102.35547	56007.84562	56024.17578	504778.2	5409440.6
L4780.0	504778.2	5409439.1	5491.29981	252.29	36.54	48.837909	-86.934883	56099.17	56270.3	-20.34	56078.82	56097.41797	56005.03638	56021.30859	504778.2	5409439.1
L4780.0	504778.2	5409439.1	5491.39990	253.68	38.29	48.837909	-86.934883	56092.39	56270.4	-20.35	56072.04	56090.59375	56002.30925	56018.52344	504778.2	5409439.1
L4780.0	504778.2	5409437.2	5491.50000	251.88	38.29	48.837891	-86.934883	56085.71	56270.4	-20.36	56065.35	56083.85938	55999.53466	56015.69141	504778.2	5409437.2
L4780.0	504778.2	5409436.0	5491.60010	255.79	38.93	48.837881	-86.934883	56080.10	56270.4	-20.37	56059.73	56078.18750	55996.64923	56012.74219	504778.2	5409436.0
L4780.0	504778.2	5409434.4	5491.70020	254.81	38.93	48.837865	-86.934883	56074.13	56270.4	-20.38	56053.75	56072.15234	55993.75043	56009.78125	504778.2	5409434.4
L4780.0	504778.2	5409434.4	5491.79981	255.08	35.34	48.837865	-86.934883	56067.09	56270.4	-20.38	56046.71	56065.05469	55990.88725	56006.85156	504778.2	5409434.4
L4780.0	504778.3	5409432.4	5491.89990	254.49	38.56	48.837848	-86.934883	56059.59	56270.4	-20.39	56039.20	56057.48438	55988.02286	56003.91797	504778.3	5409432.4
L4780.0	504778.3	5409431.0	5492.00000	253.63	38.56	48.837835	-86.934883	56051.64	56270.4	-20.40	56031.24	56049.46094	55985.15864	56000.98438	504778.3	5409431.0
L4780.0	504778.3	5409429.6	5492.10010	256.26	28.04	48.837822	-86.934883	56043.45	56270.4	-20.41	56023.04	56041.19141	55982.28348	55998.03516	504778.3	5409429.6
L4780.0	504778.3	5409429.6	5492.20020	255.17	28.04	48.837822	-86.934883	56035.18	56270.4	-20.42	56014.76	56032.83594	55979.38981	55995.07031	504778.3	5409429.6
L4780.0	504778.3	5409427.8	5492.29981	256.24	37.03	48.837806	-86.934883	56026.09	56270.4	-20.43	56005.67	56023.66797	55976.52960	55992.13281	504778.3	5409427.8
L4780.0	504778.3	5409426.0	5492.39990	265.33	37.03	48.837790	-86.934883	56016.48	56270.4	-20.44	55996.04	56013.95703	55973.68833	55989.21484	504778.3	5409426.0
L4780.0	504778.3	5409426.0	5492.50000	254.68	36.29	48.837790	-86.934883	56006.46	56270.4	-20.44	55986.02	56003.85156	55970.85970	55986.30469	504778.3	5409426.0
L4780.0	504778.3	5409424.5	5492.60010	254.35	36.29	48.837777	-86.934882	55996.17	56270.5	-20.45	55975.72	55993.46094	55968.04024	55983.40625	504778.3	5409424.5
L4780.0	504778.3	5409423.3	5492.70020	252.87	37.89	48.837766	-86.934882	55984.84	56270.5	-20.46	55964.38	55982.02734	55965.28470	55980.56641	504778.3	5409423.3
L4780.0	504778.4	5409421.7	5492.79981	253.59	37.79	48.837752	-86.934882	55975.33	56270.5	-20.47	55954.86	55972.41016	55962.40664	55977.60547	504778.4	5409421.7
L4780.0	504778.4	5409420.3	5492.89990	252.26	37.79	48.837739	-86.934882	55964.43	56270.5	-20.48	55943.95	55961.39844	55959.62449	55974.73828	504778.4	5409420.3
L4780.0	504778.4	5409420.3	5493.00000	252.61	29.16	48.837739	-86.934882	55951.90	56270.5	-20.49	55931.41	55948.75391	55956.95884	55971.98438	504778.4	5409420.3
L4780.0	504778.4	5409418.4	5493.10010	253.07	29.16	48.837722	-86.934881	55940.55	56270.5	-20.50	55920.05	55937.28516	55954.22709	55969.16406	504778.4	5409418.4
L4780.0	504778.4	5409416.9	5493.20020	253.86	30.96	48.837709	-86.934881	55926.79	56270.5	-20.51	55906.27	55923.39063	55951.67415	55966.51953	504778.4	5409416.9
L4780.0	504778.4	5409415.3	5493.29981	254.46	30.96	48.837694	-86.934881	55914.02	56270.5	-20.52	55893.49	55910.49219	55949.07702	55963.83203	504778.4	5409415.3
L4780.0	504778.4	5409415.3	5493.39990	255.51	34.46	48.837694	-86.934881	55901.52	56270.5	-20.53	55880.99	55897.87109	55946.48885	55961.14844	504778.4	5409415.3
L4780.0	504778.4	5409413.6	5493.50000	255.14	35.68	48.837679	-86.934881	55888.70	56270.5	-20.54	55868.15	55884.90625	55943.95620	55958.52344	504778.4	5409413.6
L4780.0	504778.5	5409411.7	5493.60010	255.45	35.68	48.837662	-86.934880	55874.27	56270.6	-20.56	55853.72	55870.34375	55941.56774	55956.03516	504778.5	5409411.7
L4780.0	504778.5	5409410.5	5493.70020	254.73	32.97	48.837651	-86.934880	55860.82	56270.6	-20.57	55840.25	55856.73828	55939.15885	55953.53125	504778.5	5409410.5
L4780.0	504778.5	5409410.5	5493.79981	252.92	31.37	48.837651	-86.934880	55845.72	56270.6	-20.58	55825.14	55841.49219	55936.90830	55951.17969	504778.5	5409410.5
L4780.0	504778.5	5409409.3	5493.89990	253.16	31.37	48.837640	-86.934880	55832.08	56270.6	-20.59	55811.49	55827.69922	55934.61489	55948.78906	504778.5	5409409.3
L4780.0	504778.5	5409407.6	5494.00000	254.43	30.86	48.837625	-86.934880	55818.18	56270.6	-20.60	55797.58	55813.64453	55932.39874	55946.47266	504778.5	5409407.6
L4780.0	504778.5	5409407.6	5494.10010	255.99	35.7	48.837625	-86.934880	55804.33	56270.6	-20.61	55783.72	55799.63281	55930.24463	55944.21484	504778.5	5409407.6
L4780.0	504778.5	5409406.0	5494.20020	256.06	35.7	48.837611	-86.934880	55790.10	56270.6	-20.62	55769.48	55785.24219	55928.18663	55942.05469	504778.5	5409406.0
L4780.0	504778.5	5409404.7	5494.29981	256.80	36.61	48.837599	-86.934879	55775.72	56270.6	-20.63	55755.10	55770.70313	55926.21407	55939.97656	504778.5	5409404.7
L4780.0	504778.5	5409404.7	5494.39990	256.21	36.61	48.837599	-86.934879	55761.67	56270.6	-20.64	55741.03	55756.47266	55924.30220	55937.96094	504778.5	5409404.7
L4780.0	504778.6	5409402.7	5494.50000	256.10	36.61	48.837580	-86.934879	55748.28	56270.6	-20.65	55727.64	55742.91797	55922.43147	55935.98438	504778.6	5409402.7
L4780.0	504778.6	5409401.3	5494.60010	257.74	36.13	48.837568	-86.934879	55735.36	56270.7	-20.65	55714.70	55729.81250	55920.62220	55934.07031	504778.6	5409401.3
L4780.0	504778.6	5409400.1	5494.70020	259.19	35.87	48.837557	-86.934879	55722.33	56270.7	-20.66	55701.67	55716.60938	55918.91522	55932.25781	504778.6	5409400.1
L4780.0	504778.6	5409398.8	5494.79981	257.79	35.66	48.837545	-86.934879	55710.04	56270.7	-20.67	55689.37	55704.13672	55917.26048	55930.49219	504778.6	5409398.8
L4780.0	504778.6	5409397.4	5494.89990	258.30	35.66	48.837533	-86.934879	55697.24	56270.7	-20.68	55676.56	55691.14844	55915.74508	55928.87109	504778.6	5409397.4
L4780.0	504778.6	5409397.4	5495.00000	259.99	34.21	48.837533	-86.934879	55687.45	56270.7	-20.69	55666.76	55681.16406	55914.13853	55927.15234	504778.6	5409397.4
L4780.0	504778.6	5409395.6	5495.10010	258.18	31.63	48.837517	-86.934879	55677.66	56270.7	-20.70	55656.96	55671.17969	55912.64544	55925.55078	504778.6	5409395.6
L4780.0	504778.6	5409394.4	5495.20020	253.88	31.63	48.837506	-86.934879	55667.76	56270.7	-20.71	55647.05	55661.08203	55911.27678	55924.07422	504778.6	5409394.4
L4780.0	504778.6	5409392.9	5495.29981	256.95	34.09	48.837492	-86.934879	55658.82	56270.7	-20.72	55638.10	55651.94141	55909.96460	55922.65234	504778.6	5409392.9
L4780.0	504778.6	5409391.9	5495.39990	257.47	30.13	48.837484	-86.934879	55650.75	56270.7	-20.73	55630.01	55643.66016	55908.71862	55921.29297	504778.6	5409391.9
L4780.0	504778.6	5409390.3	5495.50000	257.96	30.13	48.837469	-86.934878	55643.51	56270.7	-20.75	55622.76	55636.21484	55907.54289	55920.00781	504778.6	5409390.3
L4780.0	504778.6	5409388.9	5495.60010	257.54	34.34	48.837456	-86.934878	55636.98	56270.8	-20.76	55616.22	55629.47266	55906.44847	55918.80078	504778.6	5409388.9
L4780.0	504778.7	5409387.7	5495.70020	256.37	31.84	48.837446	-86.934878	55632.57	55270.8	-20.77	55611.80	55624.85156	55905.34342	55917.58594	504778.7	5409387.7
L4780.0	504778.7	5409387.7	5495.79981	255.25	31.84	48.837446	-86.934878	55629.77	56270.8	-20.78	55608.99	55621.83984	55904.26342	55916.39453	504778.7	5409387.7
L4780.0	504778.7	5409385.8	5495.89990	256.42	34.94	48.837429	-86.934878	55626.80	56270.8	-20.79	55606.01	55618.65234	55903.32846	55915.34766	504778.7	5409385.8
L4780.0	504778.7	5409384.4	5496.00000	255.28	34.09	48.837416	-86.934878	55624.40	56270.8	-20.80	55603.60	55616.03516	55902.49019	55914.39844	504778.7	5409384.4

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4780.0	504778.7	5409383.0	5496.10010	254.59	34.09	48.837404	-86.934878	55622.79	56270.8	-20.81	55601.98	55614.20313	55901.73453	55913.53125	504778.7	5409383.0
L4780.0	504778.7	5409383.0	5496.20020	255.84	30.68	48.837404	-86.934878	55623.96	56270.8	-20.82	55603.14	55615.14844	55900.92905	55912.61328	504778.7	5409383.0
L4780.0	504778.7	5409381.7	5496.29981	254.88	29.02	48.837392	-86.934878	55626.00	56270.8	-20.83	55605.17	55616.96484	55900.20095	55911.77734	504778.7	5409381.7
L4780.0	504778.7	5409380.1	5496.39990	254.07	29.02	48.837378	-86.934878	55628.18	56270.8	-20.84	55607.34	55618.91797	55899.59842	55911.06250	504778.7	5409380.1
L4780.0	504778.7	5409378.8	5496.50000	254.80	29.17	48.837366	-86.934877	55630.74	56270.9	-20.86	55609.88	55621.23828	55899.10530	55910.45703	504778.7	5409378.8
L4780.0	504778.7	5409378.8	5496.60010	253.77	29.17	48.837366	-86.934877	55634.45	56270.9	-20.87	55613.59	55624.73047	55898.66708	55909.91016	504778.7	5409378.8
L4780.0	504778.7	5409375.8	5496.70020	253.50	27.47	48.837338	-86.934877	55639.36	56270.9	-20.88	55618.49	55629.41016	55898.28094	55909.41406	504778.7	5409375.8
L4780.0	504778.7	5409375.8	5496.79981	253.74	28.46	48.837338	-86.934877	55645.09	56270.9	-20.89	55624.21	55634.90625	55897.96975	55908.99609	504778.7	5409375.8
L4780.0	504778.8	5409374.3	5496.89990	252.40	28.46	48.837325	-86.934877	55651.38	56270.9	-20.90	55630.48	55640.95313	55897.74941	55908.66406	504778.8	5409374.3
L4780.0	504778.8	5409372.7	5497.00000	254.62	32.82	48.837311	-86.934877	55658.39	56270.9	-20.91	55637.48	55647.72656	55897.60552	55908.41406	504778.8	5409372.7
L4780.0	504778.8	5409371.9	5497.10010	252.01	32.7	48.837303	-86.934877	55665.14	56270.9	-20.92	55644.22	55654.24219	55897.60147	55908.30078	504778.8	5409371.9
L4780.0	504778.8	5409370.8	5497.20020	253.20	32.87	48.837293	-86.934877	55673.18	56270.9	-20.93	55652.24	55662.03516	55897.63169	55908.22656	504778.8	5409370.8
L4780.0	504778.8	5409369.3	5497.29981	256.09	32.87	48.837280	-86.934877	55681.01	56270.9	-20.95	55660.06	55669.62891	55897.79175	55908.28125	504778.8	5409369.3
L4780.0	504778.8	5409367.8	5497.39990	256.64	32.82	48.837267	-86.934877	55689.77	56271	-20.96	55668.81	55678.15234	55898.00301	55908.38672	504778.8	5409367.8
L4780.0	504778.8	5409366.3	5497.50000	257.65	34.24	48.837253	-86.934877	55697.24	56271	-20.97	55676.27	55685.38281	55898.40998	55908.68750	504778.8	5409366.3
L4780.0	504778.8	5409365.2	5497.60010	256.82	34.24	48.837243	-86.934877	55705.56	56271	-20.98	55684.58	55693.46484	55898.86635	55909.04297	504778.8	5409365.2
L4780.0	504778.8	5409365.2	5497.70020	257.69	34.35	48.837243	-86.934877	55716.04	56271	-20.99	55695.04	55703.69922	55899.28166	55909.35547	504778.8	5409365.2
L4780.0	504778.8	5409363.5	5497.79981	258.14	32.89	48.837228	-86.934877	55724.82	56271	-21.01	55703.81	55712.24219	55899.90801	55909.87891	504778.8	5409363.5
L4780.0	504778.8	5409362.0	5497.89990	258.76	32.89	48.837215	-86.934877	55734.65	56271	-21.02	55713.63	55721.83203	55900.55873	55910.42969	504778.8	5409362.0
L4780.0	504778.8	5409360.4	5498.00000	260.12	30.93	48.837200	-86.934877	55744.18	56271	-21.03	55723.15	55731.12500	55901.31974	55911.08984	504778.8	5409360.4
L4780.0	504778.8	5409360.4	5498.10010	260.16	28.27	48.837200	-86.934877	55752.89	56271	-21.04	55731.85	55739.59766	55902.22157	55911.89453	504778.8	5409360.4
L4780.0	504778.8	5409358.9	5498.20020	259.91	27.59	48.837187	-86.934877	55761.45	56271.1	-21.05	55740.40	55747.92188	55903.21539	55912.79297	504778.8	5409358.9
L4780.0	504778.7	5409357.4	5498.29981	258.74	27.59	48.837173	-86.934877	55771.64	56271.1	-21.06	55750.58	55757.87891	55904.17833	55913.65625	504778.7	5409357.4
L4780.0	504778.7	5409355.7	5498.39990	258.58	29.75	48.837157	-86.934877	55781.29	56271.1	-21.07	55760.21	55767.28516	55905.25153	55914.63672	504778.7	5409355.7
L4780.0	504778.7	5409355.0	5498.50000	256.96	35.73	48.837151	-86.934877	55790.95	56271.1	-21.08	55769.87	55776.71875	55906.39213	55915.68359	504778.7	5409355.0
L4780.0	504778.7	5409353.4	5498.60010	255.69	35.73	48.837137	-86.934877	55798.59	56271.1	-21.10	55777.49	55784.11719	55907.73398	55916.93359	504778.7	5409353.4
L4780.0	504778.7	5409352.0	5498.70020	253.14	28.83	48.837125	-86.934878	55807.55	56271.1	-21.11	55786.44	55792.84766	55909.04831	55918.15625	504778.7	5409352.0
L4780.0	504778.7	5409350.7	5498.79981	252.88	25.21	48.837113	-86.934878	55814.61	56271.1	-21.12	55793.49	55799.67969	55910.54638	55919.56641	504778.7	5409350.7
L4780.0	504778.7	5409350.7	5498.89990	252.80	27.53	48.837113	-86.934878	55824.45	56271.1	-21.13	55803.32	55809.28906	55911.91221	55920.84375	504778.7	5409350.7
L4780.0	504778.7	5409348.8	5499.00000	250.63	22.68	48.837096	-86.934878	55832.86	56271.1	-21.14	55811.72	55817.47266	55913.42254	55922.26953	504778.7	5409348.8
L4780.0	504778.7	5409347.6	5499.10010	254.23	22.68	48.837085	-86.934878	55840.66	56271.2	-21.15	55819.51	55825.05078	55915.01888	55923.78125	504778.7	5409347.6
L4780.0	504778.7	5409346.1	5499.20020	255.39	19.84	48.837072	-86.934877	55848.98	56271.2	-21.16	55827.82	55833.14844	55916.62218	55925.30078	504778.7	5409346.1
L4780.0	504778.8	5409344.7	5499.29981	256.00	19.6	48.837059	-86.934877	55856.04	56271.2	-21.17	55834.87	55839.98828	55918.34746	55926.94531	504778.8	5409344.7
L4780.0	504778.8	5409343.6	5499.39990	256.07	23.74	48.837049	-86.934877	55863.83	56271.2	-21.18	55842.65	55847.56250	55920.05854	55928.57422	504778.8	5409343.6
L4780.0	504778.8	5409343.6	5499.50000	256.59	23.74	48.837049	-86.934877	55871.14	56271.2	-21.19	55849.95	55854.65625	55921.83268	55930.26953	504778.8	5409343.6
L4780.0	504778.8	5409342.1	5499.60010	258.05	22.95	48.837036	-86.934877	55877.28	56271.2	-21.20	55856.08	55860.58203	55923.71259	55932.07422	504778.8	5409342.1
L4780.0	504778.8	5409340.7	5499.70020	260.57	22.95	48.837023	-86.934876	55885.18	56271.2	-21.21	55863.97	55868.27344	55925.49978	55933.78516	504778.8	5409340.7
L4780.0	504778.8	5409339.2	5499.79981	259.35	33.03	48.837009	-86.934876	55892.06	56271.2	-21.22	55870.84	55874.94531	55927.37652	55935.58984	504778.8	5409339.2
L4780.0	504778.9	5409337.9	5499.89990	261.12	32.14	48.836998	-86.934876	55897.63	56271.2	-21.23	55876.40	55880.30859	55929.35923	55937.50000	504778.9	5409337.9
L4780.0	504778.9	5409336.9	5500.00000	260.17	32.14	48.836989	-86.934876	55904.22	56271.2	-21.24	55882.98	55886.69922	55931.28980	55939.35938	504778.9	5409336.9
L4780.0	504778.9	5409336.9	5500.10010	258.50	33.02	48.836989	-86.934876	55910.55	56271.2	-21.24	55889.30	55892.82813	55933.25088	55941.25391	504778.9	5409336.9
L4780.0	504778.9	5409335.1	5500.20020	258.30	31.05	48.836973	-86.934875	55915.36	56271.3	-21.25	55894.11	55897.45313	55935.32326	55943.26172	504778.9	5409335.1
L4780.0	504778.9	5409333.7	5500.29981	257.40	31.05	48.836960	-86.934875	55921.75	56271.3	-21.25	55900.50	55903.66406	55937.29853	55945.17188	504778.9	5409333.7
L4780.0	504778.9	5409332.5	5500.39990	254.90	22.09	48.836949	-86.934875	55927.04	56271.3	-21.26	55905.78	55908.76172	55939.35372	55947.16406	504778.9	5409332.5
L4780.0	504778.9	5409331.1	5500.50000	256.70	22.49	48.836936	-86.934875	55932.93	56271.3	-21.26	55911.67	55914.47656	55941.37201	55949.12109	504778.9	5409331.1
L4780.0	504778.9	5409329.6	5500.60010	256.11	23.85	48.836923	-86.934875	55939.18	56271.3	-21.27	55917.91	55920.54688	55943.36866	55951.05859	504778.9	5409329.6
L4780.0	504778.9	5409328.4	5500.70020	256.52	23.85	48.836913	-86.934875	55944.32	56271.3	-21.28	55923.04	55925.50781	55945.43907	55953.07031	504778.9	5409328.4
L4780.0	504778.9	5409327.1	5500.79981	255.86	33.26	48.836901	-86.934875	55949.05	56271.3	-21.28	55927.77	55930.07422	55947.53408	55955.10938	504778.9	5409327.1
L4780.0	504778.9	5409327.1	5500.89990	254.61	34	48.836901	-86.934875	55954.11	56271.3	-21.29	55932.82	55934.96094	55949.60398	55957.12500	504778.9	5409327.1
L4780.0	504778.9	5409325.5	5501.00000	255.03	34	48.836886	-86.934875	55959.39	56271.3	-21.29	55938.10	55940.08594	55951.65317	55959.12109	504778.9	5409325.5
L4780.0	504778.9	5409324.1	5501.10010	255.01	37.15	48.836874	-86.934875	55964.91	56271.3	-21.30	55943.61	55945.44141	55953.68012	55961.10156	504778.9	5409324.1
L4780.0	504778.9	5409323.1	5501.20020	254.09	32.25	48.836865	-86.934875	55966.93	56271.3	-21.31	55945.62	55947.30469	55955.93212	55963.30469	504778.9	5409323.1
L4780.0	504778.9	5409321.5	5501.29981	254.06	32.25	48.836850	-86.934876	55971.64	56271.3	-21.32	55950.31	55951.84766	55957.99584	55965.32031	504778.9	5409321.5
L4780.0	504778.9	5409320.1	5501.39990	253.12	38.52	48.836837	-86.934876	55975.94	56271.3	-21.33	55954.60	55955.99609	55960.07540	55967.35547	504778.9	5409320.1
L4780.0	504778.9	5409320.1	5501.50000	253.67	38.76	48.836837	-86.934876	55980.92	56271.3	-21.35	55959.57	55960.83203	55962.09768	55969.33594	504778.9	5409320.1
L4780.0	504778.8	5409318.1	5501.60010	255.90	38.76	48.836820	-86.934876	55986.71	56271.4	-21.36	55965.36	55966.48828	55964.05231	55971.24609	504778.8	5409318.1
L4780.0	504778.8	5409316.6	5501.70020	256.70	31.84	48.836806	-86.934877	55987.90	56271.4	-21.37	55966.53	55967.53125	55966.30097	55973.45703	504778.8	5409316.6
L4780.0	504778.8	5409315.5	5501.79981	257.50	26.04	48.836796	-86.934877	55991.77	56271.4	-21.38	55970.39	55971.26563	55968.35547	55975.47266	504778.8	5409315.5
L4780.0	504778.8	5409315.5	5501.89990	256.38	23.3	48.836796	-86.934877	55996.09	56271.4	-21.39	55974.70	55975.45703	55970.36431	55977.44531	504778.8	5409315.5
L4780.0	504778.8	5409313.9	5502.00000	255.22	23.3	48.836782	-86.934877	56000.98	56271.4	-21.40	55979.58	55980.21875	55972.31877	55979.36719	504778.8	5409313.9
L4780.0	504778.8	5409312.4	5502.10010	255.45	38.73	48.836768	-86.934877	56004.52	56271.4	-21.40	55983.11	55983.64063	55974.34615	55981.36328	504778.8	5409312.4
L4780.0	504778.7	5409311.0	5502.20020	254.33	39.7	48.836756	-86.934878	56007.40	56271.4	-21.41	55985.99	55986.41406	55976.39920	55983.38281	504778.7	5409311.0
L4780.0	504778.7	5409309.5	5502.29981	255.20	39.7	48.836743	-86.934878	56010.23	56271.4	-21.42	55988.82	55989.14063	55978.43736	55985.39453	504778.7	5409309.5
L4780.0	504778.7	5409309.5	5502.39990	256.39	36.45	48.836743	-86.934878	56013.88	56271.4	-21.42	55992.46	55992.68359	55980.40279	55987.33203	504778.7	5409309.5
L4780.0	504778.7	5409307.9	5502.50000	255.89	36.45	48.836728	-86.934879	56017.62	56271.4	-21.43	55996.20	55996.33203	55982.34241	55989.24609	504778.7	5409307.9
L4780.0	504778.7	5409306.5	5502.60010	254.92	37.63	48.836715	-86.934879	56021.49	56271.4	-21.43	56000.06	56000.10156	55984.25447	55991.13281	504778.7	5409306.5
L4780.0	504778.6	5409305.4	5502.70020	257.03	39.67	48.836705	-86.934879	56024.40	56271.4	-21.43	56002.96	56002.91797	55986.21064	55993.06641	504778.6	5409305.4
L4780.0	504778.6	5409304.0	5502.79981	257.11	41.09	48.836693	-86.934880	56026.15	56271.4	-21.44	56004.71	56004.58984	55988.22330	55995.05859	504778.6	5409304.0
L4780.0	504778.6	5409302.6	5502.89990	256.83	41.09	48.836680	-86.934881	56029.74	56271.4	-21.44	56008.29	56008.09375	55990.09351	55996.91016	504778.6	5409302.6
L4780.0	504778.5	5409301.2	5503.00000	258.67	41.16	48.836667	-86.934881	56032.72	56271.4	-21.45	56011.27	56011.00391	55991.98306	55998.78125	504778.5	5409301.2
L4780.0	504778.5	5409301.2	5503.10010	257.62	40.37	48.836667	-86.934881	56035.66	56271.4	-21.45	56014.21	56013.87891	55993.85444	56000.63672	504778.5	5409301.2
L4780.0	504778.5	5409299.2	5503.20020	257.35	40.37	48.836649	-86.934882	56038.44	56271.4	-21.45	56016.99	56016.59766	55995.71551	56002.48438	504778.5	5409299.2
L4780.0	504778.4	5409298.1	5503.29981	257.66	40.4	48.836639	-86.934883	56040.04	56271.4	-21.45	56018.59	56018.14063	55997.63415	56004.38672	504778.4	5409298.1
L4780.0	504778.4	5409296.9	5503.39990	254.23	39.37	48.836629	-86.934883	56042.92	56271.4	-21.45	56021.47	56020.96875	55999.44628	56006.18750	504778.4	5409296.9
L4780.0	504778.4	5409295.5	5503.50000	253.42	39.37	48.836616	-86.934883	56045.09	56271.4	-21.45	56023.64	56023.08984	56001.28451	56008.01563	504778.4	5409295.5
L4780.0	504778.3	5409294.6	5503.60010	254.96	38.5	48.836608	-86.934884	56048.16	56271.4	-21.45	56026.71	56026.11328	56003.04148	56009.76172	504778.3	5409294.6
L4780.0	504778.3	5409293.0	5503.70020	254.78	34.22	48.836594	-86.934884	56049.59	56271.4	-21.45	56028.14	56027.50781	56004.88651	56011.59766	504778.3	5409293.0
L4780.0	504778.3	5409291.4	5503.79981	255.80	34.22	48.836580	-86.934885	56052.86	56271.4	-21.45	56031.41	56030.74219	56006.58762	56013.29297	504778.3	5409291.4
L4780.0	504778.2	5409289.8	5503.89990	255.54	34.22	48.836565	-86.934885	56055.36	56271.4	-21.45	56033.91	56033.21094	56008.31884	56015.01953	504778.2	5409289.8
L4780.0	504778.2	5409289.8	5504.00000	255.92	32.8	48.836565	-86.934885	56058.27	56271.4	-21.45	56036.82	56036.09375	56010.00158	56016.69531	504778.2	5409289.8
L4780.0	504778.2	5409288.3	5504.10010	256.76	38.34	48.836552	-86.934886	56061.18	56271.5	-21.45	56039.73	56038.98047	56011.66322	56018.35547	504778.2	5409288.3
L4780.0	504778.2	5409286.9	5504.20020	254.56	38.34	48.836539	-86.934886	56062.06	56271.5	-21.46	56040.60	56039.83203	56013.43985	56020.12891	504778.2	5409286.9
L4780.0	504778.2	5409286.9	5504.29981	255.45	35.84	48.836539	-86.934886	56064.56	56271.5	-21.46	56043.10	56042.31641	56015.08692	56021.77734	504778.2	5409286.9
L4780.0	504778.1	5409285.0	5504.39990	256.47	35.84	48.836522	-86.934887	56067.25	56271.5	-21.47	56045.78	56044.98828	56016.70120	56023.39063	504778.1	5409285.0
L4780.0	504778.1	5409283.7	5504.50000	267.08	37.8	48.836510	-86.934887	56068.67	56271.5	-21.47	56047.19	56046.39063	56018.37949	56025.07031	504778.1	5409283.7
L4780.0	504778.1	5409282.3	5504.60010	269.10	39.47	48.836498	-86.934887	56069.80	56271.5	-21.48	56048.32	56047.51953	56020.05592	56026.74609	504778.1	5409282.3
L4780.0	504778.1	5409280.8	5504.70020	265.84	36.05	48.836484	-86.934888	56072.08	56271.5	-21.49	56050.60	56049.80078	56021.63530	56028.32813	504778.1	5409280.8
L4780.0	504778.1	5409280.8	5504.79981	263.35	36.05	48.836484	-86.934888	56073.85	56271.5	-21.49	56052.36	56051.56641	56023.22914	56029.92578	504778.1	5409280.8
L4780.0	504778.1	5409279.0	5504.89990	256.70	37.14	48.836468	-86.934888	56076.64	56271.5	-21.50	56055.14	56054.35547	56024.73492	56031.43750	504778.1	5409279.0
L4780.0	504778.1	5409277.7	5505.00000	254.73	37.14	48.836456	-86.934888	56079.02	56271.5	-21.50	56057.52	56056.74609	56026.24748	56032.95703	504778.1	5409277.7
L4780.0	504778.0	5409276.0	5505.10010	253.80	36.96	48.836441	-86.934888	56080.98	56271.5	-21.51	56059.47	56058.71094	56027.76901	56034.48438	504778.0	5409276.0
L4780.0	504778.0	5409276.0	5505.20020	254.30	36.85	48.836441	-86.934888	56082.48	56271.5	-21.52	56060.96	56060.22266	56029.30168	56036.02344	504778.0	5409276.0
L4780.0	504778.0	5409274.5	5505.29981	253.59	36.85	48.836427	-86.934888	56084.50	56271.5	-21.53	56062.96	56062.24609	56030.78103	56037.50781	504778.0	5409274.5

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4780.0	504778.0	5409273.8	5505.39990	250.15	38.4	48.836421	-86.934888	56086.27	56271.5	-21.54	56064.73	56064.03906	56032.25658	56038.99219	504778.0	5409273.8
L4780.0	504778.0	5409272.4	5505.50000	250.29	39.75	48.836409	-86.934888	56087.74	56271.6	-21.56	56066.18	56065.51953	56033.73453	56040.48047	504778.0	5409272.4
L4780.0	504778.0	5409270.8	5505.60010	250.89	39.75	48.836394	-86.934888	56088.65	56271.6	-21.57	56067.08	56066.45313	56035.23041	56041.98438	504778.0	5409270.8
L4780.0	504778.0	5409269.3	5505.70020	255.07	42.15	48.836381	-86.934888	56090.64	56271.6	-21.58	56069.07	56068.48047	56036.63511	56043.39844	504778.0	5409269.3
L4780.0	504778.0	5409268.1	5505.79981	256.16	41.6	48.836370	-86.934888	56092.85	56271.6	-21.59	56071.26	56070.70703	56038.00816	56044.78516	504778.0	5409268.1
L4780.0	504778.0	5409268.1	5505.89990	255.79	41.6	48.836370	-86.934888	56093.86	56271.6	-21.60	56072.26	56071.75000	56039.44244	56046.22656	504778.0	5409268.1
L4780.0	504778.0	5409266.5	5506.00000	255.56	42.44	48.836356	-86.934888	56095.25	56271.6	-21.61	56073.64	56073.17188	56040.83350	56047.62891	504778.0	5409266.5
L4780.0	504778.0	5409264.5	5506.10010	253.83	43.46	48.836338	-86.934888	56096.74	56271.6	-21.62	56075.12	56074.69922	56042.20023	56049.00781	504778.0	5409264.5
L4780.0	504778.0	5409263.5	5506.20020	252.86	43.46	48.836328	-86.934888	56098.74	56271.6	-21.63	56077.11	56076.73828	56043.51551	56050.33594	504778.0	5409263.5
L4780.0	504778.0	5409262.0	5506.29981	252.72	42.71	48.836315	-86.934888	56100.89	56271.6	-21.64	56079.26	56078.94141	56044.80290	56051.63672	504778.0	5409262.0
L4780.0	504778.0	5409261.1	5506.39990	251.62	43.31	48.836307	-86.934888	56102.11	56271.6	-21.65	56080.46	56080.19531	56046.13661	56052.98047	504778.0	5409261.1
L4780.0	504778.0	5409261.1	5506.50000	250.52	40.96	48.836307	-86.934888	56103.65	56271.7	-21.65	56082.00	56081.79297	56047.43087	56054.28906	504778.0	5409261.1
L4780.0	504778.0	5409258.5	5506.60010	251.45	40.96	48.836284	-86.934888	56105.39	56271.7	-21.66	56083.73	56083.58203	56048.69590	56055.56641	504778.0	5409258.5
L4780.0	504778.0	5409258.5	5506.70020	252.79	41.44	48.836284	-86.934888	56106.71	56271.7	-21.67	56085.04	56084.95313	56049.97259	56056.85547	504778.0	5409258.5
L4780.0	504778.1	5409256.9	5506.79981	254.41	39.09	48.836269	-86.934888	56107.29	56271.7	-21.68	56085.60	56085.57813	56051.28318	56058.17969	504778.1	5409256.9
L4780.0	504778.1	5409255.7	5506.89990	255.28	39.09	48.836258	-86.934888	56108.94	56271.7	-21.69	56087.25	56087.29297	56052.50521	56059.41406	504778.1	5409255.7
L4780.0	504778.1	5409255.7	5507.00000	252.73	38.72	48.836258	-86.934888	56109.92	56271.7	-21.70	56088.22	56088.32813	56053.75691	56060.67969	504778.1	5409255.7
L4780.0	504778.1	5409252.8	5507.10010	252.85	38.72	48.836233	-86.934888	56111.18	56271.7	-21.71	56089.48	56089.66016	56054.97384	56061.91016	504778.1	5409252.8
L4780.0	504778.1	5409251.5	5507.20020	254.46	41.58	48.836221	-86.934888	56113.18	56271.7	-21.72	56091.46	56091.71094	56056.12756	56063.07813	504778.1	5409251.5
L4780.0	504778.1	5409251.5	5507.29981	255.27	41.84	48.836221	-86.934888	56114.83	56271.7	-21.73	56093.11	56093.43359	56057.28829	56064.25391	504778.1	5409251.5
L4780.0	504778.1	5409250.3	5507.39990	255.45	38.57	48.836209	-86.934887	56115.84	56271.7	-21.74	56094.11	56094.50391	56058.47759	56065.45703	504778.1	5409250.3
L4780.0	504778.1	5409248.5	5507.50000	255.72	38.57	48.836193	-86.934887	56117.34	56271.7	-21.74	56095.59	56096.05859	56059.62035	56066.61328	504778.1	5409248.5
L4780.0	504778.1	5409247.1	5507.60010	256.21	37.07	48.836181	-86.934887	56116.77	56271.8	-21.75	56095.02	56095.56641	56060.88546	56067.89063	504778.1	5409247.1
L4780.0	504778.1	5409245.7	5507.70020	254.89	37.07	48.836169	-86.934887	56118.29	56271.8	-21.76	56096.52	56097.14453	56061.99846	56069.01563	504778.1	5409245.7
L4780.0	504778.1	5409245.7	5507.79981	255.28	38.3	48.836169	-86.934887	56119.86	56271.8	-21.77	56098.09	56098.79297	56063.09291	56070.12500	504778.1	5409245.7
L4780.0	504778.2	5409244.5	5507.89990	255.39	36.45	48.836157	-86.934887	56121.16	56271.8	-21.78	56099.38	56100.16406	56064.19236	56071.23438	504778.2	5409244.5
L4780.0	504778.2	5409242.9	5508.00000	255.12	36.45	48.836143	-86.934886	56121.68	56271.8	-21.79	56099.89	56100.75391	56065.33035	56072.38672	504778.2	5409242.9
L4780.0	504778.2	5409241.5	5508.10010	253.82	37.2	48.836131	-86.934886	56123.10	56271.8	-21.80	56101.30	56102.24609	56066.39509	56073.46094	504778.2	5409241.5
L4780.0	504778.2	5409239.9	5508.20020	253.54	37.81	48.836117	-86.934886	56124.06	56271.8	-21.82	56102.25	56103.27734	56067.47746	56074.55859	504778.2	5409239.9
L4780.0	504778.2	5409239.9	5508.29981	253.90	40.51	48.836117	-86.934886	56124.74	56271.8	-21.83	56102.91	56104.02344	56068.56633	56075.65625	504778.2	5409239.9
L4780.0	504778.2	5409238.0	5508.39990	251.21	40.51	48.836099	-86.934885	56126.90	56271.8	-21.85	56105.05	56106.24609	56069.54389	56076.64453	504778.2	5409238.0
L4780.0	504778.3	5409236.8	5508.50000	250.93	41.06	48.836088	-86.934885	56128.28	56271.9	-21.86	56106.42	56107.69922	56070.56036	56077.67188	504778.3	5409236.8
L4780.0	504778.3	5409235.3	5508.60010	251.00	37.84	48.836075	-86.934885	56128.87	56271.9	-21.87	56106.99	56108.35547	56071.61791	56078.74219	504778.3	5409235.3
L4780.0	504778.3	5409235.3	5508.70020	251.75	37.84	48.836075	-86.934885	56129.92	56271.9	-21.89	56108.03	56109.48047	56072.63208	56079.76563	504778.3	5409235.3
L4780.0	504778.3	5409233.9	5508.79981	254.26	37.84	48.836062	-86.934885	56130.26	56271.9	-21.90	56108.36	56109.89844	56073.68171	56080.82422	504778.3	5409233.9
L4780.0	504778.3	5409232.3	5508.89990	253.83	39.8	48.836047	-86.934884	56131.75	56271.9	-21.92	56109.84	56111.46094	56074.64299	56081.79688	504778.3	5409232.3
L4780.0	504778.4	5409230.6	5509.00000	254.92	39.68	48.836032	-86.934884	56132.58	56271.9	-21.93	56110.65	56112.35938	56075.63743	56082.80078	504778.4	5409230.6
L4780.0	504778.4	5409230.6	5509.10010	257.01	39.68	48.836032	-86.934884	56133.10	56271.9	-21.94	56111.15	56112.94531	56076.64120	56083.81250	504778.4	5409230.6
L4780.0	504778.4	5409229.1	5509.20020	256.55	40.02	48.836019	-86.934884	56134.41	56272	-21.96	56112.45	56114.33203	56077.58046	56084.76172	504778.4	5409229.1
L4780.0	504778.4	5409227.6	5509.29981	256.34	40.02	48.836005	-86.934884	56135.74	56272	-21.97	56113.77	56115.73828	56078.50739	56085.69531	504778.4	5409227.6
L4780.0	504778.4	5409226.0	5509.39990	257.48	37.45	48.835991	-86.934883	56136.98	56272	-21.99	56114.99	56117.04297	56079.43015	56086.62500	504778.4	5409226.0
L4780.0	504778.4	5409226.0	5509.50000	255.69	37.45	48.835991	-86.934883	56137.85	56272	-22.01	56115.84	56117.97656	56080.36688	56087.57031	504778.4	5409226.0
L4780.0	504778.4	5409224.3	5509.60010	255.16	41.33	48.835976	-86.934883	56139.44	56272	-22.02	56117.42	56119.64453	56081.24441	56088.45313	504778.4	5409224.3
L4780.0	504778.4	5409222.9	5509.70020	256.06	41.33	48.835963	-86.934883	56138.99	56272	-22.04	56116.95	56119.25781	56082.24821	56089.46484	504778.4	5409222.9
L4780.0	504778.4	5409221.2	5509.79981	255.52	41.68	48.835948	-86.934883	56139.18	56272.1	-22.05	56117.13	56119.52344	56083.19842	56090.41797	504778.4	5409221.2
L4780.0	504778.4	5409221.2	5509.89990	256.26	42.21	48.835948	-86.934883	56141.86	56272.1	-22.07	56119.80	56122.27734	56084.02741	56091.25391	504778.4	5409221.2
L4780.0	504778.4	5409220.0	5510.00000	257.86	42.21	48.835937	-86.934884	56142.93	56272.1	-22.08	56120.85	56123.41406	56085.19230	56092.42188	504778.4	5409220.0
L4780.0	504778.4	5409218.2	5510.10010	257.69	42.36	48.835921	-86.934884	56143.01	56272.1	-22.09	56120.91	56123.55859	56086.40110	56093.63672	504778.4	5409218.2
L4780.0	504778.4	5409217.1	5510.20020	258.14	42.36	48.835911	-86.934884	56143.67	56272.1	-22.11	56121.56	56124.28906	56087.56392	56094.80078	504778.4	5409217.1
L4780.0	504778.4	5409215.3	5510.29981	265.03	42.12	48.835895	-86.934884	56144.95	56272.1	-22.12	56122.83	56125.64453	56088.69199	56095.93359	504778.4	5409215.3
L4780.0	504778.4	5409213.9	5510.39990	266.54	42.45	48.835883	-86.934884	56146.47	56272.1	-22.14	56124.34	56127.23438	56089.81038	56097.05469	504778.4	5409213.9
L4780.0	504778.4	5409213.9	5510.50000	267.32	42.45	48.835883	-86.934884	56147.39	56272.2	-22.15	56125.24	56128.21484	56090.93617	56098.18359	504778.4	5409213.9
L4780.0	504778.3	5409212.5	5510.60010	265.69	42.31	48.835870	-86.934884	56147.28	56272.2	-22.16	56125.11	56128.16797	56092.05553	56099.30469	504778.3	5409212.5
L4780.0	504778.3	5409211.1	5510.70020	262.30	42.31	48.835857	-86.934885	56147.96	56272.2	-22.18	56125.78	56128.91797	56093.14912	56100.39844	504778.3	5409211.1
L4780.0	504778.3	5409211.1	5510.79981	260.73	43.17	48.835857	-86.934885	56148.70	56272.2	-22.19	56126.51	56129.72656	56094.22605	56101.47656	504778.3	5409211.1
L4780.0	504778.3	5409208.9	5510.89990	253.66	43.01	48.835837	-86.934885	56150.67	56272.2	-22.21	56128.46	56131.75391	56095.30769	56102.55859	504778.3	5409208.9
L4780.0	504778.3	5409207.6	5511.00000	254.10	43.01	48.835825	-86.934885	56150.93	56272.2	-22.22	56128.71	56132.08203	56096.33524	56103.58594	504778.3	5409207.6
L4780.0	504778.3	5409206.1	5511.10010	262.87	40.91	48.835812	-86.934885	56152.13	56272.2	-22.23	56129.90	56133.35156	56097.35544	56104.60547	504778.3	5409206.1
L4780.0	504778.3	5409205.0	5511.20020	262.64	40.91	48.835803	-86.934885	56152.47	56272.2	-22.25	56130.22	56133.74609	56098.30942	56105.55859	504778.3	5409205.0
L4780.0	504778.3	5409205.0	5511.29981	263.07	39.58	48.835803	-86.934885	56153.27	56272.3	-22.26	56131.01	56134.61328	56099.23784	56106.48438	504778.3	5409205.0
L4780.0	504778.3	5409203.5	5511.39990	259.32	40.16	48.835789	-86.934886	56155.07	56272.3	-22.28	56132.80	56136.47656	56100.16809	56107.41406	504778.3	5409203.5
L4780.0	504778.2	5409201.9	5511.50000	261.13	40.16	48.835775	-86.934886	56155.91	56272.3	-22.29	56133.62	56137.37109	56101.00565	56108.24609	504778.2	5409201.9
L4780.0	504778.2	5409200.8	5511.60010	263.48	40.58	48.835764	-86.934886	56156.74	56272.3	-22.30	56134.43	56138.25391	56101.79184	56109.03125	504778.2	5409200.8
L4780.0	504778.2	5409199.3	5511.70020	263.50	40.58	48.835751	-86.934886	56156.46	56272.3	-22.32	56134.14	56138.03516	56102.47037	56109.70703	504778.2	5409199.3
L4780.0	504778.2	5409199.3	5511.79981	264.32	43.68	48.835751	-86.934886	56157.53	56272.3	-22.33	56135.20	56139.16797	56103.16682	56110.39844	504778.2	5409199.3
L4780.0	504778.2	5409196.3	5511.89990	262.93	44.03	48.835724	-86.934886	56158.94	56272.3	-22.35	56136.59	56140.62500	56103.82717	56111.05469	504778.2	5409196.3
L4780.0	504778.2	5409196.3	5512.00000	260.46	44.03	48.835724	-86.934886	56160.11	56272.4	-22.36	56137.75	56141.85547	56104.42443	56111.64844	504778.2	5409196.3
L4780.0	504778.2	5409194.9	5512.10010	262.31	44.29	48.835711	-86.934886	56160.52	56272.4	-22.37	56138.14	56142.31641	56104.94430	56112.16406	504778.2	5409194.9
L4780.0	504778.2	5409194.9	5512.20020	263.55	44.31	48.835711	-86.934886	56161.45	56272.4	-22.39	56139.07	56143.31250	56105.44469	56112.65625	504778.2	5409194.9
L4780.0	504778.2	5409193.0	5512.29981	263.82	44.31	48.835695	-86.934886	56162.46	56272.4	-22.40	56140.06	56144.36719	56105.90960	56113.11719	504778.2	5409193.0
L4780.0	504778.2	5409191.7	5512.39990	265.33	44.42	48.835682	-86.934886	56162.56	56272.4	-22.41	56140.15	56144.52344	56106.32760	56113.52734	504778.2	5409191.7
L4780.0	504778.2	5409190.6	5512.50000	265.87	44.6	48.835673	-86.934886	56162.96	56272.4	-22.43	56140.54	56144.97656	56106.73809	56113.93359	504778.2	5409190.6
L4780.0	504778.2	5409189.0	5512.60010	266.82	44.6	48.835658	-86.934886	56163.68	56272.4	-22.44	56141.24	56145.74219	56107.14123	56114.32813	504778.2	5409189.0
L4780.0	504778.2	5409187.7	5512.70020	258.96	44.66	48.835646	-86.934886	56165.90	56272.5	-22.45	56143.45	56148.01563	56107.52929	56114.71094	504778.2	5409187.7
L4780.0	504778.2	5409187.7	5512.79981	257.73	44.65	48.835646	-86.934886	56166.09	56272.5	-22.46	56143.63	56148.25781	56107.92138	56115.09375	504778.2	5409187.7
L4780.0	504778.2	5409186.1	5512.89990	256.70	44.65	48.835632	-86.934886	56166.36	56272.5	-22.48	56143.88	56148.56641	56108.32487	56115.48828	504778.2	5409186.1
L4780.0	504778.2	5409184.5	5513.00000	257.56	44.7	48.835618	-86.934886	56165.70	56272.5	-22.49	56143.21	56147.95703	56108.76992	56115.92578	504778.2	5409184.5
L4780.0	504778.2	5409183.2	5513.10010	263.57	44.7	48.835606	-86.934886	56167.73	56272.5	-22.50	56145.22	56150.02734	56109.15708	56116.30469	504778.2	5409183.2
L4780.0	504778.3	5409181.7	5513.20020	254.96	40.8	48.835592	-86.934886	56168.95	56272.5	-22.52	56146.43	56151.29688	56109.58143	56116.71875	504778.3	5409181.7
L4780.0	504778.3	5409181.7	5513.29981	254.06	43.23	48.835592	-86.934886	56169.42	56272.5	-22.53	56146.88	56151.80469	56110.05995	56117.18750	504778.3	5409181.7
L4780.0	504778.3	5409180.1	5513.39990	251.23	43.23	48.835578	-86.934886	56169.12	56272.5	-22.55	56146.57	56151.55078	56110.60475	56117.72266	504778.3	5409180.1
L4780.0	504778.3	5409178.5	5513.50000	261.21	44.03	48.835564	-86.934886	56169.04	56272.6	-22.57	56146.47	56151.50391	56111.17329	56118.28516	504778.3	5409178.5
L4780.0	504778.3	5409176.9	5513.60010	252.40	44.03	48.835550	-86.934886	56171.01	56272.6	-22.58	56148.43	56153.51953	56111.66938	56118.76953	504778.3	5409176.9
L4780.0	504778.3	5409175.2	5513.70020	250.55	44.5	48.835534	-86.934886	56171.82	56272.6	-22.60	56149.22	56154.36328	56112.24780	56119.33594	504778.3	5409175.2
L4780.0	504778.3	5409175.2	5513.79981	261.10	44.29	48.835534	-86.934886	56171.04	56272.6	-22.61	56148.43	56153.62891	56112.92795	56120.00781	504778.3	5409175.2
L4780.0	504778.3	5409174.0	5513.89990	251.31	44.29	48.835524	-86.934885	56172.61	56272.6	-22.63	56149.98	56155.23047	56113.51375	56120.58203	504778.3	5409174.0
L4780.0	504778.3	5409172.6	5514.00000	254.33	44.91	48.835510	-86.934885	56173.16	56272.6	-22.64	56150.52	56155.82031	56114.15912	56121.21875	504778.3	5409172.6
L4780.0	504778.3	5409171.2	5514.10010	262.16	44.91	48.835498	-86.934885	56174.32	56272.7	-22.65	56151.67	56157.02344	56114.78767	56121.83594	504778.3	5409171.2
L4780.0	504778.3	5409169.7	5514.20020	263.01	44.9	48.835485	-86.934885	56174.04	56272.7	-22.66	56151.38	56156.78125	56115.48281	56122.51953	504778.3	5409169.7
L4780.0	504778.3	5409168.5	5514.29981	264.84	44.9	48.835474	-86.934885	56174.66	56272.7	-22.68	56151.98	56157.42969	56116.14058	56123.16406	504778.3	5409168.5
L4780.0	504778.3	5409168.5	5514.39990	256.00	44.46	48.835474	-86.934885	56174.70	56272.7	-22.69	56152.01	56157.50781	56116.81671	56123.82813	504778.3	5409168.5
L4780.0	504778.4	5409166.9	5514.50000	255.76	44.8	48.835459	-86.934885	56175.24	56272.7	-22.70	56152.54	56158.08594	56117.47197	56124.47266	504778.4	5409166.9
L4780.0	504778.4	5409165.2	5514.60010	262.43	45.13	48.835444	-86.934885	56176.06	56272.7	-22.71	56153.35	56158.94531	56118.11580	56125.10547	504778.4	5409165.2

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4780.0	504778.4	5409164.0	5514.70020	254.42	45.13	48.835433	-86.934885	56176.37	56272.7	-22.72	56153.64	56159.28125	56118.76842	56125.74609	504778.4	5409164.0
L4780.0	504778.4	5409162.6	5514.79981	253.01	45.13	48.835420	-86.934885	56177.09	56272.7	-22.74	56154.35	56160.03516	56119.40502	56126.37109	504778.4	5409162.6
L4780.0	504778.4	5409162.6	5514.89990	264.36	45.31	48.835420	-86.934885	56177.81	56272.7	-22.75	56155.06	56160.79297	56120.03641	56126.98828	504778.4	5409162.6
L4780.0	504778.4	5409160.9	5515.00000	264.98	45.31	48.835405	-86.934885	56177.36	56272.8	-22.76	56154.60	56160.37500	56120.67916	56127.61719	504778.4	5409160.9
L4780.0	504778.4	5409159.4	5515.10010	264.77	46.07	48.835392	-86.934885	56176.93	56272.8	-22.77	56154.16	56159.98047	56121.31187	56128.23828	504778.4	5409159.4
L4780.0	504778.4	5409158.0	5515.20020	253.86	46.07	48.835379	-86.934885	56178.63	56272.8	-22.78	56155.85	56161.71094	56121.92338	56128.83594	504778.4	5409158.0
L4780.0	504778.4	5409158.0	5515.29981	253.73	46.55	48.835379	-86.934885	56178.89	56272.8	-22.79	56156.10	56162.00391	56122.55174	56129.45313	504778.4	5409158.0
L4780.0	504778.4	5409156.3	5515.39990	252.73	46.9	48.835364	-86.934885	56178.61	56272.8	-22.80	56155.81	56161.75781	56123.18042	56130.06641	504778.4	5409156.3
L4780.0	504778.4	5409154.4	5515.50000	260.35	46.9	48.835347	-86.934885	56179.66	56272.8	-22.81	56156.85	56162.83984	56123.81163	56130.68750	504778.4	5409154.4
L4780.0	504778.4	5409154.4	5515.60010	257.82	47.07	48.835347	-86.934885	56181.30	56272.8	-22.82	56158.48	56164.50781	56124.45529	56131.31641	504778.4	5409154.4
L4780.0	504778.4	5409153.0	5515.70020	257.17	47.32	48.835334	-86.934885	56180.37	56272.8	-22.83	56157.54	56163.60938	56125.07488	56131.92188	504778.4	5409153.0
L4780.0	504778.4	5409151.3	5515.79981	258.32	47.32	48.835319	-86.934885	56180.50	56272.8	-22.84	56157.66	56163.76953	56125.70324	56132.53906	504778.4	5409151.3
L4780.0	504778.4	5409151.3	5515.89990	257.35	47.41	48.835319	-86.934885	56179.53	56272.8	-22.85	56156.68	56162.82813	56126.30294	56133.12500	504778.4	5409151.3
L4780.0	504778.4	5409150.1	5516.00000	261.50	47.41	48.835308	-86.934885	56181.28	56272.9	-22.86	56158.42	56164.60547	56126.96802	56133.77344	504778.4	5409150.1
L4780.0	504778.4	5409148.6	5516.10010	264.00	47.73	48.835295	-86.934885	56182.64	56272.9	-22.87	56159.78	56166.00391	56127.63296	56134.42578	504778.4	5409148.6
L4780.0	504778.4	5409147.0	5516.20020	266.00	47.73	48.835280	-86.934884	56182.79	56272.9	-22.88	56159.92	56166.18359	56128.25819	56135.03906	504778.4	5409147.0
L4780.0	504778.4	5409145.3	5516.29981	266.56	48.01	48.835265	-86.934884	56183.00	56272.9	-22.89	56160.11	56166.41016	56128.88060	56135.64453	504778.4	5409145.3
L4780.0	504778.4	5409145.3	5516.39990	265.14	48.11	48.835265	-86.934884	56183.28	56272.9	-22.90	56160.38	56166.71484	56129.49974	56136.25000	504778.4	5409145.3
L4780.0	504778.4	5409143.8	5516.50000	264.64	48.11	48.835252	-86.934884	56184.20	56272.9	-22.90	56161.29	56167.66016	56130.14512	56136.88281	504778.4	5409143.8
L4780.0	504778.4	5409142.3	5516.60010	264.95	48.23	48.835238	-86.934884	56183.37	56272.9	-22.91	56160.45	56166.85938	56130.67606	56137.39844	504778.4	5409142.3
L4780.0	504778.5	5409140.7	5516.70020	263.43	48.23	48.835224	-86.934884	56184.12	56272.9	-22.92	56161.20	56167.64453	56131.28520	56137.99219	504778.5	5409140.7
L4780.0	504778.5	5409139.3	5516.79981	266.49	48.23	48.835211	-86.934884	56184.66	56272.9	-22.93	56161.73	56168.20703	56131.86358	56138.55859	504778.5	5409139.3
L4780.0	504778.5	5409137.8	5516.89990	265.81	48.55	48.835198	-86.934883	56184.63	56272.9	-22.94	56161.68	56168.19141	56132.37778	56139.05469	504778.5	5409137.8
L4780.0	504778.5	5409137.8	5517.00000	265.55	44.88	48.835198	-86.934883	56185.73	56272.9	-22.95	56162.78	56169.32813	56132.94995	56139.61328	504778.5	5409137.8
L4780.0	504778.5	5409136.4	5517.10010	264.08	44.88	48.835185	-86.934883	56185.81	56273	-22.96	56162.85	56169.42969	56133.41711	56140.06641	504778.5	5409136.4
L4780.0	504778.5	5409135.2	5517.20020	260.73	47.69	48.835174	-86.934883	56186.21	56273	-22.96	56163.25	56169.86328	56133.88294	56140.51563	504778.5	5409135.2
L4780.0	504778.5	5409133.9	5517.29981	260.38	48.11	48.835162	-86.934883	56185.66	56273	-22.97	56162.69	56169.33594	56134.24266	56140.85938	504778.5	5409133.9
L4780.0	504778.5	5409132.0	5517.39990	253.01	44.75	48.835146	-86.934883	56186.11	56273	-22.98	56163.14	56169.82031	56134.66064	56141.26172	504778.5	5409132.0
L4780.0	504778.5	5409132.0	5517.50000	253.03	44.75	48.835146	-86.934883	56186.61	56273	-22.99	56163.62	56170.33203	56135.06081	56141.64844	504778.5	5409132.0
L4780.0	504778.5	5409130.6	5517.60010	261.75	39.94	48.835133	-86.934884	56187.46	56273	-22.99	56164.47	56171.21484	56135.47347	56142.04688	504778.5	5409130.6
L4780.0	504778.5	5409129.4	5517.70020	261.60	39.94	48.835122	-86.934884	56188.11	56273	-23.00	56165.11	56171.88672	56135.85367	56142.41016	504778.5	5409129.4
L4780.0	504778.5	5409127.9	5517.79981	262.74	40.53	48.835109	-86.934884	56189.12	56273	-23.01	56166.12	56172.92969	56136.24849	56142.78906	504778.5	5409127.9
L4780.0	504778.5	5409126.7	5517.89990	263.37	40.53	48.835098	-86.934884	56189.02	56273	-23.01	56166.01	56172.85156	56136.54458	56143.07031	504778.5	5409126.7
L4780.0	504778.5	5409125.0	5518.00000	262.56	40.27	48.835083	-86.934884	56188.82	56273	-23.02	56165.80	56172.67188	56136.82635	56143.33594	504778.5	5409125.0
L4780.0	504778.5	5409125.0	5518.10010	262.09	41	48.835083	-86.934884	56189.04	56273	-23.03	56166.00	56172.90234	56137.13343	56143.62500	504778.5	5409125.0
L4780.0	504778.5	5409123.6	5518.20020	263.34	42.7	48.835070	-86.934884	56189.71	56273	-23.04	56166.66	56173.58984	56137.47091	56143.94531	504778.5	5409123.6
L4780.0	504778.5	5409122.2	5518.29981	261.22	42.7	48.835057	-86.934884	56190.76	56273.1	-23.06	56167.70	56174.66016	56137.83323	56144.29297	504778.5	5409122.2
L4780.0	504778.5	5409122.2	5518.39990	255.92	45.46	48.835057	-86.934884	56190.06	56273.1	-23.07	56166.99	56173.98047	56138.07800	56144.51953	504778.5	5409122.2
L4780.0	504778.5	5409120.1	5518.50000	256.40	45.46	48.835038	-86.934884	56190.25	56273.1	-23.08	56167.17	56174.19141	56138.38172	56144.80469	504778.5	5409120.1
L4780.0	504778.5	5409118.8	5518.60010	264.37	43.02	48.835026	-86.934884	56190.73	56273.1	-23.09	56167.64	56174.69141	56138.70232	56145.10938	504778.5	5409118.8
L4780.0	504778.5	5409117.3	5518.70020	263.92	44.04	48.835014	-86.934884	56192.11	56273.1	-23.10	56169.00	56176.07813	56139.07442	56145.46094	504778.5	5409117.3
L4780.0	504778.5	5409115.9	5518.79981	263.62	44.04	48.835001	-86.934884	56192.16	56273.1	-23.12	56169.04	56176.14844	56139.36764	56145.73828	504778.5	5409115.9
L4780.0	504778.5	5409114.4	5518.89990	264.43	44.27	48.834988	-86.934884	56191.27	56273.1	-23.13	56168.14	56175.27734	56139.61149	56145.96484	504778.5	5409114.4
L4780.0	504778.5	5409114.4	5519.00000	264.81	44.27	48.834988	-86.934884	56192.48	56273.1	-23.14	56169.34	56176.50391	56139.97539	56146.30859	504778.5	5409114.4
L4780.0	504778.5	5409112.5	5519.10010	262.84	38.61	48.834970	-86.934884	56193.36	56273.1	-23.15	56170.21	56177.40234	56140.32280	56146.63672	504778.5	5409112.5
L4780.0	504778.5	5409111.1	5519.20020	257.60	38.61	48.834957	-86.934884	56193.90	56273.2	-23.16	56170.74	56177.96094	56140.65333	56146.94922	504778.5	5409111.1
L4780.0	504778.5	5409109.8	5519.29981	258.46	44.48	48.834946	-86.934884	56194.48	56273.2	-23.16	56171.32	56178.56641	56140.98610	56147.26172	504778.5	5409109.8
L4780.0	504778.5	5409109.8	5519.39990	262.48	44.76	48.834946	-86.934884	56195.45	56273.2	-23.17	56172.27	56179.54297	56141.33489	56147.58984	504778.5	5409109.8
L4780.0	504778.5	5409108.4	5519.50000	261.11	44.76	48.834933	-86.934884	56194.96	56273.2	-23.18	56171.78	56179.08203	56141.60979	56147.84766	504778.5	5409108.4
L4780.0	504778.5	5409106.9	5519.60010	261.96	47.19	48.834920	-86.934884	56194.95	56273.2	-23.19	56171.76	56179.08594	56141.90409	56148.12109	504778.5	5409106.9
L4780.0	504778.5	5409105.6	5519.70020	261.81	48.32	48.834908	-86.934883	56196.01	56273.2	-23.20	56172.81	56180.16406	56142.24246	56148.43750	504778.5	5409105.6
L4780.0	504778.5	5409104.2	5519.79981	264.47	45.29	48.834895	-86.934883	56197.26	56273.2	-23.20	56174.06	56181.43750	56142.58050	56148.75391	504778.5	5409104.2
L4780.0	504778.5	5409104.2	5519.89990	265.75	45.29	48.834895	-86.934883	56196.96	56273.2	-23.21	56173.75	56181.15625	56142.84055	56148.99609	504778.5	5409104.2
L4780.0	504778.5	5409102.9	5520.00000	258.05	45.16	48.834883	-86.934883	56196.73	56273.2	-23.22	56173.51	56180.94141	56143.09349	56149.22656	504778.5	5409102.9
L4780.0	504778.6	5409101.1	5520.10010	255.90	38.51	48.834867	-86.934883	56198.48	56273.2	-23.23	56175.25	56182.70313	56143.41129	56149.52344	504778.6	5409101.1
L4780.0	504778.6	5409099.5	5520.20020	256.16	38.51	48.834853	-86.934883	56198.50	56273.2	-23.24	56175.25	56182.73047	56143.64092	56149.73047	504778.6	5409099.5
L4780.0	504778.6	5409099.5	5520.29981	263.24	46.74	48.834853	-86.934883	56198.59	56273.3	-23.25	56175.33	56182.83203	56143.85567	56149.92188	504778.6	5409099.5
L4780.0	504778.6	5409098.1	5520.39990	261.54	48.29	48.834840	-86.934882	56199.74	56273.3	-23.26	56176.48	56184.00781	56144.08178	56150.12500	504778.6	5409098.1
L4780.0	504778.6	5409096.8	5520.50000	261.64	48.29	48.834829	-86.934882	56200.63	56273.3	-23.28	56177.36	56184.91016	56144.26852	56150.28516	504778.6	5409096.8
L4780.0	504778.6	5409095.3	5520.60010	260.31	48.3	48.834815	-86.934882	56200.62	56273.3	-23.29	56177.33	56184.90234	56144.40431	56150.39844	504778.6	5409095.3
L4780.0	504778.6	5409094.0	5520.70020	260.61	42.11	48.834804	-86.934882	56200.45	56273.3	-23.30	56177.16	56184.75781	56144.51486	56150.48438	504778.6	5409094.0
L4780.0	504778.6	5409094.0	5520.79981	260.82	42.11	48.834804	-86.934882	56201.09	56273.3	-23.31	56177.78	56185.39844	56144.61407	56150.55859	504778.6	5409094.0
L4780.0	504778.7	5409092.3	5520.89990	262.04	46.97	48.834788	-86.934882	56201.89	56273.3	-23.32	56178.57	56186.21094	56144.68745	56150.60547	504778.7	5409092.3
L4780.0	504778.7	5409090.9	5521.00000	262.25	46.88	48.834776	-86.934881	56202.28	56273.3	-23.33	56178.95	56186.61328	56144.73589	56150.62891	504778.7	5409090.9
L4780.0	504778.7	5409089.4	5521.10010	263.12	46.88	48.834762	-86.934881	56202.87	56273.3	-23.34	56179.53	56187.21484	56144.75996	56150.62891	504778.7	5409089.4
L4780.0	504778.7	5409087.9	5521.20020	255.37	45.32	48.834749	-86.934881	56202.82	56273.4	-23.35	56179.47	56187.17578	56144.78378	56150.62500	504778.7	5409087.9
L4780.0	504778.7	5409087.9	5521.29981	255.93	45.32	48.834749	-86.934881	56203.38	56273.4	-23.36	56180.01	56187.73438	56144.79356	56150.60547	504778.7	5409087.9
L4780.0	504778.7	5409086.2	5521.39990	263.89	42.27	48.834734	-86.934881	56203.87	56273.4	-23.37	56180.50	56188.24609	56144.80529	56150.58984	504778.7	5409086.2
L4780.0	504778.7	5409084.6	5521.50000	256.04	42.27	48.834719	-86.934881	56204.57	56273.4	-23.39	56181.18	56188.94531	56144.81844	56150.57422	504778.7	5409084.6
L4780.0	504778.7	5409084.6	5521.60010	254.35	40.15	48.834719	-86.934881	56204.98	56273.4	-23.40	56181.59	56189.37500	56144.86371	56150.59375	504778.7	5409084.6
L4780.0	504778.7	5409082.3	5521.70020	262.72	40.15	48.834698	-86.934881	56205.36	56273.4	-23.41	56181.95	56189.75000	56144.94584	56150.64453	504778.7	5409082.3
L4780.0	504778.7	5409080.9	5521.79981	263.34	42.53	48.834686	-86.934881	56206.07	56273.4	-23.42	56182.65	56190.46875	56145.04887	56150.71875	504778.7	5409080.9
L4780.0	504778.7	5409079.2	5521.89990	264.09	42.53	48.834671	-86.934881	56206.30	56273.4	-23.43	56182.87	56190.70703	56145.22673	56150.86719	504778.7	5409079.2
L4780.0	504778.7	5409078.0	5522.00000	263.04	45.75	48.834660	-86.934881	56206.59	56273.4	-23.44	56183.15	56191.00391	56145.44974	56151.05859	504778.7	5409078.0
L4780.0	504778.7	5409078.0	5522.10010	252.39	45.75	48.834660	-86.934881	56206.98	56273.5	-23.45	56183.53	56191.39844	56145.71698	56151.29297	504778.7	5409078.0
L4780.0	504778.7	5409076.3	5522.20020	252.22	42.79	48.834645	-86.934882	56207.56	56273.5	-23.46	56184.10	56191.98438	56146.01913	56151.56641	504778.7	5409076.3
L4780.0	504778.7	5409075.1	5522.29981	254.97	45.48	48.834634	-86.934882	56207.49	56273.5	-23.47	56184.02	56191.92188	56146.40515	56151.91797	504778.7	5409075.1
L4780.0	504778.6	5409073.7	5522.39990	255.95	45.48	48.834621	-86.934882	56207.68	56273.5	-23.48	56184.20	56192.11328	56146.81128	56152.29297	504778.6	5409073.7
L4780.0	504778.6	5409072.2	5522.50000	254.54	45.92	48.834608	-86.934882	56207.56	56273.5	-23.49	56184.06	56191.98828	56147.26491	56152.71094	504778.6	5409072.2
L4780.0	504778.6	5409072.2	5522.60010	256.13	46.21	48.834608	-86.934882	56207.67	56273.5	-23.50	56184.17	56192.11328	56147.72762	56153.14063	504778.6	5409072.2
L4780.0	504778.6	5409070.6	5522.70020	257.43	46.21	48.834593	-86.934883	56207.50	56273.5	-23.51	56183.99	56191.94531	56148.21812	56153.59766	504778.6	5409070.6
L4780.0	504778.6	5409070.6	5522.79981	257.19	46.21	48.834593	-86.934883	56207.52	56273.5	-23.52	56184.00	56191.96484	56148.70954	56154.05469	504778.6	5409070.6
L4780.0	504778.6	5409067.4	5522.89990	264.33	45.17	48.834565	-86.934883	56208.16	56273.5	-23.53	56184.63	56192.60938	56149.18999	56154.50000	504778.6	5409067.4
L4780.0	504778.6	5409067.4	5523.00000	264.20	44.92	48.834565	-86.934883	56208.90	56273.5	-23.54	56185.36	56193.34766	56149.67451	56154.94531	504778.6	5409067.4
L4780.0	504778.5	5409066.1	5523.10010	263.67	44.71	48.834553	-86.934884	56208.80	56273.5	-23.55	56185.25	56193.24609	56150.16804	56155.40234	504778.5	5409066.1
L4780.0	504778.5	5409064.3	5523.20020	262.72	44.71	48.834537	-86.934884	56208.16	56273.6	-23.55	56184.61	56192.61719	56150.64529	56155.84375	504778.5	5409064.3
L4780.0	504778.5	5409064.3	5523.29981	263.73	42.83	48.834537	-86.934884	56208.37	56273.6	-23.56	56184.81	56192.82422	56151.09630	56156.25781	504778.5	5409064.3
L4780.0	504778.5	5409062.6	5523.39990	263.12	42.83	48.834522	-86.934884	56208.88	56273.6	-23.57	56185.31	56193.33203	56151.52611	56156.64844	504778.5	5409062.6
L4780.0	504778.5	5409061.1	5523.50000	263.55	42.79	48.834508	-86.934884	56208.72	56273.6	-23.57	56185.15	56193.17969	56151.91613	56157.00000	504778.5	5409061.1
L4780.0	504778.5	5409059.8	5523.60010	261.24	42.79	48.834496	-86.934884	56209.06	56273.6	-23.58	56185.47	56193.50391	56152.27608	56157.32031	504778.5	5409059.8
L4780.0	504778.5	5409058.3	5523.70020	261.43	44.16	48.834483	-86.934885	56210.46	56273.6	-23.59	56186.87	56194.91016	56152.62370	56157.62891	504778.5	5409058.3
L4780.0	504778.5	5409056.7	5523.79981	263.12	44.16	48.834468	-86.934885	56209.46	56273.6	-23.60	56185.86	56193.90625	56152.87994	56157.84375	504778.5	5409056.7
L4780.0	504778.5	5409056.7	5523.89990	262.42	43.96	48.834468	-86.934885	56210.08	56273.6	-23.60	56186.48	56194.52734	56153.14350	56158.07031	504778.5	5409056.7

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4780.0	504778.4	5409055.2	5524.00000	261.28	43.42	48.834455	-86.934885	56210.20	56273.6	-23.61	56186.59	56194.64063	56153.36224	56158.24609	504778.4	5409055.2
L4780.0	504778.4	5409053.8	5524.10010	261.44	43.42	48.834442	-86.934885	56208.68	56273.6	-23.62	56185.05	56193.10156	56153.50605	56158.34766	504778.4	5409053.8
L4780.0	504778.4	5409053.8	5524.20020	261.01	42.59	48.834442	-86.934885	56210.56	56273.6	-23.63	56186.93	56194.98438	56153.72522	56158.52734	504778.4	5409053.8
L4780.0	504778.4	5409052.1	5524.29981	262.06	42.59	48.834427	-86.934885	56210.09	56273.6	-23.65	56186.45	56194.50391	56153.86630	56158.62500	504778.4	5409052.1
L4780.0	504778.4	5409050.9	5524.39990	255.57	43.63	48.834416	-86.934885	56209.98	56273.7	-23.66	56186.32	56194.37109	56154.00570	56158.72266	504778.4	5409050.9
L4780.0	504778.4	5409050.9	5524.50000	254.99	46.14	48.834416	-86.934885	56211.02	56273.7	-23.67	56187.35	56195.39844	56154.16441	56158.83594	504778.4	5409050.9
L4780.0	504778.4	5409048.7	5524.60010	254.65	46.14	48.834396	-86.934885	56211.45	56273.7	-23.68	56187.77	56195.81641	56154.30123	56158.92969	504778.4	5409048.7
L4780.0	504778.4	5409047.7	5524.70020	253.51	45.12	48.834387	-86.934885	56210.18	56273.7	-23.69	56186.48	56194.52344	56154.40241	56158.98828	504778.4	5409047.7
L4780.0	504778.4	5409046.1	5524.79981	259.12	42.91	48.834373	-86.934885	56210.74	56273.7	-23.71	56187.04	56195.07813	56154.54376	56159.08203	504778.4	5409046.1
L4780.0	504778.4	5409044.6	5524.89990	260.76	42.91	48.834359	-86.934885	56211.33	56273.7	-23.72	56187.61	56195.64063	56154.68714	56159.18359	504778.4	5409044.6
L4780.0	504778.4	5409044.6	5525.00000	259.82	37.61	48.834359	-86.934885	56211.40	56273.7	-23.73	56187.67	56195.69531	56154.82464	56159.27344	504778.4	5409044.6
L4780.0	504778.4	5409042.9	5525.10010	261.09	37.61	48.834344	-86.934885	56211.56	56273.7	-23.74	56187.82	56195.83984	56154.96887	56159.37500	504778.4	5409042.9
L4780.0	504778.4	5409041.2	5525.20020	262.91	38.23	48.834328	-86.934885	56210.92	56273.7	-23.75	56187.17	56195.17969	56155.10541	56159.46484	504778.4	5409041.2
L4780.0	504778.4	5409041.2	5525.29981	264.51	38.23	48.834328	-86.934885	56211.66	56273.8	-23.75	56187.91	56195.91016	56155.26504	56159.57813	504778.4	5409041.2
L4780.0	504778.4	5409039.3	5525.39990	263.40	46.72	48.834311	-86.934885	56212.17	56273.8	-23.76	56188.41	56196.39844	56155.42220	56159.68750	504778.4	5409039.3
L4780.0	504778.4	5409037.8	5525.50000	264.18	48.24	48.834298	-86.934886	56211.78	56273.8	-23.77	56188.01	56195.98828	56155.56806	56159.78906	504778.4	5409037.8
L4780.0	504778.4	5409036.6	5525.60010	254.86	48.24	48.834287	-86.934886	56212.82	56273.8	-23.78	56189.04	56197.00391	56155.73559	56159.91016	504778.4	5409036.6
L4780.0	504778.4	5409035.2	5525.70020	254.76	48.5	48.834274	-86.934886	56212.55	56273.8	-23.79	56188.76	56196.71094	56155.89060	56160.01953	504778.4	5409035.2
L4780.0	504778.4	5409035.2	5525.79981	265.14	50	48.834274	-86.934886	56212.27	56273.8	-23.79	56188.47	56196.40625	56156.05161	56160.13281	504778.4	5409035.2
L4780.0	504778.4	5409033.6	5525.89990	263.74	50	48.834260	-86.934886	56212.99	56273.8	-23.80	56189.19	56197.10938	56156.23319	56160.26563	504778.4	5409033.6
L4780.0	504778.3	5409031.9	5526.00000	262.32	50.04	48.834245	-86.934887	56213.52	56273.8	-23.81	56189.71	56197.61328	56156.42300	56160.41016	504778.3	5409031.9
L4780.0	504778.3	5409030.4	5526.10010	259.17	50.04	48.834231	-86.934887	56212.89	56273.8	-23.82	56189.07	56196.95313	56156.60920	56160.54688	504778.3	5409030.4
L4780.0	504778.3	5409028.8	5526.20020	260.04	50.17	48.834217	-86.934887	56212.80	56273.8	-23.83	56188.97	56196.83594	56156.81712	56160.70703	504778.3	5409028.8
L4780.0	504778.3	5409028.8	5526.29981	261.04	49.91	48.834217	-86.934887	56213.55	56273.8	-23.84	56189.71	56197.55469	56157.05683	56160.89844	504778.3	5409028.8
L4780.0	504778.3	5409027.4	5526.39990	253.17	49.91	48.834205	-86.934887	56213.27	56273.8	-23.85	56189.42	56197.24219	56157.29731	56161.09375	504778.3	5409027.4
L4780.0	504778.3	5409026.2	5526.50000	253.56	49.88	48.834194	-86.934888	56214.14	56273.9	-23.86	56190.28	56198.08203	56157.58673	56161.33594	504778.3	5409026.2
L4780.0	504778.3	5409024.7	5526.60010	261.12	49.88	48.834180	-86.934888	56214.52	56273.9	-23.87	56190.65	56198.42578	56157.89208	56161.59375	504778.3	5409024.7
L4780.0	504778.3	5409023.3	5526.70020	260.55	47.77	48.834168	-86.934888	56213.64	56273.9	-23.88	56189.76	56197.51172	56158.18143	56161.83203	504778.3	5409023.3
L4780.0	504778.3	5409021.8	5526.79981	262.06	49.19	48.834155	-86.934888	56214.01	56273.9	-23.89	56190.12	56197.84766	56158.53884	56162.14453	504778.3	5409021.8
L4780.0	504778.3	5409021.8	5526.89990	253.04	49.19	48.834155	-86.934888	56215.49	56273.9	-23.90	56191.59	56199.28906	56158.98124	56162.53906	504778.3	5409021.8
L4780.0	504778.3	5409019.8	5527.00000	251.67	49.04	48.834136	-86.934888	56215.99	56273.9	-23.91	56192.08	56199.75391	56159.41830	56162.92969	504778.3	5409019.8
L4780.0	504778.3	5409018.5	5527.10010	262.25	49.04	48.834124	-86.934888	56216.03	56273.9	-23.92	56192.11	56199.75391	56159.86081	56163.32422	504778.3	5409018.5
L4780.0	504778.3	5409018.5	5527.20020	253.97	49.6	48.834124	-86.934888	56215.38	56273.9	-23.92	56191.45	56199.06250	56160.27720	56163.69141	504778.3	5409018.5
L4780.0	504778.3	5409017.0	5527.29981	253.17	45.42	48.834111	-86.934888	56215.15	56273.9	-23.93	56191.22	56198.80469	56160.73584	56164.10547	504778.3	5409017.0
L4780.0	504778.3	5409015.2	5527.39990	262.87	45.42	48.834094	-86.934888	56215.93	56273.9	-23.94	56191.99	56199.54297	56161.29778	56164.62109	504778.3	5409015.2
L4780.0	504778.3	5409015.2	5527.50000	264.35	41.66	48.834094	-86.934888	56216.89	56273.9	-23.95	56192.95	56200.46875	56161.89858	56165.17578	504778.3	5409015.2
L4780.0	504778.3	5409013.8	5527.60010	265.44	45.68	48.834082	-86.934888	56217.76	56274	-23.95	56193.81	56201.29297	56162.49807	56165.72656	504778.3	5409013.8
L4780.0	504778.3	5409012.0	5527.70020	268.29	45.68	48.834066	-86.934888	56218.28	56274	-23.96	56194.32	56201.76953	56163.04838	56166.23438	504778.3	5409012.0
L4780.0	504778.3	5409010.6	5527.79981	265.42	37.84	48.834053	-86.934888	56218.98	56274	-23.97	56195.01	56202.42188	56163.60059	56166.73828	504778.3	5409010.6
L4780.0	504778.3	5409009.2	5527.89990	267.43	49.21	48.834041	-86.934888	56218.73	56274	-23.97	56194.76	56202.13672	56163.98633	56167.08203	504778.3	5409009.2
L4780.0	504778.3	5409009.2	5528.00000	269.08	49.21	48.834041	-86.934888	56218.16	56274	-23.98	56194.18	56201.51953	56164.26921	56167.32031	504778.3	5409009.2
L4780.0	504778.3	5409006.1	5528.10010	266.88	48.82	48.834013	-86.934888	56218.94	56274	-23.99	56194.95	56202.25000	56164.70960	56167.71484	504778.3	5409006.1
L4780.0	504778.3	5409006.1	5528.20020	267.59	48.82	48.834013	-86.934888	56219.85	56274	-24.00	56195.85	56203.10938	56165.11827	56168.08203	504778.3	5409006.1
L4780.0	504778.3	5409004.2	5528.29981	268.08	48.82	48.833996	-86.934888	56221.13	56274	-24.01	56197.12	56204.33984	56165.52722	56168.44531	504778.3	5409004.2
L4780.0	504778.3	5409002.8	5528.39990	267.54	45.33	48.833983	-86.934888	56221.30	56274	-24.02	56197.28	56204.45703	56165.67447	56168.55078	504778.3	5409002.8
L4780.0	504778.3	5409002.8	5528.50000	269.02	45.33	48.833983	-86.934888	56219.80	56274	-24.03	56195.78	56202.91406	56165.45936	56168.29297	504778.3	5409002.8
L4780.0	504778.3	5409001.3	5528.60010	268.96	41.84	48.833970	-86.934888	56222.07	56274	-24.03	56198.04	56205.12891	56165.80330	56168.59766	504778.3	5409001.3
L4780.0	504778.3	5408999.9	5528.70020	267.12	41.84	48.833957	-86.934888	56222.56	56274	-24.04	56198.52	56205.56641	56165.76492	56168.51563	504778.3	5408999.9
L4780.0	504778.3	5408998.1	5528.79981	266.58	45.36	48.833941	-86.934888	56223.20	56274.1	-24.05	56199.14	56206.14063	56165.67012	56168.38281	504778.3	5408998.1
L4780.0	504778.3	5408998.1	5528.89990	268.41	47.72	48.833941	-86.934888	56225.01	56274.1	-24.06	56200.95	56207.90625	56165.67348	56168.34766	504778.3	5408998.1
L4780.0	504778.3	5408996.8	5529.00000	268.69	46.42	48.833929	-86.934888	56226.00	56274.1	-24.07	56201.93	56208.83594	56165.46658	56168.10156	504778.3	5408996.8
L4780.0	504778.3	5408995.1	5529.10010	267.61	46.42	48.833914	-86.934888	56225.32	56274.1	-24.08	56201.24	56208.10156	56164.96923	56167.56641	504778.3	5408995.1
L4780.0	504778.3	5408993.7	5529.20020	265.13	47.72	48.833901	-86.934888	56226.61	56274.1	-24.09	56202.53	56209.33984	56164.66730	56167.22656	504778.3	5408993.7
L4780.0	504778.3	5408993.7	5529.29981	266.09	47.72	48.833901	-86.934888	56227.30	56274.1	-24.09	56203.20	56209.96094	56164.23100	56166.75391	504778.3	5408993.7
L4780.0	504778.3	5408992.0	5529.39990	266.96	48.98	48.833886	-86.934888	56227.36	56274.1	-24.10	56203.26	56209.97266	56163.69438	56166.17969	504778.3	5408992.0
L4780.0	504778.3	5408990.4	5529.50000	253.50	48.98	48.833871	-86.934887	56227.78	56274.1	-24.11	56203.67	56210.33203	56163.16712	56165.61719	504778.3	5408990.4
L4780.0	504778.3	5408990.4	5529.60010	252.69	46.81	48.833871	-86.934887	56228.68	56274.1	-24.12	56204.56	56211.16797	56162.65571	56165.07031	504778.3	5408990.4
L4780.0	504778.3	5408988.7	5529.70020	265.51	46.81	48.833856	-86.934887	56230.02	56274.1	-24.13	56205.89	56212.44922	56162.15087	56164.53516	504778.3	5408988.7
L4780.0	504778.3	5408987.2	5529.79981	264.46	45.35	48.833843	-86.934887	56231.14	56274.1	-24.13	56207.00	56213.50391	56161.62520	56163.97656	504778.3	5408987.2
L4780.0	504778.3	5408985.5	5529.89990	264.83	47.74	48.833828	-86.934887	56232.48	56274.1	-24.14	56208.33	56214.78125	56161.10978	56163.42969	504778.3	5408985.5
L4780.0	504778.3	5408983.6	5530.00000	264.30	47.74	48.833810	-86.934887	56232.74	56274.2	-24.15	56208.59	56214.98828	56160.58917	56162.87891	504778.3	5408983.6
L4780.0	504778.3	5408983.6	5530.10010	252.41	47.7	48.833810	-86.934887	56232.68	56274.2	-24.16	56208.52	56214.86328	56160.09315	56162.35156	504778.3	5408983.6
L4780.0	504778.3	5408982.0	5530.20020	252.58	47.7	48.833796	-86.934888	56233.96	56274.2	-24.17	56209.79	56216.07813	56159.62319	56161.85547	504778.3	5408982.0
L4780.0	504778.3	5408980.5	5530.29981	252.59	45.08	48.833783	-86.934888	56234.86	56274.2	-24.18	56210.67	56216.90234	56159.16983	56161.37500	504778.3	5408980.5
L4780.0	504778.3	5408980.5	5530.39990	255.70	46.79	48.833783	-86.934888	56235.67	56274.2	-24.19	56211.47	56217.64844	56158.74078	56160.91797	504778.3	5408980.5
L4780.0	504778.3	5408978.6	5530.50000	256.49	46.79	48.833766	-86.934888	56236.54	56274.2	-24.21	56212.34	56218.46094	56158.33212	56160.48438	504778.3	5408978.6
L4780.0	504778.3	5408977.5	5530.60010	264.66	48.07	48.833756	-86.934888	56236.85	56274.2	-24.22	56212.63	56218.69141	56157.96541	56160.09375	504778.3	5408977.5
L4780.0	504778.3	5408976.0	5530.70020	256.93	48.07	48.833743	-86.934888	56238.22	56274.2	-24.23	56214.00	56220.00781	56157.59691	56159.69922	504778.3	5408976.0
L4780.0	504778.3	5408976.0	5530.79981	257.73	44.07	48.833743	-86.934888	56238.11	56274.2	-24.24	56213.87	56219.81641	56157.31239	56159.39453	504778.3	5408976.0
L4780.0	504778.3	5408974.0	5530.89990	262.74	44.07	48.833724	-86.934888	56238.09	56274.2	-24.25	56213.84	56219.73047	56157.06527	56159.12500	504778.3	5408974.0
L4780.0	504778.3	5408972.3	5531.00000	257.17	39.09	48.833709	-86.934888	56239.68	56274.3	-24.26	56215.42	56221.25000	56156.79557	56158.83594	504778.3	5408972.3
L4780.0	504778.3	5408970.9	5531.10010	258.92	39.09	48.833697	-86.934888	56240.47	56274.3	-24.27	56216.20	56221.97266	56156.59573	56158.61719	504778.3	5408970.9
L4780.0	504778.3	5408970.9	5531.20020	257.76	47.33	48.833697	-86.934888	56241.40	56274.3	-24.28	56217.12	56222.83594	56156.42796	56158.43359	504778.3	5408970.9
L4780.0	504778.3	5408969.1	5531.29981	256.28	48.28	48.833681	-86.934888	56242.25	56274.3	-24.29	56217.96	56223.61328	56156.29848	56158.28516	504778.3	5408969.1
L4780.0	504778.3	5408967.8	5531.39990	265.01	48.28	48.833668	-86.934888	56242.41	56274.3	-24.30	56218.11	56223.70703	56156.22636	56158.19922	504778.3	5408967.8
L4780.0	504778.3	5408966.3	5531.50000	264.11	48.12	48.833655	-86.934889	56243.05	56274.3	-24.31	56218.74	56224.27734	56156.16884	56158.12891	504778.3	5408966.3
L4780.0	504778.3	5408966.3	5531.60010	254.46	48.12	48.833655	-86.934889	56242.64	56274.3	-24.32	56218.32	56223.79688	56156.16990	56158.11719	504778.3	5408966.3
L4780.0	504778.3	5408964.9	5531.70020	255.02	48.35	48.833642	-86.934889	56243.56	56274.3	-24.33	56219.23	56224.64844	56156.15825	56158.09375	504778.3	5408964.9
L4780.0	504778.3	5408963.2	5531.79981	253.62	48.35	48.833627	-86.934889	56243.71	56274.3	-24.34	56219.37	56224.72656	56156.18188	56158.10547	504778.3	5408963.2
L4780.0	504778.3	5408963.2	5531.89990	253.95	48.32	48.833627	-86.934889	56244.16	56274.3	-24.35	56219.81	56225.10547	56156.21226	56158.12891	504778.3	5408963.2
L4780.0	504778.3	5408961.6	5532.00000	255.39	48.32	48.833613	-86.934889	56244.66	56274.4	-24.36	56220.30	56225.53516	56156.25099	56158.15625	504778.3	5408961.6
L4780.0	504778.2	5408960.6	5532.10010	254.66	47.88	48.833604	-86.934889	56244.27	56274.4	-24.36	56219.90	56225.07813	56156.29041	56158.19141	504778.2	5408960.6
L4780.0	504778.2	5408959.1	5532.20020	264.06	48.51	48.833590	-86.934889	56245.40	56274.4	-24.37	56221.03	56226.14844	56156.33153	56158.22656	504778.2	5408959.1
L4780.0	504778.2	5408957.7	5532.29981	264.34	48.51	48.833577	-86.934889	56245.04	56274.4	-24.38	56220.67	56225.72656	56156.35369	56158.24609	504778.2	5408957.7
L4780.0	504778.2	5408956.3	5532.39990	262.09	45.01	48.833565	-86.934889	56244.65	56274.4	-24.38	56220.27	56225.26563	56156.35396	56158.24219	504778.2	5408956.3
L4780.0	504778.2	5408956.3	5532.50000	264.61	45.8	48.833565	-86.934889	56244.38	56274.4	-24.39	56219.99	56224.92578	56156.33386	56158.21875	504778.2	5408956.3
L4780.0	504778.2	5408954.6	5532.60010	251.19	45.8	48.833550	-86.934889	56244.63	56274.4	-24.39	56220.24	56225.11719	56156.30920	56158.19531	504778.2	5408954.6
L4780.0	504778.2	5408953.1	5532.70020	252.24	47.53	48.833536	-86.934889	56243.28	56274.4	-24.40	56218.88	56223.69922	56156.20082	56158.08594	504778.2	5408953.1
L4780.0	504778.2	5408951.2	5532.79981	265.16	47.53	48.833519	-86.934890	56243.70	56274.4	-24.40	56219.29	56224.05078	56156.13390	56158.02344	504778.2	5408951.2
L4780.0	504778.2	5408951.2	5532.89990	264.40	47.84	48.833519	-86.934890	56243.56	56274.4	-24.41	56219.15	56223.85156	56156.01764	56157.91016	504778.2	5408951.2
L4780.0	504778.2	5408949.4	5533.00000	265.42	47.67	48.833503	-86.934890	56243.58	56274.4	-24.41	56219.17	56223.81250	56155.87866	56157.77344	504778.2	5408949.4
L4780.0	504778.2	5408948.4	5533.10010	265.30	47.67	48.833494	-86.934890	56243.56	56274.4	-24.42	56219.14	56223.72266	56155.68399	56157.58594	504778.2	5408948.4
L4780.0	504778.2	5408946.8	5533.20020	257.33	44.86	48.833480	-86.934890	56244.41	56274.4	-24.43	56219.98	56224.50391	56155.48372	56157.39063	504778.2	5408946.8

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4780.0	504778.2	5408945.9	5533.29981	258.55	45.18	48.833471	-86.934890	56242.67	56274.4	-24.44	56218.23	56222.69531	56155.03734	56156.95313	504778.2	5408945.9
L4780.0	504778.2	5408944.6	5533.39990	265.70	45.18	48.833459	-86.934890	56241.72	56274.4	-24.45	56217.27	56221.67969	56154.57159	56156.49609	504778.2	5408944.6
L4780.0	504778.2	5408943.0	5533.50000	263.32	44.08	48.833445	-86.934890	56241.24	56274.5	-24.46	56216.79	56221.14063	56154.06667	56156.00391	504778.2	5408943.0
L4780.0	504778.2	5408943.0	5533.60010	263.35	41.86	48.833445	-86.934890	56239.81	56274.5	-24.46	56215.35	56219.64453	56153.41560	56155.36328	504778.2	5408943.0
L4780.0	504778.2	5408941.5	5533.70020	263.12	41.86	48.833431	-86.934890	56239.37	56274.5	-24.47	56214.89	56219.12891	56152.77730	56154.73828	504778.2	5408941.5
L4780.0	504778.2	5408940.1	5533.79981	263.92	38.42	48.833419	-86.934890	56238.28	56274.5	-24.48	56213.80	56217.98047	56152.03113	56154.00391	504778.2	5408940.1
L4780.0	504778.2	5408938.6	5533.89990	262.26	40.26	48.833405	-86.934890	56236.57	56274.5	-24.49	56212.07	56216.19531	56151.18089	56153.16797	504778.2	5408938.6
L4780.0	504778.2	5408938.6	5534.00000	263.52	44.46	48.833405	-86.934890	56235.64	56274.5	-24.50	56211.14	56215.21094	56150.34866	56152.35547	504778.2	5408938.6
L4780.0	504778.2	5408936.0	5534.10010	261.57	44.46	48.833382	-86.934890	56234.65	56274.5	-24.51	56210.14	56214.15625	56149.47029	56151.49219	504778.2	5408936.0
L4780.0	504778.2	5408936.0	5534.20020	254.36	43.51	48.833382	-86.934890	56232.31	56274.5	-24.52	56207.78	56211.74219	56148.44734	56150.48828	504778.2	5408936.0
L4780.0	504778.2	5408934.6	5534.29981	253.95	41.37	48.833369	-86.934890	56230.52	56274.5	-24.53	56205.99	56209.89844	56147.43782	56149.49609	504778.2	5408934.6
L4780.0	504778.2	5408933.1	5534.39990	261.62	37.15	48.833356	-86.934890	56230.08	56274.5	-24.54	56205.53	56209.38672	56146.50444	56148.58594	504778.2	5408933.1
L4780.0	504778.2	5408931.3	5534.50000	261.94	37.15	48.833340	-86.934889	56228.02	56274.6	-24.56	56203.46	56207.26172	56145.42250	56147.52344	504778.2	5408931.3
L4780.0	504778.2	5408931.3	5534.60010	260.90	44.42	48.833340	-86.934889	56225.77	56274.6	-24.57	56201.20	56204.94922	56144.30699	56146.42969	504778.2	5408931.3
L4780.0	504778.2	5408930.0	5534.70020	263.07	45.08	48.833328	-86.934889	56224.73	56274.6	-24.58	56200.15	56203.84766	56143.25985	56145.40625	504778.2	5408930.0
L4780.0	504778.2	5408928.7	5534.79981	265.05	45.08	48.833316	-86.934889	56222.76	56274.6	-24.59	56198.17	56201.82031	56142.11959	56144.28906	504778.2	5408928.7
L4780.0	504778.2	5408927.6	5534.89990	264.44	45.03	48.833307	-86.934889	56221.38	56274.6	-24.60	56196.78	56200.37891	56140.99828	56143.19531	504778.2	5408927.6
L4780.0	504778.3	5408926.1	5535.00000	263.75	38.55	48.833294	-86.934889	56219.39	56274.6	-24.61	56194.78	56198.32813	56139.81211	56142.03516	504778.3	5408926.1
L4780.0	504778.3	5408924.6	5535.10010	264.57	38.55	48.833280	-86.934889	56216.56	56274.6	-24.62	56191.94	56195.44141	56138.54864	56140.79688	504778.3	5408924.6
L4780.0	504778.3	5408924.6	5535.20020	262.50	41.87	48.833280	-86.934889	56215.07	56274.6	-24.62	56190.45	56193.90234	56137.36116	56139.63672	504778.3	5408924.6
L4780.0	504778.3	5408922.1	5535.29981	261.61	44.51	48.833257	-86.934889	56213.81	56274.6	-24.63	56189.18	56192.58594	56136.16965	56138.47266	504778.3	5408922.1
L4780.0	504778.3	5408922.1	5535.39990	261.50	44.51	48.833257	-86.934889	56210.58	56274.6	-24.63	56185.94	56189.29688	56134.83106	56137.16406	504778.3	5408922.1
L4780.0	504778.3	5408920.5	5535.50000	264.01	33.93	48.833242	-86.934888	56208.29	56274.6	-24.64	56183.65	56186.96094	56133.54491	56135.91016	504778.3	5408920.5
L4780.0	504778.3	5408918.9	5535.60010	263.10	35.39	48.833228	-86.934888	56205.66	56274.6	-24.65	56181.02	56184.28516	56132.22759	56134.62109	504778.3	5408918.9
L4780.0	504778.3	5408918.9	5535.70020	262.50	35.39	48.833228	-86.934888	56202.98	56274.7	-24.65	56178.32	56181.54297	56130.89832	56133.32422	504778.3	5408918.9
L4780.0	504778.3	5408917.2	5535.79981	262.34	40.87	48.833213	-86.934888	56199.56	56274.7	-24.66	56174.91	56178.08594	56129.51784	56131.97656	504778.3	5408917.2
L4780.0	504778.3	5408915.9	5535.89990	260.80	40.87	48.833201	-86.934888	56198.04	56274.7	-24.66	56173.38	56176.51563	56128.25176	56130.74219	504778.3	5408915.9
L4780.0	504778.3	5408914.4	5536.00000	262.05	40.53	48.833188	-86.934888	56194.64	56274.7	-24.67	56169.97	56173.06250	56126.86383	56129.38672	504778.3	5408914.4
L4780.0	504778.4	5408912.7	5536.10010	261.45	44.05	48.833172	-86.934888	56191.88	56274.7	-24.68	56167.20	56170.25000	56125.51167	56128.07031	504778.4	5408912.7
L4780.0	504778.4	5408911.4	5536.20020	254.79	44.05	48.833161	-86.934888	56190.24	56274.7	-24.69	56165.55	56168.55859	56124.22775	56126.82031	504778.4	5408911.4
L4780.0	504778.4	5408911.4	5536.29981	253.41	44.12	48.833161	-86.934888	56187.83	56274.7	-24.70	56163.13	56166.10156	56122.89276	56125.51953	504778.4	5408911.4
L4780.0	504778.4	5408909.7	5536.39990	260.72	42.1	48.833146	-86.934887	56185.22	56274.7	-24.71	56160.51	56163.44141	56121.54278	56124.20703	504778.4	5408909.7
L4780.0	504778.4	5408908.0	5536.50000	254.40	42.1	48.833131	-86.934887	56181.92	56274.7	-24.72	56157.20	56160.09375	56120.14400	56122.84375	504778.4	5408908.0
L4780.0	504778.4	5408908.0	5536.60010	254.18	43.86	48.833131	-86.934887	56179.43	56274.7	-24.73	56154.70	56157.55469	56118.79835	56121.53125	504778.4	5408908.0
L4780.0	504778.4	5408906.6	5536.70020	261.72	43.86	48.833118	-86.934887	56176.57	56274.7	-24.74	56151.83	56154.64844	56117.42499	56120.19531	504778.4	5408906.6
L4780.0	504778.5	5408905.1	5536.79981	263.08	44.24	48.833104	-86.934886	56173.51	56274.8	-24.75	56148.76	56151.54297	56116.03371	56118.83984	504778.5	5408905.1
L4780.0	504778.5	5408905.1	5536.89990	263.93	44.46	48.833104	-86.934886	56170.48	56274.8	-24.76	56145.72	56148.46875	56114.63967	56117.48438	504778.5	5408905.1
L4780.0	504778.5	5408903.4	5537.00000	266.64	44.92	48.833089	-86.934886	56168.05	56274.8	-24.77	56143.28	56145.99219	56113.29038	56116.17188	504778.5	5408903.4
L4780.0	504778.5	5408901.8	5537.10010	266.39	44.92	48.833075	-86.934886	56163.86	56274.8	-24.78	56139.08	56141.75781	56111.77603	56114.69531	504778.5	5408901.8
L4780.0	504778.5	5408900.6	5537.20020	265.10	44.92	48.833064	-86.934886	56160.88	56274.8	-24.79	56136.09	56138.73438	56110.35196	56113.30859	504778.5	5408900.6
L4780.0	504778.5	5408899.1	5537.29981	267.05	44.72	48.833051	-86.934886	56158.82	56274.8	-24.80	56134.02	56136.63281	56109.00362	56112.00000	504778.5	5408899.1
L4780.0	504778.5	5408897.5	5537.39990	264.33	45.15	48.833036	-86.934886	56155.06	56274.8	-24.81	56130.25	56132.83594	56107.45914	56110.49219	504778.5	5408897.5
L4780.0	504778.5	5408897.5	5537.50000	264.98	34.01	48.833036	-86.934886	56151.04	56274.8	-24.82	56126.22	56128.77344	56105.84849	56108.92188	504778.5	5408897.5
L4780.0	504778.5	5408896.1	5537.60010	265.63	34.01	48.833023	-86.934886	56148.92	56274.8	-24.83	56124.09	56126.61328	56104.42263	56107.53516	504778.5	5408896.1
L4780.0	504778.5	5408894.4	5537.70020	264.44	45.31	48.833008	-86.934886	56145.74	56274.8	-24.84	56120.90	56123.39453	56102.83856	56105.98828	504778.5	5408894.4
L4780.0	504778.5	5408893.0	5537.79981	262.37	45.31	48.832995	-86.934886	56142.20	56274.8	-24.85	56117.35	56119.82031	56101.17099	56104.35938	504778.5	5408893.0
L4780.0	504778.5	5408893.0	5537.89990	261.91	43.92	48.832995	-86.934886	56137.44	56274.9	-24.86	56112.58	56115.02344	56099.30410	56102.53125	504778.5	5408893.0
L4780.0	504778.5	5408891.3	5538.00000	262.92	45.07	48.832980	-86.934886	56134.13	56274.9	-24.87	56109.26	56111.67578	56097.59635	56100.86328	504778.5	5408891.3
L4780.0	504778.5	5408889.6	5538.10010	265.13	45.07	48.832965	-86.934886	56131.70	56274.9	-24.88	56106.82	56109.21094	56095.98569	56099.28906	504778.5	5408889.6
L4780.0	504778.5	5408888.3	5538.20020	265.67	43.46	48.832953	-86.934886	56127.42	56274.9	-24.89	56102.53	56104.89844	56094.10284	56097.44531	504778.5	5408888.3
L4780.0	504778.5	5408888.3	5538.29981	265.98	43.46	48.832953	-86.934886	56123.89	56274.9	-24.90	56098.99	56101.33594	56092.31071	56095.69141	504778.5	5408888.3
L4780.0	504778.5	5408886.7	5538.39990	267.15	42.89	48.832939	-86.934886	56120.22	56274.9	-24.91	56095.31	56097.63281	56090.49509	56093.91406	504778.5	5408886.7
L4780.0	504778.5	5408885.5	5538.50000	267.80	43.87	48.832928	-86.934887	56116.80	56274.9	-24.92	56091.88	56094.17969	56088.71697	56092.17188	504778.5	5408885.5
L4780.0	504778.5	5408884.1	5538.60010	267.30	43.87	48.832915	-86.934887	56113.56	56274.9	-24.93	56088.63	56090.91016	56086.97311	56090.46484	504778.5	5408884.1
L4780.0	504778.4	5408882.7	5538.70020	266.55	46.52	48.832903	-86.934887	56109.70	56274.9	-24.94	56084.76	56087.01953	56085.17093	56088.70313	504778.4	5408882.7
L4780.0	504778.4	5408881.1	5538.79981	265.74	46.52	48.832889	-86.934887	56105.49	56275	-24.95	56080.54	56082.78125	56083.36163	56086.92969	504778.4	5408881.1
L4780.0	504778.4	5408881.1	5538.89990	264.28	40.32	48.832889	-86.934887	56101.77	56275	-24.96	56076.81	56079.03516	56081.65316	56085.25781	504778.4	5408881.1
L4780.0	504778.4	5408879.8	5539.00000	255.25	40.32	48.832877	-86.934887	56098.29	56275	-24.97	56073.32	56075.52734	56080.01761	56083.66016	504778.4	5408879.8
L4780.0	504778.4	5408878.1	5539.10010	254.59	48.66	48.832862	-86.934887	56094.04	56275	-24.97	56069.07	56071.26172	56078.36747	56082.04297	504778.4	5408878.1
L4780.0	504778.4	5408876.7	5539.20020	254.31	47.54	48.832849	-86.934887	56090.64	56275	-24.97	56065.67	56067.84375	56076.85922	56080.57031	504778.4	5408876.7
L4780.0	504778.4	5408876.7	5539.29981	256.56	48.8	48.832849	-86.934887	56086.45	56275	-24.97	56061.48	56063.64063	56075.36337	56079.10938	504778.4	5408876.7
L4780.0	504778.4	5408875.1	5539.29981	256.56	48.8	48.832835	-86.934887	56082.61	56275	-24.97	56057.63	56059.77734	56073.97437	56077.75781	504778.4	5408875.1
L4780.0	504778.4	5408873.7	5539.39990	263.69	44.69	48.832822	-86.934888	56078.08	56275	-24.97	56053.10	56055.23438	56072.64290	56076.46094	504778.4	5408873.7
L4780.0	504778.4	5408872.1	5539.60010	265.10	44.69	48.832808	-86.934888	56074.48	56275	-24.98	56049.50	56051.62109	56071.44053	56075.29297	504778.4	5408872.1
L4780.0	504778.4	5408872.1	5539.70020	264.55	44.9	48.832808	-86.934888	56070.48	56275	-24.98	56045.50	56047.61328	56070.31323	56074.19922	504778.4	5408872.1
L4780.0	504778.4	5408870.7	5539.79981	258.00	44.9	48.832795	-86.934888	56066.06	56275	-24.98	56041.08	56043.18359	56069.27584	56073.19141	504778.4	5408870.7
L4780.0	504778.4	5408869.2	5539.89990	259.57	38.75	48.832782	-86.934888	56063.05	56275	-24.98	56038.07	56040.16406	56068.31216	56072.26172	504778.4	5408869.2
L4780.0	504778.4	5408868.0	5540.00000	256.87	42.77	48.832771	-86.934888	56058.70	56275	-24.98	56033.72	56035.80469	56067.44002	56071.42188	504778.4	5408868.0
L4780.0	504778.4	5408866.2	5540.10010	256.91	42.77	48.832754	-86.934888	56054.12	56275	-24.99	56029.13	56031.20703	56066.65971	56070.67188	504778.4	5408866.2
L4780.0	504778.4	5408864.6	5540.20020	255.70	49.35	48.832740	-86.934888	56050.66	56275	-25.01	56025.65	56027.71875	56065.89788	56069.94141	504778.4	5408864.6
L4780.0	504778.4	5408864.6	5540.29981	255.98	41.53	48.832740	-86.934888	56047.24	56275	-25.02	56022.22	56024.28516	56065.17767	56069.25000	504778.4	5408864.6
L4780.0	504778.3	5408863.2	5540.39990	255.80	41.53	48.832727	-86.934889	56043.27	56275	-25.03	56018.24	56020.30078	56064.09836	56068.20313	504778.3	5408863.2
L4780.0	504778.3	5408861.6	5540.50000	255.07	41.81	48.832713	-86.934889	56039.42	56275	-25.04	56014.38	56016.43750	56063.01947	56067.15234	504778.3	5408861.6
L4780.0	504778.3	5408860.0	5540.60010	251.38	44.82	48.832698	-86.934889	56035.68	56275.1	-25.06	56010.63	56012.68359	56061.96008	56066.12109	504778.3	5408860.0
L4780.0	504778.3	5408858.7	5540.70020	251.27	44.82	48.832687	-86.934889	56032.49	56275.1	-25.07	56007.42	56009.46875	56060.89272	56065.08203	504778.3	5408858.7
L4780.0	504778.3	5408858.7	5540.79981	252.27	47.68	48.832687	-86.934889	56028.37	56275.1	-25.08	56003.29	56005.33984	56059.91590	56064.13281	504778.3	5408858.7
L4780.0	504778.3	5408857.3	5540.89990	252.93	50.8	48.832674	-86.934890	56024.58	56275.1	-25.10	55999.48	56001.52734	56058.94809	56063.19141	504778.3	5408857.3
L4780.0	504778.3	5408856.1	5541.00000	255.49	51.02	48.832663	-86.934890	56021.79	56275.1	-25.11	55996.68	55998.73047	56057.94441	56062.21094	504778.3	5408856.1
L4780.0	504778.3	5408856.1	5541.10010	255.54	51.02	48.832663	-86.934890	56018.76	56275.1	-25.12	55993.64	55995.69141	56056.98927	56061.28125	504778.3	5408856.1
L4780.0	504778.2	5408853.8	5541.20020	252.64	50.5	48.832643	-86.934890	56015.92	56275.1	-25.12	55990.80	55992.85156	56056.05437	56060.37109	504778.2	5408853.8
L4780.0	504778.2	5408852.4	5541.29981	254.04	50.5	48.832630	-86.934891	56012.82	56275.1	-25.13	55987.68	55989.73438	56055.17272	56059.51172	504778.2	5408852.4
L4780.0	504778.2	5408851.0	5541.39990	254.01	49.26	48.832617	-86.934891	56009.96	56275.1	-25.14	55984.82	55986.87891	56054.30928	56058.67188	504778.2	5408851.0
L4780.0	504778.2	5408849.6	5541.50000	255.35	51.64	48.832605	-86.934891	56007.02	56275.1	-25.15	55981.88	55983.94531	56053.48761	56057.87500	504778.2	5408849.6
L4780.0	504778.1	5408847.8	5541.60010	256.80	51.64	48.832589	-86.934891	56003.98	56275.2	-25.15	55978.83	55980.89844	56052.71059	56057.11719	504778.1	5408847.8
L4780.0	504778.1	5408847.8	5541.70020	255.77	51.57	48.832589	-86.934891	56000.80	56275.2	-25.16	55975.64	55977.71484	56051.98101	56056.41016	504778.1	5408847.8
L4780.0	504778.1	5408845.9	5541.79981	255.37	51.57	48.832572	-86.934892	55998.93	56275.2	-25.17	55973.76	55975.84375	56051.20296	56055.65234	504778.1	5408845.9
L4780.0	504778.1	5408844.4	5541.89990	254.89	50.8	48.832559	-86.934892	55996.47	56275.2	-25.17	55971.30	55973.39063	56050.50316	56054.97266	504778.1	5408844.4
L4780.0	504778.1	5408844.4	5542.00000	254.85	51.69	48.832559	-86.934892	55995.24	56275.2	-25.18	55970.06	55972.16016	56049.76222	56054.25000	504778.1	5408844.4
L4780.0	504778.1	5408842.9	5542.10010	253.03	51.69	48.832545	-86.934892	55993.69	56275.2	-25.19	55968.50	55970.60938	56049.08342	56053.58984	504778.1	5408842.9
L4780.0	504778.1	5408841.3	5542.20020	253.47	49.35	48.832530	-86.934892	55991.36	56275.2	-25.19	55966.17	55968.29297	56048.49725	56053.01953	504778.1	5408841.3
L4780.0	504778.1	5408839.8	5542.29981	251.92	49.35	48.832517	-86.934892	55989.82	56275.2	-25.20	55964.62	55966.75391	56047.90085	56052.44141	504778.1	5408839.8
L4780.0	504778.1	5408839.8	5542.39990	252.25	49.25	48.832517	-86.934892	55987.62	56275.2	-25.21	55962.41	55964.55859	56047.39061	56051.94531	504778.1	5408839.8
L4780.0	504778.1	5408838.2	5542.50000	252.00	49.25	48.832502	-86.934892	55987.14	56275.2	-25.21	55961.93	55964.08984	56046.80753	56051.37891	504778.1	5408838.2

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4780.0	504778.1	5408836.6	5542.60010	253.13	48.63	48.832488	-86.934892	55986.51	56275.2	-25.22	55961.29	55963.46484	56046.27786	56050.86328	504778.1	5408836.6
L4780.0	504778.1	5408835.3	5542.70020	253.91	48.63	48.832476	-86.934892	55985.32	56275.2	-25.23	55960.09	55962.28125	56045.82847	56050.42969	504778.1	5408835.3
L4780.0	504778.1	5408835.3	5542.79981	254.16	48.78	48.832476	-86.934892	55984.58	56275.2	-25.24	55959.35	55961.55859	56045.39150	56050.00781	504778.1	5408835.3
L4780.0	504778.1	5408833.7	5542.89990	252.37	51.27	48.832462	-86.934892	55984.11	56275.2	-25.24	55958.87	55961.09375	56044.98034	56049.60938	504778.1	5408833.7
L4780.0	504778.1	5408832.4	5543.00000	255.41	51.27	48.832450	-86.934892	55984.43	56275.3	-25.25	55959.18	55961.42188	56044.55966	56049.19922	504778.1	5408832.4
L4780.0	504778.2	5408831.0	5543.10010	254.99	52.79	48.832437	-86.934891	55983.93	56275.3	-25.26	55958.66	55960.92188	56044.23740	56048.89063	504778.2	5408831.0
L4780.0	504778.2	5408829.7	5543.20020	254.56	52.14	48.832426	-86.934891	55983.83	56275.3	-25.27	55958.55	55960.83203	56043.93076	56048.59375	504778.2	5408829.7
L4780.0	504778.2	5408829.7	5543.29981	256.21	52.14	48.832426	-86.934891	55983.95	56275.3	-25.29	55958.67	55960.97266	56043.65156	56048.32422	504778.2	5408829.7
L4780.0	504778.2	5408827.8	5543.39990	255.61	52.09	48.832409	-86.934891	55984.18	56275.3	-25.30	55958.88	55961.20703	56043.40887	56048.09375	504778.2	5408827.8
L4780.0	504778.2	5408826.4	5543.50000	254.69	52.09	48.832396	-86.934891	55984.71	56275.3	-25.31	55959.40	55961.74609	56043.18771	56047.88281	504778.2	5408826.4
L4780.0	504778.2	5408825.0	5543.60010	256.33	53.17	48.832383	-86.934891	55985.29	56275.3	-25.32	55959.97	55962.33984	56043.00506	56047.70703	504778.2	5408825.0
L4780.0	504778.2	5408823.1	5543.70020	256.54	52.59	48.832367	-86.934891	55986.51	56275.3	-25.33	55961.17	55963.56641	56042.82182	56047.53125	504778.2	5408823.1
L4780.0	504778.2	5408823.1	5543.79981	253.28	52.59	48.832367	-86.934891	55986.86	56275.3	-25.35	55961.51	55963.93359	56042.73684	56047.45703	504778.2	5408823.1
L4780.0	504778.2	5408821.6	5543.89990	253.86	54.35	48.832353	-86.934891	55987.22	56275.4	-25.36	55961.86	55964.30859	56042.69159	56047.41797	504778.2	5408821.6
L4780.0	504778.2	5408820.2	5544.00000	252.99	49.9	48.832340	-86.934891	55988.76	56275.4	-25.37	55963.39	55965.86719	56042.60748	56047.33984	504778.2	5408820.2
L4780.0	504778.2	5408819.0	5544.10010	253.96	49.9	48.832330	-86.934891	55990.53	56275.4	-25.38	55965.14	55967.64453	56042.54790	56047.28906	504778.2	5408819.0
L4780.0	504778.2	5408819.0	5544.20020	254.41	50.36	48.832330	-86.934891	55992.36	56275.4	-25.40	55966.96	55969.49219	56042.52216	56047.26953	504778.2	5408819.0
L4780.0	504778.2	5408817.3	5544.29981	255.22	50.36	48.832314	-86.934891	55994.05	56275.4	-25.41	55968.64	55971.20313	56042.54355	56047.29688	504778.2	5408817.3
L4780.0	504778.2	5408815.3	5544.39990	255.78	51.79	48.832297	-86.934891	55995.31	56275.4	-25.42	55969.89	55972.48438	56042.63065	56047.39063	504778.2	5408815.3
L4780.0	504778.2	5408815.3	5544.50000	255.08	51.48	48.832297	-86.934891	55996.78	56275.4	-25.43	55971.34	55973.96484	56042.74067	56047.50391	504778.2	5408815.3
L4780.0	504778.2	5408814.1	5544.60010	253.73	51.48	48.832286	-86.934891	55998.63	56275.4	-25.45	55973.18	55975.83984	56042.86011	56047.62891	504778.2	5408814.1
L4780.0	504778.2	5408812.5	5544.70020	253.28	52.05	48.832271	-86.934891	56000.24	56275.5	-25.46	55974.78	55977.47266	56043.03013	56047.80078	504778.2	5408812.5
L4780.0	504778.2	5408810.6	5544.79981	255.27	52.34	48.832255	-86.934892	56002.65	56275.5	-25.47	55977.17	55979.89844	56043.18116	56047.95703	504778.2	5408810.6
L4780.0	504778.2	5408809.7	5544.89990	253.80	52.34	48.832246	-86.934892	56004.82	56275.5	-25.49	55979.33	55982.09375	56043.38031	56048.16016	504778.2	5408809.7
L4780.0	504778.1	5408808.0	5545.00000	255.27	49.25	48.832231	-86.934892	56006.16	56275.5	-25.50	55980.66	55983.46094	56043.66663	56048.44922	504778.1	5408808.0
L4780.0	504778.1	5408808.0	5545.10010	255.44	51.37	48.832231	-86.934892	56007.75	56275.5	-25.51	55982.24	55985.07813	56043.96719	56048.75391	504778.1	5408808.0
L4780.0	504778.1	5408806.8	5545.20020	253.87	52.1	48.832220	-86.934892	56010.67	56275.5	-25.52	55985.14	55988.01563	56044.20968	56049.00000	504778.1	5408806.8
L4780.0	504778.1	5408805.2	5545.29981	254.85	52.1	48.832206	-86.934892	56013.02	56275.5	-25.54	55987.48	55990.39453	56044.51846	56049.30859	504778.1	5408805.2
L4780.0	504778.1	5408804.0	5545.39990	254.50	51.93	48.832195	-86.934893	56015.35	56275.5	-25.55	55989.80	55992.75391	56044.85653	56049.65234	504778.1	5408804.0
L4780.0	504778.1	5408802.6	5545.50000	255.93	51.93	48.832182	-86.934893	56016.66	56275.6	-25.56	55991.10	55994.09375	56045.28956	56050.08594	504778.1	5408802.6
L4780.0	504778.1	5408802.6	5545.60010	255.05	50.23	48.832182	-86.934893	56019.34	56275.6	-25.57	55993.77	55996.80469	56045.65723	56050.45703	504778.1	5408802.6
L4780.0	504778.1	5408800.9	5545.70020	252.55	52.22	48.832167	-86.934893	56022.22	56275.6	-25.58	55996.64	55999.71875	56046.03651	56050.83594	504778.1	5408800.9
L4780.0	504778.0	5408799.1	5545.79981	253.08	52.22	48.832150	-86.934893	56024.53	56275.6	-25.60	55998.93	56002.05469	56046.47840	56051.28125	504778.0	5408799.1
L4780.0	504778.0	5408797.7	5545.89990	253.72	51.13	48.832138	-86.934894	56027.03	56275.6	-25.61	56001.42	56004.58594	56046.92990	56051.73438	504778.0	5408797.7
L4780.0	504778.0	5408796.3	5546.00000	254.81	51.13	48.832126	-86.934894	56029.48	56275.6	-25.62	56003.86	56007.07031	56047.40666	56052.21484	504778.0	5408796.3
L4780.0	504778.0	5408796.3	5546.10010	253.91	54.48	48.832126	-86.934894	56031.76	56275.6	-25.63	56006.13	56009.38672	56047.91569	56052.72266	504778.0	5408796.3
L4780.0	504778.0	5408795.1	5546.20020	254.42	54.48	48.832115	-86.934894	56034.09	56275.6	-25.64	56008.44	56011.74219	56048.44200	56053.25000	504778.0	5408795.1
L4780.0	504778.0	5408793.4	5546.29981	255.06	57.93	48.832100	-86.934894	56036.24	56275.7	-25.65	56010.58	56013.93359	56048.99862	56053.80859	504778.0	5408793.4
L4780.0	504778.0	5408792.0	5546.39990	254.08	57.93	48.832086	-86.934894	56038.95	56275.7	-25.66	56013.28	56016.67969	56049.53589	56054.34766	504778.0	5408792.0
L4780.0	504778.0	5408792.0	5546.50000	254.62	56.43	48.832086	-86.934894	56040.48	56275.7	-25.68	56014.81	56018.25781	56050.16821	56054.98438	504778.0	5408792.0
L4780.0	504778.0	5408790.0	5546.60010	254.59	54.71	48.832069	-86.934894	56042.56	56275.7	-25.69	56016.87	56020.36719	56050.78129	56055.59766	504778.0	5408790.0
L4780.0	504778.0	5408788.6	5546.70020	254.98	54.71	48.832056	-86.934894	56045.85	56275.7	-25.70	56020.15	56023.69922	56051.32822	56056.14844	504778.0	5408788.6
L4780.0	504778.0	5408786.9	5546.79981	254.28	56.73	48.832041	-86.934894	56047.75	56275.7	-25.71	56022.04	56025.64063	56051.98207	56056.80078	504778.0	5408786.9
L4780.0	504778.0	5408785.4	5546.89990	254.63	56.73	48.832028	-86.934894	56049.77	56275.7	-25.72	56024.05	56027.70313	56052.64130	56057.46484	504778.0	5408785.4
L4780.0	504778.0	5408785.4	5547.00000	256.09	58.18	48.832028	-86.934894	56052.71	56275.7	-25.73	56026.98	56030.68359	56053.25169	56058.07422	504778.0	5408785.4
L4780.0	504778.0	5408783.6	5547.10010	256.49	51.7	48.832012	-86.934894	56055.29	56275.7	-25.74	56029.55	56033.30859	56053.89773	56058.72266	504778.0	5408783.6
L4780.0	504778.0	5408782.3	5547.20020	255.36	51.7	48.832000	-86.934894	56057.84	56275.7	-25.75	56032.09	56035.90234	56054.55659	56059.38672	504778.0	5408782.3
L4780.0	504778.0	5408782.3	5547.29981	256.93	55.39	48.832000	-86.934894	56059.06	56275.8	-25.76	56033.30	56037.16797	56055.31413	56060.14453	504778.0	5408782.3
L4780.0	504778.0	5408780.4	5547.39990	256.75	55.39	48.831982	-86.934894	56061.03	56275.8	-25.77	56035.26	56039.17969	56056.03088	56060.86328	504778.0	5408780.4
L4780.0	504778.1	5408778.9	5547.50000	254.90	59.16	48.831969	-86.934894	56063.58	56275.8	-25.78	56037.81	56041.78516	56056.71675	56061.55469	504778.1	5408778.9
L4780.0	504778.1	5408778.9	5547.60010	256.97	60.04	48.831969	-86.934894	56065.27	56275.8	-25.78	56039.49	56043.52344	56057.46833	56062.30859	504778.1	5408778.9
L4780.0	504778.1	5408777.2	5547.70020	258.44	60.04	48.831954	-86.934893	56068.08	56275.8	-25.79	56042.29	56046.37891	56058.15223	56062.99609	504778.1	5408777.2
L4780.0	504778.1	5408775.8	5547.79981	257.83	55.17	48.831941	-86.934893	56069.13	56275.8	-25.80	56043.32	56047.46875	56058.96042	56063.80859	504778.1	5408775.8
L4780.0	504778.1	5408774.0	5547.89990	258.48	55.17	48.831925	-86.934893	56071.04	56275.8	-25.81	56045.23	56049.43359	56059.71557	56064.56641	504778.1	5408774.0
L4780.0	504778.1	5408774.0	5548.00000	256.50	52.73	48.831925	-86.934893	56073.82	56275.8	-25.82	56048.00	56052.26172	56060.41836	56065.27344	504778.1	5408774.0
L4780.0	504778.1	5408772.2	5548.10010	256.36	51.36	48.831909	-86.934893	56076.31	56275.8	-25.83	56050.47	56054.79297	56061.14549	56066.00391	504778.1	5408772.2
L4780.0	504778.1	5408770.8	5548.20020	258.20	51.36	48.831896	-86.934892	56078.38	56275.8	-25.85	56052.53	56056.91016	56061.90369	56066.76563	504778.1	5408770.8
L4780.0	504778.2	5408769.3	5548.29981	255.51	53.01	48.831883	-86.934892	56080.13	56275.9	-25.86	56054.26	56058.69922	56062.68706	56067.55469	504778.2	5408769.3
L4780.0	504778.2	5408767.4	5548.39990	254.74	53.01	48.831866	-86.934892	56081.80	56275.9	-25.88	56055.92	56060.42188	56063.47771	56068.35156	504778.2	5408767.4
L4780.0	504778.2	5408767.4	5548.50000	255.40	55.86	48.831866	-86.934892	56083.16	56275.9	-25.90	56057.26	56061.82031	56064.29176	56069.17188	504778.2	5408767.4
L4780.0	504778.2	5408765.5	5548.60010	255.07	55.86	48.831849	-86.934892	56085.37	56275.9	-25.91	56059.46	56064.08203	56065.05005	56069.93359	504778.2	5408765.5
L4780.0	504778.2	5408765.5	5548.70020	256.78	55.89	48.831849	-86.934892	56087.54	56275.9	-25.93	56061.61	56066.29297	56065.81274	56070.70313	504778.2	5408765.5
L4780.0	504778.2	5408763.8	5548.79981	258.70	55.89	48.831833	-86.934891	56089.00	56275.9	-25.94	56063.06	56067.80469	56066.62272	56071.51953	504778.2	5408763.8
L4780.0	504778.2	5408762.4	5548.89990	258.30	58.05	48.831821	-86.934891	56090.77	56276	-25.96	56064.82	56069.62500	56067.41219	56072.31641	504778.2	5408762.4
L4780.0	504778.2	5408761.0	5549.00000	256.43	57.99	48.831808	-86.934891	56092.29	56276	-25.97	56066.32	56071.18750	56068.21875	56073.12891	504778.2	5408761.0
L4780.0	504778.2	5408761.0	5549.10010	255.18	57.99	48.831808	-86.934891	56095.00	56276	-25.98	56069.02	56073.94531	56068.94464	56073.86328	504778.2	5408761.0
L4780.0	504778.2	5408759.8	5549.20020	253.58	58.03	48.831797	-86.934891	56095.63	56276	-25.98	56069.65	56074.64063	56069.80749	56074.73438	504778.2	5408759.8
L4780.0	504778.2	5408757.9	5549.29981	255.57	58.03	48.831780	-86.934891	56096.69	56276	-25.99	56070.70	56075.75000	56070.64095	56075.57422	504778.2	5408757.9
L4780.0	504778.2	5408756.6	5549.39990	256.12	63.31	48.831769	-86.934891	56098.74	56276	-25.99	56072.75	56077.86328	56071.40598	56076.34766	504778.2	5408756.6
L4780.0	504778.2	5408756.6	5549.50000	256.54	62.14	48.831769	-86.934891	56100.87	56276	-26.00	56074.87	56080.04688	56072.16428	56077.11328	504778.2	5408756.6
L4780.0	504778.2	5408755.1	5549.60010	256.31	55.16	48.831755	-86.934891	56103.08	56276	-26.01	56077.08	56082.31641	56072.91420	56077.87500	504778.2	5408755.1
L4780.0	504778.2	5408753.6	5549.70020	254.01	56.98	48.831741	-86.934891	56103.04	56276	-26.01	56077.03	56082.32813	56073.81211	56078.78125	504778.2	5408753.6
L4780.0	504778.3	5408751.7	5549.79981	253.99	56.98	48.831724	-86.934891	56104.46	56276	-26.02	56078.44	56083.80078	56074.60974	56079.58984	504778.3	5408751.7
L4780.0	504778.3	5408751.7	5549.89990	253.58	63.61	48.831724	-86.934891	56106.06	56276	-26.02	56080.03	56085.45313	56075.39217	56080.38281	504778.3	5408751.7
L4780.0	504778.2	5408750.1	5550.00000	253.28	58.3	48.831710	-86.934891	56108.28	56276	-26.03	56082.25	56087.73438	56076.12915	56081.12891	504778.2	5408750.1
L4780.0	504778.2	5408749.1	5550.10010	252.54	58.3	48.831701	-86.934891	56110.04	56276	-26.04	56084.00	56089.54688	56076.89379	56081.90234	504778.2	5408749.1
L4780.0	504778.2	5408747.9	5550.20020	253.53	58.48	48.831690	-86.934891	56111.32	56276.1	-26.05	56085.26	56090.86719	56077.68720	56082.71094	504778.2	5408747.9
L4780.0	504778.3	5408745.9	5550.29981	254.77	58.48	48.831672	-86.934891	56112.18	56276.1	-26.06	56086.11	56091.78125	56078.50385	56083.53906	504778.3	5408745.9
L4780.0	504778.3	5408745.9	5550.39990	253.23	54.1	48.831672	-86.934891	56112.94	56276.1	-26.07	56086.86	56092.58984	56079.32289	56084.36719	504778.3	5408745.9
L4780.0	504778.3	5408744.5	5550.50000	252.16	54.78	48.831660	-86.934891	56114.53	56276.1	-26.08	56088.44	56094.23047	56080.08214	56085.14063	504778.3	5408744.5
L4780.0	504778.3	5408743.1	5550.60010	252.82	56.84	48.831647	-86.934891	56116.90	56276.1	-26.10	56090.81	56096.66406	56080.78410	56085.85547	504778.3	5408743.1
L4780.0	504778.3	5408741.7	5550.70020	250.94	56.84	48.831635	-86.934891	56117.93	56276.1	-26.11	56091.83	56097.74219	56081.57129	56086.65625	504778.3	5408741.7
L4780.0	504778.3	5408740.5	5550.79981	252.28	58.93	48.831624	-86.934891	56118.70	56276.1	-26.12	56092.58	56098.55078	56082.37155	56087.46875	504778.3	5408740.5
L4780.0	504778.3	5408738.9	5550.89990	248.59	58.93	48.831610	-86.934891	56119.48	56276.1	-26.13	56093.35	56099.38281	56083.16543	56088.27734	504778.3	5408738.9
L4780.0	504778.3	5408738.9	5551.00000	248.53	66.85	48.831610	-86.934891	56121.28	56276.1	-26.14	56095.14	56101.23047	56083.88613	56089.01172	504778.3	5408738.9
L4780.0	504778.3	5408737.5	5551.10010	251.37	66.85	48.831597	-86.934891	56122.29	56276.2	-26.15	56096.13	56102.27734	56084.65488	56089.79297	504778.3	5408737.5
L4780.0	504778.3	5408735.8	5551.20020	251.86	65.3	48.831581	-86.934890	56124.06	56276.2	-26.17	56097.89	56104.09766	56085.36689	56090.51953	504778.3	5408735.8
L4780.0	504778.3	5408734.3	5551.29981	253.45	65.3	48.831568	-86.934890	56125.38	56276.2	-26.18	56099.20	56105.46484	56086.10341	56091.26953	504778.3	5408734.3
L4780.0	504778.3	5408734.3	5551.39990	255.23	67.29	48.831568	-86.934890	56126.88	56276.2	-26.19	56100.68	56107.00391	56086.82300	56092.00391	504778.3	5408734.3
L4780.0	504778.3	5408732.9	5551.50000	255.63	63.16	48.831555	-86.934890	56126.75	56276.2	-26.21	56100.54	56106.91797	56087.64493	56092.84375	504778.3	5408732.9
L4780.0	504778.3	5408731.4	5551.60010	255.74	63.16	48.831542	-86.934890	56128.06	56276.2	-26.22	56101.84	56108.27344	56088.36510	56093.57813	504778.3	5408731.4
L4780.0	504778.3	5408730.0	5551.70020	257.20	67.69	48.831529	-86.934890	56129.66	56276.2	-26.23	56103.43	56109.91797	56089.06012	56094.28906	504778.3	5408730.0
L4780.0	504778.3	5408728.3	5551.79981	256.62	57.17	48.831514	-86.934890	56130.84	56276.2	-26.24	56104.60	56111.14453	56089.77725	56095.02344	504778.3	5408728.3

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4780.0	504778.3	5408728.3	5551.89990	267.14	57.17	48.831514	-86.934890	56132.16	56276.3	-26.26	56105.90	56112.49609	56090.47978	56095.74219	504778.3	5408728.3
L4780.0	504778.3	5408726.3	5552.00000	265.66	64.43	48.831496	-86.934890	56133.06	56276.3	-26.27	56106.79	56113.44141	56091.29139	56096.57031	504778.3	5408726.3
L4780.0	504778.3	5408725.2	5552.10010	263.73	64.43	48.831486	-86.934890	56134.20	56276.3	-26.27	56107.93	56114.63281	56092.15246	56097.44922	504778.3	5408725.2
L4780.0	504778.3	5408723.5	5552.20020	261.99	58.43	48.831471	-86.934891	56135.55	56276.3	-26.27	56109.27	56116.02344	56092.99915	56098.31250	504778.3	5408723.5
L4780.0	504778.3	5408723.5	5552.29981	264.05	65.72	48.831471	-86.934891	56136.36	56276.3	-26.28	56110.08	56116.88281	56093.85504	56099.18750	504778.3	5408723.5
L4780.0	504778.3	5408722.2	5552.39990	262.16	65.72	48.831459	-86.934891	56136.71	56276.3	-26.28	56110.43	56117.28516	56094.70129	56100.05078	504778.3	5408722.2
L4780.0	504778.3	5408720.6	5552.50000	253.10	63.83	48.831445	-86.934891	56137.70	56276.3	-26.28	56111.42	56118.32422	56095.50756	56100.87500	504778.3	5408720.6
L4780.0	504778.3	5408719.3	5552.60010	253.98	63.83	48.831433	-86.934891	56138.11	56276.3	-26.28	56111.82	56118.76953	56096.29492	56101.67969	504778.3	5408719.3
L4780.0	504778.3	5408717.9	5552.70020	262.10	58.67	48.831421	-86.934891	56139.82	56276.3	-26.28	56113.54	56120.53906	56097.04070	56102.44141	504778.3	5408717.9
L4780.0	504778.3	5408717.9	5552.79981	260.49	70.06	48.831421	-86.934891	56141.20	56276.3	-26.29	56114.92	56121.96484	56097.76225	56103.18359	504778.3	5408717.9
L4780.0	504778.3	5408716.5	5552.89990	259.77	64.29	48.831408	-86.934891	56142.22	56276.3	-26.29	56115.93	56123.01953	56098.45321	56103.89063	504778.3	5408716.5
L4780.0	504778.3	5408715.0	5553.00000	259.33	64.29	48.831394	-86.934891	56142.92	56276.3	-26.29	56116.63	56123.76563	56099.11177	56104.57031	504778.3	5408715.0
L4780.0	504778.3	5408714.1	5553.10010	260.09	58.93	48.831386	-86.934891	56143.94	56276.3	-26.30	56117.64	56124.81641	56099.73584	56105.21094	504778.3	5408714.1
L4780.0	504778.3	5408712.5	5553.20020	261.57	70.64	48.831372	-86.934891	56144.91	56276.3	-26.31	56118.60	56125.82031	56100.32736	56105.82031	504778.3	5408712.5
L4780.0	504778.3	5408710.9	5553.29981	261.00	70.64	48.831358	-86.934891	56145.93	56276.3	-26.32	56119.61	56126.87109	56100.88694	56106.40234	504778.3	5408710.9
L4780.0	504778.3	5408710.9	5553.39990	262.14	57.43	48.831358	-86.934891	56146.61	56276.3	-26.33	56120.28	56127.58203	56101.42427	56106.95703	504778.3	5408710.9
L4780.0	504778.3	5408709.2	5553.50000	261.46	57.43	48.831342	-86.934891	56147.11	56276.3	-26.34	56120.77	56128.11328	56101.94406	56107.49609	504778.3	5408709.2
L4780.0	504778.3	5408708.0	5553.60010	260.28	57.37	48.831331	-86.934891	56148.52	56276.3	-26.35	56122.17	56129.55078	56102.41330	56107.98438	504778.3	5408708.0
L4780.0	504778.3	5408706.4	5553.70020	260.67	57.01	48.831317	-86.934891	56149.31	56276.4	-26.36	56122.95	56130.36719	56102.88375	56108.47266	504778.3	5408706.4
L4780.0	504778.3	5408704.9	5553.79981	250.46	57.01	48.831304	-86.934891	56150.64	56276.4	-26.37	56124.27	56131.72266	56103.31064	56108.92188	504778.3	5408704.9
L4780.0	504778.3	5408703.6	5553.89990	251.73	58.28	48.831292	-86.934891	56151.40	56276.4	-26.38	56125.02	56132.50781	56103.75360	56109.38281	504778.3	5408703.6
L4780.0	504778.3	5408703.6	5554.00000	252.49	69.6	48.831292	-86.934891	56152.18	56276.4	-26.39	56125.79	56133.31250	56104.28864	56109.93750	504778.3	5408703.6
L4780.0	504778.3	5408702.1	5554.10010	252.25	69.6	48.831278	-86.934891	56152.98	56276.4	-26.40	56126.57	56134.12500	56104.88716	56110.55469	504778.3	5408702.1
L4780.0	504778.3	5408700.7	5554.20020	253.21	69.61	48.831265	-86.934891	56154.04	56276.4	-26.41	56127.62	56135.20703	56105.46124	56111.14844	504778.3	5408700.7
L4780.0	504778.3	5408698.9	5554.29981	254.13	69.61	48.831250	-86.934892	56155.00	56276.4	-26.43	56128.57	56136.18750	56106.03554	56111.74219	504778.3	5408698.9
L4780.0	504778.3	5408698.9	5554.39990	254.61	70.19	48.831250	-86.934892	56155.40	56276.4	-26.44	56128.96	56136.60938	56106.64074	56112.36719	504778.3	5408698.9
L4780.0	504778.3	5408697.6	5554.50000	254.27	59.96	48.831238	-86.934892	56155.65	56276.4	-26.45	56129.20	56136.87500	56107.24951	56112.99609	504778.3	5408697.6
L4780.0	504778.2	5408696.0	5554.60010	255.43	61.23	48.831223	-86.934892	56156.46	56276.5	-26.46	56130.00	56137.70313	56107.81452	56113.57813	504778.2	5408696.0
L4780.0	504778.2	5408694.5	5554.70020	254.25	61.23	48.831210	-86.934892	56157.84	56276.5	-26.47	56131.36	56139.08984	56108.33578	56114.12109	504778.2	5408694.5
L4780.0	504778.2	5408693.4	5554.79981	252.71	67.97	48.831200	-86.934892	56159.09	56276.5	-26.49	56132.60	56140.35547	56108.85863	56114.66406	504778.2	5408693.4
L4780.0	504778.2	5408692.0	5554.89990	254.58	67.97	48.831187	-86.934892	56159.20	56276.5	-26.50	56132.71	56140.48828	56109.45043	56115.27344	504778.2	5408692.0
L4780.0	504778.2	5408692.0	5555.00000	254.27	71.4	48.831187	-86.934892	56159.88	56276.5	-26.51	56133.37	56141.17188	56109.99918	56115.84375	504778.2	5408692.0
L4780.0	504778.2	5408690.6	5555.10010	256.19	71.5	48.831174	-86.934892	56160.54	56276.5	-26.52	56134.02	56141.84375	56110.54224	56116.40625	504778.2	5408690.6
L4780.0	504778.2	5408688.8	5555.20020	258.26	71.5	48.831158	-86.934892	56161.29	56276.5	-26.53	56134.75	56142.59375	56111.07362	56116.95703	504778.2	5408688.8
L4780.0	504778.2	5408687.2	5555.29981	257.59	70.94	48.831144	-86.934892	56162.56	56276.5	-26.55	56136.01	56143.87500	56111.56334	56117.46484	504778.2	5408687.2
L4780.0	504778.2	5408686.3	5555.39990	256.30	70.94	48.831136	-86.934893	56162.44	56276.6	-26.56	56135.88	56143.76172	56112.13942	56118.05859	504778.2	5408686.3
L4780.0	504778.2	5408686.3	5555.50000	257.73	71.26	48.831136	-86.934893	56162.72	56276.6	-26.57	56136.15	56144.05078	56112.68255	56118.62109	504778.2	5408686.3
L4780.0	504778.2	5408684.8	5555.60010	256.40	66.19	48.831122	-86.934893	56164.01	56276.6	-26.58	56137.43	56145.34766	56113.15209	56119.10938	504778.2	5408684.8
L4780.0	504778.2	5408683.4	5555.70020	255.10	70.03	48.831110	-86.934893	56164.96	56276.6	-26.59	56138.36	56146.29297	56113.63874	56119.61719	504778.2	5408683.4
L4780.0	504778.2	5408682.2	5555.79981	255.20	70.03	48.831099	-86.934893	56166.16	56276.6	-26.61	56139.55	56147.49609	56114.10184	56120.09766	504778.2	5408682.2
L4780.0	504778.2	5408680.6	5555.89990	254.82	70.82	48.831085	-86.934893	56166.28	56276.6	-26.62	56139.66	56147.62109	56114.63077	56120.64453	504778.2	5408680.6
L4780.0	504778.2	5408679.1	5556.00000	254.54	71.19	48.831071	-86.934893	56167.17	56276.6	-26.63	56140.54	56148.51172	56115.10223	56121.13672	504778.2	5408679.1
L4780.0	504778.2	5408678.2	5556.10010	256.58	71.19	48.831063	-86.934893	56167.79	56276.6	-26.64	56141.15	56149.13281	56115.58557	56121.63672	504778.2	5408678.2
L4780.0	504778.1	5408676.9	5556.20020	255.59	68.86	48.831051	-86.934893	56168.56	56276.7	-26.65	56141.90	56149.89453	56116.05350	56122.12500	504778.1	5408676.9
L4780.0	504778.1	5408676.9	5556.29981	257.09	64.5	48.831051	-86.934893	56168.93	56276.7	-26.66	56142.27	56150.27344	56116.54072	56122.62891	504778.1	5408676.9
L4780.0	504778.1	5408675.1	5556.39990	256.47	64.5	48.831035	-86.934894	56169.39	56276.7	-26.67	56142.72	56150.73047	56117.01660	56123.12500	504778.1	5408675.1
L4780.0	504778.1	5408673.8	5556.50000	257.42	70.33	48.831024	-86.934894	56170.12	56276.7	-26.68	56143.44	56151.46094	56117.46851	56123.59375	504778.1	5408673.8
L4780.0	504778.1	5408672.4	5556.60010	257.13	70.33	48.831011	-86.934894	56170.42	56276.7	-26.70	56143.73	56151.75781	56117.94315	56124.08594	504778.1	5408672.4
L4780.0	504778.1	5408670.5	5556.70020	255.96	64.3	48.830994	-86.934894	56170.48	56276.7	-26.71	56143.77	56151.80078	56118.42856	56124.58984	504778.1	5408670.5
L4780.0	504778.1	5408670.5	5556.79981	255.34	58.98	48.830994	-86.934894	56169.99	56276.7	-26.72	56143.27	56151.30469	56118.94411	56125.12109	504778.1	5408670.5
L4780.0	504778.1	5408669.0	5556.89990	255.22	58.98	48.830980	-86.934894	56170.61	56276.7	-26.73	56143.88	56151.92188	56119.37983	56125.57422	504778.1	5408669.0
L4780.0	504778.1	5408667.3	5557.00000	256.56	60.77	48.830965	-86.934894	56172.29	56276.7	-26.74	56145.55	56153.59375	56119.73911	56125.95313	504778.1	5408667.3
L4780.0	504778.1	5408667.3	5557.10010	254.85	60.77	48.830965	-86.934894	56172.13	56276.8	-26.75	56145.37	56153.41406	56120.21597	56126.44531	504778.1	5408667.3
L4780.0	504778.1	5408666.4	5557.20020	254.01	59.12	48.830957	-86.934894	56173.24	56276.8	-26.76	56146.48	56154.52734	56120.60112	56126.84766	504778.1	5408666.4
L4780.0	504778.1	5408664.8	5557.29981	254.20	59.12	48.830943	-86.934894	56173.89	56276.8	-26.77	56147.12	56155.16797	56121.01192	56127.27734	504778.1	5408664.8
L4780.0	504778.1	5408663.3	5557.39990	252.18	58.52	48.830929	-86.934894	56175.05	56276.8	-26.78	56148.26	56156.30859	56121.38375	56127.66406	504778.1	5408663.3
L4780.0	504778.1	5408662.3	5557.50000	251.25	60.34	48.830920	-86.934894	56174.42	56276.8	-26.79	56147.63	56155.67578	56121.86798	56128.16797	504778.1	5408662.3
L4780.0	504778.1	5408660.7	5557.60010	250.85	60.34	48.830906	-86.934894	56175.36	56276.8	-26.81	56148.56	56156.60547	56122.24263	56128.55859	504778.1	5408660.7
L4780.0	504778.1	5408660.7	5557.70020	251.39	61.13	48.830906	-86.934894	56175.76	56276.8	-26.82	56148.94	56156.98438	56122.64840	56128.98047	504778.1	5408660.7
L4780.0	504778.1	5408658.9	5557.79981	251.65	59.76	48.830889	-86.934894	56176.76	56276.8	-26.83	56149.93	56157.96875	56123.00800	56129.35547	504778.1	5408658.9
L4780.0	504778.2	5408657.6	5557.89990	253.87	59.76	48.830878	-86.934894	56177.62	56276.8	-26.84	56150.78	56158.81641	56123.37145	56129.73438	504778.2	5408657.6
L4780.0	504778.2	5408656.1	5558.00000	253.15	61.98	48.830865	-86.934893	56176.90	56276.8	-26.85	56150.05	56158.08203	56123.83477	56130.21484	504778.2	5408656.1
L4780.0	504778.2	5408656.1	5558.10010	254.10	58.83	48.830865	-86.934893	56176.77	56276.9	-26.85	56149.92	56157.94922	56124.25267	56130.64844	504778.2	5408656.1
L4780.0	504778.2	5408654.8	5558.20020	254.17	60.75	48.830852	-86.934893	56178.31	56276.9	-26.86	56151.46	56159.48438	56124.55383	56130.96484	504778.2	5408654.8
L4780.0	504778.2	5408653.0	5558.29981	254.07	60.75	48.830836	-86.934893	56179.26	56276.9	-26.86	56152.40	56160.41797	56125.18210	56131.60938	504778.2	5408653.0
L4780.0	504778.2	5408651.9	5558.39990	261.79	60.75	48.830827	-86.934892	56179.43	56276.9	-26.87	56152.56	56160.57422	56125.92336	56132.36719	504778.2	5408651.9
L4780.0	504778.3	5408650.6	5558.50000	261.18	60.54	48.830815	-86.934892	56179.43	56276.9	-26.87	56152.56	56160.56641	56126.66819	56133.12891	504778.3	5408650.6
L4780.0	504778.3	5408650.6	5558.60010	262.21	60.54	48.830815	-86.934892	56178.97	56276.9	-26.87	56152.10	56160.10156	56127.40811	56133.88281	504778.3	5408650.6
L4780.0	504778.3	5408648.8	5558.70020	263.23	60.54	48.830799	-86.934892	56180.85	56276.9	-26.88	56153.97	56161.96484	56128.12462	56134.61328	504778.3	5408648.8
L4780.0	504778.3	5408647.5	5558.79981	263.79	63.65	48.830787	-86.934892	56181.21	56276.9	-26.88	56154.33	56162.31641	56128.84734	56135.35156	504778.3	5408647.5
L4780.0	504778.3	5408646.0	5558.89990	262.68	65.69	48.830773	-86.934891	56181.58	56276.9	-26.89	56154.69	56162.66797	56129.55232	56136.07422	504778.3	5408646.0
L4780.0	504778.3	5408644.4	5559.00000	264.12	69.71	48.830759	-86.934891	56180.34	56276.9	-26.89	56153.45	56161.42188	56130.16371	56136.69922	504778.3	5408644.4
L4780.0	504778.4	5408643.3	5559.10010	263.26	69.71	48.830749	-86.934891	56181.56	56276.9	-26.90	56154.66	56162.62500	56130.84675	56137.39844	504778.4	5408643.3
L4780.0	504778.4	5408643.3	5559.20020	262.77	72.56	48.830749	-86.934891	56183.18	56276.9	-26.91	56156.27	56164.22656	56131.54521	56138.10938	504778.4	5408643.3
L4780.0	504778.4	5408641.6	5559.29981	263.95	71.3	48.830734	-86.934891	56183.82	56276.9	-26.92	56156.91	56164.85938	56132.15901	56138.73828	504778.4	5408641.6
L4780.0	504778.4	5408640.0	5559.39990	262.88	71.3	48.830719	-86.934891	56183.66	56276.9	-26.93	56156.73	56164.66797	56132.66898	56139.26172	504778.4	5408640.0
L4780.0	504778.4	5408639.2	5559.50000	264.30	59.1	48.830712	-86.934890	56182.74	56276.9	-26.94	56155.81	56163.74219	56133.06208	56139.67188	504778.4	5408639.2
L4780.0	504778.4	5408637.7	5559.60010	264.78	59.24	48.830699	-86.934890	56184.75	56276.9	-26.94	56157.81	56165.73438	56133.69199	56140.31641	504778.4	5408637.7
L4780.0	504778.4	5408636.3	5559.70020	265.21	59.24	48.830686	-86.934890	56184.87	56277	-26.95	56157.91	56165.82422	56134.10282	56140.73828	504778.4	5408636.3
L4780.0	504778.4	5408636.3	5559.79981	264.80	60.26	48.830686	-86.934890	56184.74	56277	-26.96	56157.78	56165.68359	56134.45483	56141.10547	504778.4	5408636.3
L4780.0	504778.4	5408634.8	5559.89990	263.89	68	48.830673	-86.934890	56185.32	56277	-26.97	56158.35	56166.24609	56134.85562	56141.51953	504778.4	5408634.8
L4780.0	504778.4	5408633.4	5560.00000	265.89	68	48.830660	-86.934890	56186.19	56277	-26.98	56159.21	56167.09766	56135.27020	56141.94922	504778.4	5408633.4
L4780.0	504778.4	5408632.0	5560.10010	253.03	62.01	48.830647	-86.934890	56185.83	56277	-26.98	56158.85	56166.73047	56135.53319	56142.22656	504778.4	5408632.0
L4780.0	504778.4	5408632.0	5560.20020	251.83	64.76	48.830647	-86.934890	56186.36	56277	-26.99	56159.37	56167.24219	56135.88767	56142.59375	504778.4	5408632.0
L4780.0	504778.4	5408629.4	5560.29981	251.34	64.76	48.830624	-86.934890	56186.72	56277	-26.99	56159.73	56167.59375	56136.21524	56142.93750	504778.4	5408629.4
L4780.0	504778.4	5408629.4	5560.39990	252.53	64.89	48.830624	-86.934890	56187.22	56277	-27.00	56160.22	56168.07422	56136.55117	56143.28516	504778.4	5408629.4
L4780.0	504778.4	5408628.0	5560.50000	264.68	65.58	48.830611	-86.934890	56187.77	56277	-27.00	56160.77	56168.61719	56136.88783	56143.63672	504778.4	5408628.0
L4780.0	504778.4	5408626.4	5560.60010	265.70	65.58	48.830597	-86.934890	56187.18	56277	-27.00	56160.18	56168.01953	56137.07937	56143.83984	504778.4	5408626.4
L4780.0	504778.4	5408624.8	5560.70020	265.96	67.19	48.830583	-86.934891	56187.98	56277	-27.01	56160.97	56168.80469	56137.43463	56144.21094	504778.4	5408624.8
L4780.0	504778.4	5408624.8	5560.79981	264.70	66.39	48.830583	-86.934891	56188.36	56277	-27.01	56161.35	56169.17578	56137.73506	56144.52344	504778.4	5408624.8
L4780.0	504778.4	5408622.6	5560.89990	263.94	68.25	48.830563	-86.934891	56188.87	56277	-27.02	56161.85	56169.66797	56138.04660	56144.84766	504778.4	5408622.6
L4780.0	504778.4	5408621.2	5561.00000	265.29	68.25	48.830550	-86.934891	56189.56	56277	-27.02	56162.54	56170.35156	56138.37910	56145.19531	504778.4	5408621.2
L4780.0	504778.4	5408621.2	5561.10010	266.58	65.99	48.830550	-86.934891	56189.45	56277	-27.03	56162.43	56170.23828	56138.60715	56145.43750	504778.4	5408621.2

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4780.0	504778.4	5408618.5	5561.20020	265.81	65.99	48.830526	-86.934891	56189.77	56277	-27.03	56162.74	56170.53906	56138.88807	56145.73047	504778.4	5408618.5
L4780.0	504778.4	5408618.5	5561.29981	267.68	68.43	48.830526	-86.934891	56189.98	56277	-27.04	56162.94	56170.73438	56139.15492	56146.01172	504778.4	5408618.5
L4780.0	504778.3	5408617.1	5561.39990	267.22	64.81	48.830513	-86.934891	56190.10	56277	-27.05	56163.05	56170.83984	56139.41033	56146.28125	504778.3	5408617.1
L4780.0	504778.3	5408615.5	5561.50000	265.20	64.08	48.830499	-86.934892	56189.88	56277.1	-27.05	56162.83	56170.61719	56139.62194	56146.50391	504778.3	5408615.5
L4780.0	504778.3	5408614.0	5561.60010	265.61	66.66	48.830486	-86.934892	56190.23	56277.1	-27.06	56163.17	56170.95313	56139.91089	56146.80859	504778.3	5408614.0
L4780.0	504778.3	5408614.0	5561.70020	264.02	66.66	48.830486	-86.934892	56190.86	56277.1	-27.07	56163.79	56171.56641	56140.24019	56147.14844	504778.3	5408614.0
L4780.0	504778.3	5408612.7	5561.79981	261.95	68.48	48.830474	-86.934892	56191.75	56277.1	-27.08	56164.67	56172.44531	56140.60472	56147.52734	504778.3	5408612.7
L4780.0	504778.3	5408611.0	5561.89990	262.77	68.48	48.830459	-86.934892	56191.93	56277.1	-27.08	56164.84	56172.61328	56140.86316	56147.79688	504778.3	5408611.0
L4780.0	504778.3	5408611.0	5562.00000	264.19	67.69	48.830459	-86.934892	56191.50	56277.1	-27.09	56164.41	56172.17969	56141.02318	56147.97266	504778.3	5408611.0
L4780.0	504778.3	5408609.0	5562.10010	265.36	67.69	48.830440	-86.934892	56190.68	56277.1	-27.10	56163.58	56171.34766	56141.10742	56148.07031	504778.3	5408609.0
L4780.0	504778.3	5408607.2	5562.20020	265.00	64.16	48.830425	-86.934892	56192.64	56277.1	-27.11	56165.53	56173.29688	56141.58739	56148.56250	504778.3	5408607.2
L4780.0	504778.3	5408606.2	5562.29981	264.02	66.91	48.830415	-86.934892	56192.41	56277.1	-27.12	56165.29	56173.05469	56141.72052	56148.70703	504778.3	5408606.2
L4780.0	504778.3	5408604.6	5562.39990	263.39	66.91	48.830401	-86.934892	56192.11	56277.1	-27.13	56164.98	56172.74609	56141.81807	56148.82031	504778.3	5408604.6
L4780.0	504778.3	5408603.4	5562.50000	266.51	66.41	48.830390	-86.934893	56193.92	56277.1	-27.14	56166.78	56174.54688	56142.20205	56149.21484	504778.3	5408603.4
L4780.0	504778.3	5408603.4	5562.60010	266.80	69.26	48.830390	-86.934893	56193.41	56277.2	-27.15	56166.26	56174.02734	56142.20737	56149.23438	504778.3	5408603.4
L4780.0	504778.3	5408601.7	5562.70020	265.71	69.26	48.830375	-86.934893	56193.32	56277.2	-27.16	56166.16	56173.92969	56142.24175	56149.28125	504778.3	5408601.7
L4780.0	504778.3	5408600.4	5562.79981	266.77	72.32	48.830363	-86.934893	56192.23	56277.2	-27.17	56165.06	56172.83203	56142.10208	56149.15625	504778.3	5408600.4
L4780.0	504778.3	5408598.9	5562.89990	268.91	72.32	48.830350	-86.934893	56193.59	56277.2	-27.18	56166.41	56174.18359	56142.26593	56149.33203	504778.3	5408598.9
L4780.0	504778.3	5408597.2	5563.00000	267.14	57.53	48.830335	-86.934893	56194.71	56277.2	-27.19	56167.52	56175.29688	56142.34476	56149.42578	504778.3	5408597.2
L4780.0	504778.3	5408596.3	5563.10010	266.92	57.53	48.830326	-86.934893	56195.90	56277.2	-27.19	56168.71	56176.49219	56142.37637	56149.46875	504778.3	5408596.3
L4780.0	504778.3	5408596.3	5563.20020	266.40	70.29	48.830326	-86.934893	56193.82	56277.2	-27.20	56166.63	56174.41797	56141.98822	56149.09375	504778.3	5408596.3
L4780.0	504778.3	5408594.8	5563.29981	267.15	67.76	48.830313	-86.934893	56194.36	56277.2	-27.20	56167.16	56174.95313	56141.86524	56148.98438	504778.3	5408594.8
L4780.0	504778.2	5408593.2	5563.39990	268.28	67.76	48.830299	-86.934893	56194.08	56277.2	-27.20	56166.88	56174.67578	56141.62827	56148.76172	504778.2	5408593.2
L4780.0	504778.2	5408592.2	5563.50000	267.96	72.13	48.830289	-86.934893	56194.61	56277.2	-27.21	56167.40	56175.20313	56141.42949	56148.57422	504778.2	5408592.2
L4780.0	504778.2	5408590.7	5563.60010	268.68	75.48	48.830276	-86.934893	56194.71	56277.2	-27.21	56167.50	56175.31250	56141.16601	56148.32422	504778.2	5408590.7
L4780.0	504778.2	5408589.4	5563.70020	266.90	75.48	48.830265	-86.934893	56195.66	56277.2	-27.21	56168.45	56176.26953	56140.91841	56148.08984	504778.2	5408589.4
L4780.0	504778.2	5408589.4	5563.79981	256.45	66.5	48.830265	-86.934893	56196.49	56277.2	-27.21	56169.27	56177.09766	56140.62167	56147.80469	504778.2	5408589.4
L4780.0	504778.2	5408587.6	5563.89990	255.28	66.5	48.830248	-86.934893	56195.54	56277.2	-27.22	56168.32	56176.15625	56140.25742	56147.45703	504778.2	5408587.6
L4780.0	504778.2	5408586.5	5564.00000	255.98	73.75	48.830238	-86.934893	56196.18	56277.2	-27.22	56168.96	56176.80469	56139.91704	56147.12891	504778.2	5408586.5
L4780.0	504778.2	5408585.1	5564.10010	254.47	75.28	48.830226	-86.934893	56195.35	56277.2	-27.23	56168.12	56175.97656	56139.57532	56146.80078	504778.2	5408585.1
L4780.0	504778.2	5408583.7	5564.20020	255.54	75.28	48.830213	-86.934893	56196.58	56277.2	-27.24	56169.34	56177.20703	56139.20402	56146.44141	504778.2	5408583.7
L4780.0	504778.2	5408582.6	5564.29981	257.08	75.91	48.830203	-86.934893	56196.16	56277.3	-27.25	56168.91	56176.78906	56138.87854	56146.12891	504778.2	5408582.6
L4780.0	504778.3	5408581.4	5564.39990	255.68	75.91	48.830192	-86.934893	56196.48	56277.3	-27.26	56169.22	56177.11328	56138.53887	56145.80469	504778.3	5408581.4
L4780.0	504778.3	5408579.7	5564.50000	256.17	76.21	48.830177	-86.934893	56196.50	56277.3	-27.27	56169.23	56177.13281	56138.34216	56145.62109	504778.3	5408579.7
L4780.0	504778.3	5408579.7	5564.60010	256.08	74.71	48.830177	-86.934893	56196.78	56277.3	-27.28	56169.50	56177.41797	56138.39387	56145.68359	504778.3	5408579.7
L4780.0	504778.3	5408579.7	5564.70020	254.75	74.71	48.830177	-86.934893	56196.90	56277.3	-27.29	56169.61	56177.54297	56138.45072	56145.75391	504778.3	5408579.7
L4780.0	504778.3	5408576.4	5564.79981	253.85	75.53	48.830147	-86.934893	56197.04	56277.3	-27.30	56169.74	56177.68750	56138.50069	56145.81641	504778.3	5408576.4
L4780.0	504778.3	5408575.1	5564.89990	254.78	73.62	48.830136	-86.934893	56197.01	56277.3	-27.31	56169.70	56177.66016	56138.55644	56145.88672	504778.3	5408575.1
L4780.0	504778.3	5408575.1	5565.00000	254.90	73.62	48.830136	-86.934893	56197.01	56277.3	-27.32	56169.69	56177.66797	56138.60462	56145.94922	504778.3	5408575.1
L4780.0	504778.3	5408573.1	5565.10010	253.70	68.57	48.830118	-86.934893	56197.09	56277.3	-27.33	56169.76	56177.75391	56138.64188	56146.00000	504778.3	5408573.1
L4780.0	504778.3	5408571.7	5565.20020	254.19	67.76	48.830105	-86.934893	56197.14	56277.3	-27.34	56169.80	56177.81250	56138.67555	56146.04688	504778.3	5408571.7
L4780.0	504778.3	5408570.1	5565.29981	252.48	67.76	48.830090	-86.934893	56197.32	56277.3	-27.35	56169.97	56178.00000	56138.69494	56146.07813	504778.3	5408570.1
L4780.0	504778.3	5408570.1	5565.39990	253.51	67.39	48.830090	-86.934893	56197.01	56277.4	-27.36	56169.65	56177.69531	56138.74140	56146.13672	504778.3	5408570.1
L4780.0	504778.3	5408568.9	5565.50000	256.08	67.39	48.830080	-86.934893	56197.67	56277.4	-27.37	56170.30	56178.36328	56138.71756	56146.12891	504778.3	5408568.9
L4780.0	504778.3	5408567.3	5565.60010	255.47	64.51	48.830066	-86.934893	56195.89	56277.4	-27.38	56168.51	56176.59375	56138.85076	56146.27344	504778.3	5408567.3
L4780.0	504778.3	5408566.4	5565.70020	255.20	64.51	48.830057	-86.934893	56195.63	56277.4	-27.39	56168.24	56176.34375	56138.87699	56146.31250	504778.3	5408566.4
L4780.0	504778.3	5408564.6	5565.79981	256.10	75.46	48.830042	-86.934893	56196.61	56277.4	-27.40	56169.21	56177.33203	56138.81491	56146.26563	504778.3	5408564.6
L4780.0	504778.3	5408564.6	5565.89990	255.05	65.83	48.830042	-86.934893	56197.46	56277.4	-27.41	56170.06	56178.20313	56138.75519	56146.21875	504778.3	5408564.6
L4780.0	504778.3	5408562.8	5566.00000	254.37	65.83	48.830025	-86.934893	56197.77	56277.4	-27.42	56170.35	56178.51563	56138.72714	56146.20313	504778.3	5408562.8
L4780.0	504778.3	5408561.2	5566.10010	253.76	68.62	48.830011	-86.934893	56197.21	56277.4	-27.43	56169.78	56177.96484	56138.75078	56146.24219	504778.3	5408561.2
L4780.0	504778.3	5408561.2	5566.20020	252.06	68.62	48.830011	-86.934893	56197.29	56277.4	-27.44	56169.85	56178.05859	56138.72609	56146.23047	504778.3	5408561.2
L4780.0	504778.3	5408558.0	5566.29981	254.07	67.61	48.829981	-86.934892	56197.43	56277.4	-27.45	56169.98	56178.21094	56138.69175	56146.20703	504778.3	5408558.0
L4780.0	504778.3	5408558.0	5566.39990	255.34	72.15	48.829981	-86.934892	56197.36	56277.5	-27.46	56169.90	56178.15234	56138.66575	56146.19531	504778.3	5408558.0
L4780.0	504778.3	5408556.0	5566.50000	253.06	72.15	48.829964	-86.934892	56197.58	56277.5	-27.47	56170.11	56178.38672	56138.61476	56146.16016	504778.3	5408556.0
L4780.0	504778.3	5408554.6	5566.60010	254.34	81.22	48.829951	-86.934892	56196.01	56277.5	-27.48	56168.53	56176.82813	56138.67745	56146.23438	504778.3	5408554.6
L4780.0	504778.3	5408554.6	5566.70020	254.40	81.22	48.829951	-86.934892	56196.61	56277.5	-27.49	56169.12	56177.44531	56138.58983	56146.16016	504778.3	5408554.6
L4780.0	504778.3	5408553.0	5566.79981	256.28	77.57	48.829937	-86.934892	56197.04	56277.5	-27.50	56169.54	56177.88672	56138.50790	56146.08984	504778.3	5408553.0
L4780.0	504778.3	5408551.7	5566.89990	257.20	77.57	48.829925	-86.934892	56197.12	56277.5	-27.51	56169.61	56177.98047	56138.44367	56146.03906	504778.3	5408551.7
L4780.0	504778.3	5408550.0	5567.00000	255.69	80.01	48.829910	-86.934892	56197.59	56277.5	-27.52	56170.07	56178.46484	56138.34782	56145.95703	504778.3	5408550.0
L4780.0	504778.3	5408548.3	5567.10010	256.17	80.01	48.829894	-86.934892	56196.12	56277.5	-27.53	56168.59	56177.01172	56138.37569	56146.00000	504778.3	5408548.3
L4780.0	504778.3	5408548.3	5567.20020	254.56	82.38	48.829894	-86.934892	56196.11	56277.5	-27.54	56168.57	56177.01563	56138.30063	56145.93750	504778.3	5408548.3
L4780.0	504778.3	5408546.3	5567.29981	255.17	82.38	48.829877	-86.934892	56195.89	56277.6	-27.56	56168.34	56176.81250	56138.23399	56145.88281	504778.3	5408546.3
L4780.0	504778.3	5408544.9	5567.39990	254.86	76	48.829864	-86.934893	56196.38	56277.6	-27.57	56168.81	56177.30859	56138.11512	56145.77734	504778.3	5408544.9
L4780.0	504778.3	5408544.9	5567.50000	256.46	72.04	48.829864	-86.934893	56196.11	56277.6	-27.58	56168.53	56177.05469	56138.04070	56145.71875	504778.3	5408544.9
L4780.0	504778.3	5408542.9	5567.60010	259.40	72.04	48.829846	-86.934893	56196.20	56277.6	-27.59	56168.61	56177.16016	56137.93675	56145.62891	504778.3	5408542.9
L4780.0	504778.3	5408542.9	5567.70020	257.39	70.29	48.829846	-86.934893	56195.75	56277.6	-27.60	56168.15	56176.72656	56137.86331	56145.56641	504778.3	5408542.9
L4780.0	504778.3	5408541.5	5567.79981	256.06	70.29	48.829833	-86.934893	56195.54	56277.6	-27.62	56167.92	56176.52344	56137.76906	56145.48828	504778.3	5408541.5
L4780.0	504778.3	5408540.0	5567.89990	255.04	82.71	48.829820	-86.934893	56195.90	56277.6	-27.63	56168.27	56176.89844	56137.63070	56145.36328	504778.3	5408540.0
L4780.0	504778.3	5408538.6	5568.00000	254.87	82.71	48.829807	-86.934893	56194.66	56277.6	-27.64	56167.02	56175.67578	56137.59359	56145.33984	504778.3	5408538.6
L4780.0	504778.3	5408538.6	5568.10010	252.79	67.6	48.829807	-86.934893	56194.79	56277.7	-27.65	56167.13	56175.81250	56137.46043	56145.21875	504778.3	5408538.6
L4780.0	504778.3	5408536.8	5568.20020	254.99	67.45	48.829791	-86.934893	56194.68	56277.7	-27.66	56167.01	56175.71875	56137.33726	56145.10938	504778.3	5408536.8
L4780.0	504778.3	5408535.4	5568.29981	254.92	67.45	48.829779	-86.934893	56194.43	56277.7	-27.67	56166.76	56175.49609	56137.21743	56145.00391	504778.3	5408535.4
L4780.0	504778.3	5408534.2	5568.39990	255.01	76.61	48.829767	-86.934893	56194.56	56277.7	-27.68	56166.88	56175.64453	56137.06767	56144.86719	504778.3	5408534.2
L4780.0	504778.3	5408532.7	5568.50000	256.10	82.52	48.829755	-86.934893	56194.38	56277.7	-27.69	56166.68	56175.47266	56136.93401	56144.74609	504778.3	5408532.7
L4780.0	504778.3	5408531.3	5568.60010	256.00	82.52	48.829742	-86.934894	56193.94	56277.7	-27.71	56166.23	56175.04688	56136.81183	56144.63672	504778.3	5408531.3
L4780.0	504778.3	5408529.9	5568.70020	257.60	78.69	48.829729	-86.934894	56193.36	56277.7	-27.72	56165.65	56174.49609	56136.69316	56144.53125	504778.3	5408529.9
L4780.0	504778.3	5408529.9	5568.79981	258.36	78.69	48.829729	-86.934894	56193.24	56277.7	-27.73	56165.51	56174.38281	56136.54006	56144.39063	504778.3	5408529.9
L4780.0	504778.3	5408527.6	5568.89990	256.95	74.25	48.829709	-86.934894	56192.44	56277.7	-27.74	56164.70	56173.59766	56136.42658	56144.29297	504778.3	5408527.6
L4780.0	504778.3	5408527.6	5569.00000	255.14	73.75	48.829709	-86.934894	56192.52	56277.8	-27.75	56164.77	56173.69531	56136.24943	56144.12891	504778.3	5408527.6
L4780.0	504778.3	5408525.5	5569.10010	255.01	73.75	48.829690	-86.934894	56192.83	56277.8	-27.77	56165.07	56174.02344	56136.05199	56143.94531	504778.3	5408525.5
L4780.0	504778.3	5408524.5	5569.20020	253.13	75.28	48.829681	-86.934894	56192.36	56277.8	-27.78	56164.57	56173.55078	56135.90299	56143.80859	504778.3	5408524.5
L4780.0	504778.3	5408524.5	5569.29981	252.70	75.42	48.829681	-86.934894	56191.27	56277.8	-27.80	56163.47	56172.47656	56135.78916	56143.70703	504778.3	5408524.5
L4780.0	504778.3	5408522.0	5569.29981	252.70	75.42	48.829658	-86.934893	56190.66	56277.8	-27.80	56162.86	56171.89453	56135.63787	56143.57031	504778.3	5408522.0
L4780.0	504778.3	5408522.0	5569.39990	253.16	71.46	48.829658	-86.934893	56191.57	56277.8	-27.82	56163.76	56172.82031	56135.38119	56143.32813	504778.3	5408522.0
L4780.0	504778.3	5408520.5	5569.60010	253.43	74.67	48.829645	-86.934893	56190.39	56277.9	-27.85	56162.54	56171.62891	56135.26119	56143.21875	504778.3	5408520.5
L4780.0	504778.3	5408519.0	5569.70020	253.43	74.19	48.829631	-86.934893	56189.97	56277.9	-27.87	56162.10	56171.21484	56135.08458	56143.05859	504778.3	5408519.0
L4780.0	504778.3	5408517.9	5569.79981	253.09	74.19	48.829621	-86.934893	56190.40	56277.9	-27.89	56162.52	56171.66016	56134.84612	56142.83203	504778.3	5408517.9
L4780.0	504778.3	5408516.6	5569.89990	252.39	79.4	48.829609	-86.934893	56189.98	56277.9	-27.90	56162.08	56171.24609	56134.66052	56142.66016	504778.3	5408516.6
L4780.0	504778.3	5408515.4	5570.00000	254.94	79.51	48.829599	-86.934893	56189.95	56277.9	-27.92	56162.03	56171.22266	56134.44452	56142.45703	504778.3	5408515.4
L4780.0	504778.4	5408514.2	5570.10010	254.57	79.23	48.829588	-86.934892	56189.96	56277.9	-27.93	56162.03	56171.24609	56134.22087	56142.24609	504778.4	5408514.2
L4780.0	504778.4	5408512.5	5570.20020	255.89	79.23	48.829573	-86.934892	56188.84	56277.9	-27.94	56160.90	56170.14063	56134.06831	56142.10938	504778.4	5408512.5
L4780.0	504778.4	5408512.5	5570.29981	255.60	75.17	48.829573	-86.934892	56188.18	56278	-27.96	56160.22	56169.48828	56133.88157	56141.93750	504778.4	5408512.5
L4780.0	504778.4	5408511.1	5570.39990	254.52	78.69	48.829560	-86.934892	56187.98	56278	-27.97	56160.01	56169.30078	56133.65940	56141.72656	504778.4	5408511.1

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4780.0	504778.4	5408509.1	5570.50000	254.74	78.69	48.829542	-86.934892	56187.74	56278	-27.98	56159.76	56169.07813	56133.43589	56141.51563	504778.4	5408509.1
L4780.0	504778.4	5408509.1	5570.60010	254.13	82	48.829542	-86.934892	56187.47	56278	-27.99	56159.48	56168.82031	56133.21044	56141.30469	504778.4	5408509.1
L4780.0	504778.4	5408507.4	5570.70020	254.70	79.69	48.829527	-86.934892	56186.90	56278	-28.00	56158.89	56168.25391	56133.00182	56141.10938	504778.4	5408507.4
L4780.0	504778.4	5408506.2	5570.79981	255.79	77.88	48.829516	-86.934892	56186.20	56278	-28.02	56158.18	56167.57031	56132.79743	56140.91797	504778.4	5408506.2
L4780.0	504778.4	5408504.0	5570.89990	257.14	77.88	48.829496	-86.934892	56185.36	56278	-28.03	56157.33	56166.74219	56132.59870	56140.73438	504778.4	5408504.0
L4780.0	504778.4	5408504.0	5571.00000	256.45	78.51	48.829496	-86.934892	56185.22	56278	-28.04	56157.18	56166.61719	56132.34973	56140.50000	504778.4	5408504.0
L4780.0	504778.4	5408502.8	5571.10010	256.09	79.9	48.829485	-86.934892	56185.14	56278.1	-28.05	56157.09	56166.54688	56132.09326	56140.25781	504778.4	5408502.8
L4780.0	504778.4	5408501.2	5571.20020	256.04	79.9	48.829471	-86.934892	56185.30	56278.1	-28.07	56157.23	56166.71094	56131.81806	56139.99609	504778.4	5408501.2
L4780.0	504778.4	5408500.0	5571.29981	254.84	83.65	48.829460	-86.934892	56183.86	56278.1	-28.08	56155.78	56165.28125	56131.64556	56139.83594	504778.4	5408500.0
L4780.0	504778.4	5408498.5	5571.39990	255.71	87.66	48.829447	-86.934892	56183.20	56278.1	-28.09	56155.11	56164.63281	56131.41785	56139.62109	504778.4	5408498.5
L4780.0	504778.4	5408498.5	5571.50000	254.86	88.12	48.829447	-86.934892	56183.36	56278.1	-28.10	56155.25	56164.79688	56131.13301	56139.35156	504778.4	5408498.5
L4780.0	504778.4	5408496.9	5571.60010	254.68	88.12	48.829432	-86.934892	56182.87	56278.1	-28.12	56154.75	56164.31641	56130.88783	56139.12109	504778.4	5408496.9
L4780.0	504778.4	5408495.2	5571.70020	255.25	87.68	48.829417	-86.934892	56181.91	56278.1	-28.13	56153.78	56163.36719	56130.67105	56138.91797	504778.4	5408495.2
L4780.0	504778.4	5408494.0	5571.79981	257.32	87.68	48.829406	-86.934892	56180.63	56278.1	-28.14	56152.48	56162.08984	56130.47344	56138.73438	504778.4	5408494.0
L4780.0	504778.4	5408492.6	5571.89990	256.43	88.34	48.829393	-86.934892	56180.96	56278.2	-28.16	56152.81	56162.43750	56130.16443	56138.43750	504778.4	5408492.6
L4780.0	504778.4	5408492.6	5572.00000	255.18	88.63	48.829393	-86.934892	56180.19	56278.2	-28.17	56152.02	56161.66797	56129.92744	56138.21484	504778.4	5408492.6
L4780.0	504778.4	5408491.2	5572.10010	255.89	88.63	48.829381	-86.934892	56179.34	56278.2	-28.19	56151.15	56160.81641	56129.69324	56137.99609	504778.4	5408491.2
L4780.0	504778.4	5408489.7	5572.20020	257.77	72.94	48.829368	-86.934892	56179.98	56278.2	-28.21	56151.78	56161.46484	56129.35659	56137.67188	504778.4	5408489.7
L4780.0	504778.4	5408489.7	5572.29981	255.96	73.85	48.829368	-86.934892	56179.05	56278.2	-28.23	56150.82	56160.52344	56129.12358	56137.45313	504778.4	5408489.7
L4780.0	504778.4	5408487.4	5572.39990	256.44	74.97	48.829346	-86.934892	56178.86	56278.2	-28.25	56150.61	56160.33203	56128.83829	56137.18359	504778.4	5408487.4
L4780.0	504778.4	5408487.4	5572.50000	255.28	74.97	48.829346	-86.934892	56176.82	56278.3	-28.26	56148.56	56158.30078	56128.67348	56137.03516	504778.4	5408487.4
L4780.0	504778.4	5408485.4	5572.60010	255.56	77	48.829329	-86.934892	56176.90	56278.3	-28.28	56148.61	56158.36719	56128.36659	56136.74219	504778.4	5408485.4
L4780.0	504778.4	5408484.0	5572.70020	255.35	80.34	48.829316	-86.934892	56177.46	56278.3	-28.30	56149.15	56158.92578	56128.02501	56136.41406	504778.4	5408484.0
L4780.0	504778.4	5408483.0	5572.79981	255.45	80.32	48.829308	-86.934892	56177.13	56278.3	-28.32	56148.81	56158.60156	56127.74018	56136.14453	504778.4	5408483.0
L4780.0	504778.4	5408481.6	5572.89990	254.01	80.32	48.829295	-86.934892	56176.34	56278.3	-28.34	56148.00	56157.80859	56127.48485	56135.90234	504778.4	5408481.6
L4780.0	504778.4	5408480.2	5573.00000	254.66	79.44	48.829282	-86.934892	56174.83	56278.4	-28.36	56146.47	56156.29297	56127.27576	56135.70703	504778.4	5408480.2
L4780.0	504778.4	5408479.4	5573.10010	254.68	79.58	48.829275	-86.934892	56175.26	56278.4	-28.37	56146.89	56156.73047	56126.93499	56135.38281	504778.4	5408479.4
L4780.0	504778.4	5408478.0	5573.20020	254.62	79.58	48.829262	-86.934892	56175.50	56278.4	-28.38	56147.12	56156.97266	56126.60529	56135.06641	504778.4	5408478.0
L4780.0	504778.4	5408476.8	5573.29981	254.55	80.61	48.829251	-86.934892	56175.24	56278.4	-28.39	56146.85	56156.71875	56126.30741	56134.78125	504778.4	5408476.8
L4780.0	504778.4	5408475.4	5573.39990	253.72	81	48.829239	-86.934892	56174.02	56278.4	-28.40	56145.62	56155.50000	56126.07209	56134.56250	504778.4	5408475.4
L4780.0	504778.4	5408474.9	5573.50000	255.11	81	48.829234	-86.934892	56173.48	56278.4	-28.41	56145.07	56154.96484	56125.79007	56134.29688	504778.4	5408474.9
L4780.0	504778.4	5408473.2	5573.60010	255.48	78.88	48.829219	-86.934892	56173.02	56278.4	-28.42	56144.60	56154.50781	56125.50143	56134.01953	504778.4	5408473.2
L4780.0	504778.4	5408471.8	5573.70020	255.32	85.57	48.829206	-86.934892	56172.39	56278.4	-28.43	56143.96	56153.88281	56125.22290	56133.75781	504778.4	5408471.8
L4780.0	504778.4	5408470.6	5573.79981	255.15	89.96	48.829195	-86.934892	56171.64	56278.4	-28.44	56143.20	56153.13281	56124.95123	56133.50000	504778.4	5408470.6
L4780.0	504778.4	5408470.6	5573.89990	256.20	89.66	48.829195	-86.934892	56170.76	56278.4	-28.45	56142.31	56152.25391	56124.68715	56133.25000	504778.4	5408470.6
L4780.0	504778.4	5408468.6	5574.00000	257.51	89.66	48.829178	-86.934892	56171.14	56278.5	-28.46	56142.68	56152.63672	56124.33808	56132.91797	504778.4	5408468.6
L4780.0	504778.4	5408467.2	5574.10010	258.34	77.08	48.829165	-86.934892	56170.17	56278.5	-28.47	56141.70	56151.66797	56124.07807	56132.67188	504778.4	5408467.2
L4780.0	504778.4	5408466.4	5574.20020	257.27	77.4	48.829158	-86.934892	56169.98	56278.5	-28.48	56141.50	56151.48047	56123.76519	56132.37500	504778.4	5408466.4
L4780.0	504778.4	5408464.9	5574.29981	256.33	78.48	48.829145	-86.934892	56169.82	56278.5	-28.49	56141.33	56151.32031	56123.44953	56132.07422	504778.4	5408464.9
L4780.0	504778.4	5408464.9	5574.39990	255.50	78.48	48.829145	-86.934892	56169.32	56278.5	-28.50	56140.82	56150.82031	56123.15580	56131.79297	504778.4	5408464.9
L4780.0	504778.4	5408462.3	5574.50000	255.47	79.03	48.829121	-86.934892	56168.96	56278.5	-28.51	56140.45	56150.45703	56122.85207	56131.50781	504778.4	5408462.3
L4780.0	504778.4	5408461.1	5574.60010	255.31	79.03	48.829110	-86.934892	56168.33	56278.5	-28.52	56139.81	56149.82813	56122.56575	56131.23438	504778.4	5408461.1
L4780.0	504778.4	5408461.1	5574.70020	255.38	77.61	48.829110	-86.934892	56167.92	56278.5	-28.53	56139.39	56149.41406	56122.26422	56130.94922	504778.4	5408461.1
L4780.0	504778.4	5408459.7	5574.79981	253.62	81.61	48.829097	-86.934892	56167.12	56278.5	-28.54	56138.58	56148.61328	56121.98822	56130.68750	504778.4	5408459.7
L4780.0	504778.4	5408458.5	5574.89990	253.46	87.47	48.829087	-86.934892	56166.93	56278.5	-28.55	56138.38	56148.42188	56121.67114	56130.38672	504778.4	5408458.5
L4780.0	504778.4	5408457.3	5575.00000	254.99	87.47	48.829076	-86.934892	56166.46	56278.6	-28.56	56137.90	56147.94922	56121.37238	56130.10156	504778.4	5408457.3
L4780.0	504778.4	5408456.1	5575.10010	254.32	85.96	48.829065	-86.934892	56166.03	56278.6	-28.57	56137.46	56147.51563	56121.07065	56129.81641	504778.4	5408456.1
L4780.0	504778.4	5408454.4	5575.20020	254.25	89.94	48.829050	-86.934893	56164.98	56278.6	-28.58	56136.40	56146.46094	56120.81002	56129.57031	504778.4	5408454.4
L4780.0	504778.4	5408453.4	5575.29981	254.27	89.94	48.829041	-86.934893	56164.72	56278.6	-28.59	56136.13	56146.19922	56120.49654	56129.27344	504778.4	5408453.4
L4780.0	504778.4	5408451.7	5575.39990	254.11	90.88	48.829026	-86.934893	56163.73	56278.6	-28.60	56135.12	56145.19531	56120.23226	56129.02344	504778.4	5408451.7
L4780.0	504778.4	5408450.2	5575.50000	252.66	90.88	48.829012	-86.934893	56163.74	56278.6	-28.61	56135.12	56145.19922	56119.90056	56128.70703	504778.4	5408450.2
L4780.0	504778.4	5408450.2	5575.60010	254.63	90.86	48.829012	-86.934893	56162.94	56278.6	-28.63	56134.31	56144.39453	56119.62283	56128.44141	504778.4	5408450.2
L4780.0	504778.3	5408448.6	5575.70020	254.75	91.1	48.828998	-86.934893	56162.64	56278.6	-28.64	56134.00	56144.08984	56119.31178	56128.14844	504778.3	5408448.6
L4780.0	504778.3	5408447.2	5575.79981	252.35	91.1	48.828985	-86.934894	56162.96	56278.6	-28.65	56134.31	56144.40625	56118.95945	56127.80859	504778.3	5408447.2
L4780.0	504778.3	5408447.2	5575.89990	251.16	91.34	48.828985	-86.934894	56162.21	56278.7	-28.66	56133.56	56143.66016	56118.67788	56127.54297	504778.3	5408447.2
L4780.0	504778.3	5408445.5	5576.00000	250.86	91.51	48.828970	-86.934894	56161.32	56278.7	-28.67	56132.65	56142.75391	56118.40711	56127.28906	504778.3	5408445.5
L4780.0	504778.3	5408443.8	5576.10010	251.10	91.51	48.828955	-86.934894	56160.77	56278.7	-28.68	56132.09	56142.19531	56118.11317	56127.00781	504778.3	5408443.8
L4780.0	504778.3	5408442.4	5576.20020	250.93	79.87	48.828942	-86.934894	56160.92	56278.7	-28.69	56132.23	56142.33984	56117.77276	56126.68359	504778.3	5408442.4
L4780.0	504778.3	5408442.4	5576.29981	252.89	81.92	48.828942	-86.934894	56161.06	56278.7	-28.69	56132.37	56142.48047	56117.43258	56126.35938	504778.3	5408442.4
L4780.0	504778.3	5408440.9	5576.39990	252.40	81.92	48.828929	-86.934894	56159.81	56278.7	-28.70	56131.10	56141.21484	56117.18666	56126.12891	504778.3	5408440.9
L4780.0	504778.3	5408439.6	5576.50000	252.54	82.2	48.828917	-86.934894	56159.14	56278.7	-28.71	56130.43	56140.54688	56116.90100	56125.85547	504778.3	5408439.6
L4780.0	504778.3	5408438.4	5576.60010	252.92	79.82	48.828906	-86.934894	56158.82	56278.7	-28.72	56130.11	56140.22656	56116.59231	56125.56250	504778.3	5408438.4
L4780.0	504778.3	5408437.1	5576.70020	251.37	79.82	48.828894	-86.934894	56158.34	56278.7	-28.73	56129.61	56139.73047	56116.29592	56125.28125	504778.3	5408437.1
L4780.0	504778.3	5408435.7	5576.79981	251.81	80.66	48.828882	-86.934894	56158.94	56278.7	-28.73	56130.20	56140.32031	56115.92718	56124.92578	504778.3	5408435.7
L4780.0	504778.3	5408434.3	5576.89990	252.22	80.72	48.828869	-86.934894	56158.26	56278.7	-28.74	56129.52	56139.64063	56115.64344	56124.65625	504778.3	5408434.3
L4780.0	504778.3	5408434.3	5577.00000	252.20	81.61	48.828869	-86.934894	56156.11	56278.8	-28.75	56127.36	56137.48047	56115.45869	56124.48828	504778.3	5408434.3
L4780.0	504778.3	5408432.8	5577.10010	251.00	82.55	48.828856	-86.934894	56157.18	56278.8	-28.76	56128.42	56138.54297	56115.05961	56124.10156	504778.3	5408432.8
L4780.0	504778.3	5408431.3	5577.20020	249.82	82.55	48.828843	-86.934894	56157.25	56278.8	-28.76	56128.48	56138.60156	56114.72752	56123.78516	504778.3	5408431.3
L4780.0	504778.3	5408429.7	5577.29981	251.09	90.38	48.828827	-86.934894	56155.93	56278.8	-28.77	56127.15	56137.26953	56114.48841	56123.55859	504778.3	5408429.7
L4780.0	504778.3	5408429.7	5577.39990	251.30	93	48.828827	-86.934894	56156.02	56278.8	-28.78	56127.24	56137.35938	56114.15495	56123.24219	504778.3	5408429.7
L4780.0	504778.3	5408428.2	5577.50000	252.12	83.98	48.828815	-86.934894	56156.11	56278.8	-28.79	56127.32	56137.43750	56113.82245	56122.92188	504778.3	5408428.2
L4780.0	504778.4	5408426.8	5577.60010	251.51	83.98	48.828801	-86.934893	56155.73	56278.8	-28.79	56126.94	56137.05859	56113.52090	56122.63672	504778.4	5408426.8
L4780.0	504778.4	5408424.6	5577.70020	252.17	92.81	48.828782	-86.934893	56154.62	56278.8	-28.80	56125.82	56135.93359	56113.26893	56122.39844	504778.4	5408424.6
L4780.0	504778.4	5408424.6	5577.79981	250.67	76.33	48.828782	-86.934893	56154.44	56278.8	-28.81	56125.63	56135.74219	56112.95519	56122.09766	504778.4	5408424.6
L4780.0	504778.4	5408423.4	5577.89990	253.18	76.19	48.828771	-86.934892	56155.06	56278.8	-28.81	56126.25	56136.36328	56112.58766	56121.74219	504778.4	5408423.4
L4780.0	504778.5	5408421.7	5578.00000	253.52	76.19	48.828756	-86.934892	56153.93	56278.8	-28.82	56125.11	56135.21875	56112.33762	56121.50391	504778.5	5408421.7
L4780.0	504778.5	5408420.5	5578.10010	251.79	76.75	48.828745	-86.934892	56153.77	56278.8	-28.83	56124.93	56135.03516	56112.02372	56121.20313	504778.5	5408420.5
L4780.0	504778.5	5408419.6	5578.20020	253.30	79.26	48.828737	-86.934892	56152.74	56278.8	-28.85	56123.89	56133.99219	56111.76724	56120.96094	504778.5	5408419.6
L4780.0	504778.5	5408418.2	5578.29981	254.46	82.13	48.828724	-86.934891	56152.88	56278.9	-28.86	56124.02	56134.12109	56111.43280	56120.64063	504778.5	5408418.2
L4780.0	504778.5	5408417.0	5578.39990	252.62	82.13	48.828713	-86.934891	56153.61	56278.9	-28.88	56124.73	56134.82813	56111.05970	56120.28125	504778.5	5408417.0
L4780.0	504778.5	5408417.0	5578.50000	252.34	82.35	48.828713	-86.934891	56153.06	56278.9	-28.89	56124.17	56134.26172	56110.77122	56120.00391	504778.5	5408417.0
L4780.0	504778.6	5408415.6	5578.60010	254.88	94.66	48.828701	-86.934891	56152.51	56278.9	-28.90	56123.61	56133.69922	56110.48263	56119.72656	504778.6	5408415.6
L4780.0	504778.6	5408413.1	5578.70020	254.19	94.66	48.828679	-86.934891	56150.82	56278.9	-28.92	56121.90	56131.98438	56110.27054	56119.52734	504778.6	5408413.1
L4780.0	504778.6	5408411.9	5578.79981	251.70	94.62	48.828668	-86.934890	56151.54	56278.9	-28.93	56122.60	56132.67969	56109.89757	56119.16406	504778.6	5408411.9
L4780.0	504778.6	5408411.9	5578.89990	251.31	80.19	48.828668	-86.934890	56151.15	56278.9	-28.95	56122.21	56132.28516	56109.59698	56118.87500	504778.6	5408411.9
L4780.0	504778.6	5408410.5	5579.00000	251.37	80.11	48.828655	-86.934890	56150.91	56279	-28.96	56121.95	56132.01953	56109.28736	56118.57813	504778.6	5408410.5
L4780.0	504778.6	5408409.1	5579.10010	251.29	80.3	48.828642	-86.934890	56151.71	56279	-28.96	56122.74	56132.80469	56108.90732	56118.21094	504778.6	5408409.1
L4780.0	504778.6	5408407.9	5579.20020	253.79	80.7	48.828632	-86.934890	56150.32	56279	-28.97	56121.35	56131.41016	56108.67212	56117.98438	504778.6	5408407.9
L4780.0	504778.6	5408406.7	5579.29981	253.67	80.7	48.828621	-86.934890	56151.38	56279	-28.97	56122.41	56132.46484	56108.27302	56117.59766	504778.6	5408406.7
L4780.0	504778.6	5408405.7	5579.39990	254.23	94.08	48.828612	-86.934890	56149.06	56279	-28.98	56120.08	56130.12891	56108.09926	56117.43359	504778.6	5408405.7
L4780.0	504778.7	5408404.5	5579.50000	254.03	93.6	48.828601	-86.934890	56150.52	56279	-28.98	56121.54	56131.58203	56107.67211	56117.01563	504778.7	5408404.5
L4780.0	504778.7	5408403.1	5579.60010	254.02	93.6	48.828588	-86.934889	56149.46	56279	-28.98	56120.47	56130.50781	56107.41280	56116.76563	504778.7	5408403.1
L4780.0	504778.7	5408401.9	5579.70020	252.86	93.63	48.828578	-86.934889	56149.38	56279	-28.99	56120.40	56130.42969	56107.08594	56116.44922	504778.7	5408401.9

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4780.0	504778.7	5408400.4	5579.79981	255.34	88.35	48.828564	-86.934889	56149.83	56279	-28.99	56120.84	56130.86328	56106.72408	56116.09766	504778.7	5408400.4
L4780.0	504778.7	5408399.7	5579.89990	254.54	88.35	48.828558	-86.934889	56149.08	56279	-29.00	56120.08	56130.09766	56106.44115	56115.82422	504778.7	5408399.7
L4780.0	504778.7	5408398.2	5580.00000	254.80	83.56	48.828544	-86.934889	56149.16	56279	-29.00	56120.16	56130.17188	56106.10105	56115.49219	504778.7	5408398.2
L4780.0	504778.7	5408398.2	5580.10010	253.59	81.82	48.828544	-86.934889	56148.93	56279	-29.01	56119.92	56129.92188	56105.78103	56115.17969	504778.7	5408398.2
L4780.0	504778.7	5408396.6	5580.20020	253.99	82.18	48.828530	-86.934889	56147.38	56279	-29.01	56118.36	56128.35547	56105.54765	56114.95703	504778.7	5408396.6
L4780.0	504778.7	5408394.4	5580.29981	252.40	84.32	48.828510	-86.934889	56148.14	56279	-29.02	56119.12	56129.10938	56105.15814	56114.57422	504778.7	5408394.4
L4780.0	504778.7	5408394.4	5580.39990	255.62	81.73	48.828510	-86.934889	56146.78	56279	-29.03	56117.75	56127.73047	56104.90909	56114.33203	504778.7	5408394.4
L4780.0	504778.8	5408393.0	5580.50000	255.07	81.73	48.828497	-86.934888	56147.02	56279	-29.03	56117.99	56127.96094	56104.55105	56113.98047	504778.8	5408393.0
L4780.0	504778.8	5408391.3	5580.60010	253.53	83.17	48.828482	-86.934888	56147.77	56279	-29.04	56118.73	56128.69531	56104.15793	56113.59375	504778.8	5408391.3
L4780.0	504778.8	5408390.3	5580.70020	255.68	83.08	48.828474	-86.934888	56146.67	56279	-29.05	56117.62	56127.57422	56103.88628	56113.32813	504778.8	5408390.3
L4780.0	504778.8	5408388.9	5580.79981	254.54	82.74	48.828461	-86.934888	56147.54	56279.1	-29.06	56118.48	56128.42578	56103.48135	56112.92969	504778.8	5408388.9
L4780.0	504778.8	5408388.9	5580.89990	254.64	82.74	48.828461	-86.934888	56146.38	56279.1	-29.06	56117.31	56127.24609	56103.20969	56112.66406	504778.8	5408388.9
L4780.0	504778.8	5408386.1	5581.00000	257.92	83.89	48.828435	-86.934888	56147.02	56279.1	-29.07	56117.95	56127.87891	56102.81521	56112.27734	504778.8	5408386.1
L4780.0	504778.8	5408386.1	5581.10010	258.98	93.59	48.828435	-86.934888	56144.90	56279.1	-29.08	56115.82	56125.73828	56102.60311	56112.07031	504778.8	5408386.1
L4780.0	504778.8	5408384.9	5581.20020	257.93	94.14	48.828424	-86.934887	56145.22	56279.1	-29.10	56116.12	56126.03125	56102.22665	56111.69531	504778.8	5408384.9
L4780.0	504778.9	5408383.2	5581.29981	258.99	94.59	48.828409	-86.934887	56146.12	56279.1	-29.11	56117.01	56126.91016	56101.80837	56111.28125	504778.9	5408383.2
L4780.0	504778.9	5408382.0	5581.39990	258.05	94.59	48.828399	-86.934887	56144.77	56279.1	-29.12	56115.65	56125.53906	56101.53751	56111.01563	504778.9	5408382.0
L4780.0	504778.9	5408380.6	5581.50000	256.04	81.74	48.828386	-86.934887	56145.64	56279.1	-29.13	56116.51	56126.39063	56101.11596	56110.59766	504778.9	5408380.6
L4780.0	504778.9	5408379.3	5581.60010	256.99	80.95	48.828374	-86.934887	56145.21	56279.1	-29.15	56116.06	56125.92969	56100.77895	56110.26172	504778.9	5408379.3
L4780.0	504778.9	5408378.2	5581.70020	256.55	80.95	48.828364	-86.934887	56143.97	56279.2	-29.16	56114.81	56124.66797	56100.49237	56109.98047	504778.9	5408378.2
L4780.0	504778.9	5408378.2	5581.79981	255.69	83.57	48.828364	-86.934887	56144.19	56279.2	-29.17	56115.02	56124.86719	56100.10545	56109.59375	504778.9	5408378.2
L4780.0	504778.9	5408376.9	5581.89990	258.30	85.1	48.828352	-86.934887	56143.70	56279.2	-29.19	56114.51	56124.34766	56099.76344	56109.25391	504778.9	5408376.9
L4780.0	504778.9	5408375.5	5582.00000	258.88	85.1	48.828340	-86.934887	56143.90	56279.2	-29.20	56114.70	56124.52734	56099.37155	56108.86328	504778.9	5408375.5
L4780.0	504778.9	5408374.5	5582.10010	257.33	86.6	48.828331	-86.934887	56143.11	56279.2	-29.21	56113.90	56123.71484	56099.04236	56108.53516	504778.9	5408374.5
L4780.0	504778.9	5408373.1	5582.20020	257.08	89.77	48.828318	-86.934887	56142.88	56279.2	-29.23	56113.65	56123.45313	56098.67310	56108.16797	504778.9	5408373.1
L4780.0	504778.9	5408371.8	5582.29981	255.96	82.43	48.828307	-86.934887	56143.14	56279.2	-29.24	56113.90	56123.69141	56098.26701	56107.76172	504778.9	5408371.8
L4780.0	504778.9	5408370.4	5582.39990	257.39	82.43	48.828294	-86.934887	56143.14	56279.3	-29.25	56113.89	56123.66797	56097.87467	56107.36719	504778.9	5408370.4
L4780.0	504778.9	5408369.0	5582.50000	257.70	81.23	48.828281	-86.934887	56141.89	56279.3	-29.26	56112.63	56122.39844	56097.56198	56107.05469	504778.9	5408369.0
L4780.0	504778.9	5408367.5	5582.60010	256.59	82.82	48.828268	-86.934887	56141.20	56279.3	-29.28	56111.93	56121.68359	56097.20819	56106.69922	504778.9	5408367.5
L4780.0	504778.9	5408366.3	5582.70020	254.82	83.6	48.828258	-86.934887	56141.70	56279.3	-29.29	56112.41	56122.15234	56096.77189	56106.26172	504778.9	5408366.3
L4780.0	504778.9	5408366.3	5582.79981	256.34	83.74	48.828258	-86.934887	56141.84	56279.3	-29.30	56112.54	56122.26953	56096.35499	56105.84375	504778.9	5408366.3
L4780.0	504778.8	5408364.6	5582.89990	253.78	83.74	48.828242	-86.934888	56141.19	56279.3	-29.32	56111.87	56121.58594	56095.98742	56105.47266	504778.8	5408364.6
L4780.0	504778.8	5408363.4	5583.00000	253.25	93.91	48.828231	-86.934888	56140.84	56279.3	-29.33	56111.51	56121.21094	56095.59511	56105.07422	504778.8	5408363.4
L4780.0	504778.8	5408362.1	5583.10010	255.11	87.29	48.828220	-86.934888	56140.72	56279.3	-29.34	56111.38	56121.07031	56095.18332	56104.66016	504778.8	5408362.1
L4780.0	504778.8	5408360.4	5583.20020	254.16	87.29	48.828205	-86.934889	56140.18	56279.4	-29.36	56110.82	56120.49609	56094.79598	56104.26953	504778.8	5408360.4
L4780.0	504778.7	5408358.7	5583.29981	253.83	91.46	48.828189	-86.934889	56139.50	56279.4	-29.37	56110.12	56119.78125	56094.41370	56103.88281	504778.7	5408358.7
L4780.0	504778.7	5408358.7	5583.39990	255.12	80.5	48.828189	-86.934889	56138.88	56279.4	-29.39	56109.49	56119.13672	56094.02244	56103.48438	504778.7	5408358.7
L4780.0	504778.7	5408357.3	5583.50000	254.48	82.25	48.828177	-86.934889	56138.63	56279.4	-29.40	56109.23	56118.86328	56093.60212	56103.05859	504778.7	5408357.3
L4780.0	504778.7	5408355.8	5583.60010	253.59	82.25	48.828163	-86.934890	56138.00	56279.4	-29.41	56108.59	56118.20703	56093.20271	56102.65234	504778.7	5408355.8
L4780.0	504778.7	5408354.4	5583.70020	253.92	85.56	48.828150	-86.934890	56137.59	56279.4	-29.43	56108.17	56117.76953	56092.78417	56102.22656	504778.7	5408354.4
L4780.0	504778.7	5408354.4	5583.79981	253.07	82.08	48.828150	-86.934890	56137.09	56279.4	-29.44	56107.64	56117.22656	56092.36846	56101.80469	504778.7	5408354.4
L4780.0	504778.6	5408352.9	5583.89990	252.89	82.08	48.828137	-86.934891	56136.22	56279.5	-29.46	56106.77	56116.33984	56091.97087	56101.39844	504778.6	5408352.9
L4780.0	504778.6	5408351.9	5584.00000	253.85	82.27	48.828128	-86.934891	56136.18	56279.5	-29.47	56106.71	56116.26563	56091.51472	56100.93750	504778.6	5408351.9
L4780.0	504778.6	5408350.5	5584.10010	252.16	83.26	48.828115	-86.934891	56135.21	56279.5	-29.49	56105.72	56115.25781	56091.11597	56100.52734	504778.6	5408350.5
L4780.0	504778.6	5408349.3	5584.20020	253.65	83.26	48.828104	-86.934891	56134.66	56279.5	-29.51	56105.15	56114.67188	56090.68461	56100.08594	504778.6	5408349.3
L4780.0	504778.6	5408347.6	5584.29981	254.82	82.62	48.828089	-86.934892	56134.61	56279.5	-29.53	56105.08	56114.58203	56090.21528	56099.60938	504778.6	5408347.6
L4780.0	504778.5	5408346.4	5584.39990	250.07	81.6	48.828078	-86.934892	56133.77	56279.6	-29.55	56104.22	56113.70703	56089.79398	56099.17578	504778.5	5408346.4
L4780.0	504778.5	5408346.4	5584.50000	249.33	94.88	48.828078	-86.934892	56132.41	56279.6	-29.57	56102.84	56112.30859	56089.40270	56098.77344	504778.5	5408346.4
L4780.0	504778.5	5408344.6	5584.60010	254.46	94.88	48.828062	-86.934892	56132.69	56279.6	-29.60	56103.10	56112.55078	56088.89742	56098.25781	504778.5	5408344.6
L4780.0	504778.5	5408343.2	5584.70020	253.08	88.57	48.828049	-86.934892	56132.56	56279.6	-29.62	56102.94	56112.37109	56088.41550	56097.76563	504778.5	5408343.2
L4780.0	504778.5	5408341.7	5584.79981	254.16	84.34	48.828036	-86.934892	56130.70	56279.6	-29.64	56101.06	56110.47266	56088.04359	56097.37891	504778.5	5408341.7
L4780.0	504778.5	5408340.8	5584.89990	255.35	88.82	48.828028	-86.934892	56130.61	56279.7	-29.66	56100.95	56110.34375	56087.54904	56096.87109	504778.5	5408340.8
L4780.0	504778.5	5408339.2	5585.00000	256.16	88.82	48.828013	-86.934892	56130.54	56279.7	-29.68	56100.86	56110.23438	56087.04853	56096.35938	504778.5	5408339.2
L4780.0	504778.5	5408339.2	5585.10010	256.63	87.15	48.828013	-86.934892	56130.09	56279.7	-29.70	56100.39	56109.74609	56086.56875	56095.86328	504778.5	5408339.2
L4780.0	504778.5	5408337.7	5585.20020	256.66	89.72	48.828000	-86.934892	56129.46	56279.7	-29.72	56099.74	56109.07422	56086.09638	56095.37500	504778.5	5408337.7
L4780.0	504778.5	5408336.6	5585.29981	255.76	89.72	48.827990	-86.934892	56128.41	56279.7	-29.74	56098.67	56107.98438	56085.64744	56094.91406	504778.5	5408336.6
L4780.0	504778.5	5408334.8	5585.39990	253.62	83.2	48.827974	-86.934893	56127.66	56279.8	-29.76	56097.90	56107.19531	56085.17398	56094.42188	504778.5	5408334.8
L4780.0	504778.5	5408333.9	5585.50000	254.66	84.5	48.827966	-86.934893	56126.91	56279.8	-29.79	56097.13	56106.40234	56084.69602	56093.92969	504778.5	5408333.9
L4780.0	504778.5	5408332.5	5585.60010	254.90	81.28	48.827953	-86.934893	56126.62	56279.8	-29.81	56096.82	56106.07031	56084.18294	56093.39844	504778.5	5408332.5
L4780.0	504778.5	5408331.2	5585.70020	254.17	81.28	48.827942	-86.934893	56126.29	56279.8	-29.83	56096.46	56105.69141	56083.66878	56092.86719	504778.5	5408331.2
L4780.0	504778.5	5408329.8	5585.79981	257.26	80.09	48.827929	-86.934893	56124.94	56279.8	-29.85	56095.09	56104.29688	56083.21760	56092.39844	504778.5	5408329.8
L4780.0	504778.5	5408329.8	5585.89990	256.40	83.83	48.827929	-86.934893	56124.02	56279.9	-29.87	56094.15	56103.33594	56082.73345	56091.89453	504778.5	5408329.8
L4780.0	504778.5	5408328.6	5586.00000	255.95	85.25	48.827918	-86.934893	56123.38	56279.9	-29.89	56093.49	56102.65234	56082.22639	56091.37109	504778.5	5408328.6
L4780.0	504778.5	5408327.1	5586.10010	255.60	85.87	48.827905	-86.934893	56122.70	56279.9	-29.91	56092.78	56101.91797	56081.71848	56090.84375	504778.5	5408327.1
L4780.0	504778.5	5408325.7	5586.20020	255.11	85.87	48.827892	-86.934893	56122.46	56279.9	-29.94	56092.53	56101.64453	56081.17580	56090.28125	504778.5	5408325.7
L4780.0	504778.4	5408325.0	5586.29981	255.11	87.51	48.827886	-86.934893	56121.70	56280	-29.96	56091.74	56100.82813	56080.66508	56089.75000	504778.4	5408325.0
L4780.0	504778.4	5408323.3	5586.39990	256.32	95.76	48.827870	-86.934894	56120.42	56280	-29.98	56090.44	56099.50391	56080.18442	56089.24609	504778.4	5408323.3
L4780.0	504778.4	5408321.6	5586.50000	255.38	95.76	48.827855	-86.934894	56119.76	56280	-30.01	56089.75	56098.78906	56079.65923	56088.69922	504778.4	5408321.6
L4780.0	504778.4	5408321.6	5586.60010	255.24	95.98	48.827855	-86.934894	56118.83	56280	-30.03	56088.80	56097.81250	56079.14760	56088.16406	504778.4	5408321.6
L4780.0	504778.4	5408319.4	5586.70020	253.32	96.22	48.827836	-86.934894	56117.08	56280.1	-30.05	56087.03	56096.01563	56078.68697	56087.68359	504778.4	5408319.4
L4780.0	504778.4	5408318.2	5586.79981	253.52	96.22	48.827825	-86.934894	56116.80	56280.1	-30.07	56086.73	56095.68750	56078.12477	56087.09766	504778.4	5408318.2
L4780.0	504778.4	5408318.2	5586.89990	255.02	88.36	48.827825	-86.934894	56116.65	56280.1	-30.10	56086.55	56095.48047	56077.55112	56086.50000	504778.4	5408318.2
L4780.0	504778.4	5408316.5	5587.00000	257.06	90.16	48.827810	-86.934895	56115.64	56280.1	-30.12	56085.52	56094.42188	56077.03080	56085.95313	504778.4	5408316.5
L4780.0	504778.4	5408315.3	5587.10010	255.88	90.16	48.827799	-86.934895	56114.57	56280.1	-30.14	56084.42	56093.29297	56076.51193	56085.41016	504778.4	5408315.3
L4780.0	504778.3	5408313.6	5587.20020	254.11	96.67	48.827783	-86.934895	56113.54	56280.2	-30.16	56083.38	56092.22656	56075.98597	56084.85938	504778.3	5408313.6
L4780.0	504778.3	5408312.2	5587.29981	254.04	85.75	48.827770	-86.934895	56112.85	56280.2	-30.19	56082.67	56091.48438	56075.43505	56084.28125	504778.3	5408312.2
L4780.0	504778.3	5408311.2	5587.39990	252.55	85.75	48.827762	-86.934895	56112.13	56280.2	-30.21	56081.92	56090.70703	56074.88399	56083.70703	504778.3	5408311.2
L4780.0	504778.3	5408309.7	5587.50000	254.33	88.23	48.827748	-86.934896	56111.11	56280.2	-30.23	56080.88	56089.63281	56074.34960	56083.14453	504778.3	5408309.7
L4780.0	504778.3	5408309.7	5587.60010	255.03	87.67	48.827748	-86.934896	56110.13	56280.3	-30.25	56079.88	56088.60156	56073.81003	56082.57813	504778.3	5408309.7
L4780.0	504778.3	5408308.3	5587.70020	255.09	87.62	48.827735	-86.934896	56109.11	56280.3	-30.27	56078.83	56087.51953	56073.27143	56082.01172	504778.3	5408308.3
L4780.0	504778.3	5408307.0	5587.79981	255.90	87.8	48.827724	-86.934896	56108.08	56280.3	-30.30	56077.79	56086.44922	56072.72998	56081.44141	504778.3	5408307.0
L4780.0	504778.3	5408305.9	5587.89990	258.92	87.8	48.827714	-86.934896	56107.21	56280.3	-30.32	56076.89	56085.51563	56072.17718	56080.85938	504778.3	5408305.9
L4780.0	504778.2	5408304.7	5588.00000	257.35	87.77	48.827703	-86.934896	56106.20	56280.3	-30.34	56075.86	56084.45313	56071.63121	56080.28516	504778.2	5408304.7
L4780.0	504778.2	5408303.3	5588.10010	264.42	87.77	48.827690	-86.934897	56105.32	56280.4	-30.36	56074.96	56083.51563	56071.07491	56079.69531	504778.2	5408303.3
L4780.0	504778.2	5408301.8	5588.20020	257.14	86.13	48.827677	-86.934897	56104.23	56280.4	-30.39	56073.85	56082.37109	56070.53114	56079.12109	504778.2	5408301.8
L4780.0	504778.2	5408301.8	5588.29981	255.67	87.97	48.827677	-86.934897	56103.14	56280.4	-30.41	56072.74	56081.22656	56069.98609	56078.54688	504778.2	5408301.8
L4780.0	504778.2	5408300.4	5588.39990	256.61	87.26	48.827664	-86.934897	56102.11	56280.4	-30.43	56071.67	56080.12109	56069.43731	56077.96484	504778.2	5408300.4
L4780.0	504778.2	5408297.9	5588.50000	257.98	87.26	48.827642	-86.934897	56100.94	56280.5	-30.46	56070.48	56078.89453	56068.89565	56077.39453	504778.2	5408297.9
L4780.0	504778.2	5408297.9	5588.60010	257.91	87.69	48.827642	-86.934897	56100.06	56280.5	-30.48	56069.58	56077.95703	56068.33399	56076.79688	504778.2	5408297.9
L4780.0	504778.2	5408296.5	5588.70020	258.40	87.35	48.827629	-86.934898	56098.74	56280.5	-30.50	56068.24	56076.57813	56067.80122	56076.23438	504778.2	5408296.5
L4780.0	504778.1	5408295.0	5588.79981	258.71	86.37	48.827616	-86.934898	56097.22	56280.5	-30.52	56066.70	56075.00000	56067.28156	56075.67969	504778.1	5408295.0
L4780.0	504778.1	5408293.6	5588.89990	255.91	86.16	48.827603	-86.934898	56095.90	56280.5	-30.55	56065.36	56073.61719	56066.74855	56075.11328	504778.1	5408293.6
L4780.0	504778.1	5408292.6	5589.00000	254.49	86.16	48.827594	-86.934898	56095.38	56280.6	-30.57	56064.81	56073.02734	56066.16310	56074.49219	504778.1	5408292.6

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4780.0	504778.1	5408291.2	5589.10010	254.38	76.34	48.827582	-86.934898	56093.71	56280.6	-30.59	56063.12	56071.29688	56065.65409	56073.94922	504778.1	5408291.2
L4780.0	504778.1	5408290.4	5589.20020	252.00	81.26	48.827574	-86.934898	56093.13	56280.6	-30.61	56062.52	56070.65625	56065.07309	56073.33203	504778.1	5408290.4
L4780.0	504778.1	5408288.7	5589.29981	251.07	81.26	48.827560	-86.934898	56092.67	56280.6	-30.63	56062.03	56070.12500	56064.48568	56072.71094	504778.1	5408288.7
L4780.0	504778.1	5408288.7	5589.39990	251.55	86.43	48.827560	-86.934898	56090.27	56280.7	-30.65	56059.62	56067.67188	56064.02743	56072.21484	504778.1	5408288.7
L4780.0	504778.1	5408287.1	5589.50000	252.28	95.86	48.827545	-86.934898	56090.49	56280.7	-30.68	56059.82	56067.82813	56063.39657	56071.55078	504778.1	5408287.1
L4780.0	504778.1	5408285.9	5589.60010	251.51	96.35	48.827534	-86.934898	56088.88	56280.7	-30.70	56058.18	56066.14063	56062.89001	56071.00391	504778.1	5408285.9
L4780.0	504778.1	5408284.7	5589.70020	253.34	96.35	48.827523	-86.934898	56087.61	56280.7	-30.72	56056.89	56064.80469	56062.36200	56070.44141	504778.1	5408284.7
L4780.0	504778.1	5408283.3	5589.79981	253.24	96.3	48.827510	-86.934898	56086.45	56280.7	-30.74	56055.71	56063.58203	56061.82879	56069.87109	504778.1	5408283.3
L4780.0	504778.1	5408282.3	5589.89990	253.87	93.6	48.827502	-86.934898	56085.03	56280.8	-30.76	56054.27	56062.09375	56061.31528	56069.31641	504778.1	5408282.3
L4780.0	504778.1	5408280.8	5590.00000	253.34	93.73	48.827488	-86.934898	56085.38	56280.8	-30.78	56054.60	56062.37500	56060.68640	56068.65234	504778.1	5408280.8
L4780.0	504778.1	5408279.6	5590.10010	254.67	93.73	48.827477	-86.934898	56083.19	56280.8	-30.80	56052.39	56060.11719	56060.22972	56068.15625	504778.1	5408279.6
L4780.0	504778.1	5408278.1	5590.20020	254.96	92.72	48.827464	-86.934898	56082.30	56280.8	-30.82	56051.48	56059.16016	56059.68951	56067.57422	504778.1	5408278.1
L4780.0	504778.1	5408276.7	5590.29981	254.36	91.04	48.827451	-86.934899	56080.76	56280.8	-30.84	56049.92	56057.55078	56059.19599	56067.04297	504778.1	5408276.7
L4780.0	504778.1	5408275.7	5590.39990	251.13	88.84	48.827443	-86.934899	56079.24	56280.9	-30.86	56048.38	56055.96094	56058.70477	56066.51172	504778.1	5408275.7
L4780.0	504778.1	5408275.7	5590.50000	250.88	88.84	48.827443	-86.934899	56078.64	56280.9	-30.88	56047.76	56055.28906	56058.15608	56065.92188	504778.1	5408275.7
L4780.0	504778.1	5408273.0	5590.60010	250.76	90.89	48.827418	-86.934899	56077.88	56280.9	-30.90	56046.97	56054.44531	56057.62285	56065.34766	504778.1	5408273.0
L4780.0	504778.1	5408273.0	5590.70020	247.82	93.69	48.827418	-86.934899	56077.32	56280.9	-30.92	56046.40	56053.82422	56057.07933	56064.76563	504778.1	5408273.0
L4780.0	504778.0	5408271.5	5590.79981	245.42	93.69	48.827405	-86.934900	56076.13	56280.9	-30.94	56045.18	56052.55078	56056.58376	56064.22656	504778.0	5408271.5
L4780.0	504778.0	5408270.3	5590.89990	246.99	95.15	48.827394	-86.934900	56074.96	56281	-30.96	56044.00	56051.31641	56056.09040	56063.69141	504778.0	5408270.3
L4780.0	504778.0	5408268.6	5591.00000	246.37	94.88	48.827379	-86.934900	56074.11	56281	-30.98	56043.13	56050.39453	56055.58148	56063.14063	504778.0	5408268.6
L4780.0	504778.0	5408267.7	5591.10010	249.11	96.89	48.827370	-86.934900	56072.66	56281	-31.00	56041.66	56048.86719	56055.11792	56062.63672	504778.0	5408267.7
L4780.0	504778.0	5408266.2	5591.20020	251.85	97.28	48.827357	-86.934900	56071.05	56281	-31.02	56040.03	56047.17969	56054.67064	56062.14453	504778.0	5408266.2
L4780.0	504778.0	5408266.2	5591.29981	254.16	97.28	48.827357	-86.934900	56070.28	56281	-31.04	56039.24	56046.33594	56054.17320	56061.60547	504778.0	5408266.2
L4780.0	504778.0	5408263.7	5591.39990	253.71	97.52	48.827335	-86.934901	56069.66	56281.1	-31.06	56038.60	56045.63672	56053.67185	56061.06250	504778.0	5408263.7
L4780.0	504778.0	5408263.7	5591.50000	253.20	97.15	48.827335	-86.934901	56068.48	56281.1	-31.07	56037.41	56044.39063	56053.21349	56060.55859	504778.0	5408263.7
L4780.0	504778.0	5408262.1	5591.60010	254.12	96.94	48.827320	-86.934901	56067.83	56281.1	-31.09	56036.73	56043.64844	56052.72770	56060.03125	504778.0	5408262.1
L4780.0	504777.9	5408260.4	5591.70020	253.72	96.41	48.827305	-86.934901	56067.12	56281.1	-31.11	56036.01	56042.87109	56052.25136	56059.51172	504777.9	5408260.4
L4780.0	504777.9	5408260.4	5591.79981	253.86	96.41	48.827305	-86.934901	56066.09	56281.1	-31.13	56034.95	56041.75000	56051.80471	56059.01953	504777.9	5408260.4
L4780.0	504777.9	5408257.8	5591.89990	252.64	95.68	48.827281	-86.934901	56064.72	56281.2	-31.15	56033.57	56040.30859	56051.38664	56058.55859	504777.9	5408257.8
L4780.0	504777.9	5408256.7	5592.00000	251.96	95.68	48.827272	-86.934901	56063.86	56281.2	-31.17	56032.69	56039.36719	56050.94272	56058.07031	504777.9	5408256.7
L4780.0	504777.9	5408255.5	5592.10010	250.28	95.82	48.827261	-86.934901	56062.97	56281.2	-31.18	56031.79	56038.40625	56050.50782	56057.58984	504777.9	5408255.5
L4780.0	504777.9	5408254.3	5592.20020	249.28	96.02	48.827250	-86.934901	56062.21	56281.2	-31.20	56031.01	56037.56250	56050.07282	56057.10938	504777.9	5408254.3
L4780.0	504777.9	5408254.3	5592.29981	249.09	96.62	48.827250	-86.934901	56061.46	56281.2	-31.21	56030.24	56036.73047	56049.64527	56056.63672	504777.9	5408254.3
L4780.0	504777.9	5408252.7	5592.39990	249.88	96.62	48.827236	-86.934902	56059.84	56281.2	-31.23	56028.61	56035.03516	56049.28337	56056.23047	504777.9	5408252.7
L4780.0	504777.9	5408251.5	5592.50000	251.17	97.68	48.827225	-86.934902	56059.11	56281.2	-31.24	56027.86	56034.21875	56048.87133	56055.77344	504777.9	5408251.5
L4780.0	504777.9	5408249.8	5592.60010	252.29	97.68	48.827209	-86.934902	56058.63	56281.3	-31.26	56027.37	56033.66406	56048.45066	56055.30469	504777.9	5408249.8
L4780.0	504777.9	5408248.5	5592.70020	254.58	96.68	48.827197	-86.934902	56057.74	56281.3	-31.28	56026.46	56032.68750	56048.06690	56054.87500	504777.9	5408248.5
L4780.0	504777.9	5408248.5	5592.79981	253.32	96.78	48.827197	-86.934902	56057.13	56281.3	-31.29	56025.84	56032.00000	56047.67289	56054.43750	504777.9	5408248.5
L4780.0	504777.9	5408247.0	5592.89990	253.62	96.78	48.827184	-86.934902	56055.48	56281.3	-31.31	56024.18	56030.27344	56047.35747	56054.07422	504777.9	5408247.0
L4780.0	504777.9	5408245.6	5593.00000	257.13	96.77	48.827171	-86.934902	56054.75	56281.3	-31.32	56023.43	56029.45703	56046.99080	56053.66406	504777.9	5408245.6
L4780.0	504777.9	5408244.3	5593.10010	256.76	96.79	48.827160	-86.934902	56054.40	56281.3	-31.34	56023.06	56029.01563	56046.60839	56053.23438	504777.9	5408244.3
L4780.0	504777.9	5408242.9	5593.20020	257.21	96.79	48.827147	-86.934902	56054.22	56281.4	-31.35	56022.87	56028.75781	56046.22372	56052.80469	504777.9	5408242.9
L4780.0	504777.9	5408241.7	5593.29981	258.98	96.78	48.827137	-86.934902	56053.16	56281.4	-31.37	56021.79	56027.60938	56045.90826	56052.44141	504777.9	5408241.7
L4780.0	504777.9	5408241.7	5593.39990	258.13	95.48	48.827137	-86.934902	56052.71	56281.4	-31.39	56021.32	56027.07031	56045.27440	56051.76172	504777.9	5408241.7
L4780.0	504777.9	5408239.9	5593.50000	258.20	95.48	48.827120	-86.934901	56052.20	56281.4	-31.40	56020.79	56026.46875	56044.62484	56051.06641	504777.9	5408239.9
L4780.0	504777.9	5408238.4	5593.60010	262.76	97.53	48.827107	-86.934901	56051.26	56281.4	-31.42	56019.84	56025.44531	56044.01256	56050.40625	504777.9	5408238.4
L4780.0	504778.0	5408237.0	5593.70020	262.92	97.53	48.827094	-86.934901	56050.68	56281.4	-31.44	56019.24	56024.77734	56043.42171	56049.76953	504778.0	5408237.0
L4780.0	504778.0	5408235.8	5593.79981	263.29	97.35	48.827083	-86.934901	56050.45	56281.5	-31.46	56019.00	56024.46484	56042.87436	56049.17578	504778.0	5408235.8
L4780.0	504778.0	5408234.4	5593.89990	256.98	97.35	48.827071	-86.934901	56049.85	56281.5	-31.47	56018.38	56023.77344	56042.38501	56048.64063	504778.0	5408234.4
L4780.0	504778.0	5408234.4	5594.00000	256.42	89.06	48.827071	-86.934901	56049.09	56281.5	-31.49	56017.60	56022.91797	56041.94992	56048.16016	504778.0	5408234.4
L4780.0	504778.0	5408233.0	5594.10010	263.45	89.06	48.827058	-86.934901	56048.89	56281.5	-31.51	56017.38	56022.62500	56041.57915	56047.74219	504778.0	5408233.0
L4780.0	504778.0	5408231.9	5594.20020	263.46	92.67	48.827049	-86.934900	56048.56	56281.5	-31.53	56017.03	56022.20313	56041.26988	56047.38672	504778.0	5408231.9
L4780.0	504778.0	5408230.5	5594.29981	264.32	90.13	48.827036	-86.934900	56047.88	56281.5	-31.54	56016.33	56021.42969	56041.01744	56047.08594	504778.0	5408230.5
L4780.0	504778.1	5408229.1	5594.39990	263.92	90.13	48.827023	-86.934900	56048.20	56281.6	-31.56	56016.64	56021.66406	56040.83342	56046.85547	504778.1	5408229.1
L4780.0	504778.1	5408227.6	5594.50000	263.53	93.45	48.827010	-86.934899	56047.14	56281.6	-31.58	56015.56	56020.50781	56040.69192	56046.66797	504778.1	5408227.6
L4780.0	504778.1	5408226.6	5594.60010	263.18	93.45	48.827001	-86.934899	56046.02	56281.6	-31.60	56014.43	56019.30469	56040.60831	56046.53906	504778.1	5408226.6
L4780.0	504778.1	5408225.3	5594.70020	262.14	97.21	48.826989	-86.934899	56047.09	56281.6	-31.62	56015.48	56020.28125	56040.56099	56046.44531	504778.1	5408225.3
L4780.0	504778.1	5408225.3	5594.79981	262.26	97.31	48.826989	-86.934899	56045.63	56281.6	-31.63	56013.99	56018.71484	56040.57185	56046.41016	504778.1	5408225.3
L4780.0	504778.2	5408223.8	5594.89990	251.89	97.41	48.826975	-86.934898	56046.23	56281.7	-31.65	56014.58	56019.23047	56040.57941	56046.37500	504778.2	5408223.8
L4780.0	504778.2	5408222.1	5595.00000	252.72	97.41	48.826960	-86.934898	56046.96	56281.7	-31.67	56015.29	56019.86328	56040.59031	56046.33984	504778.2	5408222.1
L4780.0	504778.2	5408220.5	5595.10010	254.91	97.22	48.826946	-86.934898	56046.76	56281.7	-31.69	56015.08	56019.57813	56040.64118	56046.34375	504778.2	5408220.5
L4780.0	504778.2	5408219.7	5595.20020	253.45	97.22	48.826939	-86.934897	56046.18	56281.7	-31.70	56014.48	56018.90234	56040.72302	56046.38281	504778.2	5408219.7
L4780.0	504778.3	5408218.0	5595.29981	254.00	95.04	48.826924	-86.934897	56045.55	56281.7	-31.72	56013.83	56018.17578	56040.82013	56046.43359	504778.3	5408218.0
L4780.0	504778.3	5408218.0	5595.39990	254.29	96.65	48.826924	-86.934897	56045.77	56281.7	-31.74	56014.04	56018.30859	56040.73633	56046.30469	504778.3	5408218.0
L4780.0	504778.3	5408217.0	5595.50000	253.76	96.99	48.826915	-86.934897	56045.75	56281.8	-31.75	56013.99	56018.18359	56040.58869	56046.11328	504778.3	5408217.0
L4780.0	504778.3	5408215.4	5595.60010	251.41	96.99	48.826900	-86.934897	56046.08	56281.8	-31.77	56014.31	56018.42578	56040.42720	56045.90625	504778.3	5408215.4
L4780.0	504778.3	5408214.0	5595.70020	252.27	96.39	48.826887	-86.934897	56045.70	56281.8	-31.79	56013.91	56017.94922	56040.32445	56045.75781	504778.3	5408214.0
L4780.0	504778.3	5408212.6	5595.79981	253.88	96.88	48.826874	-86.934897	56045.17	56281.8	-31.81	56013.36	56017.32422	56040.24239	56045.63281	504778.3	5408212.6
L4780.0	504778.3	5408211.3	5595.89990	254.46	97.86	48.826863	-86.934896	56045.06	56281.8	-31.82	56013.24	56017.12891	56040.14227	56045.48828	504778.3	5408211.3
L4780.0	504778.3	5408209.9	5596.00000	255.04	98.44	48.826850	-86.934896	56045.63	56281.8	-31.84	56013.79	56017.60156	56040.00801	56045.31250	504778.3	5408209.9
L4780.0	504778.3	5408209.9	5596.10010	255.68	98.44	48.826850	-86.934896	56045.37	56281.9	-31.86	56013.51	56017.24609	56039.93953	56045.19922	504778.3	5408209.9
L4780.0	504778.3	5408208.4	5596.20020	258.93	98.45	48.826837	-86.934896	56045.60	56281.9	-31.88	56013.72	56017.37891	56039.84872	56045.06641	504778.3	5408208.4
L4780.0	504778.4	5408207.2	5596.29981	260.21	98.03	48.826826	-86.934896	56046.13	56281.9	-31.89	56014.24	56017.82422	56039.74750	56044.92188	504778.4	5408207.2
L4780.0	504778.4	5408205.8	5596.39990	260.68	98.03	48.826813	-86.934896	56046.54	56281.9	-31.91	56014.62	56018.12891	56039.66575	56044.79688	504778.4	5408205.8
L4780.0	504778.4	5408204.1	5596.50000	260.50	98.32	48.826798	-86.934896	56045.63	56281.9	-31.93	56013.70	56017.13281	56039.68070	56044.76953	504778.4	5408204.1
L4780.0	504778.4	5408202.9	5596.60010	258.79	98.32	48.826787	-86.934896	56046.06	56281.9	-31.95	56014.11	56017.46484	56039.61690	56044.66406	504778.4	5408202.9
L4780.0	504778.4	5408202.9	5596.70020	257.99	98.18	48.826787	-86.934896	56046.08	56282	-31.97	56014.11	56017.39063	56039.59022	56044.59766	504778.4	5408202.9
L4780.0	504778.4	5408201.7	5596.79981	257.01	98.18	48.826776	-86.934896	56047.34	56282	-31.98	56015.36	56018.56641	56039.48986	56044.45313	504778.4	5408201.7
L4780.0	504778.4	5408200.4	5596.89990	256.18	98.18	48.826765	-86.934895	56047.75	56282	-32.00	56015.75	56018.88281	56039.45637	56044.37891	504778.4	5408200.4
L4780.0	504778.4	5408198.5	5597.00000	256.50	98.22	48.826748	-86.934895	56047.36	56282	-32.02	56015.34	56018.39844	56039.48560	56044.37109	504778.4	5408198.5
L4780.0	504778.4	5408197.1	5597.10010	256.74	98.21	48.826735	-86.934895	56047.39	56282	-32.03	56015.36	56018.34375	56039.49541	56044.33984	504778.4	5408197.1
L4780.0	504778.4	5408196.1	5597.20020	257.76	98.21	48.826726	-86.934895	56047.42	56282	-32.05	56015.37	56018.28125	56039.51498	56044.32031	504778.4	5408196.1
L4780.0	504778.4	5408194.4	5597.29981	256.92	98.4	48.826711	-86.934895	56047.62	56282.1	-32.06	56015.56	56018.39844	56039.53149	56044.29688	504778.4	5408194.4
L4780.0	504778.4	5408194.4	5597.39990	255.95	98.4	48.826711	-86.934895	56047.62	56282.1	-32.08	56015.54	56018.30469	56039.57079	56044.29688	504778.4	5408194.4
L4780.0	504778.5	5408192.9	5597.50000	254.91	98.4	48.826697	-86.934895	56048.61	56282.1	-32.10	56016.51	56019.20313	56039.55272	56044.24219	504778.5	5408192.9
L4780.0	504778.5	5408191.7	5597.60010	256.41	98.4	48.826687	-86.934894	56049.14	56282.1	-32.11	56017.03	56019.65234	56039.57310	56044.22266	504778.5	5408191.7
L4780.0	504778.5	5408189.8	5597.70020	256.80	98.4	48.826669	-86.934894	56049.52	56282.1	-32.13	56017.39	56019.94141	56039.61245	56044.22656	504778.5	5408189.8
L4780.0	504778.5	5408188.9	5597.79981	253.42	98.4	48.826661	-86.934894	56049.85	56282.1	-32.14	56017.71	56020.19141	56039.66258	56044.23828	504778.5	5408188.9
L4780.0	504778.6	5408187.5	5597.89990	252.18	98.4	48.826648	-86.934894	56049.79	56282.2	-32.15	56017.64	56020.05078	56039.74664	56044.28516	504778.6	5408187.5
L4780.0	504778.6	5408186.3	5598.00000	251.62	98.4	48.826638	-86.934893	56050.48	56282.2	-32.17	56018.31	56020.65234	56039.78914	56044.29297	504778.6	5408186.3
L4780.0	504778.6	5408186.3	5598.10010	253.44	98.4	48.826638	-86.934893	56051.24	56282.2	-32.18	56019.06	56021.33594	56039.83389	56044.30078	504778.6	5408186.3
L4780.0	504778.6	5408184.8	5598.20020	253.73	98.4	48.826625	-86.934893	56051.90	56282.2	-32.19	56019.70	56021.90625	56039.89336	56044.32422	504778.6	5408184.8
L4780.0	504778.6	5408183.3	5598.29981	253.27	98.4	48.826611	-86.934892	56052.73	56282.2	-32.21	56020.53	56022.66797	56039.94738	56044.34375	504778.6	5408183.3

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4780.0	504778.7	5408181.8	5598.39990	253.83	98.4	48.826598	-86.934892	56052.55	56282.2	-32.22	56020.33	56022.40234	56040.07708	56044.44141	504778.7	5408181.8
L4780.0	504778.7	5408181.8	5598.50000	253.03	98.4	48.826598	-86.934892	56052.76	56282.2	-32.23	56020.53	56022.53906	56040.18694	56044.51563	504778.7	5408181.8
L4780.0	504778.7	5408180.2	5598.60010	252.41	98.4	48.826583	-86.934892	56052.86	56282.2	-32.24	56020.62	56022.56250	56040.31077	56044.60547	504778.7	5408180.2
L4780.0	504778.7	5408178.8	5598.70020	253.26	98.4	48.826570	-86.934891	56053.26	56282.3	-32.25	56021.00	56022.87891	56040.42170	56044.68359	504778.7	5408178.8
L4780.0	504778.8	5408177.3	5598.79981	253.64	98.4	48.826557	-86.934891	56053.96	56282.3	-32.27	56021.70	56023.51563	56040.51755	56044.74609	504778.8	5408177.3
L4780.0	504778.8	5408176.1	5598.89990	254.51	98.4	48.826546	-86.934891	56054.40	56282.3	-32.28	56022.12	56023.87500	56040.63810	56044.83594	504778.8	5408176.1
L4780.0	504778.8	5408174.9	5599.00000	255.53	98.4	48.826535	-86.934891	56055.41	56282.3	-32.29	56023.12	56024.81250	56040.72584	56044.89453	504778.8	5408174.9
L4780.0	504778.8	5408173.9	5599.10010	256.31	98.4	48.826527	-86.934890	56056.50	56282.3	-32.30	56024.19	56025.82422	56040.81457	56044.95313	504778.8	5408173.9
L4780.0	504778.8	5408172.5	5599.20020	257.49	98.4	48.826514	-86.934890	56056.32	56282.3	-32.31	56024.01	56025.58594	56040.99208	56045.09766	504778.8	5408172.5
L4780.0	504778.8	5408171.5	5599.29981	257.42	98.4	48.826505	-86.934890	56056.32	56282.3	-32.33	56023.99	56025.50781	56041.16418	56045.24219	504778.8	5408171.5
L4780.0	504778.8	5408169.8	5599.29981	257.42	130	48.826490	-86.934890	56056.35	56282.3	-32.33	56024.03	56025.48828	56041.33735	56045.38672	504778.8	5408169.8
L4780.0	504778.8	5408168.5	5599.50000	257.12	130	48.826478	-86.934890	56057.71	56282.4	-32.35	56025.36	56026.76172	56041.42938	56045.44922	504778.8	5408168.5
L4780.0	504778.8	5408168.5	5599.60010	254.08	130	48.826478	-86.934890	56058.47	56282.4	-32.36	56026.11	56027.45703	56041.56475	56045.55469	504778.8	5408168.5
L4780.0	504778.8	5408166.9	5599.70020	252.17	130	48.826463	-86.934890	56059.51	56282.4	-32.37	56027.13	56028.42578	56041.68660	56045.65234	504778.8	5408166.9
L4780.0	504778.8	5408165.7	5599.79981	252.15	130	48.826453	-86.934890	56060.27	56282.4	-32.39	56027.88	56029.12109	56041.83075	56045.76953	504778.8	5408165.7
L4780.0	504778.8	5408164.2	5599.89990	252.46	130	48.826439	-86.934890	56060.65	56282.4	-32.40	56028.25	56029.44141	56042.00434	56045.91406	504778.8	5408164.2
L4780.0	504778.8	5408162.7	5600.00000	253.22	130	48.826426	-86.934890	56061.66	56282.4	-32.41	56029.25	56030.39063	56042.13985	56046.02734	504778.8	5408162.7
L4780.0	504778.8	5408162.7	5600.10010	255.20	130	48.826426	-86.934890	56062.02	56282.4	-32.42	56029.60	56030.69141	56042.14826	56046.00781	504778.8	5408162.7
L4780.0	504778.8	5408161.3	5600.20020	256.18	130	48.826413	-86.934890	56062.92	56282.4	-32.43	56030.49	56031.53125	56042.13572	56045.97266	504778.8	5408161.3
L4780.0	504778.8	5408159.8	5600.29981	270.41	130	48.826400	-86.934891	56062.85	56282.4	-32.44	56030.40	56031.39453	56042.16834	56045.98047	504778.8	5408159.8
L4780.0	504778.8	5408158.1	5600.39990	268.61	130	48.826384	-86.934891	56063.38	56282.5	-32.45	56030.92	56031.87109	56042.19379	56045.98438	504778.8	5408158.1
L4780.0	504778.8	5408157.2	5600.50000	269.88	130	48.826376	-86.934891	56063.96	56282.5	-32.47	56031.50	56032.40625	56042.23735	56046.00391	504778.8	5408157.2
L4780.0	504778.8	5408155.7	5600.60010	269.28	130	48.826363	-86.934891	56064.97	56282.5	-32.48	56032.49	56033.35156	56042.31170	56046.05469	504778.8	5408155.7
L4780.0	504778.8	5408154.5	5600.70020	270.05	130	48.826352	-86.934891	56065.38	56282.5	-32.49	56032.89	56033.71094	56042.39816	56046.12109	504778.8	5408154.5
L4780.0	504778.8	5408154.5	5600.79981	267.15	130	48.826352	-86.934891	56065.31	56282.5	-32.50	56032.81	56033.58984	56042.47944	56046.17969	504778.8	5408154.5
L4780.0	504778.8	5408153.1	5600.89990	267.38	130	48.826339	-86.934891	56065.27	56282.5	-32.51	56032.76	56033.50000	56042.57016	56046.25000	504778.8	5408153.1
L4780.0	504778.7	5408151.6	5601.00000	267.96	130	48.826326	-86.934891	56066.26	56282.5	-32.52	56033.74	56034.44141	56042.74138	56046.40234	504778.7	5408151.6
L4780.0	504778.7	5408150.7	5601.10010	268.43	130	48.826318	-86.934891	56066.71	56282.5	-32.52	56034.19	56034.85547	56042.90183	56046.54297	504778.7	5408150.7
L4780.0	504778.7	5408149.5	5601.20020	270.43	130	48.826307	-86.934892	56066.62	56282.5	-32.53	56034.09	56034.71875	56043.03751	56046.66016	504778.7	5408149.5
L4780.0	504778.7	5408148.3	5601.29981	268.52	130	48.826296	-86.934892	56067.98	56282.5	-32.53	56035.44	56036.03516	56043.31528	56046.92188	504778.7	5408148.3
L4780.0	504778.7	5408146.9	5601.39990	267.66	130	48.826283	-86.934892	56067.55	56282.5	-32.54	56035.01	56035.57422	56043.46166	56047.05078	504778.7	5408146.9
L4780.0	504778.7	5408145.4	5601.50000	254.10	130	48.826271	-86.934892	56067.58	56282.5	-32.54	56035.04	56035.57422	56043.66968	56047.24219	504778.7	5408145.4
L4780.0	504778.7	5408144.2	5601.60010	252.40	130	48.826260	-86.934892	56069.58	56282.5	-32.55	56037.03	56037.53516	56044.07318	56047.62891	504778.7	5408144.2
L4780.0	504778.7	5408143.1	5601.70020	263.05	130	48.826249	-86.934892	56069.20	56282.6	-32.56	56036.64	56037.11719	56044.28760	56047.82813	504778.7	5408143.1
L4780.0	504778.7	5408141.8	5601.79981	262.02	130	48.826238	-86.934892	56069.63	56282.6	-32.56	56037.07	56037.51953	56044.58977	56048.11328	504778.7	5408141.8
L4780.0	504778.7	5408140.7	5601.89990	263.17	130	48.826228	-86.934893	56070.76	56282.6	-32.57	56038.20	56038.62500	56044.95205	56048.46094	504778.7	5408140.7
L4780.0	504778.7	5408139.3	5602.00000	261.90	130	48.826215	-86.934893	56070.79	56282.6	-32.57	56038.22	56038.62109	56045.24676	56048.74219	504778.7	5408139.3
L4780.0	504778.7	5408139.3	5602.10010	261.72	130	48.826215	-86.934893	56071.70	56282.6	-32.58	56039.12	56039.50000	56045.59621	56049.07813	504778.7	5408139.3
L4780.0	504778.6	5408137.6	5602.20020	264.08	130	48.826200	-86.934893	56071.93	56282.6	-32.60	56039.33	56039.68750	56045.91430	56049.38281	504778.6	5408137.6
L4780.0	504778.6	5408136.3	5602.29981	256.78	130	48.826189	-86.934893	56072.14	56282.6	-32.61	56039.53	56039.87109	56046.23643	56049.69141	504778.6	5408136.3
L4780.0	504778.6	5408135.2	5602.39990	257.92	130	48.826178	-86.934893	56071.86	56282.6	-32.62	56039.23	56039.55078	56046.55604	56050.00000	504778.6	5408135.2
L4780.0	504778.6	5408133.9	5602.50000	265.12	130	48.826167	-86.934893	56073.12	56282.6	-32.63	56040.48	56040.78516	56046.87991	56050.31250	504778.6	5408133.9
L4780.0	504778.6	5408133.9	5602.60010	266.30	130	48.826167	-86.934893	56073.68	56282.6	-32.65	56041.03	56041.32031	56047.18692	56050.60938	504778.6	5408133.9
L4780.0	504778.6	5408132.1	5602.70020	266.27	130	48.826151	-86.934893	56073.81	56282.7	-32.66	56041.15	56041.42969	56047.49441	56050.90625	504778.6	5408132.1
L4780.0	504778.6	5408130.2	5602.79981	260.03	130	48.826133	-86.934893	56075.21	56282.7	-32.67	56042.54	56042.80469	56047.75321	56051.15625	504778.6	5408130.2
L4780.0	504778.6	5408130.2	5602.89990	259.75	130	48.826133	-86.934893	56074.66	56282.7	-32.69	56041.97	56042.22656	56048.07527	56051.46875	504778.6	5408130.2
L4780.0	504778.6	5408128.6	5603.00000	256.15	130	48.826119	-86.934893	56075.35	56282.7	-32.70	56042.65	56042.89844	56048.33921	56051.72266	504778.6	5408128.6
L4780.0	504778.6	5408127.4	5603.10010	256.20	130	48.826108	-86.934893	56075.74	56282.7	-32.70	56043.04	56043.28125	56048.61012	56051.98438	504778.6	5408127.4
L4780.0	504778.6	5408125.7	5603.20020	255.16	130	48.826093	-86.934893	56076.14	56282.7	-32.71	56043.43	56043.66406	56048.87042	56052.23828	504778.6	5408125.7
L4780.0	504778.7	5408124.3	5603.29981	255.05	130	48.826081	-86.934893	56077.24	56282.7	-32.71	56044.53	56044.76172	56049.05398	56052.41406	504778.7	5408124.3
L4780.0	504778.7	5408124.3	5603.39990	253.33	130	48.826081	-86.934893	56076.33	56282.7	-32.72	56043.61	56043.83984	56049.37228	56052.72656	504778.7	5408124.3
L4780.0	504778.7	5408122.2	5603.50000	254.38	130	48.826062	-86.934893	56077.68	56282.7	-32.72	56044.96	56045.18750	56049.53927	56052.88672	504778.7	5408122.2
L4780.0	504778.7	5408122.2	5603.60010	254.23	130	48.826062	-86.934893	56077.70	56282.7	-32.72	56044.98	56045.21094	56049.79488	56053.13672	504778.7	5408122.2
L4780.0	504778.7	5408119.9	5603.70020	255.82	130	48.826040	-86.934893	56078.12	56282.7	-32.73	56045.39	56045.62109	56050.02439	56053.35938	504778.7	5408119.9
L4780.0	504778.7	5408118.4	5603.79981	254.00	130	48.826028	-86.934893	56079.02	56282.7	-32.73	56046.29	56046.52344	56050.22108	56053.55078	504778.7	5408118.4
L4780.0	504778.7	5408117.7	5603.89990	257.20	130	48.826021	-86.934892	56079.08	56282.7	-32.74	56046.35	56046.58984	56050.47355	56053.80078	504778.7	5408117.7
L4780.0	504778.7	5408116.3	5604.00000	259.68	130	48.826008	-86.934892	56079.29	56282.7	-32.74	56046.55	56046.79688	56050.71642	56054.03906	504778.7	5408116.3
L4780.0	504778.7	5408115.1	5604.10010	260.59	130	48.825998	-86.934892	56080.40	56282.7	-32.75	56047.66	56047.91406	56050.89830	56054.21484	504778.7	5408115.1
L4780.0	504778.7	5408115.1	5604.20020	260.33	130	48.825998	-86.934892	56081.09	56282.8	-32.75	56048.33	56048.59375	56051.10915	56054.42188	504778.7	5408115.1
L4780.0	504778.7	5408113.7	5604.29981	260.55	130	48.825985	-86.934892	56081.16	56282.8	-32.76	56048.40	56048.67578	56051.35959	56054.67188	504778.7	5408113.7
L4780.0	504778.7	5408112.5	5604.39990	260.38	130	48.825974	-86.934892	56081.39	56282.8	-32.77	56048.63	56048.91797	56051.59890	56054.90625	504778.7	5408112.5
L4780.0	504778.7	5408111.0	5604.50000	257.14	130	48.825961	-86.934893	56081.74	56282.8	-32.77	56048.96	56049.26172	56051.83105	56055.13672	504778.7	5408111.0
L4780.0	504778.7	5408109.8	5604.60010	254.16	130	48.825950	-86.934893	56081.57	56282.8	-32.78	56048.79	56049.10938	56052.09599	56055.40234	504778.7	5408109.8
L4780.0	504778.7	5408108.9	5604.70020	253.05	130	48.825941	-86.934893	56081.82	56282.8	-32.79	56049.03	56049.36328	56052.33302	56055.63672	504778.7	5408108.9
L4780.0	504778.7	5408107.6	5604.79981	253.23	130	48.825930	-86.934893	56083.36	56282.8	-32.80	56050.57	56050.92188	56052.48277	56055.78516	504778.7	5408107.6
L4780.0	504778.7	5408106.2	5604.89990	252.96	130	48.825917	-86.934893	56082.93	56282.8	-32.80	56050.13	56050.50391	56052.76387	56056.06641	504778.7	5408106.2
L4780.0	504778.7	5408105.0	5605.00000	251.09	130	48.825907	-86.934893	56083.16	56282.8	-32.81	56050.35	56050.74609	56053.00030	56056.30078	504778.7	5408105.0
L4780.0	504778.6	5408103.5	5605.10010	253.42	130	48.825894	-86.934893	56084.60	56282.8	-32.82	56051.78	56052.19531	56053.15536	56056.45703	504778.6	5408103.5
L4780.0	504778.6	5408102.0	5605.20020	254.63	130	48.825880	-86.934893	56084.10	56282.8	-32.83	56051.27	56051.71094	56053.43903	56056.73828	504778.6	5408102.0
L4780.0	504778.6	5408100.9	5605.29981	254.50	130	48.825870	-86.934893	56084.42	56282.8	-32.84	56051.58	56052.04688	56053.66728	56056.96875	504778.6	5408100.9
L4780.0	504778.6	5408100.9	5605.39990	253.53	130	48.825870	-86.934893	56085.13	56282.8	-32.85	56052.29	56052.78125	56053.86808	56057.16797	504778.6	5408100.9
L4780.0	504778.6	5408099.2	5605.50000	253.91	130	48.825855	-86.934894	56086.07	56282.9	-32.85	56053.21	56053.73047	56054.05410	56057.35547	504778.6	5408099.2
L4780.0	504778.6	5408099.2	5605.60010	254.70	130	48.825855	-86.934894	56085.00	56282.9	-32.86	56052.14	56052.69141	56054.35223	56057.65625	504778.6	5408099.2
L4780.0	504778.6	5408097.1	5605.70020	265.06	130	48.825835	-86.934894	56085.76	56282.9	-32.87	56052.89	56053.46875	56054.53334	56057.83984	504778.6	5408097.1
L4780.0	504778.6	5408095.9	5605.79981	266.18	130	48.825825	-86.934894	56086.88	56282.9	-32.88	56054.00	56054.61328	56054.71421	56058.01953	504778.6	5408095.9
L4780.0	504778.6	5408094.4	5605.89990	264.75	130	48.825812	-86.934894	56086.04	56282.9	-32.89	56053.15	56053.79688	56054.95201	56058.26172	504778.6	5408094.4
L4780.0	504778.6	5408093.7	5606.00000	252.96	130	48.825805	-86.934894	56086.55	56282.9	-32.90	56053.65	56054.32813	56055.15334	56058.46484	504778.6	5408093.7
L4780.0	504778.6	5408092.2	5606.10010	255.16	130	48.825792	-86.934894	56087.13	56282.9	-32.91	56054.22	56054.93359	56055.36242	56058.67578	504778.6	5408092.2
L4780.0	504778.6	5408090.8	5606.20020	265.22	130	48.825779	-86.934894	56087.91	56282.9	-32.92	56055.00	56055.75000	56055.58660	56058.90234	504778.6	5408090.8
L4780.0	504778.6	5408089.4	5606.29981	264.37	130	48.825766	-86.934894	56088.30	56282.9	-32.92	56055.38	56056.16797	56055.80993	56059.12891	504778.6	5408089.4
L4780.0	504778.6	5408088.4	5606.39990	263.31	130	48.825757	-86.934894	56088.02	56282.9	-32.93	56055.08	56055.91016	56056.00049	56059.32031	504778.6	5408088.4
L4780.0	504778.6	5408088.4	5606.50000	264.97	130	48.825757	-86.934894	56088.80	56282.9	-32.94	56055.86	56056.73047	56056.24924	56059.57031	504778.6	5408088.4
L4780.0	504778.6	5408086.5	5606.60010	263.57	130	48.825740	-86.934894	56088.14	56282.9	-32.95	56055.19	56056.10156	56056.39909	56059.72656	504778.6	5408086.5
L4780.0	504778.6	5408085.3	5606.70020	264.29	130	48.825729	-86.934895	56089.00	56283	-32.96	56056.05	56057.00391	56056.66381	56059.99219	504778.6	5408085.3
L4780.0	504778.5	5408083.8	5606.79981	265.63	130	48.825716	-86.934895	56089.48	56283	-32.96	56056.51	56057.50781	56056.90222	56060.23438	504778.5	5408083.8
L4780.0	504778.5	5408082.1	5606.89990	266.88	130	48.825700	-86.934895	56089.43	56283	-32.97	56056.46	56057.50000	56057.09208	56060.42969	504778.5	5408082.1
L4780.0	504778.5	5408081.1	5607.00000	267.85	130	48.825692	-86.934895	56090.44	56283	-32.98	56057.46	56058.54688	56057.39207	56060.73047	504778.5	5408081.1
L4780.0	504778.5	5408081.1	5607.10010	268.48	130	48.825692	-86.934895	56090.07	56283	-32.99	56057.08	56058.21094	56057.54389	56060.88672	504778.5	5408081.1
L4780.0	504778.5	5408079.9	5607.20020	265.97	130	48.825681	-86.934895	56090.12	56283	-32.99	56057.12	56058.30078	56057.73945	56061.08594	504778.5	5408079.9
L4780.0	504778.5	5408078.4	5607.29981	265.22	130	48.825668	-86.934895	56091.33	56283	-33.00	56058.33	56059.55859	56058.07323	56061.42188	504778.5	5408078.4
L4780.0	504778.5	5408077.0	5607.39990	265.94	130	48.825655	-86.934895	56091.26	56283	-33.00	56058.25	56059.52734	56058.25451	56061.60938	504778.5	5408077.0
L4780.0	504778.5	5408075.3	5607.50000	257.50	130	48.825640	-86.934895	56090.42	56283	-33.01	56057.41	56058.73828	56058.34043	56061.69922	504778.5	5408075.3
L4780.0	504778.5	5408074.4	5607.60010	259.23	130	48.825631	-86.934895	56090.92	56283	-33.02	56057.91	56059.28906	56058.58952	56061.94922	504778.5	5408074.4

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4780.0	504778.5	5408072.9	5607.70020	258.17	130	48.825618	-86.934895	56092.72	56283	-33.02	56059.70	56061.13281	56059.00103	56062.36719	504778.5	5408072.9
L4780.0	504778.5	5408071.5	5607.79981	262.01	130	48.825605	-86.934895	56091.88	56283	-33.03	56058.85	56060.33594	56059.08066	56062.44922	504778.5	5408071.5
L4780.0	504778.5	5408071.5	5607.89990	262.56	130	48.825605	-86.934895	56091.56	56283	-33.03	56058.53	56060.07031	56059.22508	56062.59766	504778.5	5408071.5
L4780.0	504778.5	5408069.8	5608.00000	263.90	130	48.825590	-86.934895	56093.23	56283	-33.04	56060.19	56061.78516	56059.62332	56063.00000	504778.5	5408069.8
L4780.0	504778.5	5408069.8	5608.10010	263.06	130	48.825590	-86.934895	56092.18	56283	-33.04	56059.14	56060.78906	56059.67102	56063.05078	504778.5	5408069.8
L4780.0	504778.5	5408067.6	5608.20020	264.21	130	48.825570	-86.934895	56093.62	56283	-33.05	56060.57	56062.27734	56060.04188	56063.42578	504778.5	5408067.6
L4780.0	504778.5	5408066.2	5608.29981	255.95	130	48.825557	-86.934895	56093.56	56283.1	-33.05	56060.50	56062.26172	56060.21552	56063.60547	504778.5	5408066.2
L4780.0	504778.5	5408065.5	5608.39990	255.25	130	48.825551	-86.934895	56092.50	56283.1	-33.06	56059.44	56061.26172	56060.25361	56063.64453	504778.5	5408065.5
L4780.0	504778.5	5408063.8	5608.50000	263.51	130	48.825536	-86.934895	56094.46	56283.1	-33.06	56061.40	56063.28125	56060.70061	56064.09766	504778.5	5408063.8
L4780.0	504778.5	5408062.3	5608.60010	263.40	130	48.825523	-86.934895	56093.50	56283.1	-33.06	56060.44	56062.37891	56060.74835	56064.14844	504778.5	5408062.3
L4780.0	504778.5	5408060.9	5608.70020	265.00	130	48.825510	-86.934895	56094.52	56283.1	-33.07	56061.45	56063.44922	56061.06691	56064.46875	504778.5	5408060.9
L4780.0	504778.5	5408060.9	5608.79981	265.90	130	48.825510	-86.934895	56094.70	56283.1	-33.07	56061.62	56063.67969	56061.26864	56064.67578	504778.5	5408060.9
L4780.0	504778.5	5408059.2	5608.89990	266.79	130	48.825495	-86.934895	56094.12	56283.1	-33.08	56061.04	56063.16016	56061.36540	56064.77734	504778.5	5408059.2
L4780.0	504778.5	5408057.8	5609.00000	256.82	130	48.825482	-86.934895	56094.57	56283.1	-33.08	56061.49	56063.67188	56061.60490	56065.01953	504778.5	5408057.8
L4780.0	504778.5	5408057.8	5609.10010	257.01	130	48.825482	-86.934895	56094.99	56283.1	-33.09	56061.90	56064.14453	56061.83777	56065.25391	504778.5	5408057.8
L4780.0	504778.5	5408056.0	5609.20020	266.04	130	48.825466	-86.934895	56096.19	56283.1	-33.09	56063.10	56065.40625	56062.17416	56065.59375	504778.5	5408056.0
L4780.0	504778.5	5408054.6	5609.29981	268.42	130	48.825454	-86.934895	56095.20	56283.1	-33.10	56062.10	56064.47266	56062.21798	56065.64063	504778.5	5408054.6
L4780.0	504778.5	5408053.2	5609.39990	268.85	130	48.825441	-86.934896	56096.28	56283.1	-33.11	56063.17	56065.60547	56062.52940	56065.95313	504778.5	5408053.2
L4780.0	504778.5	5408052.5	5609.50000	258.59	130	48.825434	-86.934896	56096.04	56283.1	-33.12	56062.92	56065.41797	56062.67363	56066.10156	504778.5	5408052.5
L4780.0	504778.5	5408051.0	5609.60010	258.62	130	48.825421	-86.934896	56098.01	56283.1	-33.12	56064.89	56067.45313	56063.07205	56066.50391	504778.5	5408051.0
L4780.0	504778.5	5408051.0	5609.70020	265.67	130	48.825421	-86.934896	56096.67	56283.1	-33.13	56063.54	56066.16797	56063.09502	56066.52734	504778.5	5408051.0
L4780.0	504778.5	5408049.3	5609.79981	264.40	130	48.825406	-86.934896	56097.68	56283.1	-33.14	56064.54	56067.23438	56063.36933	56066.80469	504778.5	5408049.3
L4780.0	504778.5	5408046.7	5609.89990	261.49	130	48.825382	-86.934896	56097.40	56283.1	-33.14	56064.25	56067.01172	56063.51442	56066.95313	504778.5	5408046.7
L4780.0	504778.5	5408046.7	5610.00000	258.35	130	48.825382	-86.934896	56097.38	56283.2	-33.15	56064.23	56067.05859	56063.68862	56067.12891	504778.5	5408046.7
L4780.0	504778.5	5408045.0	5610.10010	257.02	130	48.825367	-86.934896	56098.38	56283.2	-33.15	56065.23	56068.12500	56063.93884	56067.38281	504778.5	5408045.0
L4780.0	504778.5	5408043.5	5610.20020	255.89	130	48.825353	-86.934896	56098.90	56283.2	-33.16	56065.74	56068.70313	56064.14326	56067.58594	504778.5	5408043.5
L4780.0	504778.5	5408042.1	5610.29981	255.74	130	48.825341	-86.934896	56099.40	56283.2	-33.16	56066.24	56069.26953	56064.34104	56067.78516	504778.5	5408042.1
L4780.0	504778.5	5408042.1	5610.39990	255.88	130	48.825341	-86.934896	56098.61	56283.2	-33.17	56065.45	56068.54688	56064.47572	56067.92188	504778.5	5408042.1
L4780.0	504778.5	5408040.4	5610.50000	257.47	130	48.825326	-86.934897	56099.51	56283.2	-33.17	56066.34	56069.50391	56064.68817	56068.13672	504778.5	5408040.4
L4780.0	504778.5	5408039.1	5610.60010	256.34	130	48.825314	-86.934897	56098.96	56283.2	-33.17	56065.79	56069.02344	56064.84863	56068.29688	504778.5	5408039.1
L4780.0	504778.5	5408037.7	5610.70020	259.96	130	48.825302	-86.934897	56099.68	56283.2	-33.18	56066.50	56069.80078	56065.04763	56068.49609	504778.5	5408037.7
L4780.0	504778.4	5408036.0	5610.79981	259.84	130	48.825286	-86.934897	56100.28	56283.2	-33.18	56067.10	56070.47266	56065.23898	56068.69141	504778.4	5408036.0
L4780.0	504778.4	5408036.0	5610.89990	252.77	130	48.825286	-86.934897	56100.08	56283.2	-33.19	56066.90	56070.33984	56065.41841	56068.87109	504778.4	5408036.0
L4780.0	504778.4	5408034.5	5611.00000	253.54	130	48.825273	-86.934897	56100.08	56283.2	-33.19	56066.89	56070.39844	56065.60372	56069.05469	504778.4	5408034.5
L4780.0	504778.4	5408032.8	5611.10010	260.61	130	48.825257	-86.934897	56099.98	56283.2	-33.19	56066.78	56070.35938	56065.79082	56069.24219	504778.4	5408032.8
L4780.0	504778.4	5408032.8	5611.20020	258.89	130	48.825257	-86.934897	56100.99	56283.2	-33.19	56067.80	56071.44922	56065.98364	56069.43359	504778.4	5408032.8
L4780.0	504778.5	5408030.1	5611.29981	258.61	130	48.825233	-86.934897	56101.27	56283.2	-33.20	56068.07	56071.78906	56066.17450	56069.62500	504778.5	5408030.1
L4780.0	504778.5	5408030.1	5611.39990	257.62	130	48.825233	-86.934897	56101.63	56283.2	-33.20	56068.43	56072.21875	56066.36760	56069.82031	504778.5	5408030.1
L4780.0	504778.5	5408028.5	5611.50000	255.80	130	48.825218	-86.934897	56101.09	56283.2	-33.20	56067.89	56071.75000	56066.55687	56070.00781	504778.5	5408028.5
L4780.0	504778.5	5408026.9	5611.60010	256.31	130	48.825204	-86.934897	56101.38	56283.2	-33.20	56068.17	56072.09766	56066.75128	56070.19922	504778.5	5408026.9
L4780.0	504778.5	5408026.9	5611.70020	257.04	130	48.825204	-86.934897	56101.54	56283.2	-33.20	56068.34	56072.33984	56066.94545	56070.39453	504778.5	5408026.9
L4780.0	504778.5	5408025.2	5611.79981	258.61	130	48.825189	-86.934897	56101.68	56283.2	-33.21	56068.47	56072.53906	56067.13916	56070.58594	504778.5	5408025.2
L4780.0	504778.5	5408023.6	5611.89990	259.58	130	48.825174	-86.934896	56102.28	56283.2	-33.21	56069.07	56073.20703	56067.34438	56070.78906	504778.5	5408023.6
L4780.0	504778.5	5408022.1	5612.00000	250.70	130	48.825161	-86.934896	56101.95	56283.2	-33.21	56068.74	56072.94922	56067.52557	56070.96875	504778.5	5408022.1
L4780.0	504778.5	5408020.9	5612.10010	251.46	130	48.825150	-86.934896	56102.36	56283.2	-33.21	56069.15	56073.42969	56067.72816	56071.16797	504778.5	5408020.9
L4780.0	504778.5	5408020.9	5612.20020	254.07	130	48.825150	-86.934896	56103.64	56283.2	-33.22	56070.42	56074.76953	56067.97159	56071.41016	504778.5	5408020.9
L4780.0	504778.5	5408019.3	5612.29981	267.22	130	48.825135	-86.934896	56103.35	56283.2	-33.22	56070.12	56074.53906	56068.14918	56071.58594	504778.5	5408019.3
L4780.0	504778.5	5408017.8	5612.39990	266.04	130	48.825122	-86.934896	56103.32	56283.2	-33.23	56070.09	56074.58203	56068.33542	56071.76953	504778.5	5408017.8
L4780.0	504778.5	5408016.1	5612.50000	267.19	130	48.825107	-86.934896	56103.12	56283.2	-33.24	56069.89	56074.44922	56068.50725	56071.93750	504778.5	5408016.1
L4780.0	504778.5	5408014.9	5612.60010	269.45	130	48.825097	-86.934896	56103.45	56283.2	-33.24	56070.21	56074.83984	56068.71025	56072.13672	504778.5	5408014.9
L4780.0	504778.5	5408014.9	5612.70020	267.68	130	48.825097	-86.934896	56103.90	56283.2	-33.25	56070.65	56075.35156	56068.92343	56072.34766	504778.5	5408014.9
L4780.0	504778.5	5408013.5	5612.79981	259.54	130	48.825083	-86.934896	56104.39	56283.3	-33.25	56071.14	56075.91016	56069.14277	56072.56250	504778.5	5408013.5
L4780.0	504778.5	5408012.1	5612.89990	262.55	130	48.825071	-86.934896	56104.56	56283.3	-33.26	56071.30	56076.14063	56069.33489	56072.75391	504778.5	5408012.1
L4780.0	504778.5	5408010.7	5613.00000	263.35	130	48.825059	-86.934896	56104.84	56283.3	-33.26	56071.58	56076.48828	56069.53638	56072.94922	504778.5	5408010.7
L4780.0	504778.5	5408010.7	5613.10010	263.68	130	48.825059	-86.934896	56104.48	56283.3	-33.26	56071.21	56076.19141	56069.67335	56073.08203	504778.5	5408010.7
L4780.0	504778.5	5408008.6	5613.20020	264.84	130	48.825040	-86.934896	56104.86	56283.3	-33.27	56071.59	56076.64063	56069.88044	56073.28516	504778.5	5408008.6
L4780.0	504778.6	5408007.1	5613.29981	266.32	130	48.825027	-86.934896	56104.56	56283.3	-33.27	56071.29	56076.41016	56070.01616	56073.41797	504778.6	5408007.1
L4780.0	504778.6	5408005.7	5613.39990	265.51	130	48.825013	-86.934896	56105.09	56283.3	-33.28	56071.81	56076.99609	56070.23499	56073.62891	504778.6	5408005.7
L4780.0	504778.5	5408003.7	5613.50000	265.42	130	48.824995	-86.934896	56106.08	56283.3	-33.28	56072.80	56078.05859	56070.50330	56073.89453	504778.5	5408003.7
L4780.0	504778.5	5408003.7	5613.60010	265.07	130	48.824995	-86.934896	56106.33	56283.3	-33.28	56073.05	56078.37500	56070.69072	56074.07422	504778.5	5408003.7
L4780.0	504778.5	5408002.1	5613.70020	264.80	130	48.824981	-86.934896	56106.40	56283.3	-33.29	56073.11	56078.50391	56070.85528	56074.23438	504778.5	5408002.1
L4780.0	504778.5	5408000.8	5613.79981	263.44	130	48.824969	-86.934896	56106.31	56283.3	-33.29	56073.02	56078.48438	56071.00190	56074.37500	504778.5	5408000.8
L4780.0	504778.5	5408000.8	5613.89990	262.85	130	48.824969	-86.934896	56106.66	56283.3	-33.30	56073.36	56078.89063	56071.19179	56074.55859	504778.5	5408000.8
L4780.0	504778.5	5407998.9	5614.00000	264.63	130	48.824952	-86.934896	56106.74	56283.3	-33.30	56073.44	56079.03906	56071.35268	56074.71484	504778.5	5407998.9
L4780.0	504778.5	5407997.7	5614.10010	263.78	130	48.824941	-86.934896	56106.66	56283.3	-33.30	56073.36	56079.02734	56071.49674	56074.85156	504778.5	5407997.7
L4780.0	504778.5	5407996.2	5614.20020	263.30	130	48.824928	-86.934896	56107.42	56283.3	-33.30	56074.12	56079.85547	56071.71902	56075.06641	504778.5	5407996.2
L4780.0	504778.5	5407994.8	5614.29981	262.76	130	48.824915	-86.934896	56107.46	56283.3	-33.30	56074.16	56079.96094	56071.87054	56075.21094	504778.5	5407994.8
L4780.0	504778.5	5407994.8	5614.39990	264.49	130	48.824915	-86.934896	56107.46	56283.3	-33.30	56074.16	56080.02734	56072.01821	56075.35156	504778.5	5407994.8
L4780.0	504778.5	5407993.5	5614.50000	264.14	130	48.824904	-86.934896	56107.02	56283.3	-33.30	56073.72	56079.65625	56072.13251	56075.45703	504778.5	5407993.5
L4780.0	504778.5	5407991.1	5614.60010	263.56	130	48.824882	-86.934896	56107.32	56283.3	-33.30	56074.02	56080.02344	56072.30494	56075.62500	504778.5	5407991.1
L4780.0	504778.5	5407991.1	5614.70020	262.58	130	48.824882	-86.934896	56108.14	56283.3	-33.30	56074.84	56080.91016	56072.50675	56075.81641	504778.5	5407991.1
L4780.0	504778.5	5407989.9	5614.79981	263.53	130	48.824871	-86.934896	56108.88	56283.3	-33.30	56075.58	56081.71484	56072.69277	56075.99609	504778.5	5407989.9
L4780.0	504778.5	5407988.3	5614.89990	264.40	130	48.824856	-86.934897	56108.96	56283.3	-33.30	56075.66	56081.85938	56072.83703	56076.13281	504778.5	5407988.3
L4780.0	504778.5	5407986.5	5615.00000	261.82	130	48.824841	-86.934897	56109.19	56283.3	-33.30	56075.89	56082.15625	56072.98676	56076.27344	504778.5	5407986.5
L4780.0	504778.5	5407985.1	5615.10010	260.97	130	48.824828	-86.934897	56109.37	56283.3	-33.31	56076.06	56082.39063	56073.13201	56076.41016	504778.5	5407985.1
L4780.0	504778.5	5407985.1	5615.20020	260.30	130	48.824828	-86.934897	56109.89	56283.3	-33.31	56076.58	56082.97656	56073.28232	56076.55078	504778.5	5407985.1
L4780.0	504778.5	5407983.6	5615.29981	259.38	130	48.824815	-86.934897	56109.32	56283.3	-33.32	56076.00	56082.46094	56073.41398	56076.67188	504778.5	5407983.6
L4780.0	504778.5	5407982.2	5615.39990	260.67	130	48.824802	-86.934897	56109.49	56283.3	-33.32	56076.17	56082.69531	56073.55866	56076.80859	504778.5	5407982.2
L4780.0	504778.5	5407981.2	5615.50000	258.48	130	48.824793	-86.934897	56109.68	56283.3	-33.33	56076.35	56082.93750	56073.70202	56076.94141	504778.5	5407981.2
L4780.0	504778.5	5407981.2	5615.60010	257.10	130	48.824793	-86.934897	56110.53	56283.3	-33.34	56077.19	56083.83984	56073.82901	56077.05859	504778.5	5407981.2
L4780.0	504778.5	5407979.5	5615.70020	257.86	130	48.824778	-86.934897	56110.47	56283.3	-33.34	56077.13	56083.84375	56073.97096	56077.19141	504778.5	5407979.5
L4780.0	504778.5	5407978.2	5615.79981	259.09	130	48.824766	-86.934897	56110.42	56283.3	-33.35	56077.07	56083.84766	56074.11758	56077.32813	504778.5	5407978.2
L4780.0	504778.5	5407976.3	5615.89990	259.81	130	48.824749	-86.934897	56110.18	56283.4	-33.35	56076.83	56083.66797	56074.27928	56077.47656	504778.5	5407976.3
L4780.0	504778.5	5407974.9	5616.00000	260.56	130	48.824736	-86.934897	56110.88	56283.4	-33.36	56077.52	56084.42188	56074.38801	56077.57813	504778.5	5407974.9
L4780.0	504778.5	5407974.4	5616.10010	257.94	130	48.824732	-86.934897	56111.82	56283.4	-33.36	56078.46	56085.42188	56074.50540	56077.68359	504778.5	5407974.4
L4780.0	504778.4	5407972.8	5616.20020	257.86	130	48.824718	-86.934897	56111.36	56283.4	-33.36	56078.00	56085.02344	56074.71566	56077.88281	504778.4	5407972.8
L4780.0	504778.4	5407971.5	5616.29981	258.11	130	48.824706	-86.934897	56111.59	56283.4	-33.37	56078.22	56085.30078	56074.88013	56078.03516	504778.4	5407971.5
L4780.0	504778.5	5407970.0	5616.39990	256.36	130	48.824692	-86.934897	56112.22	56283.4	-33.37	56078.85	56085.99219	56075.01680	56078.16016	504778.5	5407970.0
L4780.0	504778.5	5407970.0	5616.50000	254.16	130	48.824692	-86.934897	56112.02	56283.4	-33.37	56078.65	56085.85156	56075.20833	56078.33984	504778.5	5407970.0
L4780.0	504778.5	5407968.0	5616.60010	253.22	130	48.824674	-86.934897	56112.05	56283.4	-33.37	56078.68	56085.94141	56075.38406	56078.50391	504778.5	5407968.0
L4780.0	504778.5	5407966.6	5616.70020	253.11	130	48.824661	-86.934897	56112.25	56283.4	-33.37	56078.88	56086.19922	56075.54799	56078.65625	504778.5	5407966.6
L4780.0	504778.5	5407965.2	5616.79981	253.34	130	48.824649	-86.934897	56113.04	56283.4	-33.38	56079.66	56087.03906	56075.67278	56078.76953	504778.5	5407965.2
L4780.0	504778.5	5407965.2	5616.89990	253.70	130	48.824649	-86.934897	56113.13	56283.4	-33.38	56079.76	56087.19531	56075.84243	56078.92578	504778.5	5407965.2

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4780.0	504778.5	5407963.7	5617.00000	253.96	130	48.824636	-86.934897	56113.28	56283.4	-33.38	56079.90	56087.39453	56076.00894	56079.07813	504778.5	5407963.7
L4780.0	504778.5	5407962.5	5617.10010	254.40	130	48.824625	-86.934897	56113.21	56283.4	-33.38	56079.83	56087.37891	56076.18898	56079.24609	504778.5	5407962.5
L4780.0	504778.5	5407960.7	5617.20020	252.66	130	48.824608	-86.934897	56113.23	56283.4	-33.39	56079.85	56087.45703	56076.36255	56079.40625	504778.5	5407960.7
L4780.0	504778.5	5407960.7	5617.29981	252.33	130	48.824608	-86.934897	56113.59	56283.4	-33.39	56080.19	56087.85156	56076.51432	56079.54297	504778.5	5407960.7
L4780.0	504778.5	5407958.9	5617.39990	253.68	130	48.824592	-86.934897	56114.25	56283.4	-33.40	56080.85	56088.56641	56076.64429	56079.66016	504778.5	5407958.9
L4780.0	504778.5	5407958.0	5617.50000	253.49	130	48.824585	-86.934898	56114.47	56283.4	-33.40	56081.07	56088.83984	56076.80312	56079.80469	504778.5	5407958.0
L4780.0	504778.5	5407956.6	5617.60010	252.32	130	48.824571	-86.934898	56114.55	56283.4	-33.40	56081.15	56088.97266	56076.97082	56079.96094	504778.5	5407956.6
L4780.0	504778.5	5407955.4	5617.70020	254.76	130	48.824561	-86.934898	56114.88	56283.4	-33.41	56081.47	56089.34766	56077.12205	56080.09766	504778.5	5407955.4
L4780.0	504778.4	5407953.9	5617.79981	262.11	130	48.824548	-86.934898	56114.63	56283.4	-33.41	56081.22	56089.15234	56077.31083	56080.26953	504778.4	5407953.9
L4780.0	504778.5	5407952.5	5617.89990	262.63	130	48.824535	-86.934898	56114.30	56283.4	-33.42	56080.88	56088.86328	56077.50514	56080.44922	504778.5	5407952.5
L4780.0	504778.4	5407951.1	5618.00000	263.71	130	48.824522	-86.934898	56114.78	56283.4	-33.42	56081.36	56089.39453	56077.64433	56080.57422	504778.4	5407951.1
L4780.0	504778.4	5407951.1	5618.10010	255.86	130	48.824522	-86.934898	56115.48	56283.4	-33.42	56082.05	56090.13672	56077.76906	56080.68359	504778.4	5407951.1
L4780.0	504778.4	5407948.6	5618.20020	257.74	130	48.824500	-86.934898	56115.77	56283.4	-33.43	56082.34	56090.47656	56077.92000	56080.82031	504778.4	5407948.6
L4780.0	504778.4	5407948.6	5618.29981	259.82	130	48.824500	-86.934898	56115.91	56283.4	-33.43	56082.48	56090.66406	56078.08048	56080.96484	504778.4	5407948.6
L4780.0	504778.4	5407947.1	5618.39990	261.14	130	48.824486	-86.934898	56115.72	56283.4	-33.44	56082.28	56090.51563	56078.26317	56081.13281	504778.4	5407947.1
L4780.0	504778.4	5407946.2	5618.50000	261.56	130	48.824478	-86.934898	56115.38	56283.4	-33.44	56081.94	56090.22266	56078.45474	56081.30859	504778.4	5407946.2
L4780.0	504778.4	5407944.7	5618.60010	262.40	130	48.824465	-86.934898	56115.70	56283.4	-33.44	56082.25	56090.58203	56078.60252	56081.44141	504778.4	5407944.7
L4780.0	504778.4	5407943.5	5618.70020	262.06	130	48.824454	-86.934899	56116.60	56283.4	-33.45	56083.15	56091.52734	56078.71051	56081.53125	504778.4	5407943.5
L4780.0	504778.4	5407942.1	5618.79981	259.97	130	48.824441	-86.934899	56117.11	56283.5	-33.45	56083.65	56092.07422	56078.84469	56081.64844	504778.4	5407942.1
L4780.0	504778.4	5407942.1	5618.89990	257.09	130	48.824441	-86.934899	56116.70	56283.5	-33.46	56083.24	56091.71094	56079.03908	56081.82813	504778.4	5407942.1
L4780.0	504778.4	5407940.6	5619.00000	254.85	130	48.824427	-86.934899	56115.41	56283.5	-33.46	56081.95	56090.46484	56079.29165	56082.06250	504778.4	5407940.6
L4780.0	504778.4	5407938.4	5619.10010	253.64	130	48.824408	-86.934899	56117.26	56283.5	-33.47	56083.79	56092.34766	56079.33508	56082.08984	504778.4	5407938.4
L4780.0	504778.3	5407937.0	5619.20020	251.92	130	48.824395	-86.934899	56117.48	56283.5	-33.47	56084.01	56092.60938	56079.48601	56082.22266	504778.3	5407937.0
L4780.0	504778.3	5407936.0	5619.29981	248.23	130	48.824386	-86.934899	56117.06	56283.5	-33.48	56083.57	56092.21484	56079.68044	56082.40234	504778.3	5407936.0
L4780.0	504778.3	5407935.0	5619.39990	245.63	130	48.824378	-86.934899	56117.31	56283.5	-33.49	56083.82	56092.50391	56079.82835	56082.53125	504778.3	5407935.0
L4780.0	504778.3	5407933.6	5619.50000	242.08	130	48.824365	-86.934900	56117.82	56283.5	-33.49	56084.32	56093.04688	56079.95908	56082.64453	504778.3	5407933.6
L4780.0	504778.3	5407932.4	5619.60010	241.71	130	48.824354	-86.934900	56118.62	56283.5	-33.50	56085.12	56093.88672	56080.06926	56082.73828	504778.3	5407932.4
L4780.0	504778.3	5407932.4	5619.70020	240.97	130	48.824354	-86.934900	56119.23	56283.5	-33.51	56085.72	56094.52734	56080.19221	56082.84375	504778.3	5407932.4
L4780.0	504778.3	5407930.9	5619.79981	240.87	130	48.824340	-86.934900	56118.53	56283.5	-33.52	56085.01	56093.85547	56080.40193	56083.03516	504778.3	5407930.9
L4780.0	504778.3	5407929.7	5619.89990	243.72	130	48.824330	-86.934900	56118.74	56283.5	-33.52	56085.22	56094.10156	56080.54972	56083.16406	504778.3	5407929.7
L4780.0	504778.3	5407928.3	5620.00000	243.93	130	48.824317	-86.934900	56118.68	56283.5	-33.53	56085.15	56094.07031	56080.71556	56083.30859	504778.3	5407928.3
L4780.0	504778.3	5407926.8	5620.10010	246.65	130	48.824304	-86.934900	56118.97	56283.5	-33.54	56085.44	56094.39453	56080.85677	56083.43359	504778.3	5407926.8
L4780.0	504778.3	5407926.8	5620.20020	251.22	130	48.824304	-86.934900	56119.04	56283.5	-33.54	56085.49	56094.48047	56081.01333	56083.57031	504778.3	5407926.8
L4780.0	504778.3	5407924.9	5620.29981	252.34	130	48.824286	-86.934900	56119.48	56283.5	-33.55	56085.93	56094.95313	56081.14321	56083.67969	504778.3	5407924.9
L4780.0	504778.3	5407922.8	5620.39990	257.55	130	48.824267	-86.934900	56120.04	56283.6	-33.55	56086.49	56095.54688	56081.26439	56083.78125	504778.3	5407922.8
L4780.0	504778.3	5407922.8	5620.50000	259.07	130	48.824267	-86.934900	56120.50	56283.6	-33.56	56086.94	56096.02734	56081.39219	56083.89063	504778.3	5407922.8
L4780.0	504778.3	5407921.5	5620.60010	263.64	130	48.824256	-86.934900	56120.82	56283.6	-33.57	56087.25	56096.37109	56081.52857	56084.00781	504778.3	5407921.5
L4780.0	504778.3	5407920.0	5620.70020	264.46	130	48.824243	-86.934900	56120.75	56283.6	-33.57	56087.18	56096.32813	56081.68951	56084.14844	504778.3	5407920.0
L4780.0	504778.3	5407918.9	5620.79981	263.34	130	48.824233	-86.934900	56121.13	56283.6	-33.58	56087.56	56096.73828	56081.81966	56084.26172	504778.3	5407918.9
L4780.0	504778.3	5407917.9	5620.89990	259.40	130	48.824223	-86.934900	56121.22	56283.6	-33.58	56087.64	56096.84766	56081.96900	56084.39063	504778.3	5407917.9
L4780.0	504778.3	5407916.9	5621.00000	256.51	130	48.824215	-86.934900	56120.98	56283.6	-33.59	56087.39	56096.62500	56082.13949	56084.53906	504778.3	5407916.9
L4780.0	504778.3	5407915.5	5621.10010	256.20	130	48.824202	-86.934900	56121.18	56283.6	-33.60	56087.58	56096.83984	56082.27979	56084.66016	504778.3	5407915.5
L4780.0	504778.3	5407913.6	5621.20020	251.17	130	48.824185	-86.934900	56121.66	56283.6	-33.60	56088.05	56097.33594	56082.40053	56084.76172	504778.3	5407913.6
L4780.0	504778.3	5407913.6	5621.29981	250.31	130	48.824185	-86.934900	56122.24	56283.6	-33.61	56088.63	56097.94141	56082.51303	56084.85156	504778.3	5407913.6
L4780.0	504778.3	5407912.0	5621.39990	253.04	130	48.824171	-86.934900	56122.49	56283.6	-33.62	56088.87	56098.20313	56082.64727	56084.96484	504778.3	5407912.0
L4780.0	504778.3	5407910.9	5621.50000	251.32	130	48.824161	-86.934901	56122.77	56283.6	-33.63	56089.14	56098.49609	56082.77855	56085.07422	504778.3	5407910.9
L4780.0	504778.3	5407909.4	5621.60010	251.09	130	48.824147	-86.934901	56123.23	56283.6	-33.63	56089.60	56098.97656	56082.89619	56085.17188	504778.3	5407909.4
L4780.0	504778.3	5407909.4	5621.70020	249.82	130	48.824147	-86.934901	56122.95	56283.6	-33.64	56089.31	56098.70703	56083.06285	56085.31641	504778.3	5407909.4
L4780.0	504778.3	5407906.8	5621.79981	250.38	130	48.824123	-86.934901	56122.85	56283.6	-33.65	56089.20	56098.61328	56083.21649	56085.44922	504778.3	5407906.8
L4780.0	504778.3	5407906.8	5621.89990	250.80	130	48.824123	-86.934901	56122.90	56283.7	-33.65	56089.24	56098.67188	56083.35910	56085.57031	504778.3	5407906.8
L4780.0	504778.3	5407905.1	5622.00000	248.87	130	48.824108	-86.934901	56123.23	56283.7	-33.66	56089.57	56099.01953	56083.48133	56085.67188	504778.3	5407905.1
L4780.0	504778.3	5407903.6	5622.10010	248.11	130	48.824095	-86.934901	56123.68	56283.7	-33.67	56090.01	56099.47266	56083.59517	56085.76563	504778.3	5407903.6
L4780.0	504778.3	5407902.1	5622.20020	246.24	130	48.824082	-86.934901	56123.76	56283.7	-33.69	56090.07	56099.54688	56083.73326	56085.88281	504778.3	5407902.1
L4780.0	504778.2	5407900.9	5622.29981	249.20	130	48.824071	-86.934901	56124.41	56283.7	-33.70	56090.71	56100.19922	56083.83158	56085.95703	504778.2	5407900.9
L4780.0	504778.2	5407899.7	5622.39990	248.94	130	48.824059	-86.934901	56124.17	56283.7	-33.71	56090.46	56099.96094	56083.98814	56086.09375	504778.2	5407899.7
L4780.0	504778.2	5407898.5	5622.50000	243.22	130	48.824049	-86.934901	56124.03	56283.7	-33.73	56090.31	56099.82422	56084.13690	56086.21875	504778.2	5407898.5
L4780.0	504778.2	5407897.1	5622.60010	240.96	130	48.824036	-86.934901	56124.22	56283.7	-33.74	56090.48	56100.00391	56084.26320	56086.32422	504778.2	5407897.1
L4780.0	504778.2	5407896.1	5622.70020	246.05	130	48.824027	-86.934901	56124.64	56283.8	-33.75	56090.89	56100.41797	56084.37235	56086.41016	504778.2	5407896.1
L4780.0	504778.2	5407894.6	5622.79981	245.06	130	48.824014	-86.934901	56124.70	56283.8	-33.76	56090.93	56100.46484	56084.50500	56086.51953	504778.2	5407894.6
L4780.0	504778.2	5407894.6	5622.89990	246.67	130	48.824014	-86.934901	56124.46	56283.8	-33.78	56090.68	56100.22266	56084.65580	56086.64844	504778.2	5407894.6
L4780.0	504778.3	5407893.2	5623.00000	249.14	130	48.824001	-86.934901	56125.07	56283.8	-33.79	56091.28	56100.82813	56084.74876	56086.71875	504778.3	5407893.2
L4780.0	504778.3	5407890.8	5623.10010	252.38	130	48.823980	-86.934901	56125.76	56283.8	-33.80	56091.96	56101.50781	56084.83518	56086.78516	504778.3	5407890.8
L4780.0	504778.3	5407890.8	5623.20020	253.52	130	48.823980	-86.934901	56125.20	56283.8	-33.81	56091.39	56100.94141	56085.00373	56086.92969	504778.3	5407890.8
L4780.0	504778.3	5407889.5	5623.29981	256.34	130	48.823968	-86.934901	56125.34	56283.8	-33.82	56091.51	56101.06250	56085.12505	56087.02734	504778.3	5407889.5
L4780.0	504778.3	5407887.6	5623.39990	258.52	130	48.823951	-86.934901	56126.09	56283.8	-33.83	56092.25	56101.80078	56085.20381	56087.08594	504778.3	5407887.6
L4780.0	504778.3	5407887.6	5623.50000	260.27	130	48.823951	-86.934901	56126.13	56283.8	-33.85	56092.28	56101.82813	56085.32865	56087.18750	504778.3	5407887.6
L4780.0	504778.3	5407885.9	5623.60010	263.44	130	48.823936	-86.934901	56125.86	56283.9	-33.86	56092.00	56101.54297	56085.47291	56087.30859	504778.3	5407885.9
L4780.0	504778.3	5407884.5	5623.70020	261.98	130	48.823923	-86.934901	56126.42	56283.9	-33.87	56092.55	56102.08984	56085.56056	56087.37109	504778.3	5407884.5
L4780.0	504778.3	5407883.0	5623.79981	259.94	130	48.823909	-86.934901	56127.02	56283.9	-33.88	56093.14	56102.67188	56085.64427	56087.43359	504778.3	5407883.0
L4780.0	504778.3	5407882.0	5623.89990	254.31	130	48.823901	-86.934901	56127.17	56283.9	-33.89	56093.28	56102.80469	56085.75670	56087.52344	504778.3	5407882.0
L4780.0	504778.3	5407880.6	5624.00000	251.57	130	48.823888	-86.934901	56126.39	56283.9	-33.90	56092.49	56102.00781	56085.92983	56087.67188	504778.3	5407880.6
L4780.0	504778.3	5407880.6	5624.10010	249.46	130	48.823888	-86.934901	56126.77	56283.9	-33.92	56092.85	56102.35547	56086.10602	56087.82813	504778.3	5407880.6
L4780.0	504778.3	5407879.1	5624.20020	248.61	130	48.823875	-86.934901	56127.75	56283.9	-33.93	56093.82	56103.31250	56086.28668	56087.98438	504778.3	5407879.1
L4780.0	504778.3	5407877.9	5624.29981	250.49	130	48.823864	-86.934901	56127.83	56283.9	-33.95	56093.88	56103.36328	56086.50464	56088.17969	504778.3	5407877.9
L4780.0	504778.3	5407876.5	5624.39990	259.64	130	48.823851	-86.934901	56127.40	56284	-33.96	56093.44	56102.90625	56086.71572	56088.36719	504778.3	5407876.5
L4780.0	504778.3	5407875.4	5624.50000	250.00	130	48.823842	-86.934901	56127.04	56284	-33.98	56093.06	56102.51172	56086.90326	56088.53125	504778.3	5407875.4
L4780.0	504778.3	5407874.3	5624.60010	249.82	130	48.823831	-86.934901	56127.70	56284	-34.00	56093.70	56103.13281	56087.08621	56088.69141	504778.3	5407874.3
L4780.0	504778.3	5407872.8	5624.70020	260.52	130	48.823818	-86.934901	56128.27	56284	-34.01	56094.25	56103.66406	56087.27237	56088.85547	504778.3	5407872.8
L4780.0	504778.3	5407872.8	5624.79981	263.91	130	48.823818	-86.934901	56128.34	56284	-34.03	56094.31	56103.70703	56087.44610	56089.00781	504778.3	5407872.8
L4780.0	504778.3	5407870.0	5624.89990	267.04	130	48.823792	-86.934901	56127.86	56284	-34.04	56093.81	56103.18359	56087.59143	56089.12891	504778.3	5407870.0
L4780.0	504778.3	5407870.0	5625.00000	268.33	130	48.823792	-86.934901	56128.44	56284.1	-34.06	56094.38	56103.73438	56087.78300	56089.29688	504778.3	5407870.0
L4780.0	504778.3	5407868.5	5625.10010	271.40	130	48.823779	-86.934901	56128.54	56284.1	-34.08	56094.46	56103.78906	56087.95251	56089.44531	504778.3	5407868.5
L4780.0	504778.3	5407866.1	5625.20020	269.25	130	48.823757	-86.934901	56129.13	56284.1	-34.10	56095.03	56104.33203	56088.15934	56089.62891	504778.3	5407866.1
L4780.0	504778.3	5407866.1	5625.29981	265.77	130	48.823757	-86.934901	56128.82	56284.1	-34.12	56094.70	56103.97656	56088.30063	56089.74609	504778.3	5407866.1
L4780.0	504778.3	5407864.5	5625.39990	266.29	130	48.823743	-86.934901	56129.62	56284.1	-34.14	56095.49	56104.73828	56088.54092	56089.96484	504778.3	5407864.5
L4780.0	504778.3	5407863.2	5625.50000	266.39	130	48.823731	-86.934900	56128.56	56284.2	-34.15	56094.41	56103.62891	56088.59010	56089.99219	504778.3	5407863.2
L4780.0	504778.3	5407862.4	5625.60010	264.31	130	48.823724	-86.934900	56129.76	56284.2	-34.17	56095.58	56104.76953	56088.87596	56090.25391	504778.3	5407862.4
L4780.0	504778.3	5407860.9	5625.70020	263.57	130	48.823711	-86.934900	56128.72	56284.2	-34.19	56094.53	56103.68750	56088.88983	56090.24609	504778.3	5407860.9
L4780.0	504778.3	5407860.9	5625.79981	261.69	130	48.823711	-86.934900	56129.10	56284.2	-34.21	56094.89	56104.01172	56089.06345	56090.39844	504778.3	5407860.9
L4780.0	504778.3	5407859.3	5625.89990	262.41	130	48.823696	-86.934900	56129.85	56284.2	-34.23	56095.62	56104.71094	56089.27821	56090.58984	504778.3	5407859.3
L4780.0	504778.4	5407857.6	5626.00000	262.58	130	48.823681	-86.934900	56128.97	56284.3	-34.25	56094.72	56103.77344	56089.24785	56090.53516	504778.4	5407857.6
L4780.0	504778.4	5407856.1	5626.10010	265.06	130	48.823668	-86.934900	56129.96	56284.3	-34.26	56095.70	56104.71484	56089.47124	56090.73828	504778.4	5407856.1
L4780.0	504778.4	5407854.5	5626.20020	265.08	130	48.823653	-86.934900	56130.64	56284.3	-34.27	56096.36	56105.33594	56089.63513	56090.87891	504778.4	5407854.5

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4780.0	504778.4	5407854.5	5626.29981	267.81	130	48.823653	-86.934900	56130.16	56284.3	-34.29	56095.87	56104.80859	56089.62145	56090.84375	504778.4	5407854.5
L4780.0	504778.4	5407853.3	5626.39990	267.58	130	48.823642	-86.934900	56129.63	56284.3	-34.30	56095.33	56104.22656	56089.59382	56090.79688	504778.4	5407853.3
L4780.0	504778.4	5407852.0	5626.50000	266.67	130	48.823631	-86.934900	56129.27	56284.3	-34.31	56094.96	56103.81250	56089.58672	56090.76563	504778.4	5407852.0
L4780.0	504778.4	5407850.4	5626.60010	266.11	130	48.823616	-86.934900	56130.23	56284.3	-34.32	56095.90	56104.71094	56089.75043	56090.91016	504778.4	5407850.4
L4780.0	504778.4	5407848.7	5626.70020	269.82	130	48.823601	-86.934899	56130.19	56284.3	-34.33	56095.85	56104.61719	56089.77844	56090.91406	504778.4	5407848.7
L4780.0	504778.4	5407848.7	5626.79981	270.41	130	48.823601	-86.934899	56130.54	56284.3	-34.35	56096.19	56104.91016	56089.85130	56090.96875	504778.4	5407848.7
L4780.0	504778.5	5407846.2	5626.89990	272.45	130	48.823579	-86.934899	56130.09	56284.4	-34.36	56095.73	56104.40234	56089.82515	56090.92188	504778.5	5407846.2
L4780.0	504778.5	5407846.2	5627.00000	272.13	130	48.823579	-86.934899	56130.74	56284.4	-34.37	56096.37	56104.99609	56089.92210	56090.99609	504778.5	5407846.2
L4780.0	504778.5	5407844.5	5627.10010	258.90	130	48.823564	-86.934899	56131.57	56284.4	-34.39	56097.18	56105.75391	56090.02541	56091.07813	504778.5	5407844.5
L4780.0	504778.5	5407843.3	5627.20020	259.10	130	48.823553	-86.934898	56132.23	56284.4	-34.42	56097.82	56106.34375	56090.09728	56091.12891	504778.5	5407843.3
L4780.0	504778.5	5407841.9	5627.29981	268.94	130	48.823540	-86.934898	56132.05	56284.4	-34.44	56097.60	56106.07031	56090.07774	56091.08984	504778.5	5407841.9
L4780.0	504778.5	5407840.5	5627.39990	267.11	130	48.823527	-86.934898	56131.28	56284.5	-34.47	56096.81	56105.23047	56090.01026	56091.00391	504778.5	5407840.5
L4780.0	504778.5	5407840.5	5627.50000	263.58	130	48.823527	-86.934898	56131.50	56284.5	-34.49	56097.01	56105.37500	56090.02452	56090.99609	504778.5	5407840.5
L4780.0	504778.6	5407839.0	5627.60010	261.49	130	48.823514	-86.934897	56131.77	56284.5	-34.51	56097.25	56105.55859	56090.03617	56090.98828	504778.6	5407839.0
L4780.0	504778.6	5407837.5	5627.70020	260.95	130	48.823501	-86.934897	56131.95	56284.5	-34.54	56097.42	56105.67188	56090.04025	56090.97266	504778.6	5407837.5
L4780.0	504778.6	5407835.8	5627.79981	260.21	130	48.823485	-86.934897	56131.86	56284.6	-34.56	56097.29	56105.48438	56090.02979	56090.94141	504778.6	5407835.8
L4780.0	504778.6	5407835.8	5627.89990	258.22	130	48.823485	-86.934897	56131.98	56284.6	-34.59	56097.39	56105.52734	56090.03605	56090.92969	504778.6	5407835.8
L4780.0	504778.6	5407834.1	5628.00000	257.60	130	48.823470	-86.934897	56132.88	56284.6	-34.61	56098.27	56106.34766	56090.07621	56090.95313	504778.6	5407834.1
L4780.0	504778.6	5407832.6	5628.10010	257.35	130	48.823457	-86.934897	56131.90	56284.6	-34.62	56097.28	56105.29688	56090.05870	56090.91406	504778.6	5407832.6
L4780.0	504778.6	5407831.2	5628.20020	259.64	130	48.823444	-86.934897	56131.35	56284.6	-34.64	56096.71	56104.66797	56090.07010	56090.91016	504778.6	5407831.2
L4780.0	504778.6	5407829.7	5628.29981	259.21	130	48.823430	-86.934897	56133.50	56284.6	-34.65	56098.86	56106.75391	56090.16310	56090.98438	504778.6	5407829.7
L4780.0	504778.6	5407829.7	5628.39990	259.99	130	48.823430	-86.934897	56131.92	56284.7	-34.66	56097.26	56105.09375	56090.16967	56090.97266	504778.6	5407829.7
L4780.0	504778.5	5407828.0	5628.50000	262.05	130	48.823415	-86.934898	56132.16	56284.7	-34.68	56097.49	56105.25781	56090.23360	56091.01953	504778.5	5407828.0
L4780.0	504778.5	5407826.6	5628.60010	261.26	130	48.823402	-86.934898	56132.99	56284.7	-34.69	56098.30	56106.00391	56090.32634	56091.09375	504778.5	5407826.6
L4780.0	504778.5	5407825.5	5628.70020	260.88	130	48.823393	-86.934898	56132.86	56284.7	-34.70	56098.16	56105.79688	56090.40381	56091.15234	504778.5	5407825.5
L4780.0	504778.5	5407824.1	5628.79981	261.46	130	48.823380	-86.934899	56133.30	56284.7	-34.71	56098.59	56106.16406	56090.51319	56091.24609	504778.5	5407824.1
L4780.0	504778.5	5407822.5	5628.89990	259.63	130	48.823365	-86.934899	56132.96	56284.7	-34.73	56098.23	56105.73438	56090.60002	56091.31641	504778.5	5407822.5
L4780.0	504778.5	5407822.5	5629.00000	258.16	130	48.823365	-86.934899	56133.82	56284.7	-34.74	56099.08	56106.51953	56090.75793	56091.45703	504778.5	5407822.5
L4780.0	504778.4	5407821.0	5629.10010	259.65	130	48.823352	-86.934899	56133.39	56284.8	-34.76	56098.64	56106.00781	56090.85216	56091.53516	504778.4	5407821.0
L4780.0	504778.4	5407819.2	5629.20020	260.71	130	48.823336	-86.934900	56133.38	56284.8	-34.78	56098.60	56105.90234	56090.97411	56091.64063	504778.4	5407819.2
L4780.0	504778.4	5407817.8	5629.29981	261.82	130	48.823323	-86.934900	56133.37	56284.8	-34.80	56098.57	56105.80078	56091.09973	56091.75391	504778.4	5407817.8
L4780.0	504778.4	5407817.8	5629.29981	261.82	130	48.823323	-86.934900	56133.18	56284.8	-34.80	56098.38	56105.53906	56091.20814	56091.84375	504778.4	5407817.8
L4780.0	504778.4	5407816.1	5629.39990	264.02	130	48.823307	-86.934900	56133.70	56284.8	-34.82	56098.88	56105.96875	56091.38757	56092.01172	504778.4	5407816.1
L4780.0	504778.3	5407814.1	5629.60010	266.17	130	48.823290	-86.934901	56133.67	56284.9	-34.86	56098.81	56105.82813	56091.50013	56092.10938	504778.3	5407814.1
L4780.0	504778.3	5407812.9	5629.70020	266.18	130	48.823279	-86.934901	56133.15	56284.9	-34.88	56098.27	56105.21484	56091.53653	56092.12891	504778.3	5407812.9
L4780.0	504778.3	5407812.9	5629.79981	268.30	130	48.823279	-86.934901	56134.08	56284.9	-34.90	56099.18	56106.05469	56091.76000	56092.33984	504778.3	5407812.9
L4780.0	504778.3	5407811.7	5629.89990	267.72	130	48.823268	-86.934901	56132.71	56284.9	-34.92	56097.79	56104.58984	56091.62632	56092.19141	504778.3	5407811.7
L4780.0	504778.3	5407810.0	5630.00000	268.61	130	48.823253	-86.934901	56133.57	56284.9	-34.94	56098.63	56105.35938	56091.80382	56092.35547	504778.3	5407810.0
L4780.0	504778.3	5407809.0	5630.10010	269.20	130	48.823244	-86.934902	56134.33	56285	-34.96	56099.37	56106.02344	56091.94194	56092.48047	504778.3	5407809.0
L4780.0	504778.3	5407807.6	5630.20020	267.06	130	48.823231	-86.934902	56135.24	56285	-34.98	56100.26	56106.83984	56092.06831	56092.59375	504778.3	5407807.6
L4780.0	504778.3	5407806.4	5630.29981	266.90	130	48.823220	-86.934902	56134.06	56285	-35.01	56099.05	56105.55469	56091.83569	56092.35156	504778.3	5407806.4
L4780.0	504778.2	5407804.9	5630.39990	267.75	130	48.823207	-86.934902	56134.00	56285	-35.03	56098.97	56105.40234	56091.74428	56092.24609	504778.2	5407804.9
L4780.0	504778.2	5407804.9	5630.50000	269.20	130	48.823207	-86.934902	56134.23	56285.1	-35.05	56099.18	56105.53906	56091.65693	56092.14844	504778.2	5407804.9
L4780.0	504778.2	5407802.2	5630.60010	270.57	130	48.823183	-86.934903	56134.79	56285.1	-35.07	56099.71	56105.99219	56091.56448	56092.04297	504778.2	5407802.2
L4780.0	504778.2	5407800.9	5630.70020	270.73	130	48.823171	-86.934903	56135.22	56285.1	-35.09	56100.12	56106.32813	56091.41196	56091.87891	504778.2	5407800.9
L4780.0	504778.2	5407799.7	5630.79981	269.22	130	48.823160	-86.934903	56134.94	56285.1	-35.12	56099.82	56105.95313	56091.17275	56091.63281	504778.2	5407799.7
L4780.0	504778.2	5407799.7	5630.89990	267.33	130	48.823160	-86.934903	56134.60	56285.1	-35.14	56099.46	56105.51563	56090.92687	56091.37500	504778.2	5407799.7
L4780.0	504778.2	5407798.5	5631.00000	265.08	130	48.823149	-86.934903	56134.71	56285.2	-35.16	56099.55	56105.53125	56090.69058	56091.12891	504778.2	5407798.5
L4780.0	504778.1	5407797.1	5631.10010	263.03	130	48.823137	-86.934904	56134.91	56285.2	-35.18	56099.74	56105.64453	56090.44068	56090.87109	504778.1	5407797.1
L4780.0	504778.1	5407795.1	5631.20020	260.18	130	48.823119	-86.934904	56135.40	56285.2	-35.19	56100.20	56106.02734	56090.16601	56090.58594	504778.1	5407795.1
L4780.0	504778.1	5407795.1	5631.29981	260.09	130	48.823119	-86.934904	56134.99	56285.2	-35.21	56099.78	56105.53516	56089.96629	56090.37891	504778.1	5407795.1
L4780.0	504778.1	5407793.4	5631.39990	257.82	130	48.823104	-86.934904	56134.16	56285.2	-35.23	56098.93	56104.60938	56090.00911	56090.41016	504778.1	5407793.4
L4780.0	504778.1	5407792.4	5631.50000	242.74	130	48.823095	-86.934904	56134.46	56285.2	-35.25	56099.21	56104.81250	56089.97406	56090.36719	504778.1	5407792.4
L4780.0	504778.1	5407791.0	5631.60010	244.89	130	48.823082	-86.934905	56134.79	56285.3	-35.26	56099.52	56105.04688	56089.93446	56090.32031	504778.1	5407791.0
L4780.0	504778.1	5407790.0	5631.70020	255.56	130	48.823073	-86.934905	56134.86	56285.3	-35.28	56099.58	56105.03125	56089.90899	56090.28906	504778.1	5407790.0
L4780.0	504778.1	5407788.6	5631.79981	241.46	130	48.823060	-86.934905	56134.13	56285.3	-35.30	56098.83	56104.20703	56089.93497	56090.30859	504778.1	5407788.6
L4780.0	504778.0	5407786.6	5631.89990	240.98	130	48.823043	-86.934905	56134.66	56285.3	-35.31	56099.35	56104.65234	56089.87374	56090.23828	504778.0	5407786.6
L4780.0	504778.0	5407786.6	5632.00000	241.95	130	48.823043	-86.934905	56133.72	56285.3	-35.33	56098.39	56103.61719	56089.90864	56090.26953	504778.0	5407786.6
L4780.0	504778.0	5407785.0	5632.10010	243.36	130	48.823028	-86.934905	56133.58	56285.4	-35.35	56098.23	56103.38281	56089.88767	56090.24219	504778.0	5407785.0
L4780.0	504778.0	5407783.3	5632.20020	246.87	130	48.823012	-86.934905	56134.13	56285.4	-35.37	56098.76	56103.83984	56089.81816	56090.16797	504778.0	5407783.3
L4780.0	504778.0	5407783.3	5632.29981	250.41	130	48.823012	-86.934905	56134.64	56285.4	-35.39	56099.24	56104.24609	56089.74946	56090.09375	504778.0	5407783.3
L4780.0	504778.0	5407781.8	5632.39990	254.01	130	48.823000	-86.934905	56133.21	56285.4	-35.41	56097.80	56102.73438	56089.80624	56090.14453	504778.0	5407781.8
L4780.0	504778.0	5407781.0	5632.50000	254.04	130	48.822992	-86.934905	56133.67	56285.4	-35.43	56098.24	56103.10156	56089.73517	56090.07031	504778.0	5407781.0
L4780.0	504778.0	5407779.2	5632.60010	253.99	130	48.822976	-86.934905	56134.31	56285.5	-35.46	56098.85	56103.63672	56089.65027	56089.98047	504778.0	5407779.2
L4780.0	504778.0	5407778.2	5632.70020	253.33	130	48.822967	-86.934905	56134.33	56285.5	-35.48	56098.86	56103.57422	56089.60286	56089.92969	504778.0	5407778.2
L4780.0	504778.0	5407776.8	5632.79981	251.90	130	48.822954	-86.934905	56132.99	56285.5	-35.50	56097.49	56102.13281	56089.64495	56089.96875	504778.0	5407776.8
L4780.0	504778.0	5407775.6	5632.89990	252.40	130	48.822944	-86.934905	56133.70	56285.5	-35.52	56098.18	56102.75391	56089.54724	56089.87109	504778.0	5407775.6
L4780.0	504778.1	5407774.3	5633.00000	251.35	130	48.822932	-86.934905	56134.18	56285.5	-35.54	56098.64	56103.14063	56089.46238	56089.78516	504778.1	5407774.3
L4780.0	504778.1	5407772.9	5633.10010	249.51	130	48.822919	-86.934905	56133.09	56285.6	-35.56	56097.53	56101.96094	56089.47972	56089.80078	504778.1	5407772.9
L4780.0	504778.1	5407771.6	5633.20020	250.69	130	48.822908	-86.934905	56133.78	56285.6	-35.57	56098.21	56102.57422	56089.37527	56089.69141	504778.1	5407771.6
L4780.0	504778.1	5407771.6	5633.29981	252.44	130	48.822908	-86.934905	56134.28	56285.6	-35.58	56098.69	56102.98438	56089.28170	56089.59766	504778.1	5407771.6
L4780.0	504778.1	5407770.2	5633.39990	253.17	130	48.822895	-86.934905	56133.26	56285.6	-35.60	56097.66	56101.88672	56089.28637	56089.60156	504778.1	5407770.2
L4780.0	504778.1	5407769.0	5633.50000	253.40	130	48.822884	-86.934905	56133.13	56285.6	-35.62	56097.51	56101.66797	56089.22994	56089.54688	504778.1	5407769.0
L4780.0	504778.1	5407767.5	5633.60010	255.00	130	48.822871	-86.934905	56133.16	56285.6	-35.63	56097.53	56101.62109	56089.15976	56089.47656	504778.1	5407767.5
L4780.0	504778.1	5407766.3	5633.70020	252.83	130	48.822860	-86.934905	56133.49	56285.6	-35.65	56097.85	56101.87500	56089.06718	56089.38281	504778.1	5407766.3
L4780.0	504778.1	5407764.5	5633.79981	251.05	98.45	48.822843	-86.934905	56133.62	56285.7	-35.66	56097.96	56101.92188	56088.98620	56089.30469	504778.1	5407764.5
L4780.0	504778.1	5407764.5	5633.89990	252.47	98.44	48.822843	-86.934905	56131.98	56285.7	-35.68	56096.30	56100.19531	56089.02084	56089.33984	504778.1	5407764.5
L4780.0	504778.1	5407763.0	5634.00000	248.15	98.44	48.822830	-86.934905	56132.26	56285.7	-35.69	56096.57	56100.40234	56088.92444	56089.24609	504778.1	5407763.0
L4780.0	504778.1	5407761.8	5634.10010	247.07	98.44	48.822820	-86.934905	56133.88	56285.7	-35.71	56098.17	56101.94141	56088.73701	56089.05859	504778.1	5407761.8
L4780.0	504778.1	5407760.1	5634.20020	246.13	98.44	48.822804	-86.934905	56131.75	56285.7	-35.73	56096.03	56099.73828	56088.79657	56089.12109	504778.1	5407760.1
L4780.0	504778.1	5407758.9	5634.29981	245.14	98.44	48.822793	-86.934905	56131.75	56285.7	-35.75	56096.01	56099.65625	56088.71247	56089.03906	504778.1	5407758.9
L4780.0	504778.1	5407757.3	5634.39990	246.95	98.44	48.822778	-86.934905	56132.31	56285.8	-35.77	56096.55	56100.13672	56088.58870	56088.92188	504778.1	5407757.3
L4780.0	504778.1	5407756.2	5634.50000	244.00	98.44	48.822769	-86.934905	56132.00	56285.8	-35.79	56096.21	56099.73828	56088.52130	56088.85547	504778.1	5407756.2
L4780.0	504778.1	5407756.2	5634.60010	245.18	98.44	48.822769	-86.934905	56131.95	56285.8	-35.80	56096.15	56099.61719	56088.43293	56088.77344	504778.1	5407756.2
L4780.0	504778.1	5407754.4	5634.70020	248.01	98.44	48.822753	-86.934904	56131.55	56285.8	-35.82	56095.72	56099.13281	56088.36695	56088.71094	504778.1	5407754.4
L4780.0	504778.2	5407753.6	5634.79981	249.08	98.88	48.822746	-86.934904	56131.50	56285.8	-35.84	56095.65	56099.00391	56088.27470	56088.62109	504778.2	5407753.6
L4780.0	504778.2	5407752.2	5634.89990	248.18	98.88	48.822733	-86.934904	56131.75	56285.9	-35.86	56095.89	56099.18750	56088.15952	56088.51172	504778.2	5407752.2
L4780.0	504778.2	5407750.8	5635.00000	249.04	98.88	48.822720	-86.934903	56131.27	56285.9	-35.88	56095.39	56098.63281	56088.09143	56088.44922	504778.2	5407750.8
L4780.0	504778.2	5407749.3	5635.10010	248.10	98.88	48.822707	-86.934903	56130.86	56285.9	-35.90	56094.96	56098.14844	56088.01645	56088.37891	504778.2	5407749.3
L4780.0	504778.2	5407748.2	5635.20020	249.43	98.88	48.822697	-86.934903	56131.50	56285.9	-35.92	56095.58	56098.71875	56087.86926	56088.23828	504778.2	5407748.2
L4780.0	504778.2	5407747.5	5635.29981	248.89	98.88	48.822691	-86.934903	56130.57	56285.9	-35.94	56094.63	56097.71484	56087.82453	56088.20313	504778.2	5407747.5
L4780.0	504778.3	5407746.2	5635.39990	249.77	98.88	48.822679	-86.934903	56130.86	56286	-35.96	56094.91	56097.94531	56087.69562	56088.07813	504778.3	5407746.2
L4780.0	504778.3	5407744.9	5635.50000	251.87	98.88	48.822668	-86.934902	56130.91	56286	-35.97	56094.94	56097.92578	56087.58120	56087.97266	504778.3	5407744.9

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4780.0	504778.3	5407743.7	5635.60010	251.62	98.87	48.822657	-86.934902	56130.59	56286	-35.99	56094.60	56097.53516	56087.48929	56087.88672	504778.3	5407743.7
L4780.0	504778.3	5407742.3	5635.70020	250.89	98.88	48.822644	-86.934902	56130.51	56286	-36.01	56094.50	56097.39063	56087.37924	56087.78516	504778.3	5407742.3
L4780.0	504778.3	5407741.1	5635.79981	248.66	98.88	48.822633	-86.934902	56130.05	56286	-36.03	56094.02	56096.86328	56087.29240	56087.70703	504778.3	5407741.1
L4780.0	504778.3	5407741.1	5635.89990	247.48	98.88	48.822633	-86.934902	56129.61	56286.1	-36.05	56093.55	56096.34766	56087.20279	56087.62500	504778.3	5407741.1
L4780.0	504778.3	5407739.7	5636.00000	247.44	98.88	48.822620	-86.934902	56130.23	56286.1	-36.07	56094.16	56096.91406	56087.03909	56087.47266	504778.3	5407739.7
L4780.0	504778.4	5407738.3	5636.10010	246.03	98.88	48.822608	-86.934901	56129.68	56286.1	-36.09	56093.59	56096.30078	56086.95198	56087.39453	504778.4	5407738.3
L4780.0	504778.4	5407738.3	5636.20020	248.23	98.88	48.822608	-86.934901	56129.32	56286.1	-36.11	56093.22	56095.88672	56086.84948	56087.30078	504778.4	5407738.3
L4780.0	504778.4	5407736.6	5636.29981	248.88	98.88	48.822592	-86.934901	56128.84	56286.1	-36.13	56092.72	56095.34375	56086.75362	56087.21484	504778.4	5407736.6
L4780.0	504778.4	5407735.1	5636.39990	251.14	98.75	48.822579	-86.934901	56128.97	56286.1	-36.15	56092.82	56095.40625	56086.61574	56087.08594	504778.4	5407735.1
L4780.0	504778.4	5407732.9	5636.50000	250.06	98.49	48.822559	-86.934901	56128.59	56286.2	-36.17	56092.42	56094.96875	56086.50920	56086.98828	504778.4	5407732.9
L4780.0	504778.4	5407732.9	5636.60010	247.99	98.47	48.822559	-86.934901	56128.54	56286.2	-36.18	56092.35	56094.85938	56086.37869	56086.87109	504778.4	5407732.9
L4780.0	504778.4	5407731.5	5636.70020	248.20	98.43	48.822547	-86.934901	56128.48	56286.2	-36.20	56092.28	56094.75391	56086.24622	56086.75000	504778.4	5407731.5
L4780.0	504778.4	5407730.0	5636.79981	249.42	98.07	48.822533	-86.934901	56128.03	56286.2	-36.22	56091.81	56094.24609	56086.13850	56086.65234	504778.4	5407730.0
L4780.0	504778.4	5407728.4	5636.89990	249.92	98.07	48.822519	-86.934901	56128.08	56286.2	-36.24	56091.84	56094.24219	56085.99555	56086.51953	504778.4	5407728.4
L4780.0	504778.4	5407728.4	5637.00000	250.38	97.87	48.822519	-86.934901	56127.10	56286.3	-36.26	56090.84	56093.20703	56085.91939	56086.45703	504778.4	5407728.4
L4780.0	504778.4	5407726.9	5637.10010	252.35	97.49	48.822506	-86.934900	56127.93	56286.3	-36.27	56091.65	56093.98828	56085.72073	56086.26953	504778.4	5407726.9
L4780.0	504778.4	5407724.6	5637.20020	252.87	97.44	48.822485	-86.934900	56127.27	56286.3	-36.29	56090.98	56093.28516	56085.61892	56086.17969	504778.4	5407724.6
L4780.0	504778.4	5407724.6	5637.29981	251.28	97.44	48.822485	-86.934900	56127.13	56286.3	-36.30	56090.83	56093.10547	56085.48066	56086.05469	504778.4	5407724.6
L4780.0	504778.5	5407723.2	5637.39990	252.53	96.5	48.822472	-86.934900	56126.76	56286.3	-36.31	56090.45	56092.69531	56085.35599	56085.94141	504778.5	5407723.2
L4780.0	504778.5	5407721.8	5637.50000	251.52	91.78	48.822459	-86.934900	56126.85	56286.3	-36.32	56090.52	56092.73828	56085.19962	56085.80078	504778.5	5407721.8
L4780.0	504778.5	5407720.4	5637.60010	251.55	91.78	48.822447	-86.934900	56126.85	56286.3	-36.34	56090.51	56092.70313	56085.04691	56085.66016	504778.5	5407720.4
L4780.0	504778.5	5407720.4	5637.70020	251.68	85.47	48.822447	-86.934900	56126.64	56286.4	-36.35	56090.29	56092.45703	56084.90658	56085.53516	504778.5	5407720.4
L4780.0	504778.5	5407718.7	5637.79981	252.09	92.68	48.822432	-86.934900	56126.57	56286.4	-36.36	56090.20	56092.34375	56084.75601	56085.39844	504778.5	5407718.7
L4780.0	504778.5	5407717.8	5637.89990	253.09	93.53	48.822424	-86.934900	56126.42	56286.4	-36.38	56090.04	56092.16016	56084.60857	56085.26172	504778.5	5407717.8
L4780.0	504778.5	5407716.4	5638.00000	252.92	93.53	48.822411	-86.934900	56126.09	56286.4	-36.39	56089.70	56091.79688	56084.47166	56085.14063	504778.5	5407716.4
L4780.0	504778.5	5407715.1	5638.10010	252.25	86.95	48.822399	-86.934900	56125.30	56286.4	-36.41	56088.89	56090.96484	56084.36465	56085.04688	504778.5	5407715.1
L4780.0	504778.5	5407715.1	5638.20020	251.40	86.5	48.822399	-86.934900	56124.69	56286.4	-36.43	56088.26	56090.31641	56084.24428	56084.94141	504778.5	5407715.1
L4780.0	504778.5	5407713.4	5638.29981	251.91	87.47	48.822384	-86.934900	56124.47	56286.4	-36.45	56088.02	56090.05859	56084.09659	56084.80859	504778.5	5407713.4
L4780.0	504778.5	5407713.4	5638.39990	250.64	87.05	48.822384	-86.934900	56124.14	56286.5	-36.47	56087.67	56089.68750	56083.95499	56084.68359	504778.5	5407713.4
L4780.0	504778.5	5407711.0	5638.50000	251.61	85.25	48.822362	-86.934900	56123.58	56286.5	-36.49	56087.10	56089.10156	56083.82688	56084.57031	504778.5	5407711.0
L4780.0	504778.5	5407709.8	5638.60010	252.32	85.25	48.822352	-86.934900	56123.64	56286.5	-36.50	56087.13	56089.11719	56083.65765	56084.41797	504778.5	5407709.8
L4780.0	504778.5	5407709.0	5638.70020	251.07	90.53	48.822344	-86.934900	56123.68	56286.5	-36.52	56087.15	56089.12109	56083.48804	56084.26172	504778.5	5407709.0
L4780.0	504778.5	5407707.4	5638.79981	249.97	95.27	48.822330	-86.934900	56123.01	56286.5	-36.54	56086.47	56088.42969	56083.36412	56084.15625	504778.5	5407707.4
L4780.0	504778.5	5407706.4	5638.89990	251.69	86.22	48.822321	-86.934899	56122.64	56286.6	-36.56	56086.08	56088.02734	56083.21996	56084.02734	504778.5	5407706.4
L4780.0	504778.5	5407705.0	5639.00000	252.42	86.22	48.822308	-86.934899	56121.70	56286.6	-36.58	56085.12	56087.05469	56083.11297	56083.93750	504778.5	5407705.0
L4780.0	504778.5	5407705.0	5639.10010	252.39	82.99	48.822308	-86.934899	56121.43	56286.6	-36.60	56084.83	56086.75391	56082.96056	56083.80078	504778.5	5407705.0
L4780.0	504778.5	5407703.0	5639.20020	252.90	82.99	48.822291	-86.934899	56121.43	56286.6	-36.62	56084.80	56086.71484	56082.79014	56083.64844	504778.5	5407703.0
L4780.0	504778.6	5407701.7	5639.29981	254.48	87.05	48.822279	-86.934899	56120.85	56286.6	-36.64	56084.21	56086.11719	56082.65645	56083.53125	504778.6	5407701.7
L4780.0	504778.6	5407700.7	5639.39990	253.71	90.71	48.822269	-86.934899	56120.94	56286.7	-36.66	56084.28	56086.17969	56082.47823	56083.36719	504778.6	5407700.7
L4780.0	504778.6	5407700.7	5639.50000	252.85	90.71	48.822269	-86.934899	56121.06	56286.7	-36.68	56084.37	56086.26172	56082.29823	56083.20703	504778.6	5407700.7
L4780.0	504778.6	5407699.4	5639.60010	253.11	94.59	48.822258	-86.934899	56120.14	56286.7	-36.71	56083.44	56085.32813	56082.18586	56083.10938	504778.6	5407699.4
L4780.0	504778.6	5407698.3	5639.70020	250.99	94.6	48.822248	-86.934899	56119.40	56286.7	-36.73	56082.68	56084.56250	56082.06187	56083.00391	504778.6	5407698.3
L4780.0	504778.6	5407697.0	5639.79981	250.15	94.6	48.822237	-86.934899	56119.06	56286.7	-36.75	56082.31	56084.18750	56081.91166	56082.87109	504778.6	5407697.0
L4780.0	504778.6	5407695.3	5639.89990	248.79	88.83	48.822221	-86.934899	56119.36	56286.8	-36.77	56082.59	56084.46484	56081.71798	56082.69531	504778.6	5407695.3
L4780.0	504778.6	5407695.3	5640.00000	249.84	94.02	48.822221	-86.934899	56118.57	56286.8	-36.79	56081.78	56083.65234	56081.59691	56082.58984	504778.6	5407695.3
L4780.0	504778.6	5407694.1	5640.10010	249.02	93.42	48.822210	-86.934899	56118.07	56286.8	-36.81	56081.26	56083.13281	56081.45651	56082.46875	504778.6	5407694.1
L4780.0	504778.5	5407692.6	5640.20020	249.32	93.42	48.822197	-86.934900	56117.62	56286.8	-36.83	56080.79	56082.66406	56081.31287	56082.34375	504778.5	5407692.6
L4780.0	504778.5	5407691.4	5640.29981	250.72	93.29	48.822186	-86.934900	56117.99	56286.8	-36.85	56081.14	56083.01563	56081.11473	56082.16406	504778.5	5407691.4
L4780.0	504778.5	5407690.6	5640.39990	249.03	93.05	48.822179	-86.934900	56116.93	56286.9	-36.87	56080.06	56081.93359	56081.01216	56082.07813	504778.5	5407690.6
L4780.0	504778.5	5407689.4	5640.50000	249.83	93.05	48.822168	-86.934900	56116.75	56286.9	-36.89	56079.86	56081.73828	56080.85123	56081.93359	504778.5	5407689.4
L4780.0	504778.5	5407689.4	5640.60010	250.41	92.8	48.822168	-86.934900	56116.75	56286.9	-36.90	56079.85	56081.73047	56080.67801	56081.78125	504778.5	5407689.4
L4780.0	504778.5	5407688.2	5640.70020	248.89	92.8	48.822158	-86.934900	56116.60	56286.9	-36.92	56079.67	56081.55469	56080.51659	56081.63672	504778.5	5407688.2
L4780.0	504778.5	5407686.7	5640.79981	249.14	83.42	48.822144	-86.934900	56116.83	56286.9	-36.94	56079.89	56081.78125	56080.32901	56081.46875	504778.5	5407686.7
L4780.0	504778.5	5407686.7	5640.89990	250.55	84.89	48.822144	-86.934900	56116.25	56287	-36.96	56079.29	56081.18750	56080.19670	56081.35547	504778.5	5407686.7
L4780.0	504778.5	5407685.5	5641.00000	249.91	84.19	48.822133	-86.934901	56116.42	56287	-36.98	56079.44	56081.34375	56080.01506	56081.19141	504778.5	5407685.5
L4780.0	504778.4	5407684.4	5641.10010	249.92	76.04	48.822123	-86.934901	56115.81	56287	-37.00	56078.82	56080.73047	56079.88547	56081.07813	504778.4	5407684.4
L4780.0	504778.4	5407683.3	5641.20020	252.44	76.04	48.822113	-86.934901	56115.06	56287	-37.01	56078.04	56079.95703	56079.76735	56080.98047	504778.4	5407683.3
L4780.0	504778.4	5407682.4	5641.29981	251.58	77.58	48.822105	-86.934901	56114.73	56287	-37.03	56077.70	56079.62891	56079.62077	56080.85156	504778.4	5407682.4
L4780.0	504778.4	5407681.5	5641.39990	252.12	78.8	48.822097	-86.934902	56114.45	56287	-37.05	56077.40	56079.33594	56079.47245	56080.72266	504778.4	5407681.5
L4780.0	504778.4	5407680.5	5641.50000	250.60	83.35	48.822088	-86.934902	56114.04	56287.1	-37.07	56076.98	56078.92578	56079.33313	56080.60156	504778.4	5407680.5
L4780.0	504778.4	5407679.4	5641.60010	249.04	83.35	48.822078	-86.934902	56113.87	56287.1	-37.08	56076.78	56078.73828	56079.18021	56080.46484	504778.4	5407679.4
L4780.0	504778.4	5407679.4	5641.70020	248.77	90.93	48.822078	-86.934902	56113.54	56287.1	-37.10	56076.44	56078.41016	56079.03776	56080.34375	504778.4	5407679.4
L4780.0	504778.4	5407678.3	5641.79981	248.31	90.82	48.822069	-86.934902	56113.24	56287.1	-37.12	56076.12	56078.10156	56078.89516	56080.21875	504778.4	5407678.3
L4780.0	504778.3	5407677.3	5641.89990	250.37	90.82	48.822059	-86.934902	56112.63	56287.1	-37.13	56075.50	56077.49609	56078.77383	56080.11719	504778.3	5407677.3
L4780.0	504778.3	5407676.3	5642.00000	262.97	90.63	48.822050	-86.934903	56112.34	56287.2	-37.15	56075.19	56077.19922	56078.63314	56079.99609	504778.3	5407676.3
L4780.0	504778.3	5407675.3	5642.10010	264.80	90.4	48.822041	-86.934903	56111.77	56287.2	-37.17	56074.60	56076.62109	56078.51251	56079.89063	504778.3	5407675.3
L4780.0	504778.3	5407675.3	5642.20020	264.39	89.8	48.822041	-86.934903	56111.77	56287.2	-37.19	56074.58	56076.61719	56078.33860	56079.73828	504778.3	5407675.3
L4780.0	504778.3	5407674.3	5642.29981	265.73	89.8	48.822032	-86.934903	56111.82	56287.2	-37.21	56074.61	56076.66406	56078.11727	56079.53516	504778.3	5407674.3
L4780.0	504778.3	5407673.3	5642.39990	265.05	89.66	48.822023	-86.934903	56111.24	56287.2	-37.23	56074.01	56076.07813	56077.92003	56079.35547	504778.3	5407673.3
L4780.0	504778.3	5407672.3	5642.50000	251.98	77.28	48.822014	-86.934903	56111.26	56287.3	-37.25	56074.01	56076.09375	56077.70515	56079.16016	504778.3	5407672.3
L4780.0	504778.3	5407671.2	5642.60010	251.43	74.15	48.822004	-86.934903	56110.70	56287.3	-37.27	56073.43	56075.53125	56077.49243	56078.96484	504778.3	5407671.2
L4780.0	504778.3	5407670.4	5642.70020	253.00	74.15	48.821997	-86.934903	56110.70	56287.3	-37.29	56073.41	56075.53125	56077.28511	56078.77734	504778.3	5407670.4
L4780.0	504778.3	5407669.7	5642.79981	266.63	75.79	48.821991	-86.934904	56110.51	56287.3	-37.31	56073.20	56075.33984	56077.07865	56078.58984	504778.3	5407669.7
L4780.0	504778.3	5407669.7	5642.89990	267.38	75.79	48.821991	-86.934904	56110.35	56287.3	-37.33	56073.02	56075.17578	56076.87791	56078.40625	504778.3	5407669.7
L4780.0	504778.3	5407668.9	5643.00000	266.18	76.94	48.821984	-86.934904	56109.90	56287.3	-37.35	56072.55	56074.72656	56076.66158	56078.20703	504778.3	5407668.9
L4780.0	504778.3	5407668.0	5643.10010	266.88	76.43	48.821976	-86.934904	56109.54	56287.4	-37.37	56072.17	56074.36719	56076.45188	56078.01563	504778.3	5407668.0
L4780.0	504778.2	5407667.0	5643.20020	265.50	73.66	48.821967	-86.934904	56109.37	56287.4	-37.38	56071.98	56074.19531	56076.26290	56077.84766	504778.2	5407667.0
L4780.0	504778.2	5407667.0	5643.29981	265.69	71.93	48.821967	-86.934904	56109.37	56287.4	-37.40	56071.97	56074.20703	56076.10012	56077.70313	504778.2	5407667.0
L4780.0	504778.2	5407665.6	5643.39990	267.13	72.56	48.821954	-86.934904	56109.44	56287.4	-37.42	56072.02	56074.27734	56075.95447	56077.57422	504778.2	5407665.6
L4780.0	504778.2	5407664.8	5643.50000	266.83	72.56	48.821947	-86.934904	56108.71	56287.4	-37.43	56071.27	56073.54688	56075.72260	56077.35938	504778.2	5407664.8
L4780.0	504778.2	5407664.8	5643.60010	266.03	73.36	48.821947	-86.934904	56108.72	56287.5	-37.45	56071.27	56073.57031	56075.58625	56077.24219	504778.2	5407664.8
L4780.0	504778.2	5407663.6	5643.70020	266.77	75.08	48.821936	-86.934904	56108.52	56287.5	-37.47	56071.05	56073.37109	56075.43015	56077.10547	504778.2	5407663.6
L4780.0	504778.2	5407662.9	5643.79981	265.97	75.7	48.821930	-86.934904	56107.92	56287.5	-37.49	56070.43	56072.77344	56075.22730	56076.92188	504778.2	5407662.9
L4780.0	504778.2	5407662.4	5643.89990	265.23	86.07	48.821925	-86.934904	56107.49	56287.5	-37.50	56069.99	56072.35547	56075.05380	56076.76563	504778.2	5407662.4
L4780.0	504778.2	5407662.4	5644.00000	265.09	85.48	48.821925	-86.934904	56107.24	56287.5	-37.52	56069.72	56072.10938	56074.90962	56076.64063	504778.2	5407662.4
L4780.0	504778.2	5407661.0	5644.10010	264.03	85.48	48.821913	-86.934905	56106.88	56287.5	-37.54	56069.34	56071.75391	56074.75643	56076.50391	504778.2	5407661.0
L4780.0	504778.2	5407661.0	5644.20020	251.19	85.14	48.821913	-86.934905	56107.55	56287.6	-37.56	56069.99	56072.42969	56074.75096	56076.51563	504778.2	5407661.0
L4780.0	504778.2	5407660.3	5644.29981	252.90	78.05	48.821906	-86.934905	56106.73	56287.6	-37.57	56069.15	56071.61328	56074.54541	56076.32813	504778.2	5407660.3
L4780.0	504778.2	5407659.6	5644.39990	263.79	78.05	48.821900	-86.934905	56105.92	56287.6	-37.59	56068.33	56070.81641	56074.34874	56076.14844	504778.2	5407659.6
L4780.0	504778.2	5407658.9	5644.50000	265.61	77.79	48.821894	-86.934905	56106.64	56287.6	-37.61	56069.03	56071.54297	56074.36394	56076.18359	504778.2	5407658.9
L4780.0	504778.2	5407658.3	5644.60010	266.53	81.24	48.821889	-86.934905	56105.65	56287.6	-37.63	56068.02	56070.55859	56074.15405	56075.98828	504778.2	5407658.3
L4780.0	504778.2	5407657.9	5644.70020	266.59	81.24	48.821884	-86.934905	56106.48	56287.6	-37.65	56068.83	56071.39063	56074.19046	56076.04297	504778.2	5407657.9
L4780.0	504778.2	5407657.2	5644.79981	262.66	83.86	48.821879	-86.934905	56105.57	56287.7	-37.66	56067.91	56070.50000	56074.00581	56075.87500	504778.2	5407657.2

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4780.0	504778.2	5407656.7	5644.89990	264.30	83.86	48.821874	-86.934905	56105.85	56287.7	-37.68	56068.17	56070.78516	56073.97730	56075.86719	504778.2	5407656.7
L4780.0	504778.2	5407656.7	5645.00000	265.23	83.17	48.821874	-86.934905	56105.68	56287.7	-37.70	56067.98	56070.62109	56073.89567	56075.80078	504778.2	5407656.7
L4780.0	504778.2	5407656.0	5645.10010	265.00	83.12	48.821867	-86.934905	56106.13	56287.7	-37.71	56068.42	56071.08594	56073.89232	56075.81641	504778.2	5407656.0
L4780.0	504778.2	5407655.5	5645.20020	267.46	83.12	48.821863	-86.934905	56104.66	56287.7	-37.73	56066.93	56069.62500	56073.66701	56075.60547	504778.2	5407655.5
L4780.0	504778.1	5407654.9	5645.29981	266.45	82.99	48.821858	-86.934905	56105.19	56287.7	-37.74	56067.45	56070.17188	56073.67856	56075.63672	504778.1	5407654.9
L4780.0	504778.2	5407654.2	5645.39990	267.70	77.21	48.821851	-86.934905	56104.82	56287.8	-37.75	56067.07	56069.81641	56073.59325	56075.56641	504778.2	5407654.2
L4780.0	504778.2	5407653.9	5645.50000	269.01	75.33	48.821849	-86.934905	56105.21	56287.8	-37.76	56067.45	56070.22656	56073.59303	56075.58594	504778.2	5407653.9
L4780.0	504778.2	5407653.4	5645.60010	266.86	75.33	48.821844	-86.934905	56104.78	56287.8	-37.78	56067.00	56069.80078	56073.51184	56075.51953	504778.2	5407653.4
L4780.0	504778.2	5407653.4	5645.70020	266.04	75	48.821844	-86.934905	56104.41	56287.8	-37.79	56066.62	56069.44922	56073.44589	56075.47266	504778.2	5407653.4
L4780.0	504778.1	5407652.6	5645.79981	253.45	73.62	48.821837	-86.934905	56104.76	56287.8	-37.80	56066.95	56069.80859	56073.45063	56075.49219	504778.1	5407652.6
L4780.0	504778.1	5407652.1	5645.89990	252.97	73.62	48.821833	-86.934905	56104.45	56287.8	-37.82	56066.64	56069.52734	56073.40192	56075.46094	504778.1	5407652.1
L4780.0	504778.2	5407651.6	5646.00000	264.74	73.62	48.821828	-86.934905	56103.98	56287.8	-37.83	56066.15	56069.06641	56073.34552	56075.42188	504778.2	5407651.6
L4780.0	504778.2	5407651.0	5646.10010	263.49	72.29	48.821823	-86.934905	56104.71	56287.9	-37.86	56066.85	56069.79297	56073.38221	56075.47266	504778.2	5407651.0
L4780.0	504778.2	5407651.0	5646.20020	267.16	71.14	48.821823	-86.934905	56103.57	56287.9	-37.88	56065.69	56068.66016	56073.28650	56075.39453	504778.2	5407651.0
L4780.0	504778.2	5407650.5	5646.29981	266.63	71.14	48.821818	-86.934905	56104.31	56287.9	-37.90	56066.41	56069.41016	56073.31809	56075.44531	504778.2	5407650.5
L4780.0	504778.2	5407650.5	5646.39990	267.16	72.01	48.821818	-86.934905	56104.50	56287.9	-37.93	56066.57	56069.59766	56073.30865	56075.44922	504778.2	5407650.5
L4780.0	504778.2	5407649.9	5646.50000	263.81	72.01	48.821813	-86.934905	56104.21	56288	-37.96	56066.25	56069.30859	56073.26942	56075.42578	504778.2	5407649.9
L4780.0	504778.2	5407649.4	5646.60010	247.75	77.05	48.821808	-86.934905	56103.41	56288	-37.98	56065.43	56068.51563	56073.20340	56075.37891	504778.2	5407649.4
L4780.0	504778.2	5407649.4	5646.70020	247.93	75.26	48.821808	-86.934905	56103.70	56288	-38.01	56065.69	56068.80469	56073.19196	56075.38281	504778.2	5407649.4
L4780.0	504778.2	5407648.8	5646.79981	266.76	75.26	48.821803	-86.934905	56103.98	56288	-38.03	56065.95	56069.09375	56073.17649	56075.38281	504778.2	5407648.8
L4780.0	504778.2	5407648.4	5646.89990	248.59	75.03	48.821799	-86.934905	56102.64	56288.1	-38.06	56064.59	56067.76563	56073.07939	56075.30469	504778.2	5407648.4
L4780.0	504778.2	5407648.0	5647.00000	249.76	75.03	48.821795	-86.934905	56103.50	56288.1	-38.08	56065.42	56068.62500	56073.08520	56075.32422	504778.2	5407648.0
L4780.0	504778.2	5407648.0	5647.10010	265.42	73.21	48.821795	-86.934905	56104.15	56288.1	-38.10	56066.06	56069.29297	56073.07966	56075.33594	504778.2	5407648.0
L4780.0	504778.2	5407647.7	5647.20020	264.94	74.94	48.821793	-86.934905	56103.75	56288.1	-38.11	56065.64	56068.90234	56073.01970	56075.29297	504778.2	5407647.7
L4780.0	504778.2	5407647.3	5647.29981	265.11	78.12	48.821790	-86.934905	56102.03	56288.1	-38.13	56063.90	56067.19141	56072.88644	56075.17578	504778.2	5407647.3
L4780.0	504778.2	5407647.0	5647.39990	266.00	78.12	48.821787	-86.934905	56103.95	56288.1	-38.14	56065.81	56069.13281	56072.94556	56075.25000	504778.2	5407647.0
L4780.0	504778.2	5407647.0	5647.50000	264.55	76.85	48.821787	-86.934905	56102.74	56288.2	-38.15	56064.58	56067.93359	56072.82810	56075.14844	504778.2	5407647.0
L4780.0	504778.2	5407646.7	5647.60010	264.09	73.05	48.821784	-86.934905	56103.20	56288.2	-38.17	56065.02	56068.40234	56072.80369	56075.14063	504778.2	5407646.7
L4780.0	504778.2	5407646.4	5647.70020	265.53	73.05	48.821782	-86.934905	56102.58	56288.2	-38.19	56064.40	56067.81250	56072.70827	56075.06250	504778.2	5407646.4
L4780.0	504778.2	5407646.1	5647.79981	263.02	72.55	48.821778	-86.934905	56102.99	56288.2	-38.20	56064.79	56068.23047	56072.67847	56075.04688	504778.2	5407646.1
L4780.0	504778.2	5407646.1	5647.89990	263.85	72.39	48.821778	-86.934905	56103.63	56288.2	-38.22	56065.41	56068.88281	56072.66912	56075.05469	504778.2	5407646.1
L4780.0	504778.2	5407645.9	5648.00000	264.51	72.39	48.821776	-86.934905	56103.57	56288.2	-38.23	56065.34	56068.83984	56072.60685	56075.00781	504778.2	5407645.9
L4780.0	504778.2	5407645.7	5648.10010	265.49	72.72	48.821775	-86.934905	56103.20	56288.3	-38.25	56064.94	56068.47266	56072.51278	56074.92969	504778.2	5407645.7
L4780.0	504778.2	5407645.5	5648.20020	263.76	73.67	48.821773	-86.934905	56102.99	56288.3	-38.27	56064.72	56068.28125	56072.43151	56074.86328	504778.2	5407645.5
L4820.0	0.0	0.0	42733.10156	416.38	0	48.842031	-86.934309	56065.56	56237.8	12.20	56077.76	56105.05078	56149.70376	56064.45313	504820.0	5409897.5
L4820.0	0.0	0.0	42733.19922	417.18	0	48.842031	-86.934309	56065.05	56237.8	12.20	56077.25	56104.51172	56133.67714	56049.56250	504820.0	5409897.5
L4820.0	0.0	0.0	42733.30078	416.42	0	48.842034	-86.934308	56065.10	56237.8	12.20	56077.30	56104.53125	56131.40165	56048.42188	504820.1	5409897.8
L4820.0	0.0	0.0	42733.39844	415.47	0	48.842037	-86.934307	56064.56	56237.8	12.20	56076.77	56103.97266	56115.28852	56033.44531	504820.1	5409898.1
L4820.0	0.0	0.0	42733.50000	415.81	0	48.842037	-86.934307	56064.63	56237.8	12.21	56076.83	56104.00000	56113.65305	56032.94531	504820.1	5409898.1
L4820.0	0.0	0.0	42733.60156	416.20	0	48.842040	-86.934306	56064.46	56237.8	12.21	56076.67	56103.80859	56106.89229	56027.31641	504820.2	5409898.5
L4820.0	0.0	0.0	42733.69922	416.50	0	48.842043	-86.934305	56064.17	56237.8	12.21	56076.38	56103.48828	56097.18396	56018.73438	504820.3	5409898.8
L4820.0	0.0	0.0	42733.80078	417.96	0	48.842043	-86.934305	56064.04	56237.8	12.21	56076.24	56103.31641	56091.30368	56013.98047	504820.3	5409898.8
L4820.0	0.0	0.0	42733.89844	420.50	0	48.842046	-86.934304	56064.32	56237.8	12.21	56076.53	56103.57422	56096.02687	56019.82422	504820.4	5409899.1
L4820.0	0.0	0.0	42733.89844	420.50	0	48.842048	-86.934303	56064.64	56237.8	12.21	56076.85	56103.85938	56101.67202	56026.58984	504820.4	5409899.3
L4820.0	0.0	0.0	42734.10156	418.19	0	48.842050	-86.934302	56064.65	56237.8	12.21	56076.85	56103.82422	56099.76745	56025.79688	504820.5	5409899.5
L4820.0	0.0	0.0	42734.19922	418.04	0	48.842050	-86.934302	56064.70	56237.8	12.20	56076.90	56103.83984	56099.26598	56026.40234	504820.5	5409899.5
L4820.0	0.0	0.0	42734.30078	416.46	0	48.842052	-86.934301	56064.47	56237.8	12.20	56076.67	56103.57031	56092.17953	56020.41797	504820.6	5409899.7
L4820.0	0.0	0.0	42734.39844	414.77	0	48.842053	-86.934300	56064.21	56237.8	12.19	56076.40	56103.26172	56084.31437	56013.64844	504820.6	5409899.9
L4820.0	0.0	0.0	42734.50000	414.05	0	48.842053	-86.934300	56064.29	56237.8	12.19	56076.48	56103.30469	56085.10674	56015.53125	504820.6	5409899.9
L4820.0	0.0	0.0	42734.60156	413.29	0	48.842055	-86.934300	56064.48	56237.8	12.19	56076.67	56103.45313	56088.74607	56020.25000	504820.7	5409900.1
L4820.0	0.0	0.0	42734.69922	415.01	0	48.842056	-86.934299	56064.62	56237.8	12.18	56076.80	56103.53906	56091.11572	56023.69531	504820.7	5409900.3
L4820.0	0.0	0.0	42734.80078	413.17	0	48.842057	-86.934299	56064.72	56237.8	12.18	56076.90	56103.59375	56092.93907	56026.58203	504820.7	5409900.3
L4820.0	0.0	0.0	42734.89844	416.36	0	48.842057	-86.934299	56064.84	56237.8	12.17	56077.02	56103.66797	56095.42338	56030.12109	504820.7	5409900.3
L4820.0	0.0	0.0	42735.00000	421.29	0	48.842058	-86.934298	56064.79	56237.8	12.17	56076.96	56103.55859	56093.72555	56029.47266	504820.8	5409900.4
L4820.0	0.0	0.0	42735.10156	419.61	0	48.842059	-86.934298	56065.06	56237.8	12.17	56077.22	56103.76563	56099.94304	56036.72656	504820.8	5409900.5
L4820.0	0.0	0.0	42735.19922	419.26	0	48.842060	-86.934297	56065.20	56237.8	12.16	56077.36	56103.85547	56103.42428	56041.23438	504820.8	5409900.6
L4820.0	0.0	0.0	42735.30078	420.92	0	48.842060	-86.934297	56065.10	56237.8	12.15	56077.25	56103.68750	56101.01994	56039.84766	504820.8	5409900.6
L4820.0	0.0	0.0	42735.39844	420.35	0	48.842060	-86.934297	56065.25	56237.8	12.15	56077.40	56103.78125	56105.06924	56044.90234	504820.9	5409900.7
L4820.0	0.0	0.0	42735.50000	420.41	0	48.842062	-86.934297	56064.57	56237.9	12.14	56076.71	56103.02734	56088.94773	56029.77734	504820.9	5409900.8
L4820.0	0.0	0.0	42735.60156	421.08	0	48.842063	-86.934296	56064.06	56237.9	12.14	56076.20	56102.45703	56077.33703	56019.14844	504820.9	5409901.0
L4820.0	0.0	0.0	42735.69922	421.78	0	48.842063	-86.934296	56064.12	56237.9	12.14	56076.25	56102.43750	56079.43010	56022.21094	504820.9	5409901.0
L4820.0	0.0	0.0	42735.80078	418.68	0	48.842064	-86.934296	56064.34	56237.9	12.13	56076.47	56102.58984	56085.78510	56029.52344	504821.0	5409901.1
L4820.0	0.0	0.0	42735.89844	417.80	0	48.842066	-86.934295	56064.47	56237.9	12.13	56076.59	56102.63672	56089.86433	56034.54688	504821.0	5409901.3
L4820.0	0.0	0.0	42735.89844	417.80	0	48.842067	-86.934295	56064.41	56237.9	12.13	56076.54	56102.51172	56089.97029	56035.58203	504821.0	5409901.5
L4820.0	0.0	0.0	42736.10156	417.67	0	48.842070	-86.934294	56064.24	56237.9	12.12	56076.36	56102.25391	56087.06760	56033.59766	504821.1	5409901.8
L4820.0	0.0	0.0	42736.19922	417.58	0	48.842070	-86.934294	56064.32	56237.9	12.11	56076.43	56102.24219	56090.34926	56037.78125	504821.1	5409901.8
L4820.0	0.0	0.0	42736.30078	416.51	0	48.842072	-86.934294	56064.39	56237.9	12.11	56076.50	56102.22656	56093.76170	56042.08203	504821.1	5409902.0
L4820.0	0.0	0.0	42736.39844	414.98	0	48.842074	-86.934293	56063.96	56237.9	12.10	56076.06	56101.69922	56084.95916	56034.15625	504821.2	5409902.3
L4820.0	0.0	0.0	42736.50000	416.07	0	48.842077	-86.934292	56063.61	56237.9	12.10	56075.70	56101.24609	56078.21703	56028.26953	504821.2	5409902.5
L4820.0	0.0	0.0	42736.60156	414.26	0	48.842077	-86.934292	56063.56	56237.9	12.09	56075.65	56101.10156	56079.09842	56029.99609	504821.2	5409902.5
L4820.0	0.0	0.0	42736.69922	413.03	0	48.842080	-86.934292	56063.10	56237.9	12.08	56075.19	56100.54297	56070.17562	56021.89844	504821.3	5409902.9
L4820.0	0.0	0.0	42736.80078	414.18	0	48.842082	-86.934291	56062.92	56237.9	12.08	56075.00	56100.24609	56067.90239	56020.43750	504821.3	5409903.2
L4820.0	0.0	0.0	42736.89844	415.35	0	48.842086	-86.934290	56062.59	56237.9	12.07	56074.67	56099.80859	56062.35353	56015.68359	504821.4	5409903.6
L4820.0	0.0	0.0	42737.00000	417.65	0	48.842086	-86.934290	56062.44	56237.9	12.07	56074.51	56099.53906	56061.02868	56015.13672	504821.4	5409903.6
L4820.0	0.0	0.0	42737.10156	416.20	0	48.842090	-86.934289	56062.09	56237.9	12.07	56074.16	56099.07031	56055.21294	56010.08203	504821.4	5409903.9
L4820.0	0.0	0.0	42737.19922	416.30	0	48.842092	-86.934289	56061.96	56237.9	12.07	56074.03	56098.82031	56054.82631	56010.44141	504821.5	5409904.2
L4820.0	0.0	0.0	42737.30078	418.05	0	48.842095	-86.934288	56062.21	56237.9	12.07	56074.28	56098.94531	56063.73870	56020.07813	504821.5	5409904.6
L4820.0	0.0	0.0	42737.39844	418.35	0	48.842095	-86.934288	56062.44	56237.9	12.07	56074.51	56099.04688	56072.26760	56029.31641	504821.5	5409904.6
L4820.0	0.0	0.0	42737.50000	416.78	0	48.842098	-86.934287	56062.70	56237.9	12.06	56074.76	56099.16406	56081.37910	56039.12109	504821.6	5409904.9
L4820.0	0.0	0.0	42737.60156	417.09	0	48.842102	-86.934287	56062.62	56237.9	12.06	56074.68	56098.94531	56082.60105	56041.01563	504821.6	5409905.3
L4820.0	0.0	0.0	42737.69922	415.19	0	48.842102	-86.934287	56062.77	56237.9	12.06	56074.84	56098.96094	56089.72638	56048.79688	504821.6	5409905.3
L4820.0	0.0	0.0	42737.80078	417.99	0	48.842105	-86.934286	56062.37	56237.9	12.06	56074.43	56098.40234	56083.15082	56042.85938	504821.7	5409905.6
L4820.0	0.0	0.0	42737.89844	420.27	0	48.842108	-86.934286	56062.52	56237.9	12.06	56074.58	56098.40234	56090.22017	56050.54688	504821.7	5409906.0
L4820.0	0.0	0.0	42737.89844	420.27	0	48.842112	-86.934285	56061.92	56237.9	12.06	56073.98	56097.64453	56079.23002	56040.15625	504821.7	5409906.4
L4820.0	0.0	0.0	42738.10156	418.27	0	48.842115	-86.934285	56061.93	56237.9	12.06	56073.99	56097.48828	56083.09271	56044.60156	504821.8	5409906.7
L4820.0	0.0	0.0	42738.19922	417.58	0	48.842115	-86.934285	56062.12	56237.9	12.06	56074.17	56097.50000	56091.15900	56053.23047	504821.8	5409906.7
L4820.0	0.0	0.0	42738.30078	418.93	0	48.842118	-86.934284	56061.41	56237.9	12.05	56073.46	56096.61719	56077.77521	56040.39063	504821.8	5409907.1
L4820.0	0.0	0.0	42738.39844	417.15	0	48.842124	-86.934283	56061.58	56237.9	12.05	56073.63	56096.60938	56085.77657	56048.91406	504821.9	5409907.8
L4820.0	0.0	0.0	42738.50000	415.11	0	48.842129	-86.934282	56061.48	56237.9	12.05	56073.53	56096.32422	56087.33163	56050.97656	504821.9	5409908.3
L4820.0	0.0	0.0	42738.60156	416.91	0	48.842129	-86.934282	56061.58	56238	12.05	56073.63	56096.23438	56093.81466	56057.94531	504821.9	5409908.3
L4820.0	0.0	0.0	42738.69922	417.30	0	48.842133	-86.934282	56061.36	56238	12.05	56073.40	56095.80859	56092.39911	56057.00000	504822.0	5409908.7
L4820.0	0.0	0.0	42738.80078	417.67	0	48.842137	-86.934281	56061.33	56238	12.04	56073.37	56095.57813	56095.91160	56060.96094	504822.0	5409909.2
L4820.0	0.0	0.0	42738.89844	415.62	0	48.842137	-86.934281	56060.93	56238	12.04	56072.97	56094.97266	56090.55781	56056.03516	504822.0	5409909.2

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4820.0	0.0	0.0	42739.00000	416.30	0	48.842143	-86.934280	56060.77	56238	12.04	56072.81	56094.60156	56091.10071	56056.98828	504822.1	5409909.9
L4820.0	0.0	0.0	42739.10156	416.24	0	48.842148	-86.934280	56060.17	56238	12.04	56072.21	56093.78125	56081.08411	56047.36328	504822.1	5409910.4
L4820.0	0.0	0.0	42739.19922	417.56	0	48.842148	-86.934280	56059.94	56238	12.04	56071.98	56093.32813	56080.11142	56046.76172	504822.1	5409910.4
L4820.0	0.0	0.0	42739.30078	417.65	0	48.842152	-86.934279	56060.09	56238	12.05	56072.14	56093.26172	56088.66736	56055.66797	504822.2	5409910.9
L4820.0	0.0	0.0	42739.39844	419.98	0	48.842159	-86.934278	56059.84	56238	12.05	56071.89	56092.77344	56087.39195	56054.72656	504822.2	5409911.7
L4820.0	0.0	0.0	42739.50000	421.50	0	48.842164	-86.934278	56059.96	56238	12.05	56072.01	56092.65234	56095.16282	56062.81250	504822.2	5409912.2
L4820.0	0.0	0.0	42739.60156	420.09	0	48.842164	-86.934278	56059.36	56237.9	12.05	56071.41	56091.80469	56085.60188	56053.54688	504822.2	5409912.2
L4820.0	0.0	0.0	42739.69922	418.67	0	48.842171	-86.934278	56059.11	56237.9	12.05	56071.16	56091.30078	56084.60520	56052.82813	504822.3	5409913.0
L4820.0	0.0	0.0	42739.80078	415.17	0	48.842177	-86.934277	56058.45	56237.9	12.06	56070.50	56090.38281	56073.78112	56042.25781	504822.3	5409913.7
L4820.0	0.0	0.0	42739.89844	416.23	0	48.842184	-86.934277	56058.68	56237.9	12.06	56070.73	56090.34766	56084.59205	56053.30859	504822.3	5409914.4
L4820.0	0.0	0.0	42739.89844	416.23	0	48.842184	-86.934277	56058.40	56237.9	12.06	56070.46	56089.80469	56083.39978	56052.33594	504822.3	5409914.4
L4820.0	0.0	0.0	42740.00000	413.00	0	48.842190	-86.934277	56058.07	56237.9	12.06	56070.13	56089.19922	56080.85393	56049.99219	504822.3	5409915.1
L4820.0	0.0	0.0	42740.10156	414.58	0	48.842197	-86.934277	56058.19	56237.9	12.06	56070.25	56089.03516	56089.29821	56058.61719	504822.3	5409915.9
L4820.0	0.0	0.0	42740.19922	413.35	0	48.842197	-86.934277	56057.69	56238	12.05	56069.74	56088.23438	56082.59674	56052.08203	504822.3	5409915.9
L4820.0	0.0	0.0	42740.30078	412.98	0	48.842197	-86.934277	56057.66	56238	12.04	56069.71	56087.90625	56087.61383	56057.24609	504822.3	5409915.9
L4820.0	0.0	0.0	42740.39844	414.32	0	48.842204	-86.934277	56056.63	56238	12.04	56068.67	56086.56250	56068.29117	56038.05078	504822.3	5409916.7
L4820.0	0.0	0.0	42740.60156	415.19	0	48.842212	-86.934277	56056.78	56238	12.03	56068.81	56086.39453	56077.63007	56047.50000	504822.3	5409917.5
L4820.0	0.0	0.0	42740.69922	415.11	0	48.842215	-86.934277	56056.47	56238	12.03	56068.50	56085.76953	56076.18403	56046.14844	504822.3	5409917.9
L4820.0	0.0	0.0	42740.80078	414.75	0	48.842223	-86.934278	56056.50	56238	12.02	56068.52	56085.46875	56082.83087	56052.86719	504822.3	5409918.8
L4820.0	0.0	0.0	42740.89844	416.49	0	48.842223	-86.934278	56055.86	56238	12.01	56067.88	56084.50000	56073.61261	56043.70703	504822.3	5409918.8
L4820.0	0.0	0.0	42741.00000	414.62	0	48.842232	-86.934278	56055.48	56238	12.01	56067.49	56083.77734	56070.55307	56040.68750	504822.3	5409919.8
L4820.0	0.0	0.0	42741.10156	414.68	0	48.842242	-86.934278	56055.23	56238	12.01	56067.24	56083.18750	56070.99100	56041.15234	504822.2	5409920.8
L4820.0	0.0	0.0	42741.19922	416.05	0	48.842247	-86.934278	56054.98	56238	12.00	56066.98	56082.57813	56071.29699	56041.46484	504822.2	5409921.5
L4820.0	0.0	0.0	42741.30078	416.21	0	48.842254	-86.934278	56054.63	56238	12.00	56066.63	56081.87500	56069.53563	56039.69141	504822.2	5409922.2
L4820.0	0.0	0.0	42741.39844	414.95	0	48.842254	-86.934278	56054.40	56238	12.00	56066.40	56081.28906	56070.78968	56040.92188	504822.2	5409922.2
L4820.0	0.0	0.0	42741.50000	414.95	0	48.842262	-86.934279	56053.87	56238	12.00	56065.86	56080.38281	56064.65318	56034.74219	504822.2	5409923.1
L4820.0	0.0	0.0	42741.60156	415.97	0	48.842262	-86.934279	56053.79	56238	11.99	56065.78	56079.92969	56069.76119	56039.79297	504822.2	5409923.1
L4820.0	0.0	0.0	42741.69922	415.34	0	48.842272	-86.934279	56053.39	56238	11.99	56065.38	56079.15234	56067.23716	56037.19922	504822.1	5409924.3
L4820.0	0.0	0.0	42741.80078	415.49	0	48.842280	-86.934280	56053.11	56238	11.99	56065.10	56078.48828	56067.72958	56037.60156	504822.1	5409925.1
L4820.0	0.0	0.0	42741.89844	416.55	0	48.842286	-86.934280	56052.66	56238	11.98	56064.64	56077.64063	56063.97809	56033.74609	504822.1	5409925.8
L4820.0	0.0	0.0	42741.89844	416.55	0	48.842295	-86.934281	56052.20	56238	11.98	56064.18	56076.78516	56060.33865	56029.99219	504822.0	5409926.8
L4820.0	0.0	0.0	42742.10156	417.93	0	48.842295	-86.934281	56052.25	56238	11.98	56064.23	56076.43359	56069.15342	56038.67188	504822.0	5409926.8
L4820.0	0.0	0.0	42742.19922	419.46	0	48.842304	-86.934281	56051.64	56238	11.98	56063.63	56075.42578	56062.34872	56031.72266	504822.0	5409927.8
L4820.0	0.0	0.0	42742.30078	420.16	0	48.842310	-86.934282	56050.98	56238	11.98	56062.96	56074.34375	56053.96047	56023.17188	504821.9	5409928.5
L4820.0	0.0	0.0	42742.39844	420.04	0	48.842310	-86.934282	56051.01	56238	11.98	56062.99	56073.95313	56062.62261	56031.66016	504821.9	5409928.5
L4820.0	0.0	0.0	42742.50000	419.40	0	48.842321	-86.934283	56050.56	56238	11.99	56062.54	56073.07813	56059.77700	56028.62891	504821.9	5409929.7
L4820.0	0.0	0.0	42742.60156	419.24	0	48.842329	-86.934284	56050.45	56238	11.99	56062.44	56072.54688	56065.50930	56034.16016	504821.8	5409930.5
L4820.0	0.0	0.0	42742.69922	420.92	0	48.842338	-86.934284	56049.54	56238	11.99	56061.53	56071.20313	56051.74507	56020.18359	504821.8	5409931.6
L4820.0	0.0	0.0	42742.80078	421.29	0	48.842344	-86.934285	56049.18	56238	11.99	56061.17	56070.40234	56051.39618	56019.60938	504821.7	5409932.2
L4820.0	0.0	0.0	42742.89844	420.13	0	48.842352	-86.934286	56048.36	56238	11.99	56060.34	56069.12500	56039.77600	56007.75391	504821.7	5409933.2
L4820.0	0.0	0.0	42743.00000	418.10	0	48.842352	-86.934286	56048.53	56238	11.99	56060.52	56068.85156	56052.70020	56020.42578	504821.7	5409933.2
L4820.0	0.0	0.0	42743.10156	419.28	0	48.842366	-86.934287	56048.16	56238	11.99	56060.15	56068.02344	56052.41327	56019.87891	504821.6	5409934.6
L4820.0	0.0	0.0	42743.19922	418.86	0	48.842374	-86.934287	56047.74	56238	11.99	56059.73	56067.14063	56051.01360	56018.20703	504821.6	5409935.6
L4820.0	0.0	0.0	42743.30078	418.40	0	48.842374	-86.934287	56047.72	56238	11.98	56059.70	56066.64453	56059.14734	56026.05859	504821.6	5409935.6
L4820.0	0.0	0.0	42743.39844	419.49	0	48.842385	-86.934288	56047.60	56238	11.98	56059.58	56066.05078	56065.19560	56031.81250	504821.5	5409936.8
L4820.0	0.0	0.0	42743.50000	418.29	0	48.842394	-86.934288	56047.06	56238	11.98	56059.04	56065.03516	56061.16946	56027.48438	504821.5	5409937.7
L4820.0	0.0	0.0	42743.60156	418.14	0	48.842394	-86.934288	56046.18	56238	11.98	56058.16	56063.67188	56049.00227	56015.00391	504821.5	5409937.7
L4820.0	0.0	0.0	42743.69922	418.65	0	48.842406	-86.934289	56045.47	56238	11.98	56057.45	56062.47656	56041.03365	56006.71094	504821.4	5409939.2
L4820.0	0.0	0.0	42743.80078	419.21	0	48.842415	-86.934290	56045.44	56238	11.97	56057.42	56061.95313	56049.60307	56014.94922	504821.3	5409940.1
L4820.0	0.0	0.0	42743.89844	417.45	0	48.842425	-86.934291	56045.06	56238	11.97	56057.04	56061.07813	56049.78035	56014.78516	504821.3	5409941.2
L4820.0	0.0	0.0	42743.89844	417.45	0	48.842425	-86.934291	56044.66	56238	11.97	56056.64	56060.17969	56049.54852	56014.20313	504821.3	5409941.2
L4820.0	0.0	0.0	42744.10156	416.54	0	48.842433	-86.934291	56044.51	56238	11.97	56056.48	56059.51563	56055.19640	56019.49219	504821.3	5409942.1
L4820.0	0.0	0.0	42744.19922	419.21	0	48.842442	-86.934292	56044.21	56238	11.98	56056.18	56058.70703	56057.52405	56021.44922	504821.2	5409943.1
L4820.0	0.0	0.0	42744.30078	417.90	0	48.842450	-86.934292	56043.72	56238	11.98	56055.70	56057.71484	56055.55975	56019.11328	504821.2	5409944.0
L4820.0	0.0	0.0	42744.39844	417.71	0	48.842450	-86.934292	56043.20	56238	11.98	56055.18	56056.67969	56052.68785	56015.85938	504821.2	5409944.0
L4820.0	0.0	0.0	42744.50000	417.44	0	48.842462	-86.934293	56042.46	56238	11.99	56054.44	56055.41797	56044.54824	56007.32813	504821.1	5409945.4
L4820.0	0.0	0.0	42744.60156	416.59	0	48.842472	-86.934294	56042.04	56238	11.99	56054.02	56054.47656	56044.20545	56006.58984	504821.1	5409946.4
L4820.0	0.0	0.0	42744.69922	415.04	0	48.842472	-86.934294	56041.50	56238	11.99	56053.49	56053.41797	56041.24893	56003.23047	504821.1	5409946.4
L4820.0	0.0	0.0	42744.80078	414.03	0	48.842481	-86.934294	56041.02	56238	11.99	56053.01	56052.41016	56039.54661	56001.11719	504821.0	5409947.5
L4820.0	0.0	0.0	42744.89844	415.97	0	48.842490	-86.934295	56040.36	56238	12.00	56052.36	56051.22656	56033.76997	55994.92578	504821.0	5409948.5
L4820.0	0.0	0.0	42745.00000	417.81	0	48.842498	-86.934296	56040.21	56238	12.00	56052.21	56050.54297	56040.12928	56000.86328	504820.9	5409949.3
L4820.0	0.0	0.0	42745.10156	417.09	0	48.842498	-86.934296	56039.86	56238	12.00	56051.85	56049.64453	56041.43734	56001.74609	504820.9	5409949.3
L4820.0	0.0	0.0	42745.19922	418.21	0	48.842507	-86.934296	56039.38	56238	11.99	56051.37	56048.62500	56039.86770	55999.74609	504820.9	5409950.4
L4820.0	0.0	0.0	42745.30078	420.27	0	48.842517	-86.934297	56038.99	56238	11.99	56050.98	56047.69141	56040.49793	55999.93750	504820.8	5409951.5
L4820.0	0.0	0.0	42745.39844	420.45	0	48.842527	-86.934297	56038.57	56238	11.99	56050.55	56046.71484	56040.17720	55999.17578	504820.8	5409952.5
L4820.0	0.0	0.0	42745.50000	421.67	0	48.842537	-86.934298	56038.03	56238	11.99	56050.02	56045.64063	56037.44869	55996.00391	504820.7	5409953.7
L4820.0	0.0	0.0	42745.60156	420.43	0	48.842537	-86.934298	56037.50	56238	11.98	56049.49	56044.55859	56034.72768	55992.83203	504820.7	5409953.7
L4820.0	0.0	0.0	42745.69922	420.30	0	48.842551	-86.934299	56036.89	56238	11.98	56048.87	56043.39063	56029.83121	55987.48047	504820.7	5409955.2
L4820.0	0.0	0.0	42745.80078	420.15	0	48.842562	-86.934299	56036.39	56238	11.98	56048.37	56042.33594	56027.83655	55985.03125	504820.6	5409956.5
L4820.0	0.0	0.0	42745.89844	421.02	0	48.842562	-86.934299	56035.98	56238	11.97	56047.95	56041.36328	56027.77069	55984.50391	504820.6	5409956.5
L4820.0	0.0	0.0	42745.89844	421.02	0	48.842572	-86.934300	56035.78	56238	11.97	56047.75	56040.60938	56033.01674	55989.28906	504820.6	5409957.6
L4820.0	0.0	0.0	42746.10156	422.20	0	48.842581	-86.934300	56035.10	56238	11.97	56047.07	56039.37109	56026.62897	55982.43359	504820.6	5409958.5
L4820.0	0.0	0.0	42746.19922	421.05	0	48.842592	-86.934300	56034.82	56238	11.97	56046.80	56038.54297	56030.14114	55985.47656	504820.6	5409959.8
L4820.0	0.0	0.0	42746.30078	419.89	0	48.842592	-86.934300	56034.46	56238	11.98	56046.44	56037.62891	56031.44763	55986.31250	504820.6	5409959.8
L4820.0	0.0	0.0	42746.39844	420.33	0	48.842604	-86.934301	56034.09	56238	11.98	56046.06	56036.68750	56032.23735	55986.63281	504820.5	5409961.1
L4820.0	0.0	0.0	42746.50000	419.98	0	48.842612	-86.934301	56033.31	56238	11.98	56045.28	56035.35156	56023.30873	55977.23047	504820.5	5409962.0
L4820.0	0.0	0.0	42746.60156	419.03	0	48.842622	-86.934301	56033.13	56238	11.98	56045.11	56034.62109	56029.09955	55982.54297	504820.5	5409963.2
L4820.0	0.0	0.0	42746.69922	419.32	0	48.842622	-86.934301	56032.57	56238	11.98	56044.55	56033.50391	56025.40355	55978.37109	504820.5	5409963.2
L4820.0	0.0	0.0	42746.80078	420.25	0	48.842635	-86.934302	56031.89	56238	11.99	56043.87	56032.26563	56018.74976	55971.23828	504820.5	5409964.6
L4820.0	0.0	0.0	42746.89844	419.38	0	48.842647	-86.934302	56031.25	56238	11.99	56043.24	56031.07813	56013.24702	55965.25781	504820.4	5409965.9
L4820.0	0.0	0.0	42747.00000	418.23	0	48.842647	-86.934302	56030.93	56238	11.99	56042.92	56030.19922	56015.18230	55966.71484	504820.4	5409965.9
L4820.0	0.0	0.0	42747.10156	418.01	0	48.842661	-86.934303	56030.22	56238	11.99	56042.21	56028.93359	56007.60956	55958.66406	504820.4	5409967.5
L4820.0	0.0	0.0	42747.19922	420.51	0	48.842671	-86.934303	56029.79	56238	11.99	56041.78	56027.94922	56006.73810	55957.30859	504820.4	5409968.6
L4820.0	0.0	0.0	42747.30078	418.96	0	48.842671	-86.934303	56029.40	56238	11.99	56041.39	56027.00391	56006.75433	55956.84766	504820.4	5409968.6
L4820.0	0.0	0.0	42747.39844	420.63	0	48.842682	-86.934303	56028.88	56238	11.99	56040.87	56025.93359	56003.53867	55953.15234	504820.3	5409969.8
L4820.0	0.0	0.0	42747.50000	422.24	0	48.842694	-86.934304	56028.47	56238	11.99	56040.47	56024.98047	56003.13598	55952.27344	504820.3	5409971.2
L4820.0	0.0	0.0	42747.60156	421.76	0	48.842707	-86.934304	56027.82	56238	12.00	56039.81	56023.76953	55996.34446	55945.00391	504820.3	5409972.6
L4820.0	0.0	0.0	42747.69922	421.92	0	48.842707	-86.934304	56027.87	56238	12.00	56039.86	56023.27344	56006.63363	55954.81641	504820.3	5409972.6
L4820.0	0.0	0.0	42747.80078	421.36	0	48.842722	-86.934304	56027.51	56238	12.00	56039.51	56022.37500	56007.13493	55954.83984	504820.3	5409974.2
L4820.0	0.0	0.0	42747.89844	418.79	0	48.842731	-86.934305	56027.11	56238	12.00	56039.11	56021.43359	56006.31324	55953.54688	504820.2	5409975.3
L4820.0	0.0	0.0	42747.89844	418.79	0	48.842743	-86.934305	56026.70	56238	12.00	56038.70	56020.48047	56005.13113	55951.89063	504820.2	5409976.5
L4820.0	0.0	0.0	42748.10156	418.18	0	48.842756	-86.934305	56026.09	56238	12.00	56038.09	56019.33203	55998.98491	55945.27344	504820.2	5409978.1
L4820.0	0.0	0.0	42748.19922	417.07	0	48.842756	-86.934305	56025.56	56238	12.00	56037.57	56018.27734	55994.88735	55940.70703	504820.2	5409978.1

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4820.0	0.0	0.0	42748.30078	417.95	0	48.842770	-86.934305	56025.36	56238	12.00	56037.36	56017.53516	55998.15715	55943.50781	504820.2	5409979.5
L4820.0	0.0	0.0	42748.39844	415.46	0	48.842781	-86.934305	56024.81	56238	12.00	56036.81	56016.45703	55993.05812	55937.94531	504820.2	5409980.8
L4820.0	0.0	0.0	42748.50000	414.52	0	48.842781	-86.934305	56024.52	56238	12.01	56036.53	56015.64844	55994.34732	55938.77344	504820.2	5409980.8
L4820.0	0.0	0.0	42748.60156	414.89	0	48.842798	-86.934305	56024.20	56238	12.01	56036.21	56014.80469	55994.51688	55938.48438	504820.2	5409982.7
L4820.0	0.0	0.0	42748.69922	416.60	0	48.842807	-86.934306	56023.79	56238	12.01	56035.80	56013.87500	55992.35117	55935.86328	504820.2	5409983.7
L4820.0	0.0	0.0	42748.80078	414.98	0	48.842818	-86.934306	56023.19	56238	12.01	56035.20	56012.76172	55985.42452	55928.48047	504820.1	5409984.9
L4820.0	0.0	0.0	42748.89844	416.65	0	48.842818	-86.934306	56022.88	56238	12.01	56034.89	56011.94141	55985.34779	55927.95703	504820.1	5409984.9
L4820.0	0.0	0.0	42749.00000	416.85	0	48.842832	-86.934306	56022.70	56238	12.01	56034.71	56011.25391	55988.24323	55930.40625	504820.1	5409986.5
L4820.0	0.0	0.0	42749.10156	418.64	0	48.842843	-86.934306	56022.45	56238	12.01	56034.46	56010.50000	55989.26504	55930.98438	504820.1	5409987.7
L4820.0	0.0	0.0	42749.19922	417.88	0	48.842843	-86.934306	56022.43	56238	12.01	56034.44	56009.98047	55995.66788	55936.94531	504820.1	5409987.7
L4820.0	0.0	0.0	42749.30078	418.45	0	48.842858	-86.934306	56022.02	56238	12.01	56034.04	56009.08594	55992.68355	55933.52734	504820.1	5409989.4
L4820.0	0.0	0.0	42749.39844	417.96	0	48.842870	-86.934306	56021.48	56238	12.01	56033.50	56008.05469	55986.11464	55926.52734	504820.1	5409990.7
L4820.0	0.0	0.0	42749.50000	417.09	0	48.842881	-86.934306	56020.84	56238	12.01	56032.85	56006.92188	55976.68157	55916.66797	504820.1	5409991.9
L4820.0	0.0	0.0	42749.60156	415.84	0	48.842889	-86.934306	56020.66	56238	12.02	56032.68	56006.27344	55978.65729	55918.21875	504820.1	5409992.8
L4820.0	0.0	0.0	42749.69922	416.33	0	48.842889	-86.934306	56020.43	56238	12.02	56032.44	56005.55859	55978.72565	55917.87109	504820.1	5409992.8
L4820.0	0.0	0.0	42749.80078	418.27	0	48.842902	-86.934306	56020.10	56238	12.02	56032.12	56004.76953	55976.63903	55915.37109	504820.1	5409994.3
L4820.0	0.0	0.0	42749.89844	418.16	0	48.842913	-86.934306	56019.77	56238	12.02	56031.79	56003.97266	55974.08589	55912.41016	504820.1	5409995.4
L4820.0	0.0	0.0	42749.89844	418.16	0	48.842913	-86.934306	56019.19	56238	12.02	56031.21	56002.93750	55965.25241	55903.17578	504820.1	5409995.4
L4820.0	0.0	0.0	42750.10156	419.00	0	48.842926	-86.934306	56019.34	56238	12.02	56031.36	56002.63281	55973.84999	55911.37500	504820.1	5409996.9
L4820.0	0.0	0.0	42750.19922	419.17	0	48.842940	-86.934306	56019.29	56238	12.02	56031.31	56002.13672	55977.36615	55914.49609	504820.1	5409998.4
L4820.0	0.0	0.0	42750.30078	419.26	0	48.842952	-86.934306	56019.14	56238	12.03	56031.17	56001.55469	55978.45749	55915.20313	504820.1	5409999.9
L4820.0	0.0	0.0	42750.39844	419.69	0	48.842952	-86.934306	56018.98	56238	12.03	56031.01	56000.96094	55978.81257	55915.17578	504820.1	5409999.9
L4820.0	0.0	0.0	42750.50000	419.33	0	48.842968	-86.934306	56019.21	56238	12.03	56031.24	56000.76172	55988.34833	55924.33984	504820.1	5410001.6
L4820.0	0.0	0.0	42750.60156	420.90	0	48.842968	-86.934306	56018.46	56238	12.03	56030.49	55999.58984	55973.90399	55909.52734	504820.1	5410001.6
L4820.0	0.0	0.0	42750.69922	419.74	0	48.842977	-86.934305	56018.45	56238	12.03	56030.49	55999.17188	55977.34187	55912.60156	504820.1	5410002.7
L4820.0	0.0	0.0	42750.80078	419.70	0	48.842987	-86.934305	56018.48	56238	12.04	56030.52	55998.79297	55981.23192	55916.13672	504820.2	5410003.8
L4820.0	0.0	0.0	42750.89844	420.38	0	48.842987	-86.934305	56018.00	56238	12.04	56030.04	55997.91016	55972.50031	55907.05859	504820.2	5410003.8
L4820.0	0.0	0.0	42751.00000	420.07	0	48.842999	-86.934305	56017.92	56238	12.04	56029.96	55997.43359	55973.16471	55907.38281	504820.2	5410005.1
L4820.0	0.0	0.0	42751.10156	419.28	0	48.843012	-86.934305	56017.62	56238	12.04	56029.66	55996.74219	55968.21534	55902.09766	504820.2	5410006.5
L4820.0	0.0	0.0	42751.19922	417.85	0	48.843028	-86.934305	56017.62	56238	12.04	56029.67	55996.37109	55970.47362	55904.02734	504820.1	5410008.2
L4820.0	0.0	0.0	42751.30078	417.91	0	48.843041	-86.934306	56017.54	56238	12.05	56029.59	55995.91406	55970.25410	55903.48438	504820.1	5410009.7
L4820.0	0.0	0.0	42751.39844	416.62	0	48.843051	-86.934306	56017.46	56238	12.05	56029.51	55995.46484	55969.72995	55902.64844	504820.1	5410010.8
L4820.0	0.0	0.0	42751.50000	416.33	0	48.843051	-86.934306	56017.42	56238	12.05	56029.47	55995.06250	55969.86431	55902.48047	504820.1	5410010.8
L4820.0	0.0	0.0	42751.60156	416.86	0	48.843066	-86.934306	56017.39	56237.9	12.05	56029.44	55994.67578	55969.92637	55902.24219	504820.1	5410012.5
L4820.0	0.0	0.0	42751.69922	418.21	0	48.843079	-86.934306	56017.57	56237.9	12.05	56029.62	55994.51172	55974.75166	55906.77734	504820.1	5410013.9
L4820.0	0.0	0.0	42751.80078	417.03	0	48.843079	-86.934306	56017.44	56237.9	12.06	56029.50	55994.05078	55971.99307	55903.73438	504820.1	5410013.9
L4820.0	0.0	0.0	42751.89844	415.05	0	48.843094	-86.934306	56017.17	56237.9	12.06	56029.23	55993.44531	55965.27628	55896.74609	504820.1	5410015.6
L4820.0	0.0	0.0	42751.89844	415.05	0	48.843106	-86.934306	56017.09	56237.9	12.06	56029.15	55993.03906	55962.82525	55894.03125	504820.1	5410017.0
L4820.0	0.0	0.0	42752.10156	416.04	0	48.843124	-86.934306	56016.81	56237.9	12.06	56028.88	55992.45313	55955.43936	55886.38672	504820.1	5410019.0
L4820.0	0.0	0.0	42752.19922	415.66	0	48.843124	-86.934306	56017.39	56237.9	12.07	56029.46	55992.72266	55968.28350	55898.98047	504820.1	5410019.0
L4820.0	0.0	0.0	42752.30078	416.06	0	48.843138	-86.934306	56017.12	56237.9	12.07	56029.19	55992.14844	55960.21199	55890.66406	504820.1	5410020.6
L4820.0	0.0	0.0	42752.39844	417.92	0	48.843150	-86.934305	56017.44	56237.9	12.08	56029.52	55992.17969	55966.31240	55896.53516	504820.1	5410021.8
L4820.0	0.0	0.0	42752.50000	417.63	0	48.843161	-86.934305	56017.17	56237.9	12.08	56029.25	55991.62109	55957.53982	55887.53906	504820.1	5410023.1
L4820.0	0.0	0.0	42752.60156	416.97	0	48.843161	-86.934305	56017.34	56237.9	12.08	56029.43	55991.52344	55959.30168	55889.08594	504820.1	5410023.1
L4820.0	0.0	0.0	42752.69922	416.80	0	48.843175	-86.934305	56017.62	56237.9	12.09	56029.71	55991.52734	55963.12422	55892.69922	504820.2	5410024.6
L4820.0	0.0	0.0	42752.80078	420.18	0	48.843187	-86.934305	56017.70	56237.9	12.09	56029.79	55991.34375	55961.74384	55891.12109	504820.2	5410026.0
L4820.0	0.0	0.0	42752.89844	417.67	0	48.843187	-86.934305	56017.72	56237.9	12.10	56029.82	55991.11719	55958.78757	55887.98047	504820.2	5410026.0
L4820.0	0.0	0.0	42753.00000	416.93	0	48.843197	-86.934305	56018.07	56237.9	12.10	56030.17	55991.21484	55963.20680	55892.21875	504820.2	5410027.1
L4820.0	0.0	0.0	42753.10156	417.17	0	48.843214	-86.934305	56018.16	56237.9	12.10	56030.25	55991.05078	55960.72015	55889.56250	504820.2	5410028.9
L4820.0	0.0	0.0	42753.19922	417.80	0	48.843227	-86.934304	56017.98	56237.9	12.10	56030.07	55990.63672	55951.56699	55880.25000	504820.2	5410030.4
L4820.0	0.0	0.0	42753.30078	416.88	0	48.843227	-86.934304	56018.45	56237.9	12.10	56030.55	55990.89063	55958.00977	55886.53906	504820.2	5410030.4
L4820.0	0.0	0.0	42753.39844	416.90	0	48.843239	-86.934304	56018.82	56237.9	12.10	56030.91	55991.03125	55961.16944	55889.55859	504820.2	5410031.8
L4820.0	0.0	0.0	42753.50000	418.05	0	48.843252	-86.934304	56018.84	56237.9	12.10	56030.93	55990.83984	55955.71965	55883.98047	504820.2	5410033.1
L4820.0	0.0	0.0	42753.60156	418.67	0	48.843252	-86.934304	56019.24	56237.9	12.09	56031.33	55991.03516	55959.08320	55887.21875	504820.2	5410033.1
L4820.0	0.0	0.0	42753.69922	417.59	0	48.843268	-86.934303	56019.67	56237.9	12.09	56031.76	55991.26953	55962.78799	55890.81250	504820.3	5410035.0
L4820.0	0.0	0.0	42753.80078	418.37	0	48.843284	-86.934303	56019.82	56237.9	12.09	56031.91	55991.23047	55959.33015	55887.25000	504820.3	5410036.8
L4820.0	0.0	0.0	42753.89844	419.61	0	48.843296	-86.934303	56020.18	56237.9	12.09	56032.27	55991.41016	55960.56679	55888.39453	504820.3	5410038.0
L4820.0	0.0	0.0	42753.89844	419.61	0	48.843296	-86.934303	56020.81	56237.9	12.09	56032.90	55991.86719	55967.94878	55895.69531	504820.3	5410038.0
L4820.0	0.0	0.0	42754.10156	417.49	0	48.843310	-86.934302	56020.45	56237.9	12.09	56032.55	55991.35156	55951.22388	55878.89844	504820.4	5410039.6
L4820.0	0.0	0.0	42754.19922	416.01	0	48.843310	-86.934302	56021.16	56237.9	12.10	56033.26	55991.90234	55959.76130	55887.37109	504820.4	5410039.6
L4820.0	0.0	0.0	42754.30078	417.91	0	48.843324	-86.934302	56021.44	56237.9	12.10	56033.54	55992.03125	55957.50093	55885.05469	504820.4	5410041.2
L4820.0	0.0	0.0	42754.39844	417.75	0	48.843339	-86.934302	56021.82	56237.9	12.10	56033.92	55992.26953	55957.26887	55884.78125	504820.4	5410042.9
L4820.0	0.0	0.0	42754.50000	417.93	0	48.843354	-86.934301	56022.33	56237.9	12.11	56034.43	55992.64063	55959.79090	55887.26953	504820.4	5410044.5
L4820.0	0.0	0.0	42754.60156	418.84	0	48.843354	-86.934301	56022.84	56237.9	12.11	56034.94	55993.02344	55961.92083	55889.37891	504820.4	5410044.5
L4820.0	0.0	0.0	42754.69922	418.18	0	48.843369	-86.934301	56023.04	56237.9	12.11	56035.15	55993.11328	55956.39850	55883.83984	504820.4	5410046.2
L4820.0	0.0	0.0	42754.80078	418.31	0	48.843380	-86.934301	56023.46	56237.9	12.11	56035.57	55993.41797	55955.56674	55883.00391	504820.4	5410047.4
L4820.0	0.0	0.0	42754.89844	419.17	0	48.843380	-86.934301	56024.25	56237.9	12.12	56036.37	55994.11328	55963.54020	55890.98438	504820.4	5410047.4
L4820.0	0.0	0.0	42755.00000	419.22	0	48.843394	-86.934301	56024.30	56237.9	12.12	56036.42	55994.06250	55952.97245	55880.43750	504820.5	5410049.0
L4820.0	0.0	0.0	42755.10156	418.10	0	48.843410	-86.934300	56025.39	56237.9	12.12	56037.51	55995.06250	55967.18414	55894.67578	504820.5	5410050.7
L4820.0	0.0	0.0	42755.19922	417.47	0	48.843423	-86.934300	56025.62	56237.9	12.12	56037.74	55995.20703	55960.19443	55887.72266	504820.5	5410052.2
L4820.0	0.0	0.0	42755.30078	418.87	0	48.843423	-86.934300	56026.09	56237.9	12.12	56038.22	55995.60938	55958.86764	55886.44141	504820.5	5410052.2
L4820.0	0.0	0.0	42755.39844	420.61	0	48.843434	-86.934300	56026.93	56237.9	12.12	56039.05	55996.37109	55965.62526	55893.25781	504820.5	5410053.4
L4820.0	0.0	0.0	42755.50000	418.96	0	48.843447	-86.934299	56027.64	56237.9	12.13	56039.77	55997.02734	55969.33641	55897.03906	504820.5	5410054.9
L4820.0	0.0	0.0	42755.60156	417.99	0	48.843447	-86.934299	56028.24	56237.9	12.13	56040.37	55997.57031	55969.76081	55897.53906	504820.5	5410054.9
L4820.0	0.0	0.0	42755.69922	418.55	0	48.843477	-86.934299	56029.06	56237.9	12.13	56041.18	55998.33203	55974.88668	55902.75391	504820.6	5410058.2
L4820.0	0.0	0.0	42755.80078	420.88	0	48.843477	-86.934299	56029.79	56237.9	12.13	56041.91	55999.01953	55977.69781	55905.66016	504820.6	5410058.2
L4820.0	0.0	0.0	42755.89844	418.94	0	48.843490	-86.934299	56029.89	56237.9	12.13	56042.02	55999.09375	55965.12787	55893.19922	504820.6	5410059.6
L4820.0	0.0	0.0	42755.89844	418.94	0	48.843504	-86.934298	56030.73	56237.9	12.13	56042.86	55999.90234	55969.85059	55898.04297	504820.6	5410061.2
L4820.0	0.0	0.0	42756.10156	418.07	0	48.843504	-86.934298	56031.56	56237.9	12.13	56043.69	56000.71094	55973.95974	55902.27734	504820.6	5410061.2
L4820.0	0.0	0.0	42756.19922	418.93	0	48.843519	-86.934298	56032.06	56237.9	12.13	56044.20	56001.20313	55969.95570	55898.41016	504820.6	5410062.9
L4820.0	0.0	0.0	42756.30078	418.74	0	48.843532	-86.934298	56033.06	56237.9	12.13	56045.19	56002.18359	55977.20207	55905.80469	504820.7	5410064.3
L4820.0	0.0	0.0	42756.39844	418.17	0	48.843532	-86.934298	56033.78	56237.9	12.13	56045.92	56002.91016	55977.79308	55906.55469	504820.7	5410064.3
L4820.0	0.0	0.0	42756.50000	417.29	0	48.843545	-86.934297	56034.57	56237.9	12.14	56046.70	56003.69531	55979.23411	55908.16016	504820.7	5410065.8
L4820.0	0.0	0.0	42756.60156	416.81	0	48.843560	-86.934297	56035.15	56237.9	12.14	56047.28	56004.28516	55975.47815	55904.58203	504820.7	5410067.4
L4820.0	0.0	0.0	42756.69922	416.59	0	48.843571	-86.934297	56036.37	56237.9	12.14	56048.50	56005.51953	55986.85736	55916.14844	504820.7	5410068.7
L4820.0	0.0	0.0	42756.80078	414.60	0	48.843571	-86.934297	56036.89	56237.9	12.14	56049.03	56006.07031	55981.18790	55910.67188	504820.7	5410068.7
L4820.0	0.0	0.0	42756.89844	415.80	0	48.843587	-86.934297	56037.78	56237.9	12.14	56049.92	56006.98828	55983.88440	55913.57422	504820.7	5410070.4
L4820.0	0.0	0.0	42757.00000	414.47	0	48.843599	-86.934297	56038.82	56237.9	12.14	56050.96	56008.06250	55989.86835	55919.77344	504820.7	5410071.8
L4820.0	0.0	0.0	42757.10156	416.68	0	48.843599	-86.934297	56039.30	56237.9	12.14	56051.44	56008.58203	55981.96086	55912.09375	504820.7	5410071.8
L4820.0	0.0	0.0	42757.19922	417.35	0	48.843614	-86.934297	56040.34	56237.9	12.14	56052.48	56009.66406	55987.27094	55917.63281	504820.7	5410073.4
L4820.0	0.0	0.0	42757.30078	417.60	0	48.843629	-86.934297	56041.20	56237.9	12.14	56053.34	56010.57422	55987.89390	55918.50000	504820.7	5410075.1
L4820.0	0.0	0.0	42757.39844	415.87	0	48.843643	-86.934297	56042.31	56237.9	12.14	56054.45	56011.74219	55994.24028	55925.09766	504820.7	5410076.6
L4820.0	0.0	0.0	42757.50000	416.53	0	48.843643	-86.934297	56043.09	56237.9	12.14	56055.23	56012.58594	55992.27771	55923.39844	504820.7	5410076.6

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4820.0	0.0	0.0	42757.60156	419.21	0	48.843661	-86.934298	56044.54	56237.9	12.14	56056.68	56014.10156	56006.21148	55937.60156	504820.7	5410078.6
L4820.0	0.0	0.0	42757.69922	418.35	0	48.843672	-86.934298	56044.76	56237.9	12.14	56056.90	56014.39453	55990.06411	55921.73047	504820.6	5410079.9
L4820.0	0.0	0.0	42757.80078	417.18	0	48.843672	-86.934298	56046.38	56237.9	12.14	56058.52	56016.09375	56007.48867	55939.44141	504820.6	5410079.9
L4820.0	0.0	0.0	42757.89844	418.99	0	48.843685	-86.934298	56046.82	56237.9	12.14	56058.96	56016.61328	55996.05116	55928.30078	504820.6	5410081.3
L4820.0	0.0	0.0	42757.89844	418.99	0	48.843685	-86.934298	56048.13	56237.9	12.14	56060.26	56018.00391	56005.12623	55937.67969	504820.6	5410081.3
L4820.0	0.0	0.0	42758.10156	418.17	0	48.843698	-86.934298	56049.14	56237.9	12.14	56061.28	56019.11719	56007.12945	55939.99609	504820.6	5410082.8
L4820.0	0.0	0.0	42758.19922	416.57	0	48.843713	-86.934298	56050.07	56237.9	12.14	56062.21	56020.14453	56006.66379	55939.85156	504820.6	5410084.4
L4820.0	0.0	0.0	42758.30078	416.31	0	48.843713	-86.934298	56051.46	56237.9	12.14	56063.60	56021.63672	56017.04463	55950.56250	504820.6	5410084.4
L4820.0	0.0	0.0	42758.39844	418.27	0	48.843731	-86.934298	56052.07	56237.9	12.14	56064.21	56022.35547	56008.26764	55942.12500	504820.6	5410086.4
L4820.0	0.0	0.0	42758.50000	417.06	0	48.843744	-86.934298	56053.39	56237.9	12.14	56065.53	56023.78906	56016.39726	55950.60156	504820.6	5410087.9
L4820.0	0.0	0.0	42758.60156	416.32	0	48.843754	-86.934298	56054.40	56237.9	12.14	56066.54	56024.91406	56016.75350	55951.31250	504820.6	5410089.0
L4820.0	0.0	0.0	42758.69922	416.98	0	48.843771	-86.934298	56055.56	56237.9	12.14	56067.70	56026.19531	56020.47390	55955.39063	504820.6	5410090.9
L4820.0	0.0	0.0	42758.80078	418.32	0	48.843786	-86.934298	56056.37	56237.9	12.14	56068.51	56027.13281	56015.46310	55950.75000	504820.6	5410092.6
L4820.0	0.0	0.0	42758.89844	418.13	0	48.843786	-86.934298	56057.46	56237.9	12.14	56069.60	56028.35156	56016.97288	55952.63672	504820.6	5410092.6
L4820.0	0.0	0.0	42759.00000	417.78	0	48.843800	-86.934298	56058.45	56237.9	12.14	56070.58	56029.46875	56015.57011	55951.62109	504820.6	5410094.1
L4820.0	0.0	0.0	42759.10156	417.42	0	48.843814	-86.934298	56059.43	56237.9	12.14	56071.57	56030.59766	56014.16416	55950.60547	504820.6	5410095.6
L4820.0	0.0	0.0	42759.19922	419.43	0	48.843814	-86.934298	56060.57	56237.9	12.14	56072.71	56031.87891	56016.14850	55952.98828	504820.6	5410095.6
L4820.0	0.0	0.0	42759.30078	416.85	0	48.843828	-86.934298	56061.98	56237.9	12.14	56074.12	56033.43750	56024.43260	55961.67969	504820.6	5410097.2
L4820.0	0.0	0.0	42759.39844	417.15	0	48.843843	-86.934298	56062.95	56237.9	12.14	56075.08	56034.54688	56021.59714	55959.25781	504820.6	5410098.9
L4820.0	0.0	0.0	42759.50000	418.58	0	48.843843	-86.934298	56064.24	56237.9	12.13	56076.38	56036.00391	56026.76634	55964.84766	504820.6	5410098.9
L4820.0	0.0	0.0	42759.60156	416.61	0	48.843843	-86.934298	56065.50	56237.9	12.13	56077.64	56037.42188	56030.74929	55969.25781	504820.6	5410098.9
L4820.0	0.0	0.0	42759.69922	416.81	0	48.843860	-86.934298	56066.34	56237.9	12.13	56078.47	56038.41406	56024.11311	55963.05469	504820.6	5410100.8
L4820.0	0.0	0.0	42759.80078	416.48	0	48.843877	-86.934298	56067.91	56237.9	12.13	56080.04	56040.14844	56035.17849	55974.55859	504820.6	5410102.7
L4820.0	0.0	0.0	42759.89844	416.57	0	48.843887	-86.934298	56068.92	56237.9	12.13	56081.05	56041.32813	56032.48969	55972.31641	504820.6	5410103.8
L4820.0	0.0	0.0	42759.89844	416.57	0	48.843887	-86.934298	56069.93	56237.9	12.13	56082.06	56042.51172	56029.60488	55969.88672	504820.6	5410103.8
L4820.0	0.0	0.0	42760.10156	415.22	0	48.843907	-86.934298	56071.14	56237.9	12.13	56083.28	56043.91016	56031.61185	55972.35156	504820.6	5410105.9
L4820.0	0.0	0.0	42760.19922	415.59	0	48.843918	-86.934298	56072.48	56237.9	12.13	56084.62	56045.42969	56036.33818	55977.54297	504820.6	5410107.2
L4820.0	0.0	0.0	42760.30078	416.37	0	48.843935	-86.934298	56073.72	56237.9	12.13	56085.86	56046.85156	56038.46528	55980.13672	504820.6	5410109.1
L4820.0	0.0	0.0	42760.39844	416.48	0	48.843935	-86.934298	56075.27	56237.9	12.13	56087.40	56048.57813	56047.67925	55989.82813	504820.6	5410109.1
L4820.0	0.0	0.0	42760.50000	417.97	0	48.843950	-86.934298	56076.28	56237.9	12.14	56088.41	56049.77734	56043.89896	55986.53125	504820.6	5410110.8
L4820.0	0.0	0.0	42760.60156	417.44	0	48.843963	-86.934298	56077.42	56237.9	12.14	56089.55	56051.10938	56043.10277	55986.22266	504820.6	5410112.2
L4820.0	0.0	0.0	42760.69922	417.43	0	48.843974	-86.934298	56078.91	56237.9	12.14	56091.04	56052.79688	56050.62063	55994.23047	504820.6	5410113.5
L4820.0	0.0	0.0	42760.80078	417.64	0	48.843974	-86.934298	56080.31	56237.9	12.14	56092.44	56054.39453	56055.80984	55999.91797	504820.6	5410113.5
L4820.0	0.0	0.0	42760.89844	418.62	0	48.843991	-86.934298	56081.29	56237.9	12.14	56093.43	56055.58594	56050.93185	55995.53906	504820.6	5410115.3
L4820.0	0.0	0.0	42761.00000	419.00	0	48.844008	-86.934298	56082.91	56237.9	12.14	56095.05	56057.41016	56061.16143	56006.27734	504820.6	5410117.2
L4820.0	0.0	0.0	42761.10156	418.51	0	48.844008	-86.934298	56084.02	56237.9	12.14	56096.16	56058.72656	56058.91522	56004.54297	504820.6	5410117.2
L4820.0	0.0	0.0	42761.19922	418.26	0	48.844023	-86.934298	56085.26	56237.9	12.14	56097.40	56060.17578	56059.68764	56005.83203	504820.6	5410118.8
L4820.0	0.0	0.0	42761.30078	418.22	0	48.844023	-86.934298	56086.88	56237.9	12.14	56099.02	56062.00781	56069.53470	56016.19922	504820.6	5410118.8
L4820.0	0.0	0.0	42761.39844	419.30	0	48.844039	-86.934297	56088.17	56237.9	12.14	56100.31	56063.51172	56071.27947	56018.46875	504820.6	5410120.6
L4820.0	0.0	0.0	42761.50000	418.70	0	48.844053	-86.934297	56089.64	56237.9	12.15	56101.79	56065.21094	56077.51223	56025.23047	504820.7	5410122.3
L4820.0	0.0	0.0	42761.60156	420.04	0	48.844066	-86.934297	56090.82	56237.9	12.15	56102.97	56066.60938	56076.38028	56024.62891	504820.7	5410123.7
L4820.0	0.0	0.0	42761.69922	418.59	0	48.844066	-86.934297	56091.86	56237.9	12.15	56104.01	56067.87109	56071.76152	56020.54688	504820.7	5410123.7
L4820.0	0.0	0.0	42761.80078	418.73	0	48.844082	-86.934297	56093.07	56237.9	12.15	56105.22	56069.30469	56071.16401	56020.48828	504820.7	5410125.4
L4820.0	0.0	0.0	42761.89844	417.98	0	48.844095	-86.934296	56094.72	56237.9	12.15	56106.87	56071.17969	56081.12777	56030.99609	504820.7	5410126.9
L4820.0	0.0	0.0	42761.89844	417.98	0	48.844095	-86.934296	56095.46	56237.9	12.15	56107.61	56072.14844	56068.98718	56019.40234	504820.7	5410126.9
L4820.0	0.0	0.0	42762.10156	418.93	0	48.844110	-86.934296	56097.38	56237.9	12.15	56109.53	56074.29688	56085.32802	56036.29297	504820.7	5410128.5
L4820.0	0.0	0.0	42762.19922	415.81	0	48.844125	-86.934296	56098.61	56237.9	12.15	56110.76	56075.76172	56084.90012	56036.41797	504820.7	5410130.3
L4820.0	0.0	0.0	42762.30078	412.90	0	48.844137	-86.934296	56100.14	56237.9	12.15	56112.28	56077.51563	56091.42613	56043.49609	504820.7	5410131.5
L4820.0	0.0	0.0	42762.39844	416.17	0	48.844137	-86.934296	56101.30	56237.9	12.15	56113.44	56078.91016	56089.18105	56041.80859	504820.7	5410131.5
L4820.0	0.0	0.0	42762.50000	416.61	0	48.844149	-86.934296	56102.74	56237.9	12.15	56114.88	56080.58594	56093.65912	56046.84766	504820.8	5410132.8
L4820.0	0.0	0.0	42762.60156	416.55	0	48.844149	-86.934296	56104.07	56237.9	12.14	56116.22	56082.16797	56095.66956	56049.42188	504820.8	5410132.8
L4820.0	0.0	0.0	42762.69922	415.75	0	48.844178	-86.934295	56105.18	56237.9	12.14	56117.32	56083.50781	56091.82978	56046.14844	504820.8	5410136.1
L4820.0	0.0	0.0	42762.80078	416.55	0	48.844178	-86.934295	56107.01	56237.9	12.14	56119.15	56085.58203	56105.62026	56060.50391	504820.8	5410136.1
L4820.0	0.0	0.0	42762.89844	415.02	0	48.844193	-86.934295	56107.78	56237.9	12.14	56119.92	56086.59375	56093.72670	56049.17969	504820.8	5410137.8
L4820.0	0.0	0.0	42763.00000	417.03	0	48.844205	-86.934295	56109.46	56237.9	12.14	56121.60	56088.51953	56103.83050	56059.85547	504820.8	5410139.1
L4820.0	0.0	0.0	42763.10156	417.50	0	48.844218	-86.934295	56110.73	56237.9	12.14	56122.87	56090.03906	56103.99175	56060.58984	504820.8	5410140.6
L4820.0	0.0	0.0	42763.19922	416.91	0	48.844218	-86.934295	56111.84	56237.9	12.14	56123.98	56091.39844	56100.26603	56057.43750	504820.8	5410140.6
L4820.0	0.0	0.0	42763.30078	417.99	0	48.844234	-86.934295	56113.59	56237.9	12.14	56125.73	56093.39844	56112.01943	56069.76172	504820.8	5410142.4
L4820.0	0.0	0.0	42763.39844	417.12	0	48.844246	-86.934295	56114.35	56237.9	12.14	56126.49	56094.41016	56099.80959	56058.12891	504820.8	5410143.7
L4820.0	0.0	0.0	42763.50000	417.21	0	48.844246	-86.934295	56116.20	56237.9	12.14	56128.33	56096.50000	56113.73774	56072.63672	504820.8	5410143.7
L4820.0	0.0	0.0	42763.60156	418.14	0	48.844263	-86.934295	56117.38	56237.9	12.14	56129.52	56097.94531	56111.94131	56071.41797	504820.8	5410145.6
L4820.0	0.0	0.0	42763.69922	416.83	0	48.844276	-86.934295	56118.74	56237.9	12.14	56130.88	56099.55859	56114.27016	56074.32422	504820.8	5410147.0
L4820.0	0.0	0.0	42763.80078	416.24	0	48.844276	-86.934295	56120.17	56237.9	12.14	56132.31	56101.24609	56118.30921	56078.94141	504820.8	5410147.0
L4820.0	0.0	0.0	42763.89844	416.34	0	48.844292	-86.934295	56121.82	56237.9	12.14	56133.96	56103.15234	56127.69354	56088.90234	504820.8	5410148.8
L4820.0	0.0	0.0	42763.89844	416.34	0	48.844305	-86.934295	56122.88	56237.9	12.14	56135.01	56104.46094	56122.58321	56084.37500	504820.8	5410150.2
L4820.0	0.0	0.0	42764.10156	414.52	0	48.844305	-86.934295	56124.48	56237.9	12.14	56136.62	56106.32813	56131.05617	56093.42578	504820.8	5410150.2
L4820.0	0.0	0.0	42764.19922	415.29	0	48.844318	-86.934295	56125.58	56237.9	12.14	56137.71	56107.67969	56126.98006	56089.92969	504820.8	5410151.7
L4820.0	0.0	0.0	42764.30078	417.19	0	48.844331	-86.934295	56126.88	56237.9	12.13	56139.01	56109.23828	56128.02626	56091.55469	504820.8	5410153.2
L4820.0	0.0	0.0	42764.39844	415.93	0	48.844347	-86.934295	56128.56	56237.9	12.13	56140.70	56111.19141	56138.55551	56102.66016	504820.8	5410154.8
L4820.0	0.0	0.0	42764.50000	414.48	0	48.844347	-86.934295	56129.53	56237.9	12.13	56141.66	56112.41016	56131.46719	56096.15234	504820.8	5410154.8
L4820.0	0.0	0.0	42764.60156	413.81	0	48.844365	-86.934295	56130.84	56237.9	12.13	56142.97	56113.98438	56132.90277	56098.16406	504820.8	5410156.9
L4820.0	0.0	0.0	42764.69922	414.13	0	48.844365	-86.934295	56132.22	56237.9	12.13	56144.35	56115.62500	56136.09028	56101.92969	504820.8	5410156.9
L4820.0	0.0	0.0	42764.80078	414.24	0	48.844378	-86.934295	56133.71	56237.9	12.12	56145.83	56117.37109	56141.75998	56108.17188	504820.8	5410158.4
L4820.0	0.0	0.0	42764.89844	414.15	0	48.844388	-86.934294	56134.51	56237.9	12.12	56146.63	56118.43359	56131.03924	56098.02734	504820.8	5410159.5
L4820.0	0.0	0.0	42765.00000	414.72	0	48.844403	-86.934294	56136.00	56237.9	12.12	56148.12	56120.18750	56137.08747	56104.64844	504820.8	5410161.1
L4820.0	0.0	0.0	42765.10156	416.09	0	48.844417	-86.934294	56137.39	56237.9	12.12	56149.51	56121.84375	56140.78982	56108.92188	504820.8	5410162.6
L4820.0	0.0	0.0	42765.19922	416.71	0	48.844417	-86.934294	56138.78	56237.9	12.12	56150.90	56123.49609	56144.57027	56113.27344	504820.8	5410162.6
L4820.0	0.0	0.0	42765.30078	416.15	0	48.844432	-86.934294	56140.38	56237.9	12.12	56152.50	56125.36328	56153.51478	56122.78516	504820.8	5410164.4
L4820.0	0.0	0.0	42765.39844	417.38	0	48.844447	-86.934294	56141.42	56237.9	12.12	56153.54	56126.66797	56148.99225	56118.82813	504820.8	5410166.0
L4820.0	0.0	0.0	42765.50000	418.83	0	48.844447	-86.934294	56143.08	56237.9	12.12	56155.20	56128.59375	56159.56342	56129.96484	504820.8	5410166.0
L4820.0	0.0	0.0	42765.60156	419.03	0	48.844461	-86.934294	56144.24	56237.9	12.12	56156.36	56130.01953	56158.12666	56129.08984	504820.8	5410167.6
L4820.0	0.0	0.0	42765.69922	418.93	0	48.844472	-86.934294	56145.54	56237.9	12.12	56157.66	56131.58203	56160.17395	56131.69922	504820.8	5410168.8
L4820.0	0.0	0.0	42765.80078	418.75	0	48.844488	-86.934295	56146.70	56237.9	12.12	56158.82	56133.00781	56158.93228	56131.01563	504820.8	5410170.5
L4820.0	0.0	0.0	42765.89844	417.45	0	48.844488	-86.934295	56148.16	56237.9	12.12	56160.28	56134.73438	56165.05326	56137.69141	504820.8	5410170.5
L4820.0	0.0	0.0	42765.89844	417.45	0	48.844503	-86.934295	56149.13	56237.9	12.12	56161.25	56135.96875	56159.42116	56132.61328	504820.8	5410172.2
L4820.0	0.0	0.0	42766.10156	415.97	0	48.844520	-86.934295	56150.72	56237.9	12.12	56162.84	56137.82422	56168.90204	56142.64453	504820.8	5410174.1
L4820.0	0.0	0.0	42766.19922	417.67	0	48.844533	-86.934295	56152.04	56237.9	12.12	56164.16	56139.41016	56171.95987	56146.25000	504820.8	5410175.6
L4820.0	0.0	0.0	42766.30078	416.73	0	48.844533	-86.934295	56153.02	56237.9	12.12	56165.14	56140.65625	56166.90332	56141.73828	504820.8	5410175.6
L4820.0	0.0	0.0	42766.39844	418.47	0	48.844549	-86.934295	56154.43	56237.9	12.12	56166.55	56142.32813	56172.36981	56147.74609	504820.7	5410177.3
L4820.0	0.0	0.0	42766.50000	417.49	0	48.844562	-86.934295	56155.65	56237.9	12.12	56167.77	56143.81250	56173.35727	56149.27344	504820.7	5410178.8
L4820.0	0.0	0.0	42766.60156	417.64	0	48.844562	-86.934295	56156.74	56237.9	12.12	56168.86	56145.16797	56171.32018	56147.77344	504820.7	5410178.8
L4820.0	0.0	0.0	42766.69922	417.24	0	48.844578	-86.934295	56157.81	56237.9	12.12	56169.93	56146.50000	56168.92299	56145.90625	504820.7	5410180.6
L4820.0	0.0	0.0	42766.80078	415.61	0	48.844591	-86.934295	56159.47	56237.9	12.12	56171.59	56148.42188	56180.93054	56158.44141	504820.7	5410182.0

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4820.0	0.0	0.0	42766.89844	416.13	0	48.844591	-86.934295	56160.56	56237.9	12.12	56172.68	56149.77344	56179.27179	56157.30859	504820.7	5410182.0
L4820.0	0.0	0.0	42767.00000	418.02	0	48.844604	-86.934296	56161.53	56237.9	12.12	56173.65	56151.00391	56174.83923	56153.39844	504820.7	5410183.5
L4820.0	0.0	0.0	42767.10156	416.78	0	48.844620	-86.934296	56162.75	56237.9	12.12	56174.87	56152.48438	56176.58913	56155.66797	504820.7	5410185.2
L4820.0	0.0	0.0	42767.19922	416.00	0	48.844634	-86.934296	56164.08	56237.9	12.12	56176.20	56154.07422	56181.13518	56160.72656	504820.7	5410186.8
L4820.0	0.0	0.0	42767.30078	414.79	0	48.844634	-86.934296	56165.52	56237.9	12.12	56177.64	56155.77344	56188.47909	56168.57813	504820.7	5410186.8
L4820.0	0.0	0.0	42767.39844	415.98	0	48.844654	-86.934296	56166.46	56237.9	12.12	56178.57	56156.96484	56183.61787	56164.22266	504820.7	5410189.0
L4820.0	0.0	0.0	42767.50000	414.98	0	48.844669	-86.934296	56168.02	56237.9	12.12	56180.14	56158.78906	56194.38419	56175.49219	504820.7	5410190.6
L4820.0	0.0	0.0	42767.60156	415.06	0	48.844677	-86.934296	56169.04	56237.9	12.11	56181.15	56160.05859	56191.73826	56173.34375	504820.7	5410191.6
L4820.0	0.0	0.0	42767.69922	415.39	0	48.844677	-86.934296	56169.77	56237.9	12.11	56181.89	56161.05469	56182.69971	56164.79688	504820.7	5410191.6
L4820.0	0.0	0.0	42767.80078	416.24	0	48.844691	-86.934296	56171.11	56237.9	12.11	56183.22	56162.63672	56188.08261	56170.66797	504820.7	5410193.1
L4820.0	0.0	0.0	42767.89844	416.92	0	48.844704	-86.934296	56172.49	56237.9	12.11	56184.60	56164.26953	56194.81955	56177.89063	504820.7	5410194.6
L4820.0	0.0	0.0	42767.89844	416.92	0	48.844717	-86.934296	56173.55	56237.9	12.11	56185.66	56165.58203	56193.95722	56177.50781	504820.7	5410196.0
L4820.0	0.0	0.0	42768.10156	417.34	0	48.844730	-86.934296	56174.87	56237.9	12.11	56186.98	56167.15625	56199.53314	56183.55859	504820.7	5410197.5
L4820.0	0.0	0.0	42768.19922	415.99	0	48.844730	-86.934296	56176.10	56237.9	12.11	56188.21	56168.63672	56203.07780	56187.57031	504820.7	5410197.5
L4820.0	0.0	0.0	42768.30078	416.67	0	48.844745	-86.934296	56177.03	56237.9	12.11	56189.14	56169.81250	56199.50977	56184.46875	504820.6	5410199.1
L4820.0	0.0	0.0	42768.39844	417.07	0	48.844759	-86.934297	56178.04	56237.9	12.11	56190.16	56171.08203	56198.26810	56183.68750	504820.6	5410200.7
L4820.0	0.0	0.0	42768.50000	419.58	0	48.844776	-86.934297	56179.58	56237.9	12.11	56191.69	56172.85938	56209.51781	56195.39063	504820.6	5410202.6
L4820.0	0.0	0.0	42768.60156	416.46	0	48.844776	-86.934297	56180.52	56237.9	12.12	56192.64	56174.05469	56206.88032	56193.20313	504820.6	5410202.6
L4820.0	0.0	0.0	42768.69922	417.12	0	48.844789	-86.934297	56181.50	56237.9	12.12	56193.62	56175.27734	56205.11864	56191.88672	504820.6	5410204.0
L4820.0	0.0	0.0	42768.80078	416.88	0	48.844806	-86.934298	56182.57	56237.9	12.12	56194.68	56176.57813	56205.44316	56192.65234	504820.5	5410205.9
L4820.0	0.0	0.0	42768.89844	418.03	0	48.844806	-86.934298	56183.48	56237.9	12.12	56195.60	56177.73828	56202.52991	56190.17188	504820.5	5410205.9
L4820.0	0.0	0.0	42769.00000	419.06	0	48.844822	-86.934298	56184.75	56237.9	12.12	56196.87	56179.25000	56208.23756	56196.30859	504820.5	5410207.7
L4820.0	0.0	0.0	42769.10156	419.65	0	48.844841	-86.934298	56186.07	56237.9	12.12	56198.20	56180.81641	56215.54791	56204.04297	504820.5	5410209.8
L4820.0	0.0	0.0	42769.19922	419.48	0	48.844841	-86.934298	56187.23	56237.9	12.12	56199.35	56182.20313	56218.65273	56207.56250	504820.5	5410209.8
L4820.0	0.0	0.0	42769.30078	418.74	0	48.844856	-86.934299	56188.13	56237.9	12.12	56200.26	56183.34766	56216.09991	56205.42188	504820.5	5410211.5
L4820.0	0.0	0.0	42769.39844	416.76	0	48.844856	-86.934299	56189.07	56237.9	12.12	56201.19	56184.50781	56214.18158	56203.91016	504820.5	5410211.5
L4820.0	0.0	0.0	42769.50000	417.17	0	48.844877	-86.934299	56189.91	56237.9	12.13	56202.03	56185.58203	56210.23541	56200.36719	504820.5	5410213.8
L4820.0	0.0	0.0	42769.60156	417.50	0	48.844890	-86.934299	56190.96	56237.9	12.13	56203.09	56186.87109	56211.76343	56202.28906	504820.5	5410215.3
L4820.0	0.0	0.0	42769.69922	416.40	0	48.844890	-86.934299	56192.09	56237.9	12.13	56204.22	56188.22656	56215.13516	56206.05078	504820.5	5410215.3
L4820.0	0.0	0.0	42769.80078	415.57	0	48.844904	-86.934299	56193.22	56237.9	12.13	56205.35	56189.58203	56218.65610	56209.95703	504820.5	5410216.8
L4820.0	0.0	0.0	42769.89844	416.17	0	48.844919	-86.934299	56194.66	56237.9	12.13	56206.79	56191.24609	56229.82808	56221.50391	504820.5	5410218.5
L4820.0	0.0	0.0	42769.89844	416.17	0	48.844935	-86.934299	56195.23	56237.9	12.13	56207.36	56192.03906	56220.09339	56212.14453	504820.5	5410220.3
L4820.0	0.0	0.0	42770.00000	416.54	0	48.844935	-86.934299	56196.26	56237.9	12.13	56208.39	56193.28906	56221.63873	56214.05469	504820.5	5410220.3
L4820.0	0.0	0.0	42770.10156	416.00	0	48.844951	-86.934299	56197.42	56237.9	12.13	56209.55	56194.66406	56226.47712	56219.25391	504820.5	5410222.0
L4820.0	0.0	0.0	42770.19922	415.25	0	48.844962	-86.934298	56198.37	56237.9	12.13	56210.50	56195.83203	56226.37947	56219.50781	504820.5	5410223.2
L4820.0	0.0	0.0	42770.30078	414.86	0	48.844962	-86.934298	56199.35	56237.9	12.13	56211.48	56197.02344	56227.15325	56220.63281	504820.5	5410223.2
L4820.0	0.0	0.0	42770.39844	416.08	0	48.844978	-86.934298	56200.62	56237.9	12.13	56212.75	56198.50781	56235.08986	56228.91016	504820.5	5410225.0
L4820.0	0.0	0.0	42770.60156	415.84	0	48.844993	-86.934298	56201.34	56237.9	12.13	56213.47	56199.43750	56229.85958	56224.01563	504820.5	5410226.7
L4820.0	0.0	0.0	42770.69922	417.93	0	48.844993	-86.934298	56201.94	56237.9	12.13	56214.07	56200.24219	56221.86787	56216.35156	504820.5	5410226.7
L4820.0	0.0	0.0	42770.80078	417.36	0	48.845011	-86.934298	56203.39	56237.9	12.13	56215.52	56201.89844	56234.58870	56229.39844	504820.5	5410228.7
L4820.0	0.0	0.0	42770.89844	414.79	0	48.845025	-86.934298	56204.20	56237.9	12.13	56216.33	56202.91406	56231.96153	56227.08984	504820.5	5410230.2
L4820.0	0.0	0.0	42771.00000	415.73	0	48.845025	-86.934298	56205.00	56237.9	12.13	56217.13	56203.91406	56229.23189	56224.66797	504820.5	5410230.2
L4820.0	0.0	0.0	42771.10156	416.77	0	48.845040	-86.934298	56205.94	56237.9	12.13	56218.07	56205.05078	56230.02877	56225.77344	504820.5	5410232.0
L4820.0	0.0	0.0	42771.19922	416.43	0	48.845054	-86.934297	56207.13	56237.9	12.13	56219.26	56206.43750	56237.01310	56233.05469	504820.6	5410233.5
L4820.0	0.0	0.0	42771.30078	415.00	0	48.845067	-86.934297	56207.72	56237.9	12.14	56219.85	56207.22266	56229.61280	56225.94922	504820.6	5410234.9
L4820.0	0.0	0.0	42771.39844	415.76	0	48.845081	-86.934297	56208.88	56237.9	12.14	56221.02	56208.58594	56236.38376	56233.00781	504820.6	5410236.5
L4820.0	0.0	0.0	42771.50000	417.20	0	48.845081	-86.934297	56209.88	56237.9	12.14	56222.02	56209.77344	56239.17393	56236.07813	504820.6	5410236.5
L4820.0	0.0	0.0	42771.60156	418.33	0	48.845099	-86.934296	56210.53	56237.9	12.14	56222.67	56210.60938	56233.62578	56230.80469	504820.6	5410238.5
L4820.0	0.0	0.0	42771.69922	416.85	0	48.845099	-86.934296	56211.68	56237.9	12.14	56223.83	56211.95703	56240.55076	56237.99609	504820.6	5410238.5
L4820.0	0.0	0.0	42771.80078	418.67	0	48.845115	-86.934296	56212.38	56237.9	12.15	56224.53	56212.83984	56236.47250	56234.17969	504820.6	5410240.2
L4820.0	0.0	0.0	42771.89844	419.70	0	48.845126	-86.934296	56213.14	56237.9	12.15	56225.29	56213.77734	56233.97407	56231.93750	504820.7	5410241.4
L4820.0	0.0	0.0	42771.89844	419.70	0	48.845141	-86.934295	56214.04	56237.9	12.15	56226.18	56214.84766	56234.74804	56232.96094	504820.7	5410243.2
L4820.0	0.0	0.0	42772.10156	418.39	0	48.845141	-86.934295	56215.37	56237.8	12.15	56227.52	56216.36328	56246.53723	56244.99219	504820.7	5410243.2
L4820.0	0.0	0.0	42772.19922	418.38	0	48.845156	-86.934295	56215.86	56237.8	12.15	56228.01	56217.02344	56237.87882	56236.57422	504820.7	5410244.8
L4820.0	0.0	0.0	42772.30078	417.38	0	48.845171	-86.934295	56216.76	56237.8	12.15	56228.91	56218.09375	56239.26449	56238.19141	504820.7	5410246.5
L4820.0	0.0	0.0	42772.39844	416.76	0	48.845189	-86.934295	56217.93	56237.8	12.15	56230.08	56219.43359	56247.30452	56246.45703	504820.7	5410248.5
L4820.0	0.0	0.0	42772.50000	417.10	0	48.845189	-86.934295	56218.38	56237.8	12.15	56230.53	56220.05078	56238.03832	56237.41016	504820.7	5410248.5
L4820.0	0.0	0.0	42772.60156	418.18	0	48.845202	-86.934294	56219.88	56237.8	12.15	56232.03	56221.71094	56254.30004	56253.88281	504820.7	5410249.9
L4820.0	0.0	0.0	42772.69922	417.93	0	48.845215	-86.934294	56220.31	56237.8	12.15	56232.46	56222.30469	56244.78193	56244.57422	504820.8	5410251.3
L4820.0	0.0	0.0	42772.80078	417.86	0	48.845215	-86.934294	56221.15	56237.8	12.15	56233.30	56223.30078	56245.29981	56245.29297	504820.8	5410251.3
L4820.0	0.0	0.0	42772.89844	416.74	0	48.845233	-86.934294	56221.95	56237.8	12.15	56234.10	56224.25781	56244.96157	56245.15234	504820.8	5410253.4
L4820.0	0.0	0.0	42773.00000	418.03	0	48.845246	-86.934294	56222.71	56237.8	12.15	56234.86	56225.17188	56243.76553	56244.14453	504820.8	5410254.8
L4820.0	0.0	0.0	42773.10156	420.64	0	48.845246	-86.934294	56223.55	56237.8	12.15	56235.70	56226.16016	56244.61412	56245.17969	504820.8	5410254.8
L4820.0	0.0	0.0	42773.19922	419.78	0	48.845259	-86.934293	56224.62	56237.8	12.15	56236.78	56227.39063	56251.37782	56252.12109	504820.8	5410256.3
L4820.0	0.0	0.0	42773.30078	418.60	0	48.845273	-86.934293	56225.34	56237.8	12.16	56237.50	56228.25391	56249.53432	56250.44922	504820.8	5410257.8
L4820.0	0.0	0.0	42773.39844	419.28	0	48.845286	-86.934293	56226.03	56237.8	12.16	56238.19	56229.08984	56247.06827	56248.15234	504820.9	5410259.3
L4820.0	0.0	0.0	42773.50000	418.59	0	48.845286	-86.934293	56227.23	56237.8	12.16	56239.39	56230.42969	56257.04649	56258.28906	504820.9	5410259.3
L4820.0	0.0	0.0	42773.60156	417.29	0	48.845301	-86.934292	56227.52	56237.8	12.16	56239.68	56230.85938	56245.10187	56246.50000	504820.9	5410260.9
L4820.0	0.0	0.0	42773.69922	416.08	0	48.845301	-86.934292	56229.05	56237.8	12.16	56241.21	56232.52344	56263.26483	56264.81641	504820.9	5410260.9
L4820.0	0.0	0.0	42773.80078	415.61	0	48.845317	-86.934292	56229.42	56237.8	12.17	56241.58	56233.02734	56253.45132	56255.14453	504820.9	5410262.7
L4820.0	0.0	0.0	42773.89844	413.65	0	48.845334	-86.934292	56230.65	56237.8	12.17	56242.82	56234.39844	56264.78765	56266.62109	504820.9	5410264.6
L4820.0	0.0	0.0	42773.89844	413.65	0	48.845346	-86.934291	56231.20	56237.8	12.17	56243.37	56235.07813	56259.51858	56261.48828	504821.0	5410266.0
L4820.0	0.0	0.0	42774.10156	415.36	0	48.845362	-86.934291	56231.89	56237.8	12.17	56244.07	56235.90625	56257.97127	56260.06641	504821.0	5410267.7
L4820.0	0.0	0.0	42774.19922	417.16	0	48.845362	-86.934291	56232.95	56237.8	12.17	56245.12	56237.07813	56264.98426	56267.20703	504821.0	5410267.7
L4820.0	0.0	0.0	42774.30078	414.48	0	48.845375	-86.934291	56233.61	56237.8	12.17	56245.78	56237.86328	56262.64715	56264.98828	504821.0	5410269.2
L4820.0	0.0	0.0	42774.39844	414.12	0	48.845387	-86.934291	56234.78	56237.8	12.17	56246.95	56239.15234	56272.73919	56275.19141	504821.0	5410270.5
L4820.0	0.0	0.0	42774.50000	414.60	0	48.845387	-86.934291	56234.96	56237.8	12.18	56247.13	56239.44922	56258.95727	56261.51953	504821.0	5410270.5
L4820.0	0.0	0.0	42774.60156	416.31	0	48.845402	-86.934290	56236.01	56237.8	12.18	56248.19	56240.62109	56266.55563	56269.21875	504821.0	5410272.2
L4820.0	0.0	0.0	42774.69922	416.75	0	48.845402	-86.934290	56236.59	56237.8	12.18	56248.77	56241.31641	56262.61931	56265.38281	504821.0	5410272.2
L4820.0	0.0	0.0	42774.80078	416.25	0	48.845418	-86.934290	56237.31	56237.8	12.18	56249.49	56242.14453	56262.15137	56265.00781	504821.0	5410274.0
L4820.0	0.0	0.0	42774.89844	416.78	0	48.845434	-86.934290	56238.22	56237.8	12.18	56250.40	56243.16406	56266.36028	56269.30859	504821.1	5410275.7
L4820.0	0.0	0.0	42775.00000	416.52	0	48.845447	-86.934290	56238.84	56237.8	12.18	56251.02	56243.89063	56263.62803	56266.66016	504821.1	5410277.1
L4820.0	0.0	0.0	42775.10156	418.58	0	48.845447	-86.934290	56239.81	56237.8	12.18	56251.99	56244.96094	56269.44173	56272.55469	504821.1	5410277.1
L4820.0	0.0	0.0	42775.19922	419.20	0	48.845462	-86.934289	56240.37	56237.8	12.18	56252.55	56245.62500	56265.40714	56268.59375	504821.1	5410278.9
L4820.0	0.0	0.0	42775.30078	420.36	0	48.845462	-86.934289	56240.96	56237.8	12.18	56253.14	56246.31250	56262.17120	56265.42969	504821.1	5410278.9
L4820.0	0.0	0.0	42775.39844	420.28	0	48.845498	-86.934289	56242.15	56237.8	12.18	56254.33	56247.60156	56273.52704	56276.85156	504821.1	5410282.8
L4820.0	0.0	0.0	42775.50000	420.86	0	48.845498	-86.934289	56242.72	56237.8	12.19	56254.90	56248.26563	56269.94802	56273.33594	504821.1	5410282.8
L4820.0	0.0	0.0	42775.60156	421.19	0	48.845510	-86.934289	56243.46	56237.8	12.19	56255.65	56249.10547	56270.79352	56274.23828	504821.1	5410284.2
L4820.0	0.0	0.0	42775.69922	418.90	0	48.845526	-86.934289	56244.42	56237.8	12.19	56256.61	56250.15625	56276.78819	56280.28906	504821.1	5410285.9
L4820.0	0.0	0.0	42775.80078	416.57	0	48.845537	-86.934289	56244.61	56237.8	12.19	56256.80	56250.43750	56264.21371	56267.76563	504821.1	5410287.2
L4820.0	0.0	0.0	42775.89844	419.05	0	48.845548	-86.934288	56245.54	56237.8	12.19	56257.73	56251.45313	56269.61225	56273.21094	504821.2	5410288.4
L4820.0	0.0	0.0	42775.89844	419.05	0	48.845548	-86.934288	56246.09	56237.8	12.19	56258.28	56252.08984	56265.87740	56269.51953	504821.2	5410288.4
L4820.0	0.0	0.0	42776.10156	418.85	0	48.845562	-86.934288	56247.08	56237.8	12.19	56259.27	56253.16016	56272.85269	56276.53125	504821.2	5410289.9

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4820.0	0.0	0.0	42776.19922	419.33	0	48.845562	-86.934288	56247.65	56237.8	12.19	56259.84	56253.81250	56269.72402	56273.43750	504821.2	5410289.9
L4820.0	0.0	0.0	42776.30078	418.78	0	48.845579	-86.934288	56248.28	56237.8	12.19	56260.47	56254.51953	56268.10666	56271.85547	504821.2	5410291.8
L4820.0	0.0	0.0	42776.39844	418.13	0	48.845593	-86.934288	56249.15	56237.8	12.19	56261.34	56255.46875	56272.35557	56276.13281	504821.2	5410293.4
L4820.0	0.0	0.0	42776.50000	418.63	0	48.845605	-86.934287	56249.96	56237.8	12.19	56262.15	56256.35156	56275.20930	56279.00781	504821.2	5410294.7
L4820.0	0.0	0.0	42776.60156	418.06	0	48.845615	-86.934287	56250.81	56237.8	12.20	56263.00	56257.27734	56279.08680	56282.91016	504821.2	5410295.9
L4820.0	0.0	0.0	42776.69922	418.28	0	48.845615	-86.934287	56251.22	56237.8	12.20	56263.42	56257.76563	56272.61249	56276.45313	504821.2	5410295.9
L4820.0	0.0	0.0	42776.80078	418.46	0	48.845631	-86.934287	56251.80	56237.8	12.20	56264.00	56258.41797	56270.06388	56273.92188	504821.2	5410297.7
L4820.0	0.0	0.0	42776.89844	417.63	0	48.845647	-86.934287	56252.59	56237.8	12.20	56264.79	56259.27734	56272.64995	56276.51953	504821.2	5410299.4
L4820.0	0.0	0.0	42777.00000	415.93	0	48.845659	-86.934287	56253.46	56237.8	12.20	56265.66	56260.21094	56277.22354	56281.10156	504821.3	5410300.7
L4820.0	0.0	0.0	42777.10156	414.96	0	48.845659	-86.934287	56254.00	56237.8	12.20	56266.20	56260.81641	56273.86123	56277.74609	504821.3	5410300.7
L4820.0	0.0	0.0	42777.19922	417.13	0	48.845672	-86.934287	56254.66	56237.8	12.21	56266.87	56261.55078	56273.69449	56277.58203	504821.3	5410302.2
L4820.0	0.0	0.0	42777.30078	417.56	0	48.845683	-86.934287	56255.27	56237.8	12.21	56267.48	56262.22266	56272.12419	56276.01563	504821.3	5410303.4
L4820.0	0.0	0.0	42777.39844	416.10	0	48.845683	-86.934287	56256.25	56237.8	12.21	56268.46	56263.26172	56279.55581	56283.44531	504821.3	5410303.4
L4820.0	0.0	0.0	42777.50000	415.65	0	48.845701	-86.934286	56257.24	56237.8	12.22	56269.45	56264.31250	56287.27609	56291.16016	504821.3	5410305.5
L4820.0	0.0	0.0	42777.60156	415.34	0	48.845715	-86.934286	56257.67	56237.8	12.22	56269.89	56264.80859	56281.73160	56285.60938	504821.3	5410306.9
L4820.0	0.0	0.0	42777.69922	415.73	0	48.845715	-86.934286	56258.29	56237.8	12.22	56270.51	56265.48438	56280.58820	56284.46094	504821.3	5410306.9
L4820.0	0.0	0.0	42777.80078	417.50	0	48.845732	-86.934286	56259.07	56237.8	12.22	56271.29	56266.32031	56283.36103	56287.22266	504821.3	5410308.9
L4820.0	0.0	0.0	42777.89844	416.89	0	48.845748	-86.934286	56259.59	56237.8	12.23	56271.81	56266.89453	56279.88488	56283.73438	504821.3	5410310.7
L4820.0	0.0	0.0	42777.89844	416.89	0	48.845764	-86.934286	56260.10	56237.8	12.23	56272.33	56267.46484	56276.45119	56280.28516	504821.3	5410312.4
L4820.0	0.0	0.0	42778.10156	416.56	0	48.845764	-86.934286	56261.09	56237.8	12.23	56273.32	56268.50781	56284.43369	56288.25000	504821.3	5410312.4
L4820.0	0.0	0.0	42778.19922	416.87	0	48.845778	-86.934286	56261.84	56237.8	12.23	56274.07	56269.30469	56286.64892	56290.44922	504821.3	5410314.0
L4820.0	0.0	0.0	42778.30078	417.79	0	48.845791	-86.934286	56262.29	56237.8	12.23	56274.52	56269.80469	56281.64409	56285.42578	504821.3	5410315.5
L4820.0	0.0	0.0	42778.39844	417.24	0	48.845805	-86.934286	56263.23	56237.8	12.23	56275.46	56270.79297	56288.53730	56292.29688	504821.3	5410317.0
L4820.0	0.0	0.0	42778.50000	417.16	0	48.845819	-86.934286	56263.90	56237.8	12.23	56276.13	56271.50781	56288.93512	56292.66797	504821.3	5410318.5
L4820.0	0.0	0.0	42778.60156	416.47	0	48.845819	-86.934286	56264.59	56237.8	12.23	56276.82	56272.24219	56289.85516	56293.56641	504821.3	5410318.5
L4820.0	0.0	0.0	42778.69922	416.95	0	48.845839	-86.934286	56265.07	56237.8	12.23	56277.30	56272.76563	56285.73057	56289.41406	504821.3	5410320.7
L4820.0	0.0	0.0	42778.80078	416.40	0	48.845851	-86.934286	56266.12	56237.8	12.23	56278.35	56273.85938	56295.43751	56299.09375	504821.3	5410322.0
L4820.0	0.0	0.0	42778.89844	416.93	0	48.845864	-86.934286	56266.41	56237.8	12.23	56278.64	56274.19141	56286.78806	56290.41797	504821.3	5410323.5
L4820.0	0.0	0.0	42779.00000	417.88	0	48.845864	-86.934286	56267.34	56237.8	12.23	56279.57	56275.16406	56293.66302	56297.26172	504821.3	5410323.5
L4820.0	0.0	0.0	42779.10156	418.49	0	48.845880	-86.934286	56267.96	56237.8	12.23	56280.19	56275.82422	56293.07092	56296.64063	504821.3	5410325.3
L4820.0	0.0	0.0	42779.19922	417.89	0	48.845880	-86.934286	56268.52	56237.8	12.23	56280.75	56276.42188	56291.06145	56294.59766	504821.3	5410325.3
L4820.0	0.0	0.0	42779.30078	416.19	0	48.845893	-86.934286	56269.21	56237.8	12.23	56281.43	56277.14063	56291.99028	56295.49609	504821.3	5410326.8
L4820.0	0.0	0.0	42779.39844	412.55	0	48.845907	-86.934286	56270.06	56237.8	12.23	56282.28	56278.02734	56297.06695	56300.53906	504821.3	5410328.3
L4820.0	0.0	0.0	42779.50000	414.83	0	48.845907	-86.934286	56270.50	56237.8	12.22	56282.73	56278.51563	56292.49645	56295.93359	504821.3	5410328.3
L4820.0	0.0	0.0	42779.60156	414.61	0	48.845921	-86.934287	56271.45	56237.8	12.22	56283.68	56279.50000	56300.05918	56303.46094	504821.3	5410329.9
L4820.0	0.0	0.0	42779.69922	413.86	0	48.845938	-86.934287	56272.02	56237.8	12.22	56284.24	56280.09766	56298.21584	56301.58594	504821.2	5410331.8
L4820.0	0.0	0.0	42779.80078	413.97	0	48.845951	-86.934287	56272.64	56237.8	12.22	56284.86	56280.75391	56297.85645	56301.19141	504821.2	5410333.2
L4820.0	0.0	0.0	42779.89844	414.41	0	48.845951	-86.934287	56273.16	56237.8	12.22	56285.38	56281.30469	56295.10846	56298.40625	504821.2	5410333.2
L4820.0	0.0	0.0	42779.89844	414.41	0	48.845966	-86.934287	56273.63	56237.8	12.22	56285.85	56281.80859	56291.18153	56294.44531	504821.2	5410334.9
L4820.0	0.0	0.0	42780.10156	415.87	0	48.845984	-86.934288	56274.70	56237.8	12.22	56286.91	56282.90234	56301.56395	56304.78906	504821.2	5410336.8
L4820.0	0.0	0.0	42780.19922	416.59	0	48.845996	-86.934288	56275.07	56237.8	12.22	56287.29	56283.31641	56295.52012	56298.71094	504821.1	5410338.2
L4820.0	0.0	0.0	42780.30078	418.81	0	48.845996	-86.934288	56275.74	56237.8	12.22	56287.96	56284.01563	56296.52467	56299.67969	504821.1	5410338.2
L4820.0	0.0	0.0	42780.39844	417.51	0	48.846010	-86.934288	56276.66	56237.8	12.22	56288.88	56284.96875	56303.60928	56306.72656	504821.1	5410339.8
L4820.0	0.0	0.0	42780.50000	419.77	0	48.846023	-86.934289	56277.17	56237.8	12.21	56289.39	56285.51172	56300.80102	56303.88281	504821.1	5410341.2
L4820.0	0.0	0.0	42780.60156	419.53	0	48.846023	-86.934289	56277.68	56237.8	12.21	56289.89	56286.03906	56297.78002	56300.82813	504821.1	5410341.2
L4820.0	0.0	0.0	42780.69922	419.50	0	48.846041	-86.934289	56278.49	56237.8	12.21	56290.71	56286.89063	56302.53239	56305.54297	504821.1	5410343.2
L4820.0	0.0	0.0	42780.80078	417.60	0	48.846055	-86.934289	56278.96	56237.8	12.21	56291.17	56287.38281	56298.60122	56301.57813	504821.1	5410344.7
L4820.0	0.0	0.0	42780.89844	417.44	0	48.846068	-86.934289	56279.95	56237.8	12.21	56292.16	56288.40234	56307.52522	56310.46875	504821.0	5410346.2
L4820.0	0.0	0.0	42781.00000	418.74	0	48.846068	-86.934289	56280.79	56237.8	12.21	56293.00	56289.26953	56312.84755	56315.75391	504821.0	5410346.2
L4820.0	0.0	0.0	42781.10156	418.95	0	48.846084	-86.934289	56280.97	56237.8	12.21	56293.18	56289.48047	56302.22555	56305.09766	504821.0	5410348.0
L4820.0	0.0	0.0	42781.19922	415.72	0	48.846102	-86.934289	56281.72	56237.8	12.22	56293.93	56290.25781	56305.42631	56308.26563	504821.0	5410350.0
L4820.0	0.0	0.0	42781.30078	415.17	0	48.846102	-86.934289	56282.40	56237.8	12.22	56294.62	56290.97656	56307.20311	56310.01172	504821.0	5410350.0
L4820.0	0.0	0.0	42781.39844	416.44	0	48.846120	-86.934289	56282.78	56237.8	12.22	56295.00	56291.38281	56301.50563	56304.28125	504821.0	5410352.0
L4820.0	0.0	0.0	42781.50000	416.08	0	48.846135	-86.934289	56283.60	56237.8	12.22	56295.82	56292.23047	56306.48455	56309.23047	504821.0	5410353.6
L4820.0	0.0	0.0	42781.60156	415.12	0	48.846135	-86.934289	56284.46	56237.8	12.23	56296.69	56293.12891	56312.70145	56315.41797	504821.0	5410353.6
L4820.0	0.0	0.0	42781.69922	415.73	0	48.846152	-86.934289	56284.88	56237.8	12.23	56297.11	56293.57813	56308.05583	56310.74219	504821.0	5410355.6
L4820.0	0.0	0.0	42781.80078	416.85	0	48.846161	-86.934289	56285.88	56237.8	12.23	56298.11	56294.60547	56317.47471	56320.13281	504821.0	5410356.6
L4820.0	0.0	0.0	42781.89844	416.89	0	48.846176	-86.934290	56286.18	56237.8	12.24	56298.42	56294.94141	56310.22289	56312.85156	504821.0	5410358.2
L4820.0	0.0	0.0	42781.89844	416.89	0	48.846193	-86.934290	56286.88	56237.8	12.24	56299.11	56295.66016	56312.19547	56314.80078	504821.0	5410360.1
L4820.0	0.0	0.0	42782.10156	417.19	0	48.846203	-86.934290	56287.73	56237.8	12.24	56299.97	56296.54688	56318.31034	56320.88672	504821.0	5410361.2
L4820.0	0.0	0.0	42782.19922	417.97	0	48.846203	-86.934290	56288.14	56237.8	12.24	56300.38	56296.98438	56313.56297	56316.11719	504821.0	5410361.2
L4820.0	0.0	0.0	42782.30078	416.62	0	48.846217	-86.934290	56288.61	56237.8	12.24	56300.84	56297.47266	56310.05399	56312.58594	504821.0	5410362.7
L4820.0	0.0	0.0	42782.39844	417.11	0	48.846231	-86.934290	56289.62	56237.8	12.24	56301.86	56298.51953	56320.12606	56322.63281	504821.0	5410364.3
L4820.0	0.0	0.0	42782.50000	416.11	0	48.846231	-86.934290	56289.68	56237.8	12.24	56301.92	56298.60547	56306.99384	56309.48047	504821.0	5410364.3
L4820.0	0.0	0.0	42782.60156	416.28	0	48.846245	-86.934290	56290.66	56237.8	12.23	56302.90	56299.61328	56316.15538	56318.62500	504821.0	5410365.9
L4820.0	0.0	0.0	42782.69922	415.77	0	48.846261	-86.934290	56291.23	56237.8	12.23	56303.47	56300.21094	56315.42358	56317.87109	504821.0	5410367.7
L4820.0	0.0	0.0	42782.80078	415.75	0	48.846261	-86.934290	56291.82	56237.8	12.23	56304.05	56300.81641	56314.96309	56317.39453	504821.0	5410367.7
L4820.0	0.0	0.0	42782.89844	416.91	0	48.846274	-86.934290	56292.48	56237.8	12.23	56304.71	56301.50391	56316.46823	56318.88672	504821.0	5410369.1
L4820.0	0.0	0.0	42783.00000	416.18	0	48.846286	-86.934290	56293.12	56237.8	12.23	56305.35	56302.17188	56317.51917	56319.92188	504821.0	5410370.4
L4820.0	0.0	0.0	42783.10156	415.04	0	48.846286	-86.934290	56293.43	56237.8	12.23	56305.65	56302.50000	56310.37189	56312.76172	504821.0	5410370.4
L4820.0	0.0	0.0	42783.19922	414.72	0	48.846304	-86.934290	56294.27	56237.8	12.22	56306.49	56303.36719	56316.32357	56318.69922	504821.0	5410372.5
L4820.0	0.0	0.0	42783.30078	416.37	0	48.846318	-86.934290	56295.11	56237.8	12.22	56307.33	56304.23438	56322.30599	56324.67188	504821.0	5410374.0
L4820.0	504821.0	5410375.9	42783.39844	417.43	0	48.846335	-86.934290	56295.96	56237.8	12.21	56308.17	56305.10156	56328.31949	56330.67969	504821.0	5410375.9
L4820.0	504821.0	5410375.9	42783.50000	416.12	0	48.846335	-86.934290	56296.18	56237.8	12.21	56308.39	56305.34766	56319.35983	56321.71094	504821.0	5410375.9
L4820.0	504821.0	5410377.7	42783.60156	416.67	0	48.846351	-86.934290	56297.05	56237.8	12.21	56309.26	56306.24609	56326.16262	56328.50781	504821.0	5410377.7
L4820.0	504821.0	5410379.0	42783.69922	416.73	0	48.846363	-86.934290	56297.23	56237.8	12.20	56309.43	56306.44141	56316.05692	56318.39844	504821.0	5410379.0
L4820.0	504821.0	5410380.5	42783.80078	416.68	0	48.846376	-86.934290	56297.84	56237.8	12.20	56310.04	56307.07813	56316.63224	56318.97266	504821.0	5410380.5
L4820.0	504821.0	5410380.5	42783.89844	416.90	0	48.846376	-86.934290	56298.74	56237.8	12.19	56310.93	56307.99609	56324.01683	56326.35547	504821.0	5410380.5
L4820.0	504821.0	5410382.1	42783.89844	416.90	0	48.846391	-86.934289	56299.07	56237.8	12.19	56311.26	56308.35547	56317.88228	56320.21875	504821.0	5410382.1
L4820.0	504821.0	5410383.5	42784.10156	421.49	0	48.846404	-86.934289	56299.84	56237.8	12.19	56312.03	56309.15234	56322.43000	56324.76953	504821.0	5410383.5
L4820.0	504821.0	5410383.5	42784.19922	418.89	0	48.846404	-86.934289	56300.29	56237.8	12.19	56312.48	56309.62891	56319.26766	56321.60938	504821.0	5410383.5
L4820.0	504821.0	5410385.5	42784.30078	418.69	0	48.846422	-86.934289	56301.03	56237.8	12.19	56313.21	56310.38672	56322.91629	56325.26563	504821.0	5410385.5
L4820.0	504821.1	5410387.4	42784.39844	418.39	0	48.846439	-86.934288	56301.67	56237.8	12.19	56313.85	56311.05469	56324.42197	56326.77734	504821.1	5410387.4
L4820.0	504821.1	5410389.2	42784.50000	419.84	0	48.846455	-86.934288	56302.23	56237.8	12.18	56314.42	56311.65234	56324.26916	56326.63281	504821.1	5410389.2
L4820.0	504821.1	5410390.8	42784.60156	418.36	0	48.846469	-86.934288	56302.79	56237.8	12.18	56314.98	56312.24219	56323.91036	56326.28125	504821.1	5410390.8
L4820.0	504821.1	5410390.8	42784.69922	417.78	0	48.846469	-86.934288	56303.58	56237.8	12.18	56315.77	56313.05859	56329.15426	56331.53516	504821.1	5410390.8
L4820.0	504821.1	5410392.6	42784.80078	418.83	0	48.846485	-86.934287	56304.28	56237.8	12.18	56316.46	56313.77734	56332.01496	56334.41016	504821.1	5410392.6
L4820.0	504821.2	5410394.3	42784.89844	418.78	0	48.846500	-86.934287	56304.98	56237.8	12.18	56317.16	56314.50391	56335.15502	56337.56250	504821.2	5410394.3
L4820.0	504821.2	5410395.7	42785.00000	417.17	0	48.846514	-86.934287	56305.24	56237.8	12.18	56317.42	56314.79297	56327.68443	56330.10938	504821.2	5410395.7
L4820.0	504821.2	5410395.7	42785.10156	416.39	0	48.846514	-86.934287	56305.88	56237.8	12.18	56318.05	56315.44922	56329.20641	56331.64844	504821.2	5410395.7
L4820.0	504821.2	5410397.3	42785.19922	418.01	0	48.846528	-86.934286	56306.65	56237.8	12.17	56318.82	56316.24609	56334.15517	56336.61328	504821.2	5410397.3
L4820.0	504821.2	5410397.3	42785.30078	417.96	0	48.846528	-86.934286	56307.13	56237.8	12.17	56319.29	56316.74609	56331.88269	56334.35938	504821.2	5410397.3
L4820.0	504821.2	5410399.0	42785.39844	416.73	0	48.846543	-86.934286	56307.70	56237.8	12.16	56319.85	56317.33203	56331.82775	56334.32813	504821.2	5410399.0

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4820.0	504821.2	5410400.6	42785.50000	415.21	0	48.846558	-86.934287	56308.38	56237.8	12.15	56320.54	56318.05078	56334.95880	56337.48047	504821.2	5410400.6
L4820.0	504821.2	5410402.1	42785.60156	416.23	0	48.846571	-86.934287	56309.20	56237.8	12.15	56321.35	56318.89063	56341.03419	56343.57813	504821.2	5410402.1
L4820.0	504821.2	5410402.1	42785.69922	417.64	0	48.846571	-86.934287	56309.78	56237.9	12.14	56321.93	56319.49609	56341.58396	56344.15234	504821.2	5410402.1
L4820.0	504821.2	5410403.8	42785.80078	416.15	0	48.846586	-86.934287	56310.02	56237.9	12.14	56322.16	56319.75391	56333.70435	56336.30078	504821.2	5410403.8
L4820.0	504821.2	5410405.2	42785.89844	416.64	0	48.846599	-86.934287	56310.63	56237.9	12.13	56322.76	56320.38281	56334.82041	56337.44141	504821.2	5410405.2
L4820.0	504821.2	5410405.2	42785.89844	416.64	0	48.846599	-86.934287	56311.09	56237.9	12.13	56323.22	56320.86719	56332.58995	56335.24219	504821.2	5410405.2
L4820.0	504821.2	5410407.0	42786.10156	416.46	0	48.846615	-86.934287	56311.68	56237.9	12.13	56323.81	56321.48438	56333.54755	56336.23047	504821.2	5410407.0
L4820.0	504821.2	5410408.8	42786.19922	417.28	0	48.846631	-86.934286	56312.52	56237.9	12.13	56324.65	56322.35156	56340.59763	56343.30859	504821.2	5410408.8
L4820.0	504821.2	5410409.7	42786.30078	417.90	0	48.846639	-86.934286	56312.92	56237.9	12.13	56325.04	56322.76953	56336.79974	56339.54297	504821.2	5410409.7
L4820.0	504821.2	5410411.6	42786.39844	419.23	0	48.846656	-86.934286	56313.62	56237.9	12.13	56325.74	56323.49609	56340.54691	56343.32422	504821.2	5410411.6
L4820.0	504821.2	5410412.6	42786.50000	419.09	0	48.846665	-86.934286	56314.18	56237.9	12.13	56326.30	56324.08203	56340.94891	56343.75781	504821.2	5410412.6
L4820.0	504821.2	5410412.6	42786.60156	418.69	0	48.846665	-86.934286	56314.58	56237.9	12.12	56326.71	56324.51953	56337.76394	56340.60938	504821.2	5410412.6
L4820.0	504821.2	5410413.9	42786.69922	419.56	0	48.846677	-86.934286	56315.17	56237.9	12.12	56327.29	56325.12500	56338.73651	56341.61719	504821.2	5410413.9
L4820.0	504821.2	5410415.7	42786.80078	422.95	0	48.846693	-86.934286	56315.42	56237.9	12.12	56327.54	56325.39844	56331.76629	56334.68359	504821.2	5410415.7
L4820.0	504821.2	5410415.7	42786.89844	420.80	0	48.846693	-86.934286	56316.20	56237.9	12.12	56328.32	56326.20313	56337.66628	56340.62109	504821.2	5410415.7
L4820.0	504821.2	5410417.2	42787.00000	421.06	0	48.846706	-86.934286	56316.70	56237.9	12.12	56328.82	56326.73047	56336.83379	56339.82813	504821.2	5410417.2
L4820.0	504821.2	5410418.9	42787.10156	419.70	0	48.846722	-86.934286	56317.54	56237.9	12.12	56329.66	56327.59375	56344.27355	56347.30469	504821.2	5410418.9
L4820.0	504821.2	5410419.6	42787.19922	421.04	0	48.846729	-86.934286	56318.18	56237.9	12.12	56330.30	56328.25781	56346.91710	56349.98828	504821.2	5410419.6
L4820.0	504821.2	5410421.1	42787.30078	419.20	0	48.846742	-86.934286	56318.92	56237.9	12.12	56331.04	56329.02344	56352.02480	56355.13672	504821.2	5410421.1
L4820.0	504821.2	5410422.8	42787.39844	418.90	0	48.846757	-86.934286	56319.40	56237.9	12.12	56331.52	56329.52344	56350.88431	56354.03516	504821.2	5410422.8
L4820.0	504821.2	5410424.3	42787.50000	418.46	0	48.846770	-86.934286	56319.89	56237.9	12.12	56332.01	56330.03906	56350.02994	56353.22266	504821.2	5410424.3
L4820.0	504821.2	5410424.3	42787.60156	421.77	0	48.846770	-86.934286	56320.27	56237.9	12.11	56332.39	56330.44141	56346.55754	56349.79297	504821.2	5410424.3
L4820.0	504821.2	5410425.5	42787.69922	420.18	0	48.846781	-86.934286	56320.76	56237.9	12.11	56332.88	56330.95313	56345.79132	56349.06641	504821.2	5410425.5
L4820.0	504821.2	5410427.3	42787.80078	418.00	0	48.846798	-86.934286	56321.39	56237.9	12.11	56333.51	56331.60156	56348.45725	56351.77344	504821.2	5410427.3
L4820.0	504821.2	5410429.0	42787.89844	418.90	0	48.846813	-86.934286	56321.96	56237.9	12.11	56334.07	56332.18359	56349.47307	56352.83203	504821.2	5410429.0
L4820.0	504821.2	5410430.0	42787.89844	418.90	0	48.846821	-86.934286	56322.47	56237.9	12.11	56334.58	56332.71484	56349.32270	56352.72656	504821.2	5410430.0
L4820.0	504821.2	5410430.0	42788.10156	419.46	0	48.846821	-86.934286	56322.93	56237.9	12.11	56335.04	56333.19531	56348.00605	56351.44922	504821.2	5410430.0
L4820.0	504821.1	5410431.9	42788.19922	417.92	0	48.846839	-86.934287	56323.84	56237.9	12.11	56335.95	56334.12109	56357.62350	56361.10938	504821.1	5410431.9
L4820.0	504821.1	5410431.9	42788.30078	416.62	0	48.846839	-86.934287	56324.54	56237.9	12.11	56336.64	56334.83203	56361.96024	56365.48828	504821.1	5410431.9
L4820.0	504821.1	5410435.2	42788.39844	414.52	0	48.846868	-86.934288	56324.72	56237.9	12.11	56336.82	56335.02734	56353.99784	56357.57031	504821.1	5410435.2
L4820.0	504821.1	5410435.2	42788.50000	414.85	0	48.846868	-86.934288	56325.13	56237.9	12.10	56337.23	56335.45703	56351.64486	56355.25781	504821.1	5410435.2
L4820.0	504821.0	5410436.7	42788.60156	413.43	0	48.846882	-86.934288	56325.99	56237.9	12.10	56338.09	56336.33203	56360.22536	56363.88281	504821.0	5410436.7
L4820.0	504821.0	5410438.2	42788.69922	415.07	0	48.846896	-86.934289	56326.24	56237.9	12.10	56338.35	56336.60938	56354.32810	56358.02734	504821.0	5410438.2
L4820.0	504821.0	5410439.8	42788.80078	415.56	0	48.846910	-86.934289	56326.47	56237.9	12.10	56338.57	56336.84375	56347.50544	56351.24609	504821.0	5410439.8
L4820.0	504821.0	5410439.8	42788.89844	415.34	0	48.846910	-86.934289	56327.35	56237.9	12.10	56339.45	56337.73438	56356.69786	56360.47656	504821.0	5410439.8
L4820.0	504820.9	5410441.6	42789.00000	415.88	0	48.846926	-86.934290	56327.85	56237.9	12.10	56339.95	56338.25000	56356.73612	56360.55859	504820.9	5410441.6
L4820.0	504820.9	5410443.2	42789.10156	417.03	0	48.846941	-86.934291	56328.32	56237.9	12.10	56340.42	56338.73047	56356.09034	56359.95313	504820.9	5410443.2
L4820.0	504820.9	5410443.2	42789.19922	415.38	0	48.846941	-86.934291	56328.75	56237.9	12.10	56340.84	56339.16406	56354.27628	56358.17578	504820.9	5410443.2
L4820.0	504820.8	5410445.0	42789.30078	414.92	0	48.846957	-86.934292	56329.26	56237.9	12.10	56341.36	56339.69141	56354.92385	56358.86328	504820.8	5410445.0
L4820.0	504820.7	5410446.8	42789.39844	417.03	0	48.846973	-86.934292	56329.52	56237.9	12.10	56341.62	56339.96094	56349.32046	56353.29688	504820.7	5410446.8
L4820.0	504820.7	5410448.1	42789.50000	418.20	0	48.846984	-86.934293	56330.43	56237.9	12.10	56342.52	56340.87109	56359.24676	56363.26172	504820.7	5410448.1
L4820.0	504820.7	5410448.1	42789.60156	416.27	0	48.846984	-86.934293	56330.89	56237.9	12.09	56342.99	56341.34766	56358.80745	56362.85938	504820.7	5410448.1
L4820.0	504820.6	5410450.0	42789.69922	417.52	0	48.847002	-86.934294	56331.10	56237.9	12.09	56343.19	56341.55469	56351.87445	56355.96094	504820.6	5410450.0
L4820.0	504820.6	5410451.8	42789.80078	419.98	0	48.847018	-86.934295	56331.81	56237.9	12.09	56343.90	56342.26953	56357.32430	56361.44141	504820.6	5410451.8
L4820.0	504820.6	5410451.8	42789.89844	422.35	0	48.847018	-86.934295	56332.16	56237.9	12.09	56344.25	56342.62109	56354.10191	56358.25391	504820.6	5410451.8
L4820.0	504820.5	5410453.4	42789.89844	422.35	0	48.847032	-86.934295	56332.61	56237.9	12.09	56344.70	56343.07422	56353.33949	56357.52344	504820.5	5410453.4
L4820.0	504820.5	5410453.4	42790.10156	417.80	0	48.847032	-86.934295	56333.21	56237.9	12.09	56345.30	56343.67578	56356.24688	56360.46094	504820.5	5410453.4
L4820.0	504820.4	5410455.5	42790.19922	416.60	0	48.847051	-86.934296	56333.65	56237.9	12.09	56345.73	56344.10938	56355.07952	56359.32422	504820.4	5410455.5
L4820.0	504820.4	5410456.9	42790.30078	417.22	0	48.847063	-86.934297	56333.95	56237.9	12.08	56346.04	56344.41797	56351.04727	56355.31641	504820.4	5410456.9
L4820.0	504820.3	5410458.8	42790.39844	417.30	0	48.847081	-86.934298	56334.59	56237.9	12.08	56346.67	56345.04688	56354.79833	56359.09375	504820.3	5410458.8
L4820.0	504820.3	5410458.8	42790.50000	416.56	0	48.847081	-86.934298	56335.46	56237.9	12.08	56347.54	56345.91406	56364.39645	56368.71875	504820.3	5410458.8
L4820.0	504820.3	5410460.6	42790.60156	416.66	0	48.847097	-86.934298	56335.41	56237.9	12.08	56347.49	56345.85938	56351.76827	56356.11328	504820.3	5410460.6
L4820.0	504820.2	5410462.0	42790.69922	417.06	0	48.847110	-86.934299	56336.07	56237.9	12.08	56348.14	56346.50000	56356.11922	56360.48438	504820.2	5410462.0
L4820.0	504820.2	5410462.0	42790.80078	415.78	0	48.847110	-86.934299	56336.89	56237.9	12.07	56348.96	56347.31641	56364.62261	56369.00781	504820.2	5410462.0
L4820.0	504820.2	5410463.9	42790.89844	417.74	0	48.847127	-86.934300	56337.42	56237.9	12.07	56349.49	56347.83594	56366.14580	56370.54688	504820.2	5410463.9
L4820.0	504820.1	5410465.4	42791.00000	418.15	0	48.847140	-86.934300	56337.68	56237.9	12.07	56349.75	56348.08594	56361.17268	56365.59375	504820.1	5410465.4
L4820.0	504820.1	5410466.9	42791.10156	417.34	0	48.847154	-86.934300	56338.47	56237.9	12.07	56350.54	56348.86328	56369.06389	56373.50000	504820.1	5410466.9
L4820.0	504820.1	5410466.9	42791.19922	414.67	0	48.847154	-86.934300	56338.42	56237.9	12.06	56350.48	56348.79297	56356.42192	56360.86719	504820.1	5410466.9
L4820.0	504820.1	5410468.6	42791.30078	413.90	0	48.847169	-86.934301	56339.21	56237.9	12.06	56351.28	56349.57813	56364.63036	56369.08594	504820.1	5410468.6
L4820.0	504820.1	5410469.7	42791.39844	414.59	0	48.847179	-86.934301	56339.80	56237.9	12.06	56351.85	56350.13281	56367.31001	56371.77344	504820.1	5410469.7
L4820.0	504820.0	5410471.2	42791.50000	416.34	0	48.847192	-86.934302	56339.98	56237.9	12.06	56352.03	56350.29297	56360.58860	56365.05859	504820.0	5410471.2
L4820.0	504820.0	5410472.5	42791.60156	415.85	0	48.847204	-86.934302	56340.84	56237.9	12.05	56352.90	56351.14453	56370.60313	56375.07813	504820.0	5410472.5
L4820.0	504820.0	5410472.5	42791.69922	416.10	0	48.847204	-86.934302	56340.94	56238	12.05	56352.99	56351.21484	56361.77804	56366.25391	504820.0	5410472.5
L4820.0	504820.0	5410474.2	42791.80078	415.06	0	48.847219	-86.934302	56341.82	56238	12.05	56353.87	56352.07422	56372.10881	56376.58203	504820.0	5410474.2
L4820.0	504819.9	5410475.8	42791.89844	416.44	0	48.847234	-86.934303	56342.04	56238	12.04	56354.08	56352.25781	56366.26194	56370.73047	504819.9	5410475.8
L4820.0	504819.9	5410477.1	42791.89844	416.44	0	48.847245	-86.934303	56342.27	56238	12.04	56354.32	56352.47266	56361.17805	56365.64453	504819.9	5410477.1
L4820.0	504819.9	5410478.7	42792.10156	413.80	0	48.847260	-86.934303	56343.12	56238	12.04	56355.16	56353.28906	56370.65166	56375.10938	504819.9	5410478.7
L4820.0	504819.9	5410478.7	42792.19922	416.47	0	48.847260	-86.934303	56343.14	56238	12.04	56355.19	56353.28906	56360.55933	56365.00781	504819.9	5410478.7
L4820.0	504819.9	5410480.0	42792.30078	417.60	0	48.847272	-86.934303	56344.06	56238	12.05	56356.11	56354.17969	56372.04269	56376.47656	504819.9	5410480.0
L4820.0	504819.9	5410481.7	42792.39844	418.26	0	48.847287	-86.934304	56344.01	56238	12.05	56356.06	56354.09766	56360.08786	56364.50391	504819.9	5410481.7
L4820.0	504819.8	5410483.0	42792.50000	419.76	0	48.847299	-86.934304	56345.03	56237.9	12.05	56357.08	56355.08203	56374.06482	56378.46484	504819.8	5410483.0
L4820.0	504819.8	5410484.2	42792.60156	420.06	0	48.847309	-86.934304	56345.23	56237.9	12.05	56357.28	56355.24609	56368.23366	56372.61328	504819.8	5410484.2
L4820.0	504819.8	5410485.9	42792.69922	420.96	0	48.847325	-86.934304	56346.00	56237.9	12.05	56358.06	56355.98828	56376.47574	56380.83203	504819.8	5410485.9
L4820.0	504819.8	5410485.9	42792.80078	419.04	0	48.847325	-86.934304	56346.10	56237.9	12.06	56358.16	56356.05078	56368.29777	56372.62500	504819.8	5410485.9
L4820.0	504819.8	5410487.6	42792.89844	419.76	0	48.847340	-86.934304	56346.48	56237.9	12.06	56358.54	56356.39063	56366.93266	56371.23047	504819.8	5410487.6
L4820.0	504819.8	5410489.3	42793.00000	418.93	0	48.847356	-86.934304	56347.30	56237.9	12.06	56359.36	56357.16797	56376.25251	56380.51953	504819.8	5410489.3
L4820.0	504819.8	5410489.3	42793.10156	421.00	0	48.847356	-86.934304	56347.31	56237.9	12.06	56359.36	56357.12109	56365.76403	56370.00000	504819.8	5410489.3
L4820.0	504819.8	5410490.9	42793.19922	419.76	0	48.847369	-86.934304	56347.78	56237.9	12.06	56359.84	56357.55469	56366.92845	56371.12500	504819.8	5410490.9
L4820.0	504819.8	5410492.4	42793.30078	418.62	0	48.847383	-86.934304	56348.56	56237.9	12.05	56360.61	56358.27734	56375.14750	56379.30469	504819.8	5410492.4
L4820.0	504819.8	5410492.4	42793.39844	420.40	0	48.847383	-86.934304	56348.72	56237.9	12.05	56360.77	56358.38672	56368.64023	56372.75000	504819.8	5410492.4
L4820.0	504819.8	5410494.1	42793.50000	420.07	0	48.847398	-86.934304	56349.27	56237.9	12.05	56361.32	56358.88672	56371.60753	56375.67188	504819.8	5410494.1
L4820.0	504819.9	5410495.6	42793.60156	417.43	0	48.847412	-86.934304	56349.75	56238	12.05	56361.79	56359.30078	56372.67482	56376.69141	504819.9	5410495.6
L4820.0	504819.9	5410497.5	42793.69922	417.84	0	48.847429	-86.934303	56350.11	56238	12.05	56362.16	56359.61719	56371.35798	56375.32422	504819.9	5410497.5
L4820.0	504819.9	5410497.5	42793.80078	417.45	0	48.847429	-86.934303	56350.62	56238	12.04	56362.66	56360.05859	56373.22308	56377.13281	504819.9	5410497.5
L4820.0	504819.9	5410499.0	42793.89844	416.79	0	48.847443	-86.934303	56351.31	56238	12.04	56363.35	56360.68750	56379.72204	56383.57031	504819.9	5410499.0
L4820.0	504819.9	5410501.0	42793.89844	416.79	0	48.847461	-86.934303	56351.46	56238	12.04	56363.50	56360.77734	56373.18796	56376.97656	504819.9	5410501.0
L4820.0	504820.0	5410503.3	42794.10156	418.87	0	48.847481	-86.934302	56351.79	56238	12.04	56363.83	56361.04297	56371.04535	56374.76953	504820.0	5410503.3
L4820.0	504820.0	5410504.4	42794.19922	418.32	0	48.847491	-86.934302	56352.41	56238	12.04	56364.44	56361.58594	56375.71408	56379.37109	504820.0	5410504.4
L4820.0	504820.0	5410504.4	42794.30078	418.32	0	48.847491	-86.934302	56352.66	56238	12.04	56364.70	56361.77734	56371.94731	56375.53516	504820.0	5410504.4
L4820.0	504820.0	5410506.3	42794.39844	417.04	0	48.847508	-86.934301	56353.27	56238	12.04	56365.31	56362.32031	56376.68543	56380.19922	504820.0	5410506.3
L4820.0	504820.0	5410507.8	42794.50000	415.65	0	48.847522	-86.934301	56353.86	56238	12.03	56365.89	56362.82813	56380.73180	56384.16797	504820.0	5410507.8
L4820.0	504820.0	5410507.8	42794.60156	414.84	0	48.847522	-86.934301	56353.91	56238	12.03	56365.94	56362.80469	56371.98558	56375.34375	504820.0	5410507.8
L4820.0	504820.1	5410510.1	42794.69922	413.11	0	48.847542	-86.934300	56354.39	56238	12.03	56366.43	56363.21875	56373.92138	56377.19531	504820.1	5410510.1

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4820.0	504820.1	5410511.6	42794.80078	413.90	0	48.847555	-86.934300	56355.08	56238	12.03	56367.11	56363.82031	56380.48857	56383.67578	504820.1	5410511.6
L4820.0	504820.1	5410511.6	42794.89844	413.43	0	48.847555	-86.934300	56355.27	56238	12.03	56367.30	56363.92969	56375.23006	56378.32813	504820.1	5410511.6
L4820.0	504820.1	5410513.0	42795.00000	412.82	0	48.847569	-86.934300	56355.82	56238	12.03	56367.85	56364.39844	56378.71624	56381.72266	504820.1	5410513.0
L4820.0	504820.2	5410514.5	42795.10156	414.13	0	48.847582	-86.934299	56356.28	56238	12.03	56368.31	56364.77734	56380.05619	56382.96875	504820.2	5410514.5
L4820.0	504820.2	5410516.3	42795.19922	415.04	0	48.847598	-86.934299	56356.64	56238	12.03	56368.67	56365.05078	56379.00738	56381.82422	504820.2	5410516.3
L4820.0	504820.2	5410516.3	42795.30078	418.09	0	48.847598	-86.934299	56356.92	56238	12.03	56368.96	56365.25391	56376.29529	56379.00781	504820.2	5410516.3
L4820.0	504820.2	5410517.5	42795.39844	418.54	0	48.847609	-86.934299	56357.87	56238	12.03	56369.90	56366.10547	56389.34404	56391.95313	504820.2	5410517.5
L4820.0	504820.2	5410518.8	42795.50000	417.18	0	48.847620	-86.934299	56358.22	56238	12.04	56370.26	56366.37109	56388.38580	56390.88672	504820.2	5410518.8
L4820.0	504820.2	5410520.2	42795.60156	417.64	0	48.847634	-86.934298	56358.56	56238	12.04	56370.59	56366.60938	56386.73046	56389.12500	504820.2	5410520.2
L4820.0	504820.2	5410521.6	42795.69922	418.91	0	48.847645	-86.934298	56358.99	56238	12.04	56371.02	56366.94531	56387.52345	56389.80469	504820.2	5410521.6
L4820.0	504820.2	5410521.6	42795.80078	419.42	0	48.847645	-86.934298	56358.93	56238	12.04	56370.97	56366.79688	56376.72747	56378.89063	504820.2	5410521.6
L4820.0	504820.3	5410523.4	42795.89844	418.17	0	48.847662	-86.934298	56359.86	56238	12.04	56371.90	56367.62891	56389.67519	56391.71875	504820.3	5410523.4
L4820.0	504820.3	5410524.7	42795.89844	418.17	0	48.847674	-86.934298	56359.98	56238	12.04	56372.02	56367.64453	56383.04604	56384.96875	504820.3	5410524.7
L4820.0	504820.3	5410526.4	42796.10156	419.78	0	48.847689	-86.934297	56360.54	56238	12.04	56372.58	56368.10156	56387.09042	56388.89063	504820.3	5410526.4
L4820.0	504820.3	5410526.4	42796.19922	419.95	0	48.847689	-86.934297	56361.19	56238	12.04	56373.23	56368.64844	56393.33710	56395.00781	504820.3	5410526.4
L4820.0	504820.3	5410527.9	42796.30078	416.98	0	48.847703	-86.934297	56361.28	56238	12.05	56373.33	56368.64063	56386.29655	56387.83594	504820.3	5410527.9
L4820.0	504820.3	5410529.2	42796.39844	414.95	0	48.847714	-86.934297	56361.64	56238	12.05	56373.69	56368.89063	56385.57061	56386.97656	504820.3	5410529.2
L4820.0	504820.3	5410531.0	42796.50000	416.67	0	48.847731	-86.934297	56362.05	56237.9	12.05	56374.10	56369.19141	56386.07610	56387.34766	504820.3	5410531.0
L4820.0	504820.3	5410531.0	42796.60156	417.41	0	48.847731	-86.934297	56362.11	56237.9	12.05	56374.16	56369.13672	56378.13160	56379.26563	504820.3	5410531.0
L4820.0	504820.3	5410532.6	42796.69922	418.75	0	48.847745	-86.934297	56362.66	56237.9	12.05	56374.72	56369.58594	56382.30692	56383.30078	504820.3	5410532.6
L4820.0	504820.3	5410534.4	42796.80078	417.91	0	48.847761	-86.934297	56363.28	56237.9	12.06	56375.33	56370.07813	56387.71051	56388.55859	504820.3	5410534.4
L4820.0	504820.4	5410535.9	42796.89844	420.68	0	48.847775	-86.934296	56363.43	56237.9	12.06	56375.48	56370.10938	56381.99877	56382.69922	504820.4	5410535.9
L4820.0	504820.4	5410535.9	42797.00000	418.05	0	48.847775	-86.934296	56363.64	56237.9	12.06	56375.70	56370.21094	56377.99707	56378.55078	504820.4	5410535.9
L4820.0	504820.4	5410537.5	42797.10156	416.96	0	48.847789	-86.934296	56364.18	56237.9	12.06	56376.24	56370.62891	56381.75449	56382.15625	504820.4	5410537.5
L4820.0	504820.4	5410538.7	42797.19922	417.26	0	48.847800	-86.934296	56364.60	56237.9	12.06	56376.66	56370.92578	56382.62139	56382.87109	504820.4	5410538.7
L4820.0	504820.3	5410540.2	42797.30078	417.82	0	48.847813	-86.934297	56365.14	56237.9	12.06	56377.20	56371.33984	56386.40477	56386.49609	504820.3	5410540.2
L4820.0	504820.3	5410540.2	42797.39844	417.31	0	48.847813	-86.934297	56365.47	56237.9	12.06	56377.53	56371.54297	56385.11705	56385.05078	504820.3	5410540.2
L4820.0	504820.3	5410541.9	42797.50000	416.86	0	48.847828	-86.934297	56366.11	56237.9	12.06	56378.16	56372.04297	56391.09944	56390.87109	504820.3	5410541.9
L4820.0	504820.3	5410541.9	42797.60156	415.98	0	48.847828	-86.934297	56366.26	56237.9	12.05	56378.32	56372.07422	56385.71589	56385.32813	504820.3	5410541.9
L4820.0	504820.3	5410544.0	42797.69922	417.22	0	48.847847	-86.934297	56366.47	56237.9	12.05	56378.52	56372.14063	56381.30756	56380.75391	504820.3	5410544.0
L4820.0	504820.3	5410545.3	42797.80078	415.97	0	48.847859	-86.934297	56367.38	56237.9	12.05	56379.44	56372.92969	56394.32976	56393.60547	504820.3	5410545.3
L4820.0	504820.3	5410546.8	42797.89844	415.49	0	48.847872	-86.934297	56367.72	56237.9	12.05	56379.77	56373.12500	56393.07784	56392.18359	504820.3	5410546.8
L4820.0	504820.3	5410546.8	42797.89844	415.49	0	48.847872	-86.934297	56367.89	56237.9	12.05	56379.95	56373.16797	56388.19882	56387.13281	504820.3	5410546.8
L4820.0	504820.3	5410548.4	42798.10156	416.69	0	48.847887	-86.934297	56368.41	56238	12.05	56380.45	56373.53125	56391.06576	56389.82813	504820.3	5410548.4
L4820.0	504820.3	5410549.9	42798.19922	414.05	0	48.847901	-86.934297	56368.33	56238	12.05	56380.38	56373.32031	56380.13835	56378.72656	504820.3	5410549.9
L4820.0	504820.3	5410551.1	42798.30078	414.41	0	48.847911	-86.934298	56369.07	56238	12.04	56381.11	56373.91016	56388.57049	56386.98047	504820.3	5410551.1
L4820.0	504820.3	5410552.9	42798.39844	416.09	0	48.847927	-86.934298	56369.04	56238	12.04	56381.08	56373.73828	56378.60718	56376.83594	504820.3	5410552.9
L4820.0	504820.3	5410554.2	42798.50000	416.83	0	48.847939	-86.934298	56369.33	56238	12.04	56381.37	56373.88281	56376.38400	56374.43359	504820.3	5410554.2
L4820.0	504820.3	5410554.2	42798.60156	416.94	0	48.847939	-86.934298	56370.12	56238	12.04	56382.15	56374.51953	56386.01362	56383.87891	504820.3	5410554.2
L4820.0	504820.3	5410556.4	42798.69922	417.12	0	48.847959	-86.934298	56370.45	56238	12.04	56382.48	56374.70313	56384.74563	56382.42969	504820.3	5410556.4
L4820.0	504820.3	5410558.2	42798.80078	415.44	0	48.847975	-86.934298	56370.96	56238	12.03	56382.99	56375.06250	56387.82511	56385.32031	504820.3	5410558.2
L4820.0	504820.3	5410558.2	42798.89844	415.12	0	48.847975	-86.934298	56371.34	56238	12.03	56383.37	56375.29688	56387.74823	56385.05469	504820.3	5410558.2
L4820.0	504820.3	5410560.0	42799.00000	416.24	0	48.847991	-86.934298	56371.54	56238	12.03	56383.57	56375.34375	56383.30341	56380.42188	504820.3	5410560.0
L4820.0	504820.3	5410561.0	42799.10156	415.10	0	48.848000	-86.934298	56371.32	56238	12.03	56383.35	56374.97266	56368.68085	56365.60938	504820.3	5410561.0
L4820.0	504820.2	5410562.5	42799.19922	416.11	0	48.848014	-86.934298	56372.04	56238	12.03	56384.07	56375.54297	56376.79234	56373.53125	504820.2	5410562.5
L4820.0	504820.2	5410564.0	42799.30078	415.32	0	48.848028	-86.934298	56372.74	56238	12.03	56384.77	56376.08984	56384.40335	56380.94922	504820.2	5410564.0
L4820.0	504820.2	5410564.0	42799.39844	414.49	0	48.848028	-86.934298	56373.15	56238	12.03	56385.18	56376.34375	56384.97805	56381.32813	504820.2	5410564.0
L4820.0	504820.2	5410565.8	42799.50000	412.95	0	48.848044	-86.934298	56373.82	56238	12.03	56385.85	56376.85938	56391.82538	56387.98047	504820.2	5410565.8
L4820.0	504820.2	5410567.4	42799.60156	412.32	0	48.848058	-86.934298	56373.66	56238	12.03	56385.69	56376.54297	56378.56466	56374.52344	504820.2	5410567.4
L4820.0	504820.2	5410567.4	42799.69922	413.46	0	48.848058	-86.934298	56374.53	56238	12.03	56386.56	56377.25391	56390.20813	56385.96875	504820.2	5410567.4
L4820.0	504820.2	5410569.5	42799.80078	414.46	0	48.848077	-86.934298	56374.91	56238	12.03	56386.94	56377.47656	56389.96866	56385.53125	504820.2	5410569.5
L4820.0	504820.3	5410571.0	42799.89844	415.15	0	48.848090	-86.934297	56375.22	56238	12.03	56387.25	56377.62891	56388.00903	56383.37109	504820.3	5410571.0
L4820.0	504820.3	5410571.0	42799.89844	415.15	0	48.848090	-86.934297	56375.66	56238	12.03	56387.69	56377.91016	56389.16780	56384.33203	504820.3	5410571.0
L4820.0	504820.3	5410572.6	42800.00000	416.90	0	48.848105	-86.934297	56376.09	56238	12.03	56388.12	56378.17969	56390.05517	56385.01953	504820.3	5410572.6
L4820.0	504820.3	5410573.8	42800.10156	418.69	0	48.848116	-86.934297	56376.47	56238	12.03	56388.50	56378.39844	56389.70144	56384.46484	504820.3	5410573.8
L4820.0	504820.3	5410575.3	42800.19922	418.70	0	48.848129	-86.934297	56376.57	56238	12.03	56388.60	56378.33594	56382.53869	56377.09766	504820.3	5410575.3
L4820.0	504820.3	5410575.3	42800.30078	418.43	0	48.848129	-86.934297	56377.14	56238	12.03	56389.16	56378.73438	56386.47396	56380.83203	504820.3	5410575.3
L4820.0	504820.3	5410576.7	42800.39844	417.57	0	48.848141	-86.934297	56378.11	56238	12.03	56390.13	56379.54297	56400.29548	56394.44922	504820.3	5410576.7
L4820.0	504820.3	5410578.2	42800.60156	419.99	0	48.848155	-86.934297	56378.46	56238	12.02	56390.49	56379.74219	56399.31651	56393.26953	504820.3	5410578.2
L4820.0	504820.3	5410579.6	42800.69922	419.85	0	48.848168	-86.934297	56378.69	56238	12.02	56390.71	56379.79688	56394.90976	56388.66016	504820.3	5410579.6
L4820.0	504820.2	5410581.5	42800.80078	419.58	0	48.848185	-86.934297	56379.05	56238	12.02	56391.07	56379.99609	56393.84972	56387.39453	504820.2	5410581.5
L4820.0	504820.2	5410581.5	42800.89844	418.95	0	48.848185	-86.934297	56379.54	56238	12.02	56391.56	56380.32031	56395.89260	56389.23047	504820.2	5410581.5
L4820.0	504820.2	5410583.4	42801.00000	416.57	0	48.848201	-86.934298	56379.56	56238	12.02	56391.58	56380.17578	56386.51596	56379.65234	504820.2	5410583.4
L4820.0	504820.2	5410585.3	42801.10156	416.60	0	48.848219	-86.934298	56380.12	56238	12.02	56392.14	56380.57422	56390.16095	56383.09375	504820.2	5410585.3
L4820.0	504820.2	5410586.7	42801.19922	417.01	0	48.848231	-86.934298	56380.66	56238	12.02	56392.68	56380.94922	56393.27314	56386.00000	504820.2	5410586.7
L4820.0	504820.2	5410586.7	42801.30078	417.24	0	48.848231	-86.934298	56381.24	56238	12.02	56393.26	56381.36719	56397.30266	56389.82422	504820.2	5410586.7
L4820.0	504820.2	5410588.2	42801.39844	416.72	0	48.848245	-86.934297	56381.29	56238	12.02	56393.31	56381.25391	56388.45300	56380.76953	504820.2	5410588.2
L4820.0	504820.2	5410588.2	42801.50000	417.43	0	48.848245	-86.934297	56381.98	56238	12.01	56394.00	56381.77734	56395.03734	56387.15234	504820.2	5410588.2
L4820.0	504820.2	5410590.3	42801.60156	417.30	0	48.848264	-86.934297	56382.42	56238	12.01	56394.43	56382.04297	56395.27274	56387.18750	504820.2	5410590.3
L4820.0	504820.2	5410591.7	42801.69922	416.33	0	48.848276	-86.934297	56382.68	56238	12.01	56394.69	56382.14063	56391.33523	56383.04297	504820.2	5410591.7
L4820.0	504820.3	5410593.3	42801.80078	415.45	0	48.848291	-86.934297	56383.31	56238	12.01	56395.33	56382.61719	56396.53324	56388.03906	504820.3	5410593.3
L4820.0	504820.3	5410594.9	42801.89844	414.76	0	48.848306	-86.934297	56383.74	56238	12.01	56395.75	56382.87500	56396.34400	56387.64844	504820.3	5410594.9
L4820.0	504820.3	5410596.9	42801.89844	414.76	0	48.848323	-86.934297	56384.00	56238	12.01	56396.01	56382.97266	56392.21736	56383.32031	504820.3	5410596.9
L4820.0	504820.3	5410598.3	42802.10156	415.95	0	48.848336	-86.934297	56384.26	56238	12.01	56396.27	56383.07422	56388.02321	56378.92578	504820.3	5410598.3
L4820.0	504820.3	5410598.3	42802.19922	417.06	0	48.848336	-86.934297	56385.22	56238	12.01	56397.23	56383.87109	56400.69991	56391.40234	504820.3	5410598.3
L4820.0	504820.3	5410600.0	42802.30078	416.52	0	48.848351	-86.934297	56385.18	56238	12.01	56397.18	56383.66016	56388.86139	56379.36328	504820.3	5410600.0
L4820.0	504820.3	5410601.3	42802.39844	417.42	0	48.848363	-86.934297	56386.07	56238	12.01	56398.07	56384.39063	56399.69712	56390.00000	504820.3	5410601.3
L4820.0	504820.3	5410601.3	42802.50000	417.51	0	48.848363	-86.934297	56386.32	56238	12.01	56398.33	56384.49219	56395.20906	56385.31250	504820.3	5410601.3
L4820.0	504820.3	5410602.9	42802.60156	415.53	0	48.848377	-86.934297	56386.78	56238	12.00	56398.79	56384.79297	56395.48142	56385.39063	504820.3	5410602.9
L4820.0	504820.3	5410604.7	42802.69922	414.73	0	48.848393	-86.934296	56387.46	56238	12.00	56399.47	56385.31641	56400.99560	56390.71094	504820.3	5410604.7
L4820.0	504820.3	5410606.2	42802.80078	415.73	0	48.848407	-86.934296	56387.86	56238	12.00	56399.86	56385.55078	56399.40635	56388.92578	504820.3	5410606.2
L4820.0	504820.3	5410607.7	42802.89844	416.84	0	48.848420	-86.934296	56388.62	56238	12.00	56400.62	56386.15625	56406.68354	56396.00781	504820.3	5410607.7
L4820.0	504820.3	5410607.7	42803.00000	416.15	0	48.848420	-86.934296	56388.72	56238	12.00	56400.72	56386.10156	56397.89728	56387.03125	504820.3	5410607.7
L4820.0	504820.3	5410609.5	42803.10156	416.28	0	48.848437	-86.934296	56389.18	56238	12.00	56401.18	56386.41016	56397.72963	56386.67188	504820.3	5410609.5
L4820.0	504820.4	5410611.3	42803.19922	416.54	0	48.848453	-86.934295	56389.56	56238	12.00	56401.57	56386.64844	56395.77111	56384.52344	504820.4	5410611.3
L4820.0	504820.4	5410611.3	42803.30078	416.35	0	48.848453	-86.934295	56390.00	56238	12.00	56402.00	56386.92969	56394.68074	56383.24609	504820.4	5410611.3
L4820.0	504820.4	5410613.1	42803.39844	416.82	0	48.848469	-86.934295	56390.48	56238	12.00	56402.48	56387.26172	56394.69731	56383.07422	504820.4	5410613.1
L4820.0	504820.4	5410615.0	42803.50000	415.97	0	48.848486	-86.934295	56390.98	56238	12.01	56402.99	56387.62109	56395.33353	56383.52734	504820.4	5410615.0
L4820.0	504820.4	5410615.0	42803.60156	418.19	0	48.848486	-86.934295	56391.25	56238	12.01	56403.25	56387.73828	56389.80974	56377.82031	504820.4	5410615.0
L4820.0	504820.4	5410616.9	42803.69922	416.35	0	48.848503	-86.934295	56392.24	56238	12.01	56404.25	56388.59375	56402.08146	56389.91016	504820.4	5410616.9
L4820.0	504820.4	5410618.6	42803.80078	415.99	0	48.848518	-86.934294	56392.50	56238	12.01	56404.50	56388.69922	56396.08566	56383.73438	504820.4	5410618.6
L4820.0	504820.4	5410618.6	42803.89844	415.74	0	48.848518	-86.934294	56393.34	56238	12.01	56405.35	56389.41016	56404.49004	56391.96094	504820.4	5410618.6
L4820.0	504820.4	5410620.1	42803.89844	415.74	0	48.848532	-86.934294	56393.70	56238	12.01	56405.71	56389.63281	56400.91180	56388.20703	504820.4	5410620.1

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4820.0	504820.5	5410621.6	42804.10156	417.46	0	48.848545	-86.934294	56393.98	56238	12.01	56405.99	56389.77344	56395.26953	56382.39063	504820.5	5410621.6
L4820.0	504820.5	5410621.6	42804.19922	417.22	0	48.848545	-86.934294	56394.67	56238	12.01	56406.68	56390.33203	56399.41779	56386.36719	504820.5	5410621.6
L4820.0	504820.5	5410623.3	42804.30078	417.01	0	48.848561	-86.934294	56395.33	56238	12.01	56407.34	56390.85938	56402.70416	56389.48047	504820.5	5410623.3
L4820.0	504820.5	5410625.1	42804.39844	418.23	0	48.848577	-86.934294	56395.66	56238	12.01	56407.68	56391.06641	56398.10627	56384.71484	504820.5	5410625.1
L4820.0	504820.5	5410627.1	42804.50000	419.30	0	48.848594	-86.934294	56396.71	56238	12.01	56408.72	56391.98047	56410.30496	56396.74609	504820.5	5410627.1
L4820.0	504820.5	5410627.1	42804.60156	419.88	0	48.848594	-86.934294	56396.96	56238	12.02	56408.97	56392.10156	56403.23652	56389.51563	504820.5	5410627.1
L4820.0	504820.5	5410628.8	42804.69922	419.47	0	48.848610	-86.934294	56397.30	56238	12.02	56409.31	56392.32031	56398.19346	56384.31250	504820.5	5410628.8
L4820.0	504820.5	5410630.0	42804.80078	419.48	0	48.848621	-86.934294	56398.01	56238	12.02	56410.03	56392.91797	56402.18968	56388.14844	504820.5	5410630.0
L4820.0	504820.5	5410630.0	42804.89844	417.76	0	48.848621	-86.934294	56398.29	56238	12.02	56410.31	56393.07813	56395.37586	56381.17578	504820.5	5410630.0
L4820.0	504820.4	5410631.5	42805.00000	416.06	0	48.848634	-86.934294	56399.01	56238	12.02	56411.03	56393.68359	56399.04432	56384.69141	504820.4	5410631.5
L4820.0	504820.4	5410633.5	42805.10156	418.12	0	48.848653	-86.934294	56399.75	56238	12.02	56411.76	56394.30078	56402.78400	56388.28125	504820.4	5410633.5
L4820.0	504820.4	5410635.2	42805.19922	419.46	0	48.848668	-86.934294	56400.13	56238	12.01	56412.14	56394.56641	56397.87785	56383.22656	504820.4	5410635.2
L4820.0	504820.4	5410635.2	42805.30078	420.47	0	48.848668	-86.934294	56400.71	56238	12.01	56412.72	56395.03906	56397.63166	56382.83203	504820.4	5410635.2
L4820.0	504820.4	5410637.2	42805.39844	419.14	0	48.848686	-86.934294	56401.48	56238	12.00	56413.48	56395.69531	56401.55659	56386.61328	504820.4	5410637.2
L4820.0	504820.4	5410639.0	42805.50000	418.42	0	48.848702	-86.934294	56401.94	56238	12.00	56413.94	56396.05078	56398.03131	56382.94531	504820.4	5410639.0
L4820.0	504820.4	5410639.0	42805.60156	418.11	0	48.848702	-86.934294	56402.73	56238	12.00	56414.73	56396.74219	56402.29752	56387.07422	504820.4	5410639.0
L4820.0	504820.4	5410640.8	42805.69922	416.88	0	48.848718	-86.934294	56403.57	56238	11.99	56415.57	56397.48438	56407.57401	56392.21484	504820.4	5410640.8
L4820.0	504820.4	5410642.5	42805.80078	416.59	0	48.848734	-86.934294	56403.86	56238	11.99	56415.84	56397.66016	56398.85118	56383.35938	504820.4	5410642.5
L4820.0	504820.4	5410642.5	42805.89844	416.04	0	48.848734	-86.934294	56404.37	56238	11.98	56416.35	56398.08203	56395.72684	56380.10547	504820.4	5410642.5
L4820.0	504820.4	5410644.0	42805.89844	416.04	0	48.848747	-86.934294	56405.26	56238	11.98	56417.24	56398.88281	56401.58409	56385.83594	504820.4	5410644.0
L4820.0	504820.4	5410645.8	42806.10156	415.93	0	48.848763	-86.934294	56405.64	56238	11.98	56417.62	56399.17969	56394.87902	56379.00781	504820.4	5410645.8
L4820.0	504820.4	5410645.8	42806.19922	413.76	0	48.848763	-86.934294	56406.33	56238	11.98	56418.31	56399.78906	56395.45142	56379.46094	504820.4	5410645.8
L4820.0	504820.4	5410649.2	42806.30078	412.79	0	48.848793	-86.934294	56406.99	56238	11.98	56418.97	56400.37109	56395.06790	56378.95703	504820.4	5410649.2
L4820.0	504820.4	5410649.2	42806.39844	412.61	0	48.848793	-86.934294	56408.12	56238	11.98	56420.10	56401.42969	56405.82396	56389.60156	504820.4	5410649.2
L4820.0	504820.4	5410651.0	42806.50000	411.99	0	48.848810	-86.934294	56408.47	56238	11.98	56420.45	56401.70703	56397.46338	56381.12891	504820.4	5410651.0
L4820.0	504820.4	5410651.0	42806.60156	414.97	0	48.848810	-86.934294	56409.44	56238	11.98	56421.42	56402.61328	56403.86257	56387.41797	504820.4	5410651.0
L4820.0	504820.4	5410652.7	42806.69922	415.72	0	48.848825	-86.934295	56410.21	56238	11.98	56422.19	56403.32031	56405.17182	56388.62500	504820.4	5410652.7
L4820.0	504820.4	5410652.7	42806.80078	416.56	0	48.848825	-86.934295	56410.92	56238	11.98	56422.90	56403.96875	56404.77441	56388.12500	504820.4	5410652.7
L4820.0	504820.4	5410654.2	42806.89844	415.90	0	48.848839	-86.934295	56411.38	56238	11.98	56423.36	56404.37500	56398.06736	56381.32031	504820.4	5410654.2
L4820.0	504820.4	5410654.2	42807.00000	416.89	0	48.848839	-86.934295	56412.45	56238	11.98	56424.43	56405.39063	56405.85879	56389.01953	504820.4	5410654.2
L4820.0	504820.4	5410655.9	42807.10156	419.13	0	48.848854	-86.934295	56413.20	56238	11.98	56425.18	56406.09375	56405.63717	56388.70703	504820.4	5410655.9
L4820.0	504820.4	5410657.6	42807.19922	419.03	0	48.848869	-86.934295	56413.78	56238	11.98	56425.77	56406.64063	56401.27010	56384.25391	504820.4	5410657.6
L4820.0	504820.4	5410659.4	42807.30078	418.30	0	48.848885	-86.934294	56414.73	56238	11.99	56426.71	56407.53906	56405.09568	56387.99609	504820.4	5410659.4
L4820.0	504820.4	5410661.0	42807.39844	417.76	0	48.848900	-86.934294	56415.54	56238	11.99	56427.53	56408.32031	56405.73512	56388.55469	504820.4	5410661.0
L4820.0	504820.4	5410661.0	42807.50000	418.93	0	48.848900	-86.934294	56416.28	56238	11.99	56428.27	56409.03125	56404.15229	56386.89453	504820.4	5410661.0
L4820.0	504820.4	5410662.5	42807.60156	420.99	0	48.848913	-86.934294	56417.38	56238	11.99	56429.37	56410.10156	56410.99160	56393.66016	504820.4	5410662.5
L4820.0	504820.4	5410664.3	42807.69922	420.11	0	48.848930	-86.934294	56418.30	56238	11.99	56430.29	56410.99609	56413.18063	56395.78125	504820.4	5410664.3
L4820.0	504820.4	5410664.3	42807.80078	419.42	0	48.848930	-86.934294	56418.78	56238	12.00	56430.78	56411.46484	56404.66543	56387.20313	504820.4	5410664.3
L4820.0	504820.4	5410665.8	42807.89844	419.22	0	48.848943	-86.934294	56419.96	56238	12.00	56431.96	56412.62891	56412.54759	56395.02344	504820.4	5410665.8
L4820.0	504820.4	5410667.4	42807.89844	419.22	0	48.848957	-86.934294	56420.82	56238	12.00	56432.82	56413.47656	56412.38075	56394.80078	504820.4	5410667.4
L4820.0	504820.4	5410669.2	42808.10156	416.61	0	48.848974	-86.934294	56421.48	56238	12.00	56433.48	56414.12891	56407.06592	56389.43359	504820.4	5410669.2
L4820.0	504820.4	5410670.4	42808.19922	417.11	0	48.848985	-86.934294	56422.79	56238	12.00	56434.79	56415.43750	56417.17101	56399.48828	504820.4	5410670.4
L4820.0	504820.4	5410670.4	42808.30078	416.48	0	48.848985	-86.934294	56423.79	56238	12.00	56435.78	56416.42578	56419.21836	56401.49219	504820.4	5410670.4
L4820.0	504820.4	5410672.3	42808.39844	416.76	0	48.849001	-86.934294	56424.40	56238	12.00	56436.39	56417.04297	56411.75349	56393.98438	504820.4	5410672.3
L4820.0	504820.4	5410673.5	42808.50000	415.34	0	48.849013	-86.934294	56425.78	56238	12.00	56437.77	56418.42969	56422.60531	56404.80078	504820.4	5410673.5
L4820.0	504820.4	5410675.3	42808.60156	414.59	0	48.849028	-86.934294	56426.52	56238	11.99	56438.51	56419.18359	56417.64850	56399.81250	504820.4	5410675.3
L4820.0	504820.4	5410675.3	42808.69922	414.91	0	48.849028	-86.934294	56427.92	56238	11.99	56439.91	56420.60156	56428.34267	56410.47656	504820.4	5410675.3
L4820.0	504820.4	5410677.3	42808.80078	417.83	0	48.849046	-86.934294	56428.64	56238	11.99	56440.63	56421.34375	56422.25714	56404.36719	504820.4	5410677.3
L4820.0	504820.4	5410678.7	42808.89844	414.68	0	48.849059	-86.934294	56429.66	56238	11.99	56441.65	56422.39063	56423.10777	56405.19922	504820.4	5410678.7
L4820.0	504820.4	5410678.7	42809.00000	413.91	0	48.849059	-86.934294	56430.52	56238	11.99	56442.51	56423.28516	56419.76133	56401.83594	504820.4	5410678.7
L4820.0	504820.4	5410680.2	42809.10156	415.34	0	48.849073	-86.934293	56431.68	56238	11.99	56443.67	56424.48047	56423.34983	56405.41406	504820.4	5410680.2
L4820.0	504820.4	5410681.7	42809.19922	414.86	0	48.849086	-86.934293	56432.87	56238	11.99	56444.86	56425.71094	56427.33884	56409.39844	504820.4	5410681.7
L4820.0	504820.4	5410681.7	42809.30078	415.30	0	48.849086	-86.934293	56433.96	56238	11.99	56445.95	56426.84375	56428.58245	56410.64063	504820.4	5410681.7
L4820.0	504820.5	5410683.4	42809.39844	413.27	0	48.849101	-86.934293	56435.20	56238	11.99	56447.18	56428.12109	56432.88942	56414.94922	504820.5	5410683.4
L4820.0	504820.5	5410685.1	42809.50000	413.82	0	48.849117	-86.934293	56436.19	56238	11.99	56448.18	56429.17578	56431.30628	56413.37109	504820.5	5410685.1
L4820.0	504820.5	5410686.6	42809.60156	416.24	0	48.849130	-86.934293	56437.21	56238	11.99	56449.20	56430.25391	56429.88452	56411.96484	504820.5	5410686.6
L4820.0	504820.5	5410686.6	42809.69922	417.68	0	48.849130	-86.934293	56438.08	56238	11.99	56450.07	56431.18750	56424.51160	56406.60547	504820.5	5410686.6
L4820.0	504820.5	5410688.6	42809.80078	417.14	0	48.849148	-86.934293	56439.36	56238	11.99	56451.35	56432.53516	56428.74206	56410.85938	504820.5	5410688.6
L4820.0	504820.5	5410690.3	42809.89844	417.83	0	48.849163	-86.934293	56440.58	56238	11.99	56452.57	56433.82422	56431.20378	56413.34375	504820.5	5410690.3
L4820.0	504820.5	5410692.1	42809.89844	417.83	0	48.849179	-86.934293	56441.65	56238	11.99	56453.64	56434.97266	56429.72145	56411.89453	504820.5	5410692.1
L4820.0	504820.5	5410692.1	42810.10156	415.70	0	48.849179	-86.934293	56442.72	56238	11.99	56454.71	56436.12109	56427.92834	56410.13672	504820.5	5410692.1
L4820.0	504820.5	5410693.8	42810.19922	415.25	0	48.849195	-86.934293	56444.25	56238	11.99	56456.24	56437.73828	56436.96043	56419.20703	504820.5	5410693.8
L4820.0	504820.5	5410693.8	42810.30078	416.30	0	48.849195	-86.934293	56445.76	56238	11.99	56457.75	56439.33594	56445.20518	56427.49609	504820.5	5410693.8
L4820.0	504820.5	5410695.3	42810.39844	417.07	0	48.849208	-86.934293	56446.81	56238	11.99	56458.79	56440.46875	56441.77648	56424.11719	504820.5	5410695.3
L4820.0	504820.5	5410697.0	42810.50000	416.91	0	48.849224	-86.934292	56447.98	56238	11.99	56459.97	56441.75000	56441.44164	56423.83594	504820.5	5410697.0
L4820.0	504820.5	5410698.6	42810.60156	416.07	0	48.849238	-86.934292	56449.43	56238	11.99	56461.42	56443.30078	56447.35192	56429.80469	504820.5	5410698.6
L4820.0	504820.5	5410698.6	42810.69922	416.68	0	48.849238	-86.934292	56450.56	56238	11.99	56462.55	56444.53906	56445.23426	56427.75000	504820.5	5410698.6
L4820.0	504820.5	5410700.1	42810.80078	418.14	0	48.849252	-86.934292	56451.66	56238	11.99	56463.65	56445.75000	56442.11288	56424.69922	504820.5	5410700.1
L4820.0	504820.5	5410701.9	42810.89844	416.43	0	48.849267	-86.934292	56453.11	56238	11.99	56465.10	56447.31641	56447.19048	56429.85156	504820.5	5410701.9
L4820.0	504820.5	5410701.9	42811.00000	415.64	0	48.849267	-86.934292	56454.62	56238	11.99	56466.61	56448.94531	56453.45549	56436.19141	504820.5	5410701.9
L4820.0	504820.5	5410703.7	42811.10156	415.26	0	48.849284	-86.934292	56456.02	56238	11.99	56468.01	56450.46875	56456.80086	56439.62109	504820.5	5410703.7
L4820.0	504820.5	5410705.5	42811.19922	417.39	0	48.849300	-86.934292	56457.12	56238	11.99	56469.11	56451.69922	56452.63591	56435.54688	504820.5	5410705.5
L4820.0	504820.5	5410705.5	42811.30078	416.49	0	48.849300	-86.934292	56458.54	56238	11.99	56470.54	56453.26172	56456.21514	56439.21875	504820.5	5410705.5
L4820.0	504820.6	5410707.1	42811.39844	418.93	0	48.849315	-86.934292	56460.05	56238	11.99	56472.04	56454.89844	56461.25458	56444.35547	504820.6	5410707.1
L4820.0	504820.6	5410708.9	42811.50000	421.93	0	48.849331	-86.934292	56461.71	56238	11.99	56473.70	56456.69922	56469.94095	56453.14453	504820.6	5410708.9
L4820.0	504820.6	5410708.9	42811.60156	422.11	0	48.849331	-86.934292	56462.78	56238	12.00	56474.77	56457.91406	56464.13253	56447.44141	504820.6	5410708.9
L4820.0	504820.6	5410710.4	42811.69922	418.21	0	48.849345	-86.934291	56464.24	56238	12.00	56476.23	56459.52344	56467.55564	56450.98047	504820.6	5410710.4
L4820.0	504820.6	5410711.5	42811.80078	414.93	0	48.849354	-86.934291	56465.87	56238	12.00	56477.86	56461.30859	56474.89577	56458.43750	504820.6	5410711.5
L4820.0	504820.6	5410713.3	42811.89844	415.06	0	48.849370	-86.934291	56467.38	56238	12.00	56479.37	56462.97266	56479.14471	56462.80859	504820.6	5410713.3
L4820.0	504820.6	5410714.8	42811.89844	415.06	0	48.849384	-86.934291	56468.70	56238	12.00	56480.70	56464.46484	56478.86075	56462.65234	504820.6	5410714.8
L4820.0	504820.6	5410714.8	42812.10156	415.39	0	48.849384	-86.934291	56470.59	56238	12.00	56482.59	56466.51953	56491.96334	56475.88672	504820.6	5410714.8
L4820.0	504820.6	5410716.5	42812.19922	413.96	0	48.849399	-86.934291	56471.51	56238	12.00	56483.51	56467.60938	56481.43597	56465.49609	504820.6	5410716.5
L4820.0	504820.6	5410718.0	42812.30078	415.39	0	48.849413	-86.934291	56472.96	56238	12.00	56484.96	56469.23047	56483.59140	56467.79688	504820.6	5410718.0
L4820.0	504820.6	5410719.6	42812.39844	415.65	0	48.849427	-86.934291	56474.75	56238	12.00	56486.75	56471.19922	56493.84302	56478.19531	504820.6	5410719.6
L4820.0	504820.6	5410719.6	42812.50000	415.69	0	48.849427	-86.934291	56476.13	56238	12.00	56488.13	56472.75781	56494.05193	56478.55469	504820.6	5410719.6
L4820.0	504820.6	5410721.6	42812.60156	414.50	0	48.849445	-86.934291	56477.94	56238	12.00	56489.94	56474.75391	56504.55904	56489.21875	504820.6	5410721.6
L4820.0	504820.6	5410721.6	42812.69922	415.33	0	48.849445	-86.934291	56478.81	56238	12.00	56490.81	56475.80859	56492.22131	56477.04297	504820.6	5410721.6
L4820.0	504820.6	5410723.3	42812.80078	415.55	0	48.849460	-86.934291	56480.54	56238	12.00	56492.54	56477.73047	56500.61306	56485.60156	504820.6	5410723.3
L4820.0	504820.6	5410724.7	42812.89844	415.72	0	48.849472	-86.934291	56481.89	56238	12.00	56493.89	56479.27344	56499.73779	56484.89844	504820.6	5410724.7
L4820.0	504820.6	5410726.2	42813.00000	414.63	0	48.849486	-86.934291	56483.68	56238	12.00	56495.68	56481.26172	56509.45323	56494.78516	504820.6	5410726.2
L4820.0	504820.5	5410727.5	42813.10156	416.26	0	48.849498	-86.934292	56485.46	56238	12.00	56497.47	56483.25391	56519.12404	56504.63672	504820.5	5410727.5
L4820.0	504820.5	5410727.5	42813.19922	419.12	0	48.849498	-86.934292	56486.67	56238	12.01	56498.67	56484.65625	56514.48487	56500.18359	504820.5	5410727.5
L4820.0	504820.5	5410729.3	42813.30078	416.32	0	48.849514	-86.934292	56488.61	56238	12.01	56500.62	56486.81250	56527.97838	56513.87109	504820.5	5410729.3

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4820.0	504820.5	5410729.3	42813.39844	415.90	0	48.849514	-86.934292	56489.66	56238	12.01	56501.67	56488.07422	56519.68644	56505.76953	504820.5	5410729.3
L4820.0	504820.5	5410731.1	42813.50000	416.53	0	48.849531	-86.934292	56491.37	56238	12.01	56503.38	56489.99609	56527.37613	56513.66016	504820.5	5410731.1
L4820.0	504820.5	5410732.5	42813.60156	416.25	0	48.849543	-86.934292	56493.13	56238	12.02	56505.14	56491.97266	56536.29849	56522.78516	504820.5	5410732.5
L4820.0	504820.5	5410733.9	42813.69922	414.24	0	48.849556	-86.934292	56494.30	56238	12.02	56506.32	56493.37109	56531.22058	56517.91406	504820.5	5410733.9
L4820.0	504820.5	5410733.9	42813.80078	415.25	0	48.849556	-86.934292	56495.96	56238	12.02	56507.98	56495.25391	56537.80916	56524.71875	504820.5	5410733.9
L4820.0	504820.5	5410735.6	42813.89844	414.37	0	48.849571	-86.934292	56497.84	56238	12.03	56509.87	56497.36719	56550.02771	56537.15234	504820.5	5410735.6
L4820.0	504820.5	5410735.6	42813.89844	414.37	0	48.849571	-86.934292	56498.77	56238	12.03	56510.79	56498.51172	56538.84876	56526.19531	504820.5	5410735.6
L4820.0	504820.5	5410737.8	42814.10156	416.70	0	48.849591	-86.934292	56500.53	56238	12.03	56512.56	56500.51172	56548.33180	56535.90234	504820.5	5410737.8
L4820.0	504820.5	5410739.4	42814.19922	416.99	0	48.849605	-86.934292	56501.93	56238	12.03	56513.95	56502.13281	56548.72324	56536.52344	504820.5	5410739.4
L4820.0	504820.5	5410741.0	42814.30078	416.92	0	48.849619	-86.934292	56503.26	56238	12.03	56515.28	56503.69922	56547.78099	56535.81641	504820.5	5410741.0
L4820.0	504820.5	5410741.0	42814.39844	416.93	0	48.849619	-86.934292	56504.99	56238	12.03	56517.01	56505.66406	56556.65097	56544.92188	504820.5	5410741.0
L4820.0	504820.5	5410742.9	42814.50000	414.31	0	48.849637	-86.934292	56506.78	56238	12.02	56518.80	56507.69141	56567.11822	56555.63281	504820.5	5410742.9
L4820.0	504820.5	5410744.7	42814.60156	412.28	0	48.849653	-86.934292	56508.16	56238	12.02	56520.18	56509.31250	56567.82152	56556.57813	504820.5	5410744.7
L4820.0	504820.5	5410744.7	42814.69922	413.90	0	48.849653	-86.934292	56509.69	56238	12.02	56521.71	56511.08594	56572.32653	56561.33594	504820.5	5410744.7
L4820.0	504820.5	5410746.7	42814.80078	414.57	0	48.849671	-86.934292	56511.22	56238	12.02	56523.24	56512.85938	56577.01603	56566.27734	504820.5	5410746.7
L4820.0	504820.5	5410748.2	42814.89844	412.28	0	48.849684	-86.934292	56512.27	56238	12.02	56524.29	56514.15625	56570.28629	56559.80469	504820.5	5410748.2
L4820.0	504820.5	5410748.2	42815.00000	412.05	0	48.849684	-86.934292	56514.06	56238	12.02	56526.07	56516.18359	56581.43305	56571.21094	504820.5	5410748.2
L4820.0	504820.5	5410750.0	42815.10156	413.82	0	48.849700	-86.934292	56515.46	56238	12.02	56527.48	56517.83984	56583.84756	56573.89063	504820.5	5410750.0
L4820.0	504820.5	5410751.5	42815.19922	414.40	0	48.849714	-86.934292	56516.76	56238	12.03	56528.78	56519.39063	56583.83415	56574.14453	504820.5	5410751.5
L4820.0	504820.5	5410751.5	42815.30078	413.90	0	48.849714	-86.934292	56518.37	56238	12.03	56530.40	56521.26563	56591.81110	56582.39453	504820.5	5410751.5
L4820.0	504820.4	5410753.6	42815.39844	412.01	0	48.849733	-86.934293	56519.38	56238	12.03	56531.42	56522.53906	56585.52506	56576.38281	504820.4	5410753.6
L4820.0	504820.4	5410755.6	42815.50000	413.20	0	48.849751	-86.934293	56520.54	56238	12.04	56532.57	56523.94141	56582.65403	56573.78906	504820.4	5410755.6
L4820.0	504820.4	5410755.6	42815.60156	414.87	0	48.849751	-86.934293	56522.50	56238	12.04	56534.53	56526.15625	56599.66567	56591.08203	504820.4	5410755.6
L4820.0	504820.4	5410756.8	42815.69922	413.96	0	48.849762	-86.934293	56523.75	56238	12.04	56535.79	56527.67578	56600.02717	56591.72656	504820.4	5410756.8
L4820.0	504820.4	5410758.7	42815.80078	415.14	0	48.849778	-86.934293	56524.92	56238	12.04	56536.97	56529.11328	56598.75348	56590.74219	504820.4	5410758.7
L4820.0	504820.4	5410758.7	42815.89844	415.22	0	48.849778	-86.934293	56526.31	56238	12.05	56538.35	56530.75000	56602.63090	56594.91016	504820.4	5410758.7
L4820.0	504820.4	5410760.4	42815.89844	415.22	0	48.849794	-86.934293	56527.84	56238	12.05	56539.88	56532.53906	56610.45904	56603.03125	504820.4	5410760.4
L4820.0	504820.4	5410762.2	42816.10156	415.22	0	48.849810	-86.934293	56529.06	56238	12.05	56541.11	56534.02734	56611.35676	56604.22266	504820.4	5410762.2
L4820.0	504820.4	5410763.9	42816.19922	416.21	0	48.849826	-86.934293	56530.36	56238	12.05	56542.41	56535.58984	56614.28737	56607.45313	504820.4	5410763.9
L4820.0	504820.4	5410763.9	42816.30078	416.93	0	48.849826	-86.934293	56531.79	56238	12.05	56543.83	56537.26953	56620.46948	56613.93750	504820.4	5410763.9
L4820.0	504820.4	5410766.0	42816.39844	417.60	0	48.849844	-86.934293	56533.06	56238	12.05	56545.11	56538.81250	56623.61900	56617.39063	504820.4	5410766.0
L4820.0	504820.4	5410767.6	42816.50000	416.01	0	48.849858	-86.934293	56533.81	56238	12.04	56545.85	56539.81250	56614.06334	56608.13672	504820.4	5410767.6
L4820.0	504820.4	5410767.6	42816.60156	416.19	0	48.849858	-86.934293	56535.52	56238	12.04	56547.56	56541.78516	56628.35338	56622.73438	504820.4	5410767.6
L4820.0	504820.4	5410769.1	42816.69922	416.75	0	48.849872	-86.934293	56536.41	56238	12.04	56548.45	56542.93359	56623.17634	56617.87109	504820.4	5410769.1
L4820.0	504820.4	5410769.1	42816.80078	418.45	0	48.849872	-86.934293	56537.45	56238	12.04	56549.50	56544.24609	56622.25577	56617.26172	504820.4	5410769.1
L4820.0	504820.4	5410772.7	42816.89844	416.50	0	48.849905	-86.934293	56538.68	56238	12.04	56550.72	56545.72656	56625.83987	56621.16016	504820.4	5410772.7
L4820.0	504820.4	5410772.7	42817.00000	414.21	0	48.849905	-86.934293	56540.06	56238	12.04	56552.10	56547.36719	56633.69240	56629.32813	504820.4	5410772.7
L4820.0	504820.4	5410774.2	42817.10156	415.70	0	48.849918	-86.934292	56540.85	56238	12.04	56552.89	56548.41797	56627.66797	56623.62109	504820.4	5410774.2
L4820.0	504820.4	5410775.5	42817.19922	413.44	0	48.849929	-86.934292	56542.10	56238	12.04	56554.14	56549.92969	56633.18257	56629.45313	504820.4	5410775.5
L4820.0	504820.4	5410775.5	42817.30078	412.58	0	48.849929	-86.934292	56542.96	56238	12.04	56555.00	56551.04688	56629.66991	56626.26172	504820.4	5410775.5
L4820.0	504820.4	5410777.2	42817.39844	414.83	0	48.849945	-86.934292	56543.98	56238	12.04	56556.02	56552.32813	56630.44467	56627.35938	504820.4	5410777.2
L4820.0	504820.5	5410779.0	42817.50000	415.38	0	48.849961	-86.934292	56545.26	56238	12.03	56557.30	56553.86328	56637.93068	56635.16797	504820.5	5410779.0
L4820.0	504820.5	5410779.0	42817.60156	414.97	0	48.849961	-86.934292	56546.34	56238	12.03	56558.37	56555.19141	56640.75681	56638.32031	504820.5	5410779.0
L4820.0	504820.5	5410780.6	42817.69922	414.27	0	48.849976	-86.934292	56547.28	56238	12.03	56559.31	56556.39063	56640.86207	56638.75000	504820.5	5410780.6
L4820.0	504820.5	5410782.2	42817.80078	414.00	0	48.849990	-86.934292	56548.18	56238	12.03	56560.21	56557.54297	56640.42711	56638.64453	504820.5	5410782.2
L4820.0	504820.5	5410784.0	42817.89844	414.00	0	48.850006	-86.934292	56549.29	56238	12.03	56561.32	56558.91016	56645.50435	56644.04688	504820.5	5410784.0
L4820.0	504820.5	5410784.0	42817.89844	414.00	0	48.850006	-86.934292	56550.02	56238	12.03	56562.05	56559.89063	56641.81699	56640.68750	504820.5	5410784.0
L4820.0	504820.5	5410785.9	42818.10156	415.93	0	48.850024	-86.934292	56551.29	56238	12.03	56563.32	56561.41406	56651.63136	56650.82813	504820.5	5410785.9
L4820.0	504820.5	5410787.5	42818.19922	416.62	0	48.850038	-86.934291	56551.77	56238	12.04	56563.81	56562.15625	56643.00325	56642.53125	504820.5	5410787.5
L4820.0	504820.5	5410787.5	42818.30078	414.71	0	48.850038	-86.934291	56552.85	56238	12.04	56564.89	56563.48438	56649.08871	56648.94922	504820.5	5410787.5
L4820.0	504820.5	5410789.3	42818.39844	415.84	0	48.850054	-86.934291	56553.61	56238	12.05	56565.65	56564.49219	56647.86525	56648.05469	504820.5	5410789.3
L4820.0	504820.5	5410790.9	42818.50000	415.52	0	48.850069	-86.934291	56554.22	56237.9	12.05	56566.27	56565.35938	56643.68908	56644.20703	504820.5	5410790.9
L4820.0	504820.5	5410792.5	42818.60156	416.27	0	48.850083	-86.934291	56555.17	56237.9	12.05	56567.22	56566.55078	56647.93442	56648.78125	504820.5	5410792.5
L4820.0	504820.5	5410792.5	42818.69922	416.28	0	48.850083	-86.934291	56555.72	56237.9	12.06	56567.78	56567.35547	56643.17599	56644.35547	504820.5	5410792.5
L4820.0	504820.6	5410793.8	42818.80078	416.39	0	48.850095	-86.934291	56556.45	56237.9	12.06	56568.51	56568.32422	56642.96551	56644.47656	504820.6	5410793.8
L4820.0	504820.6	5410795.3	42818.89844	416.84	0	48.850108	-86.934291	56557.56	56237.9	12.07	56569.63	56569.68359	56652.62604	56654.46484	504820.6	5410795.3
L4820.0	504820.6	5410795.3	42819.00000	415.44	0	48.850108	-86.934291	56558.22	56237.9	12.07	56570.29	56570.58203	56651.58536	56653.75000	504820.6	5410795.3
L4820.0	504820.6	5410797.6	42819.10156	417.71	0	48.850128	-86.934290	56558.89	56237.9	12.07	56570.96	56571.48828	56651.21629	56653.71094	504820.6	5410797.6
L4820.0	504820.6	5410799.5	42819.19922	418.25	0	48.850145	-86.934290	56559.73	56237.9	12.07	56571.80	56572.55859	56655.38911	56658.21484	504820.6	5410799.5
L4820.0	504820.6	5410801.3	42819.30078	417.64	0	48.850162	-86.934290	56560.40	56237.9	12.07	56572.47	56573.46094	56655.87337	56659.02344	504820.6	5410801.3
L4820.0	504820.6	5410801.3	42819.39844	416.68	0	48.850162	-86.934290	56560.58	56237.9	12.07	56572.65	56573.87109	56644.92244	56648.39844	504820.6	5410801.3
L4820.0	504820.6	5410803.2	42819.50000	419.55	0	48.850179	-86.934290	56561.52	56237.9	12.07	56573.59	56575.03516	56652.78505	56656.58594	504820.6	5410803.2
L4820.0	504820.6	5410804.7	42819.60156	418.65	0	48.850193	-86.934290	56561.98	56237.9	12.07	56574.05	56575.71875	56649.44930	56653.57422	504820.6	5410804.7
L4820.0	504820.6	5410804.7	42819.69922	416.90	0	48.850193	-86.934290	56562.46	56237.9	12.07	56574.53	56576.42188	56647.01282	56651.46484	504820.6	5410804.7
L4820.0	504820.6	5410806.6	42819.80078	417.26	0	48.850210	-86.934289	56563.18	56237.9	12.07	56575.25	56577.35938	56650.79682	56655.57031	504820.6	5410806.6
L4820.0	504820.6	5410808.2	42819.89844	417.66	0	48.850224	-86.934289	56563.92	56237.9	12.07	56575.99	56578.31641	56655.47396	56660.56641	504820.6	5410808.2
L4820.0	504820.6	5410809.9	42819.89844	417.66	0	48.850240	-86.934289	56564.17	56237.9	12.07	56576.24	56578.78125	56648.69848	56654.10938	504820.6	5410809.9
L4820.0	504820.6	5410811.5	42820.10156	416.68	0	48.850254	-86.934289	56565.05	56237.9	12.07	56577.12	56579.87109	56657.57210	56663.30078	504820.6	5410811.5
L4820.0	504820.6	5410812.7	42820.19922	416.90	0	48.850265	-86.934289	56565.42	56237.9	12.07	56577.49	56580.44922	56654.50226	56660.54688	504820.6	5410812.7
L4820.0	504820.6	5410812.7	42820.30078	417.95	0	48.850265	-86.934289	56565.73	56237.9	12.07	56577.80	56580.96484	56650.37584	56656.73438	504820.6	5410812.7
L4820.0	504820.6	5410814.2	42820.39844	419.48	0	48.850278	-86.934289	56566.32	56237.9	12.07	56578.39	56581.75781	56653.41759	56660.08984	504820.6	5410814.2
L4820.0	504820.6	5410816.2	42820.50000	418.85	0	48.850296	-86.934289	56567.11	56237.9	12.07	56579.18	56582.74609	56661.68776	56668.66797	504820.6	5410816.2
L4820.0	504820.6	5410816.2	42820.60156	416.24	0	48.850296	-86.934289	56567.01	56237.9	12.07	56579.08	56582.84375	56648.80358	56656.09375	504820.6	5410816.2
L4820.0	504820.6	5410817.7	42820.69922	415.53	0	48.850309	-86.934289	56567.28	56237.9	12.07	56579.35	56583.30859	56645.25456	56652.85156	504820.6	5410817.7
L4820.0	504820.6	5410819.2	42820.80078	417.61	0	48.850323	-86.934289	56567.73	56237.9	12.07	56579.80	56583.94922	56646.43876	56654.33984	504820.6	5410819.2
L4820.0	504820.7	5410820.7	42820.89844	414.45	0	48.850337	-86.934289	56568.26	56237.9	12.07	56580.33	56584.66797	56649.93232	56658.13672	504820.7	5410820.7
L4820.0	504820.7	5410820.7	42821.00000	413.98	0	48.850337	-86.934289	56568.74	56237.9	12.07	56580.81	56585.33203	56652.58538	56661.08594	504820.7	5410820.7
L4820.0	504820.7	5410822.5	42821.10156	413.51	0	48.850352	-86.934289	56568.95	56237.9	12.07	56581.02	56585.72266	56649.06997	56657.87109	504820.7	5410822.5
L4820.0	504820.7	5410822.5	42821.19922	414.81	0	48.850352	-86.934289	56569.71	56237.9	12.07	56581.79	56586.67188	56659.46919	56668.56641	504820.7	5410822.5
L4820.0	504820.7	5410825.7	42821.30078	415.25	0	48.850381	-86.934288	56569.64	56237.9	12.08	56581.71	56586.76953	56649.65596	56659.04688	504820.7	5410825.7
L4820.0	504820.7	5410825.7	42821.39844	413.71	0	48.850381	-86.934288	56570.07	56237.9	12.08	56582.15	56587.38281	56652.78200	56662.46094	504820.7	5410825.7
L4820.0	504820.7	5410827.4	42821.50000	414.64	0	48.850397	-86.934288	56570.48	56237.9	12.08	56582.56	56587.96094	56655.53315	56665.50000	504820.7	5410827.4
L4820.0	504820.7	5410827.4	42821.60156	415.02	0	48.850397	-86.934288	56570.87	56237.9	12.08	56582.95	56588.51563	56658.14787	56668.39844	504820.7	5410827.4
L4820.0	504820.8	5410829.3	42821.69922	415.48	0	48.850413	-86.934287	56570.84	56237.9	12.08	56582.92	56588.64844	56650.94228	56661.47656	504820.8	5410829.3
L4820.0	504820.8	5410830.6	42821.80078	417.26	0	48.850426	-86.934287	56571.24	56237.9	12.09	56583.33	56589.21875	56654.72580	56665.53906	504820.8	5410830.6
L4820.0	504820.8	5410832.1	42821.89844	416.44	0	48.850439	-86.934287	56571.55	56237.9	12.09	56583.64	56589.68359	56656.42652	56667.51563	504820.8	5410832.1
L4820.0	504820.8	5410833.6	42821.89844	416.44	0	48.850452	-86.934287	56571.32	56237.9	12.09	56583.41	56589.60938	56645.39272	56656.75391	504820.8	5410833.6
L4820.0	504820.8	5410833.6	42822.10156	416.91	0	48.850452	-86.934287	56571.91	56237.9	12.09	56584.00	56590.34766	56654.53451	56666.16797	504820.8	5410833.6
L4820.0	504820.8	5410833.6	42822.19922	414.17	0	48.850452	-86.934287	56571.73	56237.9	12.09	56583.82	56590.31250	56645.36919	56657.27344	504820.8	5410833.6
L4820.0	504820.8	5410835.7	42822.30078	413.95	0	48.850471	-86.934286	56571.93	56237.9	12.09	56584.03	56590.66797	56645.96683	56658.13672	504820.8	5410835.7
L4820.0	504820.9	5410838.8	42822.39844	416.35	0	48.850499	-86.934286	56572.44	56237.9	12.09	56584.53	56591.30469	56653.90432	56666.33594	504820.9	5410838.8
L4820.0	504820.9	5410838.8	42822.50000	416.40	0	48.850499	-86.934286	56572.36	56237.9	12.10	56584.46	56591.37109	56648.36590	56661.05469	504820.9	5410838.8
L4820.0	504820.9	5410840.1	42822.60156	417.09	0	48.850511	-86.934286	56572.57	56237.9	12.10	56584.67	56591.71484	56649.91957	56662.86719	504820.9	5410840.1

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4820.0	504820.9	5410840.1	42822.69922	416.56	0	48.850511	-86.934286	56572.52	56237.9	12.10	56584.62	56591.79297	56645.49401	56658.69531	504820.9	5410840.1
L4820.0	504820.9	5410842.1	42822.80078	416.45	0	48.850529	-86.934285	56572.75	56237.9	12.10	56584.84	56592.14063	56647.91305	56661.36719	504820.9	5410842.1
L4820.0	504820.9	5410843.6	42822.89844	415.81	0	48.850542	-86.934285	56573.21	56237.9	12.10	56585.31	56592.73438	56656.69002	56670.39063	504820.9	5410843.6
L4820.0	504820.9	5410845.0	42823.00000	416.39	0	48.850555	-86.934285	56573.18	56237.9	12.10	56585.28	56592.82422	56653.67163	56667.61719	504820.9	5410845.0
L4820.0	504820.9	5410845.0	42823.10156	415.32	0	48.850555	-86.934285	56572.98	56237.9	12.10	56585.08	56592.73828	56646.84167	56661.02734	504820.9	5410845.0
L4820.0	504821.0	5410847.3	42823.19922	416.85	0	48.850576	-86.934284	56573.18	56237.9	12.10	56585.28	56593.05078	56649.99225	56664.41797	504821.0	5410847.3
L4820.0	504821.0	5410848.8	42823.30078	414.36	0	48.850589	-86.934284	56573.11	56237.9	12.10	56585.22	56593.10156	56647.14830	56661.81250	504821.0	5410848.8
L4820.0	504821.0	5410848.8	42823.39844	414.15	0	48.850589	-86.934284	56573.06	56237.9	12.10	56585.16	56593.14453	56644.59972	56659.49609	504821.0	5410848.8
L4820.0	504821.0	5410850.9	42823.50000	415.67	0	48.850608	-86.934284	56573.39	56237.9	12.10	56585.50	56593.58984	56652.02457	56667.15234	504821.0	5410850.9
L4820.0	504821.0	5410852.1	42823.60156	416.16	0	48.850619	-86.934284	56573.31	56237.9	12.11	56585.42	56593.60938	56649.57573	56664.92969	504821.0	5410852.1
L4820.0	504821.0	5410853.5	42823.69922	416.04	0	48.850632	-86.934284	56573.21	56237.9	12.11	56585.32	56593.60156	56646.93132	56662.51172	504821.0	5410853.5
L4820.0	504821.0	5410853.5	42823.80078	415.08	0	48.850632	-86.934284	56573.36	56237.9	12.11	56585.47	56593.84766	56650.62334	56666.42578	504821.0	5410853.5
L4820.0	504821.0	5410855.1	42823.89844	414.90	0	48.850646	-86.934284	56573.23	56237.9	12.11	56585.34	56593.80469	56647.82300	56663.84375	504821.0	5410855.1
L4820.0	504821.0	5410855.1	42823.89844	414.90	0	48.850646	-86.934284	56573.04	56237.9	12.11	56585.14	56593.69141	56643.61024	56659.84766	504821.0	5410855.1
L4820.0	504821.0	5410857.1	42824.10156	418.80	0	48.850664	-86.934283	56573.34	56237.9	12.11	56585.45	56594.08594	56652.01937	56668.46875	504821.0	5410857.1
L4820.0	504821.1	5410858.8	42824.19922	418.61	0	48.850679	-86.934283	56573.16	56237.9	12.11	56585.27	56593.98438	56648.84710	56665.51172	504821.1	5410858.8
L4820.0	504821.1	5410860.6	42824.30078	417.99	0	48.850695	-86.934283	56573.18	56237.9	12.12	56585.30	56594.08984	56651.03181	56667.90234	504821.1	5410860.6
L4820.0	504821.1	5410860.6	42824.39844	417.92	0	48.850695	-86.934283	56573.24	56237.9	12.12	56585.36	56594.22266	56654.21497	56671.29297	504821.1	5410860.6
L4820.0	504821.1	5410861.9	42824.50000	417.76	0	48.850707	-86.934283	56573.00	56237.9	12.12	56585.12	56594.05469	56650.40783	56667.68750	504821.1	5410861.9
L4820.0	504821.1	5410863.7	42824.60156	416.32	0	48.850724	-86.934283	56572.70	56237.9	12.12	56584.82	56593.82031	56645.41618	56662.89844	504821.1	5410863.7
L4820.0	504821.1	5410863.7	42824.69922	415.03	0	48.850724	-86.934283	56572.80	56237.9	12.12	56584.92	56593.98438	56650.36996	56668.05078	504821.1	5410863.7
L4820.0	504821.1	5410865.5	42824.80078	414.47	0	48.850739	-86.934283	56572.57	56237.9	12.13	56584.70	56593.82422	56647.84186	56665.72266	504821.1	5410865.5
L4820.0	504821.1	5410866.9	42824.89844	416.25	0	48.850752	-86.934283	56572.32	56237.9	12.13	56584.45	56593.63281	56644.84748	56662.92188	504821.1	5410866.9
L4820.0	504821.0	5410868.2	42825.00000	413.79	0	48.850763	-86.934283	56572.70	56237.9	12.13	56584.83	56594.06641	56657.35671	56675.62109	504821.0	5410868.2
L4820.0	504821.0	5410868.2	42825.10156	413.77	0	48.850763	-86.934283	56572.08	56237.9	12.13	56584.21	56593.50000	56645.91908	56664.37500	504821.0	5410868.2
L4820.0	504821.0	5410869.6	42825.19922	414.42	0	48.850777	-86.934283	56571.88	56237.9	12.13	56584.01	56593.34766	56644.89701	56663.54297	504821.0	5410869.6
L4820.0	504821.0	5410871.1	42825.30078	417.48	0	48.850790	-86.934283	56571.75	56237.9	12.13	56583.89	56593.27344	56646.05909	56664.89063	504821.0	5410871.1
L4820.0	504821.0	5410871.1	42825.39844	417.49	0	48.850790	-86.934283	56571.42	56237.9	12.13	56583.56	56592.98828	56642.38382	56661.39844	504821.0	5410871.1
L4820.0	504821.0	5410873.5	42825.50000	416.62	0	48.850812	-86.934284	56571.24	56237.9	12.13	56583.38	56592.84766	56642.58021	56661.77734	504821.0	5410873.5
L4820.0	504821.0	5410875.2	42825.60156	416.59	0	48.850827	-86.934284	56571.12	56237.9	12.14	56583.26	56592.76563	56644.46670	56663.84375	504821.0	5410875.2
L4820.0	504821.0	5410876.7	42825.69922	417.51	0	48.850840	-86.934284	56570.81	56237.9	12.14	56582.95	56592.48828	56641.98942	56661.54688	504821.0	5410876.7
L4820.0	504820.9	5410878.2	42825.80078	417.81	0	48.850853	-86.934284	56570.35	56237.9	12.14	56582.49	56592.06250	56636.11264	56655.85156	504820.9	5410878.2
L4820.0	504820.9	5410878.2	42825.89844	418.68	0	48.850853	-86.934284	56570.15	56237.9	12.14	56582.29	56591.89063	56636.75485	56656.66797	504820.9	5410878.2
L4820.0	504820.9	5410879.4	42825.89844	418.68	0	48.850865	-86.934285	56570.24	56237.9	12.14	56582.38	56592.00781	56644.63799	56664.72656	504820.9	5410879.4
L4820.0	504820.9	5410881.3	42826.10156	417.38	0	48.850882	-86.934285	56569.71	56237.9	12.14	56581.86	56591.51172	56637.97693	56658.23828	504820.9	5410881.3
L4820.0	504820.9	5410882.9	42826.19922	416.79	0	48.850896	-86.934285	56569.38	56237.9	12.14	56581.53	56591.20313	56636.12803	56656.56250	504820.9	5410882.9
L4820.0	504820.9	5410882.9	42826.30078	415.65	0	48.850896	-86.934285	56569.41	56237.9	12.14	56581.55	56591.23828	56642.95887	56663.56641	504820.9	5410882.9
L4820.0	504820.9	5410884.7	42826.39844	417.10	0	48.850912	-86.934285	56568.84	56237.9	12.14	56580.99	56590.69531	56635.95776	56656.73828	504820.9	5410884.7
L4820.0	504820.9	5410886.2	42826.50000	418.77	0	48.850926	-86.934285	56568.59	56237.9	12.15	56580.73	56590.44922	56636.41664	56657.36719	504820.9	5410886.2
L4820.0	504820.9	5410886.2	42826.60156	418.45	0	48.850926	-86.934285	56568.23	56237.9	12.15	56580.38	56590.10938	56634.89200	56656.01172	504820.9	5410886.2
L4820.0	504820.9	5410888.0	42826.69922	417.96	0	48.850942	-86.934286	56567.88	56237.9	12.15	56580.02	56589.76172	56633.31462	56654.60156	504820.9	5410888.0
L4820.0	504820.8	5410889.5	42826.80078	417.45	0	48.850955	-86.934286	56567.34	56237.9	12.15	56579.49	56589.23828	56627.80686	56649.26172	504820.8	5410889.5
L4820.0	504820.8	5410889.5	42826.89844	418.72	0	48.850955	-86.934286	56567.08	56237.9	12.15	56579.23	56588.98047	56629.01150	56650.63672	504820.8	5410889.5
L4820.0	504820.8	5410891.5	42827.00000	417.79	0	48.850973	-86.934286	56566.83	56237.8	12.15	56578.98	56588.73438	56630.63043	56652.42188	504820.8	5410891.5
L4820.0	504820.8	5410893.0	42827.10156	418.96	0	48.850987	-86.934286	56566.09	56237.8	12.15	56578.24	56587.99219	56620.55716	56642.51563	504820.8	5410893.0
L4820.0	504820.8	5410894.3	42827.19922	419.98	0	48.850998	-86.934286	56566.02	56237.8	12.16	56578.17	56587.92188	56626.85862	56648.98438	504820.8	5410894.3
L4820.0	504820.8	5410895.8	42827.30078	419.11	0	48.851012	-86.934286	56565.66	56237.8	12.16	56577.82	56587.56641	56626.53751	56648.83203	504820.8	5410895.8
L4820.0	504820.8	5410895.8	42827.39844	417.73	0	48.851012	-86.934286	56565.09	56237.8	12.17	56577.26	56587.00000	56621.28137	56643.74219	504820.8	5410895.8
L4820.0	504820.8	5410897.5	42827.50000	418.60	0	48.851027	-86.934286	56564.79	56237.8	12.17	56576.96	56586.69141	56622.45796	56645.08594	504820.8	5410897.5
L4820.0	504820.8	5410897.5	42827.60156	419.35	0	48.851027	-86.934286	56564.17	56237.8	12.17	56576.35	56586.07031	56616.26584	56639.06250	504820.8	5410897.5
L4820.0	504820.8	5410899.0	42827.69922	418.75	0	48.851041	-86.934286	56563.56	56237.8	12.18	56575.74	56585.44531	56610.20030	56633.16406	504820.8	5410899.0
L4820.0	504820.8	5410900.8	42827.80078	416.97	0	48.851057	-86.934286	56563.16	56237.8	12.18	56575.34	56585.03125	56609.33637	56632.46875	504820.8	5410900.8
L4820.0	504820.8	5410900.8	42827.89844	415.30	0	48.851057	-86.934286	56563.00	56237.8	12.19	56575.19	56584.86719	56614.63477	56637.93359	504820.8	5410900.8
L4820.0	504820.8	5410902.3	42827.89844	415.30	0	48.851071	-86.934286	56562.39	56237.8	12.19	56574.57	56584.22656	56608.66334	56632.13281	504820.8	5410902.3
L4820.0	504820.8	5410904.1	42828.10156	415.05	0	48.851087	-86.934286	56562.21	56237.8	12.19	56574.41	56584.04688	56613.92141	56637.56250	504820.8	5410904.1
L4820.0	504820.8	5410905.9	42828.19922	417.51	0	48.851103	-86.934286	56561.90	56237.8	12.19	56574.09	56583.70703	56615.39665	56639.20703	504820.8	5410905.9
L4820.0	504820.8	5410905.9	42828.30078	417.42	0	48.851103	-86.934286	56561.34	56237.8	12.20	56573.54	56583.13281	56611.38716	56635.37109	504820.8	5410905.9
L4820.0	504820.8	5410907.4	42828.39844	414.88	0	48.851117	-86.934286	56560.73	56237.8	12.20	56572.93	56582.49609	56605.99919	56630.15625	504820.8	5410907.4
L4820.0	504820.8	5410909.2	42828.50000	416.23	0	48.851132	-86.934286	56560.45	56237.8	12.20	56572.64	56582.17969	56608.42108	56632.75391	504820.8	5410909.2
L4820.0	504820.8	5410910.9	42828.60156	415.34	0	48.851148	-86.934286	56559.81	56237.8	12.20	56572.01	56581.51953	56602.67207	56627.17969	504820.8	5410910.9
L4820.0	504820.8	5410910.9	42828.69922	414.49	0	48.851148	-86.934286	56559.22	56237.8	12.20	56571.43	56580.91016	56598.18233	56622.86328	504820.8	5410910.9
L4820.0	504820.8	5410912.8	42828.80078	412.94	0	48.851165	-86.934286	56558.89	56237.8	12.21	56571.09	56580.53906	56599.54181	56624.40234	504820.8	5410912.8
L4820.0	504820.8	5410914.3	42828.89844	413.54	0	48.851178	-86.934286	56558.59	56237.8	12.21	56570.79	56580.20703	56601.90197	56626.94141	504820.8	5410914.3
L4820.0	504820.8	5410915.9	42829.00000	415.11	0	48.851193	-86.934286	56557.72	56237.8	12.21	56569.93	56579.31250	56590.73388	56615.95313	504820.8	5410915.9
L4820.0	504820.8	5410915.9	42829.10156	415.92	0	48.851193	-86.934286	56557.59	56237.8	12.21	56569.80	56579.14453	56597.24840	56622.64844	504820.8	5410915.9
L4820.0	504820.8	5410917.9	42829.19922	413.98	0	48.851211	-86.934286	56557.13	56237.8	12.22	56569.35	56578.65625	56596.02608	56621.60938	504820.8	5410917.9
L4820.0	504820.8	5410919.2	42829.30078	414.26	0	48.851222	-86.934286	56556.70	56237.8	12.22	56568.92	56578.18750	56595.28682	56621.05859	504820.8	5410919.2
L4820.0	504820.8	5410919.2	42829.39844	415.93	0	48.851222	-86.934286	56556.14	56237.8	12.23	56568.37	56577.59766	56591.63404	56617.58984	504820.8	5410919.2
L4820.0	504820.8	5410920.7	42829.50000	415.24	0	48.851236	-86.934286	56555.63	56237.8	12.23	56567.85	56577.03906	56588.68949	56614.83594	504820.8	5410920.7
L4820.0	504820.8	5410922.2	42829.60156	415.19	0	48.851250	-86.934286	56554.89	56237.8	12.23	56567.12	56576.26563	56580.63652	56606.97266	504820.8	5410922.2
L4820.0	504820.8	5410922.2	42829.69922	417.20	0	48.851250	-86.934286	56554.50	56237.8	12.24	56566.74	56575.83984	56581.01933	56607.54688	504820.8	5410922.2
L4820.0	504820.8	5410924.3	42829.80078	418.27	0	48.851268	-86.934286	56554.50	56237.8	12.24	56566.75	56575.80469	56590.79765	56617.51563	504820.8	5410924.3
L4820.0	504820.8	5410926.1	42829.89844	416.55	0	48.851285	-86.934285	56553.50	56237.8	12.25	56565.75	56574.76172	56576.08185	56602.99609	504820.8	5410926.1
L4820.0	504820.8	5410926.1	42829.89844	416.55	0	48.851285	-86.934285	56553.31	56237.8	12.25	56565.56	56574.52344	56580.90955	56608.01953	504820.8	5410926.1
L4820.0	504820.8	5410928.2	42830.00000	416.72	0	48.851304	-86.934285	56553.18	56237.8	12.25	56565.43	56574.34375	56587.12193	56614.42969	504820.8	5410928.2
L4820.0	504820.9	5410929.7	42830.10156	416.73	0	48.851317	-86.934285	56552.59	56237.7	12.25	56564.84	56573.70703	56582.12649	56609.63672	504820.9	5410929.7
L4820.0	504820.9	5410931.2	42830.19922	418.89	0	48.851331	-86.934285	56551.82	56237.7	12.26	56564.08	56572.89453	56572.93362	56600.64453	504820.9	5410931.2
L4820.0	504820.9	5410931.2	42830.39844	417.36	0	48.851331	-86.934285	56551.70	56237.7	12.26	56563.96	56572.72266	56579.13838	56607.05469	504820.9	5410931.2
L4820.0	504820.9	5410932.9	42830.50000	417.06	0	48.851346	-86.934285	56550.95	56237.7	12.26	56563.22	56571.93359	56570.23989	56598.35938	504820.9	5410932.9
L4820.0	504820.9	5410934.4	42830.60156	417.50	0	48.851359	-86.934284	56550.77	56237.7	12.27	56563.04	56571.69922	56574.78785	56603.11719	504820.9	5410934.4
L4820.0	504820.9	5410936.0	42830.69922	416.55	0	48.851373	-86.934284	56550.47	56237.7	12.27	56562.74	56571.34375	56576.31826	56604.85547	504820.9	5410936.0
L4820.0	504820.9	5410936.0	42830.80078	416.67	0	48.851373	-86.934284	56549.71	56237.7	12.27	56561.98	56570.53125	56566.59566	56595.34375	504820.9	5410936.0
L4820.0	504820.9	5410939.0	42830.89844	417.36	0	48.851401	-86.934284	56549.57	56237.7	12.28	56561.85	56570.34375	56571.99213	56600.94922	504820.9	5410939.0
L4820.0	504820.9	5410939.0	42831.00000	417.15	0	48.851401	-86.934284	56548.96	56237.7	12.28	56561.24	56569.67969	56565.63782	56594.80859	504820.9	5410939.0
L4820.0	504820.9	5410940.5	42831.10156	415.28	0	48.851415	-86.934284	56548.50	56237.7	12.28	56560.79	56569.17188	56563.01478	56592.40234	504820.9	5410940.5
L4820.0	504820.9	5410940.5	42831.19922	415.03	0	48.851415	-86.934284	56548.53	56237.7	12.29	56560.82	56569.14453	56571.86096	56601.46484	504820.9	5410940.5
L4820.0	504820.9	5410942.5	42831.30078	414.66	0	48.851432	-86.934284	56547.82	56237.7	12.29	56560.11	56568.37500	56562.64503	56592.46484	504820.9	5410942.5
L4820.0	504820.9	5410944.0	42831.39844	417.83	0	48.851446	-86.934284	56547.74	56237.7	12.30	56560.03	56568.23438	56568.51644	56598.55469	504820.9	5410944.0
L4820.0	504820.9	5410945.5	42831.50000	417.50	0	48.851460	-86.934284	56547.46	56237.7	12.30	56559.76	56567.90625	56569.62470	56599.88672	504820.9	5410945.5
L4820.0	504820.9	5410945.5	42831.60156	416.52	0	48.851460	-86.934284	56546.97	56237.7	12.30	56559.27	56567.35547	56565.23838	56595.71875	504820.9	5410945.5
L4820.0	504820.9	5410946.7	42831.69922	416.30	0	48.851470	-86.934284	56546.57	56237.7	12.31	56558.87	56566.89453	56562.85463	56593.55859	504820.9	5410946.7
L4820.0	504820.9	5410948.4	42831.80078	417.86	0	48.851485	-86.934283	56546.41	56237.7	12.31	56558.73	56566.69141	56566.58274	56597.51172	504820.9	5410948.4
L4820.0	504820.9	5410950.3	42831.89844	417.10	0	48.851502	-86.934283	56545.62	56237.7	12.32	56557.94	56565.83984	56554.39520	56585.54688	504820.9	5410950.3

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4820.0	504820.9	5410950.3	42831.89844	417.10	0	48.851502	-86.934283	56545.57	56237.7	12.32	56557.88	56565.71484	56559.68505	56591.06250	504820.9	5410950.3
L4820.0	504820.9	5410951.9	42832.10156	416.37	0	48.851517	-86.934283	56545.16	56237.7	12.32	56557.49	56565.26172	56556.79519	56588.39844	504820.9	5410951.9
L4820.0	504820.9	5410953.4	42832.19922	415.89	0	48.851530	-86.934283	56544.70	56237.7	12.33	56557.03	56564.73828	56552.01416	56583.84375	504820.9	5410953.4
L4820.0	504820.9	5410953.4	42832.30078	416.95	0	48.851530	-86.934283	56544.44	56237.7	12.33	56556.78	56564.42188	56552.11478	56584.17188	504820.9	5410953.4
L4820.0	504820.9	5410955.1	42832.39844	415.77	0	48.851546	-86.934284	56544.27	56237.7	12.34	56556.61	56564.18750	56553.94781	56586.23047	504820.9	5410955.1
L4820.0	504820.9	5410956.8	42832.50000	415.61	0	48.851561	-86.934284	56543.66	56237.7	12.35	56556.01	56563.52344	56545.16791	56577.67578	504820.9	5410956.8
L4820.0	504820.9	5410958.1	42832.60156	414.98	0	48.851572	-86.934284	56543.45	56237.7	12.35	56555.79	56563.23438	56545.37538	56578.11328	504820.9	5410958.1
L4820.0	504820.9	5410958.1	42832.69922	415.57	0	48.851572	-86.934284	56543.50	56237.6	12.36	56555.86	56563.23828	56552.38997	56585.35156	504820.9	5410958.1
L4820.0	504820.9	5410959.8	42832.80078	415.53	0	48.851588	-86.934284	56543.07	56237.6	12.36	56555.43	56562.74219	56547.09102	56580.28125	504820.9	5410959.8
L4820.0	504820.9	5410961.1	42832.89844	414.30	0	48.851599	-86.934284	56542.92	56237.6	12.37	56555.28	56562.52344	56548.35378	56581.76953	504820.9	5410961.1
L4820.0	504820.9	5410963.3	42833.00000	415.04	0	48.851620	-86.934284	56542.79	56237.6	12.37	56555.16	56562.33594	56550.12679	56583.76953	504820.9	5410963.3
L4820.0	504820.9	5410964.6	42833.10156	416.64	0	48.851631	-86.934284	56542.46	56237.6	12.37	56554.83	56561.93750	56546.60096	56580.46875	504820.9	5410964.6
L4820.0	504820.9	5410964.6	42833.19922	416.71	0	48.851631	-86.934284	56542.46	56237.6	12.37	56554.83	56561.87109	56550.84426	56584.93359	504820.9	5410964.6
L4820.0	504820.9	5410965.7	42833.30078	416.41	0	48.851641	-86.934284	56542.25	56237.6	12.38	56554.63	56561.60156	56550.02997	56584.34375	504820.9	5410965.7
L4820.0	504820.9	5410967.2	42833.39844	414.27	0	48.851655	-86.934284	56541.85	56237.6	12.38	56554.23	56561.13281	56544.15821	56578.69141	504820.9	5410967.2
L4820.0	504820.9	5410967.2	42833.50000	414.75	0	48.851655	-86.934284	56541.71	56237.6	12.38	56554.10	56560.93359	56544.60388	56579.35938	504820.9	5410967.2
L4820.0	504820.9	5410968.9	42833.60156	415.82	0	48.851669	-86.934284	56541.62	56237.6	12.38	56554.00	56560.76172	56545.55954	56580.53125	504820.9	5410968.9
L4820.0	504820.9	5410970.6	42833.69922	415.68	0	48.851685	-86.934284	56541.20	56237.6	12.38	56553.59	56560.28125	56538.79794	56573.98828	504820.9	5410970.6
L4820.0	504820.9	5410972.7	42833.80078	415.14	0	48.851704	-86.934283	56541.39	56237.6	12.39	56553.77	56560.39063	56546.10141	56581.50391	504820.9	5410972.7
L4820.0	504820.9	5410972.7	42833.89844	416.30	0	48.851704	-86.934283	56541.16	56237.6	12.39	56553.54	56560.08984	56543.27071	56578.88672	504820.9	5410972.7
L4820.0	504820.9	5410974.3	42833.89844	416.30	0	48.851718	-86.934283	56540.95	56237.6	12.39	56553.34	56559.82031	56540.95632	56576.78125	504820.9	5410974.3
L4820.0	504820.9	5410976.1	42834.10156	415.60	0	48.851734	-86.934283	56541.00	56237.6	12.39	56553.40	56559.80859	56544.72685	56580.76172	504820.9	5410976.1
L4820.0	504820.9	5410977.9	42834.19922	417.13	0	48.851750	-86.934283	56541.11	56237.6	12.40	56553.50	56559.83984	56549.26076	56585.50000	504820.9	5410977.9
L4820.0	504820.9	5410977.9	42834.30078	418.91	0	48.851750	-86.934283	56540.62	56237.6	12.40	56553.02	56559.28516	56539.55642	56575.99609	504820.9	5410977.9
L4820.0	504820.9	5410979.1	42834.39844	418.54	0	48.851762	-86.934283	56540.92	56237.6	12.41	56553.33	56559.52344	56548.77245	56585.41016	504820.9	5410979.1
L4820.0	504820.9	5410979.1	42834.50000	417.78	0	48.851762	-86.934283	56540.75	56237.6	12.41	56553.16	56559.28125	56546.17715	56583.01172	504820.9	5410979.1
L4820.0	504821.0	5410981.4	42834.60156	418.19	0	48.851782	-86.934283	56540.39	56237.6	12.41	56552.81	56558.85938	56539.03464	56576.06250	504821.0	5410981.4
L4820.0	504821.0	5410983.4	42834.69922	416.73	0	48.851800	-86.934283	56540.34	56237.6	12.42	56552.76	56558.73828	56538.96550	56576.17969	504821.0	5410983.4
L4820.0	504821.0	5410985.0	42834.80078	419.08	0	48.851815	-86.934283	56540.49	56237.6	12.42	56552.91	56558.81641	56543.55400	56580.95313	504821.0	5410985.0
L4820.0	504821.0	5410985.0	42834.89844	417.32	0	48.851815	-86.934283	56540.54	56237.6	12.43	56552.97	56558.80469	56545.78644	56583.36328	504821.0	5410985.0
L4820.0	504820.9	5410986.6	42835.00000	416.33	0	48.851829	-86.934283	56540.57	56237.6	12.43	56553.00	56558.76172	56547.11974	56584.87500	504820.9	5410986.6
L4820.0	504820.9	5410988.5	42835.10156	416.67	0	48.851846	-86.934283	56540.72	56237.6	12.43	56553.15	56558.83984	56551.18911	56589.11328	504820.9	5410988.5
L4820.0	504820.9	5410988.5	42835.19922	418.00	0	48.851846	-86.934283	56540.62	56237.6	12.44	56553.06	56558.67578	56549.28750	56587.37891	504820.9	5410988.5
L4820.0	504821.0	5410991.7	42835.30078	417.99	0	48.851875	-86.934283	56540.49	56237.6	12.44	56552.93	56558.47266	56546.26059	56584.51172	504821.0	5410991.7
L4820.0	504821.0	5410991.7	42835.39844	419.30	0	48.851875	-86.934283	56540.72	56237.6	12.44	56553.17	56558.64063	56552.03646	56590.44531	504821.0	5410991.7
L4820.0	504821.0	5410992.9	42835.50000	418.60	0	48.851886	-86.934282	56540.75	56237.6	12.44	56553.19	56558.58594	56552.34239	56590.90234	504821.0	5410992.9
L4820.0	504821.0	5410992.9	42835.60156	418.60	0	48.851886	-86.934282	56540.67	56237.6	12.45	56553.12	56558.44141	56550.33054	56589.03516	504821.0	5410992.9
L4820.0	504821.0	5410994.7	42835.69922	414.92	0	48.851902	-86.934282	56540.77	56237.5	12.45	56553.22	56558.46875	56552.29932	56591.14063	504821.0	5410994.7
L4820.0	504821.0	5410996.3	42835.80078	414.76	0	48.851916	-86.934282	56540.98	56237.5	12.45	56553.43	56558.60547	56556.80298	56595.77734	504821.0	5410996.3
L4820.0	504821.0	5410997.8	42835.89844	414.26	0	48.851930	-86.934282	56540.62	56237.5	12.46	56553.08	56558.18359	56547.63328	56586.73438	504821.0	5410997.8
L4820.0	504821.0	5410997.8	42835.89844	414.26	0	48.851930	-86.934282	56540.93	56237.5	12.46	56553.38	56558.41016	56554.07994	56593.30469	504821.0	5410997.8
L4820.0	504821.0	5410999.5	42836.10156	414.69	0	48.851945	-86.934282	56541.02	56237.5	12.46	56553.48	56558.43750	56555.57872	56594.91797	504821.0	5410999.5
L4820.0	504821.1	5411001.0	42836.19922	413.70	0	48.851958	-86.934281	56541.00	56237.5	12.46	56553.46	56558.34375	56554.07239	56593.51953	504821.1	5411001.0
L4820.0	504821.1	5411002.7	42836.30078	414.17	0	48.851974	-86.934281	56540.90	56237.5	12.46	56553.36	56558.16797	56550.53570	56590.08203	504821.1	5411002.7
L4820.0	504821.1	5411002.7	42836.39844	414.91	0	48.851974	-86.934281	56541.31	56237.5	12.46	56553.77	56558.50781	56559.25402	56598.89453	504821.1	5411002.7
L4820.0	504821.1	5411004.2	42836.50000	413.69	0	48.851988	-86.934281	56541.07	56237.5	12.46	56553.53	56558.19141	56552.16096	56591.88672	504821.1	5411004.2
L4820.0	504821.1	5411005.9	42836.60156	415.46	0	48.852002	-86.934281	56541.41	56237.5	12.46	56553.87	56558.46094	56559.03054	56598.83594	504821.1	5411005.9
L4820.0	504821.1	5411005.9	42836.69922	417.77	0	48.852002	-86.934281	56541.71	56237.5	12.46	56554.17	56558.68750	56564.86489	56604.74219	504821.1	5411005.9
L4820.0	504821.1	5411007.4	42836.80078	418.99	0	48.852016	-86.934280	56541.57	56237.5	12.46	56554.03	56558.47266	56559.99035	56599.93359	504821.1	5411007.4
L4820.0	504821.1	5411009.4	42836.89844	417.60	0	48.852034	-86.934280	56541.82	56237.5	12.46	56554.28	56558.65234	56564.50040	56604.50000	504821.1	5411009.4
L4820.0	504821.1	5411009.4	42837.00000	417.72	0	48.852034	-86.934280	56542.08	56237.5	12.46	56554.54	56558.83594	56569.20528	56609.25000	504821.1	5411009.4
L4820.0	504821.2	5411010.9	42837.10156	417.17	0	48.852048	-86.934280	56541.79	56237.5	12.46	56554.25	56558.47656	56560.55893	56600.64453	504821.2	5411010.9
L4820.0	504821.2	5411012.3	42837.19922	415.65	0	48.852060	-86.934280	56541.97	56237.5	12.46	56554.43	56558.58203	56563.25276	56603.37109	504821.2	5411012.3
L4820.0	504821.2	5411014.3	42837.30078	416.07	0	48.852078	-86.934279	56542.26	56237.5	12.46	56554.72	56558.80078	56568.58067	56608.72266	504821.2	5411014.3
L4820.0	504821.2	5411014.3	42837.39844	416.39	0	48.852078	-86.934279	56541.97	56237.5	12.46	56554.43	56558.43750	56559.85012	56600.00781	504821.2	5411014.3
L4820.0	504821.2	5411016.4	42837.50000	415.11	0	48.852097	-86.934279	56542.13	56237.5	12.46	56554.59	56558.52344	56561.99408	56602.15625	504821.2	5411016.4
L4820.0	504821.2	5411016.4	42837.60156	415.07	0	48.852097	-86.934279	56542.43	56237.5	12.47	56554.90	56558.76172	56567.75802	56607.91797	504821.2	5411016.4
L4820.0	504821.3	5411018.1	42837.69922	415.37	0	48.852112	-86.934278	56542.28	56237.5	12.47	56554.74	56558.53125	56562.14292	56602.29297	504821.3	5411018.1
L4820.0	504821.3	5411019.3	42837.80078	417.22	0	48.852123	-86.934278	56542.74	56237.5	12.47	56555.21	56558.92969	56571.77522	56611.90625	504821.3	5411019.3
L4820.0	504821.3	5411021.2	42837.89844	417.23	0	48.852140	-86.934278	56542.82	56237.5	12.47	56555.29	56558.93750	56571.97505	56612.07813	504821.3	5411021.2
L4820.0	504821.3	5411022.9	42837.89844	417.23	0	48.852155	-86.934278	56542.71	56237.5	12.47	56555.18	56558.75781	56567.58749	56607.65234	504821.3	5411022.9
L4820.0	504821.3	5411022.9	42838.10156	418.81	0	48.852155	-86.934278	56543.07	56237.5	12.47	56555.54	56559.04688	56574.58981	56614.60938	504821.3	5411022.9
L4820.0	504821.3	5411024.6	42838.19922	418.41	0	48.852170	-86.934277	56542.82	56237.5	12.48	56555.29	56558.72266	56566.84929	56606.81250	504821.3	5411024.6
L4820.0	504821.3	5411024.6	42838.30078	418.85	0	48.852170	-86.934277	56543.12	56237.5	12.48	56555.60	56558.96484	56572.68512	56612.58203	504821.3	5411024.6
L4820.0	504821.3	5411026.1	42838.39844	420.00	0	48.852184	-86.934277	56543.30	56237.5	12.48	56555.78	56559.07422	56575.40237	56615.22656	504821.3	5411026.1
L4820.0	504821.3	5411028.0	42838.50000	420.04	0	48.852201	-86.934277	56542.76	56237.5	12.49	56555.25	56558.47266	56560.96788	56600.70703	504821.3	5411028.0
L4820.0	504821.3	5411029.2	42838.60156	418.46	0	48.852212	-86.934277	56543.22	56237.5	12.49	56555.71	56558.86328	56570.52641	56610.17188	504821.3	5411029.2
L4820.0	504821.3	5411029.2	42838.69922	418.31	0	48.852212	-86.934277	56543.38	56237.5	12.49	56555.87	56558.95313	56572.86145	56612.40625	504821.3	5411029.2
L4820.0	504821.4	5411030.9	42838.80078	418.20	0	48.852227	-86.934277	56543.40	56237.5	12.49	56555.89	56558.90625	56571.84754	56611.28125	504821.4	5411030.9
L4820.0	504821.4	5411032.1	42838.89844	417.30	0	48.852238	-86.934277	56543.45	56237.5	12.50	56555.95	56558.89453	56571.84288	56611.15625	504821.4	5411032.1
L4820.0	504821.4	5411032.1	42839.00000	415.07	0	48.852238	-86.934277	56543.58	56237.5	12.50	56556.08	56558.95703	56573.57515	56612.75781	504821.4	5411032.1
L4820.0	504821.4	5411033.9	42839.10156	413.84	0	48.852254	-86.934276	56543.91	56237.5	12.50	56556.41	56559.21875	56580.19177	56619.23828	504821.4	5411033.9
L4820.0	504821.4	5411035.2	42839.19922	414.51	0	48.852266	-86.934276	56543.45	56237.5	12.49	56555.94	56558.68359	56567.49262	56606.39063	504821.4	5411035.2
L4820.0	504821.4	5411036.6	42839.30078	416.35	0	48.852279	-86.934276	56543.71	56237.5	12.49	56556.20	56558.87500	56572.50571	56611.24609	504821.4	5411036.6
L4820.0	504821.4	5411036.6	42839.39844	416.78	0	48.852279	-86.934276	56543.56	56237.5	12.48	56556.04	56558.64844	56567.40000	56605.97266	504821.4	5411036.6
L4820.0	504821.4	5411038.3	42839.50000	415.32	0	48.852294	-86.934276	56543.98	56237.5	12.48	56556.46	56559.00000	56576.37618	56614.77344	504821.4	5411038.3
L4820.0	504821.4	5411040.0	42839.60156	414.27	0	48.852309	-86.934276	56543.81	56237.5	12.48	56556.29	56558.76563	56571.11839	56609.33203	504821.4	5411040.0
L4820.0	504821.4	5411041.4	42839.69922	415.55	0	48.852322	-86.934276	56543.84	56237.5	12.47	56556.31	56558.71875	56570.50229	56608.52344	504821.4	5411041.4
L4820.0	504821.4	5411041.4	42839.80078	415.85	0	48.852322	-86.934276	56544.02	56237.5	12.47	56556.48	56558.82422	56573.55832	56611.37891	504821.4	5411041.4
L4820.0	504821.4	5411043.4	42839.89844	415.26	0	48.852340	-86.934276	56544.12	56237.5	12.46	56556.58	56558.85938	56574.96037	56612.57031	504821.4	5411043.4
L4820.0	504821.4	5411045.0	42839.89844	415.26	0	48.852354	-86.934276	56544.12	56237.5	12.46	56556.58	56558.79688	56573.98007	56611.37109	504821.4	5411045.0
L4820.0	504821.4	5411045.0	42840.10156	417.26	0	48.852354	-86.934276	56543.58	56237.5	12.46	56556.04	56558.19141	56559.96630	56597.12891	504821.4	5411045.0
L4820.0	504821.4	5411046.6	42840.19922	417.50	0	48.852368	-86.934276	56544.44	56237.5	12.46	56556.90	56558.98828	56579.86587	56616.79297	504821.4	5411046.6
L4820.0	504821.4	5411047.9	42840.30078	414.87	0	48.852380	-86.934276	56544.07	56237.5	12.45	56556.52	56558.54688	56569.78470	56606.46484	504821.4	5411047.9
L4820.0	504821.4	5411049.8	42840.39844	415.04	0	48.852397	-86.934277	56544.50	56237.5	12.45	56556.95	56558.91406	56579.33094	56615.76172	504821.4	5411049.8
L4820.0	504821.4	5411049.8	42840.50000	416.11	0	48.852397	-86.934277	56544.06	56237.6	12.45	56556.51	56558.41406	56567.84273	56604.01172	504821.4	5411049.8
L4820.0	504821.3	5411051.5	42840.60156	415.57	0	48.852413	-86.934277	56544.17	56237.6	12.45	56556.62	56558.46094	56569.68087	56605.58203	504821.3	5411051.5
L4820.0	504821.3	5411053.2	42840.69922	414.59	0	48.852428	-86.934277	56544.14	56237.6	12.45	56556.59	56558.37109	56568.14177	56603.76563	504821.3	5411053.2
L4820.0	504821.3	5411053.2	42840.80078	414.52	0	48.852428	-86.934277	56543.93	56237.6	12.44	56556.38	56558.10156	56562.25213	56597.59375	504821.3	5411053.2
L4820.0	504821.3	5411055.0	42840.89844	413.93	0	48.852444	-86.934277	56544.35	56237.6	12.44	56556.79	56558.45313	56571.36716	56606.41797	504821.3	5411055.0
L4820.0	504821.3	5411056.4	42841.00000	416.08	0	48.852457	-86.934278	56544.09	56237.6	12.44	56556.53	56558.13281	56564.26170	56599.01563	504821.3	5411056.4
L4820.0	504821.3	5411056.4	42841.10156	414.33	0	48.852457	-86.934278	56544.24	56237.6	12.44	56556.68	56558.22656	56567.06665	56601.51563	504821.3	5411056.4
L4820.0	504821.3	5411058.8	42841.19922	414.27	0	48.852478	-86.934278	56544.07	56237.6	12.44	56556.51	56558.00000	56562.10886	56596.25000	504821.3	5411058.8

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4820.0	504821.2	5411060.5	42841.30078	416.18	0	48.852494	-86.934278	56544.29	56237.6	12.44	56556.73	56558.16016	56566.56432	56600.38672	504821.2	5411060.5
L4820.0	504821.2	5411060.5	42841.39844	416.49	0	48.852494	-86.934278	56544.40	56237.6	12.44	56556.84	56558.21484	56568.32560	56601.82422	504821.2	5411060.5
L4820.0	504821.2	5411064.0	42841.50000	417.01	0	48.852525	-86.934278	56544.27	56237.6	12.44	56556.71	56558.03125	56564.23945	56597.41016	504821.2	5411064.0
L4820.0	504821.2	5411064.0	42841.60156	416.92	0	48.852525	-86.934278	56544.22	56237.6	12.44	56556.66	56557.92578	56562.04283	56594.87891	504821.2	5411064.0
L4820.0	504821.2	5411065.6	42841.69922	417.19	0	48.852540	-86.934278	56544.32	56237.6	12.44	56556.76	56557.97266	56563.42231	56595.91797	504821.2	5411065.6
L4820.0	504821.2	5411065.6	42841.80078	417.92	0	48.852540	-86.934278	56544.01	56237.6	12.44	56556.45	56557.60938	56554.81766	56586.96875	504821.2	5411065.6
L4820.0	504821.2	5411067.7	42841.89844	415.42	0	48.852559	-86.934278	56544.24	56237.6	12.44	56556.68	56557.78906	56559.21202	56591.01172	504821.2	5411067.7
L4820.0	504821.2	5411069.3	42841.89844	415.42	0	48.852573	-86.934278	56544.09	56237.6	12.44	56556.53	56557.58594	56554.33261	56585.77734	504821.2	5411069.3
L4820.0	504821.2	5411069.3	42842.10156	413.84	0	48.852573	-86.934278	56544.27	56237.6	12.44	56556.71	56557.71484	56557.35414	56588.43750	504821.2	5411069.3
L4820.0	504821.2	5411071.3	42842.19922	415.90	0	48.852591	-86.934278	56544.50	56237.6	12.44	56556.94	56557.89453	56561.49229	56592.21484	504821.2	5411071.3
L4820.0	504821.2	5411072.8	42842.30078	417.40	0	48.852604	-86.934278	56544.32	56237.6	12.45	56556.77	56557.67578	56555.84856	56586.20313	504821.2	5411072.8
L4820.0	504821.2	5411072.8	42842.39844	416.19	0	48.852604	-86.934278	56544.20	56237.6	12.45	56556.64	56557.49609	56551.06330	56581.04688	504821.2	5411072.8
L4820.0	504821.2	5411075.1	42842.50000	415.80	0	48.852625	-86.934278	56544.44	56237.6	12.45	56556.89	56557.69922	56555.35681	56584.96484	504821.2	5411075.1
L4820.0	504821.2	5411076.8	42842.60156	415.18	0	48.852640	-86.934278	56544.24	56237.5	12.45	56556.69	56557.45313	56548.63423	56577.86328	504821.2	5411076.8
L4820.0	504821.2	5411076.8	42842.69922	414.13	0	48.852640	-86.934278	56544.50	56237.5	12.45	56556.95	56557.66797	56552.91052	56581.76172	504821.2	5411076.8
L4820.0	504821.2	5411079.7	42842.80078	414.38	0	48.852666	-86.934278	56544.66	56237.5	12.46	56557.11	56557.78125	56554.62528	56583.09375	504821.2	5411079.7
L4820.0	504821.2	5411079.7	42842.89844	412.75	0	48.852666	-86.934278	56544.32	56237.5	12.46	56556.78	56557.40625	56544.33239	56572.41406	504821.2	5411079.7
L4820.0	504821.2	5411081.5	42843.00000	415.79	0	48.852683	-86.934279	56544.40	56237.5	12.46	56556.86	56557.44531	56543.80513	56571.50000	504821.2	5411081.5
L4820.0	504821.2	5411083.4	42843.10156	417.13	0	48.852700	-86.934279	56544.83	56237.5	12.46	56557.28	56557.82031	56551.34202	56578.64844	504821.2	5411083.4
L4820.0	504821.2	5411083.4	42843.19922	414.50	0	48.852700	-86.934279	56544.90	56237.5	12.45	56557.35	56557.85156	56550.23714	56577.15234	504821.2	5411083.4
L4820.0	504821.2	5411085.1	42843.30078	413.96	0	48.852715	-86.934279	56544.84	56237.6	12.45	56557.28	56557.73828	56545.56566	56572.09375	504821.2	5411085.1
L4820.0	504821.2	5411085.1	42843.39844	414.67	0	48.852715	-86.934279	56545.19	56237.6	12.44	56557.63	56558.04688	56550.87337	56577.00781	504821.2	5411085.1
L4820.0	504821.2	5411086.6	42843.50000	417.88	0	48.852728	-86.934279	56545.08	56237.6	12.44	56557.52	56557.89844	56544.85686	56570.60156	504821.2	5411086.6
L4820.0	504821.1	5411088.1	42843.60156	419.13	0	48.852742	-86.934279	56544.98	56237.6	12.44	56557.42	56557.76172	56538.88436	56564.23438	504821.1	5411088.1
L4820.0	504821.1	5411089.9	42843.69922	417.85	0	48.852759	-86.934279	56544.83	56237.6	12.43	56557.26	56557.56250	56531.25586	56556.21484	504821.1	5411089.9
L4820.0	504821.1	5411091.1	42843.80078	416.30	0	48.852769	-86.934279	56545.44	56237.6	12.43	56557.87	56558.13672	56542.05254	56566.62109	504821.1	5411091.1
L4820.0	504821.1	5411091.1	42843.89844	417.55	0	48.852769	-86.934279	56545.68	56237.6	12.42	56558.10	56558.33203	56543.43801	56567.61719	504821.1	5411091.1
L4820.0	504821.1	5411093.2	42843.89844	417.55	0	48.852788	-86.934280	56545.81	56237.6	12.42	56558.23	56558.42578	56542.18360	56565.97266	504821.1	5411093.2
L4820.0	504821.1	5411094.2	42844.10156	417.23	0	48.852797	-86.934280	56546.33	56237.6	12.42	56558.75	56558.91016	56550.14326	56573.54688	504821.1	5411094.2
L4820.0	504821.1	5411094.2	42844.19922	415.73	0	48.852797	-86.934280	56546.34	56237.6	12.41	56558.75	56558.87891	56545.28994	56568.30859	504821.1	5411094.2
L4820.0	504821.1	5411095.7	42844.30078	415.79	0	48.852810	-86.934280	56546.08	56237.6	12.41	56558.49	56558.58594	56533.91214	56556.54688	504821.1	5411095.7
L4820.0	504821.1	5411097.3	42844.39844	415.87	0	48.852824	-86.934280	56546.28	56237.6	12.41	56558.69	56558.75391	56533.43124	56555.68359	504821.1	5411097.3
L4820.0	504821.1	5411098.9	42844.50000	416.12	0	48.852839	-86.934280	56546.74	56237.6	12.40	56559.15	56559.18359	56539.00414	56560.87891	504821.1	5411098.9
L4820.0	504821.1	5411100.5	42844.60156	416.60	0	48.852854	-86.934280	56546.79	56237.6	12.40	56559.20	56559.20313	56534.41372	56555.91406	504821.1	5411100.5
L4820.0	504821.1	5411100.5	42844.69922	416.28	0	48.852854	-86.934280	56547.08	56237.6	12.40	56559.48	56559.45703	56535.14661	56556.27344	504821.1	5411100.5
L4820.0	504821.1	5411102.2	42844.80078	414.91	0	48.852869	-86.934280	56547.25	56237.6	12.40	56559.65	56559.59766	56532.97291	56553.73047	504821.1	5411102.2
L4820.0	504821.1	5411103.9	42844.89844	413.65	0	48.852884	-86.934280	56547.62	56237.6	12.39	56560.01	56559.92969	56535.15186	56555.54688	504821.1	5411103.9
L4820.0	504821.1	5411103.9	42845.00000	414.32	0	48.852884	-86.934280	56547.61	56237.6	12.39	56560.00	56559.89453	56528.13026	56548.16406	504821.1	5411103.9
L4820.0	504821.1	5411105.6	42845.10156	413.64	0	48.852899	-86.934280	56548.10	56237.6	12.39	56560.49	56560.35938	56532.96286	56552.64063	504821.1	5411105.6
L4820.0	504821.1	5411107.1	42845.19922	415.74	0	48.852913	-86.934280	56548.64	56237.6	12.39	56561.03	56560.87500	56538.75955	56558.08594	504821.1	5411107.1
L4820.0	504821.1	5411108.6	42845.30078	415.54	0	48.852926	-86.934280	56548.89	56237.6	12.39	56561.28	56561.10156	56537.29279	56556.27344	504821.1	5411108.6
L4820.0	504821.1	5411110.2	42845.39844	415.30	0	48.852941	-86.934280	56549.24	56237.6	12.39	56561.63	56561.42578	56538.00228	56556.64063	504821.1	5411110.2
L4820.0	504821.1	5411110.2	42845.50000	415.14	0	48.852941	-86.934280	56549.91	56237.6	12.39	56562.30	56562.07422	56546.21401	56564.51563	504821.1	5411110.2
L4820.0	504821.1	5411111.7	42845.60156	415.42	0	48.852955	-86.934280	56549.96	56237.6	12.39	56562.35	56562.10547	56539.18128	56557.15234	504821.1	5411111.7
L4820.0	504821.1	5411113.2	42845.69922	413.31	0	48.852968	-86.934280	56550.57	56237.6	12.39	56562.96	56562.69141	56545.46397	56563.10938	504821.1	5411113.2
L4820.0	504821.1	5411113.2	42845.80078	412.68	0	48.852968	-86.934280	56551.14	56237.6	12.39	56563.53	56563.24219	56550.54465	56567.87109	504821.1	5411113.2
L4820.0	504821.1	5411114.6	42845.89844	413.85	0	48.852980	-86.934280	56551.52	56237.6	12.39	56563.91	56563.60547	56550.79681	56567.80859	504821.1	5411114.6
L4820.0	504821.1	5411116.0	42845.89844	413.85	0	48.852993	-86.934280	56551.80	56237.6	12.39	56564.19	56563.86719	56548.40261	56565.10938	504821.1	5411116.0
L4820.0	504821.0	5411117.4	42846.10156	413.54	0	48.853006	-86.934280	56552.34	56237.6	12.39	56564.72	56564.37891	56551.83688	56568.24609	504821.0	5411117.4
L4820.0	504821.0	5411119.2	42846.19922	413.63	0	48.853022	-86.934280	56552.34	56237.6	12.39	56564.72	56564.35938	56542.22780	56558.34375	504821.0	5411119.2
L4820.0	504821.0	5411119.2	42846.30078	414.30	0	48.853022	-86.934280	56552.96	56237.6	12.38	56565.35	56564.97656	56547.65385	56563.48438	504821.0	5411119.2
L4820.0	504821.0	5411121.1	42846.39844	416.62	0	48.853039	-86.934280	56553.18	56237.6	12.38	56565.56	56565.16797	56542.70973	56558.26172	504821.0	5411121.1
L4820.0	504821.0	5411122.3	42846.50000	415.17	0	48.853050	-86.934280	56553.79	56237.6	12.38	56566.17	56565.76563	56547.24637	56562.52734	504821.0	5411122.3
L4820.0	504821.0	5411122.3	42846.60156	415.90	0	48.853050	-86.934280	56554.38	56237.6	12.38	56566.75	56566.32813	56550.86384	56565.87891	504821.0	5411122.3
L4820.0	504821.0	5411124.4	42846.69922	416.30	0	48.853068	-86.934280	56554.96	56237.6	12.38	56567.34	56566.90625	56554.53703	56569.29688	504821.0	5411124.4
L4820.0	504821.1	5411125.9	42846.80078	418.26	0	48.853082	-86.934280	56555.29	56237.6	12.37	56567.67	56567.22266	56551.73886	56566.25391	504821.1	5411125.9
L4820.0	504821.1	5411127.4	42846.89844	418.64	0	48.853095	-86.934280	56555.72	56237.6	12.37	56568.10	56567.64063	56551.18917	56565.46094	504821.1	5411127.4
L4820.0	504821.1	5411128.6	42847.00000	416.40	0	48.853106	-86.934280	56556.88	56237.6	12.37	56569.25	56568.77734	56567.90037	56581.94141	504821.1	5411128.6
L4820.0	504821.1	5411128.6	42847.10156	417.44	0	48.853106	-86.934280	56557.18	56237.6	12.37	56569.55	56569.06641	56563.88499	56577.70313	504821.1	5411128.6
L4820.0	504821.1	5411130.3	42847.19922	419.04	0	48.853122	-86.934280	56558.05	56237.6	12.36	56570.42	56569.92578	56573.51678	56587.12109	504821.1	5411130.3
L4820.0	504821.1	5411131.9	42847.30078	418.79	0	48.853136	-86.934280	56558.43	56237.6	12.36	56570.79	56570.28516	56570.90925	56584.30469	504821.1	5411131.9
L4820.0	504821.0	5411133.4	42847.39844	417.05	0	48.853150	-86.934280	56558.71	56237.6	12.36	56571.07	56570.55469	56565.99360	56579.19141	504821.0	5411133.4
L4820.0	504821.0	5411133.4	42847.50000	417.52	0	48.853150	-86.934280	56559.51	56237.6	12.35	56571.86	56571.33594	56573.29944	56586.30469	504821.0	5411133.4
L4820.0	504821.0	5411135.2	42847.60156	416.32	0	48.853166	-86.934280	56559.73	56237.6	12.35	56572.09	56571.55469	56566.94086	56579.76563	504821.0	5411135.2
L4820.0	504821.0	5411136.7	42847.69922	416.97	0	48.853179	-86.934280	56560.53	56237.7	12.35	56572.88	56572.33594	56574.03232	56586.68359	504821.0	5411136.7
L4820.0	504821.0	5411136.7	42847.80078	416.91	0	48.853179	-86.934280	56561.18	56237.7	12.35	56573.53	56572.98047	56577.64259	56590.12891	504821.0	5411136.7
L4820.0	504821.0	5411138.9	42847.89844	416.71	0	48.853199	-86.934280	56561.50	56237.7	12.34	56573.84	56573.28125	56572.94105	56585.27344	504821.0	5411138.9
L4820.0	504821.0	5411140.6	42847.89844	416.71	0	48.853214	-86.934280	56562.28	56237.7	12.34	56574.62	56574.05078	56579.54019	56591.72266	504821.0	5411140.6
L4820.0	504821.0	5411140.6	42848.10156	415.67	0	48.853214	-86.934280	56562.70	56237.7	12.34	56575.04	56574.46484	56577.36292	56589.40625	504821.0	5411140.6
L4820.0	504821.0	5411142.3	42848.19922	417.10	0	48.853230	-86.934280	56563.38	56237.7	12.34	56575.72	56575.13672	56581.42368	56593.33984	504821.0	5411142.3
L4820.0	504821.0	5411144.2	42848.30078	416.19	0	48.853247	-86.934280	56564.18	56237.7	12.34	56576.52	56575.92969	56588.34415	56600.13672	504821.0	5411144.2
L4820.0	504821.0	5411145.5	42848.39844	415.97	0	48.853258	-86.934280	56564.50	56237.7	12.34	56576.85	56576.25391	56583.85560	56595.53516	504821.0	5411145.5
L4820.0	504821.0	5411145.5	42848.50000	419.09	0	48.853258	-86.934280	56565.31	56237.7	12.34	56577.65	56577.04297	56590.71680	56602.29297	504821.0	5411145.5
L4820.0	504821.0	5411147.2	42848.60156	417.83	0	48.853274	-86.934280	56566.04	56237.7	12.35	56578.38	56577.76563	56595.86903	56607.34766	504821.0	5411147.2
L4820.0	504821.0	5411149.6	42848.69922	417.43	0	48.853295	-86.934280	56566.14	56237.7	12.35	56578.49	56577.87109	56586.01152	56597.40234	504821.0	5411149.6
L4820.0	504821.0	5411149.6	42848.80078	416.49	0	48.853295	-86.934280	56567.16	56237.7	12.35	56579.51	56578.88281	56598.18150	56609.49219	504821.0	5411149.6
L4820.0	504821.0	5411151.1	42848.89844	417.56	0	48.853309	-86.934280	56567.72	56237.7	12.35	56580.07	56579.43750	56599.23325	56610.47266	504821.0	5411151.1
L4820.0	504821.0	5411153.1	42849.00000	418.05	0	48.853327	-86.934280	56568.26	56237.7	12.35	56580.61	56579.96875	56599.82474	56611.00391	504821.0	5411153.1
L4820.0	504821.0	5411154.5	42849.10156	417.53	0	48.853339	-86.934281	56568.79	56237.7	12.35	56581.13	56580.48047	56599.96540	56611.08984	504821.0	5411154.5
L4820.0	504821.0	5411156.0	42849.19922	417.28	0	48.853353	-86.934281	56569.38	56237.7	12.34	56581.72	56581.06250	56601.84263	56612.91797	504821.0	5411156.0
L4820.0	504821.0	5411157.2	42849.30078	418.37	0	48.853364	-86.934281	56569.46	56237.7	12.34	56581.79	56581.12500	56591.18701	56602.22266	504821.0	5411157.2
L4820.0	504821.0	5411157.2	42849.39844	417.36	0	48.853364	-86.934281	56570.18	56237.7	12.33	56582.51	56581.83594	56596.32273	56607.32813	504821.0	5411157.2
L4820.0	504821.0	5411158.7	42849.50000	415.73	0	48.853377	-86.934281	56571.09	56237.7	12.33	56583.42	56582.73828	56606.12619	56617.10547	504821.0	5411158.7
L4820.0	504820.9	5411160.2	42849.60156	414.33	0	48.853391	-86.934281	56571.91	56237.7	12.33	56584.23	56583.53906	56613.58779	56624.55078	504820.9	5411160.2
L4820.0	504820.9	5411161.8	42849.69922	413.68	0	48.853405	-86.934281	56572.59	56237.7	12.32	56584.92	56584.22266	56618.23201	56629.18750	504820.9	5411161.8
L4820.0	504820.9	5411161.8	42849.80078	415.47	0	48.853405	-86.934281	56572.83	56237.7	12.32	56585.15	56584.44141	56611.83883	56622.78906	504820.9	5411161.8
L4820.0	504820.9	5411163.3	42849.89844	414.49	0	48.853418	-86.934281	56573.67	56237.7	12.31	56585.98	56585.26172	56620.06942	56631.02344	504820.9	5411163.3
L4820.0	504820.9	5411165.1	42849.89844	414.49	0	48.853435	-86.934282	56573.97	56237.7	12.31	56586.29	56585.55859	56615.82656	56626.79297	504820.9	5411165.1
L4820.0	504820.9	5411166.6	42850.10156	414.69	0	48.853448	-86.934282	56574.21	56237.7	12.31	56586.52	56585.77734	56609.76640	56620.75000	504820.9	5411166.6
L4820.0	504820.9	5411166.6	42850.19922	414.36	0	48.853448	-86.934282	56574.59	56237.7	12.31	56586.90	56586.14844	56607.46263	56618.46875	504820.9	5411166.6
L4820.0	504820.9	5411168.7	42850.30078	413.83	0	48.853467	-86.934282	56575.27	56237.7	12.32	56587.59	56586.82422	56612.79468	56623.82813	504820.9	5411168.7
L4820.0	504820.9	5411168.7	42850.39844	413.39	0	48.853467	-86.934282	56576.04	56237.7	12.32	56588.36	56587.58203	56620.20333	56631.27344	504820.9	5411168.7
L4820.0	504820.8	5411170.3	42850.50000	413.99	0	48.853481	-86.934282	56576.58	56237.7	12.32	56588.90	56588.10547	56622.19309	56633.30469	504820.8	5411170.3

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4820.0	504820.8	5411171.6	42850.60156	415.21	0	48.853493	-86.934283	56577.12	56237.7	12.32	56589.44	56588.63281	56624.33676	56635.49219	504820.8	5411171.6
L4820.0	504820.8	5411173.3	42850.69922	414.43	0	48.853508	-86.934283	56577.68	56237.7	12.32	56590.00	56589.17578	56627.12469	56638.33203	504820.8	5411173.3
L4820.0	504820.8	5411174.8	42850.80078	414.57	0	48.853522	-86.934283	56578.34	56237.7	12.33	56590.67	56589.82813	56632.74110	56644.00391	504820.8	5411174.8
L4820.0	504820.8	5411174.8	42850.89844	415.42	0	48.853522	-86.934283	56578.64	56237.7	12.33	56590.97	56590.11328	56629.57538	56640.89844	504820.8	5411174.8
L4820.0	504820.8	5411176.5	42851.00000	414.13	0	48.853537	-86.934283	56578.95	56237.7	12.33	56591.28	56590.40234	56626.82956	56638.21875	504820.8	5411176.5
L4820.0	504820.8	5411176.5	42851.10156	413.84	0	48.853537	-86.934283	56579.48	56237.7	12.33	56591.81	56590.91406	56629.59128	56641.04688	504820.8	5411176.5
L4820.0	504820.7	5411178.2	42851.19922	414.44	0	48.853552	-86.934284	56580.18	56237.7	12.33	56592.51	56591.59375	56636.65570	56648.18750	504820.7	5411178.2
L4820.0	504820.7	5411179.6	42851.30078	414.74	0	48.853565	-86.934284	56580.46	56237.7	12.34	56592.79	56591.85156	56633.74921	56645.35547	504820.7	5411179.6
L4820.0	504820.7	5411181.0	42851.39844	416.78	0	48.853578	-86.934284	56580.92	56237.7	12.34	56593.26	56592.29688	56635.63917	56647.32422	504820.7	5411181.0
L4820.0	504820.7	5411181.0	42851.50000	417.77	0	48.853578	-86.934284	56581.47	56237.7	12.34	56593.81	56592.82422	56639.66804	56651.43359	504820.7	5411181.0
L4820.0	504820.6	5411183.0	42851.60156	416.77	0	48.853596	-86.934285	56581.28	56237.7	12.34	56593.62	56592.60547	56625.99535	56637.84766	504820.6	5411183.0
L4820.0	504820.6	5411185.1	42851.69922	417.27	0	48.853615	-86.934285	56581.91	56237.7	12.34	56594.25	56593.21094	56632.37878	56644.32031	504820.6	5411185.1
L4820.0	504820.6	5411185.1	42851.80078	418.02	0	48.853615	-86.934285	56582.12	56237.7	12.35	56594.47	56593.40234	56629.05506	56641.08594	504820.6	5411185.1
L4820.0	504820.6	5411187.2	42851.89844	420.42	0	48.853634	-86.934286	56582.47	56237.7	12.35	56594.82	56593.72266	56629.09647	56641.21875	504820.6	5411187.2
L4820.0	504820.5	5411188.5	42851.89844	420.42	0	48.853645	-86.934286	56583.01	56237.7	12.35	56595.36	56594.23047	56633.95863	56646.17188	504820.5	5411188.5
L4820.0	504820.5	5411190.3	42852.10156	416.61	0	48.853661	-86.934287	56583.21	56237.7	12.35	56595.56	56594.39453	56630.81841	56643.12891	504820.5	5411190.3
L4820.0	504820.5	5411190.3	42852.19922	416.59	0	48.853661	-86.934287	56583.44	56237.7	12.35	56595.79	56594.58984	56628.63337	56641.03906	504820.5	5411190.3
L4820.0	504820.5	5411191.9	42852.30078	417.70	0	48.853676	-86.934287	56584.05	56237.7	12.35	56596.40	56595.16406	56635.87690	56648.37500	504820.5	5411191.9
L4820.0	504820.4	5411193.7	42852.39844	418.38	0	48.853692	-86.934287	56584.14	56237.7	12.35	56596.48	56595.20703	56630.52898	56643.12500	504820.4	5411193.7
L4820.0	504820.4	5411195.3	42852.50000	416.88	0	48.853706	-86.934288	56584.54	56237.7	12.35	56596.88	56595.56641	56633.16314	56645.85547	504820.4	5411195.3
L4820.0	504820.4	5411195.3	42852.60156	416.08	0	48.853706	-86.934288	56585.00	56237.7	12.34	56597.35	56595.99219	56637.73172	56650.51953	504820.4	5411195.3
L4820.0	504820.4	5411197.0	42852.69922	415.37	0	48.853722	-86.934288	56584.87	56237.7	12.34	56597.21	56595.80859	56627.78046	56640.66406	504820.4	5411197.0
L4820.0	504820.4	5411197.0	42852.80078	415.62	0	48.853722	-86.934288	56585.56	56237.7	12.34	56597.90	56596.45313	56638.16106	56651.14063	504820.4	5411197.0
L4820.0	504820.3	5411198.8	42852.89844	414.57	0	48.853738	-86.934289	56585.46	56237.7	12.34	56597.80	56596.30469	56629.67004	56642.74219	504820.3	5411198.8
L4820.0	504820.3	5411200.5	42853.00000	415.96	0	48.853753	-86.934289	56585.54	56237.7	12.34	56597.88	56596.33594	56625.78439	56638.94922	504820.3	5411200.5
L4820.0	504820.3	5411200.5	42853.10156	416.90	0	48.853753	-86.934289	56586.02	56237.7	12.34	56598.36	56596.76563	56631.83019	56645.08594	504820.3	5411200.5
L4820.0	504820.3	5411202.5	42853.19922	416.13	0	48.853771	-86.934290	56586.12	56237.7	12.34	56598.46	56596.80859	56628.93244	56642.27734	504820.3	5411202.5
L4820.0	504820.2	5411203.9	42853.30078	413.70	0	48.853784	-86.934290	56586.48	56237.7	12.35	56598.82	56597.11328	56632.58141	56646.01172	504820.2	5411203.9
L4820.0	504820.2	5411205.4	42853.39844	414.52	0	48.853798	-86.934291	56586.84	56237.7	12.35	56599.19	56597.42578	56636.72837	56650.24219	504820.2	5411205.4
L4820.0	504820.2	5411206.7	42853.50000	416.26	0	48.853809	-86.934291	56586.86	56237.7	12.35	56599.21	56597.38281	56632.66239	56646.25781	504820.2	5411206.7
L4820.0	504820.2	5411206.7	42853.60156	417.91	0	48.853809	-86.934291	56586.86	56237.6	12.35	56599.21	56597.32031	56628.37110	56642.04688	504820.2	5411206.7
L4820.0	504820.2	5411208.6	42853.69922	418.02	0	48.853826	-86.934291	56587.22	56237.6	12.35	56599.58	56597.62500	56633.29407	56647.04297	504820.2	5411208.6
L4820.0	504820.1	5411210.0	42853.80078	417.72	0	48.853839	-86.934291	56587.29	56237.6	12.36	56599.65	56597.62500	56631.21775	56645.03906	504820.1	5411210.0
L4820.0	504820.1	5411211.6	42853.89844	417.82	0	48.853853	-86.934292	56587.53	56237.6	12.36	56599.89	56597.79688	56633.51759	56647.40625	504820.1	5411211.6
L4820.0	504820.1	5411211.6	42853.89844	417.82	0	48.853853	-86.934292	56587.73	56237.6	12.36	56600.08	56597.91406	56634.87026	56648.82031	504820.1	5411211.6
L4820.0	504820.1	5411213.5	42854.10156	416.36	0	48.853870	-86.934292	56587.48	56237.6	12.36	56599.84	56597.59766	56626.08019	56640.08984	504820.1	5411213.5
L4820.0	504820.1	5411215.3	42854.19922	414.96	0	48.853886	-86.934292	56587.65	56237.6	12.36	56600.01	56597.68750	56627.47688	56641.54297	504820.1	5411215.3
L4820.0	504820.1	5411215.3	42854.30078	415.28	0	48.853886	-86.934292	56588.01	56237.6	12.36	56600.37	56597.96875	56633.73672	56647.85156	504820.1	5411215.3
L4820.0	504820.1	5411216.7	42854.39844	417.86	0	48.853899	-86.934292	56588.12	56237.6	12.36	56600.48	56597.99219	56634.21177	56648.37109	504820.1	5411216.7
L4820.0	504820.1	5411218.9	42854.50000	416.01	0	48.853919	-86.934292	56588.11	56237.6	12.36	56600.47	56597.89844	56632.04853	56646.24609	504820.1	5411218.9
L4820.0	504820.1	5411220.4	42854.60156	413.09	0	48.853932	-86.934292	56588.46	56237.6	12.36	56600.82	56598.15625	56638.86379	56653.09375	504820.1	5411220.4
L4820.0	504820.1	5411220.4	42854.69922	413.22	0	48.853932	-86.934292	56588.29	56237.6	12.36	56600.65	56597.89453	56633.36086	56647.62109	504820.1	5411220.4
L4820.0	504820.1	5411221.8	42854.80078	413.87	0	48.853944	-86.934292	56588.57	56237.6	12.36	56600.93	56598.08203	56639.01478	56653.29688	504820.1	5411221.8
L4820.0	504820.1	5411223.9	42854.89844	414.87	0	48.853964	-86.934292	56588.46	56237.6	12.36	56600.82	56597.87500	56635.49670	56649.79297	504820.1	5411223.9
L4820.0	504820.1	5411223.9	42855.00000	413.78	0	48.853964	-86.934292	56588.63	56237.6	12.36	56600.99	56597.94141	56639.02117	56653.32813	504820.1	5411223.9
L4820.0	504820.1	5411225.3	42855.10156	414.89	0	48.853976	-86.934292	56588.65	56237.6	12.36	56601.01	56597.85938	56639.18152	56653.49219	504820.1	5411225.3
L4820.0	504820.1	5411227.0	42855.19922	415.86	0	48.853992	-86.934292	56588.30	56237.6	12.37	56600.67	56597.41016	56630.89521	56645.20313	504820.1	5411227.0
L4820.0	504820.1	5411228.5	42855.30078	417.27	0	48.854005	-86.934292	56588.81	56237.6	12.38	56601.18	56597.81250	56643.44498	56657.74219	504820.1	5411228.5
L4820.0	504820.1	5411228.5	42855.39844	416.89	0	48.854005	-86.934292	56588.34	56237.6	12.38	56600.72	56597.23828	56632.78445	56647.06250	504820.1	5411228.5
L4820.0	504820.1	5411230.0	42855.50000	417.52	0	48.854018	-86.934292	56588.57	56237.6	12.39	56600.96	56597.36328	56639.32860	56653.58203	504820.1	5411230.0
L4820.0	504820.1	5411231.4	42855.60156	418.78	0	48.854031	-86.934292	56588.63	56237.6	12.39	56601.01	56597.29297	56641.53775	56655.75781	504820.1	5411231.4
L4820.0	504820.1	5411231.4	42855.69922	419.49	0	48.854031	-86.934292	56588.37	56237.6	12.40	56600.76	56596.92188	56636.74887	56650.92969	504820.1	5411231.4
L4820.0	504820.1	5411232.7	42855.80078	416.56	0	48.854043	-86.934292	56588.46	56237.6	12.40	56600.86	56596.89844	56640.69155	56654.82422	504820.1	5411232.7
L4820.0	504820.1	5411234.4	42855.89844	415.61	0	48.854058	-86.934292	56588.39	56237.6	12.41	56600.80	56596.70703	56641.02213	56655.09766	504820.1	5411234.4
L4820.0	504820.1	5411235.7	42855.89844	415.61	0	48.854070	-86.934292	56588.22	56237.6	12.41	56600.62	56596.39844	56638.70737	56652.72266	504820.1	5411235.7
L4820.0	504820.1	5411237.5	42856.10156	414.01	0	48.854086	-86.934292	56588.42	56237.6	12.41	56600.83	56596.47266	56646.08835	56660.03125	504820.1	5411237.5
L4820.0	504820.1	5411237.5	42856.19922	414.20	0	48.854086	-86.934292	56588.11	56237.6	12.41	56600.53	56596.03516	56641.38266	56655.24609	504820.1	5411237.5
L4820.0	504820.1	5411239.2	42856.30078	412.51	0	48.854101	-86.934292	56587.98	56237.6	12.42	56600.40	56595.76172	56641.04529	56654.82422	504820.1	5411239.2
L4820.0	504820.1	5411241.0	42856.39844	412.28	0	48.854117	-86.934292	56588.09	56237.6	12.42	56600.50	56595.71875	56646.52652	56660.20703	504820.1	5411241.0
L4820.0	504820.1	5411241.0	42856.50000	414.11	0	48.854117	-86.934292	56587.48	56237.6	12.42	56599.90	56594.96875	56635.31751	56648.89453	504820.1	5411241.0
L4820.0	504820.1	5411242.7	42856.60156	415.75	0	48.854133	-86.934291	56587.32	56237.6	12.42	56599.74	56594.66016	56635.00537	56648.47266	504820.1	5411242.7
L4820.0	504820.1	5411244.6	42856.69922	416.37	0	48.854150	-86.934291	56587.27	56237.6	12.42	56599.70	56594.46484	56637.84361	56651.19141	504820.1	5411244.6
L4820.0	504820.1	5411244.6	42856.80078	417.40	0	48.854150	-86.934291	56586.84	56237.6	12.43	56599.27	56593.87500	56631.48744	56644.70313	504820.1	5411244.6
L4820.0	504820.1	5411246.4	42856.89844	418.24	0	48.854166	-86.934291	56587.06	56237.6	12.43	56599.49	56593.93359	56641.10349	56654.18359	504820.1	5411246.4
L4820.0	504820.1	5411247.8	42857.00000	419.81	0	48.854179	-86.934291	56587.07	56237.6	12.43	56599.50	56593.78125	56645.87639	56658.80859	504820.1	5411247.8
L4820.0	504820.1	5411247.8	42857.10156	418.65	0	48.854179	-86.934291	56586.74	56237.6	12.44	56599.17	56593.28125	56642.65738	56655.43750	504820.1	5411247.8
L4820.0	504820.1	5411249.3	42857.19922	419.64	0	48.854192	-86.934291	56586.20	56237.6	12.44	56598.64	56592.58203	56634.83187	56647.44922	504820.1	5411249.3
L4820.0	504820.1	5411251.1	42857.30078	419.54	0	48.854208	-86.934291	56585.94	56237.6	12.45	56598.39	56592.15625	56634.01346	56646.46094	504820.1	5411251.1
L4820.0	504820.1	5411252.1	42857.39844	418.80	0	48.854218	-86.934291	56585.66	56237.5	12.45	56598.12	56591.71094	56632.93893	56645.20313	504820.1	5411252.1
L4820.0	504820.2	5411253.9	42857.50000	418.97	0	48.854233	-86.934291	56585.76	56237.5	12.46	56598.22	56591.62891	56641.04360	56653.12109	504820.2	5411253.9
L4820.0	504820.2	5411253.9	42857.60156	418.07	0	48.854233	-86.934291	56585.18	56237.5	12.47	56597.65	56590.87500	56633.15532	56645.03516	504820.2	5411253.9
L4820.0	504820.2	5411255.7	42857.69922	418.38	0	48.854250	-86.934291	56584.82	56237.5	12.47	56597.29	56590.32422	56630.56773	56642.24219	504820.2	5411255.7
L4820.0	504820.2	5411255.7	42857.80078	419.59	0	48.854250	-86.934291	56584.72	56237.5	12.48	56597.20	56590.04297	56634.72960	56646.19141	504820.2	5411255.7
L4820.0	504820.2	5411257.8	42857.89844	419.05	0	48.854269	-86.934291	56584.11	56237.5	12.48	56596.59	56589.23828	56626.51877	56637.75781	504820.2	5411257.8
L4820.0	504820.2	5411259.3	42857.89844	419.05	0	48.854282	-86.934290	56584.01	56237.5	12.48	56596.49	56588.94141	56630.85882	56641.86719	504820.2	5411259.3
L4820.0	504820.2	5411261.2	42858.10156	416.80	0	48.854299	-86.934290	56583.78	56237.5	12.49	56596.27	56588.51953	56632.49964	56643.26953	504820.2	5411261.2
L4820.0	504820.2	5411261.2	42858.19922	417.40	0	48.854299	-86.934290	56583.04	56237.5	12.50	56595.53	56587.57813	56621.75729	56632.28125	504820.2	5411261.2
L4820.0	504820.2	5411262.8	42858.30078	416.75	0	48.854314	-86.934290	56582.98	56237.5	12.50	56595.48	56587.32031	56627.91140	56638.18359	504820.2	5411262.8
L4820.0	504820.2	5411264.5	42858.39844	416.02	0	48.854329	-86.934290	56582.63	56237.5	12.50	56595.13	56586.75781	56626.99937	56637.00781	504820.2	5411264.5
L4820.0	504820.2	5411265.6	42858.50000	417.26	0	48.854339	-86.934290	56581.81	56237.5	12.50	56594.31	56585.72266	56614.90341	56624.64063	504820.2	5411265.6
L4820.0	504820.2	5411265.6	42858.60156	418.94	0	48.854339	-86.934290	56581.74	56237.5	12.51	56594.25	56585.44922	56621.38707	56630.84375	504820.2	5411265.6
L4820.0	504820.2	5411267.5	42858.69922	417.45	0	48.854356	-86.934290	56581.68	56237.5	12.51	56594.19	56585.16797	56628.05395	56637.22656	504820.2	5411267.5
L4820.0	504820.2	5411267.5	42858.80078	416.53	0	48.854356	-86.934290	56581.05	56237.5	12.51	56593.56	56584.31250	56621.10585	56629.98438	504820.2	5411267.5
L4820.0	504820.2	5411269.1	42858.89844	416.31	0	48.854370	-86.934290	56580.66	56237.5	12.52	56593.18	56583.70703	56620.38394	56628.96094	504820.2	5411269.1
L4820.0	504820.2	5411270.8	42859.00000	416.69	0	48.854386	-86.934290	56580.31	56237.5	12.52	56592.82	56583.11719	56620.31838	56628.58594	504820.2	5411270.8
L4820.0	504820.2	5411272.3	42859.10156	419.18	0	48.854399	-86.934290	56579.64	56237.5	12.53	56592.17	56582.23438	56613.40329	56621.35547	504820.2	5411272.3
L4820.0	504820.2	5411274.0	42859.19922	418.54	0	48.854415	-86.934290	56579.32	56237.5	12.53	56591.85	56581.67969	56614.63973	56622.26953	504820.2	5411274.0
L4820.0	504820.2	5411274.0	42859.30078	416.68	0	48.854415	-86.934290	56579.00	56237.5	12.54	56591.53	56581.12109	56616.03789	56623.33984	504820.2	5411274.0
L4820.0	504820.2	5411275.7	42859.39844	416.70	0	48.854430	-86.934290	56578.42	56237.5	12.54	56590.96	56580.31250	56611.54409	56618.50781	504820.2	5411275.7
L4820.0	504820.2	5411277.5	42859.50000	417.51	0	48.854446	-86.934289	56578.00	56237.4	12.55	56590.55	56579.65625	56611.07737	56617.69922	504820.2	5411277.5
L4820.0	504820.2	5411277.5	42859.60156	418.26	0	48.854446	-86.934289	56577.75	56237.4	12.56	56590.31	56579.17188	56614.87644	56621.14844	504820.2	5411277.5
L4820.0	504820.2	5411279.3	42859.69922	417.47	0	48.854462	-86.934289	56577.09	56237.4	12.56	56589.65	56578.26172	56608.65952	56614.57422	504820.2	5411279.3
L4820.0	504820.2	5411280.9	42859.80078	416.29	0	48.854477	-86.934289	56576.81	56237.4	12.57	56589.38	56577.73828	56612.02627	56617.57813	504820.2	5411280.9

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4820.0	504820.2	5411282.4	42859.89844	416.80	0	48.854490	-86.934289	56575.96	56237.4	12.57	56588.54	56576.64453	56601.74071	56606.92578	504820.2	5411282.4
L4820.0	504820.2	5411282.4	42859.89844	416.80	0	48.854490	-86.934289	56575.66	56237.4	12.57	56588.24	56576.08594	56604.66301	56609.47266	504820.2	5411282.4
L4820.0	504820.2	5411284.8	42860.00000	416.29	0	48.854511	-86.934289	56575.12	56237.4	12.58	56587.70	56575.28516	56601.91358	56606.34375	504820.2	5411284.8
L4820.0	504820.2	5411286.6	42860.10156	415.38	0	48.854527	-86.934289	56574.41	56237.4	12.58	56586.99	56574.31250	56595.18375	56599.23047	504820.2	5411286.6
L4820.0	504820.2	5411286.6	42860.19922	415.73	0	48.854527	-86.934289	56574.28	56237.4	12.58	56586.86	56573.91797	56602.62166	56606.27734	504820.2	5411286.6
L4820.0	504820.2	5411288.1	42860.30078	414.97	0	48.854541	-86.934289	56573.63	56237.4	12.59	56586.21	56573.00000	56597.60373	56600.86328	504820.2	5411288.1
L4820.0	504820.2	5411289.4	42860.39844	414.86	0	48.854553	-86.934289	56573.03	56237.4	12.59	56585.62	56572.14063	56594.16416	56597.02344	504820.2	5411289.4
L4820.0	504820.2	5411291.1	42860.60156	414.04	0	48.854568	-86.934289	56572.78	56237.4	12.59	56585.37	56571.62109	56599.07697	56601.53125	504820.2	5411291.1
L4820.0	504820.2	5411291.1	42860.69922	413.29	0	48.854568	-86.934289	56572.16	56237.4	12.59	56584.76	56570.73828	56595.39932	56597.44531	504820.2	5411291.1
L4820.0	504820.3	5411292.3	42860.80078	412.84	0	48.854579	-86.934289	56571.40	56237.4	12.60	56583.99	56569.69141	56587.96939	56589.60156	504820.3	5411292.3
L4820.0	504820.2	5411294.1	42860.89844	412.94	0	48.854595	-86.934289	56570.94	56237.4	12.60	56583.54	56568.96094	56588.40173	56589.61719	504820.2	5411294.1
L4820.0	504820.2	5411294.1	42861.00000	411.13	0	48.854595	-86.934289	56570.38	56237.4	12.60	56582.98	56568.12109	56586.28813	56587.08203	504820.2	5411294.1
L4820.0	504820.2	5411295.5	42861.10156	411.60	0	48.854608	-86.934289	56569.89	56237.4	12.60	56582.49	56567.35156	56585.98308	56586.35156	504820.2	5411295.5
L4820.0	504820.2	5411297.3	42861.19922	414.00	0	48.854623	-86.934289	56569.41	56237.4	12.60	56582.01	56566.58594	56586.03293	56585.97266	504820.2	5411297.3
L4820.0	504820.2	5411297.3	42861.30078	414.44	0	48.854623	-86.934289	56569.10	56237.4	12.61	56581.71	56566.00000	56590.55037	56590.05469	504820.2	5411297.3
L4820.0	504820.2	5411298.5	42861.39844	414.65	0	48.854634	-86.934289	56568.03	56237.4	12.61	56580.64	56564.64453	56576.54305	56575.61328	504820.2	5411298.5
L4820.0	504820.2	5411300.0	42861.50000	414.92	0	48.854648	-86.934289	56567.82	56237.4	12.61	56580.43	56564.14453	56583.45728	56582.08984	504820.2	5411300.0
L4820.0	504820.2	5411301.5	42861.60156	416.89	0	48.854661	-86.934289	56567.42	56237.4	12.61	56580.03	56563.45313	56585.88078	56584.07031	504820.2	5411301.5
L4820.0	504820.2	5411301.5	42861.69922	417.58	0	48.854661	-86.934289	56566.98	56237.4	12.61	56579.59	56562.72266	56587.44252	56585.19141	504820.2	5411301.5
L4820.0	504820.2	5411303.5	42861.80078	416.62	0	48.854679	-86.934290	56565.94	56237.4	12.62	56578.55	56561.39063	56574.58885	56571.89063	504820.2	5411303.5
L4820.0	504820.2	5411305.2	42861.89844	417.20	0	48.854695	-86.934290	56565.88	56237.4	12.62	56578.50	56561.04688	56585.79824	56582.65234	504820.2	5411305.2
L4820.0	504820.2	5411305.2	42861.89844	417.20	0	48.854695	-86.934290	56565.04	56237.4	12.62	56577.66	56559.91016	56577.99191	56574.39453	504820.2	5411305.2
L4820.0	504820.2	5411307.0	42862.10156	419.48	0	48.854711	-86.934290	56564.35	56237.4	12.62	56576.97	56558.92188	56573.91775	56569.86719	504820.2	5411307.0
L4820.0	504820.2	5411308.1	42862.19922	416.96	0	48.854721	-86.934290	56563.97	56237.4	12.63	56576.60	56558.25391	56577.68892	56573.18750	504820.2	5411308.1
L4820.0	504820.1	5411309.6	42862.30078	416.48	0	48.854735	-86.934290	56563.20	56237.4	12.63	56575.83	56557.18750	56571.87965	56566.92578	504820.1	5411309.6
L4820.0	504820.1	5411309.6	42862.39844	415.74	0	48.854735	-86.934290	56562.72	56237.4	12.63	56575.35	56556.40625	56573.18758	56567.77734	504820.1	5411309.6
L4820.0	504820.1	5411310.9	42862.50000	417.67	0	48.854746	-86.934290	56562.29	56237.4	12.64	56574.92	56555.67578	56575.80337	56569.93750	504820.1	5411310.9
L4820.0	504820.2	5411312.5	42862.60156	417.17	0	48.854761	-86.934290	56561.64	56237.4	12.64	56574.28	56554.73828	56573.43360	56567.10938	504820.2	5411312.5
L4820.0	504820.2	5411314.0	42862.69922	415.78	0	48.854774	-86.934290	56560.96	56237.4	12.64	56573.60	56553.75391	56570.19119	56563.40625	504820.2	5411314.0
L4820.0	504820.2	5411315.7	42862.80078	416.08	0	48.854789	-86.934290	56560.78	56237.4	12.64	56573.43	56553.28125	56579.38536	56572.14453	504820.2	5411315.7
L4820.0	504820.2	5411315.7	42862.89844	416.26	0	48.854789	-86.934290	56559.86	56237.4	12.65	56572.51	56552.06250	56570.52141	56562.82422	504820.2	5411315.7
L4820.0	504820.2	5411317.7	42863.00000	415.36	0	48.854807	-86.934290	56559.76	56237.3	12.65	56572.41	56551.65625	56581.59333	56573.43750	504820.2	5411317.7
L4820.0	504820.2	5411319.2	42863.10156	412.97	0	48.854821	-86.934290	56558.94	56237.3	12.65	56571.59	56550.53516	56575.32987	56566.71484	504820.2	5411319.2
L4820.0	504820.2	5411319.2	42863.19922	415.40	0	48.854821	-86.934290	56558.46	56237.3	12.66	56571.12	56549.76172	56577.62419	56568.55078	504820.2	5411319.2
L4820.0	504820.2	5411321.1	42863.30078	415.60	0	48.854838	-86.934289	56557.90	56237.3	12.66	56570.56	56548.89844	56577.82578	56568.29688	504820.2	5411321.1
L4820.0	504820.2	5411322.6	42863.39844	413.23	0	48.854852	-86.934289	56556.82	56237.3	12.67	56569.49	56547.52734	56565.76795	56555.78125	504820.2	5411322.6
L4820.0	504820.2	5411322.6	42863.50000	411.19	0	48.854852	-86.934289	56556.64	56237.3	12.67	56569.32	56547.05469	56575.57159	56565.12891	504820.2	5411322.6
L4820.0	504820.2	5411324.4	42863.60156	413.12	0	48.854868	-86.934289	56555.73	56237.3	12.67	56568.40	56545.83203	56567.30232	56556.40625	504820.2	5411324.4
L4820.0	504820.2	5411325.8	42863.69922	415.72	0	48.854880	-86.934289	56555.37	56237.3	12.68	56568.04	56545.16797	56572.66043	56561.31250	504820.2	5411325.8
L4820.0	504820.2	5411327.7	42863.80078	418.14	0	48.854897	-86.934289	56554.68	56237.3	12.68	56567.36	56544.18750	56570.34578	56558.54688	504820.2	5411327.7
L4820.0	504820.2	5411327.7	42863.89844	418.33	0	48.854897	-86.934289	56553.71	56237.3	12.69	56566.40	56542.92578	56561.32283	56549.07422	504820.2	5411327.7
L4820.0	504820.2	5411329.6	42863.89844	418.33	0	48.854915	-86.934289	56553.36	56237.3	12.69	56566.04	56542.26563	56566.88457	56554.18750	504820.2	5411329.6
L4820.0	504820.2	5411331.3	42864.10156	418.57	0	48.854930	-86.934288	56552.70	56237.3	12.69	56565.39	56541.31641	56565.48791	56552.34375	504820.2	5411331.3
L4820.0	504820.3	5411332.7	42864.19922	417.74	0	48.854943	-86.934288	56551.90	56237.3	12.70	56564.59	56540.21875	56560.51644	56546.92969	504820.3	5411332.7
L4820.0	504820.3	5411334.3	42864.30078	415.25	0	48.854957	-86.934288	56551.44	56237.3	12.70	56564.14	56539.46875	56564.06576	56550.03516	504820.3	5411334.3
L4820.0	504820.3	5411334.3	42864.39844	414.96	0	48.854957	-86.934288	56550.98	56237.3	12.70	56563.68	56538.71484	56567.41823	56552.94922	504820.3	5411334.3
L4820.0	504820.3	5411337.1	42864.50000	415.08	0	48.854982	-86.934288	56550.21	56237.3	12.71	56562.92	56537.65625	56563.54993	56548.64453	504820.3	5411337.1
L4820.0	504820.3	5411337.1	42864.60156	414.54	0	48.854982	-86.934288	56549.50	56237.3	12.71	56562.21	56536.65234	56560.92517	56545.58594	504820.3	5411337.1
L4820.0	504820.3	5411337.1	42864.69922	413.39	0	48.854982	-86.934288	56548.94	56237.3	12.71	56561.65	56535.80078	56561.95759	56546.18359	504820.3	5411337.1
L4820.0	504820.3	5411339.1	42864.80078	412.48	0	48.855000	-86.934287	56548.43	56237.3	12.71	56561.14	56534.99609	56564.22024	56548.01953	504820.3	5411339.1
L4820.0	504820.4	5411340.7	42864.89844	411.57	0	48.855014	-86.934287	56547.36	56237.3	12.72	56560.08	56533.64844	56553.18528	56536.55859	504820.4	5411340.7
L4820.0	504820.4	5411342.3	42865.00000	413.53	0	48.855028	-86.934286	56546.64	56237.3	12.72	56559.36	56532.63672	56550.38388	56533.33594	504820.4	5411342.3
L4820.0	504820.4	5411342.3	42865.10156	415.27	0	48.855028	-86.934286	56545.88	56237.3	12.72	56558.60	56531.58984	56546.61155	56529.14063	504820.4	5411342.3
L4820.0	504820.4	5411344.0	42865.19922	414.72	0	48.855044	-86.934286	56545.68	56237.3	12.73	56558.41	56531.11328	56556.62234	56538.73828	504820.4	5411344.0
L4820.0	504820.4	5411345.5	42865.30078	415.17	0	48.855058	-86.934286	56545.14	56237.3	12.74	56557.87	56530.29297	56558.14236	56539.84375	504820.4	5411345.5
L4820.0	504820.4	5411346.8	42865.39844	416.73	0	48.855069	-86.934286	56544.14	56237.3	12.74	56556.88	56529.01953	56548.74209	56530.03516	504820.4	5411346.8
L4820.0	504820.4	5411346.8	42865.50000	415.69	0	48.855069	-86.934286	56543.78	56237.3	12.74	56556.53	56528.39063	56554.79075	56535.67578	504820.4	5411346.8
L4820.0	504820.4	5411348.9	42865.60156	414.59	0	48.855089	-86.934286	56542.79	56237.3	12.75	56555.54	56527.12109	56545.30080	56525.78516	504820.4	5411348.9
L4820.0	504820.5	5411350.3	42865.69922	415.76	0	48.855100	-86.934285	56542.20	56237.2	12.75	56554.96	56526.26563	56545.67256	56525.75781	504820.5	5411350.3
L4820.0	504820.5	5411351.8	42865.80078	417.11	0	48.855114	-86.934285	56541.64	56237.2	12.76	56554.40	56525.43359	56546.45653	56526.14844	504820.5	5411351.8
L4820.0	504820.5	5411351.8	42865.89844	416.70	0	48.855114	-86.934285	56540.93	56237.2	12.76	56553.69	56524.45313	56543.52700	56522.82813	504820.5	5411351.8
L4820.0	504820.5	5411353.9	42865.89844	416.70	0	48.855134	-86.934285	56540.36	56237.2	12.76	56553.13	56523.62500	56544.13231	56523.04688	504820.5	5411353.9
L4820.0	504820.5	5411355.7	42866.10156	414.76	0	48.855149	-86.934285	56539.78	56237.2	12.77	56552.55	56522.77734	56544.14597	56522.67578	504820.5	5411355.7
L4820.0	504820.5	5411355.7	42866.19922	414.64	0	48.855149	-86.934285	56539.16	56237.2	12.77	56551.93	56521.89453	56543.07124	56521.22266	504820.5	5411355.7
L4820.0	504820.5	5411357.2	42866.30078	415.16	0	48.855163	-86.934285	56538.20	56237.2	12.77	56550.97	56520.67188	56533.63475	56511.41406	504820.5	5411357.2
L4820.0	504820.5	5411359.4	42866.39844	415.31	0	48.855183	-86.934285	56537.71	56237.2	12.77	56550.48	56519.92578	56535.42585	56512.83203	504820.5	5411359.4
L4820.0	504820.5	5411361.0	42866.50000	414.16	0	48.855197	-86.934284	56536.64	56237.2	12.76	56549.41	56518.59766	56523.01976	56500.05859	504820.5	5411361.0
L4820.0	504820.5	5411361.0	42866.60156	413.07	0	48.855197	-86.934284	56536.28	56237.2	12.76	56549.04	56517.97656	56527.37965	56504.05469	504820.5	5411361.0
L4820.0	504820.5	5411362.6	42866.69922	412.55	0	48.855211	-86.934284	56535.26	56237.2	12.76	56548.02	56516.70703	56515.81981	56492.13672	504820.5	5411362.6
L4820.0	504820.5	5411362.6	42866.80078	413.09	0	48.855211	-86.934284	56534.86	56237.2	12.76	56547.62	56516.05859	56519.06086	56495.02734	504820.5	5411362.6
L4820.0	504820.5	5411364.1	42866.89844	411.97	0	48.855225	-86.934284	56534.11	56237.2	12.76	56546.87	56515.06641	56513.61294	56489.23047	504820.5	5411364.1
L4820.0	504820.5	5411365.6	42867.00000	411.85	0	48.855238	-86.934284	56533.58	56237.2	12.76	56546.34	56514.29297	56513.25547	56488.52344	504820.5	5411365.6
L4820.0	504820.6	5411367.2	42867.10156	411.72	0	48.855252	-86.934284	56533.04	56237.2	12.76	56545.80	56513.51563	56512.40693	56487.33203	504820.6	5411367.2
L4820.0	504820.6	5411367.2	42867.19922	411.60	0	48.855252	-86.934284	56532.30	56237.2	12.76	56545.06	56512.54297	56506.45360	56481.04297	504820.6	5411367.2
L4820.0	504820.6	5411369.2	42867.30078	412.88	0	48.855270	-86.934284	56531.71	56237.2	12.76	56544.47	56511.71875	56503.85020	56478.10547	504820.6	5411369.2
L4820.0	504820.6	5411371.1	42867.39844	412.64	0	48.855288	-86.934283	56531.10	56237.2	12.76	56543.86	56510.88281	56500.46678	56474.39453	504820.6	5411371.1
L4820.0	504820.6	5411371.1	42867.50000	414.18	0	48.855288	-86.934283	56530.48	56237.2	12.76	56543.24	56510.03906	56496.52951	56470.13281	504820.6	5411371.1
L4820.0	504820.6	5411372.7	42867.60156	414.58	0	48.855303	-86.934283	56529.75	56237.2	12.76	56542.51	56509.08594	56489.60238	56462.88281	504820.6	5411372.7
L4820.0	504820.6	5411374.7	42867.69922	417.10	0	48.855320	-86.934283	56529.44	56237.2	12.76	56542.20	56508.55859	56492.49596	56465.46094	504820.6	5411374.7
L4820.0	504820.6	5411374.7	42867.80078	416.10	0	48.855320	-86.934283	56528.73	56237.2	12.76	56541.49	56507.63281	56485.34951	56458.00000	504820.6	5411374.7
L4820.0	504820.6	5411376.4	42867.89844	415.65	0	48.855335	-86.934283	56528.09	56237.2	12.76	56540.85	56506.78125	56479.52160	56451.86328	504820.6	5411376.4
L4820.0	504820.6	5411378.5	42867.89844	415.65	0	48.855355	-86.934283	56528.04	56237.2	12.76	56540.80	56506.52344	56487.58091	56459.61719	504820.6	5411378.5
L4820.0	504820.6	5411378.5	42868.10156	414.30	0	48.855355	-86.934283	56527.71	56237.2	12.76	56540.47	56505.99219	56488.45686	56460.19141	504820.6	5411378.5
L4820.0	504820.6	5411379.6	42868.19922	415.49	0	48.855364	-86.934283	56526.78	56237.2	12.76	56539.55	56504.87109	56474.63156	56446.07031	504820.6	5411379.6
L4820.0	504820.6	5411381.3	42868.30078	413.42	0	48.855380	-86.934283	56526.31	56237.2	12.77	56539.07	56504.19531	56471.01659	56442.16406	504820.6	5411381.3
L4820.0	504820.6	5411381.3	42868.39844	411.94	0	48.855380	-86.934283	56526.00	56237.2	12.77	56538.76	56503.69141	56471.06249	56441.92188	504820.6	5411381.3
L4820.0	504820.6	5411384.6	42868.50000	413.65	0	48.855409	-86.934283	56525.71	56237.2	12.77	56538.49	56503.23438	56471.60814	56442.17969	504820.6	5411384.6
L4820.0	504820.6	5411384.6	42868.60156	416.19	0	48.855409	-86.934283	56525.23	56237.2	12.77	56538.01	56502.56641	56466.58860	56436.87891	504820.6	5411384.6
L4820.0	504820.6	5411386.1	42868.69922	414.71	0	48.855423	-86.934283	56525.20	56237.2	12.77	56537.98	56502.35547	56471.96211	56441.97266	504820.6	5411386.1
L4820.0	504820.6	5411386.1	42868.80078	413.96	0	48.855423	-86.934283	56524.59	56237.2	12.78	56537.37	56501.56641	56462.78760	56432.52734	504820.6	5411386.1
L4820.0	504820.6	5411388.1	42868.89844	414.99	0	48.855440	-86.934283	56524.39	56237.2	12.78	56537.17	56501.19141	56463.01036	56432.47656	504820.6	5411388.1
L4820.0	504820.6	5411389.5	42869.00000	413.79	0	48.855454	-86.934283	56523.98	56237.2	12.78	56536.76	56500.61328	56457.61249	56426.81250	504820.6	5411389.5
L4820.0	504820.6	5411391.1	42869.10156	412.58	0	48.855467	-86.934283	56523.44	56237.2	12.78	56536.22	56499.90625	56448.51721	56417.45313	504820.6	5411391.1

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4820.0	504820.6	5411391.1	42869.19922	411.69	0	48.855467	-86.934283	56523.42	56237.2	12.78	56536.20	56499.72266	56451.44277	56420.11719	504820.6	5411391.1
L4820.0	504820.6	5411392.8	42869.30078	412.09	0	48.855483	-86.934283	56523.32	56237.2	12.78	56536.10	56499.46484	56451.85670	56420.27734	504820.6	5411392.8
L4820.0	504820.6	5411394.7	42869.39844	412.18	0	48.855500	-86.934283	56522.86	56237.2	12.78	56535.63	56498.83984	56442.72934	56410.89844	504820.6	5411394.7
L4820.0	504820.6	5411394.7	42869.50000	411.35	0	48.855500	-86.934283	56523.24	56237.2	12.78	56536.01	56499.07031	56453.57507	56421.49219	504820.6	5411394.7
L4820.0	504820.6	5411397.2	42869.60156	412.43	0	48.855523	-86.934283	56522.86	56237.2	12.77	56535.63	56498.54297	56445.42008	56413.08984	504820.6	5411397.2
L4820.0	504820.6	5411398.7	42869.69922	412.14	0	48.855536	-86.934283	56522.86	56237.2	12.77	56535.63	56498.39844	56445.84386	56413.27344	504820.6	5411398.7
L4820.0	504820.6	5411398.7	42869.80078	413.99	0	48.855536	-86.934283	56522.56	56237.2	12.77	56535.33	56497.95703	56438.38074	56405.57031	504820.6	5411398.7
L4820.0	504820.6	5411400.5	42869.89844	414.77	0	48.855552	-86.934283	56522.47	56237.2	12.77	56535.24	56497.73047	56435.36487	56402.32031	504820.6	5411400.5
L4820.0	504820.6	5411402.2	42869.89844	414.77	0	48.855568	-86.934283	56522.55	56237.2	12.77	56535.32	56497.67969	56435.82056	56402.53906	504820.6	5411402.2
L4820.0	504820.6	5411402.2	42870.10156	413.58	0	48.855568	-86.934283	56522.98	56237.2	12.77	56535.75	56497.98047	56444.09701	56410.58594	504820.6	5411402.2
L4820.0	504820.6	5411403.7	42870.19922	415.37	0	48.855581	-86.934283	56522.66	56237.2	12.76	56535.42	56497.52734	56433.32486	56399.58984	504820.6	5411403.7
L4820.0	504820.6	5411405.0	42870.30078	416.93	0	48.855593	-86.934283	56522.96	56237.2	12.76	56535.72	56497.70703	56437.13797	56403.17969	504820.6	5411405.0
L4820.0	504820.6	5411406.4	42870.39844	416.56	0	48.855606	-86.934283	56523.21	56237.2	12.76	56535.97	56497.83984	56439.07489	56404.89844	504820.6	5411406.4
L4820.0	504820.6	5411406.4	42870.50000	415.33	0	48.855606	-86.934283	56523.24	56237.2	12.75	56535.99	56497.74609	56434.77544	56400.38281	504820.6	5411406.4
L4820.0	504820.6	5411407.7	42870.60156	415.87	0	48.855617	-86.934283	56523.26	56237.2	12.75	56536.01	56497.65625	56429.80263	56395.19531	504820.6	5411407.7
L4820.0	504820.5	5411409.4	42870.69922	416.09	0	48.855633	-86.934283	56523.83	56237.3	12.75	56536.58	56498.12109	56437.46454	56402.64844	504820.5	5411409.4
L4820.0	504820.5	5411411.2	42870.80078	418.39	0	48.855648	-86.934284	56524.11	56237.3	12.75	56536.85	56498.28906	56437.18870	56402.16406	504820.5	5411411.2
L4820.0	504820.5	5411412.4	42870.89844	415.98	0	48.855659	-86.934284	56524.54	56237.3	12.74	56537.29	56498.63281	56440.34875	56405.12109	504820.5	5411412.4
L4820.0	504820.5	5411412.4	42871.00000	413.62	0	48.855659	-86.934284	56524.64	56237.3	12.74	56537.38	56498.62891	56434.36014	56398.93359	504820.5	5411412.4
L4820.0	504820.5	5411413.8	42871.10156	413.67	0	48.855672	-86.934284	56525.28	56237.3	12.74	56538.01	56499.16797	56440.76254	56405.13672	504820.5	5411413.8
L4820.0	504820.5	5411413.8	42871.19922	415.49	0	48.855672	-86.934284	56525.84	56237.3	12.73	56538.58	56499.64844	56445.03699	56409.21875	504820.5	5411413.8
L4820.0	504820.5	5411415.9	42871.30078	414.92	0	48.855691	-86.934284	56526.10	56237.3	12.73	56538.83	56499.81641	56440.89365	56404.88281	504820.5	5411415.9
L4820.0	504820.5	5411417.2	42871.39844	415.75	0	48.855702	-86.934284	56526.46	56237.3	12.73	56539.18	56500.08594	56438.50020	56402.30078	504820.5	5411417.2
L4820.0	504820.5	5411418.5	42871.50000	417.29	0	48.855715	-86.934284	56527.25	56237.3	12.72	56539.97	56500.79688	56446.08905	56409.70703	504820.5	5411418.5
L4820.0	504820.5	5411418.5	42871.60156	419.89	0	48.855715	-86.934284	56528.24	56237.3	12.72	56540.96	56501.71484	56457.85683	56421.29297	504820.5	5411418.5
L4820.0	504820.5	5411420.2	42871.69922	419.29	0	48.855729	-86.934284	56528.50	56237.3	12.72	56541.21	56501.89453	56451.06032	56414.31641	504820.5	5411420.2
L4820.0	504820.5	5411421.3	42871.80078	416.66	0	48.855739	-86.934284	56529.36	56237.3	12.72	56542.08	56502.69531	56458.61935	56421.70313	504820.5	5411421.3
L4820.0	504820.5	5411421.3	42871.89844	415.56	0	48.855739	-86.934284	56530.16	56237.3	12.71	56542.87	56503.42188	56463.60050	56426.51172	504820.5	5411421.3
L4820.0	504820.5	5411422.7	42871.89844	415.56	0	48.855752	-86.934284	56530.64	56237.3	12.71	56543.36	56503.85156	56460.68762	56423.42969	504820.5	5411422.7
L4820.0	504820.4	5411424.2	42872.10156	417.37	0	48.855766	-86.934285	56531.36	56237.3	12.71	56544.07	56504.50391	56462.47404	56425.05078	504820.4	5411424.2
L4820.0	504820.4	5411425.4	42872.19922	416.46	0	48.855776	-86.934285	56532.15	56237.3	12.71	56544.86	56505.24219	56465.58121	56427.99609	504820.4	5411425.4
L4820.0	504820.4	5411425.4	42872.30078	414.91	0	48.855776	-86.934285	56532.70	56237.3	12.71	56545.41	56505.74219	56462.27511	56424.53125	504820.4	5411425.4
L4820.0	504820.4	5411427.0	42872.39844	415.44	0	48.855790	-86.934285	56533.73	56237.3	12.71	56546.44	56506.72266	56469.99151	56432.09375	504820.4	5411427.0
L4820.0	504820.4	5411428.3	42872.50000	415.45	0	48.855803	-86.934286	56534.80	56237.3	12.71	56547.51	56507.74609	56478.09369	56440.04297	504820.4	5411428.3
L4820.0	504820.4	5411429.8	42872.60156	415.06	0	48.855816	-86.934286	56535.49	56237.3	12.71	56548.20	56508.39453	56476.42966	56438.23047	504820.4	5411429.8
L4820.0	504820.4	5411429.8	42872.69922	414.90	0	48.855816	-86.934286	56536.20	56237.3	12.71	56548.91	56509.06641	56474.69288	56436.34766	504820.4	5411429.8
L4820.0	504820.3	5411431.8	42872.80078	415.90	0	48.855834	-86.934286	56537.18	56237.3	12.71	56549.89	56510.01172	56478.94732	56440.46094	504820.3	5411431.8
L4820.0	504820.3	5411433.4	42872.89844	417.03	0	48.855848	-86.934286	56538.14	56237.3	12.71	56550.85	56510.93750	56482.18902	56443.56250	504820.3	5411433.4
L4820.0	504820.3	5411434.3	42873.00000	418.74	0	48.855857	-86.934286	56539.04	56237.3	12.71	56551.75	56511.80469	56483.46485	56444.70313	504820.3	5411434.3
L4820.0	504820.3	5411435.5	42873.10156	419.18	0	48.855868	-86.934287	56540.21	56237.3	12.71	56552.92	56512.94922	56490.77663	56451.88281	504820.3	5411435.5
L4820.0	504820.3	5411435.5	42873.19922	419.79	0	48.855868	-86.934287	56541.38	56237.3	12.70	56554.08	56514.08203	56497.36410	56458.33984	504820.3	5411435.5
L4820.0	504820.3	5411437.0	42873.30078	416.71	0	48.855881	-86.934287	56542.48	56237.3	12.70	56555.17	56515.14844	56501.79171	56462.64453	504820.3	5411437.0
L4820.0	504820.3	5411438.3	42873.39844	417.04	0	48.855893	-86.934287	56543.56	56237.3	12.69	56556.25	56516.21094	56505.52855	56466.26172	504820.3	5411438.3
L4820.0	504820.3	5411439.7	42873.50000	417.39	0	48.855905	-86.934287	56544.63	56237.3	12.69	56557.32	56517.26172	56508.59208	56469.20313	504820.3	5411439.7
L4820.0	504820.3	5411439.7	42873.60156	418.31	0	48.855905	-86.934287	56545.68	56237.3	12.69	56558.36	56518.28516	56510.51615	56471.01172	504820.3	5411439.7
L4820.0	504820.3	5411441.1	42873.69922	418.71	0	48.855918	-86.934287	56546.59	56237.3	12.68	56559.28	56519.19141	56509.14096	56469.52734	504820.3	5411441.1
L4820.0	504820.3	5411441.1	42873.80078	418.50	0	48.855918	-86.934287	56547.61	56237.3	12.68	56560.29	56520.19141	56509.56734	56469.84766	504820.3	5411441.1
L4820.0	504820.3	5411442.7	42873.89844	419.00	0	48.855932	-86.934287	56548.79	56237.3	12.67	56561.46	56521.35156	56513.50832	56473.68359	504820.3	5411442.7
L4820.0	504820.3	5411444.4	42873.89844	419.00	0	48.855947	-86.934287	56549.66	56237.3	12.67	56562.33	56522.21484	56509.85072	56469.92578	504820.3	5411444.4
L4820.0	504820.3	5411445.6	42874.10156	415.00	0	48.855958	-86.934287	56550.72	56237.3	12.67	56563.39	56523.26953	56510.47254	56470.44922	504820.3	5411445.6
L4820.0	504820.3	5411445.6	42874.19922	417.08	0	48.855958	-86.934287	56552.28	56237.3	12.67	56564.95	56524.82813	56522.89583	56482.78125	504820.3	5411445.6
L4820.0	504820.3	5411446.8	42874.30078	416.83	0	48.855968	-86.934287	56553.94	56237.3	12.66	56566.60	56526.47656	56537.21816	56497.01563	504820.3	5411446.8
L4820.0	504820.3	5411446.8	42874.39844	415.81	0	48.855968	-86.934287	56555.04	56237.3	12.66	56567.70	56527.57813	56537.97099	56497.68359	504820.3	5411446.8
L4820.0	504820.3	5411448.4	42874.50000	414.85	0	48.855984	-86.934287	56556.39	56237.3	12.66	56569.05	56528.92969	56544.53538	56504.16797	504820.3	5411448.4
L4820.0	504820.3	5411449.5	42874.60156	413.53	0	48.855993	-86.934287	56557.54	56237.3	12.66	56570.20	56530.08594	56546.04123	56505.59375	504820.3	5411449.5
L4820.0	504820.2	5411450.7	42874.69922	414.98	0	48.856004	-86.934287	56558.59	56237.3	12.66	56571.24	56531.13281	56544.68703	56504.16797	504820.2	5411450.7
L4820.0	504820.2	5411450.7	42874.80078	414.01	0	48.856004	-86.934287	56559.73	56237.3	12.65	56572.39	56532.28906	56545.81745	56505.23047	504820.2	5411450.7
L4820.0	504820.2	5411452.0	42874.89844	413.92	0	48.856015	-86.934287	56561.09	56237.3	12.65	56573.74	56533.64844	56551.63103	56510.97656	504820.2	5411452.0
L4820.0	504820.2	5411452.0	42875.00000	415.35	0	48.856015	-86.934287	56562.52	56237.3	12.65	56575.17	56535.08984	56559.24406	56518.52734	504820.2	5411452.0
L4820.0	504820.2	5411453.6	42875.10156	415.17	0	48.856030	-86.934287	56563.79	56237.4	12.65	56576.43	56536.36328	56562.62665	56521.85156	504820.2	5411453.6
L4820.0	504820.2	5411454.8	42875.19922	416.97	0	48.856041	-86.934288	56565.07	56237.4	12.65	56577.72	56537.66797	56566.63923	56525.81250	504820.2	5411454.8
L4820.0	504820.1	5411455.9	42875.30078	415.40	0	48.856051	-86.934288	56566.22	56237.4	12.64	56578.86	56538.82031	56566.94576	56526.07031	504820.1	5411455.9
L4820.0	504820.1	5411457.1	42875.39844	415.89	0	48.856062	-86.934289	56567.18	56237.4	12.64	56579.83	56539.80859	56563.08217	56522.16016	504820.1	5411457.1
L4820.0	504820.1	5411457.1	42875.50000	415.90	0	48.856062	-86.934289	56568.48	56237.4	12.64	56581.12	56541.11719	56566.92674	56525.96484	504820.1	5411457.1
L4820.0	504820.1	5411458.5	42875.60156	416.71	0	48.856074	-86.934289	56569.38	56237.4	12.64	56582.02	56542.03516	56561.31630	56520.31641	504820.1	5411458.5
L4820.0	504820.1	5411458.5	42875.69922	414.69	0	48.856074	-86.934289	56570.76	56237.4	12.64	56583.39	56543.42578	56567.08301	56526.05078	504820.1	5411458.5
L4820.0	504820.0	5411459.7	42875.80078	413.95	0	48.856085	-86.934290	56571.88	56237.4	12.63	56584.52	56544.57422	56567.06321	56526.00391	504820.0	5411459.7
L4820.0	504820.0	5411460.7	42875.89844	413.20	0	48.856094	-86.934290	56573.08	56237.4	12.63	56585.71	56545.78516	56568.53591	56527.45313	504820.0	5411460.7
L4820.0	504820.0	5411461.9	42875.89844	413.20	0	48.856105	-86.934290	56574.71	56237.4	12.63	56587.35	56547.44922	56580.95789	56539.85156	504820.0	5411461.9
L4820.0	504820.0	5411463.0	42876.10156	414.86	0	48.856115	-86.934290	56576.37	56237.4	12.62	56588.99	56549.11328	56593.45673	56552.33594	504820.0	5411463.0
L4820.0	504820.0	5411463.0	42876.19922	416.13	0	48.856115	-86.934290	56577.21	56237.4	12.62	56589.83	56549.97656	56586.68931	56545.55859	504820.0	5411463.0
L4820.0	504820.0	5411463.0	42876.30078	415.20	0	48.856115	-86.934290	56578.49	56237.4	12.61	56591.10	56551.27344	56590.44009	56549.30078	504820.0	5411463.0
L4820.0	504820.0	5411464.4	42876.39844	416.86	0	48.856127	-86.934291	56579.82	56237.4	12.60	56592.42	56552.61719	56595.52949	56554.38672	504820.0	5411464.4
L4820.0	504820.0	5411465.3	42876.50000	418.31	0	48.856136	-86.934291	56580.96	56237.4	12.59	56593.56	56553.78516	56596.40767	56555.26563	504820.0	5411465.3
L4820.0	504820.0	5411465.3	42876.60156	418.06	0	48.856136	-86.934291	56582.22	56237.4	12.59	56594.81	56555.06250	56600.10880	56558.97266	504820.0	5411465.3
L4820.0	504819.9	5411466.4	42876.69922	419.18	0	48.856145	-86.934291	56583.55	56237.4	12.58	56596.13	56556.41016	56605.68023	56564.55469	504819.9	5411466.4
L4820.0	504819.9	5411467.3	42876.80078	416.44	0	48.856153	-86.934291	56584.38	56237.4	12.57	56596.96	56557.26953	56599.58431	56558.47266	504819.9	5411467.3
L4820.0	504819.9	5411468.3	42876.89844	417.63	0	48.856162	-86.934292	56585.51	56237.4	12.57	56598.07	56558.40625	56600.47014	56559.37891	504819.9	5411468.3
L4820.0	504819.9	5411468.3	42877.00000	418.67	0	48.856162	-86.934292	56586.89	56237.4	12.56	56599.45	56559.81641	56608.10952	56567.03906	504819.9	5411468.3
L4820.0	504819.9	5411469.1	42877.10156	416.05	0	48.856170	-86.934292	56588.06	56237.4	12.56	56600.62	56561.01563	56610.89923	56569.85547	504819.9	5411469.1
L4820.0	504819.8	5411470.1	42877.19922	417.34	0	48.856178	-86.934292	56589.32	56237.4	12.56	56601.87	56562.29688	56615.87022	56574.85547	504819.8	5411470.1
L4820.0	504819.8	5411470.1	42877.30078	418.41	0	48.856178	-86.934292	56590.32	56237.4	12.56	56602.87	56563.32422	56615.04825	56574.07031	504819.8	5411470.1
L4820.0	504819.8	5411470.9	42877.39844	418.30	0	48.856185	-86.934293	56591.36	56237.4	12.56	56603.91	56564.39453	56615.46308	56574.52734	504819.8	5411470.9
L4820.0	504819.8	5411471.7	42877.50000	417.79	0	48.856193	-86.934293	56592.75	56237.4	12.56	56605.31	56565.82813	56624.86990	56583.97656	504819.8	5411471.7
L4820.0	504819.8	5411472.7	42877.60156	417.43	0	48.856202	-86.934293	56593.81	56237.4	12.55	56606.37	56566.91797	56626.33825	56585.49219	504819.8	5411472.7
L4820.0	504819.8	5411472.7	42877.69922	416.16	0	48.856202	-86.934293	56594.44	56237.4	12.55	56606.99	56567.57031	56617.45766	56576.66406	504819.8	5411472.7
L4820.0	504819.8	5411473.5	42877.80078	415.66	0	48.856209	-86.934293	56595.43	56237.4	12.55	56607.99	56568.60156	56618.08192	56577.34375	504819.8	5411473.5
L4820.0	504819.8	5411473.5	42877.89844	413.52	0	48.856209	-86.934293	56596.57	56237.4	12.55	56609.12	56569.76172	56622.16911	56581.49219	504819.8	5411473.5
L4820.0	504819.8	5411474.4	42877.89844	413.52	0	48.856217	-86.934293	56597.84	56237.4	12.55	56610.39	56571.06250	56629.96894	56589.35547	504819.8	5411474.4
L4820.0	504819.8	5411475.2	42878.10156	413.45	0	48.856224	-86.934293	56598.90	56237.5	12.54	56611.44	56572.14453	56632.77609	56592.23047	504819.8	5411475.2
L4820.0	504819.7	5411475.9	42878.19922	414.00	0	48.856230	-86.934294	56599.85	56237.5	12.53	56612.39	56573.12500	56633.50107	56593.02734	504819.7	5411475.9
L4820.0	504819.7	5411476.6	42878.30078	416.06	0	48.856237	-86.934294	56600.95	56237.5	12.53	56613.48	56574.25000	56637.95786	56597.55859	504819.7	5411476.6
L4820.0	504819.7	5411476.6	42878.39844	414.90	0	48.856237	-86.934294	56602.04	56237.5	12.52	56614.56	56575.35938	56642.52140	56602.20313	504819.7	5411476.6

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4820.0	504819.7	5411476.6	42878.50000	413.70	0	48.856237	-86.934294	56603.20	56237.5	12.51	56615.71	56576.54297	56649.13221	56608.89844	504819.7	5411476.6
L4820.0	504819.8	5411478.0	42878.60156	413.35	0	48.856250	-86.934293	56604.17	56237.5	12.50	56616.67	56577.53125	56651.50183	56611.35156	504819.8	5411478.0
L4820.0	504819.8	5411478.0	42878.69922	415.68	0	48.856250	-86.934293	56605.23	56237.5	12.49	56617.73	56578.62500	56656.65169	56616.59375	504819.8	5411478.0
L4820.0	504819.8	5411478.6	42878.80078	416.94	0	48.856255	-86.934293	56605.90	56237.5	12.49	56618.38	56579.30469	56652.24183	56612.28125	504819.8	5411478.6
L4820.0	504819.8	5411479.2	42878.89844	418.48	0	48.856260	-86.934293	56606.67	56237.5	12.48	56619.15	56580.10547	56651.10065	56611.23828	504819.8	5411479.2
L4820.0	504819.8	5411480.0	42879.00000	418.60	0	48.856268	-86.934293	56607.66	56237.5	12.47	56620.13	56581.11719	56655.40750	56615.64453	504819.8	5411480.0
L4820.0	504819.8	5411480.0	42879.10156	420.13	0	48.856268	-86.934293	56608.43	56237.5	12.47	56620.90	56581.91797	56654.99865	56615.33984	504819.8	5411480.0
L4820.0	504819.8	5411480.5	42879.19922	417.62	0	48.856272	-86.934293	56609.24	56237.5	12.47	56621.71	56582.76172	56655.92440	56616.37500	504819.8	5411480.5
L4820.0	504819.8	5411481.0	42879.30078	418.02	0	48.856277	-86.934293	56610.50	56237.5	12.47	56622.97	56584.05078	56668.10663	56628.66797	504819.8	5411481.0
L4820.0	504819.8	5411481.5	42879.39844	417.92	0	48.856281	-86.934293	56611.74	56237.5	12.47	56624.22	56585.33203	56680.41177	56641.08594	504819.8	5411481.5
L4820.0	504819.8	5411481.5	42879.50000	419.02	0	48.856281	-86.934293	56612.53	56237.5	12.48	56625.01	56586.15234	56681.94772	56642.74219	504819.8	5411481.5
L4820.0	504819.8	5411482.0	42879.60156	418.43	0	48.856286	-86.934293	56613.28	56237.5	12.48	56625.75	56586.92188	56682.63466	56643.54688	504819.8	5411482.0
L4820.0	504819.8	5411482.4	42879.69922	416.83	0	48.856289	-86.934293	56614.12	56237.5	12.48	56626.60	56587.80078	56686.34201	56647.37891	504819.8	5411482.4
L4820.0	504819.8	5411482.9	42879.80078	417.53	0	48.856294	-86.934293	56614.38	56237.5	12.48	56626.85	56588.08203	56675.88381	56637.04688	504819.8	5411482.9
L4820.0	504819.8	5411483.5	42879.89844	418.21	0	48.856299	-86.934293	56614.98	56237.5	12.48	56627.46	56588.72266	56674.48922	56635.78125	504819.8	5411483.5
L4820.0	504819.8	5411483.5	42879.89844	418.21	0	48.856299	-86.934293	56615.24	56237.5	12.48	56627.72	56589.01172	56664.97132	56626.39453	504819.8	5411483.5
L4820.0	504819.8	5411484.0	42880.10156	418.52	0	48.856304	-86.934293	56616.03	56237.5	12.48	56628.51	56589.83203	56668.62225	56630.17969	504819.8	5411484.0
L4820.0	504819.8	5411484.0	42880.19922	417.99	0	48.856304	-86.934293	56616.88	56237.5	12.48	56629.35	56590.69922	56673.82039	56635.51172	504819.8	5411484.0
L4820.0	504819.8	5411484.4	42880.30078	418.08	0	48.856308	-86.934293	56617.48	56237.5	12.47	56629.96	56591.33984	56673.78389	56635.61719	504819.8	5411484.4
L4820.0	504819.8	5411484.9	42880.39844	417.69	0	48.856312	-86.934293	56617.97	56237.5	12.47	56630.45	56591.85938	56671.16888	56633.14063	504819.8	5411484.9
L4820.0	504819.8	5411485.3	42880.50000	418.85	0	48.856316	-86.934293	56618.56	56237.5	12.47	56631.03	56592.46484	56671.05121	56633.16797	504819.8	5411485.3
L4820.0	504819.8	5411485.3	42880.60156	418.19	0	48.856316	-86.934293	56619.40	56237.5	12.47	56631.87	56593.33594	56677.53833	56639.79688	504819.8	5411485.3
L4820.0	504819.8	5411485.8	42880.69922	417.78	0	48.856319	-86.934292	56620.02	56237.5	12.47	56632.48	56593.97266	56678.76470	56641.17188	504819.8	5411485.8
L4820.0	504819.8	5411486.1	42880.80078	418.34	0	48.856322	-86.934292	56620.24	56237.5	12.46	56632.71	56594.23047	56671.09281	56633.64844	504819.8	5411486.1
L4820.0	504819.8	5411486.1	42880.89844	419.56	0	48.856322	-86.934292	56620.73	56237.5	12.46	56633.19	56594.73828	56669.76161	56632.46875	504819.8	5411486.1
L4820.0	504819.9	5411486.4	42881.00000	418.57	0	48.856325	-86.934292	56621.36	56237.5	12.46	56633.82	56595.39844	56672.34308	56635.19922	504819.9	5411486.4
L4820.0	504819.9	5411486.7	42881.10156	418.99	0	48.856328	-86.934292	56621.91	56237.5	12.46	56634.37	56595.97656	56673.26281	56636.27344	504819.9	5411486.7
L4820.0	504819.9	5411486.9	42881.19922	418.05	0	48.856330	-86.934292	56622.31	56237.5	12.46	56634.77	56596.40234	56670.81835	56633.98047	504819.9	5411486.9
L4820.0	504819.9	5411486.9	42881.30078	416.57	0	48.856330	-86.934292	56622.72	56237.5	12.46	56635.18	56596.83984	56668.87327	56632.19141	504819.9	5411486.9
L4820.0	504819.9	5411487.2	42881.39844	419.51	0	48.856333	-86.934291	56623.08	56237.5	12.46	56635.54	56597.22656	56665.96674	56629.44141	504819.9	5411487.2
L4820.0	504819.9	5411487.5	42881.50000	418.12	0	48.856335	-86.934291	56623.56	56237.5	12.46	56636.02	56597.73438	56666.20401	56629.83594	504819.9	5411487.5
L4820.0	504819.9	5411487.5	42881.60156	415.36	0	48.856335	-86.934291	56623.89	56237.5	12.46	56636.35	56598.09375	56663.04179	56626.83203	504819.9	5411487.5
L4820.0	504819.9	5411487.7	42881.69922	416.12	0	48.856337	-86.934291	56623.98	56237.5	12.46	56636.44	56598.21094	56654.29285	56618.23828	504819.9	5411487.7
L4820.0	504819.9	5411487.9	42881.80078	415.86	0	48.856339	-86.934291	56624.15	56237.5	12.46	56636.61	56598.40625	56647.69227	56611.79688	504819.9	5411487.9
L4820.0	504819.9	5411487.9	42881.89844	416.15	0	48.856339	-86.934291	56624.54	56237.5	12.46	56637.00	56598.82422	56646.61894	56610.88672	504819.9	5411487.9
L4820.0	504819.9	5411488.1	42881.89844	416.15	0	48.856341	-86.934291	56624.56	56237.5	12.46	56637.01	56598.86328	56636.54295	56600.96875	504819.9	5411488.1
L4820.0	504820.0	5411488.3	42882.10156	414.25	0	48.856342	-86.934291	56624.94	56237.5	12.46	56637.40	56599.27734	56635.84773	56600.43359	504820.0	5411488.3
L4825.0	504827.0	5409653.7	27436.50000	384.62	0	48.839838	-86.934216	56099.68	56230	20.01	56119.69	56140.17578	56200.18559	56118.75000	504827.0	5409653.7
L4825.0	504827.0	5409654.1	27436.59961	383.81	0	48.839842	-86.934216	56099.86	56230	20.01	56119.87	56140.40625	56200.61630	56120.51953	504827.0	5409654.1
L4825.0	504827.0	5409654.3	27436.69922	382.78	0	48.839844	-86.934216	56099.81	56230	20.01	56119.82	56140.41016	56196.11673	56117.36328	504827.0	5409654.3
L4825.0	504827.0	5409654.3	27436.80078	384.95	0	48.839844	-86.934216	56099.86	56230	20.01	56119.87	56140.50781	56194.27458	56116.85938	504827.0	5409654.3
L4825.0	504827.1	5409654.6	27436.90039	384.90	0	48.839847	-86.934215	56099.65	56230	20.01	56119.66	56140.34766	56186.79990	56110.72266	504827.1	5409654.6
L4825.0	504827.1	5409655.1	27437.00000	385.52	0	48.839851	-86.934215	56099.55	56230	20.01	56119.56	56140.30078	56182.20029	56107.45703	504827.1	5409655.1
L4825.0	504827.1	5409655.1	27437.09961	385.51	0	48.839851	-86.934215	56099.24	56230	20.01	56119.25	56140.03906	56173.10572	56099.69531	504827.1	5409655.1
L4825.0	504827.1	5409655.4	27437.19922	387.38	0	48.839853	-86.934215	56099.20	56230	20.01	56119.21	56140.04297	56170.55451	56098.47266	504827.1	5409655.4
L4825.0	504827.1	5409655.8	27437.30078	387.50	0	48.839857	-86.934215	56098.95	56230	20.02	56118.96	56139.83984	56163.49452	56092.73438	504827.1	5409655.8
L4825.0	504827.1	5409656.2	27437.40039	387.18	0	48.839861	-86.934215	56098.48	56230	20.02	56118.50	56139.42578	56151.91854	56082.48047	504827.1	5409656.2
L4825.0	504827.1	5409656.6	27437.50000	386.06	0	48.839864	-86.934215	56098.26	56230	20.02	56118.28	56139.24609	56146.17403	56078.04688	504827.1	5409656.6
L4825.0	504827.1	5409656.6	27437.59961	384.36	0	48.839864	-86.934215	56097.96	56230	20.02	56117.98	56138.98828	56138.89007	56072.07031	504827.1	5409656.6
L4825.0	504827.1	5409656.9	27437.69922	384.41	0	48.839867	-86.934215	56098.16	56230	20.02	56118.18	56139.22656	56143.40524	56077.88672	504827.1	5409656.9
L4825.0	504827.0	5409657.4	27437.80078	384.86	0	48.839872	-86.934216	56097.81	56230	20.03	56117.83	56138.91406	56135.55059	56071.32813	504827.0	5409657.4
L4825.0	504827.0	5409657.4	27437.90039	384.12	0	48.839872	-86.934216	56097.35	56230	20.03	56117.38	56138.49609	56125.67313	56062.73828	504827.0	5409657.4
L4825.0	504827.0	5409657.9	27438.00000	384.14	0	48.839876	-86.934215	56097.38	56230	20.03	56117.41	56138.55859	56127.11118	56065.45313	504827.0	5409657.9
L4825.0	504827.1	5409658.4	27438.09961	383.96	0	48.839881	-86.934215	56097.10	56230	20.03	56117.13	56138.30859	56121.67839	56061.28906	504827.1	5409658.4
L4825.0	504827.1	5409658.4	27438.19922	381.92	0	48.839881	-86.934215	56097.22	56230	20.04	56117.26	56138.46484	56125.93449	56066.80469	504827.1	5409658.4
L4825.0	504827.1	5409659.0	27438.30078	383.05	0	48.839886	-86.934215	56097.27	56230	20.04	56117.31	56138.53516	56128.59630	56070.71875	504827.1	5409659.0
L4825.0	504827.1	5409659.5	27438.40039	383.99	0	48.839891	-86.934215	56097.10	56230	20.04	56117.14	56138.38672	56126.43437	56069.79688	504827.1	5409659.5
L4825.0	504827.1	5409659.9	27438.50000	379.29	0	48.839894	-86.934214	56097.27	56230	20.04	56117.32	56138.58203	56132.55686	56077.14453	504827.1	5409659.9
L4825.0	504827.1	5409659.9	27438.59961	380.57	0	48.839894	-86.934214	56097.27	56230	20.05	56117.32	56138.59375	56134.76021	56080.56641	504827.1	5409659.9
L4825.0	504827.2	5409660.5	27438.69922	387.11	0	48.839900	-86.934214	56097.13	56229.9	20.05	56117.18	56138.46484	56133.95702	56080.96875	504827.2	5409660.5
L4825.0	504827.2	5409661.0	27438.80078	384.30	0	48.839904	-86.934213	56096.97	56229.9	20.05	56117.02	56138.30859	56132.90079	56081.10547	504827.2	5409661.0
L4825.0	504827.2	5409661.0	27438.90039	385.18	0	48.839904	-86.934213	56096.99	56229.9	20.06	56117.05	56138.33984	56136.41610	56085.80078	504827.2	5409661.0
L4825.0	504827.3	5409661.7	27439.00000	387.34	0	48.839910	-86.934212	56096.48	56229.9	20.06	56116.54	56137.82813	56127.69754	56078.25000	504827.3	5409661.7
L4825.0	504827.3	5409662.3	27439.09961	386.95	0	48.839915	-86.934211	56096.60	56229.9	20.06	56116.66	56137.94141	56133.66014	56085.36328	504827.3	5409662.3
L4825.0	504827.3	5409662.3	27439.19922	385.91	0	48.839915	-86.934211	56096.41	56229.9	20.06	56116.48	56137.75000	56132.89661	56085.73828	504827.3	5409662.3
L4825.0	504827.4	5409663.1	27439.30078	387.69	0	48.839923	-86.934211	56096.18	56229.9	20.06	56116.25	56137.50391	56131.15238	56085.12109	504827.4	5409663.1
L4825.0	504827.5	5409663.7	27439.40039	386.91	0	48.839928	-86.934210	56095.96	56229.9	20.06	56116.03	56137.26172	56129.80102	56084.87891	504827.5	5409663.7
L4825.0	504827.5	5409664.4	27439.50000	386.43	0	48.839935	-86.934209	56095.81	56229.9	20.07	56115.87	56137.07813	56129.98612	56086.15625	504827.5	5409664.4
L4825.0	504827.5	5409664.4	27439.59961	387.03	0	48.839935	-86.934209	56095.40	56229.9	20.07	56115.47	56136.64844	56124.79769	56082.04297	504827.5	5409664.4
L4825.0	504827.6	5409665.2	27439.59961	387.03	0	48.839941	-86.934208	56095.27	56229.9	20.07	56115.34	56136.48047	56125.96460	56084.27344	504827.6	5409665.2
L4825.0	504827.6	5409666.0	27439.80078	387.03	0	48.839949	-86.934208	56095.23	56229.9	20.07	56115.29	56136.39063	56129.10837	56088.46094	504827.6	5409666.0
L4825.0	504827.6	5409666.0	27439.90039	386.98	0	48.839949	-86.934208	56094.85	56229.9	20.07	56114.92	56135.97656	56125.01847	56085.39844	504827.6	5409666.0
L4825.0	504827.6	5409666.8	27440.00000	385.90	0	48.839956	-86.934207	56094.92	56229.9	20.07	56114.99	56135.99609	56131.17696	56092.56641	504827.6	5409666.8
L4825.0	504827.7	5409667.6	27440.09961	384.58	0	48.839963	-86.934207	56094.54	56229.9	20.07	56114.61	56135.56250	56127.09846	56089.48047	504827.7	5409667.6
L4825.0	504827.7	5409667.6	27440.19922	384.15	0	48.839963	-86.934207	56094.26	56229.9	20.07	56114.33	56135.22266	56125.43317	56088.79297	504827.7	5409667.6
L4825.0	504827.7	5409668.6	27440.30078	385.28	0	48.839972	-86.934207	56094.24	56229.9	20.07	56114.31	56135.13672	56129.85731	56094.17188	504827.7	5409668.6
L4825.0	504827.7	5409668.6	27440.40039	385.06	0	48.839972	-86.934207	56093.63	56229.9	20.07	56113.71	56134.46484	56121.03661	56086.28906	504827.7	5409668.6
L4825.0	504827.7	5409669.3	27440.50000	385.75	0	48.839978	-86.934206	56093.78	56229.9	20.07	56113.86	56134.53906	56129.57021	56095.74219	504827.7	5409669.3
L4825.0	504827.7	5409670.4	27440.59961	387.40	0	48.839989	-86.934206	56093.05	56229.9	20.08	56113.12	56133.71875	56117.71569	56084.78906	504827.7	5409670.4
L4825.0	504827.7	5409670.4	27440.69922	385.36	0	48.839989	-86.934206	56093.23	56229.9	20.08	56113.31	56133.82031	56127.34783	56095.30469	504827.7	5409670.4
L4825.0	504827.8	5409671.1	27440.80078	384.47	0	48.839995	-86.934206	56092.74	56229.9	20.08	56112.82	56133.23828	56121.41492	56090.23438	504827.8	5409671.1
L4825.0	504827.8	5409672.2	27440.90039	386.88	0	48.840005	-86.934205	56092.65	56229.9	20.08	56112.73	56133.05078	56124.76422	56094.42578	504827.8	5409672.2
L4825.0	504827.8	5409672.2	27441.00000	387.23	0	48.840005	-86.934205	56092.37	56229.9	20.08	56112.45	56132.66797	56123.81533	56094.30078	504827.8	5409672.2
L4825.0	504827.8	5409673.1	27441.09961	388.33	0	48.840013	-86.934205	56091.93	56229.9	20.08	56112.01	56132.11719	56119.25466	56090.54297	504827.8	5409673.1
L4825.0	504827.8	5409674.1	27441.19922	383.47	0	48.840022	-86.934205	56091.98	56229.9	20.08	56112.07	56132.06250	56126.26556	56098.33594	504827.8	5409674.1
L4825.0	504827.8	5409674.1	27441.30078	381.79	0	48.840022	-86.934205	56091.56	56229.9	20.08	56111.64	56131.51563	56122.06390	56094.89844	504827.8	5409674.1
L4825.0	504827.8	5409675.1	27441.40039	381.80	0	48.840031	-86.934205	56091.41	56229.9	20.08	56111.49	56131.23828	56124.36457	56097.94141	504827.8	5409675.1
L4825.0	504827.8	5409675.9	27441.50000	382.32	0	48.840038	-86.934205	56091.05	56229.9	20.08	56111.14	56130.75781	56122.11925	56096.41797	504827.8	5409675.9
L4825.0	504827.8	5409675.9	27441.59961	381.15	0	48.840038	-86.934205	56090.98	56229.9	20.09	56111.07	56130.55078	56126.37005	56101.37109	504827.8	5409675.9
L4825.0	504827.8	5409676.7	27441.69922	379.90	0	48.840045	-86.934205	56090.80	56229.9	20.09	56110.88	56130.22266	56127.90985	56103.59375	504827.8	5409676.7
L4825.0	504827.8	5409677.6	27441.80078	378.46	0	48.840053	-86.934205	56090.24	56229.9	20.09	56110.33	56129.52344	56121.21337	56097.55859	504827.8	5409677.6
L4825.0	504827.8	5409678.8	27441.90039	380.39	0	48.840064	-86.934206	56089.99	56229.9	20.09	56110.08	56129.12109	56121.46512	56098.44922	504827.8	5409678.8
L4825.0	504827.8	5409678.8	27442.00000	380.73	0	48.840064	-86.934206	56089.84	56229.9	20.09	56109.93	56128.81641	56124.06055	56101.66406	504827.8	5409678.8

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4825.0	504827.7	5409679.7	27442.09961	379.69	0	48.840072	-86.934206	56089.31	56229.9	20.09	56109.40	56128.12500	56117.95224	56096.15625	504827.7	5409679.7
L4825.0	504827.7	5409679.7	27442.19922	378.02	0	48.840072	-86.934206	56089.00	56229.9	20.09	56109.09	56127.64453	56116.94445	56095.72656	504827.7	5409679.7
L4825.0	504827.7	5409680.7	27442.30078	376.42	0	48.840081	-86.934207	56088.50	56229.9	20.09	56108.59	56126.97266	56111.60075	56090.94141	504827.7	5409680.7
L4825.0	504827.6	5409681.4	27442.40039	378.75	0	48.840088	-86.934208	56088.29	56229.9	20.09	56108.38	56126.58594	56112.96434	56092.84375	504827.6	5409681.4
L4825.0	504827.5	5409682.6	27442.50000	379.61	0	48.840098	-86.934209	56088.06	56229.9	20.09	56108.15	56126.17578	56113.90007	56094.29688	504827.5	5409682.6
L4825.0	504827.4	5409683.6	27442.59961	377.37	0	48.840108	-86.934210	56088.09	56229.9	20.09	56108.18	56126.01953	56120.84919	56101.74219	504827.4	5409683.6
L4825.0	504827.4	5409683.6	27442.69922	375.09	0	48.840108	-86.934210	56087.72	56229.9	20.09	56107.81	56125.45703	56118.62298	56099.99609	504827.4	5409683.6
L4825.0	504827.3	5409684.6	27442.80078	374.80	0	48.840116	-86.934211	56087.13	56229.9	20.09	56107.22	56124.67188	56111.36178	56093.19141	504827.3	5409684.6
L4825.0	504827.2	5409685.8	27442.90039	374.18	0	48.840128	-86.934213	56086.78	56229.9	20.09	56106.87	56124.12109	56109.64898	56091.91406	504827.2	5409685.8
L4825.0	504827.2	5409685.8	27443.00000	374.10	0	48.840128	-86.934213	56086.17	56229.9	20.09	56106.26	56123.30469	56101.97778	56084.66016	504827.2	5409685.8
L4825.0	504827.2	5409686.9	27443.09961	374.96	0	48.840137	-86.934214	56086.09	56229.9	20.09	56106.19	56123.02734	56106.75531	56089.83594	504827.2	5409686.9
L4825.0	504827.1	5409688.0	27443.19922	375.65	0	48.840146	-86.934214	56085.36	56229.9	20.09	56105.45	56122.07422	56096.13727	56079.59766	504827.1	5409688.0
L4825.0	504827.0	5409689.0	27443.30078	374.40	0	48.840156	-86.934215	56085.48	56229.9	20.10	56105.58	56121.98828	56105.55878	56089.37500	504827.0	5409689.0
L4825.0	504827.0	5409689.0	27443.40039	375.34	0	48.840156	-86.934215	56085.16	56229.9	20.10	56105.26	56121.44922	56104.64441	56088.80078	504827.0	5409689.0
L4825.0	504827.0	5409690.0	27443.50000	374.33	0	48.840164	-86.934216	56084.78	56229.9	20.10	56104.88	56120.84375	56102.36704	56086.84375	504827.0	5409690.0
L4825.0	504826.9	5409690.9	27443.59961	375.47	0	48.840173	-86.934217	56084.63	56229.9	20.10	56104.74	56120.47656	56105.62860	56090.41016	504826.9	5409690.9
L4825.0	504826.9	5409690.9	27443.69922	375.96	0	48.840173	-86.934217	56083.99	56229.9	20.10	56104.09	56119.59375	56097.16978	56082.23438	504826.9	5409690.9
L4825.0	504826.9	5409692.3	27443.80078	376.96	0	48.840185	-86.934217	56083.97	56229.9	20.11	56104.08	56119.35156	56103.45161	56088.78125	504826.9	5409692.3
L4825.0	504826.8	5409693.5	27443.90039	377.08	0	48.840196	-86.934218	56083.41	56229.9	20.11	56103.52	56118.55469	56097.09007	56082.66797	504826.8	5409693.5
L4825.0	504826.8	5409693.5	27444.00000	378.00	0	48.840196	-86.934218	56083.16	56229.9	20.11	56103.27	56118.06250	56097.87304	56083.67969	504826.8	5409693.5
L4825.0	504826.8	5409695.7	27444.09961	377.74	0	48.840216	-86.934219	56083.11	56229.9	20.11	56103.23	56117.78125	56103.49815	56089.51563	504826.8	5409695.7
L4825.0	504826.8	5409695.7	27444.19922	376.66	0	48.840216	-86.934219	56082.56	56229.9	20.12	56102.67	56116.97656	56097.16624	56083.37891	504826.8	5409695.7
L4825.0	504826.7	5409696.7	27444.30078	377.03	0	48.840225	-86.934219	56082.40	56229.9	20.12	56102.52	56116.57813	56100.27588	56086.66797	504826.7	5409696.7
L4825.0	504826.7	5409696.7	27444.40039	378.62	0	48.840225	-86.934219	56081.99	56229.9	20.12	56102.11	56115.91797	56097.40848	56083.96094	504826.7	5409696.7
L4825.0	504826.7	5409697.9	27444.50000	377.92	0	48.840236	-86.934220	56081.67	56229.9	20.13	56101.80	56115.35547	56096.84646	56083.54297	504826.7	5409697.9
L4825.0	504826.6	5409699.3	27444.59961	379.04	0	48.840248	-86.934220	56081.44	56229.9	20.13	56101.57	56114.87109	56098.12812	56084.95313	504826.6	5409699.3
L4825.0	504826.6	5409700.1	27444.69922	379.81	0	48.840256	-86.934221	56080.96	56229.9	20.13	56101.09	56114.13281	56093.65838	56080.59766	504826.6	5409700.1
L4825.0	504826.6	5409701.3	27444.80078	380.00	0	48.840267	-86.934221	56080.76	56229.9	20.13	56100.89	56113.67578	56095.63133	56082.66797	504826.6	5409701.3
L4825.0	504826.6	5409701.3	27444.90039	378.55	0	48.840267	-86.934221	56080.45	56229.9	20.14	56100.58	56113.10938	56095.07119	56082.19141	504826.6	5409701.3
L4825.0	504826.5	5409702.4	27445.00000	379.23	0	48.840276	-86.934222	56079.92	56229.9	20.14	56100.06	56112.32813	56089.67519	56076.86328	504826.5	5409702.4
L4825.0	504826.5	5409704.0	27445.09961	380.17	0	48.840291	-86.934223	56079.83	56229.9	20.14	56099.97	56111.97656	56094.16844	56081.41016	504826.5	5409704.0
L4825.0	504826.5	5409704.0	27445.19922	382.06	0	48.840291	-86.934223	56079.36	56229.9	20.14	56099.50	56111.24609	56089.91051	56077.19141	504826.5	5409704.0
L4825.0	504826.4	5409705.2	27445.30078	381.75	0	48.840302	-86.934223	56079.24	56229.9	20.14	56099.38	56110.86328	56093.69735	56081.00391	504826.4	5409705.2
L4825.0	504826.4	5409706.3	27445.40039	383.66	0	48.840311	-86.934224	56078.86	56229.9	20.14	56099.00	56110.21875	56091.49054	56078.80859	504826.4	5409706.3
L4825.0	504826.4	5409707.0	27445.50000	385.96	0	48.840318	-86.934224	56078.56	56229.9	20.14	56098.70	56109.65625	56091.11177	56078.42969	504826.4	5409707.0
L4825.0	504826.4	5409707.0	27445.59961	383.04	0	48.840318	-86.934224	56077.95	56229.9	20.14	56098.09	56108.78125	56083.58487	56070.89063	504826.4	5409707.0
L4825.0	504826.3	5409708.1	27445.69922	382.87	0	48.840328	-86.934225	56077.87	56229.9	20.14	56098.01	56108.43750	56088.23676	56075.51563	504826.3	5409708.1
L4825.0	504826.3	5409709.3	27445.80078	382.91	0	48.840338	-86.934225	56077.24	56229.9	20.14	56097.38	56107.54297	56080.21377	56067.45313	504826.3	5409709.3
L4825.0	504826.2	5409710.6	27445.90039	380.87	0	48.840350	-86.934226	56077.29	56229.9	20.14	56097.43	56107.33203	56087.81692	56075.00781	504826.2	5409710.6
L4825.0	504826.2	5409710.6	27446.00000	382.99	0	48.840350	-86.934226	56076.94	56229.9	20.14	56097.08	56106.71875	56086.19243	56073.32422	504826.2	5409710.6
L4825.0	504826.2	5409711.8	27446.09961	385.14	0	48.840361	-86.934227	56076.82	56229.9	20.14	56096.96	56106.33594	56089.83480	56076.89844	504826.2	5409711.8
L4825.0	504826.1	5409712.8	27446.19922	386.85	0	48.840370	-86.934227	56076.02	56229.9	20.14	56096.17	56105.28516	56078.03209	56065.01172	504826.1	5409712.8
L4825.0	504826.1	5409714.0	27446.30078	387.97	0	48.840380	-86.934228	56075.95	56229.9	20.14	56096.09	56104.94531	56082.53673	56069.42578	504826.1	5409714.0
L4825.0	504826.1	5409715.4	27446.40039	385.16	0	48.840393	-86.934228	56075.40	56229.9	20.14	56095.54	56104.13672	56076.19371	56062.98438	504826.1	5409715.4
L4825.0	504826.1	5409715.4	27446.50000	387.21	0	48.840393	-86.934228	56075.42	56229.9	20.15	56095.57	56103.91016	56083.16185	56069.83984	504826.1	5409715.4
L4825.0	504826.0	5409716.7	27446.59961	386.14	0	48.840405	-86.934228	56074.76	56229.9	20.15	56094.90	56102.98438	56073.98503	56060.54688	504826.0	5409716.7
L4825.0	504826.0	5409717.6	27446.69922	385.65	0	48.840413	-86.934229	56074.58	56229.9	20.15	56094.73	56102.56250	56076.27358	56062.70703	504826.0	5409717.6
L4825.0	504826.0	5409717.6	27446.80078	386.03	0	48.840413	-86.934229	56073.95	56229.9	20.15	56094.10	56101.67969	56067.93476	56054.23438	504826.0	5409717.6
L4825.0	504826.0	5409719.2	27446.90039	384.20	0	48.840427	-86.934229	56073.86	56229.9	20.15	56094.01	56101.33984	56071.97673	56058.13281	504826.0	5409719.2
L4825.0	504825.9	5409720.4	27447.00000	384.89	0	48.840439	-86.934230	56073.55	56229.8	20.15	56093.70	56100.78516	56070.90883	56056.91406	504825.9	5409720.4
L4825.0	504825.9	5409721.7	27447.09961	385.99	0	48.840450	-86.934230	56073.34	56229.8	20.15	56093.50	56100.33984	56072.32203	56058.17188	504825.9	5409721.7
L4825.0	504825.9	5409721.7	27447.19922	387.04	0	48.840450	-86.934230	56073.22	56229.8	20.16	56093.38	56099.97656	56075.52345	56061.21094	504825.9	5409721.7
L4825.0	504825.9	5409723.0	27447.30078	387.59	0	48.840461	-86.934231	56072.68	56229.8	20.16	56092.84	56099.19922	56069.00518	56054.51953	504825.9	5409723.0
L4825.0	504825.8	5409724.5	27447.40039	388.46	0	48.840475	-86.934231	56072.66	56229.8	20.16	56092.83	56098.95313	56074.62482	56059.96484	504825.8	5409724.5
L4825.0	504825.8	5409724.5	27447.50000	389.99	0	48.840475	-86.934231	56072.13	56229.8	20.17	56092.29	56098.17969	56067.98846	56053.14844	504825.8	5409724.5
L4825.0	504825.8	5409725.7	27447.59961	389.36	0	48.840486	-86.934232	56072.14	56229.8	20.17	56092.31	56097.97266	56074.17521	56059.15234	504825.8	5409725.7
L4825.0	504825.8	5409727.2	27447.69922	390.50	0	48.840500	-86.934232	56071.57	56229.8	20.17	56091.75	56097.18750	56066.95034	56051.73438	504825.8	5409727.2
L4825.0	504825.8	5409727.2	27447.80078	390.54	0	48.840500	-86.934232	56071.57	56229.8	20.17	56091.75	56096.96484	56072.54350	56057.13281	504825.8	5409727.2
L4825.0	504825.7	5409728.8	27447.90039	389.42	0	48.840514	-86.934233	56071.07	56229.8	20.18	56091.24	56096.23828	56066.33075	56050.72266	504825.7	5409728.8
L4825.0	504825.7	5409728.8	27448.00000	387.90	0	48.840514	-86.934233	56070.96	56229.8	20.18	56091.14	56095.92188	56069.47946	56053.67188	504825.7	5409728.8
L4825.0	504825.7	5409731.4	27448.09961	384.71	0	48.840537	-86.934234	56070.49	56229.8	20.18	56090.67	56095.24219	56064.03882	56048.02734	504825.7	5409731.4
L4825.0	504825.7	5409731.4	27448.19922	381.05	0	48.840537	-86.934234	56070.38	56229.8	20.19	56090.57	56094.93750	56067.03433	56050.81250	504825.7	5409731.4
L4825.0	504825.6	5409732.8	27448.30078	380.28	0	48.840549	-86.934234	56070.26	56229.8	20.19	56090.46	56094.62500	56069.71955	56053.28906	504825.6	5409732.8
L4825.0	504825.6	5409734.3	27448.40039	380.81	0	48.840563	-86.934234	56069.98	56229.8	20.20	56090.18	56094.14844	56068.41044	56051.76563	504825.6	5409734.3
L4825.0	504825.6	5409734.3	27448.50000	381.35	0	48.840563	-86.934234	56069.70	56229.8	20.21	56089.91	56093.68750	56067.24661	56050.39063	504825.6	5409734.3
L4825.0	504825.6	5409735.8	27448.59961	381.39	0	48.840577	-86.934235	56069.14	56229.8	20.21	56089.35	56092.94141	56059.32261	56042.25000	504825.6	5409735.8
L4825.0	504825.6	5409735.8	27448.69922	382.08	0	48.840577	-86.934235	56069.02	56229.8	20.22	56089.24	56092.64844	56061.66418	56044.37500	504825.6	5409735.8
L4825.0	504825.5	5409737.5	27448.80078	382.86	0	48.840592	-86.934235	56068.79	56229.8	20.22	56089.01	56092.24219	56061.15308	56043.64844	504825.5	5409737.5
L4825.0	504825.5	5409738.9	27448.90039	384.15	0	48.840604	-86.934235	56068.44	56229.8	20.23	56088.66	56091.72266	56057.78722	56040.06641	504825.5	5409738.9
L4825.0	504825.5	5409738.9	27449.00000	385.14	0	48.840604	-86.934235	56068.26	56229.8	20.23	56088.49	56091.38672	56058.46782	56040.52734	504825.5	5409738.9
L4825.0	504825.5	5409740.2	27449.09961	385.73	0	48.840616	-86.934235	56068.02	56229.8	20.23	56088.25	56090.98438	56057.44024	56039.28516	504825.5	5409740.2
L4825.0	504825.5	5409741.7	27449.19922	385.50	0	48.840630	-86.934236	56067.86	56229.8	20.23	56088.09	56090.67188	56058.15422	56039.78125	504825.5	5409741.7
L4825.0	504825.5	5409741.7	27449.30078	385.88	0	48.840630	-86.934236	56067.50	56229.8	20.23	56087.73	56090.16406	56054.16496	56035.57422	504825.5	5409741.7
L4825.0	504825.5	5409743.5	27449.40039	385.82	0	48.840646	-86.934236	56067.48	56229.8	20.23	56087.71	56090.00000	56057.89651	56039.09375	504825.5	5409743.5
L4825.0	504825.5	5409744.7	27449.50000	386.07	0	48.840657	-86.934236	56067.40	56229.8	20.23	56087.63	56089.78125	56060.14293	56041.12500	504825.5	5409744.7
L4825.0	504825.5	5409745.9	27449.59961	386.45	0	48.840668	-86.934236	56067.28	56229.8	20.23	56087.51	56089.53125	56061.36288	56042.13281	504825.5	5409745.9
L4825.0	504825.5	5409745.9	27449.69922	386.82	0	48.840668	-86.934236	56066.64	56229.8	20.23	56086.87	56088.76563	56050.50974	56031.07031	504825.5	5409745.9
L4825.0	504825.5	5409747.4	27449.80078	386.76	0	48.840681	-86.934236	56066.67	56229.8	20.23	56086.90	56088.67969	56054.96484	56035.31641	504825.5	5409747.4
L4825.0	504825.5	5409749.0	27449.90039	385.29	0	48.840696	-86.934236	56066.34	56229.8	20.23	56086.57	56088.23438	56051.02585	56031.17188	504825.5	5409749.0
L4825.0	504825.5	5409749.0	27450.00000	386.00	0	48.840696	-86.934236	56066.51	56229.8	20.23	56086.74	56088.30078	56058.48076	56038.42578	504825.5	5409749.0
L4825.0	504825.4	5409750.7	27450.09961	385.74	0	48.840711	-86.934236	56066.26	56229.8	20.23	56086.50	56087.96094	56056.38870	56036.13281	504825.4	5409750.7
L4825.0	504825.4	5409750.7	27450.19922	384.24	0	48.840711	-86.934236	56066.26	56229.8	20.24	56086.50	56087.86719	56059.70561	56039.25000	504825.4	5409750.7
L4825.0	504825.4	5409753.4	27450.30078	384.22	0	48.840735	-86.934236	56066.29	56229.8	20.24	56086.52	56087.80078	56063.36821	56042.71875	504825.4	5409753.4
L4825.0	504825.4	5409753.4	27450.40039	384.67	0	48.840735	-86.934236	56066.12	56229.8	20.24	56086.36	56087.56250	56062.77351	56041.93359	504825.4	5409753.4
L4825.0	504825.4	5409754.6	27450.50000	385.34	0	48.840746	-86.934236	56065.63	56229.8	20.25	56085.88	56087.01172	56054.69930	56033.67578	504825.4	5409754.6
L4825.0	504825.4	5409754.6	27450.59961	385.26	0	48.840746	-86.934236	56065.33	56229.8	20.25	56085.58	56086.64453	56050.65030	56029.44141	504825.4	5409754.6
L4825.0	504825.4	5409756.1	27450.69922	384.48	0	48.840759	-86.934236	56065.35	56229.7	20.25	56085.60	56086.60938	56053.84749	56032.46094	504825.4	5409756.1
L4825.0	504825.4	5409757.2	27450.80078	384.98	0	48.840769	-86.934236	56065.25	56229.7	20.25	56085.50	56086.45703	56054.16574	56032.60156	504825.4	5409757.2
L4825.0	504825.4	5409758.9	27450.90039	385.83	0	48.840785	-86.934236	56065.13	56229.7	20.26	56085.38	56086.29297	56053.90584	56032.17188	504825.4	5409758.9
L4825.0	504825.4	5409758.9	27451.00000	385.67	0	48.840785	-86.934236	56065.03	56229.7	20.26	56085.29	56086.16406	56054.21811	56032.32031	504825.4	5409758.9
L4825.0	504825.4	5409760.2	27451.09961	387.64	0	48.840796	-86.934236	56065.15	56229.7	20.26	56085.41	56086.25391	56059.24440	56037.18750	504825.4	5409760.2
L4825.0	504825.4	5409761.2	27451.19922	386.15	0	48.840806	-86.934236	56065.00	56229.7	20.27	56085.26	56086.08203	56057.93961	56035.72266	504825.4	5409761.2
L4825.0	504825.4	5409762.5	27451.30078	386.82	0	48.840817	-86.934237	56064.95	56229.7	20.27	56085.22	56086.02734	56059.04795	56036.67969	504825.4	5409762.5

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4825.0	504825.4	5409762.5	27451.40039	385.79	0	48.840817	-86.934237	56064.55	56229.7	20.28	56084.82	56085.61719	56051.75467	56029.24219	504825.4	5409762.5
L4825.0	504825.4	5409764.1	27451.50000	385.90	0	48.840831	-86.934237	56064.44	56229.7	20.28	56084.72	56085.51563	56051.24719	56028.59375	504825.4	5409764.1
L4825.0	504825.4	5409765.4	27451.59961	385.84	0	48.840843	-86.934237	56064.39	56229.7	20.28	56084.68	56085.48438	56052.00346	56029.21484	504825.4	5409765.4
L4825.0	504825.4	5409766.6	27451.69922	386.08	0	48.840854	-86.934237	56064.56	56229.7	20.29	56084.85	56085.66797	56057.47571	56034.55859	504825.4	5409766.6
L4825.0	504825.4	5409766.6	27451.80078	385.38	0	48.840854	-86.934237	56064.47	56229.7	20.29	56084.76	56085.59766	56056.84964	56033.80859	504825.4	5409766.6
L4825.0	504825.3	5409768.2	27451.90039	385.16	0	48.840868	-86.934237	56064.26	56229.7	20.30	56084.55	56085.41797	56053.34763	56030.18750	504825.3	5409768.2
L4825.0	504825.3	5409769.5	27452.00000	383.97	0	48.840880	-86.934238	56064.14	56229.7	20.30	56084.44	56085.34375	56052.03302	56028.76172	504825.3	5409769.5
L4825.0	504825.3	5409771.1	27452.09961	384.20	0	48.840894	-86.934238	56064.01	56229.7	20.30	56084.31	56085.25391	56050.14565	56026.76953	504825.3	5409771.1
L4825.0	504825.3	5409771.1	27452.19922	385.00	0	48.840894	-86.934238	56064.12	56229.7	20.30	56084.42	56085.41406	56053.66955	56030.19141	504825.3	5409771.1
L4825.0	504825.3	5409772.3	27452.30078	384.13	0	48.840906	-86.934238	56064.04	56229.7	20.31	56084.34	56085.39453	56052.71147	56029.14063	504825.3	5409772.3
L4825.0	504825.3	5409773.9	27452.40039	383.55	0	48.840920	-86.934238	56064.04	56229.7	20.31	56084.35	56085.46875	56053.71594	56030.05859	504825.3	5409773.9
L4825.0	504825.3	5409773.9	27452.50000	383.35	0	48.840920	-86.934238	56064.09	56229.7	20.31	56084.40	56085.58984	56055.53403	56031.79688	504825.3	5409773.9
L4825.0	504825.3	5409775.5	27452.59961	384.77	0	48.840934	-86.934238	56063.91	56229.7	20.31	56084.22	56085.49219	56051.95464	56028.14063	504825.3	5409775.5
L4825.0	504825.3	5409776.8	27452.69922	384.15	0	48.840946	-86.934239	56063.79	56229.7	20.31	56084.10	56085.45703	56049.65275	56025.76953	504825.3	5409776.8
L4825.0	504825.3	5409776.8	27452.80078	382.72	0	48.840946	-86.934239	56063.79	56229.7	20.32	56084.10	56085.55078	56050.01104	56026.06641	504825.3	5409776.8
L4825.0	504825.2	5409778.1	27452.90039	382.84	0	48.840958	-86.934239	56064.01	56229.7	20.32	56084.33	56085.88281	56055.56285	56031.56641	504825.2	5409778.1
L4825.0	504825.2	5409779.2	27453.00000	382.76	0	48.840967	-86.934239	56063.79	56229.7	20.32	56084.11	56085.76953	56050.66319	56026.61719	504825.2	5409779.2
L4825.0	504825.2	5409781.3	27453.09961	382.45	0	48.840986	-86.934239	56063.68	56229.7	20.32	56084.01	56085.78516	56048.43060	56024.34766	504825.2	5409781.3
L4825.0	504825.2	5409782.4	27453.19922	385.62	0	48.840996	-86.934239	56063.83	56229.7	20.32	56084.16	56086.05859	56051.85904	56027.73828	504825.2	5409782.4
L4825.0	504825.2	5409783.5	27453.30078	385.08	0	48.841006	-86.934239	56064.02	56229.7	20.33	56084.34	56086.36719	56055.88886	56031.74219	504825.2	5409783.5
L4825.0	504825.2	5409783.5	27453.40039	385.86	0	48.841006	-86.934239	56063.96	56229.7	20.33	56084.29	56086.45703	56054.54010	56030.37500	504825.2	5409783.5
L4825.0	504825.2	5409785.1	27453.50000	385.23	0	48.841020	-86.934239	56063.66	56229.7	20.33	56083.99	56086.30078	56047.35554	56023.17969	504825.2	5409785.1
L4825.0	504825.2	5409786.8	27453.59961	381.64	0	48.841036	-86.934239	56063.81	56229.7	20.33	56084.14	56086.59766	56050.44577	56026.26172	504825.2	5409786.8
L4825.0	504825.2	5409786.8	27453.69922	383.77	0	48.841036	-86.934239	56063.76	56229.7	20.33	56084.09	56086.70703	56048.85708	56024.67578	504825.2	5409786.8
L4825.0	504825.2	5409788.1	27453.80078	384.98	0	48.841047	-86.934239	56063.86	56229.7	20.34	56084.19	56086.96875	56050.64660	56026.47266	504825.2	5409788.1
L4825.0	504825.2	5409789.7	27453.90039	383.92	0	48.841062	-86.934240	56063.66	56229.7	20.34	56084.00	56086.94922	56045.69314	56021.53906	504825.2	5409789.7
L4825.0	504825.2	5409789.7	27454.00000	384.15	0	48.841062	-86.934240	56063.76	56229.7	20.34	56084.10	56087.22656	56047.34655	56023.21484	504825.2	5409789.7
L4825.0	504825.2	5409791.1	27454.09961	384.44	0	48.841075	-86.934240	56063.66	56229.7	20.34	56084.00	56087.30859	56044.33539	56020.23828	504825.2	5409791.1
L4825.0	504825.2	5409792.6	27454.19922	384.50	0	48.841087	-86.934240	56063.89	56229.7	20.34	56084.23	56087.73047	56048.85922	56024.79688	504825.2	5409792.6
L4825.0	504825.2	5409792.6	27454.30078	385.42	0	48.841087	-86.934240	56064.02	56229.7	20.35	56084.36	56088.05469	56051.02750	56027.01172	504825.2	5409792.6
L4825.0	504825.1	5409794.4	27454.40039	386.42	0	48.841104	-86.934240	56064.16	56229.7	20.35	56084.51	56088.40625	56053.60570	56029.64453	504825.1	5409794.4
L4825.0	504825.1	5409795.8	27454.50000	388.22	0	48.841117	-86.934240	56064.32	56229.7	20.35	56084.67	56088.77734	56056.36802	56032.46875	504825.1	5409795.8
L4825.0	504825.1	5409797.6	27454.59961	388.75	0	48.841133	-86.934240	56064.29	56229.6	20.35	56084.64	56088.96094	56054.71673	56030.88672	504825.1	5409797.6
L4825.0	504825.1	5409797.6	27454.69922	389.36	0	48.841133	-86.934240	56064.32	56229.6	20.35	56084.67	56089.21094	56054.40909	56030.65625	504825.1	5409797.6
L4825.0	504825.1	5409799.5	27454.80078	388.73	0	48.841150	-86.934240	56064.46	56229.6	20.36	56084.82	56089.58594	56056.83041	56033.16016	504825.1	5409799.5
L4825.0	504825.2	5409800.7	27454.90039	389.30	0	48.841161	-86.934240	56064.49	56229.6	20.36	56084.85	56089.84766	56056.46291	56032.88672	504825.2	5409800.7
L4825.0	504825.2	5409800.7	27455.00000	390.51	0	48.841161	-86.934240	56064.54	56229.6	20.36	56084.90	56090.13281	56056.53303	56033.05859	504825.2	5409800.7
L4825.0	504825.1	5409802.0	27455.09961	388.73	0	48.841173	-86.934240	56064.62	56229.6	20.36	56084.98	56090.45703	56057.27588	56033.90625	504825.1	5409802.0
L4825.0	504825.2	5409803.9	27455.19922	388.24	0	48.841189	-86.934239	56064.72	56229.6	20.36	56085.08	56090.80469	56058.46652	56035.21094	504825.2	5409803.9
L4825.0	504825.2	5409803.9	27455.30078	387.86	0	48.841189	-86.934239	56064.79	56229.6	20.36	56085.16	56091.13672	56059.18975	56036.05859	504825.2	5409803.9
L4825.0	504825.2	5409805.4	27455.40039	387.52	0	48.841203	-86.934239	56065.13	56229.6	20.36	56085.49	56091.72266	56065.66383	56042.66406	504825.2	5409805.4
L4825.0	504825.2	5409806.9	27455.50000	387.70	0	48.841216	-86.934239	56065.15	56229.6	20.36	56085.51	56092.00781	56065.00821	56042.14453	504825.2	5409806.9
L4825.0	504825.2	5409806.9	27455.59961	388.54	0	48.841216	-86.934239	56065.46	56229.6	20.37	56085.82	56092.58203	56071.03486	56048.31641	504825.2	5409806.9
L4825.0	504825.2	5409808.5	27455.69922	384.07	0	48.841231	-86.934238	56065.50	56229.6	20.37	56085.87	56092.90625	56071.09355	56048.52734	504825.2	5409808.5
L4825.0	504825.3	5409810.1	27455.80078	381.50	0	48.841245	-86.934238	56065.58	56229.6	20.37	56085.95	56093.26172	56071.86309	56049.45703	504825.3	5409810.1
L4825.0	504825.3	5409810.1	27455.90039	381.51	0	48.841245	-86.934238	56065.56	56229.6	20.37	56085.92	56093.51172	56070.12781	56047.89063	504825.3	5409810.1
L4825.0	504825.3	5409811.7	27456.00000	382.00	0	48.841259	-86.934237	56065.45	56229.6	20.37	56085.82	56093.69531	56066.81403	56044.75391	504825.3	5409811.7
L4825.0	504825.3	5409813.3	27456.09961	380.32	0	48.841274	-86.934237	56065.50	56229.6	20.37	56085.88	56094.04688	56067.22017	56045.34375	504825.3	5409813.3
L4825.0	504825.3	5409813.3	27456.19922	381.04	0	48.841274	-86.934237	56065.56	56229.6	20.38	56085.93	56094.38672	56067.44043	56045.75000	504825.3	5409813.3
L4825.0	504825.4	5409815.0	27456.30078	379.73	0	48.841290	-86.934236	56065.84	56229.6	20.38	56086.22	56094.97266	56073.23359	56051.74219	504825.4	5409815.0
L4825.0	504825.4	5409816.4	27456.40039	377.62	0	48.841302	-86.934236	56065.76	56229.6	20.39	56086.14	56095.19531	56070.56928	56049.28125	504825.4	5409816.4
L4825.0	504825.4	5409816.4	27456.50000	376.56	0	48.841302	-86.934236	56065.63	56229.6	20.39	56086.02	56095.37891	56067.04721	56045.97266	504825.4	5409816.4
L4825.0	504825.5	5409818.1	27456.59961	377.77	0	48.841318	-86.934235	56065.71	56229.6	20.39	56086.10	56095.76563	56068.19621	56047.33984	504825.5	5409818.1
L4825.0	504825.5	5409819.4	27456.69922	379.35	0	48.841329	-86.934234	56065.98	56229.6	20.40	56086.38	56096.35156	56074.02256	56053.39063	504825.5	5409819.4
L4825.0	504825.6	5409821.3	27456.80078	379.53	0	48.841346	-86.934233	56065.96	56229.6	20.40	56086.36	56096.64453	56073.02722	56052.62891	504825.6	5409821.3
L4825.0	504825.6	5409821.3	27456.90039	379.36	0	48.841346	-86.934233	56066.14	56229.6	20.41	56086.55	56097.15234	56076.95200	56056.79297	504825.6	5409821.3
L4825.0	504825.6	5409822.9	27457.00000	381.47	0	48.841360	-86.934233	56065.71	56229.6	20.41	56086.12	56097.03906	56066.70439	56046.79297	504825.6	5409822.9
L4825.0	504825.7	5409824.5	27457.09961	384.13	0	48.841375	-86.934232	56065.58	56229.6	20.41	56085.99	56097.22656	56063.46060	56043.80469	504825.7	5409824.5
L4825.0	504825.7	5409824.5	27457.19922	384.19	0	48.841375	-86.934232	56065.91	56229.6	20.42	56086.32	56097.87891	56070.90874	56051.51172	504825.7	5409824.5
L4825.0	504825.7	5409825.9	27457.30078	385.23	0	48.841387	-86.934231	56065.93	56229.6	20.42	56086.35	56098.23438	56071.56706	56052.43359	504825.7	5409825.9
L4825.0	504825.8	5409827.2	27457.40039	385.97	0	48.841399	-86.934231	56066.12	56229.6	20.42	56086.54	56098.75000	56076.02687	56057.16797	504825.8	5409827.2
L4825.0	504825.8	5409828.4	27457.50000	386.73	0	48.841410	-86.934230	56066.23	56229.6	20.43	56086.66	56099.19922	56079.00209	56060.42578	504825.8	5409828.4
L4825.0	504825.8	5409828.4	27457.59961	386.48	0	48.841410	-86.934230	56066.01	56229.6	20.43	56086.44	56099.30859	56074.28618	56055.99609	504825.8	5409828.4
L4825.0	504825.9	5409830.4	27457.69922	386.23	0	48.841427	-86.934230	56066.32	56229.6	20.43	56086.75	56099.94531	56081.90478	56063.90625	504825.9	5409830.4
L4825.0	504825.9	5409830.4	27457.80078	386.84	0	48.841427	-86.934230	56065.91	56229.6	20.43	56086.34	56099.86719	56073.10083	56055.39844	504825.9	5409830.4
L4825.0	504825.9	5409831.8	27457.90039	387.66	0	48.841441	-86.934229	56066.34	56229.6	20.44	56086.78	56100.64063	56084.00738	56066.61328	504825.9	5409831.8
L4825.0	504825.9	5409833.2	27458.00000	385.88	0	48.841453	-86.934229	56065.88	56229.6	20.44	56086.32	56100.51563	56074.36195	56057.27734	504825.9	5409833.2
L4825.0	504825.9	5409833.2	27458.09961	384.62	0	48.841453	-86.934229	56066.19	56229.6	20.44	56086.63	56101.16016	56082.59857	56065.83203	504825.9	5409833.2
L4825.0	504826.0	5409834.9	27458.19922	382.84	0	48.841468	-86.934228	56066.26	56229.6	20.45	56086.70	56101.56250	56085.48257	56069.03906	504826.0	5409834.9
L4825.0	504826.1	5409837.0	27458.30078	381.50	0	48.841487	-86.934227	56066.16	56229.6	20.45	56086.61	56101.80859	56084.86087	56068.74609	504826.1	5409837.0
L4825.0	504826.1	5409837.0	27458.40039	381.26	0	48.841487	-86.934227	56066.12	56229.5	20.45	56086.57	56102.10156	56085.57171	56069.79297	504826.1	5409837.0
L4825.0	504826.1	5409838.8	27458.50000	382.14	0	48.841504	-86.934226	56066.49	56229.5	20.46	56086.95	56102.81641	56096.13499	56080.69922	504826.1	5409838.8
L4825.0	504826.1	5409840.2	27458.59961	382.73	0	48.841516	-86.934226	56066.39	56229.5	20.46	56086.85	56103.05078	56095.84694	56080.75781	504826.1	5409840.2
L4825.0	504826.2	5409841.4	27458.69922	384.77	0	48.841527	-86.934225	56065.93	56229.5	20.46	56086.40	56102.93359	56087.70472	56072.96875	504826.2	5409841.4
L4825.0	504826.2	5409841.4	27458.80078	386.80	0	48.841527	-86.934225	56066.08	56229.5	20.46	56086.54	56103.41016	56093.34408	56078.96484	504826.2	5409841.4
L4825.0	504826.2	5409843.4	27458.90039	387.67	0	48.841545	-86.934225	56065.78	56229.5	20.47	56086.25	56103.44922	56089.29971	56075.28516	504826.2	5409843.4
L4825.0	504826.2	5409843.4	27459.00000	386.55	0	48.841545	-86.934225	56065.84	56229.5	20.47	56086.31	56103.84375	56093.52547	56079.88281	504826.2	5409843.4
L4825.0	504826.2	5409844.7	27459.09961	387.58	0	48.841557	-86.934224	56065.35	56229.5	20.47	56085.82	56103.68359	56085.31715	56072.05078	504826.2	5409844.7
L4825.0	504826.3	5409846.6	27459.19922	386.07	0	48.841573	-86.934224	56065.63	56229.5	20.47	56086.11	56104.30469	56095.28429	56082.39844	504826.3	5409846.6
L4825.0	504826.3	5409848.0	27459.30078	386.43	0	48.841586	-86.934223	56065.41	56229.5	20.48	56085.88	56104.40234	56093.51819	56081.01953	504826.3	5409848.0
L4825.0	504826.3	5409849.4	27459.40039	385.74	0	48.841599	-86.934223	56064.92	56229.5	20.48	56085.40	56104.25000	56086.23684	56074.12891	504826.3	5409849.4
L4825.0	504826.3	5409849.4	27459.50000	382.64	0	48.841599	-86.934223	56064.77	56229.5	20.48	56085.25	56104.42188	56086.79143	56075.08203	504826.3	5409849.4
L4825.0	504826.4	5409851.4	27459.59961	383.53	0	48.841617	-86.934222	56064.57	56229.5	20.48	56085.05	56104.54688	56086.44279	56075.13672	504826.4	5409851.4
L4825.0	504826.4	5409851.4	27459.69922	385.35	0	48.841617	-86.934222	56064.54	56229.5	20.48	56085.02	56104.83984	56090.25804	56079.36328	504826.4	5409851.4
L4825.0	504826.4	5409853.1	27459.80078	383.43	0	48.841632	-86.934221	56064.34	56229.5	20.49	56084.83	56104.96875	56090.64828	56080.16797	504826.4	5409853.1
L4825.0	504826.5	5409854.6	27459.90039	383.23	0	48.841646	-86.934221	56064.16	56229.5	20.49	56084.65	56105.10547	56091.52987	56081.46875	504826.5	5409854.6
L4825.0	504826.5	5409854.6	27460.00000	384.33	0	48.841646	-86.934221	56064.02	56229.5	20.49	56084.51	56105.28125	56093.59754	56083.96484	504826.5	5409854.6
L4825.0	504826.5	5409856.4	27460.09961	383.66	0	48.841662	-86.934220	56063.78	56229.5	20.49	56084.27	56105.35156	56093.63408	56084.42969	504826.5	5409856.4
L4825.0	504826.5	5409857.7	27460.19922	381.26	0	48.841674	-86.934220	56063.38	56229.5	20.49	56083.87	56105.26172	56090.26299	56081.49609	504826.5	5409857.7
L4825.0	504826.5	5409859.4	27460.30078	380.79	0	48.841689	-86.934220	56062.95	56229.5	20.49	56083.44	56105.14063	56086.47973	56078.15625	504826.5	5409859.4
L4825.0	504826.5	5409859.4	27460.40039	380.14	0	48.841689	-86.934220	56062.70	56229.5	20.49	56083.19	56105.19141	56087.12044	56079.24609	504826.5	5409859.4
L4825.0	504826.5	5409861.1	27460.50000	380.55	0	48.841704	-86.934220	56062.37	56229.5	20.49	56082.86	56105.16406	56086.20614	56078.78516	504826.5	5409861.1
L4825.0	504826.5	5409862.5	27460.59961	380.97	0	48.841717	-86.934220	56062.07	56229.5	20.50	56082.56	56105.16406	56086.27166	56079.31250	504826.5	5409862.5

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4825.0	504826.5	5409864.3	27460.69922	380.03	0	48.841733	-86.934220	56061.76	56229.5	20.50	56082.26	56105.15625	56086.63022	56080.13281	504826.5	5409864.3
L4825.0	504826.5	5409864.3	27460.80078	379.71	0	48.841733	-86.934220	56061.38	56229.5	20.50	56081.88	56105.07031	56085.44439	56079.41797	504826.5	5409864.3
L4825.0	504826.5	5409865.6	27460.90039	381.93	0	48.841745	-86.934220	56060.90	56229.5	20.50	56081.40	56104.87891	56082.25722	56076.71094	504826.5	5409865.6
L4825.0	504826.5	5409867.7	27461.00000	382.90	0	48.841764	-86.934220	56060.70	56229.5	20.50	56081.20	56104.96484	56085.81597	56080.75391	504826.5	5409867.7
L4825.0	504826.5	5409867.7	27461.09961	383.09	0	48.841764	-86.934220	56060.14	56229.5	20.51	56080.65	56104.69531	56081.62691	56077.05078	504826.5	5409867.7
L4825.0	504826.5	5409869.3	27461.19922	382.90	0	48.841778	-86.934220	56060.09	56229.5	20.51	56080.60	56104.92188	56089.25206	56085.17188	504826.5	5409869.3
L4825.0	504826.5	5409870.6	27461.30078	383.89	0	48.841789	-86.934220	56059.48	56229.5	20.52	56080.00	56104.59766	56084.53299	56080.95313	504826.5	5409870.6
L4825.0	504826.5	5409870.6	27461.40039	386.18	0	48.841789	-86.934220	56058.98	56229.5	20.53	56079.50	56104.36719	56082.42930	56079.35547	504826.5	5409870.6
L4825.0	504826.5	5409872.0	27461.50000	386.30	0	48.841802	-86.934220	56058.66	56229.5	20.54	56079.19	56104.32422	56085.01452	56082.45703	504826.5	5409872.0
L4825.0	504826.5	5409873.5	27461.59961	386.74	0	48.841815	-86.934220	56057.69	56229.5	20.54	56078.23	56103.62500	56072.96209	56070.92188	504826.5	5409873.5
L4825.0	504826.5	5409875.5	27461.69922	385.68	0	48.841833	-86.934220	56057.76	56229.5	20.55	56078.31	56103.96484	56085.16238	56083.64844	504826.5	5409875.5
L4825.0	504826.5	5409875.5	27461.80078	384.72	0	48.841833	-86.934220	56057.16	56229.4	20.56	56077.72	56103.62891	56082.26930	56081.28516	504826.5	5409875.5
L4825.0	504826.5	5409877.3	27461.90039	383.37	0	48.841850	-86.934220	56056.29	56229.4	20.56	56076.86	56103.01953	56073.48918	56073.04297	504826.5	5409877.3
L4825.0	504826.5	5409877.3	27462.00000	383.65	0	48.841850	-86.934220	56056.09	56229.4	20.57	56076.66	56103.06250	56080.22394	56080.32422	504826.5	5409877.3
L4825.0	504826.5	5409879.1	27462.09961	384.48	0	48.841866	-86.934220	56055.82	56229.4	20.57	56076.39	56103.03516	56085.67758	56086.32813	504826.5	5409879.1
L4825.0	504826.5	5409881.1	27462.19922	386.55	0	48.841884	-86.934221	56054.88	56229.4	20.57	56075.45	56102.33203	56076.04541	56077.25391	504826.5	5409881.1
L4825.0	504826.5	5409881.1	27462.30078	386.17	0	48.841884	-86.934221	56054.53	56229.4	20.57	56075.09	56102.20703	56080.09240	56081.86328	504826.5	5409881.1
L4825.0	504826.5	5409882.8	27462.40039	385.15	0	48.841900	-86.934221	56053.46	56229.4	20.57	56074.03	56101.37500	56068.36631	56070.71094	504826.5	5409882.8
L4825.0	504826.4	5409884.1	27462.50000	384.05	0	48.841910	-86.934221	56052.90	56229.4	20.56	56073.47	56101.03906	56068.48136	56071.40234	504826.4	5409884.1
L4825.0	504826.4	5409885.5	27462.59961	386.03	0	48.841924	-86.934222	56052.02	56229.4	20.56	56072.59	56100.37891	56061.57001	56065.07813	504826.4	5409885.5
L4825.0	504826.4	5409885.5	27462.69922	385.69	0	48.841924	-86.934222	56051.21	56229.4	20.56	56071.78	56099.78516	56056.60756	56060.70703	504826.4	5409885.5
L4825.0	504826.4	5409887.4	27462.80078	385.09	0	48.841941	-86.934222	56051.16	56229.4	20.56	56071.72	56099.93750	56069.24227	56073.93750	504826.4	5409887.4
L4825.0	504826.3	5409888.5	27462.90039	383.81	0	48.841950	-86.934223	56050.64	56229.4	20.56	56071.20	56099.62109	56071.63210	56076.93359	504826.3	5409888.5
L4825.0	504826.3	5409890.0	27463.00000	385.55	0	48.841964	-86.934223	56050.38	56229.4	20.56	56070.94	56099.56641	56080.34548	56086.26172	504826.3	5409890.0
L4825.0	504826.3	5409890.0	27463.09961	383.92	0	48.841964	-86.934223	56049.34	56229.4	20.56	56069.90	56098.72266	56071.45195	56077.98828	504826.3	5409890.0
L4825.0	504826.2	5409891.2	27463.19922	382.76	0	48.841974	-86.934224	56048.76	56229.4	20.56	56069.32	56098.33594	56073.48525	56080.64844	504826.2	5409891.2
L4825.0	504826.2	5409892.6	27463.30078	382.42	0	48.841988	-86.934224	56047.72	56229.4	20.56	56068.28	56097.48438	56065.27594	56073.07031	504826.2	5409892.6
L4825.0	504826.1	5409894.6	27463.40039	381.90	0	48.842005	-86.934225	56047.32	56229.4	20.56	56067.88	56097.26953	56072.13602	56080.57422	504826.1	5409894.6
L4825.0	504826.1	5409894.6	27463.50000	381.73	0	48.842005	-86.934225	56046.00	56229.4	20.57	56066.57	56096.14063	56058.39903	56067.48828	504826.1	5409894.6
L4825.0	504826.1	5409896.1	27463.59961	380.70	0	48.842019	-86.934226	56045.90	56229.4	20.57	56066.46	56096.20703	56072.61750	56082.36328	504826.1	5409896.1
L4825.0	504826.0	5409897.5	27463.69922	379.35	0	48.842031	-86.934227	56044.84	56229.4	20.57	56065.41	56095.32813	56065.54838	56075.95703	504826.0	5409897.5
L4825.0	504825.9	5409899.0	27463.80078	379.18	0	48.842045	-86.934228	56043.98	56229.4	20.57	56064.54	56094.62500	56062.96334	56074.04297	504825.9	5409899.0
L4825.0	504825.9	5409899.0	27463.90039	380.98	0	48.842045	-86.934228	56043.24	56229.4	20.57	56063.81	56094.05469	56063.94149	56075.70313	504825.9	5409899.0
L4825.0	504825.8	5409900.8	27464.00000	382.01	0	48.842061	-86.934229	56042.43	56229.4	20.57	56063.00	56093.40234	56063.41985	56075.87109	504825.8	5409900.8
L4825.0	504825.8	5409900.8	27464.09961	380.40	0	48.842061	-86.934229	56041.68	56229.4	20.57	56062.25	56092.80859	56064.61914	56077.76563	504825.8	5409900.8
L4825.0	504825.7	5409904.1	27464.19922	380.74	0	48.842091	-86.934231	56040.46	56229.4	20.57	56061.04	56091.75000	56055.57287	56069.42188	504825.7	5409904.1
L4825.0	504825.7	5409904.1	27464.30078	381.06	0	48.842091	-86.934231	56039.88	56229.4	20.58	56060.46	56091.31250	56061.36158	56075.92188	504825.7	5409904.1
L4825.0	504825.7	5409905.7	27464.40039	381.37	0	48.842105	-86.934232	56038.41	56229.4	20.58	56058.99	56089.98438	56047.00772	56062.28516	504825.7	5409905.7
L4825.0	504825.7	5409905.7	27464.50000	381.86	0	48.842105	-86.934232	56037.86	56229.4	20.58	56058.44	56089.57422	56054.15919	56070.16406	504825.7	5409905.7
L4825.0	504825.6	5409907.5	27464.59961	381.84	0	48.842121	-86.934232	56036.59	56229.4	20.58	56057.17	56088.43750	56045.07679	56061.81641	504825.6	5409907.5
L4825.0	504825.5	5409909.0	27464.69922	381.22	0	48.842135	-86.934233	56035.93	56229.4	20.58	56056.52	56087.91797	56050.59299	56068.07422	504825.5	5409909.0
L4825.0	504825.5	5409910.8	27464.80078	380.00	0	48.842151	-86.934234	56035.02	56229.4	20.59	56055.61	56087.13281	56050.45634	56068.69141	504825.5	5409910.8
L4825.0	504825.5	5409910.8	27464.90039	381.07	0	48.842151	-86.934234	56033.50	56229.4	20.59	56054.09	56085.73828	56036.61081	56055.60547	504825.5	5409910.8
L4825.0	504825.4	5409912.2	27465.00000	380.64	0	48.842164	-86.934235	56033.06	56229.4	20.59	56053.64	56085.40625	56047.71192	56067.47266	504825.4	5409912.2
L4825.0	504825.4	5409913.7	27465.09961	380.97	0	48.842177	-86.934235	56031.43	56229.4	20.59	56052.03	56083.91016	56032.44309	56052.97656	504825.4	5409913.7
L4825.0	504825.4	5409913.7	27465.19922	382.06	0	48.842177	-86.934235	56030.85	56229.4	20.59	56051.44	56083.43359	56040.96472	56062.28125	504825.4	5409913.7
L4825.0	504825.3	5409915.4	27465.30078	383.89	0	48.842193	-86.934236	56029.59	56229.4	20.60	56050.18	56082.28125	56034.38556	56056.49219	504825.3	5409915.4
L4825.0	504825.3	5409917.3	27465.40039	383.20	0	48.842209	-86.934236	56028.45	56229.4	20.60	56049.04	56081.24609	56030.88064	56053.78906	504825.3	5409917.3
L4825.0	504825.3	5409918.6	27465.50000	382.65	0	48.842221	-86.934237	56027.38	56229.4	20.60	56047.98	56080.28906	56029.52586	56053.24219	504825.3	5409918.6
L4825.0	504825.3	5409918.6	27465.59961	381.99	0	48.842221	-86.934237	56026.38	56229.4	20.60	56046.98	56079.38672	56029.85708	56054.38672	504825.3	5409918.6
L4825.0	504825.2	5409920.4	27465.69922	382.91	0	48.842237	-86.934237	56025.16	56229.4	20.60	56045.76	56078.26172	56025.42711	56050.77734	504825.2	5409920.4
L4825.0	504825.2	5409922.1	27465.80078	384.17	0	48.842253	-86.934238	56024.33	56229.4	20.61	56044.93	56077.52734	56030.26799	56056.44922	504825.2	5409922.1
L4825.0	504825.2	5409922.1	27465.90039	384.29	0	48.842253	-86.934238	56023.23	56229.4	20.61	56043.84	56076.52344	56029.41801	56056.43750	504825.2	5409922.1
L4825.0	504825.1	5409924.4	27466.00000	384.31	0	48.842274	-86.934239	56021.54	56229.4	20.61	56042.15	56074.92188	56015.04849	56042.91406	504825.1	5409924.4
L4825.0	504825.1	5409925.6	27466.09961	384.97	0	48.842284	-86.934239	56020.45	56229.4	20.61	56041.07	56073.92578	56014.99703	56043.71484	504825.1	5409925.6
L4825.0	504825.1	5409925.6	27466.19922	385.22	0	48.842284	-86.934239	56019.57	56229.4	20.61	56040.18	56073.11719	56019.59347	56049.17188	504825.1	5409925.6
L4825.0	504825.1	5409927.0	27466.30078	386.09	0	48.842297	-86.934239	56018.23	56229.4	20.62	56038.84	56071.85938	56014.10501	56044.55469	504825.1	5409927.0
L4825.0	504825.0	5409928.5	27466.40039	386.56	0	48.842310	-86.934240	56016.91	56229.4	20.62	56037.53	56070.62500	56009.57050	56040.89453	504825.0	5409928.5
L4825.0	504825.0	5409928.5	27466.50000	385.95	0	48.842310	-86.934240	56015.52	56229.4	20.62	56036.14	56069.30859	56003.45217	56035.66016	504825.0	5409928.5
L4825.0	504825.0	5409931.9	27466.59961	384.73	0	48.842341	-86.934241	56014.66	56229.4	20.62	56035.29	56068.53125	56010.00971	56043.10938	504825.0	5409931.9
L4825.0	504825.0	5409931.9	27466.69922	381.49	0	48.842341	-86.934241	56013.12	56229.4	20.62	56033.74	56067.05078	56000.70260	56034.69922	504825.0	5409931.9
L4825.0	504824.9	5409933.8	27466.80078	380.71	0	48.842358	-86.934241	56011.81	56229.4	20.63	56032.43	56065.80859	55997.15328	56032.05469	504824.9	5409933.8
L4825.0	504824.9	5409933.8	27466.90039	379.67	0	48.842358	-86.934241	56010.71	56229.4	20.63	56031.34	56064.78516	55998.89360	56034.70703	504824.9	5409933.8
L4825.0	504824.9	5409935.3	27467.00000	380.84	0	48.842371	-86.934241	56009.50	56229.4	20.63	56030.13	56063.64063	55998.09162	56034.82422	504824.9	5409935.3
L4825.0	504824.9	5409936.8	27467.09961	382.18	0	48.842385	-86.934242	56008.18	56229.4	20.63	56028.82	56062.39453	55995.19891	56032.85547	504824.9	5409936.8
L4825.0	504824.9	5409936.8	27467.19922	381.75	0	48.842385	-86.934242	56006.97	56229.4	20.63	56027.61	56061.24609	55994.80862	56033.39453	504824.9	5409936.8
L4825.0	504824.8	5409938.7	27467.30078	380.67	0	48.842402	-86.934242	56005.58	56229.4	20.64	56026.21	56059.90234	55990.23829	56029.76172	504824.8	5409938.7
L4825.0	504824.8	5409940.0	27467.40039	380.21	0	48.842413	-86.934242	56004.14	56229.4	20.64	56024.78	56058.53125	55985.15993	56025.62500	504824.8	5409940.0
L4825.0	504824.8	5409941.6	27467.50000	381.89	0	48.842428	-86.934243	56002.68	56229.4	20.64	56023.32	56057.12891	55979.56348	56020.97656	504824.8	5409941.6
L4825.0	504824.8	5409941.6	27467.59961	383.35	0	48.842428	-86.934243	56001.40	56229.4	20.64	56022.04	56055.90234	55978.27076	56020.64063	504824.8	5409941.6
L4825.0	504824.8	5409943.3	27467.69922	382.01	0	48.842443	-86.934242	56000.09	56229.4	20.64	56020.74	56054.65625	55976.66886	56019.99609	504824.8	5409943.3
L4825.0	504824.8	5409945.2	27467.80078	383.99	0	48.842460	-86.934242	55998.95	56229.4	20.65	56019.60	56053.57031	55978.88858	56023.17969	504824.8	5409945.2
L4825.0	504824.8	5409945.2	27467.90039	385.36	0	48.842460	-86.934242	55997.54	56229.4	20.65	56018.19	56052.21094	55975.02383	56020.28516	504824.8	5409945.2
L4825.0	504824.8	5409946.5	27468.00000	384.38	0	48.842473	-86.934242	55996.02	56229.3	20.65	56016.67	56050.74219	55968.74449	56014.97656	504824.8	5409946.5
L4825.0	504824.8	5409948.0	27468.09961	384.76	0	48.842485	-86.934242	55994.57	56229.3	20.65	56015.23	56049.35156	55964.41042	56011.62109	504824.8	5409948.0
L4825.0	504824.8	5409948.0	27468.19922	386.03	0	48.842485	-86.934242	55993.41	56229.3	20.65	56014.07	56048.24219	55966.61124	56014.80078	504824.8	5409948.0
L4825.0	504824.9	5409949.7	27468.30078	386.76	0	48.842501	-86.934242	55991.99	56229.3	20.66	56012.65	56046.86719	55962.90832	56012.08203	504824.9	5409949.7
L4825.0	504824.9	5409951.4	27468.40039	379.26	0	48.842516	-86.934242	55990.13	56229.3	20.66	56010.79	56045.05469	55949.14655	55999.30859	504824.9	5409951.4
L4825.0	504824.9	5409952.6	27468.50000	379.02	0	48.842527	-86.934242	55988.81	56229.3	20.66	56009.47	56043.78125	55947.86291	55999.01953	504824.9	5409952.6
L4825.0	504824.9	5409953.8	27468.59961	386.20	0	48.842538	-86.934241	55987.37	56229.3	20.66	56008.03	56042.38672	55943.85650	55996.00391	504824.9	5409953.8
L4825.0	504824.9	5409953.8	27468.69922	386.34	0	48.842538	-86.934241	55985.95	56229.3	20.66	56006.62	56041.02344	55940.56481	55993.70703	504824.9	5409953.8
L4825.0	504824.9	5409955.6	27468.80078	386.97	0	48.842554	-86.934241	55984.28	56229.3	20.67	56004.95	56039.39453	55931.30030	55985.44141	504824.9	5409955.6
L4825.0	504824.9	5409957.3	27468.90039	386.63	0	48.842569	-86.934241	55982.87	56229.3	20.67	56003.53	56038.01953	55927.78371	55982.92188	504824.9	5409957.3
L4825.0	504824.9	5409957.3	27469.00000	388.51	0	48.842569	-86.934241	55981.42	56229.3	20.67	56002.09	56036.62109	55923.78716	55979.92578	504824.9	5409957.3
L4825.0	504824.9	5409959.5	27469.09961	387.35	0	48.842589	-86.934241	55980.16	56229.3	20.67	56000.83	56035.40234	55923.89753	55981.03516	504824.9	5409959.5
L4825.0	504824.9	5409961.0	27469.19922	386.58	0	48.842602	-86.934241	55978.70	56229.3	20.67	55999.36	56033.97656	55919.12513	55977.26563	504824.9	5409961.0
L4825.0	504824.9	5409961.0	27469.30078	385.70	0	48.842602	-86.934241	55977.28	56229.3	20.67	55997.95	56032.60547	55915.66709	55974.80469	504824.9	5409961.0
L4825.0	504825.0	5409962.7	27469.40039	387.06	0	48.842618	-86.934241	55976.01	56229.3	20.67	55996.68	56031.37500	55915.34829	55975.48828	504825.0	5409962.7
L4825.0	504825.0	5409963.9	27469.50000	388.07	0	48.842629	-86.934240	55974.49	56229.3	20.67	55995.16	56029.89453	55909.17835	55970.31641	504825.0	5409963.9
L4825.0	504825.0	5409965.4	27469.59961	388.11	0	48.842642	-86.934240	55973.25	56229.3	20.67	55993.92	56028.69531	55909.33657	55971.47266	504825.0	5409965.4
L4825.0	504825.0	5409965.4	27469.59961	388.11	0	48.842642	-86.934240	55971.79	56229.3	20.67	55992.46	56027.27344	55904.30100	55967.42969	504825.0	5409965.4
L4825.0	504825.0	5409967.0	27469.69922	387.74	0	48.842657	-86.934240	55970.63	56229.3	20.67	55991.29	56026.14063	55905.79037	55969.91016	504825.0	5409967.0
L4825.0	504825.0	5409968.6	27469.80078	386.64	0	48.842671	-86.934240	55968.86	56229.3	20.67	55989.53	56024.41797	55893.53836	55958.64844	504825.0	5409968.6

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4825.0	504825.0	5409968.6	27470.00000	384.71	0	48.842671	-86.934240	55967.59	56229.3	20.67	55988.26	56023.18359	55892.37951	55958.47656	504825.0	5409968.6
L4825.0	504825.0	5409970.6	27470.00000	384.71	0	48.842689	-86.934240	55966.27	56229.3	20.67	55986.94	56021.89844	55889.87090	55956.94922	504825.0	5409970.6
L4825.0	504825.0	5409970.6	27470.09961	382.85	0	48.842689	-86.934240	55964.73	56229.3	20.67	55985.40	56020.39063	55882.08346	55950.13672	504825.0	5409970.6
L4825.0	504825.0	5409973.4	27470.19922	382.49	0	48.842714	-86.934240	55963.19	56229.3	20.67	55983.86	56018.88672	55874.06225	55943.08984	504825.0	5409973.4
L4825.0	504825.0	5409973.4	27470.40039	382.53	0	48.842714	-86.934240	55961.52	56229.3	20.67	55982.19	56017.25000	55862.79848	55932.79297	504825.0	5409973.4
L4825.0	504825.0	5409974.7	27470.50000	382.98	0	48.842726	-86.934240	55960.20	56229.3	20.67	55980.87	56015.96094	55859.31988	55930.27344	504825.0	5409974.7
L4825.0	504825.0	5409975.9	27470.59961	384.52	0	48.842737	-86.934240	55958.68	56229.3	20.67	55979.35	56014.46875	55850.95312	55922.86328	504825.0	5409975.9
L4825.0	504825.0	5409977.4	27470.69922	386.36	0	48.842750	-86.934240	55957.57	56229.3	20.67	55978.24	56013.39063	55851.71729	55924.57422	504825.0	5409977.4
L4825.0	504825.0	5409977.4	27470.80078	386.74	0	48.842750	-86.934240	55956.34	56229.3	20.67	55977.01	56012.18750	55849.39930	55923.19141	504825.0	5409977.4
L4825.0	504825.0	5409979.0	27470.90039	387.81	0	48.842764	-86.934239	55955.29	56229.3	20.67	55975.96	56011.16406	55850.88496	55925.60938	504825.0	5409979.0
L4825.0	504825.0	5409981.2	27471.00000	389.27	0	48.842784	-86.934240	55954.03	56229.3	20.67	55974.70	56009.92969	55847.18276	55922.83203	504825.0	5409981.2
L4825.0	504825.0	5409981.2	27471.09961	388.26	0	48.842784	-86.934240	55952.76	56229.3	20.67	55973.43	56008.68359	55842.87761	55919.43750	504825.0	5409981.2
L4825.0	504824.9	5409984.4	27471.19922	389.36	0	48.842813	-86.934240	55951.42	56229.3	20.67	55972.10	56007.37891	55836.80180	55914.26563	504824.9	5409984.4
L4825.0	504824.9	5409984.4	27471.30078	388.33	0	48.842813	-86.934240	55950.06	56229.3	20.68	55970.74	56006.03906	55829.62862	55907.98438	504824.9	5409984.4
L4825.0	504824.9	5409985.9	27471.40039	387.87	0	48.842826	-86.934241	55949.02	56229.3	20.68	55969.70	56005.01953	55829.39490	55908.63281	504824.9	5409985.9
L4825.0	504824.9	5409985.9	27471.50000	387.60	0	48.842826	-86.934241	55947.63	56229.3	20.68	55968.31	56003.64453	55820.66672	55900.77734	504824.9	5409985.9
L4825.0	504824.9	5409987.3	27471.59961	386.74	0	48.842840	-86.934241	55946.54	56229.3	20.68	55967.22	56002.57031	55818.38447	55899.35156	504824.9	5409987.3
L4825.0	504824.9	5409988.8	27471.69922	385.76	0	48.842853	-86.934241	55945.61	56229.3	20.68	55966.29	56001.65625	55819.31025	55901.12109	504824.9	5409988.8
L4825.0	504824.9	5409988.8	27471.80078	384.12	0	48.842853	-86.934241	55944.72	56229.3	20.69	55965.40	56000.77734	55820.66662	55903.31250	504824.9	5409988.8
L4825.0	504824.8	5409991.0	27471.90039	384.78	0	48.842873	-86.934242	55943.06	56229.3	20.69	55963.74	55999.12500	55803.79897	55887.26172	504824.8	5409991.0
L4825.0	504824.8	5409992.8	27472.00000	384.18	0	48.842888	-86.934242	55942.39	56229.3	20.69	55963.08	55998.47266	55809.42054	55893.68750	504824.8	5409992.8
L4825.0	504824.8	5409992.8	27472.09961	384.15	0	48.842888	-86.934242	55941.18	56229.3	20.69	55961.87	55997.26953	55801.84932	55886.90625	504824.8	5409992.8
L4825.0	504824.7	5409994.5	27472.19922	383.07	0	48.842904	-86.934243	55940.09	56229.3	20.69	55960.78	55996.17969	55796.48732	55882.32031	504824.7	5409994.5
L4825.0	504824.7	5409995.7	27472.30078	383.85	0	48.842914	-86.934243	55939.38	56229.3	20.68	55960.07	55995.46875	55799.30249	55885.89063	504824.7	5409995.7
L4825.0	504824.7	5409997.7	27472.40039	383.16	0	48.842933	-86.934244	55937.94	56229.3	20.68	55958.62	55994.01563	55784.50829	55871.83984	504824.7	5409997.7
L4825.0	504824.7	5409997.7	27472.50000	383.76	0	48.842933	-86.934244	55937.14	56229.3	20.68	55957.82	55993.21094	55784.07540	55872.13281	504824.7	5409997.7
L4825.0	504824.6	5409999.7	27472.59961	382.85	0	48.842951	-86.934244	55936.18	56229.3	20.68	55956.85	55992.23047	55779.12118	55867.88672	504824.6	5409999.7
L4825.0	504824.6	5409999.7	27472.69922	382.27	0	48.842951	-86.934244	55935.94	56229.3	20.68	55956.62	55991.98828	55790.57186	55880.02734	504824.6	5409999.7
L4825.0	504824.6	5410001.1	27472.80078	382.74	0	48.842964	-86.934244	55935.11	56229.3	20.67	55955.79	55991.14063	55787.57997	55877.70703	504824.6	5410001.1
L4825.0	504824.6	5410002.8	27472.90039	381.45	0	48.842979	-86.934245	55934.48	56229.3	20.67	55955.15	55990.48047	55788.31120	55879.08984	504824.6	5410002.8
L4825.0	504824.6	5410004.4	27473.00000	381.82	0	48.842993	-86.934245	55933.44	56229.3	20.67	55954.11	55989.41797	55779.17688	55870.58984	504824.6	5410004.4
L4825.0	504824.6	5410004.4	27473.09961	381.57	0	48.842993	-86.934245	55932.50	56229.3	20.67	55953.17	55988.45313	55771.67042	55863.69531	504824.6	5410004.4
L4825.0	504824.6	5410004.4	27473.19922	381.26	0	48.842993	-86.934245	55931.82	56229.3	20.67	55952.49	55987.74219	55769.46200	55862.07813	504824.6	5410004.4
L4825.0	504824.6	5410006.7	27473.30078	382.31	0	48.843014	-86.934245	55931.39	56229.3	20.67	55952.06	55987.27734	55772.31038	55865.50000	504824.6	5410006.7
L4825.0	504824.6	5410008.2	27473.40039	381.87	0	48.843027	-86.934245	55930.61	56229.3	20.67	55951.28	55986.45703	55766.39848	55860.13672	504824.6	5410008.2
L4825.0	504824.6	5410009.8	27473.50000	383.32	0	48.843042	-86.934245	55930.02	56229.3	20.67	55950.69	55985.82422	55764.14185	55858.41016	504824.6	5410009.8
L4825.0	504824.6	5410011.5	27473.59961	383.15	0	48.843057	-86.934245	55929.65	56229.3	20.67	55950.32	55985.41016	55766.22101	55861.00000	504824.6	5410011.5
L4825.0	504824.6	5410011.5	27473.69922	383.55	0	48.843057	-86.934245	55928.73	56229.3	20.67	55949.40	55984.43750	55754.90841	55850.17188	504824.6	5410011.5
L4825.0	504824.6	5410013.5	27473.80078	385.10	0	48.843075	-86.934245	55928.41	56229.3	20.67	55949.08	55984.06250	55756.65747	55852.38281	504824.6	5410013.5
L4825.0	504824.6	5410013.5	27473.90039	384.52	0	48.843075	-86.934245	55927.85	56229.3	20.67	55948.52	55983.44141	55752.13082	55848.29297	504824.6	5410013.5
L4825.0	504824.6	5410015.1	27474.00000	384.77	0	48.843089	-86.934245	55927.60	56229.3	20.67	55948.27	55983.12500	55753.97640	55850.55469	504824.6	5410015.1
L4825.0	504824.6	5410016.6	27474.09961	385.00	0	48.843103	-86.934245	55927.22	56229.3	20.67	55947.89	55982.67578	55752.06206	55849.03125	504824.6	5410016.6
L4825.0	504824.6	5410016.6	27474.19922	385.21	0	48.843103	-86.934245	55926.76	56229.3	20.67	55947.43	55982.13672	55747.53133	55844.86719	504824.6	5410016.6
L4825.0	504824.6	5410018.1	27474.30078	384.86	0	48.843117	-86.934245	55926.36	56229.3	20.67	55947.03	55981.65625	55743.59923	55841.27734	504824.6	5410018.1
L4825.0	504824.6	5410019.9	27474.40039	385.53	0	48.843132	-86.934244	55925.88	56229.3	20.67	55946.54	55981.08203	55736.80811	55834.80469	504824.6	5410019.9
L4825.0	504824.6	5410021.6	27474.50000	384.31	0	48.843148	-86.934244	55925.75	56229.3	20.67	55946.42	55980.87109	55737.73734	55836.02734	504824.6	5410021.6
L4825.0	504824.6	5410021.6	27474.59961	384.06	0	48.843148	-86.934244	55925.45	56229.3	20.66	55946.11	55980.46094	55733.49587	55832.05469	504824.6	5410021.6
L4825.0	504824.7	5410023.5	27474.69922	384.31	0	48.843165	-86.934244	55925.65	56229.3	20.66	55946.31	55980.55859	55740.18659	55838.98438	504824.7	5410023.5
L4825.0	504824.7	5410023.5	27474.80078	385.90	0	48.843165	-86.934244	55925.63	56229.3	20.66	55946.29	55980.43359	55741.00757	55840.02344	504824.7	5410023.5
L4825.0	504824.7	5410025.0	27474.90039	385.26	0	48.843179	-86.934243	55925.57	56229.3	20.66	55946.24	55980.26953	55740.32720	55839.53125	504824.7	5410025.0
L4825.0	504824.7	5410026.5	27475.00000	386.01	0	48.843192	-86.934243	55925.37	56229.3	20.66	55946.03	55979.93750	55735.15090	55834.51953	504824.7	5410026.5
L4825.0	504824.7	5410028.0	27475.09961	388.56	0	48.843206	-86.934243	55925.45	56229.3	20.66	55946.10	55979.88281	55735.60068	55835.10938	504824.7	5410028.0
L4825.0	504824.7	5410030.1	27475.19922	387.99	0	48.843225	-86.934242	55925.65	56229.3	20.66	55946.31	55979.96094	55738.45277	55838.07031	504824.7	5410030.1
L4825.0	504824.7	5410030.1	27475.30078	387.60	0	48.843225	-86.934242	55925.95	56229.3	20.66	55946.61	55980.12109	55742.55486	55842.25781	504824.7	5410030.1
L4825.0	504824.8	5410031.4	27475.40039	384.55	0	48.843236	-86.934242	55926.43	56229.3	20.66	55947.09	55980.45703	55749.97656	55849.73438	504824.8	5410031.4
L4825.0	504824.8	5410033.0	27475.50000	382.88	0	48.843251	-86.934242	55926.61	56229.3	20.66	55947.27	55980.48828	55749.67183	55849.46094	504824.8	5410033.0
L4825.0	504824.8	5410033.0	27475.59961	383.21	0	48.843251	-86.934242	55926.58	56229.3	20.65	55947.24	55980.30078	55743.71119	55843.50781	504824.8	5410033.0
L4825.0	504824.8	5410034.8	27475.69922	381.75	0	48.843266	-86.934242	55926.84	56229.3	20.65	55947.49	55980.39063	55743.36984	55843.14063	504824.8	5410034.8
L4825.0	504824.8	5410036.7	27475.80078	382.11	0	48.843284	-86.934242	55927.70	56229.3	20.65	55948.35	55981.07813	55756.24172	55855.96484	504824.8	5410036.7
L4825.0	504824.8	5410036.7	27475.90039	380.46	0	48.843284	-86.934242	55927.82	56229.3	20.65	55948.48	55981.03516	55751.49331	55851.13672	504824.8	5410036.7
L4825.0	504824.8	5410038.1	27476.00000	378.35	0	48.843296	-86.934241	55928.08	56229.3	20.65	55948.73	55981.10156	55748.68493	55848.22656	504824.8	5410038.1
L4825.0	504824.8	5410040.0	27476.09961	377.08	0	48.843313	-86.934241	55928.33	56229.3	20.65	55948.98	55981.16406	55745.05694	55844.46875	504824.8	5410040.0
L4825.0	504824.8	5410041.8	27476.19922	378.06	0	48.843329	-86.934241	55928.89	56229.3	20.65	55949.54	55981.52734	55747.74469	55846.99609	504824.8	5410041.8
L4825.0	504824.8	5410041.8	27476.30078	379.17	0	48.843329	-86.934241	55929.57	56229.3	20.65	55950.22	55982.00781	55752.37856	55851.44531	504824.8	5410041.8
L4825.0	504824.9	5410044.0	27476.40039	379.36	0	48.843349	-86.934241	55930.53	56229.3	20.65	55951.19	55982.76953	55762.87316	55861.73047	504824.9	5410044.0
L4825.0	504824.9	5410044.0	27476.50000	378.15	0	48.843349	-86.934241	55931.42	56229.3	20.65	55952.07	55983.43359	55770.48762	55869.10547	504824.9	5410044.0
L4825.0	504824.9	5410045.9	27476.59961	379.23	0	48.843366	-86.934241	55932.10	56229.3	20.66	55952.75	55983.89453	55772.69428	55871.05078	504824.9	5410045.9
L4825.0	504824.9	5410045.9	27476.69922	382.17	0	48.843366	-86.934241	55932.53	56229.3	20.66	55953.18	55984.09766	55768.34650	55866.41406	504824.9	5410045.9
L4825.0	504824.9	5410047.7	27476.80078	383.32	0	48.843383	-86.934241	55933.14	56229.3	20.66	55953.80	55984.48438	55767.57323	55865.32422	504824.9	5410047.7
L4825.0	504824.8	5410049.3	27476.90039	384.25	0	48.843397	-86.934241	55933.70	56229.3	20.66	55954.35	55984.79297	55764.39626	55861.80469	504824.8	5410049.3
L4825.0	504824.8	5410049.3	27477.00000	385.07	0	48.843397	-86.934241	55934.50	56229.3	20.66	55955.16	55985.35547	55766.41403	55863.45313	504824.8	5410049.3
L4825.0	504824.8	5410051.3	27477.09961	385.99	0	48.843415	-86.934241	55935.44	56229.3	20.66	55956.10	55986.04297	55770.64037	55867.28906	504824.8	5410051.3
L4825.0	504824.8	5410052.8	27477.19922	385.35	0	48.843429	-86.934241	55935.82	56229.3	20.65	55956.47	55986.15234	55760.97335	55857.20313	504824.8	5410052.8
L4825.0	504824.8	5410054.1	27477.30078	384.97	0	48.843440	-86.934241	55936.61	56229.3	20.65	55957.26	55986.67969	55760.19940	55855.98438	504824.8	5410054.1
L4825.0	504824.8	5410054.1	27477.40039	385.39	0	48.843440	-86.934241	55937.84	56229.4	20.65	55958.49	55987.63672	55768.78488	55864.10547	504824.8	5410054.1
L4825.0	504824.8	5410055.6	27477.50000	387.11	0	48.843454	-86.934241	55938.95	56229.4	20.65	55959.60	55988.46875	55773.85024	55868.67578	504824.8	5410055.6
L4825.0	504824.8	5410057.4	27477.59961	385.75	0	48.843470	-86.934241	55940.07	56229.4	20.64	55960.71	55989.29297	55778.16348	55872.47656	504824.8	5410057.4
L4825.0	504824.8	5410057.4	27477.69922	386.24	0	48.843470	-86.934241	55940.88	56229.4	20.64	55961.52	55989.81250	55774.82839	55868.60156	504824.8	5410057.4
L4825.0	504824.8	5410059.1	27477.80078	387.85	0	48.843485	-86.934242	55942.22	56229.4	20.64	55962.85	55990.84766	55782.72100	55875.93359	504824.8	5410059.1
L4825.0	504824.8	5410060.3	27477.90039	386.78	0	48.843496	-86.934242	55943.41	56229.4	20.63	55964.04	55991.73438	55786.66179	55879.28906	504824.8	5410060.3
L4825.0	504824.8	5410060.3	27478.00000	386.34	0	48.843496	-86.934242	55944.57	56229.4	20.63	55965.20	55992.58594	55789.18971	55881.21094	504824.8	5410060.3
L4825.0	504824.7	5410062.0	27478.09961	388.00	0	48.843511	-86.934242	55946.62	56229.4	20.63	55967.25	55994.32422	55811.48264	55902.87500	504824.7	5410062.0
L4825.0	504824.7	5410063.8	27478.19922	388.58	0	48.843527	-86.934243	55947.25	56229.4	20.63	55967.88	55994.63672	55800.39412	55891.13672	504824.7	5410063.8
L4825.0	504824.7	5410063.8	27478.30078	387.09	0	48.843527	-86.934243	55948.62	56229.4	20.63	55969.25	55995.67969	55805.63579	55895.71094	504824.7	5410063.8
L4825.0	504824.7	5410065.1	27478.40039	385.37	0	48.843539	-86.934243	55949.58	56229.4	20.63	55970.21	55996.31250	55800.75407	55890.13672	504824.7	5410065.1
L4825.0	504824.6	5410066.5	27478.50000	385.31	0	48.843551	-86.934244	55950.99	56229.4	20.63	55971.62	55997.38672	55805.54714	55894.21875	504824.6	5410066.5
L4825.0	504824.6	5410068.1	27478.59961	384.10	0	48.843566	-86.934244	55952.28	56229.4	20.63	55972.91	55998.33594	55806.90807	55894.84766	504824.6	5410068.1
L4825.0	504824.6	5410068.1	27478.69922	383.52	0	48.843566	-86.934244	55953.81	56229.4	20.63	55974.43	55999.51172	55812.90001	55900.09375	504824.6	5410068.1
L4825.0	504824.6	5410070.2	27478.80078	382.63	0	48.843585	-86.934244	55955.20	56229.4	20.63	55975.82	56000.55469	55815.24872	55901.67578	504824.6	5410070.2
L4825.0	504824.5	5410071.7	27478.90039	383.82	0	48.843599	-86.934245	55956.00	56229.4	20.63	55976.63	56001.01172	55803.60921	55889.25000	504824.5	5410071.7
L4825.0	504824.5	5410073.2	27479.00000	384.00	0	48.843612	-86.934245	55957.75	56229.4	20.63	55978.38	56002.40234	55812.96774	55897.80859	504824.5	5410073.2
L4825.0	504824.5	5410073.2	27479.09961	382.04	0	48.843612	-86.934245	55958.94	56229.4	20.63	55979.57	56003.23047	55808.81850	55892.83984	504824.5	5410073.2
L4825.0	504824.5	5410074.9	27479.19922	381.50	0	48.843628	-86.934245	55960.56	56229.4	20.62	55981.18	56004.47266	55813.72235	55896.91016	504824.5	5410074.9

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4825.0	504824.5	5410076.4	27479.30078	380.90	0	48.843641	-86.934245	55961.92	56229.4	20.62	55982.54	56005.46094	55812.27275	55894.61328	504824.5	5410076.4
L4825.0	504824.5	5410076.4	27479.40039	380.21	0	48.843641	-86.934245	55963.67	56229.4	20.62	55984.29	56006.83594	55819.20730	55900.67969	504824.5	5410076.4
L4825.0	504824.5	5410078.1	27479.50000	381.52	0	48.843656	-86.934245	55965.08	56229.4	20.61	55985.70	56007.87109	55817.73918	55898.33594	504824.5	5410078.1
L4825.0	504824.5	5410079.9	27479.59961	381.95	0	48.843672	-86.934245	55966.78	56229.4	20.61	55987.39	56009.17969	55822.14615	55901.85156	504824.5	5410079.9
L4825.0	504824.5	5410081.6	27479.69922	382.76	0	48.843687	-86.934245	55968.52	56229.4	20.61	55989.13	56010.53516	55827.14707	55905.94922	504824.5	5410081.6
L4825.0	504824.5	5410083.2	27479.80078	385.06	0	48.843702	-86.934245	55970.07	56229.4	20.61	55990.67	56011.68750	55827.00076	55904.88672	504824.5	5410083.2
L4825.0	504824.5	5410083.2	27479.90039	385.82	0	48.843702	-86.934245	55971.79	56229.4	20.60	55992.39	56013.01563	55830.46294	55907.41797	504824.5	5410083.2
L4825.0	504824.5	5410084.9	27480.00000	388.12	0	48.843717	-86.934245	55973.28	56229.4	20.60	55993.88	56014.11328	55828.11104	55904.12891	504824.5	5410084.9
L4825.0	504824.5	5410084.9	27480.09961	389.00	0	48.843717	-86.934245	55975.33	56229.4	20.60	55995.93	56015.76953	55838.13552	55913.20313	504824.5	5410084.9
L4825.0	504824.5	5410086.1	27480.19922	388.90	0	48.843728	-86.934245	55977.10	56229.4	20.59	55997.69	56017.13281	55840.98941	55915.10156	504824.5	5410086.1
L4825.0	504824.5	5410088.2	27480.30078	389.29	0	48.843747	-86.934245	55979.27	56229.4	20.59	55999.86	56018.90234	55852.79251	55925.93750	504824.5	5410088.2
L4825.0	504824.5	5410088.2	27480.40039	388.98	0	48.843747	-86.934245	55981.09	56229.4	20.59	56001.68	56020.32031	55856.06915	55928.23828	504824.5	5410088.2
L4825.0	504824.5	5410090.2	27480.50000	386.29	0	48.843765	-86.934245	55983.04	56229.4	20.58	56003.63	56021.86719	55861.87707	55933.06250	504824.5	5410090.2
L4825.0	504824.5	5410091.7	27480.59961	384.89	0	48.843778	-86.934245	55984.94	56229.4	20.58	56005.52	56023.35547	55865.85698	55936.05469	504824.5	5410091.7
L4825.0	504824.5	5410091.7	27480.69922	383.54	0	48.843778	-86.934245	55986.58	56229.4	20.58	56007.16	56024.58984	55863.64975	55932.85156	504824.5	5410091.7
L4825.0	504824.5	5410094.5	27480.80078	383.39	0	48.843804	-86.934245	55988.81	56229.4	20.58	56009.39	56026.41406	55874.59738	55942.80078	504824.5	5410094.5
L4825.0	504824.5	5410094.5	27480.90039	381.83	0	48.843804	-86.934245	55990.61	56229.4	20.57	56011.18	56027.79688	55875.01204	55942.21094	504824.5	5410094.5
L4825.0	504824.6	5410097.1	27481.00000	380.09	0	48.843827	-86.934244	55992.78	56229.4	20.57	56013.35	56029.55859	55883.77579	55949.96484	504824.6	5410097.1
L4825.0	504824.6	5410098.8	27481.09961	378.85	0	48.843842	-86.934244	55994.81	56229.4	20.57	56015.37	56031.17188	55888.70638	55953.88281	504824.6	5410098.8
L4825.0	504824.6	5410098.8	27481.19922	380.31	0	48.843842	-86.934244	55996.52	56229.4	20.57	56017.09	56032.48438	55886.36576	55950.52734	504824.6	5410098.8
L4825.0	504824.7	5410100.8	27481.30078	380.40	0	48.843860	-86.934243	55998.75	56229.4	20.56	56019.31	56034.30078	55895.17614	55958.32422	504824.7	5410100.8
L4825.0	504824.7	5410100.8	27481.40039	380.68	0	48.843860	-86.934243	56000.88	56229.4	20.56	56021.44	56036.02344	55901.57499	55963.70313	504824.7	5410100.8
L4825.0	504824.7	5410102.5	27481.50000	380.43	0	48.843876	-86.934242	56003.03	56229.4	20.56	56023.59	56037.76563	55908.10737	55969.21875	504824.7	5410102.5
L4825.0	504824.8	5410104.2	27481.59961	380.84	0	48.843891	-86.934241	56005.10	56229.4	20.56	56025.66	56039.43359	55912.48620	55972.57813	504824.8	5410104.2
L4825.0	504824.8	5410104.2	27481.69922	381.74	0	48.843891	-86.934241	56007.25	56229.4	20.56	56027.80	56041.16797	55918.17714	55977.25391	504824.8	5410104.2
L4825.0	504824.9	5410105.8	27481.80078	382.25	0	48.843905	-86.934240	56009.07	56229.4	20.55	56029.63	56042.59766	55916.45032	55974.51172	504824.9	5410105.8
L4825.0	504824.9	5410107.6	27481.90039	382.01	0	48.843922	-86.934239	56011.20	56229.4	20.55	56031.75	56044.31641	55921.12640	55978.17578	504824.9	5410107.6
L4825.0	504824.9	5410107.6	27482.00000	384.75	0	48.843922	-86.934239	56013.32	56229.4	20.55	56033.87	56046.03516	55925.54659	55981.58203	504824.9	5410107.6
L4825.0	504825.0	5410109.2	27482.09961	386.52	0	48.843936	-86.934238	56015.59	56229.5	20.55	56036.14	56047.91016	55933.17692	55988.20703	504825.0	5410109.2
L4825.0	504825.1	5410111.0	27482.19922	386.39	0	48.843952	-86.934237	56017.60	56229.5	20.54	56038.14	56049.51563	55934.36733	55988.39453	504825.1	5410111.0
L4825.0	504825.2	5410112.8	27482.30078	386.35	0	48.843968	-86.934236	56019.72	56229.5	20.54	56040.26	56051.24219	55938.10651	55991.13672	504825.2	5410112.8
L4825.0	504825.2	5410112.8	27482.40039	384.11	0	48.843968	-86.934236	56021.88	56229.5	20.54	56042.41	56053.00391	55942.33807	55994.37500	504825.2	5410112.8
L4825.0	504825.2	5410114.2	27482.50000	382.91	0	48.843981	-86.934235	56024.04	56229.5	20.53	56044.58	56054.78516	55946.84648	55997.89844	504825.2	5410114.2
L4825.0	504825.3	5410115.8	27482.59961	383.01	0	48.843995	-86.934234	56026.07	56229.5	20.53	56046.60	56056.42188	55947.73455	55997.80469	504825.3	5410115.8
L4825.0	504825.3	5410115.8	27482.69922	383.77	0	48.843995	-86.934234	56028.22	56229.5	20.53	56048.75	56058.19141	55951.45991	56000.55859	504825.3	5410115.8
L4825.0	504825.3	5410117.3	27482.80078	384.02	0	48.844009	-86.934234	56030.30	56229.5	20.53	56050.82	56059.88672	55953.20499	56001.33984	504825.3	5410117.3
L4825.0	504825.3	5410119.1	27482.90039	384.34	0	48.844025	-86.934233	56032.26	56229.5	20.52	56052.78	56061.47266	55952.29411	55999.46875	504825.3	5410119.1
L4825.0	504825.3	5410119.1	27483.00000	383.38	0	48.844025	-86.934233	56034.72	56229.5	20.52	56055.24	56063.56250	55962.77844	56009.00391	504825.3	5410119.1
L4825.0	504825.4	5410120.5	27483.09961	384.50	0	48.844038	-86.934233	56036.97	56229.5	20.52	56057.49	56065.44922	55968.33502	56013.62500	504825.4	5410120.5
L4825.0	504825.4	5410122.0	27483.19922	383.86	0	48.844051	-86.934232	56039.38	56229.5	20.51	56059.89	56067.48828	55977.26228	56021.62500	504825.4	5410122.0
L4825.0	504825.4	5410124.0	27483.30078	384.03	0	48.844069	-86.934232	56041.81	56229.5	20.51	56062.32	56069.55859	55986.81352	56030.25781	504825.4	5410124.0
L4825.0	504825.4	5410124.0	27483.40039	384.75	0	48.844069	-86.934232	56044.38	56229.5	20.51	56064.89	56071.77734	55999.53440	56042.07031	504825.4	5410124.0
L4825.0	504825.5	5410125.6	27483.50000	386.97	0	48.844083	-86.934231	56046.28	56229.5	20.50	56066.78	56073.32031	55996.57060	56038.20703	504825.5	5410125.6
L4825.0	504825.5	5410126.9	27483.59961	385.07	0	48.844095	-86.934231	56048.48	56229.5	20.50	56068.98	56075.17969	56000.71709	56041.46875	504825.5	5410126.9
L4825.0	504825.6	5410128.8	27483.69922	385.43	0	48.844112	-86.934230	56050.68	56229.5	20.50	56071.18	56077.03906	56004.85483	56044.73828	504825.6	5410128.8
L4825.0	504825.6	5410128.8	27483.80078	384.90	0	48.844112	-86.934230	56052.86	56229.5	20.50	56073.35	56078.87891	56008.30769	56047.33203	504825.6	5410128.8
L4825.0	504825.6	5410130.3	27483.90039	383.10	0	48.844126	-86.934230	56055.48	56229.5	20.49	56075.97	56081.17188	56022.13489	56060.31250	504825.6	5410130.3
L4825.0	504825.7	5410132.1	27484.00000	380.60	0	48.844142	-86.934229	56057.64	56229.5	20.49	56078.13	56083.01172	56025.41066	56062.75391	504825.7	5410132.1
L4825.0	504825.7	5410132.1	27484.09961	381.56	0	48.844142	-86.934229	56060.32	56229.5	20.49	56080.81	56085.37500	56040.69932	56077.22266	504825.7	5410132.1
L4825.0	504825.7	5410133.7	27484.19922	380.37	0	48.844156	-86.934228	56061.66	56229.5	20.48	56082.15	56086.40625	56025.21466	56060.93359	504825.7	5410133.7
L4825.0	504825.8	5410135.2	27484.30078	380.00	0	48.844170	-86.934227	56063.96	56229.5	20.48	56084.44	56088.39063	56031.66471	56066.59375	504825.8	5410135.2
L4825.0	504825.8	5410135.2	27484.40039	381.26	0	48.844170	-86.934227	56065.93	56229.5	20.48	56086.41	56090.06250	56030.83926	56064.99219	504825.8	5410135.2
L4825.0	504825.9	5410137.5	27484.50000	381.94	0	48.844191	-86.934226	56068.31	56229.5	20.47	56088.79	56092.15234	56039.54931	56072.94141	504825.9	5410137.5
L4825.0	504825.9	5410138.9	27484.59961	382.84	0	48.844203	-86.934225	56070.64	56229.5	20.47	56091.12	56094.19531	56047.22295	56079.87109	504825.9	5410138.9
L4825.0	504826.0	5410140.5	27484.69922	381.93	0	48.844217	-86.934224	56072.71	56229.5	20.47	56093.18	56095.97656	56048.81063	56080.73047	504826.0	5410140.5
L4825.0	504826.0	5410140.5	27484.80078	383.62	0	48.844217	-86.934224	56074.94	56229.5	20.47	56095.40	56097.92578	56054.21954	56085.42578	504826.0	5410140.5
L4825.0	504826.1	5410142.3	27484.90039	384.14	0	48.844233	-86.934223	56077.12	56229.5	20.46	56097.58	56099.83984	56058.85991	56089.37109	504826.1	5410142.3
L4825.0	504826.2	5410144.6	27485.00000	383.66	0	48.844254	-86.934222	56079.36	56229.5	20.46	56099.82	56101.82031	56065.04494	56094.87500	504826.2	5410144.6
L4825.0	504826.2	5410144.6	27485.09961	383.79	0	48.844254	-86.934222	56081.49	56229.5	20.46	56101.95	56103.69922	56068.87473	56098.03906	504826.2	5410144.6
L4825.0	504826.2	5410146.1	27485.19922	383.66	0	48.844268	-86.934221	56083.66	56229.6	20.45	56104.11	56105.61328	56073.58240	56102.10156	504826.2	5410146.1
L4825.0	504826.3	5410147.7	27485.30078	383.50	0	48.844282	-86.934220	56085.69	56229.6	20.44	56106.13	56107.39063	56075.26751	56103.16016	504826.3	5410147.7
L4825.0	504826.3	5410147.7	27485.40039	382.91	0	48.844282	-86.934220	56088.34	56229.6	20.44	56108.78	56109.80859	56091.65941	56118.93750	504826.3	5410147.7
L4825.0	504826.3	5410149.2	27485.50000	381.34	0	48.844296	-86.934220	56090.42	56229.6	20.43	56110.86	56111.66406	56095.15607	56121.83594	504826.3	5410149.2
L4825.0	504826.4	5410150.5	27485.59961	382.78	0	48.844307	-86.934219	56092.70	56229.6	20.43	56113.13	56113.71484	56103.25617	56129.35938	504826.4	5410150.5
L4825.0	504826.4	5410150.5	27485.69922	383.18	0	48.844307	-86.934219	56094.06	56229.6	20.43	56114.48	56114.85547	56090.42805	56115.97266	504826.4	5410150.5
L4825.0	504826.4	5410152.6	27485.80078	382.83	0	48.844326	-86.934219	56096.27	56229.6	20.42	56116.69	56116.85938	56097.64067	56122.64453	504826.4	5410152.6
L4825.0	504826.4	5410154.3	27485.90039	383.14	0	48.844342	-86.934218	56098.48	56229.6	20.42	56118.90	56118.87109	56105.11445	56129.58984	504826.4	5410154.3
L4825.0	504826.5	5410156.0	27486.00000	382.49	0	48.844357	-86.934218	56100.31	56229.6	20.41	56120.72	56120.50000	56103.88450	56127.85156	504826.5	5410156.0
L4825.0	504826.5	5410157.4	27486.09961	382.94	0	48.844370	-86.934217	56102.71	56229.6	20.41	56123.12	56122.71875	56116.28015	56139.75781	504826.5	5410157.4
L4825.0	504826.5	5410157.4	27486.19922	382.82	0	48.844370	-86.934217	56104.48	56229.6	20.40	56124.89	56124.31250	56114.46707	56137.47266	504826.5	5410157.4
L4825.0	504826.5	5410159.8	27486.30078	381.95	0	48.844391	-86.934217	56106.50	56229.6	20.40	56126.90	56126.15234	56118.47286	56141.02734	504826.5	5410159.8
L4825.0	504826.5	5410161.3	27486.40039	384.94	0	48.844404	-86.934217	56108.81	56229.6	20.40	56129.21	56128.29688	56129.68609	56151.80078	504826.5	5410161.3
L4825.0	504826.5	5410161.3	27486.50000	387.82	0	48.844404	-86.934217	56110.43	56229.6	20.39	56130.83	56129.76172	56125.33374	56147.02734	504826.5	5410161.3
L4825.0	504826.5	5410163.1	27486.59961	389.11	0	48.844421	-86.934217	56112.27	56229.6	20.39	56132.66	56131.44531	56126.13269	56147.42578	504826.5	5410163.1
L4825.0	504826.5	5410164.9	27486.69922	387.21	0	48.844437	-86.934216	56114.00	56229.6	20.39	56134.39	56133.03125	56124.95648	56145.86328	504826.5	5410164.9
L4825.0	504826.5	5410164.9	27486.80078	386.75	0	48.844437	-86.934216	56116.12	56229.6	20.39	56136.50	56135.00781	56132.85677	56153.39844	504826.5	5410164.9
L4825.0	504826.6	5410167.0	27486.90039	384.04	0	48.844456	-86.934216	56117.92	56229.6	20.38	56138.30	56136.67969	56133.96232	56154.15234	504826.6	5410167.0
L4825.0	504826.6	5410167.0	27487.00000	384.79	0	48.844456	-86.934216	56120.14	56229.6	20.38	56140.52	56138.77734	56145.07674	56164.93359	504826.6	5410167.0
L4825.0	504826.6	5410168.8	27487.09961	386.22	0	48.844472	-86.934216	56122.06	56229.6	20.38	56142.44	56140.58203	56149.63773	56169.17578	504826.6	5410168.8
L4825.0	504826.6	5410170.2	27487.19922	386.97	0	48.844485	-86.934216	56123.61	56229.6	20.38	56143.98	56142.01563	56145.80951	56165.05078	504826.6	5410170.2
L4825.0	504826.6	5410170.2	27487.30078	387.90	0	48.844485	-86.934216	56125.45	56229.6	20.37	56145.82	56143.75391	56149.24405	56168.20313	504826.6	5410170.2
L4825.0	504826.6	5410172.5	27487.40039	387.48	0	48.844505	-86.934216	56126.89	56229.6	20.37	56147.26	56145.09766	56143.83817	56162.52734	504826.6	5410172.5
L4825.0	504826.6	5410173.9	27487.50000	386.32	0	48.844518	-86.934216	56128.56	56229.6	20.37	56148.93	56146.67969	56144.09260	56162.53125	504826.6	5410173.9
L4825.0	504826.6	5410175.7	27487.59961	385.34	0	48.844534	-86.934216	56130.21	56229.6	20.37	56150.58	56148.24609	56144.25827	56162.46484	504826.6	5410175.7
L4825.0	504826.6	5410175.7	27487.69922	385.82	0	48.844534	-86.934216	56132.16	56229.6	20.37	56152.53	56150.12109	56151.70184	56169.69141	504826.6	5410175.7
L4825.0	504826.6	5410176.9	27487.80078	386.07	0	48.844545	-86.934216	56133.72	56229.6	20.36	56154.09	56151.61328	56150.54884	56168.33594	504826.6	5410176.9
L4825.0	504826.6	5410178.3	27487.90039	385.75	0	48.844557	-86.934216	56135.59	56229.6	20.36	56155.95	56153.41016	56156.67918	56174.28125	504826.6	5410178.3
L4825.0	504826.6	5410178.3	27488.00000	386.66	0	48.844557	-86.934216	56136.88	56229.6	20.36	56157.24	56154.64063	56150.07576	56167.50391	504826.6	5410178.3
L4825.0	504826.6	5410180.4	27488.09961	387.29	0	48.844576	-86.934215	56138.99	56229.6	20.35	56159.34	56156.69141	56162.49521	56179.76953	504826.6	5410180.4
L4825.0	504826.6	5410182.5	27488.19922	386.49	0	48.844596	-86.934215	56140.63	56229.7	20.35	56160.98	56158.28516	56164.71544	56181.84766	504826.6	5410182.5
L4825.0	504826.6	5410182.5	27488.30078	386.45	0	48.844596	-86.934215	56142.70	56229.7	20.34	56163.05	56160.31641	56177.21717	56194.22266	504826.6	5410182.5
L4825.0	504826.7	5410183.8	27488.40039	387.74	0	48.844607	-86.934215	56144.47	56229.7	20.34	56164.81	56162.04297	56182.97336	56199.86719	504826.7	5410183.8
L4825.0	504826.7	5410185.7	27488.50000	387.12	0	48.844624	-86.934214	56146.02	56229.7	20.33	56166.35	56163.55469	56184.05550	56200.85156	504826.7	5410185.7

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4825.0	504826.7	5410187.2	27488.59961	387.21	0	48.844637	-86.934214	56147.68	56229.7	20.32	56168.01	56165.19141	56188.28746	56205.00000	504826.7	5410187.2
L4825.0	504826.7	5410187.2	27488.69922	386.68	0	48.844637	-86.934214	56148.85	56229.7	20.32	56169.17	56166.33594	56181.40255	56198.04297	504826.7	5410187.2
L4825.0	504826.8	5410189.3	27488.80078	385.42	0	48.844656	-86.934213	56150.95	56229.7	20.31	56171.26	56168.41406	56196.30569	56212.89063	504826.8	5410189.3
L4825.0	504826.8	5410190.8	27488.90039	386.81	0	48.844670	-86.934213	56151.84	56229.7	20.31	56172.15	56169.29688	56183.98344	56200.52344	504826.8	5410190.8
L4825.0	504826.8	5410190.8	27489.00000	384.98	0	48.844670	-86.934213	56153.52	56229.7	20.30	56173.82	56170.96484	56189.99605	56206.50391	504826.8	5410190.8
L4825.0	504826.8	5410192.1	27489.09961	382.89	0	48.844682	-86.934212	56154.72	56229.7	20.30	56175.02	56172.16797	56185.57894	56202.07031	504826.8	5410192.1
L4825.0	504826.9	5410193.7	27489.19922	384.23	0	48.844696	-86.934212	56156.08	56229.7	20.30	56176.37	56173.52734	56184.99727	56201.48047	504826.9	5410193.7
L4825.0	504826.9	5410195.7	27489.30078	384.92	0	48.844714	-86.934211	56157.53	56229.7	20.29	56177.82	56174.98828	56187.09879	56203.58984	504826.9	5410195.7
L4825.0	504826.9	5410195.7	27489.40039	384.72	0	48.844714	-86.934211	56158.91	56229.7	20.29	56179.21	56176.39844	56188.19981	56204.70703	504826.9	5410195.7
L4825.0	504826.9	5410197.2	27489.50000	383.65	0	48.844728	-86.934211	56160.54	56229.7	20.29	56180.83	56178.03906	56194.97123	56211.50781	504826.9	5410197.2
L4825.0	504826.9	5410197.2	27489.59961	383.17	0	48.844728	-86.934211	56161.97	56229.7	20.29	56182.26	56179.49609	56197.74614	56214.32031	504826.9	5410197.2
L4825.0	504826.9	5410199.0	27489.69922	383.55	0	48.844744	-86.934211	56163.55	56229.7	20.29	56183.83	56181.09766	56204.11542	56220.74219	504826.9	5410199.0
L4825.0	504826.9	5410201.1	27489.80078	384.42	0	48.844763	-86.934211	56164.56	56229.7	20.28	56184.85	56182.15234	56198.19884	56214.88672	504826.9	5410201.1
L4825.0	504826.9	5410202.4	27489.90039	386.01	0	48.844774	-86.934211	56166.11	56229.7	20.28	56186.39	56183.73047	56204.61481	56221.37109	504826.9	5410202.4
L4825.0	504826.9	5410202.4	27490.00000	385.67	0	48.844774	-86.934211	56167.31	56229.7	20.28	56187.59	56184.97266	56203.57089	56220.41016	504826.9	5410202.4
L4825.0	504826.9	5410204.0	27490.09961	385.46	0	48.844788	-86.934211	56168.81	56229.7	20.27	56189.08	56186.51172	56209.56042	56226.48828	504826.9	5410204.0
L4825.0	504826.9	5410204.0	27490.19922	387.30	0	48.844788	-86.934211	56169.72	56229.7	20.27	56189.99	56187.47266	56202.56051	56219.58984	504826.9	5410204.0
L4825.0	504826.9	5410205.9	27490.30078	388.42	0	48.844806	-86.934211	56170.75	56229.7	20.26	56191.02	56188.55469	56198.67494	56215.81250	504826.9	5410205.9
L4825.0	504826.9	5410207.8	27490.40039	389.21	0	48.844823	-86.934211	56172.28	56229.7	20.26	56192.53	56190.12109	56206.18367	56223.43750	504826.9	5410207.8
L4825.0	504826.9	5410207.8	27490.50000	388.65	0	48.844823	-86.934211	56173.18	56229.8	20.25	56193.43	56191.08203	56200.00103	56217.37891	504826.9	5410207.8
L4825.0	504826.9	5410209.6	27490.59961	389.54	0	48.844839	-86.934211	56174.81	56229.8	20.24	56195.05	56192.76563	56210.72710	56228.24219	504826.9	5410209.6
L4825.0	504826.9	5410211.1	27490.69922	389.01	0	48.844852	-86.934211	56175.53	56229.8	20.24	56195.76	56193.54297	56200.85020	56218.50781	504826.9	5410211.1
L4825.0	504826.8	5410212.9	27490.80078	389.46	0	48.844869	-86.934212	56177.31	56229.8	20.23	56197.54	56195.39453	56215.92713	56233.73047	504826.8	5410212.9
L4825.0	504826.8	5410212.9	27490.90039	389.04	0	48.844869	-86.934212	56177.96	56229.8	20.23	56198.19	56196.11719	56205.32989	56223.28906	504826.8	5410212.9
L4825.0	504826.8	5410214.2	27491.00000	386.89	0	48.844880	-86.934212	56179.48	56229.8	20.22	56199.70	56197.70313	56214.84521	56232.96484	504826.8	5410214.2
L4825.0	504826.7	5410216.2	27491.09961	384.50	0	48.844898	-86.934213	56180.29	56229.8	20.22	56200.51	56198.58984	56208.57176	56226.86328	504826.7	5410216.2
L4825.0	504826.7	5410216.2	27491.19922	384.83	0	48.844898	-86.934213	56181.26	56229.8	20.21	56201.47	56199.62891	56206.06390	56224.53125	504826.7	5410216.2
L4825.0	504826.7	5410218.1	27491.30078	384.55	0	48.844915	-86.934214	56182.46	56229.8	20.21	56202.67	56200.91406	56209.38783	56228.03516	504826.7	5410218.1
L4825.0	504826.6	5410219.6	27491.40039	384.87	0	48.844929	-86.934215	56183.56	56229.8	20.21	56203.77	56202.09766	56210.71506	56229.54688	504826.6	5410219.6
L4825.0	504826.5	5410221.4	27491.50000	384.77	0	48.844946	-86.934216	56184.69	56229.8	20.21	56204.89	56203.30469	56212.80198	56231.82422	504826.5	5410221.4
L4825.0	504826.5	5410221.4	27491.59961	385.15	0	48.844946	-86.934216	56185.38	56229.8	20.20	56205.58	56204.08203	56205.28884	56224.50781	504826.5	5410221.4
L4825.0	504826.4	5410223.1	27491.69922	385.25	0	48.844960	-86.934217	56186.75	56229.8	20.20	56206.95	56205.54297	56213.71253	56233.13672	504826.4	5410223.1
L4825.0	504826.4	5410224.7	27491.80078	386.54	0	48.844975	-86.934218	56187.72	56229.8	20.20	56207.92	56206.60547	56213.21650	56232.84375	504826.4	5410224.7
L4825.0	504826.3	5410226.5	27491.90039	388.47	0	48.844991	-86.934219	56188.77	56229.8	20.19	56208.96	56207.74219	56214.61074	56234.44531	504826.3	5410226.5
L4825.0	504826.3	5410226.5	27492.00000	388.71	0	48.844991	-86.934219	56189.56	56229.8	20.19	56209.75	56208.62891	56210.52678	56230.57422	504826.3	5410226.5
L4825.0	504826.2	5410228.5	27492.09961	386.45	0	48.845009	-86.934220	56190.18	56229.8	20.19	56210.37	56209.34375	56202.80041	56223.06641	504826.2	5410228.5
L4825.0	504826.2	5410230.3	27492.19922	388.50	0	48.845025	-86.934221	56191.55	56229.8	20.18	56211.73	56210.80469	56212.36630	56232.85547	504826.2	5410230.3
L4825.0	504826.2	5410230.3	27492.30078	387.53	0	48.845025	-86.934221	56192.26	56229.8	20.18	56212.44	56211.61328	56207.23451	56227.94531	504826.2	5410230.3
L4825.0	504826.1	5410232.1	27492.40039	388.97	0	48.845042	-86.934221	56193.52	56229.8	20.18	56213.70	56212.97656	56215.01281	56235.94922	504826.1	5410232.1
L4825.0	504826.1	5410233.6	27492.50000	389.82	0	48.845055	-86.934222	56194.46	56229.8	20.18	56214.63	56214.00781	56215.44672	56236.60938	504826.1	5410233.6
L4825.0	504826.1	5410233.6	27492.59961	389.75	0	48.845055	-86.934222	56195.40	56229.8	20.17	56215.57	56215.05078	56216.35482	56237.75000	504826.1	5410233.6
L4825.0	504826.0	5410235.9	27492.69922	389.27	0	48.845076	-86.934223	56196.20	56229.8	20.17	56216.37	56215.95313	56214.28047	56235.91016	504826.0	5410235.9
L4825.0	504826.0	5410235.9	27492.80078	387.42	0	48.845076	-86.934223	56197.52	56229.8	20.17	56217.69	56217.37891	56224.40572	56246.26563	504826.0	5410235.9
L4825.0	504826.0	5410237.8	27492.90039	385.70	0	48.845093	-86.934223	56198.36	56229.8	20.16	56218.52	56218.31641	56223.48476	56245.58203	504826.0	5410237.8
L4825.0	504826.0	5410239.2	27493.00000	384.64	0	48.845106	-86.934224	56199.18	56229.8	20.16	56219.34	56219.24219	56222.55776	56244.89063	504826.0	5410239.2
L4825.0	504825.9	5410240.7	27493.09961	383.78	0	48.845119	-86.934224	56200.33	56229.8	20.16	56220.49	56220.49609	56229.44340	56252.01563	504825.9	5410240.7
L4825.0	504825.9	5410242.1	27493.19922	384.34	0	48.845132	-86.934224	56201.09	56229.8	20.15	56221.24	56221.35547	56227.33896	56250.14844	504825.9	5410242.1
L4825.0	504825.8	5410243.6	27493.30078	384.74	0	48.845145	-86.934225	56201.89	56229.8	20.15	56222.04	56222.26172	56226.59436	56249.64453	504825.8	5410243.6
L4825.0	504825.8	5410243.6	27493.40039	384.18	0	48.845145	-86.934225	56202.83	56229.9	20.15	56222.98	56223.30859	56229.27571	56252.56250	504825.8	5410243.6
L4825.0	504825.8	5410245.9	27493.50000	385.44	0	48.845165	-86.934226	56203.57	56229.9	20.15	56223.71	56224.14844	56227.32446	56250.85156	504825.8	5410245.9
L4825.0	504825.8	5410245.9	27493.59961	386.71	0	48.845165	-86.934226	56204.39	56229.9	20.14	56224.53	56225.07813	56227.63903	56251.40625	504825.8	5410245.9
L4825.0	504825.8	5410247.5	27493.69922	387.65	0	48.845180	-86.934226	56205.41	56229.9	20.14	56225.55	56226.20313	56232.74586	56256.75000	504825.8	5410247.5
L4825.0	504825.7	5410249.0	27493.80078	387.89	0	48.845194	-86.934226	56206.30	56229.9	20.14	56226.43	56227.19141	56234.81659	56259.05859	504825.7	5410249.0
L4825.0	504825.7	5410249.0	27493.90039	386.47	0	48.845194	-86.934226	56207.16	56229.9	20.13	56227.29	56228.16016	56236.60784	56261.08984	504825.7	5410249.0
L4825.0	504825.7	5410251.0	27494.00000	386.77	0	48.845212	-86.934227	56208.14	56229.9	20.13	56228.27	56229.25000	56241.33650	56266.05469	504825.7	5410251.0
L4825.0	504825.7	5410252.5	27494.09961	387.50	0	48.845225	-86.934227	56208.29	56229.9	20.13	56228.42	56229.50781	56227.13781	56252.08984	504825.7	5410252.5
L4825.0	504825.6	5410254.2	27494.19922	380.92	0	48.845240	-86.934228	56209.28	56229.9	20.13	56229.41	56230.60547	56232.43509	56257.62500	504825.6	5410254.2
L4825.0	504825.6	5410254.2	27494.30078	379.61	0	48.845240	-86.934228	56210.01	56229.9	20.13	56230.14	56231.44141	56231.91207	56257.33203	504825.6	5410254.2
L4825.0	504825.6	5410256.5	27494.40039	384.90	0	48.845261	-86.934228	56210.73	56229.9	20.13	56230.86	56232.26953	56231.31698	56256.96875	504825.6	5410256.5
L4825.0	504825.6	5410256.5	27494.50000	385.05	0	48.845261	-86.934228	56211.56	56229.9	20.13	56231.69	56233.20703	56233.40666	56259.28906	504825.6	5410256.5
L4825.0	504825.6	5410258.0	27494.59961	382.50	0	48.845274	-86.934228	56212.05	56229.9	20.14	56232.19	56233.81250	56228.05205	56254.16406	504825.6	5410258.0
L4825.0	504825.5	5410259.7	27494.69922	383.73	0	48.845290	-86.934229	56212.98	56229.9	20.14	56233.11	56234.83984	56232.50683	56258.84766	504825.5	5410259.7
L4825.0	504825.5	5410259.7	27494.80078	383.72	0	48.845290	-86.934229	56213.27	56229.9	20.14	56233.41	56235.24219	56222.83560	56249.39844	504825.5	5410259.7
L4825.0	504825.5	5410261.4	27494.90039	383.18	0	48.845305	-86.934229	56214.34	56229.9	20.14	56234.48	56236.41797	56231.01896	56257.80469	504825.5	5410261.4
L4825.0	504825.5	5410262.9	27495.00000	384.84	0	48.845318	-86.934229	56215.18	56229.9	20.14	56235.32	56237.36328	56234.04203	56261.04688	504825.5	5410262.9
L4825.0	504825.5	5410262.9	27495.09961	383.80	0	48.845318	-86.934229	56216.20	56229.9	20.14	56236.34	56238.48828	56241.33502	56268.55859	504825.5	5410262.9
L4825.0	504825.5	5410264.9	27495.19922	385.81	0	48.845337	-86.934230	56216.96	56229.9	20.13	56237.10	56239.34766	56242.76912	56270.20703	504825.5	5410264.9
L4825.0	504825.5	5410266.5	27495.30078	385.25	0	48.845351	-86.934230	56217.58	56229.9	20.13	56237.71	56240.06250	56240.87143	56268.52344	504825.5	5410266.5
L4825.0	504825.5	5410267.8	27495.40039	386.95	0	48.845363	-86.934230	56217.98	56229.9	20.12	56238.10	56240.55469	56234.02716	56261.88672	504825.5	5410267.8
L4825.0	504825.5	5410267.8	27495.50000	387.05	0	48.845363	-86.934230	56218.77	56229.9	20.12	56238.89	56241.44531	56236.49896	56264.56641	504825.5	5410267.8
L4825.0	504825.5	5410267.8	27495.59961	387.00	0	48.845363	-86.934230	56219.68	56229.9	20.12	56239.79	56242.44531	56241.60980	56269.88281	504825.5	5410267.8
L4825.0	504825.5	5410270.4	27495.69922	387.97	0	48.845386	-86.934230	56219.93	56229.9	20.11	56240.04	56242.79297	56231.86763	56260.34375	504825.5	5410270.4
L4825.0	504825.5	5410271.6	27495.80078	388.56	0	48.845397	-86.934230	56220.83	56229.9	20.11	56240.94	56243.79297	56237.18252	56265.85547	504825.5	5410271.6
L4825.0	504825.5	5410273.1	27495.90039	386.92	0	48.845411	-86.934230	56221.25	56229.9	20.10	56241.35	56244.30078	56231.31847	56260.18750	504825.5	5410273.1
L4825.0	504825.5	5410274.7	27496.00000	386.13	0	48.845425	-86.934230	56222.02	56229.9	20.10	56242.12	56245.16797	56233.83080	56262.89063	504825.5	5410274.7
L4825.0	504825.5	5410274.7	27496.09961	386.00	0	48.845425	-86.934230	56222.55	56229.9	20.10	56242.64	56245.78125	56230.67927	56259.92969	504825.5	5410274.7
L4825.0	504825.5	5410276.4	27496.19922	386.49	0	48.845440	-86.934230	56223.48	56229.9	20.10	56243.58	56246.81641	56237.27739	56266.71484	504825.5	5410276.4
L4825.0	504825.5	5410276.4	27496.30078	386.92	0	48.845440	-86.934230	56224.18	56229.9	20.09	56244.28	56247.61328	56238.43448	56268.05469	504825.5	5410276.4
L4825.0	504825.5	5410278.4	27496.40039	385.76	0	48.845458	-86.934230	56224.86	56229.9	20.09	56244.95	56248.37500	56238.97922	56268.78125	504825.5	5410278.4
L4825.0	504825.5	5410280.2	27496.50000	385.44	0	48.845474	-86.934230	56225.39	56229.9	20.09	56245.48	56249.00000	56236.37692	56266.35547	504825.5	5410280.2
L4825.0	504825.5	5410280.2	27496.59961	383.26	0	48.845474	-86.934230	56225.85	56229.9	20.09	56245.94	56249.55078	56232.23485	56262.38672	504825.5	5410280.2
L4825.0	504825.5	5410281.6	27496.69922	379.77	0	48.845487	-86.934229	56226.64	56229.9	20.09	56246.73	56250.42969	56235.75389	56266.07813	504825.5	5410281.6
L4825.0	504825.5	5410283.7	27496.80078	378.23	0	48.845505	-86.934229	56227.34	56229.9	20.08	56247.42	56251.21094	56237.03608	56267.52734	504825.5	5410283.7
L4825.0	504825.5	5410285.2	27496.90039	380.78	0	48.845519	-86.934229	56228.36	56229.9	20.08	56248.45	56252.33203	56246.20282	56276.85938	504825.5	5410285.2
L4825.0	504825.5	5410285.2	27497.00000	381.87	0	48.845519	-86.934229	56228.71	56229.9	20.08	56248.79	56252.75781	56239.54986	56270.36719	504825.5	5410285.2
L4825.0	504825.5	5410286.9	27497.09961	381.38	0	48.845535	-86.934229	56229.45	56229.9	20.08	56249.53	56253.58594	56242.15568	56273.12891	504825.5	5410286.9
L4825.0	504825.6	5410288.7	27497.19922	382.26	0	48.845551	-86.934228	56229.65	56229.9	20.08	56249.72	56253.86328	56232.15698	56263.28516	504825.6	5410288.7
L4825.0	504825.6	5410288.7	27497.30078	384.35	0	48.845551	-86.934228	56230.60	56229.9	20.07	56250.67	56254.89844	56239.69474	56270.97656	504825.6	5410288.7
L4825.0	504825.6	5410290.2	27497.40039	384.66	0	48.845564	-86.934228	56231.31	56229.9	20.07	56251.39	56255.70313	56241.98535	56273.41406	504825.6	5410290.2
L4825.0	504825.6	5410292.1	27497.50000	383.32	0	48.845582	-86.934227	56231.67	56229.9	20.07	56251.74	56256.13672	56235.80440	56267.37891	504825.6	5410292.1
L4825.0	504825.6	5410292.1	27497.59961	384.83	0	48.845582	-86.934227	56232.53	56229.9	20.07	56252.60	56257.07813	56241.39845	56273.11328	504825.6	5410292.1
L4825.0	504825.6	5410294.1	27497.69922	386.92	0	48.845600	-86.934227	56232.97	56229.9	20.07	56253.04	56257.60156	56237.36475	56269.21875	504825.6	5410294.1
L4825.0	504825.7	5410295.9	27497.80078	388.32	0	48.845616	-86.934227	56233.81	56229.9	20.06	56253.87	56258.51172	56242.33927	56274.32813	504825.7	5410295.9

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4825.0	504825.7	5410295.9	27497.90039	389.46	0	48.845616	-86.934227	56234.12	56229.9	20.06	56254.18	56258.90234	56235.37962	56267.50000	504825.7	5410295.9
L4825.0	504825.7	5410297.7	27498.00000	387.97	0	48.845632	-86.934227	56235.07	56229.9	20.06	56255.13	56259.93359	56243.17565	56275.42188	504825.7	5410297.7
L4825.0	504825.7	5410299.5	27498.09961	385.66	0	48.845648	-86.934226	56235.57	56229.9	20.06	56255.63	56260.51172	56240.64323	56273.01563	504825.7	5410299.5
L4825.0	504825.7	5410299.5	27498.19922	383.86	0	48.845648	-86.934226	56236.29	56229.9	20.06	56256.35	56261.30859	56243.19710	56275.69141	504825.7	5410299.5
L4825.0	504825.7	5410301.3	27498.30078	383.41	0	48.845664	-86.934226	56236.88	56229.9	20.06	56256.93	56261.96484	56242.55111	56275.16406	504825.7	5410301.3
L4825.0	504825.7	5410301.3	27498.40039	383.88	0	48.845664	-86.934226	56237.87	56229.9	20.06	56257.93	56263.04297	56251.58900	56284.32031	504825.7	5410301.3
L4825.0	504825.7	5410302.8	27498.50000	384.21	0	48.845678	-86.934227	56238.30	56229.9	20.06	56258.36	56263.54688	56247.52803	56280.37109	504825.7	5410302.8
L4825.0	504825.6	5410304.6	27498.59961	383.11	0	48.845694	-86.934227	56238.54	56229.9	20.06	56258.60	56263.86328	56239.11021	56272.06250	504825.6	5410304.6
L4825.0	504825.6	5410305.6	27498.69922	383.34	0	48.845703	-86.934227	56239.24	56229.9	20.06	56259.30	56264.63672	56241.29052	56274.34766	504825.6	5410305.6
L4825.0	504825.6	5410305.6	27498.80078	384.73	0	48.845703	-86.934227	56239.86	56229.9	20.06	56259.92	56265.32813	56241.64129	56274.80469	504825.6	5410305.6
L4825.0	504825.6	5410308.7	27498.90039	386.41	0	48.845731	-86.934228	56240.72	56229.9	20.06	56260.78	56266.26172	56247.52417	56280.78516	504825.6	5410308.7
L4825.0	504825.6	5410308.7	27499.00000	385.03	0	48.845731	-86.934228	56241.12	56229.9	20.06	56261.18	56266.73047	56242.82996	56276.18750	504825.6	5410308.7
L4825.0	504825.6	5410310.5	27499.09961	383.88	0	48.845747	-86.934228	56241.84	56229.9	20.06	56261.90	56267.52344	56245.50540	56278.95703	504825.6	5410310.5
L4825.0	504825.5	5410312.1	27499.19922	382.59	0	48.845761	-86.934228	56242.34	56229.9	20.05	56262.39	56268.08203	56242.89312	56276.43750	504825.5	5410312.1
L4825.0	504825.5	5410312.1	27499.30078	383.48	0	48.845761	-86.934228	56242.92	56229.9	20.05	56262.97	56268.73047	56242.35511	56275.98828	504825.5	5410312.1
L4825.0	504825.5	5410314.5	27499.40039	383.31	0	48.845783	-86.934228	56243.68	56230	20.05	56263.73	56269.55859	56245.96104	56279.67969	504825.5	5410314.5
L4825.0	504825.5	5410315.6	27499.50000	384.29	0	48.845793	-86.934228	56244.36	56230	20.04	56264.40	56270.29688	56247.49680	56281.29688	504825.5	5410315.6
L4825.0	504825.5	5410315.6	27499.59961	384.46	0	48.845793	-86.934228	56245.40	56230	20.04	56265.44	56271.40234	56257.54619	56291.42578	504825.5	5410315.6
L4825.0	504825.5	5410317.2	27499.59961	384.46	0	48.845807	-86.934228	56245.66	56230	20.04	56265.70	56271.72656	56249.64589	56283.60156	504825.5	5410317.2
L4825.0	504825.6	5410319.2	27499.69922	385.55	0	48.845825	-86.934228	56246.29	56230	20.04	56266.32	56272.41406	56250.02717	56284.05859	504825.6	5410319.2
L4825.0	504825.6	5410319.2	27499.80078	385.33	0	48.845825	-86.934228	56246.85	56230	20.04	56266.88	56273.03516	56249.02473	56283.12891	504825.6	5410319.2
L4825.0	504825.6	5410320.9	27500.00000	387.31	0	48.845841	-86.934228	56247.75	56230	20.03	56267.78	56274.00000	56255.84211	56290.01563	504825.6	5410320.9
L4825.0	504825.6	5410322.7	27500.00000	387.31	0	48.845856	-86.934227	56248.46	56230	20.03	56268.49	56274.77344	56258.28303	56292.52344	504825.6	5410322.7
L4825.0	504825.6	5410324.5	27500.09961	384.68	0	48.845873	-86.934227	56249.10	56230	20.03	56269.13	56275.47656	56259.10821	56293.41016	504825.6	5410324.5
L4825.0	504825.6	5410324.5	27500.19922	385.54	0	48.845873	-86.934227	56249.84	56230	20.04	56269.87	56276.27734	56262.22906	56296.59375	504825.6	5410324.5
L4825.0	504825.6	5410326.0	27500.40039	385.38	0	48.845887	-86.934227	56250.40	56230	20.04	56270.44	56276.90625	56261.43234	56295.85547	504825.6	5410326.0
L4825.0	504825.6	5410327.8	27500.50000	384.20	0	48.845903	-86.934227	56250.81	56230	20.04	56270.85	56277.37891	56256.94790	56291.42578	504825.6	5410327.8
L4825.0	504825.6	5410329.7	27500.59961	384.55	0	48.845919	-86.934227	56251.68	56230	20.05	56271.72	56278.30859	56263.04221	56297.57422	504825.6	5410329.7
L4825.0	504825.6	5410329.7	27500.69922	386.31	0	48.845919	-86.934227	56252.34	56229.9	20.05	56272.39	56279.03516	56264.52814	56299.11328	504825.6	5410329.7
L4825.0	504825.7	5410330.9	27500.80078	386.30	0	48.845931	-86.934227	56252.72	56229.9	20.05	56272.77	56279.47266	56259.33475	56293.96875	504825.7	5410330.9
L4825.0	504825.7	5410332.7	27500.90039	386.14	0	48.845946	-86.934227	56253.14	56229.9	20.06	56273.19	56279.94922	56255.05565	56289.73828	504825.7	5410332.7
L4825.0	504825.7	5410332.7	27501.00000	384.91	0	48.845946	-86.934227	56253.74	56229.9	20.06	56273.80	56280.61719	56255.14264	56289.87109	504825.7	5410332.7
L4825.0	504825.6	5410335.1	27501.09961	384.15	0	48.845968	-86.934227	56254.48	56229.9	20.06	56274.54	56281.41406	56258.21533	56292.98828	504825.6	5410335.1
L4825.0	504825.6	5410335.1	27501.19922	385.01	0	48.845968	-86.934227	56255.09	56229.9	20.06	56275.15	56282.07813	56258.29127	56293.10547	504825.6	5410335.1
L4825.0	504825.6	5410336.5	27501.30078	385.07	0	48.845980	-86.934227	56255.69	56229.9	20.06	56275.75	56282.73438	56258.13216	56292.98438	504825.6	5410336.5
L4825.0	504825.6	5410338.4	27501.40039	383.80	0	48.845998	-86.934227	56256.29	56229.9	20.06	56276.35	56283.39063	56257.96857	56292.85938	504825.6	5410338.4
L4825.0	504825.6	5410338.4	27501.50000	380.29	0	48.845998	-86.934227	56257.14	56229.9	20.06	56277.20	56284.29297	56263.55374	56298.47656	504825.6	5410338.4
L4825.0	504825.6	5410340.3	27501.59961	382.16	0	48.846015	-86.934227	56257.98	56229.9	20.06	56278.04	56285.18750	56268.90548	56303.86328	504825.6	5410340.3
L4825.0	504825.6	5410340.3	27501.69922	381.11	0	48.846015	-86.934227	56258.44	56229.9	20.06	56278.50	56285.69922	56265.51050	56300.50000	504825.6	5410340.3
L4825.0	504825.6	5410342.0	27501.80078	381.39	0	48.846030	-86.934227	56259.02	56229.9	20.06	56279.08	56286.33203	56264.87487	56299.89453	504825.6	5410342.0
L4825.0	504825.6	5410343.5	27501.90039	381.72	0	48.846043	-86.934227	56259.36	56229.9	20.06	56279.42	56286.72266	56258.71552	56293.76563	504825.6	5410343.5
L4825.0	504825.6	5410343.5	27502.00000	382.93	0	48.846043	-86.934227	56260.10	56229.9	20.06	56280.16	56287.51172	56261.76011	56296.83594	504825.6	5410343.5
L4825.0	504825.6	5410345.2	27502.09961	384.19	0	48.846059	-86.934228	56260.92	56229.9	20.06	56280.98	56288.38281	56266.64609	56301.74609	504825.6	5410345.2
L4825.0	504825.5	5410346.9	27502.19922	385.90	0	48.846075	-86.934228	56261.44	56229.9	20.06	56281.50	56288.95313	56264.63030	56299.75391	504825.5	5410346.9
L4825.0	504825.5	5410346.9	27502.30078	384.56	0	48.846075	-86.934228	56262.27	56229.9	20.06	56282.33	56289.83203	56269.75020	56304.89844	504825.5	5410346.9
L4825.0	504825.5	5410348.8	27502.40039	386.63	0	48.846091	-86.934228	56262.47	56229.9	20.06	56282.53	56290.08203	56260.37671	56295.54688	504825.5	5410348.8
L4825.0	504825.5	5410350.2	27502.50000	388.36	0	48.846104	-86.934228	56263.31	56229.9	20.06	56283.37	56290.97266	56265.73441	56300.92188	504825.5	5410350.2
L4825.0	504825.5	5410351.8	27502.59961	388.91	0	48.846118	-86.934228	56263.90	56229.9	20.06	56283.96	56291.60938	56265.34480	56300.55078	504825.5	5410351.8
L4825.0	504825.5	5410351.8	27502.69922	388.10	0	48.846118	-86.934228	56264.52	56229.9	20.06	56284.58	56292.27734	56265.65193	56300.87500	504825.5	5410351.8
L4825.0	504825.5	5410353.3	27502.80078	388.29	0	48.846132	-86.934228	56265.20	56229.9	20.06	56285.25	56292.99609	56267.11705	56302.35938	504825.5	5410353.3
L4825.0	504825.5	5410355.1	27502.90039	388.55	0	48.846148	-86.934228	56265.97	56229.9	20.06	56286.03	56293.82031	56271.12188	56306.37891	504825.5	5410355.1
L4825.0	504825.5	5410357.0	27503.00000	385.93	0	48.846165	-86.934228	56266.81	56229.9	20.06	56286.86	56294.69922	56276.28685	56311.55859	504825.5	5410357.0
L4825.0	504825.5	5410357.0	27503.09961	383.74	0	48.846165	-86.934228	56267.29	56229.9	20.06	56287.35	56295.23438	56273.63884	56308.92188	504825.5	5410357.0
L4825.0	504825.5	5410358.9	27503.19922	384.34	0	48.846182	-86.934228	56268.01	56229.9	20.06	56288.07	56296.00000	56276.29504	56311.58984	504825.5	5410358.9
L4825.0	504825.5	5410360.3	27503.30078	383.65	0	48.846195	-86.934228	56268.57	56229.9	20.06	56288.63	56296.60547	56275.28232	56310.58984	504825.5	5410360.3
L4825.0	504825.5	5410360.3	27503.40039	381.42	0	48.846195	-86.934228	56269.51	56229.9	20.06	56289.57	56297.58984	56283.02753	56318.34375	504825.5	5410360.3
L4825.0	504825.5	5410361.8	27503.50000	381.96	0	48.846208	-86.934228	56270.03	56229.9	20.06	56290.09	56298.15625	56281.12314	56316.44922	504825.5	5410361.8
L4825.0	504825.6	5410363.5	27503.59961	383.48	0	48.846224	-86.934227	56270.54	56229.9	20.06	56290.60	56298.71094	56279.00457	56314.33984	504825.6	5410363.5
L4825.0	504825.6	5410363.5	27503.69922	384.31	0	48.846224	-86.934227	56271.22	56229.9	20.06	56291.28	56299.43359	56280.81474	56316.16016	504825.6	5410363.5
L4825.0	504825.6	5410365.3	27503.80078	383.32	0	48.846240	-86.934227	56271.68	56229.9	20.06	56291.74	56299.93750	56277.58045	56312.93359	504825.6	5410365.3
L4825.0	504825.6	5410367.0	27503.90039	383.07	0	48.846255	-86.934227	56272.45	56229.9	20.06	56292.51	56300.75000	56281.49832	56316.85938	504825.6	5410367.0
L4825.0	504825.6	5410368.8	27504.00000	382.81	0	48.846271	-86.934226	56272.86	56229.9	20.06	56292.92	56301.20313	56277.15212	56312.51953	504825.6	5410368.8
L4825.0	504825.6	5410368.8	27504.09961	383.38	0	48.846271	-86.934226	56273.75	56229.9	20.06	56293.82	56302.14453	56284.10181	56319.47266	504825.6	5410368.8
L4825.0	504825.7	5410370.7	27504.19922	383.65	0	48.846289	-86.934226	56274.32	56229.9	20.07	56294.38	56302.74609	56283.24938	56318.62891	504825.7	5410370.7
L4825.0	504825.7	5410370.7	27504.30078	383.57	0	48.846289	-86.934226	56275.31	56229.9	20.07	56295.37	56303.77734	56292.31387	56327.69922	504825.7	5410370.7
L4825.0	504825.7	5410372.8	27504.40039	383.17	0	48.846307	-86.934226	56276.20	56229.9	20.07	56296.28	56304.73047	56299.56060	56334.94922	504825.7	5410372.8
L4825.0	504825.7	5410374.2	27504.50000	384.28	0	48.846320	-86.934226	56276.69	56229.9	20.07	56296.76	56305.25000	56296.93656	56332.32813	504825.7	5410374.2
L4825.0	504825.7	5410374.2	27504.59961	382.44	0	48.846320	-86.934226	56277.25	56229.9	20.08	56297.32	56305.85156	56296.17790	56331.57422	504825.7	5410374.2
L4825.0	504825.7	5410375.7	27504.69922	382.75	0	48.846334	-86.934225	56277.40	56229.9	20.08	56297.48	56306.05078	56286.24012	56321.64063	504825.7	5410375.7
L4825.0	504825.7	5410377.5	27504.80078	380.95	0	48.846349	-86.934225	56278.19	56229.9	20.08	56298.27	56306.88281	56290.82484	56326.23047	504825.7	5410377.5
L4825.0	504825.7	5410377.5	27504.90039	380.63	0	48.846349	-86.934225	56278.91	56229.9	20.09	56298.99	56307.64063	56293.82512	56329.23438	504825.7	5410377.5
L4825.0	504825.8	5410379.7	27505.00000	380.34	0	48.846369	-86.934225	56279.43	56229.9	20.09	56299.52	56308.21094	56292.48019	56327.89063	504825.8	5410379.7
L4825.0	504825.8	5410380.9	27505.09961	382.06	0	48.846380	-86.934225	56279.98	56229.9	20.09	56300.07	56308.80078	56291.62273	56327.03906	504825.8	5410380.9
L4825.0	504825.8	5410382.4	27505.19922	382.67	0	48.846393	-86.934224	56280.63	56229.9	20.09	56300.72	56309.48828	56293.09401	56328.51172	504825.8	5410382.4
L4825.0	504825.8	5410382.4	27505.30078	383.07	0	48.846393	-86.934224	56281.20	56229.9	20.10	56301.29	56310.09766	56292.75247	56328.17578	504825.8	5410382.4
L4825.0	504825.8	5410384.1	27505.40039	382.03	0	48.846409	-86.934224	56281.87	56229.9	20.10	56301.96	56310.80469	56294.74033	56330.16406	504825.8	5410384.1
L4825.0	504825.8	5410385.9	27505.50000	382.27	0	48.846425	-86.934224	56282.47	56229.9	20.10	56302.57	56311.45313	56295.37614	56330.80469	504825.8	5410385.9
L4825.0	504825.8	5410385.9	27505.59961	383.87	0	48.846425	-86.934224	56282.76	56229.9	20.10	56302.86	56311.77734	56288.67732	56324.10547	504825.8	5410385.9
L4825.0	0.0	0.0	27505.69922	386.79	0	48.846443	-86.934223	56283.94	56229.9	20.10	56304.04	56312.99609	56302.48699	56337.91797	504825.8	5410387.9
L4825.0	0.0	0.0	27505.80078	385.27	0	48.846443	-86.934223	56284.29	56229.9	20.11	56304.39	56313.38281	56297.22687	56332.66016	504825.8	5410387.9
L4825.0	0.0	0.0	27505.90039	386.97	0	48.846458	-86.934223	56284.70	56229.9	20.11	56304.81	56313.83984	56293.60665	56329.04297	504825.9	5410389.5
L4825.0	0.0	0.0	27506.00000	386.10	0	48.846472	-86.934222	56285.36	56229.9	20.11	56305.47	56314.53516	56295.53818	56330.98047	504825.9	5410391.1
L4825.0	0.0	0.0	27506.09961	385.64	0	48.846487	-86.934222	56286.00	56229.9	20.11	56306.11	56315.21094	56297.03868	56332.48047	504825.9	5410392.8
L4825.0	0.0	0.0	27506.19922	383.95	0	48.846487	-86.934222	56286.74	56229.9	20.11	56306.85	56315.98438	56300.86936	56336.31250	504825.9	5410392.8
L4825.0	0.0	0.0	27506.30078	382.92	0	48.846504	-86.934221	56287.20	56229.9	20.11	56307.31	56316.48047	56298.28608	56333.73438	504826.0	5410394.7
L4825.0	0.0	0.0	27506.40039	382.95	0	48.846518	-86.934221	56288.09	56229.9	20.11	56308.21	56317.41406	56305.85641	56341.30859	504826.0	5410396.3
L4825.0	0.0	0.0	27506.50000	383.49	0	48.846518	-86.934221	56288.35	56229.9	20.12	56308.46	56317.69922	56298.49853	56333.95313	504826.0	5410396.3
L4825.0	0.0	0.0	27506.59961	383.31	0	48.846537	-86.934220	56289.24	56229.9	20.12	56309.35	56318.62109	56305.89606	56341.35156	504826.1	5410398.3
L4825.0	0.0	0.0	27506.69922	383.21	0	48.846537	-86.934220	56289.78	56229.9	20.12	56309.90	56319.20313	56305.49830	56340.95313	504826.1	5410398.3
L4825.0	0.0	0.0	27506.80078	383.37	0	48.846555	-86.934219	56290.31	56229.9	20.12	56310.43	56319.76563	56304.66841	56340.12891	504826.1	5410400.3
L4825.0	0.0	0.0	27506.90039	384.34	0	48.846574	-86.934219	56290.82	56229.9	20.12	56310.94	56320.30859	56303.40614	56338.86719	504826.2	5410402.4
L4825.0	0.0	0.0	27507.00000	385.00	0	48.846574	-86.934219	56291.44	56229.9	20.12	56311.56	56320.96094	56304.70259	56340.16797	504826.2	5410402.4
L4825.0	0.0	0.0	27507.09961	386.11	0	48.846589	-86.934218	56292.13	56229.9	20.12	56312.25	56321.67969	56307.63702	56343.10156	504826.2	5410404.2

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4825.0	0.0	0.0	27507.19922	385.74	0	48.846589	-86.934218	56292.54	56229.9	20.13	56312.67	56322.13281	56304.38549	56339.85156	504826.2	5410404.2
L4825.0	0.0	0.0	27507.30078	386.80	0	48.846608	-86.934218	56293.47	56229.9	20.13	56313.60	56323.09375	56312.89601	56348.36328	504826.3	5410406.3
L4825.0	0.0	0.0	27507.40039	386.82	0	48.846623	-86.934217	56293.64	56229.9	20.13	56313.77	56323.29297	56303.94465	56339.41406	504826.3	5410407.9
L4825.0	0.0	0.0	27507.50000	386.68	0	48.846623	-86.934217	56294.09	56229.9	20.14	56314.22	56323.76953	56301.46219	56336.93359	504826.3	5410407.9
L4825.0	0.0	0.0	27507.59961	386.85	0	48.846641	-86.934217	56294.52	56229.9	20.14	56314.66	56324.23828	56298.77519	56334.24609	504826.3	5410409.9
L4825.0	0.0	0.0	27507.69922	387.83	0	48.846654	-86.934216	56295.21	56229.9	20.14	56315.35	56324.95703	56301.86609	56337.33984	504826.3	5410411.4
L4825.0	0.0	0.0	27507.80078	386.61	0	48.846654	-86.934216	56295.83	56229.9	20.14	56315.97	56325.60156	56303.37113	56338.84375	504826.3	5410411.4
L4825.0	0.0	0.0	27507.90039	385.62	0	48.846673	-86.934216	56296.28	56229.9	20.15	56316.42	56326.08203	56300.98889	56336.46094	504826.4	5410413.4
L4825.0	0.0	0.0	27508.00000	382.11	0	48.846686	-86.934215	56297.08	56229.8	20.15	56317.23	56326.91797	56306.91473	56342.38672	504826.4	5410414.9
L4825.0	0.0	0.0	27508.09961	382.31	0	48.846699	-86.934215	56297.51	56229.8	20.15	56317.66	56327.37109	56304.12041	56339.59375	504826.4	5410416.4
L4825.0	0.0	0.0	27508.19922	382.59	0	48.846699	-86.934215	56298.28	56229.8	20.16	56318.44	56328.17578	56309.40347	56344.87500	504826.4	5410416.4
L4825.0	0.0	0.0	27508.30078	381.41	0	48.846715	-86.934215	56298.78	56229.8	20.16	56318.94	56328.69922	56308.26686	56343.73438	504826.4	5410418.1
L4825.0	0.0	0.0	27508.40039	381.64	0	48.846715	-86.934215	56299.30	56229.8	20.17	56319.46	56329.24219	56307.61355	56343.08203	504826.4	5410418.1
L4825.0	0.0	0.0	27508.50000	382.32	0	48.846733	-86.934214	56300.01	56229.8	20.17	56320.18	56329.98438	56311.58523	56347.05078	504826.5	5410420.1
L4825.0	0.0	0.0	27508.59961	377.75	0	48.846745	-86.934214	56300.52	56229.8	20.17	56320.69	56330.51563	56310.74731	56346.20703	504826.5	5410421.4
L4825.0	0.0	0.0	27508.69922	379.48	0	48.846758	-86.934214	56300.98	56229.8	20.18	56321.15	56330.99609	56308.78130	56344.23828	504826.5	5410422.9
L4825.0	0.0	0.0	27508.80078	387.10	0	48.846771	-86.934214	56301.55	56229.8	20.18	56321.73	56331.59766	56309.59888	56345.05078	504826.5	5410424.4
L4825.0	0.0	0.0	27508.90039	388.25	0	48.846771	-86.934214	56302.08	56229.8	20.19	56322.26	56332.14453	56309.28810	56344.73438	504826.5	5410424.4
L4825.0	0.0	0.0	27509.00000	388.30	0	48.846788	-86.934213	56302.87	56229.8	20.19	56323.06	56332.96484	56315.21230	56350.65234	504826.5	5410426.3
L4825.0	0.0	0.0	27509.09961	387.21	0	48.846801	-86.934213	56303.43	56229.8	20.19	56323.62	56333.54297	56315.63597	56351.06641	504826.6	5410427.7
L4825.0	0.0	0.0	27509.19922	386.49	0	48.846815	-86.934213	56304.32	56229.8	20.20	56324.52	56334.45703	56323.90529	56359.32813	504826.6	5410429.2
L4825.0	0.0	0.0	27509.30078	387.84	0	48.846815	-86.934213	56304.43	56229.8	20.21	56324.63	56334.58203	56314.01818	56349.43359	504826.6	5410429.2
L4825.0	0.0	0.0	27509.40039	379.81	0	48.846831	-86.934213	56305.06	56229.8	20.21	56325.27	56335.23828	56316.34883	56351.75391	504826.6	5410431.0
L4825.0	0.0	0.0	27509.50000	379.90	0	48.846844	-86.934213	56305.73	56229.8	20.22	56325.94	56335.92188	56319.39196	56354.78516	504826.6	5410432.5
L4825.0	0.0	0.0	27509.59961	385.71	0	48.846844	-86.934213	56306.19	56229.8	20.22	56326.41	56336.40234	56317.85525	56353.23438	504826.6	5410432.5
L4825.0	0.0	0.0	27509.69922	384.84	0	48.846858	-86.934213	56306.75	56229.8	20.22	56326.98	56336.98438	56318.64209	56354.00781	504826.6	5410434.0
L4825.0	0.0	0.0	27509.80078	383.65	0	48.846874	-86.934213	56307.13	56229.8	20.23	56327.36	56337.37500	56315.07956	56350.42969	504826.6	5410435.8
L4825.0	0.0	0.0	27509.90039	383.91	0	48.846888	-86.934212	56307.80	56229.8	20.24	56328.03	56338.05469	56318.21305	56353.54688	504826.6	5410437.3
L4825.0	0.0	0.0	27510.00000	382.88	0	48.846888	-86.934212	56308.31	56229.8	20.24	56328.55	56338.58203	56317.91814	56353.23438	504826.6	5410437.3
L4825.0	0.0	0.0	27510.09961	383.43	0	48.846913	-86.934212	56309.02	56229.8	20.24	56329.26	56339.30078	56322.01879	56357.31250	504826.6	5410440.1
L4825.0	0.0	0.0	27510.19922	385.20	0	48.846913	-86.934212	56309.43	56229.8	20.24	56329.67	56339.71484	56319.24011	56354.51172	504826.6	5410440.1
L4825.0	0.0	0.0	27510.30078	386.25	0	48.846920	-86.934212	56309.96	56229.8	20.24	56330.20	56340.25000	56319.24699	56354.49609	504826.6	5410440.9
L4825.0	0.0	0.0	27510.40039	384.19	0	48.846936	-86.934212	56310.55	56229.8	20.24	56330.79	56340.84375	56320.65922	56355.88672	504826.7	5410442.7
L4825.0	0.0	0.0	27510.50000	384.14	0	48.846950	-86.934211	56311.24	56229.8	20.24	56331.48	56341.53516	56324.39770	56359.59766	504826.7	5410444.2
L4825.0	0.0	0.0	27510.59961	383.74	0	48.846968	-86.934211	56311.83	56229.8	20.24	56332.07	56342.12891	56325.86077	56361.03125	504826.7	5410446.2
L4825.0	0.0	0.0	27510.69922	385.67	0	48.846968	-86.934211	56312.32	56229.8	20.24	56332.56	56342.61719	56325.04898	56360.18750	504826.7	5410446.2
L4825.0	0.0	0.0	27510.80078	385.80	0	48.846983	-86.934210	56312.79	56229.8	20.24	56333.03	56343.08594	56323.80372	56358.91016	504826.7	5410447.9
L4825.0	0.0	0.0	27510.90039	385.55	0	48.846983	-86.934210	56313.41	56229.8	20.24	56333.65	56343.70313	56326.03741	56361.11328	504826.7	5410447.9
L4825.0	0.0	0.0	27511.00000	387.21	0	48.847003	-86.934210	56313.89	56229.8	20.24	56334.13	56344.17969	56325.07755	56360.11719	504826.8	5410450.2
L4825.0	0.0	0.0	27511.09961	385.70	0	48.847016	-86.934209	56314.48	56229.8	20.24	56334.72	56344.76172	56326.67745	56361.67578	504826.8	5410451.6
L4825.0	0.0	0.0	27511.19922	384.80	0	48.847016	-86.934209	56315.13	56229.8	20.25	56335.37	56345.40625	56329.68724	56364.64453	504826.8	5410451.6
L4825.0	0.0	0.0	27511.30078	381.83	0	48.847030	-86.934209	56315.63	56229.8	20.25	56335.88	56345.90625	56329.50543	56364.41797	504826.8	5410453.1
L4825.0	0.0	0.0	27511.40039	380.81	0	48.847044	-86.934208	56316.24	56229.7	20.25	56336.49	56346.50781	56331.65530	56366.52344	504826.9	5410454.7
L4825.0	0.0	0.0	27511.50000	382.79	0	48.847060	-86.934208	56316.68	56229.7	20.25	56336.93	56346.93750	56329.92465	56364.74609	504826.9	5410456.5
L4825.0	0.0	0.0	27511.59961	385.05	0	48.847060	-86.934208	56317.32	56229.7	20.26	56337.57	56347.56250	56332.82815	56367.59766	504826.9	5410456.5
L4825.0	0.0	0.0	27511.69922	385.96	0	48.847074	-86.934208	56317.82	56229.7	20.26	56338.08	56348.05859	56332.77300	56367.48828	504826.9	5410458.0
L4825.0	0.0	0.0	27511.80078	387.33	0	48.847074	-86.934208	56318.54	56229.7	20.26	56338.80	56348.76172	56337.58356	56372.24219	504826.9	5410458.0
L4825.0	0.0	0.0	27511.90039	387.34	0	48.847101	-86.934207	56318.82	56229.7	20.27	56339.09	56349.03516	56332.53371	56367.13672	504827.0	5410461.0
L4825.0	0.0	0.0	27512.00000	387.71	0	48.847101	-86.934207	56319.59	56229.7	20.27	56339.86	56349.78516	56338.56391	56373.10547	504827.0	5410461.0
L4825.0	0.0	0.0	27512.09961	385.73	0	48.847115	-86.934206	56319.76	56229.7	20.27	56340.03	56349.93359	56330.82334	56365.29688	504827.0	5410462.6
L4825.0	0.0	0.0	27512.19922	384.90	0	48.847129	-86.934206	56320.43	56229.7	20.28	56340.71	56350.59375	56334.85458	56369.26172	504827.1	5410464.1
L4825.0	0.0	0.0	27512.30078	384.95	0	48.847129	-86.934206	56320.96	56229.7	20.28	56341.24	56351.09766	56335.47129	56369.80859	504827.1	5410464.1
L4825.0	0.0	0.0	27512.40039	383.86	0	48.847143	-86.934205	56320.84	56229.7	20.28	56341.12	56350.95313	56321.16882	56355.43359	504827.1	5410465.7
L4825.0	0.0	0.0	27512.50000	384.65	0	48.847159	-86.934205	56321.58	56229.7	20.28	56341.86	56351.66797	56326.69399	56360.88281	504827.1	5410467.4
L4825.0	0.0	0.0	27512.59961	384.79	0	48.847159	-86.934205	56322.03	56229.7	20.29	56342.32	56352.09766	56325.81529	56359.92188	504827.1	5410467.4
L4825.0	0.0	0.0	27512.69922	384.81	0	48.847177	-86.934205	56323.14	56229.7	20.29	56343.43	56353.17578	56339.93330	56373.95703	504827.1	5410469.5
L4825.0	0.0	0.0	27512.80078	383.61	0	48.847193	-86.934204	56323.28	56229.7	20.29	56343.58	56353.29297	56332.00143	56365.94141	504827.2	5410471.3
L4825.0	0.0	0.0	27512.90039	382.05	0	48.847193	-86.934204	56324.06	56229.7	20.30	56344.35	56354.03125	56338.37717	56372.23047	504827.2	5410471.3
L4825.0	0.0	0.0	27513.00000	378.55	0	48.847212	-86.934204	56324.70	56229.7	20.30	56345.00	56354.64453	56342.03318	56375.79297	504827.2	5410473.4
L4825.0	0.0	0.0	27513.09961	379.03	0	48.847221	-86.934204	56325.38	56229.7	20.31	56345.68	56355.28516	56346.42160	56380.08594	504827.2	5410474.4
L4825.0	0.0	0.0	27513.19922	378.80	0	48.847234	-86.934204	56325.94	56229.7	20.31	56346.25	56355.81641	56348.32145	56381.88672	504827.2	5410475.8
L4825.0	0.0	0.0	27513.30078	379.63	0	48.847234	-86.934204	56326.07	56229.7	20.32	56346.38	56355.90625	56340.13966	56373.60156	504827.2	5410475.8
L4825.0	0.0	0.0	27513.40039	382.09	0	48.847251	-86.934204	56326.81	56229.7	20.32	56347.14	56356.62109	56346.49812	56379.85547	504827.2	5410477.8
L4825.0	0.0	0.0	27513.50000	383.31	0	48.847269	-86.934204	56327.06	56229.7	20.33	56347.39	56356.82813	56341.16503	56374.41406	504827.2	5410479.7
L4825.0	0.0	0.0	27513.59961	383.29	0	48.847285	-86.934204	56327.81	56229.7	20.34	56348.14	56357.53125	56347.38156	56380.51563	504827.2	5410481.4
L4825.0	0.0	0.0	27513.69922	384.96	0	48.847297	-86.934204	56328.14	56229.7	20.34	56348.48	56357.82422	56344.20830	56377.22656	504827.2	5410482.8
L4825.0	0.0	0.0	27513.80078	385.96	0	48.847297	-86.934204	56328.70	56229.7	20.35	56349.05	56358.34375	56346.37236	56379.27344	504827.2	5410482.8
L4825.0	0.0	0.0	27513.90039	387.15	0	48.847313	-86.934204	56329.18	56229.6	20.35	56349.53	56358.76953	56346.51057	56379.28906	504827.2	5410484.6
L4825.0	0.0	0.0	27514.00000	386.86	0	48.847330	-86.934204	56329.69	56229.6	20.36	56350.05	56359.23438	56347.61449	56380.26563	504827.2	5410486.5
L4825.0	0.0	0.0	27514.09961	386.03	0	48.847330	-86.934204	56330.38	56229.6	20.36	56350.75	56359.87891	56352.90578	56385.42578	504827.2	5410486.5
L4825.0	0.0	0.0	27514.19922	384.66	0	48.847345	-86.934204	56330.84	56229.6	20.37	56351.21	56360.28125	56352.72004	56385.10547	504827.2	5410488.2
L4825.0	0.0	0.0	27514.30078	385.96	0	48.847356	-86.934204	56331.45	56229.6	20.37	56351.82	56360.83203	56356.03149	56388.28125	504827.1	5410489.4
L4825.0	0.0	0.0	27514.40039	385.47	0	48.847356	-86.934204	56331.84	56229.6	20.38	56352.22	56361.17188	56354.55629	56386.66406	504827.1	5410489.4
L4825.0	0.0	0.0	27514.50000	383.79	0	48.847372	-86.934204	56332.22	56229.6	20.38	56352.60	56361.48828	56352.66644	56384.63281	504827.1	5410491.2
L4825.0	0.0	0.0	27514.59961	383.38	0	48.847372	-86.934204	56332.65	56229.6	20.38	56353.03	56361.85156	56351.97261	56383.78906	504827.1	5410491.2
L4825.0	0.0	0.0	27514.69922	382.82	0	48.847398	-86.934204	56333.44	56229.6	20.39	56353.83	56362.58594	56359.83808	56391.50000	504827.1	5410494.0
L4825.0	0.0	0.0	27514.80078	384.73	0	48.847406	-86.934204	56333.63	56229.6	20.39	56354.02	56362.70703	56353.71221	56385.21875	504827.1	5410494.9
L4825.0	0.0	0.0	27514.90039	384.20	0	48.847421	-86.934204	56334.06	56229.6	20.40	56354.46	56363.07813	56353.38397	56384.73438	504827.1	5410496.6
L4825.0	0.0	0.0	27515.00000	382.90	0	48.847421	-86.934204	56334.48	56229.6	20.40	56354.88	56363.42578	56352.64021	56383.82813	504827.1	5410496.6
L4825.0	0.0	0.0	27515.09961	383.59	0	48.847437	-86.934204	56335.02	56229.6	20.40	56355.43	56363.89844	56354.93225	56385.95313	504827.1	5410498.4
L4825.0	0.0	0.0	27515.19922	378.77	0	48.847437	-86.934204	56335.61	56229.6	20.40	56356.02	56364.41406	56358.18878	56389.03906	504827.1	5410498.4
L4825.0	0.0	0.0	27515.30078	380.44	0	48.847457	-86.934204	56335.95	56229.6	20.41	56356.35	56364.66797	56355.50620	56386.18359	504827.2	5410500.6
L4825.0	0.0	0.0	27515.40039	380.82	0	48.847471	-86.934204	56336.22	56229.6	20.41	56356.63	56364.86719	56351.71636	56382.21484	504827.1	5410502.1
L4825.0	0.0	0.0	27515.50000	379.74	0	48.847484	-86.934204	56336.51	56229.6	20.41	56356.92	56365.07422	56348.19943	56378.51953	504827.1	5410503.6
L4825.0	0.0	0.0	27515.59961	378.71	0	48.847484	-86.934204	56337.30	56229.6	20.41	56357.71	56365.78125	56356.23018	56386.36719	504827.1	5410503.6
L4825.0	0.0	0.0	27515.69922	380.05	0	48.847502	-86.934204	56337.58	56229.6	20.41	56357.99	56365.97656	56352.56729	56382.51563	504827.1	5410505.7
L4825.0	0.0	0.0	27515.80078	379.03	0	48.847517	-86.934204	56337.86	56229.6	20.42	56358.27	56366.16797	56348.94566	56378.70313	504827.1	5410507.3
L4825.0	0.0	0.0	27515.90039	379.10	0	48.847517	-86.934204	56338.27	56229.6	20.42	56358.69	56366.50000	56348.58623	56378.14844	504827.1	5410507.3
L4825.0	0.0	0.0	27516.00000	378.16	0	48.847528	-86.934204	56338.75	56229.6	20.42	56359.17	56366.89063	56349.64755	56379.01172	504827.1	5410508.5
L4825.0	0.0	0.0	27516.09961	375.67	0	48.847546	-86.934204	56339.34	56229.6	20.42	56359.76	56367.38672	56353.27954	56382.44531	504827.1	5410510.5
L4825.0	0.0	0.0	27516.19922	374.33	0	48.847546	-86.934204	56339.77	56229.6	20.42	56360.20	56367.73438	56353.49879	56382.45703	504827.1	5410510.5
L4825.0	0.0	0.0	27516.30078	376.00	0	48.847564	-86.934204	56340.11	56229.6	20.43	56360.53	56367.96875	56351.22507	56379.97656	504827.2	5410512.5
L4825.0	0.0	0.0	27516.40039	377.39	0	48.847580	-86.934204	56340.64	56229.6	20.43	56361.07	56368.41016	56353.82116	56382.36328	504827.2	5410514.3

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4825.0	0.0	0.0	27516.50000	376.97	0	48.847580	-86.934204	56341.20	56229.6	20.43	56361.63	56368.87109	56356.91434	56385.24219	504827.2	5410514.3
L4825.0	0.0	0.0	27516.59961	376.27	0	48.847593	-86.934204	56341.36	56229.6	20.43	56361.79	56368.93359	56350.83946	56378.94922	504827.2	5410515.8
L4825.0	0.0	0.0	27516.69922	374.92	0	48.847609	-86.934204	56341.64	56229.6	20.43	56362.07	56369.10938	56347.56139	56375.44922	504827.2	5410517.5
L4825.0	0.0	0.0	27516.80078	375.26	0	48.847609	-86.934204	56342.18	56229.6	20.44	56362.61	56369.54688	56350.30096	56377.96875	504827.2	5410517.5
L4825.0	0.0	0.0	27516.90039	376.42	0	48.847628	-86.934204	56342.66	56229.6	20.44	56363.10	56369.92969	56351.92417	56379.36328	504827.2	5410519.7
L4825.0	0.0	0.0	27517.00000	376.71	0	48.847642	-86.934204	56343.45	56229.6	20.44	56363.89	56370.61328	56360.48410	56387.69531	504827.2	5410521.2
L4825.0	0.0	0.0	27517.09961	377.29	0	48.847656	-86.934203	56343.73	56229.6	20.44	56364.17	56370.78516	56357.34142	56384.32031	504827.2	5410522.7
L4825.0	0.0	0.0	27517.19922	378.28	0	48.847671	-86.934203	56344.44	56229.6	20.45	56364.89	56371.39453	56364.35566	56391.10156	504827.2	5410524.4
L4825.0	0.0	0.0	27517.30078	378.24	0	48.847671	-86.934203	56344.93	56229.5	20.45	56365.38	56371.77344	56366.10900	56392.61719	504827.2	5410524.4
L4825.0	0.0	0.0	27517.40039	378.83	0	48.847685	-86.934203	56345.25	56229.5	20.46	56365.71	56371.99219	56364.21158	56390.48047	504827.2	5410525.9
L4825.0	0.0	0.0	27517.50000	386.27	0	48.847698	-86.934203	56345.36	56229.5	20.46	56365.82	56371.98828	56357.28217	56383.30859	504827.2	5410527.4
L4825.0	0.0	0.0	27517.59961	385.19	0	48.847698	-86.934203	56345.79	56229.5	20.46	56366.26	56372.31250	56357.97607	56383.75781	504827.2	5410527.4
L4825.0	0.0	0.0	27517.69922	383.69	0	48.847716	-86.934202	56346.20	56229.5	20.47	56366.67	56372.60547	56358.00890	56383.54297	504827.3	5410529.4
L4825.0	0.0	0.0	27517.80078	381.66	0	48.847716	-86.934202	56346.79	56229.5	20.47	56367.26	56373.07422	56362.21238	56387.49609	504827.3	5410529.4
L4825.0	0.0	0.0	27517.90039	381.45	0	48.847729	-86.934202	56347.22	56229.5	20.48	56367.70	56373.39453	56362.99250	56388.02344	504827.3	5410530.8
L4825.0	0.0	0.0	27518.00000	382.26	0	48.847743	-86.934202	56347.15	56229.5	20.48	56367.63	56373.20703	56352.06495	56376.84375	504827.3	5410532.4
L4825.0	0.0	0.0	27518.09961	382.19	0	48.847762	-86.934202	56347.81	56229.5	20.48	56368.29	56373.74219	56357.96258	56382.48438	504827.3	5410534.5
L4825.0	0.0	0.0	27518.19922	384.19	0	48.847777	-86.934202	56347.99	56229.5	20.49	56368.47	56373.80078	56352.84207	56377.10156	504827.3	5410536.2
L4825.0	0.0	0.0	27518.30078	384.04	0	48.847777	-86.934202	56348.47	56229.5	20.49	56368.96	56374.16406	56354.88153	56378.88281	504827.3	5410536.2
L4825.0	0.0	0.0	27518.40039	383.39	0	48.847777	-86.934202	56349.26	56229.5	20.49	56369.75	56374.82813	56363.85055	56387.58984	504827.3	5410536.2
L4825.0	0.0	0.0	27518.50000	383.15	0	48.847808	-86.934202	56349.60	56229.5	20.50	56370.09	56375.04297	56362.49085	56385.96484	504827.3	5410539.6
L4825.0	0.0	0.0	27518.59961	383.18	0	48.847808	-86.934202	56350.04	56229.5	20.50	56370.53	56375.35547	56363.45809	56386.66406	504827.3	5410539.6
L4825.0	0.0	0.0	27518.69922	383.63	0	48.847821	-86.934202	56350.23	56229.5	20.50	56370.74	56375.43359	56359.15859	56382.09766	504827.3	5410541.1
L4825.0	0.0	0.0	27518.80078	385.13	0	48.847821	-86.934202	56350.85	56229.5	20.50	56371.35	56375.91406	56364.08894	56386.75781	504827.3	5410541.1
L4825.0	0.0	0.0	27518.90039	385.27	0	48.847837	-86.934202	56351.21	56229.5	20.51	56371.71	56376.14453	56363.29212	56385.69141	504827.3	5410542.8
L4825.0	0.0	0.0	27519.00000	386.33	0	48.847852	-86.934202	56351.74	56229.5	20.51	56372.25	56376.55078	56366.66268	56388.78906	504827.3	5410544.6
L4825.0	0.0	0.0	27519.09961	384.35	0	48.847852	-86.934202	56352.18	56229.5	20.51	56372.69	56376.85938	56367.75764	56389.60938	504827.3	5410544.6
L4825.0	0.0	0.0	27519.19922	383.16	0	48.847866	-86.934203	56352.54	56229.5	20.52	56373.05	56377.08594	56367.03726	56388.61328	504827.2	5410546.1
L4825.0	0.0	0.0	27519.30078	380.50	0	48.847879	-86.934203	56353.20	56229.5	20.52	56373.72	56377.62109	56373.47581	56394.77734	504827.2	5410547.6
L4825.0	0.0	0.0	27519.40039	381.39	0	48.847898	-86.934204	56353.58	56229.5	20.53	56374.10	56377.86328	56373.26702	56394.28906	504827.2	5410549.6
L4825.0	0.0	0.0	27519.50000	382.83	0	48.847898	-86.934204	56353.96	56229.5	20.53	56374.49	56378.11719	56373.31428	56394.05859	504827.2	5410549.6
L4825.0	0.0	0.0	27519.59961	384.66	0	48.847914	-86.934204	56354.17	56229.5	20.53	56374.70	56378.19141	56369.24576	56389.71094	504827.1	5410551.4
L4825.0	0.0	0.0	27519.69922	386.75	0	48.847928	-86.934204	56354.75	56229.5	20.54	56375.29	56378.64453	56373.94774	56394.12891	504827.1	5410552.9
L4825.0	0.0	0.0	27519.80078	386.02	0	48.847928	-86.934204	56355.14	56229.5	20.54	56375.68	56378.89453	56374.07429	56393.97656	504827.1	5410552.9
L4825.0	0.0	0.0	27519.90039	387.19	0	48.847942	-86.934205	56355.72	56229.5	20.55	56376.26	56379.33594	56378.59992	56398.21875	504827.0	5410554.5
L4825.0	0.0	0.0	27520.00000	386.97	0	48.847960	-86.934205	56355.78	56229.4	20.55	56376.33	56379.26563	56371.41752	56390.75391	504827.0	5410556.5
L4825.0	0.0	0.0	27520.09961	384.92	0	48.847960	-86.934205	56356.21	56229.4	20.55	56376.76	56379.55859	56372.54677	56391.59766	504827.0	5410556.5
L4825.0	0.0	0.0	27520.19922	385.75	0	48.847978	-86.934206	56356.36	56229.4	20.55	56376.91	56379.56641	56367.26127	56386.02734	504827.0	5410558.5
L4825.0	0.0	0.0	27520.30078	384.77	0	48.847994	-86.934206	56356.74	56229.4	20.56	56377.30	56379.81641	56367.52700	56386.00781	504827.0	5410560.3
L4825.0	0.0	0.0	27520.40039	385.26	0	48.848007	-86.934206	56357.20	56229.4	20.56	56377.76	56380.13281	56369.43262	56387.62891	504826.9	5410561.8
L4825.0	0.0	0.0	27520.50000	383.53	0	48.848007	-86.934206	56357.46	56229.4	20.56	56378.02	56380.25391	56366.76572	56384.67578	504826.9	5410561.8
L4825.0	0.0	0.0	27520.59961	382.08	0	48.848019	-86.934207	56358.04	56229.4	20.56	56378.60	56380.69141	56371.49235	56389.11719	504826.9	5410563.1
L4825.0	0.0	0.0	27520.69922	381.53	0	48.848035	-86.934207	56358.25	56229.4	20.56	56378.82	56380.76563	56367.96573	56385.30469	504826.9	5410564.9
L4825.0	0.0	0.0	27520.80078	382.37	0	48.848035	-86.934207	56358.58	56229.4	20.57	56379.14	56380.94531	56366.77129	56383.82031	504826.9	5410564.9
L4825.0	0.0	0.0	27520.90039	383.51	0	48.848054	-86.934207	56358.68	56229.4	20.57	56379.25	56380.91016	56360.77619	56377.53906	504826.9	5410567.0
L4825.0	0.0	0.0	27521.00000	383.19	0	48.848071	-86.934208	56359.47	56229.4	20.57	56380.04	56381.55859	56370.46047	56386.93750	504826.8	5410568.9
L4825.0	0.0	0.0	27521.09961	383.76	0	48.848071	-86.934208	56359.63	56229.4	20.57	56380.20	56381.57422	56365.68057	56381.87109	504826.8	5410568.9
L4825.0	0.0	0.0	27521.19922	384.61	0	48.848087	-86.934208	56360.29	56229.4	20.58	56380.87	56382.10156	56372.66915	56388.57031	504826.8	5410570.6
L4825.0	0.0	0.0	27521.30078	385.14	0	48.848105	-86.934208	56360.57	56229.4	20.58	56381.16	56382.24609	56370.94714	56386.56250	504826.8	5410572.6
L4825.0	0.0	0.0	27521.40039	384.23	0	48.848117	-86.934209	56360.85	56229.4	20.59	56381.44	56382.38281	56369.02888	56384.35547	504826.8	5410574.0
L4825.0	0.0	0.0	27521.50000	383.12	0	48.848117	-86.934209	56361.16	56229.4	20.59	56381.75	56382.55078	56367.83520	56382.87500	504826.8	5410574.0
L4825.0	0.0	0.0	27521.59961	382.81	0	48.848117	-86.934209	56361.77	56229.4	20.59	56382.37	56383.02344	56373.80940	56388.56250	504826.8	5410574.0
L4825.0	0.0	0.0	27521.69922	384.52	0	48.848137	-86.934209	56362.36	56229.4	20.60	56382.95	56383.46094	56378.89803	56393.36328	504826.7	5410576.2
L4825.0	0.0	0.0	27521.80078	385.54	0	48.848153	-86.934209	56362.66	56229.4	20.60	56383.27	56383.63672	56378.03898	56392.21875	504826.7	5410578.0
L4825.0	0.0	0.0	27521.90039	384.51	0	48.848166	-86.934210	56363.10	56229.4	20.61	56383.70	56383.92578	56379.74635	56393.63672	504826.7	5410579.5
L4825.0	0.0	0.0	27522.00000	384.11	0	48.848180	-86.934210	56363.38	56229.4	20.61	56383.99	56384.07031	56378.26760	56391.87500	504826.6	5410581.0
L4825.0	0.0	0.0	27522.09961	383.69	0	48.848180	-86.934210	56363.79	56229.4	20.61	56384.40	56384.33594	56379.58552	56392.90625	504826.6	5410581.0
L4825.0	0.0	0.0	27522.19922	383.55	0	48.848200	-86.934211	56364.07	56229.4	20.61	56384.68	56384.47266	56377.94741	56390.98047	504826.6	5410583.2
L4825.0	0.0	0.0	27522.30078	384.02	0	48.848200	-86.934211	56364.48	56229.4	20.61	56385.09	56384.74219	56379.33590	56392.08203	504826.6	5410583.2
L4825.0	0.0	0.0	27522.40039	383.29	0	48.848214	-86.934211	56364.81	56229.4	20.61	56385.42	56384.92969	56378.91854	56391.38281	504826.6	5410584.7
L4825.0	0.0	0.0	27522.50000	385.20	0	48.848231	-86.934212	56364.96	56229.4	20.62	56385.58	56384.94531	56374.62404	56386.80078	504826.5	5410586.6
L4825.0	0.0	0.0	27522.59961	386.81	0	48.848241	-86.934212	56365.32	56229.4	20.62	56385.94	56385.16406	56374.96592	56386.85938	504826.5	5410587.8
L4825.0	0.0	0.0	27522.69922	388.08	0	48.848241	-86.934212	56365.73	56229.4	20.62	56386.34	56385.42188	56376.26195	56387.87109	504826.5	5410587.8
L4825.0	0.0	0.0	27522.80078	387.57	0	48.848258	-86.934213	56366.32	56229.4	20.62	56386.93	56385.87109	56381.96308	56393.28906	504826.4	5410589.7
L4825.0	0.0	0.0	27522.90039	387.92	0	48.848273	-86.934213	56366.57	56229.4	20.62	56387.19	56385.98828	56380.10298	56391.14453	504826.4	5410591.4
L4825.0	0.0	0.0	27523.00000	386.10	0	48.848289	-86.934214	56367.08	56229.4	20.62	56387.70	56386.35938	56384.02693	56394.78516	504826.4	5410593.1
L4825.0	0.0	0.0	27523.09961	384.46	0	48.848289	-86.934214	56367.23	56229.4	20.62	56387.85	56386.36719	56379.69740	56390.17188	504826.4	5410593.1
L4825.0	0.0	0.0	27523.19922	384.50	0	48.848305	-86.934214	56367.77	56229.4	20.63	56388.39	56386.76953	56384.37123	56394.56641	504826.3	5410594.8
L4825.0	0.0	0.0	27523.30078	384.38	0	48.848305	-86.934214	56367.95	56229.4	20.63	56388.58	56386.82031	56381.01918	56390.92969	504826.3	5410594.8
L4825.0	0.0	0.0	27523.40039	382.49	0	48.848321	-86.934214	56368.25	56229.4	20.64	56388.88	56386.98047	56380.22471	56389.85156	504826.3	5410596.7
L4825.0	0.0	0.0	27523.50000	381.33	0	48.848334	-86.934214	56368.61	56229.4	20.64	56389.25	56387.21094	56381.06578	56390.41406	504826.3	5410598.1
L4825.0	0.0	0.0	27523.59961	380.52	0	48.848350	-86.934215	56368.96	56229.4	20.64	56389.61	56387.43359	56381.69975	56390.76563	504826.3	5410599.9
L4825.0	0.0	0.0	27523.69922	380.37	0	48.848350	-86.934215	56369.38	56229.4	20.65	56390.03	56387.71875	56383.73545	56392.51953	504826.3	5410599.9
L4825.0	0.0	0.0	27523.80078	382.30	0	48.848363	-86.934215	56369.68	56229.3	20.65	56390.33	56387.87891	56383.02883	56391.53125	504826.3	5410601.4
L4825.0	0.0	0.0	27523.90039	384.04	0	48.848379	-86.934215	56370.20	56229.3	20.66	56390.85	56388.26563	56387.40128	56395.62500	504826.3	5410603.1
L4825.0	0.0	0.0	27524.00000	383.67	0	48.848379	-86.934215	56370.50	56229.3	20.66	56391.16	56388.44141	56386.95574	56394.89844	504826.3	5410603.1
L4825.0	0.0	0.0	27524.09961	384.43	0	48.848395	-86.934215	56370.93	56229.3	20.66	56391.59	56388.73438	56389.28315	56396.94531	504826.3	5410604.9
L4825.0	0.0	0.0	27524.19922	386.64	0	48.848410	-86.934215	56371.12	56229.3	20.66	56391.78	56388.79297	56386.09685	56393.47656	504826.3	5410606.5
L4825.0	0.0	0.0	27524.30078	388.63	0	48.848410	-86.934215	56371.65	56229.3	20.66	56392.31	56389.18750	56390.74009	56397.83984	504826.3	5410606.5
L4825.0	0.0	0.0	27524.40039	387.91	0	48.848429	-86.934215	56372.00	56229.3	20.66	56392.66	56389.40625	56391.24417	56398.06250	504826.2	5410608.7
L4825.0	0.0	0.0	27524.50000	388.34	0	48.848444	-86.934215	56372.13	56229.3	20.65	56392.79	56389.40234	56386.68534	56393.22656	504826.2	5410610.3
L4825.0	0.0	0.0	27524.59961	388.05	0	48.848444	-86.934215	56372.67	56229.3	20.65	56393.32	56389.80469	56391.32673	56397.58594	504826.2	5410610.3
L4825.0	0.0	0.0	27524.69922	388.12	0	48.848455	-86.934216	56372.67	56229.3	20.65	56393.33	56389.68359	56383.99484	56389.97266	504826.2	5410611.6
L4825.0	0.0	0.0	27524.80078	386.82	0	48.848469	-86.934216	56373.23	56229.3	20.65	56393.88	56390.10547	56389.07713	56394.77344	504826.2	5410613.1
L4825.0	0.0	0.0	27524.90039	385.91	0	48.848481	-86.934216	56373.43	56229.3	20.65	56394.08	56390.17578	56386.09008	56391.50781	504826.2	5410614.4
L4825.0	0.0	0.0	27525.00000	384.36	0	48.848481	-86.934216	56373.79	56229.3	20.65	56394.44	56390.40625	56386.76493	56391.90234	504826.2	5410614.4
L4825.0	0.0	0.0	27525.09961	382.23	0	48.848497	-86.934216	56374.13	56229.3	20.65	56394.78	56390.62109	56386.95540	56391.80859	504826.2	5410616.3
L4825.0	0.0	0.0	27525.19922	382.16	0	48.848516	-86.934216	56374.40	56229.3	20.66	56395.06	56390.77344	56385.73651	56390.30859	504826.2	5410618.3
L4825.0	0.0	0.0	27525.30078	381.66	0	48.848530	-86.934216	56374.96	56229.3	20.66	56395.62	56391.20703	56390.92722	56395.21875	504826.2	5410619.9
L4825.0	0.0	0.0	27525.40039	382.35	0	48.848543	-86.934216	56375.02	56229.3	20.67	56395.68	56391.14453	56384.57431	56388.58203	504826.2	5410621.3
L4825.0	0.0	0.0	27525.50000	382.32	0	48.848543	-86.934216	56375.63	56229.3	20.67	56396.30	56391.64063	56391.06413	56394.78906	504826.2	5410621.3
L4825.0	0.0	0.0	27525.59961	383.03	0	48.848557	-86.934216	56375.75	56229.3	20.67	56396.43	56391.64844	56386.23029	56389.67188	504826.2	5410622.9
L4825.0	0.0	0.0	27525.69922	383.71	0	48.848557	-86.934216	56376.22	56229.3	20.68	56396.90	56391.99609	56389.16635	56392.32422	504826.2	5410622.9

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4825.0	0.0	0.0	27525.80078	384.20	0	48.848573	-86.934216	56376.16	56229.3	20.68	56396.85	56391.82422	56380.07771	56382.94922	504826.2	5410624.7
L4825.0	0.0	0.0	27525.90039	384.41	0	48.848587	-86.934216	56376.70	56229.3	20.69	56397.39	56392.24219	56384.50067	56387.08594	504826.2	5410626.2
L4825.0	0.0	0.0	27526.00000	384.34	0	48.848600	-86.934215	56376.81	56229.3	20.69	56397.50	56392.23438	56378.95865	56381.25781	504826.2	5410627.7
L4825.0	0.0	0.0	27526.09961	384.45	0	48.848600	-86.934215	56377.24	56229.3	20.69	56397.93	56392.54297	56380.70389	56382.71875	504826.2	5410627.7
L4825.0	0.0	0.0	27526.19922	382.77	0	48.848616	-86.934215	56377.29	56229.3	20.69	56397.98	56392.47656	56373.62301	56375.34766	504826.2	5410629.4
L4825.0	0.0	0.0	27526.30078	381.19	0	48.848629	-86.934215	56377.75	56229.3	20.70	56398.44	56392.82031	56375.88849	56377.32422	504826.2	5410630.9
L4825.0	0.0	0.0	27526.40039	380.35	0	48.848629	-86.934215	56378.06	56229.3	20.70	56398.75	56393.01563	56374.60829	56375.75391	504826.2	5410630.9
L4825.0	0.0	0.0	27526.50000	381.92	0	48.848648	-86.934215	56378.59	56229.3	20.70	56399.29	56393.43750	56378.52035	56379.37500	504826.3	5410633.0
L4825.0	0.0	0.0	27526.59961	382.02	0	48.848664	-86.934214	56378.71	56229.3	20.70	56399.42	56393.45313	56372.89163	56373.45703	504826.3	5410634.8
L4825.0	0.0	0.0	27526.69922	384.12	0	48.848664	-86.934214	56379.13	56229.3	20.70	56399.83	56393.75000	56373.59330	56373.86328	504826.3	5410634.8
L4825.0	0.0	0.0	27526.80078	384.37	0	48.848677	-86.934214	56379.66	56229.3	20.71	56400.37	56394.17578	56377.16750	56377.14453	504826.3	5410636.3
L4825.0	0.0	0.0	27526.90039	385.57	0	48.848692	-86.934214	56380.09	56229.3	20.71	56400.80	56394.49609	56378.08537	56377.76563	504826.3	5410637.9
L4825.0	0.0	0.0	27527.00000	386.80	0	48.848692	-86.934214	56380.48	56229.3	20.71	56401.19	56394.77344	56377.95138	56377.33203	504826.3	5410637.9
L4825.0	0.0	0.0	27527.09961	386.29	0	48.848712	-86.934214	56380.88	56229.3	20.71	56401.59	56395.06250	56377.90978	56376.99219	504826.3	5410640.2
L4825.0	0.0	0.0	27527.19922	387.14	0	48.848723	-86.934213	56380.98	56229.3	20.71	56401.70	56395.06641	56371.05112	56369.83594	504826.4	5410641.3
L4825.0	0.0	0.0	27527.30078	387.54	0	48.848732	-86.934213	56381.66	56229.3	20.71	56402.37	56395.62500	56376.92825	56375.41016	504826.4	5410642.4
L4825.0	0.0	0.0	27527.40039	387.55	0	48.848732	-86.934213	56381.98	56229.3	20.71	56402.69	56395.83984	56374.59529	56372.77344	504826.4	5410642.4
L4825.0	0.0	0.0	27527.50000	388.69	0	48.848747	-86.934213	56382.29	56229.3	20.72	56403.00	56396.03906	56371.86977	56369.74219	504826.4	5410644.1
L4825.0	0.0	0.0	27527.59961	388.33	0	48.848760	-86.934213	56382.72	56229.3	20.72	56403.44	56396.37500	56371.96715	56369.53125	504826.4	5410645.5
L4825.0	0.0	0.0	27527.69922	386.71	0	48.848775	-86.934213	56383.21	56229.3	20.72	56403.92	56396.75000	56372.81056	56370.06641	504826.4	5410647.2
L4825.0	0.0	0.0	27527.80078	385.64	0	48.848775	-86.934213	56383.79	56229.3	20.72	56404.51	56397.23438	56376.00493	56372.94922	504826.4	5410647.2
L4825.0	0.0	0.0	27527.90039	385.35	0	48.848790	-86.934213	56383.90	56229.3	20.72	56404.62	56397.23828	56367.96828	56364.59766	504826.4	5410648.8
L4825.0	0.0	0.0	27528.00000	386.44	0	48.848790	-86.934213	56384.66	56229.3	20.72	56405.38	56397.89844	56374.69715	56371.01172	504826.4	5410648.8
L4825.0	0.0	0.0	27528.09961	385.65	0	48.848816	-86.934213	56384.94	56229.3	20.72	56405.66	56398.07422	56370.18409	56366.18359	504826.4	5410651.7
L4825.0	0.0	0.0	27528.19922	384.23	0	48.848816	-86.934213	56385.53	56229.3	20.73	56406.26	56398.57422	56372.83246	56368.51172	504826.4	5410651.7
L4825.0	0.0	0.0	27528.30078	384.10	0	48.848832	-86.934213	56385.91	56229.3	20.73	56406.64	56398.85156	56370.21148	56365.57031	504826.4	5410653.5
L4825.0	0.0	0.0	27528.40039	385.31	0	48.848845	-86.934213	56386.42	56229.3	20.73	56407.15	56399.26172	56370.37011	56365.40234	504826.3	5410654.9
L4825.0	0.0	0.0	27528.50000	387.19	0	48.848845	-86.934213	56386.96	56229.3	20.74	56407.69	56399.69922	56371.00271	56365.71094	504826.3	5410654.9
L4825.0	0.0	0.0	27528.59961	386.76	0	48.848859	-86.934213	56387.60	56229.3	20.74	56408.34	56400.25000	56373.94581	56368.32422	504826.3	5410656.5
L4825.0	0.0	0.0	27528.69922	387.87	0	48.848873	-86.934213	56388.11	56229.3	20.74	56408.85	56400.66406	56373.44269	56367.48828	504826.3	5410658.1
L4825.0	0.0	0.0	27528.80078	386.09	0	48.848873	-86.934213	56388.82	56229.3	20.74	56409.57	56401.28516	56377.54329	56371.25391	504826.3	5410658.1
L4825.0	0.0	0.0	27528.90039	387.13	0	48.848888	-86.934213	56389.28	56229.3	20.75	56410.02	56401.63672	56375.19897	56368.57422	504826.3	5410659.6
L4825.0	0.0	0.0	27529.00000	384.86	0	48.848901	-86.934213	56389.62	56229.3	20.75	56410.37	56401.89063	56370.31837	56363.35156	504826.3	5410661.2
L4825.0	0.0	0.0	27529.09961	383.91	0	48.848901	-86.934213	56390.10	56229.3	20.75	56410.85	56402.27734	56368.19105	56360.88281	504826.3	5410661.2
L4825.0	0.0	0.0	27529.19922	382.16	0	48.848913	-86.934213	56390.56	56229.3	20.75	56411.31	56402.64063	56365.36288	56357.71094	504826.3	5410662.5
L4825.0	0.0	0.0	27529.30078	382.17	0	48.848929	-86.934213	56391.14	56229.3	20.75	56411.89	56403.12500	56365.05313	56357.05078	504826.3	5410664.2
L4825.0	0.0	0.0	27529.40039	383.64	0	48.848929	-86.934213	56391.84	56229.3	20.75	56412.59	56403.73047	56367.25996	56358.90625	504826.3	5410664.2
L4825.0	0.0	0.0	27529.50000	383.32	0	48.848942	-86.934213	56392.75	56229.3	20.75	56413.50	56404.54688	56374.05287	56365.34766	504826.3	5410665.7
L4825.0	0.0	0.0	27529.59961	386.88	0	48.848942	-86.934213	56393.29	56229.3	20.75	56414.04	56404.99219	56372.08456	56363.01953	504826.3	5410665.7
L4825.0	0.0	0.0	27529.59961	386.88	0	48.848954	-86.934213	56394.00	56229.3	20.75	56414.75	56405.60938	56373.78010	56364.35547	504826.3	5410667.1
L4825.0	0.0	0.0	27529.69922	386.73	0	48.848968	-86.934213	56394.80	56229.3	20.75	56415.55	56406.32031	56377.29834	56367.51172	504826.3	5410668.6
L4825.0	0.0	0.0	27529.80078	386.56	0	48.848978	-86.934214	56395.56	56229.3	20.75	56416.31	56406.98828	56379.64801	56369.49219	504826.3	5410669.7
L4825.0	0.0	0.0	27530.00000	385.96	0	48.848978	-86.934214	56396.33	56229.3	20.75	56417.08	56407.66406	56381.98018	56371.45703	504826.3	5410669.7
L4825.0	0.0	0.0	27530.09961	384.67	0	48.848991	-86.934214	56397.06	56229.2	20.75	56417.82	56408.31250	56383.37540	56372.47656	504826.3	5410671.1
L4825.0	0.0	0.0	27530.19922	385.26	0	48.849006	-86.934214	56397.96	56229.2	20.75	56418.71	56409.11328	56387.97699	56376.70313	504826.3	5410672.8
L4825.0	0.0	0.0	27530.30078	383.24	0	48.849016	-86.934214	56398.29	56229.2	20.76	56419.04	56409.35156	56379.44922	56367.79688	504826.3	5410673.9
L4825.0	0.0	0.0	27530.40039	381.55	0	48.849016	-86.934214	56399.29	56229.2	20.76	56420.04	56410.26172	56386.09754	56374.05859	504826.3	5410673.9
L4825.0	0.0	0.0	27530.50000	380.08	0	48.849025	-86.934214	56399.75	56229.2	20.76	56420.51	56410.64453	56380.31187	56367.88672	504826.3	5410674.9
L4825.0	0.0	0.0	27530.59961	379.90	0	48.849036	-86.934214	56400.69	56229.2	20.76	56421.45	56411.49219	56385.10611	56372.29297	504826.3	5410676.2
L4825.0	0.0	0.0	27530.69922	381.95	0	48.849036	-86.934214	56401.33	56229.2	20.76	56422.09	56412.04688	56382.76570	56369.55859	504826.3	5410676.2
L4825.0	0.0	0.0	27530.80078	382.66	0	48.849047	-86.934214	56402.32	56229.2	20.77	56423.09	56412.95703	56388.48183	56374.87500	504826.3	5410677.3
L4825.0	0.0	0.0	27530.90039	381.46	0	48.849060	-86.934214	56403.39	56229.2	20.77	56424.16	56413.93750	56395.58597	56381.58203	504826.3	5410678.8
L4825.0	0.0	0.0	27531.00000	381.31	0	48.849060	-86.934214	56403.90	56229.2	20.77	56424.67	56414.35938	56389.58646	56375.17578	504826.3	5410678.8
L4825.0	0.0	0.0	27531.09961	382.52	0	48.849072	-86.934214	56404.90	56229.2	20.77	56425.67	56415.27344	56394.65002	56379.83203	504826.3	5410680.1
L4825.0	0.0	0.0	27531.19922	383.98	0	48.849081	-86.934214	56405.72	56229.2	20.77	56426.49	56416.00391	56395.36546	56380.13672	504826.3	5410681.1
L4825.0	0.0	0.0	27531.30078	384.08	0	48.849089	-86.934214	56406.86	56229.2	20.78	56427.64	56417.06641	56403.47465	56387.82813	504826.3	5410682.0
L4825.0	0.0	0.0	27531.40039	383.28	0	48.849098	-86.934214	56407.61	56229.2	20.78	56428.39	56417.73047	56402.18663	56386.12500	504826.3	5410683.1
L4825.0	0.0	0.0	27531.50000	384.23	0	48.849098	-86.934214	56408.45	56229.2	20.78	56429.22	56418.47266	56402.55386	56386.06641	504826.3	5410683.1
L4825.0	0.0	0.0	27531.59961	381.89	0	48.849111	-86.934214	56409.44	56229.2	20.78	56430.22	56419.38672	56406.65503	56389.74219	504826.2	5410684.5
L4825.0	0.0	0.0	27531.69922	381.47	0	48.849111	-86.934214	56410.44	56229.2	20.78	56431.22	56420.29688	56410.58648	56393.24609	504826.2	5410684.5
L4825.0	0.0	0.0	27531.80078	380.85	0	48.849122	-86.934215	56411.25	56229.2	20.79	56432.04	56421.03125	56410.21487	56392.43750	504826.2	5410685.7
L4825.0	0.0	0.0	27531.90039	380.81	0	48.849131	-86.934215	56412.13	56229.2	20.79	56432.91	56421.81641	56410.84163	56392.62891	504826.2	5410686.7
L4825.0	0.0	0.0	27532.00000	382.13	0	48.849138	-86.934215	56413.17	56229.2	20.79	56433.96	56422.77734	56415.46754	56396.81250	504826.2	5410687.5
L4825.0	0.0	0.0	27532.09961	383.88	0	48.849151	-86.934215	56414.06	56229.2	20.79	56434.85	56423.58203	56416.27871	56397.17969	504826.2	5410688.9
L4825.0	0.0	0.0	27532.19922	386.97	0	48.849151	-86.934215	56415.04	56229.2	20.79	56435.83	56424.47656	56419.03795	56399.49219	504826.2	5410688.9
L4825.0	0.0	0.0	27532.30078	386.77	0	48.849158	-86.934215	56415.82	56229.2	20.79	56436.62	56425.17969	56417.31274	56397.31250	504826.2	5410689.7
L4825.0	0.0	0.0	27532.40039	385.97	0	48.849168	-86.934215	56416.84	56229.2	20.79	56437.64	56426.11328	56420.77838	56400.32422	504826.2	5410690.8
L4825.0	0.0	0.0	27532.50000	385.98	0	48.849178	-86.934216	56417.64	56229.2	20.80	56438.43	56426.81641	56418.86109	56397.94922	504826.1	5410691.9
L4825.0	0.0	0.0	27532.59961	385.68	0	48.849178	-86.934216	56418.71	56229.2	20.80	56439.50	56427.80078	56423.30777	56401.93359	504826.1	5410691.9
L4825.0	0.0	0.0	27532.69922	386.55	0	48.849186	-86.934216	56419.73	56229.2	20.80	56440.52	56428.73438	56426.53661	56404.69531	504826.1	5410692.8
L4825.0	0.0	0.0	27532.80078	386.22	0	48.849196	-86.934216	56420.72	56229.2	20.80	56441.52	56429.64844	56429.24992	56406.93750	504826.1	5410694.0
L4825.0	0.0	0.0	27532.90039	386.99	0	48.849196	-86.934216	56422.02	56229.2	20.80	56442.82	56430.86328	56438.82337	56416.03516	504826.1	5410694.0
L4825.0	0.0	0.0	27533.00000	385.24	0	48.849206	-86.934217	56423.10	56229.2	20.80	56443.90	56431.85547	56443.30386	56420.03906	504826.1	5410695.1
L4825.0	0.0	0.0	27533.09961	382.97	0	48.849206	-86.934217	56423.91	56229.2	20.80	56444.71	56432.58203	56441.55352	56417.80859	504826.1	5410695.1
L4825.0	0.0	0.0	27533.19922	382.50	0	48.849215	-86.934217	56424.70	56229.2	20.80	56445.51	56433.29297	56439.56800	56415.33984	504826.0	5410696.1
L4825.0	0.0	0.0	27533.30078	383.51	0	48.849225	-86.934217	56425.72	56229.2	20.80	56446.53	56434.22656	56442.65276	56417.93359	504826.0	5410697.1
L4825.0	0.0	0.0	27533.40039	384.75	0	48.849232	-86.934218	56426.62	56229.2	20.80	56447.43	56435.04297	56442.99733	56417.78906	504826.0	5410698.0
L4825.0	0.0	0.0	27533.50000	385.63	0	48.849232	-86.934218	56427.36	56229.2	20.81	56448.16	56435.68359	56439.46444	56413.76172	504826.0	5410698.0
L4825.0	0.0	0.0	27533.59961	387.28	0	48.849241	-86.934218	56428.84	56229.2	20.81	56449.65	56437.08984	56453.46741	56427.26563	504826.0	5410698.9
L4825.0	0.0	0.0	27533.69922	387.12	0	48.849241	-86.934218	56429.86	56229.2	20.81	56450.67	56438.02344	56456.71649	56430.01172	504826.0	5410698.9
L4825.0	0.0	0.0	27533.80078	387.20	0	48.849250	-86.934218	56431.08	56229.2	20.81	56451.89	56439.15625	56464.64233	56437.43359	504826.0	5410699.9
L4825.0	0.0	0.0	27533.90039	387.90	0	48.849256	-86.934218	56431.88	56229.2	20.81	56452.69	56439.86719	56462.99179	56435.27344	504825.9	5410700.6
L4825.0	0.0	0.0	27534.00000	387.58	0	48.849263	-86.934219	56433.05	56229.2	20.81	56453.86	56440.95313	56469.95681	56441.73047	504825.9	5410701.4
L4825.0	0.0	0.0	27534.09961	386.17	0	48.849263	-86.934219	56433.92	56229.2	20.81	56454.73	56441.73438	56470.13368	56441.39063	504825.9	5410701.4
L4825.0	0.0	0.0	27534.19922	383.06	0	48.849269	-86.934219	56434.91	56229.2	20.81	56455.72	56442.63672	56473.20028	56443.94141	504825.9	5410702.1
L4825.0	0.0	0.0	27534.30078	382.15	0	48.849274	-86.934219	56435.96	56229.2	20.80	56456.76	56443.58984	56477.55919	56447.77734	504825.9	5410702.6
L4825.0	0.0	0.0	27534.40039	379.66	0	48.849283	-86.934219	56436.72	56229.2	20.80	56457.52	56444.26172	56475.63009	56445.32422	504825.9	5410703.6
L4825.0	0.0	0.0	27534.50000	380.02	0	48.849283	-86.934219	56437.80	56229.2	20.80	56458.60	56445.25391	56481.23250	56450.40234	504825.9	5410703.6
L4825.0	0.0	0.0	27534.59961	382.45	0	48.849290	-86.934219	56438.69	56229.2	20.80	56459.49	56446.05859	56482.64388	56451.28516	504825.9	5410704.4
L4825.0	0.0	0.0	27534.69922	382.20	0	48.849296	-86.934219	56439.51	56229.2	20.80	56460.30	56446.78125	56482.40818	56450.51563	504825.9	5410705.1
L4825.0	0.0	0.0	27534.80078	382.72	0	48.849296	-86.934219	56440.56	56229.2	20.79	56461.35	56447.74219	56487.90138	56455.47266	504825.9	5410705.1
L4825.0	0.0	0.0	27534.90039	382.76	0	48.849303	-86.934219	56441.24	56229.2	20.79	56462.03	56448.33594	56485.09929	56452.13281	504825.9	5410705.8
L4825.0	0.0	0.0	27535.00000	384.12	0	48.849309	-86.934218	56442.16	56229.2	20.79	56462.95	56449.16797	56488.05051	56454.54297	504825.9	5410706.5

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4825.0	0.0	0.0	27535.09961	385.37	0	48.849314	-86.934218	56443.21	56229.2	20.79	56464.00	56450.12891	56494.23572	56460.18750	504826.0	5410707.1
L4825.0	0.0	0.0	27535.19922	383.90	0	48.849314	-86.934218	56443.97	56229.2	20.79	56464.76	56450.80078	56494.00193	56459.40625	504826.0	5410707.1
L4825.0	0.0	0.0	27535.30078	383.27	0	48.849321	-86.934218	56444.99	56229.2	20.79	56465.78	56451.73047	56500.01627	56464.87500	504826.0	5410707.8
L4825.0	0.0	0.0	27535.40039	383.55	0	48.849327	-86.934217	56446.12	56229.2	20.79	56466.91	56452.77344	56508.83804	56473.14453	504826.0	5410708.5
L4825.0	0.0	0.0	27535.50000	383.29	0	48.849331	-86.934217	56446.96	56229.2	20.79	56467.75	56453.52344	56511.27349	56475.02734	504826.0	5410709.0
L4825.0	0.0	0.0	27535.59961	384.54	0	48.849337	-86.934217	56447.83	56229.2	20.79	56468.62	56454.30469	56514.69625	56477.89453	504826.0	5410709.6
L4825.0	0.0	0.0	27535.69922	383.89	0	48.849337	-86.934217	56448.64	56229.2	20.79	56469.43	56455.02344	56517.04515	56479.68750	504826.0	5410709.6
L4825.0	0.0	0.0	27535.80078	385.73	0	48.849342	-86.934216	56449.51	56229.2	20.79	56470.30	56455.80469	56521.09087	56483.17578	504826.1	5410710.1
L4825.0	0.0	0.0	27535.90039	386.27	0	48.849347	-86.934216	56450.15	56229.2	20.79	56470.94	56456.35547	56520.16932	56481.69141	504826.1	5410710.7
L4825.0	0.0	0.0	27536.00000	385.41	0	48.849347	-86.934216	56450.99	56229.2	20.79	56471.78	56457.10547	56524.18365	56485.14453	504826.1	5410710.7
L4825.0	0.0	0.0	27536.09961	386.83	0	48.849352	-86.934216	56451.81	56229.2	20.79	56472.60	56457.83594	56528.07962	56488.47656	504826.1	5410711.2
L4825.0	0.0	0.0	27536.19922	389.75	0	48.849356	-86.934215	56452.57	56229.2	20.80	56473.37	56458.51953	56531.17458	56491.00391	504826.1	5410711.7
L4825.0	0.0	0.0	27536.30078	390.10	0	48.849356	-86.934215	56453.44	56229.2	20.80	56474.24	56459.29688	56536.92734	56496.18750	504826.1	5410711.7
L4825.0	0.0	0.0	27536.40039	392.00	0	48.849362	-86.934215	56454.11	56229.2	20.80	56474.91	56459.87891	56538.44140	56497.13281	504826.2	5410712.4
L4825.0	0.0	0.0	27536.50000	391.96	0	48.849362	-86.934215	56454.64	56229.2	20.81	56475.45	56460.32813	56537.33377	56495.45703	504826.2	5410712.4
L4825.0	0.0	0.0	27536.59961	392.50	0	48.849366	-86.934215	56454.95	56229.2	20.81	56475.75	56460.53906	56531.07902	56488.62891	504826.2	5410712.8
L4825.0	0.0	0.0	27536.69922	391.33	0	48.849370	-86.934215	56455.69	56229.2	20.81	56476.50	56461.19922	56535.55978	56492.53516	504826.2	5410713.3
L4825.0	0.0	0.0	27536.80078	389.96	0	48.849374	-86.934214	56456.12	56229.2	20.81	56476.93	56461.53906	56533.06257	56489.46094	504826.2	5410713.7
L4825.0	0.0	0.0	27536.90039	388.16	0	48.849374	-86.934214	56456.68	56229.2	20.82	56477.50	56462.01563	56534.17655	56490.00000	504826.2	5410713.7
L4825.0	0.0	0.0	27537.00000	387.68	0	48.849377	-86.934214	56457.24	56229.2	20.82	56478.06	56462.48828	56535.45386	56490.70313	504826.2	5410714.1
L4825.0	0.0	0.0	27537.09961	387.48	0	48.849381	-86.934214	56457.73	56229.2	20.82	56478.55	56462.88672	56535.51708	56490.18750	504826.3	5410714.5
L4825.0	0.0	0.0	27537.19922	386.25	0	48.849381	-86.934214	56458.34	56229.2	20.82	56479.16	56463.40625	56538.74096	56492.83203	504826.3	5410714.5
L4825.0	0.0	0.0	27537.30078	385.58	0	48.849384	-86.934213	56458.83	56229.2	20.82	56479.65	56463.80469	56539.60515	56493.11719	504826.3	5410714.9
L4825.0	0.0	0.0	27537.40039	385.24	0	48.849387	-86.934213	56459.34	56229.2	20.82	56480.16	56464.22266	56541.33284	56494.26563	504826.3	5410715.2
L4825.0	0.0	0.0	27537.50000	385.84	0	48.849387	-86.934213	56459.67	56229.2	20.82	56480.49	56464.46484	56539.32308	56491.67578	504826.3	5410715.2
L4825.0	0.0	0.0	27537.59961	386.19	0	48.849389	-86.934212	56459.95	56229.2	20.82	56480.76	56464.64453	56536.33787	56488.10938	504826.4	5410715.4
L4825.0	0.0	0.0	27537.69922	385.79	0	48.849391	-86.934212	56460.36	56229.2	20.82	56481.18	56464.97266	56537.20965	56488.39844	504826.4	5410715.6
L4825.0	0.0	0.0	27537.80078	384.94	0	48.849393	-86.934212	56460.99	56229.2	20.82	56481.81	56465.51172	56543.31879	56493.92578	504826.4	5410715.8
L4825.0	0.0	0.0	27537.90039	386.59	0	48.849393	-86.934212	56461.28	56229.2	20.82	56482.10	56465.71094	56542.00865	56492.03516	504826.4	5410715.8
L4830.0	504828.5	5407646.3	7629.50000	262.42	72.53	48.821780	-86.934220	56062.67	56241.5	8.47	56071.14	56074.34766	56073.77132	56076.20703	504828.5	5407646.3
L4830.0	504828.5	5407646.5	7629.60010	261.44	71.65	48.821782	-86.934220	56062.88	56241.5	8.47	56071.35	56074.50391	56073.88444	56076.28125	504828.5	5407646.5
L4830.0	504828.5	5407646.7	7629.70020	260.28	71.33	48.821783	-86.934220	56062.62	56241.5	8.47	56071.09	56074.18750	56073.97319	56076.33203	504828.5	5407646.7
L4830.0	504828.5	5407646.9	7629.79981	260.20	71.33	48.821785	-86.934220	56063.58	56241.5	8.47	56072.05	56075.09766	56074.12041	56076.44141	504828.5	5407646.9
L4830.0	504828.5	5407646.9	7629.89990	259.69	71.22	48.821785	-86.934220	56062.82	56241.5	8.47	56071.29	56074.28125	56074.19346	56076.47656	504828.5	5407646.9
L4830.0	504828.5	5407647.2	7630.00000	259.64	71.22	48.821788	-86.934220	56063.08	56241.5	8.47	56071.55	56074.48828	56074.30887	56076.55078	504828.5	5407647.2
L4830.0	504828.5	5407647.5	7630.10010	259.05	70.92	48.821791	-86.934220	56062.70	56241.5	8.47	56071.17	56074.05469	56074.40674	56076.61328	504828.5	5407647.5
L4830.0	504828.5	5407647.8	7630.20020	259.47	70.92	48.821793	-86.934220	56062.80	56241.5	8.47	56071.27	56074.10156	56074.51909	56076.68359	504828.5	5407647.8
L4830.0	504828.5	5407647.8	7630.29981	259.78	71.01	48.821793	-86.934220	56063.23	56241.5	8.47	56071.70	56074.48047	56074.63590	56076.76563	504828.5	5407647.8
L4830.0	504828.5	5407648.0	7630.39990	259.93	71.04	48.821795	-86.934220	56063.43	56241.5	8.47	56071.90	56074.62500	56074.74723	56076.83594	504828.5	5407648.0
L4830.0	504828.5	5407648.4	7630.50000	259.54	71.04	48.821799	-86.934220	56063.93	56241.5	8.48	56072.41	56075.08203	56074.85945	56076.91016	504828.5	5407648.4
L4830.0	504828.5	5407648.4	7630.60010	258.31	71.19	48.821799	-86.934220	56064.32	56241.5	8.48	56072.80	56075.42188	56074.96856	56076.98438	504828.5	5407648.4
L4830.0	504828.5	5407648.7	7630.70020	259.86	71.19	48.821801	-86.934219	56064.52	56241.5	8.48	56072.99	56075.55859	56075.07635	56077.05469	504828.5	5407648.7
L4830.0	504828.5	5407649.1	7630.79981	260.32	71.23	48.821805	-86.934219	56064.84	56241.5	8.48	56073.32	56075.83594	56075.18359	56077.12109	504828.5	5407649.1
L4830.0	504828.5	5407649.1	7630.89990	261.59	71.23	48.821805	-86.934219	56064.98	56241.5	8.48	56073.46	56075.92578	56075.29135	56077.19141	504828.5	5407649.1
L4830.0	504828.6	5407649.8	7631.00000	260.80	71.35	48.821812	-86.934218	56065.45	56241.5	8.48	56073.93	56076.34375	56075.39719	56077.26172	504828.6	5407649.8
L4830.0	504828.6	5407649.8	7631.10010	259.91	71.35	48.821812	-86.934218	56065.20	56241.5	8.48	56073.68	56076.04297	56075.50915	56077.33594	504828.6	5407649.8
L4830.0	504828.6	5407650.3	7631.20020	259.45	68.87	48.821816	-86.934218	56065.38	56241.5	8.48	56073.86	56076.17188	56075.61873	56077.41016	504828.6	5407650.3
L4830.0	504828.7	5407650.7	7631.29981	261.31	72.07	48.821819	-86.934217	56065.38	56241.5	8.49	56073.87	56076.13281	56075.73118	56077.48438	504828.7	5407650.7
L4830.0	504828.7	5407651.1	7631.39990	262.27	72.07	48.821823	-86.934217	56065.84	56241.5	8.49	56074.32	56076.53125	56075.83933	56077.55859	504828.7	5407651.1
L4830.0	504828.7	5407651.1	7631.50000	261.39	71.99	48.821823	-86.934217	56065.71	56241.5	8.49	56074.20	56076.36328	56075.95575	56077.63672	504828.7	5407651.1
L4830.0	504828.7	5407651.7	7631.60010	260.29	71.99	48.821829	-86.934217	56066.04	56241.5	8.49	56074.53	56076.64453	56076.06706	56077.71484	504828.7	5407651.7
L4830.0	504828.7	5407651.7	7631.70020	259.97	72.61	48.821829	-86.934217	56066.12	56241.5	8.49	56074.61	56076.67578	56076.18310	56077.79297	504828.7	5407651.7
L4830.0	504828.7	5407652.1	7631.79981	259.25	72.61	48.821832	-86.934216	56066.04	56241.5	8.50	56074.53	56076.54688	56076.30311	56077.87891	504828.7	5407652.1
L4830.0	504828.7	5407652.6	7631.89990	259.23	72.09	48.821837	-86.934216	56066.34	56241.5	8.50	56074.84	56076.80859	56076.41747	56077.95703	504828.7	5407652.6
L4830.0	504828.7	5407653.0	7632.00000	258.72	72.09	48.821840	-86.934216	56066.71	56241.5	8.50	56075.21	56077.13281	56076.53128	56078.03906	504828.7	5407653.0
L4830.0	504828.7	5407653.6	7632.10010	258.32	71.93	48.821846	-86.934216	56067.07	56241.5	8.50	56075.57	56077.44531	56076.64576	56078.11719	504828.7	5407653.6
L4830.0	504828.7	5407653.6	7632.20020	258.32	71.93	48.821846	-86.934216	56067.20	56241.5	8.50	56075.70	56077.53125	56076.76559	56078.20313	504828.7	5407653.6
L4830.0	504828.7	5407654.2	7632.29981	258.51	73.28	48.821851	-86.934216	56067.45	56241.5	8.50	56075.95	56077.73438	56076.88362	56078.28906	504828.7	5407654.2
L4830.0	504828.7	5407654.8	7632.39990	258.15	73.94	48.821857	-86.934216	56068.01	56241.5	8.50	56076.51	56078.25000	56076.99534	56078.36719	504828.7	5407654.8
L4830.0	504828.7	5407654.8	7632.50000	258.50	73.94	48.821857	-86.934216	56067.66	56241.5	8.50	56076.16	56077.85547	56077.12820	56078.46875	504828.7	5407654.8
L4830.0	504828.7	5407655.6	7632.60010	258.00	74.18	48.821863	-86.934216	56068.31	56241.5	8.50	56076.81	56078.46094	56077.23915	56078.54688	504828.7	5407655.6
L4830.0	504828.7	5407656.1	7632.70020	256.85	74.5	48.821868	-86.934216	56067.84	56241.5	8.50	56076.34	56077.94922	56077.37639	56078.65234	504828.7	5407656.1
L4830.0	504828.7	5407656.7	7632.79981	258.08	74.5	48.821874	-86.934217	56068.18	56241.5	8.50	56076.68	56078.24609	56077.49581	56078.73828	504828.7	5407656.7
L4830.0	504828.7	5407656.7	7632.89990	257.46	74.38	48.821874	-86.934217	56068.69	56241.5	8.50	56077.19	56078.71484	56077.61225	56078.82422	504828.7	5407656.7
L4830.0	504828.7	5407657.4	7633.00000	259.28	74.51	48.821880	-86.934217	56069.14	56241.5	8.50	56077.64	56079.12500	56077.73103	56078.91406	504828.7	5407657.4
L4830.0	504828.7	5407658.2	7633.10010	261.07	74.51	48.821887	-86.934217	56068.69	56241.5	8.50	56077.19	56078.63672	56077.87008	56079.01953	504828.7	5407658.2
L4830.0	504828.7	5407658.2	7633.20020	259.10	74.43	48.821887	-86.934217	56069.02	56241.5	8.50	56077.52	56078.92578	56077.99299	56079.11328	504828.7	5407658.2
L4830.0	504828.6	5407658.9	7633.29981	259.84	74.43	48.821893	-86.934217	56069.27	56241.5	8.51	56077.78	56079.14844	56078.11817	56079.21094	504828.6	5407658.9
L4830.0	504828.6	5407659.7	7633.39990	258.24	75.71	48.821900	-86.934218	56069.66	56241.5	8.51	56078.16	56079.48828	56078.24150	56079.30469	504828.6	5407659.7
L4830.0	504828.6	5407660.3	7633.50000	259.02	75.71	48.821906	-86.934218	56070.03	56241.5	8.51	56078.54	56079.83203	56078.36533	56079.39844	504828.6	5407660.3
L4830.0	504828.6	5407660.3	7633.60010	260.06	75.62	48.821906	-86.934218	56070.08	56241.5	8.51	56078.59	56079.84766	56078.49664	56079.50391	504828.6	5407660.3
L4830.0	504828.6	5407661.3	7633.70020	259.92	75.62	48.821915	-86.934218	56070.43	56241.5	8.51	56078.95	56080.17188	56078.62144	56079.60156	504828.6	5407661.3
L4830.0	504828.6	5407662.1	7633.79981	259.57	75.87	48.821922	-86.934219	56070.82	56241.5	8.52	56079.33	56080.51563	56078.74561	56079.69531	504828.6	5407662.1
L4830.0	504828.5	5407662.8	7633.89990	258.58	75.87	48.821928	-86.934219	56070.71	56241.5	8.52	56079.23	56080.38281	56078.88161	56079.80469	504828.5	5407662.8
L4830.0	504828.5	5407662.8	7634.00000	260.06	67.22	48.821928	-86.934219	56071.18	56241.5	8.52	56079.70	56080.82031	56079.00305	56079.90234	504828.5	5407662.8
L4830.0	504828.5	5407663.7	7634.10010	259.39	67.22	48.821937	-86.934219	56071.42	56241.5	8.52	56079.94	56081.02734	56079.13014	56080.00391	504828.5	5407663.7
L4830.0	504828.5	5407664.7	7634.20020	260.36	68.17	48.821945	-86.934220	56071.38	56241.5	8.52	56079.90	56080.95703	56079.26574	56080.11328	504828.5	5407664.7
L4830.0	504828.4	5407665.4	7634.29981	258.75	68.17	48.821952	-86.934220	56071.95	56241.5	8.53	56080.48	56081.50391	56079.38140	56080.20313	504828.4	5407665.4
L4830.0	504828.4	5407666.2	7634.39990	258.48	71.6	48.821959	-86.934220	56072.38	56241.5	8.53	56080.91	56081.90625	56079.50067	56080.29688	504828.4	5407666.2
L4830.0	504828.4	5407666.2	7634.50000	259.81	74.19	48.821959	-86.934220	56072.36	56241.5	8.53	56080.89	56081.85547	56079.63601	56080.41016	504828.4	5407666.2
L4830.0	504828.4	5407666.9	7634.60010	259.60	74.19	48.821966	-86.934220	56072.89	56241.5	8.53	56081.42	56082.35938	56079.75026	56080.50000	504828.4	5407666.9
L4830.0	504828.4	5407667.7	7634.70020	257.50	74.46	48.821972	-86.934221	56072.54	56241.5	8.53	56081.07	56081.98047	56079.90013	56080.62891	504828.4	5407667.7
L4830.0	504828.4	5407668.6	7634.79981	255.99	74.46	48.821980	-86.934221	56073.52	56241.5	8.54	56082.06	56082.94531	56079.99373	56080.69922	504828.4	5407668.6
L4830.0	504828.3	5407669.6	7634.89990	256.73	74.46	48.821990	-86.934221	56073.12	56241.5	8.54	56081.66	56082.52344	56080.14746	56080.83203	504828.3	5407669.6
L4830.0	504828.3	5407669.6	7635.00000	257.06	78.65	48.821990	-86.934221	56073.65	56241.5	8.54	56082.19	56083.02734	56080.26018	56080.92188	504828.3	5407669.6
L4830.0	504828.3	5407670.5	7635.10010	256.00	78.69	48.821997	-86.934222	56073.80	56241.5	8.54	56082.34	56083.15625	56080.39036	56081.03125	504828.3	5407670.5
L4830.0	504828.3	5407671.3	7635.20020	257.76	78.92	48.822005	-86.934222	56073.82	56241.5	8.55	56082.37	56083.16406	56080.52664	56081.14844	504828.3	5407671.3
L4830.0	504828.3	5407672.2	7635.29981	256.72	78.92	48.822013	-86.934222	56074.43	56241.5	8.55	56082.98	56083.75000	56080.63596	56081.23438	504828.3	5407672.2
L4830.0	504828.3	5407672.2	7635.39990	257.75	79.74	48.822013	-86.934222	56074.76	56241.4	8.55	56083.31	56084.06250	56080.75909	56081.33984	504828.3	5407672.2
L4830.0	504828.3	5407673.3	7635.50000	256.82	79.74	48.822023	-86.934222	56074.64	56241.4	8.56	56083.20	56083.93359	56080.90336	56081.46484	504828.3	5407673.3
L4830.0	504828.2	5407674.2	7635.60010	257.23	79.46	48.822031	-86.934223	56075.36	56241.4	8.56	56083.92	56084.63672	56081.00959	56081.55078	504828.2	5407674.2
L4830.0	504828.2	5407675.0	7635.70020	258.77	79.46	48.822038	-86.934223	56075.75	56241.4	8.56	56084.31	56085.00781	56081.13199	56081.65625	504828.2	5407675.0
L4830.0	504828.2	5407675.0	7635.79981	259.11	80.37	48.822038	-86.934223	56075.57	56241.4	8.56	56084.14	56084.82422	56081.27964	56081.78516	504828.2	5407675.0

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4830.0	504828.2	5407675.9	7635.89990	259.76	80.37	48.822046	-86.934223	56076.33	56241.4	8.57	56084.90	56085.56641	56081.38732	56081.87891	504828.2	5407675.9
L4830.0	504828.2	5407677.0	7636.00000	260.75	80.94	48.822056	-86.934223	56076.05	56241.4	8.57	56084.62	56085.27344	56081.53904	56082.01172	504828.2	5407677.0
L4830.0	504828.2	5407677.9	7636.10010	260.97	80.94	48.822064	-86.934224	56075.47	56241.4	8.57	56084.04	56084.67969	56081.70094	56082.15625	504828.2	5407677.9
L4830.0	504828.2	5407677.9	7636.20020	260.63	78.93	48.822064	-86.934224	56076.07	56241.4	8.57	56084.64	56085.26953	56081.81539	56082.25781	504828.2	5407677.9
L4830.0	504828.2	5407678.8	7636.29981	260.29	78.93	48.822072	-86.934224	56075.88	56241.4	8.57	56084.45	56085.07031	56081.95934	56082.38672	504828.2	5407678.8
L4830.0	504828.1	5407679.8	7636.39990	257.55	81.57	48.822081	-86.934224	56076.23	56241.4	8.57	56084.79	56085.39844	56082.08273	56082.49219	504828.1	5407679.8
L4830.0	504828.1	5407680.9	7636.50000	258.15	81.57	48.822091	-86.934224	56076.68	56241.4	8.57	56085.25	56085.85156	56082.20137	56082.59766	504828.1	5407680.9
L4830.0	504828.1	5407680.9	7636.60010	258.94	81.63	48.822091	-86.934224	56076.58	56241.4	8.56	56085.15	56085.74219	56082.33841	56082.71875	504828.1	5407680.9
L4830.0	504828.1	5407681.9	7636.70020	257.89	81.86	48.822100	-86.934224	56077.19	56241.4	8.56	56085.75	56086.33594	56082.45044	56082.82031	504828.1	5407681.9
L4830.0	504828.1	5407682.7	7636.79981	259.20	81.86	48.822107	-86.934224	56077.19	56241.4	8.56	56085.75	56086.33203	56082.58138	56082.93750	504828.1	5407682.7
L4830.0	504828.1	5407683.6	7636.89990	259.64	82.71	48.822116	-86.934224	56077.62	56241.4	8.56	56086.18	56086.75781	56082.69665	56083.03906	504828.1	5407683.6
L4830.0	504828.1	5407684.6	7637.00000	260.25	82.93	48.822125	-86.934224	56077.57	56241.4	8.56	56086.13	56086.70703	56082.82652	56083.15625	504828.1	5407684.6
L4830.0	504828.1	5407685.9	7637.10010	260.81	82.93	48.822136	-86.934224	56077.98	56241.4	8.56	56086.54	56087.11328	56082.93949	56083.25781	504828.1	5407685.9
L4830.0	504828.1	5407685.9	7637.20020	258.06	82.78	48.822136	-86.934224	56078.06	56241.4	8.56	56086.62	56087.19141	56083.06227	56083.37109	504828.1	5407685.9
L4830.0	504828.1	5407687.0	7637.29981	257.75	83.57	48.822146	-86.934224	56078.43	56241.4	8.57	56086.99	56087.56250	56083.17377	56083.46875	504828.1	5407687.0
L4830.0	504828.1	5407687.0	7637.39990	256.65	83.57	48.822146	-86.934224	56078.43	56241.4	8.57	56087.00	56087.57422	56083.29683	56083.58203	504828.1	5407687.0
L4830.0	504828.1	5407688.0	7637.50000	256.64	81.75	48.822155	-86.934224	56078.83	56241.4	8.57	56087.40	56087.97656	56083.40489	56083.67969	504828.1	5407688.0
L4830.0	504828.1	5407689.4	7637.60010	257.63	81.75	48.822168	-86.934224	56079.14	56241.4	8.57	56087.71	56088.29297	56083.51520	56083.78125	504828.1	5407689.4
L4830.0	504828.1	5407690.4	7637.70020	259.53	57.95	48.822177	-86.934224	56079.65	56241.4	8.57	56088.22	56088.80859	56083.61713	56083.87109	504828.1	5407690.4
L4830.0	504828.1	5407691.4	7637.79981	257.84	57.95	48.822186	-86.934224	56079.59	56241.4	8.58	56088.17	56088.76172	56083.73974	56083.98438	504828.1	5407691.4
L4830.0	504828.1	5407691.4	7637.89990	260.81	59.93	48.822186	-86.934224	56079.72	56241.4	8.58	56088.30	56088.89844	56083.85517	56084.09375	504828.1	5407691.4
L4830.0	504828.2	5407692.3	7638.00000	261.09	62.63	48.822194	-86.934224	56079.92	56241.4	8.58	56088.50	56089.10938	56083.96769	56084.19531	504828.2	5407692.3
L4830.0	504828.2	5407693.6	7638.10010	261.69	62.63	48.822205	-86.934224	56080.15	56241.4	8.58	56088.74	56089.35938	56084.07863	56084.29688	504828.2	5407693.6
L4830.0	504828.2	5407694.6	7638.20020	260.70	67.96	48.822215	-86.934223	56080.40	56241.4	8.59	56088.99	56089.61719	56084.18932	56084.40234	504828.2	5407694.6
L4830.0	504828.2	5407695.8	7638.29981	258.34	67.96	48.822225	-86.934223	56080.28	56241.4	8.59	56088.87	56089.51172	56084.31442	56084.51953	504828.2	5407695.8
L4830.0	504828.2	5407695.8	7638.39990	257.88	70.91	48.822225	-86.934223	56081.06	56241.4	8.59	56089.65	56090.30469	56084.40570	56084.60156	504828.2	5407695.8
L4830.0	504828.2	5407696.8	7638.50000	257.46	78.76	48.822234	-86.934223	56080.78	56241.4	8.60	56089.38	56090.04688	56084.53689	56084.72656	504828.2	5407696.8
L4830.0	504828.2	5407698.0	7638.60010	258.44	78.76	48.822245	-86.934223	56081.28	56241.4	8.60	56089.88	56090.56250	56084.64058	56084.82422	504828.2	5407698.0
L4830.0	504828.2	5407699.1	7638.70020	258.55	87.07	48.822255	-86.934223	56081.26	56241.4	8.60	56089.86	56090.55859	56084.76274	56084.94141	504828.2	5407699.1
L4830.0	504828.2	5407699.1	7638.79981	258.52	87.07	48.822255	-86.934223	56081.26	56241.4	8.60	56089.87	56090.58984	56084.88298	56085.05469	504828.2	5407699.1
L4830.0	504828.2	5407700.2	7638.89990	258.69	87.91	48.822265	-86.934223	56081.59	56241.4	8.61	56090.19	56090.92578	56084.99269	56085.16016	504828.2	5407700.2
L4830.0	504828.2	5407701.1	7639.00000	258.52	88.62	48.822273	-86.934223	56081.39	56241.4	8.61	56090.00	56090.75781	56085.11599	56085.27734	504828.2	5407701.1
L4830.0	504828.2	5407701.1	7639.10010	258.14	88.62	48.822273	-86.934223	56082.02	56241.4	8.61	56090.63	56091.41016	56085.21486	56085.37109	504828.2	5407701.1
L4830.0	504828.2	5407703.9	7639.20020	256.61	88.62	48.822298	-86.934224	56081.84	56241.4	8.61	56090.46	56091.26172	56085.33301	56085.48438	504828.2	5407703.9
L4830.0	504828.2	5407703.9	7639.29981	257.02	88.26	48.822298	-86.934224	56081.92	56241.4	8.61	56090.54	56091.36328	56085.44188	56085.58594	504828.2	5407703.9
L4830.0	504828.1	5407705.0	7639.39990	257.44	88.81	48.822308	-86.934224	56082.22	56241.4	8.61	56090.84	56091.69141	56085.54264	56085.68359	504828.1	5407705.0
L4830.0	504828.1	5407706.1	7639.50000	258.06	88.81	48.822318	-86.934224	56082.22	56241.4	8.62	56090.84	56091.71484	56085.64703	56085.78516	504828.1	5407706.1
L4830.0	504828.1	5407706.1	7639.60010	259.22	88.97	48.822318	-86.934224	56082.45	56241.4	8.62	56091.07	56091.97266	56085.74224	56085.87500	504828.1	5407706.1
L4830.0	504828.1	5407707.3	7639.70020	260.68	88.97	48.822329	-86.934224	56082.66	56241.4	8.62	56091.27	56092.20313	56085.83388	56085.96484	504828.1	5407707.3
L4830.0	504828.1	5407708.5	7639.79981	261.22	88.94	48.822340	-86.934224	56082.68	56241.4	8.62	56091.30	56092.26172	56085.92542	56086.05078	504828.1	5407708.5
L4830.0	504828.1	5407709.7	7639.89990	260.38	88.86	48.822350	-86.934224	56082.81	56241.4	8.62	56091.42	56092.41406	56086.01116	56086.13281	504828.1	5407709.7
L4830.0	504828.1	5407710.8	7640.00000	260.54	88.86	48.822360	-86.934224	56082.83	56241.4	8.62	56091.45	56092.47656	56086.09628	56086.21484	504828.1	5407710.8
L4830.0	504828.1	5407710.8	7640.10010	260.01	88.56	48.822360	-86.934224	56083.29	56241.4	8.62	56091.90	56092.95703	56086.16583	56086.28125	504828.1	5407710.8
L4830.0	504828.1	5407712.1	7640.10010	260.01	88.56	48.822372	-86.934224	56083.32	56241.4	8.62	56091.93	56093.02344	56086.24586	56086.35938	504828.1	5407712.1
L4830.0	504828.1	5407713.2	7640.20020	261.17	89.34	48.822382	-86.934224	56083.34	56241.4	8.62	56091.96	56093.08984	56086.32468	56086.43750	504828.1	5407713.2
L4830.0	504828.1	5407714.4	7640.29981	260.21	89.34	48.822393	-86.934224	56083.52	56241.4	8.62	56092.13	56093.29688	56086.39726	56086.50391	504828.1	5407714.4
L4830.0	504828.1	5407714.4	7640.50000	260.15	89.77	48.822393	-86.934224	56083.56	56241.4	8.62	56092.17	56093.37500	56086.47448	56086.58203	504828.1	5407714.4
L4830.0	504828.1	5407715.8	7640.60010	258.74	89.53	48.822405	-86.934224	56083.64	56241.4	8.61	56092.26	56093.50391	56086.54940	56086.65234	504828.1	5407715.8
L4830.0	504828.1	5407716.8	7640.70020	257.25	89.53	48.822414	-86.934224	56083.95	56241.4	8.61	56092.56	56093.84375	56086.61455	56086.71875	504828.1	5407716.8
L4830.0	504828.1	5407717.9	7640.79981	256.29	89.53	48.822424	-86.934224	56084.02	56241.4	8.61	56092.63	56093.95703	56086.69017	56086.79297	504828.1	5407717.9
L4830.0	504828.2	5407719.0	7640.89990	256.14	76.42	48.822434	-86.934223	56084.07	56241.4	8.61	56092.69	56094.05859	56086.76627	56086.86719	504828.2	5407719.0
L4830.0	504828.2	5407719.0	7641.00000	256.32	75.31	48.822434	-86.934223	56084.25	56241.4	8.61	56092.86	56094.27344	56086.83647	56086.93359	504828.2	5407719.0
L4830.0	504828.2	5407720.4	7641.10010	256.31	75.31	48.822447	-86.934223	56083.86	56241.4	8.61	56092.48	56093.93750	56086.93442	56087.03125	504828.2	5407720.4
L4830.0	504828.2	5407721.6	7641.20020	256.28	76.01	48.822457	-86.934223	56084.05	56241.4	8.62	56092.66	56094.16406	56087.00229	56087.09766	504828.2	5407721.6
L4830.0	504828.2	5407721.6	7641.29981	255.37	76.01	48.822457	-86.934223	56084.60	56241.4	8.62	56093.22	56094.77344	56087.04728	56087.14063	504828.2	5407721.6
L4830.0	504828.2	5407723.1	7641.39990	257.61	78.74	48.822471	-86.934223	56084.71	56241.4	8.62	56093.33	56094.93359	56087.11479	56087.20703	504828.2	5407723.1
L4830.0	504828.2	5407724.3	7641.50000	257.84	83.74	48.822482	-86.934223	56084.72	56241.4	8.63	56093.35	56095.00391	56087.18623	56087.28125	504828.2	5407724.3
L4830.0	504828.2	5407725.5	7641.60010	260.59	83.74	48.822492	-86.934222	56085.11	56241.4	8.63	56093.74	56095.44531	56087.23466	56087.32813	504828.2	5407725.5
L4830.0	504828.2	5407726.7	7641.70020	259.35	90.64	48.822503	-86.934222	56085.23	56241.4	8.63	56093.86	56095.61719	56087.29721	56087.39063	504828.2	5407726.7
L4830.0	504828.2	5407726.7	7641.79981	258.29	90.64	48.822503	-86.934222	56084.56	56241.4	8.63	56093.19	56095.00000	56087.40736	56087.50000	504828.2	5407726.7
L4830.0	504828.2	5407728.1	7641.89990	259.44	85.19	48.822515	-86.934222	56084.60	56241.4	8.64	56093.24	56095.10547	56087.47343	56087.56641	504828.2	5407728.1
L4830.0	504828.3	5407729.3	7642.00000	259.43	85.19	48.822526	-86.934222	56084.25	56241.4	8.64	56092.89	56094.81250	56087.56532	56087.65625	504828.3	5407729.3
L4830.0	504828.3	5407730.7	7642.10010	260.52	90.79	48.822539	-86.934221	56084.90	56241.4	8.64	56093.54	56095.51953	56087.59333	56087.68750	504828.3	5407730.7
L4830.0	504828.3	5407731.8	7642.20020	259.15	90.79	48.822549	-86.934221	56084.45	56241.4	8.64	56093.08	56095.12109	56087.69430	56087.78906	504828.3	5407731.8
L4830.0	504828.3	5407731.8	7642.29981	259.18	90.75	48.822549	-86.934221	56085.32	56241.4	8.63	56093.95	56096.05078	56087.71053	56087.80469	504828.3	5407731.8
L4830.0	504828.3	5407733.4	7642.39990	258.81	90.9	48.822564	-86.934221	56085.28	56241.4	8.63	56093.91	56096.07031	56087.78818	56087.88281	504828.3	5407733.4
L4830.0	504828.3	5407733.4	7642.50000	257.89	90.9	48.822564	-86.934221	56085.94	56241.4	8.63	56094.57	56096.79297	56087.82327	56087.91797	504828.3	5407733.4
L4830.0	504828.3	5407734.8	7642.60010	256.81	87.4	48.822576	-86.934220	56085.66	56241.4	8.63	56094.29	56096.57813	56087.91843	56088.01563	504828.3	5407734.8
L4830.0	504828.4	5407736.1	7642.70020	255.64	87.4	48.822588	-86.934220	56085.69	56241.4	8.63	56094.31	56096.66016	56087.99500	56088.08984	504828.4	5407736.1
L4830.0	504828.4	5407737.5	7642.79981	254.27	87.4	48.822601	-86.934219	56086.04	56241.4	8.62	56094.67	56097.08594	56088.05214	56088.14844	504828.4	5407737.5
L4830.0	504828.4	5407738.6	7642.89990	254.63	87.36	48.822611	-86.934219	56086.19	56241.4	8.62	56094.81	56097.29688	56088.12286	56088.22266	504828.4	5407738.6
L4830.0	504828.4	5407738.6	7643.00000	255.74	90.99	48.822611	-86.934219	56086.04	56241.4	8.62	56094.66	56097.21484	56088.20920	56088.30859	504828.4	5407738.6
L4830.0	504828.5	5407740.3	7643.10010	255.37	90.99	48.822625	-86.934218	56086.14	56241.4	8.62	56094.76	56097.38281	56088.28277	56088.38281	504828.5	5407740.3
L4830.0	504828.5	5407741.5	7643.20020	255.80	90.3	48.822636	-86.934218	56086.53	56241.4	8.62	56095.15	56097.84375	56088.34431	56088.44922	504828.5	5407741.5
L4830.0	504828.6	5407742.8	7643.29981	255.34	90.3	48.822648	-86.934218	56086.40	56241.4	8.62	56095.02	56097.78516	56088.43027	56088.53516	504828.6	5407742.8
L4830.0	504828.6	5407742.8	7643.39990	257.59	90.32	48.822648	-86.934218	56086.37	56241.4	8.62	56094.99	56097.82813	56088.51195	56088.61719	504828.6	5407742.8
L4830.0	504828.6	5407743.7	7643.50000	261.10	90.96	48.822657	-86.934217	56086.70	56241.4	8.62	56095.32	56098.23438	56088.58241	56088.69141	504828.6	5407743.7
L4830.0	504828.6	5407745.0	7643.60010	262.03	90.96	48.822668	-86.934217	56085.84	56241.4	8.62	56094.46	56097.44922	56088.68921	56088.80078	504828.6	5407745.0
L4830.0	504828.6	5407746.7	7643.70020	261.40	90.53	48.822683	-86.934217	56086.78	56241.4	8.62	56095.40	56098.46484	56088.74732	56088.85938	504828.6	5407746.7
L4830.0	504828.6	5407746.7	7643.79981	261.03	89.64	48.822683	-86.934217	56086.57	56241.4	8.62	56095.19	56098.33203	56088.83519	56088.95313	504828.6	5407746.7
L4830.0	504828.6	5407748.3	7643.89990	261.68	89.64	48.822697	-86.934217	56086.50	56241.4	8.62	56095.12	56098.33984	56088.91872	56089.03906	504828.6	5407748.3
L4830.0	504828.6	5407749.3	7644.00000	262.90	91.07	48.822707	-86.934217	56086.93	56241.4	8.62	56095.55	56098.85156	56088.99759	56089.12109	504828.6	5407749.3
L4830.0	504828.6	5407749.3	7644.10010	261.58	91.07	48.822707	-86.934217	56086.95	56241.4	8.62	56095.57	56098.95313	56089.07920	56089.20313	504828.6	5407749.3
L4830.0	504828.6	5407750.6	7644.20020	260.89	91.43	48.822718	-86.934217	56086.81	56241.4	8.62	56095.43	56098.89453	56089.15692	56089.28516	504828.6	5407750.6
L4830.0	504828.6	5407751.7	7644.29981	259.85	91.27	48.822728	-86.934216	56087.13	56241.4	8.62	56095.75	56099.29688	56089.23456	56089.36719	504828.6	5407751.7
L4830.0	504828.6	5407752.8	7644.39990	259.71	91.27	48.822738	-86.934216	56086.93	56241.4	8.62	56095.55	56099.17969	56089.30286	56089.43750	504828.6	5407752.8
L4830.0	504828.6	5407754.1	7644.50000	259.09	87.28	48.822750	-86.934217	56086.88	56241.4	8.62	56095.50	56099.21484	56089.36860	56089.50781	504828.6	5407754.1
L4830.0	504828.6	5407755.3	7644.60010	257.50	83.11	48.822761	-86.934217	56087.28	56241.4	8.62	56095.90	56099.70313	56089.44117	56089.58594	504828.6	5407755.3
L4830.0	504828.6	5407756.8	7644.70020	256.56	83.11	48.822774	-86.934217	56087.46	56241.4	8.62	56096.08	56099.96875	56089.50671	56089.65625	504828.6	5407756.8
L4830.0	504828.6	5407756.8	7644.79981	258.39	87.67	48.822774	-86.934217	56087.06	56241.4	8.62	56095.68	56099.65625	56089.55120	56089.70313	504828.6	5407756.8
L4830.0	504828.6	5407758.0	7644.89990	261.00	87.67	48.822785	-86.934217	56087.08	56241.4	8.62	56095.70	56099.76563	56089.60587	56089.76172	504828.6	5407758.0
L4830.0	504828.6	5407759.2	7645.00000	260.58	86.55	48.822795	-86.934217	56087.13	56241.4	8.62	56095.75	56099.90625	56089.66049	56089.82422	504828.6	5407759.2
L4830.0	504828.6	5407760.3	7645.10010	260.88	86.55	48.822806	-86.934217	56087.21	56241.4	8.62	56095.83	56100.07813	56089.71608	56089.88281	504828.6	5407760.3

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4830.0	504828.6	5407761.8	7645.20020	258.83	86.75	48.822819	-86.934217	56087.08	56241.4	8.62	56095.70	56100.03906	56089.76201	56089.93359	504828.6	5407761.8
L4830.0	504828.6	5407761.8	7645.29981	260.36	91.41	48.822819	-86.934217	56087.36	56241.4	8.62	56095.98	56100.41406	56089.82803	56090.00781	504828.6	5407761.8
L4830.0	504828.6	5407762.9	7645.39990	258.44	91.41	48.822829	-86.934217	56087.46	56241.4	8.62	56096.09	56100.61719	56089.88637	56090.07031	504828.6	5407762.9
L4830.0	504828.6	5407764.4	7645.50000	260.72	91.41	48.822842	-86.934217	56087.23	56241.4	8.63	56095.85	56100.47266	56089.92303	56090.11328	504828.6	5407764.4
L4830.0	504828.5	5407765.9	7645.60010	261.61	90.33	48.822855	-86.934217	56087.21	56241.4	8.63	56095.84	56100.55859	56089.96891	56090.16406	504828.5	5407765.9
L4830.0	504828.5	5407765.9	7645.70020	261.71	78.53	48.822855	-86.934217	56087.66	56241.4	8.63	56096.29	56101.10547	56090.04005	56090.24219	504828.5	5407765.9
L4830.0	504828.5	5407767.4	7645.79981	262.15	78.53	48.822869	-86.934218	56087.29	56241.4	8.63	56095.91	56100.82031	56090.04921	56090.25781	504828.5	5407767.4
L4830.0	504828.5	5407768.6	7645.89990	263.53	83.51	48.822881	-86.934218	56088.06	56241.4	8.63	56096.69	56101.69922	56090.13007	56090.34766	504828.5	5407768.6
L4830.0	504828.5	5407768.6	7646.00000	264.26	92.05	48.822881	-86.934218	56087.43	56241.4	8.63	56096.06	56101.16797	56090.10312	56090.32813	504828.5	5407768.6
L4830.0	504828.5	5407770.4	7646.10010	262.99	92.05	48.822896	-86.934218	56087.61	56241.4	8.63	56096.24	56101.44922	56090.12217	56090.35547	504828.5	5407770.4
L4830.0	504828.5	5407771.5	7646.20020	264.69	82.5	48.822906	-86.934218	56087.87	56241.4	8.63	56096.50	56101.80859	56090.13454	56090.37500	504828.5	5407771.5
L4830.0	504828.5	5407773.0	7646.29981	264.66	82.5	48.822920	-86.934218	56087.20	56241.4	8.63	56095.83	56101.23828	56090.07638	56090.32422	504828.5	5407773.0
L4830.0	504828.5	5407774.4	7646.39990	264.75	80.57	48.822933	-86.934218	56087.14	56241.4	8.63	56095.76	56101.27344	56090.04859	56090.30859	504828.5	5407774.4
L4830.0	504828.5	5407774.4	7646.50000	264.85	80.57	48.822933	-86.934218	56087.11	56241.4	8.63	56095.73	56101.34375	56090.01538	56090.28125	504828.5	5407774.4
L4830.0	504828.5	5407776.1	7646.60010	264.51	81.55	48.822947	-86.934218	56087.48	56241.4	8.62	56096.11	56101.82813	56089.99249	56090.26953	504828.5	5407776.1
L4830.0	504828.5	5407777.8	7646.70020	263.86	81.55	48.822963	-86.934218	56087.54	56241.4	8.62	56096.16	56101.98047	56089.94869	56090.23438	504828.5	5407777.8
L4830.0	504828.5	5407777.8	7646.79981	263.34	80.81	48.822963	-86.934218	56087.56	56241.4	8.62	56096.18	56102.10547	56089.90119	56090.19922	504828.5	5407777.8
L4830.0	504828.5	5407779.1	7646.89990	261.94	80.81	48.822974	-86.934218	56087.48	56241.4	8.62	56096.10	56102.13281	56089.85226	56090.16016	504828.5	5407779.1
L4830.0	504828.5	5407780.6	7647.00000	261.32	83.28	48.822988	-86.934218	56087.11	56241.4	8.62	56095.73	56101.86719	56089.80572	56090.12500	504828.5	5407780.6
L4830.0	504828.5	5407781.9	7647.10010	258.49	83.28	48.823000	-86.934218	56087.39	56241.4	8.62	56096.01	56102.25391	56089.76825	56090.09766	504828.5	5407781.9
L4830.0	504828.5	5407781.9	7647.20020	256.33	82.94	48.823000	-86.934218	56087.28	56241.4	8.62	56095.90	56102.25000	56089.73380	56090.07422	504828.5	5407781.9
L4830.0	504828.5	5407783.3	7647.29981	254.44	82.94	48.823012	-86.934218	56086.83	56241.4	8.63	56095.46	56101.91797	56089.70786	56090.05859	504828.5	5407783.3
L4830.0	504828.5	5407784.6	7647.39990	255.70	85.54	48.823024	-86.934218	56087.31	56241.4	8.63	56095.93	56102.49609	56089.67138	56090.03516	504828.5	5407784.6
L4830.0	504828.5	5407785.9	7647.50000	255.44	85.54	48.823036	-86.934218	56087.26	56241.4	8.63	56095.89	56102.56250	56089.64321	56090.01953	504828.5	5407785.9
L4830.0	504828.5	5407787.0	7647.60010	254.39	84.2	48.823046	-86.934218	56087.33	56241.4	8.63	56095.96	56102.74219	56089.61223	56090.00391	504828.5	5407787.0
L4830.0	504828.5	5407787.0	7647.70020	253.69	83.43	48.823046	-86.934218	56087.79	56241.4	8.63	56096.43	56103.32031	56089.56641	56089.96875	504828.5	5407787.0
L4830.0	504828.5	5407788.3	7647.79981	254.63	87.55	48.823058	-86.934217	56087.54	56241.4	8.64	56096.17	56103.16797	56089.54103	56089.95703	504828.5	5407788.3
L4830.0	504828.5	5407789.7	7647.89990	255.75	87.55	48.823070	-86.934217	56087.33	56241.4	8.64	56095.97	56103.07813	56089.51442	56089.94531	504828.5	5407789.7
L4830.0	504828.5	5407791.1	7648.00000	255.87	91.95	48.823083	-86.934217	56087.77	56241.4	8.64	56096.41	56103.62891	56089.45987	56089.90625	504828.5	5407791.1
L4830.0	504828.5	5407792.3	7648.10010	258.37	86.68	48.823094	-86.934217	56087.38	56241.4	8.64	56096.02	56103.34766	56089.44432	56089.90625	504828.5	5407792.3
L4830.0	504828.5	5407792.3	7648.20020	259.96	83.02	48.823094	-86.934217	56087.14	56241.4	8.64	56095.78	56103.21875	56089.42504	56089.90234	504828.5	5407792.3
L4830.0	504828.5	5407794.6	7648.29981	262.05	83.02	48.823114	-86.934217	56087.28	56241.4	8.64	56095.92	56103.46875	56089.38683	56089.87891	504828.5	5407794.6
L4830.0	504828.5	5407794.6	7648.39990	263.23	83.56	48.823114	-86.934217	56087.33	56241.4	8.64	56095.97	56103.62891	56089.35437	56089.86328	504828.5	5407794.6
L4830.0	504828.5	5407796.0	7648.50000	264.92	83.35	48.823126	-86.934217	56087.32	56241.4	8.64	56095.96	56103.73047	56089.32652	56089.85156	504828.5	5407796.0
L4830.0	504828.5	5407796.0	7648.60010	262.67	83.35	48.823126	-86.934217	56087.43	56241.4	8.64	56096.07	56103.94922	56089.29137	56089.83203	504828.5	5407796.0
L4830.0	504828.5	5407799.2	7648.70020	260.32	89.56	48.823155	-86.934217	56087.70	56241.4	8.64	56096.33	56104.32031	56089.24851	56089.80859	504828.5	5407799.2
L4830.0	504828.5	5407799.2	7648.79981	259.53	89.34	48.823155	-86.934217	56087.16	56241.4	8.64	56095.80	56103.90234	56089.26690	56089.84375	504828.5	5407799.2
L4830.0	504828.5	5407800.4	7648.89990	258.88	89.34	48.823166	-86.934217	56087.39	56241.4	8.64	56096.03	56104.24219	56089.23329	56089.82813	504828.5	5407800.4
L4830.0	504828.5	5407802.0	7649.00000	255.30	91.33	48.823180	-86.934217	56087.41	56241.4	8.64	56096.05	56104.37500	56089.21236	56089.82813	504828.5	5407802.0
L4830.0	504828.5	5407802.0	7649.10010	253.88	91.74	48.823180	-86.934217	56087.84	56241.4	8.64	56096.48	56104.91406	56089.16276	56089.79688	504828.5	5407802.0
L4830.0	504828.5	5407803.6	7649.20020	252.01	91.7	48.823195	-86.934217	56086.61	56241.4	8.64	56095.25	56103.79688	56089.22249	56089.87500	504828.5	5407803.6
L4830.0	504828.5	5407804.8	7649.29981	252.77	91.7	48.823206	-86.934217	56087.23	56241.4	8.64	56095.87	56104.52734	56089.15755	56089.83203	504828.5	5407804.8
L4830.0	504828.5	5407806.1	7649.39990	254.38	92.49	48.823218	-86.934217	56087.26	56241.4	8.64	56095.90	56104.66797	56089.13060	56089.82422	504828.5	5407806.1
L4830.0	504828.5	5407806.1	7649.50000	252.75	92.7	48.823218	-86.934217	56086.73	56241.4	8.64	56095.37	56104.24609	56089.13963	56089.85547	504828.5	5407806.1
L4830.0	504828.5	5407808.7	7649.60010	254.62	92.7	48.823241	-86.934218	56087.25	56241.4	8.64	56095.89	56104.87500	56089.07732	56089.81641	504828.5	5407808.7
L4830.0	504828.5	5407808.7	7649.70020	256.50	92.46	48.823241	-86.934218	56086.58	56241.4	8.64	56095.22	56104.31641	56089.09298	56089.85156	504828.5	5407808.7
L4830.0	504828.5	5407809.9	7649.79981	257.26	92.63	48.823252	-86.934218	56086.67	56241.4	8.64	56095.31	56104.51563	56089.05662	56089.83984	504828.5	5407809.9
L4830.0	504828.5	5407810.9	7649.89990	257.48	93.01	48.823261	-86.934218	56086.93	56241.4	8.64	56095.57	56104.88281	56089.00756	56089.81250	504828.5	5407810.9
L4830.0	504828.5	5407812.5	7650.00000	258.30	93.01	48.823275	-86.934218	56087.06	56241.4	8.64	56095.70	56105.12109	56088.96580	56089.79688	504828.5	5407812.5
L4830.0	504828.5	5407813.9	7650.10010	256.04	93.06	48.823287	-86.934218	56086.95	56241.4	8.64	56095.59	56105.12109	56088.93867	56089.79297	504828.5	5407813.9
L4830.0	504828.5	5407815.4	7650.20020	256.57	93.1	48.823301	-86.934218	56086.98	56241.4	8.65	56095.63	56105.26953	56088.90016	56089.77734	504828.5	5407815.4
L4830.0	504828.5	5407815.4	7650.29981	257.75	93.13	48.823301	-86.934218	56087.05	56241.4	8.65	56095.70	56105.44531	56088.85827	56089.76172	504828.5	5407815.4
L4830.0	504828.5	5407817.0	7650.39990	259.59	93.13	48.823316	-86.934217	56086.63	56241.3	8.65	56095.28	56105.13281	56088.84767	56089.77344	504828.5	5407817.0
L4830.0	504828.5	5407817.0	7650.50000	259.14	93.33	48.823316	-86.934217	56086.40	56241.3	8.65	56095.05	56105.00781	56088.82300	56089.77734	504828.5	5407817.0
L4830.0	504828.5	5407818.7	7650.60010	257.80	93.33	48.823331	-86.934217	56086.70	56241.3	8.66	56095.36	56105.42578	56088.77786	56089.75781	504828.5	5407818.7
L4830.0	504828.5	5407820.3	7650.70020	259.46	93.32	48.823345	-86.934217	56086.78	56241.3	8.66	56095.44	56105.60938	56088.75695	56089.76172	504828.5	5407820.3
L4830.0	504828.5	5407821.7	7650.79981	260.91	93.28	48.823358	-86.934217	56086.58	56241.3	8.66	56095.24	56105.51563	56088.74494	56089.77734	504828.5	5407821.7
L4830.0	504828.5	5407821.7	7650.89990	258.63	93.22	48.823358	-86.934217	56086.80	56241.3	8.67	56095.46	56105.83594	56088.70179	56089.76172	504828.5	5407821.7
L4830.0	504828.5	5407823.3	7651.00000	259.64	93.22	48.823372	-86.934217	56086.25	56241.3	8.67	56094.92	56105.40234	56088.69219	56089.78125	504828.5	5407823.3
L4830.0	504828.5	5407824.4	7651.10010	258.99	93.4	48.823382	-86.934217	56086.75	56241.3	8.67	56095.42	56106.00391	56088.62017	56089.73828	504828.5	5407824.4
L4830.0	504828.5	5407826.1	7651.20020	260.03	93.37	48.823397	-86.934217	56085.76	56241.3	8.67	56094.43	56105.11719	56088.61988	56089.76563	504828.5	5407826.1
L4830.0	504828.5	5407827.7	7651.29981	259.67	93.37	48.823412	-86.934217	56086.32	56241.3	8.67	56094.99	56105.77734	56088.53053	56089.70703	504828.5	5407827.7
L4830.0	504828.5	5407827.7	7651.39990	262.30	93.42	48.823412	-86.934217	56086.12	56241.3	8.67	56094.79	56105.67578	56088.47541	56089.67969	504828.5	5407827.7
L4830.0	504828.5	5407829.0	7651.50000	261.74	93.35	48.823424	-86.934217	56086.53	56241.3	8.67	56095.19	56106.17578	56088.37927	56089.61328	504828.5	5407829.0
L4830.0	504828.5	5407830.4	7651.60010	261.46	93.35	48.823436	-86.934217	56086.47	56241.3	8.66	56095.14	56106.22266	56088.30321	56089.57031	504828.5	5407830.4
L4830.0	504828.6	5407832.0	7651.70020	259.83	93.3	48.823451	-86.934216	56086.04	56241.3	8.66	56094.71	56105.89063	56088.25582	56089.55469	504828.6	5407832.0
L4830.0	504828.6	5407832.0	7651.79981	257.00	93.3	48.823451	-86.934216	56086.32	56241.3	8.66	56094.99	56106.26953	56088.17877	56089.50781	504828.6	5407832.0
L4830.0	504828.6	5407833.4	7651.89990	256.17	93.44	48.823463	-86.934216	56085.56	56241.3	8.66	56094.22	56105.59375	56088.17030	56089.53125	504828.6	5407833.4
L4830.0	504828.6	5407834.5	7652.00000	255.82	93.44	48.823473	-86.934216	56086.29	56241.3	8.66	56094.95	56106.41797	56088.06041	56089.45313	504828.6	5407834.5
L4830.0	504828.6	5407835.9	7652.10010	254.56	93.44	48.823486	-86.934216	56085.87	56241.3	8.66	56094.53	56106.09375	56088.02577	56089.45313	504828.6	5407835.9
L4830.0	504828.6	5407837.4	7652.20020	256.30	93.38	48.823499	-86.934216	56085.69	56241.3	8.66	56094.35	56106.00781	56087.97372	56089.43359	504828.6	5407837.4
L4830.0	504828.6	5407837.4	7652.29981	257.49	93.58	48.823499	-86.934216	56085.66	56241.3	8.66	56094.32	56106.06641	56087.91026	56089.40234	504828.6	5407837.4
L4830.0	504828.5	5407838.8	7652.39990	256.59	93.58	48.823512	-86.934217	56085.44	56241.3	8.66	56094.10	56105.93750	56087.85805	56089.38672	504828.5	5407838.8
L4830.0	504828.5	5407840.4	7652.50000	257.40	93.58	48.823526	-86.934217	56085.36	56241.3	8.66	56094.02	56105.94922	56087.79512	56089.35547	504828.5	5407840.4
L4830.0	504828.5	5407841.6	7652.60010	255.88	93.58	48.823537	-86.934217	56085.36	56241.3	8.66	56094.02	56106.03516	56087.72545	56089.32031	504828.5	5407841.6
L4830.0	504828.5	5407842.9	7652.70020	255.17	93.58	48.823548	-86.934217	56084.83	56241.3	8.66	56093.49	56105.59375	56087.68972	56089.32031	504828.5	5407842.9
L4830.0	504828.5	5407844.5	7652.79981	254.45	93.58	48.823563	-86.934218	56085.11	56241.3	8.66	56093.77	56105.96094	56087.59861	56089.26563	504828.5	5407844.5
L4830.0	504828.5	5407844.5	7652.89990	253.58	93.58	48.823563	-86.934218	56084.63	56241.3	8.66	56093.29	56105.56641	56087.55679	56089.25781	504828.5	5407844.5
L4830.0	504828.4	5407845.9	7653.00000	255.12	93.58	48.823575	-86.934218	56084.60	56241.3	8.66	56093.26	56105.62109	56087.48359	56089.22266	504828.4	5407845.9
L4830.0	504828.4	5407847.5	7653.10010	254.94	93.58	48.823590	-86.934218	56084.83	56241.3	8.66	56093.49	56105.93359	56087.39170	56089.16797	504828.4	5407847.5
L4830.0	504828.4	5407848.9	7653.20020	255.58	93.58	48.823602	-86.934218	56084.73	56241.3	8.66	56093.39	56105.91406	56087.32044	56089.13281	504828.4	5407848.9
L4830.0	504828.4	5407848.9	7653.29981	256.45	93.58	48.823602	-86.934218	56084.50	56241.3	8.66	56093.15	56105.75391	56087.25715	56089.10547	504828.4	5407848.9
L4830.0	504828.4	5407850.3	7653.39990	256.29	93.58	48.823615	-86.934219	56084.07	56241.3	8.66	56092.73	56105.41406	56087.20452	56089.08984	504828.4	5407850.3
L4830.0	504828.4	5407851.6	7653.50000	256.70	93.58	48.823627	-86.934219	56084.20	56241.3	8.65	56092.85	56105.60938	56087.13077	56089.05469	504828.4	5407851.6
L4830.0	504828.4	5407853.2	7653.60010	257.80	93.58	48.823641	-86.934219	56083.95	56241.3	8.65	56092.60	56105.43750	56087.10313	56089.06641	504828.4	5407853.2
L4830.0	504828.3	5407854.3	7653.70020	260.35	93.58	48.823651	-86.934219	56083.72	56241.3	8.65	56092.37	56105.28125	56087.07373	56089.07422	504828.3	5407854.3
L4830.0	504828.3	5407854.3	7653.79981	263.13	93.58	48.823651	-86.934219	56083.59	56241.3	8.65	56092.24	56105.22656	56087.03935	56089.07813	504828.3	5407854.3
L4830.0	504828.3	5407856.2	7653.89990	262.46	93.58	48.823668	-86.934219	56083.43	56241.3	8.65	56092.09	56105.14844	56087.00645	56089.08203	504828.3	5407856.2
L4830.0	504828.3	5407857.4	7654.00000	262.40	93.58	48.823679	-86.934219	56083.95	56241.3	8.65	56092.60	56105.73047	56086.96127	56089.07813	504828.3	5407857.4
L4830.0	504828.3	5407858.7	7654.10010	262.11	93.58	48.823690	-86.934219	56083.41	56241.3	8.65	56092.07	56105.26953	56086.93918	56089.09375	504828.3	5407858.7
L4830.0	504828.3	5407859.9	7654.20020	261.29	93.58	48.823702	-86.934219	56083.33	56241.3	8.65	56091.99	56105.25781	56086.90879	56089.10156	504828.3	5407859.9
L4830.0	504828.3	5407859.9	7654.29981	260.93	93.58	48.823702	-86.934219	56083.59	56241.3	8.66	56092.25	56105.58594	56086.88258	56089.11719	504828.3	5407859.9
L4830.0	504828.3	5407861.3	7654.39990	261.45	130	48.823714	-86.934219	56083.08	56241.3	8.66	56091.74	56105.14063	56086.84359	56089.11719	504828.3	5407861.3

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4830.0	504828.3	5407862.6	7654.50000	260.08	130	48.823726	-86.934219	56083.52	56241.3	8.66	56092.18	56105.64453	56086.82427	56089.13672	504828.3	5407862.6
L4830.0	504828.4	5407864.3	7654.60010	258.19	130	48.823741	-86.934219	56083.01	56241.3	8.66	56091.67	56105.19531	56086.76857	56089.12109	504828.4	5407864.3
L4830.0	504828.4	5407864.3	7654.70020	256.78	130	48.823741	-86.934219	56083.26	56241.3	8.66	56091.93	56105.51953	56086.73869	56089.13281	504828.4	5407864.3
L4830.0	504828.4	5407866.1	7654.79981	255.23	130	48.823757	-86.934219	56082.86	56241.3	8.67	56091.52	56105.16797	56086.66649	56089.10156	504828.4	5407866.1
L4830.0	504828.4	5407867.1	7654.89990	255.03	130	48.823767	-86.934219	56082.96	56241.3	8.67	56091.63	56105.33594	56086.61532	56089.08984	504828.4	5407867.1
L4830.0	504828.4	5407868.7	7655.00000	257.22	130	48.823780	-86.934219	56082.27	56241.3	8.67	56090.94	56104.70313	56086.50113	56089.01563	504828.4	5407868.7
L4830.0	504828.4	5407870.0	7655.10010	260.64	130	48.823792	-86.934218	56082.30	56241.3	8.67	56090.97	56104.78906	56086.42495	56088.98047	504828.4	5407870.0
L4830.0	504828.4	5407871.6	7655.20020	265.38	130	48.823807	-86.934218	56082.20	56241.3	8.67	56090.87	56104.74219	56086.32937	56088.92578	504828.4	5407871.6
L4830.0	504828.4	5407871.6	7655.29981	268.35	130	48.823807	-86.934218	56081.82	56241.3	8.67	56090.49	56104.41406	56086.20312	56088.84375	504828.4	5407871.6
L4830.0	504828.4	5407873.5	7655.39990	269.34	130	48.823823	-86.934218	56082.07	56241.3	8.67	56090.74	56104.71484	56086.10944	56088.78906	504828.4	5407873.5
L4830.0	504828.4	5407874.9	7655.50000	269.97	130	48.823836	-86.934218	56081.65	56241.3	8.67	56090.32	56104.34375	56085.95995	56088.67969	504828.4	5407874.9
L4830.0	504828.4	5407874.9	7655.60010	268.30	130	48.823836	-86.934218	56081.34	56241.3	8.67	56090.01	56104.08203	56085.80936	56088.57031	504828.4	5407874.9
L4830.0	504828.4	5407876.4	7655.70020	265.95	130	48.823850	-86.934218	56081.12	56241.3	8.67	56089.79	56103.91016	56085.65598	56088.46094	504828.4	5407876.4
L4830.0	504828.4	5407878.1	7655.79981	264.83	130	48.823865	-86.934218	56080.98	56241.3	8.67	56089.65	56103.81250	56085.49832	56088.34375	504828.4	5407878.1
L4830.0	504828.4	5407879.9	7655.89990	263.31	130	48.823882	-86.934218	56081.16	56241.3	8.67	56089.83	56104.03516	56085.33914	56088.22656	504828.4	5407879.9
L4830.0	504828.4	5407879.9	7656.00000	261.04	130	48.823882	-86.934218	56080.91	56241.3	8.67	56089.58	56103.82813	56085.16380	56088.08984	504828.4	5407879.9
L4830.0	504828.4	5407881.6	7656.10010	260.79	130	48.823896	-86.934218	56080.86	56241.3	8.67	56089.52	56103.80859	56084.98374	56087.95313	504828.4	5407881.6
L4830.0	504828.4	5407883.2	7656.20020	261.26	130	48.823911	-86.934218	56080.58	56241.3	8.67	56089.25	56103.57813	56084.80307	56087.81250	504828.4	5407883.2
L4830.0	504828.4	5407883.2	7656.29981	259.57	130	48.823911	-86.934218	56080.56	56241.3	8.67	56089.22	56103.58203	56084.61171	56087.66016	504828.4	5407883.2
L4830.0	504828.4	5407885.1	7656.39990	258.01	130	48.823928	-86.934218	56080.40	56241.3	8.67	56089.07	56103.46875	56084.42826	56087.51953	504828.4	5407885.1
L4830.0	504828.4	5407885.1	7656.50000	253.92	130	48.823928	-86.934218	56080.31	56241.3	8.67	56088.97	56103.40234	56084.31539	56087.44922	504828.4	5407885.1
L4830.0	504828.4	5407887.0	7656.60010	253.56	130	48.823945	-86.934218	56080.25	56241.3	8.66	56088.91	56103.37500	56084.19873	56087.37109	504828.4	5407887.0
L4830.0	504828.4	5407888.6	7656.70020	254.29	130	48.823960	-86.934218	56079.67	56241.3	8.66	56088.33	56102.82813	56084.11565	56087.32813	504828.4	5407888.6
L4830.0	504828.4	5407890.0	7656.79981	251.44	130	48.823972	-86.934218	56079.57	56241.3	8.66	56088.23	56102.75781	56083.99947	56087.25391	504828.4	5407890.0
L4830.0	504828.4	5407890.0	7656.89990	251.45	130	48.823972	-86.934218	56079.62	56241.3	8.66	56088.28	56102.83203	56083.87223	56087.16797	504828.4	5407890.0
L4830.0	504828.4	5407891.5	7657.00000	249.55	130	48.823985	-86.934218	56079.19	56241.3	8.66	56087.85	56102.42969	56083.77592	56087.10938	504828.4	5407891.5
L4830.0	504828.4	5407892.9	7657.10010	249.19	130	48.823998	-86.934218	56078.86	56241.3	8.66	56087.52	56102.12500	56083.67190	56087.04688	504828.4	5407892.9
L4830.0	504828.4	5407894.8	7657.20020	249.23	130	48.824015	-86.934218	56078.73	56241.3	8.66	56087.39	56102.01953	56083.55351	56086.96875	504828.4	5407894.8
L4830.0	504828.4	5407894.8	7657.29981	251.11	130	48.824015	-86.934218	56078.25	56241.3	8.66	56086.91	56101.55859	56083.45743	56086.91016	504828.4	5407894.8
L4830.0	504828.4	5407896.4	7657.39990	253.55	130	48.824030	-86.934218	56077.72	56241.3	8.66	56086.38	56101.05078	56083.36368	56086.85547	504828.4	5407896.4
L4830.0	504828.4	5407898.3	7657.50000	252.03	130	48.824047	-86.934217	56078.18	56241.3	8.65	56086.83	56101.51953	56083.20359	56086.73438	504828.4	5407898.3
L4830.0	504828.4	5407898.3	7657.60010	253.04	130	48.824047	-86.934217	56077.85	56241.3	8.65	56086.50	56101.20703	56083.09453	56086.66406	504828.4	5407898.3
L4830.0	504828.4	5407899.9	7657.70020	251.62	130	48.824062	-86.934217	56078.28	56241.3	8.65	56086.93	56101.65234	56082.93383	56086.54297	504828.4	5407899.9
L4830.0	504828.4	5407901.6	7657.79981	250.18	130	48.824076	-86.934217	56078.10	56241.3	8.65	56086.75	56101.48438	56082.81284	56086.46094	504828.4	5407901.6
L4830.0	504828.4	5407901.6	7657.89990	248.76	130	48.824076	-86.934217	56077.49	56241.3	8.65	56086.14	56100.88672	56082.71957	56086.40625	504828.4	5407901.6
L4830.0	504828.4	5407902.8	7658.00000	249.02	130	48.824087	-86.934217	56077.80	56241.3	8.65	56086.45	56101.20703	56082.56405	56086.28906	504828.4	5407902.8
L4830.0	504828.5	5407904.0	7658.10010	252.36	130	48.824099	-86.934217	56077.68	56241.4	8.65	56086.32	56101.08984	56082.43694	56086.19922	504828.5	5407904.0
L4830.0	504828.5	5407905.5	7658.20020	256.78	130	48.824111	-86.934217	56077.02	56241.4	8.65	56085.66	56100.43750	56082.34427	56086.14453	504828.5	5407905.5
L4830.0	504828.5	5407907.0	7658.29981	260.77	130	48.824125	-86.934217	56076.81	56241.4	8.65	56085.46	56100.24219	56082.22004	56086.05469	504828.5	5407907.0
L4830.0	504828.5	5407908.2	7658.39990	261.82	130	48.824136	-86.934217	56076.91	56241.4	8.65	56085.56	56100.34766	56082.07494	56085.94531	504828.5	5407908.2
L4830.0	504828.5	5407908.2	7658.50000	260.14	130	48.824136	-86.934217	56076.38	56241.4	8.65	56085.02	56099.81250	56081.97166	56085.87891	504828.5	5407908.2
L4830.0	504828.5	5407909.7	7658.60010	258.04	130	48.824150	-86.934217	56075.98	56241.4	8.64	56084.62	56099.41406	56081.85820	56085.80078	504828.5	5407909.7
L4830.0	504828.5	5407911.1	7658.70020	256.93	130	48.824162	-86.934216	56076.15	56241.4	8.64	56084.80	56099.59375	56081.70526	56085.68359	504828.5	5407911.1
L4830.0	504828.5	5407912.7	7658.79981	257.75	130	48.824176	-86.934216	56075.93	56241.4	8.64	56084.57	56099.36328	56081.57884	56085.59375	504828.5	5407912.7
L4830.0	504828.5	5407914.1	7658.89990	256.72	130	48.824189	-86.934216	56076.10	56241.4	8.64	56084.74	56099.53125	56081.42496	56085.47266	504828.5	5407914.1
L4830.0	504828.5	5407914.1	7659.00000	254.84	130	48.824189	-86.934216	56075.40	56241.4	8.64	56084.04	56098.82813	56081.32832	56085.41016	504828.5	5407914.1
L4830.0	504828.5	5407916.0	7659.10010	253.08	130	48.824206	-86.934216	56075.57	56241.4	8.64	56084.21	56098.99219	56081.17292	56085.28906	504828.5	5407916.0
L4830.0	504828.5	5407916.0	7659.20020	253.84	130	48.824206	-86.934216	56075.04	56241.4	8.64	56083.68	56098.45703	56081.06345	56085.21094	504828.5	5407916.0
L4830.0	504828.5	5407917.5	7659.29981	252.39	130	48.824220	-86.934216	56074.79	56241.4	8.64	56083.43	56098.19922	56080.93459	56085.11719	504828.5	5407917.5
L4830.0	504828.5	5407918.9	7659.39990	251.77	130	48.824232	-86.934216	56074.51	56241.4	8.64	56083.15	56097.90625	56080.80704	56085.01953	504828.5	5407918.9
L4830.0	504828.5	5407920.6	7659.50000	250.44	130	48.824247	-86.934216	56074.56	56241.4	8.65	56083.20	56097.94531	56080.65681	56084.90234	504828.5	5407920.6
L4830.0	504828.5	5407921.7	7659.60010	250.53	130	48.824258	-86.934216	56074.13	56241.4	8.65	56082.78	56097.51563	56080.53724	56084.81250	504828.5	5407921.7
L4830.0	504828.5	5407923.4	7659.70020	250.51	130	48.824273	-86.934216	56073.75	56241.4	8.65	56082.39	56097.10938	56080.41504	56084.72266	504828.5	5407923.4
L4830.0	504828.5	5407923.4	7659.79981	251.02	130	48.824273	-86.934216	56073.95	56241.4	8.65	56082.60	56097.30469	56080.25221	56084.58984	504828.5	5407923.4
L4830.0	504828.5	5407925.2	7659.89990	251.97	130	48.824289	-86.934216	56073.63	56241.4	8.65	56082.27	56096.96094	56080.12477	56084.49219	504828.5	5407925.2
L4830.0	504828.5	5407926.5	7660.00000	252.50	130	48.824301	-86.934216	56073.18	56241.3	8.65	56081.83	56096.50000	56080.02232	56084.41797	504828.5	5407926.5
L4830.0	504828.5	5407927.9	7660.10010	255.37	130	48.824313	-86.934216	56073.02	56241.4	8.65	56081.67	56096.32422	56079.91137	56084.33594	504828.5	5407927.9
L4830.0	504828.5	5407927.9	7660.20020	257.63	130	48.824313	-86.934216	56072.79	56241.4	8.65	56081.44	56096.07031	56079.80147	56084.25391	504828.5	5407927.9
L4830.0	504828.5	5407929.2	7660.29981	260.48	130	48.824325	-86.934216	56072.40	56241.4	8.65	56081.05	56095.66016	56079.68845	56084.16797	504828.5	5407929.2
L4830.0	504828.5	5407930.7	7660.39990	261.67	130	48.824339	-86.934216	56072.28	56241.4	8.65	56080.93	56095.51563	56079.56931	56084.07813	504828.5	5407930.7
L4830.0	504828.5	5407930.7	7660.50000	264.87	130	48.824339	-86.934216	56072.34	56241.4	8.65	56080.98	56095.54297	56079.45402	56083.98828	504828.5	5407930.7
L4830.0	504828.5	5407932.5	7660.60010	268.47	130	48.824355	-86.934216	56071.75	56241.4	8.64	56080.40	56094.93750	56079.31389	56083.87500	504828.5	5407932.5
L4830.0	504828.5	5407934.0	7660.70020	268.45	130	48.824368	-86.934216	56071.52	56241.4	8.64	56080.17	56094.67969	56079.17916	56083.76172	504828.5	5407934.0
L4830.0	504828.5	5407935.6	7660.79981	270.24	130	48.824382	-86.934215	56071.42	56241.4	8.64	56080.06	56094.53906	56079.04758	56083.65625	504828.5	5407935.6
L4830.0	504828.6	5407937.0	7660.89990	268.82	130	48.824395	-86.934215	56071.49	56241.4	8.64	56080.13	56094.58203	56078.92659	56083.55859	504828.6	5407937.0
L4830.0	504828.6	5407937.0	7661.00000	269.48	130	48.824395	-86.934215	56071.28	56241.4	8.64	56079.92	56094.33984	56078.78183	56083.43750	504828.6	5407937.0
L4830.0	504828.6	5407938.6	7661.10010	271.04	130	48.824409	-86.934215	56070.89	56241.4	8.64	56079.53	56093.91797	56078.61821	56083.29688	504828.6	5407938.6
L4830.0	504828.6	5407940.9	7661.20020	270.53	130	48.824430	-86.934215	56070.62	56241.4	8.64	56079.25	56093.60547	56078.45998	56083.16016	504828.6	5407940.9
L4830.0	504828.6	5407940.9	7661.29981	267.03	130	48.824430	-86.934215	56070.29	56241.4	8.63	56078.92	56093.23828	56078.29615	56083.01953	504828.6	5407940.9
L4830.0	504828.6	5407943.1	7661.39990	262.12	130	48.824450	-86.934214	56070.31	56241.4	8.63	56078.94	56093.22266	56078.15581	56082.89844	504828.6	5407943.1
L4830.0	504828.6	5407943.1	7661.50000	256.79	130	48.824450	-86.934214	56070.18	56241.4	8.63	56078.81	56093.05469	56078.00194	56082.76563	504828.6	5407943.1
L4830.0	504828.6	5407944.5	7661.60010	252.85	130	48.824463	-86.934214	56069.93	56241.4	8.63	56078.56	56092.76563	56077.84021	56082.62109	504828.6	5407944.5
L4830.0	504828.6	5407945.9	7661.70020	252.36	130	48.824475	-86.934214	56069.93	56241.4	8.63	56078.55	56092.71875	56077.68795	56082.48828	504828.6	5407945.9
L4830.0	504828.7	5407947.4	7661.79981	252.16	130	48.824489	-86.934214	56069.84	56241.4	8.62	56078.46	56092.58594	56077.52953	56082.34766	504828.7	5407947.4
L4830.0	504828.7	5407947.4	7661.89990	254.83	130	48.824489	-86.934214	56069.30	56241.4	8.62	56077.92	56092.00391	56077.36502	56082.20313	504828.7	5407947.4
L4830.0	504828.7	5407949.3	7662.00000	256.83	130	48.824506	-86.934213	56069.60	56241.4	8.62	56078.22	56092.26172	56077.20751	56082.06250	504828.7	5407949.3
L4830.0	504828.7	5407950.6	7662.10010	257.85	130	48.824517	-86.934213	56068.74	56241.4	8.62	56077.36	56091.35547	56077.05721	56081.92578	504828.7	5407950.6
L4830.0	504828.7	5407952.0	7662.20020	258.12	130	48.824530	-86.934213	56068.59	56241.4	8.62	56077.21	56091.16016	56076.90453	56081.78906	504828.7	5407952.0
L4830.0	504828.7	5407952.0	7662.29981	256.12	130	48.824530	-86.934213	56068.56	56241.4	8.62	56077.19	56091.09375	56076.74758	56081.64844	504828.7	5407952.0
L4830.0	504828.7	5407953.5	7662.39990	252.82	130	48.824544	-86.934213	56068.36	56241.4	8.62	56076.99	56090.84375	56076.59648	56081.50781	504828.7	5407953.5
L4830.0	504828.8	5407955.2	7662.50000	251.44	130	48.824558	-86.934212	56068.36	56241.4	8.63	56076.99	56090.79688	56076.43711	56081.36328	504828.8	5407955.2
L4830.0	504828.8	5407956.7	7662.60010	251.75	130	48.824572	-86.934212	56068.02	56241.4	8.63	56076.64	56090.39453	56076.29459	56081.23438	504828.8	5407956.7
L4830.0	504828.8	5407956.7	7662.70020	252.32	130	48.824572	-86.934212	56067.83	56241.4	8.63	56076.46	56090.16406	56076.14460	56081.09375	504828.8	5407956.7
L4830.0	504828.8	5407958.1	7662.79981	253.12	130	48.824585	-86.934212	56067.70	56241.4	8.63	56076.33	56089.98047	56075.99237	56080.95313	504828.8	5407958.1
L4830.0	504828.8	5407959.5	7662.89990	254.54	130	48.824598	-86.934212	56067.48	56241.4	8.63	56076.11	56089.70703	56075.84475	56080.81641	504828.8	5407959.5
L4830.0	504828.8	5407961.3	7663.00000	257.44	130	48.824614	-86.934212	56066.82	56241.4	8.63	56075.45	56088.99219	56075.71656	56080.69922	504828.8	5407961.3
L4830.0	504828.8	5407961.3	7663.10010	259.28	130	48.824614	-86.934212	56066.82	56241.4	8.63	56075.45	56088.93750	56075.55716	56080.54688	504828.8	5407961.3
L4830.0	504828.8	5407962.9	7663.20020	261.18	130	48.824628	-86.934212	56066.52	56241.4	8.63	56075.15	56088.57813	56075.40950	56080.41016	504828.8	5407962.9
L4830.0	504828.8	5407964.6	7663.29981	260.82	130	48.824643	-86.934212	56066.43	56241.4	8.62	56075.06	56088.43359	56075.25365	56080.26172	504828.8	5407964.6
L4830.0	504828.8	5407966.2	7663.39990	260.59	130	48.824658	-86.934212	56066.04	56241.4	8.62	56074.66	56087.97266	56075.10591	56080.11719	504828.8	5407966.2
L4830.0	504828.8	5407966.2	7663.50000	261.46	130	48.824658	-86.934212	56065.84	56241.4	8.62	56074.46	56087.71094	56074.95152	56079.96875	504828.8	5407966.2
L4830.0	504828.7	5407968.2	7663.60010	261.71	130	48.824675	-86.934212	56065.84	56241.4	8.62	56074.45	56087.64063	56074.79380	56079.81641	504828.7	5407968.2
L4830.0	504828.7	5407969.6	7663.70020	260.55	130	48.824688	-86.934212	56065.53	56241.4	8.62	56074.14	56087.26953	56074.64079	56079.66797	504828.7	5407969.6

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4830.0	504828.7	5407969.6	7663.79981	259.62	130	48.824688	-86.934212	56065.53	56241.4	8.61	56074.14	56087.20703	56074.48429	56079.51563	504828.7	5407969.6
L4830.0	504828.7	5407970.8	7663.89990	258.60	130	48.824699	-86.934212	56065.23	56241.4	8.61	56073.84	56086.84375	56074.33092	56079.36719	504828.7	5407970.8
L4830.0	504828.7	5407972.7	7664.00000	259.84	130	48.824717	-86.934213	56065.35	56241.4	8.61	56073.96	56086.89844	56074.17453	56079.21094	504828.7	5407972.7
L4830.0	504828.7	5407974.2	7664.10010	260.02	130	48.824730	-86.934213	56064.70	56241.4	8.61	56073.30	56086.17188	56074.02498	56079.06641	504828.7	5407974.2
L4830.0	504828.7	5407974.2	7664.20020	259.98	130	48.824730	-86.934213	56064.39	56241.4	8.61	56073.00	56085.80469	56073.87384	56078.91406	504828.7	5407974.2
L4830.0	504828.7	5407975.7	7664.29981	261.27	130	48.824743	-86.934213	56064.72	56241.4	8.61	56073.33	56086.06641	56073.71454	56078.75391	504828.7	5407975.7
L4830.0	504828.7	5407977.1	7664.39990	261.30	130	48.824756	-86.934213	56063.91	56241.4	8.61	56072.51	56085.17578	56073.57416	56078.61328	504828.7	5407977.1
L4830.0	504828.7	5407977.1	7664.50000	260.22	130	48.824756	-86.934213	56063.76	56241.4	8.60	56072.36	56084.95703	56073.42380	56078.46094	504828.7	5407977.1
L4830.0	504828.7	5407980.6	7664.60010	259.04	130	48.824787	-86.934213	56063.48	56241.4	8.60	56072.08	56084.60547	56073.27722	56078.31250	504828.7	5407980.6
L4830.0	504828.7	5407980.6	7664.70020	259.06	130	48.824787	-86.934213	56063.79	56241.4	8.60	56072.39	56084.84766	56073.11108	56078.14453	504828.7	5407980.6
L4830.0	504828.6	5407982.0	7664.79981	258.99	130	48.824800	-86.934214	56063.50	56241.4	8.60	56072.10	56084.48438	56072.96368	56077.99609	504828.6	5407982.0
L4830.0	504828.6	5407983.2	7664.89990	260.39	130	48.824811	-86.934214	56063.36	56241.4	8.60	56071.96	56084.26953	56072.81028	56077.83594	504828.6	5407983.2
L4830.0	504828.6	5407984.7	7665.00000	258.63	130	48.824824	-86.934214	56063.20	56241.4	8.60	56071.80	56084.03516	56072.65695	56077.67969	504828.6	5407984.7
L4830.0	504828.6	5407984.7	7665.10010	258.98	130	48.824824	-86.934214	56062.34	56241.4	8.60	56070.94	56083.10156	56072.53827	56077.55469	504828.6	5407984.7
L4830.0	504828.6	5407986.4	7665.20020	256.95	130	48.824840	-86.934214	56062.42	56241.4	8.60	56071.02	56083.10547	56072.37261	56077.38281	504828.6	5407986.4
L4830.0	504828.5	5407987.9	7665.29981	255.30	130	48.824853	-86.934215	56062.38	56241.4	8.60	56070.98	56082.98828	56072.21151	56077.21484	504828.5	5407987.9
L4830.0	504828.5	5407987.9	7665.39990	255.66	130	48.824853	-86.934215	56062.32	56241.4	8.60	56070.92	56082.85156	56072.05031	56077.04297	504828.5	5407987.9
L4830.0	504828.5	5407989.8	7665.50000	256.32	130	48.824870	-86.934215	56061.81	56241.4	8.61	56070.41	56082.26563	56071.91377	56076.89844	504828.5	5407989.8
L4830.0	504828.5	5407991.4	7665.60010	256.56	130	48.824884	-86.934216	56061.99	56241.4	8.61	56070.60	56082.37500	56071.73673	56076.71484	504828.5	5407991.4
L4830.0	504828.5	5407992.9	7665.70020	255.80	130	48.824898	-86.934216	56061.40	56241.4	8.61	56070.01	56081.70703	56071.60372	56076.57031	504828.5	5407992.9
L4830.0	504828.5	5407992.9	7665.79981	256.77	130	48.824898	-86.934216	56061.03	56241.4	8.61	56069.64	56081.25781	56071.45744	56076.41406	504828.5	5407992.9
L4830.0	504828.4	5407994.3	7665.89990	255.44	130	48.824910	-86.934216	56060.95	56241.4	8.61	56069.55	56081.08594	56071.29451	56076.23828	504828.4	5407994.3
L4830.0	504828.4	5407995.9	7666.00000	258.11	130	48.824924	-86.934216	56060.90	56241.4	8.61	56069.51	56080.96484	56071.12835	56076.06250	504828.4	5407995.9
L4830.0	504828.4	5407997.2	7666.10010	256.96	130	48.824937	-86.934217	56060.70	56241.4	8.61	56069.31	56080.68359	56070.97095	56075.89063	504828.4	5407997.2
L4830.0	504828.4	5407998.7	7666.20020	259.26	130	48.824950	-86.934217	56060.45	56241.4	8.61	56069.06	56080.35156	56070.81614	56075.72266	504828.4	5407998.7
L4830.0	504828.4	5407998.7	7666.29981	259.88	130	48.824950	-86.934217	56060.04	56241.4	8.61	56068.65	56079.85547	56070.67017	56075.56250	504828.4	5407998.7
L4830.0	504828.3	5408000.6	7666.39990	260.27	130	48.824967	-86.934217	56059.64	56241.4	8.61	56068.25	56079.37109	56070.52387	56075.40234	504828.3	5408000.6
L4830.0	504828.3	5408002.1	7666.50000	262.26	130	48.824980	-86.934218	56059.54	56241.4	8.62	56068.15	56079.18750	56070.36144	56075.22266	504828.3	5408002.1
L4830.0	504828.3	5408002.1	7666.60010	260.81	130	48.824980	-86.934218	56059.58	56241.4	8.62	56068.20	56079.15234	56070.19105	56075.03516	504828.3	5408002.1
L4830.0	504828.3	5408003.8	7666.70020	259.46	130	48.824996	-86.934218	56059.74	56241.4	8.62	56068.36	56079.22656	56070.01449	56074.84375	504828.3	5408003.8
L4830.0	504828.3	5408005.4	7666.79981	258.95	130	48.825010	-86.934218	56059.23	56241.4	8.62	56067.85	56078.63281	56069.87815	56074.68750	504828.3	5408005.4
L4830.0	504828.3	5408007.1	7666.89990	257.95	130	48.825025	-86.934218	56059.18	56241.4	8.62	56067.80	56078.49609	56069.71548	56074.50781	504828.3	5408007.1
L4830.0	504828.3	5408007.1	7667.00000	255.47	130	48.825025	-86.934218	56059.03	56241.4	8.62	56067.65	56078.25781	56069.55828	56074.33203	504828.3	5408007.1
L4830.0	504828.3	5408008.3	7667.10010	255.71	130	48.825036	-86.934218	56058.92	56241.4	8.62	56067.54	56078.06250	56069.39273	56074.14453	504828.3	5408008.3
L4830.0	504828.3	5408009.9	7667.20020	254.60	130	48.825051	-86.934218	56058.63	56241.4	8.61	56067.24	56077.67188	56069.23944	56073.97266	504828.3	5408009.9
L4830.0	504828.3	5408011.2	7667.29981	255.14	130	48.825062	-86.934218	56058.60	56241.4	8.61	56067.20	56077.54688	56069.06839	56073.78125	504828.3	5408011.2
L4830.0	504828.3	5408012.9	7667.39990	256.55	130	48.825078	-86.934218	56058.09	56241.4	8.60	56066.69	56076.94531	56068.92825	56073.61719	504828.3	5408012.9
L4830.0	504828.3	5408014.6	7667.50000	256.08	130	48.825093	-86.934218	56057.99	56241.4	8.60	56066.59	56076.75781	56068.76032	56073.42969	504828.3	5408014.6
L4830.0	504828.3	5408014.6	7667.60010	257.15	130	48.825093	-86.934218	56058.04	56241.4	8.59	56066.63	56076.70703	56068.58260	56073.22656	504828.3	5408014.6
L4830.0	504828.3	5408016.3	7667.70020	256.18	130	48.825108	-86.934218	56057.66	56241.4	8.58	56066.25	56076.23828	56068.43239	56073.05469	504828.3	5408016.3
L4830.0	504828.3	5408017.9	7667.79981	256.45	130	48.825122	-86.934218	56058.07	56241.4	8.58	56066.65	56076.55078	56068.22969	56072.82422	504828.3	5408017.9
L4830.0	504828.3	5408017.9	7667.89990	255.58	130	48.825122	-86.934218	56057.21	56241.4	8.57	56065.78	56075.58984	56068.11115	56072.68359	504828.3	5408017.9
L4830.0	504828.3	5408019.2	7668.00000	256.63	130	48.825134	-86.934218	56057.64	56241.4	8.57	56066.21	56075.92969	56067.90542	56072.45313	504828.3	5408019.2
L4830.0	504828.3	5408020.6	7668.10010	257.42	130	48.825147	-86.934218	56056.83	56241.4	8.57	56065.40	56075.03125	56067.78181	56072.30078	504828.3	5408020.6
L4830.0	504828.2	5408022.2	7668.20020	257.92	130	48.825161	-86.934219	56056.57	56241.4	8.57	56065.15	56074.68750	56067.62031	56072.11328	504828.2	5408022.2
L4830.0	504828.2	5408022.2	7668.29981	257.59	130	48.825161	-86.934219	56055.87	56241.4	8.57	56064.44	56073.88672	56067.48890	56071.95313	504828.2	5408022.2
L4830.0	504828.2	5408023.6	7668.39990	253.76	130	48.825174	-86.934219	56056.12	56241.4	8.57	56064.70	56074.05859	56067.29224	56071.73047	504828.2	5408023.6
L4830.0	504828.2	5408026.0	7668.50000	250.69	130	48.825195	-86.934219	56055.82	56241.4	8.57	56064.39	56073.65625	56067.13298	56071.54297	504828.2	5408026.0
L4830.0	504828.2	5408026.0	7668.60010	250.94	130	48.825195	-86.934219	56055.84	56241.4	8.58	56064.42	56073.59766	56066.95043	56071.32813	504828.2	5408026.0
L4830.0	504828.2	5408027.3	7668.70020	251.28	130	48.825207	-86.934219	56055.39	56241.4	8.58	56063.96	56073.04688	56066.79991	56071.14844	504828.2	5408027.3
L4830.0	504828.2	5408028.7	7668.79981	253.47	130	48.825220	-86.934219	56055.28	56241.4	8.58	56063.86	56072.85547	56066.62474	56070.94531	504828.2	5408028.7
L4830.0	504828.2	5408030.0	7668.89990	254.17	130	48.825231	-86.934219	56054.98	56241.4	8.58	56063.56	56072.46484	56066.46223	56070.75000	504828.2	5408030.0
L4830.0	504828.2	5408030.0	7669.00000	253.33	130	48.825231	-86.934219	56054.88	56241.4	8.58	56063.46	56072.27344	56066.25666	56070.51172	504828.2	5408030.0
L4830.0	504828.2	5408031.9	7669.10010	252.84	130	48.825248	-86.934219	56054.61	56241.4	8.58	56063.19	56071.91406	56066.05050	56070.27344	504828.2	5408031.9
L4830.0	504828.2	5408033.2	7669.20020	255.83	130	48.825260	-86.934218	56054.61	56241.4	8.58	56063.19	56071.82031	56065.83364	56070.02344	504828.2	5408033.2
L4830.0	504828.2	5408034.8	7669.29981	257.53	130	48.825275	-86.934218	56054.40	56241.4	8.58	56062.98	56071.51953	56065.62499	56069.78125	504828.2	5408034.8
L4830.0	504828.3	5408036.5	7669.39990	260.19	130	48.825290	-86.934218	56054.04	56241.4	8.58	56062.62	56071.07031	56065.41713	56069.53906	504828.3	5408036.5
L4830.0	504828.3	5408036.5	7669.50000	263.86	130	48.825290	-86.934218	56053.92	56241.4	8.58	56062.50	56070.85938	56065.21021	56069.30078	504828.3	5408036.5
L4830.0	504828.3	5408038.4	7669.60010	265.23	130	48.825307	-86.934218	56053.87	56241.4	8.58	56062.45	56070.72266	56065.00964	56069.06250	504828.3	5408038.4
L4830.0	504828.3	5408039.6	7669.70020	265.27	130	48.825318	-86.934218	56053.39	56241.4	8.58	56061.97	56070.15234	56064.80332	56068.82031	504828.3	5408039.6
L4830.0	504828.3	5408039.6	7669.79981	266.27	130	48.825318	-86.934218	56053.34	56241.4	8.58	56061.92	56070.01172	56064.61362	56068.59766	504828.3	5408039.6
L4830.0	504828.3	5408041.2	7669.89990	265.35	130	48.825333	-86.934217	56053.01	56241.4	8.58	56061.59	56069.59375	56064.42096	56068.36719	504828.3	5408041.2
L4830.0	504828.3	5408042.8	7670.00000	266.45	130	48.825347	-86.934217	56053.11	56241.4	8.58	56061.69	56069.60547	56064.25149	56068.16016	504828.3	5408042.8
L4830.0	504828.3	5408044.3	7670.10010	265.87	130	48.825360	-86.934217	56052.48	56241.4	8.58	56061.06	56068.88672	56064.06268	56067.93359	504828.3	5408044.3
L4830.0	504828.3	5408044.3	7670.10010	265.87	130	48.825360	-86.934217	56052.45	56241.4	8.58	56061.03	56068.76953	56063.90426	56067.73828	504828.3	5408044.3
L4830.0	504828.3	5408046.0	7670.20020	265.31	130	48.825375	-86.934217	56051.94	56241.4	8.58	56060.52	56068.17188	56063.74230	56067.53516	504828.3	5408046.0
L4830.0	504828.3	5408047.4	7670.29981	263.81	130	48.825388	-86.934217	56052.38	56241.4	8.58	56060.96	56068.52344	56063.60492	56067.35938	504828.3	5408047.4
L4830.0	504828.3	5408048.9	7670.50000	261.00	130	48.825402	-86.934217	56052.18	56241.4	8.57	56060.75	56068.23047	56063.46233	56067.17578	504828.3	5408048.9
L4830.0	504828.3	5408048.9	7670.60010	260.11	130	48.825402	-86.934217	56051.62	56241.4	8.57	56060.20	56067.59375	56063.33525	56067.01172	504828.3	5408048.9
L4830.0	504828.3	5408050.8	7670.70020	257.66	130	48.825418	-86.934217	56051.08	56241.4	8.57	56059.66	56066.96875	56063.22780	56066.86328	504828.3	5408050.8
L4830.0	504828.3	5408052.2	7670.79981	257.04	130	48.825431	-86.934217	56051.08	56241.4	8.57	56059.65	56066.87109	56063.10390	56066.69922	504828.3	5408052.2
L4830.0	504828.3	5408053.4	7670.89990	253.45	130	48.825442	-86.934217	56050.63	56241.4	8.57	56059.20	56066.33984	56062.93417	56066.48438	504828.3	5408053.4
L4830.0	504828.4	5408055.1	7671.00000	251.65	130	48.825457	-86.934217	56050.43	56241.4	8.57	56059.00	56066.05469	56062.74673	56066.25781	504828.4	5408055.1
L4830.0	504828.4	5408055.9	7671.10010	249.34	130	48.825465	-86.934216	56050.43	56241.4	8.57	56058.99	56065.96094	56062.54555	56066.01172	504828.4	5408055.9
L4830.0	504828.4	5408055.9	7671.20020	249.45	130	48.825465	-86.934216	56050.11	56241.4	8.57	56058.67	56065.55859	56062.36396	56065.78906	504828.4	5408055.9
L4830.0	504828.4	5408057.4	7671.29981	250.36	130	48.825479	-86.934216	56050.10	56241.4	8.57	56058.66	56065.46875	56062.16061	56065.54297	504828.4	5408057.4
L4830.0	504828.4	5408059.2	7671.39990	251.51	130	48.825494	-86.934216	56049.46	56241.4	8.57	56058.03	56064.75781	56061.99748	56065.33594	504828.4	5408059.2
L4830.0	504828.4	5408059.2	7671.50000	251.75	130	48.825494	-86.934216	56049.41	56241.4	8.57	56057.98	56064.62891	56061.79456	56065.08594	504828.4	5408059.2
L4830.0	504828.4	5408061.1	7671.60010	250.14	130	48.825511	-86.934216	56049.29	56241.4	8.56	56057.85	56064.41797	56061.59583	56064.84375	504828.4	5408061.1
L4830.0	504828.4	5408063.0	7671.70020	248.18	130	48.825529	-86.934215	56048.96	56241.4	8.56	56057.52	56064.01172	56061.40928	56064.61328	504828.4	5408063.0
L4830.0	504828.4	5408064.2	7671.79981	244.66	130	48.825540	-86.934215	56048.84	56241.4	8.56	56057.40	56063.81250	56061.20757	56064.36719	504828.4	5408064.2
L4830.0	504828.4	5408065.4	7671.89990	246.63	130	48.825550	-86.934215	56047.77	56241.4	8.56	56056.33	56062.66797	56061.06801	56064.17969	504828.4	5408065.4
L4830.0	504828.4	5408065.4	7672.00000	243.11	130	48.825550	-86.934215	56048.23	56241.4	8.56	56056.79	56063.05078	56060.82526	56063.89063	504828.4	5408065.4
L4830.0	504828.5	5408066.9	7672.10010	245.14	130	48.825563	-86.934215	56047.80	56241.4	8.56	56056.36	56062.54688	56060.64063	56063.66016	504828.5	5408066.9
L4830.0	504828.5	5408068.8	7672.20020	246.40	130	48.825581	-86.934215	56047.49	56241.4	8.56	56056.05	56062.16406	56060.44679	56063.42188	504828.5	5408068.8
L4830.0	504828.5	5408070.5	7672.29981	247.10	130	48.825596	-86.934215	56046.89	56241.4	8.56	56055.44	56061.48047	56060.27173	56063.19922	504828.5	5408070.5
L4830.0	504828.5	5408071.9	7672.39990	247.22	130	48.825608	-86.934214	56046.84	56241.4	8.56	56055.39	56061.35938	56060.05809	56062.93750	504828.5	5408071.9
L4830.0	504828.5	5408071.9	7672.50000	247.63	130	48.825608	-86.934214	56046.51	56241.4	8.56	56055.06	56060.95703	56059.86187	56062.69141	504828.5	5408071.9
L4830.0	504828.5	5408073.1	7672.60010	249.54	130	48.825619	-86.934214	56046.48	56241.4	8.55	56055.03	56060.85547	56059.64439	56062.42578	504828.5	5408073.1
L4830.0	504828.5	5408074.7	7672.70020	250.13	130	48.825634	-86.934214	56046.25	56241.4	8.55	56054.80	56060.55859	56059.43898	56062.17188	504828.5	5408074.7
L4830.0	504828.5	5408074.7	7672.79981	251.89	130	48.825634	-86.934214	56045.93	56241.4	8.55	56054.48	56060.17188	56059.17370	56061.85938	504828.5	5408074.7
L4830.0	504828.5	5408076.3	7672.89990	253.91	130	48.825648	-86.934214	56045.77	56241.4	8.55	56054.32	56059.94531	56058.81222	56061.44922	504828.5	5408076.3
L4830.0	504828.5	5408077.8	7673.00000	258.39	130	48.825662	-86.934214	56045.24	56241.4	8.55	56053.79	56059.34766	56058.45199	56061.03906	504828.5	5408077.8

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4830.0	504828.5	5408079.4	7673.10010	264.77	130	48.825676	-86.934214	56044.74	56241.5	8.55	56053.29	56058.78516	56058.08017	56060.61719	504828.5	5408079.4
L4830.0	504828.5	5408079.4	7673.20020	270.38	130	48.825676	-86.934214	56044.38	56241.5	8.55	56052.93	56058.35938	56057.71348	56060.20313	504828.5	5408079.4
L4830.0	504828.5	5408080.8	7673.29981	273.34	130	48.825689	-86.934214	56044.28	56241.5	8.55	56052.83	56058.19922	56057.38031	56059.81641	504828.5	5408080.8
L4830.0	504828.5	5408082.4	7673.39990	275.04	130	48.825703	-86.934214	56043.95	56241.5	8.55	56052.50	56057.80859	56057.04260	56059.42969	504828.5	5408082.4
L4830.0	504828.5	5408083.6	7673.50000	279.28	130	48.825714	-86.934214	56043.62	56241.5	8.54	56052.17	56057.41797	56056.72063	56059.05859	504828.5	5408083.6
L4830.0	504828.5	5408085.0	7673.60010	280.62	130	48.825727	-86.934214	56043.65	56241.5	8.54	56052.20	56057.39063	56056.47119	56058.75781	504828.5	5408085.0
L4830.0	504828.5	5408086.3	7673.70020	279.70	130	48.825738	-86.934214	56043.12	56241.5	8.54	56051.66	56056.79297	56056.15682	56058.39063	504828.5	5408086.3
L4830.0	504828.5	5408086.3	7673.79981	276.19	130	48.825738	-86.934214	56042.79	56241.5	8.54	56051.33	56056.40625	56055.89530	56058.07813	504828.5	5408086.3
L4830.0	504828.5	5408088.0	7673.89990	271.87	130	48.825754	-86.934215	56042.48	56241.5	8.54	56051.02	56056.04297	56055.65875	56057.79297	504828.5	5408088.0
L4830.0	504828.5	5408089.6	7674.00000	267.34	130	48.825768	-86.934215	56042.18	56241.5	8.54	56050.72	56055.68750	56055.44562	56057.52734	504828.5	5408089.6
L4830.0	504828.4	5408091.2	7674.10010	263.18	130	48.825782	-86.934215	56042.26	56241.5	8.54	56050.80	56055.71484	56055.31173	56057.34375	504828.4	5408091.2
L4830.0	504828.4	5408091.2	7674.20020	258.75	130	48.825782	-86.934215	56041.88	56241.5	8.54	56050.42	56055.28516	56055.12472	56057.10156	504828.4	5408091.2
L4830.0	504828.4	5408092.5	7674.29981	258.23	130	48.825794	-86.934215	56040.92	56241.5	8.54	56049.46	56054.27344	56054.88459	56056.81250	504828.4	5408092.5
L4830.0	504828.4	5408094.3	7674.39990	257.89	130	48.825810	-86.934215	56041.47	56241.5	8.54	56050.01	56054.77734	56054.84884	56056.72266	504828.4	5408094.3
L4830.0	504828.4	5408095.6	7674.50000	259.10	130	48.825821	-86.934216	56040.64	56241.5	8.54	56049.19	56053.90625	56054.67187	56056.49219	504828.4	5408095.6
L4830.0	504828.4	5408095.6	7674.60010	259.34	130	48.825821	-86.934216	56040.28	56241.5	8.55	56048.83	56053.50391	56054.55706	56056.32813	504828.4	5408095.6
L4830.0	504828.4	5408097.4	7674.70020	258.96	130	48.825838	-86.934216	56040.06	56241.5	8.55	56048.61	56053.23828	56054.45462	56056.17188	504828.4	5408097.4
L4830.0	504828.4	5408098.8	7674.79981	255.22	130	48.825851	-86.934216	56039.60	56241.5	8.55	56048.15	56052.73438	56054.33926	56056.00391	504828.4	5408098.8
L4830.0	504828.4	5408100.2	7674.89990	255.37	130	48.825863	-86.934216	56039.12	56241.5	8.55	56047.67	56052.21094	56054.22116	56055.83203	504828.4	5408100.2
L4830.0	504828.3	5408101.8	7675.00000	254.67	130	48.825877	-86.934216	56038.72	56241.4	8.55	56047.27	56051.76953	56054.09442	56055.65234	504828.3	5408101.8
L4830.0	504828.3	5408101.8	7675.10010	252.65	130	48.825877	-86.934216	56038.16	56241.4	8.55	56046.71	56051.17188	56053.95359	56055.46094	504828.3	5408101.8
L4830.0	504828.3	5408103.1	7675.20020	252.26	130	48.825889	-86.934216	56037.98	56241.4	8.55	56046.53	56050.95313	56053.78379	56055.23828	504828.3	5408103.1
L4830.0	504828.3	5408104.8	7675.29981	255.02	130	48.825905	-86.934217	56037.22	56241.4	8.56	56045.78	56050.16406	56053.60760	56055.00781	504828.3	5408104.8
L4830.0	504828.3	5408106.5	7675.39990	257.11	130	48.825920	-86.934217	56037.30	56241.4	8.56	56045.86	56050.20703	56053.38113	56054.73047	504828.3	5408106.5
L4830.0	504828.3	5408107.7	7675.50000	259.15	130	48.825931	-86.934217	56036.64	56241.4	8.56	56045.20	56049.51172	56053.16163	56054.45703	504828.3	5408107.7
L4830.0	504828.3	5408107.7	7675.60010	262.88	130	48.825931	-86.934217	56036.06	56241.4	8.56	56044.62	56048.89844	56052.92069	56054.16406	504828.3	5408107.7
L4830.0	504828.2	5408109.4	7675.70020	264.76	130	48.825946	-86.934218	56035.48	56241.4	8.56	56044.04	56048.28906	56052.66279	56053.85156	504828.2	5408109.4
L4830.0	504828.2	5408111.1	7675.79981	265.08	130	48.825961	-86.934218	56034.67	56241.4	8.57	56043.24	56047.45703	56052.39633	56053.53516	504828.2	5408111.1
L4830.0	504828.2	5408111.1	7675.89990	260.83	130	48.825961	-86.934218	56033.98	56241.4	8.57	56042.55	56046.73828	56052.11336	56053.19922	504828.2	5408111.1
L4830.0	504828.2	5408112.8	7676.00000	258.60	130	48.825977	-86.934218	56033.43	56241.4	8.57	56042.00	56046.15625	56051.81684	56052.84766	504828.2	5408112.8
L4830.0	504828.2	5408114.2	7676.10010	258.89	130	48.825989	-86.934218	56033.71	56241.4	8.57	56042.28	56046.41016	56051.50632	56052.48438	504828.2	5408114.2
L4830.0	504828.2	5408115.7	7676.20020	260.58	130	48.826003	-86.934219	56033.08	56241.4	8.57	56041.64	56045.74219	56051.20542	56052.13281	504828.2	5408115.7
L4830.0	504828.1	5408117.4	7676.29981	260.81	130	48.826018	-86.934219	56032.70	56241.4	8.56	56041.26	56045.33984	56050.90272	56051.77734	504828.1	5408117.4
L4830.0	504828.1	5408117.4	7676.39990	260.02	130	48.826018	-86.934219	56032.20	56241.4	8.56	56040.76	56044.81250	56050.60012	56051.42188	504828.1	5408117.4
L4830.0	504828.1	5408119.0	7676.50000	260.82	130	48.826032	-86.934219	56031.74	56241.4	8.56	56040.30	56044.33203	56050.29831	56051.06641	504828.1	5408119.0
L4830.0	504828.1	5408120.4	7676.60010	262.82	130	48.826045	-86.934219	56031.11	56241.4	8.56	56039.66	56043.66797	56049.99433	56050.71094	504828.1	5408120.4
L4830.0	504828.1	5408121.7	7676.70020	264.54	130	48.826057	-86.934219	56030.62	56241.4	8.56	56039.18	56043.16797	56049.69451	56050.35938	504828.1	5408121.7
L4830.0	504828.1	5408121.7	7676.79981	264.51	130	48.826057	-86.934219	56029.79	56241.4	8.55	56038.34	56042.30859	56049.38535	56050.00000	504828.1	5408121.7
L4830.0	504828.1	5408123.4	7676.89990	264.67	130	48.826072	-86.934219	56029.54	56241.4	8.55	56038.09	56042.03906	56049.09493	56049.65625	504828.1	5408123.4
L4830.0	504828.1	5408124.8	7677.00000	261.66	130	48.826085	-86.934219	56028.80	56241.4	8.55	56037.35	56041.28125	56048.79010	56049.30078	504828.1	5408124.8
L4830.0	504828.1	5408126.0	7677.10010	262.13	130	48.826096	-86.934219	56028.50	56241.4	8.55	56037.05	56040.96484	56048.50581	56048.96484	504828.1	5408126.0
L4830.0	504828.1	5408127.8	7677.20020	261.25	130	48.826111	-86.934219	56027.94	56241.4	8.55	56036.49	56040.39063	56048.21675	56048.62500	504828.1	5408127.8
L4830.0	504828.1	5408127.8	7677.29981	260.29	130	48.826111	-86.934219	56027.54	56241.4	8.55	56036.09	56039.97656	56047.94226	56048.29688	504828.1	5408127.8
L4830.0	504828.1	5408129.7	7677.39990	258.66	130	48.826128	-86.934219	56026.91	56241.4	8.55	56035.46	56039.33203	56047.66661	56047.97266	504828.1	5408129.7
L4830.0	504828.1	5408131.5	7677.50000	258.65	130	48.826145	-86.934219	56025.99	56241.4	8.56	56034.55	56038.40625	56047.38890	56047.64453	504828.1	5408131.5
L4830.0	504828.1	5408132.9	7677.60010	259.83	130	48.826157	-86.934219	56025.84	56241.4	8.56	56034.40	56038.24609	56047.16253	56047.36719	504828.1	5408132.9
L4830.0	504828.1	5408132.9	7677.70020	261.69	130	48.826157	-86.934219	56024.78	56241.4	8.56	56033.33	56037.16406	56046.90826	56047.06250	504828.1	5408132.9
L4830.0	504828.2	5408134.4	7677.79981	263.45	130	48.826171	-86.934218	56024.40	56241.4	8.56	56032.96	56036.78516	56046.70398	56046.80859	504828.2	5408134.4
L4830.0	504828.2	5408135.7	7677.89990	262.76	130	48.826183	-86.934218	56023.79	56241.4	8.56	56032.35	56036.16406	56046.50562	56046.55859	504828.2	5408135.7
L4830.0	504828.2	5408137.4	7678.00000	264.39	130	48.826198	-86.934217	56023.64	56241.4	8.56	56032.20	56036.00391	56046.34273	56046.34766	504828.2	5408137.4
L4830.0	504828.2	5408137.4	7678.10010	264.66	130	48.826198	-86.934217	56022.63	56241.4	8.56	56031.19	56034.98828	56046.16617	56046.12109	504828.2	5408137.4
L4830.0	504828.3	5408138.7	7678.20020	264.13	130	48.826209	-86.934217	56022.38	56241.4	8.56	56030.94	56034.73047	56046.03024	56045.93359	504828.3	5408138.7
L4830.0	504828.3	5408140.1	7678.29981	263.37	130	48.826222	-86.934217	56021.77	56241.4	8.56	56030.33	56034.11328	56045.89957	56045.75391	504828.3	5408140.1
L4830.0	504828.3	5408141.4	7678.39990	261.41	130	48.826234	-86.934216	56021.24	56241.4	8.56	56029.79	56033.56641	56045.78482	56045.59375	504828.3	5408141.4
L4830.0	504828.3	5408142.8	7678.50000	260.61	130	48.826247	-86.934216	56020.91	56241.4	8.56	56029.47	56033.23828	56045.68139	56045.44141	504828.3	5408142.8
L4830.0	504828.3	5408142.8	7678.60010	261.90	130	48.826247	-86.934216	56020.05	56241.4	8.55	56028.60	56032.36328	56045.58235	56045.29297	504828.3	5408142.8
L4830.0	504828.4	5408144.6	7678.70020	261.66	130	48.826263	-86.934215	56019.52	56241.4	8.55	56028.07	56031.83203	56045.48488	56045.14844	504828.4	5408144.6
L4830.0	504828.4	5408146.0	7678.79981	261.54	130	48.826275	-86.934215	56019.16	56241.4	8.55	56027.72	56031.47656	56045.37866	56044.99219	504828.4	5408146.0
L4830.0	504828.4	5408146.0	7678.89990	258.70	130	48.826275	-86.934215	56018.56	56241.4	8.55	56027.11	56030.86328	56045.26626	56044.83594	504828.4	5408146.0
L4830.0	504828.4	5408147.7	7679.00000	256.84	130	48.826291	-86.934214	56017.92	56241.4	8.55	56026.47	56030.21875	56045.14108	56044.66406	504828.4	5408147.7
L4830.0	504828.5	5408149.4	7679.10010	254.99	130	48.826306	-86.934214	56017.14	56241.4	8.55	56025.69	56029.43750	56045.00148	56044.47656	504828.5	5408149.4
L4830.0	504828.5	5408150.5	7679.20020	252.89	130	48.826316	-86.934214	56016.76	56241.4	8.55	56025.31	56029.05469	56044.82672	56044.25391	504828.5	5408150.5
L4830.0	504828.5	5408151.7	7679.29981	253.07	130	48.826327	-86.934214	56016.23	56241.4	8.55	56024.78	56028.51953	56044.63550	56044.01953	504828.5	5408151.7
L4830.0	504828.5	5408151.7	7679.39990	255.37	130	48.826327	-86.934214	56015.72	56241.4	8.55	56024.28	56028.01953	56044.43419	56043.76953	504828.5	5408151.7
L4830.0	504828.5	5408153.3	7679.50000	256.58	130	48.826341	-86.934213	56015.14	56241.4	8.56	56023.70	56027.43750	56044.23476	56043.52734	504828.5	5408153.3
L4830.0	504828.5	5408154.7	7679.60010	254.78	130	48.826353	-86.934213	56014.18	56241.4	8.56	56022.74	56026.47656	56044.05374	56043.30078	504828.5	5408154.7
L4830.0	504828.5	5408156.3	7679.70020	253.06	130	48.826368	-86.934213	56013.60	56241.4	8.56	56022.15	56025.88281	56043.87961	56043.08203	504828.5	5408156.3
L4830.0	504828.5	5408157.4	7679.79981	255.06	130	48.826378	-86.934213	56013.09	56241.4	8.56	56021.65	56025.38281	56043.72449	56042.88281	504828.5	5408157.4
L4830.0	504828.6	5408159.2	7679.89990	257.19	130	48.826394	-86.934213	56012.89	56241.4	8.56	56021.45	56025.17969	56043.58550	56042.69922	504828.6	5408159.2
L4830.0	504828.6	5408159.2	7680.00000	258.70	130	48.826394	-86.934213	56011.98	56241.4	8.56	56020.54	56024.26953	56043.49098	56042.56250	504828.6	5408159.2
L4830.0	504828.6	5408160.8	7680.10010	259.96	130	48.826408	-86.934212	56011.66	56241.4	8.56	56020.22	56023.94922	56043.40446	56042.43359	504828.6	5408160.8
L4830.0	504828.6	5408162.5	7680.20020	262.88	130	48.826423	-86.934212	56010.41	56241.4	8.56	56018.97	56022.69922	56043.38003	56042.36328	504828.6	5408162.5
L4830.0	504828.6	5408163.6	7680.29981	263.67	130	48.826434	-86.934212	56010.26	56241.4	8.56	56018.82	56022.54688	56043.34090	56042.28516	504828.6	5408163.6
L4830.0	504828.6	5408163.6	7680.39990	265.30	130	48.826434	-86.934212	56009.60	56241.4	8.56	56018.16	56021.88672	56043.34452	56042.24609	504828.6	5408163.6
L4830.0	504828.6	5408165.2	7680.50000	265.49	130	48.826448	-86.934212	56009.15	56241.4	8.56	56017.70	56021.42578	56043.35718	56042.21484	504828.6	5408165.2
L4830.0	504828.6	5408167.1	7680.60010	267.16	130	48.826465	-86.934212	56008.89	56241.4	8.55	56017.45	56021.17188	56043.36597	56042.18359	504828.6	5408167.1
L4830.0	504828.6	5408167.1	7680.70020	265.01	130	48.826465	-86.934212	56008.52	56241.4	8.55	56017.07	56020.78906	56043.37968	56042.15625	504828.6	5408167.1
L4830.0	504828.6	5408168.8	7680.79981	259.44	130	48.826480	-86.934211	56007.81	56241.4	8.55	56016.36	56020.07813	56043.34426	56042.08203	504828.6	5408168.8
L4830.0	504828.6	5408170.5	7680.89990	256.43	130	48.826495	-86.934211	56006.70	56241.4	8.55	56015.25	56018.96484	56043.29516	56041.99219	504828.6	5408170.5
L4830.0	504828.6	5408172.2	7681.00000	253.38	130	48.826511	-86.934211	56006.59	56241.4	8.55	56015.14	56018.85156	56043.18672	56041.84375	504828.6	5408172.2
L4830.0	504828.6	5408173.5	7681.10010	250.54	130	48.826523	-86.934211	56005.58	56241.4	8.55	56014.13	56017.83984	56043.14585	56041.76172	504828.6	5408173.5
L4830.0	504828.6	5408173.5	7681.20020	249.20	130	48.826523	-86.934211	56005.18	56241.4	8.55	56013.73	56017.43750	56043.07208	56041.65234	504828.6	5408173.5
L4830.0	504828.6	5408175.2	7681.29981	248.48	130	48.826538	-86.934211	56004.26	56241.4	8.55	56012.82	56016.52344	56043.04032	56041.58203	504828.6	5408175.2
L4830.0	504828.6	5408176.8	7681.39990	249.90	130	48.826553	-86.934211	56003.89	56241.4	8.55	56012.44	56016.14063	56042.98144	56041.48438	504828.6	5408176.8
L4830.0	504828.6	5408176.8	7681.50000	251.41	130	48.826553	-86.934211	56003.41	56241.4	8.56	56011.96	56015.65625	56042.93766	56041.40234	504828.6	5408176.8
L4830.0	504828.6	5408178.8	7681.60010	250.23	130	48.826570	-86.934211	56003.41	56241.4	8.56	56011.96	56015.64844	56042.87054	56041.29688	504828.6	5408178.8
L4830.0	504828.6	5408180.2	7681.70020	250.50	130	48.826583	-86.934211	56003.07	56241.4	8.56	56011.63	56015.31250	56042.83428	56041.22656	504828.6	5408180.2
L4830.0	504828.6	5408181.9	7681.79981	251.60	130	48.826598	-86.934211	56002.40	56241.4	8.56	56010.96	56014.63672	56042.82976	56041.18359	504828.6	5408181.9
L4830.0	504828.6	5408181.9	7681.89990	254.14	130	48.826598	-86.934211	56001.58	56241.4	8.56	56010.14	56013.81250	56042.71850	56041.03906	504828.6	5408181.9
L4830.0	504828.6	5408183.9	7682.00000	259.40	130	48.826616	-86.934211	56001.43	56241.4	8.56	56009.99	56013.65234	56042.49063	56040.77344	504828.6	5408183.9
L4830.0	504828.6	5408185.2	7682.10010	262.48	130	48.826628	-86.934211	56001.40	56241.4	8.56	56009.96	56013.61328	56042.22815	56040.47656	504828.6	5408185.2
L4830.0	504828.7	5408186.7	7682.20020	266.30	130	48.826641	-86.934211	55999.82	56241.4	8.56	56008.38	56012.02734	56041.99788	56040.21094	504828.7	5408186.7
L4830.0	504828.7	5408186.7	7682.29981	268.05	130	48.826641	-86.934211	56000.17	56241.4	8.56	56008.73	56012.36719	56041.66747	56039.84766	504828.7	5408186.7

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4830.0	504828.7	5408188.4	7682.39990	267.31	130	48.826656	-86.934211	55999.41	56241.4	8.56	56007.97	56011.59766	56041.37904	56039.52344	504828.7	5408188.4
L4830.0	504828.7	5408189.8	7682.50000	265.95	130	48.826669	-86.934211	55999.69	56241.4	8.56	56008.25	56011.86719	56041.10268	56039.21484	504828.7	5408189.8
L4830.0	504828.7	5408189.8	7682.60010	262.60	130	48.826669	-86.934211	55999.56	56241.4	8.56	56008.12	56011.72266	56040.88478	56038.96484	504828.7	5408189.8
L4830.0	504828.7	5408191.5	7682.70020	261.98	130	48.826684	-86.934211	55999.16	56241.4	8.56	56007.72	56011.31250	56040.73167	56038.77734	504828.7	5408191.5
L4830.0	504828.7	5408193.1	7682.79981	263.11	130	48.826699	-86.934210	55998.72	56241.4	8.56	56007.28	56010.85938	56040.64976	56038.66406	504828.7	5408193.1
L4830.0	504828.7	5408194.8	7682.89990	260.24	130	48.826714	-86.934210	55998.98	56241.4	8.56	56007.54	56011.10547	56040.65277	56038.63281	504828.7	5408194.8
L4830.0	504828.7	5408194.8	7683.00000	260.48	130	48.826714	-86.934210	55998.55	56241.4	8.56	56007.11	56010.66016	56040.72703	56038.67578	504828.7	5408194.8
L4830.0	504828.7	5408196.3	7683.10010	257.96	130	48.826728	-86.934210	55998.55	56241.4	8.56	56007.11	56010.64453	56040.87602	56038.79297	504828.7	5408196.3
L4830.0	504828.7	5408197.9	7683.20020	253.96	130	48.826742	-86.934210	55998.80	56241.4	8.56	56007.36	56010.87891	56041.09024	56038.97656	504828.7	5408197.9
L4830.0	504828.7	5408199.4	7683.29981	252.14	130	48.826756	-86.934210	55998.88	56241.4	8.55	56007.43	56010.92969	56041.35264	56039.21094	504828.7	5408199.4
L4830.0	504828.7	5408199.4	7683.39990	253.57	130	48.826756	-86.934210	55998.50	56241.4	8.55	56007.05	56010.53125	56041.65081	56039.48047	504828.7	5408199.4
L4830.0	504828.7	5408201.0	7683.50000	255.84	130	48.826770	-86.934210	55998.85	56241.4	8.55	56007.40	56010.86328	56041.96190	56039.76172	504828.7	5408201.0
L4830.0	504828.7	5408201.0	7683.60010	259.23	130	48.826770	-86.934210	55998.68	56241.5	8.55	56007.23	56010.67188	56042.27462	56040.04297	504828.7	5408201.0
L4830.0	504828.7	5408202.9	7683.70020	260.32	130	48.826787	-86.934209	55998.83	56241.5	8.55	56007.37	56010.79297	56042.56292	56040.30469	504828.7	5408202.9
L4830.0	504828.7	5408204.4	7683.79981	260.72	130	48.826800	-86.934210	55999.01	56241.5	8.54	56007.55	56010.94922	56042.82417	56040.53516	504828.7	5408204.4
L4830.0	504828.7	5408206.0	7683.89990	258.91	130	48.826815	-86.934210	55999.16	56241.5	8.54	56007.70	56011.07422	56043.06197	56040.74609	504828.7	5408206.0
L4830.0	504828.7	5408206.0	7684.00000	257.50	130	48.826815	-86.934210	55999.21	56241.5	8.54	56007.75	56011.10156	56043.28310	56040.94141	504828.7	5408206.0
L4830.0	504828.7	5408208.0	7684.10010	255.26	94.02	48.826833	-86.934210	55999.56	56241.5	8.54	56008.10	56011.42578	56043.48670	56041.11719	504828.7	5408208.0
L4830.0	504828.7	5408209.6	7684.20020	255.49	88.52	48.826848	-86.934210	55999.74	56241.5	8.54	56008.27	56011.57031	56043.69626	56041.29688	504828.7	5408209.6
L4830.0	504828.7	5408211.1	7684.29981	257.00	88.52	48.826861	-86.934210	56000.04	56241.5	8.53	56008.57	56011.84375	56043.91990	56041.49609	504828.7	5408211.1
L4830.0	504828.7	5408211.1	7684.39990	258.00	88.08	48.826861	-86.934210	56000.12	56241.5	8.53	56008.65	56011.89453	56044.17361	56041.72266	504828.7	5408211.1
L4830.0	504828.7	5408212.7	7684.50000	258.52	88.08	48.826875	-86.934210	56000.70	56241.5	8.53	56009.23	56012.44531	56044.43897	56041.96094	504828.7	5408212.7
L4830.0	504828.7	5408214.2	7684.60010	258.81	89.58	48.826889	-86.934210	56000.90	56241.5	8.53	56009.43	56012.61719	56044.74560	56042.24219	504828.7	5408214.2
L4830.0	504828.7	5408214.2	7684.70020	260.84	89.58	48.826889	-86.934210	56001.40	56241.5	8.53	56009.93	56013.08594	56045.07668	56042.55078	504828.7	5408214.2
L4830.0	504828.7	5408216.2	7684.79981	263.15	86.65	48.826906	-86.934210	56001.69	56241.5	8.52	56010.21	56013.33594	56045.45313	56042.90234	504828.7	5408216.2
L4830.0	504828.7	5408217.6	7684.89990	264.75	86.65	48.826919	-86.934210	56002.24	56241.5	8.52	56010.76	56013.85156	56045.85734	56043.28125	504828.7	5408217.6
L4830.0	504828.7	5408219.0	7685.00000	265.52	92.36	48.826932	-86.934210	56002.95	56241.5	8.52	56011.47	56014.52734	56046.29158	56043.69141	504828.7	5408219.0
L4830.0	504828.7	5408219.0	7685.10010	265.56	89.89	48.826932	-86.934210	56003.54	56241.5	8.52	56012.06	56015.08203	56046.76689	56044.14453	504828.7	5408219.0
L4830.0	504828.7	5408220.5	7685.20020	262.17	89.89	48.826945	-86.934210	56004.32	56241.5	8.52	56012.84	56015.82813	56047.26471	56044.61719	504828.7	5408220.5
L4830.0	504828.6	5408222.4	7685.29981	259.71	79.86	48.826963	-86.934211	56004.49	56241.5	8.52	56013.01	56015.96094	56047.79697	56045.12891	504828.6	5408222.4
L4830.0	504828.6	5408223.8	7685.39990	255.27	79.86	48.826975	-86.934211	56005.05	56241.5	8.52	56013.57	56016.48438	56048.11372	56045.42188	504828.6	5408223.8
L4830.0	504828.6	5408223.8	7685.50000	252.92	85.64	48.826975	-86.934211	56005.10	56241.5	8.53	56013.62	56016.49219	56048.47567	56045.76172	504828.6	5408223.8
L4830.0	504828.6	5408225.3	7685.60010	251.32	84.6	48.826988	-86.934211	56006.39	56241.5	8.53	56014.92	56017.75391	56048.76536	56046.02734	504828.6	5408225.3
L4830.0	504828.6	5408226.7	7685.70020	252.79	84.6	48.827001	-86.934211	56007.35	56241.5	8.53	56015.88	56018.67188	56049.08866	56046.32813	504828.6	5408226.7
L4830.0	504828.6	5408226.7	7685.79981	252.89	83	48.827001	-86.934211	56007.48	56241.5	8.53	56016.00	56018.75391	56049.47877	56046.69922	504828.6	5408226.7
L4830.0	504828.6	5408228.1	7685.89990	253.01	83	48.827014	-86.934212	56008.52	56241.5	8.53	56017.05	56019.76172	56049.81754	56047.01563	504828.6	5408228.1
L4830.0	504828.5	5408229.5	7686.00000	252.16	88.29	48.827026	-86.934212	56009.38	56241.5	8.53	56017.90	56020.56641	56050.18015	56047.35938	504828.5	5408229.5
L4830.0	504828.5	5408230.5	7686.10010	253.04	88.29	48.827036	-86.934213	56009.73	56241.5	8.53	56018.26	56020.88281	56050.58578	56047.74219	504828.5	5408230.5
L4830.0	504828.5	5408232.2	7686.20020	253.06	83.55	48.827051	-86.934213	56010.82	56241.5	8.53	56019.35	56021.92969	56050.95293	56048.08984	504828.5	5408232.2
L4830.0	504828.5	5408232.2	7686.29981	253.32	88.15	48.827051	-86.934213	56012.36	56241.5	8.53	56020.89	56023.42188	56051.30009	56048.41797	504828.5	5408232.2
L4830.0	504828.4	5408234.1	7686.39990	251.38	83.83	48.827067	-86.934214	56012.71	56241.5	8.53	56021.24	56023.72656	56051.73641	56048.83594	504828.4	5408234.1
L4830.0	504828.4	5408235.4	7686.50000	251.21	83.83	48.827079	-86.934214	56013.68	56241.5	8.52	56022.20	56024.64063	56052.14170	56049.21875	504828.4	5408235.4
L4830.0	504828.3	5408237.1	7686.60010	250.70	84.03	48.827094	-86.934215	56014.71	56241.5	8.52	56023.23	56025.62109	56052.55178	56049.60938	504828.3	5408237.1
L4830.0	504828.3	5408238.2	7686.70020	251.60	84.03	48.827105	-86.934215	56015.68	56241.5	8.52	56024.20	56026.54297	56052.97511	56050.01563	504828.3	5408238.2
L4830.0	504828.3	5408238.2	7686.79981	254.23	84.24	48.827105	-86.934215	56016.00	56241.5	8.52	56024.52	56026.81250	56053.45081	56050.47266	504828.3	5408238.2
L4830.0	504828.2	5408239.8	7686.89990	253.85	84.35	48.827119	-86.934216	56017.62	56241.5	8.52	56026.14	56028.38281	56053.84867	56050.85156	504828.2	5408239.8
L4830.0	504828.2	5408241.3	7687.00000	252.29	84.35	48.827133	-86.934217	56018.31	56241.5	8.52	56026.82	56029.01172	56054.31782	56051.30469	504828.2	5408241.3
L4830.0	504828.2	5408241.3	7687.10010	251.82	77.06	48.827133	-86.934217	56019.34	56241.5	8.52	56027.86	56030.00000	56054.77136	56051.73828	504828.2	5408241.3
L4830.0	504828.1	5408243.5	7687.20020	253.46	77.06	48.827152	-86.934218	56020.61	56241.5	8.52	56029.13	56031.21875	56055.21773	56052.16797	504828.1	5408243.5
L4830.0	504828.1	5408244.8	7687.29981	255.53	80.11	48.827164	-86.934218	56021.06	56241.5	8.52	56029.58	56031.61719	56055.72670	56052.66016	504828.1	5408244.8
L4830.0	504828.0	5408246.4	7687.39990	256.41	80.11	48.827178	-86.934219	56022.07	56241.5	8.52	56030.59	56032.57422	56056.20604	56053.12500	504828.0	5408246.4
L4830.0	504828.0	5408247.7	7687.50000	258.23	83.27	48.827190	-86.934219	56023.46	56241.5	8.52	56031.98	56033.91016	56056.66750	56053.56641	504828.0	5408247.7
L4830.0	504828.0	5408247.7	7687.60010	259.41	83.86	48.827190	-86.934219	56024.68	56241.5	8.52	56033.20	56035.07422	56057.14751	56054.03125	504828.0	5408247.7
L4830.0	504827.9	5408249.6	7687.70020	261.25	83.86	48.827207	-86.934220	56024.83	56241.5	8.52	56033.35	56035.17188	56057.70582	56054.57422	504827.9	5408249.6
L4830.0	504827.9	5408251.0	7687.79981	262.51	84.74	48.827219	-86.934220	56026.78	56241.5	8.52	56035.30	56037.06641	56058.15085	56055.00391	504827.9	5408251.0
L4830.0	504827.9	5408252.4	7687.89990	260.54	85.13	48.827232	-86.934221	56027.94	56241.5	8.52	56036.46	56038.17188	56058.65500	56055.49219	504827.9	5408252.4
L4830.0	504827.9	5408252.4	7688.00000	257.04	85.13	48.827232	-86.934221	56028.75	56241.5	8.52	56037.27	56038.92578	56059.18869	56056.00781	504827.9	5408252.4
L4830.0	504827.9	5408253.8	7688.10010	256.75	85.13	48.827245	-86.934221	56030.37	56241.5	8.52	56038.88	56040.47656	56059.66304	56056.46875	504827.9	5408253.8
L4830.0	504827.8	5408255.1	7688.20020	255.65	85.38	48.827257	-86.934221	56031.20	56241.5	8.52	56039.72	56041.26172	56060.03790	56056.82813	504827.8	5408255.1
L4830.0	504827.8	5408256.4	7688.29981	256.09	79.01	48.827269	-86.934221	56032.63	56241.5	8.51	56041.14	56042.62500	56060.38870	56057.16406	504827.8	5408256.4
L4830.0	504827.8	5408257.9	7688.39990	257.68	81.41	48.827281	-86.934221	56033.48	56241.5	8.51	56041.99	56043.41797	56060.77678	56057.53906	504827.8	5408257.9
L4830.0	504827.8	5408257.9	7688.50000	258.72	81.41	48.827281	-86.934221	56034.95	56241.5	8.51	56043.45	56044.82031	56061.15237	56057.89844	504827.8	5408257.9
L4830.0	504827.9	5408259.5	7688.60010	258.23	78.69	48.827296	-86.934221	56035.88	56241.5	8.51	56044.39	56045.70313	56061.55537	56058.28906	504827.9	5408259.5
L4830.0	504827.9	5408261.0	7688.70020	259.19	78.69	48.827310	-86.934221	56037.30	56241.5	8.51	56045.81	56047.06641	56061.96182	56058.67969	504827.9	5408261.0
L4830.0	504827.9	5408261.0	7688.79981	259.51	85.87	48.827310	-86.934221	56038.82	56241.5	8.50	56047.32	56048.51953	56062.38670	56059.09375	504827.9	5408261.0
L4830.0	504827.9	5408264.0	7688.89990	259.28	87.69	48.827336	-86.934220	56039.66	56241.5	8.50	56048.16	56049.30078	56062.82534	56059.51563	504827.9	5408264.0
L4830.0	504827.9	5408265.0	7689.00000	261.43	87.69	48.827346	-86.934220	56041.47	56241.5	8.50	56049.97	56051.05078	56063.29500	56059.97266	504827.9	5408265.0
L4830.0	504827.9	5408265.0	7689.10010	262.12	89.64	48.827346	-86.934220	56042.11	56241.5	8.50	56050.61	56051.63281	56063.75765	56060.42188	504827.9	5408265.0
L4830.0	504827.9	5408266.6	7689.20020	261.40	89.64	48.827360	-86.934220	56043.20	56241.5	8.49	56051.69	56052.65625	56064.24738	56060.89844	504827.9	5408266.6
L4830.0	504827.9	5408268.3	7689.29981	261.08	80.06	48.827376	-86.934220	56045.09	56241.5	8.49	56053.58	56054.48828	56064.79744	56061.43750	504827.9	5408268.3
L4830.0	504827.9	5408269.9	7689.39990	260.63	80.06	48.827390	-86.934220	56045.68	56241.5	8.49	56054.16	56055.01172	56065.30430	56061.93359	504827.9	5408269.9
L4830.0	504827.9	5408269.9	7689.50000	261.64	80.89	48.827390	-86.934220	56047.39	56241.5	8.49	56055.88	56056.67188	56065.90159	56062.51563	504827.9	5408269.9
L4830.0	504827.9	5408271.9	7689.60010	264.59	80.89	48.827408	-86.934220	56048.53	56241.5	8.48	56057.01	56057.74609	56066.49170	56063.09375	504827.9	5408271.9
L4830.0	504827.9	5408273.5	7689.70020	264.74	83.59	48.827422	-86.934220	56049.77	56241.5	8.48	56058.25	56058.92578	56067.11729	56063.70703	504827.9	5408273.5
L4830.0	504827.9	5408273.5	7689.79981	264.92	84	48.827422	-86.934220	56050.25	56241.5	8.48	56058.72	56059.33984	56067.71069	56064.28906	504827.9	5408273.5
L4830.0	504828.0	5408275.1	7689.89990	265.03	84	48.827437	-86.934219	56051.70	56241.5	8.47	56060.17	56060.73438	56068.40092	56064.96875	504828.0	5408275.1
L4830.0	504828.0	5408276.8	7690.00000	266.03	82.13	48.827452	-86.934219	56053.48	56241.5	8.47	56061.95	56062.45703	56069.13062	56065.68750	504828.0	5408276.8
L4830.0	504828.0	5408278.5	7690.10010	265.24	82.13	48.827467	-86.934219	56054.18	56241.5	8.47	56062.65	56063.10156	56069.79522	56066.33984	504828.0	5408278.5
L4830.0	504828.0	5408278.5	7690.20020	265.52	80.82	48.827467	-86.934219	56055.69	56241.5	8.47	56064.15	56064.54297	56070.51821	56067.05078	504828.0	5408278.5
L4830.0	504828.0	5408280.0	7690.29981	266.28	80.82	48.827481	-86.934219	56056.78	56241.5	8.46	56065.24	56065.57813	56071.21568	56067.73828	504828.0	5408280.0
L4830.0	504828.0	5408281.7	7690.39990	264.67	81.3	48.827496	-86.934219	56058.17	56241.5	8.46	56066.63	56066.91406	56071.92185	56068.43359	504828.0	5408281.7
L4830.0	504828.0	5408283.3	7690.50000	265.32	81.3	48.827510	-86.934219	56059.31	56241.5	8.46	56067.76	56067.98828	56072.60715	56069.10938	504828.0	5408283.3
L4830.0	504828.0	5408283.3	7690.60010	263.35	80.26	48.827510	-86.934219	56060.12	56241.5	8.46	56068.58	56068.75391	56073.27514	56069.76563	504828.0	5408283.3
L4830.0	504828.0	5408284.9	7690.70020	262.61	82.72	48.827525	-86.934219	56061.58	56241.5	8.46	56070.03	56070.14844	56073.94343	56070.42578	504828.0	5408284.9
L4830.0	504828.0	5408286.0	7690.79981	261.57	82.72	48.827535	-86.934219	56062.55	56241.5	8.45	56071.00	56071.06641	56074.59154	56071.06250	504828.0	5408286.0
L4830.0	504828.0	5408286.0	7690.89990	259.86	86.83	48.827535	-86.934219	56063.45	56241.5	8.45	56071.90	56071.91406	56075.22908	56071.69141	504828.0	5408286.0
L4830.0	504828.0	5408287.4	7691.00000	255.52	86.83	48.827548	-86.934219	56064.77	56241.6	8.45	56073.22	56073.17969	56075.85268	56072.30469	504828.0	5408287.4
L4830.0	504828.0	5408288.9	7691.10010	253.87	79.01	48.827560	-86.934219	56066.11	56241.6	8.45	56074.56	56074.46875	56076.46353	56072.90625	504828.0	5408288.9
L4830.0	504828.0	5408290.0	7691.20020	252.31	79.01	48.827570	-86.934219	56067.18	56241.6	8.45	56075.63	56075.48828	56077.06923	56073.50391	504828.0	5408290.0
L4830.0	504828.0	5408290.0	7691.29981	251.83	81.87	48.827570	-86.934219	56067.96	56241.6	8.45	56076.40	56076.20703	56077.67397	56074.09766	504828.0	5408290.0
L4830.0	504828.0	5408291.4	7691.39990	252.53	81.87	48.827583	-86.934218	56068.64	56241.6	8.45	56077.09	56076.84766	56078.27564	56074.69141	504828.0	5408291.4
L4830.0	504828.0	5408293.0	7691.50000	253.43	88.36	48.827598	-86.934218	56070.08	56241.6	8.44	56078.53	56078.23828	56078.86674	56075.27344	504828.0	5408293.0
L4830.0	504828.1	5408294.4	7691.60010	254.96	88.36	48.827611	-86.934218	56071.35	56241.6	8.44	56079.79	56079.44922	56079.46374	56075.85938	504828.1	5408294.4

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4830.0	504828.1	5408294.4	7691.70020	255.90	79.46	48.827611	-86.934218	56072.58	56241.6	8.44	56081.03	56080.64063	56080.06788	56076.45703	504828.1	5408294.4
L4830.0	504828.1	5408296.3	7691.79981	259.95	79.46	48.827628	-86.934217	56073.02	56241.6	8.44	56081.46	56081.02344	56080.67065	56077.05078	504828.1	5408296.3
L4830.0	504828.1	5408298.0	7691.89990	262.06	80.78	48.827642	-86.934217	56074.16	56241.6	8.44	56082.60	56082.11719	56081.28669	56077.65625	504828.1	5408298.0
L4830.0	504828.1	5408299.9	7692.00000	263.08	80.78	48.827659	-86.934217	56075.27	56241.6	8.44	56083.71	56083.17969	56081.91344	56078.27734	504828.1	5408299.9
L4830.0	504828.1	5408299.9	7692.10010	264.00	81.97	48.827659	-86.934217	56076.33	56241.6	8.44	56084.77	56084.19531	56082.55028	56078.90625	504828.1	5408299.9
L4830.0	504828.2	5408301.3	7692.20020	265.59	80.65	48.827672	-86.934216	56077.27	56241.6	8.44	56085.70	56085.08203	56083.19065	56079.53516	504828.2	5408301.3
L4830.0	504828.2	5408302.7	7692.29981	265.23	80.65	48.827685	-86.934216	56078.30	56241.6	8.43	56086.73	56086.07031	56083.84742	56080.18750	504828.2	5408302.7
L4830.0	504828.2	5408302.7	7692.39990	267.80	85.08	48.827685	-86.934216	56079.07	56241.6	8.43	56087.50	56086.79688	56084.48999	56080.82031	504828.2	5408302.7
L4830.0	504828.2	5408304.1	7692.50000	267.99	86.2	48.827697	-86.934215	56080.15	56241.6	8.43	56088.58	56087.83594	56085.16795	56081.49219	504828.2	5408304.1
L4830.0	504828.3	5408305.5	7692.60010	267.52	86.2	48.827710	-86.934215	56081.38	56241.6	8.43	56089.81	56089.02344	56085.87062	56082.18750	504828.3	5408305.5
L4830.0	504828.3	5408305.5	7692.70020	267.68	92.96	48.827710	-86.934215	56081.65	56241.6	8.43	56090.07	56089.24609	56086.44821	56082.75781	504828.3	5408305.5
L4830.0	504828.3	5408307.2	7692.79981	266.89	92.96	48.827725	-86.934214	56083.19	56241.6	8.42	56091.61	56090.74609	56087.19231	56083.49219	504828.3	5408307.2
L4830.0	504828.3	5408308.6	7692.89990	266.89	87.07	48.827738	-86.934214	56083.71	56241.6	8.42	56092.13	56091.22656	56087.78289	56084.07813	504828.3	5408308.6
L4830.0	504828.4	5408310.3	7693.00000	267.00	92.87	48.827753	-86.934213	56084.58	56241.6	8.42	56093.00	56092.06250	56088.41254	56084.69922	504828.4	5408310.3
L4830.0	504828.4	5408310.3	7693.10010	267.90	92.87	48.827753	-86.934213	56085.89	56241.6	8.42	56094.31	56093.33594	56089.09875	56085.37891	504828.4	5408310.3
L4830.0	504828.4	5408313.4	7693.20020	267.15	92.87	48.827781	-86.934213	56086.59	56241.6	8.42	56095.01	56094.00000	56089.67271	56085.94531	504828.4	5408313.4
L4830.0	504828.4	5408313.4	7693.29981	267.14	92.47	48.827781	-86.934213	56087.11	56241.6	8.42	56095.53	56094.48438	56090.20192	56086.46875	504828.4	5408313.4
L4830.0	504828.4	5408315.2	7693.39990	266.92	92.85	48.827797	-86.934213	56087.48	56241.6	8.42	56095.90	56094.82031	56090.69324	56086.95313	504828.4	5408315.2
L4830.0	504828.5	5408316.5	7693.50000	266.54	92.85	48.827809	-86.934212	56088.77	56241.6	8.42	56097.19	56096.07813	56091.31151	56087.56250	504828.5	5408316.5
L4830.0	504828.5	5408317.9	7693.60010	264.86	90.36	48.827821	-86.934212	56089.46	56241.6	8.42	56097.88	56096.73828	56091.82141	56088.06641	504828.5	5408317.9
L4830.0	504828.5	5408317.9	7693.70020	264.65	90.36	48.827821	-86.934212	56090.14	56241.6	8.42	56098.56	56097.38672	56092.31384	56088.55469	504828.5	5408317.9
L4830.0	504828.5	5408319.9	7693.79981	265.62	88.61	48.827840	-86.934212	56091.28	56241.6	8.42	56099.70	56098.49609	56092.84731	56089.08203	504828.5	5408319.9
L4830.0	504828.5	5408319.9	7693.89990	264.50	90.73	48.827840	-86.934212	56091.38	56241.6	8.42	56099.80	56098.56641	56093.23038	56089.45703	504828.5	5408319.9
L4830.0	504828.5	5408321.1	7694.00000	264.99	90.73	48.827850	-86.934211	56092.60	56241.6	8.42	56101.02	56099.76172	56093.72442	56089.94531	504828.5	5408321.1
L4830.0	504828.5	5408322.5	7694.10010	264.41	92.92	48.827863	-86.934211	56093.61	56241.6	8.41	56102.02	56100.73438	56094.16190	56090.37891	504828.5	5408322.5
L4830.0	504828.5	5408323.7	7694.20020	263.00	92.67	48.827874	-86.934211	56093.51	56241.6	8.41	56101.92	56100.60547	56094.48163	56090.69141	504828.5	5408323.7
L4830.0	504828.5	5408324.9	7694.29981	263.25	92.67	48.827884	-86.934211	56094.41	56241.6	8.40	56102.81	56101.47266	56094.86000	56091.06250	504828.5	5408324.9
L4830.0	504828.5	5408326.5	7694.39990	264.00	92.61	48.827899	-86.934211	56095.33	56241.6	8.39	56103.72	56102.35938	56095.20792	56091.40625	504828.5	5408326.5
L4830.0	504828.5	5408326.5	7694.50000	262.27	92.6	48.827899	-86.934211	56096.04	56241.6	8.38	56104.42	56103.03516	56095.52008	56091.71484	504828.5	5408326.5
L4830.0	504828.5	5408328.0	7694.60010	261.72	92.6	48.827912	-86.934211	56096.42	56241.6	8.38	56104.80	56103.39063	56095.81069	56092.00000	504828.5	5408328.0
L4830.0	504828.5	5408329.9	7694.70020	261.75	91.32	48.827930	-86.934211	56097.27	56241.6	8.37	56105.64	56104.21094	56096.08321	56092.26563	504828.5	5408329.9
L4830.0	504828.5	5408331.0	7694.79981	261.54	92.91	48.827939	-86.934211	56098.13	56241.6	8.36	56106.49	56105.03906	56096.33017	56092.50781	504828.5	5408331.0
L4830.0	504828.5	5408332.4	7694.89990	261.08	92.91	48.827952	-86.934211	56098.24	56241.6	8.36	56106.59	56105.12109	56096.62779	56092.80078	504828.5	5408332.4
L4830.0	504828.5	5408332.4	7695.00000	259.11	92.14	48.827952	-86.934211	56099.14	56241.7	8.35	56107.49	56106.00000	56097.06122	56093.22656	504828.5	5408332.4
L4830.0	504828.5	5408334.0	7695.10010	257.13	92.49	48.827966	-86.934211	56099.66	56241.6	8.35	56108.01	56106.50391	56097.51483	56093.67578	504828.5	5408334.0
L4830.0	504828.5	5408335.8	7695.20020	254.23	92.49	48.827982	-86.934211	56100.18	56241.6	8.35	56108.53	56107.00781	56097.96329	56094.12109	504828.5	5408335.8
L4830.0	504828.5	5408335.8	7695.29981	251.41	92.71	48.827982	-86.934211	56100.64	56241.6	8.35	56108.99	56107.44922	56098.41061	56094.56250	504828.5	5408335.8
L4830.0	504828.5	5408337.4	7695.39990	249.42	92.71	48.827997	-86.934211	56100.99	56241.6	8.35	56109.35	56107.79297	56098.85948	56095.00781	504828.5	5408337.4
L4830.0	504828.5	5408338.8	7695.50000	248.99	93.32	48.828010	-86.934211	56101.42	56241.6	8.35	56109.77	56108.19922	56099.29926	56095.44141	504828.5	5408338.8
L4830.0	504828.5	5408340.4	7695.60010	246.38	93.32	48.828024	-86.934211	56102.24	56241.6	8.36	56110.59	56109.00391	56099.70729	56095.84375	504828.5	5408340.4
L4830.0	504828.5	5408341.5	7695.70020	246.14	88.58	48.828034	-86.934211	56102.58	56241.6	8.36	56110.94	56109.34375	56100.14162	56096.27344	504828.5	5408341.5
L4830.0	504828.5	5408341.5	7695.79981	247.83	86.68	48.828034	-86.934211	56102.56	56241.6	8.36	56110.92	56109.30859	56100.59561	56096.72266	504828.5	5408341.5
L4830.0	504828.5	5408343.1	7695.89990	247.39	86.68	48.828048	-86.934211	56103.73	56241.6	8.36	56112.09	56110.46875	56100.96529	56097.08984	504828.5	5408343.1
L4830.0	504828.5	5408344.5	7696.00000	247.57	84.92	48.828061	-86.934211	56103.82	56241.6	8.36	56112.18	56110.54688	56101.40205	56097.52344	504828.5	5408344.5
L4830.0	504828.5	5408346.1	7696.10010	247.65	84.92	48.828075	-86.934211	56104.54	56241.6	8.36	56112.90	56111.25781	56101.79191	56097.90625	504828.5	5408346.1
L4830.0	504828.5	5408347.4	7696.20020	247.40	86.44	48.828087	-86.934211	56104.96	56241.6	8.35	56113.31	56111.65625	56102.19761	56098.30859	504828.5	5408347.4
L4830.0	504828.5	5408347.4	7696.29981	249.67	90.47	48.828087	-86.934211	56105.24	56241.6	8.35	56113.59	56111.92969	56102.60718	56098.71484	504828.5	5408347.4
L4830.0	504828.5	5408348.8	7696.39990	251.14	91.88	48.828100	-86.934211	56105.49	56241.7	8.35	56113.84	56112.17188	56103.01402	56099.11719	504828.5	5408348.8
L4830.0	504828.6	5408350.8	7696.50000	250.40	91.88	48.828117	-86.934210	56106.36	56241.7	8.35	56114.70	56113.02344	56103.37551	56099.47656	504828.6	5408350.8
L4830.0	504828.6	5408350.8	7696.60010	248.75	92.4	48.828117	-86.934210	56106.86	56241.7	8.34	56115.21	56113.52734	56103.75571	56099.85156	504828.6	5408350.8
L4830.0	504828.6	5408352.2	7696.70020	249.32	92.4	48.828130	-86.934210	56107.01	56241.7	8.34	56115.35	56113.66016	56104.15603	56100.24609	504828.6	5408352.2
L4830.0	504828.6	5408354.7	7696.79981	250.57	88.99	48.828153	-86.934210	56107.65	56241.7	8.34	56115.99	56114.29297	56104.51852	56100.60547	504828.6	5408354.7
L4830.0	504828.6	5408354.7	7696.89990	253.92	88.99	48.828153	-86.934210	56108.07	56241.7	8.33	56116.41	56114.70703	56104.89126	56100.97656	504828.6	5408354.7
L4830.0	504828.6	5408356.1	7697.00000	255.20	85.18	48.828165	-86.934210	56107.52	56241.7	8.33	56115.85	56114.14453	56105.32499	56101.40625	504828.6	5408356.1
L4830.0	504828.6	5408357.5	7697.10010	254.71	89.16	48.828177	-86.934210	56108.20	56241.7	8.32	56116.52	56114.80859	56105.67245	56101.75000	504828.6	5408357.5
L4830.0	504828.6	5408359.1	7697.20020	255.42	89.16	48.828193	-86.934210	56109.09	56241.7	8.32	56117.40	56115.68750	56106.00172	56102.07422	504828.6	5408359.1
L4830.0	504828.6	5408360.3	7697.29981	255.65	92.21	48.828203	-86.934210	56108.94	56241.7	8.31	56117.25	56115.53125	56106.39554	56102.46484	504828.6	5408360.3
L4830.0	504828.6	5408360.3	7697.39990	258.32	92.37	48.828203	-86.934210	56109.19	56241.7	8.31	56117.50	56115.78125	56106.75868	56102.82422	504828.6	5408360.3
L4830.0	504828.6	5408361.9	7697.50000	260.35	92.37	48.828217	-86.934210	56109.82	56241.7	8.30	56118.12	56116.39844	56107.20713	56103.26953	504828.6	5408361.9
L4830.0	504828.6	5408363.7	7697.60010	262.04	92.95	48.828233	-86.934210	56109.90	56241.7	8.29	56118.19	56116.46484	56107.72186	56103.78125	504828.6	5408363.7
L4830.0	504828.6	5408365.1	7697.70020	263.21	92.28	48.828246	-86.934210	56110.45	56241.7	8.29	56118.74	56117.01563	56108.19980	56104.25781	504828.6	5408365.1
L4830.0	504828.6	5408366.4	7697.79981	262.32	92.28	48.828258	-86.934210	56110.88	56241.7	8.28	56119.16	56117.43359	56108.66745	56104.72266	504828.6	5408366.4
L4830.0	504828.6	5408367.7	7697.89990	262.44	92.28	48.828270	-86.934210	56110.84	56241.7	8.28	56119.12	56117.39063	56109.12015	56105.17188	504828.6	5408367.7
L4830.0	504828.6	5408367.7	7698.00000	262.63	92.28	48.828270	-86.934210	56110.91	56241.7	8.27	56119.18	56117.44922	56109.54703	56105.59375	504828.6	5408367.7
L4830.0	504828.6	5408369.2	7698.10010	263.99	83.75	48.828283	-86.934210	56111.29	56241.7	8.27	56119.56	56117.83203	56109.95450	56106.00000	504828.6	5408369.2
L4830.0	504828.6	5408370.4	7698.20020	260.58	87.37	48.828294	-86.934210	56111.32	56241.7	8.27	56119.59	56117.85938	56110.33608	56106.37891	504828.6	5408370.4
L4830.0	504828.6	5408371.6	7698.29981	261.32	87.37	48.828305	-86.934210	56111.70	56241.7	8.27	56119.96	56118.23047	56110.70303	56106.74219	504828.6	5408371.6
L4830.0	504828.6	5408371.6	7698.39990	260.35	87.36	48.828305	-86.934210	56111.90	56241.7	8.27	56120.17	56118.44141	56111.04625	56107.08203	504828.6	5408371.6
L4830.0	504828.6	5408373.7	7698.50000	262.70	87.36	48.828323	-86.934210	56112.13	56241.7	8.27	56120.39	56118.66016	56111.36966	56107.40234	504828.6	5408373.7
L4830.0	504828.5	5408375.0	7698.60010	262.13	88.03	48.828335	-86.934210	56112.22	56241.7	8.27	56120.49	56118.76172	56111.67077	56107.69922	504828.5	5408375.0
L4830.0	504828.5	5408376.4	7698.70020	262.49	88.03	48.828348	-86.934210	56112.45	56241.7	8.27	56120.72	56118.99219	56111.95744	56107.98438	504828.5	5408376.4
L4830.0	504828.5	5408377.9	7698.79981	261.36	90.87	48.828361	-86.934210	56113.08	56241.7	8.27	56121.35	56119.62500	56112.23490	56108.25781	504828.5	5408377.9
L4830.0	504828.5	5408377.9	7698.89990	259.97	87.33	48.828361	-86.934210	56112.73	56241.7	8.27	56121.00	56119.27344	56112.48145	56108.50391	504828.5	5408377.9
L4830.0	504828.5	5408379.7	7699.00000	260.55	87.33	48.828377	-86.934210	56113.13	56241.7	8.27	56121.40	56119.67578	56112.72776	56108.74609	504828.5	5408379.7
L4830.0	504828.5	5408381.0	7699.10010	260.95	85.95	48.828389	-86.934210	56113.52	56241.7	8.27	56121.79	56120.06641	56112.96269	56108.98047	504828.5	5408381.0
L4830.0	504828.5	5408382.7	7699.20020	260.87	85.95	48.828404	-86.934210	56113.62	56241.7	8.26	56121.88	56120.16016	56113.19211	56109.20703	504828.5	5408382.7
L4830.0	504828.5	5408382.7	7699.29981	260.31	86.51	48.828404	-86.934210	56113.76	56241.7	8.26	56122.02	56120.30078	56113.41851	56109.42969	504828.5	5408382.7
L4830.0	504828.5	5408384.4	7699.39990	258.35	86.51	48.828420	-86.934211	56113.76	56241.7	8.25	56122.02	56120.30078	56113.64966	56109.66016	504828.5	5408384.4
L4830.0	504828.5	5408385.9	7699.50000	258.06	85.36	48.828433	-86.934211	56114.40	56241.8	8.25	56122.65	56120.93359	56113.85994	56109.86719	504828.5	5408385.9
L4830.0	504828.5	5408385.9	7699.60010	258.45	85.36	48.828433	-86.934211	56114.17	56241.8	8.25	56122.42	56120.70313	56114.10693	56110.11328	504828.5	5408385.9
L4830.0	504828.5	5408387.7	7699.70020	259.18	91.92	48.828450	-86.934211	56114.25	56241.8	8.24	56122.49	56120.77344	56114.34757	56110.35156	504828.5	5408387.7
L4830.0	504828.5	5408389.5	7699.79981	258.48	91.92	48.828465	-86.934211	56114.25	56241.8	8.24	56122.48	56120.76563	56114.60019	56110.60156	504828.5	5408389.5
L4830.0	504828.5	5408391.1	7699.89990	257.30	91.78	48.828480	-86.934210	56114.86	56241.8	8.23	56123.09	56121.37891	56114.86840	56110.86719	504828.5	5408391.1
L4830.0	504828.5	5408391.1	7700.00000	256.84	91.78	48.828480	-86.934210	56115.11	56241.8	8.23	56123.34	56121.62891	56115.16375	56111.16016	504828.5	5408391.1
L4830.0	504828.5	5408393.0	7700.10010	253.86	83.54	48.828497	-86.934210	56114.47	56241.8	8.23	56122.70	56120.98828	56115.51741	56111.51172	504828.5	5408393.0
L4830.0	504828.5	5408394.0	7700.10010	253.86	85.96	48.828506	-86.934210	56115.46	56241.8	8.23	56123.68	56121.96875	56115.76217	56111.75391	504828.5	5408394.0
L4830.0	504828.5	5408395.5	7700.20020	253.95	85.96	48.828519	-86.934210	56115.21	56241.8	8.22	56123.43	56121.71875	56116.08815	56112.07813	504828.5	5408395.5
L4830.0	504828.5	5408395.5	7700.39990	254.02	84.99	48.828519	-86.934210	56115.41	56241.8	8.21	56123.63	56121.92188	56116.38347	56112.37109	504828.5	5408395.5
L4830.0	504828.5	5408396.9	7700.50000	255.31	81.41	48.828532	-86.934210	56115.84	56241.8	8.21	56124.05	56122.33984	56116.66358	56112.65234	504828.5	5408396.9
L4830.0	504828.5	5408398.4	7700.60010	254.01	81.41	48.828546	-86.934210	56115.97	56241.8	8.21	56124.18	56122.47266	56116.96260	56112.94922	504828.5	5408398.4
L4830.0	504828.5	5408400.1	7700.70020	254.17	80.91	48.828561	-86.934210	56116.32	56241.8	8.20	56124.52	56122.81250	56117.24731	56113.23047	504828.5	5408400.1
L4830.0	504828.5	5408400.1	7700.79981	254.95	75.91	48.828561	-86.934210	56116.09	56241.8	8.20	56124.29	56122.58203	56117.56982	56113.55469	504828.5	5408400.1
L4830.0	504828.5	5408403.1	7700.89990	257.29	75.91	48.828588	-86.934210	56116.63	56241.8	8.19	56124.82	56123.10938	56117.84159	56113.82422	504828.5	5408403.1

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4830.0	504828.5	5408403.1	7701.00000	257.29	77.4	48.828588	-86.934210	56116.76	56241.8	8.19	56124.95	56123.23828	56118.14005	56114.12109	504828.5	5408403.1
L4830.0	504828.5	5408404.3	7701.10010	256.75	77.4	48.828598	-86.934210	56116.57	56241.8	8.19	56124.76	56123.05078	56118.45999	56114.43750	504828.5	5408404.3
L4830.0	504828.5	5408405.7	7701.20020	256.86	81.56	48.828612	-86.934210	56116.98	56241.8	8.19	56125.16	56123.44922	56118.74083	56114.71875	504828.5	5408405.7
L4830.0	504828.5	5408406.9	7701.29981	259.86	81.56	48.828622	-86.934210	56117.18	56241.8	8.18	56125.36	56123.64453	56119.03536	56115.01172	504828.5	5408406.9
L4830.0	504828.5	5408408.5	7701.39990	258.89	91.08	48.828637	-86.934210	56117.41	56241.8	8.18	56125.59	56123.87500	56119.32835	56115.30469	504828.5	5408408.5
L4830.0	504828.6	5408410.0	7701.50000	259.57	91.08	48.828650	-86.934210	56117.56	56241.8	8.18	56125.74	56124.02344	56119.62722	56115.60156	504828.6	5408410.0
L4830.0	504828.6	5408410.0	7701.60010	257.37	85.64	48.828650	-86.934210	56117.41	56241.8	8.18	56125.58	56123.85938	56119.96839	56115.94141	504828.6	5408410.0
L4830.0	504828.6	5408411.8	7701.70020	259.04	85.12	48.828666	-86.934209	56117.76	56241.8	8.18	56125.93	56124.20703	56120.27947	56116.25391	504828.6	5408411.8
L4830.0	504828.6	5408413.2	7701.79981	259.20	85.75	48.828679	-86.934209	56118.32	56241.8	8.17	56126.50	56124.77344	56120.57745	56116.55078	504828.6	5408413.2
L4830.0	504828.6	5408413.2	7701.89990	258.53	85.75	48.828679	-86.934209	56117.96	56241.8	8.17	56126.14	56124.41406	56120.92222	56116.89453	504828.6	5408413.2
L4830.0	504828.6	5408414.7	7702.00000	257.92	87.8	48.828692	-86.934209	56118.54	56241.8	8.17	56126.71	56124.98047	56121.21598	56117.18750	504828.6	5408414.7
L4830.0	504828.6	5408416.4	7702.10010	256.27	87.8	48.828708	-86.934209	56118.78	56241.8	8.17	56126.95	56125.21484	56121.52373	56117.49609	504828.6	5408416.4
L4830.0	504828.6	5408416.4	7702.20020	258.53	78.9	48.828708	-86.934209	56118.97	56241.8	8.17	56127.14	56125.40234	56121.83117	56117.80078	504828.6	5408416.4
L4830.0	504828.6	5408418.2	7702.29981	260.60	78.9	48.828724	-86.934209	56119.64	56241.8	8.17	56127.80	56126.05859	56122.11577	56118.08594	504828.6	5408418.2
L4830.0	504828.6	5408419.8	7702.39990	261.55	81.71	48.828738	-86.934209	56119.51	56241.8	8.17	56127.67	56125.92188	56122.43359	56118.40625	504828.6	5408419.8
L4830.0	504828.6	5408421.2	7702.50000	259.91	81.71	48.828751	-86.934209	56119.86	56241.8	8.17	56128.03	56126.27734	56122.72906	56118.69922	504828.6	5408421.2
L4830.0	504828.6	5408422.7	7702.60010	258.69	79.46	48.828764	-86.934209	56120.24	56241.8	8.16	56128.41	56126.65234	56123.02316	56118.99609	504828.6	5408422.7
L4830.0	504828.6	5408423.9	7702.70020	258.01	81.85	48.828775	-86.934208	56120.27	56241.8	8.16	56128.43	56126.66797	56123.33378	56119.30469	504828.6	5408423.9
L4830.0	504828.6	5408425.3	7702.79981	257.83	81.85	48.828788	-86.934208	56120.80	56241.8	8.16	56128.96	56127.19141	56123.62230	56119.59375	504828.6	5408425.3
L4830.0	504828.6	5408425.3	7702.89990	258.80	84.99	48.828788	-86.934208	56120.93	56241.8	8.16	56129.09	56127.31641	56123.93079	56119.90234	504828.6	5408425.3
L4830.0	504828.7	5408426.8	7703.00000	258.22	83.37	48.828801	-86.934208	56121.18	56241.8	8.16	56129.34	56127.55859	56124.23599	56120.20703	504828.7	5408426.8
L4830.0	504828.7	5408428.1	7703.10010	257.27	82.29	48.828813	-86.934208	56121.69	56241.8	8.16	56129.84	56128.05469	56124.53191	56120.50391	504828.7	5408428.1
L4830.0	504828.7	5408429.5	7703.20020	256.42	82.29	48.828825	-86.934208	56122.36	56241.8	8.15	56130.51	56128.71875	56124.82245	56120.79688	504828.7	5408429.5
L4830.0	504828.7	5408431.1	7703.29981	258.18	82.41	48.828840	-86.934208	56122.59	56241.9	8.15	56130.74	56128.94141	56125.13771	56121.11328	504828.7	5408431.1
L4830.0	504828.7	5408431.1	7703.39990	257.33	79.91	48.828840	-86.934208	56122.77	56241.9	8.14	56130.91	56129.10156	56125.45937	56121.43359	504828.7	5408431.1
L4830.0	504828.7	5408432.9	7703.50000	258.43	79.91	48.828857	-86.934207	56123.15	56241.9	8.14	56131.29	56129.47656	56125.77444	56121.75000	504828.7	5408432.9
L4830.0	504828.7	5408434.3	7703.60010	257.41	81.92	48.828869	-86.934207	56123.46	56241.9	8.14	56131.59	56129.76953	56126.09697	56122.07422	504828.7	5408434.3
L4830.0	504828.7	5408435.7	7703.70020	257.31	80.5	48.828881	-86.934207	56123.58	56241.9	8.13	56131.71	56129.87891	56126.43086	56122.41016	504828.7	5408435.7
L4830.0	504828.7	5408435.7	7703.79981	257.05	80.5	48.828881	-86.934207	56124.46	56241.9	8.13	56132.59	56130.75000	56126.73398	56122.71484	504828.7	5408435.7
L4830.0	504828.7	5408437.2	7703.89990	257.92	80.5	48.828894	-86.934207	56124.14	56241.9	8.12	56132.27	56130.42188	56127.09164	56123.07422	504828.7	5408437.2
L4830.0	504828.7	5408438.5	7704.00000	256.30	81.62	48.828906	-86.934207	56125.32	56241.9	8.12	56133.44	56131.58594	56127.38968	56123.37500	504828.7	5408438.5
L4830.0	504828.7	5408439.6	7704.10010	257.06	82.74	48.828916	-86.934207	56125.13	56241.9	8.12	56133.24	56131.37500	56127.74465	56123.73047	504828.7	5408439.6
L4830.0	504828.7	5408441.4	7704.20020	256.96	82.74	48.828932	-86.934207	56125.68	56241.9	8.12	56133.80	56131.92578	56128.07150	56124.06250	504828.7	5408441.4
L4830.0	504828.7	5408442.7	7704.29981	256.80	90.29	48.828944	-86.934207	56126.94	56241.9	8.11	56135.05	56133.16797	56128.37622	56124.36719	504828.7	5408442.7
L4830.0	504828.8	5408444.1	7704.39990	258.96	90.29	48.828957	-86.934207	56127.18	56241.9	8.11	56135.29	56133.39844	56128.71772	56124.71094	504828.8	5408444.1
L4830.0	504828.8	5408445.6	7704.50000	260.82	90.19	48.828970	-86.934207	56127.73	56241.9	8.11	56135.84	56133.93750	56129.04942	56125.04688	504828.8	5408445.6
L4830.0	504828.8	5408445.6	7704.60010	261.13	83.62	48.828970	-86.934207	56128.02	56241.9	8.11	56136.12	56134.21094	56129.38981	56125.39063	504828.8	5408445.6
L4830.0	504828.8	5408447.9	7704.70020	261.25	83.62	48.828991	-86.934207	56128.48	56241.9	8.11	56136.59	56134.66797	56129.72390	56125.72656	504828.8	5408447.9
L4830.0	504828.8	5408448.9	7704.79981	259.95	86.47	48.829000	-86.934207	56129.29	56241.9	8.10	56137.39	56135.45703	56130.04800	56126.05469	504828.8	5408448.9
L4830.0	504828.8	5408448.9	7704.89990	259.79	86.47	48.829000	-86.934207	56129.56	56241.9	8.10	56137.66	56135.71875	56130.38734	56126.39453	504828.8	5408448.9
L4830.0	504828.7	5408450.6	7705.00000	260.26	84.75	48.829015	-86.934207	56130.18	56241.9	8.10	56138.28	56136.32813	56130.71593	56126.72656	504828.7	5408450.6
L4830.0	504828.7	5408452.0	7705.10010	259.62	79.86	48.829028	-86.934207	56130.59	56241.9	8.10	56138.69	56136.72656	56131.05012	56127.06641	504828.7	5408452.0
L4830.0	504828.7	5408453.3	7705.20020	258.83	75.1	48.829040	-86.934207	56130.94	56241.9	8.10	56139.03	56137.05859	56131.38614	56127.40625	504828.7	5408453.3
L4830.0	504828.7	5408453.3	7705.29981	258.94	75.1	48.829040	-86.934207	56132.26	56241.9	8.09	56140.35	56138.36719	56131.69238	56127.71484	504828.7	5408453.3
L4830.0	504828.7	5408454.9	7705.39990	256.15	86.31	48.829054	-86.934207	56132.27	56241.9	8.09	56140.36	56138.36719	56132.03880	56128.06641	504828.7	5408454.9
L4830.0	504828.7	5408456.5	7705.50000	256.08	86.31	48.829068	-86.934207	56132.82	56241.9	8.09	56140.91	56138.90625	56132.36966	56128.40234	504828.7	5408456.5
L4830.0	504828.7	5408457.6	7705.60010	258.75	83.25	48.829078	-86.934207	56133.72	56241.9	8.09	56141.81	56139.79297	56132.69075	56128.72656	504828.7	5408457.6
L4830.0	504828.7	5408459.1	7705.70020	257.56	83.25	48.829092	-86.934207	56133.95	56241.9	8.09	56142.04	56140.01563	56133.03563	56129.07813	504828.7	5408459.1
L4830.0	504828.7	5408460.7	7705.79981	257.90	80.91	48.829106	-86.934207	56135.12	56241.9	8.08	56143.21	56141.17188	56133.35335	56129.39844	504828.7	5408460.7
L4830.0	504828.7	5408460.7	7705.89990	257.39	80.91	48.829106	-86.934207	56135.77	56241.9	8.08	56143.85	56141.80078	56133.69251	56129.74219	504828.7	5408460.7
L4830.0	504828.7	5408462.2	7706.00000	256.85	73.3	48.829119	-86.934207	56136.39	56241.9	8.08	56144.47	56142.41016	56134.03708	56130.09375	504828.7	5408462.2
L4830.0	504828.7	5408464.1	7706.10010	257.60	73.3	48.829137	-86.934207	56136.98	56241.9	8.08	56145.06	56142.99219	56134.38762	56130.44922	504828.7	5408464.1
L4830.0	504828.7	5408464.1	7706.20020	257.80	79.72	48.829137	-86.934207	56137.72	56241.9	8.08	56145.80	56143.71875	56134.73887	56130.80469	504828.7	5408464.1
L4830.0	504828.7	5408465.6	7706.29981	258.00	70.99	48.829150	-86.934208	56138.20	56241.9	8.07	56146.27	56144.17969	56135.10242	56131.17578	504828.7	5408465.6
L4830.0	504828.6	5408467.0	7706.39990	258.45	70.99	48.829163	-86.934208	56138.96	56241.9	8.07	56147.04	56144.93750	56135.46213	56131.53906	504828.6	5408467.0
L4830.0	504828.6	5408468.4	7706.50000	260.04	73.19	48.829176	-86.934208	56139.72	56241.9	8.07	56147.79	56145.67578	56135.82583	56131.91016	504828.6	5408468.4
L4830.0	504828.6	5408470.2	7706.60010	258.64	73.19	48.829191	-86.934208	56140.38	56241.9	8.07	56148.45	56146.32813	56136.19351	56132.28516	504828.6	5408470.2
L4830.0	504828.6	5408470.2	7706.70020	259.44	72.83	48.829191	-86.934208	56141.18	56241.9	8.07	56149.25	56147.11719	56136.55891	56132.65625	504828.6	5408470.2
L4830.0	504828.6	5408472.1	7706.79981	259.47	72.83	48.829209	-86.934208	56141.60	56241.9	8.06	56149.66	56147.51563	56136.92848	56133.03516	504828.6	5408472.1
L4830.0	504828.6	5408472.1	7706.89990	260.27	81.38	48.829209	-86.934208	56141.89	56241.9	8.06	56149.95	56147.79688	56137.29541	56133.40625	504828.6	5408472.1
L4830.0	504828.6	5408473.8	7707.00000	259.63	80.5	48.829224	-86.934208	56143.11	56241.9	8.06	56151.17	56149.00391	56137.64798	56133.76563	504828.6	5408473.8
L4830.0	504828.6	5408475.5	7707.10010	260.97	80.5	48.829240	-86.934208	56143.72	56241.9	8.06	56151.78	56149.60547	56138.00152	56134.12891	504828.6	5408475.5
L4830.0	504828.6	5408475.5	7707.20020	262.10	79.54	48.829240	-86.934208	56145.21	56241.9	8.05	56153.26	56151.07422	56138.34244	56134.47656	504828.6	5408475.5
L4830.0	504828.6	5408477.2	7707.29981	261.79	79.54	48.829255	-86.934208	56144.95	56241.9	8.05	56153.00	56150.80469	56138.68931	56134.83203	504828.6	5408477.2
L4830.0	504828.6	5408479.1	7707.39990	261.72	78.64	48.829271	-86.934208	56146.07	56242	8.05	56154.11	56151.90625	56139.01986	56135.17188	504828.6	5408479.1
L4830.0	504828.6	5408480.4	7707.50000	262.23	76.8	48.829284	-86.934208	56146.88	56242	8.04	56154.92	56152.70703	56139.34587	56135.50391	504828.6	5408480.4
L4830.0	504828.6	5408481.9	7707.60010	260.44	76.8	48.829297	-86.934209	56147.36	56242	8.04	56155.40	56153.17578	56139.66750	56135.83594	504828.6	5408481.9
L4830.0	504828.6	5408481.9	7707.70020	260.30	77.49	48.829297	-86.934209	56148.68	56242	8.04	56156.71	56154.47656	56139.97632	56136.15234	504828.6	5408481.9
L4830.0	504828.6	5408483.7	7707.79981	259.98	77.49	48.829313	-86.934209	56148.27	56242	8.04	56156.30	56154.05859	56140.29400	56136.48047	504828.6	5408483.7
L4830.0	504828.6	5408483.7	7707.89990	256.26	82.6	48.829313	-86.934209	56149.00	56242	8.03	56157.04	56154.78906	56140.59808	56136.79297	504828.6	5408483.7
L4830.0	504828.5	5408485.7	7708.00000	256.22	82.6	48.829331	-86.934209	56150.32	56242	8.03	56158.35	56156.08984	56140.89260	56137.09766	504828.5	5408485.7
L4830.0	504828.5	5408487.3	7708.10010	257.75	74.21	48.829345	-86.934209	56151.23	56242	8.03	56159.25	56156.98438	56141.18818	56137.40234	504828.5	5408487.3
L4830.0	504828.5	5408488.8	7708.20020	258.59	74.21	48.829359	-86.934210	56151.40	56242	8.02	56159.43	56157.15625	56141.49069	56137.71484	504828.5	5408488.8
L4830.0	504828.5	5408490.1	7708.29981	258.34	85.89	48.829371	-86.934210	56152.36	56242	8.02	56160.38	56158.09766	56141.78283	56138.01563	504828.5	5408490.1
L4830.0	504828.5	5408490.1	7708.39990	257.51	86.21	48.829371	-86.934210	56152.65	56242	8.02	56160.67	56158.37891	56142.08262	56138.32813	504828.5	5408490.1
L4830.0	504828.5	5408491.5	7708.50000	256.56	86.21	48.829383	-86.934210	56153.27	56242	8.01	56161.29	56158.99219	56142.37802	56138.63281	504828.5	5408491.5
L4830.0	504828.4	5408493.5	7708.60010	258.48	75.89	48.829402	-86.934210	56154.21	56242	8.01	56162.23	56159.92578	56142.66900	56138.93359	504828.4	5408493.5
L4830.0	504828.4	5408495.2	7708.70020	258.93	75.89	48.829417	-86.934211	56154.57	56242	8.01	56162.57	56160.25781	56142.96773	56139.24219	504828.4	5408495.2
L4830.0	504828.4	5408495.2	7708.79981	258.57	74.8	48.829417	-86.934211	56156.02	56242	8.01	56164.02	56161.70313	56143.25195	56139.53906	504828.4	5408495.2
L4830.0	504828.4	5408496.4	7708.89990	260.25	74.8	48.829427	-86.934211	56156.16	56242	8.00	56164.16	56161.83594	56143.55321	56139.85156	504828.4	5408496.4
L4830.0	504828.4	5408497.6	7709.00000	260.75	73.65	48.829438	-86.934211	56156.87	56242	8.00	56164.87	56162.54297	56143.84656	56140.15625	504828.4	5408497.6
L4830.0	504828.4	5408499.0	7709.10010	260.56	79.25	48.829451	-86.934211	56157.58	56242	8.00	56165.57	56163.23438	56144.13913	56140.46094	504828.4	5408499.0
L4830.0	504828.4	5408500.7	7709.20020	260.41	79.25	48.829466	-86.934211	56157.76	56242	7.99	56165.75	56163.41016	56144.43600	56140.76953	504828.4	5408500.7
L4830.0	504828.4	5408500.7	7709.29981	260.82	74.02	48.829466	-86.934211	56158.84	56242	7.99	56166.83	56164.48438	56144.72312	56141.07031	504828.4	5408500.7
L4830.0	504828.4	5408502.6	7709.39990	260.28	71.87	48.829483	-86.934211	56158.92	56242	7.98	56166.91	56164.56250	56145.01544	56141.37500	504828.4	5408502.6
L4830.0	504828.4	5408504.1	7709.50000	261.76	71.87	48.829496	-86.934211	56159.75	56242	7.98	56167.73	56165.37891	56145.29648	56141.66797	504828.4	5408504.1
L4830.0	504828.4	5408504.1	7709.60010	260.98	75.53	48.829496	-86.934211	56160.46	56242	7.98	56168.44	56166.08203	56145.57031	56141.95313	504828.4	5408504.1
L4830.0	504828.4	5408507.1	7709.70020	261.73	75.53	48.829524	-86.934211	56160.62	56242	7.97	56168.59	56166.23047	56145.83523	56142.23047	504828.4	5408507.1
L4830.0	504828.4	5408507.1	7709.79981	260.82	76.28	48.829524	-86.934211	56161.46	56242	7.97	56169.43	56167.06641	56146.08335	56142.49219	504828.4	5408507.1
L4830.0	504828.4	5408508.5	7709.89990	259.50	76.28	48.829536	-86.934211	56162.25	56242	7.96	56170.22	56167.85547	56146.31668	56142.74219	504828.4	5408508.5
L4830.0	504828.4	5408508.5	7710.00000	258.86	80.94	48.829536	-86.934211	56162.51	56242	7.96	56170.47	56168.10156	56146.53615	56142.97266	504828.4	5408508.5
L4830.0	504828.4	5408510.2	7710.10010	257.29	74.39	48.829552	-86.934211	56162.96	56242	7.96	56170.92	56168.55078	56146.73682	56143.18750	504828.4	5408510.2
L4830.0	504828.4	5408511.6	7710.20020	257.17	74.39	48.829564	-86.934211	56163.52	56242	7.95	56171.48	56169.10938	56146.91911	56143.38281	504828.4	5408511.6

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4830.0	504828.4	5408513.2	7710.29981	257.45	74.94	48.829579	-86.934211	56163.73	56242	7.95	56171.68	56169.30859	56147.08745	56143.56641	504828.4	5408513.2
L4830.0	504828.4	5408514.9	7710.39990	257.79	74.94	48.829593	-86.934211	56164.56	56242.1	7.95	56172.50	56170.12500	56147.23276	56143.72656	504828.4	5408514.9
L4830.0	504828.4	5408514.9	7710.50000	260.61	74.11	48.829593	-86.934211	56164.77	56242.1	7.94	56172.71	56170.33594	56147.36926	56143.87891	504828.4	5408514.9
L4830.0	504828.4	5408516.6	7710.60010	260.29	74.11	48.829609	-86.934210	56165.09	56242.1	7.94	56173.03	56170.65625	56147.48991	56144.01172	504828.4	5408516.6
L4830.0	504828.4	5408516.6	7710.70020	260.91	74.68	48.829609	-86.934210	56165.88	56242.1	7.94	56173.81	56171.43750	56147.58781	56144.12500	504828.4	5408516.6
L4830.0	504828.4	5408518.7	7710.79981	261.12	65.39	48.829628	-86.934210	56165.92	56242.1	7.94	56173.86	56171.48828	56147.68924	56144.24219	504828.4	5408518.7
L4830.0	504828.4	5408520.0	7710.89990	259.91	65.39	48.829640	-86.934210	56165.97	56242.1	7.93	56173.91	56171.53906	56147.78161	56144.35156	504828.4	5408520.0
L4830.0	504828.4	5408520.0	7711.00000	259.71	68.33	48.829640	-86.934210	56166.27	56242.1	7.93	56174.20	56171.82813	56147.85850	56144.44141	504828.4	5408520.0
L4830.0	504828.4	5408521.7	7711.10010	259.24	68.33	48.829655	-86.934210	56167.12	56242.1	7.93	56175.05	56172.68359	56147.90720	56144.50781	504828.4	5408521.7
L4830.0	504828.4	5408523.4	7711.20020	259.58	75.09	48.829670	-86.934210	56167.02	56242.1	7.93	56174.95	56172.58594	56147.98194	56144.59766	504828.4	5408523.4
L4830.0	504828.4	5408524.9	7711.29981	259.55	77.11	48.829684	-86.934210	56167.34	56242.1	7.93	56175.27	56172.90625	56148.03505	56144.66406	504828.4	5408524.9
L4830.0	504828.5	5408526.5	7711.39990	258.47	77.11	48.829698	-86.934210	56167.55	56242.1	7.93	56175.48	56173.12109	56148.08697	56144.73438	504828.5	5408526.5
L4830.0	504828.5	5408526.5	7711.50000	258.76	71.03	48.829698	-86.934210	56168.07	56242.1	7.93	56176.00	56173.64453	56148.11908	56144.78125	504828.5	5408526.5
L4830.0	504828.5	5408527.9	7711.60010	256.40	74.22	48.829711	-86.934209	56167.92	56242.1	7.92	56175.84	56173.48828	56148.18232	56144.85938	504828.5	5408527.9
L4830.0	504828.5	5408529.6	7711.70020	254.74	74.22	48.829726	-86.934209	56168.25	56242.1	7.92	56176.17	56173.82031	56148.21910	56144.91406	504828.5	5408529.6
L4830.0	504828.5	5408529.6	7711.79981	255.13	75.51	48.829726	-86.934209	56168.63	56242.1	7.92	56176.56	56174.21484	56148.25222	56144.96484	504828.5	5408529.6
L4830.0	504828.5	5408531.0	7711.89990	256.64	75.51	48.829739	-86.934209	56168.40	56242.1	7.92	56176.32	56173.98047	56148.32514	56145.05469	504828.5	5408531.0
L4830.0	504828.5	5408532.3	7712.00000	256.85	72.89	48.829750	-86.934209	56168.73	56242.1	7.92	56176.65	56174.31641	56148.36849	56145.11328	504828.5	5408532.3
L4830.0	504828.5	5408534.0	7712.10010	257.93	72.14	48.829766	-86.934209	56169.04	56242.1	7.92	56176.95	56174.62109	56148.42120	56145.18359	504828.5	5408534.0
L4830.0	504828.5	5408535.2	7712.20020	258.12	72.14	48.829776	-86.934209	56168.73	56242.1	7.91	56176.65	56174.32813	56148.52237	56145.30078	504828.5	5408535.2
L4830.0	504828.5	5408536.7	7712.29981	256.13	72.14	48.829790	-86.934209	56169.42	56242.1	7.91	56177.33	56175.01563	56148.57109	56145.36719	504828.5	5408536.7
L4830.0	504828.5	5408536.7	7712.39990	254.70	71.12	48.829790	-86.934209	56168.56	56242.1	7.90	56176.46	56174.15234	56148.73114	56145.54297	504828.5	5408536.7
L4830.0	504828.5	5408538.1	7712.50000	255.56	65.32	48.829802	-86.934209	56168.93	56242.1	7.90	56176.83	56174.53125	56148.82134	56145.65234	504828.5	5408538.1
L4830.0	504828.5	5408539.8	7712.60010	255.54	65.32	48.829818	-86.934209	56169.03	56242.1	7.90	56176.92	56174.62891	56148.93840	56145.78516	504828.5	5408539.8
L4830.0	504828.5	5408541.8	7712.70020	255.04	65.32	48.829836	-86.934208	56169.29	56242.1	7.89	56177.18	56174.89844	56149.05266	56145.91797	504828.5	5408541.8
L4830.0	504828.5	5408541.8	7712.79981	257.07	64.39	48.829836	-86.934208	56169.26	56242.1	7.89	56177.15	56174.87500	56149.18977	56146.07422	504828.5	5408541.8
L4830.0	504828.5	5408543.5	7712.89990	257.80	67.3	48.829851	-86.934208	56169.12	56242.1	7.88	56177.00	56174.73438	56149.33592	56146.23828	504828.5	5408543.5
L4830.0	504828.5	5408544.9	7713.00000	257.08	67.3	48.829864	-86.934208	56169.21	56242.1	7.88	56177.09	56174.83594	56149.46984	56146.38672	504828.5	5408544.9
L4830.0	504828.5	5408544.9	7713.10010	257.47	68.01	48.829864	-86.934208	56168.68	56242.1	7.88	56176.56	56174.31250	56149.62995	56146.56641	504828.5	5408544.9
L4830.0	504828.6	5408546.4	7713.20020	258.67	68.01	48.829877	-86.934208	56168.84	56242.1	7.88	56176.71	56174.47266	56149.75356	56146.70703	504828.6	5408546.4
L4830.0	504828.6	5408547.6	7713.29981	259.55	62.39	48.829888	-86.934208	56169.11	56242.1	7.87	56176.98	56174.75391	56149.86701	56146.83984	504828.6	5408547.6
L4830.0	504828.6	5408549.1	7713.39990	259.50	62.39	48.829901	-86.934208	56168.66	56242.1	7.87	56176.53	56174.31641	56149.99721	56146.98828	504828.6	5408549.1
L4830.0	504828.6	5408550.7	7713.50000	259.71	67.19	48.829916	-86.934208	56168.91	56242.1	7.87	56176.78	56174.57813	56150.09197	56147.09766	504828.6	5408550.7
L4830.0	504828.6	5408550.7	7713.60010	260.37	66.22	48.829916	-86.934208	56168.50	56242.1	7.87	56176.37	56174.17969	56150.19210	56147.21875	504828.6	5408550.7
L4830.0	504828.6	5408552.2	7713.70020	260.97	66.22	48.829929	-86.934207	56168.02	56242.1	7.87	56175.89	56173.71094	56150.27563	56147.32031	504828.6	5408552.2
L4830.0	504828.6	5408553.3	7713.79981	259.67	66.02	48.829940	-86.934207	56168.32	56242.1	7.86	56176.18	56174.01563	56150.32317	56147.38281	504828.6	5408553.3
L4830.0	504828.6	5408555.0	7713.89990	260.28	66.02	48.829955	-86.934207	56168.02	56242.1	7.86	56175.88	56173.72656	56150.36425	56147.44141	504828.6	5408555.0
L4830.0	504828.6	5408557.0	7714.00000	259.87	67.31	48.829972	-86.934207	56167.94	56242.1	7.86	56175.80	56173.66016	56150.38150	56147.47656	504828.6	5408557.0
L4830.0	504828.6	5408557.0	7714.10010	259.37	67.31	48.829972	-86.934207	56168.35	56242.1	7.86	56176.21	56174.08594	56150.37021	56147.48438	504828.6	5408557.0
L4830.0	504828.6	5408558.2	7714.20020	257.75	66.64	48.829983	-86.934207	56167.30	56242.1	7.86	56175.16	56173.05078	56150.36058	56147.49219	504828.6	5408558.2
L4830.0	504828.6	5408559.9	7714.29981	258.54	66.64	48.829999	-86.934208	56167.48	56242.1	7.86	56175.34	56173.24609	56150.30840	56147.45703	504828.6	5408559.9
L4830.0	504828.6	5408559.9	7714.39990	258.74	64.48	48.829999	-86.934208	56167.32	56242.1	7.86	56175.18	56173.10156	56150.23862	56147.40625	504828.6	5408559.9
L4830.0	504828.6	5408561.8	7714.50000	259.11	64.48	48.830016	-86.934208	56167.48	56242.1	7.86	56175.34	56173.27344	56150.13919	56147.32422	504828.6	5408561.8
L4830.0	504828.5	5408563.3	7714.60010	260.14	55.47	48.830029	-86.934208	56166.84	56242.1	7.86	56174.70	56172.65234	56150.03288	56147.23828	504828.5	5408563.3
L4830.0	504828.5	5408564.7	7714.70020	259.79	54.04	48.830042	-86.934208	56166.78	56242.1	7.86	56174.64	56172.60938	56149.89257	56147.11328	504828.5	5408564.7
L4830.0	504828.5	5408565.9	7714.79981	259.10	54.04	48.830053	-86.934208	56166.86	56242.1	7.86	56174.72	56172.70313	56149.72640	56146.96484	504828.5	5408565.9
L4830.0	504828.5	5408565.9	7714.89990	259.11	53.74	48.830053	-86.934208	56166.36	56242.1	7.86	56174.22	56172.22266	56149.55836	56146.81641	504828.5	5408565.9
L4830.0	504828.5	5408567.9	7715.00000	261.19	66.68	48.830070	-86.934208	56165.85	56242.1	7.86	56173.71	56171.73047	56149.37619	56146.64844	504828.5	5408567.9
L4830.0	504828.5	5408569.6	7715.10010	260.57	66.68	48.830085	-86.934208	56166.12	56242.1	7.86	56173.98	56172.01563	56149.14794	56146.43750	504828.5	5408569.6
L4830.0	504828.5	5408569.6	7715.20020	261.35	66.68	48.830085	-86.934208	56165.80	56242.2	7.85	56173.65	56171.70703	56148.93368	56146.24219	504828.5	5408569.6
L4830.0	504828.5	5408571.5	7715.29981	260.34	54.5	48.830103	-86.934209	56165.46	56242.2	7.85	56173.31	56171.38281	56148.71450	56146.03906	504828.5	5408571.5
L4830.0	504828.5	5408572.7	7715.39990	260.80	61.98	48.830114	-86.934209	56165.40	56242.2	7.84	56173.24	56171.33203	56148.47545	56145.81641	504828.5	5408572.7
L4830.0	504828.5	5408574.4	7715.50000	257.66	61.98	48.830129	-86.934209	56165.80	56242.2	7.83	56173.63	56171.74219	56148.24784	56145.60547	504828.5	5408574.4
L4830.0	504828.5	5408574.4	7715.60010	257.09	62.37	48.830129	-86.934209	56165.04	56242.2	7.83	56172.87	56171.00391	56148.18407	56145.55859	504828.5	5408574.4
L4830.0	504828.5	5408576.0	7715.70020	256.01	62.37	48.830144	-86.934209	56164.38	56242.2	7.82	56172.20	56170.35547	56148.10901	56145.50000	504828.5	5408576.0
L4830.0	504828.5	5408577.3	7715.79981	257.10	69.68	48.830155	-86.934209	56164.21	56242.2	7.82	56172.03	56170.20313	56147.99538	56145.40234	504828.5	5408577.3
L4830.0	504828.5	5408578.8	7715.89990	257.29	55.49	48.830168	-86.934209	56163.93	56242.2	7.81	56171.74	56169.93750	56147.88454	56145.30859	504828.5	5408578.8
L4830.0	504828.4	5408580.4	7716.00000	256.31	55.49	48.830183	-86.934209	56164.18	56242.2	7.81	56171.99	56170.20703	56147.73255	56145.17188	504828.4	5408580.4
L4830.0	504828.4	5408580.4	7716.10010	255.99	58.94	48.830183	-86.934209	56163.73	56242.2	7.81	56171.53	56169.76953	56147.62276	56145.07813	504828.4	5408580.4
L4830.0	504828.4	5408582.1	7716.20020	254.62	53.18	48.830198	-86.934209	56163.50	56242.2	7.81	56171.30	56169.56250	56147.49254	56144.96484	504828.4	5408582.1
L4830.0	504828.4	5408583.8	7716.29981	254.72	53.18	48.830213	-86.934209	56163.07	56242.2	7.80	56170.87	56169.15625	56147.37059	56144.85938	504828.4	5408583.8
L4830.0	504828.4	5408583.8	7716.39990	254.07	51.44	48.830213	-86.934209	56162.84	56242.2	7.80	56170.64	56168.94922	56147.23026	56144.73438	504828.4	5408583.8
L4830.0	504828.4	5408585.5	7716.50000	254.05	51.44	48.830229	-86.934209	56163.20	56242.2	7.80	56171.00	56169.33203	56147.04559	56144.56250	504828.4	5408585.5
L4830.0	504828.4	5408587.1	7716.60010	255.35	52.59	48.830243	-86.934209	56162.86	56242.2	7.80	56170.66	56169.01563	56146.90259	56144.43750	504828.4	5408587.1
L4830.0	504828.5	5408588.6	7716.70020	254.72	52.59	48.830256	-86.934209	56162.54	56242.2	7.80	56170.33	56168.71094	56146.75394	56144.30078	504828.5	5408588.6
L4830.0	504828.5	5408588.6	7716.79981	255.55	63.69	48.830256	-86.934209	56162.25	56242.2	7.79	56170.05	56168.45703	56146.59699	56144.16016	504828.5	5408588.6
L4830.0	504828.5	5408590.1	7716.89990	255.93	69.67	48.830270	-86.934209	56162.23	56242.2	7.79	56170.02	56168.44922	56146.41842	56143.99609	504828.5	5408590.1
L4830.0	504828.5	5408591.7	7717.00000	256.67	69.67	48.830285	-86.934209	56161.66	56242.2	7.79	56169.45	56167.90625	56146.27090	56143.86328	504828.5	5408591.7
L4830.0	504828.5	5408591.7	7717.10010	256.31	63.91	48.830285	-86.934209	56161.39	56242.2	7.79	56169.18	56167.66406	56146.09844	56143.70313	504828.5	5408591.7
L4830.0	504828.5	5408592.9	7717.20020	257.88	63.91	48.830296	-86.934209	56161.25	56242.2	7.79	56169.03	56167.53906	56145.91304	56143.53125	504828.5	5408592.9
L4830.0	504828.5	5408595.7	7717.29981	258.86	64.23	48.830321	-86.934208	56160.96	56242.2	7.79	56168.74	56167.27734	56145.73203	56143.36328	504828.5	5408595.7
L4830.0	504828.5	5408595.7	7717.39990	258.93	63.23	48.830321	-86.934208	56160.92	56242.2	7.79	56168.70	56167.26172	56145.52940	56143.17188	504828.5	5408595.7
L4830.0	504828.5	5408597.1	7717.50000	258.00	63.23	48.830334	-86.934208	56160.44	56242.2	7.79	56168.22	56166.81250	56145.35115	56143.00781	504828.5	5408597.1
L4830.0	504828.5	5408598.6	7717.60010	256.82	56.32	48.830346	-86.934208	56160.36	56242.2	7.78	56168.14	56166.76172	56145.14128	56142.80859	504828.5	5408598.6
L4830.0	504828.5	5408598.6	7717.70020	258.15	50.69	48.830346	-86.934208	56159.78	56242.2	7.78	56167.56	56166.20703	56144.95976	56142.64063	504828.5	5408598.6
L4830.0	504828.5	5408600.0	7717.79981	257.50	53.72	48.830359	-86.934208	56159.83	56242.2	7.78	56167.61	56166.28906	56144.73126	56142.42188	504828.5	5408600.0
L4830.0	504828.5	5408601.2	7717.89990	258.84	53.72	48.830370	-86.934208	56159.68	56242.2	7.78	56167.46	56166.16797	56144.51108	56142.21484	504828.5	5408601.2
L4830.0	504828.5	5408602.4	7718.00000	258.06	63.99	48.830381	-86.934208	56159.60	56242.2	7.78	56167.38	56166.11719	56144.28121	56141.99609	504828.5	5408602.4
L4830.0	504828.5	5408603.7	7718.10010	258.21	66.51	48.830392	-86.934208	56158.77	56242.2	7.78	56166.55	56165.31641	56144.09629	56141.82031	504828.5	5408603.7
L4830.0	504828.5	5408605.6	7718.20020	256.79	66.51	48.830410	-86.934208	56159.04	56242.2	7.78	56166.82	56165.61719	56143.83296	56141.56641	504828.5	5408605.6
L4830.0	504828.5	5408605.6	7718.29981	257.71	62.47	48.830410	-86.934208	56158.92	56242.2	7.78	56166.71	56165.53906	56143.58988	56141.33594	504828.5	5408605.6
L4830.0	504828.5	5408607.3	7718.39990	258.91	62.47	48.830425	-86.934208	56157.97	56242.2	7.78	56165.76	56164.62109	56143.39767	56141.15234	504828.5	5408607.3
L4830.0	504828.5	5408609.0	7718.50000	257.70	60.61	48.830440	-86.934208	56157.73	56242.2	7.79	56165.52	56164.41406	56143.15297	56140.91797	504828.5	5408609.0
L4830.0	504828.5	5408610.3	7718.60010	257.17	60.61	48.830452	-86.934208	56157.58	56242.2	7.79	56165.36	56164.28516	56142.89776	56140.67188	504828.5	5408610.3
L4830.0	504828.5	5408610.3	7718.70020	256.57	49.49	48.830452	-86.934208	56156.82	56242.2	7.79	56164.61	56163.57031	56142.67665	56140.45703	504828.5	5408610.3
L4830.0	504828.5	5408612.1	7718.79981	256.00	49.48	48.830468	-86.934208	56156.84	56242.2	7.79	56164.63	56163.62500	56142.39897	56140.18750	504828.5	5408612.1
L4830.0	504828.5	5408613.3	7718.89990	254.97	49.2	48.830479	-86.934208	56156.92	56242.2	7.79	56164.71	56163.73828	56142.11199	56139.90625	504828.5	5408613.3
L4830.0	504828.5	5408614.8	7719.00000	254.34	49.2	48.830493	-86.934208	56156.52	56242.2	7.79	56164.31	56163.37109	56141.86964	56139.67188	504828.5	5408614.8
L4830.0	504828.5	5408614.8	7719.10010	254.43	54.32	48.830493	-86.934208	56156.03	56242.2	7.79	56163.81	56162.90625	56141.64469	56139.45313	504828.5	5408614.8
L4830.0	504828.5	5408616.3	7719.20020	256.09	54.32	48.830506	-86.934208	56156.23	56242.2	7.78	56164.02	56163.15234	56141.37391	56139.19141	504828.5	5408616.3
L4830.0	504828.5	5408618.0	7719.29981	256.90	62.59	48.830521	-86.934208	56155.40	56242.2	7.78	56163.18	56162.34766	56141.16690	56138.98828	504828.5	5408618.0
L4830.0	504828.5	5408619.4	7719.39990	258.79	62.59	48.830534	-86.934208	56154.74	56242.2	7.78	56162.52	56161.72266	56140.94519	56138.77344	504828.5	5408619.4
L4830.0	504828.5	5408621.6	7719.50000	259.90	58.66	48.830554	-86.934208	56154.90	56242.2	7.78	56162.67	56161.91016	56140.67413	56138.50391	504828.5	5408621.6

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4830.0	504828.5	5408621.6	7719.60010	260.31	58.66	48.830554	-86.934208	56154.71	56242.2	7.77	56162.48	56161.75781	56140.41981	56138.25391	504828.5	5408621.6
L4830.0	504828.5	5408623.1	7719.70020	260.77	60.83	48.830567	-86.934208	56153.92	56242.2	7.77	56161.69	56161.00391	56140.19190	56138.03125	504828.5	5408623.1
L4830.0	504828.5	5408624.2	7719.79981	260.01	53.48	48.830577	-86.934208	56154.41	56242.2	7.77	56162.18	56161.53516	56139.89422	56137.73828	504828.5	5408624.2
L4830.0	504828.5	5408625.7	7719.89990	259.28	53.48	48.830590	-86.934208	56153.30	56242.2	7.76	56161.06	56160.45313	56139.66720	56137.51172	504828.5	5408625.7
L4830.0	504828.5	5408627.1	7720.00000	257.96	53.42	48.830603	-86.934208	56153.53	56242.2	7.76	56161.29	56160.72266	56139.36848	56137.21875	504828.5	5408627.1
L4830.0	504828.5	5408627.1	7720.10010	259.92	53.42	48.830603	-86.934208	56152.63	56242.2	7.76	56160.38	56159.85156	56139.10839	56136.95703	504828.5	5408627.1
L4830.0	504828.5	5408629.0	7720.20020	259.31	62.89	48.830621	-86.934208	56152.92	56242.2	7.76	56160.67	56160.17969	56138.78598	56136.63672	504828.5	5408629.0
L4830.0	504828.5	5408630.5	7720.29981	258.77	62.89	48.830633	-86.934208	56151.56	56242.2	7.75	56159.31	56158.85938	56138.51494	56136.36719	504828.5	5408630.5
L4830.0	504828.5	5408631.9	7720.39990	257.63	57.67	48.830646	-86.934208	56151.71	56242.2	7.75	56159.46	56159.05078	56138.17038	56136.02344	504828.5	5408631.9
L4830.0	504828.5	5408631.9	7720.50000	259.32	60.56	48.830646	-86.934208	56150.92	56242.3	7.75	56158.67	56158.30078	56137.84588	56135.69922	504828.5	5408631.9
L4830.0	504828.5	5408633.8	7720.60010	258.96	61.39	48.830664	-86.934208	56151.19	56242.3	7.75	56158.94	56158.61328	56137.46599	56135.31641	504828.5	5408633.8
L4830.0	504828.5	5408635.5	7720.70020	258.14	61.39	48.830679	-86.934208	56150.29	56242.3	7.75	56158.03	56157.74219	56137.11444	56134.96484	504828.5	5408635.5
L4830.0	504828.5	5408635.5	7720.79981	257.75	61.37	48.830679	-86.934208	56150.19	56242.3	7.74	56157.93	56157.68750	56136.71688	56134.56641	504828.5	5408635.5
L4830.0	504828.5	5408637.2	7720.89990	259.11	60.18	48.830694	-86.934208	56149.13	56242.3	7.74	56156.88	56156.67969	56136.34241	56134.18750	504828.5	5408637.2
L4830.0	504828.5	5408638.6	7721.00000	258.13	60.18	48.830707	-86.934208	56148.85	56242.3	7.74	56156.59	56156.42969	56135.92457	56133.76953	504828.5	5408638.6
L4830.0	504828.5	5408638.6	7721.10010	259.27	61.73	48.830707	-86.934208	56148.55	56242.3	7.74	56156.29	56156.17578	56135.49432	56133.33594	504828.5	5408638.6
L4830.0	504828.5	5408640.3	7721.20020	260.06	61.73	48.830722	-86.934208	56147.94	56242.3	7.74	56155.68	56155.60938	56135.06705	56132.90234	504828.5	5408640.3
L4830.0	504828.5	5408641.5	7721.29981	259.14	61.03	48.830733	-86.934207	56147.67	56242.3	7.74	56155.41	56155.38281	56134.61432	56132.44531	504828.5	5408641.5
L4830.0	504828.5	5408642.7	7721.39990	258.02	60.67	48.830744	-86.934207	56146.85	56242.3	7.74	56154.59	56154.60547	56134.18202	56132.00781	504828.5	5408642.7
L4830.0	504828.5	5408642.7	7721.50000	258.24	60.67	48.830744	-86.934207	56146.81	56242.3	7.74	56154.55	56154.61328	56133.70328	56131.52344	504828.5	5408642.7
L4830.0	504828.5	5408644.4	7721.60010	259.46	61.02	48.830759	-86.934207	56146.40	56242.3	7.75	56154.14	56154.24609	56133.23933	56131.05469	504828.5	5408644.4
L4830.0	504828.5	5408646.1	7721.70020	257.41	61.02	48.830774	-86.934207	56145.66	56242.3	7.75	56153.41	56153.56250	56132.79108	56130.59766	504828.5	5408646.1
L4830.0	504828.6	5408648.1	7721.79981	256.42	58.73	48.830792	-86.934207	56144.77	56242.3	7.75	56152.52	56152.71875	56132.35198	56130.15234	504828.6	5408648.1
L4830.0	504828.6	5408648.1	7721.89990	256.79	58.73	48.830792	-86.934207	56144.07	56242.3	7.75	56151.82	56152.06250	56131.90138	56129.69531	504828.6	5408648.1
L4830.0	504828.6	5408649.5	7722.00000	256.79	64.26	48.830805	-86.934207	56143.36	56242.3	7.75	56151.11	56151.39844	56131.45239	56129.23828	504828.6	5408649.5
L4830.0	504828.6	5408651.1	7722.10010	257.67	64.26	48.830819	-86.934206	56143.04	56242.3	7.75	56150.78	56151.11719	56130.98778	56128.76172	504828.6	5408651.1
L4830.0	504828.6	5408652.9	7722.20020	257.04	64.14	48.830835	-86.934206	56142.14	56242.3	7.75	56149.89	56150.27344	56130.56786	56128.33203	504828.6	5408652.9
L4830.0	504828.6	5408652.9	7722.29981	256.25	62.55	48.830835	-86.934206	56141.46	56242.3	7.75	56149.20	56149.62891	56130.12797	56127.88281	504828.6	5408652.9
L4830.0	504828.6	5408654.3	7722.39990	256.23	62.55	48.830848	-86.934206	56141.57	56242.3	7.75	56149.32	56149.79688	56129.62743	56127.37109	504828.6	5408654.3
L4830.0	504828.7	5408656.0	7722.50000	254.77	62.77	48.830863	-86.934205	56141.03	56242.3	7.74	56148.77	56149.29688	56129.16485	56126.89844	504828.7	5408656.0
L4830.0	504828.7	5408656.0	7722.60010	256.93	62.77	48.830863	-86.934205	56140.50	56242.3	7.74	56148.25	56148.82422	56128.69355	56126.41406	504828.7	5408656.0
L4830.0	504828.7	5408657.9	7722.70020	256.41	60.58	48.830880	-86.934205	56140.07	56242.3	7.74	56147.82	56148.44141	56128.20949	56125.91797	504828.7	5408657.9
L4830.0	504828.7	5408659.4	7722.79981	257.90	62.36	48.830893	-86.934205	56138.56	56242.3	7.74	56146.30	56146.96875	56127.80647	56125.50000	504828.7	5408659.4
L4830.0	504828.7	5408661.3	7722.89990	257.72	62.36	48.830911	-86.934205	56138.20	56242.3	7.74	56145.94	56146.66016	56127.33210	56125.01172	504828.7	5408661.3
L4830.0	504828.7	5408661.3	7723.00000	256.87	61.78	48.830911	-86.934205	56137.67	56242.3	7.74	56145.41	56146.17578	56126.86741	56124.53125	504828.7	5408661.3
L4830.0	504828.7	5408663.2	7723.10010	257.30	61.78	48.830928	-86.934205	56136.78	56242.3	7.74	56144.52	56145.33594	56126.42230	56124.07031	504828.7	5408663.2
L4830.0	504828.7	5408663.2	7723.20020	258.38	60.46	48.830928	-86.934205	56137.02	56242.3	7.74	56144.75	56145.61328	56125.90831	56123.54297	504828.7	5408663.2
L4830.0	504828.7	5408664.6	7723.29981	260.03	60.46	48.830941	-86.934205	56134.96	56242.3	7.74	56142.70	56143.61328	56125.52083	56123.13672	504828.7	5408664.6
L4830.0	504828.7	5408666.3	7723.39990	259.59	50.09	48.830956	-86.934205	56134.41	56242.3	7.74	56142.14	56143.10156	56125.04361	56122.64453	504828.7	5408666.3
L4830.0	504828.7	5408667.7	7723.50000	260.62	56.89	48.830968	-86.934205	56134.11	56242.3	7.74	56141.84	56142.85156	56124.54932	56122.13281	504828.7	5408667.7
L4830.0	504828.7	5408667.7	7723.60010	258.39	56.89	48.830968	-86.934205	56133.38	56242.3	7.73	56141.11	56142.17188	56124.07181	56121.63672	504828.7	5408667.7
L4830.0	504828.7	5408669.9	7723.70020	259.09	56.89	48.830988	-86.934205	56133.24	56242.3	7.73	56140.97	56142.08203	56123.56326	56121.10938	504828.7	5408669.9
L4830.0	504828.7	5408671.2	7723.79981	257.33	55.65	48.830999	-86.934204	56132.16	56242.3	7.73	56139.89	56141.05078	56123.08907	56120.61328	504828.7	5408671.2
L4830.0	504828.7	5408672.3	7723.89990	259.76	48.91	48.831009	-86.934204	56131.52	56242.3	7.73	56139.25	56140.46094	56122.58963	56120.09375	504828.7	5408672.3
L4830.0	504828.7	5408674.0	7724.00000	258.36	48.91	48.831025	-86.934204	56130.31	56242.3	7.73	56138.04	56139.29688	56122.10137	56119.58594	504828.7	5408674.0
L4830.0	504828.7	5408674.0	7724.10010	259.07	56.86	48.831025	-86.934204	56129.48	56242.3	7.73	56137.21	56138.51563	56121.59014	56119.05078	504828.7	5408674.0
L4830.0	504828.7	5408675.2	7724.20020	260.01	56.86	48.831036	-86.934204	56128.79	56242.3	7.73	56136.53	56137.88672	56121.06504	56118.50391	504828.7	5408675.2
L4830.0	504828.7	5408676.8	7724.29981	258.75	61.96	48.831051	-86.934204	56127.93	56242.3	7.74	56135.66	56137.06641	56120.53478	56117.95313	504828.7	5408676.8
L4830.0	504828.7	5408678.6	7724.39990	259.27	61.96	48.831066	-86.934204	56127.23	56242.3	7.74	56134.97	56136.42578	56119.99037	56117.38281	504828.7	5408678.6
L4830.0	504828.8	5408680.5	7724.50000	259.34	58.43	48.831083	-86.934204	56126.38	56242.3	7.74	56134.12	56135.62109	56119.43879	56116.80859	504828.8	5408680.5
L4830.0	504828.8	5408680.5	7724.60010	258.25	58.43	48.831083	-86.934204	56125.70	56242.3	7.74	56133.45	56135.00000	56118.87399	56116.21875	504828.8	5408680.5
L4830.0	504828.8	5408682.4	7724.70020	259.62	52.3	48.831101	-86.934204	56124.55	56242.3	7.74	56132.29	56133.89063	56118.30453	56115.62500	504828.8	5408682.4
L4830.0	504828.8	5408683.6	7724.79981	259.52	52.3	48.831112	-86.934203	56124.26	56242.3	7.75	56132.00	56133.64844	56117.71552	56115.00781	504828.8	5408683.6
L4830.0	504828.8	5408683.6	7724.89990	259.95	48.17	48.831112	-86.934203	56123.25	56242.3	7.75	56131.00	56132.69531	56117.12254	56114.39063	504828.8	5408683.6
L4830.0	504828.8	5408685.3	7725.00000	261.27	48.17	48.831127	-86.934203	56121.82	56242.3	7.75	56129.57	56131.31250	56116.52003	56113.75781	504828.8	5408685.3
L4830.0	504828.8	5408687.0	7725.10010	261.95	50.37	48.831142	-86.934203	56121.15	56242.3	7.75	56128.90	56130.69141	56115.90254	56113.11328	504828.8	5408687.0
L4830.0	504828.8	5408687.0	7725.20020	262.66	60.35	48.831142	-86.934203	56120.32	56242.3	7.74	56128.06	56129.89453	56115.27497	56112.45703	504828.8	5408687.0
L4830.0	504828.8	5408688.9	7725.29981	260.61	60.35	48.831159	-86.934203	56119.31	56242.3	7.74	56127.05	56128.93359	56114.63649	56111.78906	504828.8	5408688.9
L4830.0	504828.8	5408690.7	7725.39990	260.71	60.09	48.831175	-86.934203	56118.09	56242.3	7.74	56125.83	56127.75781	56113.98637	56111.10938	504828.8	5408690.7
L4830.0	504828.8	5408690.7	7725.50000	260.12	60.09	48.831175	-86.934203	56117.46	56242.3	7.74	56125.19	56127.16406	56113.32525	56110.41797	504828.8	5408690.7
L4830.0	504828.8	5408692.6	7725.60010	259.41	59.34	48.831192	-86.934204	56116.12	56242.3	7.73	56123.85	56125.86719	56112.65173	56109.71484	504828.8	5408692.6
L4830.0	504828.7	5408694.3	7725.70020	260.55	54.97	48.831208	-86.934204	56115.14	56242.3	7.73	56122.87	56124.93359	56111.96755	56108.99609	504828.7	5408694.3
L4830.0	504828.7	5408694.3	7725.79981	258.39	54.97	48.831208	-86.934204	56114.55	56242.3	7.73	56122.28	56124.38672	56111.27268	56108.26953	504828.7	5408694.3
L4830.0	504828.7	5408696.0	7725.89990	256.57	56.87	48.831222	-86.934204	56113.08	56242.3	7.72	56120.80	56122.94922	56110.56691	56107.53125	504828.7	5408696.0
L4830.0	504828.7	5408697.7	7726.00000	257.39	56.87	48.831238	-86.934204	56112.07	56242.3	7.72	56119.79	56121.98047	56109.85125	56106.78125	504828.7	5408697.7
L4830.0	504828.7	5408699.2	7726.10010	259.30	56.72	48.831251	-86.934204	56111.44	56242.3	7.72	56119.16	56121.39063	56109.12483	56106.02344	504828.7	5408699.2
L4830.0	504828.7	5408699.2	7726.20020	260.44	56.72	48.831251	-86.934204	56109.70	56242.3	7.72	56117.42	56119.69141	56108.39533	56105.25781	504828.7	5408699.2
L4830.0	504828.7	5408701.1	7726.29981	260.60	56.82	48.831269	-86.934205	56108.94	56242.3	7.72	56116.66	56118.97266	56107.65348	56104.48047	504828.7	5408701.1
L4830.0	504828.7	5408702.5	7726.39990	260.62	56.82	48.831282	-86.934205	56108.02	56242.3	7.72	56115.74	56118.09375	56106.90537	56103.69531	504828.7	5408702.5
L4830.0	504828.7	5408702.5	7726.50000	260.69	55.62	48.831282	-86.934205	56106.86	56242.3	7.72	56114.58	56116.96875	56106.15327	56102.90625	504828.7	5408702.5
L4830.0	504828.7	5408704.2	7726.60010	259.05	54.36	48.831297	-86.934205	56105.72	56242.3	7.72	56113.44	56115.86719	56105.39495	56102.10938	504828.7	5408704.2
L4830.0	504828.7	5408706.2	7726.70020	259.05	54.36	48.831314	-86.934205	56104.74	56242.3	7.72	56112.46	56114.92188	56104.62780	56101.30469	504828.7	5408706.2
L4830.0	504828.7	5408706.2	7726.79981	259.42	50.79	48.831314	-86.934205	56103.90	56242.3	7.72	56111.62	56114.11719	56103.85079	56100.48828	504828.7	5408706.2
L4830.0	504828.6	5408709.0	7726.89990	260.28	50.79	48.831340	-86.934205	56102.14	56242.3	7.72	56109.86	56112.39063	56103.08949	56099.68750	504828.6	5408709.0
L4830.0	504828.6	5408709.0	7727.00000	258.92	52.83	48.831340	-86.934205	56101.44	56242.3	7.72	56109.16	56111.72656	56102.29616	56098.85547	504828.6	5408709.0
L4830.0	504828.6	5408710.7	7727.10010	259.06	52.83	48.831356	-86.934205	56100.44	56242.3	7.72	56108.16	56110.75781	56101.50446	56098.02344	504828.6	5408710.7
L4830.0	504828.6	5408712.4	7727.20020	256.61	52.91	48.831371	-86.934205	56098.49	56242.3	7.72	56106.21	56108.83594	56100.74143	56097.21875	504828.6	5408712.4
L4830.0	504828.6	5408712.4	7727.29981	255.73	53.22	48.831371	-86.934205	56097.27	56242.3	7.72	56104.99	56107.64844	56099.95104	56096.38672	504828.6	5408712.4
L4830.0	504828.6	5408713.9	7727.39990	256.41	53.22	48.831384	-86.934205	56096.06	56242.3	7.72	56103.79	56106.47266	56099.15633	56095.55078	504828.6	5408713.9
L4830.0	504828.6	5408713.9	7727.50000	256.69	51.37	48.831384	-86.934205	56095.38	56242.3	7.73	56103.10	56105.81250	56098.33456	56094.68359	504828.6	5408713.9
L4830.0	504828.6	5408715.5	7727.60010	259.50	51.37	48.831399	-86.934205	56093.91	56242.3	7.73	56101.63	56104.36719	56097.54479	56093.85156	504828.6	5408715.5
L4830.0	504828.6	5408717.2	7727.70020	261.10	57.01	48.831414	-86.934206	56092.82	56242.3	7.73	56100.55	56103.30859	56096.73282	56092.99219	504828.6	5408717.2
L4830.0	504828.6	5408718.9	7727.79981	260.85	57.01	48.831429	-86.934206	56091.38	56242.3	7.73	56099.11	56101.89063	56095.93626	56092.15234	504828.6	5408718.9
L4830.0	504828.6	5408720.4	7727.89990	262.42	49.86	48.831442	-86.934206	56090.09	56242.3	7.73	56097.82	56100.62109	56095.12833	56091.29688	504828.6	5408720.4
L4830.0	504828.6	5408720.4	7728.00000	260.84	51.21	48.831442	-86.934206	56089.13	56242.3	7.73	56096.86	56099.67969	56094.29727	56090.42188	504828.6	5408720.4
L4830.0	504828.6	5408721.8	7728.10010	259.12	51.21	48.831455	-86.934206	56087.36	56242.3	7.73	56095.09	56097.92969	56093.50878	56089.58594	504828.6	5408721.8
L4830.0	504828.6	5408723.5	7728.20020	255.43	53.44	48.831470	-86.934206	56086.20	56242.3	7.73	56093.93	56096.78125	56092.67945	56088.70703	504828.6	5408723.5
L4830.0	504828.6	5408725.2	7728.29981	256.60	53.44	48.831486	-86.934206	56085.00	56242.3	7.73	56092.74	56095.60547	56091.84617	56087.82422	504828.6	5408725.2
L4830.0	504828.6	5408725.2	7728.39990	255.89	51.83	48.831486	-86.934206	56083.08	56242.3	7.73	56090.82	56093.69922	56091.05068	56086.98047	504828.6	5408725.2
L4830.0	504828.6	5408726.4	7728.50000	257.44	51.83	48.831496	-86.934206	56082.07	56242.3	7.74	56089.81	56092.69922	56090.19393	56086.07422	504828.6	5408726.4
L4830.0	504828.6	5408728.1	7728.60010	256.16	50.08	48.831511	-86.934206	56080.71	56242.3	7.74	56088.44	56091.33594	56089.35191	56085.18359	504828.6	5408728.1
L4830.0	504828.6	5408729.5	7728.70020	256.93	50.08	48.831525	-86.934205	56079.34	56242.3	7.74	56087.08	56089.98438	56088.50220	56084.28125	504828.6	5408729.5
L4830.0	504828.6	5408729.5	7728.79981	257.21	49.15	48.831525	-86.934205	56077.95	56242.3	7.74	56085.69	56088.59766	56087.64704	56083.37500	504828.6	5408729.5

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4830.0	504828.6	5408731.2	7728.89990	258.65	50.67	48.831540	-86.934205	56076.20	56242.3	7.74	56083.94	56086.84766	56086.80483	56082.48047	504828.6	5408731.2
L4830.0	504828.6	5408732.9	7729.00000	259.08	50.67	48.831555	-86.934205	56075.07	56242.3	7.74	56082.81	56085.71875	56085.92077	56081.54297	504828.6	5408732.9
L4830.0	504828.6	5408732.9	7729.10010	258.37	50.87	48.831555	-86.934205	56073.19	56242.3	7.74	56080.93	56083.83594	56085.07046	56080.63672	504828.6	5408732.9
L4830.0	504828.6	5408734.9	7729.20020	260.13	50.87	48.831573	-86.934205	56071.83	56242.3	7.74	56079.57	56082.47266	56084.18482	56079.69922	504828.6	5408734.9
L4830.0	504828.6	5408736.4	7729.29981	259.75	52	48.831586	-86.934205	56069.93	56242.3	7.74	56077.67	56080.56641	56083.31985	56078.77734	504828.6	5408736.4
L4830.0	504828.6	5408737.8	7729.39990	258.34	59.04	48.831599	-86.934205	56068.82	56242.3	7.74	56076.56	56079.44531	56082.40804	56077.80859	504828.6	5408737.8
L4830.0	504828.6	5408737.8	7729.50000	258.10	59.04	48.831599	-86.934205	56066.82	56242.3	7.74	56074.56	56077.43359	56081.53343	56076.87891	504828.6	5408737.8
L4830.0	504828.6	5408739.2	7729.60010	259.42	58.49	48.831612	-86.934205	56065.73	56242.3	7.74	56073.47	56076.33203	56080.60909	56075.89844	504828.6	5408739.2
L4830.0	504828.6	5408740.7	7729.70020	259.03	58.49	48.831625	-86.934205	56063.64	56242.3	7.74	56071.38	56074.22656	56079.72499	56074.95313	504828.6	5408740.7
L4830.0	504828.6	5408740.7	7729.79981	258.27	58.79	48.831625	-86.934205	56061.59	56242.3	7.74	56069.33	56072.15625	56078.83267	56074.00391	504828.6	5408740.7
L4830.0	504828.6	5408742.4	7729.89990	257.69	58.79	48.831640	-86.934205	56059.89	56242.3	7.74	56067.63	56070.43750	56077.92057	56073.03125	504828.6	5408742.4
L4830.0	504828.6	5408744.1	7730.00000	258.96	54.62	48.831655	-86.934205	56058.04	56242.3	7.74	56065.78	56068.56250	56077.01184	56072.06250	504828.6	5408744.1
L4830.0	504828.6	5408745.3	7730.10010	258.53	56.79	48.831666	-86.934205	56056.25	56242.3	7.74	56063.99	56066.74609	56076.09844	56071.08984	504828.6	5408745.3
L4830.0	504828.6	5408746.5	7730.20020	258.53	58.73	48.831677	-86.934204	56054.50	56242.3	7.74	56062.24	56064.96875	56075.18314	56070.11328	504828.6	5408746.5
L4830.0	504828.6	5408746.5	7730.20020	258.99	58.73	48.831677	-86.934204	56052.78	56242.3	7.74	56060.52	56063.21875	56074.26776	56069.13672	504828.6	5408746.5
L4830.0	504828.7	5408748.2	7730.39990	258.17	58.6	48.831692	-86.934204	56050.41	56242.3	7.74	56058.15	56060.81250	56073.38121	56068.18750	504828.7	5408748.2
L4830.0	504828.7	5408749.7	7730.50000	257.45	58.6	48.831706	-86.934204	56048.61	56242.3	7.74	56056.35	56058.97656	56072.47663	56067.21875	504828.7	5408749.7
L4830.0	504828.7	5408751.1	7730.60010	257.42	58.73	48.831719	-86.934204	56045.72	56242.3	7.75	56053.47	56056.05859	56071.62141	56066.29688	504828.7	5408751.1
L4830.0	504828.7	5408751.1	7730.70020	258.26	58.73	48.831719	-86.934204	56044.03	56242.3	7.75	56051.77	56054.31641	56070.72486	56065.33594	504828.7	5408751.1
L4830.0	504828.7	5408753.1	7730.79981	257.64	57.51	48.831736	-86.934204	56042.21	56242.3	7.75	56049.96	56052.46094	56069.83953	56064.38672	504828.7	5408753.1
L4830.0	504828.7	5408754.7	7730.89990	257.09	51.65	48.831751	-86.934204	56040.16	56242.3	7.75	56047.91	56050.36328	56068.97185	56063.45313	504828.7	5408754.7
L4830.0	504828.7	5408756.2	7731.00000	258.87	51.65	48.831764	-86.934204	56037.71	56242.3	7.75	56045.46	56047.86328	56068.13014	56062.54297	504828.7	5408756.2
L4830.0	504828.7	5408756.2	7731.10010	259.08	47.98	48.831764	-86.934204	56035.05	56242.2	7.75	56042.80	56045.15234	56067.30834	56061.65234	504828.7	5408756.2
L4830.0	504828.7	5408757.7	7731.20020	258.02	47.98	48.831778	-86.934203	56032.59	56242.2	7.75	56040.35	56042.64453	56066.48775	56060.76172	504828.7	5408757.7
L4830.0	504828.7	5408759.7	7731.29981	258.73	46.74	48.831796	-86.934203	56030.45	56242.2	7.76	56038.20	56040.43750	56065.66251	56059.86719	504828.7	5408759.7
L4830.0	504828.7	5408761.1	7731.39990	259.70	46.74	48.831809	-86.934203	56027.96	56242.2	7.76	56035.72	56037.89453	56064.86486	56059.00000	504828.7	5408761.1
L4830.0	504828.7	5408761.1	7731.50000	260.44	50.57	48.831809	-86.934203	56025.11	56242.2	7.76	56032.87	56034.98047	56064.09874	56058.16406	504828.7	5408761.1
L4830.0	504828.7	5408762.5	7731.60010	259.91	49.9	48.831822	-86.934203	56022.93	56242.2	7.76	56030.70	56032.74219	56063.30602	56057.30078	504828.7	5408762.5
L4830.0	504828.7	5408763.8	7731.70020	257.61	52.26	48.831832	-86.934203	56020.00	56242.2	7.76	56027.76	56029.73438	56062.56764	56056.48828	504828.7	5408763.8
L4830.0	504828.8	5408765.5	7731.79981	257.34	52.26	48.831848	-86.934203	56017.12	56242.2	7.77	56024.88	56026.78125	56061.83745	56055.68750	504828.8	5408765.5
L4830.0	504828.8	5408765.5	7731.89990	258.67	56.83	48.831848	-86.934203	56014.03	56242.2	7.77	56021.79	56023.61328	56061.13148	56054.90625	504828.8	5408765.5
L4830.0	504828.8	5408767.0	7732.00000	257.90	56.83	48.831862	-86.934202	56011.27	56242.2	7.77	56019.04	56020.78516	56060.41589	56054.11719	504828.8	5408767.0
L4830.0	504828.8	5408768.6	7732.10010	256.95	50.92	48.831876	-86.934202	56008.41	56242.2	7.77	56016.18	56017.84375	56059.71799	56053.34375	504828.8	5408768.6
L4830.0	504828.8	5408769.9	7732.20020	255.71	50.92	48.831888	-86.934202	56005.76	56242.2	7.76	56013.52	56015.09766	56059.01749	56052.56641	504828.8	5408769.9
L4830.0	504828.8	5408771.3	7732.29981	255.59	44.94	48.831901	-86.934202	56002.80	56242.2	7.76	56010.56	56012.05078	56058.34717	56051.82031	504828.8	5408771.3
L4830.0	504828.8	5408771.3	7732.39990	255.58	48.03	48.831901	-86.934202	55999.61	56242.2	7.76	56007.37	56008.76953	56057.69847	56051.09375	504828.8	5408771.3
L4830.0	504828.8	5408773.0	7732.50000	255.23	48.03	48.831916	-86.934202	55996.45	56242.2	7.75	56004.20	56005.50391	56057.03865	56050.35547	504828.8	5408773.0
L4830.0	504828.8	5408774.5	7732.60010	255.45	49.54	48.831929	-86.934202	55993.52	56242.2	7.75	56001.27	56002.47656	56056.38062	56049.62109	504828.8	5408774.5
L4830.0	504828.8	5408776.0	7732.70020	257.78	49.05	48.831942	-86.934202	55990.45	56242.3	7.75	55998.20	55999.30859	56055.75103	56048.91016	504828.8	5408776.0
L4830.0	504828.8	5408777.0	7732.79981	257.83	49.05	48.831951	-86.934202	55986.46	56242.3	7.75	55994.20	55995.20703	56055.15760	56048.23828	504828.8	5408777.0
L4830.0	504828.8	5408777.0	7732.89990	257.55	46.1	48.831951	-86.934202	55983.55	56242.3	7.74	55991.29	55992.19141	56054.47266	56047.47266	504828.8	5408777.0
L4830.0	504828.9	5408779.2	7733.00000	257.98	49.26	48.831971	-86.934201	55980.21	56242.3	7.74	55987.95	55988.74219	56053.79864	56046.71484	504828.9	5408779.2
L4830.0	504828.9	5408780.6	7733.10010	258.00	49.26	48.831984	-86.934201	55976.85	56242.3	7.74	55984.59	55985.27344	56053.10621	56045.94141	504828.9	5408780.6
L4830.0	504828.9	5408780.6	7733.20020	257.39	50.95	48.831984	-86.934201	55973.68	56242.3	7.74	55981.43	55981.99609	56052.38732	56045.14063	504828.9	5408780.6
L4830.0	504828.9	5408782.3	7733.29981	257.14	49.86	48.831999	-86.934201	55969.34	56242.3	7.75	55977.08	55977.53125	56051.72158	56044.39063	504828.9	5408782.3
L4830.0	504828.9	5408784.1	7733.39990	258.83	49.86	48.832015	-86.934201	55966.83	56242.3	7.75	55974.58	55974.91016	56050.95108	56043.53516	504828.9	5408784.1
L4830.0	504828.9	5408785.5	7733.50000	258.43	51.91	48.832028	-86.934200	55963.11	56242.3	7.75	55970.86	55971.07031	56050.24339	56042.74219	504828.9	5408785.5
L4830.0	504828.9	5408785.5	7733.60010	258.42	51.91	48.832028	-86.934200	55959.77	56242.2	7.75	55967.53	55967.61328	56049.51876	56041.93359	504828.9	5408785.5
L4830.0	504828.9	5408787.7	7733.70020	257.10	49.71	48.832048	-86.934200	55956.51	56242.2	7.75	55964.26	55964.21875	56048.79878	56041.12500	504828.9	5408787.7
L4830.0	504828.9	5408789.0	7733.79981	259.66	51.9	48.832060	-86.934200	55952.87	56242.2	7.76	55960.62	55960.44531	56048.10553	56040.34766	504828.9	5408789.0
L4830.0	504829.0	5408790.3	7733.89990	258.26	51.9	48.832072	-86.934200	55950.18	56242.2	7.76	55957.94	55957.63281	56047.40058	56039.55469	504829.0	5408790.3
L4830.0	504829.0	5408791.8	7734.00000	258.16	51.9	48.832085	-86.934200	55946.19	56242.2	7.76	55953.95	55953.50781	56046.76450	56038.82813	504829.0	5408791.8
L4830.0	504829.0	5408791.8	7734.10010	256.38	41.49	48.832085	-86.934200	55943.38	56242.2	7.76	55951.14	55950.56250	56046.13055	56038.10547	504829.0	5408791.8
L4830.0	504829.0	5408793.5	7734.20020	256.97	41.49	48.832100	-86.934199	55940.98	56242.2	7.76	55948.73	55948.01172	56045.53907	56037.42578	504829.0	5408793.5
L4830.0	504829.0	5408794.8	7734.29981	257.37	41.95	48.832111	-86.934199	55936.86	56242.2	7.75	55944.61	55943.74609	56045.03812	56036.83594	504829.0	5408794.8
L4830.0	504829.0	5408796.5	7734.39990	257.49	51.49	48.832127	-86.934199	55934.27	56242.2	7.75	55942.03	55941.02344	56044.56666	56036.27344	504829.0	5408796.5
L4830.0	504829.0	5408798.4	7734.50000	258.22	51.49	48.832144	-86.934199	55931.29	56242.3	7.75	55939.04	55937.88672	56044.16956	56035.78516	504829.0	5408798.4
L4830.0	504829.0	5408798.4	7734.60010	261.06	50.51	48.832144	-86.934199	55928.96	56242.3	7.75	55936.71	55935.40625	56043.83444	56035.35938	504829.0	5408798.4
L4830.0	504829.0	5408799.9	7734.70020	261.17	50.51	48.832158	-86.934199	55925.50	56242.3	7.75	55933.24	55931.78125	56043.58845	56035.01953	504829.0	5408799.9
L4830.0	504829.0	5408801.1	7734.79981	260.16	47.65	48.832169	-86.934199	55923.42	56242.3	7.74	55931.17	55929.55859	56043.40526	56034.74219	504829.0	5408801.1
L4830.0	504829.0	5408801.1	7734.89990	259.60	49.01	48.832169	-86.934199	55921.30	56242.3	7.74	55929.04	55927.27344	56043.30724	56034.55078	504829.0	5408801.1
L4830.0	504829.0	5408802.6	7735.00000	260.54	49.01	48.832182	-86.934199	55919.56	56242.3	7.74	55927.29	55925.36328	56043.29491	56034.44531	504829.0	5408802.6
L4830.0	504829.0	5408804.3	7735.10010	261.76	47.62	48.832197	-86.934199	55917.18	56242.3	7.74	55924.92	55922.83203	56043.38259	56034.43750	504829.0	5408804.3
L4830.0	504829.0	5408805.8	7735.20020	260.56	46.81	48.832210	-86.934199	55915.36	56242.3	7.75	55923.10	55920.85156	56043.56188	56034.52344	504829.0	5408805.8
L4830.0	504829.0	5408807.5	7735.29981	259.68	46.81	48.832226	-86.934199	55914.04	56242.3	7.75	55921.79	55919.37500	56043.83528	56034.69922	504829.0	5408807.5
L4830.0	504829.0	5408807.5	7735.39990	259.92	48.62	48.832226	-86.934199	55912.85	56242.2	7.75	55920.60	55918.01953	56044.20705	56034.97656	504829.0	5408807.5
L4830.0	504829.0	5408808.9	7735.50000	260.22	44.75	48.832239	-86.934199	55912.37	56242.2	7.75	55920.12	55917.37109	56044.66616	56035.33984	504829.0	5408808.9
L4830.0	504828.9	5408810.7	7735.60010	259.26	45.48	48.832254	-86.934200	55911.98	56242.2	7.76	55919.74	55916.82422	56045.21700	56035.79297	504828.9	5408810.7
L4830.0	504828.9	5408811.8	7735.70020	258.29	45.48	48.832265	-86.934200	55911.23	56242.2	7.76	55918.99	55915.90234	56045.86449	56036.34375	504828.9	5408811.8
L4830.0	504828.9	5408811.8	7735.79981	257.62	45.48	48.832265	-86.934200	55910.65	56242.2	7.76	55918.42	55915.16016	56046.59381	56036.97656	504828.9	5408811.8
L4830.0	504828.9	5408813.3	7735.89990	258.42	46.33	48.832279	-86.934200	55910.78	56242.2	7.77	55918.54	55915.10547	56047.38642	56037.67188	504828.9	5408813.3
L4830.0	504828.9	5408814.8	7736.00000	257.64	46.98	48.832291	-86.934200	55911.34	56242.2	7.77	55919.11	55915.49609	56048.23652	56038.42188	504828.9	5408814.8
L4830.0	504828.9	5408816.8	7736.10010	258.98	46.98	48.832309	-86.934200	55912.44	56242.2	7.77	55920.21	55916.42188	56049.13120	56039.21875	504828.9	5408816.8
L4830.0	504828.9	5408816.8	7736.20020	258.48	48.33	48.832309	-86.934200	55913.74	56242.2	7.77	55921.51	55917.54297	56050.07246	56040.06250	504828.9	5408816.8
L4830.0	504828.9	5408818.3	7736.29981	258.75	48.33	48.832323	-86.934200	55915.71	56242.2	7.77	55923.47	55919.32422	56051.03833	56040.92969	504828.9	5408818.3
L4830.0	504828.9	5408819.7	7736.39990	258.85	43.31	48.832335	-86.934200	55917.28	56242.2	7.77	55925.04	55920.71094	56052.05990	56041.85156	504828.9	5408819.7
L4830.0	504828.9	5408821.4	7736.50000	258.25	43.31	48.832351	-86.934200	55918.62	56242.2	7.76	55926.39	55921.87891	56053.12830	56042.82031	504828.9	5408821.4
L4830.0	504828.9	5408822.6	7736.60010	258.36	43.99	48.832362	-86.934200	55921.45	56242.2	7.76	55929.21	55924.51953	56054.16165	56043.75391	504828.9	5408822.6
L4830.0	504828.9	5408824.4	7736.70020	257.66	43.99	48.832378	-86.934200	55923.83	56242.2	7.76	55931.59	55926.71484	56055.22991	56044.72266	504828.9	5408824.4
L4830.0	504828.9	5408824.4	7736.79981	258.19	42.58	48.832378	-86.934200	55926.98	56242.2	7.76	55934.75	55929.69141	56056.27410	56045.66797	504828.9	5408824.4
L4830.0	504828.9	5408826.3	7736.89990	258.93	42.58	48.832395	-86.934200	55929.95	56242.2	7.76	55937.71	55932.46484	56057.33652	56046.63281	504828.9	5408826.3
L4830.0	504828.9	5408826.3	7737.00000	258.68	43.38	48.832395	-86.934200	55933.57	56242.2	7.76	55941.33	55935.89844	56058.37241	56047.56641	504828.9	5408826.3
L4830.0	504828.9	5408827.8	7737.10010	257.30	43.49	48.832408	-86.934200	55937.52	56242.2	7.76	55945.28	55939.66406	56059.39689	56048.49219	504828.9	5408827.8
L4830.0	504828.9	5408829.2	7737.20020	255.37	43.49	48.832421	-86.934200	55941.31	56242.2	7.76	55949.07	55943.26953	56060.43880	56049.43359	504828.9	5408829.2
L4830.0	504828.9	5408830.9	7737.29981	255.52	42.51	48.832436	-86.934200	55945.10	56242.2	7.76	55952.86	55946.87109	56061.48983	56050.38672	504828.9	5408830.9
L4830.0	504828.9	5408830.9	7737.39990	258.16	42.84	48.832436	-86.934200	55950.26	56242.2	7.76	55958.01	55951.83594	56062.47828	56051.27344	504828.9	5408830.9
L4830.0	504828.9	5408832.8	7737.50000	256.71	42.41	48.832454	-86.934200	55954.38	56242.2	7.76	55962.14	55955.77734	56063.53092	56052.22656	504828.9	5408832.8
L4830.0	504828.9	5408834.3	7737.60010	256.86	42.41	48.832467	-86.934200	55959.09	56242.2	7.75	55966.84	55960.28906	56064.56519	56053.16406	504828.9	5408834.3
L4830.0	504828.9	5408834.3	7737.70020	257.44	44.71	48.832467	-86.934200	55963.92	56242.2	7.75	55971.67	55964.93359	56065.60572	56054.10547	504828.9	5408834.3
L4830.0	504828.9	5408836.0	7737.79981	258.08	44.71	48.832482	-86.934200	55968.98	56242.2	7.75	55976.73	55969.80469	56066.64984	56055.04688	504828.9	5408836.0
L4830.0	504828.9	5408837.4	7737.89990	257.98	43.42	48.832495	-86.934201	55974.39	56242.2	7.75	55982.15	55975.03906	56067.69547	56055.99609	504828.9	5408837.4
L4830.0	504828.9	5408839.1	7738.00000	258.70	43.42	48.832510	-86.934201	55978.87	56242.3	7.75	55986.62	55979.32422	56068.80901	56057.01172	504828.9	5408839.1
L4830.0	504828.9	5408839.1	7738.10010	257.61	44.12	48.832510	-86.934201	55984.28	56242.3	7.75	55992.03	55984.54688	56069.90676	56058.01172	504828.9	5408839.1

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4830.0	504828.8	5408840.6	7738.20020	258.53	43.37	48.832523	-86.934201	55989.77	56242.3	7.75	55997.52	55989.85156	56071.03473	56059.03906	504828.8	5408840.6
L4830.0	504828.8	5408842.3	7738.29981	257.30	43.37	48.832539	-86.934201	55994.88	56242.3	7.75	56002.63	55994.77734	56072.21564	56060.12500	504828.8	5408842.3
L4830.0	504828.8	5408843.6	7738.39990	258.28	42.84	48.832551	-86.934201	56000.55	56242.3	7.75	56008.29	56000.25000	56073.41936	56061.23047	504828.8	5408843.6
L4830.0	504828.8	5408843.6	7738.50000	259.10	41.96	48.832551	-86.934201	56005.73	56242.3	7.74	56013.48	56005.25781	56074.68631	56062.39844	504828.8	5408843.6
L4830.0	504828.8	5408845.0	7738.60010	258.71	41.96	48.832564	-86.934201	56011.22	56242.3	7.74	56018.96	56010.55469	56075.99391	56063.61328	504828.8	5408845.0
L4830.0	504828.8	5408846.3	7738.70020	258.67	43.22	48.832575	-86.934201	56016.91	56242.3	7.74	56024.66	56016.07422	56077.34828	56064.87109	504828.8	5408846.3
L4830.0	504828.9	5408847.7	7738.79981	259.37	43.22	48.832587	-86.934201	56022.00	56242.3	7.74	56029.74	56020.97266	56078.76955	56066.19531	504828.9	5408847.7
L4830.0	504828.9	5408847.7	7738.89990	259.76	42.01	48.832587	-86.934201	56027.48	56242.3	7.74	56035.22	56026.27344	56080.23266	56067.56641	504828.9	5408847.7
L4830.0	504828.9	5408849.6	7739.00000	261.16	42.01	48.832604	-86.934200	56033.15	56242.3	7.74	56040.89	56031.76563	56081.74208	56068.98047	504828.9	5408849.6
L4830.0	504828.9	5408851.2	7739.10010	260.49	35.42	48.832619	-86.934200	56038.52	56242.3	7.74	56046.26	56036.95703	56083.30292	56070.44922	504828.9	5408851.2
L4830.0	504828.9	5408852.9	7739.20020	260.28	34.75	48.832634	-86.934200	56043.78	56242.3	7.74	56051.52	56042.04297	56084.90701	56071.96094	504828.9	5408852.9
L4830.0	504828.9	5408854.4	7739.29981	260.24	34.75	48.832648	-86.934200	56048.96	56242.3	7.74	56056.70	56047.05078	56086.54915	56073.51172	504828.9	5408854.4
L4830.0	504828.9	5408855.5	7739.39990	260.47	36.62	48.832658	-86.934200	56054.35	56242.3	7.74	56062.09	56052.26563	56088.22109	56075.09375	504828.9	5408855.5
L4830.0	504828.9	5408855.5	7739.50000	260.53	36.62	48.832658	-86.934200	56058.96	56242.3	7.74	56066.70	56056.70703	56089.92724	56076.70703	504828.9	5408855.5
L4830.0	504828.9	5408857.4	7739.60010	261.01	39.87	48.832675	-86.934199	56064.34	56242.3	7.75	56072.09	56061.92578	56091.64552	56078.33984	504828.9	5408857.4
L4830.0	504828.9	5408857.4	7739.70020	261.32	38.36	48.832675	-86.934199	56068.62	56242.3	7.75	56076.36	56066.03125	56093.38837	56079.99219	504828.9	5408857.4
L4830.0	504829.0	5408860.1	7739.79981	259.78	36.68	48.832699	-86.934199	56073.93	56242.3	7.75	56081.67	56071.17578	56095.13046	56081.64844	504829.0	5408860.1
L4830.0	504829.0	5408860.1	7739.89990	257.84	36.68	48.832699	-86.934199	56078.51	56242.3	7.75	56086.26	56075.60156	56096.88403	56083.31641	504829.0	5408860.1
L4830.0	504829.0	5408861.6	7740.00000	258.86	36.68	48.832713	-86.934199	56083.19	56242.3	7.75	56090.94	56080.12109	56098.63750	56084.98438	504829.0	5408861.6
L4830.0	504829.0	5408863.2	7740.10010	257.53	33.3	48.832727	-86.934199	56088.02	56242.3	7.75	56095.76	56084.78125	56100.38694	56086.64844	504829.0	5408863.2
L4830.0	504829.0	5408864.9	7740.20020	257.51	35.32	48.832742	-86.934198	56092.72	56242.3	7.75	56100.47	56089.33594	56102.13272	56088.31250	504829.0	5408864.9
L4830.0	504829.0	5408866.1	7740.29981	259.43	35.32	48.832753	-86.934198	56096.82	56242.3	7.75	56104.57	56093.28125	56103.88032	56089.97656	504829.0	5408866.1
L4830.0	504829.0	5408866.1	7740.39990	258.36	33.49	48.832753	-86.934198	56101.19	56242.3	7.75	56108.94	56097.49609	56105.61753	56091.63281	504829.0	5408866.1
L4830.0	504829.0	5408867.6	7740.50000	260.63	33.49	48.832766	-86.934198	56104.84	56242.3	7.74	56112.59	56101.00000	56107.35878	56093.29688	504829.0	5408867.6
L4830.0	504829.0	5408869.4	7740.60010	260.00	36.72	48.832783	-86.934198	56108.78	56242.3	7.74	56116.53	56104.79297	56109.08950	56094.94922	504829.0	5408869.4
L4830.0	504829.0	5408869.4	7740.70020	259.41	36.72	48.832783	-86.934198	56112.90	56242.3	7.74	56120.65	56108.76563	56110.81179	56096.59375	504829.0	5408869.4
L4830.0	504829.0	5408871.1	7740.79981	258.71	41.41	48.832798	-86.934198	56116.70	56242.3	7.74	56124.44	56112.41406	56112.53496	56098.24219	504829.0	5408871.1
L4830.0	504829.0	5408872.5	7740.89990	259.26	40.68	48.832811	-86.934197	56120.24	56242.3	7.74	56127.98	56115.81641	56114.25877	56099.89453	504829.0	5408872.5
L4830.0	504829.1	5408874.2	7741.00000	258.37	40.68	48.832826	-86.934197	56124.06	56242.3	7.74	56131.80	56119.50000	56115.97545	56101.53516	504829.1	5408874.2
L4830.0	504829.1	5408874.2	7741.10010	259.56	40.68	48.832826	-86.934197	56127.24	56242.3	7.74	56134.98	56122.54688	56117.69982	56103.19141	504829.1	5408874.2
L4830.0	504829.1	5408875.6	7741.20020	260.63	40.51	48.832839	-86.934197	56130.77	56242.3	7.74	56138.51	56125.94922	56119.41718	56104.83984	504829.1	5408875.6
L4830.0	504829.1	5408877.1	7741.29981	259.16	38.1	48.832852	-86.934197	56134.12	56242.3	7.74	56141.86	56129.17188	56121.13487	56106.48828	504829.1	5408877.1
L4830.0	504829.1	5408879.0	7741.39990	257.32	38.1	48.832869	-86.934197	56137.44	56242.3	7.74	56145.18	56132.36719	56122.84921	56108.13672	504829.1	5408879.0
L4830.0	504829.1	5408879.0	7741.50000	255.97	37.91	48.832869	-86.934197	56140.43	56242.3	7.74	56148.17	56135.23438	56124.56121	56109.78125	504829.1	5408879.0
L4830.0	504829.1	5408880.7	7741.60010	256.69	37.91	48.832884	-86.934197	56143.32	56242.3	7.74	56151.06	56138.00781	56126.26543	56111.42578	504829.1	5408880.7
L4830.0	504829.0	5408881.9	7741.70020	258.19	39.87	48.832895	-86.934197	56146.27	56242.3	7.74	56154.01	56140.84375	56127.95809	56113.05469	504829.0	5408881.9
L4830.0	504829.0	5408883.4	7741.79981	257.21	32.99	48.832908	-86.934197	56148.77	56242.3	7.74	56156.51	56143.23438	56129.64007	56114.67969	504829.0	5408883.4
L4830.0	504829.0	5408884.6	7741.89990	259.60	32.99	48.832920	-86.934197	56151.36	56242.3	7.74	56159.10	56145.71484	56131.30545	56116.28516	504829.0	5408884.6
L4830.0	504829.0	5408884.6	7742.00000	259.96	34.01	48.832920	-86.934197	56154.19	56242.3	7.74	56161.93	56148.44141	56132.95226	56117.87500	504829.0	5408884.6
L4830.0	504829.0	5408886.3	7742.10010	261.34	39.52	48.832935	-86.934197	56156.28	56242.3	7.74	56164.02	56150.42969	56134.58238	56119.45313	504829.0	5408886.3
L4830.0	504829.0	5408888.3	7742.20020	261.13	41.22	48.832953	-86.934198	56159.13	56242.3	7.73	56166.86	56153.17578	56136.18982	56121.00781	504829.0	5408888.3
L4830.0	504829.0	5408888.3	7742.29981	259.62	41.22	48.832953	-86.934198	56161.49	56242.3	7.73	56169.22	56155.44141	56137.77608	56122.54297	504829.0	5408888.3
L4830.0	504829.0	5408889.5	7742.39990	261.29	39.84	48.832963	-86.934198	56164.44	56242.3	7.73	56172.17	56158.30078	56139.33673	56124.05469	504829.0	5408889.5
L4830.0	504829.0	5408891.2	7742.50000	260.71	39.84	48.832978	-86.934198	56165.80	56242.3	7.72	56173.52	56159.56250	56140.87582	56125.54688	504829.0	5408891.2
L4830.0	504829.0	5408892.9	7742.60010	261.44	36.88	48.832994	-86.934198	56167.97	56242.3	7.72	56175.69	56161.65234	56142.38654	56127.01172	504829.0	5408892.9
L4830.0	504829.0	5408894.1	7742.70020	260.97	36.88	48.833005	-86.934198	56170.38	56242.3	7.72	56178.09	56163.97266	56143.86983	56128.45313	504829.0	5408894.1
L4830.0	504829.0	5408895.3	7742.79981	259.12	37.9	48.833016	-86.934198	56172.43	56242.3	7.72	56180.14	56165.94531	56145.32806	56129.87109	504829.0	5408895.3
L4830.0	504829.0	5408895.3	7742.89990	257.52	40.63	48.833016	-86.934198	56174.17	56242.3	7.71	56181.88	56167.61328	56146.76218	56131.26563	504829.0	5408895.3
L4830.0	504829.0	5408896.5	7743.00000	257.52	41.35	48.833027	-86.934198	56175.98	56242.3	7.71	56183.69	56169.35547	56148.17007	56132.63672	504829.0	5408896.5
L4830.0	504829.0	5408899.1	7743.10010	259.22	41.35	48.833050	-86.934198	56178.02	56242.3	7.71	56185.73	56171.33203	56149.54971	56133.98047	504829.0	5408899.1
L4830.0	504829.0	5408899.1	7743.20020	258.60	42.06	48.833050	-86.934198	56179.81	56242.3	7.70	56187.51	56173.05078	56150.90696	56135.30469	504829.0	5408899.1
L4830.0	504828.9	5408900.5	7743.29981	259.61	42.06	48.833063	-86.934199	56181.71	56242.3	7.70	56189.41	56174.89453	56152.23903	56136.60547	504828.9	5408900.5
L4830.0	504828.9	5408902.4	7743.39990	259.09	29.51	48.833080	-86.934199	56183.36	56242.3	7.69	56191.05	56176.48438	56153.55640	56137.89453	504828.9	5408902.4
L4830.0	504828.9	5408902.4	7743.50000	259.68	29.51	48.833080	-86.934199	56184.79	56242.3	7.69	56192.48	56177.86328	56154.86394	56139.17578	504828.9	5408902.4
L4830.0	504828.9	5408903.9	7743.60010	259.69	33.47	48.833093	-86.934199	56186.71	56242.3	7.69	56194.39	56179.73047	56156.14923	56140.43750	504828.9	5408903.9
L4830.0	504828.9	5408905.3	7743.70020	259.62	38.55	48.833106	-86.934199	56188.09	56242.3	7.68	56195.78	56181.07813	56157.44004	56141.70703	504828.9	5408905.3
L4830.0	504828.9	5408907.0	7743.79981	259.03	38.55	48.833121	-86.934199	56190.18	56242.3	7.68	56197.86	56183.12109	56158.70371	56142.94922	504828.9	5408907.0
L4830.0	504828.9	5408907.0	7743.89990	258.13	42.36	48.833121	-86.934199	56191.32	56242.3	7.67	56198.99	56184.21875	56159.98412	56144.21484	504828.9	5408907.0
L4830.0	504828.9	5408909.2	7744.00000	258.51	42.36	48.833140	-86.934199	56192.79	56242.3	7.67	56200.46	56185.66016	56161.23994	56145.45313	504828.9	5408909.2
L4830.0	504828.9	5408910.6	7744.10010	257.73	42.36	48.833153	-86.934199	56194.31	56242.3	7.67	56201.98	56187.15234	56162.47542	56146.67578	504828.9	5408910.6
L4830.0	504828.9	5408912.0	7744.20020	259.23	41.51	48.833166	-86.934200	56196.20	56242.3	7.67	56203.87	56189.01953	56163.67562	56147.86719	504828.9	5408912.0
L4830.0	504828.9	5408913.5	7744.29981	257.76	41.51	48.833179	-86.934200	56197.72	56242.3	7.68	56205.40	56190.53516	56164.86140	56149.04297	504828.9	5408913.5
L4830.0	504828.9	5408913.5	7744.39990	257.15	42.5	48.833179	-86.934200	56199.62	56242.3	7.68	56207.29	56192.41016	56165.99656	56150.17188	504828.9	5408913.5
L4830.0	504828.9	5408915.2	7744.50000	256.17	39.14	48.833194	-86.934200	56200.91	56242.3	7.68	56208.59	56193.69922	56167.12218	56151.29297	504828.9	5408915.2
L4830.0	504828.9	5408915.2	7744.60010	257.92	39.14	48.833194	-86.934200	56202.68	56242.3	7.68	56210.36	56195.46094	56168.19510	56152.36328	504828.9	5408915.2
L4830.0	504828.9	5408916.6	7744.70020	257.81	41.8	48.833208	-86.934200	56204.72	56242.3	7.68	56212.40	56197.50000	56169.22540	56153.39453	504828.9	5408916.6
L4830.0	504828.9	5408918.3	7744.79981	257.86	41.8	48.833223	-86.934200	56206.07	56242.3	7.69	56213.75	56198.85156	56170.27036	56154.44141	504828.9	5408918.3
L4830.0	504828.9	5408920.0	7744.89990	257.90	38.49	48.833238	-86.934200	56207.85	56242.3	7.69	56215.54	56200.64453	56171.27417	56155.44922	504828.9	5408920.0
L4830.0	504828.9	5408920.0	7745.00000	258.88	37.4	48.833238	-86.934200	56209.12	56242.3	7.69	56216.81	56201.92578	56172.30026	56156.48438	504828.9	5408920.0
L4830.0	504828.9	5408921.4	7745.10010	259.19	37.4	48.833251	-86.934200	56211.73	56242.3	7.69	56219.42	56204.54688	56173.31532	56157.50781	504828.9	5408921.4
L4830.0	504828.9	5408922.9	7745.20020	259.04	39.91	48.833264	-86.934200	56213.14	56242.3	7.69	56220.83	56205.97266	56174.45209	56158.65625	504828.9	5408922.9
L4830.0	504828.9	5408922.9	7745.29981	257.71	42.29	48.833264	-86.934200	56215.54	56242.3	7.69	56223.23	56208.39453	56175.50626	56159.72266	504828.9	5408922.9
L4830.0	504828.8	5408924.6	7745.39990	257.57	42.29	48.833280	-86.934200	56216.52	56242.3	7.69	56224.21	56209.39453	56176.63824	56160.87109	504828.8	5408924.6
L4830.0	504828.8	5408926.3	7745.50000	256.45	42.59	48.833294	-86.934200	56218.43	56242.3	7.68	56226.11	56211.32422	56177.69176	56161.94141	504828.8	5408926.3
L4830.0	504828.8	5408927.5	7745.60010	256.12	42.31	48.833305	-86.934200	56220.97	56242.3	7.68	56228.65	56213.89453	56178.68519	56162.95703	504828.8	5408927.5
L4830.0	504828.8	5408927.5	7745.70020	254.94	42.31	48.833305	-86.934200	56223.27	56242.3	7.68	56230.95	56216.22656	56179.67686	56163.96875	504828.8	5408927.5
L4830.0	504828.8	5408930.4	7745.79981	253.72	40.14	48.833332	-86.934200	56224.55	56242.3	7.68	56232.23	56217.54297	56180.71841	56165.03516	504828.8	5408930.4
L4830.0	504828.8	5408930.4	7745.89990	253.96	41.87	48.833332	-86.934200	56226.96	56242.3	7.68	56234.65	56220.00391	56181.66545	56166.00781	504828.8	5408930.4
L4830.0	504828.8	5408932.3	7746.00000	254.67	41.87	48.833349	-86.934200	56228.71	56242.3	7.68	56236.39	56221.78906	56182.63889	56167.01172	504828.8	5408932.3
L4830.0	504828.8	5408933.5	7746.10010	255.83	39.95	48.833359	-86.934200	56231.46	56242.3	7.68	56239.14	56224.58594	56183.52561	56167.92969	504828.8	5408933.5
L4830.0	504828.8	5408935.2	7746.20020	256.72	39.95	48.833375	-86.934200	56234.29	56242.3	7.68	56241.97	56227.46875	56184.38716	56168.82422	504828.8	5408935.2
L4830.0	504828.8	5408935.2	7746.29981	256.79	35.32	48.833375	-86.934200	56235.70	56242.3	7.68	56243.38	56228.92969	56185.32302	56169.79688	504828.8	5408935.2
L4830.0	504828.8	5408936.6	7746.39990	257.42	35.32	48.833388	-86.934200	56238.70	56242.3	7.68	56246.38	56231.98828	56186.13202	56170.64063	504828.8	5408936.6
L4830.0	504828.8	5408938.4	7746.50000	258.44	42.54	48.833403	-86.934201	56240.27	56242.3	7.67	56247.94	56233.60938	56187.01563	56171.56250	504828.8	5408938.4
L4830.0	504828.7	5408939.8	7746.60010	259.09	41.85	48.833416	-86.934201	56242.95	56242.3	7.67	56250.62	56236.35156	56187.80263	56172.39063	504828.7	5408939.8
L4830.0	504828.7	5408939.8	7746.70020	259.63	41.85	48.833416	-86.934201	56244.89	56242.3	7.67	56252.56	56238.35938	56188.61645	56173.25000	504828.7	5408939.8
L4830.0	504828.7	5408941.5	7746.79981	258.81	41.41	48.833431	-86.934201	56247.18	56242.3	7.67	56254.85	56240.71875	56189.38384	56174.06250	504828.7	5408941.5
L4830.0	504828.7	5408943.0	7746.89990	258.67	41.41	48.833445	-86.934201	56250.00	56242.3	7.67	56257.67	56243.60938	56190.09224	56174.81641	504828.7	5408943.0
L4830.0	504828.7	5408944.5	7747.00000	257.86	40.87	48.833458	-86.934201	56252.62	56242.3	7.67	56260.29	56246.30469	56190.78971	56175.56250	504828.7	5408944.5
L4830.0	504828.7	5408946.1	7747.10010	256.51	40.87	48.833473	-86.934201	56255.08	56242.3	7.67	56262.75	56248.83984	56191.47302	56176.29688	504828.7	5408946.1
L4830.0	504828.7	5408946.1	7747.20020	257.27	36.11	48.833473	-86.934201	56257.64	56242.3	7.66	56265.31	56251.48047	56192.12424	56177.00000	504828.7	5408946.1
L4830.0	504828.7	5408948.0	7747.29981	257.00	36.11	48.833490	-86.934201	56260.05	56242.3	7.66	56267.71	56253.96484	56192.76014	56177.69141	504828.7	5408948.0
L4830.0	504828.7	5408949.7	7747.39990	255.41	36.66	48.833505	-86.934201	56262.75	56242.3	7.66	56270.41	56256.75000	56193.34949	56178.33594	504828.7	5408949.7

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4830.0	504828.7	5408949.7	7747.50000	256.16	36.66	48.833505	-86.934201	56265.22	56242.3	7.65	56272.87	56259.29688	56193.92776	56178.97266	504828.7	5408949.7
L4830.0	504828.7	5408951.3	7747.60010	257.80	35.08	48.833520	-86.934201	56267.32	56242.3	7.65	56274.98	56261.50000	56194.50175	56179.60547	504828.7	5408951.3
L4830.0	504828.7	5408952.8	7747.70020	257.52	35.08	48.833533	-86.934201	56269.41	56242.4	7.65	56277.06	56263.67188	56195.04965	56180.21484	504828.7	5408952.8
L4830.0	504828.7	5408952.8	7747.79981	256.78	35.53	48.833533	-86.934201	56270.99	56242.4	7.65	56278.64	56265.34766	56195.60232	56180.83203	504828.7	5408952.8
L4830.0	504828.7	5408954.2	7747.89990	256.00	37.37	48.833546	-86.934201	56273.45	56242.4	7.64	56281.09	56267.89453	56196.06800	56181.35938	504828.7	5408954.2
L4830.0	504828.7	5408955.6	7748.00000	256.91	37.37	48.833559	-86.934201	56274.72	56242.4	7.64	56282.36	56269.26172	56196.58297	56181.94141	504828.7	5408955.6
L4830.0	504828.7	5408957.1	7748.10010	255.84	38.28	48.833572	-86.934201	56277.63	56242.4	7.64	56285.27	56272.27344	56196.95888	56182.38672	504828.7	5408957.1
L4830.0	504828.7	5408958.5	7748.20020	255.92	38.28	48.833584	-86.934201	56278.59	56242.4	7.65	56286.24	56273.34766	56197.43409	56182.92969	504828.7	5408958.5
L4830.0	504828.7	5408958.5	7748.29981	256.30	38.5	48.833584	-86.934201	56280.31	56242.4	7.65	56287.96	56275.17188	56197.82902	56183.39453	504828.7	5408958.5
L4830.0	504828.7	5408959.9	7748.39990	256.11	40.07	48.833597	-86.934201	56281.38	56242.3	7.65	56289.04	56276.35938	56198.23613	56183.87109	504828.7	5408959.9
L4830.0	504828.7	5408961.1	7748.50000	257.01	40.07	48.833608	-86.934201	56282.02	56242.3	7.65	56289.67	56277.10156	56198.64260	56184.35156	504828.7	5408961.1
L4830.0	504828.7	5408962.3	7748.60010	256.84	38.56	48.833619	-86.934202	56283.50	56242.3	7.66	56291.15	56278.69141	56198.96168	56184.74609	504828.7	5408962.3
L4830.0	504828.6	5408963.8	7748.70020	256.14	38.56	48.833632	-86.934202	56283.12	56242.3	7.66	56290.78	56278.43359	56199.37332	56185.23047	504828.6	5408963.8
L4830.0	504828.6	5408965.0	7748.79981	257.24	37.43	48.833643	-86.934202	56283.45	56242.3	7.66	56291.11	56278.87500	56199.70755	56185.64063	504828.6	5408965.0
L4830.0	504828.6	5408966.4	7748.89990	258.07	34.45	48.833655	-86.934202	56284.26	56242.3	7.67	56291.93	56279.81250	56200.03461	56186.04688	504828.6	5408966.4
L4830.0	504828.6	5408966.4	7749.00000	259.96	34.45	48.833655	-86.934202	56284.17	56242.3	7.67	56291.84	56279.83984	56200.54228	56186.63281	504828.6	5408966.4
L4830.0	504828.6	5408968.1	7749.10010	259.13	35.35	48.833670	-86.934203	56283.50	56242.3	7.67	56291.16	56279.27734	56201.04795	56187.21875	504828.6	5408968.1
L4830.0	504828.5	5408969.5	7749.20020	260.36	35.35	48.833683	-86.934203	56282.78	56242.3	7.66	56290.44	56278.67578	56201.50839	56187.75781	504828.5	5408969.5
L4830.0	504828.5	5408969.5	7749.29981	258.58	34.27	48.833683	-86.934203	56282.22	56242.3	7.66	56289.88	56278.23438	56201.90836	56188.24219	504828.5	5408969.5
L4830.0	504828.5	5408973.1	7749.39990	260.04	34.27	48.833716	-86.934204	56281.25	56242.3	7.65	56288.90	56277.37891	56202.27823	56188.69141	504828.5	5408973.1
L4830.0	504828.5	5408973.1	7749.50000	258.75	33.54	48.833716	-86.934204	56279.60	56242.4	7.65	56287.25	56275.85156	56202.62666	56189.12500	504828.5	5408973.1
L4830.0	504828.4	5408974.6	7749.60010	258.15	34.08	48.833729	-86.934205	56278.65	56242.4	7.65	56286.29	56275.01172	56202.87698	56189.45703	504828.4	5408974.6
L4830.0	504828.4	5408975.7	7749.70020	258.64	34.08	48.833740	-86.934205	56277.59	56242.4	7.64	56285.23	56274.07813	56203.07039	56189.73438	504828.4	5408975.7
L4830.0	504828.4	5408977.2	7749.79981	259.41	31.55	48.833753	-86.934205	56276.07	56242.4	7.64	56283.70	56272.67188	56203.22689	56189.97656	504828.4	5408977.2
L4830.0	504828.4	5408978.4	7749.89990	258.96	29.91	48.833763	-86.934205	56274.04	56242.4	7.63	56281.67	56270.76563	56203.34977	56190.18750	504828.4	5408978.4
L4830.0	504828.4	5408978.4	7750.00000	258.14	29.91	48.833763	-86.934205	56272.81	56242.4	7.63	56280.43	56269.65234	56203.37355	56190.29688	504828.4	5408978.4
L4830.0	504828.3	5408980.1	7750.10010	257.61	34.5	48.833778	-86.934206	56271.15	56242.4	7.63	56278.78	56268.12891	56203.36365	56190.37500	504828.3	5408980.1
L4830.0	504828.3	5408981.9	7750.20020	257.56	34.5	48.833795	-86.934206	56269.13	56242.4	7.63	56276.76	56266.23828	56203.32260	56190.41797	504828.3	5408981.9
L4830.0	504828.3	5408983.1	7750.29981	257.26	35.03	48.833806	-86.934207	56267.25	56242.4	7.64	56274.88	56264.48438	56203.23250	56190.41797	504828.3	5408983.1
L4830.0	504828.3	5408984.5	7750.39990	258.09	35.03	48.833818	-86.934207	56265.33	56242.4	7.64	56272.97	56262.70313	56203.11051	56190.38281	504828.3	5408984.5
L4830.0	504828.3	5408984.5	7750.50000	257.81	30.55	48.833818	-86.934207	56264.07	56242.4	7.64	56271.71	56261.57031	56202.92077	56190.28125	504828.3	5408984.5
L4830.0	504828.3	5408986.2	7750.60010	257.72	30.55	48.833833	-86.934207	56262.52	56242.4	7.64	56270.17	56260.16016	56202.72505	56190.17578	504828.3	5408986.2
L4830.0	504828.3	5408987.6	7750.70020	257.75	32.21	48.833846	-86.934207	56260.40	56242.4	7.64	56268.05	56258.16797	56202.60781	56190.14453	504828.3	5408987.6
L4830.0	504828.3	5408987.6	7750.79981	257.68	37.62	48.833846	-86.934207	56258.80	56242.4	7.65	56266.44	56256.68750	56202.54292	56190.16797	504828.3	5408987.6
L4830.0	504828.2	5408989.3	7750.89990	258.37	37.62	48.833861	-86.934207	56256.86	56242.4	7.65	56264.51	56254.88281	56202.48024	56190.19531	504828.2	5408989.3
L4830.0	504828.2	5408991.0	7751.00000	258.99	36.84	48.833877	-86.934207	56255.55	56242.3	7.65	56263.20	56253.70313	56202.35792	56190.16016	504828.2	5408991.0
L4830.0	504828.2	5408992.4	7751.10010	256.64	36.84	48.833889	-86.934207	56253.32	56242.4	7.65	56260.96	56251.58984	56202.28015	56190.17188	504828.2	5408992.4
L4830.0	504828.2	5408992.4	7751.20020	256.88	21.8	48.833889	-86.934207	56251.42	56242.4	7.64	56259.06	56249.81641	56202.16309	56190.14453	504828.2	5408992.4
L4830.0	504828.2	5408994.3	7751.29981	256.01	21.8	48.833907	-86.934207	56249.68	56242.4	7.64	56257.32	56248.20703	56202.01956	56190.08984	504828.2	5408994.3
L4830.0	504828.2	5408996.0	7751.39990	254.31	33.95	48.833922	-86.934207	56247.77	56242.4	7.64	56255.41	56246.42188	56201.87239	56190.03125	504828.2	5408996.0
L4830.0	504828.2	5408996.0	7751.50000	254.98	35.71	48.833922	-86.934207	56247.05	56242.4	7.64	56254.69	56245.82813	56201.63170	56189.87891	504828.2	5408996.0
L4830.0	504828.3	5408998.1	7751.60010	256.36	35.71	48.833941	-86.934207	56244.31	56242.4	7.63	56251.94	56243.20313	56201.51297	56189.84766	504828.3	5408998.1
L4830.0	504828.2	5408999.6	7751.70020	256.89	35.8	48.833954	-86.934207	56243.10	56242.4	7.63	56250.73	56242.12109	56201.27897	56189.69922	504828.2	5408999.6
L4830.0	504828.2	5408999.6	7751.79981	255.18	35.8	48.833954	-86.934207	56242.07	56242.4	7.63	56249.70	56241.21484	56201.02112	56189.52734	504828.2	5408999.6
L4830.0	504828.2	5409001.2	7751.89990	254.43	35.2	48.833969	-86.934207	56240.27	56242.4	7.62	56247.89	56239.52734	56200.80418	56189.39844	504828.2	5409001.2
L4830.0	504828.2	5409002.7	7752.00000	257.08	35.2	48.833982	-86.934207	56238.62	56242.4	7.62	56246.24	56238.00000	56200.56620	56189.24609	504828.2	5409002.7
L4830.0	504828.2	5409002.7	7752.10010	257.01	27.17	48.833982	-86.934207	56237.13	56242.4	7.62	56244.75	56236.63281	56200.30787	56189.07422	504828.2	5409002.7
L4830.0	504828.2	5409004.4	7752.20020	256.64	30.2	48.833997	-86.934207	56236.44	56242.4	7.62	56244.06	56236.06250	56199.98722	56188.83594	504828.2	5409004.4
L4830.0	504828.2	5409005.6	7752.29981	255.63	30.2	48.834008	-86.934207	56233.68	56242.4	7.62	56241.30	56233.42578	56199.79623	56188.73047	504828.2	5409005.6
L4830.0	504828.2	5409007.2	7752.39990	257.88	34.52	48.834023	-86.934207	56232.92	56242.4	7.62	56240.54	56232.78516	56199.53445	56188.55078	504828.2	5409007.2
L4830.0	504828.2	5409008.8	7752.50000	257.82	34.52	48.834037	-86.934207	56231.41	56242.4	7.62	56239.03	56231.39063	56199.35192	56188.45313	504828.2	5409008.8
L4830.0	504828.2	5409010.2	7752.60010	259.38	35.46	48.834049	-86.934207	56230.00	56242.4	7.62	56237.62	56230.09766	56199.15221	56188.33594	504828.2	5409010.2
L4830.0	504828.2	5409010.2	7752.70020	259.87	35.46	48.834049	-86.934207	56229.16	56242.4	7.62	56236.78	56229.37500	56198.90837	56188.17188	504828.2	5409010.2
L4830.0	504828.2	5409011.7	7752.79981	259.13	36.44	48.834063	-86.934207	56228.02	56242.4	7.62	56235.64	56228.34766	56198.67010	56188.01172	504828.2	5409011.7
L4830.0	504828.2	5409013.3	7752.89990	259.21	35.44	48.834077	-86.934207	56226.43	56242.4	7.62	56234.05	56226.87109	56198.44094	56187.86328	504828.2	5409013.3
L4830.0	504828.2	5409013.3	7753.00000	259.15	35.44	48.834077	-86.934207	56225.49	56242.4	7.62	56233.11	56226.04297	56198.16342	56187.66406	504828.2	5409013.3
L4830.0	504828.2	5409014.5	7753.10010	258.95	36.59	48.834088	-86.934208	56224.22	56242.4	7.62	56231.84	56224.88281	56197.88591	56187.46484	504828.2	5409014.5
L4830.0	504828.2	5409016.0	7753.20020	258.63	36.59	48.834102	-86.934208	56222.79	56242.4	7.62	56230.41	56223.56250	56197.59849	56187.25391	504828.2	5409016.0
L4830.0	504828.2	5409017.2	7753.29981	258.63	37.4	48.834112	-86.934208	56222.12	56242.4	7.62	56229.74	56223.00000	56197.26378	56186.99219	504828.2	5409017.2
L4830.0	504828.2	5409018.4	7753.39990	260.10	38.06	48.834124	-86.934208	56220.34	56242.4	7.62	56227.96	56221.32422	56196.96173	56186.76563	504828.2	5409018.4
L4830.0	504828.2	5409019.9	7753.50000	258.63	38.06	48.834137	-86.934208	56219.68	56242.4	7.62	56227.30	56220.76953	56196.60140	56186.47656	504828.2	5409019.9
L4830.0	504828.2	5409021.3	7753.60010	258.40	35.4	48.834149	-86.934208	56219.22	56242.4	7.62	56226.84	56220.41406	56196.22212	56186.16797	504828.2	5409021.3
L4830.0	504828.1	5409022.5	7753.70020	258.34	36.45	48.834160	-86.934208	56217.91	56242.4	7.62	56225.53	56219.20313	56195.86401	56185.87891	504828.1	5409022.5
L4830.0	504828.1	5409023.9	7753.79981	257.64	36.45	48.834173	-86.934208	56216.38	56242.4	7.62	56224.00	56217.77344	56195.50304	56185.58984	504828.1	5409023.9
L4830.0	504828.1	5409023.9	7753.89990	258.89	36.96	48.834173	-86.934208	56215.93	56242.4	7.62	56223.55	56217.41797	56195.09196	56185.24609	504828.1	5409023.9
L4830.0	504828.1	5409025.6	7754.00000	258.61	36.96	48.834188	-86.934208	56215.64	56242.4	7.62	56223.26	56217.22656	56194.66517	56184.88672	504828.1	5409025.6
L4830.0	504828.1	5409027.1	7754.10010	259.08	36.97	48.834201	-86.934208	56213.83	56242.4	7.62	56221.45	56215.50781	56194.28724	56184.57031	504828.1	5409027.1
L4830.0	504828.1	5409028.7	7754.20020	258.98	34.4	48.834216	-86.934208	56213.36	56242.4	7.62	56220.98	56215.12891	56193.85069	56184.19922	504828.1	5409028.7
L4830.0	504828.1	5409028.7	7754.29981	259.01	34.4	48.834216	-86.934208	56212.76	56242.4	7.62	56220.38	56214.62109	56193.41082	56183.82031	504828.1	5409028.7
L4830.0	504828.2	5409030.4	7754.39990	259.22	35.29	48.834231	-86.934208	56211.68	56242.4	7.62	56219.30	56213.62891	56192.98577	56183.45703	504828.2	5409030.4
L4830.0	504828.2	5409031.8	7754.50000	258.09	35.29	48.834244	-86.934208	56211.40	56242.4	7.62	56219.02	56213.43359	56192.52427	56183.05469	504828.2	5409031.8
L4830.0	504828.2	5409033.2	7754.60010	257.92	33.01	48.834256	-86.934208	56210.39	56242.4	7.62	56218.01	56212.50781	56192.09356	56182.67969	504828.2	5409033.2
L4830.0	504828.2	5409034.4	7754.70020	258.49	27.71	48.834267	-86.934207	56209.46	56242.4	7.62	56217.08	56211.66016	56191.66128	56182.30469	504828.2	5409034.4
L4830.0	504828.2	5409034.4	7754.79981	259.53	27.71	48.834267	-86.934207	56209.46	56242.4	7.62	56217.08	56211.73828	56191.18903	56181.88672	504828.2	5409034.4
L4830.0	504828.2	5409035.9	7754.89990	259.23	32.6	48.834280	-86.934207	56208.21	56242.4	7.62	56215.83	56210.56641	56190.78645	56181.53906	504828.2	5409035.9
L4830.0	504828.2	5409037.0	7755.00000	258.81	30.51	48.834291	-86.934207	56207.44	56242.4	7.62	56215.06	56209.87109	56190.37149	56181.17188	504828.2	5409037.0
L4830.0	504828.2	5409038.2	7755.10010	261.14	29.53	48.834301	-86.934207	56207.18	56242.4	7.62	56214.79	56209.67188	56189.93799	56180.78906	504828.2	5409038.2
L4830.0	504828.2	5409040.2	7755.20020	259.44	29.53	48.834319	-86.934207	56206.02	56242.4	7.62	56213.64	56208.59375	56189.55472	56180.45313	504828.2	5409040.2
L4830.0	504828.2	5409041.6	7755.29981	258.29	32.67	48.834332	-86.934207	56206.04	56242.4	7.61	56213.66	56208.68359	56189.11275	56180.05859	504828.2	5409041.6
L4830.0	504828.2	5409041.6	7755.39990	258.62	32.67	48.834332	-86.934207	56205.13	56242.4	7.61	56212.74	56207.82813	56188.72250	56179.71484	504828.2	5409041.6
L4830.0	504828.2	5409043.1	7755.50000	257.35	38.43	48.834345	-86.934207	56205.41	56242.4	7.61	56213.02	56208.17188	56188.26824	56179.30078	504828.2	5409043.1
L4830.0	504828.2	5409044.7	7755.60010	255.37	38.43	48.834360	-86.934207	56203.97	56242.4	7.61	56211.58	56206.79297	56187.90687	56178.98047	504828.2	5409044.7
L4830.0	504828.2	5409046.1	7755.70020	257.54	35.02	48.834372	-86.934207	56203.72	56242.4	7.61	56211.32	56206.59375	56187.48083	56178.59375	504828.2	5409046.1
L4830.0	504828.2	5409047.6	7755.79981	256.25	35.02	48.834386	-86.934207	56203.38	56242.4	7.60	56210.98	56206.31250	56187.05853	56178.21094	504828.2	5409047.6
L4830.0	504828.2	5409047.6	7755.89990	257.49	34.93	48.834386	-86.934207	56202.36	56242.4	7.60	56209.96	56205.34375	56186.67427	56177.86328	504828.2	5409047.6
L4830.0	504828.2	5409049.7	7756.00000	257.17	34.93	48.834405	-86.934207	56202.70	56242.4	7.60	56210.30	56205.73828	56186.21324	56177.43750	504828.2	5409049.7
L4830.0	504828.2	5409051.2	7756.10010	257.60	38.04	48.834418	-86.934207	56201.76	56242.4	7.60	56209.36	56204.84766	56185.82647	56177.08203	504828.2	5409051.2
L4830.0	504828.2	5409052.6	7756.20020	259.58	37.74	48.834431	-86.934207	56201.61	56242.4	7.60	56209.21	56204.74609	56185.39647	56176.68359	504828.2	5409052.6
L4830.0	504828.2	5409052.6	7756.29981	258.98	37.74	48.834431	-86.934207	56200.94	56242.4	7.60	56208.54	56204.12109	56184.99963	56176.31641	504828.2	5409052.6
L4830.0	504828.2	5409053.8	7756.39990	259.45	32.34	48.834441	-86.934207	56200.78	56242.4	7.60	56208.39	56204.01172	56184.57506	56175.91797	504828.2	5409053.8
L4830.0	504828.2	5409055.2	7756.50000	259.97	32.34	48.834454	-86.934207	56200.35	56242.4	7.60	56207.96	56203.62109	56184.17039	56175.53906	504828.2	5409055.2
L4830.0	504828.2	5409056.7	7756.60010	262.33	31.33	48.834468	-86.934207	56200.22	56242.4	7.61	56207.83	56203.53125	56183.75122	56175.14453	504828.2	5409056.7
L4830.0	504828.2	5409056.7	7756.70020	261.21	31.33	48.834468	-86.934207	56199.11	56242.4	7.61	56206.72	56202.45703	56183.39446	56174.80859	504828.2	5409056.7

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4830.0	504828.2	5409058.6	7756.79981	260.25	33.6	48.834485	-86.934206	56199.25	56242.4	7.61	56206.85	56202.61719	56182.96570	56174.39844	504828.2	5409058.6
L4830.0	504828.2	5409060.0	7756.89990	259.23	33.6	48.834497	-86.934206	56198.34	56242.4	7.61	56205.95	56201.75000	56182.60053	56174.05469	504828.2	5409060.0
L4830.0	504828.2	5409061.4	7757.00000	256.35	29.34	48.834510	-86.934206	56198.41	56242.4	7.61	56206.02	56201.84766	56182.17716	56173.64844	504828.2	5409061.4
L4830.0	504828.2	5409061.4	7757.10010	256.05	30.55	48.834510	-86.934206	56197.70	56242.4	7.61	56205.31	56201.16406	56181.79962	56173.28516	504828.2	5409061.4
L4830.0	504828.2	5409062.7	7757.20020	256.73	30.55	48.834522	-86.934206	56197.31	56242.4	7.61	56204.91	56200.78516	56181.40195	56172.89844	504828.2	5409062.7
L4830.0	504828.2	5409064.3	7757.29981	257.86	33.04	48.834536	-86.934207	56197.19	56242.4	7.61	56204.80	56200.69531	56180.98306	56172.49219	504828.2	5409064.3
L4830.0	504828.2	5409065.8	7757.39990	256.28	33.04	48.834549	-86.934207	56196.21	56242.4	7.61	56203.82	56199.73438	56180.61351	56172.13281	504828.2	5409065.8
L4830.0	504828.2	5409065.8	7757.50000	256.74	33.48	48.834549	-86.934207	56195.64	56242.4	7.61	56203.25	56199.17969	56180.21655	56171.74609	504828.2	5409065.8
L4830.0	504828.2	5409067.5	7757.60010	257.31	28.18	48.834565	-86.934207	56195.96	56242.4	7.60	56203.56	56199.50391	56179.76260	56171.29688	504828.2	5409067.5
L4830.0	504828.2	5409068.9	7757.70020	258.02	28.18	48.834578	-86.934207	56194.79	56242.4	7.60	56202.39	56198.34375	56179.39932	56170.93750	504828.2	5409068.9
L4830.0	504828.2	5409070.4	7757.79981	260.58	28.98	48.834591	-86.934207	56194.28	56242.4	7.60	56201.88	56197.84375	56178.99747	56170.53906	504828.2	5409070.4
L4830.0	504828.2	5409071.4	7757.89990	259.59	28.98	48.834600	-86.934207	56193.97	56242.4	7.60	56201.57	56197.53906	56178.58799	56170.13281	504828.2	5409071.4
L4830.0	504828.2	5409073.0	7758.00000	260.11	28.98	48.834614	-86.934206	56193.14	56242.4	7.60	56200.74	56196.71094	56178.21958	56169.76172	504828.2	5409073.0
L4830.0	504828.2	5409074.4	7758.10010	257.69	34.78	48.834627	-86.934206	56193.54	56242.4	7.60	56201.14	56197.11328	56177.77792	56169.32031	504828.2	5409074.4
L4830.0	504828.2	5409074.4	7758.20020	258.34	34.13	48.834627	-86.934206	56192.26	56242.4	7.59	56199.85	56195.82422	56177.44577	56168.98438	504828.2	5409074.4
L4830.0	504828.2	5409075.9	7758.29981	258.06	34.13	48.834640	-86.934206	56192.21	56242.4	7.59	56199.80	56195.76953	56177.03633	56168.57031	504828.2	5409075.9
L4830.0	504828.2	5409077.6	7758.39990	258.07	31.17	48.834656	-86.934206	56191.17	56242.4	7.59	56198.76	56194.72266	56176.68889	56168.21484	504828.2	5409077.6
L4830.0	504828.2	5409077.6	7758.50000	259.09	31.17	48.834656	-86.934206	56191.09	56242.4	7.58	56198.67	56194.62500	56176.28062	56167.79688	504828.2	5409077.6
L4830.0	504828.2	5409079.1	7758.60010	258.02	26.01	48.834669	-86.934206	56190.59	56242.4	7.58	56198.18	56194.12500	56175.89471	56167.40234	504828.2	5409079.1
L4830.0	504828.2	5409080.7	7758.70020	256.21	28.74	48.834684	-86.934206	56189.85	56242.4	7.58	56197.43	56193.36328	56175.52182	56167.01953	504828.2	5409080.7
L4830.0	504828.2	5409082.1	7758.79981	255.54	29.54	48.834697	-86.934207	56189.12	56242.4	7.58	56196.70	56192.61719	56175.14471	56166.62891	504828.2	5409082.1
L4830.0	504828.2	5409083.8	7758.89990	256.51	29.54	48.834712	-86.934207	56188.54	56242.4	7.57	56196.11	56192.00781	56174.75618	56166.22656	504828.2	5409083.8
L4830.0	504828.2	5409083.8	7759.00000	257.30	32.7	48.834712	-86.934207	56188.18	56242.4	7.57	56195.75	56191.62891	56174.35170	56165.80469	504828.2	5409083.8
L4830.0	504828.2	5409085.5	7759.10010	257.24	32.7	48.834727	-86.934207	56187.88	56242.4	7.57	56195.45	56191.30859	56173.94300	56165.38281	504828.2	5409085.5
L4830.0	504828.2	5409087.2	7759.20020	258.30	28.71	48.834742	-86.934207	56186.85	56242.4	7.57	56194.42	56190.25391	56173.58107	56165.00000	504828.2	5409087.2
L4830.0	504828.2	5409087.2	7759.29981	257.51	28.77	48.834742	-86.934207	56186.59	56242.4	7.58	56194.17	56189.98047	56173.17219	56164.57031	504828.2	5409087.2
L4830.0	504828.2	5409088.7	7759.39990	257.20	28.77	48.834755	-86.934207	56185.78	56242.4	7.58	56193.36	56189.14063	56172.80095	56164.17969	504828.2	5409088.7
L4830.0	504828.2	5409090.6	7759.50000	258.79	33.04	48.834773	-86.934207	56185.53	56242.4	7.58	56193.11	56188.85938	56172.39740	56163.75391	504828.2	5409090.6
L4830.0	504828.2	5409091.8	7759.60010	258.46	33.04	48.834783	-86.934207	56185.12	56242.4	7.58	56192.70	56188.41797	56172.00700	56163.33984	504828.2	5409091.8
L4830.0	504828.2	5409091.8	7759.70020	257.01	32.08	48.834783	-86.934207	56184.45	56242.4	7.58	56192.03	56187.71484	56171.63573	56162.94531	504828.2	5409091.8
L4830.0	504828.2	5409093.3	7759.79981	255.40	32.08	48.834797	-86.934207	56184.13	56242.4	7.59	56191.71	56187.35938	56171.24541	56162.52734	504828.2	5409093.3
L4830.0	504828.1	5409095.6	7759.89990	255.14	29.35	48.834818	-86.934207	56184.17	56242.4	7.59	56191.76	56187.37109	56170.83471	56162.08984	504828.1	5409095.6
L4830.0	504828.1	5409095.6	7760.00000	255.89	32.16	48.834818	-86.934207	56182.77	56242.4	7.59	56190.36	56185.92969	56170.51079	56161.73828	504828.1	5409095.6
L4830.0	504828.1	5409097.6	7760.10010	257.93	32.16	48.834835	-86.934207	56182.49	56242.4	7.59	56190.07	56185.59766	56170.12068	56161.32031	504828.1	5409097.6
L4830.0	504828.1	5409097.6	7760.20020	257.93	34.45	48.834835	-86.934207	56181.93	56242.4	7.58	56189.52	56185.00391	56169.74501	56160.91406	504828.1	5409097.6
L4830.0	504828.1	5409099.1	7760.20020	258.41	34.45	48.834849	-86.934207	56181.74	56242.4	7.58	56189.32	56184.76172	56169.34808	56160.48438	504828.1	5409099.1
L4830.0	504828.1	5409100.5	7760.39990	257.82	33.34	48.834861	-86.934207	56181.66	56242.4	7.58	56189.23	56184.62500	56168.94336	56160.04688	504828.1	5409100.5
L4830.0	504828.1	5409101.9	7760.50000	257.39	32.78	48.834874	-86.934207	56180.75	56242.4	7.57	56188.32	56183.66406	56168.58101	56159.65234	504828.1	5409101.9
L4830.0	504828.1	5409103.9	7760.60010	257.71	32.78	48.834892	-86.934207	56180.06	56242.4	7.57	56187.64	56182.93359	56168.20253	56159.23828	504828.1	5409103.9
L4830.0	504828.1	5409103.9	7760.70020	259.33	36	48.834892	-86.934207	56179.98	56242.4	7.57	56187.55	56182.79297	56167.78906	56158.79297	504828.1	5409103.9
L4830.0	504828.1	5409105.5	7760.79981	259.58	36	48.834907	-86.934207	56179.48	56242.4	7.57	56187.04	56182.23047	56167.39577	56158.36328	504828.1	5409105.5
L4830.0	504828.2	5409107.2	7760.89990	258.74	37.05	48.834922	-86.934207	56179.40	56242.4	7.56	56186.96	56182.09375	56166.97860	56157.90625	504828.2	5409107.2
L4830.0	504828.2	5409108.8	7761.00000	260.29	37.05	48.834937	-86.934207	56179.74	56242.4	7.56	56187.30	56182.37500	56166.53940	56157.42969	504828.2	5409108.8
L4830.0	504828.2	5409108.8	7761.10010	258.12	36.03	48.834937	-86.934207	56179.48	56242.4	7.56	56187.04	56182.05859	56166.13215	56156.98438	504828.2	5409108.8
L4830.0	504828.2	5409110.0	7761.20020	259.35	36.03	48.834947	-86.934206	56178.48	56242.4	7.56	56186.04	56181.00000	56165.76347	56156.57813	504828.2	5409110.0
L4830.0	504828.2	5409111.4	7761.29981	259.10	39.23	48.834960	-86.934206	56178.30	56242.4	7.56	56185.86	56180.75781	56165.35411	56156.12891	504828.2	5409111.4
L4830.0	504828.2	5409111.4	7761.39990	256.73	39.26	48.834960	-86.934206	56178.31	56242.4	7.56	56185.87	56180.70703	56164.93643	56155.67188	504828.2	5409111.4
L4830.0	504828.2	5409113.4	7761.50000	257.78	39.26	48.834978	-86.934206	56177.56	56242.4	7.56	56185.12	56179.89453	56164.55678	56155.25000	504828.2	5409113.4
L4830.0	504828.2	5409114.5	7761.60010	255.60	35.68	48.834988	-86.934206	56177.48	56242.4	7.56	56185.04	56179.75000	56164.14544	56154.79688	504828.2	5409114.5
L4830.0	504828.2	5409116.2	7761.70020	255.11	35.68	48.835003	-86.934206	56177.00	56242.4	7.56	56184.56	56179.20313	56163.75324	56154.36328	504828.2	5409116.2
L4830.0	504828.2	5409116.2	7761.79981	256.71	35.63	48.835003	-86.934206	56176.43	56242.4	7.56	56183.99	56178.56641	56163.36465	56153.93359	504828.2	5409116.2
L4830.0	504828.3	5409117.9	7761.89990	256.67	35.63	48.835018	-86.934205	56176.02	56242.4	7.56	56183.58	56178.08984	56162.96805	56153.49219	504828.3	5409117.9
L4830.0	504828.3	5409119.3	7762.00000	256.01	39.45	48.835031	-86.934205	56175.77	56242.4	7.56	56183.33	56177.76953	56162.56426	56153.04688	504828.3	5409119.3
L4830.0	504828.3	5409120.7	7762.10010	258.31	39.45	48.835043	-86.934205	56175.15	56242.4	7.56	56182.71	56177.08203	56162.17556	56152.61328	504828.3	5409120.7
L4830.0	504828.3	5409121.9	7762.20020	258.55	40.23	48.835054	-86.934205	56175.39	56242.4	7.56	56182.95	56177.25000	56161.75238	56152.14844	504828.3	5409121.9
L4830.0	504828.3	5409121.9	7762.29981	258.53	35.53	48.835054	-86.934205	56175.50	56242.4	7.56	56183.06	56177.28906	56161.33587	56151.68750	504828.3	5409121.9
L4830.0	504828.3	5409123.3	7762.39990	259.70	35.53	48.835067	-86.934205	56174.55	56242.4	7.56	56182.11	56176.26953	56160.95847	56151.26563	504828.3	5409123.3
L4830.0	504828.3	5409124.6	7762.50000	259.00	35.87	48.835078	-86.934205	56173.88	56242.4	7.56	56181.44	56175.52734	56160.56871	56150.82813	504828.3	5409124.6
L4830.0	504828.3	5409126.1	7762.60010	258.94	35.87	48.835092	-86.934205	56173.79	56242.4	7.56	56181.35	56175.36328	56160.15792	56150.37500	504828.3	5409126.1
L4830.0	504828.3	5409127.7	7762.70020	258.47	19.22	48.835107	-86.934205	56172.75	56242.4	7.56	56180.31	56174.25000	56159.77515	56149.94531	504828.3	5409127.7
L4830.0	504828.3	5409129.1	7762.79981	260.21	19.22	48.835119	-86.934205	56172.68	56242.4	7.56	56180.24	56174.10547	56159.35983	56149.48438	504828.3	5409129.1
L4830.0	504828.3	5409129.1	7762.89990	259.79	22.46	48.835119	-86.934205	56172.25	56242.4	7.56	56179.81	56173.60156	56158.95179	56149.03125	504828.3	5409129.1
L4830.0	504828.2	5409130.6	7763.00000	260.60	31.12	48.835132	-86.934205	56172.14	56242.4	7.56	56179.70	56173.41406	56158.53120	56148.56641	504828.2	5409130.6
L4830.0	504828.2	5409132.1	7763.10010	259.78	36.65	48.835146	-86.934205	56171.84	56242.4	7.56	56179.40	56173.03906	56158.11100	56148.09766	504828.2	5409132.1
L4830.0	504828.2	5409133.7	7763.20020	259.57	36.65	48.835161	-86.934205	56170.73	56242.4	7.55	56178.28	56171.84375	56157.70375	56147.64844	504828.2	5409133.7
L4830.0	504828.2	5409133.7	7763.29981	259.89	35.65	48.835161	-86.934205	56170.38	56242.4	7.55	56177.93	56171.41797	56157.27260	56147.16797	504828.2	5409133.7
L4830.0	504828.2	5409136.6	7763.39990	258.85	35.65	48.835186	-86.934205	56170.47	56242.5	7.55	56178.02	56171.43359	56156.82635	56146.67969	504828.2	5409136.6
L4830.0	504828.2	5409136.6	7763.50000	259.47	35.65	48.835186	-86.934205	56170.00	56242.5	7.54	56177.55	56170.88672	56156.38455	56146.19141	504828.2	5409136.6
L4830.0	504828.2	5409137.8	7763.60010	258.79	30.02	48.835197	-86.934205	56169.64	56242.5	7.54	56177.18	56170.44141	56155.93366	56145.69531	504828.2	5409137.8
L4830.0	504828.2	5409139.8	7763.70020	259.00	30.66	48.835215	-86.934205	56168.96	56242.5	7.54	56176.50	56169.68750	56155.48048	56145.19531	504828.2	5409139.8
L4830.0	504828.2	5409139.8	7763.79981	258.74	30.84	48.835215	-86.934205	56169.12	56242.5	7.54	56176.65	56169.76172	56155.00629	56144.67578	504828.2	5409139.8
L4830.0	504828.3	5409141.5	7763.89990	259.21	30.84	48.835230	-86.934205	56168.71	56242.5	7.53	56176.24	56169.27734	56154.53620	56144.16016	504828.3	5409141.5
L4830.0	504828.3	5409142.6	7764.00000	259.86	33.89	48.835241	-86.934205	56168.48	56242.5	7.53	56176.01	56168.97266	56154.05821	56143.64063	504828.3	5409142.6
L4830.0	504828.3	5409144.1	7764.10010	259.97	33.89	48.835254	-86.934205	56167.77	56242.5	7.53	56175.30	56168.18750	56153.58378	56143.12109	504828.3	5409144.1
L4830.0	504828.3	5409144.1	7764.20020	260.22	26.02	48.835254	-86.934205	56167.12	56242.5	7.53	56174.65	56167.46094	56153.10397	56142.59766	504828.3	5409144.1
L4830.0	504828.3	5409146.0	7764.29981	260.87	34.68	48.835271	-86.934204	56166.71	56242.5	7.53	56174.24	56166.98047	56152.61588	56142.06250	504828.3	5409146.0
L4830.0	504828.3	5409147.5	7764.39990	259.03	34.68	48.835284	-86.934204	56166.45	56242.5	7.53	56173.97	56166.63672	56152.12044	56141.52344	504828.3	5409147.5
L4830.0	504828.3	5409148.9	7764.50000	258.64	34.41	48.835297	-86.934204	56166.36	56242.5	7.52	56173.88	56166.47266	56151.61664	56140.97656	504828.3	5409148.9
L4830.0	504828.3	5409150.0	7764.60010	256.48	34.41	48.835307	-86.934204	56165.02	56242.5	7.52	56172.55	56165.07031	56151.12613	56140.44531	504828.3	5409150.0
L4830.0	504828.4	5409151.3	7764.70020	256.59	30.56	48.835319	-86.934204	56165.57	56242.5	7.52	56173.09	56165.53906	56150.59869	56139.87500	504828.4	5409151.3
L4830.0	504828.4	5409152.7	7764.79981	256.90	30.56	48.835331	-86.934203	56164.81	56242.5	7.52	56172.33	56164.71094	56150.08390	56139.31641	504828.4	5409152.7
L4830.0	504828.4	5409152.7	7764.89990	259.44	32.05	48.835331	-86.934203	56164.43	56242.5	7.52	56171.95	56164.26172	56149.55423	56138.74609	504828.4	5409152.7
L4830.0	504828.4	5409153.9	7765.00000	259.56	33.5	48.835342	-86.934203	56164.64	56242.5	7.52	56172.16	56164.40234	56149.00473	56138.15234	504828.4	5409153.9
L4830.0	504828.4	5409155.3	7765.10010	258.86	33.5	48.835355	-86.934203	56163.70	56242.5	7.52	56171.22	56163.39453	56148.46471	56137.57422	504828.4	5409155.3
L4830.0	504828.4	5409157.0	7765.20020	259.35	32.34	48.835370	-86.934203	56163.31	56242.5	7.52	56170.83	56162.94141	56147.90505	56136.97266	504828.4	5409157.0
L4830.0	504828.5	5409158.3	7765.29981	260.22	32.34	48.835382	-86.934202	56162.66	56242.5	7.52	56170.18	56162.22656	56147.34132	56136.36719	504828.5	5409158.3
L4830.0	504828.5	5409158.3	7765.39990	260.60	28.81	48.835382	-86.934202	56162.46	56242.5	7.52	56169.98	56161.96094	56146.75961	56135.74609	504828.5	5409158.3
L4830.0	504828.5	5409159.6	7765.50000	260.18	31.43	48.835393	-86.934202	56161.59	56242.5	7.51	56169.11	56161.03125	56146.18551	56135.13281	504828.5	5409159.6
L4830.0	504828.5	5409161.0	7765.60010	260.58	31.43	48.835406	-86.934202	56161.66	56242.5	7.51	56169.17	56161.03125	56145.58299	56134.49219	504828.5	5409161.0
L4830.0	504828.5	5409162.6	7765.70020	259.60	31.94	48.835421	-86.934202	56161.26	56242.5	7.51	56168.78	56160.58203	56144.98596	56133.85547	504828.5	5409162.6
L4830.0	504828.5	5409164.1	7765.79981	259.51	31.98	48.835434	-86.934202	56160.69	56242.5	7.51	56168.20	56159.94141	56144.39029	56133.22266	504828.5	5409164.1
L4830.0	504828.5	5409165.3	7765.89990	257.49	31.98	48.835444	-86.934202	56160.31	56242.5	7.51	56167.82	56159.50781	56143.78640	56132.58203	504828.5	5409165.3
L4830.0	504828.5	5409165.3	7766.00000	258.01	26.87	48.835444	-86.934202	56159.60	56242.5	7.51	56167.11	56158.74219	56143.19088	56131.94922	504828.5	5409165.3

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4830.0	504828.5	5409167.2	7766.10010	258.77	29.13	48.835462	-86.934202	56159.45	56242.5	7.51	56166.95	56158.52734	56142.57833	56131.30078	504828.5	5409167.2
L4830.0	504828.5	5409169.1	7766.20020	258.15	29.13	48.835479	-86.934202	56158.92	56242.5	7.50	56166.43	56157.95703	56141.97725	56130.66406	504828.5	5409169.1
L4830.0	504828.5	5409169.1	7766.29981	257.02	31.45	48.835479	-86.934202	56158.79	56242.5	7.50	56166.29	56157.76953	56141.36567	56130.01953	504828.5	5409169.1
L4830.0	504828.5	5409170.6	7766.39990	257.63	31.45	48.835492	-86.934202	56158.29	56242.5	7.50	56165.78	56157.21094	56140.76714	56129.38672	504828.5	5409170.6
L4830.0	504828.5	5409172.3	7766.50000	258.10	31.77	48.835507	-86.934201	56157.20	56242.5	7.50	56164.69	56156.07813	56140.18679	56128.76953	504828.5	5409172.3
L4830.0	504828.5	5409174.2	7766.60010	257.83	31.77	48.835525	-86.934201	56156.26	56242.5	7.49	56163.75	56155.09375	56139.60056	56128.15234	504828.5	5409174.2
L4830.0	504828.5	5409174.2	7766.70020	257.68	31.9	48.835525	-86.934201	56155.90	56242.5	7.49	56163.39	56154.69141	56138.99417	56127.51172	504828.5	5409174.2
L4830.0	504828.5	5409175.4	7766.79981	258.40	31.4	48.835536	-86.934201	56155.43	56242.5	7.49	56162.92	56154.18359	56138.38715	56126.87109	504828.5	5409175.4
L4830.0	504828.5	5409177.1	7766.89990	257.19	31.4	48.835551	-86.934201	56155.07	56242.5	7.48	56162.56	56153.78906	56137.77175	56126.22656	504828.5	5409177.1
L4830.0	504828.5	5409177.1	7767.00000	257.27	30.82	48.835551	-86.934201	56154.46	56242.5	7.48	56161.95	56153.14453	56137.15618	56125.57813	504828.5	5409177.1
L4830.0	504828.5	5409179.0	7767.10010	258.51	30.82	48.835568	-86.934201	56154.06	56242.5	7.48	56161.54	56152.70313	56136.52640	56124.91797	504828.5	5409179.0
L4830.0	504828.5	5409180.5	7767.20020	260.26	31.9	48.835581	-86.934201	56153.27	56242.5	7.48	56160.75	56151.88281	56135.89517	56124.25391	504828.5	5409180.5
L4830.0	504828.5	5409182.2	7767.29981	259.96	31.83	48.835597	-86.934201	56152.52	56242.5	7.48	56160.00	56151.10547	56135.25091	56123.58203	504828.5	5409182.2
L4830.0	504828.5	5409182.2	7767.39990	261.66	31.38	48.835597	-86.934201	56151.98	56242.5	7.48	56159.46	56150.54297	56134.58897	56122.89063	504828.5	5409182.2
L4830.0	504828.5	5409184.2	7767.50000	260.56	31.38	48.835615	-86.934201	56150.62	56242.5	7.48	56158.10	56149.16016	56133.93042	56122.20313	504828.5	5409184.2
L4830.0	504828.5	5409185.7	7767.60010	260.60	33.13	48.835628	-86.934201	56150.41	56242.5	7.48	56157.89	56148.92969	56133.23216	56121.47656	504828.5	5409185.7
L4830.0	504828.5	5409187.1	7767.70020	259.82	33.13	48.835641	-86.934201	56149.46	56242.5	7.48	56156.94	56147.96484	56132.53505	56120.75000	504828.5	5409187.1
L4830.0	504828.5	5409187.1	7767.79981	259.99	29.72	48.835641	-86.934201	56148.57	56242.5	7.48	56156.05	56147.06250	56131.82166	56120.01172	504828.5	5409187.1
L4830.0	504828.6	5409188.3	7767.89990	261.43	29.72	48.835652	-86.934201	56148.47	56242.5	7.48	56155.95	56146.94922	56131.07413	56119.23438	504828.6	5409188.3
L4830.0	504828.6	5409188.3	7768.00000	260.75	19.81	48.835652	-86.934201	56146.91	56242.5	7.48	56154.39	56145.38281	56130.34540	56118.48047	504828.6	5409188.3
L4830.0	504828.6	5409190.0	7768.10010	260.34	23.98	48.835667	-86.934200	56146.44	56242.5	7.48	56153.92	56144.90625	56129.57450	56117.68359	504828.6	5409190.0
L4830.0	504828.6	5409191.8	7768.20020	259.34	23.98	48.835683	-86.934200	56145.74	56242.5	7.47	56153.21	56144.19531	56128.79492	56116.87891	504828.6	5409191.8
L4830.0	504828.6	5409193.2	7768.29981	258.93	25.62	48.835696	-86.934200	56143.84	56242.5	7.47	56151.31	56142.29688	56128.03779	56116.09375	504828.6	5409193.2
L4830.0	504828.6	5409194.9	7768.39990	257.83	25.62	48.835711	-86.934200	56143.46	56242.5	7.47	56150.93	56141.92188	56127.22530	56115.25781	504828.6	5409194.9
L4830.0	504828.6	5409194.9	7768.50000	257.99	24.42	48.835711	-86.934200	56143.01	56242.5	7.46	56150.47	56141.46875	56126.40505	56114.41406	504828.6	5409194.9
L4830.0	504828.6	5409196.6	7768.60010	257.69	24.42	48.835727	-86.934200	56142.22	56242.5	7.46	56149.68	56140.69141	56125.58914	56113.57422	504828.6	5409196.6
L4830.0	504828.6	5409198.1	7768.70020	257.87	30.49	48.835740	-86.934200	56141.49	56242.5	7.46	56148.95	56139.97266	56124.76714	56112.72656	504828.6	5409198.1
L4830.0	504828.6	5409198.1	7768.79981	257.44	28.47	48.835740	-86.934200	56140.72	56242.5	7.46	56148.18	56139.22266	56123.94486	56111.87891	504828.6	5409198.1
L4830.0	504828.6	5409200.3	7768.89990	257.51	28.47	48.835759	-86.934200	56140.25	56242.5	7.45	56147.70	56138.76172	56123.11283	56111.02344	504828.6	5409200.3
L4830.0	504828.6	5409202.0	7769.00000	258.12	29.61	48.835775	-86.934200	56139.27	56242.6	7.45	56146.72	56137.80469	56122.30584	56110.19531	504828.6	5409202.0
L4830.0	504828.6	5409202.0	7769.10010	256.99	31.23	48.835775	-86.934200	56138.40	56242.6	7.45	56145.85	56136.96484	56121.50214	56109.36719	504828.6	5409202.0
L4830.0	504828.6	5409203.5	7769.20020	257.28	31.23	48.835788	-86.934200	56137.32	56242.6	7.45	56144.77	56135.91406	56120.71652	56108.55859	504828.6	5409203.5
L4830.0	504828.6	5409205.6	7769.29981	259.11	30.61	48.835807	-86.934200	56137.19	56242.6	7.44	56144.63	56135.80859	56119.90812	56107.72656	504828.6	5409205.6
L4830.0	504828.6	5409205.6	7769.39990	259.15	28.3	48.835807	-86.934200	56136.08	56242.6	7.44	56143.52	56134.73828	56119.15108	56106.94922	504828.6	5409205.6
L4830.0	504828.6	5409207.0	7769.50000	259.00	28.3	48.835820	-86.934200	56135.14	56242.6	7.44	56142.58	56133.83984	56118.39825	56106.17188	504828.6	5409207.0
L4830.0	504828.6	5409208.7	7769.60010	257.70	30.3	48.835835	-86.934200	56134.38	56242.6	7.44	56141.82	56133.12500	56117.64714	56105.39844	504828.6	5409208.7
L4830.0	504828.6	5409208.7	7769.70020	259.01	29.54	48.835835	-86.934200	56134.25	56242.6	7.44	56141.69	56133.04297	56116.88635	56104.61719	504828.6	5409208.7
L4830.0	504828.6	5409210.7	7769.79981	257.81	29.25	48.835853	-86.934200	56133.25	56242.6	7.43	56140.68	56132.08594	56116.14030	56103.84766	504828.6	5409210.7
L4830.0	504828.6	5409212.1	7769.89990	259.13	29.25	48.835866	-86.934200	56132.25	56242.6	7.43	56139.68	56131.14063	56115.38019	56103.06641	504828.6	5409212.1
L4830.0	504828.5	5409213.5	7770.00000	259.10	28.88	48.835879	-86.934200	56130.94	56242.6	7.43	56138.37	56129.89063	56114.59936	56102.26563	504828.5	5409213.5
L4830.0	504828.5	5409213.5	7770.10010	261.53	28.88	48.835879	-86.934200	56130.42	56242.6	7.43	56137.85	56129.43359	56113.78946	56101.42969	504828.5	5409213.5
L4830.0	504828.5	5409215.5	7770.20020	260.00	33.4	48.835897	-86.934201	56129.56	56242.6	7.43	56136.98	56128.62891	56112.94651	56100.56641	504828.5	5409215.5
L4830.0	504828.5	5409216.9	7770.29981	259.12	28.11	48.835909	-86.934201	56128.78	56242.6	7.42	56136.21	56127.92969	56112.06613	56099.66406	504828.5	5409216.9
L4830.0	504828.4	5409218.1	7770.39990	259.74	27.88	48.835920	-86.934202	56127.25	56242.6	7.42	56134.68	56126.47656	56111.13995	56098.71484	504828.4	5409218.1
L4830.0	504828.4	5409219.6	7770.50000	261.26	28.74	48.835933	-86.934202	56126.36	56242.6	7.42	56133.78	56125.65234	56110.18177	56097.73438	504828.4	5409219.6
L4830.0	504828.4	5409220.6	7770.60010	263.12	28.74	48.835942	-86.934203	56124.79	56242.6	7.42	56132.21	56124.16406	56109.18053	56096.71094	504828.4	5409220.6
L4830.0	504828.3	5409222.0	7770.70020	264.68	30.49	48.835955	-86.934203	56124.04	56242.6	7.42	56131.46	56123.50000	56108.15387	56095.66016	504828.3	5409222.0
L4830.0	504828.3	5409223.3	7770.79981	264.13	27.78	48.835966	-86.934204	56122.80	56242.6	7.41	56130.21	56122.33594	56107.09382	56094.57813	504828.3	5409223.3
L4830.0	504828.3	5409223.3	7770.89990	263.57	28.62	48.835966	-86.934204	56122.42	56242.6	7.41	56129.83	56122.05078	56106.01127	56093.46875	504828.3	5409223.3
L4830.0	504828.3	5409224.6	7771.00000	262.74	28.62	48.835978	-86.934204	56121.56	56242.6	7.41	56128.97	56121.28516	56104.90267	56092.33984	504828.3	5409224.6
L4830.0	504828.2	5409226.0	7771.10010	262.43	31.2	48.835991	-86.934204	56120.09	56242.6	7.41	56127.50	56119.91406	56103.77443	56091.18359	504828.2	5409226.0
L4830.0	504828.2	5409226.0	7771.20020	260.94	28.95	48.835991	-86.934204	56119.64	56242.6	7.41	56127.05	56119.56641	56102.62064	56090.00781	504828.2	5409226.0
L4830.0	504828.2	5409229.3	7771.29981	261.16	28.95	48.836020	-86.934205	56117.98	56242.6	7.41	56125.39	56118.01563	56101.45761	56088.82031	504828.2	5409229.3
L4830.0	504828.2	5409229.3	7771.39990	259.79	29.62	48.836020	-86.934205	56116.50	56242.6	7.41	56123.91	56116.64453	56100.27792	56087.61328	504828.2	5409229.3
L4830.0	504828.2	5409230.6	7771.50000	257.89	29.62	48.836032	-86.934205	56115.98	56242.6	7.40	56123.39	56116.23828	56099.06306	56086.37500	504828.2	5409230.6
L4830.0	504828.2	5409231.9	7771.60010	255.18	31.43	48.836044	-86.934205	56115.11	56242.6	7.40	56122.51	56115.47266	56097.83654	56085.12109	504828.2	5409231.9
L4830.0	504828.2	5409233.2	7771.70020	255.27	26.81	48.836056	-86.934205	56113.36	56242.6	7.40	56120.76	56113.84375	56096.61960	56083.87500	504828.2	5409233.2
L4830.0	504828.2	5409233.2	7771.79981	254.08	26.81	48.836056	-86.934205	56112.93	56242.6	7.40	56120.33	56113.53516	56095.34491	56082.57422	504828.2	5409233.2
L4830.0	504828.2	5409234.6	7771.89990	255.85	26.49	48.836068	-86.934205	56110.86	56242.6	7.40	56118.26	56111.59375	56094.11979	56081.32031	504828.2	5409234.6
L4830.0	504828.2	5409236.0	7772.00000	256.47	29.82	48.836081	-86.934205	56109.64	56242.6	7.40	56117.04	56110.50000	56092.85446	56080.02734	504828.2	5409236.0
L4830.0	504828.2	5409237.3	7772.10010	256.21	28.23	48.836092	-86.934205	56109.04	56242.6	7.40	56116.44	56110.03516	56091.55516	56078.69922	504828.2	5409237.3
L4830.0	504828.1	5409238.8	7772.20020	257.21	28.23	48.836106	-86.934205	56107.02	56242.6	7.40	56114.42	56108.14844	56090.32956	56077.44531	504828.1	5409238.8
L4830.0	504828.1	5409240.1	7772.29981	257.32	28.12	48.836118	-86.934205	56105.75	56242.6	7.40	56113.14	56107.00781	56089.07413	56076.16016	504828.1	5409240.1
L4830.0	504828.1	5409241.1	7772.39990	260.89	28.12	48.836126	-86.934205	56104.86	56242.6	7.40	56112.25	56106.25781	56087.80952	56074.86328	504828.1	5409241.1
L4830.0	504828.1	5409242.1	7772.50000	260.77	25.78	48.836136	-86.934205	56103.35	56242.6	7.40	56110.74	56104.89063	56086.59324	56073.61328	504828.1	5409242.1
L4830.0	504828.1	5409243.5	7772.60010	259.93	24.93	48.836149	-86.934205	56102.38	56242.6	7.39	56109.78	56104.07813	56085.36262	56072.35156	504828.1	5409243.5
L4830.0	504828.1	5409244.8	7772.70020	258.97	24.67	48.836160	-86.934205	56100.36	56242.6	7.39	56107.75	56102.19531	56084.19901	56071.15625	504828.1	5409244.8
L4830.0	504828.1	5409244.8	7772.79981	258.74	24.67	48.836160	-86.934205	56099.42	56242.6	7.39	56106.81	56101.40625	56082.98293	56069.90625	504828.1	5409244.8
L4830.0	504828.1	5409246.3	7772.89990	258.63	26.8	48.836173	-86.934205	56097.86	56242.6	7.39	56105.25	56100.00000	56081.79199	56068.67969	504828.1	5409246.3
L4830.0	504828.1	5409248.0	7773.00000	257.79	26.61	48.836189	-86.934205	56096.48	56242.6	7.39	56103.87	56098.77344	56080.58070	56067.43359	504828.1	5409248.0
L4830.0	504828.2	5409249.5	7773.10010	258.17	26.61	48.836202	-86.934205	56095.51	56242.6	7.39	56102.90	56097.96094	56079.33752	56066.15234	504828.2	5409249.5
L4830.0	504828.2	5409249.5	7773.20020	255.97	26.09	48.836202	-86.934205	56094.09	56242.6	7.39	56101.48	56096.69922	56078.08410	56064.85938	504828.2	5409249.5
L4830.0	504828.2	5409251.1	7773.29981	257.38	28.36	48.836217	-86.934205	56091.91	56242.6	7.39	56099.30	56094.67969	56076.81553	56063.55469	504828.2	5409251.1
L4830.0	504828.2	5409252.5	7773.39990	257.73	28.36	48.836229	-86.934205	56090.88	56242.6	7.39	56098.26	56093.80078	56075.48501	56062.18359	504828.2	5409252.5
L4830.0	504828.2	5409254.2	7773.50000	258.71	29.61	48.836244	-86.934205	56089.71	56242.6	7.39	56097.10	56092.80469	56074.12354	56060.78125	504828.2	5409254.2
L4830.0	504828.2	5409254.2	7773.60010	257.61	29.18	48.836244	-86.934205	56087.92	56242.6	7.39	56095.31	56091.17969	56072.73502	56059.35156	504828.2	5409254.2
L4830.0	504828.2	5409255.8	7773.70020	258.86	29.18	48.836259	-86.934204	56086.39	56242.6	7.39	56093.78	56089.81250	56071.30298	56057.87891	504828.2	5409255.8
L4830.0	504828.2	5409257.5	7773.79981	260.54	28.63	48.836274	-86.934204	56085.04	56242.6	7.39	56092.43	56088.63281	56069.83079	56056.36328	504828.2	5409257.5
L4830.0	504828.3	5409259.2	7773.89990	260.83	28.63	48.836289	-86.934204	56083.46	56242.6	7.39	56090.85	56087.21875	56068.32827	56054.81641	504828.3	5409259.2
L4830.0	504828.3	5409259.2	7774.00000	262.81	27.1	48.836289	-86.934204	56081.44	56242.6	7.39	56088.83	56085.36719	56066.80270	56053.24609	504828.3	5409259.2
L4830.0	504828.3	5409260.8	7774.10010	262.40	28.03	48.836304	-86.934203	56080.13	56242.6	7.39	56087.51	56084.21484	56065.23836	56051.63672	504828.3	5409260.8
L4830.0	504828.3	5409262.4	7774.20020	261.05	28.03	48.836318	-86.934203	56077.82	56242.6	7.39	56085.21	56082.08203	56063.66271	56050.01172	504828.3	5409262.4
L4830.0	504828.3	5409263.7	7774.29981	260.79	29.33	48.836330	-86.934203	56076.18	56242.6	7.38	56083.56	56080.60156	56062.04970	56048.35156	504828.3	5409263.7
L4830.0	504828.3	5409263.7	7774.39990	258.87	29.33	48.836330	-86.934203	56074.64	56242.6	7.38	56082.02	56079.23047	56060.40805	56046.66016	504828.3	5409263.7
L4830.0	504828.3	5409265.4	7774.50000	260.76	13.21	48.836345	-86.934203	56072.06	56242.6	7.38	56079.44	56076.82031	56058.76374	56044.96484	504828.3	5409265.4
L4830.0	504828.3	5409266.6	7774.60010	259.66	13.21	48.836356	-86.934202	56070.31	56242.6	7.38	56077.69	56075.23828	56057.07761	56043.22656	504828.3	5409266.6
L4830.0	504828.3	5409266.6	7774.70020	258.49	12.47	48.836356	-86.934202	56068.26	56242.6	7.38	56075.63	56073.34766	56055.37436	56041.47266	504828.3	5409266.6
L4830.0	504828.4	5409268.4	7774.79981	256.54	16.96	48.836372	-86.934202	56066.09	56242.6	7.37	56073.46	56071.34375	56053.65011	56039.69531	504828.4	5409268.4
L4830.0	504828.4	5409269.8	7774.89990	255.67	20.77	48.836385	-86.934202	56064.44	56242.6	7.37	56071.81	56069.85938	56051.88582	56037.87500	504828.4	5409269.8
L4830.0	504828.4	5409271.0	7775.00000	255.62	20.77	48.836396	-86.934202	56062.09	56242.6	7.37	56069.46	56067.67188	56050.11993	56036.05469	504828.4	5409271.0
L4830.0	504828.4	5409272.4	7775.10010	256.83	26.74	48.836408	-86.934202	56059.54	56242.6	7.37	56066.90	56065.27734	56048.34303	56034.21875	504828.4	5409272.4
L4830.0	504828.4	5409274.0	7775.20020	256.82	27.16	48.836422	-86.934202	56057.26	56242.6	7.37	56064.63	56063.16797	56046.53607	56032.35156	504828.4	5409274.0
L4830.0	504828.4	5409275.2	7775.29981	256.49	27.16	48.836433	-86.934202	56055.59	56242.6	7.37	56062.96	56061.65625	56044.68327	56030.44141	504828.4	5409275.2

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4830.0	504828.4	5409275.2	7775.39990	255.73	18.15	48.836433	-86.934202	56052.86	56242.6	7.37	56060.22	56059.07422	56042.85230	56028.55078	504828.4	5409275.2
L4830.0	504828.4	5409276.6	7775.50000	256.44	20.73	48.836446	-86.934201	56050.50	56242.6	7.37	56057.87	56056.87891	56040.98379	56026.62109	504828.4	5409276.6
L4830.0	504828.4	5409278.4	7775.60010	256.36	20.73	48.836462	-86.934201	56047.95	56242.6	7.36	56055.32	56054.48438	56039.10498	56024.67578	504828.4	5409278.4
L4830.0	504828.4	5409278.4	7775.70020	257.42	20.73	48.836462	-86.934201	56045.22	56242.6	7.36	56052.58	56051.89453	56037.21366	56022.72266	504828.4	5409278.4
L4830.0	504828.4	5409280.1	7775.79981	258.30	21.58	48.836477	-86.934201	56043.54	56242.6	7.36	56050.90	56050.35938	56035.24652	56020.69141	504828.4	5409280.1
L4830.0	504828.4	5409281.1	7775.89990	258.84	22.47	48.836487	-86.934201	56040.96	56242.6	7.36	56048.33	56047.93750	56033.29453	56018.67188	504828.4	5409281.1
L4830.0	504828.4	5409282.5	7776.00000	259.58	24.81	48.836499	-86.934201	56038.52	56242.6	7.36	56045.88	56045.62891	56031.30863	56016.61719	504828.4	5409282.5
L4830.0	504828.4	5409283.7	7776.10010	259.20	23.83	48.836509	-86.934201	56035.91	56242.6	7.36	56043.27	56043.15625	56029.30284	56014.54297	504828.4	5409283.7
L4830.0	504828.4	5409285.1	7776.20020	259.51	23.83	48.836523	-86.934202	56034.01	56242.6	7.36	56041.37	56041.39063	56027.23094	56012.40234	504828.4	5409285.1
L4830.0	504828.4	5409286.4	7776.29981	260.42	24.67	48.836534	-86.934202	56031.20	56242.6	7.36	56038.57	56038.71875	56025.17733	56010.27734	504828.4	5409286.4
L4830.0	504828.4	5409287.9	7776.39990	258.84	24.67	48.836547	-86.934202	56028.50	56242.6	7.36	56035.86	56036.13672	56023.08981	56008.11719	504828.4	5409287.9
L4830.0	504828.4	5409287.9	7776.50000	260.33	25.59	48.836547	-86.934202	56026.78	56242.6	7.37	56034.14	56034.53906	56020.91582	56005.87109	504828.4	5409287.9
L4830.0	504828.4	5409289.3	7776.60010	259.36	24.3	48.836560	-86.934202	56024.25	56242.6	7.37	56031.62	56032.13672	56018.75571	56003.63672	504828.4	5409289.3
L4830.0	504828.4	5409290.7	7776.70020	256.85	24.3	48.836573	-86.934202	56021.52	56242.6	7.37	56028.88	56029.51172	56016.57733	56001.38281	504828.4	5409290.7
L4830.0	504828.4	5409292.4	7776.79981	257.32	26.14	48.836588	-86.934202	56018.38	56242.6	7.37	56025.75	56026.48828	56014.39284	55999.12109	504828.4	5409292.4
L4830.0	504828.4	5409293.1	7776.89990	254.15	26.58	48.836595	-86.934202	56016.20	56242.6	7.37	56023.57	56024.41406	56012.11764	55996.76953	504828.4	5409293.1
L4830.0	504828.4	5409294.8	7777.00000	255.51	26.58	48.836610	-86.934202	56013.32	56242.6	7.37	56020.69	56021.62891	56009.88327	55994.45703	504828.4	5409294.8
L4830.0	504828.4	5409294.8	7777.10010	255.76	26.65	48.836610	-86.934202	56011.22	56242.6	7.37	56018.58	56019.61328	56007.56997	55992.06250	504828.4	5409294.8
L4830.0	504828.4	5409296.3	7777.20020	256.40	26.8	48.836623	-86.934202	56007.86	56242.6	7.36	56015.22	56016.33984	56005.31000	55989.72266	504828.4	5409296.3
L4830.0	504828.4	5409297.9	7777.29981	255.27	26.8	48.836637	-86.934202	56004.60	56242.6	7.36	56011.96	56013.16406	56003.01359	55987.34766	504828.4	5409297.9
L4830.0	504828.4	5409299.2	7777.39990	255.34	26.83	48.836649	-86.934202	56002.09	56242.6	7.35	56009.44	56010.71875	56000.63842	55984.88672	504828.4	5409299.2
L4830.0	504828.4	5409300.6	7777.50000	256.16	26.19	48.836662	-86.934202	55998.22	56242.6	7.35	56005.57	56006.91797	55998.32423	55982.49219	504828.4	5409300.6
L4830.0	504828.4	5409300.6	7777.60010	257.10	26.19	48.836662	-86.934202	55994.18	56242.7	7.35	56001.52	56002.92969	55995.99354	55980.07813	504828.4	5409300.6
L4830.0	504828.4	5409302.3	7777.70020	257.17	25.81	48.836677	-86.934202	55990.68	56242.7	7.34	55998.02	55999.48828	55993.59833	55977.59766	504828.4	5409302.3
L4830.0	504828.4	5409303.5	7777.79981	258.66	23.09	48.836688	-86.934202	55986.74	56242.7	7.34	55994.08	55995.59766	55991.20532	55975.11719	504828.4	5409303.5
L4830.0	504828.4	5409304.7	7777.89990	259.28	23.09	48.836699	-86.934202	55982.18	56242.7	7.33	55989.52	55991.08203	55988.82739	55972.65234	504828.4	5409304.7
L4830.0	504828.4	5409306.5	7778.00000	259.93	23.59	48.836715	-86.934202	55977.93	56242.7	7.33	55985.26	55986.85938	55986.40420	55970.14063	504828.4	5409306.5
L4830.0	504828.4	5409306.5	7778.10010	257.64	22.42	48.836715	-86.934202	55972.59	56242.7	7.33	55979.92	55981.55078	55984.02888	55967.67969	504828.4	5409306.5
L4830.0	504828.4	5409308.9	7778.20020	256.72	22.42	48.836736	-86.934202	55967.69	56242.7	7.33	55975.02	55976.67188	55981.60139	55965.16016	504828.4	5409308.9
L4830.0	504828.4	5409308.9	7778.29981	255.49	20.63	48.836736	-86.934202	55962.45	56242.7	7.33	55969.79	55971.45703	55979.15035	55962.62109	504828.4	5409308.9
L4830.0	504828.4	5409310.5	7778.39990	255.95	20.63	48.836751	-86.934202	55956.51	56242.7	7.33	55963.84	55965.51563	55976.68982	55960.07031	504828.4	5409310.5
L4830.0	504828.4	5409312.2	7778.50000	257.21	13.61	48.836766	-86.934202	55950.94	56242.7	7.33	55958.28	55959.95703	55974.16019	55957.44922	504828.4	5409312.2
L4830.0	504828.4	5409313.6	7778.60010	258.17	13.61	48.836779	-86.934202	55945.05	56242.7	7.34	55952.39	55954.05859	55971.60717	55954.80469	504828.4	5409313.6
L4830.0	504828.4	5409315.1	7778.70020	257.36	17.11	48.836792	-86.934201	55938.81	56242.7	7.34	55946.14	55947.79688	55969.03342	55952.14063	504828.4	5409315.1
L4830.0	504828.4	5409315.1	7778.79981	258.00	14.69	48.836792	-86.934201	55931.87	56242.7	7.34	55939.21	55940.84375	55966.45593	55949.46875	504828.4	5409315.1
L4830.0	504828.4	5409317.0	7778.89990	257.99	14.69	48.836809	-86.934201	55924.94	56242.7	7.34	55932.28	55933.88281	55963.84950	55946.76953	504828.4	5409317.0
L4830.0	504828.4	5409318.6	7779.00000	260.16	14.82	48.836824	-86.934201	55917.68	56242.7	7.34	55925.02	55926.58594	55961.23547	55944.06250	504828.4	5409318.6
L4830.0	504828.4	5409318.6	7779.10010	259.89	18.16	48.836824	-86.934201	55910.52	56242.7	7.34	55917.86	55919.37891	55958.60477	55941.33594	504828.4	5409318.6
L4830.0	504828.4	5409320.3	7779.20020	259.53	18.16	48.836839	-86.934200	55902.28	56242.7	7.34	55909.61	55911.07422	55956.00487	55938.64063	504828.4	5409320.3
L4830.0	504828.5	5409321.7	7779.29981	258.23	17.75	48.836851	-86.934200	55893.88	56242.7	7.34	55901.22	55902.62109	55953.41055	55935.95313	504828.5	5409321.7
L4830.0	504828.5	5409321.7	7779.39990	259.33	17.75	48.836851	-86.934200	55886.46	56242.7	7.34	55893.80	55895.13281	55950.79912	55933.24609	504828.5	5409321.7
L4830.0	504828.5	5409323.1	7779.50000	259.31	18.18	48.836864	-86.934200	55877.23	56242.7	7.33	55884.57	55885.82422	55948.26219	55930.61328	504828.5	5409323.1
L4830.0	504828.5	5409324.6	7779.60010	260.47	18.18	48.836877	-86.934200	55868.58	56242.7	7.33	55875.92	55877.08594	55945.74135	55927.99609	504828.5	5409324.6
L4830.0	504828.5	5409326.1	7779.70020	259.27	20.13	48.836891	-86.934199	55858.77	56242.7	7.33	55866.11	55867.17969	55943.29762	55925.45703	504828.5	5409326.1
L4830.0	504828.5	5409327.4	7779.79981	258.09	19.39	48.836903	-86.934199	55848.78	56242.7	7.33	55856.11	55857.07813	55940.91684	55922.98047	504828.5	5409327.4
L4830.0	504828.5	5409327.4	7779.89990	256.72	19.39	48.836903	-86.934199	55839.75	56242.7	7.33	55847.08	55847.93359	55938.57833	55920.54297	504828.5	5409327.4
L4830.0	504828.5	5409329.0	7780.00000	258.97	18.62	48.836917	-86.934199	55828.39	56242.7	7.33	55835.72	55836.45313	55936.38991	55918.25781	504828.5	5409329.0
L4830.0	504828.5	5409330.3	7780.10010	259.44	21.26	48.836929	-86.934199	55817.31	56242.7	7.33	55824.64	55825.24609	55934.28520	55916.05859	504828.5	5409330.3
L4830.0	504828.6	5409332.1	7780.20020	259.59	21.26	48.836945	-86.934199	55805.86	56242.7	7.32	55813.18	55813.64844	55932.29233	55913.96875	504828.6	5409332.1
L4830.0	504828.6	5409332.1	7780.29981	259.54	19.84	48.836945	-86.934199	55794.24	56242.7	7.32	55801.56	55801.88281	55930.40832	55911.98828	504828.6	5409332.1
L4830.0	504828.6	5409333.7	7780.39990	259.16	21.68	48.836959	-86.934199	55782.20	56242.7	7.32	55789.52	55789.69141	55928.64474	55910.12891	504828.6	5409333.7
L4830.0	504828.6	5409335.4	7780.50000	257.93	21.68	48.836974	-86.934199	55769.07	56242.7	7.32	55776.39	55776.39844	55927.03009	55908.41797	504828.6	5409335.4
L4830.0	504828.6	5409336.3	7780.60010	258.03	21.68	48.836983	-86.934199	55756.03	56242.7	7.31	55763.34	55763.17969	55925.51919	55906.81250	504828.6	5409336.3
L4830.0	504828.6	5409337.5	7780.70020	257.95	20.52	48.836994	-86.934198	55742.74	56242.7	7.31	55750.05	55749.71094	55924.12086	55905.31641	504828.6	5409337.5
L4830.0	504828.6	5409338.8	7780.79981	258.13	20.87	48.837006	-86.934198	55728.13	56242.7	7.31	55735.43	55734.90234	55922.87842	55903.98047	504828.6	5409338.8
L4830.0	504828.6	5409338.8	7780.89990	257.92	19.7	48.837006	-86.934198	55713.54	56242.7	7.30	55720.85	55720.12891	55921.72235	55902.72656	504828.6	5409338.8
L4830.0	504828.6	5409341.5	7781.00000	258.07	19.7	48.837030	-86.934198	55699.09	56242.7	7.30	55706.39	55705.46875	55920.63954	55901.55078	504828.6	5409341.5
L4830.0	504828.6	5409341.5	7781.10010	257.36	19.36	48.837030	-86.934198	55683.65	56242.7	7.30	55690.95	55689.82031	55919.67867	55900.49609	504828.6	5409341.5
L4830.0	504828.6	5409342.9	7781.20020	258.18	19.45	48.837043	-86.934198	55668.79	56242.7	7.30	55676.10	55674.75000	55918.75279	55899.47656	504828.6	5409342.9
L4830.0	504828.6	5409344.3	7781.29981	256.25	17.53	48.837055	-86.934198	55652.64	56242.7	7.30	55659.94	55658.36719	55917.95483	55898.58203	504828.6	5409344.3
L4830.0	504828.6	5409345.7	7781.39990	257.65	17.53	48.837068	-86.934198	55636.48	56242.7	7.30	55643.78	55641.97266	55917.20609	55897.74219	504828.6	5409345.7
L4830.0	504828.6	5409347.2	7781.50000	257.43	19.66	48.837081	-86.934198	55621.42	56242.7	7.31	55628.72	55626.67578	55916.44516	55896.88672	504828.6	5409347.2
L4830.0	504828.6	5409347.2	7781.60010	257.17	14.93	48.837081	-86.934198	55605.90	56242.7	7.31	55613.20	55610.90625	55915.76119	55896.11328	504828.6	5409347.2
L4830.0	504828.6	5409349.2	7781.70020	256.52	14.93	48.837099	-86.934198	55591.35	56242.7	7.31	55598.65	55596.10547	55915.08515	55895.34375	504828.6	5409349.2
L4830.0	504828.6	5409350.3	7781.79981	256.83	17.78	48.837109	-86.934197	55577.09	56242.7	7.31	55584.40	55581.59375	55914.46405	55894.63281	504828.6	5409350.3
L4830.0	504828.6	5409352.0	7781.89990	257.25	17.78	48.837124	-86.934197	55564.45	56242.7	7.31	55571.75	55568.67578	55913.84085	55893.92188	504828.6	5409352.0
L4830.0	504828.7	5409353.1	7782.00000	258.38	18.4	48.837134	-86.934197	55551.41	56242.7	7.31	55558.72	55555.37109	55913.33033	55893.32031	504828.7	5409353.1
L4830.0	504828.7	5409353.1	7782.10010	257.70	17.57	48.837134	-86.934197	55540.71	56242.7	7.31	55548.01	55544.38281	55912.80566	55892.71094	504828.7	5409353.1
L4830.0	504828.7	5409355.0	7782.20020	259.78	17.57	48.837151	-86.934197	55530.88	56242.7	7.31	55538.18	55534.26563	55912.35571	55892.17188	504828.7	5409355.0
L4830.0	504828.7	5409356.0	7782.29981	260.16	20.49	48.837161	-86.934197	55522.75	56242.7	7.30	55530.06	55525.85547	55911.95245	55891.68359	504828.7	5409356.0
L4830.0	504828.7	5409357.6	7782.39990	260.38	21.18	48.837175	-86.934197	55516.46	56242.7	7.30	55523.76	55519.25781	55911.60097	55891.24609	504828.7	5409357.6
L4830.0	504828.7	5409359.0	7782.50000	260.15	21.18	48.837187	-86.934197	55511.74	56242.7	7.30	55519.04	55514.23438	55911.32271	55890.88281	504828.7	5409359.0
L4830.0	504828.7	5409360.8	7782.60010	260.02	17.52	48.837203	-86.934197	55507.94	56242.7	7.30	55515.24	55510.12500	55911.16149	55890.64063	504828.7	5409360.8
L4830.0	504828.7	5409360.8	7782.70020	258.85	17.52	48.837203	-86.934197	55506.91	56242.7	7.30	55514.20	55508.76953	55911.04538	55890.44141	504828.7	5409360.8
L4830.0	504828.7	5409362.4	7782.79981	259.55	12.82	48.837218	-86.934197	55507.28	56242.7	7.29	55514.58	55508.83203	55911.04947	55890.36328	504828.7	5409362.4
L4830.0	504828.7	5409363.8	7782.89990	259.13	12.82	48.837230	-86.934197	55508.59	56242.7	7.29	55515.88	55509.80859	55911.20533	55890.44141	504828.7	5409363.8
L4830.0	504828.7	5409365.5	7783.00000	257.24	18.83	48.837245	-86.934197	55512.72	56242.7	7.29	55520.01	55513.60938	55911.43062	55890.58594	504828.7	5409365.5
L4830.0	504828.7	5409365.5	7783.10010	257.71	18.83	48.837245	-86.934197	55516.91	56242.7	7.29	55524.20	55517.46875	55911.84837	55890.92969	504828.7	5409365.5
L4830.0	504828.7	5409367.2	7783.20020	256.81	16.38	48.837261	-86.934197	55522.43	56242.7	7.28	55529.71	55522.64063	55912.40453	55891.41016	504828.7	5409367.2
L4830.0	504828.6	5409368.8	7783.29981	256.40	17.52	48.837276	-86.934197	55529.10	56242.7	7.28	55536.38	55528.97266	55913.09648	55892.02734	504828.6	5409368.8
L4830.0	504828.6	5409368.8	7783.39990	257.00	17.52	48.837276	-86.934197	55536.14	56242.7	7.28	55543.42	55535.66797	55913.94961	55892.80469	504828.6	5409368.8
L4830.0	504828.6	5409370.2	7783.50000	258.51	16.69	48.837288	-86.934197	55544.07	56242.7	7.28	55551.34	55543.24219	55914.93604	55893.71875	504828.6	5409370.2
L4830.0	504828.6	5409372.2	7783.60010	259.21	16.69	48.837306	-86.934198	55551.56	56242.7	7.27	55558.84	55550.39453	55916.10514	55894.82031	504828.6	5409372.2
L4830.0	504828.6	5409373.8	7783.70020	258.12	18.96	48.837321	-86.934198	55561.12	56242.7	7.27	55568.39	55559.59375	55917.34421	55895.98828	504828.6	5409373.8
L4830.0	504828.6	5409373.8	7783.79981	257.35	15.78	48.837321	-86.934198	55569.57	56242.7	7.27	55576.83	55567.67969	55918.77889	55897.35547	504828.6	5409373.8
L4830.0	504828.6	5409375.3	7783.89990	257.94	15.78	48.837333	-86.934198	55579.52	56242.7	7.26	55586.78	55577.27344	55920.29311	55898.80469	504828.6	5409375.3
L4830.0	504828.5	5409376.9	7784.00000	259.21	15.78	48.837348	-86.934198	55589.29	56242.7	7.26	55596.55	55586.68359	55921.94935	55900.39453	504828.5	5409376.9
L4830.0	504828.5	5409378.5	7784.10010	258.91	17.9	48.837362	-86.934199	55599.23	56242.7	7.26	55606.49	55596.26563	55923.72920	55902.11328	504828.5	5409378.5
L4830.0	504828.5	5409378.5	7784.20020	259.59	17.9	48.837362	-86.934199	55609.75	56242.7	7.26	55617.01	55606.42578	55925.62607	55903.94922	504828.5	5409378.5
L4830.0	504828.5	5409380.2	7784.29981	258.98	19.56	48.837378	-86.934199	55620.09	56242.7	7.26	55627.34	55616.39453	55927.67464	55905.93750	504828.5	5409380.2
L4830.0	504828.5	5409380.2	7784.39990	258.15	18.07	48.837378	-86.934199	55631.95	56242.7	7.26	55639.20	55627.89063	55929.80375	55908.00781	504828.5	5409380.2
L4830.0	504828.5	5409381.7	7784.50000	258.70	18.07	48.837391	-86.934199	55643.63	56242.7	7.26	55650.88	55639.20703	55932.09169	55910.23828	504828.5	5409381.7
L4830.0	504828.5	5409383.3	7784.60010	258.60	21.65	48.837406	-86.934199	55657.00	56242.7	7.25	55664.26	55652.22656	55934.48134	55912.57422	504828.5	5409383.3

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4830.0	504828.5	5409385.0	7784.70020	258.10	20.86	48.837421	-86.934199	55670.68	56242.7	7.25	55677.93	55665.53516	55937.04550	55915.08594	504828.5	5409385.0
L4830.0	504828.5	5409386.2	7784.79981	258.93	20.86	48.837432	-86.934199	55685.07	56242.7	7.25	55692.33	55679.57031	55939.76245	55917.75000	504828.5	5409386.2
L4830.0	504828.5	5409386.2	7784.89990	258.50	18.2	48.837432	-86.934199	55700.25	56242.7	7.25	55707.50	55694.38281	55942.61421	55920.55078	504828.5	5409386.2
L4830.0	504828.5	5409388.2	7785.00000	258.44	18.2	48.837449	-86.934199	55715.58	56242.8	7.25	55722.83	55709.35156	55945.59814	55923.48828	504828.5	5409388.2
L4830.0	504828.5	5409388.2	7785.10010	258.93	9.39	48.837449	-86.934199	55730.96	56242.7	7.25	55738.21	55724.37109	55948.69953	55926.54297	504828.5	5409388.2
L4830.0	504828.5	5409389.9	7785.20020	259.26	11.24	48.837466	-86.934198	55747.79	56242.7	7.25	55755.04	55740.84766	55951.82897	55929.62891	504828.5	5409389.9
L4830.0	504828.5	5409391.6	7785.29981	259.64	11.24	48.837481	-86.934198	55765.21	56242.7	7.25	55772.46	55757.91406	55954.99266	55932.75000	504828.5	5409391.6
L4830.0	504828.6	5409393.0	7785.39990	258.55	9.12	48.837494	-86.934198	55783.01	56242.7	7.25	55790.27	55775.37109	55958.16334	55935.87891	504828.6	5409393.0
L4830.0	504828.6	5409394.5	7785.50000	258.67	9.12	48.837506	-86.934197	55800.98	56242.7	7.26	55808.23	55792.98047	55961.32445	55939.00000	504828.6	5409394.5
L4830.0	504828.6	5409394.5	7785.60010	258.27	10.73	48.837506	-86.934197	55818.93	56242.7	7.26	55826.18	55810.58203	55964.46937	55942.10547	504828.6	5409394.5
L4830.0	504828.6	5409396.1	7785.70020	258.85	10.73	48.837521	-86.934197	55836.84	56242.7	7.26	55844.10	55828.16016	55967.58707	55945.19141	504828.6	5409396.1
L4830.0	504828.6	5409397.6	7785.79981	258.02	15.92	48.837535	-86.934197	55854.32	56242.7	7.26	55861.58	55845.30078	55970.69422	55948.26172	504828.6	5409397.6
L4830.0	504828.7	5409398.7	7785.89990	256.19	20.83	48.837544	-86.934197	55872.48	56242.7	7.26	55879.74	55863.12500	55973.72588	55951.26172	504828.7	5409398.7
L4830.0	504828.7	5409399.9	7786.00000	257.23	20.83	48.837555	-86.934196	55889.63	56242.7	7.26	55896.89	55879.94141	55976.78459	55954.28906	504828.7	5409399.9
L4830.0	504828.7	5409399.9	7786.10010	256.62	22.63	48.837555	-86.934196	55907.31	56242.7	7.26	55914.57	55897.29297	55979.78737	55957.26563	504828.7	5409399.9
L4830.0	504828.7	5409401.8	7786.20020	255.38	22.63	48.837572	-86.934196	55924.34	56242.7	7.25	55931.59	55913.99219	55982.81759	55960.26953	504828.7	5409401.8
L4830.0	504828.7	5409403.2	7786.29981	255.52	21.89	48.837585	-86.934196	55940.17	56242.7	7.25	55947.42	55929.50000	55985.91985	55963.34375	504828.7	5409403.2
L4830.0	504828.7	5409404.6	7786.39990	255.82	24.34	48.837597	-86.934196	55955.75	56242.8	7.25	55963.00	55944.76563	55989.05301	55966.45313	504828.7	5409404.6
L4830.0	504828.7	5409404.6	7786.50000	256.29	24.34	48.837597	-86.934196	55971.41	56242.8	7.25	55978.65	55960.10938	55992.21171	55969.58984	504828.7	5409404.6
L4830.0	504828.7	5409406.6	7786.60010	258.35	24.68	48.837616	-86.934196	55985.72	56242.8	7.24	55992.97	55974.12500	55995.48234	55972.84375	504828.7	5409406.6
L4830.0	504828.7	5409407.7	7786.70020	260.01	24.68	48.837625	-86.934196	55999.58	56242.8	7.24	56006.82	55987.67969	55998.82186	55976.16406	504828.7	5409407.7
L4830.0	504828.7	5409407.7	7786.79981	257.94	19.65	48.837625	-86.934196	56012.89	56242.8	7.24	56020.13	56000.69922	56002.23622	55979.56250	504828.7	5409407.7
L4830.0	504828.7	5409409.3	7786.89990	258.75	19.65	48.837640	-86.934196	56025.21	56242.8	7.23	56032.44	56012.72266	56005.74351	55983.05469	504828.7	5409409.3
L4830.0	504828.7	5409411.1	7787.00000	258.81	18.93	48.837656	-86.934196	56037.71	56242.8	7.23	56044.94	56024.94531	56009.28656	55986.58203	504828.7	5409411.1
L4830.0	504828.6	5409412.6	7787.10010	259.17	21.01	48.837669	-86.934197	56048.53	56242.8	7.23	56055.76	56035.49219	56012.92919	55990.21484	504828.6	5409412.6
L4830.0	504828.6	5409413.4	7787.20020	258.41	21.01	48.837677	-86.934197	56059.23	56242.8	7.22	56066.45	56045.91797	56016.59368	55993.86719	504828.6	5409413.4
L4830.0	504828.6	5409413.4	7787.29981	259.11	23.65	48.837677	-86.934197	56069.10	56242.8	7.22	56076.32	56055.52734	56020.28382	55997.55078	504828.6	5409413.4
L4830.0	504828.6	5409414.9	7787.39990	260.45	23.13	48.837690	-86.934197	56078.48	56242.8	7.22	56085.70	56064.65625	56023.96559	56001.22656	504828.6	5409414.9
L4830.0	504828.6	5409416.4	7787.50000	260.11	25.48	48.837704	-86.934197	56087.92	56242.8	7.21	56095.13	56073.84375	56027.60112	56004.85547	504828.6	5409416.4
L4830.0	504828.6	5409418.2	7787.60010	260.52	25.48	48.837720	-86.934198	56095.65	56242.8	7.21	56102.86	56081.33984	56031.20071	56008.44922	504828.6	5409418.2
L4830.0	504828.6	5409418.2	7787.70020	260.27	26.21	48.837720	-86.934198	56103.27	56242.8	7.21	56110.48	56088.73047	56034.69800	56011.94531	504828.6	5409418.2
L4830.0	504828.5	5409421.0	7787.79981	260.72	15.87	48.837745	-86.934198	56110.55	56242.8	7.21	56117.76	56095.78906	56038.07723	56015.32422	504828.5	5409421.0
L4830.0	504828.5	5409421.0	7787.89990	260.75	20.01	48.837745	-86.934198	56117.51	56242.8	7.20	56124.71	56102.52734	56041.33158	56018.57813	504828.5	5409421.0
L4830.0	504828.5	5409422.7	7788.00000	261.45	20.01	48.837760	-86.934198	56124.12	56242.8	7.20	56131.32	56108.93359	56044.46277	56021.71094	504828.5	5409422.7
L4830.0	504828.5	5409423.5	7788.10010	260.88	18.51	48.837767	-86.934199	56129.92	56242.8	7.20	56137.12	56114.53906	56047.48117	56024.73438	504828.5	5409423.5
L4830.0	504828.5	5409424.9	7788.20020	259.84	19.59	48.837780	-86.934199	56135.57	56242.8	7.20	56142.77	56120.00000	56050.38037	56027.63672	504828.5	5409424.9
L4830.0	504828.5	5409426.8	7788.29981	259.50	19.59	48.837797	-86.934199	56140.45	56242.8	7.19	56147.65	56124.70313	56053.19026	56030.45313	504828.5	5409426.8
L4830.0	504828.5	5409426.8	7788.39990	259.84	26.75	48.837797	-86.934199	56145.08	56242.8	7.19	56152.27	56129.15234	56055.91339	56033.17969	504828.5	5409426.8
L4830.0	504828.5	5409428.2	7788.50000	258.90	26.75	48.837810	-86.934199	56149.36	56242.8	7.19	56156.55	56133.26953	56058.57069	56035.84766	504828.5	5409428.2
L4830.0	504828.5	5409428.2	7788.60010	258.22	27.03	48.837810	-86.934199	56154.04	56242.8	7.19	56161.22	56137.78516	56061.14541	56038.42969	504828.5	5409428.2
L4830.0	504828.4	5409431.6	7788.70020	258.05	27.03	48.837840	-86.934199	56157.48	56242.8	7.19	56164.66	56141.08203	56063.72549	56041.01953	504828.4	5409431.6
L4830.0	504828.4	5409431.6	7788.79981	257.19	26.2	48.837840	-86.934199	56161.54	56242.8	7.18	56168.73	56145.01563	56066.23831	56043.54297	504828.4	5409431.6
L4830.0	504828.4	5409433.0	7788.89990	256.40	25.11	48.837853	-86.934199	56164.36	56242.8	7.18	56171.54	56147.69922	56068.78531	56046.10156	504828.4	5409433.0
L4830.0	504828.4	5409434.4	7789.00000	256.12	25.11	48.837866	-86.934199	56167.72	56242.8	7.18	56174.90	56150.94141	56071.27838	56048.60938	504828.4	5409434.4
L4830.0	504828.4	5409436.2	7789.10010	254.78	23.12	48.837882	-86.934199	56170.34	56242.8	7.18	56177.51	56153.44531	56073.79769	56051.14063	504828.4	5409436.2
L4830.0	504828.4	5409437.5	7789.20020	255.51	23.12	48.837893	-86.934199	56172.49	56242.8	7.18	56179.67	56155.50391	56076.33267	56053.69141	504828.4	5409437.5
L4830.0	504828.4	5409437.5	7789.29981	254.26	20.48	48.837893	-86.934199	56175.34	56242.8	7.17	56182.51	56158.25391	56078.81820	56056.19141	504828.4	5409437.5
L4830.0	504828.4	5409439.2	7789.39990	256.58	20.48	48.837908	-86.934199	56177.06	56242.8	7.17	56184.23	56159.89453	56081.36065	56058.75000	504828.4	5409439.2
L4830.0	504828.4	5409439.2	7789.50000	257.65	22.7	48.837908	-86.934199	56179.68	56242.8	7.17	56186.85	56162.44141	56083.83454	56061.23828	504828.4	5409439.2
L4830.0	504828.4	5409440.8	7789.60010	256.73	26.12	48.837923	-86.934199	56181.08	56242.8	7.17	56188.25	56163.77734	56086.36566	56063.78906	504828.4	5409440.8
L4830.0	504828.4	5409442.3	7789.70020	257.27	26.12	48.837936	-86.934199	56182.74	56242.8	7.17	56189.91	56165.38672	56088.86058	56066.30078	504828.4	5409442.3
L4830.0	504828.4	5409443.9	7789.79981	258.41	23.9	48.837951	-86.934200	56184.34	56242.8	7.16	56191.50	56166.92969	56091.33224	56068.78906	504828.4	5409443.9
L4830.0	504828.4	5409445.1	7789.89990	259.15	23.9	48.837962	-86.934200	56185.70	56242.8	7.16	56192.87	56168.26563	56093.78122	56071.25781	504828.4	5409445.1
L4830.0	504828.4	5409446.8	7790.00000	259.07	22.32	48.837977	-86.934200	56187.31	56242.8	7.16	56194.47	56169.83594	56096.17343	56073.66797	504828.4	5409446.8
L4830.0	504828.4	5409446.8	7790.10010	259.53	14.19	48.837977	-86.934200	56188.13	56242.8	7.16	56195.29	56170.63672	56098.55255	56076.06641	504828.4	5409446.8
L4830.0	504828.4	5409448.7	7790.10010	259.53	14.19	48.837994	-86.934200	56189.43	56242.8	7.16	56196.58	56171.91797	56100.84474	56078.37500	504828.4	5409448.7
L4830.0	504828.4	5409450.4	7790.20020	260.78	14.19	48.838009	-86.934200	56190.58	56242.8	7.16	56197.74	56173.07813	56103.07072	56080.62109	504828.4	5409450.4
L4830.0	504828.4	5409452.0	7790.29981	260.44	20.11	48.838024	-86.934200	56191.42	56242.8	7.16	56198.57	56173.91406	56105.22820	56082.79688	504828.4	5409452.0
L4830.0	504828.4	5409452.0	7790.50000	259.14	21.15	48.838024	-86.934200	56192.31	56242.8	7.15	56199.47	56174.82813	56107.29244	56084.87891	504828.4	5409452.0
L4830.0	504828.4	5409453.4	7790.60010	257.81	21.15	48.838037	-86.934200	56193.26	56242.8	7.15	56200.42	56175.80078	56109.25868	56086.86719	504828.4	5409453.4
L4830.0	504828.4	5409455.1	7790.70020	257.80	21.15	48.838051	-86.934200	56193.70	56242.8	7.15	56200.85	56176.26563	56111.14506	56088.76953	504828.4	5409455.1
L4830.0	504828.4	5409455.1	7790.79981	259.17	18.65	48.838051	-86.934200	56194.46	56242.8	7.15	56201.61	56177.06641	56112.91862	56090.56250	504828.4	5409455.1
L4830.0	504828.4	5409456.3	7790.89990	258.45	20.5	48.838062	-86.934200	56194.66	56242.8	7.15	56201.81	56177.31250	56114.62451	56092.28516	504828.4	5409456.3
L4830.0	504828.4	5409457.7	7791.00000	258.69	19.16	48.838075	-86.934199	56195.02	56242.8	7.15	56202.17	56177.73047	56116.24650	56093.92578	504828.4	5409457.7
L4830.0	504828.4	5409459.1	7791.10010	258.76	19.16	48.838088	-86.934199	56196.43	56242.9	7.15	56203.57	56179.19141	56117.75660	56095.45313	504828.4	5409459.1
L4830.0	504828.4	5409459.1	7791.20020	259.78	17.4	48.838088	-86.934199	56196.53	56242.9	7.15	56203.68	56179.37109	56119.25492	56096.96875	504828.4	5409459.1
L4830.0	504828.4	5409461.1	7791.29981	259.72	17.4	48.838105	-86.934199	56196.90	56242.9	7.15	56204.04	56179.81250	56120.68894	56098.41797	504828.4	5409461.1
L4830.0	504828.4	5409462.7	7791.39990	257.04	21.01	48.838120	-86.934199	56197.06	56242.9	7.15	56204.21	56180.06641	56122.08179	56099.82813	504828.4	5409462.7
L4830.0	504828.4	5409462.7	7791.50000	256.03	21.01	48.838120	-86.934199	56197.81	56242.9	7.15	56204.96	56180.90625	56123.40690	56101.16797	504828.4	5409462.7
L4830.0	504828.4	5409464.2	7791.60010	256.97	20.55	48.838133	-86.934199	56198.48	56242.9	7.14	56205.62	56181.66797	56124.69654	56102.46875	504828.4	5409464.2
L4830.0	504828.4	5409465.6	7791.70020	257.69	20.41	48.838146	-86.934199	56198.11	56242.9	7.14	56205.25	56181.40234	56125.99578	56103.78125	504828.4	5409465.6
L4830.0	504828.4	5409467.4	7791.79981	257.95	18.28	48.838163	-86.934199	56198.83	56242.9	7.14	56205.97	56182.23438	56127.21382	56105.01172	504828.4	5409467.4
L4830.0	504828.4	5409468.5	7791.89990	257.54	18.28	48.838172	-86.934199	56198.34	56242.9	7.14	56205.48	56181.85938	56128.44713	56106.25781	504828.4	5409468.5
L4830.0	504828.4	5409468.5	7792.00000	258.05	18.61	48.838172	-86.934199	56198.65	56242.9	7.14	56205.79	56182.29297	56129.60372	56107.42578	504828.4	5409468.5
L4830.0	504828.4	5409470.1	7792.10010	257.08	19.4	48.838186	-86.934199	56199.82	56242.9	7.14	56206.96	56183.59375	56130.67837	56108.50781	504828.4	5409470.1
L4830.0	504828.4	5409471.4	7792.20020	258.31	19.4	48.838198	-86.934199	56199.04	56242.9	7.13	56206.17	56182.93750	56131.80359	56109.64063	504828.4	5409471.4
L4830.0	504828.4	5409473.0	7792.29981	258.56	19.76	48.838212	-86.934199	56198.81	56242.9	7.13	56205.93	56182.83594	56132.86341	56110.70703	504828.4	5409473.0
L4830.0	504828.4	5409474.3	7792.39990	259.43	19.76	48.838225	-86.934199	56199.08	56242.9	7.12	56206.20	56183.25000	56133.85819	56111.70703	504828.4	5409474.3
L4830.0	504828.4	5409475.8	7792.50000	258.87	22.39	48.838238	-86.934199	56199.17	56242.9	7.12	56206.29	56183.48828	56134.82231	56112.67188	504828.4	5409475.8
L4830.0	504828.4	5409475.8	7792.60010	260.02	22.39	48.838238	-86.934199	56198.65	56242.9	7.12	56205.76	56183.11328	56135.78152	56113.63672	504828.4	5409475.8
L4830.0	504828.4	5409477.5	7792.70020	258.48	18.22	48.838253	-86.934199	56199.07	56242.9	7.11	56206.18	56183.68750	56136.65940	56114.51172	504828.4	5409477.5
L4830.0	504828.4	5409478.7	7792.79981	258.03	19.93	48.838264	-86.934199	56199.64	56242.9	7.11	56206.75	56184.42188	56137.49787	56115.35156	504828.4	5409478.7
L4830.0	504828.4	5409480.4	7792.89990	259.34	19.93	48.838279	-86.934199	56198.32	56242.9	7.10	56205.42	56183.25391	56138.40895	56116.25781	504828.4	5409480.4
L4830.0	504828.4	5409480.4	7793.00000	259.48	22.15	48.838279	-86.934199	56198.79	56242.9	7.10	56205.89	56183.89453	56139.19765	56117.04297	504828.4	5409480.4
L4830.0	504828.4	5409481.8	7793.10010	257.12	22.15	48.838292	-86.934199	56198.95	56242.9	7.10	56206.05	56184.22656	56139.97957	56117.81641	504828.4	5409481.8
L4830.0	504828.4	5409483.3	7793.20020	257.04	18.24	48.838305	-86.934199	56199.07	56242.9	7.10	56206.16	56184.50781	56140.74375	56118.57422	504828.4	5409483.3
L4830.0	504828.4	5409484.7	7793.29981	257.30	18.24	48.838318	-86.934199	56198.45	56242.9	7.09	56205.54	56184.06641	56141.53149	56119.35156	504828.4	5409484.7
L4830.0	504828.4	5409484.7	7793.39990	256.99	15.84	48.838318	-86.934199	56198.36	56242.9	7.09	56205.45	56184.15625	56142.27461	56120.08203	504828.4	5409484.7
L4830.0	504828.4	5409486.5	7793.50000	257.72	22.3	48.838334	-86.934199	56198.24	56242.9	7.09	56205.33	56184.21484	56143.00889	56120.80469	504828.4	5409486.5
L4830.0	504828.4	5409487.9	7793.60010	256.55	22.3	48.838347	-86.934199	56198.38	56242.9	7.09	56205.47	56184.53906	56143.72256	56121.50000	504828.4	5409487.9
L4830.0	504828.4	5409487.9	7793.70020	257.38	21.07	48.838347	-86.934199	56198.25	56242.9	7.09	56205.34	56184.59375	56144.44849	56122.20703	504828.4	5409487.9
L4830.0	504828.4	5409489.6	7793.79981	257.20	22.06	48.838362	-86.934199	56197.96	56242.9	7.08	56205.05	56184.48828	56145.18169	56122.92188	504828.4	5409489.6
L4830.0	504828.4	5409491.0	7793.89990	257.73	19.68	48.838375	-86.934199	56198.11	56242.9	7.08	56205.19	56184.81641	56145.88921	56123.60547	504828.4	5409491.0

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4830.0	504828.4	5409492.7	7794.00000	259.38	19.68	48.838390	-86.934199	56197.77	56242.9	7.08	56204.85	56184.66406	56146.61771	56124.30859	504828.4	5409492.7
L4830.0	504828.4	5409493.9	7794.10010	258.94	22.24	48.838401	-86.934199	56197.98	56242.9	7.08	56205.07	56185.07031	56147.31063	56124.97266	504828.4	5409493.9
L4830.0	504828.4	5409495.4	7794.20020	258.02	22.24	48.838414	-86.934199	56197.28	56242.9	7.08	56204.36	56184.54688	56148.03602	56125.66797	504828.4	5409495.4
L4830.0	504828.4	5409496.7	7794.29981	258.26	22.66	48.838426	-86.934199	56196.98	56242.9	7.09	56204.07	56184.44531	56148.72637	56126.32813	504828.4	5409496.7
L4830.0	504828.4	5409496.7	7794.39990	257.52	19.56	48.838426	-86.934199	56197.78	56242.9	7.09	56204.87	56185.43359	56149.35590	56126.92188	504828.4	5409496.7
L4830.0	504828.4	5409498.4	7794.50000	258.04	19.56	48.838441	-86.934199	56196.91	56242.9	7.09	56204.00	56184.75000	56150.03165	56127.56250	504828.4	5409498.4
L4830.0	504828.4	5409498.4	7794.60010	259.48	20.77	48.838441	-86.934199	56196.62	56242.9	7.09	56203.71	56184.64453	56150.66194	56128.15234	504828.4	5409498.4
L4830.0	504828.4	5409500.2	7794.70020	258.93	22.34	48.838457	-86.934198	56195.94	56242.9	7.09	56203.03	56184.15234	56151.27878	56128.72656	504828.4	5409500.2
L4830.0	504828.4	5409501.6	7794.79981	258.47	22.34	48.838470	-86.934198	56196.11	56242.9	7.10	56203.20	56184.50391	56151.84453	56129.24609	504828.4	5409501.6
L4830.0	504828.4	5409503.1	7794.89990	260.30	22.96	48.838483	-86.934198	56195.82	56242.9	7.10	56202.92	56184.40625	56152.39427	56129.75000	504828.4	5409503.1
L4830.0	504828.5	5409504.7	7795.00000	261.74	19	48.838497	-86.934198	56194.99	56242.9	7.10	56202.09	56183.75781	56152.92506	56130.23047	504828.5	5409504.7
L4830.0	504828.5	5409504.7	7795.10010	261.38	19	48.838497	-86.934198	56194.61	56242.9	7.10	56201.70	56183.54297	56153.41392	56130.66406	504828.5	5409504.7
L4830.0	504828.5	5409506.1	7795.20020	261.78	19	48.838510	-86.934198	56194.31	56242.9	7.09	56201.40	56183.41797	56153.86988	56131.06641	504828.5	5409506.1
L4830.0	504828.5	5409507.3	7795.29981	260.29	21.87	48.838521	-86.934198	56193.67	56242.9	7.09	56200.76	56182.95313	56154.29989	56131.43750	504828.5	5409507.3
L4830.0	504828.5	5409508.8	7795.39990	261.37	22.04	48.838535	-86.934198	56193.39	56242.9	7.08	56200.47	56182.83203	56154.69360	56131.76953	504828.5	5409508.8
L4830.0	504828.5	5409510.6	7795.50000	259.79	22.04	48.838551	-86.934198	56192.56	56242.9	7.08	56199.64	56182.16797	56155.06332	56132.07813	504828.5	5409510.6
L4830.0	504828.5	5409511.8	7795.60010	258.57	10.18	48.838562	-86.934198	56192.21	56242.9	7.08	56199.28	56181.97266	56155.39927	56132.34766	504828.5	5409511.8
L4830.0	504828.5	5409513.3	7795.70020	259.68	10.18	48.838575	-86.934198	56190.79	56242.9	7.07	56197.86	56180.71484	56155.71864	56132.59766	504828.5	5409513.3
L4830.0	504828.5	5409514.7	7795.79981	259.58	11.03	48.838588	-86.934198	56190.64	56242.9	7.07	56197.71	56180.71875	56156.00270	56132.80859	504828.5	5409514.7
L4830.0	504828.5	5409514.7	7795.89990	259.51	11.03	48.838588	-86.934198	56189.35	56242.9	7.06	56196.42	56179.58203	56156.27417	56133.00781	504828.5	5409514.7
L4830.0	504828.4	5409516.6	7796.00000	260.29	19.37	48.838605	-86.934198	56188.59	56242.9	7.06	56195.65	56178.96094	56156.52161	56133.17578	504828.4	5409516.6
L4830.0	504828.4	5409517.8	7796.10010	258.96	17.92	48.838616	-86.934198	56187.83	56242.9	7.06	56194.89	56178.34766	56156.75161	56133.32813	504828.4	5409517.8
L4830.0	504828.4	5409517.8	7796.20020	258.10	17.92	48.838616	-86.934198	56186.92	56242.9	7.06	56193.99	56177.58594	56156.96770	56133.46094	504828.4	5409517.8
L4830.0	504828.4	5409519.3	7796.29981	259.13	12.8	48.838629	-86.934198	56185.81	56242.9	7.07	56192.88	56176.61328	56157.17280	56133.58203	504828.4	5409519.3
L4830.0	504828.4	5409521.2	7796.39990	259.00	12.8	48.838647	-86.934198	56184.41	56242.9	7.07	56191.47	56175.33203	56157.37021	56133.69141	504828.4	5409521.2
L4830.0	504828.5	5409521.2	7796.50000	260.42	18.14	48.838647	-86.934198	56183.73	56242.9	7.07	56190.80	56174.78906	56157.55391	56133.78516	504828.4	5409521.2
L4830.0	504828.4	5409524.3	7796.60010	259.49	18.14	48.838675	-86.934198	56182.62	56242.9	7.07	56189.69	56173.80078	56157.73586	56133.87109	504828.4	5409524.3
L4830.0	504828.4	5409524.3	7796.70020	260.33	18.14	48.838675	-86.934198	56181.93	56242.9	7.07	56189.01	56173.23438	56157.91025	56133.95313	504828.4	5409524.3
L4830.0	504828.5	5409525.8	7796.79981	260.02	12.67	48.838688	-86.934198	56181.23	56242.9	7.08	56188.31	56172.64453	56158.08152	56134.02344	504828.5	5409525.8
L4830.0	504828.5	5409527.1	7796.89990	258.19	15.84	48.838700	-86.934198	56179.78	56242.9	7.08	56186.86	56171.30078	56158.25543	56134.09766	504828.5	5409527.1
L4830.0	504828.5	5409527.1	7797.00000	258.71	15.84	48.838700	-86.934198	56178.96	56242.9	7.08	56186.04	56170.58203	56158.42018	56134.15625	504828.5	5409527.1
L4830.0	504828.5	5409528.8	7797.10010	259.61	17	48.838714	-86.934198	56178.08	56242.9	7.08	56185.16	56169.79297	56158.58047	56134.21094	504828.5	5409528.8
L4830.0	504828.5	5409529.9	7797.20020	259.95	9.83	48.838724	-86.934198	56177.36	56242.9	7.08	56184.43	56169.15234	56158.73437	56134.25781	504828.5	5409529.9
L4830.0	504828.5	5409531.3	7797.29981	259.82	9.83	48.838737	-86.934197	56176.70	56242.9	7.07	56183.77	56168.57422	56158.88223	56134.29297	504828.5	5409531.3
L4830.0	504828.5	5409531.3	7797.39990	261.37	11.64	48.838737	-86.934197	56176.71	56242.9	7.07	56183.78	56168.66016	56159.02061	56134.32031	504828.5	5409531.3
L4830.0	504828.5	5409533.2	7797.50000	260.38	11.64	48.838755	-86.934197	56176.16	56242.9	7.07	56183.23	56168.18359	56159.15686	56134.33984	504828.5	5409533.2
L4830.0	504828.5	5409534.5	7797.60010	261.44	20.37	48.838766	-86.934197	56175.94	56242.9	7.07	56183.01	56168.02734	56159.28637	56134.35156	504828.5	5409534.5
L4830.0	504828.5	5409536.0	7797.70020	260.22	19.16	48.838780	-86.934197	56175.87	56242.9	7.07	56182.94	56168.01563	56159.40977	56134.35547	504828.5	5409536.0
L4830.0	504828.5	5409537.3	7797.79981	259.45	19.16	48.838791	-86.934197	56175.91	56242.9	7.06	56182.97	56168.09766	56159.52688	56134.34766	504828.5	5409537.3
L4830.0	504828.5	5409537.3	7797.89990	257.37	21.07	48.838791	-86.934197	56175.54	56242.9	7.06	56182.60	56167.77344	56159.63820	56134.33594	504828.5	5409537.3
L4830.0	504828.5	5409540.1	7798.00000	259.16	22.04	48.838817	-86.934197	56176.21	56242.9	7.06	56183.27	56168.48438	56159.74053	56134.30859	504828.5	5409540.1
L4830.0	504828.5	5409540.1	7798.10010	258.82	22.04	48.838817	-86.934197	56176.72	56242.9	7.06	56183.78	56169.02734	56159.83594	56134.27734	504828.5	5409540.1
L4830.0	504828.5	5409541.7	7798.20020	259.27	21.84	48.838831	-86.934197	56176.73	56242.9	7.06	56183.79	56169.06641	56159.92294	56134.23438	504828.5	5409541.7
L4830.0	504828.5	5409542.9	7798.29981	259.71	18.31	48.838842	-86.934197	56177.45	56242.9	7.06	56184.50	56169.79688	56159.99858	56134.17578	504828.5	5409542.9
L4830.0	504828.5	5409544.4	7798.39990	261.64	14.69	48.838855	-86.934197	56177.51	56242.9	7.06	56184.57	56169.88281	56160.06214	56134.10547	504828.5	5409544.4
L4830.0	504828.5	5409545.8	7798.50000	262.36	14.69	48.838868	-86.934197	56177.79	56242.9	7.06	56184.85	56170.16797	56160.11096	56134.01563	504828.5	5409545.8
L4830.0	504828.5	5409545.8	7798.60010	261.64	13.76	48.838868	-86.934197	56178.17	56242.9	7.06	56185.23	56170.55078	56160.14330	56133.91016	504828.5	5409545.8
L4830.0	504828.5	5409547.0	7798.70020	260.51	20.98	48.838878	-86.934197	56179.00	56242.9	7.06	56186.06	56171.37891	56160.15780	56133.78516	504828.5	5409547.0
L4830.0	504828.5	5409549.1	7798.79981	261.56	20.98	48.838897	-86.934197	56178.78	56242.9	7.06	56185.84	56171.14844	56160.16112	56133.64453	504828.5	5409549.1
L4830.0	504828.5	5409550.7	7798.89990	259.15	20.98	48.838912	-86.934197	56180.14	56242.9	7.06	56187.20	56172.49219	56160.13593	56133.47656	504828.5	5409550.7
L4830.0	504828.5	5409550.7	7799.00000	258.14	16.89	48.838912	-86.934197	56180.66	56242.9	7.06	56187.72	56172.99219	56160.09969	56133.29688	504828.5	5409550.7
L4830.0	504828.5	5409552.2	7799.10010	259.35	16.11	48.838925	-86.934197	56181.06	56242.9	7.06	56188.11	56173.35156	56160.05039	56133.10156	504828.5	5409552.2
L4830.0	504828.5	5409553.8	7799.20020	260.90	16.11	48.838939	-86.934197	56181.79	56242.9	7.06	56188.85	56174.05859	56159.98208	56132.88672	504828.5	5409553.8
L4830.0	504828.5	5409555.2	7799.29981	260.78	17.48	48.838952	-86.934197	56181.68	56242.9	7.06	56188.74	56173.91016	56159.91916	56132.67578	504828.5	5409555.2
L4830.0	504828.5	5409555.2	7799.39990	262.36	17.48	48.838952	-86.934197	56182.01	56242.9	7.06	56189.07	56174.19531	56159.83994	56132.44531	504828.5	5409555.2
L4830.0	504828.5	5409557.0	7799.50000	259.80	5.33	48.838968	-86.934197	56182.27	56242.9	7.06	56189.33	56174.40234	56159.75637	56132.21094	504828.5	5409557.0
L4830.0	504828.5	5409558.1	7799.60010	260.14	5.33	48.838979	-86.934197	56182.41	56242.9	7.06	56189.47	56174.48438	56159.67281	56131.97656	504828.5	5409558.1
L4830.0	504828.5	5409559.5	7799.70020	259.03	9.06	48.838991	-86.934196	56182.64	56242.9	7.06	56189.70	56174.65234	56159.58509	56131.73828	504828.5	5409559.5
L4830.0	504828.5	5409559.5	7799.79981	258.96	15.18	48.838991	-86.934196	56182.21	56242.9	7.06	56189.27	56174.15625	56159.52159	56131.51953	504828.5	5409559.5
L4830.0	504828.5	5409561.2	7799.89990	257.04	15.18	48.839006	-86.934196	56181.83	56242.9	7.06	56188.89	56173.70313	56159.46144	56131.30859	504828.5	5409561.2
L4830.0	504828.5	5409562.8	7800.00000	256.68	15.46	48.839020	-86.934196	56182.66	56242.9	7.06	56189.72	56174.45313	56159.35850	56131.05078	504828.5	5409562.8
L4830.0	504828.5	5409562.8	7800.10010	256.06	15.46	48.839020	-86.934196	56182.08	56242.9	7.06	56189.14	56173.78906	56159.31923	56130.85547	504828.5	5409562.8
L4830.0	504828.6	5409564.1	7800.20020	257.08	17.52	48.839033	-86.934196	56182.52	56242.9	7.06	56189.58	56174.14063	56159.24519	56130.62891	504828.6	5409564.1
L4830.0	504828.6	5409565.6	7800.29981	257.49	14.52	48.839045	-86.934196	56181.83	56242.9	7.06	56188.89	56173.35938	56159.22807	56130.45313	504828.6	5409565.6
L4830.0	504828.6	5409567.1	7800.39990	256.30	14.52	48.839059	-86.934196	56181.84	56242.9	7.06	56188.90	56173.26953	56159.18870	56130.25781	504828.6	5409567.1
L4830.0	504828.6	5409568.3	7800.50000	257.62	15.76	48.839070	-86.934196	56181.40	56242.9	7.06	56188.45	56172.71875	56159.17705	56130.09375	504828.6	5409568.3
L4830.0	504828.6	5409568.3	7800.60010	257.11	15.76	48.839070	-86.934196	56181.56	56242.9	7.05	56188.62	56172.78125	56159.14704	56129.90625	504828.6	5409568.3
L4830.0	504828.6	5409569.7	7800.70020	258.11	14.67	48.839083	-86.934196	56181.20	56242.9	7.05	56188.25	56172.29688	56159.14652	56129.75000	504828.6	5409569.7
L4830.0	504828.6	5409572.3	7800.79981	259.60	14.67	48.839106	-86.934196	56180.93	56242.9	7.05	56187.98	56171.91406	56159.14682	56129.59375	504828.6	5409572.3
L4830.0	504828.6	5409572.3	7800.89990	258.45	14.45	48.839106	-86.934196	56180.98	56242.9	7.05	56188.03	56171.84375	56159.13910	56129.42969	504828.6	5409572.3
L4830.0	504828.6	5409573.7	7801.00000	258.25	14.45	48.839119	-86.934196	56180.60	56242.9	7.05	56187.65	56171.33984	56159.14887	56129.28516	504828.6	5409573.7
L4830.0	504828.6	5409573.7	7801.10010	259.70	13.24	48.839119	-86.934196	56180.09	56243	7.05	56187.13	56170.69141	56159.16142	56129.14453	504828.6	5409573.7
L4830.0	504828.6	5409575.6	7801.20020	259.73	13.24	48.839136	-86.934196	56179.61	56243	7.04	56186.65	56170.08203	56159.16700	56128.99609	504828.6	5409575.6
L4830.0	504828.6	5409576.8	7801.29981	256.69	11.47	48.839146	-86.934196	56179.23	56243	7.04	56186.26	56169.55469	56159.16122	56128.83594	504828.6	5409576.8
L4830.0	504828.5	5409578.4	7801.39990	259.46	14.17	48.839161	-86.934196	56178.39	56243	7.03	56185.42	56168.57813	56159.15357	56128.67578	504828.5	5409578.4
L4830.0	504828.5	5409580.1	7801.50000	259.22	14.17	48.839176	-86.934196	56177.23	56243	7.03	56184.26	56167.27734	56159.13513	56128.50781	504828.5	5409580.1
L4830.0	504828.5	5409580.1	7801.60010	260.50	12.98	48.839176	-86.934196	56176.48	56243	7.03	56183.50	56166.37500	56159.08789	56128.30859	504828.5	5409580.1
L4830.0	504828.5	5409581.7	7801.70020	259.70	12.98	48.839191	-86.934196	56175.22	56243	7.02	56182.25	56164.97656	56159.03081	56128.10156	504828.5	5409581.7
L4830.0	504828.5	5409582.9	7801.79981	260.15	12.31	48.839202	-86.934196	56173.90	56243	7.02	56180.92	56163.49609	56158.95410	56127.87500	504828.5	5409582.9
L4830.0	504828.5	5409584.1	7801.89990	262.04	12.31	48.839212	-86.934196	56172.75	56243	7.01	56179.76	56162.18750	56158.85344	56127.62891	504828.5	5409584.1
L4830.0	504828.5	5409584.1	7802.00000	261.27	13.74	48.839212	-86.934196	56171.26	56243	7.01	56178.27	56160.54297	56158.74151	56127.36719	504828.5	5409584.1
L4830.0	504828.5	5409586.1	7802.10010	259.80	10.23	48.839230	-86.934196	56169.60	56243	7.01	56176.61	56158.72656	56158.62163	56127.10547	504828.5	5409586.1
L4830.0	504828.5	5409587.2	7802.20020	260.94	12.81	48.839240	-86.934196	56167.84	56243	7.01	56174.86	56156.82031	56158.49934	56126.83984	504828.5	5409587.2
L4830.0	504828.5	5409588.6	7802.29981	260.29	12.81	48.839253	-86.934196	56165.90	56243	7.02	56172.91	56154.71094	56158.38633	56126.58203	504828.5	5409588.6
L4830.0	504828.5	5409590.2	7802.39990	259.66	13.45	48.839267	-86.934196	56164.91	56243	7.02	56171.92	56153.55859	56158.24355	56126.30078	504828.5	5409590.2
L4830.0	504828.5	5409591.4	7802.50000	259.93	13.45	48.839278	-86.934196	56162.26	56243	7.02	56169.28	56150.75781	56158.18417	56126.10156	504828.5	5409591.4
L4830.0	504828.5	5409592.4	7802.60010	257.99	14.87	48.839287	-86.934196	56160.41	56243	7.02	56167.43	56148.74219	56158.11334	56125.89453	504828.5	5409592.4
L4830.0	504828.5	5409593.6	7802.70020	257.66	14.84	48.839297	-86.934196	56158.61	56243	7.02	56165.63	56146.77734	56158.06623	56125.71094	504828.5	5409593.6
L4830.0	504828.5	5409595.0	7802.79981	258.48	14.46	48.839310	-86.934196	56156.92	56243	7.03	56163.94	56144.92188	56158.06521	56125.57813	504828.5	5409595.0
L4830.0	504828.5	5409596.1	7802.89990	257.02	14.69	48.839320	-86.934196	56154.85	56243	7.03	56161.88	56142.69531	56158.11613	56125.49609	504828.5	5409596.1
L4830.0	504828.5	5409597.3	7803.00000	257.56	14.69	48.839331	-86.934196	56153.22	56243	7.03	56160.25	56140.89844	56158.14332	56125.39453	504828.5	5409597.3
L4830.0	504828.5	5409597.3	7803.10010	258.40	15.27	48.839331	-86.934196	56150.15	56243	7.03	56157.18	56137.66016	56158.27192	56125.39844	504828.5	5409597.3
L4830.0	504828.5	5409598.7	7803.20020	259.38	15.27	48.839344	-86.934196	56148.44	56243	7.03	56155.47	56135.78516	56158.31569	56125.31641	504828.5	5409598.7

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4830.0	504828.5	5409600.0	7803.29981	257.41	13.43	48.839355	-86.934197	56146.30	56243	7.02	56153.32	56133.46484	56158.39499	56125.27344	504828.5	5409600.0
L4830.0	504828.5	5409601.4	7803.39990	253.90	13.43	48.839368	-86.934197	56143.78	56243	7.02	56150.80	56130.77734	56158.50549	56125.26172	504828.5	5409601.4
L4830.0	504828.5	5409602.8	7803.50000	253.54	13.43	48.839381	-86.934197	56141.62	56243	7.02	56148.64	56128.44922	56158.59876	56125.23828	504828.5	5409602.8
L4830.0	504828.5	5409604.2	7803.60010	254.01	10.05	48.839393	-86.934197	56140.18	56243	7.02	56147.19	56126.83594	56158.65168	56125.17578	504828.5	5409604.2
L4830.0	504828.5	5409604.2	7803.70020	252.44	4.24	48.839393	-86.934197	56139.08	56243	7.02	56146.10	56125.57813	56158.68771	56125.09766	504828.5	5409604.2
L4830.0	504828.5	5409606.0	7803.79981	254.36	13.44	48.839409	-86.934197	56136.78	56243	7.01	56143.80	56123.11328	56158.81157	56125.11328	504828.5	5409606.0
L4830.0	504828.5	5409607.5	7803.89990	252.86	13.44	48.839422	-86.934197	56137.04	56243	7.01	56144.05	56123.19531	56158.77260	56124.96484	504828.5	5409607.5
L4830.0	504828.5	5409607.5	7804.00000	253.73	13.87	48.839422	-86.934197	56136.67	56243	7.01	56143.68	56122.66406	56158.78204	56124.87109	504828.5	5409607.5
L4830.0	504828.4	5409609.1	7804.10010	255.31	13.87	48.839437	-86.934197	56137.04	56243	7.01	56144.05	56122.87109	56158.74909	56124.73438	504828.4	5409609.1
L4830.0	504828.4	5409610.5	7804.20020	256.04	8.35	48.839450	-86.934197	56138.47	56243	7.01	56145.48	56124.14063	56158.65219	56124.53906	504828.4	5409610.5
L4830.0	504828.4	5409611.9	7804.29981	257.37	8.35	48.839462	-86.934197	56139.59	56243	7.01	56146.60	56125.10156	56158.58242	56124.37109	504828.4	5409611.9
L4830.0	504828.4	5409613.0	7804.39990	258.36	14.44	48.839473	-86.934197	56142.93	56243	7.01	56149.94	56128.28125	56158.37076	56124.06641	504828.4	5409613.0
L4830.0	504828.4	5409614.6	7804.50000	258.61	14.58	48.839486	-86.934198	56146.17	56243	7.01	56153.18	56131.36328	56158.17149	56123.77344	504828.4	5409614.6
L4830.0	504828.4	5409615.8	7804.60010	259.94	14.58	48.839498	-86.934198	56148.93	56243	7.01	56155.94	56133.96875	56158.00951	56123.52344	504828.4	5409615.8
L4830.0	504828.4	5409615.8	7804.70020	260.08	12.81	48.839498	-86.934198	56152.90	56243	7.01	56159.91	56137.78906	56157.77167	56123.20313	504828.4	5409615.8
L4830.0	504828.4	5409617.5	7804.79981	259.68	14	48.839512	-86.934198	56155.80	56243	7.01	56162.81	56140.53516	56157.62490	56122.97266	504828.4	5409617.5
L4830.0	504828.4	5409618.9	7804.89990	260.05	14	48.839525	-86.934198	56158.68	56243	7.01	56165.69	56143.26953	56157.50679	56122.77344	504828.4	5409618.9
L4830.0	504828.3	5409620.6	7805.00000	259.67	12.18	48.839540	-86.934198	56162.46	56243	7.01	56169.47	56146.90234	56157.35200	56122.54297	504828.3	5409620.6
L4830.0	504828.3	5409620.6	7805.10010	260.50	11.92	48.839540	-86.934198	56165.85	56243	7.01	56172.86	56150.14844	56157.22681	56122.34375	504828.3	5409620.6
L4830.0	504828.3	5409621.9	7805.20020	258.42	11.92	48.839552	-86.934198	56168.33	56243	7.01	56175.34	56152.48828	56157.14757	56122.19531	504828.3	5409621.9
L4830.0	504828.3	5409623.7	7805.29981	259.67	11.92	48.839569	-86.934199	56171.08	56243	7.01	56178.10	56155.10938	56157.04162	56122.02344	504828.3	5409623.7
L4830.0	504828.3	5409623.7	7805.39990	260.08	13.98	48.839569	-86.934199	56172.10	56243	7.01	56179.11	56155.98438	56157.01484	56121.92969	504828.3	5409623.7
L4830.0	504828.3	5409625.1	7805.50000	260.16	13.84	48.839581	-86.934199	56173.74	56243	7.01	56180.75	56157.49219	56156.93526	56121.78906	504828.3	5409625.1
L4830.0	504828.3	5409627.0	7805.60010	261.03	13.84	48.839598	-86.934199	56173.76	56243	7.02	56180.78	56157.39063	56156.93269	56121.73047	504828.3	5409627.0
L4830.0	504828.3	5409627.0	7805.70020	259.78	13.84	48.839598	-86.934199	56175.06	56243	7.02	56182.08	56158.56641	56156.84715	56121.58984	504828.3	5409627.0
L4830.0	504828.3	5409628.6	7805.79981	260.91	13.61	48.839612	-86.934199	56175.53	56243	7.02	56182.54	56158.90234	56156.80911	56121.50000	504828.3	5409628.6
L4830.0	504828.3	5409630.6	7805.89990	259.98	13.61	48.839631	-86.934199	56175.64	56243	7.02	56182.66	56158.90234	56156.79797	56121.43750	504828.3	5409630.6
L4830.0	504828.2	5409632.2	7806.00000	255.75	13.61	48.839645	-86.934199	56175.53	56243	7.02	56182.55	56158.67578	56156.81344	56121.41016	504828.2	5409632.2
L4830.0	504828.2	5409632.2	7806.10010	252.79	13.33	48.839645	-86.934199	56175.26	56243	7.02	56182.28	56158.28906	56156.85696	56121.41016	504828.2	5409632.2
L4830.0	504828.2	5409633.1	7806.20020	254.77	13.33	48.839653	-86.934200	56174.32	56243	7.02	56181.35	56157.25000	56156.96185	56121.47656	504828.2	5409633.1
L4830.0	504828.2	5409634.6	7806.29981	255.06	12.53	48.839667	-86.934200	56173.22	56243	7.02	56180.24	56156.03516	56157.09476	56121.57031	504828.2	5409634.6
L4830.0	504828.2	5409635.9	7806.39990	254.88	11.63	48.839678	-86.934200	56173.11	56243	7.02	56180.13	56155.82031	56157.17942	56121.62109	504828.2	5409635.9
L4830.0	504828.2	5409635.9	7806.50000	255.48	11.63	48.839678	-86.934200	56172.40	56243	7.02	56179.43	56155.02344	56157.31483	56121.72656	504828.2	5409635.9
L4830.0	504828.2	5409637.3	7806.60010	253.77	13.05	48.839690	-86.934200	56170.88	56243	7.03	56177.90	56153.39844	56157.50483	56121.89063	504828.2	5409637.3
L4830.0	504828.2	5409638.5	7806.70020	254.52	13.05	48.839702	-86.934200	56169.77	56243	7.03	56176.80	56152.20313	56157.66906	56122.02734	504828.2	5409638.5
L4830.0	504828.2	5409638.5	7806.79981	258.58	13.39	48.839702	-86.934200	56169.16	56243	7.03	56176.18	56151.49609	56157.80648	56122.14453	504828.2	5409638.5
L4830.0	504828.2	5409640.1	7806.89990	258.11	11.93	48.839716	-86.934200	56168.22	56243	7.03	56175.25	56150.48438	56157.95302	56122.27344	504828.2	5409640.1
L4830.0	504828.2	5409641.3	7807.00000	257.98	11.93	48.839727	-86.934200	56167.50	56243	7.03	56174.53	56149.68359	56158.08217	56122.38672	504828.2	5409641.3
L4830.0	504828.2	5409642.3	7807.10010	258.87	12.32	48.839736	-86.934200	56166.28	56243	7.03	56173.31	56148.38672	56158.21587	56122.50781	504828.2	5409642.3
L4830.0	504828.2	5409643.7	7807.20020	260.95	12.32	48.839748	-86.934200	56165.01	56243	7.03	56172.04	56147.04297	56158.33281	56122.61328	504828.2	5409643.7
L4830.0	504828.2	5409644.9	7807.29981	261.23	8.16	48.839760	-86.934200	56164.18	56243	7.03	56171.21	56146.14453	56158.42128	56122.69531	504828.2	5409644.9
L4830.0	504828.2	5409644.9	7807.39990	260.79	8.16	48.839760	-86.934200	56163.64	56243	7.03	56170.67	56145.54297	56158.48946	56122.75781	504828.2	5409644.9
L4830.0	504828.2	5409646.6	7807.50000	261.18	5.84	48.839774	-86.934200	56162.82	56243	7.02	56169.84	56144.65234	56158.54573	56122.81250	504828.2	5409646.6
L4830.0	504828.2	5409648.1	7807.60010	262.55	14.65	48.839788	-86.934200	56162.79	56243	7.02	56169.81	56144.56641	56158.58197	56122.84766	504828.2	5409648.1
L4830.0	504828.2	5409649.7	7807.70020	263.19	14.65	48.839802	-86.934200	56162.71	56243	7.02	56169.73	56144.43359	56158.60754	56122.87891	504828.2	5409649.7
L4830.0	504828.2	5409649.7	7807.79981	261.75	15.49	48.839802	-86.934200	56162.29	56243	7.02	56169.31	56143.96484	56158.62048	56122.89453	504828.2	5409649.7
L4830.0	504828.2	5409651.3	7807.89990	262.20	15.49	48.839817	-86.934200	56162.10	56243	7.02	56169.12	56143.73438	56158.62100	56122.90625	504828.2	5409651.3
L4830.0	504828.2	5409651.3	7808.00000	260.01	9.17	48.839817	-86.934200	56160.97	56243	7.02	56167.99	56142.56250	56158.60319	56122.89844	504828.2	5409651.3
L4830.0	504828.2	5409652.5	7808.10010	260.45	9.07	48.839828	-86.934199	56161.57	56243	7.02	56168.58	56143.11719	56158.58411	56122.89063	504828.2	5409652.5
L4830.0	504828.2	5409653.7	7808.20020	261.17	9.07	48.839838	-86.934199	56161.20	56243	7.02	56168.22	56142.72656	56158.54896	56122.87109	504828.2	5409653.7
L4830.0	504828.3	5409654.9	7808.29981	259.75	12.06	48.839849	-86.934199	56162.16	56243	7.02	56169.17	56143.64844	56158.51218	56122.85547	504828.3	5409654.9
L4830.0	504828.3	5409656.0	7808.39990	259.39	12.06	48.839859	-86.934199	56163.14	56243	7.02	56170.16	56144.61719	56158.46478	56122.82422	504828.3	5409656.0
L4830.0	504828.3	5409656.0	7808.50000	254.65	8.89	48.839859	-86.934199	56163.63	56243	7.01	56170.64	56145.07813	56158.40430	56122.78906	504828.3	5409656.0
L4830.0	504828.3	5409657.5	7808.60010	254.97	8.89	48.839872	-86.934198	56164.27	56243	7.01	56171.29	56145.71094	56158.33368	56122.74219	504828.3	5409657.5
L4830.0	504828.3	5409658.7	7808.70020	254.73	11.31	48.839883	-86.934198	56164.62	56243	7.01	56171.63	56146.04297	56158.25283	56122.68750	504828.3	5409658.7
L4830.0	504828.3	5409659.8	7808.79981	254.86	15.37	48.839893	-86.934198	56165.54	56243	7.01	56172.56	56146.96484	56158.16056	56122.62500	504828.3	5409659.8
L4830.0	504828.3	5409659.8	7808.89990	254.95	15.37	48.839893	-86.934198	56166.73	56243	7.01	56173.74	56148.14063	56158.05521	56122.54688	504828.3	5409659.8
L4830.0	504828.4	5409660.9	7809.00000	259.09	12.42	48.839903	-86.934197	56167.52	56243	7.01	56174.53	56148.93359	56157.94132	56122.46484	504828.4	5409660.9
L4830.0	504828.4	5409662.0	7809.10010	259.57	12.42	48.839913	-86.934197	56167.92	56243	7.01	56174.93	56149.33984	56157.82277	56122.38281	504828.4	5409662.0
L4830.0	504828.4	5409662.0	7809.20020	258.52	13.59	48.839913	-86.934197	56168.56	56243	7.00	56175.56	56149.97656	56157.69331	56122.28906	504828.4	5409662.0
L4830.0	504828.4	5409663.4	7809.29981	261.02	13.59	48.839925	-86.934197	56168.98	56243	7.00	56175.99	56150.41797	56157.55826	56122.19141	504828.4	5409663.4
L4830.0	504828.4	5409664.5	7809.39990	261.10	15.51	48.839936	-86.934196	56170.20	56243	7.00	56177.19	56151.63672	56157.40146	56122.07422	504828.4	5409664.5
L4830.0	504828.5	5409665.3	7809.50000	259.35	15.33	48.839942	-86.934196	56170.81	56243	7.00	56177.80	56152.26563	56157.24810	56121.96094	504828.5	5409665.3
L4830.0	504828.5	5409666.5	7809.60010	259.89	15.33	48.839953	-86.934196	56170.71	56243	6.99	56177.71	56152.20313	56157.10609	56121.85938	504828.5	5409666.5
L4830.0	504828.5	5409667.6	7809.70020	259.93	13.3	48.839963	-86.934196	56170.81	56243	6.99	56177.79	56152.30859	56156.95689	56121.75391	504828.5	5409667.6
L4830.0	504828.5	5409667.6	7809.79981	261.13	13.3	48.839963	-86.934196	56171.04	56243	6.99	56178.02	56152.57031	56156.80427	56121.64844	504828.5	5409667.6
L4830.0	504828.5	5409668.7	7809.89990	260.77	10.52	48.839973	-86.934195	56171.04	56243	6.98	56178.02	56152.60547	56156.65481	56121.54297	504828.5	5409668.7
L4830.0	504828.5	5409669.7	7810.00000	258.72	10.52	48.839982	-86.934195	56170.56	56243	6.98	56177.54	56152.16406	56156.51585	56121.45313	504828.5	5409669.7
L4830.0	504828.5	5409669.7	7810.10010	258.68	10.96	48.839982	-86.934195	56170.60	56243	6.98	56177.58	56152.24609	56156.35479	56121.33984	504828.5	5409669.7
L4830.0	504828.5	5409670.6	7810.20020	257.56	4.55	48.839990	-86.934195	56170.47	56243	6.98	56177.45	56152.16406	56156.19482	56121.23047	504828.5	5409670.6
L4830.0	504828.5	5409671.4	7810.29981	257.08	2.76	48.839998	-86.934195	56170.48	56243	6.98	56177.46	56152.22266	56156.02488	56121.10938	504828.5	5409671.4
L4830.0	504828.5	5409672.4	7810.39990	256.73	2.76	48.840007	-86.934195	56169.71	56243	6.98	56176.69	56151.50391	56155.88189	56121.01953	504828.5	5409672.4
L4830.0	504828.5	5409673.2	7810.50000	258.01	8.93	48.840014	-86.934195	56169.42	56243	6.98	56176.40	56151.26953	56155.71541	56120.90625	504828.5	5409673.2
L4830.0	504828.5	5409674.4	7810.60010	256.85	8.93	48.840025	-86.934195	56169.04	56243	6.98	56176.02	56150.94922	56155.54819	56120.78906	504828.5	5409674.4
L4830.0	504828.5	5409674.4	7810.70020	259.76	15.52	48.840025	-86.934195	56168.81	56243	6.98	56175.79	56150.78125	56155.36905	56120.66406	504828.5	5409674.4
L4830.0	504828.5	5409675.3	7810.79981	257.13	15.52	48.840033	-86.934195	56168.33	56243	6.98	56175.31	56150.36719	56155.19520	56120.54688	504828.5	5409675.3
L4830.0	504828.5	5409676.0	7810.89990	256.00	14.51	48.840039	-86.934195	56167.94	56243	6.98	56174.92	56150.04688	56155.01122	56120.41797	504828.5	5409676.0
L4830.0	504828.6	5409677.1	7811.00000	256.88	14.51	48.840049	-86.934195	56166.84	56243	6.98	56173.82	56149.01953	56154.85663	56120.32031	504828.6	5409677.1
L4830.0	504828.6	5409677.1	7811.10010	256.45	14.84	48.840049	-86.934195	56166.33	56243	6.98	56173.31	56148.58203	56154.66779	56120.18750	504828.6	5409677.1
L4830.0	504828.6	5409678.0	7811.20020	253.61	14.84	48.840057	-86.934195	56165.95	56243	6.98	56172.93	56148.28125	56154.46538	56120.04297	504828.6	5409678.0
L4830.0	504828.6	5409678.9	7811.29981	252.86	14.97	48.840065	-86.934195	56165.06	56243	6.98	56172.04	56147.47266	56154.28298	56119.91797	504828.6	5409678.9
L4830.0	504828.6	5409678.9	7811.39990	252.52	13.79	48.840065	-86.934195	56164.73	56243	6.98	56171.71	56147.22266	56154.06368	56119.75781	504828.6	5409678.9
L4830.0	504828.6	5409679.8	7811.50000	254.41	13.79	48.840073	-86.934195	56163.40	56243	6.98	56170.37	56145.96875	56153.89677	56119.64844	504828.6	5409679.8
L4830.0	504828.6	5409680.7	7811.60010	261.76	15.32	48.840081	-86.934194	56162.96	56243	6.97	56169.94	56145.62891	56153.67214	56119.48047	504828.6	5409680.7
L4830.0	504828.6	5409680.7	7811.70020	261.79	15.32	48.840081	-86.934194	56162.33	56243	6.97	56169.31	56145.08984	56153.45508	56119.32422	504828.6	5409680.7
L4830.0	504828.6	5409681.7	7811.79981	258.61	15.77	48.840090	-86.934194	56161.66	56243	6.97	56168.63	56144.50391	56153.23847	56119.16406	504828.6	5409681.7
L4830.0	504828.6	5409682.4	7811.89990	258.25	15.77	48.840097	-86.934194	56160.96	56243	6.97	56167.93	56143.89844	56153.03472	56119.01953	504828.6	5409682.4
L4830.0	504828.6	5409683.1	7812.00000	258.97	17.56	48.840103	-86.934194	56160.06	56243	6.97	56167.03	56143.09766	56152.85779	56118.90234	504828.6	5409683.1
L4830.0	504828.6	5409683.1	7812.10010	257.65	17.56	48.840103	-86.934194	56159.05	56243	6.97	56166.02	56142.18750	56152.68399	56118.78906	504828.6	5409683.1
L4830.0	504828.6	5409684.1	7812.20020	256.70	16.28	48.840112	-86.934194	56158.98	56243	6.97	56165.95	56142.22266	56152.44356	56118.60547	504828.6	5409684.1
L4830.0	504828.6	5409684.9	7812.29981	255.50	16.28	48.840119	-86.934194	56157.30	56243	6.97	56164.27	56140.64453	56152.30676	56118.52734	504828.6	5409684.9
L4830.0	504828.6	5409685.5	7812.39990	254.16	12.05	48.840125	-86.934194	56157.50	56243	6.97	56164.47	56140.95313	56152.04118	56118.32031	504828.6	5409685.5
L4830.0	504828.6	5409686.3	7812.50000	259.46	12.05	48.840132	-86.934194	56155.86	56243	6.97	56162.83	56139.42188	56151.89510	56118.23438	504828.6	5409686.3

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4830.0	504828.6	5409686.3	7812.60010	254.70	14.51	48.840132	-86.934194	56155.00	56243	6.97	56161.97	56138.67578	56151.69412	56118.09375	504828.6	5409686.3
L4830.0	504828.6	5409686.9	7812.70020	255.99	12.67	48.840137	-86.934194	56154.34	56243	6.97	56161.31	56138.12891	56151.47719	56117.93359	504828.6	5409686.9
L4830.0	504828.6	5409686.9	7812.79981	254.98	12.67	48.840137	-86.934194	56154.06	56243	6.97	56161.03	56137.96094	56151.23258	56117.74609	504828.6	5409686.9
L4830.0	504828.6	5409687.8	7812.89990	255.93	12.03	48.840145	-86.934194	56152.75	56243	6.97	56159.72	56136.76953	56151.05459	56117.62500	504828.6	5409687.8
L4830.0	504828.6	5409688.4	7813.00000	255.68	15.58	48.840150	-86.934194	56151.81	56243	6.97	56158.78	56135.94922	56150.85016	56117.48047	504828.6	5409688.4
L4830.0	504828.6	5409688.9	7813.10010	255.93	15.58	48.840155	-86.934194	56151.61	56243	6.97	56158.58	56135.86719	56150.59491	56117.28125	504828.6	5409688.9
L4830.0	504828.6	5409688.9	7813.20020	257.09	17.75	48.840155	-86.934194	56149.81	56243	6.97	56156.78	56134.19141	56150.44514	56117.18750	504828.6	5409688.9
L4830.0	504828.6	5409689.4	7813.29981	257.74	17.75	48.840160	-86.934194	56149.18	56243	6.97	56156.15	56133.68359	56150.21646	56117.01563	504828.6	5409689.4
L4830.0	504828.6	5409690.0	7813.39990	258.09	17.03	48.840165	-86.934194	56148.77	56243	6.97	56155.75	56133.40625	56149.97183	56116.82813	504828.6	5409690.0
L4830.0	504828.6	5409690.4	7813.50000	257.55	17.03	48.840169	-86.934194	56147.56	56243	6.98	56154.53	56132.31250	56149.78153	56116.69531	504828.6	5409690.4
L4830.0	504828.6	5409691.0	7813.60010	259.86	17.23	48.840174	-86.934194	56146.73	56243	6.98	56153.70	56131.61328	56149.56518	56116.53516	504828.6	5409691.0
L4830.0	504828.6	5409691.4	7813.70020	257.33	15.83	48.840177	-86.934194	56146.02	56243	6.98	56153.00	56131.04297	56149.34039	56116.36328	504828.6	5409691.4
L4830.0	504828.6	5409692.0	7813.79981	257.97	15.83	48.840183	-86.934194	56145.11	56243	6.98	56152.08	56130.25000	56149.13077	56116.20703	504828.6	5409692.0
L4830.0	504828.6	5409692.0	7813.89990	257.07	14.64	48.840183	-86.934194	56144.45	56243	6.98	56151.43	56129.73438	56148.90393	56116.03516	504828.6	5409692.0
L4830.0	504828.6	5409692.6	7814.00000	257.98	14.64	48.840188	-86.934194	56143.45	56243	6.98	56150.43	56128.86719	56148.70145	56115.88672	504828.6	5409692.6
L4830.0	504828.6	5409693.1	7814.10010	257.40	16.32	48.840192	-86.934194	56142.86	56243	6.98	56149.83	56128.39844	56148.47362	56115.71094	504828.6	5409693.1
L4830.0	504828.6	5409693.6	7814.20020	257.07	16.32	48.840197	-86.934194	56142.13	56243	6.97	56149.10	56127.80469	56148.25600	56115.54688	504828.6	5409693.6
L4830.0	504828.6	5409694.1	7814.29981	255.75	9.75	48.840202	-86.934194	56141.18	56243	6.97	56148.15	56126.99219	56148.05486	56115.39844	504828.6	5409694.1
L4830.0	504828.6	5409694.1	7814.39990	251.64	8.52	48.840202	-86.934194	56140.53	56243	6.97	56147.50	56126.47656	56147.83577	56115.23047	504828.6	5409694.1
L4830.0	504828.6	5409694.4	7814.50000	250.02	8.52	48.840205	-86.934194	56139.92	56243	6.96	56146.88	56125.99609	56147.61695	56115.06250	504828.6	5409694.4
L4830.0	504828.6	5409694.8	7814.60010	250.37	13.51	48.840208	-86.934194	56138.89	56243	6.96	56145.85	56125.10547	56147.42798	56114.92578	504828.6	5409694.8
L4830.0	504828.6	5409694.8	7814.70020	250.48	7.76	48.840208	-86.934194	56138.45	56243	6.96	56145.40	56124.79297	56147.20306	56114.75000	504828.6	5409694.8
L4830.0	504828.6	5409695.3	7814.79981	249.14	13.65	48.840212	-86.934194	56137.77	56243	6.96	56144.73	56124.26563	56146.99574	56114.59375	504828.6	5409695.3
L4830.0	504828.6	5409695.6	7814.89990	251.39	13.65	48.840215	-86.934194	56137.32	56243	6.95	56144.27	56123.94531	56146.77756	56114.42578	504828.6	5409695.6
L4830.0	504828.6	5409696.0	7815.00000	252.85	15.57	48.840219	-86.934194	56136.38	56243.1	6.95	56143.33	56123.14844	56146.59469	56114.29297	504828.6	5409696.0
L4830.0	504828.6	5409696.0	7815.10010	253.43	17.02	48.840219	-86.934194	56135.98	56243.1	6.95	56142.93	56122.89063	56146.37933	56114.12500	504828.6	5409696.0
L4830.0	504828.6	5409696.4	7815.20020	253.99	17.02	48.840222	-86.934194	56135.16	56243.1	6.95	56142.11	56122.21484	56146.19565	56113.98828	504828.6	5409696.4
L4830.0	504828.6	5409696.6	7815.29981	255.15	16.9	48.840224	-86.934194	56134.51	56243.1	6.95	56141.46	56121.70703	56146.00446	56113.84375	504828.6	5409696.6
L4830.0	504828.6	5409696.9	7815.39990	257.16	16.9	48.840227	-86.934194	56134.20	56243.1	6.95	56141.15	56121.54297	56145.79459	56113.68359	504828.6	5409696.9
L4830.0	504828.6	5409696.9	7815.50000	257.13	18.46	48.840227	-86.934194	56133.50	56243.1	6.95	56140.45	56120.98828	56145.61485	56113.55078	504828.6	5409696.9
L4830.0	504828.6	5409697.2	7815.60010	260.29	16.04	48.840230	-86.934194	56133.24	56243.1	6.95	56140.19	56120.87500	56145.41001	56113.39063	504828.6	5409697.2
L4830.0	504828.6	5409697.5	7815.70020	259.65	16.04	48.840232	-86.934194	56132.52	56243.1	6.95	56139.47	56120.30078	56145.24021	56113.26953	504828.6	5409697.5
L4830.0	504828.6	5409697.7	7815.79981	257.90	16.04	48.840234	-86.934194	56132.05	56243.1	6.95	56139.00	56119.97656	56145.05822	56113.13281	504828.6	5409697.7
L4830.0	504828.6	5409697.9	7815.89990	259.31	15.85	48.840236	-86.934194	56131.47	56243.1	6.95	56138.42	56119.54297	56144.88812	56113.00781	504828.6	5409697.9
L4830.0	504828.6	5409698.0	7816.00000	261.13	16.5	48.840237	-86.934194	56131.35	56243.1	6.95	56138.30	56119.57031	56144.69200	56112.85938	504828.6	5409698.0
L4830.0	504828.6	5409698.2	7816.10010	258.36	16.54	48.840239	-86.934194	56131.16	56243.1	6.95	56138.11	56119.52734	56144.50527	56112.71875	504828.6	5409698.2
L4830.0	504828.6	5409698.4	7816.20020	259.27	16.54	48.840241	-86.934194	56130.33	56243.1	6.95	56137.28	56118.84375	56144.36599	56112.62500	504828.6	5409698.4
L4830.0	504828.6	5409698.6	7816.29981	260.46	17.04	48.840242	-86.934194	56130.43	56243.1	6.95	56137.38	56119.09375	56144.16954	56112.47266	504828.6	5409698.6
L4830.0	504828.6	5409698.7	7816.39990	257.82	11.8	48.840243	-86.934194	56130.16	56243.1	6.95	56137.11	56118.96875	56143.99836	56112.34375	504828.6	5409698.7
L4830.0	504828.6	5409698.8	7816.50000	257.17	11.8	48.840244	-86.934194	56130.18	56243.1	6.95	56137.13	56119.14063	56143.81551	56112.20703	504828.6	5409698.8
L4830.0	504828.6	5409698.9	7816.60010	258.21	9.32	48.840245	-86.934194	56130.06	56243.1	6.95	56137.01	56119.16797	56143.65355	56112.08984	504828.6	5409698.9
L4830.0	504828.6	5409698.9	7816.70020	257.40	9.07	48.840245	-86.934194	56129.80	56243.1	6.95	56136.75	56119.05469	56143.50135	56111.98047	504828.6	5409698.9
L4830.0	504828.6	5409699.0	7816.79981	257.51	7.96	48.840246	-86.934194	56129.61	56243.1	6.95	56136.56	56119.01563	56143.34877	56111.87500	504828.6	5409699.0
L4830.0	504828.6	5409699.1	7816.89990	257.25	7.93	48.840247	-86.934194	56128.36	56243.1	6.95	56135.31	56117.91406	56143.27177	56111.83984	504828.6	5409699.1
L4870.0	504870.7	5411487.5	42898.60156	413.36	0	48.856335	-86.933599	56722.38	56237.5	12.53	56734.90	56724.14063	56848.51056	56808.96875	504870.7	5411487.5
L4870.0	504870.7	5411487.3	42898.69922	413.40	0	48.856333	-86.933599	56721.49	56237.5	12.52	56734.01	56723.32422	56845.73045	56806.75000	504870.7	5411487.3
L4870.0	504870.7	5411487.1	42898.80078	414.66	0	48.856331	-86.933598	56720.48	56237.5	12.52	56733.00	56722.38672	56840.46800	56802.05078	504870.7	5411487.1
L4870.0	504870.7	5411487.1	42898.89844	411.37	0	48.856331	-86.933598	56719.56	56237.5	12.51	56732.07	56721.52734	56837.60068	56799.75000	504870.7	5411487.1
L4870.0	504870.8	5411486.8	42899.00000	411.18	0	48.856328	-86.933598	56718.59	56237.5	12.51	56731.10	56720.63281	56834.20911	56796.92188	504870.8	5411486.8
L4870.0	504870.8	5411486.5	42899.10156	412.96	0	48.856326	-86.933598	56718.07	56237.5	12.51	56730.58	56720.18359	56842.23517	56805.50781	504870.8	5411486.5
L4870.0	504870.7	5411486.3	42899.19922	412.83	0	48.856323	-86.933598	56717.20	56237.5	12.51	56729.71	56719.38672	56842.19114	56806.02344	504870.7	5411486.3
L4870.0	504870.7	5411486.3	42899.30078	411.77	0	48.856323	-86.933598	56716.21	56237.5	12.52	56728.72	56718.46875	56839.68328	56804.07813	504870.7	5411486.3
L4870.0	504870.7	5411485.9	42899.39844	411.51	0	48.856320	-86.933599	56714.98	56237.5	12.52	56727.50	56717.32031	56832.03367	56796.98828	504870.7	5411485.9
L4870.0	504870.6	5411485.5	42899.50000	413.74	0	48.856317	-86.933600	56714.18	56237.5	12.52	56726.70	56716.59375	56835.08020	56800.59766	504870.6	5411485.5
L4870.0	504870.6	5411485.2	42899.60156	415.70	0	48.856313	-86.933601	56713.41	56237.5	12.52	56725.94	56715.90625	56839.56562	56805.64063	504870.6	5411485.2
L4870.0	504870.6	5411485.2	42899.69922	415.51	0	48.856313	-86.933601	56712.45	56237.5	12.52	56724.98	56715.01563	56839.64307	56806.27344	504870.6	5411485.2
L4870.0	504870.5	5411484.8	42899.80078	415.78	0	48.856311	-86.933602	56711.20	56237.5	12.53	56723.72	56713.82813	56832.87597	56800.06250	504870.5	5411484.8
L4870.0	504870.4	5411484.5	42899.89844	415.31	0	48.856308	-86.933603	56709.70	56237.5	12.53	56722.23	56712.40625	56820.96902	56788.71484	504870.4	5411484.5
L4870.0	504870.3	5411484.1	42899.89844	415.31	0	48.856304	-86.933604	56708.44	56237.5	12.53	56720.97	56711.21875	56815.12814	56783.42969	504870.3	5411484.1
L4870.0	504870.3	5411484.1	42900.10156	417.21	0	48.856304	-86.933604	56707.18	56237.5	12.53	56719.72	56710.03906	56809.99141	56778.84375	504870.3	5411484.1
L4870.0	504870.2	5411483.6	42900.19922	414.77	0	48.856300	-86.933605	56705.82	56237.5	12.53	56718.35	56708.73828	56802.38904	56771.78906	504870.2	5411483.6
L4870.0	504870.2	5411483.2	42900.30078	415.74	0	48.856296	-86.933606	56704.49	56237.5	12.54	56717.03	56707.48438	56796.45980	56766.41016	504870.2	5411483.2
L4870.0	504870.2	5411483.2	42900.39844	417.24	0	48.856296	-86.933606	56703.21	56237.5	12.54	56715.75	56706.27344	56791.95639	56762.45703	504870.2	5411483.2
L4870.0	504870.1	5411482.8	42900.50000	414.15	0	48.856292	-86.933607	56701.65	56237.5	12.54	56714.19	56704.78125	56781.07824	56752.12500	504870.1	5411482.8
L4870.0	504870.0	5411482.2	42900.60156	412.39	0	48.856287	-86.933609	56700.40	56237.5	12.54	56712.94	56703.59766	56778.19512	56749.78906	504870.0	5411482.2
L4870.0	504869.9	5411481.8	42900.69922	414.35	0	48.856283	-86.933610	56698.68	56237.5	12.54	56711.22	56701.94531	56764.29808	56736.43359	504869.9	5411481.8
L4870.0	504869.9	5411481.8	42900.80078	415.73	0	48.856283	-86.933610	56696.93	56237.5	12.55	56709.48	56700.27344	56750.34487	56723.01953	504869.9	5411481.8
L4870.0	504869.8	5411481.3	42900.89844	412.66	0	48.856279	-86.933611	56695.15	56237.5	12.55	56707.70	56698.55859	56735.84181	56709.05469	504869.8	5411481.3
L4870.0	504869.8	5411481.3	42901.00000	415.48	0	48.856279	-86.933611	56693.64	56237.4	12.55	56706.19	56697.11328	56728.33469	56702.08594	504869.8	5411481.3
L4870.0	504869.7	5411480.7	42901.10156	415.57	0	48.856273	-86.933613	56692.47	56237.4	12.55	56705.02	56696.00781	56729.52151	56703.80469	504869.7	5411480.7
L4870.0	504869.6	5411480.0	42901.19922	413.48	0	48.856267	-86.933614	56691.04	56237.4	12.55	56703.59	56694.64063	56724.77614	56699.59375	504869.6	5411480.0
L4870.0	504869.5	5411479.3	42901.30078	414.79	0	48.856261	-86.933616	56689.48	56237.4	12.55	56702.03	56693.14063	56717.25737	56692.60156	504869.5	5411479.3
L4870.0	504869.4	5411478.7	42901.39844	420.06	0	48.856255	-86.933617	56688.13	56237.4	12.55	56700.68	56691.85547	56715.23992	56691.11328	504869.4	5411478.7
L4870.0	504869.4	5411478.7	42901.50000	418.73	0	48.856255	-86.933617	56686.55	56237.4	12.55	56699.10	56690.33594	56707.99439	56684.39453	504869.4	5411478.7
L4870.0	504869.3	5411478.0	42901.60156	418.69	0	48.856249	-86.933618	56684.62	56237.4	12.55	56697.17	56688.46484	56692.58727	56669.50781	504869.3	5411478.0
L4870.0	504869.3	5411477.5	42901.69922	417.88	0	48.856244	-86.933619	56683.07	56237.4	12.55	56695.62	56686.97656	56686.79371	56664.23047	504869.3	5411477.5
L4870.0	504869.3	5411477.5	42901.80078	417.98	0	48.856244	-86.933619	56681.84	56237.4	12.55	56694.39	56685.80469	56689.14119	56667.09766	504869.3	5411477.5
L4870.0	504869.2	5411476.7	42901.89844	418.13	0	48.856237	-86.933620	56680.47	56237.4	12.55	56693.02	56684.49219	56688.41129	56666.88281	504869.2	5411476.7
L4870.0	504869.1	5411476.1	42901.89844	418.13	0	48.856232	-86.933620	56678.73	56237.4	12.55	56691.28	56682.80859	56678.98887	56657.96875	504869.1	5411476.1
L4870.0	504869.1	5411475.4	42902.10156	415.70	0	48.856226	-86.933621	56676.88	56237.4	12.55	56689.44	56681.02734	56667.44021	56646.92969	504869.1	5411475.4
L4870.0	504869.1	5411475.4	42902.19922	415.23	0	48.856226	-86.933621	56675.38	56237.4	12.56	56687.94	56679.58203	56664.47305	56644.46484	504869.1	5411475.4
L4870.0	504869.1	5411474.7	42902.30078	413.71	0	48.856219	-86.933621	56673.95	56237.4	12.56	56686.50	56678.19531	56663.25298	56643.74609	504869.1	5411474.7
L4870.0	504869.1	5411473.7	42902.39844	416.34	0	48.856210	-86.933621	56672.48	56237.4	12.56	56685.04	56676.78906	56661.81799	56642.81250	504869.1	5411473.7
L4870.0	504869.1	5411473.2	42902.50000	415.87	0	48.856206	-86.933620	56670.91	56237.4	12.57	56683.48	56675.28125	56658.20577	56639.69531	504869.1	5411473.2
L4870.0	504869.1	5411473.2	42902.60156	415.82	0	48.856206	-86.933620	56669.95	56237.4	12.57	56682.52	56674.37500	56669.45734	56651.43750	504869.1	5411473.2
L4870.0	504869.2	5411472.3	42902.69922	416.28	0	48.856198	-86.933620	56668.84	56237.4	12.57	56681.41	56673.31250	56677.28619	56659.75391	504869.2	5411472.3
L4870.0	504869.2	5411471.6	42902.80078	416.66	0	48.856192	-86.933619	56667.31	56237.4	12.57	56679.88	56671.83203	56675.10012	56658.05469	504869.2	5411471.6
L4870.0	504869.2	5411471.6	42902.89844	416.16	0	48.856192	-86.933619	56665.98	56237.4	12.58	56678.55	56670.55469	56677.99030	56661.42969	504869.2	5411471.6
L4870.0	504869.3	5411470.7	42903.00000	414.44	0	48.856184	-86.933618	56663.82	56237.4	12.58	56676.40	56668.44922	56661.09134	56645.00781	504869.3	5411470.7
L4870.0	504869.4	5411470.0	42903.10156	414.56	0	48.856177	-86.933617	56662.48	56237.4	12.58	56675.07	56667.16797	56664.34491	56648.73828	504869.4	5411470.0
L4870.0	504869.4	5411470.0	42903.19922	413.84	0	48.856177	-86.933617	56660.93	56237.4	12.59	56673.52	56665.66406	56662.39795	56647.26172	504869.4	5411470.0
L4870.0	504869.4	5411469.2	42903.30078	414.93	0	48.856170	-86.933617	56659.82	56237.4	12.60	56672.42	56664.60938	56671.55906	56656.89063	504869.4	5411469.2
L4870.0	504869.5	5411468.6	42903.39844	416.61	0	48.856165	-86.933616	56658.26	56237.4	12.60	56670.86	56663.09375	56669.64216	56655.43750	504869.5	5411468.6

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4870.0	504869.5	5411467.8	42903.50000	417.19	0	48.856157	-86.933615	56656.77	56237.4	12.60	56669.38	56661.65625	56669.78828	56656.04688	504869.5	5411467.8
L4870.0	504869.6	5411467.0	42903.60156	417.33	0	48.856150	-86.933614	56655.07	56237.4	12.61	56667.68	56659.99609	56664.67290	56651.38672	504869.6	5411467.0
L4870.0	504869.6	5411467.0	42903.69922	418.91	0	48.856150	-86.933614	56653.12	56237.4	12.61	56665.74	56658.09766	56653.79322	56640.96094	504869.6	5411467.0
L4870.0	504869.7	5411466.1	42903.80078	416.68	0	48.856142	-86.933613	56651.84	56237.4	12.62	56664.46	56656.85938	56659.06089	56646.67969	504869.7	5411466.1
L4870.0	504869.7	5411465.4	42903.89844	413.66	0	48.856135	-86.933612	56649.96	56237.4	12.63	56662.59	56655.02734	56650.00568	56638.07031	504869.7	5411465.4
L4870.0	504869.8	5411464.5	42903.89844	413.66	0	48.856128	-86.933611	56648.54	56237.4	12.63	56661.17	56653.64453	56651.95001	56640.45703	504869.8	5411464.5
L4870.0	504869.8	5411464.5	42904.10156	413.48	0	48.856128	-86.933611	56646.92	56237.4	12.63	56659.55	56652.06250	56649.04176	56637.98438	504869.8	5411464.5
L4870.0	504869.9	5411463.2	42904.19922	414.53	0	48.856116	-86.933610	56645.71	56237.4	12.64	56658.35	56650.89844	56656.37055	56645.74609	504869.9	5411463.2
L4870.0	504869.9	5411462.4	42904.30078	415.04	0	48.856109	-86.933609	56643.75	56237.4	12.64	56656.39	56648.97266	56645.17148	56634.98047	504869.9	5411462.4
L4870.0	504869.9	5411462.4	42904.39844	415.34	0	48.856109	-86.933609	56642.29	56237.4	12.65	56654.93	56647.54688	56646.12690	56636.35938	504869.9	5411462.4
L4870.0	504870.0	5411461.2	42904.50000	413.23	0	48.856098	-86.933608	56640.66	56237.4	12.65	56653.31	56645.96094	56643.14099	56633.79688	504870.0	5411461.2
L4870.0	504870.0	5411461.2	42904.60156	413.29	0	48.856098	-86.933608	56638.95	56237.3	12.65	56651.61	56644.28906	56638.14706	56629.21875	504870.0	5411461.2
L4870.0	504870.1	5411460.0	42904.69922	412.33	0	48.856088	-86.933607	56637.12	56237.3	12.66	56649.77	56642.48047	56629.66752	56621.15234	504870.1	5411460.0
L4870.0	504870.2	5411459.0	42904.80078	412.02	0	48.856078	-86.933606	56634.97	56237.3	12.66	56647.63	56640.37109	56613.78849	56605.68359	504870.2	5411459.0
L4870.0	504870.2	5411458.2	42904.89844	410.29	0	48.856071	-86.933606	56633.36	56237.3	12.67	56646.02	56638.78906	56610.71611	56603.01563	504870.2	5411458.2
L4870.0	504870.2	5411458.2	42905.00000	410.41	0	48.856071	-86.933606	56631.70	56237.3	12.67	56644.37	56637.16797	56606.54751	56599.25000	504870.2	5411458.2
L4870.0	504870.3	5411457.3	42905.10156	411.83	0	48.856063	-86.933605	56630.45	56237.3	12.67	56643.12	56635.94531	56611.98718	56605.08594	504870.3	5411457.3
L4870.0	504870.3	5411456.5	42905.19922	414.05	0	48.856056	-86.933604	56628.95	56237.3	12.67	56641.62	56634.47266	56611.18330	56604.67578	504870.3	5411456.5
L4870.0	504870.4	5411455.7	42905.30078	413.06	0	48.856049	-86.933604	56627.50	56237.3	12.68	56640.17	56633.04688	56611.42963	56605.30859	504870.4	5411455.7
L4870.0	504870.4	5411455.7	42905.39844	414.10	0	48.856049	-86.933604	56625.78	56237.3	12.68	56638.46	56631.36328	56605.15817	56599.42188	504870.4	5411455.7
L4870.0	504870.5	5411453.7	42905.50000	414.15	0	48.856030	-86.933602	56624.31	56237.3	12.68	56636.99	56629.91406	56604.53558	56599.17969	504870.5	5411453.7
L4870.0	504870.5	5411453.7	42905.60156	416.28	0	48.856030	-86.933602	56622.56	56237.3	12.68	56635.25	56628.19922	56597.12139	56592.14063	504870.5	5411453.7
L4870.0	504870.5	5411452.8	42905.69922	416.09	0	48.856022	-86.933601	56621.03	56237.3	12.68	56633.71	56626.67969	56594.35157	56589.74219	504870.5	5411452.8
L4870.0	504870.5	5411452.8	42905.80078	415.05	0	48.856022	-86.933601	56619.43	56237.3	12.69	56632.12	56625.10938	56590.12042	56585.87891	504870.5	5411452.8
L4870.0	504870.6	5411451.8	42905.89844	410.96	0	48.856013	-86.933601	56617.56	56237.3	12.69	56630.25	56623.26172	56578.80963	56574.92969	504870.6	5411451.8
L4870.0	504870.7	5411450.9	42905.89844	410.96	0	48.856005	-86.933600	56615.88	56237.3	12.69	56628.56	56621.58984	56571.61193	56568.08594	504870.7	5411450.9
L4870.0	504870.7	5411450.9	42906.10156	411.17	0	48.856005	-86.933600	56614.12	56237.3	12.69	56626.82	56619.86719	56562.90929	56559.73828	504870.7	5411450.9
L4870.0	504870.7	5411449.6	42906.19922	409.83	0	48.855993	-86.933599	56612.62	56237.3	12.70	56625.32	56618.38281	56559.75292	56556.92969	504870.7	5411449.6
L4870.0	504870.8	5411448.6	42906.30078	414.06	0	48.855985	-86.933598	56611.16	56237.3	12.71	56623.87	56616.95313	56557.49961	56555.02344	504870.8	5411448.6
L4870.0	504870.8	5411448.6	42906.39844	409.60	0	48.855985	-86.933598	56610.04	56237.3	12.71	56622.75	56615.84766	56562.95723	56560.82031	504870.8	5411448.6
L4870.0	504870.9	5411447.0	42906.50000	411.43	0	48.855970	-86.933597	56608.48	56237.3	12.71	56621.19	56614.30078	56557.35199	56555.55078	504870.9	5411447.0
L4870.0	504870.9	5411446.2	42906.60156	415.85	0	48.855963	-86.933597	56606.92	56237.3	12.72	56619.64	56612.76563	56551.63389	56550.16406	504870.9	5411446.2
L4870.0	504870.9	5411445.2	42906.69922	411.54	0	48.855954	-86.933596	56605.18	56237.3	12.72	56617.91	56611.05078	56541.16035	56540.01563	504870.9	5411445.2
L4870.0	504870.9	5411445.2	42906.80078	413.42	0	48.855954	-86.933596	56603.96	56237.3	12.73	56616.69	56609.84375	56542.72898	56541.90625	504870.9	5411445.2
L4870.0	504871.0	5411444.1	42906.89844	414.10	0	48.855944	-86.933596	56602.97	56237.3	12.74	56615.71	56608.87500	56549.74846	56549.24609	504871.0	5411444.1
L4870.0	504871.0	5411442.8	42907.00000	416.93	0	48.855932	-86.933595	56601.61	56237.3	12.74	56614.35	56607.52734	56547.10037	56546.91016	504871.0	5411442.8
L4870.0	504871.0	5411442.8	42907.10156	415.00	0	48.855932	-86.933595	56600.41	56237.3	12.74	56613.15	56606.33984	56547.92830	56548.04688	504871.0	5411442.8
L4870.0	504871.1	5411441.6	42907.19922	412.99	0	48.855922	-86.933595	56598.48	56237.3	12.74	56611.22	56604.42188	56530.53601	56530.95703	504871.1	5411441.6
L4870.0	504871.1	5411440.8	42907.30078	409.75	0	48.855914	-86.933594	56597.02	56237.3	12.74	56609.76	56602.96875	56524.14744	56524.87109	504871.1	5411440.8
L4870.0	504871.1	5411440.8	42907.39844	411.40	0	48.855914	-86.933594	56595.61	56237.3	12.74	56608.35	56601.57031	56518.51762	56519.53516	504871.1	5411440.8
L4870.0	504871.1	5411439.6	42907.50000	415.00	0	48.855903	-86.933594	56594.68	56237.3	12.74	56607.42	56600.64844	56524.11087	56525.41797	504871.1	5411439.6
L4870.0	504871.1	5411438.3	42907.60156	412.47	0	48.855892	-86.933594	56593.50	56237.3	12.74	56606.24	56599.47656	56523.12992	56524.72266	504871.1	5411438.3
L4870.0	504871.1	5411437.2	42907.69922	413.67	0	48.855883	-86.933594	56592.39	56237.3	12.74	56605.13	56598.37500	56523.35946	56525.23828	504871.1	5411437.2
L4870.0	504871.1	5411436.4	42907.80078	412.33	0	48.855875	-86.933593	56591.21	56237.3	12.74	56603.95	56597.20313	56521.37715	56523.53125	504871.1	5411436.4
L4870.0	504871.1	5411436.4	42907.89844	411.09	0	48.855875	-86.933593	56589.72	56237.3	12.74	56602.46	56595.71875	56511.32449	56513.75391	504871.1	5411436.4
L4870.0	504871.2	5411435.2	42907.89844	411.09	0	48.855864	-86.933593	56588.60	56237.3	12.74	56601.34	56594.60547	56509.75772	56512.45313	504871.2	5411435.2
L4870.0	504871.2	5411434.2	42908.10156	410.34	0	48.855855	-86.933593	56586.92	56237.3	12.74	56599.66	56592.93359	56494.00785	56496.96875	504871.2	5411434.2
L4870.0	504871.2	5411433.2	42908.19922	408.01	0	48.855846	-86.933593	56585.89	56237.3	12.74	56598.64	56591.91797	56493.78795	56497.00781	504871.2	5411433.2
L4870.0	504871.2	5411432.1	42908.30078	408.87	0	48.855836	-86.933592	56584.56	56237.3	12.75	56597.31	56590.59766	56485.45492	56488.93359	504871.2	5411432.1
L4870.0	504871.2	5411432.1	42908.39844	409.50	0	48.855836	-86.933592	56584.06	56237.3	12.75	56596.81	56590.10156	56496.77318	56500.50391	504871.2	5411432.1
L4870.0	504871.2	5411430.8	42908.50000	408.84	0	48.855825	-86.933592	56583.08	56237.3	12.75	56595.83	56589.12500	56495.81650	56499.78906	504871.2	5411430.8
L4870.0	504871.3	5411429.4	42908.60156	406.13	0	48.855812	-86.933592	56582.09	56237.2	12.75	56594.84	56588.14063	56494.02613	56498.24219	504871.3	5411429.4
L4870.0	504871.3	5411429.4	42908.69922	406.89	0	48.855812	-86.933592	56581.05	56237.2	12.75	56593.80	56587.10547	56490.41814	56494.87500	504871.3	5411429.4
L4870.0	504871.3	5411428.5	42908.80078	406.73	0	48.855804	-86.933592	56579.79	56237.2	12.76	56592.55	56585.86328	56481.08523	56485.77734	504871.3	5411428.5
L4870.0	504871.3	5411427.3	42908.89844	404.64	0	48.855793	-86.933591	56579.03	56237.2	12.76	56591.79	56585.10547	56483.07305	56487.99219	504871.3	5411427.3
L4870.0	504871.3	5411427.3	42909.00000	405.13	0	48.855793	-86.933591	56578.26	56237.2	12.76	56591.02	56584.33984	56484.19120	56489.33594	504871.3	5411427.3
L4870.0	504871.3	5411426.2	42909.10156	405.43	0	48.855783	-86.933591	56577.42	56237.2	12.76	56590.18	56583.50391	56482.96954	56488.33594	504871.3	5411426.2
L4870.0	504871.3	5411424.8	42909.19922	405.05	0	48.855771	-86.933591	56576.43	56237.2	12.77	56589.19	56582.51953	56477.45094	56483.03516	504871.3	5411424.8
L4870.0	504871.3	5411424.8	42909.30078	404.91	0	48.855771	-86.933591	56575.78	56237.2	12.77	56588.55	56581.88281	56479.80948	56485.60938	504871.3	5411424.8
L4870.0	504871.3	5411423.0	42909.39844	406.25	0	48.855754	-86.933591	56574.82	56237.2	12.77	56587.59	56580.92969	56473.71409	56479.71875	504871.3	5411423.0
L4870.0	504871.3	5411423.0	42909.50000	407.38	0	48.855754	-86.933591	56573.87	56237.2	12.78	56586.65	56579.99219	56467.44126	56473.65234	504871.3	5411423.0
L4870.0	504871.4	5411421.9	42909.60156	407.28	0	48.855744	-86.933591	56572.83	56237.2	12.78	56585.61	56578.95703	56458.06056	56464.46875	504871.4	5411421.9
L4870.0	504871.4	5411420.7	42909.69922	410.35	0	48.855734	-86.933591	56572.09	56237.2	12.78	56584.87	56578.22266	56455.31095	56461.91797	504871.4	5411420.7
L4870.0	504871.4	5411420.7	42909.80078	414.05	0	48.855734	-86.933591	56571.40	56237.2	12.78	56584.18	56577.53516	56453.09538	56459.89453	504871.4	5411420.7
L4870.0	504871.4	5411419.8	42909.89844	415.15	0	48.855726	-86.933590	56570.88	56237.2	12.79	56583.67	56577.03125	56454.57530	56461.56250	504871.4	5411419.8
L4870.0	504871.4	5411418.6	42909.89844	415.15	0	48.855715	-86.933590	56570.38	56237.2	12.79	56583.17	56576.53516	56455.60345	56462.77344	504871.4	5411418.6
L4870.0	504871.4	5411417.1	42910.10156	411.78	0	48.855701	-86.933590	56570.07	56237.2	12.79	56582.86	56576.23047	56460.56020	56467.91016	504871.4	5411417.1
L4870.0	504871.4	5411417.1	42910.19922	412.30	0	48.855701	-86.933590	56569.46	56237.2	12.79	56582.25	56575.62500	56457.50264	56465.03125	504871.4	5411417.1
L4870.0	504871.4	5411416.2	42910.30078	414.61	0	48.855693	-86.933591	56569.05	56237.2	12.79	56581.84	56575.22266	56458.60825	56466.31250	504871.4	5411416.2
L4870.0	504871.4	5411414.6	42910.39844	416.66	0	48.855679	-86.933591	56568.28	56237.2	12.79	56581.08	56574.46875	56450.47309	56458.34375	504871.4	5411414.6
L4870.0	504871.4	5411413.5	42910.50000	415.18	0	48.855669	-86.933591	56567.77	56237.2	12.79	56580.56	56573.95313	56447.46813	56455.50000	504871.4	5411413.5
L4870.0	504871.4	5411413.5	42910.60156	415.30	0	48.855669	-86.933591	56567.57	56237.2	12.80	56580.37	56573.76953	56451.78297	56459.97656	504871.4	5411413.5
L4870.0	504871.4	5411412.2	42910.69922	415.85	0	48.855657	-86.933590	56567.26	56237.2	12.80	56580.06	56573.46875	56452.45123	56460.80469	504871.4	5411412.2
L4870.0	504871.4	5411411.1	42910.80078	415.69	0	48.855647	-86.933590	56566.60	56237.2	12.80	56579.40	56572.81641	56443.86698	56452.37500	504871.4	5411411.1
L4870.0	504871.4	5411409.7	42910.89844	413.48	0	48.855635	-86.933590	56566.17	56237.2	12.80	56578.97	56572.39453	56440.15924	56448.81641	504871.4	5411409.7
L4870.0	504871.4	5411409.7	42911.00000	413.49	0	48.855635	-86.933590	56566.34	56237.2	12.80	56579.14	56572.57031	56450.34111	56459.14063	504871.4	5411409.7
L4870.0	504871.4	5411408.5	42911.10156	415.60	0	48.855624	-86.933590	56566.47	56237.2	12.80	56579.27	56572.71094	56458.81889	56467.76172	504871.4	5411408.5
L4870.0	504871.5	5411406.9	42911.19922	415.46	0	48.855610	-86.933589	56566.24	56237.2	12.79	56579.04	56572.48828	56457.79569	56466.87891	504871.5	5411406.9
L4870.0	504871.5	5411406.9	42911.30078	413.78	0	48.855610	-86.933589	56565.66	56237.2	12.79	56578.45	56571.91016	56447.27142	56456.48828	504871.5	5411406.9
L4870.0	504871.5	5411405.9	42911.39844	409.11	0	48.855601	-86.933589	56565.68	56237.2	12.79	56578.47	56571.94141	56450.87921	56460.23047	504871.5	5411405.9
L4870.0	504871.5	5411404.5	42911.50000	408.37	0	48.855588	-86.933588	56565.70	56237.2	12.79	56578.49	56571.97266	56453.75811	56463.23438	504871.5	5411404.5
L4870.0	504871.6	5411403.4	42911.60156	413.61	0	48.855578	-86.933588	56566.04	56237.2	12.78	56578.82	56572.31250	56463.46220	56473.06250	504871.6	5411403.4
L4870.0	504871.6	5411403.4	42911.69922	414.75	0	48.855578	-86.933588	56565.84	56237.2	12.78	56578.61	56572.11719	56459.28424	56469.00781	504871.6	5411403.4
L4870.0	504871.6	5411401.7	42911.80078	416.44	0	48.855563	-86.933587	56565.94	56237.2	12.78	56578.71	56572.22656	56461.93564	56471.77734	504871.6	5411401.7
L4870.0	504871.6	5411400.8	42911.89844	417.77	0	48.855554	-86.933587	56566.09	56237.2	12.77	56578.86	56572.39063	56465.08468	56475.03906	504871.6	5411400.8
L4870.0	504871.6	5411400.8	42911.89844	417.77	0	48.855554	-86.933587	56566.17	56237.2	12.77	56578.94	56572.48438	56465.81105	56475.87500	504871.6	5411400.8
L4870.0	504871.7	5411399.6	42912.10156	414.92	0	48.855544	-86.933587	56566.17	56237.2	12.77	56578.94	56572.50000	56463.87493	56474.04688	504871.7	5411399.6
L4870.0	504871.7	5411398.6	42912.19922	415.74	0	48.855535	-86.933586	56565.98	56237.2	12.77	56578.75	56572.32813	56456.60066	56466.87891	504871.7	5411398.6
L4870.0	504871.7	5411398.6	42912.30078	416.02	0	48.855535	-86.933586	56566.21	56237.2	12.76	56578.97	56572.56250	56458.61125	56468.99219	504871.7	5411398.6
L4870.0	504871.7	5411396.0	42912.39844	417.24	0	48.855511	-86.933586	56566.45	56237.2	12.76	56579.21	56572.82031	56460.41022	56470.89063	504871.7	5411396.0
L4870.0	504871.7	5411396.0	42912.50000	414.00	0	48.855511	-86.933586	56566.88	56237.2	12.76	56579.64	56573.26953	56466.14524	56476.71875	504871.7	5411396.0
L4870.0	504871.8	5411394.6	42912.60156	414.29	0	48.855499	-86.933586	56566.98	56237.2	12.76	56579.74	56573.38672	56463.15358	56473.82031	504871.8	5411394.6
L4870.0	504871.8	5411394.6	42912.69922	413.95	0	48.855499	-86.933586	56567.28	56237.2	12.76	56580.04	56573.70703	56464.35482	56475.11328	504871.8	5411394.6

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4870.0	504871.8	5411392.3	42912.80078	415.02	0	48.855478	-86.933585	56567.16	56237.2	12.75	56579.92	56573.60938	56454.65088	56465.49609	504871.8	5411392.3
L4870.0	504871.8	5411392.3	42912.89844	416.08	0	48.855478	-86.933585	56567.67	56237.2	12.75	56580.42	56574.12891	56459.38779	56470.32031	504871.8	5411392.3
L4870.0	504871.8	5411390.7	42913.00000	415.07	0	48.855464	-86.933585	56568.31	56237.3	12.75	56581.06	56574.79297	56466.87938	56477.89063	504871.8	5411390.7
L4870.0	504871.8	5411388.9	42913.10156	414.83	0	48.855448	-86.933584	56568.95	56237.3	12.75	56581.70	56575.45703	56473.72360	56484.81641	504871.8	5411388.9
L4870.0	504871.8	5411388.9	42913.19922	412.64	0	48.855448	-86.933584	56569.48	56237.3	12.75	56582.23	56576.01172	56477.24978	56488.42188	504871.8	5411388.9
L4870.0	504871.9	5411387.7	42913.30078	413.86	0	48.855437	-86.933584	56569.69	56237.3	12.75	56582.44	56576.24609	56472.35140	56483.59766	504871.9	5411387.7
L4870.0	504871.9	5411386.6	42913.39844	412.59	0	48.855427	-86.933584	56570.12	56237.3	12.75	56582.87	56576.70313	56472.19510	56483.51563	504871.9	5411386.6
L4870.0	504871.9	5411386.6	42913.50000	405.87	0	48.855427	-86.933584	56570.56	56237.3	12.75	56583.31	56577.17188	56471.67531	56483.06641	504871.9	5411386.6
L4870.0	504871.9	5411384.8	42913.60156	404.07	0	48.855411	-86.933584	56571.29	56237.3	12.75	56584.04	56577.92969	56477.62506	56489.08594	504871.9	5411384.8
L4870.0	504871.9	5411383.7	42913.69922	403.99	0	48.855401	-86.933584	56571.98	56237.3	12.75	56584.73	56578.65234	56482.01603	56493.54688	504871.9	5411383.7
L4870.0	504871.9	5411382.4	42913.80078	404.56	0	48.855389	-86.933584	56573.06	56237.3	12.75	56585.81	56579.76172	56495.33671	56506.93359	504871.9	5411382.4
L4870.0	504871.9	5411382.4	42913.89844	405.26	0	48.855389	-86.933584	56573.49	56237.3	12.75	56586.24	56580.22266	56492.26146	56503.92188	504871.9	5411382.4
L4870.0	504871.9	5411381.2	42913.89844	405.26	0	48.855379	-86.933584	56574.02	56237.3	12.75	56586.77	56580.78516	56491.07597	56502.79688	504871.9	5411381.2
L4870.0	504871.9	5411380.2	42914.10156	410.61	0	48.855369	-86.933584	56574.54	56237.3	12.75	56587.29	56581.33984	56489.11362	56500.89844	504871.9	5411380.2
L4870.0	504871.9	5411380.2	42914.19922	412.78	0	48.855369	-86.933584	56574.71	56237.3	12.75	56587.46	56581.54688	56478.10454	56489.94922	504871.9	5411380.2
L4870.0	504871.9	5411378.3	42914.30078	415.00	0	48.855352	-86.933584	56575.91	56237.3	12.75	56588.66	56582.78125	56491.68468	56503.58984	504871.9	5411378.3
L4870.0	504871.9	5411377.1	42914.39844	414.42	0	48.855341	-86.933584	56576.96	56237.3	12.75	56589.71	56583.87109	56501.11946	56513.08203	504871.9	5411377.1
L4870.0	504871.9	5411375.4	42914.50000	415.09	0	48.855326	-86.933584	56577.98	56237.3	12.75	56590.73	56584.92969	56509.34738	56521.36719	504871.9	5411375.4
L4870.0	504871.9	5411375.4	42914.60156	415.39	0	48.855326	-86.933584	56578.70	56237.3	12.75	56591.45	56585.69141	56509.80546	56521.88281	504871.9	5411375.4
L4870.0	504871.9	5411373.9	42914.69922	416.42	0	48.855312	-86.933584	56579.43	56237.3	12.75	56592.18	56586.46094	56510.06193	56522.19531	504871.9	5411373.9
L4870.0	504871.9	5411372.4	42914.80078	419.33	0	48.855299	-86.933584	56580.00	56237.3	12.75	56592.75	56587.07422	56505.99078	56518.17969	504871.9	5411372.4
L4870.0	504871.9	5411372.4	42914.89844	418.77	0	48.855299	-86.933584	56580.87	56237.3	12.75	56593.62	56587.98828	56508.81539	56521.05859	504871.9	5411372.4
L4870.0	504871.9	5411371.0	42915.00000	417.80	0	48.855287	-86.933584	56581.88	56237.3	12.75	56594.63	56589.04297	56514.65394	56526.94922	504871.9	5411371.0
L4870.0	504871.9	5411371.0	42915.10156	414.80	0	48.855287	-86.933584	56583.16	56237.3	12.75	56595.91	56590.37109	56526.69030	56539.03906	504871.9	5411371.0
L4870.0	504871.9	5411369.3	42915.19922	413.82	0	48.855271	-86.933584	56584.42	56237.3	12.75	56597.17	56591.67969	56537.87587	56550.28125	504871.9	5411369.3
L4870.0	504871.9	5411367.8	42915.30078	414.20	0	48.855257	-86.933584	56585.25	56237.3	12.75	56598.00	56592.55859	56538.23860	56550.69531	504871.9	5411367.8
L4870.0	504871.9	5411366.5	42915.39844	412.79	0	48.855246	-86.933584	56586.20	56237.3	12.75	56598.95	56593.55859	56541.19574	56553.70703	504871.9	5411366.5
L4870.0	504871.9	5411366.5	42915.50000	413.17	0	48.855246	-86.933584	56587.14	56237.3	12.74	56599.89	56594.55078	56543.59742	56556.16016	504871.9	5411366.5
L4870.0	504871.9	5411365.1	42915.60156	412.60	0	48.855233	-86.933583	56587.94	56237.3	12.74	56600.68	56595.39453	56542.05030	56554.66797	504871.9	5411365.1
L4870.0	504871.9	5411363.7	42915.69922	413.08	0	48.855221	-86.933583	56588.93	56237.3	12.74	56601.67	56596.43750	56545.09933	56557.77344	504871.9	5411363.7
L4870.0	504871.9	5411363.7	42915.80078	415.11	0	48.855221	-86.933583	56589.95	56237.3	12.74	56602.69	56597.51563	56548.62051	56561.34766	504871.9	5411363.7
L4870.0	504872.0	5411361.8	42915.89844	413.95	0	48.855204	-86.933583	56591.05	56237.3	12.74	56603.79	56598.67188	56553.84989	56566.63281	504872.0	5411361.8
L4870.0	504872.0	5411361.8	42915.89844	413.95	0	48.855204	-86.933583	56592.22	56237.3	12.74	56604.96	56599.90234	56560.56181	56573.39844	504872.0	5411361.8
L4870.0	504872.0	5411359.4	42916.10156	410.23	0	48.855182	-86.933583	56592.84	56237.3	12.74	56605.58	56600.58203	56553.66882	56566.56250	504872.0	5411359.4
L4870.0	504872.0	5411359.4	42916.19922	408.69	0	48.855182	-86.933583	56594.11	56237.3	12.75	56606.85	56601.91406	56562.42529	56575.37500	504872.0	5411359.4
L4870.0	504872.0	5411357.9	42916.30078	410.27	0	48.855169	-86.933583	56595.18	56237.3	12.75	56607.93	56603.05859	56566.38383	56579.39453	504872.0	5411357.9
L4870.0	504872.0	5411356.5	42916.39844	410.45	0	48.855156	-86.933583	56596.46	56237.2	12.75	56609.21	56604.40234	56575.06426	56588.13281	504872.0	5411356.5
L4870.0	504872.0	5411356.5	42916.50000	410.69	0	48.855156	-86.933583	56597.50	56237.2	12.75	56610.26	56605.51563	56578.00822	56591.13672	504872.0	5411356.5
L4870.0	504872.0	5411354.8	42916.60156	409.37	0	48.855141	-86.933583	56598.56	56237.2	12.76	56611.31	56606.63281	56580.83726	56594.02734	504872.0	5411354.8
L4870.0	504872.0	5411353.7	42916.69922	410.33	0	48.855131	-86.933583	56599.42	56237.2	12.76	56612.18	56607.57422	56579.18377	56592.43750	504872.0	5411353.7
L4870.0	504872.0	5411353.7	42916.80078	412.67	0	48.855131	-86.933583	56600.46	56237.2	12.76	56613.23	56608.69531	56581.83643	56595.15625	504872.0	5411353.7
L4870.0	504871.9	5411352.4	42916.89844	412.74	0	48.855120	-86.933583	56602.07	56237.2	12.77	56614.84	56610.37500	56598.07103	56611.45703	504871.9	5411352.4
L4870.0	504871.9	5411351.3	42917.00000	410.27	0	48.855110	-86.933583	56603.09	56237.2	12.77	56615.86	56611.46875	56599.88692	56613.33984	504871.9	5411351.3
L4870.0	504871.9	5411350.0	42917.10156	411.10	0	48.855098	-86.933584	56604.04	56237.2	12.77	56616.81	56612.49219	56599.97051	56613.49219	504871.9	5411350.0
L4870.0	504871.9	5411349.0	42917.19922	411.62	0	48.855088	-86.933584	56605.03	56237.2	12.76	56617.79	56613.55078	56600.77533	56614.37109	504871.9	5411349.0
L4870.0	504871.9	5411347.7	42917.30078	413.73	0	48.855077	-86.933584	56606.34	56237.2	12.76	56619.10	56614.93750	56609.62745	56623.29688	504871.9	5411347.7
L4870.0	504871.9	5411347.7	42917.39844	413.10	0	48.855077	-86.933584	56607.34	56237.2	12.76	56620.09	56616.00781	56610.70726	56624.44922	504871.9	5411347.7
L4870.0	504871.9	5411346.3	42917.50000	413.86	0	48.855064	-86.933584	56608.63	56237.2	12.75	56621.39	56617.38672	56619.38038	56633.19922	504871.9	5411346.3
L4870.0	504871.9	5411346.3	42917.60156	413.59	0	48.855064	-86.933584	56609.57	56237.2	12.75	56622.32	56618.39844	56619.09582	56632.99609	504871.9	5411346.3
L4870.0	504871.9	5411344.7	42917.69922	413.16	0	48.855050	-86.933584	56610.93	56237.3	12.75	56623.68	56619.84375	56629.36051	56643.34375	504871.9	5411344.7
L4870.0	504871.9	5411343.4	42917.80078	413.41	0	48.855038	-86.933584	56612.07	56237.3	12.75	56624.82	56621.06641	56634.35382	56648.42188	504871.9	5411343.4
L4870.0	504871.9	5411343.4	42917.89844	412.14	0	48.855038	-86.933584	56613.18	56237.3	12.74	56625.92	56622.25391	56638.47665	56652.63281	504871.9	5411343.4
L4870.0	504871.9	5411342.1	42917.89844	412.14	0	48.855027	-86.933584	56614.04	56237.3	12.74	56626.78	56623.19922	56636.87141	56651.11719	504871.9	5411342.1
L4870.0	504871.9	5411340.0	42918.10156	409.90	0	48.855007	-86.933584	56615.17	56237.3	12.74	56627.90	56624.41016	56641.73471	56656.07422	504871.9	5411340.0
L4870.0	504871.9	5411340.0	42918.19922	409.80	0	48.855007	-86.933584	56616.34	56237.3	12.73	56629.07	56625.67188	56647.96466	56662.39844	504871.9	5411340.0
L4870.0	504871.9	5411338.6	42918.30078	409.74	0	48.854995	-86.933584	56617.31	56237.3	12.73	56630.04	56626.73047	56649.48447	56664.01563	504871.9	5411338.6
L4870.0	504871.9	5411337.4	42918.39844	406.86	0	48.854984	-86.933584	56618.05	56237.3	12.73	56630.78	56627.56641	56645.57697	56660.21094	504871.9	5411337.4
L4870.0	504871.9	5411337.4	42918.50000	405.37	0	48.854984	-86.933584	56619.02	56237.3	12.72	56631.75	56628.62891	56647.46282	56662.19922	504871.9	5411337.4
L4870.0	504871.9	5411335.6	42918.60156	404.45	0	48.854968	-86.933584	56620.31	56237.3	12.72	56633.04	56630.01563	56657.34772	56672.19141	504871.9	5411335.6
L4870.0	504871.9	5411334.1	42918.69922	404.53	0	48.854954	-86.933584	56621.55	56237.3	12.72	56634.27	56631.34375	56665.98608	56680.94141	504871.9	5411334.1
L4870.0	504871.9	5411334.1	42918.80078	403.49	0	48.854954	-86.933584	56622.46	56237.3	12.72	56635.18	56632.35156	56667.05553	56682.12109	504871.9	5411334.1
L4870.0	504871.9	5411332.3	42918.89844	402.25	0	48.854938	-86.933584	56623.59	56237.3	12.71	56636.30	56633.57422	56673.48058	56688.66406	504871.9	5411332.3
L4870.0	504871.9	5411330.7	42919.00000	401.12	0	48.854924	-86.933584	56624.41	56237.3	12.71	56637.12	56634.49609	56672.84710	56688.14844	504871.9	5411330.7
L4870.0	504871.9	5411329.4	42919.10156	401.90	0	48.854912	-86.933584	56625.14	56237.3	12.71	56637.85	56635.32813	56670.28235	56685.70703	504871.9	5411329.4
L4870.0	504871.9	5411328.1	42919.19922	402.78	0	48.854900	-86.933584	56625.84	56237.3	12.71	56638.55	56636.13281	56667.25864	56682.80859	504871.9	5411328.1
L4870.0	504871.9	5411327.0	42919.30078	400.99	0	48.854891	-86.933584	56626.55	56237.3	12.71	56639.26	56636.94531	56664.76051	56680.44141	504871.9	5411327.0
L4870.0	504871.9	5411327.0	42919.39844	402.19	0	48.854891	-86.933584	56627.59	56237.3	12.71	56640.30	56638.09375	56670.59390	56686.40625	504871.9	5411327.0
L4870.0	504871.9	5411325.4	42919.50000	405.52	0	48.854877	-86.933584	56628.62	56237.3	12.71	56641.33	56639.23047	56676.48429	56692.42969	504871.9	5411325.4
L4870.0	504871.9	5411325.4	42919.60156	408.44	0	48.854877	-86.933584	56629.56	56237.3	12.72	56642.28	56640.29297	56680.73489	56696.82031	504871.9	5411325.4
L4870.0	504871.9	5411323.7	42919.69922	409.04	0	48.854861	-86.933585	56630.52	56237.3	12.72	56643.24	56641.36328	56685.54660	56701.77344	504871.9	5411323.7
L4870.0	504871.9	5411322.3	42919.80078	407.23	0	48.854849	-86.933585	56631.52	56237.3	12.72	56644.24	56642.47266	56691.65807	56708.03125	504871.9	5411322.3
L4870.0	504871.9	5411321.0	42919.89844	406.40	0	48.854836	-86.933585	56632.37	56237.3	12.72	56645.09	56643.43750	56694.44747	56710.96875	504871.9	5411321.0
L4870.0	504871.9	5411321.0	42919.89844	406.40	0	48.854836	-86.933585	56632.83	56237.3	12.72	56645.55	56644.01172	56688.07431	56704.74609	504871.9	5411321.0
L4870.0	504871.9	5411319.2	42920.00000	405.77	0	48.854820	-86.933585	56633.74	56237.3	12.72	56646.46	56645.03516	56693.01037	56709.83984	504871.9	5411319.2
L4870.0	504871.9	5411317.6	42920.19922	417.32	0	48.854806	-86.933585	56634.43	56237.3	12.71	56647.15	56645.84375	56692.93787	56709.92578	504871.9	5411317.6
L4870.0	504871.9	5411317.6	42920.19922	417.32	0	48.854806	-86.933585	56635.36	56237.3	12.71	56648.07	56646.88281	56698.82583	56715.97266	504871.9	5411317.6
L4870.0	504871.9	5411315.7	42920.39844	416.35	0	48.854789	-86.933585	56635.78	56237.3	12.71	56648.49	56647.41797	56692.89372	56710.20313	504871.9	5411315.7
L4870.0	504871.9	5411314.4	42920.50000	418.43	0	48.854777	-86.933585	56636.38	56237.3	12.71	56649.08	56648.12891	56691.46964	56708.94922	504871.9	5411314.4
L4870.0	504871.9	5411314.4	42920.60156	419.03	0	48.854777	-86.933585	56637.12	56237.3	12.70	56649.82	56648.99219	56694.07030	56711.71875	504871.9	5411314.4
L4870.0	504871.9	5411312.8	42920.69922	420.43	0	48.854763	-86.933585	56637.75	56237.3	12.70	56650.45	56649.74219	56694.36472	56712.18750	504871.9	5411312.8
L4870.0	504871.9	5411311.0	42920.80078	416.37	0	48.854747	-86.933585	56638.82	56237.3	12.70	56651.52	56650.93750	56705.75596	56723.75391	504871.9	5411311.0
L4870.0	504871.9	5411311.0	42920.89844	417.00	0	48.854747	-86.933585	56639.39	56237.3	12.69	56652.08	56651.62109	56705.10123	56723.27734	504871.9	5411311.0
L4870.0	504871.9	5411309.7	42921.00000	420.93	0	48.854735	-86.933585	56640.18	56237.3	12.69	56652.87	56652.53516	56710.43181	56728.78906	504871.9	5411309.7
L4870.0	504871.9	5411309.7	42921.10156	422.03	0	48.854735	-86.933585	56640.38	56237.3	12.69	56653.07	56652.85938	56701.77128	56720.31641	504871.9	5411309.7
L4870.0	504871.9	5411307.9	42921.19922	422.66	0	48.854719	-86.933585	56640.98	56237.3	12.69	56653.67	56653.58594	56703.24097	56721.97266	504871.9	5411307.9
L4870.0	504871.9	5411306.1	42921.30078	418.64	0	48.854703	-86.933585	56641.33	56237.3	12.69	56654.02	56654.06641	56699.00543	56717.92578	504871.9	5411306.1
L4870.0	504871.9	5411304.8	42921.39844	419.05	0	48.854691	-86.933585	56642.24	56237.3	12.69	56654.93	56655.10547	56708.79969	56727.91406	504871.9	5411304.8
L4870.0	504871.9	5411303.4	42921.50000	418.34	0	48.854678	-86.933585	56642.65	56237.3	12.69	56655.34	56655.64453	56706.79838	56726.10547	504871.9	5411303.4
L4870.0	504871.9	5411303.4	42921.60156	419.25	0	48.854678	-86.933585	56643.06	56237.3	12.69	56655.75	56656.18359	56705.18302	56724.68750	504871.9	5411303.4
L4870.0	504871.9	5411301.9	42921.69922	420.11	0	48.854665	-86.933585	56643.37	56237.3	12.69	56656.06	56656.62500	56701.51652	56721.22266	504871.9	5411301.9
L4870.0	504871.9	5411300.0	42921.80078	420.51	0	48.854648	-86.933585	56643.83	56237.3	12.69	56656.52	56657.21484	56701.88872	56721.79688	504871.9	5411300.0
L4870.0	504871.9	5411300.0	42921.89844	419.51	0	48.854648	-86.933585	56644.38	56237.3	12.69	56657.07	56657.89844	56704.83633	56724.94531	504871.9	5411300.0
L4870.0	504871.9	5411298.3	42921.89844	419.51	0	48.854632	-86.933585	56644.59	56237.3	12.69	56657.28	56658.24219	56699.88119	56720.19531	504871.9	5411298.3

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4870.0	504871.9	5411298.3	42922.10156	418.46	0	48.854632	-86.933585	56645.43	56237.3	12.69	56658.12	56659.21484	56710.65384	56731.17578	504871.9	5411298.3
L4870.0	504871.9	5411296.5	42922.19922	418.86	0	48.854617	-86.933584	56645.66	56237.3	12.68	56658.34	56659.57031	56706.69725	56727.42969	504871.9	5411296.5
L4870.0	504871.9	5411295.2	42922.30078	417.25	0	48.854604	-86.933584	56646.07	56237.3	12.68	56658.75	56660.11328	56707.74312	56728.68750	504871.9	5411295.2
L4870.0	504871.9	5411293.9	42922.39844	416.41	0	48.854593	-86.933584	56646.38	56237.3	12.68	56659.06	56660.56250	56706.72285	56727.87891	504871.9	5411293.9
L4870.0	504871.9	5411292.6	42922.50000	415.24	0	48.854581	-86.933584	56646.86	56237.3	12.68	56659.54	56661.17578	56710.21118	56731.58203	504871.9	5411292.6
L4870.0	504871.9	5411292.6	42922.60156	414.60	0	48.854581	-86.933584	56646.98	56237.3	12.67	56659.65	56661.42188	56705.04799	56726.63281	504871.9	5411292.6
L4870.0	504872.0	5411291.1	42922.69922	414.50	0	48.854567	-86.933584	56647.18	56237.3	12.67	56659.85	56661.76172	56702.43655	56724.23828	504872.0	5411291.1
L4870.0	504872.0	5411289.5	42922.80078	413.94	0	48.854553	-86.933584	56647.49	56237.3	12.67	56660.16	56662.20703	56702.85983	56724.87891	504872.0	5411289.5
L4870.0	504872.0	5411289.5	42922.89844	415.13	0	48.854553	-86.933584	56647.86	56237.3	12.66	56660.53	56662.71484	56705.09512	56727.33203	504872.0	5411289.5
L4870.0	504871.9	5411287.7	42923.00000	415.51	0	48.854537	-86.933584	56648.37	56237.3	12.66	56661.03	56663.35547	56710.84311	56733.30078	504871.9	5411287.7
L4870.0	504871.9	5411287.7	42923.10156	418.30	0	48.854537	-86.933584	56648.29	56237.3	12.66	56660.94	56663.40234	56702.55699	56725.23438	504871.9	5411287.7
L4870.0	504871.9	5411286.4	42923.19922	418.65	0	48.854525	-86.933584	56648.44	56237.3	12.66	56661.10	56663.70313	56700.69698	56723.59375	504871.9	5411286.4
L4870.0	504871.9	5411284.6	42923.30078	416.70	0	48.854509	-86.933584	56648.60	56237.3	12.65	56661.25	56663.99219	56698.92315	56722.03906	504871.9	5411284.6
L4870.0	504871.9	5411284.6	42923.39844	415.59	0	48.854509	-86.933584	56649.03	56237.3	12.65	56661.68	56664.56250	56704.29537	56727.63281	504871.9	5411284.6
L4870.0	504871.9	5411283.2	42923.50000	414.21	0	48.854497	-86.933585	56649.11	56237.3	12.65	56661.76	56664.78125	56701.45879	56725.01953	504871.9	5411283.2
L4870.0	504871.9	5411281.8	42923.60156	410.61	0	48.854484	-86.933585	56649.36	56237.4	12.65	56662.01	56665.17188	56703.07661	56726.85547	504871.9	5411281.8
L4870.0	504871.9	5411280.2	42923.69922	409.17	0	48.854470	-86.933585	56649.59	56237.4	12.65	56662.24	56665.54297	56704.51368	56728.51563	504871.9	5411280.2
L4870.0	504871.9	5411280.2	42923.80078	412.73	0	48.854470	-86.933585	56649.84	56237.4	12.64	56662.48	56665.92188	56706.49477	56730.71875	504871.9	5411280.2
L4870.0	504871.9	5411278.8	42923.89844	411.50	0	48.854457	-86.933585	56649.82	56237.4	12.64	56662.47	56666.05078	56702.67904	56727.12109	504871.9	5411278.8
L4870.0	504871.9	5411277.3	42923.89844	411.50	0	48.854443	-86.933585	56649.88	56237.4	12.64	56662.52	56666.24219	56700.61287	56725.27344	504871.9	5411277.3
L4870.0	504871.9	5411277.3	42924.10156	412.60	0	48.854443	-86.933585	56650.31	56237.4	12.64	56662.95	56666.81250	56708.08617	56732.96875	504871.9	5411277.3
L4870.0	504871.9	5411275.9	42924.19922	410.47	0	48.854431	-86.933585	56650.08	56237.4	12.64	56662.73	56666.73438	56699.99791	56725.09766	504871.9	5411275.9
L4870.0	504871.9	5411274.6	42924.30078	406.81	0	48.854419	-86.933585	56650.58	56237.4	12.65	56663.23	56667.37500	56709.71970	56735.03906	504871.9	5411274.6
L4870.0	504871.9	5411273.0	42924.39844	406.09	0	48.854405	-86.933585	56650.64	56237.4	12.65	56663.29	56667.57422	56708.98316	56734.51563	504871.9	5411273.0
L4870.0	504871.9	5411273.0	42924.50000	405.55	0	48.854405	-86.933585	56650.69	56237.3	12.65	56663.34	56667.76563	56708.25805	56734.00781	504871.9	5411273.0
L4870.0	504871.9	5411271.6	42924.60156	407.87	0	48.854392	-86.933585	56650.48	56237.3	12.65	56663.13	56667.69531	56701.44686	56727.41016	504871.9	5411271.6
L4870.0	504871.9	5411271.6	42924.69922	407.69	0	48.854392	-86.933585	56650.44	56237.3	12.65	56663.09	56667.79297	56699.01936	56725.19531	504871.9	5411271.6
L4870.0	504871.9	5411270.0	42924.80078	406.39	0	48.854378	-86.933585	56650.58	56237.3	12.66	56663.24	56668.08594	56701.45626	56727.84375	504871.9	5411270.0
L4870.0	504871.9	5411268.5	42924.89844	408.09	0	48.854364	-86.933585	56650.71	56237.3	12.66	56663.37	56668.35547	56703.63468	56730.23047	504871.9	5411268.5
L4870.0	504871.9	5411267.1	42925.00000	407.09	0	48.854352	-86.933585	56650.46	56237.3	12.66	56663.13	56668.25391	56697.02089	56723.82422	504871.9	5411267.1
L4870.0	504871.9	5411267.1	42925.10156	407.99	0	48.854352	-86.933585	56650.74	56237.3	12.66	56663.40	56668.66016	56703.04849	56730.05469	504871.9	5411267.1
L4870.0	504871.9	5411265.9	42925.19922	407.81	0	48.854341	-86.933585	56650.88	56237.3	12.66	56663.54	56668.94141	56706.11845	56733.32813	504871.9	5411265.9
L4870.0	504871.9	5411264.2	42925.30078	405.26	0	48.854325	-86.933585	56650.51	56237.3	12.66	56663.17	56668.70703	56696.96638	56724.37891	504871.9	5411264.2
L4870.0	504871.9	5411264.2	42925.39844	404.07	0	48.854325	-86.933585	56650.48	56237.3	12.66	56663.13	56668.80469	56696.05162	56723.66406	504871.9	5411264.2
L4870.0	504871.9	5411261.4	42925.50000	408.66	0	48.854301	-86.933585	56650.41	56237.3	12.65	56663.07	56668.88281	56694.84093	56722.64844	504871.9	5411261.4
L4870.0	504871.9	5411261.4	42925.60156	413.13	0	48.854301	-86.933585	56650.61	56237.3	12.65	56663.26	56669.21094	56699.90666	56727.90625	504871.9	5411261.4
L4870.0	504871.9	5411260.0	42925.69922	413.41	0	48.854288	-86.933585	56650.84	56237.3	12.65	56663.49	56669.57813	56706.12675	56734.31641	504871.9	5411260.0
L4870.0	504872.0	5411258.6	42925.80078	414.61	0	48.854276	-86.933584	56650.46	56237.3	12.65	56663.12	56669.34375	56697.90295	56726.28125	504872.0	5411258.6
L4870.0	504872.0	5411257.3	42925.89844	414.83	0	48.854264	-86.933584	56650.28	56237.3	12.65	56662.93	56669.28906	56694.23355	56722.79688	504872.0	5411257.3
L4870.0	504872.0	5411257.3	42925.89844	414.83	0	48.854264	-86.933584	56650.23	56237.3	12.65	56662.88	56669.37109	56694.13881	56722.88672	504872.0	5411257.3
L4870.0	504871.9	5411255.4	42926.10156	418.70	0	48.854247	-86.933585	56650.15	56237.4	12.65	56662.80	56669.42578	56693.47196	56722.39844	504871.9	5411255.4
L4870.0	504871.9	5411254.2	42926.19922	420.79	0	48.854236	-86.933585	56650.08	56237.4	12.65	56662.73	56669.49219	56693.20276	56722.30469	504871.9	5411254.2
L4870.0	504871.9	5411254.2	42926.30078	419.67	0	48.854236	-86.933585	56650.28	56237.4	12.65	56662.92	56669.81250	56699.41757	56728.69141	504871.9	5411254.2
L4870.0	504872.0	5411252.9	42926.39844	418.97	0	48.854224	-86.933585	56649.90	56237.4	12.65	56662.55	56669.57422	56692.13388	56721.57813	504872.0	5411252.9
L4870.0	504871.9	5411251.6	42926.50000	414.20	0	48.854212	-86.933585	56649.75	56237.4	12.65	56662.39	56669.54688	56690.10758	56719.71875	504871.9	5411251.6
L4870.0	504871.9	5411249.9	42926.60156	414.18	0	48.854197	-86.933585	56649.59	56237.4	12.64	56662.24	56669.52734	56688.46209	56718.23438	504871.9	5411249.9
L4870.0	504871.9	5411249.9	42926.69922	414.42	0	48.854197	-86.933585	56649.56	56237.4	12.64	56662.20	56669.61719	56689.63014	56719.55859	504871.9	5411249.9
L4870.0	504871.9	5411248.9	42926.80078	412.63	0	48.854188	-86.933585	56649.14	56237.4	12.64	56661.78	56669.32813	56681.67022	56711.75391	504871.9	5411248.9
L4870.0	504872.0	5411247.4	42926.89844	411.34	0	48.854174	-86.933585	56649.01	56237.4	12.64	56661.65	56669.32422	56680.90284	56711.13672	504872.0	5411247.4
L4870.0	504872.0	5411247.4	42927.00000	414.80	0	48.854174	-86.933585	56648.88	56237.4	12.64	56661.52	56669.32031	56680.25972	56710.64063	504872.0	5411247.4
L4870.0	504872.0	5411245.7	42927.10156	416.72	0	48.854159	-86.933584	56649.01	56237.4	12.64	56661.65	56669.57813	56686.07284	56716.59766	504872.0	5411245.7
L4870.0	504872.0	5411244.5	42927.19922	413.85	0	48.854148	-86.933584	56648.98	56237.4	12.64	56661.62	56669.67578	56688.10718	56718.76953	504872.0	5411244.5
L4870.0	504872.0	5411242.8	42927.30078	413.19	0	48.854133	-86.933584	56648.83	56237.4	12.64	56661.47	56669.64844	56687.33526	56718.13281	504872.0	5411242.8
L4870.0	504872.0	5411241.7	42927.39844	411.41	0	48.854123	-86.933584	56648.37	56237.4	12.64	56661.01	56669.31250	56679.12626	56710.05469	504872.0	5411241.7
L4870.0	504872.0	5411241.7	42927.50000	412.51	0	48.854123	-86.933584	56648.60	56237.4	12.64	56661.24	56669.66406	56687.84235	56718.89844	504872.0	5411241.7
L4870.0	504872.0	5411239.9	42927.60156	412.54	0	48.854107	-86.933584	56648.14	56237.4	12.64	56660.78	56669.32813	56679.86054	56711.03906	504872.0	5411239.9
L4870.0	504872.0	5411238.5	42927.69922	408.43	0	48.854095	-86.933584	56648.02	56237.4	12.64	56660.66	56669.32813	56680.27446	56711.56641	504872.0	5411238.5
L4870.0	504872.0	5411237.2	42927.80078	405.87	0	48.854083	-86.933583	56647.75	56237.4	12.64	56660.39	56669.17578	56677.14533	56708.55078	504872.0	5411237.2
L4870.0	504872.0	5411237.2	42927.89844	404.17	0	48.854083	-86.933583	56647.72	56237.4	12.64	56660.36	56669.26563	56679.97461	56711.49219	504872.0	5411237.2
L4870.0	504872.1	5411235.8	42927.89844	404.17	0	48.854070	-86.933583	56647.64	56237.4	12.64	56660.28	56669.30469	56681.69678	56713.31641	504872.1	5411235.8
L4870.0	504872.1	5411234.2	42928.10156	402.81	0	48.854056	-86.933583	56647.39	56237.4	12.64	56660.03	56669.16797	56679.38840	56711.10938	504872.1	5411234.2
L4870.0	504872.1	5411234.2	42928.19922	402.46	0	48.854056	-86.933583	56647.33	56237.4	12.64	56659.97	56669.22656	56681.82086	56713.63672	504872.1	5411234.2
L4870.0	504872.1	5411232.9	42928.30078	403.69	0	48.854044	-86.933583	56647.04	56237.4	12.64	56659.67	56669.03906	56678.51851	56710.42578	504872.1	5411232.9
L4870.0	504872.1	5411231.8	42928.39844	403.95	0	48.854034	-86.933583	56646.94	56237.4	12.64	56659.57	56669.05078	56680.20234	56712.19531	504872.1	5411231.8
L4870.0	504872.1	5411230.7	42928.50000	406.05	0	48.854024	-86.933583	56646.74	56237.4	12.64	56659.37	56668.96484	56679.56449	56711.64063	504872.1	5411230.7
L4870.0	504872.1	5411230.7	42928.60156	407.55	0	48.854024	-86.933583	56646.61	56237.4	12.63	56659.24	56668.94531	56680.74825	56712.90234	504872.1	5411230.7
L4870.0	504872.1	5411229.4	42928.69922	409.82	0	48.854013	-86.933583	56646.32	56237.4	12.63	56658.95	56668.76172	56678.15168	56710.37500	504872.1	5411229.4
L4870.0	504872.1	5411228.0	42928.80078	411.61	0	48.854000	-86.933583	56646.26	56237.4	12.63	56658.89	56668.80859	56681.27851	56713.57031	504872.1	5411228.0
L4870.0	504872.1	5411226.5	42928.89844	410.32	0	48.853986	-86.933583	56646.01	56237.4	12.63	56658.64	56668.66797	56679.89817	56712.25391	504872.1	5411226.5
L4870.0	504872.1	5411225.4	42929.00000	408.94	0	48.853977	-86.933583	56645.70	56237.4	12.63	56658.33	56668.46094	56677.18024	56709.59766	504872.1	5411225.4
L4870.0	504872.1	5411225.4	42929.10156	409.85	0	48.853977	-86.933583	56645.56	56237.4	12.63	56658.19	56668.42578	56678.73090	56711.19922	504872.1	5411225.4
L4870.0	504872.1	5411224.3	42929.19922	410.63	0	48.853967	-86.933583	56645.13	56237.4	12.63	56657.75	56668.08984	56673.10191	56705.62109	504872.1	5411224.3
L4870.0	504872.1	5411222.8	42929.30078	410.70	0	48.853953	-86.933582	56644.79	56237.4	12.63	56657.42	56667.85938	56670.28524	56702.85156	504872.1	5411222.8
L4870.0	504872.1	5411222.8	42929.39844	408.12	0	48.853953	-86.933582	56644.83	56237.4	12.63	56657.46	56668.00000	56676.61843	56709.22656	504872.1	5411222.8
L4870.0	504872.1	5411221.3	42929.50000	408.68	0	48.853940	-86.933582	56644.56	56237.4	12.63	56657.19	56667.82813	56675.53734	56708.17969	504872.1	5411221.3
L4870.0	504872.2	5411220.0	42929.60156	406.90	0	48.853928	-86.933582	56644.32	56237.4	12.63	56656.95	56667.68750	56675.32886	56708.00391	504872.2	5411220.0
L4870.0	504872.2	5411220.0	42929.69922	407.00	0	48.853928	-86.933582	56644.13	56237.4	12.63	56656.75	56667.58203	56676.23999	56708.94141	504872.2	5411220.0
L4870.0	504872.2	5411218.0	42929.80078	403.94	0	48.853911	-86.933582	56644.26	56237.4	12.63	56656.89	56667.81641	56685.58324	56718.30859	504872.2	5411218.0
L4870.0	504872.2	5411216.6	42929.89844	404.01	0	48.853897	-86.933582	56643.78	56237.4	12.63	56656.41	56667.42969	56679.97305	56712.71875	504872.2	5411216.6
L4870.0	504872.2	5411214.9	42929.89844	404.01	0	48.853882	-86.933581	56643.46	56237.4	12.63	56656.09	56667.19922	56678.41659	56711.17578	504872.2	5411214.9
L4870.0	504872.2	5411214.9	42930.10156	404.03	0	48.853882	-86.933581	56643.29	56237.4	12.63	56655.92	56667.12109	56680.67382	56713.44531	504872.2	5411214.9
L4870.0	504872.2	5411213.3	42930.19922	403.02	0	48.853868	-86.933581	56643.19	56237.4	12.64	56655.82	56667.10938	56684.79923	56717.57813	504872.2	5411213.3
L4870.0	504872.3	5411211.9	42930.30078	402.20	0	48.853855	-86.933581	56642.75	56237.4	12.64	56655.39	56666.76563	56681.05098	56713.83203	504872.3	5411211.9
L4870.0	504872.3	5411211.9	42930.39844	403.91	0	48.853855	-86.933581	56642.52	56237.4	12.64	56655.16	56666.62109	56682.34536	56715.12500	504872.3	5411211.9
L4870.0	504872.3	5411210.8	42930.50000	408.28	0	48.853846	-86.933581	56642.39	56237.4	12.64	56655.04	56666.58594	56686.49314	56719.26563	504872.3	5411210.8
L4870.0	504872.3	5411209.5	42930.60156	409.15	0	48.853834	-86.933580	56642.24	56237.4	12.65	56654.89	56666.51563	56690.08689	56722.85156	504872.3	5411209.5
L4870.0	504872.3	5411207.8	42930.69922	410.64	0	48.853818	-86.933580	56642.25	56237.3	12.65	56654.90	56666.60938	56697.75907	56730.51172	504872.3	5411207.8
L4870.0	504872.3	5411207.8	42930.80078	411.18	0	48.853818	-86.933580	56641.39	56237.3	12.65	56654.05	56665.83594	56684.66204	56717.39453	504872.3	5411207.8
L4870.0	504872.3	5411206.6	42930.89844	412.48	0	48.853808	-86.933580	56641.10	56237.3	12.66	56653.76	56665.62500	56685.39530	56718.10938	504872.3	5411206.6
L4870.0	504872.3	5411205.1	42931.00000	413.51	0	48.853794	-86.933580	56640.56	56237.3	12.66	56653.22	56665.16016	56680.22731	56712.91797	504872.3	5411205.1
L4870.0	504872.3	5411205.1	42931.10156	415.50	0	48.853794	-86.933580	56640.40	56237.3	12.66	56653.07	56665.08594	56684.75363	56717.41797	504872.3	5411205.1
L4870.0	504872.4	5411203.7	42931.19922	418.06	0	48.853782	-86.933580	56640.23	56237.3	12.67	56652.90	56664.98828	56688.98783	56721.62109	504872.4	5411203.7
L4870.0	504872.4	5411202.7	42931.30078	415.91	0	48.853772	-86.933580	56640.07	56237.3	12.67	56652.75	56664.91016	56693.90690	56726.50391	504872.4	5411202.7

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4870.0	504872.4	5411201.3	42931.39844	414.63	0	48.853760	-86.933579	56639.69	56237.3	12.68	56652.36	56664.58984	56693.17854	56725.73828	504872.4	5411201.3
L4870.0	504872.4	5411201.3	42931.50000	412.81	0	48.853760	-86.933579	56639.29	56237.3	12.68	56651.97	56664.26953	56692.65200	56725.17188	504872.4	5411201.3
L4870.0	504872.4	5411199.7	42931.60156	413.31	0	48.853746	-86.933579	56638.97	56237.3	12.68	56651.65	56664.01563	56694.03446	56726.51172	504872.4	5411199.7
L4870.0	504872.4	5411198.6	42931.69922	413.80	0	48.853736	-86.933579	56638.55	56237.3	12.69	56651.24	56663.66797	56693.42922	56725.85938	504872.4	5411198.6
L4870.0	504872.4	5411198.6	42931.80078	413.22	0	48.853736	-86.933579	56638.28	56237.3	12.69	56650.97	56663.46094	56696.44106	56728.82422	504872.4	5411198.6
L4870.0	504872.4	5411196.9	42931.89844	412.88	0	48.853720	-86.933579	56637.63	56237.3	12.70	56650.32	56662.87500	56690.40175	56722.73047	504872.4	5411196.9
L4870.0	504872.4	5411195.2	42931.89844	412.88	0	48.853705	-86.933579	56637.52	56237.3	12.70	56650.22	56662.83203	56697.97000	56730.24609	504872.4	5411195.2
L4870.0	504872.4	5411195.2	42932.10156	408.44	0	48.853705	-86.933579	56636.96	56237.3	12.70	56649.66	56662.33203	56694.53872	56726.75781	504872.4	5411195.2
L4870.0	504872.4	5411193.7	42932.19922	414.34	0	48.853692	-86.933579	56636.51	56237.3	12.70	56649.21	56661.93750	56693.99503	56726.15234	504872.4	5411193.7
L4870.0	504872.4	5411192.4	42932.30078	412.60	0	48.853679	-86.933579	56635.88	56237.3	12.71	56648.59	56661.37500	56689.51657	56721.61328	504872.4	5411192.4
L4870.0	504872.4	5411192.4	42932.39844	411.98	0	48.853679	-86.933579	56635.36	56237.3	12.71	56648.06	56660.89844	56687.43697	56719.46875	504872.4	5411192.4
L4870.0	504872.4	5411190.5	42932.50000	411.99	0	48.853663	-86.933579	56634.82	56237.3	12.71	56647.53	56660.41797	56685.56218	56717.52734	504872.4	5411190.5
L4870.0	504872.4	5411188.9	42932.60156	410.58	0	48.853648	-86.933579	56634.56	56237.3	12.71	56647.27	56660.20703	56690.46868	56722.36328	504872.4	5411188.9
L4870.0	504872.4	5411187.5	42932.69922	409.23	0	48.853636	-86.933579	56634.38	56237.3	12.71	56647.09	56660.07813	56697.52525	56729.35156	504872.4	5411187.5
L4870.0	504872.4	5411187.5	42932.80078	406.41	0	48.853636	-86.933579	56634.18	56237.3	12.72	56646.90	56659.93359	56704.53661	56736.28906	504872.4	5411187.5
L4870.0	504872.4	5411185.7	42932.89844	406.44	0	48.853620	-86.933579	56633.54	56237.3	12.72	56646.26	56659.33594	56700.77978	56732.45703	504872.4	5411185.7
L4870.0	504872.4	5411184.1	42933.00000	406.78	0	48.853605	-86.933579	56632.65	56237.3	12.72	56645.37	56658.49219	56691.12409	56722.72656	504872.4	5411184.1
L4870.0	504872.4	5411184.1	42933.10156	408.75	0	48.853605	-86.933579	56632.01	56237.3	12.72	56644.74	56657.90234	56687.99111	56719.51563	504872.4	5411184.1
L4870.0	504872.4	5411182.3	42933.19922	408.22	0	48.853589	-86.933579	56631.32	56237.3	12.73	56644.05	56657.25000	56683.58019	56715.02344	504872.4	5411182.3
L4870.0	504872.4	5411180.8	42933.30078	408.90	0	48.853576	-86.933579	56631.12	56237.3	12.73	56643.85	56657.08984	56691.28658	56722.64844	504872.4	5411180.8
L4870.0	504872.4	5411179.7	42933.39844	407.24	0	48.853565	-86.933579	56630.63	56237.3	12.73	56643.36	56656.63672	56692.10145	56723.38281	504872.4	5411179.7
L4870.0	504872.4	5411179.7	42933.50000	407.66	0	48.853565	-86.933579	56630.20	56237.3	12.74	56642.93	56656.24219	56694.54642	56725.74219	504872.4	5411179.7
L4870.0	504872.4	5411178.2	42933.60156	412.55	0	48.853552	-86.933579	56629.62	56237.3	12.74	56642.35	56655.69141	56693.49903	56724.61328	504872.4	5411178.2
L4870.0	504872.4	5411176.6	42933.69922	414.11	0	48.853538	-86.933579	56628.74	56237.3	12.74	56641.48	56654.85547	56685.54185	56716.57031	504872.4	5411176.6
L4870.0	504872.4	5411176.6	42933.80078	416.96	0	48.853538	-86.933579	56627.90	56237.3	12.74	56640.64	56654.04297	56678.46425	56709.40625	504872.4	5411176.6
L4870.0	504872.4	5411175.1	42933.89844	417.77	0	48.853524	-86.933579	56626.88	56237.3	12.75	56639.63	56653.06250	56667.38609	56698.24219	504872.4	5411175.1
L4870.0	504872.4	5411175.1	42933.89844	417.77	0	48.853524	-86.933579	56626.32	56237.3	12.75	56639.07	56652.52734	56667.40499	56698.17188	504872.4	5411175.1
L4870.0	504872.4	5411173.7	42934.10156	419.90	0	48.853512	-86.933579	56625.81	56237.2	12.75	56638.56	56652.04297	56668.76722	56699.44531	504872.4	5411173.7
L4870.0	504872.4	5411172.3	42934.19922	419.39	0	48.853499	-86.933580	56625.29	56237.2	12.75	56638.05	56651.55469	56670.24594	56700.83594	504872.4	5411172.3
L4870.0	504872.4	5411171.1	42934.30078	419.15	0	48.853488	-86.933580	56624.81	56237.2	12.76	56637.57	56651.09375	56672.56298	56703.06250	504872.4	5411171.1
L4870.0	504872.3	5411169.6	42934.39844	416.59	0	48.853475	-86.933580	56624.10	56237.2	12.76	56636.86	56650.40234	56669.37435	56699.78516	504872.3	5411169.6
L4870.0	504872.3	5411169.6	42934.50000	416.63	0	48.853475	-86.933580	56623.41	56237.2	12.76	56636.17	56649.73047	56666.76111	56697.08203	504872.3	5411169.6
L4870.0	504872.3	5411167.9	42934.60156	417.00	0	48.853460	-86.933581	56622.59	56237.2	12.76	56635.35	56648.92578	56661.05853	56691.29297	504872.3	5411167.9
L4870.0	504872.3	5411166.6	42934.69922	415.41	0	48.853448	-86.933581	56621.91	56237.2	12.76	56634.67	56648.26172	56658.83427	56688.97656	504872.3	5411166.6
L4870.0	504872.3	5411166.6	42934.80078	412.95	0	48.853448	-86.933581	56621.23	56237.2	12.77	56634.00	56647.60156	56656.91017	56686.96484	504872.3	5411166.6
L4870.0	504872.3	5411165.3	42934.89844	408.92	0	48.853436	-86.933581	56620.68	56237.2	12.77	56633.45	56647.06250	56657.95509	56687.91797	504872.3	5411165.3
L4870.0	504872.3	5411163.9	42935.00000	405.67	0	48.853424	-86.933582	56620.20	56237.2	12.77	56632.96	56646.58203	56660.49575	56690.37109	504872.3	5411163.9
L4870.0	504872.2	5411162.4	42935.10156	406.13	0	48.853410	-86.933582	56619.32	56237.2	12.77	56632.09	56645.71875	56653.80044	56683.58594	504872.2	5411162.4
L4870.0	504872.2	5411162.4	42935.19922	407.24	0	48.853410	-86.933582	56618.64	56237.2	12.77	56631.41	56645.04297	56651.74447	56681.44141	504872.2	5411162.4
L4870.0	504872.2	5411160.9	42935.30078	408.17	0	48.853396	-86.933582	56617.79	56237.2	12.77	56630.57	56644.20703	56645.78837	56675.39844	504872.2	5411160.9
L4870.0	504872.2	5411159.6	42935.39844	408.49	0	48.853384	-86.933582	56617.28	56237.2	12.77	56630.06	56643.69922	56647.85796	56677.37891	504872.2	5411159.6
L4870.0	504872.2	5411158.0	42935.50000	406.83	0	48.853371	-86.933582	56616.06	56237.2	12.78	56628.83	56642.47266	56632.35886	56661.79688	504872.2	5411158.0
L4870.0	504872.2	5411158.0	42935.60156	404.77	0	48.853371	-86.933582	56615.42	56237.2	12.78	56628.20	56641.83984	56631.43836	56660.78906	504872.2	5411158.0
L4870.0	504872.2	5411156.5	42935.69922	405.66	0	48.853357	-86.933583	56614.78	56237.2	12.78	56627.56	56641.19531	56630.22184	56659.48828	504872.2	5411156.5
L4870.0	504872.2	5411156.5	42935.80078	405.94	0	48.853357	-86.933583	56614.63	56237.2	12.78	56627.41	56641.04297	56640.87820	56670.05859	504872.2	5411156.5
L4870.0	504872.1	5411154.4	42935.89844	406.83	0	48.853338	-86.933583	56614.27	56237.2	12.78	56627.05	56640.67578	56646.33991	56675.43750	504872.1	5411154.4
L4870.0	504872.1	5411153.2	42935.89844	406.83	0	48.853327	-86.933583	56613.38	56237.2	12.78	56626.15	56639.76953	56638.55396	56667.57031	504872.1	5411153.2
L4870.0	504872.1	5411151.8	42936.10156	403.60	0	48.853314	-86.933583	56612.11	56237.2	12.78	56624.89	56638.50000	56621.89278	56650.82813	504872.1	5411151.8
L4870.0	504872.1	5411151.8	42936.19922	405.45	0	48.853314	-86.933583	56611.08	56237.2	12.79	56623.86	56637.45703	56610.71791	56639.57422	504872.1	5411151.8
L4870.0	504872.1	5411150.2	42936.30078	408.14	0	48.853300	-86.933584	56610.63	56237.2	12.79	56623.42	56637.00391	56613.78730	56642.56250	504872.1	5411150.2
L4870.0	504872.1	5411148.4	42936.39844	406.33	0	48.853284	-86.933584	56610.03	56237.2	12.79	56622.82	56636.39063	56612.81535	56641.51172	504872.1	5411148.4
L4870.0	504872.1	5411148.4	42936.50000	410.68	0	48.853284	-86.933584	56609.30	56237.2	12.79	56622.09	56635.64453	56608.52020	56637.14063	504872.1	5411148.4
L4870.0	504872.1	5411146.9	42936.60156	411.19	0	48.853270	-86.933584	56608.98	56237.2	12.80	56621.78	56635.31641	56614.28923	56642.83594	504872.1	5411146.9
L4870.0	504872.0	5411145.5	42936.69922	412.41	0	48.853258	-86.933585	56608.04	56237.2	12.80	56620.84	56634.35938	56604.52817	56633.00000	504872.0	5411145.5
L4870.0	504872.0	5411145.5	42936.80078	414.24	0	48.853258	-86.933585	56607.72	56237.2	12.80	56620.52	56634.01953	56609.67930	56638.07813	504872.0	5411145.5
L4870.0	504872.0	5411144.2	42936.89844	414.77	0	48.853246	-86.933585	56606.84	56237.2	12.81	56619.65	56633.12500	56601.22514	56629.55469	504872.0	5411144.2
L4870.0	504872.0	5411142.7	42937.00000	415.33	0	48.853233	-86.933585	56606.46	56237.2	12.81	56619.27	56632.72266	56604.49210	56632.75000	504872.0	5411142.7
L4870.0	504872.0	5411142.7	42937.10156	414.57	0	48.853233	-86.933585	56605.72	56237.2	12.81	56618.53	56631.95703	56598.75961	56626.95313	504872.0	5411142.7
L4870.0	504872.0	5411141.2	42937.19922	416.58	0	48.853219	-86.933586	56604.94	56237.2	12.81	56617.75	56631.15234	56591.81286	56619.93750	504872.0	5411141.2
L4870.0	504871.9	5411139.8	42937.30078	417.78	0	48.853206	-86.933586	56604.49	56237.2	12.81	56617.30	56630.67188	56592.65557	56620.71484	504871.9	5411139.8
L4870.0	504871.9	5411138.0	42937.39844	416.88	0	48.853191	-86.933586	56604.02	56237.2	12.81	56616.82	56630.16406	56592.50638	56620.50391	504871.9	5411138.0
L4870.0	504871.9	5411136.6	42937.50000	418.44	0	48.853178	-86.933586	56603.40	56237.2	12.81	56616.20	56629.51172	56588.67524	56616.61328	504871.9	5411136.6
L4870.0	504871.9	5411136.6	42937.60156	420.54	0	48.853178	-86.933586	56602.66	56237.2	12.80	56615.46	56628.74219	56581.63979	56609.51563	504871.9	5411136.6
L4870.0	504871.9	5411135.3	42937.69922	423.11	0	48.853166	-86.933587	56602.18	56237.2	12.80	56614.98	56628.22656	56580.64903	56608.46875	504871.9	5411135.3
L4870.0	504871.9	5411134.0	42937.80078	423.24	0	48.853155	-86.933587	56601.46	56237.2	12.80	56614.26	56627.47266	56573.51242	56601.27344	504871.9	5411134.0
L4870.0	504871.9	5411132.7	42937.89844	421.02	0	48.853143	-86.933587	56601.22	56237.2	12.80	56614.02	56627.19531	56577.76358	56605.47266	504871.9	5411132.7
L4870.0	504871.9	5411132.7	42937.89844	421.02	0	48.853143	-86.933587	56600.41	56237.2	12.80	56613.21	56626.34766	56567.81300	56595.46875	504871.9	5411132.7
L4870.0	504871.9	5411131.5	42938.10156	420.45	0	48.853132	-86.933587	56600.06	56237.2	12.80	56612.87	56625.96875	56568.99169	56596.59766	504871.9	5411131.5
L4870.0	504871.9	5411130.2	42938.19922	419.47	0	48.853120	-86.933587	56599.62	56237.2	12.81	56612.43	56625.48828	56567.40579	56594.96094	504871.9	5411130.2
L4870.0	504871.9	5411128.7	42938.30078	418.89	0	48.853106	-86.933587	56599.14	56237.2	12.81	56611.95	56624.96875	56564.51111	56592.01953	504871.9	5411128.7
L4870.0	504871.9	5411127.6	42938.39844	417.66	0	48.853097	-86.933587	56598.50	56237.2	12.81	56611.32	56624.29297	56557.62222	56585.08203	504871.9	5411127.6
L4870.0	504871.9	5411127.6	42938.50000	416.17	0	48.853097	-86.933587	56598.32	56237.2	12.82	56611.14	56624.07031	56561.35248	56588.76953	504871.9	5411127.6
L4870.0	504871.9	5411126.0	42938.60156	415.84	0	48.853083	-86.933587	56598.14	56237.2	12.82	56610.96	56623.84375	56564.73409	56592.10938	504871.9	5411126.0
L4870.0	504871.9	5411126.0	42938.69922	415.46	0	48.853083	-86.933587	56597.61	56237.2	12.82	56610.43	56623.26953	56559.23621	56586.57031	504871.9	5411126.0
L4870.0	504871.9	5411124.2	42938.80078	416.12	0	48.853067	-86.933587	56597.22	56237.2	12.82	56610.05	56622.83984	56557.03778	56584.33203	504871.9	5411124.2
L4870.0	504871.9	5411122.7	42938.89844	417.15	0	48.853053	-86.933587	56596.58	56237.2	12.83	56609.41	56622.15234	56548.14746	56575.40234	504871.9	5411122.7
L4870.0	504871.9	5411121.4	42939.00000	415.63	0	48.853041	-86.933588	56596.67	56237.2	12.83	56609.50	56622.19141	56556.68368	56583.90234	504871.9	5411121.4
L4870.0	504871.9	5411121.4	42939.10156	415.89	0	48.853041	-86.933588	56596.18	56237.2	12.83	56609.01	56621.64844	56550.72919	56577.91406	504871.9	5411121.4
L4870.0	504871.8	5411119.6	42939.19922	413.97	0	48.853025	-86.933588	56596.02	56237.2	12.84	56608.86	56621.44531	56552.69833	56579.85156	504871.8	5411119.6
L4870.0	504871.8	5411118.2	42939.30078	412.36	0	48.853012	-86.933588	56595.44	56237.2	12.84	56608.28	56620.81250	56543.83157	56570.95313	504871.8	5411118.2
L4870.0	504871.8	5411118.2	42939.39844	409.90	0	48.853012	-86.933588	56595.70	56237.2	12.84	56608.54	56621.01953	56555.07188	56582.16406	504871.8	5411118.2
L4870.0	504871.9	5411116.9	42939.50000	409.99	0	48.853001	-86.933588	56595.32	56237.2	12.85	56608.16	56620.58203	56550.36293	56577.42969	504871.9	5411116.9
L4870.0	504871.9	5411115.6	42939.60156	407.43	0	48.852989	-86.933588	56594.97	56237.2	12.85	56607.82	56620.18750	56546.27453	56573.31250	504871.9	5411115.6
L4870.0	504871.9	5411114.2	42939.69922	406.01	0	48.852976	-86.933588	56594.95	56237.1	12.85	56607.80	56620.10938	56549.63170	56576.64844	504871.9	5411114.2
L4870.0	504871.9	5411114.2	42939.80078	407.92	0	48.852976	-86.933588	56594.59	56237.1	12.85	56607.45	56619.70313	56544.60198	56571.59375	504871.9	5411114.2
L4870.0	504871.9	5411112.7	42939.89844	407.66	0	48.852963	-86.933588	56594.57	56237.1	12.86	56607.43	56619.62109	56547.26992	56574.23828	504871.9	5411112.7
L4870.0	504871.9	5411111.8	42939.89844	407.66	0	48.852955	-86.933588	56594.32	56237.1	12.86	56607.17	56619.30078	56543.75349	56570.70313	504871.9	5411111.8
L4870.0	504871.9	5411110.7	42940.10156	407.24	0	48.852945	-86.933587	56594.62	56237.1	12.86	56607.48	56619.55078	56553.79310	56580.72266	504871.9	5411110.7
L4870.0	504871.9	5411110.7	42940.19922	407.09	0	48.852945	-86.933587	56594.32	56237.1	12.86	56607.18	56619.18750	56548.64620	56575.55859	504871.9	5411110.7
L4870.0	504871.9	5411109.4	42940.30078	409.17	0	48.852933	-86.933587	56594.44	56237.1	12.87	56607.31	56619.25781	56553.65812	56580.55469	504871.9	5411109.4
L4870.0	504871.9	5411108.1	42940.39844	410.76	0	48.852921	-86.933587	56594.62	56237.1	12.87	56607.49	56619.37109	56559.57844	56586.46094	504871.9	5411108.1
L4870.0	504871.9	5411107.0	42940.50000	410.55	0	48.852911	-86.933587	56594.77	56237.1	12.87	56607.64	56619.45703	56564.46644	56591.33203	504871.9	5411107.0
L4870.0	504871.9	5411105.4	42940.60156	409.00	0	48.852897	-86.933587	56594.93	56237.1	12.87	56607.80	56619.55469	56569.30563	56596.16016	504871.9	5411105.4

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4870.0	504871.9	5411105.4	42940.69922	412.21	0	48.852897	-86.933587	56595.08	56237.1	12.87	56607.96	56619.64844	56573.86189	56600.70313	504871.9	5411105.4
L4870.0	504871.9	5411104.3	42940.80078	412.43	0	48.852887	-86.933587	56595.64	56237.1	12.88	56608.52	56620.14063	56587.89074	56614.72266	504871.9	5411104.3
L4870.0	504871.9	5411103.0	42940.89844	414.40	0	48.852875	-86.933587	56595.26	56237.1	12.88	56608.14	56619.69531	56578.75550	56605.57813	504871.9	5411103.0
L4870.0	504871.9	5411101.5	42941.00000	415.64	0	48.852862	-86.933587	56595.39	56237.1	12.88	56608.27	56619.75781	56581.79452	56608.60938	504871.9	5411101.5
L4870.0	504871.9	5411100.6	42941.10156	414.50	0	48.852854	-86.933587	56595.14	56237.1	12.88	56608.02	56619.43750	56575.33575	56602.14063	504871.9	5411100.6
L4870.0	504871.9	5411100.6	42941.19922	414.55	0	48.852854	-86.933587	56595.64	56237.1	12.88	56608.53	56619.87891	56587.16575	56613.96484	504871.9	5411100.6
L4870.0	504871.9	5411099.0	42941.30078	416.53	0	48.852839	-86.933587	56595.85	56237.1	12.89	56608.73	56620.01172	56591.22788	56618.01953	504871.9	5411099.0
L4870.0	504871.9	5411097.6	42941.39844	415.28	0	48.852827	-86.933587	56595.99	56237.1	12.89	56608.88	56620.08984	56593.86954	56620.65625	504871.9	5411097.6
L4870.0	504871.9	5411095.9	42941.50000	415.88	0	48.852812	-86.933588	56596.34	56237.1	12.89	56609.23	56620.37109	56601.19487	56627.97656	504871.9	5411095.9
L4870.0	504871.9	5411095.9	42941.60156	414.40	0	48.852812	-86.933588	56596.61	56237.1	12.89	56609.50	56620.57031	56606.39564	56633.17578	504871.9	5411095.9
L4870.0	504871.9	5411094.4	42941.69922	416.57	0	48.852798	-86.933588	56596.82	56237.1	12.89	56609.71	56620.71094	56609.97300	56636.75000	504871.9	5411094.4
L4870.0	504871.8	5411092.7	42941.80078	418.04	0	48.852783	-86.933588	56596.48	56237.1	12.90	56609.37	56620.30078	56600.00296	56626.77734	504871.8	5411092.7
L4870.0	504871.8	5411091.6	42941.89844	414.58	0	48.852773	-86.933588	56597.06	56237.1	12.90	56609.95	56620.80859	56612.31448	56639.08594	504871.8	5411091.6
L4870.0	504871.8	5411091.6	42941.89844	414.58	0	48.852773	-86.933588	56597.15	56237.1	12.90	56610.05	56620.83594	56612.81317	56639.58203	504871.8	5411091.6
L4870.0	504871.8	5411089.9	42942.10156	412.70	0	48.852758	-86.933588	56597.50	56237.1	12.90	56610.40	56621.11328	56619.29933	56646.06641	504871.8	5411089.9
L4870.0	504871.8	5411088.3	42942.19922	413.99	0	48.852743	-86.933589	56597.27	56237.1	12.90	56610.17	56620.81250	56611.56617	56638.33203	504871.8	5411088.3
L4870.0	504871.8	5411088.3	42942.30078	415.00	0	48.852743	-86.933589	56597.40	56237.1	12.90	56610.30	56620.87109	56612.53066	56639.29688	504871.8	5411088.3
L4870.0	504871.8	5411086.7	42942.39844	415.99	0	48.852729	-86.933589	56597.64	56237.1	12.90	56610.53	56621.02734	56615.87352	56642.64063	504871.8	5411086.7
L4870.0	504871.8	5411085.5	42942.50000	414.09	0	48.852718	-86.933589	56597.88	56237.1	12.90	56610.77	56621.19531	56619.41736	56646.18359	504871.8	5411085.5
L4870.0	504871.8	5411085.5	42942.60156	412.21	0	48.852718	-86.933589	56598.30	56237.1	12.89	56611.19	56621.54297	56627.31936	56654.08594	504871.8	5411085.5
L4870.0	504871.7	5411083.7	42942.69922	412.00	0	48.852702	-86.933590	56598.50	56237.1	12.89	56611.40	56621.67969	56630.09307	56656.86328	504871.7	5411083.7
L4870.0	504871.7	5411082.5	42942.80078	411.59	0	48.852691	-86.933590	56598.88	56237.1	12.89	56611.77	56621.97656	56636.76838	56663.53906	504871.7	5411082.5
L4870.0	504871.7	5411081.1	42942.89844	412.11	0	48.852679	-86.933590	56598.94	56237.1	12.89	56611.83	56621.96484	56635.90968	56662.67969	504871.7	5411081.1
L4870.0	504871.7	5411081.1	42943.00000	413.23	0	48.852679	-86.933590	56599.34	56237.1	12.89	56612.23	56622.29297	56643.36852	56670.14063	504871.7	5411081.1
L4870.0	504871.6	5411079.7	42943.10156	413.47	0	48.852666	-86.933591	56599.26	56237.1	12.89	56612.15	56622.14063	56639.18181	56665.95313	504871.6	5411079.7
L4870.0	504871.6	5411078.6	42943.19922	412.25	0	48.852656	-86.933591	56599.88	56237.1	12.89	56612.77	56622.68750	56652.11356	56678.88281	504871.6	5411078.6
L4870.0	504871.6	5411078.6	42943.30078	411.40	0	48.852656	-86.933591	56599.88	56237.1	12.89	56612.77	56622.61328	56650.01852	56676.78906	504871.6	5411078.6
L4870.0	504871.6	5411076.2	42943.39844	412.45	0	48.852635	-86.933592	56599.84	56237.1	12.89	56612.73	56622.50391	56647.04214	56673.81250	504871.6	5411076.2
L4870.0	504871.6	5411075.4	42943.50000	402.51	0	48.852628	-86.933592	56599.93	56237.1	12.89	56612.82	56622.51953	56647.34055	56674.11328	504871.6	5411075.4
L4870.0	504871.5	5411074.3	42943.60156	401.97	0	48.852618	-86.933592	56599.93	56237.1	12.89	56612.82	56622.44922	56645.56778	56672.33984	504871.5	5411074.3
L4870.0	504871.5	5411073.2	42943.69922	401.83	0	48.852607	-86.933593	56600.26	56237.1	12.89	56613.15	56622.70703	56651.97029	56678.73828	504871.5	5411073.2
L4870.0	504871.5	5411073.2	42943.80078	402.36	0	48.852607	-86.933593	56600.11	56237.1	12.89	56613.00	56622.48828	56646.82698	56673.59766	504871.5	5411073.2
L4870.0	504871.5	5411071.5	42943.89844	402.64	0	48.852593	-86.933593	56600.82	56237.1	12.89	56613.71	56623.12891	56662.79820	56689.56641	504871.5	5411071.5
L4870.0	504871.4	5411069.9	42943.89844	402.64	0	48.852578	-86.933594	56600.82	56237.1	12.89	56613.71	56623.05859	56661.64575	56688.41016	504871.4	5411069.9
L4870.0	504871.4	5411068.8	42944.10156	395.92	0	48.852568	-86.933594	56601.26	56237.1	12.89	56614.15	56623.42578	56671.40014	56698.16406	504871.4	5411068.8
L4870.0	504871.4	5411067.3	42944.19922	397.23	0	48.852554	-86.933595	56600.75	56237.1	12.89	56613.63	56622.83984	56657.96421	56684.72266	504871.4	5411067.3
L4870.0	504871.4	5411067.3	42944.30078	398.70	0	48.852554	-86.933595	56600.75	56237.1	12.89	56613.63	56622.76953	56657.40759	56684.16406	504871.4	5411067.3
L4870.0	504871.3	5411065.7	42944.39844	400.16	0	48.852540	-86.933595	56600.94	56237.1	12.89	56613.83	56622.90234	56661.94495	56688.69531	504871.3	5411065.7
L4870.0	504871.3	5411064.1	42944.50000	401.03	0	48.852526	-86.933596	56601.13	56237.1	12.88	56614.02	56623.02344	56666.47048	56693.21875	504871.3	5411064.1
L4870.0	504871.3	5411062.8	42944.60156	403.28	0	48.852514	-86.933596	56601.57	56237.1	12.88	56614.45	56623.38672	56677.08515	56703.82422	504871.3	5411062.8
L4870.0	504871.3	5411062.8	42944.69922	402.77	0	48.852514	-86.933596	56601.05	56237.1	12.88	56613.93	56622.80078	56664.80579	56691.53906	504871.3	5411062.8
L4870.0	504871.3	5411061.5	42944.80078	403.56	0	48.852502	-86.933596	56601.26	56237.1	12.88	56614.14	56622.94141	56670.57234	56697.29688	504871.3	5411061.5
L4870.0	504871.3	5411061.5	42944.89844	405.29	0	48.852502	-86.933596	56600.57	56237.1	12.88	56613.45	56622.18750	56654.68059	56681.39844	504871.3	5411061.5
L4870.0	504871.2	5411059.4	42945.00000	405.29	0	48.852483	-86.933597	56600.98	56237.1	12.88	56613.86	56622.53125	56665.86573	56692.57422	504871.2	5411059.4
L4870.0	504871.2	5411058.4	42945.10156	405.01	0	48.852474	-86.933597	56600.66	56237.1	12.88	56613.54	56622.14844	56659.54972	56686.25000	504871.2	5411058.4
L4870.0	504871.2	5411056.8	42945.19922	406.10	0	48.852460	-86.933598	56601.16	56237.1	12.88	56614.04	56622.58594	56673.50302	56700.19141	504871.2	5411056.8
L4870.0	504871.1	5411055.6	42945.30078	406.78	0	48.852449	-86.933598	56601.41	56237.1	12.88	56614.30	56622.78125	56681.90642	56708.58203	504871.1	5411055.6
L4870.0	504871.1	5411054.2	42945.39844	408.72	0	48.852437	-86.933598	56601.28	56237.1	12.88	56614.16	56622.58203	56680.86741	56707.53125	504871.1	5411054.2
L4870.0	504871.1	5411054.2	42945.50000	407.87	0	48.852437	-86.933598	56600.67	56237.1	12.88	56613.56	56621.92188	56668.92926	56695.57813	504871.1	5411054.2
L4870.0	504871.1	5411052.5	42945.60156	412.01	0	48.852422	-86.933599	56600.11	56237.1	12.89	56612.99	56621.28906	56658.03463	56684.66797	504871.1	5411052.5
L4870.0	504871.1	5411051.4	42945.69922	412.13	0	48.852412	-86.933599	56600.62	56237.1	12.89	56613.51	56621.75000	56674.01283	56700.63281	504871.1	5411051.4
L4870.0	504871.1	5411050.0	42945.80078	416.04	0	48.852399	-86.933599	56599.95	56237.1	12.89	56612.84	56621.02344	56661.31811	56687.91797	504871.1	5411050.0
L4870.0	504871.1	5411050.0	42945.89844	417.96	0	48.852399	-86.933599	56600.29	56237.1	12.89	56613.17	56621.29688	56673.30948	56699.89453	504871.1	5411050.0
L4870.0	504871.0	5411048.1	42945.89844	417.96	0	48.852382	-86.933600	56599.68	56237.1	12.89	56612.57	56620.63672	56662.96724	56689.53516	504871.0	5411048.1
L4870.0	504871.0	5411046.5	42946.10156	410.84	0	48.852368	-86.933600	56599.76	56237.1	12.89	56612.65	56620.66406	56669.51833	56696.06250	504871.0	5411046.5
L4870.0	504871.0	5411046.5	42946.19922	409.73	0	48.852368	-86.933600	56599.16	56237.1	12.89	56612.05	56620.00781	56659.82912	56686.35156	504871.0	5411046.5
L4870.0	504871.0	5411045.3	42946.30078	414.79	0	48.852357	-86.933600	56598.98	56237.1	12.89	56611.87	56619.77344	56660.69990	56687.20313	504871.0	5411045.3
L4870.0	504871.0	5411044.0	42946.39844	417.36	0	48.852345	-86.933601	56599.07	56237.1	12.89	56611.96	56619.81250	56668.47587	56694.95703	504871.0	5411044.0
L4870.0	504870.9	5411042.3	42946.50000	418.59	0	48.852329	-86.933601	56598.57	56237.1	12.89	56611.46	56619.26172	56662.20346	56688.66016	504870.9	5411042.3
L4870.0	504870.9	5411042.3	42946.60156	419.05	0	48.852329	-86.933601	56598.63	56237.1	12.89	56611.52	56619.26953	56669.89944	56696.32813	504870.9	5411042.3
L4870.0	504870.9	5411041.1	42946.69922	417.33	0	48.852318	-86.933601	56597.71	56237.1	12.89	56610.60	56618.30078	56654.04183	56680.44531	504870.9	5411041.1
L4870.0	504870.9	5411039.2	42946.80078	419.01	0	48.852302	-86.933601	56598.14	56237.1	12.89	56611.03	56618.68359	56671.39538	56697.76953	504870.9	5411039.2
L4870.0	504870.9	5411039.2	42946.89844	416.46	0	48.852302	-86.933601	56596.96	56237.1	12.89	56609.85	56617.45313	56649.84067	56676.18750	504870.9	5411039.2
L4870.0	504870.9	5411037.7	42947.00000	414.90	0	48.852288	-86.933601	56597.02	56237.1	12.89	56609.91	56617.46875	56658.81046	56685.12891	504870.9	5411037.7
L4870.0	504870.9	5411036.0	42947.10156	410.98	0	48.852273	-86.933602	56596.22	56237.1	12.89	56609.11	56616.62500	56647.13702	56673.42188	504870.9	5411036.0
L4870.0	504870.9	5411036.0	42947.19922	408.67	0	48.852273	-86.933602	56596.18	56237.1	12.89	56609.07	56616.53906	56654.28483	56680.53906	504870.9	5411036.0
L4870.0	504870.9	5411034.5	42947.30078	408.94	0	48.852259	-86.933602	56595.84	56237.1	12.88	56608.73	56616.15625	56654.42334	56680.64453	504870.9	5411034.5
L4870.0	504870.9	5411033.2	42947.39844	405.98	0	48.852248	-86.933602	56595.59	56237.1	12.88	56608.48	56615.86719	56657.04881	56683.23438	504870.9	5411033.2
L4870.0	504870.9	5411033.2	42947.50000	406.46	0	48.852248	-86.933602	56595.46	56237.1	12.88	56608.34	56615.68359	56662.64247	56688.79297	504870.9	5411033.2
L4870.0	504870.9	5411031.6	42947.60156	406.50	0	48.852233	-86.933602	56594.66	56237.1	12.88	56607.54	56614.84766	56652.43788	56678.55469	504870.9	5411031.6
L4870.0	504870.9	5411030.0	42947.69922	399.92	0	48.852219	-86.933602	56594.68	56237.1	12.88	56607.55	56614.82031	56662.24267	56688.32031	504870.9	5411030.0
L4870.0	504870.9	5411028.5	42947.80078	399.83	0	48.852205	-86.933602	56593.40	56237.1	12.87	56606.27	56613.50391	56640.88593	56666.92578	504870.9	5411028.5
L4870.0	504870.9	5411027.3	42947.89844	407.29	0	48.852194	-86.933602	56593.29	56237.1	12.87	56606.16	56613.35547	56648.29450	56674.29297	504870.9	5411027.3
L4870.0	504870.9	5411027.3	42947.89844	407.29	0	48.852194	-86.933602	56592.22	56237.1	12.87	56605.10	56612.26172	56632.80944	56658.76953	504870.9	5411027.3
L4870.0	504870.9	5411026.0	42948.10156	409.67	0	48.852183	-86.933602	56592.45	56237.1	12.87	56605.32	56612.44922	56648.75322	56674.67188	504870.9	5411026.0
L4870.0	504870.9	5411024.8	42948.19922	410.90	0	48.852173	-86.933602	56591.86	56237.1	12.87	56604.73	56611.82813	56645.19712	56671.07031	504870.9	5411024.8
L4870.0	504870.9	5411024.8	42948.30078	411.87	0	48.852173	-86.933602	56591.56	56237.1	12.87	56604.43	56611.49609	56648.93209	56674.76172	504870.9	5411024.8
L4870.0	504870.9	5411023.1	42948.39844	414.45	0	48.852157	-86.933601	56590.64	56237.1	12.87	56603.51	56610.55078	56637.77786	56663.56641	504870.9	5411023.1
L4870.0	504870.9	5411021.7	42948.50000	416.17	0	48.852144	-86.933601	56589.75	56237.1	12.87	56602.61	56609.62109	56627.31753	56653.06250	504870.9	5411021.7
L4870.0	504870.9	5411020.4	42948.60156	410.11	0	48.852132	-86.933601	56589.79	56237.1	12.86	56602.66	56609.64453	56640.19941	56665.89844	504870.9	5411020.4
L4870.0	504870.9	5411020.4	42948.69922	409.56	0	48.852132	-86.933601	56588.90	56237.1	12.86	56601.77	56608.73047	56630.36610	56656.01563	504870.9	5411020.4
L4870.0	504870.9	5411018.9	42948.80078	416.61	0	48.852119	-86.933601	56589.06	56237.1	12.86	56601.92	56608.85547	56646.04728	56671.64844	504870.9	5411018.9
L4870.0	504870.9	5411017.7	42948.89844	419.41	0	48.852108	-86.933601	56587.71	56237.1	12.86	56600.57	56607.48438	56625.34879	56650.90234	504870.9	5411017.7
L4870.0	504870.9	5411016.2	42949.00000	421.53	0	48.852095	-86.933601	56587.55	56237.1	12.86	56600.41	56607.30078	56633.79808	56659.30469	504870.9	5411016.2
L4870.0	504870.9	5411014.6	42949.10156	418.95	0	48.852081	-86.933601	56586.54	56237.1	12.86	56599.40	56606.27344	56621.68251	56647.13672	504870.9	5411014.6
L4870.0	504870.9	5411014.6	42949.19922	416.83	0	48.852081	-86.933601	56586.31	56237.1	12.86	56599.17	56606.02344	56628.70378	56654.10547	504870.9	5411014.6
L4870.0	504870.9	5411013.1	42949.30078	416.15	0	48.852067	-86.933601	56585.61	56237.1	12.86	56598.47	56605.30859	56624.39625	56649.75000	504870.9	5411013.1
L4870.0	504871.0	5411011.5	42949.39844	413.78	0	48.852053	-86.933601	56584.87	56237.1	12.86	56597.73	56604.55078	56619.22506	56644.52734	504871.0	5411011.5
L4870.0	504871.0	5411011.5	42949.50000	413.78	0	48.852053	-86.933601	56584.52	56237.1	12.86	56597.38	56604.18750	56623.65528	56648.90625	504871.0	5411011.5
L4870.0	504871.0	5411009.8	42949.60156	413.68	0	48.852037	-86.933601	56583.34	56237.1	12.86	56596.20	56602.99219	56607.95194	56633.14844	504871.0	5411009.8
L4870.0	504871.0	5411008.4	42949.69922	411.25	0	48.852024	-86.933600	56583.29	56237.1	12.86	56596.15	56602.92969	56619.85635	56644.99609	504871.0	5411008.4
L4870.0	504871.0	5411008.4	42949.80078	409.20	0	48.852024	-86.933600	56582.01	56237.1	12.86	56594.87	56601.64063	56601.85892	56626.94531	504871.0	5411008.4
L4870.0	504871.0	5411006.7	42949.89844	408.76	0	48.852010	-86.933600	56581.78	56237.1	12.86	56594.64	56601.40234	56609.49731	56634.53125	504871.0	5411006.7

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4870.0	504871.0	5411004.9	42949.89844	408.76	0	48.851993	-86.933600	56580.69	56237.1	12.86	56593.55	56600.30469	56596.22558	56621.20313	504871.0	5411004.9
L4870.0	504871.0	5411004.9	42950.00000	405.64	0	48.851993	-86.933600	56580.56	56237.1	12.86	56593.42	56600.16797	56606.37413	56631.29688	504871.0	5411004.9
L4870.0	504871.1	5411003.4	42950.19922	403.15	0	48.851979	-86.933600	56579.92	56237.1	12.85	56592.77	56599.51172	56603.87346	56628.73828	504871.1	5411003.4
L4870.0	504871.1	5411002.0	42950.30078	403.15	0	48.851967	-86.933599	56579.32	56237.1	12.85	56592.17	56598.90625	56602.59956	56627.41016	504871.1	5411002.0
L4870.0	504871.1	5411002.0	42950.39844	401.19	0	48.851967	-86.933599	56579.08	56237.2	12.85	56591.93	56598.66406	56610.09393	56634.84766	504871.1	5411002.0
L4870.0	504871.1	5411000.4	42950.50000	403.50	0	48.851952	-86.933599	56578.37	56237.2	12.85	56591.21	56597.94141	56605.88003	56630.57813	504871.1	5411000.4
L4870.0	504871.2	5410998.8	42950.60156	403.84	0	48.851938	-86.933598	56577.98	56237.2	12.84	56590.82	56597.55078	56609.68138	56634.32031	504871.2	5410998.8
L4870.0	504871.2	5410997.6	42950.69922	403.24	0	48.851928	-86.933598	56576.74	56237.2	12.84	56589.58	56596.31250	56592.73801	56617.32031	504871.2	5410997.6
L4870.0	504871.2	5410997.6	42950.80078	404.84	0	48.851928	-86.933598	56576.27	56237.2	12.84	56589.10	56595.83594	56594.26460	56618.78906	504871.2	5410997.6
L4870.0	504871.2	5410995.6	42950.89844	406.21	0	48.851910	-86.933597	56574.97	56237.2	12.83	56587.80	56594.53906	56575.75602	56600.22656	504871.2	5410995.6
L4870.0	504871.2	5410995.6	42951.00000	408.88	0	48.851910	-86.933597	56574.43	56237.2	12.83	56587.26	56594.00391	56575.69634	56600.10938	504871.2	5410995.6
L4870.0	504871.3	5410993.9	42951.10156	409.13	0	48.851894	-86.933597	56573.90	56237.2	12.83	56586.73	56593.48047	56575.80257	56600.16016	504871.3	5410993.9
L4870.0	504871.3	5410992.5	42951.19922	409.72	0	48.851881	-86.933596	56573.72	56237.2	12.83	56586.55	56593.30859	56584.34823	56608.64453	504871.3	5410992.5
L4870.0	504871.4	5410991.2	42951.30078	411.38	0	48.851870	-86.933596	56573.29	56237.2	12.83	56586.12	56592.88672	56586.70526	56610.94531	504871.4	5410991.2
L4870.0	504871.4	5410991.2	42951.39844	412.65	0	48.851870	-86.933596	56572.67	56237.2	12.83	56585.50	56592.27344	56584.32577	56608.51172	504871.4	5410991.2
L4870.0	504871.4	5410989.8	42951.50000	414.54	0	48.851858	-86.933595	56571.66	56237.2	12.83	56584.49	56591.27734	56572.32754	56596.45703	504871.4	5410989.8
L4870.0	504871.4	5410989.8	42951.60156	416.50	0	48.851858	-86.933595	56570.76	56237.2	12.83	56583.59	56590.38672	56562.88314	56586.95703	504871.4	5410989.8
L4870.0	504871.4	5410987.9	42951.69922	416.89	0	48.851840	-86.933595	56570.81	56237.2	12.83	56583.64	56590.44922	56576.44896	56600.46484	504871.4	5410987.9
L4870.0	504871.5	5410986.3	42951.80078	418.82	0	48.851825	-86.933594	56570.40	56237.2	12.83	56583.23	56590.05469	56578.66351	56602.62500	504871.5	5410986.3
L4870.0	504871.5	5410986.3	42951.89844	419.28	0	48.851825	-86.933594	56570.15	56237.2	12.83	56582.98	56589.82031	56584.62368	56608.53125	504871.5	5410986.3
L4870.0	504871.5	5410984.8	42951.89844	419.28	0	48.851812	-86.933594	56569.13	56237.2	12.83	56581.96	56588.81641	56571.66303	56595.51563	504871.5	5410984.8
L4870.0	504871.5	5410983.8	42952.10156	419.37	0	48.851803	-86.933593	56568.70	56237.2	12.83	56581.52	56588.39453	56572.66441	56596.46094	504871.5	5410983.8
L4870.0	504871.6	5410982.5	42952.19922	419.72	0	48.851791	-86.933593	56567.85	56237.2	12.83	56580.67	56587.56250	56563.50007	56587.24219	504871.6	5410982.5
L4870.0	504871.6	5410982.5	42952.30078	418.23	0	48.851791	-86.933593	56567.04	56237.2	12.82	56579.86	56586.76953	56555.12616	56578.81641	504871.6	5410982.5
L4870.0	504871.6	5410980.9	42952.39844	416.28	0	48.851777	-86.933593	56566.34	56237.2	12.82	56579.17	56586.10156	56549.48456	56573.12109	504871.6	5410980.9
L4870.0	504871.6	5410979.4	42952.50000	414.68	0	48.851764	-86.933592	56566.27	56237.2	12.82	56579.09	56586.04297	56558.50653	56582.09375	504871.6	5410979.4
L4870.0	504871.6	5410979.4	42952.60156	413.71	0	48.851764	-86.933592	56566.49	56237.2	12.82	56579.31	56586.28516	56574.63269	56598.16797	504871.6	5410979.4
L4870.0	504871.6	5410978.1	42952.69922	412.91	0	48.851752	-86.933592	56565.98	56237.2	12.82	56578.80	56585.79688	56572.76218	56596.24609	504871.6	5410978.1
L4870.0	504871.7	5410976.8	42952.80078	409.70	0	48.851740	-86.933592	56565.47	56237.2	12.81	56578.29	56585.31250	56570.67438	56594.10547	504871.7	5410976.8
L4870.0	504871.7	5410976.8	42952.89844	410.23	0	48.851740	-86.933592	56564.15	56237.2	12.81	56576.96	56584.00781	56548.38536	56571.76953	504871.7	5410976.8
L4870.0	504871.7	5410975.2	42953.00000	408.07	0	48.851726	-86.933592	56563.77	56237.2	12.81	56576.58	56583.65234	56549.01329	56572.34766	504871.7	5410975.2
L4870.0	504871.7	5410973.2	42953.10156	408.00	0	48.851708	-86.933591	56563.08	56237.2	12.81	56575.89	56582.99219	56541.85486	56565.14063	504871.7	5410973.2
L4870.0	504871.7	5410972.0	42953.19922	407.67	0	48.851698	-86.933591	56562.80	56237.2	12.81	56575.60	56582.73047	56544.20338	56567.44141	504871.7	5410972.0
L4870.0	504871.7	5410972.0	42953.30078	406.89	0	48.851698	-86.933591	56562.64	56237.2	12.81	56575.45	56582.60938	56549.71977	56572.91016	504871.7	5410972.0
L4870.0	504871.7	5410970.5	42953.39844	406.04	0	48.851684	-86.933592	56562.29	56237.2	12.81	56575.09	56582.27734	56549.87253	56573.01953	504871.7	5410970.5
L4870.0	504871.7	5410969.4	42953.50000	405.74	0	48.851674	-86.933592	56562.08	56237.2	12.81	56574.88	56582.09766	56553.42863	56576.53125	504871.7	5410969.4
L4870.0	504871.7	5410967.9	42953.60156	403.41	0	48.851661	-86.933592	56561.46	56237.2	12.80	56574.27	56581.51953	56546.98445	56570.04297	504871.7	5410967.9
L4870.0	504871.7	5410966.4	42953.69922	406.11	0	48.851647	-86.933591	56561.50	56237.2	12.80	56574.30	56581.57813	56555.87485	56578.88672	504871.7	5410966.4
L4870.0	504871.7	5410966.4	42953.80078	404.85	0	48.851647	-86.933591	56560.53	56237.2	12.80	56573.33	56580.64063	56540.14047	56563.10938	504871.7	5410966.4
L4870.0	504871.7	5410964.6	42953.89844	404.77	0	48.851631	-86.933591	56560.81	56237.2	12.80	56573.61	56580.95703	56554.59676	56577.52734	504871.7	5410964.6
L4870.0	504871.7	5410964.6	42953.89844	404.77	0	48.851631	-86.933591	56560.04	56237.2	12.80	56572.84	56580.21875	56543.20500	56566.09375	504871.7	5410964.6
L4870.0	504871.7	5410963.2	42954.10156	406.92	0	48.851618	-86.933591	56560.22	56237.2	12.80	56573.02	56580.43359	56554.69032	56577.53906	504871.7	5410963.2
L4870.0	504871.7	5410961.9	42954.19922	411.05	0	48.851606	-86.933591	56559.58	56237.2	12.79	56572.37	56579.81641	56545.68369	56568.49219	504871.7	5410961.9
L4870.0	504871.7	5410960.6	42954.30078	410.24	0	48.851595	-86.933591	56559.50	56237.2	12.79	56572.29	56579.77344	56550.29268	56573.06641	504871.7	5410960.6
L4870.0	504871.7	5410960.6	42954.39844	410.75	0	48.851595	-86.933591	56559.35	56237.2	12.79	56572.14	56579.66016	56552.92337	56575.66016	504871.7	5410960.6
L4870.0	504871.7	5410959.0	42954.50000	413.64	0	48.851580	-86.933591	56558.74	56237.2	12.78	56571.52	56579.07813	56543.82941	56566.53125	504871.7	5410959.0
L4870.0	504871.8	5410957.7	42954.60156	416.11	0	48.851568	-86.933591	56558.64	56237.2	12.78	56571.42	56579.01172	56547.13017	56569.79688	504871.8	5410957.7
L4870.0	504871.8	5410957.7	42954.69922	415.76	0	48.851568	-86.933591	56557.92	56237.2	12.78	56570.70	56578.33203	56535.05081	56557.67969	504871.8	5410957.7
L4870.0	504871.8	5410956.1	42954.80078	415.18	0	48.851554	-86.933591	56558.26	56237.2	12.78	56571.03	56578.69922	56548.27853	56570.87500	504871.8	5410956.1
L4870.0	504871.8	5410954.9	42954.89844	416.99	0	48.851543	-86.933591	56557.92	56237.2	12.77	56570.69	56578.39844	56544.90814	56567.47266	504871.8	5410954.9
L4870.0	504871.8	5410953.3	42955.00000	415.63	0	48.851529	-86.933590	56558.34	56237.2	12.77	56571.11	56578.85547	56559.78015	56582.31641	504871.8	5410953.3
L4870.0	504871.8	5410952.0	42955.10156	419.31	0	48.851517	-86.933590	56557.46	56237.2	12.77	56570.23	56578.01563	56542.70629	56565.21094	504871.8	5410952.0
L4870.0	504871.8	5410950.8	42955.19922	421.77	0	48.851507	-86.933590	56557.24	56237.2	12.77	56570.01	56577.83203	56541.44033	56563.91797	504871.8	5410950.8
L4870.0	504871.8	5410950.8	42955.30078	422.55	0	48.851507	-86.933590	56556.77	56237.2	12.78	56569.55	56577.41406	56534.05635	56556.50391	504871.8	5410950.8
L4870.0	504871.8	5410948.8	42955.39844	422.22	0	48.851489	-86.933590	56556.70	56237.2	12.78	56569.48	56577.38281	56535.90501	56558.32813	504871.8	5410948.8
L4870.0	504871.8	5410947.7	42955.50000	420.51	0	48.851478	-86.933590	56556.82	56237.2	12.78	56569.60	56577.54297	56542.11545	56564.51172	504871.8	5410947.7
L4870.0	504871.8	5410946.3	42955.60156	420.10	0	48.851466	-86.933590	56556.57	56237.2	12.78	56569.35	56577.33203	56539.04613	56561.41797	504871.8	5410946.3
L4870.0	504871.8	5410946.3	42955.69922	418.74	0	48.851466	-86.933590	56557.14	56237.2	12.78	56569.93	56577.95313	56555.93576	56578.28125	504871.8	5410946.3
L4870.0	504871.8	5410946.3	42955.80078	414.06	0	48.851466	-86.933590	56556.54	56237.2	12.79	56569.33	56577.39453	56543.81603	56566.13672	504871.8	5410946.3
L4870.0	504871.9	5410944.4	42955.89844	414.64	0	48.851449	-86.933589	56557.00	56237.2	12.79	56569.79	56577.89453	56557.26430	56579.56641	504871.9	5410944.4
L4870.0	504871.9	5410943.1	42955.89844	414.64	0	48.851437	-86.933589	56556.64	56237.2	12.79	56569.43	56577.57422	56550.47999	56572.75781	504871.9	5410943.1
L4870.0	504871.9	5410941.9	42956.10156	415.68	0	48.851426	-86.933589	56557.08	56237.2	12.79	56569.87	56578.05469	56562.93546	56585.19531	504871.9	5410941.9
L4870.0	504871.9	5410940.7	42956.19922	414.91	0	48.851415	-86.933589	56556.32	56237.2	12.79	56569.11	56577.33594	56545.90695	56568.14453	504871.9	5410940.7
L4870.0	504871.9	5410940.7	42956.30078	409.03	0	48.851415	-86.933589	56556.14	56237.2	12.78	56568.92	56577.18750	56542.52179	56564.74219	504871.9	5410940.7
L4870.0	504871.9	5410938.6	42956.39844	405.18	0	48.851397	-86.933589	56556.14	56237.2	12.78	56568.92	56577.22656	56543.52570	56565.72656	504871.9	5410938.6
L4870.0	504871.9	5410936.9	42956.50000	407.95	0	48.851381	-86.933589	56556.19	56237.2	12.78	56568.97	56577.31641	56545.51188	56567.69531	504871.9	5410936.9
L4870.0	504871.9	5410936.9	42956.60156	407.00	0	48.851381	-86.933589	56556.64	56237.2	12.78	56569.42	56577.80859	56557.01191	56579.17969	504871.9	5410936.9
L4870.0	504871.9	5410935.6	42956.69922	407.35	0	48.851369	-86.933589	56556.26	56237.2	12.78	56569.03	56577.45703	56547.81937	56569.96875	504871.9	5410935.6
L4870.0	504871.9	5410933.8	42956.80078	408.32	0	48.851354	-86.933589	56556.70	56237.2	12.77	56569.47	56577.93750	56558.62618	56580.76172	504871.9	5410933.8
L4870.0	504871.9	5410933.8	42956.89844	406.01	0	48.851354	-86.933589	56556.32	56237.2	12.77	56569.09	56577.59766	56549.23718	56571.35547	504871.9	5410933.8
L4870.0	504871.9	5410932.0	42957.00000	404.07	0	48.851338	-86.933589	56556.80	56237.2	12.77	56569.57	56578.11719	56560.58826	56582.69531	504871.9	5410932.0
L4870.0	504871.9	5410930.5	42957.10156	403.72	0	48.851324	-86.933589	56556.63	56237.2	12.77	56569.39	56577.97656	56555.65186	56577.74219	504871.9	5410930.5
L4870.0	504871.9	5410930.5	42957.19922	403.74	0	48.851324	-86.933589	56556.95	56237.2	12.77	56569.72	56578.34375	56562.93872	56585.01563	504871.9	5410930.5
L4870.0	504871.9	5410929.2	42957.30078	402.16	0	48.851312	-86.933590	56556.90	56237.2	12.77	56569.67	56578.33203	56560.77064	56582.83594	504871.9	5410929.2
L4870.0	504871.9	5410929.2	42957.39844	401.00	0	48.851312	-86.933590	56556.95	56237.2	12.77	56569.72	56578.42188	56560.84773	56582.89844	504871.9	5410929.2
L4870.0	504871.8	5410927.7	42957.50000	401.95	0	48.851299	-86.933590	56557.28	56237.2	12.77	56570.05	56578.78906	56567.56114	56589.60156	504871.8	5410927.7
L4870.0	504871.8	5410926.3	42957.60156	403.13	0	48.851286	-86.933590	56556.82	56237.2	12.77	56569.59	56578.36719	56554.84761	56576.87500	504871.8	5410926.3
L4870.0	504871.8	5410924.7	42957.69922	403.95	0	48.851271	-86.933591	56557.39	56237.2	12.77	56570.16	56578.97266	56567.05484	56589.07031	504871.8	5410924.7
L4870.0	504871.8	5410923.1	42957.80078	406.23	0	48.851257	-86.933591	56557.13	56237.2	12.77	56569.90	56578.75000	56558.87251	56580.87500	504871.8	5410923.1
L4870.0	504871.8	5410923.1	42957.89844	408.03	0	48.851257	-86.933591	56558.11	56237.2	12.77	56570.88	56579.76563	56580.73944	56602.73047	504871.8	5410923.1
L4870.0	504871.8	5410921.6	42957.89844	408.03	0	48.851243	-86.933591	56557.79	56237.2	12.77	56570.56	56579.48047	56570.77821	56592.75781	504871.8	5410921.6
L4870.0	504871.8	5410921.6	42958.10156	408.63	0	48.851243	-86.933591	56558.13	56237.2	12.77	56570.90	56579.85156	56576.74779	56598.71875	504871.8	5410921.6
L4870.0	504871.7	5410919.8	42958.19922	413.54	0	48.851228	-86.933591	56557.87	56237.2	12.77	56570.63	56579.61719	56567.71272	56589.67188	504871.7	5410919.8
L4870.0	504871.7	5410918.0	42958.30078	416.92	0	48.851211	-86.933592	56558.23	56237.2	12.77	56571.00	56580.01953	56574.13392	56596.08203	504871.7	5410918.0
L4870.0	504871.7	5410918.0	42958.39844	419.94	0	48.851211	-86.933592	56558.36	56237.2	12.77	56571.12	56580.17188	56574.33422	56596.26953	504871.7	5410918.0
L4870.0	504871.7	5410916.7	42958.50000	420.93	0	48.851199	-86.933592	56558.18	56237.2	12.76	56570.94	56580.02344	56567.10192	56589.02344	504871.7	5410916.7
L4870.0	504871.7	5410915.2	42958.60156	421.71	0	48.851186	-86.933592	56558.74	56237.2	12.76	56571.50	56580.61328	56577.78170	56599.69141	504871.7	5410915.2
L4870.0	504871.7	5410913.8	42958.69922	423.76	0	48.851174	-86.933592	56558.69	56237.2	12.76	56571.45	56580.59375	56573.48923	56595.38672	504871.7	5410913.8
L4870.0	504871.7	5410913.8	42958.80078	425.19	0	48.851174	-86.933592	56559.35	56237.2	12.76	56572.11	56581.28516	56586.39106	56608.27734	504871.7	5410913.8
L4870.0	504871.7	5410912.2	42958.89844	426.47	0	48.851159	-86.933593	56558.94	56237.2	12.76	56571.70	56580.90234	56573.12650	56594.99609	504871.7	5410912.2
L4870.0	504871.7	5410912.2	42959.00000	425.88	0	48.851159	-86.933593	56559.41	56237.2	12.76	56572.17	56581.39844	56581.21121	56603.07031	504871.7	5410912.2
L4870.0	504871.7	5410910.9	42959.10156	425.52	0	48.851147	-86.933593	56559.14	56237.2	12.76	56571.90	56581.15625	56571.18266	56593.02734	504871.7	5410910.9
L4870.0	504871.7	5410909.4	42959.19922	422.20	0	48.851134	-86.933593	56559.71	56237.2	12.76	56572.47	56581.75000	56581.54196	56603.37109	504871.7	5410909.4

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4870.0	504871.6	5410907.5	42959.30078	420.54	0	48.851117	-86.933593	56560.12	56237.2	12.76	56572.88	56582.18359	56587.93201	56609.74219	504871.6	5410907.5
L4870.0	504871.6	5410907.5	42959.39844	419.57	0	48.851117	-86.933593	56560.17	56237.2	12.76	56572.92	56582.25000	56585.24294	56607.03906	504871.6	5410907.5
L4870.0	504871.6	5410906.2	42959.50000	418.46	0	48.851105	-86.933593	56560.93	56237.2	12.76	56573.69	56583.03906	56600.28121	56622.05859	504871.6	5410906.2
L4870.0	504871.6	5410904.7	42959.60156	417.76	0	48.851091	-86.933593	56560.68	56237.2	12.75	56573.43	56582.80078	56590.17326	56611.93359	504871.6	5410904.7
L4870.0	504871.6	5410904.7	42959.69922	418.94	0	48.851091	-86.933593	56561.16	56237.2	12.75	56573.91	56583.30078	56598.04908	56619.78906	504871.6	5410904.7
L4870.0	504871.6	5410903.0	42959.80078	418.14	0	48.851077	-86.933594	56560.66	56237.2	12.75	56573.41	56582.82031	56582.00955	56603.72656	504871.6	5410903.0
L4870.0	504871.6	5410901.6	42959.89844	419.12	0	48.851064	-86.933594	56561.34	56237.2	12.75	56574.09	56583.51953	56594.68634	56616.38281	504871.6	5410901.6
L4870.0	504871.6	5410901.6	42959.89844	419.12	0	48.851064	-86.933594	56561.26	56237.2	12.75	56574.01	56583.45703	56588.82020	56610.49609	504871.6	5410901.6
L4870.0	504871.5	5410899.8	42960.10156	414.19	0	48.851048	-86.933594	56561.75	56237.3	12.75	56574.50	56583.96094	56596.82084	56618.47266	504871.5	5410899.8
L4870.0	504871.5	5410899.8	42960.19922	413.21	0	48.851048	-86.933594	56561.68	56237.3	12.75	56574.43	56583.90625	56591.16340	56612.78906	504871.5	5410899.8
L4870.0	504871.5	5410897.8	42960.30078	412.75	0	48.851029	-86.933595	56561.62	56237.3	12.75	56574.37	56583.85938	56585.74105	56607.33984	504871.5	5410897.8
L4870.0	504871.5	5410896.3	42960.39844	412.54	0	48.851016	-86.933595	56561.98	56237.3	12.75	56574.73	56584.23047	56590.54873	56612.12109	504871.5	5410896.3
L4870.0	504871.5	5410894.9	42960.50000	412.76	0	48.851004	-86.933595	56561.96	56237.3	12.75	56574.71	56584.22266	56586.10128	56607.64453	504871.5	5410894.9
L4870.0	504871.5	5410894.9	42960.60156	411.50	0	48.851004	-86.933595	56562.88	56237.3	12.75	56575.63	56585.14844	56604.56430	56626.07813	504871.5	5410894.9
L4870.0	504871.5	5410893.6	42960.69922	408.03	0	48.850992	-86.933596	56562.90	56237.3	12.75	56575.65	56585.17578	56601.11427	56622.59766	504871.5	5410893.6
L4870.0	504871.5	5410893.6	42960.80078	406.27	0	48.850992	-86.933596	56563.64	56237.3	12.75	56576.39	56585.92578	56615.22566	56636.67188	504871.5	5410893.6
L4870.0	504871.5	5410891.9	42960.89844	404.69	0	48.850976	-86.933596	56563.13	56237.3	12.75	56575.88	56585.41797	56598.90744	56620.32031	504871.5	5410891.9
L4870.0	504871.5	5410890.3	42961.00000	406.50	0	48.850962	-86.933596	56563.23	56237.3	12.75	56575.98	56585.52344	56597.48113	56618.85938	504871.5	5410890.3
L4870.0	504871.5	5410889.0	42961.10156	405.26	0	48.850950	-86.933595	56562.95	56237.3	12.75	56575.70	56585.24609	56586.83182	56608.17188	504871.5	5410889.0
L4870.0	504871.5	5410889.0	42961.19922	402.35	0	48.850950	-86.933595	56563.16	56237.3	12.75	56575.91	56585.45703	56588.16079	56609.46094	504871.5	5410889.0
L4870.0	504871.5	5410887.4	42961.30078	401.99	0	48.850936	-86.933595	56563.34	56237.3	12.75	56576.09	56585.63281	56588.80379	56610.05859	504871.5	5410887.4
L4870.0	504871.5	5410885.6	42961.39844	400.23	0	48.850920	-86.933595	56563.94	56237.3	12.75	56576.69	56586.23438	56599.72913	56620.94141	504871.5	5410885.6
L4870.0	504871.5	5410885.6	42961.50000	401.20	0	48.850920	-86.933595	56564.92	56237.3	12.75	56577.67	56587.20703	56619.96684	56641.13672	504871.5	5410885.6
L4870.0	504871.5	5410884.5	42961.60156	399.30	0	48.850910	-86.933595	56564.71	56237.3	12.75	56577.46	56586.99219	56611.27046	56632.39063	504871.5	5410884.5
L4870.0	504871.6	5410883.1	42961.69922	398.39	0	48.850898	-86.933594	56564.91	56237.3	12.75	56577.66	56587.18750	56612.62611	56633.69922	504871.6	5410883.1
L4870.0	504871.6	5410881.9	42961.80078	401.14	0	48.850887	-86.933594	56564.25	56237.3	12.75	56577.00	56586.51953	56593.09616	56614.11719	504871.6	5410881.9
L4870.0	504871.6	5410881.9	42961.89844	403.04	0	48.850887	-86.933594	56564.96	56237.3	12.75	56577.71	56587.21875	56607.01557	56627.98047	504871.6	5410881.9
L4870.0	504871.6	5410880.1	42961.89844	403.04	0	48.850871	-86.933594	56564.71	56237.3	12.75	56577.46	56586.95703	56597.62101	56618.53516	504871.6	5410880.1
L4870.0	504871.6	5410878.2	42962.10156	405.77	0	48.850854	-86.933594	56565.68	56237.2	12.75	56578.43	56587.91406	56618.02899	56638.88672	504871.6	5410878.2
L4870.0	504871.6	5410878.2	42962.19922	409.16	0	48.850854	-86.933594	56565.63	56237.2	12.76	56578.39	56587.85938	56613.91233	56634.71094	504871.6	5410878.2
L4870.0	504871.6	5410876.9	42962.30078	409.95	0	48.850842	-86.933594	56566.06	56237.2	12.76	56578.82	56588.27344	56621.33275	56642.06641	504871.6	5410876.9
L4870.0	504871.6	5410875.9	42962.39844	411.81	0	48.850832	-86.933594	56565.91	56237.2	12.76	56578.67	56588.10547	56614.71189	56635.38281	504871.6	5410875.9
L4870.0	504871.6	5410875.9	42962.50000	415.73	0	48.850832	-86.933594	56565.73	56237.2	12.76	56578.50	56587.91406	56607.69673	56628.30469	504871.6	5410875.9
L4870.0	504871.6	5410874.5	42962.60156	417.25	0	48.850820	-86.933593	56566.04	56237.2	12.77	56578.81	56588.20313	56612.47230	56633.01563	504871.6	5410874.5
L4870.0	504871.6	5410873.0	42962.69922	421.47	0	48.850806	-86.933594	56565.96	56237.2	12.77	56578.73	56588.10156	56607.84538	56628.31641	504871.6	5410873.0
L4870.0	504871.6	5410873.0	42962.80078	423.67	0	48.850806	-86.933594	56566.75	56237.2	12.77	56579.53	56588.87500	56624.76079	56645.16016	504871.6	5410873.0
L4870.0	504871.6	5410871.2	42962.89844	426.62	0	48.850790	-86.933594	56566.80	56237.2	12.78	56579.57	56588.89063	56623.26511	56643.58984	504871.6	5410871.2
L4870.0	504871.6	5410869.8	42963.00000	428.06	0	48.850778	-86.933594	56567.16	56237.2	12.78	56579.94	56589.23438	56629.91752	56650.16797	504871.6	5410869.8
L4870.0	504871.6	5410868.3	42963.10156	427.65	0	48.850764	-86.933594	56566.50	56237.2	12.78	56579.28	56588.54297	56611.58624	56631.76172	504871.6	5410868.3
L4870.0	504871.6	5410867.3	42963.19922	425.74	0	48.850755	-86.933594	56566.88	56237.2	12.78	56579.66	56588.89063	56618.70664	56638.80078	504871.6	5410867.3
L4870.0	504871.6	5410867.3	42963.30078	425.22	0	48.850755	-86.933594	56566.98	56237.2	12.78	56579.76	56588.96094	56619.12134	56639.13281	504871.6	5410867.3
L4870.0	504871.6	5410865.9	42963.39844	427.03	0	48.850743	-86.933594	56567.60	56237.2	12.78	56580.37	56589.53516	56632.08011	56652.00781	504871.6	5410865.9
L4870.0	504871.6	5410865.9	42963.50000	425.59	0	48.850743	-86.933594	56567.49	56237.2	12.77	56580.26	56589.38672	56627.61816	56647.46094	504871.6	5410865.9
L4870.0	504871.6	5410864.3	42963.60156	424.15	0	48.850728	-86.933594	56567.06	56237.2	12.77	56579.83	56588.92188	56615.48335	56635.24219	504871.6	5410864.3
L4870.0	504871.6	5410863.1	42963.69922	418.15	0	48.850717	-86.933594	56567.39	56237.2	12.77	56580.16	56589.21094	56621.99077	56641.65625	504871.6	5410863.1
L4870.0	504871.6	5410861.5	42963.80078	414.35	0	48.850703	-86.933594	56567.36	56237.2	12.77	56580.13	56589.14063	56619.85547	56639.42969	504871.6	5410861.5
L4870.0	504871.6	5410860.0	42963.89844	416.58	0	48.850690	-86.933594	56567.52	56237.2	12.77	56580.29	56589.25781	56622.47974	56641.96094	504871.6	5410860.0
L4870.0	504871.6	5410860.0	42963.89844	416.58	0	48.850690	-86.933594	56567.46	56237.2	12.77	56580.23	56589.15234	56619.87675	56639.26563	504871.6	5410860.0
L4870.0	504871.6	5410858.7	42964.10156	411.40	0	48.850678	-86.933595	56567.90	56237.2	12.77	56580.67	56589.54297	56629.59058	56648.88281	504871.6	5410858.7
L4870.0	504871.6	5410858.7	42964.19922	404.27	0	48.850678	-86.933595	56567.92	56237.2	12.77	56580.70	56589.52734	56629.45254	56648.64453	504871.6	5410858.7
L4870.0	504871.5	5410857.1	42964.30078	400.65	0	48.850664	-86.933595	56567.90	56237.2	12.78	56580.67	56589.44531	56627.99217	56647.08203	504871.5	5410857.1
L4870.0	504871.5	5410855.6	42964.39844	397.80	0	48.850651	-86.933595	56567.83	56237.2	12.78	56580.61	56589.33594	56625.94259	56644.92969	504871.5	5410855.6
L4870.0	504871.6	5410854.4	42964.50000	396.58	0	48.850640	-86.933595	56567.39	56237.2	12.78	56580.17	56588.83984	56614.77882	56633.66406	504871.6	5410854.4
L4870.0	504871.6	5410853.1	42964.60156	395.80	0	48.850628	-86.933595	56567.32	56237.2	12.78	56580.10	56588.71484	56612.77584	56631.55859	504871.6	5410853.1
L4870.0	504871.6	5410853.1	42964.69922	395.24	0	48.850628	-86.933595	56567.46	56237.2	12.78	56580.25	56588.80859	56616.28142	56634.95313	504871.6	5410853.1
L4870.0	504871.6	5410851.2	42964.80078	390.89	0	48.850611	-86.933594	56567.88	56237.2	12.79	56580.67	56589.17188	56626.51609	56645.07813	504871.6	5410851.2
L4870.0	504871.6	5410851.2	42964.89844	392.56	0	48.850611	-86.933594	56567.82	56237.2	12.79	56580.61	56589.05078	56625.20953	56643.66406	504871.6	5410851.2
L4870.0	504871.6	5410849.7	42965.00000	397.13	0	48.850597	-86.933594	56567.97	56237.2	12.79	56580.76	56589.14063	56629.17509	56647.51953	504871.6	5410849.7
L4870.0	504871.6	5410848.5	42965.10156	401.86	0	48.850586	-86.933594	56568.03	56237.2	12.79	56580.81	56589.12500	56630.86254	56649.09766	504871.6	5410848.5
L4870.0	504871.6	5410846.7	42965.19922	405.76	0	48.850570	-86.933594	56568.21	56237.2	12.78	56581.00	56589.25000	56636.12172	56654.24219	504871.6	5410846.7
L4870.0	504871.6	5410846.7	42965.30078	409.91	0	48.850570	-86.933594	56568.59	56237.2	12.78	56581.37	56589.55469	56645.92985	56663.93359	504871.6	5410846.7
L4870.0	504871.6	5410845.2	42965.39844	414.48	0	48.850557	-86.933594	56567.88	56237.2	12.78	56580.65	56588.76563	56629.34782	56647.23438	504871.6	5410845.2
L4870.0	504871.6	5410843.8	42965.50000	416.98	0	48.850544	-86.933594	56567.95	56237.2	12.78	56580.72	56588.76563	56632.18208	56649.95313	504871.6	5410843.8
L4870.0	504871.6	5410843.8	42965.60156	419.98	0	48.850544	-86.933594	56567.63	56237.2	12.77	56580.40	56588.37500	56625.68645	56643.34375	504871.6	5410843.8
L4870.0	504871.6	5410842.4	42965.69922	423.94	0	48.850531	-86.933594	56567.74	56237.2	12.77	56580.51	56588.41016	56629.84212	56647.37891	504871.6	5410842.4
L4870.0	504871.6	5410841.1	42965.80078	424.54	0	48.850519	-86.933595	56567.64	56237.2	12.77	56580.41	56588.23828	56629.05946	56646.47266	504871.6	5410841.1
L4870.0	504871.6	5410839.7	42965.89844	426.06	0	48.850507	-86.933595	56567.65	56237.2	12.76	56580.41	56588.16016	56630.89442	56648.18750	504871.6	5410839.7
L4870.0	504871.6	5410839.7	42965.89844	426.06	0	48.850507	-86.933595	56567.49	56237.2	12.76	56580.25	56587.92188	56629.01578	56646.19141	504871.6	5410839.7
L4870.0	504871.6	5410838.1	42966.10156	425.42	0	48.850493	-86.933595	56567.39	56237.2	12.76	56580.16	56587.75391	56629.03062	56646.08594	504871.6	5410838.1
L4870.0	504871.6	5410836.8	42966.19922	426.35	0	48.850481	-86.933594	56567.52	56237.2	12.76	56580.28	56587.79297	56634.35342	56651.28125	504871.6	5410836.8
L4870.0	504871.6	5410836.8	42966.30078	424.13	0	48.850481	-86.933594	56567.44	56237.2	12.76	56580.20	56587.62891	56634.99876	56651.80469	504871.6	5410836.8
L4870.0	504871.6	5410835.2	42966.39844	422.53	0	48.850467	-86.933594	56567.26	56237.2	12.76	56580.02	56587.36328	56633.40684	56650.08984	504871.6	5410835.2
L4870.0	504871.6	5410833.9	42966.50000	417.31	0	48.850455	-86.933594	56566.57	56237.2	12.76	56579.34	56586.59766	56619.83612	56636.39844	504871.6	5410833.9
L4870.0	504871.6	5410832.5	42966.60156	410.42	0	48.850443	-86.933594	56566.52	56237.2	12.77	56579.29	56586.46094	56621.82158	56638.25781	504871.6	5410832.5
L4870.0	504871.6	5410832.5	42966.69922	405.32	0	48.850443	-86.933594	56566.47	56237.2	12.77	56579.24	56586.32422	56624.01832	56640.32813	504871.6	5410832.5
L4870.0	504871.6	5410831.2	42966.80078	397.96	0	48.850430	-86.933594	56566.80	56237.2	12.77	56579.56	56586.55078	56635.44522	56651.62891	504871.6	5410831.2
L4870.0	504871.6	5410831.2	42966.89844	393.54	0	48.850430	-86.933594	56566.78	56237.2	12.77	56579.55	56586.44922	56639.05217	56655.11328	504871.6	5410831.2
L4870.0	504871.6	5410829.7	42967.00000	391.86	0	48.850417	-86.933594	56566.42	56237.2	12.77	56579.19	56585.99609	56634.35648	56650.29688	504871.6	5410829.7
L4870.0	504871.6	5410828.4	42967.10156	393.54	0	48.850405	-86.933594	56566.09	56237.2	12.77	56578.86	56585.57422	56630.62104	56646.43750	504871.6	5410828.4
L4870.0	504871.6	5410826.7	42967.19922	397.57	0	48.850390	-86.933595	56565.73	56237.2	12.77	56578.50	56585.11719	56626.38884	56642.07813	504871.6	5410826.7
L4870.0	504871.6	5410825.4	42967.30078	401.03	0	48.850378	-86.933595	56565.73	56237.2	12.78	56578.51	56585.02734	56631.41030	56646.97266	504871.6	5410825.4
L4870.0	504871.6	5410825.4	42967.39844	395.38	0	48.850378	-86.933595	56565.45	56237.2	12.78	56578.23	56584.64844	56629.61046	56645.05078	504871.6	5410825.4
L4870.0	504871.6	5410824.1	42967.50000	400.32	0	48.850367	-86.933595	56565.63	56237.2	12.78	56578.41	56584.73047	56639.26721	56654.58594	504871.6	5410824.1
L4870.0	504871.5	5410822.7	42967.60156	411.56	0	48.850354	-86.933595	56565.25	56237.2	12.78	56578.03	56584.24609	56635.53495	56650.73047	504871.5	5410822.7
L4870.0	504871.5	5410821.5	42967.69922	414.34	0	48.850343	-86.933595	56565.09	56237.2	12.78	56577.88	56583.99609	56637.66631	56652.73828	504871.5	5410821.5
L4870.0	504871.5	5410821.5	42967.80078	417.76	0	48.850343	-86.933595	56564.94	56237.2	12.79	56577.72	56583.73047	56639.81949	56654.76953	504871.5	5410821.5
L4870.0	504871.5	5410819.9	42967.89844	422.11	0	48.850329	-86.933595	56564.59	56237.2	12.79	56577.37	56583.27344	56637.61461	56652.44141	504871.5	5410819.9
L4870.0	504871.5	5410818.6	42967.89844	422.11	0	48.850317	-86.933595	56564.20	56237.2	12.79	56576.99	56582.78906	56634.95547	56649.66406	504871.5	5410818.6
L4870.0	504871.5	5410817.2	42968.10156	424.97	0	48.850305	-86.933595	56563.66	56237.2	12.79	56576.45	56582.14063	56628.68051	56643.26953	504871.5	5410817.2
L4870.0	504871.5	5410817.2	42968.19922	426.98	0	48.850305	-86.933595	56563.52	56237.2	12.79	56576.31	56581.89063	56632.43916	56646.90625	504871.5	5410817.2
L4870.0	504871.5	5410815.4	42968.30078	427.40	0	48.850289	-86.933595	56563.38	56237.2	12.79	56576.18	56581.64844	56636.73541	56651.08594	504871.5	5410815.4
L4870.0	504871.5	5410814.2	42968.39844	425.71	0	48.850278	-86.933595	56563.06	56237.2	12.79	56575.85	56581.20703	56636.45879	56650.69141	504871.5	5410814.2
L4870.0	504871.5	5410812.9	42968.50000	426.29	0	48.850265	-86.933595	56562.44	56237.2	12.79	56575.23	56580.47266	56629.42246	56643.54297	504871.5	5410812.9

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4870.0	504871.5	5410812.9	42968.60156	427.65	0	48.850265	-86.933595	56562.31	56237.2	12.80	56575.11	56580.23828	56634.87963	56648.88281	504871.5	5410812.9
L4870.0	504871.5	5410811.3	42968.69922	427.80	0	48.850252	-86.933595	56562.06	56237.2	12.80	56574.86	56579.87109	56637.48714	56651.37500	504871.5	5410811.3
L4870.0	504871.5	5410810.0	42968.80078	427.58	0	48.850240	-86.933595	56561.98	56237.2	12.80	56574.78	56579.67578	56644.56003	56658.33203	504871.5	5410810.0
L4870.0	504871.5	5410808.5	42968.89844	426.91	0	48.850226	-86.933595	56561.29	56237.2	12.80	56574.09	56578.86719	56637.10060	56650.76172	504871.5	5410808.5
L4870.0	504871.5	5410808.5	42969.00000	428.48	0	48.850226	-86.933595	56560.55	56237.2	12.80	56573.35	56578.00781	56628.75837	56642.31250	504871.5	5410808.5
L4870.0	504871.5	5410807.1	42969.10156	427.76	0	48.850214	-86.933595	56560.20	56237.2	12.80	56573.00	56577.53516	56630.25920	56643.70313	504871.5	5410807.1
L4870.0	504871.5	5410806.0	42969.19922	429.38	0	48.850204	-86.933595	56559.94	56237.2	12.80	56572.74	56577.15625	56634.29981	56647.63281	504871.5	5410806.0
L4870.0	504871.5	5410804.5	42969.30078	427.28	0	48.850190	-86.933595	56559.86	56237.2	12.81	56572.67	56576.96094	56643.32231	56656.54688	504871.5	5410804.5
L4870.0	504871.6	5410803.0	42969.39844	425.84	0	48.850177	-86.933595	56559.09	56237.2	12.81	56571.90	56576.07031	56635.64873	56648.76953	504871.6	5410803.0
L4870.0	504871.6	5410803.0	42969.50000	426.74	0	48.850177	-86.933595	56559.05	56237.2	12.81	56571.86	56575.90625	56646.12463	56659.14453	504871.6	5410803.0
L4870.0	504871.5	5410801.4	42969.60156	426.50	0	48.850163	-86.933595	56558.53	56237.2	12.81	56571.34	56575.25781	56645.27548	56658.19141	504871.5	5410801.4
L4870.0	504871.5	5410801.4	42969.69922	426.46	0	48.850163	-86.933595	56558.16	56237.2	12.81	56570.97	56574.76172	56648.45568	56661.26953	504871.5	5410801.4
L4870.0	504871.5	5410799.9	42969.80078	426.97	0	48.850149	-86.933595	56557.13	56237.2	12.82	56569.95	56573.61328	56636.17955	56648.89063	504871.5	5410799.9
L4870.0	504871.5	5410798.4	42969.89844	425.89	0	48.850136	-86.933596	56556.75	56237.2	12.82	56569.56	56573.09375	56639.63756	56652.25000	504871.5	5410798.4
L4870.0	504871.5	5410798.4	42969.89844	425.89	0	48.850136	-86.933596	56556.12	56237.2	12.82	56568.93	56572.33594	56637.63823	56650.15625	504871.5	5410798.4
L4870.0	504871.5	5410797.0	42970.10156	420.76	0	48.850123	-86.933596	56555.46	56237.2	12.82	56568.29	56571.56641	56635.78988	56648.21484	504871.5	5410797.0
L4870.0	504871.5	5410795.9	42970.19922	417.28	0	48.850113	-86.933596	56555.24	56237.2	12.82	56568.07	56571.21484	56644.57336	56656.90234	504871.5	5410795.9
L4870.0	504871.5	5410794.8	42970.30078	413.07	0	48.850103	-86.933596	56554.91	56237.2	12.83	56567.74	56570.75000	56651.08022	56663.31641	504871.5	5410794.8
L4870.0	504871.5	5410793.3	42970.39844	405.99	0	48.850089	-86.933596	56554.27	56237.2	12.83	56567.10	56569.97656	56650.44179	56662.58984	504871.5	5410793.3
L4870.0	504871.5	5410793.3	42970.50000	398.26	0	48.850089	-86.933596	56553.15	56237.2	12.83	56565.98	56568.72266	56638.52005	56650.57813	504871.5	5410793.3
L4870.0	504871.5	5410790.9	42970.60156	390.35	0	48.850068	-86.933596	56552.87	56237.2	12.83	56565.70	56568.30859	56647.47853	56659.44922	504871.5	5410790.9
L4870.0	504871.5	5410790.9	42970.69922	387.11	0	48.850068	-86.933596	56552.31	56237.2	12.83	56565.14	56567.61328	56650.03325	56661.91797	504871.5	5410790.9
L4870.0	504871.5	5410789.6	42970.80078	389.46	0	48.850057	-86.933596	56551.57	56237.2	12.84	56564.40	56566.73438	56648.62355	56660.42188	504871.5	5410789.6
L4870.0	504871.5	5410788.0	42970.89844	390.76	0	48.850042	-86.933596	56550.52	56237.2	12.84	56563.36	56565.55859	56640.32850	56652.04688	504871.5	5410788.0
L4870.0	504871.5	5410788.0	42971.00000	394.66	0	48.850042	-86.933596	56549.94	56237.2	12.84	56562.78	56564.83984	56643.66681	56655.30469	504871.5	5410788.0
L4870.0	504871.5	5410786.7	42971.10156	398.76	0	48.850030	-86.933597	56549.39	56237.2	12.84	56562.24	56564.16016	56648.40781	56659.96484	504871.5	5410786.7
L4870.0	504871.5	5410785.1	42971.19922	404.85	0	48.850016	-86.933597	56548.46	56237.2	12.85	56561.30	56563.08203	56643.83323	56655.31250	504871.5	5410785.1
L4870.0	504871.5	5410785.1	42971.30078	409.83	0	48.850016	-86.933597	56547.69	56237.2	12.85	56560.54	56562.17969	56644.07533	56655.47656	504871.5	5410785.1
L4870.0	504871.5	5410784.0	42971.39844	415.45	0	48.850006	-86.933597	56546.64	56237.1	12.85	56559.50	56561.00000	56637.92783	56649.25781	504871.5	5410784.0
L4870.0	504871.4	5410782.3	42971.50000	416.88	0	48.849991	-86.933597	56546.36	56237.1	12.85	56559.22	56560.57813	56650.72954	56661.98828	504871.4	5410782.3
L4870.0	504871.4	5410781.0	42971.60156	420.24	0	48.849979	-86.933597	56545.21	56237.1	12.86	56558.07	56559.28516	56642.76799	56653.95313	504871.4	5410781.0
L4870.0	504871.4	5410781.0	42971.69922	424.36	0	48.849979	-86.933597	56544.70	56237.1	12.86	56557.56	56558.63281	56650.83211	56661.94531	504871.4	5410781.0
L4870.0	504871.4	5410779.8	42971.80078	427.00	0	48.849968	-86.933597	56543.58	56237.1	12.86	56556.44	56557.36719	56644.46682	56655.51172	504871.4	5410779.8
L4870.0	504871.4	5410778.5	42971.89844	428.69	0	48.849956	-86.933598	56542.74	56237.1	12.87	56555.60	56556.38281	56645.35480	56656.33203	504871.4	5410778.5
L4870.0	504871.4	5410777.2	42971.89844	428.69	0	48.849944	-86.933598	56541.28	56237.1	12.87	56554.15	56554.78906	56631.81105	56642.72656	504871.4	5410777.2
L4870.0	504871.4	5410777.2	42972.10156	427.14	0	48.849944	-86.933598	56540.39	56237.1	12.87	56553.26	56553.75391	56632.33920	56643.18750	504871.4	5410777.2
L4870.0	504871.4	5410775.6	42972.19922	427.10	0	48.849930	-86.933598	56539.70	56237.1	12.88	56552.58	56552.92578	56638.40979	56649.19531	504871.4	5410775.6
L4870.0	504871.3	5410774.3	42972.30078	427.96	0	48.849918	-86.933599	56538.45	56237.1	12.88	56551.33	56551.53125	56631.01650	56641.73828	504871.3	5410774.3
L4870.0	504871.3	5410772.7	42972.39844	431.67	0	48.849904	-86.933599	56537.96	56237.1	12.88	56550.84	56550.89453	56642.55988	56653.22266	504871.3	5410772.7
L4870.0	504871.3	5410772.7	42972.50000	433.51	0	48.849904	-86.933599	56536.59	56237.1	12.89	56549.47	56549.37500	56633.08004	56643.68359	504871.3	5410772.7
L4870.0	504871.3	5410770.9	42972.60156	432.82	0	48.849888	-86.933599	56535.82	56237.1	12.89	56548.71	56548.46875	56638.87480	56649.42188	504871.3	5410770.9
L4870.0	504871.3	5410769.7	42972.69922	433.77	0	48.849877	-86.933600	56533.98	56237.1	12.89	56546.87	56546.48047	56618.76521	56629.25391	504871.3	5410769.7
L4870.0	504871.3	5410769.7	42972.80078	433.89	0	48.849877	-86.933600	56533.27	56237.1	12.89	56546.17	56545.63281	56626.83363	56637.26563	504871.3	5410769.7
L4870.0	504871.3	5410768.1	42972.89844	435.25	0	48.849863	-86.933600	56531.79	56237.1	12.90	56544.68	56543.99219	56616.05296	56626.42969	504871.3	5410768.1
L4870.0	504871.2	5410766.1	42973.00000	433.17	0	48.849845	-86.933600	56531.15	56237.1	12.90	56544.05	56543.21484	56626.61741	56636.94141	504871.2	5410766.1
L4870.0	504871.2	5410764.7	42973.10156	430.02	0	48.849832	-86.933600	56530.00	56237.1	12.90	56542.90	56541.91406	56624.89897	56635.17188	504871.2	5410764.7
L4870.0	504871.2	5410764.7	42973.19922	427.70	0	48.849832	-86.933600	56528.70	56237.1	12.90	56541.61	56540.47266	56620.14916	56630.36719	504871.2	5410764.7
L4870.0	504871.2	5410763.3	42973.30078	425.88	0	48.849819	-86.933600	56527.81	56237.1	12.90	56540.71	56539.42578	56625.27361	56635.43750	504871.2	5410763.3
L4870.0	504871.2	5410761.9	42973.39844	425.12	0	48.849807	-86.933601	56526.15	56237.1	12.90	56539.05	56537.61328	56612.24664	56622.36328	504871.2	5410761.9
L4870.0	504871.2	5410760.2	42973.50000	424.84	0	48.849792	-86.933601	56525.13	56237.1	12.91	56538.03	56536.44141	56615.16938	56625.23828	504871.2	5410760.2
L4870.0	504871.2	5410760.2	42973.60156	421.29	0	48.849792	-86.933601	56523.37	56237.1	12.91	56536.27	56534.53125	56600.41165	56610.42969	504871.2	5410760.2
L4870.0	504871.2	5410759.1	42973.69922	422.45	0	48.849782	-86.933601	56522.88	56237.1	12.91	56535.79	56533.90234	56617.17920	56627.14844	504871.2	5410759.1
L4870.0	504871.2	5410759.1	42973.80078	421.85	0	48.849782	-86.933601	56521.28	56237.1	12.91	56534.19	56532.14844	56606.99014	56616.91016	504871.2	5410759.1
L4870.0	504871.2	5410757.4	42973.89844	421.09	0	48.849766	-86.933601	56520.51	56237.1	12.91	56533.42	56531.23047	56617.34396	56627.21875	504871.2	5410757.4
L4870.0	504871.2	5410755.8	42973.89844	421.09	0	48.849752	-86.933601	56518.85	56237.1	12.91	56531.76	56529.41797	56606.32525	56616.15234	504871.2	5410755.8
L4870.0	504871.2	5410755.8	42974.10156	420.08	0	48.849752	-86.933601	56517.57	56237.1	12.91	56530.48	56527.98438	56604.86549	56614.64453	504871.2	5410755.8
L4870.0	504871.2	5410754.0	42974.19922	416.45	0	48.849736	-86.933601	56516.12	56237.1	12.91	56529.03	56526.38281	56599.55397	56609.28516	504871.2	5410754.0
L4870.0	504871.2	5410752.9	42974.30078	412.18	0	48.849726	-86.933601	56514.03	56237.1	12.91	56526.93	56524.13281	56578.68509	56588.37109	504871.2	5410752.9
L4870.0	504871.2	5410752.9	42974.39844	403.87	0	48.849726	-86.933601	56512.75	56237.1	12.91	56525.65	56522.70313	56578.06200	56587.70313	504871.2	5410752.9
L4870.0	504871.2	5410751.4	42974.50000	398.38	0	48.849712	-86.933601	56511.09	56237.1	12.90	56523.99	56520.89063	56568.43661	56578.03125	504871.2	5410751.4
L4870.0	504871.2	5410749.6	42974.60156	390.62	0	48.849697	-86.933601	56510.74	56237.1	12.90	56523.64	56520.38672	56590.97145	56600.51953	504871.2	5410749.6
L4870.0	504871.2	5410749.6	42974.69922	383.68	0	48.849697	-86.933601	56509.18	56237.1	12.90	56522.08	56518.67578	56584.25783	56593.75781	504871.2	5410749.6
L4870.0	504871.1	5410748.1	42974.80078	374.83	0	48.849683	-86.933602	56508.03	56237.1	12.90	56520.93	56517.37500	56587.75225	56597.20703	504871.1	5410748.1
L4870.0	504871.1	5410748.1	42974.89844	369.48	0	48.849683	-86.933602	56505.98	56237.1	12.90	56518.88	56515.17578	56569.52549	56578.93359	504871.1	5410748.1
L4870.0	504871.1	5410746.6	42975.00000	370.79	0	48.849670	-86.933602	56504.74	56237.1	12.90	56517.64	56513.78516	56571.22624	56580.58984	504871.1	5410746.6
L4870.0	504871.1	5410745.4	42975.10156	411.42	0	48.849658	-86.933602	56503.18	56237.1	12.90	56516.08	56512.07422	56565.31028	56574.62500	504871.1	5410745.4
L4870.0	504871.1	5410743.8	42975.19922	410.05	0	48.849644	-86.933602	56501.27	56237.1	12.91	56514.17	56510.01172	56551.03314	56560.30078	504871.1	5410743.8
L4870.0	504871.1	5410743.8	42975.30078	409.80	0	48.849644	-86.933602	56499.58	56237.1	12.91	56512.49	56508.18359	56542.51201	56551.73047	504871.1	5410743.8
L4870.0	504871.1	5410742.5	42975.39844	385.27	0	48.849632	-86.933602	56497.59	56237.1	12.92	56510.51	56506.05078	56526.82026	56535.99219	504871.1	5410742.5
L4870.0	504871.1	5410741.1	42975.50000	387.66	0	48.849620	-86.933602	56496.44	56237.1	12.92	56509.36	56504.75391	56531.47472	56540.60156	504871.1	5410741.1
L4870.0	504871.1	5410739.5	42975.60156	394.64	0	48.849606	-86.933602	56494.71	56237.1	12.92	56507.63	56502.87109	56522.10849	56531.18359	504871.1	5410739.5
L4870.0	504871.1	5410738.2	42975.69922	397.83	0	48.849594	-86.933602	56493.92	56237.1	12.93	56506.85	56501.94531	56535.98362	56545.00781	504871.1	5410738.2
L4870.0	504871.1	5410738.2	42975.80078	401.27	0	48.849594	-86.933602	56491.90	56237.1	12.93	56504.83	56499.77734	56519.72937	56528.70313	504871.1	5410738.2
L4870.0	504871.1	5410736.8	42975.89844	403.43	0	48.849581	-86.933602	56490.88	56237.1	12.94	56503.82	56498.61719	56528.14942	56537.07422	504871.1	5410736.8
L4870.0	504871.2	5410734.9	42975.89844	403.43	0	48.849565	-86.933601	56488.74	56237.1	12.94	56501.67	56496.32031	56508.84745	56517.71875	504871.2	5410734.9
L4870.0	504871.2	5410734.9	42976.10156	413.95	0	48.849565	-86.933601	56487.54	56237.1	12.94	56500.48	56494.98438	56512.97252	56521.79297	504871.2	5410734.9
L4870.0	504871.2	5410733.4	42976.19922	417.03	0	48.849551	-86.933601	56485.68	56237.1	12.94	56498.62	56492.97656	56500.79736	56509.56250	504871.2	5410733.4
L4870.0	504871.2	5410731.9	42976.30078	422.16	0	48.849537	-86.933601	56484.68	56237.1	12.94	56497.62	56491.83203	56509.58375	56518.29297	504871.2	5410731.9
L4870.0	504871.2	5410731.9	42976.39844	424.18	0	48.849537	-86.933601	56483.48	56237.1	12.94	56496.42	56490.48438	56513.49172	56522.14844	504871.2	5410731.9
L4870.0	504871.2	5410730.3	42976.50000	427.42	0	48.849523	-86.933601	56481.23	56237.1	12.94	56494.18	56488.10156	56492.04132	56500.64063	504871.2	5410730.3
L4870.0	504871.2	5410728.9	42976.60156	429.27	0	48.849511	-86.933601	56479.75	56237.1	12.95	56492.70	56486.47656	56489.07269	56497.61328	504871.2	5410728.9
L4870.0	504871.2	5410727.2	42976.69922	431.60	0	48.849495	-86.933600	56477.91	56237.1	12.95	56490.86	56484.49609	56477.28423	56485.76563	504871.2	5410727.2
L4870.0	504871.2	5410727.2	42976.80078	431.30	0	48.849495	-86.933600	56476.82	56237.1	12.95	56489.77	56483.26172	56483.70534	56492.12500	504871.2	5410727.2
L4870.0	504871.2	5410726.1	42976.89844	432.04	0	48.849485	-86.933600	56475.01	56237.1	12.95	56487.96	56481.31250	56472.50741	56480.87109	504871.2	5410726.1
L4870.0	504871.3	5410724.6	42977.00000	432.28	0	48.849471	-86.933600	56473.91	56237.1	12.95	56486.86	56480.07031	56478.51649	56486.82031	504871.3	5410724.6
L4870.0	504871.3	5410724.6	42977.10156	431.37	0	48.849471	-86.933600	56472.10	56237	12.95	56485.05	56478.12109	56467.12243	56475.35938	504871.3	5410724.6
L4870.0	504871.3	5410723.0	42977.19922	434.15	0	48.849457	-86.933600	56470.84	56237	12.96	56483.80	56476.73047	56469.25345	56477.42578	504871.3	5410723.0
L4870.0	504871.3	5410721.5	42977.30078	433.08	0	48.849443	-86.933600	56469.08	56237	12.96	56482.04	56474.83594	56458.82709	56466.93359	504871.3	5410721.5
L4870.0	504871.3	5410721.5	42977.39844	431.25	0	48.849443	-86.933600	56468.04	56237	12.97	56481.00	56473.65625	56465.79741	56473.83984	504871.3	5410721.5
L4870.0	504871.3	5410719.9	42977.50000	430.83	0	48.849429	-86.933600	56466.69	56237	12.97	56479.66	56472.18359	56465.30059	56473.27344	504871.3	5410719.9
L4870.0	504871.3	5410718.6	42977.60156	432.93	0	48.849417	-86.933600	56464.92	56237	12.97	56477.90	56470.28906	56454.40030	56462.30469	504871.3	5410718.6
L4870.0	504871.3	5410717.2	42977.69922	433.83	0	48.849405	-86.933600	56464.11	56237	12.98	56477.09	56469.34375	56466.46229	56474.29297	504871.3	5410717.2
L4870.0	504871.3	5410717.2	42977.80078	431.88	0	48.849405	-86.933600	56462.17	56237	12.98	56475.15	56467.27344	56450.79806	56458.55859	504871.3	5410717.2

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4870.0	504871.3	5410715.5	42977.89844	430.87	0	48.849390	-86.933600	56460.69	56237	12.99	56473.67	56465.66016	56446.13395	56453.82031	504871.3	5410715.5
L4870.0	504871.3	5410714.1	42977.89844	430.87	0	48.849377	-86.933600	56458.77	56237	12.99	56471.76	56463.62109	56430.77480	56438.39063	504871.3	5410714.1
L4870.0	504871.3	5410714.1	42978.10156	428.36	0	48.849377	-86.933600	56458.16	56237	12.99	56471.15	56462.88281	56446.85846	56454.39844	504871.3	5410714.1
L4870.0	504871.3	5410711.2	42978.19922	423.75	0	48.849351	-86.933599	56456.84	56237	12.99	56469.83	56461.43750	56445.40316	56452.86328	504871.3	5410711.2
L4870.0	504871.3	5410711.2	42978.30078	416.61	0	48.849351	-86.933599	56455.71	56237	12.99	56468.71	56460.19141	56448.56929	56455.94922	504871.3	5410711.2
L4870.0	504871.4	5410709.6	42978.39844	403.20	0	48.849337	-86.933599	56454.23	56237	12.99	56467.23	56458.58594	56442.70303	56450.00391	504871.4	5410709.6
L4870.0	504871.4	5410709.6	42978.50000	405.13	0	48.849337	-86.933599	56452.34	56237	12.99	56465.34	56456.57422	56426.57640	56433.79688	504871.4	5410709.6
L4870.0	504871.4	5410707.8	42978.60156	412.21	0	48.849321	-86.933599	56450.89	56237	13.00	56463.88	56454.99219	56420.64541	56427.78516	504871.4	5410707.8
L4870.0	504871.4	5410706.6	42978.69922	395.74	0	48.849310	-86.933599	56449.87	56237	13.00	56462.86	56453.85156	56425.14466	56432.19531	504871.4	5410706.6
L4870.0	504871.4	5410706.6	42978.80078	397.13	0	48.849310	-86.933599	56448.97	56237	13.00	56461.97	56452.84375	56432.51276	56439.48047	504871.4	5410706.6
L4870.0	504871.4	5410704.8	42978.89844	397.20	0	48.849294	-86.933599	56447.46	56237	13.00	56460.46	56451.21875	56424.46874	56431.34766	504871.4	5410704.8
L4870.0	504871.4	5410703.5	42979.00000	399.67	0	48.849281	-86.933599	56446.40	56237	13.00	56459.40	56450.04297	56427.07383	56433.86719	504871.4	5410703.5
L4870.0	504871.4	5410703.5	42979.10156	405.31	0	48.849281	-86.933599	56444.94	56237	13.00	56457.95	56448.48047	56419.85515	56426.55859	504871.4	5410703.5
L4870.0	504871.4	5410702.1	42979.19922	409.03	0	48.849270	-86.933598	56443.56	56237	13.01	56456.57	56446.99219	56414.01292	56420.62500	504871.4	5410702.1
L4870.0	504871.4	5410700.6	42979.30078	415.22	0	48.849256	-86.933598	56442.29	56237	13.01	56455.30	56445.61328	56410.51509	56417.03516	504871.4	5410700.6
L4870.0	504871.4	5410699.2	42979.39844	419.04	0	48.849244	-86.933598	56441.34	56237	13.02	56454.36	56444.56641	56414.71546	56421.14453	504871.4	5410699.2
L4870.0	504871.4	5410699.2	42979.50000	419.04	0	48.849244	-86.933598	56440.22	56237	13.03	56453.24	56443.33984	56414.18282	56420.51953	504871.4	5410699.2
L4870.0	504871.5	5410697.9	42979.60156	425.54	0	48.849231	-86.933598	56439.25	56237	13.03	56452.28	56442.27734	56417.19543	56423.43750	504871.5	5410697.9
L4870.0	504871.5	5410696.7	42979.69922	425.27	0	48.849221	-86.933598	56438.13	56237	13.04	56451.16	56441.05469	56415.95203	56422.09375	504871.5	5410696.7
L4870.0	504871.5	5410696.7	42979.80078	428.97	0	48.849221	-86.933598	56436.90	56237	13.04	56449.94	56439.73438	56411.90991	56417.95313	504871.5	5410696.7
L4870.0	504871.5	5410695.2	42979.89844	430.47	0	48.849207	-86.933598	56435.55	56237	13.05	56448.60	56438.30078	56404.57771	56410.52344	504871.5	5410695.2
L4870.0	504871.5	5410693.9	42979.89844	430.47	0	48.849196	-86.933598	56434.48	56237	13.05	56447.52	56437.12500	56403.20996	56409.05859	504871.5	5410693.9
L4870.0	504871.5	5410692.5	42980.00000	433.15	0	48.849182	-86.933598	56433.48	56236.9	13.05	56446.53	56436.04297	56403.66157	56409.41016	504871.5	5410692.5
L4870.0	504871.5	5410691.1	42980.10156	433.51	0	48.849171	-86.933598	56432.36	56236.9	13.05	56445.41	56434.83203	56400.56970	56406.21484	504871.5	5410691.1
L4870.0	504871.5	5410691.1	42980.19922	434.00	0	48.849171	-86.933598	56431.19	56236.9	13.05	56444.24	56433.57422	56395.88101	56401.42578	504871.5	5410691.1
L4870.0	504871.5	5410689.7	42980.30078	434.74	0	48.849157	-86.933598	56430.24	56236.9	13.05	56443.29	56432.53906	56396.17164	56401.61328	504871.5	5410689.7
L4870.0	504871.5	5410688.5	42980.39844	432.99	0	48.849147	-86.933598	56429.25	56236.9	13.05	56442.30	56431.46484	56395.10540	56400.44531	504871.5	5410688.5
L4870.0	504871.5	5410687.1	42980.60156	427.71	0	48.849134	-86.933597	56428.10	56236.9	13.06	56441.15	56430.23438	56389.75741	56394.99219	504871.5	5410687.1
L4870.0	504871.5	5410685.8	42980.69922	426.25	0	48.849123	-86.933597	56427.13	56236.9	13.06	56440.19	56429.19531	56388.65406	56393.78125	504871.5	5410685.8
L4870.0	504871.5	5410685.8	42980.80078	422.30	0	48.849123	-86.933597	56426.34	56236.9	13.06	56439.40	56428.32813	56391.30759	56396.33203	504871.5	5410685.8
L4870.0	504871.6	5410684.1	42980.89844	419.17	0	48.849108	-86.933596	56425.63	56236.9	13.06	56438.68	56427.53516	56395.28151	56400.19922	504871.6	5410684.1
L4870.0	504871.6	5410683.0	42981.00000	414.55	0	48.849098	-86.933596	56424.58	56236.9	13.06	56437.64	56426.42578	56391.07423	56395.88672	504871.6	5410683.0
L4870.0	504871.6	5410681.7	42981.10156	406.47	0	48.849085	-86.933596	56423.73	56236.9	13.06	56436.79	56425.50781	56391.11177	56395.81641	504871.6	5410681.7
L4870.0	504871.6	5410681.7	42981.19922	394.70	0	48.849085	-86.933596	56422.99	56236.9	13.06	56436.05	56424.70313	56393.44596	56398.04297	504871.6	5410681.7
L4870.0	504871.7	5410679.8	42981.30078	389.22	0	48.849069	-86.933595	56422.33	56236.9	13.06	56435.39	56423.98047	56397.34714	56401.83594	504871.7	5410679.8
L4870.0	504871.7	5410678.7	42981.39844	383.71	0	48.849059	-86.933594	56421.44	56236.9	13.06	56434.50	56423.03125	56395.26415	56399.64844	504871.7	5410678.7
L4870.0	504871.7	5410678.7	42981.50000	411.35	0	48.849059	-86.933594	56420.46	56236.9	13.07	56433.53	56422.00391	56390.85341	56395.12891	504871.7	5410678.7
L4870.0	504871.7	5410677.4	42981.60156	410.00	0	48.849047	-86.933594	56419.50	56236.9	13.07	56432.56	56420.98047	56386.06617	56390.23438	504871.7	5410677.4
L4870.0	504871.8	5410676.1	42981.69922	407.62	0	48.849035	-86.933594	56418.45	56236.9	13.07	56431.52	56419.89063	56379.19944	56383.25781	504871.8	5410676.1
L4870.0	504871.8	5410674.6	42981.80078	408.22	0	48.849021	-86.933594	56417.96	56236.9	13.07	56431.03	56419.35156	56385.36140	56389.31250	504871.8	5410674.6
L4870.0	504871.8	5410673.2	42981.89844	409.54	0	48.849009	-86.933593	56417.13	56236.9	13.07	56430.19	56418.46484	56382.62777	56386.47266	504871.8	5410673.2
L4870.0	504871.8	5410673.2	42981.89844	409.54	0	48.849009	-86.933593	56416.38	56236.9	13.07	56429.45	56417.68359	56381.96543	56385.70313	504871.8	5410673.2
L4870.0	504871.9	5410671.6	42982.10156	411.71	0	48.848995	-86.933593	56415.54	56236.9	13.07	56428.62	56416.81641	56378.74878	56382.37891	504871.9	5410671.6
L4870.0	504871.9	5410669.8	42982.19922	411.20	0	48.848979	-86.933592	56415.08	56236.9	13.08	56428.16	56416.32031	56384.18879	56387.71094	504871.9	5410669.8
L4870.0	504871.9	5410668.5	42982.30078	411.91	0	48.848966	-86.933592	56414.68	56236.9	13.08	56427.76	56415.88672	56390.73666	56394.15234	504871.9	5410668.5
L4870.0	504871.9	5410668.5	42982.39844	411.46	0	48.848966	-86.933592	56414.09	56236.9	13.09	56427.18	56415.27734	56392.54926	56395.85938	504871.9	5410668.5
L4870.0	504871.9	5410666.9	42982.50000	412.67	0	48.848953	-86.933592	56413.38	56236.9	13.10	56426.47	56414.53906	56390.84907	56394.05859	504871.9	5410666.9
L4870.0	504872.0	5410665.5	42982.60156	412.94	0	48.848940	-86.933591	56412.38	56236.9	13.10	56425.48	56413.52734	56381.98604	56385.08984	504872.0	5410665.5
L4870.0	504872.0	5410665.5	42982.69922	411.56	0	48.848940	-86.933591	56411.94	56236.9	13.11	56425.05	56413.07813	56386.43028	56389.42969	504872.0	5410665.5
L4870.0	504872.0	5410664.2	42982.80078	411.38	0	48.848928	-86.933591	56411.43	56236.9	13.11	56424.54	56412.55078	56388.59389	56391.48828	504872.0	5410664.2
L4870.0	504872.0	5410662.7	42982.89844	409.92	0	48.848915	-86.933591	56410.64	56236.9	13.12	56423.76	56411.75781	56383.85273	56386.64844	504872.0	5410662.7
L4870.0	504872.0	5410662.7	42983.00000	409.84	0	48.848915	-86.933591	56409.27	56236.9	13.12	56422.39	56410.37500	56364.41551	56367.11328	504872.0	5410662.7
L4870.0	504872.0	5410661.4	42983.10156	410.10	0	48.848903	-86.933591	56408.78	56236.9	13.12	56421.90	56409.87891	56366.10197	56368.69922	504872.0	5410661.4
L4870.0	504872.0	5410660.0	42983.19922	409.36	0	48.848890	-86.933591	56408.09	56236.9	13.13	56421.21	56409.18750	56362.60470	56365.10156	504872.0	5410660.0
L4870.0	504872.0	5410658.6	42983.30078	406.79	0	48.848878	-86.933591	56407.76	56236.9	13.13	56420.89	56408.86719	56367.81637	56370.21484	504872.0	5410658.6
L4870.0	504872.0	5410658.6	42983.39844	406.11	0	48.848878	-86.933591	56407.45	56236.9	13.14	56420.59	56408.57031	56373.21520	56375.51953	504872.0	5410658.6
L4870.0	504872.0	5410656.9	42983.50000	407.23	0	48.848863	-86.933590	56407.53	56236.9	13.14	56420.67	56408.65625	56387.57764	56389.78906	504872.0	5410656.9
L4870.0	504872.0	5410655.8	42983.60156	406.98	0	48.848853	-86.933591	56407.64	56236.9	13.14	56420.78	56408.77734	56402.38204	56404.50000	504872.0	5410655.8
L4870.0	504872.0	5410654.7	42983.69922	404.93	0	48.848843	-86.933591	56407.14	56236.9	13.15	56420.29	56408.30078	56402.28501	56404.31250	504872.0	5410654.7
L4870.0	504872.0	5410654.7	42983.80078	406.14	0	48.848843	-86.933591	56406.41	56236.8	13.15	56419.56	56407.58984	56396.06314	56398.00000	504872.0	5410654.7
L4870.0	504872.0	5410653.1	42983.89844	406.86	0	48.848828	-86.933591	56405.87	56236.8	13.16	56419.03	56407.08203	56394.44219	56396.28906	504872.0	5410653.1
L4870.0	504872.0	5410651.9	42983.89844	406.86	0	48.848817	-86.933591	56405.82	56236.8	13.16	56418.98	56407.05469	56404.24975	56406.01172	504872.0	5410651.9
L4870.0	504872.0	5410650.6	42984.10156	410.22	0	48.848806	-86.933591	56404.82	56236.8	13.16	56417.98	56406.08594	56390.65159	56392.33203	504872.0	5410650.6
L4870.0	504872.0	5410650.6	42984.19922	412.51	0	48.848806	-86.933591	56404.46	56236.8	13.15	56417.62	56405.75781	56392.39170	56393.98828	504872.0	5410650.6
L4870.0	504872.0	5410649.4	42984.30078	412.19	0	48.848795	-86.933592	56403.95	56236.8	13.15	56417.10	56405.27344	56389.98494	56391.50000	504872.0	5410649.4
L4870.0	504871.9	5410647.5	42984.39844	411.48	0	48.848778	-86.933592	56403.57	56236.9	13.15	56416.72	56404.92969	56390.74618	56392.18359	504871.9	5410647.5
L4870.0	504871.9	5410647.5	42984.50000	412.88	0	48.848778	-86.933592	56403.04	56236.9	13.15	56416.18	56404.43359	56387.37209	56388.73438	504871.9	5410647.5
L4870.0	504871.9	5410645.9	42984.60156	411.80	0	48.848764	-86.933592	56402.30	56236.9	13.14	56415.44	56403.74219	56378.89386	56380.18359	504871.9	5410645.9
L4870.0	504871.9	5410644.5	42984.69922	412.24	0	48.848751	-86.933593	56402.25	56236.9	13.14	56415.39	56403.74219	56387.00082	56388.21875	504871.9	5410644.5
L4870.0	504871.9	5410643.2	42984.80078	412.57	0	48.848739	-86.933593	56401.38	56236.9	13.14	56414.51	56402.91406	56374.66593	56375.81641	504871.9	5410643.2
L4870.0	504871.8	5410641.5	42984.89844	412.01	0	48.848724	-86.933593	56401.20	56236.9	13.13	56414.33	56402.79297	56379.17114	56380.25391	504871.8	5410641.5
L4870.0	504871.8	5410641.5	42985.00000	411.30	0	48.848724	-86.933593	56400.56	56236.9	13.13	56413.69	56402.21094	56372.26023	56373.28125	504871.8	5410641.5
L4870.0	504871.8	5410639.6	42985.10156	410.06	0	48.848707	-86.933594	56401.05	56236.9	13.13	56414.18	56402.76563	56392.67689	56393.63672	504871.8	5410639.6
L4870.0	504871.8	5410638.0	42985.19922	410.29	0	48.848693	-86.933594	56400.99	56236.9	13.13	56414.13	56402.78516	56399.73931	56400.64063	504871.8	5410638.0
L4870.0	504871.8	5410637.1	42985.30078	408.80	0	48.848685	-86.933594	56401.28	56236.9	13.14	56414.41	56403.13672	56414.64924	56415.49219	504871.8	5410637.1
L4870.0	504871.8	5410637.1	42985.39844	407.93	0	48.848685	-86.933594	56400.11	56236.9	13.14	56413.24	56402.04297	56394.04478	56394.83594	504871.8	5410637.1
L4870.0	504871.8	5410634.1	42985.50000	407.10	0	48.848657	-86.933594	56399.62	56236.9	13.14	56412.76	56401.64063	56390.06933	56390.81250	504871.8	5410634.1
L4870.0	504871.8	5410634.1	42985.60156	407.38	0	48.848657	-86.933594	56399.14	56236.9	13.14	56412.28	56401.24219	56385.91718	56386.61328	504871.8	5410634.1
L4870.0	504871.8	5410632.5	42985.69922	408.59	0	48.848643	-86.933594	56398.88	56236.9	13.14	56412.02	56401.07031	56386.95346	56387.60547	504871.8	5410632.5
L4870.0	504871.8	5410632.5	42985.80078	407.07	0	48.848643	-86.933594	56398.82	56236.9	13.15	56411.97	56401.10938	56392.93955	56393.54688	504871.8	5410632.5
L4870.0	504871.8	5410630.7	42985.89844	408.12	0	48.848627	-86.933594	56398.73	56236.9	13.15	56411.88	56401.11328	56397.78951	56398.35938	504871.8	5410630.7
L4870.0	504871.8	5410630.7	42985.89844	408.12	0	48.848627	-86.933594	56398.95	56236.9	13.15	56412.10	56401.42969	56410.03550	56410.57422	504871.8	5410630.7
L4870.0	504871.8	5410629.3	42986.10156	409.97	0	48.848614	-86.933595	56398.29	56236.9	13.15	56411.44	56400.87109	56400.68957	56401.19531	504871.8	5410629.3
L4870.0	504871.8	5410627.8	42986.19922	430.23	0	48.848600	-86.933595	56398.19	56236.9	13.15	56411.34	56400.87500	56404.84008	56405.31641	504871.8	5410627.8
L4870.0	504871.7	5410626.6	42986.30078	428.99	0	48.848590	-86.933595	56397.45	56236.9	13.15	56410.59	56400.23047	56393.01166	56393.46094	504871.7	5410626.6
L4870.0	504871.7	5410626.6	42986.39844	428.98	0	48.848590	-86.933595	56397.35	56236.9	13.15	56410.49	56400.24219	56396.88158	56397.30859	504871.7	5410626.6
L4870.0	504871.8	5410624.9	42986.50000	428.65	0	48.848575	-86.933595	56396.98	56236.9	13.15	56410.13	56399.99609	56394.28339	56394.69141	504871.8	5410624.9
L4870.0	504871.8	5410623.3	42986.60156	430.51	0	48.848560	-86.933595	56396.89	56236.9	13.14	56410.03	56400.01563	56397.89055	56398.28516	504871.8	5410623.3
L4870.0	504871.8	5410622.2	42986.69922	429.77	0	48.848551	-86.933595	56396.56	56236.9	13.14	56409.70	56399.80859	56395.76920	56396.14844	504871.8	5410622.2
L4870.0	504871.7	5410620.9	42986.80078	430.31	0	48.848539	-86.933595	56396.48	56236.9	13.14	56409.62	56399.85156	56399.61808	56399.98828	504871.7	5410620.9
L4870.0	504871.7	5410620.9	42986.89844	427.80	0	48.848539	-86.933595	56396.43	56236.9	13.14	56409.57	56399.92969	56404.08132	56404.44922	504871.7	5410620.9
L4870.0	504871.7	5410619.7	42987.00000	425.07	0	48.848528	-86.933595	56395.76	56236.9	13.14	56408.90	56399.39063	56393.32662	56393.69141	504871.7	5410619.7
L4870.0	504871.7	5410618.1	42987.10156	422.99	0	48.848514	-86.933595	56395.74	56236.9	13.14	56408.88	56399.50391	56398.29977	56398.66406	504871.7	5410618.1

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4870.0	504871.7	5410618.1	42987.19922	422.34	0	48.848514	-86.933595	56395.10	56236.9	13.14	56408.25	56399.01172	56388.30649	56388.67578	504871.7	5410618.1
L4870.0	504871.8	5410616.6	42987.30078	419.19	0	48.848500	-86.933595	56395.05	56236.9	13.15	56408.19	56399.09375	56392.09968	56392.47656	504871.8	5410616.6
L4870.0	504871.7	5410615.0	42987.39844	417.02	0	48.848486	-86.933595	56394.34	56236.9	13.15	56407.48	56398.52734	56379.95947	56380.35156	504871.7	5410615.0
L4870.0	504871.7	5410615.0	42987.50000	418.74	0	48.848486	-86.933595	56394.41	56236.8	13.15	56407.56	56398.75391	56386.97315	56387.37891	504871.7	5410615.0
L4870.0	504871.7	5410613.4	42987.60156	415.92	0	48.848471	-86.933595	56394.34	56236.8	13.15	56407.49	56398.83594	56390.24253	56390.66797	504871.7	5410613.4
L4870.0	504871.7	5410611.9	42987.69922	412.04	0	48.848458	-86.933595	56394.21	56236.8	13.15	56407.36	56398.85938	56391.96388	56392.41016	504871.7	5410611.9
L4870.0	504871.7	5410611.9	42987.80078	409.15	0	48.848458	-86.933595	56394.00	56236.8	13.16	56407.16	56398.81641	56391.89703	56392.37109	504871.7	5410611.9
L4870.0	504871.7	5410610.1	42987.89844	405.46	0	48.848442	-86.933595	56393.82	56236.8	13.16	56406.98	56398.79688	56392.23813	56392.74219	504871.7	5410610.1
L4870.0	504871.7	5410609.0	42987.89844	405.46	0	48.848431	-86.933595	56394.03	56236.8	13.16	56407.19	56399.16797	56402.00508	56402.54297	504871.7	5410609.0
L4870.0	504871.7	5410609.0	42988.00000	399.70	0	48.848431	-86.933595	56393.97	56236.8	13.16	56407.13	56399.27344	56405.12117	56405.69531	504871.7	5410609.0
L4870.0	504871.7	5410607.1	42988.19922	409.29	0	48.848414	-86.933595	56393.90	56236.8	13.16	56407.06	56399.37109	56407.92420	56408.53906	504871.7	5410607.1
L4870.0	504871.7	5410605.8	42988.30078	409.46	0	48.848403	-86.933595	56393.29	56236.8	13.16	56406.45	56398.93359	56397.50464	56398.16406	504871.7	5410605.8
L4870.0	504871.7	5410604.6	42988.39844	381.21	0	48.848392	-86.933596	56392.88	56236.8	13.16	56406.04	56398.69531	56391.89470	56392.60156	504871.7	5410604.6
L4870.0	504871.7	5410603.4	42988.50000	382.85	0	48.848382	-86.933596	56392.52	56236.8	13.16	56405.68	56398.51172	56387.44294	56388.20313	504871.7	5410603.4
L4870.0	504871.7	5410603.4	42988.60156	387.47	0	48.848382	-86.933596	56392.45	56236.8	13.16	56405.61	56398.62109	56389.99968	56390.81250	504871.7	5410603.4
L4870.0	504871.7	5410602.1	42988.69922	391.01	0	48.848370	-86.933596	56392.39	56236.8	13.16	56405.56	56398.75391	56392.98974	56393.86328	504871.7	5410602.1
L4870.0	504871.7	5410600.8	42988.80078	394.37	0	48.848358	-86.933596	56392.73	56236.8	13.16	56405.89	56399.26563	56405.18699	56406.12109	504871.7	5410600.8
L4870.0	504871.7	5410599.1	42988.89844	399.81	0	48.848343	-86.933596	56392.90	56236.8	13.16	56406.06	56399.62109	56413.43801	56414.43750	504871.7	5410599.1
L4870.0	504871.7	5410599.1	42989.00000	405.18	0	48.848343	-86.933596	56392.55	56236.8	13.16	56405.71	56399.46094	56408.97477	56410.04297	504871.7	5410599.1
L4870.0	504871.7	5410597.8	42989.10156	410.10	0	48.848331	-86.933596	56392.12	56236.8	13.16	56405.28	56399.22266	56402.52014	56403.66016	504871.7	5410597.8
L4870.0	504871.7	5410596.2	42989.19922	414.95	0	48.848317	-86.933596	56391.58	56236.8	13.16	56404.74	56398.87500	56393.34603	56394.56250	504871.7	5410596.2
L4870.0	504871.7	5410594.7	42989.30078	418.40	0	48.848303	-86.933596	56391.86	56236.8	13.16	56405.02	56399.35156	56404.11341	56405.40625	504871.7	5410594.7
L4870.0	504871.7	5410593.3	42989.39844	421.73	0	48.848291	-86.933596	56391.43	56236.8	13.16	56404.59	56399.11719	56397.54871	56398.92578	504871.7	5410593.3
L4870.0	504871.7	5410593.3	42989.50000	426.61	0	48.848291	-86.933596	56391.50	56236.8	13.17	56404.67	56399.39844	56403.37829	56404.83984	504871.7	5410593.3
L4870.0	504871.7	5410591.8	42989.60156	428.09	0	48.848277	-86.933596	56391.35	56236.8	13.17	56404.51	56399.44141	56403.33215	56404.88281	504871.7	5410591.8
L4870.0	504871.7	5410591.8	42989.69922	427.99	0	48.848277	-86.933596	56391.25	56236.8	13.17	56404.41	56399.54297	56404.72209	56406.36328	504871.7	5410591.8
L4870.0	504871.7	5410589.9	42989.80078	430.07	0	48.848260	-86.933596	56391.45	56236.8	13.17	56404.62	56399.96094	56413.64167	56415.37891	504871.7	5410589.9
L4870.0	504871.7	5410588.2	42989.89844	430.32	0	48.848245	-86.933596	56390.69	56236.8	13.17	56403.86	56399.40625	56398.90813	56400.74609	504871.7	5410588.2
L4870.0	504871.7	5410587.1	42989.89844	430.32	0	48.848235	-86.933596	56391.07	56236.8	13.17	56404.24	56399.99609	56411.93135	56413.87109	504871.7	5410587.1
L4870.0	504871.7	5410585.3	42990.10156	429.22	0	48.848218	-86.933596	56390.18	56236.8	13.17	56403.35	56399.31641	56393.99761	56396.04297	504871.7	5410585.3
L4870.0	504871.7	5410585.3	42990.19922	429.01	0	48.848218	-86.933596	56390.64	56236.8	13.17	56403.81	56399.98828	56408.94222	56411.09375	504871.7	5410585.3
L4870.0	504871.7	5410584.2	42990.30078	430.37	0	48.848208	-86.933595	56390.07	56236.8	13.17	56403.24	56399.63281	56398.78234	56401.04297	504871.7	5410584.2
L4870.0	504871.7	5410582.9	42990.39844	428.96	0	48.848197	-86.933595	56390.31	56236.8	13.17	56403.47	56400.07813	56408.10599	56410.48047	504871.7	5410582.9
L4870.0	504871.7	5410582.9	42990.50000	429.04	0	48.848197	-86.933595	56390.02	56236.8	13.17	56403.19	56400.01563	56404.99937	56407.49219	504871.7	5410582.9
L4870.0	504871.8	5410581.3	42990.60156	430.24	0	48.848182	-86.933595	56390.05	56236.8	13.17	56403.22	56400.26563	56409.44320	56412.05469	504871.8	5410581.3
L4870.0	504871.8	5410578.4	42990.69922	430.44	0	48.848157	-86.933595	56390.23	56236.8	13.17	56403.40	56400.66406	56417.54185	56420.27344	504871.8	5410578.4
L4870.0	504871.8	5410578.4	42990.80078	429.44	0	48.848157	-86.933595	56389.23	56236.8	13.17	56402.40	56399.88281	56396.89421	56399.75391	504871.8	5410578.4
L4870.0	504871.8	5410578.4	42990.89844	428.11	0	48.848157	-86.933595	56389.66	56236.8	13.17	56402.83	56400.53516	56411.09185	56414.07813	504871.8	5410578.4
L4870.0	504871.8	5410576.6	42991.00000	418.55	0	48.848141	-86.933594	56389.00	56236.8	13.17	56402.17	56400.09766	56398.74093	56401.85938	504871.8	5410576.6
L4870.0	504871.8	5410575.3	42991.10156	412.57	0	48.848128	-86.933594	56389.72	56236.8	13.17	56402.89	56401.04297	56420.02210	56423.26953	504871.8	5410575.3
L4870.0	504871.8	5410573.9	42991.19922	408.00	0	48.848116	-86.933594	56388.82	56236.8	13.17	56401.99	56400.36719	56401.84694	56405.23047	504871.8	5410573.9
L4870.0	504871.8	5410573.9	42991.30078	394.82	0	48.848116	-86.933594	56389.36	56236.8	13.17	56402.53	56401.13281	56418.77061	56422.29297	504871.8	5410573.9
L4870.0	504871.8	5410572.4	42991.39844	387.43	0	48.848103	-86.933594	56388.72	56236.8	13.17	56401.88	56400.70703	56406.71921	56410.38281	504871.8	5410572.4
L4870.0	504871.8	5410571.1	42991.50000	382.44	0	48.848091	-86.933594	56388.59	56236.8	13.17	56401.76	56400.81641	56407.60061	56411.40625	504871.8	5410571.1
L4870.0	504871.8	5410571.1	42991.60156	384.46	0	48.848091	-86.933594	56388.36	56236.8	13.16	56401.53	56400.81250	56405.82449	56409.77344	504871.8	5410571.1
L4870.0	504871.8	5410569.5	42991.69922	385.11	0	48.848077	-86.933594	56387.82	56236.8	13.16	56400.99	56400.50000	56396.52054	56400.61328	504871.8	5410569.5
L4870.0	504871.8	5410568.0	42991.80078	384.51	0	48.848063	-86.933594	56388.08	56236.8	13.16	56401.24	56400.97656	56406.49112	56410.73438	504871.8	5410568.0
L4870.0	504871.8	5410568.0	42991.89844	381.92	0	48.848063	-86.933594	56387.37	56236.8	13.16	56400.53	56400.49609	56393.10224	56397.49609	504871.8	5410568.0
L4870.0	504871.8	5410566.4	42991.89844	381.92	0	48.848048	-86.933594	56388.48	56236.8	13.16	56401.64	56401.83594	56424.08714	56428.63672	504871.8	5410566.4
L4870.0	504871.8	5410565.0	42992.10156	395.29	0	48.848036	-86.933595	56387.68	56236.8	13.16	56400.84	56401.26563	56408.57180	56413.27344	504871.8	5410565.0
L4870.0	504871.8	5410563.6	42992.19922	406.36	0	48.848023	-86.933595	56387.81	56236.8	13.16	56400.97	56401.62500	56415.75124	56420.60938	504871.8	5410563.6
L4870.0	504871.8	5410563.6	42992.30078	411.60	0	48.848023	-86.933595	56387.04	56236.8	13.16	56400.20	56401.08203	56401.04229	56406.05859	504871.8	5410563.6
L4870.0	504871.8	5410561.9	42992.39844	416.93	0	48.848008	-86.933595	56386.94	56236.8	13.16	56400.10	56401.21094	56402.69811	56407.87500	504871.8	5410561.9
L4870.0	504871.8	5410561.9	42992.50000	420.52	0	48.848008	-86.933595	56387.11	56236.8	13.17	56400.28	56401.62109	56411.21911	56416.55859	504871.8	5410561.9
L4870.0	504871.8	5410560.0	42992.60156	423.60	0	48.847991	-86.933594	56386.93	56236.8	13.17	56400.10	56401.66797	56411.01479	56416.51563	504871.8	5410560.0
L4870.0	504871.8	5410558.4	42992.69922	425.83	0	48.847977	-86.933594	56387.16	56236.8	13.17	56400.33	56402.12891	56420.84731	56426.51172	504871.8	5410558.4
L4870.0	504871.9	5410557.0	42992.80078	427.53	0	48.847964	-86.933594	56386.42	56236.8	13.17	56399.59	56401.61719	56407.09703	56412.92578	504871.9	5410557.0
L4870.0	504871.9	5410557.0	42992.89844	427.91	0	48.847964	-86.933594	56386.83	56236.8	13.17	56400.00	56402.25391	56421.41694	56427.41406	504871.9	5410557.0
L4870.0	504871.9	5410555.7	42993.00000	427.66	0	48.847952	-86.933594	56385.81	56236.8	13.17	56398.98	56401.46094	56400.95100	56407.11719	504871.9	5410555.7
L4870.0	504871.9	5410554.2	42993.10156	428.30	0	48.847939	-86.933594	56386.24	56236.8	13.17	56399.41	56402.11719	56415.86849	56422.20313	504871.9	5410554.2
L4870.0	504871.9	5410554.2	42993.19922	427.48	0	48.847939	-86.933594	56385.56	56236.8	13.17	56398.73	56401.66406	56403.80056	56410.30078	504871.9	5410554.2
L4870.0	504871.9	5410553.0	42993.30078	429.36	0	48.847928	-86.933593	56385.66	56236.8	13.17	56398.83	56401.98828	56410.79645	56417.46875	504871.9	5410553.0
L4870.0	504872.0	5410551.9	42993.39844	429.51	0	48.847918	-86.933593	56385.20	56236.8	13.17	56398.37	56401.75391	56404.21084	56411.05469	504872.0	5410551.9
L4870.0	504872.0	5410550.6	42993.50000	428.77	0	48.847906	-86.933593	56384.84	56236.8	13.17	56398.02	56401.62500	56400.36929	56407.38672	504872.0	5410550.6
L4870.0	504872.0	5410550.6	42993.60156	428.40	0	48.847906	-86.933593	56385.20	56236.8	13.18	56398.38	56402.20703	56413.89184	56421.08203	504872.0	5410550.6
L4870.0	504872.0	5410549.0	42993.69922	427.08	0	48.847892	-86.933592	56384.99	56236.8	13.18	56398.17	56402.21875	56413.59487	56420.95703	504872.0	5410549.0
L4870.0	504872.1	5410547.5	42993.80078	427.20	0	48.847879	-86.933591	56385.40	56236.8	13.18	56398.58	56402.85156	56428.47288	56436.00781	504872.1	5410547.5
L4870.0	504872.1	5410546.2	42993.89844	424.37	0	48.847867	-86.933591	56384.48	56236.8	13.18	56397.66	56402.14844	56411.01855	56418.73047	504872.1	5410546.2
L4870.0	504872.1	5410545.0	42993.89844	424.37	0	48.847856	-86.933591	56384.56	56236.8	13.18	56397.74	56402.44922	56418.00082	56425.88672	504872.1	5410545.0
L4870.0	504872.1	5410545.0	42994.10156	405.95	0	48.847856	-86.933591	56383.67	56236.8	13.18	56396.85	56401.77344	56401.42500	56409.48438	504872.1	5410545.0
L4870.0	504872.1	5410543.0	42994.19922	405.55	0	48.847838	-86.933590	56384.06	56236.8	13.17	56397.23	56402.37109	56415.86721	56424.10156	504872.1	5410543.0
L4870.0	504872.2	5410541.7	42994.30078	400.79	0	48.847826	-86.933590	56383.84	56236.8	13.17	56397.01	56402.36328	56415.76902	56424.17969	504872.2	5410541.7
L4870.0	504872.2	5410541.7	42994.39844	399.52	0	48.847826	-86.933590	56383.77	56236.8	13.17	56396.93	56402.49609	56419.16101	56427.74609	504872.2	5410541.7
L4870.0	504872.2	5410540.0	42994.50000	408.69	0	48.847811	-86.933590	56383.49	56236.8	13.17	56396.65	56402.42578	56417.76100	56426.52344	504872.2	5410540.0
L4870.0	504872.2	5410538.9	42994.60156	401.82	0	48.847801	-86.933590	56382.95	56236.8	13.16	56396.11	56402.09375	56410.10855	56419.04297	504872.2	5410538.9
L4870.0	504872.2	5410537.3	42994.69922	403.43	0	48.847787	-86.933590	56383.21	56236.8	13.16	56396.37	56402.56250	56422.03047	56431.14063	504872.2	5410537.3
L4870.0	504872.2	5410537.3	42994.80078	409.91	0	48.847787	-86.933590	56382.32	56236.8	13.16	56395.48	56401.87891	56406.01896	56415.30078	504872.2	5410537.3
L4870.0	504872.2	5410535.7	42994.89844	413.42	0	48.847772	-86.933590	56382.70	56236.8	13.15	56395.85	56402.45313	56420.79158	56430.25000	504872.2	5410535.7
L4870.0	504872.2	5410534.2	42995.00000	414.69	0	48.847758	-86.933590	56382.26	56236.8	13.15	56395.41	56402.21484	56415.91680	56425.54688	504872.2	5410534.2
L4870.0	504872.2	5410534.2	42995.10156	413.45	0	48.847758	-86.933590	56382.44	56236.8	13.15	56395.59	56402.59375	56426.23573	56436.03906	504872.2	5410534.2
L4870.0	504872.2	5410532.8	42995.19922	411.05	0	48.847746	-86.933590	56381.52	56236.8	13.15	56394.67	56401.87109	56409.84397	56419.81641	504872.2	5410532.8
L4870.0	504872.2	5410531.5	42995.30078	411.73	0	48.847734	-86.933590	56381.47	56236.8	13.15	56394.62	56402.01563	56414.73887	56424.88281	504872.2	5410531.5
L4870.0	504872.2	5410531.5	42995.39844	412.77	0	48.847734	-86.933590	56381.02	56236.8	13.15	56394.17	56401.76172	56409.97955	56420.29688	504872.2	5410531.5
L4870.0	504872.2	5410529.9	42995.50000	412.57	0	48.847720	-86.933590	56380.63	56236.8	13.15	56393.78	56401.56250	56406.77416	56417.25781	504872.2	5410529.9
L4870.0	504872.2	5410529.9	42995.60156	412.96	0	48.847720	-86.933590	56380.58	56236.8	13.15	56393.73	56401.69922	56411.94532	56422.59766	504872.2	5410529.9
L4870.0	504872.2	5410528.4	42995.69922	410.88	0	48.847706	-86.933590	56380.09	56236.8	13.15	56393.24	56401.39844	56406.49016	56417.30859	504872.2	5410528.4
L4870.0	504872.2	5410527.3	42995.80078	411.12	0	48.847697	-86.933590	56380.14	56236.8	13.15	56393.29	56401.63281	56414.28571	56425.26953	504872.2	5410527.3
L4870.0	504872.2	5410526.3	42995.89844	411.23	0	48.847688	-86.933590	56379.20	56236.8	13.15	56392.35	56400.87500	56398.05627	56409.20703	504872.2	5410526.3
L4870.0	504872.2	5410525.1	42995.89844	411.23	0	48.847676	-86.933590	56379.56	56236.8	13.15	56392.71	56401.41406	56413.59509	56424.90625	504872.2	5410525.1
L4870.0	504872.2	5410525.1	42996.10156	412.24	0	48.847676	-86.933590	56378.64	56236.9	13.15	56391.79	56400.66797	56398.04452	56409.51953	504872.2	5410525.1
L4870.0	504872.2	5410523.3	42996.19922	409.57	0	48.847661	-86.933590	56378.90	56236.9	13.15	56392.05	56401.10547	56411.33952	56422.97266	504872.2	5410523.3
L4870.0	504872.2	5410522.2	42996.30078	408.92	0	48.847651	-86.933590	56378.64	56236.9	13.15	56391.79	56401.01563	56412.06230	56423.85547	504872.2	5410522.2
L4870.0	504872.2	5410522.2	42996.39844	408.54	0	48.847651	-86.933590	56378.70	56236.9	13.15	56391.84	56401.23438	56420.43499	56432.38281	504872.2	5410522.2

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4870.0	504872.2	5410520.8	42996.50000	411.95	0	48.847638	-86.933590	56378.43	56236.9	13.14	56391.58	56401.14063	56421.35239	56433.45703	504872.2	5410520.8
L4870.0	504872.2	5410519.0	42996.60156	408.87	0	48.847622	-86.933590	56377.90	56236.9	13.14	56391.04	56400.76172	56415.54560	56427.80078	504872.2	5410519.0
L4870.0	504872.2	5410517.4	42996.69922	408.54	0	48.847608	-86.933590	56377.95	56236.9	13.14	56391.10	56400.98438	56424.45473	56436.85938	504872.2	5410517.4
L4870.0	504872.2	5410516.3	42996.80078	408.32	0	48.847598	-86.933590	56377.21	56236.9	13.14	56390.35	56400.39063	56413.72715	56426.28125	504872.2	5410516.3
L4870.0	504872.2	5410516.3	42996.89844	411.28	0	48.847598	-86.933590	56377.09	56236.9	13.14	56390.23	56400.42578	56418.44648	56431.14844	504872.2	5410516.3
L4870.0	504872.2	5410514.7	42997.00000	412.59	0	48.847583	-86.933590	56376.16	56236.9	13.14	56389.30	56399.64844	56403.52903	56416.37891	504872.2	5410514.7
L4870.0	504872.2	5410512.3	42997.10156	406.66	0	48.847562	-86.933590	56376.32	56236.9	13.14	56389.46	56399.95703	56415.26560	56428.25391	504872.2	5410512.3
L4870.0	504872.2	5410512.3	42997.19922	405.01	0	48.847562	-86.933590	56376.29	56236.9	13.13	56389.42	56400.06250	56422.22693	56435.35547	504872.2	5410512.3
L4870.0	504872.2	5410511.2	42997.30078	413.95	0	48.847552	-86.933590	56376.04	56236.9	13.13	56389.17	56399.95703	56424.16914	56437.43750	504872.2	5410511.2
L4870.0	504872.2	5410509.7	42997.39844	412.50	0	48.847538	-86.933590	56375.24	56236.9	13.13	56388.37	56399.29688	56412.80833	56426.21094	504872.2	5410509.7
L4870.0	504872.2	5410509.7	42997.50000	412.32	0	48.847538	-86.933590	56374.79	56236.9	13.13	56387.91	56398.97266	56409.82778	56423.36328	504872.2	5410509.7
L4870.0	504872.2	5410508.3	42997.60156	414.54	0	48.847526	-86.933590	56374.84	56236.9	13.12	56387.96	56399.15625	56419.36889	56433.03516	504872.2	5410508.3
L4870.0	504872.1	5410506.1	42997.69922	413.52	0	48.847506	-86.933591	56373.87	56236.9	13.12	56386.99	56398.31641	56404.15488	56417.94531	504872.1	5410506.1
L4870.0	504872.1	5410506.1	42997.80078	411.66	0	48.847506	-86.933591	56374.15	56236.9	13.12	56387.26	56398.71094	56419.24703	56433.16406	504872.1	5410506.1
L4870.0	504872.1	5410505.3	42997.89844	410.97	0	48.847499	-86.933591	56373.66	56236.9	13.11	56386.78	56398.35547	56416.16117	56430.19922	504872.1	5410505.3
L4870.0	504872.1	5410503.9	42997.89844	410.97	0	48.847486	-86.933591	56373.46	56236.9	13.11	56386.57	56398.26563	56419.74759	56433.90625	504872.1	5410503.9
L4870.0	504872.1	5410503.9	42998.10156	408.29	0	48.847486	-86.933591	56372.56	56236.9	13.11	56385.67	56397.48438	56406.61654	56420.89063	504872.1	5410503.9
L4870.0	504872.1	5410502.1	42998.19922	409.22	0	48.847470	-86.933591	56371.95	56236.9	13.11	56385.06	56396.98828	56400.64369	56415.02734	504872.1	5410502.1
L4870.0	504872.1	5410500.7	42998.30078	380.02	0	48.847458	-86.933592	56371.54	56236.9	13.11	56384.65	56396.68750	56399.63555	56414.12891	504872.1	5410500.7
L4870.0	504872.1	5410499.4	42998.39844	384.09	0	48.847446	-86.933592	56370.93	56236.9	13.11	56384.04	56396.18750	56393.84587	56408.44922	504872.1	5410499.4
L4870.0	504872.1	5410499.4	42998.50000	389.42	0	48.847446	-86.933592	56371.21	56236.9	13.11	56384.32	56396.57031	56409.83017	56424.53516	504872.1	5410499.4
L4870.0	504872.0	5410497.9	42998.60156	393.68	0	48.847432	-86.933592	56370.12	56236.9	13.11	56383.23	56395.58203	56392.52577	56407.33203	504872.0	5410497.9
L4870.0	504872.0	5410496.3	42998.69922	398.87	0	48.847418	-86.933593	56370.45	56236.9	13.11	56383.56	56396.00781	56409.90628	56424.80859	504872.0	5410496.3
L4870.0	504872.0	5410494.8	42998.80078	402.44	0	48.847404	-86.933593	56369.56	56236.9	13.11	56382.67	56395.21094	56397.65075	56412.64844	504872.0	5410494.8
L4870.0	504871.9	5410493.4	42998.89844	409.66	0	48.847392	-86.933594	56369.43	56236.9	13.11	56382.54	56395.17188	56403.99817	56419.08594	504871.9	5410493.4
L4870.0	504871.9	5410493.4	42999.00000	415.84	0	48.847392	-86.933594	56368.48	56236.9	13.11	56381.59	56394.30859	56390.45299	56405.62500	504871.9	5410493.4
L4870.0	504871.9	5410492.0	42999.10156	418.57	0	48.847379	-86.933594	56368.43	56236.9	13.11	56381.54	56394.34375	56398.91957	56414.17578	504871.9	5410492.0
L4870.0	504871.9	5410490.8	42999.19922	422.52	0	48.847368	-86.933594	56368.13	56236.9	13.10	56381.23	56394.11328	56401.13502	56416.47266	504871.9	5410490.8
L4870.0	504871.9	5410490.8	42999.30078	426.06	0	48.847368	-86.933594	56367.74	56236.9	13.10	56380.84	56393.80078	56401.48366	56416.89453	504871.9	5410490.8
L4870.0	504871.9	5410489.0	42999.39844	428.57	0	48.847352	-86.933595	56367.76	56236.9	13.10	56380.86	56393.89453	56411.90253	56427.38672	504871.9	5410489.0
L4870.0	504871.8	5410487.7	42999.50000	428.92	0	48.847340	-86.933595	56366.95	56236.9	13.10	56380.05	56393.15234	56402.17955	56417.73438	504871.8	5410487.7
L4870.0	504871.8	5410486.4	42999.60156	429.87	0	48.847328	-86.933596	56367.16	56236.9	13.09	56380.25	56393.41797	56417.14259	56432.76172	504871.8	5410486.4
L4870.0	504871.8	5410486.4	42999.69922	431.66	0	48.847328	-86.933596	56365.81	56236.9	13.09	56378.89	56392.12109	56394.17592	56409.85547	504871.8	5410486.4
L4870.0	504871.8	5410484.8	42999.80078	435.24	0	48.847314	-86.933596	56365.78	56236.9	13.09	56378.86	56392.15234	56403.68916	56419.42969	504871.8	5410484.8
L4870.0	504871.8	5410483.4	42999.89844	436.10	0	48.847302	-86.933596	56364.71	56236.9	13.08	56377.79	56391.14063	56387.93928	56403.73438	504871.8	5410483.4
L4870.0	504871.8	5410483.4	42999.89844	436.10	0	48.847302	-86.933596	56364.75	56236.9	13.08	56377.84	56391.24219	56399.55043	56415.39453	504871.8	5410483.4
L4870.0	504871.8	5410481.8	43000.10156	431.27	0	48.847288	-86.933596	56364.04	56236.9	13.08	56377.12	56390.57031	56392.47407	56408.36328	504871.8	5410481.8
L4870.0	504871.7	5410480.4	43000.19922	428.63	0	48.847274	-86.933597	56363.79	56236.9	13.08	56376.86	56390.35547	56396.67616	56412.60938	504871.7	5410480.4
L4870.0	504871.7	5410479.3	43000.30078	429.92	0	48.847265	-86.933597	56363.13	56236.9	13.08	56376.20	56389.73828	56391.20268	56407.17578	504871.7	5410479.3
L4870.0	504871.7	5410479.3	43000.39844	428.99	0	48.847265	-86.933597	56362.38	56236.9	13.08	56375.46	56389.03906	56383.84866	56399.85547	504871.7	5410479.3
L4870.0	504871.7	5410477.6	43000.50000	428.41	0	48.847249	-86.933597	56362.34	56236.9	13.07	56375.41	56389.02344	56393.37278	56409.41406	504871.7	5410477.6
L4870.0	504871.7	5410476.1	43000.60156	426.94	0	48.847236	-86.933597	56361.34	56236.9	13.07	56374.41	56388.05859	56379.81737	56395.88281	504871.7	5410476.1
L4870.0	504871.7	5410475.0	43000.69922	424.84	0	48.847226	-86.933597	56361.56	56236.9	13.07	56374.64	56388.31641	56396.29381	56412.38281	504871.7	5410475.0
L4870.0	504871.7	5410475.0	43000.80078	423.47	0	48.847226	-86.933597	56360.47	56236.9	13.07	56373.54	56387.24219	56380.42987	56396.53906	504871.7	5410475.0
L4870.0	504871.7	5410473.4	43000.89844	423.80	0	48.847212	-86.933597	56360.62	56236.9	13.07	56373.69	56387.41797	56395.08240	56411.21094	504871.7	5410473.4
L4870.0	504871.7	5410473.4	43001.00000	420.27	0	48.847212	-86.933597	56359.91	56236.9	13.07	56372.98	56386.72656	56388.84282	56404.98438	504871.7	5410473.4
L4870.0	504871.7	5410471.8	43001.10156	413.68	0	48.847198	-86.933597	56359.75	56236.9	13.07	56372.82	56386.58203	56396.06252	56412.21094	504871.7	5410471.8
L4870.0	504871.7	5410470.0	43001.19922	404.94	0	48.847181	-86.933597	56358.88	56236.9	13.07	56371.96	56385.73438	56386.28567	56402.44141	504871.7	5410470.0
L4870.0	504871.7	5410468.6	43001.30078	396.48	0	48.847169	-86.933597	56358.22	56236.9	13.07	56371.30	56385.08594	56381.43822	56397.59375	504871.7	5410468.6
L4870.0	504871.7	5410468.6	43001.39844	394.74	0	48.847169	-86.933597	56357.95	56236.9	13.07	56371.02	56384.81250	56385.90433	56402.05859	504871.7	5410468.6
L4870.0	504871.7	5410467.6	43001.50000	395.81	0	48.847159	-86.933598	56357.13	56236.9	13.07	56370.20	56383.99609	56377.26819	56393.41406	504871.7	5410467.6
L4870.0	504871.7	5410465.6	43001.60156	394.95	0	48.847142	-86.933598	56357.16	56236.9	13.08	56370.23	56384.02734	56389.39398	56405.53125	504871.7	5410465.6
L4870.0	504871.7	5410465.6	43001.69922	396.88	0	48.847142	-86.933598	56356.41	56236.9	13.08	56369.48	56383.27344	56382.56773	56398.69141	504871.7	5410465.6
L4870.0	504871.7	5410464.1	43001.80078	400.34	0	48.847128	-86.933598	56356.28	56236.9	13.08	56369.36	56383.14844	56391.14092	56407.25000	504871.7	5410464.1
L4870.0	504871.7	5410462.7	43001.89844	405.68	0	48.847116	-86.933598	56355.39	56236.9	13.08	56368.47	56382.25000	56381.00326	56397.08984	504871.7	5410462.7
L4870.0	504871.6	5410461.4	43001.89844	405.68	0	48.847104	-86.933598	56355.04	56236.9	13.08	56368.11	56381.87891	56383.82626	56399.89063	504871.6	5410461.4
L4870.0	504871.6	5410460.0	43002.10156	415.87	0	48.847092	-86.933598	56354.17	56236.9	13.08	56367.24	56380.99219	56374.27058	56390.30859	504871.6	5410460.0
L4870.0	504871.6	5410460.0	43002.19922	418.99	0	48.847092	-86.933598	56353.89	56236.9	13.07	56366.96	56380.69531	56379.13504	56395.14063	504871.6	5410460.0
L4870.0	504871.6	5410458.4	43002.30078	423.87	0	48.847077	-86.933599	56353.27	56236.9	13.07	56366.34	56380.05469	56375.76035	56391.73438	504871.6	5410458.4
L4870.0	504871.6	5410457.0	43002.39844	428.22	0	48.847065	-86.933599	56352.30	56236.9	13.06	56365.36	56379.05078	56363.65811	56379.59375	504871.6	5410457.0
L4870.0	504871.6	5410457.0	43002.50000	431.16	0	48.847065	-86.933599	56352.10	56236.9	13.06	56365.15	56378.81641	56370.35814	56386.25391	504871.6	5410457.0
L4870.0	504871.6	5410455.7	43002.60156	432.79	0	48.847052	-86.933599	56351.79	56236.9	13.05	56364.84	56378.47656	56374.66302	56390.51172	504871.6	5410455.7
L4870.0	504871.6	5410454.3	43002.69922	432.43	0	48.847040	-86.933599	56352.07	56237	13.04	56365.12	56378.72656	56393.38263	56409.18750	504871.6	5410454.3
L4870.0	504871.6	5410453.2	43002.80078	431.41	0	48.847030	-86.933599	56351.62	56237	13.04	56364.66	56378.23047	56394.11232	56409.86719	504871.6	5410453.2
L4870.0	504871.5	5410451.8	43002.89844	431.38	0	48.847018	-86.933600	56351.44	56237	13.03	56364.47	56378.00391	56401.45839	56417.15625	504871.5	5410451.8
L4870.0	504871.5	5410451.8	43003.00000	430.75	0	48.847018	-86.933600	56350.62	56237	13.03	56363.65	56377.14453	56393.49262	56409.13672	504871.5	5410451.8
L4870.0	504871.5	5410450.2	43003.10156	427.42	0	48.847003	-86.933600	56350.24	56237	13.03	56363.27	56376.72266	56396.28315	56411.86719	504871.5	5410450.2
L4870.0	504871.5	5410450.2	43003.19922	420.54	0	48.847003	-86.933600	56349.34	56237	13.03	56362.37	56375.77734	56386.44003	56401.96094	504871.5	5410450.2
L4870.0	504871.5	5410448.5	43003.30078	411.56	0	48.846988	-86.933600	56348.91	56237	13.03	56361.94	56375.30078	56388.08236	56403.53906	504871.5	5410448.5
L4870.0	504871.5	5410447.2	43003.39844	400.65	0	48.846976	-86.933601	56348.38	56237	13.03	56361.41	56374.72266	56387.32205	56402.71094	504871.5	5410447.2
L4870.0	504871.5	5410445.8	43003.50000	393.19	0	48.846964	-86.933601	56347.61	56237	13.04	56360.64	56373.90234	56380.74739	56396.06250	504871.5	5410445.8
L4870.0	504871.4	5410444.2	43003.60156	388.58	0	48.846950	-86.933601	56347.07	56237	13.04	56360.11	56373.31641	56380.05213	56395.29297	504871.4	5410444.2
L4870.0	504871.4	5410444.2	43003.69922	389.71	0	48.846950	-86.933601	56346.25	56237	13.04	56359.29	56372.44141	56372.32281	56387.48828	504871.4	5410444.2
L4870.0	504871.4	5410442.7	43003.80078	391.03	0	48.846936	-86.933602	56346.13	56237	13.04	56359.17	56372.26172	56381.67871	56396.76563	504871.4	5410442.7
L4870.0	504871.4	5410441.3	43003.89844	395.87	0	48.846923	-86.933602	56345.31	56237	13.04	56358.35	56371.37891	56374.01005	56389.01563	504871.4	5410441.3
L4870.0	504871.4	5410440.2	43003.89844	395.87	0	48.846914	-86.933602	56344.90	56237	13.04	56357.94	56370.90625	56376.35981	56391.28125	504871.4	5410440.2
L4870.0	504871.4	5410440.2	43004.10156	402.19	0	48.846914	-86.933602	56343.42	56237	13.04	56356.46	56369.36328	56352.66919	56367.50391	504871.4	5410440.2
L4870.0	504871.4	5410438.3	43004.19922	413.75	0	48.846896	-86.933602	56342.98	56237	13.04	56356.02	56368.85547	56354.34485	56369.09375	504871.4	5410438.3
L4870.0	504871.4	5410437.1	43004.30078	415.97	0	48.846885	-86.933602	56342.29	56237	13.04	56355.33	56368.09766	56349.95713	56364.61328	504871.4	5410437.1
L4870.0	504871.4	5410437.1	43004.39844	418.62	0	48.846885	-86.933602	56342.18	56237	13.04	56355.21	56367.90625	56359.48366	56374.04688	504871.4	5410437.1
L4870.0	504871.3	5410435.5	43004.50000	419.72	0	48.846871	-86.933603	56341.84	56237	13.03	56354.87	56367.49219	56363.67668	56378.14453	504871.3	5410435.5
L4870.0	504871.3	5410433.8	43004.60156	424.14	0	48.846856	-86.933603	56342.09	56237	13.03	56355.12	56367.66797	56382.27022	56396.64063	504871.3	5410433.8
L4870.0	504871.3	5410433.8	43004.69922	425.72	0	48.846856	-86.933603	56341.43	56237	13.03	56354.47	56366.94141	56378.96202	56393.23438	504871.3	5410433.8
L4870.0	504871.3	5410432.5	43004.80078	425.58	0	48.846844	-86.933603	56340.21	56237	13.03	56353.24	56365.63281	56361.54802	56375.71875	504871.3	5410432.5
L4870.0	504871.3	5410431.0	43004.89844	424.74	0	48.846830	-86.933603	56339.80	56237	13.03	56352.83	56365.14063	56364.13687	56378.20313	504871.3	5410431.0
L4870.0	504871.3	5410429.6	43005.00000	424.18	0	48.846818	-86.933603	56339.29	56237	13.03	56352.32	56364.55078	56364.31366	56378.27344	504871.3	5410429.6
L4870.0	504871.3	5410429.6	43005.10156	422.91	0	48.846818	-86.933603	56339.06	56237	13.03	56352.08	56364.22656	56371.09258	56384.94922	504871.3	5410429.6
L4870.0	504871.4	5410428.2	43005.19922	421.37	0	48.846806	-86.933603	56338.17	56237	13.03	56351.20	56363.26172	56362.30237	56376.05078	504871.4	5410428.2
L4870.0	504871.4	5410426.6	43005.30078	421.14	0	48.846791	-86.933602	56338.19	56237	13.03	56351.22	56363.19531	56375.46272	56389.10156	504871.4	5410426.6
L4870.0	504871.4	5410425.5	43005.39844	421.46	0	48.846781	-86.933602	56337.73	56237	13.03	56350.76	56362.64844	56376.95152	56390.47656	504871.4	5410425.5
L4870.0	504871.4	5410425.5	43005.50000	420.81	0	48.846781	-86.933602	56337.40	56237	13.03	56350.43	56362.22656	56381.63032	56395.04297	504871.4	5410425.5
L4870.0	504871.4	5410423.4	43005.60156	417.97	0	48.846762	-86.933602	56336.38	56237	13.03	56349.41	56361.11719	56369.52068	56382.82031	504871.4	5410423.4
L4870.0	504871.4	5410422.0	43005.69922	415.40	0	48.846750	-86.933602	56335.25	56237	13.03	56348.28	56359.89453	56354.75328	56367.94141	504871.4	5410422.0

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4870.0	504871.4	5410422.0	43005.80078	412.33	0	48.846750	-86.933602	56334.70	56237	13.03	56347.72	56359.24219	56353.89518	56366.96875	504871.4	5410422.0
L4870.0	504871.4	5410420.7	43005.89844	402.03	0	48.846738	-86.933602	56333.98	56237	13.03	56347.01	56358.43750	56349.40434	56362.35938	504871.4	5410420.7
L4870.0	504871.4	5410420.7	43005.89844	402.03	0	48.846738	-86.933602	56334.11	56237	13.03	56347.14	56358.47266	56365.40060	56378.23828	504871.4	5410420.7
L4870.0	504871.4	5410419.4	43006.10156	379.78	0	48.846726	-86.933602	56333.26	56237	13.03	56346.29	56357.52734	56357.54197	56370.26172	504871.4	5410419.4
L4870.0	504871.4	5410417.7	43006.19922	371.43	0	48.846711	-86.933602	56333.39	56237	13.03	56346.42	56357.56250	56373.58102	56386.18359	504871.4	5410417.7
L4870.0	504871.4	5410416.4	43006.30078	399.04	0	48.846699	-86.933602	56332.48	56237	13.02	56345.50	56356.54297	56364.05943	56376.54297	504871.4	5410416.4
L4870.0	504871.4	5410414.9	43006.39844	399.45	0	48.846686	-86.933602	56331.65	56237	13.02	56344.67	56355.61328	56356.75162	56369.11328	504871.4	5410414.9
L4870.0	504871.4	5410414.9	43006.50000	374.83	0	48.846686	-86.933602	56330.79	56237	13.02	56343.81	56354.65234	56348.73383	56360.97266	504871.4	5410414.9
L4870.0	504871.4	5410413.7	43006.60156	379.79	0	48.846675	-86.933602	56330.36	56237	13.02	56343.38	56354.12500	56351.21323	56363.33203	504871.4	5410413.7
L4870.0	504871.4	5410412.4	43006.69922	384.62	0	48.846663	-86.933602	56330.20	56237	13.02	56343.22	56353.86328	56360.29154	56372.28906	504871.4	5410412.4
L4870.0	504871.4	5410410.9	43006.80078	388.89	0	48.846649	-86.933602	56329.14	56237	13.01	56342.15	56352.69141	56347.21959	56359.09375	504871.4	5410410.9
L4870.0	504871.4	5410410.9	43006.89844	397.26	0	48.846649	-86.933602	56329.00	56237	13.01	56342.02	56352.45703	56357.07002	56368.82031	504871.4	5410410.9
L4870.0	504871.4	5410409.4	43007.00000	402.96	0	48.846636	-86.933602	56328.16	56237	13.01	56341.17	56351.50391	56349.39912	56361.02734	504871.4	5410409.4
L4870.0	504871.4	5410407.6	43007.10156	406.68	0	48.846620	-86.933602	56327.96	56237	13.01	56340.96	56351.19141	56357.34137	56368.84766	504871.4	5410407.6
L4870.0	504871.4	5410407.6	43007.19922	411.93	0	48.846620	-86.933602	56327.14	56237	13.00	56340.15	56350.27734	56350.68579	56362.07422	504871.4	5410407.6
L4870.0	504871.4	5410406.2	43007.30078	415.37	0	48.846607	-86.933602	56326.78	56237	13.00	56339.78	56349.80078	56354.77052	56366.03516	504871.4	5410406.2
L4870.0	504871.4	5410404.9	43007.39844	417.96	0	48.846595	-86.933602	56325.43	56237	13.00	56338.43	56348.34766	56334.99915	56346.14063	504871.4	5410404.9
L4870.0	504871.4	5410403.0	43007.50000	422.02	0	48.846578	-86.933602	56325.15	56237	13.00	56338.15	56347.96094	56341.31705	56352.33594	504871.4	5410403.0
L4870.0	504871.4	5410403.0	43007.60156	424.13	0	48.846578	-86.933602	56324.71	56237	12.99	56337.70	56347.40625	56343.51329	56354.41016	504871.4	5410403.0
L4870.0	504871.4	5410401.5	43007.69922	423.67	0	48.846565	-86.933603	56324.44	56237	12.99	56337.43	56347.03125	56350.11509	56360.89063	504871.4	5410401.5
L4870.0	504871.4	5410400.3	43007.80078	424.10	0	48.846554	-86.933603	56323.87	56237	12.99	56336.86	56346.35547	56349.42787	56360.08594	504871.4	5410400.3
L4870.0	504871.4	5410399.0	43007.89844	427.14	0	48.846542	-86.933603	56323.36	56237	12.98	56336.34	56345.72656	56349.97884	56360.51172	504871.4	5410399.0
L4870.0	504871.4	5410397.7	43007.89844	427.14	0	48.846531	-86.933603	56322.78	56237	12.98	56335.76	56345.04297	56349.08796	56359.50000	504871.4	5410397.7
L4870.0	504871.4	5410397.7	43008.10156	429.79	0	48.846531	-86.933603	56321.76	56237	12.98	56334.74	56343.91406	56337.49701	56347.79297	504871.4	5410397.7
L4870.0	504871.4	5410396.3	43008.19922	431.28	0	48.846518	-86.933603	56321.22	56237	12.99	56334.21	56343.28125	56337.86412	56348.04297	504871.4	5410396.3
L4870.0	504871.4	5410395.0	43008.30078	429.93	0	48.846507	-86.933603	56320.50	56237	12.99	56333.49	56342.45313	56333.62198	56343.68359	504871.4	5410395.0
L4870.0	504871.4	5410393.7	43008.39844	428.54	0	48.846495	-86.933603	56320.38	56237	12.99	56333.37	56342.22656	56344.01779	56353.95703	504871.4	5410393.7
L4870.0	504871.4	5410393.7	43008.50000	427.99	0	48.846495	-86.933603	56319.54	56237	13.00	56332.53	56341.28125	56336.89152	56346.71484	504871.4	5410393.7
L4870.0	504871.4	5410392.1	43008.60156	430.96	0	48.846481	-86.933603	56319.11	56237	13.00	56332.10	56340.74609	56339.77401	56349.48047	504871.4	5410392.1
L4870.0	504871.4	5410390.8	43008.69922	428.52	0	48.846469	-86.933603	56318.51	56237	13.00	56331.51	56340.05078	56338.77794	56348.37500	504871.4	5410390.8
L4870.0	504871.4	5410390.8	43008.80078	425.69	0	48.846469	-86.933603	56318.00	56237	13.00	56331.00	56339.43750	56339.75052	56349.23438	504871.4	5410390.8
L4870.0	504871.4	5410389.3	43008.89844	423.50	0	48.846455	-86.933603	56317.98	56237	13.01	56330.99	56339.32422	56352.92440	56362.29297	504871.4	5410389.3
L4870.0	504871.4	5410389.3	43009.00000	420.85	0	48.846455	-86.933603	56317.24	56237	13.01	56330.25	56338.47656	56348.33225	56357.58594	504871.4	5410389.3
L4870.0	504871.3	5410386.6	43009.10156	419.61	0	48.846431	-86.933603	56316.46	56237	13.01	56329.48	56337.60547	56343.02855	56352.17188	504871.3	5410386.6
L4870.0	504871.3	5410386.6	43009.19922	412.00	0	48.846431	-86.933603	56315.28	56237	13.01	56328.29	56336.31250	56327.51139	56336.54688	504871.3	5410386.6
L4870.0	504871.4	5410385.2	43009.30078	401.11	0	48.846419	-86.933603	56315.78	56237	13.01	56328.79	56336.70703	56353.18795	56362.11719	504871.4	5410385.2
L4870.0	504871.4	5410385.2	43009.39844	390.93	0	48.846419	-86.933603	56315.58	56237	13.01	56328.59	56336.40625	56361.82908	56370.64844	504871.4	5410385.2
L4870.0	504871.4	5410383.2	43009.50000	403.85	0	48.846401	-86.933603	56315.33	56237	13.01	56328.34	56336.05469	56369.27104	56377.98438	504871.4	5410383.2
L4870.0	504871.4	5410381.9	43009.60156	403.16	0	48.846389	-86.933603	56313.95	56237	13.02	56326.96	56334.57422	56349.20102	56357.80859	504871.4	5410381.9
L4870.0	504871.4	5410381.9	43009.69922	404.74	0	48.846389	-86.933603	56312.70	56237	13.02	56325.71	56333.22266	56332.31709	56340.82422	504871.4	5410381.9
L4870.0	504871.4	5410380.4	43009.80078	405.42	0	48.846375	-86.933603	56312.44	56237	13.02	56325.46	56332.87500	56339.81550	56348.22266	504871.4	5410380.4
L4870.0	504871.4	5410378.5	43009.89844	402.90	0	48.846359	-86.933603	56311.88	56237	13.02	56324.90	56332.21484	56339.77979	56348.08594	504871.4	5410378.5
L4870.0	504871.4	5410377.2	43009.89844	402.90	0	48.846346	-86.933603	56311.56	56237	13.02	56324.58	56331.79688	56345.60984	56353.81250	504871.4	5410377.2
L4870.0	504871.4	5410377.2	43010.00000	401.74	0	48.846346	-86.933603	56310.61	56237	13.02	56323.63	56330.75000	56336.10918	56344.21484	504871.4	5410377.2
L4870.0	504871.4	5410375.9	43010.10156	401.37	0	48.846335	-86.933603	56309.82	56237	13.02	56322.84	56329.86328	56330.52495	56338.53906	504871.4	5410375.9
L4870.0	504871.4	5410374.3	43010.19922	400.92	0	48.846321	-86.933603	56308.82	56237	13.02	56321.84	56328.76563	56319.84248	56327.76172	504871.4	5410374.3
L4870.0	504871.4	5410374.3	43010.30078	411.14	0	48.846321	-86.933603	56309.15	56237	13.02	56322.17	56329.00000	56341.58162	56349.40625	504871.4	5410374.3
L4870.0	504871.4	5410372.7	43010.39844	412.08	0	48.846306	-86.933602	56308.11	56237	13.02	56321.13	56327.86719	56329.96045	56337.69141	504871.4	5410372.7
L4870.0	504871.4	5410370.9	43010.60156	409.60	0	48.846290	-86.933602	56307.43	56237	13.02	56320.45	56327.09375	56327.12789	56334.76953	504871.4	5410370.9
L4870.0	504871.4	5410370.9	43010.69922	409.24	0	48.846290	-86.933602	56306.77	56237	13.02	56319.79	56326.34375	56324.80018	56332.35547	504871.4	5410370.9
L4870.0	504871.4	5410369.6	43010.80078	408.19	0	48.846278	-86.933602	56306.35	56237	13.02	56319.37	56325.83203	56328.33715	56335.80469	504871.4	5410369.6
L4870.0	504871.4	5410368.0	43010.89844	410.03	0	48.846263	-86.933602	56305.73	56237	13.02	56318.75	56325.12109	56327.01867	56334.39844	504871.4	5410368.0
L4870.0	504871.4	5410368.0	43011.00000	409.86	0	48.846263	-86.933602	56305.45	56237	13.02	56318.46	56324.74219	56333.75730	56341.05469	504871.4	5410368.0
L4870.0	504871.4	5410366.1	43011.10156	408.79	0	48.846247	-86.933602	56305.19	56237	13.02	56318.21	56324.40625	56341.48742	56348.69922	504871.4	5410366.1
L4870.0	504871.5	5410364.9	43011.19922	408.55	0	48.846236	-86.933602	56304.38	56237	13.02	56317.40	56323.50781	56335.59071	56342.72656	504871.5	5410364.9
L4870.0	504871.5	5410364.9	43011.30078	405.94	0	48.846236	-86.933602	56303.66	56237	13.02	56316.68	56322.70313	56331.90336	56338.96094	504871.5	5410364.9
L4870.0	504871.5	5410363.5	43011.39844	409.21	0	48.846223	-86.933602	56302.74	56237	13.02	56315.76	56321.69922	56323.35974	56330.33984	504871.5	5410363.5
L4870.0	504871.5	5410362.3	43011.50000	409.68	0	48.846212	-86.933602	56302.67	56237	13.01	56315.68	56321.53516	56335.29786	56342.19922	504871.5	5410362.3
L4870.0	504871.5	5410360.8	43011.60156	431.15	0	48.846199	-86.933602	56302.05	56237	13.01	56315.06	56320.83203	56334.09575	56340.92188	504871.5	5410360.8
L4870.0	504871.5	5410360.8	43011.69922	430.34	0	48.846199	-86.933602	56301.72	56237	13.01	56314.74	56320.42969	56340.21867	56346.97656	504871.5	5410360.8
L4870.0	504871.5	5410359.4	43011.80078	430.07	0	48.846186	-86.933602	56300.68	56237	13.01	56313.69	56319.30078	56328.57192	56335.26172	504871.5	5410359.4
L4870.0	504871.4	5410357.9	43011.89844	427.84	0	48.846172	-86.933602	56300.16	56237	13.01	56313.17	56318.70313	56329.85350	56336.47266	504871.4	5410357.9
L4870.0	504871.4	5410357.9	43011.89844	427.84	0	48.846172	-86.933602	56299.53	56237	13.01	56312.54	56317.99609	56328.47050	56335.01953	504871.4	5410357.9
L4870.0	504871.4	5410356.6	43012.10156	425.89	0	48.846162	-86.933602	56298.54	56237	13.01	56311.55	56316.92969	56318.33185	56324.81641	504871.4	5410356.6
L4870.0	504871.4	5410355.3	43012.19922	420.95	0	48.846149	-86.933603	56298.27	56237	13.02	56311.29	56316.59375	56325.99372	56332.41406	504871.4	5410355.3
L4870.0	504871.4	5410355.3	43012.30078	417.49	0	48.846149	-86.933603	56297.58	56237	13.02	56310.60	56315.83203	56323.19413	56329.55469	504871.4	5410355.3
L4870.0	504871.4	5410353.5	43012.39844	411.28	0	48.846133	-86.933603	56297.31	56237	13.02	56310.33	56315.48828	56330.64199	56336.94141	504871.4	5410353.5
L4870.0	504871.4	5410353.5	43012.50000	406.01	0	48.846133	-86.933603	56296.16	56237	13.03	56309.19	56314.27734	56316.90805	56323.14844	504871.4	5410353.5
L4870.0	504871.4	5410351.5	43012.60156	401.99	0	48.846115	-86.933603	56296.16	56237	13.03	56309.18	56314.19531	56330.71939	56336.90234	504871.4	5410351.5
L4870.0	504871.3	5410350.3	43012.69922	390.55	0	48.846105	-86.933604	56295.14	56237	13.03	56308.17	56313.11719	56320.18132	56326.31250	504871.3	5410350.3
L4870.0	504871.3	5410349.0	43012.80078	381.35	0	48.846093	-86.933604	56294.31	56237	13.03	56307.34	56312.22266	56314.04274	56320.12109	504871.3	5410349.0
L4870.0	504871.3	5410349.0	43012.89844	381.26	0	48.846093	-86.933604	56293.70	56237	13.04	56306.74	56311.55469	56313.52169	56319.54688	504871.3	5410349.0
L4870.0	504871.3	5410347.2	43013.00000	380.72	0	48.846076	-86.933605	56293.20	56237	13.04	56306.24	56310.99219	56315.45072	56321.42188	504871.3	5410347.2
L4870.0	504871.3	5410345.8	43013.10156	387.35	0	48.846064	-86.933605	56292.91	56237	13.04	56305.96	56310.64844	56322.75333	56328.67578	504871.3	5410345.8
L4870.0	504871.2	5410344.5	43013.19922	395.40	0	48.846052	-86.933605	56291.94	56237	13.04	56304.99	56309.61328	56313.25846	56319.13672	504871.2	5410344.5
L4870.0	504871.2	5410344.5	43013.30078	397.48	0	48.846052	-86.933605	56291.77	56237	13.05	56304.82	56309.38281	56323.26778	56329.10156	504871.2	5410344.5
L4870.0	504871.2	5410343.1	43013.39844	403.07	0	48.846040	-86.933605	56290.56	56237	13.05	56303.61	56308.11328	56307.95207	56313.74219	504871.2	5410343.1
L4870.0	504871.2	5410341.1	43013.50000	401.62	0	48.846022	-86.933606	56290.37	56236.9	13.05	56303.42	56307.86719	56317.50027	56323.24609	504871.2	5410341.1
L4870.0	504871.2	5410340.0	43013.60156	406.55	0	48.846011	-86.933606	56289.70	56236.9	13.05	56302.75	56307.14063	56315.36684	56321.07422	504871.2	5410340.0
L4870.0	504871.2	5410340.0	43013.69922	420.86	0	48.846011	-86.933606	56289.16	56236.9	13.05	56302.22	56306.55469	56316.65709	56322.32422	504871.2	5410340.0
L4870.0	504871.1	5410338.2	43013.80078	424.54	0	48.845995	-86.933607	56288.20	56236.9	13.06	56301.25	56305.53125	56307.24003	56312.87500	504871.1	5410338.2
L4870.0	504871.1	5410336.8	43013.89844	428.37	0	48.845983	-86.933607	56287.48	56236.9	13.06	56300.54	56304.76563	56304.17010	56309.76563	504871.1	5410336.8
L4870.0	504871.1	5410335.5	43013.89844	428.37	0	48.845971	-86.933607	56287.12	56236.9	13.06	56300.18	56304.35547	56309.63995	56315.19922	504871.1	5410335.5
L4870.0	504871.1	5410335.5	43014.10156	432.93	0	48.845971	-86.933607	56285.92	56236.9	13.06	56298.98	56303.10547	56294.65679	56300.18359	504871.1	5410335.5
L4870.0	504871.1	5410334.0	43014.19922	433.46	0	48.845958	-86.933607	56285.85	56236.9	13.05	56298.90	56302.97656	56306.97328	56312.46875	504871.1	5410334.0
L4870.0	504871.1	5410332.5	43014.30078	432.88	0	48.845945	-86.933607	56284.93	56236.9	13.05	56297.98	56302.00781	56298.83666	56304.30469	504871.1	5410332.5
L4870.0	504871.1	5410332.5	43014.39844	432.77	0	48.845945	-86.933607	56284.79	56237	13.05	56297.84	56301.82031	56309.71598	56315.15625	504871.1	5410332.5
L4870.0	504871.1	5410331.0	43014.50000	430.67	0	48.845931	-86.933607	56283.81	56237	13.04	56296.86	56300.79688	56300.14216	56305.55078	504871.1	5410331.0
L4870.0	504871.1	5410329.8	43014.60156	430.80	0	48.845920	-86.933607	56283.78	56237	13.04	56296.82	56300.71094	56313.48246	56318.86719	504871.1	5410329.8
L4870.0	504871.1	5410328.7	43014.69922	429.71	0	48.845910	-86.933607	56282.61	56237	13.04	56295.65	56299.50000	56299.30418	56304.66406	504871.1	5410328.7
L4870.0	504871.1	5410328.7	43014.80078	429.66	0	48.845910	-86.933607	56281.89	56237	13.04	56294.93	56298.73828	56296.10192	56301.44141	504871.1	5410328.7
L4870.0	504871.1	5410327.2	43014.89844	428.64	0	48.845897	-86.933607	56281.53	56237	13.03	56294.56	56298.32813	56301.43935	56306.75391	504871.1	5410327.2
L4870.0	504871.1	5410325.7	43015.00000	428.93	0	48.845884	-86.933607	56280.94	56237	13.03	56293.97	56297.69531	56301.42931	56306.72266	504871.1	5410325.7

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4870.0	504871.1	5410325.7	43015.10156	428.01	0	48.845884	-86.933607	56280.68	56237	13.03	56293.71	56297.39844	56309.47190	56314.74609	504871.1	5410325.7
L4870.0	504871.1	5410323.8	43015.19922	427.35	0	48.845867	-86.933608	56279.41	56237	13.03	56292.44	56296.08984	56292.91998	56298.17578	504871.1	5410323.8
L4870.0	504871.1	5410322.6	43015.30078	428.05	0	48.845855	-86.933608	56278.93	56237	13.03	56291.96	56295.57422	56295.62823	56300.86719	504871.1	5410322.6
L4870.0	504871.0	5410321.2	43015.39844	427.23	0	48.845843	-86.933608	56277.45	56237	13.03	56290.48	56294.05859	56273.98595	56279.20703	504871.0	5410321.2
L4870.0	504871.0	5410319.9	43015.50000	424.26	0	48.845831	-86.933608	56277.86	56237	13.03	56290.89	56294.43750	56298.40423	56303.60938	504871.0	5410319.9
L4870.0	504871.0	5410319.9	43015.60156	422.46	0	48.845831	-86.933608	56277.91	56237	13.03	56290.94	56294.45313	56314.06513	56319.25391	504871.0	5410319.9
L4870.0	504871.0	5410318.2	43015.69922	421.71	0	48.845816	-86.933609	56277.87	56237	13.03	56290.90	56294.38281	56327.54711	56332.72266	504871.0	5410318.2
L4870.0	504871.0	5410316.9	43015.80078	417.52	0	48.845804	-86.933609	56276.22	56237	13.03	56289.25	56292.69922	56301.81774	56306.98438	504871.0	5410316.9
L4870.0	504871.0	5410316.9	43015.89844	405.61	0	48.845804	-86.933609	56274.64	56237	13.03	56287.67	56291.08984	56277.80825	56282.96094	504871.0	5410316.9
L4870.0	504871.0	5410315.7	43015.89844	405.61	0	48.845793	-86.933609	56274.34	56237	13.03	56287.37	56290.76172	56284.99899	56290.14063	504871.0	5410315.7
L4870.0	504871.0	5410314.2	43016.10156	409.97	0	48.845779	-86.933609	56273.63	56237	13.03	56286.66	56290.02344	56282.21581	56287.34375	504871.0	5410314.2
L4870.0	0.0	0.0	43016.19922	383.15	0	48.845766	-86.933609	56273.73	56237	13.03	56286.76	56290.09375	56299.18278	56304.30469	504871.0	5410312.7
L4870.0	0.0	0.0	43016.30078	402.86	0	48.845766	-86.933609	56272.98	56237	13.03	56286.01	56289.32031	56295.45673	56300.57031	504871.0	5410312.7
L4870.0	0.0	0.0	43016.39844	403.07	0	48.845753	-86.933609	56272.81	56237	13.03	56285.85	56289.13281	56306.12180	56311.23047	504871.0	5410311.3
L4870.0	0.0	0.0	43016.50000	376.97	0	48.845742	-86.933608	56271.13	56237	13.04	56284.16	56287.41797	56279.52763	56284.62500	504871.0	5410310.0
L4870.0	0.0	0.0	43016.60156	380.08	0	48.845732	-86.933608	56271.13	56237	13.04	56284.16	56287.39453	56294.12568	56299.21484	504871.0	5410308.9
L4870.0	0.0	0.0	43016.69922	384.70	0	48.845717	-86.933608	56270.40	56237	13.04	56283.44	56286.64844	56291.20023	56296.28516	504871.0	5410307.3
L4870.0	0.0	0.0	43016.80078	390.48	0	48.845717	-86.933608	56270.11	56237	13.04	56283.14	56286.32813	56298.52648	56303.60547	504871.0	5410307.3
L4870.0	0.0	0.0	43016.89844	393.54	0	48.845703	-86.933608	56270.02	56237	13.04	56283.06	56286.22656	56311.23240	56316.30859	504871.1	5410305.7
L4870.0	0.0	0.0	43017.00000	398.96	0	48.845689	-86.933608	56268.90	56237	13.04	56281.94	56285.08203	56298.62056	56303.69141	504871.1	5410304.1
L4870.0	0.0	0.0	43017.10156	409.67	0	48.845689	-86.933608	56268.44	56237	13.04	56281.48	56284.60156	56302.10992	56307.17188	504871.1	5410304.1
L4870.0	0.0	0.0	43017.19922	415.45	0	48.845673	-86.933607	56267.07	56237	13.04	56280.11	56283.21094	56283.45042	56288.51172	504871.1	5410302.4
L4870.0	0.0	0.0	43017.30078	417.79	0	48.845659	-86.933607	56267.04	56237	13.04	56280.08	56283.16406	56297.46110	56302.51953	504871.1	5410300.8
L4870.0	0.0	0.0	43017.39844	422.08	0	48.845659	-86.933607	56266.12	56237	13.04	56279.16	56282.22266	56289.81198	56294.86719	504871.1	5410300.8
L4870.0	0.0	0.0	43017.50000	427.58	0	48.845645	-86.933607	56265.99	56237	13.04	56279.03	56282.07422	56301.43493	56306.48828	504871.2	5410299.2
L4870.0	0.0	0.0	43017.60156	432.00	0	48.845632	-86.933607	56265.05	56237	13.04	56278.09	56281.11328	56293.34915	56298.39453	504871.2	5410297.7
L4870.0	0.0	0.0	43017.69922	433.14	0	48.845632	-86.933607	56264.66	56237	13.04	56277.70	56280.70703	56298.69024	56303.73438	504871.2	5410297.7
L4870.0	0.0	0.0	43017.80078	434.49	0	48.845620	-86.933607	56263.68	56237	13.04	56276.72	56279.70703	56289.68477	56294.73047	504871.2	5410296.4
L4870.0	0.0	0.0	43017.89844	435.25	0	48.845605	-86.933607	56262.98	56237	13.04	56276.02	56278.99219	56287.53024	56292.57422	504871.2	5410294.8
L4870.0	0.0	0.0	43017.89844	435.25	0	48.845593	-86.933606	56262.65	56237	13.04	56275.69	56278.64453	56294.42058	56299.46094	504871.2	5410293.4
L4870.0	0.0	0.0	43018.10156	432.46	0	48.845581	-86.933606	56261.93	56237	13.04	56274.96	56277.89453	56291.59704	56296.63281	504871.2	5410292.1
L4870.0	0.0	0.0	43018.19922	433.96	0	48.845581	-86.933606	56261.53	56237	13.04	56274.57	56277.48828	56297.08998	56302.12109	504871.2	5410292.1
L4870.0	0.0	0.0	43018.30078	433.86	0	48.845563	-86.933606	56260.40	56237	13.04	56273.44	56276.34375	56284.58803	56289.62109	504871.2	5410290.2
L4870.0	0.0	0.0	43018.39844	435.72	0	48.845552	-86.933606	56260.10	56237	13.04	56273.13	56276.01563	56292.09983	56297.12891	504871.2	5410288.9
L4870.0	0.0	0.0	43018.50000	433.61	0	48.845552	-86.933606	56259.18	56237	13.04	56272.22	56275.08984	56285.03045	56290.05469	504871.2	5410288.9
L4870.0	0.0	0.0	43018.60156	432.64	0	48.845536	-86.933606	56258.96	56237	13.03	56272.00	56274.85156	56294.81043	56299.83203	504871.2	5410287.1
L4870.0	0.0	0.0	43018.69922	432.78	0	48.845536	-86.933606	56257.85	56237	13.03	56270.88	56273.71484	56282.70313	56287.71875	504871.2	5410287.1
L4870.0	0.0	0.0	43018.80078	430.96	0	48.845526	-86.933606	56257.21	56237	13.03	56270.25	56273.06641	56282.57553	56287.58984	504871.2	5410286.0
L4870.0	0.0	0.0	43018.89844	427.84	0	48.845512	-86.933605	56256.58	56237	13.03	56269.61	56272.41016	56282.24743	56287.25781	504871.3	5410284.5
L4870.0	0.0	0.0	43019.00000	425.92	0	48.845501	-86.933605	56255.71	56237	13.03	56268.74	56271.52344	56276.36045	56281.36328	504871.3	5410283.2
L4870.0	0.0	0.0	43019.10156	425.90	0	48.845501	-86.933605	56255.17	56237	13.03	56268.20	56270.96484	56278.55992	56283.55859	504871.3	5410283.2
L4870.0	0.0	0.0	43019.19922	425.07	0	48.845485	-86.933605	56254.51	56237	13.04	56267.54	56270.28906	56277.88390	56282.87500	504871.3	5410281.4
L4870.0	0.0	0.0	43019.30078	425.60	0	48.845473	-86.933605	56254.82	56237	13.04	56267.85	56270.58203	56300.89051	56305.87891	504871.3	5410280.1
L4870.0	0.0	0.0	43019.39844	423.84	0	48.845462	-86.933604	56253.57	56237	13.04	56266.61	56269.32031	56286.18519	56291.16797	504871.4	5410278.9
L4870.0	0.0	0.0	43019.50000	413.07	0	48.845462	-86.933604	56253.05	56237	13.04	56266.09	56268.78125	56289.07520	56294.04688	504871.4	5410278.9
L4870.0	0.0	0.0	43019.60156	411.25	0	48.845444	-86.933604	56251.88	56237	13.05	56264.93	56267.60547	56276.42785	56281.39063	504871.4	5410276.9
L4870.0	0.0	0.0	43019.69922	411.96	0	48.845431	-86.933604	56251.29	56236.9	13.05	56264.34	56266.99219	56277.72503	56282.67969	504871.4	5410275.4
L4870.0	0.0	0.0	43019.80078	404.17	0	48.845431	-86.933604	56250.30	56236.9	13.05	56263.35	56265.98438	56269.33591	56274.28125	504871.4	5410275.4
L4870.0	0.0	0.0	43019.89844	393.07	0	48.845418	-86.933604	56249.71	56236.9	13.06	56262.76	56265.37500	56270.75335	56275.68750	504871.4	5410274.0
L4870.0	0.0	0.0	43019.89844	393.07	0	48.845402	-86.933604	56248.84	56236.9	13.06	56261.90	56264.49219	56265.65567	56270.57813	504871.4	5410272.2
L4870.0	0.0	0.0	43020.10156	373.60	0	48.845391	-86.933603	56248.16	56236.9	13.06	56261.22	56263.78906	56265.00851	56269.91797	504871.4	5410270.9
L4870.0	0.0	0.0	43020.19922	380.89	0	48.845391	-86.933603	56247.59	56236.9	13.06	56260.65	56263.19531	56267.10840	56272.00391	504871.4	5410270.9
L4870.0	0.0	0.0	43020.30078	381.35	0	48.845378	-86.933603	56247.00	56236.9	13.06	56260.06	56262.58203	56268.79011	56273.67578	504871.4	5410269.6
L4870.0	0.0	0.0	43020.39844	387.51	0	48.845378	-86.933603	56246.88	56236.9	13.06	56259.94	56262.43750	56281.99386	56286.86328	504871.4	5410269.6
L4870.0	0.0	0.0	43020.50000	393.41	0	48.845361	-86.933603	56245.93	56236.9	13.06	56258.99	56261.46484	56275.04898	56279.90234	504871.4	5410267.7
L4870.0	0.0	0.0	43020.60156	399.41	0	48.845350	-86.933603	56245.83	56236.9	13.05	56258.89	56261.33594	56288.88845	56293.72266	504871.5	5410266.4
L4870.0	0.0	0.0	43020.69922	404.12	0	48.845337	-86.933603	56244.32	56236.9	13.05	56257.37	56259.78906	56268.20891	56273.02734	504871.5	5410265.0
L4870.0	0.0	0.0	43020.80078	409.53	0	48.845337	-86.933603	56244.04	56236.9	13.05	56257.09	56259.48438	56277.81969	56282.62109	504871.5	5410265.0
L4870.0	0.0	0.0	43020.89844	413.67	0	48.845325	-86.933602	56243.57	56236.9	13.05	56256.62	56258.98438	56282.88289	56287.66406	504871.5	5410263.7
L4870.0	0.0	0.0	43021.00000	419.27	0	48.845309	-86.933602	56243.00	56236.9	13.05	56256.05	56258.38281	56285.59335	56290.35156	504871.5	5410261.9
L4870.0	0.0	0.0	43021.10156	421.26	0	48.845309	-86.933602	56241.87	56236.9	13.05	56254.92	56257.22266	56274.74587	56279.48047	504871.5	5410261.9
L4870.0	0.0	0.0	43021.19922	422.97	0	48.845298	-86.933602	56240.98	56236.9	13.05	56254.04	56256.30859	56270.07709	56274.78906	504871.6	5410260.6
L4870.0	0.0	0.0	43021.30078	424.77	0	48.845287	-86.933601	56240.34	56236.9	13.05	56253.40	56255.63672	56271.34547	56276.03516	504871.6	5410259.4
L4870.0	0.0	0.0	43021.39844	427.78	0	48.845274	-86.933601	56239.14	56236.9	13.05	56252.20	56254.40234	56259.06217	56263.72656	504871.6	5410258.0
L4870.0	0.0	0.0	43021.50000	431.84	0	48.845274	-86.933601	56238.54	56236.9	13.06	56251.59	56253.75781	56261.24745	56265.88281	504871.6	5410258.0
L4870.0	0.0	0.0	43021.60156	433.01	0	48.845263	-86.933601	56237.56	56236.9	13.06	56250.61	56252.73828	56254.51427	56259.12109	504871.6	5410256.7
L4870.0	0.0	0.0	43021.69922	434.04	0	48.845247	-86.933600	56237.69	56236.9	13.06	56250.75	56252.83984	56275.16648	56279.74219	504871.7	5410254.9
L4870.0	0.0	0.0	43021.80078	432.39	0	48.845247	-86.933600	56236.62	56236.9	13.06	56249.68	56251.73047	56266.43886	56270.98828	504871.7	5410254.9
L4870.0	0.0	0.0	43021.89844	432.25	0	48.845229	-86.933600	56236.11	56236.9	13.06	56249.17	56251.17969	56271.45704	56275.97266	504871.7	5410253.0
L4870.0	0.0	0.0	43021.89844	432.25	0	48.845220	-86.933600	56235.04	56236.9	13.06	56248.09	56250.05859	56262.69211	56267.17578	504871.7	5410252.0
L4870.0	0.0	0.0	43022.10156	427.33	0	48.845208	-86.933600	56234.27	56236.9	13.06	56247.33	56249.25391	56261.82965	56266.27734	504871.7	5410250.6
L4870.0	0.0	0.0	43022.19922	425.88	0	48.845208	-86.933600	56233.14	56236.9	13.06	56246.21	56248.08984	56252.30435	56256.71484	504871.7	5410250.6
L4870.0	0.0	0.0	43022.30078	421.63	0	48.845190	-86.933599	56232.14	56236.9	13.07	56245.20	56247.03125	56245.56902	56249.94141	504871.8	5410248.6
L4870.0	0.0	0.0	43022.39844	415.19	0	48.845180	-86.933599	56232.02	56236.9	13.07	56245.09	56246.87109	56260.87280	56265.20703	504871.8	5410247.5
L4870.0	0.0	0.0	43022.50000	410.99	0	48.845169	-86.933599	56231.62	56236.9	13.07	56244.69	56246.42188	56269.22484	56273.51953	504871.8	5410246.3
L4870.0	0.0	0.0	43022.60156	414.04	0	48.845169	-86.933599	56231.41	56236.9	13.07	56244.49	56246.16797	56282.56513	56286.81641	504871.8	5410246.3
L4870.0	0.0	0.0	43022.69922	413.89	0	48.845153	-86.933599	56229.93	56236.9	13.07	56243.00	56244.62500	56264.59364	56268.80078	504871.8	5410244.5
L4870.0	0.0	0.0	43022.80078	387.18	0	48.845153	-86.933599	56228.93	56236.9	13.08	56242.01	56243.58203	56258.92304	56263.08594	504871.8	5410244.5
L4870.0	0.0	0.0	43022.89844	384.37	0	48.845134	-86.933599	56227.69	56236.9	13.08	56240.77	56242.28516	56247.28229	56251.39844	504871.8	5410242.4
L4870.0	0.0	0.0	43023.00000	383.20	0	48.845134	-86.933599	56226.99	56236.9	13.08	56240.07	56241.52344	56248.92036	56252.98828	504871.8	5410242.4
L4870.0	0.0	0.0	43023.10156	384.01	0	48.845122	-86.933599	56226.39	56236.9	13.08	56239.47	56240.86328	56253.11886	56257.13281	504871.8	5410241.1
L4870.0	0.0	0.0	43023.19922	389.63	0	48.845111	-86.933599	56225.58	56236.9	13.08	56238.66	56239.99219	56252.32668	56256.28906	504871.8	5410239.8
L4870.0	0.0	0.0	43023.30078	390.90	0	48.845099	-86.933599	56224.81	56236.9	13.08	56237.88	56239.14453	56252.39262	56256.30469	504871.8	5410238.6
L4870.0	0.0	0.0	43023.39844	393.00	0	48.845099	-86.933599	56223.81	56236.9	13.08	56236.88	56238.07813	56247.22730	56251.08203	504871.8	5410238.6
L4870.0	0.0	0.0	43023.50000	387.21	0	48.845083	-86.933599	56223.23	56236.9	13.07	56236.30	56237.42969	56252.42490	56256.22266	504871.8	5410236.7
L4870.0	0.0	0.0	43023.60156	394.11	0	48.845072	-86.933599	56222.68	56236.9	13.07	56235.75	56236.81250	56258.48502	56262.22266	504871.8	5410235.6
L4870.0	0.0	0.0	43023.69922	404.24	0	48.845058	-86.933599	56222.23	56236.9	13.07	56235.30	56236.28906	56267.11449	56270.78906	504871.8	5410234.0
L4870.0	0.0	0.0	43023.80078	410.09	0	48.845058	-86.933599	56221.26	56236.9	13.07	56234.33	56235.24609	56263.20919	56266.82422	504871.8	5410234.0
L4870.0	0.0	0.0	43023.89844	412.70	0	48.845046	-86.933600	56220.08	56236.9	13.07	56233.15	56233.98828	56254.32313	56257.87500	504871.7	5410232.7
L4870.0	0.0	0.0	43023.89844	412.70	0	48.845035	-86.933600	56219.23	56236.9	13.07	56232.30	56233.05859	56253.61390	56257.09766	504871.7	5410231.4
L4870.0	0.0	0.0	43024.10156	419.61	0	48.845035	-86.933600	56218.53	56236.9	13.07	56231.60	56232.28125	56256.69723	56260.11328	504871.7	5410231.4
L4870.0	0.0	0.0	43024.19922	423.24	0	48.845021	-86.933600	56217.50	56236.9	13.07	56230.57	56231.16797	56251.87973	56255.22266	504871.7	5410229.9
L4870.0	0.0	0.0	43024.30078	427.40	0	48.845007	-86.933600	56216.43	56236.9	13.06	56229.50	56230.01172	56246.22795	56249.50000	504871.7	5410228.3

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4870.0	0.0	0.0	43024.39844	431.60	0	48.845007	-86.933600	56215.58	56236.9	13.06	56228.64	56229.06641	56245.83383	56249.03516	504871.7	5410228.3
L4870.0	0.0	0.0	43024.50000	430.02	0	48.844996	-86.933600	56214.64	56236.9	13.06	56227.70	56228.03516	56243.63294	56246.75781	504871.7	5410227.1
L4870.0	0.0	0.0	43024.60156	427.73	0	48.844985	-86.933600	56213.75	56236.9	13.06	56226.81	56227.05469	56242.79350	56245.83594	504871.7	5410225.8
L4870.0	0.0	0.0	43024.69922	432.33	0	48.844974	-86.933601	56213.03	56236.9	13.06	56226.09	56226.24219	56246.24005	56249.20313	504871.7	5410224.7
L4870.0	0.0	0.0	43024.80078	432.66	0	48.844963	-86.933601	56212.28	56236.9	13.05	56225.33	56225.38672	56248.85710	56251.73828	504871.7	5410223.4
L4870.0	0.0	0.0	43024.89844	431.86	0	48.844963	-86.933601	56211.33	56236.9	13.05	56224.38	56224.33984	56246.99093	56249.78906	504871.7	5410223.4
L4870.0	0.0	0.0	43025.00000	430.41	0	48.844946	-86.933601	56210.50	56236.9	13.05	56223.55	56223.41016	56248.19504	56250.90625	504871.6	5410221.6
L4870.0	0.0	0.0	43025.10156	429.98	0	48.844946	-86.933601	56209.75	56237	13.05	56222.80	56222.55859	56251.49560	56254.11719	504871.6	5410221.6
L4870.0	0.0	0.0	43025.19922	429.17	0	48.844931	-86.933601	56208.75	56237	13.05	56221.79	56221.44531	56248.60969	56251.14063	504871.6	5410219.9
L4870.0	0.0	0.0	43025.30078	429.03	0	48.844923	-86.933601	56208.05	56237	13.05	56221.10	56220.64844	56253.66885	56256.10938	504871.6	5410219.0
L4870.0	0.0	0.0	43025.39844	429.42	0	48.844910	-86.933602	56206.69	56237	13.05	56219.74	56219.17969	56242.55370	56244.89844	504871.6	5410217.5
L4870.0	0.0	0.0	43025.50000	431.21	0	48.844910	-86.933602	56205.79	56237	13.05	56218.83	56218.15625	56242.55205	56244.79688	504871.6	5410217.5
L4870.0	0.0	0.0	43025.60156	429.52	0	48.844894	-86.933602	56204.72	56237	13.04	56217.76	56216.97656	56238.80263	56240.94922	504871.6	5410215.7
L4870.0	0.0	0.0	43025.69922	425.77	0	48.844885	-86.933602	56204.02	56237	13.04	56217.07	56216.16797	56244.46228	56246.50391	504871.6	5410214.7
L4870.0	0.0	0.0	43025.80078	425.24	0	48.844871	-86.933602	56203.16	56237	13.04	56216.20	56215.17969	56245.88782	56247.82813	504871.5	5410213.2
L4870.0	0.0	0.0	43025.89844	427.47	0	48.844871	-86.933602	56202.17	56237	13.04	56215.21	56214.07031	56244.54146	56246.37500	504871.5	5410213.2
L4870.0	0.0	0.0	43025.89844	427.47	0	48.844853	-86.933603	56201.34	56237	13.04	56214.38	56213.11719	56247.24541	56248.96875	504871.5	5410211.2
L4870.0	0.0	0.0	43026.10156	428.24	0	48.844840	-86.933603	56200.40	56237	13.04	56213.44	56212.05469	56247.42181	56249.03516	504871.5	5410209.7
L4870.0	0.0	0.0	43026.19922	423.89	0	48.844840	-86.933603	56199.41	56237	13.04	56212.45	56210.93750	56246.53279	56248.03125	504871.5	5410209.7
L4870.0	0.0	0.0	43026.30078	420.05	0	48.844827	-86.933603	56197.85	56237	13.04	56210.89	56209.25000	56231.90953	56233.29297	504871.5	5410208.3
L4870.0	0.0	0.0	43026.39844	422.91	0	48.844817	-86.933603	56196.98	56237	13.04	56210.02	56208.24609	56234.25042	56235.51563	504871.5	5410207.2
L4870.0	0.0	0.0	43026.50000	423.50	0	48.844803	-86.933603	56195.89	56237	13.04	56208.94	56207.03516	56231.62841	56232.77344	504871.5	5410205.7
L4870.0	0.0	0.0	43026.60156	419.33	0	48.844803	-86.933603	56195.27	56237	13.05	56208.32	56206.27734	56240.36729	56241.38672	504871.5	5410205.7
L4870.0	0.0	0.0	43026.69922	414.92	0	48.844787	-86.933604	56193.97	56237	13.05	56207.02	56204.83984	56232.69267	56233.58594	504871.5	5410203.9
L4870.0	0.0	0.0	43026.80078	410.45	0	48.844787	-86.933604	56193.05	56237	13.05	56206.10	56203.77734	56234.43008	56235.19531	504871.5	5410203.9
L4870.0	0.0	0.0	43026.89844	408.19	0	48.844774	-86.933604	56191.50	56237	13.05	56204.55	56202.08594	56220.97235	56221.60547	504871.5	5410202.4
L4870.0	0.0	0.0	43027.00000	410.18	0	48.844758	-86.933604	56190.58	56236.9	13.05	56203.63	56201.01953	56223.01768	56223.51953	504871.4	5410200.6
L4870.0	0.0	0.0	43027.10156	402.05	0	48.844758	-86.933604	56189.73	56236.9	13.05	56202.78	56200.02344	56226.92244	56227.28516	504871.4	5410200.6
L4870.0	0.0	0.0	43027.19922	381.02	0	48.844744	-86.933604	56188.46	56236.9	13.05	56201.51	56198.60547	56220.74845	56220.97266	504871.4	5410199.0
L4870.0	0.0	0.0	43027.30078	382.26	0	48.844734	-86.933605	56187.44	56236.9	13.05	56200.49	56197.43359	56220.81929	56220.90234	504871.4	5410197.9
L4870.0	0.0	0.0	43027.39844	406.80	0	48.844721	-86.933605	56185.86	56236.9	13.05	56198.91	56195.69922	56207.40033	56207.33984	504871.4	5410196.5
L4870.0	0.0	0.0	43027.50000	410.04	0	48.844721	-86.933605	56185.30	56236.9	13.05	56198.35	56194.98438	56218.98600	56218.78125	504871.4	5410196.5
L4870.0	0.0	0.0	43027.60156	412.26	0	48.844707	-86.933605	56183.61	56236.9	13.05	56196.66	56193.13672	56203.19435	56202.83594	504871.4	5410195.0
L4870.0	0.0	0.0	43027.69922	412.11	0	48.844707	-86.933605	56182.70	56236.9	13.05	56195.75	56192.06641	56206.55974	56206.05078	504871.4	5410195.0
L4870.0	0.0	0.0	43027.80078	409.40	0	48.844692	-86.933605	56181.50	56236.9	13.05	56194.55	56190.70313	56203.01289	56202.34766	504871.4	5410193.3
L4870.0	0.0	0.0	43027.89844	408.92	0	48.844683	-86.933605	56180.39	56236.9	13.05	56193.45	56189.43750	56202.05538	56201.23438	504871.4	5410192.3
L4870.0	0.0	0.0	43027.89844	408.92	0	48.844669	-86.933605	56178.68	56236.9	13.05	56191.73	56187.55469	56186.14511	56185.16406	504871.4	5410190.7
L4870.0	0.0	0.0	43028.10156	407.25	0	48.844655	-86.933605	56177.69	56236.9	13.05	56190.74	56186.39453	56188.17270	56187.02734	504871.4	5410189.2
L4870.0	0.0	0.0	43028.19922	409.98	0	48.844655	-86.933605	56177.26	56236.9	13.05	56190.31	56185.79297	56203.99598	56202.68359	504871.4	5410189.2
L4870.0	0.0	0.0	43028.30078	411.99	0	48.844643	-86.933605	56176.16	56236.9	13.05	56189.21	56184.51953	56203.64732	56202.16797	504871.3	5410187.8
L4870.0	0.0	0.0	43028.39844	411.29	0	48.844625	-86.933606	56175.14	56236.9	13.05	56188.19	56183.32813	56205.39904	56203.74609	504871.3	5410185.9
L4870.0	0.0	0.0	43028.50000	412.29	0	48.844625	-86.933606	56173.23	56236.9	13.05	56186.28	56181.23828	56185.61797	56183.79297	504871.3	5410185.9
L4870.0	0.0	0.0	43028.60156	412.00	0	48.844612	-86.933606	56172.43	56236.9	13.05	56185.48	56180.26172	56193.03089	56191.02344	504871.3	5410184.4
L4870.0	0.0	0.0	43028.69922	409.50	0	48.844598	-86.933606	56170.68	56236.9	13.05	56183.73	56178.33203	56177.44819	56175.26172	504871.3	5410182.8
L4870.0	0.0	0.0	43028.80078	410.20	0	48.844598	-86.933606	56169.68	56236.9	13.05	56182.73	56177.14844	56180.28748	56177.91797	504871.3	5410182.8
L4870.0	0.0	0.0	43028.89844	409.84	0	48.844571	-86.933606	56168.61	56236.9	13.05	56181.66	56175.89453	56181.56997	56179.01172	504871.3	5410179.8
L4870.0	0.0	0.0	43029.00000	410.27	0	48.844571	-86.933606	56167.64	56236.9	13.05	56180.69	56174.73828	56185.43684	56182.69141	504871.3	5410179.8
L4870.0	0.0	0.0	43029.10156	408.17	0	48.844559	-86.933606	56166.33	56236.9	13.05	56179.38	56173.24219	56181.16738	56178.22656	504871.3	5410178.5
L4870.0	0.0	0.0	43029.19922	408.41	0	48.844559	-86.933606	56164.86	56236.9	13.05	56177.91	56171.58203	56173.14631	56170.00781	504871.3	5410178.5
L4870.0	0.0	0.0	43029.30078	410.55	0	48.844545	-86.933605	56163.86	56236.9	13.05	56176.91	56170.39063	56176.72190	56173.38672	504871.4	5410176.9
L4870.0	0.0	0.0	43029.39844	411.10	0	48.844533	-86.933605	56162.31	56236.9	13.05	56175.36	56168.64453	56167.04242	56163.50391	504871.4	5410175.6
L4870.0	0.0	0.0	43029.50000	410.01	0	48.844533	-86.933605	56161.92	56236.9	13.05	56174.97	56168.06250	56185.76876	56182.02734	504871.4	5410175.6
L4870.0	0.0	0.0	43029.60156	426.72	0	48.844518	-86.933605	56160.92	56236.9	13.05	56173.97	56166.86719	56189.77635	56185.82422	504871.4	5410174.0
L4870.0	0.0	0.0	43029.69922	421.57	0	48.844508	-86.933604	56160.21	56236.9	13.05	56173.26	56165.95703	56200.99143	56196.82813	504871.4	5410172.8
L4870.0	0.0	0.0	43029.80078	422.18	0	48.844494	-86.933604	56158.57	56236.9	13.05	56171.62	56164.11719	56189.68931	56185.30859	504871.5	5410171.3
L4870.0	0.0	0.0	43029.89844	413.17	0	48.844494	-86.933604	56157.22	56236.9	13.05	56170.27	56162.56641	56185.59247	56180.99609	504871.5	5410171.3
L4870.0	0.0	0.0	43029.89844	413.17	0	48.844482	-86.933604	56155.88	56236.9	13.05	56168.93	56161.02344	56181.87789	56177.05859	504871.5	5410170.0
L4870.0	0.0	0.0	43030.10156	397.60	0	48.844470	-86.933603	56154.16	56237	13.05	56167.21	56159.09766	56169.04250	56163.99609	504871.5	5410168.6
L4870.0	0.0	0.0	43030.19922	397.95	0	48.844470	-86.933603	56153.00	56237	13.05	56166.05	56157.73438	56169.98676	56164.71094	504871.5	5410168.6
L4870.0	0.0	0.0	43030.30078	401.07	0	48.844454	-86.933603	56151.40	56237	13.05	56164.45	56155.92578	56160.34564	56154.83984	504871.5	5410166.8
L4870.0	0.0	0.0	43030.39844	406.51	0	48.844442	-86.933603	56150.49	56237	13.05	56163.53	56154.79688	56167.40494	56161.66406	504871.6	5410165.5
L4870.0	0.0	0.0	43030.50000	410.75	0	48.844442	-86.933603	56149.16	56237	13.04	56162.21	56153.26563	56164.85036	56158.87109	504871.6	5410165.5
L4870.0	0.0	0.0	43030.60156	416.57	0	48.844430	-86.933602	56148.22	56237	13.04	56161.26	56152.10547	56171.44028	56165.21875	504871.6	5410164.2
L4870.0	0.0	0.0	43030.69922	418.49	0	48.844414	-86.933602	56146.50	56237	13.04	56159.54	56150.17188	56159.39846	56152.92969	504871.6	5410162.4
L4870.0	0.0	0.0	43030.80078	421.37	0	48.844402	-86.933602	56145.64	56237	13.04	56158.68	56149.09766	56168.43580	56161.71484	504871.6	5410161.1
L4870.0	0.0	0.0	43030.89844	423.49	0	48.844402	-86.933602	56144.39	56237	13.04	56157.44	56147.64453	56168.33955	56161.36719	504871.6	5410161.1
L4870.0	0.0	0.0	43031.00000	426.43	0	48.844390	-86.933602	56143.26	56237	13.04	56156.30	56146.28906	56170.80228	56163.57422	504871.7	5410159.7
L4870.0	0.0	0.0	43031.10156	425.70	0	48.844378	-86.933601	56141.89	56237	13.04	56154.93	56144.69922	56167.78194	56160.29297	504871.7	5410158.4
L4870.0	0.0	0.0	43031.19922	428.22	0	48.844378	-86.933601	56140.13	56237	13.04	56153.17	56142.72266	56155.37824	56147.62500	504871.7	5410158.4
L4870.0	0.0	0.0	43031.30078	427.88	0	48.844366	-86.933601	56138.99	56237	13.04	56152.03	56141.36328	56158.19619	56150.17578	504871.7	5410157.1
L4870.0	0.0	0.0	43031.39844	429.03	0	48.844352	-86.933601	56137.49	56237	13.04	56150.54	56139.65234	56152.60078	56144.30859	504871.7	5410155.5
L4870.0	0.0	0.0	43031.50000	429.35	0	48.844341	-86.933601	56136.66	56237	13.04	56149.71	56138.60156	56163.19685	56154.62891	504871.7	5410154.2
L4870.0	0.0	0.0	43031.60156	429.77	0	48.844341	-86.933601	56134.61	56237	13.05	56147.66	56136.32813	56144.17827	56135.33203	504871.7	5410154.2
L4870.0	0.0	0.0	43031.69922	431.27	0	48.844341	-86.933601	56133.88	56237	13.05	56146.92	56135.36328	56157.18243	56148.05469	504871.7	5410154.2
L4870.0	0.0	0.0	43031.80078	429.94	0	48.844313	-86.933601	56132.56	56237	13.05	56145.61	56133.82813	56156.40301	56146.98438	504871.7	5410151.1
L4870.0	0.0	0.0	43031.89844	429.15	0	48.844313	-86.933601	56131.40	56237	13.05	56144.45	56132.44531	56159.37902	56149.67188	504871.7	5410151.1
L4870.0	0.0	0.0	43031.89844	429.15	0	48.844299	-86.933601	56129.44	56237	13.05	56142.49	56130.25781	56142.96211	56132.96094	504871.7	5410149.6
L4870.0	0.0	0.0	43032.10156	427.52	0	48.844285	-86.933601	56128.21	56237	13.05	56141.26	56128.80078	56144.42565	56134.12500	504871.7	5410148.1
L4870.0	0.0	0.0	43032.19922	429.18	0	48.844275	-86.933601	56126.82	56237	13.05	56139.87	56127.18359	56142.08291	56131.48047	504871.7	5410146.9
L4870.0	0.0	0.0	43032.30078	429.92	0	48.844275	-86.933601	56125.04	56237	13.05	56138.09	56125.17578	56130.32704	56119.41797	504871.7	5410146.9
L4870.0	0.0	0.0	43032.39844	429.43	0	48.844261	-86.933601	56123.89	56237	13.05	56136.93	56123.78906	56133.76202	56122.54297	504871.7	5410145.4
L4870.0	0.0	0.0	43032.50000	428.67	0	48.844243	-86.933601	56121.93	56237	13.04	56134.98	56121.60938	56118.03172	56106.49609	504871.7	5410143.4
L4870.0	0.0	0.0	43032.60156	426.73	0	48.844243	-86.933601	56121.48	56237	13.04	56134.53	56120.92969	56138.92535	56127.07422	504871.7	5410143.4
L4870.0	0.0	0.0	43032.69922	425.01	0	48.844231	-86.933600	56119.73	56237	13.04	56132.78	56118.94922	56128.22113	56116.04297	504871.8	5410142.0
L4870.0	0.0	0.0	43032.80078	423.07	0	48.844218	-86.933600	56118.74	56237	13.04	56131.78	56117.71875	56135.86078	56123.35547	504871.8	5410140.6
L4870.0	0.0	0.0	43032.89844	420.79	0	48.844218	-86.933600	56116.28	56237	13.04	56129.32	56115.02734	56107.99689	56095.16016	504871.8	5410140.6
L4870.0	0.0	0.0	43033.00000	417.75	0	48.844203	-86.933600	56115.20	56237	13.04	56128.24	56113.71484	56113.81822	56100.64844	504871.8	5410139.0
L4870.0	0.0	0.0	43033.10156	416.08	0	48.844190	-86.933600	56113.65	56237	13.04	56126.69	56111.93359	56108.24804	56094.73828	504871.8	5410137.5
L4870.0	0.0	0.0	43033.19922	412.74	0	48.844174	-86.933600	56112.37	56237	13.04	56125.40	56110.41406	56109.06769	56095.21094	504871.8	5410135.7
L4870.0	0.0	0.0	43033.30078	410.25	0	48.844174	-86.933600	56110.56	56237	13.04	56123.60	56108.37891	56097.51294	56083.30859	504871.8	5410135.7
L4870.0	0.0	0.0	43033.39844	406.15	0	48.844162	-86.933599	56108.91	56237	13.04	56121.95	56106.49609	56089.65946	56075.10156	504871.9	5410134.4
L4870.0	0.0	0.0	43033.50000	405.39	0	48.844148	-86.933599	56107.72	56237	13.04	56120.75	56105.06641	56092.81193	56077.89844	504871.9	5410132.9
L4870.0	0.0	0.0	43033.60156	398.62	0	48.844136	-86.933599	56105.92	56237	13.03	56118.96	56103.04297	56081.62764	56066.35547	504871.9	5410131.5

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4870.0	0.0	0.0	43033.69922	389.38	0	48.844136	-86.933599	56105.88	56237	13.03	56118.91	56102.76172	56112.86924	56097.23047	504871.9	5410131.5
L4870.0	0.0	0.0	43033.80078	385.00	0	48.844122	-86.933598	56104.68	56237	13.03	56117.72	56101.33594	56116.36476	56100.35547	504871.9	5410129.9
L4870.0	0.0	0.0	43033.89844	385.96	0	48.844109	-86.933598	56103.73	56237	13.03	56116.76	56100.14453	56125.48756	56109.10156	504871.9	5410128.5
L4870.0	0.0	0.0	43033.89844	385.96	0	48.844109	-86.933598	56101.27	56237	13.03	56114.30	56097.45313	56098.08367	56081.32031	504871.9	5410128.5
L4870.0	0.0	0.0	43034.10156	396.63	0	48.844097	-86.933598	56099.57	56237	13.03	56112.60	56095.51953	56089.20990	56072.06641	504872.0	5410127.1
L4870.0	0.0	0.0	43034.19922	394.01	0	48.844086	-86.933597	56097.96	56237	13.03	56110.99	56093.67969	56082.53754	56065.00391	504872.0	5410126.0
L4870.0	0.0	0.0	43034.30078	399.08	0	48.844077	-86.933597	56096.69	56237	13.03	56109.72	56092.17578	56084.15232	56066.22656	504872.0	5410124.9
L4870.0	0.0	0.0	43034.39844	413.88	0	48.844077	-86.933597	56095.68	56237	13.03	56108.71	56090.93359	56092.09991	56073.77734	504872.0	5410124.9
L4870.0	0.0	0.0	43034.50000	419.40	0	48.844065	-86.933596	56094.04	56237	13.03	56107.07	56089.06250	56084.69134	56065.96875	504872.1	5410123.6
L4870.0	0.0	0.0	43034.60156	422.64	0	48.844053	-86.933596	56093.13	56237	13.03	56106.15	56087.91406	56094.81208	56075.68750	504872.1	5410122.3
L4870.0	0.0	0.0	43034.69922	424.30	0	48.844053	-86.933596	56091.02	56237	13.03	56104.05	56085.58203	56076.16576	56056.63281	504872.1	5410122.3
L4870.0	0.0	0.0	43034.80078	426.07	0	48.844035	-86.933595	56090.17	56237	13.03	56103.20	56084.50391	56087.95041	56068.00391	504872.2	5410120.2
L4870.0	0.0	0.0	43034.89844	428.01	0	48.844025	-86.933595	56088.17	56237	13.03	56101.20	56082.27344	56071.68767	56051.32422	504872.2	5410119.2
L4870.0	0.0	0.0	43035.00000	430.30	0	48.844025	-86.933595	56087.29	56237	13.03	56100.32	56081.16406	56082.67727	56061.89063	504872.2	5410119.2
L4870.0	0.0	0.0	43035.10156	432.41	0	48.844011	-86.933594	56085.28	56237	13.03	56098.31	56078.92578	56066.09525	56044.88672	504872.2	5410117.6
L4870.0	0.0	0.0	43035.19922	432.77	0	48.843999	-86.933594	56084.04	56237	13.03	56097.06	56077.44922	56067.98301	56046.34375	504872.3	5410116.3
L4870.0	0.0	0.0	43035.30078	431.25	0	48.843987	-86.933593	56082.58	56237	13.02	56095.61	56075.77344	56064.94555	56042.87109	504872.3	5410114.9
L4870.0	0.0	0.0	43035.39844	430.25	0	48.843987	-86.933593	56081.03	56237	13.02	56094.05	56073.98828	56059.16960	56036.65625	504872.3	5410114.9
L4870.0	0.0	0.0	43035.50000	428.21	0	48.843971	-86.933593	56080.07	56237	13.02	56093.09	56072.80078	56067.94730	56044.99219	504872.3	5410113.1
L4870.0	0.0	0.0	43035.60156	425.00	0	48.843961	-86.933593	56078.08	56237	13.02	56091.10	56070.58984	56051.55985	56028.16016	504872.3	5410112.0
L4870.0	0.0	0.0	43035.69922	422.75	0	48.843961	-86.933593	56077.14	56237	13.02	56090.16	56069.42578	56060.67742	56036.82813	504872.3	5410112.0
L4870.0	0.0	0.0	43035.80078	421.45	0	48.843947	-86.933593	56075.24	56237	13.01	56088.26	56067.30078	56046.32293	56022.01953	504872.4	5410110.5
L4870.0	0.0	0.0	43035.89844	420.13	0	48.843936	-86.933592	56074.53	56237	13.01	56087.54	56066.36328	56060.62828	56035.86719	504872.4	5410109.2
L4870.0	0.0	0.0	43035.89844	420.13	0	48.843922	-86.933592	56073.10	56237	13.01	56086.11	56064.71094	56057.53992	56032.32031	504872.4	5410107.7
L4870.0	0.0	0.0	43036.10156	410.05	0	48.843916	-86.933592	56071.57	56237	13.01	56084.59	56062.97266	56052.15696	56026.47266	504872.4	5410107.0
L4870.0	0.0	0.0	43036.19922	400.72	0	48.843900	-86.933592	56069.70	56237	13.02	56082.72	56060.88672	56038.13847	56011.98828	504872.4	5410105.3
L4870.0	0.0	0.0	43036.30078	410.44	0	48.843900	-86.933592	56068.11	56237	13.02	56081.13	56059.07813	56030.82711	56004.20313	504872.4	5410105.3
L4870.0	0.0	0.0	43036.39844	409.82	0	48.843888	-86.933592	56067.13	56237	13.02	56080.15	56057.88281	56038.25644	56011.15625	504872.4	5410104.0
L4870.0	0.0	0.0	43036.50000	379.07	0	48.843874	-86.933592	56065.22	56237	13.03	56078.25	56055.76953	56023.14361	55995.56641	504872.4	5410102.4
L4870.0	0.0	0.0	43036.60156	377.01	0	48.843874	-86.933592	56064.29	56237	13.03	56077.32	56054.62500	56031.52938	56003.46875	504872.4	5410102.4
L4870.0	0.0	0.0	43036.69922	382.37	0	48.843859	-86.933592	56062.39	56237	13.03	56075.43	56052.52734	56016.38540	55987.83984	504872.4	5410100.7
L4870.0	0.0	0.0	43036.80078	386.42	0	48.843850	-86.933592	56061.50	56237	13.03	56074.54	56051.42578	56025.45782	55996.42578	504872.4	5410099.7
L4870.0	0.0	0.0	43036.89844	391.46	0	48.843836	-86.933592	56059.79	56237	13.04	56072.83	56049.50781	56014.39827	55984.87109	504872.4	5410098.1
L4870.0	0.0	0.0	43037.00000	399.32	0	48.843836	-86.933592	56059.08	56237	13.04	56072.12	56048.59375	56027.54194	55997.52344	504872.4	5410098.1
L4870.0	0.0	0.0	43037.10156	405.36	0	48.843822	-86.933592	56057.54	56237	13.04	56070.58	56046.84766	56020.29680	55989.78125	504872.4	5410096.6
L4870.0	0.0	0.0	43037.19922	409.84	0	48.843809	-86.933592	56056.17	56237	13.04	56069.21	56045.27344	56017.01984	55986.00391	504872.4	5410095.1
L4870.0	0.0	0.0	43037.30078	415.58	0	48.843800	-86.933592	56055.01	56237	13.04	56068.05	56043.91406	56018.67900	55987.16016	504872.4	5410094.1
L4870.0	0.0	0.0	43037.39844	419.67	0	48.843789	-86.933592	56053.26	56237	13.04	56066.30	56041.96484	56005.77673	55973.75000	504872.4	5410092.9
L4870.0	0.0	0.0	43037.50000	422.81	0	48.843789	-86.933592	56052.28	56237	13.04	56065.32	56040.78516	56011.44094	55978.90625	504872.4	5410092.9
L4870.0	0.0	0.0	43037.60156	425.45	0	48.843776	-86.933592	56050.05	56237	13.04	56063.09	56038.35938	55986.45047	55953.41016	504872.4	5410091.5
L4870.0	0.0	0.0	43037.69922	424.23	0	48.843767	-86.933592	56049.24	56237	13.04	56062.28	56037.35938	55995.84958	55962.29688	504872.4	5410090.5
L4870.0	0.0	0.0	43037.80078	424.49	0	48.843754	-86.933592	56047.40	56237	13.04	56060.44	56035.32422	55979.94077	55945.87109	504872.4	5410089.0
L4870.0	0.0	0.0	43037.89844	428.61	0	48.843743	-86.933592	56047.01	56237	13.04	56060.05	56034.74609	55999.13923	55964.55078	504872.4	5410087.8
L4870.0	0.0	0.0	43037.89844	428.61	0	48.843732	-86.933592	56045.70	56237	13.04	56058.74	56033.25000	55995.69657	55960.58984	504872.4	5410086.6
L4870.0	0.0	0.0	43038.00000	429.85	0	48.843732	-86.933592	56044.81	56237	13.04	56057.85	56032.17578	56002.25349	55966.62891	504872.4	5410086.6
L4870.0	0.0	0.0	43038.19922	431.16	0	48.843716	-86.933593	56043.70	56237	13.04	56056.74	56030.88281	56003.21071	55967.06641	504872.4	5410084.7
L4870.0	0.0	0.0	43038.30078	430.12	0	48.843703	-86.933593	56042.21	56237	13.04	56055.24	56029.20313	55994.41988	55957.75000	504872.4	5410083.3
L4870.0	0.0	0.0	43038.39844	429.11	0	48.843692	-86.933593	56041.20	56237	13.04	56054.24	56028.02344	55997.55815	55960.36328	504872.4	5410082.2
L4870.0	0.0	0.0	43038.50000	430.62	0	48.843692	-86.933593	56039.38	56237	13.03	56052.41	56026.01953	55980.21541	55942.49609	504872.4	5410082.2
L4870.0	0.0	0.0	43038.60156	430.62	0	48.843676	-86.933593	56038.21	56237	13.03	56051.25	56024.68750	55978.93068	55940.68359	504872.4	5410080.4
L4870.0	0.0	0.0	43038.69922	431.57	0	48.843662	-86.933593	56036.52	56237	13.03	56049.55	56022.81641	55964.21758	55925.44141	504872.3	5410078.8
L4870.0	0.0	0.0	43038.80078	430.57	0	48.843662	-86.933593	56036.16	56237	13.03	56049.19	56022.28906	55981.87337	55942.57031	504872.3	5410078.8
L4870.0	0.0	0.0	43038.89844	428.97	0	48.843652	-86.933593	56035.07	56237	13.03	56048.10	56021.03125	55981.45904	55941.62500	504872.3	5410077.7
L4870.0	0.0	0.0	43039.00000	424.00	0	48.843640	-86.933593	56033.63	56237	13.03	56046.66	56019.42969	55972.22651	55931.86328	504872.3	5410076.3
L4870.0	0.0	0.0	43039.10156	422.08	0	48.843625	-86.933593	56032.37	56237	13.03	56045.40	56018.01172	55967.08231	55926.19141	504872.3	5410074.7
L4870.0	0.0	0.0	43039.19922	425.39	0	48.843625	-86.933593	56031.33	56237	13.03	56044.36	56016.81641	55966.99482	55925.57422	504872.3	5410074.7
L4870.0	0.0	0.0	43039.30078	426.89	0	48.843613	-86.933593	56030.60	56237	13.03	56043.63	56015.92969	55974.15070	55932.19531	504872.3	5410073.3
L4870.0	0.0	0.0	43039.39844	425.04	0	48.843600	-86.933593	56029.08	56237	13.03	56042.11	56014.26172	55961.74392	55919.25781	504872.3	5410071.9
L4870.0	0.0	0.0	43039.50000	420.33	0	48.843589	-86.933593	56028.45	56237	13.03	56041.47	56013.47266	55970.45580	55927.44141	504872.4	5410070.7
L4870.0	0.0	0.0	43039.60156	415.55	0	48.843574	-86.933593	56027.04	56237	13.03	56040.07	56011.92969	55960.32410	55916.78516	504872.4	5410069.1
L4870.0	0.0	0.0	43039.69922	409.76	0	48.843574	-86.933593	56026.47	56237	13.03	56039.50	56011.21484	55970.08119	55926.01172	504872.4	5410069.1
L4870.0	0.0	0.0	43039.80078	403.49	0	48.843558	-86.933593	56025.14	56237	13.03	56038.17	56009.75000	55960.98317	55916.38672	504872.4	5410067.2
L4870.0	0.0	0.0	43039.89844	398.33	0	48.843544	-86.933593	56024.17	56237	13.03	56037.20	56008.64453	55960.31166	55915.18750	504872.4	5410065.7
L4870.0	0.0	0.0	43039.89844	398.33	0	48.843532	-86.933593	56022.96	56237	13.03	56035.99	56007.30078	55953.44295	55907.79297	504872.4	5410064.4
L4870.0	0.0	0.0	43040.00000	391.48	0	48.843532	-86.933593	56021.39	56237	13.03	56034.42	56005.60156	55937.44793	55891.27734	504872.4	5410064.4
L4870.0	0.0	0.0	43040.10156	384.76	0	48.843523	-86.933593	56020.56	56237	13.03	56033.58	56004.63672	55938.87760	55892.18359	504872.4	5410063.3
L4870.0	0.0	0.0	43040.19922	384.16	0	48.843509	-86.933592	56019.34	56237	13.03	56032.37	56003.30859	55930.92671	55883.71484	504872.4	5410061.8
L4870.0	0.0	0.0	43040.30078	382.45	0	48.843509	-86.933592	56019.01	56237	13.03	56032.04	56002.85938	55944.04465	55896.31250	504872.4	5410061.8
L4870.0	0.0	0.0	43040.50000	383.90	0	48.843494	-86.933592	56018.18	56237	13.03	56031.21	56001.91406	55944.60456	55896.35938	504872.4	5410060.1
L4870.0	0.0	0.0	43040.60156	381.98	0	48.843480	-86.933592	56017.65	56237	13.03	56030.68	56001.27344	55952.09241	55903.33594	504872.5	5410058.5
L4870.0	0.0	0.0	43040.69922	387.04	0	48.843480	-86.933592	56016.46	56237	13.03	56029.49	55999.97656	55943.11433	55893.84375	504872.5	5410058.5
L4870.0	0.0	0.0	43040.80078	402.26	0	48.843468	-86.933592	56015.67	56237	13.03	56028.70	55999.08203	55943.49106	55893.71484	504872.5	5410057.2
L4870.0	0.0	0.0	43040.89844	407.16	0	48.843454	-86.933592	56014.51	56237	13.03	56027.54	55997.82422	55934.45807	55884.17578	504872.5	5410055.7
L4870.0	0.0	0.0	43041.00000	411.63	0	48.843454	-86.933592	56013.75	56237	13.03	56026.78	55996.96875	55934.77091	55883.98828	504872.5	5410055.7
L4870.0	0.0	0.0	43041.10156	417.15	0	48.843438	-86.933591	56013.02	56237	13.03	56026.05	55996.14844	55935.41077	55884.13281	504872.5	5410053.9
L4870.0	0.0	0.0	43041.19922	421.90	0	48.843426	-86.933591	56012.56	56237	13.03	56025.59	55995.59766	55942.22077	55890.44922	504872.5	5410052.6
L4870.0	0.0	0.0	43041.30078	424.30	0	48.843416	-86.933591	56011.90	56237	13.03	56024.94	55994.86719	55943.98964	55891.72656	504872.5	5410051.5
L4870.0	0.0	0.0	43041.39844	427.56	0	48.843416	-86.933591	56011.02	56237	13.03	56024.05	55993.89453	55939.49536	55886.74219	504872.5	5410051.5
L4870.0	0.0	0.0	43041.50000	430.09	0	48.843402	-86.933591	56010.19	56237	13.04	56023.22	55992.99219	55936.04332	55882.81250	504872.5	5410049.9
L4870.0	0.0	0.0	43041.60156	431.23	0	48.843387	-86.933591	56009.15	56237	13.04	56022.18	55991.87891	55927.05182	55873.34375	504872.6	5410048.2
L4870.0	0.0	0.0	43041.69922	431.39	0	48.843373	-86.933591	56008.89	56237	13.04	56021.93	55991.56250	55936.88110	55882.69922	504872.6	5410046.7
L4870.0	0.0	0.0	43041.80078	429.97	0	48.843373	-86.933591	56007.86	56237	13.04	56020.90	55990.46875	55927.27708	55872.62891	504872.6	5410046.7
L4870.0	0.0	0.0	43041.89844	429.33	0	48.843361	-86.933590	56007.48	56237	13.04	56020.52	55990.03125	55933.07673	55877.96484	504872.6	5410045.3
L4870.0	0.0	0.0	43041.89844	429.33	0	48.843348	-86.933590	56006.67	56237	13.04	56019.71	55989.16406	55927.96446	55872.39453	504872.6	5410043.9
L4870.0	0.0	0.0	43042.10156	429.92	0	48.843348	-86.933590	56006.36	56237	13.04	56019.40	55988.80469	55934.59578	55878.57422	504872.6	5410043.9
L4870.0	0.0	0.0	43042.19922	431.25	0	48.843330	-86.933590	56005.48	56237	13.04	56018.52	55987.87891	55926.89914	55870.43359	504872.6	5410041.9
L4870.0	0.0	0.0	43042.30078	432.15	0	48.843316	-86.933590	56004.79	56237	13.04	56017.84	55987.15625	55923.63222	55866.72266	504872.6	5410040.3
L4870.0	0.0	0.0	43042.39844	431.93	0	48.843316	-86.933590	56004.19	56237	13.04	56017.23	55986.51172	55921.62564	55864.28125	504872.6	5410040.3
L4870.0	0.0	0.0	43042.50000	428.62	0	48.843302	-86.933590	56003.58	56237	13.05	56016.63	55985.87891	55919.41569	55861.64453	504872.6	5410038.8
L4870.0	0.0	0.0	43042.60156	425.28	0	48.843290	-86.933590	56003.13	56237	13.05	56016.18	55985.40234	55920.41157	55862.22266	504872.6	5410037.4
L4870.0	0.0	0.0	43042.69922	420.72	0	48.843290	-86.933590	56002.67	56237	13.05	56015.72	55984.91797	55920.71357	55862.10938	504872.6	5410037.4
L4870.0	0.0	0.0	43042.80078	416.34	0	48.843275	-86.933590	56002.82	56237	13.05	56015.87	55985.05078	55935.42586	55876.41016	504872.6	5410035.8
L4870.0	0.0	0.0	43042.89844	412.60	0	48.843264	-86.933590	56001.73	56237	13.05	56014.78	55983.94531	55919.47463	55860.05859	504872.6	5410034.5

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4870.0	0.0	0.0	43043.00000	404.23	0	48.843250	-86.933590	56001.61	56236.9	13.05	56014.66	55983.81641	55926.70260	55866.89453	504872.6	5410033.0
L4870.0	0.0	0.0	43043.10156	385.73	0	48.843239	-86.933591	56000.83	56236.9	13.05	56013.88	55983.03125	55917.39642	55857.20313	504872.6	5410031.7
L4870.0	0.0	0.0	43043.19922	381.99	0	48.843228	-86.933591	56000.47	56236.9	13.05	56013.52	55982.67188	55917.86834	55857.29297	504872.6	5410030.5
L4870.0	0.0	0.0	43043.30078	387.23	0	48.843228	-86.933591	56000.16	56236.9	13.05	56013.22	55982.37891	55919.34722	55858.40234	504872.6	5410030.5
L4870.0	0.0	0.0	43043.39844	389.68	0	48.843213	-86.933591	56000.04	56236.9	13.05	56013.09	55982.25781	55924.51306	55863.20313	504872.6	5410028.9
L4870.0	0.0	0.0	43043.50000	390.09	0	48.843213	-86.933591	55999.89	56236.9	13.06	56012.94	55982.12109	55928.73697	55867.07422	504872.6	5410028.9
L4870.0	0.0	0.0	43043.60156	391.96	0	48.843200	-86.933591	55999.28	56236.9	13.06	56012.34	55981.54297	55921.54303	55859.53125	504872.6	5410027.4
L4870.0	0.0	0.0	43043.69922	396.02	0	48.843183	-86.933591	55999.00	56236.9	13.06	56012.06	55981.28516	55921.69189	55859.34375	504872.5	5410025.6
L4870.0	0.0	0.0	43043.80078	402.67	0	48.843166	-86.933591	55998.30	56236.9	13.06	56011.35	55980.60547	55910.91173	55848.23047	504872.5	5410023.7
L4870.0	0.0	0.0	43043.89844	408.07	0	48.843166	-86.933591	55998.27	56236.9	13.06	56011.33	55980.61719	55916.49092	55853.48828	504872.5	5410023.7
L4870.0	0.0	0.0	43043.89844	408.07	0	48.843152	-86.933591	55997.66	56236.9	13.06	56010.72	55980.04688	55907.24536	55843.92969	504872.5	5410022.1
L4870.0	0.0	0.0	43044.10156	421.65	0	48.843137	-86.933591	55997.74	56236.9	13.06	56010.80	55980.17188	55914.36205	55850.74219	504872.5	5410020.5
L4870.0	0.0	0.0	43044.19922	423.68	0	48.843137	-86.933591	55997.44	56236.9	13.06	56010.50	55979.92188	55911.77373	55847.85938	504872.5	5410020.5
L4870.0	0.0	0.0	43044.30078	424.98	0	48.843124	-86.933592	55997.52	56236.9	13.06	56010.58	55980.05469	55917.99878	55853.79688	504872.5	5410018.9
L4870.0	0.0	0.0	43044.39844	427.10	0	48.843111	-86.933592	55997.34	56236.9	13.06	56010.40	55979.93359	55917.44672	55852.96875	504872.5	5410017.5
L4870.0	0.0	0.0	43044.50000	427.38	0	48.843111	-86.933592	55997.03	56236.9	13.06	56010.09	55979.68750	55913.28731	55848.54297	504872.5	5410017.5
L4870.0	0.0	0.0	43044.60156	431.22	0	48.843096	-86.933592	55997.08	56236.9	13.06	56010.14	55979.80469	55917.46144	55852.46094	504872.5	5410015.9
L4870.0	0.0	0.0	43044.69922	431.35	0	48.843081	-86.933592	55997.00	56236.9	13.06	56010.06	55979.79688	55918.03385	55852.78125	504872.5	5410014.2
L4870.0	0.0	0.0	43044.80078	430.67	0	48.843069	-86.933592	55997.06	56236.9	13.06	56010.12	55979.93750	55921.58589	55856.09375	504872.5	5410012.9
L4870.0	0.0	0.0	43044.89844	428.38	0	48.843069	-86.933592	55996.98	56236.9	13.06	56010.04	55979.93750	55921.29910	55855.57813	504872.5	5410012.9
L4870.0	0.0	0.0	43045.00000	427.66	0	48.843054	-86.933592	55997.11	56236.9	13.06	56010.17	55980.15625	55925.70437	55859.76563	504872.5	5410011.2
L4870.0	0.0	0.0	43045.10156	425.23	0	48.843041	-86.933592	55996.68	56236.9	13.06	56009.74	55979.82031	55916.04549	55849.89844	504872.5	5410009.7
L4870.0	0.0	0.0	43045.19922	424.21	0	48.843041	-86.933592	55996.83	56236.9	13.07	56009.90	55980.07813	55920.34468	55853.99609	504872.5	5410009.7
L4870.0	0.0	0.0	43045.30078	428.72	0	48.843031	-86.933592	55996.68	56236.9	13.07	56009.75	55980.03125	55916.67889	55850.14063	504872.5	5410008.6
L4870.0	0.0	0.0	43045.39844	428.52	0	48.843014	-86.933592	55996.93	56236.9	13.08	56010.01	55980.39844	55922.59439	55855.87891	504872.5	5410006.7
L4870.0	0.0	0.0	43045.50000	425.67	0	48.842999	-86.933592	55996.88	56236.9	13.08	56009.96	55980.46094	55920.55402	55853.66797	504872.5	5410005.1
L4870.0	0.0	0.0	43045.60156	422.77	0	48.842999	-86.933592	55997.21	56236.9	13.09	56010.30	55980.91797	55927.61714	55860.57422	504872.5	5410005.1
L4870.0	0.0	0.0	43045.69922	420.33	0	48.842984	-86.933592	55997.36	56236.9	13.10	56010.45	55981.19141	55929.65792	55862.46484	504872.5	5410003.5
L4870.0	0.0	0.0	43045.80078	415.96	0	48.842984	-86.933592	55996.65	56236.9	13.10	56009.75	55980.61719	55910.60159	55843.26953	504872.5	5410003.5
L4870.0	0.0	0.0	43045.89844	412.46	0	48.842966	-86.933592	55997.03	56236.9	13.11	56010.14	55981.14063	55917.71902	55850.25781	504872.5	5410001.5
L4870.0	0.0	0.0	43045.89844	412.46	0	48.842966	-86.933592	55996.78	56236.9	13.11	56009.88	55981.01563	55908.62310	55841.04297	504872.5	5410001.5
L4870.0	0.0	0.0	43046.10156	397.37	0	48.842950	-86.933592	55997.34	56236.9	13.11	56010.45	55981.72656	55919.37779	55851.69141	504872.5	5409999.7
L4870.0	0.0	0.0	43046.19922	389.34	0	48.842938	-86.933592	55997.31	56236.9	13.12	56010.43	55981.85547	55915.39269	55847.60938	504872.5	5409998.3
L4870.0	0.0	0.0	43046.30078	400.97	0	48.842926	-86.933592	55997.79	56236.9	13.12	56010.91	55982.48438	55923.23030	55855.35547	504872.5	5409997.0
L4870.0	0.0	0.0	43046.39844	401.83	0	48.842926	-86.933592	55998.02	56236.9	13.12	56011.14	55982.87109	55924.62419	55856.67188	504872.5	5409997.0
L4870.0	0.0	0.0	43046.50000	383.12	0	48.842915	-86.933592	55998.39	56236.9	13.13	56011.52	55983.41016	55929.32625	55861.30859	504872.5	5409995.7
L4870.0	0.0	0.0	43046.60156	383.40	0	48.842897	-86.933592	55998.47	56236.9	13.13	56011.60	55983.65234	55926.37945	55858.30859	504872.5	5409993.7
L4870.0	0.0	0.0	43046.69922	384.79	0	48.842897	-86.933592	55999.00	56236.9	13.13	56012.14	55984.36328	55934.30691	55866.18750	504872.5	5409993.7
L4870.0	0.0	0.0	43046.80078	389.14	0	48.842885	-86.933592	55999.28	56236.9	13.13	56012.42	55984.81641	55935.57369	55867.41406	504872.5	5409992.5
L4870.0	0.0	0.0	43046.89844	394.59	0	48.842873	-86.933592	55999.23	56236.9	13.14	56012.37	55984.94141	55928.48135	55860.29688	504872.5	5409991.1
L4870.0	0.0	0.0	43047.00000	401.02	0	48.842861	-86.933592	55999.74	56236.9	13.14	56012.88	55985.63281	55934.72069	55866.51953	504872.5	5409989.8
L4870.0	0.0	0.0	43047.10156	405.88	0	48.842861	-86.933592	55999.91	56236.9	13.14	56013.06	55986.00000	55932.61533	55864.41016	504872.5	5409989.8
L4870.0	0.0	0.0	43047.19922	410.39	0	48.842850	-86.933593	56000.65	56236.9	13.15	56013.79	55986.92188	55943.61264	55875.41016	504872.5	5409988.5
L4870.0	0.0	0.0	43047.30078	414.52	0	48.842836	-86.933593	56000.97	56236.9	13.15	56014.12	55987.44531	55944.57468	55876.38281	504872.4	5409986.9
L4870.0	0.0	0.0	43047.39844	417.44	0	48.842821	-86.933593	56001.51	56236.8	13.15	56014.66	55988.18359	55950.37085	55882.20313	504872.4	5409985.3
L4870.0	0.0	0.0	43047.50000	422.11	0	48.842821	-86.933593	56001.05	56236.8	13.15	56014.21	55987.93750	55931.77247	55863.63672	504872.4	5409985.3
L4870.0	0.0	0.0	43047.60156	426.44	0	48.842810	-86.933594	56001.23	56236.8	13.16	56014.39	55988.32422	55928.25639	55860.16406	504872.4	5409984.1
L4870.0	0.0	0.0	43047.69922	428.33	0	48.842799	-86.933594	56001.91	56236.8	13.16	56015.07	55989.21484	55936.66319	55868.62109	504872.4	5409982.8
L4870.0	0.0	0.0	43047.80078	429.17	0	48.842789	-86.933594	56002.92	56236.8	13.16	56016.09	55990.44922	55953.10262	55885.12109	504872.4	5409981.7
L4870.0	0.0	0.0	43047.89844	430.48	0	48.842789	-86.933594	56003.38	56236.8	13.17	56016.55	55991.12891	55955.65540	55887.74609	504872.4	5409981.7
L4870.0	0.0	0.0	43047.89844	430.48	0	48.842775	-86.933595	56003.91	56236.8	13.17	56017.08	55991.87891	55959.67866	55891.84766	504872.3	5409980.2
L4870.0	0.0	0.0	43048.00000	432.07	0	48.842764	-86.933595	56004.36	56236.8	13.17	56017.53	55992.55469	55961.52596	55893.78516	504872.3	5409978.9
L4870.0	0.0	0.0	43048.19922	434.83	0	48.842764	-86.933595	56004.62	56236.8	13.16	56017.78	55993.03516	55958.28182	55890.63672	504872.3	5409978.9
L4870.0	0.0	0.0	43048.30078	432.46	0	48.842750	-86.933595	56005.13	56236.8	13.16	56018.29	55993.77734	55961.16169	55893.62500	504872.3	5409977.4
L4870.0	0.0	0.0	43048.39844	431.54	0	48.842739	-86.933596	56005.10	56236.8	13.16	56018.26	55993.98438	55950.68289	55883.26172	504872.2	5409976.2
L4870.0	0.0	0.0	43048.50000	430.66	0	48.842739	-86.933596	56005.63	56236.8	13.15	56018.79	55994.75391	55953.65364	55886.35547	504872.2	5409976.2
L4870.0	0.0	0.0	43048.60156	429.97	0	48.842718	-86.933596	56006.16	56236.8	13.15	56019.32	55995.52734	55956.43857	55889.27734	504872.2	5409973.9
L4870.0	0.0	0.0	43048.69922	429.79	0	48.842718	-86.933596	56007.07	56236.9	13.15	56020.22	55996.67188	55968.06051	55901.03906	504872.2	5409973.9
L4870.0	0.0	0.0	43048.80078	431.83	0	48.842704	-86.933597	56007.71	56236.9	13.15	56020.85	55997.55078	55972.93499	55906.06250	504872.2	5409972.3
L4870.0	0.0	0.0	43048.89844	431.14	0	48.842704	-86.933597	56008.54	56236.9	13.14	56021.68	55998.63281	55982.52121	55915.80469	504872.2	5409972.3
L4870.0	0.0	0.0	43049.00000	428.47	0	48.842690	-86.933598	56008.82	56236.9	13.14	56021.96	55999.16797	55978.55469	55912.00781	504872.1	5409970.7
L4870.0	0.0	0.0	43049.10156	420.95	0	48.842680	-86.933598	56009.17	56236.9	13.14	56022.32	55999.78516	55976.39279	55910.01953	504872.1	5409969.7
L4870.0	0.0	0.0	43049.19922	416.84	0	48.842669	-86.933599	56009.78	56236.8	13.15	56022.93	56000.65625	55980.18553	55913.99219	504872.0	5409968.5
L4870.0	0.0	0.0	43049.30078	412.46	0	48.842669	-86.933599	56010.28	56236.8	13.15	56023.44	56001.42969	55981.41386	55915.41016	504872.0	5409968.5
L4870.0	0.0	0.0	43049.39844	407.34	0	48.842656	-86.933599	56010.67	56236.8	13.16	56023.83	56002.08594	55979.59865	55913.79297	504872.0	5409967.0
L4870.0	0.0	0.0	43049.50000	398.41	0	48.842641	-86.933600	56011.20	56236.8	13.17	56024.36	56002.88672	55981.08258	55915.48047	504871.9	5409965.3
L4870.0	0.0	0.0	43049.60156	391.06	0	48.842632	-86.933601	56011.98	56236.8	13.17	56025.15	56003.94531	55988.79737	55923.41016	504871.9	5409964.3
L4870.0	0.0	0.0	43049.69922	385.84	0	48.842632	-86.933601	56012.41	56236.8	13.18	56025.58	56004.65234	55987.64558	55922.47656	504871.9	5409964.3
L4870.0	0.0	0.0	43049.80078	381.84	0	48.842619	-86.933601	56013.27	56236.8	13.18	56026.45	56005.79688	55997.12609	55932.18359	504871.9	5409962.8
L4870.0	0.0	0.0	43049.89844	383.60	0	48.842606	-86.933602	56014.03	56236.8	13.19	56027.21	56006.83203	56003.84681	55939.13672	504871.8	5409961.4
L4870.0	0.0	0.0	43049.89844	383.60	0	48.842606	-86.933602	56014.56	56236.8	13.19	56027.74	56007.64453	56004.89193	55940.42188	504871.8	5409961.4
L4870.0	0.0	0.0	43050.10156	386.71	0	48.842595	-86.933602	56014.89	56236.8	13.19	56028.08	56008.26563	56001.24376	55937.01953	504871.8	5409960.2
L4870.0	0.0	0.0	43050.19922	389.10	0	48.842581	-86.933603	56015.50	56236.8	13.19	56028.69	56009.16016	56004.11724	55940.14453	504871.7	5409958.6
L4870.0	0.0	0.0	43050.30078	394.68	0	48.842581	-86.933603	56015.80	56236.8	13.20	56028.99	56009.74219	55999.38907	55935.67578	504871.7	5409958.6
L4870.0	0.0	0.0	43050.39844	398.70	0	48.842568	-86.933604	56016.34	56236.8	13.20	56029.53	56010.57031	56000.46675	55937.01563	504871.7	5409957.2
L4870.0	0.0	0.0	43050.50000	402.92	0	48.842556	-86.933604	56017.19	56236.8	13.20	56030.39	56011.71875	56009.30677	55946.12891	504871.6	5409955.9
L4870.0	0.0	0.0	43050.60156	407.46	0	48.842546	-86.933605	56017.70	56236.8	13.20	56030.90	56012.51953	56009.59281	55946.69141	504871.6	5409954.7
L4870.0	0.0	0.0	43050.69922	410.44	0	48.842546	-86.933605	56018.33	56236.8	13.20	56031.53	56013.44141	56012.78299	55950.16406	504871.6	5409954.7
L4870.0	0.0	0.0	43050.80078	413.21	0	48.842533	-86.933605	56018.98	56236.8	13.21	56032.19	56014.39453	56016.69166	55954.35547	504871.6	5409953.3
L4870.0	0.0	0.0	43050.89844	412.63	0	48.842523	-86.933606	56019.75	56236.8	13.21	56032.95	56015.44922	56023.03126	55960.98828	504871.5	5409952.2
L4870.0	0.0	0.0	43051.00000	416.27	0	48.842511	-86.933606	56020.32	56236.8	13.21	56033.53	56016.32422	56024.98685	55963.24219	504871.5	5409950.9
L4870.0	0.0	0.0	43051.10156	421.98	0	48.842511	-86.933606	56020.56	56236.8	13.21	56033.77	56016.85938	56018.66697	55957.22266	504871.5	5409950.9
L4870.0	0.0	0.0	43051.19922	425.28	0	48.842499	-86.933607	56021.21	56236.8	13.22	56034.43	56017.81641	56022.59460	55961.45313	504871.5	5409949.6
L4870.0	0.0	0.0	43051.30078	425.97	0	48.842499	-86.933607	56022.18	56236.8	13.22	56035.40	56019.08203	56034.09623	55973.26563	504871.5	5409949.6
L4870.0	0.0	0.0	43051.39844	424.13	0	48.842488	-86.933607	56022.98	56236.8	13.23	56036.21	56020.19141	56041.72730	55981.20703	504871.4	5409948.3
L4870.0	0.0	0.0	43051.50000	426.09	0	48.842475	-86.933608	56023.24	56236.8	13.23	56036.47	56020.75000	56035.99221	55975.79297	504871.4	5409946.9
L4870.0	0.0	0.0	43051.60156	428.88	0	48.842466	-86.933608	56023.69	56236.8	13.23	56036.92	56021.49609	56034.92611	55975.04688	504871.4	5409945.9
L4870.0	0.0	0.0	43051.69922	431.14	0	48.842457	-86.933608	56023.95	56236.8	13.24	56037.18	56022.05859	56029.27676	55969.71875	504871.4	5409944.8
L4870.0	0.0	0.0	43051.80078	431.70	0	48.842457	-86.933608	56024.53	56236.8	13.24	56037.77	56022.94531	56031.71901	55972.48438	504871.4	5409944.8
L4870.0	0.0	0.0	43051.89844	431.81	0	48.842444	-86.933609	56024.90	56236.8	13.25	56038.15	56023.62500	56029.10213	55970.19531	504871.3	5409943.4
L4870.0	0.0	0.0	43051.89844	431.81	0	48.842434	-86.933609	56025.62	56236.8	13.25	56038.86	56024.63672	56034.58797	55976.01172	504871.3	5409942.3
L4870.0	0.0	0.0	43052.10156	430.76	0	48.842434	-86.933609	56026.12	56236.7	13.25	56039.37	56025.44531	56035.26910	55977.02734	504871.3	5409942.3
L4870.0	0.0	0.0	43052.19922	429.92	0	48.842422	-86.933609	56026.50	56236.7	13.25	56039.75	56026.12500	56032.85615	55974.94531	504871.3	5409941.0

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4870.0	0.0	0.0	43052.30078	428.54	0	48.842413	-86.933609	56027.06	56236.7	13.25	56040.31	56026.98438	56034.90684	55977.33203	504871.3	5409939.9
L4870.0	0.0	0.0	43052.39844	426.80	0	48.842413	-86.933609	56027.66	56236.7	13.25	56040.92	56027.89453	56038.25871	55981.01953	504871.3	5409939.9
L4870.0	0.0	0.0	43052.50000	423.85	0	48.842403	-86.933610	56028.34	56236.7	13.25	56041.60	56028.87500	56043.40371	55986.50000	504871.3	5409938.9
L4870.0	0.0	0.0	43052.60156	422.07	0	48.842396	-86.933610	56028.40	56236.7	13.26	56041.65	56029.22266	56033.29180	55976.72266	504871.2	5409938.1
L4870.0	0.0	0.0	43052.69922	422.51	0	48.842396	-86.933610	56029.13	56236.7	13.26	56042.39	56030.25781	56040.08727	55983.85547	504871.2	5409938.1
L4870.0	0.0	0.0	43052.80078	420.13	0	48.842386	-86.933610	56029.54	56236.7	13.26	56042.80	56030.96484	56038.94338	55983.04688	504871.2	5409937.0
L4870.0	0.0	0.0	43052.89844	421.18	0	48.842377	-86.933611	56030.32	56236.7	13.26	56043.58	56032.04297	56046.91865	55991.35547	504871.2	5409935.9
L4870.0	0.0	0.0	43053.00000	421.02	0	48.842377	-86.933611	56030.47	56236.7	13.26	56043.73	56032.48828	56039.65324	55984.42188	504871.2	5409935.9
L4870.0	0.0	0.0	43053.10156	422.01	0	48.842369	-86.933611	56031.13	56236.7	13.26	56044.39	56033.44141	56044.92530	55990.02734	504871.1	5409935.1
L4870.0	0.0	0.0	43053.19922	420.87	0	48.842361	-86.933612	56031.43	56236.7	13.27	56044.70	56034.04297	56041.78556	55987.21484	504871.1	5409934.1
L4870.0	0.0	0.0	43053.30078	419.58	0	48.842353	-86.933612	56031.71	56236.7	13.28	56044.99	56034.62500	56038.27727	55984.03125	504871.1	5409933.3
L4870.0	0.0	0.0	43053.39844	420.94	0	48.842353	-86.933612	56031.98	56236.7	13.28	56045.26	56035.18750	56034.40351	55980.48047	504871.1	5409933.3
L4870.0	0.0	0.0	43053.50000	419.37	0	48.842344	-86.933612	56032.70	56236.7	13.29	56045.98	56036.19531	56041.61807	55988.01563	504871.1	5409932.3
L4870.0	0.0	0.0	43053.60156	417.41	0	48.842336	-86.933613	56033.43	56236.7	13.29	56046.72	56037.22266	56049.44730	55996.16406	504871.0	5409931.4
L4870.0	0.0	0.0	43053.69922	414.95	0	48.842327	-86.933613	56033.76	56236.7	13.29	56047.05	56037.83984	56047.41738	55994.44531	504871.0	5409930.4
L4870.0	0.0	0.0	43053.80078	412.42	0	48.842319	-86.933614	56034.14	56236.7	13.30	56047.44	56038.51563	56046.98155	55994.31250	504871.0	5409929.5
L4870.0	0.0	0.0	43053.89844	411.11	0	48.842319	-86.933614	56034.24	56236.7	13.31	56047.54	56038.89844	56039.61470	55987.25000	504871.0	5409929.5
L4870.0	0.0	0.0	43053.89844	411.11	0	48.842312	-86.933614	56034.39	56236.7	13.31	56047.69	56039.32813	56033.60245	55981.53516	504871.0	5409928.7
L4870.0	0.0	0.0	43054.10156	406.72	0	48.842312	-86.933614	56034.42	56236.7	13.31	56047.73	56039.64844	56025.04839	55973.26953	504871.0	5409928.7
L4870.0	0.0	0.0	43054.19922	399.02	0	48.842304	-86.933614	56035.22	56236.7	13.31	56048.53	56040.72266	56035.15050	55983.65625	504870.9	5409927.8
L4870.0	0.0	0.0	43054.30078	395.72	0	48.842295	-86.933614	56035.56	56236.7	13.31	56048.87	56041.33984	56034.18659	55982.96484	504870.9	5409926.9
L4870.0	0.0	0.0	43054.39844	392.50	0	48.842288	-86.933615	56036.06	56236.7	13.31	56049.37	56042.11328	56037.26333	55986.31250	504870.9	5409926.1
L4870.0	0.0	0.0	43054.50000	389.58	0	48.842282	-86.933615	56036.46	56236.7	13.31	56049.78	56042.79297	56038.29091	55987.60156	504870.9	5409925.4
L4870.0	0.0	0.0	43054.60156	387.60	0	48.842275	-86.933615	56036.92	56236.7	13.32	56050.23	56043.51172	56040.43747	55990.00000	504870.9	5409924.6
L4870.0	0.0	0.0	43054.69922	388.80	0	48.842275	-86.933615	56037.40	56236.7	13.32	56050.72	56044.26563	56043.70373	55993.50781	504870.9	5409924.6
L4870.0	0.0	0.0	43054.80078	390.50	0	48.842267	-86.933615	56037.71	56236.7	13.32	56051.03	56044.83984	56042.73023	55992.76953	504870.9	5409923.7
L4870.0	0.0	0.0	43054.89844	394.16	0	48.842267	-86.933615	56038.24	56236.7	13.32	56051.56	56045.63281	56047.26278	55997.52344	504870.9	5409923.7
L4870.0	0.0	0.0	43055.00000	397.68	0	48.842258	-86.933615	56038.54	56236.7	13.32	56051.86	56046.19141	56046.33795	55996.81250	504870.9	5409922.7
L4870.0	0.0	0.0	43055.10156	405.01	0	48.842253	-86.933615	56039.02	56236.7	13.32	56052.34	56046.92578	56049.94485	56000.62500	504870.9	5409922.2
L4870.0	0.0	0.0	43055.19922	411.29	0	48.842246	-86.933615	56039.40	56236.7	13.32	56052.72	56047.56250	56051.26154	56002.13281	504870.9	5409921.4
L4870.0	0.0	0.0	43055.30078	414.37	0	48.842238	-86.933615	56039.93	56236.7	13.32	56053.25	56048.33984	56056.37862	56007.42578	504870.9	5409920.5
L4870.0	0.0	0.0	43055.39844	417.62	0	48.842238	-86.933615	56039.96	56236.7	13.32	56053.28	56048.62109	56049.45929	56000.67578	504870.9	5409920.5
L4870.0	0.0	0.0	43055.50000	419.20	0	48.842230	-86.933615	56040.41	56236.7	13.32	56053.74	56049.32422	56053.16111	56004.53125	504870.9	5409919.6
L4870.0	0.0	0.0	43055.60156	421.73	0	48.842223	-86.933615	56040.86	56236.7	13.33	56054.19	56050.01563	56056.76332	56008.27344	504870.9	5409918.8
L4870.0	0.0	0.0	43055.69922	425.45	0	48.842214	-86.933615	56041.38	56236.7	13.33	56054.70	56050.76563	56061.97050	56013.60547	504870.9	5409917.8
L4870.0	0.0	0.0	43055.80078	428.17	0	48.842214	-86.933615	56041.63	56236.7	13.33	56054.95	56051.25391	56060.98522	56012.73438	504870.9	5409917.8
L4870.0	0.0	0.0	43055.89844	426.65	0	48.842210	-86.933615	56041.93	56236.7	13.33	56055.26	56051.79688	56061.60269	56013.44922	504870.9	5409917.4
L4870.0	0.0	0.0	43055.89844	426.65	0	48.842204	-86.933615	56042.31	56236.7	13.33	56055.64	56052.40625	56064.06522	56015.99219	504870.9	5409916.7
L4870.0	0.0	0.0	43056.10156	422.94	0	48.842198	-86.933616	56042.23	56236.7	13.34	56055.57	56052.56250	56055.70232	56007.69531	504870.9	5409916.0
L4870.0	0.0	0.0	43056.19922	419.97	0	48.842198	-86.933616	56042.94	56236.7	13.34	56056.28	56053.49609	56066.47967	56018.52344	504870.9	5409916.0
L4870.0	0.0	0.0	43056.30078	417.97	0	48.842191	-86.933616	56042.92	56236.7	13.35	56056.27	56053.70703	56059.85020	56011.92578	504870.8	5409915.2
L4870.0	0.0	0.0	43056.39844	413.83	0	48.842183	-86.933616	56043.14	56236.6	13.35	56056.50	56054.15234	56059.20120	56011.29297	504870.8	5409914.3
L4870.0	0.0	0.0	43056.50000	408.47	0	48.842183	-86.933616	56043.47	56236.6	13.36	56056.83	56054.69922	56061.11991	56013.21094	504870.8	5409914.3
L4870.0	0.0	0.0	43056.60156	403.53	0	48.842177	-86.933616	56044.11	56236.6	13.37	56057.47	56055.54688	56070.72073	56022.79297	504870.8	5409913.7
L4870.0	0.0	0.0	43056.69922	402.24	0	48.842171	-86.933616	56044.31	56236.6	13.37	56057.68	56055.96484	56069.97252	56022.00781	504870.8	5409913.1
L4870.0	0.0	0.0	43056.80078	403.73	0	48.842171	-86.933616	56044.33	56236.6	13.38	56057.71	56056.19922	56064.96407	56016.94141	504870.8	5409913.1
L4870.0	0.0	0.0	43056.89844	405.83	0	48.842167	-86.933617	56044.44	56236.6	13.38	56057.82	56056.50781	56062.02772	56013.92969	504870.8	5409912.6
L4870.0	0.0	0.0	43057.00000	409.25	0	48.842162	-86.933617	56044.86	56236.6	13.39	56058.25	56057.13672	56067.00848	56018.81641	504870.7	5409912.0
L4870.0	0.0	0.0	43057.10156	411.52	0	48.842162	-86.933617	56045.34	56236.6	13.39	56058.73	56057.80859	56073.32585	56025.01953	504870.7	5409912.0
L4870.0	0.0	0.0	43057.19922	416.54	0	48.842155	-86.933617	56045.49	56236.6	13.39	56058.88	56058.14844	56071.71929	56023.27734	504870.7	5409911.3
L4870.0	0.0	0.0	43057.30078	419.28	0	48.842150	-86.933618	56045.88	56236.6	13.39	56059.27	56058.72656	56076.07365	56027.47266	504870.7	5409910.7
L4870.0	0.0	0.0	43057.39844	422.54	0	48.842146	-86.933618	56046.16	56236.6	13.39	56059.55	56059.18750	56077.85924	56029.08203	504870.7	5409910.3
L4870.0	0.0	0.0	43057.50000	420.74	0	48.842146	-86.933618	56046.36	56236.6	13.40	56059.75	56059.56641	56077.80449	56028.82813	504870.7	5409910.3
L4870.0	0.0	0.0	43057.60156	418.32	0	48.842142	-86.933618	56046.58	56236.6	13.40	56059.98	56059.97266	56078.58692	56029.39063	504870.7	5409909.8
L4870.0	0.0	0.0	43057.69922	413.77	0	48.842142	-86.933618	56046.71	56236.6	13.40	56060.10	56060.26563	56076.79314	56027.35156	504870.7	5409909.8
L4870.0	0.0	0.0	43057.80078	410.47	0	48.842132	-86.933618	56046.89	56236.6	13.40	56060.29	56060.62109	56076.80612	56027.10156	504870.7	5409908.8
L4870.0	0.0	0.0	43057.89844	408.15	0	48.842132	-86.933618	56047.19	56236.6	13.40	56060.59	56061.08594	56079.59794	56029.60547	504870.7	5409908.8
L4870.0	0.0	0.0	43057.89844	408.15	0	48.842128	-86.933618	56047.55	56236.6	13.40	56060.95	56061.60938	56083.94796	56033.64453	504870.7	5409908.3
L4870.0	0.0	0.0	43058.00000	409.36	0	48.842128	-86.933618	56048.07	56236.6	13.40	56061.47	56062.28516	56092.29011	56041.65234	504870.7	5409908.3
L4870.0	0.0	0.0	43058.19922	411.84	0	48.842123	-86.933618	56048.18	56236.6	13.41	56061.59	56062.55859	56090.97837	56039.98047	504870.7	5409907.7
L4870.0	0.0	0.0	43058.30078	414.61	0	48.842119	-86.933618	56047.95	56236.6	13.41	56061.35	56062.46875	56080.98494	56029.60547	504870.7	5409907.3
L4870.0	0.0	0.0	43058.39844	417.34	0	48.842115	-86.933618	56048.15	56236.6	13.41	56061.56	56062.82422	56082.04208	56030.25781	504870.7	5409906.8
L4870.0	0.0	0.0	43058.50000	419.84	0	48.842115	-86.933618	56048.03	56236.6	13.42	56061.44	56062.84766	56075.14391	56022.92969	504870.7	5409906.8
L4870.0	0.0	0.0	43058.60156	421.52	0	48.842111	-86.933618	56048.13	56236.6	13.42	56061.54	56063.08984	56073.68828	56021.01953	504870.7	5409906.4
L4870.0	0.0	0.0	43058.69922	422.05	0	48.842107	-86.933618	56048.33	56236.6	13.42	56061.75	56063.43359	56074.99311	56021.84375	504870.7	5409905.9
L4870.0	0.0	0.0	43058.80078	422.73	0	48.842103	-86.933618	56048.61	56236.6	13.42	56062.03	56063.84766	56078.08184	56024.42969	504870.6	5409905.5
L4870.0	0.0	0.0	43058.89844	422.36	0	48.842103	-86.933618	56048.78	56236.6	13.43	56062.21	56064.15234	56078.81078	56024.62891	504870.6	5409905.5
L4870.0	0.0	0.0	43059.00000	419.43	0	48.842097	-86.933619	56049.29	56236.6	13.43	56062.72	56064.78906	56087.65447	56032.91797	504870.6	5409904.9
L4870.0	0.0	0.0	43059.10156	418.81	0	48.842095	-86.933619	56049.54	56236.6	13.43	56062.97	56065.16016	56090.23668	56034.92188	504870.6	5409904.6
L4870.0	0.0	0.0	43059.19922	411.85	0	48.842095	-86.933619	56049.57	56236.6	13.43	56063.00	56065.30859	56087.53039	56031.60938	504870.6	5409904.6
L4870.0	0.0	0.0	43059.30078	406.54	0	48.842092	-86.933619	56049.69	56236.6	13.43	56063.12	56065.54297	56087.08686	56030.53516	504870.6	5409904.2
L4870.0	0.0	0.0	43059.39844	405.06	0	48.842089	-86.933619	56049.70	56236.6	13.43	56063.13	56065.66406	56084.03204	56026.82422	504870.6	5409903.9
L4870.0	0.0	0.0	43059.50000	406.09	0	48.842087	-86.933619	56049.94	56236.6	13.43	56063.37	56066.01172	56086.64838	56028.76172	504870.6	5409903.7
L4870.0	0.0	0.0	43059.60156	408.91	0	48.842087	-86.933619	56050.05	56236.6	13.43	56063.48	56066.22656	56086.16393	56027.57031	504870.6	5409903.7
L4870.0	0.0	0.0	43059.69922	412.15	0	48.842083	-86.933619	56050.30	56236.6	13.43	56063.73	56066.57422	56089.15595	56029.82813	504870.6	5409903.3
L4870.0	0.0	0.0	43059.80078	414.66	0	48.842083	-86.933619	56050.51	56236.6	13.43	56063.94	56066.88281	56091.23825	56031.15234	504870.6	5409903.3
L4870.0	0.0	0.0	43059.89844	416.15	0	48.842079	-86.933620	56050.50	56236.6	13.43	56063.93	56066.96484	56088.02476	56027.15625	504870.6	5409902.9
L4870.0	0.0	0.0	43059.89844	416.15	0	48.842077	-86.933620	56050.36	56236.6	13.43	56063.79	56066.91797	56081.70779	56020.03125	504870.5	5409902.6
L4870.0	0.0	0.0	43060.10156	420.16	0	48.842077	-86.933620	56050.40	56236.6	13.43	56063.83	56067.04297	56079.83978	56017.32813	504870.5	5409902.6
L4870.0	0.0	0.0	43060.19922	422.03	0	48.842075	-86.933621	56050.66	56236.6	13.44	56064.09	56067.38672	56083.39517	56020.02734	504870.5	5409902.4
L4870.0	0.0	0.0	43060.30078	422.03	0	48.842073	-86.933621	56050.38	56236.6	13.44	56063.82	56067.19922	56074.10128	56009.84766	504870.4	5409902.1
L4870.0	0.0	0.0	43060.39844	419.18	0	48.842071	-86.933622	56050.63	56236.6	13.44	56064.07	56067.52734	56077.54016	56012.37500	504870.4	5409901.9
L4870.0	0.0	0.0	43060.50000	410.59	0	48.842071	-86.933622	56050.50	56236.6	13.44	56063.95	56067.48047	56072.02858	56005.92969	504870.4	5409901.9
L4870.0	0.0	0.0	43060.60156	405.39	0	48.842069	-86.933622	56050.76	56236.6	13.45	56064.21	56067.81250	56075.83983	56008.78125	504870.4	5409901.7
L4870.0	0.0	0.0	43060.69922	403.29	0	48.842068	-86.933623	56050.31	56236.5	13.45	56063.76	56067.42969	56062.41830	55994.37500	504870.3	5409901.6
L4870.0	0.0	0.0	43060.80078	404.87	0	48.842068	-86.933623	56049.97	56236.5	13.45	56063.42	56067.15625	56051.74309	55982.69141	504870.3	5409901.6
L4870.0	0.0	0.0	43060.89844	406.53	0	48.842066	-86.933623	56050.25	56236.5	13.46	56063.71	56067.50781	56056.48436	55986.40234	504870.3	5409901.4
L4870.0	0.0	0.0	43061.00000	410.04	0	48.842065	-86.933623	56050.81	56236.5	13.46	56064.27	56068.12500	56067.87248	55996.73438	504870.3	5409901.3
L4870.0	0.0	0.0	43061.10156	411.89	0	48.842064	-86.933624	56050.93	56236.5	13.46	56064.39	56068.30078	56068.61069	55996.39063	504870.3	5409901.2
L4870.0	0.0	0.0	43061.19922	415.70	0	48.842064	-86.933624	56051.46	56236.5	13.46	56064.92	56068.88672	56079.40967	56006.08594	504870.3	5409901.2
L4870.0	0.0	0.0	43061.30078	419.10	0	48.842063	-86.933624	56052.00	56236.5	13.46	56065.45	56069.46875	56090.28210	56015.83203	504870.2	5409901.1
L4870.0	0.0	0.0	43061.39844	421.08	0	48.842063	-86.933624	56052.23	56236.5	13.46	56065.68	56069.74609	56093.92080	56018.32031	504870.2	5409901.0
L4870.0	0.0	0.0	43061.50000	418.63	0	48.842063	-86.933624	56051.21	56236.5	13.45	56064.67	56068.78125	56067.42603	55990.65234	504870.2	5409901.0

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4870.0	0.0	0.0	43061.60156	416.32	0	48.842063	-86.933624	56050.40	56236.5	13.45	56063.85	56068.00391	56045.64000	55967.67188	504870.2	5409901.0
L4870.0	0.0	0.0	43061.69922	413.38	0	48.842063	-86.933624	56050.18	56236.5	13.45	56063.63	56067.82422	56038.55416	55959.37109	504870.2	5409901.0
L4870.0	0.0	0.0	43061.80078	410.57	0	48.842063	-86.933624	56049.82	56236.5	13.45	56063.28	56067.51172	56028.38558	55947.96094	504870.2	5409901.0
L4870.0	0.0	0.0	43061.89844	411.52	0	48.842063	-86.933624	56050.15	56236.5	13.45	56063.60	56067.86719	56034.62779	55952.94531	504870.2	5409901.0
L4870.0	0.0	0.0	43061.89844	411.52	0	48.842063	-86.933624	56049.65	56236.5	13.45	56063.10	56067.39844	56020.98176	55938.01953	504870.3	5409901.1
L4870.0	0.0	0.0	43062.10156	416.39	0	48.842063	-86.933624	56050.13	56236.5	13.45	56063.58	56067.91016	56031.30489	55947.04688	504870.3	5409901.1
L4870.0	0.0	0.0	43062.19922	419.17	0	48.842063	-86.933624	56050.03	56236.5	13.45	56063.48	56067.83984	56027.59292	55942.01172	504870.3	5409901.0
L4870.0	0.0	0.0	43062.30078	421.95	0	48.842062	-86.933624	56050.07	56236.5	13.46	56063.53	56067.91406	56027.63439	55940.71484	504870.3	5409901.0
L4870.0	0.0	0.0	43062.39844	425.06	0	48.842062	-86.933624	56050.89	56236.5	13.46	56064.35	56068.75781	56046.53794	55958.26172	504870.3	5409901.0
L4870.0	0.0	0.0	43062.50000	427.64	0	48.842062	-86.933624	56051.04	56236.5	13.46	56064.50	56068.92969	56049.22321	55959.57031	504870.3	5409900.9
L4870.0	0.0	0.0	43062.60156	429.37	0	48.842061	-86.933624	56051.04	56236.5	13.46	56064.50	56068.95313	56048.36265	55957.31641	504870.3	5409900.9
L4870.0	0.0	0.0	43062.69922	428.95	0	48.842061	-86.933624	56050.88	56236.5	13.46	56064.35	56068.82031	56043.95967	55951.50391	504870.3	5409900.9
L4870.0	0.0	0.0	43062.80078	423.93	0	48.842060	-86.933624	56051.16	56236.5	13.47	56064.63	56069.11719	56050.14862	55956.26563	504870.2	5409900.7
L4870.0	0.0	0.0	43062.89844	414.23	0	48.842059	-86.933624	56050.98	56236.5	13.47	56064.45	56068.94922	56045.24940	55949.92188	504870.2	5409900.6
L4870.0	0.0	0.0	43063.00000	408.23	0	48.842057	-86.933625	56051.54	56236.5	13.47	56065.01	56069.52344	56058.50190	55961.71484	504870.2	5409900.4
L4870.0	0.0	0.0	43063.10156	406.42	0	48.842057	-86.933625	56051.54	56236.5	13.47	56065.01	56069.53516	56058.23697	55959.97656	504870.2	5409900.4
L4870.0	0.0	0.0	43063.19922	407.39	0	48.842056	-86.933625	56051.64	56236.5	13.47	56065.12	56069.65234	56060.78181	55961.03125	504870.1	5409900.3
L4870.0	0.0	0.0	43063.30078	409.35	0	48.842056	-86.933625	56051.74	56236.5	13.47	56065.21	56069.75000	56062.97272	55961.71875	504870.1	5409900.3
L4870.0	0.0	0.0	43063.39844	413.68	0	48.842054	-86.933626	56052.18	56236.5	13.47	56065.65	56070.19922	56073.82782	55971.05859	504870.1	5409900.1
L4870.0	0.0	0.0	43063.50000	416.94	0	48.842053	-86.933626	56051.70	56236.5	13.48	56065.17	56069.72266	56062.40883	55958.10938	504870.1	5409899.9
L4870.0	0.0	0.0	43063.60156	422.17	0	48.842050	-86.933627	56051.46	56236.5	13.48	56064.94	56069.49609	56057.22469	55951.38672	504870.0	5409899.6
L4870.0	0.0	0.0	43063.69922	423.35	0	48.842050	-86.933627	56051.87	56236.5	13.48	56065.35	56069.91016	56067.78068	55960.39063	504870.0	5409899.6
L4870.0	0.0	0.0	43063.80078	423.55	0	48.842048	-86.933628	56052.17	56236.5	13.48	56065.65	56070.21094	56075.80746	55966.85547	504869.9	5409899.4
L4870.0	0.0	0.0	43063.89844	423.44	0	48.842046	-86.933629	56052.48	56236.5	13.48	56065.96	56070.52344	56084.23201	55973.70703	504869.9	5409899.1
L4870.0	0.0	0.0	43063.89844	423.44	0	48.842043	-86.933630	56052.31	56236.5	13.48	56065.78	56070.33984	56080.87575	55968.76953	504869.8	5409898.9
L4870.0	0.0	0.0	43064.10156	420.41	0	48.842041	-86.933631	56052.78	56236.5	13.48	56066.26	56070.82031	56093.76000	55980.06250	504869.8	5409898.6
L4870.0	0.0	0.0	43064.19922	408.38	0	48.842041	-86.933631	56052.73	56236.5	13.48	56066.21	56070.76953	56093.89509	55978.59766	504869.8	5409898.6
L4870.0	0.0	0.0	43064.30078	400.10	0	48.842038	-86.933632	56053.06	56236.5	13.48	56066.54	56071.09375	56103.45485	55986.55469	504869.7	5409898.3
L4870.0	0.0	0.0	43064.39844	400.94	0	48.842038	-86.933632	56053.37	56236.5	13.48	56066.85	56071.40234	56112.69663	55994.18359	504869.7	5409898.3
L4870.0	0.0	0.0	43064.50000	399.39	0	48.842035	-86.933633	56053.36	56236.5	13.48	56066.84	56071.38672	56114.31400	55994.18359	504869.6	5409897.9
L4870.0	0.0	0.0	43064.60156	401.03	0	48.842032	-86.933634	56053.66	56236.5	13.48	56067.14	56071.67969	56123.65858	56001.90625	504869.5	5409897.6
L4870.0	0.0	0.0	43064.69922	401.95	0	48.842032	-86.933634	56053.74	56236.5	13.48	56067.22	56071.75781	56127.82000	56004.43750	504869.5	5409897.6
L4870.0	0.0	0.0	43064.80078	402.44	0	48.842029	-86.933636	56054.15	56236.5	13.48	56067.63	56072.16016	56140.20045	56015.18750	504869.4	5409897.2
L4870.0	0.0	0.0	43064.89844	406.12	0	48.842025	-86.933638	56054.08	56236.5	13.48	56067.56	56072.08594	56141.06742	56014.42188	504869.2	5409896.8
L4870.0	0.0	0.0	43065.00000	403.01	0	48.842021	-86.933639	56054.68	56236.5	13.48	56068.16	56072.67969	56158.44092	56030.16016	504869.1	5409896.4
L4870.0	0.0	0.0	43065.10156	406.71	0	48.842021	-86.933639	56054.73	56236.5	13.48	56068.21	56072.72266	56162.59898	56032.67969	504869.1	5409896.4
L4870.0	0.0	0.0	43065.19922	409.09	0	48.842018	-86.933640	56055.04	56236.5	13.48	56068.52	56073.02344	56173.27757	56041.71875	504869.0	5409896.0
L4875.0	0.0	0.0	27555.80078	384.83	0	48.849396	-86.933533	56441.37	56229.3	20.71	56462.08	56467.74609	56528.08373	56504.84375	504876.2	5410716.1
L4875.0	0.0	0.0	27555.90039	381.13	0	48.849396	-86.933533	56440.78	56229.3	20.71	56461.49	56467.32031	56527.03382	56504.59766	504876.2	5410716.1
L4875.0	0.0	0.0	27556.00000	379.62	0	48.849393	-86.933532	56440.40	56229.3	20.71	56461.11	56467.10938	56531.31175	56509.67578	504876.2	5410715.8
L4875.0	0.0	0.0	27556.09961	380.33	0	48.849390	-86.933533	56439.89	56229.3	20.71	56460.59	56466.75391	56532.53172	56511.69922	504876.2	5410715.6
L4875.0	0.0	0.0	27556.19922	383.95	0	48.849390	-86.933533	56439.13	56229.3	20.70	56459.83	56466.16016	56528.29951	56508.26953	504876.2	5410715.6
L4875.0	0.0	0.0	27556.30078	386.67	0	48.849388	-86.933533	56438.84	56229.3	20.70	56459.54	56466.03516	56535.63452	56516.40625	504876.2	5410715.3
L4875.0	0.0	0.0	27556.40039	385.43	0	48.849386	-86.933534	56437.90	56229.3	20.69	56458.59	56465.25000	56527.45439	56509.02344	504876.2	5410715.1
L4875.0	0.0	0.0	27556.50000	385.75	0	48.849386	-86.933534	56437.00	56229.3	20.69	56457.69	56464.51563	56520.77752	56503.14453	504876.2	5410715.1
L4875.0	0.0	0.0	27556.59961	386.40	0	48.849382	-86.933535	56435.86	56229.3	20.69	56456.54	56463.53125	56508.41400	56491.57813	504876.1	5410714.7
L4875.0	0.0	0.0	27556.69922	386.59	0	48.849380	-86.933536	56434.76	56229.3	20.68	56455.44	56462.59375	56497.55424	56481.51172	504876.0	5410714.4
L4875.0	0.0	0.0	27556.80078	386.32	0	48.849380	-86.933536	56433.89	56229.3	20.68	56454.57	56461.88672	56492.51191	56477.25781	504876.0	5410714.4
L4875.0	0.0	0.0	27556.90039	386.06	0	48.849377	-86.933537	56432.87	56229.3	20.67	56453.54	56461.01953	56483.93833	56469.47266	504875.9	5410714.0
L4875.0	0.0	0.0	27557.00000	386.92	0	48.849373	-86.933539	56432.16	56229.3	20.67	56452.83	56460.47266	56483.33648	56469.65625	504875.8	5410713.6
L4875.0	0.0	0.0	27557.09961	387.24	0	48.849370	-86.933540	56431.49	56229.3	20.67	56452.16	56459.96484	56483.99303	56471.09766	504875.7	5410713.4
L4875.0	0.0	0.0	27557.19922	385.69	0	48.849370	-86.933540	56431.19	56229.3	20.67	56451.86	56459.82422	56493.81459	56481.69531	504875.7	5410713.4
L4875.0	0.0	0.0	27557.30078	384.32	0	48.849366	-86.933542	56430.57	56229.3	20.67	56451.25	56459.37109	56496.49943	56485.15625	504875.5	5410712.9
L4875.0	0.0	0.0	27557.40039	386.03	0	48.849362	-86.933544	56430.34	56229.3	20.67	56451.02	56459.30078	56508.58152	56498.00781	504875.4	5410712.5
L4875.0	0.0	0.0	27557.50000	385.77	0	48.849359	-86.933546	56429.63	56229.3	20.67	56450.31	56458.74609	56509.44372	56499.63672	504875.3	5410712.0
L4875.0	0.0	0.0	27557.59961	385.19	0	48.849359	-86.933546	56428.71	56229.3	20.68	56449.39	56457.98438	56505.55223	56496.51172	504875.3	5410712.0
L4875.0	0.0	0.0	27557.69922	384.88	0	48.849354	-86.933547	56427.84	56229.3	20.68	56448.52	56457.26563	56503.13299	56494.84766	504875.2	5410711.6
L4875.0	0.0	0.0	27557.80078	385.09	0	48.849354	-86.933547	56426.90	56229.3	20.68	56447.58	56456.48047	56499.30351	56491.77344	504875.2	5410711.6
L4875.0	0.0	0.0	27557.90039	385.41	0	48.849349	-86.933549	56425.98	56229.3	20.68	56446.66	56455.71094	56496.21402	56489.42969	504875.0	5410711.0
L4875.0	0.0	0.0	27558.00000	383.66	0	48.849345	-86.933550	56424.98	56229.3	20.68	56445.66	56454.86328	56491.46025	56485.41797	504875.0	5410710.6
L4875.0	0.0	0.0	27558.09961	382.65	0	48.849342	-86.933551	56424.50	56229.3	20.68	56445.18	56454.53125	56499.41504	56494.11328	504874.9	5410710.1
L4875.0	0.0	0.0	27558.19922	381.27	0	48.849342	-86.933551	56423.53	56229.3	20.68	56444.21	56453.70703	56495.86209	56491.28906	504874.9	5410710.1
L4875.0	0.0	0.0	27558.30078	381.76	0	48.849337	-86.933551	56422.71	56229.3	20.67	56443.39	56453.03516	56496.13188	56492.28516	504874.9	5410709.6
L4875.0	0.0	0.0	27558.40039	381.70	0	48.849331	-86.933551	56421.67	56229.3	20.67	56442.34	56452.12891	56491.10696	56487.97656	504874.9	5410709.0
L4875.0	0.0	0.0	27558.50000	382.88	0	48.849331	-86.933551	56420.55	56229.3	20.67	56441.22	56451.14844	56484.61211	56482.19531	504874.9	5410709.0
L4875.0	0.0	0.0	27558.59961	383.12	0	48.849327	-86.933551	56419.09	56229.3	20.67	56439.75	56449.82031	56469.92571	56468.21484	504874.9	5410708.6
L4875.0	0.0	0.0	27558.69922	384.69	0	48.849324	-86.933551	56417.84	56229.3	20.67	56438.51	56448.71875	56460.93817	56459.92578	504874.9	5410708.2
L4875.0	0.0	0.0	27558.80078	385.56	0	48.849324	-86.933551	56416.79	56229.3	20.66	56437.46	56447.80469	56456.67928	56456.35938	504874.9	5410708.2
L4875.0	0.0	0.0	27558.90039	383.60	0	48.849319	-86.933551	56415.62	56229.3	20.66	56436.28	56446.76172	56449.46732	56449.82813	504874.9	5410707.7
L4875.0	0.0	0.0	27559.00000	384.86	0	48.849310	-86.933550	56414.68	56229.3	20.66	56435.34	56445.95313	56448.15813	56449.19922	504875.0	5410706.6
L4875.0	0.0	0.0	27559.09961	383.77	0	48.849310	-86.933550	56413.61	56229.3	20.66	56434.26	56445.00391	56443.63112	56445.33984	504875.0	5410706.6
L4875.0	0.0	0.0	27559.19922	382.21	0	48.849305	-86.933549	56413.32	56229.3	20.66	56433.98	56444.85547	56458.40318	56460.77344	504875.0	5410706.1
L4875.0	0.0	0.0	27559.30078	383.01	0	48.849305	-86.933549	56411.82	56229.3	20.66	56432.48	56443.48047	56444.04538	56447.07031	504875.0	5410706.1
L4875.0	0.0	0.0	27559.40039	384.49	0	48.849299	-86.933549	56410.74	56229.3	20.66	56431.40	56442.52344	56439.85159	56443.51953	504875.1	5410705.4
L4875.0	0.0	0.0	27559.50000	385.67	0	48.849293	-86.933548	56409.09	56229.3	20.66	56429.74	56440.98828	56421.83972	56426.14453	504875.1	5410704.7
L4875.0	0.0	0.0	27559.59961	387.10	0	48.849287	-86.933548	56408.02	56229.3	20.65	56428.67	56440.03516	56418.03808	56422.97266	504875.1	5410704.1
L4875.0	0.0	0.0	27559.69922	389.96	0	48.849281	-86.933547	56406.99	56229.3	20.65	56427.65	56439.13281	56415.48938	56421.04297	504875.2	5410703.4
L4875.0	0.0	0.0	27559.80078	388.36	0	48.849281	-86.933547	56406.56	56229.3	20.65	56427.21	56438.80859	56426.88194	56433.04297	504875.2	5410703.4
L4875.0	0.0	0.0	27559.90039	388.49	0	48.849272	-86.933547	56406.18	56229.3	20.65	56426.83	56438.54297	56439.73744	56446.50000	504875.2	5410702.5
L4875.0	0.0	0.0	27560.00000	385.06	0	48.849267	-86.933547	56404.90	56229.3	20.65	56425.55	56437.37109	56431.03145	56438.38672	504875.2	5410701.8
L4875.0	0.0	0.0	27560.09961	386.44	0	48.849267	-86.933547	56403.73	56229.4	20.65	56424.38	56436.31250	56424.95651	56432.89453	504875.2	5410701.8
L4875.0	0.0	0.0	27560.19922	387.21	0	48.849260	-86.933547	56401.86	56229.4	20.65	56422.51	56434.54688	56402.08318	56410.59375	504875.2	5410701.1
L4875.0	0.0	0.0	27560.30078	386.45	0	48.849253	-86.933547	56401.10	56229.4	20.65	56421.74	56433.87891	56405.53861	56414.60938	504875.2	5410700.3
L4875.0	0.0	0.0	27560.40039	385.69	0	48.849253	-86.933547	56399.88	56229.4	20.65	56420.52	56432.75781	56398.15692	56407.78125	504875.2	5410700.3
L4875.0	0.0	0.0	27560.50000	386.99	0	48.849238	-86.933547	56399.14	56229.4	20.65	56419.78	56432.11719	56402.21299	56412.38281	504875.2	5410698.6
L4875.0	0.0	0.0	27560.59961	386.31	0	48.849238	-86.933547	56398.06	56229.4	20.64	56418.70	56431.13281	56398.03764	56408.74219	504875.2	5410698.6
L4875.0	0.0	0.0	27560.69922	387.82	0	48.849238	-86.933547	56397.14	56229.4	20.64	56417.79	56430.31641	56397.83927	56409.06641	504875.2	5410698.6
L4875.0	0.0	0.0	27560.80078	388.33	0	48.849227	-86.933546	56396.22	56229.4	20.64	56416.86	56429.47656	56397.04871	56408.78906	504875.2	5410697.4
L4875.0	0.0	0.0	27560.90039	389.07	0	48.849227	-86.933546	56395.02	56229.4	20.64	56415.66	56428.36328	56389.65883	56401.90234	504875.2	5410697.4
L4875.0	0.0	0.0	27561.00000	389.43	0	48.849213	-86.933546	56394.21	56229.4	20.64	56414.85	56427.63672	56391.47358	56404.20703	504875.3	5410695.8
L4875.0	0.0	0.0	27561.09961	388.55	0	48.849213	-86.933546	56392.78	56229.4	20.64	56413.42	56426.28906	56378.27041	56391.48828	504875.3	5410695.8
L4875.0	0.0	0.0	27561.19922	386.16	0	48.849205	-86.933546	56391.96	56229.4	20.64	56412.60	56425.54688	56379.51546	56393.20703	504875.3	5410695.0
L4875.0	0.0	0.0	27561.30078	385.04	0	48.849205	-86.933546	56390.56	56229.4	20.64	56411.20	56424.22656	56366.67235	56380.82031	504875.3	5410695.0

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4875.0	0.0	0.0	27561.40039	384.65	0	48.849193	-86.933546	56389.66	56229.4	20.64	56410.30	56423.39844	56365.61248	56380.21094	504875.3	5410693.7
L4875.0	0.0	0.0	27561.50000	387.10	0	48.849185	-86.933545	56388.54	56229.4	20.63	56409.18	56422.35156	56359.06502	56374.10156	504875.3	5410692.7
L4875.0	0.0	0.0	27561.59961	388.16	0	48.849177	-86.933545	56387.50	56229.4	20.63	56408.13	56421.36719	56353.96719	56369.43359	504875.4	5410691.9
L4875.0	0.0	0.0	27561.69922	388.55	0	48.849177	-86.933545	56386.83	56229.4	20.63	56407.46	56420.76563	56357.73589	56373.62109	504875.4	5410691.9
L4875.0	0.0	0.0	27561.80078	388.46	0	48.849169	-86.933544	56385.53	56229.4	20.63	56406.16	56419.52734	56346.15055	56362.44141	504875.4	5410690.9
L4875.0	0.0	0.0	27561.90039	390.00	0	48.849160	-86.933544	56384.79	56229.4	20.63	56405.42	56418.84766	56347.72070	56364.40625	504875.4	5410690.0
L4875.0	0.0	0.0	27562.00000	388.60	0	48.849160	-86.933544	56383.48	56229.4	20.63	56404.11	56417.59375	56335.35039	56352.42188	504875.4	5410690.0
L4875.0	0.0	0.0	27562.09961	389.25	0	48.849148	-86.933543	56382.70	56229.4	20.63	56403.33	56416.86719	56335.39284	56352.83984	504875.5	5410688.7
L4875.0	0.0	0.0	27562.19922	388.31	0	48.849141	-86.933543	56381.70	56229.4	20.63	56402.33	56415.91797	56329.86082	56347.67188	504875.5	5410687.9
L4875.0	0.0	0.0	27562.30078	386.46	0	48.849133	-86.933542	56381.27	56229.4	20.63	56401.90	56415.53906	56337.67836	56355.83984	504875.6	5410686.9
L4875.0	0.0	0.0	27562.40039	385.86	0	48.849133	-86.933542	56380.66	56229.4	20.63	56401.28	56414.96484	56340.61948	56359.12109	504875.6	5410686.9
L4875.0	0.0	0.0	27562.50000	383.69	0	48.849124	-86.933541	56379.82	56229.4	20.63	56400.44	56414.16797	56337.95537	56356.78516	504875.6	5410685.9
L4875.0	0.0	0.0	27562.59961	384.74	0	48.849124	-86.933541	56379.05	56229.4	20.62	56399.67	56413.43750	56336.62750	56355.77734	504875.6	5410685.9
L4875.0	0.0	0.0	27562.69922	385.43	0	48.849114	-86.933540	56378.06	56229.4	20.62	56398.68	56412.48828	56329.67640	56349.13281	504875.7	5410684.9
L4875.0	0.0	0.0	27562.80078	385.29	0	48.849104	-86.933539	56377.57	56229.4	20.62	56398.19	56412.03125	56334.35086	56354.10547	504875.8	5410683.8
L4875.0	0.0	0.0	27562.90039	384.51	0	48.849104	-86.933539	56376.62	56229.4	20.62	56397.24	56411.11719	56327.63388	56347.67188	504875.8	5410683.8
L4875.0	0.0	0.0	27563.00000	384.02	0	48.849093	-86.933538	56376.42	56229.4	20.62	56397.04	56410.94531	56338.51969	56358.83203	504875.8	5410682.5
L4875.0	0.0	0.0	27563.09961	384.06	0	48.849084	-86.933537	56375.50	56229.4	20.62	56396.12	56410.05469	56331.76868	56352.34766	504875.9	5410681.5
L4875.0	0.0	0.0	27563.19922	384.05	0	48.849073	-86.933536	56374.89	56229.4	20.62	56395.51	56409.46875	56332.06196	56352.89453	504876.0	5410680.3
L4875.0	0.0	0.0	27563.30078	381.86	0	48.849073	-86.933536	56374.00	56229.4	20.62	56394.61	56408.58984	56325.01329	56346.08594	504876.0	5410680.3
L4875.0	0.0	0.0	27563.40039	381.67	0	48.849064	-86.933535	56372.90	56229.4	20.62	56393.51	56407.51172	56312.77492	56334.07813	504876.1	5410679.2
L4875.0	0.0	0.0	27563.50000	381.46	0	48.849054	-86.933534	56372.41	56229.4	20.62	56393.03	56407.04688	56314.99641	56336.51953	504876.1	5410678.2
L4875.0	0.0	0.0	27563.59961	382.26	0	48.849054	-86.933534	56371.88	56229.4	20.61	56392.49	56406.52344	56315.37577	56337.10938	504876.1	5410678.2
L4875.0	0.0	0.0	27563.69922	383.93	0	48.849045	-86.933534	56372.01	56229.4	20.61	56392.62	56406.66406	56331.40658	56353.33984	504876.2	5410677.2
L4875.0	0.0	0.0	27563.80078	387.59	0	48.849045	-86.933534	56370.95	56229.4	20.61	56391.57	56405.62500	56318.74537	56340.86719	504876.2	5410677.2
L4875.0	0.0	0.0	27563.90039	386.75	0	48.849025	-86.933533	56370.53	56229.4	20.61	56391.14	56405.20313	56320.53269	56342.83203	504876.3	5410675.0
L4875.0	0.0	0.0	27564.00000	385.84	0	48.849025	-86.933533	56369.66	56229.4	20.61	56390.27	56404.33984	56311.36099	56333.82813	504876.3	5410675.0
L4875.0	0.0	0.0	27564.09961	384.68	0	48.849014	-86.933532	56369.13	56229.4	20.61	56389.73	56403.80078	56309.68483	56332.30859	504876.3	5410673.7
L4875.0	0.0	0.0	27564.19922	384.00	0	48.849014	-86.933532	56368.68	56229.4	20.60	56389.29	56403.36328	56309.99127	56332.76172	504876.3	5410673.7
L4875.0	0.0	0.0	27564.30078	382.88	0	48.849001	-86.933532	56368.51	56229.4	20.60	56389.11	56403.17969	56316.11547	56339.02344	504876.3	5410672.3
L4875.0	0.0	0.0	27564.40039	383.04	0	48.848989	-86.933532	56368.64	56229.4	20.59	56389.24	56403.30859	56329.25662	56352.28906	504876.3	5410671.0
L4875.0	0.0	0.0	27564.50000	383.73	0	48.848989	-86.933532	56368.07	56229.4	20.59	56388.66	56402.72266	56324.96863	56348.11719	504876.3	5410671.0
L4875.0	0.0	0.0	27564.59961	386.04	0	48.848979	-86.933532	56367.67	56229.4	20.59	56388.25	56402.30469	56324.34523	56347.60156	504876.3	5410669.9
L4875.0	0.0	0.0	27564.69922	386.11	0	48.848971	-86.933531	56367.08	56229.4	20.58	56387.66	56401.70313	56318.99995	56342.35547	504876.4	5410669.0
L4875.0	0.0	0.0	27564.80078	385.52	0	48.848960	-86.933531	56367.06	56229.4	20.58	56387.64	56401.67188	56326.91167	56350.35547	504876.4	5410667.7
L4875.0	0.0	0.0	27564.90039	387.59	0	48.848960	-86.933531	56366.85	56229.4	20.57	56387.42	56401.43750	56329.62829	56353.14844	504876.4	5410667.7
L4875.0	0.0	0.0	27565.00000	389.57	0	48.848949	-86.933531	56366.85	56229.4	20.57	56387.42	56401.42188	56337.22018	56360.80859	504876.4	5410666.6
L4875.0	0.0	0.0	27565.09961	387.98	0	48.848938	-86.933531	56366.65	56229.4	20.57	56387.22	56401.20703	56339.62497	56363.27344	504876.4	5410665.2
L4875.0	0.0	0.0	27565.19922	386.37	0	48.848928	-86.933531	56366.44	56229.4	20.58	56387.02	56400.98828	56341.64092	56365.33984	504876.4	5410664.1
L4875.0	0.0	0.0	27565.30078	387.21	0	48.848916	-86.933530	56366.16	56229.4	20.58	56386.74	56400.68750	56341.35564	56365.09375	504876.4	5410662.9
L4875.0	0.0	0.0	27565.40039	386.27	0	48.848916	-86.933530	56365.45	56229.4	20.59	56386.03	56399.95313	56330.38577	56354.15625	504876.4	5410662.9
L4875.0	0.0	0.0	27565.50000	387.27	0	48.848916	-86.933530	56365.29	56229.4	20.59	56385.88	56399.78125	56332.46552	56356.25781	504876.4	5410662.9
L4875.0	0.0	0.0	27565.59961	386.34	0	48.848904	-86.933530	56364.86	56229.4	20.59	56385.45	56399.32422	56327.46789	56351.27344	504876.5	5410661.5
L4875.0	0.0	0.0	27565.69922	388.40	0	48.848893	-86.933530	56364.73	56229.4	20.60	56385.33	56399.17969	56329.54058	56353.35547	504876.5	5410660.3
L4875.0	0.0	0.0	27565.80078	389.89	0	48.848893	-86.933530	56364.50	56229.4	20.60	56385.10	56398.92188	56328.62383	56352.43359	504876.5	5410660.3
L4875.0	0.0	0.0	27565.90039	389.58	0	48.848882	-86.933530	56364.63	56229.4	20.61	56385.24	56399.03125	56336.22946	56360.02734	504876.5	5410659.1
L4875.0	0.0	0.0	27566.00000	388.25	0	48.848872	-86.933530	56364.58	56229.4	20.61	56385.19	56398.94922	56338.94276	56362.72266	504876.4	5410658.0
L4875.0	0.0	0.0	27566.09961	386.87	0	48.848858	-86.933530	56364.32	56229.4	20.61	56384.93	56398.66016	56336.29205	56360.04688	504876.4	5410656.3
L4875.0	0.0	0.0	27566.19922	387.03	0	48.848858	-86.933530	56364.29	56229.4	20.60	56384.90	56398.59766	56338.83118	56362.55469	504876.4	5410656.3
L4875.0	0.0	0.0	27566.30078	383.93	0	48.848847	-86.933531	56364.04	56229.4	20.60	56384.64	56398.30078	56335.54298	56359.22266	504876.4	5410655.2
L4875.0	0.0	0.0	27566.40039	384.83	0	48.848836	-86.933531	56364.29	56229.4	20.60	56384.89	56398.51563	56344.17212	56367.80078	504876.4	5410653.9
L4875.0	0.0	0.0	27566.50000	384.68	0	48.848836	-86.933531	56363.74	56229.4	20.60	56384.33	56397.92188	56333.08927	56356.66406	504876.4	5410653.9
L4875.0	0.0	0.0	27566.59961	385.96	0	48.848823	-86.933531	56364.24	56229.4	20.59	56384.83	56398.38672	56347.12336	56370.63281	504876.4	5410652.5
L4875.0	0.0	0.0	27566.69922	386.46	0	48.848812	-86.933531	56364.17	56229.4	20.59	56384.76	56398.27734	56347.21522	56370.65625	504876.4	5410651.3
L4875.0	0.0	0.0	27566.80078	386.12	0	48.848812	-86.933531	56364.50	56229.4	20.59	56385.09	56398.57031	56356.62279	56379.98828	504876.4	5410651.3
L4875.0	0.0	0.0	27566.90039	386.58	0	48.848802	-86.933531	56364.40	56229.4	20.58	56384.98	56398.42188	56355.22188	56378.50391	504876.4	5410650.2
L4875.0	0.0	0.0	27567.00000	385.73	0	48.848802	-86.933531	56364.58	56229.4	20.58	56385.16	56398.56250	56360.51826	56383.71094	504876.4	5410650.2
L4875.0	0.0	0.0	27567.09961	384.41	0	48.848788	-86.933531	56364.75	56229.4	20.58	56385.33	56398.69531	56365.33064	56388.42578	504876.4	5410648.6
L4875.0	0.0	0.0	27567.19922	384.63	0	48.848777	-86.933530	56364.35	56229.4	20.58	56384.93	56398.25391	56356.24608	56379.24219	504876.5	5410647.4
L4875.0	0.0	0.0	27567.30078	385.70	0	48.848768	-86.933530	56364.78	56229.4	20.58	56385.36	56398.64453	56366.82905	56389.71875	504876.5	5410646.4
L4875.0	0.0	0.0	27567.40039	385.74	0	48.848757	-86.933530	56364.50	56229.4	20.58	56385.07	56398.31250	56359.93825	56382.71484	504876.5	5410645.2
L4875.0	0.0	0.0	27567.50000	385.60	0	48.848757	-86.933530	56364.76	56229.4	20.57	56385.33	56398.53516	56366.02230	56388.67969	504876.5	5410645.2
L4875.0	0.0	0.0	27567.59961	387.14	0	48.848745	-86.933530	56364.27	56229.4	20.57	56384.84	56398.00391	56353.93187	56376.46875	504876.5	5410643.9
L4875.0	0.0	0.0	27567.69922	386.83	0	48.848745	-86.933530	56364.56	56229.4	20.57	56385.13	56398.25391	56360.34720	56382.75781	504876.5	5410643.9
L4875.0	0.0	0.0	27567.80078	388.59	0	48.848733	-86.933530	56364.63	56229.4	20.57	56385.20	56398.28125	56361.30928	56383.58984	504876.5	5410642.5
L4875.0	0.0	0.0	27567.90039	389.45	0	48.848722	-86.933530	56364.68	56229.4	20.57	56385.25	56398.29297	56361.62069	56383.76172	504876.5	5410641.3
L4875.0	0.0	0.0	27568.00000	387.54	0	48.848711	-86.933530	56364.89	56229.4	20.57	56385.46	56398.46484	56365.60456	56387.60547	504876.5	5410640.0
L4875.0	0.0	0.0	27568.09961	387.18	0	48.848697	-86.933530	56365.11	56229.4	20.57	56385.69	56398.65234	56369.91415	56391.76953	504876.5	5410638.5
L4875.0	0.0	0.0	27568.19922	385.64	0	48.848697	-86.933530	56365.57	56229.4	20.58	56386.15	56399.07422	56379.59140	56401.30078	504876.5	5410638.5
L4875.0	0.0	0.0	27568.30078	386.46	0	48.848681	-86.933530	56365.12	56229.4	20.58	56385.70	56398.58594	56367.32128	56388.87891	504876.5	5410636.7
L4875.0	0.0	0.0	27568.40039	387.36	0	48.848681	-86.933530	56365.39	56229.4	20.58	56385.98	56398.82813	56372.41981	56393.82422	504876.5	5410636.7
L4875.0	0.0	0.0	27568.50000	388.55	0	48.848670	-86.933530	56365.06	56229.4	20.58	56385.65	56398.46094	56362.77805	56384.02344	504876.5	5410635.5
L4875.0	0.0	0.0	27568.59961	388.63	0	48.848658	-86.933530	56365.83	56229.4	20.59	56386.42	56399.19531	56379.38949	56400.47266	504876.5	5410634.1
L4875.0	0.0	0.0	27568.69922	388.95	0	48.848639	-86.933530	56365.54	56229.4	20.59	56386.13	56398.86719	56370.49104	56391.41406	504876.5	5410632.1
L4875.0	0.0	0.0	27568.80078	390.92	0	48.848639	-86.933530	56365.55	56229.4	20.59	56386.14	56398.84375	56368.68706	56389.44141	504876.5	5410632.1
L4875.0	0.0	0.0	27568.90039	387.37	0	48.848639	-86.933530	56365.52	56229.4	20.60	56386.12	56398.78906	56366.07567	56386.66406	504876.5	5410632.1
L4875.0	0.0	0.0	27569.00000	385.11	0	48.848627	-86.933530	56365.88	56229.4	20.60	56386.48	56399.11328	56372.49117	56392.90625	504876.5	5410630.7
L4875.0	0.0	0.0	27569.09961	383.32	0	48.848618	-86.933530	56366.06	56229.4	20.60	56386.66	56399.26172	56374.51868	56394.76172	504876.5	5410629.7
L4875.0	0.0	0.0	27569.19922	383.96	0	48.848618	-86.933530	56365.83	56229.4	20.61	56386.43	56399.00000	56366.65257	56386.72656	504876.5	5410629.7
L4875.0	0.0	0.0	27569.30078	384.30	0	48.848606	-86.933530	56366.49	56229.4	20.61	56387.10	56399.64063	56380.29781	56400.19531	504876.5	5410628.4
L4875.0	0.0	0.0	27569.40039	386.32	0	48.848594	-86.933530	56366.54	56229.4	20.61	56387.15	56399.66406	56379.02959	56398.75000	504876.5	5410627.0
L4875.0	0.0	0.0	27569.50000	387.04	0	48.848582	-86.933531	56367.46	56229.4	20.61	56388.07	56400.55469	56398.56674	56418.10938	504876.5	5410625.7
L4875.0	0.0	0.0	27569.59961	385.86	0	48.848568	-86.933531	56366.59	56229.4	20.62	56387.21	56399.66797	56375.40010	56394.76953	504876.4	5410624.2
L4875.0	0.0	0.0	27569.69922	385.86	0	48.848568	-86.933531	56366.63	56229.4	20.62	56387.25	56399.68359	56373.77010	56392.96094	504876.4	5410624.2
L4875.0	0.0	0.0	27569.80078	384.88	0	48.848557	-86.933531	56366.41	56229.4	20.62	56387.04	56399.45313	56366.11926	56385.13281	504876.4	5410623.0
L4875.0	0.0	0.0	27569.90039	383.42	0	48.848546	-86.933531	56367.11	56229.4	20.63	56387.73	56400.12109	56380.01647	56398.85156	504876.4	5410621.8
L4875.0	0.0	0.0	27570.00000	383.52	0	48.848546	-86.933531	56367.52	56229.4	20.63	56388.15	56400.51953	56387.42448	56406.08203	504876.4	5410621.8
L4875.0	0.0	0.0	27570.09961	384.36	0	48.848533	-86.933531	56367.52	56229.4	20.63	56388.14	56400.49219	56384.51359	56402.99609	504876.4	5410620.2
L4875.0	0.0	0.0	27570.19922	384.01	0	48.848519	-86.933531	56368.07	56229.4	20.62	56388.69	56401.02344	56395.01716	56413.32422	504876.4	5410618.7
L4875.0	0.0	0.0	27570.30078	384.85	0	48.848508	-86.933531	56367.74	56229.4	20.62	56388.36	56400.67969	56384.42598	56402.55859	504876.4	5410617.5
L4875.0	0.0	0.0	27570.40039	385.54	0	48.848508	-86.933531	56368.23	56229.4	20.62	56388.84	56401.14844	56393.25067	56411.20703	504876.4	5410617.5
L4875.0	0.0	0.0	27570.50000	385.38	0	48.848494	-86.933531	56367.66	56229.4	20.61	56388.28	56400.57422	56377.15472	56394.93750	504876.4	5410616.0
L4875.0	0.0	0.0	27570.59961	385.74	0	48.848481	-86.933531	56367.95	56229.4	20.61	56388.56	56400.84766	56381.20228	56398.81250	504876.4	5410614.5

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4875.0	0.0	0.0	27570.69922	384.52	0	48.848481	-86.933531	56368.00	56229.4	20.61	56388.60	56400.87891	56379.51188	56396.95313	504876.4	5410614.5
L4875.0	0.0	0.0	27570.80078	381.88	0	48.848468	-86.933531	56368.58	56229.4	20.61	56389.19	56401.46484	56391.02214	56408.29688	504876.4	5410613.1
L4875.0	0.0	0.0	27570.90039	383.02	0	48.848468	-86.933531	56368.84	56229.4	20.60	56389.44	56401.71094	56394.40515	56411.51172	504876.4	5410613.1
L4875.0	0.0	0.0	27571.00000	383.81	0	48.848457	-86.933531	56368.56	56229.4	20.60	56389.16	56401.42969	56385.11049	56402.05078	504876.4	5410611.9
L4875.0	0.0	0.0	27571.09961	384.74	0	48.848445	-86.933531	56368.79	56229.4	20.60	56389.39	56401.66016	56388.06829	56404.84766	504876.4	5410610.5
L4875.0	0.0	0.0	27571.19922	384.89	0	48.848437	-86.933531	56368.28	56229.4	20.60	56388.88	56401.15234	56373.32164	56389.94531	504876.4	5410609.6
L4875.0	0.0	0.0	27571.30078	385.36	0	48.848428	-86.933531	56368.86	56229.4	20.60	56389.46	56401.73828	56384.73513	56401.20313	504876.4	5410608.5
L4875.0	0.0	0.0	27571.40039	385.04	0	48.848418	-86.933531	56368.23	56229.4	20.60	56388.83	56401.11719	56367.18511	56383.49609	504876.4	5410607.5
L4875.0	0.0	0.0	27571.50000	386.98	0	48.848418	-86.933531	56369.27	56229.4	20.60	56389.87	56402.16797	56389.70235	56405.86328	504876.4	5410607.5
L4875.0	0.0	0.0	27571.59961	386.43	0	48.848406	-86.933531	56369.45	56229.4	20.60	56390.05	56402.35938	56391.65026	56407.66016	504876.4	5410606.2
L4875.0	0.0	0.0	27571.69922	385.15	0	48.848394	-86.933531	56369.86	56229.4	20.60	56390.46	56402.78516	56399.15651	56415.02344	504876.4	5410604.8
L4875.0	0.0	0.0	27571.80078	386.47	0	48.848394	-86.933531	56369.51	56229.4	20.60	56390.11	56402.45313	56388.49511	56404.22266	504876.4	5410604.8
L4875.0	0.0	0.0	27571.90039	387.59	0	48.848378	-86.933531	56369.43	56229.4	20.60	56390.03	56402.39063	56384.35541	56399.94531	504876.4	5410603.0
L4875.0	0.0	0.0	27572.00000	387.77	0	48.848367	-86.933532	56369.91	56229.4	20.60	56390.51	56402.89453	56393.69030	56409.14453	504876.4	5410601.8
L4875.0	0.0	0.0	27572.09961	387.21	0	48.848367	-86.933532	56369.13	56229.4	20.60	56389.73	56402.13672	56372.87997	56388.20313	504876.4	5410601.8
L4875.0	0.0	0.0	27572.19922	387.06	0	48.848354	-86.933532	56369.71	56229.4	20.60	56390.31	56402.74609	56384.72270	56399.92188	504876.4	5410600.4
L4875.0	0.0	0.0	27572.30078	386.73	0	48.848340	-86.933532	56369.45	56229.4	20.60	56390.05	56402.51563	56376.49065	56391.57031	504876.4	5410598.8
L4875.0	0.0	0.0	27572.40039	386.10	0	48.848329	-86.933532	56370.40	56229.4	20.60	56391.00	56403.49609	56397.32012	56412.28125	504876.4	5410597.5
L4875.0	0.0	0.0	27572.50000	383.69	0	48.848319	-86.933532	56370.50	56229.4	20.61	56391.10	56403.62891	56397.83865	56412.68359	504876.4	5410596.5
L4875.0	0.0	0.0	27572.59961	381.42	0	48.848319	-86.933532	56371.09	56229.4	20.61	56391.69	56404.25781	56410.16511	56424.90234	504876.4	5410596.5
L4875.0	0.0	0.0	27572.69922	380.86	0	48.848304	-86.933533	56370.68	56229.4	20.61	56391.29	56403.89844	56398.82835	56413.46094	504876.3	5410594.8
L4875.0	0.0	0.0	27572.80078	381.33	0	48.848292	-86.933533	56370.22	56229.4	20.61	56390.83	56403.48047	56386.12024	56400.65625	504876.3	5410593.5
L4875.0	0.0	0.0	27572.90039	383.63	0	48.848281	-86.933533	56370.61	56229.4	20.61	56391.21	56403.90234	56393.61353	56408.05469	504876.3	5410592.3
L4875.0	0.0	0.0	27573.00000	384.45	0	48.848281	-86.933533	56370.47	56229.4	20.61	56391.08	56403.82031	56388.95279	56403.30078	504876.3	5410592.3
L4875.0	0.0	0.0	27573.09961	384.93	0	48.848267	-86.933534	56371.57	56229.4	20.61	56392.18	56404.96875	56413.84389	56428.10938	504876.2	5410590.7
L4875.0	0.0	0.0	27573.19922	386.16	0	48.848251	-86.933535	56371.32	56229.4	20.61	56391.93	56404.77344	56406.45061	56420.63672	504876.2	5410589.0
L4875.0	0.0	0.0	27573.30078	386.38	0	48.848251	-86.933535	56371.98	56229.4	20.62	56392.59	56405.48828	56420.94214	56435.05469	504876.2	5410589.0
L4875.0	0.0	0.0	27573.40039	383.87	0	48.848239	-86.933535	56371.21	56229.4	20.62	56391.83	56404.78516	56401.47424	56415.51953	504876.2	5410587.5
L4875.0	0.0	0.0	27573.50000	383.26	0	48.848223	-86.933535	56371.06	56229.4	20.62	56391.68	56404.69531	56396.70340	56410.67969	504876.2	5410585.8
L4875.0	0.0	0.0	27573.59961	383.99	0	48.848223	-86.933535	56371.06	56229.4	20.62	56391.68	56404.75781	56395.60565	56409.52344	504876.2	5410585.8
L4875.0	0.0	0.0	27573.69922	386.11	0	48.848211	-86.933535	56371.32	56229.4	20.62	56391.94	56405.08203	56400.81876	56414.68750	504876.2	5410584.5
L4875.0	0.0	0.0	27573.80078	387.72	0	48.848211	-86.933535	56372.03	56229.4	20.63	56392.65	56405.85938	56416.89798	56430.71875	504876.2	5410584.5
L4875.0	0.0	0.0	27573.90039	387.59	0	48.848185	-86.933534	56371.98	56229.4	20.63	56392.61	56405.89063	56415.08294	56428.86328	504876.2	5410581.6
L4875.0	0.0	0.0	27574.00000	386.59	0	48.848185	-86.933534	56372.52	56229.4	20.63	56393.15	56406.50000	56427.25245	56440.99219	504876.2	5410581.6
L4875.0	0.0	0.0	27574.09961	388.50	0	48.848173	-86.933534	56371.57	56229.4	20.63	56392.20	56405.62500	56403.79394	56417.50391	504876.3	5410580.3
L4875.0	0.0	0.0	27574.19922	390.27	0	48.848173	-86.933534	56371.93	56229.4	20.63	56392.55	56406.05469	56411.57962	56425.26563	504876.3	5410580.3
L4875.0	0.0	0.0	27574.30078	389.73	0	48.848153	-86.933533	56371.34	56229.4	20.62	56391.96	56405.54297	56396.92235	56410.58984	504876.3	5410578.0
L4875.0	0.0	0.0	27574.40039	387.79	0	48.848142	-86.933533	56371.68	56229.4	20.62	56392.30	56405.96484	56404.64375	56418.29688	504876.3	5410576.8
L4875.0	0.0	0.0	27574.50000	389.41	0	48.848130	-86.933533	56371.85	56229.4	20.62	56392.47	56406.21875	56408.38031	56422.02344	504876.4	5410575.4
L4875.0	0.0	0.0	27574.59961	388.15	0	48.848130	-86.933533	56372.41	56229.4	20.62	56393.03	56406.86328	56421.55549	56435.19531	504876.4	5410575.4
L4875.0	0.0	0.0	27574.69922	389.83	0	48.848116	-86.933532	56372.57	56229.4	20.62	56393.18	56407.10547	56424.99624	56438.64453	504876.4	5410573.9
L4875.0	0.0	0.0	27574.80078	388.75	0	48.848116	-86.933532	56372.31	56229.4	20.61	56392.93	56406.94531	56418.94363	56432.60156	504876.4	5410573.9
L4875.0	0.0	0.0	27574.90039	389.72	0	48.848102	-86.933532	56372.64	56229.4	20.61	56393.25	56407.35938	56426.64811	56440.32031	504876.4	5410572.3
L4875.0	0.0	0.0	27575.00000	388.26	0	48.848102	-86.933532	56371.46	56229.4	20.61	56392.07	56406.27344	56398.49722	56412.18750	504876.4	5410572.3
L4875.0	0.0	0.0	27575.09961	386.83	0	48.848076	-86.933532	56371.90	56229.4	20.61	56392.51	56406.81250	56409.27277	56422.98828	504876.4	5410569.4
L4875.0	0.0	0.0	27575.19922	384.97	0	48.848076	-86.933532	56371.34	56229.4	20.62	56391.96	56406.36328	56396.41960	56410.17188	504876.4	5410569.4
L4875.0	0.0	0.0	27575.30078	385.06	0	48.848064	-86.933532	56371.82	56229.4	20.62	56392.44	56406.94531	56408.35468	56422.14844	504876.4	5410568.1
L4875.0	0.0	0.0	27575.40039	386.68	0	48.848049	-86.933533	56371.70	56229.4	20.62	56392.32	56406.92578	56406.01160	56419.84766	504876.4	5410566.5
L4875.0	0.0	0.0	27575.50000	386.81	0	48.848049	-86.933533	56371.52	56229.4	20.63	56392.14	56406.85156	56402.33462	56416.21484	504876.4	5410566.5
L4875.0	0.0	0.0	27575.59961	387.50	0	48.848034	-86.933533	56371.12	56229.4	20.63	56391.74	56406.56250	56393.49041	56407.42578	504876.3	5410564.8
L4875.0	0.0	0.0	27575.69922	386.75	0	48.848023	-86.933533	56370.58	56229.4	20.63	56391.21	56406.14063	56381.63766	56395.63672	504876.3	5410563.6
L4875.0	0.0	0.0	27575.80078	385.89	0	48.848008	-86.933534	56371.09	56229.4	20.63	56391.72	56406.76172	56394.82058	56408.88672	504876.3	5410561.9
L4875.0	0.0	0.0	27575.90039	386.06	0	48.848008	-86.933534	56371.09	56229.4	20.64	56391.72	56406.87500	56395.89027	56410.02734	504876.3	5410561.9
L4875.0	0.0	0.0	27576.00000	386.51	0	48.847995	-86.933534	56372.06	56229.4	20.64	56392.70	56407.96875	56420.56074	56434.77344	504876.3	5410560.5
L4875.0	0.0	0.0	27576.09961	388.79	0	48.847982	-86.933534	56371.93	56229.4	20.64	56392.57	56407.95703	56418.74037	56433.03516	504876.2	5410559.0
L4875.0	0.0	0.0	27576.19922	387.47	0	48.847970	-86.933535	56372.34	56229.4	20.64	56392.98	56408.48438	56429.97807	56444.36328	504876.2	5410557.7
L4875.0	0.0	0.0	27576.30078	388.89	0	48.847970	-86.933535	56371.49	56229.4	20.65	56392.14	56407.76563	56411.37264	56425.85156	504876.2	5410557.7
L4875.0	0.0	0.0	27576.40039	389.46	0	48.847953	-86.933535	56371.46	56229.4	20.65	56392.11	56407.85547	56412.29994	56426.87891	504876.2	5410555.8
L4875.0	0.0	0.0	27576.50000	388.88	0	48.847953	-86.933535	56371.65	56229.3	20.65	56392.30	56408.16797	56418.62043	56433.29688	504876.2	5410555.8
L4875.0	0.0	0.0	27576.59961	391.05	0	48.847942	-86.933536	56371.75	56229.3	20.65	56392.40	56408.39453	56422.90566	56437.69141	504876.2	5410554.6
L4875.0	0.0	0.0	27576.69922	388.76	0	48.847931	-86.933536	56371.32	56229.3	20.65	56391.97	56408.08984	56414.61132	56429.51172	504876.1	5410553.3
L4875.0	0.0	0.0	27576.80078	386.33	0	48.847920	-86.933536	56370.83	56229.3	20.66	56391.49	56407.73438	56405.24370	56420.26563	504876.1	5410552.1
L4875.0	0.0	0.0	27576.90039	385.92	0	48.847907	-86.933536	56371.21	56229.3	20.66	56391.87	56408.24219	56416.61537	56431.75781	504876.1	5410550.7
L4875.0	0.0	0.0	27577.00000	386.63	0	48.847907	-86.933536	56370.83	56229.3	20.66	56391.49	56407.99219	56409.89967	56425.16797	504876.1	5410550.7
L4875.0	0.0	0.0	27577.09961	385.69	0	48.847892	-86.933536	56371.49	56229.3	20.66	56392.15	56408.78125	56428.24072	56443.64063	504876.1	5410549.0
L4875.0	0.0	0.0	27577.19922	384.01	0	48.847879	-86.933536	56370.58	56229.3	20.66	56391.24	56408.00391	56409.08346	56424.62109	504876.1	5410547.6
L4875.0	0.0	0.0	27577.30078	385.85	0	48.847879	-86.933536	56370.61	56229.3	20.66	56391.26	56408.15625	56412.34962	56428.03125	504876.1	5410547.6
L4875.0	0.0	0.0	27577.40039	386.94	0	48.847865	-86.933536	56370.57	56229.3	20.66	56391.23	56408.25781	56414.55202	56430.37891	504876.1	5410546.0
L4875.0	0.0	0.0	27577.50000	386.93	0	48.847851	-86.933536	56370.63	56229.3	20.66	56391.28	56408.44141	56418.80806	56434.78125	504876.1	5410544.4
L4875.0	0.0	0.0	27577.59961	387.02	0	48.847836	-86.933536	56370.42	56229.3	20.65	56391.08	56408.37891	56417.20975	56433.33594	504876.1	5410542.8
L4875.0	0.0	0.0	27577.69922	385.56	0	48.847836	-86.933536	56369.88	56229.3	20.65	56390.54	56407.97266	56407.60143	56423.88672	504876.1	5410542.8
L4875.0	0.0	0.0	27577.80078	386.62	0	48.847821	-86.933536	56369.17	56229.3	20.65	56389.82	56407.38672	56393.81943	56410.26953	504876.1	5410541.1
L4875.0	0.0	0.0	27577.90039	388.25	0	48.847810	-86.933537	56368.20	56229.3	20.65	56388.85	56406.55469	56374.18738	56390.80469	504876.1	5410539.9
L4875.0	0.0	0.0	27578.00000	387.58	0	48.847797	-86.933537	56368.54	56229.3	20.65	56389.19	56407.03125	56386.09681	56402.87891	504876.1	5410538.5
L4875.0	0.0	0.0	27578.09961	388.34	0	48.847797	-86.933537	56368.20	56229.3	20.65	56388.86	56406.83984	56382.09227	56399.04688	504876.1	5410538.5
L4875.0	0.0	0.0	27578.19922	389.10	0	48.847785	-86.933537	56369.17	56229.3	20.66	56389.83	56407.94531	56409.39211	56426.52344	504876.1	5410537.1
L4875.0	0.0	0.0	27578.30078	388.22	0	48.847785	-86.933537	56369.22	56229.3	20.66	56389.88	56408.13672	56414.78846	56432.10547	504876.1	5410537.1
L4875.0	0.0	0.0	27578.40039	387.42	0	48.847773	-86.933537	56369.45	56229.3	20.66	56390.11	56408.50391	56424.64736	56442.14453	504876.1	5410535.8
L4875.0	0.0	0.0	27578.50000	386.02	0	48.847755	-86.933537	56369.71	56229.3	20.67	56390.38	56408.91016	56435.61440	56453.29688	504876.0	5410533.7
L4875.0	0.0	0.0	27578.59961	383.81	0	48.847740	-86.933538	56369.43	56229.3	20.67	56390.09	56408.76172	56433.30981	56451.17969	504876.0	5410532.1
L4875.0	0.0	0.0	27578.69922	385.07	0	48.847740	-86.933538	56368.76	56229.3	20.67	56389.43	56408.23828	56422.28851	56440.35156	504876.0	5410532.1
L4875.0	0.0	0.0	27578.80078	386.94	0	48.847727	-86.933538	56368.18	56229.3	20.67	56388.85	56407.79688	56413.33709	56431.59766	504876.0	5410530.7
L4875.0	0.0	0.0	27578.90039	388.77	0	48.847713	-86.933538	56367.74	56229.3	20.68	56388.42	56407.50391	56408.13419	56426.58984	504876.0	5410529.1
L4875.0	0.0	0.0	27579.00000	389.72	0	48.847713	-86.933538	56367.62	56229.3	20.68	56388.30	56407.52344	56410.51551	56429.16797	504876.0	5410529.1
L4875.0	0.0	0.0	27579.09961	389.40	0	48.847696	-86.933538	56367.62	56229.3	20.68	56388.30	56407.66016	56415.92786	56434.78125	504876.0	5410527.3
L4875.0	0.0	0.0	27579.19922	387.98	0	48.847682	-86.933538	56367.76	56229.3	20.68	56388.45	56407.94922	56425.09096	56444.14844	504876.0	5410525.6
L4875.0	0.0	0.0	27579.30078	385.94	0	48.847682	-86.933538	56367.72	56229.3	20.69	56388.40	56408.03516	56429.61658	56448.88281	504876.0	5410525.6
L4875.0	0.0	0.0	27579.40039	385.79	0	48.847667	-86.933539	56367.62	56229.3	20.69	56388.31	56408.08203	56433.34015	56452.81641	504876.0	5410524.0
L4875.0	0.0	0.0	27579.50000	384.49	0	48.847652	-86.933539	56366.64	56229.3	20.69	56387.33	56407.23828	56415.88925	56435.57031	504876.0	5410522.3
L4875.0	0.0	0.0	27579.59961	383.93	0	48.847652	-86.933539	56366.29	56229.3	20.69	56386.98	56407.02344	56413.69570	56433.58594	504876.0	5410522.3
L4875.0	0.0	0.0	27579.69922	387.26	0	48.847637	-86.933539	56365.45	56229.3	20.69	56386.14	56406.32031	56399.91556	56420.01953	504876.0	5410520.6
L4875.0	0.0	0.0	27579.80078	391.27	0	48.847624	-86.933539	56365.24	56229.3	20.70	56385.94	56406.25391	56401.63295	56421.95313	504876.0	5410519.2
L4875.0	0.0	0.0	27579.90039	390.56	0	48.847624	-86.933539	56364.70	56229.3	20.70	56385.40	56405.84766	56395.35926	56415.89453	504876.0	5410519.2

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4875.0	0.0	0.0	27580.00000	387.70	0	48.847612	-86.933539	56364.84	56229.3	20.70	56385.54	56406.11719	56405.54196	56426.29297	504876.0	5410517.9
L4875.0	0.0	0.0	27580.09961	386.81	0	48.847612	-86.933539	56364.81	56229.3	20.70	56385.51	56406.21875	56411.80813	56432.77344	504876.0	5410517.9
L4875.0	0.0	0.0	27580.19922	384.66	0	48.847593	-86.933538	56364.68	56229.3	20.70	56385.38	56406.22266	56415.83538	56437.01953	504876.0	5410515.8
L4875.0	0.0	0.0	27580.30078	385.19	0	48.847583	-86.933538	56364.81	56229.3	20.70	56385.51	56406.48047	56426.25198	56447.65625	504876.0	5410514.7
L4875.0	0.0	0.0	27580.40039	385.57	0	48.847571	-86.933538	56364.09	56229.3	20.70	56384.79	56405.89063	56416.45304	56438.07813	504876.0	5410513.3
L4875.0	0.0	0.0	27580.50000	387.33	0	48.847571	-86.933538	56364.20	56229.3	20.70	56384.90	56406.12500	56426.70448	56448.54297	504876.0	5410513.3
L4875.0	0.0	0.0	27580.59961	387.30	0	48.847557	-86.933538	56363.33	56229.3	20.71	56384.03	56405.38281	56413.62357	56435.67969	504876.0	5410511.8
L4875.0	0.0	0.0	27580.69922	388.00	0	48.847543	-86.933538	56363.10	56229.3	20.71	56383.80	56405.27734	56416.03798	56438.31250	504876.0	5410510.2
L4875.0	0.0	0.0	27580.80078	386.30	0	48.847531	-86.933539	56362.00	56229.3	20.71	56382.71	56404.30859	56397.99488	56420.49219	504876.0	5410508.9
L4875.0	0.0	0.0	27580.90039	386.43	0	48.847519	-86.933539	56362.18	56229.3	20.71	56382.89	56404.61328	56410.54544	56433.26172	504875.9	5410507.5
L4875.0	0.0	0.0	27581.00000	385.89	0	48.847519	-86.933539	56362.13	56229.3	20.71	56382.84	56404.68359	56417.73667	56440.66797	504875.9	5410507.5
L4875.0	0.0	0.0	27581.09961	385.94	0	48.847519	-86.933539	56361.74	56229.3	20.71	56382.45	56404.41016	56416.93107	56440.07813	504875.9	5410507.5
L4875.0	0.0	0.0	27581.19922	386.40	0	48.847505	-86.933539	56361.36	56229.3	20.71	56382.07	56404.14844	56416.51637	56439.87891	504875.9	5410506.0
L4875.0	0.0	0.0	27581.30078	387.91	0	48.847487	-86.933540	56360.62	56229.3	20.71	56381.33	56403.52344	56407.62319	56431.20703	504875.9	5410504.0
L4875.0	0.0	0.0	27581.40039	389.49	0	48.847478	-86.933540	56360.42	56229.3	20.71	56381.13	56403.43750	56411.82150	56435.62109	504875.9	5410503.0
L4875.0	0.0	0.0	27581.50000	389.91	0	48.847478	-86.933540	56359.93	56229.3	20.71	56380.65	56403.07031	56409.45609	56433.46875	504875.9	5410503.0
L4875.0	0.0	0.0	27581.59961	389.08	0	48.847463	-86.933541	56359.66	56229.3	20.72	56380.37	56402.90234	56412.03017	56436.25000	504875.8	5410501.4
L4875.0	0.0	0.0	27581.69922	386.21	0	48.847451	-86.933541	56359.20	56229.3	20.72	56379.91	56402.55078	56410.43429	56434.86719	504875.8	5410500.0
L4875.0	0.0	0.0	27581.80078	386.24	0	48.847451	-86.933541	56358.61	56229.3	20.72	56379.32	56402.06641	56405.86518	56430.51172	504875.8	5410500.0
L4875.0	0.0	0.0	27581.90039	386.20	0	48.847433	-86.933541	56357.71	56229.3	20.72	56378.43	56401.28125	56394.24653	56419.10156	504875.8	5410498.0
L4875.0	0.0	0.0	27582.00000	385.27	0	48.847423	-86.933542	56357.41	56229.3	20.72	56378.13	56401.08203	56396.90805	56421.96875	504875.8	5410496.9
L4875.0	0.0	0.0	27582.09961	385.76	0	48.847423	-86.933542	56357.07	56229.3	20.72	56377.80	56400.85547	56398.98760	56424.25000	504875.8	5410496.9
L4875.0	0.0	0.0	27582.19922	386.62	0	48.847409	-86.933542	56355.88	56229.3	20.72	56376.60	56399.75391	56380.35000	56405.81250	504875.7	5410495.3
L4875.0	0.0	0.0	27582.30078	384.22	0	48.847397	-86.933542	56354.88	56229.3	20.73	56375.61	56398.85938	56366.87864	56392.54297	504875.7	5410494.0
L4875.0	0.0	0.0	27582.40039	385.00	0	48.847381	-86.933542	56354.19	56229.3	20.73	56374.92	56398.26563	56360.72845	56386.59375	504875.7	5410492.2
L4875.0	0.0	0.0	27582.50000	385.53	0	48.847381	-86.933542	56354.57	56229.3	20.73	56375.30	56398.73828	56380.35256	56406.41406	504875.7	5410492.2
L4875.0	0.0	0.0	27582.59961	384.46	0	48.847368	-86.933542	56354.17	56229.3	20.73	56374.90	56398.42578	56381.40772	56407.66016	504875.8	5410490.8
L4875.0	0.0	0.0	27582.69922	384.05	0	48.847356	-86.933541	56354.29	56229.3	20.73	56375.03	56398.64453	56395.28965	56421.73047	504875.8	5410489.4
L4875.0	0.0	0.0	27582.80078	385.51	0	48.847356	-86.933541	56353.68	56229.3	20.74	56374.42	56398.12109	56391.55641	56418.18750	504875.8	5410489.4
L4875.0	0.0	0.0	27582.90039	387.69	0	48.847344	-86.933541	56353.40	56229.3	20.74	56374.14	56397.92578	56395.85125	56422.67188	504875.8	5410488.1
L4875.0	0.0	0.0	27583.00000	389.14	0	48.847329	-86.933540	56353.04	56229.3	20.74	56373.78	56397.64453	56398.34464	56425.34375	504875.9	5410486.4
L4875.0	0.0	0.0	27583.09961	391.12	0	48.847316	-86.933540	56352.53	56229.3	20.74	56373.27	56397.21484	56397.35611	56424.53516	504875.9	5410485.0
L4875.0	0.0	0.0	27583.19922	391.41	0	48.847316	-86.933540	56352.38	56229.3	20.74	56373.12	56397.14063	56405.10659	56432.46094	504875.9	5410485.0
L4875.0	0.0	0.0	27583.30078	390.87	0	48.847300	-86.933539	56351.97	56229.3	20.74	56372.71	56396.80469	56406.73309	56434.26172	504875.9	5410483.2
L4875.0	0.0	0.0	27583.40039	390.45	0	48.847287	-86.933539	56351.71	56229.3	20.74	56372.46	56396.62500	56412.29929	56440.00000	504876.0	5410481.8
L4875.0	0.0	0.0	27583.50000	390.05	0	48.847287	-86.933539	56350.72	56229.3	20.74	56371.47	56395.70313	56400.23104	56428.09766	504876.0	5410481.8
L4875.0	0.0	0.0	27583.59961	387.38	0	48.847274	-86.933538	56351.18	56229.3	20.75	56371.93	56396.23047	56423.01540	56451.04297	504876.0	5410480.3
L4875.0	0.0	0.0	27583.69922	385.92	0	48.847274	-86.933538	56350.44	56229.3	20.75	56371.18	56395.54297	56416.89432	56445.08203	504876.0	5410480.3
L4875.0	0.0	0.0	27583.80078	384.75	0	48.847258	-86.933538	56350.34	56229.3	20.75	56371.08	56395.50391	56426.44535	56454.79297	504876.0	5410478.5
L4875.0	0.0	0.0	27583.90039	383.70	0	48.847248	-86.933538	56349.16	56229.3	20.75	56369.91	56394.39453	56410.44034	56438.94531	504876.1	5410477.4
L4875.0	0.0	0.0	27584.00000	383.35	0	48.847231	-86.933538	56348.42	56229.3	20.75	56369.17	56393.70703	56404.82826	56433.48047	504876.1	5410475.5
L4875.0	0.0	0.0	27584.09961	382.75	0	48.847231	-86.933538	56347.43	56229.2	20.75	56368.18	56392.77344	56393.30769	56422.10547	504876.1	5410475.5
L4875.0	0.0	0.0	27584.19922	381.26	0	48.847215	-86.933537	56346.82	56229.2	20.75	56367.57	56392.21094	56390.97536	56419.91406	504876.1	5410473.8
L4875.0	0.0	0.0	27584.30078	381.59	0	48.847202	-86.933537	56346.33	56229.2	20.76	56367.09	56391.78125	56391.83607	56420.91797	504876.1	5410472.3
L4875.0	0.0	0.0	27584.40039	383.84	0	48.847190	-86.933537	56345.36	56229.2	20.76	56366.12	56390.85547	56381.02643	56410.24609	504876.1	5410471.0
L4875.0	0.0	0.0	27584.50000	386.56	0	48.847190	-86.933537	56345.59	56229.2	20.76	56366.35	56391.12891	56399.04929	56428.39844	504876.1	5410471.0
L4875.0	0.0	0.0	27584.59961	388.24	0	48.847173	-86.933537	56344.60	56229.2	20.76	56365.36	56390.17969	56387.89872	56417.37109	504876.1	5410469.1
L4875.0	0.0	0.0	27584.69922	389.21	0	48.847158	-86.933537	56344.74	56229.2	20.76	56365.51	56390.36719	56404.13617	56433.73047	504876.2	5410467.4
L4875.0	0.0	0.0	27584.80078	387.62	0	48.847158	-86.933537	56343.52	56229.2	20.77	56364.29	56389.17969	56387.59861	56417.31641	504876.2	5410467.4
L4875.0	0.0	0.0	27584.90039	385.93	0	48.847146	-86.933537	56343.14	56229.2	20.77	56363.91	56388.83203	56391.25229	56421.08984	504876.2	5410466.1
L4875.0	0.0	0.0	27585.00000	384.32	0	48.847146	-86.933537	56341.79	56229.2	20.77	56362.56	56387.51172	56371.71186	56401.66016	504876.2	5410466.1
L4875.0	0.0	0.0	27585.09961	384.96	0	48.847135	-86.933537	56341.84	56229.2	20.77	56362.61	56387.58984	56385.77848	56415.83203	504876.2	5410464.8
L4875.0	0.0	0.0	27585.19922	384.58	0	48.847123	-86.933536	56341.48	56229.2	20.78	56362.25	56387.25391	56390.06687	56420.22266	504876.2	5410463.5
L4875.0	0.0	0.0	27585.30078	384.35	0	48.847109	-86.933536	56340.87	56229.2	20.78	56361.65	56386.67188	56388.64850	56418.90625	504876.2	5410462.0
L4875.0	0.0	0.0	27585.40039	384.23	0	48.847096	-86.933536	56340.31	56229.2	20.78	56361.09	56386.13281	56388.23140	56418.58984	504876.2	5410460.6
L4875.0	0.0	0.0	27585.50000	385.18	0	48.847096	-86.933536	56339.06	56229.2	20.79	56359.84	56384.89844	56371.31587	56401.76563	504876.2	5410460.6
L4875.0	0.0	0.0	27585.59961	384.91	0	48.847084	-86.933536	56338.63	56229.2	20.79	56359.42	56384.49219	56374.33042	56404.86328	504876.2	5410459.2
L4875.0	0.0	0.0	27585.69922	382.88	0	48.847071	-86.933536	56336.91	56229.2	20.79	56357.70	56382.78125	56346.22015	56376.83594	504876.2	5410457.8
L4875.0	0.0	0.0	27585.80078	383.94	0	48.847055	-86.933536	56337.04	56229.2	20.79	56357.84	56382.92969	56362.72130	56393.41797	504876.2	5410456.0
L4875.0	0.0	0.0	27585.90039	382.95	0	48.847055	-86.933536	56336.15	56229.2	20.80	56356.95	56382.04297	56354.56337	56385.33984	504876.2	5410456.0
L4875.0	0.0	0.0	27586.00000	381.86	0	48.847045	-86.933536	56335.46	56229.2	20.80	56356.26	56381.35547	56351.22432	56382.07422	504876.2	5410454.9
L4875.0	0.0	0.0	27586.09961	382.63	0	48.847032	-86.933537	56334.08	56229.2	20.80	56354.88	56379.97656	56331.36992	56362.28516	504876.2	5410453.5
L4875.0	0.0	0.0	27586.19922	383.65	0	48.847032	-86.933537	56333.72	56229.2	20.80	56354.52	56379.61328	56335.98296	56366.96094	504876.2	5410453.5
L4875.0	0.0	0.0	27586.30078	386.60	0	48.847018	-86.933537	56333.34	56229.2	20.80	56354.14	56379.22656	56340.13411	56371.17188	504876.1	5410451.9
L4875.0	0.0	0.0	27586.40039	388.14	0	48.847004	-86.933538	56332.20	56229.2	20.80	56353.00	56378.07813	56326.08455	56357.17969	504876.1	5410450.3
L4875.0	0.0	0.0	27586.50000	389.57	0	48.847004	-86.933538	56332.50	56229.2	20.79	56353.29	56378.35547	56346.32198	56377.46875	504876.1	5410450.3
L4875.0	0.0	0.0	27586.59961	387.88	0	48.846988	-86.933538	56332.47	56229.2	20.79	56353.26	56378.31250	56358.89999	56390.09375	504876.1	5410448.5
L4875.0	0.0	0.0	27586.69922	386.55	0	48.846974	-86.933538	56332.32	56229.2	20.79	56353.12	56378.15625	56368.84966	56400.08594	504876.0	5410447.0
L4875.0	0.0	0.0	27586.80078	384.02	0	48.846974	-86.933538	56330.25	56229.2	20.79	56351.04	56376.05859	56332.30734	56363.58594	504876.0	5410447.0
L4875.0	0.0	0.0	27586.90039	383.41	0	48.846960	-86.933539	56329.57	56229.2	20.79	56350.36	56375.35547	56329.32431	56360.64063	504876.0	5410445.4
L4875.0	0.0	0.0	27587.00000	384.42	0	48.846950	-86.933539	56328.08	56229.2	20.79	56348.87	56373.84375	56306.92924	56338.28125	504876.0	5410444.3
L4875.0	0.0	0.0	27587.09961	385.16	0	48.846950	-86.933539	56327.91	56229.2	20.79	56348.70	56373.64453	56316.17226	56347.54688	504876.0	5410444.3
L4875.0	0.0	0.0	27587.19922	385.65	0	48.846936	-86.933539	56327.52	56229.2	20.79	56348.32	56373.23828	56320.38049	56351.78125	504876.0	5410442.7
L4875.0	0.0	0.0	27587.30078	385.20	0	48.846919	-86.933540	56327.77	56229.2	20.80	56348.57	56373.45703	56339.68547	56371.10938	504875.9	5410440.8
L4875.0	0.0	0.0	27587.40039	386.16	0	48.846919	-86.933540	56326.99	56229.2	20.80	56347.79	56372.64063	56334.29867	56365.74219	504875.9	5410440.8
L4875.0	0.0	0.0	27587.50000	385.57	0	48.846909	-86.933540	56326.70	56229.2	20.80	56347.50	56372.31641	56340.65012	56372.10938	504875.9	5410439.7
L4875.0	0.0	0.0	27587.59961	385.46	0	48.846896	-86.933540	56326.86	56229.2	20.80	56347.66	56372.43750	56357.77975	56389.24609	504875.9	5410438.3
L4875.0	0.0	0.0	27587.69922	386.29	0	48.846881	-86.933540	56326.22	56229.2	20.80	56347.02	56371.75391	56355.72627	56387.19922	504875.9	5410436.6
L4875.0	0.0	0.0	27587.80078	386.66	0	48.846881	-86.933540	56326.31	56229.2	20.81	56347.11	56371.80078	56371.15967	56402.63672	504875.9	5410436.6
L4875.0	0.0	0.0	27587.90039	386.18	0	48.846865	-86.933540	56325.35	56229.2	20.81	56346.16	56370.80469	56361.65547	56393.13672	504875.9	5410434.8
L4875.0	0.0	0.0	27588.00000	388.61	0	48.846865	-86.933540	56324.67	56229.2	20.81	56345.48	56370.07813	56358.61091	56390.08984	504875.9	5410434.8
L4875.0	0.0	0.0	27588.09961	389.36	0	48.846851	-86.933540	56323.52	56229.2	20.81	56344.33	56368.87891	56344.28882	56375.75781	504876.0	5410433.3
L4875.0	0.0	0.0	27588.19922	388.23	0	48.846836	-86.933539	56323.26	56229.2	20.81	56344.07	56368.56641	56351.28504	56382.74609	504876.0	5410431.6
L4875.0	0.0	0.0	27588.30078	387.35	0	48.846836	-86.933539	56322.55	56229.2	20.82	56343.36	56367.80078	56347.48177	56378.92969	504876.0	5410431.6
L4875.0	0.0	0.0	27588.40039	387.51	0	48.846824	-86.933539	56322.29	56229.2	20.82	56343.11	56367.49609	56354.68944	56386.12500	504876.0	5410430.3
L4875.0	0.0	0.0	27588.50000	386.84	0	48.846809	-86.933538	56322.44	56229.2	20.82	56343.26	56367.58594	56371.46956	56402.88672	504876.1	5410428.6
L4875.0	0.0	0.0	27588.59961	385.55	0	48.846809	-86.933538	56322.11	56229.2	20.82	56342.93	56367.19531	56376.72994	56408.12500	504876.1	5410428.6
L4875.0	0.0	0.0	27588.69922	385.92	0	48.846795	-86.933538	56321.45	56229.2	20.82	56342.27	56366.47266	56374.06557	56405.43750	504876.1	5410427.1
L4875.0	0.0	0.0	27588.80078	384.73	0	48.846783	-86.933538	56319.79	56229.2	20.83	56340.61	56364.74609	56347.41775	56378.76172	504876.1	5410425.8
L4875.0	0.0	0.0	27588.90039	385.26	0	48.846769	-86.933537	56318.71	56229.2	20.83	56339.54	56363.60938	56334.89568	56366.21484	504876.2	5410424.2
L4875.0	0.0	0.0	27589.00000	387.05	0	48.846769	-86.933537	56318.24	56229.2	20.83	56339.07	56363.07031	56336.73911	56368.02734	504876.2	5410424.2
L4875.0	0.0	0.0	27589.09961	387.65	0	48.846753	-86.933537	56318.41	56229.2	20.83	56339.24	56363.16797	56353.90693	56385.16016	504876.2	5410422.4
L4875.0	0.0	0.0	27589.19922	385.50	0	48.846753	-86.933537	56318.80	56229.2	20.83	56339.63	56363.48828	56376.33280	56407.54688	504876.2	5410422.4

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4875.0	0.0	0.0	27589.30078	385.69	0	48.846741	-86.933537	56317.92	56229.2	20.83	56338.75	56362.53125	56368.30465	56399.48047	504876.2	5410421.1
L4875.0	0.0	0.0	27589.40039	387.21	0	48.846727	-86.933537	56316.83	56229.2	20.83	56337.67	56361.37500	56355.46872	56386.60938	504876.2	5410419.5
L4875.0	0.0	0.0	27589.50000	388.49	0	48.846715	-86.933537	56315.93	56229.2	20.83	56336.77	56360.39844	56346.93335	56378.03125	504876.2	5410418.2
L4875.0	0.0	0.0	27589.59961	389.66	0	48.846715	-86.933537	56315.07	56229.2	20.84	56335.90	56359.44922	56339.10392	56370.15234	504876.2	5410418.2
L4875.0	0.0	0.0	27589.59961	389.66	0	48.846698	-86.933537	56314.54	56229.2	20.84	56335.37	56358.83594	56339.41113	56370.41016	504876.2	5410416.3
L4875.0	0.0	0.0	27589.69922	390.23	0	48.846698	-86.933537	56313.96	56229.2	20.84	56334.80	56358.18359	56338.74785	56369.69922	504876.2	5410416.3
L4875.0	0.0	0.0	27589.80078	390.75	0	48.846684	-86.933537	56313.79	56229.2	20.84	56334.63	56357.92969	56347.66077	56378.56641	504876.2	5410414.7
L4875.0	0.0	0.0	27590.00000	386.77	0	48.846668	-86.933537	56312.52	56229.2	20.84	56333.36	56356.57422	56330.19862	56361.05078	504876.2	5410413.0
L4875.0	0.0	0.0	27590.00000	386.77	0	48.846668	-86.933537	56312.28	56229.2	20.84	56333.12	56356.24609	56337.41426	56368.21094	504876.2	5410413.0
L4875.0	0.0	0.0	27590.09961	387.45	0	48.846656	-86.933537	56311.01	56229.2	20.84	56331.85	56354.88672	56319.93440	56350.67188	504876.2	5410411.6
L4875.0	0.0	0.0	27590.19922	386.81	0	48.846656	-86.933537	56310.52	56229.2	20.84	56331.36	56354.30469	56321.14219	56351.82422	504876.2	5410411.6
L4875.0	0.0	0.0	27590.40039	388.94	0	48.846643	-86.933537	56309.53	56229.2	20.84	56330.37	56353.22266	56310.35955	56340.98438	504876.2	5410410.1
L4875.0	0.0	0.0	27590.50000	388.34	0	48.846625	-86.933538	56309.41	56229.2	20.85	56330.25	56353.00781	56320.42375	56350.98828	504876.1	5410408.1
L4875.0	0.0	0.0	27590.59961	385.11	0	48.846625	-86.933538	56309.84	56229.2	20.85	56330.68	56353.34375	56343.66611	56374.16406	504876.1	5410408.1
L4875.0	0.0	0.0	27590.69922	382.54	0	48.846610	-86.933538	56309.22	56229.2	20.85	56330.07	56352.63672	56341.97851	56372.41406	504876.1	5410406.5
L4875.0	0.0	0.0	27590.80078	383.94	0	48.846610	-86.933538	56308.82	56229.2	20.85	56329.66	56352.13281	56345.08248	56375.45313	504876.1	5410406.5
L4875.0	0.0	0.0	27590.90039	383.58	0	48.846585	-86.933538	56307.54	56229.2	20.85	56328.39	56350.76172	56327.57304	56357.87891	504876.1	5410403.7
L4875.0	0.0	0.0	27591.00000	385.61	0	48.846585	-86.933538	56307.36	56229.2	20.85	56328.21	56350.48438	56336.18906	56366.42578	504876.1	5410403.7
L4875.0	0.0	0.0	27591.09961	386.12	0	48.846568	-86.933538	56306.09	56229.1	20.85	56326.94	56349.11328	56318.68134	56348.84766	504876.1	5410401.8
L4875.0	0.0	0.0	27591.19922	385.15	0	48.846568	-86.933538	56305.24	56229.1	20.86	56326.09	56348.16016	56311.24284	56341.33984	504876.1	5410401.8
L4875.0	0.0	0.0	27591.30078	385.88	0	48.846556	-86.933538	56305.12	56229.1	20.86	56325.98	56347.94922	56321.54452	56351.57031	504876.1	5410400.5
L4875.0	0.0	0.0	27591.40039	384.33	0	48.846545	-86.933538	56304.45	56229.1	20.86	56325.32	56347.18359	56318.66876	56348.62500	504876.1	5410399.2
L4875.0	0.0	0.0	27591.50000	383.49	0	48.846529	-86.933538	56304.04	56229.1	20.86	56324.90	56346.66016	56321.55148	56351.43359	504876.1	5410397.5
L4875.0	0.0	0.0	27591.59961	383.08	0	48.846529	-86.933538	56303.20	56229.1	20.87	56324.07	56345.72266	56314.61461	56344.42188	504876.1	5410397.5
L4875.0	0.0	0.0	27591.69922	381.59	0	48.846517	-86.933537	56303.33	56229.1	20.87	56324.20	56345.74609	56330.69552	56360.42578	504876.2	5410396.1
L4875.0	0.0	0.0	27591.80078	380.45	0	48.846517	-86.933537	56302.79	56229.1	20.87	56323.67	56345.10938	56330.96707	56360.62500	504876.2	5410396.1
L4875.0	0.0	0.0	27591.90039	381.36	0	48.846501	-86.933537	56303.15	56229.1	20.88	56324.03	56345.36328	56352.58084	56382.16406	504876.2	5410394.4
L4875.0	0.0	0.0	27592.00000	381.12	0	48.846487	-86.933537	56301.88	56229.1	20.88	56322.76	56343.98438	56335.13837	56364.64453	504876.2	5410392.8
L4875.0	0.0	0.0	27592.09961	382.11	0	48.846475	-86.933537	56301.06	56229.1	20.88	56321.94	56343.05469	56328.49426	56357.92188	504876.2	5410391.5
L4875.0	0.0	0.0	27592.19922	383.21	0	48.846463	-86.933536	56299.81	56229.1	20.89	56320.70	56341.70313	56311.79727	56341.14453	504876.2	5410390.1
L4875.0	0.0	0.0	27592.30078	382.93	0	48.846463	-86.933536	56299.15	56229.1	20.89	56320.04	56340.93359	56309.01642	56338.28516	504876.2	5410390.1
L4875.0	0.0	0.0	27592.40039	384.68	0	48.846445	-86.933536	56299.19	56229.1	20.89	56320.08	56340.85938	56323.02876	56352.21875	504876.3	5410388.2
L4875.0	0.0	0.0	27592.50000	384.54	0	48.846445	-86.933536	56298.89	56229.1	20.89	56319.79	56340.45703	56329.14805	56358.25781	504876.3	5410388.2
L4875.0	0.0	0.0	27592.59961	384.12	0	48.846433	-86.933536	56299.17	56229.1	20.90	56320.07	56340.62500	56348.94634	56377.97266	504876.3	5410386.8
L4875.0	0.0	0.0	27592.69922	385.39	0	48.846423	-86.933535	56297.79	56229.1	20.90	56318.69	56339.13281	56328.97559	56357.91797	504876.3	5410385.8
L4875.0	0.0	0.0	27592.80078	384.37	0	48.846411	-86.933535	56297.51	56229.1	20.90	56318.41	56338.73828	56335.38834	56364.25000	504876.3	5410384.4
L4875.0	0.0	0.0	27592.90039	386.25	0	48.846398	-86.933535	56296.80	56229.1	20.91	56317.70	56337.91406	56331.51407	56360.29297	504876.3	5410383.0
L4875.0	0.0	0.0	27593.00000	384.99	0	48.846388	-86.933535	56296.46	56229.1	20.91	56317.37	56337.47266	56336.76748	56365.46094	504876.4	5410381.8
L4875.0	0.0	0.0	27593.09961	383.95	0	48.846388	-86.933535	56295.50	56229.1	20.91	56316.41	56336.39844	56326.94132	56355.55078	504876.4	5410381.8
L4875.0	0.0	0.0	27593.19922	383.66	0	48.846373	-86.933535	56294.63	56229.1	20.91	56315.54	56335.41016	56319.29302	56347.81641	504876.4	5410380.2
L4875.0	0.0	0.0	27593.30078	384.02	0	48.846360	-86.933535	56294.60	56229.1	20.91	56315.51	56335.26563	56331.79898	56360.23828	504876.4	5410378.8
L4875.0	0.0	0.0	27593.40039	386.19	0	48.846360	-86.933535	56293.71	56229.1	20.91	56314.62	56334.26172	56323.71378	56352.06641	504876.4	5410378.8
L4875.0	0.0	0.0	27593.50000	386.57	0	48.846343	-86.933535	56293.06	56229.1	20.91	56313.97	56333.49609	56321.40250	56349.66797	504876.4	5410376.8
L4875.0	0.0	0.0	27593.59961	385.72	0	48.846329	-86.933535	56292.23	56229.1	20.91	56313.14	56332.55078	56314.79869	56342.97656	504876.4	5410375.3
L4875.0	0.0	0.0	27593.69922	385.38	0	48.846329	-86.933535	56292.84	56229.1	20.91	56313.75	56333.04297	56342.73067	56370.82031	504876.4	5410375.3
L4875.0	0.0	0.0	27593.80078	384.13	0	48.846317	-86.933535	56292.20	56229.1	20.91	56313.11	56332.28906	56340.72433	56368.72656	504876.4	5410373.9
L4875.0	0.0	0.0	27593.90039	381.73	0	48.846307	-86.933535	56290.90	56229.1	20.91	56311.81	56330.87109	56322.92074	56350.83594	504876.4	5410372.8
L4875.0	0.0	0.0	27594.00000	385.02	0	48.846294	-86.933535	56290.13	56229.1	20.91	56311.04	56329.98438	56317.84172	56345.66797	504876.4	5410371.4
L4875.0	0.0	0.0	27594.09961	385.94	0	48.846294	-86.933535	56289.56	56229.1	20.91	56310.47	56329.30078	56317.57755	56345.31250	504876.4	5410371.4
L4875.0	0.0	0.0	27594.19922	385.98	0	48.846277	-86.933535	56289.29	56229.1	20.91	56310.20	56328.91406	56324.52471	56352.16406	504876.4	5410369.5
L4875.0	0.0	0.0	27594.30078	385.45	0	48.846261	-86.933535	56288.22	56229.1	20.91	56309.13	56327.72656	56312.31791	56339.86719	504876.4	5410367.7
L4875.0	0.0	0.0	27594.40039	385.99	0	48.846261	-86.933535	56287.47	56229.1	20.91	56308.38	56326.85938	56307.80091	56335.25781	504876.4	5410367.7
L4875.0	0.0	0.0	27594.50000	385.10	0	48.846249	-86.933534	56287.11	56229.1	20.91	56308.02	56326.38672	56312.65091	56340.01563	504876.4	5410366.4
L4875.0	0.0	0.0	27594.59961	384.09	0	48.846235	-86.933534	56286.79	56229.1	20.91	56307.70	56325.94922	56318.47843	56345.75000	504876.4	5410364.8
L4875.0	0.0	0.0	27594.69922	383.25	0	48.846235	-86.933534	56286.05	56229.1	20.91	56306.96	56325.09375	56314.25745	56341.43359	504876.4	5410364.8
L4875.0	0.0	0.0	27594.80078	384.70	0	48.846222	-86.933534	56285.44	56229.1	20.91	56306.35	56324.36719	56313.16961	56340.25000	504876.4	5410363.4
L4875.0	0.0	0.0	27594.90039	383.64	0	48.846212	-86.933534	56284.86	56229.1	20.91	56305.77	56323.67188	56312.81724	56339.80078	504876.5	5410362.2
L4875.0	0.0	0.0	27595.00000	386.03	0	48.846200	-86.933533	56284.41	56229.1	20.91	56305.32	56323.10547	56315.59622	56342.48438	504876.5	5410360.9
L4875.0	0.0	0.0	27595.09961	387.10	0	48.846200	-86.933533	56283.58	56229.1	20.91	56304.49	56322.16016	56309.28182	56336.07031	504876.5	5410360.9
L4875.0	0.0	0.0	27595.19922	387.37	0	48.846179	-86.933533	56282.65	56229.1	20.91	56303.55	56321.10547	56300.34434	56327.03516	504876.5	5410358.6
L4875.0	0.0	0.0	27595.30078	385.24	0	48.846169	-86.933533	56282.20	56229.1	20.90	56303.10	56320.54297	56303.16349	56329.75391	504876.5	5410357.5
L4875.0	0.0	0.0	27595.40039	382.90	0	48.846169	-86.933533	56281.54	56229.1	20.90	56302.44	56319.76953	56300.96042	56327.44922	504876.5	5410357.5
L4875.0	0.0	0.0	27595.50000	383.06	0	48.846156	-86.933533	56280.94	56229.1	20.90	56301.84	56319.05469	56300.20524	56326.59375	504876.5	5410356.1
L4875.0	0.0	0.0	27595.59961	383.79	0	48.846144	-86.933533	56280.21	56229.1	20.90	56301.11	56318.21094	56296.34271	56322.62891	504876.5	5410354.7
L4875.0	0.0	0.0	27595.69922	383.80	0	48.846144	-86.933533	56279.39	56229.1	20.90	56300.29	56317.27734	56290.33018	56316.51172	504876.5	5410354.7
L4875.0	0.0	0.0	27595.80078	384.29	0	48.846128	-86.933532	56279.11	56229.1	20.89	56300.00	56316.87500	56297.02643	56323.10156	504876.6	5410352.9
L4875.0	0.0	0.0	27595.90039	385.05	0	48.846116	-86.933532	56278.58	56229.1	20.89	56299.47	56316.23438	56297.97457	56323.94531	504876.6	5410351.5
L4875.0	0.0	0.0	27596.00000	385.43	0	48.846106	-86.933532	56278.26	56229.1	20.89	56299.15	56315.80078	56303.95873	56329.82422	504876.6	5410350.5
L4875.0	0.0	0.0	27596.09961	386.63	0	48.846106	-86.933532	56277.75	56229.1	20.89	56298.65	56315.18750	56305.62981	56331.38672	504876.6	5410350.5
L4875.0	0.0	0.0	27596.19922	385.51	0	48.846094	-86.933533	56277.12	56229.1	20.90	56298.02	56314.44922	56304.18462	56329.83203	504876.6	5410349.1
L4875.0	0.0	0.0	27596.30078	382.91	0	48.846078	-86.933533	56276.33	56229.1	20.90	56297.23	56313.54688	56298.90250	56324.43750	504876.5	5410347.3
L4875.0	0.0	0.0	27596.40039	382.03	0	48.846078	-86.933533	56275.64	56229.1	20.91	56296.55	56312.75781	56296.25319	56321.67969	504876.5	5410347.3
L4875.0	0.0	0.0	27596.50000	381.90	0	48.846060	-86.933533	56275.00	56229.1	20.91	56295.91	56312.00781	56294.55726	56319.87109	504876.5	5410345.3
L4875.0	0.0	0.0	27596.59961	382.88	0	48.846060	-86.933533	56274.16	56229.1	20.91	56295.07	56311.05859	56288.06068	56313.25781	504876.5	5410345.3
L4875.0	0.0	0.0	27596.69922	382.36	0	48.846047	-86.933534	56273.34	56229.1	20.92	56294.26	56310.14063	56282.27440	56307.35547	504876.5	5410343.9
L4875.0	0.0	0.0	27596.80078	383.53	0	48.846036	-86.933534	56272.86	56229.1	20.92	56293.78	56309.55078	56284.38714	56309.35156	504876.5	5410342.7
L4875.0	0.0	0.0	27596.90039	382.09	0	48.846023	-86.933534	56272.32	56229.1	20.93	56293.25	56308.91406	56285.28932	56310.13281	504876.4	5410341.2
L4875.0	0.0	0.0	27597.00000	379.42	0	48.846023	-86.933534	56272.06	56229.1	20.93	56292.99	56308.54688	56292.64900	56317.37500	504876.4	5410341.2
L4875.0	0.0	0.0	27597.09961	379.70	0	48.846010	-86.933535	56271.27	56229.1	20.93	56292.20	56307.64844	56287.29004	56311.89453	504876.4	5410339.8
L4875.0	0.0	0.0	27597.19922	381.07	0	48.845996	-86.933535	56270.94	56229.1	20.93	56291.87	56307.21094	56292.93912	56317.41797	504876.4	5410338.3
L4875.0	0.0	0.0	27597.30078	383.69	0	48.845996	-86.933535	56270.04	56229.1	20.92	56290.97	56306.20703	56284.90746	56309.26172	504876.4	5410338.3
L4875.0	0.0	0.0	27597.40039	386.65	0	48.845980	-86.933536	56269.42	56229.1	20.92	56290.34	56305.47266	56283.32657	56307.55469	504876.3	5410336.5
L4875.0	0.0	0.0	27597.50000	385.16	0	48.845966	-86.933536	56268.88	56229.1	20.92	56289.80	56304.82813	56283.88057	56307.98438	504876.3	5410334.9
L4875.0	0.0	0.0	27597.59961	388.98	0	48.845966	-86.933536	56268.34	56229.1	20.92	56289.26	56304.18359	56284.41074	56308.38281	504876.3	5410334.9
L4875.0	0.0	0.0	27597.69922	388.55	0	48.845954	-86.933536	56267.57	56229.1	20.92	56288.48	56303.30078	56279.16319	56303.00391	504876.3	5410333.5
L4875.0	0.0	0.0	27597.80078	385.23	0	48.845938	-86.933537	56267.04	56229.1	20.91	56287.96	56302.67578	56280.12043	56303.82813	504876.3	5410331.8
L4875.0	0.0	0.0	27597.90039	382.78	0	48.845938	-86.933537	56266.12	56229.1	20.91	56287.03	56301.64453	56271.22239	56294.79688	504876.3	5410331.8
L4875.0	0.0	0.0	27598.00000	384.36	0	48.845924	-86.933537	56266.27	56229.1	20.91	56287.18	56301.69531	56288.18006	56311.62109	504876.3	5410330.3
L4875.0	0.0	0.0	27598.09961	387.80	0	48.845910	-86.933537	56265.84	56229.1	20.91	56286.75	56301.16406	56291.20512	56314.50781	504876.3	5410328.7
L4875.0	0.0	0.0	27598.19922	387.51	0	48.845898	-86.933537	56265.64	56229.1	20.91	56286.55	56300.86328	56299.71039	56322.87109	504876.3	5410327.4
L4875.0	0.0	0.0	27598.30078	385.66	0	48.845884	-86.933536	56264.73	56229.1	20.91	56285.64	56299.85156	56291.16468	56314.18359	504876.3	5410325.8
L4875.0	0.0	0.0	27598.40039	382.63	0	48.845884	-86.933536	56264.49	56229.1	20.91	56285.40	56299.51563	56298.64276	56321.51953	504876.3	5410325.8
L4875.0	0.0	0.0	27598.50000	382.44	0	48.845870	-86.933536	56263.70	56229.1	20.91	56284.61	56298.62500	56292.90254	56315.63672	504876.3	5410324.2

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4875.0	0.0	0.0	27598.59961	384.43	0	48.845856	-86.933535	56263.31	56229.1	20.91	56284.22	56298.14063	56296.71268	56319.30078	504876.4	5410322.6
L4875.0	0.0	0.0	27598.69922	384.04	0	48.845856	-86.933535	56262.63	56229.1	20.91	56283.54	56297.36328	56293.53434	56315.97266	504876.4	5410322.6
L4875.0	504876.4	5410320.9	27598.80078	384.00	0	48.845840	-86.933535	56261.94	56229.1	20.91	56282.85	56296.57422	56290.07777	56312.36328	504876.4	5410320.9
L4875.0	504876.4	5410319.5	27598.90039	386.25	0	48.845827	-86.933535	56261.37	56229.1	20.91	56282.28	56295.91016	56289.45811	56311.59375	504876.4	5410319.5
L4875.0	504876.4	5410319.5	27599.00000	387.82	0	48.845827	-86.933535	56260.34	56229.1	20.91	56281.25	56294.78516	56277.77330	56299.75391	504876.4	5410319.5
L4875.0	504876.4	5410318.2	27599.09961	389.01	0	48.845816	-86.933535	56259.84	56229.1	20.91	56280.75	56294.19141	56278.75123	56300.57813	504876.4	5410318.2
L4875.0	504876.4	5410318.2	27599.19922	385.06	0	48.845816	-86.933535	56259.36	56229.1	20.91	56280.27	56293.61719	56280.16781	56301.83594	504876.4	5410318.2
L4875.0	504876.4	5410316.1	27599.30078	382.63	0	48.845797	-86.933535	56258.70	56229.1	20.92	56279.62	56292.87500	56277.46885	56298.97656	504876.4	5410316.1
L4875.0	504876.4	5410314.8	27599.40039	383.06	0	48.845785	-86.933535	56258.34	56229.1	20.92	56279.25	56292.41016	56281.43985	56302.78516	504876.4	5410314.8
L4875.0	504876.3	5410313.5	27599.50000	383.63	0	48.845773	-86.933536	56257.75	56229.1	20.92	56278.67	56291.74219	56280.33643	56301.52344	504876.3	5410313.5
L4875.0	504876.3	5410313.5	27599.59961	382.80	0	48.845773	-86.933536	56257.34	56229.1	20.92	56278.26	56291.23828	56283.26657	56304.28906	504876.3	5410313.5
L4875.0	504876.3	5410311.7	27599.69922	383.66	0	48.845757	-86.933537	56256.40	56229.1	20.92	56277.32	56290.21094	56273.45287	56294.30469	504876.3	5410311.7
L4875.0	504876.3	5410311.7	27599.80078	384.54	0	48.845757	-86.933537	56255.42	56229.1	20.93	56276.35	56289.14844	56262.87974	56283.56250	504876.3	5410311.7
L4875.0	504876.2	5410309.7	27599.90039	384.26	0	48.845739	-86.933538	56254.79	56229.1	20.93	56275.71	56288.42188	56260.17620	56280.69141	504876.2	5410309.7
L4875.0	504876.1	5410308.1	27600.00000	382.48	0	48.845725	-86.933539	56254.72	56229.1	20.93	56275.65	56288.27344	56271.33491	56291.67969	504876.1	5410308.1
L4875.0	504876.1	5410308.1	27600.09961	382.21	0	48.845725	-86.933539	56254.27	56229.1	20.93	56275.20	56287.73438	56273.10765	56293.27734	504876.1	5410308.1
L4875.0	504876.1	5410306.2	27600.19922	382.70	0	48.845708	-86.933540	56254.10	56229.1	20.93	56275.03	56287.48047	56281.55397	56301.54688	504876.1	5410306.2
L4875.0	504876.0	5410304.7	27600.30078	383.69	0	48.845695	-86.933540	56253.95	56229.1	20.93	56274.87	56287.23438	56290.20357	56310.01953	504876.0	5410304.7
L4875.0	504876.0	5410304.7	27600.40039	384.92	0	48.845695	-86.933540	56253.41	56229.1	20.93	56274.34	56286.61719	56289.94981	56309.58594	504876.0	5410304.7
L4875.0	504876.0	5410302.7	27600.50000	386.45	0	48.845676	-86.933541	56251.75	56229.1	20.93	56272.68	56284.87500	56262.57835	56282.03516	504876.0	5410302.7
L4875.0	504876.0	5410302.7	27600.59961	385.31	0	48.845676	-86.933541	56250.86	56229.1	20.92	56271.78	56283.89063	56253.39037	56272.66406	504876.0	5410302.7
L4875.0	504875.9	5410301.1	27600.69922	383.32	0	48.845662	-86.933541	56250.84	56229.1	20.92	56271.76	56283.78906	56265.26370	56284.35156	504875.9	5410301.1
L4875.0	504875.9	5410301.1	27600.80078	381.19	0	48.845662	-86.933541	56251.21	56229.1	20.92	56272.13	56284.07422	56286.45582	56305.35938	504875.9	5410301.1
L4875.0	504875.9	5410299.3	27600.90039	383.40	0	48.845646	-86.933542	56250.91	56229.1	20.92	56271.83	56283.69141	56291.56258	56310.27734	504875.9	5410299.3
L4875.0	504875.9	5410298.2	27601.00000	386.67	0	48.845636	-86.933542	56249.82	56229.1	20.92	56270.74	56282.52344	56277.70993	56296.23828	504875.9	5410298.2
L4875.0	504875.9	5410296.6	27601.09961	386.94	0	48.845621	-86.933542	56248.99	56229.1	20.92	56269.91	56281.61328	56270.06662	56288.40625	504875.9	5410296.6
L4875.0	504875.9	5410296.6	27601.19922	377.69	0	48.845621	-86.933542	56248.16	56229.1	20.92	56269.08	56280.70313	56262.40339	56280.55078	504875.9	5410296.6
L4875.0	504875.9	5410294.7	27601.30078	379.30	0	48.845605	-86.933542	56247.76	56229.1	20.92	56268.68	56280.22656	56265.02908	56282.98047	504875.9	5410294.7
L4875.0	504875.9	5410294.7	27601.40039	379.63	0	48.845605	-86.933542	56246.91	56229.1	20.92	56267.83	56279.29688	56256.85453	56274.60938	504875.9	5410294.7
L4875.0	504875.9	5410293.4	27601.50000	377.84	0	48.845592	-86.933542	56246.39	56229.1	20.92	56267.31	56278.69922	56256.57768	56274.14063	504875.9	5410293.4
L4875.0	504875.9	5410292.0	27601.59961	374.73	0	48.845580	-86.933542	56245.38	56229.1	20.92	56266.29	56277.60547	56244.30806	56261.67188	504875.9	5410292.0
L4875.0	504875.9	5410292.0	27601.69922	377.03	0	48.845580	-86.933542	56245.66	56229.1	20.92	56266.58	56277.82031	56263.43102	56280.59375	504875.9	5410292.0
L4875.0	504875.9	5410288.9	27601.80078	377.89	0	48.845552	-86.933542	56245.11	56229.1	20.92	56266.03	56277.19531	56262.41851	56279.37891	504875.9	5410288.9
L4875.0	504875.9	5410288.9	27601.90039	378.29	0	48.845552	-86.933542	56244.89	56229.1	20.92	56265.81	56276.89844	56269.31659	56286.07813	504875.9	5410288.9
L4875.0	504876.0	5410287.0	27602.00000	377.35	0	48.845535	-86.933541	56244.02	56229.1	20.92	56264.94	56275.95703	56260.64012	56277.19922	504876.0	5410287.0
L4875.0	504876.0	5410287.0	27602.09961	374.98	0	48.845535	-86.933541	56243.44	56229.1	20.92	56264.36	56275.30469	56258.92276	56275.28125	504876.0	5410287.0
L4875.0	504876.0	5410285.7	27602.19922	373.26	0	48.845524	-86.933541	56243.23	56229.1	20.92	56264.15	56275.02344	56266.08577	56282.23828	504876.0	5410285.7
L4875.0	504876.1	5410284.4	27602.30078	371.60	0	48.845511	-86.933540	56242.41	56229.1	20.93	56263.34	56274.14063	56258.88405	56274.82813	504876.1	5410284.4
L4875.0	504876.1	5410283.0	27602.40039	374.09	0	48.845499	-86.933540	56242.02	56229.1	20.93	56262.95	56273.68359	56261.76908	56277.50781	504876.1	5410283.0
L4875.0	504876.1	5410283.0	27602.50000	374.48	0	48.845499	-86.933540	56241.03	56229.1	20.93	56261.96	56272.62500	56250.29758	56265.82813	504876.1	5410283.0
L4875.0	504876.1	5410281.2	27602.59961	375.92	0	48.845483	-86.933539	56241.04	56229.1	20.93	56261.97	56272.56641	56262.82272	56278.14844	504876.1	5410281.2
L4875.0	504876.2	5410279.7	27602.69922	375.70	0	48.845469	-86.933539	56240.52	56229.1	20.93	56261.45	56271.97656	56262.67774	56277.79297	504876.2	5410279.7
L4875.0	504876.2	5410279.7	27602.80078	376.40	0	48.845469	-86.933539	56240.63	56229.1	20.94	56261.56	56272.01953	56277.67005	56292.57422	504876.2	5410279.7
L4875.0	504876.2	5410278.1	27602.90039	375.48	0	48.845455	-86.933539	56240.24	56229.1	20.94	56261.18	56271.57422	56280.95996	56295.65234	504876.2	5410278.1
L4875.0	504876.2	5410276.6	27603.00000	375.67	0	48.845442	-86.933538	56239.45	56229.1	20.94	56260.39	56270.71875	56274.46958	56288.95313	504876.2	5410276.6
L4875.0	504876.2	5410275.5	27603.09961	375.73	0	48.845431	-86.933538	56238.74	56229.1	20.94	56259.68	56269.94531	56269.94796	56284.22266	504876.2	5410275.5
L4875.0	504876.2	5410274.1	27603.19922	378.21	0	48.845419	-86.933538	56237.71	56229.1	20.95	56258.66	56268.86328	56258.05236	56272.11719	504876.2	5410274.1
L4875.0	504876.2	5410274.1	27603.30078	387.58	0	48.845419	-86.933538	56237.51	56229.1	20.95	56258.46	56268.60156	56265.87155	56279.72266	504876.2	5410274.1
L4875.0	504876.2	5410272.5	27603.40039	386.54	0	48.845404	-86.933538	56236.23	56229	20.95	56257.18	56267.26172	56247.87114	56261.50781	504876.2	5410272.5
L4875.0	504876.2	5410272.5	27603.50000	388.44	0	48.845404	-86.933538	56235.81	56229	20.96	56256.76	56266.78125	56250.55415	56263.98438	504876.2	5410272.5
L4875.0	504876.2	5410269.6	27603.59961	388.73	0	48.845378	-86.933539	56235.18	56229	20.96	56256.14	56266.10156	56248.51946	56261.73828	504876.2	5410269.6
L4875.0	504876.2	5410269.6	27603.69922	385.62	0	48.845378	-86.933539	56235.20	56229	20.96	56256.16	56266.06250	56261.90532	56274.91406	504876.2	5410269.6
L4875.0	504876.2	5410267.8	27603.80078	387.06	0	48.845362	-86.933539	56234.68	56229	20.96	56255.64	56265.48438	56262.43453	56275.22656	504876.2	5410267.8
L4875.0	504876.2	5410267.8	27603.90039	387.85	0	48.845362	-86.933539	56233.88	56229	20.97	56254.85	56264.63672	56256.58361	56269.16797	504876.2	5410267.8
L4875.0	504876.2	5410266.4	27604.00000	387.08	0	48.845350	-86.933539	56233.89	56229	20.97	56254.86	56264.59375	56270.00354	56282.37891	504876.2	5410266.4
L4875.0	504876.2	5410266.4	27604.09961	386.77	0	48.845350	-86.933539	56233.43	56229	20.97	56254.40	56264.07813	56272.26008	56284.42969	504876.2	5410266.4
L4875.0	504876.2	5410264.9	27604.19922	385.21	0	48.845336	-86.933539	56232.85	56229	20.97	56253.82	56263.44531	56271.74724	56283.70703	504876.2	5410264.9
L4875.0	504876.2	5410263.4	27604.30078	387.44	0	48.845323	-86.933539	56231.71	56229	20.97	56252.68	56262.25391	56257.92427	56269.67188	504876.2	5410263.4
L4875.0	504876.2	5410263.4	27604.40039	385.73	0	48.845323	-86.933539	56232.29	56229	20.97	56253.26	56262.78125	56285.44356	56296.98438	504876.2	5410263.4
L4875.0	504876.2	5410262.0	27604.50000	383.78	0	48.845310	-86.933539	56230.76	56229	20.98	56251.74	56261.21094	56262.75230	56274.08984	504876.2	5410262.0
L4875.0	504876.1	5410260.8	27604.59961	380.53	0	48.845299	-86.933539	56230.12	56229	20.98	56251.09	56260.51172	56261.04081	56272.17578	504876.1	5410260.8
L4875.0	504876.1	5410260.8	27604.69922	381.40	0	48.845299	-86.933539	56230.03	56229	20.98	56251.00	56260.37500	56272.88417	56283.81641	504876.1	5410260.8
L4875.0	504876.1	5410258.9	27604.80078	378.92	0	48.845282	-86.933539	56229.96	56229	20.98	56250.94	56260.26563	56285.58443	56296.31250	504876.1	5410258.9
L4875.0	504876.1	5410257.5	27604.90039	379.40	0	48.845270	-86.933540	56230.11	56229	20.98	56251.08	56260.35938	56303.22126	56313.74609	504876.1	5410257.5
L4875.0	504876.1	5410256.3	27605.00000	381.55	0	48.845259	-86.933540	56228.27	56229	20.98	56249.25	56258.48438	56273.78905	56284.12109	504876.1	5410256.3
L4875.0	504876.1	5410254.5	27605.09961	381.15	0	48.845243	-86.933540	56228.61	56229	20.98	56249.59	56258.78125	56296.52060	56306.65625	504876.1	5410254.5
L4875.0	504876.1	5410254.5	27605.19922	381.50	0	48.845243	-86.933540	56225.85	56229	20.99	56246.83	56255.98047	56245.10921	56255.04688	504876.1	5410254.5
L4875.0	504876.1	5410253.0	27605.30078	381.20	0	48.845229	-86.933540	56226.37	56229	20.99	56247.36	56256.46875	56272.71573	56282.46094	504876.1	5410253.0
L4875.0	504876.1	5410253.0	27605.40039	379.61	0	48.845229	-86.933540	56225.05	56229	20.99	56246.04	56255.10938	56256.14919	56265.70313	504876.1	5410253.0
L4875.0	504876.1	5410251.4	27605.50000	382.45	0	48.845214	-86.933540	56225.08	56229	21.00	56246.08	56255.11328	56272.35190	56281.71875	504876.1	5410251.4
L4875.0	504876.1	5410249.8	27605.59961	384.13	0	48.845200	-86.933540	56225.08	56229	21.00	56246.08	56255.07422	56287.77332	56296.95703	504876.1	5410249.8
L4875.0	504876.1	5410248.5	27605.69922	384.04	0	48.845189	-86.933540	56224.77	56229	21.00	56245.77	56254.73047	56295.94677	56304.94531	504876.1	5410248.5
L4875.0	504876.1	5410248.5	27605.80078	383.69	0	48.845189	-86.933540	56224.20	56229	21.00	56245.20	56254.12500	56298.07526	56306.89063	504876.1	5410248.5
L4875.0	504876.1	5410246.9	27605.90039	383.78	0	48.845174	-86.933540	56222.51	56229	21.01	56243.52	56252.41016	56273.79049	56282.42969	504876.1	5410246.9
L4875.0	504876.1	5410246.9	27606.00000	384.87	0	48.845174	-86.933540	56222.09	56229	21.01	56243.10	56251.96094	56279.90122	56288.36719	504876.1	5410246.9
L4875.0	504876.1	5410245.1	27606.09961	384.28	0	48.845158	-86.933540	56219.85	56229	21.01	56240.86	56249.68750	56242.59023	56250.88672	504876.1	5410245.1
L4875.0	504876.1	5410243.7	27606.19922	386.01	0	48.845145	-86.933540	56220.03	56229	21.01	56241.04	56249.83984	56263.48638	56271.61328	504876.1	5410243.7
L4875.0	504876.1	5410243.7	27606.30078	385.20	0	48.845145	-86.933540	56218.61	56229	21.02	56239.63	56248.40234	56246.48199	56254.44141	504876.1	5410243.7
L4875.0	504876.1	5410242.2	27606.40039	384.09	0	48.845132	-86.933540	56218.37	56229	21.02	56239.39	56248.13672	56257.73303	56265.53125	504876.1	5410242.2
L4875.0	504876.0	5410240.7	27606.50000	383.06	0	48.845119	-86.933541	56218.04	56229	21.02	56239.06	56247.78125	56267.04379	56274.68750	504876.0	5410240.7
L4875.0	504876.0	5410239.5	27606.59961	383.95	0	48.845108	-86.933541	56217.56	56229	21.02	56238.58	56247.28125	56272.98016	56280.47266	504876.0	5410239.5
L4875.0	504876.0	5410239.5	27606.69922	382.71	0	48.845108	-86.933541	56217.07	56229	21.02	56238.09	56246.76953	56278.90154	56286.24609	504876.0	5410239.5
L4875.0	504875.9	5410237.7	27606.80078	384.49	0	48.845091	-86.933543	56215.54	56229	21.03	56236.56	56245.21875	56260.12461	56267.32422	504875.9	5410237.7
L4875.0	504875.9	5410236.1	27606.90039	384.79	0	48.845077	-86.933543	56215.64	56229	21.03	56236.67	56245.31250	56280.88747	56287.94531	504875.9	5410236.1
L4875.0	504875.8	5410234.5	27607.00000	386.04	0	48.845062	-86.933544	56213.83	56229	21.03	56234.86	56243.48438	56255.86742	56262.79297	504875.8	5410234.5
L4875.0	504875.8	5410234.5	27607.09961	385.90	0	48.845062	-86.933544	56213.58	56229	21.03	56234.61	56243.22266	56268.47685	56275.27344	504875.8	5410234.5
L4875.0	504875.7	5410233.1	27607.19922	385.72	0	48.845050	-86.933545	56212.34	56229	21.03	56233.37	56241.96875	56257.60062	56264.26953	504875.7	5410233.1
L4875.0	504875.7	5410233.1	27607.30078	387.95	0	48.845050	-86.933545	56211.98	56229	21.03	56233.01	56241.59766	56268.06235	56274.60938	504875.7	5410233.1
L4875.0	504875.7	5410231.1	27607.40039	386.86	0	48.845032	-86.933546	56210.87	56229	21.03	56231.90	56240.48047	56260.79737	56267.22656	504875.7	5410231.1
L4875.0	504875.6	5410229.7	27607.50000	385.86	0	48.845019	-86.933547	56210.34	56229	21.03	56231.37	56239.94141	56267.68636	56274.00781	504875.6	5410229.7
L4875.0	504875.6	5410228.1	27607.59961	384.14	0	48.845005	-86.933547	56209.64	56229	21.03	56230.67	56239.23828	56270.75638	56276.97656	504875.6	5410228.1
L4875.0	504875.6	5410228.1	27607.69922	384.09	0	48.845005	-86.933547	56208.21	56229	21.03	56229.24	56237.80469	56256.58831	56262.71094	504875.6	5410228.1
L4875.0	504875.6	5410226.4	27607.80078	385.41	0	48.844990	-86.933547	56207.81	56229	21.03	56228.84	56237.40234	56267.36890	56273.39453	504875.6	5410226.4

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4875.0	504875.6	5410225.3	27607.90039	387.30	0	48.844980	-86.933547	56206.02	56229	21.03	56227.05	56235.61328	56245.09827	56251.03516	504875.6	5410225.3
L4875.0	504875.6	5410225.3	27608.00000	386.67	0	48.844980	-86.933547	56206.12	56229	21.03	56227.15	56235.71484	56268.39447	56274.25391	504875.6	5410225.3
L4875.0	504875.6	5410223.5	27608.09961	385.17	0	48.844963	-86.933548	56204.57	56229	21.03	56225.60	56234.16797	56252.41327	56258.20313	504875.6	5410223.5
L4875.0	504875.6	5410222.2	27608.19922	382.73	0	48.844952	-86.933548	56204.28	56229	21.04	56225.32	56233.89453	56267.14405	56272.86328	504875.6	5410222.2
L4875.0	504875.6	5410222.2	27608.30078	380.56	0	48.844952	-86.933548	56203.14	56229	21.04	56224.18	56232.76563	56261.53742	56267.19531	504875.6	5410222.2
L4875.0	504875.6	5410220.7	27608.40039	383.03	0	48.844938	-86.933547	56202.55	56228.9	21.05	56223.60	56232.19531	56269.63055	56275.23047	504875.6	5410220.7
L4875.0	504875.6	5410219.3	27608.50000	382.82	0	48.844926	-86.933547	56201.55	56228.9	21.06	56222.60	56231.20703	56267.93721	56273.49219	504875.6	5410219.3
L4875.0	504875.7	5410217.4	27608.59961	383.85	0	48.844909	-86.933546	56200.15	56228.9	21.06	56221.21	56229.83594	56257.17883	56262.69531	504875.7	5410217.4
L4875.0	504875.7	5410217.4	27608.69922	384.79	0	48.844909	-86.933546	56199.31	56228.9	21.07	56220.38	56229.02344	56260.12742	56265.60938	504875.7	5410217.4
L4875.0	504875.7	5410215.6	27608.80078	386.00	0	48.844893	-86.933546	56197.70	56228.9	21.07	56218.77	56227.42969	56244.66809	56250.12500	504875.7	5410215.6
L4875.0	504875.7	5410215.6	27608.90039	390.94	0	48.844893	-86.933546	56197.37	56228.9	21.08	56218.44	56227.12500	56260.17730	56265.61328	504875.7	5410215.6
L4875.0	504875.7	5410214.3	27609.00000	389.86	0	48.844881	-86.933545	56195.59	56228.9	21.08	56216.67	56225.37891	56241.46413	56246.89063	504875.7	5410214.3
L4875.0	504875.8	5410212.7	27609.09961	386.44	0	48.844866	-86.933545	56195.42	56228.9	21.08	56216.50	56225.23438	56261.39365	56266.82031	504875.8	5410212.7
L4875.0	504875.8	5410212.7	27609.19922	385.95	0	48.844866	-86.933545	56193.46	56228.9	21.08	56214.55	56223.31250	56238.95596	56244.38672	504875.8	5410212.7
L4875.0	504875.8	5410210.9	27609.30078	387.31	0	48.844851	-86.933544	56193.02	56228.9	21.09	56214.11	56222.90625	56253.00806	56258.44922	504875.8	5410210.9
L4875.0	504875.8	5410209.6	27609.40039	388.08	0	48.844838	-86.933544	56191.60	56228.9	21.09	56212.69	56221.51953	56243.87156	56249.33203	504875.8	5410209.6
L4875.0	504875.8	5410208.0	27609.50000	387.15	0	48.844824	-86.933544	56190.38	56228.9	21.09	56211.47	56220.33594	56239.83079	56245.32422	504875.8	5410208.0
L4875.0	504875.8	5410208.0	27609.59961	385.60	0	48.844824	-86.933544	56189.58	56228.9	21.09	56210.67	56219.57422	56246.16073	56251.69531	504875.8	5410208.0
L4875.0	504875.9	5410206.2	27609.69922	385.20	0	48.844808	-86.933544	56188.18	56228.9	21.09	56209.27	56218.21875	56238.41595	56243.99609	504875.9	5410206.2
L4875.0	504875.9	5410206.2	27609.80078	383.17	0	48.844808	-86.933544	56188.21	56228.9	21.10	56209.30	56218.29297	56265.25356	56270.88672	504875.9	5410206.2
L4875.0	504875.9	5410204.4	27609.90039	385.96	0	48.844792	-86.933544	56186.34	56228.9	21.10	56207.44	56216.48047	56247.10154	56252.79688	504875.9	5410204.4
L4875.0	504875.9	5410203.2	27610.00000	387.43	0	48.844781	-86.933544	56185.58	56228.9	21.10	56206.68	56215.76953	56255.62629	56261.39844	504875.9	5410203.2
L4875.0	504875.9	5410203.2	27610.09961	386.58	0	48.844781	-86.933544	56184.21	56228.9	21.10	56205.31	56214.45313	56249.84432	56255.69922	504875.9	5410203.2
L4875.0	504875.9	5410201.6	27610.19922	387.28	0	48.844767	-86.933543	56183.40	56228.9	21.11	56204.51	56213.70703	56258.03981	56263.98438	504875.9	5410201.6
L4875.0	504875.9	5410200.1	27610.30078	388.05	0	48.844753	-86.933543	56181.59	56228.9	21.11	56202.70	56211.95313	56242.34509	56248.38672	504875.9	5410200.1
L4875.0	504875.9	5410198.5	27610.40039	386.71	0	48.844739	-86.933543	56179.13	56228.9	21.12	56200.24	56209.55469	56211.39049	56217.54297	504875.9	5410198.5
L4875.0	504875.9	5410198.5	27610.50000	383.23	0	48.844739	-86.933543	56177.76	56228.9	21.12	56198.88	56208.25781	56207.12193	56213.39453	504875.9	5410198.5
L4875.0	504875.9	5410196.8	27610.59961	385.39	0	48.844724	-86.933543	56176.44	56228.9	21.12	56197.56	56207.00391	56204.13506	56210.53906	504875.9	5410196.8
L4875.0	504875.9	5410195.7	27610.69922	386.05	0	48.844713	-86.933543	56176.29	56228.9	21.13	56197.42	56206.93359	56229.75525	56236.29297	504875.9	5410195.7
L4875.0	504875.9	5410195.7	27610.80078	386.68	0	48.844713	-86.933543	56175.26	56228.9	21.13	56196.39	56205.97656	56234.37036	56241.05469	504875.9	5410195.7
L4875.0	504875.9	5410194.1	27610.90039	388.52	0	48.844699	-86.933543	56174.96	56228.9	21.14	56196.09	56205.75391	56256.81038	56263.65234	504875.9	5410194.1
L4875.0	504875.9	5410192.7	27611.00000	388.44	0	48.844686	-86.933543	56172.39	56228.9	21.14	56193.53	56203.26953	56225.41252	56232.42188	504875.9	5410192.7
L4875.0	504875.9	5410191.5	27611.09961	386.22	0	48.844676	-86.933543	56170.16	56228.9	21.14	56191.30	56201.12109	56202.25573	56209.44531	504875.9	5410191.5
L4875.0	504875.9	5410189.8	27611.19922	385.15	0	48.844661	-86.933543	56168.45	56228.9	21.14	56189.60	56199.50781	56192.13526	56199.51172	504875.9	5410189.8
L4875.0	504875.9	5410189.8	27611.30078	387.23	0	48.844661	-86.933543	56167.09	56228.9	21.14	56188.24	56198.23438	56190.49881	56198.07031	504875.9	5410189.8
L4875.0	504875.9	5410188.2	27611.40039	386.10	0	48.844646	-86.933543	56166.00	56228.9	21.14	56187.14	56197.22266	56195.43051	56203.20703	504875.9	5410188.2
L4875.0	504875.9	5410188.2	27611.50000	386.50	0	48.844646	-86.933543	56164.20	56228.9	21.15	56185.34	56195.51563	56183.92255	56191.91797	504875.9	5410188.2
L4875.0	504876.0	5410186.6	27611.59961	385.38	0	48.844632	-86.933543	56163.32	56228.9	21.15	56184.47	56194.74219	56195.04436	56203.27344	504876.0	5410186.6
L4875.0	504876.0	5410185.5	27611.69922	384.84	0	48.844621	-86.933543	56161.95	56228.9	21.15	56183.09	56193.46094	56194.28339	56202.74609	504876.0	5410185.5
L4875.0	504876.0	5410184.1	27611.80078	383.48	0	48.844609	-86.933543	56160.77	56228.9	21.15	56181.91	56192.38281	56198.65834	56207.36719	504876.0	5410184.1
L4875.0	504876.0	5410184.1	27611.90039	382.74	0	48.844609	-86.933543	56159.98	56228.9	21.15	56181.13	56191.71094	56212.96415	56221.93359	504876.0	5410184.1
L4875.0	504876.0	5410182.8	27612.00000	382.63	0	48.844597	-86.933543	56158.91	56228.8	21.15	56180.06	56190.75000	56220.66413	56229.90234	504876.0	5410182.8
L4875.0	504876.0	5410181.2	27612.09961	383.08	0	48.844584	-86.933543	56157.00	56228.8	21.15	56178.16	56188.96094	56208.81672	56218.33594	504876.0	5410181.2
L4875.0	504876.0	5410181.2	27612.19922	383.32	0	48.844584	-86.933543	56154.86	56228.8	21.15	56176.02	56186.93750	56191.56420	56201.37500	504876.0	5410181.2
L4875.0	504876.0	5410179.6	27612.30078	381.33	0	48.844569	-86.933543	56153.28	56228.8	21.16	56174.44	56185.47266	56188.08204	56198.19141	504876.0	5410179.6
L4875.0	504876.0	5410179.6	27612.40039	380.57	0	48.844569	-86.933543	56152.03	56228.8	21.16	56173.19	56184.34766	56192.85854	56203.27734	504876.0	5410179.6
L4875.0	504876.0	5410178.3	27612.50000	382.14	0	48.844557	-86.933543	56151.24	56228.8	21.16	56172.40	56183.67969	56209.01039	56219.75000	504876.0	5410178.3
L4875.0	504876.0	5410177.0	27612.59961	381.52	0	48.844545	-86.933543	56149.30	56228.8	21.16	56170.46	56181.86719	56197.94977	56209.02344	504876.0	5410177.0
L4875.0	504875.9	5410175.8	27612.69922	383.36	0	48.844535	-86.933543	56147.67	56228.8	21.16	56168.83	56180.37109	56194.67067	56206.08594	504875.9	5410175.8
L4875.0	504875.9	5410175.8	27612.80078	385.23	0	48.844535	-86.933543	56146.38	56228.8	21.17	56167.54	56179.21484	56199.89265	56211.65625	504875.9	5410175.8
L4875.0	504875.9	5410173.8	27612.90039	385.39	0	48.844517	-86.933543	56144.75	56228.8	21.17	56165.91	56177.72266	56197.31781	56209.44531	504875.9	5410173.8
L4875.0	504875.9	5410172.2	27613.00000	387.79	0	48.844502	-86.933543	56142.88	56228.8	21.17	56164.05	56176.00000	56189.58291	56202.08203	504875.9	5410172.2
L4875.0	504875.9	5410170.8	27613.09961	385.76	0	48.844490	-86.933544	56141.09	56228.8	21.17	56162.26	56174.35547	56183.87846	56196.76563	504875.9	5410170.8
L4875.0	504875.9	5410169.7	27613.19922	386.61	0	48.844480	-86.933544	56139.77	56228.8	21.17	56160.94	56173.18359	56189.79166	56203.07031	504875.9	5410169.7
L4875.0	504875.9	5410169.7	27613.30078	385.51	0	48.844480	-86.933544	56137.84	56228.8	21.17	56159.01	56171.40234	56181.43680	56195.11719	504875.9	5410169.7
L4875.0	504875.9	5410168.4	27613.40039	386.02	0	48.844468	-86.933544	56136.41	56228.8	21.17	56157.59	56170.13672	56185.65776	56199.75000	504875.9	5410168.4
L4875.0	504875.9	5410168.4	27613.50000	384.42	0	48.844468	-86.933544	56134.83	56228.8	21.17	56156.00	56168.70313	56186.15571	56200.67188	504875.9	5410168.4
L4875.0	504875.9	5410166.6	27613.59961	385.55	0	48.844452	-86.933544	56133.56	56228.8	21.18	56154.73	56167.58984	56194.67429	56209.62500	504875.9	5410166.6
L4875.0	504875.9	5410165.0	27613.69922	385.24	0	48.844437	-86.933544	56131.07	56228.8	21.18	56152.24	56165.26172	56174.30177	56189.69531	504875.9	5410165.0
L4875.0	504875.9	5410163.6	27613.80078	385.36	0	48.844425	-86.933544	56129.25	56228.8	21.18	56150.42	56163.60938	56170.33668	56186.17969	504875.9	5410163.6
L4875.0	504875.9	5410163.6	27613.90039	386.30	0	48.844425	-86.933544	56127.24	56228.8	21.18	56148.42	56161.77734	56162.40487	56178.71094	504875.9	5410163.6
L4875.0	504875.9	5410161.6	27614.00000	385.53	0	48.844407	-86.933544	56125.66	56228.8	21.18	56146.84	56160.37109	56164.88563	56181.66797	504875.9	5410161.6
L4875.0	504875.9	5410160.0	27614.09961	385.44	0	48.844393	-86.933544	56123.54	56228.8	21.18	56144.72	56158.42578	56154.76789	56172.03125	504875.9	5410160.0
L4875.0	504875.9	5410160.0	27614.19922	385.50	0	48.844393	-86.933544	56121.96	56228.8	21.18	56143.14	56157.02344	56157.93518	56175.68750	504875.9	5410160.0
L4875.0	504875.9	5410158.5	27614.30078	386.14	0	48.844379	-86.933544	56120.57	56228.8	21.19	56141.76	56155.82422	56166.23615	56184.48828	504875.9	5410158.5
L4875.0	504875.9	5410157.1	27614.40039	386.23	0	48.844367	-86.933544	56118.75	56228.8	21.19	56139.94	56154.18750	56164.32878	56183.08984	504875.9	5410157.1
L4875.0	504875.9	5410155.6	27614.50000	385.57	0	48.844353	-86.933544	56116.83	56228.8	21.19	56138.02	56152.45313	56160.35951	56179.63672	504875.9	5410155.6
L4875.0	504875.9	5410154.4	27614.59961	385.81	0	48.844342	-86.933544	56114.45	56228.8	21.19	56135.64	56150.26172	56145.69690	56165.50391	504875.9	5410154.4
L4875.0	504875.9	5410154.4	27614.69922	382.64	0	48.844342	-86.933544	56113.23	56228.8	21.19	56134.43	56149.24609	56159.40565	56179.74609	504875.9	5410154.4
L4875.0	504875.9	5410153.0	27614.80078	384.26	0	48.844330	-86.933544	56111.04	56228.8	21.20	56132.23	56147.23828	56149.71127	56170.59375	504875.9	5410153.0
L4875.0	504875.9	5410151.6	27614.90039	386.51	0	48.844317	-86.933544	56109.44	56228.8	21.20	56130.64	56145.84766	56154.95891	56176.39063	504875.9	5410151.6
L4875.0	504875.9	5410151.6	27615.00000	385.93	0	48.844317	-86.933544	56106.69	56228.8	21.20	56127.89	56143.29688	56132.72106	56154.71484	504875.9	5410151.6
L4875.0	504875.9	5410150.2	27615.09961	386.81	0	48.844305	-86.933544	56104.58	56228.8	21.20	56125.78	56141.39063	56126.13592	56148.69922	504875.9	5410150.2
L4875.0	504875.8	5410148.8	27615.19922	386.10	0	48.844292	-86.933545	56102.33	56228.8	21.20	56123.53	56139.34766	56116.50380	56139.64063	504875.8	5410148.8
L4875.0	504875.9	5410147.6	27615.30078	384.78	0	48.844281	-86.933545	56100.52	56228.8	21.20	56121.72	56137.74609	56117.72129	56141.43750	504875.9	5410147.6
L4875.0	504875.9	5410147.6	27615.40039	384.52	0	48.844281	-86.933545	56099.63	56228.8	21.20	56120.82	56137.05469	56141.04820	56165.35547	504875.9	5410147.6
L4875.0	504875.8	5410145.8	27615.50000	383.85	0	48.844265	-86.933545	56097.48	56228.8	21.20	56118.68	56135.12891	56134.94771	56159.85156	504875.8	5410145.8
L4875.0	504875.8	5410144.1	27615.59961	386.77	0	48.844249	-86.933545	56095.86	56228.8	21.20	56117.06	56133.72656	56141.59784	56167.10547	504875.8	5410144.1
L4875.0	504875.8	5410144.1	27615.69922	388.49	0	48.844249	-86.933545	56093.66	56228.8	21.20	56114.86	56131.74219	56134.62765	56160.74609	504875.8	5410144.1
L4875.0	504875.8	5410142.9	27615.80078	387.59	0	48.844239	-86.933545	56091.51	56228.8	21.20	56112.71	56129.81250	56129.13065	56155.85938	504875.8	5410142.9
L4875.0	504875.8	5410141.5	27615.90039	387.03	0	48.844226	-86.933545	56088.98	56228.8	21.20	56110.18	56127.50391	56114.79389	56142.14453	504875.8	5410141.5
L4875.0	504875.8	5410139.9	27616.00000	387.64	0	48.844212	-86.933545	56086.34	56228.8	21.20	56107.54	56125.08984	56098.08176	56126.06250	504875.8	5410139.9
L4875.0	504875.9	5410138.1	27616.09961	383.41	0	48.844196	-86.933545	56085.11	56228.8	21.20	56106.31	56124.08594	56115.41846	56144.03125	504875.9	5410138.1
L4875.0	504875.9	5410138.1	27616.19922	383.96	0	48.844196	-86.933545	56082.64	56228.8	21.20	56103.84	56121.84375	56103.28102	56132.53125	504875.9	5410138.1
L4875.0	504875.9	5410136.7	27616.30078	384.86	0	48.844183	-86.933544	56081.74	56228.8	21.20	56102.94	56121.17578	56129.01182	56158.90234	504875.9	5410136.7
L4875.0	504875.9	5410135.4	27616.40039	384.05	0	48.844171	-86.933544	56078.83	56228.8	21.20	56100.04	56118.50781	56107.03671	56137.57422	504875.9	5410135.4
L4875.0	504875.9	5410135.4	27616.50000	384.67	0	48.844171	-86.933544	56077.60	56228.8	21.20	56098.80	56117.50391	56125.07031	56156.25781	504875.9	5410135.4
L4875.0	504875.9	5410133.9	27616.59961	384.79	0	48.844158	-86.933544	56073.56	56228.8	21.21	56094.76	56113.69922	56076.20630	56108.05078	504875.9	5410133.9
L4875.0	504875.9	5410132.1	27616.69922	385.54	0	48.844142	-86.933544	56072.31	56228.8	21.21	56093.51	56112.68750	56094.41708	56126.92188	504875.9	5410132.1
L4875.0	504875.9	5410132.1	27616.80078	386.44	0	48.844142	-86.933544	56069.68	56228.8	21.21	56090.89	56110.30469	56079.98617	56113.14844	504875.9	5410132.1
L4875.0	504875.9	5410130.8	27616.90039	387.62	0	48.844130	-86.933544	56067.68	56228.8	21.21	56088.89	56108.54688	56080.60038	56114.42969	504875.9	5410130.8
L4875.0	504875.9	5410129.6	27617.00000	385.48	0	48.844119	-86.933545	56065.96	56228.8	21.21	56087.17	56107.06641	56088.10066	56122.59766	504875.9	5410129.6
L4875.0	504875.9	5410129.6	27617.09961	386.15	0	48.844119	-86.933545	56063.48	56228.8	21.21	56084.69	56104.83203	56077.55005	56112.71875	504875.9	5410129.6

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4875.0	504875.8	5410128.0	27617.19922	389.34	0	48.844105	-86.933545	56062.01	56228.8	21.22	56083.23	56103.61719	56091.60124	56127.44141	504875.8	5410128.0
L4875.0	504875.8	5410126.2	27617.30078	389.21	0	48.844089	-86.933545	56058.17	56228.8	21.22	56079.39	56100.01953	56048.75211	56085.26563	504875.8	5410126.2
L4875.0	504875.8	5410124.3	27617.40039	386.68	0	48.844071	-86.933546	56056.27	56228.8	21.23	56077.50	56098.37891	56052.77340	56089.96094	504875.8	5410124.3
L4875.0	504875.8	5410124.3	27617.50000	385.05	0	48.844071	-86.933546	56052.91	56228.8	21.23	56074.14	56095.26563	56021.68312	56059.54688	504875.8	5410124.3
L4875.0	504875.8	5410122.9	27617.59961	386.25	0	48.844059	-86.933546	56052.42	56228.8	21.23	56073.66	56095.03516	56059.73086	56098.27344	504875.8	5410122.9
L4875.0	504875.8	5410121.4	27617.69922	385.77	0	48.844046	-86.933545	56050.94	56228.8	21.24	56072.18	56093.80469	56073.90887	56113.12891	504875.8	5410121.4
L4875.0	504875.9	5410119.8	27617.80078	386.64	0	48.844031	-86.933544	56049.18	56228.8	21.24	56070.43	56092.30469	56081.70188	56121.59766	504875.9	5410119.8
L4875.0	504875.9	5410119.8	27617.90039	386.31	0	48.844031	-86.933544	56046.89	56228.8	21.25	56068.13	56090.25391	56076.38670	56116.95703	504875.9	5410119.8
L4875.0	504875.9	5410118.5	27618.00000	385.30	0	48.844019	-86.933544	56042.71	56228.8	21.25	56063.96	56086.33594	56026.31313	56067.56250	504875.9	5410118.5
L4875.0	504875.9	5410118.5	27618.09961	383.24	0	48.844019	-86.933544	56040.99	56228.7	21.25	56062.24	56084.86719	56035.01063	56076.93750	504875.9	5410118.5
L4875.0	504876.0	5410116.9	27618.19922	382.50	0	48.844005	-86.933543	56037.88	56228.7	21.25	56059.13	56082.00781	56010.42908	56053.03125	504876.0	5410116.9
L4875.0	504876.0	5410115.7	27618.30078	381.32	0	48.843994	-86.933543	56036.72	56228.7	21.26	56057.98	56081.11328	56032.84855	56076.12109	504876.0	5410115.7
L4875.0	504876.1	5410113.8	27618.40039	384.82	0	48.843977	-86.933542	56034.29	56228.7	21.26	56055.55	56078.93359	56024.59940	56068.53906	504876.1	5410113.8
L4875.0	504876.2	5410112.5	27618.50000	386.87	0	48.843965	-86.933541	56031.86	56228.7	21.26	56053.12	56076.75781	56016.34745	56060.95703	504876.2	5410112.5
L4875.0	504876.2	5410112.5	27618.59961	388.30	0	48.843965	-86.933541	56028.80	56228.7	21.26	56050.06	56073.94922	55992.97938	56038.25781	504876.2	5410112.5
L4875.0	504876.2	5410111.1	27618.69922	387.84	0	48.843953	-86.933540	56025.79	56228.7	21.26	56047.05	56071.19141	55970.77988	56016.71875	504876.2	5410111.1
L4875.0	504876.3	5410110.0	27618.80078	387.51	0	48.843943	-86.933539	56024.20	56228.7	21.27	56045.46	56069.85156	55982.57145	56029.16797	504876.3	5410110.0
L4875.0	504876.3	5410108.6	27618.90039	386.47	0	48.843930	-86.933538	56021.70	56228.7	21.27	56042.96	56067.60547	55972.49464	56019.74219	504876.3	5410108.6
L4875.0	504876.3	5410108.6	27619.00000	387.07	0	48.843930	-86.933538	56019.90	56228.7	21.27	56041.17	56066.06641	55979.36373	56027.26563	504876.3	5410108.6
L4875.0	504876.4	5410106.5	27619.09961	388.25	0	48.843911	-86.933537	56017.09	56228.7	21.27	56038.36	56063.50391	55961.69987	56010.25000	504876.4	5410106.5
L4875.0	504876.4	5410106.5	27619.19922	388.12	0	48.843911	-86.933537	56015.24	56228.7	21.28	56036.52	56061.91406	55967.18531	56016.37500	504876.4	5410106.5
L4875.0	504876.5	5410105.1	27619.30078	387.00	0	48.843899	-86.933536	56012.28	56228.7	21.28	56033.56	56059.20313	55945.71252	55995.53516	504876.5	5410105.1
L4875.0	504876.5	5410104.0	27619.40039	386.08	0	48.843889	-86.933536	56010.52	56228.7	21.28	56031.80	56057.69141	55952.87303	56003.32422	504876.5	5410104.0
L4875.0	504876.6	5410102.1	27619.50000	385.06	0	48.843872	-86.933535	56007.86	56228.7	21.28	56029.14	56055.27734	55938.31948	55989.39453	504876.6	5410102.1
L4875.0	504876.6	5410102.1	27619.59961	383.35	0	48.843872	-86.933535	56005.02	56228.7	21.29	56026.31	56052.69531	55919.53406	55971.23047	504876.6	5410102.1
L4875.0	504876.6	5410100.2	27619.59961	383.35	0	48.843855	-86.933534	56002.70	56228.7	21.29	56023.99	56050.61719	55912.80049	55965.10547	504876.6	5410100.2
L4875.0	504876.6	5410100.2	27619.69922	383.96	0	48.843855	-86.933534	56000.45	56228.7	21.29	56021.74	56048.61328	55907.55824	55960.46484	504876.6	5410100.2
L4875.0	504876.7	5410098.4	27619.80078	386.23	0	48.843838	-86.933534	55998.73	56228.7	21.29	56020.02	56047.13281	55914.81800	55968.32031	504876.7	5410098.4
L4875.0	504876.7	5410096.4	27620.00000	375.14	0	48.843821	-86.933533	55995.62	56228.7	21.30	56016.92	56044.27344	55888.78612	55942.87500	504876.7	5410096.4
L4875.0	504876.7	5410095.1	27620.00000	375.14	0	48.843809	-86.933533	55994.45	56228.7	21.30	56015.75	56043.34375	55908.78224	55963.45313	504876.7	5410095.1
L4875.0	504876.7	5410095.1	27620.19922	375.86	0	48.843809	-86.933533	55991.44	56228.7	21.30	56012.74	56040.57031	55884.43210	55939.67578	504876.7	5410095.1
L4875.0	504876.8	5410093.7	27620.19922	385.32	0	48.843796	-86.933533	55989.95	56228.7	21.30	56011.25	56039.31641	55896.25373	55952.05859	504876.8	5410093.7
L4875.0	504876.8	5410093.7	27620.40039	382.36	0	48.843796	-86.933533	55987.52	56228.7	21.30	56008.82	56037.12109	55885.27106	55941.62891	504876.8	5410093.7
L4875.0	504876.8	5410091.9	27620.50000	384.33	0	48.843780	-86.933532	55986.03	56228.7	21.30	56007.33	56035.86328	55896.52943	55953.42969	504876.8	5410091.9
L4875.0	504876.8	5410090.6	27620.59961	384.23	0	48.843768	-86.933532	55983.75	56228.7	21.30	56005.05	56033.81250	55888.54951	55945.98438	504876.8	5410090.6
L4875.0	504876.8	5410089.1	27620.69922	384.81	0	48.843755	-86.933532	55980.92	56228.7	21.30	56002.22	56031.21094	55867.06908	55925.02734	504876.8	5410089.1
L4875.0	504876.8	5410089.1	27620.80078	382.69	0	48.843755	-86.933532	55979.35	56228.7	21.30	56000.65	56029.86328	55875.45585	55933.92578	504876.8	5410089.1
L4875.0	504876.8	5410087.8	27620.90039	382.08	0	48.843743	-86.933532	55977.07	56228.7	21.30	55998.37	56027.80859	55866.47828	55925.45313	504876.8	5410087.8
L4875.0	504876.9	5410086.0	27621.00000	384.31	0	48.843727	-86.933532	55976.36	56228.7	21.30	55997.66	56027.31641	55894.76919	55954.23438	504876.9	5410086.0
L4875.0	504876.9	5410086.0	27621.09961	385.70	0	48.843727	-86.933532	55974.37	56228.7	21.30	55995.67	56025.54688	55892.00529	55951.95313	504876.9	5410086.0
L4875.0	504876.9	5410084.5	27621.19922	386.06	0	48.843713	-86.933532	55973.48	56228.7	21.31	55994.78	56024.87109	55915.21637	55975.62891	504876.9	5410084.5
L4875.0	504876.9	5410083.0	27621.30078	386.85	0	48.843700	-86.933532	55971.20	56228.7	21.31	55992.51	56022.81250	55904.94747	55965.81641	504876.9	5410083.0
L4875.0	504876.9	5410081.5	27621.40039	386.62	0	48.843686	-86.933531	55968.40	56228.7	21.31	55989.71	56020.22266	55881.55743	55942.87109	504876.9	5410081.5
L4875.0	504876.9	5410081.5	27621.50000	385.68	0	48.843686	-86.933531	55966.20	56228.7	21.32	55987.51	56018.23047	55872.11622	55933.86328	504876.9	5410081.5
L4875.0	504876.9	5410079.8	27621.59961	384.81	0	48.843671	-86.933531	55964.66	56228.7	21.32	55985.97	56016.89453	55878.04809	55940.21094	504876.9	5410079.8
L4875.0	504876.9	5410079.8	27621.69922	385.16	0	48.843671	-86.933531	55963.82	56228.7	21.32	55985.14	56016.26563	55900.53774	55963.10938	504876.9	5410079.8
L4875.0	504876.9	5410078.3	27621.80078	386.71	0	48.843658	-86.933531	55961.19	56228.7	21.32	55982.51	56013.83203	55879.41175	55942.37500	504876.9	5410078.3
L4875.0	504877.0	5410076.5	27621.90039	388.23	0	48.843642	-86.933530	55959.59	56228.7	21.33	55980.92	56012.43750	55882.72596	55946.06641	504877.0	5410076.5
L4875.0	504877.0	5410076.5	27622.00000	388.63	0	48.843642	-86.933530	55957.20	56228.7	21.33	55978.53	56010.23828	55866.36581	55930.07031	504877.0	5410076.5
L4875.0	504877.0	5410075.0	27622.09961	387.57	0	48.843627	-86.933530	55954.89	56228.7	21.33	55976.22	56008.11719	55851.41003	55915.46875	504877.0	5410075.0
L4875.0	504877.0	5410073.5	27622.19922	386.03	0	48.843615	-86.933529	55952.41	56228.7	21.33	55973.74	56005.82031	55831.85357	55896.24609	504877.0	5410073.5
L4875.0	504877.0	5410072.4	27622.30078	386.32	0	48.843604	-86.933529	55950.62	56228.7	21.33	55971.95	56004.21094	55828.29611	55893.01172	504877.0	5410072.4
L4875.0	504877.0	5410072.4	27622.40039	388.41	0	48.843604	-86.933529	55949.05	56228.7	21.33	55970.38	56002.82031	55829.45993	55894.48438	504877.0	5410072.4
L4875.0	504877.1	5410070.7	27622.50000	387.99	0	48.843589	-86.933529	55947.45	56228.7	21.33	55968.79	56001.40234	55829.58016	55894.89844	504877.1	5410070.7
L4875.0	504877.1	5410069.1	27622.59961	390.27	0	48.843575	-86.933528	55945.98	56228.7	21.34	55967.32	56000.10156	55831.99998	55897.59375	504877.1	5410069.1
L4875.0	504877.1	5410068.0	27622.69922	389.77	0	48.843565	-86.933528	55943.84	56228.7	21.34	55965.18	55998.12891	55817.77242	55883.62891	504877.1	5410068.0
L4875.0	504877.1	5410068.0	27622.80078	387.90	0	48.843565	-86.933528	55942.32	56228.7	21.34	55963.66	55996.77344	55817.80428	55883.91016	504877.1	5410068.0
L4875.0	504877.1	5410066.6	27622.90039	387.89	0	48.843552	-86.933528	55940.93	56228.7	21.34	55962.26	55995.53125	55820.09973	55886.43750	504877.1	5410066.6
L4875.0	504877.1	5410066.6	27623.00000	386.39	0	48.843552	-86.933528	55939.64	56228.7	21.34	55960.98	55994.40625	55824.64716	55891.19922	504877.1	5410066.6
L4875.0	504877.2	5410064.6	27623.09961	386.90	0	48.843535	-86.933528	55938.32	56228.7	21.34	55959.67	55993.24609	55827.83994	55894.59375	504877.2	5410064.6
L4875.0	504877.2	5410063.2	27623.19922	384.60	0	48.843521	-86.933527	55937.41	56228.7	21.34	55958.76	55992.48438	55839.97315	55906.91016	504877.2	5410063.2
L4875.0	504877.2	5410061.8	27623.30078	383.89	0	48.843509	-86.933527	55935.48	56228.7	21.35	55956.83	55990.69922	55827.00116	55894.10547	504877.2	5410061.8
L4875.0	504877.2	5410060.3	27623.40039	384.18	0	48.843495	-86.933527	55933.36	56228.7	21.35	55954.71	55988.71875	55808.80671	55876.06250	504877.2	5410060.3
L4875.0	504877.2	5410060.3	27623.50000	383.28	0	48.843495	-86.933527	55931.70	56228.7	21.35	55953.04	55987.18359	55800.71881	55868.11328	504877.2	5410060.3
L4875.0	504877.2	5410058.9	27623.59961	383.86	0	48.843483	-86.933527	55930.02	56228.6	21.35	55951.38	55985.65234	55792.18122	55859.69531	504877.2	5410058.9
L4875.0	504877.2	5410057.5	27623.69922	386.35	0	48.843470	-86.933527	55928.13	56228.6	21.35	55949.48	55983.87891	55777.19186	55844.80859	504877.2	5410057.5
L4875.0	504877.2	5410057.5	27623.80078	388.94	0	48.843470	-86.933527	55927.09	56228.6	21.36	55948.45	55982.97266	55782.34546	55850.04688	504877.2	5410057.5
L4875.0	504877.2	5410056.0	27623.90039	388.41	0	48.843457	-86.933527	55926.08	56228.6	21.36	55947.44	55982.07813	55787.25961	55855.03125	504877.2	5410056.0
L4875.0	504877.2	5410054.7	27624.00000	390.90	0	48.843445	-86.933527	55924.96	56228.6	21.36	55946.32	55981.07422	55788.80915	55856.63672	504877.2	5410054.7
L4875.0	504877.2	5410054.7	27624.09961	391.41	0	48.843445	-86.933527	55922.84	56228.6	21.36	55944.20	55979.06250	55765.65345	55833.51563	504877.2	5410054.7
L4875.0	504877.2	5410053.3	27624.19922	390.15	0	48.843432	-86.933527	55921.81	56228.6	21.36	55943.16	55978.12891	55767.63731	55835.51953	504877.2	5410053.3
L4875.0	504877.2	5410052.2	27624.30078	389.05	0	48.843423	-86.933527	55919.96	56228.6	21.35	55941.31	55976.37891	55749.45258	55817.33984	504877.2	5410052.2
L4875.0	504877.2	5410050.7	27624.40039	386.68	0	48.843410	-86.933527	55919.45	56228.6	21.35	55940.81	55975.97656	55762.86206	55830.73828	504877.2	5410050.7
L4875.0	504877.2	5410049.1	27624.50000	388.14	0	48.843394	-86.933527	55918.72	56228.7	21.35	55940.07	55975.32813	55769.74859	55837.59375	504877.2	5410049.1
L4875.0	504877.2	5410049.1	27624.59961	388.84	0	48.843394	-86.933527	55918.34	56228.7	21.35	55939.69	55975.03516	55784.48537	55852.28516	504877.2	5410049.1
L4875.0	504877.2	5410048.0	27624.69922	388.81	0	48.843385	-86.933527	55917.05	56228.7	21.35	55938.39	55973.82031	55776.38593	55844.12500	504877.2	5410048.0
L4875.0	504877.2	5410046.3	27624.80078	388.22	0	48.843370	-86.933528	55915.89	56228.7	21.34	55937.23	55972.73828	55770.84939	55838.50781	504877.2	5410046.3
L4875.0	504877.2	5410046.3	27624.90039	388.49	0	48.843370	-86.933528	55914.97	56228.7	21.34	55936.31	55971.89453	55770.26583	55837.83203	504877.2	5410046.3
L4875.0	504877.1	5410044.5	27625.00000	388.05	0	48.843354	-86.933528	55913.43	56228.7	21.34	55934.77	55970.42188	55754.01630	55821.46875	504877.1	5410044.5
L4875.0	504877.1	5410043.0	27625.09961	389.76	0	48.843340	-86.933529	55912.68	56228.7	21.34	55934.02	55969.73828	55755.88969	55823.21484	504877.1	5410043.0
L4875.0	504877.1	5410040.9	27625.19922	390.06	0	48.843321	-86.933529	55911.74	56228.7	21.34	55933.08	55968.85938	55752.39154	55819.57031	504877.1	5410040.9
L4875.0	504877.1	5410040.9	27625.30078	387.85	0	48.843321	-86.933529	55911.51	56228.7	21.34	55932.85	55968.68750	55765.08770	55832.10547	504877.1	5410040.9
L4875.0	504877.0	5410039.4	27625.40039	387.42	0	48.843307	-86.933530	55910.52	56228.7	21.34	55931.87	55967.76172	55758.97973	55825.82422	504877.0	5410039.4
L4875.0	504877.0	5410039.4	27625.50000	386.41	0	48.843307	-86.933530	55909.69	56228.7	21.35	55931.03	55966.96875	55755.39447	55822.04688	504877.0	5410039.4
L4875.0	504876.9	5410036.9	27625.59961	384.27	0	48.843285	-86.933531	55908.45	56228.7	21.35	55929.79	55965.77344	55741.38481	55807.82422	504876.9	5410036.9
L4875.0	504876.9	5410036.9	27625.69922	384.75	0	48.843285	-86.933531	55907.54	56228.7	21.35	55928.89	55964.91406	55734.68310	55800.89844	504876.9	5410036.9
L4875.0	504876.9	5410035.5	27625.80078	386.53	0	48.843273	-86.933532	55906.75	56228.7	21.35	55928.10	55964.15625	55729.77304	55795.75000	504876.9	5410035.5
L4875.0	504876.9	5410035.5	27625.90039	389.27	0	48.843273	-86.933532	55905.96	56228.7	21.35	55927.31	55963.39844	55724.01488	55789.73828	504876.9	5410035.5
L4875.0	504876.7	5410032.7	27626.00000	390.81	0	48.843247	-86.933534	55905.96	56228.7	21.35	55927.31	55963.42578	55736.34050	55801.79297	504876.7	5410032.7
L4875.0	504876.7	5410032.7	27626.09961	389.53	0	48.843247	-86.933534	55905.21	56228.7	21.35	55926.56	55962.69922	55729.83657	55795.00391	504876.7	5410032.7
L4875.0	504876.6	5410031.2	27626.19922	388.68	0	48.843234	-86.933536	55905.06	56228.7	21.35	55926.41	55962.56641	55736.85786	55801.72266	504876.6	5410031.2
L4875.0	504876.6	5410031.2	27626.30078	384.38	0	48.843234	-86.933536	55904.61	56228.7	21.35	55925.95	55962.12109	55735.59171	55800.14453	504876.6	5410031.2
L4875.0	504876.5	5410029.9	27626.40039	384.54	0	48.843222	-86.933537	55904.78	56228.7	21.35	55926.12	55962.30078	55748.56676	55812.78906	504876.5	5410029.9

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4875.0	504876.5	5410028.3	27626.50000	385.22	0	48.843208	-86.933538	55904.15	56228.7	21.34	55925.50	55961.68750	55741.74745	55805.62500	504876.5	5410028.3
L4875.0	504876.4	5410026.5	27626.59961	385.59	0	48.843192	-86.933539	55903.64	56228.7	21.34	55924.99	55961.17969	55736.70452	55800.22266	504876.4	5410026.5
L4875.0	504876.4	5410026.5	27626.69922	388.30	0	48.843192	-86.933539	55903.24	56228.7	21.34	55924.58	55960.76953	55733.19817	55796.34375	504876.4	5410026.5
L4875.0	504876.3	5410025.0	27626.80078	385.97	0	48.843178	-86.933539	55903.88	56228.7	21.34	55925.22	55961.40234	55753.99839	55816.75781	504876.3	5410025.0
L4875.0	504876.3	5410025.0	27626.90039	385.58	0	48.843178	-86.933539	55903.97	56228.7	21.34	55925.31	55961.48438	55760.75700	55823.11719	504876.3	5410025.0
L4875.0	504876.3	5410023.0	27627.00000	385.48	0	48.843160	-86.933540	55903.39	56228.7	21.34	55924.73	55960.89063	55750.59898	55812.54688	504876.3	5410023.0
L4875.0	504876.3	5410021.5	27627.09961	384.44	0	48.843147	-86.933540	55902.33	56228.7	21.34	55923.67	55959.81250	55728.07985	55789.60156	504876.3	5410021.5
L4875.0	504876.3	5410020.4	27627.19922	384.65	0	48.843137	-86.933540	55901.95	56228.7	21.34	55923.28	55959.40234	55720.76489	55781.84766	504876.3	5410020.4
L4875.0	504876.3	5410020.4	27627.30078	385.13	0	48.843137	-86.933540	55901.39	56228.7	21.34	55922.73	55958.82422	55708.76305	55769.39453	504876.3	5410020.4
L4875.0	504876.2	5410019.0	27627.40039	385.74	0	48.843124	-86.933541	55901.49	56228.7	21.34	55922.83	55958.89844	55711.49131	55771.66016	504876.2	5410019.0
L4875.0	504876.2	5410017.4	27627.50000	384.61	0	48.843110	-86.933541	55901.75	56228.7	21.33	55923.08	55959.11328	55716.96896	55776.66016	504876.2	5410017.4
L4875.0	504876.2	5410017.4	27627.59961	383.77	0	48.843110	-86.933541	55902.27	56228.7	21.33	55923.61	55959.60938	55728.31558	55787.51953	504876.2	5410017.4
L4875.0	504876.2	5410015.8	27627.69922	385.05	0	48.843095	-86.933541	55902.61	56228.7	21.33	55923.94	55959.89844	55734.03068	55792.73438	504876.2	5410015.8
L4875.0	504876.2	5410014.4	27627.80078	387.16	0	48.843083	-86.933541	55902.15	56228.7	21.33	55923.48	55959.39453	55719.97771	55778.17188	504876.2	5410014.4
L4875.0	504876.2	5410013.3	27627.90039	387.34	0	48.843073	-86.933541	55902.61	56228.7	21.33	55923.94	55959.80859	55727.14709	55784.82422	504876.2	5410013.3
L4875.0	504876.2	5410013.3	27628.00000	390.23	0	48.843073	-86.933541	55903.11	56228.7	21.33	55924.44	55960.25781	55734.45243	55791.59766	504876.2	5410013.3
L4875.0	504876.2	5410011.7	27628.09961	389.17	0	48.843058	-86.933542	55904.78	56228.7	21.33	55926.11	55961.87500	55768.98353	55825.58203	504876.2	5410011.7
L4875.0	504876.2	5410010.2	27628.19922	388.42	0	48.843045	-86.933542	55904.91	56228.7	21.33	55926.24	55961.94922	55765.79329	55821.83984	504876.2	5410010.2
L4875.0	504876.2	5410008.6	27628.30078	385.00	0	48.843031	-86.933542	55904.28	56228.7	21.34	55925.61	55961.25781	55743.58359	55799.07031	504876.2	5410008.6
L4875.0	504876.2	5410007.3	27628.40039	385.20	0	48.843019	-86.933542	55903.52	56228.7	21.34	55924.86	55960.44531	55717.70118	55772.61719	504876.2	5410007.3
L4875.0	504876.2	5410007.3	27628.50000	386.34	0	48.843019	-86.933542	55904.40	56228.7	21.34	55925.74	55961.26172	55730.09781	55784.43359	504876.2	5410007.3
L4875.0	504876.2	5410005.9	27628.59961	385.35	0	48.843007	-86.933542	55905.67	56228.7	21.34	55927.01	55962.46094	55751.06111	55804.80859	504876.2	5410005.9
L4875.0	504876.2	5410005.9	27628.69922	383.85	0	48.843007	-86.933542	55907.11	56228.7	21.34	55928.45	55963.82813	55775.32658	55828.47266	504876.2	5410005.9
L4875.0	504876.2	5410004.6	27628.80078	382.55	0	48.842995	-86.933541	55908.40	56228.7	21.35	55929.74	55965.04688	55795.23333	55847.77734	504876.2	5410004.6
L4875.0	504876.2	5410003.2	27628.90039	384.17	0	48.842982	-86.933541	55908.42	56228.7	21.35	55929.77	55964.99609	55784.18607	55836.11719	504876.2	5410003.2
L4875.0	504876.2	5410003.2	27629.00000	386.32	0	48.842982	-86.933541	55908.52	56228.7	21.35	55929.87	55965.01563	55774.07203	55825.38281	504876.2	5410003.2
L4875.0	504876.3	5410000.6	27629.09961	386.63	0	48.842959	-86.933540	55908.57	56228.7	21.35	55929.92	55964.98438	55762.02510	55812.70703	504876.3	5410000.6
L4875.0	504876.3	5410000.6	27629.19922	383.64	0	48.842959	-86.933540	55909.66	56228.7	21.35	55931.01	55965.98828	55774.18096	55824.22656	504876.3	5410000.6
L4875.0	504876.3	5409999.3	27629.30078	382.97	0	48.842947	-86.933540	55910.42	56228.7	21.35	55931.76	55966.64844	55777.47452	55826.87891	504876.3	5409999.3
L4875.0	504876.3	5409999.3	27629.40039	382.17	0	48.842947	-86.933540	55911.46	56228.7	21.35	55932.80	55967.59766	55787.01688	55835.77734	504876.3	5409999.3
L4875.0	504876.4	5409996.1	27629.50000	382.28	0	48.842918	-86.933539	55911.71	56228.7	21.34	55933.06	55967.76563	55777.17382	55825.28125	504876.4	5409996.1
L4875.0	504876.4	5409996.1	27629.59961	384.03	0	48.842918	-86.933539	55912.80	56228.7	21.34	55934.14	55968.75000	55786.30616	55833.75391	504876.4	5409996.1
L4875.0	504876.4	5409994.7	27629.69922	386.41	0	48.842906	-86.933539	55913.48	56228.7	21.34	55934.82	55969.33203	55785.18519	55831.96875	504876.4	5409994.7
L4875.0	504876.4	5409994.7	27629.80078	386.40	0	48.842906	-86.933539	55914.37	56228.7	21.34	55935.71	55970.12109	55788.44404	55834.55859	504876.4	5409994.7
L4875.0	504876.4	5409992.8	27629.90039	385.56	0	48.842888	-86.933539	55914.67	56228.7	21.34	55936.01	55970.32031	55776.92123	55822.36328	504876.4	5409992.8
L4875.0	504876.4	5409991.2	27630.00000	386.76	0	48.842874	-86.933539	55915.73	56228.7	21.34	55937.07	55971.27344	55782.98693	55827.75391	504876.4	5409991.2
L4875.0	504876.4	5409991.2	27630.09961	386.24	0	48.842874	-86.933539	55916.62	56228.7	21.34	55937.96	55972.05859	55784.36444	55828.44922	504876.4	5409991.2
L4875.0	504876.4	5409989.6	27630.19922	384.27	0	48.842859	-86.933538	55917.98	56228.7	21.33	55939.31	55973.29688	55796.16752	55839.56641	504876.4	5409989.6
L4875.0	504876.4	5409988.2	27630.30078	386.51	0	48.842847	-86.933538	55919.61	56228.7	21.33	55940.93	55974.80859	55813.85641	55856.56641	504876.4	5409988.2
L4875.0	504876.4	5409986.8	27630.40039	388.06	0	48.842834	-86.933538	55920.87	56228.7	21.32	55942.19	55975.95313	55822.34569	55864.36719	504876.4	5409986.8
L4875.0	504876.4	5409986.8	27630.50000	386.65	0	48.842834	-86.933538	55921.78	56228.7	21.32	55943.10	55976.75000	55821.88975	55863.21875	504876.4	5409986.8
L4875.0	504876.5	5409985.4	27630.59961	385.88	0	48.842822	-86.933538	55922.82	56228.7	21.32	55944.14	55977.67578	55824.00823	55864.64063	504876.5	5409985.4
L4875.0	504876.5	5409985.4	27630.69922	385.38	0	48.842822	-86.933538	55923.30	56228.7	21.31	55944.61	55978.02734	55811.93867	55851.87109	504876.5	5409985.4
L4875.0	504876.4	5409981.8	27630.80078	383.43	0	48.842790	-86.933538	55923.93	56228.7	21.31	55945.24	55978.53516	55803.19320	55842.42578	504876.4	5409981.8
L4875.0	504876.4	5409981.8	27630.90039	383.46	0	48.842790	-86.933538	55925.29	56228.7	21.30	55946.60	55979.77344	55811.44924	55849.98438	504876.4	5409981.8
L4875.0	504876.4	5409980.8	27631.00000	384.44	0	48.842780	-86.933539	55926.84	56228.7	21.30	55948.14	55981.19141	55823.54019	55861.37500	504876.4	5409980.8
L4875.0	504876.4	5409980.8	27631.09961	385.86	0	48.842780	-86.933539	55928.20	56228.7	21.30	55949.50	55982.42578	55830.85358	55867.98438	504876.4	5409980.8
L4875.0	504876.4	5409977.8	27631.19922	386.96	0	48.842753	-86.933539	55929.14	56228.7	21.30	55950.44	55983.24219	55827.65326	55864.07813	504876.4	5409977.8
L4875.0	504876.4	5409977.8	27631.30078	385.83	0	48.842753	-86.933539	55930.10	56228.7	21.30	55951.40	55984.07422	55824.50153	55860.22266	504876.4	5409977.8
L4875.0	504876.3	5409975.7	27631.40039	384.44	0	48.842734	-86.933540	55930.78	56228.7	21.30	55952.09	55984.63672	55814.46415	55849.48438	504876.3	5409975.7
L4875.0	504876.3	5409974.3	27631.50000	382.25	0	48.842722	-86.933540	55932.10	56228.7	21.31	55953.40	55985.81641	55818.88932	55853.20703	504876.3	5409974.3
L4875.0	504876.3	5409974.3	27631.59961	384.14	0	48.842722	-86.933540	55933.74	56228.7	21.31	55955.05	55987.33594	55831.08271	55864.69922	504876.3	5409974.3
L4875.0	504876.3	5409972.9	27631.69922	384.14	0	48.842709	-86.933541	55935.46	56228.7	21.31	55956.77	55988.92188	55844.58979	55877.50000	504876.3	5409972.9
L4875.0	504876.3	5409971.4	27631.80078	386.68	0	48.842696	-86.933541	55937.04	56228.7	21.31	55958.34	55990.35938	55854.15452	55886.36719	504876.3	5409971.4
L4875.0	504876.3	5409971.4	27631.90039	387.49	0	48.842696	-86.933541	55938.20	56228.7	21.31	55959.50	55991.38281	55853.56220	55885.07813	504876.3	5409971.4
L4875.0	504876.3	5409969.7	27632.00000	388.69	0	48.842680	-86.933541	55939.59	56228.7	21.31	55960.90	55992.64844	55858.40914	55889.22656	504876.3	5409969.7
L4875.0	504876.2	5409968.3	27632.09961	389.40	0	48.842668	-86.933541	55940.83	56228.7	21.31	55962.14	55993.75000	55859.12522	55889.24609	504876.2	5409968.3
L4875.0	504876.2	5409967.0	27632.19922	388.07	0	48.842657	-86.933541	55942.37	56228.7	21.31	55963.67	55995.14453	55866.51320	55895.93750	504876.2	5409967.0
L4875.0	504876.2	5409967.0	27632.30078	388.65	0	48.842657	-86.933541	55944.21	56228.7	21.30	55965.52	55996.85547	55881.30928	55910.04297	504876.2	5409967.0
L4875.0	504876.2	5409965.1	27632.40039	389.64	0	48.842639	-86.933541	55945.71	56228.7	21.30	55967.01	55998.20313	55887.23234	55915.28125	504876.2	5409965.1
L4875.0	504876.2	5409963.3	27632.50000	389.58	0	48.842623	-86.933541	55947.10	56228.7	21.30	55968.40	55999.45313	55890.53123	55917.89453	504876.2	5409963.3
L4875.0	504876.2	5409963.3	27632.59961	388.82	0	48.842623	-86.933541	55948.06	56228.7	21.30	55969.36	56000.27344	55883.31360	55909.99219	504876.2	5409963.3
L4875.0	504876.3	5409961.7	27632.69922	387.57	0	48.842609	-86.933541	55949.13	56228.7	21.30	55970.42	56001.19141	55878.29962	55904.29688	504876.3	5409961.7
L4875.0	504876.3	5409961.7	27632.80078	385.56	0	48.842609	-86.933541	55950.14	56228.7	21.29	55971.43	56002.05859	55871.91112	55897.23047	504876.3	5409961.7
L4875.0	504876.3	5409960.1	27632.90039	383.28	0	48.842594	-86.933541	55951.68	56228.7	21.29	55972.97	56003.45313	55878.06655	55902.71484	504876.3	5409960.1
L4875.0	504876.3	5409958.5	27633.00000	385.13	0	48.842580	-86.933541	55953.98	56228.7	21.29	55975.27	56005.60938	55902.29546	55926.27734	504876.3	5409958.5
L4875.0	504876.3	5409958.5	27633.09961	385.17	0	48.842580	-86.933541	55956.03	56228.7	21.29	55977.32	56007.51563	55920.40692	55943.71875	504876.3	5409958.5
L4875.0	504876.3	5409957.3	27633.19922	385.80	0	48.842569	-86.933541	55957.82	56228.7	21.29	55979.11	56009.15625	55932.17796	55954.82813	504876.3	5409957.3
L4875.0	504876.3	5409955.7	27633.30078	384.01	0	48.842554	-86.933541	55958.54	56228.7	21.29	55979.83	56009.73047	55918.21105	55940.20313	504876.3	5409955.7
L4875.0	504876.3	5409955.7	27633.40039	384.52	0	48.842554	-86.933541	55959.62	56228.7	21.29	55980.91	56010.66406	55912.79698	55934.14063	504876.3	5409955.7
L4875.0	504876.3	5409953.5	27633.50000	383.75	0	48.842535	-86.933541	55960.78	56228.7	21.29	55982.07	56011.67578	55909.24105	55929.93750	504876.3	5409953.5
L4875.0	504876.3	5409952.1	27633.59961	384.67	0	48.842523	-86.933541	55962.58	56228.7	21.29	55983.87	56013.32813	55920.98154	55941.03125	504876.3	5409952.1
L4875.0	504876.3	5409950.8	27633.69922	384.67	0	48.842510	-86.933540	55964.43	56228.7	21.29	55985.72	56015.03125	55933.89334	55953.30469	504876.3	5409950.8
L4875.0	504876.3	5409950.8	27633.80078	386.70	0	48.842510	-86.933540	55966.40	56228.7	21.29	55987.69	56016.85156	55949.67007	55968.44922	504876.3	5409950.8
L4875.0	504876.3	5409949.3	27633.90039	386.56	0	48.842497	-86.933540	55968.04	56228.7	21.29	55989.33	56018.34375	55957.54179	55975.69141	504876.3	5409949.3
L4875.0	504876.3	5409949.3	27634.00000	385.10	0	48.842497	-86.933540	55969.11	56228.7	21.29	55990.40	56019.26172	55951.77165	55969.30078	504876.3	5409949.3
L4875.0	504876.3	5409946.2	27634.09961	384.83	0	48.842470	-86.933541	55970.29	56228.7	21.29	55991.58	56020.29297	55948.67325	55965.58203	504876.3	5409946.2
L4875.0	504876.3	5409946.2	27634.19922	386.54	0	48.842470	-86.933541	55971.51	56228.7	21.29	55992.80	56021.35938	55946.58390	55962.87891	504876.3	5409946.2
L4875.0	504876.3	5409944.9	27634.30078	384.91	0	48.842457	-86.933541	55973.56	56228.7	21.29	55994.85	56023.26172	55964.45324	55980.14063	504876.3	5409944.9
L4875.0	504876.3	5409944.9	27634.40039	384.52	0	48.842457	-86.933541	55974.97	56228.7	21.29	55996.26	56024.51953	55967.06287	55982.15234	504876.3	5409944.9
L4875.0	504876.3	5409943.1	27634.50000	385.44	0	48.842442	-86.933541	55976.54	56228.7	21.29	55997.83	56025.93750	55973.60165	55988.09766	504876.3	5409943.1
L4875.0	504876.3	5409941.5	27634.59961	386.62	0	48.842427	-86.933541	55978.06	56228.7	21.28	55999.34	56027.29297	55978.81079	55992.71484	504876.3	5409941.5
L4875.0	504876.3	5409941.5	27634.69922	385.84	0	48.842427	-86.933541	55979.38	56228.7	21.28	56000.66	56028.46094	55979.58836	55992.90625	504876.3	5409941.5
L4875.0	504876.3	5409939.8	27634.80078	385.31	0	48.842411	-86.933541	55980.82	56228.7	21.28	56002.10	56029.75000	55983.37813	55996.12109	504876.3	5409939.8
L4875.0	504876.2	5409937.8	27634.90039	387.78	0	48.842394	-86.933542	55982.21	56228.7	21.28	56003.49	56030.98828	55986.11893	55998.28906	504876.2	5409937.8
L4875.0	504876.2	5409936.6	27635.00000	388.59	0	48.842383	-86.933542	55983.63	56228.7	21.28	56004.90	56032.24219	55989.50166	56001.10938	504876.2	5409936.6
L4875.0	504876.2	5409936.6	27635.09961	386.77	0	48.842383	-86.933542	55984.91	56228.7	21.28	56006.19	56033.37891	55990.18366	56001.23047	504876.2	5409936.6
L4875.0	504876.2	5409936.6	27635.19922	386.87	0	48.842383	-86.933542	55986.58	56228.7	21.28	56007.86	56034.89453	56000.16153	56010.65234	504876.2	5409936.6
L4875.0	504876.2	5409934.3	27635.30078	384.42	0	48.842363	-86.933543	55988.00	56228.7	21.27	56009.27	56036.15234	56004.10802	56014.05469	504876.2	5409934.3
L4875.0	504876.2	5409933.2	27635.40039	384.99	0	48.842352	-86.933543	55989.77	56228.7	21.27	56011.04	56037.76953	56016.89532	56026.30078	504876.2	5409933.2
L4875.0	504876.1	5409932.0	27635.50000	385.99	0	48.842342	-86.933543	55990.84	56228.7	21.27	56012.11	56038.68359	56013.12899	56022.00391	504876.1	5409932.0
L4875.0	504876.1	5409930.3	27635.59961	385.51	0	48.842326	-86.933543	55992.25	56228.7	21.27	56013.51	56039.92969	56017.50754	56025.85547	504876.1	5409930.3
L4875.0	504876.1	5409930.3	27635.69922	385.51	0	48.842326	-86.933543	55993.62	56228.7	21.27	56014.89	56041.15625	56021.65325	56029.47656	504876.1	5409930.3

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4875.0	504876.1	5409928.3	27635.80078	384.11	0	48.842308	-86.933544	55994.61	56228.7	21.26	56015.87	56041.98047	56016.46905	56023.77734	504876.1	5409928.3
L4875.0	504876.1	5409927.0	27635.90039	382.69	0	48.842297	-86.933544	55995.96	56228.7	21.26	56017.23	56043.18359	56020.66050	56027.46094	504876.1	5409927.0
L4875.0	504876.1	5409927.0	27636.00000	384.09	0	48.842297	-86.933544	55997.16	56228.7	21.26	56018.42	56044.21875	56021.05533	56027.35547	504876.1	5409927.0
L4875.0	504876.1	5409925.6	27636.09961	384.88	0	48.842284	-86.933544	55999.00	56228.7	21.26	56020.26	56045.90625	56037.31720	56043.12109	504876.1	5409925.6
L4875.0	504876.1	5409924.0	27636.19922	384.27	0	48.842270	-86.933544	56000.14	56228.7	21.26	56021.40	56046.89063	56037.09874	56042.41406	504876.1	5409924.0
L4875.0	504876.1	5409924.0	27636.30078	384.70	0	48.842270	-86.933544	56001.56	56228.7	21.26	56022.82	56048.15625	56043.89786	56048.73047	504876.1	5409924.0
L4875.0	504876.1	5409922.2	27636.40039	384.27	0	48.842253	-86.933544	56001.81	56228.7	21.26	56023.07	56048.25000	56022.96974	56027.32813	504876.1	5409922.2
L4875.0	504876.1	5409921.0	27636.50000	385.71	0	48.842243	-86.933544	56003.18	56228.7	21.26	56024.44	56049.46484	56029.20979	56033.10156	504876.1	5409921.0
L4875.0	504876.1	5409921.0	27636.59961	386.13	0	48.842243	-86.933544	56004.39	56228.7	21.25	56025.65	56050.51953	56031.94712	56035.37500	504876.1	5409921.0
L4875.0	504876.0	5409919.5	27636.69922	385.82	0	48.842229	-86.933545	56006.01	56228.7	21.25	56027.27	56051.98438	56044.85140	56047.82031	504876.0	5409919.5
L4875.0	504876.0	5409918.4	27636.80078	386.20	0	48.842219	-86.933545	56007.33	56228.7	21.25	56028.58	56053.13672	56050.67319	56053.19141	504876.0	5409918.4
L4875.0	504876.0	5409918.4	27636.90039	386.57	0	48.842219	-86.933545	56008.67	56228.7	21.25	56029.92	56054.32422	56057.56886	56059.64453	504876.0	5409918.4
L4875.0	504876.0	5409916.4	27637.00000	386.40	0	48.842201	-86.933545	56009.63	56228.8	21.25	56030.88	56055.12891	56055.71841	56057.35938	504876.0	5409916.4
L4875.0	504876.0	5409915.4	27637.09961	390.24	0	48.842192	-86.933545	56010.16	56228.8	21.25	56031.41	56055.50000	56043.92999	56045.14063	504876.0	5409915.4
L4875.0	504876.0	5409915.4	27637.19922	389.72	0	48.842192	-86.933545	56011.12	56228.8	21.24	56032.36	56056.29688	56042.58268	56043.36719	504876.0	5409915.4
L4875.0	504876.0	5409913.5	27637.30078	387.48	0	48.842175	-86.933545	56011.83	56228.8	21.24	56033.07	56056.85156	56035.86348	56036.23047	504876.0	5409913.5
L4875.0	504876.0	5409911.9	27637.40039	389.01	0	48.842161	-86.933545	56012.76	56228.8	21.24	56034.00	56057.62500	56034.80326	56034.75781	504876.0	5409911.9
L4875.0	504876.0	5409911.9	27637.50000	387.63	0	48.842161	-86.933545	56013.30	56228.8	21.24	56034.53	56058.00000	56024.54706	56024.09766	504876.0	5409911.9
L4875.0	504876.1	5409908.9	27637.59961	386.74	0	48.842134	-86.933544	56014.48	56228.8	21.23	56035.71	56059.02734	56030.26627	56029.41797	504876.1	5409908.9
L4875.0	504876.1	5409908.9	27637.69922	386.74	0	48.842134	-86.933544	56015.75	56228.8	21.23	56036.97	56060.12891	56038.30367	56037.06250	504876.1	5409908.9
L4875.0	504876.1	5409907.4	27637.80078	385.69	0	48.842120	-86.933544	56016.64	56228.8	21.23	56037.86	56060.86719	56037.87789	56036.25000	504876.1	5409907.4
L4875.0	504876.1	5409907.4	27637.90039	385.92	0	48.842120	-86.933544	56017.32	56228.8	21.22	56038.54	56061.39063	56032.82777	56030.82031	504876.1	5409907.4
L4875.0	504876.1	5409905.8	27638.00000	385.23	0	48.842105	-86.933544	56017.75	56228.8	21.22	56038.97	56061.66797	56022.19818	56019.81641	504876.1	5409905.8
L4875.0	504876.1	5409904.2	27638.09961	385.90	0	48.842091	-86.933544	56018.53	56228.8	21.22	56039.75	56062.29297	56020.37327	56017.62109	504876.1	5409904.2
L4875.0	504876.1	5409903.0	27638.19922	386.70	0	48.842081	-86.933544	56019.50	56228.8	21.21	56040.71	56063.09766	56023.28145	56020.16406	504876.1	5409903.0
L4875.0	504876.1	5409901.7	27638.30078	384.29	0	48.842068	-86.933544	56020.75	56228.8	21.21	56041.96	56064.19531	56033.56185	56030.08984	504876.1	5409901.7
L4875.0	504876.1	5409901.7	27638.40039	384.61	0	48.842068	-86.933544	56021.90	56228.8	21.20	56043.10	56065.18359	56041.62960	56037.80469	504876.1	5409901.7
L4875.0	504876.1	5409900.1	27638.50000	384.17	0	48.842054	-86.933544	56022.86	56228.8	21.20	56044.06	56065.98828	56045.80898	56041.64063	504876.1	5409900.1
L4875.0	504876.1	5409898.5	27638.59961	383.40	0	48.842040	-86.933544	56023.92	56228.8	21.20	56045.11	56066.88672	56052.57310	56048.06641	504876.1	5409898.5
L4875.0	504876.1	5409898.5	27638.69922	385.54	0	48.842040	-86.933544	56024.81	56228.8	21.19	56046.00	56067.62500	56055.93138	56051.08984	504876.1	5409898.5
L4875.0	504876.1	5409897.1	27638.80078	385.14	0	48.842028	-86.933544	56025.94	56228.8	21.19	56047.13	56068.60156	56065.47217	56060.30469	504876.1	5409897.1
L4875.0	504876.1	5409895.5	27638.90039	385.78	0	48.842014	-86.933544	56027.08	56228.8	21.18	56048.26	56069.58203	56075.44398	56069.95313	504876.1	5409895.5
L4875.0	504876.1	5409894.2	27639.00000	385.60	0	48.842001	-86.933544	56028.60	56228.8	21.18	56049.78	56070.95313	56095.19489	56089.39063	504876.1	5409894.2
L4875.0	504876.1	5409894.2	27639.09961	385.95	0	48.842001	-86.933544	56028.75	56228.8	21.18	56049.93	56070.95313	56082.54138	56076.42578	504876.1	5409894.2
L4875.0	504876.1	5409892.8	27639.19922	386.75	0	48.841988	-86.933544	56029.74	56228.8	21.18	56050.92	56071.79297	56090.45284	56084.03125	504876.1	5409892.8
L4875.0	504876.1	5409891.1	27639.30078	387.87	0	48.841974	-86.933545	56029.58	56228.8	21.18	56050.76	56071.48438	56071.23252	56064.51172	504876.1	5409891.1
L4875.0	504876.0	5409889.8	27639.40039	387.65	0	48.841961	-86.933545	56030.45	56228.8	21.18	56051.62	56072.19531	56076.89053	56069.87500	504876.0	5409889.8
L4875.0	504876.0	5409889.8	27639.50000	386.43	0	48.841961	-86.933545	56031.03	56228.8	21.18	56052.20	56072.62891	56076.26756	56068.96484	504876.0	5409889.8
L4875.0	504876.0	5409888.3	27639.59961	382.93	0	48.841949	-86.933545	56031.98	56228.8	21.17	56053.16	56073.44141	56085.18142	56077.59375	504876.0	5409888.3
L4875.0	504876.0	5409886.7	27639.69922	382.93	0	48.841934	-86.933546	56032.70	56228.8	21.17	56053.87	56074.00391	56088.53085	56080.66797	504876.0	5409886.7
L4875.0	504876.0	5409886.7	27639.80078	382.69	0	48.841934	-86.933546	56032.95	56228.8	21.17	56054.13	56074.12109	56081.52062	56073.38281	504876.0	5409886.7
L4875.0	504875.9	5409884.8	27639.90039	383.57	0	48.841917	-86.933547	56033.86	56228.8	21.17	56055.03	56074.87500	56090.27404	56081.87109	504875.9	5409884.8
L4875.0	504875.9	5409883.4	27640.00000	385.69	0	48.841904	-86.933547	56033.88	56228.8	21.17	56055.05	56074.75391	56078.35755	56069.69531	504875.9	5409883.4
L4875.0	504875.9	5409883.4	27640.09961	385.95	0	48.841904	-86.933547	56034.92	56228.8	21.17	56056.09	56075.65234	56091.30812	56082.39063	504875.9	5409883.4
L4875.0	504875.8	5409881.9	27640.19922	386.01	0	48.841891	-86.933548	56035.53	56228.8	21.16	56056.69	56076.10938	56094.12977	56084.96094	504875.8	5409881.9
L4875.0	504875.8	5409880.4	27640.30078	383.63	0	48.841877	-86.933548	56037.00	56228.8	21.16	56058.15	56077.42969	56117.97820	56108.56250	504875.8	5409880.4
L4875.0	504875.8	5409879.0	27640.40039	384.64	0	48.841865	-86.933548	56036.84	56228.8	21.15	56058.00	56077.14063	56103.64924	56093.99609	504875.8	5409879.0
L4875.0	504875.8	5409879.0	27640.50000	387.08	0	48.841865	-86.933548	56037.40	56228.8	21.15	56058.55	56077.55078	56106.50588	56096.61719	504875.8	5409879.0
L4875.0	504875.8	5409877.1	27640.59961	386.00	0	48.841847	-86.933548	56037.38	56228.9	21.15	56058.53	56077.39453	56096.10524	56085.98828	504875.8	5409877.1
L4875.0	504875.8	5409875.4	27640.69922	386.02	0	48.841832	-86.933548	56037.50	56228.9	21.14	56058.65	56077.37891	56089.46096	56079.12109	504875.8	5409875.4
L4875.0	504875.8	5409875.4	27640.80078	384.57	0	48.841832	-86.933548	56038.57	56228.9	21.14	56059.70	56078.29688	56105.50399	56094.94922	504875.8	5409875.4
L4875.0	504875.8	5409873.7	27640.90039	383.07	0	48.841817	-86.933548	56038.64	56228.9	21.13	56059.78	56078.24609	56098.69094	56087.92188	504875.8	5409873.7
L4875.0	504875.8	5409872.0	27641.00000	383.28	0	48.841802	-86.933548	56039.55	56228.9	21.13	56060.68	56079.01172	56111.92045	56100.94531	504875.8	5409872.0
L4875.0	504875.8	5409872.0	27641.09961	383.45	0	48.841802	-86.933548	56039.28	56228.9	21.13	56060.40	56078.60547	56097.25197	56086.07422	504875.8	5409872.0
L4875.0	504875.8	5409870.4	27641.19922	383.09	0	48.841787	-86.933548	56040.23	56228.9	21.12	56061.35	56079.42578	56112.44397	56101.07031	504875.8	5409870.4
L4875.0	504875.8	5409870.4	27641.30078	384.34	0	48.841787	-86.933548	56039.84	56228.9	21.11	56060.95	56078.89844	56095.65410	56084.08984	504875.8	5409870.4
L4875.0	504875.8	5409868.6	27641.40039	382.91	0	48.841771	-86.933549	56040.56	56228.9	21.11	56061.67	56079.49609	56106.07861	56094.32813	504875.8	5409868.6
L4875.0	504875.8	5409866.8	27641.50000	383.53	0	48.841755	-86.933549	56040.79	56228.9	21.11	56061.90	56079.60156	56105.12384	56093.19531	504875.8	5409866.8
L4875.0	504875.8	5409866.8	27641.59961	383.86	0	48.841755	-86.933549	56040.59	56228.9	21.10	56061.69	56079.26953	56093.98303	56081.87891	504875.8	5409866.8
L4875.0	504875.7	5409865.3	27641.69922	383.86	0	48.841742	-86.933549	56039.63	56228.9	21.10	56060.72	56078.17969	56064.98106	56052.70703	504875.7	5409865.3
L4875.0	504875.7	5409863.7	27641.80078	385.04	0	48.841727	-86.933550	56038.71	56228.9	21.09	56059.81	56077.15234	56037.76628	56025.32813	504875.7	5409863.7
L4875.0	504875.7	5409862.6	27641.90039	386.15	0	48.841717	-86.933550	56040.28	56228.9	21.08	56061.37	56078.59766	56070.09613	56057.50000	504875.7	5409862.6
L4875.0	504875.7	5409862.6	27642.00000	385.12	0	48.841717	-86.933550	56041.04	56228.9	21.08	56062.12	56079.23438	56083.34966	56070.60156	504875.7	5409862.6
L4875.0	504875.6	5409860.5	27642.09961	383.90	0	48.841699	-86.933551	56041.77	56228.9	21.08	56062.85	56079.85156	56096.45582	56083.56250	504875.6	5409860.5
L4875.0	504875.6	5409860.5	27642.19922	384.43	0	48.841699	-86.933551	56042.36	56228.9	21.07	56063.43	56080.32422	56106.29282	56093.25781	504875.6	5409860.5
L4875.0	504875.6	5409859.1	27642.30078	384.63	0	48.841685	-86.933552	56042.14	56228.9	21.07	56063.21	56079.99609	56097.27538	56084.10547	504875.6	5409859.1
L4875.0	504875.5	5409857.5	27642.40039	384.93	0	48.841671	-86.933552	56042.06	56228.9	21.07	56063.12	56079.80078	56091.68769	56078.38672	504875.5	5409857.5
L4875.0	504875.5	5409857.5	27642.50000	388.50	0	48.841671	-86.933552	56041.18	56228.9	21.07	56062.24	56078.81641	56067.47288	56054.04688	504875.5	5409857.5
L4875.0	504875.5	5409855.9	27642.59961	389.35	0	48.841656	-86.933553	56041.57	56228.9	21.06	56062.64	56079.11719	56074.23855	56060.69531	504875.5	5409855.9
L4875.0	504875.5	5409854.2	27642.69922	387.45	0	48.841642	-86.933553	56041.80	56228.9	21.06	56062.86	56079.23828	56076.98493	56063.32813	504875.5	5409854.2
L4875.0	504875.5	5409854.2	27642.80078	386.86	0	48.841642	-86.933553	56043.04	56228.9	21.06	56064.10	56080.38281	56104.46723	56090.70313	504875.5	5409854.2
L4875.0	504875.5	5409852.6	27642.90039	387.16	0	48.841627	-86.933553	56042.52	56228.9	21.05	56063.57	56079.76172	56089.80802	56075.94141	504875.5	5409852.6
L4875.0	504875.5	5409851.2	27643.00000	387.93	0	48.841614	-86.933553	56042.38	56228.9	21.05	56063.43	56079.52734	56084.77170	56070.80859	504875.5	5409851.2
L4875.0	504875.5	5409851.2	27643.09961	385.67	0	48.841614	-86.933553	56042.46	56229	21.05	56063.50	56079.51172	56085.03737	56070.98438	504875.5	5409851.2
L4875.0	504875.5	5409849.8	27643.19922	384.74	0	48.841602	-86.933553	56042.56	56229	21.04	56063.60	56079.52344	56086.28404	56072.14844	504875.5	5409849.8
L4875.0	504875.5	5409848.5	27643.30078	383.84	0	48.841590	-86.933553	56042.62	56229	21.04	56063.66	56079.50000	56086.82718	56072.61328	504875.5	5409848.5
L4875.0	504875.5	5409848.5	27643.40039	385.84	0	48.841590	-86.933553	56041.65	56229	21.04	56062.69	56078.44922	56062.93158	56048.64453	504875.5	5409848.5
L4875.0	504875.5	5409846.9	27643.50000	385.54	0	48.841575	-86.933553	56042.29	56229	21.04	56063.32	56079.00391	56077.62638	56063.26953	504875.5	5409846.9
L4875.0	504875.5	5409845.3	27643.59961	387.24	0	48.841561	-86.933553	56041.52	56229	21.03	56062.56	56078.16797	56059.24015	56044.82422	504875.5	5409845.3
L4875.0	504875.5	5409843.6	27643.69922	387.24	0	48.841546	-86.933552	56042.41	56229	21.03	56063.43	56078.96484	56080.14950	56065.67578	504875.5	5409843.6
L4875.0	504875.5	5409843.6	27643.80078	387.35	0	48.841546	-86.933552	56041.53	56229	21.03	56062.55	56078.01172	56059.33539	56044.81641	504875.5	5409843.6
L4875.0	504875.6	5409842.0	27643.90039	386.18	0	48.841532	-86.933552	56042.28	56229	21.02	56063.30	56078.69531	56077.80285	56063.23828	504875.6	5409842.0
L4875.0	504875.6	5409840.8	27644.00000	385.76	0	48.841521	-86.933552	56041.34	56229	21.02	56062.36	56077.69141	56055.97087	56041.36719	504875.6	5409840.8
L4875.0	504875.6	5409839.0	27644.09961	384.65	0	48.841505	-86.933552	56041.15	56229	21.01	56062.16	56077.42969	56052.07477	56037.43750	504875.6	5409839.0
L4875.0	504875.6	5409839.0	27644.19922	385.84	0	48.841505	-86.933552	56040.66	56229	21.01	56061.67	56076.87891	56041.42034	56026.75781	504875.6	5409839.0
L4875.0	504875.6	5409837.6	27644.30078	386.23	0	48.841493	-86.933551	56040.44	56229	21.00	56061.44	56076.58984	56037.18291	56022.50391	504875.6	5409837.6
L4875.0	504875.6	5409836.0	27644.40039	386.15	0	48.841478	-86.933551	56041.14	56229	21.00	56062.14	56077.23828	56055.41394	56040.71875	504875.6	5409836.0
L4875.0	504875.6	5409836.0	27644.50000	386.49	0	48.841478	-86.933551	56041.50	56229	20.99	56062.49	56077.53516	56065.42714	56050.72266	504875.6	5409836.0
L4875.0	504875.7	5409833.6	27644.59961	385.35	0	48.841456	-86.933551	56042.43	56229	20.98	56063.42	56078.41797	56089.50564	56074.79688	504875.7	5409833.6
L4875.0	504875.7	5409833.6	27644.69922	384.91	0	48.841456	-86.933551	56041.42	56229	20.98	56062.40	56077.35156	56067.00305	56052.30078	504875.7	5409833.6
L4875.0	504875.7	5409832.3	27644.80078	386.44	0	48.841444	-86.933550	56041.53	56229	20.97	56062.50	56077.40625	56071.49412	56056.80078	504875.7	5409832.3
L4875.0	504875.7	5409832.3	27644.90039	385.45	0	48.841444	-86.933550	56040.08	56229	20.97	56061.05	56075.91406	56038.97690	56024.29688	504875.7	5409832.3
L4875.0	504875.7	5409830.9	27645.00000	383.48	0	48.841432	-86.933550	56040.04	56229	20.96	56061.00	56075.82813	56040.14995	56025.48828	504875.7	5409830.9

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4875.0	504875.7	5409829.2	27645.09961	383.32	0	48.841417	-86.933550	56039.66	56229	20.96	56060.62	56075.41016	56033.54128	56018.90625	504875.7	5409829.2
L4875.0	504875.7	5409829.2	27645.19922	383.92	0	48.841417	-86.933550	56039.83	56229	20.96	56060.79	56075.54688	56040.23554	56025.63281	504875.7	5409829.2
L4875.0	504875.7	5409827.6	27645.30078	381.30	0	48.841402	-86.933550	56040.21	56229	20.96	56061.17	56075.89844	56052.07632	56037.51172	504875.7	5409827.6
L4875.0	504875.7	5409826.0	27645.40039	381.66	0	48.841388	-86.933550	56040.01	56229	20.96	56060.97	56075.66797	56050.12159	56035.60156	504875.7	5409826.0
L4875.0	504875.7	5409825.0	27645.50000	382.80	0	48.841378	-86.933550	56040.41	56229	20.96	56061.37	56076.04297	56062.64637	56048.17188	504875.7	5409825.0
L4875.0	504875.7	5409825.0	27645.59961	382.74	0	48.841378	-86.933550	56039.45	56229	20.96	56060.40	56075.05078	56042.42631	56028.00391	504875.7	5409825.0
L4875.0	504875.7	5409822.9	27645.69922	382.74	0	48.841360	-86.933550	56039.83	56229	20.96	56060.79	56075.42188	56054.88691	56040.52734	504875.7	5409822.9
L4875.0	504875.7	5409822.0	27645.80078	383.06	0	48.841352	-86.933550	56038.94	56229	20.96	56059.90	56074.51172	56036.74520	56022.44922	504875.7	5409822.0
L4875.0	504875.7	5409822.0	27645.90039	383.62	0	48.841352	-86.933550	56039.13	56229	20.96	56060.08	56074.67578	56044.31880	56030.09375	504875.7	5409822.0
L4875.0	504875.7	5409820.7	27646.00000	376.54	0	48.841340	-86.933551	56038.34	56229	20.96	56059.30	56073.88281	56028.94525	56014.79688	504875.7	5409820.7
L4875.0	504875.7	5409819.2	27646.09961	375.51	0	48.841326	-86.933551	56038.49	56229	20.96	56059.45	56074.02344	56035.91685	56021.84766	504875.7	5409819.2
L4875.0	504875.7	5409819.2	27646.19922	384.07	0	48.841326	-86.933551	56038.69	56229	20.95	56059.64	56074.20313	56043.89470	56029.91406	504875.7	5409819.2
L4875.0	504875.7	5409817.3	27646.30078	385.94	0	48.841310	-86.933551	56038.41	56229	20.95	56059.36	56073.91797	56040.64776	56026.75781	504875.7	5409817.3
L4875.0	504875.7	5409815.8	27646.40039	386.71	0	48.841296	-86.933551	56038.74	56229.1	20.95	56059.69	56074.24219	56052.05421	56038.26172	504875.7	5409815.8
L4875.0	504875.7	5409814.3	27646.50000	388.18	0	48.841283	-86.933551	56038.11	56229.1	20.94	56059.06	56073.60938	56040.47685	56026.78516	504875.7	5409814.3
L4875.0	504875.7	5409814.3	27646.59961	387.73	0	48.841283	-86.933551	56038.36	56229.1	20.94	56059.31	56073.85938	56050.00956	56036.42188	504875.7	5409814.3
L4875.0	504875.7	5409812.7	27646.69922	386.37	0	48.841269	-86.933551	56037.60	56229.1	20.94	56058.54	56073.09375	56035.10570	56021.63281	504875.7	5409812.7
L4875.0	504875.7	5409812.7	27646.80078	385.50	0	48.841269	-86.933551	56037.53	56229.1	20.94	56058.46	56073.01953	56036.74330	56023.39063	504875.7	5409812.7
L4875.0	504875.7	5409811.1	27646.90039	387.30	0	48.841254	-86.933550	56037.56	56229.1	20.93	56058.49	56073.05469	56041.01354	56027.78125	504875.7	5409811.1
L4875.0	504875.7	5409809.8	27647.00000	387.04	0	48.841242	-86.933550	56037.43	56229.1	20.93	56058.36	56072.93359	56041.43771	56028.33203	504875.7	5409809.8
L4875.0	504875.8	5409808.2	27647.09961	388.67	0	48.841228	-86.933550	56036.89	56229.1	20.92	56057.82	56072.40234	56032.01646	56019.03906	504875.8	5409808.2
L4875.0	504875.8	5409808.2	27647.19922	388.43	0	48.841228	-86.933550	56036.41	56229.1	20.92	56057.33	56071.92578	56023.76777	56010.92969	504875.8	5409808.2
L4875.0	504875.8	5409806.5	27647.30078	387.78	0	48.841213	-86.933550	56036.80	56229.1	20.91	56057.71	56072.32031	56036.33813	56023.64453	504875.8	5409806.5
L4875.0	504875.8	5409805.1	27647.40039	386.56	0	48.841200	-86.933550	56036.21	56229.1	20.91	56057.12	56071.74609	56025.61900	56013.07031	504875.8	5409805.1
L4875.0	504875.8	5409805.1	27647.50000	386.76	0	48.841200	-86.933550	56037.10	56229.1	20.90	56058.00	56072.64453	56050.08516	56037.68359	504875.8	5409805.1
L4875.0	504875.8	5409803.6	27647.59961	386.75	0	48.841186	-86.933550	56037.40	56229.1	20.89	56058.30	56072.96484	56060.59480	56048.34766	504875.8	5409803.6
L4875.0	504875.8	5409802.1	27647.69922	386.75	0	48.841173	-86.933550	56037.05	56229.1	20.89	56057.93	56072.61328	56054.98354	56042.89844	504875.8	5409802.1
L4875.0	504875.8	5409800.7	27647.80078	387.13	0	48.841160	-86.933550	56035.75	56229.1	20.88	56056.64	56071.34766	56027.25213	56015.33203	504875.8	5409800.7
L4875.0	504875.8	5409800.7	27647.90039	385.67	0	48.841160	-86.933550	56036.09	56229.1	20.88	56056.96	56071.69141	56038.03257	56026.28125	504875.8	5409800.7
L4875.0	504875.8	5409799.1	27648.00000	384.80	0	48.841146	-86.933550	56036.44	56229.1	20.87	56057.31	56072.06641	56049.44815	56037.86719	504875.8	5409799.1
L4875.0	504875.8	5409797.8	27648.09961	384.71	0	48.841134	-86.933549	56036.92	56229.1	20.87	56057.78	56072.56641	56063.64885	56052.24219	504875.8	5409797.8
L4875.0	504875.8	5409796.4	27648.19922	385.81	0	48.841122	-86.933549	56035.73	56229.1	20.86	56056.60	56071.41406	56038.20411	56026.97656	504875.8	5409796.4
L4875.0	504875.8	5409796.4	27648.30078	386.17	0	48.841122	-86.933549	56034.87	56229.1	20.86	56055.73	56070.57422	56020.08429	56009.04297	504875.8	5409796.4
L4875.0	504875.8	5409795.0	27648.40039	386.92	0	48.841109	-86.933549	56034.14	56229.1	20.86	56055.00	56069.87891	56005.20782	55994.35547	504875.8	5409795.0
L4875.0	504875.8	5409795.0	27648.50000	387.61	0	48.841109	-86.933549	56033.69	56229.1	20.85	56054.54	56069.44922	55996.68360	55986.02344	504875.8	5409795.0
L4875.0	504875.8	5409793.3	27648.59961	388.11	0	48.841094	-86.933549	56034.32	56229.1	20.85	56055.17	56070.11719	56014.15858	56003.69141	504875.8	5409793.3
L4875.0	504875.9	5409792.0	27648.69922	387.27	0	48.841082	-86.933549	56034.14	56229.2	20.85	56054.99	56069.97266	56012.08664	56001.82031	504875.9	5409792.0
L4875.0	504875.9	5409790.7	27648.80078	385.71	0	48.841071	-86.933549	56034.87	56229.2	20.85	56055.71	56070.73047	56031.44642	56021.38281	504875.9	5409790.7
L4875.0	504875.9	5409790.7	27648.90039	385.03	0	48.841071	-86.933549	56034.67	56229.2	20.84	56055.51	56070.56641	56028.60942	56018.75391	504875.9	5409790.7
L4875.0	504875.9	5409788.8	27649.00000	386.28	0	48.841053	-86.933549	56035.23	56229.2	20.84	56056.07	56071.16797	56043.83541	56034.18750	504875.9	5409788.8
L4875.0	504875.9	5409787.6	27649.09961	387.31	0	48.841042	-86.933549	56034.80	56229.2	20.84	56055.63	56070.76563	56034.93416	56025.49609	504875.9	5409787.6
L4875.0	504875.9	5409786.0	27649.19922	376.65	0	48.841028	-86.933549	56035.10	56229.2	20.83	56055.94	56071.11719	56043.84342	56034.62109	504875.9	5409786.0
L4875.0	504875.9	5409786.0	27649.30078	373.97	0	48.841028	-86.933549	56034.64	56229.2	20.83	56055.47	56070.69141	56033.88580	56024.88281	504875.9	5409786.0
L4875.0	504875.9	5409784.9	27649.40039	383.53	0	48.841018	-86.933549	56034.09	56229.2	20.83	56054.91	56070.17578	56021.59316	56012.81250	504875.9	5409784.9
L4875.0	504875.9	5409784.9	27649.50000	385.17	0	48.841018	-86.933549	56034.04	56229.2	20.82	56054.86	56070.17188	56021.34034	56012.78125	504875.9	5409784.9
L4875.0	504875.8	5409783.1	27649.59961	387.82	0	48.841002	-86.933549	56034.21	56229.2	20.82	56055.03	56070.38672	56026.17075	56017.83984	504875.8	5409783.1
L4875.0	504875.8	5409781.6	27649.59961	387.82	0	48.840988	-86.933549	56034.20	56229.2	20.82	56055.02	56070.42188	56026.49144	56018.38672	504875.8	5409781.6
L4875.0	504875.8	5409780.1	27649.69922	387.51	0	48.840975	-86.933549	56034.21	56229.2	20.82	56055.03	56070.48047	56027.09048	56019.21875	504875.8	5409780.1
L4875.0	504875.8	5409780.1	27649.80078	388.14	0	48.840975	-86.933549	56034.44	56229.2	20.82	56055.26	56070.75781	56032.75608	56025.12109	504875.8	5409780.1
L4875.0	504875.8	5409778.5	27650.00000	388.83	0	48.840961	-86.933549	56034.14	56229.2	20.81	56054.95	56070.49609	56025.26729	56017.86719	504875.8	5409778.5
L4875.0	504875.8	5409778.5	27650.00000	386.94	0	48.840961	-86.933549	56034.19	56229.2	20.81	56055.00	56070.59766	56026.19031	56019.02344	504875.8	5409778.5
L4875.0	504875.8	5409775.7	27650.09961	387.42	0	48.840936	-86.933550	56033.81	56229.2	20.81	56054.61	56070.25781	56016.34583	56009.42188	504875.8	5409775.7
L4875.0	504875.8	5409775.7	27650.19922	389.66	0	48.840936	-86.933550	56033.73	56229.2	20.80	56054.53	56070.23047	56013.70524	56007.02344	504875.8	5409775.7
L4875.0	504875.8	5409774.2	27650.40039	387.26	0	48.840922	-86.933550	56033.66	56229.2	20.79	56054.45	56070.20313	56010.83396	56004.39453	504875.8	5409774.2
L4875.0	504875.8	5409773.1	27650.50000	385.37	0	48.840912	-86.933550	56033.66	56229.2	20.78	56054.45	56070.25391	56009.64521	56003.44922	504875.8	5409773.1
L4875.0	504875.8	5409773.1	27650.59961	386.32	0	48.840912	-86.933550	56033.71	56229.2	20.78	56054.49	56070.34766	56009.17622	56003.22266	504875.8	5409773.1
L4875.0	504875.8	5409771.6	27650.69922	386.44	0	48.840898	-86.933550	56033.38	56229.2	20.78	56054.15	56070.06250	55999.35661	55993.65234	504875.8	5409771.6
L4875.0	504875.8	5409769.8	27650.80078	388.16	0	48.840882	-86.933550	56033.56	56229.2	20.77	56054.33	56070.29688	56001.75405	55996.29688	504875.8	5409769.8
L4875.0	504875.8	5409769.8	27650.90039	387.49	0	48.840882	-86.933550	56033.38	56229.2	20.76	56054.15	56070.17188	55995.27334	55990.06641	504875.8	5409769.8
L4875.0	504875.8	5409768.2	27651.00000	385.63	0	48.840868	-86.933550	56033.73	56229.2	20.76	56054.49	56070.56641	56001.00329	55996.04688	504875.8	5409768.2
L4875.0	504875.8	5409766.8	27651.09961	382.96	0	48.840855	-86.933550	56033.71	56229.2	20.76	56054.46	56070.59375	55997.60951	55992.90234	504875.8	5409766.8
L4875.0	504875.8	5409766.8	27651.19922	381.53	0	48.840855	-86.933550	56033.96	56229.2	20.75	56054.71	56070.90234	56000.66869	55996.21094	504875.8	5409766.8
L4875.0	504875.8	5409765.4	27651.30078	382.43	0	48.840843	-86.933550	56034.14	56229.2	20.75	56054.89	56071.14063	56001.78970	55997.58594	504875.8	5409765.4
L4875.0	504875.8	5409765.4	27651.40039	384.87	0	48.840843	-86.933550	56034.46	56229.3	20.75	56055.21	56071.51953	56006.00385	56002.05078	504875.8	5409765.4
L4875.0	504875.8	5409763.4	27651.50000	386.09	0	48.840825	-86.933550	56034.77	56229.3	20.75	56055.51	56071.87500	56009.47450	56005.77344	504875.8	5409763.4
L4875.0	504875.8	5409762.5	27651.59961	385.04	0	48.840817	-86.933550	56034.85	56229.3	20.74	56055.59	56072.01563	56007.40660	56003.95313	504875.8	5409762.5
L4875.0	504875.8	5409761.0	27651.69922	385.04	0	48.840803	-86.933550	56035.32	56229.3	20.74	56056.06	56072.54688	56014.41952	56011.21875	504875.8	5409761.0
L4875.0	504875.8	5409761.0	27651.80078	382.84	0	48.840803	-86.933550	56035.43	56229.3	20.74	56056.17	56072.71484	56012.53633	56009.58594	504875.8	5409761.0
L4875.0	504875.8	5409759.4	27651.90039	382.58	0	48.840789	-86.933550	56035.93	56229.3	20.73	56056.67	56073.27734	56019.73254	56017.03516	504875.8	5409759.4
L4875.0	504875.8	5409759.4	27652.00000	382.56	0	48.840789	-86.933550	56035.96	56229.3	20.73	56056.69	56073.35938	56015.15565	56012.70703	504875.8	5409759.4
L4875.0	504875.8	5409757.7	27652.09961	382.45	0	48.840773	-86.933550	56036.32	56229.3	20.73	56057.04	56073.76953	56018.21983	56016.01563	504875.8	5409757.7
L4875.0	504875.8	5409755.9	27652.19922	381.88	0	48.840757	-86.933550	56035.84	56229.3	20.72	56056.56	56073.35547	56001.12247	55999.16797	504875.8	5409755.9
L4875.0	504875.8	5409754.3	27652.30078	386.53	0	48.840743	-86.933550	56036.14	56229.3	20.72	56056.86	56073.71875	56002.45281	56000.74609	504875.8	5409754.3
L4875.0	504875.8	5409754.3	27652.40039	387.29	0	48.840743	-86.933550	56036.24	56229.3	20.72	56056.96	56073.88281	55998.72308	55997.26172	504875.8	5409754.3
L4875.0	504875.8	5409753.2	27652.50000	385.82	0	48.840733	-86.933550	56036.64	56229.3	20.71	56057.36	56074.34375	56001.91857	56000.69922	504875.8	5409753.2
L4875.0	504875.8	5409753.2	27652.59961	388.58	0	48.840733	-86.933550	56037.48	56229.3	20.71	56058.19	56075.24219	56015.15670	56014.17578	504875.8	5409753.2
L4875.0	504875.8	5409751.1	27652.69922	393.60	0	48.840714	-86.933551	56037.81	56229.3	20.71	56058.52	56075.63672	56016.14903	56015.41016	504875.8	5409751.1
L4875.0	504875.7	5409749.7	27652.80078	393.79	0	48.840702	-86.933551	56038.11	56229.3	20.71	56058.82	56076.00391	56016.16271	56015.66016	504875.7	5409749.7
L4875.0	504875.7	5409748.4	27652.90039	391.34	0	48.840690	-86.933551	56038.34	56229.3	20.70	56059.04	56076.28906	56014.00181	56013.73438	504875.7	5409748.4
L4875.0	504875.7	5409747.2	27653.00000	390.60	0	48.840679	-86.933551	56038.49	56229.3	20.70	56059.19	56076.50781	56009.90875	56009.87500	504875.7	5409747.2
L4875.0	504875.7	5409747.2	27653.09961	390.93	0	48.840679	-86.933551	56038.23	56229.3	20.69	56058.93	56076.31641	55995.73744	55995.93359	504875.7	5409747.2
L4875.0	504875.6	5409745.7	27653.19922	391.04	0	48.840666	-86.933552	56038.62	56229.3	20.69	56059.31	56076.76172	55996.65770	55997.07813	504875.6	5409745.7
L4875.0	504875.6	5409744.2	27653.30078	392.03	0	48.840652	-86.933553	56039.17	56229.3	20.68	56059.86	56077.38281	56001.40812	56002.05469	504875.6	5409744.2
L4875.0	504875.6	5409744.2	27653.40039	391.11	0	48.840652	-86.933553	56039.86	56229.3	20.68	56060.54	56078.13281	56009.03389	56009.90234	504875.6	5409744.2
L4875.0	504875.5	5409742.6	27653.50000	389.54	0	48.840638	-86.933554	56040.31	56229.3	20.68	56060.99	56078.65234	56010.91066	56011.99609	504875.5	5409742.6
L4875.0	504875.5	5409741.5	27653.59961	387.89	0	48.840628	-86.933555	56040.48	56229.3	20.67	56061.15	56078.88672	56005.60476	56006.90234	504875.5	5409741.5
L4875.0	504875.5	5409741.5	27653.69922	387.89	0	48.840628	-86.933555	56040.87	56229.3	20.67	56061.53	56079.33594	56005.34457	56006.85156	504875.5	5409741.5
L4875.0	504875.4	5409740.5	27653.80078	385.61	0	48.840619	-86.933555	56041.12	56229.3	20.66	56061.78	56079.66016	56001.74618	56003.45703	504875.4	5409740.5
L4875.0	504875.3	5409739.0	27653.90039	386.97	0	48.840605	-86.933557	56041.66	56229.3	20.65	56062.31	56080.26563	56004.64164	56006.55859	504875.3	5409739.0
L4875.0	504875.3	5409739.0	27654.00000	387.26	0	48.840605	-86.933557	56041.88	56229.3	20.65	56062.53	56080.55859	55999.89519	56002.00781	504875.3	5409739.0
L4875.0	504875.2	5409737.0	27654.09961	386.18	0	48.840587	-86.933558	56042.74	56229.4	20.65	56063.39	56081.49609	56010.28205	56012.58594	504875.2	5409737.0
L4875.0	504875.2	5409735.6	27654.19922	384.49	0	48.840575	-86.933559	56043.42	56229.4	20.65	56064.07	56082.25000	56016.15424	56018.64453	504875.2	5409735.6
L4875.0	504875.2	5409735.6	27654.30078	382.63	0	48.840575	-86.933559	56044.06	56229.4	20.65	56064.71	56082.96875	56020.87325	56023.54297	504875.2	5409735.6

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4875.0	504875.1	5409734.5	27654.40039	383.58	0	48.840565	-86.933560	56044.31	56229.4	20.65	56064.95	56083.28516	56015.81677	56018.66406	504875.1	5409734.5
L4875.0	504875.0	5409732.8	27654.50000	383.92	0	48.840549	-86.933561	56044.28	56229.4	20.64	56064.93	56083.34375	56004.34667	56007.36719	504875.0	5409732.8
L4875.0	504875.0	5409732.8	27654.59961	384.43	0	48.840549	-86.933561	56045.09	56229.4	20.64	56065.73	56084.22656	56012.35497	56015.53906	504875.0	5409732.8
L4875.0	504875.0	5409731.5	27654.69922	383.79	0	48.840538	-86.933561	56045.70	56229.4	20.64	56066.34	56084.91797	56015.64058	56018.98047	504875.0	5409731.5
L4875.0	504874.9	5409729.7	27654.80078	384.72	0	48.840522	-86.933562	56046.91	56229.4	20.64	56067.55	56086.20703	56033.14505	56036.64063	504874.9	5409729.7
L4875.0	504874.9	5409728.3	27654.90039	385.37	0	48.840509	-86.933563	56047.57	56229.4	20.64	56068.21	56086.94922	56037.31203	56040.95313	504874.9	5409728.3
L4875.0	504874.9	5409728.3	27655.00000	387.85	0	48.840509	-86.933563	56047.88	56229.4	20.64	56068.51	56087.33594	56032.70247	56036.48438	504874.9	5409728.3
L4875.0	504874.8	5409726.9	27655.09961	389.99	0	48.840496	-86.933563	56048.58	56229.4	20.63	56069.22	56088.12891	56037.77890	56041.68750	504874.8	5409726.9
L4875.0	504874.8	5409725.6	27655.19922	388.35	0	48.840484	-86.933564	56049.09	56229.4	20.63	56069.71	56088.70703	56037.44864	56041.48047	504874.8	5409725.6
L4875.0	504874.8	5409725.6	27655.30078	386.14	0	48.840484	-86.933564	56050.02	56229.4	20.62	56070.64	56089.72266	56047.53787	56051.68750	504874.8	5409725.6
L4875.0	504874.7	5409723.9	27655.40039	384.77	0	48.840469	-86.933565	56050.63	56229.4	20.62	56071.25	56090.42188	56049.83820	56054.09766	504874.7	5409723.9
L4875.0	504874.7	5409722.1	27655.50000	388.34	0	48.840453	-86.933566	56051.79	56229.4	20.61	56072.40	56091.66016	56064.96953	56069.33203	504874.7	5409722.1
L4875.0	504874.7	5409722.1	27655.59961	388.12	0	48.840453	-86.933566	56051.87	56229.4	20.60	56072.47	56091.82031	56054.11100	56058.56250	504874.7	5409722.1
L4875.0	504874.6	5409720.6	27655.69922	388.66	0	48.840440	-86.933567	56052.33	56229.4	20.60	56072.93	56092.37500	56052.50308	56057.03906	504874.6	5409720.6
L4875.0	504874.5	5409719.3	27655.80078	387.45	0	48.840428	-86.933567	56052.48	56229.4	20.59	56073.07	56092.60547	56043.13586	56047.74609	504874.5	5409719.3
L4875.0	504874.5	5409719.3	27655.90039	388.11	0	48.840428	-86.933567	56052.52	56229.4	20.59	56073.11	56092.74219	56031.28973	56035.96484	504874.5	5409719.3
L4875.0	504874.5	5409717.5	27656.00000	389.19	0	48.840412	-86.933569	56053.66	56229.4	20.58	56074.24	56093.96484	56045.49406	56050.22656	504874.5	5409717.5
L4875.0	504874.4	5409716.0	27656.09961	390.76	0	48.840398	-86.933570	56054.53	56229.4	20.58	56075.10	56094.92188	56053.15966	56057.93750	504874.4	5409716.0
L4875.0	504874.4	5409716.0	27656.19922	390.25	0	48.840398	-86.933570	56055.89	56229.4	20.57	56076.47	56096.39063	56072.98893	56077.80078	504874.4	5409716.0
L4875.0	504874.3	5409714.4	27656.30078	390.91	0	48.840384	-86.933571	56056.63	56229.4	20.57	56077.19	56097.21094	56077.18615	56082.02344	504874.3	5409714.4
L4875.0	504874.2	5409713.1	27656.40039	388.90	0	48.840372	-86.933572	56057.34	56229.4	20.56	56077.90	56098.01953	56081.09809	56085.95313	504874.2	5409713.1
L4875.0	504874.2	5409712.0	27656.50000	387.41	0	48.840363	-86.933572	56057.38	56229.4	20.56	56077.94	56098.16016	56068.91293	56073.77344	504874.2	5409712.0
L4875.0	504874.2	5409712.0	27656.59961	389.83	0	48.840363	-86.933572	56057.94	56229.4	20.56	56078.49	56098.81250	56068.91999	56073.77344	504874.2	5409712.0
L4875.0	504874.2	5409712.0	27656.69922	390.72	0	48.840363	-86.933572	56058.73	56229.4	20.55	56079.28	56099.70703	56074.65483	56079.48828	504874.2	5409712.0
L4875.0	504874.1	5409710.1	27656.80078	389.05	0	48.840346	-86.933573	56059.64	56229.5	20.55	56080.19	56100.72266	56083.24808	56088.05469	504874.1	5409710.1
L4875.0	504874.1	5409708.7	27656.90039	390.36	0	48.840333	-86.933574	56060.77	56229.5	20.54	56081.32	56101.96094	56097.10326	56101.87109	504874.1	5409708.7
L4875.0	504874.1	5409708.7	27657.00000	390.07	0	48.840333	-86.933574	56061.43	56229.5	20.54	56081.97	56102.71875	56099.44927	56104.16406	504874.1	5409708.7
L4875.0	504874.0	5409707.2	27657.09961	388.17	0	48.840320	-86.933575	56062.14	56229.5	20.53	56082.68	56103.53516	56103.23533	56107.88281	504874.0	5409707.2
L4875.0	504874.0	5409706.1	27657.19922	388.04	0	48.840310	-86.933576	56062.59	56229.5	20.53	56083.12	56104.08594	56100.55827	56105.12500	504874.0	5409706.1
L4875.0	504874.0	5409706.1	27657.30078	387.84	0	48.840310	-86.933576	56063.50	56229.5	20.52	56084.02	56105.09766	56108.92092	56113.39844	504874.0	5409706.1
L4875.0	504873.9	5409704.3	27657.40039	389.00	0	48.840293	-86.933577	56063.91	56229.5	20.52	56084.43	56105.62109	56105.55964	56109.93750	504873.9	5409704.3
L4875.0	504873.8	5409703.0	27657.50000	389.01	0	48.840281	-86.933577	56064.42	56229.5	20.51	56084.93	56106.23438	56104.38175	56108.64453	504873.8	5409703.0
L4875.0	504873.8	5409701.7	27657.59961	387.38	0	48.840270	-86.933577	56064.97	56229.5	20.50	56085.47	56106.89063	56104.19453	56108.32422	504873.8	5409701.7
L4875.0	504873.8	5409701.7	27657.69922	387.38	0	48.840270	-86.933577	56065.50	56229.5	20.50	56086.00	56107.53516	56103.80511	56107.78906	504873.8	5409701.7
L4875.0	504873.8	5409700.4	27657.80078	388.43	0	48.840258	-86.933578	56066.24	56229.5	20.49	56086.73	56108.38672	56108.25214	56112.07813	504873.8	5409700.4
L4875.0	504873.8	5409700.4	27657.90039	391.26	0	48.840258	-86.933578	56066.89	56229.5	20.49	56087.38	56109.15234	56110.82975	56114.48438	504873.8	5409700.4
L4875.0	504873.8	5409698.9	27658.00000	390.34	0	48.840244	-86.933578	56067.53	56229.5	20.48	56088.01	56109.90234	56112.98106	56116.45313	504873.8	5409698.9
L4875.0	504873.8	5409698.9	27658.09961	390.89	0	48.840244	-86.933578	56067.90	56229.5	20.48	56088.38	56110.39453	56108.95857	56112.22656	504873.8	5409698.9
L4875.0	504873.8	5409697.7	27658.19922	390.16	0	48.840233	-86.933577	56068.89	56229.5	20.47	56089.36	56111.49609	56119.61919	56122.66797	504873.8	5409697.7
L4875.0	504873.8	5409696.6	27658.30078	388.44	0	48.840224	-86.933577	56069.58	56229.5	20.47	56090.04	56112.30078	56123.15648	56125.97656	504873.8	5409696.6
L4875.0	504873.9	5409695.5	27658.40039	386.68	0	48.840214	-86.933577	56070.18	56229.5	20.46	56090.64	56113.02734	56124.84777	56127.42188	504873.9	5409695.5
L4875.0	504873.9	5409695.5	27658.50000	387.12	0	48.840214	-86.933577	56070.23	56229.5	20.46	56090.69	56113.20313	56113.43223	56115.74609	504873.9	5409695.5
L4875.0	504873.9	5409694.0	27658.59961	387.73	0	48.840200	-86.933577	56070.82	56229.5	20.45	56091.27	56113.90625	56114.79939	56116.83594	504873.9	5409694.0
L4875.0	504873.9	5409692.9	27658.69922	388.39	0	48.840191	-86.933577	56071.22	56229.6	20.44	56091.66	56114.42578	56111.69609	56113.43359	504873.9	5409692.9
L4875.0	504873.9	5409692.9	27658.80078	387.13	0	48.840191	-86.933577	56072.08	56229.6	20.44	56092.52	56115.41406	56119.94494	56121.37500	504873.9	5409692.9
L4875.0	504873.9	5409691.8	27658.90039	384.81	0	48.840180	-86.933577	56072.44	56229.6	20.43	56092.87	56115.89453	56116.06077	56117.16797	504873.9	5409691.8
L4875.0	504873.9	5409690.6	27659.00000	385.47	0	48.840170	-86.933576	56072.77	56229.6	20.43	56093.20	56116.35547	56111.79134	56112.55469	504873.9	5409690.6
L4875.0	504873.9	5409690.6	27659.09961	387.79	0	48.840170	-86.933576	56073.22	56229.6	20.43	56093.65	56116.93359	56110.49540	56110.89844	504873.9	5409690.6
L4875.0	504874.0	5409689.1	27659.19922	389.01	0	48.840156	-86.933576	56073.85	56229.6	20.43	56094.28	56117.69922	56113.61415	56113.63672	504874.0	5409689.1
L4875.0	504874.0	5409688.2	27659.30078	389.08	0	48.840148	-86.933575	56074.34	56229.6	20.42	56094.76	56118.30859	56113.24111	56112.87109	504874.0	5409688.2
L4875.0	504874.1	5409687.1	27659.40039	386.19	0	48.840139	-86.933574	56074.43	56229.6	20.42	56094.86	56118.54297	56103.86645	56103.08984	504874.1	5409687.1
L4875.0	504874.1	5409687.1	27659.50000	384.14	0	48.840139	-86.933574	56074.99	56229.6	20.42	56095.41	56119.22656	56105.38641	56104.18359	504874.1	5409687.1
L4875.0	504874.1	5409686.3	27659.59961	384.66	0	48.840131	-86.933574	56075.57	56229.6	20.42	56095.98	56119.93359	56107.49733	56105.84375	504874.1	5409686.3
L4875.0	504874.2	5409685.0	27659.69922	384.66	0	48.840119	-86.933573	56076.34	56229.6	20.42	56096.75	56120.83984	56114.51598	56112.39844	504874.2	5409685.0
L4875.0	504874.2	5409685.0	27659.80078	386.06	0	48.840119	-86.933573	56076.64	56229.6	20.41	56097.05	56121.27344	56110.38616	56107.78906	504874.2	5409685.0
L4875.0	504874.3	5409683.7	27659.90039	388.54	0	48.840107	-86.933572	56076.73	56229.6	20.41	56097.15	56121.51172	56101.58157	56098.48828	504874.3	5409683.7
L4875.0	504874.3	5409682.7	27660.00000	387.71	0	48.840099	-86.933571	56077.34	56229.6	20.41	56097.75	56122.25000	56104.88209	56101.26953	504874.3	5409682.7
L4875.0	504874.3	5409682.7	27660.09961	385.94	0	48.840099	-86.933571	56077.85	56229.6	20.41	56098.26	56122.89844	56106.14875	56102.00000	504874.3	5409682.7
L4875.0	504874.4	5409681.4	27660.19922	376.15	0	48.840087	-86.933570	56078.43	56229.6	20.40	56098.83	56123.60547	56108.97884	56104.27344	504874.4	5409681.4
L4875.0	504874.5	5409680.6	27660.30078	377.37	0	48.840080	-86.933569	56078.86	56229.6	20.40	56099.26	56124.17188	56108.58079	56103.30469	504874.5	5409680.6
L4875.0	504874.5	5409680.6	27660.40039	375.53	0	48.840080	-86.933569	56079.41	56229.6	20.40	56099.81	56124.86328	56111.18829	56105.32422	504874.5	5409680.6
L4875.0	504874.5	5409679.5	27660.50000	386.85	0	48.840070	-86.933568	56080.13	56229.6	20.40	56100.52	56125.71094	56117.76201	56111.28906	504874.5	5409679.5
L4875.0	504874.6	5409678.6	27660.59961	384.76	0	48.840062	-86.933567	56080.68	56229.6	20.39	56101.08	56126.41016	56120.87377	56113.77344	504874.6	5409678.6
L4875.0	504874.7	5409677.7	27660.69922	385.13	0	48.840054	-86.933566	56081.21	56229.6	20.39	56101.60	56127.07031	56123.16193	56115.41406	504874.7	5409677.7
L4875.0	504874.7	5409677.7	27660.80078	385.59	0	48.840054	-86.933566	56081.09	56229.6	20.39	56101.47	56127.08203	56110.00784	56101.59766	504874.7	5409677.7
L4875.0	504874.8	5409676.7	27660.90039	386.80	0	48.840045	-86.933565	56081.34	56229.6	20.38	56101.72	56127.46875	56106.10046	56097.00781	504874.8	5409676.7
L4875.0	504874.9	5409675.7	27661.00000	386.07	0	48.840035	-86.933564	56081.77	56229.6	20.38	56102.15	56128.03906	56106.64802	56096.85547	504874.9	5409675.7
L4875.0	504874.9	5409675.7	27661.09961	385.73	0	48.840035	-86.933564	56082.68	56229.6	20.38	56103.06	56129.08984	56118.84278	56108.32813	504874.9	5409675.7
L4875.0	504874.9	5409674.8	27661.19922	385.74	0	48.840028	-86.933563	56083.14	56229.6	20.37	56103.51	56129.67969	56120.15662	56108.90234	504874.9	5409674.8
L4875.0	504875.0	5409674.0	27661.30078	370.94	0	48.840020	-86.933562	56083.29	56229.6	20.37	56103.66	56129.97266	56114.42628	56102.41406	504875.0	5409674.0
L4875.0	504875.1	5409673.2	27661.40039	371.20	0	48.840013	-86.933561	56083.28	56229.6	20.37	56103.64	56130.09375	56104.76949	56091.98438	504875.1	5409673.2
L4875.0	504875.1	5409672.3	27661.50000	384.91	0	48.840005	-86.933560	56083.57	56229.6	20.36	56103.93	56130.52344	56102.69282	56089.11328	504875.1	5409672.3
L4875.0	504875.1	5409672.3	27661.59961	386.11	0	48.840005	-86.933560	56084.36	56229.6	20.36	56104.72	56131.45313	56112.75214	56098.35938	504875.1	5409672.3
L4875.0	504875.1	5409671.6	27661.69922	386.11	0	48.839999	-86.933560	56085.00	56229.6	20.36	56105.36	56132.23438	56119.37014	56104.14453	504875.1	5409671.6
L4875.0	504875.2	5409670.6	27661.80078	386.31	0	48.839990	-86.933560	56085.48	56229.6	20.36	56105.84	56132.85547	56122.30916	56106.23438	504875.2	5409670.6
L4875.0	504875.2	5409670.6	27661.90039	385.27	0	48.839990	-86.933560	56085.28	56229.6	20.35	56105.63	56132.78516	56108.86813	56091.92969	504875.2	5409670.6
L4875.0	504875.2	5409670.1	27662.00000	385.18	0	48.839985	-86.933560	56085.89	56229.7	20.35	56106.24	56133.53516	56115.24089	56097.41797	504875.2	5409670.1
L4875.0	504875.2	5409669.3	27662.09961	385.69	0	48.839978	-86.933560	56086.50	56229.7	20.35	56106.85	56134.28516	56121.77573	56103.04688	504875.2	5409669.3
L4875.0	504875.2	5409668.5	27662.19922	385.43	0	48.839971	-86.933559	56087.00	56229.7	20.34	56107.34	56134.91406	56125.59863	56105.94922	504875.2	5409668.5
L4875.0	504875.2	5409668.5	27662.30078	384.79	0	48.839971	-86.933559	56086.98	56229.7	20.34	56107.32	56135.03516	56117.36423	56096.77734	504875.2	5409668.5
L4875.0	504875.2	5409667.9	27662.40039	383.21	0	48.839965	-86.933559	56087.34	56229.7	20.33	56107.67	56135.52734	56118.16664	56096.62891	504875.2	5409667.9
L4875.0	504875.2	5409667.2	27662.50000	386.09	0	48.839959	-86.933559	56088.12	56229.7	20.33	56108.45	56136.44531	56129.44622	56106.93750	504875.2	5409667.2
L4875.0	504875.2	5409666.4	27662.59961	376.81	0	48.839952	-86.933559	56088.63	56229.7	20.33	56108.95	56137.08594	56134.18795	56110.68750	504875.2	5409666.4
L4875.0	504875.2	5409666.4	27662.69922	378.40	0	48.839952	-86.933559	56088.80	56229.7	20.32	56109.12	56137.39453	56131.19575	56106.68750	504875.2	5409666.4
L4875.0	504875.2	5409665.4	27662.80078	389.34	0	48.839943	-86.933559	56088.52	56229.7	20.32	56108.84	56137.25391	56117.59585	56092.06641	504875.2	5409665.4
L4875.0	504875.2	5409665.4	27662.90039	389.01	0	48.839943	-86.933559	56089.08	56229.7	20.31	56109.39	56137.94141	56124.06975	56097.50391	504875.2	5409665.4
L4875.0	504875.3	5409664.5	27663.00000	386.51	0	48.839935	-86.933558	56089.25	56229.7	20.31	56109.56	56138.25000	56121.61855	56094.00000	504875.3	5409664.5
L4875.0	504875.3	5409664.0	27663.09961	386.44	0	48.839930	-86.933558	56090.12	56229.7	20.31	56110.43	56139.25781	56136.13019	56107.43750	504875.3	5409664.0
L4875.0	504875.3	5409664.0	27663.19922	388.51	0	48.839930	-86.933558	56090.75	56229.7	20.30	56111.05	56140.01563	56144.83751	56115.05859	504875.3	5409664.0
L4875.0	504875.3	5409663.2	27663.30078	390.42	0	48.839924	-86.933558	56091.33	56229.7	20.30	56111.63	56140.73438	56152.77627	56121.89844	504875.3	5409663.2
L4875.0	504875.3	5409662.5	27663.40039	388.73	0	48.839917	-86.933557	56091.68	56229.7	20.29	56111.98	56141.22266	56155.39504	56123.40625	504875.3	5409662.5
L4875.0	504875.4	5409661.9	27663.50000	388.66	0	48.839912	-86.933557	56091.58	56229.7	20.29	56111.87	56141.25000	56147.18366	56114.06641	504875.4	5409661.9
L4875.0	504875.4	5409661.9	27663.59961	388.49	0	48.839912	-86.933557	56091.89	56229.7	20.29	56112.17	56141.68750	56148.99683	56114.73438	504875.4	5409661.9

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4875.0	504875.4	5409661.3	27663.69922	388.49	0	48.839906	-86.933556	56091.43	56229.7	20.28	56111.71	56141.36328	56132.79440	56097.37109	504875.4	5409661.3
L4875.0	504875.5	5409660.5	27663.80078	385.65	0	48.839899	-86.933556	56091.71	56229.7	20.28	56111.99	56141.78125	56134.53091	56097.93750	504875.5	5409660.5
L4875.0	504875.5	5409660.0	27663.90039	376.50	0	48.839895	-86.933555	56091.73	56229.7	20.27	56112.01	56141.93750	56130.24074	56092.46484	504875.5	5409660.0
L4875.0	504875.5	5409660.0	27664.00000	376.33	0	48.839895	-86.933555	56092.01	56229.7	20.27	56112.28	56142.34375	56132.14998	56093.17969	504875.5	5409660.0
L4875.0	504875.5	5409659.5	27664.09961	385.58	0	48.839890	-86.933555	56091.96	56229.7	20.27	56112.23	56142.42969	56126.59919	56086.41797	504875.5	5409659.5
L4875.0	504875.5	5409659.0	27664.19922	384.88	0	48.839886	-86.933555	56092.20	56229.7	20.27	56112.46	56142.79297	56127.97150	56086.56641	504875.5	5409659.0
L4875.0	504875.5	5409659.0	27664.30078	386.29	0	48.839886	-86.933555	56092.46	56229.7	20.27	56112.73	56143.19922	56130.51680	56087.87891	504875.5	5409659.0
L4875.0	504875.5	5409658.5	27664.40039	388.30	0	48.839881	-86.933555	56092.70	56229.7	20.27	56112.96	56143.56641	56132.31982	56088.44141	504875.5	5409658.5
L4875.0	504875.5	5409657.9	27664.50000	385.18	0	48.839876	-86.933555	56092.98	56229.7	20.26	56113.24	56143.98047	56135.53976	56090.40625	504875.5	5409657.9
L4875.0	504875.5	5409657.6	27664.59961	384.42	0	48.839873	-86.933555	56093.05	56229.7	20.26	56113.31	56144.18359	56133.94691	56087.54688	504875.5	5409657.6
L4875.0	504875.5	5409657.1	27664.69922	383.76	0	48.839868	-86.933555	56093.78	56229.7	20.26	56114.04	56145.04688	56148.39539	56100.71875	504875.5	5409657.1
L4875.0	504875.5	5409657.1	27664.80078	382.45	0	48.839868	-86.933555	56093.78	56229.7	20.26	56114.04	56145.18359	56145.57137	56096.61328	504875.5	5409657.1
L4875.0	504875.5	5409656.6	27664.90039	383.82	0	48.839864	-86.933555	56094.26	56229.7	20.26	56114.52	56145.79688	56154.47789	56104.22656	504875.5	5409656.6
L4875.0	504875.5	5409656.1	27665.00000	384.51	0	48.839860	-86.933555	56094.20	56229.7	20.26	56114.46	56145.87109	56150.66907	56099.11719	504875.5	5409656.1
L4875.0	504875.5	5409655.7	27665.09961	384.94	0	48.839856	-86.933555	56094.54	56229.7	20.26	56114.79	56146.33594	56156.43661	56103.57422	504875.5	5409655.7
L4875.0	504875.5	5409655.7	27665.19922	384.15	0	48.839856	-86.933555	56094.16	56229.7	20.26	56114.42	56146.09766	56145.65661	56091.47656	504875.5	5409655.7
L4875.0	504875.5	5409655.2	27665.30078	384.26	0	48.839852	-86.933555	56093.66	56229.7	20.25	56113.92	56145.73047	56131.99198	56076.48828	504875.5	5409655.2
L4875.0	504875.6	5409654.8	27665.40039	383.28	0	48.839847	-86.933554	56094.29	56229.7	20.25	56114.54	56146.48438	56145.40375	56088.57031	504875.6	5409654.8
L4875.0	504875.6	5409654.8	27665.50000	384.35	0	48.839847	-86.933554	56094.26	56229.8	20.25	56114.51	56146.58594	56143.46927	56085.30078	504875.6	5409654.8
L4875.0	504875.6	5409654.3	27665.59961	382.57	0	48.839843	-86.933554	56095.17	56229.8	20.25	56115.42	56147.62891	56164.29836	56104.78516	504875.6	5409654.3
L4875.0	504875.7	5409653.9	27665.69922	382.57	0	48.839840	-86.933553	56095.48	56229.8	20.25	56115.72	56148.06250	56170.74097	56109.87500	504875.7	5409653.9
L4875.0	504875.7	5409653.9	27665.80078	383.69	0	48.839840	-86.933553	56096.04	56229.8	20.24	56116.28	56148.75391	56183.64958	56121.43359	504875.7	5409653.9
L4875.0	504875.7	5409653.5	27665.90039	386.49	0	48.839836	-86.933552	56096.04	56229.8	20.24	56116.28	56148.88672	56183.37045	56119.80078	504875.7	5409653.5
L4875.0	504875.8	5409653.1	27666.00000	385.43	0	48.839833	-86.933551	56096.23	56229.8	20.24	56116.47	56149.21094	56187.87948	56122.94922	504875.8	5409653.1
L4875.0	504875.8	5409653.1	27666.09961	384.75	0	48.839833	-86.933551	56096.23	56229.8	20.24	56116.47	56149.34375	56188.06847	56121.77344	504875.8	5409653.1
L4875.0	504875.8	5409652.8	27666.19922	376.57	0	48.839830	-86.933551	56096.37	56229.8	20.23	56116.60	56149.60547	56191.60666	56123.94141	504875.8	5409652.8
L4875.0	504875.9	5409652.6	27666.30078	376.43	0	48.839828	-86.933550	56096.62	56229.8	20.23	56116.84	56149.97656	56198.01394	56128.98438	504875.9	5409652.6
L4875.0	504875.9	5409652.3	27666.40039	378.09	0	48.839826	-86.933550	56096.62	56229.8	20.22	56116.84	56150.10938	56198.90051	56128.50391	504875.9	5409652.3
L4875.0	504875.9	5409652.3	27666.50000	378.62	0	48.839826	-86.933550	56096.84	56229.8	20.22	56117.06	56150.46094	56205.29051	56133.52344	504875.9	5409652.3
L4875.0	504875.9	5409652.1	27666.59961	377.03	0	48.839824	-86.933549	56096.77	56229.8	20.22	56116.98	56150.51172	56204.71912	56131.57813	504875.9	5409652.1
L4880.0	504877.9	5409699.5	7834.20020	268.99	23.64	48.840249	-86.933522	55908.30	56243.4	6.65	55914.95	56029.40625	55939.01607	56051.34375	504877.9	5409699.5
L4880.0	504877.9	5409699.4	7834.29981	265.66	23.85	48.840249	-86.933522	55910.07	56243.4	6.65	55916.71	56030.89453	55940.12404	56052.33203	504877.9	5409699.4
L4880.0	504877.9	5409699.3	7834.39990	264.16	24.27	48.840248	-86.933522	55911.56	56243.4	6.65	55918.21	56032.12500	55941.20376	56053.29297	504877.9	5409699.3
L4880.0	504877.9	5409699.2	7834.50000	265.10	24.27	48.840247	-86.933522	55913.33	56243.4	6.65	55919.97	56033.61328	55939.85844	56051.82813	504877.9	5409699.2
L4880.0	504877.9	5409699.2	7834.60010	263.00	26	48.840247	-86.933522	55914.90	56243.4	6.64	55921.54	56034.91016	55941.03913	56052.89063	504877.9	5409699.2
L4880.0	504877.9	5409699.0	7834.70020	263.20	26	48.840246	-86.933521	55916.21	56243.4	6.64	55922.86	56035.95703	55942.12985	56053.85938	504877.9	5409699.0
L4880.0	504878.0	5409698.9	7834.79981	263.38	26.4	48.840244	-86.933521	55917.40	56243.4	6.64	55924.04	56036.86719	55943.15440	56054.76563	504878.0	5409698.9
L4880.0	504878.0	5409698.7	7834.89990	264.68	26.4	48.840243	-86.933521	55919.27	56243.4	6.64	55925.91	56038.46484	55944.23008	56055.71875	504878.0	5409698.7
L4880.0	504878.0	5409698.7	7835.00000	263.83	29.68	48.840243	-86.933521	55919.78	56243.4	6.64	55926.42	56038.70313	55945.07446	56056.44531	504878.0	5409698.7
L4880.0	504878.0	5409698.6	7835.10010	259.75	29.68	48.840242	-86.933521	55919.58	56243.4	6.64	55926.22	56038.23047	55945.79815	56057.04688	504878.0	5409698.6
L4880.0	504878.0	5409698.4	7835.20020	259.73	29.67	48.840240	-86.933521	55920.69	56243.4	6.64	55927.33	56039.06641	55946.64882	56057.77344	504878.0	5409698.4
L4880.0	504878.0	5409698.4	7835.29981	260.95	29.53	48.840240	-86.933521	55921.45	56243.4	6.64	55928.09	56039.55078	55947.41932	56058.42188	504878.0	5409698.4
L4880.0	504878.0	5409698.3	7835.39990	260.00	29.53	48.840239	-86.933520	55920.46	56243.4	6.64	55927.10	56038.28906	55947.94778	56058.82813	504878.0	5409698.3
L4880.0	504878.1	5409698.1	7835.50000	261.29	29.43	48.840237	-86.933520	55921.40	56243.4	6.63	55928.03	56038.94531	55948.66533	56059.42188	504878.1	5409698.1
L4880.0	504878.1	5409697.9	7835.60010	261.76	29.43	48.840236	-86.933519	55922.34	56243.4	6.63	55928.97	56039.60938	55949.35270	56059.98438	504878.1	5409697.9
L4880.0	504878.1	5409697.9	7835.70020	263.55	29.62	48.840236	-86.933519	55923.14	56243.4	6.63	55929.78	56040.14844	55949.99677	56060.50000	504878.1	5409697.9
L4880.0	504878.2	5409697.8	7835.79981	266.63	29.62	48.840234	-86.933518	55923.73	56243.4	6.63	55930.36	56040.45313	55950.59011	56060.96875	504878.2	5409697.8
L4880.0	504878.2	5409697.6	7835.89990	267.83	29.55	48.840233	-86.933518	55924.26	56243.4	6.63	55930.89	56040.70703	55951.16235	56061.41016	504878.2	5409697.6
L4880.0	504878.3	5409697.4	7836.00000	267.53	29.55	48.840231	-86.933517	55923.57	56243.4	6.63	55930.20	56039.74219	55951.53944	56061.66016	504878.3	5409697.4
L4880.0	504878.3	5409697.4	7836.10010	266.98	29.48	48.840231	-86.933517	55925.27	56243.4	6.63	55931.90	56041.16406	55952.28666	56062.27734	504878.3	5409697.4
L4880.0	504878.3	5409697.1	7836.20020	266.80	29.5	48.840229	-86.933516	55926.51	56243.4	6.63	55933.14	56042.12891	55952.98755	56062.84375	504878.3	5409697.1
L4880.0	504878.4	5409696.7	7836.29981	264.32	29.5	48.840225	-86.933515	55927.60	56243.4	6.63	55934.23	56042.94141	55953.69600	56063.42188	504878.4	5409696.7
L4880.0	504878.4	5409696.7	7836.39990	267.89	28.61	48.840225	-86.933515	55928.71	56243.4	6.63	55935.34	56043.77344	55954.44932	56064.03906	504878.4	5409696.7
L4880.0	504878.5	5409696.4	7836.50000	267.89	28.61	48.840222	-86.933514	55929.72	56243.4	6.63	55936.35	56044.50391	55955.23514	56064.68750	504878.5	5409696.4
L4880.0	504878.5	5409696.1	7836.60010	270.47	28.61	48.840219	-86.933513	55930.98	56243.4	6.63	55937.61	56045.48438	55956.12429	56065.44141	504878.5	5409696.1
L4880.0	504878.5	5409696.1	7836.70020	272.17	26.28	48.840219	-86.933513	55932.31	56243.4	6.63	55938.93	56046.52344	55957.07955	56066.25781	504878.5	5409696.1
L4880.0	504878.6	5409695.8	7836.79981	274.06	27.35	48.840217	-86.933512	55933.34	56243.4	6.63	55939.97	56047.28125	55958.02909	56067.06641	504878.6	5409695.8
L4880.0	504878.7	5409695.4	7836.89990	271.94	27.35	48.840213	-86.933511	55935.01	56243.4	6.63	55941.64	56048.67188	55959.14156	56068.03516	504878.7	5409695.4
L4880.0	504878.7	5409695.4	7837.00000	269.67	30.04	48.840213	-86.933511	55936.58	56243.4	6.63	55943.21	56049.95703	55960.26672	56069.01563	504878.7	5409695.4
L4880.0	504878.7	5409695.0	7837.10010	268.10	30.04	48.840209	-86.933511	55937.92	56243.4	6.63	55944.54	56051.00391	55961.37170	56069.97656	504878.7	5409695.0
L4880.0	504878.8	5409694.5	7837.20020	268.66	28.36	48.840205	-86.933510	55939.74	56243.4	6.62	55946.36	56052.53906	55962.58188	56071.03516	504878.8	5409694.5
L4880.0	504878.8	5409694.5	7837.29981	271.29	28.36	48.840205	-86.933510	55941.54	56243.4	6.62	55948.16	56054.05469	55963.79242	56072.09766	504878.8	5409694.5
L4880.0	504878.8	5409694.1	7837.39990	268.37	27.73	48.840202	-86.933510	55943.28	56243.4	6.62	55949.89	56055.50000	55964.98736	56073.13672	504878.8	5409694.1
L4880.0	504878.9	5409693.7	7837.50000	267.29	27.73	48.840198	-86.933509	55945.18	56243.4	6.61	55951.79	56057.11328	55966.20016	56074.19531	504878.9	5409693.7
L4880.0	504878.9	5409693.3	7837.60010	266.25	26.7	48.840194	-86.933508	55946.97	56243.4	6.61	55953.58	56058.61328	55967.38077	56075.22266	504878.9	5409693.3
L4880.0	504878.9	5409693.3	7837.70020	265.99	26.7	48.840194	-86.933508	55948.95	56243.4	6.61	55955.55	56060.29297	55968.57855	56076.25781	504878.9	5409693.3
L4880.0	504879.0	5409692.7	7837.79981	260.57	26.22	48.840189	-86.933508	55950.62	56243.4	6.61	55957.22	56061.67188	55969.71929	56077.23828	504879.0	5409692.7
L4880.0	504879.0	5409692.2	7837.89990	260.68	26.67	48.840184	-86.933507	55952.18	56243.4	6.60	55958.79	56062.94922	55970.83859	56078.19141	504879.0	5409692.2
L4880.0	504879.0	5409691.6	7838.00000	259.65	26.67	48.840179	-86.933506	55954.18	56243.4	6.60	55960.78	56064.64844	55972.02047	56079.20703	504879.0	5409691.6
L4880.0	504879.1	5409691.1	7838.10010	259.88	28.85	48.840175	-86.933506	55955.88	56243.4	6.60	55962.48	56066.05078	55973.15626	56080.17578	504879.1	5409691.1
L4880.0	504879.1	5409691.1	7838.20020	261.02	28.85	48.840175	-86.933506	55958.18	56243.4	6.60	55964.78	56068.05469	55974.38937	56081.23438	504879.1	5409691.1
L4880.0	504879.1	5409690.6	7838.29981	261.99	29.47	48.840169	-86.933506	55960.05	56243.4	6.60	55966.65	56069.62891	55975.55852	56082.23047	504879.1	5409690.6
L4880.0	504879.1	5409690.6	7838.39990	265.15	29.47	48.840169	-86.933506	55962.30	56243.4	6.60	55968.90	56071.57813	55976.79434	56083.28906	504879.1	5409690.6
L4880.0	504879.1	5409690.0	7838.50000	264.89	29.42	48.840165	-86.933505	55964.66	56243.4	6.60	55971.25	56073.62500	55978.05539	56084.37109	504879.1	5409690.0
L4880.0	504879.1	5409689.6	7838.60010	266.29	29.42	48.840160	-86.933505	55966.86	56243.4	6.59	55973.45	56075.52344	55979.30148	56085.43359	504879.1	5409689.6
L4880.0	504879.2	5409688.9	7838.70020	267.79	29.42	48.840155	-86.933505	55969.00	56243.4	6.59	55975.60	56077.37109	55980.54815	56086.49219	504879.2	5409688.9
L4880.0	504879.2	5409688.2	7838.79981	270.06	26.44	48.840149	-86.933504	55971.31	56243.4	6.59	55977.90	56079.36328	55981.82879	56087.58203	504879.2	5409688.2
L4880.0	504879.2	5409687.8	7838.89990	271.90	26.44	48.840144	-86.933504	55973.46	56243.4	6.59	55980.05	56081.20313	55983.09271	56088.65234	504879.2	5409687.8
L4880.0	504879.2	5409687.8	7839.00000	272.67	27.03	48.840144	-86.933504	55975.78	56243.4	6.59	55982.37	56083.21484	55984.39473	56089.76172	504879.2	5409687.8
L4880.0	504879.2	5409686.9	7839.10010	271.25	27.03	48.840137	-86.933504	55978.16	56243.4	6.59	55984.75	56085.28125	55985.71615	56090.88281	504879.2	5409686.9
L4880.0	504879.2	5409686.3	7839.20020	271.64	28.75	48.840131	-86.933504	55979.61	56243.4	6.59	55986.19	56086.40625	55986.87895	56091.84375	504879.2	5409686.3
L4880.0	504879.2	5409686.3	7839.29981	271.36	26.21	48.840131	-86.933504	55981.60	56243.4	6.59	55988.19	56088.08984	55988.14546	56092.90234	504879.2	5409686.3
L4880.0	504879.3	5409685.6	7839.39990	267.62	25.05	48.840125	-86.933504	55984.66	56243.4	6.59	55991.25	56090.83203	55989.60354	56094.15234	504879.3	5409685.6
L4880.0	504879.3	5409685.0	7839.50000	265.84	25.05	48.840120	-86.933504	55986.64	56243.4	6.58	55993.22	56092.48047	55990.86614	56095.19922	504879.3	5409685.0
L4880.0	504879.3	5409684.1	7839.60010	261.93	27.19	48.840112	-86.933503	55989.09	56243.4	6.58	55995.67	56094.60547	55992.20718	56096.32422	504879.3	5409684.1
L4880.0	504879.3	5409683.4	7839.70020	262.21	27.19	48.840105	-86.933503	55991.46	56243.4	6.58	55998.05	56096.66016	55993.52427	56097.42188	504879.3	5409683.4
L4880.0	504879.3	5409683.4	7839.79981	260.13	28.26	48.840105	-86.933503	55993.89	56243.4	6.58	56000.48	56098.76172	55994.83432	56098.50781	504879.3	5409683.4
L4880.0	504879.3	5409682.7	7839.89990	263.26	28.26	48.840099	-86.933503	55995.59	56243.4	6.58	56002.17	56100.11719	55996.00764	56099.45313	504879.3	5409682.7
L4880.0	504879.3	5409681.8	7840.00000	262.79	24.99	48.840091	-86.933503	55998.29	56243.4	6.58	56004.87	56102.48438	55997.32645	56100.53906	504879.3	5409681.8
L4880.0	504879.3	5409681.1	7840.10010	264.13	24.99	48.840085	-86.933503	56000.77	56243.4	6.58	56007.35	56104.62891	55998.59039	56101.56641	504879.3	5409681.1
L4880.0	504879.3	5409681.1	7840.20020	263.66	27.16	48.840085	-86.933503	56002.34	56243.4	6.58	56008.93	56105.86719	55999.70873	56102.44531	504879.3	5409681.1
L4880.0	504879.3	5409680.4	7840.29981	263.61	25.82	48.840078	-86.933503	56004.37	56243.4	6.58	56010.95	56107.54297	56000.88249	56103.37500	504879.3	5409680.4
L4880.0	504879.3	5409679.5	7840.39990	263.88	25.82	48.840070	-86.933503	56006.72	56243.4	6.58	56013.30	56109.54688	56002.09209	56104.33594	504879.3	5409679.5

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4880.0	504879.3	5409678.6	7840.50000	265.41	25.82	48.840062	-86.933503	56008.74	56243.4	6.58	56015.33	56111.23047	56003.25510	56105.24609	504879.3	5409678.6
L4880.0	504879.3	5409677.8	7840.60010	267.12	27.76	48.840054	-86.933503	56011.09	56243.4	6.59	56017.68	56113.22656	56004.45625	56106.19141	504879.3	5409677.8
L4880.0	504879.3	5409677.8	7840.70020	265.52	28.1	48.840054	-86.933503	56013.30	56243.4	6.59	56019.88	56115.07031	56005.63623	56107.11328	504879.3	5409677.8
L4880.0	504879.3	5409676.9	7840.79981	265.15	28.1	48.840047	-86.933503	56015.85	56243.4	6.59	56022.44	56117.27344	56006.85392	56108.06250	504879.3	5409676.9
L4880.0	504879.3	5409676.1	7840.89990	265.37	22.18	48.840039	-86.933503	56018.13	56243.4	6.59	56024.72	56119.18750	56008.03273	56108.97266	504879.3	5409676.1
L4880.0	504879.3	5409676.1	7841.00000	264.37	25.22	48.840039	-86.933503	56019.67	56243.4	6.59	56026.26	56120.36328	56009.12242	56109.78906	504879.3	5409676.1
L4880.0	504879.3	5409674.9	7841.10010	265.27	25.22	48.840029	-86.933503	56021.02	56243.4	6.59	56027.61	56121.34375	56010.18373	56110.57031	504879.3	5409674.9
L4880.0	504879.3	5409674.3	7841.20020	265.52	25.22	48.840023	-86.933503	56023.48	56243.4	6.59	56030.07	56123.42969	56011.34609	56111.44922	504879.3	5409674.3
L4880.0	504879.3	5409673.5	7841.29981	264.14	25.5	48.840016	-86.933503	56025.77	56243.4	6.59	56032.35	56125.33203	56012.46718	56112.28516	504879.3	5409673.5
L4880.0	504879.3	5409672.4	7841.39990	264.27	25.5	48.840006	-86.933503	56027.11	56243.4	6.59	56033.69	56126.29297	56013.47533	56113.00000	504879.3	5409672.4
L4880.0	504879.3	5409672.4	7841.50000	264.66	22.25	48.840006	-86.933503	56029.31	56243.4	6.58	56035.89	56128.10938	56014.54063	56113.76953	504879.3	5409672.4
L4880.0	504879.3	5409671.5	7841.60010	263.37	22.25	48.839998	-86.933504	56030.98	56243.4	6.58	56037.56	56129.39063	56015.53428	56114.46094	504879.3	5409671.5
L4880.0	504879.3	5409670.7	7841.70020	264.52	26.91	48.839990	-86.933504	56032.64	56243.4	6.58	56039.23	56130.66797	56016.50967	56115.12891	504879.3	5409670.7
L4880.0	504879.3	5409670.7	7841.79981	263.93	25.41	48.839990	-86.933504	56034.46	56243.4	6.58	56041.05	56132.08984	56017.48215	56115.78906	504879.3	5409670.7
L4880.0	504879.3	5409669.5	7841.89990	262.22	25.41	48.839980	-86.933504	56036.14	56243.4	6.58	56042.72	56133.35938	56018.43359	56116.42578	504879.3	5409669.5
L4880.0	504879.3	5409668.7	7842.00000	261.32	27.76	48.839973	-86.933504	56037.57	56243.4	6.58	56044.15	56134.38281	56019.36542	56117.03516	504879.3	5409668.7
L4880.0	504879.3	5409667.6	7842.10010	262.75	27.76	48.839963	-86.933504	56039.45	56243.4	6.58	56046.03	56135.85547	56020.32540	56117.66797	504879.3	5409667.6
L4880.0	504879.3	5409667.6	7842.20020	253.73	23.04	48.839963	-86.933504	56041.14	56243.4	6.58	56047.72	56137.12891	56021.27701	56118.28906	504879.3	5409667.6
L4880.0	504879.2	5409666.4	7842.29981	255.18	23.02	48.839952	-86.933504	56042.41	56243.4	6.58	56048.98	56137.97266	56022.21361	56118.89063	504879.2	5409666.4
L4880.0	504879.2	5409666.4	7842.39990	261.72	23.02	48.839952	-86.933504	56044.03	56243.4	6.58	56050.61	56139.17969	56023.18006	56119.51563	504879.2	5409666.4
L4880.0	504879.2	5409664.5	7842.50000	260.27	24.87	48.839935	-86.933504	56045.52	56243.4	6.57	56052.09	56140.23047	56024.15208	56120.14453	504879.2	5409664.5
L4880.0	504879.2	5409664.5	7842.60010	258.68	24.87	48.839935	-86.933504	56046.91	56243.4	6.57	56053.49	56141.19922	56025.13614	56120.77734	504879.2	5409664.5
L4880.0	504879.2	5409663.6	7842.70020	258.79	25.97	48.839927	-86.933504	56047.92	56243.4	6.57	56054.50	56141.77344	56026.12005	56121.40234	504879.2	5409663.6
L4880.0	504879.2	5409662.5	7842.79981	259.59	24.99	48.839917	-86.933505	56049.34	56243.4	6.57	56055.92	56142.75391	56027.14088	56122.06250	504879.2	5409662.5
L4880.0	504879.2	5409661.6	7842.89990	260.95	24.99	48.839909	-86.933505	56050.40	56243.4	6.57	56056.97	56143.35547	56028.16329	56122.71875	504879.2	5409661.6
L4880.0	504879.2	5409660.7	7843.00000	261.64	22.51	48.839901	-86.933505	56051.79	56243.4	6.57	56058.36	56144.29688	56029.22127	56123.40625	504879.2	5409660.7
L4880.0	504879.2	5409660.7	7843.10010	261.30	24.05	48.839901	-86.933505	56052.70	56243.4	6.57	56059.27	56144.75000	56030.27367	56124.08594	504879.2	5409660.7
L4880.0	504879.2	5409659.7	7843.20020	261.69	24.05	48.839892	-86.933505	56053.85	56243.4	6.57	56060.42	56145.43750	56031.35651	56124.78516	504879.2	5409659.7
L4880.0	504879.2	5409658.8	7843.29981	263.87	24.62	48.839884	-86.933505	56054.90	56243.4	6.57	56061.47	56146.02344	56032.44993	56125.49219	504879.2	5409658.8
L4880.0	504879.1	5409657.7	7843.39990	262.47	24.62	48.839874	-86.933506	56056.02	56243.4	6.57	56062.59	56146.67188	56033.56171	56126.21484	504879.1	5409657.7
L4880.0	504879.1	5409656.4	7843.50000	261.38	26.32	48.839862	-86.933506	56056.93	56243.4	6.57	56063.50	56147.10547	56034.67050	56126.92578	504879.1	5409656.4
L4880.0	504879.1	5409656.4	7843.60010	263.94	23.82	48.839862	-86.933506	56057.99	56243.4	6.57	56064.56	56147.68750	56035.79990	56127.65625	504879.1	5409656.4
L4880.0	504879.1	5409655.5	7843.70020	264.59	23.82	48.839855	-86.933506	56058.57	56243.4	6.57	56065.14	56147.78125	56036.89558	56128.34375	504879.1	5409655.5
L4880.0	504879.1	5409654.0	7843.79981	265.13	24.01	48.839841	-86.933507	56059.89	56243.4	6.57	56066.46	56148.60938	56038.06138	56129.09766	504879.1	5409654.0
L4880.0	504879.1	5409654.0	7843.89990	264.90	24.01	48.839841	-86.933507	56060.95	56243.4	6.57	56067.52	56149.17188	56039.20852	56129.82813	504879.1	5409654.0
L4880.0	504879.0	5409653.0	7844.00000	266.28	23.76	48.839831	-86.933507	56062.12	56243.4	6.57	56068.69	56149.84375	56040.36789	56130.56641	504879.0	5409653.0
L4880.0	504879.0	5409652.0	7844.10010	268.68	23.84	48.839823	-86.933507	56062.16	56243.4	6.57	56068.73	56149.37500	56041.39335	56131.16797	504879.0	5409652.0
L4880.0	504879.0	5409650.9	7844.20020	263.98	24.24	48.839813	-86.933507	56063.00	56243.4	6.57	56069.57	56149.70703	56042.49708	56131.83984	504879.0	5409650.9
L4880.0	504879.0	5409650.1	7844.29981	264.69	23.71	48.839805	-86.933508	56064.37	56243.4	6.57	56070.94	56150.55859	56043.65416	56132.56250	504879.0	5409650.1
L4880.0	504879.0	5409648.9	7844.39990	264.48	23.71	48.839794	-86.933508	56064.84	56243.4	6.57	56071.41	56150.50781	56044.67325	56133.14063	504879.0	5409648.9
L4880.0	504879.0	5409648.9	7844.50000	264.16	25.38	48.839794	-86.933508	56064.54	56243.4	6.57	56071.11	56149.67969	56045.55358	56133.57422	504879.0	5409648.9
L4880.0	504878.9	5409648.0	7844.60010	266.30	27.1	48.839786	-86.933508	56065.91	56243.4	6.57	56072.48	56150.51953	56046.65236	56134.22266	504878.9	5409648.0
L4880.0	504878.9	5409646.9	7844.70020	265.29	27.14	48.839777	-86.933509	56066.92	56243.4	6.57	56073.49	56150.99219	56047.67674	56134.79297	504878.9	5409646.9
L4880.0	504878.9	5409646.0	7844.79981	265.23	24.21	48.839769	-86.933509	56067.78	56243.4	6.57	56074.35	56151.30859	56048.65433	56135.31250	504878.9	5409646.0
L4880.0	504878.9	5409645.0	7844.89990	266.05	24.21	48.839760	-86.933509	56067.02	56243.4	6.57	56073.59	56150.00000	56049.33890	56135.53125	504878.9	5409645.0
L4880.0	504878.8	5409643.3	7845.00000	267.57	24.21	48.839744	-86.933510	56068.14	56243.4	6.57	56074.71	56150.57031	56050.30803	56136.03125	504878.8	5409643.3
L4880.0	504878.8	5409643.3	7845.10010	267.73	21.92	48.839744	-86.933510	56069.45	56243.4	6.57	56076.02	56151.32031	56051.29006	56136.54297	504878.8	5409643.3
L4880.0	504878.8	5409642.0	7845.20020	267.88	23.85	48.839733	-86.933510	56069.44	56243.4	6.57	56076.01	56150.75000	56052.02291	56136.79688	504878.8	5409642.0
L4880.0	504878.8	5409640.7	7845.29981	268.05	23.85	48.839721	-86.933511	56069.66	56243.4	6.56	56076.22	56150.39063	56052.77011	56137.06250	504878.8	5409640.7
L4880.0	504878.8	5409640.7	7845.39990	269.06	20.95	48.839721	-86.933511	56070.51	56243.4	6.56	56077.07	56150.66797	56053.60779	56137.41406	504878.8	5409640.7
L4880.0	504878.7	5409639.6	7845.50000	268.14	22.17	48.839711	-86.933511	56071.38	56243.4	6.56	56077.93	56150.94922	56054.42684	56137.74219	504878.7	5409639.6
L4880.0	504878.7	5409638.2	7845.60010	268.31	22.17	48.839698	-86.933512	56071.88	56243.4	6.56	56078.44	56150.87891	56055.16493	56137.98828	504878.7	5409638.2
L4880.0	504878.7	5409638.2	7845.70020	266.28	22.56	48.839698	-86.933512	56071.57	56243.4	6.56	56078.13	56149.98047	56055.74206	56138.06641	504878.7	5409638.2
L4880.0	504878.7	5409636.8	7845.79981	266.02	22.56	48.839686	-86.933512	56071.98	56243.4	6.55	56078.53	56149.78906	56056.42851	56138.25000	504878.7	5409636.8
L4880.0	504878.6	5409635.9	7845.89990	264.05	23.32	48.839678	-86.933513	56072.59	56243.4	6.55	56079.14	56149.80078	56057.13775	56138.45313	504878.6	5409635.9
L4880.0	504878.6	5409634.9	7846.00000	264.11	23.32	48.839669	-86.933513	56073.37	56243.4	6.55	56079.92	56149.98047	56057.86392	56138.66797	504878.6	5409634.9
L4880.0	504878.6	5409634.1	7846.10010	264.90	24.35	48.839661	-86.933514	56072.86	56243.4	6.55	56079.41	56148.86328	56058.36729	56138.66016	504878.6	5409634.1
L4880.0	504878.5	5409632.7	7846.20020	263.53	25.07	48.839649	-86.933514	56073.15	56243.4	6.55	56079.70	56148.54297	56059.00107	56138.77734	504878.5	5409632.7
L4880.0	504878.5	5409631.8	7846.29981	265.66	25.07	48.839641	-86.933515	56073.39	56243.4	6.55	56079.95	56148.17578	56059.62757	56138.88281	504878.5	5409631.8
L4880.0	504878.5	5409631.8	7846.39990	264.84	25.79	48.839641	-86.933515	56073.68	56243.4	6.55	56080.23	56147.83594	56060.26182	56138.99219	504878.5	5409631.8
L4880.0	504878.4	5409630.5	7846.50000	263.92	26.98	48.839629	-86.933515	56074.46	56243.4	6.56	56081.01	56147.99219	56060.97827	56139.17969	504878.4	5409630.5
L4880.0	504878.4	5409629.4	7846.60010	265.89	24.56	48.839619	-86.933516	56074.41	56243.4	6.56	56080.96	56147.31641	56061.57878	56139.25000	504878.4	5409629.4
L4880.0	504878.4	5409628.2	7846.70020	264.73	24.56	48.839609	-86.933517	56074.54	56243.4	6.56	56081.09	56146.81250	56062.22032	56139.35938	504878.4	5409628.2
L4880.0	504878.3	5409627.0	7846.79981	266.78	23.9	48.839598	-86.933517	56074.82	56243.4	6.56	56081.37	56146.45703	56062.89918	56139.50391	504878.3	5409627.0
L4880.0	504878.3	5409626.0	7846.89990	266.79	25.93	48.839589	-86.933517	56074.36	56243.4	6.56	56080.92	56145.36328	56063.49143	56139.55469	504878.3	5409626.0
L4880.0	504878.3	5409625.0	7847.00000	265.22	25.93	48.839580	-86.933518	56073.82	56243.4	6.56	56080.38	56144.17969	56064.08874	56139.60938	504878.3	5409625.0
L4880.0	504878.3	5409625.0	7847.10010	263.87	26.42	48.839580	-86.933518	56074.23	56243.4	6.56	56080.79	56143.94141	56064.83336	56139.80859	504878.3	5409625.0
L4880.0	504878.2	5409623.4	7847.20020	263.72	26.42	48.839566	-86.933518	56074.69	56243.4	6.56	56081.25	56143.75000	56065.59681	56140.02734	504878.2	5409623.4
L4880.0	504878.2	5409622.2	7847.29981	264.02	27.47	48.839554	-86.933519	56074.43	56243.4	6.56	56080.99	56142.83203	56066.27220	56140.15234	504878.2	5409622.2
L4880.0	504878.2	5409621.1	7847.39990	262.19	27.52	48.839544	-86.933519	56074.84	56243.4	6.56	56081.40	56142.58594	56067.04802	56140.37500	504878.2	5409621.1
L4880.0	504878.1	5409620.0	7847.50000	263.59	27.52	48.839534	-86.933520	56074.82	56243.4	6.56	56081.37	56141.89063	56067.77015	56140.54297	504878.1	5409620.0
L4880.0	504878.1	5409620.0	7847.60010	266.06	27.51	48.839534	-86.933520	56075.01	56243.4	6.55	56081.57	56141.42578	56068.52771	56140.74609	504878.1	5409620.0
L4880.0	504878.1	5409618.9	7847.70020	265.67	26.61	48.839525	-86.933520	56075.14	56243.4	6.55	56081.70	56140.88672	56069.27767	56140.93750	504878.1	5409618.9
L4880.0	504878.1	5409617.3	7847.79981	264.76	26.61	48.839511	-86.933520	56075.55	56243.4	6.55	56082.10	56140.61328	56070.06672	56141.16797	504878.1	5409617.3
L4880.0	504878.1	5409616.3	7847.89990	265.43	26.61	48.839502	-86.933521	56076.18	56243.4	6.55	56082.73	56140.57031	56070.88913	56141.42969	504878.1	5409616.3
L4880.0	504878.1	5409615.3	7848.00000	265.73	18.34	48.839492	-86.933521	56076.89	56243.4	6.55	56083.44	56140.60156	56071.72507	56141.70313	504878.1	5409615.3
L4880.0	504878.1	5409613.9	7848.10010	265.20	17.13	48.839480	-86.933521	56077.29	56243.4	6.55	56083.84	56140.32031	56072.52403	56141.93750	504878.1	5409613.9
L4880.0	504878.1	5409613.9	7848.20020	265.61	17.13	48.839480	-86.933521	56077.57	56243.4	6.55	56084.12	56139.91797	56073.31306	56142.16016	504878.1	5409613.9
L4880.0	504878.1	5409612.7	7848.29981	264.31	26.78	48.839469	-86.933521	56077.88	56243.4	6.56	56084.43	56139.54297	56074.11314	56142.39453	504878.1	5409612.7
L4880.0	504878.1	5409611.6	7848.39990	263.60	25.96	48.839459	-86.933521	56078.93	56243.4	6.56	56085.49	56139.91797	56075.01431	56142.73047	504878.1	5409611.6
L4880.0	504878.1	5409611.6	7848.50000	265.85	21.28	48.839459	-86.933521	56079.92	56243.4	6.56	56086.48	56140.21875	56075.91224	56143.05859	504878.1	5409611.6
L4880.0	504878.1	5409610.1	7848.60010	266.59	21.28	48.839445	-86.933521	56081.26	56243.4	6.56	56087.82	56140.86719	56076.85812	56143.43750	504878.1	5409610.1
L4880.0	504878.1	5409608.7	7848.70020	265.23	25.94	48.839433	-86.933521	56082.35	56243.4	6.56	56088.91	56141.26172	56077.78020	56143.78906	504878.1	5409608.7
L4880.0	504878.1	5409607.5	7848.79981	265.42	25.94	48.839422	-86.933520	56083.84	56243.4	6.57	56090.41	56142.06641	56078.75649	56144.19531	504878.1	5409607.5
L4880.0	504878.1	5409607.5	7848.89990	264.94	26.72	48.839422	-86.933520	56085.01	56243.4	6.57	56091.58	56142.53906	56079.70316	56144.57031	504878.1	5409607.5
L4880.0	504878.1	5409606.3	7849.00000	262.52	28	48.839412	-86.933520	56086.07	56243.4	6.57	56092.64	56142.90234	56080.64759	56144.94531	504878.1	5409606.3
L4880.0	504878.1	5409605.1	7849.10010	263.20	27.78	48.839400	-86.933520	56087.54	56243.4	6.57	56094.10	56143.66406	56081.64538	56145.37500	504878.1	5409605.1
L4880.0	504878.1	5409603.7	7849.20020	260.91	27.78	48.839388	-86.933520	56089.46	56243.4	6.57	56096.02	56144.88281	56082.70142	56145.85938	504878.1	5409603.7
L4880.0	504878.2	5409602.5	7849.29981	262.82	27.74	48.839377	-86.933520	56091.68	56243.4	6.56	56098.25	56146.41406	56083.79870	56146.38672	504878.2	5409602.5
L4880.0	504878.2	5409602.5	7849.39990	259.99	27.74	48.839377	-86.933520	56093.91	56243.4	6.56	56100.47	56147.93359	56084.90403	56146.92188	504878.2	5409602.5
L4880.0	504878.2	5409601.6	7849.50000	262.19	27.92	48.839369	-86.933520	56096.28	56243.4	6.56	56102.84	56149.59766	56086.03448	56147.48438	504878.2	5409601.6
L4880.0	504878.2	5409600.3	7849.60010	262.14	27.7	48.839358	-86.933520	56098.71	56243.4	6.56	56105.27	56151.32813	56087.18117	56148.06250	504878.2	5409600.3
L4880.0	504878.2	5409598.9	7849.70020	264.03	27.7	48.839345	-86.933519	56101.15	56243.4	6.56	56107.70	56153.05469	56088.33837	56148.65234	504878.2	5409598.9

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4880.0	504878.2	5409597.8	7849.79981	263.10	17.94	48.839335	-86.933519	56103.70	56243.4	6.55	56110.25	56154.90234	56089.51871	56149.26953	504878.2	5409597.8
L4880.0	504878.2	5409597.1	7849.89990	264.40	17.79	48.839329	-86.933519	56105.34	56243.4	6.55	56111.90	56155.84766	56090.61744	56149.80078	504878.2	5409597.1
L4880.0	504878.2	5409595.7	7850.00000	266.65	17.79	48.839316	-86.933519	56107.62	56243.4	6.55	56114.17	56157.41406	56091.78801	56150.41016	504878.2	5409595.7
L4880.0	504878.2	5409594.3	7850.10010	265.53	21.75	48.839304	-86.933519	56110.71	56243.5	6.55	56117.26	56159.80469	56093.04920	56151.10547	504878.2	5409594.3
L4880.0	504878.2	5409592.9	7850.20020	266.83	18.96	48.839290	-86.933519	56113.59	56243.5	6.55	56120.13	56161.97266	56094.29149	56151.78906	504878.2	5409592.9
L4880.0	504878.2	5409592.9	7850.29981	266.83	18.96	48.839290	-86.933519	56116.60	56243.5	6.55	56123.14	56164.28125	56095.54708	56152.48438	504878.2	5409592.9
L4880.0	504878.2	5409591.9	7850.39990	264.46	23.28	48.839282	-86.933519	56119.10	56243.5	6.55	56125.65	56166.09375	56096.74605	56153.12500	504878.2	5409591.9
L4880.0	504878.2	5409590.7	7850.50000	263.49	23.28	48.839272	-86.933519	56121.99	56243.5	6.54	56128.54	56168.28125	56097.97617	56153.80078	504878.2	5409590.7
L4880.0	504878.2	5409589.5	7850.60010	264.53	23.31	48.839260	-86.933519	56124.31	56243.5	6.54	56130.86	56169.90625	56099.13357	56154.40625	504878.2	5409589.5
L4880.0	504878.2	5409588.3	7850.70020	264.73	22.05	48.839250	-86.933519	56127.10	56243.5	6.54	56133.64	56171.98828	56100.31519	56155.03516	504878.2	5409588.3
L4880.0	504878.2	5409587.0	7850.79981	266.48	22.05	48.839238	-86.933519	56130.18	56243.5	6.54	56136.72	56174.37500	56101.49950	56155.67188	504878.2	5409587.0
L4880.0	504878.2	5409587.0	7850.89990	265.32	26.06	48.839238	-86.933519	56133.24	56243.5	6.54	56139.78	56176.74219	56102.65033	56156.27734	504878.2	5409587.0
L4880.0	504878.2	5409584.9	7851.00000	264.47	26.05	48.839219	-86.933519	56136.48	56243.5	6.54	56143.02	56179.29297	56103.78399	56156.86719	504878.2	5409584.9
L4880.0	504878.2	5409584.9	7851.10010	264.71	26.05	48.839219	-86.933519	56139.89	56243.5	6.54	56146.44	56182.02344	56104.89704	56157.43750	504878.2	5409584.9
L4880.0	504878.2	5409583.6	7851.20020	263.56	21.2	48.839208	-86.933519	56142.60	56243.5	6.54	56149.15	56184.04688	56105.90826	56157.91016	504878.2	5409583.6
L4880.0	504878.2	5409582.2	7851.29981	261.00	20.86	48.839194	-86.933519	56145.31	56243.5	6.55	56151.86	56186.07422	56106.88546	56158.35156	504878.2	5409582.2
L4880.0	504878.2	5409580.6	7851.39990	263.44	18.49	48.839181	-86.933519	56148.39	56243.5	6.55	56154.94	56188.47266	56107.85875	56158.79297	504878.2	5409580.6
L4880.0	504878.2	5409580.6	7851.50000	263.00	18.49	48.839181	-86.933519	56151.38	56243.4	6.55	56157.93	56190.78516	56108.79123	56159.19922	504878.2	5409580.6
L4880.0	504878.2	5409579.3	7851.60010	261.39	21.53	48.839169	-86.933519	56154.49	56243.4	6.55	56161.04	56193.22266	56109.70169	56159.58203	504878.2	5409579.3
L4880.0	504878.2	5409578.4	7851.70020	260.11	20.61	48.839160	-86.933519	56157.66	56243.4	6.55	56164.21	56195.71875	56110.58771	56159.94531	504878.2	5409578.4
L4880.0	504878.2	5409577.0	7851.79981	259.07	20.61	48.839148	-86.933519	56160.34	56243.4	6.56	56166.89	56197.73047	56111.42002	56160.26172	504878.2	5409577.0
L4880.0	504878.2	5409575.9	7851.89990	258.65	16.36	48.839138	-86.933519	56163.07	56243.4	6.56	56169.62	56199.79688	56112.24631	56160.57031	504878.2	5409575.9
L4880.0	504878.2	5409574.5	7852.00000	263.36	16.36	48.839125	-86.933519	56166.00	56243.4	6.56	56172.56	56202.07422	56113.08332	56160.89844	504878.2	5409574.5
L4880.0	504878.2	5409574.5	7852.10010	259.96	21.87	48.839125	-86.933519	56168.73	56243.4	6.56	56175.29	56204.14844	56113.91435	56161.22266	504878.2	5409574.5
L4880.0	504878.2	5409573.1	7852.20020	261.41	21.76	48.839112	-86.933519	56171.39	56243.4	6.56	56177.95	56206.15234	56114.75521	56161.55859	504878.2	5409573.1
L4880.0	504878.2	5409571.4	7852.29981	261.12	21.76	48.839098	-86.933519	56174.12	56243.4	6.56	56180.68	56208.23438	56115.61904	56161.92188	504878.2	5409571.4
L4880.0	504878.2	5409570.1	7852.39990	260.08	20.12	48.839086	-86.933519	56176.68	56243.4	6.56	56183.23	56210.14063	56116.50275	56162.31250	504878.2	5409570.1
L4880.0	504878.2	5409569.0	7852.50000	263.06	20.12	48.839076	-86.933519	56179.38	56243.4	6.56	56185.93	56212.19922	56117.42620	56162.74609	504878.2	5409569.0
L4880.0	504878.2	5409569.0	7852.60010	263.25	21.66	48.839076	-86.933519	56181.92	56243.4	6.55	56188.47	56214.10547	56118.38284	56163.21484	504878.2	5409569.0
L4880.0	504878.2	5409567.5	7852.70020	262.73	21.66	48.839063	-86.933519	56184.69	56243.4	6.55	56191.24	56216.24219	56119.39482	56163.74609	504878.2	5409567.5
L4880.0	504878.2	5409565.9	7852.79981	259.69	21.35	48.839048	-86.933519	56186.64	56243.4	6.55	56193.20	56217.57813	56120.42555	56164.30078	504878.2	5409565.9
L4880.0	504878.2	5409565.9	7852.89990	259.97	21.35	48.839048	-86.933519	56188.92	56243.4	6.55	56195.47	56219.22656	56121.52376	56164.92578	504878.2	5409565.9
L4880.0	504878.2	5409564.5	7853.00000	260.31	14.28	48.839035	-86.933519	56190.79	56243.4	6.55	56197.34	56220.48047	56122.66079	56165.59766	504878.2	5409564.5
L4880.0	504878.2	5409563.0	7853.10010	262.16	12.57	48.839022	-86.933519	56193.34	56243.5	6.55	56199.89	56222.42188	56123.89095	56166.36328	504878.2	5409563.0
L4880.0	504878.2	5409561.9	7853.20020	260.09	10.13	48.839012	-86.933519	56195.17	56243.5	6.54	56201.71	56223.63672	56125.14405	56167.16016	504878.2	5409561.9
L4880.0	504878.2	5409561.9	7853.29981	261.66	10.13	48.839012	-86.933519	56196.68	56243.5	6.54	56203.22	56224.55078	56126.42855	56167.99219	504878.2	5409561.9
L4880.0	504878.2	5409560.6	7853.39990	262.43	17.07	48.839001	-86.933519	56198.23	56243.5	6.54	56204.77	56225.50781	56127.76266	56168.87891	504878.2	5409560.6
L4880.0	504878.2	5409558.9	7853.50000	261.83	17.07	48.838985	-86.933519	56199.44	56243.5	6.54	56205.97	56226.12109	56129.11730	56169.78906	504878.2	5409558.9
L4880.0	504878.2	5409557.3	7853.60010	261.93	18.72	48.838971	-86.933519	56201.39	56243.5	6.53	56207.93	56227.50000	56130.57560	56170.81250	504878.2	5409557.3
L4880.0	504878.2	5409557.3	7853.70020	261.16	16.58	48.838971	-86.933519	56202.73	56243.5	6.53	56209.26	56228.25781	56132.01760	56171.82422	504878.2	5409557.3
L4880.0	504878.2	5409556.1	7853.79981	259.57	16.58	48.838960	-86.933519	56203.63	56243.5	6.53	56210.15	56228.58203	56133.43835	56172.81641	504878.2	5409556.1
L4880.0	504878.2	5409554.7	7853.89990	260.45	12.62	48.838947	-86.933519	56204.48	56243.5	6.52	56211.00	56228.87109	56134.86428	56173.82422	504878.2	5409554.7
L4880.0	504878.2	5409553.6	7854.00000	263.10	16.68	48.838937	-86.933519	56205.46	56243.5	6.52	56211.98	56229.29688	56136.29935	56174.84375	504878.2	5409553.6
L4880.0	504878.2	5409553.6	7854.10010	265.54	16.68	48.838937	-86.933519	56206.17	56243.5	6.52	56212.69	56229.46094	56137.68430	56175.82031	504878.2	5409553.6
L4880.0	504878.2	5409552.3	7854.20020	265.67	19.34	48.838925	-86.933519	56206.74	56243.5	6.52	56213.26	56229.48828	56139.01740	56176.75000	504878.2	5409552.3
L4880.0	504878.3	5409550.4	7854.29981	267.55	19.34	48.838908	-86.933519	56207.14	56243.5	6.52	56213.66	56229.35938	56140.27875	56177.61328	504878.3	5409550.4
L4880.0	504878.3	5409549.4	7854.39990	267.59	17.32	48.838899	-86.933519	56207.48	56243.5	6.52	56214.00	56229.17188	56141.46954	56178.41016	504878.3	5409549.4
L4880.0	504878.3	5409547.9	7854.50000	267.96	17.32	48.838886	-86.933519	56208.13	56243.5	6.52	56214.65	56229.30469	56142.63483	56179.19141	504878.3	5409547.9
L4880.0	504878.3	5409547.0	7854.60010	269.20	20.61	48.838878	-86.933519	56208.68	56243.5	6.53	56215.20	56229.34375	56143.70218	56179.87891	504878.3	5409547.0
L4880.0	504878.3	5409547.0	7854.70020	266.75	20.72	48.838878	-86.933519	56209.22	56243.5	6.53	56215.75	56229.39453	56144.68205	56180.48438	504878.3	5409547.0
L4880.0	504878.3	5409544.7	7854.79981	267.09	20.72	48.838857	-86.933519	56209.96	56243.5	6.53	56216.49	56229.64063	56145.60355	56181.03906	504878.3	5409544.7
L4880.0	504878.3	5409544.7	7854.89990	269.36	19.56	48.838857	-86.933519	56210.48	56243.5	6.53	56217.01	56229.67188	56146.39876	56181.47266	504878.3	5409544.7
L4880.0	504878.3	5409543.4	7855.00000	269.37	19.18	48.838846	-86.933519	56211.15	56243.5	6.53	56217.68	56229.86328	56147.13641	56181.85547	504878.3	5409543.4
L4880.0	504878.3	5409541.9	7855.10010	267.85	16.98	48.838832	-86.933519	56211.56	56243.5	6.53	56218.09	56229.80469	56147.74356	56182.11328	504878.3	5409541.9
L4880.0	504878.3	5409540.5	7855.20020	267.50	16.98	48.838819	-86.933519	56211.96	56243.5	6.53	56218.49	56229.74609	56148.26720	56182.29297	504878.3	5409540.5
L4880.0	504878.3	5409539.3	7855.29981	266.49	19.47	48.838809	-86.933519	56212.57	56243.5	6.53	56219.10	56229.90234	56148.75259	56182.44531	504878.3	5409539.3
L4880.0	504878.3	5409539.3	7855.39990	265.61	21.68	48.838809	-86.933519	56213.02	56243.5	6.53	56219.55	56229.91016	56149.13747	56182.50000	504878.3	5409539.3
L4880.0	504878.3	5409537.9	7855.50000	268.35	21.68	48.838796	-86.933519	56213.28	56243.5	6.52	56219.81	56229.73438	56149.42256	56182.46094	504878.3	5409537.9
L4880.0	504878.3	5409536.7	7855.60010	268.71	20.54	48.838785	-86.933519	56213.86	56243.5	6.52	56220.38	56229.87891	56149.70638	56182.42578	504878.3	5409536.7
L4880.0	504878.3	5409535.1	7855.70020	267.56	21.72	48.838771	-86.933519	56214.74	56243.5	6.52	56221.26	56230.33984	56149.99545	56182.40625	504878.3	5409535.1
L4880.0	504878.3	5409534.0	7855.79981	266.36	21.72	48.838761	-86.933519	56215.95	56243.5	6.52	56222.47	56231.14453	56150.30006	56182.40625	504878.3	5409534.0
L4880.0	504878.3	5409532.7	7855.89990	266.15	21.69	48.838749	-86.933519	56216.36	56243.5	6.52	56222.88	56231.15625	56150.42182	56182.23047	504878.3	5409532.7
L4880.0	504878.3	5409532.7	7856.00000	264.95	19.43	48.838749	-86.933519	56216.37	56243.5	6.52	56222.89	56230.77734	56150.44357	56181.96094	504878.3	5409532.7
L4880.0	504878.2	5409531.3	7856.10010	267.20	19.43	48.838737	-86.933519	56217.25	56243.5	6.52	56223.77	56231.27734	56150.60072	56181.83594	504878.2	5409531.3
L4880.0	504878.2	5409530.1	7856.20020	264.68	20.12	48.838726	-86.933519	56217.40	56243.5	6.52	56223.92	56231.05469	56150.61427	56181.57031	504878.2	5409530.1
L4880.0	504878.2	5409528.9	7856.29981	265.07	20.12	48.838715	-86.933519	56217.61	56243.5	6.53	56224.13	56230.90625	56150.62960	56181.31641	504878.2	5409528.9
L4880.0	504878.2	5409527.4	7856.39990	263.31	21.72	48.838702	-86.933520	56218.86	56243.5	6.53	56225.39	56231.81641	56150.82044	56181.24219	504878.2	5409527.4
L4880.0	504878.2	5409527.4	7856.50000	266.06	21.58	48.838702	-86.933520	56219.39	56243.5	6.53	56225.92	56232.00391	56150.88245	56181.04688	504878.2	5409527.4
L4880.0	504878.2	5409526.1	7856.60010	264.35	21.58	48.838690	-86.933520	56219.83	56243.5	6.53	56226.36	56232.11328	56150.93071	56180.84375	504878.2	5409526.1
L4880.0	504878.2	5409524.9	7856.70020	266.68	21.79	48.838680	-86.933520	56219.90	56243.5	6.53	56226.44	56231.87500	56150.92337	56180.58984	504878.2	5409524.9
L4880.0	504878.2	5409523.1	7856.79981	266.00	15.56	48.838663	-86.933520	56220.18	56243.5	6.54	56226.72	56231.84375	56150.95782	56180.38672	504878.2	5409523.1
L4880.0	504878.2	5409522.3	7856.89990	266.17	15.56	48.838655	-86.933520	56220.62	56243.5	6.54	56227.15	56231.97266	56151.02828	56180.22656	504878.2	5409522.3
L4880.0	504878.2	5409520.6	7857.00000	267.18	18.77	48.838640	-86.933520	56221.63	56243.5	6.54	56228.17	56232.70313	56151.20218	56180.17578	504878.2	5409520.6
L4880.0	504878.2	5409520.6	7857.10010	268.66	21.7	48.838640	-86.933520	56221.64	56243.5	6.54	56228.19	56232.44141	56151.20741	56179.96484	504878.2	5409520.6
L4880.0	504878.2	5409519.2	7857.20020	267.00	21.7	48.838628	-86.933520	56221.15	56243.5	6.54	56227.69	56231.67578	56151.12073	56179.66797	504878.2	5409519.2
L4880.0	504878.2	5409517.8	7857.29981	265.68	20.16	48.838615	-86.933519	56221.39	56243.5	6.54	56227.93	56231.65625	56151.14930	56179.49219	504878.2	5409517.8
L4880.0	504878.2	5409517.8	7857.39990	265.60	21.42	48.838615	-86.933519	56222.12	56243.5	6.54	56228.66	56232.13672	56151.24683	56179.39063	504878.2	5409517.8
L4880.0	504878.3	5409515.0	7857.50000	266.56	22.29	48.838590	-86.933519	56222.56	56243.5	6.54	56229.10	56232.33984	56151.27386	56179.22656	504878.3	5409515.0
L4880.0	504878.3	5409515.0	7857.60010	266.48	22.29	48.838590	-86.933519	56222.05	56243.5	6.55	56228.59	56231.60156	56151.10995	56178.87891	504878.3	5409515.0
L4880.0	504878.3	5409513.7	7857.70020	266.92	17.24	48.838579	-86.933519	56221.67	56243.5	6.55	56228.21	56231.00391	56150.94121	56178.53516	504878.3	5409513.7
L4880.0	504878.3	5409512.4	7857.79981	268.38	17.24	48.838566	-86.933519	56222.02	56243.5	6.55	56228.56	56231.14844	56150.87287	56178.29297	504878.3	5409512.4
L4880.0	504878.3	5409511.0	7857.89990	266.31	16.39	48.838554	-86.933519	56221.77	56243.5	6.55	56228.32	56230.71094	56150.67678	56177.93359	504878.3	5409511.0
L4880.0	504878.3	5409509.7	7858.00000	264.05	8.42	48.838543	-86.933519	56222.20	56243.4	6.55	56228.75	56230.95703	56150.57436	56177.67188	504878.3	5409509.7
L4880.0	504878.3	5409509.7	7858.10010	264.53	8.42	48.838543	-86.933519	56221.53	56243.4	6.55	56228.08	56230.11328	56150.25804	56177.20313	504878.3	5409509.7
L4880.0	504878.3	5409508.1	7858.20020	265.95	14.1	48.838528	-86.933518	56221.25	56243.4	6.55	56227.80	56229.66797	56149.98764	56176.78906	504878.3	5409508.1
L4880.0	504878.3	5409506.7	7858.29981	266.48	14.1	48.838515	-86.933518	56221.82	56243.4	6.55	56228.37	56230.08594	56149.84480	56176.50391	504878.3	5409506.7
L4880.0	504878.3	5409505.4	7858.39990	268.43	20	48.838504	-86.933518	56220.99	56243.4	6.55	56227.55	56229.12109	56149.43758	56175.96484	504878.3	5409505.4
L4880.0	504878.4	5409504.0	7858.50000	265.01	20	48.838492	-86.933518	56220.42	56243.4	6.56	56226.98	56228.42188	56149.05317	56175.45313	504878.4	5409504.0
L4880.0	504878.4	5409502.4	7858.60010	264.85	23.07	48.838477	-86.933518	56220.18	56243.4	6.56	56226.74	56228.05859	56148.70447	56174.98438	504878.4	5409502.4
L4880.0	504878.4	5409502.4	7858.70020	265.21	23.07	48.838477	-86.933518	56219.56	56243.4	6.56	56226.12	56227.32813	56148.26531	56174.42969	504878.4	5409502.4
L4880.0	504878.4	5409501.1	7858.79981	266.90	21.75	48.838465	-86.933518	56219.37	56243.4	6.56	56225.92	56227.02734	56147.87596	56173.92969	504878.4	5409501.1
L4880.0	504878.4	5409499.6	7858.89990	268.28	20.21	48.838451	-86.933518	56218.98	56243.4	6.56	56225.54	56226.55859	56147.42936	56173.38281	504878.4	5409499.6
L4880.0	504878.4	5409498.7	7859.00000	270.16	20.21	48.838444	-86.933517	56218.46	56243.4	6.56	56225.02	56225.95703	56146.93137	56172.78516	504878.4	5409498.7

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4880.0	504878.4	5409497.5	7859.10010	270.39	22.11	48.838433	-86.933517	56217.86	56243.4	6.56	56224.42	56225.28906	56146.39195	56172.15625	504878.4	5409497.5
L4880.0	504878.4	5409496.3	7859.20020	268.35	18.56	48.838421	-86.933517	56217.62	56243.4	6.56	56224.17	56224.98047	56145.88628	56171.56641	504878.4	5409496.3
L4880.0	504878.4	5409496.3	7859.29981	268.02	19.37	48.838421	-86.933517	56217.27	56243.4	6.55	56223.83	56224.58984	56145.33440	56170.93359	504878.4	5409496.3
L4880.0	504878.5	5409494.5	7859.39990	267.49	19.37	48.838406	-86.933517	56216.50	56243.4	6.55	56223.05	56223.77344	56144.67202	56170.19531	504878.5	5409494.5
L4880.0	504878.5	5409492.9	7859.50000	267.82	21.12	48.838391	-86.933517	56215.82	56243.4	6.55	56222.37	56223.06250	56143.99257	56169.44531	504878.5	5409492.9
L4880.0	504878.5	5409492.9	7859.60010	267.08	19.59	48.838391	-86.933517	56215.23	56243.5	6.55	56221.78	56222.45703	56143.29223	56168.68359	504878.5	5409492.9
L4880.0	504878.5	5409491.1	7859.70020	265.79	19.59	48.838376	-86.933517	56214.39	56243.5	6.55	56220.93	56221.59766	56142.50750	56167.83984	504878.5	5409491.1
L4880.0	504878.5	5409489.4	7859.79981	265.35	21.01	48.838360	-86.933516	56213.52	56243.5	6.54	56220.07	56220.73828	56141.68124	56166.96094	504878.5	5409489.4
L4880.0	504878.5	5409488.4	7859.89990	266.31	21.01	48.838351	-86.933516	56212.88	56243.5	6.54	56219.42	56220.10156	56140.85147	56166.08203	504878.5	5409488.4
L4880.0	504878.5	5409487.0	7860.00000	266.21	19.76	48.838338	-86.933516	56212.51	56243.5	6.54	56219.05	56219.75000	56140.02976	56165.21484	504878.5	5409487.0
L4880.0	504878.5	5409487.0	7860.10010	266.19	22.1	48.838338	-86.933516	56211.58	56243.5	6.54	56218.12	56218.85156	56139.06902	56164.21484	504878.5	5409487.0
L4880.0	504878.5	5409485.6	7860.20020	266.71	21.54	48.838326	-86.933516	56211.18	56243.5	6.54	56217.72	56218.48828	56138.15740	56163.26953	504878.5	5409485.6
L4880.0	504878.5	5409483.8	7860.29981	268.13	21.54	48.838309	-86.933516	56210.63	56243.5	6.55	56217.18	56218.00000	56137.17740	56162.25781	504878.5	5409483.8
L4880.0	504878.5	5409482.4	7860.39990	266.38	18.61	48.838297	-86.933517	56209.88	56243.5	6.55	56216.43	56217.30469	56136.11708	56161.17188	504878.5	5409482.4
L4880.0	504878.5	5409482.4	7860.50000	267.45	18.75	48.838297	-86.933517	56209.16	56243.4	6.55	56215.71	56216.65234	56135.01825	56160.05469	504878.5	5409482.4
L4880.0	504878.5	5409481.3	7860.60010	265.87	18.75	48.838287	-86.933517	56207.98	56243.4	6.55	56214.54	56215.55859	56133.80332	56158.82031	504878.5	5409481.3
L4880.0	504878.5	5409479.6	7860.70020	266.09	19.92	48.838272	-86.933517	56207.11	56243.4	6.55	56213.67	56214.77344	56132.59820	56157.60156	504878.5	5409479.6
L4880.0	504878.5	5409478.5	7860.79981	266.18	19.92	48.838262	-86.933517	56207.10	56243.4	6.56	56213.65	56214.84375	56131.48942	56156.48438	504878.5	5409478.5
L4880.0	504878.5	5409477.1	7860.89990	266.92	24.78	48.838249	-86.933517	56206.66	56243.4	6.56	56213.21	56214.50391	56130.26940	56155.25781	504878.5	5409477.1
L4880.0	504878.4	5409475.5	7861.00000	267.01	22.64	48.838235	-86.933517	56205.86	56243.4	6.56	56212.42	56213.82422	56128.95089	56153.93750	504878.4	5409475.5
L4880.0	504878.4	5409475.5	7861.10010	266.48	22.64	48.838235	-86.933517	56204.07	56243.4	6.56	56210.64	56212.16016	56127.43628	56152.42578	504878.4	5409475.5
L4880.0	504878.4	5409473.7	7861.20020	264.78	22.68	48.838218	-86.933517	56203.21	56243.4	6.56	56209.77	56211.41406	56126.01473	56151.00781	504878.4	5409473.7
L4880.0	504878.4	5409473.7	7861.29981	265.82	18.48	48.838218	-86.933517	56203.53	56243.4	6.56	56210.09	56211.86328	56124.71593	56149.71484	504878.4	5409473.7
L4880.0	504878.4	5409472.3	7861.39990	264.43	18.48	48.838206	-86.933517	56203.14	56243.4	6.56	56209.70	56211.61328	56123.25149	56148.26172	504878.4	5409472.3
L4880.0	504878.4	5409470.7	7861.50000	263.94	21.06	48.838192	-86.933517	56202.00	56243.4	6.57	56208.57	56210.62891	56121.62094	56146.64453	504878.4	5409470.7
L4880.0	504878.4	5409469.5	7861.60010	266.12	18.24	48.838181	-86.933517	56200.64	56243.4	6.57	56207.21	56209.42188	56119.89976	56144.93750	504878.4	5409469.5
L4880.0	504878.4	5409468.5	7861.70020	263.23	18.24	48.838172	-86.933517	56199.97	56243.4	6.57	56206.54	56208.91406	56118.21144	56143.26953	504878.4	5409468.5
L4880.0	504878.4	5409467.0	7861.79981	262.93	22.13	48.838158	-86.933517	56199.81	56243.4	6.57	56206.37	56208.90625	56116.52096	56141.59766	504878.4	5409467.0
L4880.0	504878.5	5409465.8	7861.89990	263.50	23.61	48.838148	-86.933517	56199.14	56243.4	6.57	56205.71	56208.41797	56114.69541	56139.79297	504878.5	5409465.8
L4880.0	504878.5	5409464.8	7862.00000	263.91	23.61	48.838138	-86.933517	56198.47	56243.4	6.57	56205.04	56207.92969	56112.79771	56137.92188	504878.5	5409464.8
L4880.0	504878.5	5409464.8	7862.10010	265.98	20.74	48.838138	-86.933517	56196.97	56243.4	6.57	56203.54	56206.61328	56110.73445	56135.88281	504878.5	5409464.8
L4880.0	504878.5	5409463.0	7862.20020	265.20	21.03	48.838123	-86.933517	56195.71	56243.4	6.57	56202.28	56205.53906	56108.63955	56133.81641	504878.5	5409463.0
L4880.0	504878.5	5409461.3	7862.29981	262.30	21.03	48.838107	-86.933517	56194.86	56243.4	6.57	56201.43	56204.88672	56106.52960	56131.73438	504878.5	5409461.3
L4880.0	504878.5	5409460.1	7862.39990	264.43	23.24	48.838096	-86.933517	56194.33	56243.4	6.57	56200.90	56204.55469	56104.39373	56129.62891	504878.5	5409460.1
L4880.0	504878.5	5409458.6	7862.50000	263.19	23.24	48.838083	-86.933517	56193.46	56243.4	6.57	56200.03	56203.88672	56102.16869	56127.43750	504878.5	5409458.6
L4880.0	504878.5	5409458.6	7862.60010	265.15	22.66	48.838083	-86.933517	56191.63	56243.4	6.57	56198.20	56202.26563	56099.80859	56125.10938	504878.5	5409458.6
L4880.0	504878.5	5409457.3	7862.70020	264.75	24.12	48.838071	-86.933517	56191.29	56243.4	6.57	56197.86	56202.14063	56097.54103	56122.87500	504878.5	5409457.3
L4880.0	504878.5	5409456.0	7862.79981	264.50	24.12	48.838059	-86.933517	56190.24	56243.4	6.57	56196.81	56201.30469	56095.17137	56120.53906	504878.5	5409456.0
L4880.0	504878.5	5409454.5	7862.89990	262.91	24.12	48.838046	-86.933517	56189.49	56243.4	6.57	56196.06	56200.77734	56092.78933	56118.18750	504878.5	5409454.5
L4880.0	504878.5	5409452.4	7863.00000	261.54	25.35	48.838027	-86.933517	56188.41	56243.4	6.57	56194.98	56199.92188	56090.35004	56115.78516	504878.5	5409452.4
L4880.0	504878.5	5409452.4	7863.10010	262.15	25.66	48.838027	-86.933517	56185.93	56243.4	6.57	56192.50	56197.66797	56087.78841	56113.25391	504878.5	5409452.4
L4880.0	504878.5	5409451.0	7863.20020	263.05	25.66	48.838014	-86.933517	56184.39	56243.4	6.57	56190.96	56196.35547	56085.26992	56110.76953	504878.5	5409451.0
L4880.0	504878.5	5409449.4	7863.29981	260.95	25.12	48.838000	-86.933517	56183.18	56243.4	6.57	56189.75	56195.37891	56082.74875	56108.28125	504878.5	5409449.4
L4880.0	504878.5	5409447.9	7863.39990	260.72	25.12	48.837987	-86.933517	56181.14	56243.4	6.57	56187.71	56193.57422	56080.15860	56105.72656	504878.5	5409447.9
L4880.0	504878.5	5409447.9	7863.50000	260.64	24.94	48.837987	-86.933517	56180.24	56243.4	6.57	56186.81	56192.91016	56077.61219	56103.21094	504878.5	5409447.9
L4880.0	504878.5	5409445.9	7863.60010	262.01	24.94	48.837969	-86.933516	56178.68	56243.4	6.57	56185.25	56191.58594	56075.02045	56100.64844	504878.5	5409445.9
L4880.0	504878.5	5409445.9	7863.70020	263.69	23.94	48.837969	-86.933516	56175.84	56243.4	6.57	56182.41	56188.98828	56072.37009	56098.03125	504878.5	5409445.9
L4880.0	504878.5	5409444.7	7863.79981	263.48	23.94	48.837957	-86.933516	56174.17	56243.4	6.57	56180.74	56187.55859	56069.78586	56095.47266	504878.5	5409444.7
L4880.0	504878.5	5409443.0	7863.89990	260.85	23.2	48.837943	-86.933516	56172.31	56243.4	6.57	56178.88	56185.93750	56067.20345	56092.91797	504878.5	5409443.0
L4880.0	504878.6	5409441.9	7864.00000	259.76	23.53	48.837932	-86.933516	56169.46	56243.4	6.57	56176.03	56183.33203	56064.58813	56090.32813	504878.6	5409441.9
L4880.0	504878.6	5409440.5	7864.10010	250.26	23.53	48.837920	-86.933516	56166.66	56243.4	6.57	56173.23	56180.77344	56061.98703	56087.75391	504878.6	5409440.5
L4880.0	504878.6	5409440.5	7864.20020	250.90	23.53	48.837920	-86.933516	56163.84	56243.4	6.58	56170.42	56178.20313	56059.39400	56085.17969	504878.6	5409440.5
L4880.0	504878.6	5409439.1	7864.29981	264.72	21.93	48.837907	-86.933516	56160.87	56243.4	6.58	56167.45	56175.47656	56056.79517	56082.60156	504878.6	5409439.1
L4880.0	504878.6	5409437.2	7864.39990	265.00	26.44	48.837890	-86.933515	56158.29	56243.4	6.58	56164.87	56173.13672	56054.21126	56080.03516	504878.6	5409437.2
L4880.0	504878.6	5409435.8	7864.50000	265.49	26.44	48.837877	-86.933515	56154.40	56243.4	6.58	56160.99	56169.49609	56051.55195	56077.39063	504878.6	5409435.8
L4880.0	504878.6	5409435.8	7864.60010	261.04	26.46	48.837877	-86.933515	56150.68	56243.4	6.59	56157.27	56166.01563	56048.88542	56074.73828	504878.6	5409435.8
L4880.0	504878.6	5409434.4	7864.70020	259.07	26.46	48.837865	-86.933515	56146.57	56243.4	6.59	56153.16	56162.14453	56046.17243	56072.03516	504878.6	5409434.4
L4880.0	504878.7	5409432.7	7864.79981	260.56	27.18	48.837850	-86.933515	56142.56	56243.4	6.59	56149.15	56158.36719	56043.43213	56069.30078	504878.7	5409432.7
L4880.0	504878.7	5409431.0	7864.89990	262.18	27.18	48.837835	-86.933515	56138.35	56243.4	6.60	56144.95	56154.40234	56040.63780	56066.50781	504878.7	5409431.0
L4880.0	504878.7	5409429.6	7865.00000	261.50	25.78	48.837822	-86.933515	56133.70	56243.4	6.60	56140.30	56149.98438	56037.76294	56063.63281	504878.7	5409429.6
L4880.0	504878.7	5409429.6	7865.10010	263.03	25.78	48.837822	-86.933515	56127.98	56243.4	6.60	56134.58	56144.49219	56034.75325	56060.62109	504878.7	5409429.6
L4880.0	504878.7	5409427.9	7865.20020	264.27	26.28	48.837807	-86.933515	56122.74	56243.4	6.60	56129.34	56139.48047	56031.71398	56057.57813	504878.7	5409427.9
L4880.0	504878.7	5409427.9	7865.29981	262.31	26.72	48.837807	-86.933515	56116.02	56243.4	6.60	56122.62	56132.98047	56028.49025	56054.34375	504878.7	5409427.9
L4880.0	504878.7	5409426.5	7865.39990	264.49	26.15	48.837794	-86.933515	56109.16	56243.4	6.60	56115.77	56126.35156	56025.17932	56051.01563	504878.7	5409426.5
L4880.0	504878.7	5409424.9	7865.50000	263.14	26.15	48.837780	-86.933515	56102.64	56243.4	6.60	56109.25	56120.04688	56021.81638	56047.63672	504878.7	5409424.9
L4880.0	504878.7	5409423.8	7865.60010	265.08	26.71	48.837770	-86.933515	56095.71	56243.4	6.61	56102.31	56113.31641	56018.33545	56044.13281	504878.7	5409423.8
L4880.0	504878.7	5409422.4	7865.70020	264.81	26.71	48.837757	-86.933515	56087.94	56243.4	6.61	56094.54	56105.75391	56014.69474	56040.46484	504878.7	5409422.4
L4880.0	504878.7	5409421.1	7865.79981	263.93	25.62	48.837745	-86.933515	56080.38	56243.4	6.61	56086.99	56098.40625	56010.99029	56036.73047	504878.7	5409421.1
L4880.0	504878.7	5409421.1	7865.89990	263.64	21.05	48.837745	-86.933515	56071.35	56243.4	6.61	56077.96	56089.57422	56007.05853	56032.76563	504878.7	5409421.1
L4880.0	504878.7	5409419.5	7866.00000	263.61	21.05	48.837731	-86.933515	56061.15	56243.4	6.61	56067.76	56079.57031	56002.92197	56028.58984	504878.7	5409419.5
L4880.0	504878.7	5409417.9	7866.10010	265.42	27.05	48.837717	-86.933515	56051.79	56243.4	6.61	56058.41	56070.40625	55998.79416	56024.41797	504878.7	5409417.9
L4880.0	504878.7	5409416.5	7866.20020	264.98	27.05	48.837704	-86.933515	56040.56	56243.4	6.62	56047.18	56059.35938	55994.41314	56019.98438	504878.7	5409416.5
L4880.0	504878.7	5409416.5	7866.29981	264.05	24.04	48.837704	-86.933515	56029.71	56243.4	6.62	56036.33	56048.68359	55990.02539	56015.54297	504878.7	5409416.5
L4880.0	504878.7	5409414.8	7866.39990	262.34	26.3	48.837689	-86.933515	56018.36	56243.4	6.62	56024.98	56037.50391	55985.54285	56011.00391	504878.7	5409414.8
L4880.0	504878.7	5409413.3	7866.50000	262.73	26.3	48.837676	-86.933515	56005.66	56243.4	6.63	56012.29	56024.98047	55980.86448	56006.26172	504878.7	5409413.3
L4880.0	504878.7	5409413.3	7866.60010	263.44	25.67	48.837676	-86.933515	55992.45	56243.4	6.63	55999.08	56011.92969	55976.07646	56001.40234	504878.7	5409413.3
L4880.0	504878.7	5409411.5	7866.70020	266.40	25.67	48.837659	-86.933515	55978.11	56243.4	6.63	55984.74	55997.74219	55971.10176	55996.35547	504878.7	5409411.5
L4880.0	504878.7	5409410.1	7866.79981	266.55	27.21	48.837646	-86.933515	55963.39	56243.4	6.63	55970.02	55983.16406	55966.01673	55991.19141	504878.7	5409410.1
L4880.0	504878.7	5409408.4	7866.89990	267.32	23.78	48.837632	-86.933515	55948.24	56243.4	6.64	55954.88	55968.16406	55960.80895	55985.89844	504878.7	5409408.4
L4880.0	504878.7	5409408.4	7867.00000	265.16	23.78	48.837632	-86.933515	55931.97	56243.4	6.64	55938.61	55952.02344	55955.37941	55980.37891	504878.7	5409408.4
L4880.0	504878.7	5409406.5	7867.10010	265.44	23.78	48.837614	-86.933515	55914.37	56243.4	6.64	55921.01	55934.54688	55949.68792	55974.58984	504878.7	5409406.5
L4880.0	504878.7	5409405.0	7867.20020	264.32	25.87	48.837600	-86.933515	55896.71	56243.4	6.64	55903.35	55917.00391	55943.89565	55968.69531	504878.7	5409405.0
L4880.0	504878.7	5409403.3	7867.29981	262.08	25.87	48.837586	-86.933514	55878.09	56243.4	6.64	55884.73	55898.48828	55937.88251	55962.57422	504878.7	5409403.3
L4880.0	504878.7	5409401.4	7867.39990	263.29	26.82	48.837569	-86.933514	55859.18	56243.4	6.64	55865.82	55879.67969	55931.75113	55956.33203	504878.7	5409401.4
L4880.0	504878.7	5409401.4	7867.50000	263.11	26.82	48.837569	-86.933514	55839.24	56243.4	6.64	55845.88	55859.83203	55925.40998	55949.87109	504878.7	5409401.4
L4880.0	504878.7	5409399.9	7867.60010	262.33	26.98	48.837555	-86.933514	55818.63	56243.4	6.64	55825.26	55839.29688	55918.92748	55943.26563	504878.7	5409399.9
L4880.0	504878.8	5409398.5	7867.70020	262.70	26.92	48.837542	-86.933514	55798.22	56243.4	6.64	55804.86	55818.97266	55912.47191	55936.67969	504878.8	5409398.5
L4880.0	504878.8	5409397.4	7867.79981	264.17	26.92	48.837532	-86.933514	55776.84	56243.4	6.64	55783.48	55797.66016	55905.89009	55929.96094	504878.8	5409397.4
L4880.0	504878.8	5409397.4	7867.89990	270.07	14	48.837532	-86.933514	55755.57	56243.4	6.64	55762.21	55776.44922	55899.39095	55923.32031	504878.8	5409397.4
L4880.0	504878.8	5409395.7	7868.00000	270.67	14	48.837517	-86.933514	55734.20	56243.4	6.64	55740.83	55755.11719	55892.96914	55916.75000	504878.8	5409395.7
L4880.0	504878.8	5409394.6	7868.10010	270.36	26.85	48.837507	-86.933514	55713.31	56243.4	6.64	55719.94	55734.26953	55886.74732	55910.37500	504878.8	5409394.6
L4880.0	504878.8	5409393.1	7868.20020	268.47	26.98	48.837494	-86.933514	55692.00	56243.4	6.63	55698.63	55712.99219	55880.60272	55904.07031	504878.8	5409393.1
L4880.0	504878.8	5409393.1	7868.29981	269.17	26.75	48.837494	-86.933514	55671.36	56243.4	6.63	55677.99	55692.37500	55874.72814	55898.03125	504878.8	5409393.1

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4880.0	504878.8	5409392.0	7868.39990	269.02	26.71	48.837483	-86.933514	55652.16	56243.4	6.63	55658.79	55673.18750	55869.26213	55892.39453	504878.8	5409392.0
L4880.0	504878.8	5409389.6	7868.50000	265.81	26.71	48.837462	-86.933514	55633.27	56243.4	6.63	55639.90	55654.30469	55864.04433	55887.00000	504878.8	5409389.6
L4880.0	504878.8	5409389.6	7868.60010	263.51	22.87	48.837462	-86.933514	55615.87	56243.4	6.62	55622.49	55636.89063	55859.27728	55882.05078	504878.8	5409389.6
L4880.0	504878.8	5409388.3	7868.70020	261.81	22.87	48.837451	-86.933514	55599.68	56243.4	6.62	55606.30	55620.68359	55854.92768	55877.51172	504878.8	5409388.3
L4880.0	504878.8	5409386.7	7868.79981	263.09	25.62	48.837436	-86.933514	55585.04	56243.4	6.62	55591.65	55606.01172	55851.05054	55873.44141	504878.8	5409386.7
L4880.0	504878.8	5409385.2	7868.89990	262.63	25.54	48.837423	-86.933514	55572.59	56243.4	6.61	55579.21	55593.53906	55847.73444	55869.92578	504878.8	5409385.2
L4880.0	504878.8	5409384.0	7869.00000	264.86	25.54	48.837412	-86.933514	55561.74	56243.4	6.61	55568.35	55582.63672	55844.88318	55866.86719	504878.8	5409384.0
L4880.0	504878.8	5409384.0	7869.10010	264.08	25.66	48.837412	-86.933514	55552.46	56243.4	6.61	55559.08	55573.31641	55842.47678	55864.25000	504878.8	5409384.0
L4880.0	504878.7	5409382.6	7869.20020	264.30	26.68	48.837399	-86.933514	55544.89	56243.4	6.62	55551.51	55565.68359	55840.43170	55861.98828	504878.7	5409382.6
L4880.0	504878.7	5409381.2	7869.29981	264.52	26.68	48.837386	-86.933515	55538.95	56243.4	6.63	55545.58	55559.68359	55838.66043	55859.99219	504878.7	5409381.2
L4880.0	504878.7	5409380.1	7869.39990	261.51	26.02	48.837376	-86.933515	55535.04	56243.4	6.63	55541.67	55555.69531	55837.15202	55858.25781	504878.7	5409380.1
L4880.0	504878.7	5409378.1	7869.50000	260.67	26.86	48.837359	-86.933515	55534.01	56243.4	6.64	55540.65	55554.58594	55836.02016	55856.89063	504878.7	5409378.1
L4880.0	504878.7	5409377.3	7869.60010	261.53	14.31	48.837351	-86.933516	55534.16	56243.4	6.64	55540.80	55554.63672	55835.01645	55855.64844	504878.7	5409377.3
L4880.0	504878.6	5409375.7	7869.70020	262.97	14.31	48.837337	-86.933516	55535.34	56243.4	6.65	55541.99	55555.71484	55834.11282	55854.50000	504878.6	5409375.7
L4880.0	504878.6	5409375.7	7869.79981	264.66	14.04	48.837337	-86.933516	55537.92	56243.3	6.65	55544.57	55558.17969	55833.37540	55853.51172	504878.6	5409375.7
L4880.0	504878.6	5409373.8	7869.89990	265.32	15.89	48.837320	-86.933516	55541.26	56243.3	6.66	55547.91	55561.39063	55832.72994	55852.61328	504878.6	5409373.8
L4880.0	504878.6	5409372.7	7870.00000	264.70	19.01	48.837310	-86.933517	55546.20	56243.3	6.66	55552.86	55566.20703	55832.31854	55851.94141	504878.6	5409372.7
L4880.0	504878.5	5409371.4	7870.10010	266.43	19.01	48.837299	-86.933517	55552.69	56243.3	6.66	55559.35	55572.55078	55832.15447	55851.51172	504878.5	5409371.4
L4880.0	504878.5	5409371.4	7870.20020	266.16	21.71	48.837299	-86.933517	55558.84	56243.3	6.66	55565.50	55578.54297	55831.99275	55851.08203	504878.5	5409371.4
L4880.0	504878.5	5409369.9	7870.29981	267.84	25.82	48.837285	-86.933517	55565.20	56243.3	6.66	55571.86	55584.73828	55831.94893	55850.76172	504878.5	5409369.9
L4880.0	504878.5	5409368.4	7870.39990	266.94	25.82	48.837271	-86.933518	55573.40	56243.3	6.66	55580.05	55592.75781	55832.29456	55850.82813	504878.5	5409368.4
L4880.0	504878.5	5409366.9	7870.50000	267.37	24.02	48.837258	-86.933518	55581.20	56243.3	6.65	55587.85	55600.37500	55832.72303	55850.97266	504878.5	5409366.9
L4880.0	504878.5	5409365.4	7870.60010	266.34	24.02	48.837245	-86.933518	55589.20	56243.3	6.65	55595.85	55608.18359	55833.33455	55851.29688	504878.5	5409365.4
L4880.0	504878.4	5409363.8	7870.70020	267.45	22.35	48.837230	-86.933519	55597.95	56243.3	6.65	55604.60	55616.73438	55834.22690	55851.89844	504878.4	5409363.8
L4880.0	504878.4	5409363.8	7870.79981	265.29	23.91	48.837230	-86.933519	55606.40	56243.3	6.65	55613.05	55624.97266	55835.23326	55852.60547	504878.4	5409363.8
L4880.0	504878.4	5409362.3	7870.89990	264.19	23.91	48.837217	-86.933519	55613.77	56243.3	6.65	55620.42	55632.12891	55836.22497	55853.29688	504878.4	5409362.3
L4880.0	504878.4	5409360.6	7871.00000	265.33	19.7	48.837201	-86.933519	55622.22	56243.3	6.65	55628.87	55640.35156	55837.52470	55854.29297	504878.4	5409360.6
L4880.0	504878.4	5409358.9	7871.10010	265.96	19.7	48.837186	-86.933519	55630.89	56243.3	6.65	55637.54	55648.78906	55838.97576	55855.43359	504878.4	5409358.9
L4880.0	504878.4	5409358.9	7871.20020	266.12	20.36	48.837186	-86.933519	55638.69	56243.3	6.65	55645.34	55656.34766	55840.38039	55856.52734	504878.4	5409358.9
L4880.0	504878.4	5409357.5	7871.29981	266.19	20.36	48.837173	-86.933519	55646.99	56243.3	6.66	55653.65	55664.40625	55841.94855	55857.77734	504878.4	5409357.5
L4880.0	504878.4	5409356.3	7871.39990	266.22	23.99	48.837162	-86.933520	55655.48	56243.3	6.66	55662.14	55672.64063	55843.61295	55859.12500	504878.4	5409356.3
L4880.0	504878.4	5409354.5	7871.50000	265.84	24.39	48.837147	-86.933520	55662.86	56243.3	6.66	55669.52	55679.75781	55845.14121	55860.32813	504878.4	5409354.5
L4880.0	504878.4	5409353.4	7871.60010	264.16	24.39	48.837137	-86.933520	55671.76	56243.3	6.66	55678.42	55688.38281	55846.98097	55861.84375	504878.4	5409353.4
L4880.0	504878.4	5409353.4	7871.70020	263.92	25.24	48.837137	-86.933520	55679.84	56243.3	6.66	55686.50	55696.18359	55848.71385	55863.24609	504878.4	5409353.4
L4880.0	504878.4	5409351.7	7871.79981	265.95	25.24	48.837121	-86.933520	55687.48	56243.3	6.67	55694.14	55703.53516	55850.40327	55864.60156	504878.4	5409351.7
L4880.0	504878.4	5409350.4	7871.89990	266.24	18.44	48.837110	-86.933520	55695.98	56243.3	6.67	55702.65	55711.75391	55852.29493	55866.16016	504878.4	5409350.4
L4880.0	504878.3	5409348.7	7872.00000	266.46	22.55	48.837095	-86.933520	55704.53	56243.3	6.67	55711.20	55720.00391	55854.25344	55867.78125	504878.3	5409348.7
L4880.0	504878.3	5409347.7	7872.10010	265.17	22.55	48.837085	-86.933520	55712.56	56243.3	6.67	55719.23	55727.72656	55868.69511	55881.88281	504878.3	5409347.7
L4880.0	504878.3	5409347.7	7872.20020	267.01	22.96	48.837085	-86.933520	55720.28	56243.3	6.67	55726.95	55735.13281	55869.83464	55882.67969	504878.3	5409347.7
L4880.0	504878.3	5409345.7	7872.29981	265.10	24.6	48.837067	-86.933520	55729.20	56243.3	6.67	55735.87	55743.73047	55871.03565	55883.53516	504878.3	5409345.7
L4880.0	504878.3	5409344.4	7872.39990	266.38	24.6	48.837055	-86.933520	55738.21	56243.3	6.67	55744.89	55752.42578	55872.41033	55884.56641	504878.3	5409344.4
L4880.0	504878.3	5409342.6	7872.50000	266.04	19	48.837039	-86.933520	55746.77	56243.3	6.68	55753.45	55760.65625	55874.00432	55885.81250	504878.3	5409342.6
L4880.0	504878.3	5409342.6	7872.60010	268.33	19	48.837039	-86.933520	55755.14	56243.3	6.68	55761.81	55768.67969	55875.80269	55887.25781	504878.3	5409342.6
L4880.0	504878.3	5409341.1	7872.70020	268.41	27.16	48.837025	-86.933521	55763.31	56243.3	6.68	55769.98	55776.50781	55877.80855	55888.91406	504878.3	5409341.1
L4880.0	504878.3	5409339.9	7872.79981	270.42	27.16	48.837015	-86.933521	55772.66	56243.3	6.68	55779.34	55785.51953	55879.95958	55890.71094	504878.3	5409339.9
L4880.0	504878.3	5409338.7	7872.89990	269.31	27.09	48.837004	-86.933521	55781.75	56243.3	6.68	55788.43	55794.25781	55882.32302	55892.72266	504878.3	5409338.7
L4880.0	504878.3	5409337.1	7873.00000	270.02	27.14	48.836989	-86.933521	55790.45	56243.3	6.68	55797.13	55802.60156	55884.88661	55894.92969	504878.3	5409337.1
L4880.0	504878.3	5409337.1	7873.10010	270.57	27.14	48.836989	-86.933521	55799.09	56243.3	6.68	55805.78	55810.89453	55887.62004	55897.30859	504878.3	5409337.1
L4880.0	504878.3	5409335.1	7873.20020	271.65	27.29	48.836972	-86.933521	55807.81	56243.3	6.68	55814.49	55819.23828	55890.50070	55899.83203	504878.3	5409335.1
L4880.0	504878.2	5409333.5	7873.29981	271.37	27.29	48.836957	-86.933522	55816.43	56243.3	6.69	55823.11	55827.48828	55893.51505	55902.48828	504878.2	5409333.5
L4880.0	504878.2	5409333.5	7873.39990	272.07	18.2	48.836957	-86.933522	55825.08	56243.3	6.69	55831.77	55835.77734	55896.63445	55905.25000	504878.2	5409333.5
L4880.0	504878.2	5409332.0	7873.50000	270.69	18.2	48.836944	-86.933522	55833.22	56243.3	6.69	55839.91	55843.54297	55899.84624	55908.10547	504878.2	5409332.0
L4880.0	504878.2	5409330.0	7873.60010	269.61	23.77	48.836926	-86.933522	55841.19	56243.3	6.69	55847.88	55851.13672	55903.11802	55911.01953	504878.2	5409330.0
L4880.0	504878.2	5409328.7	7873.70020	269.41	26.61	48.836914	-86.933522	55848.70	56243.3	6.69	55855.40	55858.27344	55906.43801	55913.98047	504878.2	5409328.7
L4880.0	504878.2	5409328.7	7873.79981	270.11	26.61	48.836914	-86.933522	55856.65	56243.3	6.70	55863.34	55865.82813	55909.75611	55916.94141	504878.2	5409328.7
L4880.0	504878.2	5409326.8	7873.89990	269.09	24.6	48.836897	-86.933523	55864.56	56243.3	6.70	55871.26	55873.36328	55913.06500	55919.89063	504878.2	5409326.8
L4880.0	504878.2	5409325.1	7874.00000	269.02	24.6	48.836882	-86.933523	55872.05	56243.3	6.70	55878.75	55880.46484	55916.36783	55922.83594	504878.2	5409325.1
L4880.0	504878.2	5409325.1	7874.10010	268.93	25.18	48.836882	-86.933523	55879.11	56243.3	6.70	55885.81	55887.13672	55919.65698	55925.76953	504878.2	5409325.1
L4880.0	504878.1	5409323.4	7874.20020	268.76	24.87	48.836867	-86.933523	55885.45	56243.3	6.70	55892.15	55893.08203	55922.94716	55928.70313	504878.1	5409323.4
L4880.0	504878.1	5409322.3	7874.29981	266.34	24.87	48.836856	-86.933523	55892.36	56243.3	6.70	55899.06	55899.60156	55926.15465	55931.55859	504878.1	5409322.3
L4880.0	504878.1	5409320.8	7874.39990	267.00	24.87	48.836844	-86.933524	55899.27	56243.3	6.70	55905.96	55906.10547	55929.30324	55934.35547	504878.1	5409320.8
L4880.0	504878.1	5409319.7	7874.50000	266.78	24.91	48.836833	-86.933524	55906.12	56243.3	6.69	55912.82	55912.57422	55932.38967	55937.08984	504878.1	5409319.7
L4880.0	504878.1	5409317.8	7874.60010	265.23	22.43	48.836816	-86.933524	55912.88	56243.3	6.69	55919.57	55918.92969	55935.41621	55939.76563	504878.1	5409317.8
L4880.0	504878.1	5409317.8	7874.70020	267.13	22.43	48.836816	-86.933524	55919.20	56243.3	6.69	55925.89	55924.85156	55943.92107	55947.91797	504878.1	5409317.8
L4880.0	504878.1	5409316.8	7874.79981	264.24	27.33	48.836807	-86.933524	55925.24	56243.3	6.69	55931.93	55930.49609	55947.17147	55950.82422	504878.1	5409316.8
L4880.0	504878.1	5409315.0	7874.89990	265.07	27.22	48.836791	-86.933524	55930.78	56243.3	6.69	55937.47	55935.64063	55950.28756	55953.59375	504878.1	5409315.0
L4880.0	504878.1	5409315.0	7875.00000	266.29	27.22	48.836791	-86.933524	55936.50	56243.3	6.69	55943.19	55940.96484	55953.40289	55956.36719	504878.1	5409315.0
L4880.0	504878.1	5409313.6	7875.10010	267.51	28.18	48.836778	-86.933523	55941.64	56243.3	6.69	55948.33	55945.71094	55956.37932	55959.00000	504878.1	5409313.6
L4880.0	504878.1	5409312.2	7875.20020	269.15	28.18	48.836765	-86.933523	55947.00	56243.3	6.69	55953.69	55950.67969	55959.36728	55961.64844	504878.1	5409312.2
L4880.0	504878.1	5409312.2	7875.29981	269.66	21.08	48.836765	-86.933523	55952.06	56243.3	6.69	55958.75	55955.34375	55962.27529	55964.22266	504878.1	5409312.2
L4880.0	504878.1	5409310.3	7875.39990	268.86	25.91	48.836748	-86.933523	55957.09	56243.3	6.69	55963.78	55959.98438	55965.15435	55966.76563	504878.1	5409310.3
L4880.0	504878.1	5409308.9	7875.50000	268.45	25.91	48.836736	-86.933523	55962.18	56243.3	6.69	55968.87	55964.68750	55968.02156	55969.30078	504878.1	5409308.9
L4880.0	504878.1	5409307.4	7875.60010	267.03	26.34	48.836722	-86.933523	55965.99	56243.3	6.69	55972.68	55968.10938	55970.64986	55971.60156	504878.1	5409307.4
L4880.0	504878.1	5409306.1	7875.70020	269.35	28.4	48.836711	-86.933523	55970.42	56243.3	6.69	55977.11	55972.15234	55973.36624	55973.99219	504878.1	5409306.1
L4880.0	504878.1	5409306.1	7875.79981	266.97	28.4	48.836711	-86.933523	55975.10	56243.3	6.69	55981.79	55976.44922	55976.10612	55976.41016	504878.1	5409306.1
L4880.0	504878.1	5409304.2	7875.89990	265.45	27.41	48.836694	-86.933523	55979.96	56243.3	6.69	55986.65	55980.92969	55978.85653	55978.83984	504878.1	5409304.2
L4880.0	504878.1	5409303.0	7876.00000	265.36	27.41	48.836683	-86.933524	55984.00	56243.3	6.69	55990.69	55984.59375	55981.45160	55981.11719	504878.1	5409303.0
L4880.0	504878.1	5409301.6	7876.10010	264.22	27.58	48.836671	-86.933524	55987.97	56243.3	6.69	55994.66	55988.18750	55984.01628	55983.37109	504878.1	5409301.6
L4880.0	504878.1	5409301.6	7876.20020	265.08	28.09	48.836671	-86.933524	55991.32	56243.3	6.69	55998.01	55991.16797	55986.46102	55985.50391	504878.1	5409301.6
L4880.0	504878.1	5409300.0	7876.29981	264.79	28.09	48.836656	-86.933524	55995.44	56243.3	6.69	56002.13	55994.91797	55989.01053	55987.75000	504878.1	5409300.0
L4880.0	504878.1	5409298.5	7876.39990	265.19	25.47	48.836643	-86.933524	55998.90	56243.3	6.69	56005.59	55998.01563	55991.43271	55989.86719	504878.1	5409298.5
L4880.0	504878.1	5409297.1	7876.50000	266.28	22.16	48.836630	-86.933524	56002.02	56243.3	6.69	56008.71	56000.77344	55993.78036	55991.91797	504878.1	5409297.1
L4880.0	504878.1	5409297.1	7876.60010	267.25	22.16	48.836630	-86.933524	56005.88	56243.3	6.69	56012.57	56004.27734	55996.22380	55994.06641	504878.1	5409297.1
L4880.0	504878.1	5409295.2	7876.70020	265.71	28.79	48.836613	-86.933524	56008.70	56243.3	6.69	56015.39	56006.74219	55998.48340	55996.03516	504878.1	5409295.2
L4880.0	504878.1	5409293.4	7876.79981	266.25	28.79	48.836597	-86.933524	56011.85	56243.3	6.69	56018.54	56009.54688	56000.77492	55998.03906	504878.1	5409293.4
L4880.0	504878.1	5409291.9	7876.89990	267.38	28.79	48.836583	-86.933524	56015.12	56243.3	6.69	56021.81	56012.47266	56003.06560	56000.04688	504878.1	5409291.9
L4880.0	504878.1	5409291.9	7877.00000	265.09	26.69	48.836583	-86.933524	56018.03	56243.3	6.69	56024.72	56015.04297	56005.28239	56001.98438	504878.1	5409291.9
L4880.0	504878.1	5409290.5	7877.10010	264.80	24.81	48.836570	-86.933524	56020.15	56243.3	6.69	56026.84	56016.82813	56007.36252	56003.78906	504878.1	5409290.5
L4880.0	504878.1	5409289.0	7877.20020	266.33	23	48.836557	-86.933524	56022.30	56243.3	6.68	56028.99	56018.64844	56009.43051	56005.58984	504878.1	5409289.0
L4880.0	504878.1	5409287.3	7877.29981	265.65	23	48.836542	-86.933524	56025.52	56243.3	6.68	56032.20	56021.53516	56011.63805	56007.53125	504878.1	5409287.3
L4880.0	504878.1	5409285.9	7877.39990	268.32	26.39	48.836530	-86.933524	56028.60	56243.3	6.68	56035.28	56024.29688	56013.80739	56009.43750	504878.1	5409285.9
L4880.0	504878.1	5409284.7	7877.50000	267.19	26.39	48.836519	-86.933524	56031.68	56243.3	6.68	56038.36	56027.06250	56015.95796	56011.33203	504878.1	5409284.7
L4880.0	504878.1	5409284.7	7877.60010	265.35	26.39	48.836519	-86.933524	56033.76	56243.3	6.67	56040.43	56028.82422	56017.94429	56013.06641	504878.1	5409284.7

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4880.0	504878.1	5409283.2	7877.70020	265.03	28.59	48.836505	-86.933524	56036.14	56243.3	6.67	56042.81	56030.90234	56019.95984	56014.83203	504878.1	5409283.2
L4880.0	504878.1	5409281.9	7877.79981	265.37	27.51	48.836493	-86.933525	56038.46	56243.3	6.67	56045.12	56032.91797	56021.95072	56016.58203	504878.1	5409281.9
L4880.0	504878.1	5409280.5	7877.89990	263.13	27.51	48.836480	-86.933525	56040.36	56243.3	6.66	56047.02	56034.52734	56023.87142	56018.26563	504878.1	5409280.5
L4880.0	504878.1	5409280.5	7878.00000	263.10	29.73	48.836480	-86.933525	56042.86	56243.3	6.66	56049.52	56036.74219	56025.86821	56020.02734	504878.1	5409280.5
L4880.0	504878.0	5409278.8	7878.10010	264.58	29.73	48.836465	-86.933525	56045.34	56243.3	6.66	56052.01	56038.95703	56027.85747	56021.78906	504878.0	5409278.8
L4880.0	504878.0	5409277.2	7878.20020	264.79	30.02	48.836451	-86.933525	56047.67	56243.3	6.67	56054.33	56041.00391	56029.82017	56023.52734	504878.0	5409277.2
L4880.0	504878.0	5409277.2	7878.29981	265.09	30.5	48.836451	-86.933525	56049.95	56243.3	6.67	56056.62	56043.02734	56031.78047	56025.26953	504878.0	5409277.2
L4880.0	504878.0	5409275.8	7878.39990	265.49	30.5	48.836438	-86.933526	56052.07	56243.3	6.67	56058.75	56044.89844	56033.72840	56027.00000	504878.0	5409275.8
L4880.0	504878.0	5409274.1	7878.50000	265.40	30.9	48.836423	-86.933526	56053.82	56243.3	6.68	56060.50	56046.39844	56035.63909	56028.70313	504878.0	5409274.1
L4880.0	504878.0	5409274.1	7878.60010	265.82	30.98	48.836423	-86.933526	56056.35	56243.3	6.68	56063.03	56048.68359	56037.69840	56030.55859	504878.0	5409274.1
L4880.0	504878.0	5409271.0	7878.70020	265.12	30.98	48.836395	-86.933526	56059.46	56243.3	6.68	56066.14	56051.55469	56039.89111	56032.55078	504878.0	5409271.0
L4880.0	504878.0	5409271.0	7878.79981	264.11	31.18	48.836395	-86.933526	56061.00	56243.3	6.68	56067.69	56052.87109	56041.86950	56034.33594	504878.0	5409271.0
L4880.0	504877.9	5409269.6	7878.89990	265.40	31.32	48.836383	-86.933526	56063.33	56243.3	6.69	56070.02	56054.97656	56044.01897	56036.29688	504877.9	5409269.6
L4880.0	504877.9	5409267.9	7879.00000	266.22	31.32	48.836368	-86.933527	56065.53	56243.3	6.69	56072.22	56056.96094	56046.18613	56038.28125	504877.9	5409267.9
L4880.0	504877.9	5409266.4	7879.10010	264.33	31.25	48.836354	-86.933527	56068.06	56243.3	6.69	56074.75	56059.27734	56045.19517	56037.10938	504877.9	5409266.4
L4880.0	504877.9	5409266.4	7879.20020	264.49	31.19	48.836354	-86.933527	56070.59	56243.3	6.69	56077.27	56061.59375	56047.50879	56039.25000	504877.9	5409266.4
L4880.0	504877.9	5409265.0	7879.29981	265.57	31.19	48.836341	-86.933527	56072.44	56243.3	6.69	56079.13	56063.25781	56049.89069	56041.46094	504877.9	5409265.0
L4880.0	504877.9	5409263.9	7879.39990	265.13	31.19	48.836331	-86.933527	56074.76	56243.3	6.69	56081.45	56065.38672	56052.26832	56043.67578	504877.9	5409263.9
L4880.0	504877.9	5409262.7	7879.50000	265.87	30.62	48.836320	-86.933527	56077.44	56243.3	6.68	56084.13	56067.88672	56054.66562	56045.91406	504877.9	5409262.7
L4880.0	504877.9	5409261.5	7879.60010	264.23	30.62	48.836310	-86.933527	56078.83	56243.3	6.68	56085.52	56069.10156	56057.06717	56048.16016	504877.9	5409261.5
L4880.0	504877.9	5409259.7	7879.70020	265.21	30.88	48.836294	-86.933527	56080.84	56243.3	6.68	56087.52	56070.92969	56059.46163	56050.40625	504877.9	5409259.7
L4880.0	504877.9	5409259.7	7879.79981	265.89	31.55	48.836294	-86.933527	56084.02	56243.3	6.68	56090.70	56073.94922	56061.92070	56052.72266	504877.9	5409259.7
L4880.0	504877.9	5409257.3	7879.89990	276.21	32.62	48.836272	-86.933527	56086.35	56243.3	6.68	56093.03	56076.12500	56064.33759	56055.00000	504877.9	5409257.3
L4880.0	504877.9	5409257.3	7880.00000	278.25	32.62	48.836272	-86.933527	56088.50	56243.3	6.68	56095.18	56078.12891	56066.72109	56057.25000	504877.9	5409257.3
L4880.0	504877.9	5409255.6	7880.10010	278.29	31.97	48.836257	-86.933527	56090.12	56243.3	6.68	56096.80	56079.60938	56069.00778	56059.41016	504877.9	5409255.6
L4880.0	504877.9	5409254.0	7880.10010	278.29	31.97	48.836242	-86.933527	56092.84	56243.3	6.68	56099.52	56082.19531	56071.40206	56061.67969	504877.9	5409254.0
L4880.0	504877.9	5409252.4	7880.20020	278.07	28.08	48.836228	-86.933527	56094.92	56243.3	6.68	56101.60	56084.15234	56073.66838	56063.82813	504877.9	5409252.4
L4880.0	504877.9	5409251.1	7880.29981	277.97	27.78	48.836216	-86.933527	56096.28	56243.3	6.67	56102.96	56085.39453	56075.75106	56065.79688	504877.9	5409251.1
L4880.0	504877.9	5409251.1	7880.50000	277.23	21.91	48.836216	-86.933527	56098.24	56243.3	6.67	56104.91	56087.23438	56077.87122	56067.80469	504877.9	5409251.1
L4880.0	504878.0	5409249.5	7880.60010	278.05	21.91	48.836202	-86.933527	56100.18	56243.3	6.67	56106.85	56089.07031	56079.92471	56069.75781	504878.0	5409249.5
L4880.0	504878.0	5409247.8	7880.70020	277.64	25.27	48.836187	-86.933526	56102.38	56243.3	6.67	56109.05	56091.17188	56081.96761	56071.69922	504878.0	5409247.8
L4880.0	504878.0	5409247.8	7880.79981	277.56	25.27	48.836187	-86.933526	56104.56	56243.3	6.66	56111.23	56093.26172	56083.94090	56073.57813	504878.0	5409247.8
L4880.0	504878.0	5409246.3	7880.89990	278.49	27.71	48.836173	-86.933526	56106.15	56243.3	6.66	56112.81	56094.75781	56085.70371	56075.25000	504878.0	5409246.3
L4880.0	504878.0	5409245.0	7881.00000	277.04	28.91	48.836161	-86.933526	56107.68	56243.3	6.66	56114.34	56096.21094	56087.37874	56076.84375	504878.0	5409245.0
L4880.0	504878.0	5409243.6	7881.10010	277.63	28.91	48.836149	-86.933526	56109.38	56243.3	6.66	56116.05	56097.85156	56089.02607	56078.41016	504878.0	5409243.6
L4880.0	504878.0	5409242.1	7881.20020	277.93	29.37	48.836136	-86.933526	56111.49	56243.3	6.67	56118.16	56099.90234	56090.70469	56080.01172	504878.0	5409242.1
L4880.0	504878.0	5409242.1	7881.29981	275.98	29.37	48.836136	-86.933526	56112.76	56243.3	6.67	56119.43	56101.11328	56092.10383	56081.33984	504878.0	5409242.1
L4880.0	504878.0	5409240.4	7881.39990	276.66	23.11	48.836119	-86.933526	56113.99	56243.3	6.68	56120.67	56102.30469	56093.43935	56082.60938	504878.0	5409240.4
L4880.0	504878.0	5409239.3	7881.50000	277.28	25.24	48.836110	-86.933526	56115.32	56243.3	6.68	56122.00	56103.59375	56094.75656	56083.86719	504878.0	5409239.3
L4880.0	504878.1	5409237.6	7881.60010	275.43	25.24	48.836095	-86.933525	56116.75	56243.3	6.68	56123.43	56104.98828	56096.07298	56085.12500	504878.1	5409237.6
L4880.0	504878.1	5409236.2	7881.70020	274.31	22.56	48.836082	-86.933525	56118.40	56243.3	6.69	56125.09	56106.62109	56097.42435	56086.42188	504878.1	5409236.2
L4880.0	504878.1	5409236.2	7881.79981	274.26	24.8	48.836082	-86.933525	56119.79	56243.3	6.69	56126.48	56107.98438	56098.68971	56087.64063	504878.1	5409236.2
L4880.0	504878.1	5409234.3	7881.89990	273.94	24.8	48.836065	-86.933525	56120.74	56243.3	6.70	56127.43	56108.91797	56099.83245	56088.73828	504878.1	5409234.3
L4880.0	504878.1	5409232.7	7882.00000	274.92	25.58	48.836050	-86.933525	56121.84	56243.3	6.70	56128.54	56110.01953	56101.00465	56089.87109	504878.1	5409232.7
L4880.0	504878.1	5409231.6	7882.10010	277.50	25.7	48.836040	-86.933525	56123.28	56243.3	6.69	56129.97	56111.44531	56102.24676	56091.07813	504878.1	5409231.6
L4880.0	504878.1	5409230.0	7882.20020	276.22	25.7	48.836026	-86.933525	56124.36	56243.3	6.69	56131.05	56112.52734	56103.39260	56092.19531	504878.1	5409230.0
L4880.0	504878.1	5409230.0	7882.29981	277.45	27.66	48.836026	-86.933525	56125.73	56243.3	6.68	56132.42	56113.90625	56104.60280	56093.37891	504878.1	5409230.0
L4880.0	504878.1	5409228.7	7882.39990	278.03	18.89	48.836014	-86.933525	56126.62	56243.3	6.68	56133.30	56114.80078	56105.68145	56094.43359	504878.1	5409228.7
L4880.0	504878.1	5409227.2	7882.50000	278.39	18.89	48.836001	-86.933525	56127.75	56243.3	6.68	56134.43	56115.94922	56106.81215	56095.54688	504878.1	5409227.2
L4880.0	504878.1	5409225.4	7882.60010	277.75	20.7	48.835985	-86.933524	56128.77	56243.3	6.67	56135.44	56116.98438	56107.90295	56096.62109	504878.1	5409225.4
L4880.0	504878.1	5409225.4	7882.70020	278.24	20.7	48.835985	-86.933524	56128.46	56243.3	6.67	56135.13	56116.70313	56108.65396	56097.36328	504878.1	5409225.4
L4880.0	504878.1	5409224.1	7882.79981	277.30	25.71	48.835973	-86.933524	56130.16	56243.3	6.66	56136.82	56118.42969	56109.89330	56098.59766	504878.1	5409224.1
L4880.0	504878.1	5409222.7	7882.89990	275.77	25.8	48.835960	-86.933524	56130.92	56243.3	6.65	56137.58	56119.23047	56110.88922	56099.58984	504878.1	5409222.7
L4880.0	504878.2	5409221.5	7883.00000	274.96	25.8	48.835950	-86.933524	56131.90	56243.3	6.65	56138.55	56120.25000	56111.92650	56100.62891	504878.2	5409221.5
L4880.0	504878.2	5409220.0	7883.10010	276.28	25.89	48.835937	-86.933524	56133.06	56243.3	6.65	56139.72	56121.46875	56113.00414	56101.71094	504878.2	5409220.0
L4880.0	504878.2	5409220.0	7883.20020	276.37	25.89	48.835937	-86.933524	56133.80	56243.3	6.65	56140.45	56122.25781	56113.96223	56102.67578	504878.2	5409220.0
L4880.0	504878.2	5409218.1	7883.29981	277.21	27.52	48.835920	-86.933524	56134.64	56243.3	6.66	56141.29	56123.16016	56114.93989	56103.66797	504878.2	5409218.1
L4880.0	504878.2	5409216.6	7883.39990	276.84	27.52	48.835905	-86.933523	56135.83	56243.3	6.66	56142.49	56124.42578	56116.00143	56104.74219	504878.2	5409216.6
L4880.0	504878.2	5409215.3	7883.50000	275.39	26.21	48.835894	-86.933523	56135.77	56243.3	6.66	56142.43	56124.43750	56116.73639	56105.50000	504878.2	5409215.3
L4880.0	504878.3	5409213.6	7883.60010	276.99	26.21	48.835879	-86.933523	56136.53	56243.3	6.66	56143.19	56125.27344	56117.67443	56106.46094	504878.3	5409213.6
L4880.0	504878.3	5409213.6	7883.70020	276.56	22.66	48.835879	-86.933523	56137.21	56243.3	6.66	56143.88	56126.04297	56118.59037	56107.40234	504878.3	5409213.6
L4880.0	504878.3	5409211.9	7883.79981	275.38	18.06	48.835864	-86.933522	56138.58	56243.3	6.67	56145.25	56127.49609	56119.67943	56108.51953	504878.3	5409211.9
L4880.0	504878.3	5409210.0	7883.89990	277.23	18.06	48.835846	-86.933522	56138.93	56243.3	6.67	56145.60	56127.93750	56120.50077	56109.37500	504878.3	5409210.0
L4880.0	504878.3	5409208.3	7884.00000	277.51	18.06	48.835831	-86.933522	56139.48	56243.3	6.67	56146.15	56128.57813	56121.37087	56110.28125	504878.3	5409208.3
L4880.0	504878.3	5409208.3	7884.10010	277.43	23.48	48.835831	-86.933522	56140.20	56243.3	6.67	56146.87	56129.39453	56122.28377	56111.23047	504878.3	5409208.3
L4880.0	504878.4	5409206.8	7884.20020	278.45	23.48	48.835818	-86.933522	56141.37	56243.3	6.67	56148.04	56130.66797	56123.31504	56112.30469	504878.4	5409206.8
L4880.0	504878.4	5409205.2	7884.29981	277.91	26.12	48.835803	-86.933522	56141.71	56243.3	6.67	56148.39	56131.12109	56124.12116	56113.15625	504878.4	5409205.2
L4880.0	504878.4	5409205.2	7884.39990	278.52	26.12	48.835803	-86.933522	56142.26	56243.3	6.67	56148.93	56131.76953	56123.66323	56112.74609	504878.4	5409205.2
L4880.0	504878.4	5409203.8	7884.50000	278.29	25.81	48.835791	-86.933522	56143.06	56243.3	6.68	56149.73	56132.67969	56124.55295	56113.68750	504878.4	5409203.8
L4880.0	504878.4	5409202.2	7884.60010	277.96	28.13	48.835777	-86.933522	56144.29	56243.3	6.68	56150.97	56134.03516	56125.37020	56114.56250	504878.4	5409202.2
L4880.0	504878.4	5409200.9	7884.70020	278.64	23.7	48.835765	-86.933522	56145.34	56243.3	6.68	56152.01	56135.19531	56126.19791	56115.44531	504878.4	5409200.9
L4880.0	504878.4	5409200.9	7884.79981	277.66	23.7	48.835765	-86.933522	56145.92	56243.3	6.68	56152.60	56135.90625	56127.06197	56116.37109	504878.4	5409200.9
L4880.0	504878.4	5409199.0	7884.89990	276.38	27.73	48.835748	-86.933522	56146.32	56243.3	6.68	56153.00	56136.42969	56127.92578	56117.29688	504878.4	5409199.0
L4880.0	504878.4	5409199.0	7885.00000	276.32	27.73	48.835748	-86.933522	56146.86	56243.3	6.68	56153.54	56137.09766	56128.75018	56118.18750	504878.4	5409199.0
L4880.0	504878.4	5409197.6	7885.10010	278.35	28.6	48.835735	-86.933522	56147.36	56243.3	6.68	56154.03	56137.71875	56129.55764	56119.06250	504878.4	5409197.6
L4880.0	504878.4	5409195.8	7885.20020	279.34	29.62	48.835719	-86.933522	56147.36	56243.3	6.68	56154.03	56137.85156	56130.39418	56119.96875	504878.4	5409195.8
L4880.0	504878.4	5409194.7	7885.29981	278.20	29.62	48.835708	-86.933522	56147.41	56243.3	6.67	56154.09	56138.05078	56131.19933	56120.84766	504878.4	5409194.7
L4880.0	504878.4	5409193.2	7885.39990	278.99	29.93	48.835696	-86.933522	56147.84	56243.3	6.67	56154.51	56138.60938	56131.94316	56121.66797	504878.4	5409193.2
L4880.0	504878.4	5409193.2	7885.50000	277.48	29.93	48.835696	-86.933522	56148.44	56243.3	6.67	56155.11	56139.34766	56132.64483	56122.44531	504878.4	5409193.2
L4880.0	504878.4	5409191.4	7885.60010	277.78	29.38	48.835679	-86.933522	56149.54	56243.3	6.67	56156.21	56140.59375	56133.27234	56123.15625	504878.4	5409191.4
L4880.0	504878.4	5409189.9	7885.70020	277.74	30.46	48.835665	-86.933522	56150.21	56243.3	6.67	56156.88	56141.40625	56133.91747	56123.88281	504878.4	5409189.9
L4880.0	504878.4	5409188.1	7885.79981	278.36	30.46	48.835650	-86.933521	56151.25	56243.3	6.66	56157.92	56142.59766	56134.50120	56124.55078	504878.4	5409188.1
L4880.0	504878.4	5409186.9	7885.89990	279.12	28.49	48.835638	-86.933521	56151.54	56243.3	6.66	56158.20	56143.02734	56135.13503	56125.27344	504878.4	5409186.9
L4880.0	504878.4	5409185.7	7886.00000	278.04	28.49	48.835628	-86.933521	56151.96	56243.3	6.66	56158.62	56143.59766	56135.73114	56125.95703	504878.4	5409185.7
L4880.0	504878.4	5409185.7	7886.10010	279.32	27.9	48.835628	-86.933521	56152.42	56243.3	6.66	56159.08	56144.21094	56136.30027	56126.61719	504878.4	5409185.7
L4880.0	504878.4	5409184.2	7886.20020	279.19	28.93	48.835614	-86.933521	56152.82	56243.3	6.66	56159.48	56144.76563	56136.85354	56127.26563	504878.4	5409184.2
L4880.0	504878.4	5409184.2	7886.29981	280.31	28.93	48.835614	-86.933521	56153.13	56243.3	6.66	56159.80	56145.24219	56137.39411	56127.90234	504878.4	5409184.2
L4880.0	504878.5	5409181.3	7886.39990	279.97	28.93	48.835588	-86.933520	56153.83	56243.3	6.66	56160.50	56146.10156	56137.87042	56128.47656	504878.5	5409181.3
L4880.0	504878.5	5409181.3	7886.50000	279.67	32.89	48.835588	-86.933520	56154.36	56243.3	6.67	56161.03	56146.78906	56138.34439	56129.05078	504878.5	5409181.3
L4880.0	504878.5	5409179.2	7886.60010	279.08	26.94	48.835569	-86.933520	56154.16	56243.3	6.67	56160.83	56146.75000	56138.88898	56129.69531	504878.5	5409179.2
L4880.0	504878.5	5409178.0	7886.70020	279.28	26.94	48.835559	-86.933520	56155.28	56243.3	6.67	56161.94	56148.02344	56139.24910	56130.16016	504878.5	5409178.0
L4880.0	504878.5	5409178.0	7886.79981	276.51	31.07	48.835559	-86.933520	56155.32	56243.3	6.67	56161.99	56148.23438	56139.72833	56130.74219	504878.5	5409178.0
L4880.0	504878.5	5409176.3	7886.89990	276.00	31.07	48.835543	-86.933520	56156.12	56243.3	6.67	56162.79	56149.19922	56141.12240	56132.24219	504878.5	5409176.3

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4880.0	504878.5	5409174.5	7887.00000	274.93	32.87	48.835527	-86.933519	56156.38	56243.3	6.67	56163.05	56149.62500	56141.46764	56132.69531	504878.5	5409174.5
L4880.0	504878.6	5409173.1	7887.10010	276.42	30.35	48.835514	-86.933519	56156.84	56243.3	6.67	56163.51	56150.25000	56141.85601	56133.19531	504878.6	5409173.1
L4880.0	504878.6	5409171.7	7887.20020	276.50	30.35	48.835502	-86.933519	56157.20	56243.3	6.67	56163.87	56150.77734	56142.21160	56133.66016	504878.6	5409171.7
L4880.0	504878.6	5409171.7	7887.29981	277.22	30.35	48.835502	-86.933519	56157.32	56243.3	6.67	56163.99	56151.06250	56142.50419	56134.06641	504878.6	5409171.7
L4880.0	504878.6	5409169.8	7887.39990	277.19	33.39	48.835485	-86.933519	56158.01	56243.3	6.67	56164.68	56151.91797	56142.93896	56134.61719	504878.6	5409169.8
L4880.0	504878.6	5409168.2	7887.50000	275.39	33.39	48.835470	-86.933519	56157.96	56243.3	6.67	56164.62	56152.02734	56143.19388	56134.98828	504878.6	5409168.2
L4880.0	504878.6	5409168.2	7887.60010	276.87	33.63	48.835470	-86.933519	56158.86	56243.3	6.66	56165.53	56153.10547	56143.68700	56135.59766	504878.6	5409168.2
L4880.0	504878.5	5409166.6	7887.70020	277.22	33.63	48.835456	-86.933520	56158.46	56243.3	6.66	56165.13	56152.87109	56143.88274	56135.91016	504878.5	5409166.6
L4880.0	504878.5	5409165.1	7887.79981	277.46	34.96	48.835443	-86.933520	56159.06	56243.3	6.66	56165.73	56153.64063	56144.32310	56136.47266	504878.5	5409165.1
L4880.0	504878.5	5409163.5	7887.89990	276.79	34.96	48.835428	-86.933520	56159.17	56243.3	6.66	56165.83	56153.91016	56144.66319	56136.93359	504878.5	5409163.5
L4880.0	504878.5	5409163.5	7888.00000	275.69	34.09	48.835428	-86.933520	56159.63	56243.3	6.66	56166.29	56154.53516	56145.09739	56137.48828	504878.5	5409163.5
L4880.0	504878.5	5409161.8	7888.10010	274.60	33.87	48.835413	-86.933520	56160.06	56243.3	6.66	56166.72	56155.13281	56145.53775	56138.05078	504878.5	5409161.8
L4880.0	504878.5	5409160.2	7888.20020	275.45	33.87	48.835398	-86.933520	56160.77	56243.3	6.66	56167.43	56156.01172	56146.05293	56138.69141	504878.5	5409160.2
L4880.0	504878.5	5409159.0	7888.29981	275.45	26.33	48.835388	-86.933520	56160.82	56243.3	6.66	56167.48	56156.22656	56146.44002	56139.20313	504878.5	5409159.0
L4880.0	504878.5	5409159.0	7888.39990	274.97	27.38	48.835388	-86.933520	56160.74	56243.3	6.66	56167.40	56156.31250	56146.81534	56139.70703	504878.5	5409159.0
L4880.0	504878.5	5409157.1	7888.50000	275.07	27.38	48.835371	-86.933520	56161.11	56243.3	6.66	56167.77	56156.84766	56147.30395	56140.32031	504878.5	5409157.1
L4880.0	504878.5	5409155.5	7888.60010	274.98	33.43	48.835356	-86.933521	56161.53	56243.3	6.66	56168.19	56157.43359	56147.81982	56140.96484	504878.5	5409155.5
L4880.0	504878.5	5409155.5	7888.70020	276.46	33.43	48.835356	-86.933521	56162.10	56243.3	6.66	56168.76	56158.16797	56148.38454	56141.66016	504878.5	5409155.5
L4880.0	504878.5	5409153.6	7888.79981	277.84	36.18	48.835339	-86.933521	56162.16	56243.3	6.66	56168.82	56158.39453	56148.85137	56142.25391	504878.5	5409153.6
L4880.0	504878.5	5409152.1	7888.89990	277.74	36.18	48.835326	-86.933521	56161.98	56243.3	6.66	56168.64	56158.37500	56149.27414	56142.80859	504878.5	5409152.1
L4880.0	504878.4	5409150.5	7889.00000	278.14	37.82	48.835311	-86.933521	56162.76	56243.3	6.66	56169.42	56159.31641	56149.92180	56143.58594	504878.4	5409150.5
L4880.0	504878.4	5409150.5	7889.10010	278.61	37.47	48.835311	-86.933521	56163.28	56243.3	6.66	56169.94	56160.00000	56150.51741	56144.31641	504878.4	5409150.5
L4880.0	504878.4	5409149.3	7889.20020	276.79	37.47	48.835300	-86.933521	56163.09	56243.3	6.66	56169.75	56159.96875	56150.94803	56144.87891	504878.4	5409149.3
L4880.0	504878.4	5409147.3	7889.29981	275.78	37.73	48.835283	-86.933522	56163.24	56243.3	6.66	56169.90	56160.27734	56151.45471	56145.51953	504878.4	5409147.3
L4880.0	504878.4	5409147.3	7889.39990	275.03	36.83	48.835283	-86.933522	56163.86	56243.3	6.66	56170.52	56161.05469	56152.06927	56146.26563	504878.4	5409147.3
L4880.0	504878.4	5409145.5	7889.50000	275.87	36.83	48.835266	-86.933522	56163.60	56243.3	6.66	56170.26	56160.94922	56152.45690	56146.78906	504878.4	5409145.5
L4880.0	504878.4	5409144.2	7889.60010	275.88	37.97	48.835255	-86.933522	56164.30	56243.3	6.66	56170.96	56161.80469	56153.06893	56147.53516	504878.4	5409144.2
L4880.0	504878.4	5409144.2	7889.70020	277.85	37.97	48.835255	-86.933522	56164.79	56243.3	6.66	56171.45	56162.44922	56153.60859	56148.20703	504878.4	5409144.2
L4880.0	504878.4	5409142.5	7889.79981	276.05	36.68	48.835240	-86.933522	56164.86	56243.3	6.66	56171.52	56162.67188	56154.01867	56148.75391	504878.4	5409142.5
L4880.0	504878.4	5409141.1	7889.89990	276.76	37.8	48.835227	-86.933522	56165.01	56243.3	6.66	56171.67	56162.97266	56154.42805	56149.30078	504878.4	5409141.1
L4880.0	504878.4	5409139.6	7890.00000	278.84	37.8	48.835213	-86.933522	56165.32	56243.3	6.66	56171.98	56163.42969	56154.85991	56149.86719	504878.4	5409139.6
L4880.0	504878.4	5409139.6	7890.10010	278.31	37.69	48.835213	-86.933522	56166.03	56243.3	6.66	56172.69	56164.28906	56155.37989	56150.52344	504878.4	5409139.6
L4880.0	504878.4	5409137.5	7890.20020	279.09	37.69	48.835194	-86.933522	56166.33	56243.3	6.66	56172.99	56164.73438	56155.78489	56151.06641	504878.4	5409137.5
L4880.0	504878.3	5409136.2	7890.29981	277.18	39.13	48.835182	-86.933523	56166.18	56243.3	6.66	56172.84	56164.73047	56156.07066	56151.48828	504878.3	5409136.2
L4880.0	504878.3	5409135.0	7890.39990	278.27	41.46	48.835172	-86.933523	56166.74	56243.3	6.66	56173.40	56165.43359	56156.53595	56152.08984	504878.3	5409135.0
L4880.0	504878.3	5409135.0	7890.50000	278.04	41.46	48.835172	-86.933523	56167.46	56243.3	6.67	56174.13	56166.30469	56157.04706	56152.73828	504878.3	5409135.0
L4880.0	504878.4	5409133.5	7890.60010	277.76	32.76	48.835159	-86.933522	56167.03	56243.3	6.67	56173.70	56166.01172	56157.27597	56153.10156	504878.4	5409133.5
L4880.0	504878.4	5409131.8	7890.70020	276.65	32.76	48.835143	-86.933522	56167.75	56243.3	6.67	56174.42	56166.86719	56157.80020	56153.76563	504878.4	5409131.8
L4880.0	504878.4	5409130.3	7890.79981	276.01	42.55	48.835130	-86.933522	56167.44	56243.3	6.67	56174.11	56166.69531	56158.07886	56154.17969	504878.4	5409130.3
L4880.0	504878.4	5409130.3	7890.89990	276.53	42.55	48.835130	-86.933522	56168.04	56243.3	6.67	56174.70	56167.41797	56158.58932	56154.82813	504878.4	5409130.3
L4880.0	504878.4	5409128.7	7891.00000	275.70	41.61	48.835116	-86.933522	56168.75	56243.3	6.67	56175.42	56168.26953	56159.14120	56155.51563	504878.4	5409128.7
L4880.0	504878.4	5409127.7	7891.10010	274.20	41.88	48.835106	-86.933522	56169.19	56243.3	6.67	56175.86	56168.83984	56159.63169	56156.14453	504878.4	5409127.7
L4880.0	504878.4	5409125.8	7891.20020	274.08	41.88	48.835089	-86.933522	56169.32	56243.3	6.67	56175.99	56169.09766	56160.05304	56156.70313	504878.4	5409125.8
L4880.0	504878.4	5409125.8	7891.29981	274.61	41.39	48.835089	-86.933522	56169.12	56243.3	6.67	56175.78	56169.01172	56160.39684	56157.18359	504878.4	5409125.8
L4880.0	504878.4	5409124.4	7891.39990	274.86	41.39	48.835076	-86.933522	56169.82	56243.3	6.67	56176.48	56169.83594	56160.97438	56157.89453	504878.4	5409124.4
L4880.0	504878.4	5409124.4	7891.50000	276.30	42.69	48.835076	-86.933522	56169.95	56243.3	6.67	56176.61	56170.08984	56161.41807	56158.47656	504878.4	5409124.4
L4880.0	504878.5	5409121.3	7891.60010	276.08	44.7	48.835049	-86.933521	56170.38	56243.3	6.66	56177.04	56170.63672	56161.94700	56159.14063	504878.5	5409121.3
L4880.0	504878.5	5409119.7	7891.70020	277.49	44.7	48.835034	-86.933521	56171.04	56243.3	6.66	56177.71	56171.42578	56162.54768	56159.87500	504878.5	5409119.7
L4880.0	504878.5	5409119.7	7891.79981	278.31	44.7	48.835034	-86.933521	56171.96	56243.3	6.66	56178.62	56172.44922	56163.22161	56160.68750	504878.5	5409119.7
L4880.0	504878.5	5409118.2	7891.89990	277.96	44.44	48.835021	-86.933521	56172.40	56243.3	6.66	56179.06	56173.00391	56163.78486	56161.38281	504878.5	5409118.2
L4880.0	504878.5	5409116.8	7892.00000	278.66	44.44	48.835008	-86.933521	56172.81	56243.3	6.66	56179.47	56173.52734	56164.34697	56162.08203	504878.5	5409116.8
L4880.0	504878.5	5409116.8	7892.10010	280.43	42.64	48.835008	-86.933521	56172.92	56243.3	6.66	56179.58	56173.74609	56164.83329	56162.69922	504878.5	5409116.8
L4880.0	504878.5	5409115.2	7892.20020	279.84	42.99	48.834993	-86.933521	56173.58	56243.3	6.66	56180.25	56174.52344	56165.47037	56163.47266	504878.5	5409115.2
L4880.0	504878.5	5409113.5	7892.29981	278.10	42.99	48.834978	-86.933521	56173.96	56243.3	6.67	56180.63	56175.00781	56166.02897	56164.16406	504878.5	5409113.5
L4880.0	504878.5	5409113.5	7892.39990	277.96	45	48.834978	-86.933521	56175.18	56243.3	6.67	56181.85	56176.33203	56167.15730	56165.42188	504878.5	5409113.5
L4880.0	504878.5	5409111.8	7892.50000	278.86	45	48.834963	-86.933520	56175.21	56243.3	6.67	56181.88	56176.46094	56167.83698	56166.23438	504878.5	5409111.8
L4880.0	504878.5	5409110.2	7892.60010	277.25	43.5	48.834948	-86.933520	56175.44	56243.3	6.67	56182.11	56176.78906	56168.48172	56167.01172	504878.5	5409110.2
L4880.0	504878.5	5409109.0	7892.70020	278.06	45.86	48.834938	-86.933520	56176.14	56243.3	6.67	56182.82	56177.59766	56169.05043	56167.71094	504878.5	5409109.0
L4880.0	504878.5	5409107.5	7892.79981	276.97	45.86	48.834925	-86.933520	56177.31	56243.3	6.68	56183.99	56178.86328	56169.54337	56168.33594	504878.5	5409107.5
L4880.0	504878.5	5409107.5	7892.89990	277.40	43.81	48.834925	-86.933520	56178.31	56243.3	6.68	56184.99	56179.95703	56170.04291	56168.96484	504878.5	5409107.5
L4880.0	504878.6	5409105.9	7893.00000	277.27	43.81	48.834910	-86.933520	56178.88	56243.3	6.68	56185.56	56180.61719	56170.24720	56169.29688	504878.6	5409105.9
L4880.0	504878.6	5409104.4	7893.10010	277.91	43.4	48.834896	-86.933520	56178.59	56243.3	6.68	56185.27	56180.41406	56170.50864	56169.68750	504878.6	5409104.4
L4880.0	504878.6	5409102.8	7893.20020	277.14	45.62	48.834882	-86.933520	56180.29	56243.3	6.68	56186.97	56182.20313	56171.28710	56170.59375	504878.6	5409102.8
L4880.0	504878.6	5409102.8	7893.29981	277.59	45.62	48.834882	-86.933520	56180.37	56243.3	6.67	56187.04	56182.35547	56171.61932	56171.05078	504878.6	5409102.8
L4880.0	504878.6	5409101.3	7893.39990	275.78	45.62	48.834869	-86.933520	56180.63	56243.3	6.67	56187.30	56182.69922	56171.99378	56171.55078	504878.6	5409101.3
L4880.0	504878.6	5409099.9	7893.50000	278.15	43.71	48.834856	-86.933520	56181.75	56243.3	6.67	56188.42	56183.90234	56172.57243	56172.25781	504878.6	5409099.9
L4880.0	504878.6	5409098.1	7893.60010	277.32	44.92	48.834840	-86.933520	56182.71	56243.3	6.67	56189.38	56184.94141	56173.09709	56172.90625	504878.6	5409098.1
L4880.0	504878.6	5409098.1	7893.70020	277.07	42.13	48.834840	-86.933520	56183.19	56243.3	6.67	56189.86	56185.50000	56173.50097	56173.43359	504878.6	5409098.1
L4880.0	504878.6	5409096.7	7893.79981	276.58	42.05	48.834827	-86.933520	56183.48	56243.3	6.66	56190.14	56185.85547	56173.85958	56173.91406	504878.6	5409096.7
L4880.0	504878.6	5409095.4	7893.89990	276.34	42.05	48.834815	-86.933520	56184.55	56243.3	6.66	56191.21	56186.99609	56174.38621	56174.56250	504878.6	5409095.4
L4880.0	504878.5	5409093.9	7894.00000	276.13	44.18	48.834802	-86.933521	56185.20	56243.3	6.66	56191.86	56187.71875	56174.82199	56175.12109	504878.5	5409093.9
L4880.0	504878.5	5409092.9	7894.10010	276.84	39.36	48.834793	-86.933521	56185.96	56243.3	6.66	56192.62	56188.55078	56175.28307	56175.70313	504878.5	5409092.9
L4880.0	504878.5	5409091.1	7894.20020	276.06	39.37	48.834777	-86.933521	56186.98	56243.3	6.66	56193.64	56189.64063	56175.79659	56176.33594	504878.5	5409091.1
L4880.0	504878.5	5409090.4	7894.29981	274.69	39.37	48.834770	-86.933521	56187.58	56243.3	6.66	56194.24	56190.30469	56176.24255	56176.89844	504878.5	5409090.4
L4880.0	504878.5	5409089.1	7894.39990	273.55	40.7	48.834759	-86.933521	56188.48	56243.3	6.66	56195.14	56191.26953	56176.75582	56177.53125	504878.5	5409089.1
L4880.0	504878.5	5409087.8	7894.50000	272.81	43.73	48.834747	-86.933521	56189.32	56243.3	6.66	56195.98	56192.17578	56177.28080	56178.17188	504878.5	5409087.8
L4880.0	504878.5	5409087.8	7894.60010	274.34	43.73	48.834747	-86.933521	56190.76	56243.3	6.66	56197.42	56193.67578	56177.92447	56178.92969	504878.5	5409087.8
L4880.0	504878.5	5409086.3	7894.70020	263.50	45.54	48.834734	-86.933521	56191.83	56243.3	6.66	56198.49	56194.80859	56178.54739	56179.66797	504878.5	5409086.3
L4880.0	504878.5	5409084.4	7894.79981	264.09	44.5	48.834717	-86.933521	56192.61	56243.3	6.66	56199.27	56195.64844	56179.17292	56180.40625	504878.5	5409084.4
L4880.0	504878.5	5409084.4	7894.89990	273.60	44.5	48.834717	-86.933521	56192.97	56243.3	6.66	56199.63	56196.06641	56179.79013	56181.13672	504878.5	5409084.4
L4880.0	504878.5	5409082.8	7895.00000	272.32	41.15	48.834702	-86.933521	56193.70	56243.3	6.66	56200.36	56196.85156	56180.51246	56181.97266	504878.5	5409082.8
L4880.0	504878.5	5409081.3	7895.10010	272.68	41.15	48.834689	-86.933521	56195.52	56243.3	6.66	56202.18	56198.72656	56181.44582	56183.01563	504878.5	5409081.3
L4880.0	504878.5	5409081.3	7895.20020	262.15	42.34	48.834689	-86.933521	56196.02	56243.3	6.66	56202.68	56199.28125	56182.24899	56183.92969	504878.5	5409081.3
L4880.0	504878.6	5409079.7	7895.29981	264.16	44.81	48.834674	-86.933521	56197.34	56243.3	6.66	56204.00	56200.65234	56183.23295	56185.01953	504878.6	5409079.7
L4880.0	504878.6	5409077.7	7895.39990	275.05	44.81	48.834656	-86.933521	56198.63	56243.3	6.66	56205.29	56201.99219	56184.27446	56186.16797	504878.6	5409077.7
L4880.0	504878.6	5409076.5	7895.50000	274.09	46	48.834646	-86.933521	56198.86	56243.3	6.67	56205.53	56202.28516	56185.18985	56187.19141	504878.6	5409076.5
L4880.0	504878.6	5409076.5	7895.60010	274.09	45.9	48.834646	-86.933521	56200.73	56243.3	6.67	56207.40	56204.20313	56186.44506	56188.55078	504878.6	5409076.5
L4880.0	504878.6	5409074.9	7895.70020	277.46	45.9	48.834632	-86.933521	56200.80	56243.3	6.67	56207.46	56204.30859	56187.39179	56189.60156	504878.6	5409074.9
L4880.0	504878.5	5409073.3	7895.79981	276.04	45.72	48.834616	-86.933521	56202.26	56243.3	6.67	56208.93	56205.82813	56188.64506	56190.95703	504878.5	5409073.3
L4880.0	504878.6	5409071.7	7895.89990	275.31	45.72	48.834602	-86.933521	56204.32	56243.3	6.67	56210.99	56207.93359	56190.06276	56192.47656	504878.6	5409071.7
L4880.0	504878.5	5409070.1	7896.00000	268.14	45.01	48.834587	-86.933521	56205.28	56243.3	6.67	56211.95	56208.93750	56191.23884	56193.75391	504878.5	5409070.1
L4880.0	504878.5	5409070.1	7896.10010	269.07	45.01	48.834587	-86.933521	56206.20	56243.3	6.67	56212.86	56209.89063	56192.38682	56195.00391	504878.5	5409070.1
L4880.0	504878.5	5409068.4	7896.20020	280.48	46.04	48.834572	-86.933521	56207.06	56243.3	6.67	56213.73	56210.80469	56193.49416	56196.20703	504878.5	5409068.4

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4880.0	504878.5	5409066.9	7896.29981	281.70	45.74	48.834559	-86.933521	56208.90	56243.3	6.67	56215.57	56212.68750	56195.28910	56198.10156	504878.5	5409066.9
L4880.0	504878.5	5409066.9	7896.39990	280.66	45.74	48.834559	-86.933521	56210.52	56243.3	6.67	56217.19	56214.34766	56196.34991	56199.25781	504878.5	5409066.9
L4880.0	504878.5	5409063.6	7896.50000	281.56	45.55	48.834529	-86.933521	56211.78	56243.3	6.67	56218.45	56215.64844	56197.39677	56200.39844	504878.5	5409063.6
L4880.0	504878.5	5409063.6	7896.60010	281.80	45.55	48.834529	-86.933521	56213.07	56243.3	6.67	56219.74	56216.97656	56198.36510	56201.46094	504878.5	5409063.6
L4880.0	504878.5	5409062.0	7896.70020	281.95	43.56	48.834515	-86.933521	56214.36	56243.3	6.67	56221.03	56218.30859	56199.24735	56202.43750	504878.5	5409062.0
L4880.0	504878.5	5409060.5	7896.79981	281.56	43.56	48.834501	-86.933522	56215.94	56243.3	6.67	56222.61	56219.92578	56200.00232	56203.28516	504878.5	5409060.5
L4880.0	504878.5	5409060.5	7896.89990	281.28	43.17	48.834501	-86.933522	56217.30	56243.3	6.67	56223.97	56221.32422	56200.67147	56204.04297	504878.5	5409060.5
L4880.0	504878.5	5409058.8	7897.00000	280.41	44.63	48.834486	-86.933522	56218.81	56243.3	6.67	56225.48	56222.87109	56201.20589	56204.66797	504878.5	5409058.8
L4880.0	504878.4	5409057.3	7897.10010	280.50	44.63	48.834473	-86.933522	56219.95	56243.3	6.67	56226.62	56224.04688	56201.62667	56205.17578	504878.4	5409057.3
L4880.0	504878.4	5409055.4	7897.20020	281.26	44.63	48.834456	-86.933523	56220.74	56243.3	6.67	56227.41	56224.87500	56201.82639	56205.46094	504878.4	5409055.4
L4880.0	504878.4	5409055.4	7897.29981	279.96	42.58	48.834456	-86.933523	56222.68	56243.3	6.67	56229.36	56226.85938	56202.19307	56205.91406	504878.4	5409055.4
L4880.0	504878.4	5409053.8	7897.39990	279.22	42.11	48.834441	-86.933523	56224.06	56243.3	6.67	56230.73	56228.26563	56202.30403	56206.10938	504878.4	5409053.8
L4880.0	504878.4	5409052.7	7897.50000	280.70	42.11	48.834432	-86.933523	56225.62	56243.3	6.68	56232.30	56229.87109	56202.35238	56206.24219	504878.4	5409052.7
L4880.0	504878.4	5409050.8	7897.60010	264.99	40.16	48.834414	-86.933523	56227.36	56243.3	6.68	56234.03	56231.63672	56202.33041	56206.30078	504878.4	5409050.8
L4880.0	504878.4	5409050.8	7897.70020	264.89	40.16	48.834414	-86.933523	56228.73	56243.3	6.68	56235.41	56233.05078	56202.17225	56206.22266	504878.4	5409050.8
L4880.0	504878.4	5409049.0	7897.79981	265.69	40.16	48.834398	-86.933523	56230.86	56243.3	6.68	56237.53	56235.20313	56202.03751	56206.16797	504878.4	5409049.0
L4880.0	504878.4	5409047.9	7897.89990	264.05	34.7	48.834389	-86.933524	56232.58	56243.3	6.68	56239.26	56236.96875	56201.79223	56206.00000	504878.4	5409047.9
L4880.0	504878.3	5409046.5	7898.00000	265.93	34.7	48.834375	-86.933524	56234.63	56243.3	6.68	56241.31	56239.05469	56201.52665	56205.81250	504878.3	5409046.5
L4880.0	504878.3	5409046.5	7898.10010	266.07	38.25	48.834375	-86.933524	56235.59	56243.3	6.68	56242.27	56240.04688	56201.18897	56205.55078	504878.3	5409046.5
L4880.0	504878.3	5409045.0	7898.20020	266.28	35.25	48.834362	-86.933524	56236.85	56243.3	6.68	56243.52	56241.33203	56200.88552	56205.32422	504878.3	5409045.0
L4880.0	504878.3	5409043.7	7898.29981	265.26	35.25	48.834351	-86.933524	56238.44	56243.3	6.67	56245.11	56242.95703	56200.60860	56205.11719	504878.3	5409043.7
L4880.0	504878.3	5409042.6	7898.39990	267.34	37.03	48.834341	-86.933524	56241.06	56243.3	6.67	56247.73	56245.60938	56200.32260	56204.90625	504878.3	5409042.6
L4880.0	504878.3	5409041.2	7898.50000	267.04	37.03	48.834328	-86.933524	56242.77	56243.3	6.67	56249.44	56247.35156	56200.08175	56204.73438	504878.3	5409041.2
L4880.0	504878.3	5409039.8	7898.60010	265.52	36.16	48.834315	-86.933524	56244.22	56243.3	6.67	56250.89	56248.83594	56199.90241	56204.62500	504878.3	5409039.8
L4880.0	504878.3	5409039.8	7898.70020	265.60	36.16	48.834315	-86.933524	56246.09	56243.3	6.67	56252.76	56250.74219	56199.74123	56204.53516	504878.3	5409039.8
L4880.0	504878.3	5409038.1	7898.79981	264.31	36.91	48.834300	-86.933524	56248.09	56243.3	6.66	56254.76	56252.77344	56202.61416	56207.47266	504878.3	5409038.1
L4880.0	504878.3	5409036.6	7898.89990	265.27	32.91	48.834287	-86.933524	56248.74	56243.3	6.66	56255.40	56253.44922	56202.58644	56207.51172	504878.3	5409036.6
L4880.0	504878.3	5409035.2	7899.00000	266.60	32.91	48.834274	-86.933524	56250.40	56243.3	6.66	56257.06	56255.14453	56202.80833	56207.80078	504878.3	5409035.2
L4880.0	504878.3	5409033.7	7899.10010	265.14	41.36	48.834261	-86.933524	56252.44	56243.3	6.66	56259.10	56257.21875	56203.14379	56208.19922	504878.3	5409033.7
L4880.0	504878.3	5409032.4	7899.20020	263.58	41.36	48.834249	-86.933524	56254.28	56243.3	6.66	56260.94	56259.08984	56203.48542	56208.60547	504878.3	5409032.4
L4880.0	504878.3	5409032.4	7899.29981	266.03	40.26	48.834249	-86.933524	56254.82	56243.3	6.67	56261.48	56259.66797	56203.64693	56208.82813	504878.3	5409032.4
L4880.0	504878.3	5409030.9	7899.39990	264.64	39.21	48.834236	-86.933524	56256.45	56243.3	6.67	56263.12	56261.33984	56204.03522	56209.27734	504878.3	5409030.9
L4880.0	504878.3	5409029.8	7899.50000	265.83	39.21	48.834225	-86.933524	56257.85	56243.3	6.67	56264.52	56262.77734	56204.41843	56209.71875	504878.3	5409029.8
L4880.0	504878.3	5409029.8	7899.60010	264.82	38.96	48.834225	-86.933524	56258.93	56243.3	6.67	56265.60	56263.89063	56204.77535	56210.13281	504878.3	5409029.8
L4880.0	504878.3	5409026.7	7899.70020	265.48	38.96	48.834198	-86.933524	56260.73	56243.3	6.67	56267.41	56265.73828	56205.26905	56210.68359	504878.3	5409026.7
L4880.0	504878.3	5409026.7	7899.79981	266.42	39.05	48.834198	-86.933524	56262.27	56243.3	6.68	56268.94	56267.30469	56205.72981	56211.19922	504878.3	5409026.7
L4880.0	504878.3	5409025.5	7899.89990	266.94	38.62	48.834187	-86.933524	56263.48	56243.3	6.68	56270.16	56268.55859	56206.14730	56211.67188	504878.3	5409025.5
L4880.0	504878.3	5409024.1	7900.00000	266.31	38.62	48.834174	-86.933524	56264.64	56243.3	6.68	56271.32	56269.75391	56206.55762	56212.13672	504878.3	5409024.1
L4880.0	504878.4	5409022.5	7900.10010	268.38	38.84	48.834160	-86.933524	56266.32	56243.3	6.68	56273.00	56271.47266	56207.04666	56212.67969	504878.4	5409022.5
L4880.0	504878.4	5409021.5	7900.20020	266.69	38.84	48.834150	-86.933524	56266.02	56243.3	6.68	56272.70	56271.20703	56207.21179	56212.89453	504878.4	5409021.5
L4880.0	504878.4	5409021.5	7900.29981	265.57	38.61	48.834150	-86.933524	56266.91	56243.3	6.67	56273.58	56272.12500	56207.55498	56213.28906	504878.4	5409021.5
L4880.0	504878.4	5409019.8	7900.39990	264.51	37.15	48.834135	-86.933524	56268.06	56243.3	6.67	56274.73	56273.31250	56207.93051	56213.71484	504878.4	5409019.8
L4880.0	504878.4	5409018.4	7900.50000	265.10	37.15	48.834122	-86.933524	56268.39	56243.3	6.67	56275.07	56273.69141	56208.16471	56213.99609	504878.4	5409018.4
L4880.0	504878.4	5409017.4	7900.60010	264.83	38.71	48.834114	-86.933524	56268.75	56243.3	6.67	56275.41	56274.07031	56208.38577	56214.26563	504878.4	5409017.4
L4880.0	504878.4	5409015.9	7900.70020	264.34	38.71	48.834100	-86.933524	56269.59	56243.3	6.67	56276.25	56274.94922	56208.67318	56214.59766	504878.4	5409015.9
L4880.0	504878.4	5409014.3	7900.79981	266.54	29.58	48.834086	-86.933524	56270.06	56243.3	6.66	56276.72	56275.45703	56208.88650	56214.85547	504878.4	5409014.3
L4880.0	504878.4	5409014.3	7900.89990	266.84	36.73	48.834086	-86.933524	56270.44	56243.3	6.66	56277.10	56275.87500	56209.07149	56215.08594	504878.4	5409014.3
L4880.0	504878.4	5409012.5	7901.00000	266.23	39.3	48.834070	-86.933524	56270.35	56243.3	6.66	56277.01	56275.82422	56209.16916	56215.22656	504878.4	5409012.5
L4880.0	504878.4	5409011.2	7901.10010	265.79	39.3	48.834058	-86.933524	56270.18	56243.3	6.66	56276.84	56275.69531	56209.24325	56215.33984	504878.4	5409011.2
L4880.0	504878.3	5409009.8	7901.20020	264.87	38.98	48.834046	-86.933524	56270.30	56243.3	6.66	56276.96	56275.85547	56209.35376	56215.49219	504878.3	5409009.8
L4880.0	504878.3	5409009.8	7901.29981	265.34	39.13	48.834046	-86.933524	56269.71	56243.3	6.66	56276.38	56275.31250	56209.33696	56215.51563	504878.3	5409009.8
L4880.0	504878.3	5409007.7	7901.39990	267.46	39.13	48.834027	-86.933524	56269.46	56243.3	6.66	56276.13	56275.10547	56209.35877	56215.57813	504878.3	5409007.7
L4880.0	504878.3	5409006.5	7901.50000	266.91	34.22	48.834016	-86.933525	56269.56	56243.3	6.66	56276.22	56275.23438	56209.41957	56215.67578	504878.3	5409006.5
L4880.0	504878.3	5409005.1	7901.60010	267.03	34.22	48.834003	-86.933525	56269.95	56243.3	6.66	56276.61	56275.66797	56209.51175	56215.80469	504878.3	5409005.1
L4880.0	504878.3	5409005.1	7901.70020	265.89	32.7	48.834003	-86.933525	56268.95	56243.3	6.66	56275.61	56274.70703	56209.35073	56215.67969	504878.3	5409005.1
L4880.0	504878.3	5409003.8	7901.79981	265.37	31.25	48.833991	-86.933525	56267.57	56243.3	6.66	56274.23	56273.36719	56209.10167	56215.46875	504878.3	5409003.8
L4880.0	504878.2	5409002.1	7901.89990	266.25	31.25	48.833976	-86.933526	56267.25	56243.3	6.66	56273.91	56273.08984	56209.00641	56215.40625	504878.2	5409002.1
L4880.0	504878.2	5409000.4	7902.00000	267.10	35.59	48.833961	-86.933526	56266.83	56243.3	6.66	56273.49	56272.71094	56208.87127	56215.30469	504878.2	5409000.4
L4880.0	504878.2	5409000.4	7902.10010	266.31	35.59	48.833961	-86.933526	56266.78	56243.3	6.66	56273.44	56272.70313	56208.77568	56215.24219	504878.2	5409000.4
L4880.0	504878.2	5408998.9	7902.20020	265.90	35.68	48.833947	-86.933526	56266.03	56243.3	6.66	56272.69	56271.99609	56208.54213	56215.03906	504878.2	5408998.9
L4880.0	504878.2	5408997.2	7902.29981	266.73	38.11	48.833932	-86.933526	56264.58	56243.3	6.66	56271.25	56270.59766	56208.17564	56214.70703	504878.2	5408997.2
L4880.0	504878.2	5408995.8	7902.39990	266.41	38.11	48.833919	-86.933526	56263.39	56243.3	6.66	56270.05	56269.44141	56207.83792	56214.39844	504878.2	5408995.8
L4880.0	504878.2	5408995.8	7902.50000	267.17	36.55	48.833919	-86.933526	56263.36	56243.3	6.67	56270.03	56269.46094	56207.69153	56214.28125	504878.2	5408995.8
L4880.0	504878.2	5408994.4	7902.60010	270.62	36.55	48.833906	-86.933527	56262.27	56243.3	6.67	56268.93	56268.40625	56207.35836	56213.97656	504878.2	5408994.4
L4880.0	504878.2	5408992.8	7902.70020	268.37	34.37	48.833892	-86.933527	56261.40	56243.3	6.67	56268.07	56267.58594	56207.06866	56213.71484	504878.2	5408992.8
L4880.0	504878.2	5408992.8	7902.79981	267.16	36.7	48.833892	-86.933527	56260.22	56243.3	6.67	56266.89	56266.44922	56206.73369	56213.40625	504878.2	5408992.8
L4880.0	504878.2	5408989.8	7902.89990	267.34	36.7	48.833866	-86.933527	56259.50	56243.3	6.67	56266.17	56265.77344	56206.48726	56213.18750	504878.2	5408989.8
L4880.0	504878.2	5408989.8	7903.00000	267.25	37.28	48.833866	-86.933527	56257.76	56243.3	6.67	56264.43	56264.07422	56206.07617	56212.80078	504878.2	5408989.8
L4880.0	504878.1	5408988.4	7903.10010	265.31	37.28	48.833852	-86.933527	56257.11	56243.3	6.67	56263.78	56263.46875	56205.86976	56212.62109	504878.1	5408988.4
L4880.0	504878.1	5408986.9	7903.20020	265.30	37.6	48.833839	-86.933527	56256.46	56243.3	6.66	56263.13	56262.86328	56205.68102	56212.45703	504878.1	5408986.9
L4880.0	504878.2	5408985.5	7903.29981	265.60	38.78	48.833827	-86.933527	56255.05	56243.3	6.66	56261.71	56261.48438	56205.35614	56212.15625	504878.2	5408985.5
L4880.0	504878.2	5408985.5	7903.39990	267.56	35.8	48.833827	-86.933527	56254.36	56243.3	6.66	56261.01	56260.82813	56205.15396	56211.97656	504878.2	5408985.5
L4880.0	504878.2	5408983.7	7903.50000	266.38	35.8	48.833811	-86.933527	56253.33	56243.3	6.65	56259.98	56259.83984	56204.87264	56211.71875	504878.2	5408983.7
L4880.0	504878.2	5408982.4	7903.60010	266.07	39.77	48.833799	-86.933527	56251.95	56243.3	6.65	56258.61	56258.51172	56204.49847	56211.36719	504878.2	5408982.4
L4880.0	504878.2	5408981.3	7903.70020	265.17	39.77	48.833789	-86.933527	56251.29	56243.4	6.65	56257.94	56257.88281	56204.22258	56211.11328	504878.2	5408981.3
L4880.0	504878.2	5408979.9	7903.79981	267.61	40.51	48.833777	-86.933527	56250.68	56243.4	6.65	56257.33	56257.31641	56203.91686	56210.82813	504878.2	5408979.9
L4880.0	504878.2	5408978.4	7903.89990	266.05	39.43	48.833763	-86.933527	56248.79	56243.4	6.64	56255.43	56255.45703	56203.30662	56210.23828	504878.2	5408978.4
L4880.0	504878.2	5408978.4	7904.00000	267.80	39.43	48.833763	-86.933527	56247.95	56243.4	6.64	56254.59	56254.66016	56202.84943	56209.80078	504878.2	5408978.4
L4880.0	504878.2	5408975.5	7904.10010	268.10	40.11	48.833737	-86.933527	56246.95	56243.4	6.64	56253.59	56253.69922	56202.30410	56209.27734	504878.2	5408975.5
L4880.0	504878.2	5408975.5	7904.20020	268.80	40.62	48.833737	-86.933527	56245.81	56243.4	6.64	56252.45	56252.60156	56201.67707	56208.66797	504878.2	5408975.5
L4880.0	504878.2	5408973.8	7904.29981	270.80	40.75	48.833721	-86.933526	56244.64	56243.4	6.64	56251.28	56251.47266	56200.99306	56208.00391	504878.2	5408973.8
L4880.0	504878.2	5408973.8	7904.39990	271.13	40.75	48.833721	-86.933526	56244.14	56243.4	6.64	56250.79	56251.02344	56200.39449	56207.42578	504878.2	5408973.8
L4880.0	504878.2	5408972.2	7904.50000	269.76	32.68	48.833707	-86.933526	56242.48	56243.4	6.65	56249.13	56249.40625	56199.52238	56206.57031	504878.2	5408972.2
L4880.0	504878.2	5408970.6	7904.60010	269.81	32.68	48.833693	-86.933526	56241.60	56243.4	6.65	56248.24	56248.55469	56198.76163	56205.82813	504878.2	5408970.6
L4880.0	504878.3	5408969.2	7904.70020	268.89	40.36	48.833680	-86.933526	56241.26	56243.4	6.65	56247.90	56248.25391	56198.06984	56205.15234	504878.3	5408969.2
L4880.0	504878.3	5408969.2	7904.79981	269.96	29.29	48.833680	-86.933526	56240.06	56243.4	6.65	56246.71	56247.10547	56197.18675	56204.28516	504878.3	5408969.2
L4880.0	504878.3	5408967.3	7904.89990	267.00	29.29	48.833663	-86.933526	56238.35	56243.4	6.65	56245.00	56245.43359	56196.18545	56203.30078	504878.3	5408967.3
L4880.0	504878.3	5408965.8	7905.00000	265.87	28.84	48.833649	-86.933526	56237.56	56243.3	6.65	56244.21	56244.68359	56195.33014	56202.46484	504878.3	5408965.8
L4880.0	504878.3	5408964.0	7905.10010	264.99	28.84	48.833634	-86.933526	56236.88	56243.4	6.65	56243.52	56244.03125	56194.47258	56201.62109	504878.3	5408964.0
L4880.0	504878.3	5408964.0	7905.20020	265.09	29.64	48.833634	-86.933526	56235.42	56243.4	6.64	56242.07	56242.61719	56193.47333	56200.64063	504878.3	5408964.0
L4880.0	504878.3	5408962.5	7905.29981	264.89	29.64	48.833620	-86.933525	56235.26	56243.4	6.64	56241.90	56242.48438	56192.67986	56199.86328	504878.3	5408962.5
L4880.0	504878.3	5408961.1	7905.39990	263.82	30.47	48.833608	-86.933525	56233.71	56243.4	6.64	56240.35	56240.97266	56191.66024	56198.85938	504878.3	5408961.1
L4880.0	504878.3	5408959.4	7905.50000	263.72	43.12	48.833592	-86.933525	56232.76	56243.4	6.64	56239.39	56240.05078	56190.73925	56197.95313	504878.3	5408959.4

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4880.0	504878.3	5408957.6	7905.60010	264.08	43.12	48.833576	-86.933525	56231.87	56243.4	6.63	56238.50	56239.19531	56189.84030	56197.07031	504878.3	5408957.6
L4880.0	504878.3	5408957.6	7905.70020	263.82	45.33	48.833576	-86.933525	56231.14	56243.4	6.63	56237.77	56238.50000	56188.98411	56196.22656	504878.3	5408957.6
L4880.0	504878.4	5408956.2	7905.79981	266.25	44.05	48.833563	-86.933525	56230.32	56243.4	6.63	56236.95	56237.71484	56188.14131	56195.40234	504878.4	5408956.2
L4880.0	504878.4	5408954.4	7905.89990	267.48	44.05	48.833547	-86.933524	56228.84	56243.4	6.62	56235.46	56236.26172	56187.23288	56194.50781	504878.4	5408954.4
L4880.0	504878.4	5408952.8	7906.00000	266.78	43.52	48.833533	-86.933524	56228.12	56243.4	6.62	56234.74	56235.57422	56186.46836	56193.75781	504878.4	5408952.8
L4880.0	504878.4	5408952.8	7906.10010	267.50	43.52	48.833533	-86.933524	56227.70	56243.4	6.62	56234.32	56235.18750	56185.78338	56193.08984	504878.4	5408952.8
L4880.0	504878.4	5408950.9	7906.20020	263.89	44.26	48.833516	-86.933524	56226.75	56243.4	6.62	56233.36	56234.26172	56185.06577	56192.38672	504878.4	5408950.9
L4880.0	504878.4	5408950.9	7906.29981	265.48	44.26	48.833516	-86.933524	56225.75	56243.4	6.62	56232.36	56233.29297	56184.37475	56191.71094	504878.4	5408950.9
L4880.0	504878.4	5408949.5	7906.39990	264.61	41.31	48.833503	-86.933524	56224.79	56243.4	6.62	56231.41	56232.37500	56183.71301	56191.06250	504878.4	5408949.5
L4880.0	504878.5	5408948.1	7906.50000	264.84	41.31	48.833490	-86.933523	56223.36	56243.4	6.62	56229.97	56230.96484	56182.99566	56190.35938	504878.5	5408948.1
L4880.0	504878.5	5408946.4	7906.60010	265.17	43.03	48.833475	-86.933523	56223.08	56243.4	6.61	56229.69	56230.71484	56182.45563	56189.83594	504878.5	5408946.4
L4880.0	504878.5	5408946.4	7906.70020	265.77	44.41	48.833475	-86.933523	56221.49	56243.4	6.61	56228.10	56229.15625	56181.72680	56189.12109	504878.5	5408946.4
L4880.0	504878.5	5408943.5	7906.79981	266.29	44.41	48.833449	-86.933523	56220.77	56243.4	6.61	56227.38	56228.46484	56181.12485	56188.53516	504878.5	5408943.5
L4880.0	504878.5	5408943.5	7906.89990	265.83	44.26	48.833449	-86.933523	56219.75	56243.4	6.61	56226.36	56227.47266	56180.47061	56187.89453	504878.5	5408943.5
L4880.0	504878.5	5408942.1	7907.00000	264.71	44.26	48.833436	-86.933523	56218.71	56243.4	6.61	56225.32	56226.46094	56179.80061	56187.23828	504878.5	5408942.1
L4880.0	504878.5	5408942.1	7907.10010	265.70	43.87	48.833436	-86.933523	56217.91	56243.4	6.61	56224.52	56225.68750	56179.15469	56186.60938	504878.5	5408942.1
L4880.0	504878.5	5408939.0	7907.20020	267.02	46.83	48.833408	-86.933522	56217.22	56243.4	6.61	56223.83	56225.02734	56178.51130	56185.98047	504878.5	5408939.0
L4880.0	504878.5	5408939.0	7907.29981	267.46	46.83	48.833408	-86.933522	56216.27	56243.4	6.61	56222.88	56224.10156	56177.80837	56185.29297	504878.5	5408939.0
L4880.0	504878.5	5408939.0	7907.39990	266.13	46.41	48.833408	-86.933522	56215.57	56243.4	6.61	56222.18	56223.42578	56177.12776	56184.62891	504878.5	5408939.0
L4880.0	504878.5	5408937.1	7907.50000	264.09	44.26	48.833391	-86.933522	56214.06	56243.4	6.61	56220.67	56221.94141	56176.28828	56183.80469	504878.5	5408937.1
L4880.0	504878.5	5408935.8	7907.60010	266.29	44.26	48.833379	-86.933522	56213.18	56243.4	6.61	56219.79	56221.08594	56175.53256	56183.06641	504878.5	5408935.8
L4880.0	504878.5	5408934.4	7907.70020	266.00	47.22	48.833367	-86.933522	56212.00	56243.4	6.61	56218.61	56219.92969	56174.70258	56182.25000	504878.5	5408934.4
L4880.0	504878.5	5408933.0	7907.79981	266.71	44.46	48.833354	-86.933522	56211.04	56243.4	6.61	56217.65	56218.99219	56173.88741	56181.45313	504878.5	5408933.0
L4880.0	504878.5	5408931.3	7907.89990	265.61	44.46	48.833340	-86.933522	56210.01	56243.4	6.61	56216.62	56217.98438	56173.03533	56180.61719	504878.5	5408931.3
L4880.0	504878.5	5408931.3	7908.00000	265.46	43.45	48.833340	-86.933522	56208.90	56243.4	6.61	56215.51	56216.89453	56172.14315	56179.74219	504878.5	5408931.3
L4880.0	504878.5	5408930.1	7908.10010	266.30	44.81	48.833329	-86.933522	56207.43	56243.4	6.61	56214.03	56215.43359	56171.15870	56178.77344	504878.5	5408930.1
L4880.0	504878.5	5408930.1	7908.20020	267.88	44.81	48.833329	-86.933522	56206.55	56243.4	6.61	56213.16	56214.58594	56170.25786	56177.88672	504878.5	5408930.1
L4880.0	504878.5	5408928.2	7908.29981	268.09	45.54	48.833311	-86.933523	56205.11	56243.4	6.60	56211.71	56213.15234	56169.22821	56176.87500	504878.5	5408928.2
L4880.0	504878.5	5408924.9	7908.39990	268.76	45.54	48.833282	-86.933523	56204.51	56243.4	6.60	56211.11	56212.57031	56168.32642	56175.99219	504878.5	5408924.9
L4880.0	504878.5	5408924.9	7908.50000	267.93	45.29	48.833282	-86.933523	56202.98	56243.4	6.60	56209.58	56211.05859	56167.23429	56174.91797	504878.5	5408924.9
L4880.0	504878.5	5408923.4	7908.60010	267.09	45.29	48.833268	-86.933523	56201.89	56243.4	6.60	56208.49	56209.98438	56166.19848	56173.89844	504878.5	5408923.4
L4880.0	504878.5	5408921.8	7908.70020	267.65	42.97	48.833254	-86.933523	56200.40	56243.4	6.60	56207.00	56208.51172	56165.07030	56172.78906	504878.5	5408921.8
L4880.0	504878.5	5408921.8	7908.79981	267.88	42.97	48.833254	-86.933523	56198.82	56243.4	6.59	56205.41	56206.93750	56163.90501	56171.64063	504878.5	5408921.8
L4880.0	504878.5	5408920.2	7908.89990	265.55	45.44	48.833239	-86.933523	56197.71	56243.4	6.59	56204.30	56205.84375	56162.80608	56170.55859	504878.5	5408920.2
L4880.0	504878.5	5408918.9	7909.00000	264.96	45.44	48.833228	-86.933524	56196.44	56243.4	6.59	56203.03	56204.58594	56161.66339	56169.43359	504878.5	5408918.9
L4880.0	504878.5	5408917.5	7909.10010	266.89	44.22	48.833215	-86.933524	56195.00	56243.4	6.59	56201.59	56203.16016	56160.47853	56168.26953	504878.5	5408917.5
L4880.0	504878.5	5408917.5	7909.20020	266.13	46.18	48.833215	-86.933524	56193.50	56243.4	6.59	56200.09	56201.67188	56159.27451	56167.08203	504878.5	5408917.5
L4880.0	504878.5	5408915.4	7909.29981	265.28	46.18	48.833196	-86.933524	56192.08	56243.4	6.59	56198.67	56200.26563	56158.07606	56165.90234	504878.5	5408915.4
L4880.0	504878.5	5408913.8	7909.39990	265.35	47.86	48.833182	-86.933524	56190.76	56243.4	6.59	56197.35	56198.95703	56156.88659	56164.73047	504878.5	5408913.8
L4880.0	504878.5	5408913.8	7909.50000	264.93	47.86	48.833182	-86.933524	56189.57	56243.4	6.59	56196.16	56197.77734	56155.71271	56163.57813	504878.5	5408913.8
L4880.0	504878.5	5408912.2	7909.60010	265.76	44.86	48.833167	-86.933524	56187.79	56243.4	6.59	56194.38	56196.00781	56154.43779	56162.32031	504878.5	5408912.2
L4880.0	504878.4	5408910.4	7909.70020	264.28	44.86	48.833151	-86.933524	56186.36	56243.4	6.59	56192.95	56194.58594	56153.21973	56161.12109	504878.4	5408910.4
L4880.0	504878.5	5408909.3	7909.79981	266.29	45.74	48.833141	-86.933524	56184.86	56243.4	6.59	56191.45	56193.09375	56151.99082	56159.91016	504878.5	5408909.3
L4880.0	504878.4	5408908.1	7909.89990	265.79	45.15	48.833131	-86.933524	56183.05	56243.4	6.59	56189.64	56191.29297	56150.71380	56158.65234	504878.4	5408908.1
L4880.0	504878.4	5408908.1	7910.00000	267.43	45.15	48.833131	-86.933524	56181.30	56243.4	6.59	56187.89	56189.54688	56149.45035	56157.41016	504878.4	5408908.1
L4880.0	504878.4	5408906.2	7910.10010	265.47	48.25	48.833113	-86.933524	56179.64	56243.4	6.59	56186.23	56187.89453	56148.20561	56156.18359	504878.4	5408906.2
L4880.0	504878.4	5408904.8	7910.10010	265.47	49.35	48.833101	-86.933524	56177.81	56243.4	6.59	56184.39	56186.06250	56146.93346	56154.92969	504878.4	5408904.8
L4880.0	504878.4	5408904.8	7910.20020	266.50	49.35	48.833101	-86.933524	56176.05	56243.4	6.58	56182.63	56184.30469	56145.67450	56153.69141	504878.4	5408904.8
L4880.0	504878.4	5408903.4	7910.29981	266.02	49.62	48.833088	-86.933524	56174.02	56243.4	6.58	56180.60	56182.28125	56144.36896	56152.40625	504878.4	5408903.4
L4880.0	504878.4	5408901.4	7910.50000	265.77	49.7	48.833071	-86.933524	56171.97	56243.4	6.57	56178.54	56180.22266	56143.05366	56151.10938	504878.4	5408901.4
L4880.0	504878.4	5408900.0	7910.60010	266.96	49.7	48.833058	-86.933524	56170.81	56243.4	6.57	56177.38	56179.06641	56141.88198	56149.95703	504878.4	5408900.0
L4880.0	504878.4	5408900.0	7910.70020	265.38	42.36	48.833058	-86.933524	56168.48	56243.4	6.57	56175.05	56176.73828	56140.50696	56148.60156	504878.4	5408900.0
L4880.0	504878.4	5408898.3	7910.79981	265.59	46.88	48.833043	-86.933524	56166.74	56243.4	6.57	56173.30	56174.99219	56139.22062	56147.33203	504878.4	5408898.3
L4880.0	504878.4	5408896.7	7910.89990	267.21	46.88	48.833028	-86.933524	56165.06	56243.4	6.56	56171.62	56173.31250	56137.93750	56146.07031	504878.4	5408896.7
L4880.0	504878.4	5408896.7	7911.00000	267.06	48.57	48.833028	-86.933524	56163.09	56243.4	6.56	56169.65	56171.34375	56136.59515	56144.74609	504878.4	5408896.7
L4880.0	504878.4	5408893.9	7911.10010	266.78	48.88	48.833003	-86.933525	56160.52	56243.4	6.56	56167.07	56168.76172	56135.13606	56143.30469	504878.4	5408893.9
L4880.0	504878.4	5408893.9	7911.20020	267.18	48.88	48.833003	-86.933525	56158.51	56243.4	6.56	56165.06	56166.75391	56133.76657	56141.95313	504878.4	5408893.9
L4880.0	504878.4	5408892.7	7911.29981	266.87	47.69	48.832992	-86.933525	56155.98	56243.4	6.55	56162.54	56164.23047	56132.29623	56140.50000	504878.4	5408892.7
L4880.0	504878.4	5408891.3	7911.39990	266.96	49.58	48.832979	-86.933525	56154.24	56243.4	6.55	56160.79	56162.47656	56130.95063	56139.17188	504878.4	5408891.3
L4880.0	504878.4	5408891.3	7911.50000	265.90	49.58	48.832979	-86.933525	56151.86	56243.4	6.55	56158.41	56160.09766	56129.47539	56137.71484	504878.4	5408891.3
L4880.0	504878.4	5408889.3	7911.60010	266.25	50.05	48.832961	-86.933525	56149.32	56243.5	6.55	56155.87	56157.55078	56127.95192	56136.21094	504878.4	5408889.3
L4880.0	504878.3	5408888.1	7911.70020	267.12	48.68	48.832951	-86.933526	56147.24	56243.5	6.55	56153.78	56155.45703	56126.49295	56134.76563	504878.3	5408888.1
L4880.0	504878.3	5408886.4	7911.79981	266.91	48.68	48.832935	-86.933526	56145.03	56243.5	6.54	56151.57	56153.24219	56124.99283	56133.28516	504878.3	5408886.4
L4880.0	504878.3	5408885.7	7911.89990	268.08	45.1	48.832929	-86.933526	56142.68	56243.5	6.54	56149.22	56150.88672	56123.44805	56131.75391	504878.3	5408885.7
L4880.0	504878.3	5408884.1	7912.00000	267.18	45.1	48.832915	-86.933526	56140.38	56243.5	6.54	56146.92	56148.58203	56121.89518	56130.21875	504878.3	5408884.1
L4880.0	504878.3	5408884.1	7912.10010	268.47	46.29	48.832915	-86.933526	56137.98	56243.5	6.54	56144.51	56146.16406	56120.30490	56128.64453	504878.3	5408884.1
L4880.0	504878.3	5408882.5	7912.20020	262.49	47.13	48.832900	-86.933527	56135.44	56243.5	6.54	56141.97	56143.61719	56118.67457	56127.02734	504878.3	5408882.5
L4880.0	504878.3	5408880.9	7912.29981	264.52	47.13	48.832886	-86.933527	56133.18	56243.5	6.53	56139.71	56141.35156	56117.08344	56125.45313	504878.3	5408880.9
L4880.0	504878.2	5408879.8	7912.39990	269.57	50.48	48.832876	-86.933527	56130.61	56243.5	6.53	56137.14	56138.77344	56115.42068	56123.80078	504878.2	5408879.8
L4880.0	504878.2	5408878.6	7912.50000	267.52	49.47	48.832865	-86.933527	56128.11	56243.5	6.53	56134.64	56136.26172	56113.75961	56122.15625	504878.2	5408878.6
L4880.0	504878.2	5408877.1	7912.60010	269.83	49.47	48.832852	-86.933527	56125.40	56243.5	6.53	56131.93	56133.54297	56112.04846	56120.45703	504878.2	5408877.1
L4880.0	504878.2	5408875.7	7912.70020	267.07	50.5	48.832839	-86.933527	56122.42	56243.5	6.53	56128.94	56130.54297	56110.27574	56118.69531	504878.2	5408875.7
L4880.0	504878.2	5408874.2	7912.79981	268.24	49.96	48.832826	-86.933527	56119.74	56243.5	6.52	56126.27	56127.85938	56108.55642	56116.98828	504878.2	5408874.2
L4880.0	504878.2	5408873.3	7912.89990	266.83	49.96	48.832817	-86.933527	56116.70	56243.5	6.52	56123.22	56124.80078	56106.75983	56115.20313	504878.2	5408873.3
L4880.0	504878.2	5408873.3	7913.00000	266.52	40.09	48.832817	-86.933527	56114.07	56243.5	6.52	56120.59	56122.15625	56105.03771	56113.48828	504878.2	5408873.3
L4880.0	504878.2	5408871.6	7913.10010	265.95	40.45	48.832802	-86.933527	56110.45	56243.5	6.52	56116.97	56118.52344	56103.12739	56111.58984	504878.2	5408871.6
L4880.0	504878.2	5408869.6	7913.20020	267.64	40.45	48.832785	-86.933527	56106.69	56243.5	6.52	56113.21	56114.75000	56101.18987	56109.66016	504878.2	5408869.6
L4880.0	504878.2	5408869.6	7913.29981	266.13	48.95	48.832785	-86.933527	56103.22	56243.5	6.52	56109.74	56111.26563	56099.30573	56107.78516	504878.2	5408869.6
L4880.0	504878.2	5408867.7	7913.39990	265.69	48.88	48.832767	-86.933527	56101.19	56243.5	6.52	56107.71	56109.21875	56097.68737	56106.17188	504878.2	5408867.7
L4880.0	504878.2	5408866.3	7913.50000	265.26	48.88	48.832754	-86.933527	56098.64	56243.5	6.51	56105.16	56106.65625	56095.97279	56104.46484	504878.2	5408866.3
L4880.0	504878.2	5408864.6	7913.60010	266.20	48.03	48.832739	-86.933527	56094.80	56243.5	6.51	56101.31	56102.78906	56094.02015	56102.51563	504878.2	5408864.6
L4880.0	504878.2	5408864.6	7913.70020	267.97	48.03	48.832739	-86.933527	56091.56	56243.5	6.51	56098.07	56099.53125	56092.18076	56100.67969	504878.2	5408864.6
L4880.0	504878.2	5408862.8	7913.79981	267.51	46.98	48.832723	-86.933527	56087.79	56243.5	6.51	56094.30	56095.74219	56090.24488	56098.75000	504878.2	5408862.8
L4880.0	504878.3	5408861.2	7913.89990	267.43	46.98	48.832709	-86.933527	56084.47	56243.5	6.51	56090.98	56092.40234	56088.39183	56096.89844	504878.3	5408861.2
L4880.0	504878.3	5408861.2	7914.00000	264.74	46.88	48.832709	-86.933527	56081.04	56243.5	6.51	56087.55	56088.95313	56086.51828	56095.02344	504878.3	5408861.2
L4880.0	504878.3	5408859.7	7914.10010	264.21	46.88	48.832695	-86.933527	56077.34	56243.5	6.51	56083.85	56085.23438	56084.59387	56093.10156	504878.3	5408859.7
L4880.0	504878.3	5408858.1	7914.20020	264.70	45.31	48.832681	-86.933527	56074.06	56243.5	6.50	56080.56	56081.92578	56082.74381	56091.25000	504878.3	5408858.1
L4880.0	504878.3	5408856.5	7914.29981	267.62	45.31	48.832666	-86.933527	56070.51	56243.5	6.50	56077.01	56078.35156	56080.84355	56089.34766	504878.3	5408856.5
L4880.0	504878.3	5408854.8	7914.39990	267.89	47.44	48.832651	-86.933527	56067.28	56243.5	6.50	56073.78	56075.10156	56079.00182	56087.50391	504878.3	5408854.8
L4880.0	504878.3	5408854.8	7914.50000	266.91	47.57	48.832651	-86.933527	56063.61	56243.5	6.50	56070.10	56071.39844	56077.07496	56085.57031	504878.3	5408854.8
L4880.0	504878.3	5408853.3	7914.60010	267.53	47.57	48.832638	-86.933527	56058.32	56243.5	6.49	56064.82	56066.09375	56074.84418	56083.33594	504878.3	5408853.3
L4880.0	504878.3	5408851.9	7914.70020	267.25	49.57	48.832625	-86.933527	56054.07	56243.5	6.49	56060.56	56061.80859	56072.81000	56081.29297	504878.3	5408851.9
L4880.0	504878.3	5408851.9	7914.79981	267.22	49.57	48.832625	-86.933527	56049.95	56243.5	6.49	56056.44	56057.66406	56070.81015	56079.28516	504878.3	5408851.9

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4880.0	504878.3	5408850.0	7914.89990	265.98	42.07	48.832608	-86.933527	56046.28	56243.5	6.48	56052.76	56053.95703	56068.90753	56077.37500	504878.3	5408850.0
L4880.0	504878.3	5408848.6	7915.00000	267.87	42.07	48.832595	-86.933527	56042.56	56243.5	6.48	56049.04	56050.21094	56067.01514	56075.47266	504878.3	5408848.6
L4880.0	504878.3	5408847.2	7915.10010	269.27	42.46	48.832583	-86.933527	56038.56	56243.5	6.48	56045.04	56046.18359	56065.09312	56073.53906	504878.3	5408847.2
L4880.0	504878.3	5408847.2	7915.20020	270.26	43.3	48.832583	-86.933527	56035.13	56243.5	6.48	56041.61	56042.72656	56063.30926	56071.74219	504878.3	5408847.2
L4880.0	504878.3	5408844.9	7915.29981	270.89	43.3	48.832562	-86.933526	56031.48	56243.5	6.48	56037.96	56039.04688	56061.51707	56069.93359	504878.3	5408844.9
L4880.0	504878.3	5408843.3	7915.39990	268.82	43.3	48.832547	-86.933526	56027.51	56243.5	6.48	56034.00	56035.05469	56059.70481	56068.10547	504878.3	5408843.3
L4880.0	504878.3	5408843.3	7915.50000	268.24	45.98	48.832547	-86.933526	56022.58	56243.5	6.49	56029.06	56030.08594	56057.75732	56066.14453	504878.3	5408843.3
L4880.0	504878.3	5408842.0	7915.60010	267.39	46.91	48.832536	-86.933526	56018.38	56243.5	6.49	56024.86	56025.85547	56055.99468	56064.36328	504878.3	5408842.0
L4880.0	504878.4	5408840.6	7915.70020	265.11	46.91	48.832523	-86.933526	56013.93	56243.5	6.49	56020.41	56021.37109	56054.23518	56062.58203	504878.4	5408840.6
L4880.0	504878.4	5408838.9	7915.79981	266.94	46.91	48.832508	-86.933526	56009.81	56243.5	6.49	56016.30	56017.22656	56052.58156	56060.90625	504878.4	5408838.9
L4880.0	504878.4	5408838.9	7915.89990	264.90	46.91	48.832508	-86.933526	56006.18	56243.5	6.49	56012.67	56013.56250	56051.05056	56059.35547	504878.4	5408838.9
L4880.0	504878.4	5408837.6	7916.00000	265.39	50.42	48.832496	-86.933526	56001.23	56243.5	6.49	56007.72	56008.57813	56049.33676	56057.61719	504878.4	5408837.6
L4880.0	504878.4	5408836.1	7916.10010	265.50	44.97	48.832483	-86.933526	55997.03	56243.5	6.49	56003.52	56004.34375	56047.78209	56056.03516	504878.4	5408836.1
L4880.0	504878.4	5408834.7	7916.20020	266.94	46.3	48.832470	-86.933526	55992.84	56243.5	6.48	55999.32	56000.10547	56046.25479	56054.48047	504878.4	5408834.7
L4880.0	504878.4	5408834.7	7916.29981	265.66	47.3	48.832470	-86.933526	55988.96	56243.5	6.48	55995.43	55996.17969	56044.79575	56052.99609	504878.4	5408834.7
L4880.0	504878.4	5408833.2	7916.39990	266.89	47.3	48.832457	-86.933526	55985.27	56243.5	6.47	55991.74	55992.44922	56043.37388	56051.54297	504878.4	5408833.2
L4880.0	504878.4	5408831.9	7916.50000	264.50	46.93	48.832445	-86.933526	55981.30	56243.5	6.47	55987.77	55988.44141	56041.91029	56050.04688	504878.4	5408831.9
L4880.0	504878.4	5408830.4	7916.60010	262.44	50.36	48.832431	-86.933526	55977.43	56243.5	6.47	55983.89	55984.51953	56040.45628	56048.56250	504878.4	5408830.4
L4880.0	504878.3	5408829.1	7916.70020	263.57	51.17	48.832420	-86.933526	55973.36	56243.5	6.46	55979.82	55980.41016	56038.96507	56047.03516	504878.3	5408829.1
L4880.0	504878.3	5408828.0	7916.79981	263.61	51.17	48.832410	-86.933526	55970.02	56243.5	6.46	55976.48	55977.02734	56037.57014	56045.60547	504878.3	5408828.0
L4880.0	504878.3	5408826.5	7916.89990	264.59	47.55	48.832397	-86.933526	55966.25	56243.5	6.45	55972.70	55973.20703	56036.09644	56044.09375	504878.3	5408826.5
L4880.0	504878.3	5408825.6	7917.00000	263.50	49.98	48.832388	-86.933527	55962.86	56243.6	6.45	55969.31	55969.77344	56034.66855	56042.62891	504878.3	5408825.6
L4880.0	504878.3	5408823.8	7917.10010	263.62	49.98	48.832372	-86.933527	55958.78	56243.6	6.45	55965.23	55965.64844	56033.12676	56041.04688	504878.3	5408823.8
L4880.0	504878.3	5408823.8	7917.20020	265.13	51.51	48.832372	-86.933527	55955.85	56243.6	6.45	55962.30	55962.67188	56031.75230	56039.62891	504878.3	5408823.8
L4880.0	504878.3	5408822.3	7917.29981	265.46	51.51	48.832358	-86.933527	55952.96	56243.6	6.44	55959.41	55959.73438	56030.38241	56038.21875	504878.3	5408822.3
L4880.0	504878.3	5408822.3	7917.39990	265.74	51.37	48.832358	-86.933527	55950.36	56243.6	6.44	55956.80	55957.07813	56029.05840	56036.85156	504878.3	5408822.3
L4880.0	504878.3	5408820.6	7917.50000	268.86	49.82	48.832343	-86.933527	55947.61	56243.6	6.44	55954.05	55954.28125	56027.71668	56035.46094	504878.3	5408820.6
L4880.0	504878.3	5408819.0	7917.60010	269.94	49.82	48.832329	-86.933527	55945.36	56243.6	6.44	55951.79	55951.97266	56026.46298	56034.16016	504878.3	5408819.0
L4880.0	504878.3	5408817.6	7917.70020	269.86	48.82	48.832316	-86.933527	55943.08	56243.6	6.44	55949.51	55949.64063	56025.22114	56032.87109	504878.3	5408817.6
L4880.0	504878.3	5408816.4	7917.79981	267.16	50.63	48.832306	-86.933527	55941.16	56243.6	6.43	55947.59	55947.67188	56024.06099	56031.66016	504878.3	5408816.4
L4880.0	504878.3	5408815.1	7917.89990	268.52	50.63	48.832294	-86.933527	55939.41	56243.6	6.43	55945.84	55945.87109	56022.96088	56030.51172	504878.3	5408815.1
L4880.0	504878.3	5408815.1	7918.00000	266.96	45.71	48.832294	-86.933527	55937.71	56243.6	6.43	55944.14	55944.11719	56021.90692	56029.40234	504878.3	5408815.1
L4880.0	504878.3	5408813.3	7918.10010	268.03	42.36	48.832278	-86.933528	55935.87	56243.6	6.43	55942.29	55942.21484	56020.87058	56028.31250	504878.3	5408813.3
L4880.0	504878.3	5408812.0	7918.20020	266.70	48.37	48.832266	-86.933528	55934.84	56243.6	6.43	55941.26	55941.12891	56020.02749	56027.41406	504878.3	5408812.0
L4880.0	504878.3	5408810.7	7918.29981	265.28	48.37	48.832255	-86.933528	55933.94	56243.6	6.42	55940.36	55940.17578	56019.25692	56026.58984	504878.3	5408810.7
L4880.0	504878.3	5408809.2	7918.39990	265.01	48.46	48.832241	-86.933528	55933.82	56243.6	6.42	55940.24	55940.00000	56018.67967	56025.95313	504878.3	5408809.2
L4880.0	504878.3	5408808.1	7918.50000	264.68	48.36	48.832231	-86.933528	55933.54	56243.6	6.42	55939.96	55939.66406	56018.12960	56025.34375	504878.3	5408808.1
L4880.0	504878.3	5408806.7	7918.60010	265.86	48.36	48.832218	-86.933528	55933.14	56243.6	6.42	55939.56	55939.20703	56017.61053	56024.76563	504878.3	5408806.7
L4880.0	504878.3	5408806.7	7918.70020	267.10	49.33	48.832218	-86.933528	55932.66	56243.6	6.42	55939.07	55938.65625	56017.12304	56024.21484	504878.3	5408806.7
L4880.0	504878.3	5408804.7	7918.79981	266.99	49.33	48.832200	-86.933528	55933.29	56243.6	6.41	55939.70	55939.22656	56016.89530	56023.92578	504878.3	5408804.7
L4880.0	504878.3	5408803.4	7918.89990	265.91	47.21	48.832189	-86.933528	55933.39	56243.6	6.41	55939.80	55939.26953	56016.61356	56023.58203	504878.3	5408803.4
L4880.0	504878.3	5408802.0	7919.00000	266.97	47.21	48.832176	-86.933528	55934.00	56243.6	6.41	55940.41	55939.81641	56016.47780	56023.37891	504878.3	5408802.0
L4880.0	504878.3	5408802.0	7919.10010	265.77	48.67	48.832176	-86.933528	55934.63	56243.6	6.41	55941.04	55940.38672	56016.39201	56023.22656	504878.3	5408802.0
L4880.0	504878.3	5408800.8	7919.20020	264.12	48.67	48.832166	-86.933528	55934.91	56243.6	6.41	55941.32	55940.60547	56016.28467	56023.05469	504878.3	5408800.8
L4880.0	504878.2	5408799.1	7919.29981	265.19	39.16	48.832150	-86.933528	55936.45	56243.6	6.42	55942.87	55942.08984	56016.47381	56023.17578	504878.2	5408799.1
L4880.0	504878.2	5408799.1	7919.39990	265.80	48.76	48.832150	-86.933528	55936.93	56243.6	6.42	55943.35	55942.50781	56016.49248	56023.12500	504878.2	5408799.1
L4880.0	504878.2	5408797.2	7919.50000	268.53	48.76	48.832133	-86.933528	55937.99	56243.6	6.42	55944.41	55943.50391	56016.67029	56023.23438	504878.2	5408797.2
L4880.0	504878.2	5408795.5	7919.60010	267.87	50.48	48.832118	-86.933528	55940.57	56243.6	6.42	55947.00	55946.03125	56026.81738	56033.30859	504878.2	5408795.5
L4880.0	504878.2	5408794.0	7919.70020	268.07	50.48	48.832104	-86.933529	55942.63	56243.6	6.42	55949.05	55948.01563	56026.89530	56033.31641	504878.2	5408794.0
L4880.0	504878.2	5408792.6	7919.79981	268.30	48.77	48.832091	-86.933529	55944.62	56243.6	6.43	55951.05	55949.94922	56027.06082	56033.41016	504878.2	5408792.6
L4880.0	504878.2	5408792.6	7919.89990	270.47	48.77	48.832091	-86.933529	55945.76	56243.6	6.43	55952.19	55951.02344	56027.38393	56033.66016	504878.2	5408792.6
L4880.0	504878.2	5408790.9	7920.00000	268.00	49.8	48.832076	-86.933529	55947.50	56243.6	6.43	55953.93	55952.69531	56027.73330	56033.93359	504878.2	5408790.9
L4880.0	504878.2	5408789.3	7920.10010	271.33	49.8	48.832062	-86.933529	55949.32	56243.6	6.43	55955.75	55954.44922	56028.15596	56034.28516	504878.2	5408789.3
L4880.0	504878.1	5408787.8	7920.20020	269.75	49.68	48.832048	-86.933529	55952.41	56243.6	6.42	55958.83	55957.45703	56020.72716	56026.77734	504878.1	5408787.8
L4880.0	504878.1	5408787.8	7920.29981	270.35	51.17	48.832048	-86.933529	55955.07	56243.6	6.42	55961.48	55960.03906	56021.63272	56027.60938	504878.1	5408787.8
L4880.0	504878.1	5408786.4	7920.39990	267.36	51.17	48.832035	-86.933530	55958.08	56243.6	6.41	55964.49	55962.98047	56022.65779	56028.55859	504878.1	5408786.4
L4880.0	504878.1	5408785.1	7920.50000	265.24	52.26	48.832024	-86.933530	55960.64	56243.6	6.40	55967.04	55965.46094	56023.63629	56029.46094	504878.1	5408785.1
L4880.0	504878.1	5408785.1	7920.60010	264.01	53.01	48.832024	-86.933530	55963.36	56243.6	6.40	55969.76	55968.11328	56024.68766	56030.43359	504878.1	5408785.1
L4880.0	504878.1	5408783.4	7920.70020	263.22	53.01	48.832008	-86.933530	55966.07	56243.6	6.39	55972.46	55970.74219	56025.77007	56031.43750	504878.1	5408783.4
L4880.0	504878.1	5408782.0	7920.79981	263.04	53.41	48.831996	-86.933530	55969.00	56243.6	6.39	55975.39	55973.60156	56026.92635	56032.51563	504878.1	5408782.0
L4880.0	504878.1	5408780.8	7920.89990	265.13	53.41	48.831986	-86.933530	55971.48	56243.6	6.38	55977.86	55976.00000	56028.02404	56033.53516	504878.1	5408780.8
L4880.0	504878.2	5408779.1	7921.00000	266.72	53.05	48.831970	-86.933529	55974.04	56243.6	6.38	55980.42	55978.48828	56029.16069	56034.59375	504878.2	5408779.1
L4880.0	504878.2	5408777.7	7921.10010	265.96	53.05	48.831958	-86.933529	55976.67	56243.6	6.38	55983.05	55981.04688	56030.32296	56035.67578	504878.2	5408777.7
L4880.0	504878.2	5408777.7	7921.20020	265.65	53.38	48.831958	-86.933529	55979.66	56243.6	6.39	55986.04	55983.96484	56031.55296	56036.82813	504878.2	5408777.7
L4880.0	504878.2	5408776.3	7921.29981	266.61	53.83	48.831945	-86.933529	55982.74	56243.6	6.39	55989.13	55986.98047	56032.79489	56037.98828	504878.2	5408776.3
L4880.0	504878.2	5408775.1	7921.39990	268.31	53.83	48.831934	-86.933529	55985.70	56243.6	6.39	55992.09	55989.86719	56034.00511	56039.12109	504878.2	5408775.1
L4880.0	504878.2	5408773.3	7921.50000	266.41	53.79	48.831918	-86.933528	55989.06	56243.6	6.39	55995.46	55993.16797	56035.27176	56040.30859	504878.2	5408773.3
L4880.0	504878.3	5408771.9	7921.60010	268.28	48.05	48.831905	-86.933528	55992.00	56243.6	6.40	55998.39	55996.02344	56036.45321	56041.41016	504878.3	5408771.9
L4880.0	504878.3	5408770.3	7921.70020	266.25	48.05	48.831891	-86.933528	55994.75	56243.6	6.40	56001.16	55998.71875	56037.59724	56042.47266	504878.3	5408770.3
L4880.0	504878.3	5408770.3	7921.79981	266.08	46.48	48.831891	-86.933528	55997.89	56243.6	6.40	56004.29	56001.77734	56038.78815	56043.58594	504878.3	5408770.3
L4880.0	504878.3	5408768.9	7921.89990	264.39	52.98	48.831878	-86.933528	56000.65	56243.6	6.41	56007.06	56004.47656	56039.91266	56044.62891	504878.3	5408768.9
L4880.0	504878.3	5408767.4	7922.00000	266.48	52.98	48.831865	-86.933528	56002.77	56243.6	6.41	56009.18	56006.52344	56040.92783	56045.56641	504878.3	5408767.4
L4880.0	504878.3	5408767.4	7922.10010	266.20	53.26	48.831865	-86.933528	56005.88	56243.6	6.41	56012.29	56009.55859	56042.09403	56046.65234	504878.3	5408767.4
L4880.0	504878.3	5408765.5	7922.20020	263.36	53.81	48.831848	-86.933528	56008.62	56243.6	6.40	56015.02	56012.21484	56043.19757	56047.67578	504878.3	5408765.5
L4880.0	504878.3	5408764.2	7922.29981	264.74	53.81	48.831836	-86.933528	56011.02	56243.6	6.40	56017.42	56014.54297	56044.24727	56048.64844	504878.3	5408764.2
L4880.0	504878.3	5408762.7	7922.39990	265.02	53.23	48.831822	-86.933527	56014.18	56243.6	6.39	56020.57	56017.62109	56045.41742	56049.74219	504878.3	5408762.7
L4880.0	504878.3	5408761.4	7922.50000	265.21	48.31	48.831810	-86.933527	56017.46	56243.6	6.39	56023.85	56020.82813	56046.61188	56050.85547	504878.3	5408761.4
L4880.0	504878.3	5408760.0	7922.60010	265.49	48.31	48.831799	-86.933528	56019.80	56243.6	6.39	56026.18	56023.08594	56047.65468	56051.82031	504878.3	5408760.0
L4880.0	504878.3	5408758.8	7922.70020	266.18	53.26	48.831788	-86.933528	56022.25	56243.6	6.38	56028.63	56025.46484	56048.72265	56052.81250	504878.3	5408758.8
L4880.0	504878.3	5408758.8	7922.79981	266.84	54.27	48.831788	-86.933528	56024.81	56243.6	6.38	56031.19	56027.95313	56049.81793	56053.83203	504878.3	5408758.8
L4880.0	504878.3	5408757.6	7922.89990	267.31	54.27	48.831777	-86.933528	56027.89	56243.6	6.37	56034.27	56030.96094	56051.01409	56054.95313	504878.3	5408757.6
L4880.0	504878.3	5408756.2	7923.00000	268.79	52.92	48.831764	-86.933528	56030.19	56243.6	6.37	56036.56	56033.17969	56052.08668	56055.94922	504878.3	5408756.2
L4880.0	504878.3	5408754.6	7923.10010	266.92	53.09	48.831749	-86.933528	56032.75	56243.6	6.37	56039.12	56035.66797	56053.22175	56057.00781	504878.3	5408754.6
L4880.0	504878.3	5408754.6	7923.20020	265.88	53.09	48.831749	-86.933528	56034.92	56243.6	6.37	56041.29	56037.76953	56054.30169	56058.01563	504878.3	5408754.6
L4880.0	504878.3	5408752.9	7923.29981	265.99	54.97	48.831734	-86.933528	56037.70	56243.6	6.37	56044.07	56040.47656	56055.51196	56059.15234	504878.3	5408752.9
L4880.0	504878.3	5408751.2	7923.39990	266.37	55.87	48.831719	-86.933528	56039.86	56243.6	6.37	56046.23	56042.57031	56056.62304	56060.19141	504878.3	5408751.2
L4880.0	504878.3	5408749.6	7923.50000	265.90	55.87	48.831705	-86.933528	56042.43	56243.6	6.38	56048.81	56045.08203	56057.83189	56061.32813	504878.3	5408749.6
L4880.0	504878.3	5408749.6	7923.60010	267.93	44.89	48.831705	-86.933528	56044.58	56243.6	6.38	56050.96	56047.16406	56058.97276	56062.39844	504878.3	5408749.6
L4880.0	504878.3	5408748.2	7923.70020	269.89	46.42	48.831692	-86.933528	56046.64	56243.6	6.38	56053.02	56049.15234	56060.10908	56063.46484	504878.3	5408748.2
L4880.0	504878.3	5408748.2	7923.79981	270.73	46.42	48.831692	-86.933528	56049.39	56243.6	6.38	56055.77	56051.83594	56060.14181	56063.42969	504878.3	5408748.2
L4880.0	504878.3	5408746.1	7923.89990	271.67	46.42	48.831673	-86.933528	56050.76	56243.6	6.38	56057.14	56053.14063	56061.30962	56064.52734	504878.3	5408746.1
L4880.0	504878.3	5408745.0	7924.00000	270.19	53	48.831664	-86.933528	56053.21	56243.6	6.38	56059.59	56055.52344	56062.38053	56065.53125	504878.3	5408745.0
L4880.0	504878.3	5408743.3	7924.10010	269.10	45.05	48.831648	-86.933528	56055.46	56243.6	6.38	56061.84	56057.71094	56064.85878	56067.94531	504878.3	5408743.3

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4880.0	504878.3	5408741.8	7924.20020	269.20	45.05	48.831634	-86.933528	56057.69	56243.6	6.38	56064.07	56059.87500	56066.05549	56069.07422	504878.3	5408741.8
L4880.0	504878.3	5408741.8	7924.29981	268.55	44.51	48.831634	-86.933528	56059.91	56243.6	6.38	56066.29	56062.03125	56067.24421	56070.19922	504878.3	5408741.8
L4880.0	504878.3	5408740.2	7924.39990	268.14	44.51	48.831620	-86.933528	56061.13	56243.6	6.38	56067.50	56063.17969	56068.23173	56071.12500	504878.3	5408740.2
L4880.0	504878.3	5408739.1	7924.50000	268.84	44.98	48.831611	-86.933528	56063.68	56243.6	6.38	56070.06	56065.67578	56069.46734	56072.29688	504878.3	5408739.1
L4880.0	504878.3	5408737.7	7924.60010	266.89	44.98	48.831598	-86.933528	56065.50	56243.6	6.38	56071.88	56067.43359	56070.55273	56073.32422	504878.3	5408737.7
L4880.0	504878.3	5408736.1	7924.70020	267.10	54.04	48.831584	-86.933528	56067.10	56243.6	6.38	56073.48	56068.97266	56071.58898	56074.30078	504878.3	5408736.1
L4880.0	504878.3	5408736.1	7924.79981	266.60	53.93	48.831584	-86.933528	56068.46	56243.6	6.38	56074.84	56070.27344	56072.57540	56075.22656	504878.3	5408736.1
L4880.0	504878.3	5408733.0	7924.89990	266.82	53.93	48.831556	-86.933528	56070.69	56243.6	6.38	56077.07	56072.44531	56073.70325	56076.29688	504878.3	5408733.0
L4880.0	504878.3	5408733.0	7925.00000	266.69	43.8	48.831556	-86.933528	56072.08	56243.6	6.38	56078.46	56073.77734	56074.68014	56077.21875	504878.3	5408733.0
L4880.0	504878.3	5408731.5	7925.10010	265.67	43.8	48.831542	-86.933528	56073.57	56243.6	6.38	56079.95	56075.21094	56075.66879	56078.15234	504878.3	5408731.5
L4880.0	504878.3	5408730.2	7925.20020	262.35	44.55	48.831530	-86.933529	56075.82	56243.6	6.38	56082.20	56077.40625	56076.77481	56079.20703	504878.3	5408730.2
L4880.0	504878.2	5408729.2	7925.29981	264.70	44.55	48.831521	-86.933529	56077.82	56243.6	6.37	56084.20	56079.35156	56077.83602	56080.21484	504878.2	5408729.2
L4880.0	504878.2	5408727.6	7925.39990	263.64	51.43	48.831507	-86.933529	56078.18	56243.6	6.37	56084.55	56079.64844	56078.63753	56080.96484	504878.2	5408727.6
L4880.0	504878.2	5408727.6	7925.50000	263.66	51.43	48.831507	-86.933529	56079.87	56243.6	6.37	56086.24	56081.28516	56079.65137	56081.92969	504878.2	5408727.6
L4880.0	504878.2	5408726.1	7925.60010	263.70	54.31	48.831493	-86.933529	56082.30	56243.6	6.37	56088.67	56083.66406	56080.78493	56083.01563	504878.2	5408726.1
L4880.0	504878.2	5408724.8	7925.70020	264.31	51.86	48.831481	-86.933529	56083.16	56243.6	6.37	56089.53	56084.47266	56081.67613	56083.85938	504878.2	5408724.8
L4880.0	504878.2	5408723.3	7925.79981	265.65	53.46	48.831469	-86.933530	56084.47	56243.6	6.36	56090.84	56085.73438	56082.64255	56084.78125	504878.2	5408723.3
L4880.0	504878.2	5408721.9	7925.89990	264.46	53.46	48.831456	-86.933530	56086.42	56243.6	6.36	56092.78	56087.62500	56083.71744	56085.81250	504878.2	5408721.9
L4880.0	504878.2	5408720.5	7926.00000	265.60	54.13	48.831443	-86.933530	56087.54	56243.6	6.36	56093.90	56088.69922	56084.66361	56086.71484	504878.2	5408720.5
L4880.0	504878.2	5408720.5	7926.10010	266.28	54.13	48.831443	-86.933530	56089.41	56243.6	6.36	56095.77	56090.52344	56085.74148	56087.75000	504878.2	5408720.5
L4880.0	504878.2	5408719.0	7926.20020	267.88	55.33	48.831429	-86.933530	56090.82	56243.6	6.36	56097.18	56091.88672	56086.74588	56088.71484	504878.2	5408719.0
L4880.0	504878.1	5408717.9	7926.29981	267.03	56.75	48.831420	-86.933530	56092.06	56243.6	6.36	56098.42	56093.08594	56087.72205	56089.65234	504878.1	5408717.9
L4880.0	504878.1	5408716.5	7926.39990	266.18	56.75	48.831407	-86.933530	56093.84	56243.6	6.36	56100.20	56094.82422	56088.79849	56090.69531	504878.1	5408716.5
L4880.0	504878.1	5408715.1	7926.50000	269.81	55.56	48.831394	-86.933531	56094.59	56243.6	6.36	56100.95	56095.53125	56089.68030	56091.53906	504878.1	5408715.1
L4880.0	504878.1	5408713.7	7926.60010	270.21	55.56	48.831381	-86.933531	56095.71	56243.6	6.36	56102.07	56096.61328	56090.62526	56092.44922	504878.1	5408713.7
L4880.0	504878.1	5408713.7	7926.70020	268.78	55.99	48.831381	-86.933531	56097.30	56243.6	6.36	56103.66	56098.16406	56089.89890	56091.69141	504878.1	5408713.7
L4880.0	504878.1	5408712.4	7926.79981	270.88	55.99	48.831370	-86.933531	56099.02	56243.6	6.36	56105.38	56099.84766	56090.82998	56092.58984	504878.1	5408712.4
L4880.0	504878.1	5408711.1	7926.89990	269.87	56.22	48.831358	-86.933531	56099.81	56243.6	6.36	56106.17	56100.60156	56091.82223	56093.55469	504878.1	5408711.1
L4880.0	504878.1	5408709.8	7927.00000	269.00	54.92	48.831346	-86.933531	56100.21	56243.6	6.36	56106.57	56100.96484	56092.82046	56094.52344	504878.1	5408709.8
L4880.0	504878.1	5408708.7	7927.10010	268.32	54.92	48.831337	-86.933531	56101.56	56243.6	6.36	56107.92	56102.28125	56093.72178	56095.39844	504878.1	5408708.7
L4880.0	504878.1	5408708.7	7927.20020	266.91	55.35	48.831337	-86.933531	56103.34	56243.6	6.36	56109.70	56104.03125	56094.57220	56096.22266	504878.1	5408708.7
L4880.0	504878.1	5408706.4	7927.29981	268.12	55.66	48.831316	-86.933532	56104.26	56243.6	6.36	56110.62	56104.92188	56095.46804	56097.09375	504878.1	5408706.4
L4880.0	504878.1	5408705.2	7927.39990	266.30	55.66	48.831305	-86.933532	56105.82	56243.6	6.36	56112.18	56106.44922	56096.30076	56097.90234	504878.1	5408705.2
L4880.0	504878.1	5408704.1	7927.50000	268.56	56.2	48.831295	-86.933532	56107.06	56243.6	6.36	56113.42	56107.66406	56097.14342	56098.72266	504878.1	5408704.1
L4880.0	504878.1	5408702.9	7927.60010	268.64	58.92	48.831285	-86.933532	56107.37	56243.6	6.36	56113.73	56107.94531	56098.04270	56099.60156	504878.1	5408702.9
L4880.0	504878.0	5408701.7	7927.70020	267.08	58.34	48.831274	-86.933532	56108.73	56243.6	6.36	56115.09	56109.28125	56098.85824	56100.39844	504878.0	5408701.7
L4880.0	504878.0	5408699.8	7927.79981	267.42	58.34	48.831257	-86.933532	56109.46	56243.6	6.36	56115.82	56109.98828	56099.71328	56101.23828	504878.0	5408699.8
L4880.0	504878.0	5408698.4	7927.89990	267.09	57.43	48.831244	-86.933532	56110.58	56243.6	6.36	56116.94	56111.08594	56100.53539	56102.04297	504878.0	5408698.4
L4880.0	504878.0	5408698.4	7928.00000	268.02	56.34	48.831244	-86.933532	56112.05	56243.6	6.36	56118.41	56112.53516	56101.32765	56102.82031	504878.0	5408698.4
L4880.0	504878.0	5408696.7	7928.10010	266.36	56.34	48.831228	-86.933532	56112.75	56243.6	6.36	56119.11	56113.21484	56102.16602	56103.64453	504878.0	5408696.7
L4880.0	504878.0	5408696.7	7928.20020	267.08	57.17	48.831228	-86.933532	56113.89	56243.6	6.36	56120.25	56114.33594	56102.96763	56104.43359	504878.0	5408696.7
L4880.0	504878.1	5408695.1	7928.29981	266.45	56.89	48.831214	-86.933532	56114.75	56243.6	6.36	56121.11	56115.17969	56103.77896	56105.23438	504878.1	5408695.1
L4880.0	504878.1	5408693.7	7928.39990	267.59	56.89	48.831201	-86.933532	56116.05	56243.6	6.36	56122.40	56116.45313	56104.55328	56106.00000	504878.1	5408693.7
L4880.0	504878.1	5408692.3	7928.50000	266.68	58.04	48.831190	-86.933532	56116.95	56243.6	6.35	56123.31	56117.34766	56105.33839	56106.77734	504878.1	5408692.3
L4880.0	504878.1	5408690.9	7928.60010	264.24	58.04	48.831177	-86.933532	56117.53	56243.6	6.35	56123.88	56117.90625	56106.12751	56107.55859	504878.1	5408690.9
L4880.0	504878.1	5408690.9	7928.70020	264.41	57.33	48.831177	-86.933532	56118.50	56243.6	6.35	56124.85	56118.86328	56106.87236	56108.29688	504878.1	5408690.9
L4880.0	504878.1	5408689.1	7928.79981	265.42	57.59	48.831161	-86.933532	56120.14	56243.6	6.35	56126.49	56120.49219	56107.55650	56108.97656	504878.1	5408689.1
L4880.0	504878.1	5408687.4	7928.89990	268.48	57.59	48.831146	-86.933532	56120.90	56243.6	6.35	56127.25	56121.24219	56108.27078	56109.68750	504878.1	5408687.4
L4880.0	504878.1	5408686.1	7929.00000	270.18	58.28	48.831134	-86.933532	56121.78	56243.7	6.35	56128.13	56122.11328	56108.95558	56110.36719	504878.1	5408686.1
L4880.0	504878.1	5408684.9	7929.10010	271.24	58.14	48.831123	-86.933532	56121.38	56243.7	6.35	56127.73	56121.70703	56109.70162	56111.11328	504878.1	5408684.9
L4880.0	504878.1	5408683.7	7929.20020	270.43	59.13	48.831112	-86.933532	56122.80	56243.7	6.35	56129.15	56123.12109	56110.31339	56111.72656	504878.1	5408683.7
L4880.0	504878.1	5408683.7	7929.29981	270.42	59.13	48.831112	-86.933532	56123.60	56243.7	6.35	56129.95	56123.91797	56110.94977	56112.36328	504878.1	5408683.7
L4880.0	504878.1	5408681.9	7929.39990	268.80	59.13	48.831096	-86.933532	56124.68	56243.7	6.35	56131.03	56124.99609	56111.55339	56112.96875	504878.1	5408681.9
L4880.0	504878.1	5408680.1	7929.50000	268.98	59.19	48.831080	-86.933532	56125.84	56243.7	6.35	56132.19	56126.15234	56112.13838	56113.55469	504878.1	5408680.1
L4880.0	504878.1	5408678.2	7929.60010	268.68	59.19	48.831062	-86.933532	56126.57	56243.7	6.35	56132.92	56126.88281	56112.74627	56114.16797	504878.1	5408678.2
L4880.0	504878.1	5408678.2	7929.70020	267.25	54.68	48.831062	-86.933532	56126.96	56243.7	6.35	56133.31	56127.27344	56113.37450	56114.80078	504878.1	5408678.2
L4880.0	504878.1	5408676.8	7929.79981	265.46	54.68	48.831050	-86.933531	56128.46	56243.7	6.35	56134.81	56128.77344	56113.90133	56115.33203	504878.1	5408676.8
L4880.0	504878.1	5408675.4	7929.89990	264.94	50.43	48.831037	-86.933531	56129.27	56243.7	6.35	56135.62	56129.58984	56114.47990	56115.91797	504878.1	5408675.4
L4880.0	504878.1	5408675.4	7930.00000	264.63	58.78	48.831037	-86.933531	56129.13	56243.7	6.35	56135.47	56129.44141	56116.36601	56117.80859	504878.1	5408675.4
L4880.0	504878.1	5408673.2	7930.10010	265.00	58.78	48.831017	-86.933531	56129.92	56243.6	6.35	56136.27	56130.25000	56116.94317	56118.39453	504878.1	5408673.2
L4880.0	504878.1	5408671.5	7930.20020	265.00	52.13	48.831002	-86.933531	56130.77	56243.6	6.35	56137.12	56131.10547	56117.52819	56118.98828	504878.1	5408671.5
L4880.0	504878.1	5408671.5	7930.29981	262.14	52.13	48.831002	-86.933531	56131.45	56243.6	6.35	56137.80	56131.79297	56118.07888	56119.55078	504878.1	5408671.5
L4880.0	504878.1	5408669.8	7930.39990	264.09	51.72	48.830987	-86.933531	56133.26	56243.6	6.35	56139.62	56133.62109	56118.84943	56120.33203	504878.1	5408669.8
L4880.0	504878.2	5408668.1	7930.50000	264.39	54.78	48.830971	-86.933531	56133.62	56243.6	6.36	56139.98	56133.99219	56119.33950	56120.83203	504878.2	5408668.1
L4880.0	504878.2	5408668.1	7930.60010	265.03	54.78	48.830971	-86.933531	56133.85	56243.6	6.36	56140.20	56134.22266	56119.80629	56121.31250	504878.2	5408668.1
L4880.0	504878.2	5408666.1	7930.70020	266.41	59.27	48.830954	-86.933531	56134.06	56243.6	6.36	56140.41	56134.44531	56120.27457	56121.79297	504878.2	5408666.1
L4880.0	504878.2	5408664.6	7930.79981	269.00	59.27	48.830940	-86.933531	56135.27	56243.6	6.36	56141.63	56135.67578	56120.93861	56122.47266	504878.2	5408664.6
L4880.0	504878.2	5408663.4	7930.89990	267.89	58.35	48.830929	-86.933531	56136.30	56243.6	6.36	56142.66	56136.71875	56121.56689	56123.11328	504878.2	5408663.4
L4880.0	504878.2	5408662.0	7931.00000	269.63	58.35	48.830917	-86.933531	56136.96	56243.6	6.36	56143.32	56137.39453	56122.12198	56123.68359	504878.2	5408662.0
L4880.0	504878.2	5408662.0	7931.10010	268.81	57.64	48.830917	-86.933531	56137.67	56243.6	6.36	56144.03	56138.12109	56122.68145	56124.25781	504878.2	5408662.0
L4880.0	504878.2	5408660.1	7931.20020	268.86	50.11	48.830900	-86.933531	56138.20	56243.6	6.36	56144.57	56138.67578	56123.20071	56124.79297	504878.2	5408660.1
L4880.0	504878.2	5408658.7	7931.29981	269.34	50.11	48.830887	-86.933531	56139.16	56243.6	6.37	56145.53	56139.65625	56123.78951	56125.39844	504878.2	5408658.7
L4880.0	504878.2	5408658.7	7931.39990	270.41	50.72	48.830887	-86.933531	56139.22	56243.6	6.37	56145.59	56139.73438	56124.19035	56125.81641	504878.2	5408658.7
L4880.0	504878.2	5408657.0	7931.50000	268.76	50.72	48.830871	-86.933531	56139.31	56243.6	6.37	56145.68	56139.84375	56124.57973	56126.22266	504878.2	5408657.0
L4880.0	504878.2	5408654.7	7931.60010	267.56	59.86	48.830851	-86.933531	56140.68	56243.6	6.37	56147.06	56141.24219	56125.19563	56126.85938	504878.2	5408654.7
L4880.0	504878.2	5408654.7	7931.70020	267.59	59.86	48.830851	-86.933531	56140.93	56243.6	6.37	56147.30	56141.50391	56125.57101	56127.25000	504878.2	5408654.7
L4880.0	504878.2	5408653.1	7931.79981	267.74	60.56	48.830837	-86.933531	56141.93	56243.6	6.38	56148.30	56142.52734	56126.06666	56127.76563	504878.2	5408653.1
L4880.0	504878.2	5408651.8	7931.89990	266.43	60.56	48.830825	-86.933531	56141.99	56243.6	6.38	56148.37	56142.61719	56126.36875	56128.08594	504878.2	5408651.8
L4880.0	504878.2	5408650.5	7932.00000	266.29	59.74	48.830813	-86.933531	56142.35	56243.6	6.38	56148.73	56143.00391	56126.70720	56128.44531	504878.2	5408650.5
L4880.0	504878.2	5408649.0	7932.10010	266.61	46.76	48.830800	-86.933531	56143.97	56243.6	6.38	56150.35	56144.64844	56127.25250	56129.01172	504878.2	5408649.0
L4880.0	504878.2	5408649.0	7932.20020	265.91	46.76	48.830800	-86.933531	56144.37	56243.6	6.37	56150.74	56145.06250	56127.57043	56129.34766	504878.2	5408649.0
L4880.0	504878.2	5408647.1	7932.29981	265.13	46.78	48.830783	-86.933531	56144.31	56243.6	6.37	56150.68	56145.02734	56127.81110	56129.60938	504878.2	5408647.1
L4880.0	504878.2	5408647.1	7932.39990	266.08	52.84	48.830783	-86.933531	56145.34	56243.6	6.37	56151.70	56146.07422	56128.23536	56130.05469	504878.2	5408647.1
L4880.0	504878.2	5408645.6	7932.50000	264.43	52.84	48.830769	-86.933531	56145.92	56243.6	6.36	56152.28	56146.67969	56128.59357	56130.43359	504878.2	5408645.6
L4880.0	504878.2	5408644.1	7932.60010	264.60	51.62	48.830755	-86.933531	56145.96	56243.6	6.36	56152.33	56146.75781	56128.87956	56130.74219	504878.2	5408644.1
L4880.0	504878.2	5408642.5	7932.70020	265.78	51.62	48.830742	-86.933531	56146.87	56243.6	6.36	56153.23	56147.68359	56129.31285	56131.19531	504878.2	5408642.5
L4880.0	504878.2	5408641.0	7932.79981	263.59	61.41	48.830728	-86.933531	56147.46	56243.6	6.36	56153.82	56148.30469	56129.71281	56131.61719	504878.2	5408641.0
L4880.0	504878.2	5408639.6	7932.89990	264.05	61.41	48.830715	-86.933531	56147.33	56243.6	6.35	56153.68	56148.19141	56130.01694	56131.94531	504878.2	5408639.6
L4880.0	504878.2	5408639.6	7933.00000	265.31	48.34	48.830715	-86.933531	56148.37	56243.7	6.35	56154.72	56149.26172	56130.51871	56132.46875	504878.2	5408639.6
L4880.0	504878.2	5408638.2	7933.10010	263.43	48.34	48.830703	-86.933531	56148.80	56243.7	6.35	56155.15	56149.72266	56130.94189	56132.91406	504878.2	5408638.2
L4880.0	504878.2	5408636.1	7933.20020	265.22	51.07	48.830684	-86.933531	56148.32	56243.7	6.35	56154.67	56149.27344	56131.23575	56133.23047	504878.2	5408636.1
L4880.0	504878.2	5408636.1	7933.29981	263.24	57.13	48.830684	-86.933531	56148.77	56243.7	6.35	56155.12	56149.75391	56131.68463	56133.70313	504878.2	5408636.1
L4880.0	504878.2	5408634.6	7933.39990	262.07	57.13	48.830670	-86.933531	56150.53	56243.7	6.35	56156.88	56151.54688	56132.35402	56134.39453	504878.2	5408634.6

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4880.0	504878.1	5408633.2	7933.50000	266.04	59.43	48.830657	-86.933531	56150.52	56243.7	6.35	56156.87	56151.57031	56132.74619	56134.80859	504878.1	5408633.2
L4880.0	504878.1	5408633.2	7933.60010	266.16	60.35	48.830657	-86.933531	56150.67	56243.7	6.35	56157.02	56151.75000	56133.16674	56135.25000	504878.1	5408633.2
L4880.0	504878.1	5408631.8	7933.70020	265.83	60.35	48.830645	-86.933531	56151.10	56243.7	6.35	56157.45	56152.21484	56133.63506	56135.74219	504878.1	5408631.8
L4880.0	504878.1	5408630.3	7933.79981	267.83	59.22	48.830631	-86.933531	56151.56	56243.7	6.35	56157.91	56152.70703	56134.10737	56136.23828	504878.1	5408630.3
L4880.0	504878.1	5408628.6	7933.89990	267.83	59.22	48.830616	-86.933532	56152.04	56243.7	6.35	56158.39	56153.22266	56134.57932	56136.73047	504878.1	5408628.6
L4880.0	504878.1	5408628.6	7934.00000	268.64	57.76	48.830616	-86.933532	56152.37	56243.7	6.35	56158.72	56153.58594	56135.01752	56137.19141	504878.1	5408628.6
L4880.0	504878.1	5408626.9	7934.10010	268.96	60.27	48.830601	-86.933531	56152.65	56243.6	6.35	56159.00	56153.89844	56135.43682	56137.63281	504878.1	5408626.9
L4880.0	504878.1	5408625.5	7934.20020	267.47	60.27	48.830588	-86.933531	56152.84	56243.6	6.35	56159.19	56154.12500	56135.82693	56138.04688	504878.1	5408625.5
L4880.0	504878.2	5408624.1	7934.29981	267.46	48.29	48.830576	-86.933531	56153.38	56243.6	6.35	56159.73	56154.69922	56136.26980	56138.51172	504878.2	5408624.1
L4880.0	504878.2	5408622.9	7934.39990	267.15	48.29	48.830565	-86.933531	56153.79	56243.6	6.35	56160.14	56155.14453	56136.67274	56138.93750	504878.2	5408622.9
L4880.0	504878.2	5408621.5	7934.50000	267.27	46.89	48.830552	-86.933531	56154.36	56243.6	6.35	56160.71	56155.75000	56137.09015	56139.37500	504878.2	5408621.5
L4880.0	504878.2	5408620.2	7934.60010	268.36	61.89	48.830540	-86.933531	56154.50	56243.6	6.36	56160.86	56155.93359	56137.40666	56139.71484	504878.2	5408620.2
L4880.0	504878.2	5408620.2	7934.70020	268.89	62.7	48.830540	-86.933531	56154.78	56243.6	6.36	56161.14	56156.25000	56137.72932	56140.05859	504878.2	5408620.2
L4880.0	504878.2	5408618.1	7934.79981	268.05	62.7	48.830522	-86.933531	56155.84	56243.6	6.36	56162.20	56157.34375	56138.18774	56140.53906	504878.2	5408618.1
L4880.0	504878.2	5408618.1	7934.89990	267.53	62.49	48.830522	-86.933531	56156.31	56243.6	6.36	56162.67	56157.85156	56138.50788	56140.87891	504878.2	5408618.1
L4880.0	504878.2	5408616.5	7935.00000	268.51	63.58	48.830507	-86.933531	56155.96	56243.6	6.36	56162.32	56157.53516	56138.64436	56141.03906	504878.2	5408616.5
L4880.0	504878.2	5408615.1	7935.10010	271.04	63.58	48.830495	-86.933531	56156.84	56243.6	6.36	56163.20	56158.45313	56139.00681	56141.42188	504878.2	5408615.1
L4880.0	504878.2	5408613.6	7935.20020	270.79	53.92	48.830481	-86.933531	56156.48	56243.6	6.36	56162.84	56158.12891	56139.10631	56141.54297	504878.2	5408613.6
L4880.0	504878.2	5408612.2	7935.29981	269.64	53.92	48.830468	-86.933531	56156.31	56243.6	6.35	56162.66	56157.98438	56139.22764	56141.68359	504878.2	5408612.2
L4880.0	504878.2	5408610.9	7935.39990	266.63	55.57	48.830457	-86.933531	56157.04	56243.6	6.35	56163.39	56158.75391	56139.51296	56141.99219	504878.2	5408610.9
L4880.0	504878.2	5408610.9	7935.50000	267.38	60.65	48.830457	-86.933531	56157.70	56243.7	6.35	56164.05	56159.44922	56139.77223	56142.26953	504878.2	5408610.9
L4880.0	504878.2	5408610.9	7935.60010	265.70	60.65	48.830457	-86.933531	56158.36	56243.7	6.35	56164.71	56160.14453	56140.01987	56142.53906	504878.2	5408610.9
L4880.0	504878.2	5408608.6	7935.70020	267.12	61.07	48.830437	-86.933531	56158.43	56243.7	6.35	56164.78	56160.25000	56140.14742	56142.68359	504878.2	5408608.6
L4880.0	504878.2	5408607.3	7935.79981	267.38	61.07	48.830424	-86.933531	56158.34	56243.7	6.34	56164.68	56160.18750	56140.23712	56142.79297	504878.2	5408607.3
L4880.0	504878.2	5408605.9	7935.89990	266.25	62.27	48.830412	-86.933531	56158.01	56243.7	6.34	56164.35	56159.89453	56140.28051	56142.85547	504878.2	5408605.9
L4880.0	504878.2	5408604.6	7936.00000	266.16	62.54	48.830401	-86.933531	56158.89	56243.7	6.34	56165.23	56160.81250	56140.53415	56143.12891	504878.2	5408604.6
L4880.0	504878.2	5408603.3	7936.10010	267.98	62.54	48.830389	-86.933531	56159.29	56243.7	6.34	56165.63	56161.24609	56140.69548	56143.30859	504878.2	5408603.3
L4880.0	504878.2	5408601.9	7936.20020	267.44	62.13	48.830376	-86.933531	56159.81	56243.7	6.34	56166.14	56161.79297	56140.87027	56143.50391	504878.2	5408601.9
L4880.0	504878.2	5408601.9	7936.29981	265.53	63.67	48.830376	-86.933531	56159.70	56243.7	6.34	56166.04	56161.73047	56140.93835	56143.58984	504878.2	5408601.9
L4880.0	504878.2	5408600.5	7936.39990	263.56	63.67	48.830363	-86.933531	56159.58	56243.7	6.34	56165.92	56161.64453	56141.00310	56143.67188	504878.2	5408600.5
L4880.0	504878.2	5408598.9	7936.50000	264.89	62.47	48.830349	-86.933531	56160.03	56243.7	6.33	56166.37	56162.13281	56141.16166	56143.84766	504878.2	5408598.9
L4880.0	504878.2	5408597.3	7936.60010	266.58	63.56	48.830335	-86.933531	56160.36	56243.7	6.33	56166.69	56162.48828	56141.29961	56144.00391	504878.2	5408597.3
L4880.0	504878.2	5408596.0	7936.70020	264.08	63.56	48.830323	-86.933531	56160.63	56243.7	6.33	56166.96	56162.79297	56141.43196	56144.15234	504878.2	5408596.0
L4880.0	504878.2	5408596.0	7936.79981	266.05	65.57	48.830323	-86.933531	56161.48	56243.7	6.33	56167.81	56163.67969	56141.65732	56144.39453	504878.2	5408596.0
L4880.0	504878.2	5408594.6	7936.89990	266.26	64.46	48.830310	-86.933531	56161.39	56243.7	6.33	56167.72	56163.62500	56141.74192	56144.49609	504878.2	5408594.6
L4880.0	504878.2	5408593.3	7937.00000	266.06	58.39	48.830298	-86.933531	56161.22	56243.7	6.33	56167.55	56163.49219	56141.82144	56144.58984	504878.2	5408593.3
L4880.0	504878.2	5408591.7	7937.10010	266.07	56.55	48.830284	-86.933531	56161.15	56243.7	6.33	56167.48	56163.45703	56141.92418	56144.71094	504878.2	5408591.7
L4880.0	504878.2	5408590.4	7937.20020	266.38	56.55	48.830273	-86.933531	56161.29	56243.7	6.33	56167.62	56163.62891	56142.06728	56144.86719	504878.2	5408590.4
L4880.0	504878.2	5408588.9	7937.29981	264.95	55.78	48.830259	-86.933531	56162.13	56243.7	6.33	56168.46	56164.50391	56142.32374	56145.14063	504878.2	5408588.9
L4880.0	504878.2	5408588.9	7937.39990	263.98	55.78	48.830259	-86.933531	56163.22	56243.7	6.33	56169.55	56165.62891	56142.62660	56145.45703	504878.2	5408588.9
L4880.0	504878.2	5408587.4	7937.50000	261.30	65.08	48.830245	-86.933531	56162.89	56243.7	6.33	56169.22	56165.33594	56142.72647	56145.57422	504878.2	5408587.4
L4880.0	504878.2	5408585.7	7937.60010	261.82	65.08	48.830230	-86.933531	56162.12	56243.7	6.34	56168.45	56164.59766	56142.76640	56145.62500	504878.2	5408585.7
L4880.0	504878.2	5408585.7	7937.70020	264.44	68.06	48.830230	-86.933531	56162.91	56243.7	6.34	56169.25	56165.43359	56143.04989	56145.92188	504878.2	5408585.7
L4880.0	504878.2	5408584.2	7937.79981	264.82	68.06	48.830216	-86.933531	56163.32	56243.7	6.34	56169.66	56165.87500	56143.27833	56146.16406	504878.2	5408584.2
L4880.0	504878.2	5408582.5	7937.89990	265.86	64.64	48.830201	-86.933531	56163.54	56243.7	6.34	56169.88	56166.12891	56143.47912	56146.37891	504878.2	5408582.5
L4880.0	504878.2	5408580.8	7938.00000	264.80	65.19	48.830186	-86.933531	56163.70	56243.7	6.34	56170.04	56166.32031	56143.66955	56146.58203	504878.2	5408580.8
L4880.0	504878.2	5408580.8	7938.10010	265.60	65.19	48.830186	-86.933531	56164.11	56243.7	6.34	56170.45	56166.76563	56143.89714	56146.82422	504878.2	5408580.8
L4880.0	504878.2	5408578.8	7938.20020	267.38	57.8	48.830168	-86.933531	56164.22	56243.7	6.34	56170.56	56166.90625	56144.07173	56147.00781	504878.2	5408578.8
L4880.0	504878.2	5408576.9	7938.29981	266.56	57.8	48.830151	-86.933531	56164.16	56243.7	6.33	56170.49	56166.86719	56144.21017	56147.16016	504878.2	5408576.9
L4880.0	504878.2	5408576.9	7938.39990	267.40	59.55	48.830151	-86.933531	56164.05	56243.7	6.33	56170.38	56166.78906	56144.33350	56147.29297	504878.2	5408576.9
L4880.0	504878.2	5408575.0	7938.50000	268.91	59.55	48.830134	-86.933531	56164.36	56243.7	6.33	56170.69	56167.13281	56144.51856	56147.48828	504878.2	5408575.0
L4880.0	504878.2	5408573.6	7938.60010	268.72	65.16	48.830121	-86.933531	56165.21	56243.7	6.33	56171.54	56168.01172	56144.78597	56147.76953	504878.2	5408573.6
L4880.0	504878.2	5408572.1	7938.70020	267.07	65.16	48.830108	-86.933531	56164.96	56243.7	6.33	56171.28	56167.78125	56144.85177	56147.84375	504878.2	5408572.1
L4880.0	504878.2	5408572.1	7938.79981	267.11	67.76	48.830108	-86.933531	56165.46	56243.7	6.32	56171.79	56168.32422	56145.03690	56148.03906	504878.2	5408572.1
L4880.0	504878.2	5408570.2	7938.89990	266.66	68.12	48.830091	-86.933531	56165.38	56243.7	6.32	56171.70	56168.26172	56145.10525	56148.11719	504878.2	5408570.2
L4880.0	504878.3	5408568.5	7939.00000	266.34	68.12	48.830076	-86.933531	56165.04	56243.7	6.32	56171.36	56167.95313	56145.11642	56148.13672	504878.3	5408568.5
L4880.0	504878.3	5408568.5	7939.10010	266.31	67.49	48.830076	-86.933531	56164.91	56243.7	6.32	56171.23	56167.85156	56145.15054	56148.17969	504878.3	5408568.5
L4880.0	504878.3	5408566.9	7939.20020	267.85	67.49	48.830061	-86.933531	56165.04	56243.7	6.32	56171.36	56168.01172	56145.21708	56148.25391	504878.3	5408566.9
L4880.0	504878.3	5408565.2	7939.29981	266.23	63.46	48.830046	-86.933531	56165.64	56243.7	6.32	56171.97	56168.64844	56145.35507	56148.39844	504878.3	5408565.2
L4880.0	504878.3	5408565.2	7939.39990	267.17	64.65	48.830046	-86.933531	56165.54	56243.7	6.32	56171.87	56168.57813	56145.35760	56148.41016	504878.3	5408565.2
L4880.0	504878.3	5408563.3	7939.50000	268.81	64.65	48.830029	-86.933530	56165.82	56243.7	6.32	56172.15	56168.88281	56145.41658	56148.47656	504878.3	5408563.3
L4880.0	504878.3	5408561.7	7939.60010	265.92	64.65	48.830014	-86.933530	56166.33	56243.7	6.33	56172.66	56169.42188	56145.50486	56148.57031	504878.3	5408561.7
L4880.0	504878.3	5408560.4	7939.70020	265.45	60.21	48.830003	-86.933530	56166.33	56243.7	6.33	56172.66	56169.44922	56145.49512	56148.56641	504878.3	5408560.4
L4880.0	504878.3	5408558.9	7939.79981	264.85	68.14	48.829989	-86.933530	56166.56	56243.7	6.33	56172.89	56169.70313	56145.51382	56148.59375	504878.3	5408558.9
L4880.0	504878.3	5408558.9	7939.89990	265.14	68.14	48.829989	-86.933530	56166.90	56243.7	6.33	56173.23	56170.07031	56145.53815	56148.62109	504878.3	5408558.9
L4880.0	504878.3	5408557.0	7940.00000	264.11	68.14	48.829972	-86.933530	56167.30	56243.7	6.33	56173.63	56170.49609	56145.56453	56148.65234	504878.3	5408557.0
L4880.0	504878.4	5408555.1	7940.10010	265.54	70.71	48.829955	-86.933529	56167.34	56243.7	6.33	56173.67	56170.55859	56145.52601	56148.62109	504878.4	5408555.1
L4880.0	504878.4	5408555.1	7940.10010	265.54	70.71	48.829955	-86.933529	56166.99	56243.7	6.33	56173.32	56170.23438	56145.42236	56148.51953	504878.4	5408555.1
L4880.0	504878.4	5408553.5	7940.20020	268.28	69.78	48.829941	-86.933529	56166.74	56243.7	6.33	56173.07	56170.00781	56145.33833	56148.44141	504878.4	5408553.5
L4880.0	504878.4	5408552.4	7940.39990	267.28	69.78	48.829931	-86.933529	56166.73	56243.7	6.33	56173.05	56170.01172	56145.29673	56148.40234	504878.4	5408552.4
L4880.0	504878.4	5408550.8	7940.50000	268.63	63.39	48.829917	-86.933529	56166.84	56243.7	6.32	56173.16	56170.14453	56145.28330	56148.39063	504878.4	5408550.8
L4880.0	504878.4	5408549.5	7940.60010	264.84	63.39	48.829905	-86.933528	56166.36	56243.7	6.32	56172.68	56169.68750	56145.17957	56148.28906	504878.4	5408549.5
L4880.0	504878.4	5408548.1	7940.70020	265.25	71.44	48.829892	-86.933528	56166.34	56243.7	6.32	56172.67	56169.69922	56145.16066	56148.27344	504878.4	5408548.1
L4880.0	504878.4	5408548.1	7940.79981	267.32	71.44	48.829892	-86.933528	56165.53	56243.7	6.32	56171.85	56168.90234	56145.01508	56148.12891	504878.4	5408548.1
L4880.0	504878.5	5408546.4	7940.89990	267.59	73.19	48.829876	-86.933528	56165.19	56243.7	6.32	56171.51	56168.58203	56144.95632	56148.07422	504878.5	5408546.4
L4880.0	504878.5	5408545.2	7941.00000	268.23	73.15	48.829866	-86.933528	56165.62	56243.7	6.32	56171.94	56169.03516	56145.03584	56148.15234	504878.5	5408545.2
L4880.0	504878.5	5408543.6	7941.10010	266.42	73.15	48.829852	-86.933528	56165.70	56243.7	6.32	56172.02	56169.13281	56145.06622	56148.18359	504878.5	5408543.6
L4880.0	504878.5	5408542.3	7941.20020	267.26	72.5	48.829840	-86.933528	56165.80	56243.7	6.32	56172.12	56169.25391	56145.10853	56148.22656	504878.5	5408542.3
L4880.0	504878.5	5408542.3	7941.29981	265.07	72.5	48.829840	-86.933528	56165.44	56243.7	6.32	56171.76	56168.91406	56145.07573	56148.19141	504878.5	5408542.3
L4880.0	504878.5	5408540.8	7941.39990	266.41	72.93	48.829827	-86.933527	56165.34	56243.7	6.32	56171.66	56168.83203	56145.09121	56148.20703	504878.5	5408540.8
L4880.0	504878.5	5408539.0	7941.50000	265.96	72.93	48.829810	-86.933527	56165.37	56243.7	6.32	56171.69	56168.87891	56145.13085	56148.24609	504878.5	5408539.0
L4880.0	504878.5	5408539.0	7941.60010	266.25	73.05	48.829810	-86.933527	56165.06	56243.7	6.32	56171.38	56168.58984	56145.10473	56148.21875	504878.5	5408539.0
L4880.0	504878.6	5408537.2	7941.70020	265.68	73.05	48.829794	-86.933527	56164.84	56243.7	6.32	56171.16	56168.38672	56145.08741	56148.19922	504878.6	5408537.2
L4880.0	504878.6	5408535.9	7941.79981	264.79	73.27	48.829782	-86.933526	56164.53	56243.7	6.32	56170.85	56168.09375	56145.04260	56148.15234	504878.6	5408535.9
L4880.0	504878.6	5408534.5	7941.89990	267.19	71.11	48.829769	-86.933526	56164.31	56243.7	6.32	56170.63	56167.89063	56145.00489	56148.10938	504878.6	5408534.5
L4880.0	504878.6	5408534.5	7942.00000	267.02	74.22	48.829769	-86.933526	56163.84	56243.7	6.32	56170.16	56167.43750	56143.51530	56146.61719	504878.6	5408534.5
L4880.0	504878.7	5408533.1	7942.10010	267.45	74.22	48.829757	-86.933525	56163.88	56243.7	6.32	56170.20	56167.49219	56143.42859	56146.52734	504878.7	5408533.1
L4880.0	504878.7	5408533.1	7942.20020	267.98	75.01	48.829757	-86.933525	56163.75	56243.7	6.32	56170.07	56167.37500	56143.34225	56146.43750	504878.7	5408533.1
L4880.0	504878.8	5408530.4	7942.29981	269.59	75.5	48.829733	-86.933524	56163.14	56243.7	6.31	56169.46	56166.78125	56143.27913	56146.36719	504878.8	5408530.4
L4880.0	504878.8	5408528.9	7942.39990	269.55	75.5	48.829719	-86.933524	56162.76	56243.7	6.31	56169.07	56166.40625	56143.18155	56146.26563	504878.8	5408528.9
L4880.0	504878.8	5408528.9	7942.50000	268.25	70.67	48.829719	-86.933524	56162.20	56243.7	6.31	56168.51	56165.85938	56143.08025	56146.16016	504878.8	5408528.9
L4880.0	504878.8	5408527.3	7942.60010	269.40	70.67	48.829705	-86.933523	56162.10	56243.7	6.31	56168.41	56165.77344	56142.92674	56146.00000	504878.8	5408527.3
L4880.0	504878.9	5408526.1	7942.70020	270.30	69.96	48.829694	-86.933523	56161.63	56243.7	6.31	56167.94	56165.31641	56142.78139	56145.84766	504878.9	5408526.1

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4880.0	504878.9	5408524.5	7942.79981	269.14	69.96	48.829680	-86.933522	56161.11	56243.7	6.30	56167.42	56164.80859	56142.61788	56145.67578	504878.9	5408524.5
L4880.0	504878.9	5408524.5	7942.89990	268.07	73.99	48.829680	-86.933522	56160.56	56243.7	6.30	56166.87	56164.27344	56142.43248	56145.48438	504878.9	5408524.5
L4880.0	504878.9	5408522.6	7943.00000	266.28	69.6	48.829662	-86.933522	56160.54	56243.7	6.30	56166.84	56164.25391	56142.19155	56145.23438	504878.9	5408522.6
L4880.0	504879.0	5408521.1	7943.10010	266.73	69.6	48.829649	-86.933521	56159.88	56243.7	6.30	56166.18	56163.60547	56141.97634	56145.01172	504879.0	5408521.1
L4880.0	504879.0	5408521.1	7943.20020	266.10	72.26	48.829649	-86.933521	56159.40	56243.7	6.30	56165.70	56163.13672	56141.73224	56144.76172	504879.0	5408521.1
L4880.0	504879.0	5408518.3	7943.29981	267.75	72.26	48.829624	-86.933521	56159.05	56243.7	6.31	56165.36	56162.80859	56141.46298	56144.48047	504879.0	5408518.3
L4880.0	504879.0	5408518.3	7943.39990	266.70	72.08	48.829624	-86.933521	56158.98	56243.7	6.31	56165.29	56162.74609	56141.15814	56144.16797	504879.0	5408518.3
L4880.0	504879.0	5408516.7	7943.50000	267.11	72.08	48.829609	-86.933521	56158.46	56243.7	6.31	56164.77	56162.23828	56140.87091	56143.87109	504879.0	5408516.7
L4880.0	504879.1	5408515.0	7943.60010	265.00	73.15	48.829594	-86.933520	56158.28	56243.7	6.31	56164.59	56162.06641	56140.54351	56143.53125	504879.1	5408515.0
L4880.0	504879.1	5408515.0	7943.70020	266.26	71.22	48.829594	-86.933520	56157.68	56243.7	6.31	56163.99	56161.47656	56140.23683	56143.21484	504879.1	5408515.0
L4880.0	504879.1	5408513.3	7943.79981	267.91	73.68	48.829579	-86.933520	56157.30	56243.7	6.32	56163.61	56161.10547	56139.90233	56142.87109	504879.1	5408513.3
L4880.0	504879.1	5408511.8	7943.89990	266.55	73.68	48.829566	-86.933520	56156.41	56243.7	6.32	56162.73	56160.23438	56139.60363	56142.55859	504879.1	5408511.8
L4880.0	504879.1	5408511.8	7944.00000	268.42	73.68	48.829566	-86.933520	56155.40	56243.7	6.32	56161.72	56159.23438	56140.25658	56143.19922	504879.1	5408511.8
L4880.0	504879.0	5408510.5	7944.10010	267.96	75.95	48.829554	-86.933521	56154.90	56243.7	6.32	56161.22	56158.74219	56139.90949	56142.83984	504879.0	5408510.5
L4880.0	504879.0	5408509.2	7944.20020	269.31	64.09	48.829542	-86.933521	56154.39	56243.7	6.32	56160.71	56158.23828	56139.56537	56142.48438	504879.0	5408509.2
L4880.0	504879.0	5408507.8	7944.29981	268.94	74.69	48.829529	-86.933521	56154.08	56243.7	6.31	56160.40	56157.93750	56139.26693	56142.17188	504879.0	5408507.8
L4880.0	504879.0	5408507.8	7944.39990	265.93	74.69	48.829529	-86.933521	56153.09	56243.7	6.31	56159.41	56156.95313	56138.84404	56141.73828	504879.0	5408507.8
L4880.0	504879.0	5408505.9	7944.50000	265.41	76.52	48.829512	-86.933521	56152.63	56243.7	6.31	56158.93	56156.48047	56138.52598	56141.40625	504879.0	5408505.9
L4880.0	504879.0	5408504.4	7944.60010	267.18	76.52	48.829499	-86.933521	56153.15	56243.7	6.31	56159.46	56157.01563	56138.40617	56141.26953	504879.0	5408504.4
L4880.0	504879.0	5408503.0	7944.70020	268.49	77.78	48.829486	-86.933521	56152.60	56243.7	6.31	56158.90	56156.46094	56138.08220	56140.93359	504879.0	5408503.0
L4880.0	504878.9	5408501.1	7944.79981	267.17	77.78	48.829469	-86.933522	56151.89	56243.7	6.30	56158.19	56155.75781	56137.73262	56140.56641	504878.9	5408501.1
L4880.0	504878.9	5408501.1	7944.89990	266.03	77.18	48.829469	-86.933522	56150.24	56243.7	6.30	56156.54	56154.11328	56137.20689	56140.02734	504878.9	5408501.1
L4880.0	504878.9	5408498.9	7945.00000	267.00	77.18	48.829450	-86.933522	56149.41	56243.7	6.30	56155.71	56153.28906	56136.83934	56139.64453	504878.9	5408498.9
L4880.0	504878.9	5408497.5	7945.10010	266.12	71.64	48.829437	-86.933523	56148.85	56243.7	6.30	56155.15	56152.73438	56136.52518	56139.31250	504878.9	5408497.5
L4880.0	504878.9	5408496.1	7945.20020	266.09	79.25	48.829424	-86.933523	56148.60	56243.7	6.30	56154.90	56152.48828	56136.27245	56139.04297	504878.9	5408496.1
L4880.0	504878.8	5408494.6	7945.29981	265.40	79.25	48.829411	-86.933523	56148.29	56243.7	6.30	56154.60	56152.19531	56136.01255	56138.76563	504878.8	5408494.6
L4880.0	504878.8	5408494.6	7945.39990	267.94	79.25	48.829411	-86.933523	56147.36	56243.7	6.30	56153.66	56151.26172	56135.63045	56138.36719	504878.8	5408494.6
L4880.0	504878.8	5408494.6	7945.50000	265.65	82	48.829411	-86.933523	56146.86	56243.7	6.31	56153.16	56150.76563	56135.33308	56138.05469	504878.8	5408494.6
L4880.0	504878.8	5408492.7	7945.60010	264.41	71.65	48.829394	-86.933524	56146.09	56243.7	6.31	56152.40	56150.00781	56134.98310	56137.68359	504878.8	5408492.7
L4880.0	504878.8	5408491.3	7945.70020	264.95	71.65	48.829381	-86.933524	56145.18	56243.7	6.31	56151.49	56149.10156	56134.60047	56137.28516	504878.8	5408491.3
L4880.0	504878.8	5408489.8	7945.79981	264.39	70.98	48.829368	-86.933524	56144.18	56243.7	6.31	56150.48	56148.09766	56134.19405	56136.85938	504878.8	5408489.8
L4880.0	504878.8	5408489.8	7945.89990	268.28	70.98	48.829368	-86.933524	56142.96	56243.7	6.31	56149.27	56146.89063	56133.74320	56136.39063	504878.8	5408489.8
L4880.0	504878.8	5408488.4	7946.00000	268.93	70.62	48.829355	-86.933525	56142.98	56243.7	6.31	56149.29	56146.91406	56133.37654	56136.00391	504878.8	5408488.4
L4880.0	504878.7	5408486.7	7946.10010	267.90	74.1	48.829340	-86.933525	56143.08	56243.7	6.31	56149.39	56147.01953	56133.00208	56135.61328	504878.7	5408486.7
L4880.0	504878.7	5408485.1	7946.20020	269.42	74.1	48.829325	-86.933525	56142.91	56243.7	6.31	56149.22	56146.85156	56132.64759	56135.23828	504878.7	5408485.1
L4880.0	504878.7	5408485.1	7946.29981	270.34	86.42	48.829325	-86.933525	56142.67	56243.7	6.31	56148.98	56146.61719	56132.29403	56134.86328	504878.7	5408485.1
L4880.0	504878.7	5408483.6	7946.39990	269.50	80.13	48.829312	-86.933525	56141.75	56243.7	6.31	56148.06	56145.69922	56131.99314	56134.54297	504878.7	5408483.6
L4880.0	504878.7	5408482.1	7946.50000	268.28	85.33	48.829299	-86.933526	56140.61	56243.7	6.32	56146.92	56144.56250	56131.70502	56134.23438	504878.7	5408482.1
L4880.0	504878.7	5408480.6	7946.60010	267.42	85.33	48.829284	-86.933526	56139.31	56243.7	6.32	56145.63	56143.27734	56131.42766	56133.93750	504878.7	5408480.6
L4880.0	504878.7	5408479.4	7946.70020	266.44	85.33	48.829274	-86.933526	56138.83	56243.7	6.32	56145.14	56142.78906	56131.08004	56133.57031	504878.7	5408479.4
L4880.0	504878.7	5408478.2	7946.79981	263.91	86.43	48.829263	-86.933526	56139.04	56243.7	6.32	56145.36	56143.01172	56130.67141	56133.14063	504878.7	5408478.2
L4880.0	504878.7	5408478.2	7946.89990	263.82	85.44	48.829263	-86.933526	56137.37	56243.7	6.32	56143.69	56141.34766	56130.43481	56132.88281	504878.7	5408478.2
L4880.0	504878.7	5408476.9	7947.00000	267.23	85.44	48.829251	-86.933526	56136.86	56243.7	6.32	56143.18	56140.83984	56130.10284	56132.53125	504878.7	5408476.9
L4880.0	504878.6	5408475.1	7947.10010	268.14	89.08	48.829235	-86.933527	56136.05	56243.7	6.32	56142.36	56140.02344	56129.80922	56132.21484	504878.6	5408475.1
L4880.0	504878.6	5408473.7	7947.20020	267.12	89.08	48.829222	-86.933527	56136.21	56243.7	6.32	56142.52	56140.18750	56129.44020	56131.82422	504878.6	5408473.7
L4880.0	504878.6	5408473.7	7947.29981	268.64	89.5	48.829222	-86.933527	56135.82	56243.7	6.31	56142.13	56139.80078	56129.12623	56131.48828	504878.6	5408473.7
L4880.0	504878.6	5408472.3	7947.39990	266.84	89.91	48.829210	-86.933527	56135.47	56243.7	6.31	56141.78	56139.45703	56128.81196	56131.15234	504878.6	5408472.3
L4880.0	504878.5	5408470.7	7947.50000	266.11	90.1	48.829196	-86.933528	56134.86	56243.7	6.31	56141.17	56138.84766	56128.51573	56130.83594	504878.5	5408470.7
L4880.0	504878.5	5408469.1	7947.60010	266.13	90.1	48.829181	-86.933528	56134.18	56243.7	6.31	56140.49	56138.17188	56128.21946	56130.51563	504878.5	5408469.1
L4880.0	504878.5	5408467.6	7947.70020	267.12	68.72	48.829168	-86.933529	56133.44	56243.7	6.31	56139.75	56137.43750	56127.91912	56130.19531	504878.5	5408467.6
L4880.0	504878.5	5408467.6	7947.79981	266.28	68.72	48.829168	-86.933529	56132.88	56243.7	6.30	56139.19	56136.88281	56127.59289	56129.84766	504878.5	5408467.6
L4880.0	504878.4	5408466.1	7947.89990	266.47	69.94	48.829154	-86.933529	56131.88	56243.7	6.30	56138.18	56135.87500	56127.28847	56129.51953	504878.4	5408466.1
L4880.0	504878.4	5408464.7	7948.00000	266.73	69.94	48.829141	-86.933530	56131.27	56243.7	6.30	56137.57	56135.26953	56126.94706	56129.15625	504878.4	5408464.7
L4880.0	504878.4	5408462.7	7948.10010	268.66	68.62	48.829124	-86.933530	56131.04	56243.7	6.30	56137.34	56135.04688	56126.57020	56128.75781	504878.4	5408462.7
L4880.0	504878.4	5408461.6	7948.20020	269.00	68.62	48.829113	-86.933530	56130.64	56243.7	6.30	56136.95	56134.66016	56126.19962	56128.36719	504878.4	5408461.6
L4880.0	504878.4	5408461.6	7948.29981	270.62	69.55	48.829113	-86.933530	56130.64	56243.7	6.30	56136.94	56134.65625	56125.79246	56127.93750	504878.4	5408461.6
L4880.0	504878.3	5408459.6	7948.39990	271.30	69.55	48.829096	-86.933531	56130.38	56243.7	6.30	56136.68	56134.40234	56125.29526	56127.41797	504878.3	5408459.6
L4880.0	504878.3	5408458.2	7948.50000	273.02	68.19	48.829084	-86.933532	56129.48	56243.7	6.30	56135.78	56133.50781	56124.82741	56126.92578	504878.3	5408458.2
L4880.0	504878.3	5408458.2	7948.60010	271.25	68.75	48.829084	-86.933532	56128.66	56243.7	6.30	56134.96	56132.69141	56124.37732	56126.45313	504878.3	5408458.2
L4880.0	504878.3	5408456.6	7948.70020	270.37	68.75	48.829069	-86.933532	56128.48	56243.7	6.30	56134.78	56132.51953	56124.05060	56126.10547	504878.3	5408456.6
L4880.0	504878.2	5408455.0	7948.79981	268.51	79.83	48.829055	-86.933532	56127.93	56243.7	6.30	56134.23	56131.97656	56123.65498	56125.68750	504878.2	5408455.0
L4880.0	504878.2	5408455.0	7948.89990	266.55	75.87	48.829055	-86.933532	56127.46	56243.7	6.30	56133.76	56131.51172	56123.27686	56125.28906	504878.2	5408455.0
L4880.0	504878.2	5408453.1	7949.00000	265.55	75.87	48.829038	-86.933533	56127.47	56243.7	6.30	56133.77	56131.53125	56122.98639	56124.97656	504878.2	5408453.1
L4880.0	504878.2	5408452.3	7949.10010	264.09	70.67	48.829030	-86.933533	56127.66	56243.7	6.30	56133.96	56131.72656	56122.72754	56124.69531	504878.2	5408452.3
L4880.0	504878.1	5408450.7	7949.20020	261.63	72.37	48.829016	-86.933534	56127.45	56243.7	6.30	56133.74	56131.51563	56122.40071	56124.34766	504878.1	5408450.7
L4880.0	504878.1	5408450.7	7949.29981	262.15	72.37	48.829016	-86.933534	56126.42	56243.7	6.29	56132.71	56130.49219	56121.94613	56123.87109	504878.1	5408450.7
L4880.0	504878.1	5408449.1	7949.39990	261.76	71.72	48.829001	-86.933534	56125.27	56243.7	6.29	56131.57	56129.36328	56121.48406	56123.39063	504878.1	5408449.1
L4880.0	504878.1	5408447.6	7949.50000	263.25	80.6	48.828988	-86.933534	56124.94	56243.7	6.29	56131.23	56129.03125	56121.15827	56123.04297	504878.1	5408447.6
L4880.0	504878.1	5408446.2	7949.60010	263.69	80.6	48.828975	-86.933535	56124.65	56243.7	6.29	56130.94	56128.75000	56120.84829	56122.71094	504878.1	5408446.2
L4880.0	504878.1	5408446.2	7949.70020	264.22	90.42	48.828975	-86.933535	56124.62	56243.7	6.29	56130.90	56128.71875	56120.58621	56122.42969	504878.1	5408446.2
L4880.0	504878.0	5408444.2	7949.79981	265.49	88.3	48.828957	-86.933535	56123.64	56243.7	6.28	56129.92	56127.75000	56120.19182	56122.01563	504878.0	5408444.2
L4880.0	504878.0	5408442.7	7949.89990	265.73	88.3	48.828944	-86.933535	56123.23	56243.7	6.28	56129.51	56127.35156	56119.89706	56121.69922	504878.0	5408442.7
L4880.0	504878.0	5408441.4	7950.00000	265.21	81.68	48.828932	-86.933536	56123.24	56243.7	6.28	56129.52	56127.37109	56119.68018	56121.46484	504878.0	5408441.4
L4880.0	504878.0	5408440.0	7950.10010	265.42	81.68	48.828920	-86.933536	56122.92	56243.7	6.28	56129.20	56127.06250	56119.42835	56121.19141	504878.0	5408440.0
L4880.0	504878.0	5408438.8	7950.20020	265.42	84.72	48.828909	-86.933536	56122.73	56243.7	6.28	56129.01	56126.88672	56119.20954	56120.95313	504878.0	5408438.8
L4880.0	504878.0	5408438.8	7950.29981	269.20	86.22	48.828909	-86.933536	56122.21	56243.7	6.28	56128.50	56126.39063	56118.94883	56120.67578	504878.0	5408438.8
L4880.0	504878.0	5408437.1	7950.39990	269.30	86.22	48.828894	-86.933536	56121.96	56243.7	6.28	56128.24	56126.14063	56118.73466	56120.44141	504878.0	5408437.1
L4880.0	504878.0	5408435.6	7950.50000	269.36	89.1	48.828880	-86.933535	56121.48	56243.7	6.29	56127.77	56125.68750	56118.48645	56120.17578	504878.0	5408435.6
L4880.0	504878.0	5408434.0	7950.60010	269.08	86.27	48.828866	-86.933535	56120.96	56243.7	6.29	56127.25	56125.17969	56118.22789	56119.89844	504878.0	5408434.0
L4880.0	504878.0	5408434.0	7950.70020	268.06	86.27	48.828866	-86.933535	56121.46	56243.7	6.29	56127.74	56125.68359	56118.15088	56119.80469	504878.0	5408434.0
L4880.0	504878.1	5408432.2	7950.79981	266.93	86.18	48.828849	-86.933535	56120.68	56243.7	6.29	56126.96	56124.92188	56117.83530	56119.47266	504878.1	5408432.2
L4880.0	504878.1	5408430.6	7950.89990	267.97	86.18	48.828835	-86.933535	56120.46	56243.7	6.29	56126.75	56124.72656	56117.61933	56119.23828	504878.1	5408430.6
L4880.0	504878.1	5408430.6	7951.00000	268.10	86.01	48.828835	-86.933535	56120.34	56243.7	6.29	56126.63	56124.62500	56117.41591	56119.01953	504878.1	5408430.6
L4880.0	504878.1	5408427.5	7951.10010	268.39	86.01	48.828807	-86.933534	56120.29	56243.7	6.29	56126.58	56124.58984	56117.22227	56118.81250	504878.1	5408427.5
L4880.0	504878.1	5408427.5	7951.20020	268.93	82.22	48.828807	-86.933534	56120.22	56243.7	6.29	56126.51	56124.53906	56117.02045	56118.59375	504878.1	5408427.5
L4880.0	504878.1	5408426.0	7951.29981	266.46	82.22	48.828793	-86.933534	56119.54	56243.7	6.29	56125.83	56123.87500	56116.94520	56118.50391	504878.1	5408426.0
L4880.0	504878.2	5408424.5	7951.39990	265.88	85.08	48.828780	-86.933534	56119.58	56243.7	6.29	56125.87	56123.93750	56116.66321	56118.20703	504878.2	5408424.5
L4880.0	504878.2	5408424.5	7951.50000	267.11	86.71	48.828780	-86.933534	56119.44	56243.7	6.29	56125.73	56123.81641	56116.39415	56117.92188	504878.2	5408424.5
L4880.0	504878.2	5408423.1	7951.60010	267.07	86.71	48.828767	-86.933533	56119.36	56243.7	6.29	56125.65	56123.75781	56116.11641	56117.63281	504878.2	5408423.1
L4880.0	504878.2	5408421.3	7951.70020	267.70	85.46	48.828752	-86.933533	56119.68	56243.7	6.29	56125.97	56124.09766	56115.80025	56117.30469	504878.2	5408421.3
L4880.0	504878.2	5408419.8	7951.79981	266.80	85.46	48.828737	-86.933533	56119.20	56243.7	6.29	56125.49	56123.64063	56115.54911	56117.03906	504878.2	5408419.8
L4880.0	504878.2	5408419.8	7951.89990	267.20	84.3	48.828737	-86.933533	56118.98	56243.7	6.29	56125.27	56123.44141	56115.27050	56116.75000	504878.2	5408419.8
L4880.0	504878.2	5408418.3	7952.00000	267.15	84.3	48.828725	-86.933533	56118.90	56243.7	6.29	56125.19	56123.38672	56114.97461	56116.44141	504878.2	5408418.3

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4880.0	504878.3	5408416.9	7952.10010	268.77	86.96	48.828712	-86.933532	56118.82	56243.7	6.29	56125.11	56123.32813	56114.83851	56116.29297	504878.3	5408416.9
L4880.0	504878.3	5408415.2	7952.20020	267.55	86.96	48.828696	-86.933532	56118.78	56243.7	6.29	56125.07	56123.31641	56114.59267	56116.03906	504878.3	5408415.2
L4880.0	504878.3	5408415.2	7952.29981	267.39	84.29	48.828696	-86.933532	56118.92	56243.7	6.29	56125.21	56123.48047	56114.37573	56115.81250	504878.3	5408415.2
L4880.0	504878.3	5408413.7	7952.39990	268.67	86.41	48.828683	-86.933532	56118.40	56243.7	6.29	56124.69	56122.98828	56114.02540	56115.45313	504878.3	5408413.7
L4880.0	504878.3	5408412.2	7952.50000	269.03	89.92	48.828669	-86.933532	56118.09	56243.7	6.29	56124.38	56122.70313	56113.71076	56115.12891	504878.3	5408412.2
L4880.0	504878.3	5408412.2	7952.60010	268.10	89.92	48.828669	-86.933532	56117.63	56243.7	6.29	56123.92	56122.27344	56113.36319	56114.77344	504878.3	5408412.2
L4880.0	504878.3	5408410.9	7952.70020	268.94	92.13	48.828658	-86.933531	56117.89	56243.7	6.29	56124.18	56122.55859	56113.14167	56114.54297	504878.3	5408410.9
L4880.0	504878.4	5408407.8	7952.79981	267.77	92.13	48.828630	-86.933531	56116.85	56243.7	6.29	56123.14	56121.55078	56112.68335	56114.07813	504878.4	5408407.8
L4880.0	504878.4	5408407.8	7952.89990	267.59	92.13	48.828630	-86.933531	56116.88	56243.7	6.29	56123.17	56121.60938	56112.41305	56113.80078	504878.4	5408407.8
L4880.0	504878.4	5408406.6	7953.00000	265.38	84.46	48.828619	-86.933531	56116.96	56243.7	6.29	56123.25	56121.72266	56112.14823	56113.53125	504878.4	5408406.6
L4880.0	504878.4	5408406.6	7953.10010	262.83	84.1	48.828619	-86.933531	56116.85	56243.7	6.29	56123.14	56121.64453	56111.85095	56113.23047	504878.4	5408406.6
L4880.0	504878.4	5408404.9	7953.20020	263.10	86.88	48.828604	-86.933531	56116.57	56243.7	6.29	56122.86	56121.39453	56111.52875	56112.90234	504878.4	5408404.9
L4880.0	504878.4	5408403.5	7953.29981	263.60	86.88	48.828591	-86.933530	56116.02	56243.7	6.29	56122.31	56120.87891	56111.16994	56112.53906	504878.4	5408403.5
L4880.0	504878.4	5408402.1	7953.39990	266.60	83.52	48.828578	-86.933530	56116.22	56243.7	6.29	56122.51	56121.11328	56110.93511	56112.30469	504878.4	5408402.1
L4880.0	504878.4	5408400.4	7953.50000	266.38	83.52	48.828563	-86.933530	56115.46	56243.7	6.29	56121.75	56120.39063	56110.56262	56111.92969	504878.4	5408400.4
L4880.0	504878.4	5408400.4	7953.60010	265.15	82.55	48.828563	-86.933530	56115.46	56243.7	6.29	56121.75	56120.42578	56110.31542	56111.67969	504878.4	5408400.4
L4880.0	504878.4	5408399.0	7953.70020	263.15	82.55	48.828551	-86.933530	56115.04	56243.7	6.29	56121.33	56120.04297	56110.01606	56111.37891	504878.4	5408399.0
L4880.0	504878.5	5408397.3	7953.79981	263.84	87.19	48.828536	-86.933530	56115.02	56243.7	6.29	56121.31	56120.06250	56109.78832	56111.15234	504878.5	5408397.3
L4880.0	504878.5	5408396.1	7953.89990	264.20	88.18	48.828525	-86.933530	56115.04	56243.7	6.29	56121.33	56120.12109	56109.57833	56110.94141	504878.5	5408396.1
L4880.0	504878.5	5408394.7	7954.00000	263.36	88.18	48.828512	-86.933530	56114.75	56243.7	6.29	56121.04	56119.87109	56109.33199	56110.69531	504878.5	5408394.7
L4880.0	504878.5	5408394.7	7954.10010	263.52	87.14	48.828512	-86.933530	56114.61	56243.7	6.29	56120.90	56119.76953	56109.11830	56110.48438	504878.5	5408394.7
L4880.0	504878.5	5408393.0	7954.20020	264.03	88.33	48.828497	-86.933530	56114.22	56243.7	6.29	56120.51	56119.42188	56108.87274	56110.24219	504878.5	5408393.0
L4880.0	504878.5	5408391.3	7954.29981	265.03	88.33	48.828481	-86.933530	56113.69	56243.7	6.29	56119.98	56118.93359	56108.60860	56109.98047	504878.5	5408391.3
L4880.0	504878.5	5408389.5	7954.39990	265.43	88.33	48.828465	-86.933530	56113.87	56243.7	6.29	56120.16	56119.15625	56108.46657	56109.84375	504878.5	5408389.5
L4880.0	504878.5	5408389.5	7954.50000	267.43	89.67	48.828465	-86.933530	56113.89	56243.7	6.29	56120.19	56119.23047	56108.30422	56109.68359	504878.5	5408389.5
L4880.0	504878.5	5408388.1	7954.60010	266.86	92.68	48.828452	-86.933529	56113.42	56243.7	6.30	56119.71	56118.79688	56108.05202	56109.43750	504878.5	5408388.1
L4880.0	504878.5	5408386.7	7954.70020	269.66	92.68	48.828440	-86.933529	56113.21	56243.7	6.30	56119.50	56118.63281	56107.84449	56109.23438	504878.5	5408386.7
L4880.0	504878.5	5408385.0	7954.79981	268.87	98.18	48.828424	-86.933529	56112.86	56243.7	6.30	56119.16	56118.33984	56107.60679	56109.00391	504878.5	5408385.0
L4880.0	504878.5	5408385.0	7954.89990	269.54	89.44	48.828424	-86.933529	56112.24	56243.7	6.30	56118.54	56117.76563	56107.30539	56108.71094	504878.5	5408385.0
L4880.0	504878.5	5408383.5	7955.00000	272.66	89.44	48.828411	-86.933529	56112.10	56243.7	6.30	56118.40	56117.67578	56107.08539	56108.50000	504878.5	5408383.5
L4880.0	504878.5	5408381.8	7955.10010	271.01	93.24	48.828396	-86.933529	56111.87	56243.7	6.30	56118.17	56117.49609	56106.24727	56107.66797	504878.5	5408381.8
L4880.0	504878.5	5408381.8	7955.20020	270.22	89.73	48.828396	-86.933529	56111.54	56243.7	6.30	56117.84	56117.21484	56105.96425	56107.39453	504878.5	5408381.8
L4880.0	504878.5	5408380.2	7955.29981	269.26	89.73	48.828382	-86.933529	56111.34	56243.7	6.30	56117.64	56117.06641	56105.65202	56107.09375	504878.5	5408380.2
L4880.0	504878.5	5408378.5	7955.39990	267.44	88.39	48.828367	-86.933529	56111.18	56243.7	6.30	56117.48	56116.96094	56105.31731	56106.76953	504878.5	5408378.5
L4880.0	504878.5	5408377.3	7955.50000	266.11	88.39	48.828356	-86.933529	56110.86	56243.7	6.29	56117.15	56116.68359	56104.97685	56106.44141	504878.5	5408377.3
L4880.0	504878.6	5408376.0	7955.60010	266.23	94.52	48.828343	-86.933529	56110.13	56243.7	6.29	56116.42	56116.00781	56105.22192	56106.69922	504878.6	5408376.0
L4880.0	504878.6	5408376.0	7955.70020	265.89	94.52	48.828343	-86.933529	56110.14	56243.7	6.29	56116.44	56116.08203	56104.91887	56106.40625	504878.6	5408376.0
L4880.0	504878.6	5408374.1	7955.79981	266.58	90.32	48.828327	-86.933529	56109.59	56243.7	6.29	56115.89	56115.58594	56104.48846	56105.98828	504878.6	5408374.1
L4880.0	504878.6	5408372.3	7955.89990	267.32	90.32	48.828310	-86.933529	56109.09	56243.7	6.29	56115.38	56115.13281	56104.05415	56105.57031	504878.6	5408372.3
L4880.0	504878.6	5408370.9	7956.00000	267.35	81.33	48.828298	-86.933528	56109.26	56243.7	6.29	56115.55	56115.36328	56103.73243	56105.26172	504878.6	5408370.9
L4880.0	504878.6	5408369.5	7956.10010	267.65	81.33	48.828285	-86.933528	56108.68	56243.7	6.29	56114.98	56114.85156	56103.26867	56104.81641	504878.6	5408369.5
L4880.0	504878.6	5408369.5	7956.20020	266.57	92.95	48.828285	-86.933528	56108.48	56243.7	6.29	56114.77	56114.69922	56102.86194	56104.42188	504878.6	5408369.5
L4880.0	504878.6	5408367.7	7956.29981	265.67	92.95	48.828269	-86.933528	56108.38	56243.7	6.29	56114.67	56114.66016	56102.46797	56104.04688	504878.6	5408367.7
L4880.0	504878.6	5408366.4	7956.39990	265.08	92.6	48.828257	-86.933528	56107.45	56243.7	6.29	56113.74	56113.79297	56101.94505	56103.53906	504878.6	5408366.4
L4880.0	504878.7	5408364.6	7956.50000	265.83	92.6	48.828241	-86.933527	56106.58	56243.7	6.29	56112.88	56112.99219	56101.44269	56103.05469	504878.7	5408364.6
L4880.0	504878.7	5408363.5	7956.60010	264.88	95.93	48.828231	-86.933527	56106.47	56243.7	6.30	56112.77	56112.94531	56101.05669	56102.68750	504878.7	5408363.5
L4880.0	504878.7	5408363.5	7956.70020	263.21	95.02	48.828231	-86.933527	56106.51	56243.7	6.30	56112.81	56113.05078	56100.69524	56102.34766	504878.7	5408363.5
L4880.0	504878.7	5408361.8	7956.79981	263.58	95.02	48.828216	-86.933527	56106.16	56243.7	6.30	56112.45	56112.75391	56100.28641	56101.95703	504878.7	5408361.8
L4880.0	504878.7	5408361.8	7956.89990	265.33	94.02	48.828216	-86.933527	56106.28	56243.7	6.30	56112.58	56112.94922	56099.94997	56101.64063	504878.7	5408361.8
L4880.0	504878.7	5408360.3	7957.00000	265.49	96.14	48.828203	-86.933526	56105.39	56243.7	6.30	56111.70	56112.13672	56099.49377	56101.20703	504878.7	5408360.3
L4880.0	504878.8	5408358.2	7957.10010	262.72	96.14	48.828184	-86.933526	56104.78	56243.7	6.30	56111.08	56111.58203	56099.08260	56100.81641	504878.8	5408358.2
L4880.0	504878.8	5408356.7	7957.20020	263.90	97.16	48.828170	-86.933526	56104.39	56243.7	6.30	56110.69	56111.26172	56098.71195	56100.46875	504878.8	5408356.7
L4880.0	504878.8	5408356.7	7957.29981	261.87	97.16	48.828170	-86.933526	56103.46	56243.7	6.30	56109.76	56110.39844	56098.28534	56100.06250	504878.8	5408356.7
L4880.0	504878.8	5408355.0	7957.39990	263.10	100.56	48.828155	-86.933526	56103.00	56243.7	6.30	56109.30	56110.00781	56097.92959	56099.73047	504878.8	5408355.0
L4880.0	504878.8	5408353.3	7957.50000	263.65	100.56	48.828140	-86.933526	56102.89	56243.7	6.30	56109.19	56109.96875	56097.63201	56099.45703	504878.8	5408353.3
L4880.0	504878.8	5408353.3	7957.60010	264.35	97.92	48.828140	-86.933526	56102.43	56243.7	6.30	56108.73	56109.58203	56097.30138	56099.14844	504878.8	5408353.3
L4880.0	504878.8	5408351.4	7957.70020	264.87	97.92	48.828123	-86.933525	56102.36	56243.7	6.30	56108.66	56109.58203	56097.03704	56098.91016	504878.8	5408351.4
L4880.0	504878.8	5408349.7	7957.79981	264.52	90.46	48.828107	-86.933525	56101.77	56243.7	6.30	56108.07	56109.06641	56096.71049	56098.60938	504878.8	5408349.7
L4880.0	504878.8	5408348.3	7957.89990	263.55	90.46	48.828094	-86.933526	56101.48	56243.7	6.30	56107.78	56108.84766	56096.43767	56098.35938	504878.8	5408348.3
L4880.0	504878.8	5408348.3	7958.00000	265.39	92.97	48.828094	-86.933526	56101.21	56243.7	6.30	56107.51	56108.65234	56096.17835	56098.12500	504878.8	5408348.3
L4880.0	504878.8	5408346.6	7958.10010	267.42	97.7	48.828079	-86.933526	56101.07	56243.7	6.30	56107.37	56108.58594	56095.95091	56097.92578	504878.8	5408346.6
L4880.0	504878.8	5408345.1	7958.20020	265.26	97.7	48.828066	-86.933526	56101.02	56243.7	6.30	56107.32	56108.60938	56095.75093	56097.75000	504878.8	5408345.1
L4880.0	504878.8	5408345.1	7958.29981	266.04	87.6	48.828066	-86.933526	56100.01	56243.7	6.30	56106.31	56107.67578	56095.37620	56097.40234	504878.8	5408345.1
L4880.0	504878.8	5408343.4	7958.39990	263.92	87.6	48.828051	-86.933526	56100.03	56243.7	6.30	56106.34	56107.78125	56094.05527	56096.10938	504878.8	5408343.4
L4880.0	504878.7	5408342.0	7958.50000	267.04	92.86	48.828038	-86.933527	56099.04	56243.7	6.31	56105.35	56106.87109	56093.82011	56095.90234	504878.7	5408342.0
L4880.0	504878.7	5408342.0	7958.60010	268.28	92.89	48.828038	-86.933527	56098.46	56243.7	6.31	56104.76	56106.35547	56093.54548	56095.65625	504878.7	5408342.0
L4880.0	504878.7	5408340.6	7958.70020	268.48	92.89	48.828025	-86.933527	56097.18	56243.7	6.31	56103.48	56105.15625	56093.28842	56095.42578	504878.7	5408340.6
L4880.0	504878.7	5408339.1	7958.79981	271.55	99.13	48.828012	-86.933527	56096.82	56243.7	6.31	56103.13	56104.88281	56092.98294	56095.14844	504878.7	5408339.1
L4880.0	504878.6	5408337.3	7958.89990	271.74	99.13	48.827996	-86.933528	56097.02	56243.7	6.31	56103.33	56105.16406	56092.67455	56094.87109	504878.6	5408337.3
L4880.0	504878.6	5408336.0	7959.00000	271.01	100.99	48.827984	-86.933528	56096.82	56243.7	6.31	56103.13	56105.04297	56092.37406	56094.59766	504878.6	5408336.0
L4880.0	504878.6	5408334.8	7959.10010	272.22	101.69	48.827973	-86.933529	56095.90	56243.7	6.31	56102.21	56104.20313	56092.05020	56094.30469	504878.6	5408334.8
L4880.0	504878.6	5408333.3	7959.20020	271.93	101.69	48.827960	-86.933529	56094.85	56243.7	6.31	56101.15	56103.22266	56091.69319	56093.97656	504878.6	5408333.3
L4880.0	504878.6	5408333.3	7959.29981	273.77	99.24	48.827960	-86.933529	56093.86	56243.7	6.30	56100.16	56102.31641	56091.30850	56093.62109	504878.6	5408333.3
L4880.0	504878.5	5408332.1	7959.39990	273.62	99.24	48.827949	-86.933530	56093.48	56243.7	6.30	56099.78	56102.01563	56090.93621	56093.28125	504878.5	5408332.1
L4880.0	504878.5	5408330.4	7959.50000	272.48	97.31	48.827934	-86.933530	56092.21	56243.7	6.30	56098.51	56100.82813	56090.47739	56092.85156	504878.5	5408330.4
L4880.0	504878.5	5408328.7	7959.60010	274.19	96.57	48.827919	-86.933530	56092.32	56243.7	6.30	56098.62	56101.01953	56090.10795	56092.51172	504878.5	5408328.7
L4880.0	504878.5	5408327.4	7959.70020	273.29	96.57	48.827907	-86.933531	56091.81	56243.7	6.30	56098.11	56100.59375	56089.66952	56092.10547	504878.5	5408327.4
L4880.0	504878.5	5408327.4	7959.79981	274.67	96.67	48.827907	-86.933531	56091.48	56243.7	6.29	56097.77	56100.33594	56089.22857	56091.69531	504878.5	5408327.4
L4880.0	504878.4	5408325.6	7959.89990	276.03	96.3	48.827891	-86.933531	56089.81	56243.7	6.29	56096.10	56098.75000	56088.62648	56091.12109	504878.4	5408325.6
L4880.0	504878.4	5408324.2	7960.00000	273.65	96.3	48.827878	-86.933531	56088.27	56243.7	6.29	56094.56	56097.29297	56088.01206	56090.53906	504878.4	5408324.2
L4880.0	504878.4	5408324.2	7960.10010	274.96	97.13	48.827878	-86.933531	56087.70	56243.7	6.29	56093.99	56096.80469	56087.48512	56090.04297	504878.4	5408324.2
L4880.0	504878.4	5408322.8	7960.20020	274.96	97.13	48.827865	-86.933531	56087.31	56243.7	6.29	56093.60	56096.50000	56086.96236	56089.55078	504878.4	5408322.8
L4880.0	504878.4	5408321.3	7960.29981	274.86	96	48.827851	-86.933531	56087.26	56243.7	6.29	56093.55	56096.53125	56086.46101	56089.07813	504878.4	5408321.3
L4880.0	504878.4	5408319.5	7960.39990	274.48	96	48.827835	-86.933531	56086.50	56243.7	6.29	56092.79	56095.85547	56085.86725	56088.51563	504878.4	5408319.5
L4880.0	504878.4	5408319.5	7960.50000	272.73	98.8	48.827835	-86.933531	56085.74	56243.7	6.29	56092.03	56095.17969	56085.26130	56087.94141	504878.4	5408319.5
L4880.0	504878.5	5408317.3	7960.60010	273.28	98.8	48.827816	-86.933530	56084.45	56243.7	6.30	56090.74	56093.97656	56084.59382	56087.30469	504878.5	5408317.3
L4880.0	504878.5	5408316.0	7960.70020	275.12	98.92	48.827804	-86.933530	56083.62	56243.7	6.30	56089.92	56093.23828	56083.96539	56086.70703	504878.5	5408316.0
L4880.0	504878.6	5408314.3	7960.79981	273.15	97.98	48.827789	-86.933529	56082.86	56243.7	6.30	56089.16	56092.56250	56083.33457	56086.10547	504878.6	5408314.3
L4880.0	504878.6	5408314.3	7960.89990	273.74	97.98	48.827789	-86.933529	56082.07	56243.7	6.30	56088.37	56091.85547	56082.69445	56085.49609	504878.6	5408314.3
L4880.0	504878.6	5408312.7	7961.00000	271.38	102.84	48.827774	-86.933529	56081.41	56243.7	6.30	56087.71	56091.28125	56082.05682	56084.89063	504878.6	5408312.7
L4880.0	504878.6	5408311.6	7961.10010	270.29	102.84	48.827764	-86.933528	56080.73	56243.7	6.30	56087.04	56090.69531	56081.41132	56084.27344	504878.6	5408311.6
L4880.0	504878.7	5408310.0	7961.20020	270.86	102.63	48.827750	-86.933528	56080.43	56243.7	6.30	56086.73	56090.46875	56080.77395	56083.66797	504878.7	5408310.0
L4880.0	504878.7	5408310.0	7961.29981	270.98	102.63	48.827750	-86.933528	56079.59	56243.7	6.31	56085.90	56089.72266	56080.10765	56083.03125	504878.7	5408310.0

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4880.0	504878.7	5408308.6	7961.39990	270.20	103.28	48.827737	-86.933527	56079.09	56243.7	6.31	56085.40	56089.30859	56079.44562	56082.39844	504878.7	5408308.6
L4880.0	504878.7	5408307.0	7961.50000	270.08	103.28	48.827723	-86.933527	56078.18	56243.7	6.31	56084.49	56088.48047	56078.77359	56081.75781	504878.7	5408307.0
L4880.0	504878.7	5408307.0	7961.60010	268.92	87.78	48.827723	-86.933527	56077.70	56243.7	6.31	56084.01	56088.08203	56078.10004	56081.11328	504878.7	5408307.0
L4880.0	504878.8	5408305.3	7961.70020	269.31	87.29	48.827708	-86.933527	56076.36	56243.7	6.31	56082.67	56086.82813	56077.43822	56080.48047	504878.8	5408305.3
L4880.0	504878.8	5408303.9	7961.79981	272.54	87.29	48.827695	-86.933527	56075.55	56243.7	6.32	56081.86	56086.09766	56076.77339	56079.84375	504878.8	5408303.9
L4880.0	504878.8	5408303.9	7961.89990	271.83	86.9	48.827695	-86.933527	56074.06	56243.7	6.32	56080.37	56084.69141	56076.14391	56079.24219	504878.8	5408303.9
L4880.0	504878.8	5408301.9	7962.00000	270.98	86.9	48.827677	-86.933527	56072.89	56243.7	6.32	56079.21	56083.61328	56075.51364	56078.64063	504878.8	5408301.9
L4880.0	504878.8	5408300.8	7962.10010	268.14	89.98	48.827668	-86.933527	56072.66	56243.7	6.32	56078.98	56083.46484	56074.82715	56077.98438	504878.8	5408300.8
L4880.0	504878.8	5408299.4	7962.20020	267.56	89.98	48.827655	-86.933527	56072.06	56243.7	6.32	56078.38	56082.94531	56074.16034	56077.34375	504878.8	5408299.4
L4880.0	504878.8	5408298.0	7962.29981	268.84	90.5	48.827642	-86.933527	56071.02	56243.7	6.32	56077.34	56081.98438	56074.18174	56077.39453	504878.8	5408298.0
L4880.0	504878.8	5408298.0	7962.39990	267.36	90.5	48.827642	-86.933527	56070.48	56243.7	6.32	56076.80	56081.52734	56073.60696	56076.84375	504878.8	5408298.0
L4880.0	504878.8	5408296.3	7962.50000	265.11	86.16	48.827627	-86.933527	56068.87	56243.7	6.32	56075.18	56079.98438	56072.83403	56076.09766	504878.8	5408296.3
L4880.0	504878.8	5408294.7	7962.60010	266.80	86.16	48.827612	-86.933527	56068.31	56243.7	6.31	56074.63	56079.51563	56072.26478	56075.55469	504878.8	5408294.7
L4880.0	504878.8	5408294.7	7962.70020	265.84	87.41	48.827612	-86.933527	56066.85	56243.7	6.31	56073.16	56078.12500	56071.53808	56074.85547	504878.8	5408294.7
L4880.0	504878.8	5408293.0	7962.79981	262.70	91.36	48.827597	-86.933527	56066.34	56243.7	6.31	56072.65	56077.69141	56070.98049	56074.32422	504878.8	5408293.0
L4880.0	504878.8	5408291.7	7962.89990	264.58	91.36	48.827585	-86.933527	56065.15	56243.7	6.31	56071.46	56076.57813	56070.31296	56073.67969	504878.8	5408291.7
L4880.0	504878.7	5408290.1	7963.00000	264.90	90.91	48.827571	-86.933527	56064.97	56243.7	6.31	56071.28	56076.47266	56069.80881	56073.19922	504878.7	5408290.1
L4880.0	504878.7	5408288.5	7963.10010	266.39	90.91	48.827557	-86.933527	56063.16	56243.7	6.31	56069.47	56074.73828	56069.05275	56072.46875	504878.7	5408288.5
L4880.0	504878.7	5408288.5	7963.20020	264.69	88.61	48.827557	-86.933527	56062.44	56243.7	6.31	56068.75	56074.09375	56068.46756	56071.90625	504878.7	5408288.5
L4880.0	504878.7	5408286.6	7963.29981	263.23	88.61	48.827540	-86.933527	56061.36	56243.7	6.31	56067.67	56073.08984	56067.82967	56071.29297	504878.7	5408286.6
L4880.0	504878.7	5408285.4	7963.39990	264.98	89.02	48.827529	-86.933527	56060.34	56243.7	6.31	56066.65	56072.14063	56067.20203	56070.68750	504878.7	5408285.4
L4880.0	504878.7	5408283.7	7963.50000	265.21	89.02	48.827514	-86.933527	56059.38	56243.7	6.31	56065.69	56071.25391	56066.58369	56070.09375	504878.7	5408283.7
L4880.0	504878.7	5408283.7	7963.60010	263.34	91.35	48.827514	-86.933527	56057.82	56243.7	6.31	56064.13	56069.76563	56065.87988	56069.41016	504878.7	5408283.7
L4880.0	504878.7	5408282.1	7963.70020	265.82	91.35	48.827499	-86.933527	56056.98	56243.7	6.31	56063.29	56068.99609	56065.27842	56068.82813	504878.7	5408282.1
L4880.0	504878.7	5408280.7	7963.79981	265.90	100.5	48.827486	-86.933527	56055.91	56243.7	6.31	56062.22	56067.99609	56064.64319	56068.21484	504878.7	5408280.7
L4880.0	504878.7	5408279.0	7963.89990	266.64	100.99	48.827472	-86.933527	56055.44	56243.7	6.31	56061.75	56067.59375	56064.09188	56067.68359	504878.7	5408279.0
L4880.0	504878.7	5408279.0	7964.00000	266.96	101.28	48.827472	-86.933527	56054.20	56243.7	6.31	56060.51	56066.42188	56063.42945	56067.04297	504878.7	5408279.0
L4880.0	504878.7	5408276.9	7964.10010	266.98	101.28	48.827453	-86.933527	56053.36	56243.7	6.31	56059.67	56065.64844	56062.82229	56066.45313	504878.7	5408276.9
L4880.0	504878.7	5408275.5	7964.20020	267.22	95.74	48.827440	-86.933527	56051.70	56243.7	6.30	56058.00	56064.04297	56062.09236	56065.74219	504878.7	5408275.5
L4880.0	504878.7	5408275.5	7964.29981	266.39	95.74	48.827440	-86.933527	56050.93	56243.7	6.30	56057.24	56063.34766	56061.49215	56065.16016	504878.7	5408275.5
L4880.0	504878.7	5408273.9	7964.39990	265.35	101.28	48.827426	-86.933527	56049.46	56243.7	6.30	56055.76	56061.93359	56060.78284	56064.46875	504878.7	5408273.9
L4880.0	504878.7	5408272.7	7964.50000	264.38	101.49	48.827414	-86.933527	56048.68	56243.7	6.29	56054.98	56061.21484	56060.17617	56063.87891	504878.7	5408272.7
L4880.0	504878.7	5408271.0	7964.60010	263.19	101.49	48.827399	-86.933527	56047.54	56243.7	6.29	56053.83	56060.12500	56059.51233	56063.23047	504878.7	5408271.0
L4880.0	504878.7	5408271.0	7964.70020	264.08	96.54	48.827399	-86.933527	56045.98	56243.7	6.29	56052.27	56058.62500	56058.78322	56062.51953	504878.7	5408271.0
L4880.0	504878.7	5408269.3	7964.79981	265.05	96.54	48.827384	-86.933528	56045.47	56243.7	6.29	56051.75	56058.16406	56058.21707	56061.96875	504878.7	5408269.3
L4880.0	504878.7	5408269.3	7964.89990	262.64	97.15	48.827384	-86.933528	56044.08	56243.7	6.28	56050.36	56056.83203	56057.51389	56061.27734	504878.7	5408269.3
L4880.0	504878.7	5408267.8	7965.00000	265.73	100.35	48.827371	-86.933528	56043.44	56243.7	6.28	56049.72	56056.24609	56056.93259	56060.71094	504878.7	5408267.8
L4880.0	504878.7	5408266.2	7965.10010	267.19	100.35	48.827356	-86.933528	56041.91	56243.7	6.28	56048.18	56054.76172	56056.20660	56060.00000	504878.7	5408266.2
L4880.0	504878.7	5408265.1	7965.20020	269.03	100.35	48.827346	-86.933528	56040.44	56243.7	6.28	56046.72	56053.35547	56055.49428	56059.30078	504878.7	5408265.1
L4880.0	504878.7	5408263.7	7965.29981	267.04	94.84	48.827333	-86.933528	56039.83	56243.7	6.28	56046.10	56052.78906	56054.92336	56058.74219	504878.7	5408263.7
L4880.0	504878.7	5408263.7	7965.39990	266.55	100.28	48.827333	-86.933528	56038.69	56243.7	6.28	56044.96	56051.69922	56054.26848	56058.09766	504878.7	5408263.7
L4880.0	504878.7	5408261.9	7965.50000	266.74	100.61	48.827318	-86.933528	56037.88	56243.7	6.27	56044.16	56050.94922	56053.67338	56057.51563	504878.7	5408261.9
L4880.0	504878.7	5408260.3	7965.60010	268.62	100.61	48.827303	-86.933528	56036.36	56243.7	6.27	56042.64	56049.47656	56052.95940	56056.81250	504878.7	5408260.3
L4880.0	504878.7	5408259.2	7965.70020	267.02	100.73	48.827293	-86.933528	56035.18	56243.7	6.27	56041.45	56048.33594	56052.30519	56056.16797	504878.7	5408259.2
L4880.0	504878.7	5408257.8	7965.79981	267.64	100.73	48.827280	-86.933529	56033.98	56243.7	6.27	56040.26	56047.19141	56051.65570	56055.52734	504878.7	5408257.8
L4880.0	504878.7	5408256.4	7965.89990	268.10	100.68	48.827268	-86.933529	56033.11	56243.7	6.27	56039.38	56046.35547	56051.06521	56054.94531	504878.7	5408256.4
L4880.0	504878.7	5408254.8	7966.00000	268.79	96.03	48.827253	-86.933529	56032.36	56243.7	6.27	56038.63	56045.64844	56050.50376	56054.39063	504878.7	5408254.8
L4880.0	504878.7	5408254.8	7966.10010	269.26	87.65	48.827253	-86.933529	56031.06	56243.7	6.27	56037.32	56044.37891	56049.85270	56053.75000	504878.7	5408254.8
L4880.0	504878.7	5408253.5	7966.20020	267.87	87.65	48.827242	-86.933529	56030.07	56243.7	6.27	56036.34	56043.43750	56049.26610	56053.16797	504878.7	5408253.5
L4880.0	504878.7	5408252.2	7966.29981	266.81	100.7	48.827230	-86.933529	56028.70	56243.7	6.27	56034.97	56042.10547	56048.62170	56052.53125	504878.7	5408252.2
L4880.0	504878.7	5408250.9	7966.39990	264.79	88.59	48.827218	-86.933529	56027.41	56243.7	6.27	56033.68	56040.85156	56048.00387	56051.92188	504878.7	5408250.9
L4880.0	504878.7	5408249.7	7966.50000	265.35	91.21	48.827208	-86.933529	56026.63	56243.7	6.27	56032.90	56040.10938	56047.48450	56051.40625	504878.7	5408249.7
L4880.0	504878.7	5408247.9	7966.60010	267.66	91.21	48.827191	-86.933529	56025.56	56243.7	6.27	56031.83	56039.07422	56046.92855	56050.85547	504878.7	5408247.9
L4880.0	504878.7	5408247.9	7966.70020	265.47	91.21	48.827191	-86.933529	56024.32	56243.7	6.27	56030.59	56037.86719	56046.35747	56050.28906	504878.7	5408247.9
L4880.0	504878.7	5408246.0	7966.79981	264.47	89.53	48.827175	-86.933529	56023.32	56243.7	6.27	56029.59	56036.89453	56045.84003	56049.77734	504878.7	5408246.0
L4880.0	504878.7	5408244.9	7966.89990	266.22	88.47	48.827165	-86.933528	56022.38	56243.7	6.27	56028.65	56035.98438	56045.34511	56049.28516	504878.7	5408244.9
L4880.0	504878.7	5408243.5	7967.00000	265.87	88.47	48.827152	-86.933528	56021.14	56243.7	6.27	56027.41	56034.77344	56044.81406	56048.75781	504878.7	5408243.5
L4880.0	504878.7	5408243.5	7967.10010	267.27	87.45	48.827152	-86.933528	56020.53	56243.7	6.27	56026.80	56034.19141	56044.39222	56048.33594	504878.7	5408243.5
L4880.0	504878.7	5408241.9	7967.20020	268.34	90.06	48.827137	-86.933528	56019.39	56243.7	6.27	56025.66	56033.07422	56043.89606	56047.84375	504878.7	5408241.9
L4880.0	504878.8	5408240.4	7967.29981	268.34	90.06	48.827124	-86.933528	56018.56	56243.7	6.26	56024.82	56032.25781	56043.45240	56047.40234	504878.8	5408240.4
L4880.0	504878.8	5408238.8	7967.39990	269.57	101.23	48.827109	-86.933527	56017.20	56243.7	6.26	56023.46	56030.92188	56042.93681	56046.88672	504878.8	5408238.8
L4880.0	504878.8	5408238.8	7967.50000	269.56	101.36	48.827109	-86.933527	56016.43	56243.7	6.26	56022.69	56030.17188	56042.51241	56046.46484	504878.8	5408238.8
L4880.0	504878.8	5408237.6	7967.60010	269.63	101.36	48.827099	-86.933527	56015.44	56243.7	6.26	56021.70	56029.19922	56042.05837	56046.00781	504878.8	5408237.6
L4880.0	504878.8	5408236.0	7967.70020	266.94	97.03	48.827084	-86.933527	56014.61	56243.7	6.26	56020.87	56028.38672	56041.62850	56045.57813	504878.8	5408236.0
L4880.0	504878.9	5408234.3	7967.79981	264.66	97.03	48.827069	-86.933526	56013.77	56243.7	6.25	56020.03	56027.56250	56041.19747	56045.14844	504878.9	5408234.3
L4880.0	504878.9	5408234.3	7967.89990	262.54	100.91	48.827069	-86.933526	56012.74	56243.7	6.25	56018.99	56026.53906	56040.73813	56044.68750	504878.9	5408234.3
L4880.0	504878.9	5408232.6	7968.00000	262.88	100.91	48.827054	-86.933526	56011.98	56243.8	6.25	56018.23	56025.79297	56040.31696	56044.26563	504878.9	5408232.6
L4880.0	504878.9	5408231.1	7968.10010	263.75	100.91	48.827040	-86.933526	56011.25	56243.8	6.25	56017.49	56025.06250	56039.89708	56043.84375	504878.9	5408231.1
L4880.0	504878.9	5408229.7	7968.20020	263.51	100.15	48.827028	-86.933526	56010.79	56243.8	6.25	56017.03	56024.61328	56039.51368	56043.46094	504878.9	5408229.7
L4880.0	504878.9	5408229.7	7968.29981	263.28	101.32	48.827028	-86.933526	56010.44	56243.8	6.24	56016.68	56024.27344	56039.14315	56043.08594	504878.9	5408229.7
L4880.0	504878.9	5408228.1	7968.39990	264.03	101.32	48.827014	-86.933525	56009.50	56243.8	6.24	56015.75	56023.34766	56038.68897	56042.62891	504878.9	5408228.1
L4880.0	504879.0	5408226.4	7968.50000	266.59	100.97	48.826998	-86.933525	56008.29	56243.8	6.24	56014.53	56022.13672	56038.18930	56042.12891	504879.0	5408226.4
L4880.0	504879.0	5408225.2	7968.60010	263.22	100.97	48.826987	-86.933525	56007.68	56243.8	6.24	56013.92	56021.53125	56037.77146	56041.70703	504879.0	5408225.2
L4880.0	504879.0	5408223.7	7968.70020	262.10	101.11	48.826974	-86.933525	56007.07	56243.8	6.24	56013.31	56020.92188	56037.35373	56041.28516	504879.0	5408223.7
L4880.0	504879.0	5408223.7	7968.79981	266.29	100.65	48.826974	-86.933525	56006.59	56243.8	6.23	56012.83	56020.44531	56036.95872	56040.88672	504879.0	5408223.7
L4880.0	504879.0	5408222.4	7968.89990	266.07	100.65	48.826963	-86.933525	56005.56	56243.8	6.23	56011.79	56019.40625	56036.48974	56040.41406	504879.0	5408222.4
L4880.0	504879.0	5408221.0	7969.00000	266.28	100.42	48.826949	-86.933525	56005.48	56243.8	6.23	56011.71	56019.32422	56036.17461	56040.09375	504879.0	5408221.0
L4880.0	504879.0	5408221.0	7969.10010	264.19	100.13	48.826949	-86.933525	56004.46	56243.8	6.23	56010.70	56018.31250	56035.73438	56039.65234	504879.0	5408221.0
L4880.0	504879.0	5408218.0	7969.20020	266.29	100.13	48.826923	-86.933525	56003.86	56243.8	6.23	56010.09	56017.69922	56035.37241	56039.28516	504879.0	5408218.0
L4880.0	504879.0	5408218.0	7969.29981	266.30	99.92	48.826923	-86.933525	56003.86	56243.8	6.23	56010.09	56017.69141	56035.12664	56039.03516	504879.0	5408218.0
L4880.0	504878.9	5408216.6	7969.39990	268.46	94.41	48.826910	-86.933525	56003.58	56243.8	6.23	56009.81	56017.40625	56034.86479	56038.76953	504878.9	5408216.6
L4880.0	504879.0	5408215.0	7969.50000	267.97	90.09	48.826896	-86.933525	56003.33	56243.8	6.23	56009.56	56017.14844	56034.63685	56038.53516	504879.0	5408215.0
L4880.0	504878.9	5408213.6	7969.60010	265.92	90.09	48.826883	-86.933525	56003.00	56243.8	6.23	56009.23	56016.81250	56034.43051	56038.32422	504878.9	5408213.6
L4880.0	504878.9	5408212.6	7969.70020	266.94	96.56	48.826874	-86.933525	56002.80	56243.8	6.23	56009.03	56016.60156	56034.27973	56038.16797	504878.9	5408212.6
L4880.0	504879.0	5408211.4	7969.79981	267.64	96.56	48.826863	-86.933525	56002.62	56243.8	6.23	56008.85	56016.41016	56034.16585	56038.05078	504879.0	5408211.4
L4880.0	504879.0	5408211.4	7969.89990	267.22	98.81	48.826863	-86.933525	56002.85	56243.8	6.23	56009.08	56016.62891	56034.14182	56038.01953	504879.0	5408211.4
L4880.0	504879.0	5408209.6	7970.00000	266.63	98.67	48.826847	-86.933525	56002.52	56243.8	6.23	56008.75	56016.28516	56034.06496	56037.93750	504879.0	5408209.6
L4880.0	504879.0	5408208.3	7970.10010	267.09	98.67	48.826835	-86.933525	56001.06	56243.8	6.23	56007.29	56014.81250	56033.86398	56037.73047	504879.0	5408208.3
L4880.0	504879.0	5408206.6	7970.10010	267.09	85.65	48.826820	-86.933525	56001.16	56243.8	6.23	56007.39	56014.89453	56033.89777	56037.76172	504879.0	5408206.6
L4880.0	504879.0	5408204.9	7970.20020	264.29	85.65	48.826805	-86.933525	56000.77	56243.8	6.23	56007.00	56014.48828	56033.88541	56037.74219	504879.0	5408204.9
L4880.0	504879.0	5408204.9	7970.29981	265.19	92.13	48.826805	-86.933525	56001.16	56243.8	6.23	56007.39	56014.86328	56033.97835	56037.83203	504879.0	5408204.9
L4880.0	504879.0	5408203.5	7970.50000	262.92	97.4	48.826792	-86.933525	56000.12	56243.8	6.23	56006.35	56013.80469	56033.91436	56037.76172	504879.0	5408203.5
L4880.0	504879.0	5408202.0	7970.60010	263.62	90.96	48.826778	-86.933525	56000.39	56243.8	6.23	56006.63	56014.06250	56034.00103	56037.84375	504879.0	5408202.0

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4880.0	504879.0	5408202.0	7970.70020	260.97	90.96	48.826778	-86.933525	56000.34	56243.8	6.23	56006.57	56013.98438	56034.04627	56037.88672	504879.0	5408202.0
L4880.0	504879.0	5408198.6	7970.79981	261.25	90.96	48.826748	-86.933525	56001.13	56243.8	6.23	56007.36	56014.75391	56034.16432	56038.00000	504879.0	5408198.6
L4880.0	504879.0	5408198.6	7970.89990	262.03	91.9	48.826748	-86.933525	56000.85	56243.8	6.23	56007.08	56014.44922	56034.16718	56037.99609	504879.0	5408198.6
L4880.0	504879.0	5408197.2	7971.00000	262.14	91.9	48.826735	-86.933525	56000.29	56243.8	6.23	56006.52	56013.86719	56034.13507	56037.96094	504879.0	5408197.2
L4880.0	504879.0	5408195.8	7971.10010	261.22	97.06	48.826722	-86.933525	56000.80	56243.8	6.23	56007.03	56014.35547	56034.18257	56038.00391	504879.0	5408195.8
L4880.0	504879.0	5408195.8	7971.20020	261.64	97.68	48.826722	-86.933525	56000.47	56243.8	6.23	56006.70	56014.00000	56034.14560	56037.96484	504879.0	5408195.8
L4880.0	504879.0	5408193.7	7971.29981	261.30	97.68	48.826704	-86.933526	56001.23	56243.8	6.23	56007.46	56014.73438	56034.19062	56038.00391	504879.0	5408193.7
L4880.0	504878.9	5408191.7	7971.39990	262.50	97.46	48.826686	-86.933526	56000.63	56243.8	6.23	56006.85	56014.10156	56034.11448	56037.92578	504878.9	5408191.7
L4880.0	504878.9	5408190.5	7971.50000	266.82	97.46	48.826675	-86.933526	56000.02	56243.8	6.22	56006.24	56013.46484	56034.03232	56037.83984	504878.9	5408190.5
L4880.0	504878.9	5408190.5	7971.60010	266.04	97.15	48.826675	-86.933526	56001.16	56243.8	6.22	56007.38	56014.57813	56034.08912	56037.89453	504878.9	5408190.5
L4880.0	504878.9	5408188.9	7971.70020	262.85	97.15	48.826660	-86.933526	56001.43	56243.8	6.22	56007.66	56014.83203	56034.07612	56037.87891	504878.9	5408188.9
L4880.0	504878.9	5408187.4	7971.79981	260.07	97.12	48.826647	-86.933527	56001.33	56243.8	6.22	56007.55	56014.69141	56034.03564	56037.83594	504878.9	5408187.4
L4880.0	504878.9	5408187.4	7971.89990	260.72	97.12	48.826647	-86.933527	56001.16	56243.8	6.22	56007.38	56014.49609	56033.99899	56037.79688	504878.9	5408187.4
L4880.0	504878.9	5408185.7	7972.00000	262.30	97.19	48.826632	-86.933527	56000.95	56243.8	6.22	56007.17	56014.25781	56033.96621	56037.76172	504878.9	5408185.7
L4880.0	504878.8	5408184.3	7972.10010	264.03	97.19	48.826619	-86.933527	56001.91	56243.8	6.22	56008.13	56015.18750	56034.04229	56037.83594	504878.8	5408184.3
L4880.0	504878.8	5408182.4	7972.20020	264.79	96.24	48.826603	-86.933528	56002.42	56243.8	6.21	56008.63	56015.65625	56034.08915	56037.88281	504878.8	5408182.4
L4880.0	504878.8	5408181.4	7972.29981	264.72	96.24	48.826593	-86.933528	56002.37	56243.8	6.21	56008.58	56015.57813	56034.09831	56037.89063	504878.8	5408181.4
L4880.0	504878.8	5408181.4	7972.39990	266.12	97.68	48.826593	-86.933528	56002.37	56243.8	6.21	56008.57	56015.53906	56034.12026	56037.91016	504878.8	5408181.4
L4880.0	504878.8	5408179.7	7972.50000	267.64	97.68	48.826578	-86.933528	56002.82	56243.8	6.21	56009.03	56015.96875	56034.19340	56037.98438	504878.8	5408179.7
L4880.0	504878.7	5408178.5	7972.60010	267.50	97.67	48.826567	-86.933529	56003.41	56243.8	6.20	56009.61	56016.51563	56034.28781	56038.07813	504878.7	5408178.5
L4880.0	504878.7	5408176.9	7972.70020	266.58	97.67	48.826553	-86.933529	56004.12	56243.8	6.20	56010.32	56017.19531	56034.40577	56038.19922	504878.7	5408176.9
L4880.0	504878.7	5408176.9	7972.79981	265.47	84.04	48.826553	-86.933529	56004.77	56243.8	6.20	56010.97	56017.81641	56034.52761	56038.32031	504878.7	5408176.9
L4880.0	504878.7	5408175.1	7972.89990	262.84	87.23	48.826537	-86.933529	56004.97	56243.8	6.19	56011.17	56017.98438	56034.61624	56038.41016	504878.7	5408175.1
L4880.0	504878.7	5408173.7	7973.00000	262.29	87.23	48.826524	-86.933529	56005.33	56243.8	6.19	56011.52	56018.30469	56034.72430	56038.52344	504878.7	5408173.7
L4880.0	504878.7	5408172.0	7973.10010	262.42	88.02	48.826509	-86.933529	56005.38	56243.8	6.19	56011.57	56018.32422	56034.81036	56038.60938	504878.7	5408172.0
L4880.0	504878.7	5408170.6	7973.20020	261.04	88.02	48.826496	-86.933529	56006.19	56243.8	6.19	56012.38	56019.10156	56034.96932	56038.77344	504878.7	5408170.6
L4880.0	504878.7	5408170.6	7973.29981	261.82	86.95	48.826496	-86.933529	56006.72	56243.8	6.19	56012.91	56019.60156	56035.10668	56038.91406	504878.7	5408170.6
L4880.0	504878.7	5408169.3	7973.39990	261.02	87.49	48.826484	-86.933529	56007.13	56243.8	6.19	56013.32	56019.98047	56035.23822	56039.05078	504878.7	5408169.3
L4880.0	504878.7	5408167.8	7973.50000	261.29	85.9	48.826471	-86.933529	56007.20	56243.8	6.19	56013.39	56020.01953	56035.34429	56039.16016	504878.7	5408167.8
L4880.0	504878.7	5408167.8	7973.60010	262.66	85.9	48.826471	-86.933529	56007.73	56243.8	6.19	56013.92	56020.51953	56035.49995	56039.32031	504878.7	5408167.8
L4880.0	504878.7	5408165.9	7973.70020	263.46	88.93	48.826454	-86.933529	56008.32	56243.8	6.19	56014.51	56021.07813	56035.66900	56039.49609	504878.7	5408165.9
L4880.0	504878.7	5408164.5	7973.79981	263.88	98.85	48.826441	-86.933529	56008.94	56243.8	6.19	56015.13	56021.66797	56035.84987	56039.68359	504878.7	5408164.5
L4880.0	504878.7	5408163.2	7973.89990	264.58	98.85	48.826429	-86.933529	56009.78	56243.8	6.19	56015.97	56022.48047	56036.06387	56039.90234	504878.7	5408163.2
L4880.0	504878.7	5408163.2	7974.00000	264.94	87.99	48.826429	-86.933529	56010.28	56243.8	6.19	56016.47	56022.94922	56036.25581	56040.10156	504878.7	5408163.2
L4880.0	504878.7	5408161.5	7974.10010	265.24	87.99	48.826414	-86.933529	56010.92	56243.8	6.19	56017.11	56023.56250	56036.46880	56040.32422	504878.7	5408161.5
L4880.0	504878.7	5408159.9	7974.20020	264.49	92.11	48.826400	-86.933529	56010.89	56243.8	6.18	56017.08	56023.50391	56036.62648	56040.48828	504878.7	5408159.9
L4880.0	504878.7	5408158.6	7974.29981	264.89	92.11	48.826388	-86.933529	56011.70	56243.8	6.18	56017.88	56024.27734	56036.87252	56040.74609	504878.7	5408158.6
L4880.0	504878.7	5408158.6	7974.39990	266.52	93	48.826388	-86.933529	56012.44	56243.8	6.18	56018.62	56024.98828	56037.12116	56041.00391	504878.7	5408158.6
L4880.0	504878.7	5408156.8	7974.50000	264.89	92.18	48.826372	-86.933530	56012.79	56243.8	6.18	56018.96	56025.30078	56037.33960	56041.23047	504878.7	5408156.8
L4880.0	504878.7	5408155.3	7974.60010	264.19	92.18	48.826358	-86.933530	56013.60	56243.8	6.17	56019.77	56026.08594	56037.60903	56041.51172	504878.7	5408155.3
L4880.0	504878.7	5408154.0	7974.70020	264.73	93.46	48.826346	-86.933530	56014.06	56243.8	6.17	56020.22	56026.50781	56037.85136	56041.76563	504878.7	5408154.0
L4880.0	504878.7	5408154.0	7974.79981	266.19	93.46	48.826346	-86.933530	56014.54	56243.8	6.17	56020.70	56026.96094	56038.10227	56042.02734	504878.7	5408154.0
L4880.0	504878.7	5408152.2	7974.89990	263.85	94.5	48.826331	-86.933530	56014.84	56243.8	6.16	56021.00	56027.23828	56038.34177	56042.28125	504878.7	5408152.2
L4880.0	504878.7	5408150.6	7975.00000	262.01	94.5	48.826316	-86.933530	56015.42	56243.8	6.16	56021.58	56027.79297	56038.60812	56042.55859	504878.7	5408150.6
L4880.0	504878.7	5408149.2	7975.10010	262.43	96.3	48.826303	-86.933530	56015.88	56243.8	6.16	56022.04	56028.23047	56038.86427	56042.82813	504878.7	5408149.2
L4880.0	504878.7	5408149.2	7975.20020	262.10	101.16	48.826303	-86.933530	56016.73	56243.8	6.16	56022.89	56029.05859	56039.15312	56043.13281	504878.7	5408149.2
L4880.0	504878.7	5408147.9	7975.29981	260.35	101.59	48.826292	-86.933530	56017.37	56243.8	6.16	56023.53	56029.67578	56039.42162	56043.41406	504878.7	5408147.9
L4880.0	504878.7	5408146.2	7975.39990	260.78	101.59	48.826276	-86.933530	56018.05	56243.8	6.16	56024.21	56030.33594	56039.69111	56043.69922	504878.7	5408146.2
L4880.0	504878.7	5408144.7	7975.50000	261.31	101.87	48.826263	-86.933530	56018.94	56243.8	6.16	56025.10	56031.20313	56039.97631	56044.00000	504878.7	5408144.7
L4880.0	504878.7	5408143.4	7975.60010	260.83	102.05	48.826251	-86.933530	56019.06	56243.8	6.16	56025.22	56031.30469	56040.19315	56044.23438	504878.7	5408143.4
L4880.0	504878.7	5408141.7	7975.70020	262.88	102.05	48.826236	-86.933530	56019.39	56243.8	6.16	56025.55	56031.61719	56040.42641	56044.48438	504878.7	5408141.7
L4880.0	504878.7	5408141.7	7975.79981	260.20	91.94	48.826236	-86.933530	56019.37	56243.8	6.16	56025.53	56031.57813	56040.62690	56044.69922	504878.7	5408141.7
L4880.0	504878.7	5408139.8	7975.89990	263.26	91.94	48.826219	-86.933530	56020.42	56243.8	6.16	56026.58	56032.60938	56040.92054	56045.01172	504878.7	5408139.8
L4880.0	504878.7	5408138.1	7976.00000	263.61	94.01	48.826204	-86.933530	56021.49	56243.8	6.16	56027.65	56033.66406	56041.21634	56045.32813	504878.7	5408138.1
L4880.0	504878.7	5408138.1	7976.10010	264.26	93.43	48.826204	-86.933530	56022.18	56243.8	6.16	56028.33	56034.32813	56041.47687	56045.60547	504878.7	5408138.1
L4880.0	504878.7	5408136.2	7976.20020	262.57	93.43	48.826187	-86.933529	56022.00	56243.8	6.16	56028.15	56034.13672	56041.65444	56045.80469	504878.7	5408136.2
L4880.0	504878.7	5408134.7	7976.29981	264.89	103	48.826174	-86.933529	56022.78	56243.8	6.15	56028.93	56034.90234	56041.92206	56046.08984	504878.7	5408134.7
L4880.0	504878.8	5408133.4	7976.39990	265.27	103	48.826161	-86.933529	56023.62	56243.8	6.15	56029.77	56035.73047	56042.19744	56046.38672	504878.8	5408133.4
L4880.0	504878.8	5408133.4	7976.50000	267.14	100.39	48.826161	-86.933529	56024.00	56243.8	6.15	56030.15	56036.09766	56042.42778	56046.63672	504878.8	5408133.4
L4880.0	504878.8	5408131.2	7976.60010	265.49	100.39	48.826142	-86.933529	56025.08	56243.9	6.15	56031.23	56037.16797	56042.73421	56046.96484	504878.8	5408131.2
L4880.0	504878.8	5408129.8	7976.70020	265.19	102.41	48.826129	-86.933529	56025.31	56243.9	6.15	56031.46	56037.39063	56042.95312	56047.20703	504878.8	5408129.8
L4880.0	504878.8	5408129.8	7976.79981	263.57	103.75	48.826129	-86.933529	56025.96	56243.9	6.14	56032.11	56038.03125	56043.22217	56047.49609	504878.8	5408129.8
L4880.0	504878.8	5408128.3	7976.89990	264.61	103.75	48.826116	-86.933528	56026.12	56243.9	6.14	56032.26	56038.17578	56043.43969	56047.73828	504878.8	5408128.3
L4880.0	504878.8	5408126.9	7977.00000	265.48	103.59	48.826103	-86.933528	56026.83	56243.9	6.14	56032.97	56038.87891	56043.72676	56048.04688	504878.8	5408126.9
L4880.0	504878.8	5408126.9	7977.10010	262.89	103.59	48.826103	-86.933528	56027.54	56243.9	6.14	56033.68	56039.58594	56044.01838	56048.36328	504878.8	5408126.9
L4880.0	504878.8	5408125.3	7977.20020	263.42	103.97	48.826088	-86.933528	56028.04	56243.9	6.14	56034.18	56040.08203	56044.28734	56048.65625	504878.8	5408125.3
L4880.0	504878.8	5408123.8	7977.29981	263.24	103.97	48.826075	-86.933528	56028.95	56243.9	6.14	56035.10	56041.00000	56044.61071	56049.00391	504878.8	5408123.8
L4880.0	504878.8	5408122.4	7977.39990	264.21	103.98	48.826062	-86.933528	56028.83	56243.9	6.14	56034.97	56040.87109	56044.80020	56049.21875	504878.8	5408122.4
L4880.0	504878.8	5408121.0	7977.50000	263.56	104.53	48.826050	-86.933528	56029.54	56243.9	6.15	56035.68	56041.57813	56045.09658	56049.53906	504878.8	5408121.0
L4880.0	504878.8	5408121.0	7977.60010	263.58	104.53	48.826050	-86.933528	56030.09	56243.9	6.15	56036.24	56042.14063	56045.37195	56049.83984	504878.8	5408121.0
L4880.0	504878.8	5408119.6	7977.70020	263.81	104.53	48.826037	-86.933528	56031.06	56243.9	6.15	56037.20	56043.10156	56045.70154	56050.19531	504878.8	5408119.6
L4880.0	504878.8	5408117.7	7977.79981	264.57	104.53	48.826020	-86.933528	56031.28	56243.9	6.15	56037.43	56043.33594	56045.92596	56050.44922	504878.8	5408117.7
L4880.0	504878.8	5408116.3	7977.89990	266.61	104.53	48.826007	-86.933528	56031.51	56243.9	6.15	56037.66	56043.57031	56046.14430	56050.69141	504878.8	5408116.3
L4880.0	504878.8	5408116.3	7978.00000	268.11	104.27	48.826007	-86.933528	56031.61	56243.8	6.15	56037.76	56043.67969	56046.33621	56050.91016	504878.8	5408116.3
L4880.0	504878.8	5408114.8	7978.10010	265.92	104.27	48.825994	-86.933528	56032.44	56243.9	6.15	56038.59	56044.51563	56046.63984	56051.24219	504878.8	5408114.8
L4880.0	504878.8	5408113.2	7978.20020	266.19	104.27	48.825979	-86.933528	56032.92	56243.9	6.15	56039.07	56045.00391	56046.88692	56051.51563	504878.8	5408113.2
L4880.0	504878.8	5408113.2	7978.29981	267.65	104.19	48.825979	-86.933528	56033.58	56243.9	6.14	56039.72	56045.66406	56047.16461	56051.82422	504878.8	5408113.2
L4880.0	504878.8	5408111.5	7978.39990	268.10	104.29	48.825964	-86.933528	56034.04	56243.9	6.14	56040.18	56046.13672	56047.41174	56052.09766	504878.8	5408111.5
L4880.0	504878.8	5408110.1	7978.50000	267.27	104.29	48.825951	-86.933528	56034.29	56243.9	6.14	56040.43	56046.39844	56047.62215	56052.33594	504878.8	5408110.1
L4880.0	504878.9	5408108.7	7978.60010	264.69	104.27	48.825939	-86.933528	56034.87	56243.9	6.14	56041.00	56046.98047	56047.89894	56052.64063	504878.9	5408108.7
L4880.0	504878.9	5408107.2	7978.70020	267.27	104.27	48.825926	-86.933528	56034.97	56243.9	6.14	56041.11	56047.10547	56048.16214	56052.93359	504878.9	5408107.2
L4880.0	504878.9	5408107.2	7978.79981	268.98	104.27	48.825926	-86.933528	56035.48	56243.9	6.13	56041.61	56047.62109	56048.42391	56053.22266	504878.9	5408107.2
L4880.0	504878.9	5408105.3	7978.89990	268.92	104.27	48.825909	-86.933527	56036.24	56243.9	6.13	56042.37	56048.39844	56048.67655	56053.50391	504878.9	5408105.3
L4880.0	504878.9	5408103.9	7979.00000	268.94	104.27	48.825896	-86.933527	56036.57	56243.9	6.13	56042.70	56048.74609	56048.96868	56053.82813	504878.9	5408103.9
L4880.0	504878.9	5408102.5	7979.10010	268.56	104.27	48.825883	-86.933527	56037.33	56243.9	6.13	56043.46	56049.52734	56049.24163	56054.12891	504878.9	5408102.5
L4880.0	504878.9	5408102.5	7979.20020	270.20	104.27	48.825883	-86.933527	56037.33	56243.9	6.13	56043.46	56049.54688	56049.56760	56054.48438	504878.9	5408102.5
L4880.0	504878.9	5408101.3	7979.29981	269.99	104.27	48.825873	-86.933527	56037.68	56243.9	6.13	56043.81	56049.92188	56049.87897	56054.82422	504878.9	5408101.3
L4880.0	504878.9	5408099.6	7979.39990	270.39	104.27	48.825857	-86.933527	56038.21	56243.9	6.13	56044.34	56050.47266	56050.18638	56055.16016	504878.9	5408099.6
L4880.0	504879.0	5408098.2	7979.50000	271.05	104.27	48.825845	-86.933527	56039.09	56243.9	6.13	56045.22	56051.37891	56050.47905	56055.48438	504879.0	5408098.2
L4880.0	504879.0	5408098.2	7979.60010	270.77	104.27	48.825845	-86.933527	56039.52	56243.9	6.12	56045.65	56051.83594	56050.80069	56055.83594	504879.0	5408098.2
L4880.0	504879.0	5408096.7	7979.70020	271.94	104.27	48.825831	-86.933526	56040.04	56243.9	6.12	56046.16	56052.37109	56051.12032	56056.18359	504879.0	5408096.7
L4880.0	504879.0	5408095.3	7979.79981	271.13	104.27	48.825819	-86.933526	56040.39	56243.9	6.12	56046.51	56052.75000	56051.45201	56056.54297	504879.0	5408095.3
L4880.0	504879.0	5408094.3	7979.89990	268.64	104.27	48.825810	-86.933526	56040.79	56243.9	6.12	56046.91	56053.17969	56051.78224	56056.90234	504879.0	5408094.3

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4880.0	504879.0	5408092.5	7980.00000	266.83	104.27	48.825793	-86.933526	56041.20	56243.9	6.12	56047.32	56053.61719	56052.11261	56057.26172	504879.0	5408092.5
L4880.0	504879.0	5408092.5	7980.10010	267.00	104.27	48.825793	-86.933526	56041.95	56243.9	6.12	56048.07	56054.39844	56052.41575	56057.59375	504879.0	5408092.5
L4880.0	504879.0	5408091.0	7980.20020	267.00	104.27	48.825780	-86.933526	56042.24	56243.9	6.12	56048.36	56054.72266	56052.75374	56057.96094	504879.0	5408091.0
L4880.0	504879.0	5408089.3	7980.29981	266.58	104.27	48.825765	-86.933526	56042.71	56243.9	6.12	56048.83	56055.22656	56053.26702	56058.50391	504879.0	5408089.3
L4880.0	504879.0	5408088.1	7980.39990	264.78	104.27	48.825754	-86.933526	56043.02	56243.9	6.12	56049.14	56055.57031	56053.57560	56058.84375	504879.0	5408088.1
L4880.0	504879.1	5408086.5	7980.50000	265.93	104.27	48.825739	-86.933526	56043.44	56243.9	6.12	56049.56	56056.02734	56053.90427	56059.19922	504879.1	5408086.5
L4880.0	504879.0	5408085.3	7980.60010	266.68	130	48.825729	-86.933526	56044.21	56243.9	6.12	56050.33	56056.83203	56054.29533	56059.61719	504879.0	5408085.3
L4880.0	504879.0	5408084.1	7980.70020	265.40	130	48.825718	-86.933526	56044.48	56243.9	6.12	56050.60	56057.14063	56054.59013	56059.94141	504879.0	5408084.1
L4880.0	504879.0	5408084.1	7980.79981	266.33	130	48.825718	-86.933526	56045.20	56243.9	6.12	56051.32	56057.89844	56054.96250	56060.33984	504879.0	5408084.1
L4880.0	504879.0	5408082.6	7980.89990	267.90	130	48.825704	-86.933526	56045.60	56243.9	6.12	56051.72	56058.33984	56055.27388	56060.67969	504879.0	5408082.6
L4880.0	504879.0	5408081.0	7981.00000	266.92	130	48.825690	-86.933526	56045.98	56243.9	6.12	56052.10	56058.76172	56055.57873	56061.01172	504879.0	5408081.0
L4880.0	504879.0	5408079.5	7981.10010	265.83	130	48.825677	-86.933526	56046.53	56243.9	6.12	56052.64	56059.34375	56055.90718	56061.36719	504879.0	5408079.5
L4880.0	504879.0	5408079.5	7981.20020	266.43	130	48.825677	-86.933526	56046.66	56243.9	6.11	56052.77	56059.51563	56056.16486	56061.65234	504879.0	5408079.5
L4880.0	504879.0	5408078.1	7981.29981	265.67	130	48.825664	-86.933526	56046.51	56243.9	6.11	56052.62	56059.41016	56056.37637	56061.89063	504879.0	5408078.1
L4880.0	504879.0	5408076.6	7981.39990	263.18	130	48.825651	-86.933526	56046.68	56243.9	6.10	56052.78	56059.61328	56056.63731	56062.17578	504879.0	5408076.6
L4880.0	504879.0	5408075.0	7981.50000	265.67	130	48.825636	-86.933526	56046.96	56243.9	6.10	56053.06	56059.93750	56056.91617	56062.48047	504879.0	5408075.0
L4880.0	504879.0	5408075.0	7981.60010	266.24	130	48.825636	-86.933526	56047.85	56243.9	6.10	56053.94	56060.86719	56057.28692	56062.87891	504879.0	5408075.0
L4880.0	504879.0	5408072.1	7981.70020	266.01	130	48.825610	-86.933527	56047.97	56243.9	6.09	56054.07	56061.04297	56057.54051	56063.15625	504879.0	5408072.1
L4880.0	504879.0	5408070.5	7981.79981	265.12	130	48.825595	-86.933527	56048.86	56243.9	6.09	56054.95	56061.97266	56057.90695	56063.54688	504879.0	5408070.5
L4880.0	504879.0	5408070.5	7981.89990	267.19	130	48.825595	-86.933527	56048.98	56243.9	6.08	56055.07	56062.14063	56058.15807	56063.82031	504879.0	5408070.5
L4880.0	504878.9	5408069.2	7982.00000	265.85	130	48.825584	-86.933527	56049.19	56243.9	6.08	56055.27	56062.39063	56058.42115	56064.10938	504878.9	5408069.2
L4880.0	504878.9	5408069.2	7982.10010	265.12	130	48.825584	-86.933527	56048.98	56243.9	6.08	56055.06	56062.23047	56058.62578	56064.33594	504878.9	5408069.2
L4880.0	504878.9	5408067.0	7982.20020	266.18	130	48.825564	-86.933527	56049.74	56243.9	6.08	56055.82	56063.03906	56058.96736	56064.69922	504878.9	5408067.0
L4880.0	504878.9	5408066.3	7982.29981	265.39	130	48.825558	-86.933527	56050.13	56243.9	6.08	56056.21	56063.48047	56059.25489	56065.00781	504878.9	5408066.3
L4880.0	504878.9	5408064.6	7982.39990	265.63	130	48.825543	-86.933528	56050.32	56243.9	6.08	56056.40	56063.72266	56059.51432	56065.28906	504878.9	5408064.6
L4880.0	504878.9	5408063.4	7982.50000	263.41	130	48.825532	-86.933528	56050.54	56243.9	6.08	56056.61	56063.98828	56059.77568	56065.57031	504878.9	5408063.4
L4880.0	504878.9	5408061.7	7982.60010	262.81	104.39	48.825516	-86.933528	56050.78	56243.9	6.07	56056.85	56064.28125	56060.03960	56065.85547	504878.9	5408061.7
L4880.0	504878.9	5408060.5	7982.70020	263.83	104.39	48.825506	-86.933528	56051.24	56243.9	6.07	56057.31	56064.79688	56060.32934	56066.16406	504878.9	5408060.5
L4880.0	504878.9	5408060.5	7982.79981	263.70	104.32	48.825506	-86.933528	56051.67	56243.9	6.07	56057.74	56065.28125	56060.61214	56066.46875	504878.9	5408060.5
L4880.0	504878.9	5408058.9	7982.89990	264.53	103.47	48.825491	-86.933528	56052.02	56243.9	6.07	56058.09	56065.68359	56060.88181	56066.75391	504878.9	5408058.9
L4880.0	504878.8	5408057.4	7983.00000	263.82	103.47	48.825478	-86.933529	56052.32	56243.9	6.07	56058.39	56066.04297	56061.14215	56067.03516	504878.8	5408057.4
L4880.0	504878.8	5408055.9	7983.10010	263.75	101.43	48.825464	-86.933529	56052.53	56243.9	6.07	56058.60	56066.30859	56061.38810	56067.29688	504878.8	5408055.9
L4880.0	504878.8	5408054.7	7983.20020	266.17	101.43	48.825454	-86.933529	56053.21	56243.9	6.07	56059.28	56067.04297	56061.68955	56067.61328	504878.8	5408054.7
L4880.0	504878.8	5408054.7	7983.29981	264.34	102.93	48.825454	-86.933529	56053.14	56243.9	6.07	56059.21	56067.03125	56061.89477	56067.83594	504878.8	5408054.7
L4880.0	504878.8	5408052.8	7983.39990	262.67	102.93	48.825437	-86.933529	56053.77	56243.9	6.07	56059.84	56067.71875	56062.18632	56068.14063	504878.8	5408052.8
L4880.0	504878.8	5408051.6	7983.50000	263.92	103.52	48.825426	-86.933530	56053.99	56243.9	6.07	56060.07	56068.00781	56062.42482	56068.39453	504878.8	5408051.6
L4880.0	504878.8	5408050.0	7983.60010	261.59	102.29	48.825411	-86.933530	56054.42	56243.9	6.08	56060.50	56068.49609	56062.68788	56068.67188	504878.8	5408050.0
L4880.0	504878.7	5408048.5	7983.70020	261.26	102.29	48.825398	-86.933530	56054.50	56243.9	6.08	56060.58	56068.63281	56062.90154	56068.89844	504878.7	5408048.5
L4880.0	504878.7	5408048.5	7983.79981	261.55	96.9	48.825398	-86.933530	56054.78	56243.9	6.08	56060.86	56068.97266	56063.14073	56069.14844	504878.7	5408048.5
L4880.0	504878.7	5408046.8	7983.89990	263.12	96.9	48.825382	-86.933531	56055.38	56243.9	6.08	56061.46	56069.63281	56063.42627	56069.44531	504878.7	5408046.8
L4880.0	504878.7	5408045.4	7984.00000	264.47	99.71	48.825370	-86.933531	56055.24	56243.9	6.08	56061.32	56069.55078	56063.60027	56069.63281	504878.7	5408045.4
L4880.0	504878.7	5408044.2	7984.10010	265.42	99.71	48.825359	-86.933531	56055.56	56243.9	6.08	56061.64	56069.93359	56063.84231	56069.88281	504878.7	5408044.2
L4880.0	504878.7	5408044.2	7984.20020	267.28	94.14	48.825359	-86.933531	56055.82	56243.9	6.08	56061.90	56070.25391	56064.07437	56070.12500	504878.7	5408044.2
L4880.0	504878.7	5408042.3	7984.29981	268.32	94.34	48.825342	-86.933532	56056.02	56243.9	6.08	56062.10	56070.51172	56064.29571	56070.35156	504878.7	5408042.3
L4880.0	504878.6	5408041.3	7984.39990	270.94	95.64	48.825333	-86.933532	56056.56	56243.9	6.08	56062.63	56071.10156	56064.57382	56070.64063	504878.6	5408041.3
L4880.0	504878.6	5408040.1	7984.50000	269.16	95.64	48.825322	-86.933532	56056.88	56243.9	6.07	56062.95	56071.48438	56064.81674	56070.88672	504878.6	5408040.1
L4880.0	504878.6	5408038.7	7984.60010	271.24	94.02	48.825309	-86.933532	56056.98	56243.9	6.07	56063.05	56071.64453	56065.01941	56071.09766	504878.6	5408038.7
L4880.0	504878.6	5408037.5	7984.70020	269.89	94.02	48.825299	-86.933532	56057.21	56243.9	6.07	56063.28	56071.93359	56065.24512	56071.32813	504878.6	5408037.5
L4880.0	504878.6	5408037.5	7984.79981	265.79	93.43	48.825299	-86.933532	56057.84	56243.9	6.07	56063.91	56072.62500	56065.54860	56071.63672	504878.6	5408037.5
L4880.0	504878.6	5408035.9	7984.89990	261.77	95.51	48.825284	-86.933533	56058.12	56243.9	6.07	56064.19	56072.96875	56065.58693	56071.67578	504878.6	5408035.9
L4880.0	504878.6	5408034.4	7985.00000	268.70	95.51	48.825271	-86.933533	56058.14	56243.9	6.07	56064.21	56073.04688	56065.84687	56071.93750	504878.6	5408034.4
L4880.0	504878.5	5408033.2	7985.10010	270.27	99.81	48.825260	-86.933533	56058.12	56243.9	6.07	56064.19	56073.08984	56066.10609	56072.19922	504878.5	5408033.2
L4880.0	504878.5	5408031.7	7985.20020	269.32	99.81	48.825246	-86.933533	56058.37	56243.9	6.07	56064.43	56073.39063	56066.34241	56072.43750	504878.5	5408031.7
L4880.0	504878.5	5408029.8	7985.29981	269.12	96.91	48.825229	-86.933534	56058.30	56243.9	6.06	56064.36	56073.38281	56066.59738	56072.69141	504878.5	5408029.8
L4880.0	504878.5	5408029.8	7985.39990	267.89	96.91	48.825229	-86.933534	56058.90	56243.9	6.06	56064.96	56074.04297	56066.80909	56072.90234	504878.5	5408029.8
L4880.0	504878.5	5408028.7	7985.50000	267.70	93.54	48.825219	-86.933534	56059.00	56243.9	6.06	56065.06	56074.20313	56067.05021	56073.14063	504878.5	5408028.7
L4880.0	504878.5	5408027.2	7985.60010	266.81	92.88	48.825206	-86.933534	56059.29	56243.9	6.06	56065.34	56074.54297	56067.28082	56073.37109	504878.5	5408027.2
L4880.0	504878.5	5408025.8	7985.70020	267.18	92.88	48.825193	-86.933534	56059.74	56243.9	6.06	56065.79	56075.05469	56067.50511	56073.58984	504878.5	5408025.8
L4880.0	504878.5	5408025.8	7985.79981	268.71	94.55	48.825193	-86.933534	56059.91	56243.9	6.05	56065.97	56075.29297	56067.73990	56073.82031	504878.5	5408025.8
L4880.0	504878.5	5408024.3	7985.89990	266.61	94.55	48.825180	-86.933534	56060.45	56243.9	6.05	56066.50	56075.88281	56067.96548	56074.03906	504878.5	5408024.3
L4880.0	504878.5	5408022.6	7986.00000	269.19	94.79	48.825165	-86.933534	56060.95	56243.9	6.05	56067.00	56076.44531	56068.19527	56074.26563	504878.5	5408022.6
L4880.0	504878.5	5408021.4	7986.10010	266.23	103.07	48.825154	-86.933534	56061.08	56243.9	6.05	56067.13	56076.63281	56068.43279	56074.49609	504878.5	5408021.4
L4880.0	504878.5	5408021.4	7986.20020	266.28	103.07	48.825154	-86.933534	56060.88	56243.9	6.05	56066.93	56076.49219	56068.67262	56074.72656	504878.5	5408021.4
L4880.0	504878.5	5408018.6	7986.29981	269.48	88.24	48.825128	-86.933534	56060.77	56243.9	6.05	56066.82	56076.44141	56068.91027	56074.95313	504878.5	5408018.6
L4880.0	504878.5	5408018.6	7986.39990	270.43	88.24	48.825128	-86.933534	56061.36	56243.9	6.05	56067.41	56077.08984	56069.14666	56075.17969	504878.5	5408018.6
L4880.0	504878.5	5408017.1	7986.50000	272.26	91.2	48.825115	-86.933533	56061.50	56243.9	6.06	56067.56	56077.30078	56069.38712	56075.41016	504878.5	5408017.1
L4880.0	504878.5	5408015.2	7986.60010	271.62	91.2	48.825098	-86.933533	56061.86	56243.9	6.06	56067.92	56077.71875	56069.62922	56075.64063	504878.5	5408015.2
L4880.0	504878.5	5408015.2	7986.70020	272.32	94.46	48.825098	-86.933533	56062.09	56243.9	6.06	56068.14	56077.99609	56069.87415	56075.87500	504878.5	5408015.2
L4880.0	504878.6	5408013.5	7986.79981	271.90	94.46	48.825083	-86.933533	56062.77	56243.9	6.06	56068.83	56078.74219	56070.11628	56076.10156	504878.6	5408013.5
L4880.0	504878.6	5408012.3	7986.89990	274.04	103.18	48.825072	-86.933533	56063.00	56243.9	6.06	56069.06	56079.03125	56070.36335	56076.33594	504878.6	5408012.3
L4880.0	504878.6	5408010.6	7987.00000	273.54	103.18	48.825057	-86.933533	56063.40	56243.9	6.06	56069.46	56079.48828	56070.60780	56076.56641	504878.6	5408010.6
L4880.0	504878.6	5408009.2	7987.10010	272.79	102.8	48.825044	-86.933533	56063.86	56243.9	6.06	56069.92	56080.00391	56070.84822	56076.78906	504878.6	5408009.2
L4880.0	504878.6	5408009.2	7987.20020	272.33	102.79	48.825044	-86.933533	56064.39	56243.9	6.06	56070.44	56080.57813	56071.08186	56077.00781	504878.6	5408009.2
L4880.0	504878.6	5408007.3	7987.29981	268.41	102.79	48.825027	-86.933533	56064.89	56243.9	6.05	56070.95	56081.14453	56071.30994	56077.21484	504878.6	5408007.3
L4880.0	504878.6	5408006.1	7987.39990	267.82	94.61	48.825017	-86.933532	56064.90	56243.9	6.05	56070.95	56081.19922	56071.56582	56077.45313	504878.6	5408006.1
L4880.0	504878.6	5408004.4	7987.50000	267.14	94.61	48.825001	-86.933532	56064.82	56243.9	6.05	56070.87	56081.17578	56071.83248	56077.70313	504878.6	5408004.4
L4880.0	504878.6	5408003.0	7987.60010	266.12	94.61	48.824988	-86.933532	56064.92	56244	6.05	56070.97	56081.32813	56072.08901	56077.93750	504878.6	5408003.0
L4880.0	504878.6	5408003.0	7987.70020	266.55	97.55	48.824988	-86.933532	56065.25	56244	6.05	56071.30	56081.71094	56072.38921	56078.21875	504878.6	5408003.0
L4880.0	504878.6	5408001.5	7987.79981	264.72	103.32	48.824975	-86.933533	56065.03	56244	6.04	56071.07	56081.53516	56072.53699	56078.34375	504878.6	5408001.5
L4880.0	504878.6	5408000.1	7987.89990	264.59	103.32	48.824962	-86.933533	56065.53	56244	6.04	56071.57	56082.08594	56072.82165	56078.60547	504878.6	5408000.1
L4880.0	504878.6	5407998.8	7988.00000	263.18	101.76	48.824951	-86.933533	56066.06	56244	6.04	56072.10	56082.66797	56073.10740	56078.86719	504878.6	5407998.8
L4880.0	504878.6	5407997.2	7988.10010	264.04	101.76	48.824936	-86.933533	56066.74	56244	6.04	56072.78	56083.39844	56073.41565	56079.15234	504878.6	5407997.2
L4880.0	504878.6	5407997.2	7988.20020	262.88	103.33	48.824936	-86.933533	56067.20	56244	6.04	56073.24	56083.91016	56073.68228	56079.39063	504878.6	5407997.2
L4880.0	504878.6	5407996.0	7988.29981	263.34	103.28	48.824925	-86.933533	56067.12	56244	6.03	56073.15	56083.87109	56073.85509	56079.53906	504878.6	5407996.0
L4880.0	504878.6	5407994.5	7988.39990	262.91	103.29	48.824912	-86.933533	56067.18	56244	6.03	56073.21	56083.98047	56074.05444	56079.71094	504878.6	5407994.5
L4880.0	504878.6	5407993.0	7988.50000	264.63	103.29	48.824898	-86.933533	56067.47	56244	6.03	56073.50	56084.32031	56074.29156	56079.92188	504878.6	5407993.0
L4880.0	504878.6	5407991.6	7988.60010	265.80	103.77	48.824886	-86.933533	56067.86	56244	6.03	56073.88	56084.74609	56074.54193	56080.14453	504878.6	5407991.6
L4880.0	504878.5	5407989.9	7988.70020	265.89	103.86	48.824871	-86.933533	56068.12	56244	6.03	56074.14	56085.05469	56074.77272	56080.34766	504878.5	5407989.9
L4880.0	504878.5	5407989.9	7988.79981	268.86	103.97	48.824871	-86.933533	56068.44	56244	6.02	56074.46	56085.42188	56075.01191	56080.55469	504878.5	5407989.9
L4880.0	504878.6	5407988.3	7988.89990	269.45	103.97	48.824856	-86.933533	56068.29	56244	6.02	56074.31	56085.32031	56075.18272	56080.69531	504878.6	5407988.3
L4880.0	504878.5	5407987.1	7989.00000	269.27	103.97	48.824845	-86.933534	56068.41	56244	6.02	56074.43	56085.48438	56075.39371	56080.87500	504878.5	5407987.1
L4880.0	504878.5	5407987.1	7989.10010	268.97	104.16	48.824845	-86.933534	56068.52	56244	6.02	56074.54	56085.64063	56075.60356	56081.05469	504878.5	5407987.1
L4880.0	504878.5	5407985.4	7989.20020	269.97	104.29	48.824830	-86.933534	56068.31	56244	6.02	56074.34	56085.48438	56075.77224	56081.19141	504878.5	5407985.4

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4880.0	504878.5	5407984.0	7989.29981	270.12	104.29	48.824817	-86.933534	56068.52	56244	6.03	56074.54	56085.72656	56075.99397	56081.37891	504878.5	5407984.0
L4880.0	504878.5	5407982.5	7989.39990	267.82	104.15	48.824804	-86.933534	56069.15	56244	6.03	56075.18	56086.41016	56076.27106	56081.62109	504878.5	5407982.5
L4880.0	504878.5	5407981.6	7989.50000	266.33	104.15	48.824796	-86.933534	56070.00	56244	6.03	56076.03	56087.30078	56076.57311	56081.89063	504878.5	5407981.6
L4880.0	504878.5	5407980.1	7989.60010	263.38	104.19	48.824783	-86.933534	56070.19	56244	6.03	56076.22	56087.53125	56076.78930	56082.07031	504878.5	5407980.1
L4880.0	504878.5	5407978.5	7989.70020	261.31	104.19	48.824768	-86.933534	56070.16	56244	6.03	56076.19	56087.54297	56076.97616	56082.22266	504878.5	5407978.5
L4880.0	504878.5	5407978.5	7989.79981	259.48	103.96	48.824768	-86.933534	56069.78	56244	6.04	56075.81	56087.20313	56077.11551	56082.32422	504878.5	5407978.5
L4880.0	504878.5	5407976.8	7989.89990	258.75	103.96	48.824753	-86.933534	56069.83	56244	6.04	56075.87	56087.30078	56077.31066	56082.48438	504878.5	5407976.8
L4880.0	504878.5	5407975.3	7990.00000	259.48	104.09	48.824740	-86.933534	56070.29	56244	6.04	56076.33	56087.80078	56077.55934	56082.69531	504878.5	5407975.3
L4880.0	504878.5	5407975.3	7990.10010	259.57	104.1	48.824740	-86.933534	56070.62	56244	6.04	56076.66	56088.16797	56077.79087	56082.89063	504878.5	5407975.3
L4880.0	504878.5	5407973.9	7990.20020	259.57	104.18	48.824727	-86.933535	56071.07	56244	6.04	56077.10	56088.64453	56078.03828	56083.09766	504878.5	5407973.9
L4880.0	504878.5	5407972.3	7990.29981	261.60	104.18	48.824712	-86.933535	56070.86	56244	6.04	56076.90	56088.48047	56078.19465	56083.21484	504878.5	5407972.3
L4880.0	504878.5	5407971.1	7990.39990	263.74	104.14	48.824702	-86.933535	56071.22	56244	6.04	56077.25	56088.86328	56078.42893	56083.41016	504878.5	5407971.1
L4880.0	504878.5	5407969.7	7990.50000	268.28	104.14	48.824689	-86.933535	56071.63	56244	6.04	56077.66	56089.30859	56078.67247	56083.61328	504878.5	5407969.7
L4880.0	504878.5	5407968.3	7990.60010	268.99	104.17	48.824676	-86.933535	56071.75	56244	6.03	56077.79	56089.46875	56078.87373	56083.77344	504878.5	5407968.3
L4880.0	504878.5	5407967.4	7990.70020	269.69	104.52	48.824668	-86.933535	56072.48	56244	6.03	56078.52	56090.23438	56079.16811	56084.02734	504878.5	5407967.4
L4880.0	504878.5	5407965.7	7990.79981	269.52	104.52	48.824652	-86.933535	56072.61	56244	6.03	56078.64	56090.38281	56079.36743	56084.18750	504878.5	5407965.7
L4880.0	504878.5	5407965.7	7990.89990	271.59	103.94	48.824652	-86.933535	56072.36	56244	6.03	56078.39	56090.16406	56079.50292	56084.28125	504878.5	5407965.7
L4880.0	504878.5	5407964.2	7991.00000	273.47	103.94	48.824639	-86.933535	56072.89	56244	6.03	56078.92	56090.72266	56079.76805	56084.50391	504878.5	5407964.2
L4880.0	504878.5	5407962.5	7991.10010	272.73	104.59	48.824624	-86.933534	56073.34	56244	6.03	56079.37	56091.20313	56080.02232	56084.71484	504878.5	5407962.5
L4880.0	504878.5	5407961.4	7991.20020	270.07	103.84	48.824614	-86.933534	56073.88	56244	6.03	56079.90	56091.76172	56080.29418	56084.94141	504878.5	5407961.4
L4880.0	504878.5	5407961.4	7991.29981	267.85	103.84	48.824614	-86.933534	56074.51	56244	6.03	56080.54	56092.42969	56080.59046	56085.19531	504878.5	5407961.4
L4880.0	504878.5	5407958.3	7991.39990	269.46	103.84	48.824586	-86.933534	56075.12	56244	6.03	56081.15	56093.06641	56080.88473	56085.44531	504878.5	5407958.3
L4880.0	504878.5	5407958.3	7991.50000	266.08	103.01	48.824586	-86.933534	56075.16	56244	6.03	56081.19	56093.12891	56081.06868	56085.58594	504878.5	5407958.3
L4880.0	504878.6	5407956.8	7991.60010	265.26	103.01	48.824573	-86.933534	56075.14	56244	6.03	56081.17	56093.13281	56081.21048	56085.68359	504878.6	5407956.8
L4880.0	504878.6	5407955.1	7991.70020	264.41	103.8	48.824558	-86.933534	56075.24	56244	6.03	56081.27	56093.25781	56081.45198	56085.87891	504878.6	5407955.1
L4880.0	504878.6	5407955.1	7991.79981	264.81	103.97	48.824558	-86.933534	56075.90	56244	6.03	56081.93	56093.94141	56081.64460	56086.02734	504878.6	5407955.1
L4880.0	504878.6	5407953.4	7991.89990	265.19	101.9	48.824542	-86.933533	56076.76	56244	6.03	56082.79	56094.82031	56081.82087	56086.15625	504878.6	5407953.4
L4880.0	504878.6	5407951.8	7992.00000	264.88	101.9	48.824527	-86.933533	56076.74	56244	6.03	56082.77	56094.82031	56082.07198	56086.36328	504878.6	5407951.8
L4880.0	504878.6	5407951.8	7992.10010	266.69	102.19	48.824527	-86.933533	56077.27	56244	6.03	56083.30	56095.37109	56082.27652	56086.52344	504878.6	5407951.8
L4880.0	504878.6	5407950.3	7992.20020	267.25	103.27	48.824514	-86.933533	56077.01	56244	6.03	56083.04	56095.12891	56082.54644	56086.74609	504878.6	5407950.3
L4880.0	504878.6	5407949.1	7992.29981	267.99	103.27	48.824503	-86.933533	56077.57	56244	6.03	56083.60	56095.70703	56082.74927	56086.90234	504878.6	5407949.1
L4880.0	504878.6	5407947.4	7992.39990	266.53	101.4	48.824488	-86.933533	56077.37	56244	6.03	56083.40	56095.52344	56083.01225	56087.11719	504878.6	5407947.4
L4880.0	504878.6	5407946.4	7992.50000	266.65	101.78	48.824479	-86.933534	56077.39	56244	6.03	56083.42	56095.55859	56083.25603	56087.31641	504878.6	5407946.4
L4880.0	504878.6	5407945.0	7992.60010	266.48	101.78	48.824466	-86.933534	56077.75	56244	6.03	56083.78	56095.93359	56083.47471	56087.48828	504878.6	5407945.0
L4880.0	504878.6	5407945.0	7992.70020	266.42	101.41	48.824466	-86.933534	56077.57	56244	6.03	56083.60	56095.76953	56083.72764	56087.69531	504878.6	5407945.0
L4880.0	504878.6	5407943.4	7992.79981	269.63	103.59	48.824452	-86.933534	56077.92	56244	6.03	56083.95	56096.13281	56083.94596	56087.86328	504878.6	5407943.4
L4880.0	504878.5	5407942.2	7992.89990	269.26	103.59	48.824441	-86.933534	56078.86	56244	6.03	56084.89	56097.08203	56084.13684	56088.00781	504878.5	5407942.2
L4880.0	504878.5	5407940.9	7993.00000	270.31	103.64	48.824430	-86.933534	56079.08	56244	6.03	56085.11	56097.31250	56084.36617	56088.19141	504878.5	5407940.9
L4880.0	504878.5	5407939.5	7993.10010	271.14	103.64	48.824417	-86.933534	56079.27	56244	6.03	56085.30	56097.51563	56084.59542	56088.37109	504878.5	5407939.5
L4880.0	504878.5	5407938.0	7993.20020	270.59	103.67	48.824404	-86.933534	56079.44	56244	6.03	56085.47	56097.69141	56084.82370	56088.55078	504878.5	5407938.0
L4880.0	504878.5	5407936.9	7993.29981	271.42	104.05	48.824394	-86.933534	56079.74	56244	6.03	56085.77	56098.00000	56085.04622	56088.72656	504878.5	5407936.9
L4880.0	504878.5	5407935.5	7993.39990	273.15	104.05	48.824381	-86.933534	56080.07	56244	6.03	56086.10	56098.33594	56085.26673	56088.90234	504878.5	5407935.5
L4880.0	504878.5	5407935.5	7993.50000	270.97	104.13	48.824381	-86.933534	56080.58	56244	6.03	56086.61	56098.85156	56085.48071	56089.06641	504878.5	5407935.5
L4880.0	504878.5	5407934.3	7993.60010	269.75	104.11	48.824370	-86.933534	56081.44	56244	6.03	56087.47	56099.71875	56085.68252	56089.22266	504878.5	5407934.3
L4880.0	504878.5	5407932.6	7993.70020	269.51	104.11	48.824355	-86.933534	56081.26	56244	6.03	56087.29	56099.54297	56085.91349	56089.40234	504878.5	5407932.6
L4880.0	504878.6	5407931.2	7993.79981	269.16	103.59	48.824343	-86.933534	56080.76	56244	6.03	56086.79	56099.04297	56086.15517	56089.59766	504878.6	5407931.2
L4880.0	504878.6	5407931.2	7993.89990	269.88	103.59	48.824343	-86.933534	56080.81	56244	6.03	56086.83	56099.08594	56086.37995	56089.77734	504878.6	5407931.2
L4880.0	504878.6	5407929.8	7994.00000	270.14	103.21	48.824330	-86.933534	56081.29	56244	6.03	56087.32	56099.57813	56086.58766	56089.93750	504878.6	5407929.8
L4880.0	504878.6	5407928.4	7994.10010	271.01	100.18	48.824317	-86.933534	56081.41	56244	6.03	56087.44	56099.69531	56086.80853	56090.10938	504878.6	5407928.4
L4880.0	504878.6	5407926.7	7994.20020	268.87	100.18	48.824302	-86.933534	56081.57	56244	6.03	56087.60	56099.85547	56087.02766	56090.28125	504878.6	5407926.7
L4880.0	504878.6	5407924.8	7994.29981	264.95	92.85	48.824285	-86.933534	56082.22	56244	6.04	56088.26	56100.51172	56087.22380	56090.42969	504878.6	5407924.8
L4880.0	504878.6	5407923.1	7994.39990	263.06	92.85	48.824270	-86.933534	56082.38	56244	6.04	56088.41	56100.66016	56087.44216	56090.60156	504878.6	5407923.1
L4880.0	504878.6	5407923.1	7994.50000	263.09	94.62	48.824270	-86.933534	56083.19	56244	6.04	56089.23	56101.47266	56087.62822	56090.73828	504878.6	5407923.1
L4880.0	504878.6	5407921.7	7994.60010	264.21	94.62	48.824257	-86.933534	56083.11	56244	6.04	56089.15	56101.38672	56087.85741	56090.92188	504878.6	5407921.7
L4880.0	504878.6	5407921.7	7994.70020	264.75	94.01	48.824257	-86.933534	56083.67	56244	6.04	56089.71	56101.94141	56088.05550	56091.07422	504878.6	5407921.7
L4880.0	504878.6	5407920.0	7994.79981	266.41	95.22	48.824242	-86.933534	56083.49	56244	6.05	56089.53	56101.75391	56088.28965	56091.26172	504878.6	5407920.0
L4880.0	504878.6	5407918.3	7994.89990	267.94	95.22	48.824227	-86.933534	56083.71	56244	6.05	56089.76	56101.97266	56088.50360	56091.42969	504878.6	5407918.3
L4880.0	504878.6	5407916.9	7995.00000	268.44	97.04	48.824214	-86.933534	56084.05	56243.9	6.05	56090.10	56102.30469	56088.71217	56091.58984	504878.6	5407916.9
L4880.0	504878.6	5407915.5	7995.10010	269.23	97.04	48.824201	-86.933534	56084.50	56243.9	6.05	56090.55	56102.74219	56088.91567	56091.75000	504878.6	5407915.5
L4880.0	504878.6	5407915.5	7995.20020	269.81	92.82	48.824201	-86.933534	56084.68	56243.9	6.05	56090.73	56102.91016	56089.13094	56091.91797	504878.6	5407915.5
L4880.0	504878.6	5407913.6	7995.29981	269.66	92.82	48.824185	-86.933533	56084.88	56243.9	6.05	56090.93	56103.09766	56089.34441	56092.08594	504878.6	5407913.6
L4880.0	504878.6	5407912.2	7995.39990	269.98	94.14	48.824172	-86.933533	56085.28	56243.9	6.05	56091.33	56103.48438	56089.54854	56092.24609	504878.6	5407912.2
L4880.0	504878.6	5407912.2	7995.50000	269.84	94.14	48.824172	-86.933533	56085.56	56243.9	6.05	56091.61	56103.74609	56089.75646	56092.40625	504878.6	5407912.2
L4880.0	504878.6	5407910.8	7995.60010	268.86	94.6	48.824159	-86.933533	56085.43	56243.9	6.05	56091.48	56103.60156	56089.97928	56092.58594	504878.6	5407910.8
L4880.0	504878.7	5407909.6	7995.70020	271.07	87.16	48.824148	-86.933533	56084.91	56243.9	6.05	56090.96	56103.06250	56090.21639	56092.77734	504878.7	5407909.6
L4880.0	504878.7	5407908.1	7995.79981	271.26	87.16	48.824135	-86.933533	56085.13	56243.9	6.05	56091.18	56103.26563	56090.42243	56092.94141	504878.7	5407908.1
L4880.0	504878.7	5407906.4	7995.89990	270.64	91.49	48.824120	-86.933532	56085.46	56243.9	6.05	56091.51	56103.57422	56090.62228	56093.09375	504878.7	5407906.4
L4880.0	504878.7	5407905.5	7996.00000	269.67	91.49	48.824112	-86.933532	56086.78	56243.9	6.05	56092.83	56104.87109	56090.77402	56093.20313	504878.7	5407905.5
L4880.0	504878.7	5407905.5	7996.10010	264.88	95.74	48.824112	-86.933532	56086.52	56243.9	6.05	56092.57	56104.58984	56090.99570	56093.38281	504878.7	5407905.5
L4880.0	504878.7	5407903.8	7996.20020	265.38	91.54	48.824096	-86.933532	56086.78	56243.9	6.05	56092.83	56104.82813	56091.19092	56093.53516	504878.7	5407903.8
L4880.0	504878.8	5407901.7	7996.29981	271.14	91.54	48.824077	-86.933532	56086.53	56243.9	6.05	56092.58	56104.55469	56091.41362	56093.71484	504878.8	5407901.7
L4880.0	504878.8	5407901.7	7996.39990	268.28	89.58	48.824077	-86.933532	56087.13	56243.9	6.05	56093.18	56105.12891	56091.58509	56093.84375	504878.8	5407901.7
L4880.0	504878.8	5407900.3	7996.50000	266.67	89.58	48.824065	-86.933532	56087.58	56243.9	6.05	56093.63	56105.55078	56091.76094	56093.97656	504878.8	5407900.3
L4880.0	504878.8	5407898.6	7996.60010	266.18	94.51	48.824050	-86.933531	56088.34	56243.9	6.05	56094.39	56106.28516	56091.90881	56094.08203	504878.8	5407898.6
L4880.0	504878.8	5407897.4	7996.70020	267.63	95.96	48.824039	-86.933531	56088.22	56243.9	6.05	56094.27	56106.13672	56092.11963	56094.25391	504878.8	5407897.4
L4880.0	504878.8	5407895.7	7996.79981	266.96	95.96	48.824023	-86.933531	56088.60	56243.9	6.05	56094.65	56106.48438	56092.28889	56094.37891	504878.8	5407895.7
L4880.0	504878.8	5407894.3	7996.89990	266.12	92.56	48.824011	-86.933531	56089.13	56243.9	6.05	56095.18	56106.98438	56092.74427	56094.79688	504878.8	5407894.3
L4880.0	504878.8	5407894.3	7997.00000	266.07	104.13	48.824011	-86.933531	56089.07	56243.9	6.05	56095.12	56106.89063	56092.86920	56094.87891	504878.8	5407894.3
L4880.0	504878.8	5407892.9	7997.10010	265.44	104.13	48.823998	-86.933531	56089.31	56243.9	6.05	56095.36	56107.09766	56093.05240	56095.02344	504878.8	5407892.9
L4880.0	504878.8	5407892.9	7997.20020	265.27	98.04	48.823998	-86.933531	56089.76	56243.9	6.05	56095.81	56107.51563	56093.27337	56095.20703	504878.8	5407892.9
L4880.0	504878.8	5407891.4	7997.29981	265.97	98.04	48.823985	-86.933531	56089.88	56243.9	6.05	56095.94	56107.60938	56093.43456	56095.32813	504878.8	5407891.4
L4880.0	504878.8	5407890.0	7997.39990	267.25	103.87	48.823972	-86.933531	56090.20	56243.9	6.05	56096.25	56107.88281	56093.62800	56095.48047	504878.8	5407890.0
L4880.0	504878.8	5407888.5	7997.50000	267.17	103.08	48.823958	-86.933531	56090.59	56243.9	6.06	56096.65	56108.24609	56093.83657	56095.65234	504878.8	5407888.5
L4880.0	504878.8	5407887.0	7997.60010	267.88	103.08	48.823945	-86.933531	56090.64	56243.9	6.06	56096.70	56108.25781	56093.98512	56095.76172	504878.8	5407887.0
L4880.0	504878.8	5407887.0	7997.70020	268.26	102.73	48.823945	-86.933531	56091.00	56243.9	6.06	56097.06	56108.57813	56094.18671	56095.92969	504878.8	5407887.0
L4880.0	504878.8	5407885.4	7997.79981	268.57	102.73	48.823930	-86.933532	56091.79	56243.9	6.06	56097.84	56109.31641	56094.45739	56096.16016	504878.8	5407885.4
L4880.0	504878.8	5407884.2	7997.89990	267.65	102.88	48.823920	-86.933532	56091.48	56243.9	6.06	56097.54	56108.97266	56094.55047	56096.21875	504878.8	5407884.2
L4880.0	504878.8	5407882.5	7998.00000	266.84	103.08	48.823904	-86.933532	56091.33	56243.9	6.06	56097.39	56108.78125	56094.66967	56096.30078	504878.8	5407882.5
L4880.0	504878.8	5407882.5	7998.10010	264.92	103.08	48.823904	-86.933532	56091.81	56243.9	6.06	56097.87	56109.21875	56094.89116	56096.48828	504878.8	5407882.5
L4880.0	504878.7	5407880.6	7998.20020	264.29	99.29	48.823887	-86.933532	56091.16	56243.9	6.06	56097.22	56108.52344	56094.93099	56096.49219	504878.7	5407880.6
L4880.0	504878.7	5407878.9	7998.29981	264.63	99.29	48.823872	-86.933533	56091.58	56243.9	6.06	56097.64	56108.89453	56095.14251	56096.66797	504878.7	5407878.9
L4880.0	504878.7	5407877.4	7998.39990	264.97	101.59	48.823859	-86.933533	56091.73	56243.9	6.06	56097.79	56109.00000	56095.31027	56096.80469	504878.7	5407877.4
L4880.0	504878.7	5407876.2	7998.50000	262.95	93.39	48.823847	-86.933533	56092.47	56243.9	6.06	56098.53	56109.69141	56095.57169	56097.03125	504878.7	5407876.2

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4880.0	504878.6	5407874.5	7998.60010	261.76	93.39	48.823833	-86.933534	56092.67	56243.9	6.06	56098.73	56109.83984	56095.74628	56097.17188	504878.6	5407874.5
L4880.0	504878.6	5407874.5	7998.70020	263.11	92.43	48.823833	-86.933534	56092.34	56243.9	6.06	56098.40	56109.46094	56095.83558	56097.23047	504878.6	5407874.5
L4880.0	504878.6	5407873.1	7998.79981	262.68	92.43	48.823820	-86.933534	56092.47	56243.9	6.06	56098.53	56109.53906	56095.99752	56097.35938	504878.6	5407873.1
L4880.0	504878.6	5407871.7	7998.89990	263.88	93.86	48.823807	-86.933534	56092.84	56243.9	6.06	56098.90	56109.85547	56096.19701	56097.52734	504878.6	5407871.7
L4880.0	504878.6	5407870.2	7999.00000	266.55	93.86	48.823794	-86.933534	56092.63	56243.9	6.06	56098.68	56109.58203	56096.30137	56097.59766	504878.6	5407870.2
L4880.0	504878.6	5407870.2	7999.10010	267.81	93.47	48.823794	-86.933534	56093.56	56243.9	6.06	56099.62	56110.46875	56096.59025	56097.85547	504878.6	5407870.2
L4880.0	504878.6	5407868.8	7999.20020	267.10	93.47	48.823781	-86.933534	56093.38	56243.9	6.06	56099.44	56110.23438	56096.69901	56097.93359	504878.6	5407868.8
L4880.0	504878.6	5407867.5	7999.29981	268.72	84.49	48.823769	-86.933534	56093.46	56243.9	6.07	56099.52	56110.25781	56096.84813	56098.05469	504878.6	5407867.5
L4880.0	504878.6	5407865.6	7999.39990	267.03	89.04	48.823752	-86.933534	56093.38	56243.9	6.07	56099.45	56110.12891	56096.97201	56098.14844	504878.6	5407865.6
L4880.0	504878.6	5407865.6	7999.50000	267.66	89.04	48.823752	-86.933534	56093.58	56243.9	6.07	56099.65	56110.26953	56097.13740	56098.28516	504878.6	5407865.6
L4880.0	504878.6	5407864.2	7999.60010	266.22	90.48	48.823740	-86.933534	56093.41	56243.9	6.07	56099.48	56110.04297	56097.24210	56098.36328	504878.6	5407864.2
L4880.0	504878.7	5407862.7	7999.70020	266.37	90.48	48.823727	-86.933534	56093.71	56243.9	6.07	56099.78	56110.28125	56097.41894	56098.51172	504878.7	5407862.7
L4880.0	504878.7	5407861.2	7999.79981	267.82	93.2	48.823712	-86.933533	56094.14	56243.9	6.08	56100.22	56110.66016	56097.61431	56098.67969	504878.7	5407861.2
L4880.0	504878.7	5407861.2	7999.89990	262.05	92.51	48.823712	-86.933533	56094.39	56243.9	6.08	56100.47	56110.84766	56097.77668	56098.81250	504878.7	5407861.2
L4880.0	504878.7	5407859.7	8000.00000	264.11	92.54	48.823700	-86.933533	56094.57	56243.9	6.08	56100.65	56110.96484	56097.92511	56098.93750	504878.7	5407859.7
L4880.0	504878.7	5407857.9	8000.10010	268.65	92.54	48.823683	-86.933533	56094.52	56243.9	6.08	56100.60	56110.85156	56098.03701	56099.02344	504878.7	5407857.9
L4880.0	504878.7	5407856.7	8000.10010	268.65	92.54	48.823672	-86.933533	56094.54	56243.9	6.08	56100.62	56110.80469	56098.15756	56099.11719	504878.7	5407856.7
L4880.0	504878.7	5407855.5	8000.20020	264.82	96.17	48.823662	-86.933533	56095.20	56243.9	6.08	56101.28	56111.39844	56098.36260	56099.29688	504878.7	5407855.5
L4880.0	504878.7	5407854.3	8000.29981	263.73	98.35	48.823651	-86.933533	56094.92	56243.9	6.08	56101.00	56111.05078	56098.43926	56099.34766	504878.7	5407854.3
L4880.0	504878.7	5407853.2	8000.50000	265.71	98.35	48.823641	-86.933533	56094.67	56243.9	6.08	56100.76	56110.74609	56098.52433	56099.41016	504878.7	5407853.2
L4880.0	504878.7	5407853.2	8000.60010	264.58	93.58	48.823641	-86.933533	56095.18	56243.9	6.09	56101.27	56111.18750	56098.69940	56099.56250	504878.7	5407853.2
L4880.0	504878.8	5407851.8	8000.70020	263.10	88.53	48.823628	-86.933532	56095.30	56243.9	6.09	56101.38	56111.22656	56098.82557	56099.66406	504878.8	5407851.8
L4880.0	504878.8	5407851.8	8000.79981	264.06	88.53	48.823628	-86.933532	56096.09	56243.9	6.09	56102.18	56111.95703	56099.02243	56099.83594	504878.8	5407851.8
L4880.0	504878.8	5407848.8	8000.89990	262.68	89.22	48.823601	-86.933532	56095.73	56243.9	6.09	56101.82	56111.52734	56099.10000	56099.89453	504878.8	5407848.8
L4880.0	504878.8	5407848.8	8001.00000	262.79	89.84	48.823601	-86.933532	56096.17	56243.9	6.09	56102.26	56111.89453	56099.25638	56100.02734	504878.8	5407848.8
L4880.0	504878.8	5407847.3	8001.10010	262.70	93.76	48.823588	-86.933532	56095.88	56243.9	6.09	56101.97	56111.53125	56099.34812	56100.09766	504878.8	5407847.3
L4880.0	504878.8	5407846.1	8001.20020	262.75	93.76	48.823577	-86.933531	56095.75	56243.9	6.09	56101.84	56111.32813	56099.45803	56100.18750	504878.8	5407846.1
L4880.0	504878.8	5407844.8	8001.29981	261.58	99.73	48.823565	-86.933531	56096.55	56243.9	6.09	56102.63	56112.04297	56099.64268	56100.35156	504878.8	5407844.8
L4880.0	504878.9	5407843.6	8001.39990	251.08	99.73	48.823555	-86.933531	56096.62	56243.9	6.09	56102.70	56112.03906	56099.77202	56100.46094	504878.9	5407843.6
L4880.0	504878.9	5407842.2	8001.50000	248.87	103.76	48.823542	-86.933531	56096.41	56243.9	6.08	56102.50	56111.76563	56099.88481	56100.55469	504878.9	5407842.2
L4880.0	504878.9	5407842.2	8001.60010	257.94	92.46	48.823542	-86.933531	56096.52	56243.9	6.08	56102.60	56111.78906	56100.02333	56100.67188	504878.9	5407842.2
L4880.0	504878.9	5407840.7	8001.70020	259.01	96.08	48.823529	-86.933530	56096.12	56243.9	6.08	56102.20	56111.31250	56100.12801	56100.75781	504878.9	5407840.7
L4880.0	504879.0	5407839.1	8001.79981	259.85	96.08	48.823514	-86.933530	56096.59	56243.9	6.08	56102.67	56111.70313	56100.30165	56100.91406	504879.0	5407839.1
L4880.0	504879.0	5407837.8	8001.89990	260.92	97.03	48.823502	-86.933529	56096.84	56243.9	6.08	56102.92	56111.87500	56100.46402	56101.05859	504879.0	5407837.8
L4880.0	504879.0	5407836.1	8002.00000	260.81	97.03	48.823487	-86.933529	56097.38	56243.9	6.08	56103.46	56112.33594	56100.65921	56101.23438	504879.0	5407836.1
L4880.0	504879.0	5407836.1	8002.10010	262.66	93.62	48.823487	-86.933529	56097.93	56243.9	6.08	56104.01	56112.80859	56100.86782	56101.42578	504879.0	5407836.1
L4880.0	504879.1	5407834.7	8002.20020	262.52	93.62	48.823474	-86.933528	56098.09	56243.9	6.08	56104.16	56112.87891	56101.04625	56101.58984	504879.1	5407834.7
L4880.0	504879.1	5407832.8	8002.29981	263.35	91.02	48.823457	-86.933528	56098.06	56243.9	6.08	56104.13	56112.76953	56101.20793	56101.73438	504879.1	5407832.8
L4880.0	504879.1	5407831.1	8002.39990	262.71	91.02	48.823442	-86.933528	56097.78	56243.9	6.08	56103.86	56112.41797	56101.33480	56101.84375	504879.1	5407831.1
L4880.0	504879.1	5407831.1	8002.50000	263.48	89.06	48.823442	-86.933528	56098.32	56243.9	6.07	56104.39	56112.86328	56101.57640	56102.07031	504879.1	5407831.1
L4880.0	504879.1	5407829.7	8002.60010	265.00	91.49	48.823429	-86.933528	56098.79	56243.9	6.07	56104.86	56113.25391	56101.81950	56102.30078	504879.1	5407829.7
L4880.0	504879.1	5407828.3	8002.70020	264.77	91.49	48.823417	-86.933528	56098.99	56243.9	6.07	56105.06	56113.37109	56102.01941	56102.48438	504879.1	5407828.3
L4880.0	504879.1	5407828.3	8002.79981	264.35	91.49	48.823417	-86.933528	56098.97	56243.9	6.07	56105.04	56113.26953	56101.86686	56102.31641	504879.1	5407828.3
L4880.0	504879.1	5407826.8	8002.89990	266.13	101.84	48.823404	-86.933528	56099.09	56243.9	6.07	56105.17	56113.31641	56102.04530	56102.48047	504879.1	5407826.8
L4880.0	504879.1	5407824.9	8003.00000	270.00	101.84	48.823386	-86.933528	56099.57	56243.9	6.07	56105.64	56113.69922	56102.19634	56102.62109	504879.1	5407824.9
L4880.0	504879.0	5407823.2	8003.10010	270.75	98.01	48.823371	-86.933529	56099.23	56243.9	6.07	56105.30	56113.27734	56102.38260	56102.79297	504879.0	5407823.2
L4880.0	504879.0	5407822.1	8003.20020	272.43	102.23	48.823361	-86.933529	56098.84	56243.9	6.07	56104.91	56112.80078	56102.55189	56102.94922	504879.0	5407822.1
L4880.0	504879.0	5407822.1	8003.29981	273.43	102.23	48.823361	-86.933529	56098.86	56243.9	6.07	56104.94	56112.74609	56102.69393	56103.07813	504879.0	5407822.1
L4880.0	504879.0	5407818.7	8003.39990	274.73	102.23	48.823331	-86.933530	56099.25	56243.9	6.07	56105.33	56113.05469	56102.81993	56103.19141	504879.0	5407818.7
L4880.0	504879.0	5407818.7	8003.50000	277.52	97.33	48.823331	-86.933530	56100.13	56243.9	6.07	56106.20	56113.83594	56102.93053	56103.29297	504879.0	5407818.7
L4880.0	504878.9	5407817.1	8003.60010	276.62	97.33	48.823316	-86.933530	56099.68	56243.9	6.08	56105.76	56113.31250	56103.06315	56103.41406	504878.9	5407817.1
L4880.0	504878.9	5407817.1	8003.70020	276.92	94.7	48.823316	-86.933530	56100.16	56243.9	6.08	56106.24	56113.70703	56103.16914	56103.50781	504878.9	5407817.1
L4880.0	504878.9	5407815.9	8003.79981	274.80	94.7	48.823305	-86.933531	56099.78	56243.9	6.08	56105.86	56113.23828	56103.29092	56103.61719	504878.9	5407815.9
L4880.0	504878.9	5407813.9	8003.89990	271.84	98.54	48.823288	-86.933531	56100.01	56243.9	6.08	56106.09	56113.38281	56103.39362	56103.71094	504878.9	5407813.9
L4880.0	504878.8	5407812.8	8004.00000	269.13	101.14	48.823277	-86.933532	56100.31	56243.9	6.08	56106.39	56113.59766	56103.48913	56103.79688	504878.8	5407812.8
L4880.0	504878.8	5407812.8	8004.10010	266.50	101.14	48.823277	-86.933532	56099.95	56243.9	6.08	56106.03	56113.15234	56103.60774	56103.90625	504878.8	5407812.8
L4880.0	504878.8	5407811.1	8004.20020	264.80	103.39	48.823262	-86.933532	56099.38	56243.9	6.08	56105.45	56112.48438	56103.74153	56104.02734	504878.8	5407811.1
L4880.0	504878.8	5407810.0	8004.29981	263.62	103.39	48.823252	-86.933532	56099.24	56243.9	6.08	56105.32	56112.26563	56103.85752	56104.13672	504878.8	5407810.0
L4880.0	504878.8	5407808.2	8004.39990	262.62	103.04	48.823236	-86.933533	56099.52	56243.9	6.08	56105.60	56112.46094	56103.94829	56104.21875	504878.8	5407808.2
L4880.0	504878.7	5407807.1	8004.50000	262.44	103.04	48.823226	-86.933533	56099.93	56243.9	6.07	56106.00	56112.77344	56104.02585	56104.28516	504878.7	5407807.1
L4880.0	504878.7	5407806.0	8004.60010	263.16	103.28	48.823216	-86.933533	56099.73	56243.9	6.07	56105.81	56112.49609	56104.14850	56104.40234	504878.7	5407806.0
L4880.0	504878.7	5407806.0	8004.70020	264.05	103.14	48.823216	-86.933533	56099.87	56243.9	6.07	56105.94	56112.53906	56104.20228	56104.44531	504878.7	5407806.0
L4880.0	504878.7	5407804.6	8004.79981	265.19	103.14	48.823203	-86.933533	56100.09	56243.9	6.07	56106.16	56112.67188	56104.32595	56104.56250	504878.7	5407804.6
L4880.0	504878.7	5407803.2	8004.89990	264.20	103.52	48.823191	-86.933533	56100.11	56243.9	6.07	56106.18	56112.60547	56104.41256	56104.64063	504878.7	5407803.2
L4880.0	504878.7	5407801.7	8005.00000	264.92	103.66	48.823178	-86.933533	56100.03	56243.9	6.07	56106.10	56112.43750	56104.48343	56104.70313	504878.7	5407801.7
L4880.0	504878.7	5407800.5	8005.10010	265.92	103.66	48.823167	-86.933533	56100.20	56243.9	6.07	56106.27	56112.52344	56104.60314	56104.81641	504878.7	5407800.5
L4880.0	504878.7	5407799.1	8005.20020	269.18	103.48	48.823154	-86.933533	56100.74	56243.9	6.07	56106.81	56112.97656	56104.79280	56105.00000	504878.7	5407799.1
L4880.0	504878.7	5407799.1	8005.29981	270.01	99.51	48.823154	-86.933533	56101.07	56243.9	6.07	56107.14	56113.21875	56104.94741	56105.14844	504878.7	5407799.1
L4880.0	504878.7	5407797.7	8005.39990	270.18	99.51	48.823142	-86.933533	56101.19	56243.9	6.07	56107.26	56113.25391	56105.06643	56105.26172	504878.7	5407797.7
L4880.0	504878.7	5407795.8	8005.50000	270.83	95.47	48.823124	-86.933533	56101.32	56243.9	6.07	56107.40	56113.30859	56105.19079	56105.37891	504878.7	5407795.8
L4880.0	504878.7	5407795.8	8005.60010	269.72	98.41	48.823124	-86.933533	56101.30	56243.9	6.08	56107.37	56113.19141	56105.28299	56105.46484	504878.7	5407795.8
L4880.0	504878.8	5407793.9	8005.70020	271.09	98.41	48.823107	-86.933533	56101.88	56243.9	6.08	56107.95	56113.68750	56105.49300	56105.66797	504878.8	5407793.9
L4880.0	504878.8	5407793.0	8005.79981	269.42	100.22	48.823099	-86.933533	56101.68	56243.9	6.08	56107.75	56113.40234	56105.54938	56105.71875	504878.8	5407793.0
L4880.0	504878.8	5407791.6	8005.89990	267.24	100.22	48.823086	-86.933532	56101.86	56243.9	6.08	56107.94	56113.50781	56105.49176	56105.65625	504878.8	5407791.6
L4880.0	504878.8	5407790.3	8006.00000	267.57	99.61	48.823075	-86.933532	56101.82	56243.9	6.08	56107.90	56113.38281	56105.61436	56105.77344	504878.8	5407790.3
L4880.0	504878.8	5407788.7	8006.10010	266.58	95.33	48.823060	-86.933532	56101.53	56243.9	6.08	56107.61	56113.00781	56105.75494	56105.91016	504878.8	5407788.7
L4880.0	504878.8	5407787.0	8006.20020	267.27	95.33	48.823046	-86.933532	56102.08	56243.9	6.08	56108.15	56113.46484	56105.82248	56105.97266	504878.8	5407787.0
L4880.0	504878.8	5407787.0	8006.29981	266.98	99.84	48.823046	-86.933532	56102.03	56243.9	6.07	56108.10	56113.33203	56105.93785	56106.08594	504878.8	5407787.0
L4880.0	504878.8	5407785.3	8006.39990	265.75	99.84	48.823030	-86.933532	56101.95	56243.9	6.07	56108.02	56113.16797	56106.05409	56106.19531	504878.8	5407785.3
L4880.0	504878.8	5407785.3	8006.50000	264.93	103.38	48.823030	-86.933532	56102.04	56243.9	6.07	56108.11	56113.17578	56106.15471	56106.29297	504878.8	5407785.3
L4880.0	504878.8	5407783.6	8006.60010	265.89	103.38	48.823015	-86.933532	56102.00	56243.9	6.07	56108.07	56113.05469	56106.26553	56106.39844	504878.8	5407783.6
L4880.0	504878.8	5407782.1	8006.70020	267.34	93.53	48.823002	-86.933532	56102.56	56243.9	6.07	56108.63	56113.53125	56106.32394	56106.45313	504878.8	5407782.1
L4880.0	504878.8	5407780.5	8006.79981	267.78	95.45	48.822987	-86.933532	56102.76	56243.9	6.06	56108.83	56113.64844	56106.41309	56106.53906	504878.8	5407780.5
L4880.0	504878.8	5407780.5	8006.89990	262.28	95.45	48.822987	-86.933532	56102.86	56243.9	6.06	56108.92	56113.66016	56106.51217	56106.63672	504878.8	5407780.5
L4880.0	504878.8	5407778.6	8007.00000	261.46	103.76	48.822970	-86.933532	56102.71	56243.9	6.06	56108.77	56113.42969	56106.63208	56106.75000	504878.8	5407778.6
L4880.0	504878.8	5407776.9	8007.10010	267.95	103.76	48.822954	-86.933533	56103.14	56243.9	6.06	56109.21	56113.78906	56106.70100	56106.81641	504878.8	5407776.9
L4880.0	504878.8	5407776.9	8007.20020	267.98	102.55	48.822954	-86.933533	56103.17	56243.9	6.07	56109.23	56113.73047	56106.80521	56106.91797	504878.8	5407776.9
L4880.0	504878.8	5407775.3	8007.29981	267.64	102.55	48.822940	-86.933533	56102.99	56243.9	6.07	56109.06	56113.48438	56106.92385	56107.03516	504878.8	5407775.3
L4880.0	504878.8	5407773.8	8007.39990	269.56	102.12	48.822927	-86.933533	56103.93	56243.9	6.07	56110.00	56114.34375	56106.94875	56107.05469	504878.8	5407773.8
L4880.0	504878.8	5407773.8	8007.50000	269.42	102.62	48.822927	-86.933533	56103.14	56243.9	6.07	56109.22	56113.48828	56107.11400	56107.21875	504878.8	5407773.8
L4880.0	504878.8	5407772.1	8007.60010	269.06	102.62	48.822911	-86.933533	56103.17	56243.9	6.08	56109.25	56113.44141	56107.21049	56107.31250	504878.8	5407772.1
L4880.0	504878.8	5407770.2	8007.70020	268.43	89.79	48.822894	-86.933533	56103.62	56243.9	6.08	56109.70	56113.81641	56107.26959	56107.37109	504878.8	5407770.2
L4880.0	504878.8	5407768.8	8007.79981	267.97	93.4	48.822881	-86.933533	56104.01	56243.9	6.08	56110.09	56114.13281	56107.33079	56107.42969	504878.8	5407768.8

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4880.0	504878.8	5407768.8	8007.89990	267.47	93.4	48.822881	-86.933533	56104.05	56243.9	6.09	56110.13	56114.09766	56107.41997	56107.51563	504878.8	5407768.8
L4880.0	504878.8	5407767.1	8008.00000	268.99	92.82	48.822866	-86.933533	56102.49	56243.9	6.09	56108.58	56112.47266	56107.49968	56107.59375	504878.8	5407767.1
L4880.0	504878.7	5407765.5	8008.10010	269.63	92.82	48.822852	-86.933534	56102.00	56243.9	6.09	56108.09	56111.91016	56107.47535	56107.56641	504878.7	5407765.5
L4880.0	504878.7	5407765.5	8008.20020	271.08	90.69	48.822852	-86.933534	56102.51	56243.9	6.09	56108.59	56112.33984	56107.64660	56107.73828	504878.7	5407765.5
L4880.0	504878.7	5407763.8	8008.29981	268.45	90.69	48.822836	-86.933534	56103.12	56243.9	6.08	56109.20	56112.87891	56107.83685	56107.92578	504878.7	5407763.8
L4880.0	504878.7	5407762.2	8008.39990	267.77	91.14	48.822822	-86.933534	56104.01	56243.9	6.08	56110.09	56113.69531	56108.07799	56108.16406	504878.7	5407762.2
L4880.0	504878.7	5407760.8	8008.50000	267.06	91.14	48.822809	-86.933534	56104.13	56243.9	6.08	56110.21	56113.74609	56108.16988	56108.25391	504878.7	5407760.8
L4880.0	504878.7	5407759.3	8008.60010	265.00	91.05	48.822796	-86.933534	56104.39	56243.9	6.08	56110.47	56113.93750	56108.28793	56108.37109	504878.7	5407759.3
L4880.0	504878.7	5407759.3	8008.70020	265.22	91.85	48.822796	-86.933534	56103.57	56243.9	6.08	56109.64	56113.03906	56108.20317	56108.28516	504878.7	5407759.3
L4880.0	504878.8	5407757.4	8008.79981	264.81	91.85	48.822779	-86.933533	56103.52	56243.9	6.07	56109.60	56112.93359	56108.26702	56108.34766	504878.8	5407757.4
L4880.0	504878.8	5407756.0	8008.89990	262.94	91.27	48.822766	-86.933533	56104.16	56243.9	6.07	56110.23	56113.49609	56108.45471	56108.53516	504878.8	5407756.0
L4880.0	504878.8	5407756.0	8009.00000	264.31	92.41	48.822766	-86.933533	56104.00	56243.9	6.07	56110.07	56113.26953	56108.49749	56108.57422	504878.8	5407756.0
L4880.0	504878.8	5407754.5	8009.10010	261.29	90.24	48.822753	-86.933533	56104.56	56243.9	6.07	56110.64	56113.77734	56108.67556	56108.75391	504878.8	5407754.5
L4880.0	504878.8	5407753.1	8009.20020	262.16	90.24	48.822740	-86.933533	56104.02	56243.9	6.07	56110.10	56113.17188	56108.64962	56108.72656	504878.8	5407753.1
L4880.0	504878.8	5407751.4	8009.29981	262.34	91.66	48.822725	-86.933532	56103.90	56243.9	6.08	56109.98	56112.99219	56108.70131	56108.77734	504878.8	5407751.4
L4880.0	504878.9	5407750.0	8009.39990	263.47	91.66	48.822712	-86.933532	56104.11	56243.9	6.08	56110.19	56113.13672	56108.81556	56108.89063	504878.9	5407750.0
L4880.0	504878.9	5407750.0	8009.50000	267.02	88.77	48.822712	-86.933532	56104.15	56243.9	6.08	56110.23	56113.11719	56108.89842	56108.97266	504878.9	5407750.0
L4880.0	504878.9	5407748.3	8009.60010	267.62	88.77	48.822697	-86.933532	56104.18	56243.9	6.08	56110.27	56113.09766	56108.98179	56109.05469	504878.9	5407748.3
L4880.0	504878.9	5407746.9	8009.70020	269.28	90.26	48.822684	-86.933532	56103.87	56243.9	6.08	56109.95	56112.71875	56109.10194	56109.17578	504878.9	5407746.9
L4880.0	504878.9	5407745.7	8009.79981	270.25	90.26	48.822674	-86.933532	56104.41	56243.9	6.09	56110.50	56113.21094	56109.15063	56109.22266	504878.9	5407745.7
L4880.0	504878.9	5407745.7	8009.89990	272.52	90.59	48.822674	-86.933532	56104.94	56243.9	6.09	56111.03	56113.68359	56109.20791	56109.27734	504878.9	5407745.7
L4880.0	504878.9	5407744.1	8010.00000	271.93	90.59	48.822659	-86.933531	56104.28	56243.9	6.09	56110.37	56112.96484	56109.34692	56109.41797	504878.9	5407744.1
L4880.0	504878.9	5407742.7	8010.10010	268.92	91.49	48.822647	-86.933531	56104.78	56243.9	6.09	56110.87	56113.41016	56109.40919	56109.47656	504878.9	5407742.7
L4880.0	504878.9	5407741.5	8010.10010	268.92	88.7	48.822636	-86.933531	56104.91	56243.9	6.09	56111.00	56113.48438	56109.49412	56109.56250	504878.9	5407741.5
L4880.0	504879.0	5407739.5	8010.29981	270.19	88.7	48.822618	-86.933531	56104.84	56243.9	6.08	56110.92	56113.35156	56109.58642	56109.65234	504879.0	5407739.5
L4880.0	504879.0	5407739.5	8010.39990	269.74	93.82	48.822618	-86.933531	56104.84	56243.9	6.08	56110.93	56113.30859	56109.67130	56109.73828	504879.0	5407739.5
L4880.0	504879.0	5407738.2	8010.50000	269.96	93.82	48.822606	-86.933531	56105.32	56243.9	6.08	56111.40	56113.72656	56109.73796	56109.80469	504879.0	5407738.2
L4880.0	504879.0	5407736.9	8010.60010	269.29	90.63	48.822595	-86.933531	56105.60	56243.9	6.08	56111.68	56113.95703	56109.80964	56109.87500	504879.0	5407736.9
L4880.0	504879.0	5407735.6	8010.70020	269.98	89.62	48.822583	-86.933531	56105.98	56243.9	6.08	56112.05	56114.27734	56109.87533	56109.94141	504879.0	5407735.6
L4880.0	504879.0	5407735.6	8010.79981	272.23	89.62	48.822583	-86.933531	56106.20	56243.9	6.07	56112.28	56114.46094	56109.94101	56110.00391	504879.0	5407735.6
L4880.0	504879.0	5407733.6	8010.89990	272.47	87.14	48.822565	-86.933531	56105.85	56243.9	6.07	56111.92	56114.05078	56110.02181	56110.08594	504879.0	5407733.6
L4880.0	504879.0	5407732.0	8011.00000	273.72	87.14	48.822551	-86.933531	56105.75	56243.9	6.07	56111.82	56113.90234	56110.09224	56110.15625	504879.0	5407732.0
L4880.0	504879.0	5407730.8	8011.10010	271.54	88.3	48.822540	-86.933531	56106.13	56243.9	6.07	56112.20	56114.23828	56110.14129	56110.20313	504879.0	5407730.8
L4880.0	504879.0	5407730.8	8011.20020	272.40	91.8	48.822540	-86.933531	56105.85	56243.9	6.07	56111.92	56113.91406	56110.21566	56110.27734	504879.0	5407730.8
L4880.0	504879.0	5407729.1	8011.29981	271.68	91.8	48.822525	-86.933531	56105.68	56243.9	6.07	56111.75	56113.69922	56110.28609	56110.34766	504879.0	5407729.1
L4880.0	504879.0	5407727.7	8011.39990	267.33	100.21	48.822512	-86.933531	56105.80	56243.9	6.07	56111.87	56113.77734	56110.34031	56110.39844	504879.0	5407727.7
L4880.0	504879.0	5407727.7	8011.50000	268.72	100.21	48.822512	-86.933531	56106.17	56243.9	6.07	56112.25	56114.11328	56110.37468	56110.43359	504879.0	5407727.7
L4880.0	504879.0	5407726.2	8011.60010	267.84	101.7	48.822498	-86.933531	56106.31	56243.9	6.08	56112.39	56114.21094	56110.42117	56110.48047	504879.0	5407726.2
L4880.0	504879.0	5407724.7	8011.70020	266.84	101.43	48.822485	-86.933531	56105.95	56243.9	6.08	56112.03	56113.81250	56110.50655	56110.56250	504879.0	5407724.7
L4880.0	504879.0	5407723.1	8011.79981	265.35	101.43	48.822470	-86.933531	56105.90	56243.9	6.08	56111.98	56113.72266	56110.56964	56110.62500	504879.0	5407723.1
L4880.0	504879.0	5407722.0	8011.89990	264.39	99.79	48.822460	-86.933531	56105.72	56243.9	6.08	56111.80	56113.50391	56110.70643	56110.76172	504879.0	5407722.0
L4880.0	504878.9	5407720.4	8012.00000	262.25	99.79	48.822446	-86.933531	56105.88	56243.9	6.08	56111.96	56113.62500	56110.78662	56110.83984	504878.9	5407720.4
L4880.0	504878.9	5407720.4	8012.10010	262.94	100.21	48.822446	-86.933531	56106.54	56243.9	6.08	56112.62	56114.25000	56110.96107	56111.01563	504878.9	5407720.4
L4880.0	504878.9	5407718.6	8012.20020	265.32	99.2	48.822430	-86.933532	56105.92	56243.9	6.08	56112.00	56113.59375	56110.89337	56110.94531	504878.9	5407718.6
L4880.0	504878.9	5407717.3	8012.29981	265.41	99.2	48.822418	-86.933532	56106.23	56243.9	6.08	56112.31	56113.86719	56111.00092	56111.05078	504878.9	5407717.3
L4880.0	504878.9	5407715.7	8012.39990	265.05	97.92	48.822404	-86.933532	56105.94	56243.9	6.08	56112.03	56113.55469	56110.99991	56111.04688	504878.9	5407715.7
L4880.0	504878.9	5407715.7	8012.50000	264.93	97.92	48.822404	-86.933532	56106.11	56243.9	6.08	56112.19	56113.67969	56111.07972	56111.12500	504878.9	5407715.7
L4880.0	504878.9	5407714.3	8012.60010	264.28	97.29	48.822391	-86.933532	56106.20	56243.9	6.09	56112.29	56113.75000	56111.14846	56111.19531	504878.9	5407714.3
L4880.0	504878.9	5407713.0	8012.70020	265.32	97.29	48.822379	-86.933532	56106.48	56243.9	6.09	56112.57	56113.99609	56111.24954	56111.29297	504878.9	5407713.0
L4880.0	504878.9	5407713.0	8012.79981	266.54	94.04	48.822379	-86.933532	56106.16	56243.9	6.09	56112.24	56113.63672	56111.24005	56111.28125	504878.9	5407713.0
L4880.0	504878.9	5407711.4	8012.89990	267.05	94.04	48.822365	-86.933532	56106.68	56243.9	6.09	56112.77	56114.13672	56111.38543	56111.42578	504878.9	5407711.4
L4880.0	504878.9	5407709.6	8013.00000	268.39	90.05	48.822349	-86.933532	56106.54	56243.9	6.09	56112.63	56113.96875	56111.40902	56111.44531	504878.9	5407709.6
L4880.0	504878.9	5407708.3	8013.10010	267.58	92.76	48.822337	-86.933532	56106.82	56243.9	6.09	56112.91	56114.21875	56111.50769	56111.54297	504878.9	5407708.3
L4880.0	504878.9	5407708.3	8013.20020	267.83	92.76	48.822337	-86.933532	56106.76	56243.9	6.09	56112.85	56114.13281	56111.54390	56111.57813	504878.9	5407708.3
L4880.0	504878.9	5407706.7	8013.29981	268.17	92.76	48.822323	-86.933532	56106.58	56243.9	6.09	56112.67	56113.92578	56111.55745	56111.58984	504878.9	5407706.7
L4880.0	504878.9	5407704.9	8013.39990	268.49	99.98	48.822306	-86.933532	56107.02	56243.9	6.09	56113.11	56114.33984	56111.68144	56111.71094	504878.9	5407704.9
L4880.0	504878.9	5407703.6	8013.50000	268.81	100.09	48.822295	-86.933532	56106.91	56243.9	6.09	56113.00	56114.20313	56111.70533	56111.73047	504878.9	5407703.6
L4880.0	504878.9	5407703.6	8013.60010	269.86	100.09	48.822295	-86.933532	56107.12	56243.9	6.09	56113.21	56114.38672	56111.78478	56111.80859	504878.9	5407703.6
L4880.0	504878.9	5407702.3	8013.70020	268.51	99.34	48.822283	-86.933532	56106.86	56243.9	6.09	56112.95	56114.10547	56111.78005	56111.80078	504878.9	5407702.3
L4880.0	504878.9	5407701.0	8013.79981	267.18	99.34	48.822271	-86.933532	56106.82	56243.9	6.09	56112.91	56114.04297	56111.81318	56111.83203	504878.9	5407701.0
L4880.0	504878.9	5407699.7	8013.89990	265.48	94.99	48.822260	-86.933532	56106.58	56243.9	6.09	56112.67	56113.77734	56111.81189	56111.82813	504878.9	5407699.7
L4880.0	504878.9	5407698.2	8014.00000	265.53	94.99	48.822246	-86.933532	56106.23	56243.9	6.09	56112.32	56113.40625	56111.79336	56111.80469	504878.9	5407698.2
L4880.0	504878.9	5407698.2	8014.10010	264.31	87.56	48.822246	-86.933532	56106.38	56243.9	6.09	56112.46	56113.52734	56111.85590	56111.86328	504878.9	5407698.2
L4880.0	504878.9	5407697.1	8014.20020	264.51	90.69	48.822237	-86.933532	56106.08	56243.9	6.09	56112.17	56113.21484	56111.84950	56111.85547	504878.9	5407697.1
L4880.0	504878.9	5407695.8	8014.29981	263.65	90.69	48.822225	-86.933533	56106.16	56243.9	6.09	56112.24	56113.26563	56111.90021	56111.90234	504878.9	5407695.8
L4880.0	504878.9	5407694.6	8014.39990	264.61	88.7	48.822214	-86.933533	56106.25	56243.9	6.09	56112.34	56113.34766	56111.95456	56111.94922	504878.9	5407694.6
L4880.0	504878.9	5407694.6	8014.50000	265.21	87.96	48.822214	-86.933533	56106.58	56243.9	6.08	56112.67	56113.66016	56112.04097	56112.03516	504878.9	5407694.6
L4880.0	504878.9	5407693.1	8014.60010	265.87	87.96	48.822201	-86.933533	56107.08	56243.9	6.08	56113.17	56114.14063	56112.14832	56112.13672	504878.9	5407693.1
L4880.0	504878.9	5407691.7	8014.70020	268.13	87.3	48.822188	-86.933533	56106.91	56243.9	6.08	56113.00	56113.95313	56112.16099	56112.14453	504878.9	5407691.7
L4880.0	504878.8	5407690.9	8014.79981	266.81	87.3	48.822181	-86.933533	56106.93	56243.9	6.08	56113.02	56113.95703	56112.20033	56112.17969	504878.8	5407690.9
L4880.0	504878.8	5407690.9	8014.89990	265.83	95.38	48.822181	-86.933533	56107.02	56243.9	6.08	56113.10	56114.01953	56112.24768	56112.22266	504878.8	5407690.9
L4880.0	504878.8	5407689.3	8015.00000	266.43	95.38	48.822166	-86.933533	56106.41	56243.9	6.08	56112.49	56113.39453	56112.20675	56112.17578	504878.8	5407689.3
L4880.0	504878.8	5407688.1	8015.10010	264.78	86.44	48.822156	-86.933533	56106.13	56243.9	6.08	56112.21	56113.10156	56112.20952	56112.17188	504878.8	5407688.1
L4880.0	504878.8	5407686.9	8015.20020	264.07	86.44	48.822145	-86.933534	56106.15	56243.9	6.08	56112.23	56113.10547	56112.25031	56112.21094	504878.8	5407686.9
L4880.0	504878.8	5407685.8	8015.29981	264.09	94.72	48.822135	-86.933534	56105.70	56243.9	6.08	56111.79	56112.65234	56112.23245	56112.18750	504878.8	5407685.8
L4880.0	504878.8	5407685.8	8015.39990	265.45	94.72	48.822135	-86.933534	56105.60	56243.9	6.08	56111.68	56112.52734	56112.25543	56112.20313	504878.8	5407685.8
L4880.0	504878.7	5407684.4	8015.50000	264.81	95.52	48.822123	-86.933535	56106.12	56243.9	6.08	56112.21	56113.04297	56112.35989	56112.30078	504878.7	5407684.4
L4880.0	504878.7	5407683.3	8015.60010	264.05	95.52	48.822112	-86.933535	56105.42	56243.9	6.09	56111.50	56112.32031	56112.30339	56112.23828	504878.7	5407683.3
L4880.0	504878.7	5407682.2	8015.70020	264.41	92.7	48.822102	-86.933535	56105.80	56243.9	6.09	56111.88	56112.69141	56112.38816	56112.31641	504878.7	5407682.2
L4880.0	504878.7	5407682.2	8015.79981	266.38	90.57	48.822102	-86.933535	56105.50	56243.9	6.09	56111.59	56112.38672	56112.38320	56112.30469	504878.7	5407682.2
L4880.0	504878.6	5407680.9	8015.89990	263.44	90.57	48.822090	-86.933536	56105.75	56243.9	6.09	56111.83	56112.61719	56112.44941	56112.36719	504878.6	5407680.9
L4880.0	504878.6	5407679.6	8016.00000	263.04	94.04	48.822079	-86.933537	56106.27	56243.9	6.09	56112.36	56113.13672	56112.55768	56112.46875	504878.6	5407679.6
L4880.0	504878.5	5407678.4	8016.10010	261.03	94.04	48.822069	-86.933537	56105.85	56243.9	6.09	56111.94	56112.70703	56112.53083	56112.43359	504878.5	5407678.4
L4880.0	504878.5	5407677.4	8016.20020	263.96	93.57	48.822059	-86.933538	56105.88	56243.9	6.09	56111.97	56112.72656	56112.56755	56112.46094	504878.5	5407677.4
L4880.0	504878.5	5407677.4	8016.29981	265.05	93.57	48.822059	-86.933538	56105.88	56243.9	6.09	56111.97	56112.71484	56112.59939	56112.48828	504878.5	5407677.4
L4880.0	504878.5	5407676.0	8016.39990	265.56	93.44	48.822047	-86.933538	56106.03	56243.9	6.09	56112.12	56112.85547	56112.65433	56112.53516	504878.5	5407676.0
L4880.0	504878.5	5407676.0	8016.50000	268.40	93.15	48.822047	-86.933538	56105.90	56243.9	6.10	56111.99	56112.71875	56112.66486	56112.53516	504878.5	5407676.0
L4880.0	504878.4	5407675.0	8016.60010	267.58	93.15	48.822038	-86.933539	56105.06	56243.9	6.10	56111.16	56111.87891	56112.55782	56112.42188	504878.4	5407675.0
L4880.0	504878.4	5407673.9	8016.70020	268.25	92.42	48.822027	-86.933539	56104.62	56243.9	6.10	56110.71	56111.42188	56112.50816	56112.36328	504878.4	5407673.9
L4880.0	504878.4	5407672.9	8016.79981	268.40	85.23	48.822019	-86.933540	56104.56	56243.9	6.10	56110.66	56111.36328	56112.52441	56112.37109	504878.4	5407672.9
L4880.0	504878.3	5407671.9	8016.89990	267.68	85.23	48.822010	-86.933540	56104.59	56243.9	6.10	56110.69	56111.38281	56112.55468	56112.39063	504878.3	5407671.9
L4880.0	504878.3	5407671.9	8017.00000	268.89	91.7	48.822010	-86.933540	56104.36	56243.9	6.10	56110.46	56111.14844	56112.53814	56112.36719	504878.3	5407671.9
L4880.0	504878.3	5407671.0	8017.10010	269.12	91.7	48.822002	-86.933540	56104.52	56243.9	6.10	56110.61	56111.28906	56112.59099	56112.41016	504878.3	5407671.0

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4880.0	504878.3	5407670.0	8017.20020	271.34	91.81	48.821993	-86.933541	56104.28	56243.9	6.10	56110.38	56111.05078	56112.57367	56112.38281	504878.3	5407670.0
L4880.0	504878.3	5407669.4	8017.29981	268.82	90.27	48.821988	-86.933541	56104.48	56243.9	6.10	56110.57	56111.23438	56112.63630	56112.43750	504878.3	5407669.4
L4880.0	504878.3	5407668.4	8017.39990	268.62	90.27	48.821978	-86.933541	56104.28	56243.9	6.10	56110.38	56111.03906	56112.62674	56112.41797	504878.3	5407668.4
L4880.0	504878.3	5407667.5	8017.50000	270.07	90.31	48.821970	-86.933541	56104.31	56243.9	6.10	56110.41	56111.06250	56112.66046	56112.44141	504878.3	5407667.5
L4880.0	504878.3	5407667.5	8017.60010	265.93	90.31	48.821970	-86.933541	56104.71	56243.9	6.09	56110.80	56111.44531	56112.76700	56112.53906	504878.3	5407667.5
L4880.0	504878.3	5407666.4	8017.70020	264.36	90.22	48.821960	-86.933541	56104.66	56243.9	6.09	56110.75	56111.39063	56112.84945	56112.60938	504878.3	5407666.4
L4880.0	504878.3	5407665.4	8017.79981	264.70	90.22	48.821952	-86.933541	56104.66	56243.9	6.09	56110.76	56111.39453	56112.87052	56112.62109	504878.3	5407665.4
L4880.0	504878.3	5407665.4	8017.89990	264.96	89.8	48.821952	-86.933541	56104.05	56243.9	6.09	56110.14	56110.76953	56112.94540	56112.68359	504878.3	5407665.4
L4880.0	504878.3	5407664.6	8018.00000	267.47	89.38	48.821944	-86.933541	56103.81	56243.9	6.09	56109.89	56110.51563	56112.98830	56112.71484	504878.3	5407664.6
L4880.0	504878.3	5407663.8	8018.10010	265.00	89.38	48.821937	-86.933541	56103.93	56243.9	6.09	56110.02	56110.64063	56113.00105	56112.71875	504878.3	5407663.8
L4880.0	504878.3	5407663.8	8018.20020	266.91	75.17	48.821937	-86.933541	56104.73	56243.9	6.09	56110.83	56111.44531	56112.96294	56112.66797	504878.3	5407663.8
L4880.0	504878.3	5407662.8	8018.29981	267.03	75.25	48.821928	-86.933541	56103.65	56243.9	6.10	56109.75	56110.35938	56113.07101	56112.76563	504878.3	5407662.8
L4880.0	504878.3	5407661.9	8018.39990	266.02	75.25	48.821920	-86.933541	56103.52	56243.9	6.10	56109.62	56110.22656	56113.10625	56112.78906	504878.3	5407661.9
L4880.0	504878.3	5407661.2	8018.50000	268.30	74.98	48.821914	-86.933541	56104.03	56243.9	6.10	56110.13	56110.73047	56113.09641	56112.76563	504878.3	5407661.2
L4880.0	504878.3	5407660.7	8018.60010	267.52	74.98	48.821909	-86.933541	56104.28	56243.9	6.10	56110.38	56110.97656	56113.10747	56112.76563	504878.3	5407660.7
L4880.0	504878.3	5407660.0	8018.70020	267.30	75.58	48.821903	-86.933541	56105.09	56243.9	6.10	56111.19	56111.78125	56113.08268	56112.72656	504878.3	5407660.0
L4880.0	504878.3	5407660.0	8018.79981	269.22	75.58	48.821903	-86.933541	56103.22	56243.9	6.11	56109.32	56109.90625	56113.23659	56112.86719	504878.3	5407660.0
L4880.0	504878.3	5407659.1	8018.89990	269.23	78.47	48.821895	-86.933541	56103.90	56243.9	6.11	56110.01	56110.59375	56113.22204	56112.83984	504878.3	5407659.1
L4880.0	504878.3	5407658.4	8019.00000	269.15	78.47	48.821889	-86.933541	56103.83	56243.9	6.11	56109.94	56110.51953	56113.25748	56112.86328	504878.3	5407658.4
L4880.0	504878.3	5407657.9	8019.10010	270.93	81.4	48.821884	-86.933541	56104.18	56243.9	6.11	56110.29	56110.86719	56113.26870	56112.86328	504878.3	5407657.9
L4880.0	504878.3	5407657.2	8019.20020	271.48	87.61	48.821878	-86.933541	56104.40	56243.9	6.11	56110.51	56111.08203	56113.28962	56112.86719	504878.3	5407657.2
L4880.0	504878.3	5407657.2	8019.29981	270.79	87.61	48.821878	-86.933541	56103.75	56243.9	6.11	56109.87	56110.43750	56113.35922	56112.92578	504878.3	5407657.2
L4880.0	504878.3	5407656.5	8019.39990	268.56	87.61	48.821871	-86.933540	56103.57	56243.9	6.11	56109.68	56110.24609	56113.40354	56112.95703	504878.3	5407656.5
L4880.0	504878.3	5407655.7	8019.50000	268.80	87.59	48.821864	-86.933540	56103.45	56243.9	6.12	56109.56	56110.12109	56113.44484	56112.98438	504878.3	5407655.7
L4880.0	504878.3	5407655.3	8019.60010	267.25	87.13	48.821860	-86.933540	56103.95	56243.9	6.12	56110.07	56110.62891	56113.45671	56112.98047	504878.3	5407655.3
L4880.0	504878.3	5407655.3	8019.70020	266.60	87.13	48.821860	-86.933540	56103.92	56243.9	6.12	56110.03	56110.58203	56113.49774	56113.00781	504878.3	5407655.3
L4880.0	504878.4	5407654.6	8019.79981	267.68	86.07	48.821854	-86.933540	56104.41	56243.9	6.12	56110.53	56111.08203	56113.51603	56113.01172	504878.4	5407654.6
L4880.0	504878.4	5407654.0	8019.89990	268.81	85.69	48.821849	-86.933540	56104.34	56243.9	6.12	56110.46	56111.00781	56113.56267	56113.04297	504878.4	5407654.0
L4880.0	504878.4	5407653.4	8020.00000	269.88	85.69	48.821844	-86.933540	56104.53	56243.9	6.12	56110.65	56111.19531	56113.60003	56113.06641	504878.4	5407653.4
L4880.0	504878.4	5407652.9	8020.10010	267.89	86.16	48.821838	-86.933539	56104.40	56243.9	6.12	56110.52	56111.06250	56113.65354	56113.10547	504878.4	5407652.9
L4880.0	504878.4	5407652.4	8020.20020	267.89	86.16	48.821835	-86.933539	56104.11	56243.9	6.12	56110.23	56110.76563	56113.71617	56113.15625	504878.4	5407652.4
L4880.0	504878.5	5407651.9	8020.29981	270.02	86.22	48.821830	-86.933539	56104.28	56243.9	6.12	56110.39	56110.92578	56113.76217	56113.18359	504878.5	5407651.9
L4880.0	504878.5	5407651.9	8020.39990	269.40	85.59	48.821830	-86.933539	56103.63	56243.9	6.12	56109.74	56110.26953	56113.84587	56113.25391	504878.5	5407651.9
L4880.0	504878.5	5407651.5	8020.50000	268.60	85.59	48.821826	-86.933538	56103.37	56243.9	6.12	56109.49	56110.01953	56113.91617	56113.30859	504878.5	5407651.5
L4880.0	504878.5	5407650.9	8020.60010	268.05	81.05	48.821821	-86.933538	56103.07	56243.9	6.11	56109.18	56109.70313	56113.99369	56113.37109	504878.5	5407650.9
L4880.0	504878.5	5407650.4	8020.70020	269.32	84.19	48.821816	-86.933538	56102.89	56243.9	6.11	56109.00	56109.52344	56114.07047	56113.43359	504878.5	5407650.4
L4880.0	504878.5	5407650.4	8020.79981	270.24	83.56	48.821816	-86.933538	56103.42	56243.9	6.11	56109.53	56110.05078	56114.11704	56113.46484	504878.5	5407650.4
L4880.0	504878.6	5407649.9	8020.89990	269.08	83.56	48.821812	-86.933537	56103.54	56243.9	6.11	56109.65	56110.16797	56114.18799	56113.51953	504878.6	5407649.9
L4880.0	504878.6	5407649.3	8021.00000	269.30	83.49	48.821806	-86.933537	56103.70	56243.9	6.11	56109.81	56110.32422	56114.26134	56113.57813	504878.6	5407649.3
L4880.0	504878.6	5407648.9	8021.10010	268.10	82.81	48.821803	-86.933537	56103.81	56243.9	6.11	56109.92	56110.42969	56114.34231	56113.64453	504878.6	5407648.9
L4880.0	504878.6	5407648.9	8021.20020	268.78	82.81	48.821803	-86.933537	56103.22	56243.9	6.12	56109.33	56109.83594	56114.47743	56113.76172	504878.6	5407648.9
L4880.0	504878.6	5407648.5	8021.29981	267.67	82.32	48.821799	-86.933536	56103.72	56243.9	6.12	56109.84	56110.34375	56114.54211	56113.81250	504878.6	5407648.5
L4880.0	504878.7	5407648.1	8021.39990	266.66	82.32	48.821796	-86.933536	56102.95	56243.9	6.12	56109.07	56109.57031	56114.71459	56113.96875	504878.7	5407648.1
L4880.0	504878.7	5407647.8	8021.50000	268.25	82.01	48.821793	-86.933535	56103.54	56243.9	6.13	56109.66	56110.16016	56114.42545	56113.66406	504878.7	5407647.8
L4880.0	504878.7	5407647.4	8021.60010	268.56	82.01	48.821790	-86.933535	56103.42	56243.9	6.13	56109.55	56110.04688	56114.51173	56113.73438	504878.7	5407647.4
L4880.0	504878.8	5407647.0	8021.70020	267.52	82.01	48.821786	-86.933535	56103.45	56243.9	6.13	56109.58	56110.07422	56114.63042	56113.83594	504878.8	5407647.0
L4880.0	504878.8	5407647.0	8021.79981	268.23	81.5	48.821786	-86.933535	56103.32	56243.9	6.13	56109.45	56109.94141	56114.72541	56113.91406	504878.8	5407647.0
L4880.0	504878.8	5407646.7	8021.89990	267.59	80.71	48.821783	-86.933534	56103.60	56243.9	6.14	56109.74	56110.22656	56114.89775	56114.07031	504878.8	5407646.7
L4880.0	504878.8	5407646.4	8022.00000	268.21	80.71	48.821780	-86.933534	56103.57	56243.9	6.14	56109.71	56110.19531	56115.01839	56114.17578	504878.8	5407646.4
L4880.0	504878.8	5407646.1	8022.10010	266.68	81.19	48.821778	-86.933534	56103.81	56243.9	6.14	56109.94	56110.42188	56115.18264	56114.32422	504878.8	5407646.1
L4880.0	504878.8	5407645.8	8022.20020	265.36	81.06	48.821776	-86.933534	56103.90	56243.9	6.14	56110.04	56110.51953	56115.32763	56114.45313	504878.8	5407645.8
L4920.0	0.0	0.0	41079.80078	410.10	0	48.842027	-86.932958	56036.67	56232.9	17.08	56053.75	56037.92188	56142.87944	56010.73828	504919.1	5409897.1
L4920.0	0.0	0.0	41079.89844	411.53	0	48.842030	-86.932956	56036.82	56232.9	17.07	56053.89	56037.97656	56142.24348	56011.18359	504919.3	5409897.5
L4920.0	0.0	0.0	41080.00000	410.98	0	48.842030	-86.932956	56036.87	56232.9	17.07	56053.94	56037.94141	56139.57723	56009.59375	504919.3	5409897.5
L4920.0	0.0	0.0	41080.10156	412.63	0	48.842034	-86.932954	56036.49	56232.9	17.07	56053.56	56037.47266	56126.38403	55997.48047	504919.4	5409897.8
L4920.0	0.0	0.0	41080.19922	413.31	0	48.842037	-86.932952	56036.49	56232.9	17.07	56053.56	56037.38672	56122.90866	55995.07813	504919.6	5409898.2
L4920.0	0.0	0.0	41080.30078	412.06	0	48.842040	-86.932950	56036.16	56232.9	17.07	56053.23	56036.96875	56111.40673	55984.64844	504919.7	5409898.5
L4920.0	0.0	0.0	41080.39844	412.15	0	48.842042	-86.932949	56035.86	56232.9	17.07	56052.93	56036.58203	56100.87588	55975.18750	504919.8	5409898.7
L4920.0	0.0	0.0	41080.50000	411.95	0	48.842042	-86.932949	56035.68	56232.9	17.08	56052.76	56036.32422	56093.81544	55969.19141	504919.8	5409898.7
L4920.0	0.0	0.0	41080.60156	411.86	0	48.842044	-86.932947	56035.43	56232.9	17.08	56052.51	56035.98828	56084.97681	55961.41016	504919.9	5409899.0
L4920.0	0.0	0.0	41080.69922	412.66	0	48.842047	-86.932945	56035.10	56232.9	17.08	56052.18	56035.56641	56074.35964	55951.84375	504920.0	5409899.3
L4920.0	0.0	0.0	41080.80078	410.34	0	48.842049	-86.932944	56035.10	56232.9	17.08	56052.18	56035.48047	56072.21046	55950.74219	504920.1	5409899.5
L4920.0	0.0	0.0	41080.89844	409.01	0	48.842049	-86.932944	56035.10	56232.9	17.08	56052.18	56035.38672	56070.28095	55949.85547	504920.1	5409899.5
L4920.0	0.0	0.0	41080.89844	409.01	0	48.842051	-86.932943	56035.27	56232.9	17.08	56052.35	56035.46875	56072.81903	55953.42578	504920.2	5409899.7
L4920.0	0.0	0.0	41081.10156	409.10	0	48.842051	-86.932943	56035.10	56232.9	17.08	56052.18	56035.20703	56067.07735	55948.70703	504920.2	5409899.7
L4920.0	0.0	0.0	41081.19922	408.32	0	48.842053	-86.932941	56034.97	56232.9	17.07	56052.05	56034.98438	56062.55196	55945.19531	504920.3	5409900.0
L4920.0	0.0	0.0	41081.30078	408.70	0	48.842054	-86.932940	56034.88	56232.9	17.07	56051.95	56034.78906	56058.99157	55942.64063	504920.4	5409900.1
L4920.0	0.0	0.0	41081.39844	408.26	0	48.842056	-86.932939	56034.77	56232.9	17.07	56051.84	56034.58203	56055.39499	55940.03906	504920.5	5409900.3
L4920.0	0.0	0.0	41081.50000	408.88	0	48.842056	-86.932939	56034.84	56232.9	17.07	56051.91	56034.55859	56056.50920	55942.13672	504920.5	5409900.3
L4920.0	0.0	0.0	41081.60156	410.07	0	48.842057	-86.932939	56035.02	56232.9	17.06	56052.09	56034.64063	56060.58293	55947.17969	504920.5	5409900.4
L4920.0	0.0	0.0	41081.69922	409.23	0	48.842057	-86.932938	56035.31	56232.9	17.06	56052.36	56034.81250	56067.11444	55954.67188	504920.6	5409900.5
L4920.0	0.0	0.0	41081.80078	408.84	0	48.842058	-86.932938	56035.30	56232.9	17.06	56052.35	56034.69922	56066.85442	55955.35547	504920.6	5409900.5
L4920.0	0.0	0.0	41081.89844	408.38	0	48.842058	-86.932938	56035.51	56232.9	17.05	56052.56	56034.80859	56072.29712	55961.73438	504920.6	5409900.5
L4920.0	0.0	0.0	41082.00000	408.45	0	48.842059	-86.932938	56035.68	56232.9	17.05	56052.73	56034.87500	56076.94224	55967.29688	504920.6	5409900.6
L4920.0	0.0	0.0	41082.10156	408.65	0	48.842060	-86.932937	56035.76	56232.9	17.05	56052.81	56034.85156	56079.53784	55970.79688	504920.6	5409900.8
L4920.0	0.0	0.0	41082.19922	411.67	0	48.842061	-86.932937	56035.53	56232.9	17.05	56052.58	56034.51563	56074.58317	55966.73047	504920.6	5409900.9
L4920.0	0.0	0.0	41082.30078	411.51	0	48.842062	-86.932937	56035.36	56232.9	17.05	56052.41	56034.23828	56071.32309	55964.34375	504920.6	5409901.0
L4920.0	0.0	0.0	41082.39844	411.13	0	48.842064	-86.932937	56034.97	56232.9	17.05	56052.03	56033.74609	56063.00707	55956.88672	504920.6	5409901.2
L4920.0	0.0	0.0	41082.50000	409.37	0	48.842064	-86.932937	56035.10	56232.9	17.06	56052.16	56033.76563	56067.62736	55962.34766	504920.6	5409901.2
L4920.0	0.0	0.0	41082.60156	409.78	0	48.842065	-86.932937	56035.10	56232.9	17.06	56052.15	56033.64453	56068.93607	55964.47656	504920.6	5409901.3
L4920.0	0.0	0.0	41082.69922	411.85	0	48.842067	-86.932937	56034.88	56232.9	17.06	56051.93	56033.30859	56065.18112	55961.52734	504920.6	5409901.6
L4920.0	0.0	0.0	41082.80078	409.92	0	48.842067	-86.932937	56034.97	56232.9	17.06	56052.03	56033.28906	56069.60601	55966.73828	504920.6	5409901.6
L4920.0	0.0	0.0	41082.89844	410.09	0	48.842069	-86.932937	56034.57	56232.9	17.06	56051.63	56032.76953	56061.71406	55959.61719	504920.6	5409901.7
L4920.0	0.0	0.0	41082.89844	410.09	0	48.842072	-86.932937	56034.42	56232.9	17.06	56051.48	56032.50000	56060.24717	55958.89844	504920.7	5409902.1
L4920.0	0.0	0.0	41083.10156	409.84	0	48.842074	-86.932936	56034.42	56232.9	17.06	56051.48	56032.37500	56062.70341	55962.08203	504920.7	5409902.4
L4920.0	0.0	0.0	41083.19922	411.44	0	48.842074	-86.932936	56034.12	56232.9	17.06	56051.17	56031.94141	56057.58350	55957.67188	504920.7	5409902.4
L4920.0	0.0	0.0	41083.30078	411.48	0	48.842077	-86.932936	56033.73	56232.9	17.05	56050.79	56031.43359	56050.88307	55951.66016	504920.7	5409902.7
L4920.0	0.0	0.0	41083.39844	410.76	0	48.842080	-86.932936	56033.66	56232.9	17.05	56050.71	56031.22266	56051.84686	55953.29297	504920.7	5409903.0
L4920.0	0.0	0.0	41083.50000	411.87	0	48.842080	-86.932936	56033.16	56232.9	17.05	56050.21	56030.58984	56042.47754	55944.57422	504920.7	5409903.0
L4920.0	0.0	0.0	41083.60156	410.21	0	48.842084	-86.932935	56033.05	56233	17.05	56050.10	56030.34375	56043.01672	55945.73828	504920.8	5409903.5
L4920.0	0.0	0.0	41083.69922	408.15	0	48.842084	-86.932935	56033.10	56233	17.05	56050.14	56030.24609	56047.46369	55950.78906	504920.8	5409903.5
L4920.0	0.0	0.0	41083.80078	406.61	0	48.842087	-86.932935	56033.08	56233	17.04	56050.12	56030.08594	56050.56756	55954.47656	504920.8	5409903.8
L4920.0	0.0	0.0	41083.89844	404.99	0	48.842087	-86.932935	56032.97	56233	17.04	56050.01	56029.83594	56051.57620	55956.04688	504920.8	5409903.8

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4920.0	0.0	0.0	41084.00000	404.04	0	48.842091	-86.932934	56032.24	56233	17.04	56049.28	56028.96094	56037.24118	55942.25000	504920.8	5409904.2
L4920.0	0.0	0.0	41084.10156	402.33	0	48.842094	-86.932934	56032.55	56233	17.04	56049.59	56029.12109	56049.04825	55954.57422	504920.9	5409904.5
L4920.0	0.0	0.0	41084.19922	402.07	0	48.842098	-86.932934	56032.49	56233	17.05	56049.53	56028.91016	56051.75549	55957.77344	504920.9	5409905.0
L4920.0	0.0	0.0	41084.30078	401.86	0	48.842098	-86.932934	56032.60	56233	17.05	56049.65	56028.87891	56059.10685	55965.59766	504920.9	5409905.0
L4920.0	0.0	0.0	41084.39844	401.90	0	48.842102	-86.932933	56032.54	56232.9	17.05	56049.60	56028.67578	56062.35290	55969.28906	504920.9	5409905.4
L4920.0	0.0	0.0	41084.50000	404.73	0	48.842102	-86.932933	56032.27	56232.9	17.06	56049.32	56028.23828	56059.99218	55967.35547	504920.9	5409905.4
L4920.0	0.0	0.0	41084.60156	406.96	0	48.842110	-86.932933	56031.98	56232.9	17.06	56049.04	56027.79688	56057.77119	55965.53516	504920.9	5409906.3
L4920.0	0.0	0.0	41084.69922	406.27	0	48.842110	-86.932933	56031.61	56232.9	17.06	56048.67	56027.26172	56053.43887	55961.57813	504920.9	5409906.3
L4920.0	0.0	0.0	41084.80078	404.83	0	48.842114	-86.932933	56031.38	56232.9	17.06	56048.44	56026.86719	56052.74191	55961.23438	504921.0	5409906.8
L4920.0	0.0	0.0	41084.89844	407.84	0	48.842114	-86.932933	56031.11	56232.9	17.07	56048.17	56026.42969	56051.18005	55960.00391	504921.0	5409906.8
L4920.0	0.0	0.0	41084.89844	407.84	0	48.842119	-86.932932	56031.13	56232.9	17.07	56048.20	56026.28516	56057.24937	55966.38281	504921.0	5409907.4
L4920.0	0.0	0.0	41085.10156	408.26	0	48.842124	-86.932932	56030.62	56232.9	17.07	56047.69	56025.60156	56049.95458	55959.37109	504921.0	5409907.9
L4920.0	0.0	0.0	41085.19922	406.05	0	48.842128	-86.932932	56030.57	56232.9	17.07	56047.64	56025.37500	56054.28712	55963.96094	504921.0	5409908.3
L4920.0	0.0	0.0	41085.30078	407.35	0	48.842128	-86.932932	56030.27	56232.9	17.06	56047.33	56024.88672	56052.25100	55962.16406	504921.0	5409908.3
L4920.0	0.0	0.0	41085.39844	408.17	0	48.842133	-86.932932	56030.19	56232.9	17.06	56047.25	56024.62500	56056.09153	55966.21875	504921.0	5409908.9
L4920.0	0.0	0.0	41085.50000	408.38	0	48.842138	-86.932931	56030.02	56232.9	17.06	56047.08	56024.26953	56057.80998	55968.12500	504921.1	5409909.5
L4920.0	0.0	0.0	41085.60156	407.23	0	48.842138	-86.932931	56029.54	56232.9	17.06	56046.60	56023.60156	56051.90694	55962.39063	504921.1	5409909.5
L4920.0	0.0	0.0	41085.69922	409.09	0	48.842143	-86.932931	56029.54	56232.9	17.06	56046.59	56023.39844	56057.87583	55968.50000	504921.1	5409910.0
L4920.0	0.0	0.0	41085.80078	408.60	0	48.842143	-86.932931	56029.06	56232.9	17.05	56046.11	56022.72656	56052.22263	55962.96875	504921.1	5409910.0
L4920.0	0.0	0.0	41085.89844	409.17	0	48.842150	-86.932931	56029.03	56232.9	17.05	56046.08	56022.50000	56057.93986	55968.78516	504921.1	5409910.7
L4920.0	0.0	0.0	41086.00000	409.26	0	48.842155	-86.932930	56028.57	56232.9	17.05	56045.62	56021.83984	56053.03316	55963.95313	504921.1	5409911.4
L4920.0	0.0	0.0	41086.10156	407.66	0	48.842162	-86.932930	56028.50	56232.9	17.05	56045.55	56021.57031	56057.99588	55968.96875	504921.1	5409912.0
L4920.0	0.0	0.0	41086.19922	408.05	0	48.842162	-86.932930	56028.20	56232.9	17.06	56045.25	56021.06641	56057.33186	55968.33594	504921.1	5409912.0
L4920.0	0.0	0.0	41086.30078	409.70	0	48.842168	-86.932930	56028.14	56232.9	17.06	56045.20	56020.80859	56063.03700	55974.05078	504921.1	5409912.7
L4920.0	0.0	0.0	41086.39844	410.03	0	48.842172	-86.932930	56027.69	56232.9	17.06	56044.75	56020.14844	56058.86541	55969.86719	504921.1	5409913.3
L4920.0	0.0	0.0	41086.50000	411.20	0	48.842172	-86.932930	56027.31	56232.9	17.07	56044.37	56019.55859	56056.56311	55967.53125	504921.1	5409913.3
L4920.0	0.0	0.0	41086.60156	411.42	0	48.842182	-86.932930	56027.08	56232.9	17.07	56044.15	56019.12109	56058.37888	55969.29297	504921.1	5409914.3
L4920.0	0.0	0.0	41086.69922	413.41	0	48.842187	-86.932930	56026.80	56232.9	17.07	56043.87	56018.62500	56058.81374	55969.65234	504921.1	5409914.9
L4920.0	0.0	0.0	41086.80078	411.55	0	48.842187	-86.932930	56026.47	56232.9	17.07	56043.55	56018.08594	56058.36699	55969.10938	504921.1	5409914.9
L4920.0	0.0	0.0	41086.89844	406.56	0	48.842194	-86.932930	56026.32	56232.9	17.08	56043.40	56017.71094	56062.28653	55972.91406	504921.1	5409915.7
L4920.0	0.0	0.0	41086.89844	406.56	0	48.842202	-86.932930	56025.84	56232.9	17.08	56042.92	56017.00781	56058.07537	55968.56641	504921.1	5409916.5
L4920.0	0.0	0.0	41087.00000	406.74	0	48.842208	-86.932930	56025.18	56232.9	17.08	56042.26	56016.12109	56049.48180	55959.82031	504921.1	5409917.2
L4920.0	0.0	0.0	41087.19922	410.37	0	48.842208	-86.932930	56025.06	56232.9	17.08	56042.14	56015.76953	56054.49991	55964.66406	504921.1	5409917.2
L4920.0	0.0	0.0	41087.30078	409.42	0	48.842218	-86.932931	56024.48	56232.9	17.08	56041.56	56014.95703	56048.13625	55958.10547	504921.1	5409918.3
L4920.0	0.0	0.0	41087.39844	407.08	0	48.842218	-86.932931	56024.25	56232.9	17.08	56041.33	56014.49219	56050.63416	55960.39453	504921.1	5409918.3
L4920.0	0.0	0.0	41087.50000	408.09	0	48.842226	-86.932931	56023.79	56232.9	17.08	56040.87	56013.79688	56047.49700	55957.03125	504921.1	5409919.2
L4920.0	0.0	0.0	41087.60156	407.12	0	48.842226	-86.932931	56023.76	56232.9	17.08	56040.84	56013.52734	56055.21907	55964.50781	504921.1	5409919.2
L4920.0	0.0	0.0	41087.69922	405.07	0	48.842239	-86.932931	56023.54	56232.9	17.08	56040.62	56013.06641	56058.30386	55967.33203	504921.1	5409920.7
L4920.0	0.0	0.0	41087.80078	404.37	0	48.842239	-86.932931	56022.66	56232.9	17.08	56039.74	56011.94531	56045.00369	55953.75391	504921.1	5409920.7
L4920.0	0.0	0.0	41087.89844	403.06	0	48.842247	-86.932931	56022.61	56232.9	17.08	56039.69	56011.64844	56052.55656	55961.01563	504921.1	5409921.5
L4920.0	0.0	0.0	41088.00000	403.33	0	48.842253	-86.932931	56021.64	56232.9	17.08	56038.72	56010.43359	56037.22385	55945.37500	504921.1	5409922.2
L4920.0	0.0	0.0	41088.10156	403.73	0	48.842253	-86.932931	56021.39	56232.9	17.08	56038.47	56009.93359	56039.99224	55947.82031	504921.1	5409922.2
L4920.0	0.0	0.0	41088.19922	404.09	0	48.842261	-86.932930	56020.76	56232.9	17.09	56037.85	56009.06250	56033.61811	55941.10938	504921.1	5409923.1
L4920.0	0.0	0.0	41088.30078	403.53	0	48.842268	-86.932930	56020.40	56232.9	17.09	56037.49	56008.45313	56033.84518	55940.98828	504921.1	5409923.9
L4920.0	0.0	0.0	41088.39844	403.62	0	48.842268	-86.932930	56019.90	56232.9	17.10	56036.99	56007.69922	56030.67456	55937.45703	504921.1	5409923.9
L4920.0	0.0	0.0	41088.50000	404.75	0	48.842276	-86.932930	56019.44	56232.9	17.10	56036.54	56006.99219	56028.85289	55935.26172	504921.1	5409924.7
L4920.0	0.0	0.0	41088.60156	406.02	0	48.842284	-86.932930	56019.04	56232.9	17.10	56036.14	56006.33594	56028.37805	55934.39844	504921.1	5409925.6
L4920.0	0.0	0.0	41088.69922	406.79	0	48.842291	-86.932930	56018.76	56232.9	17.11	56035.87	56005.80469	56031.24717	55936.87109	504921.1	5409926.5
L4920.0	0.0	0.0	41088.80078	406.16	0	48.842291	-86.932930	56018.61	56232.9	17.11	56035.72	56005.39844	56037.20789	55942.42188	504921.1	5409926.5
L4920.0	0.0	0.0	41088.89844	406.91	0	48.842302	-86.932930	56018.11	56232.9	17.12	56035.22	56004.63672	56034.51098	55939.30859	504921.1	5409927.7
L4920.0	0.0	0.0	41088.89844	406.91	0	48.842309	-86.932930	56017.72	56232.9	17.12	56034.84	56003.99219	56034.90025	55939.26953	504921.2	5409928.4
L4920.0	0.0	0.0	41089.10156	406.69	0	48.842317	-86.932930	56017.04	56232.9	17.12	56034.16	56003.05078	56027.87575	55931.80859	504921.2	5409929.3
L4920.0	0.0	0.0	41089.19922	408.15	0	48.842317	-86.932930	56016.51	56232.9	17.12	56033.63	56002.25391	56024.68106	55928.16797	504921.2	5409929.3
L4920.0	0.0	0.0	41089.30078	409.32	0	48.842327	-86.932930	56016.48	56232.9	17.13	56033.61	56001.96875	56034.31020	55937.34766	504921.2	5409930.5
L4920.0	0.0	0.0	41089.39844	409.58	0	48.842340	-86.932930	56015.57	56232.9	17.13	56032.70	56000.79297	56021.76978	55924.34766	504921.2	5409931.8
L4920.0	0.0	0.0	41089.50000	409.01	0	48.842346	-86.932930	56015.32	56232.9	17.13	56032.45	56000.27734	56025.79481	55927.91016	504921.2	5409932.5
L4920.0	0.0	0.0	41089.60156	410.72	0	48.842346	-86.932930	56014.86	56232.9	17.13	56031.99	55999.54688	56024.63765	55926.28125	504921.2	5409932.5
L4920.0	0.0	0.0	41089.69922	410.72	0	48.842353	-86.932929	56014.69	56232.9	17.13	56031.82	55999.10938	56030.79053	55931.95703	504921.2	5409933.4
L4920.0	0.0	0.0	41089.80078	406.86	0	48.842363	-86.932929	56013.75	56232.9	17.14	56030.89	55997.91016	56018.00673	55918.69531	504921.2	5409934.4
L4920.0	0.0	0.0	41089.89844	408.32	0	48.842363	-86.932929	56013.53	56232.9	17.14	56030.67	55997.42188	56023.02101	55923.22656	504921.2	5409934.4
L4920.0	0.0	0.0	41090.00000	408.32	0	48.842374	-86.932929	56012.86	56232.9	17.14	56030.00	55996.48438	56016.83705	55916.55859	504921.2	5409935.7
L4920.0	0.0	0.0	41090.10156	408.08	0	48.842382	-86.932929	56012.56	56232.9	17.14	56029.71	55995.92188	56020.19386	55919.42578	504921.2	5409936.6
L4920.0	0.0	0.0	41090.19922	407.82	0	48.842392	-86.932928	56011.93	56232.9	17.14	56029.07	55995.01172	56014.84159	55913.58203	504921.2	5409937.7
L4920.0	0.0	0.0	41090.30078	405.79	0	48.842392	-86.932928	56011.43	56232.9	17.15	56028.57	55994.24219	56013.02131	55911.26953	504921.2	5409937.7
L4920.0	0.0	0.0	41090.39844	405.39	0	48.842402	-86.932928	56010.71	56232.9	17.15	56027.86	55993.26563	56005.98001	55903.73438	504921.3	5409938.7
L4920.0	0.0	0.0	41090.50000	404.92	0	48.842410	-86.932928	56010.38	56232.8	17.15	56027.53	55992.66406	56008.45766	55905.71875	504921.3	5409939.7
L4920.0	0.0	0.0	41090.60156	407.49	0	48.842420	-86.932928	56009.86	56232.8	17.15	56027.01	55991.87500	56006.20244	55902.97266	504921.3	5409940.8
L4920.0	0.0	0.0	41090.69922	406.35	0	48.842420	-86.932928	56009.22	56232.8	17.15	56026.38	55990.97656	56001.20763	55897.48828	504921.3	5409940.8
L4920.0	0.0	0.0	41090.80078	407.91	0	48.842429	-86.932928	56008.87	56232.8	17.16	56026.02	55990.34766	56002.96414	55898.75391	504921.3	5409941.7
L4920.0	0.0	0.0	41090.89844	407.81	0	48.842439	-86.932928	56008.09	56232.8	17.16	56025.24	55989.30078	55994.22049	55889.52344	504921.3	5409942.9
L4920.0	0.0	0.0	41090.89844	407.81	0	48.842447	-86.932928	56007.68	56232.8	17.16	56024.84	55988.63672	55994.96416	55889.78516	504921.3	5409943.7
L4920.0	0.0	0.0	41091.10156	406.99	0	48.842447	-86.932928	56006.94	56232.8	17.16	56024.11	55987.64063	55987.44346	55881.78516	504921.3	5409943.7
L4920.0	0.0	0.0	41091.19922	409.33	0	48.842457	-86.932928	56006.74	56232.8	17.17	56023.91	55987.17578	55993.14512	55887.00781	504921.3	5409944.9
L4920.0	0.0	0.0	41091.30078	408.81	0	48.842468	-86.932928	56006.21	56232.8	17.17	56023.39	55986.39063	55990.81811	55884.21094	504921.2	5409946.1
L4920.0	0.0	0.0	41091.39844	411.27	0	48.842468	-86.932928	56005.73	56232.8	17.18	56022.91	55985.64844	55989.45247	55882.37891	504921.2	5409946.1
L4920.0	0.0	0.0	41091.50000	413.02	0	48.842478	-86.932929	56005.38	56232.8	17.18	56022.56	55985.03906	55991.29006	55883.75781	504921.2	5409947.3
L4920.0	0.0	0.0	41091.60156	413.24	0	48.842486	-86.932929	56004.90	56232.8	17.18	56022.08	55984.29688	55989.82513	55881.83984	504921.2	5409948.1
L4920.0	0.0	0.0	41091.69922	412.26	0	48.842486	-86.932929	56004.57	56232.8	17.19	56021.76	55983.71875	55992.29779	55883.86328	504921.2	5409948.1
L4920.0	0.0	0.0	41091.80078	412.11	0	48.842503	-86.932929	56003.73	56232.8	17.19	56020.93	55982.63281	55981.95501	55873.08203	504921.2	5409950.0
L4920.0	0.0	0.0	41091.89844	414.51	0	48.842509	-86.932929	56003.33	56232.8	17.20	56020.53	55981.97656	55982.28195	55872.97656	504921.2	5409950.7
L4920.0	0.0	0.0	41092.00000	413.31	0	48.842509	-86.932929	56002.62	56232.8	17.20	56019.82	55981.01563	55974.77583	55865.04688	504921.2	5409950.7
L4920.0	0.0	0.0	41092.10156	410.39	0	48.842522	-86.932930	56002.54	56232.8	17.20	56019.74	55980.68359	55982.92160	55872.77734	504921.2	5409952.1
L4920.0	0.0	0.0	41092.19922	410.17	0	48.842533	-86.932930	56001.94	56232.8	17.20	56019.14	55979.83594	55977.96927	55867.42188	504921.1	5409953.4
L4920.0	0.0	0.0	41092.30078	409.89	0	48.842544	-86.932930	56001.54	56232.8	17.21	56018.74	55979.18750	55977.90518	55866.96094	504921.1	5409954.5
L4920.0	0.0	0.0	41092.39844	409.89	0	48.842552	-86.932930	56000.88	56232.8	17.21	56018.09	55978.29297	55971.47411	55860.14453	504921.1	5409955.4
L4920.0	0.0	0.0	41092.50000	409.40	0	48.842552	-86.932930	56000.39	56232.8	17.21	56017.60	55977.56250	55968.91449	55857.21094	504921.1	5409955.4
L4920.0	0.0	0.0	41092.60156	408.31	0	48.842566	-86.932930	56000.22	56232.8	17.21	56017.43	55977.15234	55974.21654	55862.14844	504921.1	5409957.0
L4920.0	0.0	0.0	41092.69922	407.20	0	48.842566	-86.932930	55999.54	56232.8	17.21	56016.75	55976.23438	55966.62758	55854.20703	504921.1	5409957.0
L4920.0	0.0	0.0	41092.80078	407.47	0	48.842574	-86.932931	55999.28	56232.8	17.22	56016.49	55975.74219	55969.38213	55856.62109	504921.1	5409957.9
L4920.0	0.0	0.0	41092.89844	407.36	0	48.842586	-86.932931	55998.55	56232.8	17.22	56015.77	55974.78906	55960.47781	55847.39063	504921.0	5409959.2
L4920.0	0.0	0.0	41092.89844	407.36	0	48.842597	-86.932931	55998.32	56232.8	17.22	56015.54	55974.32813	55963.64893	55850.24609	504921.0	5409960.5
L4920.0	0.0	0.0	41093.10156	408.14	0	48.842597	-86.932931	55997.84	56232.8	17.23	56015.07	55973.63281	55960.64197	55846.93750	504921.0	5409960.5
L4920.0	0.0	0.0	41093.19922	408.11	0	48.842610	-86.932932	55997.59	56232.8	17.23	56014.82	55973.16016	55962.94476	55848.94922	504921.0	5409961.8

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4920.0	0.0	0.0	41093.30078	407.93	0	48.842621	-86.932932	55997.00	56232.8	17.24	56014.24	55972.36328	55956.80248	55842.53125	504921.0	5409963.1
L4920.0	0.0	0.0	41093.39844	407.10	0	48.842632	-86.932932	55996.70	56232.8	17.24	56013.95	55971.85547	55957.70181	55843.16797	504920.9	5409964.3
L4920.0	0.0	0.0	41093.50000	408.00	0	48.842632	-86.932932	55996.32	56232.8	17.25	56013.57	55971.26172	55956.13669	55841.35547	504920.9	5409964.3
L4920.0	0.0	0.0	41093.60156	409.40	0	48.842645	-86.932933	55996.12	56232.7	17.26	56013.38	55970.86328	55959.09634	55844.08203	504920.9	5409965.8
L4920.0	0.0	0.0	41093.69922	408.43	0	48.842658	-86.932933	55995.44	56232.7	17.26	56012.70	55969.98047	55949.57693	55834.34375	504920.9	5409967.2
L4920.0	0.0	0.0	41093.80078	407.39	0	48.842672	-86.932934	55995.01	56232.7	17.27	56012.28	55969.35547	55946.31433	55830.87891	504920.8	5409968.8
L4920.0	0.0	0.0	41093.89844	407.04	0	48.842672	-86.932934	55994.70	56232.7	17.27	56011.98	55968.85938	55945.80090	55830.17578	504920.8	5409968.8
L4920.0	0.0	0.0	41094.00000	407.14	0	48.842684	-86.932934	55994.53	56232.7	17.28	56011.81	55968.49219	55948.27797	55832.48047	504920.8	5409970.1
L4920.0	0.0	0.0	41094.10156	405.00	0	48.842696	-86.932935	55994.18	56232.7	17.28	56011.46	55967.95313	55945.98926	55830.03516	504920.8	5409971.5
L4920.0	0.0	0.0	41094.19922	406.78	0	48.842696	-86.932935	55993.54	56232.7	17.29	56010.83	55967.13672	55936.42704	55820.33203	504920.8	5409971.5
L4920.0	0.0	0.0	41094.30078	409.39	0	48.842712	-86.932935	55993.46	56232.7	17.29	56010.75	55966.87500	55940.32691	55824.10547	504920.7	5409973.3
L4920.0	0.0	0.0	41094.39844	408.62	0	48.842725	-86.932935	55993.29	56232.7	17.30	56010.58	55966.52734	55941.68520	55825.35547	504920.7	5409974.7
L4920.0	0.0	0.0	41094.50000	409.17	0	48.842725	-86.932935	55993.08	56232.7	17.30	56010.38	55966.15234	55941.99330	55825.57031	504920.7	5409974.7
L4920.0	0.0	0.0	41094.60156	407.91	0	48.842738	-86.932936	55992.45	56232.7	17.30	56009.76	55965.36328	55931.49593	55814.99609	504920.7	5409976.1
L4920.0	0.0	0.0	41094.69922	407.23	0	48.842749	-86.932936	55992.45	56232.7	17.31	56009.76	55965.19922	55936.17754	55819.61719	504920.6	5409977.3
L4920.0	0.0	0.0	41094.80078	406.16	0	48.842758	-86.932937	55992.28	56232.7	17.31	56009.59	55964.86719	55936.28598	55819.67969	504920.6	5409978.3
L4920.0	0.0	0.0	41094.89844	406.87	0	48.842767	-86.932937	55991.79	56232.7	17.32	56009.11	55964.23047	55928.31451	55811.67969	504920.6	5409979.4
L4920.0	0.0	0.0	41094.89844	406.87	0	48.842767	-86.932937	55991.79	56232.7	17.32	56009.11	55964.07813	55931.99973	55815.35547	504920.6	5409979.4
L4920.0	0.0	0.0	41095.00000	406.68	0	48.842779	-86.932937	55991.74	56232.7	17.32	56009.06	55963.88281	55934.08799	55817.44922	504920.5	5409980.7
L4920.0	0.0	0.0	41095.19922	405.53	0	48.842779	-86.932937	55991.64	56232.7	17.33	56008.98	55963.66016	55935.07176	55818.45703	504920.5	5409980.7
L4920.0	0.0	0.0	41095.30078	405.89	0	48.842796	-86.932938	55990.96	56232.7	17.34	56008.30	55962.84375	55920.69793	55804.12109	504920.5	5409982.6
L4920.0	0.0	0.0	41095.39844	403.95	0	48.842808	-86.932939	55991.54	56232.7	17.35	56008.89	55963.30078	55937.69581	55821.17578	504920.4	5409983.9
L4920.0	0.0	0.0	41095.50000	403.16	0	48.842819	-86.932939	55990.71	56232.6	17.36	56008.06	55962.33984	55918.82799	55802.38281	504920.4	5409985.1
L4920.0	0.0	0.0	41095.60156	405.69	0	48.842819	-86.932939	55990.71	56232.6	17.36	56008.07	55962.23047	55920.57125	55804.21484	504920.4	5409985.1
L4920.0	0.0	0.0	41095.69922	407.10	0	48.842831	-86.932940	55990.93	56232.6	17.37	56008.30	55962.33984	55927.42344	55811.17188	504920.4	5409986.5
L4920.0	0.0	0.0	41095.80078	409.07	0	48.842831	-86.932940	55990.73	56232.6	17.38	56008.11	55962.03906	55923.38273	55807.25391	504920.4	5409986.5
L4920.0	0.0	0.0	41095.89844	407.58	0	48.842854	-86.932940	55990.68	56232.6	17.38	56008.07	55961.89063	55922.68864	55806.69922	504920.3	5409989.0
L4920.0	0.0	0.0	41096.00000	409.14	0	48.842854	-86.932940	55990.58	56232.6	17.39	56007.97	55961.68750	55920.08654	55804.25391	504920.3	5409989.0
L4920.0	0.0	0.0	41096.10156	408.88	0	48.842868	-86.932941	55990.71	56232.6	17.40	56008.10	55961.71875	55922.81833	55807.16016	504920.3	5409990.6
L4920.0	0.0	0.0	41096.19922	408.20	0	48.842877	-86.932941	55990.54	56232.6	17.40	56007.94	55961.46875	55917.88197	55802.41406	504920.3	5409991.6
L4920.0	0.0	0.0	41096.30078	408.26	0	48.842877	-86.932941	55990.73	56232.6	17.41	56008.14	55961.58203	55921.51708	55806.25391	504920.3	5409991.6
L4920.0	0.0	0.0	41096.39844	410.39	0	48.842889	-86.932942	55990.58	56232.6	17.41	56007.99	55961.34766	55915.97336	55800.92969	504920.2	5409992.9
L4920.0	0.0	0.0	41096.50000	411.08	0	48.842902	-86.932942	55991.16	56232.6	17.42	56008.58	55961.86328	55928.48759	55813.68359	504920.2	5409994.4
L4920.0	0.0	0.0	41096.60156	411.39	0	48.842902	-86.932942	55990.84	56232.6	17.43	56008.26	55961.47266	55917.81666	55803.26953	504920.2	5409994.4
L4920.0	0.0	0.0	41096.69922	411.13	0	48.842918	-86.932942	55990.89	56232.6	17.43	56008.32	55961.46484	55916.19627	55801.91797	504920.2	5409996.1
L4920.0	0.0	0.0	41096.80078	410.91	0	48.842932	-86.932942	55991.29	56232.6	17.44	56008.72	55961.80469	55922.62197	55808.62891	504920.2	5409997.6
L4920.0	0.0	0.0	41096.89844	410.11	0	48.842945	-86.932942	55991.41	56232.6	17.44	56008.86	55961.89063	55922.09356	55808.40234	504920.2	5409999.1
L4920.0	0.0	0.0	41096.89844	410.11	0	48.842945	-86.932942	55991.26	56232.6	17.44	56008.71	55961.69141	55913.85691	55800.48438	504920.2	5409999.1
L4920.0	0.0	0.0	41097.00000	410.92	0	48.842957	-86.932943	55991.64	56232.6	17.45	56009.09	55962.02344	55918.40190	55805.35938	504920.1	5410000.5
L4920.0	0.0	0.0	41097.19922	412.23	0	48.842974	-86.932943	55992.10	56232.5	17.47	56009.57	55962.46484	55924.97765	55812.28125	504920.1	5410002.4
L4920.0	0.0	0.0	41097.30078	412.25	0	48.842974	-86.932943	55991.87	56232.5	17.48	56009.35	55962.21094	55913.58621	55801.25391	504920.1	5410002.4
L4920.0	0.0	0.0	41097.39844	410.22	0	48.842984	-86.932943	55992.45	56232.5	17.49	56009.95	55962.78516	55922.21295	55810.25781	504920.1	5410003.4
L4920.0	0.0	0.0	41097.50000	410.64	0	48.842984	-86.932943	55992.36	56232.5	17.50	56009.86	55962.67188	55913.11543	55801.55078	504920.1	5410003.4
L4920.0	0.0	0.0	41097.60156	411.05	0	48.843012	-86.932943	55992.73	56232.5	17.52	56010.25	55963.04297	55915.53198	55804.37500	504920.1	5410006.5
L4920.0	0.0	0.0	41097.69922	409.71	0	48.843012	-86.932943	55993.16	56232.5	17.53	56010.69	55963.47266	55918.71272	55807.97656	504920.1	5410006.5
L4920.0	0.0	0.0	41097.80078	408.97	0	48.843029	-86.932942	55993.11	56232.5	17.54	56010.65	55963.42578	55909.40870	55799.10547	504920.1	5410008.5
L4920.0	0.0	0.0	41097.89844	407.75	0	48.843029	-86.932942	55993.72	56232.5	17.55	56011.27	55964.04297	55916.10906	55806.25391	504920.1	5410008.5
L4920.0	0.0	0.0	41098.00000	408.68	0	48.843039	-86.932942	55994.07	56232.4	17.56	56011.63	55964.41016	55915.81809	55806.42188	504920.1	5410009.6
L4920.0	0.0	0.0	41098.10156	407.41	0	48.843051	-86.932942	55994.22	56232.4	17.57	56011.79	55964.57813	55910.03316	55801.11328	504920.2	5410010.9
L4920.0	0.0	0.0	41098.19922	408.83	0	48.843051	-86.932942	55994.88	56232.4	17.58	56012.46	55965.26172	55916.49715	55808.06250	504920.2	5410010.9
L4920.0	0.0	0.0	41098.30078	409.39	0	48.843065	-86.932942	55995.29	56232.4	17.58	56012.87	55965.69141	55915.96385	55808.02734	504920.2	5410012.5
L4920.0	0.0	0.0	41098.39844	409.76	0	48.843077	-86.932942	55995.54	56232.4	17.59	56013.13	55965.97656	55911.18091	55803.75781	504920.2	5410013.8
L4920.0	0.0	0.0	41098.50000	410.26	0	48.843077	-86.932942	55996.25	56232.4	17.60	56013.85	55966.73047	55917.39253	55810.49219	504920.2	5410013.8
L4920.0	0.0	0.0	41098.60156	409.00	0	48.843097	-86.932942	55996.45	56232.4	17.61	56014.05	55966.96484	55910.10468	55803.74219	504920.2	5410016.1
L4920.0	0.0	0.0	41098.69922	409.13	0	48.843108	-86.932942	55997.23	56232.4	17.62	56014.85	55967.80469	55917.30826	55811.49219	504920.2	5410017.2
L4920.0	0.0	0.0	41098.80078	408.23	0	48.843120	-86.932942	55997.84	56232.4	17.62	56015.46	55968.46094	55919.25827	55813.99609	504920.2	5410018.6
L4920.0	0.0	0.0	41098.89844	408.37	0	48.843120	-86.932942	55998.09	56232.4	17.63	56015.73	55968.78516	55912.20529	55807.51172	504920.2	5410018.6
L4920.0	0.0	0.0	41098.89844	408.37	0	48.843134	-86.932941	55998.90	56232.4	17.63	56016.53	55969.64063	55917.89266	55813.78125	504920.2	5410020.2
L4920.0	0.0	0.0	41099.10156	408.55	0	48.843134	-86.932941	55999.38	56232.3	17.65	56017.04	55970.21094	55915.82624	55812.30469	504920.2	5410020.2
L4920.0	0.0	0.0	41099.19922	407.45	0	48.843148	-86.932941	55999.91	56232.3	17.66	56017.58	55970.82031	55914.00380	55811.07813	504920.2	5410021.7
L4920.0	0.0	0.0	41099.30078	408.16	0	48.843164	-86.932941	56000.45	56232.3	17.68	56018.12	55971.42969	55911.67588	55809.35938	504920.3	5410023.5
L4920.0	0.0	0.0	41099.39844	404.59	0	48.843174	-86.932941	56001.38	56232.3	17.69	56019.07	55972.45703	55919.09002	55817.39063	504920.3	5410024.6
L4920.0	0.0	0.0	41099.50000	405.29	0	48.843174	-86.932941	56001.86	56232.3	17.70	56019.56	55973.02734	55914.50329	55813.43359	504920.3	5410024.6
L4920.0	0.0	0.0	41099.60156	404.95	0	48.843189	-86.932940	56002.63	56232.3	17.71	56020.34	55973.89453	55916.66119	55816.22656	504920.3	5410026.2
L4920.0	0.0	0.0	41099.69922	403.64	0	48.843203	-86.932940	56003.28	56232.3	17.72	56021.00	55974.64844	55915.31786	55815.52734	504920.3	5410027.8
L4920.0	0.0	0.0	41099.80078	402.17	0	48.843203	-86.932940	56004.22	56232.3	17.74	56021.96	55975.70313	55920.97163	55821.83203	504920.3	5410027.8
L4920.0	0.0	0.0	41099.89844	402.60	0	48.843216	-86.932940	56004.97	56232.3	17.75	56022.72	55976.56250	55921.12773	55822.64453	504920.3	5410029.3
L4920.0	0.0	0.0	41100.00000	403.63	0	48.843228	-86.932940	56005.68	56232.2	17.76	56023.44	55977.38672	55919.78679	55821.97266	504920.3	5410030.6
L4920.0	0.0	0.0	41100.10156	405.87	0	48.843228	-86.932940	56006.29	56232.2	17.77	56024.06	55978.11719	55915.45128	55818.30859	504920.3	5410030.6
L4920.0	0.0	0.0	41100.19922	407.12	0	48.843243	-86.932940	56007.15	56232.2	17.78	56024.93	55979.10156	55916.87087	55820.41016	504920.3	5410032.2
L4920.0	0.0	0.0	41100.30078	406.97	0	48.843260	-86.932940	56008.19	56232.2	17.79	56025.98	55980.27344	55922.29853	55826.52344	504920.3	5410034.1
L4920.0	0.0	0.0	41100.39844	405.86	0	48.843260	-86.932940	56009.09	56232.2	17.80	56026.90	55981.31641	55923.98916	55828.90234	504920.3	5410034.1
L4920.0	0.0	0.0	41100.50000	407.54	0	48.843272	-86.932940	56010.29	56232.2	17.82	56028.10	55982.64453	55932.19264	55837.80469	504920.3	5410035.5
L4920.0	0.0	0.0	41100.60156	408.64	0	48.843284	-86.932940	56011.02	56232.2	17.83	56028.85	55983.52344	55928.66737	55834.98438	504920.3	5410036.8
L4920.0	0.0	0.0	41100.69922	406.89	0	48.843298	-86.932940	56012.06	56232.2	17.84	56029.90	55984.71094	55932.16119	55839.18359	504920.3	5410038.4
L4920.0	0.0	0.0	41100.80078	405.79	0	48.843298	-86.932940	56013.02	56232.2	17.85	56030.87	55985.82031	55933.18034	55840.91406	504920.3	5410038.4
L4920.0	0.0	0.0	41100.89844	407.32	0	48.843309	-86.932940	56014.13	56232.1	17.86	56031.99	55987.08594	55937.47687	55845.92578	504920.3	5410039.5
L4920.0	0.0	0.0	41100.89844	407.32	0	48.843327	-86.932940	56015.20	56232.1	17.86	56033.05	55988.29297	55939.80621	55848.97266	504920.3	5410041.6
L4920.0	0.0	0.0	41101.10156	404.46	0	48.843327	-86.932940	56016.08	56232.1	17.88	56033.96	55989.35547	55937.92313	55847.81641	504920.3	5410041.6
L4920.0	0.0	0.0	41101.19922	402.72	0	48.843341	-86.932941	56017.24	56232.1	17.89	56035.13	55990.68359	55942.07897	55852.69531	504920.3	5410043.2
L4920.0	0.0	0.0	41101.30078	404.82	0	48.843356	-86.932941	56018.46	56232.1	17.90	56036.35	55992.06250	55947.02978	55858.37500	504920.3	5410044.8
L4920.0	0.0	0.0	41101.39844	404.52	0	48.843356	-86.932941	56019.24	56232.1	17.91	56037.14	55993.01563	55940.78377	55852.85938	504920.3	5410044.8
L4920.0	0.0	0.0	41101.50000	405.96	0	48.843368	-86.932941	56020.76	56232.1	17.92	56038.67	55994.71094	55952.58736	55865.39844	504920.3	5410046.2
L4920.0	0.0	0.0	41101.60156	405.98	0	48.843385	-86.932941	56021.72	56232.1	17.92	56039.64	55995.85156	55949.95509	55863.50000	504920.3	5410048.1
L4920.0	0.0	0.0	41101.69922	407.59	0	48.843385	-86.932941	56022.91	56232.1	17.93	56040.84	55997.22656	55952.63654	55866.91797	504920.3	5410048.1
L4920.0	0.0	0.0	41101.80078	405.40	0	48.843399	-86.932941	56024.30	56232.1	17.94	56042.24	55998.80469	55959.88741	55874.90625	504920.3	5410049.6
L4920.0	0.0	0.0	41101.89844	405.34	0	48.843414	-86.932941	56025.16	56232	17.95	56043.11	55999.85547	55953.46869	55869.22656	504920.3	5410051.2
L4920.0	0.0	0.0	41102.00000	405.69	0	48.843414	-86.932941	56026.63	56232	17.96	56044.59	56001.51953	55961.87795	55878.37500	504920.3	5410051.2
L4920.0	0.0	0.0	41102.10156	407.23	0	48.843426	-86.932940	56027.71	56232	17.97	56045.69	56002.80859	55960.37844	55877.61328	504920.3	5410052.6
L4920.0	0.0	0.0	41102.19922	408.82	0	48.843438	-86.932940	56029.08	56232	17.98	56047.06	56004.36719	55965.22163	55883.19531	504920.3	5410054.0
L4920.0	0.0	0.0	41102.30078	409.69	0	48.843438	-86.932940	56030.75	56232	18.00	56048.74	56006.24219	55977.41364	55896.12500	504920.3	5410054.0
L4920.0	0.0	0.0	41102.39844	407.20	0	48.843458	-86.932940	56031.41	56232	18.01	56049.41	56007.10938	55963.97059	55883.41797	504920.3	5410056.1
L4920.0	0.0	0.0	41102.50000	408.48	0	48.843466	-86.932940	56033.18	56232	18.02	56051.20	56009.09766	55978.13375	55898.32031	504920.3	5410057.1

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4920.0	0.0	0.0	41102.60156	409.54	0	48.843481	-86.932940	56034.14	56232	18.03	56052.17	56010.26953	55971.42407	55892.34766	504920.3	5410058.7
L4920.0	0.0	0.0	41102.69922	409.66	0	48.843492	-86.932940	56035.64	56232	18.04	56053.68	56011.98438	55977.83870	55899.49609	504920.3	5410060.0
L4920.0	0.0	0.0	41102.80078	409.48	0	48.843492	-86.932940	56037.13	56231.9	18.06	56055.18	56013.69141	55983.63882	55906.02344	504920.3	5410060.0
L4920.0	0.0	0.0	41102.89844	408.32	0	48.843505	-86.932940	56038.36	56231.9	18.07	56056.43	56015.15234	55982.83350	55905.94922	504920.3	5410061.4
L4920.0	0.0	0.0	41102.89844	408.32	0	48.843520	-86.932940	56039.98	56231.9	18.07	56058.04	56016.97656	55990.67577	55914.51563	504920.3	5410063.1
L4920.0	0.0	0.0	41103.00000	408.18	0	48.843529	-86.932940	56041.27	56231.9	18.08	56059.35	56018.50000	55990.67800	55915.24609	504920.3	5410064.1
L4920.0	0.0	0.0	41103.19922	406.79	0	48.843529	-86.932940	56042.46	56231.9	18.10	56060.56	56019.92969	55987.84647	55913.13281	504920.3	5410064.1
L4920.0	0.0	0.0	41103.30078	407.97	0	48.843542	-86.932939	56044.26	56231.9	18.11	56062.37	56021.95703	55999.68394	55925.68750	504920.3	5410065.5
L4920.0	0.0	0.0	41103.39844	407.69	0	48.843557	-86.932940	56045.57	56231.9	18.12	56063.69	56023.50000	55998.95628	55925.67578	504920.3	5410067.2
L4920.0	0.0	0.0	41103.50000	409.45	0	48.843557	-86.932940	56047.14	56231.9	18.13	56065.27	56025.30469	56004.41611	55931.84375	504920.3	5410067.2
L4920.0	0.0	0.0	41103.60156	409.69	0	48.843568	-86.932940	56048.36	56231.9	18.13	56066.49	56026.75000	56000.57609	55928.71484	504920.3	5410068.4
L4920.0	0.0	0.0	41103.69922	408.92	0	48.843584	-86.932940	56049.65	56231.9	18.14	56067.79	56028.27734	55998.44131	55927.28125	504920.3	5410070.2
L4920.0	0.0	0.0	41103.80078	409.72	0	48.843595	-86.932940	56051.46	56231.8	18.15	56069.61	56030.32422	56009.01691	55938.55469	504920.3	5410071.4
L4920.0	0.0	0.0	41103.89844	408.37	0	48.843595	-86.932940	56052.90	56231.8	18.16	56071.06	56032.00781	56010.06779	55940.29688	504920.3	5410071.4
L4920.0	0.0	0.0	41104.00000	406.76	0	48.843612	-86.932940	56054.25	56231.8	18.17	56072.42	56033.60156	56008.60045	55939.51953	504920.3	5410073.3
L4920.0	0.0	0.0	41104.10156	408.00	0	48.843623	-86.932940	56056.07	56231.8	18.18	56074.25	56035.66406	56018.61938	55950.22266	504920.3	5410074.5
L4920.0	0.0	0.0	41104.19922	409.57	0	48.843623	-86.932940	56057.54	56231.8	18.19	56075.73	56037.37891	56019.63919	55951.92188	504920.3	5410074.5
L4920.0	0.0	0.0	41104.30078	408.85	0	48.843635	-86.932940	56058.88	56231.8	18.20	56077.07	56038.95703	56016.91707	55949.87109	504920.3	5410075.9
L4920.0	0.0	0.0	41104.39844	408.18	0	48.843650	-86.932940	56060.77	56231.8	18.21	56078.98	56041.10547	56028.20659	55961.82813	504920.2	5410077.5
L4920.0	0.0	0.0	41104.50000	406.46	0	48.843669	-86.932941	56062.34	56231.8	18.22	56080.56	56042.92578	56031.02308	55965.30859	504920.2	5410079.6
L4920.0	0.0	0.0	41104.60156	408.16	0	48.843669	-86.932941	56063.86	56231.8	18.23	56082.09	56044.69922	56032.37334	55967.31641	504920.2	5410079.6
L4920.0	0.0	0.0	41104.69922	407.53	0	48.843686	-86.932941	56065.50	56231.8	18.24	56083.74	56046.58984	56036.51499	55972.10938	504920.2	5410081.5
L4920.0	0.0	0.0	41104.80078	407.53	0	48.843686	-86.932941	56067.27	56231.8	18.25	56085.52	56048.61328	56043.70680	55979.94141	504920.2	5410081.5
L4920.0	0.0	0.0	41104.89844	402.72	0	48.843702	-86.932941	56068.39	56231.7	18.26	56086.65	56049.98828	56034.46335	55971.33594	504920.2	5410083.3
L4920.0	0.0	0.0	41104.89844	402.72	0	48.843715	-86.932941	56070.14	56231.7	18.26	56088.40	56051.98438	56040.53429	55978.03906	504920.2	5410084.7
L4920.0	0.0	0.0	41105.10156	404.60	0	48.843728	-86.932941	56072.05	56231.7	18.28	56090.33	56054.16016	56050.93170	55989.06250	504920.2	5410086.1
L4920.0	0.0	0.0	41105.19922	405.20	0	48.843741	-86.932941	56073.53	56231.7	18.29	56091.82	56055.89844	56050.16898	55988.91797	504920.2	5410087.6
L4920.0	0.0	0.0	41105.30078	405.62	0	48.843741	-86.932941	56075.21	56231.7	18.30	56093.52	56057.84766	56054.50025	55993.86328	504920.2	5410087.6
L4920.0	0.0	0.0	41105.39844	406.46	0	48.843758	-86.932942	56076.78	56231.7	18.31	56095.10	56059.67578	56055.68676	55995.65234	504920.1	5410089.5
L4920.0	0.0	0.0	41105.50000	406.06	0	48.843773	-86.932942	56078.69	56231.7	18.32	56097.01	56061.83594	56064.98406	56005.54688	504920.1	5410091.1
L4920.0	0.0	0.0	41105.60156	405.29	0	48.843784	-86.932942	56079.62	56231.7	18.34	56097.96	56063.03516	56050.16029	55991.31641	504920.1	5410092.4
L4920.0	0.0	0.0	41105.69922	405.58	0	48.843784	-86.932942	56081.37	56231.7	18.35	56099.71	56065.03516	56055.21140	55996.95313	504920.1	5410092.4
L4920.0	0.0	0.0	41105.80078	408.19	0	48.843801	-86.932943	56083.36	56231.6	18.36	56101.72	56067.29688	56066.65002	56008.96875	504920.1	5410094.3
L4920.0	0.0	0.0	41105.89844	408.49	0	48.843801	-86.932943	56085.21	56231.6	18.37	56103.58	56069.40625	56074.23774	56017.12500	504920.1	5410094.3
L4920.0	0.0	0.0	41106.00000	406.94	0	48.843816	-86.932943	56087.00	56231.6	18.38	56105.38	56071.46094	56080.23249	56023.68359	504920.0	5410096.0
L4920.0	0.0	0.0	41106.10156	408.95	0	48.843816	-86.932943	56088.27	56231.6	18.39	56106.65	56072.98047	56072.89619	56016.90625	504920.0	5410096.0
L4920.0	0.0	0.0	41106.19922	409.72	0	48.843831	-86.932943	56090.22	56231.6	18.40	56108.62	56075.20313	56082.97834	56027.53516	504920.0	5410097.6
L4920.0	0.0	0.0	41106.30078	409.75	0	48.843848	-86.932944	56091.73	56231.6	18.41	56110.14	56076.97656	56081.74566	56026.84375	504920.0	5410099.5
L4920.0	0.0	0.0	41106.39844	408.77	0	48.843861	-86.932944	56093.33	56231.6	18.42	56111.74	56078.82813	56082.45256	56028.08203	504920.0	5410101.0
L4920.0	0.0	0.0	41106.50000	410.55	0	48.843861	-86.932944	56095.40	56231.6	18.43	56113.83	56081.16797	56095.35427	56041.51172	504920.0	5410101.0
L4920.0	0.0	0.0	41106.60156	408.70	0	48.843873	-86.932944	56097.02	56231.6	18.43	56115.45	56083.04297	56096.46584	56043.14063	504919.9	5410102.3
L4920.0	0.0	0.0	41106.69922	407.91	0	48.843886	-86.932945	56098.64	56231.6	18.44	56117.08	56084.92188	56097.79178	56044.98047	504919.9	5410103.7
L4920.0	0.0	0.0	41106.80078	408.96	0	48.843886	-86.932945	56100.48	56231.5	18.45	56118.94	56087.03516	56104.83841	56052.53125	504919.9	5410103.7
L4920.0	0.0	0.0	41106.89844	410.47	0	48.843903	-86.932945	56102.08	56231.5	18.46	56120.54	56088.88672	56105.36705	56053.55469	504919.9	5410105.6
L4920.0	0.0	0.0	41106.89844	410.47	0	48.843916	-86.932945	56103.65	56231.5	18.46	56122.11	56090.70703	56105.13372	56053.80859	504919.9	5410107.1
L4920.0	0.0	0.0	41107.00000	406.22	0	48.843916	-86.932945	56105.46	56231.5	18.47	56123.93	56092.77734	56111.14395	56060.30469	504919.9	5410107.1
L4920.0	0.0	0.0	41107.19922	408.26	0	48.843929	-86.932946	56106.71	56231.5	18.48	56125.20	56094.30078	56103.41100	56053.04688	504919.8	5410108.6
L4920.0	0.0	0.0	41107.30078	410.04	0	48.843942	-86.932946	56108.78	56231.5	18.49	56127.27	56096.62109	56115.68238	56065.78516	504919.8	5410110.0
L4920.0	0.0	0.0	41107.39844	409.49	0	48.843956	-86.932946	56110.02	56231.5	18.49	56128.51	56098.10938	56107.22714	56057.78516	504919.8	5410111.5
L4920.0	0.0	0.0	41107.50000	408.68	0	48.843956	-86.932946	56112.20	56231.5	18.50	56130.70	56100.54688	56122.53942	56073.55078	504919.8	5410111.5
L4920.0	0.0	0.0	41107.60156	410.11	0	48.843974	-86.932946	56113.59	56231.5	18.51	56132.09	56102.18750	56117.88887	56069.34766	504919.8	5410113.6
L4920.0	0.0	0.0	41107.69922	409.50	0	48.843989	-86.932946	56115.39	56231.5	18.51	56133.90	56104.24609	56123.77345	56075.67188	504919.8	5410115.2
L4920.0	0.0	0.0	41107.80078	409.55	0	48.843989	-86.932946	56117.31	56231.5	18.52	56135.83	56106.42188	56132.70200	56085.03125	504919.8	5410115.2
L4920.0	0.0	0.0	41107.89844	407.74	0	48.844004	-86.932946	56118.59	56231.5	18.52	56137.12	56107.96094	56125.68659	56078.43750	504919.8	5410116.9
L4920.0	0.0	0.0	41108.00000	408.52	0	48.844018	-86.932946	56120.65	56231.5	18.53	56139.18	56110.26563	56137.97337	56091.14063	504919.8	5410118.4
L4920.0	0.0	0.0	41108.10156	407.91	0	48.844033	-86.932946	56121.98	56231.5	18.54	56140.52	56111.85156	56132.32943	56085.90625	504919.8	5410120.1
L4920.0	0.0	0.0	41108.19922	408.67	0	48.844033	-86.932946	56123.43	56231.5	18.55	56141.98	56113.55469	56129.75478	56083.73438	504919.8	5410120.1
L4920.0	0.0	0.0	41108.30078	408.65	0	48.844050	-86.932945	56125.53	56231.4	18.55	56144.08	56115.89844	56143.25164	56097.62891	504919.8	5410122.0
L4920.0	0.0	0.0	41108.39844	409.76	0	48.844063	-86.932945	56127.31	56231.4	18.56	56145.87	56117.93359	56149.08272	56103.84766	504919.8	5410123.4
L4920.0	0.0	0.0	41108.50000	411.49	0	48.844063	-86.932945	56128.89	56231.4	18.57	56147.46	56119.76563	56150.00291	56105.14844	504919.8	5410123.4
L4920.0	0.0	0.0	41108.60156	412.63	0	48.844080	-86.932945	56130.61	56231.4	18.58	56149.19	56121.73438	56154.51530	56110.03906	504919.9	5410125.3
L4920.0	0.0	0.0	41108.69922	414.93	0	48.844080	-86.932945	56131.81	56231.4	18.59	56150.39	56123.17578	56145.88015	56101.77344	504919.9	5410125.3
L4920.0	0.0	0.0	41108.80078	414.49	0	48.844106	-86.932945	56133.77	56231.4	18.59	56152.37	56125.39453	56156.84319	56113.09766	504919.9	5410128.2
L4920.0	0.0	0.0	41108.89844	412.15	0	48.844106	-86.932945	56135.45	56231.4	18.60	56154.05	56127.31250	56160.41738	56117.02734	504919.9	5410128.2
L4920.0	0.0	0.0	41108.89844	412.15	0	48.844121	-86.932944	56137.14	56231.4	18.60	56155.74	56129.23828	56164.35544	56121.31641	504919.9	5410129.8
L4920.0	0.0	0.0	41109.00000	410.71	0	48.844121	-86.932944	56138.88	56231.4	18.61	56157.49	56131.22266	56169.91180	56127.21484	504919.9	5410129.8
L4920.0	0.0	0.0	41109.19922	407.87	0	48.844136	-86.932944	56140.18	56231.4	18.61	56158.79	56132.75781	56164.34486	56121.98438	504919.9	5410131.5
L4920.0	0.0	0.0	41109.30078	408.86	0	48.844152	-86.932944	56141.99	56231.4	18.61	56160.60	56134.80078	56171.65217	56129.62500	504919.9	5410133.3
L4920.0	0.0	0.0	41109.39844	409.92	0	48.844152	-86.932944	56143.49	56231.4	18.61	56162.10	56136.53516	56171.34407	56129.64063	504919.9	5410133.3
L4920.0	0.0	0.0	41109.50000	409.49	0	48.844170	-86.932944	56145.06	56231.4	18.61	56163.67	56138.33594	56172.92205	56131.53516	504919.9	5410135.3
L4920.0	0.0	0.0	41109.60156	409.72	0	48.844170	-86.932944	56146.82	56231.4	18.61	56165.43	56140.32422	56179.38933	56138.32031	504919.9	5410135.3
L4920.0	0.0	0.0	41109.69922	411.08	0	48.844185	-86.932944	56148.02	56231.4	18.61	56166.63	56141.75391	56172.00534	56131.24219	504920.0	5410137.0
L4920.0	0.0	0.0	41109.80078	412.07	0	48.844204	-86.932943	56150.20	56231.4	18.61	56168.81	56144.16016	56189.26271	56148.80078	504920.0	5410139.0
L4920.0	0.0	0.0	41109.89844	412.34	0	48.844219	-86.932943	56151.20	56231.4	18.61	56169.81	56145.38672	56177.18081	56137.01563	504920.0	5410140.7
L4920.0	0.0	0.0	41110.00000	411.51	0	48.844219	-86.932943	56153.02	56231.4	18.61	56171.63	56147.42969	56185.74867	56145.87500	504920.0	5410140.7
L4920.0	0.0	0.0	41110.10156	409.86	0	48.844235	-86.932943	56154.39	56231.4	18.61	56173.00	56149.02344	56183.22893	56143.64063	504920.0	5410142.5
L4920.0	0.0	0.0	41110.19922	407.27	0	48.844235	-86.932943	56155.94	56231.4	18.62	56174.55	56150.79297	56185.37030	56146.06250	504920.0	5410142.5
L4920.0	0.0	0.0	41110.30078	406.57	0	48.844251	-86.932942	56157.53	56231.4	18.62	56176.15	56152.61328	56188.92687	56149.89453	504920.0	5410144.4
L4920.0	0.0	0.0	41110.39844	404.83	0	48.844264	-86.932942	56159.24	56231.4	18.62	56177.86	56154.54297	56195.40122	56156.63672	504920.0	5410145.7
L4920.0	0.0	0.0	41110.50000	404.74	0	48.844280	-86.932942	56160.39	56231.4	18.63	56179.01	56155.91016	56188.05112	56149.55469	504920.1	5410147.6
L4920.0	0.0	0.0	41110.60156	402.64	0	48.844280	-86.932942	56162.41	56231.4	18.63	56181.03	56158.14453	56202.61894	56164.38281	504920.1	5410147.6
L4920.0	0.0	0.0	41110.69922	404.27	0	48.844291	-86.932942	56163.68	56231.4	18.63	56182.31	56159.64063	56198.86902	56160.89063	504920.1	5410148.7
L4920.0	0.0	0.0	41110.80078	403.96	0	48.844306	-86.932941	56164.88	56231.4	18.63	56183.52	56161.06250	56193.54900	56155.82031	504920.1	5410150.4
L4920.0	0.0	0.0	41110.89844	405.00	0	48.844306	-86.932941	56166.91	56231.4	18.64	56185.55	56163.30469	56208.90482	56171.42188	504920.1	5410150.4
L4920.0	0.0	0.0	41110.89844	405.00	0	48.844322	-86.932941	56168.10	56231.4	18.64	56186.74	56164.70313	56203.45082	56166.21094	504920.1	5410152.2
L4920.0	0.0	0.0	41111.00000	405.73	0	48.844337	-86.932941	56169.60	56231.4	18.64	56188.24	56166.41016	56205.93079	56168.92969	504920.1	5410153.8
L4920.0	0.0	0.0	41111.19922	406.41	0	48.844348	-86.932941	56171.01	56231.4	18.65	56189.66	56168.03906	56206.59961	56169.83203	504920.2	5410155.0
L4920.0	0.0	0.0	41111.30078	407.97	0	48.844362	-86.932941	56172.62	56231.3	18.65	56191.27	56169.85156	56212.20724	56175.66797	504920.2	5410156.7
L4920.0	0.0	0.0	41111.39844	407.10	0	48.844362	-86.932941	56174.35	56231.3	18.66	56193.00	56171.78516	56221.00601	56184.69531	504920.2	5410156.7
L4920.0	0.0	0.0	41111.50000	408.76	0	48.844379	-86.932940	56175.52	56231.3	18.66	56194.18	56173.16797	56216.25249	56180.16406	504920.2	5410158.5
L4920.0	0.0	0.0	41111.60156	409.63	0	48.844390	-86.932940	56176.90	56231.3	18.66	56195.56	56174.74609	56216.69283	56180.82422	504920.2	5410159.8
L4920.0	0.0	0.0	41111.69922	408.78	0	48.844402	-86.932940	56178.64	56231.3	18.67	56197.31	56176.69141	56226.57727	56190.92188	504920.2	5410161.1
L4920.0	0.0	0.0	41111.80078	405.98	0	48.844402	-86.932940	56180.02	56231.3	18.67	56198.70	56178.28125	56227.66251	56192.21875	504920.2	5410161.1

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4920.0	0.0	0.0	41111.89844	406.75	0	48.844413	-86.932940	56181.42	56231.3	18.68	56200.10	56179.87500	56229.19713	56193.95703	504920.2	5410162.3
L4920.0	0.0	0.0	41112.00000	408.21	0	48.844429	-86.932940	56182.87	56231.3	18.68	56201.55	56181.51563	56232.18201	56197.14844	504920.2	5410164.1
L4920.0	0.0	0.0	41112.10156	406.81	0	48.844429	-86.932940	56184.37	56231.3	18.68	56203.05	56183.20703	56236.61824	56201.78516	504920.2	5410164.1
L4920.0	0.0	0.0	41112.19922	408.53	0	48.844445	-86.932940	56185.30	56231.3	18.68	56203.97	56184.31641	56226.76137	56192.12891	504920.2	5410165.8
L4920.0	0.0	0.0	41112.30078	408.76	0	48.844458	-86.932940	56186.94	56231.3	18.67	56205.61	56186.14453	56235.10283	56200.66406	504920.2	5410167.3
L4920.0	0.0	0.0	41112.39844	410.98	0	48.844474	-86.932940	56188.34	56231.3	18.67	56207.01	56187.73047	56237.65038	56203.40234	504920.2	5410169.1
L4920.0	0.0	0.0	41112.50000	412.44	0	48.844474	-86.932940	56189.45	56231.3	18.67	56208.12	56189.02344	56233.15507	56199.09766	504920.2	5410169.1
L4920.0	0.0	0.0	41112.60156	410.05	0	48.844492	-86.932940	56190.79	56231.3	18.67	56209.45	56190.53516	56234.36381	56200.49219	504920.2	5410171.1
L4920.0	0.0	0.0	41112.69922	410.26	0	48.844507	-86.932939	56192.31	56231.3	18.67	56210.98	56192.24219	56240.77723	56207.08984	504920.2	5410172.8
L4920.0	0.0	0.0	41112.80078	411.61	0	48.844507	-86.932939	56193.41	56231.3	18.66	56212.08	56193.52344	56236.65033	56203.14063	504920.2	5410172.8
L4920.0	0.0	0.0	41112.89844	412.07	0	48.844521	-86.932939	56194.82	56231.3	18.66	56213.48	56195.09766	56240.22815	56206.89844	504920.2	5410174.4
L4920.0	0.0	0.0	41112.89844	412.07	0	48.844537	-86.932939	56196.38	56231.3	18.66	56215.04	56196.83203	56248.01194	56214.85938	504920.2	5410176.1
L4920.0	0.0	0.0	41113.10156	410.83	0	48.844537	-86.932939	56197.42	56231.3	18.66	56216.08	56198.04688	56243.00680	56210.02734	504920.2	5410176.1
L4920.0	0.0	0.0	41113.19922	405.25	0	48.844555	-86.932939	56198.69	56231.3	18.66	56217.35	56199.48438	56243.95736	56211.14844	504920.2	5410178.1
L4920.0	0.0	0.0	41113.30078	403.14	0	48.844566	-86.932939	56199.94	56231.3	18.66	56218.60	56200.90625	56244.61542	56211.97656	504920.2	5410179.3
L4920.0	0.0	0.0	41113.39844	402.46	0	48.844582	-86.932939	56201.47	56231.3	18.66	56220.13	56202.60156	56252.47873	56220.00781	504920.2	5410181.1
L4920.0	0.0	0.0	41113.50000	402.91	0	48.844582	-86.932939	56202.14	56231.3	18.66	56220.81	56203.44531	56239.30532	56207.00000	504920.2	5410181.1
L4920.0	0.0	0.0	41113.60156	404.92	0	48.844594	-86.932939	56203.77	56231.3	18.66	56222.43	56205.23047	56249.83194	56217.69141	504920.2	5410182.5
L4920.0	0.0	0.0	41113.69922	406.30	0	48.844610	-86.932939	56205.33	56231.3	18.66	56223.99	56206.94922	56259.06554	56227.08594	504920.2	5410184.2
L4920.0	0.0	0.0	41113.80078	410.17	0	48.844610	-86.932939	56206.46	56231.3	18.66	56225.12	56208.24219	56257.75841	56225.93750	504920.2	5410184.2
L4920.0	0.0	0.0	41113.89844	409.85	0	48.844624	-86.932939	56207.64	56231.3	18.66	56226.31	56209.58594	56258.15652	56226.49219	504920.2	5410185.7
L4920.0	0.0	0.0	41114.00000	412.72	0	48.844624	-86.932939	56209.03	56231.3	18.66	56227.69	56211.12500	56263.50839	56232.00391	504920.2	5410185.7
L4920.0	0.0	0.0	41114.10156	411.81	0	48.844637	-86.932940	56210.03	56231.3	18.66	56228.69	56212.27734	56259.56753	56228.21875	504920.2	5410187.2
L4920.0	0.0	0.0	41114.19922	412.93	0	48.844652	-86.932940	56211.05	56231.3	18.66	56229.71	56213.44922	56256.33037	56225.13281	504920.2	5410188.9
L4920.0	0.0	0.0	41114.30078	412.82	0	48.844661	-86.932940	56212.50	56231.3	18.66	56231.15	56215.03906	56263.79323	56232.74609	504920.2	5410189.9
L4920.0	0.0	0.0	41114.39844	412.32	0	48.844676	-86.932940	56213.93	56231.3	18.66	56232.59	56216.62500	56271.45837	56240.56250	504920.2	5410191.6
L4920.0	0.0	0.0	41114.50000	410.87	0	48.844676	-86.932940	56214.70	56231.3	18.65	56233.35	56217.53125	56262.32982	56231.58594	504920.2	5410191.6
L4920.0	0.0	0.0	41114.60156	410.20	0	48.844690	-86.932940	56216.48	56231.3	18.65	56235.13	56219.45703	56278.89430	56248.30078	504920.2	5410193.1
L4920.0	0.0	0.0	41114.69922	409.08	0	48.844705	-86.932940	56217.12	56231.3	18.65	56235.77	56220.23828	56267.16647	56236.71875	504920.1	5410194.8
L4920.0	0.0	0.0	41114.80078	409.76	0	48.844705	-86.932940	56218.70	56231.3	18.65	56237.35	56221.96094	56279.13017	56248.82813	504920.1	5410194.8
L4920.0	0.0	0.0	41114.89844	408.60	0	48.844726	-86.932941	56219.24	56231.3	18.65	56237.89	56222.63672	56265.29863	56235.14453	504920.1	5410197.1
L4920.0	0.0	0.0	41114.89844	408.60	0	48.844739	-86.932941	56220.84	56231.3	18.65	56239.49	56224.37500	56278.15540	56248.14844	504920.1	5410198.6
L4920.0	0.0	0.0	41115.00000	408.27	0	48.844752	-86.932941	56221.44	56231.3	18.65	56240.09	56225.10938	56266.21421	56236.35156	504920.1	5410200.0
L4920.0	0.0	0.0	41115.19922	410.37	0	48.844752	-86.932941	56222.76	56231.4	18.64	56241.40	56226.55078	56272.21132	56242.49219	504920.1	5410200.0
L4920.0	0.0	0.0	41115.30078	411.32	0	48.844766	-86.932940	56223.63	56231.4	18.64	56242.27	56227.55469	56267.40373	56237.82813	504920.1	5410201.5
L4920.0	0.0	0.0	41115.39844	411.77	0	48.844784	-86.932940	56224.98	56231.4	18.64	56243.62	56229.03125	56274.78333	56245.34766	504920.2	5410203.6
L4920.0	0.0	0.0	41115.50000	411.27	0	48.844793	-86.932940	56225.92	56231.4	18.64	56244.56	56230.10156	56272.10513	56242.81641	504920.2	5410204.6
L4920.0	0.0	0.0	41115.60156	410.04	0	48.844793	-86.932940	56227.12	56231.4	18.63	56245.75	56231.41406	56275.86281	56246.71484	504920.2	5410204.6
L4920.0	0.0	0.0	41115.69922	411.62	0	48.844808	-86.932939	56228.35	56231.4	18.63	56246.98	56232.76953	56280.80634	56251.80078	504920.2	5410206.2
L4920.0	0.0	0.0	41115.80078	410.33	0	48.844808	-86.932939	56229.42	56231.4	18.63	56248.04	56233.95313	56281.68562	56252.82031	504920.2	5410206.2
L4920.0	0.0	0.0	41115.89844	411.29	0	48.844825	-86.932939	56230.45	56231.4	18.62	56249.07	56235.10156	56281.99799	56253.27344	504920.3	5410208.2
L4920.0	0.0	0.0	41116.00000	412.12	0	48.844840	-86.932938	56231.34	56231.4	18.62	56249.96	56236.11328	56278.99253	56250.41016	504920.3	5410209.8
L4920.0	0.0	0.0	41116.10156	411.17	0	48.844840	-86.932938	56232.38	56231.4	18.62	56251.00	56237.26953	56279.91539	56251.47656	504920.3	5410209.8
L4920.0	0.0	0.0	41116.19922	410.55	0	48.844853	-86.932938	56233.25	56231.4	18.62	56251.87	56238.25391	56276.76711	56248.46875	504920.3	5410211.3
L4920.0	0.0	0.0	41116.30078	410.02	0	48.844866	-86.932938	56234.73	56231.4	18.62	56253.35	56239.84766	56289.04020	56260.88281	504920.3	5410212.7
L4920.0	0.0	0.0	41116.39844	409.01	0	48.844879	-86.932937	56235.54	56231.4	18.62	56254.16	56240.76953	56284.74208	56256.72656	504920.3	5410214.2
L4920.0	0.0	0.0	41116.50000	407.17	0	48.844879	-86.932937	56236.82	56231.4	18.62	56255.44	56242.16016	56292.36258	56264.48828	504920.3	5410214.2
L4920.0	0.0	0.0	41116.60156	406.79	0	48.844896	-86.932937	56237.46	56231.4	18.62	56256.08	56242.91016	56284.15781	56256.42969	504920.4	5410216.0
L4920.0	0.0	0.0	41116.69922	408.69	0	48.844910	-86.932937	56238.62	56231.4	18.62	56257.24	56244.17578	56289.11738	56261.53125	504920.4	5410217.6
L4920.0	0.0	0.0	41116.80078	406.25	0	48.844924	-86.932937	56239.81	56231.4	18.62	56258.43	56245.47266	56294.99284	56267.54688	504920.4	5410219.1
L4920.0	0.0	0.0	41116.89844	407.24	0	48.844924	-86.932937	56240.85	56231.4	18.62	56259.47	56246.61719	56297.28347	56269.98047	504920.4	5410219.1
L4920.0	0.0	0.0	41116.89844	407.24	0	48.844939	-86.932937	56241.23	56231.4	18.62	56259.85	56247.10156	56283.24091	56256.08594	504920.4	5410220.8
L4920.0	0.0	0.0	41117.00000	406.50	0	48.844954	-86.932937	56242.46	56231.4	18.62	56261.08	56248.43359	56290.60209	56263.59375	504920.4	5410222.5
L4920.0	0.0	0.0	41117.19922	405.91	0	48.844954	-86.932937	56243.68	56231.4	18.61	56262.30	56249.75391	56297.87114	56271.00781	504920.4	5410222.5
L4920.0	0.0	0.0	41117.30078	406.67	0	48.844971	-86.932937	56244.28	56231.4	18.61	56262.89	56250.44141	56289.55042	56262.83203	504920.4	5410224.4
L4920.0	0.0	0.0	41117.39844	405.91	0	48.844981	-86.932937	56245.24	56231.4	18.61	56263.85	56251.50000	56290.63051	56264.05859	504920.3	5410225.5
L4920.0	0.0	0.0	41117.50000	406.78	0	48.844994	-86.932937	56246.24	56231.4	18.60	56264.84	56252.58594	56292.61167	56266.19141	504920.3	5410227.0
L4920.0	0.0	0.0	41117.60156	408.59	0	48.844994	-86.932937	56247.56	56231.4	18.60	56266.16	56254.00000	56302.98953	56276.71875	504920.3	5410227.0
L4920.0	0.0	0.0	41117.69922	406.80	0	48.845009	-86.932937	56247.95	56231.4	18.60	56266.55	56254.48438	56290.27101	56264.14844	504920.3	5410228.5
L4920.0	0.0	0.0	41117.80078	407.33	0	48.845021	-86.932938	56249.35	56231.4	18.60	56267.95	56255.97656	56302.93977	56276.96875	504920.3	5410229.9
L4920.0	0.0	0.0	41117.89844	409.15	0	48.845036	-86.932938	56250.05	56231.4	18.59	56268.64	56256.75781	56298.00604	56272.18750	504920.3	5410231.6
L4920.0	0.0	0.0	41118.00000	408.88	0	48.845036	-86.932938	56250.63	56231.4	18.59	56269.22	56257.42578	56290.46319	56264.80078	504920.3	5410231.6
L4920.0	0.0	0.0	41118.10156	408.64	0	48.845057	-86.932938	56251.41	56231.4	18.59	56270.00	56258.29688	56288.05667	56262.55078	504920.3	5410233.9
L4920.0	0.0	0.0	41118.19922	407.46	0	48.845068	-86.932939	56252.55	56231.4	18.59	56271.13	56259.51563	56294.53310	56269.18359	504920.2	5410235.2
L4920.0	0.0	0.0	41118.30078	407.65	0	48.845082	-86.932939	56253.70	56231.4	18.58	56272.28	56260.75000	56301.64255	56276.44922	504920.2	5410236.7
L4920.0	0.0	0.0	41118.39844	408.18	0	48.845082	-86.932939	56254.31	56231.4	18.58	56272.89	56261.44922	56295.38677	56270.35547	504920.2	5410236.7
L4920.0	0.0	0.0	41118.50000	406.28	0	48.845099	-86.932939	56255.52	56231.4	18.58	56274.10	56262.74219	56304.25515	56279.38672	504920.2	5410238.6
L4920.0	0.0	0.0	41118.60156	404.66	0	48.845113	-86.932939	56256.09	56231.4	18.58	56274.67	56263.39844	56297.25436	56272.54688	504920.2	5410240.2
L4920.0	0.0	0.0	41118.69922	407.78	0	48.845113	-86.932939	56257.36	56231.4	18.58	56275.94	56264.75000	56307.87232	56283.33203	504920.2	5410240.2
L4920.0	0.0	0.0	41118.80078	409.47	0	48.845123	-86.932940	56258.28	56231.4	18.57	56276.85	56265.74219	56309.61438	56285.23828	504920.2	5410241.3
L4920.0	0.0	0.0	41118.89844	409.45	0	48.845135	-86.932940	56259.23	56231.4	18.57	56277.81	56266.78516	56312.72520	56288.51563	504920.1	5410242.5
L4920.0	0.0	0.0	41118.89844	409.45	0	48.845135	-86.932940	56259.82	56231.4	18.57	56278.39	56267.44922	56306.45556	56282.41797	504920.1	5410242.5
L4920.0	0.0	0.0	41119.10156	410.27	0	48.845155	-86.932940	56260.78	56231.4	18.56	56279.35	56268.48828	56309.79758	56285.93359	504920.1	5410244.8
L4920.0	0.0	0.0	41119.19922	410.01	0	48.845155	-86.932940	56261.88	56231.4	18.56	56280.44	56269.66016	56316.50072	56292.81250	504920.1	5410244.8
L4920.0	0.0	0.0	41119.30078	409.40	0	48.845170	-86.932940	56262.45	56231.4	18.55	56281.00	56270.29688	56310.06740	56286.55078	504920.1	5410246.4
L4920.0	0.0	0.0	41119.39844	410.97	0	48.845187	-86.932941	56263.41	56231.5	18.55	56281.96	56271.33594	56313.73853	56290.40234	504920.1	5410248.3
L4920.0	0.0	0.0	41119.39844	410.97	0	48.845200	-86.932941	56264.06	56231.5	18.55	56282.61	56272.06641	56309.76691	56286.61328	504920.1	5410249.9
L4920.0	0.0	0.0	41119.60156	412.39	0	48.845200	-86.932941	56264.82	56231.5	18.53	56283.35	56272.88672	56308.14727	56285.17578	504920.1	5410249.9
L4920.0	0.0	0.0	41119.69922	412.39	0	48.845215	-86.932941	56265.51	56231.5	18.53	56284.04	56273.65234	56305.37830	56282.58984	504920.0	5410251.5
L4920.0	0.0	0.0	41119.80078	409.41	0	48.845230	-86.932941	56266.74	56231.5	18.52	56285.26	56274.94922	56315.95344	56293.35156	504920.0	5410253.2
L4920.0	0.0	0.0	41119.89844	409.41	0	48.845244	-86.932941	56267.26	56231.5	18.52	56285.78	56275.55078	56309.12928	56286.71484	504920.0	5410254.7
L4920.0	0.0	0.0	41119.89844	410.13	0	48.845244	-86.932941	56268.04	56231.5	18.52	56286.55	56276.39453	56308.64661	56286.42578	504920.0	5410254.7
L4920.0	0.0	0.0	41120.00000	410.52	0	48.845259	-86.932942	56269.18	56231.5	18.51	56287.69	56277.61328	56317.50223	56295.47656	504920.0	5410256.4
L4920.0	0.0	0.0	41120.19922	412.82	0	48.845278	-86.932942	56269.85	56231.5	18.50	56288.36	56278.35938	56314.69992	56292.87109	504920.0	5410258.4
L4920.0	0.0	0.0	41120.30078	412.73	0	48.845278	-86.932942	56270.56	56231.5	18.50	56289.06	56279.13672	56312.73377	56291.10156	504920.0	5410258.4
L4920.0	0.0	0.0	41120.39844	412.68	0	48.845293	-86.932942	56271.48	56231.5	18.50	56289.97	56280.12500	56316.10017	56294.67188	504920.0	5410260.1
L4920.0	0.0	0.0	41120.50000	409.81	0	48.845310	-86.932942	56272.68	56231.5	18.50	56291.18	56281.41406	56327.04618	56305.82422	504920.0	5410262.0
L4920.0	0.0	0.0	41120.60156	409.23	0	48.845310	-86.932942	56272.98	56231.5	18.49	56291.47	56281.78125	56315.07840	56294.06250	504920.0	5410262.0
L4920.0	0.0	0.0	41120.69922	407.75	0	48.845322	-86.932942	56273.88	56231.5	18.49	56292.37	56282.75781	56318.43346	56297.62891	504920.0	5410263.4
L4920.0	0.0	0.0	41120.80078	407.64	0	48.845339	-86.932942	56274.77	56231.5	18.49	56293.26	56283.72656	56321.61362	56301.01953	504920.0	5410265.2
L4920.0	0.0	0.0	41120.89844	409.10	0	48.845339	-86.932942	56275.66	56231.5	18.48	56294.14	56284.68359	56324.61665	56304.23438	504920.0	5410265.2
L4920.0	0.0	0.0	41120.89844	409.10	0	48.845357	-86.932942	56276.25	56231.5	18.48	56294.74	56285.36328	56320.69230	56300.53125	504920.0	5410267.3
L4920.0	0.0	0.0	41121.00000	408.77	0	48.845368	-86.932942	56277.35	56231.5	18.48	56295.83	56286.53516	56329.08278	56309.14063	504920.0	5410268.5

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4920.0	0.0	0.0	41121.19922	412.30	0	48.845368	-86.932942	56277.63	56231.5	18.47	56296.10	56286.88281	56317.04542	56297.32813	504920.0	5410268.5
L4920.0	0.0	0.0	41121.30078	410.78	0	48.845382	-86.932942	56278.53	56231.5	18.47	56297.00	56287.86328	56320.81752	56301.32422	504919.9	5410270.0
L4920.0	0.0	0.0	41121.39844	409.97	0	48.845395	-86.932942	56279.49	56231.5	18.46	56297.96	56288.90234	56326.15108	56306.88672	504919.9	5410271.5
L4920.0	0.0	0.0	41121.50000	408.49	0	48.845411	-86.932942	56279.98	56231.5	18.46	56298.44	56289.46484	56319.54788	56300.51563	504919.9	5410273.2
L4920.0	0.0	0.0	41121.60156	407.34	0	48.845426	-86.932942	56280.79	56231.5	18.46	56299.25	56290.35938	56321.24994	56302.45313	504919.9	5410275.0
L4920.0	0.0	0.0	41121.69922	407.34	0	48.845426	-86.932942	56281.81	56231.5	18.45	56300.27	56291.46094	56328.25603	56309.69531	504919.9	5410275.0
L4920.0	0.0	0.0	41121.80078	405.09	0	48.845438	-86.932943	56282.66	56231.6	18.45	56301.11	56292.38281	56330.81692	56312.49609	504919.9	5410276.3
L4920.0	0.0	0.0	41121.89844	403.41	0	48.845459	-86.932943	56283.09	56231.6	18.44	56301.53	56292.88672	56322.93230	56304.85547	504919.9	5410278.5
L4920.0	0.0	0.0	41122.00000	405.35	0	48.845459	-86.932943	56284.17	56231.6	18.44	56302.61	56294.05469	56331.59230	56313.76172	504919.9	5410278.5
L4920.0	0.0	0.0	41122.10156	406.09	0	48.845472	-86.932943	56284.62	56231.6	18.43	56303.05	56294.57813	56324.30436	56306.72656	504919.9	5410280.0
L4920.0	0.0	0.0	41122.19922	405.26	0	48.845486	-86.932943	56285.46	56231.6	18.42	56303.88	56295.49609	56326.80902	56309.48047	504919.8	5410281.6
L4920.0	0.0	0.0	41122.30078	404.27	0	48.845499	-86.932943	56286.41	56231.6	18.41	56304.82	56296.52344	56332.10635	56315.03516	504919.8	5410283.1
L4920.0	0.0	0.0	41122.39844	405.46	0	48.845499	-86.932943	56287.02	56231.6	18.40	56305.43	56297.22266	56329.19762	56312.38281	504919.8	5410283.1
L4920.0	0.0	0.0	41122.50000	406.28	0	48.845525	-86.932944	56287.53	56231.6	18.39	56305.92	56297.80469	56323.32940	56306.77734	504919.8	5410285.9
L4920.0	0.0	0.0	41122.60156	405.98	0	48.845532	-86.932944	56288.50	56231.6	18.39	56306.89	56298.86719	56329.49545	56313.20703	504919.8	5410286.7
L4920.0	0.0	0.0	41122.69922	406.33	0	48.845532	-86.932944	56289.48	56231.6	18.38	56307.85	56299.91797	56335.44748	56319.42578	504919.8	5410286.7
L4920.0	0.0	0.0	41122.80078	409.05	0	48.845549	-86.932944	56289.93	56231.6	18.37	56308.29	56300.45313	56328.43736	56312.68359	504919.8	5410288.7
L4920.0	504919.8	5410290.1	41122.89844	408.70	0	48.845563	-86.932944	56290.77	56231.6	18.36	56309.13	56301.38672	56331.45664	56315.97656	504919.8	5410290.1
L4920.0	504919.8	5410290.1	41122.89844	408.70	0	48.845563	-86.932944	56291.74	56231.6	18.36	56310.10	56302.45313	56337.75549	56322.55078	504919.8	5410290.1
L4920.0	504919.8	5410292.0	41123.00000	406.67	0	48.845579	-86.932944	56292.05	56231.7	18.35	56310.40	56302.85156	56327.33800	56312.41406	504919.8	5410292.0
L4920.0	504919.7	5410294.1	41123.19922	407.41	0	48.845598	-86.932945	56292.79	56231.7	18.34	56311.13	56303.67969	56327.69448	56313.05078	504919.7	5410294.1
L4920.0	504919.7	5410295.5	41123.30078	408.25	0	48.845611	-86.932945	56293.47	56231.7	18.33	56311.81	56304.46094	56326.82674	56312.46484	504919.7	5410295.5
L4920.0	504919.7	5410295.5	41123.39844	410.30	0	48.845611	-86.932945	56294.57	56231.7	18.33	56312.90	56305.65234	56336.22980	56322.15625	504919.7	5410295.5
L4920.0	504919.7	5410297.5	41123.50000	411.24	0	48.845629	-86.932945	56295.11	56231.7	18.32	56313.43	56306.28516	56331.65911	56317.87500	504919.7	5410297.5
L4920.0	504919.7	5410298.8	41123.60156	410.80	0	48.845641	-86.932945	56295.55	56231.7	18.32	56313.87	56306.83203	56324.85967	56311.36719	504919.7	5410298.8
L4920.0	504919.7	5410298.8	41123.69922	411.36	0	48.845641	-86.932945	56296.34	56231.7	18.32	56314.65	56307.71484	56326.57684	56313.37891	504919.7	5410298.8
L4920.0	504919.7	5410300.0	41123.80078	412.86	0	48.845652	-86.932945	56297.20	56231.7	18.31	56315.51	56308.68359	56330.31100	56317.41016	504919.7	5410300.0
L4920.0	504919.7	5410301.9	41123.89844	410.16	0	48.845668	-86.932945	56298.30	56231.7	18.31	56316.60	56309.88281	56339.80960	56327.20703	504919.7	5410301.9
L4920.0	504919.7	5410303.3	41124.00000	410.19	0	48.845682	-86.932946	56299.17	56231.7	18.30	56317.47	56310.86328	56343.82449	56331.52344	504919.7	5410303.3
L4920.0	504919.7	5410303.3	41124.10156	409.41	0	48.845682	-86.932946	56299.46	56231.7	18.30	56317.76	56311.26563	56333.35689	56321.36328	504919.7	5410303.3
L4920.0	504919.7	5410305.6	41124.19922	408.05	0	48.845702	-86.932946	56300.01	56231.7	18.29	56318.30	56311.92188	56329.14942	56317.46094	504919.7	5410305.6
L4920.0	504919.7	5410305.6	41124.30078	410.31	0	48.845702	-86.932946	56300.81	56231.7	18.29	56319.09	56312.82813	56331.20078	56319.82031	504919.7	5410305.6
L4920.0	504919.7	5410307.5	41124.39844	410.63	0	48.845719	-86.932946	56301.69	56231.7	18.28	56319.97	56313.82422	56335.51086	56324.44141	504919.7	5410307.5
L4920.0	504919.6	5410308.9	41124.50000	412.11	0	48.845732	-86.932946	56302.54	56231.7	18.28	56320.81	56314.78516	56338.82938	56328.07422	504919.6	5410308.9
L4920.0	504919.7	5410310.6	41124.60156	411.41	0	48.845747	-86.932946	56303.43	56231.7	18.27	56321.70	56315.79297	56343.40448	56332.96875	504919.7	5410310.6
L4920.0	504919.7	5410310.6	41124.69922	411.54	0	48.845747	-86.932946	56304.12	56231.7	18.26	56322.39	56316.60547	56342.98685	56332.86719	504919.7	5410310.6
L4920.0	504919.6	5410312.3	41124.80078	409.64	0	48.845763	-86.932946	56304.45	56231.7	18.26	56322.71	56317.05078	56333.32661	56323.52344	504919.6	5410312.3
L4920.0	504919.6	5410312.3	41124.89844	409.16	0	48.845763	-86.932946	56305.50	56231.7	18.25	56323.75	56318.21875	56341.66477	56332.18359	504919.6	5410312.3
L4920.0	504919.6	5410313.8	41124.89844	409.16	0	48.845775	-86.932946	56306.14	56231.7	18.25	56324.39	56318.98438	56340.00846	56330.85156	504919.6	5410313.8
L4920.0	504919.6	5410315.5	41125.10156	411.34	0	48.845791	-86.932946	56306.85	56231.8	18.25	56325.09	56319.81250	56339.85335	56331.02344	504919.6	5410315.5
L4920.0	504919.6	5410316.9	41125.19922	409.03	0	48.845804	-86.932946	56307.70	56231.8	18.24	56325.93	56320.78516	56343.19793	56334.69531	504919.6	5410316.9
L4920.0	504919.6	5410316.9	41125.30078	409.05	0	48.845804	-86.932946	56308.69	56231.8	18.24	56326.92	56321.90625	56350.29124	56342.11328	504919.6	5410316.9
L4920.0	504919.6	5410319.1	41125.39844	408.09	0	48.845824	-86.932946	56308.89	56231.8	18.23	56327.12	56322.24219	56337.63924	56329.78906	504919.6	5410319.1
L4920.0	504919.6	5410320.6	41125.50000	408.06	0	48.845836	-86.932946	56309.99	56231.8	18.22	56328.22	56323.47656	56347.47887	56339.96094	504919.6	5410320.6
L4920.0	504919.6	5410320.6	41125.60156	406.26	0	48.845836	-86.932946	56310.52	56231.8	18.22	56328.74	56324.13672	56342.82011	56335.63672	504919.6	5410320.6
L4920.0	504919.6	5410322.7	41125.69922	404.89	0	48.845856	-86.932946	56311.34	56231.8	18.21	56329.56	56325.09375	56345.65584	56338.80469	504919.6	5410322.7
L4920.0	504919.7	5410324.2	41125.80078	404.45	0	48.845870	-86.932946	56312.18	56231.8	18.21	56330.39	56326.06641	56348.73751	56342.21875	504919.7	5410324.2
L4920.0	504919.7	5410324.2	41125.89844	406.05	0	48.845870	-86.932946	56312.75	56231.8	18.20	56330.95	56326.76953	56345.06651	56338.88281	504919.7	5410324.2
L4920.0	504919.7	5410326.2	41126.00000	408.60	0	48.845888	-86.932945	56313.51	56231.8	18.20	56331.71	56327.67578	56346.38884	56340.53906	504919.7	5410326.2
L4920.0	504919.7	5410328.0	41126.10156	407.03	0	48.845903	-86.932945	56314.67	56231.8	18.19	56332.86	56328.96875	56357.45257	56351.94141	504919.7	5410328.0
L4920.0	504919.7	5410329.6	41126.19922	405.30	0	48.845917	-86.932945	56315.32	56231.8	18.19	56333.51	56329.76953	56356.01367	56350.83984	504919.7	5410329.6
L4920.0	504919.7	5410329.6	41126.30078	403.50	0	48.845917	-86.932945	56315.73	56231.8	18.18	56333.91	56330.31641	56348.31986	56343.48047	504919.7	5410329.6
L4920.0	504919.7	5410331.4	41126.39844	404.61	0	48.845934	-86.932945	56317.01	56231.8	18.17	56335.18	56331.73828	56362.36258	56357.85938	504919.7	5410331.4
L4920.0	504919.7	5410333.0	41126.50000	405.81	0	48.845948	-86.932945	56317.34	56231.8	18.17	56335.50	56332.21094	56352.65467	56348.49219	504919.7	5410333.0
L4920.0	504919.7	5410333.0	41126.60156	408.14	0	48.845948	-86.932945	56318.36	56231.8	18.16	56336.52	56333.38281	56360.43381	56356.60938	504919.7	5410333.0
L4920.0	504919.7	5410334.1	41126.69922	407.24	0	48.845959	-86.932945	56318.84	56231.8	18.15	56336.99	56334.00781	56354.45879	56350.97266	504919.7	5410334.1
L4920.0	504919.7	5410335.6	41126.80078	406.16	0	48.845972	-86.932944	56319.76	56231.9	18.14	56337.91	56335.08594	56359.72207	56356.57031	504919.7	5410335.6
L4920.0	504919.7	5410335.6	41126.89844	405.76	0	48.845972	-86.932944	56320.53	56231.9	18.14	56338.66	56335.99219	56360.72794	56357.91406	504919.7	5410335.6
L4920.0	504919.7	5410337.3	41126.89844	405.76	0	48.845987	-86.932944	56320.99	56231.9	18.14	56339.13	56336.62500	56354.72702	56352.25000	504919.7	5410337.3
L4920.0	504919.7	5410338.8	41127.00000	405.79	0	48.846000	-86.932944	56322.08	56231.9	18.13	56340.21	56337.86328	56363.96270	56361.82031	504919.7	5410338.8
L4920.0	504919.7	5410340.3	41127.19922	405.63	0	48.846014	-86.932944	56322.44	56231.9	18.12	56340.56	56338.37500	56354.94459	56353.14063	504919.7	5410340.3
L4920.0	504919.7	5410340.3	41127.30078	407.82	0	48.846014	-86.932944	56323.67	56231.9	18.11	56341.78	56339.76172	56367.66101	56366.19141	504919.7	5410340.3
L4920.0	504919.7	5410341.9	41127.39844	407.62	0	48.846029	-86.932944	56324.06	56231.9	18.10	56342.16	56340.30469	56359.37433	56358.23438	504919.7	5410341.9
L4920.0	504919.8	5410343.3	41127.50000	407.57	0	48.846041	-86.932944	56325.38	56231.9	18.10	56343.47	56341.78125	56374.32169	56373.51563	504919.8	5410343.3
L4920.0	504919.8	5410344.8	41127.60156	407.65	0	48.846054	-86.932944	56325.79	56231.9	18.09	56343.87	56342.34766	56366.51648	56366.04297	504919.8	5410344.8
L4920.0	504919.8	5410344.8	41127.69922	407.45	0	48.846054	-86.932944	56326.66	56231.9	18.08	56344.74	56343.38672	56370.44873	56370.30469	504919.8	5410344.8
L4920.0	504919.8	5410346.8	41127.80078	408.12	0	48.846072	-86.932943	56327.16	56231.9	18.07	56345.24	56344.05469	56365.12462	56365.30859	504919.8	5410346.8
L4920.0	504919.8	5410348.6	41127.89844	407.97	0	48.846089	-86.932943	56327.96	56231.9	18.07	56346.02	56345.00391	56366.78956	56367.29688	504919.8	5410348.6
L4920.0	504919.8	5410348.6	41128.00000	406.20	0	48.846089	-86.932943	56328.57	56231.9	18.06	56346.63	56345.78516	56364.19695	56365.03125	504919.8	5410348.6
L4920.0	504919.8	5410350.2	41128.10156	405.67	0	48.846103	-86.932943	56329.43	56231.9	18.05	56347.49	56346.81641	56367.84390	56369.00000	504919.8	5410350.2
L4920.0	504919.8	5410351.7	41128.19922	405.68	0	48.846117	-86.932942	56330.08	56232	18.05	56348.13	56347.62891	56365.98403	56367.46094	504919.8	5410351.7
L4920.0	504919.9	5410352.9	41128.30078	406.32	0	48.846128	-86.932942	56330.68	56232	18.04	56348.73	56348.40234	56363.11625	56364.91016	504919.9	5410352.9
L4920.0	504919.9	5410352.9	41128.39844	405.87	0	48.846128	-86.932942	56331.63	56232	18.04	56349.67	56349.51563	56368.73804	56370.84766	504919.9	5410352.9
L4920.0	504919.9	5410355.2	41128.50000	406.77	0	48.846148	-86.932942	56332.38	56232	18.03	56350.40	56350.42188	56369.10365	56371.52734	504919.9	5410355.2
L4920.0	504919.9	5410355.2	41128.60156	405.11	0	48.846148	-86.932942	56332.93	56232	18.02	56350.95	56351.14844	56364.96315	56367.69922	504919.9	5410355.2
L4920.0	504919.9	5410356.7	41128.69922	404.82	0	48.846161	-86.932941	56333.88	56232	18.02	56351.90	56352.27344	56370.81263	56373.85547	504919.9	5410356.7
L4920.0	504919.9	5410358.3	41128.80078	405.24	0	48.846176	-86.932941	56334.74	56232	18.01	56352.75	56353.29688	56374.15605	56377.50391	504919.9	5410358.3
L4920.0	504919.9	5410358.3	41128.89844	407.02	0	48.846176	-86.932941	56335.77	56232	18.01	56353.77	56354.49609	56381.74179	56385.39063	504919.9	5410358.3
L4920.0	504920.0	5410359.9	41128.89844	407.02	0	48.846190	-86.932941	56336.20	56232	18.01	56354.20	56355.10156	56374.57570	56378.52344	504920.0	5410359.9
L4920.0	504920.0	5410361.6	41129.00000	407.46	0	48.846206	-86.932941	56336.86	56232	18.00	56354.86	56355.93750	56373.15222	56377.39453	504920.0	5410361.6
L4920.0	504920.0	5410363.4	41129.19922	408.88	0	48.846222	-86.932940	56337.98	56232	17.99	56355.97	56357.22656	56382.97013	56387.50391	504920.0	5410363.4
L4920.0	504920.0	5410363.4	41129.30078	411.08	0	48.846222	-86.932940	56338.52	56232	17.99	56356.51	56357.94531	56378.53724	56383.35938	504920.0	5410363.4
L4920.0	504920.0	5410365.2	41129.39844	411.85	0	48.846238	-86.932940	56339.23	56232	17.98	56357.22	56358.83203	56378.34857	56383.45313	504920.0	5410365.2
L4920.0	504920.1	5410367.2	41129.50000	411.72	0	48.846256	-86.932939	56340.28	56232	17.98	56358.26	56360.04688	56386.40339	56391.78906	504920.1	5410367.2
L4920.0	504920.1	5410368.5	41129.60156	412.43	0	48.846268	-86.932939	56340.77	56232	17.98	56358.75	56360.71484	56380.70852	56386.37109	504920.1	5410368.5
L4920.0	504920.1	5410368.5	41129.69922	411.81	0	48.846268	-86.932939	56341.18	56232	17.97	56359.15	56361.29297	56372.76106	56378.69531	504920.1	5410368.5
L4920.0	504920.1	5410370.3	41129.80078	411.28	0	48.846284	-86.932939	56342.22	56232	17.97	56360.19	56362.50781	56380.80616	56387.00781	504920.1	5410370.3
L4920.0	504920.1	5410372.0	41129.89844	411.85	0	48.846299	-86.932939	56342.86	56232	17.96	56360.82	56363.31641	56378.60190	56385.07031	504920.1	5410372.0
L4920.0	504920.1	5410373.2	41130.00000	413.34	0	48.846311	-86.932938	56343.83	56232	17.96	56361.79	56364.46094	56384.89331	56391.62109	504920.1	5410373.2
L4920.0	504920.1	5410373.2	41130.10156	414.16	0	48.846311	-86.932938	56344.32	56232	17.95	56362.27	56365.11719	56378.93689	56385.91797	504920.1	5410373.2
L4920.0	504920.1	5410374.8	41130.19922	413.08	0	48.846325	-86.932938	56345.16	56232.1	17.94	56363.10	56366.12109	56381.72701	56388.95703	504920.1	5410374.8
L4920.0	504920.1	5410376.1	41130.30078	413.02	0	48.846336	-86.932938	56346.10	56232.1	17.94	56364.04	56367.23828	56387.26592	56394.74219	504920.1	5410376.1
L4920.0	504920.2	5410377.8	41130.39844	411.07	0	48.846352	-86.932938	56346.89	56232.1	17.93	56364.82	56368.19141	56388.80605	56396.52344	504920.2	5410377.8

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4920.0	504920.2	5410377.8	41130.50000	411.05	0	48.846352	-86.932938	56347.45	56232.1	17.92	56365.37	56368.91406	56384.59843	56392.55078	504920.2	5410377.8
L4920.0	504920.2	5410379.4	41130.60156	410.01	0	48.846366	-86.932938	56348.27	56232.1	17.91	56366.18	56369.89453	56386.89000	56395.07031	504920.2	5410379.4
L4920.0	504920.2	5410381.7	41130.69922	409.17	0	48.846387	-86.932938	56349.24	56232.1	17.90	56367.14	56371.02734	56392.93208	56401.33984	504920.2	5410381.7
L4920.0	504920.2	5410383.4	41130.80078	408.00	0	48.846402	-86.932938	56349.88	56232.1	17.90	56367.78	56371.83594	56390.97859	56399.60156	504920.2	5410383.4
L4920.0	504920.2	5410383.4	41130.89844	408.77	0	48.846402	-86.932938	56350.56	56232.1	17.89	56368.45	56372.67578	56389.77753	56398.61719	504920.2	5410383.4
L4920.0	504920.2	5410385.2	41130.89844	408.77	0	48.846418	-86.932938	56351.13	56232.1	17.89	56369.02	56373.41406	56386.08037	56395.12891	504920.2	5410385.2
L4920.0	504920.2	5410385.2	41131.10156	406.63	0	48.846418	-86.932938	56352.33	56232.1	17.88	56370.20	56374.76172	56397.63249	56406.88281	504920.2	5410385.2
L4920.0	504920.2	5410386.7	41131.19922	404.51	0	48.846432	-86.932938	56352.94	56232.1	17.87	56370.81	56375.53516	56394.94302	56404.39063	504920.2	5410386.7
L4920.0	504920.2	5410388.2	41131.30078	404.32	0	48.846445	-86.932938	56353.63	56232.1	17.86	56371.50	56376.39063	56394.25779	56403.89453	504920.2	5410388.2
L4920.0	504920.2	5410389.6	41131.39844	403.28	0	48.846458	-86.932937	56354.42	56232.1	17.86	56372.28	56377.33203	56395.82730	56405.64844	504920.2	5410389.6
L4920.0	504920.2	5410391.2	41131.50000	404.74	0	48.846472	-86.932937	56355.16	56232.1	17.85	56373.01	56378.22266	56396.15313	56406.15625	504920.2	5410391.2
L4920.0	504920.2	5410391.2	41131.60156	404.90	0	48.846472	-86.932937	56355.80	56232.2	17.85	56373.65	56379.01953	56394.23618	56404.41406	504920.2	5410391.2
L4920.0	504920.2	5410392.7	41131.69922	406.55	0	48.846485	-86.932937	56356.48	56232.2	17.85	56374.33	56379.85938	56393.32610	56403.67188	504920.2	5410392.7
L4920.0	504920.2	5410394.1	41131.80078	407.61	0	48.846498	-86.932937	56357.51	56232.2	17.84	56375.35	56381.03516	56400.92132	56411.42578	504920.2	5410394.1
L4920.0	504920.2	5410396.0	41131.89844	408.05	0	48.846515	-86.932937	56358.31	56232.2	17.83	56376.14	56381.97656	56402.77660	56413.43750	504920.2	5410396.0
L4920.0	504920.2	5410396.0	41132.00000	407.91	0	48.846515	-86.932937	56358.93	56232.2	17.83	56376.76	56382.75000	56400.39217	56411.19922	504920.2	5410396.0
L4920.0	504920.2	5410398.0	41132.10156	407.79	0	48.846533	-86.932937	56359.81	56232.2	17.83	56377.64	56383.78125	56404.51555	56415.46484	504920.2	5410398.0
L4920.0	504920.2	5410398.0	41132.19922	408.79	0	48.846533	-86.932937	56360.52	56232.2	17.83	56378.35	56384.63672	56404.40055	56415.48828	504920.2	5410398.0
L4920.0	504920.2	5410400.2	41132.30078	408.46	0	48.846553	-86.932937	56361.39	56232.2	17.82	56379.22	56385.65234	56408.29548	56419.51172	504920.2	5410400.2
L4920.0	504920.2	5410401.3	41132.39844	409.24	0	48.846563	-86.932937	56362.23	56232.2	17.82	56380.05	56386.62500	56411.20250	56422.54297	504920.2	5410401.3
L4920.0	504920.2	5410403.3	41132.50000	407.33	0	48.846581	-86.932937	56362.56	56232.2	17.82	56380.38	56387.09766	56401.62570	56413.08203	504920.2	5410403.3
L4920.0	504920.2	5410403.3	41132.60156	408.38	0	48.846581	-86.932937	56363.66	56232.2	17.82	56381.48	56388.33594	56411.30663	56422.87500	504920.2	5410403.3
L4920.0	504920.2	5410405.1	41132.69922	409.43	0	48.846597	-86.932937	56364.53	56232.2	17.82	56382.34	56389.33203	56415.00342	56426.67578	504920.2	5410405.1
L4920.0	504920.2	5410405.1	41132.80078	400.48	0	48.846597	-86.932937	56364.96	56232.2	17.81	56382.78	56389.90625	56408.21821	56419.98828	504920.2	5410405.1
L4920.0	504920.2	5410407.1	41132.89844	401.16	0	48.846615	-86.932937	56365.63	56232.2	17.81	56383.44	56390.69531	56406.94720	56418.80469	504920.2	5410407.1
L4920.0	504920.2	5410408.7	41132.89844	401.16	0	48.846629	-86.932937	56366.54	56232.2	17.81	56384.35	56391.73438	56411.94107	56423.88281	504920.2	5410408.7
L4920.0	504920.2	5410410.1	41133.00000	406.68	0	48.846642	-86.932937	56367.31	56232.2	17.81	56385.12	56392.62891	56413.45358	56425.47656	504920.2	5410410.1
L4920.0	504920.2	5410410.1	41133.19922	406.56	0	48.846642	-86.932937	56367.82	56232.2	17.80	56385.62	56393.25391	56408.23662	56420.32813	504920.2	5410410.1
L4920.0	504920.2	5410411.9	41133.30078	407.49	0	48.846658	-86.932937	56368.51	56232.2	17.79	56386.30	56394.05078	56407.53794	56419.69531	504920.2	5410411.9
L4920.0	504920.2	5410413.8	41133.39844	406.93	0	48.846676	-86.932937	56369.50	56232.2	17.79	56387.29	56395.16016	56414.60763	56426.82422	504920.2	5410413.8
L4920.0	504920.2	5410413.8	41133.50000	404.63	0	48.846676	-86.932937	56370.22	56232.2	17.78	56388.00	56395.98438	56414.70107	56426.96875	504920.2	5410413.8
L4920.0	504920.2	5410415.6	41133.60156	402.82	0	48.846692	-86.932937	56370.73	56232.2	17.77	56388.50	56396.59375	56409.56888	56421.88281	504920.2	5410415.6
L4920.0	504920.2	5410417.0	41133.69922	403.00	0	48.846704	-86.932937	56371.70	56232.2	17.77	56389.47	56397.67188	56416.20730	56428.55859	504920.2	5410417.0
L4920.0	504920.2	5410417.0	41133.80078	405.12	0	48.846704	-86.932937	56372.41	56232.2	17.76	56390.18	56398.48828	56416.37287	56428.75391	504920.2	5410417.0
L4920.0	504920.2	5410418.5	41133.89844	405.69	0	48.846718	-86.932937	56373.38	56232.2	17.76	56391.14	56399.54688	56422.81317	56435.22266	504920.2	5410418.5
L4920.0	504920.1	5410420.1	41134.00000	405.19	0	48.846732	-86.932938	56373.77	56232.3	17.75	56391.52	56400.02734	56414.78555	56427.21484	504920.1	5410420.1
L4920.0	504920.1	5410421.4	41134.10156	406.32	0	48.846744	-86.932938	56374.64	56232.3	17.75	56392.38	56400.98047	56418.78373	56431.22656	504920.1	5410421.4
L4920.0	504920.1	5410421.4	41134.19922	406.30	0	48.846744	-86.932938	56375.63	56232.3	17.74	56393.37	56402.06250	56426.06169	56438.51172	504920.1	5410421.4
L4920.0	504920.1	5410423.2	41134.30078	405.93	0	48.846760	-86.932938	56376.06	56232.3	17.74	56393.79	56402.57031	56419.12604	56431.57422	504920.1	5410423.2
L4920.0	504920.1	5410424.6	41134.39844	406.69	0	48.846773	-86.932938	56376.88	56232.3	17.73	56394.61	56403.47266	56422.22131	56434.66406	504920.1	5410424.6
L4920.0	504920.1	5410424.6	41134.50000	407.99	0	48.846773	-86.932938	56377.75	56232.3	17.72	56395.47	56404.41406	56426.35176	56438.78125	504920.1	5410424.6
L4920.0	504920.1	5410426.4	41134.60156	408.04	0	48.846788	-86.932938	56378.28	56232.3	17.72	56396.00	56405.02344	56422.27180	56434.68359	504920.1	5410426.4
L4920.0	504920.1	5410428.4	41134.69922	408.64	0	48.846807	-86.932939	56379.22	56232.3	17.71	56396.94	56406.03516	56428.47782	56440.86719	504920.1	5410428.4
L4920.0	504920.1	5410428.4	41134.80078	408.34	0	48.846807	-86.932939	56379.69	56232.3	17.71	56397.40	56406.56641	56422.72815	56435.08984	504920.1	5410428.4
L4920.0	504920.1	5410430.0	41134.89844	407.90	0	48.846821	-86.932939	56380.68	56232.3	17.70	56398.38	56407.61328	56430.01744	56442.33984	504920.1	5410430.0
L4920.0	504920.1	5410430.0	41134.89844	407.90	0	48.846821	-86.932939	56381.14	56232.3	17.70	56398.85	56408.14453	56424.60519	56436.88672	504920.1	5410430.0
L4920.0	504920.1	5410432.2	41135.00000	408.04	0	48.846841	-86.932939	56381.90	56232.3	17.70	56399.60	56408.95313	56426.23773	56438.47266	504920.1	5410432.2
L4920.0	504920.1	5410433.8	41135.19922	410.27	0	48.846855	-86.932939	56382.68	56232.3	17.69	56400.37	56409.77734	56428.41910	56440.60156	504920.1	5410433.8
L4920.0	504920.1	5410435.5	41135.30078	411.11	0	48.846870	-86.932938	56383.08	56232.3	17.68	56400.76	56410.21875	56421.15444	56433.28125	504920.1	5410435.5
L4920.0	504920.1	5410435.5	41135.39844	409.50	0	48.846870	-86.932938	56384.13	56232.3	17.68	56401.81	56411.31641	56430.43851	56442.50000	504920.1	5410435.5
L4920.0	504920.1	5410437.0	41135.50000	408.93	0	48.846884	-86.932938	56384.86	56232.3	17.67	56402.54	56412.08984	56431.78084	56443.77344	504920.1	5410437.0
L4920.0	504920.1	5410438.5	41135.60156	409.29	0	48.846897	-86.932938	56385.58	56232.3	17.67	56403.25	56412.83594	56432.68170	56444.60156	504920.1	5410438.5
L4920.0	504920.1	5410439.9	41135.69922	407.34	0	48.846910	-86.932938	56386.63	56232.3	17.67	56404.29	56413.91016	56441.89114	56453.73047	504920.1	5410439.9
L4920.0	504920.1	5410441.6	41135.80078	407.31	0	48.846926	-86.932938	56387.16	56232.3	17.66	56404.82	56414.47266	56438.41788	56450.17578	504920.1	5410441.6
L4920.0	504920.1	5410441.6	41135.89844	407.92	0	48.846926	-86.932938	56388.11	56232.3	17.65	56405.76	56415.43750	56445.25798	56456.92578	504920.1	5410441.6
L4920.0	504920.1	5410443.6	41136.00000	409.19	0	48.846944	-86.932938	56388.70	56232.3	17.65	56406.35	56416.05078	56443.41978	56454.99219	504920.1	5410443.6
L4920.0	504920.1	5410445.2	41136.10156	407.13	0	48.846957	-86.932938	56389.74	56232.3	17.65	56407.39	56417.10938	56452.90037	56464.37500	504920.1	5410445.2
L4920.0	504920.1	5410445.2	41136.19922	407.99	0	48.846957	-86.932938	56390.18	56232.3	17.65	56407.83	56417.56250	56447.46035	56458.83203	504920.1	5410445.2
L4920.0	504920.1	5410447.3	41136.30078	407.01	0	48.846977	-86.932938	56390.89	56232.3	17.65	56408.54	56418.28516	56448.84648	56460.10938	504920.1	5410447.3
L4920.0	504920.1	5410449.0	41136.39844	406.50	0	48.846992	-86.932938	56391.66	56232.3	17.65	56409.31	56419.05859	56451.81343	56462.96484	504920.1	5410449.0
L4920.0	504920.1	5410449.0	41136.50000	407.27	0	48.846992	-86.932938	56392.16	56232.3	17.65	56409.81	56419.55859	56448.11685	56459.15234	504920.1	5410449.0
L4920.0	504920.1	5410450.8	41136.60156	408.06	0	48.847008	-86.932938	56392.75	56232.3	17.65	56410.40	56420.14844	56446.75745	56457.67188	504920.1	5410450.8
L4920.0	504920.1	5410450.8	41136.69922	409.96	0	48.847008	-86.932938	56393.46	56232.3	17.65	56411.11	56420.85156	56448.48840	56459.28125	504920.1	5410450.8
L4920.0	504920.0	5410452.1	41136.80078	408.81	0	48.847020	-86.932939	56394.20	56232.3	17.65	56411.85	56421.57813	56451.06384	56461.72656	504920.0	5410452.1
L4920.0	504920.0	5410453.9	41136.89844	405.83	0	48.847036	-86.932939	56395.00	56232.3	17.65	56412.65	56422.36328	56455.23714	56465.76953	504920.0	5410453.9
L4920.0	504920.0	5410455.6	41136.89844	405.83	0	48.847051	-86.932939	56395.33	56232.3	17.65	56412.98	56422.67188	56447.76577	56458.16406	504920.0	5410455.6
L4920.0	504920.0	5410455.6	41137.00000	405.15	0	48.847051	-86.932939	56396.10	56232.3	17.65	56413.75	56423.41797	56451.39685	56461.65625	504920.0	5410455.6
L4920.0	504920.0	5410457.4	41137.19922	406.52	0	48.847067	-86.932939	56396.73	56232.3	17.66	56414.39	56424.02734	56451.88832	56462.00391	504920.0	5410457.4
L4920.0	504920.0	5410458.9	41137.30078	406.13	0	48.847081	-86.932940	56397.17	56232.3	17.66	56414.83	56424.43750	56447.49454	56457.46484	504920.0	5410458.9
L4920.0	504920.0	5410458.9	41137.39844	405.90	0	48.847081	-86.932940	56397.98	56232.3	17.67	56415.65	56425.21875	56452.71525	56462.53906	504920.0	5410458.9
L4920.0	504919.9	5410461.2	41137.50000	406.93	0	48.847102	-86.932940	56398.62	56232.3	17.67	56416.29	56425.81641	56453.55851	56463.23047	504919.9	5410461.2
L4920.0	504919.9	5410461.2	41137.60156	406.50	0	48.847102	-86.932940	56399.14	56232.3	17.67	56416.81	56426.28906	56451.52796	56461.04688	504919.9	5410461.2
L4920.0	504919.9	5410463.8	41137.69922	404.89	0	48.847125	-86.932940	56399.85	56232.3	17.68	56417.53	56426.96094	56454.62539	56463.98828	504919.9	5410463.8
L4920.0	504919.9	5410464.8	41137.80078	405.36	0	48.847134	-86.932940	56400.71	56232.3	17.68	56418.40	56427.77344	56461.60536	56470.80859	504919.9	5410464.8
L4920.0	504919.9	5410466.6	41137.89844	406.03	0	48.847151	-86.932940	56400.99	56232.3	17.69	56418.68	56427.99609	56453.97747	56463.01953	504919.9	5410466.6
L4920.0	504919.9	5410467.8	41138.00000	406.30	0	48.847161	-86.932940	56401.71	56232.3	17.69	56419.40	56428.65234	56457.48853	56466.36719	504919.9	5410467.8
L4920.0	504919.9	5410469.1	41138.10156	405.96	0	48.847173	-86.932940	56402.58	56232.3	17.69	56420.27	56429.45313	56464.89499	56473.60938	504919.9	5410469.1
L4920.0	504919.9	5410469.1	41138.19922	406.33	0	48.847173	-86.932940	56403.02	56232.3	17.70	56420.71	56429.82031	56461.70542	56470.25391	504919.9	5410469.1
L4920.0	504919.9	5410470.9	41138.30078	406.13	0	48.847189	-86.932940	56403.52	56232.3	17.70	56421.22	56430.25391	56460.42060	56468.80078	504919.9	5410470.9
L4920.0	504919.9	5410470.9	41138.39844	408.58	0	48.847189	-86.932940	56404.18	56232.3	17.70	56421.89	56430.84375	56463.29433	56471.50391	504919.9	5410470.9
L4920.0	504919.9	5410472.8	41138.50000	408.00	0	48.847206	-86.932940	56404.95	56232.3	17.71	56422.66	56431.52734	56468.83150	56476.86719	504919.9	5410472.8
L4920.0	504919.9	5410474.5	41138.60156	407.10	0	48.847222	-86.932940	56405.44	56232.3	17.71	56423.15	56431.92969	56467.53936	56475.40234	504919.9	5410474.5
L4920.0	504919.9	5410476.0	41138.69922	405.61	0	48.847235	-86.932940	56405.82	56232.3	17.71	56423.53	56432.21484	56463.67118	56471.35938	504919.9	5410476.0
L4920.0	504919.9	5410476.0	41138.80078	406.36	0	48.847235	-86.932940	56406.79	56232.3	17.71	56424.50	56433.08594	56474.72638	56482.23828	504919.9	5410476.0
L4920.0	504919.9	5410477.3	41138.89844	406.77	0	48.847247	-86.932940	56407.32	56232.3	17.72	56425.04	56433.52344	56475.21691	56482.55469	504919.9	5410477.3
L4920.0	504919.9	5410479.1	41138.89844	406.77	0	48.847262	-86.932940	56408.02	56232.3	17.72	56425.73	56434.10547	56479.64304	56486.80078	504919.9	5410479.1
L4920.0	504919.9	5410480.5	41139.10156	405.07	0	48.847275	-86.932940	56408.47	56232.3	17.72	56426.20	56434.46484	56478.76199	56485.74609	504919.9	5410480.5
L4920.0	504919.9	5410480.5	41139.19922	407.79	0	48.847275	-86.932940	56408.66	56232.3	17.73	56426.38	56434.53125	56470.82874	56477.63281	504919.9	5410480.5
L4920.0	504919.9	5410482.3	41139.30078	407.77	0	48.847291	-86.932940	56409.62	56232.3	17.73	56427.35	56435.38281	56482.83992	56489.46484	504919.9	5410482.3
L4920.0	504919.9	5410484.1	41139.39844	408.98	0	48.847307	-86.932940	56409.70	56232.3	17.74	56427.44	56435.34766	56473.06210	56479.50781	504919.9	5410484.1
L4920.0	504919.9	5410484.1	41139.50000	409.85	0	48.847307	-86.932940	56410.26	56232.3	17.74	56428.00	56435.78125	56475.23988	56481.50781	504919.9	5410484.1
L4920.0	504919.9	5410485.6	41139.60156	407.25	0	48.847321	-86.932940	56410.74	56232.3	17.74	56428.49	56436.14063	56475.88154	56481.96875	504919.9	5410485.6
L4920.0	504919.9	5410486.9	41139.69922	408.22	0	48.847333	-86.932940	56411.11	56232.3	17.75	56428.85	56436.36328	56473.49183	56479.40234	504919.9	5410486.9

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4920.0	504919.9	5410486.9	41139.80078	405.28	0	48.847333	-86.932940	56411.79	56232.2	17.75	56429.54	56436.91406	56479.57166	56485.30078	504919.9	5410486.9
L4920.0	504919.9	5410488.8	41139.89844	406.06	0	48.847350	-86.932940	56412.18	56232.2	17.76	56429.93	56437.16016	56478.37980	56483.93359	504919.9	5410488.8
L4920.0	504919.9	5410490.6	41140.00000	410.19	0	48.847366	-86.932940	56412.61	56232.2	17.76	56430.37	56437.45313	56478.66781	56484.04297	504919.9	5410490.6
L4920.0	504919.9	5410490.6	41140.10156	410.39	0	48.847366	-86.932940	56413.38	56232.2	17.76	56431.14	56438.07031	56487.43771	56492.63672	504919.9	5410490.6
L4920.0	504919.9	5410492.6	41140.19922	410.16	0	48.847384	-86.932940	56413.40	56232.2	17.77	56431.16	56437.93750	56477.70129	56482.72266	504919.9	5410492.6
L4920.0	504919.9	5410494.3	41140.30078	410.04	0	48.847400	-86.932940	56414.14	56232.2	17.77	56431.91	56438.52734	56486.45164	56491.29688	504919.9	5410494.3
L4920.0	504919.9	5410496.1	41140.39844	408.08	0	48.847416	-86.932939	56414.39	56232.2	17.77	56432.17	56438.62500	56483.20139	56487.87109	504919.9	5410496.1
L4920.0	504919.9	5410496.1	41140.50000	410.47	0	48.847416	-86.932939	56415.01	56232.2	17.78	56432.78	56439.06641	56488.94805	56493.44531	504919.9	5410496.1
L4920.0	504919.9	5410498.2	41140.60156	409.87	0	48.847435	-86.932939	56415.04	56232.2	17.78	56432.81	56438.92578	56480.45192	56484.77734	504919.9	5410498.2
L4920.0	504920.0	5410499.6	41140.69922	408.33	0	48.847447	-86.932939	56415.70	56232.2	17.78	56433.48	56439.42188	56488.20752	56492.36328	504920.0	5410499.6
L4920.0	504920.0	5410499.6	41140.80078	407.81	0	48.847447	-86.932939	56416.03	56232.2	17.78	56433.81	56439.57422	56487.72522	56491.71094	504920.0	5410499.6
L4920.0	504920.0	5410501.3	41140.89844	406.23	0	48.847462	-86.932939	56416.44	56232.2	17.79	56434.23	56439.81250	56489.75503	56493.57031	504920.0	5410501.3
L4920.0	504920.0	5410502.7	41140.89844	406.23	0	48.847475	-86.932939	56416.89	56232.2	17.79	56434.68	56440.07813	56492.80033	56496.44922	504920.0	5410502.7
L4920.0	504920.0	5410503.8	41141.00000	405.37	0	48.847485	-86.932939	56417.02	56232.2	17.79	56434.81	56440.01953	56488.11648	56491.60156	504920.0	5410503.8
L4920.0	504920.0	5410505.5	41141.19922	404.98	0	48.847500	-86.932939	56417.71	56232.2	17.80	56435.51	56440.52734	56497.94966	56501.27344	504920.0	5410505.5
L4920.0	504920.0	5410505.5	41141.30078	405.97	0	48.847500	-86.932939	56417.76	56232.2	17.80	56435.56	56440.38281	56491.81120	56494.97266	504920.0	5410505.5
L4920.0	504920.0	5410507.7	41141.39844	407.64	0	48.847520	-86.932938	56418.35	56232.2	17.81	56436.15	56440.77734	56499.44474	56502.44531	504920.0	5410507.7
L4920.0	504920.0	5410507.7	41141.50000	406.89	0	48.847520	-86.932938	56418.25	56232.2	17.81	56436.06	56440.48438	56490.36126	56493.20313	504920.0	5410507.7
L4920.0	504920.1	5410509.3	41141.60156	408.80	0	48.847534	-86.932938	56418.78	56232.2	17.81	56436.60	56440.82031	56497.30314	56499.99219	504920.1	5410509.3
L4920.0	504920.1	5410511.1	41141.69922	406.65	0	48.847551	-86.932937	56418.88	56232.2	17.82	56436.70	56440.71094	56493.52987	56496.06641	504920.1	5410511.1
L4920.0	504920.1	5410512.3	41141.80078	408.69	0	48.847561	-86.932937	56419.24	56232.2	17.82	56437.06	56440.85938	56496.53787	56498.92188	504920.1	5410512.3
L4920.0	504920.1	5410512.3	41141.89844	408.87	0	48.847561	-86.932937	56419.63	56232.2	17.83	56437.46	56441.04688	56500.83003	56503.06641	504920.1	5410512.3
L4920.0	504920.2	5410513.6	41142.00000	407.18	0	48.847573	-86.932936	56419.68	56232.2	17.83	56437.51	56440.87891	56496.66024	56498.75000	504920.2	5410513.6
L4920.0	504920.2	5410515.3	41142.10156	406.58	0	48.847588	-86.932936	56419.98	56232.2	17.84	56437.82	56440.96875	56499.27492	56501.22266	504920.2	5410515.3
L4920.0	504920.2	5410516.6	41142.19922	405.93	0	48.847600	-86.932936	56420.29	56232.2	17.85	56438.13	56441.05469	56502.17658	56503.98047	504920.2	5410516.6
L4920.0	504920.2	5410516.6	41142.30078	407.20	0	48.847600	-86.932936	56420.08	56232.1	17.85	56437.94	56440.64063	56492.86922	56494.53516	504920.2	5410516.6
L4920.0	504920.2	5410518.4	41142.39844	407.70	0	48.847616	-86.932935	56420.68	56232.1	17.86	56438.54	56441.01172	56503.59362	56505.12109	504920.2	5410518.4
L4920.0	504920.3	5410520.0	41142.50000	407.91	0	48.847630	-86.932935	56420.59	56232.1	17.87	56438.46	56440.70313	56497.61034	56499.00391	504920.3	5410520.0
L4920.0	504920.3	5410520.0	41142.60156	409.13	0	48.847630	-86.932935	56420.95	56232.1	17.88	56438.83	56440.83984	56503.16082	56504.42578	504920.3	5410520.0
L4920.0	504920.3	5410521.5	41142.69922	408.39	0	48.847645	-86.932934	56421.11	56232.1	17.89	56439.00	56440.77344	56503.99917	56505.13672	504920.3	5410521.5
L4920.0	504920.3	5410522.9	41142.80078	408.70	0	48.847657	-86.932934	56420.82	56232.1	17.89	56438.72	56440.25391	56493.87633	56494.88672	504920.3	5410522.9
L4920.0	504920.3	5410524.6	41142.89844	409.71	0	48.847672	-86.932934	56421.34	56232.1	17.90	56439.24	56440.53125	56504.03210	56504.92188	504920.3	5410524.6
L4920.0	504920.3	5410524.6	41142.89844	409.71	0	48.847672	-86.932934	56421.14	56232.1	17.90	56439.04	56440.08984	56496.47612	56497.24609	504920.3	5410524.6
L4920.0	504920.4	5410527.5	41143.00000	409.96	0	48.847698	-86.932933	56421.46	56232.1	17.91	56439.37	56440.17578	56502.44766	56503.10156	504920.4	5410527.5
L4920.0	504920.4	5410527.5	41143.19922	406.69	0	48.847698	-86.932933	56421.46	56232.1	17.92	56439.38	56439.93750	56500.70096	56501.23828	504920.4	5410527.5
L4920.0	504920.4	5410529.7	41143.30078	405.73	0	48.847718	-86.932933	56421.52	56232.1	17.93	56439.44	56439.75000	56500.48114	56500.91016	504920.4	5410529.7
L4920.0	504920.4	5410529.7	41143.39844	404.59	0	48.847718	-86.932933	56421.34	56232.1	17.93	56439.27	56439.32813	56494.78776	56495.10547	504920.4	5410529.7
L4920.0	504920.4	5410531.2	41143.50000	405.39	0	48.847731	-86.932933	56421.48	56232.1	17.94	56439.42	56439.22266	56497.36408	56497.57813	504920.4	5410531.2
L4920.0	504920.4	5410532.9	41143.60156	408.20	0	48.847747	-86.932932	56421.23	56232.1	17.95	56439.18	56438.73047	56490.46226	56490.57422	504920.4	5410532.9
L4920.0	504920.4	5410534.8	41143.69922	408.01	0	48.847764	-86.932932	56421.62	56232	17.95	56439.57	56438.86328	56499.57159	56499.58594	504920.4	5410534.8
L4920.0	504920.4	5410534.8	41143.80078	408.95	0	48.847764	-86.932932	56421.59	56232	17.96	56439.55	56438.58594	56498.69608	56498.61328	504920.4	5410534.8
L4920.0	504920.4	5410536.1	41143.89844	407.71	0	48.847775	-86.932932	56421.57	56232	17.96	56439.53	56438.30469	56498.07891	56497.90234	504920.4	5410536.1
L4920.0	504920.4	5410537.9	41144.00000	406.96	0	48.847791	-86.932932	56421.18	56232	17.97	56439.15	56437.66406	56488.71861	56488.44922	504920.4	5410537.9
L4920.0	504920.4	5410539.2	41144.10156	408.16	0	48.847803	-86.932932	56421.59	56232	17.98	56439.57	56437.82031	56499.60237	56499.24609	504920.4	5410539.2
L4920.0	504920.4	5410539.2	41144.19922	410.20	0	48.847803	-86.932932	56421.06	56232	17.99	56439.04	56437.02734	56486.98828	56486.55078	504920.4	5410539.2
L4920.0	504920.4	5410540.6	41144.30078	409.00	0	48.847816	-86.932932	56421.13	56232	18.00	56439.13	56436.85156	56490.11005	56489.58984	504920.4	5410540.6
L4920.0	504920.4	5410541.9	41144.39844	407.71	0	48.847828	-86.932932	56420.90	56232	18.01	56438.91	56436.36719	56485.71925	56485.12109	504920.4	5410541.9
L4920.0	504920.4	5410543.4	41144.50000	406.14	0	48.847841	-86.932932	56420.93	56232	18.01	56438.94	56436.12891	56487.80643	56487.13281	504920.4	5410543.4
L4920.0	504920.4	5410543.4	41144.60156	407.14	0	48.847841	-86.932932	56420.93	56232	18.02	56438.95	56435.87109	56489.61786	56488.87109	504920.4	5410543.4
L4920.0	504920.4	5410544.8	41144.69922	406.44	0	48.847854	-86.932932	56420.65	56232	18.03	56438.68	56435.33203	56484.64952	56483.83594	504920.4	5410544.8
L4920.0	504920.4	5410546.7	41144.80078	405.68	0	48.847870	-86.932932	56420.44	56232	18.04	56438.48	56434.86328	56481.64270	56480.76172	504920.4	5410546.7
L4920.0	504920.4	5410548.3	41144.89844	404.33	0	48.847885	-86.932932	56420.39	56231.9	18.05	56438.45	56434.56250	56483.09029	56482.14453	504920.4	5410548.3
L4920.0	504920.4	5410548.3	41144.89844	404.33	0	48.847885	-86.932932	56420.59	56231.9	18.05	56438.64	56434.48438	56490.23529	56489.23047	504920.4	5410548.3
L4920.0	504920.4	5410549.9	41145.10156	402.24	0	48.847899	-86.932932	56420.06	56231.9	18.07	56438.13	56433.70313	56480.07751	56479.01563	504920.4	5410549.9
L4920.0	504920.4	5410551.7	41145.19922	403.64	0	48.847916	-86.932932	56419.96	56231.9	18.08	56438.03	56433.33203	56480.35180	56479.23438	504920.4	5410551.7
L4920.0	504920.4	5410553.2	41145.30078	402.30	0	48.847929	-86.932932	56420.08	56231.9	18.08	56438.17	56433.19922	56486.80211	56485.63281	504920.4	5410553.2
L4920.0	504920.4	5410553.2	41145.39844	402.40	0	48.847929	-86.932932	56419.45	56231.9	18.09	56437.54	56432.29688	56474.17826	56472.96094	504920.4	5410553.2
L4920.0	504920.5	5410555.0	41145.50000	404.02	0	48.847946	-86.932932	56419.35	56231.9	18.10	56437.45	56431.93750	56475.21303	56473.94922	504920.5	5410555.0
L4920.0	504920.5	5410556.8	41145.60156	406.65	0	48.847961	-86.932931	56419.14	56231.9	18.11	56437.25	56431.46484	56473.65323	56472.34766	504920.5	5410556.8
L4920.0	504920.5	5410556.8	41145.69922	408.24	0	48.847961	-86.932931	56419.09	56231.9	18.12	56437.20	56431.14453	56475.98889	56474.64063	504920.5	5410556.8
L4920.0	504920.5	5410558.3	41145.80078	409.27	0	48.847975	-86.932931	56418.48	56231.9	18.12	56436.60	56430.27344	56464.71681	56463.33203	504920.5	5410558.3
L4920.0	504920.5	5410560.2	41145.89844	408.00	0	48.847992	-86.932931	56418.58	56231.9	18.13	56436.71	56430.10938	56471.31942	56469.89844	504920.5	5410560.2
L4920.0	504920.5	5410561.8	41146.00000	405.07	0	48.848007	-86.932931	56418.35	56231.9	18.14	56436.49	56429.62109	56469.79565	56468.34375	504920.5	5410561.8
L4920.0	504920.5	5410561.8	41146.10156	405.75	0	48.848007	-86.932931	56418.18	56231.9	18.15	56436.32	56429.17969	56469.63400	56468.15234	504920.5	5410561.8
L4920.0	504920.5	5410563.1	41146.19922	405.25	0	48.848018	-86.932931	56417.71	56231.8	18.16	56435.87	56428.46094	56462.57797	56461.07031	504920.5	5410563.1
L4920.0	504920.5	5410564.6	41146.30078	404.12	0	48.848032	-86.932932	56417.36	56231.8	18.17	56435.52	56427.84375	56458.11575	56456.58203	504920.5	5410564.6
L4920.0	504920.4	5410566.0	41146.39844	408.06	0	48.848045	-86.932932	56417.18	56231.8	18.18	56435.36	56427.41406	56458.48754	56456.93359	504920.4	5410566.0
L4920.0	504920.4	5410566.0	41146.50000	410.14	0	48.848045	-86.932932	56416.95	56231.8	18.18	56435.13	56426.91797	56457.18594	56455.61328	504920.4	5410566.0
L4920.0	504920.4	5410567.3	41146.60156	411.14	0	48.848056	-86.932932	56416.41	56231.8	18.19	56434.60	56426.12500	56448.45324	56446.86328	504920.4	5410567.3
L4920.0	504920.4	5410569.1	41146.69922	410.88	0	48.848072	-86.932932	56416.34	56231.8	18.20	56434.54	56425.80078	56451.52436	56449.92188	504920.4	5410569.1
L4920.0	504920.4	5410571.1	41146.80078	408.09	0	48.848090	-86.932932	56416.11	56231.8	18.21	56434.32	56425.31641	56450.64430	56449.03125	504920.4	5410571.1
L4920.0	504920.4	5410571.1	41146.89844	406.50	0	48.848090	-86.932932	56415.90	56231.8	18.22	56434.12	56424.85547	56450.30211	56448.67969	504920.4	5410571.1
L4920.0	504920.4	5410572.8	41146.89844	406.50	0	48.848106	-86.932932	56415.70	56231.8	18.22	56433.92	56424.39453	56449.98819	56448.35547	504920.4	5410572.8
L4920.0	504920.4	5410574.3	41147.00000	405.51	0	48.848119	-86.932932	56415.32	56231.8	18.23	56433.55	56423.76563	56445.44400	56443.80859	504920.4	5410574.3
L4920.0	504920.4	5410574.3	41147.19922	405.98	0	48.848119	-86.932932	56414.83	56231.8	18.24	56433.07	56423.03125	56438.15928	56436.52344	504920.4	5410574.3
L4920.0	504920.4	5410576.2	41147.30078	405.37	0	48.848136	-86.932932	56414.70	56231.8	18.25	56432.94	56422.64453	56439.62080	56437.98438	504920.4	5410576.2
L4920.0	504920.4	5410577.8	41147.39844	403.69	0	48.848151	-86.932932	56414.12	56231.8	18.25	56432.37	56421.82031	56430.07440	56428.44141	504920.4	5410577.8
L4920.0	504920.4	5410579.3	41147.50000	405.70	0	48.848164	-86.932933	56414.09	56231.7	18.25	56432.34	56421.53906	56434.00301	56432.37109	504920.4	5410579.3
L4920.0	504920.4	5410579.3	41147.60156	405.11	0	48.848164	-86.932933	56414.06	56231.7	18.26	56432.32	56421.26953	56438.15056	56436.52734	504920.4	5410579.3
L4920.0	504920.3	5410581.6	41147.69922	403.63	0	48.848185	-86.932933	56413.63	56231.7	18.26	56431.89	56420.59375	56432.01013	56430.39844	504920.3	5410581.6
L4920.0	504920.3	5410581.6	41147.80078	403.71	0	48.848185	-86.932933	56413.66	56231.7	18.27	56431.93	56420.39063	56437.56539	56435.96094	504920.3	5410581.6
L4920.0	504920.3	5410583.3	41147.89844	403.18	0	48.848200	-86.932933	56413.27	56231.7	18.28	56431.55	56419.76563	56432.56287	56430.97266	504920.3	5410583.3
L4920.0	504920.3	5410584.6	41148.00000	405.07	0	48.848212	-86.932933	56413.02	56231.7	18.28	56431.30	56419.27734	56430.73866	56429.16406	504920.3	5410584.6
L4920.0	504920.3	5410586.7	41148.10156	404.98	0	48.848231	-86.932933	56412.51	56231.7	18.29	56430.79	56418.53125	56422.33573	56420.77734	504920.3	5410586.7
L4920.0	504920.3	5410588.4	41148.19922	406.23	0	48.848246	-86.932933	56412.10	56231.7	18.29	56430.39	56417.89453	56416.59153	56415.05078	504920.3	5410588.4
L4920.0	504920.3	5410588.4	41148.30078	407.43	0	48.848246	-86.932933	56412.25	56231.7	18.30	56430.55	56417.82422	56424.74301	56423.22266	504920.3	5410588.4
L4920.0	504920.3	5410590.1	41148.39844	407.84	0	48.848262	-86.932933	56412.15	56231.7	18.30	56430.45	56417.49219	56426.28638	56424.78906	504920.3	5410590.1
L4920.0	504920.3	5410591.8	41148.50000	408.51	0	48.848276	-86.932933	56412.15	56231.7	18.31	56430.46	56417.27734	56430.45927	56428.98438	504920.3	5410591.8
L4920.0	504920.3	5410591.8	41148.60156	409.72	0	48.848276	-86.932933	56411.59	56231.7	18.32	56429.90	56416.49609	56420.25701	56418.80859	504920.3	5410591.8
L4920.0	504920.3	5410593.6	41148.69922	411.81	0	48.848293	-86.932933	56411.31	56231.7	18.32	56429.63	56416.00391	56417.16383	56415.74609	504920.3	5410593.6
L4920.0	504920.3	5410595.0	41148.80078	410.17	0	48.848305	-86.932933	56411.16	56231.7	18.33	56429.48	56415.63672	56416.92151	56415.53125	504920.3	5410595.0
L4920.0	504920.3	5410595.0	41148.89844	409.31	0	48.848305	-86.932933	56411.03	56231.7	18.33	56429.36	56415.30469	56417.27134	56415.91016	504920.3	5410595.0
L4920.0	504920.3	5410596.7	41148.89844	409.31	0	48.848321	-86.932933	56411.03	56231.7	18.33	56429.36	56415.09375	56420.45341	56419.12500	504920.3	5410596.7

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4920.0	504920.3	5410598.0	41149.00000	408.58	0	48.848332	-86.932933	56410.54	56231.7	18.34	56428.88	56414.40625	56411.46292	56410.16797	504920.3	5410598.0
L4920.0	504920.3	5410598.0	41149.19922	406.14	0	48.848332	-86.932933	56410.44	56231.6	18.35	56428.79	56414.11328	56412.03450	56410.77734	504920.3	5410598.0
L4920.0	504920.3	5410599.2	41149.30078	406.54	0	48.848343	-86.932933	56409.93	56231.6	18.36	56428.29	56413.41406	56402.16502	56400.94531	504920.3	5410599.2
L4920.0	504920.3	5410600.7	41149.39844	409.55	0	48.848357	-86.932933	56409.95	56231.6	18.37	56428.32	56413.24609	56405.33884	56404.15625	504920.3	5410600.7
L4920.0	504920.3	5410602.2	41149.39844	409.55	0	48.848370	-86.932933	56410.08	56231.6	18.37	56428.45	56413.18359	56410.80038	56409.65625	504920.3	5410602.2
L4920.0	504920.3	5410602.2	41149.60156	408.08	0	48.848370	-86.932933	56409.95	56231.6	18.38	56428.33	56412.87500	56409.79363	56408.69141	504920.3	5410602.2
L4920.0	504920.3	5410603.5	41149.69922	408.08	0	48.848382	-86.932933	56410.00	56231.6	18.39	56428.39	56412.75000	56413.05704	56411.99609	504920.3	5410603.5
L4920.0	504920.3	5410605.3	41149.80078	409.42	0	48.848398	-86.932933	56410.01	56231.6	18.40	56428.40	56412.58203	56414.83399	56413.81641	504920.3	5410605.3
L4920.0	504920.3	5410605.3	41149.89844	409.42	0	48.848398	-86.932933	56409.88	56231.6	18.40	56428.28	56412.28516	56413.11691	56412.14453	504920.3	5410605.3
L4920.0	504920.4	5410607.1	41150.00000	409.08	0	48.848414	-86.932932	56409.57	56231.6	18.41	56427.98	56411.81250	56406.64817	56405.72266	504920.4	5410607.1
L4920.0	504920.4	5410608.5	41150.10156	409.08	0	48.848427	-86.932932	56409.44	56231.6	18.42	56427.86	56411.52344	56404.41730	56403.53906	504920.4	5410608.5
L4920.0	504920.4	5410610.2	41150.19922	409.34	0	48.848442	-86.932932	56409.57	56231.6	18.42	56427.99	56411.48828	56408.16609	56407.33594	504920.4	5410610.2
L4920.0	504920.4	5410610.2	41150.30078	409.34	0	48.848442	-86.932932	56409.60	56231.6	18.43	56428.03	56411.36719	56409.38948	56408.60938	504920.4	5410610.2
L4920.0	504920.4	5410611.7	41150.39844	407.68	0	48.848456	-86.932932	56409.19	56231.6	18.44	56427.63	56410.81250	56399.33263	56398.60156	504920.4	5410611.7
L4920.0	504920.4	5410613.2	41150.50000	406.54	0	48.848469	-86.932932	56409.14	56231.6	18.45	56427.59	56410.62109	56397.98251	56397.30469	504920.4	5410613.2
L4920.0	504920.4	5410614.5	41150.60156	406.86	0	48.848481	-86.932932	56408.70	56231.5	18.45	56427.16	56410.04297	56386.58753	56385.96484	504920.4	5410614.5
L4920.0	504920.4	5410614.5	41150.69922	406.98	0	48.848481	-86.932932	56408.91	56231.5	18.46	56427.37	56410.10938	56390.88331	56390.31250	504920.4	5410614.5
L4920.0	504920.4	5410616.0	41150.80078	403.64	0	48.848494	-86.932931	56408.93	56231.5	18.47	56427.40	56410.00000	56390.36911	56389.85547	504920.4	5410616.0
L4920.0	504920.5	5410618.1	41150.89844	403.79	0	48.848513	-86.932931	56408.81	56231.5	18.47	56427.28	56409.74609	56385.78817	56385.32813	504920.5	5410618.1
L4920.0	504920.5	5410618.1	41150.89844	403.79	0	48.848513	-86.932931	56409.09	56231.5	18.47	56427.56	56409.89844	56390.88013	56390.47656	504920.5	5410618.1
L4920.0	504920.5	5410620.3	41151.10156	403.83	0	48.848533	-86.932930	56409.26	56231.5	18.48	56427.75	56409.96484	56393.39237	56393.04688	504920.5	5410620.3
L4920.0	504920.6	5410621.9	41151.19922	405.78	0	48.848547	-86.932930	56409.70	56231.5	18.49	56428.19	56410.28516	56401.81641	56401.53125	504920.6	5410621.9
L4920.0	504920.6	5410623.4	41151.30078	406.66	0	48.848561	-86.932929	56409.57	56231.5	18.49	56428.06	56410.03906	56395.65239	56395.42578	504920.6	5410623.4
L4920.0	504920.6	5410623.4	41151.39844	407.92	0	48.848561	-86.932929	56409.60	56231.5	18.49	56428.09	56409.95703	56393.13936	56392.97266	504920.6	5410623.4
L4920.0	504920.6	5410624.9	41151.50000	407.55	0	48.848574	-86.932928	56409.75	56231.5	18.50	56428.24	56410.00391	56393.27216	56393.16797	504920.6	5410624.9
L4920.0	504920.6	5410624.9	41151.60156	407.77	0	48.848574	-86.932928	56409.86	56231.5	18.50	56428.35	56410.01172	56392.04670	56392.00391	504920.6	5410624.9
L4920.0	504920.7	5410626.9	41151.69922	406.96	0	48.848592	-86.932928	56409.95	56231.5	18.50	56428.45	56410.01563	56390.20766	56390.23047	504920.7	5410626.9
L4920.0	504920.7	5410628.6	41151.80078	408.89	0	48.848608	-86.932927	56410.21	56231.5	18.50	56428.72	56410.19531	56392.24886	56392.33203	504920.7	5410628.6
L4920.0	504920.7	5410630.3	41151.89844	410.22	0	48.848623	-86.932927	56410.34	56231.5	18.51	56428.84	56410.22656	56390.16792	56390.31641	504920.7	5410630.3
L4920.0	504920.7	5410630.3	41152.00000	411.46	0	48.848623	-86.932927	56410.36	56231.5	18.51	56428.87	56410.17578	56385.45991	56385.67188	504920.7	5410630.3
L4920.0	504920.8	5410632.1	41152.10156	408.29	0	48.848639	-86.932927	56410.62	56231.5	18.51	56429.14	56410.37109	56386.36814	56386.64844	504920.8	5410632.1
L4920.0	504920.8	5410633.6	41152.19922	408.29	0	48.848653	-86.932926	56410.82	56231.5	18.52	56429.34	56410.50000	56385.14074	56385.48828	504920.8	5410633.6
L4920.0	504920.8	5410633.6	41152.30078	405.29	0	48.848653	-86.932926	56411.41	56231.5	18.53	56429.93	56411.02344	56393.27047	56393.68750	504920.8	5410633.6
L4920.0	504920.8	5410635.4	41152.39844	405.97	0	48.848668	-86.932926	56411.64	56231.5	18.53	56430.17	56411.19922	56392.25901	56392.74219	504920.8	5410635.4
L4920.0	504920.8	5410636.6	41152.50000	404.84	0	48.848679	-86.932926	56411.87	56231.5	18.54	56430.40	56411.37109	56390.60039	56391.15234	504920.8	5410636.6
L4920.0	504920.8	5410638.1	41152.60156	404.48	0	48.848693	-86.932926	56411.64	56231.5	18.54	56430.18	56411.10156	56377.29450	56377.91797	504920.8	5410638.1
L4920.0	504920.8	5410638.1	41152.69922	406.38	0	48.848693	-86.932926	56412.07	56231.5	18.54	56430.61	56411.48438	56379.83029	56380.52344	504920.8	5410638.1
L4920.0	504920.8	5410639.6	41152.80078	408.60	0	48.848706	-86.932926	56412.46	56231.5	18.55	56431.01	56411.83984	56381.20982	56381.97266	504920.8	5410639.6
L4920.0	504920.8	5410641.0	41152.89844	410.07	0	48.848719	-86.932926	56412.94	56231.4	18.56	56431.49	56412.28516	56384.17964	56385.01563	504920.8	5410641.0
L4920.0	504920.8	5410642.5	41152.89844	410.07	0	48.848732	-86.932926	56413.42	56231.4	18.56	56431.98	56412.74219	56386.98780	56387.89453	504920.8	5410642.5
L4920.0	504920.8	5410642.5	41153.10156	410.86	0	48.848732	-86.932926	56413.88	56231.4	18.56	56432.44	56413.17578	56388.63239	56389.61328	504920.8	5410642.5
L4920.0	504920.8	5410644.4	41153.19922	409.72	0	48.848750	-86.932926	56414.42	56231.4	18.56	56432.98	56413.69141	56391.86060	56392.91797	504920.8	5410644.4
L4920.0	504920.8	5410646.0	41153.30078	411.15	0	48.848764	-86.932926	56414.37	56231.4	18.56	56432.93	56413.62500	56379.92552	56381.05469	504920.8	5410646.0
L4920.0	504920.8	5410647.8	41153.39844	413.79	0	48.848780	-86.932926	56415.11	56231.4	18.56	56433.68	56414.35938	56387.56552	56388.76953	504920.8	5410647.8
L4920.0	504920.8	5410647.8	41153.50000	414.79	0	48.848780	-86.932926	56415.46	56231.4	18.56	56434.03	56414.70313	56384.78798	56386.06641	504920.8	5410647.8
L4920.0	504920.8	5410649.4	41153.60156	413.62	0	48.848794	-86.932926	56416.16	56231.4	18.57	56434.73	56415.39844	56390.33638	56391.69141	504920.8	5410649.4
L4920.0	504920.8	5410650.9	41153.69922	412.37	0	48.848808	-86.932926	56416.56	56231.4	18.57	56435.13	56415.80078	56387.96459	56389.39844	504920.8	5410650.9
L4920.0	504920.8	5410650.9	41153.80078	411.89	0	48.848808	-86.932926	56417.05	56231.4	18.57	56435.61	56416.28516	56387.16924	56388.67578	504920.8	5410650.9
L4920.0	504920.8	5410652.9	41153.89844	411.49	0	48.848826	-86.932926	56417.61	56231.4	18.57	56436.18	56416.86719	56388.19989	56389.78516	504920.8	5410652.9
L4920.0	504920.8	5410654.6	41154.00000	413.90	0	48.848842	-86.932926	56418.15	56231.4	18.57	56436.72	56417.42188	56388.05729	56389.71875	504920.8	5410654.6
L4920.0	504920.8	5410656.4	41154.10156	409.31	0	48.848857	-86.932926	56419.06	56231.4	18.57	56437.63	56418.35156	56396.73867	56398.48047	504920.8	5410656.4
L4920.0	504920.8	5410656.4	41154.19922	411.78	0	48.848857	-86.932926	56419.45	56231.4	18.57	56438.02	56418.76953	56392.00087	56393.82422	504920.8	5410656.4
L4920.0	504920.8	5410658.1	41154.30078	409.24	0	48.848873	-86.932926	56419.93	56231.4	18.57	56438.51	56419.28516	56389.34002	56391.24219	504920.8	5410658.1
L4920.0	504920.8	5410659.9	41154.39844	405.79	0	48.848889	-86.932926	56420.46	56231.4	18.57	56439.04	56419.85156	56387.25746	56389.23828	504920.8	5410659.9
L4920.0	504920.8	5410661.5	41154.50000	403.62	0	48.848904	-86.932926	56421.44	56231.4	18.58	56440.01	56420.85938	56395.75143	56397.81250	504920.8	5410661.5
L4920.0	504920.8	5410661.5	41154.60156	404.62	0	48.848904	-86.932926	56422.02	56231.4	18.58	56440.60	56421.49219	56394.32932	56396.47266	504920.8	5410661.5
L4920.0	504920.8	5410663.1	41154.69922	404.77	0	48.848918	-86.932926	56422.69	56231.4	18.58	56441.27	56422.20703	56394.48946	56396.71484	504920.8	5410663.1
L4920.0	504920.8	5410664.7	41154.80078	405.61	0	48.848932	-86.932926	56423.43	56231.4	18.58	56442.00	56422.99219	56395.73398	56398.04297	504920.8	5410664.7
L4920.0	504920.8	5410666.9	41154.89844	407.15	0	48.848952	-86.932926	56424.17	56231.4	18.58	56442.75	56423.79688	56397.06538	56399.45313	504920.8	5410666.9
L4920.0	504920.8	5410666.9	41154.89844	407.15	0	48.848952	-86.932926	56425.06	56231.4	18.58	56443.64	56424.74609	56401.48531	56403.95703	504920.8	5410666.9
L4920.0	504920.7	5410668.4	41155.00000	408.56	0	48.848965	-86.932926	56425.72	56231.4	18.58	56444.30	56425.46875	56399.74924	56402.30469	504920.7	5410668.4
L4920.0	504920.7	5410670.2	41155.19922	411.03	0	48.848981	-86.932926	56426.54	56231.4	18.58	56445.13	56426.36719	56401.85735	56404.50000	504920.7	5410670.2
L4920.0	504920.7	5410671.4	41155.30078	409.45	0	48.848993	-86.932926	56427.26	56231.4	18.58	56445.84	56427.15234	56400.56508	56403.28906	504920.7	5410671.4
L4920.0	504920.7	5410671.4	41155.39844	407.43	0	48.848993	-86.932926	56428.25	56231.4	18.58	56446.84	56428.22656	56406.12310	56408.92969	504920.7	5410671.4
L4920.0	504920.7	5410672.7	41155.50000	407.83	0	48.849004	-86.932927	56429.07	56231.4	18.58	56447.65	56429.11719	56406.53882	56409.43359	504920.7	5410672.7
L4920.0	504920.7	5410674.7	41155.60156	406.57	0	48.849022	-86.932927	56429.84	56231.4	18.59	56448.42	56429.97266	56405.56536	56408.54688	504920.7	5410674.7
L4920.0	504920.7	5410674.7	41155.69922	406.95	0	48.849022	-86.932927	56430.24	56231.4	18.59	56448.83	56430.46875	56395.20956	56398.27734	504920.7	5410674.7
L4920.0	504920.7	5410676.8	41155.80078	407.16	0	48.849041	-86.932927	56431.29	56231.4	18.59	56449.87	56431.60156	56400.21900	56403.37109	504920.7	5410676.8
L4920.0	504920.7	5410676.8	41155.89844	406.31	0	48.849041	-86.932927	56432.44	56231.4	18.59	56451.03	56432.85547	56407.85249	56411.08984	504920.7	5410676.8
L4920.0	504920.7	5410678.4	41156.00000	406.55	0	48.849056	-86.932927	56433.59	56231.4	18.59	56452.18	56434.10547	56414.86634	56418.19141	504920.7	5410678.4
L4920.0	504920.7	5410680.1	41156.10156	407.43	0	48.849071	-86.932927	56434.30	56231.4	18.59	56452.89	56434.91797	56410.51933	56413.93359	504920.7	5410680.1
L4920.0	504920.6	5410682.1	41156.19922	406.20	0	48.849089	-86.932928	56435.12	56231.4	18.59	56453.71	56435.84375	56408.56344	56412.06641	504920.6	5410682.1
L4920.0	504920.6	5410682.1	41156.30078	402.11	0	48.849089	-86.932928	56436.37	56231.4	18.59	56454.96	56437.20313	56417.00258	56420.59375	504920.6	5410682.1
L4920.0	504920.6	5410683.4	41156.39844	404.03	0	48.849100	-86.932928	56437.59	56231.4	18.59	56456.18	56438.53516	56424.34661	56428.02344	504920.6	5410683.4
L4920.0	504920.6	5410685.0	41156.50000	402.93	0	48.849115	-86.932928	56438.59	56231.4	18.59	56457.18	56439.65234	56425.85376	56429.62109	504920.6	5410685.0
L4920.0	504920.6	5410686.6	41156.60156	403.49	0	48.849130	-86.932928	56439.36	56231.4	18.59	56457.95	56440.53906	56421.28118	56425.14063	504920.6	5410686.6
L4920.0	504920.6	5410686.6	41156.69922	402.41	0	48.849130	-86.932928	56440.63	56231.4	18.59	56459.22	56441.93359	56428.88096	56432.82813	504920.6	5410686.6
L4920.0	504920.6	5410688.2	41156.80078	400.96	0	48.849143	-86.932928	56441.93	56231.4	18.59	56460.52	56443.35938	56436.91417	56440.94922	504920.6	5410688.2
L4920.0	504920.6	5410689.8	41156.89844	405.24	0	48.849158	-86.932929	56442.72	56231.4	18.59	56461.31	56444.27734	56431.89268	56436.01953	504920.6	5410689.8
L4920.0	504920.5	5410691.0	41156.89844	405.24	0	48.849169	-86.932929	56444.18	56231.4	18.59	56462.77	56445.86719	56443.31612	56447.53125	504920.5	5410691.0
L4920.0	504920.5	5410692.7	41157.00000	408.51	0	48.849185	-86.932930	56444.58	56231.4	18.59	56463.17	56446.40234	56427.95552	56432.26563	504920.5	5410692.7
L4920.0	504920.5	5410692.7	41157.19922	409.39	0	48.849185	-86.932930	56446.12	56231.4	18.58	56464.70	56448.07031	56440.55372	56444.95313	504920.5	5410692.7
L4920.0	504920.4	5410694.4	41157.30078	408.55	0	48.849199	-86.932930	56446.98	56231.4	18.58	56465.56	56449.06641	56436.13278	56440.62500	504920.4	5410694.4
L4920.0	504920.4	5410696.4	41157.39844	408.87	0	48.849217	-86.932931	56448.44	56231.4	18.58	56467.02	56450.66797	56446.44270	56451.02344	504920.4	5410696.4
L4920.0	504920.4	5410696.4	41157.50000	408.47	0	48.849217	-86.932931	56449.62	56231.4	18.57	56468.19	56451.98438	56449.24943	56453.92188	504920.4	5410696.4
L4920.0	504920.3	5410698.6	41157.60156	410.43	0	48.849237	-86.932932	56450.56	56231.4	18.57	56469.13	56453.07031	56446.06226	56450.82813	504920.3	5410698.6
L4920.0	504920.3	5410698.6	41157.69922	411.77	0	48.849237	-86.932932	56452.02	56231.4	18.57	56470.58	56454.67188	56455.38574	56460.24609	504920.3	5410698.6
L4920.0	504920.3	5410700.2	41157.80078	410.94	0	48.849252	-86.932932	56453.11	56231.4	18.57	56471.67	56455.91016	56455.48636	56460.43750	504920.3	5410700.2
L4920.0	504920.2	5410701.9	41157.89844	408.95	0	48.849267	-86.932933	56454.52	56231.4	18.56	56473.08	56457.47656	56463.36954	56468.41016	504920.2	5410701.9
L4920.0	504920.2	5410701.9	41158.00000	408.59	0	48.849267	-86.932933	56455.20	56231.4	18.56	56473.76	56458.31250	56452.80351	56457.93750	504920.2	5410701.9
L4920.0	504920.2	5410703.9	41158.10156	405.29	0	48.849285	-86.932934	56456.45	56231.4	18.56	56475.02	56459.72656	56456.53949	56461.76953	504920.2	5410703.9
L4920.0	504920.2	5410703.9	41158.19922	407.55	0	48.849285	-86.932934	56457.70	56231.4	18.57	56476.27	56461.13672	56459.84274	56465.16797	504920.2	5410703.9
L4920.0	504920.1	5410705.7	41158.30078	408.73	0	48.849301	-86.932935	56459.21	56231.4	18.57	56477.78	56462.80859	56469.47241	56474.88672	504920.1	5410705.7

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4920.0	504920.1	5410707.2	41158.39844	412.17	0	48.849315	-86.932935	56460.33	56231.4	18.57	56478.90	56464.09375	56469.19450	56474.70313	504920.1	5410707.2
L4920.0	504920.1	5410707.2	41158.50000	413.38	0	48.849315	-86.932935	56461.64	56231.4	18.57	56480.21	56465.56641	56473.51625	56479.12109	504920.1	5410707.2
L4920.0	504920.0	5410708.6	41158.60156	414.08	0	48.849327	-86.932936	56462.78	56231.4	18.58	56481.35	56466.87500	56473.45182	56479.14844	504920.0	5410708.6
L4920.0	504920.0	5410710.3	41158.69922	413.99	0	48.849343	-86.932936	56464.24	56231.4	18.58	56482.82	56468.51172	56481.50931	56487.30078	504920.0	5410710.3
L4920.0	504919.9	5410712.0	41158.80078	411.10	0	48.849358	-86.932937	56465.08	56231.4	18.58	56483.66	56469.52344	56473.70748	56479.59375	504919.9	5410712.0
L4920.0	504919.9	5410712.0	41158.89844	413.24	0	48.849358	-86.932937	56466.92	56231.4	18.59	56485.50	56471.53516	56490.79642	56496.77734	504919.9	5410712.0
L4920.0	504919.9	5410713.8	41158.89844	413.24	0	48.849374	-86.932937	56467.71	56231.4	18.59	56486.29	56472.49609	56481.55302	56487.62891	504919.9	5410713.8
L4920.0	504919.9	5410715.3	41159.00000	411.46	0	48.849388	-86.932938	56469.14	56231.4	18.59	56487.73	56474.10938	56488.47702	56494.64844	504919.9	5410715.3
L4920.0	504919.9	5410716.8	41159.19922	412.31	0	48.849401	-86.932938	56470.87	56231.4	18.58	56489.45	56476.00391	56502.33326	56508.59766	504919.9	5410716.8
L4920.0	504919.9	5410716.8	41159.30078	411.75	0	48.849401	-86.932938	56471.69	56231.4	18.57	56490.26	56476.99219	56493.39256	56499.75391	504919.9	5410716.8
L4920.0	504919.8	5410718.9	41159.39844	408.32	0	48.849420	-86.932938	56473.30	56231.4	18.57	56491.87	56478.77734	56504.40474	56510.85938	504919.8	5410718.9
L4920.0	504919.8	5410720.6	41159.50000	407.00	0	48.849435	-86.932938	56474.39	56231.4	18.57	56492.96	56480.04688	56502.39163	56508.94141	504919.8	5410720.6
L4920.0	504919.8	5410720.6	41159.60156	406.24	0	48.849435	-86.932938	56475.52	56231.4	18.56	56494.08	56481.34375	56501.11151	56507.75781	504919.8	5410720.6
L4920.0	504919.8	5410722.4	41159.69922	405.02	0	48.849451	-86.932939	56477.10	56231.4	18.56	56495.65	56483.09375	56511.07357	56517.81641	504919.8	5410722.4
L4920.0	504919.8	5410724.1	41159.80078	405.16	0	48.849466	-86.932939	56478.22	56231.4	18.55	56496.77	56484.39453	56509.79658	56516.63281	504919.8	5410724.1
L4920.0	504919.8	5410724.1	41159.89844	406.41	0	48.849466	-86.932939	56479.65	56231.5	18.54	56498.20	56486.00781	56516.28723	56523.21875	504919.8	5410724.1
L4920.0	504919.8	5410725.9	41160.00000	408.95	0	48.849483	-86.932939	56480.95	56231.5	18.54	56499.49	56487.47656	56519.31094	56526.33984	504919.8	5410725.9
L4920.0	504919.8	5410727.9	41160.10156	410.10	0	48.849500	-86.932938	56481.84	56231.5	18.54	56500.38	56488.55078	56512.38167	56519.50781	504919.8	5410727.9
L4920.0	504919.8	5410727.9	41160.19922	409.59	0	48.849500	-86.932938	56483.27	56231.5	18.54	56501.81	56490.16406	56519.00462	56526.22656	504919.8	5410727.9
L4920.0	504919.8	5410729.3	41160.30078	408.72	0	48.849514	-86.932938	56484.76	56231.5	18.54	56503.30	56491.83594	56527.19520	56534.51172	504919.8	5410729.3
L4920.0	504919.9	5410731.4	41160.39844	408.41	0	48.849533	-86.932938	56485.63	56231.5	18.54	56504.16	56492.87891	56519.72023	56527.13281	504919.9	5410731.4
L4920.0	504919.9	5410731.4	41160.50000	407.09	0	48.849533	-86.932938	56487.08	56231.5	18.53	56505.61	56494.51563	56527.08256	56534.59375	504919.9	5410731.4
L4920.0	504919.9	5410732.7	41160.60156	405.76	0	48.849545	-86.932937	56488.25	56231.5	18.53	56506.79	56495.87891	56527.80001	56535.40625	504919.9	5410732.7
L4920.0	504919.9	5410734.0	41160.69922	405.33	0	48.849556	-86.932937	56489.98	56231.5	18.53	56508.51	56497.78516	56542.12812	56549.83203	504919.9	5410734.0
L4920.0	504920.0	5410735.8	41160.80078	403.85	0	48.849572	-86.932936	56490.93	56231.5	18.53	56509.46	56498.91797	56537.33769	56545.13672	504920.0	5410735.8
L4920.0	504920.0	5410735.8	41160.89844	405.23	0	48.849572	-86.932936	56492.31	56231.5	18.53	56510.84	56500.48047	56543.43109	56551.32813	504920.0	5410735.8
L4920.0	504920.0	5410737.0	41160.89844	405.23	0	48.849583	-86.932935	56493.69	56231.5	18.53	56512.22	56502.04688	56549.67240	56557.66797	504920.0	5410737.0
L4920.0	504920.1	5410738.5	41161.10156	403.65	0	48.849596	-86.932935	56494.81	56231.5	18.53	56513.34	56503.35156	56549.57422	56557.66797	504920.1	5410738.5
L4920.0	504920.1	5410740.3	41161.19922	407.20	0	48.849612	-86.932934	56495.84	56231.5	18.53	56514.36	56504.55469	56547.14593	56555.33594	504920.1	5410740.3
L4920.0	504920.1	5410740.3	41161.30078	407.53	0	48.849612	-86.932934	56497.57	56231.5	18.52	56516.09	56506.46875	56562.64196	56570.92969	504920.1	5410740.3
L4920.0	504920.2	5410741.9	41161.39844	409.45	0	48.849627	-86.932933	56498.41	56231.5	18.52	56516.93	56507.49609	56556.08404	56564.46875	504920.2	5410741.9
L4920.0	504920.2	5410741.9	41161.50000	408.95	0	48.849627	-86.932933	56499.69	56231.5	18.52	56518.21	56508.95703	56560.72236	56569.20703	504920.2	5410741.9
L4920.0	504920.2	5410743.6	41161.60156	408.43	0	48.849642	-86.932932	56501.06	56231.5	18.52	56519.58	56510.51172	56567.81909	56576.40234	504920.2	5410743.6
L4920.0	504920.3	5410745.4	41161.69922	407.65	0	48.849658	-86.932932	56501.96	56231.5	18.52	56520.47	56511.58594	56563.13773	56571.82031	504920.3	5410745.4
L4920.0	504920.3	5410746.9	41161.80078	405.12	0	48.849671	-86.932931	56503.52	56231.5	18.51	56522.03	56513.32813	56575.42904	56584.21094	504920.3	5410746.9
L4920.0	504920.3	5410746.9	41161.89844	404.13	0	48.849671	-86.932931	56504.38	56231.5	18.51	56522.89	56514.37109	56570.46181	56579.33984	504920.3	5410746.9
L4920.0	504920.4	5410748.4	41162.00000	404.68	0	48.849686	-86.932930	56505.76	56231.5	18.51	56524.27	56515.92969	56578.73574	56587.71484	504920.4	5410748.4
L4920.0	504920.4	5410750.1	41162.10156	406.39	0	48.849701	-86.932930	56506.75	56231.5	18.51	56525.26	56517.10156	56577.51573	56586.59375	504920.4	5410750.1
L4920.0	504920.4	5410750.1	41162.19922	405.84	0	48.849701	-86.932930	56508.44	56231.5	18.51	56526.95	56518.97266	56594.05185	56603.23047	504920.4	5410750.1
L4920.0	504920.5	5410751.9	41162.30078	407.43	0	48.849717	-86.932929	56509.38	56231.5	18.51	56527.90	56520.10156	56592.36226	56601.64063	504920.5	5410751.9
L4920.0	504920.5	5410753.4	41162.39844	408.97	0	48.849730	-86.932929	56510.22	56231.5	18.51	56528.74	56521.12109	56588.19979	56597.57813	504920.5	5410753.4
L4920.0	504920.6	5410755.4	41162.50000	411.86	0	48.849749	-86.932928	56511.45	56231.5	18.51	56529.96	56522.51953	56593.81799	56603.29688	504920.6	5410755.4
L4920.0	504920.6	5410755.4	41162.60156	411.13	0	48.849749	-86.932928	56512.27	56231.5	18.52	56530.78	56523.51953	56589.72930	56599.30859	504920.6	5410755.4
L4920.0	504920.6	5410756.9	41162.69922	410.80	0	48.849762	-86.932928	56513.19	56231.5	18.52	56531.71	56524.62500	56588.68651	56598.36719	504920.6	5410756.9
L4920.0	504920.6	5410759.0	41162.80078	410.34	0	48.849780	-86.932927	56514.11	56231.5	18.52	56532.62	56525.71094	56587.44674	56597.22656	504920.6	5410759.0
L4920.0	504920.7	5410760.7	41162.89844	409.25	0	48.849796	-86.932926	56515.73	56231.5	18.52	56534.25	56527.51563	56604.51046	56614.39063	504920.7	5410760.7
L4920.0	504920.7	5410760.7	41162.89844	409.25	0	48.849796	-86.932926	56516.20	56231.5	18.52	56534.72	56528.16016	56592.89688	56602.87891	504920.7	5410760.7
L4920.0	504920.7	5410762.7	41163.10156	409.30	0	48.849814	-86.932925	56517.68	56231.5	18.52	56536.20	56529.81250	56606.84545	56616.93359	504920.7	5410762.7
L4920.0	504920.7	5410762.7	41163.19922	408.58	0	48.849814	-86.932925	56518.16	56231.5	18.52	56536.68	56530.46875	56596.12568	56606.31641	504920.7	5410762.7
L4920.0	504920.8	5410764.5	41163.30078	408.99	0	48.849830	-86.932925	56519.44	56231.5	18.52	56537.96	56531.91797	56605.72909	56616.01953	504920.8	5410764.5
L4920.0	504920.8	5410765.9	41163.39844	409.89	0	48.849843	-86.932924	56520.51	56231.5	18.52	56539.02	56533.14844	56610.16736	56620.56250	504920.8	5410765.9
L4920.0	504920.8	5410765.9	41163.50000	409.68	0	48.849843	-86.932924	56521.13	56231.5	18.51	56539.64	56533.93750	56603.94604	56614.44141	504920.8	5410765.9
L4920.0	504920.8	5410767.4	41163.60156	409.15	0	48.849857	-86.932924	56522.52	56231.5	18.51	56541.04	56535.50391	56617.55992	56628.16016	504920.8	5410767.4
L4920.0	504920.9	5410769.0	41163.69922	409.64	0	48.849870	-86.932924	56522.83	56231.5	18.51	56541.35	56535.98438	56604.27592	56614.98047	504920.9	5410769.0
L4920.0	504920.9	5410770.8	41163.80078	407.47	0	48.849887	-86.932923	56524.06	56231.5	18.51	56542.57	56537.36719	56614.08254	56624.89063	504920.9	5410770.8
L4920.0	504920.9	5410770.8	41163.89844	406.16	0	48.849887	-86.932923	56524.97	56231.5	18.51	56543.48	56538.44141	56616.49135	56627.40625	504920.9	5410770.8
L4920.0	504920.9	5410772.3	41164.00000	406.26	0	48.849900	-86.932923	56525.64	56231.5	18.51	56544.15	56539.27734	56613.25427	56624.27344	504920.9	5410772.3
L4920.0	504920.9	5410774.2	41164.10156	408.61	0	48.849918	-86.932923	56526.74	56231.5	18.51	56545.25	56540.53906	56621.11855	56632.24609	504920.9	5410774.2
L4920.0	504920.9	5410774.2	41164.19922	407.89	0	48.849918	-86.932923	56527.30	56231.5	18.51	56545.81	56541.25781	56615.84307	56627.07422	504920.9	5410774.2
L4920.0	504920.9	5410776.9	41164.30078	406.61	0	48.849942	-86.932923	56528.37	56231.5	18.51	56546.87	56542.47656	56623.42181	56634.75781	504920.9	5410776.9
L4920.0	504920.9	5410776.9	41164.39844	407.26	0	48.849942	-86.932923	56528.81	56231.5	18.51	56547.31	56543.07422	56615.86415	56627.30859	504920.9	5410776.9
L4920.0	504920.9	5410778.7	41164.50000	406.08	0	48.849958	-86.932922	56529.72	56231.5	18.51	56548.22	56544.14063	56620.41316	56631.96484	504920.9	5410778.7
L4920.0	504920.9	5410778.7	41164.60156	404.10	0	48.849958	-86.932922	56530.31	56231.5	18.50	56548.82	56544.89844	56617.57520	56629.23438	504920.9	5410778.7
L4920.0	504921.0	5410780.8	41164.69922	404.97	0	48.849977	-86.932922	56531.15	56231.5	18.50	56549.65	56545.88281	56620.84678	56632.61328	504921.0	5410780.8
L4920.0	504921.0	5410782.6	41164.80078	405.52	0	48.849993	-86.932922	56531.58	56231.5	18.50	56550.08	56546.46484	56614.48266	56626.35547	504921.0	5410782.6
L4920.0	504921.0	5410783.9	41164.89844	407.16	0	48.850005	-86.932922	56532.86	56231.5	18.50	56551.36	56547.89453	56629.72365	56641.70703	504921.0	5410783.9
L4920.0	504921.0	5410783.9	41164.89844	407.16	0	48.850005	-86.932922	56532.88	56231.5	18.50	56551.38	56548.06250	56613.83477	56625.92578	504921.0	5410783.9
L4920.0	504921.0	5410785.4	41165.10156	408.17	0	48.850018	-86.932922	56534.04	56231.5	18.50	56552.53	56549.35938	56626.54807	56638.75000	504921.0	5410785.4
L4920.0	504921.0	5410787.4	41165.19922	409.75	0	48.850036	-86.932921	56534.14	56231.5	18.49	56552.64	56549.61719	56613.62849	56625.93750	504921.0	5410787.4
L4920.0	504921.0	5410787.4	41165.30078	410.01	0	48.850036	-86.932921	56535.00	56231.5	18.49	56553.49	56550.61328	56619.56207	56631.98047	504921.0	5410787.4
L4920.0	504921.0	5410789.1	41165.39844	411.44	0	48.850051	-86.932921	56535.95	56231.5	18.49	56554.44	56551.70313	56628.35218	56640.87891	504921.0	5410789.1
L4920.0	504921.0	5410790.4	41165.50000	411.75	0	48.850063	-86.932921	56536.46	56231.5	18.49	56554.94	56552.34766	56626.25134	56638.89063	504921.0	5410790.4
L4920.0	504921.1	5410791.9	41165.60156	411.85	0	48.850076	-86.932921	56536.89	56231.5	18.48	56555.38	56552.92578	56623.00501	56635.75391	504921.1	5410791.9
L4920.0	504921.1	5410791.9	41165.69922	411.49	0	48.850076	-86.932921	56537.56	56231.5	18.48	56556.04	56553.72266	56625.60927	56638.46875	504921.1	5410791.9
L4920.0	504921.1	5410793.9	41165.80078	410.59	0	48.850095	-86.932921	56537.56	56231.5	18.48	56556.04	56553.85938	56612.06840	56625.03516	504921.1	5410793.9
L4920.0	504921.1	5410795.1	41165.89844	407.32	0	48.850105	-86.932921	56538.35	56231.5	18.47	56556.82	56554.77344	56618.36966	56631.44922	504921.1	5410795.1
L4920.0	504921.1	5410795.1	41166.00000	405.81	0	48.850105	-86.932921	56539.09	56231.5	18.47	56557.56	56555.64844	56624.01654	56637.20703	504921.1	5410795.1
L4920.0	504921.1	5410797.1	41166.10156	407.46	0	48.850123	-86.932921	56539.75	56231.5	18.47	56558.22	56556.43750	56628.00667	56641.30859	504921.1	5410797.1
L4920.0	504921.0	5410799.1	41166.19922	407.27	0	48.850141	-86.932921	56539.86	56231.5	18.48	56558.33	56556.67578	56618.59064	56632.00391	504921.0	5410799.1
L4920.0	504921.0	5410799.1	41166.30078	406.77	0	48.850141	-86.932921	56540.62	56231.5	18.48	56559.10	56557.57422	56626.00668	56639.52734	504921.0	5410799.1
L4920.0	504921.0	5410800.8	41166.39844	410.14	0	48.850157	-86.932921	56540.72	56231.5	18.48	56559.21	56557.80859	56617.26123	56630.89453	504921.0	5410800.8
L4920.0	504921.0	5410802.3	41166.50000	409.01	0	48.850170	-86.932921	56541.44	56231.5	18.49	56559.92	56558.64453	56623.84182	56637.58594	504921.0	5410802.3
L4920.0	504921.0	5410802.3	41166.60156	409.46	0	48.850170	-86.932921	56541.71	56231.5	18.49	56560.20	56559.04688	56620.00250	56633.85938	504921.0	5410802.3
L4920.0	504921.0	5410804.3	41166.69922	408.10	0	48.850188	-86.932921	56542.08	56231.5	18.49	56560.57	56559.53516	56618.73588	56632.70313	504921.0	5410804.3
L4920.0	504921.0	5410806.3	41166.80078	407.47	0	48.850206	-86.932921	56542.82	56231.5	18.49	56561.31	56560.39453	56627.03619	56641.11328	504921.0	5410806.3
L4920.0	504921.0	5410807.6	41166.89844	406.68	0	48.850218	-86.932921	56542.79	56231.5	18.50	56561.28	56560.48047	56616.40785	56630.59375	504921.0	5410807.6
L4920.0	504921.0	5410807.6	41166.89844	406.68	0	48.850218	-86.932921	56543.22	56231.5	18.50	56561.72	56561.03125	56617.83785	56632.13281	504921.0	5410807.6
L4920.0	504921.0	5410809.4	41167.00000	409.75	0	48.850234	-86.932921	56543.40	56231.5	18.50	56561.90	56561.32422	56613.07738	56627.48438	504921.0	5410809.4
L4920.0	504921.0	5410810.9	41167.19922	406.46	0	48.850247	-86.932921	56544.16	56231.5	18.50	56562.66	56562.19531	56623.11608	56637.63281	504921.0	5410810.9
L4920.0	504921.0	5410810.9	41167.30078	406.53	0	48.850247	-86.932921	56544.24	56231.5	18.49	56562.74	56562.38281	56616.45874	56631.08203	504921.0	5410810.9
L4920.0	504921.0	5410812.5	41167.39844	406.69	0	48.850262	-86.932921	56544.73	56231.5	18.49	56563.22	56562.96875	56620.09306	56634.82422	504921.0	5410812.5
L4920.0	504921.0	5410814.4	41167.50000	408.07	0	48.850279	-86.932921	56544.63	56231.5	18.49	56563.12	56562.97266	56609.52156	56624.35938	504921.0	5410814.4
L4920.0	504921.0	5410814.4	41167.60156	409.02	0	48.850279	-86.932921	56545.16	56231.5	18.49	56563.65	56563.60156	56614.98077	56629.92969	504921.0	5410814.4

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4920.0	504921.0	5410816.4	41167.69922	407.18	0	48.850297	-86.932921	56545.16	56231.5	18.49	56563.65	56563.70313	56607.47431	56622.52734	504921.0	5410816.4
L4920.0	504921.0	5410817.7	41167.80078	404.61	0	48.850308	-86.932921	56545.52	56231.5	18.48	56564.00	56564.14844	56608.99092	56624.14844	504921.0	5410817.7
L4920.0	504921.0	5410819.2	41167.89844	406.06	0	48.850322	-86.932921	56545.98	56231.5	18.48	56564.46	56564.70313	56613.52732	56628.78906	504921.0	5410819.2
L4920.0	504921.0	5410819.2	41168.00000	405.71	0	48.850322	-86.932921	56546.18	56231.5	18.48	56564.66	56564.99609	56611.83114	56627.19922	504921.0	5410819.2
L4920.0	504921.0	5410821.0	41168.10156	407.74	0	48.850339	-86.932921	56546.36	56231.5	18.48	56564.85	56565.27734	56610.14536	56625.61719	504921.0	5410821.0
L4920.0	504921.0	5410821.0	41168.19922	409.54	0	48.850339	-86.932921	56546.72	56231.5	18.49	56565.21	56565.72656	56612.96342	56628.53516	504921.0	5410821.0
L4920.0	504921.0	5410824.3	41168.30078	408.49	0	48.850368	-86.932921	56546.67	56231.5	18.49	56565.16	56565.76172	56605.78416	56621.45703	504921.0	5410824.3
L4920.0	504921.0	5410824.3	41168.39844	407.59	0	48.850368	-86.932921	56547.18	56231.5	18.49	56565.67	56566.35547	56612.84508	56628.61719	504921.0	5410824.3
L4920.0	504921.0	5410826.1	41168.50000	406.23	0	48.850385	-86.932921	56546.95	56231.5	18.50	56565.44	56566.20703	56601.65009	56617.51953	504921.0	5410826.1
L4920.0	504921.0	5410826.1	41168.60156	407.19	0	48.850385	-86.932921	56547.33	56231.5	18.50	56565.83	56566.67578	56606.18369	56622.14844	504921.0	5410826.1
L4920.0	504921.0	5410827.7	41168.69922	408.20	0	48.850399	-86.932921	56547.82	56231.5	18.50	56566.32	56567.24219	56613.44395	56629.50391	504921.0	5410827.7
L4920.0	504921.0	5410829.6	41168.80078	408.65	0	48.850416	-86.932921	56547.54	56231.5	18.50	56566.04	56567.03516	56601.68138	56617.83594	504921.0	5410829.6
L4920.0	504921.0	5410831.6	41168.89844	408.09	0	48.850434	-86.932921	56548.07	56231.5	18.51	56566.58	56567.64453	56610.62857	56626.87500	504921.0	5410831.6
L4920.0	504921.0	5410831.6	41168.89844	408.09	0	48.850434	-86.932921	56548.07	56231.5	18.51	56566.58	56567.71484	56606.28944	56622.62500	504921.0	5410831.6
L4920.0	504921.0	5410833.2	41169.10156	409.49	0	48.850448	-86.932920	56548.18	56231.5	18.51	56566.69	56567.89063	56604.90321	56621.32813	504921.0	5410833.2
L4920.0	504921.0	5410833.2	41169.19922	406.16	0	48.850448	-86.932920	56548.56	56231.5	18.51	56567.07	56568.33594	56610.46261	56626.97266	504921.0	5410833.2
L4920.0	504921.0	5410835.2	41169.30078	404.69	0	48.850466	-86.932920	56548.61	56231.5	18.52	56567.13	56568.45703	56608.21571	56624.80859	504921.0	5410835.2
L4920.0	504921.0	5410836.9	41169.39844	404.72	0	48.850482	-86.932920	56548.66	56231.5	18.52	56567.18	56568.56641	56605.90398	56622.57813	504921.0	5410836.9
L4920.0	504921.0	5410836.9	41169.50000	405.66	0	48.850482	-86.932920	56548.76	56231.5	18.52	56567.28	56568.72266	56605.02061	56621.77344	504921.0	5410836.9
L4920.0	504921.1	5410838.5	41169.60156	407.62	0	48.850496	-86.932920	56548.96	56231.5	18.52	56567.48	56568.97266	56606.80878	56623.63672	504921.1	5410838.5
L4920.0	504921.1	5410840.0	41169.69922	408.27	0	48.850510	-86.932920	56548.91	56231.5	18.52	56567.44	56568.98438	56602.76444	56619.66797	504921.1	5410840.0
L4920.0	504921.1	5410841.9	41169.80078	408.31	0	48.850526	-86.932920	56549.09	56231.5	18.53	56567.62	56569.21484	56604.37763	56621.35156	504921.1	5410841.9
L4920.0	504921.1	5410841.9	41169.89844	407.38	0	48.850526	-86.932920	56549.45	56231.5	18.53	56567.98	56569.61719	56610.64195	56627.68359	504921.1	5410841.9
L4920.0	504921.0	5410843.3	41170.00000	407.45	0	48.850539	-86.932920	56549.09	56231.5	18.53	56567.62	56569.30078	56599.05715	56616.16406	504921.0	5410843.3
L4920.0	504921.0	5410845.3	41170.10156	407.72	0	48.850557	-86.932920	56549.30	56231.5	18.54	56567.83	56569.55078	56601.85703	56619.02344	504921.0	5410845.3
L4920.0	504921.0	5410845.3	41170.19922	406.39	0	48.850557	-86.932920	56549.61	56231.5	18.54	56568.15	56569.91016	56607.53798	56624.76563	504921.0	5410845.3
L4920.0	504921.0	5410846.8	41170.30078	409.70	0	48.850570	-86.932921	56549.53	56231.5	18.55	56568.07	56569.86328	56603.34668	56620.62891	504921.0	5410846.8
L4920.0	504921.0	5410848.3	41170.39844	409.81	0	48.850584	-86.932921	56549.52	56231.4	18.55	56568.08	56569.90625	56601.52249	56618.85547	504921.0	5410848.3
L4920.0	504921.0	5410848.3	41170.50000	411.90	0	48.850584	-86.932921	56550.02	56231.4	18.56	56568.58	56570.43359	56612.05531	56629.43750	504921.0	5410848.3
L4920.0	504921.0	5410850.1	41170.60156	409.82	0	48.850600	-86.932921	56549.63	56231.4	18.57	56568.20	56570.07813	56600.69785	56618.12500	504921.0	5410850.1
L4920.0	504921.0	5410852.0	41170.69922	409.88	0	48.850617	-86.932921	56549.96	56231.4	18.57	56568.53	56570.42969	56607.18121	56624.64844	504921.0	5410852.0
L4920.0	504921.0	5410853.6	41170.80078	408.36	0	48.850632	-86.932921	56549.50	56231.4	18.58	56568.08	56570.00000	56594.25879	56611.76172	504921.0	5410853.6
L4920.0	504921.0	5410853.6	41170.89844	404.38	0	48.850632	-86.932921	56550.02	56231.4	18.58	56568.60	56570.53906	56605.66039	56623.19531	504921.0	5410853.6
L4920.0	504921.0	5410855.3	41170.89844	404.38	0	48.850647	-86.932921	56549.75	56231.4	18.58	56568.34	56570.29297	56597.64114	56615.20313	504921.0	5410855.3
L4920.0	504920.9	5410856.9	41171.10156	403.87	0	48.850661	-86.932921	56549.81	56231.4	18.59	56568.40	56570.36328	56597.68540	56615.27344	504920.9	5410856.9
L4920.0	504920.9	5410856.9	41171.19922	408.07	0	48.850661	-86.932921	56549.88	56231.4	18.60	56568.48	56570.44922	56598.28762	56615.89453	504920.9	5410856.9
L4920.0	504920.9	5410858.8	41171.30078	409.77	0	48.850679	-86.932921	56549.86	56231.4	18.60	56568.45	56570.42578	56596.19092	56613.80859	504920.9	5410858.8
L4920.0	504920.9	5410860.8	41171.39844	412.36	0	48.850696	-86.932922	56550.02	56231.4	18.60	56568.62	56570.59766	56599.13516	56616.76172	504920.9	5410860.8
L4920.0	504920.9	5410861.9	41171.50000	415.13	0	48.850707	-86.932922	56549.70	56231.4	18.60	56568.30	56570.27734	56589.86741	56607.50000	504920.9	5410861.9
L4920.0	504920.9	5410861.9	41171.60156	417.85	0	48.850707	-86.932922	56550.14	56231.4	18.61	56568.75	56570.72266	56599.87047	56617.50391	504920.9	5410861.9
L4920.0	504920.9	5410863.6	41171.69922	420.72	0	48.850722	-86.932922	56549.81	56231.4	18.61	56568.42	56570.38281	56590.39749	56608.02344	504920.9	5410863.6
L4920.0	504920.9	5410865.0	41171.80078	420.63	0	48.850734	-86.932922	56550.11	56231.4	18.61	56568.73	56570.68359	56596.92997	56614.54297	504920.9	5410865.0
L4920.0	504920.9	5410865.0	41171.89844	420.54	0	48.850734	-86.932922	56550.09	56231.4	18.62	56568.71	56570.64844	56595.21671	56612.81250	504920.9	5410865.0
L4920.0	504920.9	5410867.1	41172.00000	419.87	0	48.850753	-86.932922	56549.88	56231.4	18.62	56568.50	56570.42188	56588.74836	56606.32031	504920.9	5410867.1
L4920.0	504920.9	5410868.6	41172.10156	420.05	0	48.850767	-86.932922	56550.09	56231.4	18.63	56568.72	56570.62109	56593.01204	56610.55859	504920.9	5410868.6
L4920.0	504920.9	5410868.6	41172.19922	420.15	0	48.850767	-86.932922	56549.57	56231.4	18.64	56568.21	56570.08984	56579.00770	56596.51953	504920.9	5410868.6
L4920.0	504920.9	5410870.5	41172.30078	418.20	0	48.850783	-86.932922	56550.02	56231.4	18.64	56568.66	56570.51172	56588.96455	56606.43359	504920.9	5410870.5
L4920.0	504920.9	5410872.2	41172.39844	415.67	0	48.850799	-86.932922	56550.04	56231.3	18.65	56568.69	56570.51172	56588.38403	56605.80469	504920.9	5410872.2
L4920.0	504920.9	5410874.0	41172.50000	413.76	0	48.850815	-86.932922	56550.11	56231.3	18.66	56568.77	56570.55859	56589.00406	56606.37109	504920.9	5410874.0
L4920.0	504920.9	5410874.0	41172.60156	410.43	0	48.850815	-86.932922	56550.04	56231.3	18.67	56568.71	56570.46484	56586.06733	56603.37500	504920.9	5410874.0
L4920.0	504920.9	5410875.6	41172.69922	408.78	0	48.850829	-86.932922	56550.16	56231.3	18.68	56568.84	56570.55469	56587.81267	56605.05469	504920.9	5410875.6
L4920.0	504920.9	5410877.1	41172.80078	403.78	0	48.850843	-86.932922	56549.73	56231.3	18.68	56568.42	56570.08984	56575.73661	56592.90234	504920.9	5410877.1
L4920.0	504920.9	5410877.1	41172.89844	400.83	0	48.850843	-86.932922	56550.06	56231.3	18.69	56568.75	56570.37500	56582.32086	56599.40625	504920.9	5410877.1
L4920.0	504920.8	5410878.8	41172.89844	400.83	0	48.850859	-86.932923	56549.96	56231.3	18.69	56568.65	56570.22656	56578.06503	56595.06250	504920.8	5410878.8
L4920.0	504920.8	5410878.8	41173.00000	401.01	0	48.850859	-86.932923	56549.73	56231.3	18.70	56568.43	56569.95313	56570.70791	56587.61328	504920.8	5410878.8
L4920.0	504920.8	5410880.6	41173.19922	399.72	0	48.850875	-86.932923	56550.24	56231.3	18.71	56568.95	56570.41797	56581.73421	56598.53516	504920.8	5410880.6
L4920.0	504920.8	5410881.8	41173.30078	401.09	0	48.850886	-86.932923	56550.04	56231.3	18.72	56568.76	56570.16797	56574.89539	56591.58594	504920.8	5410881.8
L4920.0	504920.8	5410883.3	41173.39844	401.34	0	48.850899	-86.932923	56549.88	56231.3	18.73	56568.61	56569.95703	56568.92689	56585.50000	504920.8	5410883.3
L4920.0	504920.8	5410885.0	41173.50000	401.61	0	48.850914	-86.932923	56550.22	56231.3	18.74	56568.95	56570.23047	56575.06628	56591.51563	504920.8	5410885.0
L4920.0	504920.8	5410885.0	41173.60156	403.08	0	48.850914	-86.932923	56550.16	56231.3	18.74	56568.90	56570.10938	56571.31076	56587.62891	504920.8	5410885.0
L4920.0	504920.8	5410886.3	41173.69922	407.22	0	48.850926	-86.932923	56550.12	56231.3	18.75	56568.87	56570.00781	56567.89813	56584.07422	504920.8	5410886.3
L4920.0	504920.8	5410887.7	41173.80078	410.01	0	48.850938	-86.932923	56550.29	56231.2	18.76	56569.04	56570.10156	56569.31781	56585.34375	504920.8	5410887.7
L4920.0	504920.8	5410889.1	41173.89844	410.29	0	48.850951	-86.932924	56550.52	56231.2	18.76	56569.29	56570.27344	56572.56139	56588.42969	504920.8	5410889.1
L4920.0	504920.8	5410889.1	41174.00000	409.77	0	48.850951	-86.932924	56550.19	56231.2	18.77	56568.96	56569.85938	56561.12435	56576.82813	504920.8	5410889.1
L4920.0	504920.7	5410890.9	41174.10156	410.36	0	48.850967	-86.932924	56550.57	56231.2	18.78	56569.35	56570.16406	56567.48792	56583.01953	504920.7	5410890.9
L4920.0	504920.7	5410892.3	41174.19922	410.07	0	48.850980	-86.932924	56550.65	56231.2	18.79	56569.44	56570.16797	56566.15014	56581.50000	504920.7	5410892.3
L4920.0	504920.7	5410892.3	41174.30078	410.16	0	48.850980	-86.932924	56550.52	56231.2	18.80	56569.32	56569.95703	56559.35099	56574.50781	504920.7	5410892.3
L4920.0	504920.7	5410894.3	41174.39844	413.76	0	48.850998	-86.932924	56550.68	56231.2	18.81	56569.49	56570.03125	56559.57747	56574.53516	504920.7	5410894.3
L4920.0	504920.7	5410895.7	41174.50000	415.75	0	48.851011	-86.932924	56551.16	56231.2	18.82	56569.98	56570.42188	56567.56998	56582.32031	504920.7	5410895.7
L4920.0	504920.7	5410897.3	41174.60156	414.79	0	48.851024	-86.932924	56551.06	56231.2	18.83	56569.89	56570.23047	56560.82565	56575.35938	504920.7	5410897.3
L4920.0	504920.7	5410898.8	41174.69922	415.16	0	48.851038	-86.932924	56551.16	56231.2	18.84	56570.00	56570.23438	56558.82944	56573.13672	504920.7	5410898.8
L4920.0	504920.7	5410898.8	41174.80078	415.70	0	48.851038	-86.932924	56551.44	56231.2	18.85	56570.29	56570.41797	56561.07212	56575.14453	504920.7	5410898.8
L4920.0	504920.7	5410900.0	41174.89844	414.43	0	48.851049	-86.932924	56551.39	56231.1	18.86	56570.25	56570.26563	56554.79802	56568.62891	504920.7	5410900.0
L4920.0	504920.7	5410902.0	41174.89844	414.43	0	48.851067	-86.932924	56551.44	56231.1	18.86	56570.30	56570.20313	56550.49474	56564.07031	504920.7	5410902.0
L4920.0	504920.7	5410902.0	41175.00000	415.92	0	48.851067	-86.932924	56551.88	56231.1	18.87	56570.75	56570.53516	56555.90070	56569.21484	504920.7	5410902.0
L4920.0	504920.7	5410904.1	41175.19922	415.16	0	48.851086	-86.932924	56551.97	56231.1	18.88	56570.85	56570.51563	56552.26205	56565.30859	504920.7	5410904.1
L4920.0	504920.7	5410905.4	41175.30078	417.88	0	48.851098	-86.932925	56551.88	56231.1	18.89	56570.76	56570.30078	56543.56835	56556.33203	504920.7	5410905.4
L4920.0	504920.7	5410905.4	41175.39844	417.85	0	48.851098	-86.932925	56552.38	56231.1	18.89	56571.28	56570.69531	56549.80458	56562.28125	504920.7	5410905.4
L4920.0	504920.7	5410906.9	41175.50000	417.67	0	48.851111	-86.932925	56552.48	56231.1	18.90	56571.38	56570.66406	56545.21904	56557.39844	504920.7	5410906.9
L4920.0	504920.7	5410908.7	41175.60156	414.71	0	48.851127	-86.932925	56552.54	56231.1	18.91	56571.44	56570.59375	56539.29983	56551.17188	504920.7	5410908.7
L4920.0	504920.7	5410908.7	41175.69922	414.22	0	48.851127	-86.932925	56552.72	56231.1	18.91	56571.63	56570.64844	56536.28667	56547.83984	504920.7	5410908.7
L4920.0	504920.6	5410910.9	41175.80078	413.84	0	48.851147	-86.932925	56553.23	56231.1	18.92	56572.14	56571.01953	56540.91917	56552.14844	504920.6	5410910.9
L4920.0	504920.6	5410912.2	41175.89844	414.99	0	48.851159	-86.932925	56553.33	56231.1	18.92	56572.25	56570.98828	56535.19364	56546.08594	504920.6	5410912.2
L4920.0	504920.6	5410913.8	41176.00000	415.95	0	48.851173	-86.932925	56553.53	56231.1	18.93	56572.46	56571.05469	56531.59763	56542.14844	504920.6	5410913.8
L4920.0	504920.6	5410915.6	41176.10156	418.10	0	48.851189	-86.932925	56553.89	56231.1	18.93	56572.82	56571.26953	56531.37203	56541.56641	504920.6	5410915.6
L4920.0	504920.6	5410915.6	41176.19922	418.75	0	48.851189	-86.932925	56554.58	56231.1	18.94	56573.52	56571.82031	56539.25684	56549.08984	504920.6	5410915.6
L4920.0	504920.6	5410917.1	41176.30078	418.84	0	48.851202	-86.932926	56555.45	56231.1	18.94	56574.39	56572.53906	56550.99476	56560.45703	504920.6	5410917.1
L4920.0	504920.6	5410918.6	41176.39844	418.36	0	48.851216	-86.932926	56555.38	56231.1	18.95	56574.32	56572.31250	56538.83546	56547.91406	504920.6	5410918.6
L4920.0	504920.6	5410918.6	41176.50000	417.81	0	48.851216	-86.932926	56555.93	56231.1	18.95	56574.88	56572.71484	56542.00928	56550.69922	504920.6	5410918.6
L4920.0	504920.6	5410920.9	41176.60156	418.11	0	48.851237	-86.932926	56556.01	56231	18.95	56574.97	56572.64844	56533.01609	56541.30859	504920.6	5410920.9
L4920.0	504920.5	5410922.4	41176.69922	414.72	0	48.851251	-86.932926	56556.32	56231	18.96	56575.27	56572.78516	56528.84300	56536.72656	504920.5	5410922.4
L4920.0	504920.5	5410923.9	41176.80078	413.23	0	48.851264	-86.932926	56556.57	56231	18.96	56575.53	56572.88281	56523.23404	56530.69922	504920.5	5410923.9
L4920.0	504920.5	5410923.9	41176.89844	410.41	0	48.851264	-86.932926	56557.39	56231	18.97	56576.35	56573.53516	56531.17723	56538.21875	504920.5	5410923.9

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4920.0	504920.6	5410925.5	41176.89844	410.41	0	48.851278	-86.932926	56558.00	56231	18.97	56576.97	56573.98438	56533.67070	56540.27734	504920.6	5410925.5
L4920.0	504920.6	5410925.5	41177.00000	410.83	0	48.851278	-86.932926	56558.31	56231	18.97	56577.28	56574.12500	56527.95803	56534.12109	504920.6	5410925.5
L4920.0	504920.6	5410927.2	41177.19922	409.22	0	48.851294	-86.932926	56559.32	56231	18.98	56578.30	56574.97266	56539.52484	56545.23828	504920.6	5410927.2
L4920.0	504920.6	5410929.1	41177.30078	406.34	0	48.851310	-86.932926	56559.45	56231	18.99	56578.44	56574.93750	56528.62594	56533.87891	504920.6	5410929.1
L4920.0	504920.6	5410930.5	41177.39844	405.47	0	48.851324	-86.932925	56560.40	56231	18.99	56579.39	56575.70703	56537.49254	56542.27734	504920.6	5410930.5
L4920.0	504920.6	5410932.5	41177.50000	405.40	0	48.851341	-86.932925	56560.66	56231	19.00	56579.65	56575.78906	56528.62934	56532.93750	504920.6	5410932.5
L4920.0	504920.6	5410932.5	41177.60156	406.26	0	48.851341	-86.932925	56561.70	56231	19.00	56580.70	56576.65625	56539.01962	56542.84375	504920.6	5410932.5
L4920.0	504920.6	5410934.3	41177.69922	406.30	0	48.851357	-86.932925	56562.31	56231	19.00	56581.32	56577.09375	56538.16661	56541.50000	504920.6	5410934.3
L4920.0	504920.6	5410935.8	41177.80078	408.07	0	48.851371	-86.932925	56562.85	56231	19.01	56581.86	56577.44922	56534.81243	56537.64453	504920.6	5410935.8
L4920.0	504920.6	5410935.8	41177.89844	409.32	0	48.851371	-86.932925	56563.56	56231	19.01	56582.58	56577.98438	56535.45019	56537.77734	504920.6	5410935.8
L4920.0	504920.6	5410937.3	41178.00000	406.85	0	48.851385	-86.932925	56564.71	56231	19.02	56583.73	56578.94531	56546.32342	56548.13281	504920.6	5410937.3
L4920.0	504920.6	5410938.8	41178.10156	405.45	0	48.851398	-86.932925	56564.94	56231	19.03	56583.97	56578.99609	56533.93757	56535.22656	504920.6	5410938.8
L4920.0	504920.6	5410938.8	41178.19922	404.68	0	48.851398	-86.932925	56566.06	56231	19.03	56585.10	56579.93359	56543.27565	56544.03516	504920.6	5410938.8
L4920.0	504920.6	5410940.3	41178.30078	404.50	0	48.851411	-86.932925	56566.54	56231	19.04	56585.58	56580.22266	56535.84534	56536.07031	504920.6	5410940.3
L4920.0	504920.6	5410942.0	41178.39844	402.61	0	48.851427	-86.932925	56567.50	56231	19.04	56586.54	56580.98828	56539.88535	56539.56641	504920.6	5410942.0
L4920.0	504920.6	5410943.5	41178.50000	399.47	0	48.851440	-86.932925	56568.44	56230.9	19.05	56587.49	56581.74219	56543.14658	56542.27734	504920.6	5410943.5
L4920.0	504920.6	5410943.5	41178.60156	399.04	0	48.851440	-86.932925	56569.25	56230.9	19.06	56588.31	56582.36719	56542.62770	56541.20313	504920.6	5410943.5
L4920.0	504920.6	5410945.0	41178.69922	398.94	0	48.851454	-86.932925	56570.09	56230.9	19.06	56589.16	56583.01953	56542.32582	56540.33984	504920.6	5410945.0
L4920.0	504920.6	5410947.0	41178.80078	397.61	0	48.851472	-86.932925	56571.34	56230.9	19.07	56590.41	56584.07031	56551.48700	56548.93359	504920.6	5410947.0
L4920.0	504920.6	5410948.5	41178.89844	394.48	0	48.851485	-86.932925	56571.93	56230.9	19.07	56591.01	56584.47266	56543.86814	56540.74219	504920.6	5410948.5
L4920.0	504920.6	5410949.8	41178.89844	394.48	0	48.851497	-86.932925	56572.98	56230.9	19.07	56592.05	56585.31250	56546.71112	56543.00781	504920.6	5410949.8
L4920.0	504920.6	5410949.8	41179.10156	396.28	0	48.851497	-86.932925	56573.87	56230.9	19.08	56592.95	56586.01172	56545.52047	56541.23438	504920.6	5410949.8
L4920.0	504920.6	5410951.3	41179.19922	396.74	0	48.851511	-86.932926	56574.79	56230.9	19.08	56593.88	56586.74219	56544.54585	56539.67188	504920.6	5410951.3
L4920.0	504920.5	5410952.6	41179.30078	397.23	0	48.851522	-86.932926	56576.32	56230.9	19.08	56595.40	56588.05859	56557.78466	56552.31641	504920.5	5410952.6
L4920.0	504920.5	5410952.6	41179.39844	398.67	0	48.851522	-86.932926	56577.21	56230.9	19.08	56596.30	56588.75781	56554.99774	56548.93359	504920.5	5410952.6
L4920.0	504920.5	5410954.1	41179.39844	398.67	0	48.851536	-86.932926	56578.29	56230.9	19.08	56597.37	56589.62500	56555.93203	56549.26563	504920.5	5410954.1
L4920.0	504920.5	5410956.0	41179.60156	400.41	0	48.851553	-86.932926	56579.18	56230.9	19.09	56598.27	56590.32031	56552.09328	56544.82031	504920.5	5410956.0
L4920.0	504920.5	5410957.7	41179.69922	400.33	0	48.851569	-86.932926	56580.54	56230.9	19.09	56599.62	56591.46875	56558.98092	56551.10156	504920.5	5410957.7
L4920.0	504920.5	5410959.7	41179.80078	400.58	0	48.851586	-86.932926	56581.66	56230.9	19.09	56600.75	56592.39844	56559.85439	56551.36328	504920.5	5410959.7
L4920.0	504920.5	5410959.7	41179.89844	400.58	0	48.851586	-86.932926	56582.78	56230.9	19.09	56601.87	56593.31250	56559.96742	56550.85938	504920.5	5410959.7
L4920.0	504920.5	5410961.6	41180.00000	401.69	0	48.851603	-86.932926	56583.88	56230.9	19.09	56602.97	56594.21094	56559.07601	56549.35156	504920.5	5410961.6
L4920.0	504920.5	5410963.0	41180.00000	401.16	0	48.851615	-86.932926	56585.23	56230.9	19.09	56604.32	56595.35938	56563.93480	56553.59375	504920.5	5410963.0
L4920.0	504920.5	5410963.0	41180.19922	405.59	0	48.851615	-86.932926	56586.48	56230.9	19.10	56605.58	56596.41797	56566.05358	56555.08984	504920.5	5410963.0
L4920.0	504920.5	5410964.6	41180.30078	405.59	0	48.851630	-86.932926	56587.83	56230.9	19.10	56606.94	56597.57813	56570.18902	56558.60156	504920.5	5410964.6
L4920.0	504920.5	5410966.2	41180.39844	404.43	0	48.851644	-86.932926	56588.98	56230.9	19.11	56608.09	56598.52734	56568.60209	56556.39063	504920.5	5410966.2
L4920.0	504920.5	5410966.2	41180.50000	403.83	0	48.851644	-86.932926	56590.48	56230.9	19.11	56609.60	56599.83594	56575.54814	56562.71094	504920.5	5410966.2
L4920.0	504920.5	5410968.3	41180.60156	401.24	0	48.851663	-86.932926	56591.94	56230.9	19.12	56611.06	56601.09766	56580.79036	56567.32813	504920.5	5410968.3
L4920.0	504920.5	5410968.3	41180.69922	400.13	0	48.851663	-86.932926	56593.09	56230.9	19.13	56612.22	56602.05859	56578.09151	56564.00391	504920.5	5410968.3
L4920.0	504920.5	5410971.4	41180.80078	402.88	0	48.851691	-86.932926	56594.54	56230.9	19.13	56613.67	56603.31250	56582.20899	56567.49609	504920.5	5410971.4
L4920.0	504920.5	5410971.4	41180.89844	408.24	0	48.851691	-86.932926	56596.02	56230.9	19.14	56615.15	56604.59375	56586.65713	56571.31641	504920.5	5410971.4
L4920.0	504920.5	5410973.1	41180.89844	408.24	0	48.851706	-86.932926	56597.71	56230.9	19.14	56616.85	56606.10156	56596.19772	56580.23047	504920.5	5410973.1
L4920.0	504920.5	5410973.1	41181.10156	408.13	0	48.851706	-86.932926	56599.29	56230.9	19.14	56618.43	56607.48438	56602.34717	56585.75781	504920.5	5410973.1
L4920.0	504920.5	5410974.8	41181.19922	408.23	0	48.851722	-86.932926	56600.59	56230.9	19.14	56619.73	56608.59375	56601.12129	56583.90625	504920.5	5410974.8
L4920.0	504920.5	5410976.6	41181.30078	408.65	0	48.851738	-86.932926	56602.31	56230.9	19.14	56621.45	56610.12109	56610.03042	56592.19531	504920.5	5410976.6
L4920.0	504920.5	5410976.6	41181.39844	407.04	0	48.851738	-86.932926	56603.60	56230.9	19.14	56622.74	56611.22266	56607.84686	56589.39453	504920.5	5410976.6
L4920.0	504920.5	5410978.1	41181.50000	410.28	0	48.851751	-86.932926	56605.32	56230.9	19.14	56624.46	56612.75391	56616.08124	56597.01172	504920.5	5410978.1
L4920.0	504920.5	5410979.8	41181.60156	409.31	0	48.851767	-86.932926	56606.82	56230.9	19.14	56625.96	56614.07031	56618.50585	56598.82031	504920.5	5410979.8
L4920.0	504920.5	5410981.3	41181.69922	408.81	0	48.851780	-86.932926	56608.56	56230.9	19.14	56627.70	56615.62500	56626.63564	56606.33984	504920.5	5410981.3
L4920.0	504920.5	5410981.3	41181.80078	412.61	0	48.851780	-86.932926	56610.08	56230.9	19.14	56629.22	56616.96484	56628.99293	56608.08984	504920.5	5410981.3
L4920.0	504920.5	5410983.4	41181.89844	409.60	0	48.851799	-86.932926	56611.62	56230.9	19.14	56630.76	56618.32422	56631.59563	56610.08984	504920.5	5410983.4
L4920.0	504920.5	5410984.5	41182.00000	410.38	0	48.851809	-86.932926	56613.05	56230.9	19.14	56632.19	56619.57422	56631.21501	56609.10938	504920.5	5410984.5
L4920.0	504920.5	5410984.5	41182.10156	408.75	0	48.851809	-86.932926	56614.78	56230.9	19.14	56633.92	56621.12891	56638.11906	56615.41797	504920.5	5410984.5
L4920.0	504920.4	5410985.7	41182.19922	405.07	0	48.851820	-86.932927	56616.28	56230.9	19.14	56635.42	56622.45703	56639.08321	56615.78906	504920.4	5410985.7
L4920.0	504920.4	5410987.5	41182.30078	404.35	0	48.851836	-86.932927	56617.85	56230.9	19.13	56636.98	56623.84766	56641.37755	56617.50000	504920.4	5410987.5
L4920.0	504920.4	5410989.2	41182.39844	407.93	0	48.851852	-86.932927	56619.47	56230.9	19.13	56638.60	56625.29688	56645.02484	56620.56641	504920.4	5410989.2
L4920.0	504920.4	5410989.2	41182.50000	408.79	0	48.851852	-86.932927	56621.16	56230.9	19.13	56640.29	56626.82422	56650.29834	56625.26563	504920.4	5410989.2
L4920.0	504920.4	5410990.5	41182.60156	406.83	0	48.851863	-86.932928	56623.00	56230.9	19.13	56642.12	56628.49219	56658.97138	56633.37109	504920.4	5410990.5
L4920.0	504920.4	5410992.0	41182.69922	407.28	0	48.851877	-86.932928	56624.53	56230.9	19.13	56643.65	56629.85938	56660.07150	56633.91016	504920.4	5410992.0
L4920.0	504920.4	5410992.0	41182.80078	409.42	0	48.851877	-86.932928	56626.19	56230.9	19.12	56645.32	56631.37500	56664.62030	56637.90625	504920.4	5410992.0
L4920.0	504920.3	5410994.0	41182.89844	410.00	0	48.851895	-86.932928	56627.91	56230.9	19.12	56647.03	56632.92969	56670.14377	56642.87891	504920.3	5410994.0
L4920.0	504920.3	5410995.5	41182.89844	410.00	0	48.851908	-86.932929	56629.53	56230.9	19.12	56648.65	56634.39844	56673.41847	56645.61328	504920.3	5410995.5
L4920.0	504920.3	5410996.9	41183.00000	406.51	0	48.851921	-86.932929	56630.82	56230.9	19.12	56649.94	56635.54297	56668.47215	56640.13672	504920.3	5410996.9
L4920.0	504920.3	5410996.9	41183.19922	404.96	0	48.851921	-86.932929	56633.00	56230.9	19.11	56652.11	56637.56641	56685.57234	56656.71094	504920.3	5410996.9
L4920.0	504920.3	5410998.4	41183.30078	407.48	0	48.851934	-86.932929	56634.56	56230.9	19.11	56653.67	56638.98828	56687.50648	56658.12891	504920.3	5410998.4
L4920.0	504920.2	5411000.1	41183.39844	407.68	0	48.851949	-86.932930	56635.96	56230.9	19.11	56655.07	56640.25000	56685.54815	56655.66406	504920.2	5411000.1
L4920.0	504920.2	5411001.9	41183.50000	405.04	0	48.851966	-86.932930	56637.87	56230.9	19.10	56656.98	56642.02344	56696.46953	56666.08984	504920.2	5411001.9
L4920.0	504920.2	5411001.9	41183.60156	405.45	0	48.851966	-86.932930	56639.19	56230.9	19.10	56658.29	56643.20313	56692.55589	56661.68359	504920.2	5411001.9
L4920.0	504920.2	5411003.3	41183.69922	406.12	0	48.851978	-86.932930	56641.16	56230.9	19.10	56660.26	56645.04688	56705.32543	56673.97656	504920.2	5411003.3
L4920.0	504920.1	5411005.0	41183.80078	406.91	0	48.851994	-86.932931	56642.36	56230.9	19.10	56661.45	56646.11328	56698.81599	56666.99609	504920.1	5411005.0
L4920.0	504920.1	5411005.0	41183.89844	406.32	0	48.851994	-86.932931	56644.23	56230.9	19.09	56663.32	56647.86719	56709.54439	56677.26563	504920.1	5411005.0
L4920.0	504920.1	5411006.3	41184.00000	405.61	0	48.852005	-86.932931	56645.92	56230.9	19.09	56665.01	56649.44141	56716.04426	56683.31641	504920.1	5411006.3
L4920.0	504920.0	5411008.4	41184.10156	407.60	0	48.852025	-86.932932	56647.43	56230.9	19.09	56666.52	56650.83984	56718.34294	56685.17578	504920.0	5411008.4
L4920.0	504920.0	5411009.9	41184.19922	411.00	0	48.852038	-86.932933	56649.11	56230.9	19.09	56668.20	56652.41406	56725.21508	56691.62109	504920.0	5411009.9
L4920.0	504920.0	5411009.9	41184.30078	413.13	0	48.852038	-86.932933	56650.31	56230.9	19.10	56669.40	56653.50781	56720.44242	56686.42969	504920.0	5411009.9
L4920.0	504919.9	5411011.6	41184.39844	413.27	0	48.852053	-86.932933	56652.45	56230.9	19.10	56671.55	56655.55859	56739.79139	56705.37500	504919.9	5411011.6
L4920.0	504919.9	5411013.0	41184.50000	411.99	0	48.852065	-86.932934	56653.86	56230.9	19.10	56672.96	56656.87500	56741.05079	56706.23828	504919.9	5411013.0
L4920.0	504919.9	5411014.2	41184.60156	413.08	0	48.852076	-86.932934	56655.29	56230.9	19.10	56674.39	56658.21484	56743.24132	56708.04688	504919.9	5411014.2
L4920.0	504919.9	5411016.0	41184.69922	414.08	0	48.852093	-86.932934	56656.84	56230.9	19.10	56675.94	56659.67969	56748.88810	56713.32422	504919.9	5411016.0
L4920.0	504919.9	5411016.0	41184.80078	411.25	0	48.852093	-86.932934	56658.40	56230.9	19.11	56677.50	56661.15625	56755.26733	56719.34375	504919.9	5411016.0
L4920.0	504919.8	5411017.8	41184.89844	411.12	0	48.852109	-86.932935	56659.49	56230.9	19.11	56678.60	56662.17969	56750.65738	56714.39063	504919.8	5411017.8
L4920.0	504919.8	5411019.6	41184.89844	411.12	0	48.852125	-86.932935	56661.36	56230.9	19.11	56680.47	56663.97656	56765.82372	56729.22266	504919.8	5411019.6
L4920.0	504919.8	5411019.6	41185.00000	413.23	0	48.852125	-86.932935	56663.02	56230.9	19.11	56682.13	56665.56641	56776.29733	56739.37500	504919.8	5411019.6
L4920.0	504919.8	5411021.0	41185.19922	412.89	0	48.852138	-86.932935	56664.21	56230.9	19.11	56683.31	56666.68359	56775.35339	56738.12109	504919.8	5411021.0
L4920.0	504919.8	5411023.0	41185.30078	414.07	0	48.852156	-86.932935	56665.52	56230.9	19.10	56684.62	56667.93359	56778.26003	56740.73438	504919.8	5411023.0
L4920.0	504919.8	5411023.0	41185.39844	411.41	0	48.852156	-86.932935	56667.21	56230.9	19.10	56686.31	56669.57031	56791.28727	56753.48047	504919.8	5411023.0
L4920.0	504919.8	5411024.8	41185.50000	410.57	0	48.852172	-86.932935	56668.63	56230.9	19.10	56687.73	56670.93750	56798.21092	56760.13281	504919.8	5411024.8
L4920.0	504919.8	5411026.1	41185.60156	409.43	0	48.852184	-86.932936	56669.68	56230.9	19.10	56688.78	56671.94531	56796.55196	56758.21875	504919.8	5411026.1
L4920.0	504919.7	5411027.8	41185.69922	410.18	0	48.852199	-86.932936	56671.21	56230.9	19.10	56690.30	56673.42188	56807.32373	56768.75000	504919.7	5411027.8
L4920.0	504919.7	5411027.8	41185.80078	409.13	0	48.852199	-86.932936	56672.44	56230.9	19.09	56691.53	56674.61719	56811.55026	56772.74609	504919.7	5411027.8
L4920.0	504919.7	5411029.4	41185.89844	406.54	0	48.852213	-86.932936	56673.42	56230.9	19.09	56692.51	56675.56641	56810.24886	56771.23047	504919.7	5411029.4
L4920.0	504919.7	5411031.0	41186.00000	405.70	0	48.852228	-86.932936	56674.96	56230.9	19.09	56694.05	56677.07813	56823.68028	56784.46094	504919.7	5411031.0
L4920.0	504919.7	5411032.5	41186.10156	406.01	0	48.852241	-86.932936	56676.06	56230.9	19.08	56695.14	56678.14844	56826.61745	56787.21094	504919.7	5411032.5
L4920.0	504919.7	5411032.5	41186.19922	405.99	0	48.852241	-86.932936	56676.96	56230.9	19.08	56696.04	56679.03125	56825.57307	56785.99219	504919.7	5411032.5

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4920.0	504919.7	5411034.3	41186.30078	405.98	0	48.852257	-86.932936	56678.27	56230.9	19.07	56697.34	56680.31641	56835.30633	56795.56641	504919.7	5411034.3
L4920.0	504919.7	5411036.0	41186.39844	408.07	0	48.852272	-86.932936	56679.25	56230.9	19.07	56698.32	56681.28906	56837.83486	56797.94922	504919.7	5411036.0
L4920.0	504919.7	5411036.0	41186.50000	408.62	0	48.852272	-86.932936	56680.16	56230.9	19.07	56699.23	56682.19922	56839.41809	56799.39844	504919.7	5411036.0
L4920.0	504919.7	5411037.2	41186.60156	408.56	0	48.852284	-86.932936	56681.59	56230.9	19.06	56700.65	56683.62109	56854.56188	56814.42578	504919.7	5411037.2
L4920.0	504919.7	5411039.3	41186.69922	407.85	0	48.852302	-86.932936	56682.01	56230.9	19.06	56701.07	56684.04688	56845.53612	56805.29688	504919.7	5411039.3
L4920.0	504919.7	5411039.3	41186.80078	406.19	0	48.852302	-86.932936	56683.38	56230.9	19.05	56702.43	56685.41797	56860.83440	56820.50391	504919.7	5411039.3
L4920.0	504919.7	5411041.0	41186.89844	405.16	0	48.852318	-86.932936	56684.24	56231	19.04	56703.29	56686.29688	56864.47364	56824.06641	504919.7	5411041.0
L4920.0	504919.7	5411041.0	41186.89844	405.16	0	48.852318	-86.932936	56684.77	56231	19.04	56703.81	56686.83984	56860.45792	56819.98828	504919.7	5411041.0
L4920.0	504919.8	5411043.2	41187.00000	404.04	0	48.852337	-86.932935	56686.01	56231	19.04	56705.05	56688.10547	56875.28350	56834.76172	504919.8	5411043.2
L4920.0	504919.8	5411044.9	41187.19922	405.26	0	48.852352	-86.932935	56686.54	56231	19.04	56705.58	56688.66406	56873.21349	56832.65625	504919.8	5411044.9
L4920.0	504919.8	5411046.1	41187.30078	405.58	0	48.852364	-86.932935	56687.39	56231	19.04	56706.43	56689.55078	56879.99182	56839.41406	504919.8	5411046.1
L4920.0	504919.8	5411047.4	41187.39844	408.28	0	48.852375	-86.932935	56688.07	56231	19.04	56707.11	56690.27344	56883.37223	56842.78906	504919.8	5411047.4
L4920.0	504919.8	5411047.4	41187.50000	408.80	0	48.852375	-86.932935	56688.54	56231	19.04	56707.57	56690.77734	56882.10395	56841.52344	504919.8	5411047.4
L4920.0	504919.8	5411048.9	41187.60156	409.44	0	48.852388	-86.932934	56689.25	56231	19.03	56708.29	56691.54688	56888.18110	56847.62109	504919.8	5411048.9
L4920.0	504919.8	5411048.9	41187.69922	410.46	0	48.852388	-86.932934	56689.74	56231	19.03	56708.77	56692.08203	56889.10365	56848.57422	504919.8	5411048.9
L4920.0	504919.9	5411050.5	41187.80078	411.25	0	48.852403	-86.932934	56690.14	56231	19.03	56709.17	56692.54297	56888.86549	56848.38281	504919.9	5411050.5
L4920.0	504919.9	5411052.0	41187.89844	411.66	0	48.852417	-86.932934	56690.92	56231	19.03	56709.95	56693.38672	56898.95710	56858.53516	504919.9	5411052.0
L4920.0	504919.9	5411053.3	41188.00000	412.35	0	48.852428	-86.932933	56690.75	56231	19.03	56709.78	56693.28516	56886.13072	56845.78125	504919.9	5411053.3
L4920.0	504919.9	5411053.3	41188.10156	412.74	0	48.852428	-86.932933	56691.55	56231	19.03	56710.58	56694.15625	56898.36374	56858.09766	504919.9	5411053.3
L4920.0	504919.9	5411055.3	41188.19922	413.42	0	48.852446	-86.932933	56691.65	56231	19.03	56710.69	56694.34375	56894.15835	56853.98828	504919.9	5411055.3
L4920.0	504920.0	5411057.4	41188.30078	415.24	0	48.852465	-86.932932	56691.75	56231	19.04	56710.79	56694.52734	56890.49858	56850.44141	504920.0	5411057.4
L4920.0	504920.0	5411057.4	41188.39844	416.89	0	48.852465	-86.932932	56692.19	56231	19.04	56711.23	56695.05469	56896.11967	56856.18359	504920.0	5411057.4
L4920.0	504920.0	5411060.4	41188.50000	417.16	0	48.852492	-86.932932	56692.24	56231	19.04	56711.28	56695.19531	56892.76360	56852.96484	504920.0	5411060.4
L4920.0	504920.0	5411060.4	41188.60156	416.72	0	48.852492	-86.932932	56692.25	56231	19.04	56711.30	56695.30859	56889.41332	56849.76172	504920.0	5411060.4
L4920.0	504920.0	5411062.4	41188.69922	415.03	0	48.852510	-86.932931	56692.65	56231	19.04	56711.70	56695.80859	56896.30034	56856.80859	504920.0	5411062.4
L4920.0	504920.0	5411062.4	41188.80078	412.99	0	48.852510	-86.932931	56692.34	56231	19.05	56711.39	56695.60156	56886.16603	56846.84375	504920.0	5411062.4
L4920.0	504920.1	5411063.7	41188.89844	410.82	0	48.852521	-86.932931	56692.71	56231	19.05	56711.76	56696.08203	56893.73277	56854.59375	504920.1	5411063.7
L4920.0	504920.1	5411064.9	41188.89844	410.82	0	48.852533	-86.932931	56692.04	56231	19.05	56711.08	56695.51172	56875.74464	56836.80078	504920.1	5411064.9
L4920.0	504920.1	5411066.4	41189.10156	410.71	0	48.852546	-86.932930	56692.29	56231	19.05	56711.34	56695.88672	56881.91777	56843.17969	504920.1	5411066.4
L4920.0	504920.1	5411066.4	41189.19922	410.09	0	48.852546	-86.932930	56691.96	56231	19.05	56711.00	56695.66797	56873.74308	56835.22266	504920.1	5411066.4
L4920.0	504920.1	5411068.2	41189.30078	411.03	0	48.852562	-86.932930	56691.93	56231	19.04	56710.98	56695.77344	56874.19278	56835.89844	504920.1	5411068.2
L4920.0	504920.1	5411069.7	41189.39844	410.57	0	48.852576	-86.932930	56691.47	56231	19.04	56710.51	56695.42969	56864.00061	56825.94531	504920.1	5411069.7
L4920.0	504920.1	5411069.7	41189.50000	410.15	0	48.852576	-86.932930	56691.12	56231	19.04	56710.16	56695.21094	56857.38983	56819.58594	504920.1	5411069.7
L4920.0	504920.2	5411072.6	41189.60156	410.07	0	48.852602	-86.932929	56690.69	56231	19.04	56709.73	56694.91797	56849.33862	56811.79297	504920.2	5411072.6
L4920.0	504920.2	5411072.6	41189.69922	409.14	0	48.852602	-86.932929	56690.24	56231	19.04	56709.27	56694.59375	56841.07274	56803.79688	504920.2	5411072.6
L4920.0	504920.2	5411073.9	41189.80078	409.88	0	48.852613	-86.932929	56689.79	56231	19.03	56708.82	56694.28906	56833.56743	56796.57031	504920.2	5411073.9
L4920.0	504920.2	5411073.9	41189.89844	411.34	0	48.852613	-86.932929	56689.71	56231	19.03	56708.75	56694.36328	56836.04505	56799.33594	504920.2	5411073.9
L4920.0	504920.2	5411076.0	41190.00000	410.84	0	48.852632	-86.932929	56688.69	56231	19.03	56707.72	56693.48438	56814.98992	56778.57813	504920.2	5411076.0
L4920.0	504920.2	5411077.3	41190.10156	410.24	0	48.852644	-86.932929	56687.95	56231	19.02	56706.97	56692.88672	56801.36722	56765.26172	504920.2	5411077.3
L4920.0	504920.2	5411078.8	41190.19922	409.80	0	48.852657	-86.932928	56687.59	56231	19.02	56706.60	56692.67188	56797.65006	56761.85938	504920.2	5411078.8
L4920.0	504920.2	5411080.3	41190.30078	407.39	0	48.852671	-86.932928	56687.12	56231	19.01	56706.13	56692.35938	56791.81550	56756.35156	504920.2	5411080.3
L4920.0	504920.2	5411080.3	41190.39844	406.14	0	48.852671	-86.932928	56686.70	56231	19.01	56705.71	56692.10156	56787.58580	56752.45313	504920.2	5411080.3
L4920.0	504920.3	5411081.8	41190.50000	407.36	0	48.852685	-86.932928	56686.19	56231	19.00	56705.19	56691.75000	56781.18523	56746.39063	504920.3	5411081.8
L4920.0	504920.3	5411083.6	41190.60156	406.52	0	48.852701	-86.932928	56685.83	56231	18.99	56704.83	56691.55469	56779.08498	56744.64063	504920.3	5411083.6
L4920.0	504920.3	5411083.6	41190.69922	408.22	0	48.852701	-86.932928	56685.24	56231	18.99	56704.23	56691.12891	56771.26100	56737.17188	504920.3	5411083.6
L4920.0	504920.3	5411085.1	41190.80078	408.70	0	48.852715	-86.932928	56684.51	56231	18.98	56703.49	56690.56250	56760.18560	56726.46094	504920.3	5411085.1
L4920.0	504920.3	5411086.9	41190.89844	407.82	0	48.852730	-86.932927	56684.14	56231	18.98	56703.12	56690.36719	56758.57821	56725.22266	504920.3	5411086.9
L4920.0	504920.3	5411086.9	41190.89844	407.82	0	48.852730	-86.932927	56683.28	56231	18.98	56702.25	56689.67578	56744.66839	56711.69141	504920.3	5411086.9
L4920.0	504920.3	5411088.7	41191.10156	407.93	0	48.852747	-86.932927	56682.72	56231	18.97	56701.69	56689.30078	56738.67369	56706.07813	504920.3	5411088.7
L4920.0	504920.3	5411090.5	41191.19922	407.33	0	48.852763	-86.932927	56682.09	56231	18.97	56701.06	56688.85156	56731.07056	56698.86719	504920.3	5411090.5
L4920.0	504920.3	5411090.5	41191.30078	409.57	0	48.852763	-86.932927	56681.34	56231	18.97	56700.31	56688.28906	56720.58333	56688.77344	504920.3	5411090.5
L4920.0	504920.3	5411092.3	41191.39844	410.33	0	48.852779	-86.932927	56680.70	56231	18.97	56699.67	56687.83984	56712.93466	56681.52734	504920.3	5411092.3
L4920.0	504920.4	5411094.0	41191.50000	409.11	0	48.852794	-86.932926	56680.02	56231	18.97	56698.99	56687.34766	56704.35035	56673.34766	504920.4	5411094.0
L4920.0	504920.4	5411095.4	41191.60156	409.62	0	48.852807	-86.932926	56679.32	56231	18.97	56698.29	56686.84375	56695.30545	56664.71484	504920.4	5411095.4
L4920.0	504920.4	5411097.1	41191.69922	409.67	0	48.852822	-86.932926	56678.62	56231	18.97	56697.59	56686.33594	56686.27548	56656.10156	504920.4	5411097.1
L4920.0	504920.4	5411097.1	41191.80078	409.83	0	48.852822	-86.932926	56678.20	56231	18.97	56697.17	56686.11328	56684.23463	56654.48047	504920.4	5411097.1
L4920.0	504920.4	5411098.7	41191.89844	408.81	0	48.852836	-86.932926	56677.23	56231	18.97	56696.20	56685.34375	56668.41576	56639.08984	504920.4	5411098.7
L4920.0	504920.4	5411099.9	41192.00000	408.57	0	48.852848	-86.932926	56676.52	56231	18.97	56695.49	56684.83203	56659.04043	56630.14063	504920.4	5411099.9
L4920.0	504920.4	5411101.7	41192.10156	410.18	0	48.852863	-86.932925	56676.14	56231	18.97	56695.11	56684.65625	56657.83626	56629.37109	504920.4	5411101.7
L4920.0	504920.4	5411101.7	41192.19922	410.80	0	48.852863	-86.932925	56675.64	56231	18.97	56694.61	56684.35938	56653.53538	56625.50781	504920.4	5411101.7
L4920.0	504920.5	5411103.6	41192.30078	410.21	0	48.852880	-86.932925	56675.24	56231	18.97	56694.21	56684.16406	56651.61578	56624.02734	504920.5	5411103.6
L4920.0	504920.5	5411104.9	41192.39844	408.40	0	48.852892	-86.932925	56675.17	56231	18.97	56694.14	56684.30078	56657.80618	56630.66016	504920.5	5411104.9
L4920.0	504920.5	5411106.3	41192.50000	407.72	0	48.852905	-86.932925	56674.47	56231	18.97	56693.44	56683.80859	56648.09475	56621.39453	504920.5	5411106.3
L4920.0	504920.5	5411106.3	41192.60156	408.78	0	48.852905	-86.932925	56674.24	56231	18.97	56693.21	56683.78906	56649.95555	56623.70703	504920.5	5411106.3
L4920.0	504920.5	5411107.7	41192.69922	406.45	0	48.852917	-86.932925	56673.42	56231	18.97	56692.39	56683.17969	56636.87921	56611.08203	504920.5	5411107.7
L4920.0	504920.5	5411108.8	41192.80078	407.46	0	48.852927	-86.932925	56673.72	56231	18.97	56692.69	56683.69141	56651.58713	56626.24219	504920.5	5411108.8
L4920.0	504920.5	5411110.0	41192.89844	404.97	0	48.852938	-86.932925	56673.20	56231	18.97	56692.17	56683.38281	56645.57813	56620.68750	504920.5	5411110.0
L4920.0	504920.5	5411111.4	41192.89844	404.97	0	48.852950	-86.932925	56673.09	56231	18.97	56692.06	56683.48438	56649.57897	56625.14453	504920.5	5411111.4
L4920.0	504920.5	5411111.4	41193.00000	405.51	0	48.852950	-86.932925	56672.62	56231	18.97	56691.59	56683.23047	56644.33185	56620.35547	504920.5	5411111.4
L4920.0	504920.5	5411112.9	41193.19922	406.67	0	48.852964	-86.932925	56672.52	56231	18.97	56691.49	56683.34375	56648.06908	56624.55078	504920.5	5411112.9
L4920.0	504920.5	5411114.0	41193.30078	406.60	0	48.852974	-86.932925	56672.41	56231	18.97	56691.38	56683.44922	56651.28199	56628.22266	504920.5	5411114.0
L4920.0	504920.5	5411114.0	41193.39844	406.79	0	48.852974	-86.932925	56671.88	56231	18.97	56690.85	56683.13281	56643.71310	56621.11719	504920.5	5411114.0
L4920.0	504920.5	5411115.5	41193.50000	404.97	0	48.852988	-86.932925	56672.11	56231	18.97	56691.08	56683.57813	56654.84439	56632.70703	504920.5	5411115.5
L4920.0	504920.4	5411116.9	41193.60156	406.05	0	48.853001	-86.932925	56671.52	56231	18.97	56690.49	56683.20703	56645.17886	56623.50391	504920.4	5411116.9
L4920.0	504920.4	5411118.4	41193.69922	407.86	0	48.853013	-86.932925	56671.70	56231	18.97	56690.67	56683.60156	56654.44750	56633.23438	504920.4	5411118.4
L4920.0	504920.4	5411118.4	41193.80078	407.79	0	48.853013	-86.932925	56671.41	56231	18.97	56690.38	56683.53125	56651.65281	56630.90234	504920.4	5411118.4
L4920.0	504920.4	5411120.0	41193.89844	410.35	0	48.853028	-86.932926	56671.56	56231	18.97	56690.53	56683.89844	56659.53267	56639.24219	504920.4	5411120.0
L4920.0	504920.4	5411120.8	41194.00000	410.89	0	48.853035	-86.932926	56671.52	56231	18.97	56690.49	56684.07422	56662.33712	56642.50781	504920.4	5411120.8
L4920.0	504920.4	5411122.0	41194.10156	410.97	0	48.853046	-86.932926	56671.48	56231	18.97	56690.46	56684.26172	56665.06113	56645.69141	504920.4	5411122.0
L4920.0	504920.4	5411122.0	41194.19922	410.51	0	48.853046	-86.932926	56671.67	56231	18.97	56690.64	56684.66016	56672.70061	56653.79297	504920.4	5411122.0
L4920.0	504920.3	5411123.0	41194.30078	408.70	0	48.853055	-86.932926	56671.59	56231	18.98	56690.57	56684.80469	56673.75721	56655.30859	504920.3	5411123.0
L4920.0	504920.3	5411124.2	41194.39844	408.04	0	48.853066	-86.932927	56671.77	56231	18.98	56690.75	56685.20313	56680.72651	56662.73438	504920.3	5411124.2
L4920.0	504920.3	5411125.5	41194.50000	407.81	0	48.853077	-86.932927	56671.64	56231	18.98	56690.62	56685.28906	56679.61269	56662.07422	504920.3	5411125.5
L4920.0	504920.3	5411126.0	41194.60156	408.06	0	48.853083	-86.932927	56671.67	56231	18.98	56690.65	56685.53516	56682.16331	56665.08203	504920.3	5411126.0
L4920.0	504920.3	5411127.1	41194.69922	408.65	0	48.853092	-86.932927	56671.70	56231	18.98	56690.68	56685.78125	56684.38137	56667.75391	504920.3	5411127.1
L4920.0	504920.2	5411128.4	41194.80078	410.23	0	48.853104	-86.932928	56671.67	56231	18.99	56690.65	56685.96484	56684.76994	56668.59375	504920.2	5411128.4
L4920.0	504920.2	5411128.4	41194.89844	409.95	0	48.853104	-86.932928	56671.59	56231	18.99	56690.58	56686.10938	56683.83233	56668.10547	504920.2	5411128.4
L4920.0	504920.2	5411130.4	41194.89844	409.95	0	48.853122	-86.932928	56671.88	56231	18.99	56690.86	56686.60547	56691.31992	56676.04297	504920.2	5411130.4
L4920.0	504920.2	5411131.0	41195.00000	410.53	0	48.853127	-86.932928	56672.11	56231	18.99	56691.10	56687.05859	56697.49047	56682.66016	504920.2	5411131.0
L4920.0	504920.2	5411131.0	41195.19922	407.86	0	48.853127	-86.932928	56672.16	56231	18.99	56691.14	56687.30859	56698.35079	56683.96484	504920.2	5411131.0
L4920.0	504920.2	5411132.1	41195.30078	409.11	0	48.853137	-86.932929	56672.42	56231	18.98	56691.41	56687.78906	56704.65407	56690.71094	504920.2	5411132.1
L4920.0	504920.2	5411133.1	41195.39844	408.34	0	48.853146	-86.932929	56672.44	56231	18.98	56691.42	56688.01172	56704.16082	56690.65625	504920.2	5411133.1
L4920.0	504920.1	5411134.1	41195.50000	407.21	0	48.853155	-86.932929	56673.00	56231	18.98	56691.98	56688.78125	56717.12268	56704.05469	504920.1	5411134.1

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4920.0	504920.1	5411134.1	41195.60156	408.42	0	48.853155	-86.932929	56672.78	56231	18.98	56691.76	56688.76953	56710.30741	56697.67578	504920.1	5411134.1
L4920.0	504920.1	5411135.2	41195.69922	409.42	0	48.853165	-86.932929	56672.44	56231	18.98	56691.41	56688.62891	56699.96892	56687.77344	504920.1	5411135.2
L4920.0	504920.1	5411136.2	41195.80078	406.49	0	48.853174	-86.932929	56672.34	56231	18.97	56691.31	56688.73438	56695.61356	56683.84766	504920.1	5411136.2
L4920.0	504920.1	5411137.2	41195.89844	407.02	0	48.853183	-86.932930	56672.96	56231	18.97	56691.93	56689.56250	56708.99745	56697.65625	504920.1	5411137.2
L4920.0	504920.1	5411138.2	41196.00000	407.38	0	48.853192	-86.932930	56673.34	56231	18.97	56692.31	56690.14453	56716.13754	56705.22266	504920.1	5411138.2
L4920.0	504920.1	5411139.3	41196.10156	408.26	0	48.853201	-86.932930	56673.91	56231	18.97	56692.88	56690.91797	56727.79102	56717.29688	504920.1	5411139.3
L4920.0	504920.1	5411139.3	41196.19922	408.15	0	48.853201	-86.932930	56674.24	56231	18.97	56693.21	56691.44922	56733.22168	56723.14844	504920.1	5411139.3
L4920.0	504920.1	5411140.3	41196.30078	409.19	0	48.853211	-86.932930	56674.04	56231	18.97	56693.01	56691.45313	56725.19256	56715.53516	504920.1	5411140.3
L4920.0	504920.1	5411140.3	41196.39844	410.03	0	48.853211	-86.932930	56674.29	56231	18.97	56693.26	56691.90234	56728.20775	56718.96484	504920.1	5411140.3
L4920.0	504920.1	5411141.2	41196.50000	409.74	0	48.853219	-86.932930	56674.50	56231	18.96	56693.46	56692.30078	56729.78227	56720.94922	504920.1	5411141.2
L4920.0	504920.1	5411142.3	41196.60156	410.35	0	48.853228	-86.932930	56674.98	56231	18.96	56693.95	56692.98438	56738.42523	56730.00000	504920.1	5411142.3
L4920.0	504920.1	5411143.0	41196.69922	409.50	0	48.853235	-86.932930	56674.94	56231	18.96	56693.90	56693.12891	56733.40438	56725.38281	504920.1	5411143.0
L4920.0	504920.0	5411143.9	41196.80078	408.47	0	48.853243	-86.932930	56675.50	56231	18.96	56694.46	56693.88281	56743.47317	56735.85156	504920.0	5411143.9
L4920.0	504920.0	5411143.9	41196.89844	408.47	0	48.853243	-86.932930	56675.67	56231	18.96	56694.63	56694.24609	56743.65072	56736.42969	504920.0	5411143.9
L4920.0	504920.0	5411145.1	41196.89844	407.83	0	48.853254	-86.932930	56675.50	56231	18.96	56694.46	56694.26563	56735.19857	56728.37109	504920.0	5411145.1
L4920.0	504920.0	5411145.9	41197.00000	408.46	0	48.853262	-86.932930	56676.06	56231	18.96	56695.01	56695.00781	56744.62090	56738.18750	504920.0	5411145.9
L4920.0	504920.0	5411145.9	41197.19922	408.39	0	48.853262	-86.932930	56676.24	56231	18.95	56695.20	56695.38281	56744.93739	56738.89453	504920.0	5411145.9
L4920.0	504920.0	5411147.5	41197.30078	408.58	0	48.853275	-86.932931	56676.26	56231	18.95	56695.21	56695.57813	56740.65848	56735.00000	504920.0	5411147.5
L4920.0	504920.0	5411147.5	41197.39844	407.61	0	48.853275	-86.932931	56676.32	56231.1	18.95	56695.27	56695.82422	56737.54416	56732.26953	504920.0	5411147.5
L4920.0	504920.0	5411148.3	41197.50000	407.68	0	48.853283	-86.932931	56676.67	56231.1	18.94	56695.61	56696.34766	56741.35425	56736.46094	504920.0	5411148.3
L4920.0	504920.0	5411149.1	41197.60156	406.22	0	48.853290	-86.932931	56676.85	56231.1	18.94	56695.79	56696.70703	56741.10330	56736.58594	504920.0	5411149.1
L4920.0	504920.0	5411150.0	41197.69922	405.59	0	48.853298	-86.932931	56676.95	56231.1	18.94	56695.88	56696.97656	56738.55193	56734.41016	504920.0	5411150.0
L4920.0	504920.0	5411150.7	41197.80078	404.50	0	48.853304	-86.932931	56677.18	56231.1	18.94	56696.12	56697.39453	56739.70932	56735.93750	504920.0	5411150.7
L4920.0	504920.0	5411150.7	41197.89844	404.50	0	48.853304	-86.932931	56677.38	56231.1	18.93	56696.32	56697.76953	56739.83750	56736.43359	504920.0	5411150.7
L4920.0	504920.0	5411151.4	41198.00000	404.95	0	48.853310	-86.932931	56677.69	56231.1	18.93	56696.62	56698.24219	56742.44587	56739.41016	504920.0	5411151.4
L4920.0	504920.0	5411151.4	41198.10156	407.19	0	48.853310	-86.932931	56677.92	56231.1	18.93	56696.85	56698.64453	56743.29575	56740.62109	504920.0	5411151.4
L4920.0	504920.0	5411152.5	41198.19922	409.20	0	48.853320	-86.932931	56678.25	56231.1	18.93	56697.18	56699.14453	56746.64568	56744.33203	504920.0	5411152.5
L4920.0	504919.9	5411153.2	41198.30078	408.70	0	48.853327	-86.932931	56678.10	56231.1	18.92	56697.03	56699.16406	56738.00935	56736.05078	504919.9	5411153.2
L4920.0	504919.9	5411153.9	41198.39844	410.48	0	48.853333	-86.932932	56678.27	56231.1	18.92	56697.19	56699.49219	56737.14011	56735.53516	504919.9	5411153.9
L4920.0	504919.9	5411154.7	41198.50000	409.19	0	48.853340	-86.932932	56678.31	56231.1	18.92	56697.23	56699.69531	56733.29982	56732.04688	504919.9	5411154.7
L4920.0	504919.9	5411154.7	41198.60156	408.46	0	48.853340	-86.932932	56678.91	56231.1	18.92	56697.83	56700.46094	56743.49189	56742.58984	504919.9	5411154.7
L4920.0	504919.9	5411155.4	41198.69922	408.24	0	48.853347	-86.932932	56678.87	56231.1	18.92	56697.79	56700.58203	56737.73302	56737.17578	504919.9	5411155.4
L4920.0	504919.9	5411156.1	41198.80078	406.30	0	48.853353	-86.932932	56679.32	56231.1	18.91	56698.23	56701.17969	56744.02262	56743.80859	504919.9	5411156.1
L4920.0	504919.9	5411156.1	41198.89844	406.30	0	48.853353	-86.932932	56679.34	56231.1	18.91	56698.25	56701.35938	56739.87439	56740.00000	504919.9	5411156.1
L4920.0	504919.9	5411156.7	41198.89844	406.58	0	48.853358	-86.932933	56679.34	56231.1	18.91	56698.26	56701.52344	56735.54210	56736.00391	504919.9	5411156.7
L4920.0	504919.8	5411157.4	41199.00000	405.98	0	48.853365	-86.932933	56679.84	56231.1	18.91	56698.75	56702.16797	56743.27848	56744.07813	504919.8	5411157.4
L4920.0	504919.8	5411158.1	41199.19922	406.73	0	48.853371	-86.932933	56679.73	56231.1	18.91	56698.64	56702.21094	56736.09728	56737.23047	504919.8	5411158.1
L4920.0	504919.8	5411158.5	41199.30078	405.96	0	48.853375	-86.932933	56679.78	56231.1	18.91	56698.69	56702.41016	56732.99844	56734.46094	504919.8	5411158.5
L4920.0	504919.8	5411158.5	41199.39844	407.70	0	48.853375	-86.932933	56680.24	56231.1	18.91	56699.15	56703.01953	56740.23515	56742.02734	504919.8	5411158.5
L4920.0	504919.8	5411159.1	41199.50000	406.43	0	48.853380	-86.932933	56679.62	56231.1	18.91	56698.53	56702.54688	56720.57285	56722.69141	504919.8	5411159.1
L4920.0	504919.8	5411159.8	41199.60156	407.95	0	48.853386	-86.932933	56678.84	56231.1	18.91	56697.75	56701.91016	56697.00903	56699.45313	504919.8	5411159.8
L4920.0	504919.8	5411159.8	41199.69922	407.29	0	48.853386	-86.932933	56678.43	56231.1	18.91	56697.34	56701.64453	56682.79357	56685.55859	504919.8	5411159.8
L4920.0	504919.8	5411160.5	41199.80078	406.84	0	48.853392	-86.932933	56678.93	56231.1	18.91	56697.84	56702.28516	56691.42589	56694.50781	504919.8	5411160.5
L4920.0	504919.8	5411161.0	41199.89844	405.92	0	48.853397	-86.932933	56679.36	56231.1	18.91	56698.27	56702.85547	56698.41601	56701.81641	504919.8	5411161.0
L4920.0	504919.8	5411161.0	41200.00000	406.56	0	48.853397	-86.932933	56680.40	56231.1	18.91	56699.31	56704.03125	56720.76150	56724.47656	504919.8	5411161.0
L4920.0	504919.8	5411161.5	41200.10156	408.41	0	48.853401	-86.932933	56680.85	56231.1	18.91	56699.76	56704.61719	56728.47319	56732.50391	504919.8	5411161.5
L4920.0	504919.8	5411162.0	41200.19922	409.29	0	48.853406	-86.932933	56681.32	56231.1	18.91	56700.23	56705.22266	56736.79836	56741.14063	504919.8	5411162.0
L4920.0	504919.8	5411162.4	41200.30078	410.03	0	48.853409	-86.932933	56681.59	56231.1	18.91	56700.49	56705.61328	56739.99002	56744.64063	504919.8	5411162.4
L4920.0	504919.8	5411162.4	41200.39844	407.91	0	48.853409	-86.932933	56681.63	56231.1	18.91	56700.54	56705.79688	56738.04915	56743.00781	504919.8	5411162.4
L4920.0	504919.8	5411163.1	41200.50000	408.24	0	48.853416	-86.932933	56681.45	56231.1	18.90	56700.35	56705.73438	56730.22658	56735.48828	504919.8	5411163.1
L4920.0	504919.8	5411163.1	41200.60156	409.85	0	48.853416	-86.932933	56681.26	56231.1	18.90	56700.16	56705.67188	56722.52084	56728.08984	504919.8	5411163.1
L4920.0	504919.9	5411163.7	41200.69922	411.42	0	48.853421	-86.932933	56681.60	56231.1	18.90	56700.50	56706.13672	56728.17801	56734.04688	504919.9	5411163.7
L4920.0	504919.9	5411164.2	41200.80078	413.10	0	48.853426	-86.932932	56681.87	56231.1	18.90	56700.77	56706.53125	56732.20209	56738.37109	504919.9	5411164.2
L4920.0	504919.9	5411164.7	41200.89844	412.86	0	48.853430	-86.932932	56682.01	56231.1	18.90	56700.91	56706.79297	56733.09283	56739.56250	504919.9	5411164.7
L4920.0	504919.9	5411164.7	41200.89844	412.86	0	48.853430	-86.932932	56682.00	56231.1	18.90	56700.90	56706.90234	56730.34943	56737.11719	504919.9	5411164.7
L4920.0	504919.9	5411165.1	41201.00000	410.72	0	48.853434	-86.932932	56682.05	56231.1	18.90	56700.95	56707.07031	56729.21911	56736.28125	504919.9	5411165.1
L4920.0	504919.9	5411165.8	41201.19922	412.89	0	48.853441	-86.932932	56682.06	56231.1	18.89	56700.95	56707.18750	56726.95120	56734.30859	504919.9	5411165.8
L4920.0	504919.9	5411166.1	41201.30078	413.58	0	48.853443	-86.932932	56682.28	56231.1	18.88	56701.16	56707.51563	56730.04207	56737.69141	504919.9	5411166.1
L4920.0	504919.9	5411166.1	41201.39844	415.74	0	48.853443	-86.932932	56682.48	56231.1	18.88	56701.36	56707.82813	56732.99139	56740.92969	504919.9	5411166.1
L4920.0	504919.9	5411166.6	41201.50000	415.97	0	48.853447	-86.932931	56682.42	56231.1	18.87	56701.29	56707.87109	56729.29887	56737.52734	504919.9	5411166.6
L4920.0	504919.9	5411166.6	41201.60156	416.61	0	48.853447	-86.932931	56682.43	56231.1	18.86	56701.30	56707.99219	56727.70963	56736.23047	504919.9	5411166.6
L4920.0	504920.0	5411167.0	41201.69922	415.40	0	48.853451	-86.932931	56682.46	56231.1	18.86	56701.32	56708.12109	56726.47166	56735.27734	504920.0	5411167.0
L4920.0	504920.0	5411167.4	41201.80078	412.73	0	48.853455	-86.932931	56682.51	56231.1	18.85	56701.36	56708.26953	56725.83220	56734.92578	504920.0	5411167.4
L4920.0	504920.0	5411167.8	41201.89844	412.73	0	48.853459	-86.932930	56682.66	56231.2	18.85	56701.51	56708.52344	56728.03778	56737.41406	504920.0	5411167.8
L4920.0	504920.0	5411168.3	41202.00000	412.43	0	48.853463	-86.932930	56682.81	56231.2	18.84	56701.64	56708.76172	56729.83640	56739.49609	504920.0	5411168.3
L4920.0	504920.1	5411168.8	41202.10156	414.72	0	48.853467	-86.932930	56682.90	56231.2	18.84	56701.74	56708.96484	56730.97507	56740.91797	504920.1	5411168.8
L4920.0	504920.1	5411168.8	41202.19922	414.46	0	48.853467	-86.932930	56682.74	56231.2	18.84	56701.58	56708.90625	56725.70230	56735.92578	504920.1	5411168.8
L4920.0	504920.1	5411169.2	41202.30078	413.08	0	48.853471	-86.932930	56682.97	56231.2	18.84	56701.82	56709.24609	56730.51007	56741.01172	504920.1	5411169.2
L4920.0	504920.1	5411169.2	41202.39844	412.15	0	48.853471	-86.932930	56683.13	56231.2	18.84	56701.97	56709.49609	56733.14863	56743.92578	504920.1	5411169.2
L4920.0	504920.1	5411170.0	41202.50000	414.32	0	48.853478	-86.932929	56683.33	56231.2	18.85	56702.18	56709.80078	56737.36354	56748.41797	504920.1	5411170.0
L4920.0	504920.1	5411170.0	41202.60156	414.48	0	48.853478	-86.932929	56683.45	56231.2	18.85	56702.29	56710.00781	56739.15257	56750.48438	504920.1	5411170.0
L4920.0	504920.2	5411170.5	41202.69922	413.14	0	48.853482	-86.932928	56683.24	56231.2	18.85	56702.08	56709.89453	56733.01390	56744.62109	504920.2	5411170.5
L4920.0	504920.2	5411170.9	41202.80078	414.62	0	48.853486	-86.932928	56683.20	56231.2	18.85	56702.05	56709.95703	56731.44045	56743.32031	504920.2	5411170.9
L4920.0	504920.2	5411170.9	41202.89844	414.62	0	48.853486	-86.932928	56683.29	56231.2	18.85	56702.14	56710.14063	56732.92924	56745.08203	504920.2	5411170.9
L4920.0	504920.2	5411171.3	41202.89844	413.25	0	48.853489	-86.932928	56683.25	56231.2	18.85	56702.10	56710.19141	56731.22865	56743.65234	504920.2	5411171.3
L4920.0	504920.3	5411171.7	41203.00000	412.01	0	48.853493	-86.932927	56683.51	56231.2	18.85	56702.36	56710.54297	56737.08214	56749.77734	504920.3	5411171.7
L4920.0	504920.3	5411171.7	41203.19922	415.50	0	48.853493	-86.932927	56683.62	56231.2	18.84	56702.45	56710.71875	56738.73976	56751.70313	504920.3	5411171.7
L4920.0	504920.3	5411172.0	41203.30078	418.18	0	48.853496	-86.932927	56683.72	56231.2	18.83	56702.55	56710.90625	56740.69685	56753.92969	504920.3	5411172.0
L4920.0	504920.3	5411172.5	41203.39844	420.53	0	48.853501	-86.932926	56683.84	56231.2	18.82	56702.67	56711.11328	56743.20005	56756.69922	504920.3	5411172.5
L4920.0	504920.3	5411172.9	41203.50000	419.67	0	48.853504	-86.932926	56683.75	56231.2	18.82	56702.57	56711.09766	56740.24787	56754.01172	504920.3	5411172.9
L4920.0	504920.3	5411172.9	41203.60156	418.22	0	48.853504	-86.932926	56683.59	56231.2	18.81	56702.39	56711.00391	56735.33611	56749.36719	504920.3	5411172.9
L4920.0	504920.4	5411173.2	41203.69922	417.78	0	48.853507	-86.932925	56683.48	56231.2	18.80	56702.28	56710.97656	56732.21057	56746.50391	504920.4	5411173.2
L4920.0	504920.4	5411173.6	41203.80078	417.19	0	48.853510	-86.932925	56683.43	56231.2	18.79	56702.23	56711.00781	56730.61828	56745.17578	504920.4	5411173.6
L4920.0	504920.4	5411173.9	41203.89844	415.85	0	48.853513	-86.932925	56683.23	56231.2	18.79	56702.01	56710.86719	56724.80798	56739.62500	504920.4	5411173.9
L4920.0	504920.4	5411173.9	41204.00000	416.48	0	48.853513	-86.932925	56683.23	56231.2	18.78	56702.01	56710.94922	56724.52393	56739.60156	504920.4	5411173.9
L4920.0	504920.4	5411174.4	41204.10156	417.63	0	48.853517	-86.932925	56683.38	56231.2	18.78	56702.16	56711.17578	56728.01388	56743.35156	504920.4	5411174.4
L4920.0	504920.4	5411174.4	41204.19922	416.29	0	48.853517	-86.932925	56683.59	56231.2	18.78	56702.36	56711.45313	56732.77585	56748.37109	504920.4	5411174.4
L4920.0	504920.4	5411174.7	41204.30078	416.52	0	48.853521	-86.932925	56683.72	56231.2	18.78	56702.50	56711.67188	56736.05802	56751.91016	504920.4	5411174.7
L4920.0	504920.4	5411175.1	41204.39844	417.99	0	48.853524	-86.932924	56683.86	56231.2	18.78	56702.63	56711.87500	56739.10753	56755.21484	504920.4	5411175.1
L4920.0	504920.5	5411175.4	41204.50000	418.87	0	48.853527	-86.932924	56683.97	56231.2	18.77	56702.75	56712.07031	56741.92196	56758.28516	504920.5	5411175.4
L4920.0	504920.5	5411175.4	41204.60156	418.88	0	48.853527	-86.932924	56683.87	56231.2	18.77	56702.64	56712.03516	56739.00059	56755.62109	504920.5	5411175.4
L4920.0	504920.5	5411175.8	41204.69922	418.23	0	48.853530	-86.932924	56683.96	56231.2	18.77	56702.73	56712.19922	56741.08807	56757.96094	504920.5	5411175.8
L4920.0	504920.5	5411175.8	41204.80078	420.17	0	48.853530	-86.932924	56683.82	56231.2	18.77	56702.59	56712.12891	56737.43539	56754.55859	504920.5	5411175.8

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4920.0	504920.5	5411176.2	41204.89844	423.91	0	48.853534	-86.932924	56683.87	56231.2	18.77	56702.64	56712.25000	56738.53747	56755.91016	504920.5	5411176.2
L4920.0	504920.5	5411176.5	41204.89844	423.91	0	48.853536	-86.932924	56683.41	56231.2	18.77	56702.18	56711.86328	56726.89745	56744.51953	504920.5	5411176.5
L4920.0	504920.5	5411176.8	41205.00000	424.45	0	48.853539	-86.932924	56683.41	56231.2	18.77	56702.18	56711.93359	56726.75643	56744.62891	504920.5	5411176.8
L4920.0	504920.5	5411176.8	41205.19922	422.74	0	48.853539	-86.932924	56683.41	56231.2	18.76	56702.17	56711.99219	56726.36607	56744.48828	504920.5	5411176.8
L4920.0	504920.5	5411177.2	41205.30078	421.16	0	48.853543	-86.932924	56683.66	56231.2	18.76	56702.41	56712.30078	56732.22280	56750.58984	504920.5	5411177.2
L4920.0	504920.5	5411177.5	41205.39844	421.95	0	48.853546	-86.932924	56683.74	56231.2	18.75	56702.49	56712.44531	56734.07801	56752.68750	504920.5	5411177.5
L4920.0	504920.5	5411177.5	41205.50000	422.44	0	48.853546	-86.932924	56683.64	56231.3	18.75	56702.39	56712.41406	56731.43032	56750.28516	504920.5	5411177.5
L4920.0	504920.5	5411177.9	41205.60156	421.77	0	48.853549	-86.932924	56683.46	56231.3	18.75	56702.20	56712.28906	56726.52767	56745.62500	504920.5	5411177.9
L4920.0	504920.5	5411177.9	41205.69922	422.06	0	48.853549	-86.932924	56683.41	56231.3	18.74	56702.15	56712.30469	56725.11701	56744.45703	504920.5	5411177.9
L4920.0	504920.5	5411178.2	41205.80078	422.00	0	48.853552	-86.932924	56683.64	56231.3	18.74	56702.38	56712.59766	56730.69603	56750.27734	504920.5	5411178.2
L4920.0	504920.4	5411178.5	41205.89844	423.45	0	48.853555	-86.932924	56683.36	56231.3	18.73	56702.09	56712.37109	56723.26932	56743.08594	504920.4	5411178.5
L4920.0	504920.4	5411178.9	41206.00000	424.58	0	48.853558	-86.932924	56683.42	56231.3	18.73	56702.15	56712.49609	56724.57941	56744.63672	504920.4	5411178.9
L4920.0	504920.4	5411178.9	41206.10156	425.78	0	48.853558	-86.932924	56683.43	56231.3	18.73	56702.16	56712.57031	56724.62808	56744.92188	504920.4	5411178.9
L4920.0	504920.4	5411179.1	41206.19922	424.24	0	48.853560	-86.932925	56683.56	56231.3	18.73	56702.29	56712.76172	56727.66305	56748.19531	504920.4	5411179.1
L4920.0	504920.4	5411179.5	41206.30078	424.18	0	48.853564	-86.932925	56683.31	56231.3	18.73	56702.04	56712.57422	56721.18696	56741.95313	504920.4	5411179.5
L4920.0	504920.4	5411179.7	41206.39844	426.95	0	48.853565	-86.932925	56683.56	56231.3	18.73	56702.29	56712.88281	56727.19243	56748.19141	504920.4	5411179.7
L4920.0	504920.4	5411179.7	41206.50000	427.85	0	48.853565	-86.932925	56683.36	56231.3	18.73	56702.08	56712.73438	56721.68554	56742.91406	504920.4	5411179.7
L4920.0	504920.4	5411180.0	41206.60156	426.80	0	48.853568	-86.932925	56683.23	56231.3	18.72	56701.95	56712.66406	56718.16148	56739.62500	504920.4	5411180.0
L4920.0	504920.4	5411180.3	41206.69922	428.84	0	48.853570	-86.932925	56683.23	56231.3	18.72	56701.95	56712.72656	56717.86903	56739.56250	504920.4	5411180.3
L4920.0	504920.4	5411180.3	41206.80078	428.92	0	48.853570	-86.932925	56683.48	56231.3	18.72	56702.20	56713.03516	56723.80649	56745.72656	504920.4	5411180.3
L4920.0	504920.4	5411180.6	41206.89844	427.59	0	48.853573	-86.932925	56683.54	56231.3	18.72	56702.26	56713.15234	56724.97627	56747.12500	504920.4	5411180.6
L4920.0	504920.4	5411180.6	41206.89844	427.59	0	48.853573	-86.932925	56682.97	56231.3	18.72	56701.69	56712.64063	56710.38078	56732.75391	504920.4	5411180.6
L4920.0	504920.4	5411180.8	41207.00000	427.88	0	48.853575	-86.932925	56682.72	56231.3	18.72	56701.44	56712.44922	56703.76236	56726.36328	504920.4	5411180.8
L4920.0	504920.4	5411181.0	41207.19922	429.38	0	48.853577	-86.932925	56682.82	56231.3	18.72	56701.54	56712.60547	56705.87004	56728.69531	504920.4	5411181.0
L4920.0	504920.4	5411181.3	41207.30078	429.80	0	48.853579	-86.932926	56682.69	56231.3	18.71	56701.40	56712.52344	56701.95737	56725.00781	504920.4	5411181.3
L4920.0	504920.4	5411181.3	41207.39844	431.55	0	48.853579	-86.932926	56682.66	56231.3	18.71	56701.38	56712.56250	56701.02101	56724.29297	504920.4	5411181.3
L4920.0	504920.3	5411181.4	41207.50000	429.51	0	48.853581	-86.932926	56682.59	56231.3	18.71	56701.30	56712.53906	56698.56153	56722.05469	504920.3	5411181.4
L4920.0	504920.3	5411181.6	41207.60156	430.09	0	48.853582	-86.932926	56682.97	56231.3	18.71	56701.68	56712.97266	56707.57443	56731.28906	504920.3	5411181.6
L4920.0	504920.3	5411181.6	41207.69922	428.91	0	48.853582	-86.932926	56682.75	56231.3	18.71	56701.46	56712.80859	56701.56668	56725.50000	504920.3	5411181.6
L4920.0	504920.3	5411181.7	41207.80078	428.78	0	48.853584	-86.932926	56682.87	56231.3	18.70	56701.57	56712.97656	56703.78081	56727.92969	504920.3	5411181.7
L4920.0	504920.3	5411181.8	41207.89844	428.40	0	48.853584	-86.932926	56682.74	56231.3	18.70	56701.44	56712.90234	56699.97021	56724.33594	504920.3	5411181.8
L4920.0	504920.3	5411181.8	41208.00000	427.37	0	48.853584	-86.932926	56682.90	56231.3	18.70	56701.60	56713.11719	56703.38030	56727.96484	504920.3	5411181.8
L4920.0	504920.3	5411182.0	41208.10156	427.43	0	48.853586	-86.932926	56683.13	56231.3	18.69	56701.82	56713.39063	56708.26200	56733.06250	504920.3	5411182.0
L4920.0	504920.3	5411182.0	41208.19922	427.89	0	48.853586	-86.932926	56682.97	56231.3	18.69	56701.66	56713.28516	56703.61776	56728.63281	504920.3	5411182.0
L4920.0	504920.3	5411182.0	41208.30078	430.54	0	48.853586	-86.932926	56682.82	56231.3	18.68	56701.50	56713.18359	56698.94404	56724.17188	504920.3	5411182.0
L4920.0	504920.3	5411182.1	41208.39844	429.29	0	48.853587	-86.932926	56682.84	56231.3	18.68	56701.52	56713.25781	56698.73876	56724.17969	504920.3	5411182.1
L4920.0	504920.3	5411182.2	41208.50000	429.84	0	48.853588	-86.932926	56683.02	56231.3	18.67	56701.69	56713.48047	56702.25136	56727.90234	504920.3	5411182.2
L4920.0	504920.3	5411182.2	41208.60156	430.29	0	48.853588	-86.932926	56682.95	56231.3	18.66	56701.61	56713.45313	56699.48395	56725.34766	504920.3	5411182.2
L4920.0	504920.3	5411182.3	41208.69922	431.38	0	48.853588	-86.932926	56683.23	56231.3	18.66	56701.88	56713.77734	56705.43135	56731.50781	504920.3	5411182.3
L4920.0	504920.3	5411182.3	41208.80078	430.75	0	48.853589	-86.932926	56683.28	56231.3	18.65	56701.93	56713.88281	56705.84690	56732.13281	504920.3	5411182.3
L4920.0	504920.3	5411182.3	41208.89844	429.85	0	48.853589	-86.932926	56683.62	56231.4	18.65	56702.26	56714.26563	56713.22613	56739.71875	504920.3	5411182.3
L4920.0	504920.3	5411182.4	41208.89844	429.85	0	48.853589	-86.932926	56683.89	56231.4	18.65	56702.54	56714.60156	56719.32061	56746.02344	504920.3	5411182.4
L4920.0	504920.3	5411182.4	41209.00000	429.80	0	48.853590	-86.932926	56684.27	56231.4	18.64	56702.91	56715.02344	56727.62848	56754.53906	504920.3	5411182.4
L4920.0	504920.3	5411182.5	41209.19922	431.07	0	48.853590	-86.932926	56684.56	56231.4	18.63	56703.19	56715.35938	56733.65019	56760.76953	504920.3	5411182.5
L4920.0	504920.3	5411182.5	41209.30078	431.88	0	48.853590	-86.932926	56684.24	56231.4	18.63	56702.87	56715.09375	56724.63859	56751.96484	504920.3	5411182.5
L4920.0	504920.3	5411182.6	41209.39844	429.88	0	48.853591	-86.932927	56684.25	56231.4	18.63	56702.88	56715.15625	56723.83607	56751.37109	504920.3	5411182.6
L4920.0	504920.3	5411182.7	41209.39844	429.88	0	48.853592	-86.932927	56684.02	56231.4	18.63	56702.65	56714.98047	56716.99590	56744.73438	504920.3	5411182.7
L4920.0	504920.3	5411182.9	41209.60156	424.42	0	48.853594	-86.932927	56683.91	56231.4	18.62	56702.53	56714.91406	56712.86467	56740.81250	504920.3	5411182.9
L4920.0	504920.3	5411182.9	41209.69922	424.42	0	48.853594	-86.932927	56684.00	56231.4	18.62	56702.61	56715.04688	56713.69088	56741.84375	504920.3	5411182.9
L4920.0	504920.3	5411183.0	41209.80078	423.19	0	48.853595	-86.932927	56684.13	56231.4	18.62	56702.75	56715.24219	56715.97467	56744.33203	504920.3	5411183.0
L4920.0	504920.3	5411183.2	41209.89844	423.19	0	48.853597	-86.932927	56684.32	56231.4	18.61	56702.93	56715.47656	56719.21533	56747.77734	504920.3	5411183.2
L4920.0	504920.3	5411183.2	41210.00000	422.38	0	48.853597	-86.932927	56684.18	56231.4	18.61	56702.79	56715.39063	56714.41462	56743.17969	504920.3	5411183.2
L4920.0	504920.3	5411183.5	41210.00000	423.95	0	48.853599	-86.932927	56684.28	56231.4	18.61	56702.89	56715.54297	56715.56764	56744.53906	504920.3	5411183.5
L4920.0	504920.3	5411183.7	41210.19922	425.40	0	48.853601	-86.932927	56684.09	56231.4	18.61	56702.70	56715.40625	56709.42740	56738.60547	504920.3	5411183.7
L4920.0	504920.3	5411183.7	41210.30078	425.40	0	48.853601	-86.932927	56684.13	56231.4	18.61	56702.74	56715.50000	56708.98930	56738.37109	504920.3	5411183.7
L4920.0	504920.3	5411183.9	41210.39844	428.61	0	48.853603	-86.932927	56684.50	56231.4	18.61	56703.11	56715.92578	56716.75181	56746.33984	504920.3	5411183.9
L4920.0	504920.2	5411184.2	41210.50000	429.92	0	48.853606	-86.932927	56684.66	56231.4	18.61	56703.27	56716.14063	56719.21807	56749.00781	504920.2	5411184.2
L4920.0	504920.2	5411184.2	41210.60156	428.67	0	48.853606	-86.932927	56684.55	56231.4	18.61	56703.16	56716.08203	56714.88772	56744.88281	504920.2	5411184.2
L4920.0	504920.2	5411184.5	41210.69922	432.09	0	48.853609	-86.932927	56684.36	56231.4	18.61	56702.97	56715.94922	56708.50864	56738.71094	504920.2	5411184.5
L4920.0	504920.2	5411184.8	41210.80078	431.00	0	48.853611	-86.932927	56684.68	56231.4	18.61	56703.29	56716.32422	56714.82581	56745.23438	504920.2	5411184.8
L4920.0	504920.2	5411184.8	41210.89844	431.69	0	48.853611	-86.932927	56684.62	56231.4	18.61	56703.23	56716.31641	56711.59500	56742.20703	504920.2	5411184.8
L4920.0	504920.2	5411185.0	41210.89844	431.69	0	48.853613	-86.932927	56684.96	56231.4	18.61	56703.57	56716.71094	56718.30984	56749.12891	504920.2	5411185.0
L4920.0	504920.2	5411185.3	41211.10156	432.15	0	48.853615	-86.932928	56685.18	56231.4	18.61	56703.79	56716.98828	56721.97347	56752.99609	504920.2	5411185.3
L4920.0	504920.2	5411185.6	41211.19922	430.14	0	48.853618	-86.932928	56684.81	56231.4	18.60	56703.41	56716.66406	56710.58874	56741.82031	504920.2	5411185.6
L4920.0	504920.2	5411185.9	41211.30078	432.22	0	48.853621	-86.932928	56684.91	56231.4	18.60	56703.51	56716.82031	56711.14722	56742.58594	504920.2	5411185.9
L4920.0	504920.1	5411186.3	41211.39844	429.87	0	48.853624	-86.932928	56685.02	56231.4	18.60	56703.62	56716.98438	56711.90174	56743.54688	504920.1	5411186.3
L4920.0	504920.1	5411186.3	41211.50000	427.84	0	48.853624	-86.932928	56685.19	56231.4	18.60	56703.79	56717.21094	56714.10142	56745.95313	504920.1	5411186.3
L4920.0	504920.1	5411186.6	41211.60156	425.95	0	48.853627	-86.932929	56685.39	56231.4	18.59	56703.99	56717.46484	56716.99597	56749.05469	504920.1	5411186.6
L4920.0	504920.1	5411186.6	41211.69922	425.12	0	48.853627	-86.932929	56685.68	56231.4	18.59	56704.27	56717.80078	56721.83458	56754.10547	504920.1	5411186.6
L4920.0	504920.1	5411187.1	41211.80078	424.61	0	48.853632	-86.932929	56685.73	56231.4	18.59	56704.31	56717.89844	56720.61912	56753.09766	504920.1	5411187.1
L4920.0	504920.1	5411187.5	41211.89844	426.01	0	48.853635	-86.932929	56685.88	56231.4	18.58	56704.47	56718.11328	56722.34660	56755.03516	504920.1	5411187.5
L4920.0	504920.1	5411187.9	41212.00000	425.27	0	48.853639	-86.932930	56686.09	56231.4	18.58	56704.67	56718.37109	56725.01725	56757.91406	504920.1	5411187.9
L4920.0	504920.1	5411187.9	41212.10156	423.23	0	48.853639	-86.932930	56686.14	56231.4	18.58	56704.72	56718.47656	56723.88213	56756.99219	504920.1	5411187.9
L4920.0	504920.0	5411188.3	41212.19922	424.28	0	48.853642	-86.932930	56685.81	56231.4	18.58	56704.39	56718.20703	56713.19262	56746.51563	504920.0	5411188.3
L4920.0	504920.0	5411188.9	41212.30078	424.68	0	48.853648	-86.932931	56686.04	56231.4	18.58	56704.62	56718.49219	56716.44168	56749.97656	504920.0	5411188.9
L4920.0	504919.9	5411189.4	41212.39844	426.54	0	48.853652	-86.932931	56686.21	56231.4	18.58	56704.80	56718.73047	56718.38352	56752.13281	504919.9	5411189.4
L4920.0	504919.9	5411189.4	41212.50000	426.20	0	48.853652	-86.932931	56686.42	56231.4	18.58	56705.00	56718.98828	56720.76747	56754.73047	504919.9	5411189.4
L4920.0	504919.9	5411189.8	41212.60156	427.77	0	48.853656	-86.932932	56686.39	56231.4	18.59	56704.98	56719.02344	56717.59517	56751.77344	504919.9	5411189.8
L4920.0	504919.9	5411190.3	41212.69922	427.32	0	48.853661	-86.932932	56686.32	56231.4	18.59	56704.91	56719.01172	56713.11528	56747.50781	504919.9	5411190.3
L4920.0	504919.9	5411190.3	41212.80078	426.11	0	48.853661	-86.932932	56686.74	56231.4	18.59	56705.33	56719.49219	56720.82384	56755.43359	504919.9	5411190.3
L4920.0	504919.8	5411191.0	41212.89844	429.20	0	48.853667	-86.932933	56686.52	56231.4	18.59	56705.11	56719.32813	56712.47906	56747.30859	504919.8	5411191.0
L4920.0	504919.8	5411191.5	41212.89844	429.20	0	48.853671	-86.932934	56686.45	56231.4	18.59	56705.03	56719.30859	56707.57530	56742.62109	504919.8	5411191.5
L4920.0	504919.8	5411191.5	41213.10156	429.78	0	48.853671	-86.932934	56686.96	56231.4	18.59	56705.55	56719.88672	56717.60930	56752.87500	504919.8	5411191.5
L4920.0	504919.7	5411192.0	41213.19922	430.83	0	48.853675	-86.932934	56686.74	56231.4	18.59	56705.33	56719.72656	56709.09088	56744.57813	504919.7	5411192.0
L4920.0	504919.7	5411192.6	41213.30078	430.99	0	48.853681	-86.932934	56687.09	56231.4	18.60	56705.68	56720.13281	56714.76069	56750.46875	504919.7	5411192.6
L4920.0	504919.7	5411193.2	41213.39844	431.98	0	48.853687	-86.932935	56687.14	56231.4	18.60	56705.74	56720.25391	56713.12515	56749.05469	504919.7	5411193.2
L4920.0	504919.7	5411193.2	41213.50000	430.44	0	48.853687	-86.932935	56687.13	56231.4	18.60	56705.73	56720.30078	56709.68287	56745.83594	504919.7	5411193.2
L4920.0	504919.7	5411193.9	41213.60156	429.37	0	48.853693	-86.932935	56687.37	56231.4	18.60	56705.97	56720.60156	56712.43180	56748.80859	504919.7	5411193.9
L4920.0	504919.7	5411194.4	41213.69922	429.67	0	48.853698	-86.932935	56687.33	56231.4	18.60	56705.94	56720.62891	56708.37598	56744.97656	504919.7	5411194.4
L4920.0	504919.7	5411194.4	41213.80078	429.57	0	48.853698	-86.932935	56687.75	56231.4	18.61	56706.36	56721.10938	56715.51053	56752.33984	504919.7	5411194.4
L4920.0	504919.6	5411195.1	41213.89844	428.54	0	48.853703	-86.932935	56688.10	56231.4	18.61	56706.71	56721.51953	56720.83956	56757.89453	504919.6	5411195.1
L4920.0	504919.6	5411195.7	41214.00000	427.75	0	48.853710	-86.932935	56688.36	56231.4	18.61	56706.97	56721.83984	56723.86361	56761.14453	504919.6	5411195.7
L4920.0	504919.6	5411196.1	41214.10156	427.39	0	48.853713	-86.932936	56688.59	56231.4	18.61	56707.20	56722.12891	56726.08267	56763.59375	504919.6	5411196.1

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4920.0	504919.6	5411196.1	41214.19922	427.83	0	48.853713	-86.932936	56689.20	56231.4	18.61	56707.82	56722.80859	56737.99414	56775.73438	504919.6	5411196.1
L4920.0	504919.6	5411196.7	41214.30078	428.49	0	48.853719	-86.932936	56689.02	56231.4	18.61	56707.64	56722.68750	56729.85715	56767.82813	504919.6	5411196.7
L4920.0	504919.5	5411197.5	41214.39844	426.73	0	48.853725	-86.932936	56689.13	56231.4	18.61	56707.74	56722.84766	56728.66437	56766.86328	504919.5	5411197.5
L4920.0	504919.5	5411197.5	41214.50000	427.95	0	48.853725	-86.932936	56688.82	56231.4	18.61	56707.43	56722.59766	56717.17137	56755.60156	504919.5	5411197.5
L4920.0	504919.5	5411198.4	41214.60156	427.91	0	48.853734	-86.932937	56689.20	56231.4	18.62	56707.82	56723.04688	56723.12067	56761.78125	504919.5	5411198.4
L4920.0	504919.5	5411199.0	41214.69922	429.26	0	48.853738	-86.932937	56689.13	56231.4	18.62	56707.74	56723.02734	56717.27136	56756.16406	504919.5	5411199.0
L4920.0	504919.5	5411199.7	41214.80078	428.16	0	48.853745	-86.932938	56689.43	56231.4	18.62	56708.05	56723.39844	56721.11786	56760.24609	504919.5	5411199.7
L4920.0	504919.4	5411200.5	41214.89844	427.82	0	48.853752	-86.932938	56689.50	56231.4	18.62	56708.12	56723.52734	56718.91541	56758.27734	504919.4	5411200.5
L4920.0	504919.4	5411201.3	41214.89844	427.82	0	48.853759	-86.932938	56689.79	56231.4	18.62	56708.41	56723.87891	56722.16137	56761.75781	504919.4	5411201.3
L4920.0	504919.4	5411201.3	41215.10156	427.05	0	48.853759	-86.932938	56689.54	56231.4	18.62	56708.15	56723.67969	56711.61207	56751.44141	504919.4	5411201.3
L4920.0	504919.4	5411201.3	41215.19922	427.63	0	48.853759	-86.932938	56689.98	56231.4	18.62	56708.60	56724.18750	56718.75914	56758.82422	504919.4	5411201.3
L4920.0	504919.4	5411202.5	41215.30078	428.56	0	48.853771	-86.932938	56690.02	56231.4	18.61	56708.64	56724.28516	56715.61152	56755.91016	504919.4	5411202.5
L4920.0	504919.4	5411203.3	41215.39844	430.13	0	48.853777	-86.932938	56690.23	56231.4	18.61	56708.84	56724.54688	56716.41589	56756.95313	504919.4	5411203.3
L4920.0	504919.4	5411204.1	41215.50000	432.19	0	48.853785	-86.932938	56690.42	56231.4	18.61	56709.03	56724.79688	56716.92438	56757.69531	504919.4	5411204.1
L4920.0	504919.4	5411204.8	41215.60156	430.66	0	48.853791	-86.932938	56690.86	56231.4	18.61	56709.46	56725.28516	56723.38607	56764.39063	504919.4	5411204.8
L4920.0	504919.4	5411204.8	41215.69922	429.81	0	48.853791	-86.932938	56690.97	56231.4	18.61	56709.57	56725.45313	56721.80597	56763.04688	504919.4	5411204.8
L4920.0	504919.4	5411205.8	41215.80078	428.90	0	48.853800	-86.932939	56690.65	56231.4	18.60	56709.26	56725.20313	56709.68579	56751.16406	504919.4	5411205.8
L4920.0	504919.4	5411205.8	41215.89844	430.57	0	48.853800	-86.932939	56691.16	56231.4	18.60	56709.77	56725.76953	56718.01756	56759.73047	504919.4	5411205.8
L4920.0	504919.4	5411206.8	41216.00000	432.83	0	48.853809	-86.932939	56690.83	56231.4	18.60	56709.43	56725.48828	56705.06447	56747.01172	504919.4	5411206.8
L4920.0	504919.4	5411207.8	41216.10156	431.33	0	48.853818	-86.932939	56691.43	56231.4	18.60	56710.04	56726.15625	56715.81455	56758.00000	504919.4	5411207.8
L4920.0	504919.4	5411208.8	41216.19922	430.85	0	48.853827	-86.932939	56691.56	56231.4	18.60	56710.16	56726.33203	56714.27942	56756.69922	504919.4	5411208.8
L4920.0	504919.4	5411208.8	41216.30078	430.73	0	48.853827	-86.932939	56691.88	56231.4	18.61	56710.49	56726.72266	56717.95518	56760.60938	504919.4	5411208.8
L4920.0	504919.4	5411209.7	41216.39844	432.23	0	48.853835	-86.932939	56692.24	56231.4	18.61	56710.85	56727.13672	56722.34441	56765.23438	504919.4	5411209.7
L4920.0	504919.4	5411210.9	41216.50000	431.52	0	48.853845	-86.932939	56692.44	56231.4	18.61	56711.05	56727.39453	56722.69978	56765.82422	504919.4	5411210.9
L4920.0	504919.4	5411210.9	41216.60156	429.76	0	48.853845	-86.932939	56692.37	56231.4	18.61	56710.98	56727.37891	56716.27344	56759.62891	504919.4	5411210.9
L4920.0	504919.4	5411211.8	41216.69922	427.43	0	48.853854	-86.932939	56692.55	56231.4	18.61	56711.16	56727.61719	56716.06303	56759.65234	504919.4	5411211.8
L4920.0	504919.4	5411212.7	41216.80078	428.16	0	48.853862	-86.932939	56692.51	56231.4	18.62	56711.12	56727.63281	56710.32344	56754.14453	504919.4	5411212.7
L4920.0	504919.4	5411213.6	41216.89844	428.46	0	48.853870	-86.932939	56692.73	56231.4	18.62	56711.35	56727.91406	56711.30263	56755.35547	504919.4	5411213.6
L4920.0	504919.4	5411213.6	41216.89844	428.46	0	48.853870	-86.932939	56692.97	56231.4	18.62	56711.59	56728.21094	56712.50409	56756.78516	504919.4	5411213.6
L4920.0	504919.4	5411214.5	41217.00000	429.54	0	48.853879	-86.932938	56693.70	56231.4	18.62	56712.32	56728.99219	56725.92600	56770.43359	504919.4	5411214.5
L4920.0	504919.4	5411215.7	41217.19922	429.86	0	48.853890	-86.932938	56693.61	56231.4	18.63	56712.24	56728.96484	56719.07953	56763.81641	504919.4	5411215.7
L4920.0	504919.4	5411216.9	41217.30078	429.23	0	48.853900	-86.932938	56693.92	56231.4	18.63	56712.55	56729.32813	56721.95777	56766.92188	504919.4	5411216.9
L4920.0	504919.4	5411216.9	41217.39844	430.18	0	48.853900	-86.932938	56693.87	56231.4	18.63	56712.50	56729.33203	56715.81806	56761.00781	504919.4	5411216.9
L4920.0	504919.4	5411217.9	41217.50000	430.95	0	48.853909	-86.932938	56694.21	56231.4	18.64	56712.85	56729.73047	56719.65683	56765.07031	504919.4	5411217.9
L4920.0	504919.4	5411219.1	41217.60156	428.92	0	48.853919	-86.932938	56694.87	56231.4	18.64	56713.50	56730.43359	56730.97685	56776.60938	504919.4	5411219.1
L4920.0	504919.4	5411219.1	41217.69922	427.14	0	48.853919	-86.932938	56695.04	56231.4	18.64	56713.68	56730.66016	56730.53584	56776.39063	504919.4	5411219.1
L4920.0	504919.4	5411220.3	41217.80078	429.41	0	48.853931	-86.932938	56694.92	56231.4	18.64	56713.56	56730.58984	56722.58479	56768.66016	504919.4	5411220.3
L4920.0	504919.4	5411221.6	41217.89844	430.75	0	48.853942	-86.932938	56694.92	56231.4	18.65	56713.57	56730.64844	56717.87288	56764.16406	504919.4	5411221.6
L4920.0	504919.4	5411221.6	41218.00000	430.69	0	48.853942	-86.932938	56695.15	56231.3	18.65	56713.80	56730.92578	56718.65185	56765.16016	504919.4	5411221.6
L4920.0	504919.4	5411222.7	41218.10156	430.11	0	48.853952	-86.932938	56695.43	56231.3	18.65	56714.08	56731.25391	56720.67545	56767.39453	504919.4	5411222.7
L4920.0	504919.4	5411223.7	41218.19922	428.45	0	48.853961	-86.932938	56695.65	56231.3	18.65	56714.30	56731.51953	56721.19707	56768.12891	504919.4	5411223.7
L4920.0	504919.4	5411224.8	41218.30078	426.74	0	48.853971	-86.932938	56696.37	56231.3	18.65	56715.02	56732.28125	56734.21534	56781.35547	504919.4	5411224.8
L4920.0	504919.4	5411224.8	41218.39844	426.97	0	48.853971	-86.932938	56696.40	56231.3	18.65	56715.06	56732.36719	56730.24165	56777.58984	504919.4	5411224.8
L4920.0	504919.4	5411225.6	41218.50000	426.64	0	48.853978	-86.932938	56696.52	56231.3	18.65	56715.17	56732.51953	56728.02347	56775.57813	504919.4	5411225.6
L4920.0	504919.4	5411226.9	41218.60156	426.24	0	48.853990	-86.932938	56696.40	56231.3	18.66	56715.06	56732.44922	56720.31592	56768.07031	504919.4	5411226.9
L4920.0	504919.4	5411226.9	41218.69922	427.36	0	48.853990	-86.932938	56696.73	56231.3	18.66	56715.38	56732.81250	56723.36743	56771.32031	504919.4	5411226.9
L4920.0	504919.4	5411228.1	41218.80078	428.17	0	48.854001	-86.932938	56696.86	56231.3	18.66	56715.51	56732.98047	56721.68576	56769.83984	504919.4	5411228.1
L4920.0	504919.4	5411229.2	41218.89844	427.54	0	48.854010	-86.932938	56697.37	56231.3	18.66	56716.03	56733.53906	56729.77008	56778.11719	504919.4	5411229.2
L4920.0	504919.4	5411230.5	41218.89844	427.54	0	48.854022	-86.932938	56697.34	56231.3	18.66	56716.00	56733.54688	56724.13071	56772.67188	504919.4	5411230.5
L4920.0	504919.4	5411230.5	41219.00000	428.06	0	48.854022	-86.932938	56697.52	56231.3	18.66	56716.18	56733.76172	56723.76574	56772.49219	504919.4	5411230.5
L4920.0	504919.5	5411231.9	41219.19922	427.12	0	48.854035	-86.932937	56698.08	56231.3	18.67	56716.75	56734.36719	56733.17761	56782.09375	504919.5	5411231.9
L4920.0	504919.5	5411233.1	41219.30078	423.99	0	48.854046	-86.932937	56698.56	56231.3	18.67	56717.23	56734.88281	56740.37368	56789.47266	504919.5	5411233.1
L4920.0	504919.5	5411233.1	41219.39844	425.75	0	48.854046	-86.932937	56698.72	56231.3	18.67	56717.40	56735.08594	56739.85953	56789.13672	504919.5	5411233.1
L4920.0	504919.5	5411234.1	41219.50000	426.09	0	48.854054	-86.932937	56698.87	56231.3	18.68	56717.54	56735.25781	56738.63726	56788.09375	504919.5	5411234.1
L4920.0	504919.5	5411235.2	41219.60156	427.15	0	48.854064	-86.932936	56699.06	56231.3	18.68	56717.74	56735.48438	56738.96046	56788.58984	504919.5	5411235.2
L4920.0	504919.5	5411235.2	41219.69922	426.93	0	48.854064	-86.932936	56699.18	56231.3	18.68	56717.86	56735.63281	56737.33452	56787.13281	504919.5	5411235.2
L4920.0	504919.6	5411236.9	41219.80078	426.43	0	48.854080	-86.932936	56699.46	56231.3	18.68	56718.14	56735.94141	56739.76221	56789.73047	504919.6	5411236.9
L4920.0	504919.6	5411238.0	41219.89844	423.67	0	48.854090	-86.932935	56699.78	56231.3	18.69	56718.46	56736.28906	56743.24903	56793.37891	504919.6	5411238.0
L4920.0	504919.6	5411239.0	41220.00000	423.95	0	48.854098	-86.932935	56699.76	56231.3	18.69	56718.45	56736.30078	56738.55244	56788.84375	504919.6	5411239.0
L4920.0	504919.6	5411239.0	41220.10156	427.22	0	48.854098	-86.932935	56700.07	56231.3	18.69	56718.76	56736.63281	56741.92261	56792.36719	504919.6	5411239.0
L4920.0	504919.6	5411240.5	41220.19922	429.52	0	48.854112	-86.932935	56700.36	56231.3	18.69	56719.05	56736.94531	56744.86703	56795.46484	504919.6	5411240.5
L4920.0	504919.6	5411241.4	41220.30078	429.66	0	48.854121	-86.932935	56700.36	56231.3	18.70	56719.05	56736.96484	56740.64281	56791.39063	504919.6	5411241.4
L4920.0	504919.7	5411242.8	41220.39844	430.35	0	48.854133	-86.932934	56700.61	56231.3	18.70	56719.31	56737.24219	56743.00122	56793.89453	504919.7	5411242.8
L4920.0	504919.7	5411242.8	41220.50000	431.19	0	48.854133	-86.932934	56700.89	56231.3	18.70	56719.59	56737.53906	56745.94939	56796.98047	504919.7	5411242.8
L4920.0	504919.7	5411244.1	41220.60156	429.93	0	48.854144	-86.932934	56700.68	56231.3	18.70	56719.38	56737.34375	56736.74656	56787.91406	504919.7	5411244.1
L4920.0	504919.7	5411245.3	41220.69922	426.53	0	48.854155	-86.932934	56700.99	56231.3	18.70	56719.70	56737.67969	56740.89094	56792.19141	504919.7	5411245.3
L4920.0	504919.7	5411246.8	41220.80078	428.18	0	48.854169	-86.932933	56701.36	56231.3	18.71	56720.06	56738.05078	56746.14184	56797.57031	504919.7	5411246.8
L4920.0	504919.7	5411246.8	41220.89844	429.87	0	48.854169	-86.932933	56701.75	56231.3	18.71	56720.46	56738.46094	56752.50513	56804.05859	504919.7	5411246.8
L4920.0	504919.8	5411248.2	41220.89844	429.87	0	48.854181	-86.932933	56702.15	56231.3	18.71	56720.86	56738.86719	56758.98705	56810.66016	504919.8	5411248.2
L4920.0	504919.8	5411248.2	41221.00000	429.70	0	48.854181	-86.932933	56702.65	56231.3	18.71	56721.36	56739.37500	56768.09297	56819.87891	504919.8	5411248.2
L4920.0	504919.8	5411249.5	41221.19922	428.72	0	48.854193	-86.932933	56702.88	56231.3	18.71	56721.59	56739.60938	56770.58174	56822.48047	504919.8	5411249.5
L4920.0	504919.8	5411250.8	41221.30078	427.64	0	48.854204	-86.932932	56702.57	56231.3	18.72	56721.29	56739.31250	56759.96153	56811.96484	504919.8	5411250.8
L4920.0	504919.8	5411252.2	41221.39844	427.49	0	48.854217	-86.932932	56702.72	56231.3	18.72	56721.44	56739.46094	56760.73158	56812.83984	504919.8	5411252.2
L4920.0	504919.8	5411252.2	41221.50000	427.10	0	48.854217	-86.932932	56702.60	56231.3	18.72	56721.32	56739.33984	56754.90357	56807.10547	504919.8	5411252.2
L4920.0	504919.8	5411253.4	41221.60156	426.42	0	48.854228	-86.932932	56702.93	56231.3	18.72	56721.65	56739.66797	56760.47880	56812.77344	504919.8	5411253.4
L4920.0	504919.8	5411253.4	41221.69922	424.74	0	48.854228	-86.932932	56702.92	56231.3	18.72	56721.64	56739.65234	56757.71961	56810.10156	504919.8	5411253.4
L4920.0	504919.9	5411255.2	41221.80078	427.32	0	48.854245	-86.932932	56703.20	56231.3	18.73	56721.93	56739.93359	56762.62803	56815.09375	504919.9	5411255.2
L4920.0	504919.9	5411256.3	41221.89844	424.83	0	48.854254	-86.932931	56703.19	56231.3	18.73	56721.92	56739.91406	56760.21514	56812.75781	504919.9	5411256.3
L4920.0	504919.9	5411257.6	41222.00000	422.26	0	48.854266	-86.932931	56703.42	56231.3	18.73	56722.15	56740.13281	56763.98383	56816.59766	504919.9	5411257.6
L4920.0	504919.9	5411258.9	41222.10156	418.64	0	48.854278	-86.932931	56703.14	56231.3	18.73	56721.87	56739.83984	56755.19636	56807.87891	504919.9	5411258.9
L4920.0	504919.9	5411258.9	41222.19922	419.10	0	48.854278	-86.932931	56703.32	56231.3	18.74	56722.05	56740.00391	56758.10257	56810.84766	504919.9	5411258.9
L4920.0	504919.9	5411260.2	41222.30078	422.69	0	48.854289	-86.932931	56703.39	56231.3	18.74	56722.13	56740.06641	56758.71343	56811.51563	504919.9	5411260.2
L4920.0	504919.9	5411261.8	41222.39844	423.89	0	48.854304	-86.932931	56703.46	56231.3	18.74	56722.21	56740.12500	56759.53514	56812.39063	504919.9	5411261.8
L4920.0	504919.9	5411261.8	41222.50000	426.13	0	48.854304	-86.932931	56703.72	56231.3	18.75	56722.47	56740.36328	56765.07334	56817.97656	504919.9	5411261.8
L4920.0	504919.9	5411263.2	41222.60156	427.34	0	48.854317	-86.932931	56703.75	56231.3	18.75	56722.50	56740.37109	56765.08795	56818.03125	504919.9	5411263.2
L4920.0	504919.9	5411264.3	41222.69922	426.64	0	48.854326	-86.932930	56703.68	56231.2	18.75	56722.43	56740.27344	56762.83497	56815.81641	504919.9	5411264.3
L4920.0	504919.9	5411264.3	41222.80078	425.93	0	48.854326	-86.932930	56703.51	56231.2	18.75	56722.26	56740.07422	56758.32132	56811.33594	504919.9	5411264.3
L4920.0	504919.9	5411265.7	41222.89844	426.79	0	48.854339	-86.932930	56703.42	56231.2	18.76	56722.18	56739.96484	56756.30253	56809.34375	504919.9	5411265.7
L4920.0	504919.9	5411267.1	41222.89844	426.79	0	48.854351	-86.932930	56703.42	56231.2	18.76	56722.18	56739.92969	56756.53555	56809.59375	504919.9	5411267.1
L4920.0	504919.9	5411267.1	41223.00000	426.28	0	48.854351	-86.932930	56703.88	56231.2	18.76	56722.64	56740.35547	56768.52442	56821.59766	504919.9	5411267.1
L4920.0	504920.0	5411268.8	41223.19922	426.16	0	48.854366	-86.932930	56704.16	56231.2	18.76	56722.92	56740.59766	56776.28057	56829.36328	504920.0	5411268.8
L4920.0	504920.0	5411270.2	41223.30078	426.64	0	48.854379	-86.932930	56704.04	56231.2	18.76	56722.81	56740.44531	56774.56223	56827.65234	504920.0	5411270.2
L4920.0	504920.0	5411271.2	41223.39844	427.91	0	48.854388	-86.932930	56703.46	56231.2	18.76	56722.23	56739.82422	56761.37658	56814.46484	504920.0	5411271.2

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4920.0	504920.0	5411271.2	41223.50000	425.85	0	48.854388	-86.932930	56703.70	56231.2	18.76	56722.46	56740.00781	56768.72087	56821.80469	504920.0	5411271.2
L4920.0	504920.0	5411272.5	41223.60156	425.88	0	48.854400	-86.932930	56703.75	56231.2	18.77	56722.52	56740.01953	56772.10864	56825.17969	504920.0	5411272.5
L4920.0	504920.0	5411273.9	41223.69922	429.07	0	48.854412	-86.932930	56703.46	56231.2	18.77	56722.23	56739.67969	56767.04751	56820.10156	504920.0	5411273.9
L4920.0	504920.0	5411273.9	41223.80078	430.75	0	48.854412	-86.932930	56703.39	56231.2	18.77	56722.16	56739.55859	56767.78952	56820.82031	504920.0	5411273.9
L4920.0	504919.9	5411276.5	41223.89844	427.84	0	48.854436	-86.932930	56703.34	56231.2	18.77	56722.11	56739.45313	56769.34219	56822.34375	504919.9	5411276.5
L4920.0	504919.9	5411276.5	41224.00000	428.78	0	48.854436	-86.932930	56703.18	56231.2	18.77	56721.95	56739.23438	56768.46234	56821.42969	504919.9	5411276.5
L4920.0	504919.9	5411278.2	41224.10156	428.62	0	48.854451	-86.932930	56702.82	56231.2	18.77	56721.59	56738.81641	56762.90636	56815.83594	504919.9	5411278.2
L4920.0	504919.9	5411279.5	41224.19922	429.40	0	48.854463	-86.932931	56702.70	56231.2	18.78	56721.48	56738.64453	56763.92654	56816.80859	504919.9	5411279.5
L4920.0	504919.9	5411281.0	41224.30078	428.33	0	48.854476	-86.932931	56702.46	56231.2	18.78	56721.25	56738.34766	56762.28093	56815.11328	504919.9	5411281.0
L4920.0	504919.9	5411281.0	41224.39844	426.34	0	48.854476	-86.932931	56702.34	56231.2	18.79	56721.13	56738.16016	56763.72303	56816.50000	504919.9	5411281.0
L4920.0	504919.9	5411281.0	41224.50000	426.97	0	48.854476	-86.932931	56702.54	56231.2	18.79	56721.34	56738.30078	56773.75618	56826.47266	504919.9	5411281.0
L4920.0	504919.9	5411282.6	41224.60156	429.46	0	48.854490	-86.932931	56701.74	56231.2	18.80	56720.54	56737.42969	56758.89483	56811.54297	504919.9	5411282.6
L4920.0	504919.8	5411284.1	41224.69922	428.89	0	48.854504	-86.932931	56701.75	56231.2	18.81	56720.56	56737.37500	56764.88018	56817.45313	504919.8	5411284.1
L4920.0	504919.8	5411285.3	41224.80078	428.21	0	48.854516	-86.932932	56700.99	56231.2	18.81	56719.80	56736.53516	56751.72805	56804.22266	504919.8	5411285.3
L4920.0	504919.8	5411285.3	41224.89844	428.75	0	48.854516	-86.932932	56700.64	56231.2	18.82	56719.45	56736.10547	56749.18377	56801.59375	504919.8	5411285.3
L4920.0	504919.8	5411287.1	41224.89844	428.75	0	48.854531	-86.932932	56700.76	56231.2	18.82	56719.58	56736.15234	56759.00050	56811.32031	504919.8	5411287.1
L4920.0	504919.8	5411288.2	41225.10156	428.92	0	48.854541	-86.932932	56700.48	56231.2	18.82	56719.30	56735.78906	56758.93808	56811.16406	504919.8	5411288.2
L4920.0	504919.8	5411289.8	41225.19922	426.96	0	48.854556	-86.932932	56700.51	56231.2	18.83	56719.33	56735.73047	56766.99435	56819.11719	504919.8	5411289.8
L4920.0	504919.8	5411289.8	41225.30078	426.25	0	48.854556	-86.932932	56700.02	56231.2	18.83	56718.85	56735.16016	56762.67803	56814.69141	504919.8	5411289.8
L4920.0	504919.7	5411290.8	41225.39844	428.37	0	48.854565	-86.932933	56699.58	56231.2	18.83	56718.41	56734.62500	56759.73755	56811.64063	504919.7	5411290.8
L4920.0	504919.7	5411292.4	41225.50000	431.97	0	48.854579	-86.932933	56699.10	56231.2	18.83	56717.93	56734.05078	56756.17555	56807.95703	504919.7	5411292.4
L4920.0	504919.7	5411293.7	41225.60156	433.31	0	48.854591	-86.932933	56699.21	56231.2	18.84	56718.05	56734.07422	56767.98913	56819.64844	504919.7	5411293.7
L4920.0	504919.7	5411293.7	41225.69922	433.30	0	48.854591	-86.932933	56698.66	56231.2	18.84	56717.50	56733.42188	56763.43885	56814.96484	504919.7	5411293.7
L4920.0	504919.7	5411295.1	41225.80078	432.84	0	48.854603	-86.932933	56698.68	56231.2	18.84	56717.52	56733.33984	56773.51670	56824.90625	504919.7	5411295.1
L4920.0	504919.7	5411295.1	41225.89844	431.72	0	48.854603	-86.932933	56697.86	56231.2	18.85	56716.70	56732.41406	56762.98349	56814.23047	504919.7	5411295.1
L4920.0	504919.7	5411296.9	41226.00000	429.16	0	48.854619	-86.932933	56697.16	56231.2	18.85	56716.01	56731.61328	56756.08237	56807.18359	504919.7	5411296.9
L4920.0	504919.8	5411298.5	41226.10156	427.36	0	48.854633	-86.932932	56696.75	56231.1	18.85	56715.60	56731.09375	56756.56202	56807.50781	504919.8	5411298.5
L4920.0	504919.8	5411299.7	41226.19922	427.26	0	48.854645	-86.932932	56696.36	56231.1	18.85	56715.21	56730.58984	56757.92368	56808.71094	504919.8	5411299.7
L4920.0	504919.8	5411299.7	41226.30078	427.97	0	48.854645	-86.932932	56696.11	56231.1	18.86	56714.97	56730.23438	56763.41533	56814.03516	504919.8	5411299.7
L4920.0	504919.8	5411301.1	41226.39844	427.70	0	48.854657	-86.932932	56695.43	56231.1	18.86	56714.29	56729.43750	56758.28973	56808.73828	504919.8	5411301.1
L4920.0	504919.8	5411302.4	41226.50000	425.41	0	48.854669	-86.932932	56695.34	56231.1	18.86	56714.20	56729.22656	56768.28743	56818.55859	504919.8	5411302.4
L4920.0	504919.8	5411303.9	41226.60156	425.46	0	48.854683	-86.932931	56694.51	56231.1	18.86	56713.37	56728.27344	56760.16566	56810.25391	504919.8	5411303.9
L4920.0	504919.8	5411303.9	41226.69922	424.07	0	48.854683	-86.932931	56693.88	56231.1	18.86	56712.74	56727.51563	56757.41470	56807.31250	504919.8	5411303.9
L4920.0	504919.8	5411305.5	41226.80078	422.74	0	48.854697	-86.932931	56693.36	56231.1	18.87	56712.22	56726.86719	56757.78183	56807.48828	504919.8	5411305.5
L4920.0	504919.8	5411305.5	41226.89844	423.88	0	48.854697	-86.932931	56693.06	56231.1	18.87	56711.93	56726.44531	56764.26232	56813.76563	504919.8	5411305.5
L4920.0	504919.8	5411306.9	41226.89844	423.88	0	48.854709	-86.932931	56692.61	56231.1	18.87	56711.48	56725.86328	56767.10468	56816.40234	504919.8	5411306.9
L4920.0	504919.9	5411308.1	41227.00000	425.72	0	48.854721	-86.932931	56691.83	56231.1	18.87	56710.70	56724.94922	56762.05532	56811.14063	504919.9	5411308.1
L4920.0	504919.9	5411309.9	41227.19922	427.16	0	48.854737	-86.932931	56690.83	56231.1	18.87	56709.71	56723.82031	56752.10803	56800.97266	504919.9	5411309.9
L4920.0	504919.9	5411309.9	41227.30078	426.87	0	48.854737	-86.932931	56690.00	56231.1	18.88	56708.87	56722.83984	56746.25438	56794.89453	504919.9	5411309.9
L4920.0	504919.9	5411311.6	41227.39844	428.44	0	48.854752	-86.932930	56689.82	56231.1	18.88	56708.70	56722.52734	56757.48425	56805.89453	504919.9	5411311.6
L4920.0	504919.9	5411313.2	41227.50000	430.42	0	48.854766	-86.932930	56689.15	56231.1	18.88	56708.03	56721.71094	56756.54931	56804.72266	504919.9	5411313.2
L4920.0	504919.9	5411313.2	41227.60156	430.37	0	48.854766	-86.932930	56688.54	56231.1	18.88	56707.42	56720.95703	56757.43815	56805.36719	504919.9	5411313.2
L4920.0	504919.9	5411314.6	41227.69922	429.34	0	48.854778	-86.932930	56687.43	56231.1	18.88	56706.32	56719.70703	56746.39689	56794.07813	504919.9	5411314.6
L4920.0	504919.9	5411316.2	41227.80078	429.26	0	48.854793	-86.932930	56686.83	56231.1	18.89	56705.72	56718.95313	56748.15999	56795.58984	504919.9	5411316.2
L4920.0	504919.9	5411317.9	41227.89844	429.25	0	48.854809	-86.932930	56686.27	56231.1	18.89	56705.15	56718.23047	56750.97197	56798.14063	504919.9	5411317.9
L4920.0	504919.9	5411317.9	41228.00000	427.72	0	48.854809	-86.932930	56685.42	56231.1	18.89	56704.31	56717.23438	56747.32562	56794.22656	504919.9	5411317.9
L4920.0	504920.0	5411319.6	41228.10156	427.87	0	48.854824	-86.932929	56684.74	56231.1	18.90	56703.63	56716.39844	56747.95792	56794.58594	504920.0	5411319.6
L4920.0	504920.0	5411321.2	41228.19922	428.08	0	48.854838	-86.932929	56683.50	56231.1	18.90	56702.40	56715.00781	56735.11363	56781.46484	504920.0	5411321.2
L4920.0	504920.0	5411322.4	41228.30078	428.22	0	48.854849	-86.932929	56683.13	56231.1	18.91	56702.04	56714.48438	56744.27153	56790.33984	504920.0	5411322.4
L4920.0	504920.0	5411322.4	41228.39844	427.22	0	48.854849	-86.932929	56681.93	56231.1	18.92	56700.85	56713.12891	56732.93256	56778.70703	504920.0	5411322.4
L4920.0	504920.0	5411324.0	41228.50000	428.61	0	48.854864	-86.932928	56681.38	56231.1	18.93	56700.31	56712.42578	56738.07408	56783.55469	504920.0	5411324.0
L4920.0	504920.1	5411325.1	41228.60156	427.99	0	48.854873	-86.932928	56680.34	56231.1	18.93	56699.28	56711.22656	56731.19200	56776.37109	504920.1	5411325.1
L4920.0	504920.1	5411325.1	41228.69922	429.57	0	48.854873	-86.932928	56679.56	56231.1	18.94	56698.50	56710.27734	56730.76808	56775.63672	504920.1	5411325.1
L4920.0	504920.1	5411326.6	41228.80078	431.16	0	48.854886	-86.932928	56678.91	56231.1	18.95	56697.86	56709.46484	56734.03981	56778.59375	504920.1	5411326.6
L4920.0	504920.1	5411328.3	41228.89844	429.19	0	48.854902	-86.932927	56677.74	56231	18.95	56696.70	56708.13281	56724.49818	56768.73438	504920.1	5411328.3
L4920.0	504920.1	5411328.3	41228.89844	429.19	0	48.854902	-86.932927	56677.05	56231	18.95	56696.00	56707.25391	56726.62184	56770.53125	504920.1	5411328.3
L4920.0	504920.2	5411330.1	41229.10156	429.22	0	48.854918	-86.932927	56675.68	56231	18.96	56694.64	56705.71875	56712.40424	56755.98047	504920.2	5411330.1
L4920.0	504920.2	5411331.2	41229.19922	431.33	0	48.854928	-86.932926	56675.27	56231	18.97	56694.23	56705.12891	56722.06860	56765.30859	504920.2	5411331.2
L4920.0	504920.2	5411332.8	41229.30078	428.84	0	48.854942	-86.932926	56673.66	56231	18.97	56692.63	56703.34766	56702.11494	56745.00781	504920.2	5411332.8
L4920.0	504920.2	5411333.9	41229.39844	427.94	0	48.854953	-86.932926	56672.98	56231	18.97	56691.96	56702.49609	56705.51192	56748.05469	504920.2	5411333.9
L4920.0	504920.2	5411333.9	41229.50000	422.04	0	48.854953	-86.932926	56671.79	56231	18.97	56690.77	56701.12500	56696.00377	56738.19141	504920.2	5411333.9
L4920.0	504920.2	5411335.6	41229.60156	422.22	0	48.854968	-86.932925	56671.20	56231	18.98	56690.17	56700.33984	56701.31575	56743.14063	504920.2	5411335.6
L4920.0	504920.2	5411337.1	41229.69922	425.44	0	48.854981	-86.932925	56670.54	56231	18.98	56689.52	56699.50391	56705.43547	56746.89453	504920.2	5411337.1
L4920.0	504920.2	5411337.1	41229.80078	425.60	0	48.854981	-86.932925	56669.53	56231	18.98	56688.51	56698.30469	56700.59779	56741.67969	504920.2	5411337.1
L4920.0	504920.3	5411338.5	41229.89844	425.60	0	48.854994	-86.932925	56668.58	56231	18.99	56687.57	56697.17578	56697.53189	56738.23438	504920.3	5411338.5
L4920.0	504920.3	5411339.9	41230.00000	422.73	0	48.855006	-86.932925	56667.30	56231	18.99	56686.29	56695.70313	56685.97275	56726.28906	504920.3	5411339.9
L4920.0	504920.3	5411339.9	41230.10156	421.68	0	48.855006	-86.932925	56666.72	56231	18.99	56685.71	56694.93359	56691.89452	56731.82031	504920.3	5411339.9
L4920.0	504920.3	5411341.8	41230.19922	421.43	0	48.855023	-86.932924	56665.18	56231	19.00	56684.18	56693.21094	56674.04064	56713.56641	504920.3	5411341.8
L4920.0	504920.3	5411343.3	41230.30078	425.06	0	48.855037	-86.932924	56664.48	56231	19.00	56683.48	56692.31641	56676.87938	56716.00000	504920.3	5411343.3
L4920.0	504920.3	5411343.3	41230.39844	425.65	0	48.855037	-86.932924	56663.40	56231	19.01	56682.41	56691.05078	56670.40044	56709.10938	504920.3	5411343.3
L4920.0	504920.4	5411345.0	41230.50000	425.90	0	48.855052	-86.932924	56662.89	56231	19.01	56681.90	56690.34375	56677.82785	56716.12109	504920.4	5411345.0
L4920.0	504920.4	5411346.3	41230.60156	423.80	0	48.855064	-86.932923	56661.61	56231	19.02	56680.63	56688.87891	56666.15181	56704.02344	504920.4	5411346.3
L4920.0	504920.4	5411347.7	41230.69922	422.90	0	48.855077	-86.932923	56660.21	56231	19.03	56679.23	56687.28125	56651.09820	56688.54297	504920.4	5411347.7
L4920.0	504920.4	5411349.3	41230.80078	424.57	0	48.855091	-86.932923	56659.63	56231	19.03	56678.66	56686.51172	56656.64038	56693.65234	504920.4	5411349.3
L4920.0	504920.4	5411349.3	41230.89844	424.57	0	48.855091	-86.932923	56658.72	56231	19.04	56677.76	56685.41016	56653.76699	56690.33594	504920.4	5411349.3
L4920.0	504920.4	5411350.6	41230.89844	425.42	0	48.855102	-86.932923	56657.71	56231	19.04	56676.74	56684.19141	56647.70665	56683.83203	504920.4	5411350.6
L4920.0	504920.4	5411351.7	41231.00000	424.47	0	48.855113	-86.932923	56656.66	56231	19.04	56675.70	56682.94922	56640.93873	56676.61328	504920.4	5411351.7
L4920.0	504920.4	5411352.9	41231.19922	426.97	0	48.855123	-86.932922	56655.72	56230.9	19.05	56674.77	56681.82031	56636.69235	56671.91016	504920.4	5411352.9
L4920.0	504920.4	5411352.9	41231.30078	426.65	0	48.855123	-86.932922	56654.93	56230.9	19.06	56673.98	56680.82813	56635.69736	56670.44922	504920.4	5411352.9
L4920.0	504920.5	5411354.7	41231.39844	427.01	0	48.855139	-86.932922	56654.14	56230.9	19.06	56673.20	56679.84375	56634.68478	56668.96875	504920.5	5411354.7
L4920.0	504920.5	5411355.9	41231.50000	429.28	0	48.855151	-86.932922	56652.95	56230.9	19.07	56672.02	56678.46094	56623.38774	56657.19531	504920.5	5411355.9
L4920.0	504920.5	5411357.4	41231.60156	428.45	0	48.855163	-86.932922	56652.15	56230.9	19.08	56671.22	56677.45703	56621.28080	56654.60938	504920.5	5411357.4
L4920.0	504920.5	5411357.4	41231.69922	427.52	0	48.855163	-86.932922	56651.33	56230.9	19.08	56670.41	56676.44531	56618.59712	56651.44141	504920.5	5411357.4
L4920.0	504920.5	5411359.2	41231.80078	427.21	0	48.855180	-86.932921	56650.46	56230.9	19.09	56669.55	56675.38281	56614.31745	56646.66797	504920.5	5411359.2
L4920.0	504920.5	5411361.0	41231.89844	427.21	0	48.855196	-86.932921	56649.82	56230.9	19.09	56668.91	56674.53906	56615.17046	56647.01953	504920.5	5411361.0
L4920.0	504920.5	5411362.4	41232.00000	426.61	0	48.855209	-86.932921	56648.77	56230.9	19.10	56667.87	56673.29297	56605.64146	56636.98828	504920.5	5411362.4
L4920.0	504920.5	5411362.4	41232.10156	427.06	0	48.855209	-86.932921	56647.82	56230.9	19.10	56666.92	56672.14063	56597.95794	56628.79688	504920.5	5411362.4
L4920.0	504920.6	5411363.9	41232.19922	426.19	0	48.855222	-86.932921	56646.93	56230.9	19.11	56666.04	56671.05469	56591.60131	56621.92578	504920.6	5411363.9
L4920.0	504920.6	5411365.2	41232.30078	426.31	0	48.855234	-86.932921	56646.28	56230.9	19.11	56665.39	56670.20313	56590.55197	56620.35547	504920.6	5411365.2
L4920.0	504920.6	5411366.8	41232.39844	427.79	0	48.855248	-86.932921	56645.18	56230.9	19.12	56664.30	56668.90625	56578.04664	56607.32031	504920.6	5411366.8
L4920.0	504920.6	5411366.8	41232.50000	427.87	0	48.855248	-86.932921	56644.56	56230.9	19.12	56663.68	56668.08594	56576.81088	56605.55469	504920.6	5411366.8
L4920.0	504920.5	5411368.7	41232.60156	426.91	0	48.855266	-86.932921	56643.93	56230.9	19.12	56663.05	56667.25000	56574.83072	56603.03516	504920.5	5411368.7
L4920.0	504920.5	5411370.6	41232.69922	427.30	0	48.855283	-86.932921	56643.14	56230.9	19.13	56662.27	56666.26953	56568.59008	56596.25391	504920.5	5411370.6

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4920.0	504920.5	5411372.1	41232.80078	426.95	0	48.855296	-86.932921	56642.73	56230.9	19.13	56661.86	56665.65625	56571.06851	56598.18359	504920.5	5411372.1
L4920.0	504920.5	5411372.1	41232.89844	427.36	0	48.855296	-86.932921	56641.86	56230.9	19.14	56660.99	56664.58203	56561.50578	56588.06641	504920.5	5411372.1
L4920.0	504920.5	5411373.7	41232.89844	427.36	0	48.855310	-86.932921	56641.20	56230.9	19.14	56660.33	56663.72266	56556.63123	56582.62891	504920.5	5411373.7
L4920.0	504920.5	5411374.8	41233.00000	426.80	0	48.855320	-86.932921	56640.61	56230.9	19.14	56659.75	56662.94141	56553.18049	56578.61719	504920.5	5411374.8
L4920.0	504920.5	5411374.8	41233.19922	427.99	0	48.855320	-86.932921	56639.97	56230.8	19.15	56659.12	56662.10938	56547.88971	56572.75781	504920.5	5411374.8
L4920.0	504920.5	5411376.5	41233.30078	427.28	0	48.855335	-86.932922	56639.64	56230.8	19.16	56658.80	56661.58984	56549.74199	56574.03125	504920.5	5411376.5
L4920.0	504920.5	5411378.2	41233.39844	425.55	0	48.855351	-86.932922	56639.29	56230.8	19.16	56658.45	56661.04297	56550.22607	56573.93359	504920.5	5411378.2
L4920.0	504920.5	5411378.2	41233.50000	426.98	0	48.855351	-86.932922	56638.66	56230.8	19.17	56657.83	56660.22266	56543.33053	56566.45313	504920.5	5411378.2
L4920.0	504920.4	5411379.9	41233.60156	426.35	0	48.855366	-86.932922	56638.16	56230.8	19.18	56657.34	56659.53516	56539.03991	56561.57422	504920.4	5411379.9
L4920.0	504920.4	5411381.3	41233.69922	426.66	0	48.855379	-86.932922	56637.88	56230.8	19.18	56657.06	56659.05859	56539.34169	56561.28125	504920.4	5411381.3
L4920.0	504920.4	5411381.3	41233.80078	426.79	0	48.855379	-86.932922	56637.55	56230.8	19.19	56656.73	56658.53516	56537.72643	56559.06641	504920.4	5411381.3
L4920.0	504920.4	5411383.3	41233.89844	425.60	0	48.855397	-86.932923	56637.57	56230.8	19.19	56656.77	56658.37891	56544.68042	56565.41406	504920.4	5411383.3
L4920.0	504920.4	5411384.4	41234.00000	424.94	0	48.855406	-86.932923	56636.98	56230.8	19.20	56656.18	56657.59766	56535.20093	56555.32422	504920.4	5411384.4
L4920.0	504920.4	5411386.1	41234.10156	425.20	0	48.855422	-86.932923	56636.68	56230.8	19.20	56655.88	56657.10547	56532.27197	56551.78125	504920.4	5411386.1
L4920.0	504920.4	5411386.1	41234.19922	425.62	0	48.855422	-86.932923	56636.34	56230.8	19.21	56655.55	56656.58203	56527.88725	56546.77734	504920.4	5411386.1
L4920.0	504920.3	5411388.2	41234.30078	424.78	0	48.855441	-86.932923	56636.22	56230.8	19.21	56655.44	56656.28516	56528.28708	56546.55469	504920.3	5411388.2
L4920.0	504920.3	5411389.4	41234.39844	425.61	0	48.855452	-86.932923	56636.37	56230.8	19.22	56655.59	56656.24609	56534.46399	56552.10156	504920.3	5411389.4
L4920.0	504920.3	5411389.4	41234.50000	426.02	0	48.855452	-86.932923	56636.28	56230.8	19.22	56655.50	56655.96875	56533.91519	56550.92188	504920.3	5411389.4
L4920.0	504920.3	5411390.6	41234.60156	426.19	0	48.855463	-86.932923	56636.09	56230.8	19.23	56655.32	56655.60156	56530.38393	56546.75781	504920.3	5411390.6
L4920.0	504920.3	5411392.6	41234.69922	427.13	0	48.855480	-86.932923	56635.94	56230.8	19.24	56655.18	56655.27734	56527.11434	56542.84766	504920.3	5411392.6
L4920.0	504920.4	5411393.6	41234.80078	427.47	0	48.855489	-86.932923	56636.19	56230.8	19.24	56655.43	56655.34766	56532.84975	56547.93750	504920.4	5411393.6
L4920.0	504920.4	5411393.6	41234.89844	427.92	0	48.855489	-86.932923	56635.96	56230.8	19.25	56655.20	56654.93359	56525.84312	56540.28516	504920.4	5411393.6
L4920.0	504920.4	5411395.0	41234.89844	427.92	0	48.855502	-86.932923	56636.15	56230.8	19.25	56655.39	56654.94531	56528.58532	56542.37500	504920.4	5411395.0
L4920.0	504920.4	5411396.7	41235.00000	428.32	0	48.855517	-86.932923	56636.50	56230.8	19.25	56655.75	56655.12891	56534.82638	56547.96484	504920.4	5411396.7
L4920.0	504920.4	5411398.0	41235.19922	427.03	0	48.855529	-86.932923	56636.34	56230.7	19.26	56655.61	56654.81250	56527.82017	56540.30078	504920.4	5411398.0
L4920.0	504920.4	5411398.0	41235.30078	428.18	0	48.855529	-86.932923	56636.82	56230.7	19.27	56656.08	56655.10547	56535.30842	56547.12891	504920.4	5411398.0
L4920.0	504920.4	5411399.7	41235.39844	426.83	0	48.855544	-86.932922	56636.78	56230.7	19.27	56656.05	56654.90234	56529.54978	56540.70703	504920.4	5411399.7
L4920.0	504920.4	5411400.9	41235.50000	426.94	0	48.855555	-86.932922	56637.06	56230.7	19.28	56656.34	56655.02344	56531.03969	56541.53125	504920.4	5411400.9
L4920.0	504920.4	5411400.9	41235.60156	425.31	0	48.855555	-86.932922	56637.24	56230.7	19.29	56656.52	56655.03125	56529.03344	56538.85547	504920.4	5411400.9
L4920.0	504920.4	5411402.3	41235.69922	425.36	0	48.855568	-86.932922	56637.73	56230.7	19.29	56657.02	56655.36719	56534.28087	56543.43359	504920.4	5411402.3
L4920.0	504920.4	5411404.0	41235.80078	425.36	0	48.855583	-86.932922	56637.93	56230.7	19.30	56657.23	56655.41016	56531.54018	56540.01953	504920.4	5411404.0
L4920.0	504920.4	5411405.9	41235.89844	426.33	0	48.855601	-86.932922	56638.74	56230.7	19.30	56658.04	56656.05469	56543.05943	56550.86328	504920.4	5411405.9
L4920.0	504920.4	5411405.9	41236.00000	425.67	0	48.855601	-86.932922	56639.29	56230.7	19.31	56658.60	56656.45313	56547.60011	56554.72656	504920.4	5411405.9
L4920.0	504920.4	5411408.2	41236.10156	423.58	0	48.855621	-86.932922	56639.43	56230.7	19.31	56658.75	56656.44531	56541.16945	56547.62109	504920.4	5411408.2
L4920.0	504920.5	5411409.9	41236.19922	426.09	0	48.855636	-86.932921	56640.18	56230.7	19.32	56659.49	56657.02734	56548.76702	56554.53906	504920.5	5411409.9
L4920.0	504920.5	5411409.9	41236.30078	426.28	0	48.855636	-86.932921	56640.69	56230.7	19.32	56660.01	56657.39063	56550.15628	56555.25000	504920.5	5411409.9
L4920.0	504920.5	5411411.2	41236.39844	425.26	0	48.855648	-86.932921	56641.22	56230.7	19.33	56660.55	56657.77734	56551.34381	56555.75391	504920.5	5411411.2
L4920.0	504920.5	5411412.9	41236.50000	425.70	0	48.855663	-86.932921	56641.86	56230.7	19.33	56661.19	56658.26563	56554.33805	56558.06641	504920.5	5411412.9
L4920.0	504920.5	5411412.9	41236.60156	423.65	0	48.855663	-86.932921	56642.81	56230.7	19.33	56662.14	56659.06641	56564.39722	56567.44531	504920.5	5411412.9
L4920.0	504920.5	5411414.5	41236.69922	424.54	0	48.855677	-86.932921	56643.26	56230.7	19.34	56662.60	56659.37891	56561.53757	56563.90625	504920.5	5411414.5
L4920.0	504920.5	5411416.1	41236.80078	422.03	0	48.855692	-86.932920	56643.98	56230.7	19.34	56663.32	56659.95313	56564.51476	56566.19922	504920.5	5411416.1
L4920.0	504920.5	5411417.3	41236.89844	419.67	0	48.855702	-86.932920	56644.89	56230.7	19.35	56664.24	56660.72656	56571.84099	56572.84375	504920.5	5411417.3
L4920.0	504920.5	5411417.3	41236.89844	419.67	0	48.855702	-86.932920	56645.56	56230.7	19.35	56664.90	56661.24609	56572.03202	56572.35547	504920.5	5411417.3
L4920.0	504920.6	5411418.9	41237.00000	419.71	0	48.855717	-86.932920	56646.30	56230.7	19.35	56665.65	56661.85938	56573.84834	56573.49219	504920.6	5411418.9
L4920.0	504920.6	5411420.0	41237.19922	422.61	0	48.855727	-86.932920	56647.57	56230.6	19.36	56666.93	56663.00000	56588.30038	56587.26953	504920.6	5411420.0
L4920.0	504920.6	5411420.0	41237.30078	424.10	0	48.855727	-86.932920	56648.07	56230.6	19.36	56667.43	56663.36719	56582.66186	56580.95313	504920.6	5411420.0
L4920.0	504920.6	5411421.2	41237.39844	424.46	0	48.855737	-86.932919	56649.26	56230.6	19.37	56668.63	56664.43359	56593.93682	56591.55078	504920.6	5411421.2
L4920.0	504920.6	5411422.5	41237.50000	423.34	0	48.855749	-86.932919	56649.82	56230.6	19.37	56669.19	56664.86328	56588.65027	56585.58984	504920.6	5411422.5
L4920.0	504920.6	5411424.0	41237.60156	423.69	0	48.855763	-86.932919	56650.93	56230.6	19.37	56670.30	56665.84375	56596.55941	56592.82813	504920.6	5411424.0
L4920.0	504920.6	5411424.0	41237.69922	426.25	0	48.855763	-86.932919	56651.84	56230.6	19.38	56671.22	56666.63672	56599.18589	56594.78906	504920.6	5411424.0
L4920.0	504920.7	5411426.0	41237.80078	427.34	0	48.855781	-86.932919	56652.63	56230.6	19.38	56672.01	56667.30469	56598.04604	56592.98047	504920.7	5411426.0
L4920.0	504920.7	5411427.4	41237.89844	426.50	0	48.855794	-86.932918	56654.08	56230.6	19.39	56673.47	56668.64453	56613.15125	56607.42188	504920.7	5411427.4
L4920.0	504920.7	5411427.4	41238.00000	426.51	0	48.855794	-86.932918	56654.72	56230.6	19.39	56674.11	56669.16406	56607.27994	56600.89453	504920.7	5411427.4
L4920.0	504920.7	5411429.0	41238.10156	426.65	0	48.855808	-86.932918	56656.08	56230.6	19.39	56675.47	56670.40625	56618.93891	56611.89844	504920.7	5411429.0
L4920.0	504920.7	5411430.5	41238.19922	427.93	0	48.855821	-86.932918	56656.50	56230.6	19.39	56675.90	56670.72266	56606.90849	56599.21484	504920.7	5411430.5
L4920.0	504920.8	5411431.6	41238.30078	428.55	0	48.855831	-86.932917	56658.12	56230.6	19.40	56677.52	56672.22656	56624.19193	56615.85156	504920.8	5411431.6
L4920.0	504920.8	5411431.6	41238.39844	428.02	0	48.855831	-86.932917	56658.88	56230.6	19.40	56678.28	56672.87891	56619.57310	56610.58594	504920.8	5411431.6
L4920.0	504920.8	5411433.0	41238.50000	424.61	0	48.855843	-86.932917	56660.23	56230.6	19.40	56679.63	56674.11719	56629.31067	56619.68750	504920.8	5411433.0
L4920.0	504920.8	5411434.2	41238.60156	424.39	0	48.855855	-86.932916	56661.70	56230.6	19.40	56681.10	56675.48438	56641.67755	56631.42188	504920.8	5411434.2
L4920.0	504920.8	5411435.6	41238.69922	424.63	0	48.855867	-86.932916	56662.35	56230.6	19.40	56681.76	56676.03906	56633.45015	56622.56641	504920.8	5411435.6
L4920.0	504920.8	5411436.9	41238.80078	426.61	0	48.855879	-86.932916	56663.89	56230.6	19.41	56683.29	56677.46484	56646.63614	56635.12891	504920.8	5411436.9
L4920.0	504920.8	5411436.9	41238.89844	428.64	0	48.855879	-86.932916	56664.52	56230.6	19.41	56683.93	56678.00781	56637.26830	56625.14453	504920.8	5411436.9
L4920.0	504920.8	5411437.9	41238.89844	428.64	0	48.855888	-86.932916	56666.16	56230.6	19.41	56685.57	56679.54688	56652.60305	56639.86719	504920.8	5411437.9
L4920.0	504920.8	5411439.6	41239.00000	428.66	0	48.855904	-86.932916	56667.00	56230.6	19.41	56686.41	56680.29297	56647.67367	56634.33203	504920.8	5411439.6
L4920.0	504920.8	5411440.7	41239.19922	425.03	0	48.855914	-86.932916	56668.35	56230.6	19.42	56687.76	56681.55078	56655.24093	56641.30469	504920.8	5411440.7
L4920.0	504920.8	5411440.7	41239.30078	425.23	0	48.855914	-86.932916	56669.38	56230.6	19.42	56688.79	56682.48828	56654.58119	56640.05078	504920.8	5411440.7
L4920.0	504920.8	5411442.2	41239.39844	424.81	0	48.855927	-86.932916	56670.44	56230.6	19.42	56689.86	56683.46875	56654.71214	56639.59766	504920.8	5411442.2
L4920.0	504920.8	5411443.4	41239.39844	424.81	0	48.855937	-86.932916	56671.59	56230.6	19.42	56691.01	56684.53125	56656.65379	56640.96484	504920.8	5411443.4
L4920.0	504920.8	5411443.4	41239.60156	426.14	0	48.855937	-86.932916	56672.77	56230.6	19.43	56692.19	56685.62500	56659.17674	56642.91797	504920.8	5411443.4
L4920.0	504920.8	5411444.9	41239.69922	426.14	0	48.855951	-86.932916	56673.91	56230.6	19.43	56693.34	56686.69141	56660.80157	56643.98438	504920.8	5411444.9
L4920.0	504920.8	5411446.1	41239.80078	426.14	0	48.855962	-86.932916	56675.12	56230.6	19.43	56694.55	56687.82031	56663.79769	56646.42578	504920.8	5411446.1
L4920.0	504920.8	5411447.5	41239.89844	426.14	0	48.855974	-86.932916	56676.56	56230.6	19.44	56696.00	56689.19141	56672.68369	56654.76563	504920.8	5411447.5
L4920.0	504920.8	5411447.5	41240.00000	426.41	0	48.855974	-86.932916	56677.34	56230.6	19.44	56696.78	56689.89063	56664.73591	56646.28125	504920.8	5411447.5
L4920.0	504920.9	5411448.8	41240.00000	428.04	0	48.855986	-86.932916	56678.84	56230.6	19.44	56698.28	56691.31641	56674.71380	56655.73438	504920.9	5411448.8
L4920.0	504920.9	5411448.8	41240.19922	424.82	0	48.855986	-86.932916	56679.81	56230.6	19.44	56699.25	56692.21094	56671.39576	56651.89844	504920.9	5411448.8
L4920.0	504920.9	5411450.3	41240.30078	424.82	0	48.855999	-86.932915	56681.47	56230.6	19.45	56700.92	56693.80859	56685.54194	56665.53516	504920.9	5411450.3
L4920.0	504920.9	5411451.6	41240.39844	426.80	0	48.856011	-86.932916	56682.59	56230.6	19.45	56702.03	56694.85156	56685.68030	56665.17188	504920.9	5411451.6
L4920.0	504920.9	5411451.6	41240.50000	426.70	0	48.856011	-86.932916	56683.74	56230.5	19.45	56703.19	56695.94141	56687.07491	56666.07813	504920.9	5411451.6
L4920.0	504920.8	5411452.9	41240.60156	427.55	0	48.856023	-86.932916	56684.73	56230.5	19.45	56704.18	56696.86328	56684.24557	56662.76563	504920.8	5411452.9
L4920.0	504920.8	5411453.9	41240.69922	429.43	0	48.856032	-86.932916	56685.70	56230.5	19.45	56705.16	56697.77734	56681.20897	56659.26172	504920.8	5411453.9
L4920.0	504920.8	5411455.1	41240.80078	431.70	0	48.856043	-86.932916	56687.14	56230.5	19.46	56706.60	56699.15625	56689.72918	56667.32031	504920.8	5411455.1
L4920.0	504920.8	5411455.1	41240.89844	431.70	0	48.856043	-86.932916	56688.28	56230.5	19.46	56707.74	56700.23438	56690.82883	56667.96875	504920.8	5411455.1
L4920.0	504920.8	5411456.0	41240.89844	430.34	0	48.856051	-86.932916	56689.88	56230.5	19.46	56709.34	56701.77344	56703.51908	56680.22266	504920.8	5411456.0
L4920.0	504920.8	5411457.3	41241.10156	429.21	0	48.856062	-86.932916	56691.07	56230.5	19.46	56710.54	56702.91406	56706.32246	56682.59766	504920.8	5411457.3
L4920.0	504920.8	5411457.3	41241.19922	425.91	0	48.856062	-86.932916	56692.56	56230.5	19.46	56712.02	56704.33984	56716.24987	56692.10547	504920.8	5411457.3
L4920.0	504920.8	5411458.2	41241.30078	425.25	0	48.856071	-86.932917	56693.34	56230.5	19.47	56712.81	56705.07422	56709.07370	56684.52344	504920.8	5411458.2
L4920.0	504920.7	5411459.3	41241.39844	423.78	0	48.856081	-86.932917	56694.46	56230.5	19.47	56713.93	56706.14063	56710.30145	56685.35547	504920.7	5411459.3
L4920.0	504920.7	5411459.3	41241.50000	424.86	0	48.856081	-86.932917	56695.64	56230.5	19.47	56715.11	56707.26563	56713.19946	56687.86719	504920.7	5411459.3
L4920.0	504920.7	5411460.3	41241.60156	424.89	0	48.856090	-86.932917	56696.63	56230.5	19.47	56716.10	56708.20703	56711.53345	56685.82813	504920.7	5411460.3
L4920.0	504920.7	5411461.3	41241.69922	424.92	0	48.856098	-86.932917	56698.14	56230.5	19.47	56717.62	56709.67578	56723.31155	56697.24609	504920.7	5411461.3
L4920.0	504920.7	5411462.6	41241.80078	423.99	0	48.856110	-86.932918	56698.79	56230.5	19.48	56718.26	56710.26563	56713.30684	56686.89063	504920.7	5411462.6
L4920.0	504920.7	5411462.6	41241.89844	423.99	0	48.856110	-86.932918	56700.48	56230.5	19.48	56719.96	56711.92188	56730.01750	56703.26172	504920.7	5411462.6
L4920.0	504920.7	5411463.9	41242.00000	424.13	0	48.856122	-86.932918	56701.13	56230.5	19.48	56720.61	56712.52344	56720.72059	56693.63672	504920.7	5411463.9

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4920.0	504920.7	5411464.7	41242.10156	422.91	0	48.856129	-86.932918	56702.65	56230.5	19.48	56722.13	56714.00000	56733.41333	56706.01563	504920.7	5411464.7
L4920.0	504920.7	5411465.4	41242.19922	424.39	0	48.856136	-86.932918	56703.80	56230.5	19.48	56723.29	56715.11719	56737.36525	56709.66406	504920.7	5411465.4
L4920.0	504920.7	5411465.4	41242.30078	425.57	0	48.856136	-86.932918	56704.94	56230.5	19.49	56724.43	56716.21484	56741.08388	56713.08984	504920.7	5411465.4
L4920.0	504920.7	5411466.7	41242.39844	426.48	0	48.856147	-86.932918	56706.18	56230.5	19.49	56725.66	56717.40234	56747.32785	56719.05078	504920.7	5411466.7
L4920.0	504920.7	5411467.6	41242.50000	426.28	0	48.856156	-86.932917	56707.25	56230.5	19.49	56726.74	56718.44531	56750.10772	56721.56250	504920.7	5411467.6
L4920.0	504920.7	5411468.3	41242.60156	426.94	0	48.856161	-86.932917	56708.46	56230.5	19.49	56727.96	56719.62500	56756.67963	56727.87891	504920.7	5411468.3
L4920.0	504920.7	5411468.3	41242.69922	426.49	0	48.856161	-86.932917	56709.06	56230.5	19.49	56728.55	56720.17969	56747.80681	56718.76172	504920.7	5411468.3
L4920.0	504920.7	5411469.6	41242.80078	426.09	0	48.856173	-86.932917	56710.17	56230.5	19.50	56729.67	56721.26172	56752.48785	56723.21094	504920.7	5411469.6
L4920.0	504920.7	5411470.4	41242.89844	426.09	0	48.856180	-86.932917	56711.12	56230.5	19.50	56730.62	56722.17578	56753.23429	56723.73438	504920.7	5411470.4
L4920.0	504920.7	5411470.4	41242.89844	426.33	0	48.856180	-86.932917	56712.58	56230.5	19.50	56732.08	56723.60156	56767.04701	56737.33594	504920.7	5411470.4
L4920.0	504920.7	5411471.4	41243.00000	426.62	0	48.856189	-86.932917	56713.75	56230.5	19.50	56733.25	56724.73828	56773.93706	56744.03125	504920.7	5411471.4
L4920.0	504920.7	5411472.3	41243.19922	427.09	0	48.856198	-86.932917	56714.46	56230.5	19.50	56733.97	56725.42578	56769.91023	56739.81641	504920.7	5411472.3
L4920.0	504920.7	5411472.3	41243.30078	427.20	0	48.856198	-86.932917	56716.14	56230.5	19.51	56735.64	56727.06250	56789.96040	56759.69141	504920.7	5411472.3
L4920.0	504920.7	5411473.5	41243.39844	425.74	0	48.856209	-86.932917	56716.61	56230.5	19.51	56736.11	56727.50391	56780.35665	56749.92578	504920.7	5411473.5
L4920.0	504920.7	5411474.6	41243.50000	424.64	0	48.856218	-86.932917	56717.76	56230.5	19.51	56737.27	56728.63281	56788.33811	56757.75391	504920.7	5411474.6
L4920.0	504920.7	5411474.6	41243.60156	424.36	0	48.856218	-86.932917	56717.99	56230.5	19.51	56737.50	56728.83203	56773.41886	56742.69531	504920.7	5411474.6
L4920.0	504920.7	5411475.2	41243.69922	424.16	0	48.856224	-86.932917	56719.28	56230.5	19.51	56738.79	56730.09375	56785.33617	56754.48438	504920.7	5411475.2
L4920.0	504920.8	5411475.9	41243.80078	426.18	0	48.856229	-86.932917	56719.98	56230.5	19.52	56739.49	56730.76563	56782.85318	56751.88672	504920.8	5411475.9
L4920.0	504920.8	5411475.9	41243.89844	426.18	0	48.856229	-86.932917	56721.39	56230.5	19.52	56740.90	56732.14844	56798.46108	56767.38672	504920.8	5411475.9
L4920.0	504920.8	5411476.7	41244.00000	429.97	0	48.856237	-86.932916	56722.02	56230.5	19.52	56741.54	56732.76172	56795.17069	56764.00000	504920.8	5411476.7
L4920.0	504920.8	5411477.5	41244.10156	429.76	0	48.856244	-86.932916	56723.07	56230.5	19.52	56742.58	56733.77734	56802.22305	56770.96875	504920.8	5411477.5
L4920.0	504920.8	5411478.1	41244.19922	428.27	0	48.856250	-86.932916	56723.66	56230.5	19.51	56743.17	56734.33984	56798.37338	56767.04297	504920.8	5411478.1
L4920.0	504920.8	5411478.1	41244.30078	424.35	0	48.856250	-86.932916	56724.53	56230.5	19.51	56744.04	56735.18750	56801.86489	56770.46875	504920.8	5411478.1
L4920.0	504920.8	5411478.8	41244.39844	422.86	0	48.856256	-86.932916	56725.36	56230.5	19.51	56744.87	56735.99219	56804.69794	56773.25000	504920.8	5411478.8
L4920.0	504920.8	5411478.8	41244.50000	425.83	0	48.856256	-86.932916	56726.08	56230.5	19.50	56745.58	56736.67969	56804.87067	56773.37891	504920.8	5411478.8
L4920.0	504920.8	5411479.5	41244.60156	424.91	0	48.856262	-86.932917	56726.98	56230.5	19.50	56746.49	56737.56641	56810.37783	56778.85156	504920.8	5411479.5
L4920.0	504920.8	5411480.0	41244.69922	425.08	0	48.856267	-86.932917	56727.34	56230.5	19.50	56746.83	56737.88281	56801.97167	56770.42188	504920.8	5411480.0
L4920.0	504920.7	5411480.6	41244.80078	422.88	0	48.856272	-86.932917	56728.27	56230.5	19.50	56747.76	56738.78906	56808.63997	56777.07422	504920.7	5411480.6
L4920.0	504920.7	5411481.2	41244.89844	422.88	0	48.856278	-86.932917	56728.63	56230.5	19.49	56748.12	56739.12891	56801.38695	56769.81641	504920.7	5411481.2
L4920.0	504920.7	5411481.9	41244.89844	425.25	0	48.856284	-86.932917	56729.42	56230.5	19.49	56748.91	56739.89844	56805.20074	56773.63281	504920.7	5411481.9
L4920.0	504920.7	5411481.9	41245.00000	425.53	0	48.856284	-86.932917	56730.62	56230.5	19.49	56750.11	56741.07813	56819.57651	56788.01953	504920.7	5411481.9
L4920.0	504920.7	5411482.4	41245.19922	425.65	0	48.856288	-86.932917	56731.14	56230.5	19.49	56750.64	56741.58594	56817.51674	56785.98438	504920.7	5411482.4
L4920.0	504920.7	5411482.8	41245.30078	426.19	0	48.856292	-86.932917	56731.62	56230.5	19.50	56751.11	56742.03516	56814.26132	56782.75781	504920.7	5411482.8
L4920.0	504920.7	5411483.3	41245.39844	427.11	0	48.856296	-86.932917	56732.00	56230.5	19.50	56751.50	56742.40625	56809.30438	56777.83594	504920.7	5411483.3
L4920.0	504920.7	5411483.3	41245.50000	428.92	0	48.856296	-86.932917	56732.75	56230.5	19.50	56752.25	56743.13672	56813.63638	56782.21094	504920.7	5411483.3
L4920.0	504920.8	5411483.8	41245.60156	430.44	0	48.856301	-86.932916	56733.26	56230.5	19.50	56752.76	56743.62891	56812.25507	56780.88281	504920.8	5411483.8
L4920.0	504920.8	5411484.2	41245.69922	429.57	0	48.856305	-86.932916	56733.63	56230.5	19.50	56753.13	56743.98047	56807.65285	56776.33984	504920.8	5411484.2
L4920.0	504920.8	5411484.7	41245.80078	428.84	0	48.856309	-86.932916	56733.93	56230.5	19.51	56753.44	56744.26953	56801.82199	56770.57422	504920.8	5411484.7
L4920.0	504920.8	5411484.7	41245.89844	428.84	0	48.856309	-86.932916	56734.45	56230.5	19.51	56753.95	56744.76172	56801.25324	56770.07813	504920.8	5411484.7
L4920.0	504920.8	5411485.1	41246.00000	428.11	0	48.856313	-86.932916	56734.91	56230.5	19.51	56754.42	56745.21484	56799.94077	56768.84375	504920.8	5411485.1
L4920.0	504920.8	5411485.5	41246.10156	427.91	0	48.856316	-86.932916	56735.04	56230.5	19.51	56754.55	56745.32422	56790.37901	56759.36719	504920.8	5411485.5
L4920.0	504920.8	5411485.5	41246.19922	429.94	0	48.856316	-86.932916	56735.78	56230.5	19.51	56755.28	56746.03906	56796.05317	56765.13281	504920.8	5411485.5
L4920.0	504920.8	5411486.1	41246.30078	428.84	0	48.856321	-86.932915	56735.89	56230.5	19.50	56755.40	56746.14063	56786.71398	56755.89063	504920.8	5411486.1
L4920.0	504920.9	5411486.4	41246.39844	429.29	0	48.856324	-86.932915	56736.14	56230.5	19.50	56755.64	56746.36328	56780.59792	56749.87500	504920.9	5411486.4
L4920.0	504920.9	5411486.7	41246.50000	428.57	0	48.856327	-86.932915	56736.62	56230.5	19.50	56756.12	56746.82813	56780.69577	56750.07813	504920.9	5411486.7
L4920.0	504920.9	5411486.7	41246.60156	430.45	0	48.856327	-86.932915	56737.10	56230.5	19.50	56756.60	56747.28906	56781.00088	56750.49219	504920.9	5411486.7
L4920.0	504920.9	5411487.0	41246.69922	431.20	0	48.856330	-86.932914	56737.07	56230.5	19.50	56756.57	56747.24219	56768.75844	56738.36328	504920.9	5411487.0
L4920.0	504920.9	5411487.3	41246.80078	430.96	0	48.856332	-86.932914	56737.56	56230.5	19.49	56757.06	56747.71484	56769.70244	56739.42578	504920.9	5411487.3
L4920.0	504920.9	5411487.3	41246.89844	430.96	0	48.856332	-86.932914	56737.66	56230.5	19.49	56757.16	56747.80078	56761.08091	56730.92188	504920.9	5411487.3
L4920.0	504920.9	5411487.5	41246.89844	431.68	0	48.856334	-86.932914	56737.82	56230.5	19.49	56757.31	56747.93359	56753.88205	56723.84766	504920.9	5411487.5
L4920.0	504920.9	5411487.5	41247.00000	430.98	0	48.856334	-86.932914	56738.13	56230.5	19.49	56757.62	56748.22656	56750.84647	56720.93750	504920.9	5411487.5
L4920.0	504920.9	5411487.7	41247.19922	431.53	0	48.856336	-86.932914	56738.34	56230.5	19.49	56757.84	56748.42969	56745.71741	56715.93750	504920.9	5411487.7
L4920.0	504920.9	5411487.9	41247.30078	430.42	0	48.856337	-86.932914	56738.72	56230.5	19.49	56758.21	56748.78516	56744.48459	56714.83203	504920.9	5411487.9
L4920.0	504920.9	5411488.0	41247.39844	430.10	0	48.856339	-86.932914	56738.86	56230.5	19.49	56758.35	56748.90625	56737.64228	56708.12109	504920.9	5411488.0
L4920.0	504920.9	5411488.1	41247.50000	431.26	0	48.856340	-86.932914	56738.87	56230.5	19.49	56758.37	56748.91016	56727.93127	56698.54297	504920.9	5411488.1
L4920.0	504920.9	5411488.1	41247.60156	430.67	0	48.856340	-86.932914	56739.29	56230.5	19.50	56758.79	56749.31641	56728.33944	56699.08594	504920.9	5411488.1
L4920.0	504920.9	5411488.2	41247.69922	429.75	0	48.856341	-86.932914	56740.06	56230.5	19.50	56759.56	56750.07031	56737.60893	56708.48828	504920.9	5411488.2
L4925.0	504926.5	5409653.9	27686.00000	387.27	0	48.839839	-86.932861	56110.32	56229.8	20.17	56130.49	56182.92188	56225.48817	56192.08203	504926.5	5409653.9
L4925.0	504926.5	5409653.9	27686.09961	389.49	0	48.839839	-86.932861	56110.36	56229.8	20.17	56130.53	56182.32031	56227.74971	56195.25000	504926.5	5409653.9
L4925.0	504926.4	5409654.2	27686.19922	391.23	0	48.839842	-86.932861	56109.89	56229.8	20.17	56130.07	56181.21875	56218.67359	56187.07422	504926.4	5409654.2
L4925.0	504926.4	5409654.2	27686.30078	390.39	0	48.839842	-86.932861	56109.75	56229.8	20.17	56129.92	56180.42969	56217.09120	56186.39453	504926.4	5409654.2
L4925.0	504926.4	5409654.6	27686.40039	376.47	0	48.839846	-86.932862	56109.46	56229.8	20.17	56129.64	56179.50781	56212.77645	56182.98047	504926.4	5409654.6
L4925.0	504926.3	5409655.0	27686.50000	374.24	0	48.839849	-86.932863	56109.31	56229.8	20.18	56129.48	56178.70313	56211.54252	56182.64453	504926.3	5409655.0
L4925.0	504926.3	5409655.0	27686.59961	384.28	0	48.839849	-86.932863	56109.32	56229.8	20.18	56129.50	56178.07813	56214.78564	56186.78125	504926.3	5409655.0
L4925.0	504926.2	5409655.4	27686.69922	384.87	0	48.839853	-86.932864	56108.98	56229.8	20.18	56129.16	56177.08984	56209.95425	56182.83594	504926.2	5409655.4
L4925.0	504926.2	5409655.4	27686.80078	383.28	0	48.839853	-86.932864	56109.02	56229.8	20.18	56129.19	56176.46875	56214.01864	56187.78516	504926.2	5409655.4
L4925.0	504926.1	5409656.3	27686.90039	385.47	0	48.839861	-86.932865	56108.78	56229.8	20.18	56128.96	56175.58984	56212.33452	56186.98047	504926.1	5409656.3
L4925.0	504926.1	5409656.3	27687.00000	385.24	0	48.839861	-86.932865	56108.61	56229.8	20.18	56128.79	56174.76563	56212.34081	56187.85938	504926.1	5409656.3
L4925.0	504926.1	5409656.3	27687.09961	383.71	0	48.839861	-86.932865	56108.31	56229.8	20.18	56128.48	56173.79688	56209.38828	56185.77344	504926.1	5409656.3
L4925.0	504926.1	5409656.8	27687.19922	385.15	0	48.839865	-86.932866	56107.79	56229.8	20.18	56127.97	56172.62500	56202.08183	56179.32422	504926.1	5409656.8
L4925.0	504926.0	5409657.4	27687.30078	384.17	0	48.839871	-86.932866	56107.07	56229.8	20.18	56127.24	56171.23047	56189.95586	56168.05078	504926.0	5409657.4
L4925.0	504926.0	5409658.0	27687.40039	383.99	0	48.839876	-86.932867	56106.50	56229.8	20.18	56126.68	56170.00000	56182.07523	56161.01172	504926.0	5409658.0
L4925.0	504926.0	5409658.0	27687.50000	385.61	0	48.839876	-86.932867	56106.13	56229.8	20.17	56126.30	56168.94922	56178.67110	56158.43750	504926.0	5409658.0
L4925.0	504926.0	5409658.6	27687.59961	387.44	0	48.839881	-86.932867	56105.57	56229.8	20.17	56125.74	56167.71094	56171.37340	56151.96094	504926.0	5409658.6
L4925.0	504926.0	5409659.3	27687.69922	387.44	0	48.839888	-86.932867	56104.89	56229.8	20.17	56125.07	56166.35547	56161.80742	56143.20703	504926.0	5409659.3
L4925.0	504926.0	5409659.7	27687.80078	388.55	0	48.839892	-86.932867	56104.58	56229.8	20.17	56124.75	56165.34766	56160.66403	56142.86328	504926.0	5409659.7
L4925.0	504926.0	5409659.7	27687.90039	390.07	0	48.839892	-86.932867	56103.83	56229.8	20.17	56124.00	56163.90625	56149.80904	56132.79297	504926.0	5409659.7
L4925.0	504926.1	5409660.4	27688.00000	389.46	0	48.839898	-86.932866	56103.47	56229.8	20.17	56123.64	56162.84375	56148.30121	56132.06250	504926.1	5409660.4
L4925.0	504926.1	5409660.9	27688.09961	389.03	0	48.839903	-86.932866	56102.66	56229.8	20.17	56122.83	56161.32813	56136.61106	56121.13281	504926.1	5409660.9
L4925.0	504926.1	5409661.7	27688.19922	388.37	0	48.839909	-86.932866	56102.36	56229.8	20.18	56122.54	56160.32813	56137.28365	56122.55469	504926.1	5409661.7
L4925.0	504926.1	5409661.7	27688.30078	389.44	0	48.839909	-86.932866	56101.75	56229.8	20.18	56121.93	56159.00000	56130.78900	56116.78906	504926.1	5409661.7
L4925.0	504926.1	5409662.4	27688.40039	390.64	0	48.839916	-86.932865	56101.22	56229.8	20.19	56121.41	56157.75391	56126.65403	56113.37500	504926.1	5409662.4
L4925.0	504926.1	5409663.2	27688.50000	389.79	0	48.839923	-86.932865	56100.54	56229.8	20.19	56120.73	56156.34375	56119.06327	56106.48438	504926.1	5409663.2
L4925.0	504926.2	5409663.8	27688.59961	386.14	0	48.839928	-86.932865	56099.86	56229.8	20.19	56120.05	56154.92578	56111.73175	56099.83984	504926.2	5409663.8
L4925.0	504926.2	5409663.8	27688.69922	386.89	0	48.839928	-86.932865	56099.27	56229.8	20.20	56119.47	56153.59766	56106.97956	56095.75781	504926.2	5409663.8
L4925.0	504926.2	5409664.5	27688.80078	382.91	0	48.839935	-86.932864	56098.99	56229.8	20.20	56119.19	56152.56250	56109.45116	56098.87891	504926.2	5409664.5
L4925.0	504926.2	5409664.5	27688.90039	384.24	0	48.839935	-86.932864	56098.29	56229.8	20.21	56118.49	56151.10156	56102.40472	56092.46875	504926.2	5409664.5
L4925.0	504926.2	5409665.5	27689.00000	385.08	0	48.839943	-86.932864	56097.76	56229.8	20.21	56117.97	56149.80859	56099.78263	56090.46484	504926.2	5409665.5
L4925.0	504926.2	5409666.1	27689.09961	377.20	0	48.839949	-86.932864	56097.38	56229.8	20.21	56117.59	56148.65234	56100.64986	56091.92969	504926.2	5409666.1
L4925.0	504926.2	5409666.8	27689.19922	375.04	0	48.839955	-86.932864	56097.07	56229.8	20.21	56117.28	56147.55078	56103.37381	56095.23047	504926.2	5409666.8
L4925.0	504926.2	5409666.8	27689.30078	384.32	0	48.839955	-86.932864	56096.82	56229.8	20.21	56117.03	56146.50781	56107.71655	56100.12891	504926.2	5409666.8
L4925.0	504926.2	5409667.5	27689.40039	382.86	0	48.839962	-86.932863	56096.54	56229.8	20.21	56116.74	56145.41016	56111.34785	56104.30078	504926.2	5409667.5
L4925.0	504926.3	5409668.3	27689.50000	375.85	0	48.839969	-86.932863	56096.21	56229.8	20.20	56116.41	56144.26563	56114.26199	56107.73047	504926.3	5409668.3

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4925.0	504926.3	5409668.3	27689.59961	376.12	0	48.839969	-86.932863	56095.56	56229.8	20.20	56115.76	56142.78906	56109.94434	56103.91016	504926.3	5409668.3
L4925.0	504926.3	5409669.3	27689.69922	387.75	0	48.839978	-86.932863	56095.33	56229.8	20.20	56115.53	56141.72656	56115.59085	56110.03125	504926.3	5409669.3
L4925.0	504926.3	5409670.3	27689.80078	384.35	0	48.839987	-86.932862	56094.71	56229.8	20.20	56114.92	56140.27344	56112.59894	56107.49219	504926.3	5409670.3
L4925.0	504926.3	5409670.3	27689.90039	386.24	0	48.839987	-86.932862	56094.42	56229.8	20.20	56114.62	56139.12109	56117.00217	56112.32813	504926.3	5409670.3
L4925.0	504926.4	5409671.2	27690.00000	386.76	0	48.839995	-86.932862	56094.04	56229.8	20.20	56114.24	56137.87500	56119.72864	56115.46484	504926.4	5409671.2
L4925.0	504926.4	5409672.0	27690.09961	389.66	0	48.840002	-86.932861	56093.48	56229.8	20.20	56113.68	56136.44141	56118.44769	56114.56641	504926.4	5409672.0
L4925.0	504926.5	5409672.9	27690.19922	389.67	0	48.840010	-86.932860	56092.97	56229.8	20.21	56113.18	56135.05859	56118.73221	56115.21484	504926.5	5409672.9
L4925.0	504926.5	5409672.9	27690.30078	386.87	0	48.840010	-86.932860	56092.42	56229.8	20.21	56112.63	56133.61719	56118.01907	56114.83984	504926.5	5409672.9
L4925.0	504926.6	5409673.8	27690.40039	386.83	0	48.840018	-86.932859	56092.17	56229.8	20.22	56112.38	56132.46094	56124.43821	56121.57422	504926.6	5409673.8
L4925.0	504926.6	5409673.8	27690.50000	387.44	0	48.840018	-86.932859	56091.48	56229.8	20.22	56111.70	56130.86719	56121.01417	56118.44141	504926.6	5409673.8
L4925.0	504926.6	5409674.7	27690.59961	388.88	0	48.840027	-86.932858	56090.90	56229.8	20.22	56111.12	56129.36328	56120.06119	56117.75781	504926.6	5409674.7
L4925.0	504926.7	5409675.8	27690.69922	390.62	0	48.840036	-86.932858	56090.24	56229.8	20.23	56110.47	56127.77734	56117.62151	56115.55859	504926.7	5409675.8
L4925.0	504926.7	5409676.9	27690.80078	391.82	0	48.840046	-86.932857	56089.99	56229.8	20.23	56110.22	56126.58594	56124.61473	56122.76953	504926.7	5409676.9
L4925.0	504926.7	5409676.9	27690.90039	391.59	0	48.840046	-86.932857	56089.31	56229.8	20.24	56109.54	56124.94922	56121.74101	56120.08984	504926.7	5409676.9
L4925.0	504926.8	5409677.7	27691.00000	387.21	0	48.840053	-86.932856	56088.70	56229.8	20.24	56108.93	56123.37500	56120.61746	56119.13672	504926.8	5409677.7
L4925.0	504926.8	5409678.6	27691.09961	388.08	0	48.840061	-86.932856	56088.13	56229.8	20.24	56108.37	56121.83984	56120.77347	56119.43750	504926.8	5409678.6
L4925.0	504926.8	5409678.6	27691.19922	389.40	0	48.840061	-86.932856	56087.46	56229.8	20.24	56107.70	56120.18359	56118.48410	56117.26563	504926.8	5409678.6
L4925.0	504926.8	5409679.6	27691.30078	389.29	0	48.840070	-86.932856	56086.91	56229.8	20.25	56107.15	56118.64063	56119.09038	56117.96484	504926.8	5409679.6
L4925.0	504926.8	5409680.6	27691.40039	387.79	0	48.840080	-86.932856	56086.46	56229.8	20.25	56106.71	56117.19531	56122.35444	56121.30078	504926.8	5409680.6
L4925.0	504926.8	5409680.6	27691.50000	387.24	0	48.840080	-86.932856	56085.36	56229.8	20.25	56105.61	56115.08203	56110.37173	56109.36328	504926.8	5409680.6
L4925.0	504926.8	5409681.6	27691.59961	389.12	0	48.840089	-86.932856	56084.81	56229.7	20.25	56105.06	56113.51172	56111.26443	56110.27344	504926.8	5409681.6
L4925.0	504926.8	5409682.4	27691.69922	389.12	0	48.840095	-86.932856	56083.84	56229.7	20.25	56104.09	56111.50781	56102.47909	56101.48438	504926.8	5409682.4
L4925.0	504926.8	5409683.6	27691.80078	389.76	0	48.840107	-86.932856	56083.67	56229.7	20.26	56103.92	56110.30078	56112.37056	56111.34766	504926.8	5409683.6
L4925.0	504926.8	5409683.6	27691.90039	390.61	0	48.840107	-86.932856	56082.86	56229.7	20.26	56103.12	56108.44922	56107.69255	56106.61328	504926.8	5409683.6
L4925.0	504926.8	5409684.7	27692.00000	389.39	0	48.840117	-86.932856	56082.48	56229.7	20.26	56102.74	56107.01563	56112.84840	56111.69141	504926.8	5409684.7
L4925.0	504926.7	5409685.7	27692.09961	388.04	0	48.840125	-86.932857	56081.37	56229.7	20.26	56101.63	56104.83984	56101.10087	56099.84375	504926.7	5409685.7
L4925.0	504926.7	5409685.7	27692.19922	374.67	0	48.840125	-86.932857	56080.94	56229.7	20.27	56101.20	56103.33984	56105.22200	56103.83984	504926.7	5409685.7
L4925.0	504926.7	5409687.1	27692.30078	377.40	0	48.840138	-86.932857	56079.97	56229.7	20.27	56100.24	56101.30078	56097.08004	56095.54688	504926.7	5409687.1
L4925.0	504926.7	5409687.9	27692.40039	375.20	0	48.840145	-86.932857	56079.74	56229.7	20.27	56100.01	56099.98438	56105.96040	56104.25391	504926.7	5409687.9
L4925.0	504926.7	5409687.9	27692.50000	375.03	0	48.840145	-86.932857	56078.78	56229.7	20.28	56099.05	56097.93359	56097.92014	56096.01953	504926.7	5409687.9
L4925.0	504926.7	5409689.3	27692.59961	374.31	0	48.840158	-86.932857	56078.36	56229.7	20.28	56098.64	56096.42578	56102.70979	56100.58984	504926.7	5409689.3
L4925.0	504926.7	5409690.5	27692.69922	372.80	0	48.840168	-86.932857	56077.49	56229.7	20.28	56097.77	56094.45313	56096.84722	56094.48828	504926.7	5409690.5
L4925.0	504926.7	5409690.5	27692.80078	373.07	0	48.840168	-86.932857	56077.06	56229.7	20.28	56097.35	56092.92578	56101.48225	56098.85938	504926.7	5409690.5
L4925.0	504926.7	5409691.5	27692.90039	374.24	0	48.840178	-86.932858	56076.20	56229.7	20.29	56096.49	56090.95313	56095.92244	56093.01563	504926.7	5409691.5
L4925.0	504926.6	5409692.6	27693.00000	375.98	0	48.840187	-86.932858	56075.62	56229.7	20.29	56095.91	56089.25781	56096.90109	56093.69141	504926.6	5409692.6
L4925.0	504926.6	5409693.7	27693.09961	377.03	0	48.840197	-86.932858	56075.02	56229.7	20.29	56095.31	56087.53906	56097.44095	56093.90625	504926.6	5409693.7
L4925.0	504926.6	5409693.7	27693.19922	377.13	0	48.840197	-86.932858	56074.36	56229.7	20.29	56094.65	56085.75391	56096.60872	56092.73047	504926.6	5409693.7
L4925.0	504926.6	5409694.7	27693.30078	378.78	0	48.840206	-86.932858	56073.88	56229.7	20.30	56094.17	56084.14844	56099.98001	56095.73438	504926.6	5409694.7
L4925.0	504926.6	5409695.8	27693.40039	379.82	0	48.840216	-86.932858	56072.87	56229.7	20.30	56093.17	56082.02344	56091.27944	56086.64844	504926.6	5409695.8
L4925.0	504926.6	5409696.9	27693.50000	379.01	0	48.840226	-86.932858	56072.39	56229.7	20.30	56092.69	56080.41406	56094.67937	56089.64844	504926.6	5409696.9
L4925.0	504926.6	5409696.9	27693.59961	376.67	0	48.840226	-86.932858	56071.50	56229.7	20.30	56091.80	56078.39453	56088.55802	56083.10547	504926.6	5409696.9
L4925.0	504926.6	5409698.1	27693.69922	376.10	0	48.840237	-86.932858	56070.71	56229.7	20.30	56091.02	56076.48828	56085.00004	56079.10938	504926.6	5409698.1
L4925.0	504926.6	5409699.3	27693.80078	375.99	0	48.840248	-86.932858	56069.90	56229.7	20.31	56090.21	56074.54688	56080.74788	56074.40234	504926.6	5409699.3
L4925.0	504926.6	5409699.3	27693.90039	375.91	0	48.840248	-86.932858	56069.22	56229.7	20.31	56089.53	56072.74219	56079.51779	56072.70313	504926.6	5409699.3
L4925.0	504926.6	5409700.8	27694.00000	375.77	0	48.840261	-86.932858	56068.67	56229.7	20.31	56088.98	56071.06641	56081.30669	56074.00391	504926.6	5409700.8
L4925.0	504926.6	5409701.6	27694.09961	375.62	0	48.840268	-86.932858	56067.73	56229.7	20.31	56088.03	56068.99219	56073.79126	56065.98828	504926.6	5409701.6
L4925.0	504926.6	5409701.6	27694.19922	377.24	0	48.840268	-86.932858	56067.38	56229.7	20.30	56087.68	56067.52344	56080.21423	56071.89453	504926.6	5409701.6
L4925.0	504926.6	5409702.9	27694.30078	386.81	0	48.840280	-86.932859	56066.39	56229.7	20.30	56086.69	56065.41797	56071.74779	56062.89844	504926.6	5409702.9
L4925.0	504926.6	5409702.9	27694.40039	386.90	0	48.840280	-86.932859	56065.98	56229.7	20.29	56086.27	56063.88672	56076.51625	56067.12500	504926.6	5409702.9
L4925.0	504926.6	5409704.2	27694.50000	386.10	0	48.840292	-86.932859	56065.56	56229.7	20.29	56085.84	56062.35156	56081.03400	56071.08984	504926.6	5409704.2
L4925.0	504926.6	5409705.6	27694.59961	385.43	0	48.840304	-86.932859	56064.56	56229.7	20.29	56084.85	56060.25781	56072.51277	56062.00391	504926.6	5409705.6
L4925.0	504926.5	5409706.5	27694.69922	384.44	0	48.840312	-86.932859	56063.91	56229.7	20.28	56084.20	56058.51563	56071.87061	56060.78516	504926.5	5409706.5
L4925.0	504926.5	5409707.6	27694.80078	384.32	0	48.840322	-86.932859	56063.40	56229.7	20.28	56083.68	56056.91016	56074.22275	56062.55078	504926.5	5409707.6
L4925.0	504926.5	5409707.6	27694.90039	383.74	0	48.840322	-86.932859	56062.42	56229.7	20.27	56082.70	56054.85156	56065.85098	56053.58594	504926.5	5409707.6
L4925.0	504926.5	5409708.9	27695.00000	386.29	0	48.840334	-86.932859	56061.88	56229.7	20.27	56082.15	56053.23047	56067.44077	56054.57422	504926.5	5409708.9
L4925.0	504926.5	5409708.9	27695.09961	385.98	0	48.840334	-86.932859	56060.90	56229.7	20.27	56081.17	56051.19141	56058.99746	56045.51953	504926.5	5409708.9
L4925.0	504926.5	5409710.3	27695.19922	386.79	0	48.840347	-86.932859	56060.57	56229.7	20.27	56080.84	56049.81250	56065.62310	56051.52734	504926.5	5409710.3
L4925.0	504926.5	5409711.3	27695.30078	385.24	0	48.840355	-86.932860	56059.62	56229.7	20.27	56079.89	56047.82422	56057.79215	56043.07031	504926.5	5409711.3
L4925.0	504926.5	5409712.4	27695.40039	387.25	0	48.840366	-86.932860	56058.88	56229.7	20.27	56079.14	56046.04688	56054.56262	56039.21094	504926.5	5409712.4
L4925.0	504926.5	5409712.4	27695.50000	388.39	0	48.840366	-86.932860	56058.27	56229.7	20.27	56078.54	56044.42969	56054.76868	56038.78516	504926.5	5409712.4
L4925.0	504926.4	5409713.9	27695.59961	387.64	0	48.840379	-86.932860	56057.53	56229.7	20.27	56077.80	56042.68750	56051.66539	56035.04688	504926.4	5409713.9
L4925.0	504926.4	5409715.3	27695.69922	387.64	0	48.840391	-86.932860	56056.73	56229.7	20.27	56077.00	56040.90234	56047.10872	56029.84766	504926.4	5409715.3
L4925.0	504926.4	5409715.3	27695.80078	383.87	0	48.840391	-86.932860	56056.12	56229.7	20.27	56076.39	56039.31641	56046.90631	56029.00391	504926.4	5409715.3
L4925.0	504926.4	5409716.6	27695.90039	383.42	0	48.840404	-86.932861	56055.18	56229.7	20.27	56075.45	56037.41797	56038.96650	56020.42188	504926.4	5409716.6
L4925.0	504926.4	5409718.0	27696.00000	384.14	0	48.840416	-86.932861	56054.50	56229.7	20.27	56074.77	56035.79688	56037.00034	56017.81250	504926.4	5409718.0
L4925.0	504926.3	5409719.3	27696.09961	383.42	0	48.840428	-86.932862	56053.79	56229.7	20.27	56074.06	56034.16016	56034.26254	56014.42969	504926.3	5409719.3
L4925.0	504926.3	5409719.3	27696.19922	385.03	0	48.840428	-86.932862	56053.21	56229.7	20.27	56073.47	56032.66406	56034.23587	56013.76172	504926.3	5409719.3
L4925.0	504926.3	5409720.7	27696.30078	383.88	0	48.840440	-86.932862	56052.78	56229.7	20.27	56073.05	56031.35156	56038.07843	56016.96094	504926.3	5409720.7
L4925.0	504926.3	5409721.7	27696.40039	385.05	0	48.840449	-86.932862	56051.97	56229.7	20.27	56072.24	56029.67188	56032.76836	56011.01563	504926.3	5409721.7
L4925.0	504926.3	5409723.2	27696.50000	385.95	0	48.840462	-86.932862	56051.24	56229.7	20.26	56071.50	56028.08203	56028.99438	56006.60547	504926.3	5409723.2
L4925.0	504926.3	5409723.2	27696.59961	386.06	0	48.840462	-86.932862	56051.04	56229.7	20.26	56071.30	56027.04688	56037.67762	56014.66016	504926.3	5409723.2
L4925.0	504926.3	5409724.8	27696.69922	388.01	0	48.840477	-86.932862	56050.40	56229.7	20.26	56070.66	56025.59766	56036.03279	56012.39063	504926.3	5409724.8
L4925.0	504926.3	5409726.2	27696.80078	388.21	0	48.840490	-86.932862	56049.59	56229.7	20.26	56069.86	56024.00781	56030.56420	56006.30078	504926.3	5409726.2
L4925.0	504926.3	5409726.2	27696.90039	386.02	0	48.840490	-86.932862	56048.86	56229.7	20.26	56069.12	56022.50000	56026.38135	56001.50781	504926.3	5409726.2
L4925.0	504926.3	5409727.6	27697.00000	386.74	0	48.840502	-86.932862	56047.90	56229.7	20.26	56068.16	56020.79297	56016.97083	55991.49219	504926.3	5409727.6
L4925.0	504926.3	5409727.6	27697.09961	389.13	0	48.840502	-86.932862	56047.80	56229.7	20.26	56068.06	56019.97266	56027.43341	56001.35547	504926.3	5409727.6
L4925.0	504926.4	5409729.6	27697.19922	389.12	0	48.840520	-86.932861	56047.14	56229.7	20.26	56067.41	56018.62500	56024.98788	55998.32422	504926.4	5409729.6
L4925.0	504926.4	5409730.6	27697.30078	390.17	0	48.840529	-86.932861	56046.30	56229.7	20.26	56066.56	56017.10156	56017.76555	55990.51953	504926.4	5409730.6
L4925.0	504926.4	5409730.6	27697.40039	387.67	0	48.840529	-86.932861	56046.00	56229.7	20.26	56066.27	56016.16016	56023.42846	55995.61328	504926.4	5409730.6
L4925.0	504926.4	5409731.6	27697.50000	376.48	0	48.840539	-86.932860	56045.17	56229.7	20.26	56065.44	56014.70703	56016.40155	55988.02734	504926.4	5409731.6
L4925.0	504926.5	5409733.1	27697.59961	376.13	0	48.840552	-86.932860	56044.79	56229.7	20.27	56065.05	56013.72266	56019.46090	55990.54297	504926.5	5409733.1
L4925.0	504926.5	5409734.3	27697.69922	387.69	0	48.840563	-86.932859	56044.03	56229.7	20.27	56064.30	56012.39844	56014.00517	55984.55078	504926.5	5409734.3
L4925.0	504926.5	5409734.3	27697.80078	386.23	0	48.840563	-86.932859	56043.77	56229.7	20.27	56064.04	56011.59375	56019.78853	55989.81250	504926.5	5409734.3
L4925.0	504926.6	5409735.8	27697.90039	383.15	0	48.840576	-86.932858	56043.07	56229.7	20.27	56063.33	56010.36719	56014.95525	55984.46875	504926.6	5409735.8
L4925.0	504926.6	5409737.0	27698.00000	381.94	0	48.840587	-86.932858	56042.48	56229.7	20.27	56062.75	56009.29688	56012.98321	55982.00000	504926.6	5409737.0
L4925.0	504926.6	5409737.0	27698.09961	381.52	0	48.840587	-86.932858	56042.00	56229.7	20.27	56062.27	56008.35938	56013.17041	55981.70703	504926.6	5409737.0
L4925.0	504926.6	5409738.7	27698.19922	383.15	0	48.840602	-86.932857	56041.53	56229.7	20.27	56061.79	56007.44531	56013.18770	55981.26172	504926.6	5409738.7
L4925.0	504926.6	5409738.7	27698.30078	384.99	0	48.840602	-86.932857	56040.99	56229.7	20.27	56061.26	56006.51172	56011.86829	55979.48828	504926.6	5409738.7
L4925.0	504926.7	5409739.9	27698.40039	385.41	0	48.840613	-86.932857	56040.41	56229.7	20.27	56060.68	56005.55859	56009.20773	55976.39453	504926.7	5409739.9
L4925.0	504926.7	5409741.4	27698.50000	384.82	0	48.840626	-86.932856	56040.28	56229.7	20.26	56060.54	56005.07031	56016.59209	55983.35938	504926.7	5409741.4
L4925.0	504926.7	5409742.7	27698.59961	384.69	0	48.840638	-86.932856	56039.81	56229.7	20.26	56060.07	56004.28906	56016.11789	55982.48438	504926.7	5409742.7
L4925.0	504926.7	5409744.2	27698.69922	375.13	0	48.840652	-86.932856	56039.32	56229.7	20.26	56059.59	56003.52344	56015.21961	55981.20313	504926.7	5409744.2
L4925.0	504926.7	5409744.2	27698.80078	376.29	0	48.840652	-86.932856	56039.04	56229.7	20.26	56059.31	56002.98828	56018.77484	55984.39063	504926.7	5409744.2

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4925.0	504926.7	5409746.0	27698.90039	384.36	0	48.840668	-86.932856	56038.41	56229.7	20.26	56058.67	56002.12500	56013.76202	55979.03125	504926.7	5409746.0
L4925.0	504926.7	5409747.0	27699.00000	386.39	0	48.840677	-86.932856	56037.65	56229.7	20.26	56057.91	56001.17188	56005.75638	55970.69531	504926.7	5409747.0
L4925.0	504926.7	5409748.4	27699.09961	386.80	0	48.840689	-86.932856	56037.40	56229.7	20.26	56057.66	56000.75781	56009.39912	55974.02734	504926.7	5409748.4
L4925.0	504926.7	5409748.4	27699.19922	387.46	0	48.840689	-86.932856	56036.92	56229.7	20.26	56057.18	56000.14844	56007.48490	55971.82422	504926.7	5409748.4
L4925.0	504926.7	5409750.2	27699.30078	387.29	0	48.840706	-86.932857	56036.54	56229.7	20.26	56056.80	55999.66797	56007.68153	55971.74609	504926.7	5409750.2
L4925.0	504926.7	5409751.4	27699.40039	388.94	0	48.840717	-86.932857	56035.81	56229.7	20.26	56056.07	55998.86719	55999.52527	55963.33594	504926.7	5409751.4
L4925.0	504926.7	5409751.4	27699.50000	389.48	0	48.840717	-86.932857	56035.51	56229.7	20.26	56055.76	55998.51953	56000.91245	55964.49219	504926.7	5409751.4
L4925.0	504926.7	5409752.9	27699.59961	389.28	0	48.840730	-86.932857	56035.25	56229.7	20.25	56055.50	55998.25391	56003.23936	55966.60547	504926.7	5409752.9
L4925.0	504926.7	5409752.9	27699.69922	389.28	0	48.840730	-86.932857	56034.82	56229.7	20.25	56055.08	55997.85938	56001.62186	55964.79688	504926.7	5409752.9
L4925.0	504926.7	5409754.4	27699.80078	387.33	0	48.840744	-86.932857	56034.44	56229.7	20.25	56054.69	55997.52734	56000.47432	55963.47656	504926.7	5409754.4
L4925.0	504926.7	5409755.8	27699.90039	387.75	0	48.840756	-86.932857	56033.93	56229.7	20.25	56054.18	55997.10547	55996.30776	55959.16016	504926.7	5409755.8
L4925.0	504926.7	5409757.1	27700.00000	376.47	0	48.840767	-86.932857	56033.81	56229.8	20.25	56054.06	55997.10156	56000.97564	55963.69922	504926.7	5409757.1
L4925.0	504926.7	5409757.1	27700.09961	375.68	0	48.840767	-86.932857	56033.46	56229.8	20.25	56053.71	55996.90234	56000.06392	55962.67969	504926.7	5409757.1
L4925.0	504926.6	5409759.1	27700.19922	387.87	0	48.840785	-86.932857	56033.05	56229.8	20.25	56053.30	55996.67578	55997.52299	55960.05078	504926.6	5409759.1
L4925.0	504926.6	5409760.2	27700.30078	390.04	0	48.840796	-86.932857	56032.82	56229.8	20.25	56053.07	55996.65625	55998.93068	55961.39063	504926.6	5409760.2
L4925.0	504926.6	5409760.2	27700.40039	391.38	0	48.840796	-86.932857	56032.39	56229.8	20.25	56052.64	55996.46875	55995.45267	55957.86719	504926.6	5409760.2
L4925.0	504926.6	5409761.4	27700.50000	391.00	0	48.840807	-86.932857	56032.37	56229.8	20.25	56052.62	55996.72266	56001.26825	55963.66016	504926.6	5409761.4
L4925.0	504926.6	5409761.4	27700.59961	389.94	0	48.840807	-86.932857	56031.96	56229.8	20.25	56052.21	55996.61719	55997.78042	55960.16797	504926.6	5409761.4
L4925.0	504926.6	5409764.6	27700.69922	388.68	0	48.840835	-86.932858	56031.58	56229.8	20.25	56051.83	55996.57031	55994.75228	55957.16016	504926.6	5409764.6
L4925.0	504926.6	5409764.6	27700.80078	387.97	0	48.840835	-86.932858	56031.56	56229.8	20.25	56051.81	55996.91016	55999.85511	55962.30078	504926.6	5409764.6
L4925.0	504926.6	5409766.3	27700.90039	388.20	0	48.840850	-86.932858	56031.20	56229.8	20.25	56051.45	55996.94531	55996.81729	55959.32422	504926.6	5409766.3
L4925.0	504926.6	5409766.3	27701.00000	388.46	0	48.840850	-86.932858	56031.08	56229.8	20.25	56051.33	55997.24609	55999.12209	55961.71094	504926.6	5409766.3
L4925.0	504926.6	5409768.0	27701.09961	389.19	0	48.840866	-86.932858	56030.62	56229.8	20.25	56050.87	55997.23438	55993.28795	55955.98047	504926.6	5409768.0
L4925.0	504926.5	5409769.2	27701.19922	378.76	0	48.840876	-86.932858	56030.04	56229.8	20.25	56050.29	55997.13281	55984.43023	55947.24609	504926.5	5409769.2
L4925.0	504926.5	5409769.2	27701.30078	378.80	0	48.840876	-86.932858	56029.91	56229.8	20.25	56050.16	55997.50781	55985.80057	55948.76172	504926.5	5409769.2
L4925.0	504926.5	5409771.0	27701.40039	377.43	0	48.840893	-86.932859	56030.24	56229.8	20.25	56050.49	55998.37109	55997.63328	55960.75781	504926.5	5409771.0
L4925.0	504926.5	5409772.9	27701.50000	376.73	0	48.840910	-86.932859	56030.12	56229.8	20.25	56050.37	55998.80859	55998.77685	55962.08594	504926.5	5409772.9
L4925.0	504926.5	5409774.0	27701.59961	376.00	0	48.840920	-86.932859	56029.82	56229.8	20.25	56050.07	55999.09766	55995.51006	55959.02734	504926.5	5409774.0
L4925.0	504926.5	5409774.0	27701.69922	373.33	0	48.840920	-86.932859	56029.54	56229.8	20.25	56049.79	55999.42969	55992.48476	55956.22656	504926.5	5409774.0
L4925.0	504926.4	5409775.6	27701.80078	373.50	0	48.840934	-86.932860	56029.56	56229.8	20.25	56049.81	56000.08594	55996.21276	55960.19922	504926.4	5409775.6
L4925.0	504926.4	5409777.1	27701.90039	374.01	0	48.840948	-86.932860	56029.54	56229.8	20.25	56049.79	56000.73047	55998.79377	55963.04297	504926.4	5409777.1
L4925.0	504926.4	5409777.1	27702.00000	374.06	0	48.840948	-86.932860	56029.16	56229.8	20.25	56049.41	56001.03516	55992.79271	55957.32422	504926.4	5409777.1
L4925.0	504926.4	5409778.6	27702.09961	373.71	0	48.840961	-86.932861	56028.95	56229.7	20.25	56049.20	56001.53516	55990.53365	55955.36719	504926.4	5409778.6
L4925.0	504926.4	5409778.6	27702.19922	373.16	0	48.840961	-86.932861	56028.70	56229.7	20.25	56048.95	56002.01953	55987.13910	55952.29688	504926.4	5409778.6
L4925.0	504926.3	5409780.4	27702.30078	373.20	0	48.840977	-86.932861	56029.00	56229.7	20.25	56049.26	56003.08594	55996.56089	55962.05469	504926.3	5409780.4
L4925.0	504926.3	5409782.1	27702.40039	375.71	0	48.840993	-86.932862	56028.72	56229.7	20.25	56048.98	56003.58203	55992.07105	55957.92188	504926.3	5409782.1
L4925.0	504926.2	5409783.5	27702.50000	377.05	0	48.841005	-86.932862	56028.80	56229.7	20.25	56049.06	56004.46094	55995.75796	55961.98047	504926.2	5409783.5
L4925.0	504926.2	5409783.5	27702.59961	375.40	0	48.841005	-86.932862	56028.60	56229.7	20.26	56048.85	56005.07031	55992.51704	55959.13281	504926.2	5409783.5
L4925.0	504926.2	5409785.1	27702.69922	375.62	0	48.841020	-86.932863	56028.65	56229.7	20.26	56048.90	56005.96094	55995.13891	55962.16406	504926.2	5409785.1
L4925.0	504926.2	5409785.1	27702.80078	374.21	0	48.841020	-86.932863	56028.57	56229.7	20.26	56048.83	56006.75000	55994.79584	55962.24219	504926.2	5409785.1
L4925.0	504926.1	5409786.7	27702.90039	372.41	0	48.841034	-86.932864	56028.65	56229.7	20.26	56048.91	56007.70703	55997.77011	55965.65625	504926.1	5409786.7
L4925.0	504926.1	5409788.3	27703.00000	375.44	0	48.841049	-86.932865	56028.68	56229.7	20.26	56048.94	56008.62891	55999.41874	55967.76172	504926.1	5409788.3
L4925.0	504926.0	5409789.7	27703.09961	374.22	0	48.841061	-86.932865	56028.63	56229.7	20.26	56048.88	56009.48047	55998.81829	55967.62891	504926.0	5409789.7
L4925.0	504926.0	5409789.7	27703.19922	372.93	0	48.841061	-86.932865	56028.68	56229.7	20.26	56048.93	56010.45703	56000.62454	55969.92188	504926.0	5409789.7
L4925.0	504926.0	5409791.3	27703.30078	371.65	0	48.841075	-86.932865	56028.45	56229.7	20.25	56048.70	56011.17188	55995.77849	55965.57422	504926.0	5409791.3
L4925.0	504926.0	5409791.3	27703.40039	372.58	0	48.841075	-86.932865	56028.52	56229.7	20.25	56048.78	56012.20703	55998.00219	55968.30859	504926.0	5409791.3
L4925.0	504926.0	5409792.6	27703.50000	375.73	0	48.841087	-86.932866	56028.47	56229.8	20.25	56048.72	56013.11719	55996.84231	55967.67188	504926.0	5409792.6
L4925.0	504925.9	5409794.5	27703.59961	377.20	0	48.841104	-86.932866	56028.42	56229.8	20.25	56048.67	56014.05469	55995.79320	55967.16406	504925.9	5409794.5
L4925.0	504925.9	5409795.8	27703.69922	378.11	0	48.841116	-86.932866	56028.32	56229.8	20.25	56048.57	56014.94922	55993.46776	55965.38672	504925.9	5409795.8
L4925.0	504925.9	5409797.1	27703.80078	374.19	0	48.841127	-86.932866	56028.75	56229.8	20.24	56048.99	56016.37891	56003.12393	55975.60156	504925.9	5409797.1
L4925.0	504925.9	5409797.1	27703.90039	373.58	0	48.841127	-86.932866	56028.75	56229.8	20.24	56048.99	56017.39844	56002.91871	55975.96875	504925.9	5409797.1
L4925.0	504925.9	5409798.4	27704.00000	373.34	0	48.841139	-86.932867	56028.88	56229.8	20.24	56049.12	56018.55469	56005.64549	55979.27734	504925.9	5409798.4
L4925.0	504925.9	5409799.8	27704.09961	372.18	0	48.841152	-86.932867	56028.93	56229.8	20.24	56049.17	56019.64453	56006.43100	55980.65625	504925.9	5409799.8
L4925.0	504925.9	5409801.6	27704.19922	370.58	0	48.841168	-86.932867	56028.83	56229.8	20.25	56049.07	56020.58984	56003.65658	55978.48438	504925.9	5409801.6
L4925.0	504925.9	5409801.6	27704.30078	371.83	0	48.841168	-86.932867	56028.75	56229.8	20.25	56049.00	56021.57422	56001.51512	55976.95703	504925.9	5409801.6
L4925.0	504925.9	5409803.4	27704.40039	374.17	0	48.841184	-86.932867	56029.05	56229.7	20.25	56049.30	56022.93359	56007.91900	55983.97656	504925.9	5409803.4
L4925.0	504925.9	5409803.4	27704.50000	375.90	0	48.841184	-86.932867	56029.13	56229.7	20.25	56049.39	56024.08594	56009.39463	55986.08203	504925.9	5409803.4
L4925.0	504925.9	5409804.7	27704.59961	378.78	0	48.841196	-86.932867	56029.43	56229.7	20.26	56049.69	56025.45703	56015.71431	55993.03906	504925.9	5409804.7
L4925.0	504925.9	5409806.4	27704.69922	379.10	0	48.841212	-86.932867	56029.38	56229.7	20.26	56049.64	56026.48438	56013.86959	55991.83594	504925.9	5409806.4
L4925.0	504925.9	5409808.1	27704.80078	376.99	0	48.841226	-86.932867	56029.36	56229.7	20.26	56049.62	56027.54297	56012.70319	55991.31641	504925.9	5409808.1
L4925.0	504925.9	5409808.1	27704.90039	377.62	0	48.841226	-86.932867	56029.54	56229.7	20.27	56049.81	56028.81250	56016.40875	55995.67578	504925.9	5409808.1
L4925.0	504925.9	5409810.0	27705.00000	379.61	0	48.841243	-86.932867	56029.56	56229.7	20.27	56049.83	56029.91406	56016.16240	55996.08984	504925.9	5409810.0
L4925.0	504925.9	5409811.3	27705.09961	380.20	0	48.841255	-86.932867	56029.54	56229.7	20.27	56049.81	56030.98047	56014.99568	55995.58984	504925.9	5409811.3
L4925.0	504925.9	5409812.3	27705.19922	380.09	0	48.841264	-86.932867	56029.74	56229.7	20.28	56050.02	56032.27344	56019.19465	56000.45703	504925.9	5409812.3
L4925.0	504925.9	5409812.3	27705.30078	378.96	0	48.841264	-86.932867	56029.78	56229.7	20.28	56050.06	56033.39844	56019.47075	56001.40625	504925.9	5409812.3
L4925.0	504925.9	5409813.7	27705.40039	377.80	0	48.841277	-86.932867	56029.94	56229.7	20.29	56050.22	56034.64063	56022.57511	56005.18750	504925.9	5409813.7
L4925.0	504925.9	5409815.4	27705.50000	376.57	0	48.841292	-86.932866	56029.64	56229.7	20.29	56049.93	56035.42969	56015.26751	55998.55859	504925.9	5409815.4
L4925.0	504925.9	5409815.4	27705.59961	376.94	0	48.841292	-86.932866	56029.84	56229.7	20.29	56050.13	56036.70703	56019.40896	56003.38281	504925.9	5409815.4
L4925.0	504925.9	5409816.8	27705.69922	376.23	0	48.841304	-86.932866	56029.94	56229.7	20.30	56050.24	56037.89063	56021.52689	56006.18359	504925.9	5409816.8
L4925.0	504925.9	5409818.6	27705.80078	375.23	0	48.841321	-86.932866	56030.06	56229.7	20.30	56050.36	56039.08203	56023.95595	56009.30078	504925.9	5409818.6
L4925.0	504925.9	5409818.6	27705.90039	374.47	0	48.841321	-86.932866	56030.24	56229.7	20.31	56050.55	56040.33594	56028.10095	56014.12891	504925.9	5409818.6
L4925.0	504926.0	5409821.5	27706.00000	375.78	0	48.841347	-86.932866	56030.12	56229.7	20.31	56050.43	56041.27344	56025.13863	56011.85547	504926.0	5409821.5
L4925.0	504926.0	5409821.5	27706.09961	377.30	0	48.841347	-86.932866	56030.17	56229.7	20.31	56050.48	56042.37891	56026.23709	56013.64063	504926.0	5409821.5
L4925.0	504926.0	5409822.8	27706.19922	377.56	0	48.841359	-86.932865	56030.06	56229.7	20.31	56050.37	56043.31641	56023.73540	56011.82813	504926.0	5409822.8
L4925.0	504926.0	5409824.4	27706.30078	388.36	0	48.841373	-86.932865	56030.24	56229.7	20.30	56050.54	56044.52344	56027.87186	56016.64844	504926.0	5409824.4
L4925.0	504926.0	5409824.4	27706.40039	388.41	0	48.841373	-86.932865	56030.50	56229.7	20.30	56050.80	56045.81250	56034.23997	56023.70313	504926.0	5409824.4
L4925.0	504926.0	5409826.4	27706.50000	386.96	0	48.841391	-86.932865	56030.60	56229.7	20.30	56050.90	56046.93359	56037.03846	56027.18359	504926.0	5409826.4
L4925.0	504926.0	5409828.3	27706.59961	386.61	0	48.841408	-86.932865	56030.42	56229.7	20.30	56050.72	56047.76563	56033.48802	56024.31641	504926.0	5409828.3
L4925.0	504926.0	5409828.3	27706.69922	386.06	0	48.841408	-86.932865	56030.55	56229.7	20.30	56050.84	56048.89063	56037.08137	56028.58984	504926.0	5409828.3
L4925.0	504926.0	5409830.0	27706.80078	386.98	0	48.841423	-86.932865	56030.70	56229.7	20.29	56050.99	56050.03125	56041.55231	56033.73438	504926.0	5409830.0
L4925.0	504926.0	5409830.0	27706.90039	387.13	0	48.841423	-86.932865	56030.82	56229.7	20.29	56051.12	56051.14063	56045.74868	56038.60547	504926.0	5409830.0
L4925.0	504926.0	5409831.3	27707.00000	386.96	0	48.841435	-86.932865	56030.57	56229.7	20.29	56050.86	56051.85156	56041.07967	56034.60547	504926.0	5409831.3
L4925.0	504926.0	5409833.4	27707.09961	388.25	0	48.841454	-86.932865	56030.50	56229.7	20.29	56050.79	56052.73828	56041.03790	56035.23047	504926.0	5409833.4
L4925.0	504926.0	5409833.4	27707.19922	389.90	0	48.841454	-86.932865	56030.57	56229.7	20.29	56050.86	56053.75000	56044.47113	56039.32813	504926.0	5409833.4
L4925.0	504926.0	5409834.9	27707.30078	387.28	0	48.841468	-86.932865	56030.46	56229.7	20.29	56050.76	56054.58203	56044.18317	56039.69922	504926.0	5409834.9
L4925.0	504926.0	5409836.5	27707.40039	386.37	0	48.841482	-86.932865	56030.45	56229.7	20.29	56050.74	56055.48047	56045.99543	56042.16406	504926.0	5409836.5
L4925.0	504926.0	5409837.9	27707.50000	386.85	0	48.841495	-86.932865	56030.34	56229.7	20.30	56050.64	56056.28516	56046.19849	56043.01563	504926.0	5409837.9
L4925.0	504926.0	5409837.9	27707.59961	384.83	0	48.841495	-86.932865	56030.07	56229.7	20.30	56050.36	56056.89453	56042.47763	56039.93750	504926.0	5409837.9
L4925.0	504926.0	5409839.7	27707.69922	384.83	0	48.841511	-86.932865	56030.04	56229.7	20.30	56050.34	56057.75000	56045.07077	56043.16797	504926.0	5409839.7
L4925.0	504926.0	5409839.7	27707.80078	386.57	0	48.841511	-86.932865	56029.74	56229.7	20.30	56050.04	56058.30859	56041.43493	56040.16406	504926.0	5409839.7
L4925.0	504926.0	5409841.2	27707.90039	387.84	0	48.841524	-86.932865	56030.12	56229.7	20.30	56050.42	56059.53516	56053.89569	56053.25000	504926.0	5409841.2
L4925.0	504926.0	5409842.6	27708.00000	385.10	0	48.841537	-86.932865	56029.89	56229.7	20.30	56050.19	56060.13281	56052.47560	56052.45313	504926.0	5409842.6
L4925.0	504926.0	5409842.6	27708.09961	386.83	0	48.841537	-86.932865	56029.66	56229.7	20.31	56049.97	56060.72656	56051.59652	56052.18750	504926.0	5409842.6

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4925.0	504926.0	5409844.6	27708.19922	386.44	0	48.841554	-86.932864	56029.54	56229.7	20.31	56049.85	56061.40234	56053.35998	56054.55859	504926.0	5409844.6
L4925.0	504926.0	5409846.2	27708.30078	385.22	0	48.841569	-86.932864	56029.34	56229.7	20.32	56049.65	56061.98438	56053.59105	56055.39063	504926.0	5409846.2
L4925.0	504926.0	5409846.2	27708.40039	384.26	0	48.841569	-86.932864	56029.21	56229.7	20.32	56049.53	56062.62891	56056.01828	56058.41406	504926.0	5409846.2
L4925.0	504926.0	5409847.9	27708.50000	383.44	0	48.841584	-86.932864	56028.92	56229.7	20.33	56049.25	56063.09375	56055.07178	56058.05469	504926.0	5409847.9
L4925.0	504926.1	5409849.6	27708.59961	381.73	0	48.841600	-86.932864	56028.63	56229.7	20.34	56048.96	56063.53516	56054.24742	56057.81250	504926.1	5409849.6
L4925.0	504926.1	5409849.6	27708.69922	382.35	0	48.841600	-86.932864	56028.55	56229.7	20.34	56048.89	56064.17969	56058.90061	56063.03906	504926.1	5409849.6
L4925.0	504926.1	5409851.0	27708.80078	385.17	0	48.841613	-86.932864	56028.13	56229.7	20.35	56048.47	56064.45703	56055.79003	56060.49609	504926.1	5409851.0
L4925.0	504926.1	5409852.2	27708.90039	384.76	0	48.841624	-86.932864	56027.66	56229.6	20.35	56048.02	56064.68359	56052.36295	56057.63281	504926.1	5409852.2
L4925.0	504926.1	5409853.8	27709.00000	384.75	0	48.841637	-86.932863	56027.41	56229.6	20.36	56047.77	56065.09766	56053.97439	56059.79688	504926.1	5409853.8
L4925.0	504926.1	5409853.8	27709.09961	384.09	0	48.841637	-86.932863	56027.18	56229.6	20.36	56047.55	56065.51953	56056.68092	56063.05078	504926.1	5409853.8
L4925.0	504926.1	5409855.6	27709.19922	384.13	0	48.841654	-86.932863	56026.83	56229.6	20.37	56047.19	56065.78906	56056.53897	56063.44922	504926.1	5409855.6
L4925.0	504926.1	5409857.3	27709.30078	386.62	0	48.841669	-86.932863	56026.35	56229.6	20.37	56046.72	56065.92578	56054.25396	56061.69922	504926.1	5409857.3
L4925.0	504926.1	5409857.3	27709.40039	387.54	0	48.841669	-86.932863	56025.96	56229.6	20.37	56046.34	56066.14063	56054.48291	56062.45313	504926.1	5409857.3
L4925.0	504926.1	5409859.2	27709.50000	387.47	0	48.841686	-86.932863	56025.62	56229.6	20.38	56045.99	56066.36328	56055.83880	56064.33203	504926.1	5409859.2
L4925.0	504926.1	5409860.4	27709.59961	388.77	0	48.841697	-86.932863	56025.48	56229.6	20.38	56045.86	56066.78906	56062.74585	56071.75000	504926.1	5409860.4
L4925.0	504926.1	5409862.1	27709.59961	388.77	0	48.841712	-86.932863	56024.93	56229.6	20.38	56045.31	56066.78125	56060.33410	56069.84375	504926.1	5409862.1
L4925.0	504926.1	5409862.1	27709.69922	387.24	0	48.841712	-86.932863	56024.71	56229.6	20.38	56045.09	56067.08203	56066.04503	56076.05469	504926.1	5409862.1
L4925.0	504926.1	5409864.2	27709.90039	389.42	0	48.841731	-86.932863	56023.74	56229.6	20.39	56044.13	56066.62891	56055.01261	56065.51953	504926.1	5409864.2
L4925.0	504926.1	5409864.2	27710.00000	390.84	0	48.841731	-86.932863	56023.04	56229.6	20.39	56043.43	56066.41797	56050.48933	56061.48438	504926.1	5409864.2
L4925.0	504926.1	5409866.0	27710.09961	391.35	0	48.841747	-86.932863	56022.51	56229.6	20.39	56042.90	56066.35938	56050.38958	56061.86719	504926.1	5409866.0
L4925.0	504926.1	5409867.3	27710.19922	390.48	0	48.841759	-86.932863	56022.27	56229.6	20.40	56042.67	56066.58594	56057.74156	56069.69531	504926.1	5409867.3
L4925.0	504926.1	5409868.4	27710.30078	390.92	0	48.841769	-86.932863	56021.92	56229.6	20.40	56042.32	56066.67578	56062.78809	56075.21094	504926.1	5409868.4
L4925.0	504926.1	5409868.4	27710.40039	389.64	0	48.841769	-86.932863	56021.04	56229.6	20.41	56041.45	56066.22656	56056.23663	56069.12500	504926.1	5409868.4
L4925.0	504926.1	5409869.8	27710.50000	387.12	0	48.841782	-86.932863	56020.28	56229.6	20.41	56040.69	56065.87500	56052.73753	56066.08984	504926.1	5409869.8
L4925.0	504926.1	5409871.0	27710.59961	385.74	0	48.841793	-86.932863	56019.52	56229.6	20.41	56039.93	56065.50391	56049.73900	56063.54688	504926.1	5409871.0
L4925.0	504926.1	5409872.8	27710.69922	385.92	0	48.841809	-86.932863	56019.14	56229.6	20.42	56039.56	56065.51172	56056.31183	56070.56641	504926.1	5409872.8
L4925.0	504926.1	5409874.5	27710.80078	374.06	0	48.841824	-86.932863	56018.33	56229.6	20.42	56038.75	56065.06250	56053.16670	56067.86719	504926.1	5409874.5
L4925.0	504926.1	5409874.5	27710.90039	375.12	0	48.841824	-86.932863	56017.62	56229.6	20.43	56038.05	56064.70703	56053.09314	56068.23828	504926.1	5409874.5
L4925.0	504926.1	5409876.0	27711.00000	387.18	0	48.841837	-86.932863	56016.69	56229.6	20.43	56037.12	56064.10938	56048.19162	56063.77344	504926.1	5409876.0
L4925.0	504926.1	5409877.8	27711.09961	386.81	0	48.841853	-86.932862	56016.00	56229.6	20.43	56036.43	56063.73828	56049.39137	56065.41016	504926.1	5409877.8
L4925.0	504926.1	5409877.8	27711.19922	374.14	0	48.841853	-86.932862	56015.07	56229.6	20.44	56035.50	56063.10938	56045.53779	56061.98438	504926.1	5409877.8
L4925.0	504926.1	5409879.2	27711.30078	373.34	0	48.841866	-86.932862	56014.36	56229.6	20.44	56034.80	56062.69922	56047.55940	56064.43359	504926.1	5409879.2
L4925.0	504926.2	5409880.5	27711.40039	385.37	0	48.841878	-86.932862	56013.24	56229.6	20.44	56033.68	56061.85547	56040.34912	56057.64844	504926.2	5409880.5
L4925.0	504926.2	5409882.0	27711.50000	385.54	0	48.841891	-86.932862	56012.41	56229.6	20.44	56032.86	56061.30078	56040.64617	56058.37109	504926.2	5409882.0
L4925.0	504926.2	5409883.7	27711.59961	375.67	0	48.841907	-86.932862	56011.78	56229.6	20.45	56032.22	56060.91016	56045.66295	56063.80469	504926.2	5409883.7
L4925.0	504926.2	5409883.7	27711.69922	376.61	0	48.841907	-86.932862	56010.76	56229.5	20.45	56031.21	56060.13672	56042.61579	56061.17578	504926.2	5409883.7
L4925.0	504926.2	5409885.7	27711.80078	385.56	0	48.841924	-86.932861	56010.01	56229.5	20.45	56030.46	56059.61719	56046.15060	56065.12891	504926.2	5409885.7
L4925.0	504926.2	5409885.7	27711.90039	387.81	0	48.841924	-86.932861	56008.97	56229.5	20.46	56029.43	56058.80078	56043.71531	56063.10938	504926.2	5409885.7
L4925.0	504926.2	5409887.1	27712.00000	389.06	0	48.841937	-86.932861	56007.73	56229.5	20.46	56028.19	56057.76563	56036.93736	56056.74609	504926.2	5409887.1
L4925.0	504926.2	5409889.0	27712.09961	389.23	0	48.841954	-86.932861	56006.97	56229.5	20.46	56027.43	56057.19922	56041.85609	56062.08203	504926.2	5409889.0
L4925.0	504926.2	5409890.7	27712.19922	386.52	0	48.841969	-86.932861	56005.71	56229.5	20.47	56026.17	56056.12500	56035.68996	56056.32813	504926.2	5409890.7
L4925.0	504926.2	5409890.7	27712.30078	386.63	0	48.841969	-86.932861	56004.87	56229.5	20.47	56025.34	56055.46875	56040.05637	56061.10547	504926.2	5409890.7
L4925.0	504926.2	5409892.6	27712.40039	385.21	0	48.841987	-86.932861	56003.36	56229.5	20.47	56023.83	56054.12500	56029.15088	56050.61719	504926.2	5409892.6
L4925.0	504926.2	5409893.9	27712.50000	375.18	0	48.841998	-86.932861	56002.06	56229.5	20.47	56022.54	56052.98828	56023.89254	56045.77734	504926.2	5409893.9
L4925.0	504926.2	5409893.9	27712.59961	374.63	0	48.841998	-86.932861	56000.83	56229.5	20.48	56021.31	56051.90625	56020.55937	56042.85938	504926.2	5409893.9
L4925.0	504926.2	5409895.1	27712.69922	374.08	0	48.842009	-86.932861	55999.74	56229.5	20.48	56020.22	56050.95703	56021.00787	56043.72656	504926.2	5409895.1
L4925.0	504926.2	5409897.3	27712.80078	384.72	0	48.842029	-86.932861	55998.45	56229.5	20.48	56018.93	56049.79688	56017.33078	56040.46875	504926.2	5409897.3
L4925.0	504926.2	5409897.3	27712.90039	384.73	0	48.842029	-86.932861	55997.06	56229.5	20.49	56017.55	56048.54297	56012.08090	56035.64063	504926.2	5409897.3
L4925.0	504926.2	5409899.2	27713.00000	384.19	0	48.842046	-86.932861	55995.59	56229.5	20.49	56016.08	56047.19141	56005.25344	56029.24219	504926.2	5409899.2
L4925.0	504926.2	5409899.2	27713.09961	384.63	0	48.842046	-86.932861	55994.61	56229.5	20.50	56015.10	56046.32031	56010.32560	56034.74219	504926.2	5409899.2
L4925.0	504926.2	5409901.0	27713.19922	384.73	0	48.842063	-86.932861	55993.04	56229.5	20.50	56013.54	56044.86719	56002.41850	56027.26563	504926.2	5409901.0
L4925.0	504926.2	5409902.8	27713.30078	382.67	0	48.842078	-86.932861	55991.70	56229.5	20.51	56012.21	56043.63672	56000.35470	56025.63281	504926.2	5409902.8
L4925.0	504926.2	5409902.8	27713.40039	384.50	0	48.842078	-86.932861	55990.50	56229.5	20.52	56011.02	56042.54297	56002.03502	56027.75391	504926.2	5409902.8
L4925.0	504926.2	5409904.2	27713.50000	385.59	0	48.842091	-86.932861	55988.89	56229.5	20.53	56009.41	56041.01953	55994.43414	56020.59766	504926.2	5409904.2
L4925.0	504926.2	5409906.0	27713.59961	386.72	0	48.842107	-86.932862	55987.82	56229.5	20.53	56008.36	56040.05859	56000.32465	56026.93359	504926.2	5409906.0
L4925.0	504926.2	5409907.7	27713.69922	386.72	0	48.842123	-86.932862	55986.23	56229.5	20.54	56006.77	56038.54688	55994.12730	56021.18750	504926.2	5409907.7
L4925.0	504926.2	5409907.7	27713.80078	385.42	0	48.842123	-86.932862	55984.86	56229.5	20.55	56005.41	56037.26563	55993.73185	56021.24609	504926.2	5409907.7
L4925.0	504926.1	5409909.4	27713.90039	385.92	0	48.842138	-86.932862	55983.20	56229.4	20.55	56003.75	56035.68359	55986.80792	56014.78516	504926.1	5409909.4
L4925.0	504926.1	5409909.4	27714.00000	385.84	0	48.842138	-86.932862	55981.60	56229.4	20.56	56002.16	56034.16406	55981.94569	56010.39453	504926.1	5409909.4
L4925.0	504926.1	5409911.4	27714.09961	375.08	0	48.842156	-86.932863	55980.26	56229.4	20.56	56000.82	56032.89453	55983.31804	56012.23828	504926.1	5409911.4
L4925.0	504926.1	5409913.1	27714.19922	375.36	0	48.842171	-86.932863	55978.57	56229.4	20.57	55999.13	56031.26953	55976.96550	56006.36328	504926.1	5409913.1
L4925.0	504926.0	5409914.1	27714.30078	373.79	0	48.842180	-86.932863	55977.20	56229.4	20.57	55997.77	56029.97656	55978.68256	56008.56250	504926.0	5409914.1
L4925.0	504926.0	5409914.1	27714.40039	375.14	0	48.842180	-86.932863	55975.38	56229.4	20.58	55995.96	56028.23047	55970.32425	56000.69922	504926.0	5409914.1
L4925.0	504926.0	5409916.1	27714.50000	387.57	0	48.842198	-86.932864	55973.91	56229.4	20.58	55994.49	56026.82422	55970.24083	56001.11328	504926.0	5409916.1
L4925.0	504926.0	5409917.8	27714.59961	387.97	0	48.842214	-86.932864	55972.09	56229.4	20.58	55992.67	56025.06641	55962.37817	55993.75391	504926.0	5409917.8
L4925.0	504926.0	5409919.3	27714.69922	387.10	0	48.842227	-86.932864	55970.55	56229.4	20.59	55991.13	56023.58984	55961.36595	55993.25391	504926.0	5409919.3
L4925.0	504926.0	5409919.3	27714.80078	386.18	0	48.842227	-86.932864	55968.88	56229.4	20.59	55989.47	56021.99219	55957.89005	55990.29297	504926.0	5409919.3
L4925.0	504925.9	5409921.0	27714.90039	387.98	0	48.842242	-86.932865	55967.28	56229.4	20.60	55987.88	56020.46484	55956.35074	55989.28125	504925.9	5409921.0
L4925.0	504925.9	5409921.0	27715.00000	387.60	0	48.842242	-86.932865	55965.48	56229.4	20.60	55986.08	56018.72656	55950.22217	55983.68750	504925.9	5409921.0
L4925.0	504925.9	5409923.0	27715.09961	387.31	0	48.842260	-86.932865	55963.64	56229.4	20.60	55984.25	56016.96094	55943.67091	55977.67578	504925.9	5409923.0
L4925.0	504925.9	5409924.0	27715.19922	385.24	0	48.842269	-86.932865	55962.00	56229.4	20.60	55982.60	56015.37500	55941.56030	55976.10938	504925.9	5409924.0
L4925.0	504925.9	5409924.0	27715.30078	383.39	0	48.842269	-86.932865	55960.13	56229.4	20.60	55980.73	56013.57031	55934.57316	55969.67578	504925.9	5409924.0
L4925.0	504925.9	5409925.7	27715.40039	383.38	0	48.842284	-86.932865	55958.61	56229.4	20.60	55979.21	56012.11719	55935.94011	55971.60547	504925.9	5409925.7
L4925.0	504925.9	5409927.4	27715.50000	384.17	0	48.842299	-86.932866	55956.74	56229.4	20.61	55977.34	56010.31641	55929.36907	55965.60547	504925.9	5409927.4
L4925.0	504925.8	5409929.1	27715.59961	384.63	0	48.842315	-86.932866	55955.17	56229.4	20.61	55975.77	56008.81641	55929.94917	55966.76563	504925.8	5409929.1
L4925.0	504925.8	5409930.3	27715.69922	384.63	0	48.842326	-86.932866	55953.35	56229.4	20.61	55973.95	56007.06641	55924.87406	55962.27344	504925.8	5409930.3
L4925.0	504925.8	5409930.3	27715.80078	383.09	0	48.842326	-86.932866	55951.73	56229.4	20.61	55972.33	56005.52344	55924.58261	55962.57422	504925.8	5409930.3
L4925.0	504925.8	5409932.0	27715.90039	386.51	0	48.842341	-86.932866	55949.88	56229.4	20.61	55970.49	56003.75781	55919.28935	55957.87891	504925.8	5409932.0
L4925.0	504925.8	5409933.6	27716.00000	386.57	0	48.842355	-86.932866	55947.68	56229.4	20.61	55968.29	56001.63672	55905.71710	55944.91406	504925.8	5409933.6
L4925.0	504925.8	5409935.2	27716.09961	387.10	0	48.842369	-86.932866	55945.98	56229.4	20.61	55966.59	56000.01953	55903.83395	55943.64844	504925.8	5409935.2
L4925.0	504925.8	5409936.5	27716.19922	386.12	0	48.842381	-86.932866	55943.91	56229.4	20.61	55964.53	55998.04297	55893.62479	55934.05859	504925.8	5409936.5
L4925.0	504925.8	5409937.7	27716.30078	384.71	0	48.842393	-86.932866	55942.44	56229.4	20.61	55963.05	55996.64844	55896.91644	55937.97656	504925.8	5409937.7
L4925.0	504925.8	5409937.7	27716.40039	371.39	0	48.842393	-86.932866	55940.32	56229.4	20.61	55960.93	55994.62109	55885.32441	55927.02344	504925.8	5409937.7
L4925.0	504925.8	5409939.4	27716.50000	373.70	0	48.842408	-86.932866	55938.57	56229.4	20.61	55959.19	55992.97266	55882.53431	55924.87500	504925.8	5409939.4
L4925.0	504925.8	5409941.0	27716.59961	385.65	0	48.842422	-86.932866	55936.38	56229.4	20.62	55956.99	55990.86719	55868.99422	55911.98828	504925.8	5409941.0
L4925.0	504925.8	5409941.0	27716.69922	385.10	0	48.842422	-86.932866	55934.43	56229.4	20.62	55955.04	55989.01563	55861.18277	55904.82813	504925.8	5409941.0
L4925.0	504925.8	5409942.4	27716.80078	382.94	0	48.842435	-86.932866	55933.06	56229.4	20.62	55953.68	55987.75781	55866.97735	55911.28516	504925.8	5409942.4
L4925.0	504925.8	5409943.7	27716.90039	382.51	0	48.842446	-86.932866	55931.16	56229.4	20.62	55951.78	55985.96094	55860.08369	55905.05859	504925.8	5409943.7
L4925.0	504925.9	5409944.9	27717.00000	382.07	0	48.842457	-86.932865	55929.32	56229.4	20.62	55949.94	55984.23047	55854.42243	55900.07422	504925.9	5409944.9
L4925.0	504925.9	5409944.9	27717.09961	384.10	0	48.842457	-86.932865	55927.14	56229.4	20.62	55947.77	55982.17188	55840.90062	55887.23047	504925.9	5409944.9
L4925.0	504925.9	5409946.6	27717.19922	373.25	0	48.842472	-86.932865	55925.50	56229.4	20.62	55946.12	55980.63281	55839.24979	55886.26563	504925.9	5409946.6
L4925.0	504925.9	5409948.5	27717.30078	373.00	0	48.842489	-86.932865	55923.47	56229.4	20.63	55944.10	55978.73047	55828.75366	55876.45703	504925.9	5409948.5
L4925.0	504925.9	5409949.9	27717.40039	374.61	0	48.842502	-86.932865	55921.75	56229.4	20.63	55942.38	55977.12891	55824.95910	55873.35547	504925.9	5409949.9

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4925.0	504925.9	5409949.9	27717.50000	374.68	0	48.842502	-86.932865	55919.81	56229.4	20.63	55940.43	55975.30078	55815.51795	55864.61328	504925.9	5409949.9
L4925.0	504925.9	5409952.0	27717.59961	376.18	0	48.842521	-86.932865	55918.06	56229.4	20.63	55938.70	55973.69531	55810.86273	55860.66406	504925.9	5409952.0
L4925.0	504925.9	5409953.7	27717.69922	378.09	0	48.842536	-86.932865	55916.29	56229.4	20.63	55936.92	55972.04297	55804.68894	55855.19531	504925.9	5409953.7
L4925.0	504925.9	5409954.9	27717.80078	374.37	0	48.842547	-86.932865	55914.59	56229.4	20.64	55935.23	55970.48047	55800.22275	55851.43359	504925.9	5409954.9
L4925.0	504925.9	5409954.9	27717.90039	374.44	0	48.842547	-86.932865	55912.95	56229.4	20.64	55933.59	55968.97266	55796.50607	55848.42969	504925.9	5409954.9
L4925.0	504925.9	5409956.5	27718.00000	374.65	0	48.842561	-86.932865	55911.06	56229.4	20.64	55931.70	55967.21484	55786.53689	55839.17578	504925.9	5409956.5
L4925.0	504925.9	5409958.2	27718.09961	376.22	0	48.842577	-86.932865	55909.23	56229.4	20.64	55929.88	55965.53125	55777.72562	55831.08203	504925.9	5409958.2
L4925.0	504925.9	5409958.2	27718.19922	374.10	0	48.842577	-86.932865	55907.23	56229.4	20.65	55927.88	55963.66797	55764.23262	55818.30469	504925.9	5409958.2
L4925.0	504925.9	5409959.7	27718.30078	374.84	0	48.842591	-86.932865	55905.96	56229.4	20.65	55926.61	55962.53906	55767.18345	55821.97266	504925.9	5409959.7
L4925.0	504925.9	5409961.0	27718.40039	374.28	0	48.842602	-86.932865	55904.18	56229.3	20.65	55924.83	55960.89844	55757.72539	55813.23438	504925.9	5409961.0
L4925.0	504925.9	5409962.7	27718.50000	375.88	0	48.842617	-86.932865	55902.54	56229.3	20.65	55923.19	55959.39844	55750.94037	55807.16797	504925.9	5409962.7
L4925.0	504925.9	5409962.7	27718.59961	376.07	0	48.842617	-86.932865	55900.86	56229.3	20.66	55921.52	55957.87109	55742.84899	55799.79688	504925.9	5409962.7
L4925.0	504925.9	5409964.8	27718.69922	375.90	0	48.842636	-86.932865	55899.39	56229.3	20.66	55920.06	55956.55469	55739.00284	55796.66797	504925.9	5409964.8
L4925.0	504925.9	5409966.5	27718.80078	375.61	0	48.842651	-86.932865	55897.95	56229.3	20.66	55918.61	55955.25000	55734.72562	55793.10547	504925.9	5409966.5
L4925.0	504925.9	5409966.5	27718.90039	373.97	0	48.842651	-86.932865	55895.93	56229.3	20.67	55916.59	55953.37500	55716.50792	55775.60156	504925.9	5409966.5
L4925.0	504925.9	5409968.2	27719.00000	374.15	0	48.842667	-86.932865	55894.94	56229.3	20.67	55915.61	55952.53906	55721.74891	55781.55469	504925.9	5409968.2
L4925.0	504925.9	5409968.2	27719.09961	374.81	0	48.842667	-86.932865	55893.29	56229.3	20.67	55913.96	55951.03516	55710.67215	55771.19141	504925.9	5409968.2
L4925.0	504925.9	5409970.3	27719.19922	374.14	0	48.842686	-86.932865	55892.26	56229.3	20.67	55912.93	55950.14844	55713.23887	55774.46094	504925.9	5409970.3
L4925.0	504925.9	5409972.1	27719.30078	372.13	0	48.842702	-86.932864	55890.87	56229.3	20.67	55911.53	55948.89063	55706.41039	55768.33203	504925.9	5409972.1
L4925.0	504925.9	5409973.7	27719.40039	370.30	0	48.842716	-86.932864	55889.66	56229.3	20.67	55910.33	55947.83594	55703.41187	55766.02734	504925.9	5409973.7
L4925.0	504925.9	5409973.7	27719.50000	372.76	0	48.842716	-86.932864	55888.16	56229.3	20.67	55908.83	55946.47656	55692.59596	55755.90625	504925.9	5409973.7
L4925.0	504925.9	5409975.4	27719.59961	375.40	0	48.842732	-86.932864	55887.00	56229.3	20.66	55907.66	55945.44531	55688.58356	55752.57813	504925.9	5409975.4
L4925.0	504925.9	5409977.3	27719.69922	376.14	0	48.842748	-86.932864	55885.91	56229.3	20.66	55906.57	55944.49609	55685.53980	55750.21484	504925.9	5409977.3
L4925.0	504925.9	5409977.3	27719.80078	374.76	0	48.842748	-86.932864	55884.63	56229.3	20.66	55905.29	55943.35156	55677.16547	55742.50781	504925.9	5409977.3
L4925.0	504925.9	5409979.1	27719.90039	375.87	0	48.842765	-86.932864	55884.02	56229.3	20.66	55904.68	55942.87500	55683.42968	55749.43750	504925.9	5409979.1
L4925.0	504925.9	5409980.6	27720.00000	376.91	0	48.842778	-86.932864	55882.85	56229.3	20.66	55903.51	55941.83984	55675.71848	55742.38281	504925.9	5409980.6
L4925.0	504925.9	5409980.6	27720.09961	377.59	0	48.842778	-86.932864	55882.12	56229.3	20.66	55902.78	55941.23828	55677.25664	55744.57031	504925.9	5409980.6
L4925.0	504925.9	5409982.4	27720.19922	378.21	0	48.842795	-86.932864	55880.88	56229.3	20.66	55901.54	55940.12500	55665.94034	55733.89063	504925.9	5409982.4
L4925.0	504925.9	5409984.0	27720.30078	375.65	0	48.842809	-86.932864	55880.13	56229.3	20.66	55900.79	55939.50000	55664.99570	55733.57422	504925.9	5409984.0
L4925.0	504925.9	5409984.0	27720.40039	374.47	0	48.842809	-86.932864	55879.46	56229.3	20.66	55900.12	55938.94922	55664.87301	55734.06641	504925.9	5409984.0
L4925.0	504925.9	5409985.7	27720.50000	375.50	0	48.842824	-86.932864	55878.61	56229.3	20.67	55899.27	55938.21875	55659.51017	55729.31250	504925.9	5409985.7
L4925.0	504925.9	5409987.2	27720.59961	376.08	0	48.842838	-86.932864	55877.87	56229.3	20.67	55898.53	55937.58984	55655.63101	55726.03125	504925.9	5409987.2
L4925.0	504925.9	5409988.9	27720.69922	377.70	0	48.842853	-86.932864	55876.91	56229.3	20.67	55897.57	55936.74219	55645.54774	55716.53125	504925.9	5409988.9
L4925.0	504925.9	5409988.9	27720.80078	376.29	0	48.842853	-86.932864	55876.48	56229.3	20.67	55897.14	55936.41406	55646.67879	55718.23438	504925.9	5409988.9
L4925.0	504925.9	5409990.6	27720.90039	374.52	0	48.842869	-86.932864	55875.66	56229.3	20.67	55896.33	55935.70703	55637.85543	55709.96875	504925.9	5409990.6
L4925.0	504925.9	5409990.6	27721.00000	373.77	0	48.842869	-86.932864	55875.57	56229.3	20.67	55896.24	55935.71484	55644.63374	55717.29297	504925.9	5409990.6
L4925.0	504925.9	5409992.7	27721.09961	371.66	0	48.842887	-86.932864	55874.96	56229.3	20.67	55895.62	55935.18359	55637.94310	55711.13672	504925.9	5409992.7
L4925.0	504926.0	5409994.2	27721.19922	371.28	0	48.842900	-86.932864	55874.81	56229.3	20.66	55895.47	55935.12109	55641.01667	55714.72656	504926.0	5409994.2
L4925.0	504925.9	5409995.7	27721.30078	372.13	0	48.842914	-86.932864	55874.30	56229.3	20.66	55894.96	55934.69531	55634.54877	55708.75781	504925.9	5409995.7
L4925.0	504925.9	5409995.7	27721.40039	370.78	0	48.842914	-86.932864	55874.27	56229.3	20.65	55894.93	55934.74219	55638.05498	55712.75000	504925.9	5409995.7
L4925.0	504926.0	5409997.3	27721.50000	372.37	0	48.842928	-86.932863	55874.07	56229.3	20.65	55894.72	55934.60156	55636.18312	55711.35156	504926.0	5409997.3
L4925.0	504926.0	5409999.2	27721.59961	374.06	0	48.842946	-86.932863	55873.57	56229.4	20.65	55894.21	55934.16016	55626.13462	55701.76172	504926.0	5409999.2
L4925.0	504926.0	5409999.2	27721.69922	374.47	0	48.842946	-86.932863	55873.54	56229.4	20.64	55894.18	55934.19141	55626.03299	55702.09766	504926.0	5409999.2
L4925.0	504926.0	5410000.8	27721.80078	373.72	0	48.842960	-86.932863	55873.62	56229.4	20.64	55894.26	55934.32422	55627.27000	55703.75391	504926.0	5410000.8
L4925.0	504926.0	5410002.6	27721.90039	375.68	0	48.842976	-86.932863	55873.79	56229.4	20.63	55894.43	55934.54688	55629.37433	55706.26172	504926.0	5410002.6
L4925.0	504926.0	5410002.6	27722.00000	373.86	0	48.842976	-86.932863	55873.44	56229.4	20.63	55894.07	55934.23047	55617.92812	55695.20313	504926.0	5410002.6
L4925.0	504926.0	5410004.1	27722.09961	385.56	0	48.842990	-86.932863	55873.59	56229.4	20.63	55894.22	55934.41797	55617.10238	55694.75000	504926.0	5410004.1
L4925.0	504926.0	5410005.9	27722.19922	386.84	0	48.843006	-86.932863	55873.57	56229.4	20.62	55894.19	55934.41797	55610.85385	55688.85156	504926.0	5410005.9
L4925.0	504926.0	5410005.9	27722.30078	385.79	0	48.843006	-86.932863	55874.20	56229.4	20.61	55894.81	55935.06250	55618.47373	55696.80469	504926.0	5410005.9
L4925.0	504925.9	5410007.9	27722.40039	385.26	0	48.843024	-86.932863	55875.11	56229.4	20.61	55895.72	55935.99219	55631.59167	55710.23047	504925.9	5410007.9
L4925.0	504925.9	5410009.4	27722.50000	384.61	0	48.843037	-86.932864	55875.44	56229.4	20.61	55896.04	55936.32422	55629.75041	55708.68359	504925.9	5410009.4
L4925.0	504925.9	5410009.4	27722.59961	372.09	0	48.843037	-86.932864	55876.07	56229.4	20.60	55896.67	55936.96094	55633.87105	55713.08203	504925.9	5410009.4
L4925.0	504925.9	5410011.1	27722.69922	371.92	0	48.843053	-86.932864	55876.45	56229.4	20.60	55897.05	55937.33984	55630.93674	55710.40234	504925.9	5410011.1
L4925.0	504925.9	5410012.7	27722.80078	385.43	0	48.843067	-86.932864	55877.28	56229.4	20.59	55897.87	55938.15234	55636.98874	55716.68750	504925.9	5410012.7
L4925.0	504925.9	5410014.7	27722.90039	385.30	0	48.843085	-86.932865	55877.74	56229.4	20.58	55898.32	55938.58594	55633.20051	55713.10938	504925.9	5410014.7
L4925.0	504925.9	5410014.7	27723.00000	385.59	0	48.843085	-86.932865	55878.50	56229.4	20.58	55899.08	55939.32813	55635.38256	55715.48438	504925.9	5410014.7
L4925.0	504925.8	5410016.0	27723.09961	385.68	0	48.843096	-86.932865	55879.13	56229.4	20.58	55899.70	55939.91797	55633.07856	55713.35547	504925.8	5410016.0
L4925.0	504925.8	5410017.8	27723.19922	386.35	0	48.843113	-86.932865	55879.87	56229.4	20.57	55900.44	55940.62500	55632.33747	55712.76563	504925.8	5410017.8
L4925.0	504925.8	5410019.3	27723.30078	385.82	0	48.843126	-86.932866	55880.98	56229.4	20.57	55901.54	55941.68359	55638.74420	55719.30078	504925.8	5410019.3
L4925.0	504925.8	5410019.3	27723.40039	385.74	0	48.843126	-86.932866	55881.94	56229.4	20.56	55902.50	55942.59375	55640.68258	55721.34375	504925.8	5410019.3
L4925.0	504925.7	5410021.6	27723.50000	385.35	0	48.843147	-86.932866	55883.31	56229.4	20.56	55903.86	55943.89844	55650.71285	55731.46094	504925.7	5410021.6
L4925.0	504925.7	5410021.6	27723.59961	385.73	0	48.843147	-86.932866	55884.21	56229.4	20.55	55904.76	55944.73828	55648.85194	55729.66797	504925.7	5410021.6
L4925.0	504925.7	5410023.4	27723.69922	385.73	0	48.843163	-86.932867	55885.66	56229.5	20.54	55906.21	55946.11719	55658.58715	55739.44531	504925.7	5410023.4
L4925.0	504925.7	5410024.6	27723.80078	387.63	0	48.843174	-86.932867	55886.95	56229.5	20.54	55907.49	55947.32031	55663.19136	55744.06641	504925.7	5410024.6
L4925.0	504925.7	5410025.9	27723.90039	386.44	0	48.843186	-86.932867	55888.77	56229.5	20.53	55909.30	55949.04688	55678.94714	55759.81641	504925.7	5410025.9
L4925.0	504925.7	5410025.9	27724.00000	388.32	0	48.843186	-86.932867	55890.16	56229.5	20.53	55910.69	55950.34766	55683.78231	55764.62891	504925.7	5410025.9
L4925.0	504925.7	5410027.9	27724.09961	391.24	0	48.843204	-86.932867	55891.58	56229.5	20.52	55912.10	55951.66016	55687.93697	55768.73828	504925.7	5410027.9
L4925.0	504925.7	5410029.8	27724.19922	390.47	0	48.843221	-86.932867	55892.89	56229.5	20.51	55913.41	55952.86719	55688.63427	55769.36719	504925.7	5410029.8
L4925.0	504925.7	5410029.8	27724.30078	391.03	0	48.843221	-86.932867	55894.34	56229.5	20.51	55914.84	55954.18359	55691.00161	55771.64063	504925.7	5410029.8
L4925.0	504925.7	5410031.1	27724.40039	376.93	0	48.843233	-86.932867	55896.06	56229.5	20.50	55916.55	55955.77344	55698.77225	55779.29297	504925.7	5410031.1
L4925.0	504925.7	5410033.0	27724.50000	376.60	0	48.843250	-86.932866	55897.60	56229.5	20.49	55918.09	55957.18750	55701.50019	55781.88672	504925.7	5410033.0
L4925.0	504925.7	5410033.0	27724.59961	378.37	0	48.843250	-86.932866	55899.29	56229.5	20.48	55919.77	55958.73438	55706.40678	55786.63281	504925.7	5410033.0
L4925.0	504925.7	5410034.8	27724.69922	377.88	0	48.843266	-86.932866	55900.84	56229.5	20.47	55921.31	55960.13672	55706.99898	55787.04688	504925.7	5410034.8
L4925.0	504925.7	5410036.3	27724.80078	388.63	0	48.843280	-86.932866	55902.71	56229.5	20.47	55923.17	55961.84766	55713.98616	55793.82813	504925.7	5410036.3
L4925.0	504925.7	5410036.3	27724.90039	387.84	0	48.843280	-86.932866	55904.38	56229.5	20.46	55924.83	55963.35547	55715.29737	55794.90625	504925.7	5410036.3
L4925.0	504925.8	5410037.8	27725.00000	387.00	0	48.843293	-86.932866	55906.13	56229.6	20.45	55926.57	55964.93359	55717.45882	55796.82031	504925.8	5410037.8
L4925.0	504925.8	5410039.3	27725.09961	374.25	0	48.843306	-86.932866	55907.89	56229.6	20.44	55928.33	55966.52734	55719.09363	55798.18359	504925.8	5410039.3
L4925.0	504925.8	5410040.9	27725.19922	373.95	0	48.843321	-86.932865	55909.89	56229.6	20.44	55930.33	55968.35547	55725.33422	55804.13281	504925.8	5410040.9
L4925.0	504925.8	5410042.1	27725.30078	373.45	0	48.843331	-86.932865	55911.89	56229.6	20.43	55932.32	55970.16406	55730.38795	55808.86719	504925.8	5410042.1
L4925.0	504925.8	5410042.1	27725.40039	373.08	0	48.843331	-86.932865	55914.02	56229.6	20.43	55934.44	55972.09375	55737.52848	55815.66797	504925.8	5410042.1
L4925.0	504925.8	5410043.9	27725.50000	373.94	0	48.843348	-86.932865	55915.76	56229.6	20.42	55936.18	55973.64063	55734.92010	55812.69922	504925.8	5410043.9
L4925.0	504925.8	5410045.9	27725.59961	374.23	0	48.843366	-86.932865	55917.86	56229.6	20.41	55938.27	55975.53125	55739.55227	55816.95313	504925.8	5410045.9
L4925.0	504925.8	5410047.6	27725.59961	374.23	0	48.843381	-86.932865	55919.83	56229.6	20.41	55940.25	55977.30078	55740.75234	55817.75000	504925.8	5410047.6
L4925.0	504925.8	5410047.6	27725.80078	373.65	0	48.843381	-86.932865	55922.01	56229.6	20.40	55942.41	55979.25000	55745.28233	55821.85156	504925.8	5410047.6
L4925.0	504925.8	5410049.1	27725.90039	371.59	0	48.843394	-86.932865	55924.14	56229.6	20.40	55944.53	55981.14844	55748.04926	55824.17188	504925.8	5410049.1
L4925.0	504925.8	5410050.7	27726.00000	371.00	0	48.843408	-86.932866	55926.51	56229.6	20.39	55946.90	55983.29297	55755.81578	55831.47266	504925.8	5410050.7
L4925.0	504925.8	5410050.7	27726.09961	373.71	0	48.843408	-86.932866	55928.71	56229.6	20.38	55949.10	55985.25781	55758.84035	55834.01172	504925.8	5410050.7
L4925.0	504925.7	5410052.4	27726.19922	372.79	0	48.843424	-86.932866	55931.02	56229.6	20.38	55951.39	55987.31250	55763.18878	55837.85156	504925.7	5410052.4
L4925.0	504925.7	5410054.2	27726.30078	373.89	0	48.843441	-86.932866	55933.59	56229.6	20.37	55953.97	55989.64453	55773.53240	55847.66797	504925.7	5410054.2
L4925.0	504925.7	5410054.2	27726.40039	372.63	0	48.843441	-86.932866	55936.02	56229.6	20.37	55956.39	55991.81641	55779.43303	55853.01563	504925.7	5410054.2
L4925.0	504925.7	5410055.8	27726.50000	371.40	0	48.843455	-86.932866	55938.73	56229.6	20.36	55959.09	55994.25781	55791.14138	55864.15625	504925.7	5410055.8
L4925.0	504925.7	5410057.4	27726.59961	373.28	0	48.843469	-86.932866	55941.06	56229.6	20.35	55961.41	55996.31641	55793.33803	55865.76953	504925.7	5410057.4
L4925.0	504925.7	5410058.9	27726.69922	373.67	0	48.843483	-86.932866	55943.46	56229.7	20.35	55963.81	55998.44922	55796.73898	55868.56250	504925.7	5410058.9

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4925.0	504925.7	5410060.3	27726.80078	373.49	0	48.843495	-86.932867	55945.98	56229.7	20.34	55966.33	56000.69531	55802.29713	55873.49609	504925.7	5410060.3
L4925.0	504925.7	5410061.4	27726.90039	371.92	0	48.843505	-86.932867	55948.41	56229.7	20.34	55968.75	56002.83594	55804.92164	55875.47656	504925.7	5410061.4
L4925.0	504925.7	5410061.4	27727.00000	374.06	0	48.843505	-86.932867	55951.17	56229.7	20.33	55971.50	56005.30469	55814.63149	55884.52344	504925.7	5410061.4
L4925.0	504925.7	5410063.3	27727.09961	375.76	0	48.843523	-86.932866	55953.52	56229.7	20.32	55973.85	56007.36328	55814.48066	55883.69531	504925.7	5410063.3
L4925.0	504925.7	5410065.3	27727.19922	377.16	0	48.843540	-86.932866	55956.06	56229.7	20.31	55976.37	56009.58984	55817.74271	55886.26172	504925.7	5410065.3
L4925.0	504925.7	5410065.3	27727.30078	376.76	0	48.843540	-86.932866	55958.66	56229.7	20.31	55978.97	56011.89063	55822.34904	55890.15234	504925.7	5410065.3
L4925.0	504925.7	5410066.8	27727.40039	374.41	0	48.843554	-86.932866	55961.36	56229.7	20.30	55981.66	56014.27734	55828.55565	55895.62891	504925.7	5410066.8
L4925.0	504925.7	5410066.8	27727.50000	373.86	0	48.843554	-86.932866	55963.87	56229.7	20.29	55984.16	56016.46875	55829.87728	55896.20313	504925.7	5410066.8
L4925.0	504925.8	5410068.8	27727.59961	374.65	0	48.843571	-86.932865	55967.06	56229.7	20.28	55987.34	56019.33594	55846.56131	55912.12500	504925.8	5410068.8
L4925.0	504925.8	5410070.1	27727.69922	376.10	0	48.843583	-86.932865	55969.86	56229.7	20.27	55990.14	56021.82031	55853.99077	55918.78125	504925.8	5410070.1
L4925.0	504925.8	5410071.6	27727.80078	377.95	0	48.843597	-86.932864	55972.52	56229.7	20.27	55992.79	56024.14844	55857.53567	55921.53125	504925.8	5410071.6
L4925.0	504925.9	5410073.1	27727.90039	375.31	0	48.843610	-86.932864	55975.64	56229.7	20.26	55995.90	56026.92969	55871.39938	55934.58594	504925.9	5410073.1
L4925.0	504925.9	5410073.1	27728.00000	376.85	0	48.843610	-86.932864	55978.19	56229.8	20.25	55998.44	56029.14063	55871.66215	55934.02734	504925.9	5410073.1
L4925.0	504925.9	5410075.2	27728.09961	377.74	0	48.843630	-86.932863	55981.17	56229.8	20.24	56001.41	56031.77734	55881.59302	55943.12500	504925.9	5410075.2
L4925.0	504925.9	5410076.7	27728.19922	378.66	0	48.843642	-86.932863	55983.86	56229.8	20.23	56004.08	56034.10938	55884.24577	55944.93359	504925.9	5410076.7
L4925.0	504925.9	5410076.7	27728.30078	378.09	0	48.843642	-86.932863	55986.78	56229.8	20.22	56007.00	56036.69141	55892.42866	55952.25391	504925.9	5410076.7
L4925.0	504926.0	5410077.9	27728.40039	374.34	0	48.843653	-86.932862	55989.75	56229.8	20.21	56009.95	56039.29688	55901.05056	55960.00000	504926.0	5410077.9
L4925.0	504926.0	5410079.9	27728.50000	373.33	0	48.843671	-86.932862	55992.38	56229.8	20.19	56012.57	56041.56641	55901.76577	55959.83203	504926.0	5410079.9
L4925.0	504926.0	5410081.6	27728.59961	373.74	0	48.843687	-86.932862	55995.14	56229.8	20.18	56015.32	56043.96875	55905.28999	55962.46094	504926.0	5410081.6
L4925.0	504926.0	5410081.6	27728.69922	373.67	0	48.843687	-86.932862	55998.04	56229.8	20.17	56018.22	56046.51563	55912.11060	55968.37500	504926.0	5410081.6
L4925.0	504926.0	5410083.1	27728.80078	372.84	0	48.843700	-86.932861	56001.31	56229.8	20.16	56021.47	56049.40625	55926.89901	55982.24609	504926.0	5410083.1
L4925.0	504926.1	5410084.5	27728.90039	370.37	0	48.843712	-86.932861	56004.37	56229.8	20.15	56024.52	56052.09766	55936.89212	55991.31250	504926.1	5410084.5
L4925.0	504926.1	5410084.5	27729.00000	369.67	0	48.843712	-86.932861	56007.20	56229.9	20.14	56027.34	56054.55469	55941.41441	55994.89844	504926.1	5410084.5
L4925.0	504926.1	5410086.1	27729.09961	371.86	0	48.843727	-86.932861	56009.70	56229.9	20.14	56029.84	56056.69141	55938.39537	55990.93359	504926.1	5410086.1
L4925.0	504926.1	5410087.8	27729.19922	372.43	0	48.843743	-86.932860	56012.69	56229.9	20.13	56032.82	56059.30469	55946.45299	55998.04297	504926.1	5410087.8
L4925.0	504926.1	5410087.8	27729.30078	374.97	0	48.843743	-86.932860	56015.65	56229.9	20.13	56035.77	56061.88672	55953.75306	56004.37891	504926.1	5410087.8
L4925.0	504926.1	5410089.7	27729.40039	373.34	0	48.843760	-86.932860	56018.68	56229.9	20.12	56038.80	56064.54688	55962.87346	56012.53125	504926.1	5410089.7
L4925.0	504926.1	5410091.3	27729.50000	372.74	0	48.843774	-86.932860	56021.74	56229.9	20.11	56041.86	56067.23828	55972.67248	56021.35547	504926.1	5410091.3
L4925.0	504926.1	5410093.0	27729.59961	373.65	0	48.843789	-86.932860	56024.60	56229.9	20.11	56044.71	56069.71484	55977.59140	56025.29297	504926.1	5410093.0
L4925.0	504926.1	5410093.0	27729.69922	372.28	0	48.843789	-86.932860	56027.59	56229.9	20.10	56047.69	56072.32031	55985.55378	56032.27344	504926.1	5410093.0
L4925.0	504926.2	5410094.9	27729.80078	370.36	0	48.843806	-86.932860	56030.37	56229.9	20.10	56050.47	56074.72266	55988.90816	56034.63672	504926.2	5410094.9
L4925.0	504926.2	5410096.7	27729.90039	370.44	0	48.843823	-86.932859	56033.45	56229.9	20.09	56053.55	56077.42578	55999.29678	56044.02734	504926.2	5410096.7
L4925.0	504926.2	5410096.7	27730.00000	371.34	0	48.843823	-86.932859	56036.19	56229.9	20.09	56056.28	56079.77734	56001.62888	56045.35938	504926.2	5410096.7
L4925.0	504926.2	5410098.7	27730.09961	371.86	0	48.843841	-86.932859	56039.27	56229.9	20.08	56059.35	56082.46875	56011.96269	56054.69141	504926.2	5410098.7
L4925.0	504926.2	5410098.7	27730.19922	373.36	0	48.843841	-86.932859	56042.21	56229.9	20.07	56062.28	56085.01953	56019.15855	56060.87891	504926.2	5410098.7
L4925.0	504926.2	5410100.8	27730.30078	372.81	0	48.843859	-86.932860	56045.17	56229.9	20.06	56065.23	56087.58984	56026.95370	56067.66797	504926.2	5410100.8
L4925.0	504926.1	5410102.3	27730.40039	372.02	0	48.843873	-86.932860	56048.16	56230	20.05	56068.21	56090.19141	56035.59818	56075.30078	504926.1	5410102.3
L4925.0	504926.1	5410103.7	27730.50000	372.30	0	48.843886	-86.932860	56050.93	56230	20.04	56070.97	56092.57031	56039.29770	56077.98828	504926.1	5410103.7
L4925.0	504926.1	5410103.7	27730.59961	373.65	0	48.843886	-86.932860	56053.87	56230	20.03	56073.90	56095.12109	56047.13489	56084.81250	504926.1	5410103.7
L4925.0	504926.1	5410105.8	27730.69922	373.17	0	48.843905	-86.932860	56056.52	56230	20.02	56076.54	56097.38281	56048.43310	56085.09766	504926.1	5410105.8
L4925.0	504926.1	5410105.8	27730.80078	371.89	0	48.843905	-86.932860	56059.58	56230	20.01	56079.59	56100.05469	56059.48031	56095.13281	504926.1	5410105.8
L4925.0	504926.1	5410107.9	27730.90039	371.54	0	48.843923	-86.932860	56062.30	56230	20.00	56082.30	56102.38672	56062.85778	56097.50000	504926.1	5410107.9
L4925.0	504926.1	5410109.1	27731.00000	369.71	0	48.843934	-86.932860	56065.33	56230	19.99	56085.32	56105.02734	56073.69037	56107.32031	504926.1	5410109.1
L4925.0	504926.1	5410111.1	27731.09961	370.85	0	48.843952	-86.932861	56068.01	56230	19.98	56087.99	56107.32031	56076.65059	56109.27344	504926.1	5410111.1
L4925.0	504926.1	5410111.1	27731.19922	372.19	0	48.843952	-86.932861	56070.92	56230	19.97	56090.89	56109.84766	56085.23527	56116.85156	504926.1	5410111.1
L4925.0	504926.0	5410112.6	27731.30078	373.46	0	48.843965	-86.932861	56073.55	56230	19.96	56093.51	56112.09375	56087.60288	56118.21875	504926.0	5410112.6
L4925.0	504926.0	5410114.6	27731.40039	374.17	0	48.843984	-86.932861	56076.31	56230.1	19.95	56096.26	56114.46875	56093.29760	56122.91016	504926.0	5410114.6
L4925.0	504926.0	5410114.6	27731.50000	375.92	0	48.843984	-86.932861	56079.04	56230.1	19.94	56098.97	56116.80859	56098.38057	56127.00000	504926.0	5410114.6
L4925.0	504926.0	5410116.1	27731.59961	377.55	0	48.843998	-86.932861	56081.64	56230.1	19.93	56101.57	56119.03906	56101.23708	56128.86328	504926.0	5410116.1
L4925.0	504926.0	5410117.6	27731.69922	377.22	0	48.844011	-86.932861	56084.56	56230.1	19.92	56104.47	56121.57031	56111.40994	56138.05078	504926.0	5410117.6
L4925.0	504926.0	5410119.2	27731.80078	375.58	0	48.844025	-86.932861	56087.08	56230.1	19.91	56106.99	56123.72266	56113.10359	56138.76563	504926.0	5410119.2
L4925.0	504926.0	5410120.6	27731.90039	373.04	0	48.844038	-86.932862	56089.79	56230.1	19.90	56109.69	56126.05859	56119.34677	56144.03125	504926.0	5410120.6
L4925.0	504926.0	5410120.6	27732.00000	373.95	0	48.844038	-86.932862	56092.22	56230.1	19.89	56112.11	56128.11719	56119.45709	56143.17188	504926.0	5410120.6
L4925.0	504926.0	5410120.6	27732.09961	374.01	0	48.844038	-86.932862	56095.07	56230.1	19.88	56114.95	56130.60156	56129.71677	56152.47266	504926.0	5410120.6
L4925.0	504926.0	5410123.0	27732.19922	372.68	0	48.844059	-86.932862	56097.50	56230.1	19.87	56117.38	56132.67188	56130.84155	56152.64063	504926.0	5410123.0
L4925.0	504925.9	5410124.7	27732.30078	371.22	0	48.844075	-86.932862	56099.98	56230.1	19.87	56119.84	56134.78125	56133.06883	56153.92188	504925.9	5410124.7
L4925.0	504925.9	5410124.7	27732.40039	370.01	0	48.844075	-86.932862	56102.74	56230.1	19.86	56122.60	56137.18750	56142.68375	56162.59766	504925.9	5410124.7
L4925.0	504925.9	5410126.7	27732.50000	372.99	0	48.844092	-86.932863	56105.25	56230.2	19.85	56125.10	56139.33984	56146.67704	56165.66016	504925.9	5410126.7
L4925.0	504925.9	5410128.2	27732.59961	371.99	0	48.844106	-86.932863	56107.67	56230.2	19.84	56127.51	56141.40625	56149.00833	56167.07031	504925.9	5410128.2
L4925.0	504925.9	5410128.2	27732.69922	373.62	0	48.844106	-86.932863	56109.76	56230.2	19.83	56129.60	56143.15625	56144.33853	56161.48828	504925.9	5410128.2
L4925.0	504925.8	5410130.5	27732.80078	374.06	0	48.844126	-86.932864	56112.33	56230.2	19.83	56132.15	56145.36719	56150.80629	56167.05469	504925.8	5410130.5
L4925.0	504925.8	5410131.9	27732.90039	373.64	0	48.844139	-86.932864	56114.88	56230.2	19.82	56134.70	56147.58203	56157.72507	56173.07813	504925.8	5410131.9
L4925.0	504925.8	5410131.9	27733.00000	375.75	0	48.844139	-86.932864	56117.38	56230.2	19.81	56137.19	56149.73828	56163.70620	56178.17578	504925.8	5410131.9
L4925.0	504925.7	5410133.5	27733.09961	374.17	0	48.844154	-86.932865	56119.64	56230.2	19.80	56139.44	56151.66406	56164.57105	56178.17188	504925.7	5410133.5
L4925.0	504925.7	5410135.3	27733.19922	375.56	0	48.844170	-86.932865	56121.81	56230.2	19.80	56141.60	56153.50000	56163.81167	56176.55078	504925.7	5410135.3
L4925.0	504925.7	5410135.3	27733.30078	376.12	0	48.844170	-86.932865	56124.06	56230.2	19.79	56143.85	56155.42969	56165.61705	56177.50781	504925.7	5410135.3
L4925.0	504925.7	5410137.3	27733.40039	376.57	0	48.844188	-86.932866	56126.39	56230.2	19.78	56146.17	56157.43359	56169.52661	56180.58203	504925.7	5410137.3
L4925.0	504925.6	5410138.6	27733.50000	377.87	0	48.844200	-86.932866	56128.84	56230.2	19.77	56148.62	56159.57031	56176.93900	56187.16797	504925.6	5410138.6
L4925.0	504925.6	5410140.7	27733.59961	377.56	0	48.844218	-86.932867	56131.12	56230.2	19.77	56150.89	56161.53516	56180.65153	56190.07031	504925.6	5410140.7
L4925.0	504925.6	5410140.7	27733.69922	376.69	0	48.844218	-86.932867	56133.16	56230.2	19.76	56152.92	56163.26172	56179.27256	56187.89063	504925.6	5410140.7
L4925.0	504925.5	5410142.5	27733.80078	376.05	0	48.844235	-86.932868	56135.17	56230.2	19.75	56154.92	56164.96094	56177.68638	56185.51953	504925.5	5410142.5
L4925.0	504925.5	5410144.2	27733.90039	376.62	0	48.844250	-86.932868	56137.37	56230.3	19.75	56157.11	56166.85938	56181.00939	56188.07031	504925.5	5410144.2
L4925.0	504925.5	5410144.2	27734.00000	376.77	0	48.844250	-86.932868	56139.64	56230.3	19.74	56159.38	56168.83984	56186.68649	56192.98828	504925.5	5410144.2
L4925.0	504925.4	5410145.7	27734.09961	374.34	0	48.844263	-86.932869	56142.09	56230.3	19.73	56161.83	56171.00391	56197.04382	56202.59766	504925.4	5410145.7
L4925.0	504925.4	5410147.2	27734.19922	374.59	0	48.844277	-86.932869	56144.23	56230.3	19.73	56163.95	56172.84375	56200.22725	56205.05078	504925.4	5410147.2
L4925.0	504925.4	5410147.2	27734.30078	374.24	0	48.844277	-86.932869	56146.09	56230.3	19.72	56165.82	56174.43750	56198.09731	56202.20313	504925.4	5410147.2
L4925.0	504925.4	5410149.5	27734.40039	373.49	0	48.844297	-86.932870	56148.06	56230.3	19.72	56167.78	56176.12891	56198.55808	56201.96094	504925.4	5410149.5
L4925.0	504925.4	5410150.7	27734.50000	371.99	0	48.844308	-86.932870	56150.16	56230.3	19.71	56169.87	56177.95313	56202.53961	56205.25391	504925.4	5410150.7
L4925.0	504925.3	5410151.9	27734.59961	371.31	0	48.844319	-86.932870	56152.29	56230.3	19.70	56172.00	56179.82031	56207.94964	56209.99219	504925.3	5410151.9
L4925.0	504925.3	5410151.9	27734.69922	370.51	0	48.844319	-86.932870	56154.39	56230.3	19.70	56174.09	56181.65625	56212.92812	56214.31641	504925.3	5410151.9
L4925.0	504925.3	5410153.2	27734.80078	371.48	0	48.844331	-86.932870	56156.11	56230.3	19.69	56175.80	56183.11719	56209.57075	56210.31641	504925.3	5410153.2
L4925.0	504925.3	5410154.6	27734.90039	373.87	0	48.844344	-86.932870	56157.76	56230.3	19.69	56177.44	56184.51172	56205.08274	56205.19922	504925.3	5410154.6
L4925.0	504925.3	5410154.6	27735.00000	374.28	0	48.844344	-86.932870	56159.81	56230.3	19.68	56179.49	56186.32031	56210.62081	56210.12500	504925.3	5410154.6
L4925.0	504925.3	5410156.1	27735.09961	373.84	0	48.844357	-86.932871	56161.86	56230.3	19.67	56181.53	56188.12500	56216.42019	56215.33203	504925.3	5410156.1
L4925.0	504925.3	5410157.6	27735.19922	373.89	0	48.844370	-86.932871	56163.77	56230.3	19.66	56183.43	56189.79688	56219.45720	56217.78906	504925.3	5410157.6
L4925.0	504925.3	5410157.6	27735.30078	373.93	0	48.844370	-86.932871	56165.70	56230.3	19.66	56185.36	56191.50391	56223.68161	56221.44922	504925.3	5410157.6
L4925.0	504925.3	5410159.4	27735.40039	376.34	0	48.844387	-86.932871	56167.81	56230.4	19.65	56187.45	56193.37500	56232.11314	56229.33203	504925.3	5410159.4
L4925.0	504925.3	5410161.2	27735.50000	377.57	0	48.844403	-86.932871	56169.04	56230.4	19.64	56188.68	56194.39063	56221.03871	56217.72656	504925.3	5410161.2
L4925.0	504925.3	5410162.9	27735.59961	378.63	0	48.844418	-86.932871	56170.90	56230.4	19.63	56190.53	56196.03125	56224.85940	56221.03125	504925.3	5410162.9
L4925.0	504925.3	5410164.4	27735.59961	378.63	0	48.844431	-86.932870	56172.42	56230.4	19.63	56192.05	56197.35156	56221.48894	56217.16406	504925.3	5410164.4
L4925.0	504925.3	5410164.4	27735.80078	374.61	0	48.844431	-86.932870	56174.28	56230.4	19.62	56193.90	56199.00391	56226.26654	56221.45703	504925.3	5410164.4
L4925.0	504925.3	5410166.1	27735.90039	376.34	0	48.844447	-86.932870	56175.81	56230.4	19.61	56195.42	56200.33203	56223.84685	56218.57422	504925.3	5410166.1
L4925.0	504925.3	5410166.1	27736.00000	377.42	0	48.844447	-86.932870	56177.76	56230.4	19.60	56197.36	56202.08594	56231.66088	56225.93750	504925.3	5410166.1

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4925.0	504925.3	5410167.6	27736.09961	376.30	0	48.844461	-86.932870	56179.45	56230.4	19.60	56199.05	56203.59766	56234.13054	56227.97266	504925.3	5410167.6
L4925.0	504925.4	5410169.5	27736.19922	374.87	0	48.844477	-86.932870	56180.95	56230.4	19.59	56200.55	56204.92188	56232.64698	56226.07422	504925.4	5410169.5
L4925.0	504925.4	5410169.5	27736.30078	373.18	0	48.844477	-86.932870	56182.85	56230.4	19.59	56202.44	56206.64063	56240.68907	56233.71484	504925.4	5410169.5
L4925.0	504925.4	5410171.0	27736.40039	373.71	0	48.844491	-86.932869	56184.21	56230.4	19.59	56203.79	56207.82813	56236.63442	56229.27734	504925.4	5410171.0
L4925.0	504925.4	5410172.7	27736.50000	374.27	0	48.844506	-86.932869	56185.93	56230.4	19.58	56205.52	56209.40234	56241.86523	56234.14063	504925.4	5410172.7
L4925.0	504925.5	5410174.4	27736.59961	374.54	0	48.844522	-86.932868	56187.36	56230.4	19.58	56206.94	56210.66797	56240.33793	56232.26172	504925.5	5410174.4
L4925.0	504925.5	5410174.4	27736.69922	373.31	0	48.844522	-86.932868	56189.18	56230.4	19.58	56208.76	56212.33984	56248.55291	56240.14063	504925.5	5410174.4
L4925.0	504925.5	5410176.1	27736.80078	375.06	0	48.844537	-86.932868	56190.42	56230.4	19.58	56209.99	56213.42969	56243.49272	56234.76563	504925.5	5410176.1
L4925.0	504925.5	5410176.1	27736.90039	375.78	0	48.844537	-86.932868	56192.30	56230.4	19.57	56211.87	56215.17188	56253.97786	56244.94531	504925.5	5410176.1
L4925.0	504925.5	5410177.9	27737.00000	376.02	0	48.844553	-86.932867	56193.73	56230.4	19.57	56213.30	56216.47266	56254.43371	56245.11719	504925.5	5410177.9
L4925.0	504925.5	5410179.4	27737.09961	374.85	0	48.844566	-86.932867	56195.14	56230.4	19.57	56214.71	56217.75781	56254.85160	56245.26563	504925.5	5410179.4
L4925.0	504925.5	5410180.7	27737.19922	375.58	0	48.844578	-86.932867	56196.66	56230.4	19.56	56216.22	56219.14453	56258.01663	56248.17578	504925.5	5410180.7
L4925.0	504925.5	5410180.7	27737.30078	375.35	0	48.844578	-86.932867	56197.65	56230.4	19.56	56217.20	56220.01172	56249.27954	56239.19922	504925.5	5410180.7
L4925.0	504925.6	5410182.5	27737.40039	375.98	0	48.844594	-86.932867	56199.23	56230.5	19.55	56218.78	56221.48047	56254.90359	56244.60156	504925.6	5410182.5
L4925.0	504925.6	5410184.0	27737.50000	375.71	0	48.844608	-86.932867	56200.25	56230.5	19.54	56219.79	56222.38672	56247.68672	56237.17969	504925.6	5410184.0
L4925.0	504925.5	5410185.5	27737.59961	374.47	0	48.844622	-86.932867	56202.07	56230.5	19.54	56221.61	56224.10938	56259.70357	56249.00391	504925.5	5410185.5
L4925.0	504925.5	5410187.3	27737.69922	374.75	0	48.844638	-86.932867	56203.21	56230.5	19.53	56222.75	56225.15625	56256.31340	56245.44141	504925.5	5410187.3
L4925.0	504925.5	5410187.3	27737.80078	375.59	0	48.844638	-86.932867	56204.62	56230.5	19.53	56224.15	56226.46484	56259.36267	56248.32813	504925.5	5410187.3
L4925.0	504925.5	5410189.5	27737.90039	375.89	0	48.844657	-86.932867	56205.86	56230.5	19.52	56225.39	56227.62109	56259.08359	56247.90625	504925.5	5410189.5
L4925.0	504925.5	5410191.3	27738.00000	376.25	0	48.844674	-86.932868	56207.44	56230.5	19.52	56226.96	56229.11328	56266.86198	56255.55469	504925.5	5410191.3
L4925.0	504925.5	5410191.3	27738.09961	375.35	0	48.844674	-86.932868	56208.72	56230.5	19.52	56228.24	56230.32031	56268.28086	56256.85547	504925.5	5410191.3
L4925.0	504925.4	5410193.4	27738.19922	373.64	0	48.844692	-86.932868	56209.52	56230.5	19.52	56229.04	56231.05469	56258.91893	56247.39453	504925.4	5410193.4
L4925.0	504925.4	5410193.4	27738.30078	374.67	0	48.844692	-86.932868	56211.09	56230.5	19.52	56230.61	56232.55859	56267.82878	56256.21875	504925.4	5410193.4
L4925.0	504925.3	5410196.6	27738.40039	374.80	0	48.844722	-86.932869	56212.31	56230.5	19.52	56231.82	56233.71094	56268.73805	56257.05859	504925.3	5410196.6
L4925.0	504925.3	5410196.6	27738.50000	373.82	0	48.844722	-86.932869	56213.64	56230.5	19.52	56233.16	56234.99609	56273.03255	56261.29297	504925.3	5410196.6
L4925.0	504925.3	5410198.6	27738.59961	373.23	0	48.844740	-86.932870	56214.76	56230.5	19.52	56234.28	56236.06641	56272.57161	56260.78906	504925.3	5410198.6
L4925.0	504925.3	5410198.6	27738.69922	372.73	0	48.844740	-86.932870	56215.94	56230.5	19.52	56235.46	56237.20313	56273.85939	56262.04688	504925.3	5410198.6
L4925.0	504925.3	5410200.0	27738.80078	373.36	0	48.844752	-86.932870	56217.02	56230.5	19.52	56236.54	56238.24219	56273.17191	56261.34375	504925.3	5410200.0
L4925.0	504925.3	5410200.0	27738.90039	374.42	0	48.844752	-86.932870	56218.34	56230.5	19.52	56237.86	56239.52734	56278.40807	56266.57813	504925.3	5410200.0
L4925.0	504925.3	5410202.2	27739.00000	373.78	0	48.844772	-86.932871	56219.47	56230.5	19.52	56238.99	56240.62891	56279.56750	56267.75000	504925.3	5410202.2
L4925.0	504925.2	5410203.7	27739.09961	373.14	0	48.844785	-86.932871	56220.46	56230.5	19.52	56239.97	56241.58203	56277.57534	56265.78125	504925.2	5410203.7
L4925.0	504925.2	5410205.1	27739.19922	373.74	0	48.844798	-86.932871	56221.70	56230.5	19.52	56241.21	56242.80078	56281.95764	56270.19922	504925.2	5410205.1
L4925.0	504925.2	5410206.9	27739.30078	374.83	0	48.844814	-86.932872	56222.73	56230.5	19.51	56242.25	56243.82031	56282.01663	56270.30859	504925.2	5410206.9
L4925.0	504925.1	5410208.4	27739.40039	375.49	0	48.844828	-86.932872	56223.98	56230.5	19.51	56243.49	56245.04688	56287.04587	56275.39844	504925.1	5410208.4
L4925.0	504925.1	5410208.4	27739.50000	375.62	0	48.844828	-86.932872	56224.86	56230.5	19.51	56244.37	56245.91797	56284.02296	56272.45313	504925.1	5410208.4
L4925.0	504925.1	5410210.3	27739.59961	375.83	0	48.844845	-86.932873	56225.67	56230.5	19.51	56245.18	56246.72266	56279.68438	56268.19922	504925.1	5410210.3
L4925.0	504925.1	5410211.6	27739.59961	375.83	0	48.844856	-86.932873	56226.71	56230.5	19.51	56246.22	56247.76172	56280.99904	56269.60938	504925.1	5410211.6
L4925.0	504925.1	5410211.6	27739.69922	374.75	0	48.844856	-86.932873	56227.89	56230.5	19.51	56247.40	56248.94531	56285.86998	56274.58984	504925.1	5410211.6
L4925.0	504925.1	5410213.2	27739.80078	375.85	0	48.844871	-86.932873	56229.01	56230.5	19.50	56248.52	56250.07422	56289.64315	56278.48438	504925.1	5410213.2
L4925.0	504925.0	5410214.5	27740.00000	374.84	0	48.844883	-86.932873	56229.88	56230.5	19.50	56249.38	56250.94141	56287.66449	56276.63672	504925.0	5410214.5
L4925.0	504925.0	5410216.2	27740.00000	374.84	0	48.844898	-86.932873	56230.90	56230.5	19.50	56250.40	56251.97656	56289.69226	56278.80859	504925.0	5410216.2
L4925.0	504925.0	5410216.2	27740.19922	376.86	0	48.844898	-86.932873	56231.62	56230.5	19.50	56251.11	56252.70313	56284.79596	56274.06641	504925.0	5410216.2
L4925.0	504925.0	5410217.7	27740.30078	376.86	0	48.844912	-86.932873	56233.00	56230.5	19.49	56252.49	56254.10547	56295.75138	56285.18359	504925.0	5410217.7
L4925.0	504925.0	5410219.3	27740.40039	376.42	0	48.844925	-86.932873	56233.76	56230.5	19.49	56253.25	56254.89063	56292.56642	56282.17188	504925.0	5410219.3
L4925.0	504925.1	5410221.0	27740.50000	375.15	0	48.844941	-86.932873	56234.63	56230.5	19.49	56254.12	56255.78906	56292.20533	56281.99609	504925.1	5410221.0
L4925.0	504925.1	5410221.0	27740.59961	374.78	0	48.844941	-86.932873	56235.52	56230.5	19.49	56255.01	56256.71094	56292.57082	56282.55078	504925.1	5410221.0
L4925.0	504925.1	5410222.7	27740.69922	374.26	0	48.844957	-86.932873	56236.64	56230.5	19.49	56256.13	56257.86328	56298.53926	56288.72266	504925.1	5410222.7
L4925.0	504925.1	5410224.2	27740.80078	373.40	0	48.844970	-86.932873	56237.51	56230.5	19.48	56257.00	56258.77344	56298.94739	56289.34375	504925.1	5410224.2
L4925.0	504925.1	5410225.5	27740.90039	371.93	0	48.844982	-86.932872	56238.17	56230.5	19.48	56257.65	56259.46484	56294.48723	56285.10156	504925.1	5410225.5
L4925.0	504925.1	5410227.0	27741.00000	370.77	0	48.844995	-86.932872	56238.94	56230.5	19.48	56258.42	56260.27734	56293.05695	56283.90234	504925.1	5410227.0
L4925.0	504925.1	5410227.0	27741.09961	373.30	0	48.844995	-86.932872	56239.73	56230.5	19.48	56259.21	56261.11719	56292.32651	56283.41016	504925.1	5410227.0
L4925.0	504925.1	5410228.9	27741.19922	373.93	0	48.845012	-86.932872	56240.65	56230.5	19.47	56260.12	56262.07422	56294.61496	56285.94141	504925.1	5410228.9
L4925.0	504925.1	5410230.4	27741.30078	373.85	0	48.845025	-86.932872	56241.44	56230.5	19.47	56260.91	56262.91797	56294.33775	56285.91797	504925.1	5410230.4
L4925.0	504925.1	5410230.4	27741.40039	375.31	0	48.845025	-86.932872	56242.36	56230.5	19.47	56261.83	56263.89453	56297.30070	56289.14063	504925.1	5410230.4
L4925.0	504925.1	5410231.6	27741.50000	373.53	0	48.845036	-86.932872	56242.90	56230.5	19.47	56262.36	56264.48047	56291.41031	56283.51953	504925.1	5410231.6
L4925.0	504925.1	5410233.5	27741.59961	373.84	0	48.845053	-86.932872	56243.51	56230.5	19.46	56262.97	56265.15234	56287.58635	56279.97266	504925.1	5410233.5
L4925.0	504925.1	5410234.6	27741.69922	371.94	0	48.845063	-86.932872	56244.43	56230.5	19.46	56263.89	56266.13672	56291.16955	56283.83984	504925.1	5410234.6
L4925.0	504925.1	5410236.2	27741.80078	371.32	0	48.845077	-86.932873	56245.22	56230.5	19.46	56264.67	56266.98047	56291.69347	56284.65234	504925.1	5410236.2
L4925.0	504925.1	5410236.2	27741.90039	370.70	0	48.845077	-86.932873	56246.11	56230.5	19.45	56265.57	56267.94922	56295.19611	56288.45313	504925.1	5410236.2
L4925.0	504925.0	5410238.1	27742.00000	369.73	0	48.845095	-86.932873	56246.75	56230.6	19.45	56266.20	56268.65234	56292.60568	56286.16406	504925.0	5410238.1
L4925.0	504925.0	5410239.9	27742.09961	371.16	0	48.845111	-86.932874	56247.67	56230.5	19.45	56267.12	56269.64453	56296.93381	56290.80078	504925.0	5410239.9
L4925.0	504925.0	5410239.9	27742.19922	369.95	0	48.845111	-86.932874	56248.31	56230.5	19.45	56267.76	56270.35938	56294.92439	56289.10547	504925.0	5410239.9
L4925.0	504924.9	5410241.5	27742.30078	369.91	0	48.845125	-86.932874	56249.15	56230.5	19.45	56268.60	56271.27734	56297.72932	56292.23438	504924.9	5410241.5
L4925.0	504924.9	5410243.1	27742.40039	369.29	0	48.845140	-86.932875	56249.71	56230.5	19.45	56269.16	56271.91406	56294.18453	56289.01563	504924.9	5410243.1
L4925.0	504924.9	5410243.1	27742.50000	369.14	0	48.845140	-86.932875	56250.36	56230.5	19.45	56269.81	56272.64844	56292.88483	56288.04688	504924.9	5410243.1
L4925.0	504924.9	5410244.6	27742.59961	371.76	0	48.845154	-86.932875	56251.09	56230.5	19.46	56270.54	56273.46094	56293.59160	56289.08984	504924.9	5410244.6
L4925.0	504924.9	5410244.6	27742.69922	372.38	0	48.845154	-86.932875	56252.03	56230.5	19.46	56271.49	56274.49609	56299.55309	56295.39453	504924.9	5410244.6
L4925.0	504924.9	5410246.1	27742.80078	371.71	0	48.845167	-86.932875	56252.64	56230.5	19.46	56272.10	56275.19141	56297.74548	56293.93359	504924.9	5410246.1
L4925.0	504924.8	5410247.6	27742.90039	371.82	0	48.845180	-86.932876	56252.78	56230.5	19.46	56272.24	56275.42188	56285.14064	56281.67969	504924.8	5410247.6
L4925.0	504924.8	5410249.2	27743.00000	372.19	0	48.845195	-86.932876	56253.53	56230.5	19.46	56272.99	56276.26172	56286.83780	56283.73438	504924.8	5410249.2
L4925.0	504924.8	5410249.2	27743.09961	374.89	0	48.845195	-86.932876	56253.82	56230.5	19.46	56273.28	56276.64453	56277.95782	56275.21484	504924.8	5410249.2
L4925.0	504924.8	5410251.3	27743.19922	376.11	0	48.845213	-86.932876	56254.74	56230.5	19.47	56274.21	56277.66797	56284.06485	56281.68359	504924.8	5410251.3
L4925.0	504924.8	5410253.0	27743.30078	375.77	0	48.845229	-86.932876	56254.99	56230.5	19.47	56274.46	56278.01563	56274.46834	56272.45703	504924.8	5410253.0
L4925.0	504924.8	5410253.0	27743.40039	375.49	0	48.845229	-86.932876	56256.14	56230.5	19.48	56275.63	56279.28125	56286.35540	56284.71484	504924.8	5410253.0
L4925.0	504924.8	5410254.6	27743.50000	375.46	0	48.845243	-86.932877	56256.83	56230.5	19.49	56276.32	56280.07031	56287.17585	56285.91016	504924.8	5410254.6
L4925.0	504924.7	5410255.8	27743.59961	376.52	0	48.845254	-86.932877	56257.67	56230.5	19.49	56277.16	56281.01172	56291.56848	56290.68359	504924.7	5410255.8
L4925.0	504924.7	5410255.8	27743.69922	376.99	0	48.845254	-86.932877	56258.44	56230.5	19.50	56277.94	56281.89063	56294.64567	56294.14063	504924.7	5410255.8
L4925.0	504924.7	5410257.9	27743.80078	375.79	0	48.845272	-86.932877	56258.87	56230.5	19.50	56278.37	56282.42578	56289.66022	56289.53906	504924.7	5410257.9
L4925.0	504924.7	5410259.4	27743.90039	374.19	0	48.845286	-86.932877	56259.59	56230.5	19.51	56279.09	56283.25000	56291.48352	56291.75391	504924.7	5410259.4
L4925.0	504924.7	5410261.3	27744.00000	375.04	0	48.845303	-86.932878	56259.71	56230.5	19.51	56279.22	56283.48438	56279.65349	56280.31250	504924.7	5410261.3
L4925.0	504924.7	5410262.6	27744.09961	376.48	0	48.845315	-86.932878	56260.66	56230.5	19.51	56280.17	56284.54297	56286.94094	56287.99219	504924.7	5410262.6
L4925.0	504924.7	5410262.6	27744.19922	374.52	0	48.845315	-86.932878	56261.06	56230.5	19.51	56280.57	56285.05078	56281.49351	56282.94141	504924.7	5410262.6
L4925.0	504924.6	5410264.4	27744.30078	374.25	0	48.845331	-86.932878	56262.02	56230.5	19.51	56281.53	56286.12109	56289.10846	56290.95313	504924.6	5410264.4
L4925.0	504924.6	5410264.4	27744.40039	373.56	0	48.845331	-86.932878	56262.60	56230.5	19.51	56282.11	56286.81250	56287.92931	56290.17578	504924.6	5410264.4
L4925.0	504924.6	5410266.2	27744.50000	373.84	0	48.845347	-86.932878	56263.23	56230.5	19.51	56282.74	56287.55078	56287.94641	56290.59375	504924.6	5410266.2
L4925.0	504924.6	5410267.8	27744.59961	375.01	0	48.845362	-86.932878	56263.92	56230.5	19.51	56283.43	56288.35547	56289.38698	56292.44141	504924.6	5410267.8
L4925.0	504924.6	5410269.4	27744.69922	374.44	0	48.845376	-86.932878	56264.64	56230.5	19.51	56284.15	56289.18750	56291.54855	56295.00781	504924.6	5410269.4
L4925.0	504924.6	5410269.4	27744.80078	373.64	0	48.845376	-86.932878	56265.36	56230.5	19.51	56284.87	56290.02344	56293.72877	56297.59375	504924.6	5410269.4
L4925.0	504924.6	5410271.2	27744.90039	376.17	0	48.845392	-86.932878	56265.84	56230.5	19.51	56285.35	56290.62109	56290.34382	56294.62109	504924.6	5410271.2
L4925.0	504924.7	5410272.6	27745.00000	378.33	0	48.845405	-86.932878	56266.70	56230.5	19.51	56286.21	56291.59766	56295.80137	56300.48828	504924.7	5410272.6
L4925.0	504924.7	5410274.4	27745.09961	378.56	0	48.845422	-86.932878	56267.25	56230.5	19.51	56286.76	56292.26563	56294.05729	56299.15625	504924.7	5410274.4
L4925.0	504924.7	5410274.4	27745.19922	376.63	0	48.845422	-86.932878	56267.97	56230.5	19.52	56287.49	56293.11328	56296.49760	56302.00781	504924.7	5410274.4
L4925.0	504924.7	5410276.1	27745.30078	374.27	0	48.845437	-86.932877	56268.49	56230.5	19.52	56288.01	56293.75391	56294.05222	56299.97656	504924.7	5410276.1

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4925.0	504924.7	5410277.7	27745.40039	373.68	0	48.845450	-86.932877	56268.95	56230.5	19.52	56288.47	56294.33594	56290.20393	56296.54688	504924.7	5410277.7
L4925.0	504924.7	5410277.7	27745.50000	372.90	0	48.845450	-86.932877	56269.77	56230.5	19.53	56289.30	56295.28906	56294.94450	56301.70313	504924.7	5410277.7
L4925.0	504924.8	5410279.4	27745.59961	372.01	0	48.845466	-86.932876	56270.61	56230.5	19.53	56290.13	56296.24219	56299.66924	56306.84375	504924.8	5410279.4
L4925.0	504924.8	5410280.9	27745.59961	372.01	0	48.845479	-86.932876	56271.48	56230.5	19.53	56291.00	56297.23438	56305.30441	56312.89453	504924.8	5410280.9
L4925.0	504924.8	5410280.9	27745.80078	371.79	0	48.845479	-86.932876	56271.68	56230.5	19.53	56291.22	56297.57813	56295.80704	56303.81641	504924.8	5410280.9
L4925.0	504924.9	5410284.1	27745.90039	373.34	0	48.845508	-86.932875	56272.73	56230.5	19.54	56292.27	56298.75391	56305.57764	56314.00781	504924.9	5410284.1
L4925.0	504924.9	5410284.1	27746.00000	372.01	0	48.845508	-86.932875	56273.03	56230.5	19.54	56292.57	56299.17969	56297.88487	56306.73438	504924.9	5410284.1
L4925.0	504924.9	5410285.6	27746.09961	371.14	0	48.845522	-86.932875	56273.65	56230.5	19.54	56293.20	56299.93750	56297.83130	56307.09766	504924.9	5410285.6
L4925.0	504924.9	5410285.6	27746.19922	371.03	0	48.845522	-86.932875	56274.23	56230.5	19.55	56293.78	56300.64453	56296.58086	56306.26563	504924.9	5410285.6
L4925.0	504924.9	5410287.3	27746.30078	371.56	0	48.845537	-86.932874	56274.90	56230.4	19.55	56294.45	56301.44141	56297.38547	56307.49219	504924.9	5410287.3
L4925.0	504924.9	5410288.8	27746.40039	387.54	0	48.845550	-86.932874	56275.41	56230.4	19.56	56294.97	56302.09375	56294.66384	56305.18750	504924.9	5410288.8
L4925.0	504924.9	5410290.5	27746.50000	388.98	0	48.845566	-86.932874	56276.17	56230.4	19.56	56295.73	56302.98438	56297.47969	56308.42188	504924.9	5410290.5
L4925.0	504924.9	5410290.5	27746.59961	388.86	0	48.845566	-86.932874	56276.99	56230.4	19.56	56296.56	56303.94141	56301.87930	56313.24219	504924.9	5410290.5
L4925.0	504925.0	5410292.0	27746.69922	389.86	0	48.845580	-86.932873	56277.78	56230.4	19.57	56297.35	56304.86328	56305.30386	56317.08594	504925.0	5410292.0
L4925.0	504925.0	5410293.8	27746.80078	388.09	0	48.845596	-86.932873	56278.38	56230.4	19.57	56297.95	56305.59766	56304.26492	56316.46484	504925.0	5410293.8
L4925.0	504925.0	5410293.8	27746.90039	386.61	0	48.845596	-86.932873	56278.75	56230.4	19.58	56298.32	56306.10156	56297.83124	56310.44531	504925.0	5410293.8
L4925.0	504925.0	5410295.4	27747.00000	386.33	0	48.845610	-86.932873	56279.85	56230.4	19.58	56299.43	56307.34375	56308.54998	56321.58203	504925.0	5410295.4
L4925.0	504925.0	5410297.4	27747.09961	386.28	0	48.845628	-86.932873	56280.21	56230.4	19.58	56299.79	56307.83984	56301.78386	56315.23047	504925.0	5410297.4
L4925.0	504925.0	5410297.4	27747.19922	385.77	0	48.845628	-86.932873	56280.69	56230.4	19.59	56300.28	56308.46484	56297.98825	56311.85156	504925.0	5410297.4
L4925.0	0.0	0.0	27747.30078	387.52	0	48.845643	-86.932872	56281.62	56230.4	19.59	56301.21	56309.52734	56304.36859	56318.64453	504925.0	5410299.0
L4925.0	0.0	0.0	27747.40039	387.52	0	48.845655	-86.932872	56282.28	56230.4	19.59	56301.87	56310.32422	56304.41979	56319.10938	504925.1	5410300.4
L4925.0	0.0	0.0	27747.50000	388.42	0	48.845669	-86.932872	56282.86	56230.4	19.60	56302.45	56311.04297	56302.55809	56317.66016	504925.1	5410302.0
L4925.0	0.0	0.0	27747.59961	385.89	0	48.845669	-86.932872	56283.32	56230.4	19.60	56302.92	56311.64844	56298.08583	56313.59766	504925.1	5410302.0
L4925.0	0.0	0.0	27747.69922	385.89	0	48.845683	-86.932871	56284.26	56230.4	19.60	56303.86	56312.72656	56304.48538	56320.40625	504925.1	5410303.5
L4925.0	0.0	0.0	27747.80078	386.79	0	48.845697	-86.932871	56284.90	56230.4	19.60	56304.51	56313.51563	56304.08992	56320.41797	504925.1	5410305.0
L4925.0	0.0	0.0	27747.90039	387.22	0	48.845710	-86.932871	56285.52	56230.4	19.61	56305.13	56314.27734	56302.94345	56319.67969	504925.2	5410306.5
L4925.0	0.0	0.0	27748.00000	385.56	0	48.845710	-86.932871	56286.18	56230.4	19.61	56305.79	56315.07422	56302.67338	56319.81250	504925.2	5410306.5
L4925.0	0.0	0.0	27748.09961	384.68	0	48.845726	-86.932870	56286.79	56230.4	19.62	56306.40	56315.82813	56301.18790	56318.72656	504925.2	5410308.2
L4925.0	0.0	0.0	27748.19922	386.93	0	48.845744	-86.932869	56287.61	56230.4	19.62	56307.24	56316.80859	56304.99626	56322.93750	504925.3	5410310.2
L4925.0	0.0	0.0	27748.30078	386.26	0	48.845744	-86.932869	56288.38	56230.4	19.63	56308.01	56317.71875	56307.12523	56325.46484	504925.3	5410310.2
L4925.0	0.0	0.0	27748.40039	387.39	0	48.845762	-86.932868	56289.26	56230.4	19.64	56308.90	56318.75000	56311.99213	56330.72656	504925.3	5410312.2
L4925.0	0.0	0.0	27748.50000	386.69	0	48.845775	-86.932868	56289.77	56230.4	19.65	56309.42	56319.41406	56308.20720	56327.33203	504925.4	5410313.8
L4925.0	0.0	0.0	27748.59961	385.74	0	48.845775	-86.932868	56290.63	56230.3	19.65	56310.28	56320.41406	56312.27570	56331.79297	504925.4	5410313.8
L4925.0	0.0	0.0	27748.69922	386.63	0	48.845792	-86.932867	56291.31	56230.3	19.66	56310.97	56321.25000	56312.34310	56332.25000	504925.4	5410315.7
L4925.0	0.0	0.0	27748.80078	387.21	0	48.845808	-86.932866	56292.18	56230.3	19.67	56311.84	56322.26172	56316.54629	56336.83594	504925.5	5410317.4
L4925.0	0.0	0.0	27748.90039	385.87	0	48.845808	-86.932866	56292.97	56230.3	19.67	56312.64	56323.20703	56319.07475	56339.74609	504925.5	5410317.4
L4925.0	0.0	0.0	27749.00000	388.48	0	48.845820	-86.932866	56293.68	56230.3	19.68	56313.36	56324.07031	56319.69697	56340.75000	504925.5	5410318.7
L4925.0	0.0	0.0	27749.09961	386.05	0	48.845833	-86.932865	56294.45	56230.3	19.68	56314.13	56324.98438	56321.43589	56342.86328	504925.6	5410320.2
L4925.0	0.0	0.0	27749.19922	388.83	0	48.845847	-86.932864	56294.91	56230.3	19.69	56314.60	56325.59766	56316.15649	56337.95703	504925.6	5410321.7
L4925.0	0.0	0.0	27749.30078	389.00	0	48.845847	-86.932864	56295.62	56230.3	19.69	56315.31	56326.45313	56316.41252	56338.58203	504925.6	5410321.7
L4925.0	0.0	0.0	27749.40039	389.32	0	48.845863	-86.932864	56296.46	56230.3	19.70	56316.16	56327.44922	56319.88041	56342.41406	504925.6	5410323.5
L4925.0	0.0	0.0	27749.50000	388.84	0	48.845876	-86.932863	56297.28	56230.3	19.70	56316.98	56328.41406	56322.60942	56345.50391	504925.7	5410325.0
L4925.0	0.0	0.0	27749.59961	390.05	0	48.845876	-86.932863	56298.02	56230.3	19.70	56317.72	56329.30078	56323.43826	56346.69141	504925.7	5410325.0
L4925.0	0.0	0.0	27749.69922	390.05	0	48.845890	-86.932863	56299.02	56230.3	19.71	56318.73	56330.45703	56330.50395	56354.10938	504925.7	5410326.5
L4925.0	0.0	0.0	27749.80078	388.66	0	48.845904	-86.932862	56299.76	56230.3	19.71	56319.47	56331.33984	56331.25474	56355.21094	504925.8	5410328.1
L4925.0	0.0	0.0	27749.90039	388.86	0	48.845915	-86.932862	56300.24	56230.3	19.72	56319.95	56331.96875	56325.92403	56350.22266	504925.8	5410329.3
L4925.0	0.0	0.0	27750.00000	384.68	0	48.845915	-86.932862	56301.28	56230.3	19.72	56321.00	56333.16406	56333.80670	56358.44531	504925.8	5410329.3
L4925.0	0.0	0.0	27750.09961	384.10	0	48.845932	-86.932862	56302.18	56230.3	19.72	56321.91	56334.21875	56338.39910	56363.37500	504925.8	5410331.2
L4925.0	0.0	0.0	27750.19922	384.21	0	48.845947	-86.932861	56302.69	56230.3	19.73	56322.42	56334.87500	56333.65815	56358.96094	504925.8	5410332.8
L4925.0	0.0	0.0	27750.30078	386.14	0	48.845947	-86.932861	56303.68	56230.3	19.74	56323.42	56336.01953	56340.27331	56365.90234	504925.8	5410332.8
L4925.0	0.0	0.0	27750.40039	384.86	0	48.845961	-86.932861	56304.32	56230.3	19.74	56324.06	56336.80469	56338.48636	56364.43359	504925.8	5410334.4
L4925.0	0.0	0.0	27750.50000	372.39	0	48.845976	-86.932861	56305.12	56230.3	19.75	56324.87	56337.75781	56340.61817	56366.87891	504925.8	5410336.1
L4925.0	0.0	0.0	27750.59961	373.33	0	48.845990	-86.932861	56305.86	56230.3	19.75	56325.61	56338.64453	56341.09031	56367.66016	504925.8	5410337.6
L4925.0	0.0	0.0	27750.69922	373.17	0	48.845990	-86.932861	56306.41	56230.2	19.75	56326.17	56339.34766	56337.34618	56364.21875	504925.8	5410337.6
L4925.0	0.0	0.0	27750.80078	372.43	0	48.846004	-86.932861	56306.86	56230.2	19.76	56326.61	56339.92969	56330.78093	56357.94922	504925.8	5410339.2
L4925.0	0.0	0.0	27750.90039	386.21	0	48.846020	-86.932861	56307.66	56230.2	19.76	56327.43	56340.89453	56333.01774	56360.47656	504925.8	5410341.0
L4925.0	0.0	0.0	27751.00000	387.83	0	48.846037	-86.932861	56308.71	56230.2	19.77	56328.48	56342.08594	56340.56993	56368.31250	504925.8	5410342.9
L4925.0	0.0	0.0	27751.09961	388.35	0	48.846037	-86.932861	56309.43	56230.2	19.78	56329.21	56342.95703	56340.65247	56368.67188	504925.8	5410342.9
L4925.0	0.0	0.0	27751.19922	387.84	0	48.846053	-86.932862	56309.66	56230.2	19.78	56329.44	56343.33203	56329.08114	56357.37109	504925.8	5410344.6
L4925.0	0.0	0.0	27751.30078	386.22	0	48.846053	-86.932862	56310.48	56230.2	19.79	56330.26	56344.29297	56331.19376	56359.75000	504925.8	5410344.6
L4925.0	0.0	0.0	27751.40039	385.64	0	48.846069	-86.932862	56311.26	56230.2	19.79	56331.05	56345.22266	56332.57778	56361.39063	504925.8	5410346.4
L4925.0	0.0	0.0	27751.50000	386.90	0	48.846085	-86.932862	56311.86	56230.2	19.80	56331.66	56345.96875	56329.74608	56358.80469	504925.7	5410348.2
L4925.0	0.0	0.0	27751.59961	386.95	0	48.846098	-86.932862	56313.10	56230.2	19.81	56332.90	56347.34766	56341.52736	56370.82813	504925.7	5410349.7
L4925.0	0.0	0.0	27751.69922	386.95	0	48.846098	-86.932862	56313.36	56230.2	19.81	56333.17	56347.75781	56330.72796	56360.26563	504925.7	5410349.7
L4925.0	0.0	0.0	27751.80078	388.88	0	48.846114	-86.932863	56314.38	56230.2	19.82	56334.20	56348.92188	56337.56247	56367.32422	504925.7	5410351.4
L4925.0	0.0	0.0	27751.90039	375.86	0	48.846131	-86.932863	56314.89	56230.2	19.82	56334.71	56349.57031	56332.27568	56362.25391	504925.7	5410353.3
L4925.0	0.0	0.0	27752.00000	375.41	0	48.846144	-86.932863	56316.14	56230.2	19.83	56335.97	56350.96094	56344.38896	56374.57813	504925.7	5410354.7
L4925.0	0.0	0.0	27752.09961	387.04	0	48.846144	-86.932863	56316.59	56230.2	19.83	56336.43	56351.55469	56337.87054	56368.26172	504925.7	5410354.7
L4925.0	0.0	0.0	27752.19922	375.61	0	48.846157	-86.932863	56317.70	56230.2	19.84	56337.54	56352.79688	56346.42583	56377.00781	504925.7	5410356.2
L4925.0	0.0	0.0	27752.30078	375.76	0	48.846178	-86.932863	56318.48	56230.2	19.84	56338.32	56353.70703	56347.27297	56378.03906	504925.7	5410358.5
L4925.0	0.0	0.0	27752.40039	372.69	0	48.846178	-86.932863	56319.36	56230.2	19.85	56339.21	56354.72656	56350.63898	56381.58203	504925.7	5410358.5
L4925.0	0.0	0.0	27752.50000	373.53	0	48.846193	-86.932862	56320.12	56230.1	19.85	56339.97	56355.61719	56350.94370	56382.05078	504925.7	5410360.2
L4925.0	0.0	0.0	27752.59961	373.31	0	48.846203	-86.932862	56320.94	56230.1	19.85	56340.79	56356.56250	56352.60254	56383.86719	504925.7	5410361.3
L4925.0	0.0	0.0	27752.69922	371.83	0	48.846203	-86.932862	56321.91	56230.1	19.86	56341.77	56357.66406	56357.93873	56389.34766	504925.7	5410361.3
L4925.0	0.0	0.0	27752.80078	371.35	0	48.846219	-86.932862	56322.90	56230.1	19.86	56342.76	56358.77734	56363.46398	56395.01172	504925.8	5410363.0
L4925.0	0.0	0.0	27752.90039	370.36	0	48.846235	-86.932861	56323.75	56230.1	19.87	56343.61	56359.75000	56365.68994	56397.36328	504925.8	5410364.9
L4925.0	0.0	0.0	27753.00000	372.49	0	48.846235	-86.932861	56324.33	56230.1	19.87	56344.20	56360.46094	56361.82557	56393.61719	504925.8	5410364.9
L4925.0	0.0	0.0	27753.09961	372.25	0	48.846253	-86.932861	56325.00	56230.1	19.88	56344.87	56361.24609	56359.77281	56391.67188	504925.8	5410366.8
L4925.0	0.0	0.0	27753.19922	372.88	0	48.846266	-86.932860	56325.79	56230.1	19.88	56345.67	56362.16406	56360.69229	56392.68750	504925.9	5410368.3
L4925.0	0.0	0.0	27753.30078	371.74	0	48.846280	-86.932860	56326.40	56230.1	19.89	56346.29	56362.89453	56357.37612	56389.45703	504925.9	5410369.8
L4925.0	0.0	0.0	27753.40039	371.71	0	48.846298	-86.932859	56327.52	56230.1	19.89	56347.42	56364.13672	56365.86211	56398.01563	504925.9	5410371.9
L4925.0	0.0	0.0	27753.50000	373.15	0	48.846298	-86.932859	56328.29	56230.1	19.90	56348.19	56365.01563	56365.92466	56398.14453	504925.9	5410371.9
L4925.0	0.0	0.0	27753.59961	373.41	0	48.846316	-86.932859	56329.08	56230.1	19.91	56348.98	56365.91406	56366.39534	56398.66797	504926.0	5410373.9
L4925.0	0.0	0.0	27753.69922	373.93	0	48.846316	-86.932859	56329.56	56230.1	19.91	56349.48	56366.51563	56360.06612	56392.37891	504926.0	5410373.9
L4925.0	0.0	0.0	27753.80078	373.85	0	48.846329	-86.932859	56330.66	56230.1	19.92	56350.58	56367.71875	56367.62388	56399.96875	504926.0	5410375.3
L4925.0	0.0	0.0	27753.90039	373.73	0	48.846329	-86.932859	56331.38	56230.1	19.92	56351.30	56368.53906	56366.28589	56398.64844	504926.0	5410375.3
L4925.0	0.0	0.0	27754.00000	372.95	0	48.846357	-86.932858	56332.29	56230.1	19.93	56352.22	56369.55469	56369.53282	56401.90234	504926.0	5410378.5
L4925.0	0.0	0.0	27754.09961	372.64	0	48.846357	-86.932858	56333.21	56230.1	19.93	56353.15	56370.58203	56372.94611	56405.30859	504926.0	5410378.5
L4925.0	0.0	0.0	27754.19922	371.26	0	48.846371	-86.932859	56333.93	56230.1	19.94	56353.87	56371.39453	56371.40981	56403.75781	504926.0	5410379.9
L4925.0	0.0	0.0	27754.30078	372.10	0	48.846389	-86.932859	56334.28	56230.1	19.94	56354.23	56371.84375	56361.43522	56393.75391	504925.9	5410382.0
L4925.0	0.0	0.0	27754.40039	372.70	0	48.846403	-86.932859	56335.59	56230	19.95	56355.54	56373.23828	56373.47248	56405.75000	504925.9	5410383.5
L4925.0	0.0	0.0	27754.50000	372.53	0	48.846403	-86.932859	56336.20	56230	19.96	56356.15	56373.92969	56369.16426	56401.38672	504925.9	5410383.5
L4925.0	0.0	0.0	27754.59961	372.20	0	48.846419	-86.932860	56336.86	56230	19.96	56356.82	56374.68359	56366.17559	56398.33203	504925.9	5410385.4

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4925.0	0.0	0.0	27754.69922	369.57	0	48.846437	-86.932860	56337.98	56230	19.97	56357.95	56375.89063	56373.80308	56405.88281	504925.9	5410387.3
L4925.0	0.0	0.0	27754.80078	371.43	0	48.846437	-86.932860	56338.55	56230	19.97	56358.52	56376.53516	56368.33436	56400.32031	504925.9	5410387.3
L4925.0	0.0	0.0	27754.90039	373.54	0	48.846452	-86.932860	56339.49	56230	19.98	56359.47	56377.55469	56371.61886	56403.50000	504925.8	5410388.9
L4925.0	0.0	0.0	27755.00000	374.38	0	48.846466	-86.932861	56340.03	56230	19.98	56360.01	56378.16406	56365.29089	56397.05469	504925.8	5410390.6
L4925.0	0.0	0.0	27755.09961	374.29	0	48.846466	-86.932861	56341.10	56230	19.99	56361.08	56379.29688	56371.19998	56402.83594	504925.8	5410390.6
L4925.0	0.0	0.0	27755.19922	372.25	0	48.846483	-86.932861	56341.58	56230	19.99	56361.57	56379.84766	56363.54195	56395.03516	504925.8	5410392.4
L4925.0	0.0	0.0	27755.30078	373.64	0	48.846496	-86.932861	56342.40	56230	20.00	56362.40	56380.73828	56363.70159	56395.03906	504925.8	5410393.9
L4925.0	0.0	0.0	27755.40039	374.10	0	48.846513	-86.932862	56343.50	56230	20.01	56363.50	56381.89063	56370.05048	56401.21484	504925.7	5410395.8
L4925.0	0.0	0.0	27755.50000	374.63	0	48.846513	-86.932862	56344.60	56230	20.02	56364.61	56383.05078	56376.54360	56407.52734	504925.7	5410395.8
L4925.0	0.0	0.0	27755.59961	373.61	0	48.846532	-86.932862	56345.03	56230	20.02	56365.05	56383.53906	56367.37281	56398.16016	504925.7	5410397.9
L4925.0	0.0	0.0	27755.59961	373.61	0	48.846532	-86.932862	56345.92	56230	20.02	56365.94	56384.47266	56368.57246	56399.14844	504925.7	5410397.9
L4925.0	0.0	0.0	27755.80078	375.33	0	48.846547	-86.932862	56346.76	56230	20.04	56366.80	56385.37500	56368.98379	56399.33984	504925.7	5410399.6
L4925.0	0.0	0.0	27755.90039	374.55	0	48.846547	-86.932862	56347.66	56230	20.04	56367.70	56386.30859	56370.23333	56400.35156	504925.7	5410399.6
L4925.0	0.0	0.0	27756.00000	374.27	0	48.846563	-86.932862	56348.50	56229.9	20.05	56368.55	56387.19141	56370.22842	56400.09766	504925.7	5410401.3
L4925.0	0.0	0.0	27756.09961	375.57	0	48.846580	-86.932862	56349.60	56229.9	20.05	56369.65	56388.32031	56375.94237	56405.54688	504925.7	5410403.2
L4925.0	0.0	0.0	27756.19922	375.61	0	48.846594	-86.932862	56350.77	56229.9	20.06	56370.83	56389.52734	56383.42312	56412.75391	504925.7	5410404.8
L4925.0	0.0	0.0	27756.30078	376.03	0	48.846594	-86.932862	56351.43	56229.9	20.06	56371.50	56390.21875	56378.95555	56407.99609	504925.7	5410404.8
L4925.0	0.0	0.0	27756.40039	377.88	0	48.846610	-86.932862	56352.50	56229.9	20.07	56372.57	56391.30469	56383.69330	56412.42969	504925.7	5410406.6
L4925.0	0.0	0.0	27756.50000	375.88	0	48.846620	-86.932862	56353.07	56229.9	20.07	56373.14	56391.89063	56376.71536	56405.13281	504925.7	5410407.6
L4925.0	0.0	0.0	27756.59961	373.72	0	48.846635	-86.932862	56354.22	56229.9	20.07	56374.29	56393.05078	56383.12749	56411.21484	504925.7	5410409.3
L4925.0	0.0	0.0	27756.69922	372.75	0	48.846635	-86.932862	56355.09	56229.9	20.08	56375.16	56393.92578	56382.93879	56410.68359	504925.7	5410409.3
L4925.0	0.0	0.0	27756.80078	373.64	0	48.846646	-86.932862	56356.20	56229.9	20.08	56376.28	56395.04688	56388.47019	56415.85938	504925.7	5410410.6
L4925.0	0.0	0.0	27756.90039	372.99	0	48.846666	-86.932862	56357.00	56229.9	20.09	56377.08	56395.84375	56386.47242	56413.49219	504925.7	5410412.7
L4925.0	0.0	0.0	27757.00000	370.88	0	48.846666	-86.932862	56357.92	56229.9	20.09	56378.01	56396.76953	56387.40706	56414.04688	504925.7	5410412.7
L4925.0	0.0	0.0	27757.09961	372.92	0	48.846678	-86.932862	56358.79	56229.9	20.09	56378.88	56397.62891	56386.85860	56413.10156	504925.7	5410414.2
L4925.0	0.0	0.0	27757.19922	373.64	0	48.846693	-86.932861	56359.93	56229.9	20.09	56380.03	56398.76172	56392.73194	56418.57031	504925.7	5410415.8
L4925.0	0.0	0.0	27757.30078	373.29	0	48.846706	-86.932861	56360.95	56229.9	20.09	56381.05	56399.76563	56395.49786	56420.91406	504925.8	5410417.2
L4925.0	0.0	0.0	27757.40039	370.77	0	48.846706	-86.932861	56361.72	56229.9	20.09	56381.82	56400.51172	56392.36858	56417.35156	504925.8	5410417.2
L4925.0	0.0	0.0	27757.50000	371.86	0	48.846727	-86.932861	56362.69	56229.9	20.10	56382.79	56401.45703	56393.80662	56418.34766	504925.8	5410419.5
L4925.0	0.0	0.0	27757.59961	371.66	0	48.846738	-86.932860	56363.43	56229.9	20.10	56383.52	56402.15625	56389.58595	56413.66797	504925.8	5410420.8
L4925.0	0.0	0.0	27757.69922	369.88	0	48.846752	-86.932860	56364.45	56229.9	20.10	56384.54	56403.14063	56392.02913	56415.64453	504925.8	5410422.4
L4925.0	0.0	0.0	27757.80078	370.62	0	48.846752	-86.932860	56365.24	56229.9	20.10	56385.34	56403.90234	56389.28331	56412.41797	504925.8	5410422.4
L4925.0	0.0	0.0	27757.90039	370.28	0	48.846771	-86.932860	56366.49	56229.9	20.10	56386.59	56405.10938	56396.92585	56419.56641	504925.8	5410424.4
L4925.0	0.0	0.0	27758.00000	372.30	0	48.846786	-86.932860	56367.72	56229.9	20.10	56387.82	56406.29297	56404.03415	56426.17188	504925.9	5410426.1
L4925.0	0.0	0.0	27758.09961	374.41	0	48.846786	-86.932860	56368.84	56229.9	20.10	56388.94	56407.36328	56408.51919	56430.14453	504925.9	5410426.1
L4925.0	0.0	0.0	27758.19922	374.53	0	48.846804	-86.932859	56369.76	56229.9	20.11	56389.87	56408.23828	56408.52462	56429.62500	504925.9	5410428.2
L4925.0	0.0	0.0	27758.30078	375.80	0	48.846821	-86.932859	56370.78	56229.9	20.11	56390.89	56409.19922	56410.56277	56431.12891	504925.9	5410430.0
L4925.0	0.0	0.0	27758.40039	374.77	0	48.846821	-86.932859	56371.95	56229.9	20.12	56392.07	56410.31641	56416.26456	56436.28516	504925.9	5410430.0
L4925.0	0.0	0.0	27758.50000	375.21	0	48.846836	-86.932859	56373.00	56229.9	20.12	56393.12	56411.30078	56418.89265	56438.35547	504925.9	5410431.7
L4925.0	0.0	0.0	27758.59961	376.55	0	48.846852	-86.932859	56373.94	56229.9	20.12	56394.06	56412.17188	56418.91610	56437.81641	504925.9	5410433.5
L4925.0	0.0	0.0	27758.69922	375.60	0	48.846852	-86.932859	56374.87	56229.9	20.13	56394.99	56413.02734	56418.66384	56436.98828	504925.9	5410433.5
L4925.0	0.0	0.0	27758.80078	372.49	0	48.846871	-86.932859	56376.01	56229.9	20.13	56396.14	56414.09766	56423.48696	56441.22656	504925.9	5410435.6
L4925.0	0.0	0.0	27758.90039	372.32	0	48.846871	-86.932859	56377.04	56229.9	20.14	56397.17	56415.04688	56425.48665	56442.63672	504925.9	5410435.6
L4925.0	0.0	0.0	27759.00000	372.32	0	48.846888	-86.932859	56377.95	56229.9	20.14	56398.09	56415.88281	56424.90037	56441.44922	504925.9	5410437.5
L4925.0	0.0	0.0	27759.09961	373.31	0	48.846901	-86.932859	56378.84	56229.9	20.14	56398.99	56416.69531	56423.82543	56439.76563	504925.9	5410438.9
L4925.0	0.0	0.0	27759.19922	373.84	0	48.846901	-86.932859	56380.07	56229.9	20.15	56400.21	56417.82422	56430.17079	56445.49609	504925.9	5410438.9
L4925.0	0.0	0.0	27759.30078	372.28	0	48.846915	-86.932859	56381.16	56229.8	20.15	56401.32	56418.83594	56433.94638	56448.64844	504925.9	5410440.4
L4925.0	0.0	0.0	27759.40039	370.78	0	48.846929	-86.932858	56382.01	56229.8	20.16	56402.17	56419.58984	56431.67116	56445.74219	504925.9	5410442.0
L4925.0	0.0	0.0	27759.50000	371.66	0	48.846945	-86.932858	56383.00	56229.8	20.16	56403.16	56420.47656	56432.64947	56446.08203	504925.9	5410443.8
L4925.0	0.0	0.0	27759.59961	386.56	0	48.846945	-86.932858	56384.20	56229.8	20.16	56404.37	56421.58203	56438.74721	56451.53906	504925.9	5410443.8
L4925.0	0.0	0.0	27759.69922	386.56	0	48.846961	-86.932858	56384.97	56229.8	20.17	56405.14	56422.24219	56434.62862	56446.76953	504925.9	5410445.5
L4925.0	0.0	0.0	27759.80078	386.48	0	48.846975	-86.932858	56386.14	56229.8	20.17	56406.32	56423.31250	56440.05924	56451.54688	504926.0	5410447.1
L4925.0	0.0	0.0	27759.90039	375.54	0	48.846975	-86.932858	56387.16	56229.8	20.18	56407.34	56424.21484	56441.79586	56452.62500	504926.0	5410447.1
L4925.0	0.0	0.0	27760.00000	375.00	0	48.846989	-86.932858	56388.01	56229.8	20.18	56408.19	56424.94922	56439.61306	56449.78125	504926.0	5410448.7
L4925.0	0.0	0.0	27760.09961	372.98	0	48.847001	-86.932858	56389.23	56229.8	20.18	56409.41	56426.05078	56446.07081	56455.57031	504926.0	5410450.0
L4925.0	0.0	0.0	27760.19922	385.14	0	48.847001	-86.932858	56390.38	56229.8	20.19	56410.57	56427.08594	56451.18088	56460.01172	504926.0	5410450.0
L4925.0	0.0	0.0	27760.30078	387.12	0	48.847020	-86.932857	56391.43	56229.8	20.19	56411.61	56428.00000	56453.55619	56461.71094	504926.0	5410452.2
L4925.0	0.0	0.0	27760.40039	388.83	0	48.847034	-86.932857	56392.34	56229.8	20.19	56412.54	56428.80078	56453.43701	56460.91797	504926.0	5410453.7
L4925.0	0.0	0.0	27760.50000	388.35	0	48.847047	-86.932857	56393.37	56229.8	20.19	56413.56	56429.69141	56455.48055	56462.28516	504926.0	5410455.2
L4925.0	0.0	0.0	27760.59961	388.41	0	48.847047	-86.932857	56394.23	56229.8	20.20	56414.43	56430.42969	56454.11603	56460.23828	504926.0	5410455.2
L4925.0	0.0	0.0	27760.69922	388.54	0	48.847061	-86.932856	56395.71	56229.8	20.20	56415.92	56431.78516	56467.25109	56472.69531	504926.1	5410456.7
L4925.0	0.0	0.0	27760.80078	388.86	0	48.847079	-86.932856	56396.58	56229.8	20.20	56416.78	56432.50781	56465.83710	56470.59766	504926.1	5410458.7
L4925.0	0.0	0.0	27760.90039	388.12	0	48.847096	-86.932855	56397.45	56229.8	20.21	56417.65	56433.23828	56464.76012	56468.83984	504926.2	5410460.6
L4925.0	0.0	0.0	27761.00000	374.57	0	48.847107	-86.932855	56398.39	56229.8	20.21	56418.60	56434.04688	56465.65628	56469.05469	504926.2	5410461.8
L4925.0	0.0	0.0	27761.09961	372.74	0	48.847118	-86.932854	56399.18	56229.8	20.21	56419.40	56434.70313	56463.18814	56465.90625	504926.2	5410463.0
L4925.0	0.0	0.0	27761.19922	388.89	0	48.847118	-86.932854	56400.56	56229.8	20.22	56420.78	56435.93750	56474.33439	56476.37500	504926.2	5410463.0
L4925.0	0.0	0.0	27761.30078	389.97	0	48.847136	-86.932854	56401.56	56229.8	20.22	56421.78	56436.79297	56476.78850	56478.15234	504926.2	5410465.0
L4925.0	0.0	0.0	27761.40039	388.80	0	48.847136	-86.932854	56402.42	56229.8	20.22	56422.64	56437.50391	56476.13904	56476.82813	504926.2	5410465.0
L4925.0	0.0	0.0	27761.50000	388.29	0	48.847148	-86.932854	56403.34	56229.8	20.22	56423.57	56438.28516	56477.27735	56477.29297	504926.2	5410466.3
L4925.0	0.0	0.0	27761.59961	388.07	0	48.847148	-86.932854	56404.59	56229.8	20.23	56424.82	56439.38281	56486.02474	56485.37500	504926.2	5410466.3
L4925.0	0.0	0.0	27761.69922	388.07	0	48.847168	-86.932854	56405.41	56229.8	20.23	56425.64	56440.05078	56484.95689	56483.64063	504926.3	5410468.5
L4925.0	0.0	0.0	27761.80078	390.73	0	48.847184	-86.932854	56406.28	56229.8	20.23	56426.51	56440.76953	56485.24191	56483.26563	504926.2	5410470.3
L4925.0	0.0	0.0	27761.90039	389.75	0	48.847199	-86.932854	56407.20	56229.8	20.24	56427.44	56441.54688	56487.12253	56484.49219	504926.2	5410472.1
L4925.0	0.0	0.0	27762.00000	388.32	0	48.847199	-86.932854	56408.19	56229.8	20.24	56428.43	56442.38281	56490.60912	56487.32813	504926.2	5410472.1
L4925.0	0.0	0.0	27762.09961	387.59	0	48.847216	-86.932854	56409.27	56229.8	20.24	56429.51	56443.30859	56496.40957	56492.48438	504926.2	5410473.9
L4925.0	0.0	0.0	27762.19922	388.99	0	48.847231	-86.932854	56410.28	56229.8	20.25	56430.53	56444.17188	56501.04761	56496.48438	504926.2	5410475.6
L4925.0	0.0	0.0	27762.30078	388.19	0	48.847231	-86.932854	56411.36	56229.7	20.25	56431.61	56445.09766	56507.32342	56502.12891	504926.2	5410475.6
L4925.0	0.0	0.0	27762.40039	388.62	0	48.847247	-86.932854	56412.43	56229.7	20.26	56432.68	56446.01172	56513.62061	56507.80469	504926.3	5410477.4
L4925.0	0.0	0.0	27762.50000	387.66	0	48.847261	-86.932854	56412.99	56229.7	20.26	56433.25	56446.42578	56508.55961	56502.12891	504926.3	5410478.9
L4925.0	0.0	0.0	27762.59961	388.96	0	48.847261	-86.932854	56413.63	56229.7	20.26	56433.89	56446.91016	56505.40146	56498.36719	504926.3	5410478.9
L4925.0	0.0	0.0	27762.69922	387.75	0	48.847275	-86.932853	56414.42	56229.7	20.27	56434.69	56447.55469	56506.24928	56498.61328	504926.3	5410480.4
L4925.0	0.0	0.0	27762.80078	388.46	0	48.847289	-86.932853	56415.39	56229.7	20.27	56435.66	56448.36719	56511.34659	56503.12109	504926.3	5410482.0
L4925.0	0.0	0.0	27762.90039	386.58	0	48.847300	-86.932853	56416.38	56229.7	20.28	56436.66	56449.21484	56517.45010	56508.64844	504926.3	5410483.3
L4925.0	0.0	0.0	27763.00000	386.13	0	48.847300	-86.932853	56417.25	56229.7	20.28	56437.53	56449.92969	56520.85163	56511.48047	504926.3	5410483.3
L4925.0	0.0	0.0	27763.09961	385.40	0	48.847316	-86.932853	56417.79	56229.7	20.28	56438.07	56450.31641	56516.91319	56506.98828	504926.3	5410485.0
L4925.0	0.0	0.0	27763.19922	383.77	0	48.847329	-86.932854	56418.43	56229.7	20.28	56438.71	56450.80078	56515.64164	56505.16797	504926.3	5410486.5
L4925.0	0.0	0.0	27763.30078	384.45	0	48.847329	-86.932854	56419.24	56229.7	20.28	56439.52	56451.46094	56518.67537	56507.66797	504926.3	5410486.5
L4925.0	0.0	0.0	27763.40039	382.05	0	48.847349	-86.932854	56420.26	56229.7	20.28	56440.54	56452.32813	56526.95539	56515.42188	504926.2	5410488.7
L4925.0	0.0	0.0	27763.50000	383.26	0	48.847364	-86.932854	56420.68	56229.7	20.28	56440.96	56452.59766	56521.66379	56509.62109	504926.2	5410490.4
L4925.0	0.0	0.0	27763.59961	384.03	0	48.847378	-86.932854	56421.72	56229.7	20.28	56442.00	56453.48828	56531.17153	56518.63281	504926.2	5410491.9
L4925.0	0.0	0.0	27763.69922	384.03	0	48.847390	-86.932855	56422.36	56229.7	20.28	56442.64	56453.98047	56531.77900	56518.75781	504926.2	5410493.2
L4925.0	0.0	0.0	27763.80078	384.91	0	48.847390	-86.932855	56422.69	56229.7	20.28	56442.97	56454.16797	56525.58934	56512.09766	504926.2	5410493.2
L4925.0	0.0	0.0	27763.90039	387.81	0	48.847408	-86.932855	56423.25	56229.7	20.28	56443.53	56454.58203	56525.16624	56511.21875	504926.1	5410495.2

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4925.0	0.0	0.0	27764.00000	388.47	0	48.847418	-86.932855	56424.20	56229.7	20.28	56444.47	56455.37891	56534.00741	56519.61719	504926.1	5410496.4
L4925.0	0.0	0.0	27764.09961	388.24	0	48.847418	-86.932855	56424.55	56229.7	20.28	56444.83	56455.59766	56529.80770	56514.99219	504926.1	5410496.4
L4925.0	0.0	0.0	27764.19922	389.64	0	48.847432	-86.932856	56424.86	56229.7	20.28	56445.13	56455.75781	56524.66555	56509.43750	504926.1	5410498.0
L4925.0	0.0	0.0	27764.30078	389.18	0	48.847446	-86.932856	56425.42	56229.7	20.27	56445.69	56456.18359	56526.03016	56510.40625	504926.1	5410499.5
L4925.0	0.0	0.0	27764.40039	391.41	0	48.847446	-86.932856	56425.68	56229.7	20.27	56445.95	56456.30859	56520.89428	56504.89063	504926.1	5410499.5
L4925.0	0.0	0.0	27764.50000	391.51	0	48.847464	-86.932857	56426.29	56229.7	20.27	56446.56	56456.78516	56524.37789	56508.01172	504926.0	5410501.5
L4925.0	0.0	0.0	27764.59961	390.31	0	48.847478	-86.932857	56426.90	56229.7	20.27	56447.17	56457.26563	56528.35505	56511.64063	504926.0	5410503.0
L4925.0	0.0	0.0	27764.69922	390.60	0	48.847491	-86.932857	56427.48	56229.7	20.27	56447.75	56457.71484	56532.13824	56515.09375	504926.0	5410504.5
L4925.0	0.0	0.0	27764.80078	389.82	0	48.847491	-86.932857	56428.00	56229.7	20.26	56448.26	56458.10156	56534.80733	56517.44922	504926.0	5410504.5
L4925.0	0.0	0.0	27764.90039	388.07	0	48.847507	-86.932858	56428.66	56229.7	20.26	56448.92	56458.63672	56541.48582	56523.83203	504925.9	5410506.3
L4925.0	0.0	0.0	27765.00000	388.47	0	48.847527	-86.932858	56428.84	56229.7	20.26	56449.10	56458.69922	56537.53811	56519.60547	504925.9	5410508.5
L4925.0	0.0	0.0	27765.09961	388.52	0	48.847539	-86.932858	56429.04	56229.7	20.26	56449.30	56458.78125	56534.59604	56516.40625	504925.9	5410509.8
L4925.0	0.0	0.0	27765.19922	388.28	0	48.847539	-86.932858	56429.56	56229.7	20.26	56449.82	56459.18750	56539.64205	56521.20703	504925.9	5410509.8
L4925.0	0.0	0.0	27765.30078	388.87	0	48.847555	-86.932858	56429.91	56229.7	20.26	56450.17	56459.42578	56541.29411	56522.63672	504925.9	5410511.5
L4925.0	0.0	0.0	27765.40039	389.05	0	48.847568	-86.932858	56430.45	56229.7	20.26	56450.71	56459.85547	56547.92882	56529.06641	504925.9	5410513.1
L4925.0	0.0	0.0	27765.50000	387.74	0	48.847584	-86.932858	56430.42	56229.7	20.26	56450.68	56459.72266	56541.88719	56522.83594	504925.9	5410514.8
L4925.0	0.0	0.0	27765.59961	386.97	0	48.847584	-86.932858	56430.91	56229.7	20.26	56451.17	56460.10938	56548.51454	56529.29688	504925.9	5410514.8
L4925.0	0.0	0.0	27765.59961	386.97	0	48.847600	-86.932858	56431.06	56229.7	20.26	56451.32	56460.16016	56547.82664	56528.46094	504925.9	5410516.6
L4925.0	0.0	0.0	27765.80078	385.48	0	48.847600	-86.932858	56431.52	56229.7	20.26	56451.78	56460.52734	56554.93994	56535.44141	504925.9	5410516.6
L4925.0	0.0	0.0	27765.90039	385.43	0	48.847616	-86.932858	56431.80	56229.7	20.26	56452.06	56460.71484	56558.47038	56538.86328	504925.9	5410518.3
L4925.0	0.0	0.0	27766.00000	384.90	0	48.847627	-86.932858	56432.08	56229.7	20.26	56452.34	56460.90625	56562.60813	56542.91016	504925.9	5410519.6
L4925.0	0.0	0.0	27766.09961	386.00	0	48.847640	-86.932858	56432.23	56229.7	20.26	56452.49	56460.97266	56564.33675	56544.56641	504925.9	5410521.1
L4925.0	0.0	0.0	27766.19922	387.65	0	48.847640	-86.932858	56432.34	56229.7	20.26	56452.60	56461.00000	56565.75345	56545.92969	504925.9	5410521.1
L4925.0	0.0	0.0	27766.30078	389.76	0	48.847659	-86.932857	56432.18	56229.7	20.26	56452.45	56460.77344	56561.74878	56541.89063	504925.9	5410523.2
L4925.0	0.0	0.0	27766.40039	388.89	0	48.847674	-86.932857	56432.31	56229.7	20.26	56452.57	56460.82031	56564.64714	56544.77344	504926.0	5410524.8
L4925.0	0.0	0.0	27766.50000	386.64	0	48.847674	-86.932857	56432.28	56229.7	20.26	56452.55	56460.72656	56564.92145	56545.05469	504926.0	5410524.8
L4925.0	0.0	0.0	27766.59961	386.20	0	48.847685	-86.932857	56432.44	56229.7	20.27	56452.70	56460.81250	56569.78105	56549.94141	504926.0	5410526.1
L4925.0	0.0	0.0	27766.69922	388.28	0	48.847685	-86.932857	56432.34	56229.7	20.27	56452.60	56460.64844	56569.46536	56549.66797	504926.0	5410526.1
L4925.0	0.0	0.0	27766.80078	389.30	0	48.847703	-86.932857	56432.46	56229.7	20.27	56452.73	56460.72266	56575.13448	56555.40234	504926.0	5410528.1
L4925.0	0.0	0.0	27766.90039	387.50	0	48.847718	-86.932857	56432.23	56229.7	20.27	56452.50	56460.43750	56573.07496	56553.42578	504926.0	5410529.8
L4925.0	0.0	0.0	27767.00000	389.37	0	48.847732	-86.932856	56432.23	56229.7	20.27	56452.50	56460.38672	56577.00280	56557.45703	504926.0	5410531.3
L4925.0	0.0	0.0	27767.09961	389.83	0	48.847743	-86.932856	56432.00	56229.7	20.27	56452.27	56460.10938	56576.22540	56556.80078	504926.0	5410532.5
L4925.0	0.0	0.0	27767.19922	389.21	0	48.847743	-86.932856	56431.75	56229.7	20.26	56452.01	56459.80469	56575.39174	56556.10547	504926.0	5410532.5
L4925.0	0.0	0.0	27767.30078	376.73	0	48.847758	-86.932856	56431.34	56229.7	20.26	56451.60	56459.35547	56571.71157	56552.58594	504926.0	5410534.2
L4925.0	0.0	0.0	27767.40039	375.81	0	48.847774	-86.932856	56431.04	56229.7	20.26	56451.29	56459.01172	56570.99498	56552.04688	504926.0	5410535.9
L4925.0	0.0	0.0	27767.50000	387.31	0	48.847774	-86.932856	56430.78	56229.7	20.25	56451.03	56458.72266	56572.07767	56553.32813	504926.0	5410535.9
L4925.0	0.0	0.0	27767.59961	386.40	0	48.847789	-86.932856	56430.42	56229.7	20.25	56450.67	56458.33594	56571.47016	56552.93359	504926.1	5410537.6
L4925.0	0.0	0.0	27767.69922	386.40	0	48.847803	-86.932856	56429.96	56229.8	20.25	56450.21	56457.85156	56569.16919	56550.86719	504926.1	5410539.1
L4925.0	0.0	0.0	27767.80078	384.04	0	48.847820	-86.932856	56429.71	56229.8	20.25	56449.95	56457.57422	56572.14457	56554.09375	504926.1	5410541.1
L4925.0	0.0	0.0	27767.90039	384.89	0	48.847820	-86.932856	56429.17	56229.8	20.24	56449.41	56457.01953	56569.23377	56551.44922	504926.1	5410541.1
L4925.0	0.0	0.0	27768.00000	370.57	0	48.847840	-86.932855	56428.94	56229.8	20.24	56449.18	56456.77734	56574.14654	56556.65234	504926.1	5410543.2
L4925.0	0.0	0.0	27768.09961	371.56	0	48.847854	-86.932855	56428.05	56229.8	20.24	56448.28	56455.87109	56564.09615	56546.90625	504926.1	5410544.8
L4925.0	0.0	0.0	27768.19922	386.54	0	48.847854	-86.932855	56427.77	56229.8	20.24	56448.00	56455.58984	56569.06304	56552.19141	504926.1	5410544.8
L4925.0	0.0	0.0	27768.30078	384.98	0	48.847870	-86.932855	56427.00	56229.8	20.23	56447.24	56454.83203	56563.46962	56546.93359	504926.1	5410546.6
L4925.0	0.0	0.0	27768.40039	385.40	0	48.847883	-86.932855	56426.62	56229.8	20.23	56446.85	56454.44531	56567.06686	56550.88672	504926.1	5410548.1
L4925.0	0.0	0.0	27768.50000	385.79	0	48.847883	-86.932855	56425.93	56229.8	20.23	56446.16	56453.76563	56564.27149	56548.46094	504926.1	5410548.1
L4925.0	0.0	0.0	27768.59961	386.50	0	48.847898	-86.932855	56425.42	56229.8	20.23	56445.65	56453.26953	56566.23217	56550.80859	504926.1	5410549.8
L4925.0	0.0	0.0	27768.69922	386.39	0	48.847912	-86.932855	56424.75	56229.8	20.23	56444.98	56452.61719	56565.03537	56550.01172	504926.1	5410551.3
L4925.0	0.0	0.0	27768.80078	386.21	0	48.847912	-86.932855	56424.02	56229.8	20.22	56444.24	56451.89844	56562.76256	56548.15234	504926.1	5410551.3
L4925.0	0.0	0.0	27768.90039	387.29	0	48.847930	-86.932855	56423.36	56229.8	20.22	56443.58	56451.26172	56562.88929	56548.71094	504926.1	5410553.3
L4925.0	0.0	0.0	27769.00000	387.08	0	48.847944	-86.932855	56422.23	56229.8	20.22	56442.45	56450.16016	56552.61840	56538.88672	504926.1	5410554.8
L4925.0	0.0	0.0	27769.09961	386.48	0	48.847944	-86.932855	56421.34	56229.8	20.22	56441.56	56449.30469	56548.44173	56535.16797	504926.1	5410554.8
L4925.0	0.0	0.0	27769.19922	385.46	0	48.847960	-86.932855	56420.24	56229.8	20.22	56440.46	56448.24219	56539.88538	56527.08203	504926.1	5410556.6
L4925.0	0.0	0.0	27769.30078	385.83	0	48.847976	-86.932855	56419.37	56229.8	20.23	56439.60	56447.42188	56537.39601	56525.07813	504926.1	5410558.4
L4925.0	0.0	0.0	27769.40039	388.09	0	48.847976	-86.932855	56418.07	56229.8	20.23	56438.29	56446.15234	56524.91946	56513.09766	504926.1	5410558.4
L4925.0	0.0	0.0	27769.50000	375.27	0	48.847992	-86.932855	56417.13	56229.8	20.23	56437.36	56445.27344	56521.73451	56510.42578	504926.1	5410560.1
L4925.0	0.0	0.0	27769.59961	373.72	0	48.848008	-86.932856	56416.08	56229.8	20.23	56436.31	56444.27344	56516.20247	56505.41406	504926.0	5410561.9
L4925.0	0.0	0.0	27769.59961	373.72	0	48.848017	-86.932856	56415.06	56229.8	20.23	56435.29	56443.30859	56511.79381	56501.53516	504926.0	5410563.0
L4925.0	0.0	0.0	27769.69922	387.93	0	48.848017	-86.932856	56414.12	56229.8	20.23	56434.35	56442.42578	56509.65384	56499.93750	504926.0	5410563.0
L4925.0	0.0	0.0	27769.80078	391.25	0	48.848033	-86.932856	56412.86	56229.8	20.24	56433.10	56441.23828	56500.69917	56491.53906	504926.0	5410564.8
L4925.0	0.0	0.0	27770.00000	390.18	0	48.848045	-86.932856	56411.59	56229.8	20.24	56431.83	56440.03125	56491.65300	56483.05469	504926.0	5410566.0
L4925.0	0.0	0.0	27770.00000	390.18	0	48.848045	-86.932856	56410.62	56229.8	20.24	56430.86	56439.12891	56489.93537	56481.91016	504926.0	5410566.0
L4925.0	0.0	0.0	27770.09961	390.81	0	48.848066	-86.932857	56410.11	56229.8	20.24	56430.35	56438.69141	56499.24651	56491.80469	504925.9	5410568.4
L4925.0	0.0	0.0	27770.19922	388.47	0	48.848078	-86.932857	56409.01	56229.8	20.24	56429.25	56437.66406	56495.15880	56488.30469	504925.9	5410569.7
L4925.0	0.0	0.0	27770.40039	384.96	0	48.848095	-86.932858	56407.64	56229.8	20.24	56427.88	56436.37109	56485.09084	56478.83203	504925.9	5410571.6
L4925.0	0.0	0.0	27770.50000	384.82	0	48.848095	-86.932858	56406.38	56229.8	20.25	56426.62	56435.19531	56477.85559	56472.20313	504925.9	5410571.6
L4925.0	0.0	0.0	27770.59961	386.76	0	48.848113	-86.932859	56404.80	56229.8	20.25	56425.04	56433.69531	56463.43650	56458.39844	504925.8	5410573.7
L4925.0	0.0	0.0	27770.69922	387.24	0	48.848113	-86.932859	56403.42	56229.8	20.25	56423.66	56432.40234	56453.90016	56449.48047	504925.8	5410573.7
L4925.0	0.0	0.0	27770.80078	386.49	0	48.848133	-86.932859	56402.78	56229.8	20.25	56423.03	56431.86328	56462.01017	56458.21094	504925.8	5410575.9
L4925.0	0.0	0.0	27770.90039	386.42	0	48.848146	-86.932860	56401.64	56229.8	20.25	56421.89	56430.81641	56458.45497	56455.28906	504925.7	5410577.2
L4925.0	0.0	0.0	27771.00000	385.45	0	48.848160	-86.932860	56400.64	56229.8	20.25	56420.89	56429.91016	56458.32216	56455.78906	504925.7	5410578.8
L4925.0	0.0	0.0	27771.09961	387.16	0	48.848160	-86.932860	56399.00	56229.8	20.25	56419.25	56428.36719	56443.45762	56441.56641	504925.7	5410578.8
L4925.0	0.0	0.0	27771.19922	389.84	0	48.848176	-86.932861	56398.06	56229.8	20.25	56418.31	56427.52734	56444.98803	56443.73828	504925.7	5410580.6
L4925.0	0.0	0.0	27771.30078	391.13	0	48.848176	-86.932861	56396.71	56229.8	20.25	56416.95	56426.26953	56436.85534	56436.25000	504925.7	5410580.6
L4925.0	0.0	0.0	27771.40039	391.16	0	48.848196	-86.932861	56395.64	56229.8	20.25	56415.89	56425.31250	56435.77351	56435.82031	504925.6	5410582.8
L4925.0	0.0	0.0	27771.50000	371.25	0	48.848208	-86.932861	56394.44	56229.8	20.24	56414.68	56424.21094	56431.25887	56431.96094	504925.6	5410584.2
L4925.0	0.0	0.0	27771.59961	373.17	0	48.848221	-86.932861	56392.83	56229.8	20.24	56413.07	56422.71094	56417.47682	56418.83203	504925.6	5410585.7
L4925.0	0.0	0.0	27771.69922	387.70	0	48.848221	-86.932861	56392.12	56229.8	20.24	56412.36	56422.10938	56424.62365	56426.63672	504925.6	5410585.7
L4925.0	0.0	0.0	27771.80078	388.98	0	48.848237	-86.932861	56390.74	56229.8	20.24	56410.98	56420.84375	56416.18028	56418.84766	504925.6	5410587.4
L4925.0	0.0	0.0	27771.90039	387.58	0	48.848251	-86.932861	56389.38	56229.8	20.24	56409.62	56419.59766	56408.16312	56411.48828	504925.6	5410588.9
L4925.0	0.0	0.0	27772.00000	387.59	0	48.848267	-86.932861	56387.98	56229.8	20.24	56408.22	56418.31641	56399.15431	56403.14063	504925.6	5410590.7
L4925.0	0.0	0.0	27772.09961	385.95	0	48.848278	-86.932861	56387.29	56229.8	20.24	56407.53	56417.74609	56406.56516	56411.21094	504925.6	5410591.9
L4925.0	0.0	0.0	27772.19922	386.99	0	48.848278	-86.932861	56385.64	56229.8	20.24	56405.88	56416.21484	56391.55237	56396.85547	504925.6	5410591.9
L4925.0	0.0	0.0	27772.30078	386.60	0	48.848289	-86.932860	56384.59	56229.8	20.24	56404.83	56415.28906	56390.35666	56396.31641	504925.6	5410593.2
L4925.0	0.0	0.0	27772.40039	387.58	0	48.848304	-86.932860	56383.67	56229.8	20.24	56403.91	56414.49219	56392.03004	56398.64844	504925.7	5410594.9
L4925.0	0.0	0.0	27772.50000	386.84	0	48.848304	-86.932860	56382.34	56229.8	20.24	56402.58	56413.28906	56383.99760	56391.26953	504925.7	5410594.9
L4925.0	0.0	0.0	27772.59961	388.90	0	48.848317	-86.932860	56381.47	56229.8	20.24	56401.71	56412.54297	56386.46122	56394.38672	504925.7	5410596.3
L4925.0	0.0	0.0	27772.69922	389.12	0	48.848331	-86.932859	56380.35	56229.8	20.24	56400.59	56411.55469	56382.89483	56391.47266	504925.7	5410597.8
L4925.0	0.0	0.0	27772.80078	388.54	0	48.848342	-86.932859	56379.66	56229.8	20.24	56399.90	56410.99219	56389.08431	56398.30859	504925.8	5410599.1
L4925.0	0.0	0.0	27772.90039	387.54	0	48.848352	-86.932858	56378.11	56229.8	20.24	56398.35	56409.57422	56375.02181	56384.88672	504925.8	5410600.2
L4925.0	0.0	0.0	27773.00000	385.61	0	48.848363	-86.932858	56377.08	56229.8	20.24	56397.32	56408.67578	56372.76608	56383.27344	504925.8	5410601.4
L4925.0	0.0	0.0	27773.09961	387.96	0	48.848363	-86.932858	56376.02	56229.8	20.24	56396.25	56407.73828	56369.27960	56380.42578	504925.8	5410601.4
L4925.0	0.0	0.0	27773.19922	386.36	0	48.848376	-86.932858	56374.89	56229.8	20.23	56395.12	56406.74219	56364.07801	56375.85547	504925.9	5410602.9

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4925.0	0.0	0.0	27773.30078	386.65	0	48.848391	-86.932857	56374.00	56229.8	20.23	56394.22	56405.97656	56363.88372	56376.28906	504925.9	5410604.5
L4925.0	0.0	0.0	27773.40039	386.62	0	48.848408	-86.932857	56372.87	56229.8	20.22	56393.09	56404.98047	56357.98535	56371.01563	504925.9	5410606.4
L4925.0	0.0	0.0	27773.50000	387.92	0	48.848408	-86.932857	56371.98	56229.8	20.22	56392.20	56404.22656	56357.29071	56370.93750	504925.9	5410606.4
L4925.0	0.0	0.0	27773.59961	392.27	0	48.848421	-86.932857	56371.11	56229.8	20.22	56391.32	56403.48438	56356.43617	56370.69531	504925.9	5410607.8
L4925.0	0.0	0.0	27773.69922	392.27	0	48.848436	-86.932856	56370.22	56229.8	20.21	56390.43	56402.73047	56354.94038	56369.80859	504925.9	5410609.5
L4925.0	0.0	0.0	27773.80078	390.08	0	48.848436	-86.932856	56369.38	56229.8	20.21	56389.58	56402.01953	56353.94988	56369.41797	504925.9	5410609.5
L4925.0	0.0	0.0	27773.90039	390.72	0	48.848450	-86.932856	56368.58	56229.8	20.20	56388.79	56401.36719	56353.91453	56369.97656	504926.0	5410611.1
L4925.0	0.0	0.0	27774.00000	391.41	0	48.848450	-86.932856	56367.54	56229.8	20.20	56387.74	56400.45313	56347.38135	56364.03516	504926.0	5410611.1
L4925.0	0.0	0.0	27774.09961	391.09	0	48.848467	-86.932856	56366.77	56229.8	20.20	56386.97	56399.82422	56346.88950	56364.12500	504926.0	5410613.0
L4925.0	0.0	0.0	27774.19922	390.22	0	48.848479	-86.932856	56365.96	56229.8	20.20	56386.16	56399.15234	56344.98751	56362.79688	504926.0	5410614.4
L4925.0	0.0	0.0	27774.30078	388.18	0	48.848496	-86.932856	56365.19	56229.8	20.21	56385.40	56398.53125	56343.75550	56362.13281	504926.0	5410616.2
L4925.0	0.0	0.0	27774.40039	386.37	0	48.848496	-86.932856	56364.22	56229.8	20.21	56384.43	56397.69922	56337.13834	56356.07422	504926.0	5410616.2
L4925.0	0.0	0.0	27774.50000	385.47	0	48.848508	-86.932856	56363.33	56229.8	20.21	56383.54	56396.94922	56331.86693	56351.35938	504926.0	5410617.5
L4925.0	0.0	0.0	27774.59961	384.32	0	48.848520	-86.932856	56362.61	56229.8	20.21	56382.82	56396.37109	56330.02381	56350.05859	504926.0	5410618.9
L4925.0	0.0	0.0	27774.69922	384.89	0	48.848520	-86.932856	56361.75	56229.8	20.21	56381.96	56395.64844	56324.39409	56344.96875	504926.0	5410618.9
L4925.0	0.0	0.0	27774.80078	385.14	0	48.848537	-86.932856	56361.00	56229.8	20.22	56381.22	56395.04688	56321.01379	56342.11719	504926.0	5410620.7
L4925.0	0.0	0.0	27774.90039	383.91	0	48.848552	-86.932856	56360.29	56229.8	20.22	56380.51	56394.47656	56317.78379	56339.41016	504926.0	5410622.4
L4925.0	0.0	0.0	27775.00000	384.92	0	48.848563	-86.932856	56359.70	56229.8	20.22	56379.92	56394.02734	56316.79006	56338.92969	504926.0	5410623.6
L4925.0	0.0	0.0	27775.09961	388.18	0	48.848563	-86.932856	56359.04	56229.8	20.22	56379.26	56393.50391	56313.61063	56336.25391	504926.0	5410623.6
L4925.0	0.0	0.0	27775.19922	388.25	0	48.848577	-86.932856	56358.68	56229.8	20.22	56378.90	56393.28125	56316.84203	56339.98438	504926.0	5410625.2
L4925.0	0.0	0.0	27775.30078	387.68	0	48.848591	-86.932856	56357.86	56229.8	20.21	56378.08	56392.59766	56308.81391	56332.44141	504926.0	5410626.7
L4925.0	0.0	0.0	27775.40039	386.94	0	48.848591	-86.932856	56357.54	56229.8	20.21	56377.75	56392.40625	56311.60710	56335.71484	504926.0	5410626.7
L4925.0	0.0	0.0	27775.50000	389.79	0	48.848604	-86.932856	56357.02	56229.8	20.21	56377.23	56392.02344	56309.41263	56333.99219	504926.0	5410628.2
L4925.0	0.0	0.0	27775.59961	390.21	0	48.848616	-86.932856	56356.48	56229.8	20.21	56376.69	56391.61719	56306.18131	56331.22656	504926.0	5410629.5
L4925.0	0.0	0.0	27775.59961	390.21	0	48.848616	-86.932856	56356.26	56229.8	20.21	56376.47	56391.53516	56309.81659	56335.31250	504926.0	5410629.5
L4925.0	0.0	0.0	27775.80078	389.39	0	48.848630	-86.932856	56355.64	56229.8	20.20	56375.85	56391.04688	56303.58220	56329.52344	504926.0	5410631.0
L4925.0	0.0	0.0	27775.90039	389.56	0	48.848642	-86.932856	56355.44	56229.8	20.20	56375.64	56390.97266	56306.30874	56332.68750	504926.0	5410632.4
L4925.0	0.0	0.0	27776.00000	389.77	0	48.848642	-86.932856	56354.98	56229.8	20.20	56375.18	56390.64453	56302.65633	56329.46484	504926.0	5410632.4
L4925.0	0.0	0.0	27776.09961	389.81	0	48.848651	-86.932855	56354.83	56229.8	20.20	56375.03	56390.62891	56305.64570	56332.87109	504926.0	5410633.4
L4925.0	0.0	0.0	27776.19922	388.64	0	48.848663	-86.932855	56354.50	56229.8	20.19	56374.69	56390.42188	56303.65785	56331.29297	504926.0	5410634.8
L4925.0	0.0	0.0	27776.30078	386.93	0	48.848674	-86.932855	56354.29	56229.8	20.19	56374.48	56390.33984	56304.13605	56332.17188	504926.0	5410636.0
L4925.0	0.0	0.0	27776.40039	385.77	0	48.848674	-86.932855	56353.94	56229.8	20.19	56374.13	56390.12109	56300.80931	56329.23828	504926.0	5410636.0
L4925.0	0.0	0.0	27776.50000	386.37	0	48.848688	-86.932855	56353.86	56229.8	20.18	56374.04	56390.16016	56302.98198	56331.79688	504926.0	5410637.5
L4925.0	0.0	0.0	27776.59961	386.07	0	48.848698	-86.932855	56353.73	56229.8	20.18	56373.92	56390.16797	56303.91953	56333.10938	504926.0	5410638.7
L4925.0	0.0	0.0	27776.69922	385.60	0	48.848698	-86.932855	56353.48	56229.8	20.18	56373.66	56390.03516	56301.07233	56330.62891	504926.0	5410638.7
L4925.0	0.0	0.0	27776.80078	387.00	0	48.848712	-86.932855	56353.45	56229.8	20.18	56373.63	56390.13281	56303.04933	56332.96094	504926.0	5410640.2
L4925.0	0.0	0.0	27776.90039	387.76	0	48.848722	-86.932855	56353.07	56229.8	20.17	56373.24	56389.86719	56296.14413	56326.40625	504926.0	5410641.3
L4925.0	0.0	0.0	27777.00000	388.65	0	48.848722	-86.932855	56353.27	56229.8	20.17	56373.44	56390.19141	56302.44942	56333.05469	504926.0	5410641.3
L4925.0	0.0	0.0	27777.09961	386.64	0	48.848736	-86.932855	56353.07	56229.8	20.17	56373.24	56390.11328	56298.96160	56329.89844	504926.0	5410642.8
L4925.0	0.0	0.0	27777.19922	387.07	0	48.848744	-86.932855	56353.20	56229.8	20.17	56373.37	56390.36719	56302.66031	56333.92188	504926.0	5410643.8
L4925.0	0.0	0.0	27777.30078	387.31	0	48.848755	-86.932855	56353.14	56229.8	20.17	56373.32	56390.43750	56301.70094	56333.27734	504926.0	5410645.0
L4925.0	0.0	0.0	27777.40039	387.72	0	48.848755	-86.932855	56353.48	56229.8	20.17	56373.65	56390.88672	56309.11224	56340.99609	504926.0	5410645.0
L4925.0	0.0	0.0	27777.50000	388.56	0	48.848766	-86.932855	56353.68	56229.8	20.17	56373.86	56391.21875	56313.28291	56345.46875	504926.0	5410646.3
L4925.0	0.0	0.0	27777.59961	385.19	0	48.848766	-86.932855	56353.55	56229.8	20.18	56373.73	56391.20703	56309.11080	56341.58984	504926.0	5410646.3
L4925.0	0.0	0.0	27777.69922	385.19	0	48.848778	-86.932854	56353.94	56229.8	20.18	56374.11	56391.70313	56316.36708	56349.12891	504926.0	5410647.5
L4925.0	0.0	0.0	27777.80078	387.33	0	48.848789	-86.932854	56354.17	56229.8	20.18	56374.35	56392.05859	56319.95460	56352.99609	504926.1	5410648.7
L4925.0	0.0	0.0	27777.90039	388.98	0	48.848798	-86.932854	56354.60	56229.8	20.18	56374.78	56392.60156	56327.55731	56360.86719	504926.1	5410649.8
L4925.0	0.0	0.0	27778.00000	388.76	0	48.848798	-86.932854	56354.24	56229.8	20.18	56374.42	56392.35547	56316.40744	56349.98047	504926.1	5410649.8
L4925.0	0.0	0.0	27778.09961	387.73	0	48.848805	-86.932854	56354.86	56229.8	20.18	56375.03	56393.07813	56327.43083	56361.25781	504926.1	5410650.6
L4925.0	0.0	0.0	27778.19922	388.35	0	48.848818	-86.932854	56354.83	56229.8	20.18	56375.01	56393.16797	56323.44772	56357.52344	504926.1	5410652.0
L4925.0	0.0	0.0	27778.30078	388.22	0	48.848818	-86.932854	56355.37	56229.8	20.18	56375.54	56393.80859	56331.90170	56366.21484	504926.1	5410652.0
L4925.0	0.0	0.0	27778.40039	388.80	0	48.848829	-86.932853	56355.21	56229.8	20.18	56375.39	56393.76563	56324.21418	56358.76172	504926.1	5410653.2
L4925.0	0.0	0.0	27778.50000	386.62	0	48.848829	-86.932853	56355.83	56229.8	20.17	56376.00	56394.48438	56333.87281	56368.64844	504926.1	5410653.2
L4925.0	0.0	0.0	27778.59961	374.05	0	48.848841	-86.932853	56356.28	56229.8	20.17	56376.45	56395.03906	56339.50528	56374.50391	504926.1	5410654.5
L4925.0	0.0	0.0	27778.69922	377.54	0	48.848848	-86.932853	56356.31	56229.8	20.17	56376.49	56395.18359	56335.31397	56370.52344	504926.2	5410655.3
L4925.0	0.0	0.0	27778.80078	389.08	0	48.848857	-86.932853	56357.10	56229.8	20.17	56377.27	56396.06641	56348.04525	56383.46484	504926.2	5410656.3
L4925.0	0.0	0.0	27778.90039	389.51	0	48.848857	-86.932853	56356.85	56229.8	20.17	56377.02	56395.92188	56336.56785	56372.18750	504926.2	5410656.3
L4925.0	0.0	0.0	27779.00000	389.68	0	48.848865	-86.932852	56357.51	56229.8	20.17	56377.68	56396.67969	56345.99218	56381.80859	504926.2	5410657.2
L4925.0	0.0	0.0	27779.09961	392.03	0	48.848875	-86.932852	56357.69	56229.8	20.17	56377.85	56396.95313	56343.78767	56379.79688	504926.2	5410658.3
L4925.0	0.0	0.0	27779.19922	390.11	0	48.848881	-86.932852	56358.30	56229.8	20.16	56378.46	56397.66016	56351.58626	56387.77734	504926.2	5410659.0
L4925.0	0.0	0.0	27779.30078	388.77	0	48.848881	-86.932852	56358.68	56229.8	20.15	56378.84	56398.14063	56353.82649	56390.19922	504926.2	5410659.0
L4925.0	0.0	0.0	27779.40039	387.48	0	48.848889	-86.932852	56359.09	56229.8	20.15	56379.24	56398.63672	56356.33282	56392.87891	504926.2	5410659.9
L4925.0	0.0	0.0	27779.50000	389.65	0	48.848898	-86.932851	56359.78	56229.9	20.15	56379.92	56399.41016	56365.16195	56401.87500	504926.3	5410660.9
L4925.0	0.0	0.0	27779.59961	389.57	0	48.848898	-86.932851	56359.78	56229.9	20.14	56379.92	56399.50391	56358.01051	56394.88672	504926.3	5410660.9
L4925.0	0.0	0.0	27779.69922	389.57	0	48.848905	-86.932851	56360.54	56229.9	20.14	56380.68	56400.35938	56368.36473	56405.40234	504926.3	5410661.6
L4925.0	0.0	0.0	27779.80078	386.06	0	48.848913	-86.932851	56360.60	56229.9	20.13	56380.73	56400.50000	56362.06536	56399.25781	504926.3	5410662.5
L4925.0	0.0	0.0	27779.90039	388.76	0	48.848913	-86.932851	56361.52	56229.9	20.13	56381.64	56401.50391	56375.62001	56412.96094	504926.3	5410662.5
L4925.0	0.0	0.0	27780.00000	390.08	0	48.848920	-86.932851	56361.64	56229.9	20.12	56381.76	56401.71484	56370.68463	56408.17188	504926.3	5410663.4
L4925.0	0.0	0.0	27780.09961	390.05	0	48.848926	-86.932851	56362.28	56229.9	20.12	56382.40	56402.44141	56377.72229	56415.34766	504926.3	5410664.0
L4925.0	0.0	0.0	27780.19922	389.15	0	48.848934	-86.932850	56362.69	56229.9	20.12	56382.81	56402.94141	56379.30947	56417.07422	504926.3	5410664.8
L4925.0	0.0	0.0	27780.30078	388.00	0	48.848934	-86.932850	56363.07	56229.9	20.12	56383.19	56403.40625	56380.10580	56418.00391	504926.3	5410664.8
L4925.0	0.0	0.0	27780.40039	387.11	0	48.848947	-86.932850	56363.68	56229.9	20.12	56383.80	56404.10547	56386.16530	56424.19141	504926.4	5410666.4
L4925.0	0.0	0.0	27780.50000	385.84	0	48.848947	-86.932850	56364.04	56229.9	20.12	56384.16	56404.55078	56386.33975	56424.49219	504926.4	5410666.4
L4925.0	0.0	0.0	27780.59961	387.11	0	48.848953	-86.932849	56364.45	56229.9	20.12	56384.57	56405.04297	56387.61229	56425.88672	504926.4	5410667.0
L4925.0	0.0	0.0	27780.69922	386.15	0	48.848959	-86.932849	56364.89	56229.9	20.12	56385.01	56405.56641	56389.52706	56427.92188	504926.4	5410667.7
L4925.0	0.0	0.0	27780.80078	388.13	0	48.848959	-86.932849	56365.96	56229.9	20.12	56386.08	56406.71875	56406.04019	56444.55078	504926.4	5410667.7
L4925.0	0.0	0.0	27780.90039	389.77	0	48.848967	-86.932849	56366.06	56229.9	20.12	56386.18	56406.90234	56399.96677	56438.58984	504926.4	5410668.5
L4925.0	0.0	0.0	27781.00000	390.22	0	48.848967	-86.932849	56366.70	56229.9	20.12	56386.82	56407.62109	56406.41586	56445.14844	504926.4	5410668.5
L4925.0	0.0	0.0	27781.09961	388.41	0	48.848972	-86.932848	56367.14	56229.9	20.12	56387.26	56408.14063	56408.19319	56447.03516	504926.5	5410669.1
L4925.0	0.0	0.0	27781.19922	389.97	0	48.848977	-86.932848	56367.38	56229.9	20.12	56387.50	56408.46094	56405.30599	56444.25391	504926.5	5410669.7
L4925.0	0.0	0.0	27781.30078	389.50	0	48.848983	-86.932848	56367.92	56229.9	20.12	56388.04	56409.07813	56409.38403	56448.43359	504926.5	5410670.3
L4925.0	0.0	0.0	27781.40039	387.33	0	48.848983	-86.932848	56368.36	56229.9	20.12	56388.47	56409.58594	56410.90309	56450.05078	504926.5	5410670.3
L4925.0	0.0	0.0	27781.50000	387.50	0	48.848990	-86.932847	56368.76	56229.9	20.12	56388.88	56410.07422	56411.96150	56451.20703	504926.5	5410671.2
L4925.0	0.0	0.0	27781.59961	392.04	0	48.848994	-86.932847	56369.09	56229.9	20.11	56389.21	56410.48047	56411.17039	56450.51172	504926.6	5410671.6
L4925.0	0.0	0.0	27781.69922	392.04	0	48.848994	-86.932847	56369.81	56229.9	20.11	56389.92	56411.26563	56419.22840	56458.66406	504926.6	5410671.6
L4925.0	0.0	0.0	27781.80078	390.14	0	48.849001	-86.932847	56370.14	56229.9	20.11	56390.26	56411.67969	56418.70646	56458.23438	504926.6	5410672.3
L4925.0	0.0	0.0	27781.90039	389.20	0	48.849006	-86.932847	56370.61	56229.9	20.11	56390.72	56412.21484	56420.99997	56460.62109	504926.6	5410672.8
L4925.0	0.0	0.0	27782.00000	387.92	0	48.849006	-86.932847	56371.06	56229.9	20.11	56391.17	56412.73828	56423.09170	56462.80078	504926.6	5410672.8
L4925.0	0.0	0.0	27782.09961	387.61	0	48.849010	-86.932847	56371.65	56229.9	20.11	56391.76	56413.40234	56428.47295	56468.26953	504926.6	5410673.3
L4925.0	0.0	0.0	27782.19922	388.47	0	48.849014	-86.932846	56371.78	56229.9	20.10	56391.88	56413.59375	56422.96799	56462.84766	504926.6	5410673.8
L4925.0	0.0	0.0	27782.30078	388.32	0	48.849014	-86.932846	56371.98	56229.9	20.10	56392.08	56413.86719	56419.36598	56459.33203	504926.6	5410673.8
L4925.0	0.0	0.0	27782.40039	388.22	0	48.849019	-86.932846	56372.46	56229.9	20.10	56392.56	56414.41797	56422.31981	56462.36719	504926.6	5410674.3
L4925.0	0.0	0.0	27782.50000	390.17	0	48.849022	-86.932846	56372.52	56229.9	20.10	56392.61	56414.53906	56415.32855	56455.46094	504926.6	5410674.6

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4925.0	0.0	0.0	27782.59961	390.41	0	48.849022	-86.932846	56373.00	56229.9	20.09	56393.10	56415.09766	56418.61939	56458.83203	504926.6	5410674.6
L4925.0	0.0	0.0	27782.69922	389.75	0	48.849025	-86.932846	56373.36	56229.9	20.09	56393.44	56415.50781	56418.48057	56458.77344	504926.6	5410675.1
L4925.0	0.0	0.0	27782.80078	388.68	0	48.849028	-86.932846	56373.69	56229.9	20.09	56393.78	56415.91797	56418.40201	56458.77344	504926.6	5410675.3
L4925.0	0.0	0.0	27782.90039	389.55	0	48.849032	-86.932846	56374.18	56229.9	20.08	56394.26	56416.46875	56421.64107	56462.08984	504926.7	5410675.7
L4925.0	0.0	0.0	27783.00000	390.89	0	48.849032	-86.932846	56374.56	56229.9	20.08	56394.64	56416.91797	56422.62163	56463.14844	504926.7	5410675.7
L4925.0	0.0	0.0	27783.09961	393.62	0	48.849034	-86.932846	56374.89	56229.9	20.08	56394.96	56417.30469	56422.27625	56462.87891	504926.7	5410676.0
L4925.0	0.0	0.0	27783.19922	394.25	0	48.849037	-86.932846	56375.22	56229.9	20.07	56395.30	56417.71484	56422.46730	56463.14844	504926.7	5410676.3
L4925.0	0.0	0.0	27783.30078	392.73	0	48.849039	-86.932846	56375.20	56229.9	20.07	56395.27	56417.75391	56414.13154	56454.88672	504926.7	5410676.6
L4925.0	0.0	0.0	27783.40039	393.14	0	48.849039	-86.932846	56375.20	56229.9	20.07	56395.26	56417.81250	56406.33743	56447.16797	504926.7	5410676.6
L4925.0	0.0	0.0	27783.50000	392.16	0	48.849041	-86.932846	56375.63	56229.9	20.07	56395.70	56418.32031	56409.08320	56449.98828	504926.7	5410676.8
L4925.0	0.0	0.0	27783.59961	392.14	0	48.849041	-86.932846	56375.93	56229.9	20.06	56396.00	56418.68750	56408.65644	56449.63672	504926.7	5410676.8
L4925.0	0.0	0.0	27783.69922	392.14	0	48.849044	-86.932845	56376.22	56229.9	20.06	56396.28	56419.03516	56407.84920	56448.90625	504926.7	5410677.1
L4925.0	0.0	0.0	27783.80078	391.00	0	48.849045	-86.932845	56376.24	56229.9	20.06	56396.29	56419.11328	56400.85265	56441.98438	504926.7	5410677.3
L4925.0	0.0	0.0	27783.90039	391.67	0	48.849047	-86.932845	56376.22	56229.9	20.05	56396.27	56419.16016	56393.24841	56434.45313	504926.7	5410677.4
L4925.0	0.0	0.0	27784.00000	387.25	0	48.849047	-86.932845	56376.22	56229.9	20.05	56396.27	56419.22656	56386.20147	56427.48047	504926.7	5410677.4
L4930.0	504928.0	5407646.4	10076.29981	282.70	97.21	48.821780	-86.932864	56173.34	56248.3	1.69	56175.03	56165.19141	56178.27366	56164.78516	504928.0	5407646.4
L4930.0	504928.0	5407646.4	10076.40039	283.74	97.21	48.821780	-86.932864	56172.49	56248.3	1.69	56174.18	56164.34766	56177.91955	56164.48438	504928.0	5407646.4
L4930.0	504928.0	5407646.5	10076.50000	283.01	90.86	48.821781	-86.932864	56172.58	56248.3	1.69	56174.27	56164.44922	56177.72448	56164.33984	504928.0	5407646.5
L4930.0	504928.0	5407646.7	10076.59961	282.45	89.61	48.821783	-86.932864	56172.28	56248.3	1.69	56173.97	56164.15625	56177.45893	56164.12891	504928.0	5407646.7
L4930.0	504928.0	5407646.7	10076.70020	285.82	89.61	48.821783	-86.932864	56172.59	56248.3	1.69	56174.29	56164.48438	56177.33904	56164.05859	504928.0	5407646.7
L4930.0	504928.0	5407647.0	10076.79981	287.10	94.95	48.821785	-86.932863	56172.78	56248.3	1.70	56174.48	56164.68359	56177.20899	56163.98047	504928.0	5407647.0
L4930.0	504928.0	5407647.2	10076.90039	286.71	94.95	48.821787	-86.932863	56172.95	56248.3	1.70	56174.65	56164.86328	56177.09163	56163.91406	504928.0	5407647.2
L4930.0	504928.0	5407647.4	10077.00000	286.85	93.11	48.821789	-86.932863	56173.42	56248.3	1.70	56175.12	56165.34375	56177.07938	56163.95313	504928.0	5407647.4
L4930.0	504928.1	5407647.6	10077.09961	286.09	93.11	48.821791	-86.932863	56172.95	56248.3	1.70	56174.65	56164.88281	56176.79995	56163.72656	504928.1	5407647.6
L4930.0	504928.1	5407647.6	10077.20020	287.48	89.57	48.821791	-86.932863	56172.58	56248.3	1.70	56174.28	56164.52344	56176.54732	56163.52734	504928.1	5407647.6
L4930.0	504928.1	5407647.9	10077.20020	287.48	85.79	48.821794	-86.932863	56172.95	56248.3	1.70	56174.65	56164.90234	56176.54661	56163.57813	504928.1	5407647.9
L4930.0	504928.1	5407648.2	10077.40039	284.73	85.79	48.821797	-86.932863	56173.02	56248.3	1.70	56174.71	56164.96875	56176.45536	56163.53516	504928.1	5407648.2
L4930.0	504928.1	5407648.2	10077.50000	285.33	86.16	48.821797	-86.932863	56173.25	56248.3	1.69	56174.95	56165.21875	56176.43983	56163.57031	504928.1	5407648.2
L4930.0	504928.1	5407648.9	10077.59961	284.48	86.16	48.821802	-86.932862	56173.25	56248.3	1.69	56174.95	56165.23047	56176.34615	56163.53125	504928.1	5407648.9
L4930.0	504928.1	5407648.9	10077.70020	285.85	90.52	48.821802	-86.932862	56173.09	56248.3	1.69	56174.78	56165.07031	56176.19341	56163.42578	504928.1	5407648.9
L4930.0	504928.1	5407649.2	10077.79981	287.77	90.52	48.821805	-86.932862	56173.91	56248.3	1.69	56175.61	56165.91016	56176.43511	56163.71875	504928.1	5407649.2
L4930.0	504928.1	5407649.2	10077.90039	287.50	91.25	48.821805	-86.932862	56173.36	56248.3	1.69	56175.05	56165.35938	56176.13897	56163.47266	504928.1	5407649.2
L4930.0	504928.1	5407649.6	10078.00000	288.14	93.87	48.821809	-86.932862	56172.96	56248.3	1.69	56174.65	56164.96875	56175.90518	56163.29297	504928.1	5407649.6
L4930.0	504928.2	5407650.1	10078.09961	287.76	93.87	48.821813	-86.932862	56173.66	56248.3	1.69	56175.35	56165.67969	56176.11624	56163.55078	504928.2	5407650.1
L4930.0	504928.2	5407650.4	10078.20020	287.26	93.87	48.821816	-86.932862	56173.69	56248.3	1.69	56175.38	56165.71875	56176.06046	56163.54688	504928.2	5407650.4
L4930.0	504928.2	5407650.8	10078.29981	287.51	90.24	48.821820	-86.932862	56173.29	56248.3	1.69	56174.98	56165.32813	56175.83033	56163.36719	504928.2	5407650.8
L4930.0	504928.2	5407650.8	10078.40039	289.23	90.24	48.821820	-86.932862	56172.95	56248.3	1.69	56174.64	56165.00000	56175.62438	56163.21094	504928.2	5407650.8
L4930.0	504928.1	5407651.3	10078.50000	288.83	87.32	48.821824	-86.932862	56172.96	56248.3	1.69	56174.65	56165.01953	56175.56183	56163.19531	504928.1	5407651.3
L4930.0	504928.1	5407651.8	10078.59961	289.45	87.32	48.821829	-86.932862	56172.90	56248.3	1.69	56174.59	56164.97266	56175.47039	56163.15625	504928.1	5407651.8
L4930.0	504928.1	5407651.8	10078.70020	288.26	87.4	48.821829	-86.932862	56172.22	56248.3	1.69	56173.91	56164.30078	56175.12186	56162.85547	504928.1	5407651.8
L4930.0	504928.1	5407652.2	10078.79981	286.15	94.71	48.821832	-86.932862	56172.36	56248.3	1.69	56174.05	56164.45313	56175.11110	56162.89453	504928.1	5407652.2
L4930.0	504928.1	5407652.6	10078.90039	286.45	88.23	48.821836	-86.932863	56173.06	56248.3	1.69	56174.75	56165.16406	56175.33431	56163.16406	504928.1	5407652.6
L4930.0	504928.1	5407653.0	10079.00000	285.56	88.23	48.821840	-86.932863	56172.89	56248.3	1.69	56174.58	56165.00781	56175.19468	56163.07422	504928.1	5407653.0
L4930.0	504928.0	5407653.5	10079.09961	286.54	94.87	48.821844	-86.932863	56173.11	56248.3	1.69	56174.80	56165.23828	56175.21903	56163.14844	504928.0	5407653.5
L4930.0	504928.0	5407653.5	10079.20020	284.97	94.87	48.821844	-86.932863	56173.23	56248.3	1.70	56174.93	56165.37891	56175.20621	56163.17969	504928.0	5407653.5
L4930.0	504928.0	5407654.0	10079.20020	284.97	95.08	48.821848	-86.932864	56172.71	56248.3	1.70	56174.40	56164.86328	56174.91440	56162.93750	504928.0	5407654.0
L4930.0	504928.0	5407654.5	10079.40039	287.16	95.87	48.821853	-86.932864	56172.78	56248.3	1.70	56174.48	56164.95313	56174.78470	56162.85547	504928.0	5407654.5
L4930.0	504928.0	5407655.0	10079.50000	287.14	95.87	48.821858	-86.932864	56172.80	56248.3	1.71	56174.50	56164.98828	56174.67078	56162.78906	504928.0	5407655.0
L4930.0	504927.9	5407655.7	10079.59961	288.07	96.36	48.821863	-86.932865	56172.86	56248.3	1.71	56174.57	56165.07031	56174.53783	56162.70313	504927.9	5407655.7
L4930.0	504927.9	5407656.3	10079.70020	289.21	96.36	48.821869	-86.932865	56172.85	56248.3	1.71	56174.56	56165.07422	56174.42464	56162.63672	504927.9	5407656.3
L4930.0	504927.9	5407656.3	10079.79981	289.76	96.77	48.821869	-86.932865	56172.71	56248.3	1.71	56174.42	56164.94531	56174.34247	56162.59766	504927.9	5407656.3
L4930.0	504927.9	5407656.9	10079.90039	290.11	96.77	48.821875	-86.932865	56172.77	56248.3	1.72	56174.49	56165.02734	56174.19720	56162.50000	504927.9	5407656.9
L4930.0	504927.9	5407657.5	10080.00000	288.40	93.73	48.821880	-86.932866	56172.36	56248.3	1.72	56174.08	56164.63281	56174.17140	56162.51953	504927.9	5407657.5
L4930.0	504927.9	5407658.1	10080.09961	288.46	93.73	48.821885	-86.932866	56172.22	56248.3	1.72	56173.94	56164.50781	56174.06841	56162.46094	504927.9	5407658.1
L4930.0	504927.9	5407658.1	10080.20020	290.09	92.22	48.821885	-86.932866	56172.18	56248.3	1.71	56173.89	56164.46875	56173.94041	56162.37891	504927.9	5407658.1
L4930.0	504927.8	5407658.7	10080.29981	288.80	92.87	48.821891	-86.932866	56172.12	56248.3	1.71	56173.83	56164.42578	56173.81355	56162.29688	504927.8	5407658.7
L4930.0	504927.8	5407659.7	10080.40039	288.54	92.87	48.821900	-86.932867	56171.56	56248.3	1.71	56173.27	56163.87891	56173.78981	56162.31641	504927.8	5407659.7
L4930.0	504927.8	5407659.7	10080.50000	289.01	92.87	48.821900	-86.932867	56171.39	56248.3	1.71	56173.09	56163.71484	56173.68177	56162.25391	504927.8	5407659.7
L4930.0	504927.8	5407660.3	10080.59961	289.00	95.87	48.821905	-86.932867	56172.00	56248.3	1.70	56173.70	56164.33984	56173.42323	56162.03906	504927.8	5407660.3
L4930.0	504927.7	5407661.1	10080.70020	291.15	95.87	48.821912	-86.932867	56171.77	56248.3	1.70	56173.47	56164.12500	56173.32774	56161.98438	504927.7	5407661.1
L4930.0	504927.7	5407661.9	10080.79981	289.31	99.16	48.821919	-86.932868	56171.67	56248.3	1.70	56173.36	56164.03125	56173.20886	56161.91016	504927.7	5407661.9
L4930.0	504927.7	5407661.9	10080.90039	287.83	99.84	48.821919	-86.932868	56171.08	56248.3	1.69	56172.78	56163.46484	56173.16657	56161.91016	504927.7	5407661.9
L4930.0	504927.7	5407662.7	10081.00000	287.12	99.84	48.821926	-86.932868	56170.90	56248.3	1.69	56172.59	56163.28906	56173.05428	56161.83984	504927.7	5407662.7
L4930.0	504927.7	5407663.4	10081.09961	288.15	100.25	48.821933	-86.932868	56171.34	56248.3	1.69	56173.03	56163.74609	56172.84720	56161.67578	504927.7	5407663.4
L4930.0	504927.6	5407664.2	10081.20020	288.23	100.06	48.821940	-86.932869	56171.48	56248.3	1.69	56173.17	56163.90234	56172.69035	56161.55859	504927.6	5407664.2
L4930.0	504927.6	5407664.2	10081.20020	288.23	100.06	48.821940	-86.932869	56170.89	56248.3	1.69	56172.58	56163.32813	56172.62363	56161.53516	504927.6	5407664.2
L4930.0	504927.6	5407664.8	10081.40039	286.43	100.38	48.821945	-86.932869	56171.43	56248.3	1.69	56173.11	56163.87500	56172.42426	56161.37500	504927.6	5407664.8
L4930.0	504927.6	5407665.4	10081.50000	287.72	100.38	48.821951	-86.932869	56171.27	56248.3	1.68	56172.96	56163.74219	56172.30041	56161.29297	504927.6	5407665.4
L4930.0	504927.5	5407666.3	10081.59961	288.18	100.71	48.821959	-86.932870	56170.96	56248.3	1.68	56172.64	56163.44141	56172.18217	56161.21484	504927.5	5407666.3
L4930.0	504927.5	5407666.3	10081.70020	289.40	100.21	48.821959	-86.932870	56170.63	56248.3	1.68	56172.31	56163.12891	56172.05215	56161.12500	504927.5	5407666.3
L4930.0	504927.5	5407667.6	10081.79981	291.53	101.16	48.821971	-86.932870	56170.23	56248.3	1.68	56171.91	56162.74609	56171.90923	56161.01953	504927.5	5407667.6
L4930.0	504927.5	5407668.1	10081.90039	290.20	101.16	48.821976	-86.932871	56169.84	56248.3	1.68	56171.52	56162.37500	56171.74843	56160.89844	504927.5	5407668.1
L4930.0	504927.5	5407668.8	10082.00000	291.08	101.7	48.821982	-86.932871	56170.08	56248.3	1.68	56171.76	56162.63281	56171.60985	56160.80078	504927.5	5407668.8
L4930.0	504927.4	5407669.5	10082.09961	291.16	102.1	48.821988	-86.932871	56170.47	56248.3	1.68	56172.15	56163.03906	56171.51214	56160.74219	504927.4	5407669.5
L4930.0	504927.4	5407669.5	10082.20020	290.21	102.35	48.821988	-86.932871	56169.37	56248.3	1.68	56171.05	56161.95703	56171.25066	56160.51563	504927.4	5407669.5
L4930.0	504927.4	5407670.4	10082.29981	289.85	102.35	48.821996	-86.932872	56169.51	56248.3	1.68	56171.19	56162.11719	56171.13135	56160.43750	504927.4	5407670.4
L4930.0	504927.4	5407671.2	10082.40039	288.94	102.64	48.822004	-86.932872	56169.82	56248.3	1.68	56171.50	56162.44531	56171.06271	56160.40625	504927.4	5407671.2
L4930.0	504927.4	5407671.8	10082.50000	289.57	100.3	48.822009	-86.932872	56169.44	56248.3	1.68	56171.12	56162.08594	56170.86246	56160.24219	504927.4	5407671.8
L4930.0	504927.3	5407672.6	10082.59961	289.28	103.55	48.822015	-86.932873	56169.51	56248.3	1.68	56171.19	56162.17578	56170.76023	56160.17578	504927.3	5407672.6
L4930.0	504927.3	5407673.4	10082.70020	291.75	103.72	48.822023	-86.932873	56168.91	56248.3	1.68	56170.59	56161.59375	56170.48485	56159.93750	504927.3	5407673.4
L4930.0	504927.3	5407673.4	10082.79981	293.05	103.72	48.822023	-86.932873	56168.22	56248.3	1.68	56169.90	56160.92188	56170.16822	56159.65625	504927.3	5407673.4
L4930.0	504927.3	5407674.4	10082.90039	293.90	103.91	48.822032	-86.932873	56168.32	56248.3	1.68	56170.00	56161.04297	56170.07180	56159.59375	504927.3	5407674.4
L4930.0	504927.3	5407675.3	10083.00000	294.22	103.91	48.822040	-86.932873	56168.30	56248.3	1.68	56169.98	56161.04297	56169.94434	56159.50391	504927.3	5407675.3
L4930.0	504927.3	5407676.2	10083.09961	293.55	104.41	48.822048	-86.932873	56168.73	56248.3	1.68	56170.41	56161.49219	56169.95060	56159.54297	504927.3	5407676.2
L4930.0	504927.3	5407677.1	10083.20020	295.04	104.41	48.822057	-86.932873	56167.77	56248.3	1.68	56169.44	56160.54297	56169.54281	56159.17188	504927.3	5407677.1
L4930.0	504927.3	5407678.3	10083.20020	295.04	104.49	48.822067	-86.932873	56167.92	56248.3	1.68	56169.60	56160.72266	56169.46399	56159.12500	504927.3	5407678.3
L4930.0	504927.3	5407678.3	10083.40039	292.72	104.43	48.822067	-86.932873	56168.20	56248.3	1.68	56169.88	56161.02344	56169.40445	56159.10156	504927.3	5407678.3
L4930.0	504927.3	5407679.2	10083.50000	294.24	104.43	48.822075	-86.932873	56167.35	56248.3	1.68	56169.02	56160.18359	56169.05164	56158.78125	504927.3	5407679.2
L4930.0	504927.3	5407680.1	10083.59961	291.10	104.51	48.822083	-86.932873	56167.46	56248.3	1.67	56169.14	56160.32422	56168.93699	56158.69922	504927.3	5407680.1
L4930.0	504927.3	5407681.2	10083.70020	291.13	104.51	48.822094	-86.932873	56167.57	56248.3	1.67	56169.25	56160.45703	56168.79898	56158.59766	504927.3	5407681.2
L4930.0	504927.3	5407682.0	10083.79981	290.98	104.51	48.822100	-86.932873	56167.06	56248.3	1.67	56168.73	56159.95703	56168.54997	56158.37891	504927.3	5407682.0
L4930.0	504927.3	5407682.0	10083.90039	288.54	104.41	48.822100	-86.932873	56167.07	56248.3	1.67	56168.74	56159.98828	56168.37469	56158.23828	504927.3	5407682.0
L4930.0	504927.3	5407683.4	10084.00000	289.69	104.41	48.822113	-86.932873	56166.86	56248.3	1.67	56168.53	56159.80078	56168.16761	56158.06250	504927.3	5407683.4

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4930.0	504927.3	5407684.2	10084.09961	287.25	98.96	48.822120	-86.932873	56166.54	56248.3	1.67	56168.20	56159.49219	56167.95774	56157.88281	504927.3	5407684.2
L4930.0	504927.3	5407684.2	10084.20020	286.81	98.96	48.822120	-86.932873	56166.89	56248.3	1.67	56168.56	56159.87109	56167.72761	56157.68359	504927.3	5407684.2
L4930.0	504927.3	5407685.4	10084.29981	287.24	104.8	48.822131	-86.932873	56166.65	56248.3	1.67	56168.32	56159.65234	56167.49485	56157.48438	504927.3	5407685.4
L4930.0	504927.3	5407686.2	10084.40039	287.21	104.74	48.822138	-86.932873	56165.80	56248.3	1.67	56167.46	56158.81250	56167.34382	56157.36328	504927.3	5407686.2
L4930.0	504927.3	5407687.3	10084.50000	289.68	104.74	48.822148	-86.932873	56165.72	56248.3	1.67	56167.39	56158.76563	56167.10850	56157.15625	504927.3	5407687.3
L4930.0	504927.3	5407687.3	10084.59961	290.60	104.81	48.822148	-86.932873	56165.97	56248.3	1.66	56167.64	56159.03516	56166.79286	56156.87109	504927.3	5407687.3
L4930.0	504927.3	5407688.4	10084.70020	288.83	105.76	48.822158	-86.932873	56165.44	56248.3	1.66	56167.10	56158.51953	56166.63572	56156.74609	504927.3	5407688.4
L4930.0	504927.3	5407689.4	10084.79981	288.08	106	48.822167	-86.932873	56165.18	56248.3	1.66	56166.84	56158.28125	56166.42244	56156.56250	504927.3	5407689.4
L4930.0	504927.3	5407690.5	10084.90039	287.02	106	48.822176	-86.932873	56164.56	56248.3	1.66	56166.22	56157.67969	56166.31284	56156.48047	504927.3	5407690.5
L4930.0	504927.3	5407691.5	10085.00000	287.48	106.13	48.822185	-86.932873	56164.81	56248.3	1.66	56166.47	56157.95313	56165.95710	56156.15625	504927.3	5407691.5
L4930.0	504927.3	5407692.2	10085.09961	285.63	106.07	48.822192	-86.932873	56164.67	56248.3	1.66	56166.32	56157.82422	56165.71393	56155.94141	504927.3	5407692.2
L4930.0	504927.3	5407693.3	10085.20020	286.22	106.07	48.822202	-86.932873	56164.22	56248.3	1.65	56165.88	56157.40625	56165.55709	56155.81250	504927.3	5407693.3
L4930.0	504927.3	5407694.2	10085.20020	286.22	105.49	48.822210	-86.932873	56164.11	56248.3	1.65	56165.76	56157.30859	56165.30461	56155.58594	504927.3	5407694.2
L4930.0	504927.3	5407694.2	10085.40039	287.42	106.25	48.822210	-86.932873	56163.78	56248.4	1.64	56165.42	56156.98828	56165.11413	56155.42578	504927.3	5407694.2
L4930.0	504927.3	5407695.3	10085.50000	285.66	106.36	48.822220	-86.932873	56163.74	56248.4	1.64	56165.38	56156.96875	56164.83925	56155.17578	504927.3	5407695.3
L4930.0	504927.3	5407696.2	10085.59961	284.18	106.38	48.822228	-86.932873	56163.83	56248.4	1.64	56165.46	56157.07031	56164.53872	56154.90234	504927.3	5407696.2
L4930.0	504927.3	5407697.3	10085.70020	284.38	106.38	48.822238	-86.932873	56162.99	56248.4	1.63	56164.62	56156.25391	56164.45703	56154.84766	504927.3	5407697.3
L4930.0	504927.3	5407697.3	10085.79981	285.17	106.65	48.822238	-86.932873	56162.99	56248.4	1.63	56164.62	56156.27344	56164.17482	56154.59375	504927.3	5407697.3
L4930.0	504927.3	5407698.8	10085.90039	286.80	106.37	48.822252	-86.932873	56162.89	56248.4	1.62	56164.51	56156.18359	56163.92084	56154.36719	504927.3	5407698.8
L4930.0	504927.3	5407699.7	10086.00000	288.75	106.69	48.822260	-86.932873	56161.95	56248.4	1.62	56163.57	56155.26563	56163.80723	56154.27734	504927.3	5407699.7
L4930.0	504927.3	5407700.7	10086.09961	290.14	106.69	48.822268	-86.932873	56162.28	56248.4	1.62	56163.90	56155.61719	56163.48015	56153.97656	504927.3	5407700.7
L4930.0	504927.3	5407701.9	10086.20020	290.94	97.96	48.822280	-86.932872	56161.81	56248.4	1.62	56163.43	56155.16797	56163.27489	56153.79688	504927.3	5407701.9
L4930.0	504927.3	5407702.7	10086.29981	292.28	97.96	48.822286	-86.932872	56161.77	56248.4	1.63	56163.40	56155.15625	56163.01092	56153.55859	504927.3	5407702.7
L4930.0	504927.3	5407703.7	10086.40039	291.85	98.73	48.822296	-86.932872	56161.61	56248.4	1.63	56163.23	56155.00781	56162.76477	56153.33594	504927.3	5407703.7
L4930.0	504927.3	5407703.7	10086.50000	291.51	99.79	48.822296	-86.932872	56160.96	56248.4	1.63	56162.59	56154.38672	56162.56499	56153.16406	504927.3	5407703.7
L4930.0	504927.4	5407704.8	10086.59961	292.30	99.79	48.822306	-86.932872	56160.77	56248.4	1.63	56162.40	56154.21875	56162.31736	56152.94141	504927.4	5407704.8
L4930.0	504927.4	5407705.9	10086.70020	290.66	97.87	48.822316	-86.932872	56160.44	56248.4	1.63	56162.07	56153.91016	56162.08350	56152.73047	504927.4	5407705.9
L4930.0	504927.4	5407707.1	10086.79981	290.59	98.65	48.822326	-86.932871	56160.48	56248.4	1.64	56162.12	56153.97656	56161.80594	56152.47656	504927.4	5407707.1
L4930.0	504927.4	5407707.1	10086.90039	290.68	100.17	48.822326	-86.932871	56160.39	56248.4	1.64	56162.03	56153.90625	56161.53586	56152.23047	504927.4	5407707.1
L4930.0	504927.4	5407708.4	10087.00000	289.86	100.41	48.822337	-86.932871	56160.18	56248.4	1.64	56161.82	56153.71875	56161.27337	56151.99219	504927.4	5407708.4
L4930.0	504927.5	5407709.5	10087.09961	290.18	100.41	48.822348	-86.932871	56160.06	56248.4	1.64	56161.70	56153.61719	56160.98722	56151.72656	504927.5	5407709.5
L4930.0	504927.5	5407710.6	10087.20020	287.95	100.15	48.822358	-86.932870	56159.63	56248.4	1.63	56161.26	56153.19531	56160.75372	56151.51953	504927.5	5407710.6
L4930.0	504927.5	5407710.6	10087.20020	287.95	99.43	48.822358	-86.932870	56158.89	56248.4	1.63	56160.52	56152.47656	56160.59910	56151.38672	504927.5	5407710.6
L4930.0	504927.5	5407712.9	10087.40039	286.23	107.98	48.822379	-86.932869	56159.70	56248.4	1.62	56161.32	56153.29297	56160.04914	56150.85938	504927.5	5407712.9
L4930.0	504927.5	5407712.9	10087.50000	285.57	107.98	48.822379	-86.932869	56157.68	56248.4	1.62	56159.30	56151.29297	56160.30435	56151.13672	504927.5	5407712.9
L4930.0	504927.6	5407714.3	10087.59961	286.09	108.2	48.822391	-86.932869	56158.19	56248.4	1.62	56159.80	56151.80859	56159.69476	56150.54688	504927.6	5407714.3
L4930.0	504927.6	5407715.2	10087.70020	285.40	108.2	48.822399	-86.932869	56158.48	56248.4	1.61	56160.09	56152.11719	56159.65786	56150.53125	504927.6	5407715.2
L4930.0	504927.6	5407716.2	10087.79981	286.52	108.52	48.822408	-86.932869	56158.06	56248.4	1.61	56159.67	56151.71484	56159.32827	56150.22656	504927.6	5407716.2
L4930.0	504927.6	5407717.5	10087.90039	285.76	104.88	48.822420	-86.932868	56157.86	56248.4	1.60	56159.46	56151.52344	56159.08177	56150.00000	504927.6	5407717.5
L4930.0	504927.6	5407718.3	10088.00000	285.32	108.28	48.822427	-86.932868	56156.99	56248.4	1.60	56158.59	56150.67188	56158.59948	56149.53906	504927.6	5407718.3
L4930.0	504927.6	5407719.5	10088.09961	284.04	108.93	48.822438	-86.932868	56157.27	56248.4	1.60	56158.87	56150.96875	56158.52766	56149.48828	504927.6	5407719.5
L4930.0	504927.6	5407719.5	10088.20020	284.23	108.93	48.822438	-86.932868	56155.98	56248.4	1.59	56157.57	56149.68359	56157.92013	56148.89844	504927.6	5407719.5
L4930.0	504927.7	5407720.5	10088.29981	285.05	108.83	48.822446	-86.932868	56156.87	56248.4	1.59	56158.46	56150.58984	56158.03778	56149.03516	504927.7	5407720.5
L4930.0	504927.7	5407722.2	10088.40039	284.79	108.83	48.822462	-86.932867	56156.20	56248.4	1.59	56157.78	56149.92578	56157.64321	56148.66406	504927.7	5407722.2
L4930.0	504927.7	5407723.4	10088.50000	285.46	109.7	48.822473	-86.932867	56155.47	56248.4	1.58	56157.05	56149.21094	56157.23776	56148.27734	504927.7	5407723.4
L4930.0	504927.7	5407723.4	10088.59961	286.02	109.74	48.822473	-86.932867	56155.86	56248.4	1.58	56157.45	56149.62891	56157.18435	56148.24219	504927.7	5407723.4
L4930.0	504927.7	5407724.6	10088.70020	285.68	110.02	48.822484	-86.932866	56155.23	56248.4	1.58	56156.81	56149.00391	56156.80778	56147.88281	504927.7	5407724.6
L4930.0	504927.8	5407725.8	10088.79981	284.43	110.02	48.822495	-86.932866	56155.68	56248.4	1.58	56157.25	56149.45703	56156.76915	56147.86328	504927.8	5407725.8
L4930.0	504927.8	5407727.0	10088.90039	283.30	102.39	48.822505	-86.932866	56154.62	56248.4	1.57	56156.19	56148.41016	56156.25755	56147.37109	504927.8	5407727.0
L4930.0	504927.8	5407728.4	10089.00000	283.61	100.48	48.822518	-86.932865	56154.26	56248.4	1.57	56155.83	56148.06641	56155.96440	56147.09766	504927.8	5407728.4
L4930.0	504927.9	5407729.0	10089.09961	283.91	102.18	48.822523	-86.932865	56154.01	56248.4	1.57	56155.58	56147.83203	56155.70613	56146.85547	504927.9	5407729.0
L4930.0	504927.9	5407729.0	10089.20020	286.18	102.18	48.822523	-86.932865	56153.81	56248.4	1.57	56155.38	56147.64453	56155.46512	56146.63281	504927.9	5407729.0
L4930.0	504927.9	5407730.4	10089.20020	286.18	103.77	48.822536	-86.932864	56153.69	56248.4	1.57	56155.26	56147.53906	56155.25425	56146.43750	504927.9	5407730.4
L4930.0	504927.9	5407731.4	10089.40039	284.86	102.46	48.822545	-86.932864	56153.73	56248.4	1.58	56155.31	56147.60156	56155.11095	56146.31250	504927.9	5407731.4
L4930.0	504928.0	5407732.7	10089.50000	284.60	107.67	48.822556	-86.932863	56153.25	56248.4	1.58	56154.83	56147.13281	56154.76897	56145.98828	504928.0	5407732.7
L4930.0	504928.0	5407733.7	10089.59961	284.76	107.67	48.822565	-86.932863	56153.28	56248.4	1.58	56154.86	56147.17578	56154.62749	56145.86328	504928.0	5407733.7
L4930.0	504928.0	5407734.9	10089.70020	286.81	110.84	48.822576	-86.932862	56153.12	56248.4	1.58	56154.70	56147.02734	56154.41447	56145.66406	504928.0	5407734.9
L4930.0	504928.0	5407735.8	10089.79981	287.82	111.62	48.822584	-86.932862	56152.63	56248.4	1.59	56154.21	56146.55078	56153.90763	56145.17578	504928.0	5407735.8
L4930.0	504928.1	5407736.9	10089.90039	289.29	111.62	48.822594	-86.932862	56152.13	56248.4	1.59	56153.72	56146.07031	56153.70852	56144.99219	504928.1	5407736.9
L4930.0	504928.1	5407736.9	10090.00000	289.69	112.03	48.822594	-86.932862	56151.54	56248.4	1.59	56153.13	56145.49219	56153.51924	56144.81641	504928.1	5407736.9
L4930.0	504928.1	5407738.3	10090.09961	289.52	111.85	48.822607	-86.932862	56151.76	56248.4	1.59	56153.35	56145.72266	56153.12972	56144.44141	504928.1	5407738.3
L4930.0	504928.1	5407739.6	10090.20020	291.59	111.85	48.822618	-86.932861	56151.00	56248.4	1.58	56152.58	56144.96484	56152.96318	56144.28906	504928.1	5407739.6
L4930.0	504928.1	5407740.8	10090.29981	289.28	111.41	48.822629	-86.932861	56151.24	56248.4	1.58	56152.82	56145.21484	56152.59705	56143.93750	504928.1	5407740.8
L4930.0	504928.2	5407742.0	10090.40039	291.12	101.98	48.822640	-86.932861	56150.62	56248.4	1.58	56152.20	56144.60547	56152.38676	56143.74219	504928.2	5407742.0
L4930.0	504928.2	5407743.0	10090.50000	290.67	101.98	48.822649	-86.932860	56150.44	56248.4	1.57	56152.01	56144.42188	56152.10512	56143.47656	504928.2	5407743.0
L4930.0	504928.2	5407744.1	10090.59961	290.71	102.94	48.822659	-86.932860	56150.35	56248.4	1.57	56151.92	56144.34375	56151.81316	56143.19531	504928.2	5407744.1
L4930.0	504928.2	5407744.1	10090.70020	290.23	112.13	48.822659	-86.932860	56149.70	56248.4	1.57	56151.27	56143.70313	56151.59294	56142.98828	504928.2	5407744.1
L4930.0	504928.2	5407745.1	10090.79981	289.35	112.13	48.822668	-86.932860	56149.99	56248.4	1.57	56151.56	56144.00000	56151.25536	56142.66406	504928.2	5407745.1
L4930.0	504928.2	5407746.5	10090.90039	288.91	104.62	48.822680	-86.932860	56149.81	56248.4	1.56	56151.37	56143.82031	56150.97438	56142.39453	504928.2	5407746.5
L4930.0	504928.2	5407747.7	10091.00000	288.73	112.05	48.822691	-86.932859	56149.13	56248.4	1.56	56150.69	56143.14844	56150.75355	56142.18750	504928.2	5407747.7
L4930.0	504928.2	5407747.7	10091.09961	288.67	112.05	48.822691	-86.932859	56149.13	56248.4	1.56	56150.70	56143.16406	56150.44033	56141.88672	504928.2	5407747.7
L4930.0	504928.3	5407750.0	10091.20020	290.01	112.3	48.822712	-86.932859	56148.93	56248.4	1.56	56150.49	56142.96094	56150.15222	56141.60938	504928.3	5407750.0
L4930.0	504928.3	5407751.0	10091.20020	290.01	103.86	48.822721	-86.932859	56147.66	56248.4	1.56	56149.22	56141.69922	56150.04169	56141.51172	504928.3	5407751.0
L4930.0	504928.3	5407751.0	10091.40039	290.19	104.22	48.822721	-86.932859	56148.16	56248.4	1.57	56149.73	56142.21484	56149.62971	56141.10938	504928.3	5407751.0
L4930.0	504928.3	5407752.3	10091.50000	287.49	104.22	48.822733	-86.932859	56147.67	56248.4	1.57	56149.24	56141.73047	56149.39621	56140.88672	504928.3	5407752.3
L4930.0	504928.3	5407753.4	10091.59961	286.20	113.39	48.822743	-86.932859	56147.36	56248.4	1.57	56148.93	56141.42969	56149.12949	56140.62891	504928.3	5407753.4
L4930.0	504928.3	5407754.6	10091.70020	285.63	113.24	48.822754	-86.932859	56147.64	56248.4	1.57	56149.21	56141.71484	56148.71602	56140.22656	504928.3	5407754.6
L4930.0	504928.3	5407755.7	10091.79981	287.18	113.58	48.822763	-86.932859	56147.16	56248.4	1.58	56148.74	56141.25000	56148.48015	56140.00000	504928.3	5407755.7
L4930.0	504928.3	5407756.7	10091.90039	287.85	113.58	48.822773	-86.932859	56146.58	56248.4	1.58	56148.16	56140.67578	56148.28205	56139.81250	504928.3	5407756.7
L4930.0	504928.3	5407756.7	10092.00000	287.01	113.78	48.822773	-86.932859	56146.39	56248.4	1.58	56147.97	56140.49219	56147.97427	56139.51172	504928.3	5407756.7
L4930.0	504928.3	5407758.9	10092.09961	286.61	113.7	48.822792	-86.932858	56145.76	56248.4	1.58	56147.34	56139.86719	56147.80552	56139.35156	504928.3	5407758.9
L4930.0	504928.3	5407760.3	10092.20020	287.11	113.82	48.822805	-86.932858	56145.79	56248.4	1.58	56147.37	56139.90234	56147.47520	56139.03125	504928.3	5407760.3
L4930.0	504928.3	5407760.3	10092.29981	285.94	113.82	48.822805	-86.932858	56144.86	56248.4	1.58	56146.44	56138.97656	56146.92977	56138.49219	504928.3	5407760.3
L4930.0	504928.3	5407761.4	10092.40039	284.92	113.88	48.822815	-86.932858	56145.43	56248.4	1.58	56147.01	56139.55078	56147.01276	56138.58203	504928.3	5407761.4
L4930.0	504928.3	5407762.9	10092.50000	287.23	113.88	48.822828	-86.932858	56144.85	56248.4	1.58	56146.43	56138.97656	56146.61637	56138.19531	504928.3	5407762.9
L4930.0	504928.3	5407762.9	10092.59961	286.40	113.44	48.822828	-86.932858	56144.56	56248.4	1.58	56146.14	56138.68750	56146.34018	56137.92578	504928.3	5407762.9
L4930.0	504928.3	5407764.6	10092.70020	286.95	113.44	48.822843	-86.932858	56144.47	56248.4	1.58	56146.05	56138.60156	56146.14444	56137.73438	504928.3	5407764.6
L4930.0	504928.4	5407766.3	10092.79981	285.30	113.97	48.822858	-86.932857	56144.28	56248.4	1.58	56145.86	56138.41797	56145.90774	56137.50781	504928.4	5407766.3
L4930.0	504928.4	5407767.2	10092.90039	283.93	113.97	48.822867	-86.932857	56143.58	56248.4	1.58	56145.16	56137.71875	56145.46850	56137.07422	504928.4	5407767.2
L4930.0	504928.4	5407767.2	10093.00000	286.64	110.61	48.822867	-86.932857	56143.72	56248.4	1.58	56145.30	56137.86328	56145.36276	56136.97266	504928.4	5407767.2
L4930.0	504928.4	5407770.2	10093.09961	285.31	110.61	48.822894	-86.932857	56142.81	56248.4	1.58	56144.39	56136.95703	56144.84278	56136.45703	504928.4	5407770.2
L4930.0	504928.4	5407770.2	10093.20020	287.21	114.35	48.822894	-86.932857	56142.66	56248.4	1.58	56144.24	56136.80859	56144.62272	56136.24219	504928.4	5407770.2
L4930.0	504928.4	5407771.3	10093.20020	287.21	114.62	48.822903	-86.932857	56142.47	56248.4	1.58	56144.06	56136.63281	56144.39092	56136.01563	504928.4	5407771.3

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4930.0	504928.4	5407773.0	10093.40039	286.29	114.62	48.822919	-86.932856	56142.06	56248.4	1.58	56143.64	56136.21484	56144.06526	56135.69531	504928.4	5407773.0
L4930.0	504928.4	5407773.0	10093.50000	286.80	114.62	48.822919	-86.932856	56142.07	56248.4	1.58	56143.65	56136.22656	56143.90869	56135.54297	504928.4	5407773.0
L4930.0	504928.5	5407774.3	10093.59961	284.67	114.24	48.822931	-86.932856	56141.54	56248.4	1.59	56143.12	56135.69922	56143.54060	56135.17969	504928.5	5407774.3
L4930.0	504928.5	5407775.8	10093.70020	287.44	115.3	48.822944	-86.932856	56141.12	56248.4	1.59	56142.70	56135.28125	56143.21596	56134.85938	504928.5	5407775.8
L4930.0	504928.5	5407775.8	10093.79981	286.71	115.3	48.822944	-86.932856	56140.45	56248.4	1.59	56142.04	56134.62500	56142.79669	56134.44531	504928.5	5407775.8
L4930.0	504928.5	5407778.6	10093.90039	287.08	114.84	48.822970	-86.932855	56140.13	56248.4	1.59	56141.71	56134.29688	56142.50774	56134.15625	504928.5	5407778.6
L4930.0	504928.5	5407778.6	10094.00000	287.88	114.84	48.822970	-86.932855	56140.02	56248.4	1.59	56141.61	56134.19922	56142.31066	56133.96484	504928.5	5407778.6
L4930.0	504928.5	5407780.2	10094.09961	286.17	114.74	48.822984	-86.932855	56140.13	56248.4	1.59	56141.72	56134.31250	56142.19865	56133.85547	504928.5	5407780.2
L4930.0	504928.5	5407780.2	10094.20020	286.14	114.61	48.822984	-86.932855	56140.18	56248.4	1.59	56141.77	56134.36328	56142.06450	56133.72266	504928.5	5407780.2
L4930.0	504928.6	5407782.8	10094.29981	285.41	114.61	48.823007	-86.932854	56139.89	56248.4	1.60	56141.49	56134.08594	56141.79908	56133.46094	504928.6	5407782.8
L4930.0	504928.6	5407782.8	10094.40039	286.11	114.33	48.823007	-86.932854	56139.62	56248.4	1.60	56141.22	56133.81641	56141.53827	56133.20313	504928.6	5407782.8
L4930.0	504928.6	5407784.5	10094.50000	286.68	114.33	48.823022	-86.932854	56138.93	56248.4	1.60	56140.53	56133.12891	56141.10675	56132.77344	504928.6	5407784.5
L4930.0	504928.6	5407785.4	10094.59961	287.59	102.35	48.823031	-86.932854	56138.76	56248.4	1.60	56140.36	56132.96094	56140.88710	56132.55469	504928.6	5407785.4
L4930.0	504928.6	5407786.9	10094.70020	288.91	102.35	48.823044	-86.932854	56138.63	56248.4	1.60	56140.23	56132.83594	56140.68496	56132.35547	504928.6	5407786.9
L4930.0	504928.6	5407786.9	10094.79981	288.97	98.79	48.823044	-86.932854	56138.79	56248.4	1.61	56140.39	56132.99609	56140.60453	56132.27344	504928.6	5407786.9
L4930.0	504928.6	5407788.5	10094.90039	289.86	98.79	48.823058	-86.932854	56138.12	56248.4	1.61	56139.73	56132.33984	56140.18431	56131.85547	504928.6	5407788.5
L4930.0	504928.6	5407789.8	10095.00000	288.66	103.91	48.823070	-86.932853	56138.06	56248.4	1.61	56139.67	56132.28125	56140.01490	56131.68750	504928.6	5407789.8
L4930.0	504928.6	5407791.1	10095.09961	287.33	103.91	48.823082	-86.932853	56137.90	56248.4	1.61	56139.51	56132.12109	56139.80478	56131.47656	504928.6	5407791.1
L4930.0	504928.6	5407791.1	10095.20020	285.63	103.54	48.823082	-86.932853	56137.46	56248.4	1.61	56139.08	56131.69531	56139.48114	56131.15625	504928.6	5407791.1
L4930.0	504928.6	5407792.8	10095.20020	285.63	103.54	48.823097	-86.932853	56137.26	56248.4	1.61	56138.87	56131.48828	56139.25127	56130.92578	504928.6	5407792.8
L4930.0	504928.6	5407794.4	10095.40039	287.75	105.12	48.823111	-86.932853	56137.24	56248.4	1.61	56138.85	56131.46875	56139.10367	56130.77734	504928.6	5407794.4
L4930.0	504928.6	5407794.4	10095.50000	287.50	105.12	48.823111	-86.932853	56136.45	56248.4	1.62	56138.07	56130.69141	56138.91826	56130.59375	504928.6	5407794.4
L4930.0	504928.7	5407795.9	10095.59961	288.40	106.84	48.823125	-86.932853	56136.33	56248.4	1.62	56137.94	56130.56641	56138.64535	56130.32031	504928.7	5407795.9
L4930.0	504928.7	5407797.2	10095.70020	286.47	106.84	48.823137	-86.932853	56136.26	56248.4	1.62	56137.88	56130.50781	56138.35432	56130.03125	504928.7	5407797.2
L4930.0	504928.7	5407798.8	10095.79981	287.87	113.73	48.823151	-86.932853	56135.82	56248.4	1.62	56137.44	56130.07031	56138.19322	56129.87109	504928.7	5407798.8
L4930.0	504928.7	5407798.8	10095.90039	288.18	113.73	48.823151	-86.932853	56135.78	56248.4	1.62	56137.40	56130.03516	56137.90589	56129.58203	504928.7	5407798.8
L4930.0	504928.7	5407800.6	10096.00000	291.12	115.61	48.823167	-86.932853	56135.46	56248.4	1.62	56137.08	56129.71875	56137.71572	56129.39063	504928.7	5407800.6
L4930.0	504928.7	5407801.9	10096.09961	292.13	114.98	48.823179	-86.932853	56135.22	56248.4	1.62	56136.84	56129.48047	56137.29581	56128.97266	504928.7	5407801.9
L4930.0	504928.7	5407803.2	10096.20020	289.70	114.98	48.823191	-86.932853	56135.52	56248.4	1.62	56137.15	56129.79688	56137.29617	56128.97266	504928.7	5407803.2
L4930.0	504928.7	5407803.2	10096.29981	289.78	115.09	48.823191	-86.932853	56134.43	56248.4	1.62	56136.06	56128.71094	56136.69877	56128.37500	504928.7	5407803.2
L4930.0	504928.7	5407805.2	10096.40039	289.33	115.09	48.823209	-86.932853	56135.06	56248.4	1.62	56136.68	56129.33203	56136.83131	56128.50781	504928.7	5407805.2
L4930.0	504928.7	5407805.2	10096.50000	288.38	115.37	48.823209	-86.932853	56134.28	56248.4	1.63	56135.90	56128.55859	56136.36759	56128.04297	504928.7	5407805.2
L4930.0	504928.7	5407806.9	10096.59961	286.96	116.06	48.823224	-86.932853	56135.07	56248.4	1.63	56136.69	56129.35156	56136.57207	56128.24609	504928.7	5407806.9
L4930.0	504928.7	5407808.0	10096.70020	285.38	116.06	48.823234	-86.932853	56134.18	56248.4	1.63	56135.81	56128.47656	56136.06611	56127.74219	504928.7	5407808.0
L4930.0	504928.7	5407808.0	10096.79981	287.00	115.5	48.823234	-86.932853	56134.48	56248.4	1.63	56136.11	56128.78125	56136.06309	56127.73828	504928.7	5407808.0
L4930.0	504928.7	5407810.5	10096.90039	285.05	112.65	48.823256	-86.932852	56133.24	56248.4	1.63	56134.87	56127.54688	56135.91434	56127.58984	504928.7	5407810.5
L4930.0	504928.7	5407810.5	10097.00000	283.75	112.65	48.823256	-86.932852	56133.32	56248.4	1.63	56134.95	56127.63281	56135.61136	56127.28516	504928.7	5407810.5
L4930.0	504928.7	5407812.0	10097.09961	286.33	111.5	48.823270	-86.932852	56133.70	56248.4	1.64	56135.33	56128.01953	56135.21601	56126.89063	504928.7	5407812.0
L4930.0	504928.7	5407813.1	10097.20020	288.28	111.5	48.823280	-86.932852	56132.98	56248.4	1.64	56134.63	56127.32422	56135.16774	56126.84375	504928.7	5407813.1
L4930.0	504928.7	5407814.4	10097.20020	288.28	113.48	48.823291	-86.932852	56133.85	56248.4	1.64	56135.49	56128.19141	56134.63621	56126.31250	504928.7	5407814.4
L4930.0	504928.7	5407815.5	10097.40039	287.05	106.81	48.823301	-86.932852	56133.35	56248.3	1.65	56135.01	56127.71875	56134.51676	56126.19141	504928.7	5407815.5
L4930.0	504928.7	5407815.5	10097.50000	285.46	108.09	48.823301	-86.932852	56132.81	56248.3	1.66	56134.47	56127.18359	56134.40502	56126.08203	504928.7	5407815.5
L4930.0	504928.7	5407817.0	10097.59961	284.26	108.89	48.823315	-86.932852	56132.44	56248.3	1.67	56134.10	56126.82422	56134.23664	56125.91406	504928.7	5407817.0
L4930.0	504928.7	5407818.1	10097.70020	286.11	108.89	48.823325	-86.932852	56132.48	56248.3	1.67	56134.16	56126.89063	56133.95444	56125.63281	504928.7	5407818.1
L4930.0	504928.7	5407819.8	10097.79981	285.76	107.6	48.823340	-86.932852	56132.22	56248.3	1.68	56133.90	56126.63672	56133.75380	56125.42969	504928.7	5407819.8
L4930.0	504928.7	5407819.8	10097.90039	287.75	106.5	48.823340	-86.932852	56131.83	56248.3	1.68	56133.51	56126.25781	56133.57865	56125.25781	504928.7	5407819.8
L4930.0	504928.8	5407821.0	10098.00000	290.23	106.5	48.823351	-86.932851	56131.65	56248.3	1.69	56133.34	56126.09375	56133.35331	56125.03516	504928.8	5407821.0
L4930.0	504928.8	5407822.6	10098.09961	291.25	104.74	48.823366	-86.932851	56131.20	56248.3	1.69	56132.89	56125.65234	56133.17900	56124.85938	504928.8	5407822.6
L4930.0	504928.8	5407823.8	10098.20020	291.17	103.69	48.823376	-86.932851	56131.52	56248.3	1.69	56133.22	56125.99219	56132.86817	56124.55078	504928.8	5407823.8
L4930.0	504928.7	5407825.2	10098.29981	289.75	105.33	48.823388	-86.932852	56131.70	56248.3	1.70	56133.40	56126.18359	56132.59564	56124.28125	504928.7	5407825.2
L4930.0	504928.7	5407826.3	10098.40039	289.45	105.33	48.823398	-86.932852	56131.12	56248.3	1.70	56132.82	56125.61328	56132.43044	56124.11719	504928.7	5407826.3
L4930.0	504928.7	5407827.6	10098.50000	291.00	100.27	48.823410	-86.932852	56130.67	56248.3	1.70	56132.37	56125.17188	56132.23509	56123.92578	504928.7	5407827.6
L4930.0	504928.7	5407827.6	10098.59961	290.46	116	48.823410	-86.932852	56130.89	56248.3	1.70	56132.59	56125.40234	56131.96295	56123.65625	504928.7	5407827.6
L4930.0	504928.7	5407829.4	10098.70020	289.77	102.37	48.823426	-86.932852	56129.95	56248.3	1.70	56131.65	56124.47656	56131.79906	56123.49219	504928.7	5407829.4
L4930.0	504928.7	5407831.0	10098.79981	289.33	102.37	48.823441	-86.932852	56129.88	56248.3	1.71	56131.59	56124.42578	56131.54851	56123.24609	504928.7	5407831.0
L4930.0	504928.7	5407832.1	10098.90039	289.53	115.65	48.823451	-86.932853	56130.01	56248.3	1.71	56131.72	56124.57031	56131.28371	56122.98438	504928.7	5407832.1
L4930.0	504928.6	5407833.5	10099.00000	286.02	102.27	48.823463	-86.932853	56130.41	56248.3	1.71	56132.12	56124.98047	56131.00068	56122.70703	504928.6	5407833.5
L4930.0	504928.6	5407833.5	10099.09961	285.08	102.78	48.823463	-86.932853	56129.20	56248.3	1.71	56130.91	56123.78516	56130.81726	56122.52734	504928.6	5407833.5
L4930.0	504928.6	5407834.7	10099.20020	284.87	102.78	48.823474	-86.932853	56129.06	56248.3	1.72	56130.78	56123.66797	56130.55896	56122.27344	504928.6	5407834.7
L4930.0	504928.6	5407835.8	10099.20020	284.87	101.29	48.823484	-86.932854	56128.94	56248.3	1.72	56130.66	56123.56250	56130.29561	56122.01172	504928.6	5407835.8
L4930.0	504928.5	5407837.2	10099.29981	287.92	103.74	48.823497	-86.932854	56128.56	56248.3	1.72	56130.28	56123.19531	56130.04521	56121.76953	504928.5	5407837.2
L4930.0	504928.5	5407838.7	10099.40039	290.50	103.74	48.823510	-86.932855	56128.34	56248.3	1.72	56130.06	56122.98828	56129.78099	56121.50781	504928.5	5407838.7
L4930.0	504928.5	5407838.7	10099.50000	290.63	100.53	48.823510	-86.932855	56127.81	56248.3	1.72	56129.54	56122.48438	56129.53820	56121.27344	504928.5	5407838.7
L4930.0	504928.5	5407840.8	10099.59961	292.76	100.53	48.823528	-86.932855	56127.86	56248.3	1.73	56129.58	56122.53906	56129.24688	56120.98828	504928.5	5407840.8
L4930.0	504928.4	5407842.4	10099.70020	291.74	101.35	48.823544	-86.932856	56127.83	56248.3	1.73	56129.56	56122.53516	56128.95387	56120.69922	504928.4	5407842.4
L4930.0	504928.4	5407842.4	10099.79981	290.78	103.61	48.823544	-86.932856	56126.49	56248.3	1.73	56128.23	56121.22266	56128.80571	56120.55859	504928.4	5407842.4
L4930.0	504928.4	5407843.8	10100.00000	288.95	103.61	48.823556	-86.932857	56127.00	56248.3	1.74	56128.74	56121.75000	56128.44882	56120.21094	504928.4	5407843.8
L4930.0	504928.3	5407845.7	10100.00000	288.95	101.71	48.823573	-86.932857	56126.03	56248.3	1.74	56127.77	56120.79688	56128.28422	56120.05078	504928.3	5407845.7
L4930.0	504928.3	5407845.7	10100.20020	288.78	103.18	48.823573	-86.932857	56126.39	56248.3	1.74	56128.13	56121.17188	56127.93272	56119.71094	504928.3	5407845.7
L4930.0	504928.3	5407847.2	10100.29981	289.90	103.18	48.823586	-86.932857	56125.78	56248.3	1.74	56127.52	56120.58203	56127.73106	56119.51563	504928.3	5407847.2
L4930.0	504928.3	5407848.6	10100.40039	290.20	105.44	48.823599	-86.932858	56125.63	56248.3	1.74	56127.37	56120.44922	56127.45694	56119.25000	504928.3	5407848.6
L4930.0	504928.3	5407848.6	10100.50000	289.17	114.22	48.823599	-86.932858	56125.84	56248.3	1.74	56127.58	56120.67578	56127.11575	56118.91797	504928.3	5407848.6
L4930.0	504928.2	5407850.5	10100.59961	288.62	101.97	48.823616	-86.932858	56124.95	56248.3	1.74	56126.69	56119.80859	56126.97986	56118.79297	504928.2	5407850.5
L4930.0	504928.2	5407852.1	10100.70020	288.32	101.97	48.823630	-86.932859	56125.25	56248.3	1.74	56126.99	56120.12500	56126.61936	56118.44531	504928.2	5407852.1
L4930.0	504928.2	5407853.5	10100.79981	287.88	104.72	48.823643	-86.932859	56124.52	56248.3	1.74	56126.26	56119.41797	56126.45714	56118.29297	504928.2	5407853.5
L4930.0	504928.2	5407854.2	10100.90039	285.49	104.72	48.823649	-86.932859	56124.44	56248.3	1.74	56126.18	56119.35547	56126.16894	56118.01563	504928.2	5407854.2
L4930.0	504928.2	5407855.8	10101.00000	287.63	104.85	48.823664	-86.932859	56124.59	56248.3	1.74	56126.33	56119.52734	56125.83716	56117.69531	504928.2	5407855.8
L4930.0	504928.2	5407855.8	10101.09961	287.21	106.68	48.823664	-86.932859	56124.22	56248.3	1.74	56125.96	56119.17969	56125.60240	56117.47266	504928.2	5407855.8
L4930.0	504928.1	5407857.4	10101.20020	287.28	106.32	48.823678	-86.932859	56123.75	56248.3	1.75	56125.50	56118.74219	56125.37977	56117.26563	504928.1	5407857.4
L4930.0	504928.1	5407858.8	10101.20020	287.28	106.32	48.823691	-86.932859	56123.56	56248.3	1.75	56125.31	56118.57422	56125.10454	56117.00391	504928.1	5407858.8
L4930.0	504928.1	5407860.2	10101.40039	287.87	100.34	48.823704	-86.932860	56123.91	56248.2	1.75	56125.67	56118.95703	56124.73341	56116.64453	504928.1	5407860.2
L4930.0	504928.1	5407860.9	10101.50000	287.66	101.1	48.823710	-86.932860	56123.02	56248.2	1.75	56124.78	56118.08984	56124.56646	56116.49219	504928.1	5407860.9
L4930.0	504928.1	5407862.8	10101.59961	286.13	101.1	48.823727	-86.932860	56122.74	56248.2	1.76	56124.50	56117.83203	56124.29166	56116.23438	504928.1	5407862.8
L4930.0	504928.1	5407862.8	10101.70020	289.65	101.81	48.823727	-86.932860	56122.74	56248.2	1.76	56124.50	56117.85547	56123.96745	56115.92578	504928.1	5407862.8
L4930.0	504928.1	5407864.2	10101.79981	290.62	103.01	48.823740	-86.932860	56122.49	56248.2	1.76	56124.26	56117.64063	56123.67553	56115.64844	504928.1	5407864.2
L4930.0	504928.0	5407865.8	10101.90039	291.82	100.88	48.823754	-86.932861	56121.98	56248.2	1.77	56123.75	56117.15625	56123.41881	56115.41016	504928.0	5407865.8
L4930.0	504928.0	5407867.1	10102.00000	291.76	102.54	48.823766	-86.932861	56121.69	56248.2	1.77	56123.46	56116.89063	56123.12363	56115.12891	504928.0	5407867.1
L4930.0	504928.0	5407868.2	10102.09961	291.07	102.54	48.823775	-86.932862	56121.10	56248.2	1.77	56122.87	56116.32422	56122.86766	56114.89453	504928.0	5407868.2
L4930.0	504928.0	5407868.2	10102.20020	288.70	102.08	48.823775	-86.932862	56121.28	56248.2	1.78	56123.06	56116.54297	56122.49840	56114.54297	504928.0	5407868.2
L4930.0	504927.9	5407869.9	10102.29981	289.95	99.52	48.823790	-86.932862	56120.12	56248.2	1.78	56121.90	56115.41016	56122.30875	56114.37109	504927.9	5407869.9
L4930.0	504927.9	5407872.4	10102.40039	290.47	99.74	48.823814	-86.932863	56120.32	56248.2	1.79	56122.11	56115.64453	56121.93996	56114.02344	504927.9	5407872.4
L4930.0	504927.9	5407872.4	10102.50000	290.76	99.74	48.823814	-86.932863	56119.68	56248.2	1.79	56121.48	56115.04297	56121.67098	56113.77344	504927.9	5407872.4
L4930.0	504927.8	5407873.6	10102.59961	289.51	102.52	48.823824	-86.932863	56119.38	56248.2	1.80	56121.18	56114.76953	56121.36503	56113.48828	504927.8	5407873.6

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4930.0	504927.8	5407874.6	10102.70020	287.35	102.68	48.823833	-86.932864	56118.97	56248.2	1.81	56120.78	56114.39844	56121.06995	56113.21484	504927.8	5407874.6
L4930.0	504927.8	5407876.0	10102.79981	286.28	102.4	48.823845	-86.932864	56118.58	56248.2	1.81	56120.39	56114.03516	56120.77688	56112.94141	504927.8	5407876.0
L4930.0	504927.8	5407877.3	10102.90039	286.19	102.4	48.823858	-86.932864	56118.63	56248.2	1.82	56120.44	56114.11328	56120.45515	56112.64453	504927.8	5407877.3
L4930.0	504927.7	5407878.7	10103.00000	286.91	102.71	48.823870	-86.932865	56117.84	56248.2	1.82	56119.66	56113.36328	56120.20554	56112.41797	504927.7	5407878.7
L4930.0	504927.7	5407878.7	10103.09961	287.61	102.24	48.823870	-86.932865	56116.95	56248.2	1.82	56118.77	56112.50391	56119.98375	56112.21875	504927.7	5407878.7
L4930.0	504927.7	5407881.1	10103.20020	287.49	102.24	48.823891	-86.932865	56117.28	56248.2	1.82	56119.10	56112.86328	56119.65426	56111.91406	504927.7	5407881.1
L4930.0	504927.7	5407881.1	10103.20020	287.49	100.23	48.823891	-86.932865	56117.38	56248.2	1.82	56119.20	56112.99219	56119.33926	56111.62500	504927.7	5407881.1
L4930.0	504927.7	5407882.9	10103.40039	288.14	101.1	48.823907	-86.932865	56117.11	56248.2	1.82	56118.93	56112.75391	56119.07048	56111.37891	504927.7	5407882.9
L4930.0	504927.7	5407884.5	10103.50000	289.31	101.1	48.823922	-86.932865	56116.72	56248.2	1.82	56118.54	56112.39453	56118.82842	56111.16406	504927.7	5407884.5
L4930.0	504927.7	5407884.5	10103.59961	292.46	112.8	48.823922	-86.932865	56117.02	56248.2	1.82	56118.84	56112.72656	56118.43982	56110.80469	504927.7	5407884.5
L4930.0	504927.7	5407885.7	10103.70020	293.56	112.8	48.823933	-86.932865	56115.61	56248.2	1.82	56117.43	56111.34766	56118.46166	56110.85156	504927.7	5407885.7
L4930.0	504927.7	5407887.0	10103.79981	294.12	99.91	48.823945	-86.932865	56115.97	56248.2	1.82	56117.79	56111.73828	56118.03966	56110.45703	504927.7	5407887.0
L4930.0	504927.7	5407888.3	10103.90039	291.96	102.13	48.823956	-86.932865	56116.14	56248.2	1.82	56117.96	56111.94141	56117.63938	56110.08594	504927.7	5407888.3
L4930.0	504927.7	5407889.6	10104.00000	289.79	101.41	48.823968	-86.932865	56114.96	56248.2	1.82	56116.78	56110.79297	56117.26860	56109.74609	504927.7	5407889.6
L4930.0	504927.7	5407891.2	10104.09961	287.73	98.59	48.823982	-86.932865	56115.54	56248.2	1.82	56117.36	56111.40625	56117.35326	56109.85938	504927.7	5407891.2
L4930.0	504927.7	5407892.4	10104.20020	286.33	98.59	48.823993	-86.932865	56114.88	56248.2	1.83	56116.71	56110.78906	56116.93346	56109.46875	504927.7	5407892.4
L4930.0	504927.7	5407892.4	10104.29981	284.57	98.09	48.823993	-86.932865	56115.57	56248.2	1.83	56117.40	56111.51172	56117.03499	56109.60156	504927.7	5407892.4
L4930.0	504927.7	5407893.8	10104.40039	283.22	99.52	48.824005	-86.932865	56114.14	56248.2	1.84	56115.98	56110.12500	56116.32943	56108.92578	504927.7	5407893.8
L4930.0	504927.7	5407895.2	10104.50000	282.68	99.52	48.824018	-86.932865	56113.87	56248.2	1.84	56115.71	56109.89063	56116.06360	56108.69141	504927.7	5407895.2
L4930.0	504927.7	5407895.2	10104.59961	280.14	100.85	48.824018	-86.932865	56113.89	56248.2	1.84	56115.74	56109.95313	56115.90474	56108.56641	504927.7	5407895.2
L4930.0	504927.7	5407898.2	10104.70020	281.55	109.13	48.824045	-86.932865	56113.71	56248.2	1.85	56115.56	56109.80859	56115.66745	56108.36328	504927.7	5407898.2
L4930.0	504927.7	5407899.8	10104.79981	281.48	109.13	48.824060	-86.932865	56113.59	56248.1	1.85	56115.44	56109.72266	56115.45026	56108.17969	504927.7	5407899.8
L4930.0	504927.7	5407899.8	10104.90039	282.19	112.92	48.824060	-86.932865	56113.02	56248.1	1.86	56114.87	56109.18750	56115.07312	56107.83594	504927.7	5407899.8
L4930.0	504927.7	5407901.2	10105.00000	284.43	112.92	48.824073	-86.932865	56112.75	56248.1	1.86	56114.61	56108.96484	56114.80458	56107.60156	504927.7	5407901.2
L4930.0	504927.7	5407901.2	10105.09961	286.03	100.95	48.824073	-86.932865	56112.66	56248.1	1.86	56114.52	56108.91016	56114.59700	56107.42969	504927.7	5407901.2
L4930.0	504927.7	5407903.3	10105.20020	288.94	100.95	48.824091	-86.932864	56112.58	56248.1	1.86	56114.44	56108.86328	56114.39553	56107.26563	504927.7	5407903.3
L4930.0	504927.7	5407904.5	10105.20020	288.94	98.86	48.824102	-86.932864	56112.09	56248.1	1.86	56113.95	56108.41016	56114.03946	56106.94531	504927.7	5407904.5
L4930.0	504927.8	5407906.1	10105.40039	291.49	98.86	48.824116	-86.932864	56111.54	56248.1	1.86	56113.40	56107.89453	56113.65219	56106.59375	504927.8	5407906.1
L4930.0	504927.8	5407907.5	10105.50000	290.92	98.05	48.824129	-86.932864	56111.92	56248.1	1.87	56113.78	56108.31250	56113.64636	56106.62500	504927.8	5407907.5
L4930.0	504927.8	5407907.5	10105.59961	289.02	98.69	48.824129	-86.932864	56111.46	56248.1	1.87	56113.33	56107.89844	56113.08891	56106.10547	504927.8	5407907.5
L4930.0	504927.8	5407909.2	10105.70020	289.81	98.69	48.824144	-86.932864	56110.41	56248.1	1.87	56112.27	56106.87500	56113.02765	56106.08203	504927.8	5407909.2
L4930.0	504927.8	5407910.8	10105.79981	289.15	98.69	48.824158	-86.932863	56110.81	56248.1	1.87	56112.67	56107.31250	56112.57027	56105.66406	504927.8	5407910.8
L4930.0	504927.8	5407912.2	10105.90039	289.38	101.04	48.824171	-86.932863	56110.20	56248.1	1.87	56112.07	56106.75000	56112.35711	56105.49219	504927.8	5407912.2
L4930.0	504927.8	5407912.2	10106.00000	287.02	101.61	48.824171	-86.932863	56110.08	56248.1	1.87	56111.95	56106.66406	56112.04461	56105.21875	504927.8	5407912.2
L4930.0	504927.8	5407913.6	10106.09961	290.22	101.61	48.824184	-86.932863	56109.82	56248.1	1.87	56111.69	56106.44141	56111.76084	56104.97656	504927.8	5407913.6
L4930.0	504927.9	5407915.2	10106.20020	292.11	103.51	48.824198	-86.932862	56109.75	56248.1	1.87	56111.62	56106.41016	56111.45314	56104.70703	504927.9	5407915.2
L4930.0	504927.9	5407915.2	10106.29981	292.56	103.05	48.824198	-86.932862	56108.84	56248.1	1.88	56110.71	56105.53906	56111.25059	56104.54688	504927.9	5407915.2
L4930.0	504927.9	5407916.5	10106.40039	291.84	103.05	48.824210	-86.932862	56109.12	56248.1	1.88	56111.00	56105.86719	56110.90112	56104.23828	504927.9	5407916.5
L4930.0	504927.9	5407917.7	10106.50000	291.06	103.81	48.824221	-86.932862	56108.40	56248.1	1.88	56110.28	56105.18359	56110.67212	56104.05469	504927.9	5407917.7
L4930.0	504927.9	5407919.0	10106.59961	290.99	100.78	48.824232	-86.932862	56108.94	56248.1	1.88	56110.82	56105.76172	56110.28437	56103.70703	504927.9	5407919.0
L4930.0	504927.9	5407920.1	10106.70020	289.24	100.78	48.824242	-86.932862	56108.31	56248.1	1.88	56110.19	56105.16797	56110.04187	56103.50781	504927.9	5407920.1
L4930.0	504927.9	5407921.8	10106.79981	288.31	100.36	48.824257	-86.932862	56107.70	56248.1	1.89	56109.58	56104.59766	56109.80282	56103.31250	504927.9	5407921.8
L4930.0	504927.9	5407921.8	10106.90039	287.22	101.59	48.824257	-86.932862	56107.64	56248.1	1.89	56109.53	56104.58594	56109.47499	56103.03125	504927.9	5407921.8
L4930.0	504927.9	5407923.1	10107.00000	286.36	101.59	48.824270	-86.932862	56107.09	56248.1	1.89	56108.98	56104.07422	56109.23311	56102.83203	504927.9	5407923.1
L4930.0	504927.9	5407924.5	10107.09961	283.28	101.46	48.824282	-86.932861	56106.64	56248.1	1.89	56108.53	56103.66016	56108.97863	56102.62109	504927.9	5407924.5
L4930.0	504927.9	5407925.7	10107.20020	283.92	101.49	48.824293	-86.932861	56106.81	56248.1	1.89	56108.69	56103.85938	56108.59060	56102.28125	504927.9	5407925.7
L4930.0	504928.0	5407927.1	10107.20020	283.92	101.49	48.824305	-86.932861	56106.11	56248.1	1.89	56107.99	56103.19531	56108.39590	56102.12891	504928.0	5407927.1
L4930.0	504928.0	5407928.6	10107.40039	287.03	101.08	48.824318	-86.932861	56106.46	56248.1	1.89	56108.34	56103.58594	56107.94412	56101.72266	504928.0	5407928.6
L4930.0	504928.0	5407930.2	10107.50000	287.73	103.14	48.824333	-86.932861	56105.19	56248.1	1.88	56107.08	56102.36328	56107.90591	56101.73438	504928.0	5407930.2
L4930.0	504928.0	5407930.2	10107.59961	287.65	103.14	48.824333	-86.932861	56105.21	56248.1	1.88	56107.10	56102.42188	56107.53339	56101.40625	504928.0	5407930.2
L4930.0	504928.0	5407932.0	10107.70020	286.61	103.28	48.824349	-86.932860	56104.94	56248.1	1.88	56106.82	56102.17969	56107.23882	56101.16016	504928.0	5407932.0
L4930.0	504928.0	5407933.4	10107.79981	287.92	103.28	48.824362	-86.932860	56105.19	56248.1	1.88	56107.07	56102.46875	56106.79451	56100.76172	504928.0	5407933.4
L4930.0	504928.0	5407934.4	10107.90039	288.63	101.87	48.824371	-86.932860	56104.91	56248.1	1.88	56106.79	56102.22656	56106.49620	56100.51172	504928.0	5407934.4
L4930.0	504928.0	5407935.8	10108.00000	289.24	101.87	48.824384	-86.932860	56103.95	56248.1	1.88	56105.83	56101.30469	56106.37592	56100.43750	504928.0	5407935.8
L4930.0	504928.0	5407935.8	10108.09961	287.60	103.67	48.824384	-86.932860	56104.73	56248.1	1.88	56106.62	56102.13281	56105.79718	56099.91016	504928.0	5407935.8
L4930.0	504928.1	5407937.9	10108.20020	288.16	101.11	48.824402	-86.932859	56103.02	56248.1	1.89	56104.91	56100.46094	56105.83825	56099.99609	504928.1	5407937.9
L4930.0	504928.1	5407939.4	10108.29981	287.03	101.11	48.824416	-86.932859	56102.99	56248.1	1.89	56104.88	56100.46875	56105.46327	56099.67188	504928.1	5407939.4
L4930.0	504928.1	5407941.0	10108.40039	287.31	101.41	48.824430	-86.932859	56103.29	56248.1	1.89	56105.18	56100.80469	56105.03366	56099.29297	504928.1	5407941.0
L4930.0	504928.1	5407941.0	10108.50000	290.13	101.41	48.824430	-86.932859	56102.18	56248.1	1.89	56104.07	56099.73438	56104.87452	56099.17969	504928.1	5407941.0
L4930.0	504928.1	5407942.2	10108.59961	290.68	101.41	48.824441	-86.932859	56102.43	56248.1	1.90	56104.33	56100.03125	56104.47408	56098.83203	504928.1	5407942.2
L4930.0	504928.1	5407943.9	10108.70020	292.91	102.67	48.824456	-86.932858	56102.03	56248.1	1.90	56103.93	56099.66797	56104.18457	56098.58984	504928.1	5407943.9
L4930.0	504928.1	5407943.9	10108.79981	292.76	103.09	48.824456	-86.932858	56101.13	56248.1	1.90	56103.03	56098.80469	56103.94430	56098.39844	504928.1	5407943.9
L4930.0	504928.2	5407945.3	10108.90039	291.66	103.09	48.824469	-86.932858	56101.58	56248.1	1.91	56103.49	56099.30469	56103.56739	56098.07422	504928.2	5407945.3
L4930.0	504928.2	5407946.7	10109.00000	289.60	103.97	48.824481	-86.932858	56100.61	56248.1	1.91	56102.52	56098.37109	56103.31064	56097.86719	504928.2	5407946.7
L4930.0	504928.2	5407947.9	10109.09961	287.93	103.97	48.824492	-86.932857	56100.94	56248.1	1.91	56102.85	56098.73828	56102.97845	56097.58594	504928.2	5407947.9
L4930.0	504928.2	5407949.3	10109.20020	288.04	99.87	48.824505	-86.932857	56100.36	56248.1	1.91	56102.27	56098.19531	56102.68681	56097.34375	504928.2	5407949.3
L4930.0	504928.2	5407949.3	10109.20020	288.04	105.15	48.824505	-86.932857	56100.11	56248.1	1.91	56102.02	56097.98047	56102.38731	56097.09766	504928.2	5407949.3
L4930.0	504928.3	5407951.0	10109.40039	289.99	105.15	48.824520	-86.932857	56099.83	56248.1	1.91	56101.74	56097.73828	56102.09013	56096.85156	504928.3	5407951.0
L4930.0	504928.3	5407952.7	10109.50000	289.17	104.13	48.824536	-86.932856	56099.12	56248.1	1.92	56101.04	56097.07422	56101.76645	56096.57813	504928.3	5407952.7
L4930.0	504928.3	5407953.9	10109.59961	290.58	104.13	48.824547	-86.932856	56099.28	56248.1	1.92	56101.19	56097.26172	56101.50307	56096.36719	504928.3	5407953.9
L4930.0	504928.3	5407955.1	10109.70020	290.59	117.84	48.824557	-86.932856	56098.82	56248.1	1.92	56100.73	56096.83594	56101.19095	56096.10547	504928.3	5407955.1
L4930.0	504928.3	5407955.1	10109.79981	289.81	105.67	48.824557	-86.932856	56099.14	56248.1	1.92	56101.06	56097.20313	56100.98411	56095.94922	504928.3	5407955.1
L4930.0	504928.3	5407956.8	10109.90039	289.62	105.67	48.824572	-86.932856	56098.49	56248.1	1.92	56100.41	56096.58984	56100.64520	56095.66406	504928.3	5407956.8
L4930.0	504928.4	5407958.2	10110.00000	290.70	104.91	48.824585	-86.932855	56097.43	56248.1	1.92	56099.35	56095.56641	56100.21524	56095.28516	504928.4	5407958.2
L4930.0	504928.4	5407959.7	10110.09961	293.51	106.33	48.824599	-86.932855	56097.86	56248.1	1.92	56099.78	56096.03125	56100.06207	56095.18359	504928.4	5407959.7
L4930.0	504928.4	5407960.7	10110.20020	291.96	106.33	48.824608	-86.932855	56097.65	56248.1	1.92	56099.57	56095.85547	56099.79374	56094.96484	504928.4	5407960.7
L4930.0	504928.4	5407960.7	10110.29981	292.10	107.43	48.824608	-86.932855	56097.81	56248.1	1.92	56099.73	56096.05078	56099.61663	56094.83984	504928.4	5407960.7
L4930.0	504928.4	5407962.6	10110.40039	293.17	106.65	48.824624	-86.932854	56096.99	56248.1	1.92	56098.91	56095.26563	56099.20539	56094.48047	504928.4	5407962.6
L4930.0	504928.4	5407963.9	10110.50000	293.49	106.65	48.824637	-86.932854	56096.79	56248.1	1.92	56098.71	56095.09766	56098.94482	56094.27344	504928.4	5407963.9
L4930.0	504928.5	5407965.4	10110.59961	294.69	106.38	48.824649	-86.932854	56096.24	56248.1	1.92	56098.16	56094.58203	56098.59332	56093.97266	504928.5	5407965.4
L4930.0	504928.5	5407966.6	10110.70020	295.50	105.03	48.824660	-86.932853	56096.36	56248.1	1.92	56098.28	56094.73828	56098.42231	56093.85547	504928.5	5407966.6
L4930.0	504928.5	5407966.6	10110.79981	295.06	105.03	48.824660	-86.932853	56095.88	56248.1	1.92	56097.80	56094.28906	56098.09229	56093.57813	504928.5	5407966.6
L4930.0	504928.5	5407968.2	10110.90039	293.64	105.19	48.824675	-86.932853	56095.38	56248.1	1.92	56097.30	56093.82422	56097.76051	56093.29688	504928.5	5407968.2
L4930.0	504928.5	5407969.5	10111.00000	293.86	106.52	48.824687	-86.932853	56095.64	56248.1	1.92	56097.56	56094.11719	56097.62540	56093.21484	504928.5	5407969.5
L4930.0	504928.6	5407971.0	10111.09961	291.46	105.36	48.824700	-86.932852	56095.63	56248.1	1.92	56097.55	56094.13672	56097.41308	56093.05469	504928.6	5407971.0
L4930.0	504928.6	5407972.4	10111.20020	290.75	105.36	48.824713	-86.932852	56094.75	56248.1	1.92	56096.67	56093.28906	56097.00063	56092.69141	504928.6	5407972.4
L4930.0	504928.6	5407972.4	10111.20020	290.75	105.76	48.824713	-86.932852	56094.77	56248.1	1.92	56096.69	56093.34375	56096.78990	56092.53516	504928.6	5407972.4
L4930.0	504928.6	5407973.8	10111.40039	289.29	106.35	48.824725	-86.932852	56094.52	56248.1	1.92	56096.44	56093.12500	56096.51856	56092.31641	504928.6	5407973.8
L4930.0	504928.6	5407975.2	10111.50000	291.41	106.35	48.824738	-86.932851	56093.38	56248.1	1.93	56095.30	56092.01563	56096.11533	56091.96484	504928.6	5407975.2
L4930.0	504928.6	5407976.7	10111.59961	290.83	106.69	48.824751	-86.932851	56093.98	56248.1	1.93	56095.91	56092.65625	56095.96667	56091.86719	504928.6	5407976.7
L4930.0	504928.6	5407976.7	10111.70020	293.21	107.47	48.824751	-86.932851	56093.53	56248.1	1.93	56095.45	56092.22656	56095.67080	56091.62109	504928.6	5407976.7
L4930.0	504928.7	5407978.3	10111.79981	292.40	107.33	48.824766	-86.932851	56093.62	56248.1	1.93	56095.54	56092.34766	56095.41766	56091.42188	504928.7	5407978.3
L4930.0	504928.7	5407980.5	10111.90039	292.72	106.96	48.824785	-86.932851	56093.00	56248.1	1.93	56094.93	56091.76563	56095.11717	56091.17188	504928.7	5407980.5

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4930.0	504928.7	5407980.5	10112.00000	291.38	106.96	48.824785	-86.932851	56092.88	56248.1	1.93	56094.81	56091.67578	56094.83623	56090.94141	504928.7	5407980.5
L4930.0	504928.7	5407981.9	10112.09961	289.72	105.35	48.824799	-86.932851	56092.44	56248.1	1.93	56094.37	56091.26563	56094.54791	56090.70313	504928.7	5407981.9
L4930.0	504928.7	5407983.3	10112.20020	289.01	105.35	48.824811	-86.932851	56092.32	56248.1	1.93	56094.25	56091.17578	56094.25468	56090.46094	504928.7	5407983.3
L4930.0	504928.7	5407984.8	10112.29981	287.20	106.19	48.824824	-86.932851	56091.48	56248.1	1.93	56093.41	56090.36328	56093.98293	56090.24219	504928.7	5407984.8
L4930.0	504928.7	5407986.0	10112.40039	284.43	104.32	48.824835	-86.932851	56091.23	56248.1	1.93	56093.16	56090.14063	56093.69345	56090.00000	504928.7	5407986.0
L4930.0	504928.7	5407987.0	10112.50000	284.13	100.69	48.824844	-86.932851	56091.89	56248.1	1.93	56093.82	56090.82813	56093.34338	56089.70313	504928.7	5407987.0
L4930.0	504928.7	5407988.4	10112.59961	285.49	100.69	48.824856	-86.932851	56090.54	56248.1	1.93	56092.47	56089.50391	56093.12615	56089.53516	504928.7	5407988.4
L4930.0	504928.7	5407989.8	10112.70020	285.41	99.97	48.824869	-86.932851	56090.04	56248.1	1.93	56091.97	56089.03125	56092.86100	56089.32031	504928.7	5407989.8
L4930.0	504928.7	5407989.8	10112.79981	287.28	104.83	48.824869	-86.932851	56090.09	56248.1	1.93	56092.02	56089.10938	56092.54317	56089.05078	504928.7	5407989.8
L4930.0	504928.7	5407991.5	10112.90039	287.91	105.04	48.824884	-86.932851	56090.20	56248.1	1.93	56092.13	56089.24219	56092.20586	56088.76563	504928.7	5407991.5
L4930.0	504928.7	5407992.6	10113.00000	287.23	105.04	48.824895	-86.932851	56089.84	56248.1	1.93	56091.77	56088.91016	56091.92108	56088.52734	504928.7	5407992.6
L4930.0	504928.7	5407993.8	10113.09961	289.41	102.33	48.824905	-86.932851	56089.82	56248.1	1.93	56091.75	56088.91406	56091.57724	56088.23438	504928.7	5407993.8
L4930.0	504928.7	5407995.5	10113.20020	289.92	105.03	48.824920	-86.932851	56089.58	56248.1	1.93	56091.51	56088.69922	56091.25801	56087.96484	504928.7	5407995.5
L4930.0	504928.7	5407996.9	10113.20020	289.92	104.45	48.824933	-86.932851	56089.36	56248.1	1.93	56091.29	56088.50000	56090.92507	56087.67969	504928.7	5407996.9
L4930.0	504928.7	5407996.9	10113.40039	290.90	104.45	48.824933	-86.932851	56088.55	56248.1	1.94	56090.49	56087.72656	56090.71735	56087.51953	504928.7	5407996.9
L4930.0	504928.7	5407998.4	10113.50000	291.67	103.79	48.824947	-86.932851	56088.32	56248.1	1.94	56090.26	56087.51563	56090.37835	56087.23047	504928.7	5407998.4
L4930.0	504928.7	5407999.8	10113.59961	290.68	105.14	48.824959	-86.932850	56088.04	56248.1	1.94	56089.98	56087.25781	56090.04474	56086.94531	504928.7	5407999.8
L4930.0	504928.7	5408001.2	10113.70020	290.16	106.92	48.824972	-86.932850	56087.82	56248.1	1.94	56089.76	56087.06250	56089.68974	56086.63672	504928.7	5408001.2
L4930.0	504928.7	5408001.2	10113.79981	288.77	102.89	48.824972	-86.932850	56086.57	56248.1	1.95	56088.51	56085.83203	56089.64305	56086.63672	504928.7	5408001.2
L4930.0	504928.7	5408002.8	10113.90039	286.09	102.89	48.824986	-86.932850	56085.76	56248.1	1.95	56087.71	56085.05469	56089.47892	56086.51953	504928.7	5408002.8
L4930.0	504928.7	5408004.3	10114.00000	285.77	105.28	48.825000	-86.932850	56086.53	56248.1	1.95	56088.48	56085.84375	56088.81839	56085.90625	504928.7	5408004.3
L4930.0	504928.7	5408005.2	10114.09961	283.16	107.18	48.825007	-86.932850	56085.79	56248.1	1.95	56087.74	56085.12500	56088.64183	56085.77734	504928.7	5408005.2
L4930.0	504928.7	5408006.8	10114.20020	283.83	105.87	48.825022	-86.932850	56085.94	56248.1	1.95	56087.89	56085.29297	56088.17637	56085.35938	504928.7	5408006.8
L4930.0	504928.7	5408008.2	10114.29981	282.47	105.87	48.825035	-86.932850	56084.93	56248.1	1.94	56086.87	56084.29297	56088.10085	56085.32813	504928.7	5408008.2
L4930.0	504928.7	5408008.2	10114.40039	283.93	106.78	48.825035	-86.932850	56084.88	56248.1	1.94	56086.82	56084.26172	56087.70409	56084.97656	504928.7	5408008.2
L4930.0	504928.7	5408009.9	10114.50000	284.82	104.87	48.825050	-86.932850	56084.88	56248.1	1.94	56086.82	56084.27734	56087.29189	56084.60938	504928.7	5408009.9
L4930.0	504928.7	5408010.8	10114.59961	283.83	103.5	48.825058	-86.932850	56085.06	56248.1	1.94	56086.99	56084.46484	56086.82830	56084.19141	504928.7	5408010.8
L4930.0	504928.7	5408012.5	10114.70020	286.88	102.41	48.825074	-86.932850	56084.56	56248.1	1.94	56086.49	56083.98047	56086.57610	56083.98438	504928.7	5408012.5
L4930.0	504928.7	5408014.0	10114.79981	287.52	102.41	48.825087	-86.932850	56084.22	56248.1	1.93	56086.15	56083.65625	56086.26951	56083.72266	504928.7	5408014.0
L4930.0	504928.7	5408015.4	10114.90039	288.20	102.1	48.825099	-86.932850	56083.62	56248.1	1.93	56085.55	56083.07422	56086.02856	56083.52344	504928.7	5408015.4
L4930.0	504928.7	5408016.8	10115.00000	290.52	103.19	48.825112	-86.932850	56082.88	56248.1	1.93	56084.81	56082.34766	56085.80606	56083.34766	504928.7	5408016.8
L4930.0	504928.7	5408017.7	10115.09961	289.11	103.19	48.825120	-86.932850	56083.01	56248.1	1.93	56084.94	56082.49219	56085.37039	56082.95313	504928.7	5408017.7
L4930.0	504928.7	5408017.7	10115.20020	289.78	103.38	48.825120	-86.932850	56082.53	56248.1	1.93	56084.46	56082.02734	56085.07218	56082.69922	504928.7	5408017.7
L4930.0	504928.7	5408019.2	10115.20020	289.78	104.03	48.825133	-86.932850	56082.15	56248.1	1.93	56084.08	56081.66016	56084.74706	56082.41406	504928.7	5408019.2
L4930.0	504928.7	5408020.6	10115.40039	291.30	105	48.825146	-86.932850	56082.18	56248.1	1.93	56084.11	56081.70313	56084.36868	56082.07813	504928.7	5408020.6
L4930.0	504928.7	5408021.7	10115.50000	290.78	105	48.825156	-86.932850	56081.71	56248.1	1.93	56083.64	56081.24219	56084.05440	56081.80469	504928.7	5408021.7
L4930.0	504928.7	5408022.7	10115.59961	291.70	101.5	48.825165	-86.932850	56081.82	56248.1	1.92	56083.74	56081.35547	56083.69899	56081.49219	504928.7	5408022.7
L4930.0	504928.7	5408024.1	10115.70020	290.96	101.27	48.825178	-86.932850	56081.04	56248.1	1.92	56082.96	56080.58594	56083.38854	56081.22266	504928.7	5408024.1
L4930.0	504928.7	5408025.3	10115.79981	291.55	101.27	48.825189	-86.932849	56081.06	56248.1	1.92	56082.99	56080.62500	56083.05126	56080.92578	504928.7	5408025.3
L4930.0	504928.8	5408026.9	10115.90039	291.24	103.64	48.825203	-86.932849	56080.42	56248.1	1.92	56082.34	56079.98438	56082.71713	56080.63281	504928.8	5408026.9
L4930.0	504928.8	5408026.9	10116.00000	289.37	101.38	48.825203	-86.932849	56079.92	56248.1	1.92	56081.84	56079.49609	56082.37718	56080.33203	504928.8	5408026.9
L4930.0	504928.8	5408029.1	10116.09961	288.93	101.38	48.825223	-86.932849	56079.87	56248.1	1.92	56081.79	56079.45313	56082.05007	56080.04297	504928.8	5408029.1
L4930.0	504928.8	5408029.7	10116.20020	288.09	104.48	48.825229	-86.932848	56079.32	56248.1	1.92	56081.24	56078.91016	56081.70755	56079.73828	504928.8	5408029.7
L4930.0	504928.8	5408030.9	10116.29981	289.13	104.16	48.825239	-86.932848	56079.19	56248.1	1.93	56081.11	56078.78906	56081.38121	56079.45313	504928.8	5408030.9
L4930.0	504928.8	5408032.4	10116.40039	290.91	104.16	48.825252	-86.932848	56078.66	56248.1	1.93	56080.59	56078.27344	56081.04133	56079.14844	504928.8	5408032.4
L4930.0	504928.8	5408033.8	10116.50000	290.45	103.36	48.825265	-86.932848	56077.92	56248.1	1.93	56079.85	56077.53906	56080.69768	56078.84375	504928.8	5408033.8
L4930.0	504928.8	5408033.8	10116.59961	290.32	103.36	48.825265	-86.932848	56077.98	56248.1	1.93	56079.91	56077.60547	56080.37717	56078.55859	504928.8	5408033.8
L4930.0	504928.8	5408035.2	10116.70020	289.64	104.38	48.825277	-86.932848	56078.16	56248.1	1.93	56080.09	56077.78906	56080.05064	56078.26953	504928.8	5408035.2
L4930.0	504928.9	5408036.1	10116.79981	292.48	103.71	48.825286	-86.932848	56077.29	56248.1	1.94	56079.22	56076.92578	56079.70978	56077.96484	504928.9	5408036.1
L4930.0	504928.9	5408037.6	10116.90039	290.49	104.07	48.825299	-86.932847	56077.44	56248.1	1.94	56079.38	56077.08594	56079.36775	56077.65625	504928.9	5408037.6
L4930.0	504928.9	5408039.2	10117.00000	292.95	107.26	48.825314	-86.932847	56076.77	56248.1	1.94	56078.71	56076.42188	56079.02596	56077.35156	504928.9	5408039.2
L4930.0	504928.9	5408039.2	10117.09961	291.40	107.26	48.825314	-86.932847	56076.78	56248.1	1.94	56078.72	56076.43359	56078.66612	56077.02344	504928.9	5408039.2
L4930.0	504928.9	5408041.1	10117.20020	290.87	107.26	48.825331	-86.932847	56075.95	56248.1	1.94	56077.88	56075.59375	56078.32436	56076.71875	504928.9	5408041.1
L4930.0	504928.9	5408042.6	10117.20020	290.87	104.3	48.825344	-86.932847	56076.28	56248.1	1.94	56078.22	56075.93359	56077.93156	56076.35938	504928.9	5408042.6
L4930.0	504928.9	5408043.7	10117.40039	288.30	102.65	48.825354	-86.932847	56075.62	56248.1	1.93	56077.55	56075.26563	56077.57361	56076.03516	504928.9	5408043.7
L4930.0	504928.9	5408045.0	10117.50000	287.25	102.65	48.825366	-86.932847	56074.66	56248.1	1.93	56076.59	56074.30469	56077.23060	56075.72266	504928.9	5408045.0
L4930.0	504928.9	5408046.7	10117.59961	286.97	113.44	48.825381	-86.932847	56074.54	56248.1	1.93	56076.46	56074.17188	56076.83533	56075.35938	504928.9	5408046.7
L4930.0	504928.9	5408046.7	10117.70020	288.47	99.48	48.825381	-86.932847	56074.64	56248.1	1.93	56076.57	56074.28125	56076.41403	56074.96875	504928.9	5408046.7
L4930.0	504928.8	5408048.0	10117.79981	288.38	99.48	48.825393	-86.932848	56073.90	56248.1	1.92	56075.82	56073.53125	56076.04989	56074.63672	504928.8	5408048.0
L4930.0	504928.8	5408049.2	10117.90039	288.93	111.82	48.825404	-86.932848	56072.46	56248.1	1.92	56074.38	56072.08594	56075.74890	56074.36719	504928.8	5408049.2
L4930.0	504928.8	5408050.6	10118.00000	288.42	107.96	48.825416	-86.932848	56072.81	56248.1	1.92	56074.73	56072.43359	56075.29027	56073.93750	504928.8	5408050.6
L4930.0	504928.8	5408051.9	10118.09961	289.22	107.96	48.825427	-86.932848	56072.26	56248.1	1.92	56074.18	56071.87891	56074.91224	56073.58984	504928.8	5408051.9
L4930.0	504928.8	5408053.5	10118.20020	291.73	100.84	48.825442	-86.932848	56072.58	56248.1	1.92	56074.50	56072.19531	56074.42952	56073.13672	504928.8	5408053.5
L4930.0	504928.8	5408053.5	10118.29981	289.73	102.68	48.825442	-86.932848	56071.63	56248.1	1.92	56073.55	56071.23828	56074.09687	56072.83203	504928.8	5408053.5
L4930.0	504928.8	5408054.9	10118.40039	290.66	103	48.825454	-86.932848	56070.94	56248.1	1.92	56072.86	56070.54297	56073.73840	56072.50000	504928.8	5408054.9
L4930.0	504928.8	5408056.3	10118.50000	288.65	103	48.825468	-86.932848	56070.95	56248.1	1.92	56072.86	56070.53516	56073.26866	56072.05859	504928.8	5408056.3
L4930.0	504928.8	5408058.0	10118.59961	290.46	104.27	48.825483	-86.932848	56070.16	56248.1	1.92	56072.08	56069.75000	56072.93017	56071.74609	504928.8	5408058.0
L4930.0	504928.8	5408059.2	10118.70020	289.79	104.17	48.825493	-86.932848	56070.14	56248.1	1.92	56072.06	56069.71875	56072.44304	56071.28516	504928.8	5408059.2
L4930.0	504928.8	5408059.2	10118.79981	288.18	104.17	48.825493	-86.932848	56068.79	56248.1	1.92	56070.71	56068.36328	56072.25064	56071.11719	504928.8	5408059.2
L4930.0	504928.8	5408060.6	10118.90039	288.41	104.14	48.825506	-86.932848	56068.32	56248.1	1.92	56070.24	56067.88281	56071.87240	56070.76563	504928.8	5408060.6
L4930.0	504928.8	5408062.0	10119.00000	290.29	104.14	48.825519	-86.932848	56068.44	56248.1	1.92	56070.36	56067.99219	56071.32950	56070.24609	504928.8	5408062.0
L4930.0	504928.8	5408063.4	10119.09961	291.20	104.32	48.825531	-86.932848	56068.21	56248.1	1.92	56070.13	56067.75391	56070.86591	56069.80469	504928.8	5408063.4
L4930.0	504928.8	5408064.4	10119.20020	290.83	105.37	48.825541	-86.932848	56067.96	56248.1	1.91	56069.87	56067.48047	56070.39933	56069.36328	504928.8	5408064.4
L4930.0	504928.8	5408065.5	10119.20020	290.83	105.37	48.825551	-86.932848	56067.07	56248.1	1.91	56068.98	56066.57813	56070.17595	56069.16016	504928.8	5408065.5
L4930.0	504928.8	5408066.8	10119.40039	289.34	108.21	48.825562	-86.932848	56066.92	56248.1	1.90	56068.83	56066.41797	56069.89624	56068.90234	504928.8	5408066.8
L4930.0	504928.8	5408068.2	10119.50000	286.50	106.59	48.825575	-86.932848	56066.42	56248.1	1.90	56068.32	56065.89453	56069.46236	56068.49219	504928.8	5408068.2
L4930.0	504928.8	5408069.2	10119.59961	285.30	106.59	48.825583	-86.932848	56065.98	56248.1	1.90	56067.88	56065.44141	56069.05415	56068.10547	504928.8	5408069.2
L4930.0	504928.7	5408070.3	10119.70020	284.96	111.97	48.825594	-86.932849	56065.56	56248.1	1.89	56067.45	56064.99609	56068.64607	56067.71484	504928.7	5408070.3
L4930.0	504928.7	5408071.8	10119.79981	285.21	116	48.825607	-86.932849	56065.22	56248.1	1.89	56067.11	56064.64063	56068.26952	56067.35938	504928.7	5408071.8
L4930.0	504928.7	5408071.8	10119.90039	285.50	116	48.825607	-86.932849	56064.22	56248.1	1.88	56066.10	56063.61719	56067.62193	56066.73047	504928.7	5408071.8
L4930.0	504928.7	5408073.6	10120.00000	284.35	108.9	48.825623	-86.932849	56063.68	56248.1	1.88	56065.56	56063.05859	56067.15556	56066.28125	504928.7	5408073.6
L4930.0	504928.7	5408075.0	10120.09961	282.86	109.82	48.825636	-86.932849	56063.08	56248.1	1.88	56064.96	56062.44141	56066.65838	56065.80469	504928.7	5408075.0
L4930.0	504928.7	5408076.6	10120.20020	283.81	110.45	48.825650	-86.932849	56062.54	56248.1	1.88	56064.42	56061.88672	56066.17755	56065.33984	504928.7	5408076.6
L4930.0	504928.7	5408076.6	10120.29981	285.24	110.45	48.825650	-86.932849	56061.86	56248.1	1.88	56063.74	56061.18750	56065.63044	56064.80859	504928.7	5408076.6
L4930.0	504928.7	5408078.1	10120.40039	286.49	109.22	48.825663	-86.932849	56061.45	56248.1	1.88	56063.33	56060.75781	56065.18677	56064.37891	504928.7	5408078.1
L4930.0	504928.7	5408079.1	10120.50000	290.37	102.5	48.825672	-86.932850	56061.31	56248.1	1.88	56063.18	56060.58984	56064.69511	56063.90234	504928.7	5408079.1
L4930.0	504928.6	5408081.6	10120.59961	290.91	102.5	48.825695	-86.932850	56060.70	56248.1	1.87	56062.57	56059.96094	56064.23201	56063.45703	504928.6	5408081.6
L4930.0	504928.6	5408081.6	10120.70020	292.13	107.11	48.825695	-86.932850	56060.14	56248.1	1.87	56062.02	56059.39063	56063.74181	56062.98047	504928.6	5408081.6
L4930.0	504928.6	5408083.0	10120.79981	291.31	107.11	48.825708	-86.932851	56059.41	56248.1	1.87	56061.29	56058.64063	56063.28530	56062.53516	504928.6	5408083.0
L4930.0	504928.6	5408084.0	10120.90039	290.59	105.4	48.825717	-86.932851	56058.77	56248.1	1.87	56060.64	56057.96875	56062.79594	56062.05859	504928.6	5408084.0
L4930.0	504928.5	5408085.4	10121.00000	288.95	105.4	48.825730	-86.932851	56058.63	56248.1	1.87	56060.50	56057.80469	56062.21362	56061.48828	504928.5	5408085.4
L4930.0	504928.5	5408085.4	10121.09961	288.11	103.87	48.825730	-86.932851	56058.32	56248.1	1.87	56060.19	56057.47266	56061.67618	56060.96094	504928.5	5408085.4
L4930.0	504928.5	5408086.8	10121.20020	288.90	103.87	48.825742	-86.932851	56057.41	56248.1	1.87	56059.28	56056.53906	56061.21191	56060.50781	504928.5	5408086.8

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4930.0	504928.5	5408086.8	10121.20020	288.90	103.87	48.825742	-86.932851	56056.95	56248.1	1.87	56058.82	56056.05469	56060.69213	56060.00000	504928.5	5408086.8
L4930.0	504928.5	5408088.4	10121.40039	286.98	102.99	48.825756	-86.932852	56056.52	56248.1	1.87	56058.39	56055.60156	56060.17517	56059.49219	504928.5	5408088.4
L4930.0	504928.5	5408091.2	10121.50000	289.03	105.28	48.825782	-86.932852	56056.15	56248.1	1.87	56058.01	56055.19531	56059.66239	56058.98828	504928.5	5408091.2
L4930.0	504928.4	5408092.2	10121.59961	291.34	105.01	48.825790	-86.932852	56055.58	56248.1	1.86	56057.45	56054.60938	56059.15941	56058.49219	504928.4	5408092.2
L4930.0	504928.4	5408093.1	10121.70020	292.47	108.49	48.825799	-86.932853	56054.98	56248.1	1.86	56056.84	56053.97656	56058.65728	56057.99609	504928.4	5408093.1
L4930.0	504928.4	5408094.6	10121.79981	294.16	108.49	48.825812	-86.932853	56054.78	56248.1	1.86	56056.64	56053.75000	56058.15929	56057.50391	504928.4	5408094.6
L4930.0	504928.4	5408095.7	10121.90039	295.76	114.5	48.825822	-86.932853	56054.18	56248.1	1.86	56056.04	56053.12109	56057.66192	56057.01172	504928.4	5408095.7
L4930.0	504928.4	5408096.9	10122.00000	293.73	116.92	48.825833	-86.932853	56053.28	56248.1	1.86	56055.14	56052.19531	56057.15897	56056.51563	504928.4	5408096.9
L4930.0	504928.4	5408098.4	10122.09961	291.38	116.92	48.825846	-86.932853	56052.91	56248.1	1.86	56054.77	56051.79688	56056.66839	56056.02734	504928.4	5408098.4
L4930.0	504928.4	5408099.6	10122.20020	289.49	109.06	48.825857	-86.932853	56052.57	56248.1	1.85	56054.43	56051.42578	56056.17999	56055.54297	504928.4	5408099.6
L4930.0	504928.4	5408099.6	10122.29981	289.86	106.71	48.825857	-86.932853	56051.92	56248.2	1.85	56053.77	56050.73828	56055.68509	56055.05078	504928.4	5408099.6
L4930.0	504928.4	5408101.3	10122.40039	289.42	106.71	48.825872	-86.932854	56051.95	56248.2	1.84	56053.79	56050.72656	56055.19991	56054.57031	504928.4	5408101.3
L4930.0	504928.3	5408103.0	10122.50000	290.17	116.99	48.825887	-86.932854	56050.91	56248.2	1.84	56052.75	56049.65625	56054.69852	56054.07031	504928.3	5408103.0
L4930.0	504928.3	5408104.4	10122.59961	290.26	116.93	48.825900	-86.932854	56050.00	56248.2	1.84	56051.84	56048.71484	56054.20146	56053.57031	504928.3	5408104.4
L4930.0	504928.3	5408104.4	10122.70020	291.42	116.93	48.825900	-86.932854	56049.39	56248.2	1.83	56051.22	56048.06641	56053.70523	56053.07422	504928.3	5408104.4
L4930.0	504928.3	5408106.1	10122.79981	290.14	101.3	48.825915	-86.932854	56049.88	56248.2	1.83	56051.70	56048.51172	56053.19297	56052.56250	504928.3	5408106.1
L4930.0	504928.3	5408107.7	10122.90039	289.00	101.3	48.825930	-86.932855	56047.46	56248.2	1.82	56049.29	56046.07031	56052.72012	56052.08984	504928.3	5408107.7
L4930.0	504928.3	5408107.7	10123.00000	286.85	98.83	48.825930	-86.932855	56048.00	56248.2	1.82	56049.82	56046.56641	56052.19212	56051.55859	504928.3	5408107.7
L4930.0	504928.3	5408109.5	10123.09961	285.13	101	48.825946	-86.932855	56047.09	56248.2	1.82	56048.91	56045.62500	56051.68861	56051.05078	504928.3	5408109.5
L4930.0	504928.2	5408111.0	10123.20020	284.73	101	48.825959	-86.932855	56047.29	56248.2	1.82	56049.11	56045.78906	56051.15022	56050.50781	504928.2	5408111.0
L4930.0	504928.2	5408112.2	10123.20020	284.73	106.55	48.825971	-86.932855	56045.82	56248.2	1.82	56047.64	56044.28516	56050.64769	56050.00000	504928.2	5408112.2
L4930.0	504928.2	5408112.2	10123.40039	288.99	106.7	48.825971	-86.932855	56045.12	56248.2	1.82	56046.94	56043.55078	56050.11630	56049.46484	504928.2	5408112.2
L4930.0	504928.2	5408113.9	10123.50000	288.83	106.7	48.825986	-86.932856	56044.84	56248.2	1.82	56046.66	56043.23828	56049.57104	56048.91406	504928.2	5408113.9
L4930.0	504928.2	5408115.4	10123.59961	292.09	111.63	48.825999	-86.932856	56044.38	56248.2	1.82	56046.20	56042.74219	56049.02510	56048.35938	504928.2	5408115.4
L4930.0	504928.2	5408116.8	10123.70020	291.16	111.63	48.826012	-86.932856	56043.09	56248.2	1.82	56044.91	56041.41406	56048.47056	56047.80078	504928.2	5408116.8
L4930.0	504928.2	5408118.3	10123.79981	289.81	110.61	48.826025	-86.932856	56042.92	56248.2	1.82	56044.74	56041.20703	56047.92406	56047.24219	504928.2	5408118.3
L4930.0	504928.2	5408118.3	10123.90039	289.07	108.38	48.826025	-86.932856	56042.51	56248.2	1.82	56044.33	56040.76172	56047.38230	56046.69141	504928.2	5408118.3
L4930.0	504928.2	5408119.9	10124.00000	288.95	108.38	48.826039	-86.932856	56041.68	56248.2	1.82	56043.50	56039.89453	56046.83201	56046.13281	504928.2	5408119.9
L4930.0	504928.2	5408121.1	10124.09961	288.27	107.35	48.826050	-86.932856	56041.29	56248.2	1.82	56043.11	56039.46484	56046.30881	56045.59766	504928.2	5408121.1
L4930.0	504928.2	5408122.8	10124.20020	289.08	107.35	48.826065	-86.932856	56040.56	56248.2	1.81	56042.38	56038.69922	56045.78168	56045.06250	504928.2	5408122.8
L4930.0	504928.2	5408124.6	10124.29981	290.05	105.53	48.826082	-86.932856	56040.34	56248.2	1.81	56042.15	56038.42969	56045.29753	56044.56250	504928.2	5408124.6
L4930.0	504928.2	5408124.6	10124.40039	290.19	105.53	48.826082	-86.932856	56039.40	56248.2	1.81	56041.21	56037.44922	56044.79560	56044.05078	504928.2	5408124.6
L4930.0	504928.2	5408125.9	10124.50000	292.67	100.02	48.826093	-86.932856	56038.57	56248.2	1.81	56040.37	56036.57031	56044.32598	56043.56641	504928.2	5408125.9
L4930.0	504928.2	5408127.7	10124.59961	294.90	100.02	48.826110	-86.932855	56038.52	56248.2	1.80	56040.32	56036.48047	56043.90921	56043.13281	504928.2	5408127.7
L4930.0	504928.2	5408129.7	10124.70020	292.66	105.05	48.826128	-86.932855	56037.56	56248.2	1.80	56039.35	56035.47266	56043.49283	56042.70313	504928.2	5408129.7
L4930.0	504928.2	5408129.7	10124.79981	291.37	105.05	48.826128	-86.932855	56037.15	56248.2	1.80	56038.94	56035.01953	56043.11141	56042.30469	504928.2	5408129.7
L4930.0	504928.2	5408131.1	10124.90039	291.48	105.17	48.826141	-86.932855	56036.52	56248.2	1.79	56038.31	56034.35156	56042.75778	56041.93359	504928.2	5408131.1
L4930.0	504928.3	5408132.6	10125.00000	291.86	105.17	48.826154	-86.932855	56036.44	56248.2	1.79	56038.23	56034.22656	56042.39513	56041.55469	504928.3	5408132.6
L4930.0	504928.3	5408132.6	10125.09961	291.41	114.16	48.826154	-86.932855	56035.02	56248.2	1.79	56036.81	56032.76563	56042.16547	56041.30469	504928.3	5408132.6
L4930.0	504928.3	5408135.5	10125.20020	290.27	114.16	48.826180	-86.932854	56035.15	56248.2	1.78	56036.93	56032.84375	56041.80451	56040.92578	504928.3	5408135.5
L4930.0	504928.3	5408135.5	10125.20020	290.27	114.16	48.826180	-86.932854	56034.59	56248.2	1.78	56036.38	56032.25391	56041.53389	56040.63672	504928.3	5408135.5
L4930.0	504928.3	5408137.4	10125.40039	285.64	114.16	48.826197	-86.932854	56034.14	56248.2	1.77	56035.92	56031.75000	56041.26226	56040.34375	504928.3	5408137.4
L4930.0	504928.3	5408137.4	10125.50000	284.31	107.7	48.826197	-86.932854	56033.66	56248.2	1.77	56035.43	56031.21875	56041.00625	56040.06641	504928.3	5408137.4
L4930.0	504928.3	5408139.1	10125.59961	283.64	108.71	48.826212	-86.932854	56033.16	56248.2	1.77	56034.92	56030.66406	56040.76247	56039.80078	504928.3	5408139.1
L4930.0	504928.3	5408140.7	10125.70020	286.12	108.71	48.826227	-86.932854	56032.57	56248.2	1.76	56034.33	56030.03125	56040.54973	56039.56250	504928.3	5408140.7
L4930.0	504928.3	5408142.2	10125.79981	284.81	110.09	48.826240	-86.932854	56031.84	56248.2	1.76	56033.60	56029.25781	56039.89031	56038.87891	504928.3	5408142.2
L4930.0	504928.3	5408143.7	10125.90039	284.68	110.09	48.826253	-86.932854	56031.46	56248.2	1.75	56033.21	56028.82422	56039.68066	56038.64453	504928.3	5408143.7
L4930.0	504928.3	5408143.7	10126.00000	285.12	106.08	48.826253	-86.932854	56031.46	56248.3	1.75	56033.21	56028.77734	56039.61460	56038.55469	504928.3	5408143.7
L4930.0	504928.3	5408145.1	10126.09961	284.74	106.08	48.826266	-86.932853	56030.47	56248.3	1.75	56032.22	56027.74609	56039.14438	56038.05859	504928.3	5408145.1
L4930.0	504928.3	5408147.0	10126.20020	284.61	106.08	48.826283	-86.932853	56029.43	56248.3	1.74	56031.17	56026.64844	56038.64496	56037.53125	504928.3	5408147.0
L4930.0	504928.3	5408147.0	10126.29981	283.60	114.95	48.826283	-86.932853	56029.56	56248.3	1.74	56031.30	56026.73438	56038.57666	56037.43750	504928.3	5408147.0
L4930.0	504928.3	5408148.4	10126.40039	283.79	115.34	48.826296	-86.932853	56028.63	56248.3	1.74	56030.36	56025.75000	56038.08834	56036.91797	504928.3	5408148.4
L4930.0	504928.3	5408149.9	10126.50000	284.63	115.59	48.826309	-86.932853	56028.37	56248.3	1.74	56030.11	56025.45313	56037.83738	56036.64063	504928.3	5408149.9
L4930.0	504928.3	5408149.9	10126.59961	288.52	115.59	48.826309	-86.932853	56028.37	56248.3	1.73	56030.10	56025.39844	56037.65502	56036.42578	504928.3	5408149.9
L4930.0	504928.3	5408151.5	10126.70020	290.84	115.64	48.826324	-86.932853	56028.07	56248.3	1.73	56029.79	56025.04297	56037.34495	56036.08594	504928.3	5408151.5
L4930.0	504928.4	5408153.5	10126.79981	291.83	115.64	48.826342	-86.932853	56027.14	56248.3	1.73	56028.86	56024.06641	56036.78458	56035.49219	504928.4	5408153.5
L4930.0	504928.4	5408154.9	10126.90039	288.42	115.64	48.826354	-86.932853	56027.06	56248.3	1.72	56028.78	56023.94141	56036.53171	56035.20703	504928.4	5408154.9
L4930.0	504928.4	5408154.9	10127.00000	288.51	105.76	48.826354	-86.932853	56026.58	56248.3	1.72	56028.30	56023.41406	56036.11173	56034.75391	504928.4	5408154.9
L4930.0	504928.4	5408156.3	10127.09961	287.49	107.56	48.826367	-86.932852	56026.17	56248.3	1.72	56027.89	56022.95703	56035.70633	56034.31641	504928.4	5408156.3
L4930.0	504928.4	5408157.5	10127.20020	288.69	107.56	48.826378	-86.932852	56026.32	56248.3	1.72	56028.04	56023.06250	56035.52419	56034.09766	504928.4	5408157.5
L4930.0	504928.4	5408159.1	10127.20020	288.69	107.99	48.826393	-86.932852	56026.17	56248.3	1.72	56027.89	56022.86328	56035.22287	56033.76172	504928.4	5408159.1
L4930.0	504928.5	5408160.8	10127.40039	287.02	107.99	48.826408	-86.932851	56025.71	56248.3	1.72	56027.43	56022.35938	56035.30816	56033.81250	504928.5	5408160.8
L4930.0	504928.5	5408160.8	10127.50000	287.80	105.95	48.826408	-86.932851	56025.14	56248.3	1.72	56026.86	56021.74219	56035.04909	56033.51563	504928.5	5408160.8
L4930.0	504928.5	5408161.8	10127.59961	286.42	105.95	48.826417	-86.932851	56025.31	56248.3	1.72	56027.03	56021.86328	56034.59088	56033.01953	504928.5	5408161.8
L4930.0	504928.5	5408163.0	10127.70020	288.32	113.02	48.826427	-86.932851	56024.50	56248.3	1.72	56026.22	56021.00781	56034.41196	56032.80078	504928.5	5408163.0
L4930.0	504928.5	5408164.6	10127.79981	287.79	113.02	48.826442	-86.932851	56024.15	56248.3	1.72	56025.87	56020.60938	56034.12144	56032.47266	504928.5	5408164.6
L4930.0	504928.5	5408166.0	10127.90039	287.83	113.67	48.826454	-86.932850	56024.52	56248.3	1.72	56026.24	56020.93359	56033.70234	56032.01172	504928.5	5408166.0
L4930.0	504928.6	5408167.5	10128.00000	287.68	113.66	48.826468	-86.932850	56023.39	56248.3	1.72	56025.11	56019.75391	56033.60081	56031.87109	504928.6	5408167.5
L4930.0	504928.6	5408167.5	10128.09961	288.09	113.66	48.826468	-86.932850	56023.84	56248.3	1.72	56025.56	56020.15625	56033.23732	56031.46484	504928.6	5408167.5
L4930.0	504928.6	5408168.9	10128.20020	290.77	113.22	48.826480	-86.932850	56024.07	56248.3	1.71	56025.78	56020.32813	56032.95808	56031.14453	504928.6	5408168.9
L4930.0	504928.6	5408169.8	10128.29981	290.71	104.39	48.826489	-86.932850	56023.39	56248.3	1.71	56025.10	56019.60156	56032.82828	56030.97266	504928.6	5408169.8
L4930.0	504928.6	5408171.3	10128.40039	288.78	104.34	48.826502	-86.932850	56023.54	56248.3	1.71	56025.25	56019.70703	56032.62292	56030.72266	504928.6	5408171.3
L4930.0	504928.6	5408172.7	10128.50000	288.12	104.34	48.826515	-86.932849	56023.44	56248.3	1.71	56025.14	56019.54688	56032.47764	56030.53516	504928.6	5408172.7
L4930.0	504928.6	5408174.2	10128.59961	289.13	105.7	48.826528	-86.932849	56023.44	56248.3	1.70	56025.14	56019.50000	56032.35218	56030.36328	504928.6	5408174.2
L4930.0	504928.6	5408175.2	10128.70020	292.34	101.88	48.826537	-86.932849	56023.72	56248.3	1.70	56025.42	56019.73047	56032.24103	56030.20703	504928.6	5408175.2
L4930.0	504928.6	5408176.4	10128.79981	292.08	101.88	48.826547	-86.932849	56023.19	56248.3	1.70	56024.88	56019.14453	56032.21392	56030.13281	504928.6	5408176.4
L4930.0	504928.6	5408177.6	10128.90039	291.85	102.74	48.826559	-86.932849	56023.21	56248.3	1.69	56024.90	56019.11719	56032.18448	56030.05469	504928.6	5408177.6
L4930.0	504928.6	5408177.6	10129.00000	291.89	108.96	48.826559	-86.932849	56023.54	56248.3	1.69	56025.23	56019.39844	56032.17455	56030.00000	504928.6	5408177.6
L4930.0	504928.6	5408179.3	10129.09961	290.81	108.96	48.826574	-86.932849	56023.34	56248.3	1.69	56025.03	56019.15234	56032.21928	56029.99609	504928.6	5408179.3
L4930.0	504928.6	5408181.2	10129.20020	290.05	110.18	48.826591	-86.932849	56023.77	56248.3	1.69	56025.46	56019.53516	56032.27092	56029.99609	504928.6	5408181.2
L4930.0	504928.6	5408182.2	10129.20020	290.05	110.18	48.826600	-86.932849	56023.59	56248.3	1.69	56025.28	56019.30859	56032.37615	56030.05078	504928.6	5408182.2
L4930.0	504928.6	5408182.2	10129.29981	291.13	110.14	48.826600	-86.932849	56023.74	56248.3	1.69	56025.43	56019.41016	56032.50045	56030.12500	504928.6	5408182.2
L4930.0	504928.6	5408185.1	10129.40039	291.61	110.14	48.826626	-86.932849	56023.82	56248.3	1.69	56025.51	56019.44531	56032.65674	56030.23047	504928.6	5408185.1
L4930.0	504928.6	5408185.1	10129.50000	290.76	102.54	48.826626	-86.932849	56024.53	56248.3	1.69	56026.22	56020.10547	56032.81063	56030.33203	504928.6	5408185.1
L4930.0	504928.6	5408186.6	10129.59961	288.68	102.31	48.826639	-86.932849	56025.16	56248.3	1.69	56026.85	56020.68750	56032.98696	56030.45703	504928.6	5408186.6
L4930.0	504928.6	5408188.1	10129.70020	288.32	102.31	48.826653	-86.932849	56024.63	56248.3	1.69	56026.32	56020.11328	56033.26065	56030.67578	504928.6	5408188.1
L4930.0	504928.6	5408189.5	10129.79981	286.96	104.93	48.826666	-86.932849	56024.86	56248.3	1.69	56026.55	56020.29688	56033.52323	56030.88672	504928.6	5408189.5
L4930.0	504928.6	5408189.5	10130.00000	288.36	104.93	48.826666	-86.932849	56024.76	56248.3	1.69	56026.45	56020.14844	56033.84984	56031.15625	504928.6	5408189.5
L4930.0	504928.6	5408191.0	10130.00000	288.36	106.28	48.826679	-86.932848	56025.01	56248.3	1.69	56026.70	56020.35156	56034.18406	56031.43750	504928.6	5408191.0
L4930.0	504928.7	5408193.8	10130.20020	288.53	106.28	48.826705	-86.932848	56026.07	56248.3	1.68	56027.75	56021.35547	56034.44737	56031.64453	504928.7	5408193.8
L4930.0	504928.7	5408193.8	10130.20020	288.53	106.46	48.826705	-86.932848	56026.45	56248.3	1.68	56028.13	56021.69141	56034.80947	56031.94922	504928.7	5408193.8
L4930.0	504928.7	5408195.0	10130.40039	288.15	106.46	48.826715	-86.932848	56025.87	56248.3	1.67	56027.54	56021.05469	56035.36565	56032.44922	504928.7	5408195.0
L4930.0	504928.7	5408196.7	10130.50000	288.30	112.75	48.826730	-86.932848	56026.45	56248.3	1.67	56028.11	56021.57813	56035.75318	56032.78125	504928.7	5408196.7

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4930.0	504928.7	5408196.7	10130.59961	291.15	112.75	48.826730	-86.932848	56026.73	56248.3	1.66	56028.39	56021.81250	56036.21473	56033.18359	504928.7	5408196.7
L4930.0	504928.7	5408198.1	10130.70020	292.64	103.31	48.826743	-86.932848	56026.98	56248.3	1.65	56028.64	56022.01563	56036.70331	56033.61328	504928.7	5408198.1
L4930.0	504928.7	5408199.5	10130.79981	288.99	104.6	48.826756	-86.932848	56027.69	56248.3	1.65	56029.34	56022.67188	56037.08373	56033.93359	504928.7	5408199.5
L4930.0	504928.7	5408201.2	10130.90039	289.90	104.6	48.826771	-86.932848	56027.84	56248.4	1.64	56029.48	56022.76563	56037.63063	56034.42188	504928.7	5408201.2
L4930.0	504928.7	5408201.2	10131.00000	288.96	107.49	48.826771	-86.932848	56028.90	56248.4	1.64	56030.54	56023.78125	56037.89971	56034.62891	504928.7	5408201.2
L4930.0	504928.7	5408202.6	10131.09961	288.92	107.49	48.826784	-86.932848	56027.64	56248.4	1.64	56029.28	56022.47656	56037.31883	56033.98438	504928.7	5408202.6
L4930.0	504928.7	5408204.8	10131.20020	288.81	112.22	48.826803	-86.932847	56029.38	56248.4	1.64	56031.03	56024.17969	56038.33947	56034.94531	504928.7	5408204.8
L4930.0	504928.7	5408206.0	10131.20020	288.81	112.29	48.826814	-86.932847	56028.80	56248.4	1.64	56030.45	56023.55469	56038.37843	56034.92188	504928.7	5408206.0
L4930.0	504928.7	5408206.0	10131.40039	287.28	112.29	48.826814	-86.932847	56030.34	56248.4	1.65	56031.99	56025.05078	56039.27516	56035.75391	504928.7	5408206.0
L4930.0	504928.8	5408207.9	10131.50000	283.15	92.93	48.826831	-86.932847	56030.70	56248.3	1.65	56032.35	56025.36719	56039.67879	56036.09375	504928.8	5408207.9
L4930.0	504928.8	5408209.6	10131.59961	283.75	92.93	48.826847	-86.932846	56031.54	56248.3	1.65	56033.19	56026.16406	56040.26458	56036.61719	504928.8	5408209.6
L4930.0	504928.8	5408209.6	10131.70020	282.60	100.23	48.826847	-86.932846	56031.18	56248.3	1.65	56032.83	56025.76172	56040.36310	56036.64844	504928.8	5408209.6
L4930.0	504928.8	5408211.3	10131.79981	284.37	107.14	48.826862	-86.932846	56032.59	56248.3	1.66	56034.25	56027.13672	56041.16465	56037.38672	504928.8	5408211.3
L4930.0	504928.8	5408212.7	10131.90039	284.82	107.14	48.826874	-86.932846	56033.48	56248.3	1.66	56035.14	56027.98438	56041.74858	56037.90625	504928.8	5408212.7
L4930.0	504928.9	5408214.3	10132.00000	286.22	107.24	48.826889	-86.932845	56033.86	56248.3	1.66	56035.52	56028.32031	56042.12262	56038.21094	504928.9	5408214.3
L4930.0	504928.9	5408214.3	10132.09961	286.09	108.15	48.826889	-86.932845	56034.84	56248.3	1.66	56036.50	56029.25781	56042.73423	56038.75781	504928.9	5408214.3
L4930.0	504928.9	5408216.0	10132.20020	285.88	108.15	48.826904	-86.932845	56035.64	56248.3	1.66	56037.29	56030.00391	56043.26754	56039.22266	504928.9	5408216.0
L4930.0	504928.9	5408216.0	10132.29981	287.18	108.15	48.826904	-86.932845	56035.96	56248.3	1.65	56037.61	56030.28516	56043.60422	56039.49219	504928.9	5408216.0
L4930.0	504928.9	5408217.6	10132.40039	286.98	108.96	48.826919	-86.932845	56036.75	56248.3	1.65	56038.40	56031.03125	56044.13568	56039.95313	504928.9	5408217.6
L4930.0	504928.9	5408219.3	10132.50000	288.33	110.39	48.826933	-86.932844	56037.45	56248.3	1.65	56039.10	56031.69141	56045.05962	56040.80859	504928.9	5408219.3
L4930.0	504929.0	5408220.9	10132.59961	287.96	110.78	48.826948	-86.932844	56038.24	56248.4	1.65	56039.89	56032.43750	56045.51450	56041.19531	504929.0	5408220.9
L4930.0	504929.0	5408222.6	10132.70020	289.68	110.78	48.826963	-86.932844	56039.07	56248.4	1.65	56040.71	56033.21484	56045.97433	56041.58594	504929.0	5408222.6
L4930.0	504929.0	5408222.6	10132.79981	289.19	110.78	48.826963	-86.932844	56039.43	56248.4	1.64	56041.07	56033.53516	56046.58091	56042.12109	504929.0	5408222.6
L4930.0	504929.0	5408224.4	10132.90039	289.61	109.78	48.826980	-86.932844	56039.98	56248.4	1.64	56041.62	56034.04297	56047.14668	56042.61719	504929.0	5408224.4
L4930.0	504929.0	5408225.8	10133.00000	289.57	110.23	48.826993	-86.932843	56041.14	56248.4	1.64	56042.78	56035.16406	56047.58145	56042.98047	504929.0	5408225.8
L4930.0	504929.0	5408227.2	10133.09961	290.44	110.23	48.827005	-86.932843	56041.80	56248.4	1.64	56043.44	56035.78516	56048.16478	56043.48828	504929.0	5408227.2
L4930.0	504929.0	5408227.2	10133.20020	289.84	109.79	48.827005	-86.932843	56042.77	56248.4	1.64	56044.41	56036.71484	56048.69861	56043.95313	504929.0	5408227.2
L4930.0	504929.0	5408228.6	10133.20020	289.84	109.79	48.827018	-86.932843	56043.14	56248.4	1.64	56044.79	56037.05469	56049.38134	56044.56250	504929.0	5408228.6
L4930.0	504929.0	5408230.3	10133.40039	288.02	109.79	48.827032	-86.932843	56044.33	56248.4	1.65	56045.98	56038.20313	56049.90574	56045.01172	504929.0	5408230.3
L4930.0	504929.0	5408231.6	10133.50000	287.42	108.12	48.827045	-86.932843	56045.09	56248.3	1.65	56046.74	56038.92578	56050.53492	56045.56641	504929.0	5408231.6
L4930.0	504929.0	5408231.6	10133.59961	288.85	110.71	48.827045	-86.932843	56045.39	56248.3	1.65	56047.05	56039.19531	56051.26724	56046.22656	504929.0	5408231.6
L4930.0	504929.0	5408233.1	10133.70020	288.31	110.71	48.827058	-86.932843	56046.33	56248.3	1.65	56047.99	56040.09766	56051.87653	56046.76172	504929.0	5408233.1
L4930.0	504929.0	5408234.4	10133.79981	287.54	111.39	48.827070	-86.932843	56047.29	56248.3	1.66	56048.95	56041.01953	56052.48791	56047.29688	504929.0	5408234.4
L4930.0	504929.0	5408235.6	10133.90039	285.73	107.32	48.827081	-86.932843	56047.95	56248.3	1.66	56049.60	56041.62891	56053.16739	56047.89844	504929.0	5408235.6
L4930.0	504929.0	5408235.6	10134.00000	284.08	107.32	48.827081	-86.932843	56048.86	56248.3	1.66	56050.52	56042.51172	56053.79453	56048.44922	504929.0	5408235.6
L4930.0	504929.0	5408237.2	10134.09961	287.00	109.32	48.827095	-86.932843	56049.11	56248.3	1.66	56050.77	56042.72266	56054.55714	56049.13672	504929.0	5408237.2
L4930.0	504929.0	5408238.4	10134.20020	287.43	109.18	48.827106	-86.932844	56050.16	56248.3	1.66	56051.81	56043.72656	56055.16575	56049.66797	504929.0	5408238.4
L4930.0	504929.0	5408239.8	10134.29981	288.26	109.18	48.827118	-86.932843	56050.86	56248.3	1.65	56052.51	56044.39063	56055.84400	56050.26953	504929.0	5408239.8
L4930.0	504929.0	5408239.8	10134.40039	289.02	110.88	48.827118	-86.932843	56052.33	56248.3	1.65	56053.98	56045.82422	56056.38897	56050.73828	504929.0	5408239.8
L4930.0	504929.0	5408241.7	10134.50000	288.67	110.96	48.827135	-86.932843	56052.75	56248.3	1.65	56054.40	56046.20703	56057.12568	56051.39453	504929.0	5408241.7
L4930.0	504929.0	5408243.3	10134.59961	288.14	110.96	48.827150	-86.932844	56053.75	56248.4	1.65	56055.39	56047.16016	56057.77090	56051.96094	504929.0	5408243.3
L4930.0	504929.0	5408244.5	10134.70020	287.83	111.54	48.827160	-86.932844	56054.44	56248.4	1.65	56056.09	56047.82031	56058.46925	56052.58203	504929.0	5408244.5
L4930.0	504929.0	5408246.2	10134.79981	288.55	111.34	48.827175	-86.932844	56054.86	56248.4	1.64	56056.50	56048.19531	56059.21468	56053.24609	504929.0	5408246.2
L4930.0	504929.0	5408247.1	10134.90039	286.48	111.33	48.827184	-86.932844	56055.97	56248.4	1.64	56057.61	56049.26953	56059.86824	56053.82031	504929.0	5408247.1
L4930.0	504929.0	5408248.4	10135.00000	288.86	111.33	48.827195	-86.932844	56057.00	56248.4	1.64	56058.64	56050.26563	56060.54318	56054.41797	504929.0	5408248.4
L4930.0	504929.0	5408248.4	10135.09961	289.28	111.24	48.827195	-86.932844	56057.94	56248.4	1.64	56059.58	56051.16797	56061.23785	56055.03125	504929.0	5408248.4
L4930.0	504929.0	5408249.8	10135.20020	290.75	111.16	48.827208	-86.932844	56058.70	56248.4	1.64	56060.34	56051.89453	56061.96148	56055.67188	504929.0	5408249.8
L4930.0	504929.0	5408251.4	10135.20020	290.75	111.16	48.827222	-86.932843	56059.43	56248.4	1.64	56061.08	56052.59766	56062.69177	56056.32422	504929.0	5408251.4
L4930.0	504929.0	5408252.8	10135.40039	291.35	111.32	48.827236	-86.932843	56060.14	56248.4	1.65	56061.79	56053.27344	56063.42955	56056.98047	504929.0	5408252.8
L4930.0	504929.0	5408254.2	10135.50000	291.51	111.3	48.827248	-86.932843	56061.11	56248.3	1.65	56062.76	56054.20703	56064.13128	56057.59766	504929.0	5408254.2
L4930.0	504929.0	5408254.2	10135.59961	290.20	111.3	48.827248	-86.932843	56061.91	56248.3	1.65	56063.56	56054.97266	56064.85752	56058.24219	504929.0	5408254.2
L4930.0	504929.0	5408255.9	10135.70020	290.28	111.06	48.827263	-86.932843	56063.02	56248.3	1.65	56064.68	56056.05859	56065.52967	56058.83203	504929.0	5408255.9
L4930.0	504929.0	5408256.8	10135.79981	289.06	111.11	48.827271	-86.932843	56063.36	56248.3	1.66	56065.01	56056.35547	56066.33285	56059.55469	504929.0	5408256.8
L4930.0	504929.0	5408258.5	10135.90039	288.73	98.95	48.827286	-86.932843	56064.64	56248.3	1.66	56066.30	56057.60938	56066.96520	56060.10156	504929.0	5408258.5
L4930.0	504929.0	5408259.7	10136.00000	289.10	98.95	48.827298	-86.932843	56065.03	56248.3	1.66	56066.69	56057.96484	56067.75787	56060.81250	504929.0	5408259.7
L4930.0	504929.0	5408260.7	10136.09961	287.50	99.07	48.827306	-86.932843	56066.34	56248.3	1.66	56068.00	56059.24219	56068.37112	56061.33984	504929.0	5408260.7
L4930.0	504929.0	5408262.1	10136.20020	286.52	100.73	48.827319	-86.932842	56066.95	56248.3	1.66	56068.60	56059.80859	56069.11650	56062.00391	504929.0	5408262.1
L4930.0	504929.0	5408262.1	10136.29981	286.05	100.73	48.827319	-86.932842	56068.11	56248.3	1.66	56069.77	56060.94531	56069.74573	56062.54688	504929.0	5408262.1
L4930.0	504929.0	5408264.0	10136.40039	284.80	111.28	48.827336	-86.932842	56068.36	56248.3	1.66	56070.02	56061.16406	56070.55057	56063.26953	504929.0	5408264.0
L4930.0	504929.0	5408265.2	10136.50000	284.25	107.79	48.827347	-86.932842	56069.56	56248.3	1.65	56071.21	56062.32031	56071.17027	56063.80078	504929.0	5408265.2
L4930.0	504929.0	5408266.7	10136.59961	285.35	107.79	48.827360	-86.932842	56070.31	56248.3	1.65	56071.96	56063.03516	56071.87174	56064.41797	504929.0	5408266.7
L4930.0	504929.1	5408268.1	10136.70020	287.09	111.85	48.827373	-86.932842	56070.62	56248.3	1.65	56072.27	56063.31250	56072.64420	56065.10547	504929.1	5408268.1
L4930.0	504929.1	5408268.1	10136.79981	285.89	112.08	48.827373	-86.932842	56071.75	56248.3	1.65	56073.41	56064.42188	56073.27412	56065.65234	504929.1	5408268.1
L4930.0	504929.1	5408269.8	10136.90039	285.15	104.07	48.827388	-86.932842	56072.92	56248.3	1.65	56074.57	56065.54688	56073.90954	56066.19922	504929.1	5408269.8
L4930.0	504929.1	5408271.0	10137.00000	289.44	104.07	48.827399	-86.932842	56073.24	56248.3	1.65	56074.89	56065.83594	56074.65879	56066.86328	504929.1	5408271.0
L4930.0	504929.1	5408272.4	10137.09961	289.74	112.47	48.827412	-86.932842	56074.41	56248.4	1.65	56076.05	56066.96094	56075.30255	56067.42188	504929.1	5408272.4
L4930.0	504929.1	5408273.6	10137.20020	291.70	112.47	48.827423	-86.932842	56074.89	56248.4	1.65	56076.53	56067.41016	56076.01655	56068.04688	504929.1	5408273.6
L4930.0	504929.1	5408275.1	10137.20020	291.70	111.41	48.827435	-86.932842	56075.80	56248.4	1.65	56077.44	56068.28906	56076.68863	56068.63281	504929.1	5408275.1
L4930.0	504929.1	5408276.0	10137.40039	292.59	104.05	48.827444	-86.932842	56076.41	56248.4	1.64	56078.05	56068.86328	56077.37797	56069.23828	504929.1	5408276.0
L4930.0	504929.1	5408277.0	10137.50000	293.53	105.53	48.827453	-86.932842	56077.12	56248.4	1.64	56078.76	56069.54297	56078.05622	56069.82813	504929.1	5408277.0
L4930.0	504929.1	5408278.6	10137.59961	291.28	105.53	48.827468	-86.932842	56077.75	56248.4	1.64	56079.38	56070.12891	56078.73252	56070.41797	504929.1	5408278.6
L4930.0	504929.1	5408278.6	10137.70020	292.36	111.12	48.827468	-86.932842	56078.88	56248.4	1.64	56080.52	56071.23828	56079.39624	56070.99219	504929.1	5408278.6
L4930.0	504929.1	5408280.1	10137.79981	291.92	113.27	48.827481	-86.932842	56078.70	56248.4	1.63	56080.34	56071.02734	56080.07249	56071.58203	504929.1	5408280.1
L4930.0	504929.1	5408281.6	10137.90039	291.56	113.48	48.827494	-86.932842	56079.42	56248.4	1.63	56081.05	56071.70313	56080.73479	56072.15625	504929.1	5408281.6
L4930.0	504929.1	5408283.0	10138.00000	291.34	113.41	48.827507	-86.932842	56080.47	56248.4	1.63	56082.10	56072.72266	56081.39242	56072.72656	504929.1	5408283.0
L4930.0	504929.1	5408284.7	10138.09961	289.99	113.41	48.827522	-86.932842	56081.82	56248.4	1.63	56083.45	56074.03906	56082.03927	56073.28516	504929.1	5408284.7
L4930.0	504929.1	5408284.7	10138.20020	289.12	113.61	48.827522	-86.932842	56082.68	56248.4	1.63	56084.31	56074.86719	56082.67938	56073.83984	504929.1	5408284.7
L4930.0	504929.1	5408286.4	10138.29981	287.17	113.61	48.827537	-86.932842	56082.58	56248.4	1.63	56084.21	56074.73828	56083.33755	56074.41016	504929.1	5408286.4
L4930.0	504929.0	5408288.0	10138.40039	287.84	113.44	48.827552	-86.932842	56084.42	56248.4	1.63	56086.05	56076.54688	56083.91993	56074.90234	504929.0	5408288.0
L4930.0	504929.0	5408288.0	10138.50000	289.01	113.44	48.827552	-86.932842	56083.82	56248.4	1.63	56085.45	56075.91406	56084.60544	56075.50000	504929.0	5408288.0
L4930.0	504929.0	5408289.7	10138.59961	290.11	107.11	48.827567	-86.932842	56085.51	56248.4	1.63	56087.14	56077.57031	56085.15181	56075.95703	504929.0	5408289.7
L4930.0	504929.0	5408291.1	10138.70020	289.21	106.86	48.827580	-86.932842	56086.12	56248.4	1.63	56087.75	56078.14844	56085.75746	56076.47656	504929.0	5408291.1
L4930.0	504929.0	5408292.6	10138.79981	286.01	106.86	48.827593	-86.932842	56086.12	56248.4	1.63	56087.75	56078.11719	56086.42096	56077.05078	504929.0	5408292.6
L4930.0	504929.0	5408294.5	10138.90039	285.11	106.86	48.827610	-86.932843	56087.64	56248.4	1.63	56089.27	56079.60547	56086.92759	56077.46875	504929.0	5408294.5
L4930.0	504929.0	5408294.5	10139.00000	286.07	107.07	48.827610	-86.932843	56087.56	56248.4	1.63	56089.19	56079.49609	56087.60539	56078.05859	504929.0	5408294.5
L4930.0	504929.0	5408296.6	10139.09961	287.46	107.07	48.827629	-86.932843	56088.55	56248.4	1.63	56090.18	56080.45313	56088.15904	56078.52734	504929.0	5408296.6
L4930.0	504928.9	5408297.6	10139.20020	287.95	107.36	48.827638	-86.932843	56089.18	56248.4	1.63	56090.80	56081.04297	56088.75515	56079.03516	504928.9	5408297.6
L4930.0	504928.9	5408297.6	10139.20020	287.95	107.37	48.827638	-86.932843	56090.17	56248.4	1.63	56091.80	56082.01172	56089.30330	56079.49609	504928.9	5408297.6
L4930.0	504928.9	5408299.3	10139.40039	290.59	107.37	48.827653	-86.932843	56090.67	56248.4	1.63	56092.30	56082.48047	56089.91068	56080.01563	504928.9	5408299.3
L4930.0	504928.9	5408300.7	10139.50000	289.98	107.87	48.827666	-86.932844	56091.00	56248.4	1.63	56092.63	56082.77734	56090.53276	56080.54688	504928.9	5408300.7
L4930.0	504928.9	5408302.3	10139.59961	288.78	109.48	48.827681	-86.932844	56092.14	56248.4	1.62	56093.77	56083.88672	56091.06311	56080.99219	504928.9	5408302.3
L4930.0	504928.9	5408302.3	10139.70020	288.86	109.48	48.827681	-86.932844	56091.98	56248.4	1.62	56093.61	56083.69531	56091.72073	56081.56250	504928.9	5408302.3
L4930.0	504928.9	5408304.1	10139.79981	288.81	112.69	48.827697	-86.932844	56093.50	56248.4	1.62	56095.13	56085.18359	56092.21588	56081.96875	504928.9	5408304.1

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4930.0	504928.9	5408305.5	10139.90039	290.04	111.14	48.827709	-86.932844	56093.31	56248.4	1.62	56094.93	56084.94922	56092.85328	56082.51953	504928.9	5408305.5
L4930.0	504928.9	5408305.5	10140.00000	291.64	111.14	48.827709	-86.932844	56093.93	56248.4	1.62	56095.55	56085.53906	56093.41474	56082.99609	504928.9	5408305.5
L4930.0	504928.8	5408307.0	10140.09961	290.59	106.38	48.827723	-86.932845	56094.42	56248.4	1.62	56096.03	56085.98828	56093.97896	56083.47266	504928.8	5408307.0
L4930.0	504928.8	5408308.5	10140.20020	290.06	106.38	48.827736	-86.932845	56095.73	56248.4	1.61	56097.34	56087.26563	56094.48772	56083.89453	504928.8	5408308.5
L4930.0	504928.8	5408309.7	10140.29981	289.43	107.02	48.827747	-86.932845	56095.73	56248.4	1.61	56097.34	56087.23438	56095.06549	56084.38672	504928.8	5408309.7
L4930.0	504928.8	5408311.4	10140.40039	289.81	107.02	48.827762	-86.932845	56096.21	56248.4	1.60	56097.81	56087.67188	56095.60859	56084.84375	504928.8	5408311.4
L4930.0	504928.8	5408312.8	10140.50000	291.14	105.98	48.827774	-86.932845	56097.43	56248.4	1.60	56099.03	56088.85938	56096.10749	56085.25781	504928.8	5408312.8
L4930.0	504928.8	5408312.8	10140.59961	292.81	106.81	48.827774	-86.932845	56097.32	56248.4	1.60	56098.92	56088.71875	56096.66581	56085.73047	504928.8	5408312.8
L4930.0	504928.8	5408314.5	10140.70020	293.21	106.81	48.827790	-86.932845	56098.36	56248.4	1.59	56099.95	56089.71484	56097.16234	56086.14063	504928.8	5408314.5
L4930.0	504928.8	5408315.7	10140.79981	292.34	114.87	48.827801	-86.932845	56098.90	56248.4	1.59	56100.49	56090.22266	56097.67688	56086.57031	504928.8	5408315.7
L4930.0	504928.8	5408317.4	10140.90039	290.97	114.87	48.827816	-86.932845	56099.22	56248.4	1.58	56100.80	56090.50000	56098.19688	56087.00781	504928.8	5408317.4
L4930.0	504928.8	5408317.4	10141.00000	288.61	112.31	48.827816	-86.932845	56099.86	56248.4	1.58	56101.44	56091.10938	56098.69550	56087.42188	504928.8	5408317.4
L4930.0	504928.8	5408318.8	10141.09961	288.84	114.66	48.827829	-86.932845	56100.66	56248.4	1.58	56102.25	56091.88672	56099.17964	56087.82422	504928.8	5408318.8
L4930.0	504928.8	5408320.5	10141.20020	287.37	114.66	48.827844	-86.932845	56101.10	56248.4	1.58	56102.68	56092.28516	56099.67256	56088.23438	504928.8	5408320.5
L4930.0	504928.8	5408321.8	10141.20020	287.37	114.95	48.827856	-86.932845	56101.04	56248.4	1.58	56102.62	56092.19531	56100.17864	56088.66016	504928.8	5408321.8
L4930.0	504928.8	5408321.8	10141.29981	288.60	114.95	48.827856	-86.932845	56101.96	56248.4	1.59	56103.54	56093.08203	56100.63019	56089.02734	504928.8	5408321.8
L4930.0	504928.8	5408325.1	10141.50000	290.36	114.62	48.827886	-86.932845	56102.43	56248.4	1.59	56104.02	56093.53125	56101.09254	56089.41016	504928.8	5408325.1
L4930.0	504928.8	5408325.1	10141.59961	288.31	114.62	48.827886	-86.932845	56103.12	56248.4	1.59	56104.71	56094.18750	56101.53335	56089.76953	504928.8	5408325.1
L4930.0	504928.8	5408327.2	10141.70020	288.17	114.6	48.827905	-86.932845	56103.41	56248.4	1.59	56105.01	56094.45703	56101.98805	56090.14453	504928.8	5408327.2
L4930.0	504928.8	5408327.2	10141.79981	290.34	114.54	48.827905	-86.932845	56103.55	56248.4	1.60	56105.14	56094.55469	56102.44952	56090.52734	504928.8	5408327.2
L4930.0	504928.8	5408328.7	10141.90039	288.72	114.54	48.827918	-86.932845	56104.06	56248.4	1.60	56105.66	56095.04297	56102.87680	56090.87500	504928.8	5408328.7
L4930.0	504928.8	5408329.9	10142.00000	290.08	114.81	48.827929	-86.932844	56105.02	56248.4	1.60	56106.62	56095.96875	56103.25357	56091.17578	504928.8	5408329.9
L4930.0	504928.8	5408331.4	10142.09961	290.91	114.96	48.827942	-86.932844	56105.46	56248.4	1.60	56107.06	56096.37891	56103.66601	56091.50781	504928.8	5408331.4
L4930.0	504928.9	5408332.8	10142.20020	291.03	114.96	48.827955	-86.932844	56106.36	56248.4	1.60	56107.95	56097.23828	56104.01715	56091.78516	504928.9	5408332.8
L4930.0	504928.9	5408332.8	10142.29981	290.96	115.05	48.827955	-86.932844	56105.57	56248.4	1.59	56107.16	56096.41406	56104.57164	56092.26172	504928.9	5408332.8
L4930.0	504928.9	5408334.3	10142.40039	290.30	115.05	48.827968	-86.932844	56106.64	56248.4	1.59	56108.23	56097.45313	56104.88208	56092.50000	504928.9	5408334.3
L4930.0	504928.9	5408336.2	10142.50000	288.55	114.47	48.827985	-86.932844	56107.34	56248.4	1.59	56108.93	56098.12109	56105.22971	56092.77344	504928.9	5408336.2
L4930.0	504928.9	5408337.2	10142.59961	289.82	115.93	48.827995	-86.932844	56107.95	56248.4	1.59	56109.53	56098.69141	56105.58442	56093.05469	504928.9	5408337.2
L4930.0	504928.9	5408338.6	10142.70020	288.04	115.93	48.828007	-86.932844	56108.26	56248.4	1.59	56109.84	56098.96875	56105.98650	56093.38281	504928.9	5408338.6
L4930.0	504928.9	5408338.6	10142.79981	288.60	115.83	48.828007	-86.932844	56107.84	56248.4	1.58	56109.43	56098.52734	56106.52922	56093.85547	504928.9	5408338.6
L4930.0	504928.8	5408340.5	10142.90039	287.55	115.83	48.828024	-86.932844	56108.96	56248.4	1.58	56110.54	56099.60547	56106.78204	56094.03516	504928.8	5408340.5
L4930.0	504928.8	5408342.0	10143.00000	285.83	116.05	48.828038	-86.932844	56109.56	56248.4	1.58	56111.14	56100.17578	56107.13228	56094.31641	504928.8	5408342.0
L4930.0	504928.8	5408342.0	10143.09961	284.59	106.07	48.828038	-86.932844	56110.03	56248.4	1.58	56111.61	56100.61328	56107.51183	56094.62891	504928.8	5408342.0
L4930.0	504928.8	5408343.7	10143.20020	283.64	106.07	48.828053	-86.932845	56110.40	56248.4	1.58	56111.98	56100.95313	56107.92051	56094.96875	504928.8	5408343.7
L4930.0	504928.8	5408345.2	10143.20020	283.64	112.21	48.828066	-86.932845	56110.66	56248.4	1.58	56112.24	56101.18359	56108.35585	56095.33594	504928.8	5408345.2
L4930.0	504928.8	5408346.8	10143.40039	284.36	112.21	48.828081	-86.932845	56111.01	56248.4	1.58	56112.59	56101.50391	56108.77558	56095.69141	504928.8	5408346.8
L4930.0	504928.8	5408348.1	10143.50000	287.02	111.76	48.828092	-86.932845	56111.46	56248.4	1.58	56113.05	56101.93359	56109.17929	56096.03125	504928.8	5408348.1
L4930.0	504928.8	5408348.1	10143.59961	287.50	111.55	48.828092	-86.932845	56112.09	56248.4	1.59	56113.68	56102.53516	56109.56245	56096.35156	504928.8	5408348.1
L4930.0	504928.8	5408349.9	10143.70020	287.20	115.8	48.828109	-86.932845	56111.79	56248.4	1.59	56113.38	56102.20313	56110.08989	56096.81641	504928.8	5408349.9
L4930.0	504928.8	5408351.4	10143.79981	289.05	115.8	48.828122	-86.932845	56112.94	56248.4	1.59	56114.53	56103.32422	56110.41786	56097.08203	504928.8	5408351.4
L4930.0	504928.8	5408352.9	10143.90039	287.41	105.46	48.828136	-86.932845	56112.98	56248.4	1.59	56114.57	56103.33594	56110.89075	56097.49609	504928.8	5408352.9
L4930.0	504928.8	5408352.9	10144.00000	287.39	105.46	48.828136	-86.932845	56114.09	56248.4	1.59	56115.68	56104.41797	56111.27261	56097.82031	504928.8	5408352.9
L4930.0	504928.7	5408354.6	10144.09961	285.95	105.46	48.828151	-86.932845	56112.76	56248.4	1.59	56114.35	56103.05859	56111.79849	56098.28906	504928.7	5408354.6
L4930.0	504928.7	5408356.0	10144.20020	287.19	106.19	48.828164	-86.932845	56113.92	56248.4	1.58	56115.50	56104.17969	56112.18706	56098.62109	504928.7	5408356.0
L4930.0	504928.7	5408357.5	10144.29981	288.82	115.11	48.828177	-86.932845	56114.40	56248.4	1.58	56115.98	56104.63281	56112.60353	56098.98047	504928.7	5408357.5
L4930.0	504928.7	5408359.2	10144.40039	291.31	115.11	48.828192	-86.932845	56114.63	56248.4	1.58	56116.21	56104.83594	56113.00843	56099.33203	504928.7	5408359.2
L4930.0	504928.7	5408360.4	10144.50000	293.21	115.09	48.828203	-86.932845	56114.70	56248.4	1.57	56116.28	56104.87891	56113.38950	56099.66406	504928.7	5408360.4
L4930.0	504928.7	5408360.4	10144.59961	294.17	115.09	48.828203	-86.932845	56114.93	56248.4	1.57	56116.51	56105.08203	56113.75750	56099.98047	504928.7	5408360.4
L4930.0	504928.7	5408362.1	10144.70020	295.33	105.26	48.828218	-86.932846	56115.96	56248.4	1.57	56117.53	56106.07422	56114.16091	56100.33594	504928.7	5408362.1
L4930.0	504928.7	5408363.3	10144.79981	294.83	105.26	48.828229	-86.932846	56115.71	56248.4	1.57	56117.28	56105.79688	56114.45915	56100.58594	504928.7	5408363.3
L4930.0	504928.7	5408363.3	10144.90039	294.11	114.55	48.828229	-86.932846	56116.88	56248.4	1.56	56118.45	56106.94141	56114.83467	56100.91406	504928.7	5408363.3
L4930.0	504928.7	5408365.0	10145.00000	292.88	114.55	48.828245	-86.932846	56116.83	56248.4	1.56	56118.39	56106.85547	56115.09699	56101.13281	504928.7	5408365.0
L4930.0	504928.7	5408366.5	10145.09961	290.81	114.77	48.828258	-86.932846	56117.16	56248.4	1.56	56118.72	56107.16016	56115.35980	56101.35156	504928.7	5408366.5
L4930.0	504928.7	5408367.7	10145.20020	288.55	114.29	48.828269	-86.932846	56117.59	56248.4	1.56	56119.15	56107.56641	56115.59877	56101.55078	504928.7	5408367.7
L4930.0	504928.7	5408369.1	10145.20020	288.55	114.29	48.828282	-86.932846	56117.53	56248.4	1.56	56119.09	56107.48438	56115.80613	56101.71875	504928.7	5408369.1
L4930.0	504928.7	5408370.6	10145.40039	290.74	114.47	48.828295	-86.932846	56117.96	56248.4	1.56	56119.53	56107.90234	56115.99911	56101.87500	504928.7	5408370.6
L4930.0	504928.7	5408370.6	10145.50000	289.77	111.21	48.828295	-86.932846	56117.99	56248.4	1.57	56119.56	56107.91016	56116.19231	56102.03125	504928.7	5408370.6
L4930.0	504928.7	5408372.5	10145.59961	290.23	111.21	48.828312	-86.932846	56118.46	56248.4	1.57	56120.03	56108.35547	56116.34925	56102.15234	504928.7	5408372.5
L4930.0	504928.7	5408373.5	10145.70020	290.86	110.15	48.828321	-86.932846	56118.86	56248.4	1.57	56120.43	56108.73438	56116.49446	56102.26563	504928.7	5408373.5
L4930.0	504928.7	5408374.6	10145.79981	291.88	110.41	48.828331	-86.932846	56119.33	56248.4	1.57	56120.90	56109.18359	56116.61485	56102.35547	504928.7	5408374.6
L4930.0	504928.7	5408375.8	10145.90039	289.03	110.41	48.828342	-86.932846	56119.23	56248.4	1.57	56120.80	56109.06250	56116.84161	56102.55078	504928.7	5408375.8
L4930.0	504928.7	5408377.2	10146.00000	288.58	112.89	48.828354	-86.932846	56119.49	56248.4	1.57	56121.06	56109.30469	56117.00902	56102.69141	504928.7	5408377.2
L4930.0	504928.7	5408378.7	10146.09961	285.83	115.09	48.828367	-86.932846	56119.94	56248.4	1.57	56121.51	56109.73438	56117.13005	56102.78516	504928.7	5408378.7
L4930.0	504928.7	5408378.7	10146.20020	285.92	115.09	48.828367	-86.932846	56120.74	56248.4	1.57	56122.30	56110.50781	56117.14918	56102.78125	504928.7	5408378.7
L4930.0	504928.7	5408380.1	10146.29981	285.55	117.21	48.828380	-86.932846	56120.50	56248.4	1.56	56122.06	56110.25000	56117.49347	56103.10156	504928.7	5408380.1
L4930.0	504928.7	5408381.3	10146.40039	284.45	117.43	48.828391	-86.932846	56120.57	56248.4	1.56	56122.14	56110.31250	56117.82162	56103.41016	504928.7	5408381.3
L4930.0	504928.7	5408382.7	10146.50000	284.48	117.43	48.828404	-86.932845	56120.90	56248.4	1.56	56122.46	56110.61719	56118.06982	56103.64063	504928.7	5408382.7
L4930.0	504928.7	5408384.4	10146.59961	286.10	117.43	48.828419	-86.932845	56121.50	56248.4	1.56	56123.06	56111.20313	56118.45396	56104.00781	504928.7	5408384.4
L4930.0	504928.7	5408385.6	10146.70020	285.74	117.43	48.828429	-86.932845	56121.41	56248.4	1.56	56122.96	56111.08594	56118.56896	56104.10938	504928.7	5408385.6
L4930.0	504928.7	5408385.6	10146.79981	288.14	117.43	48.828429	-86.932845	56121.58	56248.4	1.55	56123.13	56111.24219	56118.82039	56104.34766	504928.7	5408385.6
L4930.0	504928.7	5408387.0	10146.90039	288.37	117.43	48.828442	-86.932845	56121.74	56248.4	1.55	56123.29	56111.39063	56119.11206	56104.62891	504928.7	5408387.0
L4930.0	504928.7	5408388.1	10147.00000	287.45	117.43	48.828452	-86.932845	56122.16	56248.4	1.55	56123.71	56111.79688	56119.39353	56104.89844	504928.7	5408388.1
L4930.0	504928.7	5408390.3	10147.09961	286.35	116.44	48.828472	-86.932845	56122.85	56248.4	1.56	56124.40	56112.47656	56119.64026	56105.14063	504928.7	5408390.3
L4930.0	504928.7	5408390.3	10147.20020	287.73	117.29	48.828472	-86.932845	56122.34	56248.4	1.56	56123.90	56111.96875	56120.22187	56105.71484	504928.7	5408390.3
L4930.0	504928.7	5408391.4	10147.20020	287.73	117.45	48.828482	-86.932845	56122.67	56248.4	1.56	56124.23	56112.28906	56120.61091	56106.10156	504928.7	5408391.4
L4930.0	504928.7	5408393.1	10147.40039	285.86	117.45	48.828497	-86.932845	56122.49	56248.4	1.57	56124.06	56112.10938	56121.08748	56106.57813	504928.7	5408393.1
L4930.0	504928.7	5408394.2	10147.50000	288.32	118.36	48.828508	-86.932845	56123.10	56248.4	1.57	56124.68	56112.72266	56121.48625	56106.97656	504928.7	5408394.2
L4930.0	504928.7	5408395.2	10147.59961	289.46	118.69	48.828516	-86.932845	56124.04	56248.4	1.58	56125.62	56113.65625	56121.94904	56107.44531	504928.7	5408395.2
L4930.0	504928.7	5408396.8	10147.70020	287.04	118.69	48.828531	-86.932845	56124.34	56248.4	1.58	56125.92	56113.95313	56122.46016	56107.96094	504928.7	5408396.8
L4930.0	504928.7	5408398.3	10147.79981	287.98	118.25	48.828544	-86.932845	56124.06	56248.4	1.59	56125.65	56113.67578	56122.89230	56108.39844	504928.7	5408398.3
L4930.0	504928.7	5408399.4	10147.90039	289.09	118.3	48.828554	-86.932845	56124.48	56248.4	1.60	56126.08	56114.10547	56123.40280	56108.91797	504928.7	5408399.4
L4930.0	504928.7	5408399.4	10148.00000	291.13	118.75	48.828554	-86.932845	56124.90	56248.4	1.60	56126.50	56114.52344	56123.92560	56109.45313	504928.7	5408399.4
L4930.0	504928.7	5408401.1	10148.09961	292.97	118.75	48.828569	-86.932845	56124.92	56248.4	1.60	56126.52	56114.53906	56124.31573	56109.85547	504928.7	5408401.1
L4930.0	504928.7	5408402.5	10148.20020	293.86	118.63	48.828582	-86.932845	56124.87	56248.4	1.60	56126.46	56114.48047	56124.62907	56110.18750	504928.7	5408402.5
L4930.0	504928.7	5408403.6	10148.29981	295.61	118.63	48.828592	-86.932846	56125.22	56248.4	1.60	56126.82	56114.83984	56125.08508	56110.66016	504928.7	5408403.6
L4930.0	504928.7	5408405.1	10148.40039	298.25	118.63	48.828605	-86.932846	56125.86	56248.4	1.60	56127.45	56115.47266	56125.67001	56111.26563	504928.7	5408405.1
L4930.0	504928.7	5408405.1	10148.50000	296.78	118.63	48.828605	-86.932846	56125.56	56248.4	1.60	56127.16	56115.18750	56125.76080	56111.37500	504928.7	5408405.1
L4930.0	504928.7	5408405.1	10148.59961	297.76	118.63	48.828605	-86.932846	56126.31	56248.4	1.59	56127.90	56115.93359	56126.39383	56112.03516	504928.7	5408405.1
L4930.0	504928.6	5408408.9	10148.70020	298.94	117.19	48.828639	-86.932846	56126.11	56248.4	1.59	56127.71	56115.74609	56126.46797	56112.13281	504928.6	5408408.9
L4930.0	504928.6	5408408.9	10148.79981	297.54	117.19	48.828639	-86.932846	56126.19	56248.4	1.59	56127.78	56115.82422	56126.66750	56112.35938	504928.6	5408408.9
L4930.0	504928.6	5408411.0	10148.90039	299.15	111.73	48.828658	-86.932847	56126.82	56248.4	1.59	56128.42	56116.47266	56127.21529	56112.93750	504928.6	5408411.0
L4930.0	504928.6	5408411.0	10149.00000	294.99	106.68	48.828658	-86.932847	56126.38	56248.4	1.59	56127.97	56116.03125	56127.03621	56112.79297	504928.6	5408411.0
L4930.0	504928.6	5408412.5	10149.09961	294.42	106.68	48.828671	-86.932847	56127.61	56248.4	1.59	56129.20	56117.27344	56127.95699	56113.74609	504928.6	5408412.5

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4930.0	504928.5	5408414.3	10149.20020	295.43	110.05	48.828688	-86.932847	56127.07	56248.4	1.59	56128.65	56116.73438	56127.67603	56113.50000	504928.5	5408414.3
L4930.0	504928.5	5408414.3	10149.20020	295.43	114.84	48.828688	-86.932847	56127.84	56248.4	1.59	56129.43	56117.52734	56128.28045	56114.14453	504928.5	5408414.3
L4930.0	504928.5	5408416.0	10149.40039	294.75	114.84	48.828703	-86.932847	56127.22	56248.4	1.59	56128.80	56116.91406	56127.92842	56113.83203	504928.5	5408416.0
L4930.0	504928.5	5408417.9	10149.50000	292.42	116.96	48.828720	-86.932848	56127.88	56248.4	1.58	56129.46	56117.58984	56128.44033	56114.38672	504928.5	5408417.9
L4930.0	504928.5	5408417.9	10149.59961	291.32	117.05	48.828720	-86.932848	56128.34	56248.4	1.58	56129.92	56118.06641	56128.81199	56114.80078	504928.5	5408417.9
L4930.0	504928.5	5408419.3	10149.70020	293.65	117.05	48.828733	-86.932848	56128.12	56248.4	1.58	56129.70	56117.86328	56128.72999	56114.76563	504928.5	5408419.3
L4930.0	504928.5	5408420.6	10149.79981	293.02	106.43	48.828744	-86.932848	56129.19	56248.4	1.58	56130.77	56118.95313	56129.49787	56115.58203	504928.5	5408420.6
L4930.0	504928.5	5408422.3	10149.90039	292.70	116.39	48.828760	-86.932848	56128.79	56248.4	1.58	56130.37	56118.57422	56129.30305	56115.43359	504928.5	5408422.3
L4930.0	504928.5	5408423.0	10150.00000	292.98	104.03	48.828766	-86.932848	56129.10	56248.4	1.58	56130.68	56118.90625	56129.57397	56115.75781	504928.5	5408423.0
L4930.0	504928.5	5408424.2	10150.09961	292.68	103.8	48.828777	-86.932848	56129.61	56248.4	1.58	56131.19	56119.44141	56129.97487	56116.21094	504928.5	5408424.2
L4930.0	504928.4	5408425.7	10150.20020	294.61	103.8	48.828790	-86.932848	56129.59	56248.4	1.58	56131.18	56119.45313	56130.04713	56116.33984	504928.4	5408425.7
L4930.0	504928.4	5408427.1	10150.29981	292.92	115.59	48.828803	-86.932849	56130.01	56248.4	1.59	56131.60	56119.90234	56130.39830	56116.75000	504928.4	5408427.1
L4930.0	504928.4	5408427.9	10150.40039	295.92	115.59	48.828810	-86.932849	56129.98	56248.4	1.59	56131.57	56119.89844	56130.46592	56116.87500	504928.4	5408427.9
L4930.0	504928.4	5408429.8	10150.50000	294.69	114.84	48.828828	-86.932849	56130.46	56248.4	1.59	56132.05	56120.40625	56130.85946	56117.32813	504928.4	5408429.8
L4930.0	504928.4	5408429.8	10150.59961	296.18	114.84	48.828828	-86.932849	56130.58	56248.4	1.59	56132.17	56120.55859	56131.02516	56117.55859	504928.4	5408429.8
L4930.0	504928.4	5408431.0	10150.70020	297.08	114.63	48.828839	-86.932849	56130.49	56248.4	1.59	56132.09	56120.51172	56131.06378	56117.66016	504928.4	5408431.0
L4930.0	504928.4	5408432.5	10150.79981	297.25	109.96	48.828851	-86.932849	56131.35	56248.4	1.60	56132.94	56121.39453	56131.68728	56118.35156	504928.4	5408432.5
L4930.0	504928.4	5408434.2	10150.90039	299.11	109.96	48.828867	-86.932849	56131.40	56248.4	1.60	56133.00	56121.48828	56131.80866	56118.53906	504928.4	5408434.2
L4930.0	504928.4	5408435.4	10151.00000	296.40	105.09	48.828878	-86.932849	56131.68	56248.4	1.60	56133.28	56121.80469	56132.06327	56118.86328	504928.4	5408435.4
L4930.0	504928.4	5408436.9	10151.09961	295.93	111.18	48.828891	-86.932849	56131.42	56248.4	1.60	56133.03	56121.58984	56131.98779	56118.85938	504928.4	5408436.9
L4930.0	504928.4	5408438.1	10151.20020	293.63	111.12	48.828902	-86.932849	56132.00	56248.4	1.61	56133.60	56122.19922	56132.40793	56119.35156	504928.4	5408438.1
L4930.0	504928.4	5408438.1	10151.20020	293.63	111.12	48.828902	-86.932849	56132.79	56248.4	1.61	56134.40	56123.03906	56132.94621	56119.96484	504928.4	5408438.1
L4930.0	504928.4	5408439.5	10151.40039	290.79	111.78	48.828915	-86.932849	56133.24	56248.4	1.62	56134.85	56123.53125	56133.25821	56120.35156	504928.4	5408439.5
L4930.0	504928.4	5408440.5	10151.50000	292.64	111.83	48.828924	-86.932849	56132.79	56248.4	1.62	56134.41	56123.13281	56133.06719	56120.23828	504928.4	5408440.5
L4930.0	504928.4	5408442.0	10151.59961	292.03	109.97	48.828937	-86.932849	56133.01	56248.4	1.62	56134.64	56123.40625	56133.24807	56120.49609	504928.4	5408442.0
L4930.0	504928.4	5408443.2	10151.70020	292.30	108.78	48.828948	-86.932848	56133.68	56248.4	1.63	56135.31	56124.12109	56133.63721	56120.96875	504928.4	5408443.2
L4930.0	504928.4	5408444.4	10151.79981	293.02	108.78	48.828959	-86.932848	56134.23	56248.4	1.63	56135.86	56124.71875	56133.93671	56121.34766	504928.4	5408444.4
L4930.0	504928.4	5408445.7	10151.90039	293.22	107.19	48.828970	-86.932848	56134.20	56248.4	1.64	56135.84	56124.74609	56133.97192	56121.46484	504928.4	5408445.7
L4930.0	504928.4	5408447.1	10152.00000	293.88	107.19	48.828983	-86.932848	56134.51	56248.4	1.64	56136.15	56125.10547	56134.15242	56121.73047	504928.4	5408447.1
L4930.0	504928.5	5408448.8	10152.09961	293.00	107.21	48.828998	-86.932848	56135.08	56248.4	1.64	56136.72	56125.72656	56134.42097	56122.08203	504928.5	5408448.8
L4930.0	504928.5	5408448.8	10152.20020	293.26	108.54	48.828998	-86.932848	56135.42	56248.4	1.63	56137.06	56126.11719	56134.60521	56122.35547	504928.5	5408448.8
L4930.0	504928.5	5408450.3	10152.29981	292.05	108.54	48.829012	-86.932848	56135.67	56248.4	1.63	56137.30	56126.41016	56134.77129	56122.60938	504928.5	5408450.3
L4930.0	504928.5	5408451.5	10152.40039	292.04	106.37	48.829023	-86.932848	56136.03	56248.4	1.63	56137.66	56126.82422	56134.98305	56122.91016	504928.5	5408451.5
L4930.0	504928.5	5408452.7	10152.50000	292.04	106.37	48.829034	-86.932848	56136.63	56248.4	1.63	56138.26	56127.48047	56135.25395	56123.26953	504928.5	5408452.7
L4930.0	504928.5	5408453.7	10152.59961	291.94	108.21	48.829042	-86.932848	56136.45	56248.4	1.62	56138.08	56127.35938	56135.38966	56123.49609	504928.5	5408453.7
L4930.0	504928.5	5408455.2	10152.70020	291.47	110.41	48.829056	-86.932848	56136.78	56248.4	1.62	56138.40	56127.73828	56135.63990	56123.83984	504928.5	5408455.2
L4930.0	504928.5	5408456.6	10152.79981	290.58	105.69	48.829069	-86.932848	56137.62	56248.4	1.62	56139.24	56128.63672	56135.97420	56124.26563	504928.5	5408456.6
L4930.0	504928.5	5408456.6	10152.90039	288.89	105.69	48.829069	-86.932848	56137.98	56248.4	1.61	56139.59	56129.04688	56136.25104	56124.63672	504928.5	5408456.6
L4930.0	504928.5	5408458.0	10153.00000	289.53	98.1	48.829082	-86.932848	56138.11	56248.4	1.61	56139.72	56129.23828	56136.52175	56125.00000	504928.5	5408458.0
L4930.0	504928.5	5408460.0	10153.09961	290.55	99.99	48.829099	-86.932848	56138.09	56248.4	1.61	56139.71	56129.29297	56136.79976	56125.37500	504928.5	5408460.0
L4930.0	504928.5	5408461.2	10153.20020	287.61	99.99	48.829110	-86.932848	56139.47	56248.4	1.62	56141.09	56130.73438	56137.23163	56125.90234	504928.5	5408461.2
L4930.0	504928.5	5408462.6	10153.20020	287.61	109.86	48.829123	-86.932848	56138.81	56248.4	1.62	56140.43	56130.14063	56137.48658	56126.25391	504928.5	5408462.6
L4930.0	504928.5	5408462.6	10153.29981	288.80	109.86	48.829123	-86.932848	56139.48	56248.4	1.63	56141.11	56130.88672	56137.89021	56126.75391	504928.5	5408462.6
L4930.0	504928.5	5408465.1	10153.50000	289.82	109.11	48.829145	-86.932848	56139.84	56248.4	1.64	56141.48	56131.32422	56138.28363	56127.24609	504928.5	5408465.1
L4930.0	504928.5	5408465.1	10153.59961	290.17	109.06	48.829145	-86.932848	56140.98	56248.4	1.64	56142.62	56132.53516	56138.79456	56127.85547	504928.5	5408465.1
L4930.0	504928.5	5408468.3	10153.70020	291.62	108.02	48.829173	-86.932848	56140.61	56248.4	1.65	56142.25	56132.23438	56139.13337	56128.29297	504928.5	5408468.3
L4930.0	504928.5	5408468.3	10153.79981	291.11	109.2	48.829173	-86.932848	56141.92	56248.3	1.65	56143.57	56133.62500	56139.74643	56129.00781	504928.5	5408468.3
L4930.0	504928.5	5408469.2	10153.90039	292.73	95.47	48.829182	-86.932848	56142.09	56248.3	1.66	56143.75	56133.87500	56140.20457	56129.56641	504928.5	5408469.2
L4930.0	504928.5	5408470.4	10154.00000	294.09	95.47	48.829193	-86.932848	56142.51	56248.3	1.66	56144.17	56134.36719	56140.72731	56130.18750	504928.5	5408470.4
L4930.0	504928.5	5408471.9	10154.09961	293.50	97.88	48.829206	-86.932848	56142.42	56248.3	1.66	56144.08	56134.35156	56141.13563	56130.69531	504928.5	5408471.9
L4930.0	504928.5	5408473.6	10154.20020	292.11	105.06	48.829222	-86.932848	56142.60	56248.3	1.65	56144.26	56134.60547	56141.60574	56131.26953	504928.5	5408473.6
L4930.0	504928.5	5408474.8	10154.29981	289.61	105.33	48.829233	-86.932847	56143.04	56248.3	1.65	56144.69	56135.11328	56142.15491	56131.91797	504928.5	5408474.8
L4930.0	504928.5	5408476.1	10154.40039	292.80	105.33	48.829244	-86.932847	56143.89	56248.4	1.65	56145.54	56136.03906	56142.87337	56132.73828	504928.5	5408476.1
L4930.0	504928.5	5408476.8	10154.50000	292.86	101.13	48.829250	-86.932847	56144.86	56248.4	1.65	56146.50	56137.07422	56143.66503	56133.63281	504928.5	5408476.8
L4930.0	504928.5	5408477.7	10154.59961	293.46	98.99	48.829259	-86.932847	56144.75	56248.4	1.64	56146.39	56137.04297	56143.97781	56134.04688	504928.5	5408477.7
L4930.0	504928.5	5408479.5	10154.70020	294.37	98.99	48.829274	-86.932847	56144.95	56248.4	1.64	56146.59	56137.32422	56144.37807	56134.54688	504928.5	5408479.5
L4930.0	504928.5	5408479.5	10154.79981	292.19	99	48.829274	-86.932847	56145.71	56248.4	1.64	56147.35	56138.16016	56145.00290	56135.27344	504928.5	5408479.5
L4930.0	504928.5	5408481.2	10154.90039	292.22	98.13	48.829290	-86.932846	56146.17	56248.4	1.63	56147.81	56138.70313	56145.42169	56135.79297	504928.5	5408481.2
L4930.0	504928.6	5408482.4	10155.00000	293.91	100.07	48.829300	-86.932846	56146.53	56248.4	1.63	56148.16	56139.13281	56145.72685	56136.19922	504928.6	5408482.4
L4930.0	504928.6	5408483.9	10155.09961	295.86	100.07	48.829314	-86.932846	56147.23	56248.4	1.63	56148.86	56139.91406	56146.13892	56136.71094	504928.6	5408483.9
L4930.0	504928.6	5408485.4	10155.20020	296.37	98.45	48.829327	-86.932845	56147.19	56248.4	1.63	56148.82	56139.95703	56146.15638	56136.83203	504928.6	5408485.4
L4930.0	504928.7	5408486.3	10155.20020	296.37	99.2	48.829336	-86.932845	56148.65	56248.4	1.63	56150.28	56141.50000	56146.73078	56137.50781	504928.7	5408486.3
L4930.0	504928.7	5408487.8	10155.40039	296.68	99.2	48.829349	-86.932844	56147.56	56248.4	1.63	56149.19	56140.49219	56146.30585	56137.17969	504928.7	5408487.8
L4930.0	504928.7	5408488.5	10155.50000	296.77	99.89	48.829356	-86.932844	56149.16	56248.4	1.63	56150.79	56142.17969	56146.71962	56137.69531	504928.7	5408488.5
L4930.0	504928.7	5408490.0	10155.59961	297.21	101.47	48.829369	-86.932844	56148.50	56248.4	1.64	56150.13	56141.60156	56146.49621	56137.57031	504928.7	5408490.0
L4930.0	504928.7	5408490.0	10155.70020	295.36	101.47	48.829369	-86.932844	56149.48	56248.4	1.64	56151.12	56142.67969	56146.57373	56137.74609	504928.7	5408490.0
L4930.0	504928.8	5408491.7	10155.79981	295.51	99.74	48.829384	-86.932843	56150.92	56248.4	1.64	56152.56	56144.20313	56146.52412	56137.79688	504928.8	5408491.7
L4930.0	504928.8	5408492.9	10155.90039	291.82	98.51	48.829395	-86.932843	56151.48	56248.4	1.64	56153.12	56144.84766	56146.31860	56137.68750	504928.8	5408492.9
L4930.0	504928.8	5408494.4	10156.00000	289.62	98.51	48.829408	-86.932843	56150.74	56248.4	1.64	56152.38	56144.19531	56146.27275	56137.73828	504928.8	5408494.4
L4930.0	504928.8	5408495.8	10156.09961	287.36	97.58	48.829421	-86.932843	56151.45	56248.4	1.64	56153.10	56145.00391	56146.03729	56137.60156	504928.8	5408495.8
L4930.0	504928.8	5408497.3	10156.20020	284.02	97.65	48.829434	-86.932843	56152.44	56248.4	1.65	56154.09	56146.07813	56146.24230	56137.90234	504928.8	5408497.3
L4930.0	504928.8	5408498.7	10156.29981	282.04	97.47	48.829448	-86.932843	56152.57	56248.4	1.65	56154.22	56146.29688	56145.92038	56137.67578	504928.8	5408498.7
L4930.0	504928.8	5408498.7	10156.40039	282.61	97.91	48.829448	-86.932843	56153.12	56248.3	1.65	56154.77	56146.93359	56145.76808	56137.61719	504928.8	5408498.7
L4930.0	504928.8	5408500.2	10156.50000	281.04	97.91	48.829461	-86.932843	56153.42	56248.3	1.65	56155.08	56147.33203	56145.54612	56137.48828	504928.8	5408500.2
L4930.0	504928.8	5408501.4	10156.59961	281.79	97.96	48.829471	-86.932843	56153.87	56248.3	1.66	56155.52	56147.85938	56145.38751	56137.42188	504928.8	5408501.4
L4930.0	504928.8	5408503.1	10156.70020	279.64	97.31	48.829487	-86.932842	56153.86	56248.3	1.66	56155.52	56147.94922	56145.15177	56137.27734	504928.8	5408503.1
L4930.0	504928.8	5408504.5	10156.79981	280.88	92.74	48.829500	-86.932842	56154.26	56248.3	1.66	56155.93	56148.44922	56145.06187	56137.27734	504928.8	5408504.5
L4930.0	504928.8	5408504.5	10156.90039	281.25	92.84	48.829500	-86.932842	56154.96	56248.3	1.67	56156.63	56149.23438	56145.06941	56137.37500	504928.8	5408504.5
L4930.0	504928.8	5408506.2	10157.00000	280.54	95.99	48.829515	-86.932843	56154.92	56248.3	1.67	56156.59	56149.28516	56144.99134	56137.38672	504928.8	5408506.2
L4930.0	504928.8	5408507.7	10157.09961	282.40	95.97	48.829528	-86.932843	56155.64	56248.3	1.67	56157.31	56150.09375	56145.10166	56137.58594	504928.8	5408507.7
L4930.0	504928.8	5408507.7	10157.20020	280.71	95.97	48.829528	-86.932843	56155.45	56248.3	1.68	56157.12	56149.99219	56145.13249	56137.70313	504928.8	5408507.7
L4930.0	504928.8	5408509.3	10157.20020	280.71	93.77	48.829543	-86.932843	56155.98	56248.3	1.68	56157.66	56150.62109	56145.33231	56137.98828	504928.8	5408509.3
L4930.0	504928.8	5408510.8	10157.40039	279.67	93.77	48.829556	-86.932843	56156.71	56248.3	1.69	56158.40	56151.44922	56145.61823	56138.35938	504928.8	5408510.8
L4930.0	504928.8	5408510.8	10157.50000	281.33	94.5	48.829556	-86.932843	56156.71	56248.3	1.69	56158.40	56151.53516	56145.85326	56138.67578	504928.8	5408510.8
L4930.0	504928.8	5408512.7	10157.59961	283.01	95.38	48.829573	-86.932843	56156.27	56248.3	1.69	56157.96	56151.18359	56146.06458	56138.97266	504928.8	5408512.7
L4930.0	504928.8	5408514.8	10157.70020	283.97	95.38	48.829592	-86.932843	56157.46	56248.3	1.70	56159.16	56152.47266	56146.56132	56139.54688	504928.8	5408514.8
L4930.0	504928.8	5408516.2	10157.79981	284.28	91.2	48.829605	-86.932843	56157.78	56248.3	1.70	56159.48	56152.87891	56146.94647	56140.01172	504928.8	5408516.2
L4930.0	504928.8	5408517.7	10157.90039	284.50	98.22	48.829618	-86.932843	56157.70	56248.3	1.71	56159.41	56152.89844	56147.27232	56140.41797	504928.8	5408517.7
L4930.0	504928.8	5408517.7	10158.00000	284.32	98.22	48.829618	-86.932843	56158.46	56248.3	1.71	56160.17	56153.74609	56147.76636	56140.98828	504928.8	5408517.7
L4930.0	504928.8	5408518.8	10158.09961	283.30	91.31	48.829628	-86.932843	56158.48	56248.3	1.71	56160.18	56153.83984	56148.12615	56141.42578	504928.8	5408518.8
L4930.0	504928.8	5408520.5	10158.20020	283.94	91.31	48.829643	-86.932843	56158.77	56248.3	1.70	56160.48	56154.22656	56148.55602	56141.92969	504928.8	5408520.5
L4930.0	504928.8	5408521.2	10158.29981	284.87	95.07	48.829650	-86.932843	56159.78	56248.3	1.70	56161.48	56155.31250	56149.16957	56142.61719	504928.8	5408521.2
L4930.0	504928.8	5408522.7	10158.40039	286.22	95.07	48.829663	-86.932843	56159.06	56248.3	1.70	56160.76	56154.67969	56149.37030	56142.88672	504928.8	5408522.7

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4930.0	504928.8	5408524.1	10158.50000	284.30	96.77	48.829676	-86.932843	56159.70	56248.3	1.69	56161.39	56155.39453	56149.92566	56143.51172	504928.8	5408524.1
L4930.0	504928.8	5408524.1	10158.59961	284.74	91.6	48.829676	-86.932843	56159.73	56248.3	1.69	56161.42	56155.51172	56150.32641	56143.98438	504928.8	5408524.1
L4930.0	504928.8	5408525.8	10158.70020	282.78	93.32	48.829691	-86.932842	56160.08	56248.3	1.69	56161.77	56155.94531	56150.83307	56144.55859	504928.8	5408525.8
L4930.0	504928.8	5408528.2	10158.79981	283.06	89.58	48.829712	-86.932842	56160.03	56248.3	1.69	56161.72	56155.97656	56151.22426	56145.01563	504928.8	5408528.2
L4930.0	504928.8	5408528.2	10158.90039	284.07	89.58	48.829712	-86.932842	56160.14	56248.3	1.68	56161.82	56156.16016	56151.66874	56145.52344	504928.8	5408528.2
L4930.0	504928.8	5408529.1	10159.00000	286.49	87.02	48.829721	-86.932842	56160.56	56248.3	1.68	56162.24	56156.66406	56152.23557	56146.15234	504928.8	5408529.1
L4930.0	504928.8	5408530.8	10159.09961	287.01	77.08	48.829736	-86.932842	56160.56	56248.3	1.68	56162.25	56156.75781	56152.64765	56146.62500	504928.8	5408530.8
L4930.0	504928.8	5408532.7	10159.20020	287.15	77.08	48.829753	-86.932842	56161.04	56248.3	1.68	56162.72	56157.30859	56153.24299	56147.28125	504928.8	5408532.7
L4930.0	504928.8	5408532.7	10159.20020	287.15	78.44	48.829753	-86.932842	56161.43	56248.3	1.68	56163.11	56157.77734	56153.00565	56147.10547	504928.8	5408532.7
L4930.0	504928.8	5408534.1	10159.40039	284.76	78.44	48.829765	-86.932842	56160.99	56248.3	1.69	56162.68	56157.42969	56153.60859	56147.76172	504928.8	5408534.1
L4930.0	504928.8	5408535.7	10159.40039	284.76	78.81	48.829780	-86.932842	56161.21	56248.3	1.69	56162.90	56157.72656	56153.99183	56148.20313	504928.8	5408535.7
L4930.0	504928.8	5408537.1	10159.59961	289.60	79.62	48.829793	-86.932842	56161.45	56248.3	1.69	56163.14	56158.04688	56154.33988	56148.60547	504928.8	5408537.1
L4930.0	504928.8	5408537.1	10159.70020	290.41	80.14	48.829793	-86.932842	56161.85	56248.3	1.69	56163.54	56158.52344	56154.63091	56148.94922	504928.8	5408537.1
L4930.0	504928.8	5408538.5	10159.79981	290.41	87.58	48.829805	-86.932842	56161.68	56248.3	1.70	56163.38	56158.44141	56154.95069	56149.32031	504928.8	5408538.5
L4930.0	504928.8	5408539.7	10159.79981	290.85	87.58	48.829816	-86.932842	56161.62	56248.3	1.70	56163.32	56158.45703	56155.19632	56149.61328	504928.8	5408539.7
L4930.0	504928.8	5408540.9	10160.00000	295.04	91.48	48.829827	-86.932842	56161.86	56248.3	1.70	56163.56	56158.77344	56155.36268	56149.82813	504928.8	5408540.9
L4930.0	504928.8	5408542.3	10160.09961	294.31	91.48	48.829840	-86.932842	56161.54	56248.3	1.70	56163.25	56158.53516	56155.50564	56150.01953	504928.8	5408542.3
L4930.0	504928.8	5408542.3	10160.20020	292.56	92.95	48.829840	-86.932842	56161.62	56248.3	1.71	56163.33	56158.69141	56155.57051	56150.12891	504928.8	5408542.3
L4930.0	504928.8	5408544.2	10160.20020	292.56	92.16	48.829857	-86.932842	56161.71	56248.3	1.71	56163.42	56158.85156	56155.58339	56150.18359	504928.8	5408544.2
L4930.0	504928.8	5408545.6	10160.40039	289.99	92.16	48.829869	-86.932842	56161.92	56248.3	1.72	56163.64	56159.14453	56155.54072	56150.18359	504928.8	5408545.6
L4930.0	504928.8	5408547.0	10160.50000	290.90	92.12	48.829882	-86.932842	56161.48	56248.3	1.72	56163.20	56158.77344	56155.48538	56150.16797	504928.8	5408547.0
L4930.0	504928.8	5408548.5	10160.59961	290.03	90.08	48.829895	-86.932842	56161.26	56248.3	1.72	56162.99	56158.63281	56155.38329	56150.10547	504928.8	5408548.5
L4930.0	504928.8	5408548.5	10160.70020	289.90	90.69	48.829895	-86.932842	56161.58	56248.3	1.73	56163.31	56159.02344	56155.20552	56149.96484	504928.8	5408548.5
L4930.0	504928.8	5408550.2	10160.79981	291.02	90.69	48.829911	-86.932842	56161.57	56248.3	1.73	56163.30	56159.08203	56155.01570	56149.81250	504928.8	5408550.2
L4930.0	504928.8	5408552.5	10160.90039	287.19	89.84	48.829932	-86.932842	56161.25	56248.3	1.74	56162.98	56158.82813	56154.83540	56149.66797	504928.8	5408552.5
L4930.0	504928.8	5408552.5	10161.00000	288.74	89.84	48.829932	-86.932842	56161.36	56248.3	1.74	56163.10	56159.01172	56154.57851	56149.44141	504928.8	5408552.5
L4930.0	504928.9	5408554.0	10161.09961	286.33	78.91	48.829945	-86.932841	56160.77	56248.3	1.74	56162.51	56158.48828	56154.42485	56149.32031	504928.9	5408554.0
L4930.0	504928.9	5408555.2	10161.20020	285.28	88.37	48.829955	-86.932841	56161.07	56248.3	1.74	56162.81	56158.85156	56154.10641	56149.03516	504928.9	5408555.2
L4930.0	504928.9	5408556.3	10161.20020	285.28	80.08	48.829966	-86.932841	56161.42	56248.3	1.74	56163.16	56159.26563	56153.75460	56148.71094	504928.9	5408556.3
L4930.0	504928.9	5408556.3	10161.29981	284.15	80.94	48.829966	-86.932841	56161.18	56248.3	1.74	56162.92	56159.08594	56153.53866	56148.52344	504928.9	5408556.3
L4930.0	504928.9	5408558.0	10161.50000	287.01	81.44	48.829981	-86.932840	56160.21	56248.3	1.75	56161.95	56158.17578	56153.54665	56148.55859	504928.9	5408558.0
L4930.0	504929.0	5408559.4	10161.59961	287.98	81.44	48.829994	-86.932840	56160.64	56248.3	1.75	56162.39	56158.67578	56153.18455	56148.21875	504929.0	5408559.4
L4930.0	504929.0	5408561.0	10161.70020	288.61	81.16	48.830007	-86.932839	56160.48	56248.3	1.75	56162.22	56158.56250	56153.01674	56148.07813	504929.0	5408561.0
L4930.0	504929.0	5408562.1	10161.79981	286.41	81.16	48.830017	-86.932839	56160.69	56248.3	1.75	56162.44	56158.83984	56152.74946	56147.83203	504929.0	5408562.1
L4930.0	504929.1	5408563.5	10161.90039	286.98	85.47	48.830030	-86.932839	56160.84	56248.3	1.75	56162.59	56159.04688	56152.52380	56147.62891	504929.1	5408563.5
L4930.0	504929.1	5408564.9	10162.00000	285.62	81.36	48.830043	-86.932838	56159.78	56248.3	1.75	56161.53	56158.03906	56152.64328	56147.76953	504929.1	5408564.9
L4930.0	504929.1	5408564.9	10162.09961	284.75	87.47	48.830043	-86.932838	56160.14	56248.2	1.75	56161.89	56158.45313	56152.73663	56147.87891	504929.1	5408564.9
L4930.0	504929.1	5408566.4	10162.20020	285.62	87.47	48.830056	-86.932838	56160.46	56248.2	1.75	56162.22	56158.83594	56152.21331	56147.37500	504929.1	5408566.4
L4930.0	504929.1	5408567.6	10162.29981	288.75	87.06	48.830067	-86.932837	56160.16	56248.2	1.76	56161.92	56158.58594	56152.18302	56147.36328	504929.1	5408567.6
L4930.0	504929.2	5408569.1	10162.40039	287.73	87.33	48.830081	-86.932837	56159.78	56248.2	1.76	56161.54	56158.25781	56152.17542	56147.37109	504929.2	5408569.1
L4930.0	504929.2	5408570.3	10162.50000	289.18	87.8	48.830091	-86.932836	56159.93	56248.2	1.76	56161.69	56158.45703	56151.98947	56147.19922	504929.2	5408570.3
L4930.0	504929.2	5408571.4	10162.59961	286.67	87.8	48.830102	-86.932836	56159.78	56248.2	1.76	56161.54	56158.35156	56151.88934	56147.11328	504929.2	5408571.4
L4930.0	504929.2	5408571.4	10162.70020	289.18	88.52	48.830102	-86.932836	56159.45	56248.2	1.76	56161.21	56158.07031	56151.83119	56147.06641	504929.2	5408571.4
L4930.0	504929.2	5408572.8	10162.79981	288.00	88.79	48.830114	-86.932836	56159.57	56248.2	1.77	56161.34	56158.24609	56151.61569	56146.86328	504929.2	5408572.8
L4930.0	504929.3	5408574.3	10162.90039	289.14	88.79	48.830127	-86.932836	56158.62	56248.2	1.77	56160.39	56157.33984	56151.71246	56146.96875	504929.3	5408574.3
L4930.0	504929.3	5408575.7	10163.00000	288.14	91.47	48.830140	-86.932835	56159.02	56248.2	1.77	56160.79	56157.78125	56151.37898	56146.64453	504929.3	5408575.7
L4930.0	504929.3	5408576.6	10163.09961	286.09	88.41	48.830148	-86.932835	56159.05	56248.2	1.77	56160.82	56157.85156	56151.13862	56146.41406	504929.3	5408576.6
L4930.0	504929.3	5408577.7	10163.20020	288.33	88.62	48.830158	-86.932835	56158.61	56248.2	1.78	56160.39	56157.46094	56151.01992	56146.30469	504929.3	5408577.7
L4930.0	504929.3	5408579.1	10163.20020	288.33	88.62	48.830170	-86.932835	56157.88	56248.2	1.78	56159.66	56156.77344	56150.97924	56146.26953	504929.3	5408579.1
L4930.0	504929.3	5408580.5	10163.40039	289.06	89.94	48.830183	-86.932835	56158.26	56248.2	1.79	56160.05	56157.19922	56150.57215	56145.87109	504929.3	5408580.5
L4930.0	504929.3	5408581.9	10163.50000	288.07	91.19	48.830195	-86.932834	56157.88	56248.2	1.79	56159.66	56156.84766	56150.39747	56145.69922	504929.3	5408581.9
L4930.0	504929.3	5408581.9	10163.59961	287.20	91.24	48.830195	-86.932834	56157.63	56248.2	1.79	56159.42	56156.64063	56150.39878	56145.70703	504929.3	5408581.9
L4930.0	504929.4	5408583.3	10163.70020	287.86	90.88	48.830208	-86.932834	56157.50	56248.2	1.80	56159.30	56156.55469	56150.17535	56145.48828	504929.4	5408583.3
L4930.0	504929.4	5408584.7	10163.79981	286.60	90.88	48.830220	-86.932834	56157.15	56248.2	1.80	56158.95	56156.23828	56149.84810	56145.16406	504929.4	5408584.7
L4930.0	504929.4	5408585.6	10163.90039	287.34	86.73	48.830229	-86.932834	56157.66	56248.2	1.81	56159.46	56156.78125	56149.87486	56145.19531	504929.4	5408585.6
L4930.0	504929.4	5408587.2	10164.00000	285.87	89.76	48.830243	-86.932834	56156.99	56248.2	1.81	56158.80	56156.14844	56149.41040	56144.73438	504929.4	5408587.2
L4930.0	504929.4	5408588.4	10164.09961	286.95	89.76	48.830254	-86.932834	56156.79	56248.2	1.81	56158.60	56155.98047	56149.13536	56144.46094	504929.4	5408588.4
L4930.0	504929.4	5408588.4	10164.20020	285.22	87.27	48.830254	-86.932834	56156.79	56248.2	1.81	56158.60	56156.00781	56148.94048	56144.26563	504929.4	5408588.4
L4930.0	504929.4	5408589.7	10164.29981	286.43	87.48	48.830266	-86.932834	56155.96	56248.2	1.82	56157.78	56155.21484	56148.41670	56143.74609	504929.4	5408589.7
L4930.0	504929.4	5408591.3	10164.40039	284.45	86.46	48.830280	-86.932834	56155.90	56248.2	1.82	56157.72	56155.17969	56148.20022	56143.53125	504929.4	5408591.3
L4930.0	504929.4	5408592.7	10164.50000	286.49	86.46	48.830292	-86.932834	56156.02	56248.2	1.82	56157.84	56155.32422	56148.05573	56143.38672	504929.4	5408592.7
L4930.0	504929.4	5408593.4	10164.59961	287.21	85.18	48.830299	-86.932834	56155.83	56248.2	1.82	56157.65	56155.15625	56147.79098	56143.12109	504929.4	5408593.4
L4930.0	504929.4	5408594.6	10164.70020	286.37	85.18	48.830310	-86.932834	56155.20	56248.2	1.82	56157.03	56154.55859	56147.36201	56142.69141	504929.4	5408594.6
L4930.0	504929.4	5408596.2	10164.79981	288.03	86.79	48.830324	-86.932834	56154.88	56248.2	1.83	56156.70	56154.25000	56147.04985	56142.37891	504929.4	5408596.2
L4930.0	504929.4	5408596.2	10164.90039	288.26	88.48	48.830324	-86.932834	56154.84	56248.2	1.83	56156.67	56154.24219	56146.85660	56142.18750	504929.4	5408596.2
L4930.0	504929.3	5408597.9	10165.00000	287.46	86.84	48.830340	-86.932834	56154.01	56248.2	1.83	56155.84	56153.42969	56146.35729	56141.68750	504929.3	5408597.9
L4930.0	504929.3	5408599.5	10165.09961	286.56	86.84	48.830354	-86.932834	56154.38	56248.2	1.83	56156.21	56153.81641	56146.32294	56141.65234	504929.3	5408599.5
L4930.0	504929.3	5408600.7	10165.20020	285.81	87.24	48.830365	-86.932835	56153.58	56248.2	1.84	56155.42	56153.04297	56145.84413	56141.17188	504929.3	5408600.7
L4930.0	504929.3	5408602.0	10165.20020	285.81	87.24	48.830377	-86.932835	56153.30	56248.2	1.84	56155.14	56152.77734	56145.56338	56140.89063	504929.3	5408602.0
L4930.0	504929.3	5408603.5	10165.40039	287.62	87.44	48.830390	-86.932835	56152.68	56248.2	1.85	56154.52	56152.17188	56145.15261	56140.48047	504929.3	5408603.5
L4930.0	504929.3	5408603.5	10165.50000	286.81	89.17	48.830390	-86.932835	56152.54	56248.1	1.85	56154.39	56152.05469	56144.93068	56140.25781	504929.3	5408603.5
L4930.0	504929.3	5408604.7	10165.59961	283.98	87.54	48.830401	-86.932835	56152.70	56248.1	1.85	56154.55	56152.22656	56144.82053	56140.14453	504929.3	5408604.7
L4930.0	504929.3	5408606.3	10165.70020	283.61	87.62	48.830415	-86.932835	56151.94	56248.1	1.86	56153.80	56151.48828	56144.35654	56139.67969	504929.3	5408606.3
L4930.0	504929.2	5408607.7	10165.79981	285.30	87.62	48.830428	-86.932835	56152.43	56248.1	1.86	56154.30	56151.99609	56144.37567	56139.69922	504929.2	5408607.7
L4930.0	504929.2	5408607.7	10165.90039	286.22	87.84	48.830428	-86.932835	56151.16	56248.1	1.87	56153.03	56150.73438	56143.70204	56139.02734	504929.2	5408607.7
L4930.0	504929.2	5408610.6	10166.00000	288.89	86.84	48.830454	-86.932836	56151.71	56248.1	1.87	56153.58	56151.29297	56143.73537	56139.05859	504929.2	5408610.6
L4930.0	504929.2	5408611.0	10166.09961	288.13	86.84	48.830458	-86.932836	56150.57	56248.1	1.88	56152.44	56150.15625	56143.10299	56138.42578	504929.2	5408611.0
L4930.0	504929.2	5408612.5	10166.20020	288.95	86.98	48.830471	-86.932836	56150.08	56248.1	1.88	56151.96	56149.68359	56142.72552	56138.05078	504929.2	5408612.5
L4930.0	504929.2	5408613.9	10166.29981	288.54	84.49	48.830484	-86.932836	56149.87	56248.1	1.89	56151.75	56149.47656	56142.45179	56137.77734	504929.2	5408613.9
L4930.0	504929.2	5408613.9	10166.40039	287.90	88.2	48.830484	-86.932836	56149.78	56248.1	1.89	56151.67	56149.39844	56142.22860	56137.55859	504929.2	5408613.9
L4930.0	504929.2	5408615.3	10166.50000	286.11	88.2	48.830496	-86.932836	56149.16	56248.1	1.90	56151.06	56148.78906	56141.79540	56137.12500	504929.2	5408615.3
L4930.0	504929.2	5408617.0	10166.59961	282.88	87.85	48.830511	-86.932836	56148.72	56248.1	1.90	56150.62	56148.35156	56141.43099	56136.76172	504929.2	5408617.0
L4930.0	504929.2	5408618.0	10166.70020	285.41	80.14	48.830520	-86.932836	56148.47	56248.1	1.90	56150.37	56148.10156	56141.14579	56136.48047	504929.2	5408618.0
L4930.0	504929.2	5408618.0	10166.79981	285.90	80.14	48.830520	-86.932836	56147.95	56248.1	1.91	56149.85	56147.57813	56140.75575	56136.09375	504929.2	5408618.0
L4930.0	504929.1	5408619.8	10166.90039	286.92	81.13	48.830537	-86.932837	56147.38	56248.1	1.92	56149.29	56147.01563	56140.35238	56135.69531	504929.1	5408619.8
L4930.0	504929.1	5408621.2	10167.00000	287.04	81.13	48.830550	-86.932837	56147.25	56248.1	1.92	56149.17	56146.89063	56140.13339	56135.48047	504929.1	5408621.2
L4930.0	504929.1	5408622.9	10167.09961	288.03	84.55	48.830565	-86.932837	56146.45	56248.1	1.92	56148.37	56146.08594	56139.63614	56134.98828	504929.1	5408622.9
L4930.0	504929.1	5408624.1	10167.20020	287.79	85.65	48.830575	-86.932837	56146.20	56248.1	1.93	56148.13	56145.83984	56139.37440	56134.73047	504929.1	5408624.1
L4930.0	504929.1	5408624.1	10167.20020	287.79	82.77	48.830575	-86.932837	56145.62	56248.1	1.93	56147.54	56145.24219	56138.96637	56134.33203	504929.1	5408624.1
L4930.0	504929.1	5408626.5	10167.40039	287.86	82.77	48.830597	-86.932837	56145.08	56248.1	1.93	56147.01	56144.70313	56138.25611	56133.62891	504929.1	5408626.5
L4930.0	504929.1	5408628.0	10167.50000	286.42	83.82	48.830610	-86.932837	56144.23	56248.1	1.93	56146.16	56143.84375	56138.01799	56133.39844	504929.1	5408628.0
L4930.0	504929.1	5408628.0	10167.59961	285.80	83.82	48.830610	-86.932837	56143.84	56248.1	1.94	56145.78	56143.45313	56137.62497	56133.01172	504929.1	5408628.0
L4930.0	504929.1	5408629.4	10167.70020	286.95	83.07	48.830623	-86.932837	56144.06	56248.1	1.94	56146.00	56143.66406	56137.05796	56132.45703	504929.1	5408629.4

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4930.0	504929.1	5408630.1	10167.79981	287.36	82.74	48.830630	-86.932837	56143.11	56248.1	1.94	56145.05	56142.69922	56136.81668	56132.22656	504929.1	5408630.1
L4930.0	504929.1	5408631.8	10167.90039	287.92	81.38	48.830645	-86.932837	56142.27	56248.1	1.95	56144.22	56141.85547	56136.52212	56131.94141	504929.1	5408631.8
L4930.0	504929.1	5408633.0	10168.00000	289.36	81.99	48.830655	-86.932837	56143.04	56248.1	1.95	56144.99	56142.61328	56135.81402	56131.24609	504929.1	5408633.0
L4930.0	504929.1	5408634.9	10168.09961	288.30	81.99	48.830672	-86.932837	56141.68	56248	1.95	56143.63	56141.23438	56135.62091	56131.06641	504929.1	5408634.9
L4930.0	504929.1	5408634.9	10168.20020	289.08	81.71	48.830672	-86.932837	56141.56	56248	1.96	56143.51	56141.09766	56135.11734	56130.57422	504929.1	5408634.9
L4930.0	504929.1	5408636.9	10168.29981	290.99	81.71	48.830690	-86.932836	56140.48	56248	1.96	56142.44	56140.01172	56134.80987	56130.28125	504929.1	5408636.9
L4930.0	504929.2	5408638.7	10168.40039	288.93	82.23	48.830707	-86.932836	56140.58	56248	1.96	56142.54	56140.08984	56134.23742	56129.72656	504929.2	5408638.7
L4930.0	504929.2	5408639.8	10168.50000	289.68	81.83	48.830716	-86.932836	56139.48	56248	1.96	56141.45	56138.98047	56133.89289	56129.39844	504929.2	5408639.8
L4930.0	504929.2	5408639.8	10168.59961	288.87	81.83	48.830716	-86.932836	56139.44	56248	1.97	56141.41	56138.91797	56133.32538	56128.84766	504929.2	5408639.8
L4930.0	504929.2	5408641.2	10168.70020	288.64	83.64	48.830729	-86.932836	56138.23	56248	1.97	56140.20	56137.68750	56132.96233	56128.50391	504929.2	5408641.2
L4930.0	504929.2	5408642.7	10168.79981	288.99	83.64	48.830742	-86.932836	56137.52	56248	1.97	56139.49	56136.95313	56132.48732	56128.05078	504929.2	5408642.7
L4930.0	504929.2	5408644.3	10168.90039	289.09	84.55	48.830757	-86.932836	56137.98	56248	1.98	56139.95	56137.38672	56131.79021	56127.37109	504929.2	5408644.3
L4930.0	504929.2	5408644.3	10169.00000	286.77	80.98	48.830757	-86.932836	56137.23	56248	1.98	56139.21	56136.62109	56131.28923	56126.89453	504929.2	5408644.3
L4930.0	504929.2	5408646.0	10169.09961	288.04	80.98	48.830772	-86.932836	56136.41	56248	1.98	56138.40	56135.78516	56130.78283	56126.41016	504929.2	5408646.0
L4930.0	504929.2	5408647.5	10169.20020	286.18	73.68	48.830785	-86.932836	56135.46	56248	1.99	56137.45	56134.80469	56130.28430	56125.93750	504929.2	5408647.5
L4930.0	504929.2	5408648.7	10169.20020	286.18	74.58	48.830797	-86.932836	56135.68	56248	1.99	56137.67	56134.99609	56129.57159	56125.25000	504929.2	5408648.7
L4930.0	504929.2	5408648.7	10169.40039	288.34	74.58	48.830797	-86.932836	56134.43	56248	2.00	56136.43	56133.72656	56129.09448	56124.79688	504929.2	5408648.7
L4930.0	504929.1	5408650.4	10169.50000	287.92	82.54	48.830812	-86.932836	56134.13	56248	2.00	56136.13	56133.39453	56128.44563	56124.17578	504929.1	5408650.4
L4930.0	504929.1	5408651.6	10169.59961	290.06	83.31	48.830823	-86.932836	56133.88	56248	2.00	56135.88	56133.10938	56127.77883	56123.53906	504929.1	5408651.6
L4930.0	504929.1	5408653.5	10169.70020	291.67	83.31	48.830839	-86.932837	56132.82	56248	2.01	56134.83	56132.02734	56127.24021	56123.02734	504929.1	5408653.5
L4930.0	504929.1	5408654.9	10169.79981	290.57	82	48.830852	-86.932837	56131.65	56248	2.01	56133.66	56130.82031	56126.71415	56122.53125	504929.1	5408654.9
L4930.0	504929.1	5408654.9	10169.90039	289.09	83.56	48.830852	-86.932837	56131.54	56248	2.02	56133.55	56130.67188	56126.00828	56121.85938	504929.1	5408654.9
L4930.0	504929.1	5408656.7	10170.00000	290.39	80.58	48.830868	-86.932837	56130.21	56248	2.02	56132.23	56129.31641	56125.49402	56121.37891	504929.1	5408656.7
L4930.0	504929.1	5408658.4	10170.09961	287.06	80.58	48.830883	-86.932837	56129.63	56248	2.02	56131.65	56128.69531	56124.85720	56120.77344	504929.1	5408658.4
L4930.0	504929.1	5408658.4	10170.20020	288.51	78.21	48.830883	-86.932837	56129.14	56248	2.03	56131.17	56128.17578	56124.20361	56120.15625	504929.1	5408658.4
L4930.0	504929.0	5408659.8	10170.29981	288.63	78.21	48.830897	-86.932838	56128.79	56248	2.03	56130.82	56127.78516	56123.53148	56119.51953	504929.0	5408659.8
L4930.0	504929.0	5408661.3	10170.40039	288.43	77.85	48.830910	-86.932838	56128.24	56248	2.04	56130.28	56127.19922	56122.88564	56118.91016	504929.0	5408661.3
L4930.0	504929.0	5408661.3	10170.50000	286.45	81.8	48.830910	-86.932838	56127.09	56248	2.04	56129.13	56126.00781	56122.31066	56118.37500	504929.0	5408661.3
L4930.0	504929.0	5408663.5	10170.59961	287.75	81.8	48.830930	-86.932838	56126.64	56248	2.04	56128.69	56125.51953	56121.64584	56117.75000	504929.0	5408663.5
L4930.0	504929.0	5408665.0	10170.70020	289.20	83.38	48.830943	-86.932838	56124.84	56248	2.05	56126.89	56123.67188	56121.11056	56117.25391	504929.0	5408665.0
L4930.0	504929.0	5408666.9	10170.79981	291.90	83.38	48.830960	-86.932839	56124.89	56247.9	2.05	56126.95	56123.68359	56120.39275	56116.57813	504929.0	5408666.9
L4930.0	504928.9	5408668.6	10170.90039	290.31	85.67	48.830975	-86.932839	56124.24	56247.9	2.06	56126.30	56122.98438	56119.73910	56115.96875	504928.9	5408668.6
L4930.0	504928.9	5408668.6	10171.00000	289.51	85.67	48.830975	-86.932839	56123.23	56247.9	2.06	56125.29	56121.92188	56119.10155	56115.37500	504928.9	5408668.6
L4930.0	504928.9	5408670.1	10171.09961	290.05	85.33	48.830989	-86.932839	56122.11	56247.9	2.06	56124.17	56120.75000	56118.45396	56114.77344	504928.9	5408670.1
L4930.0	504928.9	5408670.1	10171.20020	291.98	85.33	48.830989	-86.932839	56121.38	56247.9	2.06	56123.45	56119.97656	56117.78126	56114.14453	504928.9	5408670.1
L4930.0	504928.9	5408671.8	10171.20020	291.98	86.44	48.831004	-86.932839	56120.87	56247.9	2.06	56122.93	56119.40234	56117.10247	56113.51563	504928.9	5408671.8
L4930.0	504928.9	5408673.1	10171.40039	291.70	86.44	48.831016	-86.932839	56120.14	56247.9	2.07	56122.21	56118.62500	56116.41992	56112.87891	504928.9	5408673.1
L4930.0	504928.9	5408674.8	10171.50000	290.21	86.13	48.831031	-86.932839	56119.64	56247.9	2.07	56121.71	56118.06641	56115.73752	56112.24609	504928.9	5408674.8
L4930.0	504928.9	5408674.8	10171.59961	290.47	86.06	48.831031	-86.932839	56118.45	56247.9	2.07	56120.52	56116.81641	56115.01565	56111.57422	504928.9	5408674.8
L4930.0	504928.9	5408676.5	10171.70020	292.47	86.06	48.831047	-86.932840	56117.51	56247.9	2.07	56119.59	56115.82422	56114.28663	56110.89453	504928.9	5408676.5
L4930.0	504928.9	5408678.4	10171.79981	289.67	85.43	48.831064	-86.932840	56116.75	56247.9	2.08	56118.83	56115.00000	56113.55646	56110.21484	504928.9	5408678.4
L4930.0	504928.8	5408679.9	10171.90039	289.31	85.43	48.831077	-86.932840	56115.94	56247.9	2.08	56118.02	56114.12500	56112.81029	56109.52344	504928.8	5408679.9
L4930.0	504928.8	5408679.9	10172.00000	288.24	86.43	48.831077	-86.932840	56115.01	56247.9	2.08	56117.09	56113.12891	56112.03718	56108.80469	504928.8	5408679.9
L4930.0	504928.8	5408681.4	10172.09961	289.99	86.12	48.831091	-86.932840	56113.36	56247.9	2.08	56115.44	56111.41406	56111.14005	56107.96094	504928.8	5408681.4
L4930.0	504928.8	5408683.1	10172.20020	290.13	86.12	48.831106	-86.932840	56112.58	56247.9	2.08	56114.66	56110.56250	56110.35072	56107.22656	504928.8	5408683.1
L4930.0	504928.8	5408683.1	10172.29981	292.38	83.24	48.831106	-86.932840	56111.06	56247.9	2.09	56113.15	56108.98438	56109.41728	56106.34766	504928.8	5408683.1
L4930.0	504928.8	5408684.5	10172.40039	290.92	85.98	48.831119	-86.932840	56110.43	56247.9	2.09	56112.52	56108.28125	56108.63270	56105.62109	504928.8	5408684.5
L4930.0	504928.8	5408686.5	10172.50000	291.50	85.98	48.831137	-86.932841	56109.31	56247.9	2.09	56111.40	56107.08594	56107.73830	56104.78125	504928.8	5408686.5
L4930.0	504928.8	5408687.8	10172.59961	292.37	83.29	48.831149	-86.932841	56107.88	56247.9	2.09	56109.97	56105.58203	56106.75339	56103.85547	504928.8	5408687.8
L4930.0	504928.8	5408687.8	10172.70020	290.13	83.29	48.831149	-86.932841	56106.83	56247.9	2.09	56108.93	56104.46484	56105.83956	56103.00000	504928.8	5408687.8
L4930.0	504928.8	5408689.5	10172.79981	292.20	86.02	48.831164	-86.932841	56106.79	56247.9	2.10	56108.88	56104.33594	56105.16317	56102.38281	504928.8	5408689.5
L4930.0	504928.8	5408691.0	10172.90039	292.26	85.76	48.831177	-86.932841	56104.96	56247.9	2.10	56107.06	56102.43750	56104.01894	56101.29688	504928.8	5408691.0
L4930.0	504928.8	5408692.9	10173.00000	294.16	85.76	48.831195	-86.932841	56105.02	56247.9	2.10	56107.12	56102.41406	56103.35040	56100.68750	504928.8	5408692.9
L4930.0	504928.8	5408692.9	10173.09961	295.00	85.76	48.831195	-86.932841	56103.65	56247.9	2.10	56105.75	56100.96094	56102.27909	56099.67969	504928.8	5408692.9
L4930.0	504928.8	5408694.6	10173.20020	293.11	85.43	48.831210	-86.932841	56103.29	56247.9	2.10	56105.39	56100.51563	56101.45743	56098.91797	504928.8	5408694.6
L4930.0	504928.8	5408696.1	10173.20020	293.11	80.99	48.831223	-86.932841	56102.00	56247.9	2.10	56104.10	56099.14063	56100.35730	56097.87891	504928.8	5408696.1
L4930.0	504928.8	5408697.6	10173.40039	295.43	80.99	48.831236	-86.932841	56100.23	56247.9	2.10	56102.33	56097.28125	56099.10552	56096.68750	504928.8	5408697.6
L4930.0	504928.8	5408697.6	10173.50000	294.96	81.92	48.831236	-86.932841	56099.31	56247.9	2.10	56101.40	56096.26172	56098.05585	56095.70313	504928.8	5408697.6
L4930.0	504928.8	5408699.0	10173.59961	291.99	81.92	48.831249	-86.932841	56098.13	56247.9	2.10	56100.23	56095.00000	56096.92063	56094.62891	504928.8	5408699.0
L4930.0	504928.7	5408700.9	10173.70020	291.48	80.43	48.831266	-86.932841	56097.25	56247.9	2.10	56099.35	56094.02734	56095.83472	56093.60547	504928.7	5408700.9
L4930.0	504928.7	5408700.9	10173.79981	291.96	80.43	48.831266	-86.932841	56095.71	56247.9	2.10	56097.81	56092.39453	56094.56951	56092.40234	504928.7	5408700.9
L4930.0	504928.7	5408702.3	10173.90039	292.14	79.28	48.831279	-86.932841	56095.35	56247.9	2.10	56097.45	56091.93750	56093.55314	56091.44922	504928.7	5408702.3
L4930.0	504928.7	5408703.5	10174.00000	290.58	79.21	48.831290	-86.932841	56093.34	56247.9	2.10	56095.44	56089.82813	56092.15574	56090.11328	504928.7	5408703.5
L4930.0	504928.7	5408705.0	10174.09961	291.60	79.21	48.831303	-86.932841	56091.43	56247.9	2.10	56093.53	56087.82031	56090.78210	56088.80469	504928.7	5408705.0
L4930.0	504928.7	5408706.8	10174.20020	290.71	80.69	48.831320	-86.932842	56090.04	56247.9	2.11	56092.15	56086.33984	56089.50867	56087.59375	504928.7	5408706.8
L4930.0	504928.7	5408706.8	10174.29981	290.17	80.69	48.831320	-86.932842	56088.24	56247.9	2.11	56090.36	56084.44531	56088.16020	56086.30859	504928.7	5408706.8
L4930.0	504928.7	5408708.5	10174.40039	288.62	77.45	48.831334	-86.932842	56086.88	56247.9	2.12	56089.00	56082.98047	56086.88350	56085.09375	504928.7	5408708.5
L4930.0	504928.7	5408710.2	10174.50000	287.92	69.35	48.831350	-86.932841	56086.14	56247.9	2.13	56088.27	56082.14453	56085.68763	56083.96094	504928.7	5408710.2
L4930.0	504928.7	5408711.8	10174.59961	287.98	69.35	48.831364	-86.932841	56085.06	56247.9	2.13	56087.18	56080.94922	56084.42505	56082.76172	504928.7	5408711.8
L4930.0	504928.7	5408711.8	10174.70020	288.96	69.35	48.831364	-86.932841	56083.19	56247.9	2.14	56085.32	56078.98047	56083.06483	56081.46094	504928.7	5408711.8
L4930.0	504928.7	5408713.2	10174.79981	290.65	68.77	48.831377	-86.932842	56081.82	56247.9	2.14	56083.96	56077.50781	56081.75711	56080.21484	504928.7	5408713.2
L4930.0	504928.7	5408713.2	10174.90039	290.70	69.36	48.831377	-86.932842	56080.66	56247.9	2.15	56082.81	56076.24609	56080.45665	56078.97656	504928.7	5408713.2
L4930.0	504928.7	5408714.8	10175.00000	291.30	69.36	48.831391	-86.932842	56079.06	56247.8	2.15	56081.21	56074.53516	56079.10518	56077.68750	504928.7	5408714.8
L4930.0	504928.7	5408716.3	10175.09961	291.92	73.66	48.831405	-86.932842	56078.31	56247.8	2.15	56080.46	56073.66797	56077.79769	56076.43750	504928.7	5408716.3
L4930.0	504928.6	5408717.2	10175.20020	291.34	72.62	48.831413	-86.932842	56075.97	56247.8	2.15	56078.13	56071.22266	56076.37650	56075.07813	504928.6	5408717.2
L4930.0	504928.6	5408718.8	10175.20020	291.34	72.62	48.831427	-86.932842	56074.74	56247.8	2.15	56076.89	56069.86719	56075.00400	56073.76563	504928.6	5408718.8
L4930.0	504928.6	5408718.8	10175.40039	288.94	71.51	48.831427	-86.932842	56072.89	56247.8	2.16	56075.05	56067.90625	56073.59388	56072.41406	504928.6	5408718.8
L4930.0	504928.6	5408720.2	10175.50000	287.96	71.01	48.831440	-86.932843	56070.51	56247.8	2.16	56072.67	56065.40625	56072.17291	56071.05078	504928.6	5408720.2
L4930.0	504928.6	5408721.6	10175.59961	288.44	71.01	48.831452	-86.932843	56069.35	56247.8	2.16	56071.51	56064.12500	56070.76479	56069.69922	504928.6	5408721.6
L4930.0	504928.5	5408722.8	10175.70020	287.01	70.5	48.831463	-86.932844	56067.60	56247.8	2.16	56069.77	56062.26172	56069.34910	56068.33984	504928.5	5408722.8
L4930.0	504928.5	5408724.6	10175.79981	290.10	70.5	48.831480	-86.932844	56065.96	56247.8	2.17	56068.12	56060.48828	56067.93254	56066.97656	504928.5	5408724.6
L4930.0	504928.5	5408726.0	10175.90039	290.95	70.43	48.831492	-86.932844	56064.34	56247.8	2.17	56066.51	56058.75000	56066.51528	56065.61328	504928.5	5408726.0
L4930.0	504928.5	5408726.0	10176.00000	293.51	71	48.831492	-86.932844	56062.02	56247.8	2.17	56064.19	56056.30469	56065.16518	56064.31641	504928.5	5408726.0
L4930.0	504928.5	5408727.7	10176.09961	293.27	71	48.831507	-86.932845	56060.47	56247.8	2.17	56062.64	56054.62500	56063.76534	56062.96875	504928.5	5408727.7
L4930.0	504928.5	5408728.8	10176.20020	292.68	72.68	48.831517	-86.932845	56058.62	56247.8	2.17	56060.79	56052.64844	56062.41086	56061.66797	504928.5	5408728.8
L4930.0	504928.5	5408730.6	10176.29981	292.36	72.68	48.831533	-86.932845	56057.59	56247.8	2.17	56059.76	56051.48828	56060.93460	56060.24219	504928.5	5408730.6
L4930.0	504928.5	5408730.6	10176.40039	290.54	72.2	48.831533	-86.932845	56055.70	56247.8	2.17	56057.87	56049.46484	56059.60124	56058.95703	504928.5	5408730.6
L4930.0	504928.5	5408732.0	10176.50000	289.01	72.2	48.831546	-86.932845	56053.94	56247.8	2.18	56056.12	56047.58594	56058.25433	56057.65625	504928.5	5408732.0
L4930.0	504928.5	5408733.1	10176.59961	286.67	72.44	48.831556	-86.932844	56052.22	56247.8	2.18	56054.39	56045.72266	56056.91103	56056.35938	504928.5	5408733.1
L4930.0	504928.5	5408734.4	10176.70020	286.90	72.74	48.831568	-86.932844	56049.97	56247.8	2.18	56052.15	56043.34766	56055.71160	56055.20313	504928.5	5408734.4
L4930.0	504928.5	5408735.9	10176.79981	285.80	72.74	48.831581	-86.932844	56048.64	56247.8	2.18	56050.82	56041.88281	56054.27134	56053.80859	504928.5	5408735.9
L4930.0	504928.5	5408737.0	10176.90039	286.60	73.19	48.831591	-86.932844	56046.76	56247.8	2.18	56048.94	56039.86719	56052.98539	56052.56250	504928.5	5408737.0
L4930.0	504928.5	5408738.3	10177.00000	286.99	72.28	48.831603	-86.932843	56045.22	56247.8	2.18	56047.40	56038.19141	56051.59092	56051.20703	504928.5	5408738.3

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4930.0	504928.5	5408738.3	10177.09961	286.66	68.94	48.831603	-86.932843	56043.16	56247.8	2.18	56045.34	56035.99219	56050.35733	56050.01172	504928.5	5408738.3
L4930.0	504928.6	5408740.0	10177.20020	285.82	68.94	48.831618	-86.932843	56041.13	56247.8	2.18	56043.30	56033.81641	56048.71899	56048.41016	504928.6	5408740.0
L4930.0	504928.6	5408741.5	10177.20020	285.82	68.94	48.831632	-86.932842	56039.63	56247.8	2.18	56041.81	56032.18750	56047.66276	56047.39063	504928.6	5408741.5
L4930.0	504928.6	5408742.9	10177.40039	285.50	70.42	48.831644	-86.932842	56037.22	56247.8	2.18	56039.40	56029.63672	56046.49828	56046.25781	504928.6	5408742.9
L4930.0	504928.6	5408742.9	10177.50000	284.83	69.75	48.831644	-86.932842	56035.94	56247.8	2.18	56038.11	56028.20703	56044.94303	56044.73438	504928.6	5408742.9
L4930.0	504928.7	5408744.3	10177.59961	286.34	69.75	48.831657	-86.932842	56034.24	56247.8	2.17	56036.41	56026.36719	56043.49653	56043.31641	504928.7	5408744.3
L4930.0	504928.7	5408745.5	10177.70020	287.41	67.03	48.831667	-86.932841	56032.59	56247.8	2.17	56034.77	56024.58984	56042.00959	56041.85938	504928.7	5408745.5
L4930.0	504928.7	5408747.0	10177.79981	286.15	69.12	48.831681	-86.932841	56029.82	56247.8	2.17	56031.99	56021.66797	56040.78119	56040.65625	504928.7	5408747.0
L4930.0	504928.7	5408747.0	10177.90039	287.38	69.12	48.831681	-86.932841	56027.84	56247.8	2.17	56030.01	56019.54688	56039.29451	56039.19141	504928.7	5408747.0
L4930.0	504928.8	5408748.6	10178.00000	287.73	68.47	48.831696	-86.932840	56026.70	56247.8	2.17	56028.87	56018.26563	56037.62031	56037.53906	504928.8	5408748.6
L4930.0	504928.8	5408750.0	10178.09961	287.56	68.83	48.831708	-86.932840	56024.12	56247.8	2.17	56026.29	56015.54688	56036.17292	56036.10938	504928.8	5408750.0
L4930.0	504928.8	5408751.4	10178.20020	288.67	68.83	48.831721	-86.932839	56023.11	56247.8	2.17	56025.28	56014.39453	56034.48973	56034.44531	504928.8	5408751.4
L4930.0	504928.8	5408751.4	10178.29981	287.34	69.74	48.831721	-86.932839	56021.46	56247.8	2.17	56023.63	56012.60156	56032.89346	56032.86328	504928.8	5408751.4
L4930.0	504928.9	5408753.0	10178.40039	289.71	69.74	48.831735	-86.932839	56020.20	56247.8	2.17	56022.36	56011.19141	56031.29181	56031.27344	504928.9	5408753.0
L4930.0	504928.9	5408754.7	10178.50000	290.96	70.28	48.831750	-86.932838	56017.72	56247.8	2.17	56019.88	56008.57031	56029.70895	56029.69922	504928.9	5408754.7
L4930.0	504928.9	5408755.9	10178.59961	292.31	68.89	48.831761	-86.932838	56017.04	56247.8	2.16	56019.20	56007.75000	56028.17531	56028.17578	504928.9	5408755.9
L4930.0	504929.0	5408757.0	10178.70020	292.81	68.89	48.831771	-86.932837	56015.20	56247.8	2.16	56017.36	56005.76953	56026.62892	56026.63281	504929.0	5408757.0
L4930.0	504929.0	5408757.0	10178.79981	293.09	67.58	48.831771	-86.932837	56013.20	56247.8	2.16	56015.36	56003.63281	56025.07668	56025.08594	504929.0	5408757.0
L4930.0	504929.0	5408758.9	10178.90039	292.48	67.58	48.831788	-86.932837	56012.23	56247.8	2.16	56014.39	56002.52344	56023.68754	56023.69531	504929.0	5408758.9
L4930.0	504929.0	5408760.4	10179.00000	291.90	60.82	48.831801	-86.932836	56010.19	56247.8	2.16	56012.35	56000.34375	56022.18745	56022.19531	504929.0	5408760.4
L4930.0	504929.1	5408761.7	10179.09961	292.74	60.82	48.831813	-86.932836	56008.94	56247.8	2.16	56011.10	55998.95703	56020.86693	56020.86719	504929.1	5408761.7
L4930.0	504929.1	5408761.7	10179.20020	292.09	60.7	48.831813	-86.932836	56008.18	56247.8	2.16	56010.35	55998.06641	56019.71677	56019.71094	504929.1	5408761.7
L4930.0	504929.1	5408763.4	10179.20020	292.09	60.7	48.831828	-86.932836	56007.02	56247.8	2.16	56009.18	55996.76172	56018.55076	56018.53516	504929.1	5408763.4
L4930.0	504929.1	5408765.1	10179.40039	292.01	62.03	48.831843	-86.932835	56005.63	56247.8	2.17	56007.80	55995.24609	56017.40011	56017.37109	504929.1	5408765.1
L4930.0	504929.1	5408767.0	10179.50000	291.77	64.94	48.831861	-86.932835	56004.22	56247.8	2.17	56006.39	55993.69922	56016.30575	56016.26172	504929.1	5408767.0
L4930.0	504929.1	5408767.0	10179.59961	291.88	64.94	48.831861	-86.932835	56002.90	56247.8	2.17	56005.07	55992.24609	56015.30264	56015.24219	504929.1	5408767.0
L4930.0	504929.1	5408768.5	10179.70020	292.88	67.57	48.831874	-86.932835	56002.24	56247.8	2.17	56004.41	55991.45313	56014.54585	56014.46484	504929.1	5408768.5
L4930.0	504929.2	5408770.1	10179.79981	292.12	67.57	48.831888	-86.932835	56001.26	56247.8	2.18	56003.43	55990.34375	56013.78232	56013.67969	504929.2	5408770.1
L4930.0	504929.2	5408771.5	10179.90039	291.71	61.93	48.831901	-86.932834	55999.69	56247.8	2.18	56001.87	55988.65234	56012.94081	56012.81250	504929.2	5408771.5
L4930.0	504929.2	5408771.5	10180.00000	291.22	61.93	48.831901	-86.932834	55998.75	56247.8	2.18	56000.93	55987.58203	56012.33640	56012.17969	504929.2	5408771.5
L4930.0	504929.2	5408773.4	10180.09961	291.77	66.11	48.831918	-86.932834	55997.71	56247.8	2.18	55999.89	55986.41406	56011.77486	56011.58594	504929.2	5408773.4
L4930.0	504929.2	5408774.8	10180.20020	292.51	66.58	48.831931	-86.932834	55997.92	56247.8	2.18	56000.10	55986.49609	56011.59332	56011.37109	504929.2	5408774.8
L4930.0	504929.2	5408776.1	10180.29981	291.25	66.58	48.831943	-86.932834	55997.28	56247.8	2.18	55999.46	55985.73438	56011.24950	56010.98828	504929.2	5408776.1
L4930.0	504929.2	5408776.1	10180.40039	289.38	66.53	48.831943	-86.932834	55996.95	56247.8	2.18	55999.13	55985.27734	56011.03391	56010.73438	504929.2	5408776.1
L4930.0	504929.2	5408777.6	10180.50000	288.99	66.53	48.831956	-86.932834	55997.31	56247.8	2.17	55999.48	55985.50781	56011.03242	56010.68750	504929.2	5408777.6
L4930.0	504929.2	5408779.2	10180.59961	289.17	63.32	48.831971	-86.932834	55996.58	56247.8	2.17	55998.75	55984.65625	56010.81517	56010.42578	504929.2	5408779.2
L4930.0	504929.2	5408780.6	10180.70020	289.35	63.32	48.831984	-86.932834	55996.42	56247.8	2.17	55998.59	55984.37891	56010.78322	56010.34766	504929.2	5408780.6
L4930.0	504929.2	5408780.6	10180.79981	290.48	65.24	48.831984	-86.932834	55996.35	56247.8	2.17	55998.52	55984.19141	56010.82081	56010.33203	504929.2	5408780.6
L4930.0	504929.2	5408782.1	10180.90039	292.77	65.24	48.831996	-86.932833	55996.18	56247.8	2.17	55998.35	55983.90625	56010.88575	56010.34375	504929.2	5408782.1
L4930.0	504929.2	5408783.5	10181.00000	293.01	65.03	48.832009	-86.932833	55996.73	56247.8	2.17	55998.90	55984.34375	56011.17170	56010.57422	504929.2	5408783.5
L4930.0	504929.2	5408783.5	10181.09961	291.78	65.03	48.832009	-86.932833	55997.48	56247.8	2.17	55999.65	55984.98438	56011.55628	56010.89844	504929.2	5408783.5
L4930.0	504929.3	5408785.3	10181.20020	292.81	65.51	48.832026	-86.932833	55996.42	56247.8	2.16	55998.59	55983.81641	56011.57629	56010.85547	504929.3	5408785.3
L4930.0	504929.3	5408786.9	10181.20020	292.81	66.64	48.832040	-86.932833	55997.66	56247.8	2.16	55999.83	55984.94922	56012.17973	56011.39453	504929.3	5408786.9
L4930.0	504929.3	5408788.4	10181.29981	291.46	66.64	48.832053	-86.932833	55998.85	56247.8	2.16	56001.01	55986.02734	56012.82046	56011.96875	504929.3	5408788.4
L4930.0	504929.3	5408788.4	10181.50000	290.37	68.76	48.832053	-86.932833	55999.38	56247.8	2.15	56001.54	55986.45313	56013.36409	56012.44141	504929.3	5408788.4
L4930.0	504929.3	5408789.8	10181.59961	290.94	68.76	48.832066	-86.932833	56000.29	56247.8	2.15	56002.45	55987.26563	56014.04904	56013.05078	504929.3	5408789.8
L4930.0	504929.3	5408791.7	10181.70020	289.27	67.78	48.832083	-86.932833	55999.96	56247.9	2.15	56002.11	55986.82813	56014.50592	56013.43359	504929.3	5408791.7
L4930.0	504929.3	5408793.1	10181.79981	290.34	67.78	48.832096	-86.932833	56001.66	56247.9	2.15	56003.81	55988.43359	56015.47825	56014.32422	504929.3	5408793.1
L4930.0	504929.3	5408793.1	10181.90039	291.31	64.28	48.832096	-86.932833	56002.77	56247.9	2.14	56004.92	55989.45313	56016.37179	56015.13672	504929.3	5408793.1
L4930.0	504929.2	5408794.3	10182.00000	290.02	64.28	48.832106	-86.932833	56002.92	56247.9	2.14	56005.06	55989.50391	56017.10519	56015.78516	504929.2	5408794.3
L4930.0	504929.2	5408795.7	10182.09961	291.29	65.69	48.832119	-86.932833	56004.87	56247.9	2.14	56007.01	55991.36719	56018.29630	56016.89063	504929.2	5408795.7
L4930.0	504929.2	5408797.3	10182.20020	291.60	65.41	48.832134	-86.932834	56005.84	56247.9	2.15	56007.98	55992.25391	56019.32629	56017.83203	504929.2	5408797.3
L4930.0	504929.2	5408798.3	10182.29981	291.57	65.41	48.832142	-86.932834	56007.66	56247.9	2.15	56009.81	55994.00391	56020.59797	56019.01172	504929.2	5408798.3
L4930.0	504929.2	5408799.7	10182.40039	291.83	63.35	48.832155	-86.932834	56009.02	56247.8	2.15	56011.17	55995.28516	56021.82197	56020.14063	504929.2	5408799.7
L4930.0	504929.2	5408800.6	10182.50000	292.07	63.35	48.832164	-86.932834	56010.11	56247.8	2.15	56012.26	55996.30078	56023.04492	56021.26563	504929.2	5408800.6
L4930.0	504929.2	5408801.8	10182.59961	291.92	61.39	48.832174	-86.932834	56011.95	56247.8	2.16	56014.11	55998.07813	56024.47873	56022.59766	504929.2	5408801.8
L4930.0	504929.2	5408801.8	10182.70020	291.76	61.39	48.832174	-86.932834	56013.55	56247.8	2.16	56015.71	55999.60938	56025.91141	56023.92969	504929.2	5408801.8
L4930.0	504929.1	5408803.5	10182.79981	289.83	56.44	48.832189	-86.932834	56015.49	56247.8	2.16	56017.66	56001.49219	56027.45952	56025.37109	504929.1	5408803.5
L4930.0	504929.1	5408805.1	10182.90039	291.26	68.25	48.832204	-86.932835	56017.27	56247.8	2.17	56019.43	56003.19922	56029.01756	56026.82422	504929.1	5408805.1
L4930.0	504929.1	5408806.5	10183.00000	292.21	68.25	48.832216	-86.932835	56018.56	56247.8	2.17	56020.73	56004.43750	56030.53780	56028.23438	504929.1	5408806.5
L4930.0	504929.1	5408806.5	10183.09961	290.96	67.17	48.832216	-86.932835	56021.29	56247.8	2.17	56023.45	56007.10156	56032.34535	56029.92969	504929.1	5408806.5
L4930.0	504929.1	5408808.2	10183.20020	291.62	67.17	48.832231	-86.932835	56022.56	56247.8	2.17	56024.72	56008.31641	56033.95228	56031.42188	504929.1	5408808.2
L4930.0	504929.0	5408809.7	10183.20020	291.62	65.06	48.832245	-86.932836	56024.86	56247.8	2.17	56027.02	56010.56641	56035.76161	56033.11719	504929.0	5408809.7
L4930.0	504929.0	5408811.1	10183.40039	291.34	65.06	48.832257	-86.932836	56026.73	56247.8	2.16	56028.89	56012.39063	56037.54405	56034.78125	504929.0	5408811.1
L4930.0	504929.0	5408812.7	10183.50000	292.87	65.57	48.832272	-86.932836	56028.83	56247.8	2.16	56030.99	56014.44531	56039.39456	56036.51172	504929.0	5408812.7
L4930.0	504929.0	5408812.7	10183.59961	294.20	65.57	48.832272	-86.932836	56031.43	56247.8	2.16	56033.59	56017.00391	56041.32933	56038.32422	504929.0	5408812.7
L4930.0	504929.0	5408814.2	10183.70020	291.00	65.61	48.832285	-86.932836	56033.18	56247.8	2.16	56035.34	56018.71484	56043.19985	56040.07031	504929.0	5408814.2
L4930.0	504929.0	5408815.3	10183.79981	291.01	63.76	48.832295	-86.932836	56034.97	56247.8	2.15	56037.12	56020.46094	56045.10995	56041.85156	504929.0	5408815.3
L4930.0	504929.0	5408816.8	10183.90039	288.76	63.76	48.832309	-86.932837	56037.63	56247.8	2.15	56039.79	56023.10156	56047.10867	56043.72266	504929.0	5408816.8
L4930.0	504929.0	5408818.2	10184.00000	289.48	65.41	48.832322	-86.932837	56040.41	56247.8	2.15	56042.56	56025.84375	56049.11461	56045.59766	504929.0	5408818.2
L4930.0	504928.9	5408819.9	10184.09961	291.53	65.41	48.832336	-86.932837	56042.99	56247.9	2.15	56045.14	56028.39844	56051.11047	56047.46484	504928.9	5408819.9
L4930.0	504928.9	5408819.9	10184.20020	292.12	65.08	48.832336	-86.932837	56044.94	56247.9	2.15	56047.09	56030.32813	56053.09665	56049.31641	504928.9	5408819.9
L4930.0	504928.9	5408821.3	10184.29981	291.48	66.42	48.832349	-86.932837	56047.34	56247.9	2.15	56049.49	56032.70703	56055.09485	56051.17969	504928.9	5408821.3
L4930.0	504928.9	5408822.7	10184.40039	291.10	66.42	48.832362	-86.932837	56049.56	56247.9	2.15	56051.71	56034.91406	56057.09428	56053.04297	504928.9	5408822.7
L4930.0	504928.9	5408824.1	10184.50000	289.49	65.87	48.832375	-86.932837	56051.82	56247.9	2.15	56053.97	56037.16406	56059.09312	56054.90234	504928.9	5408824.1
L4930.0	504928.9	5408824.1	10184.59961	290.24	65.71	48.832375	-86.932837	56054.93	56247.9	2.14	56057.08	56040.26563	56061.04744	56056.71875	504928.9	5408824.1
L4930.0	504928.9	5408826.1	10184.70020	288.90	65.71	48.832392	-86.932837	56056.78	56247.9	2.14	56058.92	56042.10156	56063.05628	56058.58594	504928.9	5408826.1
L4930.0	504928.9	5408827.3	10184.79981	288.73	65.71	48.832403	-86.932837	56059.71	56247.9	2.14	56061.85	56045.02734	56064.99025	56060.37891	504928.9	5408827.3
L4930.0	504928.9	5408828.8	10184.90039	288.56	65.69	48.832417	-86.932837	56060.98	56247.9	2.14	56063.12	56046.30078	56067.04220	56062.28906	504928.9	5408828.8
L4930.0	504928.9	5408829.9	10185.00000	291.14	64.41	48.832427	-86.932837	56063.48	56247.9	2.14	56065.62	56048.80469	56068.99531	56064.09766	504928.9	5408829.9
L4930.0	504928.9	5408829.9	10185.09961	290.51	64.41	48.832427	-86.932837	56067.04	56247.9	2.14	56069.19	56052.38672	56070.84655	56065.80078	504928.9	5408829.9
L4930.0	504928.9	5408831.3	10185.20020	288.73	63.96	48.832440	-86.932837	56069.05	56247.9	2.15	56071.20	56054.40625	56072.82969	56067.64063	504928.9	5408831.3
L4930.0	504928.9	5408832.6	10185.20020	288.73	63.96	48.832451	-86.932837	56071.02	56247.9	2.15	56073.17	56056.39063	56074.81200	56069.47266	504928.9	5408832.6
L4930.0	504928.9	5408834.0	10185.40039	286.79	61.99	48.832464	-86.932837	56073.20	56247.8	2.16	56075.36	56058.60156	56076.77088	56071.28516	504928.9	5408834.0
L4930.0	504928.9	5408836.0	10185.50000	289.24	64.97	48.832481	-86.932837	56076.38	56247.8	2.16	56078.54	56061.80078	56078.66476	56073.03125	504928.9	5408836.0
L4930.0	504928.9	5408837.7	10185.59961	287.48	64.97	48.832496	-86.932837	56078.75	56247.8	2.16	56080.92	56064.20703	56080.62180	56074.83984	504928.9	5408837.7
L4930.0	504928.9	5408837.7	10185.70020	289.29	60.65	48.832496	-86.932837	56081.09	56247.8	2.17	56083.25	56066.56641	56082.58685	56076.65625	504928.9	5408837.7
L4930.0	504928.9	5408839.2	10185.79981	287.52	60.65	48.832510	-86.932837	56083.49	56247.8	2.17	56085.66	56069.00781	56084.55906	56078.47656	504928.9	5408839.2
L4930.0	504928.9	5408839.2	10185.90039	287.25	59.98	48.832510	-86.932837	56085.23	56247.8	2.18	56087.41	56070.79297	56086.53048	56080.29688	504928.9	5408839.2
L4930.0	504928.9	5408840.5	10186.00000	287.49	59.98	48.832522	-86.932837	56088.57	56247.8	2.18	56090.75	56074.16797	56088.56600	56082.18359	504928.9	5408840.5
L4930.0	504928.9	5408842.0	10186.09961	290.15	59.34	48.832536	-86.932837	56089.36	56247.8	2.18	56091.54	56075.00000	56090.46664	56083.93359	504928.9	5408842.0
L4930.0	504928.9	5408844.0	10186.20020	289.52	59.34	48.832553	-86.932837	56091.81	56247.8	2.18	56093.98	56077.48438	56092.47831	56085.79297	504928.9	5408844.0
L4930.0	504928.9	5408845.7	10186.29981	290.30	63.04	48.832569	-86.932837	56093.74	56247.8	2.18	56095.91	56079.46094	56094.44006	56087.60547	504928.9	5408845.7

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4930.0	504928.9	5408845.7	10186.40039	289.76	59.46	48.832569	-86.932837	56096.11	56247.8	2.18	56098.28	56081.87891	56096.47284	56089.48438	504928.9	5408845.7
L4930.0	504928.9	5408847.1	10186.50000	290.14	59.46	48.832582	-86.932837	56098.72	56247.8	2.18	56100.89	56084.54297	56098.57392	56091.43750	504928.9	5408847.1
L4930.0	504928.9	5408848.6	10186.59961	292.14	60.81	48.832595	-86.932837	56101.46	56247.8	2.17	56103.64	56087.34766	56100.73769	56093.44922	504928.9	5408848.6
L4930.0	504928.9	5408850.1	10186.70020	295.29	60.81	48.832608	-86.932837	56103.88	56247.8	2.17	56106.05	56089.81641	56102.84169	56095.40234	504928.9	5408850.1
L4930.0	504928.9	5408850.1	10186.79981	296.76	60.96	48.832608	-86.932837	56105.21	56247.8	2.17	56107.39	56091.21484	56104.63770	56097.05078	504928.9	5408850.1
L4930.0	504928.9	5408852.0	10186.90039	293.20	60.96	48.832626	-86.932837	56107.39	56247.8	2.17	56109.56	56093.44922	56106.65184	56098.91406	504928.9	5408852.0
L4930.0	504928.9	5408853.5	10187.00000	294.85	55.32	48.832639	-86.932837	56108.61	56247.8	2.17	56110.78	56094.73828	56108.33502	56100.44922	504928.9	5408853.5
L4930.0	504928.9	5408854.9	10187.09961	294.85	62.56	48.832651	-86.932837	56111.06	56247.8	2.17	56113.23	56097.25391	56110.41643	56102.38281	504928.9	5408854.9
L4930.0	504928.9	5408856.1	10187.20020	295.64	62.56	48.832662	-86.932837	56113.54	56247.8	2.17	56115.71	56099.80859	56112.51009	56104.32813	504928.9	5408856.1
L4930.0	504928.9	5408856.1	10187.20020	295.64	63.89	48.832662	-86.932837	56114.95	56247.8	2.17	56117.11	56101.28125	56114.17962	56105.85156	504928.9	5408856.1
L4930.0	504928.9	5408857.5	10187.40039	293.40	60.79	48.832675	-86.932837	56116.76	56247.8	2.16	56118.92	56103.16797	56115.98278	56107.51172	504928.9	5408857.5
L4930.0	504928.9	5408859.4	10187.50000	290.71	60.79	48.832692	-86.932837	56117.88	56247.8	2.16	56120.04	56104.36719	56117.48306	56108.86719	504928.9	5408859.4
L4930.0	504928.9	5408859.4	10187.59961	293.32	60.79	48.832692	-86.932837	56120.12	56247.8	2.16	56122.28	56106.68750	56119.42140	56110.66016	504928.9	5408859.4
L4930.0	504928.8	5408862.4	10187.70020	292.82	59.55	48.832719	-86.932838	56121.89	56247.8	2.16	56124.05	56108.53906	56121.14923	56112.24609	504928.8	5408862.4
L4930.0	504928.8	5408862.4	10187.79981	292.91	59.55	48.832719	-86.932838	56124.06	56247.8	2.15	56126.21	56110.78516	56123.02454	56113.98047	504928.8	5408862.4
L4930.0	504928.8	5408863.8	10187.90039	291.84	62.96	48.832732	-86.932838	56126.14	56247.8	2.15	56128.29	56112.95313	56124.84869	56115.66797	504928.8	5408863.8
L4930.0	504928.8	5408863.8	10188.00000	291.34	64.54	48.832732	-86.932838	56128.11	56247.8	2.15	56130.26	56115.01563	56126.60714	56117.28906	504928.8	5408863.8
L4930.0	504928.8	5408865.8	10188.09961	290.77	64.54	48.832750	-86.932838	56129.53	56247.9	2.15	56131.67	56116.51563	56128.11307	56118.65625	504928.8	5408865.8
L4930.0	504928.8	5408867.2	10188.20020	292.47	63.04	48.832762	-86.932839	56130.91	56247.9	2.14	56133.06	56118.00000	56129.59633	56120.00391	504928.8	5408867.2
L4930.0	504928.8	5408868.6	10188.29981	294.04	63.04	48.832775	-86.932839	56132.69	56247.9	2.14	56134.83	56119.86719	56131.22252	56121.50000	504928.8	5408868.6
L4930.0	504928.8	5408870.1	10188.40039	292.12	56	48.832788	-86.932839	56134.06	56247.9	2.14	56136.19	56121.32422	56132.67149	56122.81641	504928.8	5408870.1
L4930.0	504928.8	5408870.1	10188.50000	293.65	56	48.832788	-86.932839	56135.67	56247.9	2.14	56137.80	56123.03516	56134.21310	56124.23047	504928.8	5408870.1
L4930.0	504928.8	5408871.7	10188.59961	293.24	62.96	48.832803	-86.932839	56137.46	56247.9	2.13	56139.60	56124.93750	56135.82071	56125.70703	504928.8	5408871.7
L4930.0	504928.8	5408872.9	10188.70020	294.50	62.96	48.832814	-86.932839	56138.96	56247.9	2.13	56141.09	56126.52734	56137.29924	56127.06250	504928.8	5408872.9
L4930.0	504928.7	5408874.1	10188.79981	292.49	57.53	48.832824	-86.932839	56141.18	56247.9	2.13	56143.31	56128.85547	56139.04636	56128.68359	504928.7	5408874.1
L4930.0	504928.7	5408875.9	10188.90039	294.21	54.37	48.832840	-86.932839	56143.06	56247.9	2.12	56145.18	56130.83203	56140.65006	56130.16797	504928.7	5408875.9
L4930.0	504928.7	5408877.0	10189.00000	292.74	54.37	48.832850	-86.932839	56144.36	56247.9	2.12	56146.48	56132.23828	56142.03372	56131.43359	504928.7	5408877.0
L4930.0	504928.7	5408877.0	10189.09961	293.95	54.85	48.832850	-86.932839	56146.07	56247.9	2.12	56148.19	56134.05859	56143.55665	56132.83984	504928.7	5408877.0
L4930.0	504928.7	5408878.7	10189.20020	292.98	63.13	48.832865	-86.932839	56147.76	56247.9	2.12	56149.88	56135.85938	56145.05759	56134.22656	504928.7	5408878.7
L4930.0	504928.7	5408880.3	10189.20020	292.98	63.13	48.832880	-86.932839	56148.77	56247.9	2.12	56150.90	56136.98828	56146.30985	56135.36719	504928.7	5408880.3
L4930.0	504928.7	5408881.8	10189.29981	292.87	64.86	48.832894	-86.932840	56151.40	56247.9	2.12	56153.53	56139.73438	56148.09822	56137.04297	504928.7	5408881.8
L4930.0	504928.7	5408881.8	10189.40039	293.37	64.86	48.832894	-86.932840	56151.58	56247.9	2.12	56153.71	56140.02734	56149.04688	56137.88672	504928.7	5408881.8
L4930.0	504928.7	5408883.3	10189.50000	292.13	63.26	48.832907	-86.932840	56152.76	56247.9	2.13	56154.89	56141.32031	56150.32722	56139.06250	504928.7	5408883.3
L4930.0	504928.7	5408884.7	10189.59961	290.44	63.26	48.832920	-86.932840	56154.46	56247.9	2.13	56156.59	56143.13672	56151.76545	56140.39844	504928.7	5408884.7
L4930.0	504928.7	5408884.7	10189.70020	289.69	60.05	48.832920	-86.932840	56156.83	56247.9	2.13	56158.96	56145.62500	56153.39460	56141.92969	504928.7	5408884.7
L4930.0	504928.6	5408886.1	10189.79981	289.92	59.45	48.832932	-86.932840	56157.95	56247.9	2.13	56160.07	56146.85547	56154.63623	56143.07422	504928.6	5408886.1
L4930.0	504928.6	5408887.8	10189.90039	290.83	59.45	48.832948	-86.932840	56158.34	56247.9	2.13	56160.47	56147.37109	56155.68531	56144.03125	504928.6	5408887.8
L4930.0	504928.6	5408889.0	10190.00000	291.57	57.71	48.832959	-86.932841	56160.77	56247.9	2.13	56162.90	56149.92188	56157.30379	56145.55859	504928.6	5408889.0
L4930.0	504928.6	5408890.4	10190.20020	291.14	57.71	48.832971	-86.932841	56161.67	56247.9	2.12	56163.80	56150.94141	56158.49618	56146.66406	504928.6	5408890.4
L4930.0	504928.6	5408891.6	10190.20020	290.65	61.02	48.832981	-86.932841	56164.18	56247.9	2.12	56166.31	56153.57422	56160.10031	56148.18359	504928.6	5408891.6
L4930.0	504928.6	5408892.8	10190.29981	290.10	63.86	48.832992	-86.932841	56164.86	56247.9	2.12	56166.98	56154.36719	56161.22290	56149.22266	504928.6	5408892.8
L4930.0	504928.6	5408892.8	10190.50000	289.72	63.86	48.832992	-86.932841	56166.95	56247.9	2.11	56169.07	56156.57813	56162.67346	56150.59766	504928.6	5408892.8
L4930.0	504928.5	5408894.5	10190.59961	292.00	63.95	48.833007	-86.932842	56168.16	56247.9	2.11	56170.27	56157.90234	56163.89006	56151.73828	504928.5	5408894.5
L4930.0	504928.5	5408896.6	10190.70020	291.69	63.95	48.833027	-86.932842	56169.31	56247.9	2.11	56171.41	56159.16406	56165.07124	56152.84766	504928.5	5408896.6
L4930.0	504928.5	5408896.6	10190.79981	293.31	65.09	48.833027	-86.932842	56171.04	56247.9	2.11	56173.15	56161.02734	56166.33096	56154.03906	504928.5	5408896.6
L4930.0	504928.5	5408898.1	10190.90039	291.77	65.09	48.833040	-86.932842	56172.26	56247.9	2.10	56174.36	56162.36328	56167.45561	56155.09766	504928.5	5408898.1
L4930.0	504928.4	5408899.9	10191.00000	292.20	61.71	48.833056	-86.932843	56174.07	56247.9	2.10	56176.17	56164.29688	56168.62558	56156.20703	504928.4	5408899.9
L4930.0	504928.4	5408901.0	10191.09961	291.72	60.45	48.833066	-86.932843	56174.98	56247.9	2.10	56177.08	56165.32813	56169.65714	56157.17969	504928.4	5408901.0
L4930.0	504928.4	5408901.0	10191.20020	291.71	60.45	48.833066	-86.932843	56177.13	56247.9	2.10	56179.23	56167.60547	56170.75214	56158.21875	504928.4	5408901.0
L4930.0	504928.4	5408902.7	10191.20020	291.71	60.9	48.833082	-86.932843	56178.95	56247.9	2.10	56181.04	56169.53906	56171.75966	56159.17188	504928.4	5408902.7
L4930.0	504928.4	5408904.1	10191.29981	292.30	61.22	48.833094	-86.932844	56179.59	56247.9	2.10	56181.69	56170.31250	56172.75346	56160.11719	504928.4	5408904.1
L4930.0	504928.3	5408905.8	10191.50000	289.25	61.22	48.833110	-86.932844	56180.99	56247.9	2.10	56183.09	56171.83984	56173.74124	56161.06250	504928.3	5408905.8
L4930.0	504928.3	5408905.8	10191.59961	288.68	61.4	48.833110	-86.932844	56183.25	56247.9	2.10	56185.35	56174.22266	56174.62407	56161.90234	504928.3	5408905.8
L4930.0	504928.3	5408907.4	10191.70020	286.05	61.4	48.833124	-86.932845	56183.91	56247.9	2.10	56186.01	56175.00781	56175.69047	56162.92969	504928.3	5408907.4
L4930.0	504928.3	5408908.4	10191.79981	286.96	59.25	48.833133	-86.932845	56185.58	56247.9	2.10	56187.68	56176.80078	56176.62688	56163.83203	504928.3	5408908.4
L4930.0	504928.2	5408910.1	10191.90039	295.25	51.77	48.833148	-86.932846	56187.65	56247.9	2.10	56189.75	56178.99609	56177.47071	56164.64453	504928.2	5408910.1
L4930.0	504928.2	5408911.5	10192.00000	292.58	51.77	48.833161	-86.932846	56187.96	56247.9	2.10	56190.06	56179.42969	56178.76093	56165.90625	504928.2	5408911.5
L4930.0	504928.2	5408912.7	10192.09961	281.95	55.44	48.833172	-86.932846	56189.85	56247.9	2.10	56191.95	56181.44141	56179.69251	56166.81250	504928.2	5408912.7
L4930.0	504928.2	5408914.4	10192.20020	280.80	55.89	48.833187	-86.932846	56191.06	56247.9	2.10	56193.16	56182.77734	56180.85561	56167.95703	504928.2	5408914.4
L4930.0	504928.1	5408915.2	10192.29981	283.03	55.89	48.833194	-86.932847	56193.10	56247.9	2.10	56195.20	56184.93750	56181.80328	56168.88672	504928.1	5408915.2
L4930.0	504928.1	5408915.2	10192.40039	282.27	59.99	48.833194	-86.932847	56194.43	56247.9	2.10	56196.53	56186.39063	56183.35162	56170.42188	504928.1	5408915.2
L4930.0	504928.1	5408916.9	10192.50000	284.10	59.99	48.833209	-86.932847	56196.30	56247.9	2.10	56198.40	56188.38281	56184.77399	56171.83203	504928.1	5408916.9
L4930.0	504928.1	5408918.0	10192.59961	284.36	62.48	48.833219	-86.932847	56196.93	56247.9	2.10	56199.03	56189.13672	56185.73248	56172.78516	504928.1	5408918.0
L4930.0	504928.1	5408919.7	10192.70020	286.27	62.48	48.833235	-86.932847	56199.02	56247.9	2.10	56201.12	56191.34766	56186.89642	56173.94531	504928.1	5408919.7
L4930.0	504928.1	5408921.4	10192.79981	286.13	62.28	48.833250	-86.932847	56200.54	56247.9	2.10	56202.64	56192.98828	56188.32832	56175.37891	504928.1	5408921.4
L4930.0	504928.1	5408922.8	10192.90039	287.14	61.24	48.833262	-86.932847	56201.60	56247.9	2.10	56203.70	56194.16797	56189.97106	56177.02734	504928.1	5408922.8
L4930.0	504928.1	5408922.8	10193.00000	286.37	61.24	48.833262	-86.932847	56203.57	56247.9	2.10	56205.67	56196.25781	56191.43131	56178.49219	504928.1	5408922.8
L4930.0	504928.1	5408924.0	10193.09961	288.30	61.24	48.833273	-86.932847	56204.39	56247.9	2.10	56206.49	56197.19922	56193.25206	56180.32422	504928.1	5408924.0
L4930.0	504928.1	5408925.7	10193.20020	290.04	59.39	48.833288	-86.932847	56206.07	56247.9	2.10	56208.17	56198.99609	56194.92472	56182.01172	504928.1	5408925.7
L4930.0	504928.1	5408927.1	10193.20020	290.04	60.07	48.833301	-86.932847	56207.86	56247.9	2.10	56209.96	56200.90234	56196.65148	56183.75781	504928.1	5408927.1
L4930.0	504928.1	5408927.1	10193.40039	289.96	60.07	48.833301	-86.932847	56209.48	56247.9	2.10	56211.59	56202.65234	56198.46198	56185.58984	504928.1	5408927.1
L4930.0	504928.1	5408928.6	10193.50000	290.39	61.31	48.833314	-86.932846	56210.26	56247.9	2.10	56212.36	56203.53906	56200.34783	56187.50000	504928.1	5408928.6
L4930.0	504928.2	5408929.9	10193.59961	290.97	60.33	48.833326	-86.932846	56211.78	56247.9	2.11	56213.89	56205.18359	56202.17968	56189.35938	504928.2	5408929.9
L4930.0	504928.2	5408931.8	10193.70020	291.48	60.33	48.833343	-86.932846	56213.62	56247.9	2.11	56215.72	56207.12891	56204.02098	56191.23438	504928.2	5408931.8
L4930.0	504928.2	5408931.8	10193.79981	292.63	59.44	48.833343	-86.932846	56214.71	56247.9	2.11	56216.82	56208.34375	56205.78478	56193.03125	504928.2	5408931.8
L4930.0	504928.2	5408934.6	10193.90039	292.56	59.44	48.833368	-86.932845	56216.99	56247.9	2.11	56219.10	56210.73438	56207.62981	56194.91797	504928.2	5408934.6
L4930.0	504928.2	5408934.6	10194.00000	294.73	59.44	48.833368	-86.932845	56216.75	56247.9	2.11	56218.86	56210.60938	56209.05771	56196.38672	504928.2	5408934.6
L4930.0	504928.3	5408936.2	10194.09961	295.53	59.48	48.833383	-86.932845	56219.24	56247.9	2.11	56221.35	56213.21094	56210.86202	56198.23438	504928.3	5408936.2
L4930.0	504928.3	5408936.2	10194.20020	292.91	60.44	48.833383	-86.932845	56220.36	56247.9	2.11	56222.47	56214.44141	56212.36589	56199.78906	504928.3	5408936.2
L4930.0	504928.3	5408937.8	10194.29981	292.96	60.44	48.833398	-86.932845	56221.52	56247.9	2.11	56223.63	56215.71484	56213.81089	56201.28516	504928.3	5408937.8
L4930.0	504928.3	5408939.5	10194.40039	292.52	59.69	48.833413	-86.932844	56223.27	56247.9	2.11	56225.38	56217.57422	56215.34651	56202.87500	504928.3	5408939.5
L4930.0	504928.3	5408940.9	10194.50000	291.29	59.69	48.833425	-86.932844	56224.44	56247.9	2.11	56226.55	56218.85156	56216.69198	56204.27734	504928.3	5408940.9
L4930.0	504928.4	5408942.1	10194.59961	291.10	56.55	48.833436	-86.932843	56226.23	56247.9	2.11	56228.34	56220.75000	56218.15928	56205.80469	504928.4	5408942.1
L4930.0	504928.4	5408942.1	10194.70020	292.25	58.98	48.833436	-86.932843	56227.48	56247.9	2.11	56229.59	56222.10547	56219.44261	56207.15234	504928.4	5408942.1
L4930.0	504928.4	5408944.0	10194.79981	292.56	58.98	48.833453	-86.932843	56228.48	56247.9	2.11	56230.59	56223.21484	56220.61802	56208.39453	504928.4	5408944.0
L4930.0	504928.4	5408945.1	10194.90039	291.88	58.12	48.833463	-86.932843	56229.82	56247.9	2.11	56231.93	56224.66016	56221.85776	56209.70703	504928.4	5408945.1
L4930.0	504928.4	5408945.1	10195.00000	291.74	58.12	48.833463	-86.932843	56231.44	56247.9	2.11	56233.55	56226.38281	56223.15393	56211.07422	504928.4	5408945.1
L4930.0	504928.4	5408946.8	10195.09961	291.93	59.47	48.833478	-86.932843	56232.70	56247.9	2.11	56234.81	56227.74609	56224.32764	56212.32422	504928.4	5408946.8
L4930.0	504928.4	5408948.4	10195.20020	292.18	59.47	48.833493	-86.932842	56233.27	56247.9	2.11	56235.38	56228.42188	56225.28727	56213.36328	504928.4	5408948.4
L4930.0	504928.4	5408948.4	10195.20020	292.18	60.01	48.833493	-86.932842	56235.50	56247.9	2.11	56237.61	56230.75391	56226.72816	56214.88281	504928.4	5408948.4
L4930.0	504928.4	5408950.4	10195.40039	288.42	60.01	48.833510	-86.932842	56235.97	56247.9	2.11	56238.09	56231.33203	56227.65155	56215.89063	504928.4	5408950.4
L4930.0	504928.5	5408951.7	10195.50000	287.66	58.41	48.833523	-86.932842	56237.43	56247.9	2.12	56239.55	56232.89453	56228.86282	56217.18750	504928.5	5408951.7
L4930.0	504928.5	5408953.4	10195.59961	285.21	58.41	48.833538	-86.932842	56239.20	56247.9	2.12	56241.32	56234.76563	56230.16676	56218.58203	504928.5	5408953.4

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4930.0	504928.5	5408954.6	10195.70020	286.71	54.37	48.833548	-86.932842	56239.45	56247.9	2.12	56241.57	56235.11328	56231.00059	56219.50781	504928.5	5408954.6
L4930.0	504928.5	5408954.6	10195.79981	286.98	57.55	48.833548	-86.932842	56241.00	56247.9	2.12	56243.12	56236.76172	56232.22431	56220.82422	504928.5	5408954.6
L4930.0	504928.5	5408956.5	10195.90039	291.28	57.55	48.833566	-86.932842	56241.55	56247.9	2.12	56243.67	56237.40625	56233.12293	56221.82031	504928.5	5408956.5
L4930.0	504928.5	5408957.9	10196.00000	292.39	53.26	48.833578	-86.932842	56243.25	56247.9	2.12	56245.37	56239.20313	56234.37093	56223.16797	504928.5	5408957.9
L4930.0	504928.5	5408959.6	10196.09961	293.57	53.26	48.833593	-86.932841	56244.06	56247.9	2.12	56246.19	56240.12109	56235.31935	56224.21875	504928.5	5408959.6
L4930.0	504928.5	5408959.6	10196.20020	293.55	50.01	48.833593	-86.932841	56244.20	56247.9	2.12	56246.33	56240.35547	56236.01844	56225.01953	504928.5	5408959.6
L4930.0	504928.5	5408961.2	10196.29981	295.01	50.01	48.833608	-86.932841	56246.29	56247.9	2.13	56248.41	56242.52734	56237.32322	56226.43359	504928.5	5408961.2
L4930.0	504928.5	5408962.8	10196.40039	294.98	56.72	48.833623	-86.932841	56247.03	56247.9	2.13	56249.16	56243.37109	56238.15940	56227.37500	504928.5	5408962.8
L4930.0	504928.5	5408964.3	10196.50000	294.65	56.72	48.833635	-86.932841	56248.36	56247.9	2.13	56250.49	56244.79297	56239.15068	56228.47656	504928.5	5408964.3
L4930.0	504928.5	5408964.3	10196.59961	293.41	58.11	48.833635	-86.932841	56248.96	56247.9	2.13	56251.10	56245.49609	56239.86622	56229.30469	504928.5	5408964.3
L4930.0	504928.5	5408965.7	10196.70020	290.13	58.11	48.833648	-86.932841	56250.00	56247.9	2.13	56252.13	56246.61719	56240.67578	56230.23047	504928.5	5408965.7
L4930.0	504928.6	5408967.1	10196.79981	291.68	58.67	48.833661	-86.932840	56251.57	56247.9	2.14	56253.71	56248.28516	56241.60877	56231.27734	504928.6	5408967.1
L4930.0	504928.6	5408969.0	10196.90039	291.84	58.67	48.833678	-86.932840	56251.39	56247.9	2.14	56253.53	56248.19531	56241.93864	56231.72656	504928.6	5408969.0
L4930.0	504928.6	5408969.0	10197.00000	291.58	55.47	48.833678	-86.932840	56252.69	56247.9	2.14	56254.83	56249.58594	56242.67943	56232.58594	504928.6	5408969.0
L4930.0	504928.6	5408970.4	10197.09961	292.73	58.21	48.833691	-86.932840	56253.90	56247.9	2.14	56256.04	56250.88281	56243.33581	56233.36328	504928.6	5408970.4
L4930.0	504928.6	5408971.9	10197.20020	293.19	58.21	48.833704	-86.932840	56253.67	56247.9	2.14	56255.81	56250.73828	56243.54001	56233.69141	504928.6	5408971.9
L4930.0	504928.6	5408971.9	10197.20020	293.19	57.4	48.833704	-86.932840	56254.56	56247.9	2.14	56256.70	56251.71484	56244.02621	56234.30078	504928.6	5408971.9
L4930.0	504928.6	5408973.3	10197.40039	292.76	57.4	48.833716	-86.932839	56255.96	56247.9	2.14	56258.10	56253.20313	56244.61134	56235.01172	504928.6	5408973.3
L4930.0	504928.6	5408974.9	10197.50000	290.96	52.13	48.833731	-86.932839	56256.35	56247.9	2.14	56258.49	56253.67578	56244.92366	56235.45313	504928.6	5408974.9
L4930.0	504928.7	5408976.4	10197.59961	290.45	52.33	48.833744	-86.932839	56257.46	56247.9	2.14	56259.60	56254.87109	56245.38869	56236.04688	504928.7	5408976.4
L4930.0	504928.7	5408976.4	10197.70020	291.10	52.33	48.833744	-86.932839	56257.52	56247.9	2.14	56259.66	56255.01563	56245.61414	56236.40234	504928.7	5408976.4
L4930.0	504928.7	5408978.1	10197.79981	290.33	54.62	48.833760	-86.932839	56258.42	56247.9	2.14	56260.56	56256.00000	56246.01087	56236.92969	504928.7	5408978.1
L4930.0	504928.7	5408979.5	10197.90039	288.15	55.98	48.833773	-86.932839	56258.31	56247.9	2.14	56260.45	56255.97266	56246.20541	56237.25391	504928.7	5408979.5
L4930.0	504928.7	5408980.7	10198.00000	291.04	55.98	48.833783	-86.932839	56259.41	56247.9	2.14	56261.55	56257.15234	56246.62221	56237.80469	504928.7	5408980.7
L4930.0	504928.6	5408982.1	10198.09961	288.91	55.98	48.833796	-86.932839	56260.25	56247.9	2.14	56262.38	56258.06641	56246.97961	56238.29688	504928.6	5408982.1
L4930.0	504928.6	5408983.5	10198.20020	288.46	56.79	48.833809	-86.932839	56260.30	56247.9	2.14	56262.44	56258.20703	56247.20584	56238.66016	504928.6	5408983.5
L4930.0	504928.6	5408983.5	10198.29981	289.10	54.09	48.833809	-86.932839	56260.66	56247.9	2.14	56262.80	56258.64844	56247.48293	56239.07422	504928.6	5408983.5
L4930.0	504928.6	5408985.2	10198.40039	288.65	54.09	48.833824	-86.932839	56261.52	56247.9	2.14	56263.66	56259.58594	56247.83535	56239.56250	504928.6	5408985.2
L4930.0	504928.6	5408986.6	10198.50000	290.60	56.04	48.833836	-86.932839	56261.71	56247.9	2.13	56263.84	56259.84375	56248.08310	56239.94922	504928.6	5408986.6
L4930.0	504928.6	5408988.3	10198.59961	292.09	56.6	48.833852	-86.932840	56261.89	56247.9	2.13	56264.02	56260.10547	56248.32876	56240.33203	504928.6	5408988.3
L4930.0	504928.6	5408988.3	10198.70020	294.85	56.6	48.833852	-86.932840	56262.28	56247.9	2.13	56264.41	56260.57031	56248.59798	56240.73828	504928.6	5408988.3
L4930.0	504928.6	5408989.9	10198.79981	293.44	56.6	48.833866	-86.932840	56262.06	56247.9	2.13	56264.20	56260.44141	56248.77403	56241.05469	504928.6	5408989.9
L4930.0	504928.6	5408991.4	10198.90039	294.17	54.93	48.833879	-86.932840	56262.98	56247.9	2.13	56265.11	56261.42578	56249.09025	56241.51172	504928.6	5408991.4
L4930.0	504928.6	5408993.0	10199.00000	292.35	56.42	48.833894	-86.932840	56262.95	56247.9	2.13	56265.08	56261.47266	56249.25745	56241.82031	504928.6	5408993.0
L4930.0	504928.6	5408993.0	10199.09961	292.64	56.42	48.833894	-86.932840	56262.95	56247.9	2.13	56265.08	56261.55078	56249.40576	56242.10938	504928.6	5408993.0
L4930.0	504928.6	5408994.5	10199.20020	290.25	54.37	48.833907	-86.932840	56263.97	56247.9	2.13	56266.11	56262.65625	56249.66208	56242.50781	504928.6	5408994.5
L4930.0	504928.6	5408996.2	10199.20020	290.25	56.35	48.833922	-86.932840	56263.37	56247.9	2.13	56265.50	56262.12109	56249.66756	56242.65625	504928.6	5408996.2
L4930.0	504928.6	5408997.6	10199.40039	290.59	56.35	48.833935	-86.932840	56263.14	56247.9	2.14	56265.28	56261.97656	56249.69395	56242.82422	504928.6	5408997.6
L4930.0	504928.6	5408997.6	10199.50000	289.67	55.45	48.833935	-86.932840	56263.95	56247.9	2.14	56266.08	56262.84766	56249.81325	56243.08203	504928.6	5408997.6
L4930.0	504928.6	5408999.3	10199.59961	289.05	55.45	48.833951	-86.932840	56263.62	56247.9	2.14	56265.76	56262.60156	56249.75264	56243.16406	504928.6	5408999.3
L4930.0	504928.6	5409000.7	10199.70020	290.08	56.51	48.833964	-86.932840	56264.21	56247.9	2.14	56266.36	56263.27734	56249.75456	56243.30859	504928.6	5409000.7
L4930.0	504928.6	5409002.2	10199.79981	293.11	56.51	48.833976	-86.932840	56264.31	56247.9	2.15	56266.45	56263.43750	56249.64452	56243.33984	504928.6	5409002.2
L4930.0	504928.6	5409002.2	10199.90039	293.35	56.08	48.833976	-86.932840	56264.32	56247.9	2.15	56266.46	56263.51953	56249.47368	56243.31250	504928.6	5409002.2
L4930.0	504928.6	5409003.9	10200.00000	292.60	52.97	48.833992	-86.932840	56264.33	56247.8	2.15	56266.48	56263.61328	56249.25151	56243.23047	504928.6	5409003.9
L4930.0	504928.6	5409004.9	10200.09961	290.53	52.97	48.834001	-86.932840	56264.18	56247.9	2.15	56266.33	56263.53516	56248.96550	56243.08594	504928.6	5409004.9
L4930.0	504928.6	5409006.2	10200.20020	290.63	53.8	48.834013	-86.932840	56263.97	56247.9	2.15	56266.12	56263.39453	56248.63059	56242.89063	504928.6	5409006.2
L4930.0	504928.6	5409007.9	10200.29981	291.11	53.8	48.834028	-86.932839	56264.05	56247.9	2.14	56266.19	56263.53516	56248.27105	56242.67188	504928.6	5409007.9
L4930.0	504928.6	5409009.3	10200.40039	288.76	52.7	48.834041	-86.932839	56263.59	56247.9	2.14	56265.73	56263.14844	56247.86445	56242.40625	504928.6	5409009.3
L4930.0	504928.6	5409009.3	10200.50000	290.51	52.7	48.834041	-86.932839	56263.52	56247.9	2.14	56265.66	56263.14453	56247.45495	56242.13672	504928.6	5409009.3
L4930.0	504928.6	5409010.7	10200.59961	291.61	52.97	48.834053	-86.932839	56262.83	56247.9	2.14	56264.97	56262.52734	56247.02413	56241.84766	504928.6	5409010.7
L4930.0	504928.6	5409012.2	10200.70020	290.42	52.97	48.834066	-86.932839	56262.98	56247.9	2.14	56265.11	56262.73438	56246.58870	56241.55078	504928.6	5409012.2
L4930.0	504928.6	5409013.4	10200.79981	289.39	53.72	48.834077	-86.932839	56262.83	56247.9	2.13	56264.96	56262.65234	56246.14289	56241.24219	504928.6	5409013.4
L4930.0	504928.6	5409013.4	10200.90039	288.22	56.86	48.834077	-86.932839	56262.81	56247.9	2.13	56264.94	56262.70313	56245.68608	56240.92188	504928.6	5409013.4
L4930.0	504928.6	5409015.1	10201.00000	287.62	55.27	48.834093	-86.932839	56262.00	56247.9	2.13	56264.13	56261.96094	56245.25090	56240.62500	504928.6	5409015.1
L4930.0	504928.6	5409016.3	10201.09961	288.25	55.27	48.834104	-86.932839	56261.53	56247.9	2.13	56263.66	56261.55469	56244.80796	56240.31641	504928.6	5409016.3
L4930.0	504928.7	5409017.7	10201.20020	289.72	52.07	48.834116	-86.932838	56260.86	56247.9	2.13	56262.99	56260.95313	56244.37890	56240.02344	504928.7	5409017.7
L4930.0	504928.7	5409019.7	10201.20020	289.72	52.07	48.834134	-86.932838	56260.76	56247.9	2.13	56262.89	56260.92188	56243.92748	56239.70703	504928.7	5409019.7
L4930.0	504928.7	5409019.7	10201.29981	289.60	50.46	48.834134	-86.932838	56259.51	56247.9	2.13	56261.65	56259.74609	56243.54714	56239.46094	504928.7	5409019.7
L4930.0	504928.7	5409021.1	10201.50000	287.45	53.21	48.834147	-86.932838	56260.05	56247.9	2.14	56262.18	56260.34375	56243.07887	56239.12500	504928.7	5409021.1
L4930.0	504928.7	5409023.1	10201.59961	289.07	53.21	48.834164	-86.932838	56258.90	56247.9	2.14	56261.03	56259.25781	56242.71821	56238.89453	504928.7	5409023.1
L4930.0	504928.7	5409023.1	10201.70020	288.09	49.67	48.834164	-86.932838	56259.43	56247.9	2.14	56261.56	56259.85156	56242.28126	56238.58984	504928.7	5409023.1
L4930.0	504928.7	5409026.0	10201.79981	290.71	49.67	48.834191	-86.932838	56257.86	56247.9	2.14	56260.00	56258.35547	56241.96774	56238.40625	504928.7	5409026.0
L4930.0	504928.7	5409027.2	10201.90039	290.63	51.3	48.834201	-86.932838	56257.62	56247.9	2.14	56259.76	56258.17969	56241.60535	56238.17188	504928.7	5409027.2
L4930.0	504928.7	5409027.2	10202.00000	289.18	51.3	48.834201	-86.932838	56257.49	56247.9	2.14	56259.63	56258.11328	56241.26102	56237.95313	504928.7	5409027.2
L4930.0	504928.7	5409028.6	10202.09961	288.82	53.54	48.834214	-86.932838	56256.32	56247.9	2.14	56258.46	56257.00781	56240.95722	56237.77734	504928.7	5409028.6
L4930.0	504928.7	5409030.4	10202.20020	290.07	53.54	48.834230	-86.932838	56255.84	56247.9	2.14	56257.98	56256.58984	56240.64913	56237.59375	504928.7	5409030.4
L4930.0	504928.7	5409030.4	10202.29981	290.66	47.78	48.834230	-86.932838	56254.86	56247.9	2.14	56257.01	56255.68359	56240.34796	56237.41797	504928.7	5409030.4
L4930.0	504928.6	5409031.7	10202.40039	288.68	48.7	48.834242	-86.932839	56254.40	56247.9	2.14	56256.55	56255.28516	56240.06162	56237.25391	504928.6	5409031.7
L4930.0	504928.6	5409033.2	10202.50000	290.07	54.1	48.834255	-86.932838	56253.14	56247.9	2.15	56255.28	56254.07813	56239.74586	56237.05859	504928.6	5409033.2
L4930.0	504928.7	5409034.6	10202.59961	291.82	54.1	48.834269	-86.932838	56252.89	56247.9	2.15	56255.04	56253.89844	56239.48225	56236.91406	504928.7	5409034.6
L4930.0	504928.7	5409035.8	10202.70020	291.04	53.05	48.834279	-86.932838	56252.47	56247.9	2.15	56254.62	56253.53906	56239.21368	56236.76563	504928.7	5409035.8
L4930.0	504928.7	5409037.5	10202.79981	290.70	53.05	48.834294	-86.932838	56251.52	56247.9	2.15	56253.67	56252.64844	56238.88070	56236.55078	504928.7	5409037.5
L4930.0	504928.7	5409037.5	10202.90039	292.16	50.93	48.834294	-86.932838	56251.39	56247.9	2.15	56253.54	56252.57813	56238.63415	56236.41797	504928.7	5409037.5
L4930.0	504928.7	5409038.7	10203.00000	289.61	53.41	48.834305	-86.932838	56249.20	56247.8	2.15	56251.35	56250.44922	56238.06099	56235.96094	504928.7	5409038.7
L4930.0	504928.7	5409040.4	10203.09961	290.45	53.41	48.834320	-86.932838	56249.07	56247.8	2.15	56251.22	56250.37891	56237.77991	56235.79297	504928.7	5409040.4
L4930.0	504928.7	5409041.9	10203.20020	291.58	54.73	48.834333	-86.932838	56248.08	56247.8	2.15	56250.23	56249.44531	56237.32410	56235.44922	504928.7	5409041.9
L4930.0	504928.7	5409043.5	10203.20020	291.58	56.23	48.834348	-86.932838	56247.23	56247.8	2.15	56249.38	56248.65625	56236.85889	56235.09375	504928.7	5409043.5
L4930.0	504928.7	5409043.5	10203.40039	292.50	56.23	48.834348	-86.932838	56246.41	56247.8	2.15	56248.56	56247.89453	56236.36220	56234.70703	504928.7	5409043.5
L4930.0	504928.7	5409044.7	10203.50000	292.86	49.09	48.834359	-86.932838	56244.96	56247.8	2.15	56247.11	56246.50000	56235.66037	56234.10938	504928.7	5409044.7
L4930.0	504928.7	5409046.1	10203.59961	292.15	49.09	48.834372	-86.932837	56245.02	56247.8	2.15	56247.17	56246.61719	56235.31141	56233.86719	504928.7	5409046.1
L4930.0	504928.7	5409047.9	10203.70020	293.49	54.64	48.834387	-86.932837	56243.10	56247.8	2.15	56245.25	56244.75391	56234.37014	56233.03125	504928.7	5409047.9
L4930.0	504928.7	5409047.9	10203.79981	295.11	55.09	48.834387	-86.932837	56241.87	56247.8	2.15	56244.02	56243.57813	56233.56390	56232.32813	504928.7	5409047.9
L4930.0	504928.7	5409049.2	10203.90039	294.02	55.09	48.834400	-86.932837	56241.09	56247.8	2.15	56243.24	56242.85547	56232.84302	56231.70703	504928.7	5409049.2
L4930.0	504928.7	5409050.4	10204.00000	293.81	52.46	48.834410	-86.932837	56240.49	56247.8	2.15	56242.64	56242.31250	56232.13331	56231.09766	504928.7	5409050.4
L4930.0	504928.8	5409051.9	10204.09961	295.64	52.46	48.834424	-86.932837	56239.38	56247.9	2.15	56241.53	56241.25391	56231.21487	56230.27734	504928.8	5409051.9
L4930.0	504928.8	5409053.4	10204.20020	296.04	54.8	48.834437	-86.932836	56237.66	56247.9	2.14	56239.81	56239.58984	56230.05120	56229.20703	504928.8	5409053.4
L4930.0	504928.8	5409054.3	10204.29981	293.67	56.31	48.834445	-86.932836	56237.25	56247.9	2.14	56239.39	56239.22266	56229.24639	56228.50000	504928.8	5409054.3
L4930.0	504928.8	5409055.9	10204.40039	292.88	56.31	48.834460	-86.932836	56235.85	56247.9	2.13	56237.98	56237.86719	56228.08047	56227.42578	504928.8	5409055.9
L4930.0	504928.8	5409055.9	10204.50000	290.90	53.87	48.834460	-86.932836	56234.45	56247.9	2.13	56236.58	56236.51953	56226.87960	56226.31641	504928.8	5409055.9
L4930.0	504928.8	5409057.1	10204.59961	292.64	53.87	48.834471	-86.932836	56233.68	56247.9	2.13	56235.81	56235.80078	56225.82916	56225.35547	504928.8	5409057.1
L4930.0	504928.8	5409059.3	10204.70020	291.56	55.73	48.834491	-86.932836	56232.85	56247.9	2.12	56234.97	56235.01172	56224.71821	56224.33203	504928.8	5409059.3
L4930.0	504928.8	5409059.3	10204.79981	293.51	56.71	48.834491	-86.932836	56232.05	56247.9	2.12	56234.17	56234.26172	56223.58420	56223.28516	504928.8	5409059.3
L4930.0	504928.8	5409061.0	10204.90039	292.82	56.71	48.834505	-86.932836	56230.16	56247.9	2.11	56232.27	56232.41406	56222.15204	56221.93750	504928.8	5409061.0

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4930.0	504928.8	5409062.4	10205.00000	291.07	54.34	48.834518	-86.932835	56229.38	56247.9	2.11	56231.49	56231.68359	56220.99017	56220.85938	504928.8	5409062.4
L4930.0	504928.8	5409064.4	10205.09961	290.28	54.34	48.834536	-86.932835	56227.98	56247.9	2.11	56230.09	56230.33203	56219.68334	56219.63281	504928.8	5409064.4
L4930.0	504928.8	5409064.4	10205.20020	292.71	57.39	48.834536	-86.932835	56226.28	56247.9	2.11	56228.39	56228.68359	56218.33281	56218.36328	504928.8	5409064.4
L4930.0	504928.8	5409065.6	10205.20020	292.71	57.91	48.834547	-86.932835	56225.16	56247.9	2.11	56227.27	56227.60938	56217.11712	56217.22656	504928.8	5409065.6
L4930.0	504928.9	5409067.6	10205.40039	290.09	57.91	48.834565	-86.932835	56224.63	56247.9	2.11	56226.74	56227.12891	56216.01715	56216.20313	504928.9	5409067.6
L4930.0	504928.9	5409068.7	10205.50000	288.25	61.1	48.834575	-86.932835	56223.90	56247.9	2.12	56226.02	56226.45703	56214.89577	56215.15625	504928.9	5409068.7
L4930.0	504928.9	5409070.6	10205.59961	289.69	61.1	48.834592	-86.932835	56222.61	56247.9	2.12	56224.72	56225.20313	56213.70961	56214.04297	504928.9	5409070.6
L4930.0	504928.9	5409070.6	10205.70020	289.36	59.37	48.834592	-86.932835	56221.41	56247.9	2.12	56223.53	56224.05859	56212.57081	56212.97656	504928.9	5409070.6
L4930.0	504928.9	5409072.1	10205.79981	289.48	59.37	48.834605	-86.932835	56220.34	56247.9	2.12	56222.45	56223.02344	56211.47977	56211.95703	504928.9	5409072.1
L4930.0	504928.9	5409074.0	10205.90039	289.38	56.7	48.834623	-86.932835	56218.92	56247.9	2.12	56221.04	56221.66016	56210.37891	56210.92188	504928.9	5409074.0
L4930.0	504928.9	5409074.0	10206.00000	289.74	56.7	48.834623	-86.932835	56217.50	56247.9	2.12	56219.62	56220.28516	56209.30832	56209.91797	504928.9	5409074.0
L4930.0	504928.9	5409075.9	10206.09961	290.05	53.18	48.834640	-86.932835	56216.46	56247.9	2.12	56218.57	56219.27734	56208.31679	56208.99219	504928.9	5409075.9
L4930.0	504928.9	5409077.6	10206.20020	288.11	54.65	48.834655	-86.932835	56215.25	56247.9	2.11	56217.37	56218.12109	56207.33193	56208.07031	504928.9	5409077.6
L4930.0	504928.9	5409077.6	10206.29981	290.32	54.65	48.834655	-86.932835	56214.16	56247.9	2.11	56216.27	56217.06641	56206.38006	56207.18359	504928.9	5409077.6
L4930.0	504928.8	5409079.3	10206.40039	289.38	56.85	48.834671	-86.932835	56212.38	56247.9	2.11	56214.49	56215.32813	56205.32814	56206.19141	504928.8	5409079.3
L4930.0	504928.8	5409081.0	10206.50000	289.92	56.85	48.834686	-86.932835	56211.48	56247.9	2.10	56213.58	56214.46094	56204.41728	56205.33984	504928.8	5409081.0
L4930.0	504928.8	5409081.0	10206.59961	289.23	60.21	48.834686	-86.932835	56210.53	56247.9	2.10	56212.63	56213.55078	56203.49896	56204.48047	504928.8	5409081.0
L4930.0	504928.8	5409082.7	10206.70020	291.76	58.72	48.834701	-86.932835	56208.93	56247.9	2.10	56211.03	56211.99219	56202.44790	56203.48438	504928.8	5409082.7
L4930.0	504928.8	5409084.4	10206.79981	292.55	58.72	48.834716	-86.932835	56208.27	56247.9	2.10	56210.36	56211.36328	56201.55825	56202.64844	504928.8	5409084.4
L4930.0	504928.8	5409084.4	10206.90039	291.91	43.55	48.834716	-86.932835	56206.69	56247.9	2.09	56208.78	56209.82031	56200.46535	56201.60938	504928.8	5409084.4
L4930.0	504928.8	5409085.9	10207.00000	291.00	43.55	48.834730	-86.932836	56205.46	56247.9	2.09	56207.55	56208.63281	56199.41488	56200.60938	504928.8	5409085.9
L4930.0	504928.8	5409087.6	10207.09961	292.80	56.12	48.834744	-86.932836	56204.73	56247.9	2.09	56206.82	56207.94141	56198.43498	56199.67969	504928.8	5409087.6
L4930.0	504928.8	5409089.0	10207.20020	293.04	56.12	48.834758	-86.932836	56203.74	56247.9	2.09	56205.83	56206.98828	56197.36163	56198.65625	504928.8	5409089.0
L4930.0	504928.8	5409089.0	10207.20020	293.04	59.69	48.834758	-86.932836	56202.45	56247.9	2.09	56204.54	56205.73438	56196.18626	56197.52734	504928.8	5409089.0
L4930.0	504928.8	5409090.5	10207.40039	292.71	59.69	48.834771	-86.932836	56201.16	56247.9	2.09	56203.25	56204.48438	56194.97488	56196.36328	504928.8	5409090.5
L4930.0	504928.8	5409092.0	10207.50000	293.33	59.1	48.834784	-86.932836	56200.05	56247.9	2.10	56202.14	56203.41016	56193.76224	56195.19531	504928.8	5409092.0
L4930.0	504928.8	5409093.5	10207.59961	292.33	59.1	48.834798	-86.932836	56198.82	56247.9	2.10	56200.91	56202.21484	56192.50168	56193.97656	504928.8	5409093.5
L4930.0	504928.8	5409095.1	10207.70020	292.61	57.71	48.834813	-86.932836	56198.22	56247.9	2.10	56200.32	56201.66016	56191.29354	56192.80859	504928.8	5409095.1
L4930.0	504928.8	5409095.1	10207.79981	291.39	57.71	48.834813	-86.932836	56196.59	56247.9	2.10	56198.69	56200.06641	56189.95099	56191.50781	504928.8	5409095.1
L4930.0	504928.8	5409096.6	10207.90039	290.53	61.07	48.834826	-86.932836	56195.26	56247.9	2.10	56197.36	56198.76953	56188.64643	56190.24219	504928.8	5409096.6
L4930.0	504928.8	5409098.1	10208.00000	287.65	56.51	48.834840	-86.932836	56194.23	56247.9	2.10	56196.33	56197.77344	56187.36099	56188.99609	504928.8	5409098.1
L4930.0	504928.8	5409099.8	10208.09961	287.23	56.51	48.834855	-86.932836	56193.45	56247.9	2.10	56195.55	56197.02734	56186.07426	56187.74609	504928.8	5409099.8
L4930.0	504928.8	5409099.8	10208.20020	285.79	56.51	48.834855	-86.932836	56192.36	56247.9	2.10	56194.45	56195.96094	56184.79279	56186.50000	504928.8	5409099.8
L4930.0	504928.8	5409101.5	10208.29981	288.57	60.47	48.834870	-86.932836	56191.69	56247.9	2.09	56193.78	56195.32422	56183.49886	56185.23828	504928.8	5409101.5
L4930.0	504928.8	5409103.0	10208.40039	288.97	45.76	48.834883	-86.932836	56189.86	56247.9	2.09	56191.95	56193.52344	56182.32640	56184.10156	504928.8	5409103.0
L4930.0	504928.8	5409104.4	10208.50000	288.08	45.76	48.834896	-86.932836	56189.22	56247.9	2.09	56191.31	56192.91797	56181.06796	56182.87500	504928.8	5409104.4
L4930.0	504928.8	5409105.9	10208.59961	287.49	58.67	48.834910	-86.932836	56188.08	56247.9	2.09	56190.17	56191.80859	56179.90088	56181.73828	504928.8	5409105.9
L4930.0	504928.8	5409105.9	10208.70020	287.33	58.67	48.834910	-86.932836	56188.03	56247.9	2.09	56190.11	56191.77734	56178.57425	56180.44141	504928.8	5409105.9
L4930.0	504928.8	5409108.1	10208.79981	286.61	60.09	48.834929	-86.932836	56185.68	56247.9	2.08	56187.76	56189.45703	56177.72680	56179.62109	504928.8	5409108.1
L4930.0	504928.7	5409109.8	10208.90039	288.08	60.09	48.834944	-86.932836	56184.90	56247.9	2.08	56186.98	56188.70703	56176.61960	56178.54297	504928.7	5409109.8
L4930.0	504928.7	5409109.8	10209.00000	287.20	58.09	48.834944	-86.932836	56184.56	56247.9	2.08	56186.64	56188.39844	56175.44594	56177.39453	504928.7	5409109.8
L4930.0	504928.7	5409111.2	10209.09961	287.61	58.09	48.834957	-86.932836	56183.58	56247.9	2.08	56185.66	56187.44531	56174.46497	56176.44141	504928.7	5409111.2
L4930.0	504928.7	5409112.7	10209.20020	286.40	58.3	48.834970	-86.932837	56183.02	56247.9	2.08	56185.10	56186.91406	56173.42601	56175.42578	504928.7	5409112.7
L4930.0	504928.7	5409112.7	10209.20020	286.40	58.19	48.834970	-86.932837	56181.12	56247.9	2.08	56183.20	56185.04297	56172.76542	56174.78906	504928.7	5409112.7
L4930.0	504928.7	5409114.3	10209.40039	288.45	58.19	48.834985	-86.932837	56180.68	56247.9	2.08	56182.75	56184.62109	56171.77832	56173.82422	504928.7	5409114.3
L4930.0	504928.7	5409116.0	10209.50000	287.59	59.01	48.835000	-86.932837	56179.81	56247.9	2.07	56181.89	56183.78906	56170.92634	56172.99219	504928.7	5409116.0
L4930.0	504928.6	5409117.7	10209.59961	287.21	59.01	48.835016	-86.932838	56178.70	56247.9	2.07	56180.78	56182.70313	56170.16092	56172.25000	504928.6	5409117.7
L4930.0	504928.6	5409117.7	10209.70020	287.11	57.97	48.835016	-86.932838	56176.93	56247.9	2.07	56179.00	56180.94922	56169.56332	56171.67188	504928.6	5409117.7
L4930.0	504928.6	5409119.3	10209.79981	288.17	57.97	48.835030	-86.932838	56176.57	56247.9	2.07	56178.64	56180.61719	56168.66922	56170.79688	504928.6	5409119.3
L4930.0	504928.6	5409121.0	10209.90039	286.68	58.05	48.835045	-86.932839	56175.73	56247.9	2.07	56177.81	56179.81250	56167.89371	56170.03906	504928.6	5409121.0
L4930.0	504928.6	5409121.0	10210.00000	286.96	58.05	48.835045	-86.932839	56174.70	56247.9	2.07	56176.77	56178.79688	56167.16650	56169.33203	504928.6	5409121.0
L4930.0	504928.5	5409122.2	10210.09961	286.11	52.17	48.835056	-86.932839	56174.14	56247.9	2.07	56176.21	56178.26172	56166.35756	56168.53906	504928.5	5409122.2
L4930.0	504928.5	5409123.5	10210.20020	289.06	52.17	48.835068	-86.932839	56173.12	56247.9	2.06	56175.18	56177.25781	56165.62999	56167.82813	504928.5	5409123.5
L4930.0	504928.5	5409125.0	10210.29981	289.48	49.61	48.835081	-86.932839	56172.25	56247.9	2.06	56174.31	56176.41016	56164.86938	56167.08203	504928.5	5409125.0
L4930.0	504928.5	5409126.6	10210.40039	289.81	57.91	48.835096	-86.932840	56171.70	56247.9	2.05	56173.75	56175.87500	56164.05617	56166.28516	504928.5	5409126.6
L4930.0	504928.5	5409126.6	10210.50000	290.05	57.91	48.835096	-86.932840	56170.68	56247.9	2.05	56172.73	56174.87891	56163.29909	56165.54297	504928.5	5409126.6
L4930.0	504928.5	5409128.0	10210.59961	289.26	57.81	48.835108	-86.932840	56170.12	56248	2.05	56172.17	56174.33984	56162.46608	56164.72266	504928.5	5409128.0
L4930.0	504928.5	5409129.6	10210.70020	289.88	58.81	48.835123	-86.932840	56169.06	56248	2.04	56171.11	56173.30469	56161.69031	56163.96094	504928.5	5409129.6
L4930.0	504928.5	5409129.6	10210.79981	290.96	58.81	48.835123	-86.932840	56168.76	56248	2.04	56170.80	56173.01563	56160.80191	56163.08594	504928.5	5409129.6
L4930.0	504928.5	5409131.2	10210.90039	290.46	57.14	48.835137	-86.932840	56167.82	56248	2.03	56169.85	56172.08984	56159.99167	56162.28906	504928.5	5409131.2
L4930.0	504928.5	5409132.6	10211.00000	290.03	57.14	48.835150	-86.932839	56166.94	56248	2.03	56168.97	56171.23047	56159.16476	56161.47266	504928.5	5409132.6
L4930.0	504928.5	5409134.0	10211.09961	289.25	56.47	48.835162	-86.932839	56165.85	56248	2.02	56167.87	56170.15234	56158.36478	56160.68359	504928.5	5409134.0
L4930.0	504928.5	5409135.1	10211.20020	291.02	55.69	48.835173	-86.932839	56165.29	56248	2.02	56167.31	56169.61328	56157.48464	56159.81641	504928.5	5409135.1
L4930.0	504928.5	5409135.1	10211.20020	291.02	55.69	48.835173	-86.932839	56164.44	56248	2.02	56166.46	56168.78516	56156.64657	56158.98828	504928.5	5409135.1
L4930.0	504928.6	5409137.0	10211.29981	291.52	52.68	48.835189	-86.932838	56163.52	56248	2.01	56165.53	56167.87891	56155.82375	56158.17578	504928.6	5409137.0
L4930.0	504928.6	5409138.1	10211.50000	288.61	52.61	48.835200	-86.932838	56162.39	56248	2.00	56164.39	56166.75781	56155.03987	56157.40234	504928.6	5409138.1
L4930.0	504928.6	5409139.8	10211.59961	285.95	52.61	48.835214	-86.932837	56161.88	56248	1.99	56163.87	56166.25781	56154.16275	56156.53516	504928.6	5409139.8
L4930.0	504928.7	5409141.4	10211.70020	286.08	52.76	48.835229	-86.932836	56161.72	56248	1.99	56163.71	56166.12109	56153.23107	56155.60938	504928.7	5409141.4
L4930.0	504928.7	5409141.4	10211.79981	285.00	53.06	48.835229	-86.932836	56160.64	56248	1.98	56162.62	56165.05078	56152.46202	56154.85156	504928.7	5409141.4
L4930.0	504928.7	5409142.8	10211.90039	287.22	53.06	48.835242	-86.932836	56159.57	56248	1.98	56161.55	56164.00000	56151.70113	56154.10156	504928.7	5409142.8
L4930.0	504928.8	5409144.0	10212.00000	287.32	53.06	48.835252	-86.932835	56158.88	56248	1.97	56160.85	56163.32031	56150.89030	56153.29688	504928.8	5409144.0
L4930.0	504928.8	5409144.0	10212.09961	289.36	52.33	48.835252	-86.932835	56157.70	56248	1.97	56159.67	56162.16016	56150.17327	56152.58984	504928.8	5409144.0
L4930.0	504928.8	5409145.9	10212.20020	288.20	52.47	48.835270	-86.932835	56157.80	56248	1.97	56159.77	56162.27734	56149.26390	56151.68750	504928.8	5409145.9
L4930.0	504928.8	5409147.4	10212.29981	287.62	52.47	48.835282	-86.932834	56157.04	56248	1.97	56159.02	56161.54688	56148.51266	56150.94531	504928.8	5409147.4
L4930.0	504928.9	5409149.3	10212.40039	288.65	44.8	48.835300	-86.932834	56155.40	56248	1.97	56157.38	56159.92578	56147.90756	56150.34766	504928.9	5409149.3
L4930.0	504928.9	5409150.1	10212.50000	289.35	52	48.835307	-86.932834	56154.44	56248	1.97	56156.41	56158.97656	56147.21007	56149.66016	504928.9	5409150.1
L4930.0	504928.9	5409151.6	10212.59961	288.59	52	48.835320	-86.932833	56154.14	56248	1.98	56156.12	56158.70313	56146.43922	56148.89844	504928.9	5409151.6
L4930.0	504928.9	5409151.6	10212.70020	289.84	52.38	48.835320	-86.932833	56152.87	56248	1.98	56154.84	56157.44141	56145.80242	56148.26953	504928.9	5409151.6
L4930.0	504929.0	5409154.2	10212.79981	287.71	52.54	48.835344	-86.932832	56153.00	56248	1.98	56154.98	56157.60156	56145.03103	56147.50391	504929.0	5409154.2
L4930.0	504929.0	5409154.2	10212.90039	290.20	52.54	48.835344	-86.932832	56151.78	56248	1.98	56153.76	56156.39844	56144.40177	56146.88672	504929.0	5409154.2
L4930.0	504929.0	5409155.8	10213.00000	290.21	54.01	48.835359	-86.932832	56150.62	56248	1.98	56152.60	56155.25781	56143.75940	56146.25000	504929.0	5409155.8
L4930.0	504929.0	5409156.8	10213.09961	290.13	54.01	48.835367	-86.932832	56150.62	56248	1.98	56152.60	56155.27344	56143.05861	56145.55859	504929.0	5409156.8
L4930.0	504929.0	5409158.5	10213.20020	289.54	44.36	48.835382	-86.932831	56148.88	56248	1.97	56150.85	56153.54297	56142.42764	56144.93750	504929.0	5409158.5
L4930.0	504929.0	5409158.5	10213.20020	289.54	47.11	48.835382	-86.932831	56148.51	56248	1.97	56150.48	56153.18750	56141.75012	56144.26953	504929.0	5409158.5
L4930.0	504929.0	5409159.9	10213.40039	287.83	47.11	48.835395	-86.932831	56147.36	56248	1.97	56149.32	56152.04688	56141.07175	56143.59766	504929.0	5409159.9
L4930.0	504929.1	5409161.3	10213.50000	288.88	51.83	48.835408	-86.932831	56147.08	56248	1.97	56149.05	56151.79297	56140.39374	56142.92969	504929.1	5409161.3
L4930.0	504929.1	5409163.0	10213.59961	290.49	52.49	48.835423	-86.932831	56146.19	56248	1.96	56148.15	56150.91016	56139.69253	56142.23828	504929.1	5409163.0
L4930.0	504929.1	5409164.2	10213.70020	290.38	52.49	48.835434	-86.932831	56145.41	56248	1.96	56147.36	56150.13672	56138.97974	56141.53516	504929.1	5409164.2
L4930.0	504929.1	5409164.2	10213.79981	292.17	51.42	48.835434	-86.932831	56143.57	56248	1.96	56145.52	56148.31250	56138.18459	56140.75000	504929.1	5409164.2
L4930.0	504929.1	5409166.1	10213.90039	294.23	51.42	48.835451	-86.932831	56143.04	56248	1.95	56144.99	56147.79688	56137.44986	56140.02734	504929.1	5409166.1
L4930.0	504929.1	5409167.2	10214.00000	291.96	49.04	48.835461	-86.932831	56143.04	56248.1	1.95	56144.99	56147.81250	56136.74697	56139.33594	504929.1	5409167.2
L4930.0	504929.1	5409168.3	10214.09961	290.68	49.04	48.835471	-86.932831	56141.68	56248.1	1.95	56143.62	56146.45703	56135.92033	56138.51953	504929.1	5409168.3
L4930.0	504929.1	5409170.0	10214.20020	290.41	49.34	48.835486	-86.932831	56141.20	56248.1	1.94	56143.15	56146.00391	56135.15172	56137.76172	504929.1	5409170.0

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4930.0	504929.1	5409170.0	10214.29981	292.13	49.87	48.835486	-86.932831	56139.92	56248.1	1.94	56141.86	56144.73047	56134.29320	56136.91406	504929.1	5409170.0
L4930.0	504929.1	5409171.5	10214.40039	291.76	49.87	48.835500	-86.932831	56139.41	56248.1	1.94	56141.35	56144.23438	56133.48718	56136.12109	504929.1	5409171.5
L4930.0	504929.1	5409172.8	10214.50000	290.62	49.38	48.835512	-86.932831	56138.71	56248.1	1.93	56140.65	56143.54688	56132.64593	56135.29297	504929.1	5409172.8
L4930.0	504929.1	5409174.1	10214.59961	293.49	49.38	48.835523	-86.932831	56137.54	56248.1	1.93	56139.47	56142.38281	56131.74678	56134.40625	504929.1	5409174.1
L4930.0	504929.1	5409175.4	10214.70020	292.62	51.1	48.835535	-86.932830	56136.96	56248.1	1.93	56138.89	56141.81641	56130.88243	56133.55469	504929.1	5409175.4
L4930.0	504929.1	5409175.4	10214.79981	292.94	48.65	48.835535	-86.932830	56136.02	56248.1	1.93	56137.95	56140.88672	56129.97503	56132.66406	504929.1	5409175.4
L4930.0	504929.1	5409177.1	10214.90039	291.93	48.65	48.835550	-86.932830	56136.26	56248.1	1.92	56138.18	56141.13281	56129.13013	56131.83203	504929.1	5409177.1
L4930.0	504929.1	5409178.9	10215.00000	290.28	40.16	48.835566	-86.932830	56133.67	56248.1	1.92	56135.59	56138.55469	56128.10240	56130.82031	504929.1	5409178.9
L4930.0	504929.1	5409180.2	10215.09961	289.83	40.16	48.835578	-86.932830	56133.54	56248.1	1.92	56135.46	56138.43359	56127.20744	56129.94141	504929.1	5409180.2
L4930.0	504929.1	5409180.2	10215.20020	290.43	51.48	48.835578	-86.932830	56132.48	56248.1	1.92	56134.40	56137.38672	56126.25932	56129.00781	504929.1	5409180.2
L4930.0	504929.2	5409183.1	10215.20020	290.43	51.48	48.835604	-86.932830	56131.95	56248.1	1.92	56133.87	56136.86719	56125.32222	56128.08594	504929.2	5409183.1
L4930.0	504929.2	5409183.1	10215.40039	288.53	51.46	48.835604	-86.932830	56131.20	56248.1	1.92	56133.11	56136.11719	56124.37083	56127.15234	504929.2	5409183.1
L4930.0	504929.2	5409184.9	10215.50000	288.32	51.62	48.835620	-86.932829	56130.43	56248.1	1.92	56132.35	56135.36719	56123.41217	56126.21094	504929.2	5409184.9
L4930.0	504929.2	5409186.3	10215.59961	288.53	51.62	48.835633	-86.932829	56129.25	56248.1	1.91	56131.16	56134.18750	56122.45052	56125.26953	504929.2	5409186.3
L4930.0	504929.2	5409187.7	10215.70020	288.67	51.62	48.835646	-86.932829	56128.72	56248.1	1.91	56130.63	56133.66406	56121.47557	56124.31250	504929.2	5409187.7
L4930.0	504929.2	5409187.7	10215.79981	289.94	52.28	48.835646	-86.932829	56127.81	56248.1	1.91	56129.72	56132.76172	56120.50027	56123.35547	504929.2	5409187.7
L4930.0	504929.2	5409189.4	10215.90039	290.68	52.28	48.835661	-86.932829	56126.85	56248.1	1.91	56128.76	56131.80859	56119.52324	56122.40234	504929.2	5409189.4
L4930.0	504929.2	5409191.3	10216.00000	290.29	52.68	48.835677	-86.932829	56126.13	56248.1	1.91	56128.04	56131.09375	56118.52692	56121.42578	504929.2	5409191.3
L4930.0	504929.2	5409192.7	10216.09961	289.53	52.68	48.835690	-86.932829	56125.41	56248.1	1.91	56127.32	56130.38281	56117.51842	56120.43750	504929.2	5409192.7
L4930.0	504929.2	5409194.3	10216.20020	288.85	53.64	48.835705	-86.932829	56124.48	56248.1	1.90	56126.39	56129.45703	56116.51848	56119.46094	504929.2	5409194.3
L4930.0	504929.2	5409194.3	10216.29981	288.73	53.64	48.835705	-86.932829	56123.46	56248.1	1.90	56125.36	56128.42969	56115.52780	56118.49219	504929.2	5409194.3
L4930.0	504929.2	5409195.9	10216.40039	288.26	50.92	48.835719	-86.932829	56122.32	56248.1	1.90	56124.21	56127.28125	56114.55588	56117.54297	504929.2	5409195.9
L4930.0	504929.2	5409195.9	10216.50000	289.07	50.92	48.835719	-86.932829	56122.36	56248.1	1.90	56124.26	56127.33594	56113.45238	56116.46484	504929.2	5409195.9
L4930.0	504929.1	5409197.6	10216.59961	290.64	51.31	48.835734	-86.932830	56120.80	56248.1	1.89	56122.69	56125.76563	56112.54541	56115.58203	504929.1	5409197.6
L4930.0	504929.2	5409199.2	10216.70020	289.96	52.37	48.835749	-86.932829	56120.22	56248.1	1.89	56122.11	56125.18359	56111.52798	56114.58984	504929.2	5409199.2
L4930.0	504929.2	5409199.2	10216.79981	288.00	52.37	48.835749	-86.932829	56119.64	56248.1	1.89	56121.52	56124.59375	56110.52337	56113.60938	504929.2	5409199.2
L4930.0	504929.2	5409200.6	10216.90039	289.99	44.8	48.835761	-86.932829	56117.89	56248.1	1.88	56119.77	56122.84375	56109.69261	56112.80859	504929.2	5409200.6
L4930.0	504929.1	5409202.0	10217.00000	290.11	44.8	48.835774	-86.932830	56118.07	56248.1	1.88	56119.95	56123.01953	56108.62289	56111.76563	504929.1	5409202.0
L4930.0	504929.1	5409203.4	10217.09961	288.56	46.87	48.835787	-86.932830	56116.29	56248.1	1.88	56118.17	56121.23438	56107.83389	56111.00391	504929.1	5409203.4
L4930.0	504929.1	5409205.1	10217.20020	286.03	46.87	48.835802	-86.932830	56115.73	56248.1	1.88	56117.61	56120.66797	56106.91326	56110.11328	504929.1	5409205.1
L4930.0	504929.1	5409205.1	10217.20020	286.03	50.5	48.835802	-86.932830	56114.75	56248.1	1.88	56116.63	56119.67969	56106.06906	56109.29688	504929.1	5409205.1
L4930.0	504929.1	5409206.5	10217.40039	286.42	50.5	48.835815	-86.932830	56114.09	56248.1	1.88	56115.97	56119.01172	56105.21971	56108.47656	504929.1	5409206.5
L4930.0	504929.1	5409208.2	10217.50000	287.63	52.15	48.835830	-86.932830	56112.86	56248.1	1.88	56114.73	56117.76172	56104.43715	56107.72656	504929.1	5409208.2
L4930.0	504929.1	5409209.6	10217.59961	287.87	53.14	48.835843	-86.932831	56112.05	56248.1	1.87	56113.92	56116.93750	56103.64167	56106.96094	504929.1	5409209.6
L4930.0	504929.1	5409209.6	10217.70020	288.80	53.14	48.835843	-86.932831	56110.86	56248.1	1.87	56112.73	56115.73438	56102.87412	56106.22656	504929.1	5409209.6
L4930.0	504929.0	5409211.0	10217.79981	288.52	54.06	48.835855	-86.932831	56109.64	56248.1	1.87	56111.51	56114.50000	56102.09956	56105.48438	504929.0	5409211.0
L4930.0	504929.0	5409212.7	10217.90039	291.12	52.32	48.835871	-86.932831	56109.19	56248.1	1.87	56111.06	56114.03516	56101.33436	56104.75000	504929.0	5409212.7
L4930.0	504929.0	5409213.9	10218.00000	290.10	52.32	48.835881	-86.932831	56107.68	56248.1	1.87	56109.55	56112.50781	56100.49690	56103.94922	504929.0	5409213.9
L4930.0	504929.0	5409215.6	10218.09961	291.11	51.23	48.835896	-86.932832	56106.55	56248.1	1.87	56108.42	56111.35547	56099.62904	56103.11328	504929.0	5409215.6
L4930.0	504929.0	5409215.6	10218.20020	293.18	50.03	48.835896	-86.932832	56105.90	56248.1	1.86	56107.76	56110.67188	56098.75863	56102.27734	504929.0	5409215.6
L4930.0	504929.0	5409217.2	10218.29981	292.23	50.03	48.835911	-86.932832	56104.94	56248.1	1.86	56106.80	56109.69141	56097.79987	56101.35547	504929.0	5409217.2
L4930.0	504928.9	5409218.9	10218.40039	292.28	49.23	48.835926	-86.932832	56103.64	56248.1	1.85	56105.50	56108.36328	56096.72459	56100.31641	504928.9	5409218.9
L4930.0	504928.9	5409218.9	10218.50000	292.90	49.23	48.835926	-86.932832	56102.82	56248.1	1.85	56104.67	56107.50391	56095.63645	56099.26172	504928.9	5409218.9
L4930.0	504928.9	5409220.6	10218.59961	293.57	51.87	48.835942	-86.932832	56101.10	56248.2	1.85	56102.94	56105.74609	56094.35037	56098.01172	504928.9	5409220.6
L4930.0	504928.9	5409222.2	10218.70020	293.60	51.87	48.835956	-86.932833	56099.86	56248.2	1.84	56101.70	56104.47266	56093.05699	56096.75781	504928.9	5409222.2
L4930.0	504928.9	5409223.7	10218.79981	293.94	52.89	48.835969	-86.932833	56099.09	56248.2	1.84	56100.93	56103.66797	56091.74089	56095.48047	504928.9	5409223.7
L4930.0	504928.9	5409223.7	10218.90039	295.20	52.89	48.835969	-86.932833	56097.68	56248.2	1.83	56099.51	56102.21094	56090.27814	56094.05469	504928.9	5409223.7
L4930.0	504928.9	5409225.1	10219.00000	293.31	52.5	48.835982	-86.932833	56096.87	56248.2	1.83	56098.70	56101.36328	56088.78863	56092.60156	504928.9	5409225.1
L4930.0	504928.9	5409226.8	10219.09961	293.45	52.5	48.835997	-86.932833	56095.25	56248.2	1.83	56097.08	56099.69922	56087.17897	56091.03125	504928.9	5409226.8
L4930.0	504928.9	5409228.6	10219.20020	292.54	53.5	48.836013	-86.932833	56093.88	56248.2	1.82	56095.71	56098.28516	56085.52797	56089.41797	504928.9	5409228.6
L4930.0	504928.9	5409228.6	10219.20020	292.54	53.5	48.836013	-86.932833	56092.88	56248.2	1.82	56094.70	56097.22656	56083.81249	56087.74219	504928.9	5409228.6
L4930.0	504928.9	5409230.0	10219.29981	289.92	53.2	48.836026	-86.932833	56091.58	56248.2	1.82	56093.40	56095.87891	56082.05304	56086.02344	504928.9	5409230.0
L4930.0	504928.9	5409231.4	10219.40039	285.63	51.5	48.836039	-86.932833	56090.24	56248.2	1.82	56092.06	56094.48438	56080.25990	56084.26953	504928.9	5409231.4
L4930.0	504928.9	5409231.4	10219.50000	284.54	51.5	48.836039	-86.932833	56088.77	56248.2	1.82	56090.59	56092.96094	56078.46185	56082.51172	504928.9	5409231.4
L4930.0	504928.9	5409233.4	10219.59961	284.74	49.89	48.836056	-86.932833	56087.68	56248.2	1.81	56089.50	56091.81250	56076.57428	56080.66406	504928.9	5409233.4
L4930.0	504928.9	5409235.1	10219.70020	284.72	49.89	48.836071	-86.932833	56085.34	56248.2	1.81	56087.15	56089.40234	56074.97056	56079.10156	504928.9	5409235.1
L4930.0	504928.9	5409235.1	10219.79981	284.45	48.72	48.836071	-86.932833	56084.68	56248.2	1.81	56086.49	56088.67578	56072.95032	56077.12109	504928.9	5409235.1
L4930.0	504928.9	5409236.5	10219.90039	285.33	48.72	48.836084	-86.932833	56083.24	56248.2	1.80	56085.04	56087.16016	56071.13673	56075.34766	504928.9	5409236.5
L4930.0	504928.9	5409238.3	10220.00000	286.28	50.55	48.836100	-86.932832	56080.78	56248.2	1.80	56082.58	56084.62891	56070.34910	56074.60156	504928.9	5409238.3
L4930.0	504928.9	5409239.9	10220.20020	284.53	50.55	48.836115	-86.932832	56080.61	56248.2	1.80	56082.40	56084.37500	56069.21664	56073.50781	504928.9	5409239.9
L4930.0	504928.9	5409241.3	10220.20020	286.31	54.64	48.836128	-86.932832	56078.64	56248.2	1.80	56080.43	56082.32813	56067.37865	56071.71094	504928.9	5409241.3
L4930.0	504928.9	5409242.7	10220.29981	286.37	54.64	48.836140	-86.932832	56077.52	56248.2	1.79	56079.31	56081.12891	56065.93402	56070.30469	504928.9	5409242.7
L4930.0	504928.9	5409242.7	10220.50000	287.04	54.27	48.836140	-86.932832	56075.34	56248.2	1.79	56077.13	56078.86719	56064.10505	56068.51563	504928.9	5409242.7
L4930.0	504928.9	5409244.4	10220.59961	283.80	54.27	48.836156	-86.932832	56072.87	56248.2	1.79	56074.65	56076.30078	56062.19658	56066.64844	504928.9	5409244.4
L4930.0	504928.9	5409246.3	10220.70020	285.27	45.73	48.836173	-86.932832	56072.38	56248.2	1.79	56074.17	56075.73047	56061.13911	56065.62891	504928.9	5409246.3
L4930.0	504928.9	5409246.3	10220.79981	287.84	46.32	48.836173	-86.932832	56069.81	56248.2	1.78	56071.59	56073.05469	56059.25336	56063.78516	504928.9	5409246.3
L4930.0	504928.9	5409248.1	10220.90039	287.54	46.32	48.836188	-86.932832	56068.77	56248.2	1.78	56070.55	56071.91797	56058.02002	56062.58984	504928.9	5409248.1
L4930.0	504928.9	5409249.3	10221.00000	287.48	48.68	48.836200	-86.932832	56066.44	56248.2	1.78	56068.22	56069.48828	56054.89647	56059.50391	504928.9	5409249.3
L4930.0	504928.9	5409250.9	10221.09961	289.05	48.68	48.836214	-86.932832	56065.50	56248.2	1.78	56067.28	56068.44141	56053.04157	56057.68750	504928.9	5409250.9
L4930.0	504928.9	5409250.9	10221.20020	289.48	48.53	48.836214	-86.932832	56062.92	56248.2	1.78	56064.70	56065.75391	56051.65441	56056.33984	504928.9	5409250.9
L4930.0	504928.9	5409252.4	10221.20020	289.48	50.68	48.836227	-86.932832	56060.72	56248.2	1.78	56062.49	56063.42969	56050.09104	56054.81250	504928.9	5409252.4
L4930.0	504928.9	5409253.8	10221.29981	288.84	50.68	48.836240	-86.932833	56059.23	56248.2	1.77	56061.01	56061.83594	56048.28153	56053.03906	504928.9	5409253.8
L4930.0	504928.9	5409255.3	10221.50000	290.00	47.22	48.836253	-86.932833	56056.81	56248.2	1.77	56058.57	56059.27734	56046.64572	56051.44141	504928.9	5409255.3
L4930.0	504928.9	5409255.3	10221.59961	290.87	46.52	48.836253	-86.932833	56054.88	56248.2	1.77	56056.65	56057.23047	56044.82468	56049.65234	504928.9	5409255.3
L4930.0	504928.9	5409256.7	10221.70020	287.43	46.52	48.836266	-86.932833	56053.66	56248.2	1.77	56055.43	56055.88281	56042.81114	56047.67578	504928.9	5409256.7
L4930.0	504928.8	5409258.4	10221.79981	287.36	47.69	48.836282	-86.932833	56050.53	56248.2	1.76	56052.29	56052.61328	56041.09036	56045.98828	504928.8	5409258.4
L4930.0	504928.8	5409259.8	10221.90039	286.98	47.8	48.836294	-86.932833	56048.64	56248.2	1.76	56050.40	56050.58594	56039.07159	56044.00000	504928.8	5409259.8
L4930.0	504928.8	5409259.8	10222.00000	288.03	47.8	48.836294	-86.932833	56046.96	56248.2	1.76	56048.72	56048.76953	56036.95610	56041.91797	504928.8	5409259.8
L4930.0	504928.9	5409261.0	10222.09961	289.07	42.85	48.836305	-86.932833	56043.62	56248.2	1.76	56045.38	56045.28516	56035.01255	56040.00391	504928.9	5409261.0
L4930.0	504928.9	5409262.4	10222.20020	288.50	44.39	48.836318	-86.932833	56041.83	56248.2	1.75	56043.58	56043.33594	56032.77357	56037.79688	504928.9	5409262.4
L4930.0	504928.9	5409264.4	10222.29981	288.92	44.39	48.836335	-86.932833	56039.38	56248.3	1.75	56041.12	56040.72656	56030.55539	56035.60938	504928.9	5409264.4
L4930.0	504928.9	5409265.6	10222.40039	292.98	44.69	48.836346	-86.932833	56036.72	56248.3	1.74	56038.46	56037.91016	56028.29223	56033.37109	504928.9	5409265.6
L4930.0	504928.9	5409266.8	10222.50000	295.21	44.69	48.836357	-86.932832	56034.42	56248.3	1.74	56036.16	56035.44922	56025.91354	56031.01953	504928.9	5409266.8
L4930.0	504928.9	5409266.8	10222.59961	294.20	45.53	48.836357	-86.932832	56031.79	56248.3	1.74	56033.52	56032.64453	56023.51099	56028.64453	504928.9	5409266.8
L4930.0	504928.9	5409268.5	10222.70020	293.74	47.98	48.836372	-86.932832	56029.00	56248.3	1.73	56030.74	56029.69922	56021.06089	56026.21875	504928.9	5409268.5
L4930.0	504928.9	5409270.2	10222.79981	292.13	47.98	48.836387	-86.932832	56026.20	56248.3	1.73	56027.93	56026.71875	56018.55228	56023.73047	504928.9	5409270.2
L4930.0	504928.9	5409270.2	10222.90039	291.92	39.54	48.836387	-86.932832	56023.44	56248.3	1.72	56025.16	56023.77344	56015.97764	56021.17969	504928.9	5409270.2
L4930.0	504928.9	5409273.3	10223.00000	290.02	39.54	48.836416	-86.932832	56020.61	56248.3	1.72	56022.33	56020.76172	56013.35239	56018.57422	504928.9	5409273.3
L4930.0	504928.9	5409273.3	10223.09961	289.26	43.62	48.836416	-86.932832	56017.54	56248.3	1.72	56019.26	56017.50781	56010.70599	56015.94531	504928.9	5409273.3
L4930.0	504928.9	5409274.8	10223.20020	288.43	43.62	48.836429	-86.932832	56015.29	56248.3	1.72	56017.01	56015.07031	56007.87806	56013.13672	504928.9	5409274.8
L4930.0	504928.9	5409276.1	10223.20020	288.43	44.72	48.836440	-86.932832	56012.20	56248.3	1.72	56013.92	56011.78906	56005.12703	56010.39844	504928.9	5409276.1
L4930.0	504928.9	5409277.7	10223.40039	288.88	44.72	48.836455	-86.932832	56007.96	56248.3	1.72	56009.67	56007.34375	56002.51851	56007.80469	504928.9	5409277.7
L4930.0	504928.9	5409277.7	10223.50000	290.14	45.15	48.836455	-86.932832	56005.40	56248.3	1.71	56007.12	56004.59375	55999.58681	56004.88672	504928.9	5409277.7

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4930.0	504928.9	5409279.2	10223.59961	287.87	46.02	48.836468	-86.932832	56002.16	56248.3	1.71	56003.88	56001.14844	55996.72267	56002.03125	504928.9	5409279.2
L4930.0	504928.9	5409280.9	10223.70020	288.36	46.02	48.836484	-86.932832	55998.72	56248.3	1.71	56000.44	55997.50391	55993.84559	55999.16406	504928.9	5409280.9
L4930.0	504928.9	5409280.9	10223.79981	284.25	42.67	48.836484	-86.932832	55995.24	56248.3	1.71	55996.95	55993.80078	55990.92647	55996.25000	504928.9	5409280.9
L4930.0	504928.9	5409282.7	10223.90039	288.53	42.67	48.836500	-86.932832	55992.30	56248.3	1.71	55994.01	55990.64844	55987.87302	55993.20313	504928.9	5409282.7
L4930.0	504928.9	5409284.3	10224.00000	287.43	40.75	48.836515	-86.932832	55988.31	56248.3	1.71	55990.01	55986.42969	55984.92385	55990.25781	504928.9	5409284.3
L4930.0	504928.9	5409286.0	10224.09961	286.76	40.75	48.836529	-86.932832	55984.38	56248.3	1.71	55986.09	55982.28906	55981.89925	55987.23438	504928.9	5409286.0
L4930.0	504928.9	5409286.0	10224.20020	286.48	37.7	48.836529	-86.932832	55980.77	56248.3	1.70	55982.47	55978.44141	55978.77448	55984.10547	504928.9	5409286.0
L4930.0	504928.9	5409287.7	10224.29981	287.87	39.91	48.836545	-86.932832	55976.77	56248.3	1.70	55978.47	55974.21484	55975.62592	55980.95313	504928.9	5409287.7
L4930.0	504928.9	5409289.2	10224.40039	287.67	39.91	48.836558	-86.932832	55973.56	56248.3	1.70	55975.26	55970.76953	55972.34598	55977.66797	504928.9	5409289.2
L4930.0	504928.9	5409290.6	10224.50000	289.54	39.74	48.836571	-86.932832	55969.31	56248.3	1.69	55971.00	55966.27734	55969.08126	55974.39844	504928.9	5409290.6
L4930.0	504928.9	5409290.6	10224.59961	292.72	39.74	48.836571	-86.932832	55964.98	56248.3	1.69	55966.67	55961.70703	55965.73824	55971.04297	504928.9	5409290.6
L4930.0	504928.9	5409292.6	10224.70020	292.45	42.71	48.836589	-86.932832	55961.44	56248.3	1.69	55963.13	55957.92578	55962.30245	55967.59766	504928.9	5409292.6
L4930.0	504928.9	5409294.0	10224.79981	291.48	42.26	48.836602	-86.932832	55956.26	56248.3	1.69	55957.94	55952.48828	55958.81857	55964.09766	504928.9	5409294.0
L4930.0	504928.9	5409294.0	10224.90039	290.25	42.26	48.836602	-86.932832	55953.40	56248.3	1.68	55955.08	55949.38281	55955.27994	55960.54297	504928.9	5409294.0
L4930.0	504928.9	5409295.7	10225.00000	290.73	39.94	48.836617	-86.932832	55948.39	56248.3	1.68	55950.07	55944.12109	55951.65474	55956.89844	504928.9	5409295.7
L4930.0	504928.9	5409297.5	10225.09961	291.53	39.94	48.836633	-86.932832	55944.21	56248.3	1.68	55945.89	55939.68750	55947.99633	55953.21875	504928.9	5409297.5
L4930.0	504928.9	5409297.5	10225.20020	291.59	39.98	48.836633	-86.932832	55939.64	56248.3	1.68	55941.32	55934.85938	55944.27455	55949.47266	504928.9	5409297.5
L4930.0	504928.9	5409300.1	10225.20020	291.59	39.98	48.836656	-86.932832	55934.91	56248.3	1.68	55936.58	55929.85938	55940.49943	55945.66797	504928.9	5409300.1
L4930.0	504928.9	5409300.1	10225.40039	292.50	35.96	48.836656	-86.932832	55930.61	56248.3	1.67	55932.28	55925.30078	55936.71999	55941.85938	504928.9	5409300.1
L4930.0	504928.9	5409301.8	10225.50000	294.04	35.73	48.836672	-86.932832	55925.85	56248.3	1.67	55927.52	55920.27734	55932.87856	55937.98828	504928.9	5409301.8
L4930.0	504928.9	5409303.2	10225.59961	294.56	35.73	48.836685	-86.932831	55922.26	56248.3	1.67	55923.93	55916.42188	55929.11233	55934.18750	504928.9	5409303.2
L4930.0	504928.9	5409305.0	10225.70020	294.03	44.01	48.836700	-86.932831	55916.44	56248.3	1.67	55918.10	55910.32031	55925.13528	55930.17188	504928.9	5409305.0
L4930.0	504928.9	5409305.0	10225.79981	291.18	44.01	48.836700	-86.932831	55912.14	56248.3	1.66	55913.81	55905.76172	55921.27595	55926.27344	504928.9	5409305.0
L4930.0	504928.9	5409306.5	10225.90039	290.72	43.94	48.836714	-86.932831	55907.46	56248.3	1.66	55909.12	55900.80078	55917.36136	55922.31641	504928.9	5409306.5
L4930.0	504928.9	5409308.2	10226.00000	290.42	41.94	48.836729	-86.932831	55902.66	56248.3	1.66	55904.32	55895.72656	55913.41830	55918.32813	504928.9	5409308.2
L4930.0	504928.9	5409309.4	10226.09961	289.39	41.94	48.836740	-86.932831	55897.90	56248.3	1.66	55899.56	55890.69141	55909.46894	55914.33203	504928.9	5409309.4
L4930.0	504928.9	5409310.9	10226.20020	288.98	43.79	48.836754	-86.932831	55893.10	56248.3	1.66	55894.76	55885.61328	55905.51250	55910.32422	504928.9	5409310.9
L4930.0	504928.9	5409310.9	10226.29981	288.81	41.59	48.836754	-86.932831	55887.73	56248.3	1.66	55889.39	55879.96875	55901.49139	55906.25000	504928.9	5409310.9
L4930.0	504928.9	5409312.6	10226.40039	287.93	41.59	48.836769	-86.932831	55883.48	56248.3	1.66	55885.14	55875.43750	55897.58952	55902.28906	504928.9	5409312.6
L4930.0	504928.9	5409312.6	10226.50000	289.17	43.87	48.836769	-86.932831	55878.15	56248.3	1.66	55879.81	55869.82813	55893.56601	55898.20703	504928.9	5409312.6
L4930.0	504929.0	5409314.5	10226.59961	290.85	43.87	48.836786	-86.932831	55873.44	56248.3	1.66	55875.10	55864.83984	55889.61262	55894.19141	504929.0	5409314.5
L4930.0	504929.0	5409316.3	10226.70020	292.66	43.9	48.836802	-86.932831	55868.54	56248.3	1.66	55870.20	55859.65625	55885.63173	55890.14453	504929.0	5409316.3
L4930.0	504929.0	5409317.7	10226.79981	293.05	43.9	48.836815	-86.932831	55864.16	56248.3	1.66	55865.82	55854.99609	55881.71371	55886.16016	504929.0	5409317.7
L4930.0	504929.0	5409317.7	10226.90039	290.92	44.38	48.836815	-86.932831	55859.04	56248.3	1.66	55860.70	55849.59375	55877.70136	55882.07813	504929.0	5409317.7
L4930.0	504929.0	5409319.4	10227.00000	291.15	44.68	48.836830	-86.932831	55854.42	56248.3	1.66	55856.08	55844.69141	55873.76703	55878.07031	504929.0	5409319.4
L4930.0	504929.0	5409320.8	10227.09961	290.80	44.61	48.836843	-86.932831	55849.59	56248.3	1.66	55851.25	55839.57813	55869.82817	55874.05469	504929.0	5409320.8
L4930.0	504929.0	5409322.3	10227.20020	293.31	44.61	48.836857	-86.932830	55844.12	56248.3	1.66	55845.78	55833.82422	55865.83132	55869.97656	504929.0	5409322.3
L4930.0	504929.0	5409323.9	10227.20020	293.31	43.45	48.836871	-86.932830	55840.40	56248.3	1.66	55842.06	55829.82422	55862.16327	55866.22656	504929.0	5409323.9
L4930.0	504929.0	5409323.9	10227.40039	293.28	43.45	48.836871	-86.932830	55834.84	56248.3	1.65	55836.50	55823.98047	55858.28819	55862.26563	504929.0	5409323.9
L4930.0	504929.0	5409325.6	10227.50000	292.37	43.45	48.836886	-86.932830	55831.02	56248.3	1.65	55832.67	55819.87109	55854.78864	55858.67969	504929.0	5409325.6
L4930.0	504929.0	5409326.9	10227.59961	293.78	43.43	48.836897	-86.932831	55826.14	56248.4	1.65	55827.79	55814.71094	55851.24549	55855.04688	504929.0	5409326.9
L4930.0	504929.0	5409328.3	10227.70020	293.85	44.19	48.836910	-86.932831	55821.41	56248.4	1.65	55823.05	55809.69141	55847.86713	55851.57422	504929.0	5409328.3
L4930.0	504929.0	5409328.3	10227.79981	290.77	44.19	48.836910	-86.932831	55816.53	56248.4	1.64	55818.17	55804.53125	55844.63117	55848.23828	504929.0	5409328.3
L4930.0	504928.9	5409330.0	10227.90039	288.79	41.47	48.836926	-86.932831	55812.20	56248.4	1.64	55813.84	55799.92578	55841.65255	55845.16016	504928.9	5409330.0
L4930.0	504928.9	5409331.7	10228.00000	290.62	41.47	48.836941	-86.932831	55808.66	56248.4	1.64	55810.30	55796.11328	55838.95484	55842.36328	504928.9	5409331.7
L4930.0	504928.9	5409333.2	10228.09961	290.39	41.47	48.836954	-86.932831	55804.49	56248.4	1.64	55806.13	55791.66797	55836.36187	55839.66406	504928.9	5409333.2
L4930.0	504928.9	5409333.2	10228.20020	288.70	40	48.836954	-86.932831	55800.89	56248.4	1.64	55802.53	55787.79688	55834.02101	55837.21484	504928.9	5409333.2
L4930.0	504928.9	5409334.9	10228.29981	288.28	45.21	48.836969	-86.932831	55795.76	56248.4	1.64	55797.40	55782.39453	55831.74269	55834.82422	504928.9	5409334.9
L4930.0	504928.9	5409336.4	10228.40039	290.75	45.21	48.836983	-86.932831	55792.44	56248.4	1.64	55794.08	55778.80859	55829.80549	55832.77344	504928.9	5409336.4
L4930.0	504928.9	5409336.4	10228.50000	289.62	45.15	48.836983	-86.932831	55789.27	56248.4	1.63	55790.90	55775.36328	55828.03910	55830.89453	504928.9	5409336.4
L4930.0	504928.9	5409338.0	10228.59961	291.89	45.15	48.836998	-86.932831	55785.13	56248.4	1.63	55786.77	55770.97266	55826.41297	55829.14844	504928.9	5409338.0
L4930.0	504928.9	5409339.3	10228.70020	291.23	43.15	48.837009	-86.932831	55781.75	56248.4	1.63	55783.38	55767.32031	55824.98348	55827.59766	504928.9	5409339.3
L4930.0	504928.9	5409340.9	10228.79981	288.59	45.03	48.837023	-86.932831	55778.28	56248.4	1.63	55779.91	55763.59375	55823.71942	55826.20703	504928.9	5409340.9
L4930.0	504928.9	5409342.3	10228.90039	289.39	45.01	48.837036	-86.932831	55775.28	56248.4	1.63	55776.91	55760.34375	55822.58709	55824.94922	504928.9	5409342.3
L4930.0	504928.9	5409342.3	10229.00000	289.33	45.01	48.837036	-86.932831	55771.75	56248.4	1.63	55773.38	55756.56250	55821.61503	55823.84766	504928.9	5409342.3
L4930.0	504928.9	5409343.7	10229.09961	289.04	44.63	48.837049	-86.932831	55769.56	56248.4	1.63	55771.18	55754.11328	55820.75638	55822.85938	504928.9	5409343.7
L4930.0	504928.9	5409345.4	10229.20020	289.44	44.97	48.837064	-86.932831	55767.66	56248.4	1.63	55769.29	55751.98047	55820.05652	55822.02344	504928.9	5409345.4
L4930.0	504928.9	5409346.8	10229.20020	289.44	44.97	48.837077	-86.932831	55765.03	56248.4	1.63	55766.65	55749.10156	55819.61066	55821.44141	504928.9	5409346.8
L4930.0	504928.9	5409348.3	10229.40039	286.38	44.88	48.837090	-86.932830	55763.20	56248.4	1.63	55764.83	55747.04688	55819.33178	55821.02344	504928.9	5409348.3
L4930.0	504929.0	5409349.7	10229.50000	286.49	44.88	48.837103	-86.932830	55761.52	56248.4	1.63	55763.14	55745.12500	55819.28717	55820.83984	504929.0	5409349.7
L4930.0	504929.0	5409349.7	10229.59961	286.48	43.15	48.837103	-86.932830	55760.42	56248.4	1.62	55762.05	55743.80859	55819.45736	55820.86719	504929.0	5409349.7
L4930.0	504929.0	5409351.2	10229.70020	286.93	43.21	48.837117	-86.932830	55759.79	56248.4	1.62	55761.42	55742.95313	55819.85993	55821.12500	504929.0	5409351.2
L4930.0	504929.0	5409353.2	10229.79981	288.25	43.21	48.837134	-86.932830	55758.90	56248.4	1.62	55760.52	55741.83203	55820.57811	55821.69531	504929.0	5409353.2
L4930.0	504929.0	5409354.6	10229.90039	290.29	34.66	48.837147	-86.932829	55759.32	56248.4	1.62	55760.94	55742.03906	55821.44924	55822.41406	504929.0	5409354.6
L4930.0	504929.0	5409354.6	10230.00000	291.46	34.66	48.837147	-86.932829	55759.41	56248.4	1.62	55761.03	55741.92188	55822.66599	55823.48047	504929.0	5409354.6
L4930.0	504929.0	5409356.3	10230.09961	292.94	34.66	48.837162	-86.932829	55760.42	56248.4	1.62	55762.04	55742.72656	55824.09047	55824.75391	504929.0	5409356.3
L4930.0	504929.1	5409357.8	10230.20020	287.44	43.35	48.837176	-86.932829	55761.62	56248.4	1.62	55763.24	55743.73047	55825.82024	55826.32813	504929.1	5409357.8
L4930.0	504929.1	5409359.5	10230.29981	289.97	43.35	48.837191	-86.932828	55763.73	56248.4	1.62	55765.36	55745.65625	55827.76735	55828.11719	504929.1	5409359.5
L4930.0	504929.1	5409359.5	10230.40039	289.54	42.94	48.837191	-86.932828	55765.54	56248.4	1.62	55767.16	55747.26563	55830.10696	55830.29688	504929.1	5409359.5
L4930.0	504929.1	5409361.4	10230.50000	290.79	44.02	48.837208	-86.932828	55767.79	56248.4	1.63	55769.41	55749.33594	55832.73652	55832.76563	504929.1	5409361.4
L4930.0	504929.1	5409363.1	10230.59961	288.59	44.02	48.837223	-86.932828	55771.70	56248.4	1.63	55773.33	55753.07813	55835.46863	55835.33594	504929.1	5409363.1
L4930.0	504929.1	5409363.1	10230.70020	289.57	39.99	48.837223	-86.932828	55774.52	56248.4	1.63	55776.14	55755.71484	55838.71779	55838.42188	504929.1	5409363.1
L4930.0	504929.1	5409364.6	10230.79981	288.39	39.99	48.837236	-86.932828	55779.47	56248.4	1.63	55781.10	55760.51172	55841.95973	55841.50000	504929.1	5409364.6
L4930.0	504929.2	5409366.2	10230.90039	288.94	42.29	48.837252	-86.932828	55784.48	56248.4	1.63	55786.11	55765.36328	55845.51316	55844.88672	504929.2	5409366.2
L4930.0	504929.2	5409367.8	10231.00000	287.81	42.29	48.837265	-86.932827	55788.83	56248.4	1.63	55790.46	55769.56250	55849.49515	55848.70313	504929.2	5409367.8
L4930.0	504929.2	5409367.8	10231.09961	287.94	43.69	48.837265	-86.932827	55794.90	56248.4	1.63	55796.53	55775.48438	55853.48227	55852.52344	504929.2	5409367.8
L4930.0	504929.2	5409369.1	10231.20020	288.37	43.69	48.837278	-86.932827	55801.02	56248.4	1.63	55802.65	55781.46484	55857.74975	55856.62109	504929.2	5409369.1
L4930.0	504929.2	5409370.6	10231.20020	288.37	42.17	48.837291	-86.932827	55807.90	56248.4	1.63	55809.53	55788.20703	55862.15282	55860.85156	504929.2	5409370.6
L4930.0	504929.2	5409372.3	10231.29981	290.30	42.17	48.837306	-86.932827	55814.53	56248.4	1.62	55816.15	55794.70313	55866.85822	55865.38672	504929.2	5409372.3
L4930.0	504929.2	5409372.3	10231.50000	290.42	43.13	48.837306	-86.932827	55821.11	56248.4	1.62	55822.73	55801.16406	55871.80746	55870.16797	504929.2	5409372.3
L4930.0	504929.2	5409374.0	10231.59961	288.86	43.32	48.837321	-86.932827	55829.43	56248.4	1.62	55831.04	55809.35938	55876.64490	55874.83203	504929.2	5409374.0
L4930.0	504929.2	5409375.4	10231.70020	289.31	43.32	48.837334	-86.932827	55837.02	56248.4	1.62	55838.64	55816.85156	55881.81510	55879.82813	504929.2	5409375.4
L4930.0	504929.2	5409375.4	10231.79981	288.78	43.54	48.837334	-86.932827	55844.93	56248.4	1.61	55846.55	55824.66016	55887.10786	55884.94922	504929.2	5409375.4
L4930.0	504929.2	5409376.9	10231.90039	288.52	37.34	48.837347	-86.932827	55853.58	56248.4	1.61	55855.19	55833.21094	55892.43341	55890.10156	504929.2	5409376.9
L4930.0	504929.2	5409378.8	10232.00000	287.88	37.34	48.837365	-86.932827	55862.48	56248.4	1.61	55864.09	55842.02734	55897.87093	55895.36719	504929.2	5409378.8
L4930.0	504929.2	5409380.3	10232.09961	287.86	37.34	48.837378	-86.932827	55871.50	56248.4	1.61	55873.11	55850.96875	55903.43702	55900.75781	504929.2	5409380.3
L4930.0	504929.2	5409381.7	10232.20020	287.78	39.58	48.837390	-86.932827	55880.85	56248.4	1.61	55882.46	55860.24609	55909.08882	55906.23438	504929.2	5409381.7
L4930.0	504929.2	5409381.7	10232.29981	287.28	44.43	48.837390	-86.932827	55889.56	56248.4	1.61	55891.16	55868.88281	55914.97307	55911.94531	504929.2	5409381.7
L4930.0	504929.1	5409383.1	10232.40039	286.75	44.43	48.837403	-86.932827	55898.54	56248.4	1.61	55900.14	55877.80469	55920.92895	55917.73047	504929.1	5409383.1
L4930.0	504929.1	5409384.6	10232.50000	288.19	38.68	48.837417	-86.932828	55908.14	56248.4	1.61	55909.75	55887.36719	55926.91359	55923.54297	504929.1	5409384.6
L4930.0	504929.1	5409385.8	10232.59961	289.08	33.46	48.837428	-86.932828	55917.00	56248.4	1.60	55918.60	55896.17578	55933.09657	55929.55469	504929.1	5409385.8
L4930.0	504929.1	5409387.5	10232.70020	290.83	33.46	48.837443	-86.932828	55927.09	56248.4	1.60	55928.69	55906.23438	55939.24870	55935.53516	504929.1	5409387.5
L4930.0	504929.1	5409387.5	10232.79981	289.42	41.26	48.837443	-86.932828	55935.44	56248.4	1.60	55937.04	55914.55469	55945.64544	55941.76172	504929.1	5409387.5

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4930.0	504929.1	5409388.8	10232.90039	288.98	41.26	48.837455	-86.932828	55945.50	56248.4	1.60	55947.11	55924.60938	55951.99155	55947.94141	504929.1	5409388.8
L4930.0	504929.1	5409390.4	10233.00000	288.90	44.14	48.837469	-86.932828	55954.26	56248.4	1.60	55955.86	55933.34766	55958.48540	55954.26563	504929.1	5409390.4
L4930.0	504929.1	5409391.9	10233.09961	290.08	44.14	48.837482	-86.932828	55963.29	56248.4	1.60	55964.89	55942.37500	55965.01571	55960.63281	504929.1	5409391.9
L4930.0	504929.0	5409393.6	10233.20020	290.64	41.72	48.837498	-86.932829	55972.95	56248.4	1.60	55974.55	55952.03906	55971.59241	55967.04297	504929.0	5409393.6
L4930.0	504929.0	5409393.6	10233.20020	290.64	42.73	48.837498	-86.932829	55979.53	56248.4	1.60	55981.13	55958.63281	55978.15217	55973.43750	504929.0	5409393.6
L4930.0	504929.0	5409395.0	10233.40039	291.10	42.73	48.837510	-86.932829	55989.67	56248.4	1.60	55991.28	55968.80078	55984.79930	55979.92578	504929.0	5409395.0
L4930.0	504929.0	5409396.5	10233.50000	291.17	40.99	48.837524	-86.932829	55996.65	56248.4	1.60	55998.26	55975.81250	55991.30133	55986.26953	504929.0	5409396.5
L4930.0	504929.0	5409397.7	10233.59961	292.07	41.82	48.837535	-86.932829	56005.45	56248.4	1.61	56007.06	55984.64844	55997.87874	55992.68750	504929.0	5409397.7
L4930.0	504929.0	5409397.7	10233.70020	292.82	41.82	48.837535	-86.932829	56013.57	56248.4	1.61	56015.18	55992.81250	56004.36966	55999.02344	504929.0	5409397.7
L4930.0	504929.0	5409399.2	10233.79981	291.54	41.58	48.837548	-86.932829	56020.91	56248.4	1.61	56022.52	56000.20313	56010.71719	56005.21875	504929.0	5409399.2
L4930.0	504929.0	5409400.9	10233.90039	291.07	41.58	48.837564	-86.932829	56028.50	56248.4	1.61	56030.11	56007.85156	56017.00912	56011.36328	504929.0	5409400.9
L4930.0	504929.0	5409402.1	10234.00000	290.49	40.78	48.837574	-86.932830	56034.95	56248.4	1.61	56036.56	56014.37109	56023.05066	56017.25781	504929.0	5409402.1
L4930.0	504928.9	5409404.2	10234.09961	291.75	40.78	48.837593	-86.932830	56042.66	56248.4	1.61	56044.27	56022.15625	56029.16385	56023.22656	504928.9	5409404.2
L4930.0	504928.9	5409404.2	10234.20020	292.74	31.01	48.837593	-86.932830	56049.44	56248.4	1.61	56051.05	56029.01953	56035.03131	56028.95313	504928.9	5409404.2
L4930.0	504928.9	5409405.7	10234.29981	291.17	33.52	48.837607	-86.932830	56055.67	56248.4	1.61	56057.28	56035.33984	56040.68888	56034.47266	504928.9	5409405.7
L4930.0	504928.9	5409407.4	10234.40039	290.50	33.52	48.837621	-86.932830	56061.63	56248.4	1.61	56063.24	56041.40234	56046.18001	56039.82813	504928.9	5409407.4
L4930.0	504928.9	5409408.8	10234.50000	288.23	33.52	48.837634	-86.932830	56068.26	56248.4	1.61	56069.87	56048.14063	56051.68134	56045.20313	504928.9	5409408.8
L4930.0	504928.9	5409408.8	10234.59961	290.82	37.93	48.837634	-86.932830	56073.35	56248.4	1.61	56074.96	56053.34375	56056.78293	56050.17578	504928.9	5409408.8
L4930.0	504928.9	5409410.4	10234.70020	291.20	37.93	48.837649	-86.932831	56078.68	56248.4	1.61	56080.29	56058.79688	56061.81629	56055.08594	504928.9	5409410.4
L4930.0	504928.9	5409412.1	10234.79981	294.11	38.48	48.837664	-86.932831	56084.50	56248.4	1.61	56086.11	56064.74609	56066.83331	56059.98828	504928.9	5409412.1
L4930.0	504928.8	5409413.7	10234.90039	293.12	38.48	48.837679	-86.932831	56089.26	56248.4	1.61	56090.87	56069.64844	56071.50610	56064.54688	504928.8	5409413.7
L4930.0	504928.8	5409415.1	10235.00000	292.54	37.2	48.837691	-86.932831	56094.14	56248.4	1.61	56095.75	56074.67578	56076.06217	56068.99609	504928.8	5409415.1
L4930.0	504928.8	5409415.1	10235.09961	290.66	41	48.837691	-86.932831	56098.58	56248.4	1.61	56100.19	56079.26953	56080.35705	56073.18750	504928.8	5409415.1
L4930.0	504928.8	5409416.8	10235.20020	291.01	41	48.837706	-86.932831	56103.57	56248.4	1.61	56105.19	56084.42969	56084.59648	56077.32422	504928.8	5409416.8
L4930.0	504928.8	5409417.9	10235.20020	291.01	35.9	48.837716	-86.932832	56106.33	56248.4	1.61	56107.94	56087.35156	56088.15074	56080.78516	504928.8	5409417.9
L4930.0	504928.8	5409417.9	10235.40039	290.57	35.9	48.837716	-86.932832	56110.53	56248.4	1.61	56112.14	56091.73047	56091.85189	56084.40234	504928.8	5409417.9
L4930.0	504928.8	5409419.8	10235.50000	291.00	37.59	48.837733	-86.932832	56114.93	56248.4	1.62	56116.55	56096.32813	56095.41716	56087.88281	504928.8	5409419.8
L4930.0	504928.8	5409421.1	10235.59961	291.34	37.59	48.837745	-86.932832	56119.15	56248.4	1.62	56120.77	56100.74219	56098.76029	56091.15234	504928.8	5409421.1
L4930.0	504928.7	5409422.8	10235.70020	291.34	36.81	48.837760	-86.932832	56121.96	56248.4	1.62	56123.57	56103.74219	56101.66973	56093.99219	504928.7	5409422.8
L4930.0	504928.7	5409422.8	10235.79981	295.15	36.81	48.837760	-86.932832	56125.53	56248.4	1.62	56127.15	56107.53516	56104.60500	56096.86328	504928.7	5409422.8
L4930.0	504928.7	5409424.2	10235.90039	294.02	36.91	48.837773	-86.932832	56128.06	56248.4	1.62	56129.68	56110.28125	56107.26414	56099.46484	504928.7	5409424.2
L4930.0	504928.7	5409426.3	10236.00000	295.34	36.91	48.837792	-86.932833	56130.66	56248.4	1.62	56132.28	56113.10938	56109.88191	56102.03516	504928.7	5409426.3
L4930.0	504928.7	5409427.7	10236.09961	294.02	34.68	48.837804	-86.932833	56134.23	56248.4	1.62	56135.85	56116.91016	56112.58871	56104.69922	504928.7	5409427.7
L4930.0	504928.7	5409427.7	10236.20020	292.16	35.97	48.837804	-86.932833	56136.93	56248.4	1.62	56138.55	56119.85156	56115.10102	56107.17578	504928.7	5409427.7
L4930.0	504928.7	5409429.3	10236.29981	290.64	35.97	48.837819	-86.932833	56139.72	56248.4	1.62	56141.34	56122.89063	56117.55129	56109.59766	504928.7	5409429.3
L4930.0	504928.7	5409430.6	10236.40039	290.90	39.28	48.837831	-86.932833	56142.40	56248.4	1.62	56144.01	56125.82031	56119.90297	56111.92969	504928.7	5409430.6
L4930.0	504928.7	5409430.6	10236.50000	289.68	38.65	48.837831	-86.932833	56144.10	56248.4	1.62	56145.71	56127.78516	56122.05323	56114.07031	504928.7	5409430.6
L4930.0	504928.7	5409432.3	10236.59961	288.59	38.65	48.837846	-86.932833	56146.86	56248.4	1.61	56148.47	56130.82031	56124.21333	56116.22656	504928.7	5409432.3
L4930.0	504928.7	5409433.4	10236.70020	285.96	38.05	48.837856	-86.932832	56148.39	56248.4	1.61	56150.01	56132.64063	56126.14047	56118.16016	504928.7	5409433.4
L4930.0	504928.7	5409435.3	10236.79981	286.32	38.05	48.837872	-86.932832	56150.57	56248.4	1.61	56152.18	56135.09766	56128.01871	56120.05078	504928.7	5409435.3
L4930.0	504928.7	5409435.3	10236.90039	287.60	36.18	48.837872	-86.932832	56151.76	56248.4	1.61	56153.37	56136.58594	56129.71812	56121.77344	504928.7	5409435.3
L4930.0	504928.8	5409436.9	10237.00000	289.94	36.18	48.837888	-86.932832	56154.39	56248.4	1.61	56156.00	56139.51953	56131.40106	56123.48828	504928.8	5409436.9
L4930.0	504928.8	5409438.8	10237.09961	289.18	38.84	48.837904	-86.932832	56156.56	56248.4	1.61	56158.18	56142.01172	56132.94681	56125.07813	504928.8	5409438.8
L4930.0	504928.8	5409440.2	10237.20020	289.76	38.84	48.837917	-86.932831	56157.88	56248.4	1.61	56159.50	56143.65234	56134.38178	56126.56250	504928.8	5409440.2
L4930.0	504928.8	5409440.2	10237.20020	289.76	32.04	48.837917	-86.932831	56159.22	56248.4	1.61	56160.83	56145.30859	56135.76364	56128.00781	504928.8	5409440.2
L4930.0	504928.8	5409441.6	10237.40039	292.35	32.04	48.837930	-86.932831	56160.14	56248.4	1.62	56161.76	56146.57813	56137.11185	56129.42578	504928.8	5409441.6
L4930.0	504928.9	5409443.0	10237.50000	292.58	32.91	48.837942	-86.932831	56162.36	56248.4	1.62	56163.97	56149.13281	56138.41622	56130.81641	504928.9	5409443.0
L4930.0	504928.9	5409444.2	10237.59961	291.79	32.25	48.837953	-86.932830	56163.95	56248.4	1.62	56165.57	56151.08594	56139.70405	56132.19531	504928.9	5409444.2
L4930.0	504928.9	5409444.2	10237.70020	289.79	32.25	48.837953	-86.932830	56164.66	56248.4	1.62	56166.28	56152.15625	56141.02051	56133.61719	504928.9	5409444.2
L4930.0	504928.9	5409445.8	10237.79981	289.47	37.12	48.837967	-86.932830	56166.36	56248.4	1.63	56167.98	56154.22266	56142.27292	56134.98438	504928.9	5409445.8
L4930.0	504928.9	5409447.3	10237.90039	289.84	37.12	48.837980	-86.932830	56166.99	56248.4	1.63	56168.62	56155.24219	56143.56708	56136.40625	504928.9	5409447.3
L4930.0	504928.9	5409448.7	10238.00000	289.47	38.34	48.837993	-86.932829	56168.18	56248.4	1.63	56169.81	56156.81641	56144.79321	56137.77344	504928.9	5409448.7
L4930.0	504929.0	5409449.8	10238.09961	289.78	37.48	48.838003	-86.932829	56169.84	56248.4	1.63	56171.47	56158.87109	56145.92635	56139.05859	504929.0	5409449.8
L4930.0	504929.0	5409449.8	10238.20020	288.24	37.48	48.838003	-86.932829	56170.86	56248.4	1.63	56172.49	56160.29297	56147.04629	56140.34375	504929.0	5409449.8
L4930.0	504929.0	5409451.8	10238.29981	286.61	35.57	48.838021	-86.932829	56172.19	56248.4	1.63	56173.82	56162.03125	56148.07652	56141.55078	504929.0	5409451.8
L4930.0	504929.0	5409453.4	10238.40039	288.22	35.57	48.838035	-86.932828	56172.66	56248.4	1.63	56174.29	56162.92188	56149.14865	56142.81250	504929.0	5409453.4
L4930.0	504929.0	5409453.4	10238.50000	288.63	33.84	48.838035	-86.932828	56174.04	56248.4	1.63	56175.67	56164.73047	56150.07151	56143.93750	504929.0	5409453.4
L4930.0	504929.0	5409454.8	10238.59961	286.06	37.55	48.838048	-86.932828	56174.47	56248.4	1.62	56176.10	56165.59766	56151.08083	56145.16406	504929.0	5409454.8
L4930.0	504929.0	5409456.1	10238.70020	287.27	37.55	48.838060	-86.932828	56175.87	56248.4	1.62	56177.49	56167.42969	56151.93997	56146.25000	504929.0	5409456.1
L4930.0	504929.0	5409457.2	10238.79981	288.86	35.37	48.838070	-86.932828	56176.34	56248.4	1.62	56177.97	56168.36328	56152.93846	56147.49219	504929.0	5409457.2
L4930.0	504929.0	5409457.2	10238.90039	288.60	31.83	48.838070	-86.932828	56177.28	56248.4	1.62	56178.90	56169.75391	56153.89232	56148.70703	504929.0	5409457.2
L4930.0	504929.0	5409459.0	10239.00000	288.20	31.83	48.838086	-86.932828	56178.44	56248.4	1.62	56180.06	56171.38672	56154.85199	56149.93750	504929.0	5409459.0
L4930.0	504929.0	5409460.6	10239.09961	287.19	33.35	48.838100	-86.932828	56179.34	56248.4	1.62	56180.96	56172.76563	56155.90442	56151.27734	504929.0	5409460.6
L4930.0	504929.0	5409462.1	10239.20020	287.63	35.61	48.838114	-86.932828	56179.66	56248.4	1.62	56181.28	56173.57422	56157.09753	56152.77344	504929.0	5409462.1
L4930.0	504929.0	5409463.3	10239.20020	287.63	35.61	48.838124	-86.932828	56180.86	56248.4	1.62	56182.48	56175.27344	56158.16698	56154.16016	504929.0	5409463.3
L4930.0	504929.0	5409464.9	10239.40039	289.23	33.54	48.838139	-86.932828	56182.15	56248.4	1.62	56183.77	56177.07031	56159.24691	56155.57031	504929.0	5409464.9
L4930.0	504929.0	5409464.9	10239.50000	290.05	39.31	48.838139	-86.932828	56182.06	56248.4	1.62	56183.68	56177.49609	56160.56713	56157.23828	504929.0	5409464.9
L4930.0	504929.0	5409466.2	10239.59961	290.50	39.31	48.838151	-86.932829	56183.15	56248.4	1.62	56184.77	56179.11328	56161.69194	56158.73047	504929.0	5409466.2
L4930.0	504929.0	5409467.8	10239.70020	293.25	40.09	48.838165	-86.932829	56184.54	56248.4	1.62	56186.16	56181.03906	56162.76241	56160.17969	504929.0	5409467.8
L4930.0	504929.0	5409468.8	10239.79981	289.53	40.09	48.838174	-86.932829	56185.58	56248.4	1.62	56187.20	56182.62500	56163.86906	56161.68359	504929.0	5409468.8
L4930.0	504929.0	5409470.4	10239.90039	289.24	38.93	48.838189	-86.932829	56186.01	56248.4	1.62	56187.63	56183.60938	56165.03330	56163.25781	504929.0	5409470.4
L4930.0	504929.0	5409471.7	10240.00000	287.96	40.12	48.838200	-86.932829	56187.10	56248.4	1.62	56188.72	56185.26563	56166.06546	56164.72266	504929.0	5409471.7
L4930.0	504929.0	5409471.7	10240.09961	286.58	40.12	48.838200	-86.932829	56187.90	56248.4	1.62	56189.53	56186.64844	56167.09327	56166.19531	504929.0	5409471.7
L4930.0	504929.0	5409473.3	10240.20020	287.35	39.34	48.838215	-86.932829	56188.56	56248.4	1.63	56190.19	56187.89453	56168.09831	56167.66406	504929.0	5409473.3
L4930.0	504929.0	5409475.0	10240.29981	289.63	39.34	48.838230	-86.932829	56189.71	56248.4	1.63	56191.34	56189.64063	56168.99458	56169.04297	504929.0	5409475.0
L4930.0	504929.0	5409476.4	10240.40039	289.15	27.67	48.838243	-86.932829	56190.20	56248.4	1.64	56191.84	56190.74609	56169.93975	56170.48828	504929.0	5409476.4
L4930.0	504929.0	5409477.9	10240.50000	289.61	27.67	48.838256	-86.932828	56191.86	56248.4	1.64	56193.50	56193.02344	56170.67297	56171.73828	504929.0	5409477.9
L4930.0	504929.0	5409477.9	10240.59961	289.23	30.27	48.838256	-86.932828	56192.59	56248.4	1.64	56194.23	56194.37891	56171.50541	56173.10547	504929.0	5409477.9
L4930.0	504929.0	5409479.3	10240.70020	290.95	34.38	48.838268	-86.932828	56193.72	56248.4	1.65	56195.37	56196.15625	56172.23085	56174.38672	504929.0	5409479.3
L4930.0	504929.0	5409481.0	10240.79981	290.59	34.38	48.838284	-86.932828	56194.33	56248.3	1.65	56195.98	56197.41406	56173.02100	56175.74609	504929.0	5409481.0
L4930.0	504929.0	5409481.0	10240.90039	290.65	39.22	48.838284	-86.932828	56194.99	56248.3	1.66	56196.64	56198.73438	56173.78882	56177.10547	504929.0	5409481.0
L4930.0	504929.0	5409482.7	10241.00000	289.45	39.22	48.838299	-86.932828	56196.68	56248.3	1.66	56198.34	56201.10156	56174.31384	56178.24219	504929.0	5409482.7
L4930.0	504929.0	5409484.1	10241.09961	289.37	35.61	48.838312	-86.932828	56197.92	56248.3	1.66	56199.58	56203.02344	56174.92705	56179.48047	504929.0	5409484.1
L4930.0	504929.0	5409485.5	10241.20020	287.47	29.45	48.838324	-86.932828	56199.21	56248.3	1.66	56200.87	56205.00781	56175.53233	56180.73438	504929.0	5409485.5
L4930.0	504929.0	5409486.6	10241.20020	287.47	29.64	48.838334	-86.932828	56199.44	56248.3	1.66	56201.10	56205.94141	56176.47198	56182.33984	504929.0	5409486.6
L4930.0	504929.0	5409486.6	10241.29981	290.09	29.64	48.838334	-86.932828	56200.81	56248.3	1.67	56202.48	56208.03906	56177.13029	56183.68750	504929.0	5409486.6
L4930.0	504929.0	5409488.7	10241.50000	290.89	34.43	48.838353	-86.932828	56202.63	56248.3	1.67	56204.30	56210.58594	56177.69325	56184.95703	504929.0	5409488.7
L4930.0	504929.0	5409490.1	10241.59961	288.50	34.43	48.838366	-86.932828	56202.75	56248.3	1.67	56204.43	56211.45703	56177.98379	56185.97266	504929.0	5409490.1
L4930.0	504929.0	5409491.7	10241.70020	287.20	42.13	48.838381	-86.932828	56204.56	56248.3	1.67	56206.23	56214.00781	56179.06290	56187.79688	504929.0	5409491.7
L4930.0	504929.0	5409491.7	10241.79981	285.24	42.21	48.838381	-86.932828	56205.82	56248.3	1.68	56207.49	56216.03125	56179.97742	56189.47656	504929.0	5409491.7
L4930.0	504929.0	5409493.4	10241.90039	285.05	42.21	48.838395	-86.932828	56206.94	56248.3	1.68	56208.62	56217.93750	56180.90697	56191.19141	504929.0	5409493.4
L4930.0	504929.0	5409494.8	10242.00000	284.39	42.21	48.838408	-86.932828	56208.70	56248.3	1.68	56210.38	56220.48828	56182.16922	56193.26172	504929.0	5409494.8
L4930.0	504929.0	5409494.8	10242.09961	285.81	42.42	48.838408	-86.932828	56209.87	56248.3	1.68	56211.55	56222.45703	56183.26242	56195.17969	504929.0	5409494.8

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4930.0	504929.0	5409496.5	10242.20020	285.62	42.33	48.838423	-86.932829	56212.27	56248.3	1.68	56213.95	56225.67188	56184.94056	56197.70313	504929.0	5409496.5
L4930.0	504928.9	5409497.7	10242.29981	284.27	42.03	48.838434	-86.932829	56213.42	56248.3	1.68	56215.11	56227.66016	56186.18144	56199.81250	504928.9	5409497.7
L4930.0	504928.9	5409499.6	10242.40039	283.85	42.03	48.838451	-86.932829	56215.80	56248.3	1.68	56217.48	56230.86719	56188.00884	56202.52734	504928.9	5409499.6
L4930.0	504928.9	5409499.6	10242.50000	285.59	41.37	48.838451	-86.932829	56215.79	56248.3	1.69	56217.47	56231.71094	56190.27145	56205.69922	504928.9	5409499.6
L4930.0	504928.9	5409500.9	10242.59961	285.19	41.37	48.838462	-86.932829	56218.16	56248.3	1.69	56219.85	56234.95703	56191.77814	56208.13672	504928.9	5409500.9
L4930.0	504928.9	5409502.5	10242.70020	287.83	39.88	48.838477	-86.932829	56220.73	56248.3	1.69	56222.41	56238.39844	56193.36678	56210.67578	504928.9	5409502.5
L4930.0	504928.9	5409504.0	10242.79981	288.69	42.15	48.838491	-86.932830	56222.56	56248.3	1.69	56224.25	56241.12891	56195.28368	56213.56250	504928.9	5409504.0
L4930.0	504928.9	5409504.0	10242.90039	288.99	42.28	48.838491	-86.932830	56225.23	56248.3	1.69	56226.92	56244.70703	56197.10291	56216.37109	504928.9	5409504.0
L4930.0	504928.8	5409505.6	10243.00000	288.23	42.28	48.838505	-86.932830	56226.82	56248.3	1.69	56228.51	56247.21875	56199.27477	56219.55859	504928.8	5409505.6
L4930.0	504928.8	5409507.6	10243.09961	289.28	41.16	48.838523	-86.932830	56228.63	56248.3	1.69	56230.32	56249.96094	56201.46545	56222.78125	504928.8	5409507.6
L4930.0	504928.8	5409507.6	10243.20020	290.39	41.08	48.838523	-86.932830	56231.64	56248.3	1.69	56233.33	56253.91797	56203.53950	56225.91016	504928.8	5409507.6
L4930.0	504928.8	5409509.0	10243.20020	290.39	41.69	48.838536	-86.932831	56233.50	56248.3	1.69	56235.19	56256.74219	56205.85776	56229.30469	504928.8	5409509.0
L4930.0	504928.7	5409510.7	10243.40039	289.39	41.69	48.838551	-86.932831	56236.06	56248.3	1.69	56237.75	56260.27734	56208.14719	56232.68750	504928.7	5409510.7
L4930.0	504928.7	5409511.7	10243.50000	289.40	41.88	48.838560	-86.932832	56238.77	56248.3	1.69	56240.46	56263.97656	56210.48477	56236.14453	504928.7	5409511.7
L4930.0	504928.7	5409513.4	10243.59961	290.60	41.88	48.838576	-86.932832	56241.13	56248.3	1.70	56242.83	56267.35156	56212.87467	56239.67188	504928.7	5409513.4
L4930.0	504928.7	5409513.4	10243.70020	290.30	36.01	48.838576	-86.932832	56243.89	56248.3	1.70	56245.58	56271.12109	56215.28554	56243.24219	504928.7	5409513.4
L4930.0	504928.6	5409515.1	10243.79981	288.12	38.11	48.838591	-86.932833	56245.40	56248.3	1.70	56247.10	56273.67578	56217.64859	56246.78125	504928.6	5409515.1
L4930.0	504928.6	5409516.8	10243.90039	287.12	38.11	48.838606	-86.932833	56248.43	56248.3	1.70	56250.13	56277.75391	56220.03589	56250.37109	504928.6	5409516.8
L4930.0	504928.6	5409517.7	10244.00000	289.11	38.8	48.838614	-86.932833	56250.71	56248.3	1.70	56252.41	56281.09375	56222.32516	56253.87891	504928.6	5409517.7
L4930.0	504928.6	5409519.2	10244.09961	290.18	38.8	48.838628	-86.932834	56252.79	56248.3	1.70	56254.49	56284.25391	56224.50539	56257.30078	504928.6	5409519.2
L4930.0	504928.5	5409521.1	10244.20020	290.92	38.8	48.838644	-86.932834	56255.96	56248.3	1.70	56257.66	56288.51172	56226.72971	56260.78516	504928.5	5409521.1
L4930.0	504928.5	5409521.1	10244.29981	291.25	34.01	48.838644	-86.932834	56257.98	56248.3	1.70	56259.67	56291.62891	56228.66940	56264.00781	504928.5	5409521.1
L4930.0	504928.5	5409522.5	10244.40039	289.55	36.41	48.838657	-86.932834	56260.22	56248.3	1.70	56261.92	56295.00000	56230.48409	56267.12500	504928.5	5409522.5
L4930.0	504928.5	5409524.1	10244.50000	292.18	36.95	48.838672	-86.932835	56262.42	56248.3	1.69	56264.11	56298.32813	56232.09828	56270.05859	504928.5	5409524.1
L4930.0	504928.5	5409526.0	10244.59961	291.42	36.95	48.838689	-86.932835	56264.36	56248.3	1.69	56266.05	56301.41797	56233.45113	56272.75391	504928.5	5409526.0
L4930.0	504928.5	5409526.0	10244.70020	292.49	36.95	48.838689	-86.932835	56265.66	56248.3	1.69	56267.35	56303.88281	56234.43390	56275.09766	504928.5	5409526.0
L4930.0	504928.5	5409527.7	10244.79981	294.22	37.31	48.838704	-86.932835	56268.39	56248.3	1.69	56270.09	56307.80469	56235.42265	56277.46484	504928.5	5409527.7
L4930.0	504928.4	5409529.3	10244.90039	294.21	37.31	48.838718	-86.932835	56269.46	56248.3	1.69	56271.16	56310.07031	56235.79203	56279.23438	504928.4	5409529.3
L4930.0	504928.4	5409529.3	10245.00000	293.73	38.43	48.838718	-86.932835	56270.35	56248.3	1.69	56272.04	56312.16016	56235.82058	56280.68359	504928.4	5409529.3
L4930.0	504928.4	5409530.7	10245.09961	293.61	35.65	48.838731	-86.932835	56272.04	56248.3	1.70	56273.74	56315.08594	56235.66747	56281.96875	504928.4	5409530.7
L4930.0	504928.4	5409532.1	10245.20020	293.08	35.65	48.838744	-86.932836	56273.02	56248.3	1.70	56274.72	56317.30469	56235.04631	56282.80469	504928.4	5409532.1
L4930.0	504928.4	5409533.5	10245.20020	293.08	34.87	48.838756	-86.932836	56272.75	56248.3	1.70	56274.45	56318.28906	56233.91273	56283.14453	504928.4	5409533.5
L4930.0	504928.4	5409533.5	10245.40039	288.91	34.68	48.838756	-86.932836	56273.55	56248.3	1.71	56275.26	56320.36719	56232.57894	56283.30469	504928.4	5409533.5
L4930.0	504928.4	5409535.6	10245.50000	286.84	34.68	48.838775	-86.932836	56272.27	56248.3	1.72	56273.99	56320.38281	56230.72076	56282.96094	504928.4	5409535.6
L4930.0	504928.4	5409537.1	10245.59961	287.58	33.28	48.838788	-86.932836	56272.68	56248.3	1.73	56274.41	56322.10156	56228.67220	56282.44141	504928.4	5409537.1
L4930.0	504928.4	5409537.1	10245.70020	287.35	33.28	48.838788	-86.932836	56272.24	56248.3	1.73	56273.97	56322.97656	56226.25088	56281.56641	504928.4	5409537.1
L4930.0	504928.4	5409538.6	10245.79981	287.21	31.52	48.838802	-86.932836	56271.13	56248.3	1.74	56272.86	56323.19141	56223.54125	56280.42188	504928.4	5409538.6
L4930.0	504928.4	5409539.8	10245.90039	287.70	31.52	48.838813	-86.932836	56269.21	56248.3	1.74	56270.95	56322.62500	56220.63337	56279.09375	504928.4	5409539.8
L4930.0	504928.4	5409541.2	10246.00000	289.54	32.59	48.838826	-86.932836	56268.42	56248.3	1.75	56270.17	56323.20313	56217.44843	56277.50781	504928.4	5409541.2
L4930.0	504928.4	5409542.4	10246.09961	288.58	32.59	48.838836	-86.932836	56265.20	56248.2	1.75	56266.96	56321.36328	56214.34879	56276.02344	504928.4	5409542.4
L4930.0	504928.4	5409542.4	10246.20020	288.68	31.76	48.838836	-86.932836	56262.52	56248.2	1.76	56264.27	56320.05859	56211.12576	56274.43359	504928.4	5409542.4
L4930.0	504928.4	5409544.0	10246.29981	286.12	31.76	48.838851	-86.932836	56261.30	56248.2	1.76	56263.06	56320.25000	56207.57361	56272.52734	504928.4	5409544.0
L4930.0	504928.4	5409545.9	10246.40039	286.10	33.75	48.838868	-86.932836	56256.53	56248.2	1.76	56258.29	56316.89063	56204.69874	56271.31250	504928.4	5409545.9
L4930.0	504928.4	5409547.2	10246.50000	287.99	34.89	48.838880	-86.932836	56254.20	56248.2	1.76	56255.97	56316.00000	56201.34356	56269.63672	504928.4	5409547.2
L4930.0	504928.4	5409547.2	10246.59961	287.48	34.89	48.838880	-86.932836	56251.34	56248.2	1.77	56253.10	56314.57031	56198.15460	56268.14063	504928.4	5409547.2
L4930.0	504928.4	5409548.9	10246.70020	287.93	34.89	48.838894	-86.932835	56246.93	56248.2	1.77	56248.71	56311.63672	56195.45731	56267.14844	504928.4	5409548.9
L4930.0	504928.4	5409550.3	10246.79981	286.25	33.56	48.838907	-86.932835	56243.25	56248.2	1.77	56245.03	56309.42188	56192.66500	56266.07813	504928.4	5409550.3
L4930.0	504928.4	5409551.9	10246.90039	286.43	33.56	48.838922	-86.932835	56238.84	56248.2	1.78	56240.62	56306.49219	56190.14295	56265.28906	504928.4	5409551.9
L4930.0	504928.4	5409553.3	10247.00000	288.52	31.44	48.838934	-86.932835	56235.06	56248.2	1.78	56236.84	56304.20703	56187.51783	56264.41016	504928.4	5409553.3
L4930.0	504928.4	5409553.3	10247.09961	286.25	33.08	48.838934	-86.932835	56229.44	56248.2	1.78	56231.22	56300.09766	56185.40577	56264.06250	504928.4	5409553.3
L4930.0	504928.4	5409555.3	10247.20020	287.17	33.08	48.838952	-86.932835	56225.62	56248.2	1.78	56227.40	56297.79688	56182.86615	56263.29297	504928.4	5409555.3
L4930.0	504928.5	5409556.9	10247.20020	287.17	30.36	48.838967	-86.932835	56220.66	56248.2	1.78	56222.45	56294.37891	56180.58816	56262.80078	504928.5	5409556.9
L4930.0	504928.5	5409556.9	10247.40039	287.98	30.36	48.838967	-86.932835	56215.37	56248.2	1.79	56217.15	56290.62109	56178.32346	56262.33594	504928.5	5409556.9
L4930.0	504928.5	5409558.5	10247.50000	288.14	30.13	48.838981	-86.932835	56210.50	56248.2	1.79	56212.29	56287.32031	56175.89892	56261.71875	504928.5	5409558.5
L4930.0	504928.5	5409559.9	10247.59961	288.46	30.13	48.838994	-86.932834	56205.13	56248.2	1.79	56206.92	56283.51953	56173.44602	56261.08594	504928.5	5409559.9
L4930.0	504928.5	5409561.6	10247.70020	289.16	35.3	48.839009	-86.932834	56200.76	56248.2	1.79	56202.55	56280.73047	56170.78259	56260.25000	504928.5	5409561.6
L4930.0	504928.5	5409563.0	10247.79981	289.72	35.3	48.839022	-86.932834	56194.82	56248.2	1.80	56196.61	56276.38281	56168.10811	56259.41797	504928.5	5409563.0
L4930.0	504928.5	5409563.0	10247.90039	289.81	37.51	48.839022	-86.932834	56189.54	56248.2	1.80	56191.34	56272.71484	56165.23919	56258.39844	504928.5	5409563.0
L4930.0	504928.5	5409564.2	10248.00000	290.27	36.59	48.839032	-86.932834	56185.11	56248.2	1.80	56186.91	56269.89844	56162.24893	56257.26563	504928.5	5409564.2
L4930.0	504928.5	5409564.2	10248.09961	290.82	36.59	48.839032	-86.932834	56179.10	56248.2	1.80	56180.90	56265.51172	56159.07273	56255.95703	504928.5	5409564.2
L4930.0	504928.5	5409565.9	10248.20020	292.12	37.61	48.839048	-86.932833	56174.35	56248.2	1.81	56176.16	56262.40625	56155.81778	56254.57422	504928.5	5409565.9
L4930.0	504928.6	5409567.5	10248.29981	294.13	38.62	48.839062	-86.932833	56168.96	56248.2	1.81	56170.77	56258.66406	56152.37465	56253.01563	504928.6	5409567.5
L4930.0	504928.6	5409569.0	10248.40039	294.63	38.62	48.839075	-86.932833	56163.77	56248.2	1.82	56165.58	56255.12891	56148.82241	56251.35547	504928.6	5409569.0
L4930.0	504928.6	5409570.4	10248.50000	292.16	38.62	48.839088	-86.932832	56159.69	56248.2	1.82	56161.51	56252.72266	56145.33207	56249.76172	504928.6	5409570.4
L4930.0	504928.6	5409570.4	10248.59961	293.21	38.37	48.839088	-86.932832	56155.20	56248.2	1.82	56157.02	56249.90625	56141.68916	56248.01953	504928.6	5409570.4
L4930.0	504928.6	5409571.8	10248.70020	292.89	34.73	48.839101	-86.932832	56149.16	56248.2	1.83	56150.99	56245.55859	56137.65553	56245.89453	504928.6	5409571.8
L4930.0	504928.6	5409571.8	10248.79981	293.19	34.73	48.839101	-86.932832	56144.13	56248.2	1.83	56145.96	56242.21875	56133.70872	56243.86328	504928.6	5409571.8
L4930.0	504928.6	5409573.5	10248.90039	290.58	37.65	48.839116	-86.932832	56140.13	56248.2	1.84	56141.96	56239.91797	56129.88954	56241.96094	504928.6	5409573.5
L4930.0	504928.7	5409575.1	10249.00000	291.68	39.25	48.839130	-86.932832	56136.20	56248.2	1.84	56138.04	56237.70703	56126.01502	56240.01172	504928.7	5409575.1
L4930.0	504928.7	5409576.6	10249.09961	292.13	39.25	48.839144	-86.932832	56130.74	56248.2	1.84	56132.58	56233.96094	56121.81118	56237.73438	504928.7	5409576.6
L4930.0	504928.7	5409577.9	10249.20020	293.60	39.25	48.839156	-86.932832	56127.05	56248.2	1.85	56128.90	56232.00391	56117.90012	56235.75391	504928.7	5409577.9
L4930.0	504928.7	5409577.9	10249.20020	293.60	38.32	48.839156	-86.932832	56122.24	56248.2	1.85	56124.09	56228.92188	56113.82646	56233.61328	504928.7	5409577.9
L4930.0	504928.7	5409579.6	10249.29981	293.35	30.81	48.839171	-86.932831	56117.79	56248.1	1.85	56119.64	56226.20703	56109.85966	56231.58203	504928.7	5409579.6
L4930.0	504928.7	5409581.1	10249.40039	291.38	30.81	48.839184	-86.932831	56114.45	56248.1	1.86	56116.31	56224.61719	56106.04606	56229.70313	504928.7	5409581.1
L4930.0	504928.7	5409582.7	10249.50000	289.73	34.34	48.839199	-86.932831	56110.09	56248.1	1.86	56111.96	56222.01563	56102.23474	56227.83203	504928.7	5409582.7
L4930.0	504928.7	5409584.1	10249.59961	291.62	34.34	48.839211	-86.932831	56106.74	56248.1	1.87	56108.61	56220.41797	56098.53878	56226.07422	504928.7	5409584.1
L4930.0	504928.7	5409584.1	10249.70020	290.45	31.44	48.839211	-86.932831	56102.20	56248.1	1.88	56104.08	56217.64844	56094.96004	56224.43359	504928.7	5409584.1
L4930.0	504928.7	5409585.6	10249.90039	290.61	42.53	48.839225	-86.932831	56099.10	56248.1	1.89	56100.99	56216.32031	56091.43948	56222.85156	504928.7	5409585.6
L4930.0	504928.7	5409587.2	10250.00000	288.60	42.53	48.839239	-86.932830	56095.30	56248.1	1.89	56097.19	56214.28906	56088.07367	56221.42188	504928.7	5409587.2
L4930.0	504928.7	5409587.2	10250.09961	288.60	38.24	48.839239	-86.932830	56092.14	56248.1	1.89	56094.03	56212.89844	56084.75711	56220.04297	504928.7	5409587.2
L4930.0	504928.8	5409590.3	10250.20020	287.29	38.89	48.839267	-86.932830	56088.95	56248.1	1.89	56090.85	56211.49609	56081.54488	56218.76172	504928.8	5409590.3
L4930.0	504928.8	5409590.3	10250.20020	287.29	38.89	48.839267	-86.932830	56085.76	56248.1	1.89	56087.65	56210.07031	56078.44182	56217.58984	504928.8	5409590.3
L4930.0	504928.8	5409591.4	10250.40039	285.61	41.24	48.839277	-86.932830	56082.42	56248.1	1.89	56084.32	56208.52344	56075.46863	56216.54688	504928.8	5409591.4
L4930.0	504928.8	5409593.1	10250.50000	285.33	41.24	48.839292	-86.932830	56079.21	56248.1	1.90	56081.11	56207.09766	56072.57832	56215.57813	504928.8	5409593.1
L4930.0	504928.8	5409593.1	10250.59961	285.53	39.86	48.839292	-86.932830	56076.51	56248.1	1.90	56078.40	56206.17188	56069.68549	56214.60938	504928.8	5409593.1
L4930.0	504928.8	5409595.7	10250.70020	284.97	39.86	48.839315	-86.932829	56073.68	56248.1	1.90	56075.58	56205.13672	56066.90402	56213.74219	504928.8	5409595.7
L4930.0	504928.8	5409595.7	10250.79981	287.93	38.65	48.839315	-86.932829	56071.32	56248.1	1.90	56073.22	56204.56641	56064.11271	56212.86328	504928.8	5409595.7
L4930.0	504928.8	5409597.6	10250.90039	287.87	44.93	48.839333	-86.932829	56068.67	56248.1	1.90	56070.57	56203.70313	56061.46301	56212.11719	504928.8	5409597.6
L4930.0	504928.8	5409597.6	10251.00000	288.51	44.93	48.839333	-86.932829	56065.56	56248.1	1.90	56067.46	56202.38281	56058.98155	56211.53516	504928.8	5409597.6
L4930.0	504928.8	5409599.1	10251.09961	288.91	34.52	48.839346	-86.932829	56062.67	56248.1	1.90	56064.58	56201.29297	56056.52050	56210.96484	504928.8	5409599.1
L4930.0	504928.8	5409600.7	10251.20020	290.36	34.52	48.839361	-86.932829	56060.27	56248.1	1.91	56062.18	56200.68359	56054.03415	56210.36328	504928.8	5409600.7
L4930.0	504928.8	5409602.4	10251.20020	290.36	41.76	48.839376	-86.932829	56058.06	56248.1	1.91	56059.97	56200.25781	56051.58215	56209.78906	504928.8	5409602.4
L4930.0	504928.9	5409604.1	10251.29981	289.45	41.76	48.839391	-86.932829	56056.18	56248.1	1.92	56058.09	56200.16406	56049.14744	56209.22266	504928.9	5409604.1

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4930.0	504928.9	5409604.1	10251.50000	289.98	39.83	48.839391	-86.932829	56053.21	56248.1	1.93	56055.13	56198.99219	56046.93022	56208.86719	504928.9	5409604.1
L4930.0	504928.9	5409605.5	10251.59961	291.20	45.49	48.839404	-86.932829	56051.79	56248.1	1.93	56053.72	56199.36328	56044.56172	56208.34766	504928.9	5409605.5
L4930.0	504928.9	5409607.4	10251.70020	292.00	45.49	48.839421	-86.932828	56047.92	56248.1	1.93	56049.86	56197.28125	56042.50578	56208.13281	504928.9	5409607.4
L4930.0	504928.9	5409607.4	10251.79981	289.98	45.03	48.839421	-86.932828	56046.54	56248.1	1.94	56048.47	56197.66797	56040.23349	56207.69141	504928.9	5409607.4
L4930.0	504928.9	5409609.1	10251.90039	289.28	45.03	48.839436	-86.932828	56044.71	56248.1	1.94	56046.66	56197.63281	56038.04349	56207.32031	504928.9	5409609.1
L4930.0	504928.9	5409610.8	10252.00000	289.86	43.29	48.839451	-86.932828	56042.99	56248.1	1.95	56044.94	56197.68359	56035.87888	56206.96484	504928.9	5409610.8
L4930.0	504928.9	5409611.9	10252.09961	286.01	43.29	48.839462	-86.932828	56039.42	56248	1.96	56041.38	56195.88672	56033.77971	56206.66406	504928.9	5409611.9
L4930.0	504928.9	5409611.9	10252.20020	286.87	45.77	48.839462	-86.932828	56037.84	56248	1.96	56039.80	56196.07031	56031.62557	56206.29297	504928.9	5409611.9
L4930.0	504928.9	5409613.6	10252.29981	284.92	42	48.839477	-86.932828	56035.43	56248	1.97	56037.40	56195.42578	56029.49072	56205.92969	504928.9	5409613.6
L4930.0	504928.9	5409615.5	10252.40039	286.93	42	48.839494	-86.932828	56033.53	56248	1.97	56035.51	56195.28516	56027.36287	56205.56250	504928.9	5409615.5
L4930.0	504928.9	5409615.5	10252.50000	288.25	30.72	48.839494	-86.932828	56031.61	56248	1.98	56033.59	56195.10938	56025.24363	56205.18750	504928.9	5409615.5
L4930.0	504928.9	5409617.0	10252.59961	288.91	30.72	48.839507	-86.932827	56029.94	56248	1.99	56031.92	56195.17578	56023.13858	56204.81250	504928.9	5409617.0
L4930.0	504929.0	5409618.6	10252.70020	288.88	32.53	48.839522	-86.932827	56027.61	56248	1.99	56029.60	56194.58594	56021.01591	56204.40625	504929.0	5409618.6
L4930.0	504929.0	5409618.6	10252.79981	291.72	43.49	48.839522	-86.932827	56025.74	56248	2.00	56027.74	56194.44922	56018.91119	56204.00391	504929.0	5409618.6
L4930.0	504929.0	5409620.3	10252.90039	290.67	43.49	48.839537	-86.932827	56023.57	56248	2.00	56025.57	56193.99609	56016.79275	56203.57031	504929.0	5409620.3
L4930.0	504929.0	5409622.0	10253.00000	290.79	46.51	48.839552	-86.932827	56021.94	56248	2.01	56023.95	56194.08594	56014.70641	56203.15234	504929.0	5409622.0
L4930.0	504929.0	5409622.0	10253.09961	289.98	46.94	48.839552	-86.932827	56019.06	56248	2.01	56021.07	56192.90625	56012.54002	56202.64063	504929.0	5409622.0
L4930.0	504928.9	5409623.5	10253.20020	291.56	46.94	48.839566	-86.932827	56017.17	56248	2.02	56019.18	56192.70703	56010.43379	56202.17188	504928.9	5409623.5
L4930.0	504928.9	5409625.0	10253.20020	291.56	47.56	48.839579	-86.932827	56015.12	56248	2.02	56017.14	56192.34766	56008.31188	56201.66797	504928.9	5409625.0
L4930.0	504928.9	5409626.6	10253.40039	291.42	47.78	48.839594	-86.932827	56012.77	56248	2.02	56014.79	56191.66797	56006.15344	56201.10938	504928.9	5409626.6
L4930.0	504929.0	5409627.8	10253.50000	293.81	47.78	48.839604	-86.932827	56010.84	56248	2.03	56012.86	56191.40234	56004.02083	56200.56250	504929.0	5409627.8
L4930.0	504929.0	5409627.8	10253.59961	293.02	43.69	48.839604	-86.932827	56008.54	56248	2.03	56010.57	56190.76172	56001.83853	56199.94531	504929.0	5409627.8
L4930.0	504929.0	5409630.0	10253.70020	291.52	43.69	48.839624	-86.932827	56006.89	56248	2.03	56008.93	56190.76172	55999.70588	56199.35938	504929.0	5409630.0
L4930.0	504929.0	5409631.3	10253.79981	292.46	45.88	48.839636	-86.932827	56004.46	56248	2.03	56006.50	56189.96094	55997.46614	56198.64453	504929.0	5409631.3
L4930.0	504929.0	5409633.0	10253.90039	291.55	45.88	48.839651	-86.932827	56001.51	56248	2.04	56003.55	56188.62891	55995.14026	56197.82813	504929.0	5409633.0
L4930.0	504929.0	5409633.0	10254.00000	291.35	47.58	48.839651	-86.932827	55999.76	56248	2.04	56001.80	56188.48438	55992.92379	56197.09766	504929.0	5409633.0
L4930.0	504929.0	5409634.6	10254.09961	290.30	47.61	48.839666	-86.932827	55997.44	56248	2.04	55999.48	56187.75781	55990.61453	56196.25781	504929.0	5409634.6
L4930.0	504929.0	5409634.6	10254.20020	287.85	47.61	48.839666	-86.932827	55995.72	56248	2.04	55997.76	56187.62109	55988.34827	56195.43750	504929.0	5409634.6
L4930.0	504929.0	5409636.5	10254.29981	288.05	47.68	48.839683	-86.932826	55992.70	56248	2.05	55994.75	56186.17578	55985.91041	56194.42578	504929.0	5409636.5
L4930.0	504929.0	5409638.2	10254.40039	290.47	47.54	48.839698	-86.932826	55990.96	56248	2.05	55993.01	56185.99219	55983.59167	56193.50781	504929.0	5409638.2
L4930.0	504929.0	5409639.7	10254.50000	289.15	47.54	48.839711	-86.932826	55988.16	56248	2.05	55990.21	56184.73047	55981.13410	56192.43359	504929.0	5409639.7
L4930.0	504929.0	5409641.1	10254.59961	288.93	47.85	48.839724	-86.932826	55985.70	56247.9	2.05	55987.75	56183.79688	55978.69398	56191.35547	504929.0	5409641.1
L4930.0	504929.0	5409641.1	10254.70020	291.70	47.47	48.839724	-86.932826	55983.42	56247.9	2.05	55985.47	56183.02734	55976.25393	56190.25391	504929.0	5409641.1
L4930.0	504929.0	5409642.8	10254.79981	292.19	47.47	48.839739	-86.932826	55980.41	56247.9	2.06	55982.47	56181.52734	55973.72236	56189.03516	504929.0	5409642.8
L4930.0	504929.0	5409644.5	10254.90039	289.84	47.65	48.839754	-86.932826	55979.05	56247.9	2.06	55981.10	56181.63672	55971.33723	56187.94531	504929.0	5409644.5
L4930.0	504929.0	5409645.9	10255.00000	290.99	47.65	48.839767	-86.932826	55975.18	56247.9	2.06	55977.24	56179.24219	55968.68394	56186.55859	504929.0	5409645.9
L4930.0	504929.0	5409645.9	10255.09961	290.86	47.45	48.839767	-86.932826	55973.51	56247.9	2.06	55975.57	56179.02344	55966.22636	56185.34766	504929.0	5409645.9
L4930.0	504929.0	5409647.6	10255.20020	291.65	47.45	48.839783	-86.932826	55969.66	56247.9	2.07	55971.73	56176.61719	55963.53419	56183.87891	504929.0	5409647.6
L4930.0	504929.0	5409647.6	10255.20020	291.65	47.72	48.839783	-86.932826	55968.38	56247.9	2.07	55970.44	56176.74219	55961.06575	56182.60547	504929.0	5409647.6
L4930.0	504929.0	5409649.3	10255.40039	290.98	47.91	48.839798	-86.932826	55965.06	56247.9	2.07	55967.13	56174.83203	55958.37709	56181.09375	504929.0	5409649.3
L4930.0	504929.0	5409651.2	10255.50000	288.60	47.91	48.839815	-86.932826	55962.28	56247.9	2.07	55964.35	56173.43750	55955.71036	56179.57422	504929.0	5409651.2
L4930.0	504929.0	5409651.2	10255.59961	290.42	47.91	48.839815	-86.932826	55960.18	56247.9	2.08	55962.26	56172.71094	55953.07437	56178.06250	504929.0	5409651.2
L4930.0	504929.0	5409654.1	10255.70020	291.22	46.8	48.839841	-86.932826	55956.86	56247.9	2.08	55958.94	56170.74219	55950.29022	56176.37891	504929.0	5409654.1
L4930.0	504929.0	5409654.1	10255.79981	291.52	47.99	48.839841	-86.932826	55954.38	56247.9	2.08	55956.47	56169.60156	55947.54470	56174.70703	504929.0	5409654.1
L4930.0	504929.0	5409656.0	10255.90039	290.36	47.04	48.839858	-86.932826	55951.40	56247.9	2.09	55953.49	56167.92969	55944.71708	56172.92578	504929.0	5409656.0
L4930.0	504929.0	5409656.0	10256.00000	290.36	47.04	48.839858	-86.932826	55947.96	56247.9	2.09	55950.05	56165.78516	55941.81889	56171.05078	504929.0	5409656.0
L4930.0	504929.0	5409657.9	10256.09961	291.27	47.24	48.839875	-86.932827	55945.13	56247.9	2.09	55947.22	56164.23047	55938.93196	56169.16406	504929.0	5409657.9
L4930.0	504929.0	5409659.6	10256.20020	292.22	47.28	48.839890	-86.932827	55942.29	56247.9	2.09	55944.39	56162.65234	55936.00793	56167.21094	504929.0	5409659.6
L4930.0	504929.0	5409661.0	10256.29981	291.77	47.28	48.839903	-86.932827	55939.41	56247.9	2.10	55941.50	56161.00000	55933.04447	56165.19141	504929.0	5409661.0
L4930.0	504929.0	5409661.0	10256.40039	292.08	47.79	48.839903	-86.932827	55935.74	56247.9	2.10	55937.84	56158.55469	55930.01379	56163.08203	504929.0	5409661.0
L4930.0	504929.0	5409662.5	10256.50000	292.17	47.79	48.839916	-86.932827	55932.73	56247.9	2.10	55934.83	56156.74219	55926.98572	56160.94531	504929.0	5409662.5
L4930.0	504928.9	5409664.1	10256.59961	291.20	48.32	48.839931	-86.932827	55929.90	56247.9	2.10	55932.00	56155.08594	55923.93150	56158.75781	504928.9	5409664.1
L4930.0	504928.9	5409664.1	10256.70020	290.54	48.36	48.839931	-86.932827	55925.80	56247.9	2.10	55927.90	56152.14063	55920.82529	56156.48828	504928.9	5409664.1
L4930.0	504928.9	5409666.1	10256.79981	289.57	48.36	48.839949	-86.932827	55922.76	56247.9	2.11	55924.87	56150.24609	55917.71432	56154.19141	504928.9	5409666.1
L4930.0	504928.9	5409667.3	10256.90039	289.61	48.37	48.839959	-86.932827	55919.91	56247.9	2.11	55922.01	56148.50000	55914.57107	56151.83203	504928.9	5409667.3
L4930.0	504928.9	5409667.3	10257.00000	288.62	48.37	48.839959	-86.932827	55917.28	56247.9	2.11	55919.39	56146.97266	55911.38786	56149.41016	504928.9	5409667.3
L4930.0	504928.9	5409668.9	10257.09961	289.88	48.36	48.839974	-86.932827	55912.63	56247.9	2.11	55914.74	56143.39453	55908.21823	56146.97266	504928.9	5409668.9
L4930.0	504928.9	5409670.4	10257.20020	289.18	48.36	48.839988	-86.932827	55910.04	56247.9	2.11	55912.15	56141.85547	55904.97423	56144.42969	504928.9	5409670.4
L4930.0	504928.9	5409672.1	10257.20020	289.18	48.65	48.840003	-86.932827	55905.36	56247.9	2.11	55907.48	56138.21484	55901.79023	56141.92578	504928.9	5409672.1
L4930.0	504928.9	5409673.5	10257.40039	288.03	48.65	48.840016	-86.932827	55902.13	56247.9	2.12	55904.24	56135.98438	55898.52829	56139.31250	504928.9	5409673.5
L4930.0	504928.9	5409675.2	10257.50000	289.93	48.97	48.840031	-86.932827	55899.04	56247.9	2.12	55901.16	56133.88672	55895.23239	56136.63672	504928.9	5409675.2
L4930.0	504928.9	5409675.2	10257.59961	292.98	48.25	48.840031	-86.932827	55895.22	56247.9	2.12	55897.34	56131.03125	55891.96736	56133.96875	504928.9	5409675.2
L4930.0	504928.9	5409676.4	10257.70020	294.22	48.25	48.840042	-86.932827	55891.86	56247.9	2.12	55893.98	56128.61328	55888.65313	56131.22266	504928.9	5409676.4
L4930.0	504928.9	5409678.1	10257.79981	291.75	44.16	48.840057	-86.932827	55888.52	56247.9	2.13	55890.65	56126.20313	55885.31705	56128.42578	504928.9	5409678.1
L4930.0	504928.9	5409679.5	10257.90039	289.71	44.16	48.840069	-86.932827	55883.89	56247.9	2.13	55886.01	56122.45703	55882.08283	56125.70313	504928.9	5409679.5
L4930.0	504928.9	5409679.5	10258.00000	288.60	45.69	48.840069	-86.932827	55880.83	56247.9	2.13	55882.96	56120.28125	55878.68679	56122.79297	504928.9	5409679.5
L4930.0	504928.9	5409681.7	10258.09961	287.82	45.69	48.840089	-86.932827	55877.26	56247.9	2.13	55879.39	56117.56250	55875.32279	56119.89063	504928.9	5409681.7
L4930.0	504928.9	5409683.3	10258.20020	288.09	47.55	48.840104	-86.932828	55872.96	56247.9	2.14	55875.09	56114.09375	55872.01353	56117.01172	504928.9	5409683.3
L4930.0	504928.9	5409685.0	10258.29981	287.54	47.55	48.840120	-86.932828	55869.90	56247.9	2.14	55872.04	56111.84766	55868.57018	56113.97266	504928.9	5409685.0
L4930.0	504928.9	5409685.0	10258.40039	288.73	44.99	48.840120	-86.932828	55864.46	56247.9	2.14	55866.60	56107.19141	55865.32558	56111.10156	504928.9	5409685.0
L4930.0	504928.8	5409686.7	10258.50000	290.37	44.99	48.840134	-86.932828	55861.30	56247.9	2.15	55863.44	56104.78906	55861.86032	56107.98438	504928.8	5409686.7
L4930.0	504928.8	5409688.2	10258.59961	290.73	46.82	48.840148	-86.932828	55857.33	56247.9	2.15	55859.48	56101.56641	55858.44331	56104.89063	504928.8	5409688.2
L4930.0	504928.8	5409688.2	10258.70020	290.55	46.82	48.840148	-86.932828	55853.96	56247.8	2.15	55856.11	56098.91016	55854.97038	56101.71484	504928.8	5409688.2
L4930.0	504928.8	5409689.9	10258.79981	289.44	45.6	48.840163	-86.932828	55849.99	56247.8	2.15	55852.14	56095.63281	55851.51334	56098.52734	504928.8	5409689.9
L4930.0	504928.8	5409691.6	10258.90039	286.09	45.6	48.840178	-86.932828	55845.77	56247.8	2.16	55847.92	56092.07813	55848.03488	56095.28906	504928.8	5409691.6
L4930.0	504928.8	5409691.6	10259.00000	285.47	42.85	48.840178	-86.932828	55842.18	56247.8	2.16	55844.34	56089.14063	55844.51450	56091.98438	504928.8	5409691.6
L4930.0	504928.8	5409694.7	10259.09961	286.97	42.85	48.840206	-86.932828	55837.68	56247.8	2.16	55839.84	56085.26563	55840.96391	56088.62109	504928.8	5409694.7
L4930.0	504928.8	5409694.7	10259.20020	287.00	44.8	48.840206	-86.932828	55834.54	56247.8	2.16	55836.70	56082.72266	55837.40819	56085.22656	504928.8	5409694.7
L4930.0	504928.8	5409696.4	10259.20020	287.00	44.8	48.840221	-86.932828	55830.36	56247.8	2.16	55832.52	56079.11719	55833.79452	56081.75000	504928.8	5409696.4
L4930.0	504928.8	5409698.0	10259.40039	288.02	47.27	48.840236	-86.932828	55826.90	56247.8	2.16	55829.06	56076.20703	55830.19838	56078.26172	504928.8	5409698.0
L4930.0	504928.8	5409699.5	10259.50000	289.93	47.27	48.840249	-86.932829	55822.21	56247.8	2.16	55824.38	56072.05469	55826.46958	56074.61719	504928.8	5409699.5
L4930.0	504928.8	5409699.5	10259.59961	291.69	47.49	48.840249	-86.932829	55818.05	56247.8	2.16	55820.21	56068.39063	55822.74947	56070.95313	504928.8	5409699.5
L4930.0	504928.8	5409700.9	10259.70020	292.65	47.49	48.840262	-86.932829	55814.00	56247.8	2.16	55816.16	56064.82031	55819.02039	56067.25781	504928.8	5409700.9
L4930.0	504928.8	5409700.9	10259.79981	292.49	38.52	48.840262	-86.932829	55809.97	56247.8	2.16	55812.13	56061.25000	55815.28115	56063.52734	504928.8	5409700.9
L4930.0	504928.7	5409704.2	10259.90039	291.88	38.52	48.840292	-86.932829	55806.06	56247.8	2.16	55808.22	56057.77344	55811.55863	56059.78516	504928.7	5409704.2
L4930.0	504928.7	5409704.2	10260.00000	292.06	48.12	48.840292	-86.932829	55801.02	56247.8	2.16	55803.18	56053.14844	55807.65015	56055.83203	504928.7	5409704.2
L4930.0	504928.7	5409705.6	10260.09961	294.11	48.08	48.840304	-86.932829	55796.95	56247.8	2.16	55799.11	56049.46875	55803.92241	56052.03906	504928.7	5409705.6
L4930.0	504928.7	5409707.1	10260.20020	296.42	48.08	48.840318	-86.932829	55791.82	56247.8	2.17	55793.98	56044.70313	55800.04184	56048.06641	504928.7	5409707.1
L4930.0	504928.7	5409707.1	10260.29981	294.27	48.54	48.840318	-86.932829	55788.53	56247.8	2.17	55790.70	56041.76953	55796.51399	56044.42188	504928.7	5409707.1
L4930.0	504928.7	5409709.2	10260.40039	292.29	48.54	48.840337	-86.932829	55784.07	56247.8	2.17	55786.24	56037.62891	55792.83036	56040.59766	504928.7	5409709.2
L4930.0	504928.7	5409710.6	10260.50000	291.82	37.11	48.840350	-86.932829	55779.72	56247.8	2.18	55781.90	56033.58984	55789.21913	56036.82031	504928.7	5409710.6
L4930.0	504928.7	5409712.0	10260.59961	292.34	37.11	48.840362	-86.932829	55775.53	56247.8	2.18	55777.71	56029.67578	55785.68325	56033.09766	504928.7	5409712.0
L4930.0	504928.7	5409712.0	10260.70020	293.06	49.29	48.840362	-86.932829	55771.40	56247.8	2.18	55773.58	56025.80078	55782.21066	56029.41406	504928.7	5409712.0

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4930.0	504928.7	5409713.7	10260.79981	292.36	49.29	48.840377	-86.932829	55767.02	56247.8	2.18	55769.20	56021.65234	55778.77790	56025.74609	504928.7	5409713.7
L4930.0	504928.7	5409715.0	10260.90039	290.62	49.1	48.840389	-86.932829	55762.45	56247.8	2.19	55764.63	56017.29297	55775.41076	56022.12500	504928.7	5409715.0
L4930.0	504928.7	5409716.5	10261.00000	288.99	49.1	48.840402	-86.932829	55758.56	56247.8	2.19	55760.75	56013.60156	55772.15878	56018.59375	504928.7	5409716.5
L4930.0	504928.7	5409716.5	10261.09961	289.56	46.54	48.840402	-86.932829	55754.07	56247.8	2.19	55756.26	56009.27734	55768.95156	56015.08594	504928.7	5409716.5
L4930.0	504928.7	5409718.1	10261.20020	289.32	46.54	48.840417	-86.932829	55750.34	56247.8	2.19	55752.52	56005.68359	55765.82007	56011.63281	504928.7	5409718.1
L4930.0	504928.7	5409719.5	10261.20020	289.32	45.64	48.840430	-86.932829	55745.78	56247.8	2.19	55747.97	56001.25781	55762.75771	56008.22656	504928.7	5409719.5
L4930.0	504928.7	5409719.5	10261.29981	286.49	49.15	48.840430	-86.932829	55742.06	56247.8	2.19	55744.24	55997.63281	55759.73137	56004.83594	504928.7	5409719.5
L4930.0	504928.7	5409720.9	10261.50000	288.47	49.02	48.840442	-86.932829	55738.02	56247.8	2.18	55740.20	55993.67578	55756.77162	56001.49219	504928.7	5409720.9
L4930.0	504928.8	5409722.0	10261.59961	286.77	49.02	48.840452	-86.932829	55733.50	56247.8	2.18	55735.69	55989.22656	55753.90648	55998.22266	504928.8	5409722.0
L4930.0	504928.8	5409722.0	10261.70020	285.74	48.12	48.840452	-86.932829	55730.05	56247.8	2.18	55732.23	55985.80859	55750.99379	55994.88281	504928.8	5409722.0
L4930.0	504928.8	5409723.9	10261.79981	289.20	48.12	48.840469	-86.932828	55726.52	56247.8	2.18	55728.71	55982.30859	55748.11814	55991.56250	504928.8	5409723.9
L4930.0	504928.8	5409725.4	10261.90039	288.11	48.12	48.840482	-86.932828	55722.73	56247.8	2.18	55724.91	55978.51172	55745.31150	55988.29297	504928.8	5409725.4
L4930.0	504928.8	5409726.8	10262.00000	289.73	48.12	48.840495	-86.932828	55718.84	56247.8	2.18	55721.02	55974.60156	55742.54669	55985.04688	504928.8	5409726.8
L4930.0	504928.8	5409728.0	10262.09961	289.82	48.28	48.840506	-86.932828	55715.52	56247.8	2.18	55717.70	55971.24609	55739.72397	55981.72266	504928.8	5409728.0
L4930.0	504928.8	5409728.0	10262.20020	291.44	48.28	48.840506	-86.932828	55712.70	56247.8	2.19	55714.89	55968.37891	55736.85506	55978.33594	504928.8	5409728.0
L4930.0	504928.8	5409729.8	10262.29981	290.35	48.28	48.840522	-86.932828	55708.87	56247.8	2.19	55711.06	55964.47266	55734.15570	55975.10156	504928.8	5409729.8
L4930.0	504928.8	5409731.2	10262.40039	290.28	48.28	48.840535	-86.932828	55705.41	56247.8	2.20	55707.60	55960.91797	55731.44035	55971.83203	504928.8	5409731.2
L4930.0	504928.8	5409732.9	10262.50000	287.38	48.28	48.840550	-86.932828	55702.22	56247.8	2.20	55704.42	55957.62500	55728.73144	55968.55078	504928.8	5409732.9
L4930.0	504928.8	5409732.9	10262.59961	287.58	48.44	48.840550	-86.932828	55699.96	56247.8	2.20	55702.17	55955.24219	55725.97021	55965.20313	504928.8	5409732.9
L4930.0	504928.8	5409734.5	10262.70020	288.20	48.44	48.840564	-86.932827	55696.93	56247.8	2.21	55699.14	55952.06641	55723.35784	55961.99219	504928.8	5409734.5
L4930.0	504928.8	5409736.0	10262.79981	291.09	48.52	48.840578	-86.932827	55694.50	56247.8	2.21	55696.72	55949.47656	55720.74614	55958.76172	504928.8	5409736.0
L4930.0	504928.8	5409736.0	10262.90039	289.43	48.52	48.840578	-86.932827	55691.59	56247.8	2.22	55693.81	55946.38281	55718.24103	55955.62109	504928.8	5409736.0
L4930.0	504928.8	5409737.4	10263.00000	288.66	48.52	48.840591	-86.932827	55689.52	56247.8	2.22	55691.74	55944.11328	55715.74293	55952.47656	504928.8	5409737.4
L4930.0	504928.8	5409738.9	10263.09961	287.74	48.52	48.840604	-86.932827	55687.13	56247.8	2.22	55689.35	55941.50781	55713.32936	55949.40234	504928.8	5409738.9
L4930.0	504928.8	5409740.0	10263.20020	290.01	48.52	48.840614	-86.932827	55684.97	56247.8	2.22	55687.19	55939.11328	55710.95993	55946.35938	504928.8	5409740.0
L4930.0	504928.8	5409740.0	10263.20020	290.01	48.52	48.840614	-86.932827	55682.97	56247.8	2.22	55685.19	55936.86328	55708.62663	55943.33594	504928.8	5409740.0
L4930.0	504928.8	5409741.6	10263.40039	289.52	48.52	48.840629	-86.932827	55681.09	56247.8	2.22	55683.31	55934.71875	55706.32164	55940.32813	504928.8	5409741.6
L4930.0	504928.8	5409743.1	10263.50000	289.89	48.52	48.840642	-86.932827	55679.23	56247.8	2.22	55681.45	55932.57813	55704.03686	55937.33203	504928.8	5409743.1
L4930.0	504928.8	5409744.4	10263.59961	290.01	48.52	48.840653	-86.932827	55677.78	56247.8	2.22	55680.00	55930.83594	55701.78392	55934.35156	504928.8	5409744.4
L4930.0	504928.8	5409744.4	10263.70020	290.02	48.52	48.840653	-86.932827	55675.94	56247.8	2.22	55678.16	55928.68359	55699.52344	55931.35547	504928.8	5409744.4
L4930.0	504928.8	5409745.8	10263.79981	289.65	48.52	48.840666	-86.932827	55674.70	56247.8	2.22	55676.92	55927.12109	55697.36148	55928.44531	504928.8	5409745.8
L4930.0	504928.9	5409747.0	10263.90039	290.57	48.52	48.840677	-86.932827	55673.52	56247.8	2.22	55675.74	55925.60156	55695.30534	55925.62891	504928.9	5409747.0
L4930.0	504928.9	5409748.3	10264.00000	291.10	48.52	48.840688	-86.932827	55672.09	56247.8	2.22	55674.31	55923.82031	55693.32367	55922.87891	504928.9	5409748.3
L4930.0	504928.9	5409749.5	10264.09961	289.13	48.52	48.840699	-86.932827	55671.84	56247.8	2.22	55674.06	55923.20703	55691.71903	55920.49609	504928.9	5409749.5
L4930.0	504928.9	5409749.5	10264.20020	289.80	49.09	48.840699	-86.932827	55670.88	56247.8	2.22	55673.10	55921.87109	55690.14206	55918.12891	504928.9	5409749.5
L4930.0	504928.9	5409751.1	10264.29981	290.62	49.09	48.840714	-86.932826	55669.42	56247.8	2.21	55671.64	55920.01953	55688.61281	55915.80469	504928.9	5409751.1
L4930.0	504928.9	5409752.5	10264.40039	288.98	49.11	48.840726	-86.932826	55669.46	56247.8	2.21	55671.67	55919.64844	55687.66054	55914.04688	504928.9	5409752.5
L4930.0	504928.9	5409752.5	10264.50000	291.70	49.11	48.840726	-86.932826	55668.20	56247.8	2.21	55670.41	55917.97266	55686.57308	55912.14453	504928.9	5409752.5
L4930.0	504928.9	5409753.7	10264.59961	292.67	48.88	48.840737	-86.932826	55667.90	56247.8	2.21	55670.11	55917.25000	55685.95371	55910.70703	504928.9	5409753.7
L4930.0	504928.9	5409754.9	10264.70020	296.50	48.88	48.840748	-86.932826	55667.91	56247.8	2.21	55670.11	55916.81250	55685.61620	55909.54297	504928.9	5409754.9
L4930.0	504928.9	5409756.0	10264.79981	295.89	48.88	48.840758	-86.932826	55667.12	56247.8	2.20	55669.32	55915.57813	55685.27038	55908.36328	504928.9	5409756.0
L4930.0	504928.9	5409756.0	10264.90039	295.73	48.88	48.840758	-86.932826	55667.27	56247.8	2.20	55669.47	55915.26953	55685.33326	55907.58203	504928.9	5409756.0
L4930.0	504928.9	5409757.5	10265.00000	294.78	48.88	48.840772	-86.932826	55667.08	56247.8	2.20	55669.28	55914.61328	55685.47357	55906.87891	504928.9	5409757.5
L4930.0	504928.9	5409758.9	10265.09961	295.56	48.94	48.840784	-86.932826	55666.30	56247.8	2.20	55668.50	55913.35547	55685.67195	55906.22266	504928.9	5409758.9
L4930.0	504928.9	5409760.0	10265.20020	294.70	48.94	48.840793	-86.932826	55666.56	56247.8	2.20	55668.76	55913.12891	55686.16922	55905.86719	504928.9	5409760.0
L4930.0	504928.9	5409761.0	10265.20020	294.70	48.95	48.840803	-86.932826	55666.47	56247.8	2.20	55668.67	55912.54297	55686.72284	55905.55859	504928.9	5409761.0
L4930.0	504928.9	5409761.0	10265.40039	290.00	48.95	48.840803	-86.932826	55665.87	56247.8	2.20	55668.07	55911.44141	55687.36486	55905.33594	504928.9	5409761.0
L4930.0	504928.9	5409762.3	10265.50000	284.70	48.97	48.840814	-86.932826	55665.79	56247.8	2.19	55667.99	55910.84766	55688.11583	55905.21875	504928.9	5409762.3
L4930.0	504928.9	5409763.5	10265.59961	284.63	48.97	48.840826	-86.932826	55666.20	56247.8	2.19	55668.39	55910.73047	55688.86405	55905.09375	504928.9	5409763.5
L4930.0	504928.9	5409763.5	10265.70020	283.33	48.85	48.840826	-86.932826	55666.09	56247.8	2.19	55668.28	55910.09375	55689.65057	55905.00391	504928.9	5409763.5
L4930.0	504928.9	5409764.6	10265.79981	283.52	48.64	48.840835	-86.932826	55666.10	56247.8	2.19	55668.29	55909.57031	55690.39383	55904.87109	504928.9	5409764.6
L4930.0	504928.9	5409765.7	10265.90039	284.83	48.64	48.840845	-86.932826	55666.32	56247.8	2.19	55668.51	55909.25000	55691.02342	55904.62109	504928.9	5409765.7
L4930.0	504928.9	5409765.7	10266.00000	282.97	48.76	48.840845	-86.932826	55666.05	56247.8	2.19	55668.24	55908.42969	55691.70385	55904.42188	504928.9	5409765.7
L4930.0	504928.9	5409767.0	10266.09961	284.96	48.76	48.840857	-86.932826	55666.11	56247.8	2.19	55668.30	55907.93750	55690.07008	55901.90234	504928.9	5409767.0
L4930.0	504928.9	5409767.9	10266.20020	284.38	48.76	48.840864	-86.932827	55666.65	56247.8	2.19	55668.84	55907.91797	55690.53020	55901.48047	504928.9	5409767.9
L4930.0	504928.9	5409769.0	10266.29981	286.69	48.76	48.840875	-86.932827	55666.95	56247.8	2.19	55669.14	55907.65234	55690.74276	55900.80859	504928.9	5409769.0
L4930.0	504928.9	5409770.0	10266.40039	285.19	48.77	48.840884	-86.932827	55667.42	56247.8	2.19	55669.61	55907.55078	55690.88531	55900.06641	504928.9	5409770.0
L4930.0	504928.9	5409770.0	10266.50000	284.43	48.77	48.840884	-86.932827	55668.02	56247.8	2.19	55670.21	55907.57813	55690.95186	55899.25000	504928.9	5409770.0
L4930.0	504928.9	5409771.0	10266.59961	283.02	48.77	48.840892	-86.932827	55667.82	56247.8	2.19	55670.01	55906.79688	55690.56855	55897.98047	504928.9	5409771.0
L4930.0	504928.9	5409771.0	10266.70020	283.54	48.77	48.840892	-86.932827	55667.98	56247.8	2.19	55670.17	55906.37500	55690.22099	55896.75000	504928.9	5409771.0
L4930.0	504928.9	5409772.9	10266.79981	281.34	48.78	48.840910	-86.932826	55668.18	56247.8	2.19	55670.37	55905.98828	55691.69535	55897.33984	504928.9	5409772.9
L4930.0	504928.9	5409772.9	10266.90039	283.38	48.78	48.840910	-86.932826	55668.78	56247.8	2.19	55670.97	55905.99609	55691.20737	55895.97266	504928.9	5409772.9
L4930.0	504928.9	5409773.7	10267.00000	285.47	48.78	48.840917	-86.932826	55669.57	56247.8	2.19	55671.76	55906.19141	55690.69312	55894.57813	504928.9	5409773.7
L4930.0	504928.9	5409774.5	10267.09961	288.20	48.74	48.840925	-86.932826	55670.06	56247.8	2.19	55672.26	55906.09375	55690.29145	55893.29688	504928.9	5409774.5
L4930.0	504928.9	5409775.4	10267.20020	290.30	48.66	48.840933	-86.932826	55670.63	56247.8	2.19	55672.83	55906.06250	55689.93738	55892.06641	504928.9	5409775.4
L4930.0	504928.9	5409776.3	10267.20020	290.30	48.66	48.840940	-86.932826	55671.21	56247.8	2.19	55673.40	55906.02734	55689.67389	55890.92969	504928.9	5409776.3
L4930.0	504928.9	5409776.3	10267.40039	293.47	48.66	48.840940	-86.932826	55672.36	56247.8	2.20	55674.56	55906.58203	55689.46781	55889.85156	504928.9	5409776.3
L4930.0	504928.9	5409777.1	10267.50000	292.84	48.66	48.840948	-86.932826	55671.54	56247.8	2.20	55673.74	55905.15234	55689.49649	55889.01172	504928.9	5409777.1
L4930.0	504928.9	5409778.0	10267.59961	295.02	48.66	48.840956	-86.932826	55672.74	56247.8	2.20	55674.94	55905.74219	55689.53609	55888.18359	504928.9	5409778.0
L4930.0	504928.9	5409778.0	10267.70020	293.12	48.66	48.840956	-86.932826	55673.01	56247.8	2.20	55675.22	55905.41406	55689.73321	55887.51953	504928.9	5409778.0
L4930.0	504928.9	5409778.9	10267.79981	294.00	48.66	48.840964	-86.932826	55674.82	56247.8	2.21	55677.03	55906.60938	55690.07672	55887.00391	504928.9	5409778.9
L4930.0	504928.9	5409779.7	10267.90039	293.55	48.66	48.840971	-86.932826	55675.13	56247.8	2.21	55677.33	55906.29688	55690.55308	55886.62500	504928.9	5409779.7
L4930.0	504928.9	5409780.4	10268.00000	291.91	48.66	48.840977	-86.932826	55676.95	56247.8	2.21	55679.16	55907.51172	55691.18802	55886.40625	504928.9	5409780.4
L4930.0	504928.9	5409781.3	10268.09961	289.07	48.66	48.840986	-86.932826	55676.63	56247.8	2.21	55678.83	55906.56641	55691.94335	55886.31641	504928.9	5409781.3
L4930.0	504928.9	5409781.9	10268.20020	289.72	48.66	48.840991	-86.932827	55677.25	56247.8	2.21	55679.46	55906.57813	55692.85325	55886.38281	504928.9	5409781.9
L4930.0	504928.8	5409782.7	10268.29981	287.54	48.66	48.840998	-86.932827	55678.86	56247.8	2.20	55681.06	55907.56250	55693.84755	55886.53516	504928.8	5409782.7
L4930.0	504928.8	5409783.5	10268.40039	287.45	48.66	48.841005	-86.932827	55679.73	56247.8	2.20	55681.94	55907.82422	55694.97667	55886.82813	504928.8	5409783.5
L4930.0	504928.8	5409783.5	10268.50000	285.64	48.66	48.841005	-86.932827	55680.24	56247.8	2.20	55682.44	55907.70703	55696.26467	55887.28516	504928.8	5409783.5
L4930.0	504928.8	5409784.2	10268.59961	284.75	48.66	48.841012	-86.932827	55682.64	56247.8	2.20	55684.84	55909.48828	55697.28518	55887.48047	504928.8	5409784.2
L4930.0	504928.8	5409785.0	10268.70020	285.35	48.66	48.841019	-86.932827	55683.04	56247.8	2.20	55685.24	55909.27344	55698.70594	55888.07813	504928.8	5409785.0
L4930.0	504928.8	5409785.0	10268.79981	287.83	48.66	48.841019	-86.932827	55682.70	56247.8	2.19	55684.89	55908.30469	55700.44905	55889.00391	504928.8	5409785.0
L4930.0	504928.8	5409785.8	10268.90039	289.13	48.66	48.841026	-86.932827	55684.62	56247.8	2.19	55686.81	55909.60938	55700.20461	55887.94922	504928.8	5409785.8
L4930.0	504928.8	5409786.6	10269.00000	290.04	48.66	48.841033	-86.932827	55686.43	56247.8	2.19	55688.62	55910.80469	55701.69895	55888.63672	504928.8	5409786.6
L4930.0	504928.8	5409787.2	10269.09961	288.73	48.66	48.841038	-86.932827	55687.91	56247.8	2.19	55690.10	55911.66797	55702.96928	55889.10156	504928.8	5409787.2
L4930.0	504928.8	5409787.2	10269.20020	288.52	48.66	48.841038	-86.932827	55687.63	56247.8	2.20	55689.83	55910.78516	55703.54326	55888.87891	504928.8	5409787.2
L4930.0	504928.8	5409788.0	10269.20020	288.52	48.66	48.841045	-86.932827	55689.39	56247.8	2.20	55691.59	55911.93359	55704.75051	55889.29297	504928.8	5409788.0
L4930.0	504928.8	5409788.4	10269.40039	285.58	48.66	48.841049	-86.932827	55691.80	56247.8	2.20	55694.00	55913.73047	55706.07114	55889.82813	504928.8	5409788.4
L4930.0	504928.8	5409789.0	10269.50000	283.43	48.69	48.841055	-86.932827	55691.27	56247.8	2.21	55693.47	55912.58984	55706.38440	55889.35547	504928.8	5409789.0
L4930.0	504928.8	5409789.6	10269.59961	283.92	48.69	48.841060	-86.932827	55692.69	56247.8	2.21	55694.90	55913.41016	55707.25251	55889.44531	504928.8	5409789.6
L4930.0	504928.8	5409790.1	10269.70020	282.56	48.02	48.841064	-86.932827	55694.70	56247.8	2.21	55696.91	55914.80859	55708.23581	55889.65625	504928.8	5409790.1
L4930.0	504928.8	5409790.1	10269.79981	281.98	48.02	48.841064	-86.932827	55695.84	56247.8	2.21	55698.05	55915.34375	55708.90082	55889.55469	504928.8	5409790.1
L4930.0	504928.8	5409790.6	10269.90039	282.08	44.93	48.841069	-86.932827	55698.13	56247.8	2.22	55700.35	55917.03516	55709.88889	55889.77734	504928.8	5409790.6
L4930.0	504928.8	5409791.1	10270.00000	282.15	44.93	48.841074	-86.932827	55699.09	56247.8	2.22	55701.31	55917.39063	55710.43434	55889.56250	504928.8	5409791.1

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4930.0	504928.8	5409791.7	10270.09961	281.71	45.71	48.841079	-86.932827	55699.45	56247.8	2.22	55701.67	55917.14844	55710.77010	55889.14453	504928.8	5409791.7
L4930.0	504928.8	5409792.2	10270.20020	284.89	45.71	48.841083	-86.932827	55702.02	56247.8	2.22	55704.24	55919.11719	55711.86295	55889.48828	504928.8	5409792.2
L4930.0	504928.8	5409792.2	10270.29981	286.81	48.19	48.841083	-86.932827	55702.42	56247.8	2.22	55704.65	55918.92578	55712.24728	55889.12891	504928.8	5409792.2
L4930.0	504928.8	5409792.7	10270.40039	286.56	48.05	48.841088	-86.932827	55704.35	56247.8	2.22	55706.58	55920.25391	55713.19954	55889.33984	504928.8	5409792.7
L4930.0	504928.8	5409793.1	10270.50000	288.17	48.05	48.841092	-86.932827	55704.87	56247.8	2.23	55707.09	55920.16797	55713.68035	55889.08203	504928.8	5409793.1
L4930.0	504928.8	5409793.6	10270.59961	288.42	48.02	48.841096	-86.932827	55706.98	56247.8	2.23	55709.21	55921.69141	55714.77884	55889.44922	504928.8	5409793.6
L4930.0	504928.8	5409794.0	10270.70020	287.82	48.02	48.841100	-86.932827	55707.76	56247.8	2.23	55709.99	55921.87500	55715.41999	55889.36328	504928.8	5409794.0
L4930.0	504928.8	5409794.0	10270.79981	288.94	47.38	48.841100	-86.932827	55708.72	56247.8	2.23	55710.95	55922.24219	55716.15377	55889.37109	504928.8	5409794.0
L4930.0	504928.8	5409794.5	10270.90039	290.00	45.28	48.841104	-86.932827	55710.51	56247.8	2.23	55712.74	55923.43750	55717.19094	55889.68750	504928.8	5409794.5
L4930.0	504928.8	5409795.0	10271.00000	289.91	44.1	48.841108	-86.932827	55711.82	56247.8	2.23	55714.05	55924.15625	55718.06025	55889.83984	504928.8	5409795.0
L4930.0	504928.8	5409795.5	10271.09961	290.75	44.1	48.841113	-86.932827	55712.28	56247.8	2.23	55714.51	55924.02734	55718.66084	55889.72656	504928.8	5409795.5
L4930.0	504928.8	5409795.5	10271.20020	291.02	43.42	48.841113	-86.932827	55714.08	56247.8	2.23	55716.31	55925.23828	55719.65031	55890.00781	504928.8	5409795.5
L4930.0	504928.8	5409795.9	10271.20020	291.02	43.42	48.841117	-86.932827	55714.82	56247.8	2.23	55717.05	55925.39063	55720.30908	55889.95703	504928.8	5409795.9
L4930.0	504928.8	5409796.2	10271.29981	290.05	41.99	48.841119	-86.932826	55716.14	56247.8	2.23	55718.37	55926.12109	55721.07827	55890.02344	504928.8	5409796.2
L4930.0	504928.8	5409796.2	10271.50000	286.56	40.22	48.841119	-86.932826	55717.29	56247.8	2.23	55719.52	55926.68750	55721.75496	55889.99609	504928.8	5409796.2
L4930.0	504928.9	5409796.5	10271.59961	281.94	40.22	48.841122	-86.932826	55718.96	56247.8	2.23	55721.20	55927.78125	55722.46161	55890.00391	504928.9	5409796.5
L4930.0	504928.9	5409796.8	10271.70020	283.32	42.2	48.841125	-86.932826	55719.11	56247.8	2.23	55721.34	55927.33984	55722.87693	55889.72266	504928.9	5409796.8
L4930.0	504928.9	5409797.1	10271.79981	276.97	42.2	48.841128	-86.932826	55720.33	56247.8	2.23	55722.56	55927.97656	55723.39831	55889.55078	504928.9	5409797.1
L4930.0	504928.9	5409797.4	10271.90039	276.79	43.83	48.841130	-86.932826	55720.74	56247.8	2.23	55722.97	55927.80469	55723.79537	55889.25391	504928.9	5409797.4
L4930.0	504928.9	5409797.4	10272.00000	272.83	43.83	48.841130	-86.932826	55722.13	56247.8	2.23	55724.36	55928.61328	55724.21326	55888.98438	504928.9	5409797.4
L4930.0	504928.9	5409797.7	10272.09961	273.85	46.22	48.841133	-86.932826	55723.21	56247.8	2.23	55725.45	55929.12109	55724.55228	55888.63281	504928.9	5409797.7
L4930.0	504928.9	5409797.9	10272.20020	272.89	46.22	48.841135	-86.932826	55723.96	56247.8	2.24	55726.20	55929.28906	55724.83708	55888.23047	504928.9	5409797.9
L4930.0	504928.9	5409798.2	10272.29981	273.38	45.98	48.841137	-86.932826	55725.16	56247.8	2.24	55727.40	55929.91016	55725.07070	55887.77734	504928.9	5409798.2
L4930.0	504928.9	5409798.2	10272.40039	271.46	45.98	48.841137	-86.932826	55726.13	56247.8	2.24	55728.37	55930.30078	55725.25575	55887.27344	504928.9	5409798.2
L4930.0	504928.9	5409798.4	10272.50000	274.45	45.98	48.841139	-86.932826	55726.46	56247.8	2.25	55728.70	55930.05078	55725.43140	55886.76563	504928.9	5409798.4
L4930.0	504928.9	5409798.6	10272.59961	274.33	45.98	48.841141	-86.932826	55727.36	56247.8	2.25	55729.61	55930.38281	55725.52746	55886.17578	504928.9	5409798.6
L4930.0	504928.9	5409798.7	10272.70020	278.11	45.79	48.841142	-86.932826	55727.80	56247.7	2.25	55730.05	55930.24219	55725.61944	55885.58594	504928.9	5409798.7
L4970.0	504970.5	5411483.9	41262.89844	429.74	0	48.856301	-86.932238	56696.07	56230.2	19.77	56715.84	56724.80859	56655.62987	56694.71094	504970.5	5411483.9
L4970.0	504970.6	5411483.7	41263.00000	428.53	0	48.856300	-86.932237	56695.83	56230.2	19.77	56715.60	56724.49219	56654.24371	56692.42969	504970.6	5411483.7
L4970.0	504970.6	5411483.6	41263.19922	428.10	0	48.856299	-86.932237	56695.89	56230.2	19.76	56715.65	56724.46875	56659.41642	56696.70313	504970.6	5411483.6
L4970.0	504970.6	5411483.6	41263.30078	428.03	0	48.856299	-86.932237	56696.11	56230.3	19.75	56715.86	56724.60547	56668.14323	56704.53516	504970.6	5411483.6
L4970.0	504970.7	5411483.5	41263.39844	429.18	0	48.856297	-86.932236	56695.96	56230.3	19.74	56715.71	56724.37891	56668.40613	56703.89844	504970.7	5411483.5
L4970.0	504970.8	5411483.3	41263.50000	430.66	0	48.856296	-86.932235	56696.06	56230.3	19.73	56715.79	56724.38281	56673.84082	56708.44141	504970.8	5411483.3
L4970.0	504970.8	5411483.3	41263.60156	430.66	0	48.856296	-86.932235	56695.71	56230.3	19.73	56715.44	56723.95703	56669.19409	56702.90234	504970.8	5411483.3
L4970.0	504970.8	5411483.0	41263.69922	429.38	0	48.856294	-86.932234	56695.69	56230.3	19.72	56715.41	56723.85547	56671.79981	56704.61719	504970.8	5411483.0
L4970.0	504970.8	5411482.9	41263.80078	429.38	0	48.856292	-86.932234	56695.19	56230.3	19.71	56714.90	56723.26953	56663.16955	56695.09766	504970.8	5411482.9
L4970.0	504970.8	5411482.9	41263.89844	429.40	0	48.856292	-86.932234	56695.18	56230.3	19.71	56714.88	56723.17188	56665.72205	56696.76172	504970.8	5411482.9
L4970.0	504970.9	5411482.7	41264.00000	429.28	0	48.856291	-86.932233	56694.58	56230.3	19.70	56714.28	56722.49609	56654.72922	56684.88672	504970.9	5411482.7
L4970.0	504970.9	5411482.5	41264.10156	429.28	0	48.856289	-86.932233	56694.28	56230.3	19.69	56713.97	56722.11328	56650.29901	56679.57813	504970.9	5411482.5
L4970.0	504970.9	5411482.3	41264.19922	429.12	0	48.856287	-86.932233	56694.41	56230.3	19.69	56714.10	56722.16797	56655.89947	56684.30078	504970.9	5411482.3
L4970.0	504970.9	5411482.1	41264.30078	427.54	0	48.856285	-86.932232	56694.43	56230.3	19.68	56714.11	56722.10156	56658.58982	56686.11719	504970.9	5411482.1
L4970.0	504970.9	5411482.1	41264.39844	426.13	0	48.856285	-86.932232	56694.41	56230.3	19.68	56714.09	56722.00391	56660.45178	56687.10938	504970.9	5411482.1
L4970.0	504971.0	5411481.8	41264.50000	425.87	0	48.856283	-86.932232	56694.06	56230.3	19.68	56713.73	56721.57031	56654.32276	56680.11719	504971.0	5411481.8
L4970.0	504971.0	5411481.6	41264.60156	426.93	0	48.856280	-86.932232	56694.20	56230.3	19.67	56713.87	56721.63281	56659.61828	56684.55078	504971.0	5411481.6
L4970.0	504971.0	5411481.6	41264.69922	429.92	0	48.856280	-86.932232	56694.15	56230.3	19.67	56713.81	56721.49609	56660.16270	56684.24219	504971.0	5411481.6
L4970.0	504971.0	5411481.2	41264.80078	432.66	0	48.856277	-86.932232	56693.97	56230.3	19.66	56713.63	56721.24219	56657.80734	56681.03516	504971.0	5411481.2
L4970.0	504971.0	5411480.9	41264.89844	432.18	0	48.856274	-86.932232	56693.69	56230.3	19.65	56713.34	56720.87500	56652.78590	56675.17188	504971.0	5411480.9
L4970.0	504971.0	5411480.9	41264.89844	433.46	0	48.856274	-86.932232	56693.94	56230.3	19.65	56713.60	56721.05859	56660.35455	56681.90234	504971.0	5411480.9
L4970.0	504971.0	5411480.6	41265.00000	432.50	0	48.856271	-86.932232	56694.11	56230.3	19.65	56713.76	56721.14063	56665.49387	56686.21094	504971.0	5411480.6
L4970.0	504970.9	5411480.2	41265.19922	428.91	0	48.856268	-86.932232	56694.05	56230.4	19.64	56713.69	56720.99609	56665.20246	56685.09375	504970.9	5411480.2
L4970.0	504970.9	5411479.8	41265.30078	428.91	0	48.856264	-86.932233	56694.00	56230.4	19.64	56713.63	56720.85938	56665.03022	56684.10156	504970.9	5411479.8
L4970.0	504970.9	5411479.8	41265.39844	427.44	0	48.856264	-86.932233	56694.05	56230.4	19.63	56713.68	56720.83203	56667.29162	56685.55078	504970.9	5411479.8
L4970.0	504970.8	5411479.4	41265.50000	432.41	0	48.856261	-86.932234	56694.31	56230.4	19.63	56713.93	56721.00391	56674.07016	56691.52344	504970.8	5411479.4
L4970.0	504970.7	5411479.0	41265.60156	431.45	0	48.856257	-86.932235	56694.20	56230.4	19.63	56713.83	56720.82813	56672.65825	56689.31641	504970.7	5411479.0
L4970.0	504970.7	5411479.0	41265.69922	429.93	0	48.856257	-86.932235	56694.31	56230.4	19.62	56713.93	56720.85156	56675.77080	56691.64063	504970.7	5411479.0
L4970.0	504970.6	5411478.6	41265.80078	432.06	0	48.856254	-86.932236	56694.06	56230.4	19.62	56713.68	56720.52344	56670.70048	56685.78906	504970.6	5411478.6
L4970.0	504970.6	5411478.3	41265.89844	432.06	0	48.856251	-86.932237	56694.66	56230.4	19.61	56714.28	56721.04297	56685.18475	56699.50000	504970.6	5411478.3
L4970.0	504970.6	5411478.3	41266.00000	432.12	0	48.856251	-86.932237	56694.66	56230.4	19.61	56714.27	56720.95703	56685.48520	56699.03906	504970.6	5411478.3
L4970.0	504970.4	5411477.6	41266.10156	430.98	0	48.856244	-86.932239	56694.97	56230.4	19.60	56714.57	56721.17969	56692.86833	56705.66406	504970.4	5411477.6
L4970.0	504970.3	5411477.1	41266.19922	430.45	0	48.856240	-86.932241	56694.78	56230.4	19.60	56714.38	56720.91016	56688.84936	56700.90234	504970.3	5411477.1
L4970.0	504970.3	5411477.1	41266.30078	431.21	0	48.856240	-86.932241	56695.02	56230.4	19.59	56714.61	56721.06250	56694.46381	56705.77734	504970.3	5411477.1
L4970.0	504970.2	5411476.6	41266.39844	431.85	0	48.856236	-86.932242	56695.74	56230.4	19.59	56715.32	56721.69141	56711.10272	56721.68750	504970.2	5411476.6
L4970.0	504970.1	5411475.9	41266.50000	431.02	0	48.856229	-86.932244	56696.65	56230.4	19.58	56716.23	56722.52344	56732.29933	56742.16797	504970.1	5411475.9
L4970.0	504969.9	5411475.2	41266.60156	430.61	0	48.856223	-86.932246	56697.32	56230.4	19.57	56716.89	56723.10547	56747.65801	56756.82031	504969.9	5411475.2
L4970.0	504969.9	5411475.2	41266.69922	432.31	0	48.856223	-86.932246	56697.24	56230.4	19.57	56716.81	56722.94531	56745.85872	56754.32422	504969.9	5411475.2
L4970.0	504969.8	5411474.6	41266.80078	429.08	0	48.856218	-86.932248	56697.21	56230.4	19.56	56716.78	56722.83594	56745.16386	56752.94141	504969.8	5411474.6
L4970.0	504969.8	5411474.6	41266.89844	429.08	0	48.856218	-86.932248	56697.01	56230.4	19.56	56716.56	56722.53516	56740.03123	56747.13281	504969.8	5411474.6
L4970.0	504969.7	5411473.9	41266.89844	428.00	0	48.856212	-86.932249	56696.84	56230.4	19.56	56716.40	56722.29688	56736.24314	56742.67969	504969.7	5411473.9
L4970.0	504969.7	5411473.1	41267.00000	425.35	0	48.856204	-86.932250	56696.78	56230.4	19.55	56716.33	56722.14844	56734.49745	56740.28125	504969.7	5411473.1
L4970.0	504969.7	5411473.1	41267.19922	424.10	0	48.856204	-86.932250	56696.73	56230.5	19.54	56716.26	56721.99609	56732.71860	56737.85938	504969.7	5411473.1
L4970.0	504969.6	5411472.4	41267.30078	424.73	0	48.856198	-86.932250	56696.83	56230.5	19.53	56716.36	56722.01563	56734.83996	56739.34766	504969.6	5411472.4
L4970.0	504969.6	5411471.9	41267.39844	424.61	0	48.856194	-86.932251	56696.25	56230.5	19.52	56715.77	56721.34766	56720.99022	56724.87500	504969.6	5411471.9
L4970.0	504969.6	5411471.9	41267.50000	423.99	0	48.856194	-86.932251	56696.29	56230.5	19.52	56715.80	56721.29688	56721.44950	56724.72656	504969.6	5411471.9
L4970.0	504969.6	5411471.4	41267.60156	422.64	0	48.856189	-86.932251	56696.28	56230.5	19.51	56715.79	56721.20703	56720.96862	56723.65234	504969.6	5411471.4
L4970.0	504969.6	5411470.7	41267.69922	424.59	0	48.856182	-86.932251	56696.73	56230.5	19.50	56716.23	56721.56641	56730.87630	56732.97266	504969.6	5411470.7
L4970.0	504969.6	5411470.3	41267.80078	424.43	0	48.856179	-86.932251	56696.65	56230.5	19.49	56716.14	56721.39453	56728.52761	56730.05078	504969.6	5411470.3
L4970.0	504969.6	5411469.6	41267.89844	424.43	0	48.856173	-86.932251	56696.93	56230.5	19.49	56716.42	56721.59375	56734.72668	56735.69141	504969.6	5411469.6
L4970.0	504969.6	5411469.6	41268.00000	425.70	0	48.856173	-86.932251	56696.60	56230.5	19.48	56716.08	56721.17188	56726.59725	56727.01172	504969.6	5411469.6
L4970.0	504969.6	5411469.0	41268.10156	425.65	0	48.856167	-86.932250	56696.76	56230.5	19.48	56716.24	56721.25000	56730.02770	56729.91016	504969.6	5411469.0
L4970.0	504969.7	5411468.3	41268.19922	425.70	0	48.856161	-86.932250	56696.65	56230.5	19.47	56716.12	56721.05078	56726.99488	56726.35156	504969.7	5411468.3
L4970.0	504969.7	5411467.5	41268.30078	427.71	0	48.856154	-86.932249	56696.55	56230.5	19.47	56716.01	56720.85938	56724.20452	56723.05078	504969.7	5411467.5
L4970.0	504969.7	5411467.5	41268.39844	427.44	0	48.856154	-86.932249	56696.75	56230.5	19.46	56716.21	56720.97656	56728.59334	56726.94141	504969.7	5411467.5
L4970.0	504969.8	5411466.7	41268.50000	427.91	0	48.856147	-86.932248	56696.46	56230.5	19.46	56715.91	56720.59375	56721.44436	56719.30859	504969.8	5411466.7
L4970.0	504969.8	5411466.0	41268.60156	428.69	0	48.856140	-86.932248	56696.11	56230.5	19.45	56715.56	56720.16406	56713.16063	56710.55469	504969.8	5411466.0
L4970.0	504969.8	5411466.0	41268.69922	426.98	0	48.856140	-86.932248	56695.74	56230.6	19.44	56715.18	56719.69922	56704.20716	56701.14063	504969.8	5411466.0
L4970.0	504969.9	5411465.3	41268.80078	428.20	0	48.856134	-86.932247	56695.98	56230.6	19.44	56715.42	56719.85938	56709.60885	56706.09375	504969.9	5411465.3
L4970.0	504970.0	5411464.4	41268.89844	428.20	0	48.856126	-86.932246	56696.13	56230.6	19.43	56715.56	56719.91797	56712.72799	56708.78125	504970.0	5411464.4
L4970.0	504970.0	5411463.5	41268.89844	428.62	0	48.856118	-86.932245	56696.01	56230.6	19.43	56715.44	56719.71484	56709.86891	56705.50000	504970.0	5411463.5
L4970.0	504970.0	5411463.5	41269.00000	429.86	0	48.856118	-86.932245	56695.94	56230.6	19.43	56715.37	56719.56250	56708.19805	56703.42188	504970.0	5411463.5
L4970.0	504970.1	5411462.8	41269.19922	432.63	0	48.856112	-86.932244	56696.16	56230.6	19.41	56715.58	56719.69141	56713.03268	56707.86328	504970.1	5411462.8
L4970.0	504970.1	5411461.9	41269.30078	430.41	0	48.856103	-86.932243	56696.61	56230.6	19.41	56716.02	56720.04688	56723.21870	56717.66797	504970.1	5411461.9
L4970.0	504970.1	5411461.9	41269.39844	431.89	0	48.856103	-86.932243	56696.21	56230.6	19.40	56715.61	56719.55469	56713.79713	56707.87500	504970.1	5411461.9
L4970.0	504970.2	5411460.9	41269.39844	431.89	0	48.856094	-86.932243	56695.89	56230.6	19.40	56715.29	56719.15234	56706.49349	56700.21875	504970.2	5411460.9

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4970.0	504970.3	5411459.8	41269.60156	427.00	0	48.856085	-86.932242	56695.65	56230.6	19.38	56715.03	56718.80859	56700.61510	56693.99609	504970.3	5411459.8
L4970.0	504970.3	5411459.8	41269.69922	427.00	0	48.856085	-86.932242	56695.71	56230.6	19.37	56715.09	56718.78906	56702.17130	56695.22266	504970.3	5411459.8
L4970.0	504970.3	5411458.8	41269.80078	427.21	0	48.856076	-86.932241	56695.86	56230.6	19.37	56715.22	56718.83594	56705.38436	56698.11719	504970.3	5411458.8
L4970.0	504970.4	5411457.6	41269.89844	427.21	0	48.856064	-86.932240	56696.20	56230.6	19.36	56715.56	56719.09375	56713.48968	56705.91797	504970.4	5411457.6
L4970.0	504970.4	5411457.6	41269.89844	426.45	0	48.856064	-86.932240	56696.19	56230.6	19.36	56715.55	56719.00000	56713.54448	56705.68359	504970.4	5411457.6
L4970.0	504970.4	5411456.3	41270.00000	427.68	0	48.856053	-86.932240	56695.69	56230.7	19.35	56715.04	56718.40625	56702.08131	56693.94141	504970.4	5411456.3
L4970.0	504970.4	5411455.4	41270.19922	426.98	0	48.856045	-86.932239	56695.19	56230.7	19.35	56714.53	56717.81250	56690.65471	56682.24609	504970.4	5411455.4
L4970.0	504970.5	5411454.5	41270.30078	426.98	0	48.856037	-86.932239	56694.99	56230.7	19.34	56714.34	56717.54297	56686.65891	56677.99609	504970.5	5411454.5
L4970.0	504970.5	5411454.5	41270.39844	426.94	0	48.856037	-86.932239	56695.20	56230.7	19.34	56714.54	56717.66016	56691.71001	56682.80469	504970.5	5411454.5
L4970.0	504970.5	5411453.6	41270.50000	426.05	0	48.856029	-86.932239	56695.20	56230.7	19.34	56714.54	56717.57422	56692.17037	56683.03516	504970.5	5411453.6
L4970.0	504970.5	5411452.4	41270.60156	426.35	0	48.856018	-86.932238	56695.54	56230.7	19.34	56714.87	56717.82422	56700.28664	56690.93359	504970.5	5411452.4
L4970.0	504970.5	5411452.4	41270.69922	424.01	0	48.856018	-86.932238	56695.55	56230.7	19.34	56714.88	56717.75000	56701.03387	56691.47266	504970.5	5411452.4
L4970.0	504970.5	5411451.6	41270.80078	425.79	0	48.856011	-86.932238	56695.64	56230.7	19.33	56714.98	56717.76563	56703.88472	56694.12891	504970.5	5411451.6
L4970.0	504970.6	5411450.6	41270.89844	425.79	0	48.856002	-86.932238	56695.86	56230.7	19.33	56715.19	56717.89453	56709.29817	56699.35547	504970.6	5411450.6
L4970.0	504970.6	5411449.4	41270.89844	425.28	0	48.855991	-86.932237	56695.92	56230.7	19.33	56715.25	56717.87109	56711.26170	56701.14844	504970.6	5411449.4
L4970.0	504970.6	5411448.4	41271.00000	424.50	0	48.855982	-86.932237	56695.82	56230.7	19.33	56715.15	56717.68750	56709.54031	56699.26563	504970.6	5411448.4
L4970.0	504970.6	5411448.4	41271.19922	425.37	0	48.855982	-86.932237	56695.83	56230.7	19.32	56715.15	56717.60547	56710.13872	56699.71484	504970.6	5411448.4
L4970.0	504970.7	5411447.1	41271.30078	425.93	0	48.855971	-86.932236	56696.05	56230.7	19.32	56715.36	56717.73047	56715.59465	56705.02734	504970.7	5411447.1
L4970.0	504970.7	5411446.1	41271.39844	425.08	0	48.855961	-86.932236	56695.65	56230.7	19.31	56714.96	56717.25000	56706.95204	56696.25391	504970.7	5411446.1
L4970.0	504970.7	5411445.4	41271.50000	425.69	0	48.855955	-86.932236	56695.79	56230.7	19.31	56715.09	56717.29688	56710.55260	56699.73438	504970.7	5411445.4
L4970.0	504970.7	5411445.4	41271.60156	426.98	0	48.855955	-86.932236	56695.49	56230.7	19.30	56714.79	56716.91406	56704.20408	56693.27734	504970.7	5411445.4
L4970.0	504970.7	5411444.4	41271.69922	426.13	0	48.855946	-86.932236	56695.79	56230.7	19.29	56715.08	56717.12109	56711.47425	56700.44922	504970.7	5411444.4
L4970.0	504970.8	5411443.2	41271.80078	427.26	0	48.855936	-86.932235	56695.87	56230.7	19.29	56715.16	56717.11719	56713.86808	56702.75000	504970.8	5411443.2
L4970.0	504970.8	5411442.1	41271.89844	427.26	0	48.855925	-86.932235	56696.44	56230.7	19.28	56715.73	56717.60156	56727.55715	56716.35547	504970.8	5411442.1
L4970.0	504970.8	5411442.1	41272.00000	428.71	0	48.855925	-86.932235	56696.34	56230.7	19.28	56715.62	56717.41016	56725.49471	56714.22266	504970.8	5411442.1
L4970.0	504970.8	5411440.9	41272.10156	429.75	0	48.855914	-86.932234	56696.25	56230.7	19.28	56715.53	56717.23828	56723.85180	56712.51563	504970.8	5411440.9
L4970.0	504970.8	5411440.9	41272.19922	429.30	0	48.855914	-86.932234	56696.01	56230.7	19.27	56715.28	56716.90234	56718.46127	56707.07031	504970.8	5411440.9
L4970.0	504970.8	5411439.9	41272.30078	428.23	0	48.855905	-86.932234	56695.69	56230.7	19.27	56714.96	56716.50000	56711.39578	56699.95703	504970.8	5411439.9
L4970.0	504970.9	5411438.7	41272.39844	428.06	0	48.855895	-86.932234	56695.57	56230.7	19.26	56714.84	56716.29688	56708.88777	56697.40625	504970.9	5411438.7
L4970.0	504970.9	5411437.7	41272.50000	426.48	0	48.855885	-86.932234	56695.69	56230.7	19.26	56714.95	56716.32422	56711.62272	56700.10938	504970.9	5411437.7
L4970.0	504970.9	5411437.7	41272.60156	425.34	0	48.855885	-86.932234	56695.87	56230.7	19.26	56715.12	56716.41016	56715.66366	56704.12500	504970.9	5411437.7
L4970.0	504970.9	5411436.5	41272.69922	424.15	0	48.855875	-86.932234	56695.32	56230.7	19.25	56714.57	56715.77734	56702.97552	56691.42188	504970.9	5411436.5
L4970.0	504970.9	5411436.5	41272.80078	425.60	0	48.855875	-86.932234	56695.13	56230.8	19.25	56714.37	56715.49219	56698.27888	56686.71094	504970.9	5411436.5
L4970.0	504970.9	5411435.0	41272.89844	425.60	0	48.855861	-86.932233	56695.07	56230.8	19.24	56714.32	56715.35938	56696.94279	56685.37109	504970.9	5411435.0
L4970.0	504970.9	5411434.0	41272.89844	426.08	0	48.855853	-86.932233	56695.38	56230.8	19.24	56714.62	56715.57422	56703.58067	56692.00781	504970.9	5411434.0
L4970.0	504970.9	5411432.9	41273.00000	425.91	0	48.855843	-86.932233	56695.37	56230.8	19.24	56714.61	56715.48047	56702.93007	56691.36719	504970.9	5411432.9
L4970.0	504970.9	5411432.0	41273.19922	426.08	0	48.855835	-86.932233	56695.61	56230.8	19.23	56714.84	56715.62500	56707.69300	56696.14063	504970.9	5411432.0
L4970.0	504970.9	5411432.0	41273.30078	425.85	0	48.855835	-86.932233	56695.64	56230.8	19.23	56714.87	56715.57031	56707.69121	56696.15625	504970.9	5411432.0
L4970.0	504970.9	5411430.8	41273.39844	425.84	0	48.855824	-86.932233	56695.75	56230.8	19.22	56714.98	56715.59766	56709.38642	56697.87109	504970.9	5411430.8
L4970.0	504970.9	5411429.5	41273.50000	425.67	0	48.855812	-86.932233	56695.38	56230.8	19.22	56714.60	56715.13281	56699.59565	56688.10547	504970.9	5411429.5
L4970.0	504970.9	5411429.5	41273.60156	425.82	0	48.855812	-86.932233	56695.25	56230.8	19.22	56714.47	56714.91797	56695.41161	56683.95313	504970.9	5411429.5
L4970.0	504970.9	5411428.3	41273.69922	427.48	0	48.855801	-86.932233	56695.52	56230.8	19.21	56714.73	56715.09375	56700.06015	56688.63672	504970.9	5411428.3
L4970.0	504970.9	5411427.4	41273.80078	428.12	0	48.855793	-86.932233	56695.20	56230.8	19.21	56714.41	56714.68750	56691.11357	56679.72656	504970.9	5411427.4
L4970.0	504970.9	5411426.1	41273.89844	428.12	0	48.855781	-86.932233	56695.46	56230.8	19.20	56714.66	56714.85156	56695.13998	56683.79297	504970.9	5411426.1
L4970.0	504970.9	5411426.1	41274.00000	425.76	0	48.855781	-86.932233	56695.08	56230.8	19.20	56714.28	56714.38672	56684.39599	56673.09375	504970.9	5411426.1
L4970.0	504970.9	5411424.6	41274.10156	426.41	0	48.855768	-86.932233	56695.43	56230.8	19.19	56714.62	56714.64063	56690.07194	56678.82031	504970.9	5411424.6
L4970.0	504970.9	5411423.3	41274.19922	425.64	0	48.855756	-86.932233	56695.28	56230.8	19.19	56714.46	56714.39453	56683.96219	56672.75781	504970.9	5411423.3
L4970.0	504970.9	5411422.4	41274.30078	424.89	0	48.855748	-86.932233	56695.71	56230.8	19.18	56714.90	56714.74609	56691.47926	56680.32422	504970.9	5411422.4
L4970.0	504970.9	5411422.4	41274.39844	422.65	0	48.855748	-86.932233	56695.68	56230.8	19.18	56714.85	56714.60938	56687.42204	56676.32031	504970.9	5411422.4
L4970.0	504970.9	5411420.6	41274.50000	422.75	0	48.855732	-86.932234	56695.64	56230.8	19.17	56714.81	56714.48438	56683.33637	56672.28906	504970.9	5411420.6
L4970.0	504970.9	5411420.6	41274.60156	426.93	0	48.855732	-86.932234	56695.73	56230.8	19.16	56714.89	56714.47656	56681.75478	56670.76172	504970.9	5411420.6
L4970.0	504970.9	5411419.5	41274.69922	426.85	0	48.855722	-86.932234	56695.71	56230.8	19.16	56714.87	56714.37109	56677.58315	56666.64844	504970.9	5411419.5
L4970.0	504970.9	5411418.6	41274.80078	428.24	0	48.855714	-86.932234	56696.29	56230.8	19.15	56715.44	56714.85156	56686.75870	56675.87891	504970.9	5411418.6
L4970.0	504970.9	5411417.7	41274.89844	428.24	0	48.855706	-86.932234	56696.02	56230.9	19.15	56715.17	56714.49609	56676.22292	56665.39844	504970.9	5411417.7
L4970.0	504970.9	5411416.8	41274.89844	428.00	0	48.855697	-86.932234	56696.06	56230.9	19.15	56715.21	56714.44531	56672.54448	56661.77734	504970.9	5411416.8
L4970.0	504970.9	5411416.8	41275.00000	427.58	0	48.855697	-86.932234	56696.25	56230.9	19.14	56715.39	56714.53906	56671.78532	56661.07422	504970.9	5411416.8
L4970.0	504970.9	5411415.7	41275.19922	424.60	0	48.855687	-86.932234	56696.39	56230.9	19.13	56715.53	56714.58984	56669.77645	56659.12109	504970.9	5411415.7
L4970.0	504970.9	5411414.1	41275.30078	425.64	0	48.855673	-86.932234	56696.10	56230.9	19.13	56715.23	56714.19922	56657.26459	56646.66406	504970.9	5411414.1
L4970.0	504970.9	5411414.1	41275.39844	425.87	0	48.855673	-86.932234	56696.32	56230.9	19.12	56715.44	56714.32031	56656.19685	56645.64844	504970.9	5411414.1
L4970.0	504970.8	5411412.9	41275.50000	426.57	0	48.855663	-86.932234	56696.68	56230.9	19.12	56715.80	56714.58984	56658.24483	56647.75000	504970.8	5411412.9
L4970.0	504970.8	5411411.8	41275.60156	426.04	0	48.855652	-86.932235	56696.79	56230.9	19.12	56715.90	56714.60156	56653.92478	56643.48047	504970.8	5411411.8
L4970.0	504970.8	5411411.8	41275.69922	425.40	0	48.855652	-86.932235	56697.06	56230.9	19.11	56716.17	56714.77734	56653.16666	56642.76953	504970.8	5411411.8
L4970.0	504970.8	5411410.3	41275.80078	426.05	0	48.855640	-86.932235	56697.16	56230.9	19.11	56716.27	56714.78906	56648.10504	56637.75391	504970.8	5411410.3
L4970.0	504970.8	5411409.2	41275.89844	426.05	0	48.855630	-86.932235	56697.29	56230.9	19.10	56716.39	56714.81641	56643.12372	56632.81641	504970.8	5411409.2
L4970.0	504970.8	5411408.1	41276.00000	427.33	0	48.855619	-86.932235	56697.04	56230.9	19.10	56716.14	56714.47656	56629.20228	56618.93750	504970.8	5411408.1
L4970.0	504970.8	5411408.1	41276.10156	427.37	0	48.855619	-86.932235	56698.04	56230.9	19.09	56717.13	56715.37109	56643.54313	56633.31641	504970.8	5411408.1
L4970.0	504970.8	5411406.7	41276.19922	425.62	0	48.855607	-86.932235	56698.56	56230.9	19.09	56717.65	56715.80078	56646.61962	56636.42969	504970.8	5411406.7
L4970.0	504970.8	5411405.4	41276.30078	424.33	0	48.855595	-86.932236	56699.16	56230.9	19.08	56718.24	56716.29688	56650.90576	56640.74609	504970.8	5411405.4
L4970.0	504970.8	5411405.4	41276.39844	424.07	0	48.855595	-86.932236	56699.48	56230.9	19.08	56718.55	56716.51172	56648.30692	56638.17578	504970.8	5411405.4
L4970.0	504970.7	5411403.1	41276.50000	424.53	0	48.855574	-86.932236	56699.89	56230.9	19.07	56718.96	56716.82813	56647.60004	56637.49609	504970.7	5411403.1
L4970.0	504970.7	5411403.1	41276.60156	424.93	0	48.855574	-86.932236	56699.87	56230.9	19.06	56718.93	56716.70703	56636.30007	56626.21484	504970.7	5411403.1
L4970.0	504970.7	5411401.7	41276.69922	425.56	0	48.855562	-86.932236	56700.28	56230.9	19.06	56719.33	56717.01172	56634.50925	56624.44141	504970.7	5411401.7
L4970.0	504970.7	5411401.7	41276.80078	427.01	0	48.855562	-86.932236	56700.82	56230.9	19.05	56719.87	56717.45703	56635.52115	56625.46484	504970.7	5411401.7
L4970.0	504970.7	5411400.3	41276.89844	427.01	0	48.855549	-86.932237	56700.99	56231	19.05	56720.04	56717.53125	56627.54526	56617.49609	504970.7	5411400.3
L4970.0	504970.7	5411399.4	41276.89844	426.61	0	48.855541	-86.932237	56702.19	56231	19.05	56721.23	56718.62500	56642.70292	56632.65625	504970.7	5411399.4
L4970.0	504970.7	5411397.9	41277.00000	424.96	0	48.855528	-86.932237	56702.86	56231	19.04	56721.90	56719.19531	56645.39989	56635.35156	504970.7	5411397.9
L4970.0	504970.7	5411397.9	41277.19922	423.53	0	48.855528	-86.932237	56703.75	56231	19.03	56722.78	56719.98047	56652.50494	56642.44922	504970.7	5411397.9
L4970.0	504970.6	5411396.7	41277.30078	424.39	0	48.855517	-86.932237	56704.16	56231	19.02	56723.18	56720.28125	56648.06930	56638.00000	504970.6	5411396.7
L4970.0	504970.6	5411395.3	41277.39844	424.14	0	48.855504	-86.932238	56705.07	56231	19.01	56724.08	56721.08594	56654.74048	56644.65234	504970.6	5411395.3
L4970.0	504970.6	5411395.3	41277.50000	424.14	0	48.855504	-86.932238	56705.30	56231	19.01	56724.31	56721.21484	56645.47722	56635.36719	504970.6	5411395.3
L4970.0	504970.6	5411393.4	41277.60156	423.58	0	48.855487	-86.932238	56705.74	56231	19.00	56724.74	56721.54688	56640.38574	56630.24609	504970.6	5411393.4
L4970.0	504970.6	5411392.2	41277.69922	422.84	0	48.855476	-86.932239	56706.79	56231	18.99	56725.78	56722.48828	56648.94153	56638.76953	504970.6	5411392.2
L4970.0	504970.6	5411392.2	41277.80078	423.67	0	48.855476	-86.932239	56707.36	56231	18.98	56726.35	56722.95703	56646.18481	56635.96875	504970.6	5411392.2
L4970.0	504970.5	5411391.0	41277.89844	422.20	0	48.855466	-86.932239	56708.68	56231	18.98	56727.66	56724.16797	56660.08108	56649.82031	504970.5	5411391.0
L4970.0	504970.5	5411389.2	41278.00000	425.38	0	48.855449	-86.932240	56709.04	56231	18.97	56728.01	56724.41797	56651.34254	56641.03125	504970.5	5411389.2
L4970.0	504970.5	5411389.2	41278.10156	426.06	0	48.855449	-86.932240	56710.06	56231	18.97	56729.03	56725.33594	56657.64242	56647.27344	504970.5	5411389.2
L4970.0	504970.4	5411387.8	41278.19922	426.06	0	48.855437	-86.932240	56710.54	56231	18.97	56729.51	56725.71484	56651.01844	56640.58594	504970.4	5411387.8
L4970.0	504970.4	5411386.8	41278.30078	425.28	0	48.855428	-86.932241	56711.53	56231	18.96	56730.50	56726.60547	56655.74032	56645.23438	504970.4	5411386.8
L4970.0	504970.4	5411385.1	41278.39844	425.34	0	48.855413	-86.932241	56712.03	56231	18.96	56730.99	56726.99219	56648.46902	56637.88672	504970.4	5411385.1
L4970.0	504970.3	5411384.1	41278.50000	425.78	0	48.855404	-86.932242	56712.94	56231	18.96	56731.90	56727.80078	56650.47081	56639.80859	504970.3	5411384.1
L4970.0	504970.3	5411384.1	41278.60156	424.50	0	48.855404	-86.932242	56713.85	56231	18.96	56732.81	56728.60547	56652.04333	56641.29297	504970.3	5411384.1
L4970.0	504970.3	5411382.4	41278.69922	425.29	0	48.855389	-86.932242	56714.88	56231	18.96	56733.83	56729.52344	56655.73371	56644.88672	504970.3	5411382.4
L4970.0	504970.3	5411381.2	41278.80078	425.23	0	48.855378	-86.932243	56716.23	56231	18.95	56735.19	56730.78125	56666.86293	56655.91797	504970.3	5411381.2

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4970.0	504970.3	5411381.2	41278.89844	425.37	0	48.855378	-86.932243	56717.04	56231	18.95	56735.99	56731.47656	56664.63674	56653.58594	504970.3	5411381.2
L4970.0	504970.3	5411379.9	41278.89844	424.45	0	48.855366	-86.932243	56718.21	56231	18.95	56737.16	56732.54297	56670.55501	56659.39063	504970.3	5411379.9
L4970.0	504970.3	5411378.1	41279.00000	425.81	0	48.855350	-86.932243	56718.81	56231.1	18.95	56737.76	56733.03906	56662.90004	56651.61719	504970.3	5411378.1
L4970.0	504970.3	5411378.1	41279.19922	425.96	0	48.855350	-86.932243	56719.80	56231.1	18.93	56738.73	56733.90234	56663.40378	56651.99609	504970.3	5411378.1
L4970.0	504970.3	5411377.0	41279.30078	425.43	0	48.855339	-86.932243	56720.92	56231.1	18.92	56739.84	56734.91016	56666.75850	56655.21875	504970.3	5411377.0
L4970.0	504970.3	5411375.0	41279.39844	426.64	0	48.855322	-86.932242	56722.56	56231.1	18.91	56741.47	56736.43359	56681.75483	56670.07813	504970.3	5411375.0
L4970.0	504970.3	5411375.0	41279.50000	424.70	0	48.855322	-86.932242	56723.81	56231.1	18.90	56742.71	56737.57031	56687.37031	56675.55469	504970.3	5411375.0
L4970.0	504970.3	5411373.6	41279.60156	425.96	0	48.855309	-86.932242	56724.82	56231.1	18.90	56743.72	56738.47266	56687.31201	56675.34766	504970.3	5411373.6
L4970.0	504970.3	5411372.4	41279.69922	425.15	0	48.855299	-86.932242	56725.97	56231.1	18.89	56744.86	56739.50781	56689.90973	56677.79297	504970.3	5411372.4
L4970.0	504970.3	5411370.7	41279.80078	424.50	0	48.855283	-86.932242	56727.26	56231.1	18.88	56746.14	56740.68359	56695.40476	56683.12891	504970.3	5411370.7
L4970.0	504970.3	5411370.7	41279.89844	424.25	0	48.855283	-86.932242	56728.35	56231.1	18.87	56747.22	56741.65625	56695.94987	56683.50781	504970.3	5411370.7
L4970.0	504970.3	5411369.5	41280.00000	424.82	0	48.855272	-86.932242	56729.58	56231.1	18.86	56748.44	56742.77344	56699.41394	56686.80469	504970.3	5411369.5
L4970.0	504970.3	5411369.5	41280.10156	425.16	0	48.855272	-86.932242	56730.64	56231.1	18.86	56749.50	56743.72656	56698.87506	56686.09375	504970.3	5411369.5
L4970.0	504970.4	5411367.8	41280.19922	427.19	0	48.855257	-86.932242	56732.02	56231.1	18.86	56750.88	56745.00000	56705.43850	56692.47656	504970.4	5411367.8
L4970.0	504970.4	5411366.2	41280.30078	424.57	0	48.855243	-86.932242	56733.40	56231.1	18.85	56752.25	56746.26563	56711.48980	56698.34375	504970.4	5411366.2
L4970.0	504970.4	5411366.2	41280.39844	423.57	0	48.855243	-86.932242	56734.78	56231.1	18.85	56753.63	56747.53906	56717.50385	56704.16797	504970.4	5411366.2
L4970.0	504970.4	5411364.8	41280.50000	423.52	0	48.855230	-86.932241	56736.35	56231.2	18.85	56755.20	56749.00391	56727.65368	56714.12891	504970.4	5411364.8
L4970.0	504970.4	5411363.6	41280.60156	424.02	0	48.855219	-86.932241	56737.82	56231.2	18.85	56756.67	56750.37109	56735.25041	56721.52734	504970.4	5411363.6
L4970.0	504970.4	5411362.1	41280.69922	424.28	0	48.855206	-86.932241	56739.27	56231.2	18.85	56758.11	56751.70313	56741.92553	56728.00000	504970.4	5411362.1
L4970.0	504970.4	5411362.1	41280.80078	426.02	0	48.855206	-86.932241	56740.70	56231.2	18.84	56759.55	56753.03906	56748.38644	56734.25781	504970.4	5411362.1
L4970.0	504970.5	5411360.9	41280.89844	426.02	0	48.855195	-86.932240	56741.92	56231.2	18.84	56760.76	56754.14453	56749.33190	56734.99609	504970.5	5411360.9
L4970.0	504970.5	5411359.1	41280.89844	427.03	0	48.855179	-86.932240	56743.20	56231.2	18.84	56762.04	56755.32031	56751.70995	56737.16406	504970.5	5411359.1
L4970.0	504970.5	5411359.1	41281.00000	426.01	0	48.855179	-86.932240	56744.77	56231.2	18.84	56763.61	56756.78516	56760.62000	56745.85938	504970.5	5411359.1
L4970.0	504970.5	5411357.8	41281.19922	422.54	0	48.855167	-86.932240	56746.29	56231.2	18.83	56765.12	56758.19531	56767.98833	56753.00781	504970.5	5411357.8
L4970.0	504970.5	5411356.6	41281.30078	423.08	0	48.855156	-86.932240	56747.54	56231.2	18.83	56766.36	56759.33203	56768.97701	56753.77734	504970.5	5411356.6
L4970.0	504970.5	5411356.6	41281.39844	423.08	0	48.855156	-86.932240	56748.74	56231.2	18.82	56767.56	56760.42969	56768.91733	56753.49609	504970.5	5411356.6
L4970.0	504970.5	5411354.9	41281.50000	424.92	0	48.855141	-86.932239	56749.89	56231.2	18.82	56768.71	56761.47656	56767.59408	56751.94922	504970.5	5411354.9
L4970.0	504970.6	5411353.3	41281.60156	425.68	0	48.855126	-86.932239	56751.37	56231.2	18.82	56770.18	56762.84375	56773.57453	56757.70313	504970.6	5411353.3
L4970.0	504970.6	5411353.3	41281.69922	425.12	0	48.855126	-86.932239	56753.07	56231.2	18.81	56771.88	56764.44141	56784.79494	56768.69531	504970.6	5411353.3
L4970.0	504970.6	5411351.8	41281.80078	425.41	0	48.855113	-86.932239	56754.84	56231.2	18.81	56773.65	56766.11328	56797.57396	56781.24609	504970.6	5411351.8
L4970.0	504970.6	5411350.6	41281.89844	424.75	0	48.855102	-86.932239	56756.41	56231.2	18.80	56775.21	56767.57422	56805.45701	56788.89844	504970.6	5411350.6
L4970.0	504970.6	5411349.3	41282.00000	424.10	0	48.855090	-86.932238	56758.20	56231.2	18.80	56777.00	56769.26563	56818.62977	56801.83984	504970.6	5411349.3
L4970.0	504970.6	5411349.3	41282.10156	428.43	0	48.855090	-86.932238	56759.83	56231.2	18.80	56778.63	56770.79688	56828.09566	56811.07422	504970.6	5411349.3
L4970.0	504970.6	5411347.8	41282.19922	428.91	0	48.855077	-86.932238	56761.26	56231.2	18.79	56780.05	56772.11719	56832.71601	56815.46094	504970.6	5411347.8
L4970.0	504970.7	5411346.3	41282.30078	428.12	0	48.855063	-86.932238	56762.25	56231.2	18.79	56781.04	56773.01172	56827.42333	56809.93750	504970.7	5411346.3
L4970.0	504970.7	5411346.3	41282.39844	427.16	0	48.855063	-86.932238	56763.56	56231.2	18.79	56782.34	56774.21484	56829.33696	56811.61719	504970.7	5411346.3
L4970.0	504970.7	5411344.8	41282.50000	428.02	0	48.855050	-86.932238	56765.06	56231.2	18.78	56783.84	56775.62109	56835.93171	56817.98047	504970.7	5411344.8
L4970.0	504970.7	5411343.0	41282.60156	427.24	0	48.855034	-86.932237	56766.50	56231.2	18.78	56785.29	56776.97656	56841.44684	56823.26563	504970.7	5411343.0
L4970.0	504970.7	5411343.0	41282.69922	426.57	0	48.855034	-86.932237	56768.23	56231.2	18.78	56787.01	56778.60547	56853.29499	56834.88281	504970.7	5411343.0
L4970.0	504970.7	5411341.5	41282.80078	427.03	0	48.855021	-86.932237	56769.52	56231.2	18.78	56788.30	56779.80078	56855.31530	56836.67578	504970.7	5411341.5
L4970.0	504970.7	5411341.5	41282.89844	426.76	0	48.855021	-86.932237	56770.96	56231.2	18.77	56789.73	56781.14063	56860.69818	56841.83203	504970.7	5411341.5
L4970.0	504970.8	5411339.9	41282.89844	426.91	0	48.855006	-86.932237	56771.66	56231.2	18.77	56790.43	56781.75391	56849.35371	56830.26172	504970.8	5411339.9
L4970.0	504970.8	5411338.6	41283.00000	425.49	0	48.854994	-86.932237	56773.03	56231.2	18.77	56791.80	56783.03516	56853.65451	56834.33594	504970.8	5411338.6
L4970.0	504970.8	5411337.0	41283.19922	425.72	0	48.854980	-86.932237	56773.99	56231.2	18.76	56792.76	56783.90625	56848.65712	56829.11719	504970.8	5411337.0
L4970.0	504970.8	5411337.0	41283.30078	426.90	0	48.854980	-86.932237	56776.04	56231.2	18.76	56794.80	56785.85938	56868.81392	56849.05469	504970.8	5411337.0
L4970.0	504970.7	5411335.3	41283.39844	427.09	0	48.854964	-86.932237	56777.40	56231.2	18.76	56796.16	56787.13672	56873.46553	56853.49219	504970.7	5411335.3
L4970.0	504970.7	5411335.3	41283.50000	427.44	0	48.854964	-86.932237	56779.28	56231.2	18.75	56798.04	56788.93359	56890.36176	56870.17578	504970.7	5411335.3
L4970.0	504970.7	5411333.9	41283.60156	427.34	0	48.854952	-86.932237	56780.41	56231.2	18.75	56799.16	56789.96875	56889.93631	56869.53906	504970.7	5411333.9
L4970.0	504970.7	5411333.9	41283.69922	427.48	0	48.854952	-86.932237	56781.62	56231.3	18.75	56800.37	56791.09766	56891.84967	56871.24609	504970.7	5411333.9
L4970.0	504970.7	5411332.3	41283.80078	424.78	0	48.854938	-86.932237	56782.76	56231.3	18.75	56801.50	56792.14844	56892.18863	56871.38281	504970.7	5411332.3
L4970.0	504970.7	5411331.1	41283.89844	425.63	0	48.854927	-86.932237	56783.94	56231.3	18.74	56802.68	56793.25391	56893.97311	56872.96875	504970.7	5411331.1
L4970.0	504970.7	5411329.6	41284.00000	424.18	0	48.854913	-86.932237	56785.23	56231.3	18.74	56803.97	56794.46484	56898.60503	56877.40625	504970.7	5411329.6
L4970.0	504970.7	5411328.2	41284.10156	425.27	0	48.854901	-86.932237	56786.59	56231.3	18.74	56805.33	56795.75000	56905.17487	56883.78516	504970.7	5411328.2
L4970.0	504970.7	5411328.2	41284.19922	424.82	0	48.854901	-86.932237	56788.01	56231.3	18.74	56806.75	56797.09766	56913.46621	56891.89063	504970.7	5411328.2
L4970.0	504970.7	5411326.9	41284.30078	420.75	0	48.854889	-86.932237	56789.17	56231.3	18.73	56807.90	56798.17578	56915.86670	56894.10938	504970.7	5411326.9
L4970.0	504970.7	5411325.1	41284.39844	420.75	0	48.854872	-86.932237	56790.40	56231.3	18.73	56809.13	56799.33594	56920.47936	56898.55078	504970.7	5411325.1
L4970.0	504970.7	5411325.1	41284.50000	426.23	0	48.854872	-86.932237	56791.62	56231.3	18.73	56810.35	56800.48828	56925.23791	56903.13672	504970.7	5411325.1
L4970.0	504970.7	5411323.2	41284.60156	425.01	0	48.854856	-86.932238	56792.68	56231.3	18.73	56811.40	56801.47266	56926.45793	56904.19141	504970.7	5411323.2
L4970.0	504970.7	5411321.7	41284.69922	424.62	0	48.854842	-86.932238	56793.44	56231.3	18.73	56812.16	56802.16797	56921.37912	56898.95313	504970.7	5411321.7
L4970.0	504970.7	5411321.7	41284.80078	423.33	0	48.854842	-86.932238	56794.52	56231.3	18.72	56813.25	56803.19531	56924.34313	56901.76563	504970.7	5411321.7
L4970.0	504970.7	5411320.1	41284.89844	423.33	0	48.854828	-86.932238	56795.52	56231.3	18.72	56814.25	56804.13281	56925.65551	56902.92969	504970.7	5411320.1
L4970.0	504970.7	5411318.7	41284.89844	422.91	0	48.854815	-86.932238	56796.84	56231.3	18.72	56815.57	56805.39453	56934.80379	56911.93750	504970.7	5411318.7
L4970.0	504970.7	5411318.7	41285.00000	422.57	0	48.854815	-86.932238	56798.14	56231.3	18.72	56816.86	56806.62891	56943.71049	56920.71094	504970.7	5411318.7
L4970.0	504970.7	5411317.0	41285.19922	424.81	0	48.854800	-86.932238	56799.44	56231.3	18.72	56818.15	56807.86328	56953.08003	56929.94922	504970.7	5411317.0
L4970.0	504970.6	5411315.6	41285.30078	426.08	0	48.854788	-86.932238	56800.29	56231.3	18.71	56819.00	56808.66016	56952.75410	56929.50391	504970.6	5411315.6
L4970.0	504970.6	5411314.1	41285.39844	428.14	0	48.854774	-86.932239	56800.93	56231.3	18.71	56819.65	56809.25781	56948.28958	56924.92188	504970.6	5411314.1
L4970.0	504970.6	5411312.7	41285.50000	428.38	0	48.854761	-86.932239	56801.96	56231.3	18.71	56820.67	56810.22656	56952.86966	56929.39453	504970.6	5411312.7
L4970.0	504970.6	5411312.7	41285.60156	427.59	0	48.854761	-86.932239	56802.64	56231.3	18.71	56821.35	56810.85938	56950.09465	56926.51953	504970.6	5411312.7
L4970.0	504970.6	5411311.1	41285.69922	428.05	0	48.854747	-86.932239	56804.02	56231.3	18.71	56822.73	56812.19531	56964.00907	56940.33984	504970.6	5411311.1
L4970.0	504970.6	5411311.1	41285.80078	430.53	0	48.854747	-86.932239	56804.28	56231.3	18.70	56822.98	56812.40234	56952.32769	56928.57422	504970.6	5411311.1
L4970.0	504970.6	5411309.8	41285.89844	430.53	0	48.854735	-86.932239	56805.26	56231.3	18.70	56823.96	56813.33984	56958.04533	56934.21094	504970.6	5411309.8
L4970.0	504970.6	5411307.9	41286.00000	428.45	0	48.854718	-86.932239	56805.37	56231.3	18.70	56824.07	56813.41016	56944.19137	56920.28516	504970.6	5411307.9
L4970.0	504970.6	5411307.9	41286.10156	428.99	0	48.854718	-86.932239	56806.55	56231.3	18.70	56825.25	56814.55078	56955.60856	56931.64063	504970.6	5411307.9
L4970.0	504970.6	5411306.0	41286.19922	426.80	0	48.854701	-86.932239	56807.22	56231.3	18.70	56825.92	56815.18750	56955.78753	56931.76172	504970.6	5411306.0
L4970.0	504970.6	5411304.9	41286.30078	425.47	0	48.854691	-86.932238	56808.01	56231.3	18.70	56826.71	56815.94141	56959.29428	56935.21875	504970.6	5411304.9
L4970.0	504970.7	5411303.3	41286.39844	423.87	0	48.854676	-86.932238	56809.07	56231.3	18.70	56827.77	56816.97266	56969.60090	56945.48828	504970.7	5411303.3
L4970.0	504970.7	5411303.3	41286.50000	423.23	0	48.854676	-86.932238	56808.99	56231.3	18.70	56827.69	56816.86328	56954.12544	56929.98047	504970.7	5411303.3
L4970.0	504970.7	5411301.7	41286.60156	424.32	0	48.854662	-86.932238	56810.36	56231.3	18.70	56829.06	56818.20313	56972.73045	56948.55859	504970.7	5411301.7
L4970.0	504970.7	5411299.7	41286.69922	425.51	0	48.854645	-86.932238	56810.80	56231.3	18.70	56829.50	56818.61719	56970.41502	56946.22656	504970.7	5411299.7
L4970.0	504970.7	5411299.7	41286.80078	427.38	0	48.854645	-86.932238	56812.06	56231.3	18.70	56830.76	56819.85547	56987.62725	56963.42969	504970.7	5411299.7
L4970.0	504970.7	5411298.5	41286.89844	427.38	0	48.854633	-86.932238	56812.06	56231.3	18.70	56830.76	56819.83594	56976.29859	56952.10156	504970.7	5411298.5
L4970.0	504970.7	5411297.4	41286.89844	426.63	0	48.854623	-86.932238	56813.11	56231.3	18.70	56831.81	56820.86719	56989.81843	56965.62500	504970.7	5411297.4
L4970.0	504970.7	5411295.8	41287.00000	427.72	0	48.854609	-86.932238	56812.89	56231.3	18.70	56831.59	56820.62891	56974.57050	56950.39453	504970.7	5411295.8
L4970.0	504970.7	5411295.8	41287.19922	426.56	0	48.854609	-86.932238	56813.50	56231.3	18.70	56832.19	56821.21484	56978.85870	56954.70313	504970.7	5411295.8
L4970.0	504970.7	5411294.6	41287.30078	426.86	0	48.854599	-86.932238	56813.89	56231.3	18.69	56832.58	56821.59375	56978.87930	56954.75391	504970.7	5411294.6
L4970.0	504970.7	5411293.0	41287.39844	426.65	0	48.854584	-86.932238	56814.27	56231.3	18.69	56832.96	56821.96094	56979.25491	56955.16797	504970.7	5411293.0
L4970.0	504970.7	5411293.0	41287.50000	427.75	0	48.854584	-86.932238	56814.89	56231.3	18.69	56833.58	56822.57422	56985.76324	56961.72266	504970.7	5411293.0
L4970.0	504970.7	5411291.7	41287.60156	426.16	0	48.854572	-86.932238	56814.89	56231.3	18.69	56833.58	56822.56641	56978.52797	56954.54297	504970.7	5411291.7
L4970.0	504970.7	5411289.8	41287.69922	424.70	0	48.854556	-86.932238	56815.40	56231.3	18.69	56834.09	56823.07031	56983.66376	56959.73828	504970.7	5411289.8
L4970.0	504970.7	5411289.8	41287.80078	426.41	0	48.854556	-86.932238	56814.89	56231.3	18.68	56833.58	56822.55859	56965.80879	56941.95313	504970.7	5411289.8
L4970.0	504970.7	5411288.2	41287.89844	426.41	0	48.854540	-86.932238	56815.62	56231.3	18.68	56834.30	56823.28125	56976.96139	56953.18359	504970.7	5411288.2
L4970.0	504970.7	5411286.8	41288.00000	426.86	0	48.854528	-86.932239	56815.79	56231.3	18.68	56834.47	56823.44922	56975.98101	56952.28906	504970.7	5411286.8
L4970.0	504970.6	5411285.3	41288.10156	425.92	0	48.854515	-86.932239	56816.34	56231.3	18.68	56835.02	56824.00391	56984.35819	56960.75781	504970.6	5411285.3

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4970.0	504970.6	5411284.1	41288.19922	425.92	0	48.854504	-86.932239	56816.46	56231.3	18.69	56835.14	56824.12891	56983.36941	56959.86719	504970.6	5411284.1
L4970.0	504970.6	5411284.1	41288.30078	427.71	0	48.854504	-86.932239	56816.62	56231.3	18.69	56835.31	56824.30859	56984.10426	56960.70703	504970.6	5411284.1
L4970.0	504970.6	5411282.5	41288.39844	427.80	0	48.854490	-86.932239	56816.93	56231.3	18.69	56835.62	56824.62891	56988.63851	56965.35938	504970.6	5411282.5
L4970.0	504970.6	5411281.2	41288.50000	427.25	0	48.854478	-86.932239	56816.80	56231.3	18.69	56835.49	56824.50781	56983.56298	56960.40234	504970.6	5411281.2
L4970.0	504970.6	5411281.2	41288.60156	429.80	0	48.854478	-86.932239	56817.29	56231.3	18.70	56835.98	56825.01172	56993.37053	56970.33594	504970.6	5411281.2
L4970.0	504970.6	5411280.0	41288.69922	430.04	0	48.854467	-86.932239	56816.48	56231.3	18.70	56835.18	56824.22656	56973.91321	56951.01172	504970.6	5411280.0
L4970.0	504970.6	5411278.5	41288.80078	431.99	0	48.854454	-86.932240	56816.62	56231.3	18.70	56835.32	56824.38672	56976.72331	56953.96484	504970.6	5411278.5
L4970.0	504970.6	5411277.3	41288.89844	431.99	0	48.854442	-86.932240	56816.23	56231.3	18.71	56834.94	56824.02344	56968.05217	56945.44141	504970.6	5411277.3
L4970.0	504970.6	5411276.2	41288.89844	432.00	0	48.854432	-86.932240	56816.43	56231.3	18.71	56835.14	56824.24609	56973.31564	56950.85547	504970.6	5411276.2
L4970.0	504970.6	5411276.2	41289.00000	428.05	0	48.854432	-86.932240	56816.08	56231.3	18.71	56834.79	56823.91797	56966.39110	56944.08984	504970.6	5411276.2
L4970.0	504970.6	5411274.6	41289.19922	425.35	0	48.854418	-86.932240	56816.07	56231.3	18.71	56834.78	56823.92969	56967.84033	56945.70313	504970.6	5411274.6
L4970.0	504970.5	5411273.4	41289.30078	422.85	0	48.854408	-86.932240	56816.03	56231.3	18.71	56834.74	56823.91797	56969.10463	56947.14063	504970.5	5411273.4
L4970.0	504970.5	5411273.4	41289.39844	422.35	0	48.854408	-86.932240	56815.61	56231.3	18.71	56834.32	56823.52344	56962.08722	56940.30078	504970.5	5411273.4
L4970.0	504970.5	5411271.8	41289.50000	422.64	0	48.854393	-86.932240	56815.72	56231.3	18.71	56834.43	56823.66406	56967.81122	56946.20703	504970.5	5411271.8
L4970.0	504970.6	5411270.4	41289.60156	424.43	0	48.854381	-86.932240	56815.18	56231.3	18.71	56833.89	56823.15625	56958.99692	56937.57813	504970.6	5411270.4
L4970.0	504970.6	5411268.5	41289.69922	425.13	0	48.854364	-86.932240	56815.48	56231.3	18.71	56834.19	56823.48828	56970.07145	56948.84375	504970.6	5411268.5
L4970.0	504970.6	5411268.5	41289.80078	424.78	0	48.854364	-86.932240	56814.74	56231.3	18.71	56833.45	56822.78125	56957.57672	56936.54688	504970.6	5411268.5
L4970.0	504970.6	5411267.2	41289.89844	424.78	0	48.854352	-86.932240	56814.51	56231.3	18.71	56833.22	56822.58594	56957.32606	56936.49609	504970.6	5411267.2
L4970.0	504970.6	5411265.8	41290.00000	425.24	0	48.854340	-86.932239	56813.86	56231.3	18.71	56832.57	56821.97656	56947.81662	56927.19531	504970.6	5411265.8
L4970.0	504970.6	5411265.8	41290.10156	425.55	0	48.854340	-86.932239	56813.91	56231.3	18.71	56832.62	56822.06250	56954.92348	56934.51172	504970.6	5411265.8
L4970.0	504970.6	5411264.3	41290.19922	415.19	0	48.854326	-86.932239	56813.50	56231.3	18.71	56832.20	56821.68359	56951.59672	56931.39844	504970.6	5411264.3
L4970.0	504970.7	5411262.3	41290.30078	415.57	0	48.854308	-86.932238	56813.32	56231.3	18.71	56832.03	56821.55469	56954.46654	56934.48438	504970.7	5411262.3
L4970.0	504970.7	5411260.9	41290.39844	428.21	0	48.854296	-86.932238	56812.93	56231.3	18.71	56831.64	56821.20703	56952.66058	56932.90234	504970.7	5411260.9
L4970.0	504970.7	5411260.9	41290.50000	427.04	0	48.854296	-86.932238	56812.29	56231.3	18.71	56830.99	56820.60156	56945.24418	56925.71094	504970.7	5411260.9
L4970.0	504970.7	5411259.7	41290.60156	427.04	0	48.854284	-86.932238	56812.16	56231.3	18.70	56830.86	56820.51563	56950.23381	56930.92969	504970.7	5411259.7
L4970.0	504970.8	5411257.9	41290.69922	427.99	0	48.854269	-86.932237	56811.39	56231.3	18.70	56830.09	56819.79297	56940.80996	56921.73438	504970.8	5411257.9
L4970.0	504970.8	5411256.5	41290.80078	426.15	0	48.854255	-86.932237	56811.14	56231.3	18.70	56829.84	56819.58984	56943.77115	56924.93359	504970.8	5411256.5
L4970.0	504970.8	5411256.5	41290.89844	426.15	0	48.854255	-86.932237	56810.39	56231.3	18.70	56829.09	56818.88672	56935.53329	56916.93359	504970.8	5411256.5
L4970.0	504970.8	5411255.2	41290.89844	426.21	0	48.854244	-86.932237	56810.07	56231.3	18.70	56828.77	56818.61719	56937.57916	56919.21875	504970.8	5411255.2
L4970.0	504970.8	5411253.4	41291.00000	426.16	0	48.854228	-86.932237	56809.33	56231.3	18.70	56828.03	56817.92969	56930.25346	56912.13281	504970.8	5411253.4
L4970.0	504970.8	5411251.8	41291.19922	423.21	0	48.854214	-86.932237	56808.58	56231.3	18.71	56827.29	56817.23828	56923.25214	56905.37500	504970.8	5411251.8
L4970.0	504970.8	5411251.8	41291.30078	423.81	0	48.854214	-86.932237	56808.18	56231.3	18.72	56826.89	56816.89063	56924.42223	56906.79297	504970.8	5411251.8
L4970.0	504970.8	5411251.8	41291.39844	424.00	0	48.854214	-86.932237	56807.66	56231.3	18.72	56826.38	56816.43750	56923.35286	56905.97266	504970.8	5411251.8
L4970.0	504970.8	5411249.5	41291.50000	424.00	0	48.854193	-86.932237	56807.56	56231.3	18.73	56826.29	56816.39844	56932.28218	56915.14844	504970.8	5411249.5
L4970.0	504970.8	5411248.2	41291.60156	423.56	0	48.854181	-86.932237	56806.55	56231.3	18.74	56825.28	56815.44531	56920.23030	56903.34766	504970.8	5411248.2
L4970.0	504970.8	5411247.0	41291.69922	424.74	0	48.854170	-86.932237	56806.08	56231.3	18.74	56824.82	56815.03906	56921.16001	56904.52734	504970.8	5411247.0
L4970.0	504970.8	5411245.9	41291.80078	426.17	0	48.854160	-86.932237	56805.24	56231.3	18.75	56823.99	56814.26953	56913.79821	56897.41797	504970.8	5411245.9
L4970.0	504970.8	5411245.9	41291.89844	426.17	0	48.854160	-86.932237	56804.72	56231.2	18.75	56823.47	56813.80469	56913.84990	56897.72656	504970.8	5411245.9
L4970.0	504970.8	5411243.8	41292.00000	427.32	0	48.854141	-86.932237	56803.85	56231.2	18.76	56822.61	56813.00391	56906.28211	56890.41016	504970.8	5411243.8
L4970.0	504970.8	5411242.5	41292.10156	425.65	0	48.854130	-86.932237	56803.48	56231.2	18.76	56822.24	56812.69141	56910.26666	56894.64844	504970.8	5411242.5
L4970.0	504970.8	5411242.5	41292.19922	426.92	0	48.854130	-86.932237	56802.92	56231.2	18.76	56821.68	56812.19141	56910.07741	56894.71484	504970.8	5411242.5
L4970.0	504970.8	5411240.9	41292.30078	425.44	0	48.854115	-86.932238	56802.32	56231.2	18.76	56821.08	56811.65234	56909.17069	56894.05859	504970.8	5411240.9
L4970.0	504970.8	5411239.6	41292.39844	423.68	0	48.854103	-86.932238	56801.79	56231.2	18.76	56820.55	56811.17969	56910.07845	56895.22266	504970.8	5411239.6
L4970.0	504970.8	5411239.6	41292.50000	424.35	0	48.854103	-86.932238	56800.60	56231.2	18.76	56819.36	56810.05078	56895.91931	56881.32031	504970.8	5411239.6
L4970.0	504970.7	5411238.2	41292.60156	424.69	0	48.854091	-86.932238	56799.96	56231.2	18.77	56818.72	56809.47266	56894.64786	56880.30078	504970.7	5411238.2
L4970.0	504970.7	5411236.8	41292.69922	424.27	0	48.854079	-86.932238	56799.18	56231.2	18.77	56817.95	56808.76563	56890.53852	56876.44141	504970.7	5411236.8
L4970.0	504970.7	5411236.8	41292.80078	424.48	0	48.854079	-86.932238	56799.01	56231.2	18.77	56817.78	56808.65625	56900.45273	56886.60547	504970.7	5411236.8
L4970.0	504970.7	5411235.0	41292.89844	424.48	0	48.854062	-86.932239	56797.89	56231.2	18.77	56816.66	56807.59766	56888.55838	56874.96484	504970.7	5411235.0
L4970.0	504970.7	5411233.5	41292.89844	421.91	0	48.854049	-86.932239	56797.56	56231.2	18.77	56816.33	56807.32813	56895.05957	56881.71484	504970.7	5411233.5
L4970.0	504970.6	5411231.9	41293.00000	423.10	0	48.854034	-86.932239	56796.41	56231.2	18.77	56815.18	56806.24219	56882.73783	56869.64063	504970.6	5411231.9
L4970.0	504970.6	5411231.9	41293.19922	422.71	0	48.854034	-86.932239	56795.55	56231.2	18.78	56814.33	56805.45313	56877.46858	56864.61719	504970.6	5411231.9
L4970.0	504970.6	5411230.2	41293.30078	426.43	0	48.854019	-86.932240	56794.47	56231.2	18.78	56813.26	56804.44531	56867.22494	56854.61719	504970.6	5411230.2
L4970.0	504970.6	5411228.9	41293.39844	425.49	0	48.854008	-86.932240	56793.65	56231.2	18.79	56812.44	56803.69141	56862.86035	56850.49609	504970.6	5411228.9
L4970.0	504970.6	5411228.9	41293.50000	425.84	0	48.854008	-86.932240	56793.18	56231.2	18.79	56811.97	56803.28125	56866.67724	56854.55469	504970.6	5411228.9
L4970.0	504970.5	5411227.1	41293.60156	425.86	0	48.853991	-86.932241	56792.39	56231.2	18.80	56811.19	56802.56641	56863.41367	56851.53125	504970.5	5411227.1
L4970.0	504970.5	5411225.7	41293.69922	429.04	0	48.853979	-86.932241	56792.25	56231.2	18.81	56811.06	56802.49609	56875.24812	56863.59766	504970.5	5411225.7
L4970.0	504970.5	5411224.3	41293.80078	426.58	0	48.853966	-86.932241	56791.07	56231.2	18.81	56809.88	56801.37891	56862.88326	56851.46875	504970.5	5411224.3
L4970.0	504970.5	5411224.3	41293.89844	426.58	0	48.853966	-86.932241	56790.64	56231.2	18.82	56809.46	56801.02344	56868.14251	56856.96094	504970.5	5411224.3
L4970.0	504970.5	5411222.9	41294.00000	427.79	0	48.853954	-86.932242	56789.42	56231.2	18.82	56808.24	56799.86328	56854.96450	56844.01172	504970.5	5411222.9
L4970.0	504970.4	5411221.3	41294.10156	426.08	0	48.853939	-86.932242	56788.81	56231.2	18.83	56807.64	56799.32813	56856.15960	56845.43359	504970.4	5411221.3
L4970.0	504970.4	5411221.3	41294.19922	425.25	0	48.853939	-86.932242	56787.57	56231.2	18.83	56806.41	56798.15625	56842.83130	56832.32422	504970.4	5411221.3
L4970.0	504970.4	5411219.7	41294.30078	425.47	0	48.853925	-86.932243	56787.18	56231.2	18.84	56806.02	56797.82813	56848.94588	56838.66016	504970.4	5411219.7
L4970.0	504970.4	5411218.1	41294.39844	423.38	0	48.853910	-86.932243	56786.48	56231.2	18.85	56805.33	56797.19922	56848.14945	56838.08203	504970.4	5411218.1
L4970.0	504970.4	5411218.1	41294.50000	425.26	0	48.853910	-86.932243	56785.72	56231.1	18.85	56804.57	56796.50391	56845.75068	56835.89453	504970.4	5411218.1
L4970.0	504970.4	5411216.3	41294.60156	425.00	0	48.853894	-86.932243	56784.79	56231.1	18.86	56803.65	56795.64063	56839.66284	56830.01563	504970.4	5411216.3
L4970.0	504970.4	5411214.8	41294.69922	425.00	0	48.853880	-86.932243	56783.73	56231.1	18.87	56802.60	56794.65234	56830.57273	56821.13281	504970.4	5411214.8
L4970.0	504970.4	5411213.3	41294.80078	424.05	0	48.853867	-86.932243	56783.29	56231.1	18.88	56802.17	56794.28125	56835.80743	56826.57031	504970.4	5411213.3
L4970.0	504970.4	5411213.3	41294.89844	424.05	0	48.853867	-86.932243	56782.20	56231.1	18.88	56801.08	56793.25000	56825.77831	56816.73828	504970.4	5411213.3
L4970.0	504970.4	5411211.7	41294.89844	423.05	0	48.853853	-86.932243	56781.85	56231.1	18.88	56800.73	56792.96094	56832.83511	56823.99219	504970.4	5411211.7
L4970.0	504970.4	5411210.1	41295.00000	422.12	0	48.853839	-86.932244	56781.24	56231.1	18.89	56800.13	56792.41797	56834.09181	56825.43750	504970.4	5411210.1
L4970.0	504970.4	5411208.8	41295.19922	421.32	0	48.853826	-86.932244	56781.03	56231.1	18.90	56799.93	56792.27734	56844.56501	56836.09766	504970.4	5411208.8
L4970.0	504970.4	5411208.8	41295.30078	421.21	0	48.853826	-86.932244	56780.06	56231.1	18.91	56798.96	56791.36328	56837.20900	56828.92578	504970.4	5411208.8
L4970.0	504970.4	5411208.8	41295.39844	421.36	0	48.853826	-86.932244	56778.84	56231.1	18.91	56797.75	56790.21094	56824.26734	56816.16406	504970.4	5411208.8
L4970.0	504970.3	5411206.8	41295.50000	422.35	0	48.853808	-86.932244	56777.81	56231.1	18.92	56796.73	56789.24609	56815.67262	56807.74219	504970.3	5411206.8
L4970.0	504970.3	5411205.0	41295.60156	422.35	0	48.853792	-86.932244	56777.12	56231.1	18.93	56796.05	56788.62109	56814.88643	56807.12500	504970.3	5411205.0
L4970.0	504970.4	5411203.5	41295.69922	424.00	0	48.853779	-86.932244	56776.89	56231.1	18.93	56795.82	56788.44531	56824.44604	56816.84766	504970.4	5411203.5
L4970.0	504970.4	5411203.5	41295.80078	426.01	0	48.853779	-86.932244	56776.06	56231.1	18.94	56794.99	56787.66797	56820.07979	56812.64453	504970.4	5411203.5
L4970.0	504970.4	5411201.8	41295.89844	426.01	0	48.853764	-86.932244	56775.52	56231.1	18.94	56794.47	56787.20313	56822.81424	56815.53516	504970.4	5411201.8
L4970.0	504970.4	5411201.8	41296.00000	424.83	0	48.853764	-86.932244	56774.46	56231.1	18.95	56793.41	56786.19531	56813.00023	56805.87109	504970.4	5411201.8
L4970.0	504970.4	5411200.8	41296.10156	426.51	0	48.853755	-86.932243	56774.13	56231	18.96	56793.09	56785.92578	56820.21573	56813.23438	504970.4	5411200.8
L4970.0	504970.4	5411199.4	41296.19922	429.01	0	48.853742	-86.932243	56772.91	56231	18.96	56791.88	56784.76953	56806.78504	56799.94531	504970.4	5411199.4
L4970.0	504970.4	5411197.8	41296.30078	428.42	0	48.853727	-86.932243	56772.17	56231	18.97	56791.14	56784.07813	56804.13526	56797.42969	504970.4	5411197.8
L4970.0	504970.4	5411197.8	41296.39844	427.62	0	48.853727	-86.932243	56771.25	56231	18.97	56790.22	56783.20703	56797.23995	56790.66797	504970.4	5411197.8
L4970.0	504970.4	5411196.4	41296.50000	425.13	0	48.853715	-86.932243	56770.45	56231	18.98	56789.43	56782.46484	56793.25959	56786.81641	504970.4	5411196.4
L4970.0	504970.5	5411194.8	41296.60156	426.03	0	48.853701	-86.932242	56770.16	56231	18.99	56789.15	56782.23438	56800.97253	56794.64844	504970.5	5411194.8
L4970.0	504970.5	5411194.8	41296.69922	426.03	0	48.853701	-86.932242	56769.14	56231	18.99	56788.13	56781.26172	56791.48588	56785.27734	504970.5	5411194.8
L4970.0	504970.5	5411193.4	41296.80078	422.58	0	48.853688	-86.932242	56769.03	56231	19.00	56788.03	56781.20703	56803.16060	56797.06250	504970.5	5411193.4
L4970.0	504970.6	5411191.8	41296.89844	422.58	0	48.853674	-86.932241	56768.13	56231	19.00	56787.14	56780.36328	56796.47279	56790.48047	504970.6	5411191.8
L4970.0	504970.6	5411191.8	41296.89844	425.19	0	48.853674	-86.932241	56767.93	56231	19.00	56786.93	56780.19922	56805.39244	56799.50391	504970.6	5411191.8
L4970.0	504970.6	5411190.7	41297.00000	424.33	0	48.853664	-86.932240	56766.94	56231	19.01	56785.95	56779.26172	56796.40472	56790.60938	504970.6	5411190.7
L4970.0	504970.7	5411189.4	41297.19922	424.54	0	48.853652	-86.932240	56767.20	56231	19.03	56786.23	56779.58203	56816.42209	56810.71484	504970.7	5411189.4
L4970.0	504970.7	5411188.0	41297.30078	425.22	0	48.853640	-86.932239	56766.92	56231	19.04	56785.96	56779.35547	56823.60984	56817.98828	504970.7	5411188.0
L4970.0	504970.7	5411188.0	41297.39844	428.36	0	48.853640	-86.932239	56766.38	56231	19.05	56785.43	56778.86719	56824.66695	56819.12500	504970.7	5411188.0

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4970.0	504970.8	5411186.9	41297.50000	428.88	0	48.853630	-86.932238	56765.76	56230.9	19.06	56784.81	56778.28516	56823.51913	56818.05469	504970.8	5411186.9
L4970.0	504970.8	5411185.3	41297.60156	428.70	0	48.853615	-86.932238	56765.01	56230.9	19.06	56784.07	56777.58594	56819.46993	56814.07031	504970.8	5411185.3
L4970.0	504970.9	5411184.0	41297.69922	429.63	0	48.853603	-86.932237	56764.14	56230.9	19.07	56783.22	56776.77344	56812.74737	56807.41016	504970.9	5411184.0
L4970.0	504970.9	5411182.6	41297.80078	428.54	0	48.853591	-86.932236	56763.70	56230.9	19.08	56782.78	56776.37109	56815.36630	56810.08594	504970.9	5411182.6
L4970.0	504970.9	5411182.6	41297.89844	428.54	0	48.853591	-86.932236	56763.59	56230.9	19.09	56782.68	56776.30859	56825.70600	56820.48047	504970.9	5411182.6
L4970.0	504971.0	5411181.0	41298.00000	427.06	0	48.853576	-86.932236	56762.82	56230.9	19.10	56781.92	56775.58594	56820.65232	56815.47266	504971.0	5411181.0
L4970.0	504971.0	5411179.6	41298.10156	427.06	0	48.853564	-86.932235	56762.21	56230.9	19.11	56781.32	56775.01953	56819.15365	56814.01563	504971.0	5411179.6
L4970.0	504971.0	5411179.6	41298.19922	425.47	0	48.853564	-86.932235	56761.28	56230.9	19.12	56780.40	56774.13281	56810.11385	56805.01172	504971.0	5411179.6
L4970.0	504971.0	5411178.2	41298.30078	427.63	0	48.853552	-86.932235	56761.20	56230.9	19.13	56780.33	56774.09766	56820.57038	56815.49609	504971.0	5411178.2
L4970.0	504971.0	5411176.9	41298.39844	426.20	0	48.853539	-86.932235	56760.40	56230.9	19.14	56779.54	56773.33984	56814.23593	56809.18750	504971.0	5411176.9
L4970.0	504971.0	5411176.9	41298.50000	426.20	0	48.853539	-86.932235	56760.09	56230.9	19.15	56779.24	56773.07031	56819.07256	56814.04688	504971.0	5411176.9
L4970.0	504971.1	5411175.1	41298.60156	426.02	0	48.853524	-86.932234	56759.71	56230.8	19.16	56778.87	56772.73047	56822.13545	56817.12109	504971.1	5411175.1
L4970.0	504971.1	5411173.8	41298.69922	423.55	0	48.853512	-86.932234	56759.48	56230.8	19.17	56778.65	56772.53906	56828.50665	56823.50000	504971.1	5411173.8
L4970.0	504971.1	5411173.8	41298.80078	423.23	0	48.853512	-86.932234	56758.70	56230.8	19.18	56777.88	56771.80078	56822.00592	56817.00391	504971.1	5411173.8
L4970.0	504971.1	5411172.5	41298.89844	423.23	0	48.853500	-86.932234	56757.63	56230.8	19.19	56776.81	56770.75781	56808.40880	56803.40625	504971.1	5411172.5
L4970.0	504971.1	5411171.0	41298.89844	421.51	0	48.853487	-86.932234	56757.26	56230.8	19.19	56776.45	56770.42578	56811.05544	56806.04688	504971.1	5411171.0
L4970.0	504971.1	5411169.6	41299.00000	420.95	0	48.853474	-86.932234	56756.70	56230.8	19.20	56775.90	56769.90234	56809.14360	56804.12109	504971.1	5411169.6
L4970.0	504971.1	5411168.1	41299.19922	421.26	0	48.853461	-86.932234	56756.54	56230.8	19.21	56775.76	56769.78906	56816.53800	56811.49609	504971.1	5411168.1
L4970.0	504971.1	5411168.1	41299.30078	421.83	0	48.853461	-86.932234	56756.25	56230.8	19.22	56775.47	56769.52344	56820.29441	56815.23047	504971.1	5411168.1
L4970.0	504971.1	5411166.4	41299.39844	424.03	0	48.853445	-86.932233	56755.56	56230.8	19.23	56774.79	56768.86719	56814.86426	56809.77344	504971.1	5411166.4
L4970.0	504971.1	5411165.1	41299.50000	424.03	0	48.853433	-86.932233	56754.85	56230.8	19.24	56774.09	56768.19141	56808.79701	56803.67188	504971.1	5411165.1
L4970.0	504971.2	5411163.5	41299.60156	425.79	0	48.853419	-86.932233	56754.48	56230.8	19.24	56773.72	56767.84375	56810.17997	56805.01563	504971.2	5411163.5
L4970.0	504971.2	5411163.5	41299.69922	425.81	0	48.853419	-86.932233	56754.43	56230.8	19.25	56773.68	56767.82422	56819.01164	56813.80469	504971.2	5411163.5
L4970.0	504971.2	5411162.0	41299.80078	426.21	0	48.853406	-86.932233	56753.63	56230.7	19.26	56772.88	56767.04688	56810.09935	56804.84375	504971.2	5411162.0
L4970.0	504971.2	5411162.0	41299.89844	424.42	0	48.853406	-86.932233	56752.86	56230.7	19.26	56772.13	56766.31641	56802.16197	56796.85547	504971.2	5411162.0
L4970.0	504971.2	5411160.7	41299.89844	425.65	0	48.853394	-86.932233	56751.57	56230.7	19.26	56770.84	56765.04688	56781.56275	56776.20313	504971.2	5411160.7
L4970.0	504971.2	5411159.2	41300.00000	426.19	0	48.853381	-86.932232	56750.95	56230.7	19.27	56770.21	56764.43750	56776.03423	56770.60938	504971.2	5411159.2
L4970.0	504971.2	5411159.2	41300.19922	424.32	0	48.853381	-86.932232	56750.75	56230.7	19.29	56770.04	56764.28516	56780.95335	56775.46484	504971.2	5411159.2
L4970.0	504971.3	5411157.2	41300.30078	424.08	0	48.853363	-86.932232	56750.88	56230.7	19.30	56770.18	56764.44531	56792.85275	56787.29297	504971.3	5411157.2
L4970.0	504971.3	5411155.6	41300.39844	424.49	0	48.853348	-86.932232	56751.15	56230.7	19.31	56770.47	56764.75391	56808.03415	56802.40234	504971.3	5411155.6
L4970.0	504971.3	5411154.5	41300.50000	424.49	0	48.853338	-86.932231	56750.70	56230.7	19.32	56770.02	56764.32031	56805.92821	56800.21875	504971.3	5411154.5
L4970.0	504971.3	5411154.5	41300.60156	425.85	0	48.853338	-86.932231	56749.76	56230.7	19.34	56769.10	56763.41797	56792.77485	56786.98047	504971.3	5411154.5
L4970.0	504971.3	5411152.9	41300.69922	424.78	0	48.853324	-86.932231	56748.74	56230.7	19.35	56768.08	56762.41406	56777.12530	56771.24609	504971.3	5411152.9
L4970.0	504971.4	5411151.3	41300.80078	425.78	0	48.853309	-86.932231	56748.51	56230.6	19.36	56767.87	56762.21875	56780.01107	56774.03906	504971.4	5411151.3
L4970.0	504971.4	5411151.3	41300.89844	426.11	0	48.853309	-86.932231	56748.05	56230.6	19.37	56767.42	56761.78516	56777.16581	56771.10156	504971.4	5411151.3
L4970.0	504971.4	5411149.3	41300.89844	425.36	0	48.853292	-86.932230	56748.07	56230.6	19.37	56767.44	56761.82031	56784.99923	56778.83984	504971.4	5411149.3
L4970.0	504971.4	5411148.0	41301.00000	423.74	0	48.853279	-86.932230	56747.78	56230.6	19.38	56767.16	56761.55469	56785.71655	56779.45703	504971.4	5411148.0
L4970.0	504971.5	5411146.7	41301.19922	424.41	0	48.853268	-86.932229	56747.58	56230.6	19.40	56766.98	56761.38672	56788.56344	56782.19922	504971.5	5411146.7
L4970.0	504971.5	5411145.5	41301.30078	426.05	0	48.853257	-86.932229	56747.01	56230.6	19.41	56766.42	56760.84375	56782.44789	56775.97656	504971.5	5411145.5
L4970.0	504971.5	5411145.5	41301.39844	428.21	0	48.853257	-86.932229	56746.83	56230.6	19.42	56766.25	56760.68750	56785.16720	56778.58984	504971.5	5411145.5
L4970.0	504971.5	5411144.0	41301.50000	425.39	0	48.853244	-86.932229	56746.71	56230.6	19.43	56766.14	56760.58984	56789.09657	56782.40625	504971.5	5411144.0
L4970.0	504971.6	5411142.3	41301.60156	425.29	0	48.853229	-86.932228	56746.14	56230.6	19.43	56765.58	56760.04297	56782.45141	56775.64844	504971.6	5411142.3
L4970.0	504971.6	5411142.3	41301.69922	427.24	0	48.853229	-86.932228	56745.73	56230.6	19.44	56765.17	56759.64453	56779.10091	56772.17969	504971.6	5411142.3
L4970.0	504971.6	5411141.3	41301.80078	428.68	0	48.853220	-86.932228	56745.43	56230.5	19.45	56764.89	56759.37891	56778.58555	56771.54688	504971.6	5411141.3
L4970.0	504971.6	5411139.1	41301.89844	428.68	0	48.853200	-86.932228	56744.81	56230.5	19.46	56764.27	56758.77344	56770.04603	56762.88672	504971.6	5411139.1
L4970.0	504971.6	5411139.1	41302.00000	426.17	0	48.853200	-86.932228	56744.72	56230.5	19.47	56764.19	56758.70313	56773.82355	56766.54297	504971.6	5411139.1
L4970.0	504971.6	5411137.7	41302.10156	426.17	0	48.853187	-86.932228	56744.81	56230.5	19.48	56764.28	56758.80859	56781.37051	56773.96484	504971.6	5411137.7
L4970.0	504971.6	5411135.9	41302.19922	425.69	0	48.853171	-86.932228	56744.60	56230.5	19.48	56764.08	56758.61719	56782.05961	56774.53125	504971.6	5411135.9
L4970.0	504971.6	5411134.5	41302.30078	424.73	0	48.853158	-86.932228	56744.51	56230.5	19.49	56764.00	56758.55078	56785.37064	56777.71484	504971.6	5411134.5
L4970.0	504971.6	5411134.5	41302.39844	422.92	0	48.853158	-86.932228	56743.38	56230.5	19.50	56762.88	56757.44531	56764.49902	56756.71484	504971.6	5411134.5
L4970.0	504971.6	5411132.9	41302.50000	422.92	0	48.853144	-86.932228	56743.54	56230.5	19.51	56763.04	56757.61719	56773.06769	56765.15625	504971.6	5411132.9
L4970.0	504971.6	5411131.4	41302.60156	423.42	0	48.853131	-86.932228	56742.94	56230.5	19.51	56762.45	56757.03906	56764.16587	56756.12891	504971.6	5411131.4
L4970.0	504971.6	5411130.2	41302.69922	425.15	0	48.853119	-86.932228	56743.31	56230.5	19.52	56762.82	56757.42188	56777.31928	56769.15234	504971.6	5411130.2
L4970.0	504971.6	5411130.2	41302.80078	423.52	0	48.853119	-86.932228	56742.82	56230.5	19.53	56762.35	56756.96484	56770.93336	56762.63672	504971.6	5411130.2
L4970.0	504971.6	5411128.7	41302.89844	422.24	0	48.853106	-86.932228	56742.89	56230.5	19.53	56762.43	56757.05859	56777.13885	56768.71484	504971.6	5411128.7
L4970.0	504971.6	5411127.2	41302.89844	424.22	0	48.853092	-86.932228	56742.38	56230.5	19.53	56761.91	56756.55078	56769.36416	56760.81250	504971.6	5411127.2
L4970.0	504971.6	5411125.6	41303.00000	426.91	0	48.853078	-86.932228	56742.25	56230.5	19.54	56761.79	56756.44531	56770.72726	56762.04688	504971.6	5411125.6
L4970.0	504971.6	5411125.6	41303.19922	428.36	0	48.853078	-86.932228	56742.42	56230.4	19.55	56761.98	56756.64844	56779.15516	56770.34766	504971.6	5411125.6
L4970.0	504971.6	5411123.9	41303.30078	428.75	0	48.853063	-86.932228	56742.10	56230.4	19.56	56761.66	56756.33984	56775.70394	56766.76953	504971.6	5411123.9
L4970.0	504971.6	5411122.8	41303.39844	428.62	0	48.853053	-86.932228	56741.88	56230.4	19.57	56761.45	56756.14453	56774.71023	56765.65234	504971.6	5411122.8
L4970.0	504971.6	5411122.8	41303.50000	427.73	0	48.853053	-86.932228	56741.69	56230.4	19.58	56761.26	56755.96875	56774.10197	56764.91797	504971.6	5411122.8
L4970.0	504971.6	5411121.4	41303.60156	427.91	0	48.853040	-86.932228	56742.13	56230.4	19.58	56761.71	56756.43359	56788.21641	56778.91016	504971.6	5411121.4
L4970.0	504971.6	5411120.0	41303.69922	427.92	0	48.853028	-86.932228	56741.40	56230.4	19.59	56760.99	56755.73047	56775.23069	56765.80469	504971.6	5411120.0
L4970.0	504971.6	5411118.5	41303.80078	427.92	0	48.853014	-86.932228	56740.78	56230.4	19.60	56760.37	56755.12500	56764.50500	56754.96094	504971.6	5411118.5
L4970.0	504971.6	5411118.5	41303.89844	426.59	0	48.853014	-86.932228	56740.93	56230.4	19.60	56760.54	56755.31250	56771.99522	56762.33594	504971.6	5411118.5
L4970.0	504971.6	5411117.1	41304.00000	425.75	0	48.853002	-86.932228	56741.00	56230.4	19.61	56760.61	56755.39844	56777.14177	56767.37109	504971.6	5411117.1
L4970.0	504971.6	5411117.1	41304.10156	425.45	0	48.853002	-86.932228	56740.88	56230.4	19.62	56760.50	56755.30469	56778.10541	56768.22266	504971.6	5411117.1
L4970.0	504971.6	5411115.1	41304.19922	424.83	0	48.852984	-86.932228	56740.19	56230.4	19.62	56759.82	56754.64063	56765.88272	56755.89063	504971.6	5411115.1
L4970.0	504971.6	5411113.7	41304.30078	426.07	0	48.852971	-86.932228	56740.42	56230.4	19.63	56760.05	56754.89063	56774.68857	56764.59375	504971.6	5411113.7
L4970.0	504971.6	5411112.2	41304.39844	427.83	0	48.852958	-86.932228	56740.55	56230.4	19.64	56760.18	56755.03906	56781.19104	56770.99609	504971.6	5411112.2
L4970.0	504971.6	5411110.6	41304.50000	428.06	0	48.852943	-86.932228	56741.24	56230.4	19.65	56760.89	56755.76953	56801.11646	56790.82422	504971.6	5411110.6
L4970.0	504971.6	5411110.6	41304.60156	427.50	0	48.852943	-86.932228	56740.68	56230.3	19.65	56760.33	56755.22656	56791.71990	56781.33203	504971.6	5411110.6
L4970.0	504971.6	5411108.8	41304.69922	424.56	0	48.852927	-86.932228	56740.21	56230.3	19.66	56759.87	56754.78906	56784.67490	56774.19922	504971.6	5411108.8
L4970.0	504971.6	5411108.8	41304.80078	426.79	0	48.852927	-86.932228	56739.65	56230.3	19.67	56759.32	56754.25781	56775.60163	56765.03906	504971.6	5411108.8
L4970.0	504971.6	5411107.5	41304.89844	426.91	0	48.852915	-86.932228	56739.52	56230.3	19.67	56759.20	56754.16016	56776.52941	56765.88672	504971.6	5411107.5
L4970.0	504971.6	5411105.9	41304.89844	424.98	0	48.852901	-86.932228	56739.57	56230.3	19.67	56759.25	56754.23438	56781.46098	56770.74219	504971.6	5411105.9
L4970.0	504971.6	5411105.9	41305.00000	423.98	0	48.852901	-86.932228	56739.86	56230.3	19.68	56759.54	56754.54688	56792.02592	56781.23438	504971.6	5411105.9
L4970.0	504971.6	5411104.5	41305.19922	427.28	0	48.852888	-86.932228	56739.79	56230.3	19.69	56759.49	56754.51953	56794.83163	56783.97266	504971.6	5411104.5
L4970.0	504971.6	5411102.9	41305.30078	427.28	0	48.852874	-86.932227	56739.65	56230.3	19.70	56759.35	56754.40625	56795.66797	56784.74609	504971.6	5411102.9
L4970.0	504971.7	5411101.6	41305.39844	424.78	0	48.852862	-86.932227	56739.70	56230.3	19.70	56759.41	56754.48828	56801.24937	56790.27344	504971.7	5411101.6
L4970.0	504971.7	5411101.6	41305.50000	424.78	0	48.852862	-86.932227	56739.47	56230.3	19.71	56759.18	56754.28516	56800.26352	56789.23438	504971.7	5411101.6
L4970.0	504971.7	5411100.4	41305.60156	426.12	0	48.852851	-86.932227	56739.87	56230.3	19.72	56759.59	56754.72266	56814.21622	56803.14453	504971.7	5411100.4
L4970.0	504971.7	5411100.4	41305.69922	426.12	0	48.852851	-86.932227	56739.83	56230.3	19.72	56759.55	56754.71094	56817.92852	56806.81641	504971.7	5411100.4
L4970.0	504971.7	5411098.7	41305.80078	426.21	0	48.852836	-86.932226	56740.06	56230.3	19.73	56759.79	56754.98047	56828.28401	56817.13672	504971.7	5411098.7
L4970.0	504971.7	5411097.4	41305.89844	427.08	0	48.852824	-86.932226	56739.83	56230.3	19.73	56759.57	56754.78906	56828.19274	56817.01953	504971.7	5411097.4
L4970.0	504971.7	5411096.1	41306.00000	425.31	0	48.852813	-86.932226	56739.57	56230.3	19.74	56759.31	56754.55859	56827.37380	56816.17969	504971.7	5411096.1
L4970.0	504971.7	5411096.1	41306.10156	425.31	0	48.852813	-86.932226	56739.08	56230.3	19.74	56758.82	56754.09766	56821.44838	56810.24219	504971.7	5411096.1
L4970.0	504971.7	5411094.6	41306.19922	424.80	0	48.852799	-86.932226	56739.21	56230.3	19.74	56758.95	56754.26172	56830.07335	56818.85938	504971.7	5411094.6
L4970.0	504971.7	5411093.1	41306.30078	425.72	0	48.852786	-86.932226	56739.14	56230.3	19.74	56758.88	56754.22266	56834.30967	56823.09375	504971.7	5411093.1
L4970.0	504971.7	5411093.1	41306.39844	426.53	0	48.852786	-86.932226	56739.05	56230.3	19.74	56758.79	56754.16797	56838.32948	56827.11719	504971.7	5411093.1
L4970.0	504971.7	5411091.7	41306.50000	425.33	0	48.852773	-86.932226	56738.59	56230.3	19.74	56758.33	56753.74219	56834.05584	56822.85938	504971.7	5411091.7
L4970.0	504971.7	5411090.1	41306.60156	425.72	0	48.852759	-86.932226	56738.12	56230.3	19.74	56757.86	56753.30469	56829.82067	56818.64063	504971.7	5411090.1
L4970.0	504971.7	5411089.0	41306.69922	425.44	0	48.852749	-86.932227	56738.16	56230.3	19.74	56757.90	56753.38281	56837.65353	56826.50391	504971.7	5411089.0

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4970.0	504971.7	5411089.0	41306.80078	422.89	0	48.852749	-86.932227	56738.10	56230.3	19.74	56757.84	56753.35938	56843.46809	56832.35156	504971.7	5411089.0
L4970.0	504971.7	5411086.9	41306.89844	422.89	0	48.852730	-86.932227	56738.32	56230.3	19.74	56758.06	56753.61719	56856.05796	56844.98438	504971.7	5411086.9
L4970.0	504971.7	5411085.5	41306.89844	422.93	0	48.852718	-86.932227	56738.13	56230.3	19.74	56757.87	56753.46484	56859.48749	56848.46094	504971.7	5411085.5
L4970.0	504971.7	5411084.2	41307.00000	423.46	0	48.852705	-86.932227	56737.82	56230.3	19.74	56757.56	56753.19531	56860.46982	56849.50000	504971.7	5411084.2
L4970.0	504971.7	5411084.2	41307.19922	424.03	0	48.852705	-86.932227	56737.62	56230.3	19.75	56757.37	56753.04688	56864.56227	56853.65625	504971.7	5411084.2
L4970.0	504971.7	5411082.8	41307.30078	424.57	0	48.852693	-86.932227	56737.36	56230.2	19.75	56757.11	56752.82813	56867.38404	56856.55078	504971.7	5411082.8
L4970.0	504971.7	5411081.2	41307.39844	423.46	0	48.852679	-86.932227	56736.84	56230.2	19.76	56756.60	56752.35938	56864.78515	56854.03125	504971.7	5411081.2
L4970.0	504971.6	5411079.7	41307.50000	425.53	0	48.852666	-86.932228	56736.63	56230.2	19.76	56756.39	56752.19141	56869.48653	56858.82031	504971.6	5411079.7
L4970.0	504971.6	5411079.7	41307.60156	424.96	0	48.852666	-86.932228	56736.28	56230.2	19.77	56756.05	56751.89844	56871.55971	56860.98828	504971.6	5411079.7
L4970.0	504971.6	5411078.5	41307.69922	424.07	0	48.852655	-86.932228	56736.20	56230.2	19.78	56755.98	56751.87109	56880.25825	56869.78906	504971.6	5411078.5
L4970.0	504971.6	5411076.8	41307.80078	422.13	0	48.852639	-86.932228	56735.50	56230.2	19.78	56755.28	56751.21875	56874.79066	56864.43359	504971.6	5411076.8
L4970.0	504971.6	5411075.2	41307.89844	423.75	0	48.852624	-86.932228	56735.27	56230.2	19.79	56755.05	56751.03516	56880.58761	56870.34766	504971.6	5411075.2
L4970.0	504971.6	5411075.2	41308.00000	424.79	0	48.852624	-86.932228	56734.84	56230.2	19.79	56754.63	56750.66016	56882.40354	56872.28906	504971.6	5411075.2
L4970.0	504971.6	5411073.9	41308.10156	423.95	0	48.852613	-86.932229	56734.16	56230.2	19.79	56753.95	56750.03125	56878.62810	56868.64844	504971.6	5411073.9
L4970.0	504971.6	5411073.9	41308.19922	423.37	0	48.852613	-86.932229	56733.42	56230.2	19.79	56753.21	56749.33984	56873.89056	56864.05469	504971.6	5411073.9
L4970.0	504971.6	5411072.2	41308.30078	423.55	0	48.852598	-86.932229	56733.11	56230.2	19.79	56752.89	56749.07031	56879.29089	56869.60547	504971.6	5411072.2
L4970.0	504971.6	5411070.6	41308.39844	425.54	0	48.852583	-86.932229	56732.91	56230.2	19.79	56752.69	56748.91797	56887.90179	56878.37109	504971.6	5411070.6
L4970.0	504971.5	5411069.3	41308.50000	425.54	0	48.852571	-86.932229	56732.16	56230.2	19.79	56751.94	56748.21875	56884.24434	56874.87891	504971.5	5411069.3
L4970.0	504971.5	5411069.3	41308.60156	426.79	0	48.852571	-86.932229	56731.74	56230.2	19.78	56751.53	56747.86328	56888.89269	56879.69922	504971.5	5411069.3
L4970.0	504971.5	5411067.9	41308.69922	424.50	0	48.852559	-86.932229	56731.02	56230.2	19.78	56750.81	56747.19531	56886.82913	56877.81641	504971.5	5411067.9
L4970.0	504971.6	5411066.1	41308.80078	424.20	0	48.852543	-86.932229	56730.78	56230.2	19.78	56750.56	56747.00000	56896.08456	56887.26172	504971.6	5411066.1
L4970.0	504971.6	5411064.8	41308.89844	424.46	0	48.852531	-86.932229	56730.00	56230.2	19.78	56749.78	56746.27344	56893.55130	56884.92188	504971.6	5411064.8
L4970.0	504971.6	5411064.8	41308.89844	425.76	0	48.852531	-86.932229	56729.53	56230.2	19.78	56749.31	56745.85938	56898.64587	56890.21875	504971.6	5411064.8
L4970.0	504971.6	5411063.5	41309.00000	424.99	0	48.852519	-86.932229	56728.76	56230.2	19.78	56748.54	56745.14453	56897.27292	56889.05469	504971.6	5411063.5
L4970.0	504971.6	5411062.1	41309.19922	425.63	0	48.852507	-86.932229	56727.94	56230.2	19.77	56747.71	56744.37109	56894.98112	56886.98047	504971.6	5411062.1
L4970.0	504971.6	5411062.1	41309.30078	426.33	0	48.852507	-86.932229	56727.03	56230.2	19.76	56746.79	56743.50781	56891.07856	56883.30078	504971.6	5411062.1
L4970.0	504971.6	5411061.0	41309.39844	426.14	0	48.852497	-86.932229	56726.23	56230.2	19.76	56745.99	56742.76563	56890.41947	56882.87500	504971.6	5411061.0
L4970.0	504971.6	5411059.4	41309.50000	426.14	0	48.852483	-86.932229	56725.16	56230.3	19.75	56744.91	56741.74609	56883.75966	56876.44922	504971.6	5411059.4
L4970.0	504971.6	5411058.3	41309.60156	426.21	0	48.852472	-86.932229	56724.24	56230.3	19.74	56743.99	56740.88281	56881.26782	56874.20313	504971.6	5411058.3
L4970.0	504971.6	5411058.3	41309.69922	426.18	0	48.852472	-86.932229	56723.50	56230.3	19.74	56743.24	56740.19141	56883.17425	56876.35938	504971.6	5411058.3
L4970.0	504971.6	5411056.8	41309.80078	427.39	0	48.852459	-86.932229	56722.63	56230.3	19.73	56742.37	56739.38281	56882.77531	56876.21875	504971.6	5411056.8
L4970.0	504971.6	5411055.1	41309.89844	427.95	0	48.852444	-86.932229	56721.91	56230.3	19.73	56741.64	56738.71484	56886.07797	56879.78516	504971.6	5411055.1
L4970.0	504971.5	5411053.7	41310.00000	428.22	0	48.852431	-86.932229	56720.80	56230.3	19.72	56740.52	56737.65625	56880.83077	56874.80859	504971.5	5411053.7
L4970.0	504971.5	5411052.4	41310.10156	428.22	0	48.852419	-86.932229	56719.88	56230.3	19.72	56739.60	56736.79688	56880.66629	56874.91797	504971.5	5411052.4
L4970.0	504971.5	5411052.4	41310.19922	429.38	0	48.852419	-86.932229	56718.56	56230.3	19.72	56738.28	56735.53906	56871.71414	56866.24609	504971.5	5411052.4
L4970.0	504971.5	5411050.4	41310.30078	430.49	0	48.852402	-86.932230	56717.78	56230.3	19.72	56737.50	56734.82031	56875.69475	56870.51563	504971.5	5411050.4
L4970.0	504971.5	5411050.4	41310.39844	428.81	0	48.852402	-86.932230	56716.50	56230.3	19.72	56736.22	56733.60156	56868.56768	56863.67969	504971.5	5411050.4
L4970.0	504971.5	5411049.4	41310.50000	428.05	0	48.852393	-86.932230	56715.34	56230.3	19.72	56735.06	56732.50781	56864.65667	56860.06641	504971.5	5411049.4
L4970.0	504971.5	5411048.0	41310.60156	426.06	0	48.852380	-86.932230	56714.06	56230.3	19.72	56733.78	56731.28906	56858.40922	56854.12109	504971.5	5411048.0
L4970.0	504971.5	5411046.7	41310.69922	425.23	0	48.852368	-86.932230	56712.89	56230.3	19.72	56732.61	56730.18359	56855.13462	56851.15234	504971.5	5411046.7
L4970.0	504971.5	5411044.8	41310.80078	426.01	0	48.852351	-86.932230	56712.02	56230.3	19.72	56731.74	56729.37891	56859.21720	56855.54688	504971.5	5411044.8
L4970.0	504971.5	5411043.4	41310.89844	427.06	0	48.852338	-86.932230	56710.79	56230.3	19.72	56730.51	56728.21094	56855.39619	56852.04297	504971.5	5411043.4
L4970.0	504971.5	5411043.4	41310.89844	425.96	0	48.852338	-86.932230	56709.67	56230.3	19.72	56729.39	56727.15625	56854.52608	56851.49219	504971.5	5411043.4
L4970.0	504971.5	5411041.7	41311.00000	424.02	0	48.852323	-86.932231	56708.21	56230.3	19.72	56727.93	56725.76172	56846.19851	56843.48828	504971.5	5411041.7
L4970.0	504971.5	5411040.2	41311.19922	424.74	0	48.852310	-86.932231	56706.98	56230.3	19.72	56726.70	56724.59766	56843.57814	56841.19922	504971.5	5411040.2
L4970.0	504971.5	5411038.8	41311.30078	425.33	0	48.852297	-86.932231	56705.14	56230.3	19.72	56724.85	56722.81250	56827.01119	56824.96094	504971.5	5411038.8
L4970.0	504971.5	5411038.8	41311.39844	424.20	0	48.852297	-86.932231	56703.90	56230.3	19.72	56723.62	56721.64844	56825.14599	56823.43359	504971.5	5411038.8
L4970.0	504971.5	5411036.9	41311.50000	422.93	0	48.852280	-86.932231	56702.14	56230.3	19.72	56721.85	56719.94531	56811.16340	56809.78516	504971.5	5411036.9
L4970.0	504971.5	5411036.9	41311.60156	423.04	0	48.852280	-86.932231	56701.18	56230.3	19.71	56720.89	56719.05078	56816.25315	56815.21875	504971.5	5411036.9
L4970.0	504971.4	5411035.3	41311.69922	423.04	0	48.852266	-86.932231	56699.82	56230.3	19.71	56719.53	56717.75391	56812.43976	56811.74609	504971.4	5411035.3
L4970.0	504971.4	5411033.9	41311.80078	424.17	0	48.852253	-86.932231	56698.43	56230.3	19.71	56718.14	56716.42969	56808.26316	56807.91797	504971.4	5411033.9
L4970.0	504971.4	5411032.5	41311.89844	426.29	0	48.852241	-86.932231	56696.96	56230.3	19.71	56716.68	56715.03516	56802.78731	56802.78906	504971.4	5411032.5
L4970.0	504971.4	5411032.5	41312.00000	426.81	0	48.852241	-86.932231	56695.60	56230.3	19.71	56715.31	56713.73047	56799.69810	56800.04688	504971.4	5411032.5
L4970.0	504971.4	5411030.6	41312.10156	426.67	0	48.852224	-86.932232	56694.43	56230.3	19.71	56714.14	56712.62891	56801.52552	56802.22656	504971.4	5411030.6
L4970.0	504971.4	5411029.3	41312.19922	424.87	0	48.852212	-86.932232	56692.68	56230.3	19.70	56712.38	56710.93359	56789.99913	56791.05469	504971.4	5411029.3
L4970.0	504971.4	5411029.3	41312.30078	426.13	0	48.852212	-86.932232	56691.14	56230.3	19.69	56710.84	56709.45703	56783.82626	56785.23438	504971.4	5411029.3
L4970.0	504971.4	5411027.7	41312.39844	426.48	0	48.852197	-86.932232	56689.43	56230.3	19.69	56709.12	56707.80469	56773.74932	56775.51172	504971.4	5411027.7
L4970.0	504971.3	5411026.3	41312.50000	426.78	0	48.852185	-86.932233	56688.54	56230.3	19.68	56708.22	56706.96875	56782.86626	56784.98438	504971.3	5411026.3
L4970.0	504971.3	5411026.3	41312.60156	426.24	0	48.852185	-86.932233	56686.78	56230.3	19.68	56706.46	56705.27344	56772.33665	56774.80859	504971.3	5411026.3
L4970.0	504971.3	5411024.6	41312.69922	424.73	0	48.852169	-86.932234	56685.34	56230.3	19.68	56705.02	56703.89844	56769.41803	56772.24609	504971.3	5411024.6
L4970.0	504971.2	5411022.9	41312.80078	424.83	0	48.852154	-86.932235	56683.64	56230.3	19.67	56703.31	56702.25391	56760.46088	56763.64453	504971.2	5411022.9
L4970.0	504971.1	5411021.4	41312.89844	422.38	0	48.852141	-86.932235	56682.25	56230.3	19.67	56701.92	56700.92578	56759.08679	56762.62500	504971.1	5411021.4
L4970.0	504971.1	5411021.4	41312.89844	422.71	0	48.852141	-86.932235	56680.70	56230.3	19.67	56700.37	56699.44141	56754.18816	56758.07813	504971.1	5411021.4
L4970.0	504971.1	5411020.2	41313.00000	423.38	0	48.852130	-86.932236	56679.27	56230.3	19.66	56698.93	56698.06250	56751.99073	56756.23438	504971.1	5411020.2
L4970.0	504971.0	5411018.5	41313.19922	424.91	0	48.852115	-86.932237	56677.38	56230.3	19.65	56697.04	56696.23828	56739.53782	56744.13281	504971.0	5411018.5
L4970.0	504971.0	5411017.2	41313.30078	424.38	0	48.852103	-86.932237	56675.81	56230.3	19.65	56695.46	56694.71875	56734.37952	56739.32031	504971.0	5411017.2
L4970.0	504971.0	5411017.2	41313.39844	424.20	0	48.852103	-86.932237	56674.02	56230.4	19.65	56693.66	56692.98047	56724.25235	56729.54297	504971.0	5411017.2
L4970.0	504970.9	5411015.4	41313.50000	424.66	0	48.852087	-86.932238	56672.26	56230.4	19.65	56691.90	56691.28516	56715.15069	56720.78516	504970.9	5411015.4
L4970.0	504970.9	5411014.1	41313.60156	425.46	0	48.852075	-86.932239	56671.16	56230.4	19.64	56690.80	56690.24609	56721.38900	56727.36719	504970.9	5411014.1
L4970.0	504970.9	5411012.7	41313.69922	426.30	0	48.852062	-86.932239	56669.35	56230.4	19.64	56688.99	56688.49609	56711.29030	56717.60547	504970.9	5411012.7
L4970.0	504970.9	5411012.7	41313.80078	428.04	0	48.852062	-86.932239	56667.73	56230.4	19.64	56687.37	56686.93750	56705.64022	56712.29297	504970.9	5411012.7
L4970.0	504970.8	5411011.4	41313.89844	428.73	0	48.852050	-86.932240	56665.82	56230.4	19.63	56685.46	56685.08594	56693.33089	56700.31641	504970.8	5411011.4
L4970.0	504970.8	5411009.6	41314.00000	430.86	0	48.852035	-86.932241	56664.35	56230.4	19.63	56683.98	56683.66797	56690.98806	56698.30078	504970.8	5411009.6
L4970.0	504970.8	5411009.6	41314.10156	429.89	0	48.852035	-86.932241	56662.61	56230.4	19.63	56682.24	56681.98438	56682.65063	56690.28906	504970.8	5411009.6
L4970.0	504970.7	5411008.2	41314.19922	430.75	0	48.852022	-86.932241	56661.21	56230.4	19.63	56680.83	56680.63281	56681.94008	56689.89844	504970.7	5411008.2
L4970.0	504970.7	5411006.9	41314.30078	429.86	0	48.852011	-86.932242	56659.52	56230.4	19.62	56679.14	56679.00000	56674.74446	56683.01953	504970.7	5411006.9
L4970.0	504970.7	5411006.9	41314.39844	427.24	0	48.852011	-86.932242	56658.12	56230.4	19.62	56677.74	56677.66016	56674.22327	56682.80469	504970.7	5411006.9
L4970.0	504970.6	5411005.4	41314.50000	427.00	0	48.851997	-86.932243	56656.73	56230.4	19.62	56676.35	56676.32422	56673.89158	56682.78125	504970.6	5411005.4
L4970.0	504970.6	5411004.0	41314.60156	427.41	0	48.851984	-86.932243	56655.18	56230.4	19.62	56674.80	56674.83203	56669.80688	56678.99609	504970.6	5411004.0
L4970.0	504970.6	5411004.0	41314.69922	424.92	0	48.851984	-86.932243	56653.62	56230.4	19.62	56673.24	56673.32813	56665.42246	56674.90234	504970.6	5411004.0
L4970.0	504970.5	5411002.0	41314.80078	425.43	0	48.851966	-86.932244	56652.04	56230.4	19.61	56671.66	56671.80078	56660.49401	56670.26172	504970.5	5411002.0
L4970.0	504970.5	5411000.9	41314.89844	427.53	0	48.851957	-86.932245	56650.64	56230.4	19.61	56670.25	56670.44531	56659.39968	56669.44922	504970.5	5411000.9
L4970.0	504970.5	5411000.9	41314.89844	425.48	0	48.851957	-86.932245	56648.93	56230.4	19.61	56668.54	56668.78906	56651.26443	56661.58594	504970.5	5411000.9
L4970.0	504970.4	5410999.7	41315.00000	424.50	0	48.851946	-86.932245	56647.12	56230.4	19.61	56666.73	56667.03125	56640.69800	56651.28516	504970.4	5410999.7
L4970.0	504970.4	5410998.1	41315.19922	423.81	0	48.851931	-86.932246	56645.58	56230.4	19.60	56665.19	56665.54297	56636.23930	56647.08594	504970.4	5410998.1
L4970.0	504970.4	5410996.8	41315.30078	424.53	0	48.851920	-86.932246	56644.25	56230.4	19.60	56663.86	56664.26172	56636.48969	56647.58594	504970.4	5410996.8
L4970.0	504970.4	5410996.8	41315.39844	426.64	0	48.851920	-86.932246	56642.79	56230.4	19.60	56662.38	56662.83203	56633.11740	56644.45703	504970.4	5410996.8
L4970.0	504970.3	5410994.9	41315.50000	424.65	0	48.851903	-86.932246	56641.42	56230.4	19.60	56661.01	56661.51172	56632.11993	56643.69531	504970.3	5410994.9
L4970.0	504970.3	5410994.9	41315.60156	425.62	0	48.851903	-86.932246	56639.97	56230.4	19.59	56659.56	56660.10938	56629.09504	56640.89844	504970.3	5410994.9
L4970.0	504970.3	5410993.5	41315.69922	427.55	0	48.851890	-86.932247	56638.55	56230.4	19.59	56658.14	56658.73828	56626.57415	56638.59375	504970.3	5410993.5
L4970.0	504970.3	5410993.5	41315.80078	430.91	0	48.851890	-86.932247	56637.16	56230.4	19.59	56656.75	56657.39453	56624.54675	56636.77734	504970.3	5410993.5
L4970.0	504970.3	5410992.0	41315.89844	429.14	0	48.851876	-86.932247	56635.71	56230.4	19.58	56655.30	56655.99219	56620.92267	56633.35156	504970.3	5410992.0
L4970.0	504970.3	5410991.0	41316.00000	426.94	0	48.851867	-86.932248	56634.48	56230.4	19.58	56654.06	56654.79688	56621.93208	56634.55078	504970.3	5410991.0

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4970.0	504970.2	5410989.6	41316.10156	426.38	0	48.851855	-86.932248	56632.82	56230.4	19.58	56652.40	56653.17969	56613.00536	56625.80469	504970.2	5410989.6
L4970.0	504970.2	5410989.6	41316.19922	426.30	0	48.851855	-86.932248	56631.45	56230.4	19.57	56651.02	56651.84375	56610.31124	56623.28125	504970.2	5410989.6
L4970.0	504970.2	5410987.8	41316.30078	425.49	0	48.851839	-86.932248	56629.89	56230.4	19.57	56649.47	56650.33594	56603.44078	56616.57031	504970.2	5410987.8
L4970.0	504970.2	5410986.4	41316.39844	423.76	0	48.851826	-86.932249	56628.82	56230.4	19.57	56648.39	56649.29688	56607.17671	56620.45703	504970.2	5410986.4
L4970.0	504970.2	5410986.4	41316.50000	424.77	0	48.851826	-86.932249	56627.52	56230.4	19.57	56647.08	56648.02734	56605.33299	56618.75000	504970.2	5410986.4
L4970.0	504970.2	5410985.2	41316.60156	424.65	0	48.851815	-86.932249	56626.16	56230.4	19.56	56645.73	56646.71875	56602.29295	56615.83984	504970.2	5410985.2
L4970.0	504970.2	5410984.1	41316.69922	425.46	0	48.851805	-86.932249	56624.92	56230.4	19.56	56644.48	56645.50781	56601.28473	56614.94922	504970.2	5410984.1
L4970.0	504970.2	5410984.1	41316.80078	424.70	0	48.851805	-86.932249	56623.96	56230.4	19.56	56643.52	56644.58594	56606.69237	56620.46094	504970.2	5410984.1
L4970.0	504970.2	5410982.4	41316.89844	426.10	0	48.851790	-86.932249	56622.55	56230.4	19.55	56642.10	56643.20313	56601.17566	56615.03906	504970.2	5410982.4
L4970.0	504970.2	5410981.4	41316.89844	425.47	0	48.851781	-86.932249	56621.26	56230.4	19.55	56640.81	56641.94922	56598.36386	56612.31250	504970.2	5410981.4
L4970.0	504970.2	5410979.9	41317.00000	427.05	0	48.851767	-86.932249	56619.88	56230.4	19.55	56639.43	56640.60547	56593.16644	56607.18750	504970.2	5410979.9
L4970.0	504970.2	5410978.4	41317.19922	427.40	0	48.851754	-86.932249	56618.59	56230.4	19.55	56638.14	56639.35156	56589.73773	56603.82031	504970.2	5410978.4
L4970.0	504970.2	5410978.4	41317.30078	428.16	0	48.851754	-86.932249	56617.34	56230.4	19.55	56636.89	56638.13281	56586.91679	56601.04688	504970.2	5410978.4
L4970.0	504970.2	5410977.5	41317.39844	427.36	0	48.851746	-86.932249	56616.23	56230.4	19.55	56635.78	56637.05859	56587.00976	56601.17578	504970.2	5410977.5
L4970.0	504970.2	5410976.1	41317.50000	425.68	0	48.851733	-86.932249	56615.20	56230.4	19.55	56634.75	56636.05859	56588.62527	56602.81641	504970.2	5410976.1
L4970.0	504970.2	5410976.1	41317.60156	425.40	0	48.851733	-86.932249	56614.12	56230.4	19.55	56633.67	56635.01172	56588.75452	56602.95703	504970.2	5410976.1
L4970.0	504970.2	5410975.0	41317.69922	428.01	0	48.851724	-86.932249	56613.02	56230.4	19.55	56632.57	56633.94141	56588.08685	56602.28906	504970.2	5410975.0
L4970.0	504970.2	5410975.0	41317.80078	428.02	0	48.851724	-86.932249	56612.00	56230.4	19.55	56631.55	56632.94922	56588.92970	56603.12109	504970.2	5410975.0
L4970.0	504970.2	5410973.8	41317.89844	426.06	0	48.851713	-86.932249	56610.90	56230.4	19.55	56630.45	56631.87891	56587.58190	56601.74609	504970.2	5410973.8
L4970.0	504970.2	5410972.6	41318.00000	424.86	0	48.851702	-86.932249	56609.73	56230.4	19.55	56629.28	56630.73828	56584.27154	56598.39844	504970.2	5410972.6
L4970.0	504970.2	5410971.5	41318.10156	423.91	0	48.851692	-86.932249	56608.73	56230.5	19.55	56628.28	56629.76563	56584.54257	56598.62109	504970.2	5410971.5
L4970.0	504970.2	5410971.5	41318.19922	423.75	0	48.851692	-86.932249	56607.94	56230.5	19.54	56627.48	56628.98828	56589.08591	56603.10156	504970.2	5410971.5
L4970.0	504970.2	5410970.3	41318.30078	425.02	0	48.851681	-86.932248	56606.98	56230.5	19.54	56626.52	56628.05469	56589.57939	56603.51953	504970.2	5410970.3
L4970.0	504970.2	5410969.0	41318.39844	424.57	0	48.851670	-86.932248	56606.00	56230.5	19.54	56625.54	56627.10156	56589.25674	56603.11328	504970.2	5410969.0
L4970.0	504970.2	5410969.0	41318.50000	426.15	0	48.851670	-86.932248	56604.88	56230.5	19.53	56624.41	56625.99219	56585.11196	56598.86719	504970.2	5410969.0
L4970.0	504970.2	5410968.1	41318.60156	422.98	0	48.851661	-86.932248	56603.96	56230.5	19.53	56623.49	56625.09766	56585.46383	56599.10547	504970.2	5410968.1
L4970.0	504970.2	5410968.1	41318.69922	422.62	0	48.851661	-86.932248	56602.96	56230.5	19.53	56622.49	56624.11719	56583.60909	56597.12891	504970.2	5410968.1
L4970.0	504970.2	5410967.0	41318.80078	422.71	0	48.851651	-86.932248	56602.10	56230.5	19.53	56621.62	56623.26953	56584.40039	56597.78125	504970.2	5410967.0
L4970.0	504970.2	5410966.1	41318.89844	423.11	0	48.851643	-86.932248	56601.08	56230.5	19.52	56620.60	56622.26953	56581.36609	56594.59766	504970.2	5410966.1
L4970.0	504970.2	5410965.2	41318.89844	423.87	0	48.851635	-86.932249	56600.18	56230.5	19.52	56619.71	56621.40234	56580.97713	56594.04688	504970.2	5410965.2
L4970.0	504970.2	5410964.1	41319.00000	423.09	0	48.851626	-86.932249	56599.21	56230.5	19.52	56618.73	56620.44141	56578.14908	56591.04688	504970.2	5410964.1
L4970.0	504970.2	5410964.1	41319.19922	421.80	0	48.851626	-86.932249	56598.66	56230.5	19.53	56618.19	56619.91797	56585.13116	56597.83984	504970.2	5410964.1
L4970.0	504970.2	5410963.0	41319.30078	421.62	0	48.851615	-86.932249	56597.81	56230.5	19.53	56617.34	56619.08594	56584.59043	56597.10156	504970.2	5410963.0
L4970.0	504970.2	5410963.0	41319.39844	423.62	0	48.851615	-86.932249	56596.95	56230.5	19.54	56616.49	56618.25391	56583.69209	56595.99219	504970.2	5410963.0
L4970.0	504970.2	5410961.8	41319.50000	424.68	0	48.851605	-86.932249	56595.94	56230.5	19.54	56615.48	56617.26172	56578.73930	56590.82031	504970.2	5410961.8
L4970.0	504970.2	5410961.0	41319.60156	425.38	0	48.851597	-86.932249	56595.21	56230.5	19.54	56614.75	56616.54688	56579.90214	56591.75000	504970.2	5410961.0
L4970.0	504970.2	5410961.0	41319.69922	425.38	0	48.851597	-86.932249	56594.62	56230.5	19.55	56614.17	56615.98438	56584.17753	56595.77734	504970.2	5410961.0
L4970.0	504970.2	5410960.1	41319.80078	423.19	0	48.851589	-86.932249	56593.83	56230.4	19.55	56613.38	56615.20703	56583.24693	56594.58984	504970.2	5410960.1
L4970.0	504970.2	5410960.1	41319.89844	421.53	0	48.851589	-86.932249	56592.91	56230.4	19.56	56612.47	56614.31250	56579.19213	56590.26953	504970.2	5410960.1
L4970.0	504970.2	5410959.0	41320.00000	422.66	0	48.851579	-86.932249	56592.09	56230.4	19.56	56611.65	56613.50391	56576.86839	56587.66797	504970.2	5410959.0
L4970.0	504970.2	5410958.3	41320.10156	426.29	0	48.851573	-86.932249	56591.54	56230.4	19.56	56611.10	56612.96875	56580.43787	56590.94531	504970.2	5410958.3
L4970.0	504970.2	5410957.5	41320.19922	424.57	0	48.851566	-86.932249	56590.66	56230.4	19.56	56610.23	56612.11328	56576.26718	56586.47266	504970.2	5410957.5
L4970.0	504970.2	5410957.5	41320.30078	424.82	0	48.851566	-86.932249	56590.15	56230.4	19.56	56609.71	56611.60547	56579.84331	56589.73828	504970.2	5410957.5
L4970.0	504970.2	5410956.5	41320.39844	426.67	0	48.851557	-86.932249	56589.32	56230.4	19.56	56608.88	56610.78516	56575.91544	56585.48828	504970.2	5410956.5
L4970.0	504970.2	5410955.7	41320.50000	427.30	0	48.851550	-86.932249	56588.70	56230.4	19.57	56608.26	56610.17578	56576.50417	56585.74609	504970.2	5410955.7
L4970.0	504970.2	5410954.9	41320.60156	425.73	0	48.851543	-86.932249	56587.99	56230.4	19.57	56607.55	56609.47656	56574.67904	56583.58203	504970.2	5410954.9
L4970.0	504970.2	5410954.9	41320.69922	424.47	0	48.851543	-86.932249	56587.47	56230.4	19.57	56607.04	56608.97656	56577.14537	56585.69531	504970.2	5410954.9
L4970.0	504970.2	5410953.9	41320.80078	422.75	0	48.851533	-86.932249	56586.69	56230.4	19.57	56606.26	56608.20703	56573.04405	56581.23438	504970.2	5410953.9
L4970.0	504970.2	5410953.2	41320.89844	422.99	0	48.851527	-86.932249	56586.20	56230.4	19.57	56605.77	56607.72656	56575.32072	56583.14063	504970.2	5410953.2
L4970.0	504970.2	5410953.2	41320.89844	419.65	0	48.851527	-86.932249	56585.92	56230.4	19.57	56605.49	56607.45703	56582.12996	56589.57422	504970.2	5410953.2
L4970.0	504970.2	5410952.3	41321.00000	420.90	0	48.851519	-86.932249	56585.10	56230.4	19.57	56604.67	56606.64453	56576.14188	56583.19922	504970.2	5410952.3
L4970.0	504970.2	5410951.6	41321.19922	425.95	0	48.851513	-86.932249	56584.29	56230.4	19.58	56603.86	56605.84375	56570.07141	56576.73438	504970.2	5410951.6
L4970.0	504970.2	5410950.8	41321.30078	424.57	0	48.851506	-86.932249	56583.67	56230.4	19.58	56603.25	56605.24219	56568.31351	56574.57031	504970.2	5410950.8
L4970.0	504970.2	5410950.8	41321.39844	426.33	0	48.851506	-86.932249	56583.29	56230.4	19.58	56602.87	56604.87109	56571.56547	56577.41406	504970.2	5410950.8
L4970.0	504970.2	5410950.1	41321.50000	425.52	0	48.851500	-86.932249	56582.98	56230.4	19.58	56602.57	56604.57813	56576.36467	56581.79297	504970.2	5410950.1
L4970.0	504970.2	5410949.6	41321.60156	426.24	0	48.851495	-86.932249	56582.65	56230.4	19.59	56602.24	56604.25781	56580.17304	56585.17969	504970.2	5410949.6
L4970.0	504970.2	5410948.9	41321.69922	422.69	0	48.851488	-86.932249	56582.25	56230.4	19.59	56601.84	56603.86719	56582.07040	56586.64453	504970.2	5410948.9
L4970.0	504970.2	5410948.9	41321.80078	421.44	0	48.851488	-86.932249	56581.61	56230.4	19.59	56601.20	56603.23438	56578.13223	56582.26563	504970.2	5410948.9
L4970.0	504970.2	5410948.3	41321.89844	425.05	0	48.851483	-86.932249	56580.76	56230.4	19.60	56600.36	56602.39844	56569.28746	56572.98047	504970.2	5410948.3
L4970.0	504970.2	5410947.6	41322.00000	424.97	0	48.851477	-86.932250	56580.23	56230.4	19.60	56599.83	56601.87891	56567.32743	56570.57031	504970.2	5410947.6
L4970.0	504970.1	5410947.0	41322.10156	425.62	0	48.851471	-86.932250	56579.82	56230.4	19.60	56599.42	56601.47656	56567.86567	56570.65234	504970.1	5410947.0
L4970.0	504970.1	5410947.0	41322.19922	426.17	0	48.851471	-86.932250	56579.41	56230.4	19.61	56599.02	56601.08203	56568.36474	56570.69141	504970.1	5410947.0
L4970.0	504970.1	5410946.2	41322.30078	427.21	0	48.851465	-86.932250	56579.16	56230.4	19.61	56598.77	56600.83984	56572.06507	56573.92969	504970.1	5410946.2
L4970.0	504970.1	5410945.6	41322.39844	429.19	0	48.851459	-86.932250	56578.68	56230.4	19.62	56598.30	56600.37500	56570.42046	56571.81641	504970.1	5410945.6
L4970.0	504970.1	5410945.6	41322.50000	430.48	0	48.851459	-86.932250	56578.08	56230.4	19.63	56597.70	56599.78516	56565.51597	56566.43750	504970.1	5410945.6
L4970.0	504970.1	5410944.9	41322.60156	430.39	0	48.851452	-86.932250	56577.32	56230.4	19.63	56596.95	56599.04297	56556.89452	56557.33984	504970.1	5410944.9
L4970.0	504970.1	5410944.9	41322.69922	431.56	0	48.851452	-86.932250	56576.73	56230.4	19.64	56596.36	56598.45703	56551.72583	56551.69531	504970.1	5410944.9
L4970.0	504970.1	5410944.2	41322.80078	433.48	0	48.851447	-86.932251	56576.40	56230.4	19.64	56596.04	56598.14844	56552.55744	56552.04297	504970.1	5410944.2
L4970.0	504970.1	5410943.5	41322.89844	434.15	0	48.851440	-86.932251	56576.20	56230.4	19.65	56595.84	56597.95313	56555.92806	56554.92969	504970.1	5410943.5
L4970.0	504970.1	5410943.5	41322.89844	433.47	0	48.851440	-86.932251	56575.71	56230.4	19.65	56595.36	56597.48047	56552.59864	56551.11328	504970.1	5410943.5
L4970.0	504970.1	5410943.0	41323.00000	431.16	0	48.851436	-86.932251	56575.68	56230.3	19.65	56595.33	56597.46094	56559.44596	56557.47266	504970.1	5410943.0
L4970.0	504970.0	5410942.5	41323.19922	429.13	0	48.851431	-86.932251	56575.33	56230.3	19.65	56594.98	56597.11719	56558.67996	56556.21875	504970.0	5410942.5
L4970.0	504970.0	5410942.1	41323.30078	429.14	0	48.851427	-86.932251	56575.33	56230.3	19.66	56594.98	56597.12891	56565.79090	56562.83984	504970.0	5410942.1
L4970.0	504970.0	5410942.1	41323.39844	427.49	0	48.851427	-86.932251	56575.20	56230.3	19.66	56594.86	56597.01563	56569.92225	56566.48047	504970.0	5410942.1
L4970.0	504970.0	5410941.6	41323.50000	426.01	0	48.851423	-86.932252	56574.87	56230.3	19.66	56594.53	56596.69531	56568.99983	56565.06641	504970.0	5410941.6
L4970.0	504970.0	5410941.2	41323.60156	426.23	0	48.851419	-86.932252	56574.31	56230.3	19.66	56593.97	56596.14453	56562.56734	56558.14453	504970.0	5410941.2
L4970.0	504970.0	5410941.2	41323.69922	427.99	0	48.851419	-86.932252	56573.97	56230.3	19.66	56593.64	56595.82422	56561.26191	56556.35156	504970.0	5410941.2
L4970.0	504969.9	5410940.6	41323.80078	428.85	0	48.851414	-86.932253	56573.72	56230.3	19.67	56593.38	56595.57422	56561.39180	56555.98828	504969.9	5410940.6
L4970.0	504969.9	5410940.2	41323.89844	427.94	0	48.851411	-86.932254	56573.54	56230.3	19.67	56593.21	56595.41406	56563.42532	56557.53516	504969.9	5410940.2
L4970.0	504969.9	5410940.2	41324.00000	426.56	0	48.851411	-86.932254	56573.54	56230.3	19.67	56593.21	56595.42578	56569.21752	56562.84375	504969.9	5410940.2
L4970.0	504969.8	5410939.8	41324.10156	426.41	0	48.851407	-86.932254	56573.16	56230.3	19.67	56592.83	56595.05859	56566.06343	56559.20703	504969.8	5410939.8
L4970.0	504969.8	5410939.4	41324.19922	428.79	0	48.851403	-86.932255	56572.86	56230.3	19.68	56592.53	56594.76953	56564.60047	56557.26172	504969.8	5410939.4
L4970.0	504969.7	5410939.1	41324.30078	429.57	0	48.851400	-86.932255	56572.44	56230.3	19.68	56592.12	56594.37109	56560.44382	56552.62891	504969.7	5410939.1
L4970.0	504969.7	5410939.1	41324.39844	430.42	0	48.851400	-86.932255	56572.36	56230.3	19.69	56592.05	56594.31250	56563.99990	56555.70703	504969.7	5410939.1
L4970.0	504969.7	5410938.7	41324.50000	430.23	0	48.851397	-86.932256	56571.91	56230.3	19.69	56591.60	56593.87500	56558.63499	56549.87500	504969.7	5410938.7
L4970.0	504969.6	5410938.4	41324.60156	418.39	0	48.851394	-86.932257	56571.86	56230.3	19.69	56591.55	56593.83984	56562.38230	56553.15234	504969.6	5410938.4
L4970.0	504969.6	5410938.1	41324.69922	418.39	0	48.851392	-86.932257	56571.60	56230.3	19.70	56591.30	56593.60547	56561.38153	56551.68750	504969.6	5410938.1
L4970.0	504969.6	5410938.1	41324.80078	416.19	0	48.851392	-86.932257	56571.20	56230.3	19.70	56590.90	56593.21875	56556.79474	56546.64063	504969.6	5410938.1
L4970.0	504969.6	5410937.8	41324.89844	429.59	0	48.851389	-86.932258	56570.74	56230.3	19.71	56590.44	56592.77344	56550.70844	56540.10156	504969.6	5410937.8
L4970.0	504969.5	5410937.5	41324.89844	429.16	0	48.851386	-86.932258	56570.38	56230.3	19.71	56590.08	56592.42969	56546.82697	56535.77344	504969.5	5410937.5
L4970.0	504969.5	5410937.3	41325.00000	427.52	0	48.851384	-86.932258	56570.63	56230.3	19.71	56590.34	56592.70703	56557.17471	56545.67969	504969.5	5410937.3
L4970.0	504969.5	5410937.3	41325.19922	426.31	0	48.851384	-86.932258	56570.36	56230.3	19.72	56590.07	56592.45313	56555.18027	56543.24609	504969.5	5410937.3
L4970.0	504969.5	5410937.0	41325.30078	427.58	0	48.851382	-86.932259	56570.53	56230.3	19.72	56590.25	56592.65234	56563.49922	56551.13281	504969.5	5410937.0

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4970.0	504969.5	5410937.0	41325.39844	426.67	0	48.851382	-86.932259	56570.38	56230.3	19.73	56590.11	56592.53125	56564.34244	56551.55078	504969.5	5410937.0
L4970.0	504969.5	5410936.8	41325.50000	426.98	0	48.851379	-86.932259	56570.09	56230.3	19.73	56589.82	56592.26172	56561.64537	56548.43359	504969.5	5410936.8
L4970.0	504969.5	5410936.6	41325.60156	427.14	0	48.851378	-86.932259	56569.92	56230.3	19.73	56589.65	56592.10938	56561.65456	56548.03125	504969.5	5410936.6
L4970.0	504969.4	5410936.4	41325.69922	428.03	0	48.851376	-86.932259	56569.89	56230.3	19.74	56589.63	56592.11328	56565.06984	56551.04297	504969.4	5410936.4
L4970.0	504969.4	5410936.4	41325.80078	428.45	0	48.851376	-86.932259	56569.64	56230.3	19.74	56589.38	56591.88281	56563.11539	56548.68750	504969.4	5410936.4
L4970.0	504969.4	5410936.2	41325.89844	429.46	0	48.851374	-86.932260	56569.36	56230.3	19.75	56589.10	56591.62500	56560.41988	56545.60156	504969.4	5410936.2
L4970.0	504969.4	5410936.1	41326.00000	428.76	0	48.851374	-86.932260	56569.41	56230.3	19.75	56589.16	56591.71094	56565.54085	56550.34375	504969.4	5410936.1
L4970.0	504969.4	5410936.0	41326.10156	428.02	0	48.851372	-86.932260	56569.16	56230.2	19.75	56588.91	56591.48438	56563.46231	56547.89063	504969.4	5410936.0
L4970.0	504969.4	5410936.0	41326.19922	427.39	0	48.851372	-86.932260	56569.43	56230.2	19.76	56589.18	56591.77734	56573.37285	56557.43359	504969.4	5410936.0
L4970.0	504969.4	5410935.9	41326.30078	427.16	0	48.851372	-86.932260	56569.62	56230.2	19.76	56589.38	56592.00391	56581.64305	56565.34375	504969.4	5410935.9
L4970.0	504969.4	5410935.8	41326.39844	427.67	0	48.851371	-86.932260	56569.54	56230.2	19.77	56589.31	56591.96094	56583.65675	56567.01172	504969.4	5410935.8
L4970.0	504969.4	5410935.8	41326.50000	426.72	0	48.851371	-86.932260	56569.64	56230.2	19.77	56589.41	56592.08594	56589.58896	56572.60156	504969.4	5410935.8
L4970.0	504969.4	5410935.7	41326.60156	426.48	0	48.851370	-86.932260	56569.00	56230.2	19.77	56588.77	56591.47266	56578.41436	56561.09766	504969.4	5410935.7
L4970.0	504969.4	5410935.6	41326.69922	428.09	0	48.851369	-86.932260	56569.73	56230.2	19.78	56589.51	56592.24219	56599.13470	56581.49609	504969.4	5410935.6
L4970.0	504969.4	5410935.6	41326.80078	428.80	0	48.851369	-86.932260	56569.56	56230.2	19.78	56589.34	56592.10156	56598.83090	56580.87500	504969.4	5410935.6
L4970.0	504969.4	5410935.5	41326.89844	431.35	0	48.851368	-86.932260	56569.66	56230.2	19.79	56589.45	56592.24219	56605.01101	56586.75391	504969.4	5410935.5
L4970.0	504969.4	5410935.4	41326.89844	431.40	0	48.851367	-86.932260	56569.54	56230.2	19.79	56589.32	56592.14453	56605.66267	56587.10938	504969.4	5410935.4
L4970.0	504969.4	5410935.2	41327.00000	429.02	0	48.851366	-86.932260	56569.56	56230.2	19.79	56589.35	56592.20703	56610.03576	56591.19922	504969.4	5410935.2
L4970.0	504969.4	5410935.2	41327.19922	429.96	0	48.851366	-86.932260	56569.64	56230.2	19.79	56589.44	56592.32813	56615.82438	56596.71484	504969.4	5410935.2
L4970.0	504969.4	5410935.0	41327.30078	431.56	0	48.851364	-86.932260	56569.56	56230.2	19.80	56589.36	56592.28516	56617.71803	56598.33984	504969.4	5410935.0
L4970.0	504969.4	5410934.8	41327.39844	432.62	0	48.851362	-86.932260	56569.81	56230.2	19.80	56589.61	56592.57031	56627.27727	56607.64453	504969.4	5410934.8
L4970.0	504969.4	5410934.8	41327.50000	429.69	0	48.851362	-86.932260	56569.48	56230.2	19.80	56589.28	56592.27344	56623.47564	56603.59766	504969.4	5410934.8
L4970.0	504969.4	5410934.6	41327.60156	428.27	0	48.851360	-86.932260	56569.54	56230.2	19.80	56589.34	56592.37109	56628.73565	56608.62500	504969.4	5410934.6
L4970.0	504969.4	5410934.4	41327.69922	428.36	0	48.851358	-86.932260	56569.25	56230.2	19.80	56589.05	56592.11719	56625.95939	56605.62500	504969.4	5410934.4
L4970.0	504969.4	5410934.1	41327.80078	429.92	0	48.851356	-86.932260	56569.16	56230.2	19.81	56588.96	56592.06641	56627.86231	56607.30859	504969.4	5410934.1
L4970.0	504969.4	5410933.9	41327.89844	429.90	0	48.851353	-86.932261	56569.31	56230.2	19.81	56589.11	56592.25781	56635.37290	56614.61328	504969.4	5410933.9
L4970.0	504969.3	5410933.6	41328.00000	427.87	0	48.851351	-86.932261	56569.25	56230.2	19.81	56589.06	56592.24609	56638.32606	56617.37500	504969.3	5410933.6
L4970.0	504969.3	5410933.6	41328.10156	428.39	0	48.851351	-86.932261	56568.84	56230.2	19.81	56588.65	56591.87891	56633.02764	56611.89453	504969.3	5410933.6
L4970.0	504969.3	5410933.3	41328.19922	428.28	0	48.851348	-86.932261	56568.52	56230.2	19.81	56588.32	56591.58984	56629.65004	56608.33984	504969.3	5410933.3
L4970.0	504969.3	5410933.3	41328.30078	428.44	0	48.851348	-86.932261	56568.56	56230.2	19.81	56588.37	56591.68359	56635.12986	56613.65625	504969.3	5410933.3
L4970.0	504969.3	5410933.0	41328.39844	426.08	0	48.851345	-86.932261	56568.38	56230.2	19.81	56588.19	56591.54688	56635.37223	56613.74609	504969.3	5410933.0
L4970.0	504969.3	5410932.7	41328.50000	426.30	0	48.851343	-86.932261	56567.73	56230.2	19.81	56587.53	56590.92969	56624.60213	56602.83203	504969.3	5410932.7
L4970.0	504969.3	5410932.4	41328.60156	428.11	0	48.851340	-86.932261	56567.67	56230.2	19.80	56587.47	56590.91406	56627.78225	56605.87891	504969.3	5410932.4
L4970.0	504969.3	5410932.4	41328.69922	425.71	0	48.851340	-86.932261	56567.57	56230.2	19.80	56587.38	56590.87109	56630.35482	56608.32813	504969.3	5410932.4
L4970.0	504969.3	5410932.1	41328.80078	426.99	0	48.851338	-86.932261	56567.46	56230.2	19.80	56587.26	56590.79688	56632.32191	56610.18359	504969.3	5410932.1
L4970.0	504969.4	5410931.7	41328.89844	423.33	0	48.851334	-86.932261	56567.39	56230.2	19.80	56587.19	56590.77734	56635.53426	56613.29297	504969.4	5410931.7
L4970.0	504969.4	5410931.7	41328.89844	421.97	0	48.851334	-86.932261	56567.37	56230.2	19.80	56587.17	56590.80469	56639.99344	56617.66016	504969.4	5410931.7
L4970.0	504969.4	5410931.4	41329.00000	421.37	0	48.851332	-86.932261	56567.01	56230.2	19.80	56586.81	56590.49609	56636.68742	56614.26953	504969.4	5410931.4
L4970.0	504969.4	5410931.1	41329.19922	423.22	0	48.851329	-86.932260	56566.57	56230.2	19.80	56586.37	56590.10547	56631.62620	56609.13672	504969.4	5410931.1
L4970.0	504969.4	5410930.9	41329.30078	423.22	0	48.851326	-86.932260	56566.22	56230.2	19.80	56586.02	56589.80469	56628.73953	56606.18359	504969.4	5410930.9
L4970.0	504969.4	5410930.5	41329.39844	422.13	0	48.851323	-86.932260	56565.86	56230.2	19.80	56585.66	56589.49609	56625.71688	56603.10938	504969.4	5410930.5
L4970.0	504969.4	5410930.0	41329.39844	420.55	0	48.851319	-86.932260	56565.50	56230.2	19.80	56585.30	56589.19141	56622.78969	56600.13672	504969.4	5410930.0
L4970.0	504969.4	5410930.0	41329.60156	424.03	0	48.851319	-86.932260	56565.10	56230.2	19.80	56584.90	56588.84375	56619.03359	56596.34766	504969.4	5410930.0
L4970.0	504969.5	5410929.7	41329.69922	425.96	0	48.851316	-86.932259	56564.94	56230.2	19.80	56584.74	56588.73828	56620.91956	56598.20703	504969.5	5410929.7
L4970.0	504969.5	5410929.3	41329.80078	423.94	0	48.851312	-86.932259	56564.66	56230.2	19.80	56584.46	56588.51172	56620.12712	56597.39844	504969.5	5410929.3
L4970.0	504969.5	5410929.3	41329.89844	422.81	0	48.851312	-86.932259	56564.38	56230.2	19.80	56584.18	56588.28906	56619.42893	56596.69141	504969.5	5410929.3
L4970.0	504969.5	5410928.8	41329.89844	423.98	0	48.851308	-86.932259	56564.00	56230.2	19.80	56583.80	56587.96484	56616.51297	56593.77734	504969.5	5410928.8
L4970.0	504969.5	5410928.4	41330.00000	424.09	0	48.851304	-86.932258	56563.64	56230.2	19.80	56583.44	56587.66016	56614.15139	56591.42578	504969.5	5410928.4
L4970.0	504969.5	5410927.9	41330.19922	422.73	0	48.851299	-86.932258	56563.28	56230.2	19.80	56583.09	56587.36719	56612.11170	56589.40625	504969.5	5410927.9
L4970.0	504969.5	5410927.5	41330.30078	422.56	0	48.851296	-86.932258	56563.15	56230.2	19.81	56582.95	56587.28516	56615.01447	56592.33594	504969.5	5410927.5
L4970.0	504969.5	5410927.5	41330.39844	424.64	0	48.851296	-86.932258	56562.86	56230.2	19.81	56582.66	56587.05469	56614.53779	56591.89453	504969.5	5410927.5
L4970.0	504969.6	5410927.1	41330.50000	423.74	0	48.851292	-86.932258	56562.59	56230.2	19.81	56582.40	56586.85156	56614.83956	56592.23828	504969.6	5410927.1
L4970.0	504969.6	5410927.1	41330.60156	421.28	0	48.851292	-86.932258	56562.23	56230.2	19.81	56582.05	56586.56250	56613.14409	56590.59766	504969.6	5410927.1
L4970.0	504969.6	5410926.0	41330.69922	420.25	0	48.851282	-86.932258	56562.08	56230.2	19.81	56581.89	56586.46484	56615.91999	56593.42969	504969.6	5410926.0
L4970.0	504969.6	5410926.0	41330.80078	419.40	0	48.851282	-86.932258	56561.55	56230.2	19.82	56581.36	56585.99219	56610.22217	56587.80078	504969.6	5410926.0
L4970.0	504969.6	5410925.5	41330.89844	421.34	0	48.851278	-86.932258	56561.09	56230.2	19.82	56580.90	56585.59375	56606.21663	56583.86719	504969.6	5410925.5
L4970.0	504969.6	5410925.1	41330.89844	422.30	0	48.851274	-86.932258	56560.78	56230.2	19.82	56580.60	56585.35547	56605.98020	56583.71094	504969.6	5410925.1
L4970.0	504969.6	5410925.1	41331.00000	422.90	0	48.851274	-86.932258	56560.40	56230.2	19.82	56580.22	56585.03906	56603.96282	56581.78516	504969.6	5410925.1
L4970.0	504969.6	5410924.5	41331.19922	423.46	0	48.851269	-86.932258	56560.02	56230.2	19.82	56579.83	56584.71094	56601.77874	56579.69531	504969.6	5410924.5
L4970.0	504969.6	5410924.0	41331.30078	422.97	0	48.851264	-86.932258	56559.69	56230.2	19.82	56579.50	56584.44141	56601.04202	56579.05859	504969.6	5410924.0
L4970.0	504969.6	5410923.6	41331.39844	420.34	0	48.851261	-86.932258	56559.35	56230.2	19.82	56579.17	56584.17578	56600.36212	56578.48438	504969.6	5410923.6
L4970.0	504969.6	5410923.6	41331.50000	420.76	0	48.851261	-86.932258	56558.84	56230.2	19.82	56578.65	56583.71875	56595.34385	56573.57813	504969.6	5410923.6
L4970.0	504969.6	5410923.1	41331.60156	421.33	0	48.851257	-86.932258	56558.34	56230.2	19.81	56578.15	56583.28125	56590.83641	56569.19141	504969.6	5410923.1
L4970.0	504969.5	5410922.6	41331.69922	421.39	0	48.851252	-86.932258	56558.08	56230.2	19.81	56577.89	56583.08594	56591.91994	56570.39844	504969.5	5410922.6
L4970.0	504969.5	5410922.1	41331.80078	418.61	0	48.851248	-86.932259	56558.13	56230.2	19.81	56577.94	56583.19922	56600.20780	56578.81641	504969.5	5410922.1
L4970.0	504969.5	5410922.1	41331.89844	416.07	0	48.851248	-86.932259	56557.87	56230.2	19.81	56577.68	56583.00391	56601.36644	56580.10938	504969.5	5410922.1
L4970.0	504969.5	5410921.5	41332.00000	415.97	0	48.851242	-86.932259	56557.39	56230.2	19.81	56577.20	56582.58984	56597.47122	56576.35547	504969.5	5410921.5
L4970.0	504969.5	5410920.9	41332.10156	417.62	0	48.851237	-86.932259	56556.86	56230.2	19.81	56576.66	56582.11328	56592.21519	56571.24219	504969.5	5410920.9
L4970.0	504969.4	5410920.4	41332.19922	418.92	0	48.851232	-86.932260	56555.98	56230.2	19.80	56575.78	56581.29688	56579.12236	56558.30078	504969.4	5410920.4
L4970.0	504969.4	5410920.0	41332.30078	418.83	0	48.851228	-86.932260	56555.88	56230.2	19.80	56575.68	56581.26172	56584.07243	56563.40234	504969.4	5410920.0
L4970.0	504969.4	5410920.0	41332.39844	418.24	0	48.851228	-86.932260	56555.45	56230.2	19.80	56575.24	56580.88672	56581.17583	56560.66016	504969.4	5410920.0
L4970.0	504969.4	5410919.4	41332.50000	418.93	0	48.851223	-86.932260	56555.27	56230.2	19.79	56575.06	56580.76953	56584.29432	56563.94141	504969.4	5410919.4
L4970.0	504969.4	5410919.0	41332.60156	417.85	0	48.851219	-86.932260	56554.78	56230.2	19.79	56574.57	56580.34375	56580.24941	56560.05859	504969.4	5410919.0
L4970.0	504969.4	5410918.5	41332.69922	416.94	0	48.851215	-86.932260	56554.63	56230.2	19.79	56574.42	56580.25781	56584.05837	56564.03516	504969.4	5410918.5
L4970.0	504969.4	5410918.5	41332.80078	416.53	0	48.851215	-86.932260	56553.99	56230.2	19.79	56573.77	56579.67188	56576.30265	56556.44922	504969.4	5410918.5
L4970.0	504969.4	5410918.0	41332.89844	416.39	0	48.851210	-86.932260	56553.71	56230.2	19.78	56573.49	56579.45703	56577.08399	56557.39844	504969.4	5410918.0
L4970.0	504969.4	5410917.5	41332.89844	415.81	0	48.851206	-86.932260	56553.51	56230.2	19.78	56573.29	56579.32031	56579.69503	56560.18750	504969.4	5410917.5
L4970.0	504969.4	5410916.8	41333.00000	415.98	0	48.851200	-86.932260	56553.33	56230.2	19.78	56573.11	56579.20313	56582.74407	56563.41406	504969.4	5410916.8
L4970.0	504969.4	5410916.8	41333.19922	417.65	0	48.851200	-86.932260	56552.95	56230.2	19.78	56572.72	56578.87891	56580.91050	56561.75781	504969.4	5410916.8
L4970.0	504969.4	5410916.3	41333.30078	418.14	0	48.851195	-86.932260	56552.61	56230.2	19.77	56572.39	56578.60938	56580.42942	56561.45313	504969.4	5410916.3
L4970.0	504969.4	5410915.8	41333.39844	414.86	0	48.851191	-86.932260	56552.38	56230.2	19.77	56572.15	56578.43359	56581.98925	56563.19531	504969.4	5410915.8
L4970.0	504969.4	5410915.3	41333.50000	416.35	0	48.851186	-86.932260	56551.88	56230.2	19.77	56571.65	56577.99609	56577.49622	56558.88281	504969.4	5410915.3
L4970.0	504969.4	5410914.9	41333.60156	416.70	0	48.851182	-86.932260	56551.67	56230.2	19.77	56571.44	56577.84766	56579.65678	56561.22656	504969.4	5410914.9
L4970.0	504969.4	5410914.9	41333.69922	415.64	0	48.851182	-86.932260	56551.00	56230.2	19.77	56570.77	56577.23828	56571.13281	56552.88672	504969.4	5410914.9
L4970.0	504969.4	5410914.5	41333.80078	415.10	0	48.851179	-86.932260	56550.42	56230.2	19.76	56570.19	56576.71875	56564.63095	56546.57031	504969.4	5410914.5
L4970.0	504969.4	5410914.1	41333.89844	414.34	0	48.851175	-86.932260	56550.01	56230.2	19.76	56569.77	56576.35547	56561.76454	56543.88672	504969.4	5410914.1
L4970.0	504969.4	5410913.6	41334.00000	413.67	0	48.851171	-86.932260	56549.66	56230.2	19.76	56569.42	56576.06641	56560.44923	56542.75391	504969.4	5410913.6
L4970.0	504969.4	5410913.6	41334.10156	416.12	0	48.851171	-86.932260	56549.27	56230.2	19.76	56569.03	56575.73438	56558.13859	56540.62891	504969.4	5410913.6
L4970.0	504969.4	5410913.0	41334.19922	417.58	0	48.851166	-86.932260	56548.99	56230.2	19.75	56568.74	56575.50391	56558.06413	56540.73438	504969.4	5410913.0
L4970.0	504969.4	5410913.0	41334.30078	417.76	0	48.851166	-86.932260	56548.86	56230.3	19.75	56568.61	56575.42969	56561.60863	56544.46094	504969.4	5410913.0
L4970.0	504969.4	5410911.8	41334.39844	414.90	0	48.851155	-86.932260	56548.36	56230.3	19.74	56568.10	56574.97656	56556.28822	56539.32031	504969.4	5410911.8
L4970.0	504969.4	5410911.8	41334.50000	414.77	0	48.851155	-86.932260	56548.09	56230.3	19.74	56567.83	56574.76172	56556.42832	56539.64063	504969.4	5410911.8
L4970.0	504969.4	5410911.4	41334.60156	415.09	0	48.851151	-86.932260	56547.82	56230.3	19.74	56567.55	56574.53906	56556.24766	56539.63672	504969.4	5410911.4

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4970.0	504969.5	5410910.9	41334.69922	414.42	0	48.851147	-86.932260	56547.34	56230.3	19.73	56567.07	56574.11328	56551.35187	56534.91797	504969.5	5410910.9
L4970.0	504969.5	5410910.9	41334.80078	414.66	0	48.851147	-86.932260	56546.69	56230.3	19.73	56566.42	56573.51563	56542.43121	56526.17188	504969.5	5410910.9
L4970.0	504969.5	5410910.4	41334.89844	414.69	0	48.851142	-86.932260	56546.57	56230.3	19.72	56566.29	56573.43750	56545.42959	56529.33984	504969.5	5410910.4
L4970.0	504969.5	5410910.0	41334.89844	413.57	0	48.851138	-86.932260	56546.26	56230.3	19.72	56565.98	56573.17969	56544.16642	56528.24609	504969.5	5410910.0
L4970.0	504969.5	5410910.0	41335.00000	412.64	0	48.851138	-86.932260	56546.03	56230.3	19.72	56565.75	56573.00000	56544.64815	56528.89844	504969.5	5410910.0
L4970.0	504969.5	5410909.5	41335.19922	413.13	0	48.851134	-86.932260	56545.65	56230.3	19.71	56565.36	56572.65625	56541.32579	56525.73828	504969.5	5410909.5
L4970.0	504969.5	5410909.2	41335.30078	414.02	0	48.851131	-86.932260	56545.46	56230.3	19.71	56565.17	56572.51563	56542.51732	56527.09375	504969.5	5410909.2
L4970.0	504969.5	5410908.9	41335.39844	413.76	0	48.851128	-86.932260	56545.24	56230.3	19.70	56564.94	56572.33203	56542.67415	56527.40625	504969.5	5410908.9
L4970.0	504969.5	5410908.5	41335.50000	413.33	0	48.851125	-86.932260	56544.47	56230.3	19.69	56564.16	56571.59766	56530.00789	56514.89453	504969.5	5410908.5
L4970.0	504969.5	5410908.5	41335.60156	414.76	0	48.851125	-86.932260	56544.42	56230.3	19.69	56564.11	56571.59375	56534.09949	56519.14063	504969.5	5410908.5
L4970.0	504969.5	5410908.2	41335.69922	413.35	0	48.851122	-86.932260	56544.14	56230.3	19.68	56563.83	56571.35547	56532.76092	56517.94922	504969.5	5410908.2
L4970.0	504969.4	5410907.8	41335.80078	412.21	0	48.851119	-86.932260	56544.09	56230.3	19.68	56563.77	56571.33984	56536.39120	56521.72656	504969.4	5410907.8
L4970.0	504969.4	5410907.8	41335.89844	399.73	0	48.851119	-86.932260	56543.45	56230.3	19.67	56563.13	56570.73828	56526.50052	56511.97266	504969.4	5410907.8
L4970.0	504969.4	5410907.6	41336.00000	400.58	0	48.851117	-86.932260	56543.25	56230.3	19.67	56562.92	56570.57031	56526.43067	56512.04297	504969.4	5410907.6
L4970.0	504969.4	5410907.3	41336.10156	408.35	0	48.851115	-86.932260	56542.64	56230.3	19.67	56562.30	56569.98828	56516.76778	56502.51172	504969.4	5410907.3
L4970.0	504969.4	5410907.1	41336.19922	405.73	0	48.851112	-86.932260	56542.56	56230.3	19.66	56562.22	56569.94531	56519.46739	56505.33984	504969.4	5410907.1
L4970.0	504969.4	5410907.1	41336.30078	405.35	0	48.851112	-86.932260	56542.66	56230.3	19.66	56562.32	56570.07813	56526.20947	56512.20703	504969.4	5410907.1
L4970.0	504969.4	5410906.8	41336.39844	405.73	0	48.851110	-86.932260	56542.54	56230.3	19.66	56562.19	56569.98438	56527.51864	56513.63672	504969.4	5410906.8
L4970.0	504969.5	5410906.7	41336.50000	406.98	0	48.851109	-86.932260	56543.17	56230.3	19.65	56562.83	56570.65625	56546.50662	56532.74219	504969.5	5410906.7
L4970.0	504969.5	5410906.7	41336.60156	406.73	0	48.851109	-86.932260	56542.66	56230.3	19.65	56562.31	56570.16797	56538.56928	56524.91406	504969.5	5410906.7
L4970.0	504969.5	5410906.5	41336.69922	407.27	0	48.851107	-86.932259	56542.87	56230.4	19.65	56562.52	56570.40625	56547.38776	56533.83984	504969.5	5410906.5
L4970.0	504969.5	5410906.4	41336.80078	408.65	0	48.851106	-86.932259	56542.54	56230.4	19.65	56562.18	56570.09375	56543.38065	56529.93750	504969.5	5410906.4
L4970.0	504969.5	5410906.4	41336.89844	407.42	0	48.851106	-86.932259	56542.86	56230.4	19.64	56562.51	56570.45313	56554.74491	56541.39844	504969.5	5410906.4
L4970.0	504969.5	5410906.2	41336.89844	406.77	0	48.851104	-86.932259	56542.10	56230.4	19.64	56561.74	56569.70703	56540.57498	56527.32031	504969.5	5410906.2
L4970.0	504969.5	5410906.1	41337.00000	409.23	0	48.851103	-86.932259	56542.33	56230.4	19.64	56561.97	56569.96094	56549.40607	56536.24219	504969.5	5410906.1
L4970.0	504969.5	5410905.9	41337.19922	410.03	0	48.851102	-86.932260	56542.05	56230.4	19.63	56561.68	56569.69141	56546.11078	56533.03125	504969.5	5410905.9
L4970.0	504969.4	5410905.8	41337.30078	408.84	0	48.851101	-86.932260	56541.87	56230.4	19.62	56561.49	56569.52344	56545.01997	56532.01953	504969.4	5410905.8
L4970.0	504969.4	5410905.8	41337.39844	407.24	0	48.851101	-86.932260	56541.82	56230.4	19.61	56561.43	56569.48047	56546.82902	56533.90234	504969.4	5410905.8
L4970.0	504969.4	5410905.6	41337.50000	405.95	0	48.851099	-86.932260	56542.18	56230.4	19.60	56561.78	56569.84766	56558.01126	56545.15234	504969.4	5410905.6
L4970.0	504969.3	5410905.5	41337.60156	404.03	0	48.851098	-86.932261	56542.33	56230.4	19.60	56561.93	56570.01172	56564.47113	56551.67969	504969.3	5410905.5
L4970.0	504969.3	5410905.5	41337.69922	399.52	0	48.851098	-86.932261	56541.82	56230.4	19.59	56561.41	56569.50781	56555.34877	56542.61719	504969.3	5410905.5
L4970.0	504969.3	5410905.4	41337.80078	401.65	0	48.851098	-86.932262	56542.10	56230.4	19.58	56561.68	56569.78906	56564.38921	56551.71484	504969.3	5410905.4
L4970.0	504969.3	5410905.3	41337.89844	405.30	0	48.851097	-86.932262	56541.62	56230.4	19.58	56561.19	56569.30859	56555.77265	56543.14844	504969.3	5410905.3
L4970.0	504969.3	5410905.3	41338.00000	408.82	0	48.851097	-86.932262	56541.88	56230.4	19.57	56561.45	56569.57813	56564.39990	56551.82422	504969.3	5410905.3
L4970.0	504969.2	5410905.2	41338.10156	406.60	0	48.851096	-86.932263	56541.94	56230.4	19.57	56561.51	56569.64453	56568.31811	56555.78516	504969.2	5410905.2
L4970.0	504969.2	5410905.1	41338.19922	406.56	0	48.851094	-86.932263	56542.05	56230.4	19.57	56561.62	56569.76172	56573.30807	56560.81250	504969.2	5410905.1
L4970.0	504969.2	5410905.1	41338.30078	406.66	0	48.851094	-86.932263	56542.13	56230.4	19.56	56561.69	56569.83594	56577.29281	56564.82813	504969.2	5410905.1
L4970.0	504969.1	5410904.9	41338.39844	406.39	0	48.851093	-86.932264	56542.25	56230.4	19.56	56561.81	56569.95703	56582.35544	56569.92188	504969.1	5410904.9
L4970.0	504969.1	5410904.7	41338.50000	404.06	0	48.851091	-86.932264	56542.46	56230.4	19.56	56562.02	56570.16797	56589.42358	56577.01563	504969.1	5410904.7
L4970.0	504969.1	5410904.4	41338.60156	407.00	0	48.851088	-86.932264	56542.16	56230.4	19.56	56561.71	56569.85547	56584.40257	56572.01563	504969.1	5410904.4
L4970.0	504969.1	5410904.4	41338.69922	408.15	0	48.851088	-86.932264	56542.58	56230.4	19.56	56562.14	56570.28125	56596.41587	56584.04688	504969.1	5410904.4
L4970.0	504969.1	5410904.2	41338.80078	407.97	0	48.851087	-86.932264	56542.40	56230.4	19.55	56561.96	56570.09766	56594.26655	56581.91406	504969.1	5410904.2
L4970.0	504969.1	5410903.9	41338.89844	406.37	0	48.851084	-86.932264	56542.36	56230.4	19.55	56561.91	56570.04297	56595.06025	56582.71484	504969.1	5410903.9
L4970.0	504969.1	5410903.7	41338.89844	407.79	0	48.851082	-86.932264	56542.18	56230.4	19.55	56561.73	56569.85547	56592.79138	56580.45703	504969.1	5410903.7
L4970.0	504969.1	5410903.7	41339.00000	409.81	0	48.851082	-86.932264	56542.22	56230.4	19.55	56561.77	56569.88281	56595.55220	56583.21875	504969.1	5410903.7
L4970.0	504969.1	5410903.3	41339.19922	408.34	0	48.851079	-86.932264	56541.74	56230.5	19.53	56561.27	56569.37109	56585.78147	56573.44922	504969.1	5410903.3
L4970.0	504969.1	5410903.0	41339.30078	410.52	0	48.851076	-86.932264	56541.94	56230.5	19.52	56561.46	56569.55078	56591.90936	56579.57422	504969.1	5410903.0
L4970.0	504969.1	5410903.0	41339.39844	411.87	0	48.851076	-86.932264	56541.84	56230.5	19.51	56561.36	56569.43359	56591.29012	56578.94922	504969.1	5410903.0
L4970.0	504969.1	5410902.7	41339.50000	410.06	0	48.851073	-86.932264	56541.80	56230.5	19.50	56561.30	56569.35938	56591.55374	56579.20703	504969.1	5410902.7
L4970.0	504969.1	5410902.3	41339.60156	408.47	0	48.851070	-86.932264	56541.79	56230.5	19.50	56561.28	56569.32031	56592.70343	56580.34766	504969.1	5410902.3
L4970.0	504969.1	5410901.9	41339.69922	408.44	0	48.851066	-86.932264	56541.48	56230.5	19.49	56560.97	56568.99219	56587.11567	56574.74609	504969.1	5410901.9
L4970.0	504969.1	5410901.9	41339.80078	409.57	0	48.851066	-86.932264	56541.82	56230.5	19.48	56561.30	56569.30078	56596.28705	56583.90234	504969.1	5410901.9
L4970.0	504969.1	5410901.5	41339.89844	407.51	0	48.851063	-86.932264	56541.70	56230.5	19.47	56561.16	56569.13672	56594.56714	56582.16797	504969.1	5410901.5
L4970.0	504969.2	5410901.1	41340.00000	408.75	0	48.851059	-86.932264	56541.74	56230.5	19.46	56561.20	56569.15625	56596.98128	56584.56250	504969.2	5410901.1
L4970.0	504969.2	5410901.1	41340.10156	411.18	0	48.851059	-86.932264	56541.67	56230.5	19.46	56561.12	56569.04688	56596.59902	56584.16016	504969.2	5410901.1
L4970.0	504969.2	5410900.6	41340.19922	410.25	0	48.851054	-86.932264	56541.62	56230.6	19.45	56561.07	56568.97266	56596.88990	56584.42969	504969.2	5410900.6
L4970.0	504969.2	5410900.2	41340.30078	409.79	0	48.851050	-86.932264	56541.77	56230.6	19.44	56561.21	56569.08203	56601.55451	56589.07422	504969.2	5410900.2
L4970.0	504969.2	5410900.2	41340.39844	409.78	0	48.851050	-86.932264	56541.43	56230.6	19.44	56560.87	56568.71484	56595.11099	56582.60938	504969.2	5410900.2
L4970.0	504969.2	5410899.8	41340.50000	408.96	0	48.851046	-86.932263	56541.13	56230.6	19.43	56560.57	56568.38281	56589.57978	56577.05469	504969.2	5410899.8
L4970.0	504969.2	5410899.2	41340.60156	406.22	0	48.851042	-86.932264	56540.82	56230.6	19.43	56560.25	56568.02734	56583.57671	56571.02734	504969.2	5410899.2
L4970.0	504969.2	5410899.2	41340.69922	406.24	0	48.851042	-86.932264	56540.87	56230.6	19.43	56560.30	56568.04688	56586.11757	56573.54297	504969.2	5410899.2
L4970.0	504969.2	5410898.3	41340.80078	406.59	0	48.851034	-86.932264	56540.85	56230.6	19.42	56560.27	56567.98047	56586.80458	56574.20703	504969.2	5410898.3
L4970.0	504969.2	5410898.3	41340.89844	407.15	0	48.851034	-86.932264	56540.82	56230.6	19.42	56560.24	56567.91406	56587.48882	56574.86719	504969.2	5410898.3
L4970.0	504969.2	5410897.9	41340.89844	407.57	0	48.851030	-86.932264	56540.70	56230.6	19.42	56560.11	56567.74609	56585.86124	56573.21484	504969.2	5410897.9
L4970.0	504969.1	5410897.3	41341.00000	407.95	0	48.851024	-86.932264	56540.52	56230.6	19.41	56559.93	56567.52734	56583.07937	56570.41406	504969.1	5410897.3
L4970.0	504969.1	5410896.8	41341.19922	409.00	0	48.851020	-86.932264	56540.85	56230.6	19.40	56560.25	56567.80469	56591.85624	56579.16797	504969.1	5410896.8
L4970.0	504969.1	5410896.8	41341.30078	410.96	0	48.851020	-86.932264	56540.67	56230.6	19.40	56560.06	56567.57422	56588.85121	56576.14063	504969.1	5410896.8
L4970.0	504969.1	5410896.2	41341.39844	413.15	0	48.851014	-86.932264	56540.80	56230.6	19.39	56560.19	56567.66016	56593.24823	56580.51953	504969.1	5410896.2
L4970.0	504969.1	5410895.5	41341.50000	410.83	0	48.851009	-86.932264	56540.41	56230.6	19.39	56559.80	56567.22656	56585.63534	56572.89063	504969.1	5410895.5
L4970.0	504969.1	5410895.5	41341.60156	407.21	0	48.851009	-86.932264	56540.32	56230.6	19.38	56559.70	56567.08203	56584.73404	56571.97656	504969.1	5410895.5
L4970.0	504969.1	5410895.0	41341.69922	406.56	0	48.851004	-86.932265	56539.93	56230.6	19.38	56559.31	56566.64844	56577.14105	56564.36719	504969.1	5410895.0
L4970.0	504969.1	5410895.0	41341.80078	406.42	0	48.851004	-86.932265	56539.93	56230.6	19.37	56559.30	56566.58984	56578.34205	56565.55859	504969.1	5410895.0
L4970.0	504969.1	5410894.5	41341.89844	407.18	0	48.850999	-86.932265	56539.83	56230.6	19.36	56559.19	56566.43359	56577.24468	56564.45313	504969.1	5410894.5
L4970.0	504969.1	5410893.9	41342.00000	407.72	0	48.850994	-86.932264	56539.86	56230.6	19.36	56559.22	56566.41406	56579.39653	56566.60156	504969.1	5410893.9
L4970.0	504969.1	5410893.3	41342.10156	409.79	0	48.850988	-86.932264	56539.68	56230.6	19.36	56559.04	56566.18750	56576.70948	56563.91016	504969.1	5410893.3
L4970.0	504969.1	5410892.7	41342.19922	411.97	0	48.850983	-86.932264	56539.12	56230.6	19.35	56558.47	56565.56641	56565.02416	56552.22656	504969.1	5410892.7
L4970.0	504969.1	5410892.7	41342.30078	412.60	0	48.850983	-86.932264	56539.34	56230.6	19.35	56558.70	56565.74609	56571.84358	56559.05078	504969.1	5410892.7
L4970.0	504969.2	5410891.7	41342.39844	411.94	0	48.850974	-86.932264	56539.40	56230.7	19.35	56558.75	56565.74219	56574.51916	56561.73438	504969.2	5410891.7
L4970.0	504969.2	5410891.2	41342.50000	413.87	0	48.850969	-86.932263	56539.57	56230.7	19.35	56558.92	56565.85938	56579.98467	56567.21094	504969.2	5410891.2
L4970.0	504969.2	5410890.4	41342.60156	413.70	0	48.850962	-86.932263	56538.91	56230.7	19.34	56558.25	56565.13672	56566.05355	56553.29688	504969.2	5410890.4
L4970.0	504969.2	5410890.4	41342.69922	412.60	0	48.850962	-86.932263	56539.02	56230.7	19.34	56558.36	56565.19531	56570.16624	56557.42969	504969.2	5410890.4
L4970.0	504969.2	5410889.6	41342.80078	410.08	0	48.850955	-86.932263	56539.12	56230.7	19.34	56558.45	56565.23047	56573.83383	56561.12109	504969.2	5410889.6
L4970.0	504969.2	5410889.6	41342.89844	409.18	0	48.850955	-86.932263	56539.21	56230.7	19.33	56558.55	56565.27734	56577.74965	56565.06250	504969.2	5410889.6
L4970.0	504969.3	5410888.5	41342.89844	409.40	0	48.850946	-86.932262	56538.43	56230.7	19.33	56557.76	56564.42969	56561.11349	56548.46094	504969.3	5410888.5
L4970.0	504969.3	5410887.9	41343.00000	410.57	0	48.850940	-86.932262	56538.38	56230.7	19.33	56557.71	56564.32422	56561.59657	56548.98438	504969.3	5410887.9
L4970.0	504969.3	5410887.9	41343.19922	409.56	0	48.850940	-86.932262	56538.75	56230.7	19.33	56558.08	56564.64063	56571.80306	56559.23047	504969.3	5410887.9
L4970.0	504969.3	5410887.1	41343.30078	408.71	0	48.850933	-86.932262	56538.84	56230.7	19.33	56558.16	56564.66406	56575.32368	56562.80078	504969.3	5410887.1
L4970.0	504969.3	5410886.4	41343.39844	407.42	0	48.850927	-86.932261	56538.19	56230.7	19.33	56557.52	56563.96875	56562.22023	56549.75000	504969.3	5410886.4
L4970.0	504969.4	5410885.6	41343.50000	408.56	0	48.850919	-86.932261	56538.02	56230.7	19.32	56557.34	56563.73047	56559.76361	56547.35547	504969.4	5410885.6
L4970.0	504969.4	5410885.6	41343.60156	407.16	0	48.850919	-86.932261	56538.61	56230.7	19.32	56557.93	56564.26563	56575.11787	56562.77344	504969.4	5410885.6
L4970.0	504969.4	5410884.6	41343.69922	409.93	0	48.850911	-86.932261	56538.27	56230.7	19.32	56557.59	56563.86719	56568.99336	56556.71875	504969.4	5410884.6
L4970.0	504969.4	5410883.9	41343.80078	410.53	0	48.850904	-86.932260	56537.86	56230.7	19.32	56557.18	56563.40234	56561.26525	56549.06641	504969.4	5410883.9
L4970.0	504969.4	5410883.0	41343.89844	410.22	0	48.850896	-86.932260	56538.02	56230.7	19.32	56557.34	56563.50391	56566.72419	56554.60547	504969.4	5410883.0

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4970.0	504969.4	5410883.0	41344.00000	412.08	0	48.850896	-86.932260	56537.99	56230.7	19.32	56557.31	56563.41797	56567.80504	56555.77344	504969.4	5410883.0
L4970.0	504969.4	5410882.2	41344.10156	412.52	0	48.850888	-86.932260	56538.12	56230.7	19.32	56557.44	56563.49219	56572.59613	56560.66016	504969.4	5410882.2
L4970.0	504969.4	5410882.2	41344.19922	412.80	0	48.850888	-86.932260	56538.29	56230.7	19.32	56557.61	56563.60547	56578.32352	56566.48438	504969.4	5410882.2
L4970.0	504969.5	5410881.1	41344.30078	413.79	0	48.850878	-86.932260	56538.32	56230.7	19.32	56557.64	56563.57813	56580.82654	56569.09375	504969.5	5410881.1
L4970.0	504969.5	5410880.2	41344.39844	414.47	0	48.850871	-86.932260	56538.02	56230.7	19.32	56557.34	56563.22266	56575.71345	56564.09375	504969.5	5410880.2
L4970.0	504969.5	5410879.5	41344.50000	413.64	0	48.850864	-86.932259	56537.81	56230.7	19.32	56557.12	56562.94531	56572.45925	56560.95703	504969.5	5410879.5
L4970.0	504969.5	5410878.7	41344.60156	411.88	0	48.850857	-86.932259	56538.04	56230.7	19.31	56557.36	56563.12891	56579.84562	56568.46484	504969.5	5410878.7
L4970.0	504969.5	5410878.7	41344.69922	412.76	0	48.850857	-86.932259	56538.12	56230.7	19.31	56557.43	56563.14453	56583.31189	56572.06250	504969.5	5410878.7
L4970.0	504969.6	5410877.6	41344.80078	411.73	0	48.850847	-86.932259	56537.82	56230.7	19.31	56557.13	56562.78906	56578.23524	56567.12109	504969.6	5410877.6
L4970.0	504969.6	5410876.9	41344.89844	412.21	0	48.850841	-86.932258	56537.82	56230.7	19.31	56557.13	56562.73438	56580.09968	56569.12891	504969.6	5410876.9
L4970.0	504969.6	5410876.9	41344.89844	413.41	0	48.850841	-86.932258	56537.56	56230.7	19.31	56556.87	56562.41797	56575.96243	56565.14453	504969.6	5410876.9
L4970.0	504969.6	5410876.0	41345.00000	414.06	0	48.850832	-86.932258	56537.28	56230.7	19.31	56556.59	56562.08203	56571.36972	56560.70703	504969.6	5410876.0
L4970.0	504969.6	5410874.8	41345.19922	412.51	0	48.850822	-86.932258	56537.22	56230.7	19.31	56556.54	56561.98047	56572.09897	56561.59766	504969.6	5410874.8
L4970.0	504969.6	5410874.8	41345.30078	410.09	0	48.850822	-86.932258	56536.89	56230.7	19.32	56556.21	56561.59766	56566.36306	56556.02734	504969.6	5410874.8
L4970.0	504969.7	5410873.7	41345.39844	409.01	0	48.850812	-86.932257	56537.05	56230.7	19.32	56556.36	56561.69531	56571.72625	56561.56641	504969.7	5410873.7
L4970.0	504969.7	5410872.9	41345.50000	410.35	0	48.850804	-86.932257	56537.02	56230.7	19.32	56556.34	56561.62109	56573.16597	56563.18750	504969.7	5410872.9
L4970.0	504969.7	5410872.9	41345.60156	406.90	0	48.850804	-86.932257	56537.25	56230.7	19.32	56556.57	56561.80078	56580.38878	56570.59766	504969.7	5410872.9
L4970.0	504969.7	5410872.0	41345.69922	407.78	0	48.850796	-86.932257	56537.43	56230.7	19.32	56556.75	56561.92969	56586.46117	56576.86328	504969.7	5410872.0
L4970.0	504969.7	5410870.9	41345.80078	408.92	0	48.850786	-86.932256	56537.15	56230.7	19.33	56556.47	56561.59766	56581.90748	56572.51172	504969.7	5410870.9
L4970.0	504969.7	5410869.9	41345.89844	408.12	0	48.850778	-86.932256	56536.92	56230.7	19.33	56556.25	56561.32813	56578.74559	56569.55469	504969.7	5410869.9
L4970.0	504969.8	5410869.1	41346.00000	406.25	0	48.850770	-86.932256	56536.94	56230.7	19.33	56556.27	56561.30078	56581.13565	56572.15625	504969.8	5410869.1
L4970.0	504969.8	5410869.1	41346.10156	408.84	0	48.850770	-86.932256	56536.74	56230.7	19.33	56556.07	56561.05469	56578.44665	56569.68750	504969.8	5410869.1
L4970.0	504969.8	5410867.8	41346.19922	408.66	0	48.850759	-86.932256	56536.51	56230.7	19.33	56555.84	56560.77734	56575.07000	56566.53125	504969.8	5410867.8
L4970.0	504969.8	5410866.8	41346.30078	409.76	0	48.850750	-86.932255	56536.64	56230.7	19.33	56555.97	56560.85938	56580.01947	56571.71094	504969.8	5410866.8
L4970.0	504969.8	5410865.7	41346.39844	408.86	0	48.850740	-86.932255	56536.51	56230.7	19.33	56555.84	56560.68359	56578.96650	56570.89453	504969.8	5410865.7
L4970.0	504969.8	5410865.7	41346.50000	408.91	0	48.850740	-86.932255	56536.48	56230.7	19.33	56555.82	56560.61719	56580.46280	56572.63281	504969.8	5410865.7
L4970.0	504969.8	5410864.3	41346.60156	406.52	0	48.850727	-86.932255	56536.74	56230.7	19.34	56556.07	56560.82422	56588.20680	56580.62500	504969.8	5410864.3
L4970.0	504969.9	5410863.2	41346.69922	406.21	0	48.850718	-86.932255	56536.69	56230.7	19.34	56556.03	56560.74219	56589.25690	56581.92578	504969.9	5410863.2
L4970.0	504969.9	5410863.2	41346.80078	406.78	0	48.850718	-86.932255	56536.56	56230.7	19.34	56555.90	56560.57031	56588.23618	56581.16406	504969.9	5410863.2
L4970.0	504969.9	5410862.2	41346.89844	407.61	0	48.850709	-86.932255	56536.26	56230.7	19.34	56555.60	56560.23047	56583.29663	56576.48828	504969.9	5410862.2
L4970.0	504969.9	5410861.1	41346.89844	406.75	0	48.850699	-86.932254	56536.07	56230.7	19.34	56555.41	56560.00000	56580.91041	56574.37109	504969.9	5410861.1
L4970.0	504969.9	5410861.1	41347.00000	405.17	0	48.850699	-86.932254	56535.88	56230.7	19.34	56555.21	56559.75781	56578.30526	56572.03906	504969.9	5410861.1
L4970.0	504969.9	5410859.8	41347.19922	402.13	0	48.850687	-86.932254	56535.90	56230.7	19.34	56555.24	56559.75000	56581.02908	56575.03906	504969.9	5410859.8
L4970.0	504969.9	5410858.7	41347.30078	402.59	0	48.850677	-86.932254	56536.13	56230.7	19.34	56555.48	56559.95313	56588.62092	56582.91406	504969.9	5410858.7
L4970.0	504969.9	5410858.7	41347.39844	402.71	0	48.850677	-86.932254	56536.15	56230.7	19.34	56555.50	56559.93750	56591.14432	56585.72656	504969.9	5410858.7
L4970.0	504969.9	5410857.4	41347.50000	401.26	0	48.850666	-86.932254	56535.95	56230.7	19.35	56555.29	56559.69141	56588.36964	56583.24219	504969.9	5410857.4
L4970.0	504970.0	5410856.5	41347.60156	402.33	0	48.850657	-86.932253	56535.92	56230.7	19.35	56555.26	56559.62500	56589.77404	56584.94531	504970.0	5410856.5
L4970.0	504970.0	5410855.1	41347.69922	405.13	0	48.850644	-86.932253	56535.82	56230.7	19.35	56555.17	56559.50391	56589.81248	56585.28516	504970.0	5410855.1
L4970.0	504970.0	5410855.1	41347.80078	404.21	0	48.850644	-86.932253	56535.11	56230.7	19.35	56554.46	56558.75781	56575.54439	56571.32031	504970.0	5410855.1
L4970.0	504970.0	5410854.0	41347.89844	404.60	0	48.850635	-86.932253	56535.18	56230.7	19.35	56554.53	56558.79688	56579.32736	56575.41406	504970.0	5410854.0
L4970.0	504970.0	5410853.0	41348.00000	407.47	0	48.850626	-86.932253	56535.26	56230.7	19.35	56554.61	56558.84766	56583.36763	56579.76563	504970.0	5410853.0
L4970.0	504970.0	5410851.6	41348.10156	406.64	0	48.850613	-86.932253	56535.39	56230.7	19.35	56554.74	56558.94922	56588.59162	56585.30859	504970.0	5410851.6
L4970.0	504970.0	5410851.6	41348.19922	404.86	0	48.850613	-86.932253	56535.43	56230.7	19.35	56554.78	56558.95703	56591.76583	56588.80078	504970.0	5410851.6
L4970.0	504970.0	5410850.6	41348.30078	407.08	0	48.850604	-86.932253	56535.32	56230.7	19.35	56554.67	56558.82031	56591.50573	56588.86719	504970.0	5410850.6
L4970.0	504970.0	5410849.4	41348.39844	408.39	0	48.850593	-86.932253	56535.21	56230.7	19.35	56554.56	56558.68359	56591.28023	56588.96875	504970.0	5410849.4
L4970.0	504970.0	5410849.4	41348.50000	407.64	0	48.850593	-86.932253	56535.11	56230.7	19.35	56554.46	56558.55859	56591.32271	56589.33984	504970.0	5410849.4
L4970.0	504970.0	5410847.9	41348.60156	408.88	0	48.850580	-86.932254	56534.92	56230.7	19.35	56554.27	56558.34375	56589.32440	56587.67578	504970.0	5410847.9
L4970.0	504969.9	5410846.4	41348.69922	409.10	0	48.850566	-86.932254	56534.86	56230.7	19.35	56554.21	56558.25781	56590.37219	56589.05859	504969.9	5410846.4
L4970.0	504969.9	5410845.7	41348.80078	410.78	0	48.850560	-86.932254	56534.90	56230.7	19.35	56554.25	56558.27344	56593.77522	56592.80078	504969.9	5410845.7
L4970.0	504969.9	5410845.7	41348.89844	412.68	0	48.850560	-86.932254	56534.83	56230.7	19.35	56554.18	56558.18359	56594.68265	56594.04688	504969.9	5410845.7
L4970.0	504969.9	5410844.8	41348.89844	412.76	0	48.850552	-86.932254	56534.75	56230.7	19.35	56554.10	56558.08203	56595.40818	56595.11719	504969.9	5410844.8
L4970.0	504969.9	5410843.7	41349.00000	409.74	0	48.850542	-86.932254	56534.46	56230.7	19.35	56553.81	56557.76953	56591.33219	56591.38672	504969.9	5410843.7
L4970.0	504969.9	5410843.7	41349.19922	409.65	0	48.850542	-86.932254	56534.26	56230.7	19.35	56553.61	56557.55078	56589.39073	56589.78906	504969.9	5410843.7
L4970.0	504969.9	5410842.5	41349.30078	410.80	0	48.850531	-86.932254	56533.96	56230.7	19.35	56553.30	56557.22266	56584.96425	56585.71094	504969.9	5410842.5
L4970.0	504969.9	5410841.5	41349.39844	409.81	0	48.850522	-86.932254	56534.01	56230.7	19.35	56553.35	56557.25391	56588.91781	56590.01563	504969.9	5410841.5
L4970.0	504969.9	5410840.3	41349.50000	411.27	0	48.850511	-86.932255	56534.17	56230.7	19.34	56553.51	56557.39453	56595.47634	56596.92578	504969.9	5410840.3
L4970.0	504969.9	5410840.3	41349.60156	412.77	0	48.850511	-86.932255	56534.21	56230.7	19.34	56553.56	56557.42969	56599.55819	56601.36328	504969.9	5410840.3
L4970.0	504969.8	5410839.1	41349.69922	412.18	0	48.850501	-86.932255	56533.98	56230.7	19.34	56553.32	56557.17188	56597.00616	56599.16406	504969.8	5410839.1
L4970.0	504969.8	5410838.0	41349.80078	412.77	0	48.850491	-86.932255	56533.24	56230.7	19.34	56552.58	56556.41797	56582.96971	56585.48047	504969.8	5410838.0
L4970.0	504969.8	5410836.8	41349.89844	410.21	0	48.850480	-86.932256	56533.32	56230.7	19.34	56552.66	56556.48047	56587.95859	56590.82422	504969.8	5410836.8
L4970.0	504969.8	5410836.8	41350.00000	410.53	0	48.850480	-86.932256	56533.24	56230.7	19.34	56552.58	56556.38672	56589.32662	56592.55078	504969.8	5410836.8
L4970.0	504969.8	5410835.3	41350.10156	410.05	0	48.850467	-86.932256	56533.02	56230.7	19.34	56552.36	56556.15234	56587.53890	56591.12109	504969.8	5410835.3
L4970.0	504969.7	5410834.0	41350.19922	408.16	0	48.850455	-86.932257	56532.86	56230.7	19.34	56552.20	56555.98047	56587.22058	56591.15625	504969.7	5410834.0
L4970.0	504969.7	5410834.0	41350.30078	407.08	0	48.850455	-86.932257	56532.56	56230.7	19.34	56551.90	56555.66797	56583.75226	56588.04297	504969.7	5410834.0
L4970.0	504969.7	5410832.9	41350.39844	408.30	0	48.850445	-86.932257	56532.61	56230.7	19.34	56551.95	56555.70313	56588.46134	56593.10938	504969.7	5410832.9
L4970.0	504969.7	5410831.7	41350.50000	408.24	0	48.850435	-86.932257	56532.24	56230.7	19.35	56551.59	56555.33203	56583.78613	56588.79297	504969.7	5410831.7
L4970.0	504969.7	5410831.7	41350.60156	408.84	0	48.850435	-86.932257	56532.18	56230.7	19.35	56551.52	56555.25000	56585.90734	56591.26953	504969.7	5410831.7
L4970.0	504969.7	5410830.2	41350.69922	408.65	0	48.850421	-86.932257	56532.30	56230.7	19.35	56551.65	56555.36719	56592.74780	56598.46484	504969.7	5410830.2
L4970.0	504969.7	5410829.2	41350.80078	409.21	0	48.850411	-86.932257	56532.25	56230.7	19.35	56551.59	56555.29688	56595.29693	56601.36719	504969.7	5410829.2
L4970.0	504969.7	5410829.2	41350.89844	409.68	0	48.850411	-86.932257	56532.42	56230.7	19.35	56551.77	56555.46875	56603.49533	56609.92188	504969.7	5410829.2
L4970.0	504969.7	5410828.0	41350.89844	409.62	0	48.850401	-86.932257	56531.79	56230.7	19.35	56551.13	56554.81641	56592.84784	56599.62500	504969.7	5410828.0
L4970.0	504969.7	5410826.5	41351.00000	408.55	0	48.850387	-86.932257	56531.54	56230.7	19.35	56550.89	56554.56641	56591.55292	56598.68359	504969.7	5410826.5
L4970.0	504969.7	5410825.4	41351.19922	407.16	0	48.850378	-86.932257	56531.20	56230.7	19.35	56550.54	56554.20703	56587.82650	56595.30859	504969.7	5410825.4
L4970.0	504969.7	5410825.4	41351.30078	408.69	0	48.850378	-86.932257	56531.11	56230.7	19.34	56550.45	56554.10547	56590.22240	56598.05078	504969.7	5410825.4
L4970.0	504969.7	5410824.3	41351.39844	408.47	0	48.850367	-86.932257	56530.62	56230.7	19.34	56549.96	56553.60547	56583.48980	56591.66406	504969.7	5410824.3
L4970.0	504969.8	5410823.1	41351.50000	408.51	0	48.850357	-86.932257	56530.66	56230.7	19.34	56550.00	56553.63281	56589.12473	56597.64844	504969.8	5410823.1
L4970.0	504969.8	5410823.1	41351.60156	408.27	0	48.850357	-86.932257	56530.36	56230.7	19.34	56549.70	56553.32422	56587.02290	56595.89063	504969.8	5410823.1
L4970.0	504969.8	5410820.2	41351.69922	407.35	0	48.850330	-86.932256	56530.62	56230.7	19.34	56549.95	56553.56250	56597.75582	56606.96484	504969.8	5410820.2
L4970.0	504969.8	5410820.2	41351.80078	406.24	0	48.850330	-86.932256	56531.00	56230.7	19.33	56550.33	56553.92969	56611.61916	56621.16797	504969.8	5410820.2
L4970.0	504969.8	5410820.2	41351.89844	406.26	0	48.850330	-86.932256	56530.72	56230.7	19.33	56550.05	56553.64063	56610.35738	56620.24219	504969.8	5410820.2
L4970.0	504969.8	5410818.8	41352.00000	407.51	0	48.850318	-86.932256	56530.31	56230.7	19.33	56549.64	56553.21875	56606.22175	56616.44531	504969.8	5410818.8
L4970.0	504969.8	5410817.3	41352.10156	409.45	0	48.850305	-86.932256	56529.44	56230.7	19.33	56548.77	56552.33594	56591.58780	56602.14453	504969.8	5410817.3
L4970.0	504969.8	5410817.3	41352.19922	408.32	0	48.850305	-86.932256	56529.32	56230.7	19.32	56548.64	56552.19531	56594.19124	56605.07813	504969.8	5410817.3
L4970.0	504969.8	5410814.9	41352.30078	408.70	0	48.850283	-86.932256	56529.11	56230.7	19.32	56548.43	56551.96875	56595.08294	56606.29688	504969.8	5410814.9
L4970.0	504969.8	5410814.9	41352.39844	411.11	0	48.850283	-86.932256	56528.93	56230.7	19.31	56548.24	56551.76563	56596.57609	56608.11328	504969.8	5410814.9
L4970.0	504969.8	5410813.7	41352.50000	407.21	0	48.850273	-86.932256	56528.96	56230.7	19.31	56548.27	56551.78125	56603.29492	56615.15625	504969.8	5410813.7
L4970.0	504969.8	5410812.5	41352.60156	406.12	0	48.850262	-86.932256	56528.90	56230.7	19.31	56548.21	56551.70703	56608.07688	56620.25781	504969.8	5410812.5
L4970.0	504969.8	5410812.5	41352.69922	407.74	0	48.850262	-86.932256	56528.63	56230.7	19.30	56547.93	56551.41406	56607.91935	56620.41797	504969.8	5410812.5
L4970.0	504969.8	5410811.3	41352.80078	407.16	0	48.850250	-86.932256	56527.98	56230.7	19.30	56547.28	56550.74609	56599.35744	56612.16797	504969.8	5410811.3
L4970.0	504969.8	5410809.7	41352.89844	409.91	0	48.850236	-86.932256	56527.98	56230.7	19.29	56547.27	56550.71875	56605.73522	56618.85547	504969.8	5410809.7
L4970.0	504969.8	5410808.7	41352.89844	407.92	0	48.850227	-86.932256	56527.35	56230.7	19.29	56546.65	56550.08203	56598.16527	56611.59375	504969.8	5410808.7
L4970.0	504969.8	5410808.7	41353.00000	408.12	0	48.850227	-86.932256	56527.12	56230.7	19.29	56546.41	56549.82031	56599.52930	56613.26172	504969.8	5410808.7
L4970.0	504969.8	5410807.2	41353.19922	410.82	0	48.850214	-86.932256	56526.84	56230.7	19.28	56546.12	56549.51172	56599.89098	56613.92578	504969.8	5410807.2

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4970.0	504969.8	5410806.0	41353.30078	408.60	0	48.850203	-86.932257	56526.99	56230.7	19.27	56546.26	56549.62891	56610.34514	56624.67578	504969.8	5410806.0
L4970.0	504969.7	5410804.3	41353.39844	408.36	0	48.850188	-86.932257	56526.63	56230.7	19.27	56545.90	56549.24609	56609.39966	56624.02344	504969.7	5410804.3
L4970.0	504969.7	5410804.3	41353.50000	407.73	0	48.850188	-86.932257	56526.36	56230.7	19.26	56545.62	56548.94531	56610.46034	56625.37109	504969.7	5410804.3
L4970.0	504969.7	5410802.9	41353.60156	408.08	0	48.850175	-86.932257	56525.71	56230.7	19.25	56544.97	56548.26953	56603.12833	56618.32813	504969.7	5410802.9
L4970.0	504969.7	5410802.9	41353.69922	407.73	0	48.850175	-86.932257	56525.41	56230.8	19.25	56544.65	56547.92188	56603.58263	56619.06250	504969.7	5410802.9
L4970.0	504969.7	5410800.9	41353.80078	405.62	0	48.850157	-86.932258	56525.00	56230.8	19.24	56544.25	56547.49609	56602.34869	56618.10547	504969.7	5410800.9
L4970.0	504969.7	5410799.7	41353.89844	405.44	0	48.850146	-86.932258	56524.46	56230.8	19.24	56543.70	56546.91406	56597.80970	56613.83984	504969.7	5410799.7
L4970.0	504969.7	5410799.7	41354.00000	406.12	0	48.850146	-86.932258	56523.72	56230.8	19.23	56542.95	56546.13672	56588.81100	56605.11328	504969.7	5410799.7
L4970.0	504969.6	5410798.0	41354.10156	407.24	0	48.850131	-86.932258	56523.01	56230.8	19.22	56542.23	56545.38281	56580.66902	56597.23828	504969.6	5410798.0
L4970.0	504969.6	5410797.0	41354.19922	407.35	0	48.850122	-86.932259	56523.29	56230.8	19.21	56542.50	56545.62109	56595.57134	56612.40234	504969.6	5410797.0
L4970.0	504969.6	5410795.5	41354.30078	406.64	0	48.850109	-86.932259	56523.01	56230.8	19.20	56542.22	56545.30469	56597.92728	56615.01563	504969.6	5410795.5
L4970.0	504969.6	5410795.5	41354.39844	407.35	0	48.850109	-86.932259	56522.96	56230.8	19.19	56542.15	56545.19531	56605.30202	56622.64453	504969.6	5410795.5
L4970.0	504969.6	5410794.1	41354.50000	410.24	0	48.850096	-86.932259	56522.40	56230.8	19.18	56541.58	56544.58594	56601.28712	56618.87891	504969.6	5410794.1
L4970.0	504969.6	5410794.1	41354.60156	410.37	0	48.850096	-86.932259	56521.76	56230.8	19.18	56540.93	56543.89844	56595.58975	56613.42578	504969.6	5410794.1
L4970.0	504969.6	5410792.9	41354.69922	409.66	0	48.850085	-86.932259	56521.20	56230.8	19.17	56540.36	56543.28516	56591.90813	56609.98438	504969.6	5410792.9
L4970.0	504969.6	5410791.4	41354.80078	408.87	0	48.850072	-86.932259	56520.96	56230.8	19.16	56540.12	56543.00000	56596.02039	56614.33203	504969.6	5410791.4
L4970.0	504969.6	5410790.4	41354.89844	407.92	0	48.850063	-86.932259	56521.05	56230.9	19.15	56540.20	56543.03125	56607.69567	56626.23828	504969.6	5410790.4
L4970.0	504969.6	5410789.0	41354.89844	406.65	0	48.850050	-86.932259	56520.28	56230.9	19.15	56539.43	56542.21484	56599.89397	56618.66406	504969.6	5410789.0
L4970.0	504969.6	5410787.7	41355.00000	404.08	0	48.850039	-86.932259	56519.59	56230.9	19.14	56538.73	56541.46484	56593.87778	56612.87109	504969.6	5410787.7
L4970.0	504969.6	5410787.7	41355.19922	403.63	0	48.850039	-86.932259	56518.64	56230.9	19.12	56537.76	56540.44141	56581.78930	56601.00000	504969.6	5410787.7
L4970.0	504969.6	5410786.2	41355.30078	403.78	0	48.850025	-86.932259	56518.16	56230.9	19.11	56537.27	56539.89453	56580.96195	56600.38672	504969.6	5410786.2
L4970.0	504969.6	5410785.2	41355.39844	404.19	0	48.850016	-86.932259	56517.83	56230.9	19.10	56536.93	56539.49609	56583.76892	56603.39844	504969.6	5410785.2
L4970.0	504969.6	5410785.2	41355.50000	405.07	0	48.850016	-86.932259	56517.60	56230.9	19.09	56536.69	56539.19531	56589.05448	56608.89063	504969.6	5410785.2
L4970.0	504969.6	5410783.9	41355.60156	404.95	0	48.850004	-86.932259	56517.04	56230.9	19.08	56536.12	56538.56641	56586.88057	56606.91797	504969.6	5410783.9
L4970.0	504969.6	5410783.9	41355.69922	404.57	0	48.850004	-86.932259	56516.40	56230.9	19.07	56535.47	56537.85156	56583.02469	56603.25391	504969.6	5410783.9
L4970.0	504969.7	5410782.3	41355.80078	405.08	0	48.849990	-86.932258	56516.18	56230.9	19.06	56535.24	56537.55469	56589.04212	56609.46094	504969.7	5410782.3
L4970.0	504969.7	5410781.4	41355.89844	405.67	0	48.849982	-86.932258	56515.18	56230.9	19.05	56534.23	56536.47266	56577.19891	56597.80078	504969.7	5410781.4
L4970.0	504969.7	5410780.1	41356.00000	407.13	0	48.849970	-86.932258	56514.71	56231	19.04	56533.75	56535.92188	56577.77031	56598.55078	504969.7	5410780.1
L4970.0	504969.7	5410778.8	41356.10156	407.41	0	48.849958	-86.932258	56514.13	56231	19.03	56533.16	56535.25781	56575.96456	56596.92188	504969.7	5410778.8
L4970.0	504969.7	5410778.8	41356.19922	410.44	0	48.849958	-86.932258	56514.03	56231	19.02	56533.05	56535.07031	56585.41668	56606.54688	504969.7	5410778.8
L4970.0	504969.7	5410777.4	41356.30078	409.22	0	48.849945	-86.932258	56513.39	56231	19.02	56532.40	56534.33984	56582.55249	56603.84375	504969.7	5410777.4
L4970.0	504969.7	5410775.8	41356.39844	406.55	0	48.849931	-86.932257	56513.11	56231	19.01	56532.12	56533.97656	56588.40248	56609.85547	504969.7	5410775.8
L4970.0	504969.8	5410774.8	41356.50000	406.33	0	48.849922	-86.932257	56512.32	56231	19.00	56531.32	56533.09375	56582.39680	56604.00391	504969.8	5410774.8
L4970.0	504969.8	5410774.8	41356.60156	407.64	0	48.849922	-86.932257	56511.86	56231	18.99	56530.85	56532.53516	56584.17915	56605.94141	504969.8	5410774.8
L4970.0	504969.8	5410773.3	41356.69922	404.52	0	48.849909	-86.932257	56511.27	56231	18.98	56530.25	56531.84375	56583.11739	56605.02344	504969.8	5410773.3
L4970.0	504969.8	5410773.3	41356.80078	404.55	0	48.849909	-86.932257	56510.36	56231	18.98	56529.33	56530.83203	56574.81939	56596.86719	504969.8	5410773.3
L4970.0	504969.8	5410770.6	41356.89844	405.25	0	48.849884	-86.932256	56509.99	56231	18.97	56528.96	56530.36328	56579.39086	56601.57422	504969.8	5410770.6
L4970.0	504969.8	5410770.6	41356.89844	406.62	0	48.849884	-86.932256	56509.08	56231	18.97	56528.05	56529.35547	56571.63939	56593.95313	504969.8	5410770.6
L4970.0	504969.8	5410769.5	41357.00000	409.72	0	48.849875	-86.932256	56509.18	56231	18.96	56528.14	56529.34375	56587.15512	56609.59766	504969.8	5410769.5
L4970.0	504969.8	5410767.8	41357.19922	408.25	0	48.849859	-86.932256	56508.36	56231.1	18.94	56527.30	56528.39844	56581.33206	56603.89844	504969.8	5410767.8
L4970.0	504969.8	5410767.8	41357.30078	405.89	0	48.849859	-86.932256	56507.70	56231.1	18.93	56526.63	56527.62109	56579.59126	56602.27344	504969.8	5410767.8
L4970.0	504969.9	5410766.5	41357.39844	406.55	0	48.849847	-86.932256	56506.88	56231.1	18.92	56525.80	56526.67969	56574.30462	56597.09766	504969.9	5410766.5
L4970.0	504969.9	5410764.8	41357.50000	404.62	0	48.849832	-86.932256	56506.22	56231.1	18.92	56525.13	56525.89844	56572.86629	56595.76953	504969.9	5410764.8
L4970.0	504969.9	5410763.7	41357.60156	403.31	0	48.849822	-86.932255	56505.91	56231.1	18.91	56524.82	56525.46875	56579.89701	56602.90625	504969.9	5410763.7
L4970.0	504969.9	5410763.7	41357.69922	402.33	0	48.849822	-86.932255	56505.14	56231.1	18.90	56524.04	56524.57031	56576.21284	56599.32031	504969.9	5410763.7
L4970.0	504969.9	5410761.7	41357.80078	402.02	0	48.849805	-86.932255	56504.82	56231.1	18.89	56523.70	56524.10938	56582.84340	56606.04297	504969.9	5410761.7
L4970.0	504969.9	5410760.2	41357.89844	404.66	0	48.849791	-86.932255	56503.72	56231.1	18.88	56522.60	56522.88281	56572.05345	56595.34375	504969.9	5410760.2
L4970.0	504969.9	5410760.2	41358.00000	406.11	0	48.849791	-86.932255	56503.28	56231.1	18.87	56522.15	56522.30469	56576.42810	56599.80469	504969.9	5410760.2
L4970.0	504969.9	5410758.6	41358.10156	405.69	0	48.849777	-86.932255	56501.90	56231.1	18.86	56520.77	56520.79688	56559.44973	56582.90625	504969.9	5410758.6
L4970.0	504970.0	5410757.4	41358.19922	405.99	0	48.849766	-86.932254	56501.37	56231.1	18.86	56520.22	56520.11328	56561.79225	56585.32813	504970.0	5410757.4
L4970.0	504970.0	5410757.4	41358.30078	408.02	0	48.849766	-86.932254	56500.68	56231.1	18.85	56519.53	56519.28516	56561.03576	56584.64063	504970.0	5410757.4
L4970.0	504970.0	5410755.8	41358.39844	409.30	0	48.849752	-86.932254	56500.22	56231.2	18.85	56519.06	56518.67578	56565.49830	56589.17188	504970.0	5410755.8
L4970.0	504970.0	5410754.3	41358.50000	409.57	0	48.849738	-86.932254	56499.64	56231.2	18.84	56518.48	56517.95313	56567.55104	56591.28906	504970.0	5410754.3
L4970.0	504970.0	5410754.3	41358.60156	406.60	0	48.849738	-86.932254	56498.82	56231.2	18.83	56517.65	56516.97656	56563.95623	56587.75391	504970.0	5410754.3
L4970.0	504970.1	5410753.0	41358.69922	408.47	0	48.849726	-86.932253	56498.20	56231.2	18.83	56517.03	56516.21094	56565.34284	56589.19531	504970.1	5410753.0
L4970.0	504970.1	5410751.4	41358.80078	408.38	0	48.849712	-86.932253	56496.54	56231.2	18.82	56515.36	56514.39063	56542.58836	56566.49219	504970.1	5410751.4
L4970.0	504970.1	5410751.4	41358.89844	407.23	0	48.849712	-86.932253	56496.49	56231.2	18.82	56515.31	56514.18359	56557.39750	56581.34766	504970.1	5410751.4
L4970.0	504970.1	5410750.0	41358.89844	406.38	0	48.849699	-86.932252	56495.52	56231.2	18.82	56514.34	56513.05859	56551.06521	56575.05859	504970.1	5410750.0
L4970.0	504970.2	5410748.7	41359.00000	407.62	0	48.849687	-86.932252	56495.06	56231.2	18.81	56513.87	56512.42969	56556.40700	56580.44141	504970.2	5410748.7
L4970.0	504970.2	5410747.4	41359.19922	406.08	0	48.849675	-86.932251	56494.04	56231.2	18.79	56512.84	56511.23828	56548.92233	56572.99219	504970.2	5410747.4
L4970.0	504970.2	5410747.4	41359.30078	407.82	0	48.849675	-86.932251	56493.71	56231.2	18.79	56512.50	56510.73438	56557.49765	56581.59766	504970.2	5410747.4
L4970.0	504970.2	5410746.3	41359.39844	407.16	0	48.849666	-86.932251	56492.52	56231.2	18.78	56511.29	56509.35938	56546.07668	56570.20703	504970.2	5410746.3
L4970.0	504970.2	5410744.7	41359.39844	408.01	0	48.849652	-86.932251	56491.93	56231.2	18.78	56510.70	56508.59766	56549.09241	56573.24609	504970.2	5410744.7
L4970.0	504970.2	5410744.7	41359.60156	407.89	0	48.849652	-86.932251	56491.06	56231.2	18.76	56509.82	56507.54688	56545.51075	56569.68750	504970.2	5410744.7
L4970.0	504970.3	5410743.6	41359.69922	405.61	0	48.849642	-86.932250	56490.27	56231.2	18.75	56509.02	56506.57031	56543.87992	56568.07422	504970.3	5410743.6
L4970.0	504970.3	5410742.2	41359.80078	404.66	0	48.849629	-86.932250	56489.71	56231.3	18.75	56508.45	56505.82422	56547.66364	56571.86719	504970.3	5410742.2
L4970.0	504970.3	5410740.9	41359.80078	403.53	0	48.849618	-86.932250	56488.68	56231.3	18.75	56507.43	56504.62500	56541.14317	56565.35938	504970.3	5410740.9
L4970.0	504970.3	5410740.9	41359.89844	402.68	0	48.849618	-86.932250	56488.25	56231.3	18.74	56506.99	56504.00391	56548.11997	56572.33984	504970.3	5410740.9
L4970.0	504970.4	5410739.2	41360.10156	402.75	0	48.849602	-86.932249	56487.16	56231.3	18.73	56505.88	56502.71094	56539.70174	56563.92969	504970.4	5410739.2
L4970.0	504970.4	5410738.1	41360.19922	403.97	0	48.849592	-86.932249	56486.90	56231.3	18.72	56505.62	56502.26563	56551.01434	56575.24219	504970.4	5410738.1
L4970.0	504970.4	5410736.7	41360.19922	403.70	0	48.849580	-86.932249	56485.83	56231.3	18.72	56504.55	56501.00781	56543.68969	56567.91016	504970.4	5410736.7
L4970.0	504970.4	5410736.7	41360.39844	403.61	0	48.849580	-86.932249	56485.21	56231.3	18.71	56503.93	56500.19531	56546.84456	56571.05859	504970.4	5410736.7
L4970.0	504970.4	5410735.1	41360.50000	402.13	0	48.849565	-86.932248	56483.91	56231.3	18.71	56502.62	56498.69531	56534.12860	56558.33594	504970.4	5410735.1
L4970.0	504970.5	5410733.7	41360.60156	400.83	0	48.849553	-86.932248	56483.02	56231.3	18.71	56501.73	56497.60938	56531.19174	56555.38672	504970.5	5410733.7
L4970.0	504970.5	5410733.7	41360.69922	401.61	0	48.849553	-86.932248	56482.43	56231.3	18.70	56501.14	56496.82422	56535.25698	56559.43750	504970.5	5410733.7
L4970.0	504970.5	5410732.2	41360.80078	403.07	0	48.849539	-86.932248	56481.41	56231.3	18.70	56500.11	56495.59766	56529.21823	56553.37891	504970.5	5410732.2
L4970.0	504970.5	5410730.8	41360.89844	405.29	0	48.849527	-86.932247	56480.85	56231.3	18.69	56499.55	56494.83594	56534.10297	56558.23828	504970.5	5410730.8
L4970.0	504970.5	5410729.4	41360.89844	406.86	0	48.849514	-86.932247	56479.52	56231.3	18.69	56498.22	56493.30469	56521.24933	56545.36328	504970.5	5410729.4
L4970.0	504970.6	5410728.0	41361.00000	408.61	0	48.849501	-86.932247	56479.34	56231.3	18.69	56498.03	56492.91406	56534.79589	56558.88281	504970.6	5410728.0
L4970.0	504970.6	5410728.0	41361.19922	408.95	0	48.849501	-86.932247	56478.12	56231.3	18.68	56496.80	56491.47656	56524.35607	56548.41406	504970.6	5410728.0
L4970.0	504970.6	5410726.4	41361.30078	409.35	0	48.849487	-86.932246	56477.76	56231.3	18.68	56496.44	56490.91406	56534.06827	56558.08984	504970.6	5410726.4
L4970.0	504970.6	5410725.3	41361.39844	411.02	0	48.849477	-86.932246	56476.48	56231.3	18.67	56495.15	56489.41406	56522.32805	56546.31250	504970.6	5410725.3
L4970.0	504970.6	5410725.3	41361.50000	410.40	0	48.849477	-86.932246	56475.44	56231.3	18.67	56494.10	56488.15625	56516.17133	56540.11719	504970.6	5410725.3
L4970.0	504970.6	5410723.4	41361.60156	408.88	0	48.849460	-86.932246	56474.37	56231.3	18.66	56493.03	56486.87891	56509.58488	56533.49219	504970.6	5410723.4
L4970.0	504970.6	5410722.1	41361.69922	409.89	0	48.849448	-86.932246	56473.66	56231.3	18.65	56492.31	56485.94922	56511.11545	56534.98047	504970.6	5410722.1
L4970.0	504970.6	5410722.1	41361.80078	409.21	0	48.849448	-86.932246	56473.09	56231.3	18.65	56491.74	56485.16797	56516.13632	56539.95313	504970.6	5410722.1
L4970.0	504970.7	5410720.9	41361.89844	410.28	0	48.849438	-86.932245	56472.30	56231.4	18.64	56490.95	56484.16406	56516.09179	56539.85938	504970.7	5410720.9
L4970.0	504970.7	5410719.5	41362.00000	411.73	0	48.849425	-86.932245	56471.69	56231.4	18.64	56490.33	56483.33203	56519.99063	56543.70703	504970.7	5410719.5
L4970.0	504970.7	5410717.6	41362.10156	409.21	0	48.849408	-86.932245	56470.39	56231.4	18.64	56489.03	56481.82031	56508.18357	56531.84766	504970.7	5410717.6
L4970.0	504970.7	5410716.0	41362.19922	406.38	0	48.849394	-86.932245	56469.57	56231.4	18.64	56488.21	56480.78516	56507.47492	56531.08203	504970.7	5410716.0
L4970.0	504970.7	5410716.0	41362.30078	408.47	0	48.849394	-86.932245	56468.32	56231.4	18.64	56486.96	56479.32031	56496.82860	56520.37891	504970.7	5410716.0
L4970.0	504970.7	5410714.6	41362.39844	408.35	0	48.849381	-86.932244	56467.71	56231.4	18.64	56486.35	56478.49609	56500.96876	56524.45313	504970.7	5410714.6
L4970.0	504970.8	5410712.9	41362.50000	406.87	0	48.849365	-86.932244	56466.56	56231.4	18.65	56485.20	56477.13281	56492.61912	56516.04297	504970.8	5410712.9

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4970.0	504970.8	5410711.9	41362.60156	406.59	0	48.849356	-86.932244	56465.82	56231.4	18.65	56484.47	56476.18750	56493.96145	56517.32031	504970.8	5410711.9
L4970.0	504970.8	5410711.9	41362.69922	404.88	0	48.849356	-86.932244	56465.03	56231.4	18.65	56483.67	56475.17188	56493.66614	56516.95703	504970.8	5410711.9
L4970.0	504970.8	5410710.3	41362.80078	407.38	0	48.849342	-86.932244	56464.06	56231.4	18.65	56482.71	56473.99609	56489.64797	56512.86719	504970.8	5410710.3
L4970.0	504970.8	5410709.0	41362.89844	407.72	0	48.849330	-86.932244	56463.50	56231.4	18.65	56482.15	56473.22266	56494.84401	56517.98828	504970.8	5410709.0
L4970.0	504970.8	5410707.4	41362.89844	408.60	0	48.849316	-86.932244	56462.35	56231.4	18.65	56481.00	56471.85547	56486.36879	56509.43750	504970.8	5410707.4
L4970.0	504970.8	5410707.4	41363.00000	408.09	0	48.849316	-86.932244	56461.76	56231.3	18.65	56480.41	56471.05078	56490.79488	56513.78906	504970.8	5410707.4
L4970.0	504970.8	5410705.7	41363.19922	408.72	0	48.849301	-86.932243	56460.33	56231.3	18.65	56478.98	56469.41016	56475.76107	56498.67578	504970.8	5410705.7
L4970.0	504970.9	5410704.2	41363.30078	410.24	0	48.849287	-86.932243	56460.05	56231.3	18.65	56478.70	56468.91797	56487.25327	56510.08203	504970.9	5410704.2
L4970.0	504970.9	5410704.2	41363.39844	409.34	0	48.849287	-86.932243	56458.98	56231.3	18.65	56477.63	56467.63281	56480.43006	56503.17578	504970.9	5410704.2
L4970.0	504970.9	5410702.9	41363.50000	406.58	0	48.849275	-86.932242	56458.37	56231.3	18.65	56477.02	56466.81250	56484.17487	56506.83203	504970.9	5410702.9
L4970.0	504970.9	5410701.3	41363.60156	406.60	0	48.849261	-86.932242	56457.12	56231.3	18.65	56475.77	56465.35156	56473.05964	56495.62891	504970.9	5410701.3
L4970.0	504970.9	5410701.3	41363.69922	406.00	0	48.849261	-86.932242	56456.35	56231.3	18.65	56475.00	56464.37109	56472.96323	56495.44141	504970.9	5410701.3
L4970.0	504971.0	5410699.9	41363.80078	407.09	0	48.849249	-86.932241	56455.58	56231.3	18.65	56474.23	56463.39453	56472.78643	56495.17188	504971.0	5410699.9
L4970.0	504971.0	5410698.4	41363.89844	405.78	0	48.849235	-86.932241	56454.87	56231.3	18.65	56473.52	56462.47656	56473.91006	56496.19531	504971.0	5410698.4
L4970.0	504971.0	5410697.5	41364.00000	405.93	0	48.849227	-86.932241	56454.64	56231.3	18.65	56473.29	56462.04297	56486.03494	56508.22266	504971.0	5410697.5
L4970.0	504971.0	5410697.5	41364.10156	406.27	0	48.849227	-86.932241	56453.59	56231.3	18.65	56472.25	56460.80078	56479.34158	56501.42969	504971.0	5410697.5
L4970.0	504971.1	5410695.9	41364.19922	405.49	0	48.849213	-86.932240	56452.81	56231.3	18.66	56471.46	56459.80859	56478.32190	56500.30859	504971.1	5410695.9
L4970.0	504971.1	5410694.4	41364.30078	405.89	0	48.849199	-86.932240	56451.50	56231.3	18.66	56470.16	56458.30469	56465.40529	56487.28516	504971.1	5410694.4
L4970.0	504971.1	5410692.9	41364.39844	403.63	0	48.849185	-86.932239	56451.09	56231.3	18.66	56469.76	56457.70703	56473.17252	56494.94141	504971.1	5410692.9
L4970.0	504971.2	5410691.6	41364.50000	401.98	0	48.849174	-86.932239	56449.79	56231.3	18.67	56468.45	56456.20313	56459.78607	56481.44531	504971.2	5410691.6
L4970.0	504971.2	5410690.5	41364.60156	402.63	0	48.849164	-86.932238	56449.23	56231.3	18.67	56467.90	56455.45703	56463.83556	56485.38281	504971.2	5410690.5
L4970.0	504971.2	5410690.5	41364.69922	403.89	0	48.849164	-86.932238	56448.41	56231.3	18.67	56467.08	56454.44531	56461.51017	56482.94531	504971.2	5410690.5
L4970.0	504971.2	5410688.8	41364.80078	405.05	0	48.849148	-86.932238	56447.70	56231.3	18.67	56466.37	56453.54688	56461.58591	56482.90234	504971.2	5410688.8
L4970.0	504971.2	5410687.5	41364.89844	406.22	0	48.849137	-86.932238	56447.32	56231.3	18.68	56466.00	56452.98828	56469.37209	56490.56641	504971.2	5410687.5
L4970.0	504971.3	5410685.9	41364.89844	407.64	0	48.849122	-86.932237	56445.78	56231.3	18.68	56464.46	56451.26172	56449.96439	56471.03516	504971.3	5410685.9
L4970.0	504971.3	5410685.9	41365.00000	407.79	0	48.849122	-86.932237	56444.87	56231.3	18.68	56463.55	56450.17188	56444.95671	56465.90234	504971.3	5410685.9
L4970.0	504971.3	5410684.4	41365.19922	406.91	0	48.849109	-86.932237	56443.46	56231.3	18.69	56462.15	56448.58984	56428.45809	56449.27734	504971.3	5410684.4
L4970.0	504971.3	5410683.2	41365.30078	407.28	0	48.849098	-86.932237	56443.74	56231.3	18.69	56462.43	56448.69531	56450.61358	56471.30078	504971.3	5410683.2
L4970.0	504971.3	5410683.2	41365.39844	405.69	0	48.849098	-86.932237	56442.82	56231.3	18.69	56461.52	56447.60938	56445.08742	56465.64063	504971.3	5410683.2
L4970.0	504971.3	5410681.8	41365.50000	404.40	0	48.849086	-86.932237	56442.36	56231.3	18.69	56461.06	56446.98047	56449.77569	56470.19141	504971.3	5410681.8
L4970.0	504971.4	5410679.5	41365.60156	405.12	0	48.849065	-86.932236	56441.39	56231.3	18.70	56460.09	56445.83984	56442.48513	56462.76563	504971.4	5410679.5
L4970.0	504971.4	5410678.2	41365.69922	406.15	0	48.849054	-86.932236	56440.38	56231.3	18.70	56459.08	56444.66797	56434.07160	56454.21094	504971.4	5410678.2
L4970.0	504971.4	5410678.2	41365.80078	405.47	0	48.849054	-86.932236	56439.64	56231.3	18.70	56458.34	56443.76563	56431.69314	56451.68750	504971.4	5410678.2
L4970.0	504971.4	5410677.1	41365.89844	404.58	0	48.849043	-86.932236	56438.46	56231.3	18.71	56457.16	56442.42969	56418.93433	56438.78125	504971.4	5410677.1
L4970.0	504971.4	5410675.3	41366.00000	404.40	0	48.849027	-86.932236	56438.38	56231.3	18.71	56457.09	56442.20313	56431.61118	56451.30859	504971.4	5410675.3
L4970.0	504971.5	5410673.6	41366.10156	406.37	0	48.849012	-86.932235	56437.72	56231.3	18.72	56456.44	56441.40234	56430.65924	56450.20313	504971.5	5410673.6
L4970.0	504971.5	5410673.6	41366.19922	406.25	0	48.849012	-86.932235	56437.64	56231.3	18.73	56456.37	56441.18750	56442.88116	56462.26953	504971.5	5410673.6
L4970.0	504971.5	5410672.2	41366.30078	406.65	0	48.849000	-86.932235	56436.42	56231.3	18.73	56455.15	56439.82422	56428.28806	56447.51953	504971.5	5410672.2
L4970.0	504971.5	5410670.7	41366.39844	410.69	0	48.848986	-86.932235	56435.70	56231.3	18.74	56454.45	56438.98438	56425.46938	56444.53906	504971.5	5410670.7
L4970.0	504971.5	5410670.7	41366.50000	409.29	0	48.848986	-86.932235	56434.71	56231.3	18.75	56453.46	56437.85938	56415.69867	56434.60156	504971.5	5410670.7
L4970.0	504971.5	5410669.3	41366.60156	409.42	0	48.848973	-86.932234	56434.27	56231.2	18.76	56453.03	56437.29688	56418.61418	56437.35156	504971.5	5410669.3
L4970.0	504971.5	5410667.9	41366.69922	410.18	0	48.848960	-86.932234	56433.48	56231.2	18.77	56452.25	56436.39063	56413.17840	56431.74609	504971.5	5410667.9
L4970.0	504971.5	5410667.9	41366.80078	408.99	0	48.848960	-86.932234	56432.84	56231.2	18.77	56451.62	56435.64063	56410.94073	56429.33594	504971.5	5410667.9
L4970.0	504971.6	5410666.2	41366.89844	409.51	0	48.848945	-86.932234	56432.44	56231.2	18.78	56451.22	56435.12109	56413.74391	56431.96094	504971.6	5410666.2
L4970.0	504971.6	5410665.2	41366.89844	411.23	0	48.848937	-86.932234	56431.93	56231.2	18.78	56450.71	56434.49609	56413.72397	56431.75781	504971.6	5410665.2
L4970.0	504971.6	5410663.6	41367.00000	412.06	0	48.848922	-86.932234	56431.68	56231.2	18.79	56450.47	56434.14453	56419.65714	56437.51172	504971.6	5410663.6
L4970.0	504971.6	5410663.6	41367.19922	411.27	0	48.848922	-86.932234	56430.37	56231.2	18.81	56449.18	56432.75000	56401.03054	56418.69922	504971.6	5410663.6
L4970.0	504971.6	5410661.9	41367.30078	407.48	0	48.848907	-86.932233	56430.57	56231.2	18.82	56449.39	56432.85938	56416.77199	56434.25000	504971.6	5410661.9
L4970.0	504971.6	5410660.3	41367.39844	407.21	0	48.848892	-86.932233	56430.02	56231.2	18.83	56448.84	56432.21484	56414.64417	56431.92969	504971.6	5410660.3
L4970.0	504971.6	5410658.5	41367.50000	407.37	0	48.848876	-86.932233	56429.66	56231.2	18.83	56448.49	56431.77344	56416.82814	56433.91406	504971.6	5410658.5
L4970.0	504971.6	5410658.5	41367.60156	404.47	0	48.848876	-86.932233	56429.43	56231.2	18.84	56448.27	56431.46484	56421.70044	56438.58984	504971.6	5410658.5
L4970.0	504971.6	5410657.0	41367.69922	402.22	0	48.848863	-86.932233	56428.86	56231.1	18.85	56447.72	56430.83203	56418.62430	56435.31250	504971.6	5410657.0
L4970.0	504971.6	5410655.6	41367.80078	401.13	0	48.848850	-86.932233	56428.02	56231.1	18.86	56446.89	56429.92578	56408.74982	56425.23047	504971.6	5410655.6
L4970.0	504971.6	5410654.1	41367.89844	401.00	0	48.848836	-86.932234	56427.18	56231.1	18.87	56446.05	56429.01172	56398.31167	56414.58203	504971.6	5410654.1
L4970.0	504971.6	5410654.1	41368.00000	402.68	0	48.848836	-86.932234	56427.46	56231.1	18.88	56446.34	56429.23438	56413.65144	56429.70703	504971.6	5410654.1
L4970.0	504971.6	5410652.5	41368.10156	402.88	0	48.848822	-86.932234	56426.80	56231.1	18.88	56445.68	56428.51172	56406.69259	56422.53125	504971.6	5410652.5
L4970.0	504971.6	5410651.0	41368.19922	403.41	0	48.848809	-86.932234	56426.92	56231.1	18.89	56445.81	56428.58203	56417.64372	56433.26172	504971.6	5410651.0
L4970.0	504971.6	5410651.0	41368.30078	404.72	0	48.848809	-86.932234	56426.14	56231.1	18.89	56445.03	56427.75000	56407.21081	56422.60547	504971.6	5410651.0
L4970.0	504971.6	5410649.5	41368.39844	404.15	0	48.848795	-86.932234	56426.14	56231.1	18.89	56445.03	56427.70313	56414.44718	56429.61328	504971.6	5410649.5
L4970.0	504971.5	5410647.7	41368.50000	404.44	0	48.848779	-86.932234	56425.52	56231.1	18.90	56444.42	56427.05078	56407.22363	56422.16016	504971.5	5410647.7
L4970.0	504971.5	5410646.2	41368.60156	404.85	0	48.848766	-86.932234	56425.49	56231.1	18.90	56444.39	56426.98047	56413.03813	56427.73828	504971.5	5410646.2
L4970.0	504971.5	5410646.2	41368.69922	405.84	0	48.848766	-86.932234	56424.86	56231.1	18.90	56443.76	56426.32031	56404.61516	56419.07813	504971.5	5410646.2
L4970.0	504971.5	5410644.9	41368.80078	405.66	0	48.848754	-86.932235	56424.40	56231.1	18.90	56443.30	56425.83203	56399.74632	56413.96484	504971.5	5410644.9
L4970.0	504971.5	5410643.3	41368.89844	405.27	0	48.848739	-86.932235	56424.04	56231.1	18.91	56442.95	56425.45703	56397.04103	56411.01563	504971.5	5410643.3
L4970.0	504971.5	5410643.3	41368.89844	405.62	0	48.848739	-86.932235	56423.43	56231.1	18.91	56442.33	56424.82031	56387.71331	56401.43750	504971.5	5410643.3
L4970.0	504971.5	5410641.4	41369.00000	409.18	0	48.848723	-86.932235	56423.66	56231.1	18.91	56442.57	56425.04688	56397.87536	56411.34375	504971.5	5410641.4
L4970.0	504971.5	5410641.4	41369.19922	408.02	0	48.848723	-86.932235	56422.96	56231.1	18.92	56441.89	56424.35938	56386.38583	56399.59766	504971.5	5410641.4
L4970.0	504971.5	5410639.8	41369.30078	410.37	0	48.848708	-86.932235	56423.50	56231.1	18.93	56442.43	56424.89844	56402.69970	56415.64844	504971.5	5410639.8
L4970.0	504971.5	5410638.2	41369.39844	410.47	0	48.848694	-86.932235	56422.87	56231.1	18.93	56441.80	56424.26953	56391.57816	56404.26172	504971.5	5410638.2
L4970.0	504971.5	5410636.8	41369.50000	410.48	0	48.848681	-86.932235	56423.48	56231.1	18.94	56442.42	56424.89844	56408.94779	56421.36328	504971.5	5410636.8
L4970.0	504971.5	5410636.8	41369.60156	410.36	0	48.848681	-86.932235	56422.82	56231.1	18.95	56441.77	56424.26172	56396.56576	56408.71094	504971.5	5410636.8
L4970.0	504971.5	5410635.0	41369.69922	410.82	0	48.848665	-86.932235	56422.56	56231	18.95	56441.51	56424.01953	56392.79453	56404.66016	504971.5	5410635.0
L4970.0	504971.5	5410635.0	41369.80078	410.87	0	48.848665	-86.932235	56422.48	56231	18.96	56441.44	56423.97266	56393.00989	56404.59766	504971.5	5410635.0
L4970.0	504971.5	5410633.2	41369.89844	411.66	0	48.848648	-86.932235	56422.48	56231	18.96	56441.44	56424.00000	56394.43675	56405.73828	504971.5	5410633.2
L4970.0	504971.5	5410631.9	41370.00000	412.23	0	48.848637	-86.932235	56422.23	56231	18.97	56441.20	56423.79297	56389.90914	56400.92188	504971.5	5410631.9
L4970.0	504971.5	5410631.9	41370.10156	411.10	0	48.848637	-86.932235	56421.67	56231	18.97	56440.64	56423.27344	56377.57694	56388.29688	504971.5	5410631.9
L4970.0	504971.5	5410630.6	41370.19922	411.55	0	48.848625	-86.932235	56422.43	56231	18.98	56441.41	56424.08594	56395.57278	56405.99609	504971.5	5410630.6
L4970.0	504971.5	5410628.9	41370.30078	409.44	0	48.848609	-86.932235	56421.88	56231	18.98	56440.85	56423.57422	56382.42001	56392.54297	504971.5	5410628.9
L4970.0	504971.5	5410627.4	41370.39844	407.19	0	48.848596	-86.932235	56422.23	56231	18.98	56441.21	56423.98828	56390.11857	56399.93750	504971.5	5410627.4
L4970.0	504971.5	5410627.4	41370.50000	405.07	0	48.848596	-86.932235	56421.90	56231	18.99	56440.88	56423.71484	56381.45919	56390.97266	504971.5	5410627.4
L4970.0	504971.5	5410625.8	41370.60156	405.55	0	48.848582	-86.932235	56422.51	56231	18.99	56441.50	56424.39844	56394.34451	56403.54688	504971.5	5410625.8
L4970.0	504971.5	5410625.8	41370.69922	403.91	0	48.848582	-86.932235	56422.18	56231	18.99	56441.17	56424.13672	56384.86358	56393.75000	504971.5	5410625.8
L4970.0	504971.5	5410624.2	41370.80078	402.67	0	48.848567	-86.932235	56422.18	56231	18.99	56441.17	56424.20703	56382.59955	56391.16797	504971.5	5410624.2
L4970.0	504971.5	5410622.6	41370.89844	401.29	0	48.848553	-86.932235	56422.46	56231	19.00	56441.45	56424.56641	56386.39792	56394.64453	504971.5	5410622.6
L4970.0	504971.5	5410621.3	41370.89844	402.05	0	48.848542	-86.932235	56422.51	56231	19.00	56441.51	56424.70703	56384.70439	56392.62500	504971.5	5410621.3
L4970.0	504971.5	5410620.0	41371.00000	403.11	0	48.848530	-86.932235	56422.89	56231	19.00	56441.89	56425.17188	56390.00072	56397.58984	504971.5	5410620.0
L4970.0	504971.5	5410620.0	41371.19922	405.14	0	48.848530	-86.932235	56422.66	56231	19.00	56441.66	56425.03516	56380.79539	56388.05078	504971.5	5410620.0
L4970.0	504971.5	5410618.4	41371.30078	403.21	0	48.848515	-86.932235	56423.30	56231	19.00	56442.30	56425.76953	56391.29536	56398.21484	504971.5	5410618.4
L4970.0	504971.5	5410617.0	41371.39844	404.98	0	48.848503	-86.932235	56423.43	56231	19.00	56442.42	56425.99219	56389.37857	56395.95703	504971.5	5410617.0
L4970.0	504971.5	5410617.0	41371.50000	405.69	0	48.848503	-86.932235	56423.76	56231	18.99	56442.75	56426.42578	56391.91917	56398.15234	504971.5	5410617.0
L4970.0	504971.5	5410615.4	41371.60156	406.49	0	48.848488	-86.932236	56423.58	56231	18.99	56442.57	56426.35156	56382.28030	56388.16797	504971.5	5410615.4
L4970.0	504971.5	5410613.8	41371.69922	406.49	0	48.848474	-86.932236	56424.42	56231	18.99	56443.42	56427.31641	56396.05685	56401.59375	504971.5	5410613.8
L4970.0	504971.5	5410613.8	41371.80078	405.57	0	48.848474	-86.932236	56424.47	56231	18.99	56443.46	56427.47266	56390.72801	56395.91016	504971.5	5410613.8

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4970.0	504971.4	5410612.4	41371.89844	406.25	0	48.848461	-86.932236	56424.78	56231	18.99	56443.77	56427.90625	56391.25815	56396.08203	504971.4	5410612.4
L4970.0	504971.4	5410610.8	41372.00000	407.62	0	48.848447	-86.932236	56425.14	56231	18.99	56444.13	56428.39063	56392.56735	56397.03125	504971.4	5410610.8
L4970.0	504971.4	5410610.8	41372.10156	408.36	0	48.848447	-86.932236	56425.39	56231	18.99	56444.39	56428.78125	56391.19377	56395.29297	504971.4	5410610.8
L4970.0	504971.4	5410609.3	41372.19922	408.47	0	48.848434	-86.932237	56425.90	56231	19.00	56444.90	56429.42188	56395.23156	56398.96484	504971.4	5410609.3
L4970.0	504971.4	5410607.8	41372.30078	407.85	0	48.848420	-86.932237	56426.19	56231	19.00	56445.19	56429.85156	56393.82395	56397.18359	504971.4	5410607.8
L4970.0	504971.4	5410606.2	41372.39844	406.88	0	48.848406	-86.932237	56427.00	56231	19.01	56446.01	56430.81250	56404.31023	56407.29688	504971.4	5410606.2
L4970.0	504971.4	5410606.2	41372.50000	408.75	0	48.848406	-86.932237	56426.85	56231	19.01	56445.86	56430.80469	56392.02968	56394.64063	504971.4	5410606.2
L4970.0	504971.4	5410604.8	41372.60156	407.66	0	48.848394	-86.932237	56427.59	56231	19.01	56446.60	56431.69531	56399.97573	56402.21094	504971.4	5410604.8
L4970.0	504971.3	5410603.3	41372.69922	409.12	0	48.848379	-86.932237	56428.05	56231	19.02	56447.06	56432.30469	56401.11502	56402.96875	504971.3	5410603.3
L4970.0	504971.3	5410603.3	41372.80078	405.92	0	48.848379	-86.932237	56428.74	56231	19.02	56447.76	56433.16016	56407.47253	56408.94141	504971.3	5410603.3
L4970.0	504971.3	5410601.9	41372.89844	404.88	0	48.848367	-86.932238	56428.66	56231	19.03	56447.69	56433.25000	56395.71331	56396.79297	504971.3	5410601.9
L4970.0	504971.3	5410600.2	41372.89844	406.27	0	48.848351	-86.932238	56429.32	56231	19.03	56448.35	56434.07422	56400.51201	56401.20313	504971.3	5410600.2
L4970.0	504971.3	5410598.5	41373.00000	407.75	0	48.848337	-86.932238	56429.81	56231	19.03	56448.84	56434.72656	56401.07652	56401.37891	504971.3	5410598.5
L4970.0	504971.3	5410598.5	41373.19922	406.60	0	48.848337	-86.932238	56430.24	56231	19.03	56449.27	56435.32813	56399.95745	56399.86719	504971.3	5410598.5
L4970.0	504971.3	5410597.4	41373.30078	406.46	0	48.848327	-86.932238	56431.39	56231	19.03	56450.42	56436.64844	56415.19021	56414.70313	504971.3	5410597.4
L4970.0	504971.3	5410596.1	41373.39844	406.85	0	48.848315	-86.932238	56432.11	56231	19.03	56451.14	56437.54297	56420.20577	56419.32031	504971.3	5410596.1
L4970.0	504971.3	5410596.1	41373.50000	409.16	0	48.848315	-86.932238	56432.97	56231	19.03	56452.00	56438.58203	56428.18677	56426.90234	504971.3	5410596.1
L4970.0	504971.4	5410594.2	41373.60156	408.87	0	48.848298	-86.932237	56433.16	56231	19.03	56452.19	56438.94922	56420.42256	56418.73828	504971.4	5410594.2
L4970.0	504971.4	5410592.3	41373.69922	408.82	0	48.848281	-86.932237	56434.02	56231	19.03	56453.05	56439.99219	56427.89199	56425.80859	504971.4	5410592.3
L4970.0	504971.4	5410592.3	41373.80078	408.84	0	48.848281	-86.932237	56434.40	56231	19.03	56453.43	56440.55859	56424.02713	56421.53906	504971.4	5410592.3
L4970.0	504971.4	5410591.1	41373.89844	409.14	0	48.848270	-86.932237	56435.35	56231	19.03	56454.38	56441.69922	56433.10505	56430.21094	504971.4	5410591.1
L4970.0	504971.4	5410589.9	41374.00000	409.65	0	48.848259	-86.932237	56435.93	56231	19.03	56454.96	56442.46875	56433.41169	56430.11328	504971.4	5410589.9
L4970.0	504971.4	5410588.6	41374.10156	411.59	0	48.848247	-86.932237	56436.55	56231	19.03	56455.58	56443.28125	56434.43341	56430.72656	504971.4	5410588.6
L4970.0	504971.4	5410588.6	41374.19922	413.21	0	48.848247	-86.932237	56437.29	56231	19.03	56456.31	56444.20703	56437.79897	56433.68359	504971.4	5410588.6
L4970.0	504971.4	5410586.8	41374.30078	410.00	0	48.848231	-86.932237	56437.88	56231	19.03	56456.90	56444.99609	56437.74174	56433.21875	504971.4	5410586.8
L4970.0	504971.4	5410585.7	41374.39844	407.83	0	48.848221	-86.932237	56438.92	56231	19.03	56457.94	56446.23438	56447.90877	56442.97656	504971.4	5410585.7
L4970.0	504971.4	5410583.8	41374.50000	407.64	0	48.848204	-86.932237	56439.71	56231	19.03	56458.74	56447.23828	56452.36487	56447.02344	504971.4	5410583.8
L4970.0	504971.4	5410583.8	41374.60156	408.93	0	48.848204	-86.932237	56440.61	56231	19.02	56459.63	56448.33203	56458.74855	56453.00000	504971.4	5410583.8
L4970.0	504971.4	5410582.4	41374.69922	408.58	0	48.848192	-86.932237	56441.47	56231	19.02	56460.49	56449.39844	56464.29841	56458.14063	504971.4	5410582.4
L4970.0	504971.4	5410580.7	41374.80078	407.01	0	48.848176	-86.932237	56442.21	56231	19.02	56461.24	56450.35547	56467.17766	56460.60938	504971.4	5410580.7
L4970.0	504971.4	5410580.7	41374.89844	405.98	0	48.848176	-86.932237	56442.80	56231	19.02	56461.82	56451.14453	56466.01191	56459.03516	504971.4	5410580.7
L4970.0	504971.4	5410579.5	41374.89844	404.86	0	48.848166	-86.932237	56443.54	56231	19.02	56462.56	56452.09766	56468.44028	56461.05469	504971.4	5410579.5
L4970.0	504971.4	5410578.4	41375.00000	405.35	0	48.848155	-86.932237	56444.43	56231	19.02	56463.45	56453.19922	56474.24420	56466.45313	504971.4	5410578.4
L4970.0	504971.4	5410578.4	41375.19922	405.85	0	48.848155	-86.932237	56445.25	56231	19.02	56464.27	56454.23438	56478.35185	56470.15625	504971.4	5410578.4
L4970.0	504971.4	5410576.8	41375.30078	405.66	0	48.848141	-86.932237	56446.40	56231	19.02	56465.42	56455.59766	56490.02050	56481.41797	504971.4	5410576.8
L4970.0	504971.4	5410575.2	41375.39844	405.50	0	48.848127	-86.932237	56447.12	56231	19.02	56466.14	56456.53516	56491.69844	56482.69141	504971.4	5410575.2
L4970.0	504971.4	5410573.7	41375.50000	403.44	0	48.848113	-86.932237	56447.83	56231	19.02	56466.85	56457.46484	56493.10533	56483.69531	504971.4	5410573.7
L4970.0	504971.4	5410572.1	41375.60156	404.25	0	48.848099	-86.932238	56448.74	56231	19.02	56467.76	56458.59375	56499.10752	56489.30078	504971.4	5410572.1
L4970.0	504971.4	5410572.1	41375.69922	401.93	0	48.848099	-86.932238	56449.38	56231	19.02	56468.40	56459.45703	56498.85577	56488.64844	504971.4	5410572.1
L4970.0	504971.4	5410570.5	41375.80078	404.14	0	48.848085	-86.932238	56450.38	56231	19.02	56469.40	56460.67578	56506.92326	56496.32031	504971.4	5410570.5
L4970.0	504971.4	5410570.5	41375.89844	406.81	0	48.848085	-86.932238	56450.96	56231	19.02	56469.98	56461.48047	56505.29630	56494.30078	504971.4	5410570.5
L4970.0	504971.3	5410568.9	41376.00000	406.56	0	48.848070	-86.932238	56451.61	56231	19.02	56470.63	56462.35547	56505.31252	56493.92578	504971.3	5410568.9
L4970.0	504971.3	5410567.5	41376.10156	405.27	0	48.848057	-86.932238	56452.16	56231	19.02	56471.18	56463.12891	56503.05614	56491.28516	504971.3	5410567.5
L4970.0	504971.3	5410565.9	41376.19922	405.71	0	48.848043	-86.932238	56453.21	56231	19.01	56472.22	56464.39453	56512.17587	56500.01953	504971.3	5410565.9
L4970.0	504971.3	5410565.9	41376.30078	406.33	0	48.848043	-86.932238	56453.85	56231	19.01	56472.86	56465.26172	56512.11577	56499.57422	504971.3	5410565.9
L4970.0	504971.3	5410564.1	41376.39844	407.15	0	48.848027	-86.932238	56455.20	56231	19.01	56474.21	56466.83984	56528.54236	56515.62500	504971.3	5410564.1
L4970.0	504971.3	5410562.7	41376.50000	405.63	0	48.848015	-86.932238	56455.99	56231	19.00	56475.00	56467.85938	56532.11728	56518.82813	504971.3	5410562.7
L4970.0	504971.3	5410562.7	41376.60156	406.64	0	48.848015	-86.932238	56456.91	56231	19.00	56475.91	56468.99609	56538.56908	56524.91016	504971.3	5410562.7
L4970.0	504971.3	5410561.1	41376.69922	407.10	0	48.848000	-86.932238	56457.55	56231	19.00	56476.55	56469.86719	56538.89716	56524.87109	504971.3	5410561.1
L4970.0	504971.3	5410559.9	41376.80078	406.56	0	48.847989	-86.932238	56458.09	56231	19.00	56477.08	56470.62500	56536.81203	56522.42578	504971.3	5410559.9
L4970.0	504971.3	5410559.9	41376.89844	406.74	0	48.847989	-86.932238	56458.95	56231	18.99	56477.95	56471.72656	56542.72635	56527.98438	504971.3	5410559.9
L4970.0	504971.3	5410558.1	41376.89844	409.02	0	48.847973	-86.932238	56459.67	56231	18.99	56478.66	56472.66797	56545.09693	56530.00391	504971.3	5410558.1
L4970.0	504971.3	5410556.6	41377.00000	410.72	0	48.847959	-86.932238	56460.69	56231	18.99	56479.68	56473.91797	56554.79838	56539.35938	504971.3	5410556.6
L4970.0	504971.4	5410555.1	41377.19922	409.12	0	48.847946	-86.932238	56461.43	56231	18.99	56480.42	56474.89063	56558.20724	56542.42969	504971.4	5410555.1
L4970.0	504971.4	5410555.1	41377.30078	411.03	0	48.847946	-86.932238	56462.35	56231	19.00	56481.34	56476.03906	56565.96668	56549.85547	504971.4	5410555.1
L4970.0	504971.4	5410553.3	41377.39844	410.03	0	48.847930	-86.932238	56462.50	56231	19.00	56481.50	56476.43359	56556.36392	56539.92188	504971.4	5410553.3
L4970.0	504971.4	5410552.0	41377.50000	409.47	0	48.847918	-86.932238	56463.14	56231	19.00	56482.14	56477.30469	56558.06857	56541.30469	504971.4	5410552.0
L4970.0	504971.4	5410552.0	41377.60156	408.75	0	48.847918	-86.932238	56463.75	56231	19.00	56482.75	56478.14844	56559.30532	56542.22656	504971.4	5410552.0
L4970.0	504971.4	5410549.9	41377.69922	407.68	0	48.847899	-86.932237	56464.72	56231	19.00	56483.72	56479.34766	56569.09876	56551.71484	504971.4	5410549.9
L4970.0	504971.4	5410549.9	41377.80078	406.01	0	48.847899	-86.932237	56465.79	56231	19.01	56484.80	56480.66016	56581.68206	56563.99219	504971.4	5410549.9
L4970.0	504971.4	5410548.5	41377.89844	404.16	0	48.847887	-86.932237	56466.43	56231	19.01	56485.44	56481.53125	56584.35479	56566.37109	504971.4	5410548.5
L4970.0	504971.4	5410547.0	41378.00000	404.11	0	48.847873	-86.932237	56466.92	56231	19.01	56485.93	56482.25391	56583.82970	56565.56250	504971.4	5410547.0
L4970.0	504971.4	5410547.0	41378.10156	402.56	0	48.847873	-86.932237	56466.99	56231	19.01	56486.00	56482.55859	56573.87701	56555.32813	504971.4	5410547.0
L4970.0	504971.4	5410545.1	41378.19922	402.48	0	48.847856	-86.932237	56468.02	56231	19.01	56487.02	56483.80859	56586.16912	56567.35156	504971.4	5410545.1
L4970.0	504971.4	5410545.1	41378.30078	404.77	0	48.847856	-86.932237	56468.42	56231	19.01	56487.43	56484.45313	56584.66215	56565.58203	504971.4	5410545.1
L4970.0	504971.4	5410543.2	41378.39844	406.49	0	48.847839	-86.932238	56469.65	56231	19.01	56488.65	56485.90234	56602.18352	56582.84766	504971.4	5410543.2
L4970.0	504971.4	5410541.6	41378.50000	405.11	0	48.847825	-86.932238	56469.70	56231	19.01	56488.70	56486.18750	56592.98204	56573.40234	504971.4	5410541.6
L4970.0	504971.4	5410540.4	41378.60156	404.80	0	48.847813	-86.932238	56469.93	56231	19.00	56488.93	56486.64844	56588.26673	56568.44922	504971.4	5410540.4
L4970.0	504971.4	5410540.4	41378.69922	408.13	0	48.847813	-86.932238	56470.03	56231	19.00	56489.03	56486.98047	56580.88160	56560.83594	504971.4	5410540.4
L4970.0	504971.4	5410539.1	41378.80078	408.75	0	48.847802	-86.932238	56470.64	56231	19.00	56489.64	56487.82031	56585.62604	56565.36328	504971.4	5410539.1
L4970.0	504971.4	5410539.1	41378.89844	407.37	0	48.847802	-86.932238	56471.74	56231	19.00	56490.74	56489.15234	56602.04568	56581.57422	504971.4	5410539.1
L4970.0	504971.4	5410537.2	41378.89844	407.79	0	48.847785	-86.932238	56471.87	56231	19.00	56490.87	56489.51172	56596.40561	56575.73438	504971.4	5410537.2
L4970.0	504971.4	5410535.8	41379.00000	409.20	0	48.847772	-86.932238	56472.73	56231	19.00	56491.73	56490.60156	56608.00216	56587.14453	504971.4	5410535.8
L4970.0	504971.3	5410534.4	41379.19922	409.35	0	48.847760	-86.932238	56472.91	56231	19.00	56491.92	56491.02344	56604.48640	56583.44922	504971.3	5410534.4
L4970.0	504971.3	5410534.4	41379.30078	409.90	0	48.847760	-86.932238	56473.55	56231	19.00	56492.55	56491.88281	56611.51835	56590.31250	504971.3	5410534.4
L4970.0	504971.3	5410533.0	41379.39844	410.36	0	48.847747	-86.932239	56473.24	56231	19.00	56492.25	56491.80859	56597.44170	56576.07813	504971.3	5410533.0
L4970.0	504971.3	5410531.6	41379.50000	411.19	0	48.847735	-86.932239	56473.70	56231	19.01	56492.71	56492.50000	56601.32029	56579.81250	504971.3	5410531.6
L4970.0	504971.3	5410531.6	41379.60156	413.25	0	48.847735	-86.932239	56474.19	56231	19.01	56493.19	56493.20703	56606.05721	56584.41406	504971.3	5410531.6
L4970.0	504971.3	5410530.1	41379.69922	411.06	0	48.847721	-86.932239	56474.88	56231	19.01	56493.89	56494.13672	56616.27977	56594.51172	504971.3	5410530.1
L4970.0	504971.3	5410528.2	41379.80078	411.35	0	48.847704	-86.932239	56475.29	56231	19.01	56494.29	56494.76172	56619.97484	56598.09375	504971.3	5410528.2
L4970.0	504971.3	5410526.7	41379.89844	410.65	0	48.847691	-86.932239	56475.28	56231	19.01	56494.29	56494.99219	56614.83561	56592.85156	504971.3	5410526.7
L4970.0	504971.3	5410526.7	41380.00000	410.70	0	48.847691	-86.932239	56475.14	56231	19.01	56494.15	56495.07813	56606.87498	56584.80078	504971.3	5410526.7
L4970.0	504971.3	5410525.0	41380.10156	409.69	0	48.847675	-86.932239	56475.06	56231	19.01	56494.07	56495.22266	56600.71882	56578.57031	504971.3	5410525.0
L4970.0	504971.3	5410523.9	41380.19922	408.84	0	48.847665	-86.932240	56475.44	56231	19.01	56494.45	56495.83203	56605.61486	56583.39844	504971.3	5410523.9
L4970.0	504971.3	5410522.3	41380.30078	410.27	0	48.847651	-86.932240	56475.26	56231	19.01	56494.27	56495.87500	56597.99248	56575.72266	504971.3	5410522.3
L4970.0	504971.3	5410522.3	41380.39844	409.75	0	48.847651	-86.932240	56475.92	56231	19.01	56494.94	56496.76953	56610.44106	56588.12891	504971.3	5410522.3
L4970.0	504971.3	5410520.5	41380.50000	409.84	0	48.847635	-86.932240	56476.36	56231	19.01	56495.37	56497.42578	56617.77146	56595.43359	504971.3	5410520.5
L4970.0	504971.3	5410520.5	41380.60156	408.84	0	48.847635	-86.932240	56476.56	56231	19.02	56495.58	56497.85938	56620.44769	56598.09375	504971.3	5410520.5
L4970.0	504971.3	5410519.1	41380.69922	409.19	0	48.847622	-86.932240	56476.31	56231	19.02	56495.33	56497.83203	56612.92445	56590.56641	504971.3	5410519.1
L4970.0	504971.3	5410517.8	41380.80078	408.90	0	48.847611	-86.932240	56476.48	56231	19.02	56495.50	56498.22656	56615.54070	56593.19141	504971.3	5410517.8
L4970.0	504971.3	5410516.5	41380.89844	410.13	0	48.847598	-86.932240	56476.48	56231	19.02	56495.50	56498.44922	56614.66151	56592.33594	504971.3	5410516.5
L4970.0	504971.3	5410516.5	41380.89844	411.65	0	48.847598	-86.932240	56476.44	56231	19.02	56495.46	56498.62891	56613.29169	56591.00000	504971.3	5410516.5
L4970.0	504971.3	5410514.5	41381.00000	410.90	0	48.847580	-86.932239	56476.77	56231	19.02	56495.79	56499.17969	56620.90686	56598.66406	504971.3	5410514.5

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4970.0	504971.3	5410513.2	41381.19922	411.43	0	48.847569	-86.932239	56476.46	56231	19.02	56495.48	56499.08984	56614.16432	56591.98438	504971.3	5410513.2
L4970.0	504971.3	5410513.2	41381.30078	409.80	0	48.847569	-86.932239	56476.43	56231	19.03	56495.46	56499.29297	56614.55686	56592.45313	504971.3	5410513.2
L4970.0	504971.3	5410511.7	41381.39844	410.67	0	48.847556	-86.932239	56475.98	56231	19.03	56495.00	56499.05078	56605.21226	56583.19922	504971.3	5410511.7
L4970.0	504971.3	5410510.4	41381.50000	411.09	0	48.847544	-86.932239	56476.08	56231	19.03	56495.11	56499.37891	56609.47156	56587.55859	504971.3	5410510.4
L4970.0	504971.3	5410509.1	41381.60156	413.20	0	48.847533	-86.932239	56475.95	56231	19.03	56494.98	56499.46875	56608.61302	56586.81641	504971.3	5410509.1
L4970.0	504971.3	5410507.8	41381.69922	414.19	0	48.847520	-86.932239	56475.88	56231	19.03	56494.91	56499.61719	56609.56804	56587.90234	504971.3	5410507.8
L4970.0	504971.3	5410507.8	41381.80078	413.97	0	48.847520	-86.932239	56475.54	56231	19.04	56494.58	56499.50391	56604.93876	56583.41406	504971.3	5410507.8
L4970.0	504971.3	5410505.6	41381.89844	411.69	0	48.847501	-86.932239	56475.54	56231	19.04	56494.58	56499.71875	56608.35828	56586.99219	504971.3	5410505.6
L4970.0	504971.3	5410505.6	41382.00000	412.36	0	48.847501	-86.932239	56475.72	56231	19.04	56494.76	56500.11328	56616.35707	56595.16016	504971.3	5410505.6
L4970.0	504971.3	5410504.1	41382.10156	413.25	0	48.847487	-86.932239	56475.18	56231	19.04	56494.23	56499.80078	56608.36296	56587.35156	504971.3	5410504.1
L4970.0	504971.3	5410502.9	41382.19922	412.39	0	48.847477	-86.932239	56475.21	56231	19.04	56494.25	56500.03516	56613.49277	56592.67969	504971.3	5410502.9
L4970.0	504971.3	5410502.9	41382.30078	412.45	0	48.847477	-86.932239	56474.68	56231	19.04	56493.72	56499.71875	56606.32043	56585.71875	504971.3	5410502.9
L4970.0	504971.3	5410501.3	41382.39844	412.42	0	48.847462	-86.932239	56474.70	56231	19.04	56493.74	56499.94922	56612.26443	56591.88672	504971.3	5410501.3
L4970.0	504971.3	5410500.1	41382.50000	409.63	0	48.847451	-86.932239	56474.57	56231	19.04	56493.62	56500.04297	56615.37383	56595.23438	504971.3	5410500.1
L4970.0	504971.3	5410498.8	41382.60156	409.05	0	48.847440	-86.932239	56474.04	56231	19.05	56493.08	56499.71484	56609.17308	56589.28516	504971.3	5410498.8
L4970.0	504971.3	5410498.8	41382.69922	409.90	0	48.847440	-86.932239	56473.24	56231	19.05	56492.29	56499.13281	56597.58648	56577.96484	504971.3	5410498.8
L4970.0	504971.3	5410497.2	41382.80078	409.05	0	48.847425	-86.932239	56472.99	56231	19.05	56492.04	56499.09375	56598.86708	56579.52344	504971.3	5410497.2
L4970.0	504971.3	5410497.2	41382.89844	409.23	0	48.847425	-86.932239	56472.56	56231	19.05	56491.60	56498.86328	56596.13861	56577.08594	504971.3	5410497.2
L4970.0	504971.3	5410495.4	41382.89844	409.00	0	48.847409	-86.932239	56472.13	56231	19.05	56491.17	56498.64063	56594.01809	56575.27344	504971.3	5410495.4
L4970.0	504971.3	5410493.9	41383.00000	408.22	0	48.847395	-86.932239	56472.20	56230.9	19.05	56491.25	56498.92969	56604.05571	56585.62891	504971.3	5410493.9
L4970.0	504971.3	5410492.3	41383.19922	406.23	0	48.847381	-86.932239	56471.66	56230.9	19.05	56490.72	56498.60547	56600.36125	56582.26953	504971.3	5410492.3
L4970.0	504971.3	5410491.0	41383.30078	405.54	0	48.847370	-86.932239	56471.51	56230.9	19.06	56490.56	56498.64844	56605.57797	56587.82813	504971.3	5410491.0
L4970.0	504971.3	5410491.0	41383.39844	404.83	0	48.847370	-86.932239	56470.70	56230.9	19.06	56489.75	56498.04297	56596.12645	56578.73438	504971.3	5410491.0
L4970.0	504971.3	5410489.4	41383.50000	403.20	0	48.847355	-86.932240	56470.46	56230.9	19.06	56489.52	56498.01953	56600.42747	56583.40625	504971.3	5410489.4
L4970.0	504971.3	5410489.4	41383.60156	403.16	0	48.847355	-86.932240	56469.70	56230.9	19.06	56488.76	56497.46094	56592.82131	56576.18359	504971.3	5410489.4
L4970.0	504971.3	5410487.8	41383.69922	403.98	0	48.847341	-86.932240	56468.98	56230.9	19.06	56488.04	56496.94141	56586.47505	56570.23438	504971.3	5410487.8
L4970.0	504971.3	5410486.2	41383.80078	404.49	0	48.847327	-86.932240	56468.22	56230.9	19.07	56487.28	56496.38281	56579.53334	56563.70313	504971.3	5410486.2
L4970.0	504971.3	5410484.8	41383.89844	405.87	0	48.847314	-86.932240	56467.45	56230.9	19.07	56486.52	56495.82031	56572.91406	56557.50000	504971.3	5410484.8
L4970.0	504971.3	5410484.8	41384.00000	405.58	0	48.847314	-86.932240	56467.32	56230.9	19.07	56486.39	56495.89063	56581.17066	56566.19141	504971.3	5410484.8
L4970.0	504971.3	5410483.2	41384.10156	406.20	0	48.847299	-86.932240	56466.54	56230.9	19.07	56485.61	56495.30859	56574.71398	56560.17578	504971.3	5410483.2
L4970.0	504971.3	5410481.7	41384.19922	406.26	0	48.847285	-86.932240	56466.20	56230.9	19.08	56485.28	56495.17188	56578.95959	56564.87891	504971.3	5410481.7
L4970.0	504971.3	5410481.7	41384.30078	408.17	0	48.847285	-86.932240	56465.13	56230.9	19.08	56484.21	56494.29688	56566.39821	56552.78516	504971.3	5410481.7
L4970.0	504971.3	5410479.7	41384.39844	405.75	0	48.847267	-86.932240	56465.06	56230.9	19.09	56484.15	56494.42969	56577.46762	56564.33203	504971.3	5410479.7
L4970.0	504971.3	5410478.7	41384.50000	407.47	0	48.847259	-86.932240	56464.32	56230.9	19.10	56483.41	56493.88281	56573.10280	56560.45313	504971.3	5410478.7
L4970.0	504971.3	5410477.4	41384.60156	408.70	0	48.847247	-86.932240	56463.93	56230.9	19.10	56483.03	56493.69531	56577.33245	56565.18359	504971.3	5410477.4
L4970.0	504971.3	5410475.8	41384.69922	407.79	0	48.847233	-86.932240	56463.04	56230.9	19.11	56482.14	56492.99219	56570.04273	56558.40625	504971.3	5410475.8
L4970.0	504971.3	5410475.8	41384.80078	407.01	0	48.847233	-86.932240	56462.12	56230.9	19.11	56481.23	56492.26953	56562.55109	56551.43359	504971.3	5410475.8
L4970.0	504971.3	5410474.3	41384.89844	406.99	0	48.847219	-86.932240	56461.51	56230.9	19.12	56480.62	56491.84766	56562.24607	56551.65625	504971.3	5410474.3
L4970.0	504971.3	5410472.7	41384.89844	407.45	0	48.847205	-86.932239	56460.66	56230.9	19.12	56479.78	56491.19141	56556.87163	56546.82031	504971.3	5410472.7
L4970.0	504971.3	5410472.7	41385.00000	408.45	0	48.847205	-86.932239	56460.43	56230.9	19.12	56479.55	56491.14453	56565.83417	56556.33203	504971.3	5410472.7
L4970.0	504971.3	5410471.3	41385.19922	408.47	0	48.847192	-86.932239	56459.54	56230.9	19.12	56478.66	56490.43750	56559.77534	56550.83203	504971.3	5410471.3
L4970.0	504971.3	5410469.9	41385.30078	404.46	0	48.847180	-86.932239	56459.41	56230.9	19.12	56478.53	56490.48828	56571.50612	56563.12891	504971.3	5410469.9
L4970.0	504971.3	5410468.1	41385.39844	405.52	0	48.847163	-86.932239	56458.16	56230.9	19.12	56477.28	56489.41406	56557.57035	56549.76953	504971.3	5410468.1
L4970.0	504971.3	5410468.1	41385.50000	405.71	0	48.847163	-86.932239	56457.32	56230.9	19.12	56476.44	56488.75391	56553.32131	56546.10156	504971.3	5410468.1
L4970.0	504971.3	5410466.9	41385.60156	405.68	0	48.847153	-86.932239	56456.32	56230.9	19.12	56475.44	56487.92578	56545.57868	56538.94922	504971.3	5410466.9
L4970.0	504971.3	5410465.0	41385.69922	408.06	0	48.847136	-86.932240	56455.54	56230.9	19.12	56474.66	56487.32031	56543.11791	56537.08594	504971.3	5410465.0
L4970.0	504971.3	5410465.0	41385.80078	407.62	0	48.847136	-86.932240	56454.84	56230.9	19.12	56473.96	56486.78906	56542.69663	56537.26953	504971.3	5410465.0
L4970.0	504971.3	5410463.9	41385.89844	406.79	0	48.847125	-86.932240	56453.90	56230.9	19.12	56473.02	56486.01953	56536.91252	56532.09766	504971.3	5410463.9
L4970.0	504971.3	5410462.3	41386.00000	409.53	0	48.847111	-86.932240	56453.70	56230.9	19.12	56472.82	56485.98828	56548.40798	56544.21094	504971.3	5410462.3
L4970.0	504971.3	5410461.0	41386.10156	409.81	0	48.847099	-86.932240	56452.70	56230.9	19.12	56471.82	56485.15234	56541.58511	56538.01172	504971.3	5410461.0
L4970.0	504971.3	5410461.0	41386.19922	408.65	0	48.847099	-86.932240	56452.24	56230.9	19.13	56471.37	56484.86328	56547.63763	56544.69141	504971.3	5410461.0
L4970.0	504971.3	5410459.4	41386.30078	410.20	0	48.847085	-86.932240	56451.02	56230.9	19.13	56470.15	56483.80469	56536.05230	56533.74219	504971.3	5410459.4
L4970.0	504971.3	5410459.4	41386.39844	410.44	0	48.847085	-86.932240	56450.74	56230.9	19.14	56469.87	56483.68359	56546.34308	56544.67188	504971.3	5410459.4
L4970.0	504971.3	5410458.0	41386.50000	409.02	0	48.847072	-86.932240	56449.46	56230.9	19.14	56468.60	56482.57031	56533.89905	56532.87109	504971.3	5410458.0
L4970.0	504971.3	5410456.4	41386.60156	410.72	0	48.847058	-86.932240	56449.03	56230.9	19.14	56468.17	56482.29297	56541.00774	56540.62891	504971.3	5410456.4
L4970.0	504971.2	5410455.2	41386.69922	411.90	0	48.847048	-86.932241	56448.39	56230.9	19.15	56467.54	56481.81250	56543.62746	56543.90234	504971.2	5410455.2
L4970.0	504971.2	5410455.2	41386.80078	411.30	0	48.847048	-86.932241	56447.01	56230.8	19.15	56466.16	56480.58203	56529.04116	56529.96875	504971.2	5410455.2
L4970.0	504971.2	5410453.4	41386.89844	411.26	0	48.847031	-86.932241	56445.86	56230.8	19.16	56465.01	56479.57813	56519.89213	56521.48047	504971.2	5410453.4
L4970.0	504971.2	5410452.3	41386.89844	410.28	0	48.847021	-86.932241	56445.07	56230.8	19.16	56464.23	56478.94141	56519.41031	56521.65625	504971.2	5410452.3
L4970.0	504971.2	5410450.5	41387.00000	409.98	0	48.847005	-86.932242	56444.66	56230.8	19.16	56463.82	56478.67188	56527.59022	56530.50000	504971.2	5410450.5
L4970.0	504971.2	5410450.5	41387.19922	408.58	0	48.847005	-86.932242	56443.54	56230.8	19.16	56462.70	56477.69141	56519.46631	56523.04297	504971.2	5410450.5
L4970.0	504971.2	5410448.8	41387.30078	409.27	0	48.846990	-86.932242	56442.93	56230.8	19.16	56462.09	56477.21875	56523.22907	56527.46875	504971.2	5410448.8
L4970.0	504971.1	5410447.4	41387.39844	411.28	0	48.846977	-86.932242	56441.96	56230.8	19.16	56461.12	56476.37891	56518.76657	56523.67188	504971.1	5410447.4
L4970.0	504971.1	5410447.4	41387.50000	410.97	0	48.846977	-86.932242	56441.55	56230.8	19.17	56460.71	56476.10156	56527.33621	56532.91016	504971.1	5410447.4
L4970.0	504971.2	5410445.5	41387.60156	409.62	0	48.846960	-86.932242	56440.07	56230.8	19.17	56459.23	56474.74609	56511.26176	56517.50391	504971.2	5410445.5
L4970.0	504971.2	5410444.2	41387.69922	409.93	0	48.846948	-86.932242	56439.48	56230.8	19.17	56458.64	56474.28125	56515.83657	56522.74609	504971.2	5410444.2
L4970.0	504971.2	5410442.8	41387.80078	409.03	0	48.846936	-86.932242	56438.38	56230.8	19.17	56457.55	56473.31250	56508.93141	56516.50781	504971.2	5410442.8
L4970.0	504971.2	5410442.8	41387.89844	410.00	0	48.846936	-86.932242	56438.08	56230.8	19.17	56457.25	56473.12891	56520.35535	56528.59375	504971.2	5410442.8
L4970.0	504971.2	5410441.4	41388.00000	409.13	0	48.846923	-86.932242	56437.16	56230.8	19.17	56456.33	56472.32422	56517.51721	56526.41797	504971.2	5410441.4
L4970.0	504971.2	5410439.7	41388.10156	408.08	0	48.846908	-86.932242	56436.09	56230.8	19.17	56455.26	56471.36719	56511.27509	56520.83594	504971.2	5410439.7
L4970.0	504971.2	5410439.7	41388.19922	409.00	0	48.846908	-86.932242	56435.14	56230.8	19.17	56454.31	56470.52344	56507.86501	56518.08594	504971.2	5410439.7
L4970.0	504971.2	5410438.2	41388.30078	408.14	0	48.846894	-86.932241	56433.71	56230.8	19.17	56452.88	56469.19922	56493.41629	56504.29297	504971.2	5410438.2
L4970.0	504971.2	5410438.2	41388.39844	406.49	0	48.846894	-86.932241	56433.41	56230.8	19.17	56452.57	56468.99219	56504.90320	56516.43359	504971.2	5410438.2
L4970.0	504971.2	5410436.6	41388.50000	406.24	0	48.846880	-86.932241	56431.72	56230.8	19.17	56450.89	56467.41016	56484.77505	56496.95313	504971.2	5410436.6
L4970.0	504971.2	5410435.0	41388.60156	405.64	0	48.846865	-86.932241	56431.65	56230.8	19.16	56450.81	56467.42578	56501.66881	56514.48828	504971.2	5410435.0
L4970.0	504971.2	5410435.0	41388.69922	405.73	0	48.846865	-86.932241	56430.32	56230.8	19.16	56449.48	56466.18750	56489.71400	56503.17578	504971.2	5410435.0
L4970.0	504971.3	5410432.1	41388.80078	405.51	0	48.846840	-86.932241	56429.91	56230.8	19.16	56449.07	56465.86328	56499.05885	56513.15625	504971.3	5410432.1
L4970.0	504971.3	5410432.1	41388.89844	406.83	0	48.846840	-86.932241	56428.64	56230.8	19.16	56447.80	56464.67969	56488.56220	56503.28906	504971.3	5410432.1
L4970.0	504971.3	5410430.3	41388.89844	407.58	0	48.846824	-86.932241	56427.69	56230.8	19.16	56446.85	56463.80859	56485.49237	56500.83984	504971.3	5410430.3
L4970.0	504971.2	5410428.4	41389.00000	406.13	0	48.846806	-86.932241	56427.11	56230.8	19.16	56446.27	56463.30469	56491.00209	56506.96875	504971.2	5410428.4
L4970.0	504971.2	5410428.4	41389.19922	405.74	0	48.846806	-86.932241	56425.90	56230.8	19.17	56445.07	56462.17969	56482.20848	56498.78516	504971.2	5410428.4
L4970.0	504971.2	5410427.2	41389.30078	408.01	0	48.846796	-86.932241	56425.57	56230.8	19.17	56444.74	56461.91797	56493.54475	56510.72656	504971.2	5410427.2
L4970.0	504971.2	5410426.1	41389.39844	408.98	0	48.846786	-86.932241	56424.27	56230.8	19.17	56443.44	56460.68359	56482.48368	56500.26172	504971.2	5410426.1
L4970.0	504971.2	5410424.5	41389.39844	407.65	0	48.846771	-86.932241	56423.99	56230.8	19.17	56443.16	56460.46875	56495.01436	56513.37891	504971.2	5410424.5
L4970.0	504971.2	5410424.5	41389.60156	407.68	0	48.846771	-86.932241	56422.23	56230.8	19.18	56441.40	56458.76563	56473.35638	56492.30469	504971.2	5410424.5
L4970.0	504971.2	5410422.8	41389.60156	408.00	0	48.846756	-86.932241	56421.82	56230.8	19.18	56441.00	56458.41797	56483.14362	56502.66406	504971.2	5410422.8
L4970.0	504971.2	5410422.8	41389.80078	409.60	0	48.846756	-86.932241	56420.54	56230.8	19.18	56439.73	56457.19922	56472.83595	56492.92188	504971.2	5410422.8
L4970.0	504971.3	5410420.9	41389.89844	408.76	0	48.846739	-86.932241	56420.19	56230.8	19.19	56439.38	56456.89844	56483.80064	56504.43750	504971.3	5410420.9
L4970.0	504971.3	5410419.6	41389.89844	408.74	0	48.846727	-86.932241	56419.57	56230.8	19.19	56438.76	56456.32031	56488.53349	56509.71484	504971.3	5410419.6
L4970.0	504971.3	5410418.2	41390.00000	406.72	0	48.846714	-86.932241	56418.56	56230.8	19.19	56437.75	56455.34766	56484.25947	56505.97656	504971.3	5410418.2
L4970.0	504971.3	5410418.2	41390.19922	407.20	0	48.846714	-86.932241	56417.56	56230.8	19.18	56436.74	56454.37500	56479.99039	56502.23047	504971.3	5410418.2
L4970.0	504971.3	5410417.0	41390.19922	405.43	0	48.846704	-86.932241	56416.46	56230.8	19.18	56435.65	56453.31250	56473.87585	56496.63281	504971.3	5410417.0
L4970.0	504971.3	5410415.2	41390.39844	407.34	0	48.846687	-86.932241	56416.28	56230.8	19.18	56435.46	56453.15234	56488.56351	56511.82031	504971.3	5410415.2

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4970.0	504971.3	5410415.2	41390.50000	408.50	0	48.846687	-86.932241	56414.81	56230.8	19.18	56433.98	56451.69141	56473.43840	56497.18750	504971.3	5410415.2
L4970.0	504971.3	5410413.8	41390.60156	407.12	0	48.846675	-86.932241	56414.24	56230.8	19.17	56433.41	56451.14063	56479.34408	56503.57422	504971.3	5410413.8
L4970.0	504971.3	5410412.4	41390.69922	405.53	0	48.846662	-86.932241	56412.81	56230.8	19.17	56431.98	56449.72656	56465.37251	56490.07422	504971.3	5410412.4
L4970.0	504971.3	5410412.4	41390.80078	405.00	0	48.846662	-86.932241	56412.50	56230.8	19.17	56431.67	56449.42578	56477.28293	56502.44141	504971.3	5410412.4
L4970.0	504971.3	5410411.3	41390.89844	407.76	0	48.846652	-86.932241	56411.66	56230.8	19.16	56430.83	56448.59375	56476.94082	56502.54297	504971.3	5410411.3
L4970.0	504971.3	5410409.5	41390.89844	407.67	0	48.846636	-86.932240	56410.62	56230.8	19.16	56429.78	56447.54688	56471.74087	56497.77344	504971.3	5410409.5
L4970.0	504971.3	5410408.2	41391.00000	409.26	0	48.846624	-86.932240	56409.42	56230.8	19.16	56428.58	56446.34375	56463.06897	56489.51953	504971.3	5410408.2
L4970.0	504971.3	5410406.8	41391.19922	409.46	0	48.846612	-86.932240	56408.32	56230.8	19.16	56427.48	56445.23828	56456.70219	56483.55859	504971.3	5410406.8
L4970.0	504971.3	5410406.8	41391.30078	410.28	0	48.846612	-86.932240	56407.96	56230.8	19.16	56427.12	56444.86719	56467.43106	56494.67969	504971.3	5410406.8
L4970.0	504971.3	5410405.3	41391.39844	411.01	0	48.846598	-86.932240	56406.66	56230.8	19.16	56425.82	56443.55469	56456.42806	56484.05469	504971.3	5410405.3
L4970.0	504971.3	5410403.8	41391.50000	411.13	0	48.846585	-86.932240	56406.59	56230.8	19.17	56425.75	56443.46875	56473.84409	56501.83594	504971.3	5410403.8
L4970.0	504971.4	5410402.5	41391.60156	411.42	0	48.846573	-86.932240	56405.59	56230.8	19.17	56424.76	56442.45703	56469.98943	56498.33203	504971.4	5410402.5
L4970.0	504971.4	5410402.5	41391.69922	410.60	0	48.846573	-86.932240	56405.16	56230.8	19.17	56424.32	56441.98828	56478.83722	56507.51953	504971.4	5410402.5
L4970.0	504971.4	5410401.2	41391.80078	408.35	0	48.846561	-86.932240	56403.75	56230.8	19.17	56422.92	56440.55859	56465.48906	56494.49219	504971.4	5410401.2
L4970.0	504971.4	5410399.9	41391.89844	408.66	0	48.846549	-86.932239	56402.86	56230.8	19.17	56422.03	56439.63672	56463.91820	56493.23047	504971.4	5410399.9
L4970.0	504971.4	5410399.9	41392.00000	408.17	0	48.846549	-86.932239	56401.89	56230.8	19.17	56421.06	56438.62891	56460.48869	56490.09375	504971.4	5410399.9
L4970.0	504971.4	5410398.3	41392.10156	407.28	0	48.846536	-86.932239	56400.69	56230.8	19.17	56419.86	56437.38672	56451.73361	56481.61719	504971.4	5410398.3
L4970.0	504971.4	5410396.7	41392.19922	409.91	0	48.846521	-86.932239	56400.18	56230.8	19.16	56419.34	56436.82031	56458.68402	56488.82813	504971.4	5410396.7
L4970.0	504971.4	5410395.5	41392.30078	411.73	0	48.846510	-86.932239	56399.18	56230.8	19.16	56418.35	56435.78125	56454.76180	56485.15625	504971.4	5410395.5
L4970.0	504971.4	5410395.5	41392.39844	410.81	0	48.846510	-86.932239	56398.95	56230.8	19.16	56418.11	56435.48438	56468.16257	56498.78906	504971.4	5410395.5
L4970.0	504971.5	5410394.0	41392.50000	409.61	0	48.846497	-86.932239	56397.84	56230.8	19.15	56416.99	56434.30859	56461.21489	56492.05859	504971.5	5410394.0
L4970.0	504971.5	5410392.4	41392.60156	405.94	0	48.846482	-86.932238	56396.94	56230.8	19.15	56416.09	56433.34766	56459.34108	56490.38672	504971.5	5410392.4
L4970.0	504971.5	5410392.4	41392.69922	408.58	0	48.846482	-86.932238	56395.31	56230.9	19.15	56414.46	56431.65234	56440.58542	56471.81641	504971.5	5410392.4
L4970.0	504971.5	5410390.3	41392.80078	409.37	0	48.846464	-86.932238	56394.48	56230.9	19.15	56413.63	56430.75391	56440.30813	56471.71094	504971.5	5410390.3
L4970.0	504971.5	5410388.9	41392.89844	407.45	0	48.846451	-86.932238	56393.90	56230.9	19.14	56413.04	56430.08984	56445.56693	56477.12500	504971.5	5410388.9
L4970.0	504971.5	5410387.5	41392.89844	406.07	0	48.846438	-86.932238	56393.01	56230.9	19.14	56412.15	56429.12500	56443.88178	56475.57813	504971.5	5410387.5
L4970.0	504971.5	5410387.5	41393.00000	405.31	0	48.846438	-86.932238	56392.63	56230.9	19.14	56411.76	56428.65625	56453.74175	56485.56250	504971.5	5410387.5
L4970.0	504971.5	5410385.5	41393.19922	405.66	0	48.846421	-86.932238	56391.53	56230.9	19.13	56410.66	56427.47266	56447.18229	56479.10938	504971.5	5410385.5
L4970.0	504971.5	5410384.1	41393.30078	404.48	0	48.846408	-86.932237	56391.22	56230.9	19.13	56410.35	56427.07422	56458.87038	56490.89063	504971.5	5410384.1
L4970.0	504971.6	5410382.4	41393.39844	404.53	0	48.846393	-86.932237	56390.00	56230.9	19.13	56409.12	56425.75391	56449.28588	56481.38281	504971.6	5410382.4
L4970.0	504971.6	5410382.4	41393.50000	402.60	0	48.846393	-86.932237	56389.31	56230.9	19.13	56408.43	56424.97266	56452.17134	56484.32813	504971.6	5410382.4
L4970.0	504971.6	5410381.3	41393.60156	403.19	0	48.846383	-86.932237	56387.88	56230.9	19.12	56407.00	56423.44531	56437.94448	56470.14453	504971.6	5410381.3
L4970.0	504971.6	5410379.2	41393.69922	401.94	0	48.846364	-86.932236	56387.46	56230.9	19.12	56406.58	56422.92578	56447.05015	56479.27734	504971.6	5410379.2
L4970.0	504971.6	5410379.2	41393.80078	402.00	0	48.846364	-86.932236	56386.55	56230.9	19.12	56405.67	56421.91016	56444.82158	56477.06250	504971.6	5410379.2
L4970.0	504971.7	5410377.8	41393.89844	403.34	0	48.846351	-86.932236	56386.04	56230.9	19.11	56405.16	56421.29297	56451.82796	56484.06641	504971.7	5410377.8
L4970.0	504971.7	5410376.6	41394.00000	403.62	0	48.846340	-86.932236	56385.12	56230.9	19.11	56404.23	56420.25391	56449.11819	56481.33594	504971.7	5410376.6
L4970.0	504971.7	5410376.6	41394.10156	402.57	0	48.846340	-86.932236	56384.16	56230.9	19.11	56403.26	56419.17188	56445.47470	56477.65625	504971.7	5410376.6
L4970.0	504971.7	5410374.9	41394.19922	403.54	0	48.846325	-86.932235	56383.31	56230.9	19.11	56402.42	56418.21484	56444.82657	56476.95703	504971.7	5410374.9
L4970.0	504971.7	5410373.5	41394.30078	405.00	0	48.846312	-86.932235	56382.16	56230.9	19.10	56401.27	56416.94531	56437.00497	56469.07031	504971.7	5410373.5
L4970.0	504971.8	5410372.3	41394.39844	407.25	0	48.846302	-86.932235	56381.52	56230.9	19.10	56400.63	56416.18359	56440.96131	56472.94531	504971.8	5410372.3
L4970.0	504971.8	5410372.3	41394.50000	407.04	0	48.846302	-86.932235	56380.32	56230.9	19.10	56399.42	56414.84766	56431.73556	56463.62109	504971.8	5410372.3
L4970.0	504971.8	5410370.7	41394.60156	409.27	0	48.846287	-86.932234	56379.99	56230.9	19.10	56399.09	56414.39063	56442.83919	56474.61328	504971.8	5410370.7
L4970.0	504971.8	5410370.7	41394.69922	410.62	0	48.846287	-86.932234	56378.82	56230.9	19.10	56397.92	56413.09375	56434.52097	56466.16797	504971.8	5410370.7
L4970.0	504971.8	5410368.7	41394.80078	413.34	0	48.846269	-86.932234	56378.00	56230.9	19.09	56397.09	56412.12891	56434.05231	56465.55469	504971.8	5410368.7
L4970.0	504971.8	5410367.0	41394.89844	412.71	0	48.846254	-86.932234	56377.11	56230.9	19.09	56396.20	56411.10547	56432.18882	56463.53516	504971.8	5410367.0
L4970.0	504971.8	5410365.5	41394.89844	410.58	0	48.846241	-86.932234	56376.19	56230.9	19.09	56395.28	56410.04688	56429.62397	56460.79688	504971.8	5410365.5
L4970.0	504971.8	5410365.5	41395.00000	410.87	0	48.846241	-86.932234	56375.48	56230.9	19.09	56394.57	56409.19531	56431.90455	56462.89063	504971.8	5410365.5
L4970.0	504971.8	5410364.0	41395.19922	410.16	0	48.846227	-86.932234	56374.58	56230.9	19.08	56393.67	56408.15625	56429.78617	56460.57031	504971.8	5410364.0
L4970.0	504971.8	5410364.0	41395.30078	409.29	0	48.846227	-86.932234	56374.05	56230.9	19.08	56393.13	56407.46875	56435.98009	56466.55078	504971.8	5410364.0
L4970.0	504971.9	5410362.2	41395.39844	411.65	0	48.846210	-86.932233	56372.95	56230.9	19.08	56392.02	56406.21484	56428.99292	56459.33203	504971.9	5410362.2
L4970.0	504971.9	5410360.6	41395.50000	413.36	0	48.846197	-86.932233	56372.21	56230.9	19.07	56391.28	56405.32422	56430.54932	56460.64844	504971.9	5410360.6
L4970.0	504971.9	5410359.5	41395.60156	413.01	0	48.846186	-86.932233	56371.21	56230.9	19.07	56390.29	56404.18359	56426.32034	56456.16016	504971.9	5410359.5
L4970.0	504971.9	5410358.0	41395.69922	411.73	0	48.846173	-86.932233	56370.50	56230.9	19.07	56389.57	56403.31250	56428.32389	56457.89063	504971.9	5410358.0
L4970.0	504971.9	5410358.0	41395.80078	412.04	0	48.846173	-86.932233	56369.35	56230.9	19.07	56388.41	56401.99609	56420.15100	56449.43359	504971.9	5410358.0
L4970.0	504971.9	5410356.5	41395.89844	409.95	0	48.846159	-86.932233	56368.31	56230.9	19.06	56387.37	56400.80078	56414.74399	56443.73047	504971.9	5410356.5
L4970.0	504971.9	5410354.9	41396.00000	410.18	0	48.846145	-86.932233	56367.39	56230.9	19.06	56386.45	56399.72266	56412.10288	56440.77734	504971.9	5410354.9
L4970.0	504971.9	5410354.9	41396.10156	410.46	0	48.846145	-86.932233	56366.67	56230.9	19.06	56385.73	56398.84375	56414.07654	56442.42969	504971.9	5410354.9
L4970.0	504971.9	5410353.6	41396.19922	411.19	0	48.846133	-86.932233	56366.34	56230.9	19.06	56385.40	56398.35156	56425.05612	56453.07031	504971.9	5410353.6
L4970.0	504971.9	5410353.6	41396.30078	409.59	0	48.846133	-86.932233	56365.45	56230.9	19.06	56384.50	56397.28906	56422.85475	56450.52344	504971.9	5410353.6
L4970.0	504971.9	5410352.0	41396.39844	408.99	0	48.846119	-86.932232	56364.73	56230.9	19.06	56383.78	56396.40625	56424.80584	56452.11328	504971.9	5410352.0
L4970.0	504972.0	5410350.4	41396.50000	409.14	0	48.846104	-86.932232	56363.36	56230.9	19.06	56382.41	56394.87109	56411.72698	56438.66406	504972.0	5410350.4
L4970.0	504972.0	5410349.5	41396.60156	409.54	0	48.846096	-86.932232	56362.77	56230.9	19.05	56381.82	56394.11719	56416.66723	56443.21875	504972.0	5410349.5
L4970.0	504972.0	5410348.1	41396.69922	409.91	0	48.846084	-86.932232	56361.88	56230.9	19.05	56380.93	56393.05859	56414.66632	56440.82422	504972.0	5410348.1
L4970.0	504972.0	5410348.1	41396.80078	409.39	0	48.846084	-86.932232	56361.16	56230.9	19.05	56380.21	56392.16797	56416.58646	56442.33594	504972.0	5410348.1
L4970.0	504972.0	5410346.4	41396.89844	409.68	0	48.846068	-86.932231	56360.04	56230.9	19.05	56379.09	56390.87891	56409.25413	56434.58984	504972.0	5410346.4
L4970.0	504972.1	5410344.8	41396.89844	407.67	0	48.846054	-86.932231	56359.32	56230.9	19.05	56378.38	56390.00000	56411.38933	56436.29688	504972.1	5410344.8
L4970.0	504972.1	5410344.8	41397.00000	407.67	0	48.846054	-86.932231	56358.68	56230.9	19.05	56377.73	56389.17969	56414.90301	56439.37109	504972.1	5410344.8
L4970.0	504972.1	5410343.4	41397.19922	409.22	0	48.846041	-86.932231	56357.56	56231	19.04	56376.60	56387.87891	56407.31494	56431.33203	504972.1	5410343.4
L4970.0	504972.1	5410342.0	41397.30078	408.78	0	48.846029	-86.932230	56356.74	56231	19.04	56375.77	56386.87500	56406.65177	56430.21094	504972.1	5410342.0
L4970.0	504972.1	5410342.0	41397.39844	407.93	0	48.846029	-86.932230	56355.52	56231	19.03	56374.55	56385.48438	56396.96658	56420.06250	504972.1	5410342.0
L4970.0	504972.1	5410339.9	41397.50000	408.44	0	48.846010	-86.932230	56354.70	56231	19.03	56373.72	56384.48047	56396.28598	56418.90234	504972.1	5410339.9
L4970.0	504972.2	5410339.1	41397.60156	407.95	0	48.846003	-86.932230	56353.71	56231	19.02	56372.73	56383.31641	56391.89862	56414.03125	504972.2	5410339.1
L4970.0	504972.2	5410337.4	41397.69922	405.85	0	48.845988	-86.932229	56352.91	56231	19.01	56371.93	56382.33984	56391.89327	56413.52734	504972.2	5410337.4
L4970.0	504972.2	5410337.4	41397.80078	407.12	0	48.845988	-86.932229	56351.99	56231	19.01	56371.00	56381.23828	56388.87414	56410.00781	504972.2	5410337.4
L4970.0	504972.2	5410335.4	41397.89844	406.88	0	48.845970	-86.932229	56351.06	56231	19.00	56370.06	56380.12109	56385.61440	56406.23828	504972.2	5410335.4
L4970.0	504972.2	5410334.1	41398.00000	407.72	0	48.845958	-86.932229	56350.46	56231	19.00	56369.46	56379.34766	56390.20280	56410.30469	504972.2	5410334.1
L4970.0	504972.2	5410332.2	41398.10156	408.03	0	48.845941	-86.932228	56350.08	56231	19.00	56369.07	56378.78516	56399.63469	56419.21094	504972.2	5410332.2
L4970.0	504972.2	5410332.2	41398.19922	409.33	0	48.845941	-86.932228	56349.73	56231	18.99	56368.72	56378.25781	56409.98095	56429.02344	504972.2	5410332.2
L4970.0	504972.3	5410330.5	41398.30078	409.71	0	48.845926	-86.932228	56348.42	56231	18.99	56367.40	56376.76563	56397.89901	56416.39844	504972.3	5410330.5
L4970.0	504972.3	5410329.3	41398.39844	407.94	0	48.845914	-86.932228	56347.79	56231	18.98	56366.76	56375.94922	56401.52226	56419.47656	504972.3	5410329.3
L4970.0	504972.3	5410329.3	41398.50000	407.69	0	48.845914	-86.932228	56347.05	56231	18.97	56366.02	56375.03516	56402.82372	56420.22266	504972.3	5410329.3
L4970.0	504972.3	5410327.7	41398.60156	406.61	0	48.845900	-86.932228	56345.85	56231	18.97	56364.82	56373.66016	56393.48313	56410.32031	504972.3	5410327.7
L4970.0	504972.3	5410326.2	41398.69922	407.74	0	48.845886	-86.932228	56345.31	56231	18.96	56364.28	56372.94922	56399.38493	56415.65625	504972.3	5410326.2
L4970.0	504972.3	5410326.2	41398.80078	407.93	0	48.845886	-86.932228	56343.86	56231	18.96	56362.82	56371.31641	56384.01311	56399.71094	504972.3	5410326.2
L4970.0	504972.3	5410324.6	41398.89844	406.60	0	48.845872	-86.932228	56343.42	56231	18.95	56362.37	56370.69141	56391.97225	56407.09375	504972.3	5410324.6
L4970.0	504972.3	5410323.5	41398.89844	406.45	0	48.845863	-86.932228	56342.10	56231	18.95	56361.05	56369.19922	56379.81297	56394.35156	504972.3	5410323.5
L4970.0	504972.3	5410322.2	41399.00000	406.55	0	48.845851	-86.932228	56341.81	56231.1	18.95	56360.76	56368.73828	56391.44652	56405.39453	504972.3	5410322.2
L4970.0	504972.2	5410320.9	41399.19922	406.87	0	48.845839	-86.932229	56340.59	56231	18.96	56359.54	56367.34766	56381.57465	56394.92969	504972.2	5410320.9
L4970.0	504972.2	5410320.9	41399.30078	406.52	0	48.845839	-86.932229	56339.72	56231	18.96	56358.68	56366.32031	56380.01073	56392.76953	504972.2	5410320.9
L4970.0	504972.2	5410319.3	41399.39844	404.29	0	48.845825	-86.932229	56338.75	56231	18.96	56357.72	56365.19141	56376.12346	56388.28516	504972.2	5410319.3
L4970.0	504972.2	5410319.3	41399.50000	405.57	0	48.845825	-86.932229	56338.37	56231	18.96	56357.33	56364.63281	56385.39723	56396.95313	504972.2	5410319.3
L4970.0	504972.2	5410316.4	41399.60156	406.19	0	48.845799	-86.932230	56337.86	56231	18.97	56356.83	56363.96484	56392.11627	56403.06641	504972.2	5410316.4
L4970.0	504972.2	5410316.4	41399.69922	407.74	0	48.845799	-86.932230	56336.76	56231	18.97	56355.73	56362.69922	56384.95596	56395.29297	504972.2	5410316.4

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4970.0	504972.1	5410315.0	41399.80078	408.70	0	48.845786	-86.932230	56336.15	56231	18.97	56355.13	56361.93359	56389.33861	56399.06250	504972.1	5410315.0
L4970.0	504972.1	5410313.5	41399.89844	405.10	0	48.845773	-86.932230	56334.54	56231	18.98	56353.52	56360.15625	56370.36613	56379.47656	504972.1	5410313.5
L4970.0	504972.1	5410313.5	41400.00000	404.36	0	48.845773	-86.932230	56333.83	56231	18.98	56352.81	56359.28516	56372.18099	56380.67188	504972.1	5410313.5
L4970.0	504972.1	5410311.8	41400.10156	406.28	0	48.845757	-86.932231	56332.78	56231	18.98	56351.76	56358.07031	56366.12519	56373.99609	504972.1	5410311.8
L4970.0	504972.1	5410310.5	41400.19922	406.01	0	48.845746	-86.932231	56333.19	56231	18.98	56352.17	56358.32031	56393.79900	56401.04688	504972.1	5410310.5
L4970.0	504972.1	5410310.5	41400.30078	403.01	0	48.845746	-86.932231	56332.68	56231	18.98	56351.66	56357.65234	56400.19760	56406.82031	504972.1	5410310.5
L4970.0	504972.1	5410308.0	41400.39844	403.44	0	48.845723	-86.932231	56331.50	56231	18.98	56350.49	56356.32422	56391.32998	56397.32813	504972.1	5410308.0
L4970.0	504972.1	5410308.0	41400.50000	403.68	0	48.845723	-86.932231	56330.02	56231	18.99	56349.00	56354.67578	56375.05403	56380.42578	504972.1	5410308.0
L4970.0	504972.1	5410306.1	41400.60156	405.26	0	48.845706	-86.932231	56328.72	56231	18.99	56347.70	56353.21875	56363.15656	56367.90234	504972.1	5410306.1
L4970.0	504972.1	5410304.5	41400.69922	404.29	0	48.845692	-86.932232	56328.44	56231	18.99	56347.43	56352.79297	56375.05117	56379.16797	504972.1	5410304.5
L4970.0	504972.1	5410304.5	41400.80078	406.94	0	48.845692	-86.932232	56327.83	56231	18.99	56346.82	56352.03125	56379.07556	56382.56250	504972.1	5410304.5
L4970.0	504972.0	5410303.0	41400.89844	406.26	0	48.845678	-86.932232	56327.12	56231	18.99	56346.11	56351.16797	56380.77661	56383.63672	504972.0	5410303.0
L4970.0	504972.0	5410303.0	41400.89844	404.49	0	48.845678	-86.932232	56326.12	56231	18.99	56345.11	56350.01953	56375.76339	56377.99609	504972.0	5410303.0
L4970.0	504972.0	5410301.6	41401.00000	402.99	0	48.845666	-86.932232	56325.75	56231	18.99	56344.74	56349.50000	56385.29850	56386.90234	504972.0	5410301.6
L4970.0	504972.0	5410300.1	41401.19922	402.37	0	48.845652	-86.932232	56324.92	56231	19.00	56343.92	56348.53125	56384.42205	56385.39844	504972.0	5410300.1
L4970.0	504972.0	5410298.7	41401.30078	403.77	0	48.845640	-86.932232	56324.08	56231	19.00	56343.08	56347.54688	56383.07218	56383.42188	504972.0	5410298.7
L4970.0	504972.0	5410298.7	41401.39844	405.40	0	48.845640	-86.932232	56322.88	56231	19.01	56341.89	56346.21094	56373.62252	56373.35156	504972.0	5410298.7
L4970.0	504972.0	5410297.2	41401.50000	403.33	0	48.845626	-86.932232	56322.11	56231	19.01	56341.12	56345.29688	56373.86914	56372.97266	504972.0	5410297.2
L4970.0	504972.0	5410295.7	41401.60156	403.78	0	48.845612	-86.932232	56321.07	56231	19.02	56340.09	56344.12891	56368.09678	56366.57813	504972.0	5410295.7
L4970.0	504972.0	5410295.7	41401.69922	404.30	0	48.845612	-86.932232	56320.02	56231	19.03	56339.04	56342.93750	56361.85262	56359.71484	504972.0	5410295.7
L4970.0	504972.0	5410294.1	41401.80078	407.54	0	48.845598	-86.932232	56319.32	56231	19.03	56338.35	56342.10938	56363.91943	56361.16406	504972.0	5410294.1
L4970.0	504972.0	5410292.8	41401.89844	407.40	0	48.845586	-86.932232	56318.57	56231	19.04	56337.60	56341.22266	56364.59103	56361.21875	504972.0	5410292.8
L4970.0	504972.0	5410291.1	41402.00000	407.55	0	48.845571	-86.932232	56318.16	56231	19.04	56337.20	56340.68750	56373.34362	56369.35547	504972.0	5410291.1
L4970.0	504972.0	5410291.1	41402.10156	408.40	0	48.845571	-86.932232	56316.91	56231	19.04	56335.95	56339.30469	56362.44431	56357.84766	504972.0	5410291.1
L4970.0	504972.0	5410290.0	41402.19922	408.55	0	48.845561	-86.932232	56316.45	56231	19.05	56335.49	56338.71484	56369.79624	56364.58984	504972.0	5410290.0
L4970.0	504972.0	5410288.6	41402.30078	408.29	0	48.845549	-86.932232	56315.47	56231	19.05	56334.52	56337.61328	56365.35549	56359.54297	504972.0	5410288.6
L4970.0	504972.0	5410287.5	41402.39844	409.01	0	48.845538	-86.932232	56315.07	56230.9	19.05	56334.12	56337.08594	56374.08298	56367.66797	504972.0	5410287.5
L4970.0	504972.0	5410287.5	41402.50000	408.80	0	48.845538	-86.932232	56313.72	56230.9	19.06	56332.77	56335.60938	56360.85042	56353.83594	504972.0	5410287.5
L4970.0	504972.0	5410285.6	41402.60156	410.82	0	48.845522	-86.932232	56313.11	56230.9	19.06	56332.17	56334.88281	56364.94779	56357.33984	504972.0	5410285.6
L4970.0	504972.0	5410284.1	41402.69922	410.07	0	48.845508	-86.932232	56312.34	56230.9	19.06	56331.40	56333.98828	56365.11365	56356.91406	504972.0	5410284.1
L4970.0	504972.0	5410284.1	41402.80078	409.14	0	48.845508	-86.932232	56311.44	56230.9	19.06	56330.50	56332.96875	56362.27340	56353.48438	504972.0	5410284.1
L4970.0	504972.0	5410282.0	41402.89844	408.82	0	48.845490	-86.932232	56310.61	56230.9	19.07	56329.67	56332.01953	56361.05028	56351.67578	504972.0	5410282.0
L4970.0	504972.0	5410280.9	41402.89844	409.41	0	48.845479	-86.932232	56309.53	56230.9	19.07	56328.59	56330.82031	56354.04976	56344.09766	504972.0	5410280.9
L4970.0	504972.0	5410280.9	41403.00000	408.98	0	48.845479	-86.932232	56308.69	56230.9	19.07	56327.76	56329.87500	56352.82856	56342.30078	504972.0	5410280.9
L4970.0	504972.0	5410279.0	41403.19922	408.96	0	48.845462	-86.932232	56307.36	56230.9	19.08	56326.44	56328.43750	56340.28549	56329.18359	504972.0	5410279.0
L4970.0	504972.0	5410277.7	41403.30078	407.83	0	48.845451	-86.932232	56306.75	56230.9	19.08	56325.84	56327.72656	56344.38638	56332.71875	504972.0	5410277.7
L4970.0	504972.0	5410276.1	41403.39844	408.75	0	48.845436	-86.932232	56305.91	56230.9	19.09	56325.00	56326.77344	56342.94568	56330.71484	504972.0	5410276.1
L4970.0	504972.0	5410276.1	41403.50000	408.10	0	48.845436	-86.932232	56305.41	56230.9	19.10	56324.51	56326.17188	56349.60031	56336.81250	504972.0	5410276.1
L4970.0	504972.1	5410274.9	41403.60156	409.83	0	48.845425	-86.932232	56304.38	56230.9	19.10	56323.48	56325.03516	56343.78262	56330.44531	504972.1	5410274.9
L4970.0	504972.1	5410273.6	41403.69922	410.14	0	48.845413	-86.932232	56303.48	56230.9	19.11	56322.58	56324.02734	56340.97855	56327.09375	504972.1	5410273.6
L4970.0	504972.1	5410272.2	41403.80078	410.27	0	48.845402	-86.932232	56302.64	56230.9	19.11	56321.75	56323.09375	56339.80286	56325.37500	504972.1	5410272.2
L4970.0	504972.1	5410272.2	41403.89844	408.13	0	48.845402	-86.932232	56302.11	56230.9	19.12	56321.22	56322.46094	56345.57266	56330.60938	504972.1	5410272.2
L4970.0	504972.1	5410270.6	41404.00000	405.24	0	48.845387	-86.932232	56301.72	56230.9	19.12	56320.84	56321.97656	56354.82279	56339.32813	504972.1	5410270.6
L4970.0	504972.1	5410269.1	41404.10156	403.64	0	48.845373	-86.932231	56300.68	56230.9	19.13	56319.80	56320.83594	56348.83472	56332.81641	504972.1	5410269.1
L4970.0	504972.1	5410269.1	41404.19922	404.48	0	48.845373	-86.932231	56299.43	56230.9	19.13	56318.56	56319.49609	56338.24130	56321.70313	504972.1	5410269.1
L4970.0	504972.1	5410267.8	41404.30078	407.34	0	48.845362	-86.932231	56298.31	56230.9	19.14	56317.45	56318.28906	56330.67092	56313.61719	504972.1	5410267.8
L4970.0	504972.1	5410266.2	41404.39844	408.82	0	48.845347	-86.932231	56297.94	56230.9	19.14	56317.08	56317.82422	56340.22319	56322.66406	504972.1	5410266.2
L4970.0	504972.1	5410266.2	41404.50000	409.44	0	48.845347	-86.932231	56296.82	56230.8	19.15	56315.97	56316.62109	56332.69524	56314.63281	504972.1	5410266.2
L4970.0	504972.1	5410264.9	41404.60156	410.50	0	48.845335	-86.932231	56296.20	56230.8	19.16	56315.36	56315.91797	56336.74686	56318.19141	504972.1	5410264.9
L4970.0	504972.1	5410263.0	41404.69922	411.02	0	48.845318	-86.932231	56295.32	56230.8	19.16	56314.48	56314.94531	56334.58424	56315.53906	504972.1	5410263.0
L4970.0	504972.1	5410261.5	41404.80078	410.15	0	48.845305	-86.932231	56294.86	56230.8	19.17	56314.02	56314.39453	56342.15610	56322.62891	504972.1	5410261.5
L4970.0	504972.1	5410260.2	41404.89844	407.23	0	48.845293	-86.932231	56293.96	56230.8	19.17	56313.14	56313.42578	56340.05092	56320.04688	504972.1	5410260.2
L4970.0	504972.1	5410260.2	41404.89844	409.04	0	48.845293	-86.932231	56293.14	56230.8	19.17	56312.32	56312.51953	56339.36413	56318.88672	504972.1	5410260.2
L4970.0	504972.2	5410258.4	41405.00000	408.75	0	48.845277	-86.932231	56292.67	56230.8	19.18	56311.85	56311.96094	56346.80002	56325.86328	504972.2	5410258.4
L4970.0	504972.2	5410257.0	41405.19922	409.48	0	48.845264	-86.932231	56291.62	56230.8	19.19	56310.81	56310.83594	56341.09833	56319.70313	504972.2	5410257.0
L4970.0	504972.2	5410257.0	41405.30078	408.78	0	48.845264	-86.932231	56291.10	56230.8	19.20	56310.30	56310.24219	56347.68357	56325.83984	504972.2	5410257.0
L4970.0	504972.2	5410255.3	41405.39844	406.11	0	48.845249	-86.932230	56289.68	56230.8	19.21	56308.89	56308.75000	56333.50879	56311.21875	504972.2	5410255.3
L4970.0	504972.3	5410253.5	41405.50000	407.19	0	48.845233	-86.932229	56289.49	56230.8	19.21	56308.71	56308.49219	56347.80319	56325.07813	504972.3	5410253.5
L4970.0	504972.3	5410253.5	41405.60156	407.99	0	48.845233	-86.932229	56288.25	56230.8	19.22	56307.47	56307.17188	56337.64419	56314.48828	504972.3	5410253.5
L4970.0	504972.3	5410252.0	41405.69922	408.07	0	48.845219	-86.932229	56287.76	56230.8	19.23	56306.99	56306.61328	56345.09657	56321.51953	504972.3	5410252.0
L4970.0	504972.3	5410250.7	41405.80078	408.69	0	48.845207	-86.932228	56286.84	56230.8	19.24	56306.08	56305.62500	56342.66021	56318.66797	504972.3	5410250.7
L4970.0	504972.3	5410250.7	41405.89844	407.87	0	48.845207	-86.932228	56286.13	56230.8	19.24	56305.37	56304.83594	56344.89754	56320.49219	504972.3	5410250.7
L4970.0	504972.4	5410248.9	41406.00000	408.69	0	48.845192	-86.932228	56285.21	56230.8	19.25	56304.46	56303.85156	56342.56641	56317.76172	504972.4	5410248.9
L4970.0	504972.4	5410247.6	41406.10156	406.35	0	48.845180	-86.932228	56284.01	56230.7	19.26	56303.27	56302.58984	56333.82028	56308.62109	504972.4	5410247.6
L4970.0	504972.4	5410246.0	41406.19922	406.94	0	48.845166	-86.932227	56283.22	56230.7	19.27	56302.49	56301.73438	56334.60835	56309.02344	504972.4	5410246.0
L4970.0	504972.4	5410246.0	41406.30078	404.91	0	48.845166	-86.932227	56282.05	56230.7	19.27	56301.32	56300.49219	56326.44402	56300.47656	504972.4	5410246.0
L4970.0	504972.4	5410244.3	41406.39844	406.43	0	48.845150	-86.932227	56281.30	56230.7	19.28	56300.58	56299.67969	56328.28099	56301.93750	504972.4	5410244.3
L4970.0	504972.4	5410244.3	41406.50000	408.74	0	48.845150	-86.932227	56280.28	56230.7	19.29	56299.57	56298.60156	56323.94383	56297.23438	504972.4	5410244.3
L4970.0	504972.5	5410242.8	41406.60156	409.85	0	48.845136	-86.932227	56279.86	56230.7	19.30	56299.16	56298.12109	56333.54184	56306.47656	504972.5	5410242.8
L4970.0	504972.5	5410241.2	41406.69922	411.37	0	48.845122	-86.932227	56279.06	56230.7	19.31	56298.36	56297.25391	56334.19735	56306.78125	504972.5	5410241.2
L4970.0	504972.5	5410239.7	41406.80078	411.90	0	48.845109	-86.932226	56278.21	56230.7	19.31	56297.53	56296.35547	56334.23294	56306.47266	504972.5	5410239.7
L4970.0	504972.5	5410239.7	41406.89844	411.23	0	48.845109	-86.932226	56277.45	56230.7	19.32	56296.77	56295.52734	56335.96227	56307.86328	504972.5	5410239.7
L4970.0	504972.5	5410237.9	41406.89844	410.15	0	48.845093	-86.932226	56276.56	56230.7	19.32	56295.88	56294.57031	56334.76563	56306.33594	504972.5	5410237.9
L4970.0	504972.5	5410236.7	41407.00000	410.13	0	48.845082	-86.932226	56275.90	56230.7	19.33	56295.23	56293.85547	56339.19671	56310.44531	504972.5	5410236.7
L4970.0	504972.5	5410236.7	41407.19922	406.79	0	48.845082	-86.932226	56274.14	56230.7	19.35	56293.49	56292.05078	56318.52010	56289.45313	504972.5	5410236.7
L4970.0	504972.5	5410235.1	41407.30078	406.35	0	48.845068	-86.932226	56273.34	56230.6	19.36	56292.70	56291.19922	56319.88532	56290.51172	504972.5	5410235.1
L4970.0	504972.6	5410233.7	41407.39844	402.01	0	48.845054	-86.932226	56272.38	56230.6	19.37	56291.75	56290.18359	56317.64144	56287.96484	504972.6	5410233.7
L4970.0	504972.6	5410232.1	41407.50000	401.41	0	48.845040	-86.932225	56272.06	56230.6	19.38	56291.44	56289.81250	56330.28002	56300.30859	504972.6	5410232.1
L4970.0	504972.6	5410232.1	41407.60156	401.83	0	48.845040	-86.932225	56271.05	56230.6	19.38	56290.43	56288.73828	56326.83453	56296.57813	504972.6	5410232.1
L4970.0	504972.6	5410230.7	41407.69922	403.73	0	48.845028	-86.932225	56270.50	56230.6	19.39	56289.90	56288.14844	56334.57880	56304.04297	504972.6	5410230.7
L4970.0	504972.6	5410229.7	41407.80078	404.14	0	48.845018	-86.932225	56269.42	56230.6	19.40	56288.82	56287.00391	56329.71080	56298.90234	504972.6	5410229.7
L4970.0	504972.6	5410227.7	41407.89844	404.92	0	48.845000	-86.932225	56268.06	56230.6	19.41	56287.47	56285.59375	56318.70420	56287.63281	504972.6	5410227.7
L4970.0	504972.6	5410227.7	41408.00000	405.79	0	48.845000	-86.932225	56267.56	56230.6	19.42	56286.97	56285.03516	56327.44616	56296.11719	504972.6	5410227.7
L4970.0	504972.6	5410226.1	41408.10156	405.47	0	48.844986	-86.932224	56266.52	56230.6	19.43	56285.95	56283.95313	56324.27676	56292.69531	504972.6	5410226.1
L4970.0	504972.6	5410226.1	41408.19922	407.17	0	48.844986	-86.932224	56266.09	56230.6	19.44	56285.54	56283.48438	56335.31424	56303.49219	504972.6	5410226.1
L4970.0	504972.7	5410224.7	41408.30078	407.64	0	48.844974	-86.932224	56264.74	56230.5	19.45	56284.20	56282.08594	56324.96975	56292.91016	504972.7	5410224.7
L4970.0	504972.7	5410223.1	41408.39844	407.99	0	48.844960	-86.932224	56264.31	56230.5	19.46	56283.77	56281.59766	56335.77048	56303.48438	504972.7	5410223.1
L4970.0	504972.7	5410223.1	41408.50000	409.09	0	48.844960	-86.932224	56262.90	56230.5	19.47	56282.38	56280.14844	56324.50084	56291.99219	504972.7	5410223.1
L4970.0	504972.7	5410221.5	41408.60156	410.03	0	48.844945	-86.932223	56262.20	56230.5	19.49	56281.68	56279.38672	56329.29684	56296.57422	504972.7	5410221.5
L4970.0	504972.8	5410219.7	41408.69922	409.02	0	48.844928	-86.932223	56261.16	56230.5	19.50	56280.66	56278.30859	56326.81852	56293.88672	504972.8	5410219.7
L4970.0	504972.8	5410219.7	41408.80078	410.50	0	48.844928	-86.932223	56260.36	56230.5	19.51	56279.87	56277.46094	56329.77947	56296.64844	504972.8	5410219.7
L4970.0	504972.8	5410217.9	41408.89844	412.00	0	48.844912	-86.932223	56259.45	56230.5	19.52	56278.97	56276.50391	56330.32423	56297.00000	504972.8	5410217.9
L4970.0	504972.8	5410217.9	41408.89844	413.67	0	48.844912	-86.932223	56258.14	56230.5	19.52	56277.66	56275.13672	56321.52176	56288.00781	504972.8	5410217.9

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4970.0	504972.8	5410216.2	41409.00000	414.34	0	48.844897	-86.932222	56257.16	56230.5	19.53	56276.69	56274.10547	56320.70782	56287.01563	504972.8	5410216.2
L4970.0	504972.8	5410216.2	41409.19922	412.58	0	48.844897	-86.932222	56255.38	56230.4	19.55	56274.93	56272.28906	56301.76897	56267.90234	504972.8	5410216.2
L4970.0	504972.8	5410214.8	41409.30078	413.21	0	48.844885	-86.932222	56254.54	56230.4	19.56	56274.10	56271.40234	56304.45883	56270.42578	504972.8	5410214.8
L4970.0	0.0	0.0	41409.39844	413.61	0	48.844869	-86.932222	56253.74	56230.4	19.57	56273.32	56270.56250	56308.44172	56274.25000	504972.8	5410213.0
L4970.0	0.0	0.0	41409.50000	412.34	0	48.844869	-86.932222	56252.97	56230.4	19.58	56272.55	56269.73438	56312.79537	56278.44922	504972.8	5410213.0
L4970.0	0.0	0.0	41409.60156	410.20	0	48.844852	-86.932222	56251.98	56230.4	19.60	56271.58	56268.70703	56312.66858	56278.17578	504972.8	5410211.1
L4970.0	0.0	0.0	41409.69922	410.00	0	48.844836	-86.932222	56250.62	56230.4	19.61	56270.23	56267.29688	56303.90343	56269.27344	504972.8	5410209.4
L4970.0	0.0	0.0	41409.80078	408.32	0	48.844822	-86.932222	56250.20	56230.4	19.62	56269.82	56266.82813	56317.00887	56282.24609	504972.9	5410207.8
L4970.0	0.0	0.0	41409.89844	407.20	0	48.844822	-86.932222	56248.92	56230.4	19.63	56268.55	56265.50000	56310.38668	56275.49609	504972.9	5410207.8
L4970.0	0.0	0.0	41410.00000	403.95	0	48.844805	-86.932221	56248.36	56230.4	19.64	56268.00	56264.89063	56320.55465	56285.53906	504972.9	5410206.0
L4970.0	0.0	0.0	41410.10156	404.89	0	48.844805	-86.932221	56246.32	56230.3	19.65	56265.97	56262.80078	56296.66997	56261.54297	504972.9	5410206.0
L4970.0	0.0	0.0	41410.19922	406.04	0	48.844790	-86.932221	56245.52	56230.3	19.66	56265.18	56261.94922	56301.59722	56266.36328	504972.9	5410204.3
L4970.0	0.0	0.0	41410.30078	406.30	0	48.844774	-86.932221	56244.12	56230.3	19.67	56263.79	56260.50000	56292.81353	56257.47656	504973.0	5410202.5
L4970.0	0.0	0.0	41410.39844	407.46	0	48.844763	-86.932220	56243.84	56230.3	19.68	56263.52	56260.16797	56310.07214	56274.63672	504973.0	5410201.3
L4970.0	0.0	0.0	41410.50000	407.26	0	48.844763	-86.932220	56242.87	56230.3	19.69	56262.57	56259.15625	56311.77457	56276.25000	504973.0	5410201.3
L4970.0	0.0	0.0	41410.60156	407.46	0	48.844748	-86.932220	56241.65	56230.3	19.71	56261.36	56257.88672	56307.62930	56272.01953	504973.0	5410199.6
L4970.0	0.0	0.0	41410.69922	407.56	0	48.844748	-86.932220	56240.88	56230.3	19.72	56260.60	56257.06250	56314.04704	56278.35938	504973.0	5410199.6
L4970.0	0.0	0.0	41410.80078	407.75	0	48.844735	-86.932220	56239.73	56230.3	19.73	56259.46	56255.85938	56311.84713	56276.08984	504973.0	5410198.1
L4970.0	0.0	0.0	41410.89844	407.02	0	48.844718	-86.932219	56238.87	56230.3	19.74	56258.61	56254.94922	56316.51572	56280.68750	504973.1	5410196.2
L4970.0	0.0	0.0	41410.89844	406.96	0	48.844708	-86.932219	56237.36	56230.3	19.74	56257.10	56253.37500	56306.09870	56270.21094	504973.1	5410195.2
L4970.0	0.0	0.0	41411.00000	407.94	0	48.844708	-86.932219	56236.95	56230.3	19.75	56256.70	56252.91016	56321.50453	56285.55859	504973.1	5410195.2
L4970.0	0.0	0.0	41411.19922	407.21	0	48.844698	-86.932219	56235.29	56230.2	19.77	56255.05	56251.19531	56308.19213	56272.19922	504973.1	5410194.0
L4970.0	0.0	0.0	41411.30078	406.69	0	48.844687	-86.932218	56234.50	56230.2	19.77	56254.27	56250.34766	56315.15881	56279.11719	504973.1	5410192.8
L4970.0	0.0	0.0	41411.39844	407.00	0	48.844673	-86.932218	56233.13	56230.2	19.78	56252.91	56248.92188	56308.89464	56272.81250	504973.1	5410191.2
L4970.0	0.0	0.0	41411.50000	409.28	0	48.844673	-86.932218	56232.02	56230.2	19.79	56251.81	56247.75391	56308.81442	56272.69922	504973.1	5410191.2
L4970.0	0.0	0.0	41411.60156	409.37	0	48.844660	-86.932218	56230.62	56230.2	19.80	56250.42	56246.29688	56302.20827	56266.06250	504973.1	5410189.8
L4970.0	0.0	0.0	41411.69922	410.09	0	48.844648	-86.932218	56229.13	56230.2	19.81	56248.93	56244.73828	56293.46858	56257.29688	504973.1	5410188.5
L4970.0	0.0	0.0	41411.80078	410.07	0	48.844648	-86.932218	56228.06	56230.2	19.81	56247.87	56243.60547	56294.84552	56258.65234	504973.1	5410188.5
L4970.0	0.0	0.0	41411.89844	409.54	0	48.844632	-86.932218	56226.13	56230.2	19.82	56245.95	56241.61719	56276.52674	56240.31641	504973.1	5410186.7
L4970.0	0.0	0.0	41412.00000	412.65	0	48.844618	-86.932219	56225.49	56230.2	19.83	56245.32	56240.91406	56288.20256	56251.98047	504973.1	5410185.1
L4970.0	0.0	0.0	41412.10156	411.30	0	48.844618	-86.932219	56223.94	56230.2	19.84	56243.78	56239.30078	56279.02928	56242.80078	504973.1	5410185.1
L4970.0	0.0	0.0	41412.19922	409.88	0	48.844603	-86.932220	56223.32	56230.2	19.84	56243.16	56238.60547	56291.30152	56255.06641	504973.0	5410183.5
L4970.0	0.0	0.0	41412.30078	410.66	0	48.844591	-86.932220	56222.07	56230.1	19.85	56241.93	56237.30078	56289.66002	56253.42578	504973.0	5410182.2
L4970.0	0.0	0.0	41412.39844	408.95	0	48.844574	-86.932221	56220.97	56230.1	19.86	56240.83	56236.12500	56291.20806	56254.98047	504972.9	5410180.2
L4970.0	0.0	0.0	41412.50000	408.95	0	48.844574	-86.932221	56219.32	56230.1	19.86	56239.18	56234.39844	56280.23084	56244.00781	504972.9	5410180.2
L4970.0	0.0	0.0	41412.60156	408.70	0	48.844558	-86.932222	56217.68	56230.1	19.87	56237.55	56232.68750	56269.90263	56233.69141	504972.9	5410178.5
L4970.0	0.0	0.0	41412.69922	410.74	0	48.844558	-86.932222	56216.66	56230.1	19.88	56236.54	56231.59766	56274.09097	56237.89453	504972.9	5410178.5
L4970.0	0.0	0.0	41412.80078	410.19	0	48.844545	-86.932223	56215.28	56230.1	19.89	56235.16	56230.13672	56269.91646	56233.73828	504972.8	5410177.0
L4970.0	0.0	0.0	41412.89844	409.04	0	48.844534	-86.932223	56214.57	56230.1	19.89	56234.46	56229.35547	56281.64660	56245.49219	504972.8	5410175.8
L4970.0	0.0	0.0	41412.89844	407.48	0	48.844519	-86.932224	56212.99	56230.1	19.89	56232.88	56227.69141	56273.22848	56237.09375	504972.7	5410174.1
L4970.0	0.0	0.0	41413.00000	408.83	0	48.844519	-86.932224	56211.89	56230.1	19.90	56231.79	56226.51563	56276.32514	56240.21875	504972.7	5410174.1
L4970.0	0.0	0.0	41413.19922	408.68	0	48.844507	-86.932224	56209.79	56230.1	19.91	56229.70	56224.33984	56256.50133	56220.42188	504972.7	5410172.9
L4970.0	0.0	0.0	41413.30078	406.46	0	48.844493	-86.932225	56208.63	56230.1	19.91	56228.54	56223.08984	56258.36231	56222.31641	504972.6	5410171.3
L4970.0	0.0	0.0	41413.39844	407.22	0	48.844482	-86.932226	56207.35	56230.1	19.92	56227.27	56221.73047	56257.87282	56221.85938	504972.6	5410170.0
L4970.0	0.0	0.0	41413.50000	408.48	0	48.844482	-86.932226	56206.09	56230.1	19.92	56226.01	56220.37891	56257.80664	56221.82813	504972.6	5410170.0
L4970.0	0.0	0.0	41413.60156	407.38	0	48.844464	-86.932226	56205.08	56230.1	19.92	56225.00	56219.27734	56263.71082	56227.76953	504972.6	5410168.0
L4970.0	0.0	0.0	41413.69922	406.36	0	48.844453	-86.932226	56203.59	56230.1	19.93	56223.52	56217.69922	56258.94559	56223.04297	504972.6	5410166.8
L4970.0	0.0	0.0	41413.80078	404.80	0	48.844440	-86.932227	56202.73	56230.1	19.93	56222.66	56216.74219	56268.70248	56232.83984	504972.5	5410165.4
L4970.0	0.0	0.0	41413.89844	406.12	0	48.844430	-86.932227	56200.53	56230.1	19.94	56220.46	56214.44531	56247.68365	56211.86328	504972.5	5410164.3
L4970.0	0.0	0.0	41414.00000	405.57	0	48.844430	-86.932227	56199.52	56230.1	19.94	56219.46	56213.34766	56254.59188	56218.81250	504972.5	5410164.3
L4970.0	0.0	0.0	41414.10156	407.54	0	48.844430	-86.932227	56197.72	56230.1	19.94	56217.66	56211.44531	56243.20478	56207.46875	504972.5	5410164.3
L4970.0	0.0	0.0	41414.19922	407.91	0	48.844397	-86.932227	56196.73	56230.1	19.94	56216.67	56210.35156	56250.73155	56215.03906	504972.5	5410160.6
L4970.0	0.0	0.0	41414.30078	409.21	0	48.844397	-86.932227	56194.91	56230.1	19.94	56214.85	56208.42578	56239.26976	56203.62109	504972.5	5410160.6
L4970.0	0.0	0.0	41414.39844	409.96	0	48.844387	-86.932228	56193.80	56230.1	19.94	56213.73	56207.19922	56244.17961	56208.57813	504972.5	5410159.5
L4970.0	0.0	0.0	41414.50000	408.92	0	48.844375	-86.932228	56192.28	56230.1	19.94	56212.22	56205.57813	56240.26975	56204.71094	504972.5	5410158.1
L4970.0	0.0	0.0	41414.60156	411.00	0	48.844375	-86.932228	56190.79	56230.1	19.93	56210.72	56203.96484	56236.78458	56201.26563	504972.5	5410158.1
L4970.0	0.0	0.0	41414.69922	411.44	0	48.844362	-86.932228	56189.58	56230.1	19.93	56209.51	56202.64063	56240.19506	56204.71875	504972.5	5410156.6
L4970.0	0.0	0.0	41414.80078	410.65	0	48.844350	-86.932228	56187.75	56230.1	19.93	56207.68	56200.69531	56229.46973	56194.03906	504972.5	5410155.3
L4970.0	0.0	0.0	41414.89844	408.43	0	48.844336	-86.932228	56186.64	56230.1	19.93	56206.58	56199.48047	56235.80849	56200.41797	504972.5	5410153.8
L4970.0	0.0	0.0	41414.89844	409.78	0	48.844336	-86.932228	56184.79	56230.1	19.93	56204.72	56197.50000	56224.77525	56189.42578	504972.5	5410153.8
L4970.0	0.0	0.0	41415.00000	412.17	0	48.844320	-86.932228	56184.24	56230.1	19.93	56204.17	56196.82813	56244.20991	56208.89453	504972.4	5410152.0
L4970.0	0.0	0.0	41415.19922	410.72	0	48.844305	-86.932228	56182.57	56230.1	19.93	56202.50	56195.03125	56237.95165	56202.67188	504972.4	5410150.4
L4970.0	0.0	0.0	41415.30078	409.67	0	48.844305	-86.932228	56181.41	56230.1	19.93	56201.34	56193.74219	56243.67133	56208.42578	504972.4	5410150.4
L4970.0	0.0	0.0	41415.39844	409.32	0	48.844290	-86.932229	56179.25	56230.1	19.93	56199.18	56191.45313	56226.47036	56191.25781	504972.4	5410148.6
L4970.0	0.0	0.0	41415.50000	410.92	0	48.844277	-86.932229	56177.99	56230.1	19.93	56197.93	56190.07422	56230.49064	56195.30859	504972.4	5410147.3
L4970.0	0.0	0.0	41415.60156	410.36	0	48.844277	-86.932229	56176.72	56230.1	19.94	56196.66	56188.66797	56234.23800	56199.08203	504972.4	5410147.3
L4970.0	0.0	0.0	41415.69922	409.85	0	48.844260	-86.932229	56175.26	56230.1	19.94	56195.20	56187.07031	56233.78275	56198.64844	504972.3	5410145.3
L4970.0	0.0	0.0	41415.80078	410.93	0	48.844248	-86.932230	56173.89	56230.1	19.94	56193.83	56185.56250	56235.59524	56200.48438	504972.3	5410144.0
L4970.0	0.0	0.0	41415.89844	410.05	0	48.844236	-86.932230	56171.79	56230.1	19.94	56191.73	56183.32031	56220.72333	56185.62891	504972.3	5410142.7
L4970.0	0.0	0.0	41416.00000	407.80	0	48.844236	-86.932230	56170.88	56230.1	19.94	56190.82	56182.26563	56233.53969	56198.45703	504972.3	5410142.7
L4970.0	0.0	0.0	41416.10156	406.28	0	48.844223	-86.932230	56168.68	56230.1	19.94	56188.62	56179.91797	56216.72735	56181.65234	504972.3	5410141.3
L4970.0	0.0	0.0	41416.19922	406.81	0	48.844207	-86.932230	56167.56	56230.1	19.94	56187.50	56178.64844	56225.05890	56189.98828	504972.3	5410139.5
L4970.0	0.0	0.0	41416.30078	407.37	0	48.844207	-86.932230	56165.49	56230.1	19.94	56185.43	56176.42578	56211.61729	56176.54688	504972.3	5410139.5
L4970.0	0.0	0.0	41416.39844	408.45	0	48.844197	-86.932231	56163.86	56230.1	19.94	56183.79	56174.62891	56208.29482	56173.21875	504972.3	5410138.4
L4970.0	0.0	0.0	41416.50000	407.19	0	48.844182	-86.932231	56162.46	56230.1	19.94	56182.39	56173.07031	56210.69899	56175.61328	504972.3	5410136.7
L4970.0	0.0	0.0	41416.60156	408.36	0	48.844182	-86.932231	56160.99	56230.1	19.93	56180.93	56171.44922	56211.89501	56176.79297	504972.3	5410136.7
L4970.0	0.0	0.0	41416.69922	409.51	0	48.844169	-86.932231	56159.34	56230.1	19.93	56179.28	56169.63281	56208.87691	56173.75391	504972.2	5410135.2
L4970.0	0.0	0.0	41416.80078	409.60	0	48.844157	-86.932231	56157.25	56230.1	19.93	56177.18	56167.36719	56195.63416	56160.48438	504972.2	5410133.9
L4970.0	0.0	0.0	41416.89844	410.47	0	48.844157	-86.932231	56156.16	56230.1	19.93	56176.09	56166.10547	56205.90753	56170.72656	504972.2	5410133.9
L4970.0	0.0	0.0	41416.89844	409.51	0	48.844145	-86.932231	56153.88	56230.1	19.93	56173.81	56163.65234	56188.85045	56153.62891	504972.2	5410132.5
L4970.0	0.0	0.0	41417.00000	407.45	0	48.844130	-86.932231	56152.93	56230.1	19.93	56172.86	56162.52734	56202.70146	56167.42969	504972.2	5410130.9
L4970.0	0.0	0.0	41417.19922	407.91	0	48.844114	-86.932231	56151.00	56230.1	19.92	56170.92	56160.41016	56193.84044	56158.51563	504972.3	5410129.1
L4970.0	0.0	0.0	41417.30078	407.77	0	48.844114	-86.932231	56149.43	56230.1	19.92	56169.35	56158.65625	56193.69666	56158.31250	504972.3	5410129.1
L4970.0	0.0	0.0	41417.39844	408.16	0	48.844101	-86.932231	56147.36	56230.1	19.91	56167.26	56156.38281	56181.69891	56146.24609	504972.3	5410127.7
L4970.0	0.0	0.0	41417.50000	407.44	0	48.844090	-86.932231	56145.96	56230.1	19.90	56165.87	56154.80078	56186.04067	56150.51172	504972.3	5410126.5
L4970.0	0.0	0.0	41417.60156	408.30	0	48.844090	-86.932231	56144.23	56230.1	19.90	56164.13	56152.87109	56182.45272	56146.83984	504972.3	5410126.5
L4970.0	0.0	0.0	41417.69922	408.38	0	48.844076	-86.932230	56142.78	56230.1	19.89	56162.67	56151.21484	56185.49268	56149.78516	504972.3	5410124.9
L4970.0	0.0	0.0	41417.80078	407.49	0	48.844061	-86.932230	56141.06	56230.1	19.89	56160.95	56149.29688	56182.67785	56146.87109	504972.3	5410123.3
L4970.0	0.0	0.0	41417.89844	408.12	0	48.844045	-86.932230	56138.99	56230.1	19.88	56158.87	56147.01563	56171.69438	56135.77734	504972.3	5410121.4
L4970.0	0.0	0.0	41418.00000	409.94	0	48.844045	-86.932230	56137.80	56230.1	19.88	56157.68	56145.62109	56181.42851	56145.39453	504972.3	5410121.4
L4970.0	0.0	0.0	41418.10156	408.96	0	48.844028	-86.932230	56135.39	56230.1	19.87	56155.26	56142.99219	56162.88141	56126.71875	504972.4	5410119.5
L4970.0	0.0	0.0	41418.19922	409.94	0	48.844013	-86.932229	56134.41	56230.1	19.87	56154.27	56141.79297	56177.52595	56141.22266	504972.4	5410117.9
L4970.0	0.0	0.0	41418.30078	409.09	0	48.844013	-86.932229	56132.41	56230.1	19.86	56152.28	56139.58594	56169.19854	56132.75000	504972.4	5410117.9

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4970.0	0.0	0.0	41418.39844	410.32	0	48.844005	-86.932229	56131.24	56230.1	19.86	56151.10	56138.19141	56179.72723	56143.12109	504972.4	5410117.0
L4970.0	0.0	0.0	41418.50000	410.18	0	48.843990	-86.932229	56129.02	56230.2	19.85	56148.87	56135.73828	56166.12159	56129.34766	504972.4	5410115.3
L4970.0	0.0	0.0	41418.60156	410.63	0	48.843990	-86.932229	56127.45	56230.2	19.84	56147.29	56133.93359	56167.66716	56130.71484	504972.4	5410115.3
L4970.0	0.0	0.0	41418.69922	411.28	0	48.843971	-86.932229	56125.27	56230.2	19.84	56145.11	56131.52734	56155.47112	56118.32813	504972.4	5410113.3
L4970.0	0.0	0.0	41418.80078	411.97	0	48.843958	-86.932229	56123.36	56230.2	19.83	56143.19	56129.37500	56149.40526	56112.06250	504972.4	5410111.8
L4970.0	0.0	0.0	41418.89844	412.56	0	48.843944	-86.932229	56121.87	56230.2	19.83	56141.69	56127.64063	56153.16336	56115.61328	504972.4	5410110.2
L4970.0	0.0	0.0	41418.89844	412.30	0	48.843944	-86.932229	56119.76	56230.2	19.83	56139.58	56125.29297	56142.93664	56105.16406	504972.4	5410110.2
L4970.0	0.0	0.0	41419.00000	410.18	0	48.843927	-86.932229	56118.88	56230.2	19.82	56138.70	56124.17188	56161.24551	56123.23828	504972.4	5410108.3
L4970.0	0.0	0.0	41419.19922	408.85	0	48.843927	-86.932229	56116.50	56230.2	19.80	56136.30	56121.52734	56144.52953	56106.27344	504972.4	5410108.3
L4970.0	0.0	0.0	41419.30078	408.03	0	48.843912	-86.932229	56114.91	56230.2	19.79	56134.70	56119.67969	56146.40221	56107.89063	504972.4	5410106.6
L4970.0	0.0	0.0	41419.39844	408.33	0	48.843898	-86.932229	56112.13	56230.2	19.78	56131.91	56116.63672	56120.86736	56082.08984	504972.4	5410105.1
L4970.0	0.0	0.0	41419.50000	407.00	0	48.843898	-86.932229	56110.81	56230.2	19.78	56130.58	56115.05469	56129.16491	56090.10547	504972.4	5410105.1
L4970.0	0.0	0.0	41419.60156	407.85	0	48.843885	-86.932229	56108.68	56230.2	19.77	56128.45	56112.66406	56119.05832	56079.70313	504972.4	5410103.7
L4970.0	0.0	0.0	41419.60156	407.83	0	48.843872	-86.932229	56107.40	56230.2	19.77	56127.16	56111.11328	56128.44483	56088.78125	504972.4	5410102.3
L4970.0	0.0	0.0	41419.80078	409.49	0	48.843857	-86.932228	56105.80	56230.3	19.75	56125.54	56109.23047	56130.27885	56090.29297	504972.5	5410100.6
L4970.0	0.0	0.0	41419.80078	407.73	0	48.843857	-86.932228	56104.00	56230.3	19.75	56123.74	56107.16016	56128.02153	56087.70703	504972.5	5410100.6
L4970.0	0.0	0.0	41419.89844	408.22	0	48.843857	-86.932228	56102.28	56230.3	19.74	56122.02	56105.17188	56127.67608	56087.01563	504972.5	5410100.6
L4970.0	0.0	0.0	41420.00000	406.63	0	48.843838	-86.932228	56099.81	56230.3	19.73	56119.54	56102.41406	56109.82314	56068.80469	504972.5	5410098.4
L4970.0	0.0	0.0	41420.19922	406.77	0	48.843829	-86.932228	56098.36	56230.3	19.71	56118.07	56100.66797	56115.36364	56073.96875	504972.5	5410097.4
L4970.0	0.0	0.0	41420.19922	407.59	0	48.843817	-86.932228	56095.79	56230.3	19.71	56115.50	56097.81641	56095.52658	56053.74609	504972.5	5410096.1
L4970.0	0.0	0.0	41420.39844	407.17	0	48.843799	-86.932227	56094.38	56230.3	19.69	56114.08	56096.11328	56102.30595	56060.12891	504972.6	5410094.1
L4970.0	0.0	0.0	41420.50000	405.69	0	48.843788	-86.932227	56092.24	56230.3	19.69	56111.93	56093.67578	56092.24606	56049.65625	504972.6	5410092.9
L4970.0	0.0	0.0	41420.60156	405.82	0	48.843788	-86.932227	56090.62	56230.3	19.68	56110.30	56091.75781	56094.22928	56051.21094	504972.6	5410092.9
L4970.0	0.0	0.0	41420.69922	405.55	0	48.843771	-86.932227	56088.30	56230.3	19.67	56107.97	56089.13281	56080.05302	56036.59375	504972.6	5410091.0
L4970.0	0.0	0.0	41420.80078	407.74	0	48.843771	-86.932227	56086.62	56230.3	19.66	56106.28	56087.14453	56080.67937	56036.76563	504972.6	5410091.0
L4970.0	0.0	0.0	41420.89844	410.17	0	48.843756	-86.932226	56084.78	56230.4	19.65	56104.43	56084.99609	56077.61213	56033.23438	504972.6	5410089.4
L4970.0	0.0	0.0	41420.89844	408.48	0	48.843746	-86.932226	56082.88	56230.4	19.65	56102.53	56082.79688	56073.38622	56028.52344	504972.6	5410088.3
L4970.0	0.0	0.0	41421.00000	408.89	0	48.843734	-86.932226	56081.56	56230.4	19.64	56101.20	56081.16016	56082.32312	56036.96484	504972.6	5410086.9
L4970.0	0.0	0.0	41421.19922	408.08	0	48.843734	-86.932226	56079.67	56230.4	19.60	56099.27	56078.92188	56077.37502	56031.50391	504972.6	5410086.9
L4970.0	0.0	0.0	41421.30078	407.97	0	48.843720	-86.932226	56077.92	56230.4	19.59	56097.51	56076.85156	56076.32976	56029.93359	504972.6	5410085.3
L4970.0	0.0	0.0	41421.39844	409.37	0	48.843720	-86.932226	56075.42	56230.4	19.57	56094.99	56074.01953	56057.68594	56010.75391	504972.6	5410085.3
L4970.0	0.0	0.0	41421.50000	408.48	0	48.843705	-86.932226	56073.85	56230.5	19.55	56093.40	56072.11328	56060.49348	56013.01172	504972.7	5410083.7
L4970.0	0.0	0.0	41421.60156	407.80	0	48.843690	-86.932226	56071.85	56230.5	19.53	56091.38	56069.77344	56053.31280	56005.26172	504972.7	5410082.0
L4970.0	0.0	0.0	41421.69922	407.27	0	48.843675	-86.932226	56069.98	56230.5	19.51	56089.49	56067.56250	56049.07782	56000.44531	504972.7	5410080.3
L4970.0	0.0	0.0	41421.80078	408.13	0	48.843675	-86.932226	56068.41	56230.5	19.50	56087.91	56065.66016	56051.94002	56002.71094	504972.7	5410080.3
L4970.0	0.0	0.0	41421.89844	407.82	0	48.843663	-86.932226	56066.57	56230.5	19.48	56086.04	56063.46484	56048.02398	55998.19141	504972.7	5410079.0
L4970.0	0.0	0.0	41422.00000	406.90	0	48.843663	-86.932226	56064.70	56230.5	19.46	56084.15	56061.24609	56043.56091	55993.10547	504972.7	5410079.0
L4970.0	0.0	0.0	41422.10156	406.22	0	48.843649	-86.932226	56062.62	56230.6	19.45	56082.07	56058.83594	56034.61298	55983.51953	504972.7	5410077.4
L4970.0	0.0	0.0	41422.19922	406.00	0	48.843632	-86.932226	56060.93	56230.6	19.44	56080.37	56056.80078	56034.34452	55982.60156	504972.6	5410075.5
L4970.0	0.0	0.0	41422.30078	405.62	0	48.843632	-86.932226	56058.62	56230.6	19.43	56078.05	56054.14453	56019.63509	55967.23047	504972.6	5410075.5
L4970.0	0.0	0.0	41422.39844	402.92	0	48.843619	-86.932226	56056.98	56230.6	19.42	56076.40	56052.16016	56020.28892	55967.20703	504972.6	5410074.1
L4970.0	0.0	0.0	41422.50000	403.19	0	48.843602	-86.932226	56055.13	56230.6	19.41	56074.54	56049.96094	56015.95867	55962.19141	504972.6	5410072.3
L4970.0	0.0	0.0	41422.60156	404.34	0	48.843592	-86.932226	56053.71	56230.6	19.40	56073.11	56048.19141	56021.42603	55966.95313	504972.6	5410071.1
L4970.0	0.0	0.0	41422.69922	404.47	0	48.843578	-86.932226	56052.02	56230.6	19.39	56071.41	56046.14844	56020.50350	55965.31250	504972.6	5410069.6
L4970.0	0.0	0.0	41422.80078	405.38	0	48.843578	-86.932226	56050.11	56230.6	19.38	56069.49	56043.88281	56014.33693	55958.41797	504972.6	5410069.6
L4970.0	0.0	0.0	41422.89844	405.79	0	48.843568	-86.932227	56048.36	56230.6	19.37	56067.73	56041.78125	56011.69878	55955.03906	504972.6	5410068.5
L4970.0	0.0	0.0	41422.89844	409.09	0	48.843552	-86.932227	56046.16	56230.6	19.37	56065.53	56039.23438	55998.71242	55941.30078	504972.6	5410066.6
L4970.0	0.0	0.0	41423.00000	409.72	0	48.843552	-86.932227	56044.36	56230.6	19.36	56063.72	56037.07422	55994.55023	55936.37109	504972.6	5410066.6
L4970.0	0.0	0.0	41423.19922	410.90	0	48.843538	-86.932227	56042.79	56230.7	19.33	56062.11	56035.11328	55994.81104	55935.84766	504972.6	5410065.1
L4970.0	0.0	0.0	41423.30078	409.80	0	48.843538	-86.932227	56041.86	56230.7	19.31	56061.17	56033.82422	56010.34707	55950.59375	504972.6	5410065.1
L4970.0	0.0	0.0	41423.39844	408.25	0	48.843526	-86.932227	56039.93	56230.7	19.30	56059.23	56031.53125	56002.55235	55942.00000	504972.6	5410063.7
L4970.0	0.0	0.0	41423.50000	409.49	0	48.843514	-86.932227	56038.08	56230.7	19.28	56057.36	56029.30859	55996.14575	55934.78125	504972.6	5410062.4
L4970.0	0.0	0.0	41423.60156	409.91	0	48.843499	-86.932227	56036.24	56230.7	19.26	56055.50	56027.09766	55989.73036	55927.53906	504972.6	5410060.7
L4970.0	0.0	0.0	41423.69922	410.67	0	48.843499	-86.932227	56034.74	56230.8	19.25	56053.99	56025.23438	55991.15377	55928.12500	504972.6	5410060.7
L4970.0	0.0	0.0	41423.80078	409.84	0	48.843480	-86.932227	56033.08	56230.8	19.23	56052.31	56023.19922	55988.38783	55924.51172	504972.6	5410058.7
L4970.0	0.0	0.0	41423.89844	409.39	0	48.843469	-86.932227	56030.88	56230.8	19.22	56050.09	56020.62500	55972.87109	55908.14063	504972.6	5410057.4
L4970.0	0.0	0.0	41424.00000	411.05	0	48.843469	-86.932227	56029.38	56230.8	19.20	56048.58	56018.75781	55973.48234	55907.88672	504972.6	5410057.4
L4970.0	0.0	0.0	41424.10156	411.59	0	48.843455	-86.932227	56027.56	56230.8	19.19	56046.75	56016.57031	55966.40668	55899.93359	504972.6	5410055.9
L4970.0	0.0	0.0	41424.19922	410.44	0	48.843441	-86.932227	56026.15	56230.8	19.17	56045.32	56014.78516	55968.27396	55900.91406	504972.6	5410054.3
L4970.0	0.0	0.0	41424.30078	407.94	0	48.843425	-86.932228	56024.57	56230.8	19.16	56043.74	56012.85156	55966.36272	55898.10547	504972.5	5410052.5
L4970.0	0.0	0.0	41424.39844	406.00	0	48.843416	-86.932228	56023.04	56230.9	19.15	56042.18	56010.93359	55964.59167	55895.43359	504972.5	5410051.5
L4970.0	0.0	0.0	41424.50000	405.26	0	48.843416	-86.932228	56021.37	56230.9	19.13	56040.50	56008.89844	55959.71504	55889.64453	504972.5	5410051.5
L4970.0	0.0	0.0	41424.60156	406.17	0	48.843404	-86.932228	56019.85	56230.9	19.12	56038.97	56007.01563	55957.96277	55886.97266	504972.5	5410050.2
L4970.0	0.0	0.0	41424.69922	406.13	0	48.843390	-86.932229	56018.28	56230.9	19.11	56037.39	56005.08203	55954.70254	55882.78125	504972.5	5410048.6
L4970.0	0.0	0.0	41424.80078	406.81	0	48.843374	-86.932229	56016.21	56230.9	19.10	56035.30	56002.63672	55939.29317	55866.43750	504972.5	5410046.8
L4970.0	0.0	0.0	41424.89844	405.69	0	48.843374	-86.932229	56014.86	56230.9	19.08	56033.94	56000.92578	55940.38272	55866.58594	504972.5	5410046.8
L4970.0	0.0	0.0	41424.89844	408.42	0	48.843361	-86.932230	56013.32	56230.9	19.08	56032.41	55999.04297	55937.16125	55862.41797	504972.4	5410045.5
L4970.0	0.0	0.0	41425.00000	408.19	0	48.843361	-86.932230	56012.31	56230.9	19.07	56031.38	55997.66016	55945.10358	55869.40625	504972.4	5410045.5
L4970.0	0.0	0.0	41425.19922	408.25	0	48.843347	-86.932230	56010.76	56231	19.04	56029.80	55995.73047	55939.93328	55863.27344	504972.4	5410043.8
L4970.0	0.0	0.0	41425.30078	407.56	0	48.843335	-86.932230	56009.45	56231	19.03	56028.47	55994.05469	55940.12990	55862.50391	504972.4	5410042.6
L4970.0	0.0	0.0	41425.39844	407.50	0	48.843335	-86.932230	56007.68	56231	19.01	56026.70	55991.93750	55929.73730	55851.14063	504972.4	5410042.6
L4970.0	0.0	0.0	41425.50000	409.47	0	48.843317	-86.932231	56006.14	56231	19.00	56025.14	55990.03125	55923.76861	55844.19922	504972.3	5410040.5
L4970.0	0.0	0.0	41425.60156	409.71	0	48.843304	-86.932231	56004.62	56231	18.99	56023.61	55988.16016	55918.05475	55837.50391	504972.3	5410039.1
L4970.0	0.0	0.0	41425.69922	411.39	0	48.843304	-86.932231	56003.11	56231	18.97	56022.08	55986.28516	55911.89348	55830.35938	504972.3	5410039.1
L4970.0	0.0	0.0	41425.80078	410.38	0	48.843290	-86.932231	56001.76	56231	18.96	56020.72	55984.58594	55909.20502	55826.68750	504972.3	5410037.5
L4970.0	0.0	0.0	41425.89844	409.17	0	48.843273	-86.932232	56000.32	56231.1	18.94	56019.26	55982.78906	55903.74077	55820.23438	504972.3	5410035.7
L4970.0	0.0	0.0	41426.00000	407.54	0	48.843273	-86.932232	55999.06	56231.1	18.93	56017.99	55981.18359	55902.19468	55817.70313	504972.3	5410035.7
L4970.0	0.0	0.0	41426.10156	409.10	0	48.843255	-86.932232	55997.54	56231.1	18.92	56016.46	55979.32422	55894.15854	55808.67188	504972.3	5410033.7
L4970.0	0.0	0.0	41426.19922	408.21	0	48.843242	-86.932232	55996.58	56231.1	18.90	56015.48	55978.01172	55898.34453	55811.86328	504972.3	5410032.2
L4970.0	0.0	0.0	41426.30078	410.52	0	48.843242	-86.932232	55995.41	56231.1	18.89	56014.30	55976.50391	55897.41152	55809.93750	504972.3	5410032.2
L4970.0	0.0	0.0	41426.39844	410.57	0	48.843229	-86.932232	55994.10	56231.1	18.88	56012.98	55974.85938	55892.73871	55804.27344	504972.3	5410030.7
L4970.0	0.0	0.0	41426.50000	409.67	0	48.843216	-86.932232	55992.53	56231.1	18.87	56011.39	55972.94922	55881.31439	55791.85938	504972.3	5410029.3
L4970.0	0.0	0.0	41426.60156	410.66	0	48.843216	-86.932232	55991.39	56231.1	18.85	56010.24	55971.48047	55879.54059	55789.09375	504972.3	5410029.3
L4970.0	0.0	0.0	41426.69922	410.78	0	48.843202	-86.932232	55990.28	56231.2	18.84	56009.12	55970.04688	55877.93497	55786.49609	504972.3	5410027.7
L4970.0	0.0	0.0	41426.80078	410.19	0	48.843192	-86.932232	55989.14	56231.2	18.83	56007.97	55968.58594	55875.10438	55782.67578	504972.3	5410026.6
L4970.0	0.0	0.0	41426.89844	407.91	0	48.843192	-86.932232	55987.95	56231.2	18.81	56006.76	55967.06641	55870.34931	55776.93750	504972.3	5410026.6
L4970.0	0.0	0.0	41426.89844	408.59	0	48.843177	-86.932232	55986.64	56231.2	18.81	56005.45	55965.45313	55862.73942	55768.34375	504972.3	5410025.0
L4970.0	0.0	0.0	41427.00000	408.77	0	48.843165	-86.932232	55985.70	56231.2	18.80	56004.50	55964.19922	55862.90028	55767.52344	504972.3	5410023.6
L4970.0	0.0	0.0	41427.19922	409.39	0	48.843151	-86.932232	55984.31	56231.2	18.78	56003.09	55962.49609	55851.87533	55755.52344	504972.3	5410022.1
L4970.0	0.0	0.0	41427.30078	409.58	0	48.843151	-86.932232	55983.78	56231.2	18.77	56002.54	55961.65234	55860.16646	55762.83984	504972.3	5410022.1
L4970.0	0.0	0.0	41427.39844	410.45	0	48.843137	-86.932232	55982.69	56231.2	18.76	56001.44	55960.26172	55855.18209	55756.89453	504972.3	5410020.5
L4970.0	0.0	0.0	41427.50000	410.05	0	48.843123	-86.932232	55981.86	56231.3	18.75	56000.60	55959.14063	55855.63797	55756.39063	504972.3	5410018.9
L4970.0	0.0	0.0	41427.60156	409.15	0	48.843123	-86.932232	55980.62	56231.3	18.73	55999.35	55957.60938	55846.04551	55745.83984	504972.3	5410018.9

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4970.0	0.0	0.0	41427.69922	409.45	0	48.843106	-86.932232	55979.96	56231.3	18.72	55998.68	55956.66406	55849.28116	55748.12500	504972.3	5410017.1
L4970.0	0.0	0.0	41427.80078	408.89	0	48.843096	-86.932232	55979.00	56231.3	18.71	55997.71	55955.42188	55845.00363	55742.90625	504972.3	5410015.9
L4970.0	0.0	0.0	41427.89844	406.99	0	48.843081	-86.932232	55977.86	56231.3	18.70	55996.56	55954.00781	55835.98324	55732.95703	504972.2	5410014.3
L4970.0	0.0	0.0	41428.00000	408.40	0	48.843081	-86.932232	55977.22	56231.3	18.69	55995.91	55953.09766	55837.93297	55733.98047	504972.2	5410014.3
L4970.0	0.0	0.0	41428.10156	409.36	0	48.843070	-86.932232	55976.24	56231.3	18.68	55994.92	55951.85156	55831.43702	55726.56641	504972.2	5410013.1
L4970.0	0.0	0.0	41428.19922	409.76	0	48.843058	-86.932232	55975.96	56231.3	18.67	55994.63	55951.30859	55840.52913	55734.75000	504972.2	5410011.7
L4970.0	0.0	0.0	41428.30078	409.06	0	48.843046	-86.932232	55975.23	56231.3	18.66	55993.89	55950.32422	55838.62974	55731.94922	504972.2	5410010.4
L4970.0	0.0	0.0	41428.39844	409.79	0	48.843046	-86.932232	55974.74	56231.3	18.65	55993.39	55949.58594	55841.68437	55734.11719	504972.2	5410010.4
L4970.0	0.0	0.0	41428.50000	410.27	0	48.843035	-86.932232	55973.91	56231.4	18.64	55992.55	55948.50781	55836.28758	55727.84375	504972.3	5410009.2
L4970.0	0.0	0.0	41428.60156	410.56	0	48.843020	-86.932232	55973.48	56231.4	18.63	55992.11	55947.83984	55839.54121	55730.23047	504972.3	5410007.5
L4970.0	0.0	0.0	41428.69922	411.36	0	48.843007	-86.932232	55972.82	56231.4	18.62	55991.44	55946.94531	55836.88500	55726.71484	504972.3	5410006.1
L4970.0	0.0	0.0	41428.80078	410.88	0	48.843007	-86.932232	55972.27	56231.4	18.61	55990.88	55946.16797	55836.17700	55725.16016	504972.3	5410006.1
L4970.0	0.0	0.0	41428.89844	408.38	0	48.842992	-86.932232	55971.69	56231.4	18.60	55990.29	55945.36719	55834.18222	55722.33594	504972.3	5410004.4
L4970.0	0.0	0.0	41428.89844	408.14	0	48.842981	-86.932232	55971.18	56231.4	18.60	55989.78	55944.64844	55833.44388	55720.78125	504972.3	5410003.2
L4970.0	0.0	0.0	41429.00000	409.47	0	48.842965	-86.932231	55970.82	56231.4	18.59	55989.41	55944.07813	55835.34998	55721.87891	504972.3	5410001.4
L4970.0	0.0	0.0	41429.19922	408.57	0	48.842965	-86.932231	55970.37	56231.4	18.58	55988.95	55943.42578	55834.58663	55720.32031	504972.3	5410001.4
L4970.0	0.0	0.0	41429.30078	408.33	0	48.842952	-86.932231	55970.12	56231.4	18.57	55988.69	55942.97656	55837.85819	55722.81250	504972.3	5410000.0
L4970.0	0.0	0.0	41429.39844	407.20	0	48.842942	-86.932231	55969.66	56231.4	18.56	55988.23	55942.33594	55835.92259	55720.11328	504972.4	5409998.9
L4970.0	0.0	0.0	41429.50000	408.50	0	48.842928	-86.932231	55969.51	56231.4	18.55	55988.06	55941.98828	55840.10717	55723.55078	504972.4	5409997.3
L4970.0	0.0	0.0	41429.60156	406.49	0	48.842916	-86.932231	55969.13	56231.5	18.55	55987.68	55941.44141	55838.85946	55721.56641	504972.4	5409995.9
L4970.0	0.0	0.0	41429.69922	406.95	0	48.842916	-86.932231	55968.95	56231.5	18.54	55987.49	55941.08594	55841.42752	55723.41406	504972.4	5409995.9
L4970.0	0.0	0.0	41429.80078	404.74	0	48.842901	-86.932231	55968.75	56231.5	18.53	55987.28	55940.72266	55842.96187	55724.24219	504972.4	5409994.3
L4970.0	0.0	0.0	41429.89844	402.47	0	48.842890	-86.932231	55968.70	56231.5	18.53	55987.23	55940.52344	55847.62680	55728.22266	504972.3	5409993.0
L4970.0	0.0	0.0	41430.00000	404.32	0	48.842890	-86.932231	55968.32	56231.5	18.52	55986.84	55939.98828	55843.87127	55723.79688	504972.3	5409993.0
L4970.0	0.0	0.0	41430.10156	405.16	0	48.842874	-86.932232	55968.30	56231.5	18.51	55986.81	55939.82031	55847.87810	55727.14844	504972.3	5409991.3
L4970.0	0.0	0.0	41430.19922	405.57	0	48.842862	-86.932232	55968.45	56231.5	18.50	55986.95	55939.83203	55855.26146	55733.89063	504972.3	5409989.9
L4970.0	0.0	0.0	41430.30078	404.79	0	48.842862	-86.932232	55968.60	56231.5	18.50	55987.10	55939.85938	55862.32914	55740.33984	504972.3	5409989.9
L4970.0	0.0	0.0	41430.39844	406.29	0	48.842850	-86.932232	55968.38	56231.5	18.49	55986.86	55939.50000	55859.84259	55737.25000	504972.3	5409988.6
L4970.0	0.0	0.0	41430.50000	406.82	0	48.842832	-86.932233	55968.40	56231.5	18.48	55986.88	55939.41016	55862.83039	55739.65625	504972.2	5409986.6
L4970.0	0.0	0.0	41430.60156	407.84	0	48.842832	-86.932233	55968.50	56231.5	18.47	55986.97	55939.39844	55866.90799	55743.16797	504972.2	5409986.6
L4970.0	0.0	0.0	41430.69922	406.63	0	48.842819	-86.932233	55968.20	56231.5	18.46	55986.66	55938.99219	55861.21998	55736.92969	504972.2	5409985.1
L4970.0	0.0	0.0	41430.80078	405.27	0	48.842807	-86.932234	55968.04	56231.5	18.46	55986.50	55938.74219	55858.48473	55733.66406	504972.2	5409983.8
L4970.0	0.0	0.0	41430.89844	405.65	0	48.842807	-86.932234	55967.59	56231.6	18.45	55986.03	55938.19141	55848.07855	55722.75000	504972.2	5409983.8
L4970.0	0.0	0.0	41430.89844	404.56	0	48.842793	-86.932234	55967.99	56231.6	18.45	55986.44	55938.52344	55857.51158	55731.69141	504972.1	5409982.3
L4970.0	0.0	0.0	41431.00000	405.25	0	48.842781	-86.932234	55968.20	56231.6	18.44	55986.64	55938.65625	55861.60058	55735.30859	504972.1	5409980.9
L4970.0	0.0	0.0	41431.19922	405.99	0	48.842781	-86.932234	55968.32	56231.6	18.42	55986.74	55938.69531	55862.89607	55736.15234	504972.1	5409980.9
L4970.0	0.0	0.0	41431.30078	404.55	0	48.842766	-86.932235	55968.60	56231.6	18.42	55987.02	55938.91797	55867.87776	55740.69922	504972.1	5409979.2
L4970.0	0.0	0.0	41431.39844	405.87	0	48.842753	-86.932235	55968.73	56231.6	18.41	55987.14	55938.99219	55868.69660	55741.10938	504972.1	5409977.8
L4970.0	0.0	0.0	41431.50000	406.85	0	48.842743	-86.932235	55968.98	56231.6	18.40	55987.38	55939.19141	55871.83276	55743.85156	504972.1	5409976.7
L4970.0	0.0	0.0	41431.60156	407.25	0	48.842732	-86.932235	55969.08	56231.6	18.39	55987.47	55939.24609	55871.05544	55742.70313	504972.1	5409975.5
L4970.0	0.0	0.0	41431.69922	409.98	0	48.842732	-86.932235	55969.26	56231.6	18.38	55987.64	55939.38672	55871.68970	55742.98438	504972.1	5409975.5
L4970.0	0.0	0.0	41431.80078	408.18	0	48.842713	-86.932235	55969.23	56231.6	18.38	55987.61	55939.33594	55867.27401	55738.23438	504972.1	5409973.4
L4970.0	0.0	0.0	41431.89844	409.24	0	48.842703	-86.932235	55969.64	56231.6	18.37	55988.01	55939.72266	55872.37832	55743.02734	504972.1	5409972.3
L4970.0	0.0	0.0	41432.00000	410.72	0	48.842703	-86.932235	55970.02	56231.6	18.36	55988.38	55940.08594	55876.38147	55746.74219	504972.1	5409972.3
L4970.0	0.0	0.0	41432.10156	412.27	0	48.842690	-86.932235	55970.50	56231.6	18.36	55988.85	55940.55469	55882.29811	55752.38672	504972.1	5409970.9
L4970.0	0.0	0.0	41432.19922	409.96	0	48.842679	-86.932235	55970.39	56231.6	18.35	55988.75	55940.46094	55874.65401	55744.49219	504972.1	5409969.6
L4970.0	0.0	0.0	41432.30078	408.80	0	48.842667	-86.932235	55970.75	56231.7	18.35	55989.09	55940.81250	55876.80204	55746.41016	504972.1	5409968.2
L4970.0	0.0	0.0	41432.39844	409.24	0	48.842654	-86.932235	55971.51	56231.7	18.34	55989.85	55941.58984	55888.29057	55757.69141	504972.1	5409966.8
L4970.0	0.0	0.0	41432.50000	409.30	0	48.842654	-86.932235	55972.14	56231.7	18.34	55990.48	55942.24609	55896.41912	55765.63281	504972.1	5409966.8
L4970.0	0.0	0.0	41432.60156	409.04	0	48.842640	-86.932236	55972.80	56231.7	18.34	55991.13	55942.92969	55904.66522	55773.71094	504972.0	5409965.3
L4970.0	0.0	0.0	41432.69922	410.86	0	48.842640	-86.932236	55973.08	56231.7	18.33	55991.41	55943.24609	55904.02638	55772.92188	504972.0	5409965.3
L4970.0	0.0	0.0	41432.80078	408.20	0	48.842627	-86.932236	55973.73	56231.7	18.33	55992.06	55943.94141	55911.61594	55780.38672	504972.0	5409963.8
L4970.0	0.0	0.0	41432.89844	408.89	0	48.842616	-86.932237	55974.32	56231.7	18.32	55992.64	55944.57422	55917.27599	55785.93750	504972.0	5409962.6
L4970.0	0.0	0.0	41432.89844	409.27	0	48.842616	-86.932237	55974.39	56231.7	18.32	55992.72	55944.71094	55911.07980	55779.65625	504972.0	5409962.6
L4970.0	0.0	0.0	41433.00000	408.92	0	48.842598	-86.932237	55974.97	56231.7	18.32	55993.29	55945.34375	55915.91868	55784.42969	504971.9	5409960.6
L4970.0	0.0	0.0	41433.19922	409.34	0	48.842584	-86.932237	55975.43	56231.7	18.32	55993.75	55945.87500	55917.93705	55786.40234	504971.9	5409959.1
L4970.0	0.0	0.0	41433.30078	407.82	0	48.842584	-86.932237	55976.09	56231.7	18.31	55994.40	55946.60156	55924.07949	55792.51953	504971.9	5409959.1
L4970.0	0.0	0.0	41433.39844	405.58	0	48.842571	-86.932238	55976.57	56231.7	18.31	55994.88	55947.16406	55926.03714	55794.46875	504971.9	5409957.6
L4970.0	0.0	0.0	41433.50000	405.51	0	48.842560	-86.932238	55977.13	56231.7	18.31	55995.44	55947.80859	55929.59900	55798.04688	504971.9	5409956.4
L4970.0	0.0	0.0	41433.60156	406.01	0	48.842550	-86.932238	55977.78	56231.7	18.31	55996.09	55948.55078	55935.00736	55803.48828	504971.9	5409955.3
L4970.0	0.0	0.0	41433.69922	407.47	0	48.842550	-86.932238	55978.29	56231.7	18.31	55996.59	55949.15234	55936.72664	55805.25781	504971.9	5409955.3
L4970.0	0.0	0.0	41433.80078	406.33	0	48.842539	-86.932239	55978.79	56231.7	18.30	55997.10	55949.76563	55938.46573	55807.06641	504971.8	5409954.0
L4970.0	0.0	0.0	41433.89844	404.02	0	48.842526	-86.932239	55979.42	56231.7	18.30	55997.72	55950.49609	55942.54680	55811.23828	504971.8	5409952.7
L4970.0	0.0	0.0	41434.00000	404.41	0	48.842526	-86.932239	55979.70	56231.7	18.30	55998.00	55950.89063	55938.58074	55807.38281	504971.8	5409952.7
L4970.0	0.0	0.0	41434.10156	405.38	0	48.842514	-86.932240	55980.39	56231.7	18.30	55998.69	55951.69922	55943.91187	55812.83594	504971.8	5409951.3
L4970.0	0.0	0.0	41434.19922	406.40	0	48.842500	-86.932240	55980.99	56231.7	18.30	55999.29	55952.42578	55946.99536	55816.06250	504971.7	5409949.7
L4970.0	0.0	0.0	41434.30078	408.19	0	48.842500	-86.932240	55981.52	56231.7	18.29	55999.82	55953.08594	55948.30412	55817.53125	504971.7	5409949.7
L4970.0	0.0	0.0	41434.39844	408.88	0	48.842490	-86.932241	55982.00	56231.7	18.29	56000.30	55953.70313	55948.31094	55817.71875	504971.7	5409948.6
L4970.0	0.0	0.0	41434.50000	408.43	0	48.842478	-86.932241	55982.39	56231.7	18.29	56000.68	55954.22266	55945.87073	55815.47266	504971.7	5409947.2
L4970.0	0.0	0.0	41434.60156	409.26	0	48.842478	-86.932241	55983.12	56231.7	18.29	56001.41	55955.09766	55951.39387	55821.20703	504971.7	5409947.2
L4970.0	0.0	0.0	41434.69922	410.71	0	48.842466	-86.932241	55983.83	56231.7	18.29	56002.11	55955.94531	55956.10826	55826.14453	504971.7	5409946.0
L4970.0	0.0	0.0	41434.80078	409.06	0	48.842457	-86.932241	55984.69	56231.7	18.28	56002.97	55956.96094	55964.41507	55834.69531	504971.6	5409944.9
L4970.0	0.0	0.0	41434.89844	410.62	0	48.842446	-86.932242	55985.32	56231.7	18.28	56003.60	55957.75000	55967.31078	55837.84766	504971.6	5409943.7
L4970.0	0.0	0.0	41434.89844	411.54	0	48.842446	-86.932242	55985.82	56231.7	18.28	56004.11	55958.42188	55967.34732	55838.15625	504971.6	5409943.7
L4970.0	0.0	0.0	41435.00000	410.97	0	48.842437	-86.932242	55986.23	56231.7	18.28	56004.51	55958.98828	55964.76533	55835.85547	504971.6	5409942.7
L4970.0	0.0	0.0	41435.19922	411.35	0	48.842437	-86.932242	55986.79	56231.7	18.27	56005.06	55959.70703	55965.58308	55836.97266	504971.6	5409942.7
L4970.0	0.0	0.0	41435.30078	410.66	0	48.842417	-86.932242	55987.42	56231.7	18.27	56005.69	55960.51172	55968.19193	55839.89063	504971.6	5409940.4
L4970.0	0.0	0.0	41435.39844	411.08	0	48.842417	-86.932242	55987.98	56231.7	18.27	56006.24	55961.24219	55968.90303	55840.92578	504971.6	5409940.4
L4970.0	0.0	0.0	41435.50000	410.35	0	48.842407	-86.932242	55988.71	56231.7	18.26	56006.97	55962.15234	55973.73406	55846.09375	504971.6	5409939.4
L4970.0	0.0	0.0	41435.60156	409.97	0	48.842398	-86.932242	55989.12	56231.7	18.26	56007.38	55962.74609	55971.13792	55843.84375	504971.6	5409938.4
L4970.0	0.0	0.0	41435.69922	412.01	0	48.842391	-86.932242	55990.02	56231.7	18.26	56008.28	55963.83594	55979.84306	55852.90234	504971.6	5409937.6
L4970.0	0.0	0.0	41435.80078	408.58	0	48.842391	-86.932242	55990.58	56231.7	18.26	56008.83	55964.57422	55980.44412	55853.87109	504971.6	5409937.6
L4970.0	0.0	0.0	41435.89844	407.39	0	48.842380	-86.932242	55991.39	56231.7	18.25	56009.64	55965.58203	55987.04684	55860.85156	504971.6	5409936.4
L4970.0	0.0	0.0	41436.00000	406.89	0	48.842372	-86.932242	55991.62	56231.8	18.25	56009.87	55966.00781	55980.24541	55854.43359	504971.6	5409935.4
L4970.0	0.0	0.0	41436.10156	408.08	0	48.842365	-86.932242	55992.20	56231.7	18.25	56010.45	55966.78516	55981.54072	55856.12109	504971.6	5409934.7
L4970.0	0.0	0.0	41436.19922	406.73	0	48.842365	-86.932242	55992.73	56231.7	18.26	56010.99	55967.52734	55981.92655	55856.90625	504971.6	5409934.7
L4970.0	0.0	0.0	41436.30078	406.69	0	48.842357	-86.932242	55993.54	56231.7	18.26	56011.80	55968.54297	55988.57435	55863.96094	504971.6	5409933.8
L4970.0	0.0	0.0	41436.39844	408.70	0	48.842348	-86.932241	55994.30	56231.7	18.27	56012.57	55969.51953	55994.32632	55870.12891	504971.7	5409932.8
L4970.0	0.0	0.0	41436.50000	411.44	0	48.842348	-86.932241	55995.06	56231.7	18.27	56013.33	55970.48828	55999.88225	55876.10156	504971.7	5409932.8
L4970.0	0.0	0.0	41436.60156	410.99	0	48.842338	-86.932241	55995.54	56231.7	18.27	56013.81	55971.17969	55999.00832	55875.65234	504971.7	5409931.7
L4970.0	0.0	0.0	41436.69922	409.39	0	48.842330	-86.932241	55995.79	56231.7	18.28	56014.07	55971.65234	55993.09718	55870.16406	504971.7	5409930.9
L4970.0	0.0	0.0	41436.80078	410.21	0	48.842330	-86.932241	55996.38	56231.7	18.28	56014.66	55972.45703	55994.86575	55872.36328	504971.7	5409930.9
L4970.0	0.0	0.0	41436.89844	410.00	0	48.842321	-86.932241	55996.78	56231.7	18.29	56015.06	55973.07422	55992.30166	55870.23047	504971.7	5409929.8

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4970.0	0.0	0.0	41436.89844	408.32	0	48.842313	-86.932241	55997.54	56231.7	18.29	56015.82	55974.05078	55998.12134	55876.48828	504971.7	5409928.9
L4970.0	0.0	0.0	41437.00000	408.74	0	48.842313	-86.932241	55998.32	56231.7	18.29	56016.61	55975.05859	56004.70307	55883.50391	504971.7	5409928.9
L4970.0	0.0	0.0	41437.19922	406.35	0	48.842301	-86.932242	55999.41	56231.7	18.29	56017.70	55976.37109	56018.29165	55897.52734	504971.6	5409927.6
L4970.0	0.0	0.0	41437.30078	407.75	0	48.842294	-86.932242	56000.02	56231.7	18.29	56018.31	55977.20313	56020.86482	55900.53516	504971.6	5409926.8
L4970.0	0.0	0.0	41437.39844	408.15	0	48.842294	-86.932242	56000.27	56231.7	18.29	56018.56	55977.67188	56015.20020	55895.30469	504971.6	5409926.8
L4970.0	0.0	0.0	41437.50000	406.84	0	48.842285	-86.932242	56000.75	56231.7	18.29	56019.04	55978.37500	56014.93750	55895.47266	504971.6	5409925.8
L4970.0	0.0	0.0	41437.60156	408.27	0	48.842278	-86.932243	56001.00	56231.7	18.29	56019.29	55978.84766	56009.44935	55890.41406	504971.6	5409925.0
L4970.0	0.0	0.0	41437.69922	408.89	0	48.842272	-86.932243	56001.68	56231.7	18.29	56019.97	55979.75000	56013.99278	55895.38281	504971.6	5409924.3
L4970.0	0.0	0.0	41437.80078	409.54	0	48.842265	-86.932243	56002.29	56231.7	18.29	56020.58	55980.58594	56017.01552	55898.82422	504971.5	5409923.6
L4970.0	0.0	0.0	41437.89844	411.36	0	48.842265	-86.932243	56002.97	56231.7	18.29	56021.26	55981.48828	56021.75631	55903.98047	504971.5	5409923.6
L4970.0	0.0	0.0	41438.00000	409.60	0	48.842257	-86.932243	56003.43	56231.7	18.29	56021.72	55982.17188	56021.51582	55904.15234	504971.5	5409922.7
L4970.0	0.0	0.0	41438.10156	410.82	0	48.842250	-86.932244	56003.66	56231.7	18.29	56021.95	55982.62891	56016.06566	55899.10547	504971.5	5409921.9
L4970.0	0.0	0.0	41438.19922	411.17	0	48.842250	-86.932244	56004.16	56231.7	18.28	56022.45	55983.35156	56016.96400	55900.39844	504971.5	5409921.9
L4970.0	0.0	0.0	41438.30078	411.91	0	48.842244	-86.932244	56004.68	56231.7	18.28	56022.95	55984.07422	56017.97312	55901.79688	504971.5	5409921.2
L4970.0	0.0	0.0	41438.39844	413.46	0	48.842236	-86.932244	56005.18	56231.7	18.27	56023.45	55984.79688	56019.09516	55903.29688	504971.5	5409920.4
L4970.0	0.0	0.0	41438.50000	413.89	0	48.842229	-86.932244	56005.91	56231.7	18.27	56024.18	55985.75000	56025.64766	55910.21875	504971.4	5409919.5
L4970.0	0.0	0.0	41438.60156	412.99	0	48.842229	-86.932244	56006.32	56231.7	18.27	56024.58	55986.37109	56024.69010	55909.62109	504971.4	5409919.5
L4970.0	0.0	0.0	41438.69922	412.22	0	48.842221	-86.932245	56006.88	56231.7	18.26	56025.14	55987.15234	56027.54858	55912.82813	504971.4	5409918.7
L4970.0	0.0	0.0	41438.80078	410.82	0	48.842215	-86.932245	56007.10	56231.7	18.26	56025.36	55987.58984	56022.66892	55908.28516	504971.4	5409918.0
L4970.0	0.0	0.0	41438.89844	409.80	0	48.842215	-86.932245	56007.35	56231.7	18.25	56025.61	55988.05859	56018.60357	55904.54297	504971.4	5409918.0
L4970.0	0.0	0.0	41438.89844	409.67	0	48.842208	-86.932245	56008.04	56231.7	18.25	56026.29	55988.95703	56024.59815	55910.84766	504971.4	5409917.2
L4970.0	0.0	0.0	41439.00000	409.72	0	48.842201	-86.932245	56008.34	56231.8	18.25	56026.59	55989.47266	56021.93352	55908.48047	504971.4	5409916.5
L4970.0	0.0	0.0	41439.19922	408.79	0	48.842201	-86.932245	56008.92	56231.8	18.25	56027.16	55990.25781	56025.63285	55912.46484	504971.4	5409916.5
L4970.0	0.0	0.0	41439.30078	408.55	0	48.842194	-86.932245	56009.25	56231.8	18.24	56027.49	55990.80078	56023.91012	55911.00781	504971.4	5409915.7
L4970.0	0.0	0.0	41439.39844	409.96	0	48.842188	-86.932245	56009.81	56231.8	18.24	56028.05	55991.57031	56027.62822	55914.97656	504971.4	5409915.0
L4970.0	0.0	0.0	41439.50000	410.52	0	48.842183	-86.932245	56010.14	56231.8	18.24	56028.38	55992.11328	56026.15645	55913.73828	504971.4	5409914.4
L4970.0	0.0	0.0	41439.60156	409.15	0	48.842183	-86.932245	56010.48	56231.8	18.24	56028.72	55992.66016	56025.04190	55912.84375	504971.4	5409914.4
L4970.0	0.0	0.0	41439.69922	408.95	0	48.842175	-86.932246	56010.87	56231.8	18.24	56029.11	55993.25391	56025.20929	55913.21094	504971.4	5409913.6
L4970.0	0.0	0.0	41439.80078	410.53	0	48.842170	-86.932246	56011.50	56231.8	18.23	56029.73	55994.07813	56030.81884	55919.00000	504971.3	5409913.0
L4970.0	0.0	0.0	41439.89844	409.64	0	48.842164	-86.932246	56011.81	56231.8	18.23	56030.04	55994.58984	56029.39058	55917.73438	504971.3	5409912.3
L4970.0	0.0	0.0	41440.00000	410.03	0	48.842164	-86.932246	56012.26	56231.8	18.23	56030.49	55995.24219	56031.32462	55919.80859	504971.3	5409912.3
L4970.0	0.0	0.0	41440.10156	412.99	0	48.842159	-86.932247	56012.62	56231.8	18.23	56030.84	55995.78906	56031.07422	55919.68359	504971.3	5409911.8
L4970.0	0.0	0.0	41440.19922	412.38	0	48.842154	-86.932247	56013.12	56231.8	18.22	56031.34	55996.48438	56034.41711	55923.12500	504971.3	5409911.3
L4970.0	0.0	0.0	41440.30078	408.66	0	48.842154	-86.932247	56013.42	56231.8	18.22	56031.64	55996.97656	56033.26421	55922.05469	504971.3	5409911.3
L4970.0	0.0	0.0	41440.39844	409.39	0	48.842149	-86.932247	56013.95	56231.8	18.21	56032.17	55997.69531	56037.55316	55926.40234	504971.2	5409910.7
L4970.0	0.0	0.0	41440.50000	409.84	0	48.842145	-86.932248	56014.26	56231.8	18.21	56032.47	55998.18359	56036.65258	55925.53516	504971.2	5409910.3
L4970.0	0.0	0.0	41440.60156	408.45	0	48.842140	-86.932248	56014.94	56231.8	18.21	56033.14	55999.03906	56044.42896	55933.32813	504971.2	5409909.7
L4970.0	0.0	0.0	41440.69922	408.81	0	48.842140	-86.932248	56015.35	56231.8	18.20	56033.55	55999.63281	56046.32194	55935.21094	504971.2	5409909.7
L4970.0	0.0	0.0	41440.80078	409.63	0	48.842135	-86.932249	56015.95	56231.8	18.20	56034.15	56000.41016	56052.73129	55941.58594	504971.1	5409909.1
L4970.0	0.0	0.0	41440.89844	409.11	0	48.842132	-86.932249	56016.13	56231.8	18.19	56034.33	56000.76563	56049.55886	55938.35547	504971.1	5409908.7
L4970.0	0.0	0.0	41440.89844	407.97	0	48.842128	-86.932250	56016.46	56231.8	18.19	56034.65	56001.26172	56049.74664	55938.46094	504971.1	5409908.4
L4970.0	0.0	0.0	41441.00000	409.05	0	48.842128	-86.932250	56016.66	56231.8	18.19	56034.85	56001.63281	56047.28540	55935.89063	504971.1	5409908.4
L4970.0	0.0	0.0	41441.19922	408.15	0	48.842123	-86.932250	56016.96	56231.8	18.18	56035.15	56002.09766	56047.25935	55935.73438	504971.0	5409907.8
L4970.0	0.0	0.0	41441.30078	408.29	0	48.842119	-86.932251	56017.32	56231.8	18.18	56035.50	56002.61328	56048.51264	55936.82813	504971.0	5409907.3
L4970.0	0.0	0.0	41441.39844	406.04	0	48.842119	-86.932251	56017.49	56231.8	18.18	56035.67	56002.94531	56045.72942	55933.85938	504971.0	5409907.3
L4970.0	0.0	0.0	41441.50000	405.61	0	48.842114	-86.932251	56017.68	56231.8	18.18	56035.85	56003.28516	56043.30062	55931.22266	504970.9	5409906.8
L4970.0	0.0	0.0	41441.60156	407.02	0	48.842110	-86.932252	56018.25	56231.8	18.17	56036.42	56004.00781	56050.00832	55937.69141	504970.9	5409906.4
L4970.0	0.0	0.0	41441.69922	408.44	0	48.842106	-86.932253	56018.84	56231.8	18.17	56037.01	56004.75000	56057.30119	55944.72266	504970.9	5409905.9
L4970.0	0.0	0.0	41441.80078	409.06	0	48.842106	-86.932253	56018.71	56231.8	18.17	56036.87	56004.76172	56047.84565	55934.97656	504970.9	5409905.9
L4970.0	0.0	0.0	41441.89844	409.38	0	48.842102	-86.932253	56019.39	56231.8	18.16	56037.55	56005.58594	56057.46408	55944.27734	504970.8	5409905.5
L4970.0	0.0	0.0	41442.00000	409.98	0	48.842102	-86.932253	56019.55	56231.8	18.16	56037.71	56005.88672	56055.18737	55941.65234	504970.8	5409905.5
L4970.0	0.0	0.0	41442.10156	412.87	0	48.842095	-86.932254	56019.54	56231.8	18.16	56037.70	56006.01563	56049.10446	55935.19922	504970.8	5409904.7
L4970.0	0.0	0.0	41442.19922	414.29	0	48.842095	-86.932254	56019.90	56231.8	18.15	56038.05	56006.50391	56051.46440	55937.16016	504970.8	5409904.7
L4970.0	0.0	0.0	41442.30078	411.88	0	48.842092	-86.932254	56020.20	56231.9	18.15	56038.34	56006.92578	56052.56059	55937.82813	504970.8	5409904.3
L4970.0	0.0	0.0	41442.39844	411.70	0	48.842089	-86.932254	56020.38	56231.9	18.14	56038.52	56007.23438	56051.23763	55936.04688	504970.7	5409904.0
L4970.0	0.0	0.0	41442.50000	411.52	0	48.842089	-86.932254	56020.58	56231.9	18.14	56038.71	56007.55078	56050.26913	55934.59375	504970.7	5409904.0
L4970.0	0.0	0.0	41442.60156	412.49	0	48.842087	-86.932254	56021.21	56231.9	18.13	56039.35	56008.31250	56059.82434	55943.63672	504970.7	5409903.8
L4970.0	0.0	0.0	41442.69922	412.08	0	48.842084	-86.932254	56021.62	56231.9	18.13	56039.75	56008.83203	56063.95685	55947.23047	504970.7	5409903.5
L4970.0	0.0	0.0	41442.80078	411.45	0	48.842084	-86.932254	56021.92	56231.9	18.12	56040.04	56009.23828	56065.67156	55948.37891	504970.7	5409903.5
L4970.0	0.0	0.0	41442.89844	411.14	0	48.842081	-86.932254	56021.97	56231.9	18.11	56040.08	56009.39063	56061.73338	55943.84375	504970.7	5409903.1
L4970.0	0.0	0.0	41442.89844	411.44	0	48.842078	-86.932254	56022.05	56231.9	18.11	56040.16	56009.57813	56058.84513	55940.33203	504970.7	5409902.8
L4970.0	0.0	0.0	41443.00000	412.19	0	48.842076	-86.932254	56021.85	56231.9	18.11	56039.96	56009.48438	56049.61183	55930.44922	504970.7	5409902.6
L4970.0	0.0	0.0	41443.19922	412.48	0	48.842076	-86.932254	56021.97	56231.9	18.10	56040.07	56009.69531	56047.66980	55927.82813	504970.7	5409902.6
L4970.0	0.0	0.0	41443.30078	414.96	0	48.842074	-86.932254	56022.05	56231.9	18.10	56040.15	56009.87500	56045.16195	55924.61328	504970.7	5409902.4
L4970.0	0.0	0.0	41443.39844	415.08	0	48.842073	-86.932254	56022.30	56231.9	18.10	56040.40	56010.22266	56046.71135	55925.42969	504970.7	5409902.2
L4970.0	0.0	0.0	41443.50000	417.18	0	48.842073	-86.932254	56022.63	56231.9	18.10	56040.72	56010.63281	56050.00772	55927.96484	504970.7	5409902.2
L4970.0	0.0	0.0	41443.60156	414.13	0	48.842070	-86.932254	56022.86	56231.9	18.09	56040.95	56010.95313	56051.35419	55928.52734	504970.7	5409901.9
L4970.0	0.0	0.0	41443.69922	413.15	0	48.842068	-86.932254	56022.98	56231.9	18.09	56041.07	56011.16016	56050.28951	55926.64844	504970.7	5409901.7
L4970.0	0.0	0.0	41443.80078	412.46	0	48.842068	-86.932254	56023.04	56231.9	18.09	56041.12	56011.29297	56047.73916	55923.25781	504970.7	5409901.7
L4970.0	0.0	0.0	41443.89844	412.73	0	48.842067	-86.932255	56023.01	56231.9	18.08	56041.09	56011.34375	56043.47310	55918.12500	504970.7	5409901.5
L4970.0	0.0	0.0	41444.00000	412.92	0	48.842065	-86.932255	56022.78	56231.9	18.08	56040.86	56011.19141	56034.71912	55908.48047	504970.7	5409901.4
L4970.0	0.0	0.0	41444.10156	412.30	0	48.842065	-86.932255	56022.73	56231.9	18.08	56040.81	56011.21484	56030.26067	55903.10547	504970.7	5409901.4
L4970.0	0.0	0.0	41444.19922	414.09	0	48.842064	-86.932255	56023.46	56231.9	18.07	56041.53	56012.00391	56043.73460	55915.63672	504970.7	5409901.2
L4970.0	0.0	0.0	41444.30078	414.49	0	48.842063	-86.932256	56023.39	56231.9	18.07	56041.45	56011.99219	56038.85749	55909.79297	504970.6	5409901.1
L4970.0	0.0	0.0	41444.39844	413.77	0	48.842063	-86.932256	56023.82	56231.9	18.06	56041.88	56012.48828	56045.90637	55915.85156	504970.6	5409901.1
L4970.0	0.0	0.0	41444.50000	414.19	0	48.842062	-86.932256	56023.74	56231.9	18.06	56041.79	56012.46094	56041.07796	55910.00781	504970.6	5409901.0
L4970.0	0.0	0.0	41444.60156	404.24	0	48.842061	-86.932256	56024.40	56231.9	18.05	56042.45	56013.17969	56053.72490	55921.61719	504970.6	5409901.0
L4970.0	0.0	0.0	41444.69922	404.68	0	48.842061	-86.932257	56023.26	56232	18.04	56041.31	56012.09766	56024.91483	55891.75000	504970.6	5409900.9
L4970.0	0.0	0.0	41444.80078	404.00	0	48.842061	-86.932257	56023.41	56232	18.04	56041.45	56012.29297	56025.83183	55891.58594	504970.6	5409900.9
L4970.0	0.0	0.0	41444.89844	404.85	0	48.842061	-86.932257	56023.48	56232	18.03	56041.52	56012.41406	56025.27707	55889.92578	504970.5	5409900.9
L4970.0	0.0	0.0	41444.89844	404.34	0	48.842060	-86.932257	56023.26	56232	18.03	56041.30	56012.24609	56018.16748	55881.69141	504970.5	5409900.8
L4970.0	0.0	0.0	41445.00000	403.76	0	48.842059	-86.932258	56023.41	56232	18.03	56041.44	56012.43359	56019.52677	55881.90625	504970.5	5409900.7
L4970.0	0.0	0.0	41445.19922	402.68	0	48.842059	-86.932258	56023.41	56232	18.03	56041.44	56012.47656	56017.80071	55879.01563	504970.5	5409900.7
L4970.0	0.0	0.0	41445.30078	400.37	0	48.842059	-86.932258	56024.27	56232	18.03	56042.30	56013.37891	56036.10194	55896.13281	504970.5	5409900.7
L4970.0	0.0	0.0	41445.39844	396.65	0	48.842057	-86.932259	56024.05	56232	18.03	56042.07	56013.19141	56029.36488	55888.19141	504970.4	5409900.5
L4970.0	0.0	0.0	41445.50000	400.81	0	48.842057	-86.932259	56025.26	56232	18.02	56043.28	56014.43750	56056.06239	55913.66406	504970.4	5409900.5
L4970.0	0.0	0.0	41445.60156	401.35	0	48.842056	-86.932259	56024.68	56232	18.02	56042.70	56013.89453	56041.54640	55897.91016	504970.4	5409900.3
L4970.0	0.0	0.0	41445.69922	402.99	0	48.842054	-86.932260	56025.04	56232	18.02	56043.06	56014.28906	56048.91197	55904.01953	504970.3	5409900.2
L4970.0	0.0	0.0	41445.80078	405.10	0	48.842053	-86.932260	56024.42	56232	18.02	56042.44	56013.69922	56033.78674	55887.62500	504970.3	5409900.0
L4970.0	0.0	0.0	41445.89844	406.48	0	48.842053	-86.932260	56024.50	56232	18.02	56042.52	56013.81250	56034.99887	55887.55078	504970.3	5409900.0
L4970.0	0.0	0.0	41446.00000	405.25	0	48.842051	-86.932261	56024.88	56232	18.02	56042.90	56014.21875	56043.30503	55894.55469	504970.3	5409899.8
L4970.0	0.0	0.0	41446.10156	405.73	0	48.842050	-86.932261	56025.01	56232	18.02	56043.03	56014.37891	56045.99516	55895.92578	504970.2	5409899.6
L4970.0	0.0	0.0	41446.19922	405.70	0	48.842050	-86.932261	56025.41	56232	18.02	56043.43	56014.80469	56055.08819	55903.69141	504970.2	5409899.6

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4970.0	0.0	0.0	41446.30078	404.99	0	48.842048	-86.932262	56024.75	56232	18.02	56042.77	56014.16797	56039.84717	55887.10938	504970.2	5409899.5
L4970.0	0.0	0.0	41446.39844	404.63	0	48.842046	-86.932263	56025.46	56232	18.02	56043.48	56014.89844	56056.43341	55902.34375	504970.1	5409899.2
L4970.0	0.0	0.0	41446.50000	403.77	0	48.842046	-86.932263	56025.01	56232	18.02	56043.03	56014.47266	56046.37631	55890.92188	504970.1	5409899.2
L4970.0	0.0	0.0	41446.60156	404.31	0	48.842044	-86.932264	56025.77	56232	18.02	56043.79	56015.25391	56064.45037	55907.62109	504970.0	5409899.0
L4970.0	0.0	0.0	41446.69922	404.51	0	48.842042	-86.932265	56025.59	56232	18.02	56043.61	56015.08984	56060.96710	55902.75781	504970.0	5409898.8
L4970.0	0.0	0.0	41446.80078	403.45	0	48.842042	-86.932265	56025.74	56232	18.02	56043.76	56015.26172	56065.27846	55905.67969	504970.0	5409898.8
L4970.0	0.0	0.0	41446.89844	404.54	0	48.842039	-86.932266	56025.66	56232	18.02	56043.68	56015.19922	56064.44269	55903.44531	504969.9	5409898.5
L4970.0	0.0	0.0	41446.89844	403.83	0	48.842036	-86.932268	56025.89	56232	18.02	56043.91	56015.44531	56070.94036	55908.53516	504969.8	5409898.2
L4970.0	0.0	0.0	41447.00000	402.68	0	48.842036	-86.932268	56026.72	56232	18.02	56044.74	56016.28906	56091.47410	55927.65625	504969.8	5409898.2
L4970.0	0.0	0.0	41447.19922	403.23	0	48.842033	-86.932270	56026.78	56232	18.02	56044.80	56016.36719	56094.38176	55929.14844	504969.6	5409897.8
L4970.0	0.0	0.0	41447.30078	399.95	0	48.842030	-86.932271	56027.69	56232	18.02	56045.71	56017.28906	56117.10376	55950.44922	504969.5	5409897.5
L4970.0	0.0	0.0	41447.39844	401.70	0	48.842027	-86.932274	56027.59	56232	18.02	56045.61	56017.20703	56116.65322	55948.57422	504969.3	5409897.1
L4970.0	0.0	0.0	41447.50000	402.27	0	48.842027	-86.932274	56028.32	56232	18.02	56046.34	56017.94922	56135.55482	55966.05078	504969.3	5409897.1
L4970.0	0.0	0.0	41447.60156	403.15	0	48.842023	-86.932276	56028.29	56232	18.02	56046.31	56017.93359	56137.06151	55966.12891	504969.1	5409896.7
L4970.0	0.0	0.0	41447.69922	402.25	0	48.842023	-86.932276	56028.50	56232	18.02	56046.52	56018.15625	56144.28428	55971.92188	504969.1	5409896.7
L4975.0	0.0	0.0	27800.69922	385.66	0	48.849044	-86.932163	56412.31	56230.6	19.39	56431.69	56441.87109	56462.05818	56493.83984	504976.7	5410677.2
L4975.0	0.0	0.0	27800.80078	388.95	0	48.849043	-86.932162	56412.20	56230.6	19.38	56431.58	56441.83594	56467.01988	56499.50000	504976.8	5410677.0
L4975.0	0.0	0.0	27800.90039	389.55	0	48.849042	-86.932161	56411.82	56230.6	19.38	56431.20	56441.53516	56465.82848	56499.00391	504976.9	5410676.9
L4975.0	0.0	0.0	27801.00000	389.88	0	48.849040	-86.932161	56411.59	56230.6	19.37	56430.96	56441.37109	56468.02046	56501.89453	504976.9	5410676.7
L4975.0	0.0	0.0	27801.09961	389.16	0	48.849040	-86.932161	56411.16	56230.6	19.37	56430.52	56441.00781	56465.69178	56500.26172	504976.9	5410676.7
L4975.0	0.0	0.0	27801.19922	385.00	0	48.849038	-86.932160	56410.77	56230.6	19.36	56430.13	56440.69531	56464.65816	56499.92578	504977.0	5410676.5
L4975.0	0.0	0.0	27801.30078	391.87	0	48.849037	-86.932159	56410.72	56230.6	19.36	56430.08	56440.71875	56471.66544	56507.62891	504977.0	5410676.4
L4975.0	0.0	0.0	27801.40039	392.72	0	48.849037	-86.932159	56410.34	56230.6	19.36	56429.70	56440.41406	56471.13557	56507.79297	504977.0	5410676.4
L4975.0	0.0	0.0	27801.50000	386.16	0	48.849034	-86.932159	56410.16	56230.6	19.36	56429.52	56440.31250	56475.39517	56512.75000	504977.1	5410676.1
L4975.0	0.0	0.0	27801.59961	384.81	0	48.849032	-86.932158	56409.75	56230.6	19.35	56429.10	56439.96484	56474.21444	56512.26172	504977.1	5410675.8
L4975.0	0.0	0.0	27801.69922	384.81	0	48.849032	-86.932158	56409.44	56230.7	19.35	56428.79	56439.73047	56475.73412	56514.47656	504977.1	5410675.8
L4975.0	0.0	0.0	27801.80078	389.47	0	48.849030	-86.932158	56408.81	56230.7	19.35	56428.15	56439.16406	56469.72422	56509.16016	504977.1	5410675.6
L4975.0	0.0	0.0	27801.90039	388.60	0	48.849027	-86.932158	56408.52	56230.7	19.34	56427.87	56438.95703	56472.23161	56512.35938	504977.1	5410675.3
L4975.0	0.0	0.0	27802.00000	388.72	0	48.849027	-86.932158	56407.73	56230.7	19.34	56427.07	56438.23047	56462.79434	56503.61328	504977.1	5410675.3
L4975.0	0.0	0.0	27802.09961	387.40	0	48.849024	-86.932159	56407.30	56230.7	19.33	56426.63	56437.86328	56461.87729	56503.38672	504977.1	5410675.0
L4975.0	0.0	0.0	27802.19922	387.17	0	48.849024	-86.932159	56406.96	56230.7	19.33	56426.29	56437.59375	56463.43569	56505.63281	504977.1	5410675.0
L4975.0	0.0	0.0	27802.30078	385.73	0	48.849021	-86.932159	56406.33	56230.7	19.32	56425.66	56437.03516	56458.40165	56501.28516	504977.0	5410674.7
L4975.0	0.0	0.0	27802.40039	386.62	0	48.849019	-86.932160	56405.69	56230.7	19.32	56425.01	56436.45313	56453.05470	56496.62500	504976.9	5410674.3
L4975.0	0.0	0.0	27802.50000	387.74	0	48.849019	-86.932160	56404.65	56230.7	19.32	56423.96	56435.47266	56438.55915	56482.81250	504976.9	5410674.3
L4975.0	0.0	0.0	27802.59961	392.05	0	48.849016	-86.932161	56403.83	56230.7	19.31	56423.14	56434.71875	56429.56565	56474.50000	504976.9	5410674.0
L4975.0	0.0	0.0	27802.69922	389.54	0	48.849012	-86.932163	56402.91	56230.7	19.31	56422.22	56433.86719	56418.40085	56464.01563	504976.7	5410673.6
L4975.0	0.0	0.0	27802.80078	388.92	0	48.849012	-86.932163	56402.25	56230.7	19.30	56421.55	56433.26172	56413.20390	56459.49609	504976.7	5410673.6
L4975.0	0.0	0.0	27802.90039	389.57	0	48.849008	-86.932165	56401.66	56230.7	19.29	56420.96	56432.73438	56410.02170	56456.99219	504976.6	5410673.2
L4975.0	0.0	0.0	27803.00000	391.01	0	48.849005	-86.932167	56401.20	56230.7	19.29	56420.49	56432.32813	56409.78427	56457.42578	504976.4	5410672.8
L4975.0	0.0	0.0	27803.09961	389.85	0	48.849001	-86.932169	56400.82	56230.7	19.29	56420.11	56432.00781	56411.79360	56460.10547	504976.3	5410672.4
L4975.0	0.0	0.0	27803.19922	391.02	0	48.848997	-86.932171	56400.00	56230.7	19.28	56419.28	56431.23828	56403.49197	56452.47266	504976.1	5410671.9
L4975.0	0.0	0.0	27803.30078	390.75	0	48.848997	-86.932171	56399.01	56230.7	19.28	56418.29	56430.30859	56391.62216	56441.26563	504976.1	5410671.9
L4975.0	0.0	0.0	27803.40039	390.89	0	48.848992	-86.932174	56398.09	56230.7	19.28	56417.36	56429.43359	56381.29891	56431.60547	504975.9	5410671.3
L4975.0	0.0	0.0	27803.50000	389.89	0	48.848992	-86.932174	56397.86	56230.7	19.28	56417.13	56429.26172	56387.40337	56438.36328	504975.9	5410671.3
L4975.0	0.0	0.0	27803.59961	387.93	0	48.848987	-86.932176	56397.58	56230.7	19.27	56416.85	56429.03516	56392.49338	56444.10938	504975.8	5410670.9
L4975.0	0.0	0.0	27803.69922	387.93	0	48.848983	-86.932178	56397.20	56230.7	19.27	56416.46	56428.69531	56395.17174	56447.43359	504975.6	5410670.4
L4975.0	0.0	0.0	27803.80078	391.37	0	48.848978	-86.932180	56396.43	56230.7	19.27	56415.69	56427.97266	56389.15760	56442.06641	504975.5	5410669.8
L4975.0	0.0	0.0	27803.90039	388.41	0	48.848974	-86.932181	56395.84	56230.7	19.26	56415.10	56427.43359	56387.47055	56441.01953	504975.4	5410669.4
L4975.0	0.0	0.0	27804.00000	388.80	0	48.848974	-86.932181	56395.36	56230.7	19.26	56414.62	56427.00000	56388.47988	56442.66406	504975.4	5410669.4
L4975.0	0.0	0.0	27804.09961	390.86	0	48.848970	-86.932182	56394.72	56230.7	19.26	56413.97	56426.39063	56385.67118	56440.48047	504975.4	5410668.9
L4975.0	0.0	0.0	27804.19922	391.26	0	48.848966	-86.932183	56394.26	56230.7	19.25	56413.51	56425.97266	56387.41222	56442.84766	504975.3	5410668.4
L4975.0	0.0	0.0	27804.30078	392.36	0	48.848962	-86.932183	56393.80	56230.8	19.25	56413.05	56425.55078	56389.28073	56445.33203	504975.3	5410668.1
L4975.0	0.0	0.0	27804.40039	390.50	0	48.848957	-86.932183	56393.11	56230.8	19.24	56412.35	56424.89063	56385.69134	56442.35547	504975.3	5410667.5
L4975.0	0.0	0.0	27804.50000	390.92	0	48.848957	-86.932183	56392.65	56230.8	19.24	56411.89	56424.46484	56387.80115	56445.07031	504975.3	5410667.5
L4975.0	0.0	0.0	27804.59961	391.41	0	48.848954	-86.932183	56392.07	56230.8	19.24	56411.30	56423.90625	56387.00098	56444.86719	504975.3	5410667.1
L4975.0	0.0	0.0	27804.69922	391.41	0	48.848948	-86.932183	56391.84	56230.8	19.23	56411.07	56423.70313	56394.67963	56453.13672	504975.3	5410666.4
L4975.0	0.0	0.0	27804.80078	391.40	0	48.848948	-86.932183	56391.50	56230.8	19.23	56410.73	56423.39063	56399.90167	56458.93750	504975.3	5410666.4
L4975.0	0.0	0.0	27804.90039	392.88	0	48.848943	-86.932182	56391.09	56230.8	19.22	56410.32	56423.00391	56403.59077	56463.20313	504975.3	5410665.9
L4975.0	0.0	0.0	27805.00000	392.35	0	48.848938	-86.932182	56390.53	56230.8	19.22	56409.75	56422.45313	56403.64710	56463.82422	504975.4	5410665.4
L4975.0	0.0	0.0	27805.09961	390.61	0	48.848933	-86.932181	56390.25	56230.8	19.21	56409.47	56422.19141	56410.52753	56471.26172	504975.4	5410664.9
L4975.0	0.0	0.0	27805.19922	389.74	0	48.848933	-86.932181	56389.87	56230.8	19.21	56409.07	56421.80859	56414.69004	56475.96875	504975.4	5410664.9
L4975.0	0.0	0.0	27805.30078	392.21	0	48.848926	-86.932181	56389.54	56230.8	19.20	56408.74	56421.48828	56420.54452	56482.35938	504975.5	5410664.1
L4975.0	0.0	0.0	27805.40039	391.09	0	48.848922	-86.932180	56389.16	56230.8	19.20	56408.36	56421.11719	56425.29164	56487.63281	504975.5	5410663.6
L4975.0	0.0	0.0	27805.50000	389.34	0	48.848915	-86.932180	56388.62	56230.8	19.19	56407.81	56420.57031	56426.13159	56488.98828	504975.5	5410662.8
L4975.0	0.0	0.0	27805.59961	388.56	0	48.848915	-86.932180	56387.90	56230.8	19.18	56407.09	56419.85156	56423.05450	56486.41406	504975.5	5410662.8
L4975.0	0.0	0.0	27805.59961	388.56	0	48.848909	-86.932179	56387.39	56230.8	19.18	56406.58	56419.33984	56424.88653	56488.73828	504975.6	5410662.2
L4975.0	0.0	0.0	27805.80078	388.08	0	48.848901	-86.932179	56386.35	56230.8	19.17	56405.52	56418.27344	56413.94381	56478.27734	504975.6	5410661.3
L4975.0	0.0	0.0	27805.90039	387.03	0	48.848901	-86.932179	56385.45	56230.8	19.17	56404.62	56417.36328	56406.72525	56471.52344	504975.6	5410661.3
L4975.0	0.0	0.0	27806.00000	388.30	0	48.848895	-86.932179	56384.89	56230.8	19.16	56404.05	56416.78125	56407.17214	56472.42578	504975.6	5410660.6
L4975.0	0.0	0.0	27806.09961	390.42	0	48.848888	-86.932179	56384.08	56230.8	19.16	56403.24	56415.95313	56402.01729	56467.70703	504975.6	5410659.8
L4975.0	0.0	0.0	27806.19922	389.55	0	48.848881	-86.932179	56383.41	56230.8	19.16	56402.57	56415.25781	56400.08427	56466.19922	504975.6	5410659.0
L4975.0	0.0	0.0	27806.30078	386.67	0	48.848881	-86.932179	56382.49	56230.8	19.16	56401.65	56414.31250	56392.29056	56458.81641	504975.6	5410659.0
L4975.0	0.0	0.0	27806.40039	388.36	0	48.848873	-86.932179	56382.46	56230.8	19.16	56401.63	56414.26172	56405.36421	56472.28516	504975.6	5410658.2
L4975.0	0.0	0.0	27806.50000	389.65	0	48.848873	-86.932179	56381.73	56230.8	19.16	56400.89	56413.48828	56401.61934	56468.91797	504975.6	5410658.2
L4975.0	0.0	0.0	27806.59961	390.57	0	48.848865	-86.932180	56381.66	56230.8	19.16	56400.82	56413.37891	56413.36389	56481.02344	504975.5	5410657.2
L4975.0	0.0	0.0	27806.69922	388.18	0	48.848855	-86.932180	56380.14	56230.8	19.16	56399.31	56411.82422	56391.51652	56459.52344	504975.5	5410656.1
L4975.0	0.0	0.0	27806.80078	388.91	0	48.848847	-86.932180	56379.22	56230.8	19.16	56398.38	56410.84766	56383.03414	56451.36719	504975.5	5410655.3
L4975.0	0.0	0.0	27806.90039	388.18	0	48.848847	-86.932180	56378.26	56230.8	19.16	56397.42	56409.83203	56373.71531	56442.35938	504975.5	5410655.3
L4975.0	0.0	0.0	27807.00000	388.80	0	48.848837	-86.932180	56378.03	56230.8	19.16	56397.19	56409.54297	56381.21600	56450.14844	504975.5	5410654.2
L4975.0	0.0	0.0	27807.09961	389.13	0	48.848830	-86.932181	56377.52	56230.8	19.16	56396.68	56408.97266	56382.03221	56451.23828	504975.5	5410653.4
L4975.0	0.0	0.0	27807.19922	389.96	0	48.848822	-86.932181	56376.65	56230.8	19.16	56395.81	56408.03125	56374.28566	56443.74219	504975.5	5410652.5
L4975.0	0.0	0.0	27807.30078	390.87	0	48.848822	-86.932181	56376.04	56230.8	19.16	56395.20	56407.34766	56372.37533	56442.06250	504975.5	5410652.5
L4975.0	0.0	0.0	27807.40039	390.46	0	48.848812	-86.932181	56375.30	56230.8	19.16	56394.46	56406.53125	56367.21331	56437.11328	504975.4	5410651.4
L4975.0	0.0	0.0	27807.50000	391.72	0	48.848812	-86.932181	56374.84	56230.8	19.16	56394.00	56405.98438	56368.31441	56438.40234	504975.4	5410651.4
L4975.0	0.0	0.0	27807.59961	393.87	0	48.848803	-86.932181	56373.94	56230.8	19.16	56393.10	56404.99609	56358.91606	56429.16797	504975.4	5410650.4
L4975.0	0.0	0.0	27807.69922	393.87	0	48.848793	-86.932181	56373.46	56230.8	19.16	56392.62	56404.42188	56358.99653	56429.39453	504975.4	5410649.2
L4975.0	0.0	0.0	27807.80078	393.74	0	48.848793	-86.932181	56372.80	56230.8	19.16	56391.96	56403.66016	56354.58296	56425.10156	504975.4	5410649.2
L4975.0	0.0	0.0	27807.90039	393.43	0	48.848783	-86.932182	56372.13	56230.8	19.16	56391.29	56402.88281	56349.60768	56420.22656	504975.4	5410648.2
L4975.0	0.0	0.0	27808.00000	392.62	0	48.848777	-86.932182	56371.32	56230.8	19.16	56390.48	56401.96094	56341.02649	56411.71875	504975.4	5410647.5
L4975.0	0.0	0.0	27808.09961	393.52	0	48.848777	-86.932182	56370.42	56230.8	19.16	56389.58	56400.94141	56329.98060	56400.71875	504975.4	5410647.5
L4975.0	0.0	0.0	27808.19922	391.31	0	48.848766	-86.932182	56370.14	56230.8	19.15	56389.29	56400.52734	56332.72600	56403.48828	504975.4	5410646.3
L4975.0	0.0	0.0	27808.30078	391.98	0	48.848758	-86.932182	56369.73	56230.9	19.15	56388.88	56399.98828	56332.26528	56403.02734	504975.4	5410645.3
L4975.0	0.0	0.0	27808.40039	391.21	0	48.848748	-86.932182	56369.48	56230.9	19.14	56388.62	56399.58984	56334.85474	56405.58984	504975.4	5410644.2

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4975.0	0.0	0.0	27808.50000	391.02	0	48.848748	-86.932182	56368.64	56230.9	19.14	56387.78	56398.60547	56323.49655	56394.17578	504975.4	5410644.2
L4975.0	0.0	0.0	27808.59961	391.68	0	48.848738	-86.932183	56368.25	56230.9	19.13	56387.38	56398.05859	56321.88711	56392.48438	504975.3	5410643.1
L4975.0	0.0	0.0	27808.69922	391.08	0	48.848730	-86.932183	56367.64	56230.9	19.13	56386.77	56397.29297	56314.88858	56385.37891	504975.3	5410642.2
L4975.0	0.0	0.0	27808.80078	391.22	0	48.848730	-86.932183	56367.70	56230.9	19.12	56386.82	56397.17969	56322.70903	56393.06250	504975.3	5410642.2
L4975.0	0.0	0.0	27808.90039	390.57	0	48.848719	-86.932183	56367.28	56230.9	19.11	56386.39	56396.58203	56318.81601	56389.00391	504975.3	5410641.0
L4975.0	0.0	0.0	27809.00000	390.07	0	48.848719	-86.932183	56366.46	56230.9	19.11	56385.57	56395.58594	56305.27940	56375.27344	504975.3	5410641.0
L4975.0	0.0	0.0	27809.09961	389.10	0	48.848700	-86.932183	56365.60	56230.9	19.11	56384.71	56394.54297	56290.21511	56359.98828	504975.3	5410638.9
L4975.0	0.0	0.0	27809.19922	388.93	0	48.848700	-86.932183	56365.09	56230.9	19.11	56384.20	56393.84375	56282.66922	56352.18750	504975.3	5410638.9
L4975.0	0.0	0.0	27809.30078	387.98	0	48.848688	-86.932184	56365.45	56230.9	19.11	56384.56	56394.00781	56294.71094	56363.94531	504975.3	5410637.6
L4975.0	0.0	0.0	27809.40039	388.99	0	48.848688	-86.932184	56364.86	56230.9	19.11	56383.97	56393.21875	56283.99533	56352.91797	504975.3	5410637.6
L4975.0	0.0	0.0	27809.50000	389.91	0	48.848678	-86.932184	56364.89	56230.9	19.11	56384.00	56393.03906	56287.00849	56355.58984	504975.3	5410636.5
L4975.0	0.0	0.0	27809.59961	390.39	0	48.848670	-86.932183	56364.18	56230.9	19.11	56383.29	56392.11328	56272.10266	56340.30859	504975.3	5410635.6
L4975.0	0.0	0.0	27809.69922	390.39	0	48.848662	-86.932183	56364.35	56230.9	19.11	56383.46	56392.05859	56276.92707	56344.72656	504975.3	5410634.7
L4975.0	0.0	0.0	27809.80078	386.42	0	48.848662	-86.932183	56363.61	56230.9	19.11	56382.72	56391.08984	56259.83527	56327.19922	504975.3	5410634.7
L4975.0	0.0	0.0	27809.90039	389.27	0	48.848654	-86.932183	56363.58	56230.9	19.11	56382.69	56390.82422	56258.47709	56325.37109	504975.3	5410633.8
L4975.0	0.0	0.0	27810.00000	388.07	0	48.848654	-86.932183	56363.38	56230.9	19.11	56382.49	56390.37891	56252.36788	56318.76172	504975.3	5410633.8
L4975.0	0.0	0.0	27810.09961	389.64	0	48.848645	-86.932183	56363.66	56230.9	19.11	56382.77	56390.41016	56256.60192	56322.46094	504975.3	5410632.8
L4975.0	0.0	0.0	27810.19922	390.89	0	48.848634	-86.932183	56363.73	56230.9	19.11	56382.84	56390.22266	56255.11364	56320.40625	504975.3	5410631.6
L4975.0	0.0	0.0	27810.30078	391.49	0	48.848623	-86.932182	56363.64	56230.9	19.11	56382.74	56389.85547	56248.81337	56313.50781	504975.4	5410630.4
L4975.0	0.0	0.0	27810.40039	390.47	0	48.848616	-86.932182	56363.76	56230.9	19.11	56382.87	56389.71484	56246.98339	56311.05078	504975.4	5410629.6
L4975.0	0.0	0.0	27810.50000	390.42	0	48.848616	-86.932182	56363.76	56230.9	19.10	56382.86	56389.42578	56241.00104	56304.40234	504975.4	5410629.6
L4975.0	0.0	0.0	27810.59961	392.18	0	48.848605	-86.932181	56364.35	56230.9	19.10	56383.45	56389.73047	56248.05614	56310.76172	504975.4	5410628.4
L4975.0	0.0	0.0	27810.69922	392.97	0	48.848595	-86.932181	56364.27	56230.9	19.10	56383.38	56389.37109	56238.83132	56300.80469	504975.5	5410627.2
L4975.0	0.0	0.0	27810.80078	391.95	0	48.848595	-86.932181	56364.73	56230.9	19.10	56383.83	56389.51953	56240.74954	56301.96094	504975.5	5410627.2
L4975.0	0.0	0.0	27810.90039	390.31	0	48.848583	-86.932181	56364.96	56230.9	19.10	56384.06	56389.44531	56236.58693	56297.00391	504975.5	5410625.9
L4975.0	0.0	0.0	27811.00000	392.16	0	48.848573	-86.932180	56365.37	56230.9	19.10	56384.47	56389.53906	56235.62995	56295.21875	504975.5	5410624.8
L4975.0	0.0	0.0	27811.09961	391.03	0	48.848573	-86.932180	56365.57	56230.9	19.10	56384.68	56389.42969	56229.02780	56287.75391	504975.5	5410624.8
L4975.0	0.0	0.0	27811.19922	391.16	0	48.848562	-86.932179	56365.65	56230.9	19.10	56384.76	56389.18359	56218.39484	56276.22266	504975.6	5410623.6
L4975.0	0.0	0.0	27811.30078	390.67	0	48.848549	-86.932179	56366.32	56230.9	19.11	56385.42	56389.50781	56220.22889	56277.12891	504975.6	5410622.1
L4975.0	0.0	0.0	27811.40039	391.82	0	48.848549	-86.932179	56366.57	56230.9	19.11	56385.67	56389.41797	56211.49702	56267.43750	504975.6	5410622.1
L4975.0	0.0	0.0	27811.50000	389.42	0	48.848537	-86.932178	56367.26	56230.9	19.11	56386.37	56389.77344	56212.18709	56267.13672	504975.7	5410620.8
L4975.0	0.0	0.0	27811.59961	389.28	0	48.848528	-86.932178	56367.64	56230.9	19.11	56386.75	56389.80078	56204.38409	56258.30859	504975.7	5410619.8
L4975.0	0.0	0.0	27811.69922	389.28	0	48.848515	-86.932177	56368.36	56230.9	19.11	56387.47	56390.16016	56203.42722	56256.29297	504975.7	5410618.4
L4975.0	0.0	0.0	27811.80078	389.91	0	48.848515	-86.932177	56369.09	56230.9	19.12	56388.21	56390.53125	56201.86790	56253.64063	504975.7	5410618.4
L4975.0	0.0	0.0	27811.90039	390.29	0	48.848506	-86.932177	56369.66	56230.9	19.12	56388.78	56390.73047	56195.28173	56245.93359	504975.8	5410617.3
L4975.0	0.0	0.0	27812.00000	387.99	0	48.848492	-86.932176	56371.06	56230.9	19.12	56390.18	56391.75000	56206.91767	56256.41797	504975.8	5410615.8
L4975.0	0.0	0.0	27812.09961	387.95	0	48.848492	-86.932176	56372.01	56230.9	19.12	56391.12	56392.30469	56206.77435	56255.08984	504975.8	5410615.8
L4975.0	0.0	0.0	27812.19922	387.30	0	48.848482	-86.932176	56373.41	56230.9	19.11	56392.52	56393.31250	56216.24285	56263.34375	504975.9	5410614.7
L4975.0	0.0	0.0	27812.30078	388.81	0	48.848470	-86.932175	56374.20	56230.9	19.11	56393.30	56393.69531	56210.20761	56256.06250	504975.9	5410613.4
L4975.0	0.0	0.0	27812.40039	388.95	0	48.848460	-86.932175	56375.42	56230.9	19.10	56394.52	56394.51172	56213.31781	56257.89844	504975.9	5410612.3
L4975.0	0.0	0.0	27812.50000	390.04	0	48.848460	-86.932175	56376.04	56230.9	19.10	56395.13	56394.71484	56201.15811	56244.43359	504975.9	5410612.3
L4975.0	0.0	0.0	27812.59961	390.78	0	48.848447	-86.932175	56377.24	56230.9	19.09	56396.33	56395.50000	56201.63585	56243.57422	504976.0	5410610.8
L4975.0	0.0	0.0	27812.69922	389.84	0	48.848447	-86.932175	56378.36	56230.9	19.08	56397.44	56396.18750	56198.94233	56239.51953	504976.0	5410610.8
L4975.0	0.0	0.0	27812.80078	388.07	0	48.848437	-86.932174	56379.71	56230.9	19.08	56398.79	56397.11328	56200.75667	56239.94141	504976.0	5410609.7
L4975.0	0.0	0.0	27812.90039	387.55	0	48.848427	-86.932174	56381.42	56230.9	19.07	56400.50	56398.39063	56209.87604	56247.64063	504976.0	5410608.5
L4975.0	0.0	0.0	27813.00000	388.04	0	48.848418	-86.932174	56383.26	56230.9	19.07	56402.33	56399.78516	56220.72759	56257.04688	504976.0	5410607.6
L4975.0	0.0	0.0	27813.09961	386.87	0	48.848418	-86.932174	56384.99	56230.9	19.07	56404.06	56401.07813	56228.20493	56263.05469	504976.0	5410607.6
L4975.0	0.0	0.0	27813.19922	386.85	0	48.848406	-86.932174	56386.38	56230.9	19.07	56405.44	56402.01172	56226.50546	56259.85156	504976.0	5410606.3
L4975.0	0.0	0.0	27813.30078	388.13	0	48.848392	-86.932174	56387.95	56230.9	19.07	56407.02	56403.14063	56228.43113	56260.25391	504976.0	5410604.7
L4975.0	0.0	0.0	27813.40039	388.96	0	48.848392	-86.932174	56389.18	56230.9	19.07	56408.25	56403.91797	56221.20597	56251.48047	504976.0	5410604.7
L4975.0	0.0	0.0	27813.50000	388.88	0	48.848381	-86.932174	56391.04	56230.9	19.06	56410.10	56405.30859	56227.40142	56256.10547	504976.0	5410603.5
L4975.0	0.0	0.0	27813.59961	389.28	0	48.848368	-86.932174	56393.11	56230.9	19.06	56412.18	56406.92578	56237.96495	56265.07422	504976.0	5410602.0
L4975.0	0.0	0.0	27813.69922	389.28	0	48.848357	-86.932174	56395.69	56230.9	19.06	56414.75	56409.03125	56258.96049	56284.44922	504976.0	5410600.8
L4975.0	0.0	0.0	27813.80078	389.11	0	48.848357	-86.932174	56397.81	56230.9	19.06	56416.87	56410.67969	56268.54862	56292.39844	504976.0	5410600.8
L4975.0	0.0	0.0	27813.90039	389.00	0	48.848343	-86.932174	56399.26	56230.9	19.06	56418.32	56411.65625	56261.63417	56283.82422	504976.0	5410599.3
L4975.0	0.0	0.0	27814.00000	390.79	0	48.848335	-86.932174	56400.43	56230.9	19.06	56419.49	56412.35156	56247.30820	56267.82031	504976.0	5410598.3
L4975.0	0.0	0.0	27814.09961	391.75	0	48.848323	-86.932174	56402.32	56230.9	19.06	56421.38	56413.76172	56248.84805	56267.66016	504976.0	5410597.1
L4975.0	0.0	0.0	27814.19922	389.90	0	48.848323	-86.932174	56404.49	56230.9	19.06	56423.55	56415.44922	56256.04670	56273.13672	504976.0	5410597.1
L4975.0	0.0	0.0	27814.30078	387.67	0	48.848313	-86.932174	56406.94	56230.9	19.06	56426.00	56417.41406	56268.93019	56284.28516	504976.0	5410596.0
L4975.0	0.0	0.0	27814.40039	387.13	0	48.848302	-86.932175	56409.98	56230.9	19.06	56429.04	56419.96484	56294.73454	56308.33984	504976.0	5410594.7
L4975.0	0.0	0.0	27814.50000	373.36	0	48.848302	-86.932175	56412.51	56230.9	19.07	56431.57	56422.00781	56307.90899	56319.74609	504976.0	5410594.7
L4975.0	0.0	0.0	27814.59961	371.90	0	48.848288	-86.932175	56414.81	56230.9	19.07	56433.87	56423.81641	56314.99444	56325.04688	504976.0	5410593.1
L4975.0	0.0	0.0	27814.69922	388.06	0	48.848279	-86.932174	56416.97	56230.9	19.07	56436.04	56425.49219	56318.34727	56326.60156	504976.0	5410592.1
L4975.0	0.0	0.0	27814.80078	386.82	0	48.848279	-86.932174	56418.76	56230.9	19.07	56437.83	56426.78516	56312.18616	56318.63281	504976.0	5410592.1
L4975.0	0.0	0.0	27814.90039	387.41	0	48.848265	-86.932174	56420.62	56230.9	19.07	56439.69	56428.15234	56307.00866	56311.63672	504976.0	5410590.6
L4975.0	0.0	0.0	27815.00000	386.93	0	48.848253	-86.932174	56423.25	56230.9	19.07	56442.32	56430.28516	56319.12691	56321.92578	504976.0	5410589.2
L4975.0	0.0	0.0	27815.09961	387.86	0	48.848242	-86.932174	56426.70	56230.9	19.07	56445.77	56433.23828	56349.73903	56350.69531	504976.0	5410588.1
L4975.0	0.0	0.0	27815.19922	388.20	0	48.848231	-86.932174	56429.86	56230.9	19.07	56448.93	56435.89844	56373.06954	56372.17578	504976.0	5410586.8
L4975.0	0.0	0.0	27815.30078	388.86	0	48.848231	-86.932174	56432.90	56230.9	19.07	56451.96	56438.43359	56392.87647	56390.12500	504976.0	5410586.8
L4975.0	0.0	0.0	27815.40039	389.40	0	48.848220	-86.932174	56434.68	56230.9	19.07	56453.75	56439.72266	56383.38623	56378.77344	504976.0	5410585.6
L4975.0	0.0	0.0	27815.50000	391.52	0	48.848209	-86.932174	56437.62	56230.9	19.06	56456.69	56442.16797	56400.21489	56393.73438	504976.0	5410584.4
L4975.0	0.0	0.0	27815.59961	393.68	0	48.848195	-86.932174	56439.00	56230.9	19.06	56458.06	56443.03906	56380.15169	56371.79688	504976.0	5410582.8
L4975.0	0.0	0.0	27815.59961	393.68	0	48.848195	-86.932174	56442.29	56230.9	19.06	56461.35	56445.83594	56404.39362	56394.16406	504976.0	5410582.8
L4975.0	0.0	0.0	27815.80078	394.46	0	48.848183	-86.932174	56445.02	56230.9	19.06	56464.08	56448.07031	56415.31232	56403.20313	504976.0	5410581.4
L4975.0	0.0	0.0	27815.90039	375.14	0	48.848170	-86.932174	56447.86	56230.9	19.06	56466.92	56450.41797	56428.53001	56414.54297	504976.0	5410580.0
L4975.0	0.0	0.0	27816.00000	374.00	0	48.848170	-86.932174	56451.02	56230.9	19.06	56470.08	56453.08594	56448.97268	56433.10938	504976.0	5410580.0
L4975.0	0.0	0.0	27816.09961	389.89	0	48.848158	-86.932174	56453.52	56230.9	19.06	56472.58	56455.09766	56453.89466	56436.15625	504976.1	5410578.7
L4975.0	0.0	0.0	27816.19922	390.36	0	48.848143	-86.932173	56456.91	56230.9	19.06	56475.97	56458.00000	56479.38323	56459.76953	504976.1	5410577.0
L4975.0	0.0	0.0	27816.30078	389.73	0	48.848143	-86.932173	56458.95	56230.9	19.06	56478.02	56459.56641	56473.62619	56452.14453	504976.1	5410577.0
L4975.0	0.0	0.0	27816.40039	389.56	0	48.848132	-86.932173	56462.61	56230.9	19.06	56481.67	56462.73438	56505.03455	56481.69141	504976.1	5410575.8
L4975.0	0.0	0.0	27816.50000	387.94	0	48.848119	-86.932173	56464.59	56230.9	19.07	56483.66	56464.24609	56497.84517	56472.64453	504976.1	5410574.3
L4975.0	0.0	0.0	27816.59961	389.28	0	48.848119	-86.932173	56468.27	56230.9	19.07	56487.33	56467.44141	56529.77116	56502.71875	504976.1	5410574.3
L4975.0	0.0	0.0	27816.69922	390.89	0	48.848105	-86.932173	56471.08	56230.9	19.07	56490.14	56469.78125	56541.79262	56512.89844	504976.1	5410572.8
L4975.0	0.0	0.0	27816.80078	391.96	0	48.848091	-86.932173	56473.73	56230.9	19.07	56492.79	56471.96484	56550.23249	56519.50781	504976.1	5410571.2
L4975.0	0.0	0.0	27816.90039	392.11	0	48.848091	-86.932173	56476.18	56230.9	19.07	56495.25	56473.96094	56554.43837	56521.89453	504976.1	5410571.2
L4975.0	0.0	0.0	27817.00000	391.88	0	48.848080	-86.932173	56478.53	56230.9	19.07	56497.60	56475.85547	56556.31579	56521.96484	504976.1	5410570.0
L4975.0	0.0	0.0	27817.09961	391.41	0	48.848063	-86.932172	56482.31	56230.9	19.07	56501.38	56479.18359	56591.72089	56555.57422	504976.1	5410568.2
L4975.0	0.0	0.0	27817.19922	392.05	0	48.848063	-86.932172	56484.75	56230.9	19.08	56503.83	56481.18359	56596.51773	56558.59375	504976.1	5410568.2
L4975.0	0.0	0.0	27817.30078	393.02	0	48.848052	-86.932172	56487.95	56230.9	19.08	56507.02	56483.93359	56618.88667	56579.19531	504976.2	5410566.9
L4975.0	0.0	0.0	27817.40039	391.65	0	48.848040	-86.932172	56489.78	56230.9	19.08	56508.86	56485.33594	56610.27136	56568.83594	504976.2	5410565.6
L4975.0	0.0	0.0	27817.50000	391.50	0	48.848027	-86.932171	56492.92	56230.9	19.08	56512.01	56488.05469	56632.57136	56589.40625	504976.3	5410564.1
L4975.0	0.0	0.0	27817.59961	389.81	0	48.848027	-86.932171	56495.14	56230.9	19.09	56514.23	56489.85156	56633.74145	56588.86719	504976.3	5410564.1
L4975.0	0.0	0.0	27817.69922	389.81	0	48.848014	-86.932171	56498.28	56230.9	19.09	56517.37	56492.57422	56656.84458	56610.28125	504976.3	5410562.7

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4975.0	0.0	0.0	27817.80078	389.35	0	48.848000	-86.932170	56501.14	56230.9	19.09	56520.24	56495.03516	56674.25116	56626.01953	504976.3	5410561.1
L4975.0	0.0	0.0	27817.90039	389.44	0	48.848000	-86.932170	56504.10	56230.9	19.10	56523.20	56497.58984	56694.37462	56644.50000	504976.3	5410561.1
L4975.0	0.0	0.0	27818.00000	391.02	0	48.847988	-86.932170	56507.08	56230.9	19.10	56526.18	56500.17578	56715.62851	56664.13281	504976.3	5410559.8
L4975.0	0.0	0.0	27818.09961	391.76	0	48.847977	-86.932170	56509.13	56230.9	19.10	56528.23	56501.83594	56715.96220	56662.86719	504976.3	5410558.5
L4975.0	0.0	0.0	27818.19922	389.34	0	48.847966	-86.932170	56511.70	56230.9	19.10	56530.80	56504.02734	56729.13376	56674.46875	504976.3	5410557.4
L4975.0	0.0	0.0	27818.30078	388.36	0	48.847955	-86.932170	56514.06	56230.9	19.10	56533.15	56506.00391	56737.97426	56681.76563	504976.3	5410556.1
L4975.0	0.0	0.0	27818.40039	387.94	0	48.847955	-86.932170	56516.66	56230.9	19.10	56535.76	56508.25000	56753.68373	56695.95703	504976.3	5410556.1
L4975.0	0.0	0.0	27818.50000	386.25	0	48.847941	-86.932170	56519.08	56230.9	19.10	56538.18	56510.31641	56765.83507	56706.62500	504976.3	5410554.5
L4975.0	0.0	0.0	27818.59961	387.83	0	48.847928	-86.932170	56520.66	56230.9	19.10	56539.76	56511.55078	56759.34941	56698.67969	504976.3	5410553.1
L4975.0	0.0	0.0	27818.69922	388.81	0	48.847928	-86.932170	56522.47	56230.9	19.10	56541.57	56513.02344	56759.14362	56697.04688	504976.3	5410553.1
L4975.0	0.0	0.0	27818.80078	390.14	0	48.847917	-86.932170	56524.39	56230.9	19.10	56543.49	56514.61719	56762.46131	56698.97266	504976.3	5410551.8
L4975.0	0.0	0.0	27818.90039	390.63	0	48.847917	-86.932170	56526.94	56230.9	19.10	56546.04	56516.85156	56781.42747	56716.57813	504976.3	5410551.8
L4975.0	0.0	0.0	27819.00000	391.45	0	48.847899	-86.932171	56528.47	56230.9	19.10	56547.57	56518.07422	56777.70488	56711.52734	504976.3	5410549.9
L4975.0	0.0	0.0	27819.09961	390.47	0	48.847890	-86.932171	56530.92	56230.9	19.10	56550.02	56520.22656	56796.43675	56728.96484	504976.3	5410548.8
L4975.0	0.0	0.0	27819.19922	392.29	0	48.847878	-86.932171	56533.04	56230.9	19.10	56552.14	56522.05859	56808.58497	56739.85547	504976.3	5410547.6
L4975.0	0.0	0.0	27819.30078	392.71	0	48.847869	-86.932171	56534.95	56230.9	19.10	56554.05	56523.69141	56816.96807	56747.01953	504976.3	5410546.5
L4975.0	0.0	0.0	27819.40039	389.55	0	48.847869	-86.932171	56536.59	56230.9	19.10	56555.69	56525.06641	56820.21753	56749.08594	504976.3	5410546.5
L4975.0	0.0	0.0	27819.50000	389.92	0	48.847853	-86.932171	56538.17	56230.9	19.10	56557.27	56526.39453	56823.24207	56750.96484	504976.3	5410544.8
L4975.0	0.0	0.0	27819.59961	391.21	0	48.847839	-86.932171	56540.01	56230.9	19.10	56559.11	56527.99219	56833.50696	56760.12500	504976.3	5410543.2
L4975.0	0.0	0.0	27819.69922	391.21	0	48.847839	-86.932171	56541.28	56230.9	19.10	56560.38	56529.02734	56831.73405	56757.28516	504976.3	5410543.2
L4975.0	0.0	0.0	27819.80078	388.84	0	48.847822	-86.932171	56542.89	56230.9	19.10	56561.99	56530.41797	56839.10563	56763.62891	504976.3	5410541.3
L4975.0	0.0	0.0	27819.90039	390.20	0	48.847822	-86.932171	56543.86	56230.9	19.10	56562.96	56531.17969	56832.85259	56756.39063	504976.3	5410541.3
L4975.0	0.0	0.0	27820.00000	389.76	0	48.847806	-86.932171	56545.49	56230.9	19.10	56564.59	56532.61328	56843.22336	56765.81641	504976.3	5410539.6
L4975.0	0.0	0.0	27820.09961	389.34	0	48.847798	-86.932171	56546.62	56230.9	19.10	56565.72	56533.55859	56843.26020	56764.95313	504976.3	5410538.6
L4975.0	0.0	0.0	27820.19922	389.12	0	48.847798	-86.932171	56547.95	56230.9	19.11	56567.05	56534.71875	56849.25623	56770.08984	504976.3	5410538.6
L4975.0	0.0	0.0	27820.30078	389.49	0	48.847786	-86.932171	56549.37	56230.9	19.11	56568.48	56535.98828	56858.89992	56778.91797	504976.3	5410537.3
L4975.0	0.0	0.0	27820.40039	388.75	0	48.847771	-86.932171	56550.70	56230.9	19.11	56569.82	56537.17969	56867.78538	56787.03125	504976.3	5410535.6
L4975.0	0.0	0.0	27820.50000	388.29	0	48.847771	-86.932171	56551.72	56230.9	19.11	56570.83	56538.05469	56870.34254	56788.85938	504976.3	5410535.6
L4975.0	0.0	0.0	27820.59961	389.80	0	48.847755	-86.932171	56552.07	56230.9	19.12	56571.19	56538.29297	56859.13948	56776.97656	504976.3	5410533.8
L4975.0	0.0	0.0	27820.69922	392.10	0	48.847741	-86.932171	56553.18	56230.9	19.12	56572.30	56539.29688	56866.73961	56783.94141	504976.3	5410532.3
L4975.0	0.0	0.0	27820.80078	390.20	0	48.847729	-86.932172	56553.38	56230.9	19.12	56572.50	56539.39844	56854.54774	56771.15625	504976.2	5410531.0
L4975.0	0.0	0.0	27820.90039	389.85	0	48.847729	-86.932172	56554.56	56230.9	19.13	56573.68	56540.49609	56866.51870	56782.58203	504976.2	5410531.0
L4975.0	0.0	0.0	27821.00000	391.61	0	48.847717	-86.932172	56555.22	56230.9	19.13	56574.35	56541.09766	56868.00752	56783.57422	504976.2	5410529.6
L4975.0	0.0	0.0	27821.09961	391.43	0	48.847703	-86.932172	56555.58	56230.9	19.13	56574.71	56541.40234	56863.66692	56778.78125	504976.2	5410528.1
L4975.0	0.0	0.0	27821.19922	389.31	0	48.847703	-86.932172	56555.21	56230.9	19.13	56574.35	56541.00000	56843.96325	56758.67578	504976.2	5410528.1
L4975.0	0.0	0.0	27821.30078	389.28	0	48.847690	-86.932173	56554.96	56230.9	19.13	56574.09	56540.71094	56827.96379	56742.32031	504976.2	5410526.6
L4975.0	0.0	0.0	27821.40039	389.64	0	48.847677	-86.932173	56555.86	56230.9	19.13	56574.99	56541.59375	56840.31535	56754.35938	504976.1	5410525.2
L4975.0	0.0	0.0	27821.50000	389.90	0	48.847677	-86.932173	56556.08	56230.9	19.13	56575.22	56541.82422	56838.45943	56752.24219	504976.1	5410525.2
L4975.0	0.0	0.0	27821.59961	388.05	0	48.847660	-86.932173	56557.36	56230.9	19.14	56576.49	56543.10547	56862.15513	56775.72266	504976.1	5410523.3
L4975.0	0.0	0.0	27821.69922	388.05	0	48.847660	-86.932173	56557.44	56230.9	19.14	56576.57	56543.20703	56859.53965	56772.94141	504976.1	5410523.3
L4975.0	0.0	0.0	27821.80078	388.27	0	48.847644	-86.932174	56557.74	56230.9	19.14	56576.88	56543.55859	56863.62578	56776.91016	504976.1	5410521.6
L4975.0	0.0	0.0	27821.90039	387.46	0	48.847632	-86.932174	56557.08	56230.9	19.14	56576.22	56542.94922	56846.49969	56759.71484	504976.1	5410520.2
L4975.0	0.0	0.0	27822.00000	388.22	0	48.847632	-86.932174	56557.11	56230.9	19.14	56576.25	56543.04688	56846.75253	56759.94531	504976.1	5410520.2
L4975.0	0.0	0.0	27822.09961	391.27	0	48.847620	-86.932174	56556.60	56230.9	19.14	56575.74	56542.61719	56835.77038	56748.98828	504976.1	5410518.9
L4975.0	0.0	0.0	27822.19922	392.06	0	48.847607	-86.932174	56556.44	56230.9	19.14	56575.58	56542.55078	56834.23646	56747.52734	504976.1	5410517.4
L4975.0	0.0	0.0	27822.30078	392.01	0	48.847593	-86.932174	56555.86	56230.9	19.14	56575.00	56542.07813	56824.23128	56737.64453	504976.1	5410515.8
L4975.0	0.0	0.0	27822.40039	390.38	0	48.847581	-86.932174	56555.55	56230.9	19.14	56574.70	56541.89844	56822.01754	56735.59766	504976.1	5410514.5
L4975.0	0.0	0.0	27822.50000	389.59	0	48.847581	-86.932174	56555.35	56230.9	19.14	56574.49	56541.82031	56823.16085	56736.95703	504976.1	5410514.5
L4975.0	0.0	0.0	27822.59961	391.05	0	48.847563	-86.932174	56555.75	56230.9	19.15	56574.90	56542.37891	56839.96862	56754.02734	504976.1	5410512.6
L4975.0	0.0	0.0	27822.69922	388.40	0	48.847563	-86.932174	56554.91	56230.9	19.15	56574.06	56541.69922	56828.93781	56743.30859	504976.1	5410512.6
L4975.0	0.0	0.0	27822.80078	391.06	0	48.847548	-86.932174	56554.50	56230.9	19.15	56573.65	56541.46484	56829.11591	56743.84766	504976.1	5410510.9
L4975.0	0.0	0.0	27822.90039	390.66	0	48.847537	-86.932174	56553.43	56230.9	19.15	56572.57	56540.57422	56814.90353	56730.03516	504976.1	5410509.6
L4975.0	0.0	0.0	27823.00000	389.12	0	48.847537	-86.932174	56553.36	56230.8	19.15	56572.51	56540.71484	56825.57894	56741.16016	504976.1	5410509.6
L4975.0	0.0	0.0	27823.09961	387.84	0	48.847525	-86.932174	56552.52	56230.8	19.15	56571.67	56540.08984	56819.26330	56735.33984	504976.1	5410508.3
L4975.0	0.0	0.0	27823.19922	387.61	0	48.847515	-86.932174	56551.69	56230.8	19.15	56570.84	56539.48828	56814.30473	56730.92578	504976.1	5410507.2
L4975.0	0.0	0.0	27823.30078	387.84	0	48.847500	-86.932174	56551.06	56230.8	19.15	56570.21	56539.10156	56815.09824	56732.30469	504976.1	5410505.6
L4975.0	0.0	0.0	27823.40039	387.99	0	48.847500	-86.932174	56549.25	56230.8	19.15	56568.40	56537.54297	56789.52947	56707.36719	504976.1	5410505.6
L4975.0	0.0	0.0	27823.50000	387.75	0	48.847485	-86.932174	56546.82	56230.8	19.15	56565.97	56535.37891	56750.59608	56669.10547	504976.1	5410503.8
L4975.0	0.0	0.0	27823.59961	387.77	0	48.847471	-86.932174	56544.50	56230.8	19.16	56563.66	56533.35156	56715.48085	56634.70703	504976.1	5410502.3
L4975.0	0.0	0.0	27823.69922	387.77	0	48.847461	-86.932174	56543.56	56230.8	19.16	56562.71	56532.69141	56712.99300	56632.98438	504976.1	5410501.2
L4975.0	0.0	0.0	27823.80078	388.07	0	48.847449	-86.932174	56543.15	56230.8	19.16	56562.31	56532.59766	56724.27064	56645.06641	504976.1	5410499.9
L4975.0	0.0	0.0	27823.90039	389.34	0	48.847436	-86.932175	56542.94	56230.8	19.16	56562.10	56532.70313	56740.91574	56662.55469	504976.0	5410498.4
L4975.0	0.0	0.0	27824.00000	389.59	0	48.847436	-86.932175	56542.28	56230.8	19.16	56561.44	56532.37109	56748.01875	56670.54297	504976.0	5410498.4
L4975.0	0.0	0.0	27824.09961	388.98	0	48.847422	-86.932176	56541.18	56230.8	19.16	56560.35	56531.62500	56746.01739	56669.46875	504976.0	5410496.8
L4975.0	0.0	0.0	27824.19922	389.77	0	48.847422	-86.932176	56540.11	56230.8	19.17	56559.28	56530.90625	56745.34825	56669.76563	504976.0	5410496.8
L4975.0	0.0	0.0	27824.30078	390.77	0	48.847405	-86.932176	56538.42	56230.8	19.17	56557.59	56529.58203	56731.10086	56656.52734	504975.9	5410495.0
L4975.0	0.0	0.0	27824.40039	389.29	0	48.847405	-86.932176	56535.98	56230.8	19.17	56555.15	56527.51563	56700.22407	56626.69531	504975.9	5410495.0
L4975.0	0.0	0.0	27824.50000	389.55	0	48.847392	-86.932177	56534.60	56230.8	19.18	56553.77	56526.52344	56694.77918	56622.32813	504975.9	5410493.5
L4975.0	0.0	0.0	27824.59961	390.57	0	48.847378	-86.932177	56532.93	56230.8	19.18	56552.11	56525.26172	56683.57747	56612.24609	504975.9	5410492.0
L4975.0	0.0	0.0	27824.69922	389.92	0	48.847366	-86.932178	56531.61	56230.8	19.18	56550.79	56524.35156	56681.00784	56610.83594	504975.8	5410490.6
L4975.0	0.0	0.0	27824.80078	387.92	0	48.847366	-86.932178	56529.95	56230.8	19.18	56549.14	56523.12109	56671.46159	56602.48047	504975.8	5410490.6
L4975.0	0.0	0.0	27824.90039	391.01	0	48.847352	-86.932178	56528.90	56230.8	19.19	56548.09	56522.50000	56676.53630	56608.78125	504975.8	5410489.1
L4975.0	0.0	0.0	27825.00000	390.66	0	48.847339	-86.932179	56527.47	56230.8	19.19	56546.66	56521.51172	56673.41457	56606.91406	504975.7	5410487.7
L4975.0	0.0	0.0	27825.09961	390.55	0	48.847339	-86.932179	56525.36	56230.8	19.19	56544.55	56519.85156	56655.09178	56589.88672	504975.7	5410487.7
L4975.0	0.0	0.0	27825.19922	390.68	0	48.847330	-86.932179	56523.68	56230.8	19.19	56542.86	56518.62109	56647.11891	56583.23828	504975.7	5410486.7
L4975.0	0.0	0.0	27825.30078	390.67	0	48.847315	-86.932179	56521.66	56230.8	19.19	56540.85	56517.08203	56632.25989	56569.73828	504975.7	5410485.0
L4975.0	0.0	0.0	27825.40039	393.08	0	48.847302	-86.932179	56520.48	56230.8	19.19	56539.67	56516.37891	56637.22874	56576.08984	504975.8	5410483.5
L4975.0	0.0	0.0	27825.50000	391.46	0	48.847302	-86.932179	56519.08	56230.8	19.19	56538.26	56515.45703	56637.34852	56577.62109	504975.8	5410483.5
L4975.0	0.0	0.0	27825.59961	391.35	0	48.847288	-86.932178	56518.54	56230.8	19.18	56537.73	56515.42578	56658.40361	56600.12109	504975.8	5410481.9
L4975.0	0.0	0.0	27825.59961	391.35	0	48.847277	-86.932178	56516.78	56230.8	19.18	56535.97	56514.17188	56651.30095	56594.49219	504975.8	5410480.7
L4975.0	0.0	0.0	27825.80078	392.65	0	48.847262	-86.932177	56514.92	56230.8	19.18	56534.10	56512.81641	56642.05807	56586.74609	504975.9	5410479.1
L4975.0	0.0	0.0	27825.90039	391.93	0	48.847262	-86.932177	56512.70	56230.8	19.18	56531.88	56511.11719	56625.06745	56571.27734	504975.9	5410479.1
L4975.0	0.0	0.0	27826.00000	392.59	0	48.847246	-86.932177	56510.89	56230.8	19.18	56530.07	56509.83594	56617.97594	56565.73438	504975.9	5410477.3
L4975.0	0.0	0.0	27826.09961	393.00	0	48.847235	-86.932176	56508.49	56230.8	19.18	56527.67	56507.97266	56597.50379	56546.83203	504975.9	5410476.0
L4975.0	0.0	0.0	27826.19922	392.90	0	48.847235	-86.932176	56506.27	56230.8	19.19	56525.46	56506.30859	56581.76373	56532.68750	504975.9	5410476.0
L4975.0	0.0	0.0	27826.30078	391.50	0	48.847223	-86.932176	56504.54	56230.8	19.19	56523.73	56505.12891	56577.47451	56530.01563	504976.0	5410474.7
L4975.0	0.0	0.0	27826.40039	391.54	0	48.847208	-86.932176	56503.34	56230.8	19.20	56522.54	56504.49609	56586.00692	56540.17969	504976.0	5410473.1
L4975.0	0.0	0.0	27826.50000	392.39	0	48.847208	-86.932176	56502.39	56230.8	19.21	56521.59	56504.11328	56600.36083	56556.18750	504976.0	5410473.1
L4975.0	0.0	0.0	27826.59961	390.00	0	48.847197	-86.932176	56500.42	56230.8	19.21	56519.63	56502.72266	56591.44537	56548.94531	504976.0	5410471.8
L4975.0	0.0	0.0	27826.69922	389.34	0	48.847185	-86.932176	56498.43	56230.8	19.22	56517.65	56501.32031	56582.25904	56541.45313	504976.0	5410470.5
L4975.0	0.0	0.0	27826.80078	389.27	0	48.847185	-86.932176	56495.86	56230.8	19.22	56515.08	56499.33203	56559.52470	56520.42578	504976.0	5410470.5
L4975.0	0.0	0.0	27826.90039	388.45	0	48.847170	-86.932176	56493.84	56230.8	19.23	56513.07	56497.91016	56549.96257	56512.58594	504976.0	5410468.8
L4975.0	0.0	0.0	27827.00000	388.24	0	48.847155	-86.932176	56492.90	56230.8	19.23	56512.13	56497.56250	56565.41090	56529.76953	504976.0	5410467.2

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4975.0	0.0	0.0	27827.09961	388.79	0	48.847155	-86.932176	56491.26	56230.8	19.23	56510.49	56496.51953	56564.68953	56530.79688	504976.0	5410467.2
L4975.0	0.0	0.0	27827.19922	387.65	0	48.847142	-86.932176	56489.84	56230.8	19.23	56509.07	56495.69922	56569.17200	56537.04297	504976.0	5410465.7
L4975.0	0.0	0.0	27827.30078	388.16	0	48.847132	-86.932177	56487.33	56230.8	19.23	56506.56	56493.79297	56548.37613	56518.02344	504975.9	5410464.6
L4975.0	0.0	0.0	27827.40039	387.97	0	48.847120	-86.932177	56486.21	56230.8	19.23	56505.44	56493.28516	56559.95280	56531.38281	504975.9	5410463.3
L4975.0	0.0	0.0	27827.50000	388.55	0	48.847120	-86.932177	56483.61	56230.8	19.23	56502.84	56491.29688	56537.14491	56510.36328	504975.9	5410463.3
L4975.0	0.0	0.0	27827.59961	389.81	0	48.847104	-86.932177	56482.38	56230.8	19.23	56501.61	56490.67969	56546.20850	56521.23047	504975.9	5410461.5
L4975.0	0.0	0.0	27827.69922	389.81	0	48.847092	-86.932177	56479.73	56230.8	19.23	56498.96	56488.64844	56522.24801	56499.07813	504975.9	5410460.2
L4975.0	0.0	0.0	27827.80078	390.55	0	48.847080	-86.932177	56477.96	56230.8	19.23	56497.20	56487.51172	56518.96358	56497.60938	504975.9	5410458.9
L4975.0	0.0	0.0	27827.90039	390.17	0	48.847080	-86.932177	56476.38	56230.8	19.23	56495.61	56486.54297	56519.59653	56500.06250	504975.9	5410458.9
L4975.0	0.0	0.0	27828.00000	391.24	0	48.847068	-86.932178	56474.83	56230.8	19.23	56494.06	56485.62109	56521.10864	56503.39453	504975.9	5410457.5
L4975.0	0.0	0.0	27828.09961	392.26	0	48.847054	-86.932178	56472.84	56230.8	19.23	56492.07	56484.25781	56512.32338	56496.43750	504975.9	5410455.9
L4975.0	0.0	0.0	27828.19922	393.07	0	48.847054	-86.932178	56470.56	56230.8	19.24	56489.80	56482.61719	56496.94738	56482.89063	504975.9	5410455.9
L4975.0	0.0	0.0	27828.30078	395.36	0	48.847040	-86.932178	56469.24	56230.8	19.24	56488.48	56481.92578	56503.56960	56491.34375	504975.9	5410454.3
L4975.0	0.0	0.0	27828.40039	394.11	0	48.847025	-86.932177	56467.04	56230.8	19.25	56486.29	56480.36328	56489.85506	56479.45703	504975.9	5410452.7
L4975.0	0.0	0.0	27828.50000	393.50	0	48.847013	-86.932177	56466.20	56230.8	19.25	56485.45	56480.15625	56507.41532	56498.84766	504975.9	5410451.4
L4975.0	0.0	0.0	27828.59961	392.41	0	48.847013	-86.932177	56464.64	56230.7	19.25	56483.90	56479.23828	56508.33564	56501.59375	504975.9	5410451.4
L4975.0	0.0	0.0	27828.69922	392.26	0	48.846999	-86.932177	56463.39	56230.7	19.26	56482.65	56478.61719	56516.09147	56511.17578	504975.9	5410449.9
L4975.0	0.0	0.0	27828.80078	393.30	0	48.846987	-86.932177	56461.10	56230.7	19.26	56480.36	56476.95703	56499.51206	56496.41797	504975.9	5410448.5
L4975.0	0.0	0.0	27828.90039	394.41	0	48.846987	-86.932177	56459.00	56230.7	19.27	56478.27	56475.50000	56487.42242	56486.14453	504975.9	5410448.5
L4975.0	0.0	0.0	27829.00000	392.99	0	48.846971	-86.932177	56457.45	56230.7	19.27	56476.71	56474.56641	56487.48701	56488.01953	504975.9	5410446.7
L4975.0	0.0	0.0	27829.09961	392.30	0	48.846960	-86.932177	56455.84	56230.7	19.27	56475.11	56473.59375	56486.44229	56488.78125	504975.9	5410445.5
L4975.0	0.0	0.0	27829.19922	392.27	0	48.846960	-86.932177	56454.56	56230.7	19.28	56473.84	56472.94922	56492.88396	56497.02344	504975.9	5410445.5
L4975.0	0.0	0.0	27829.30078	392.60	0	48.846946	-86.932177	56452.70	56230.7	19.28	56471.98	56471.71484	56485.41066	56491.33984	504976.0	5410443.9
L4975.0	0.0	0.0	27829.40039	392.78	0	48.846933	-86.932176	56451.61	56230.7	19.28	56470.89	56471.24609	56495.64053	56503.35156	504976.0	5410442.4
L4975.0	0.0	0.0	27829.50000	390.40	0	48.846919	-86.932176	56449.28	56230.7	19.29	56468.56	56469.53906	56476.82642	56486.30859	504976.0	5410440.9
L4975.0	0.0	0.0	27829.59961	392.35	0	48.846919	-86.932176	56448.06	56230.7	19.29	56467.35	56468.94531	56483.84140	56495.08594	504976.0	5410440.9
L4975.0	0.0	0.0	27829.59961	392.35	0	48.846908	-86.932176	56446.14	56230.7	19.29	56465.43	56467.64063	56474.12500	56487.12109	504976.0	5410439.7
L4975.0	0.0	0.0	27829.80078	389.31	0	48.846894	-86.932176	56444.66	56230.7	19.29	56463.96	56466.78125	56474.64650	56489.38281	504976.0	5410438.1
L4975.0	0.0	0.0	27829.90039	388.08	0	48.846894	-86.932176	56442.72	56230.7	19.30	56462.02	56465.44922	56464.00742	56480.46484	504976.0	5410438.1
L4975.0	0.0	0.0	27830.00000	389.86	0	48.846878	-86.932177	56441.75	56230.7	19.30	56461.05	56465.08594	56475.68902	56493.85938	504976.0	5410436.3
L4975.0	0.0	0.0	27830.09961	389.47	0	48.846867	-86.932177	56440.58	56230.7	19.30	56459.88	56464.51563	56482.48021	56502.34766	504975.9	5410435.2
L4975.0	0.0	0.0	27830.19922	388.46	0	48.846853	-86.932177	56438.28	56230.7	19.30	56457.59	56462.82031	56462.98378	56484.53906	504975.9	5410433.6
L4975.0	0.0	0.0	27830.30078	388.05	0	48.846853	-86.932177	56436.75	56230.7	19.31	56456.06	56461.88281	56460.91395	56484.13672	504975.9	5410433.6
L4975.0	0.0	0.0	27830.40039	388.55	0	48.846841	-86.932177	56435.63	56230.7	19.31	56454.94	56461.35156	56468.12904	56493.00000	504975.9	5410432.3
L4975.0	0.0	0.0	27830.50000	390.79	0	48.846841	-86.932177	56434.91	56230.7	19.31	56454.22	56461.21484	56484.39409	56510.89844	504975.9	5410432.3
L4975.0	0.0	0.0	27830.59961	391.02	0	48.846823	-86.932178	56433.13	56230.7	19.31	56452.44	56460.01172	56475.75625	56503.87891	504975.9	5410430.3
L4975.0	0.0	0.0	27830.69922	391.17	0	48.846814	-86.932178	56431.82	56230.7	19.31	56451.14	56459.28516	56478.02485	56507.75000	504975.9	5410429.2
L4975.0	0.0	0.0	27830.80078	389.85	0	48.846814	-86.932178	56429.38	56230.7	19.32	56448.69	56457.40234	56453.29457	56484.59766	504975.9	5410429.2
L4975.0	0.0	0.0	27830.90039	389.79	0	48.846800	-86.932178	56428.15	56230.7	19.32	56447.47	56456.74609	56456.90869	56489.77344	504975.8	5410427.7
L4975.0	0.0	0.0	27831.00000	390.20	0	48.846788	-86.932178	56426.34	56230.7	19.32	56445.66	56455.48828	56446.54424	56480.94922	504975.8	5410426.4
L4975.0	0.0	0.0	27831.09961	390.09	0	48.846775	-86.932179	56424.70	56230.7	19.32	56444.03	56454.41016	56440.10626	56476.03125	504975.8	5410424.9
L4975.0	0.0	0.0	27831.19922	389.50	0	48.846775	-86.932179	56423.50	56230.7	19.33	56442.83	56453.75391	56443.40801	56480.83203	504975.8	5410424.9
L4975.0	0.0	0.0	27831.30078	389.18	0	48.846758	-86.932179	56422.76	56230.7	19.33	56442.09	56453.55078	56457.14713	56496.05078	504975.8	5410423.1
L4975.0	0.0	0.0	27831.40039	390.15	0	48.846744	-86.932179	56421.59	56230.7	19.33	56440.93	56452.92188	56460.86045	56501.21875	504975.8	5410421.5
L4975.0	0.0	0.0	27831.50000	389.80	0	48.846744	-86.932179	56419.45	56230.7	19.33	56438.78	56451.29297	56441.29375	56483.08594	504975.8	5410421.5
L4975.0	0.0	0.0	27831.59961	390.22	0	48.846726	-86.932179	56417.20	56230.7	19.34	56436.54	56449.57031	56419.37634	56462.57813	504975.8	5410419.4
L4975.0	0.0	0.0	27831.69922	390.22	0	48.846712	-86.932180	56415.62	56230.7	19.34	56434.96	56448.50000	56412.54964	56457.14063	504975.7	5410417.9
L4975.0	0.0	0.0	27831.80078	390.31	0	48.846712	-86.932180	56414.68	56230.7	19.34	56434.02	56448.06250	56420.34977	56466.30469	504975.7	5410417.9
L4975.0	0.0	0.0	27831.90039	389.98	0	48.846701	-86.932180	56414.12	56230.7	19.35	56433.46	56448.00000	56436.73206	56484.02734	504975.7	5410416.7
L4975.0	0.0	0.0	27832.00000	390.74	0	48.846684	-86.932181	56413.14	56230.7	19.35	56432.49	56447.51563	56443.32746	56491.93359	504975.7	5410414.8
L4975.0	0.0	0.0	27832.09961	390.01	0	48.846684	-86.932181	56411.51	56230.6	19.35	56430.86	56446.36719	56434.32421	56484.22266	504975.7	5410414.8
L4975.0	0.0	0.0	27832.19922	391.66	0	48.846668	-86.932182	56410.03	56230.6	19.35	56429.38	56445.35938	56428.55992	56479.72266	504975.6	5410413.0
L4975.0	0.0	0.0	27832.30078	391.12	0	48.846658	-86.932182	56408.73	56230.6	19.35	56428.08	56444.52344	56426.73425	56479.13672	504975.6	5410411.9
L4975.0	0.0	0.0	27832.40039	391.47	0	48.846650	-86.932182	56407.04	56230.6	19.35	56426.40	56443.29688	56415.82718	56469.44141	504975.6	5410411.1
L4975.0	0.0	0.0	27832.50000	391.90	0	48.846650	-86.932182	56405.70	56230.6	19.36	56425.05	56442.39453	56412.35136	56467.15234	504975.6	5410411.1
L4975.0	0.0	0.0	27832.59961	389.87	0	48.846635	-86.932183	56404.39	56230.6	19.36	56423.75	56441.53516	56409.79813	56465.76172	504975.5	5410409.3
L4975.0	0.0	0.0	27832.69922	388.78	0	48.846625	-86.932184	56403.60	56230.6	19.36	56422.95	56441.16797	56418.63436	56475.73438	504975.5	5410408.2
L4975.0	0.0	0.0	27832.80078	389.23	0	48.846625	-86.932184	56402.17	56230.6	19.36	56421.53	56440.16797	56412.81832	56471.02344	504975.5	5410408.2
L4975.0	0.0	0.0	27832.90039	388.73	0	48.846612	-86.932184	56401.33	56230.6	19.36	56420.69	56439.74219	56420.25754	56479.54297	504975.4	5410406.9
L4975.0	0.0	0.0	27833.00000	389.82	0	48.846600	-86.932185	56399.46	56230.6	19.36	56418.82	56438.27734	56403.51606	56463.85156	504975.4	5410405.5
L4975.0	0.0	0.0	27833.09961	388.84	0	48.846600	-86.932185	56397.96	56230.6	19.37	56417.32	56437.17578	56395.15239	56456.51563	504975.4	5410405.5
L4975.0	0.0	0.0	27833.19922	389.89	0	48.846582	-86.932186	56396.20	56230.6	19.37	56415.57	56435.81250	56380.75213	56443.11328	504975.3	5410403.5
L4975.0	0.0	0.0	27833.30078	388.54	0	48.846568	-86.932186	56395.66	56230.6	19.38	56415.04	56435.66016	56394.50173	56457.83203	504975.3	5410402.0
L4975.0	0.0	0.0	27833.40039	389.05	0	48.846568	-86.932186	56394.90	56230.6	19.38	56414.28	56435.26953	56402.68618	56466.95703	504975.3	5410402.0
L4975.0	0.0	0.0	27833.50000	390.87	0	48.846554	-86.932187	56393.01	56230.6	19.39	56412.40	56433.75000	56384.61273	56449.79297	504975.3	5410400.3
L4975.0	0.0	0.0	27833.59961	389.34	0	48.846540	-86.932187	56392.78	56230.6	19.40	56412.17	56433.87500	56404.69814	56470.76563	504975.2	5410398.9
L4975.0	0.0	0.0	27833.69922	389.34	0	48.846540	-86.932187	56391.04	56230.6	19.40	56410.45	56432.49609	56389.92840	56456.85547	504975.2	5410398.9
L4975.0	0.0	0.0	27833.80078	390.34	0	48.846525	-86.932188	56390.99	56230.6	19.41	56410.40	56432.77734	56413.78939	56481.54297	504975.2	5410397.1
L4975.0	0.0	0.0	27833.90039	389.63	0	48.846515	-86.932188	56389.06	56230.6	19.41	56408.47	56431.17188	56393.73307	56462.28516	504975.2	5410396.0
L4975.0	0.0	0.0	27834.00000	389.87	0	48.846515	-86.932188	56388.62	56230.6	19.42	56408.04	56431.05859	56408.36128	56477.68359	504975.2	5410396.0
L4975.0	0.0	0.0	27834.09961	388.58	0	48.846501	-86.932188	56386.75	56230.6	19.42	56406.17	56429.49219	56389.31094	56459.37500	504975.1	5410394.5
L4975.0	0.0	0.0	27834.19922	388.61	0	48.846488	-86.932189	56385.84	56230.6	19.42	56405.26	56428.87891	56392.39507	56463.17578	504975.1	5410393.0
L4975.0	0.0	0.0	27834.30078	388.92	0	48.846476	-86.932189	56384.54	56230.6	19.42	56403.96	56427.86719	56386.22443	56457.69141	504975.1	5410391.7
L4975.0	0.0	0.0	27834.40039	388.10	0	48.846466	-86.932190	56382.98	56230.6	19.42	56402.39	56426.57422	56373.59307	56445.71484	504975.0	5410390.5
L4975.0	0.0	0.0	27834.50000	388.76	0	48.846452	-86.932190	56382.32	56230.6	19.42	56401.73	56426.18359	56381.94424	56454.69141	504975.0	5410389.0
L4975.0	0.0	0.0	27834.59961	389.89	0	48.846452	-86.932190	56380.48	56230.6	19.41	56399.89	56424.60156	56362.68082	56436.03125	504975.0	5410389.0
L4975.0	0.0	0.0	27834.69922	389.57	0	48.846436	-86.932191	56380.25	56230.6	19.41	56399.66	56424.62500	56380.68492	56454.60547	504974.9	5410387.3
L4975.0	0.0	0.0	27834.80078	387.85	0	48.846436	-86.932191	56379.07	56230.6	19.41	56398.48	56423.68359	56376.43005	56450.89453	504974.9	5410387.3
L4975.0	0.0	0.0	27834.90039	390.56	0	48.846424	-86.932192	56379.05	56230.6	19.41	56398.46	56423.89453	56398.98564	56473.96484	504974.9	5410386.0
L4975.0	0.0	0.0	27835.00000	390.80	0	48.846412	-86.932192	56378.00	56230.6	19.41	56397.41	56423.06641	56397.42915	56472.89453	504974.9	5410384.6
L4975.0	0.0	0.0	27835.09961	388.70	0	48.846412	-86.932192	56376.55	56230.6	19.41	56395.96	56421.83203	56386.41414	56462.33594	504974.9	5410384.6
L4975.0	0.0	0.0	27835.19922	389.05	0	48.846396	-86.932192	56375.42	56230.6	19.41	56394.83	56420.90625	56382.68704	56459.04297	504974.9	5410382.8
L4975.0	0.0	0.0	27835.30078	389.55	0	48.846382	-86.932193	56374.13	56230.6	19.41	56393.54	56419.80859	56375.08948	56451.84766	504974.8	5410381.3
L4975.0	0.0	0.0	27835.40039	389.49	0	48.846368	-86.932193	56373.46	56230.6	19.41	56392.87	56419.32422	56381.76308	56458.89453	504974.8	5410379.7
L4975.0	0.0	0.0	27835.50000	387.65	0	48.846368	-86.932193	56372.13	56230.6	19.42	56391.55	56418.18359	56373.17883	56450.65625	504974.8	5410379.7
L4975.0	0.0	0.0	27835.59961	389.33	0	48.846354	-86.932193	56371.98	56230.6	19.42	56391.39	56418.18750	56391.42983	56469.22656	504974.8	5410378.2
L4975.0	0.0	0.0	27835.59961	389.33	0	48.846354	-86.932193	56370.73	56230.6	19.42	56390.15	56417.10938	56384.43069	56462.51953	504974.8	5410378.2
L4975.0	0.0	0.0	27835.80078	388.98	0	48.846343	-86.932193	56370.06	56230.6	19.42	56389.48	56416.58984	56390.55382	56468.91016	504974.8	5410376.9
L4975.0	0.0	0.0	27835.90039	389.32	0	48.846330	-86.932193	56368.28	56230.6	19.42	56387.70	56414.94922	56370.73595	56449.32813	504974.8	5410375.4
L4975.0	0.0	0.0	27836.00000	390.34	0	48.846318	-86.932193	56367.28	56230.6	19.42	56386.70	56414.08203	56368.93036	56447.73438	504974.8	5410374.1
L4975.0	0.0	0.0	27836.09961	388.88	0	48.846318	-86.932193	56366.85	56230.6	19.42	56386.27	56413.77344	56380.25698	56459.24609	504974.8	5410374.1
L4975.0	0.0	0.0	27836.19922	388.94	0	48.846304	-86.932193	56366.16	56230.6	19.42	56385.58	56413.19922	56385.41828	56464.57031	504974.8	5410372.5
L4975.0	0.0	0.0	27836.30078	390.34	0	48.846292	-86.932194	56365.88	56230.6	19.43	56385.31	56413.03516	56400.23009	56479.51172	504974.8	5410371.2

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4975.0	0.0	0.0	27836.40039	390.87	0	48.846292	-86.932194	56364.10	56230.6	19.43	56383.53	56411.35547	56379.81543	56459.20313	504974.8	5410371.2
L4975.0	0.0	0.0	27836.50000	391.81	0	48.846276	-86.932194	56363.40	56230.6	19.43	56382.83	56410.74609	56384.40508	56463.87500	504974.8	5410369.4
L4975.0	0.0	0.0	27836.59961	392.50	0	48.846264	-86.932194	56362.15	56230.6	19.43	56381.58	56409.57813	56376.09810	56455.62500	504974.8	5410368.1
L4975.0	0.0	0.0	27836.69922	391.90	0	48.846250	-86.932194	56361.52	56230.6	19.43	56380.95	56409.01953	56382.10455	56461.66406	504974.7	5410366.6
L4975.0	0.0	0.0	27836.80078	393.22	0	48.846250	-86.932194	56360.93	56230.6	19.44	56380.36	56408.49609	56388.94000	56468.50391	504974.7	5410366.6
L4975.0	0.0	0.0	27836.90039	388.95	0	48.846238	-86.932194	56359.78	56230.6	19.44	56379.22	56407.41406	56382.88744	56462.43359	504974.7	5410365.3
L4975.0	0.0	0.0	27837.00000	389.56	0	48.846238	-86.932194	56359.55	56230.6	19.44	56378.99	56407.23047	56397.90035	56477.40234	504974.7	5410365.3
L4975.0	0.0	0.0	27837.09961	391.80	0	48.846222	-86.932194	56357.96	56230.6	19.44	56377.40	56405.68359	56381.19494	56460.63281	504974.7	5410363.4
L4975.0	0.0	0.0	27837.19922	390.76	0	48.846210	-86.932194	56357.28	56230.6	19.44	56376.72	56405.03906	56385.56025	56464.90625	504974.7	5410362.1
L4975.0	0.0	0.0	27837.30078	391.62	0	48.846196	-86.932195	56355.88	56230.6	19.44	56375.32	56403.66406	56373.09485	56452.32813	504974.7	5410360.6
L4975.0	0.0	0.0	27837.40039	391.23	0	48.846184	-86.932195	56355.57	56230.6	19.44	56375.01	56403.37109	56385.89081	56464.98828	504974.7	5410359.2
L4975.0	0.0	0.0	27837.50000	391.26	0	48.846184	-86.932195	56354.75	56230.6	19.44	56374.19	56402.56250	56386.74417	56465.67969	504974.7	5410359.2
L4975.0	0.0	0.0	27837.59961	388.72	0	48.846173	-86.932195	56353.94	56230.6	19.44	56373.38	56401.75781	56387.74924	56466.50391	504974.7	5410358.0
L4975.0	0.0	0.0	27837.59961	388.72	0	48.846160	-86.932195	56353.43	56230.6	19.44	56372.87	56401.24609	56395.65185	56474.20313	504974.7	5410356.6
L4975.0	0.0	0.0	27837.80078	392.55	0	48.846148	-86.932195	56352.66	56230.6	19.44	56372.10	56400.46484	56397.43186	56475.76172	504974.7	5410355.2
L4975.0	0.0	0.0	27837.90039	391.97	0	48.846148	-86.932195	56351.94	56230.6	19.44	56371.38	56399.73047	56400.30002	56478.37891	504974.7	5410355.2
L4975.0	0.0	0.0	27838.00000	391.71	0	48.846137	-86.932195	56350.39	56230.6	19.44	56369.83	56398.15625	56383.79477	56461.60547	504974.7	5410354.1
L4975.0	0.0	0.0	27838.09961	392.19	0	48.846123	-86.932195	56349.46	56230.6	19.44	56368.91	56397.20703	56381.86868	56459.39063	504974.7	5410352.5
L4975.0	0.0	0.0	27838.19922	392.29	0	48.846123	-86.932195	56348.17	56230.6	19.44	56367.61	56395.87109	56371.03702	56448.25000	504974.7	5410352.5
L4975.0	0.0	0.0	27838.30078	391.49	0	48.846112	-86.932195	56347.42	56230.6	19.45	56366.87	56395.08594	56373.16014	56450.04688	504974.7	5410351.2
L4975.0	0.0	0.0	27838.40039	391.36	0	48.846098	-86.932195	56347.25	56230.6	19.45	56366.70	56394.86719	56388.47211	56465.00781	504974.7	5410349.7
L4975.0	0.0	0.0	27838.50000	391.70	0	48.846087	-86.932195	56346.94	56230.6	19.45	56366.39	56394.50391	56400.46411	56476.62891	504974.7	5410348.4
L4975.0	0.0	0.0	27838.59961	388.48	0	48.846087	-86.932195	56346.31	56230.5	19.45	56365.76	56393.81250	56404.95180	56480.73047	504974.7	5410348.4
L4975.0	0.0	0.0	27838.69922	389.92	0	48.846070	-86.932195	56344.50	56230.5	19.45	56363.95	56391.93359	56381.93804	56457.31250	504974.7	5410346.5
L4975.0	0.0	0.0	27838.80078	388.53	0	48.846061	-86.932194	56343.50	56230.5	19.46	56362.95	56390.85938	56377.69937	56452.64844	504974.7	5410345.5
L4975.0	0.0	0.0	27838.90039	386.99	0	48.846061	-86.932194	56342.10	56230.5	19.46	56361.56	56389.39453	56364.33216	56438.83984	504974.7	5410345.5
L4975.0	0.0	0.0	27839.00000	389.13	0	48.846047	-86.932194	56341.56	56230.5	19.46	56361.02	56388.76953	56370.67228	56444.71484	504974.8	5410344.0
L4975.0	0.0	0.0	27839.09961	389.92	0	48.846034	-86.932194	56341.34	56230.5	19.46	56360.80	56388.46094	56384.39607	56457.96484	504974.8	5410342.6
L4975.0	0.0	0.0	27839.19922	389.88	0	48.846034	-86.932194	56340.62	56230.5	19.46	56360.08	56387.64453	56386.43609	56459.51172	504974.8	5410342.6
L4975.0	0.0	0.0	27839.30078	389.08	0	48.846019	-86.932193	56338.98	56230.5	19.46	56358.44	56385.90625	56367.02644	56439.58984	504974.8	5410340.8
L4975.0	0.0	0.0	27839.40039	389.89	0	48.846008	-86.932193	56337.96	56230.5	19.46	56357.42	56384.78125	56361.97882	56434.01563	504974.8	5410339.7
L4975.0	0.0	0.0	27839.50000	390.64	0	48.846008	-86.932193	56337.09	56230.5	19.46	56356.55	56383.80078	56360.36444	56431.85547	504974.8	5410339.7
L4975.0	0.0	0.0	27839.59961	390.88	0	48.845991	-86.932193	56335.99	56230.5	19.46	56355.45	56382.58594	56353.34728	56424.28125	504974.9	5410337.8
L4975.0	0.0	0.0	27839.69922	390.88	0	48.845980	-86.932192	56335.67	56230.5	19.46	56355.13	56382.14844	56364.41423	56434.77734	504974.9	5410336.5
L4975.0	0.0	0.0	27839.80078	392.56	0	48.845980	-86.932192	56335.56	56230.5	19.46	56355.02	56381.91797	56380.31085	56450.08984	504974.9	5410336.5
L4975.0	0.0	0.0	27839.90039	392.45	0	48.845964	-86.932192	56334.82	56230.5	19.46	56354.28	56381.05078	56381.50406	56450.67969	504975.0	5410334.8
L4975.0	0.0	0.0	27840.00000	392.37	0	48.845953	-86.932191	56333.98	56230.5	19.46	56353.44	56380.07813	56380.31863	56448.87500	504975.0	5410333.5
L4975.0	0.0	0.0	27840.09961	393.65	0	48.845940	-86.932190	56332.32	56230.5	19.46	56351.78	56378.28125	56360.01182	56427.93750	504975.0	5410332.1
L4975.0	0.0	0.0	27840.19922	391.35	0	48.845929	-86.932190	56330.48	56230.5	19.46	56349.94	56376.30469	56335.46617	56402.75391	504975.1	5410330.9
L4975.0	0.0	0.0	27840.30078	389.84	0	48.845929	-86.932190	56328.95	56230.5	19.46	56348.41	56374.62891	56318.07610	56384.70703	504975.1	5410330.9
L4975.0	0.0	0.0	27840.40039	389.72	0	48.845918	-86.932189	56328.95	56230.5	19.46	56348.41	56374.48438	56336.21131	56402.17578	504975.1	5410329.7
L4975.0	0.0	0.0	27840.50000	390.40	0	48.845903	-86.932189	56328.54	56230.5	19.46	56348.01	56373.93359	56344.99154	56410.27344	504975.1	5410328.0
L4975.0	0.0	0.0	27840.59961	390.20	0	48.845890	-86.932189	56328.57	56230.5	19.47	56348.03	56373.80078	56363.48483	56428.07422	504975.2	5410326.5
L4975.0	0.0	0.0	27840.69922	391.04	0	48.845890	-86.932189	56327.63	56230.5	19.47	56347.10	56372.71484	56359.83302	56423.72266	504975.2	5410326.5
L4975.0	0.0	0.0	27840.80078	391.22	0	48.845876	-86.932188	56326.78	56230.5	19.47	56346.25	56371.70313	56357.98736	56421.16406	504975.2	5410325.0
L4975.0	0.0	0.0	27840.90039	391.51	0	48.845864	-86.932188	56325.64	56230.5	19.47	56345.11	56370.40234	56349.34357	56411.79688	504975.2	5410323.6
L4975.0	0.0	0.0	27841.00000	391.09	0	48.845848	-86.932188	56324.46	56230.5	19.47	56343.93	56369.05469	56339.71474	56401.42969	504975.3	5410321.9
L4975.0	0.0	0.0	27841.09961	391.98	0	48.845848	-86.932188	56324.08	56230.5	19.47	56343.55	56368.50781	56348.63380	56409.60547	504975.3	5410321.9
L4975.0	0.0	0.0	27841.19922	392.84	0	48.845837	-86.932187	56323.14	56230.5	19.47	56342.61	56367.39844	56344.47493	56404.69531	504975.3	5410320.7
L4975.0	0.0	0.0	27841.30078	392.04	0	48.845822	-86.932187	56321.98	56230.5	19.47	56341.44	56366.05469	56334.91149	56394.37109	504975.3	5410319.0
L4975.0	0.0	0.0	27841.40039	389.25	0	48.845822	-86.932187	56319.87	56230.5	19.47	56339.33	56363.76953	56303.43269	56362.12109	504975.3	5410319.0
L4975.0	0.0	0.0	27841.50000	389.28	0	48.845811	-86.932187	56318.82	56230.5	19.47	56338.29	56362.55078	56296.77848	56354.68359	504975.3	5410317.7
L4975.0	0.0	0.0	27841.59961	390.23	0	48.845811	-86.932187	56317.82	56230.5	19.46	56337.29	56361.37109	56290.99679	56348.11328	504975.3	5410317.7
L4975.0	0.0	0.0	27841.69922	390.23	0	48.845782	-86.932186	56317.46	56230.5	19.46	56336.93	56360.82813	56300.03950	56356.36328	504975.4	5410314.6
L4975.0	0.0	0.0	27841.80078	388.14	0	48.845782	-86.932186	56317.19	56230.5	19.46	56336.65	56360.36719	56310.88390	56366.40625	504975.4	5410314.6
L4975.0	0.0	0.0	27841.90039	389.20	0	48.845768	-86.932186	56316.38	56230.5	19.46	56335.84	56359.37109	56309.34459	56364.05469	504975.4	5410313.0
L4975.0	0.0	0.0	27842.00000	388.30	0	48.845768	-86.932186	56316.73	56230.5	19.46	56336.19	56359.53516	56334.72026	56388.61328	504975.4	5410313.0
L4975.0	0.0	0.0	27842.09961	387.91	0	48.845751	-86.932186	56316.98	56230.5	19.46	56336.43	56359.58594	56357.47794	56410.54688	504975.4	5410311.1
L4975.0	0.0	0.0	27842.19922	390.32	0	48.845740	-86.932186	56316.60	56230.5	19.46	56336.06	56359.02344	56365.99021	56418.23047	504975.4	5410309.9
L4975.0	0.0	0.0	27842.30078	391.56	0	48.845740	-86.932186	56314.02	56230.5	19.45	56333.48	56356.25391	56323.05036	56374.45703	504975.4	5410309.9
L4975.0	0.0	0.0	27842.40039	389.99	0	48.845725	-86.932187	56312.60	56230.5	19.45	56332.05	56354.63281	56306.79125	56357.35938	504975.3	5410308.2
L4975.0	0.0	0.0	27842.50000	389.96	0	48.845713	-86.932187	56310.83	56230.5	19.45	56330.28	56352.66797	56282.56417	56332.28125	504975.3	5410306.9
L4975.0	0.0	0.0	27842.59961	391.21	0	48.845699	-86.932188	56309.96	56230.6	19.45	56329.41	56351.60156	56279.20370	56328.07422	504975.3	5410305.4
L4975.0	0.0	0.0	27842.69922	390.75	0	48.845699	-86.932188	56309.96	56230.6	19.45	56329.40	56351.39844	56295.77944	56343.79688	504975.3	5410305.4
L4975.0	0.0	0.0	27842.80078	390.91	0	48.845682	-86.932188	56310.15	56230.6	19.44	56329.59	56351.39063	56316.94358	56364.10547	504975.2	5410303.4
L4975.0	0.0	0.0	27842.90039	390.29	0	48.845682	-86.932188	56311.39	56230.6	19.44	56330.84	56352.44531	56362.69436	56408.99219	504975.2	5410303.4
L4975.0	0.0	0.0	27843.00000	390.82	0	48.845668	-86.932189	56310.90	56230.6	19.44	56330.34	56351.74609	56367.68811	56413.11719	504975.2	5410301.9
L4975.0	0.0	0.0	27843.09961	389.09	0	48.845656	-86.932189	56309.66	56230.6	19.44	56329.10	56350.30859	56355.41129	56399.97266	504975.2	5410300.6
L4975.0	0.0	0.0	27843.19922	389.07	0	48.845643	-86.932188	56305.93	56230.6	19.44	56325.37	56346.38281	56285.16955	56328.85938	504975.2	5410299.1
L4975.0	0.0	0.0	27843.30078	389.97	0	48.845643	-86.932188	56306.41	56230.6	19.44	56325.85	56346.66406	56312.76444	56355.58203	504975.2	5410299.1
L4975.0	0.0	0.0	27843.40039	390.08	0	48.845631	-86.932188	56305.22	56230.6	19.44	56324.66	56345.27344	56301.46295	56343.40625	504975.2	5410297.7
L4975.0	0.0	0.0	27843.50000	388.37	0	48.845631	-86.932188	56305.68	56230.6	19.44	56325.12	56345.53516	56328.46846	56369.53125	504975.2	5410297.7
L4975.0	0.0	0.0	27843.59961	390.16	0	48.845614	-86.932188	56305.04	56230.6	19.44	56324.48	56344.69922	56329.83299	56370.01563	504975.3	5410295.9
L4975.0	0.0	0.0	27843.59961	390.16	0	48.845600	-86.932188	56304.53	56230.6	19.44	56323.97	56343.98828	56334.15933	56373.46094	504975.3	5410294.3
L4975.0	0.0	0.0	27843.80078	389.47	0	48.845600	-86.932188	56303.84	56230.6	19.44	56323.28	56343.10156	56334.23930	56372.66406	504975.3	5410294.3
L4975.0	0.0	0.0	27843.90039	390.45	0	48.845585	-86.932187	56301.95	56230.6	19.44	56321.39	56341.01172	56306.35452	56343.89453	504975.3	5410292.6
L4975.0	0.0	0.0	27844.00000	391.74	0	48.845571	-86.932187	56302.06	56230.6	19.44	56321.50	56340.92578	56324.91834	56361.57422	504975.3	5410291.1
L4975.0	0.0	0.0	27844.09961	391.12	0	48.845571	-86.932187	56299.91	56230.6	19.44	56319.35	56338.57813	56290.86978	56326.64063	504975.3	5410291.1
L4975.0	0.0	0.0	27844.19922	389.21	0	48.845555	-86.932187	56300.13	56230.6	19.44	56319.57	56338.60156	56311.87554	56346.76563	504975.3	5410289.3
L4975.0	0.0	0.0	27844.30078	390.94	0	48.845543	-86.932187	56298.92	56230.6	19.44	56318.35	56337.18359	56299.33913	56333.34766	504975.3	5410288.0
L4975.0	0.0	0.0	27844.40039	392.04	0	48.845543	-86.932187	56299.38	56230.6	19.44	56318.81	56337.44922	56325.81399	56358.93750	504975.3	5410288.0
L4975.0	0.0	0.0	27844.50000	391.25	0	48.845530	-86.932187	56298.70	56230.6	19.44	56318.14	56336.58594	56325.95779	56358.19922	504975.3	5410286.6
L4975.0	0.0	0.0	27844.59961	393.83	0	48.845519	-86.932187	56298.03	56230.6	19.43	56317.46	56335.71094	56325.81631	56357.17578	504975.3	5410285.3
L4975.0	0.0	0.0	27844.69922	390.59	0	48.845506	-86.932187	56297.23	56230.6	19.43	56316.66	56334.71875	56322.83308	56353.31641	504975.3	5410283.8
L4975.0	0.0	0.0	27844.80078	391.37	0	48.845506	-86.932187	56295.57	56230.6	19.43	56315.00	56332.86719	56299.80177	56329.41016	504975.3	5410283.8
L4975.0	0.0	0.0	27844.90039	389.60	0	48.845489	-86.932187	56295.86	56230.6	19.43	56315.29	56332.96484	56322.06766	56350.80078	504975.3	5410282.0
L4975.0	0.0	0.0	27845.00000	390.20	0	48.845489	-86.932187	56294.12	56230.6	19.43	56313.55	56331.03516	56297.08184	56324.93750	504975.3	5410282.0
L4975.0	0.0	0.0	27845.09961	388.87	0	48.845475	-86.932187	56294.01	56230.6	19.43	56313.44	56330.73438	56309.95569	56336.94141	504975.3	5410280.5
L4975.0	0.0	0.0	27845.19922	386.82	0	48.845464	-86.932188	56292.77	56230.6	19.44	56312.20	56329.30859	56296.51034	56322.62891	504975.3	5410279.2
L4975.0	0.0	0.0	27845.30078	387.11	0	48.845450	-86.932188	56292.94	56230.6	19.44	56312.38	56329.30078	56316.04551	56341.30078	504975.3	5410277.7
L4975.0	0.0	0.0	27845.40039	387.85	0	48.845450	-86.932188	56292.07	56230.6	19.44	56311.52	56328.25781	56311.35875	56335.75000	504975.3	5410277.7
L4975.0	0.0	0.0	27845.50000	389.01	0	48.845434	-86.932188	56291.36	56230.6	19.44	56310.80	56327.35547	56309.89210	56333.42578	504975.3	5410275.8
L4975.0	0.0	0.0	27845.59961	389.33	0	48.845434	-86.932188	56291.11	56230.6	19.45	56310.55	56326.92188	56319.32184	56342.00000	504975.3	5410275.8

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4975.0	0.0	0.0	27845.59961	389.33	0	48.845420	-86.932188	56289.84	56230.6	19.45	56309.28	56325.47266	56305.00219	56326.82813	504975.2	5410274.3
L4975.0	0.0	0.0	27845.80078	388.52	0	48.845406	-86.932189	56289.95	56230.5	19.45	56309.41	56325.42578	56323.21042	56344.19141	504975.2	5410272.7
L4975.0	0.0	0.0	27845.90039	389.54	0	48.845392	-86.932189	56288.53	56230.5	19.46	56307.98	56323.82031	56305.11766	56325.25391	504975.2	5410271.2
L4975.0	0.0	0.0	27846.00000	390.28	0	48.845392	-86.932189	56288.78	56230.5	19.46	56308.24	56323.90234	56326.30217	56345.59766	504975.2	5410271.2
L4975.0	0.0	0.0	27846.09961	389.69	0	48.845379	-86.932189	56287.22	56230.5	19.46	56306.68	56322.17188	56305.14563	56323.60938	504975.2	5410269.7
L4975.0	0.0	0.0	27846.19922	388.31	0	48.845379	-86.932189	56287.13	56230.5	19.46	56306.59	56321.91016	56318.15665	56335.79297	504975.2	5410269.7
L4975.0	0.0	0.0	27846.30078	388.81	0	48.845365	-86.932188	56286.08	56230.5	19.46	56305.54	56320.69141	56308.83140	56325.64453	504975.2	5410268.2
L4975.0	0.0	0.0	27846.40039	391.12	0	48.845353	-86.932188	56285.67	56230.5	19.46	56305.13	56320.11328	56314.37953	56330.37109	504975.2	5410266.9
L4975.0	0.0	0.0	27846.50000	393.10	0	48.845341	-86.932188	56285.18	56230.5	19.46	56304.64	56319.45703	56318.06164	56333.24219	504975.3	5410265.5
L4975.0	0.0	0.0	27846.59961	392.70	0	48.845341	-86.932188	56284.26	56230.5	19.46	56303.72	56318.37500	56311.74239	56326.11328	504975.3	5410265.5
L4975.0	0.0	0.0	27846.69922	392.97	0	48.845330	-86.932188	56283.91	56230.5	19.46	56303.37	56317.86328	56318.67935	56332.25000	504975.3	5410264.3
L4975.0	0.0	0.0	27846.80078	392.07	0	48.845330	-86.932188	56282.27	56230.5	19.46	56301.73	56316.06641	56295.62390	56308.40234	504975.3	5410264.3
L4975.0	0.0	0.0	27846.90039	388.84	0	48.845315	-86.932188	56282.18	56230.5	19.46	56301.64	56315.82031	56308.62106	56320.60938	504975.3	5410262.7
L4975.0	0.0	0.0	27847.00000	390.19	0	48.845304	-86.932188	56281.48	56230.5	19.46	56300.94	56314.96484	56307.44620	56318.64844	504975.3	5410261.4
L4975.0	0.0	0.0	27847.09961	389.83	0	48.845291	-86.932188	56281.33	56230.5	19.46	56300.79	56314.66406	56319.07788	56329.50391	504975.3	5410259.9
L4975.0	0.0	0.0	27847.19922	388.28	0	48.845278	-86.932188	56280.82	56230.5	19.46	56300.28	56314.00391	56322.35906	56332.01953	504975.3	5410258.5
L4975.0	0.0	0.0	27847.30078	390.74	0	48.845278	-86.932188	56280.11	56230.5	19.46	56299.57	56313.14844	56321.01451	56329.91406	504975.3	5410258.5
L4975.0	0.0	0.0	27847.40039	392.41	0	48.845263	-86.932188	56279.65	56230.5	19.46	56299.11	56312.54297	56325.51271	56333.65625	504975.3	5410256.9
L4975.0	0.0	0.0	27847.50000	392.42	0	48.845249	-86.932188	56278.44	56230.5	19.46	56297.90	56311.19141	56312.60399	56319.99609	504975.3	5410255.3
L4975.0	0.0	0.0	27847.59961	391.59	0	48.845239	-86.932187	56278.38	56230.5	19.46	56297.83	56310.98047	56326.24266	56332.89844	504975.3	5410254.1
L4975.0	0.0	0.0	27847.69922	391.59	0	48.845239	-86.932187	56276.92	56230.5	19.46	56296.38	56309.39453	56307.83317	56313.75781	504975.3	5410254.1
L4975.0	0.0	0.0	27847.80078	391.82	0	48.845215	-86.932187	56276.84	56230.5	19.46	56296.30	56309.18359	56321.32835	56326.52734	504975.4	5410251.6
L4975.0	0.0	0.0	27847.90039	391.78	0	48.845215	-86.932187	56275.86	56230.5	19.46	56295.32	56308.07031	56313.94626	56318.42969	504975.4	5410251.6
L4975.0	0.0	0.0	27848.00000	391.48	0	48.845206	-86.932187	56275.54	56230.5	19.46	56295.00	56307.62500	56321.96763	56325.74219	504975.4	5410250.5
L4975.0	0.0	0.0	27848.09961	389.90	0	48.845194	-86.932187	56274.70	56230.5	19.46	56294.16	56306.65625	56317.95744	56321.03516	504975.4	5410249.2
L4975.0	0.0	0.0	27848.19922	388.29	0	48.845183	-86.932187	56273.72	56230.5	19.46	56293.18	56305.55469	56310.75686	56313.14453	504975.4	5410248.0
L4975.0	0.0	0.0	27848.30078	389.26	0	48.845167	-86.932187	56273.17	56230.5	19.47	56292.63	56304.88672	56313.62535	56315.33203	504975.4	5410246.2
L4975.0	0.0	0.0	27848.40039	390.49	0	48.845167	-86.932187	56271.84	56230.5	19.47	56291.30	56303.44141	56298.43041	56299.46484	504975.4	5410246.2
L4975.0	0.0	0.0	27848.50000	389.51	0	48.845152	-86.932187	56271.38	56230.5	19.47	56290.85	56302.87500	56303.77836	56304.14844	504975.3	5410244.5
L4975.0	0.0	0.0	27848.59961	387.84	0	48.845140	-86.932187	56270.44	56230.5	19.47	56289.91	56301.82422	56297.81615	56297.53516	504975.3	5410243.2
L4975.0	0.0	0.0	27848.69922	388.50	0	48.845140	-86.932187	56269.96	56230.5	19.47	56289.44	56301.25000	56302.87240	56301.94922	504975.3	5410243.2
L4975.0	0.0	0.0	27848.80078	390.56	0	48.845128	-86.932188	56268.93	56230.5	19.48	56288.40	56300.10547	56294.76790	56293.21094	504975.3	5410241.8
L4975.0	0.0	0.0	27848.90039	388.89	0	48.845114	-86.932188	56268.57	56230.5	19.48	56288.05	56299.65234	56302.80753	56300.62500	504975.3	5410240.3
L4975.0	0.0	0.0	27849.00000	388.07	0	48.845114	-86.932188	56267.66	56230.5	19.48	56287.14	56298.64453	56297.92880	56295.13281	504975.3	5410240.3
L4975.0	0.0	0.0	27849.09961	389.95	0	48.845104	-86.932188	56266.91	56230.5	19.48	56286.39	56297.80078	56296.87947	56293.48047	504975.3	5410239.2
L4975.0	0.0	0.0	27849.19922	390.07	0	48.845088	-86.932189	56267.25	56230.5	19.48	56286.73	56298.05078	56321.29069	56317.29688	504975.3	5410237.4
L4975.0	0.0	0.0	27849.30078	387.82	0	48.845075	-86.932189	56266.30	56230.5	19.48	56285.78	56297.01172	56315.82303	56311.25000	504975.2	5410236.0
L4975.0	0.0	0.0	27849.40039	391.37	0	48.845075	-86.932189	56265.46	56230.5	19.48	56284.94	56296.08984	56313.03701	56307.89063	504975.2	5410236.0
L4975.0	0.0	0.0	27849.50000	391.87	0	48.845059	-86.932189	56263.74	56230.5	19.48	56283.22	56294.28906	56289.91619	56284.20703	504975.2	5410234.2
L4975.0	0.0	0.0	27849.59961	391.47	0	48.845045	-86.932190	56263.41	56230.5	19.48	56282.89	56293.88281	56299.25203	56292.99219	504975.2	5410232.6
L4975.0	0.0	0.0	27849.59961	391.47	0	48.845045	-86.932190	56263.21	56230.5	19.48	56282.69	56293.60938	56311.74955	56304.95313	504975.2	5410232.6
L4975.0	0.0	0.0	27849.80078	391.68	0	48.845029	-86.932191	56262.73	56230.5	19.48	56282.21	56293.05859	56317.87962	56310.55469	504975.1	5410230.9
L4975.0	0.0	0.0	27849.90039	391.05	0	48.845029	-86.932191	56261.89	56230.5	19.48	56281.37	56292.15234	56315.78690	56307.94531	504975.1	5410230.9
L4975.0	0.0	0.0	27850.00000	390.93	0	48.845015	-86.932191	56260.63	56230.5	19.48	56280.11	56290.82813	56304.08115	56295.73438	504975.1	5410229.3
L4975.0	0.0	0.0	27850.09961	390.60	0	48.844999	-86.932191	56260.30	56230.5	19.48	56279.78	56290.43750	56314.16014	56305.32031	504975.1	5410227.5
L4975.0	0.0	0.0	27850.19922	390.48	0	48.844999	-86.932191	56259.43	56230.5	19.48	56278.92	56289.52344	56312.07809	56302.75781	504975.1	5410227.5
L4975.0	0.0	0.0	27850.30078	389.54	0	48.844987	-86.932192	56258.56	56230.5	19.48	56278.04	56288.59375	56309.69944	56299.91406	504975.1	5410226.2
L4975.0	504975.1	5410224.8	27850.40039	390.29	0	48.844975	-86.932192	56257.84	56230.5	19.48	56277.32	56287.82422	56311.21484	56300.97266	504975.1	5410224.8
L4975.0	504975.1	5410224.8	27850.50000	390.76	0	48.844975	-86.932192	56257.54	56230.5	19.49	56277.03	56287.49219	56322.90776	56312.21875	504975.1	5410224.8
L4975.0	504975.1	5410223.0	27850.59961	390.41	0	48.844959	-86.932192	56256.72	56230.5	19.49	56276.20	56286.62109	56322.22676	56311.10547	504975.1	5410223.0
L4975.0	504975.1	5410221.7	27850.69922	388.83	0	48.844947	-86.932192	56255.92	56230.5	19.49	56275.40	56285.78516	56322.43148	56310.89453	504975.1	5410221.7
L4975.0	504975.1	5410221.7	27850.80078	389.46	0	48.844947	-86.932192	56254.94	56230.5	19.49	56274.43	56284.78516	56318.87596	56306.92969	504975.1	5410221.7
L4975.0	504975.1	5410219.8	27850.90039	389.17	0	48.844930	-86.932192	56253.41	56230.5	19.49	56272.90	56283.22656	56302.49599	56290.15625	504975.1	5410219.8
L4975.0	504975.1	5410218.6	27851.00000	387.79	0	48.844919	-86.932191	56252.39	56230.5	19.49	56271.88	56282.18359	56298.17810	56285.45703	504975.1	5410218.6
L4975.0	504975.1	5410218.6	27851.09961	386.94	0	48.844919	-86.932191	56250.48	56230.5	19.49	56269.97	56280.25391	56273.37154	56260.28516	504975.1	5410218.6
L4975.0	504975.1	5410217.0	27851.19922	387.69	0	48.844904	-86.932191	56249.56	56230.5	19.49	56269.04	56279.30859	56271.56591	56258.12500	504975.1	5410217.0
L4975.0	504975.1	5410215.4	27851.30078	389.04	0	48.844890	-86.932191	56248.59	56230.5	19.49	56268.08	56278.33984	56269.27946	56255.50000	504975.1	5410215.4
L4975.0	504975.1	5410215.4	27851.40039	387.83	0	48.844890	-86.932191	56249.04	56230.5	19.49	56268.53	56278.78125	56300.00255	56285.89453	504975.1	5410215.4
L4975.0	504975.1	5410213.8	27851.50000	388.85	0	48.844876	-86.932191	56248.56	56230.5	19.49	56268.05	56278.30078	56309.32559	56294.90625	504975.1	5410213.8
L4975.0	504975.1	5410212.7	27851.59961	388.86	0	48.844866	-86.932191	56247.72	56230.5	19.49	56267.21	56277.46094	56310.50796	56295.78906	504975.1	5410212.7
L4975.0	504975.1	5410210.8	27851.59961	388.86	0	48.844849	-86.932191	56245.63	56230.5	19.49	56265.12	56275.37891	56282.85823	56267.85547	504975.1	5410210.8
L4975.0	504975.1	5410210.8	27851.80078	390.49	0	48.844849	-86.932191	56244.29	56230.5	19.49	56263.78	56274.05078	56272.88883	56257.61328	504975.1	5410210.8
L4975.0	504975.1	5410209.0	27851.90039	390.49	0	48.844833	-86.932192	56244.16	56230.5	19.49	56263.65	56273.93750	56291.30109	56275.76953	504975.1	5410209.0
L4975.0	504975.1	5410208.4	27852.00000	389.90	0	48.844827	-86.932192	56243.25	56230.5	19.49	56262.74	56273.04688	56291.82414	56276.05078	504975.1	5410208.4
L4975.0	504975.1	5410206.7	27852.09961	390.18	0	48.844812	-86.932192	56242.54	56230.5	19.49	56262.03	56272.36328	56297.25129	56281.25391	504975.1	5410206.7
L4975.0	504975.1	5410206.7	27852.19922	391.44	0	48.844812	-86.932192	56241.03	56230.5	19.50	56260.52	56270.88281	56284.33299	56268.12109	504975.1	5410206.7
L4975.0	504975.1	5410204.8	27852.30078	390.31	0	48.844794	-86.932192	56240.21	56230.5	19.50	56259.71	56270.10547	56287.95452	56271.54688	504975.1	5410204.8
L4975.0	504975.1	5410203.6	27852.40039	388.92	0	48.844784	-86.932192	56239.15	56230.5	19.50	56258.65	56269.08594	56286.02896	56269.43750	504975.1	5410203.6
L4975.0	504975.1	5410202.2	27852.50000	388.04	0	48.844772	-86.932191	56238.32	56230.5	19.50	56257.83	56268.30859	56289.95503	56273.19531	504975.1	5410202.2
L4975.0	504975.1	5410202.2	27852.59961	387.22	0	48.844772	-86.932191	56237.18	56230.5	19.51	56256.69	56267.21875	56286.71476	56269.80469	504975.1	5410202.2
L4975.0	504975.1	5410200.7	27852.69922	386.62	0	48.844758	-86.932191	56236.21	56230.5	19.51	56255.73	56266.31250	56287.93932	56270.89063	504975.1	5410200.7
L4975.0	504975.1	5410199.0	27852.80078	388.24	0	48.844743	-86.932191	56235.18	56230.5	19.51	56254.70	56265.33984	56287.81939	56270.65234	504975.1	5410199.0
L4975.0	504975.1	5410199.0	27852.90039	387.88	0	48.844743	-86.932191	56234.02	56230.5	19.52	56253.54	56264.24609	56284.96386	56267.69141	504975.1	5410199.0
L4975.0	504975.2	5410197.2	27853.00000	387.93	0	48.844727	-86.932190	56232.86	56230.5	19.52	56252.38	56263.15234	56282.39982	56265.03516	504975.2	5410197.2
L4975.0	504975.2	5410197.2	27853.09961	388.36	0	48.844727	-86.932190	56232.29	56230.5	19.52	56251.81	56262.65625	56293.85113	56276.41406	504975.2	5410197.2
L4975.0	504975.2	5410195.6	27853.19922	389.29	0	48.844712	-86.932190	56231.44	56230.5	19.52	56250.96	56261.88672	56299.09085	56281.59766	504975.2	5410195.6
L4975.0	504975.2	5410195.6	27853.30078	389.72	0	48.844712	-86.932190	56230.64	56230.5	19.53	56250.17	56261.17969	56306.02927	56288.49609	504975.2	5410195.6
L4975.0	504975.3	5410192.2	27853.40039	389.38	0	48.844681	-86.932189	56229.71	56230.5	19.53	56249.24	56260.33984	56310.01952	56292.46094	504975.3	5410192.2
L4975.0	504975.3	5410192.2	27853.50000	390.01	0	48.844681	-86.932189	56228.29	56230.5	19.53	56247.82	56259.01172	56302.92658	56285.35547	504975.3	5410192.2
L4975.0	504975.4	5410190.5	27853.59961	389.80	0	48.844666	-86.932188	56226.88	56230.5	19.53	56246.41	56257.70313	56296.38123	56278.82031	504975.4	5410190.5
L4975.0	504975.4	5410190.5	27853.59961	389.80	0	48.844666	-86.932188	56225.75	56230.5	19.53	56245.28	56256.67578	56296.66583	56279.12891	504975.4	5410190.5
L4975.0	504975.4	5410188.9	27853.80078	387.25	0	48.844652	-86.932187	56224.62	56230.5	19.54	56244.16	56255.66797	56297.50553	56280.00781	504975.4	5410188.9
L4975.0	504975.4	5410187.8	27853.90039	390.59	0	48.844641	-86.932187	56223.41	56230.5	19.54	56242.94	56254.56250	56296.34610	56278.90625	504975.4	5410187.8
L4975.0	504975.5	5410186.4	27854.00000	390.08	0	48.844629	-86.932186	56222.42	56230.5	19.54	56241.96	56253.70313	56301.09751	56283.73438	504975.5	5410186.4
L4975.0	504975.5	5410186.4	27854.09961	390.50	0	48.844629	-86.932186	56221.11	56230.5	19.54	56240.65	56252.51953	56298.50862	56281.23438	504975.5	5410186.4
L4975.0	504975.5	5410184.7	27854.19922	391.17	0	48.844614	-86.932186	56219.77	56230.5	19.55	56239.32	56251.32031	56295.79170	56278.62500	504975.5	5410184.7
L4975.0	504975.5	5410183.1	27854.30078	391.65	0	48.844599	-86.932186	56218.64	56230.5	19.55	56238.19	56250.32813	56298.06612	56281.02734	504975.5	5410183.1
L4975.0	504975.6	5410181.7	27854.40039	391.52	0	48.844587	-86.932185	56217.07	56230.4	19.55	56236.62	56248.89844	56290.45281	56273.55469	504975.6	5410181.7
L4975.0	504975.6	5410181.7	27854.50000	390.71	0	48.844587	-86.932185	56215.65	56230.4	19.56	56235.20	56247.62891	56286.67503	56269.93750	504975.6	5410181.7
L4975.0	504975.6	5410180.2	27854.59961	391.80	0	48.844573	-86.932185	56214.32	56230.4	19.56	56233.87	56246.44922	56285.34089	56268.77734	504975.6	5410180.2
L4975.0	504975.6	5410178.3	27854.69922	391.68	0	48.844557	-86.932185	56213.14	56230.4	19.56	56232.70	56245.44141	56288.08149	56271.71484	504975.6	5410178.3
L4975.0	504975.6	5410178.3	27854.80078	391.24	0	48.844557	-86.932185	56211.50	56230.4	19.56	56231.07	56243.97266	56280.48265	56264.32422	504975.6	5410178.3
L4975.0	504975.6	5410176.9	27854.90039	390.76	0	48.844544	-86.932185	56210.31	56230.4	19.57	56229.88	56242.95313	56283.47616	56267.54688	504975.6	5410176.9

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4975.0	504975.6	5410176.9	27855.00000	390.87	0	48.844544	-86.932185	56209.03	56230.4	19.57	56228.60	56241.84766	56284.74058	56269.05859	504975.6	5410176.9
L4975.0	504975.6	5410175.0	27855.09961	390.15	0	48.844527	-86.932185	56207.71	56230.4	19.57	56227.28	56240.71094	56285.44175	56270.02344	504975.6	5410175.0
L4975.0	504975.6	5410173.3	27855.19922	389.62	0	48.844511	-86.932185	56206.20	56230.4	19.57	56225.77	56239.38672	56282.09463	56266.95703	504975.6	5410173.3
L4975.0	504975.6	5410173.3	27855.30078	388.48	0	48.844511	-86.932185	56204.31	56230.4	19.57	56223.88	56237.68750	56270.28401	56255.44141	504975.6	5410173.3
L4975.0	504975.6	5410171.7	27855.40039	387.63	0	48.844497	-86.932185	56203.01	56230.4	19.57	56222.58	56236.58594	56272.56918	56258.04297	504975.6	5410171.7
L4975.0	504975.6	5410170.2	27855.50000	388.11	0	48.844484	-86.932185	56201.36	56230.4	19.58	56220.93	56235.14063	56267.09434	56252.90234	504975.6	5410170.2
L4975.0	504975.6	5410170.2	27855.59961	389.28	0	48.844484	-86.932185	56199.83	56230.4	19.58	56219.41	56233.82813	56265.02426	56251.17969	504975.6	5410170.2
L4975.0	504975.6	5410168.7	27855.59961	389.28	0	48.844470	-86.932185	56198.45	56230.4	19.58	56218.02	56232.65234	56266.36174	56252.88672	504975.6	5410168.7
L4975.0	504975.6	5410167.0	27855.80078	389.68	0	48.844455	-86.932185	56197.12	56230.4	19.58	56216.70	56231.55078	56269.71430	56256.62500	504975.6	5410167.0
L4975.0	504975.6	5410165.6	27855.90039	390.38	0	48.844442	-86.932185	56195.47	56230.4	19.58	56215.05	56230.12500	56265.78306	56253.09375	504975.6	5410165.6
L4975.0	504975.6	5410165.6	27856.00000	393.35	0	48.844442	-86.932185	56193.97	56230.4	19.58	56213.55	56228.85547	56265.73255	56253.46484	504975.6	5410165.6
L4975.0	504975.6	5410164.3	27856.09961	393.21	0	48.844430	-86.932185	56192.21	56230.4	19.58	56211.79	56227.33203	56260.03123	56248.19922	504975.6	5410164.3
L4975.0	504975.6	5410162.8	27856.19922	391.59	0	48.844417	-86.932185	56190.43	56230.4	19.58	56210.01	56225.79688	56254.26256	56242.88672	504975.6	5410162.8
L4975.0	504975.6	5410161.7	27856.30078	390.55	0	48.844407	-86.932185	56188.99	56230.4	19.58	56208.57	56224.60156	56256.80043	56245.89453	504975.6	5410161.7
L4975.0	504975.6	5410161.7	27856.40039	391.18	0	48.844407	-86.932185	56187.29	56230.4	19.58	56206.87	56223.15625	56253.69486	56243.28125	504975.6	5410161.7
L4975.0	504975.6	5410159.4	27856.50000	391.44	0	48.844386	-86.932186	56185.75	56230.4	19.58	56205.33	56221.87500	56254.71482	56244.80469	504975.6	5410159.4
L4975.0	504975.6	5410158.0	27856.59961	390.57	0	48.844374	-86.932186	56184.02	56230.4	19.58	56203.60	56220.40625	56251.72371	56242.33594	504975.6	5410158.0
L4975.0	504975.6	5410158.0	27856.69922	391.73	0	48.844374	-86.932186	56182.39	56230.4	19.58	56201.97	56219.04688	56251.46735	56242.62109	504975.6	5410158.0
L4975.0	504975.6	5410156.4	27856.80078	390.46	0	48.844360	-86.932186	56180.63	56230.4	19.58	56200.21	56217.55859	56248.59946	56240.30859	504975.6	5410156.4
L4975.0	504975.5	5410155.0	27856.90039	390.55	0	48.844346	-86.932186	56178.29	56230.4	19.58	56197.87	56215.50000	56232.65781	56224.94531	504975.5	5410155.0
L4975.0	504975.5	5410155.0	27857.00000	389.51	0	48.844346	-86.932186	56175.44	56230.4	19.58	56195.02	56212.93359	56205.27214	56198.14844	504975.5	5410155.0
L4975.0	504975.5	5410153.5	27857.09961	388.18	0	48.844334	-86.932186	56173.42	56230.4	19.58	56193.00	56211.20313	56197.60463	56191.08984	504975.5	5410153.5
L4975.0	504975.5	5410152.4	27857.19922	388.97	0	48.844323	-86.932186	56172.01	56230.4	19.58	56191.59	56210.08984	56204.54122	56198.64844	504975.5	5410152.4
L4975.0	504975.6	5410150.7	27857.30078	389.39	0	48.844308	-86.932186	56171.14	56230.4	19.58	56190.72	56209.51953	56224.45587	56219.20313	504975.6	5410150.7
L4975.0	504975.6	5410150.7	27857.40039	389.34	0	48.844308	-86.932186	56169.70	56230.4	19.58	56189.28	56208.38281	56231.53833	56226.94531	504975.6	5410150.7
L4975.0	504975.5	5410149.0	27857.50000	386.52	0	48.844292	-86.932186	56167.97	56230.4	19.58	56187.55	56206.96484	56232.30127	56228.38281	504975.5	5410149.0
L4975.0	504975.5	5410149.0	27857.59961	389.65	0	48.844292	-86.932186	56166.61	56230.4	19.58	56186.19	56205.91797	56242.09375	56238.86328	504975.5	5410149.0
L4975.0	504975.5	5410147.6	27857.59961	389.65	0	48.844280	-86.932186	56164.71	56230.4	19.58	56184.29	56204.33984	56239.75604	56237.23047	504975.5	5410147.6
L4975.0	504975.5	5410146.2	27857.80078	390.54	0	48.844268	-86.932186	56162.44	56230.4	19.58	56182.02	56202.39453	56229.24257	56227.43750	504975.5	5410146.2
L4975.0	504975.5	5410144.6	27857.90039	392.01	0	48.844253	-86.932187	56160.18	56230.4	19.58	56179.76	56200.46094	56219.39101	56218.32422	504975.5	5410144.6
L4975.0	504975.4	5410143.0	27858.00000	392.80	0	48.844239	-86.932187	56158.57	56230.4	19.58	56178.15	56199.18750	56225.08494	56224.77344	504975.4	5410143.0
L4975.0	504975.4	5410143.0	27858.09961	392.08	0	48.844239	-86.932187	56156.87	56230.4	19.58	56176.45	56197.82422	56229.11737	56229.57031	504975.4	5410143.0
L4975.0	504975.4	5410141.7	27858.19922	392.78	0	48.844227	-86.932188	56154.80	56230.4	19.58	56174.38	56196.09766	56224.97805	56226.21484	504975.4	5410141.7
L4975.0	504975.4	5410139.6	27858.30078	392.24	0	48.844209	-86.932188	56152.99	56230.4	19.59	56172.58	56194.64844	56227.55019	56229.58594	504975.4	5410139.6
L4975.0	504975.4	5410139.6	27858.40039	392.44	0	48.844209	-86.932188	56150.96	56230.4	19.59	56170.55	56192.96875	56225.20742	56228.05859	504975.4	5410139.6
L4975.0	504975.4	5410138.3	27858.50000	391.96	0	48.844196	-86.932188	56148.80	56230.4	19.59	56168.39	56191.16406	56220.27560	56223.95313	504975.4	5410138.3
L4975.0	504975.4	5410136.7	27858.59961	392.27	0	48.844182	-86.932188	56146.04	56230.4	19.59	56165.63	56188.76563	56201.82568	56206.34375	504975.4	5410136.7
L4975.0	504975.4	5410136.7	27858.69922	393.23	0	48.844182	-86.932188	56143.78	56230.4	19.59	56163.38	56186.87891	56195.66974	56201.04688	504975.4	5410136.7
L4975.0	504975.5	5410134.6	27858.80078	391.04	0	48.844163	-86.932187	56141.42	56230.4	19.60	56161.01	56184.87891	56187.15784	56193.40625	504975.5	5410134.6
L4975.0	504975.5	5410134.6	27858.90039	390.29	0	48.844163	-86.932187	56139.29	56230.4	19.60	56158.88	56183.12109	56184.66129	56191.79297	504975.5	5410134.6
L4975.0	504975.5	5410133.2	27859.00000	388.73	0	48.844151	-86.932187	56137.19	56230.4	19.60	56156.79	56181.41016	56183.52905	56191.55859	504975.5	5410133.2
L4975.0	504975.5	5410131.5	27859.09961	387.70	0	48.844135	-86.932187	56135.27	56230.4	19.60	56154.87	56179.86719	56186.78372	56195.72266	504975.5	5410131.5
L4975.0	504975.5	5410130.0	27859.19922	389.84	0	48.844122	-86.932187	56133.04	56230.4	19.60	56152.64	56178.02344	56183.26281	56193.12500	504975.5	5410130.0
L4975.0	504975.5	5410130.0	27859.30078	393.30	0	48.844122	-86.932187	56131.22	56230.4	19.61	56150.82	56176.58984	56189.70841	56200.50781	504975.5	5410130.0
L4975.0	504975.5	5410128.5	27859.40039	391.65	0	48.844108	-86.932187	56128.84	56230.4	19.61	56148.45	56174.60938	56183.79581	56195.54688	504975.5	5410128.5
L4975.0	504975.5	5410126.8	27859.50000	391.55	0	48.844093	-86.932187	56126.57	56230.4	19.61	56146.18	56172.73438	56180.63895	56193.35156	504975.5	5410126.8
L4975.0	504975.5	5410125.6	27859.59961	392.63	0	48.844082	-86.932187	56123.84	56230.4	19.61	56143.45	56170.40234	56167.21432	56180.89844	504975.5	5410125.6
L4975.0	504975.5	5410125.6	27859.59961	392.63	0	48.844082	-86.932187	56121.48	56230.4	19.61	56141.09	56168.44141	56162.82119	56177.48828	504975.5	5410125.6
L4975.0	504975.5	5410124.2	27859.69922	393.44	0	48.844070	-86.932186	56119.18	56230.4	19.61	56138.79	56166.54297	56160.24912	56175.91016	504975.5	5410124.2
L4975.0	504975.5	5410124.2	27859.80078	393.45	0	48.844070	-86.932186	56116.68	56230.4	19.62	56136.29	56164.44922	56153.45019	56170.11719	504975.5	5410124.2
L4975.0	504975.5	5410122.7	27859.90039	393.75	0	48.844056	-86.932186	56114.78	56230.4	19.62	56134.40	56162.96875	56161.25794	56178.94531	504975.5	5410122.7
L4975.0	504975.5	5410121.3	27860.00000	392.04	0	48.844044	-86.932186	56112.58	56230.4	19.62	56132.20	56161.17969	56162.27640	56180.98828	504975.5	5410121.3
L4975.0	504975.5	5410119.8	27860.09961	391.12	0	48.844030	-86.932186	56110.66	56230.4	19.62	56130.28	56159.67188	56170.22279	56189.96875	504975.5	5410119.8
L4975.0	504975.5	5410119.8	27860.19922	389.78	0	48.844030	-86.932186	56107.37	56230.4	19.62	56126.99	56156.80078	56146.72528	56167.51563	504975.5	5410119.8
L4975.0	504975.5	5410118.2	27860.40039	391.05	0	48.844015	-86.932186	56104.84	56230.4	19.62	56124.46	56154.68750	56141.31169	56163.16016	504975.5	5410118.2
L4975.0	504975.5	5410118.2	27860.50000	392.12	0	48.844015	-86.932186	56102.20	56230.4	19.63	56121.83	56152.47656	56133.98031	56156.89063	504975.5	5410118.2
L4975.0	504975.5	5410116.7	27860.59961	393.03	0	48.844002	-86.932187	56100.03	56230.4	19.63	56119.66	56150.72656	56137.74975	56161.73047	504975.5	5410116.7
L4975.0	504975.5	5410115.1	27860.69922	390.28	0	48.843988	-86.932187	56097.53	56230.4	19.63	56117.15	56148.64063	56134.01300	56159.07031	504975.5	5410115.1
L4975.0	504975.5	5410113.5	27860.80078	387.07	0	48.843973	-86.932187	56094.52	56230.4	19.63	56114.15	56146.06641	56119.27782	56145.42188	504975.5	5410113.5
L4975.0	504975.5	5410113.5	27860.90039	387.83	0	48.843973	-86.932187	56092.22	56230.4	19.63	56111.85	56144.19141	56121.21201	56148.44922	504975.5	5410113.5
L4975.0	504975.5	5410112.0	27861.00000	388.23	0	48.843960	-86.932187	56088.77	56230.4	19.63	56108.40	56141.17188	56096.79104	56125.12891	504975.5	5410112.0
L4975.0	504975.5	5410110.5	27861.09961	388.23	0	48.843946	-86.932187	56086.80	56230.4	19.63	56106.42	56139.61719	56106.93524	56136.37500	504975.5	5410110.5
L4975.0	504975.5	5410110.5	27861.19922	390.28	0	48.843946	-86.932187	56084.45	56230.4	19.63	56104.08	56137.70703	56109.08459	56139.63672	504975.5	5410110.5
L4975.0	504975.4	5410108.9	27861.30078	390.99	0	48.843932	-86.932188	56081.87	56230.4	19.62	56101.49	56135.54688	56105.79139	56137.45703	504975.4	5410108.9
L4975.0	504975.4	5410107.2	27861.40039	389.81	0	48.843916	-86.932188	56078.51	56230.4	19.62	56098.13	56132.61719	56084.95763	56117.74219	504975.4	5410107.2
L4975.0	504975.4	5410107.2	27861.50000	390.92	0	48.843916	-86.932188	56075.85	56230.4	19.62	56095.47	56130.39063	56080.76035	56114.67188	504975.4	5410107.2
L4975.0	504975.4	5410105.6	27861.59961	391.71	0	48.843902	-86.932188	56073.39	56230.4	19.62	56093.01	56128.35938	56081.56595	56116.60156	504975.4	5410105.6
L4975.0	504975.4	5410104.3	27861.59961	391.71	0	48.843891	-86.932188	56070.72	56230.4	19.62	56090.34	56126.12109	56077.83337	56114.00000	504975.4	5410104.3
L4975.0	504975.4	5410104.3	27861.80078	391.55	0	48.843891	-86.932188	56068.06	56230.4	19.61	56087.67	56123.88281	56074.43863	56111.73828	504975.4	5410104.3
L4975.0	504975.4	5410102.7	27861.90039	394.63	0	48.843876	-86.932188	56065.05	56230.4	19.61	56084.66	56121.30469	56063.46774	56101.90234	504975.4	5410102.7
L4975.0	504975.4	5410101.0	27862.00000	394.70	0	48.843861	-86.932189	56062.97	56230.4	19.61	56082.58	56119.65625	56074.44518	56114.01563	504975.4	5410101.0
L4975.0	504975.4	5410101.0	27862.09961	393.42	0	48.843861	-86.932189	56059.89	56230.4	19.61	56079.50	56117.00781	56062.48246	56103.18750	504975.4	5410101.0
L4975.0	504975.4	5410099.5	27862.19922	393.39	0	48.843847	-86.932188	56056.98	56230.4	19.61	56076.59	56114.52344	56054.77792	56096.62109	504975.4	5410099.5
L4975.0	504975.4	5410098.1	27862.30078	391.33	0	48.843835	-86.932188	56053.99	56230.4	19.61	56073.60	56111.96484	56045.50895	56088.48828	504975.4	5410098.1
L4975.0	504975.4	5410098.1	27862.40039	389.92	0	48.843835	-86.932188	56051.34	56230.4	19.61	56070.95	56109.74219	56044.43268	56088.55078	504975.4	5410098.1
L4975.0	504975.4	5410096.5	27862.50000	393.75	0	48.843821	-86.932188	56048.66	56230.4	19.61	56068.27	56107.48828	56042.93522	56088.18750	504975.4	5410096.5
L4975.0	504975.4	5410094.8	27862.59961	393.05	0	48.843805	-86.932188	56046.03	56230.4	19.61	56065.64	56105.28125	56042.86660	56089.25391	504975.4	5410094.8
L4975.0	504975.4	5410094.8	27862.69922	392.45	0	48.843805	-86.932188	56043.70	56230.4	19.61	56063.31	56103.37500	56050.02957	56097.54297	504975.4	5410094.8
L4975.0	504975.4	5410093.7	27862.80078	391.61	0	48.843796	-86.932188	56041.34	56230.4	19.61	56060.95	56101.43750	56056.73924	56105.38281	504975.4	5410093.7
L4975.0	504975.5	5410092.4	27862.90039	391.37	0	48.843784	-86.932188	56038.79	56230.4	19.61	56058.40	56099.30469	56059.26344	56109.03125	504975.5	5410092.4
L4975.0	504975.5	5410092.4	27863.00000	393.26	0	48.843784	-86.932188	56036.24	56230.4	19.61	56055.85	56097.17188	56062.00850	56112.89844	504975.5	5410092.4
L4975.0	504975.5	5410091.1	27863.09961	390.93	0	48.843772	-86.932187	56033.06	56230.4	19.61	56052.66	56094.39844	56050.07955	56102.08594	504975.5	5410091.1
L4975.0	504975.5	5410089.6	27863.19922	389.91	0	48.843759	-86.932187	56029.86	56230.4	19.61	56049.47	56091.62109	56038.34637	56091.46094	504975.5	5410089.6
L4975.0	504975.5	5410088.3	27863.30078	390.45	0	48.843747	-86.932187	56026.83	56230.4	19.61	56046.44	56089.00000	56030.51640	56084.73438	504975.5	5410088.3
L4975.0	504975.5	5410088.3	27863.40039	389.34	0	48.843747	-86.932187	56023.99	56230.4	19.61	56043.60	56086.56641	56027.27367	56082.59375	504975.5	5410088.3
L4975.0	504975.5	5410086.8	27863.50000	388.77	0	48.843733	-86.932187	56021.37	56230.4	19.61	56040.97	56084.34375	56029.06926	56085.48047	504975.5	5410086.8
L4975.0	504975.6	5410085.4	27863.59961	390.14	0	48.843720	-86.932187	56018.58	56230.4	19.60	56038.18	56081.95313	56027.28478	56084.77734	504975.6	5410085.4
L4975.0	504975.6	5410085.4	27863.59961	390.14	0	48.843720	-86.932187	56016.31	56230.4	19.60	56035.91	56080.07813	56037.71805	56096.28516	504975.6	5410085.4
L4975.0	504975.6	5410082.7	27863.80078	389.29	0	48.843697	-86.932186	56012.34	56230.4	19.60	56031.94	56076.50391	56008.73005	56068.36719	504975.6	5410082.7
L4975.0	504975.6	5410082.7	27863.90039	389.98	0	48.843697	-86.932186	56009.48	56230.4	19.60	56029.08	56074.03516	56005.64869	56066.34375	504975.6	5410082.7
L4975.0	504975.6	5410081.1	27864.00000	388.63	0	48.843682	-86.932185	56005.86	56230.4	19.60	56025.46	56070.80078	55984.97300	56046.71875	504975.6	5410081.1
L4975.0	504975.7	5410079.6	27864.09961	389.43	0	48.843669	-86.932185	56003.18	56230.4	19.60	56022.78	56068.50391	55986.21817	56049.00000	504975.7	5410079.6
L4975.0	504975.7	5410079.6	27864.19922	390.84	0	48.843669	-86.932185	55999.69	56230.4	19.60	56019.29	56065.39063	55968.67289	56032.48047	504975.7	5410079.6

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4975.0	504975.7	5410078.3	27864.30078	391.18	0	48.843656	-86.932185	55996.86	56230.4	19.60	56016.45	56062.92578	55966.27060	56031.09375	504975.7	5410078.3
L4975.0	504975.7	5410076.8	27864.40039	390.89	0	48.843644	-86.932184	55994.05	56230.4	19.60	56013.64	56060.48438	55964.57613	56030.40234	504975.7	5410076.8
L4975.0	504975.7	5410075.6	27864.50000	391.57	0	48.843632	-86.932184	55990.48	56230.4	19.60	56010.07	56057.27734	55945.20076	56012.01953	504975.7	5410075.6
L4975.0	504975.7	5410075.6	27864.59961	391.08	0	48.843632	-86.932184	55987.93	56230.4	19.59	56007.52	56055.08594	55949.51801	56017.31641	504975.7	5410075.6
L4975.0	504975.7	5410074.0	27864.69922	388.34	0	48.843618	-86.932184	55983.55	56230.4	19.59	56003.14	56051.06250	55911.23526	55979.99609	504975.7	5410074.0
L4975.0	504975.7	5410072.5	27864.80078	388.26	0	48.843604	-86.932184	55981.45	56230.4	19.59	56001.04	56049.31250	55925.90699	55995.61719	504975.7	5410072.5
L4975.0	504975.8	5410071.1	27864.90039	389.41	0	48.843592	-86.932184	55977.93	56230.4	19.59	55997.53	56046.14453	55907.70651	55978.35156	504975.8	5410071.1
L4975.0	504975.8	5410071.1	27865.00000	390.52	0	48.843592	-86.932184	55975.63	56230.4	19.59	55995.22	56044.17188	55917.30665	55988.87500	504975.8	5410071.1
L4975.0	504975.8	5410069.5	27865.09961	391.06	0	48.843578	-86.932184	55972.12	56230.4	19.59	55991.71	56040.99609	55898.87764	55971.34766	504975.8	5410069.5
L4975.0	504975.8	5410067.5	27865.19922	390.63	0	48.843560	-86.932184	55969.79	56230.4	19.58	55989.37	56038.98438	55907.51068	55980.87109	504975.8	5410067.5
L4975.0	504975.8	5410067.5	27865.30078	393.99	0	48.843560	-86.932184	55966.10	56230.4	19.58	55985.68	56035.61328	55884.58485	55958.81641	504975.8	5410067.5
L4975.0	504975.8	5410066.3	27865.40039	392.70	0	48.843549	-86.932184	55962.84	56230.4	19.58	55982.41	56032.66016	55871.23835	55946.32422	504975.8	5410066.3
L4975.0	504975.8	5410065.0	27865.50000	392.66	0	48.843537	-86.932184	55959.75	56230.4	19.57	55979.32	56029.87891	55861.86866	55937.78906	504975.8	5410065.0
L4975.0	504975.8	5410065.0	27865.59961	392.07	0	48.843537	-86.932184	55956.06	56230.4	19.57	55975.63	56026.48828	55838.31584	55915.05469	504975.8	5410065.0
L4975.0	504975.8	5410063.6	27865.59961	392.07	0	48.843524	-86.932184	55954.11	56230.4	19.57	55973.68	56024.83594	55854.97197	55932.50781	504975.8	5410063.6
L4975.0	504975.7	5410061.6	27865.80078	389.60	0	48.843506	-86.932184	55951.02	56230.4	19.57	55970.59	56022.03516	55844.84330	55923.16016	504975.7	5410061.6
L4975.0	504975.7	5410060.3	27865.90039	388.11	0	48.843495	-86.932184	55948.59	56230.4	19.56	55968.15	56019.87891	55849.53176	55928.60938	504975.7	5410060.3
L4975.0	504975.7	5410060.3	27866.00000	386.84	0	48.843495	-86.932184	55944.52	56230.4	19.56	55964.08	56016.08203	55815.99551	55895.81641	504975.7	5410060.3
L4975.0	504975.7	5410058.5	27866.09961	392.95	0	48.843478	-86.932185	55941.56	56230.4	19.56	55961.12	56013.39063	55807.92728	55888.46875	504975.7	5410058.5
L4975.0	504975.7	5410057.1	27866.19922	393.68	0	48.843466	-86.932185	55938.25	56230.4	19.56	55957.80	56010.33203	55791.12052	55872.35938	504975.7	5410057.1
L4975.0	504975.7	5410057.1	27866.30078	390.40	0	48.843466	-86.932185	55935.82	56230.4	19.55	55955.37	56008.15625	55794.61925	55876.53516	504975.7	5410057.1
L4975.0	504975.7	5410055.5	27866.40039	389.94	0	48.843451	-86.932185	55933.57	56230.4	19.55	55953.12	56006.15234	55801.88958	55884.46094	504975.7	5410055.5
L4975.0	504975.7	5410054.3	27866.50000	391.08	0	48.843441	-86.932185	55930.78	56230.4	19.55	55950.33	56003.60156	55796.16496	55879.37109	504975.7	5410054.3
L4975.0	504975.7	5410054.3	27866.59961	389.79	0	48.843441	-86.932185	55928.25	56230.5	19.55	55947.80	56001.30469	55796.02473	55879.84375	504975.7	5410054.3
L4975.0	504975.7	5410052.6	27866.69922	389.75	0	48.843425	-86.932185	55924.59	56230.5	19.55	55944.13	55997.85547	55768.88946	55853.29688	504975.7	5410052.6
L4975.0	504975.7	5410051.3	27866.80078	390.95	0	48.843414	-86.932185	55922.44	56230.5	19.54	55941.98	55995.92188	55776.59064	55861.56250	504975.7	5410051.3
L4975.0	504975.7	5410050.0	27866.90039	390.03	0	48.843402	-86.932184	55919.58	56230.5	19.54	55939.12	55993.26953	55767.24796	55852.76563	504975.7	5410050.0
L4975.0	504975.7	5410050.0	27867.00000	389.86	0	48.843402	-86.932184	55917.61	56230.5	19.54	55937.15	55991.50000	55778.04366	55864.07813	504975.7	5410050.0
L4975.0	504975.8	5410048.2	27867.09961	391.92	0	48.843386	-86.932184	55914.88	56230.5	19.54	55934.41	55988.95313	55770.35214	55856.88281	504975.8	5410048.2
L4975.0	504975.8	5410048.2	27867.19922	389.40	0	48.843386	-86.932184	55912.14	56230.5	19.53	55931.68	55986.40625	55762.28742	55849.28516	504975.8	5410048.2
L4975.0	504975.8	5410046.2	27867.30078	388.38	0	48.843368	-86.932183	55909.23	56230.5	19.53	55928.76	55983.66406	55749.17472	55836.61719	504975.8	5410046.2
L4975.0	504975.8	5410044.9	27867.40039	391.13	0	48.843356	-86.932183	55905.99	56230.5	19.52	55925.52	55980.58984	55727.96708	55815.83203	504975.8	5410044.9
L4975.0	504975.8	5410044.9	27867.50000	391.06	0	48.843356	-86.932183	55903.34	56230.5	19.52	55922.86	55978.08984	55719.56922	55807.83203	504975.8	5410044.9
L4975.0	504975.9	5410043.4	27867.59961	389.92	0	48.843343	-86.932182	55900.28	56230.5	19.52	55919.79	55975.16797	55700.93600	55789.57031	504975.9	5410043.4
L4975.0	504975.9	5410043.4	27867.59961	389.92	0	48.843343	-86.932182	55898.31	56230.5	19.52	55917.83	55973.35156	55707.38983	55796.36719	504975.9	5410043.4
L4975.0	504975.9	5410042.1	27867.80078	392.41	0	48.843331	-86.932182	55895.93	56230.5	19.51	55915.43	55971.08594	55702.86367	55792.16016	504975.9	5410042.1
L4975.0	504975.9	5410041.0	27867.90039	393.29	0	48.843321	-86.932182	55894.08	56230.5	19.50	55913.58	55969.35938	55710.35569	55799.94531	504975.9	5410041.0
L4975.0	504976.0	5410039.4	27868.00000	392.41	0	48.843307	-86.932181	55891.25	56230.5	19.50	55910.75	55966.64844	55694.26434	55784.12500	504976.0	5410039.4
L4975.0	504976.0	5410037.8	27868.09961	394.41	0	48.843292	-86.932181	55889.15	56230.5	19.50	55908.65	55964.65625	55694.33109	55784.43359	504976.0	5410037.8
L4975.0	504976.1	5410036.4	27868.19922	392.79	0	48.843279	-86.932180	55886.34	56230.5	19.50	55905.84	55961.94141	55677.04774	55767.36328	504976.1	5410036.4
L4975.0	504976.1	5410036.4	27868.30078	389.78	0	48.843279	-86.932180	55883.96	56230.5	19.49	55903.46	55959.65234	55668.90157	55759.40625	504976.1	5410036.4
L4975.0	504976.1	5410035.1	27868.40039	390.62	0	48.843268	-86.932180	55881.79	56230.5	19.49	55901.28	55957.55469	55664.52228	55755.19141	504976.1	5410035.1
L4975.0	504976.1	5410034.0	27868.50000	392.42	0	48.843258	-86.932179	55879.59	56230.5	19.49	55899.08	55955.42969	55658.77243	55749.57813	504976.1	5410034.0
L4975.0	504976.1	5410034.0	27868.59961	392.88	0	48.843258	-86.932179	55877.87	56230.5	19.49	55897.36	55953.77344	55663.25781	55754.17578	504976.1	5410034.0
L4975.0	504976.2	5410031.6	27868.69922	391.92	0	48.843237	-86.932179	55875.59	56230.5	19.49	55895.07	55951.53516	55653.54098	55744.53906	504976.2	5410031.6
L4975.0	504976.2	5410030.4	27868.80078	391.12	0	48.843226	-86.932178	55873.97	56230.5	19.48	55893.46	55949.97266	55658.66899	55749.72656	504976.2	5410030.4
L4975.0	504976.2	5410030.4	27868.90039	389.18	0	48.843226	-86.932178	55871.42	56230.5	19.48	55890.90	55947.44922	55640.71796	55731.80469	504976.2	5410030.4
L4975.0	504976.2	5410029.1	27869.00000	387.86	0	48.843214	-86.932178	55870.03	56230.5	19.48	55889.51	55946.08984	55648.96680	55740.05859	504976.2	5410029.1
L4975.0	504976.2	5410029.1	27869.09961	391.41	0	48.843214	-86.932178	55868.31	56230.5	19.48	55887.78	55944.37891	55648.28306	55739.35547	504976.2	5410029.1
L4975.0	504976.2	5410027.4	27869.19922	390.98	0	48.843199	-86.932178	55866.31	56230.5	19.47	55885.78	55942.39063	55640.27605	55731.30078	504976.2	5410027.4
L4975.0	504976.3	5410025.9	27869.30078	390.70	0	48.843186	-86.932177	55864.41	56230.5	19.47	55883.87	55940.48047	55633.29927	55724.24609	504976.3	5410025.9
L4975.0	504976.3	5410025.9	27869.40039	391.84	0	48.843186	-86.932177	55861.30	56230.5	19.46	55880.76	55937.36719	55597.33776	55688.18750	504976.3	5410025.9
L4975.0	504976.3	5410024.2	27869.50000	392.67	0	48.843170	-86.932177	55859.91	56230.5	19.46	55879.36	55935.94922	55600.04372	55690.76563	504976.3	5410024.2
L4975.0	504976.3	5410022.8	27869.59961	393.40	0	48.843157	-86.932177	55857.76	56230.5	19.45	55877.21	55933.77734	55584.19626	55674.76953	504976.3	5410022.8
L4975.0	504976.3	5410021.5	27869.59961	393.40	0	48.843145	-86.932176	55856.92	56230.5	19.45	55876.37	55932.90234	55597.68296	55688.07813	504976.3	5410021.5
L4975.0	504976.4	5410020.0	27869.80078	393.64	0	48.843132	-86.932176	55854.42	56230.6	19.44	55873.86	55930.35156	55571.19216	55661.38281	504976.4	5410020.0
L4975.0	504976.4	5410020.0	27869.90039	393.02	0	48.843132	-86.932176	55853.26	56230.6	19.43	55872.69	55929.13281	55574.70398	55664.66797	504976.4	5410020.0
L4975.0	504976.4	5410018.3	27870.00000	393.44	0	48.843117	-86.932176	55851.11	56230.6	19.43	55870.54	55926.92578	55554.25574	55643.96484	504976.4	5410018.3
L4975.0	504976.4	5410016.8	27870.09961	392.65	0	48.843104	-86.932176	55849.71	56230.6	19.42	55869.14	55925.45703	55550.06389	55639.49609	504976.4	5410016.8
L4975.0	504976.4	5410016.8	27870.19922	394.01	0	48.843104	-86.932176	55848.45	56230.6	19.42	55867.86	55924.10156	55547.46633	55636.59375	504976.4	5410016.8
L4975.0	504976.4	5410015.2	27870.30078	393.76	0	48.843089	-86.932176	55846.78	56230.6	19.41	55866.19	55922.34766	55534.59216	55623.39063	504976.4	5410015.2
L4975.0	504976.4	5410013.9	27870.40039	393.94	0	48.843077	-86.932176	55846.25	56230.6	19.40	55865.65	55921.71484	55546.77675	55635.22656	504976.4	5410013.9
L4975.0	504976.4	5410012.8	27870.50000	391.21	0	48.843067	-86.932176	55844.58	56230.6	19.40	55863.97	55919.93750	55531.22376	55619.30078	504976.4	5410012.8
L4975.0	504976.4	5410012.8	27870.59961	390.57	0	48.843067	-86.932176	55844.66	56230.6	19.39	55864.05	55919.90625	55555.36058	55643.03906	504976.4	5410012.8
L4975.0	504976.4	5410011.2	27870.69922	393.17	0	48.843053	-86.932176	55843.70	56230.6	19.38	55863.08	55918.82031	55553.83532	55641.08984	504976.4	5410011.2
L4975.0	504976.4	5410011.2	27870.80078	394.41	0	48.843053	-86.932176	55844.05	56230.6	19.37	55863.43	55919.04688	55581.75237	55668.56250	504976.4	5410011.2
L4975.0	504976.4	5410009.4	27870.90039	393.71	0	48.843036	-86.932176	55842.98	56230.6	19.37	55862.35	55917.83594	55575.15674	55661.50000	504976.4	5410009.4
L4975.0	504976.4	5410007.8	27871.00000	395.33	0	48.843022	-86.932176	55842.18	56230.6	19.36	55861.54	55916.88281	55573.57430	55659.42969	504976.4	5410007.8
L4975.0	504976.4	5410007.8	27871.09961	395.39	0	48.843022	-86.932176	55841.46	56230.6	19.36	55860.82	55916.01563	55572.81439	55658.16016	504976.4	5410007.8
L4975.0	504976.4	5410006.4	27871.19922	394.89	0	48.843010	-86.932176	55840.05	56230.6	19.36	55859.41	55914.44922	55554.73479	55639.54688	504976.4	5410006.4
L4975.0	504976.4	5410004.9	27871.30078	391.34	0	48.842996	-86.932176	55839.39	56230.6	19.35	55858.75	55913.62891	55552.81792	55637.07422	504976.4	5410004.9
L4975.0	504976.4	5410003.7	27871.40039	390.00	0	48.842986	-86.932175	55838.31	56230.6	19.35	55857.66	55912.36719	55539.62173	55623.30859	504976.4	5410003.7
L4975.0	504976.4	5410003.7	27871.50000	390.00	0	48.842986	-86.932175	55838.31	56230.7	19.35	55857.65	55912.17969	55550.25813	55633.35156	504976.4	5410003.7
L4975.0	504976.5	5410001.7	27871.59961	389.74	0	48.842967	-86.932175	55837.80	56230.7	19.35	55857.14	55911.48438	55547.98522	55630.46484	504976.5	5410001.7
L4975.0	504976.5	5410001.7	27871.59961	389.74	0	48.842967	-86.932175	55838.26	56230.7	19.35	55857.61	55911.76563	55567.21907	55649.06641	504976.5	5410001.7
L4975.0	504976.5	5410000.1	27871.80078	392.10	0	48.842953	-86.932175	55837.95	56230.7	19.34	55857.29	55911.24609	55566.80127	55647.99609	504976.5	5410000.1
L4975.0	504976.5	5410000.1	27871.90039	391.74	0	48.842953	-86.932175	55838.20	56230.7	19.34	55857.54	55911.29297	55578.35916	55658.88281	504976.5	5410000.1
L4975.0	504976.5	5409998.2	27872.00000	391.79	0	48.842937	-86.932174	55837.12	56230.7	19.34	55856.46	55910.00000	55557.71310	55637.55078	504976.5	5409998.2
L4975.0	504976.5	5409996.7	27872.09961	392.02	0	48.842922	-86.932174	55836.46	56230.7	19.34	55855.79	55909.11328	55545.32866	55624.46484	504976.5	5409996.7
L4975.0	504976.5	5409995.5	27872.19922	392.32	0	48.842912	-86.932174	55835.70	56230.7	19.33	55855.04	55908.13672	55529.81600	55608.23047	504976.5	5409995.5
L4975.0	504976.6	5409994.2	27872.30078	390.94	0	48.842900	-86.932174	55835.07	56230.7	19.33	55854.40	55907.26563	55515.59885	55593.27344	504976.6	5409994.2
L4975.0	504976.6	5409994.2	27872.40039	390.84	0	48.842900	-86.932174	55835.52	56230.7	19.33	55854.85	55907.48047	55525.47240	55602.39844	504976.6	5409994.2
L4975.0	504976.6	5409994.2	27872.50000	389.58	0	48.842900	-86.932174	55836.31	56230.7	19.32	55855.63	55908.01953	55541.77083	55617.92969	504976.6	5409994.2
L4975.0	504976.6	5409992.6	27872.59961	389.29	0	48.842886	-86.932174	55836.91	56230.7	19.32	55856.24	55908.37891	55552.87520	55628.25000	504976.6	5409992.6
L4975.0	504976.6	5409991.0	27872.69922	388.80	0	48.842872	-86.932173	55837.37	56230.7	19.32	55856.69	55908.57813	55559.02695	55633.60547	504976.6	5409991.0
L4975.0	504976.6	5409989.7	27872.80078	394.48	0	48.842860	-86.932173	55837.70	56230.7	19.32	55857.02	55908.64844	55561.16593	55634.93359	504976.6	5409989.7
L4975.0	504976.6	5409988.3	27872.90039	393.47	0	48.842847	-86.932173	55838.13	56230.7	19.31	55857.44	55908.80469	55564.18601	55637.13281	504976.6	5409988.3
L4975.0	504976.6	5409986.7	27873.00000	389.71	0	48.842833	-86.932173	55838.43	56230.7	19.31	55857.74	55908.83594	55563.21520	55635.33203	504976.6	5409986.7
L4975.0	504976.6	5409986.7	27873.09961	389.46	0	48.842833	-86.932173	55839.22	56230.7	19.30	55858.52	55909.34375	55572.21803	55643.48828	504976.6	5409986.7
L4975.0	504976.6	5409985.6	27873.19922	388.68	0	48.842823	-86.932173	55839.50	56230.7	19.30	55858.79	55909.33594	55568.18601	55638.59766	504976.6	5409985.6
L4975.0	504976.6	5409984.1	27873.30078	390.04	0	48.842809	-86.932173	55839.90	56230.7	19.29	55859.19	55909.45313	55566.01536	55635.56250	504976.6	5409984.1
L4975.0	504976.6	5409982.4	27873.40039	389.38	0	48.842794	-86.932173	55840.23	56230.7	19.28	55859.51	55909.48438	55560.83721	55629.50781	504976.6	5409982.4
L4975.0	504976.6	5409982.4	27873.50000	389.28	0	48.842794	-86.932173	55841.55	56230.7	19.27	55860.82	55910.50391	55577.54848	55645.33594	504976.6	5409982.4

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4975.0	504976.6	5409981.1	27873.59961	393.22	0	48.842782	-86.932173	55842.02	56230.7	19.27	55861.29	55910.67969	55573.61036	55640.50391	504976.6	5409981.1
L4975.0	504976.6	5409979.6	27873.59961	393.22	0	48.842769	-86.932173	55842.91	56230.7	19.27	55862.18	55911.27344	55578.33943	55644.32813	504976.6	5409979.6
L4975.0	504976.6	5409978.1	27873.80078	391.56	0	48.842756	-86.932173	55844.00	56230.7	19.25	55863.25	55912.04297	55586.17205	55651.25391	504976.6	5409978.1
L4975.0	504976.6	5409978.1	27873.90039	390.72	0	48.842756	-86.932173	55844.93	56230.8	19.25	55864.18	55912.66797	55589.68491	55653.85156	504976.6	5409978.1
L4975.0	504976.6	5409976.4	27874.00000	391.74	0	48.842740	-86.932173	55845.84	56230.8	19.24	55865.08	55913.25781	55591.45455	55654.69922	504976.6	5409976.4
L4975.0	504976.7	5409975.2	27874.09961	390.68	0	48.842729	-86.932173	55846.42	56230.8	19.24	55865.66	55913.53125	55584.75657	55647.07422	504976.7	5409975.2
L4975.0	504976.7	5409973.9	27874.19922	389.26	0	48.842718	-86.932172	55847.44	56230.8	19.23	55866.67	55914.22656	55587.05123	55648.43750	504976.7	5409973.9
L4975.0	504976.7	5409973.9	27874.30078	392.99	0	48.842718	-86.932172	55848.65	56230.8	19.23	55867.88	55915.12109	55593.01054	55653.46094	504976.7	5409973.9
L4975.0	504976.7	5409972.3	27874.40039	393.88	0	48.842703	-86.932172	55850.17	56230.8	19.23	55869.40	55916.32422	55605.21338	55664.72656	504976.7	5409972.3
L4975.0	504976.7	5409972.3	27874.50000	391.94	0	48.842703	-86.932172	55851.54	56230.8	19.22	55870.76	55917.36719	55612.75189	55671.32813	504976.7	5409972.3
L4975.0	504976.7	5409970.8	27874.59961	391.64	0	48.842690	-86.932172	55853.21	56230.8	19.22	55872.43	55918.71484	55626.57740	55684.20703	504976.7	5409970.8
L4975.0	504976.8	5409969.4	27874.69922	391.81	0	48.842677	-86.932171	55855.00	56230.8	19.22	55874.21	55920.17578	55642.06159	55698.74609	504976.8	5409969.4
L4975.0	504976.8	5409969.4	27874.80078	393.09	0	48.842677	-86.932171	55856.24	56230.8	19.22	55875.46	55921.10156	55644.34486	55700.08594	504976.8	5409969.4
L4975.0	504976.8	5409967.7	27874.90039	393.67	0	48.842661	-86.932171	55857.84	56230.8	19.21	55877.05	55922.36719	55653.68148	55708.47656	504976.8	5409967.7
L4975.0	504976.8	5409966.4	27875.00000	393.82	0	48.842650	-86.932171	55859.00	56230.8	19.21	55878.21	55923.20313	55652.18968	55706.03906	504976.8	5409966.4
L4975.0	504976.8	5409965.0	27875.09961	392.69	0	48.842638	-86.932170	55860.21	56230.8	19.21	55879.42	55924.08984	55651.05546	55703.96094	504976.8	5409965.0
L4975.0	504976.8	5409965.0	27875.19922	391.86	0	48.842638	-86.932170	55861.60	56230.8	19.20	55880.80	55925.14453	55653.09376	55705.05469	504976.8	5409965.0
L4975.0	504976.8	5409963.4	27875.30078	391.81	0	48.842623	-86.932170	55863.83	56230.8	19.19	55883.03	55927.05078	55674.14207	55725.16406	504976.8	5409963.4
L4975.0	504976.8	5409963.4	27875.40039	392.68	0	48.842623	-86.932170	55865.35	56230.8	19.19	55884.54	55928.23828	55677.71678	55727.80078	504976.8	5409963.4
L4975.0	504976.9	5409960.6	27875.50000	391.32	0	48.842598	-86.932170	55867.72	56230.8	19.18	55886.90	55930.27344	55700.35192	55749.50391	504976.9	5409960.6
L4975.0	504976.9	5409960.6	27875.59961	391.95	0	48.842598	-86.932170	55869.29	56230.8	19.18	55888.47	55931.52344	55703.93661	55752.15625	504976.9	5409960.6
L4975.0	504976.9	5409959.0	27875.59961	391.95	0	48.842584	-86.932170	55871.14	56230.8	19.18	55890.32	55933.05078	55713.37837	55760.67188	504976.9	5409959.0
L4975.0	504976.9	5409957.5	27875.80078	393.35	0	48.842570	-86.932169	55872.61	56230.8	19.17	55891.78	55934.19141	55713.12304	55759.49609	504976.9	5409957.5
L4975.0	504976.9	5409957.5	27875.90039	392.69	0	48.842570	-86.932169	55874.27	56230.8	19.17	55893.44	55935.53516	55716.91657	55762.37500	504976.9	5409957.5
L4975.0	504976.9	5409955.6	27876.00000	394.22	0	48.842553	-86.932169	55876.38	56230.8	19.16	55895.54	55937.32031	55730.36618	55774.91797	504976.9	5409955.6
L4975.0	504977.0	5409954.3	27876.09961	391.16	0	48.842541	-86.932169	55877.99	56230.8	19.16	55897.15	55938.61328	55731.87205	55775.52344	504977.0	5409954.3
L4975.0	504977.0	5409954.3	27876.19922	389.93	0	48.842541	-86.932169	55880.47	56230.8	19.15	55899.63	55940.78516	55753.08598	55795.83984	504977.0	5409954.3
L4975.0	504977.0	5409952.7	27876.30078	389.92	0	48.842527	-86.932169	55881.89	56230.8	19.15	55901.04	55941.88672	55748.92179	55790.78906	504977.0	5409952.7
L4975.0	504977.0	5409951.0	27876.40039	392.33	0	48.842512	-86.932169	55884.44	56230.9	19.15	55903.59	55944.12891	55770.79719	55811.78906	504977.0	5409951.0
L4975.0	504977.0	5409951.0	27876.50000	391.72	0	48.842512	-86.932169	55885.94	56230.9	19.14	55905.08	55945.31641	55767.57999	55807.70313	504977.0	5409951.0
L4975.0	504977.0	5409949.6	27876.59961	390.76	0	48.842499	-86.932169	55887.86	56230.9	19.14	55907.00	55946.93750	55773.94501	55813.20703	504977.0	5409949.6
L4975.0	504977.0	5409948.3	27876.69922	390.23	0	48.842487	-86.932169	55889.38	56230.9	19.14	55908.51	55948.15234	55770.38532	55808.79688	504977.0	5409948.3
L4975.0	504977.0	5409946.7	27876.80078	389.91	0	48.842473	-86.932169	55891.20	56230.9	19.14	55910.33	55949.67969	55773.67006	55811.23828	504977.0	5409946.7
L4975.0	504977.0	5409946.7	27876.90039	392.05	0	48.842473	-86.932169	55892.96	56230.9	19.13	55912.10	55951.16406	55775.45400	55812.19531	504977.0	5409946.7
L4975.0	504977.0	5409945.1	27877.00000	393.94	0	48.842458	-86.932169	55894.62	56230.9	19.13	55913.75	55952.53125	55774.13542	55810.05859	504977.0	5409945.1
L4975.0	504977.0	5409943.5	27877.09961	392.95	0	48.842444	-86.932169	55897.12	56230.9	19.13	55916.25	55954.75000	55792.29652	55827.41016	504977.0	5409943.5
L4975.0	504977.0	5409943.5	27877.19922	393.48	0	48.842444	-86.932169	55899.19	56230.9	19.12	55918.31	55956.53516	55799.96542	55834.28516	504977.0	5409943.5
L4975.0	504977.0	5409941.4	27877.30078	393.39	0	48.842425	-86.932169	55901.88	56230.9	19.12	55920.99	55958.94531	55821.81680	55855.35156	504977.0	5409941.4
L4975.0	504977.0	5409940.1	27877.40039	391.85	0	48.842413	-86.932169	55903.36	56230.9	19.11	55922.48	55960.17188	55815.78628	55848.55078	504977.0	5409940.1
L4975.0	504977.0	5409940.1	27877.50000	391.06	0	48.842413	-86.932169	55905.36	56230.9	19.11	55924.47	55961.90234	55821.19804	55853.20313	504977.0	5409940.1
L4975.0	504977.0	5409938.6	27877.59961	392.92	0	48.842400	-86.932169	55907.56	56230.9	19.11	55926.67	55963.84766	55831.33317	55862.59375	504977.0	5409938.6
L4975.0	504976.9	5409937.4	27877.59961	392.92	0	48.842389	-86.932170	55909.96	56230.9	19.11	55929.07	55966.00000	55845.98357	55876.50781	504976.9	5409937.4
L4975.0	504976.9	5409935.8	27877.80078	391.74	0	48.842375	-86.932170	55911.82	56230.9	19.10	55930.91	55967.59375	55847.50038	55877.30469	504976.9	5409935.8
L4975.0	504976.9	5409935.8	27877.90039	391.77	0	48.842375	-86.932170	55913.54	56230.9	19.09	55932.63	55969.07813	55846.13912	55875.23828	504976.9	5409935.8
L4975.0	504976.9	5409933.8	27878.00000	391.18	0	48.842357	-86.932170	55915.78	56230.9	19.09	55934.87	55971.08203	55856.80575	55885.21484	504976.9	5409933.8
L4975.0	504976.9	5409933.8	27878.09961	391.03	0	48.842357	-86.932170	55917.48	56230.9	19.09	55936.56	55972.54688	55854.64164	55882.37500	504976.9	5409933.8
L4975.0	504976.8	5409931.2	27878.19922	393.28	0	48.842333	-86.932171	55919.70	56230.9	19.09	55938.79	55974.55469	55865.01626	55892.08203	504976.8	5409931.2
L4975.0	504976.8	5409931.2	27878.30078	394.07	0	48.842333	-86.932171	55921.66	56230.9	19.08	55940.74	55976.29297	55868.88366	55895.30078	504976.8	5409931.2
L4975.0	504976.8	5409929.6	27878.40039	391.91	0	48.842319	-86.932171	55923.95	56230.9	19.08	55943.03	55978.37109	55880.68314	55906.46875	504976.8	5409929.6
L4975.0	504976.8	5409929.6	27878.50000	392.72	0	48.842319	-86.932171	55925.47	56230.9	19.08	55944.55	55979.69141	55874.62426	55899.78906	504976.8	5409929.6
L4975.0	504976.8	5409928.0	27878.59961	392.50	0	48.842305	-86.932172	55927.57	56230.9	19.08	55946.65	55981.59375	55882.12082	55906.67969	504976.8	5409928.0
L4975.0	504976.8	5409928.0	27878.69922	392.38	0	48.842305	-86.932172	55929.70	56230.9	19.08	55948.78	55983.53125	55890.40367	55914.37109	504976.8	5409928.0
L4975.0	504976.7	5409924.9	27878.80078	391.24	0	48.842277	-86.932172	55931.67	56230.9	19.07	55950.74	55985.30859	55894.84207	55918.23438	504976.7	5409924.9
L4975.0	504976.7	5409924.9	27878.90039	390.71	0	48.842277	-86.932172	55933.74	56230.9	19.07	55952.81	55987.19922	55901.96670	55924.79688	504976.7	5409924.9
L4975.0	504976.7	5409923.2	27879.00000	388.47	0	48.842261	-86.932173	55935.56	56230.9	19.07	55954.63	55988.84766	55903.42520	55925.71094	504976.7	5409923.2
L4975.0	504976.7	5409923.2	27879.09961	387.52	0	48.842261	-86.932173	55937.62	56230.9	19.07	55956.68	55990.73047	55910.39803	55932.15234	504976.7	5409923.2
L4975.0	504976.7	5409921.6	27879.19922	390.24	0	48.842247	-86.932173	55939.48	56230.9	19.06	55958.54	55992.42969	55913.13659	55934.37109	504976.7	5409921.6
L4975.0	504976.7	5409919.9	27879.30078	391.80	0	48.842232	-86.932173	55941.58	56230.9	19.06	55960.64	55994.37891	55921.65761	55942.39063	504976.7	5409919.9
L4975.0	504976.7	5409919.9	27879.40039	392.36	0	48.842232	-86.932173	55943.33	56230.9	19.06	55962.39	55995.98047	55922.25827	55942.50391	504976.7	5409919.9
L4975.0	504976.7	5409918.2	27879.50000	393.99	0	48.842216	-86.932173	55945.31	56230.9	19.06	55964.36	55997.80859	55928.20979	55947.98438	504976.7	5409918.2
L4975.0	504976.6	5409916.8	27879.59961	394.56	0	48.842204	-86.932174	55947.15	56230.9	19.05	55966.20	55999.51172	55931.38922	55950.70313	504976.6	5409916.8
L4975.0	504976.6	5409915.4	27879.69922	394.56	0	48.842191	-86.932174	55949.45	56231	19.05	55968.50	56001.67969	55945.53177	55964.39844	504976.6	5409915.4
L4975.0	504976.6	5409915.4	27879.80078	394.47	0	48.842191	-86.932174	55951.63	56231	19.05	55970.68	56003.73828	55957.16499	55975.59766	504976.6	5409915.4
L4975.0	504976.6	5409913.7	27879.90039	392.36	0	48.842176	-86.932174	55953.73	56231	19.04	55972.77	56005.70703	55967.00080	55985.01563	504976.6	5409913.7
L4975.0	504976.6	5409912.1	27880.00000	391.56	0	48.842162	-86.932174	55955.55	56231	19.04	55974.59	56007.41406	55970.86721	55988.48047	504976.6	5409912.1
L4975.0	504976.6	5409912.1	27880.09961	392.36	0	48.842162	-86.932174	55956.61	56231	19.04	55975.65	56008.36719	55957.38297	55974.60547	504976.6	5409912.1
L4975.0	504976.6	5409910.2	27880.19922	393.62	0	48.842145	-86.932174	55958.86	56231	19.03	55977.89	56010.50391	55971.67335	55988.51563	504976.6	5409910.2
L4975.0	504976.6	5409908.8	27880.30078	391.57	0	48.842132	-86.932174	55960.23	56231	19.03	55979.25	56011.76563	55965.84729	55982.32422	504976.6	5409908.8
L4975.0	504976.6	5409908.8	27880.40039	391.99	0	48.842132	-86.932174	55962.28	56231	19.02	55981.30	56013.71875	55976.42500	55992.55078	504976.6	5409908.8
L4975.0	504976.6	5409907.4	27880.50000	393.93	0	48.842119	-86.932175	55964.10	56231	19.02	55983.12	56015.45313	55982.02379	55997.81250	504976.6	5409907.4
L4975.0	504976.6	5409906.0	27880.59961	395.57	0	48.842107	-86.932175	55966.17	56231	19.02	55985.19	56017.43750	55993.81596	56009.27734	504976.6	5409906.0
L4975.0	504976.6	5409906.0	27880.69922	392.82	0	48.842107	-86.932175	55967.62	56231	19.01	55986.63	56018.79688	55991.34790	56006.48828	504976.6	5409906.0
L4975.0	504976.6	5409904.1	27880.80078	392.55	0	48.842090	-86.932175	55969.06	56231	19.01	55988.06	56020.14844	55989.04634	56003.88281	504976.6	5409904.1
L4975.0	504976.6	5409902.8	27880.90039	392.07	0	48.842078	-86.932175	55970.83	56231	19.00	55989.83	56021.84766	55995.05893	56009.60156	504976.6	5409902.8
L4975.0	504976.6	5409902.8	27881.00000	390.30	0	48.842078	-86.932175	55972.29	56231	19.00	55991.29	56023.23828	55994.27883	56008.53906	504976.6	5409902.8
L4975.0	504976.6	5409901.0	27881.09961	389.73	0	48.842062	-86.932175	55974.42	56231	19.00	55993.42	56025.30078	56009.50258	56023.49219	504976.6	5409901.0
L4975.0	504976.5	5409899.5	27881.19922	390.65	0	48.842048	-86.932175	55975.61	56231	19.00	55994.61	56026.42969	56003.29849	56017.02344	504976.5	5409899.5
L4975.0	504976.5	5409898.1	27881.30078	388.52	0	48.842035	-86.932176	55977.28	56231	19.00	55996.28	56028.03906	56008.69380	56022.16406	504976.5	5409898.1
L4975.0	504976.5	5409898.1	27881.40039	391.04	0	48.842035	-86.932176	55978.21	56231	19.00	55997.21	56028.91406	55997.32481	56010.55469	504976.5	5409898.1
L4975.0	504976.5	5409896.0	27881.50000	390.85	0	48.842017	-86.932176	55979.33	56231	19.00	55998.33	56029.97656	55990.82329	56003.82031	504976.5	5409896.0
L4975.0	504976.5	5409896.0	27881.59961	390.51	0	48.842017	-86.932176	55981.02	56231	19.00	56000.02	56031.61328	55998.03085	56010.80469	504976.5	5409896.0
L4975.0	504976.5	5409894.7	27881.59961	390.51	0	48.842005	-86.932176	55982.84	56231	19.00	56001.84	56033.38281	56008.72037	56021.27344	504976.5	5409894.7
L4975.0	504976.5	5409893.6	27881.80078	391.11	0	48.841995	-86.932176	55984.43	56231	19.00	56003.43	56034.92188	56014.52454	56026.86719	504976.5	5409893.6
L4975.0	504976.5	5409892.2	27881.90039	391.34	0	48.841982	-86.932176	55985.39	56231	19.00	56004.39	56035.83203	56006.14543	56018.28906	504976.5	5409892.2
L4975.0	504976.4	5409891.0	27882.00000	391.33	0	48.841972	-86.932177	55986.71	56231	19.00	56005.71	56037.10156	56006.60762	56018.55859	504976.4	5409891.0
L4975.0	504976.4	5409891.0	27882.09961	391.84	0	48.841972	-86.932177	55988.13	56231	19.00	56007.12	56038.46484	56009.63525	56021.39844	504976.4	5409891.0
L4975.0	504976.4	5409889.3	27882.19922	390.99	0	48.841957	-86.932177	55989.90	56231	18.99	56008.89	56040.18359	56021.50917	56033.08984	504976.4	5409889.3
L4975.0	504976.4	5409887.6	27882.30078	388.90	0	48.841941	-86.932177	55991.14	56231	18.99	56010.13	56041.37500	56021.53517	56032.93750	504976.4	5409887.6
L4975.0	504976.4	5409886.2	27882.40039	388.93	0	48.841928	-86.932177	55992.28	56231	18.98	56011.26	56042.45703	56019.48131	56030.71484	504976.4	5409886.2
L4975.0	504976.4	5409886.2	27882.50000	389.68	0	48.841928	-86.932177	55993.54	56231	18.97	56012.51	56043.65625	56020.69694	56031.76563	504976.4	5409886.2
L4975.0	504976.4	5409884.6	27882.59961	388.21	0	48.841914	-86.932177	55994.30	56231	18.97	56013.27	56044.36328	56010.99774	56021.90625	504976.4	5409884.6
L4975.0	504976.4	5409883.1	27882.69922	391.01	0	48.841901	-86.932178	55995.82	56231	18.96	56014.78	56045.82031	56019.21872	56029.97266	504976.4	5409883.1
L4975.0	504976.4	5409883.1	27882.80078	390.48	0	48.841901	-86.932178	55996.75	56231	18.96	56015.71	56046.69141	56014.43193	56025.03125	504976.4	5409883.1

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4975.0	504976.3	5409880.9	27882.90039	392.27	0	48.841881	-86.932178	55998.85	56231	18.95	56017.81	56048.73438	56037.33112	56047.77734	504976.3	5409880.9
L4975.0	504976.3	5409879.6	27883.00000	391.66	0	48.841869	-86.932178	56000.20	56231.1	18.95	56019.14	56050.00391	56042.80267	56053.10547	504976.3	5409879.6
L4975.0	504976.3	5409879.6	27883.09961	392.35	0	48.841869	-86.932178	56001.48	56231	18.95	56020.43	56051.22656	56047.82060	56057.98047	504976.3	5409879.6
L4975.0	504976.3	5409878.4	27883.19922	392.26	0	48.841859	-86.932178	56002.39	56231	18.95	56021.35	56052.08203	56044.70941	56054.72656	504976.3	5409878.4
L4975.0	504976.3	5409876.8	27883.30078	392.22	0	48.841845	-86.932178	56003.20	56231	18.95	56022.16	56052.81641	56039.51308	56049.38672	504976.3	5409876.8
L4975.0	504976.3	5409875.4	27883.40039	392.67	0	48.841832	-86.932178	56003.98	56231	18.95	56022.93	56053.51172	56033.85704	56043.58984	504976.3	5409875.4
L4975.0	504976.3	5409875.4	27883.50000	391.25	0	48.841832	-86.932178	56004.80	56231	18.95	56023.75	56054.25000	56029.83144	56039.42578	504976.3	5409875.4
L4975.0	504976.3	5409874.0	27883.59961	392.11	0	48.841819	-86.932179	56006.24	56231	18.96	56025.19	56055.60547	56040.68806	56050.14063	504976.3	5409874.0
L4975.0	504976.3	5409874.0	27883.59961	392.11	0	48.841819	-86.932179	56007.15	56231	18.96	56026.11	56056.43359	56039.91410	56049.22656	504976.3	5409874.0
L4975.0	504976.3	5409872.4	27883.80078	390.69	0	48.841805	-86.932179	56008.32	56231	18.96	56027.27	56057.49609	56045.17899	56054.34766	504976.3	5409872.4
L4975.0	504976.3	5409870.7	27883.90039	390.20	0	48.841790	-86.932179	56008.34	56231	18.96	56027.30	56057.42188	56024.62098	56033.64844	504976.3	5409870.7
L4975.0	504976.3	5409870.7	27884.00000	391.74	0	48.841790	-86.932179	56009.88	56231	18.96	56028.84	56058.85156	56039.62637	56048.51172	504976.3	5409870.7
L4975.0	504976.3	5409869.3	27884.09961	391.29	0	48.841777	-86.932179	56010.16	56231	18.96	56029.12	56059.01172	56025.77736	56034.51563	504976.3	5409869.3
L4975.0	504976.2	5409868.0	27884.19922	389.67	0	48.841765	-86.932180	56011.58	56231	18.96	56030.54	56060.30859	56038.87881	56047.46875	504976.2	5409868.0
L4975.0	504976.2	5409866.4	27884.30078	390.47	0	48.841750	-86.932180	56012.34	56231	18.96	56031.30	56060.93750	56037.06876	56045.50391	504976.2	5409866.4
L4975.0	504976.2	5409866.4	27884.40039	392.50	0	48.841750	-86.932180	56014.21	56231	18.96	56033.17	56062.66797	56061.50163	56069.78125	504976.2	5409866.4
L4975.0	504976.2	5409864.6	27884.50000	391.18	0	48.841735	-86.932181	56014.54	56231	18.96	56033.50	56062.84766	56050.54916	56058.67188	504976.2	5409864.6
L4975.0	504976.1	5409863.4	27884.59961	391.87	0	48.841724	-86.932181	56015.54	56231	18.97	56034.51	56063.70313	56055.82962	56063.79297	504976.1	5409863.4
L4975.0	504976.1	5409863.4	27884.69922	392.24	0	48.841724	-86.932181	56016.66	56231	18.97	56035.63	56064.65625	56064.08255	56071.87891	504976.1	5409863.4
L4975.0	504976.1	5409862.0	27884.80078	393.05	0	48.841711	-86.932182	56018.16	56231	18.97	56037.12	56065.97266	56081.34808	56088.96875	504976.1	5409862.0
L4975.0	504976.1	5409862.0	27884.90039	394.02	0	48.841711	-86.932182	56019.29	56231	18.97	56038.25	56066.91797	56090.64478	56098.08984	504976.1	5409862.0
L4975.0	504976.1	5409860.5	27885.00000	395.61	0	48.841697	-86.932182	56019.32	56231	18.97	56038.29	56066.76172	56074.99101	56082.25391	504976.1	5409860.5
L4975.0	504976.1	5409859.0	27885.09961	396.09	0	48.841684	-86.932182	56020.00	56231	18.97	56038.96	56067.22656	56074.37717	56081.45313	504976.1	5409859.0
L4975.0	504976.1	5409857.6	27885.19922	395.82	0	48.841671	-86.932182	56019.88	56231	18.97	56038.85	56066.90234	56056.00861	56062.89063	504976.1	5409857.6
L4975.0	504976.1	5409857.6	27885.30078	393.76	0	48.841671	-86.932182	56021.04	56231	18.96	56040.00	56067.82813	56067.31667	56073.99609	504976.1	5409857.6
L4975.0	504976.1	5409854.6	27885.40039	391.04	0	48.841645	-86.932181	56021.46	56231	18.96	56040.43	56068.02344	56062.25170	56068.72266	504976.1	5409854.6
L4975.0	504976.1	5409854.6	27885.50000	392.32	0	48.841645	-86.932181	56022.45	56231	18.96	56041.41	56068.75391	56070.33922	56076.59766	504976.1	5409854.6
L4975.0	504976.2	5409852.9	27885.59961	389.41	0	48.841629	-86.932181	56022.76	56231	18.96	56041.72	56068.80469	56063.20229	56069.23828	504976.2	5409852.9
L4975.0	504976.2	5409852.9	27885.59961	389.41	0	48.841629	-86.932181	56023.49	56231	18.96	56042.45	56069.26563	56066.18049	56071.98828	504976.2	5409852.9
L4975.0	504976.2	5409851.6	27885.80078	389.86	0	48.841617	-86.932180	56024.32	56231	18.95	56043.28	56069.81250	56071.82521	56077.39453	504976.2	5409851.6
L4975.0	504976.3	5409850.0	27885.90039	390.24	0	48.841603	-86.932180	56024.75	56231	18.95	56043.71	56069.94922	56068.50203	56073.82813	504976.3	5409850.0
L4975.0	504976.3	5409848.7	27886.00000	389.08	0	48.841591	-86.932179	56024.96	56231.1	18.95	56043.91	56069.84375	56060.15656	56065.23047	504976.3	5409848.7
L4975.0	504976.3	5409848.7	27886.09961	387.58	0	48.841591	-86.932179	56024.50	56231	18.95	56043.45	56069.06641	56036.78197	56041.59766	504976.3	5409848.7
L4975.0	504976.3	5409847.3	27886.19922	389.77	0	48.841579	-86.932179	56024.81	56231	18.95	56043.76	56069.04688	56031.62366	56036.16797	504976.3	5409847.3
L4975.0	504976.3	5409846.0	27886.30078	390.29	0	48.841567	-86.932179	56024.76	56231	18.95	56043.71	56068.65234	56018.39687	56022.66016	504976.3	5409846.0
L4975.0	504976.4	5409844.9	27886.40039	389.77	0	48.841557	-86.932178	56025.41	56231	18.95	56044.36	56068.94531	56021.74287	56025.71875	504976.4	5409844.9
L4975.0	504976.4	5409844.9	27886.50000	391.37	0	48.841557	-86.932178	56026.35	56231	18.95	56045.30	56069.51953	56032.11959	56035.80469	504976.4	5409844.9
L4975.0	504976.4	5409843.5	27886.59961	391.90	0	48.841544	-86.932178	56026.65	56231	18.96	56045.60	56069.43750	56027.89284	56031.27344	504976.4	5409843.5
L4975.0	504976.3	5409842.0	27886.69922	391.64	0	48.841531	-86.932179	56027.64	56231	18.96	56046.60	56070.04297	56040.21481	56043.28125	504976.3	5409842.0
L4975.0	504976.3	5409842.0	27886.80078	393.59	0	48.841531	-86.932179	56028.14	56231	18.96	56047.10	56070.13672	56041.17263	56043.91797	504976.3	5409842.0
L4975.0	504976.3	5409840.3	27886.90039	394.76	0	48.841515	-86.932179	56028.65	56231	18.96	56047.61	56070.22656	56042.61760	56045.03125	504976.3	5409840.3
L4975.0	504976.3	5409839.0	27887.00000	391.97	0	48.841504	-86.932179	56028.24	56231	18.96	56047.20	56069.38672	56022.91532	56024.98828	504976.3	5409839.0
L4975.0	504976.3	5409837.4	27887.09961	389.59	0	48.841490	-86.932179	56028.93	56231	18.96	56047.88	56069.62109	56028.79793	56030.52344	504976.3	5409837.4
L4975.0	504976.3	5409837.4	27887.19922	390.30	0	48.841490	-86.932179	56029.28	56231	18.96	56048.24	56069.52344	56027.46906	56028.83594	504976.3	5409837.4
L4975.0	504976.3	5409835.6	27887.30078	390.52	0	48.841474	-86.932180	56030.02	56231	18.95	56048.97	56069.78125	56034.96555	56035.96094	504976.3	5409835.6
L4975.0	504976.2	5409834.1	27887.40039	388.88	0	48.841460	-86.932180	56031.08	56231	18.95	56050.03	56070.35547	56050.34889	56050.96875	504976.2	5409834.1
L4975.0	504976.2	5409834.1	27887.50000	389.06	0	48.841460	-86.932180	56030.90	56231	18.95	56049.85	56069.67969	56037.10195	56037.33984	504976.2	5409834.1
L4975.0	504976.2	5409832.6	27887.59961	389.19	0	48.841447	-86.932180	56031.23	56231.1	18.95	56050.18	56069.50391	56035.91072	56035.75391	504976.2	5409832.6
L4975.0	504976.2	5409831.2	27887.59961	389.19	0	48.841434	-86.932180	56030.73	56231.1	18.95	56049.68	56068.48438	56015.60647	56015.04688	504976.2	5409831.2
L4975.0	504976.2	5409831.2	27887.80078	387.20	0	48.841434	-86.932180	56031.84	56231.1	18.94	56050.78	56069.05078	56032.68781	56031.71484	504976.2	5409831.2
L4975.0	504976.2	5409829.6	27887.90039	387.01	0	48.841420	-86.932180	56032.14	56231.1	18.94	56051.08	56068.80469	56031.33682	56029.94141	504976.2	5409829.6
L4975.0	504976.3	5409828.2	27888.00000	389.16	0	48.841407	-86.932180	56032.90	56231.1	18.94	56051.84	56069.00781	56040.84500	56039.02344	504976.3	5409828.2
L4975.0	504976.3	5409828.2	27888.09961	389.68	0	48.841407	-86.932180	56032.82	56231.1	18.94	56051.76	56068.35938	56030.97373	56028.71875	504976.3	5409828.2
L4975.0	504976.3	5409826.9	27888.19922	390.49	0	48.841395	-86.932180	56033.28	56231.1	18.95	56052.22	56068.24219	56033.80500	56031.10547	504976.3	5409826.9
L4975.0	504976.3	5409825.4	27888.30078	388.64	0	48.841382	-86.932179	56033.13	56231.1	18.95	56052.08	56067.51172	56022.82083	56019.66797	504976.3	5409825.4
L4975.0	504976.3	5409825.4	27888.40039	388.01	0	48.841382	-86.932179	56033.58	56231	18.95	56052.53	56067.35938	56025.68497	56022.07031	504976.3	5409825.4
L4975.0	504976.4	5409824.0	27888.50000	389.87	0	48.841369	-86.932179	56034.32	56231	18.96	56053.27	56067.48828	56035.41279	56031.33594	504976.4	5409824.0
L4975.0	504976.4	5409824.0	27888.59961	391.45	0	48.841369	-86.932179	56034.26	56231	18.96	56053.22	56066.82031	56026.88161	56022.33203	504976.4	5409824.0
L4975.0	504976.4	5409822.3	27888.69922	390.45	0	48.841354	-86.932178	56035.20	56231	18.96	56054.16	56067.12891	56041.47504	56036.44531	504976.4	5409822.3
L4975.0	504976.5	5409820.8	27888.80078	390.38	0	48.841341	-86.932177	56034.80	56231	18.96	56053.76	56066.08984	56025.00301	56019.48438	504976.5	5409820.8
L4975.0	504976.5	5409819.7	27888.90039	388.71	0	48.841330	-86.932177	56034.97	56231	18.97	56053.94	56065.62109	56022.10476	56016.09766	504976.5	5409819.7
L4975.0	504976.6	5409818.4	27889.00000	390.41	0	48.841318	-86.932176	56035.53	56231	18.97	56054.50	56065.52344	56028.12117	56021.61719	504976.6	5409818.4
L4975.0	504976.6	5409818.4	27889.09961	388.07	0	48.841318	-86.932176	56035.84	56231	18.97	56054.81	56065.16797	56028.39398	56021.39063	504976.6	5409818.4
L4975.0	504976.6	5409816.8	27889.19922	388.44	0	48.841304	-86.932175	56036.01	56231	18.97	56054.98	56064.66406	56025.47288	56017.96094	504976.6	5409816.8
L4975.0	504976.7	5409815.1	27889.30078	388.91	0	48.841289	-86.932175	56036.21	56231	18.97	56055.18	56064.18750	56023.30285	56015.27734	504976.7	5409815.1
L4975.0	504976.7	5409815.1	27889.40039	387.30	0	48.841289	-86.932175	56036.89	56231	18.97	56055.86	56064.17969	56032.34002	56023.80078	504976.7	5409815.1
L4975.0	504976.7	5409813.4	27889.50000	386.04	0	48.841274	-86.932174	56037.00	56231	18.97	56055.97	56063.59766	56028.15965	56019.10547	504976.7	5409813.4
L4975.0	504976.7	5409813.4	27889.59961	386.73	0	48.841274	-86.932174	56036.77	56231	18.97	56055.74	56062.66797	56016.10212	56006.52734	504976.7	5409813.4
L4975.0	504976.7	5409812.2	27889.59961	386.73	0	48.841263	-86.932174	56036.67	56231	18.97	56055.64	56061.86719	56007.08880	55996.98828	504976.7	5409812.2
L4975.0	504976.8	5409810.9	27889.69922	386.49	0	48.841251	-86.932173	56037.18	56231	18.97	56056.15	56061.66797	56012.27368	56001.64844	504976.8	5409810.9
L4975.0	504976.8	5409809.1	27889.80078	387.33	0	48.841235	-86.932173	56037.68	56231	18.97	56056.65	56061.45703	56017.23147	56006.07813	504976.8	5409809.1
L4975.0	504976.8	5409809.1	27889.90039	387.56	0	48.841235	-86.932173	56037.83	56231	18.97	56056.80	56060.89063	56014.04806	56002.37109	504976.8	5409809.1
L4975.0	504976.8	5409807.6	27890.00000	389.99	0	48.841222	-86.932172	56038.59	56231	18.97	56057.56	56060.93359	56025.03954	56012.83203	504976.8	5409807.6
L4975.0	504976.8	5409806.3	27890.09961	388.13	0	48.841210	-86.932172	56038.66	56231	18.97	56057.64	56060.29688	56020.20074	56007.46484	504976.8	5409806.3
L4975.0	504976.8	5409806.3	27890.19922	389.46	0	48.841210	-86.932172	56039.00	56231	18.97	56057.97	56059.90625	56021.15028	56007.88672	504976.8	5409806.3
L4975.0	504976.9	5409804.6	27890.40039	391.02	0	48.841195	-86.932172	56038.64	56231	18.98	56057.62	56058.83203	56006.25458	55992.46484	504976.9	5409804.6
L4975.0	504976.9	5409803.3	27890.50000	390.66	0	48.841183	-86.932172	56039.14	56231	18.98	56058.12	56058.60938	56011.08484	55996.76953	504976.9	5409803.3
L4975.0	504976.9	5409803.3	27890.59961	394.78	0	48.841183	-86.932172	56039.63	56231	18.98	56058.61	56058.37891	56015.63543	56000.80078	504976.9	5409803.3
L4975.0	504976.9	5409803.3	27890.69922	396.40	0	48.841183	-86.932172	56040.46	56231	18.98	56059.44	56058.48828	56028.03811	56012.67969	504976.9	5409803.3
L4975.0	504976.9	5409800.0	27890.80078	396.63	0	48.841153	-86.932172	56040.87	56231	18.99	56059.85	56058.17969	56030.61286	56014.73828	504976.9	5409800.0
L4975.0	504976.9	5409800.0	27890.90039	397.43	0	48.841153	-86.932172	56041.70	56231	18.99	56060.69	56058.30469	56043.11863	56026.73438	504976.9	5409800.0
L4975.0	504976.9	5409798.5	27891.00000	398.29	0	48.841139	-86.932172	56041.70	56231	18.99	56060.69	56057.58984	56036.01612	56019.12109	504976.9	5409798.5
L4975.0	504976.9	5409797.1	27891.09961	396.45	0	48.841127	-86.932172	56042.11	56231	18.99	56061.10	56057.29297	56038.36610	56020.96875	504976.9	5409797.1
L4975.0	504976.9	5409797.1	27891.19922	397.33	0	48.841127	-86.932172	56042.26	56231	18.99	56061.25	56056.73828	56034.58190	56016.68750	504976.9	5409797.1
L4975.0	504976.9	5409795.8	27891.30078	395.52	0	48.841116	-86.932172	56042.16	56231	18.99	56061.15	56055.93750	56024.88965	56006.50391	504976.9	5409795.8
L4975.0	504976.9	5409794.3	27891.40039	394.93	0	48.841102	-86.932172	56042.62	56231	18.99	56061.61	56055.70313	56028.11878	56009.25000	504976.9	5409794.3
L4975.0	504976.9	5409792.5	27891.50000	393.74	0	48.841086	-86.932171	56043.02	56231	18.99	56062.01	56055.41797	56029.84572	56010.50000	504976.9	5409792.5
L4975.0	504976.9	5409792.5	27891.59961	396.03	0	48.841086	-86.932171	56043.52	56231	18.99	56062.51	56055.23828	56033.78511	56013.96875	504976.9	5409792.5
L4975.0	504976.9	5409791.1	27891.59961	396.03	0	48.841073	-86.932171	56043.42	56231	18.99	56062.41	56054.46875	56023.65337	56003.37500	504976.9	5409791.1
L4975.0	504976.9	5409791.1	27891.80078	393.39	0	48.841073	-86.932171	56043.75	56231	18.99	56062.74	56054.13672	56023.39639	56002.66797	504976.9	5409791.1
L4975.0	504976.9	5409789.5	27891.90039	395.02	0	48.841059	-86.932171	56043.83	56231	18.99	56062.82	56053.56250	56017.19596	55996.02734	504976.9	5409789.5
L4975.0	504976.9	5409787.4	27892.00000	394.08	0	48.841040	-86.932171	56044.41	56231	18.99	56063.40	56053.50000	56022.48718	56000.88672	504976.9	5409787.4
L4975.0	504977.0	5409786.4	27892.09961	393.51	0	48.841031	-86.932171	56044.38	56231	18.99	56063.37	56052.83984	56013.45299	55991.43359	504977.0	5409786.4

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4975.0	504977.0	5409786.4	27892.19922	393.56	0	48.841031	-86.932171	56044.62	56231	18.99	56063.60	56052.44922	56010.31930	55987.88672	504977.0	5409786.4
L4975.0	504977.0	5409785.1	27892.30078	394.33	0	48.841019	-86.932171	56044.89	56231	18.98	56063.87	56052.11328	56007.96539	55985.13672	504977.0	5409785.1
L4975.0	504977.0	5409783.8	27892.40039	391.69	0	48.841008	-86.932171	56044.98	56231	18.98	56063.97	56051.61719	56001.50328	55978.28906	504977.0	5409783.8
L4975.0	504977.0	5409783.8	27892.50000	390.64	0	48.841008	-86.932171	56045.32	56231	18.98	56064.30	56051.36719	56000.23004	55976.64453	504977.0	5409783.8
L4975.0	504977.0	5409782.2	27892.59961	390.59	0	48.840993	-86.932170	56046.28	56231	18.98	56065.26	56051.76172	56013.44295	55989.50000	504977.0	5409782.2
L4975.0	504977.0	5409781.0	27892.69922	390.39	0	48.840982	-86.932170	56047.78	56231	18.98	56066.75	56052.69922	56038.81252	56014.52344	504977.0	5409781.0
L4975.0	504977.0	5409779.5	27892.80078	390.79	0	48.840968	-86.932170	56048.38	56231	18.97	56067.35	56052.76563	56043.31419	56018.69531	504977.0	5409779.5
L4975.0	504977.0	5409779.5	27892.90039	392.45	0	48.840968	-86.932170	56048.15	56231	18.97	56067.12	56052.01563	56028.33950	56003.40625	504977.0	5409779.5
L4975.0	504977.0	5409778.1	27893.00000	392.59	0	48.840956	-86.932170	56047.88	56231	18.97	56066.85	56051.24219	56012.25551	55987.02344	504977.0	5409778.1
L4975.0	504977.1	5409776.6	27893.09961	394.87	0	48.840942	-86.932170	56048.56	56231	18.97	56067.53	56051.44141	56018.08029	55992.56641	504977.1	5409776.6
L4975.0	504977.1	5409775.3	27893.19922	395.52	0	48.840931	-86.932170	56050.61	56231	18.97	56069.58	56053.02344	56055.57738	56029.79688	504977.1	5409775.3
L4975.0	504977.1	5409775.3	27893.30078	394.84	0	48.840931	-86.932170	56051.26	56231	18.97	56070.24	56053.23828	56060.56295	56034.53125	504977.1	5409775.3
L4975.0	504977.1	5409773.8	27893.40039	395.66	0	48.840917	-86.932170	56050.94	56231	18.97	56069.91	56052.48047	56042.33584	56016.07422	504977.1	5409773.8
L4975.0	504977.1	5409772.4	27893.50000	395.44	0	48.840905	-86.932169	56050.68	56231	18.98	56069.66	56051.82422	56025.77527	55999.30078	504977.1	5409772.4
L4975.0	504977.1	5409772.4	27893.59961	395.34	0	48.840905	-86.932169	56051.39	56231	18.98	56070.36	56052.13672	56031.10986	56004.43750	504977.1	5409772.4
L4975.0	504977.1	5409770.9	27893.59961	395.34	0	48.840892	-86.932170	56051.62	56231	18.98	56070.60	56052.01172	56025.54944	55998.69922	504977.1	5409770.9
L4975.0	504977.1	5409769.6	27893.80078	391.74	0	48.840880	-86.932170	56052.38	56231	18.98	56071.36	56052.42969	56031.88099	56004.87109	504977.1	5409769.6
L4975.0	504977.0	5409768.1	27893.90039	392.71	0	48.840866	-86.932170	56052.47	56231	18.98	56071.45	56052.19922	56022.43064	55995.28516	504977.0	5409768.1
L4975.0	504977.0	5409768.1	27894.00000	392.59	0	48.840866	-86.932170	56053.04	56231	18.98	56072.02	56052.46875	56023.93894	55996.67188	504977.0	5409768.1
L4975.0	504977.0	5409766.8	27894.09961	393.46	0	48.840854	-86.932171	56053.03	56231	18.98	56072.01	56052.18359	56011.75548	55984.39063	504977.0	5409766.8
L4975.0	504976.9	5409765.2	27894.19922	394.51	0	48.840840	-86.932172	56053.01	56231	18.98	56071.99	56051.91406	55999.13396	55971.68750	504976.9	5409765.2
L4975.0	504976.8	5409763.8	27894.30078	395.13	0	48.840827	-86.932173	56052.91	56231	18.98	56071.89	56051.58984	55984.44576	55956.94141	504976.8	5409763.8
L4975.0	504976.8	5409763.8	27894.40039	394.35	0	48.840827	-86.932173	56052.98	56231	18.98	56071.96	56051.45703	55973.50376	55945.96484	504976.8	5409763.8
L4975.0	504976.8	5409762.2	27894.50000	393.77	0	48.840813	-86.932174	56054.27	56231	18.98	56073.25	56052.56641	55990.72419	55963.16797	504976.8	5409762.2
L4975.0	504976.8	5409762.2	27894.59961	392.57	0	48.840813	-86.932174	56054.56	56231	18.98	56073.54	56052.70703	55984.48310	55956.93359	504976.8	5409762.2
L4975.0	0.0	0.0	27894.69922	395.26	0	48.840789	-86.932176	56055.44	56231	18.98	56074.42	56053.46094	55991.75427	55964.23047	504976.6	5409759.6
L4975.0	0.0	0.0	27894.80078	393.11	0	48.840789	-86.932176	56056.22	56231	18.98	56075.20	56054.14063	55996.49269	55969.01953	504976.6	5409759.6
L4975.0	0.0	0.0	27894.90039	391.86	0	48.840775	-86.932177	56056.70	56231	18.98	56075.68	56054.54688	55994.04801	55966.64453	504976.5	5409758.0
L4975.0	0.0	0.0	27895.00000	392.60	0	48.840775	-86.932177	56057.59	56231	18.98	56076.57	56055.39063	56000.93116	55973.62109	504976.5	5409758.0
L4975.0	0.0	0.0	27895.09961	392.16	0	48.840761	-86.932178	56057.71	56231	18.98	56076.69	56055.48828	55989.70330	55962.50781	504976.5	5409756.4
L4975.0	0.0	0.0	27895.19922	392.49	0	48.840745	-86.932179	56058.93	56231	18.98	56077.91	56056.71875	56003.85034	55976.79297	504976.4	5409754.6
L4975.0	0.0	0.0	27895.30078	393.99	0	48.840735	-86.932179	56059.13	56231	18.98	56078.11	56056.95313	55994.07516	55967.17969	504976.4	5409753.5
L4975.0	0.0	0.0	27895.40039	395.40	0	48.840735	-86.932179	56059.48	56231	18.98	56078.46	56057.36328	55987.58627	55960.87500	504976.4	5409753.5
L4975.0	0.0	0.0	27895.50000	392.01	0	48.840723	-86.932179	56060.52	56231	18.97	56079.50	56058.49219	55996.94243	55970.43750	504976.4	5409752.2
L4975.0	0.0	0.0	27895.59961	391.18	0	48.840710	-86.932180	56061.31	56231	18.97	56080.28	56059.39063	56000.05418	55973.77734	504976.3	5409750.7
L4975.0	0.0	0.0	27895.59961	391.18	0	48.840710	-86.932180	56062.67	56231	18.97	56081.65	56060.90625	56016.68936	55990.66016	504976.3	5409750.7
L4975.0	0.0	0.0	27895.80078	388.98	0	48.840697	-86.932180	56063.10	56231	18.97	56082.07	56061.50000	56011.03905	55985.28516	504976.3	5409749.3
L4975.0	0.0	0.0	27895.90039	390.73	0	48.840684	-86.932180	56063.79	56231	18.97	56082.76	56062.39063	56011.47542	55986.01953	504976.3	5409747.9
L4975.0	0.0	0.0	27896.00000	391.04	0	48.840673	-86.932181	56063.68	56231	18.97	56082.65	56062.51172	55993.11923	55967.98047	504976.3	5409746.6
L4975.0	0.0	0.0	27896.09961	389.56	0	48.840673	-86.932181	56064.79	56231	18.97	56083.76	56063.87891	56002.94616	55978.14844	504976.3	5409746.6
L4975.0	0.0	0.0	27896.19922	391.13	0	48.840659	-86.932181	56066.36	56231	18.97	56085.33	56065.73438	56023.28603	55998.85156	504976.3	5409745.1
L4975.0	0.0	0.0	27896.30078	392.40	0	48.840645	-86.932181	56068.41	56231	18.97	56087.38	56068.10156	56054.60693	56030.55859	504976.2	5409743.5
L4975.0	0.0	0.0	27896.40039	391.95	0	48.840635	-86.932181	56069.83	56231	18.97	56088.79	56069.85156	56070.86760	56047.23047	504976.2	5409742.4
L4975.0	0.0	0.0	27896.50000	390.18	0	48.840635	-86.932181	56070.24	56231	18.96	56089.20	56070.63281	56063.69992	56040.49219	504976.2	5409742.4
L4975.0	0.0	0.0	27896.59961	392.30	0	48.840620	-86.932182	56070.76	56231	18.96	56089.73	56071.55859	56059.15176	56036.39063	504976.2	5409740.8
L4975.0	0.0	0.0	27896.69922	391.23	0	48.840620	-86.932182	56070.54	56231	18.96	56089.50	56071.75781	56036.76325	56014.47656	504976.2	5409740.8
L4975.0	0.0	0.0	27896.80078	392.12	0	48.840606	-86.932183	56071.65	56231	18.96	56090.61	56073.32031	56045.37139	56023.57813	504976.1	5409739.2
L4975.0	0.0	0.0	27896.90039	393.14	0	48.840590	-86.932183	56072.62	56231	18.96	56091.58	56074.76953	56050.56419	56029.28906	504976.1	5409737.4
L4975.0	0.0	0.0	27897.00000	391.74	0	48.840590	-86.932183	56074.41	56231	18.96	56093.37	56077.06641	56074.66943	56053.92578	504976.1	5409737.4
L4975.0	0.0	0.0	27897.09961	390.77	0	48.840578	-86.932184	56076.02	56231	18.96	56094.98	56079.21094	56094.43725	56074.25000	504976.0	5409736.1
L4975.0	0.0	0.0	27897.19922	392.90	0	48.840565	-86.932185	56077.04	56231	18.96	56095.99	56080.78125	56100.10521	56080.49219	504976.0	5409734.6
L4975.0	0.0	0.0	27897.30078	393.52	0	48.840553	-86.932186	56077.04	56231	18.95	56095.99	56081.36719	56082.14351	56063.12891	504975.9	5409733.3
L4975.0	0.0	0.0	27897.40039	392.93	0	48.840553	-86.932186	56077.02	56231	18.95	56095.97	56081.96094	56063.57797	56045.17969	504975.9	5409733.3
L4975.0	0.0	0.0	27897.50000	393.79	0	48.840536	-86.932186	56077.16	56231.1	18.95	56096.11	56082.73828	56048.59883	56030.83203	504975.9	5409731.4
L4975.0	0.0	0.0	27897.59961	394.28	0	48.840525	-86.932187	56077.82	56231.1	18.95	56096.77	56084.05859	56045.58210	56028.46484	504975.8	5409730.1
L4975.0	0.0	0.0	27897.59961	394.28	0	48.840525	-86.932187	56079.12	56231.1	18.95	56098.07	56086.04688	56057.32297	56040.87891	504975.8	5409730.1
L4975.0	0.0	0.0	27897.80078	396.64	0	48.840511	-86.932187	56080.24	56231.1	18.94	56099.19	56087.87891	56064.75795	56049.00391	504975.8	5409728.6
L4975.0	0.0	0.0	27897.90039	399.67	0	48.840497	-86.932188	56082.13	56231.1	18.94	56101.07	56090.49609	56089.75063	56074.70313	504975.8	5409727.1
L4975.0	0.0	0.0	27898.00000	399.52	0	48.840497	-86.932188	56083.71	56231.1	18.94	56102.65	56092.83594	56107.65672	56093.33203	504975.8	5409727.1
L4975.0	0.0	0.0	27898.09961	396.71	0	48.840480	-86.932189	56084.18	56231.1	18.94	56103.11	56094.07422	56099.41298	56085.82422	504975.7	5409725.1
L4975.0	0.0	0.0	27898.19922	397.54	0	48.840468	-86.932189	56084.20	56231.1	18.93	56103.13	56094.90234	56080.83713	56068.00391	504975.7	5409723.8
L4975.0	0.0	0.0	27898.30078	396.04	0	48.840468	-86.932189	56084.09	56231.1	18.93	56103.02	56095.61719	56059.14299	56047.08594	504975.7	5409723.8
L4975.0	0.0	0.0	27898.40039	395.67	0	48.840456	-86.932189	56085.34	56231.1	18.93	56104.26	56097.70313	56068.75153	56057.48047	504975.7	5409722.5
L4975.0	0.0	0.0	27898.50000	397.18	0	48.840456	-86.932189	56086.25	56231.1	18.93	56105.17	56099.48438	56070.60132	56060.12891	504975.7	5409722.5
L4975.0	0.0	0.0	27898.59961	395.49	0	48.840439	-86.932190	56087.56	56231.1	18.92	56106.48	56101.67969	56081.67296	56072.01563	504975.6	5409720.6
L4975.0	0.0	0.0	27898.69922	396.19	0	48.840428	-86.932191	56088.45	56231.1	18.92	56107.37	56103.48047	56082.90345	56074.07422	504975.6	5409719.3
L4975.0	0.0	0.0	27898.80078	395.61	0	48.840415	-86.932191	56089.07	56231.1	18.92	56107.99	56105.02734	56077.78619	56069.80078	504975.5	5409717.9
L4975.0	0.0	0.0	27898.90039	394.28	0	48.840415	-86.932191	56089.54	56231.1	18.91	56108.45	56106.43359	56068.88441	56061.75391	504975.5	5409717.9
L4975.0	0.0	0.0	27899.00000	393.87	0	48.840404	-86.932192	56090.39	56231.1	18.91	56109.30	56108.24609	56068.99311	56062.72656	504975.5	5409716.7
L4975.0	0.0	0.0	27899.09961	393.71	0	48.840393	-86.932192	56091.64	56231.1	18.91	56110.55	56110.47656	56078.35016	56072.96094	504975.5	5409715.5
L4975.0	0.0	0.0	27899.19922	393.13	0	48.840383	-86.932192	56092.60	56231.1	18.91	56111.51	56112.42969	56080.91569	56076.41406	504975.4	5409714.3
L4975.0	0.0	0.0	27899.30078	395.33	0	48.840383	-86.932192	56093.58	56231.1	18.91	56112.49	56114.42188	56083.90378	56080.30078	504975.4	5409714.3
L4975.0	0.0	0.0	27899.40039	394.01	0	48.840366	-86.932193	56094.90	56231.1	18.91	56113.80	56116.76172	56094.52850	56091.83594	504975.4	5409712.5
L4975.0	0.0	0.0	27899.50000	393.73	0	48.840355	-86.932193	56097.05	56231.1	18.91	56115.95	56119.95313	56124.65473	56122.87891	504975.4	5409711.3
L4975.0	0.0	0.0	27899.59961	392.17	0	48.840355	-86.932193	56098.32	56231.1	18.90	56117.22	56122.27734	56134.29102	56133.43750	504975.4	5409711.3
L4975.0	0.0	0.0	27899.59961	392.17	0	48.840355	-86.932193	56098.76	56231.1	18.90	56117.67	56123.79297	56124.83795	56124.91797	504975.4	5409711.3
L4975.0	0.0	0.0	27899.80078	392.04	0	48.840328	-86.932194	56099.30	56231.1	18.90	56118.20	56125.40625	56117.22940	56118.25391	504975.3	5409708.3
L4975.0	0.0	0.0	27899.90039	388.88	0	48.840328	-86.932194	56100.36	56231.1	18.90	56119.26	56127.55469	56121.93493	56123.90625	504975.3	5409708.3
L4975.0	0.0	0.0	27900.00000	388.74	0	48.840316	-86.932195	56101.32	56231.1	18.90	56120.22	56129.61719	56124.30987	56127.23438	504975.3	5409707.0
L4975.0	0.0	0.0	27900.09961	388.13	0	48.840306	-86.932195	56102.13	56231.1	18.90	56121.03	56131.53906	56123.19676	56127.08203	504975.2	5409705.8
L4975.0	0.0	0.0	27900.19922	387.39	0	48.840306	-86.932195	56103.27	56231.1	18.90	56122.17	56133.80078	56129.76275	56134.61328	504975.2	5409705.8
L4975.0	0.0	0.0	27900.30078	388.25	0	48.840296	-86.932196	56103.73	56231.1	18.91	56122.63	56135.39063	56120.52656	56126.34766	504975.2	5409704.7
L4975.0	0.0	0.0	27900.40039	388.52	0	48.840286	-86.932196	56104.45	56231.1	18.91	56123.36	56137.25781	56117.58460	56124.37891	504975.2	5409703.5
L4975.0	0.0	0.0	27900.50000	389.21	0	48.840277	-86.932196	56105.24	56231.1	18.91	56124.15	56139.19141	56116.05870	56123.83203	504975.2	5409702.6
L4975.0	0.0	0.0	27900.59961	389.10	0	48.840277	-86.932196	56106.79	56231.1	18.91	56125.70	56141.89063	56132.23172	56140.98047	504975.2	5409702.6
L4975.0	0.0	0.0	27900.69922	389.08	0	48.840265	-86.932197	56108.10	56231.1	18.91	56127.01	56144.35547	56142.85479	56152.58594	504975.1	5409701.2
L4975.0	0.0	0.0	27900.80078	388.30	0	48.840255	-86.932197	56109.29	56231.1	18.92	56128.20	56146.70703	56150.72339	56161.44141	504975.1	5409700.1
L4975.0	0.0	0.0	27900.90039	391.65	0	48.840244	-86.932198	56109.92	56231.1	18.92	56128.84	56148.51172	56145.84332	56157.55078	504975.1	5409698.9
L4975.0	0.0	0.0	27901.00000	392.70	0	48.840244	-86.932198	56110.79	56231.1	18.92	56129.71	56150.54688	56146.35759	56159.05078	504975.1	5409698.9
L4975.0	0.0	0.0	27901.09961	392.48	0	48.840234	-86.932198	56111.36	56231.1	18.92	56130.28	56152.28906	56139.94651	56153.62109	504975.0	5409697.8
L4975.0	0.0	0.0	27901.19922	392.71	0	48.840224	-86.932199	56111.62	56231.1	18.92	56130.54	56153.71875	56126.38236	56141.04688	504975.0	5409696.8
L4975.0	0.0	0.0	27901.30078	393.76	0	48.840224	-86.932199	56112.72	56231.1	18.91	56131.64	56155.99219	56132.41199	56148.06250	504975.0	5409696.8
L4975.0	0.0	0.0	27901.40039	391.85	0	48.840213	-86.932199	56113.79	56231.1	18.91	56132.70	56158.22266	56137.57666	56154.21484	504975.0	5409695.5

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4975.0	0.0	0.0	27901.50000	393.63	0	48.840213	-86.932199	56114.68	56231.1	18.91	56133.59	56160.28516	56138.85804	56156.47656	504975.0	5409695.5
L4975.0	0.0	0.0	27901.59961	395.31	0	48.840203	-86.932200	56115.36	56231.1	18.91	56134.27	56162.13281	56135.33062	56153.92969	504974.9	5409694.3
L4975.0	0.0	0.0	27901.59961	395.31	0	48.840191	-86.932200	56116.68	56231.1	18.91	56135.58	56164.61328	56146.53227	56166.10938	504974.9	5409693.0
L4975.0	0.0	0.0	27901.80078	395.55	0	48.840183	-86.932201	56117.69	56231.1	18.90	56136.59	56166.78906	56150.84136	56171.39453	504974.9	5409692.2
L4975.0	0.0	0.0	27901.90039	393.87	0	48.840176	-86.932201	56118.49	56231.1	18.90	56137.39	56168.75000	56150.35519	56171.88281	504974.8	5409691.4
L4975.0	0.0	0.0	27902.00000	392.97	0	48.840164	-86.932202	56119.43	56231.1	18.90	56138.33	56170.85156	56153.21706	56175.71094	504974.8	5409690.0
L4975.0	0.0	0.0	27902.09961	393.28	0	48.840164	-86.932202	56120.34	56231.1	18.90	56139.24	56172.91406	56155.47813	56178.93359	504974.8	5409690.0
L4975.0	0.0	0.0	27902.19922	392.57	0	48.840156	-86.932202	56120.70	56231.1	18.90	56139.60	56174.42188	56145.05065	56169.46484	504974.8	5409689.2
L4975.0	0.0	0.0	27902.30078	391.44	0	48.840146	-86.932203	56121.28	56231.1	18.90	56140.18	56176.14453	56139.84435	56165.21484	504974.7	5409688.0
L4975.0	0.0	0.0	27902.40039	390.72	0	48.840146	-86.932203	56121.98	56231.1	18.90	56140.88	56177.98047	56137.53802	56163.85938	504974.7	5409688.0
L4975.0	0.0	0.0	27902.50000	391.92	0	48.840136	-86.932203	56123.05	56231.1	18.90	56141.96	56180.19141	56144.18177	56171.44531	504974.7	5409686.9
L4975.0	0.0	0.0	27902.59961	390.65	0	48.840125	-86.932203	56123.98	56231.1	18.91	56142.89	56182.24219	56147.45503	56175.65234	504974.7	5409685.7
L4975.0	0.0	0.0	27902.69922	390.42	0	48.840125	-86.932203	56124.79	56231.1	18.91	56143.70	56184.16406	56148.05940	56177.18750	504974.7	5409685.7
L4975.0	0.0	0.0	27902.80078	391.47	0	48.840115	-86.932204	56125.98	56231.1	18.91	56144.89	56186.45703	56157.62574	56187.67969	504974.7	5409684.5
L4975.0	0.0	0.0	27902.90039	390.39	0	48.840108	-86.932204	56126.72	56231.1	18.91	56145.63	56188.29297	56156.85710	56187.82813	504974.6	5409683.8
L4975.0	0.0	0.0	27903.00000	393.64	0	48.840100	-86.932204	56127.63	56231.1	18.91	56146.54	56190.28906	56160.17471	56192.05469	504974.6	5409682.9
L4975.0	0.0	0.0	27903.09961	394.70	0	48.840100	-86.932204	56128.26	56231.1	18.91	56147.17	56191.99219	56157.11797	56189.89844	504974.6	5409682.9
L4975.0	0.0	0.0	27903.19922	393.36	0	48.840092	-86.932204	56129.18	56231.1	18.91	56148.09	56193.97656	56160.94526	56194.62109	504974.6	5409682.0
L4975.0	0.0	0.0	27903.30078	394.12	0	48.840083	-86.932204	56129.92	56231.1	18.91	56148.83	56195.76953	56160.73077	56195.29688	504974.7	5409681.0
L4975.0	0.0	0.0	27903.40039	393.87	0	48.840083	-86.932204	56130.77	56231.1	18.91	56149.68	56197.66016	56163.22165	56198.66406	504974.7	5409681.0
L4975.0	0.0	0.0	27903.50000	392.71	0	48.840074	-86.932203	56131.60	56231.1	18.92	56150.51	56199.51953	56165.39827	56201.71094	504974.7	5409680.0
L4975.0	0.0	0.0	27903.59961	393.82	0	48.840063	-86.932203	56132.84	56231.1	18.92	56151.75	56201.77344	56177.26319	56214.43750	504974.7	5409678.9
L4975.0	0.0	0.0	27903.59961	393.82	0	48.840063	-86.932203	56133.57	56231.1	18.92	56152.49	56203.51953	56177.65856	56215.68359	504974.7	5409678.9
L4975.0	0.0	0.0	27903.80078	393.34	0	48.840055	-86.932202	56134.16	56231.1	18.92	56153.08	56205.09766	56174.72645	56213.59766	504974.8	5409677.9
L4975.0	0.0	0.0	27903.90039	391.43	0	48.840047	-86.932202	56134.70	56231.1	18.92	56153.62	56206.61328	56170.79538	56210.50000	504974.8	5409677.0
L4975.0	0.0	0.0	27904.00000	392.78	0	48.840047	-86.932202	56135.65	56231.1	18.92	56154.57	56208.52734	56176.56518	56217.09375	504974.8	5409677.0
L4975.0	0.0	0.0	27904.09961	393.14	0	48.840040	-86.932201	56136.81	56231.1	18.92	56155.73	56210.63672	56187.38802	56228.73438	504974.8	5409676.2
L4975.0	0.0	0.0	27904.19922	397.78	0	48.840034	-86.932201	56137.42	56231.1	18.92	56156.34	56212.17969	56185.59378	56227.74609	504974.9	5409675.6
L4975.0	0.0	0.0	27904.30078	396.17	0	48.840027	-86.932200	56137.57	56231.1	18.92	56156.49	56213.24609	56173.27811	56216.23047	504974.9	5409674.8
L4975.0	0.0	0.0	27904.40039	393.05	0	48.840027	-86.932200	56138.35	56231.1	18.92	56157.27	56214.93359	56175.79051	56219.53125	504974.9	5409674.8
L4975.0	0.0	0.0	27904.50000	390.00	0	48.840020	-86.932200	56139.52	56231.1	18.92	56158.45	56217.00000	56187.78521	56232.30078	504975.0	5409674.0
L4975.0	0.0	0.0	27904.59961	390.19	0	48.840011	-86.932199	56140.46	56231.1	18.93	56159.39	56218.81641	56194.38222	56239.66406	504975.0	5409673.0
L4975.0	0.0	0.0	27904.69922	392.92	0	48.840011	-86.932199	56141.29	56231.1	18.93	56160.22	56220.50391	56198.60700	56244.64844	504975.0	5409673.0
L4975.0	0.0	0.0	27904.80078	392.55	0	48.840005	-86.932198	56141.74	56231.1	18.93	56160.67	56221.79688	56194.18337	56240.97656	504975.1	5409672.4
L4975.0	0.0	0.0	27904.90039	372.73	0	48.839998	-86.932198	56142.41	56231.1	18.93	56161.33	56223.28125	56194.83342	56242.36328	504975.1	5409671.5
L4975.0	0.0	0.0	27905.00000	374.26	0	48.839990	-86.932197	56142.75	56231.1	18.93	56161.68	56224.44531	56188.46730	56236.72656	504975.2	5409670.7
L4975.0	0.0	0.0	27905.09961	373.56	0	48.839984	-86.932196	56143.38	56231.1	18.93	56162.31	56225.86719	56188.80693	56237.78516	504975.2	5409670.0
L4975.0	0.0	0.0	27905.19922	372.35	0	48.839984	-86.932196	56144.33	56231.1	18.94	56163.27	56227.60547	56197.01700	56246.70313	504975.2	5409670.0
L4975.0	0.0	0.0	27905.30078	394.81	0	48.839977	-86.932195	56145.03	56231.1	18.94	56163.97	56229.07031	56199.37960	56249.76563	504975.3	5409669.2
L4975.0	0.0	0.0	27905.40039	392.24	0	48.839977	-86.932195	56146.02	56231.1	18.95	56164.97	56230.81641	56208.91876	56259.99609	504975.3	5409669.2
L4975.0	0.0	0.0	27905.50000	392.82	0	48.839969	-86.932195	56146.14	56231.1	18.95	56165.09	56231.66797	56198.19653	56249.95313	504975.3	5409668.4
L4975.0	0.0	0.0	27905.59961	393.41	0	48.839961	-86.932194	56146.53	56231	18.95	56165.48	56232.77344	56193.95656	56246.38281	504975.4	5409667.5
L4975.0	0.0	0.0	27905.59961	393.41	0	48.839957	-86.932194	56146.64	56231	18.95	56165.60	56233.59375	56183.64324	56236.73047	504975.4	5409667.1
L4975.0	0.0	0.0	27905.80078	392.44	0	48.839957	-86.932194	56147.70	56231	18.96	56166.66	56235.33594	56195.39526	56249.13672	504975.4	5409667.1
L4975.0	0.0	0.0	27905.90039	389.26	0	48.839951	-86.932193	56148.09	56231	18.97	56167.05	56236.39453	56191.77509	56246.16016	504975.4	5409666.3
L4975.0	0.0	0.0	27906.00000	391.07	0	48.839945	-86.932193	56148.88	56231	18.97	56167.85	56237.84766	56197.89818	56252.91406	504975.5	5409665.7
L4975.0	0.0	0.0	27906.09961	391.41	0	48.839940	-86.932192	56149.91	56231	18.97	56168.87	56239.50391	56209.34740	56264.98828	504975.5	5409665.2
L4975.0	0.0	0.0	27906.19922	392.61	0	48.839940	-86.932192	56150.38	56231	18.97	56169.34	56240.59375	56208.21821	56264.47266	504975.5	5409665.2
L4975.0	0.0	0.0	27906.30078	392.41	0	48.839932	-86.932192	56150.95	56231	18.96	56169.91	56241.76953	56209.62656	56266.49219	504975.5	5409664.3
L4975.0	0.0	0.0	27906.40039	388.76	0	48.839927	-86.932192	56151.45	56231	18.96	56170.42	56242.86719	56209.85260	56267.31641	504975.5	5409663.7
L4975.0	0.0	0.0	27906.50000	389.53	0	48.839922	-86.932192	56152.09	56231	18.96	56171.05	56244.07422	56213.08271	56271.13281	504975.6	5409663.1
L4975.0	0.0	0.0	27906.59961	390.20	0	48.839922	-86.932192	56152.62	56231	18.96	56171.57	56245.15234	56213.96907	56272.60156	504975.6	5409663.1
L4975.0	0.0	0.0	27906.69922	389.00	0	48.839915	-86.932191	56152.95	56231	18.96	56171.91	56246.03906	56210.88433	56270.08984	504975.6	5409662.4
L4975.0	0.0	0.0	27906.80078	389.15	0	48.839910	-86.932191	56153.96	56231	18.95	56172.91	56247.57031	56223.36217	56283.13281	504975.6	5409661.8
L4975.0	0.0	0.0	27906.90039	388.77	0	48.839910	-86.932191	56154.16	56231	18.95	56173.11	56248.28906	56217.45205	56277.78125	504975.6	5409661.8
L4975.0	0.0	0.0	27907.00000	390.21	0	48.839905	-86.932191	56154.74	56231.1	18.95	56173.69	56249.37109	56220.59375	56281.46875	504975.6	5409661.3
L4975.0	0.0	0.0	27907.09961	390.05	0	48.839901	-86.932191	56154.29	56231.1	18.95	56173.24	56249.41016	56199.99921	56261.41797	504975.6	5409660.8
L4975.0	0.0	0.0	27907.19922	389.47	0	48.839901	-86.932191	56154.16	56231.1	18.95	56173.11	56249.75391	56187.06117	56249.01172	504975.6	5409660.8
L4975.0	0.0	0.0	27907.30078	389.64	0	48.839896	-86.932190	56154.08	56231.1	18.95	56173.03	56250.13672	56175.50083	56237.98047	504975.7	5409660.3
L4975.0	0.0	0.0	27907.40039	391.81	0	48.839892	-86.932190	56154.70	56231.1	18.95	56173.64	56251.19531	56180.20039	56243.19922	504975.7	5409659.7
L4975.0	0.0	0.0	27907.50000	393.45	0	48.839888	-86.932190	56155.48	56231.1	18.95	56174.43	56252.42188	56189.29992	56252.81250	504975.7	5409659.3
L4975.0	0.0	0.0	27907.59961	392.26	0	48.839888	-86.932190	56156.59	56231.1	18.95	56175.54	56253.95313	56206.05441	56270.07422	504975.7	5409659.3
L4975.0	0.0	0.0	27907.59961	392.26	0	48.839882	-86.932189	56157.56	56231.1	18.95	56176.50	56255.32422	56219.53385	56284.05469	504975.7	5409658.6
L4975.0	0.0	0.0	27907.80078	394.18	0	48.839876	-86.932188	56157.85	56231.1	18.95	56176.80	56256.02344	56217.87796	56282.89063	504975.8	5409658.0
L4975.0	0.0	0.0	27907.90039	393.20	0	48.839876	-86.932188	56158.52	56231.1	18.95	56177.47	56257.08203	56225.03743	56290.53906	504975.8	5409658.0
L4975.0	0.0	0.0	27908.00000	395.14	0	48.839871	-86.932188	56158.51	56231.1	18.95	56177.46	56257.44922	56216.59463	56282.57813	504975.8	5409657.5
L4975.0	0.0	0.0	27908.09961	394.20	0	48.839867	-86.932187	56158.64	56231	18.95	56177.60	56257.95313	56211.84926	56278.30859	504975.9	5409657.1
L4975.0	0.0	0.0	27908.19922	395.75	0	48.839867	-86.932187	56158.94	56231	18.95	56177.89	56258.59766	56210.80012	56277.73047	504975.9	5409657.1
L4975.0	0.0	0.0	27908.30078	395.99	0	48.839863	-86.932186	56159.65	56231	18.96	56178.60	56259.64844	56219.72448	56287.12109	504976.0	5409656.5
L4975.0	0.0	0.0	27908.40039	395.41	0	48.839858	-86.932185	56159.89	56231	18.96	56178.85	56260.23438	56218.15749	56286.01563	504976.0	5409656.0
L4975.0	0.0	0.0	27908.50000	395.40	0	48.839858	-86.932185	56160.38	56231	18.96	56179.33	56261.03906	56222.14286	56290.45703	504976.0	5409656.0
L4975.0	0.0	0.0	27908.59961	395.60	0	48.839854	-86.932184	56160.77	56231	18.96	56179.73	56261.75000	56224.47029	56293.23828	504976.1	5409655.6
L4975.0	0.0	0.0	27908.69922	396.01	0	48.839851	-86.932183	56161.22	56231	18.96	56180.19	56262.51563	56228.39365	56297.60938	504976.2	5409655.2
L4975.0	0.0	0.0	27908.80078	394.58	0	48.839851	-86.932183	56161.62	56231	18.97	56180.59	56263.21484	56231.12070	56300.77734	504976.2	5409655.2
L4975.0	0.0	0.0	27908.90039	392.57	0	48.839847	-86.932182	56161.43	56231	18.97	56180.39	56263.30078	56220.09245	56290.19141	504976.2	5409654.8
L4975.0	0.0	0.0	27909.00000	394.35	0	48.839847	-86.932182	56161.46	56231	18.97	56180.43	56263.62109	56214.84025	56285.37109	504976.2	5409654.8
L4975.0	0.0	0.0	27909.09961	394.22	0	48.839844	-86.932181	56162.06	56231	18.97	56181.04	56264.50391	56223.03590	56294.00000	504976.3	5409654.4
L4975.0	0.0	0.0	27909.19922	393.45	0	48.839841	-86.932181	56162.84	56231	18.97	56181.81	56265.53906	56235.14316	56306.53906	504976.4	5409654.2
L4975.0	0.0	0.0	27909.30078	394.65	0	48.839838	-86.932180	56163.77	56231	18.98	56182.74	56266.72656	56251.15986	56322.98047	504976.4	5409653.8
L4975.0	0.0	0.0	27909.40039	394.59	0	48.839836	-86.932179	56164.34	56231	18.98	56183.32	56267.55859	56259.22423	56331.46875	504976.5	5409653.5
L4975.0	0.0	0.0	27909.50000	392.38	0	48.839833	-86.932178	56164.63	56231	18.98	56183.61	56268.08984	56260.72919	56333.39453	504976.5	5409653.3
L4975.0	0.0	0.0	27909.59961	391.09	0	48.839833	-86.932178	56164.23	56231	18.98	56183.22	56267.94141	56246.60331	56319.68750	504976.5	5409653.3
L4975.0	0.0	0.0	27909.59961	391.09	0	48.839831	-86.932178	56164.15	56231	18.98	56183.13	56268.08203	56239.63302	56313.13281	504976.6	5409653.0
L4975.0	0.0	0.0	27909.80078	390.43	0	48.839828	-86.932177	56164.14	56231	18.99	56183.12	56268.30078	56234.69995	56308.61719	504976.6	5409652.7
L4975.0	0.0	0.0	27909.90039	391.57	0	48.839828	-86.932177	56164.71	56231	18.99	56183.70	56269.10156	56243.66105	56317.98828	504976.6	5409652.7
L4975.0	0.0	0.0	27910.00000	391.04	0	48.839825	-86.932177	56164.82	56231	18.99	56183.81	56269.42969	56241.86454	56316.60547	504976.7	5409652.3
L4975.0	0.0	0.0	27910.09961	392.59	0	48.839823	-86.932176	56164.84	56231	18.99	56183.83	56269.66406	56238.14429	56313.29297	504976.7	5409652.1
L4975.0	0.0	0.0	27910.19922	394.24	0	48.839823	-86.932176	56164.45	56231	18.99	56183.45	56269.49219	56225.28888	56300.84766	504976.7	5409652.1
L4975.0	0.0	0.0	27910.30078	393.90	0	48.839820	-86.932176	56164.64	56231	18.99	56183.63	56269.87891	56225.61938	56301.58984	504976.7	5409651.8
L4975.0	0.0	0.0	27910.40039	393.04	0	48.839819	-86.932176	56164.71	56231	18.99	56183.70	56270.15234	56223.55291	56299.92969	504976.7	5409651.7
L4975.0	0.0	0.0	27910.50000	394.08	0	48.839819	-86.932176	56164.98	56231	18.99	56183.97	56270.62109	56226.29542	56303.08203	504976.7	5409651.7
L4975.0	0.0	0.0	27910.59961	394.02	0	48.839817	-86.932176	56165.45	56231	19.00	56184.45	56271.29688	56234.07666	56311.26953	504976.7	5409651.5
L4975.0	0.0	0.0	27910.69922	393.17	0	48.839816	-86.932176	56165.72	56231	19.00	56184.72	56271.76172	56237.12716	56314.73047	504976.7	5409651.3

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4975.0	0.0	0.0	27910.80078	395.96	0	48.839815	-86.932176	56165.75	56231	19.00	56184.74	56271.97266	56234.51395	56312.52344	504976.7	5409651.2
L4975.0	0.0	0.0	27910.90039	397.55	0	48.839814	-86.932176	56165.86	56231	19.00	56184.86	56272.28125	56234.37308	56312.79297	504976.7	5409651.1
L4975.0	0.0	0.0	27911.00000	395.53	0	48.839814	-86.932176	56165.71	56231	19.00	56184.71	56272.32031	56228.09777	56306.92578	504976.7	5409651.1
L4975.0	0.0	0.0	27911.09961	396.44	0	48.839812	-86.932176	56165.77	56231	19.00	56184.78	56272.57813	56227.07963	56306.32031	504976.7	5409651.0
L4975.0	0.0	0.0	27911.19922	397.27	0	48.839812	-86.932176	56166.00	56231	19.01	56185.01	56272.99219	56229.92061	56309.57422	504976.7	5409651.0
L4975.0	0.0	0.0	27911.30078	394.65	0	48.839812	-86.932176	56166.22	56231	19.01	56185.23	56273.39844	56232.66474	56312.73047	504976.7	5409650.9
L4975.0	0.0	0.0	27911.40039	393.72	0	48.839812	-86.932176	56166.38	56231	19.02	56185.40	56273.75391	56234.37907	56314.85938	504976.7	5409650.9
L4975.0	0.0	0.0	27911.50000	393.26	0	48.839811	-86.932176	56166.25	56231	19.02	56185.27	56273.80469	56229.24736	56310.14063	504976.7	5409650.8
L4975.0	0.0	0.0	27911.59961	393.33	0	48.839811	-86.932176	56166.18	56231	19.02	56185.20	56273.92188	56225.63828	56306.94922	504976.7	5409650.8
L4975.0	0.0	0.0	27911.59961	393.33	0	48.839810	-86.932176	56165.24	56231	19.02	56184.26	56273.16406	56201.92296	56283.65625	504976.7	5409650.7
L4975.0	0.0	0.0	27911.80078	396.14	0	48.839810	-86.932176	56164.84	56231	19.03	56183.87	56272.95703	56191.11932	56273.27344	504976.7	5409650.7
L4975.0	0.0	0.0	27911.90039	395.16	0	48.839810	-86.932177	56164.69	56231	19.04	56183.73	56273.00391	56186.24855	56268.82422	504976.7	5409650.7
L4975.0	0.0	0.0	27912.00000	394.02	0	48.839810	-86.932177	56164.76	56231	19.04	56183.80	56273.25781	56186.37789	56269.37891	504976.7	5409650.7
L4975.0	0.0	0.0	27912.09961	394.37	0	48.839810	-86.932177	56165.12	56231	19.04	56184.16	56273.80469	56193.36511	56276.79297	504976.6	5409650.7
L4975.0	0.0	0.0	27912.19922	391.43	0	48.839810	-86.932177	56164.79	56231	19.04	56183.84	56273.67188	56184.65137	56268.51172	504976.6	5409650.7
L4975.0	0.0	0.0	27912.30078	394.66	0	48.839810	-86.932178	56165.16	56231	19.05	56184.21	56274.23047	56192.09215	56276.38672	504976.6	5409650.7
L4975.0	0.0	0.0	27912.40039	397.38	0	48.839810	-86.932178	56165.21	56231	19.05	56184.26	56274.47266	56192.19855	56276.92969	504976.6	5409650.7
L4975.0	0.0	0.0	27912.50000	395.07	0	48.839809	-86.932178	56165.42	56230.9	19.05	56184.47	56274.87500	56196.13014	56281.29688	504976.5	5409650.6
L4975.0	0.0	0.0	27912.59961	397.54	0	48.839808	-86.932179	56165.46	56230.9	19.05	56184.52	56275.11719	56196.44339	56282.05078	504976.5	5409650.4
L4975.0	0.0	0.0	27912.69922	396.87	0	48.839808	-86.932179	56165.54	56230.9	19.05	56184.60	56275.39063	56197.55433	56283.60938	504976.5	5409650.4
L4975.0	0.0	0.0	27912.80078	397.39	0	48.839806	-86.932180	56166.20	56230.9	19.06	56185.26	56276.25000	56212.25048	56298.75000	504976.4	5409650.2
L4975.0	0.0	0.0	27912.90039	395.92	0	48.839805	-86.932181	56166.36	56230.9	19.06	56185.42	56276.60938	56215.41553	56302.36719	504976.3	5409650.1
L4975.0	0.0	0.0	27913.00000	395.68	0	48.839803	-86.932182	56166.56	56230.9	19.06	56185.62	56277.00781	56219.60458	56307.00781	504976.2	5409649.9
L4975.0	0.0	0.0	27913.09961	395.23	0	48.839803	-86.932182	56165.85	56230.9	19.06	56184.91	56276.50391	56202.72446	56290.58203	504976.2	5409649.9
L4975.0	0.0	0.0	27913.19922	395.80	0	48.839801	-86.932183	56166.06	56230.9	19.06	56185.12	56276.91797	56207.32804	56295.64453	504976.2	5409649.7
L4975.0	0.0	0.0	27913.30078	396.12	0	48.839799	-86.932184	56165.62	56230.9	19.07	56184.69	56276.69922	56197.13737	56285.91797	504976.1	5409649.5
L4975.0	0.0	0.0	27913.40039	394.33	0	48.839797	-86.932186	56165.88	56230.9	19.07	56184.94	56277.15625	56202.84595	56292.08984	504976.0	5409649.3
L4975.0	0.0	0.0	27913.50000	392.70	0	48.839797	-86.932186	56165.64	56230.9	19.07	56184.71	56277.14063	56197.47758	56287.19141	504976.0	5409649.3
L4975.0	0.0	0.0	27913.59961	392.16	0	48.839795	-86.932187	56165.77	56230.9	19.07	56184.85	56277.49609	56200.79655	56290.98047	504975.9	5409649.0
L4975.0	0.0	0.0	27913.59961	392.16	0	48.839792	-86.932189	56165.82	56230.9	19.07	56184.90	56277.76563	56202.10457	56292.76172	504975.7	5409648.7
L4975.0	0.0	0.0	27913.80078	394.33	0	48.839792	-86.932189	56165.19	56230.9	19.08	56184.26	56277.34375	56187.44787	56278.58203	504975.7	5409648.7
L4975.0	0.0	0.0	27913.90039	393.17	0	48.839790	-86.932191	56164.96	56230.9	19.08	56184.04	56277.34766	56182.63702	56274.25391	504975.6	5409648.5
L4975.0	0.0	0.0	27914.00000	392.31	0	48.839788	-86.932193	56164.16	56230.9	19.08	56183.24	56276.77344	56164.41681	56256.51563	504975.5	5409648.2
L4975.0	0.0	0.0	27914.09961	393.82	0	48.839788	-86.932193	56164.30	56230.9	19.08	56183.38	56277.14453	56168.13208	56260.71484	504975.5	5409648.2
L4975.0	0.0	0.0	27914.19922	393.56	0	48.839785	-86.932195	56164.14	56230.9	19.08	56183.22	56277.21484	56164.94683	56258.01953	504975.3	5409647.9
L4975.0	0.0	0.0	27914.30078	393.21	0	48.839782	-86.932197	56164.05	56230.9	19.08	56183.12	56277.34766	56163.23148	56256.79688	504975.2	5409647.6
L4975.0	0.0	0.0	27914.40039	393.47	0	48.839779	-86.932199	56163.95	56230.9	19.08	56183.03	56277.49219	56161.82236	56255.88281	504975.0	5409647.3
L4975.0	0.0	0.0	27914.50000	394.66	0	48.839779	-86.932199	56163.86	56230.9	19.07	56182.93	56277.62891	56160.25352	56254.80859	504975.0	5409647.3
L4975.0	0.0	0.0	27914.59961	396.87	0	48.839776	-86.932202	56163.89	56230.9	19.07	56182.97	56277.91016	56162.01224	56257.06641	504974.8	5409646.9
L4975.0	0.0	0.0	27914.69922	396.78	0	48.839772	-86.932205	56164.01	56230.9	19.07	56183.08	56278.26172	56165.47001	56261.02734	504974.6	5409646.5
L4975.0	0.0	0.0	27914.80078	396.17	0	48.839772	-86.932205	56164.28	56230.9	19.07	56183.35	56278.77734	56172.71900	56268.78125	504974.6	5409646.5
L4975.0	0.0	0.0	27914.90039	396.30	0	48.839768	-86.932208	56164.20	56230.9	19.07	56183.27	56278.94531	56171.89909	56268.46875	504974.3	5409646.0
L4975.0	0.0	0.0	27915.00000	396.14	0	48.839768	-86.932208	56164.44	56230.9	19.07	56183.51	56279.43359	56178.58986	56275.66797	504974.3	5409646.0
L4975.0	0.0	0.0	27915.09961	394.83	0	48.839763	-86.932212	56164.73	56230.9	19.08	56183.81	56279.98438	56186.74478	56284.33594	504974.0	5409645.4
L4975.0	0.0	0.0	27915.19922	392.64	0	48.839760	-86.932215	56165.26	56230.9	19.09	56184.35	56280.77734	56200.54912	56298.65234	504973.9	5409645.1
L4975.0	0.0	0.0	27915.30078	392.15	0	48.839756	-86.932217	56165.12	56230.9	19.09	56184.21	56280.89453	56198.60887	56297.22656	504973.7	5409644.7
L4975.0	0.0	0.0	27915.40039	394.31	0	48.839756	-86.932217	56165.34	56230.9	19.10	56184.44	56281.37891	56205.34030	56304.47656	504973.7	5409644.7
L4975.0	0.0	0.0	27915.50000	395.95	0	48.839752	-86.932221	56165.70	56230.9	19.11	56184.81	56282.00781	56215.39472	56315.05078	504973.4	5409644.2
L4975.0	0.0	0.0	27915.59961	396.24	0	48.839747	-86.932224	56166.13	56230.9	19.12	56185.25	56282.70703	56227.14409	56327.32031	504973.2	5409643.6
L4975.0	0.0	0.0	27915.59961	396.24	0	48.839747	-86.932224	56166.38	56230.9	19.12	56185.50	56283.21875	56234.54215	56335.23828	504973.2	5409643.6
L4975.0	0.0	0.0	27915.80078	394.42	0	48.839742	-86.932227	56166.28	56230.9	19.13	56185.41	56283.39063	56234.10064	56335.32031	504973.0	5409643.2
L4975.0	0.0	0.0	27915.90039	394.59	0	48.839738	-86.932229	56166.36	56230.9	19.14	56185.50	56283.74219	56237.91142	56339.65625	504972.8	5409642.7
L4975.0	0.0	0.0	27916.00000	395.88	0	48.839732	-86.932233	56166.20	56230.8	19.15	56185.35	56283.85547	56236.20773	56338.47656	504972.5	5409642.1
L4975.0	0.0	0.0	27916.09961	394.61	0	48.839732	-86.932233	56165.88	56230.9	19.15	56185.02	56283.78906	56230.38468	56333.17969	504972.5	5409642.1
L4975.0	0.0	0.0	27916.19922	398.71	0	48.839728	-86.932236	56166.00	56230.9	19.15	56185.15	56284.18359	56235.32471	56338.64453	504972.3	5409641.6
L4975.0	0.0	0.0	27916.30078	399.18	0	48.839723	-86.932239	56166.20	56230.9	19.14	56185.34	56284.64063	56241.72615	56345.57422	504972.1	5409641.0
L4975.0	0.0	0.0	27916.40039	398.41	0	48.839716	-86.932243	56165.90	56230.9	19.14	56185.04	56284.60547	56236.79929	56341.17578	504971.8	5409640.3
L4975.0	0.0	0.0	27916.50000	399.42	0	48.839716	-86.932243	56166.20	56230.9	19.14	56185.34	56285.17188	56245.89085	56350.79297	504971.8	5409640.3
L4980.0	504978.0	5409799.4	10288.00000	295.13	37.5	48.841148	-86.932156	55911.43	56247.6	2.36	55913.79	56046.50000	55912.21206	55985.56641	504978.0	5409799.4
L4980.0	504978.1	5409799.3	10288.09961	294.21	35.36	48.841147	-86.932156	55910.27	56247.6	2.36	55912.62	56045.66016	55911.26440	55984.91797	504978.1	5409799.3
L4980.0	504978.1	5409799.3	10288.20020	292.59	34.87	48.841147	-86.932156	55909.66	56247.6	2.36	55912.02	56045.39063	55910.69757	55984.64844	504978.1	5409799.3
L4980.0	504978.1	5409799.2	10288.29981	294.19	34.87	48.841146	-86.932155	55908.81	56247.6	2.35	55911.16	56044.85938	55909.95345	55984.20313	504978.1	5409799.2
L4980.0	504978.1	5409799.1	10288.40039	290.29	35.56	48.841145	-86.932155	55907.84	56247.6	2.35	55910.20	56044.23047	55909.14421	55983.69531	504978.1	5409799.1
L4980.0	504978.1	5409799.0	10288.50000	281.38	35.56	48.841144	-86.932155	55906.70	56247.7	2.35	55909.05	56043.41016	55908.22304	55983.07422	504978.1	5409799.0
L4980.0	504978.1	5409798.8	10288.59961	281.32	34.59	48.841143	-86.932155	55906.32	56247.7	2.35	55908.67	56043.35938	55907.77320	55982.92578	504978.1	5409798.8
L4980.0	504978.2	5409798.7	10288.70020	288.76	35.79	48.841141	-86.932154	55904.58	56247.7	2.35	55906.92	56041.94141	55906.52097	55981.97656	504978.2	5409798.7
L4980.0	504978.2	5409798.5	10288.79981	293.69	35.79	48.841140	-86.932154	55904.75	56247.7	2.34	55907.10	56042.44922	55906.38921	55982.14844	504978.2	5409798.5
L4980.0	504978.2	5409798.5	10288.90039	291.16	38.66	48.841140	-86.932154	55903.92	56247.7	2.34	55906.26	56041.94141	55905.67518	55981.73828	504978.2	5409798.5
L4980.0	504978.2	5409798.3	10289.00000	293.02	40.21	48.841138	-86.932154	55903.11	56247.7	2.34	55905.45	56041.46484	55904.98637	55981.35547	504978.2	5409798.3
L4980.0	504978.2	5409798.2	10289.09961	296.17	40.21	48.841137	-86.932154	55900.38	56247.7	2.35	55902.72	56039.06641	55903.31934	55979.99219	504978.2	5409798.2
L4980.0	504978.2	5409798.0	10289.20020	297.35	39.72	48.841135	-86.932154	55900.23	56247.6	2.35	55902.58	56039.26172	55903.01831	55980.00000	504978.2	5409798.0
L4980.0	504978.2	5409798.0	10289.20020	297.35	39.72	48.841135	-86.932154	55900.18	56247.6	2.35	55902.53	56039.54297	55902.75511	55980.04688	504978.2	5409798.0
L4980.0	504978.2	5409797.7	10289.40039	296.40	42.1	48.841133	-86.932153	55899.29	56247.6	2.36	55901.66	56039.00781	55902.10197	55979.70703	504978.2	5409797.7
L4980.0	504978.3	5409797.5	10289.50000	296.40	42.1	48.841131	-86.932153	55898.18	56247.6	2.37	55900.55	56038.23438	55901.36247	55979.28125	504978.3	5409797.5
L4980.0	504978.3	5409797.5	10289.59961	293.92	43.3	48.841131	-86.932153	55898.03	56247.6	2.38	55900.40	56038.41797	55901.06924	55979.30859	504978.3	5409797.5
L4980.0	504978.3	5409797.3	10289.70020	292.39	43.3	48.841129	-86.932152	55898.00	56247.6	2.38	55900.38	56038.73438	55900.82581	55979.38281	504978.3	5409797.3
L4980.0	504978.4	5409797.0	10289.79981	292.33	43.31	48.841126	-86.932152	55897.68	56247.6	2.39	55900.06	56038.75391	55900.45315	55979.33203	504978.4	5409797.0
L4980.0	504978.4	5409796.7	10289.90039	292.29	43.31	48.841124	-86.932151	55898.08	56247.6	2.39	55900.47	56039.50000	55900.34518	55979.54688	504978.4	5409796.7
L4980.0	504978.4	5409796.7	10290.00000	291.98	43.26	48.841124	-86.932151	55897.70	56247.6	2.40	55900.10	56039.47266	55899.92671	55979.45703	504978.4	5409796.7
L4980.0	504978.5	5409796.4	10290.09961	293.86	43.03	48.841121	-86.932150	55897.14	56247.6	2.40	55899.55	56039.26172	55899.44101	55979.30078	504978.5	5409796.4
L4980.0	504978.6	5409796.1	10290.20020	291.62	43.03	48.841118	-86.932149	55897.12	56247.6	2.41	55899.53	56039.58203	55899.10296	55979.29688	504978.6	5409796.1
L4980.0	504978.6	5409796.1	10290.29981	291.64	41.77	48.841118	-86.932149	55896.79	56247.6	2.41	55899.20	56039.59375	55898.64603	55979.17578	504978.6	5409796.1
L4980.0	504978.6	5409795.8	10290.40039	291.15	41.77	48.841115	-86.932148	55896.41	56247.6	2.42	55898.82	56039.55859	55898.15308	55979.01953	504978.6	5409795.8
L4980.0	504978.7	5409795.4	10290.50000	290.23	40.21	48.841112	-86.932147	55895.63	56247.6	2.42	55898.04	56039.12109	55897.55509	55978.76563	504978.7	5409795.4
L4980.0	504978.8	5409795.0	10290.59961	288.66	40.21	48.841108	-86.932146	55894.59	56247.6	2.42	55897.01	56038.43750	55896.90915	55978.46875	504978.8	5409795.0
L4980.0	504978.8	5409795.0	10290.70020	289.41	42.15	48.841108	-86.932146	55893.60	56247.6	2.43	55896.03	56037.80469	55896.27655	55978.18359	504978.8	5409795.0
L4980.0	504978.8	5409794.5	10290.79981	289.22	42.15	48.841104	-86.932145	55893.10	56247.6	2.43	55895.53	56037.65234	55895.70695	55977.96875	504978.8	5409794.5
L4980.0	504978.9	5409794.2	10290.90039	292.17	42.85	48.841101	-86.932144	55893.12	56247.6	2.44	55895.56	56038.02734	55895.17982	55977.80078	504978.9	5409794.2
L4980.0	504978.9	5409793.8	10291.00000	290.43	42.85	48.841097	-86.932144	55891.50	56247.6	2.44	55893.94	56036.75781	55894.44052	55977.42188	504978.9	5409793.8
L4980.0	504978.9	5409793.8	10291.09961	289.14	42.97	48.841097	-86.932144	55891.27	56247.6	2.44	55893.71	56036.87891	55893.84460	55977.19141	504978.9	5409793.8
L4980.0	504979.0	5409793.2	10291.20020	287.61	42.97	48.841092	-86.932143	55888.52	56247.6	2.44	55890.96	56034.48047	55892.97484	55976.69141	504979.0	5409793.2
L4980.0	504979.0	5409792.7	10291.20020	287.61	42.87	48.841087	-86.932142	55888.32	56247.6	2.44	55890.76	56034.63281	55892.34900	55976.44141	504979.0	5409792.7
L4980.0	504979.0	5409792.7	10291.40039	289.27	42.07	48.841087	-86.932142	55889.27	56247.6	2.44	55891.72	56035.94531	55891.83634	55976.30859	504979.0	5409792.7

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4980.0	504979.1	5409792.2	10291.50000	289.91	42.07	48.841083	-86.932142	55887.10	56247.6	2.44	55889.55	56034.13281	55890.96855	55975.82422	504979.1	5409792.2
L4980.0	504979.1	5409791.8	10291.59961	290.49	41.24	48.841079	-86.932141	55885.84	56247.6	2.45	55888.28	56033.21484	55890.17447	55975.41797	504979.1	5409791.8
L4980.0	504979.2	5409791.1	10291.70020	293.30	41.24	48.841073	-86.932141	55885.38	56247.6	2.45	55887.83	56033.12500	55889.46731	55975.10156	504979.2	5409791.1
L4980.0	504979.2	5409790.7	10291.79981	292.60	41.59	48.841069	-86.932140	55884.59	56247.6	2.45	55887.04	56032.69141	55888.70140	55974.73438	504979.2	5409790.7
L4980.0	504979.2	5409790.3	10291.90039	290.85	41.59	48.841066	-86.932140	55883.76	56247.6	2.45	55886.21	56032.21875	55887.91411	55974.35156	504979.2	5409790.3
L4980.0	504979.2	5409790.3	10292.00000	290.90	42.38	48.841066	-86.932140	55883.20	56247.6	2.45	55885.65	56032.01563	55887.16086	55974.00391	504979.2	5409790.3
L4980.0	504979.3	5409789.7	10292.09961	291.50	42.38	48.841061	-86.932139	55882.14	56247.5	2.45	55884.60	56031.32813	55886.30160	55973.55859	504979.3	5409789.7
L4980.0	504979.3	5409789.2	10292.20020	288.99	43.97	48.841056	-86.932139	55880.65	56247.5	2.46	55883.11	56030.19922	55885.32090	55972.99609	504979.3	5409789.2
L4980.0	504979.3	5409788.6	10292.29981	288.06	43.97	48.841051	-86.932139	55879.54	56247.5	2.46	55882.00	56029.44922	55884.38973	55972.48828	504979.3	5409788.6
L4980.0	504979.3	5409788.6	10292.40039	293.44	43.63	48.841051	-86.932139	55878.47	56247.5	2.47	55880.94	56028.75000	55883.44516	55971.96875	504979.3	5409788.6
L4980.0	504979.4	5409787.8	10292.50000	293.53	43.63	48.841044	-86.932138	55877.72	56247.5	2.47	55880.19	56028.36328	55882.56731	55971.52344	504979.4	5409787.8
L4980.0	504979.4	5409787.2	10292.59961	293.33	39.54	48.841038	-86.932138	55877.08	56247.5	2.47	55879.56	56028.09766	55881.72072	55971.11719	504979.4	5409787.2
L4980.0	504979.4	5409787.2	10292.70020	291.52	41.37	48.841038	-86.932138	55875.08	56247.5	2.48	55877.56	56026.46094	55880.41486	55970.25391	504979.4	5409787.2
L4980.0	504979.4	5409786.5	10292.79981	292.57	41.37	48.841032	-86.932138	55873.87	56247.5	2.48	55876.35	56025.61328	55879.33558	55969.62500	504979.4	5409786.5
L4980.0	504979.4	5409785.8	10292.90039	292.77	41.37	48.841026	-86.932137	55872.50	56247.5	2.49	55874.99	56024.61719	55878.18354	55968.92969	504979.4	5409785.8
L4980.0	504979.4	5409785.1	10293.00000	292.55	41.54	48.841019	-86.932137	55872.53	56247.5	2.49	55875.02	56025.01172	55877.58171	55968.78906	504979.4	5409785.1
L4980.0	504979.4	5409785.1	10293.09961	289.48	38.66	48.841019	-86.932137	55869.98	56247.5	2.49	55872.47	56022.82422	55875.92566	55967.59766	504979.4	5409785.1
L4980.0	504979.4	5409784.3	10293.20020	290.61	38.66	48.841012	-86.932137	55869.85	56247.5	2.49	55872.34	56023.05859	55875.29892	55967.44141	504979.4	5409784.3
L4980.0	504979.4	5409783.5	10293.20020	290.61	38.66	48.841005	-86.932137	55868.64	56247.5	2.49	55871.14	56022.22266	55874.22677	55966.84766	504979.4	5409783.5
L4980.0	504979.4	5409782.8	10293.40039	292.28	39.55	48.840999	-86.932137	55866.08	56247.5	2.50	55868.58	56020.02734	55872.54283	55965.64844	504979.4	5409782.8
L4980.0	504979.4	5409782.8	10293.50000	292.77	41.12	48.840999	-86.932137	55865.68	56247.5	2.50	55868.18	56019.99219	55871.88361	55965.47656	504979.4	5409782.8
L4980.0	504979.4	5409782.1	10293.59961	294.13	41.12	48.840992	-86.932137	55865.02	56247.5	2.50	55867.52	56019.69531	55871.13987	55965.22656	504979.4	5409782.1
L4980.0	504979.4	5409781.3	10293.70020	295.68	41.12	48.840985	-86.932138	55864.74	56247.5	2.50	55867.24	56019.77734	55870.60440	55965.19141	504979.4	5409781.3
L4980.0	504979.4	5409780.4	10293.79981	296.83	42.69	48.840977	-86.932138	55862.29	56247.5	2.51	55864.79	56017.69141	55869.10980	55964.20313	504979.4	5409780.4
L4980.0	504979.4	5409780.4	10293.90039	298.27	41.15	48.840977	-86.932138	55861.56	56247.5	2.51	55864.06	56017.32031	55868.44251	55964.04688	504979.4	5409780.4
L4980.0	504979.4	5409779.5	10294.00000	295.94	42.57	48.840969	-86.932138	55859.83	56247.5	2.51	55862.34	56015.96484	55867.38738	55963.50781	504979.4	5409779.5
L4980.0	504979.4	5409778.7	10294.09961	296.68	42.57	48.840961	-86.932138	55859.25	56247.5	2.51	55861.76	56015.74219	55866.85874	55963.50391	504979.4	5409778.7
L4980.0	504979.4	5409778.7	10294.20020	294.73	42.65	48.840961	-86.932138	55859.71	56247.5	2.51	55862.22	56016.56250	55866.74883	55963.92188	504979.4	5409778.7
L4980.0	504979.3	5409777.7	10294.29981	294.23	42.65	48.840953	-86.932138	55855.56	56247.5	2.51	55858.07	56012.76953	55864.95454	55962.66016	504979.3	5409777.7
L4980.0	504979.3	5409776.9	10294.40039	293.25	44.68	48.840946	-86.932139	55855.63	56247.5	2.51	55858.14	56013.19531	55864.75828	55963.00781	504979.3	5409776.9
L4980.0	504979.3	5409776.1	10294.50000	292.96	44.68	48.840938	-86.932139	55855.02	56247.5	2.51	55857.53	56012.94141	55864.33788	55963.13281	504979.3	5409776.1
L4980.0	504979.3	5409776.1	10294.59961	291.52	37.95	48.840938	-86.932139	55853.96	56247.5	2.51	55856.47	56012.23828	55863.80438	55963.14844	504979.3	5409776.1
L4980.0	504979.3	5409775.3	10294.70020	289.75	40.64	48.840931	-86.932139	55853.58	56247.5	2.51	55856.09	56012.21094	55863.47838	55963.38281	504979.3	5409775.3
L4980.0	504979.3	5409775.3	10294.79981	290.19	40.64	48.840931	-86.932139	55852.81	56247.5	2.51	55855.32	56011.78906	55863.05820	55963.52344	504979.3	5409775.3
L4980.0	504979.3	5409774.2	10294.90039	289.83	40.01	48.840921	-86.932140	55851.41	56247.5	2.51	55853.92	56010.73828	55862.52518	55963.55859	504979.3	5409774.2
L4980.0	504979.2	5409773.3	10295.00000	289.37	39.65	48.840913	-86.932140	55851.31	56247.5	2.51	55853.82	56010.98438	55862.27192	55963.87891	504979.2	5409773.3
L4980.0	504979.2	5409772.4	10295.09961	288.84	39.65	48.840905	-86.932140	55849.34	56247.5	2.51	55851.85	56009.35938	55861.70633	55963.89453	504979.2	5409772.4
L4980.0	504979.2	5409771.5	10295.20020	289.37	42.5	48.840897	-86.932141	55848.75	56247.5	2.52	55851.27	56009.12500	55861.39469	55964.16797	504979.2	5409771.5
L4980.0	504979.2	5409770.8	10295.20020	289.37	42.5	48.840891	-86.932141	55846.93	56247.5	2.52	55849.45	56007.64453	55860.93941	55964.30469	504979.2	5409770.8
L4980.0	504979.2	5409770.1	10295.40039	289.16	44.55	48.840884	-86.932141	55846.78	56247.5	2.53	55849.30	56007.83203	55860.69476	55964.65625	504979.2	5409770.1
L4980.0	504979.2	5409770.1	10295.50000	290.22	45.52	48.840884	-86.932141	55847.03	56247.5	2.53	55849.56	56008.42578	55860.47334	55965.03906	504979.2	5409770.1
L4980.0	504979.2	5409768.9	10295.59961	292.59	45.52	48.840873	-86.932141	55845.70	56247.5	2.53	55848.23	56007.42969	55860.11992	55965.29297	504979.2	5409768.9
L4980.0	504979.1	5409768.2	10295.70020	291.49	46.97	48.840867	-86.932141	55845.24	56247.5	2.54	55847.78	56007.30859	55859.84477	55965.62891	504979.1	5409768.2
L4980.0	504979.1	5409767.2	10295.79981	293.35	46.97	48.840858	-86.932142	55844.18	56247.5	2.54	55846.72	56006.57813	55859.55040	55965.95313	504979.1	5409767.2
L4980.0	504979.1	5409766.5	10295.90039	292.74	47.16	48.840852	-86.932142	55842.78	56247.5	2.55	55845.33	56005.51172	55859.27289	55966.30078	504979.1	5409766.5
L4980.0	504979.1	5409766.5	10296.00000	292.10	49.66	48.840852	-86.932142	55843.26	56247.4	2.55	55845.81	56006.31250	55859.10302	55966.76172	504979.1	5409766.5
L4980.0	504979.1	5409765.2	10296.09961	291.72	49.66	48.840840	-86.932142	55842.84	56247.4	2.55	55845.39	56006.21094	55858.93263	55967.22266	504979.1	5409765.2
L4980.0	504979.1	5409764.6	10296.20020	292.82	49.8	48.840835	-86.932142	55841.75	56247.4	2.55	55844.30	56005.43359	55858.79742	55967.73047	504979.1	5409764.6
L4980.0	504979.1	5409763.6	10296.29981	290.44	44.68	48.840826	-86.932142	55842.18	56247.4	2.55	55844.73	56006.17578	55858.74408	55968.32031	504979.1	5409763.6
L4980.0	504979.1	5409762.7	10296.40039	292.49	44.68	48.840818	-86.932142	55840.94	56247.4	2.55	55843.49	56005.24219	55858.73813	55968.96484	504979.1	5409762.7
L4980.0	504979.1	5409762.7	10296.50000	290.26	45.3	48.840818	-86.932142	55841.06	56247.4	2.55	55843.61	56005.66406	55858.80025	55969.67969	504979.1	5409762.7
L4980.0	504979.1	5409761.4	10296.59961	285.84	47.73	48.840806	-86.932143	55841.37	56247.4	2.55	55843.92	56006.27344	55858.91161	55970.45313	504979.1	5409761.4
L4980.0	504979.1	5409760.2	10296.70020	284.55	47.73	48.840795	-86.932143	55841.21	56247.4	2.55	55843.76	56006.41016	55859.08743	55971.29297	504979.1	5409760.2
L4980.0	504979.1	5409759.3	10296.79981	286.96	49.83	48.840787	-86.932143	55840.45	56247.4	2.55	55843.00	56005.94141	55859.35315	55972.22656	504979.1	5409759.3
L4980.0	504979.0	5409758.3	10296.90039	290.76	49.83	48.840778	-86.932143	55839.32	56247.4	2.55	55841.87	56005.10156	55859.71952	55973.26953	504979.0	5409758.3
L4980.0	504979.0	5409758.3	10297.00000	290.47	47.47	48.840778	-86.932143	55839.68	56247.4	2.55	55842.23	56005.74219	55860.03928	55974.26563	504979.0	5409758.3
L4980.0	504979.0	5409757.2	10297.09961	288.61	47.47	48.840768	-86.932143	55840.33	56247.4	2.55	55842.88	56006.67188	55860.36232	55975.27344	504979.0	5409757.2
L4980.0	504979.0	5409756.2	10297.20020	287.38	47.62	48.840759	-86.932143	55840.25	56247.4	2.55	55842.81	56006.87500	55860.78882	55976.38672	504979.0	5409756.2
L4980.0	504979.1	5409755.2	10297.20020	287.38	47.62	48.840750	-86.932143	55839.90	56247.4	2.55	55842.45	56006.78516	55861.28414	55977.57422	504979.1	5409755.2
L4980.0	504979.1	5409755.2	10297.40039	291.37	47.7	48.840750	-86.932143	55840.00	56247.4	2.56	55842.56	56007.16016	55861.74125	55978.73047	504979.1	5409755.2
L4980.0	504979.1	5409754.1	10297.50000	290.82	47.82	48.840741	-86.932143	55840.33	56247.4	2.56	55842.89	56007.75000	55862.17517	55979.86328	504979.1	5409754.1
L4980.0	504979.0	5409753.1	10297.59961	287.47	47.82	48.840731	-86.932143	55840.56	56247.4	2.56	55843.13	56008.24609	55862.62126	55981.01563	504979.0	5409753.1
L4980.0	504979.0	5409752.0	10297.70020	286.17	49.71	48.840721	-86.932143	55840.98	56247.4	2.56	55843.54	56008.90625	55863.03832	55982.14453	504979.0	5409752.0
L4980.0	504979.0	5409752.0	10297.79981	286.03	49.41	48.840721	-86.932143	55841.14	56247.4	2.57	55843.71	56009.32422	55863.47922	55983.29688	504979.0	5409752.0
L4980.0	504979.0	5409749.9	10297.90039	287.30	49.41	48.840702	-86.932143	55841.29	56247.4	2.57	55843.86	56009.71484	55863.90304	55984.43750	504979.0	5409749.9
L4980.0	504979.0	5409749.9	10298.00000	288.65	49.41	48.840702	-86.932143	55841.74	56247.4	2.57	55844.31	56010.39844	55864.26884	55985.52734	504979.0	5409749.9
L4980.0	504979.0	5409748.7	10298.09961	287.68	49.47	48.840692	-86.932143	55842.51	56247.4	2.57	55845.08	56011.39844	55864.58893	55986.57031	504979.0	5409748.7
L4980.0	504979.0	5409747.5	10298.20020	286.18	49.47	48.840680	-86.932143	55843.32	56247.4	2.57	55845.89	56012.43359	55864.90810	55987.61719	504979.0	5409747.5
L4980.0	504979.0	5409747.5	10298.29981	285.15	49.46	48.840680	-86.932143	55844.27	56247.4	2.57	55846.84	56013.60156	55865.22077	55988.66406	504979.0	5409747.5
L4980.0	504979.0	5409746.4	10298.40039	288.87	49.46	48.840671	-86.932144	55844.93	56247.4	2.57	55847.50	56014.47656	55865.54497	55989.72266	504979.0	5409746.4
L4980.0	504979.0	5409745.5	10298.50000	290.74	49.49	48.840663	-86.932144	55845.39	56247.4	2.57	55847.96	56015.14453	55865.84899	55990.76563	504979.0	5409745.5
L4980.0	504979.0	5409744.1	10298.59961	291.59	49.49	48.840650	-86.932144	55846.83	56247.4	2.57	55849.40	56016.78516	55866.15626	55991.81641	504979.0	5409744.1
L4980.0	504979.0	5409743.0	10298.70020	290.10	49.49	48.840640	-86.932144	55847.82	56247.4	2.57	55850.39	56017.97266	55866.45441	55992.85938	504979.0	5409743.0
L4980.0	504979.0	5409743.0	10298.79981	290.17	49.49	48.840640	-86.932144	55847.74	56247.4	2.57	55850.31	56018.08594	55866.61012	55993.76172	504979.0	5409743.0
L4980.0	504979.0	5409741.7	10298.90039	291.24	49.49	48.840629	-86.932144	55848.68	56247.4	2.57	55851.25	56019.21094	55866.84128	55994.74609	504979.0	5409741.7
L4980.0	504979.0	5409741.7	10299.00000	293.51	49.49	48.840629	-86.932144	55850.24	56247.4	2.57	55852.81	56020.94922	55867.20143	55995.85938	504979.0	5409741.7
L4980.0	504979.0	5409740.5	10299.09961	292.46	49.49	48.840618	-86.932144	55852.25	56247.4	2.57	55854.81	56023.12500	55867.75073	55997.16406	504979.0	5409740.5
L4980.0	504978.9	5409739.3	10299.20020	291.53	49.49	48.840607	-86.932144	55853.31	56247.4	2.57	55855.87	56024.35156	55868.12208	55998.29297	504978.9	5409739.3
L4980.0	504978.9	5409737.9	10299.20020	291.53	49.49	48.840595	-86.932144	55854.32	56247.4	2.57	55856.89	56025.53516	55868.53860	55999.47266	504978.9	5409737.9
L4980.0	504978.9	5409736.8	10299.40039	286.22	49.49	48.840584	-86.932145	55856.39	56247.4	2.57	55858.96	56027.76172	55869.46915	56001.16406	504978.9	5409736.8
L4980.0	504978.9	5409736.8	10299.50000	287.19	49.49	48.840584	-86.932145	55858.44	56247.4	2.57	55861.01	56029.96484	55870.57209	56003.03516	504978.9	5409736.8
L4980.0	504978.9	5409735.4	10299.59961	288.10	49.49	48.840573	-86.932145	55860.54	56247.4	2.56	55863.10	56032.19922	55871.87701	56005.10547	504978.9	5409735.4
L4980.0	504978.9	5409735.4	10299.70020	289.90	49.49	48.840573	-86.932145	55862.04	56247.4	2.56	55864.60	56033.83594	55873.07024	56007.06641	504978.9	5409735.4
L4980.0	504978.9	5409734.0	10299.79981	290.23	49.49	48.840559	-86.932145	55863.14	56247.4	2.56	55865.71	56035.07813	55874.22929	56008.99609	504978.9	5409734.0
L4980.0	504978.9	5409732.8	10299.90039	293.13	49.49	48.840549	-86.932145	55865.38	56247.4	2.56	55867.94	56037.43750	55876.15307	56011.69531	504978.9	5409732.8
L4980.0	504978.9	5409731.6	10300.00000	295.36	49.49	48.840538	-86.932145	55867.32	56247.4	2.56	55869.88	56039.49609	55878.12091	56014.43359	504978.9	5409731.6
L4980.0	504978.9	5409731.6	10300.09961	297.93	49.49	48.840538	-86.932145	55870.00	56247.4	2.56	55872.56	56042.28906	55880.65708	56017.74609	504978.9	5409731.6
L4980.0	504978.9	5409730.1	10300.20020	296.94	49.49	48.840524	-86.932145	55872.25	56247.4	2.56	55874.81	56044.64844	55883.14873	56021.01172	504978.9	5409730.1
L4980.0	504978.9	5409728.9	10300.29981	298.16	49.49	48.840514	-86.932145	55874.75	56247.4	2.56	55877.31	56047.25391	55885.92613	56024.56641	504978.9	5409728.9
L4980.0	504978.9	5409727.8	10300.40039	297.21	49.49	48.840503	-86.932146	55877.08	56247.4	2.56	55879.64	56049.67969	55888.76045	56028.17969	504978.9	5409727.8
L4980.0	504978.9	5409726.5	10300.50000	298.07	49.49	48.840492	-86.932146	55879.59	56247.4	2.56	55882.15	56052.28125	55891.77928	56031.97656	504978.9	5409726.5
L4980.0	504978.9	5409726.5	10300.59961	295.45	49.49	48.840492	-86.932146	55881.82	56247.4	2.56	55884.38	56054.59375	55894.79405	56035.76953	504978.9	5409726.5
L4980.0	504978.8	5409725.4	10300.70020	291.74	49.49	48.840482	-86.932146	55884.62	56247.4	2.56	55887.18	56057.47266	55898.05444	56039.80859	504978.8	5409725.4

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4980.0	504978.8	5409724.0	10300.79981	290.85	49.49	48.840470	-86.932146	55887.28	56247.4	2.56	55889.84	56060.20313	55901.30676	56043.83594	504978.8	5409724.0
L4980.0	504978.8	5409724.0	10300.90039	288.42	49.49	48.840470	-86.932146	55889.91	56247.4	2.56	55892.47	56062.90234	55904.57681	56047.88672	504978.8	5409724.0
L4980.0	504978.8	5409722.7	10301.00000	288.33	35.3	48.840457	-86.932147	55893.25	56247.4	2.56	55895.81	56066.30078	55907.92076	56052.00781	504978.8	5409722.7
L4980.0	504978.8	5409721.3	10301.09961	287.72	35.3	48.840445	-86.932147	55894.96	56247.4	2.56	55897.53	56068.07422	55911.14196	56056.00391	504978.8	5409721.3
L4980.0	504978.8	5409720.1	10301.20020	286.46	36.32	48.840434	-86.932147	55898.41	56247.4	2.56	55900.97	56071.56250	55914.43676	56060.07813	504978.8	5409720.1
L4980.0	504978.8	5409718.9	10301.20020	286.46	36.32	48.840424	-86.932147	55901.72	56247.4	2.56	55904.28	56074.91797	55917.67568	56064.08984	504978.8	5409718.9
L4980.0	504978.8	5409718.9	10301.29981	285.09	42.56	48.840424	-86.932147	55904.91	56247.4	2.56	55907.47	56078.14453	55920.87872	56068.06641	504978.8	5409718.9
L4980.0	504978.7	5409717.5	10301.50000	284.90	45.42	48.840411	-86.932147	55908.25	56247.4	2.57	55910.81	56081.51563	55924.01992	56071.98047	504978.7	5409717.5
L4980.0	504978.7	5409716.1	10301.59961	284.55	45.42	48.840398	-86.932148	55911.54	56247.4	2.57	55914.10	56084.82813	55927.12194	56075.85547	504978.7	5409716.1
L4980.0	504978.7	5409716.1	10301.70020	284.09	42.49	48.840398	-86.932148	55914.95	56247.4	2.57	55917.51	56088.25781	55930.15408	56079.65625	504978.7	5409716.1
L4980.0	504978.7	5409714.7	10301.79981	285.92	42.49	48.840386	-86.932148	55918.49	56247.4	2.57	55921.06	56091.82031	55933.10846	56083.37891	504978.7	5409714.7
L4980.0	504978.7	5409713.3	10301.90039	287.35	44.47	48.840373	-86.932148	55922.06	56247.4	2.57	55924.63	56095.39844	55936.01856	56087.05469	504978.7	5409713.3
L4980.0	504978.7	5409712.3	10302.00000	287.74	44.47	48.840364	-86.932148	55925.34	56247.4	2.57	55927.91	56098.67969	55938.97876	56090.77734	504978.7	5409712.3
L4980.0	504978.7	5409711.1	10302.09961	287.55	43.91	48.840353	-86.932148	55928.89	56247.4	2.57	55931.46	56102.22656	55941.85574	56094.41406	504978.7	5409711.1
L4980.0	504978.7	5409711.1	10302.20020	289.97	43.3	48.840353	-86.932148	55932.25	56247.4	2.57	55934.82	56105.57422	55944.78489	56098.09766	504978.7	5409711.1
L4980.0	504978.7	5409709.6	10302.29981	289.97	42.85	48.840340	-86.932148	55936.02	56247.4	2.57	55938.59	56109.32813	55947.62199	56101.68750	504978.7	5409709.6
L4980.0	504978.7	5409708.6	10302.40039	290.55	42.85	48.840331	-86.932149	55939.89	56247.4	2.57	55942.46	56113.17578	55950.46738	56105.28516	504978.7	5409708.6
L4980.0	504978.7	5409707.6	10302.50000	291.29	43.47	48.840322	-86.932149	55943.48	56247.4	2.56	55946.04	56116.73047	55953.42834	56108.99219	504978.7	5409707.6
L4980.0	504978.6	5409706.5	10302.59961	288.96	43.47	48.840312	-86.932149	55946.92	56247.4	2.56	55949.49	56120.14844	55956.46271	56112.76953	504978.6	5409706.5
L4980.0	504978.6	5409705.4	10302.70020	289.27	43.53	48.840302	-86.932149	55950.77	56247.4	2.56	55953.33	56123.94922	55959.44915	56116.49609	504978.6	5409705.4
L4980.0	504978.6	5409704.4	10302.79981	288.76	43.53	48.840293	-86.932149	55954.71	56247.4	2.56	55957.28	56127.85547	55962.45867	56120.23828	504978.6	5409704.4
L4980.0	504978.6	5409704.4	10302.90039	290.10	43.1	48.840293	-86.932149	55958.96	56247.4	2.56	55961.52	56132.04297	55965.45147	56123.96094	504978.6	5409704.4
L4980.0	504978.6	5409702.9	10303.00000	287.07	43.1	48.840280	-86.932149	55963.08	56247.4	2.56	55965.64	56136.10938	55968.50894	56127.74219	504978.6	5409702.9
L4980.0	504978.6	5409701.7	10303.09961	288.70	42.69	48.840269	-86.932149	55967.08	56247.4	2.56	55969.64	56140.04688	55971.61997	56131.57422	504978.6	5409701.7
L4980.0	504978.6	5409700.3	10303.20020	287.90	42.69	48.840256	-86.932149	55970.32	56247.4	2.56	55972.88	56143.22266	55974.90539	56135.57031	504978.6	5409700.3
L4980.0	504978.6	5409698.8	10303.20020	287.90	41.78	48.840243	-86.932150	55974.75	56247.4	2.56	55977.31	56147.58203	55977.96015	56139.33594	504978.6	5409698.8
L4980.0	504978.6	5409698.8	10303.40039	287.20	40	48.840243	-86.932150	55978.74	56247.4	2.56	55981.31	56151.50391	55981.10681	56143.18359	504978.6	5409698.8
L4980.0	504978.6	5409697.4	10303.50000	287.38	40	48.840230	-86.932150	55982.96	56247.4	2.57	55985.53	56155.64063	55984.20892	56146.98047	504978.6	5409697.4
L4980.0	504978.6	5409695.9	10303.59961	286.93	43.09	48.840217	-86.932150	55987.22	56247.4	2.57	55989.78	56159.80078	55987.30644	56150.76953	504978.6	5409695.9
L4980.0	504978.6	5409695.9	10303.70020	288.52	42.7	48.840217	-86.932150	55990.50	56247.4	2.57	55993.07	56163.00000	55990.60327	56154.74609	504978.6	5409695.9
L4980.0	504978.6	5409694.3	10303.79981	287.31	42.7	48.840202	-86.932150	55994.22	56247.4	2.57	55996.79	56166.62109	55993.81897	56158.63672	504978.6	5409694.3
L4980.0	504978.6	5409692.8	10303.90039	285.34	38.77	48.840188	-86.932150	55998.09	56247.4	2.57	56000.66	56170.38672	55997.01815	56162.50391	504978.6	5409692.8
L4980.0	504978.6	5409691.3	10304.00000	286.38	38.77	48.840176	-86.932150	56002.49	56247.4	2.57	56005.06	56174.67969	56000.14992	56166.29688	504978.6	5409691.3
L4980.0	504978.6	5409691.3	10304.09961	288.33	40.98	48.840176	-86.932150	56006.72	56247.4	2.57	56009.29	56178.79297	56003.35034	56170.14844	504978.6	5409691.3
L4980.0	504978.6	5409690.1	10304.20020	289.87	40.98	48.840164	-86.932150	56011.07	56247.4	2.57	56013.64	56183.02344	56006.57407	56174.01953	504978.6	5409690.1
L4980.0	504978.6	5409690.1	10304.29981	289.05	42.02	48.840164	-86.932150	56014.66	56247.4	2.58	56017.24	56186.50000	56009.90331	56177.98047	504978.6	5409690.1
L4980.0	504978.6	5409688.6	10304.40039	288.04	41.11	48.840151	-86.932150	56018.48	56247.4	2.58	56021.06	56190.18750	56013.21326	56181.91797	504978.6	5409688.6
L4980.0	504978.6	5409687.2	10304.50000	286.91	41.11	48.840139	-86.932150	56022.91	56247.4	2.58	56025.49	56194.48438	56016.50162	56185.82422	504978.6	5409687.2
L4980.0	504978.6	5409686.0	10304.59961	289.28	40.96	48.840128	-86.932150	56027.11	56247.4	2.58	56029.69	56198.54297	56019.81511	56189.74609	504978.6	5409686.0
L4980.0	504978.6	5409684.5	10304.70020	290.57	40.96	48.840114	-86.932150	56030.52	56247.4	2.58	56033.10	56201.80859	56023.11373	56193.64453	504978.6	5409684.5
L4980.0	504978.6	5409684.5	10304.79981	289.84	44.99	48.840114	-86.932150	56033.58	56247.4	2.59	56036.16	56204.71875	56026.34895	56197.46875	504978.6	5409684.5
L4980.0	504978.6	5409683.0	10304.90039	290.75	44.99	48.840101	-86.932149	56037.10	56247.4	2.59	56039.69	56208.09375	56029.54677	56201.24219	504978.6	5409683.0
L4980.0	504978.6	5409681.5	10305.00000	293.89	45.08	48.840087	-86.932149	56039.98	56247.4	2.59	56042.57	56210.81250	56032.62918	56204.89453	504978.6	5409681.5
L4980.0	504978.6	5409681.5	10305.09961	294.22	44.94	48.840087	-86.932149	56044.41	56247.4	2.59	56047.00	56215.07422	56035.78968	56208.60938	504978.6	5409681.5
L4980.0	504978.6	5409679.9	10305.20020	292.60	44.94	48.840073	-86.932149	56047.92	56247.4	2.59	56050.52	56218.42578	56038.78770	56212.15234	504978.6	5409679.9
L4980.0	504978.6	5409678.7	10305.20020	292.60	36.43	48.840062	-86.932150	56051.01	56247.4	2.59	56053.60	56221.32813	56041.63332	56215.53516	504978.6	5409678.7
L4980.0	504978.6	5409677.6	10305.40039	294.79	35.52	48.840052	-86.932150	56054.07	56247.4	2.60	56056.67	56224.21875	56044.36599	56218.78906	504978.6	5409677.6
L4980.0	504978.6	5409676.4	10305.50000	293.60	35.52	48.840041	-86.932150	56056.88	56247.4	2.60	56059.48	56226.83984	56046.94381	56221.87500	504978.6	5409676.4
L4980.0	504978.6	5409676.4	10305.59961	291.27	38.79	48.840041	-86.932150	56059.99	56247.4	2.60	56062.59	56229.76172	56049.43695	56224.86719	504978.6	5409676.4
L4980.0	504978.6	5409675.0	10305.70020	290.99	38.79	48.840029	-86.932150	56062.54	56247.4	2.60	56065.15	56232.12500	56051.72357	56227.64063	504978.6	5409675.0
L4980.0	504978.6	5409673.7	10305.79981	291.23	43.04	48.840017	-86.932150	56064.90	56247.4	2.61	56067.50	56234.27344	56053.85195	56230.23828	504978.6	5409673.7
L4980.0	504978.6	5409673.7	10305.90039	291.78	38.95	48.840017	-86.932150	56067.35	56247.4	2.61	56069.96	56236.52734	56055.85996	56232.70703	504978.6	5409673.7
L4980.0	504978.6	5409672.2	10306.00000	288.04	36.06	48.840004	-86.932150	56069.96	56247.4	2.61	56072.57	56238.92578	56057.74621	56235.03906	504978.6	5409672.2
L4980.0	504978.6	5409669.6	10306.09961	288.92	36.06	48.839980	-86.932151	56072.25	56247.4	2.61	56074.87	56241.00781	56059.46522	56237.19141	504978.6	5409669.6
L4980.0	504978.6	5409669.6	10306.20020	288.26	36.06	48.839980	-86.932151	56074.18	56247.4	2.61	56076.79	56242.70703	56061.02901	56239.17188	504978.6	5409669.6
L4980.0	504978.5	5409667.9	10306.29981	287.65	39.24	48.839965	-86.932151	56076.16	56247.4	2.62	56078.78	56244.46875	56062.47800	56241.02344	504978.5	5409667.9
L4980.0	504978.5	5409666.6	10306.40039	288.96	41.94	48.839953	-86.932151	56077.14	56247.4	2.62	56079.76	56245.21875	56063.80066	56242.73438	504978.5	5409666.6
L4980.0	504978.5	5409666.6	10306.50000	289.37	41.94	48.839953	-86.932151	56078.56	56247.4	2.62	56081.17	56246.39063	56065.05114	56244.35938	504978.5	5409666.6
L4980.0	504978.5	5409665.0	10306.59961	288.66	34.18	48.839939	-86.932151	56080.58	56247.4	2.62	56083.20	56248.17578	56066.19580	56245.86328	504978.5	5409665.0
L4980.0	504978.5	5409663.4	10306.70020	288.96	34.18	48.839925	-86.932151	56081.96	56247.4	2.62	56084.59	56249.32031	56067.27421	56247.28125	504978.5	5409663.4
L4980.0	504978.5	5409662.4	10306.79981	288.74	34.18	48.839915	-86.932151	56083.16	56247.4	2.63	56085.79	56250.26563	56068.29841	56248.63281	504978.5	5409662.4
L4980.0	504978.5	5409662.4	10306.90039	289.97	33.3	48.839915	-86.932151	56084.18	56247.4	2.63	56086.80	56251.01953	56069.27633	56249.92188	504978.5	5409662.4
L4980.0	504978.5	5409660.6	10307.00000	291.41	37.51	48.839899	-86.932151	56085.16	56247.4	2.63	56087.79	56251.74609	56070.19041	56251.13281	504978.5	5409660.6
L4980.0	504978.5	5409659.3	10307.09961	292.82	37.51	48.839888	-86.932152	56085.92	56247.4	2.63	56088.55	56252.23438	56071.07047	56252.28906	504978.5	5409659.3
L4980.0	504978.5	5409659.3	10307.20020	291.56	42.37	48.839888	-86.932152	56086.53	56247.4	2.63	56089.16	56252.57031	56071.91555	56253.39844	504978.5	5409659.3
L4980.0	504978.5	5409658.0	10307.20020	291.56	43.23	48.839876	-86.932152	56086.72	56247.4	2.63	56089.35	56252.48047	56072.78663	56254.51172	504978.5	5409658.0
L4980.0	504978.4	5409656.5	10307.40039	290.35	43.23	48.839862	-86.932152	56087.67	56247.4	2.63	56090.30	56253.14844	56073.45328	56255.40625	504978.4	5409656.5
L4980.0	504978.4	5409655.0	10307.50000	288.19	43.23	48.839848	-86.932153	56087.28	56247.4	2.63	56089.91	56252.46484	56074.36977	56256.53125	504978.4	5409655.0
L4980.0	504978.4	5409653.7	10307.59961	288.64	29.3	48.839837	-86.932153	56087.61	56247.4	2.63	56090.24	56252.50000	56075.08981	56257.44531	504978.4	5409653.7
L4980.0	504978.4	5409653.7	10307.70020	288.19	30.52	48.839837	-86.932153	56088.22	56247.4	2.63	56090.85	56252.80859	56075.69424	56258.22266	504978.4	5409653.7
L4980.0	504978.4	5409652.4	10307.79981	288.71	30.52	48.839825	-86.932153	56088.42	56247.4	2.63	56091.05	56252.69922	56076.38861	56259.07031	504978.4	5409652.4
L4980.0	504978.3	5409651.0	10307.90039	287.49	30.52	48.839813	-86.932154	56088.75	56247.4	2.63	56091.38	56252.71875	56078.09454	56260.91406	504978.3	5409651.0
L4980.0	504978.3	5409651.0	10308.00000	286.95	36.38	48.839813	-86.932154	56088.80	56247.4	2.63	56091.43	56252.44922	56078.50084	56261.44141	504978.3	5409651.0
L4980.0	504978.3	5409649.5	10308.09961	285.49	38.53	48.839799	-86.932154	56088.77	56247.4	2.63	56091.40	56252.09375	56078.89689	56261.93359	504978.3	5409649.5
L4980.0	504978.3	5409648.2	10308.20020	285.28	38.53	48.839787	-86.932154	56088.56	56247.4	2.64	56091.20	56251.56250	56079.25897	56262.37891	504978.3	5409648.2
L4980.0	504978.3	5409647.1	10308.29981	287.57	41.03	48.839777	-86.932155	56089.13	56247.4	2.64	56091.77	56251.79688	56079.95873	56263.14063	504978.3	5409647.1
L4980.0	504978.2	5409645.7	10308.40039	288.61	41.03	48.839765	-86.932155	56089.41	56247.3	2.65	56092.06	56251.74219	56080.58878	56263.80859	504978.2	5409645.7
L4980.0	504978.2	5409644.6	10308.50000	289.87	37.68	48.839755	-86.932155	56089.87	56247.3	2.65	56092.52	56251.85547	56081.32100	56264.56641	504978.2	5409644.6
L4980.0	504978.2	5409643.7	10308.59961	288.73	39.36	48.839747	-86.932155	56090.49	56247.3	2.66	56093.15	56252.13281	56082.15430	56265.39844	504978.2	5409643.7
L4980.0	504978.2	5409642.4	10308.70020	289.38	39.36	48.839735	-86.932156	56090.82	56247.3	2.67	56093.49	56252.10938	56082.91852	56266.14844	504978.2	5409642.4
L4980.0	504978.2	5409641.0	10308.79981	286.98	37.87	48.839723	-86.932156	56091.38	56247.3	2.67	56094.05	56252.30469	56083.79732	56266.98828	504978.2	5409641.0
L4980.0	504978.2	5409640.0	10308.90039	284.33	37.87	48.839714	-86.932156	56091.91	56247.3	2.68	56094.59	56252.46875	56084.69660	56267.82813	504978.2	5409640.0
L4980.0	504978.2	5409640.0	10309.00000	283.83	40.61	48.839714	-86.932156	56092.39	56247.3	2.68	56095.07	56252.57031	56085.59337	56268.64844	504978.2	5409640.0
L4980.0	504978.2	5409638.9	10309.09961	284.46	41.03	48.839704	-86.932156	56093.10	56247.3	2.68	56095.78	56252.89453	56086.58644	56269.53906	504978.2	5409638.9
L4980.0	504978.2	5409637.1	10309.20020	284.40	41.03	48.839688	-86.932156	56093.68	56247.3	2.68	56096.36	56253.08203	56087.53777	56270.37109	504978.2	5409637.1
L4980.0	504978.2	5409635.5	10309.20020	284.40	40.68	48.839674	-86.932156	56094.21	56247.3	2.68	56096.89	56253.21484	56088.46858	56271.16406	504978.2	5409635.5
L4980.0	504978.2	5409634.0	10309.29981	284.15	40.68	48.839660	-86.932156	56094.59	56247.3	2.68	56097.27	56253.18750	56089.33306	56271.86719	504978.2	5409634.0
L4980.0	504978.2	5409634.0	10309.40039	283.41	40.53	48.839660	-86.932156	56095.46	56247.3	2.68	56098.14	56253.64844	56090.37481	56272.72656	504978.2	5409634.0
L4980.0	504978.2	5409632.6	10309.50000	286.44	40.27	48.839647	-86.932156	56097.27	56247.3	2.68	56099.95	56255.03906	56091.76852	56273.91406	504978.2	5409632.6
L4980.0	504978.2	5409631.1	10309.70020	289.08	40.27	48.839633	-86.932156	56098.76	56247.3	2.68	56101.44	56256.10547	56093.03763	56274.96094	504978.2	5409631.1
L4980.0	504978.2	5409631.1	10309.79981	289.08	38.94	48.839633	-86.932156	56100.11	56247.3	2.68	56102.79	56257.02344	56094.25589	56275.92969	504978.2	5409631.1
L4980.0	504978.2	5409629.4	10309.79981	290.50	38.94	48.839619	-86.932156	56101.38	56247.3	2.68	56104.06	56257.85547	56095.45108	56276.85938	504978.2	5409629.4
L4980.0	504978.2	5409627.9	10310.00000	289.82	39.27	48.839605	-86.932156	56102.16	56247.3	2.68	56104.84	56258.18750	56096.47286	56277.59375	504978.2	5409627.9

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4980.0	504978.2	5409627.9	10310.09961	289.82	39.04	48.839605	-86.932156	56103.81	56247.3	2.68	56106.49	56259.38672	56097.84138	56278.65234	504978.2	5409627.9
L4980.0	504978.2	5409626.6	10310.20020	289.84	39.04	48.839593	-86.932156	56105.52	56247.3	2.68	56108.20	56260.63672	56099.25049	56279.73047	504978.2	5409626.6
L4980.0	504978.2	5409624.9	10310.20020	289.84	38.34	48.839578	-86.932156	56107.11	56247.3	2.68	56109.79	56261.76172	56100.63243	56280.75781	504978.2	5409624.9
L4980.0	504978.2	5409623.7	10310.40039	289.35	38.34	48.839567	-86.932156	56108.13	56247.3	2.69	56110.81	56262.30859	56101.81505	56281.56641	504978.2	5409623.7
L4980.0	504978.2	5409623.7	10310.50000	286.05	38.31	48.839567	-86.932156	56110.33	56247.3	2.69	56113.02	56264.03516	56103.46661	56282.82422	504978.2	5409623.7
L4980.0	504978.2	5409622.1	10310.59961	285.38	38.31	48.839552	-86.932156	56112.57	56247.3	2.69	56115.27	56265.80078	56105.14871	56284.08984	504978.2	5409622.1
L4980.0	504978.2	5409620.2	10310.70020	284.30	38.14	48.839536	-86.932156	56114.86	56247.3	2.69	56117.55	56267.58594	56106.85311	56285.35547	504978.2	5409620.2
L4980.0	504978.2	5409618.9	10310.79981	282.23	37.93	48.839524	-86.932156	56116.70	56247.3	2.70	56119.39	56268.92188	56108.39404	56286.43750	504978.2	5409618.9
L4980.0	504978.2	5409618.9	10310.90039	281.87	37.93	48.839524	-86.932156	56118.17	56247.3	2.70	56120.87	56269.89453	56109.80040	56287.36328	504978.2	5409618.9
L4980.0	504978.2	5409617.5	10311.00000	282.07	37.32	48.839511	-86.932156	56120.02	56247.3	2.70	56122.72	56271.22656	56111.35627	56288.41797	504978.2	5409617.5
L4980.0	504978.2	5409615.8	10311.09961	284.33	37.32	48.839497	-86.932156	56121.26	56247.3	2.70	56123.96	56271.94531	56112.67848	56289.21484	504978.2	5409615.8
L4980.0	504978.2	5409614.5	10311.20020	285.09	37.32	48.839484	-86.932156	56124.41	56247.3	2.70	56127.11	56274.56250	56114.76632	56290.76172	504978.2	5409614.5
L4980.0	504978.2	5409614.5	10311.20020	285.09	30.16	48.839484	-86.932156	56126.46	56247.3	2.70	56129.16	56276.07422	56116.43866	56291.86719	504978.2	5409614.5
L4980.0	504978.2	5409613.3	10311.29981	289.45	30.16	48.839474	-86.932156	56128.56	56247.3	2.70	56131.26	56277.62891	56118.15682	56293.00000	504978.2	5409613.3
L4980.0	504978.2	5409611.8	10311.50000	288.94	32.27	48.839460	-86.932156	56130.84	56247.3	2.70	56133.54	56279.35547	56119.97722	56294.21484	504978.2	5409611.8
L4980.0	504978.2	5409610.7	10311.59961	289.30	32.27	48.839450	-86.932156	56132.92	56247.3	2.70	56135.62	56280.87500	56121.75091	56295.36328	504978.2	5409610.7
L4980.0	504978.2	5409609.1	10311.70020	289.61	35.72	48.839436	-86.932156	56135.48	56247.3	2.70	56138.18	56282.86719	56123.76232	56296.72656	504978.2	5409609.1
L4980.0	504978.2	5409607.9	10311.79981	290.22	37.16	48.839425	-86.932156	56137.16	56247.3	2.70	56139.86	56283.96875	56125.40045	56297.69531	504978.2	5409607.9
L4980.0	504978.2	5409607.9	10311.90039	289.87	37.16	48.839425	-86.932156	56139.95	56247.3	2.70	56142.64	56286.16797	56127.04276	56298.65234	504978.2	5409607.9
L4980.0	504978.2	5409606.4	10312.00000	289.37	27.32	48.839411	-86.932156	56142.26	56247.3	2.70	56144.96	56287.89844	56128.86217	56299.76172	504978.2	5409606.4
L4980.0	504978.2	5409604.7	10312.09961	288.84	27.32	48.839396	-86.932156	56144.55	56247.3	2.70	56147.25	56289.58984	56130.69540	56300.86719	504978.2	5409604.7
L4980.0	504978.2	5409603.4	10312.20020	287.39	36.34	48.839384	-86.932156	56146.87	56247.3	2.71	56149.58	56291.31250	56132.50657	56301.93359	504978.2	5409603.4
L4980.0	504978.2	5409601.7	10312.29981	287.66	24.38	48.839369	-86.932156	56149.26	56247.3	2.71	56151.97	56293.08984	56134.26807	56302.92578	504978.2	5409601.7
L4980.0	504978.2	5409601.7	10312.40039	286.77	24.38	48.839369	-86.932156	56151.13	56247.3	2.72	56153.84	56294.33984	56136.07446	56303.94922	504978.2	5409601.7
L4980.0	504978.2	5409600.3	10312.50000	285.46	24.38	48.839357	-86.932156	56153.18	56247.3	2.72	56155.90	56295.76953	56137.74813	56304.81641	504978.2	5409600.3
L4980.0	504978.2	5409598.9	10312.59961	287.11	28.76	48.839344	-86.932157	56154.95	56247.3	2.72	56157.67	56296.90625	56139.37870	56305.62500	504978.2	5409598.9
L4980.0	504978.2	5409598.9	10312.70020	288.27	25.25	48.839344	-86.932157	56158.02	56247.3	2.73	56160.75	56299.34375	56140.66373	56306.06641	504978.2	5409598.9
L4980.0	504978.2	5409597.3	10312.79981	288.62	25.25	48.839330	-86.932157	56160.16	56247.3	2.73	56162.89	56300.83203	56142.04304	56306.58594	504978.2	5409597.3
L4980.0	504978.1	5409595.7	10312.90039	286.82	35.75	48.839315	-86.932157	56160.94	56247.3	2.74	56163.68	56300.96484	56143.59783	56307.26563	504978.1	5409595.7
L4980.0	504978.1	5409594.1	10313.00000	288.91	35.75	48.839301	-86.932157	56163.24	56247.3	2.74	56165.98	56302.60156	56144.78701	56307.55859	504978.1	5409594.1
L4980.0	504978.1	5409594.1	10313.09961	289.40	35.69	48.839301	-86.932157	56164.71	56247.3	2.73	56167.44	56303.38672	56146.07439	56307.93359	504978.1	5409594.1
L4980.0	504978.1	5409592.4	10313.20020	291.74	35.69	48.839286	-86.932158	56166.86	56247.3	2.73	56169.59	56304.85547	56147.16082	56308.08984	504978.1	5409592.4
L4980.0	504978.1	5409591.0	10313.20020	291.74	35.36	48.839273	-86.932158	56168.53	56247.3	2.73	56171.25	56305.83203	56148.27562	56308.25781	504978.1	5409591.0
L4980.0	504978.1	5409589.6	10313.40039	291.21	35.36	48.839261	-86.932158	56170.14	56247.3	2.72	56172.86	56306.74609	56149.33202	56308.35156	504978.1	5409589.6
L4980.0	504978.1	5409588.3	10313.50000	288.76	35.54	48.839248	-86.932158	56171.16	56247.3	2.71	56173.87	56307.05469	56150.44018	56308.48047	504978.1	5409588.3
L4980.0	504978.1	5409588.3	10313.59961	288.19	34.65	48.839248	-86.932158	56172.10	56247.3	2.70	56174.80	56307.27734	56151.49282	56308.53516	504978.1	5409588.3
L4980.0	504978.0	5409586.9	10313.70020	289.78	34.65	48.839236	-86.932159	56172.58	56247.3	2.70	56175.28	56307.03906	56152.55624	56308.58984	504978.0	5409586.9
L4980.0	504978.0	5409586.9	10313.79981	289.14	35.13	48.839236	-86.932159	56173.99	56247.3	2.69	56176.68	56307.71875	56153.35928	56308.36719	504978.0	5409586.9
L4980.0	504978.0	5409584.0	10313.90039	288.80	31.92	48.839210	-86.932159	56175.34	56247.3	2.69	56178.03	56308.33594	56154.08607	56308.05078	504978.0	5409584.0
L4980.0	504978.0	5409584.0	10314.00000	289.06	31.92	48.839210	-86.932159	56176.37	56247.3	2.68	56179.05	56308.62109	56154.78672	56307.69531	504978.0	5409584.0
L4980.0	504978.0	5409582.6	10314.09961	289.85	31.72	48.839198	-86.932159	56177.18	56247.3	2.69	56179.87	56308.69922	56155.43181	56307.27344	504978.0	5409582.6
L4980.0	504978.0	5409581.0	10314.20020	290.65	31.72	48.839183	-86.932159	56177.96	56247.3	2.69	56180.66	56308.73828	56155.98521	56306.74219	504978.0	5409581.0
L4980.0	504978.0	5409579.6	10314.29981	290.47	35.37	48.839170	-86.932159	56177.82	56247.3	2.70	56180.51	56307.83203	56156.61279	56306.27344	504978.0	5409579.6
L4980.0	504978.0	5409579.6	10314.40039	287.00	35.37	48.839170	-86.932159	56178.08	56247.3	2.70	56180.79	56307.34766	56157.06386	56305.61328	504978.0	5409579.6
L4980.0	504978.0	5409578.2	10314.50000	287.56	34.43	48.839158	-86.932159	56177.76	56247.3	2.71	56180.47	56306.25781	56157.53840	56304.96875	504978.0	5409578.2
L4980.0	504978.0	5409576.6	10314.59961	285.70	34.43	48.839143	-86.932159	56177.54	56247.3	2.72	56180.25	56305.26172	56157.91339	56304.20703	504978.0	5409576.6
L4980.0	504978.0	5409575.2	10314.70020	286.30	35.55	48.839131	-86.932159	56177.69	56247.3	2.72	56180.41	56304.63672	56158.14437	56303.29297	504978.0	5409575.2
L4980.0	504978.0	5409575.2	10314.79981	286.79	29.31	48.839131	-86.932159	56177.43	56247.3	2.73	56180.16	56303.59766	56158.38810	56302.37891	504978.0	5409575.2
L4980.0	504978.0	5409573.6	10314.90039	288.89	29.31	48.839116	-86.932159	56176.85	56247.3	2.73	56179.59	56302.23438	56158.63636	56301.45703	504978.0	5409573.6
L4980.0	504978.0	5409572.2	10315.00000	289.36	33.83	48.839104	-86.932159	56176.57	56247.3	2.74	56179.31	56301.15234	56158.78045	56300.42188	504978.0	5409572.2
L4980.0	504978.0	5409570.8	10315.09961	287.88	33.77	48.839091	-86.932159	56176.12	56247.3	2.74	56178.86	56299.89453	56158.91348	56299.36719	504978.0	5409570.8
L4980.0	504978.0	5409569.4	10315.20020	287.62	33.77	48.839079	-86.932159	56175.85	56247.3	2.74	56178.59	56298.81250	56158.97489	56298.23047	504978.0	5409569.4
L4980.0	504978.0	5409567.7	10315.20020	287.62	34.96	48.839064	-86.932159	56175.20	56247.3	2.74	56177.94	56297.33984	56159.07447	56297.12109	504978.0	5409567.7
L4980.0	504978.0	5409567.7	10315.40039	289.10	34.96	48.839064	-86.932159	56174.60	56247.3	2.74	56177.35	56295.92578	56159.13463	56295.96094	504978.0	5409567.7
L4980.0	504978.1	5409566.1	10315.50000	288.51	31.1	48.839049	-86.932159	56174.07	56247.3	2.74	56176.81	56294.55859	56159.16198	56294.76563	504978.1	5409566.1
L4980.0	504978.1	5409566.1	10315.59961	288.65	34.14	48.839049	-86.932159	56173.39	56247.3	2.75	56176.14	56293.05078	56159.19304	56293.56250	504978.1	5409566.1
L4980.0	504978.1	5409564.4	10315.70020	289.78	34.12	48.839034	-86.932159	56173.23	56247.3	2.75	56175.98	56292.05078	56159.11683	56292.24219	504978.1	5409564.4
L4980.0	504978.1	5409562.9	10315.79981	288.32	34.12	48.839021	-86.932159	56172.68	56247.3	2.75	56175.43	56290.65234	56159.09627	56290.97656	504978.1	5409562.9
L4980.0	504978.1	5409561.8	10315.90039	289.09	29.81	48.839011	-86.932159	56172.07	56247.3	2.75	56174.82	56289.19141	56159.07320	56289.69531	504978.1	5409561.8
L4980.0	504978.1	5409560.4	10316.00000	288.49	29.81	48.838998	-86.932159	56171.26	56247.3	2.75	56174.01	56287.52734	56159.07280	56288.43359	504978.1	5409560.4
L4980.0	504978.1	5409560.4	10316.09961	290.35	29.58	48.838998	-86.932159	56170.83	56247.3	2.75	56173.58	56286.23438	56158.99850	56287.09375	504978.1	5409560.4
L4980.0	504978.1	5409558.7	10316.20020	289.46	33.75	48.838983	-86.932158	56169.85	56247.3	2.75	56172.60	56284.39063	56159.01226	56285.83203	504978.1	5409558.7
L4980.0	504978.1	5409557.0	10316.29981	288.82	33.75	48.838967	-86.932158	56169.89	56247.3	2.75	56172.63	56283.55078	56158.85862	56284.40234	504978.1	5409557.0
L4980.0	504978.1	5409555.6	10316.40039	287.04	27.82	48.838955	-86.932158	56169.95	56247.3	2.75	56172.70	56282.74609	56158.70390	56282.96484	504978.1	5409555.6
L4980.0	504978.1	5409554.5	10316.50000	287.71	27.82	48.838945	-86.932158	56169.18	56247.3	2.74	56171.92	56281.08594	56158.69942	56281.67578	504978.1	5409554.5
L4980.0	504978.1	5409552.8	10316.59961	287.91	24.07	48.838929	-86.932158	56168.98	56247.3	2.74	56171.73	56280.01563	56158.60809	56280.29297	504978.1	5409552.8
L4980.0	504978.1	5409552.8	10316.70020	289.28	24.07	48.838929	-86.932158	56168.50	56247.3	2.74	56171.25	56278.64844	56158.58073	56278.97266	504978.1	5409552.8
L4980.0	504978.1	5409551.3	10316.79981	288.66	24.09	48.838916	-86.932158	56168.68	56247.3	2.74	56171.42	56277.92578	56158.46094	56277.55469	504978.1	5409551.3
L4980.0	504978.1	5409550.2	10316.90039	289.04	24.09	48.838906	-86.932158	56167.27	56247.3	2.74	56170.01	56275.62109	56158.63366	56276.42969	504978.1	5409550.2
L4980.0	504978.1	5409548.1	10317.00000	289.23	27.89	48.838887	-86.932158	56167.59	56247.3	2.74	56170.33	56275.04688	56158.53369	56275.03125	504978.1	5409548.1
L4980.0	504978.1	5409546.5	10317.09961	290.48	31.62	48.838873	-86.932158	56167.60	56247.3	2.74	56170.34	56274.15625	56158.51199	56273.70703	504978.1	5409546.5
L4980.0	504978.1	5409546.5	10317.20020	288.39	31.62	48.838873	-86.932158	56167.54	56247.3	2.74	56170.28	56273.19141	56158.52718	56272.41797	504978.1	5409546.5
L4980.0	504978.2	5409545.1	10317.20020	288.39	31.95	48.838860	-86.932158	56167.87	56247.3	2.74	56170.61	56272.61328	56158.49486	56271.08203	504978.2	5409545.1
L4980.0	504978.2	5409543.7	10317.40039	288.94	31.95	48.838847	-86.932157	56168.35	56247.3	2.74	56171.09	56272.18359	56158.45507	56269.73828	504978.2	5409543.7
L4980.0	504978.2	5409543.7	10317.50000	287.55	29.09	48.838847	-86.932157	56168.38	56247.3	2.74	56171.12	56271.30078	56158.51612	56268.49609	504978.2	5409543.7
L4980.0	504978.2	5409542.2	10317.59961	288.59	29.09	48.838834	-86.932157	56168.06	56247.3	2.74	56170.80	56270.06641	56158.66171	56267.33984	504978.2	5409542.2
L4980.0	504978.2	5409540.8	10317.70020	288.65	33.71	48.838822	-86.932157	56168.33	56247.3	2.74	56171.07	56269.41797	56158.71444	56266.08984	504978.2	5409540.8
L4980.0	504978.2	5409539.4	10317.79981	288.96	35.98	48.838809	-86.932156	56168.91	56247.3	2.74	56171.65	56269.07813	56158.72296	56264.79688	504978.2	5409539.4
L4980.0	504978.3	5409538.0	10317.90039	287.37	35.98	48.838796	-86.932156	56169.18	56247.3	2.74	56171.92	56268.42578	56158.80746	56263.58203	504978.3	5409538.0
L4980.0	504978.3	5409538.0	10318.00000	288.10	35.98	48.838796	-86.932156	56168.63	56247.3	2.74	56171.37	56266.94922	56159.07267	56262.55078	504978.3	5409538.0
L4980.0	504978.3	5409536.6	10318.09961	289.97	36.2	48.838784	-86.932156	56169.46	56247.3	2.74	56172.20	56266.85547	56159.08136	56261.26563	504978.3	5409536.6
L4980.0	504978.3	5409535.2	10318.20020	290.63	36.2	48.838771	-86.932156	56169.65	56247.3	2.74	56172.38	56266.10938	56159.23699	56260.12891	504978.3	5409535.2
L4980.0	504978.3	5409533.5	10318.29981	291.18	36.05	48.838756	-86.932155	56170.63	56247.3	2.73	56173.36	56266.16016	56159.24844	56258.85156	504978.3	5409533.5
L4980.0	504978.3	5409533.5	10318.40039	291.87	34.03	48.838756	-86.932155	56170.63	56247.3	2.73	56173.36	56265.23047	56159.47265	56257.79297	504978.3	5409533.5
L4980.0	504978.3	5409532.1	10318.50000	289.52	34.03	48.838743	-86.932155	56170.34	56247.3	2.73	56173.07	56264.01172	56159.76727	56256.80859	504978.3	5409532.1
L4980.0	504978.3	5409530.4	10318.59961	288.40	35.2	48.838728	-86.932155	56171.59	56247.3	2.73	56174.32	56264.32813	56159.76616	56255.53125	504978.3	5409530.4
L4980.0	504978.3	5409529.0	10318.70020	277.85	35.2	48.838715	-86.932155	56172.04	56247.3	2.73	56174.76	56263.83594	56159.93229	56254.42578	504978.3	5409529.0
L4980.0	504978.3	5409529.0	10318.79981	274.74	35.32	48.838715	-86.932155	56171.09	56247.3	2.72	56173.82	56261.96484	56160.36244	56253.58984	504978.3	5409529.0
L4980.0	504978.4	5409527.3	10318.90039	287.67	27.66	48.838700	-86.932155	56171.62	56247.3	2.72	56174.34	56261.55078	56160.51305	56252.48047	504978.4	5409527.3
L4980.0	504978.4	5409526.1	10319.00000	287.32	27.66	48.838690	-86.932155	56172.46	56247.3	2.72	56175.18	56261.46094	56160.60293	56251.31250	504978.4	5409526.1
L4980.0	504978.4	5409524.8	10319.09961	289.26	34.52	48.838678	-86.932155	56172.89	56247.3	2.72	56175.61	56260.95703	56160.76057	56250.22266	504978.4	5409524.8
L4980.0	504978.4	5409523.4	10319.20020	289.32	34.52	48.838665	-86.932155	56173.23	56247.3	2.72	56175.95	56260.36719	56160.92470	56249.14453	504978.4	5409523.4
L4980.0	504978.4	5409522.0	10319.20020	289.32	34.52	48.838652	-86.932155	56173.71	56247.3	2.72	56176.44	56259.92578	56161.05194	56248.03516	504978.4	5409522.0

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4980.0	504978.4	5409520.5	10319.40039	288.50	34.17	48.838639	-86.932155	56173.63	56247.3	2.72	56176.35	56258.90234	56161.26275	56247.01953	504978.4	5409520.5
L4980.0	504978.4	5409520.5	10319.50000	287.65	34.66	48.838639	-86.932155	56172.92	56247.3	2.73	56175.65	56257.27344	56161.55407	56246.08984	504978.4	5409520.5
L4980.0	504978.4	5409518.9	10319.59961	290.22	34.66	48.838625	-86.932155	56173.44	56247.3	2.73	56176.17	56256.86719	56161.62908	56244.94922	504978.4	5409518.9
L4980.0	504978.4	5409518.9	10319.70020	290.51	33.9	48.838625	-86.932155	56173.89	56247.3	2.73	56176.62	56256.38672	56161.69965	56243.81641	504978.4	5409518.9
L4980.0	504978.3	5409517.5	10319.79981	290.85	33.9	48.838612	-86.932155	56174.30	56247.3	2.73	56177.03	56255.87109	56161.75917	56242.67578	504978.3	5409517.5
L4980.0	504978.3	5409515.8	10319.90039	288.60	34.52	48.838597	-86.932155	56174.20	56247.3	2.73	56176.92	56254.83984	56161.87948	56241.60938	504978.3	5409515.8
L4980.0	504978.3	5409514.6	10320.00000	287.42	33.98	48.838586	-86.932156	56173.82	56247.3	2.73	56176.55	56253.54688	56162.01806	56240.56641	504978.3	5409514.6
L4980.0	504978.3	5409514.6	10320.09961	287.18	33.98	48.838586	-86.932156	56174.12	56247.3	2.73	56176.86	56252.93750	56162.02974	56239.40625	504978.3	5409514.6
L4980.0	504978.3	5409512.6	10320.20020	291.04	34.85	48.838567	-86.932156	56174.40	56247.3	2.74	56177.14	56252.30078	56162.02274	56238.23828	504978.3	5409512.6
L4980.0	504978.3	5409511.2	10320.29981	290.95	34.28	48.838555	-86.932156	56174.14	56247.3	2.74	56176.89	56251.13281	56162.07509	56237.13672	504978.3	5409511.2
L4980.0	504978.3	5409509.8	10320.40039	290.71	34.28	48.838542	-86.932156	56174.47	56247.3	2.75	56177.22	56250.55078	56162.01452	56235.93359	504978.3	5409509.8
L4980.0	504978.3	5409509.8	10320.50000	290.50	35.5	48.838542	-86.932156	56174.27	56247.3	2.75	56177.02	56249.44141	56162.02012	56234.80469	504978.3	5409509.8
L4980.0	504978.3	5409508.4	10320.59961	289.18	35.18	48.838530	-86.932156	56174.04	56247.2	2.75	56176.80	56248.31641	56162.01558	56233.67969	504978.3	5409508.4
L4980.0	504978.3	5409506.9	10320.70020	287.81	35.18	48.838516	-86.932156	56174.63	56247.2	2.76	56177.39	56248.00391	56161.85843	56232.41016	504978.3	5409506.9
L4980.0	504978.3	5409505.1	10320.79981	288.16	29	48.838500	-86.932156	56174.78	56247.2	2.76	56177.54	56247.25391	56161.76560	56231.21484	504978.3	5409505.1
L4980.0	504978.3	5409505.1	10320.90039	285.75	31.11	48.838500	-86.932156	56174.52	56247.2	2.77	56177.29	56246.10547	56161.74102	56230.09766	504978.3	5409505.1
L4980.0	504978.3	5409503.4	10321.00000	285.71	31.11	48.838485	-86.932156	56174.38	56247.2	2.77	56177.14	56245.06250	56161.69859	56228.97266	504978.3	5409503.4
L4980.0	504978.3	5409502.0	10321.09961	287.06	32.4	48.838472	-86.932156	56174.75	56247.2	2.77	56177.52	56244.55469	56161.55303	56227.75781	504978.3	5409502.0
L4980.0	504978.3	5409500.5	10321.20020	288.23	33.16	48.838459	-86.932156	56175.02	56247.2	2.76	56177.78	56243.93359	56161.43084	56226.57422	504978.3	5409500.5
L4980.0	504978.3	5409498.6	10321.20020	288.23	33.16	48.838442	-86.932156	56175.06	56247.2	2.76	56177.82	56243.09375	56161.35726	56225.45313	504978.3	5409498.6
L4980.0	504978.3	5409498.6	10321.29981	288.49	33.16	48.838442	-86.932156	56175.14	56247.2	2.76	56177.90	56242.29688	56161.28242	56224.34375	504978.3	5409498.6
L4980.0	504978.3	5409496.9	10321.50000	288.95	33.58	48.838427	-86.932156	56174.66	56247.2	2.75	56177.41	56240.93750	56161.33411	56223.36719	504978.3	5409496.9
L4980.0	504978.3	5409495.5	10321.59961	289.13	32.3	48.838414	-86.932156	56174.83	56247.2	2.75	56177.58	56240.24219	56161.25256	56222.27344	504978.3	5409495.5
L4980.0	504978.3	5409495.5	10321.70020	287.49	32.3	48.838414	-86.932156	56175.10	56247.3	2.75	56177.85	56239.65234	56161.15091	56221.16797	504978.3	5409495.5
L4980.0	504978.3	5409494.1	10321.79981	288.44	35.07	48.838401	-86.932156	56175.39	56247.3	2.75	56178.13	56239.07813	56161.04451	56220.07031	504978.3	5409494.1
L4980.0	504978.3	5409492.4	10321.90039	287.18	35.07	48.838386	-86.932156	56175.61	56247.3	2.74	56178.35	56238.44531	56160.94434	56218.99219	504978.3	5409492.4
L4980.0	504978.3	5409492.4	10322.00000	288.54	35.64	48.838386	-86.932156	56175.54	56247.3	2.74	56178.28	56237.53516	56160.89093	56217.97266	504978.3	5409492.4
L4980.0	504978.3	5409490.5	10322.09961	276.95	35.64	48.838369	-86.932156	56175.41	56247.3	2.74	56178.16	56236.57422	56160.83242	56216.96094	504978.3	5409490.5
L4980.0	504978.3	5409489.0	10322.20020	276.18	35.17	48.838356	-86.932157	56175.56	56247.3	2.74	56178.30	56235.88281	56160.70719	56215.89063	504978.3	5409489.0
L4980.0	504978.3	5409487.9	10322.29981	286.12	34.57	48.838345	-86.932157	56174.98	56247.3	2.75	56177.73	56234.48828	56160.70071	56214.95313	504978.3	5409487.9
L4980.0	504978.3	5409486.2	10322.40039	288.18	34.57	48.838330	-86.932157	56175.18	56247.3	2.75	56177.93	56233.86719	56160.52575	56213.85938	504978.3	5409486.2
L4980.0	504978.3	5409486.2	10322.50000	289.70	33.93	48.838330	-86.932157	56175.43	56247.3	2.75	56178.18	56233.30469	56160.31840	56212.74609	504978.3	5409486.2
L4980.0	504978.2	5409484.5	10322.59961	289.92	33.93	48.838315	-86.932157	56175.08	56247.2	2.75	56177.83	56232.14844	56160.19997	56211.73047	504978.2	5409484.5
L4980.0	504978.2	5409483.1	10322.70020	288.85	31.85	48.838302	-86.932157	56175.01	56247.2	2.75	56177.76	56231.27734	56160.00182	56210.65234	504978.2	5409483.1
L4980.0	504978.2	5409481.9	10322.79981	288.40	31.85	48.838291	-86.932158	56175.04	56247.2	2.76	56177.79	56230.51563	56159.75040	56209.52734	504978.2	5409481.9
L4980.0	504978.2	5409481.9	10322.90039	289.11	30.73	48.838291	-86.932158	56174.42	56247.2	2.76	56177.18	56229.11719	56159.57993	56208.50000	504978.2	5409481.9
L4980.0	504978.2	5409479.3	10323.00000	288.79	30.73	48.838268	-86.932158	56173.91	56247.2	2.76	56176.67	56227.82813	56159.35483	56207.42969	504978.2	5409479.3
L4980.0	504978.2	5409479.3	10323.09961	289.45	32.73	48.838268	-86.932158	56174.47	56247.2	2.76	56177.23	56227.61719	56158.87913	56206.11719	504978.2	5409479.3
L4980.0	504978.2	5409477.6	10323.20020	287.16	33.13	48.838253	-86.932158	56174.07	56247.2	2.76	56176.83	56226.45313	56158.55175	56204.96875	504978.2	5409477.6
L4980.0	504978.2	5409476.0	10323.20020	287.16	32.2	48.838238	-86.932158	56174.47	56247.2	2.76	56177.23	56226.09375	56158.01162	56203.61719	504978.2	5409476.0
L4980.0	504978.2	5409474.5	10323.40039	284.87	32.2	48.838225	-86.932158	56174.30	56247.2	2.76	56177.06	56225.17578	56157.54839	56202.35547	504978.2	5409474.5
L4980.0	504978.2	5409474.5	10323.50000	287.90	32.81	48.838225	-86.932158	56174.32	56247.2	2.76	56177.08	56224.45313	56156.99954	56201.01953	504978.2	5409474.5
L4980.0	504978.2	5409473.1	10323.59961	288.32	32.81	48.838213	-86.932158	56173.74	56247.2	2.76	56176.50	56223.14063	56156.56674	56199.81250	504978.2	5409473.1
L4980.0	504978.2	5409471.2	10323.70020	288.18	33.93	48.838196	-86.932158	56174.04	56247.2	2.76	56176.80	56222.71484	56155.88940	56198.37109	504978.2	5409471.2
L4980.0	504978.2	5409471.2	10323.79981	287.14	34.97	48.838196	-86.932158	56174.07	56247.2	2.76	56176.83	56222.02734	56155.26515	56196.99609	504978.2	5409471.2
L4980.0	504978.2	5409469.6	10323.90039	289.10	34.97	48.838181	-86.932158	56173.60	56247.2	2.76	56176.36	56220.84766	56154.77937	56195.76953	504978.2	5409469.6
L4980.0	504978.2	5409467.9	10324.00000	288.62	33.43	48.838165	-86.932158	56172.77	56247.2	2.76	56175.53	56219.31641	56154.40901	56194.67188	504978.2	5409467.9
L4980.0	504978.2	5409467.9	10324.09961	287.94	33.43	48.838165	-86.932158	56173.32	56247.2	2.76	56176.08	56219.17578	56153.64821	56193.19141	504978.2	5409467.9
L4980.0	504978.2	5409466.5	10324.20020	288.76	36.23	48.838153	-86.932158	56173.69	56247.2	2.76	56176.44	56218.85156	56152.96092	56191.80078	504978.2	5409466.5
L4980.0	504978.2	5409465.3	10324.29981	288.00	36.34	48.838142	-86.932158	56172.44	56247.2	2.75	56175.20	56216.93359	56152.76655	56190.91016	504978.2	5409465.3
L4980.0	504978.2	5409464.1	10324.40039	287.10	36.34	48.838131	-86.932158	56172.28	56247.2	2.75	56175.03	56216.09766	56152.26477	56189.72656	504978.2	5409464.1
L4980.0	504978.2	5409462.3	10324.50000	285.80	35.36	48.838115	-86.932158	56171.70	56247.3	2.75	56174.45	56214.85938	56151.88642	56188.67578	504978.2	5409462.3
L4980.0	504978.2	5409461.2	10324.59961	284.42	35.36	48.838106	-86.932158	56171.23	56247.3	2.75	56173.98	56213.73828	56151.45857	56187.58594	504978.2	5409461.2
L4980.0	504978.2	5409459.8	10324.70020	285.70	34.36	48.838093	-86.932158	56171.59	56247.3	2.75	56174.34	56213.45703	56150.76906	56186.24219	504978.2	5409459.8
L4980.0	504978.2	5409459.8	10324.79981	287.01	35.66	48.838093	-86.932158	56170.70	56247.3	2.74	56173.45	56211.93750	56150.36545	56185.19922	504978.2	5409459.8
L4980.0	504978.2	5409457.3	10324.90039	283.64	35.66	48.838070	-86.932158	56170.84	56247.3	2.74	56173.58	56211.44531	56149.62921	56183.83203	504978.2	5409457.3
L4980.0	504978.2	5409457.3	10325.00000	285.78	27.91	48.838070	-86.932158	56169.96	56247.3	2.74	56172.70	56209.94922	56149.07248	56182.65625	504978.2	5409457.3
L4980.0	504978.2	5409455.8	10325.09961	289.67	29.5	48.838057	-86.932158	56169.80	56247.3	2.74	56172.54	56209.18359	56148.24751	56181.22266	504978.2	5409455.8
L4980.0	504978.2	5409453.9	10325.20020	289.47	29.5	48.838040	-86.932158	56169.43	56247.3	2.74	56172.17	56208.21875	56147.39624	56179.76953	504978.2	5409453.9
L4980.0	504978.2	5409452.3	10325.20020	289.47	29.5	48.838025	-86.932159	56169.02	56247.3	2.74	56171.76	56207.22266	56146.47506	56178.26172	504978.2	5409452.3
L4980.0	504978.2	5409450.8	10325.40039	289.14	26.88	48.838012	-86.932159	56168.18	56247.3	2.74	56170.92	56205.80469	56145.58487	56176.78906	504978.2	5409450.8
L4980.0	504978.2	5409450.8	10325.50000	291.35	26.88	48.838012	-86.932159	56167.88	56247.3	2.74	56170.62	56204.93750	56144.46974	56175.10547	504978.2	5409450.8
L4980.0	504978.2	5409449.4	10325.59961	290.69	31.31	48.837999	-86.932159	56167.59	56247.3	2.74	56170.33	56204.08984	56143.26931	56173.34375	504978.2	5409449.4
L4980.0	504978.2	5409449.4	10325.70020	291.49	36.54	48.837999	-86.932159	56166.91	56247.3	2.74	56169.65	56202.85938	56142.09264	56171.61328	504978.2	5409449.4
L4980.0	504978.2	5409447.5	10325.79981	289.24	36.54	48.837982	-86.932159	56165.92	56247.3	2.74	56168.66	56201.32813	56140.91609	56169.89453	504978.2	5409447.5
L4980.0	504978.2	5409446.0	10325.90039	289.63	34.79	48.837969	-86.932159	56163.89	56247.3	2.74	56166.63	56198.76563	56139.95280	56168.39844	504978.2	5409446.0
L4980.0	504978.2	5409446.0	10326.00000	287.76	37.43	48.837969	-86.932159	56163.29	56247.3	2.74	56166.03	56197.64453	56138.49039	56166.41016	504978.2	5409446.0
L4980.0	504978.2	5409444.6	10326.09961	286.28	37.43	48.837956	-86.932159	56163.35	56247.3	2.74	56166.09	56197.19141	56136.72550	56164.12891	504978.2	5409444.6
L4980.0	504978.2	5409442.7	10326.20020	284.36	35.16	48.837939	-86.932159	56162.54	56247.3	2.74	56165.28	56195.87500	56135.11727	56162.01172	504978.2	5409442.7
L4980.0	504978.2	5409441.0	10326.29981	283.76	35.16	48.837924	-86.932159	56161.35	56247.3	2.74	56164.09	56194.19141	56133.52083	56159.91797	504978.2	5409441.0
L4980.0	504978.2	5409441.0	10326.40039	284.81	31	48.837924	-86.932159	56159.78	56247.3	2.74	56162.52	56192.13672	56131.94550	56157.85156	504978.2	5409441.0
L4980.0	504978.2	5409439.4	10326.50000	284.75	31	48.837909	-86.932159	56158.15	56247.3	2.74	56160.89	56190.03125	56133.57506	56158.99609	504978.2	5409439.4
L4980.0	504978.2	5409437.9	10326.59961	286.38	34.81	48.837896	-86.932159	56156.65	56247.3	2.74	56159.39	56188.06250	56131.79998	56156.74219	504978.2	5409437.9
L4980.0	504978.2	5409436.5	10326.70020	287.06	35.62	48.837883	-86.932159	56155.83	56247.3	2.74	56158.57	56186.78516	56130.27855	56154.75391	504978.2	5409436.5
L4980.0	504978.2	5409436.5	10326.79981	287.24	35.62	48.837883	-86.932159	56154.72	56247.3	2.74	56157.46	56185.22266	56128.60902	56152.62500	504978.2	5409436.5
L4980.0	504978.2	5409434.8	10326.90039	287.96	37.27	48.837868	-86.932159	56152.96	56247.3	2.74	56155.70	56183.02344	56126.65378	56150.21484	504978.2	5409434.8
L4980.0	504978.2	5409433.6	10327.00000	290.92	37.27	48.837857	-86.932159	56150.58	56247.3	2.74	56153.32	56180.21094	56124.43110	56147.54297	504978.2	5409433.6
L4980.0	504978.2	5409431.9	10327.09961	288.73	31.32	48.837842	-86.932159	56149.28	56247.3	2.74	56152.02	56178.48828	56122.64115	56145.31250	504978.2	5409431.9
L4980.0	504978.2	5409430.8	10327.20020	288.13	31.32	48.837832	-86.932159	56147.23	56247.3	2.74	56149.96	56176.01563	56120.53001	56142.76953	504978.2	5409430.8
L4980.0	504978.2	5409429.1	10327.20020	288.13	35.81	48.837816	-86.932158	56145.56	56247.3	2.74	56148.30	56173.94922	56118.56158	56140.37500	504978.2	5409429.1
L4980.0	504978.2	5409429.1	10327.40039	284.87	34.68	48.837816	-86.932158	56143.64	56247.3	2.74	56146.38	56171.63281	56116.44953	56137.84375	504978.2	5409429.1
L4980.0	504978.2	5409427.6	10327.50000	284.14	34.68	48.837804	-86.932158	56141.31	56247.3	2.74	56144.04	56168.90234	56114.12346	56135.10156	504978.2	5409427.6
L4980.0	504978.2	5409427.6	10327.59961	287.03	34.13	48.837804	-86.932158	56138.56	56247.3	2.73	56141.29	56165.77344	56111.56154	56132.12891	504978.2	5409427.6
L4980.0	504978.2	5409424.5	10327.70020	289.00	34.13	48.837775	-86.932158	56135.57	56247.3	2.73	56138.31	56162.42188	56108.81927	56128.98438	504978.2	5409424.5
L4980.0	504978.2	5409424.5	10327.79981	287.79	33.33	48.837775	-86.932158	56133.37	56247.3	2.73	56136.10	56159.84766	56106.29391	56126.06250	504978.2	5409424.5
L4980.0	504978.2	5409423.1	10327.90039	288.99	33.33	48.837762	-86.932158	56130.64	56247.3	2.73	56133.37	56156.76172	56103.45963	56122.83594	504978.2	5409423.1
L4980.0	504978.2	5409421.6	10328.00000	287.77	35.5	48.837749	-86.932158	56127.07	56247.3	2.73	56129.80	56152.84766	56100.18348	56119.17188	504978.2	5409421.6
L4980.0	504978.2	5409420.2	10328.09961	287.04	35.5	48.837737	-86.932158	56124.03	56247.3	2.73	56126.76	56149.46875	56097.03093	56115.64063	504978.2	5409420.2
L4980.0	504978.2	5409420.2	10328.20020	288.00	34.05	48.837737	-86.932158	56120.65	56247.3	2.73	56123.38	56145.75391	56093.67127	56111.90234	504978.2	5409420.2
L4980.0	504978.3	5409418.8	10328.29981	288.14	34.05	48.837724	-86.932158	56116.47	56247.3	2.73	56119.20	56141.25000	56089.94425	56107.80469	504978.3	5409418.8
L4980.0	504978.3	5409417.3	10328.40039	286.03	35.51	48.837711	-86.932158	56113.09	56247.3	2.73	56115.82	56137.55469	56086.48068	56103.97266	504978.3	5409417.3
L4980.0	504978.3	5409415.8	10328.50000	284.24	35.51	48.837697	-86.932158	56108.48	56247.3	2.74	56111.21	56132.63672	56082.50439	56099.63672	504978.3	5409415.8
L4980.0	504978.2	5409414.4	10328.59961	283.63	36.51	48.837684	-86.932158	56104.36	56247.3	2.74	56107.09	56128.21484	56078.67848	56095.44922	504978.2	5409414.4

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4980.0	504978.2	5409413.3	10328.70020	285.09	36.51	48.837674	-86.932158	56099.63	56247.3	2.74	56102.36	56123.19141	56074.59228	56091.01172	504978.2	5409413.3
L4980.0	504978.2	5409413.3	10328.79981	283.69	35.06	48.837674	-86.932158	56095.15	56247.3	2.74	56097.89	56118.43359	56070.57681	56086.64453	504978.2	5409413.3
L4980.0	504978.2	5409411.9	10328.90039	284.50	36.49	48.837662	-86.932158	56090.12	56247.3	2.74	56092.86	56113.12500	56066.33390	56082.05469	504978.2	5409411.9
L4980.0	504978.2	5409410.4	10329.00000	284.80	36.49	48.837649	-86.932158	56085.26	56247.3	2.74	56088.00	56107.99219	56062.13484	56077.51563	504978.2	5409410.4
L4980.0	504978.2	5409408.9	10329.09961	285.00	37	48.837635	-86.932158	56079.36	56247.3	2.74	56082.10	56101.82422	56057.53559	56072.57422	504978.2	5409408.9
L4980.0	504978.2	5409407.8	10329.20020	288.97	35.02	48.837625	-86.932158	56073.60	56247.3	2.73	56076.33	56095.79297	56052.95948	56067.66406	504978.2	5409407.8
L4980.0	504978.2	5409407.8	10329.20020	288.97	35.02	48.837625	-86.932158	56067.76	56247.3	2.73	56070.49	56089.69922	56048.32891	56062.70313	504978.2	5409407.8
L4980.0	504978.2	5409406.1	10329.40039	289.17	35.02	48.837609	-86.932158	56061.31	56247.3	2.72	56064.03	56082.99219	56043.43580	56057.48047	504978.2	5409406.1
L4980.0	504978.2	5409404.5	10329.50000	287.57	36.44	48.837595	-86.932159	56054.42	56247.3	2.72	56057.14	56075.86328	56038.34246	56052.05859	504978.2	5409404.5
L4980.0	504978.2	5409402.8	10329.59961	288.00	36.44	48.837580	-86.932159	56048.05	56247.3	2.72	56050.76	56069.24609	56033.39038	56046.78516	504978.2	5409402.8
L4980.0	504978.2	5409401.4	10329.70020	288.94	36.44	48.837568	-86.932159	56041.18	56247.3	2.71	56043.89	56062.14453	56028.19829	56041.27344	504978.2	5409401.4
L4980.0	504978.2	5409401.4	10329.79981	287.12	35.13	48.837568	-86.932159	56033.36	56247.3	2.71	56036.06	56054.09375	56022.57784	56035.33594	504978.2	5409401.4
L4980.0	504978.2	5409400.0	10329.90039	287.01	37.27	48.837555	-86.932159	56025.66	56247.3	2.70	56028.37	56046.18359	56016.94238	56029.38281	504978.2	5409400.0
L4980.0	504978.1	5409398.3	10330.00000	286.57	37.27	48.837539	-86.932160	56017.54	56247.3	2.70	56020.24	56037.83984	56011.06754	56023.19531	504978.1	5409398.3
L4980.0	504978.1	5409396.8	10330.09961	285.77	37.27	48.837526	-86.932160	56009.48	56247.3	2.70	56012.18	56029.57031	56005.15200	56016.97266	504978.1	5409396.8
L4980.0	504978.1	5409396.8	10330.20020	286.90	36.59	48.837526	-86.932160	56001.13	56247.3	2.71	56003.83	56021.01953	55999.05907	56010.57031	504978.1	5409396.8
L4980.0	504978.1	5409395.4	10330.29981	288.68	35.16	48.837513	-86.932160	55992.10	56247.3	2.71	55994.81	56011.80078	55992.64502	56003.85156	504978.1	5409395.4
L4980.0	504978.1	5409393.7	10330.40039	287.49	35.16	48.837498	-86.932161	55983.78	56247.3	2.71	55986.49	56003.28516	55986.46984	55997.37109	504978.1	5409393.7
L4980.0	504978.0	5409391.8	10330.50000	287.72	32.28	48.837481	-86.932161	55974.82	56247.3	2.71	55977.54	55994.14844	55980.01595	55990.61719	504978.0	5409391.8
L4980.0	504978.0	5409391.8	10330.59961	286.62	32.28	48.837481	-86.932161	55965.84	56247.3	2.72	55968.56	55984.98047	55973.53949	55983.83984	504978.0	5409391.8
L4980.0	504978.0	5409390.4	10330.70020	286.94	35.43	48.837468	-86.932161	55956.51	56247.3	2.72	55959.23	55975.47266	55966.92874	55976.93359	504978.0	5409390.4
L4980.0	504978.0	5409388.9	10330.79981	287.71	35.43	48.837455	-86.932162	55946.87	56247.3	2.72	55949.60	55965.66406	55960.22146	55969.92969	504978.0	5409388.9
L4980.0	504978.0	5409387.7	10330.90039	287.01	35.76	48.837444	-86.932162	55937.28	56247.3	2.73	55940.01	55955.90234	55953.56890	55962.98438	504978.0	5409387.7
L4980.0	504978.0	5409386.2	10331.00000	286.55	35.49	48.837431	-86.932162	55926.79	56247.3	2.73	55929.52	55945.24219	55946.61574	55955.73828	504978.0	5409386.2
L4980.0	504978.0	5409386.2	10331.09961	287.54	35.49	48.837431	-86.932162	55916.70	56247.3	2.73	55919.42	55934.97656	55939.88464	55948.71484	504978.0	5409386.2
L4980.0	504977.9	5409384.7	10331.20020	290.15	38.06	48.837418	-86.932162	55907.74	56247.3	2.72	55910.46	55925.85156	55933.66822	55942.21094	504977.9	5409384.7
L4980.0	504977.9	5409383.3	10331.20020	290.15	38.06	48.837405	-86.932163	55898.33	56247.3	2.72	55901.06	55916.29297	55927.35298	55935.60938	504977.9	5409383.3
L4980.0	504977.9	5409381.7	10331.29981	289.32	36.62	48.837390	-86.932163	55888.24	56247.3	2.72	55890.96	55906.03516	55920.84466	55928.81250	504977.9	5409381.7
L4980.0	504977.9	5409381.7	10331.50000	287.10	33.23	48.837390	-86.932163	55878.56	56247.3	2.71	55881.27	55896.19141	55914.55261	55922.23828	504977.9	5409381.7
L4980.0	504977.9	5409380.0	10331.59961	285.58	33.23	48.837375	-86.932163	55868.56	56247.3	2.71	55871.27	55886.04297	55908.20071	55915.60156	504977.9	5409380.0
L4980.0	504977.9	5409378.5	10331.70020	285.42	30.87	48.837362	-86.932163	55858.94	56247.3	2.71	55861.65	55876.27344	55902.02989	55909.14844	504977.9	5409378.5
L4980.0	504977.9	5409377.1	10331.79981	285.58	38.43	48.837348	-86.932164	55849.49	56247.3	2.71	55852.19	55866.66797	55895.94179	55902.78125	504977.9	5409377.1
L4980.0	504977.9	5409377.1	10331.90039	285.94	38.43	48.837348	-86.932164	55840.68	56247.3	2.70	55843.39	55857.72266	55890.09302	55896.65234	504977.9	5409377.1
L4980.0	504977.8	5409375.1	10332.00000	284.38	37.14	48.837331	-86.932164	55832.18	56247.3	2.70	55834.88	55849.07031	55884.32833	55890.60938	504977.8	5409375.1
L4980.0	504977.8	5409373.6	10332.09961	286.49	37.14	48.837318	-86.932164	55823.51	56247.3	2.71	55826.21	55840.26172	55878.46938	55884.47656	504977.8	5409373.6
L4980.0	504977.8	5409372.2	10332.20020	284.85	37.53	48.837305	-86.932164	55815.22	56247.3	2.71	55817.93	55831.84375	55872.69487	55878.42578	504977.8	5409372.2
L4980.0	504977.8	5409370.8	10332.29981	286.34	37.53	48.837292	-86.932164	55806.68	56247.3	2.72	55809.40	55823.17578	55866.74696	55872.20313	504977.8	5409370.8
L4980.0	504977.8	5409370.8	10332.40039	284.43	37.53	48.837292	-86.932164	55799.33	56247.3	2.72	55802.05	55815.68750	55861.14819	55866.33203	504977.8	5409370.8
L4980.0	504977.8	5409369.0	10332.50000	285.97	34.23	48.837276	-86.932164	55792.37	56247.3	2.73	55795.10	55808.60547	55855.62031	55860.53125	504977.8	5409369.0
L4980.0	504977.8	5409369.0	10332.59961	286.22	38.94	48.837276	-86.932164	55785.49	56247.3	2.74	55788.22	55801.59375	55850.04556	55854.68750	504977.8	5409369.0
L4980.0	504977.8	5409367.1	10332.70020	286.00	38.94	48.837259	-86.932165	55778.84	56247.3	2.74	55781.58	55794.82031	55844.49608	55848.87109	504977.8	5409367.1
L4980.0	504977.8	5409365.7	10332.79981	283.97	41.3	48.837246	-86.932165	55773.25	56247.3	2.75	55776.00	55789.10938	55839.32251	55843.42969	504977.8	5409365.7
L4980.0	504977.8	5409364.2	10332.90039	284.68	37.3	48.837233	-86.932165	55766.64	56247.2	2.75	55769.40	55782.37891	55833.69864	55837.53906	504977.8	5409364.2
L4980.0	504977.8	5409364.2	10333.00000	286.84	37.3	48.837233	-86.932165	55761.28	56247.2	2.76	55764.04	55776.89063	55841.89787	55845.47266	504977.8	5409364.2
L4980.0	504977.8	5409362.3	10333.09961	285.51	37.3	48.837215	-86.932165	55756.88	56247.2	2.76	55759.64	55772.36328	55836.95033	55840.26172	504977.8	5409362.3
L4980.0	504977.8	5409360.3	10333.20020	288.21	41.86	48.837198	-86.932165	55751.84	56247.2	2.75	55754.59	55767.18359	55832.54705	55835.59375	504977.8	5409360.3
L4980.0	504977.8	5409360.3	10333.20020	288.21	41.15	48.837198	-86.932165	55748.05	56247.2	2.75	55750.80	55763.26563	55828.17054	55830.95703	504977.8	5409360.3
L4980.0	504977.8	5409358.6	10333.40039	292.26	41.15	48.837182	-86.932165	55745.42	56247.3	2.75	55748.17	55760.50391	55823.95014	55826.47656	504977.8	5409358.6
L4980.0	504977.8	5409357.0	10333.50000	289.66	41.33	48.837168	-86.932165	55742.14	56247.3	2.75	55744.89	55757.09766	55820.33959	55822.60938	504977.8	5409357.0
L4980.0	504977.8	5409355.6	10333.59961	290.70	41.33	48.837155	-86.932165	55739.71	56247.3	2.74	55742.45	55754.53125	55817.03985	55819.05078	504977.8	5409355.6
L4980.0	504977.8	5409355.6	10333.70020	289.75	40.94	48.837155	-86.932165	55738.65	56247.3	2.74	55741.39	55753.33984	55814.02451	55815.78125	504977.8	5409355.6
L4980.0	504977.8	5409353.9	10333.79981	290.60	40.94	48.837140	-86.932165	55737.20	56247.3	2.74	55739.94	55751.76172	55811.61362	55813.11719	504977.8	5409353.9
L4980.0	504977.8	5409352.5	10333.90039	290.07	41.29	48.837127	-86.932165	55736.82	56247.3	2.73	55739.56	55751.25391	55809.59987	55810.85156	504977.8	5409352.5
L4980.0	504977.8	5409350.8	10334.00000	288.98	41.12	48.837112	-86.932165	55737.11	56247.3	2.73	55739.84	55751.40234	55808.07054	55809.07031	504977.8	5409350.8
L4980.0	504977.8	5409350.8	10334.09961	289.23	41.12	48.837112	-86.932165	55736.75	56247.3	2.73	55739.48	55750.91406	55807.17612	55807.92969	504977.8	5409350.8
L4980.0	504977.8	5409349.1	10334.20020	287.95	40.77	48.837097	-86.932164	55736.54	56247.3	2.73	55739.27	55750.57422	55806.82662	55807.33203	504977.8	5409349.1
L4980.0	504977.8	5409347.5	10334.29981	289.09	40.77	48.837082	-86.932164	55736.50	56247.3	2.73	55739.23	55750.40234	55806.99349	55807.25391	504977.8	5409347.5
L4980.0	504977.8	5409347.5	10334.40039	290.40	39.96	48.837082	-86.932164	55738.77	56247.3	2.73	55741.50	55752.53906	55807.41186	55807.42578	504977.8	5409347.5
L4980.0	504977.9	5409346.0	10334.50000	290.21	32.98	48.837069	-86.932164	55739.88	56247.3	2.73	55742.61	55753.51563	55808.39977	55808.17188	504977.9	5409346.0
L4980.0	504977.9	5409344.3	10334.59961	290.08	35.45	48.837054	-86.932164	55741.80	56247.3	2.73	55744.53	55755.30078	55809.69711	55809.23047	504977.9	5409344.3
L4980.0	504977.9	5409342.9	10334.70020	290.11	35.45	48.837041	-86.932164	55744.57	56247.3	2.73	55747.30	55757.93750	55811.23731	55810.53516	504977.9	5409342.9
L4980.0	504977.9	5409342.9	10334.79981	288.53	29.75	48.837041	-86.932164	55747.81	56247.3	2.73	55750.54	55761.03906	55813.01558	55812.07813	504977.9	5409342.9
L4980.0	504977.9	5409341.4	10334.90039	287.12	36.93	48.837028	-86.932163	55750.51	56247.3	2.73	55753.24	55763.60156	55815.13622	55813.96094	504977.9	5409341.4
L4980.0	504977.9	5409339.9	10335.00000	287.23	36.93	48.837014	-86.932163	55753.97	56247.3	2.73	55756.70	55766.92578	55817.37758	55815.97266	504977.9	5409339.9
L4980.0	504978.0	5409338.2	10335.09961	286.30	35.48	48.836999	-86.932163	55757.71	56247.3	2.73	55760.45	55770.53516	55819.75698	55818.12109	504978.0	5409338.2
L4980.0	504978.0	5409337.1	10335.20020	288.11	35.48	48.836989	-86.932162	55761.16	56247.3	2.73	55763.89	55773.83594	55822.33843	55820.47656	504978.0	5409337.1
L4980.0	504978.0	5409337.1	10335.20020	288.11	33.95	48.836989	-86.932162	55765.34	56247.3	2.73	55768.07	55777.87109	55824.89539	55822.80859	504978.0	5409337.1
L4980.0	504978.0	5409335.6	10335.40039	284.62	33.54	48.836976	-86.932162	55769.30	56247.3	2.73	55772.03	55781.68750	55827.59065	55825.28125	504978.0	5409335.6
L4980.0	504978.0	5409333.9	10335.50000	287.64	33.54	48.836960	-86.932162	55773.88	56247.3	2.73	55776.61	55786.12500	55830.25756	55827.72656	504978.0	5409333.9
L4980.0	504978.1	5409332.3	10335.59961	288.05	33.54	48.836945	-86.932161	55778.69	56247.3	2.73	55781.42	55790.78906	55832.96343	55830.21484	504978.1	5409332.3
L4980.0	504978.1	5409332.3	10335.70020	289.07	31.22	48.836945	-86.932161	55783.06	56247.3	2.73	55785.79	55795.01172	55835.83776	55832.87500	504978.1	5409332.3
L4980.0	504978.1	5409330.9	10335.79981	290.78	30.33	48.836933	-86.932161	55787.67	56247.3	2.73	55790.40	55799.47266	55838.74594	55835.57031	504978.1	5409330.9
L4980.0	504978.1	5409329.4	10335.90039	292.58	30.33	48.836920	-86.932161	55792.14	56247.3	2.73	55794.87	55803.78906	55841.76266	55838.37891	504978.1	5409329.4
L4980.0	504978.1	5409327.9	10336.00000	290.94	37.29	48.836906	-86.932160	55797.15	56247.3	2.73	55799.88	55808.64844	55844.76238	55841.17188	504978.1	5409327.9
L4980.0	504978.2	5409326.6	10336.09961	289.80	37.29	48.836895	-86.932160	55802.01	56247.3	2.74	55804.75	55813.36719	55847.87735	55844.08203	504978.2	5409326.6
L4980.0	504978.2	5409325.2	10336.20020	288.42	34.48	48.836882	-86.932160	55806.89	56247.3	2.74	55809.63	55818.08984	55851.07704	55847.08203	504978.2	5409325.2
L4980.0	504978.2	5409325.2	10336.29981	287.55	34.48	48.836882	-86.932160	55812.34	56247.2	2.75	55815.09	55823.39453	55854.26824	55850.07422	504978.2	5409325.2
L4980.0	504978.2	5409323.7	10336.40039	286.79	36.51	48.836869	-86.932159	55818.50	56247.2	2.76	55821.25	55829.39453	55857.44853	55853.05859	504978.2	5409323.7
L4980.0	504978.3	5409321.7	10336.50000	287.12	36.51	48.836850	-86.932159	55824.45	56247.2	2.76	55827.21	55835.19531	55860.75749	55856.17578	504978.3	5409321.7
L4980.0	504978.3	5409320.2	10336.59961	286.77	38.28	48.836837	-86.932159	55830.21	56247.2	2.77	55832.98	55840.80469	55864.18177	55859.41016	504978.3	5409320.2
L4980.0	504978.3	5409320.2	10336.70020	288.80	38.43	48.836837	-86.932159	55834.56	56247.2	2.78	55837.34	55845.00391	55867.83276	55862.87500	504978.3	5409320.2
L4980.0	504978.3	5409318.8	10336.79981	290.21	38.43	48.836824	-86.932158	55841.09	56247.2	2.79	55843.88	55851.37891	55871.32555	55866.18359	504978.3	5409318.8
L4980.0	504978.3	5409318.8	10336.90039	291.70	35.62	48.836824	-86.932158	55846.60	56247.2	2.79	55849.40	55856.73438	55874.98256	55869.66016	504978.3	5409318.8
L4980.0	504978.3	5409317.2	10337.00000	289.36	35.62	48.836810	-86.932158	55852.14	56247.2	2.80	55854.94	55862.10938	55878.69795	55873.19922	504978.3	5409317.2
L4980.0	504978.3	5409315.5	10337.09961	290.41	33.56	48.836794	-86.932158	55857.69	56247.2	2.80	55860.49	55867.49219	55882.47196	55876.80078	504978.3	5409315.5
L4980.0	504978.4	5409314.3	10337.20020	289.97	36.02	48.836784	-86.932158	55862.92	56247.2	2.80	55865.71	55872.54297	55886.31204	55880.47266	504978.4	5409314.3
L4980.0	504978.4	5409312.7	10337.20020	289.97	36.02	48.836769	-86.932158	55868.91	56247.2	2.80	55871.71	55878.37109	55890.20244	55884.19531	504978.4	5409312.7
L4980.0	504978.4	5409312.7	10337.40039	290.35	35	48.836769	-86.932158	55873.87	56247.2	2.79	55876.66	55883.14844	55894.15084	55887.98047	504978.4	5409312.7
L4980.0	504978.4	5409311.0	10337.50000	289.88	35	48.836755	-86.932158	55880.02	56247.2	2.79	55882.81	55889.12891	55898.17546	55891.84766	504978.4	5409311.0
L4980.0	504978.4	5409309.6	10337.59961	290.52	34.7	48.836742	-86.932158	55885.33	56247.2	2.79	55888.12	55894.26563	55902.23148	55895.74609	504978.4	5409309.6
L4980.0	504978.4	5409307.9	10337.70020	287.34	34.7	48.836727	-86.932158	55890.52	56247.2	2.79	55893.30	55899.26953	55906.32062	55899.68359	504978.4	5409307.9
L4980.0	504978.4	5409307.9	10337.79981	287.48	38.19	48.836727	-86.932158	55895.38	56247.2	2.78	55898.16	55903.95313	55910.42261	55903.64063	504978.4	5409307.9
L4980.0	504978.4	5409306.5	10337.90039	286.28	37.64	48.836714	-86.932158	55900.40	56247.2	2.78	55903.18	55908.79688	55914.56295	55907.63281	504978.4	5409306.5

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4980.0	504978.3	5409304.8	10338.00000	290.42	37.64	48.836698	-86.932158	55905.56	56247.2	2.78	55908.34	55913.77734	55918.73867	55911.66797	504978.3	5409304.8
L4980.0	504978.3	5409303.2	10338.09961	291.68	39.8	48.836684	-86.932158	55909.96	56247.2	2.78	55912.74	55918.00000	55922.86871	55915.66406	504978.3	5409303.2
L4980.0	504978.3	5409303.2	10338.20020	291.74	39.8	48.836684	-86.932158	55916.34	56247.2	2.78	55919.12	55924.20313	55927.16022	55919.82031	504978.3	5409303.2
L4980.0	504978.3	5409301.6	10338.29981	291.81	28.52	48.836669	-86.932159	55921.02	56247.2	2.78	55923.80	55928.69922	55931.30696	55923.83984	504978.3	5409301.6
L4980.0	504978.3	5409300.1	10338.40039	291.45	31.72	48.836657	-86.932159	55926.84	56247.2	2.78	55929.62	55934.33984	55935.51360	55927.91797	504978.3	5409300.1
L4980.0	504978.3	5409298.7	10338.50000	291.13	31.72	48.836643	-86.932159	55931.32	56247.2	2.78	55934.10	55938.63672	55939.58927	55931.87109	504978.3	5409298.7
L4980.0	504978.3	5409298.7	10338.59961	291.71	31.65	48.836643	-86.932159	55936.12	56247.2	2.78	55938.90	55943.25781	55943.63821	55935.80469	504978.3	5409298.7
L4980.0	504978.3	5409297.3	10338.70020	294.45	31.65	48.836631	-86.932159	55941.03	56247.2	2.78	55943.81	55947.98438	55947.62870	55939.67969	504978.3	5409297.3
L4980.0	504978.3	5409295.4	10338.79981	293.99	34.05	48.836614	-86.932159	55945.38	56247.2	2.78	55948.16	55952.14844	55951.53220	55943.47266	504978.3	5409295.4
L4980.0	504978.3	5409294.2	10338.90039	292.96	34.05	48.836603	-86.932159	55949.86	56247.2	2.78	55952.64	55956.44531	55955.36538	55947.19922	504978.3	5409294.2
L4980.0	504978.3	5409294.2	10339.00000	290.57	40.18	48.836603	-86.932159	55954.36	56247.2	2.78	55957.14	55960.76172	55959.11559	55950.84766	504978.3	5409294.2
L4980.0	504978.3	5409292.3	10339.09961	288.58	40.18	48.836586	-86.932159	55958.28	56247.2	2.78	55961.06	55964.49609	55962.79931	55954.43359	504978.3	5409292.3
L4980.0	504978.3	5409290.6	10339.20020	287.38	38	48.836571	-86.932159	55962.96	56247.2	2.79	55965.75	55969.00391	55966.36472	55957.90625	504978.3	5409290.6
L4980.0	504978.3	5409289.5	10339.20020	287.38	38	48.836560	-86.932159	55966.68	56247.2	2.79	55969.47	55972.53906	55969.90006	55961.35156	504978.3	5409289.5
L4980.0	504978.3	5409289.5	10339.29981	285.98	39.98	48.836560	-86.932159	55970.47	56247.2	2.79	55973.26	55976.14453	55973.35668	55964.72266	504978.3	5409289.5
L4980.0	504978.3	5409288.0	10339.40039	287.89	39.98	48.836547	-86.932159	55974.85	56247.2	2.80	55977.64	55980.33984	55976.67437	55967.95703	504978.3	5409288.0
L4980.0	504978.3	5409286.6	10339.50000	287.84	40.18	48.836535	-86.932159	55978.67	56247.2	2.80	55981.47	55983.98438	55979.96446	55971.16797	504978.3	5409286.6
L4980.0	504978.3	5409285.0	10339.59961	290.80	34.16	48.836520	-86.932159	55982.54	56247.2	2.80	55985.34	55987.66797	55983.17139	55974.30078	504978.3	5409285.0
L4980.0	504978.3	5409283.5	10339.70020	293.84	34.16	48.836507	-86.932159	55986.11	56247.2	2.81	55988.91	55991.05469	55986.34149	55977.40234	504978.3	5409283.5
L4980.0	504978.3	5409283.5	10339.90039	287.44	31.59	48.836507	-86.932159	55989.79	56247.2	2.82	55992.61	55994.57031	55989.42163	55980.41406	504978.3	5409283.5
L4980.0	504978.3	5409281.9	10340.00000	287.07	31.59	48.836492	-86.932159	55992.78	56247.2	2.82	55995.60	55997.37500	55992.53493	55983.46484	504978.3	5409281.9
L4980.0	504978.3	5409281.9	10340.09961	287.07	33.21	48.836492	-86.932159	55996.14	56247.2	2.82	55998.96	56000.55078	55995.52868	55986.39844	504978.3	5409281.9
L4980.0	504978.3	5409278.5	10340.20020	285.69	36.79	48.836462	-86.932159	55999.48	56247.2	2.82	56002.30	56003.71094	55998.46001	55989.27734	504978.3	5409278.5
L4980.0	504978.3	5409278.5	10340.20020	285.69	36.79	48.836462	-86.932159	56002.49	56247.2	2.82	56005.31	56006.53516	56001.37717	55992.14063	504978.3	5409278.5
L4980.0	504978.3	5409277.2	10340.29981	284.36	38.37	48.836450	-86.932159	56005.71	56247.2	2.82	56008.52	56009.56250	56004.19957	55994.91406	504978.3	5409277.2
L4980.0	504978.3	5409277.2	10340.50000	288.03	38.37	48.836450	-86.932159	56009.38	56247.2	2.82	56012.19	56013.05078	56006.88573	55997.55859	504978.3	5409277.2
L4980.0	504978.3	5409275.5	10340.59961	289.87	37.13	48.836435	-86.932159	56012.01	56247.2	2.81	56014.82	56015.50000	56009.66612	56000.30078	504978.3	5409275.5
L4980.0	504978.3	5409274.1	10340.70020	290.46	37.13	48.836422	-86.932159	56015.12	56247.2	2.81	56017.93	56018.43359	56012.30505	56002.90234	504978.3	5409274.1
L4980.0	504978.3	5409272.7	10340.79981	289.89	33.31	48.836409	-86.932159	56017.74	56247.2	2.81	56020.55	56020.87109	56014.95314	56005.51563	504978.3	5409272.7
L4980.0	504978.3	5409271.5	10340.90039	290.55	34.88	48.836399	-86.932159	56020.66	56247.2	2.81	56023.47	56023.61328	56017.48459	56008.01953	504978.3	5409271.5
L4980.0	504978.3	5409270.2	10341.00000	290.49	34.88	48.836387	-86.932159	56023.26	56247.2	2.81	56026.07	56026.03516	56019.99909	56010.50781	504978.3	5409270.2
L4980.0	504978.3	5409268.9	10341.09961	289.49	37.4	48.836375	-86.932159	56025.77	56247.2	2.81	56028.58	56028.36719	56022.46087	56012.94922	504978.3	5409268.9
L4980.0	504978.3	5409268.9	10341.20020	289.08	37.4	48.836375	-86.932159	56028.52	56247.2	2.81	56031.33	56030.94141	56024.81151	56015.28125	504978.3	5409268.9
L4980.0	504978.3	5409267.0	10341.20020	289.08	36.43	48.836358	-86.932159	56031.08	56247.2	2.81	56033.89	56033.32813	56027.12590	56017.57813	504978.3	5409267.0
L4980.0	504978.3	5409265.8	10341.29981	288.72	36.43	48.836347	-86.932159	56033.00	56247.2	2.81	56035.81	56035.07422	56029.49982	56019.94141	504978.3	5409265.8
L4980.0	504978.3	5409264.1	10341.50000	288.03	37.68	48.836332	-86.932159	56035.94	56247.2	2.82	56038.75	56037.83984	56031.59678	56022.03125	504978.3	5409264.1
L4980.0	504978.3	5409264.1	10341.59961	287.69	43.16	48.836332	-86.932159	56038.69	56247.2	2.82	56041.50	56040.41797	56033.65458	56024.08203	504978.3	5409264.1
L4980.0	504978.3	5409262.2	10341.70020	286.49	43.16	48.836315	-86.932159	56040.74	56247.2	2.82	56043.55	56042.30078	56035.80766	56026.23438	504978.3	5409262.2
L4980.0	504978.3	5409260.8	10341.79981	286.03	43.17	48.836302	-86.932158	56042.89	56247.2	2.82	56045.71	56044.28906	56037.87745	56028.30469	504978.3	5409260.8
L4980.0	504978.3	5409259.6	10341.90039	286.28	43.17	48.836292	-86.932158	56044.91	56247.2	2.82	56047.73	56046.14063	56039.93181	56030.36328	504978.3	5409259.6
L4980.0	504978.3	5409259.6	10342.00000	288.26	41.3	48.836292	-86.932158	56046.74	56247.2	2.82	56049.56	56047.80469	56041.99586	56032.43359	504978.3	5409259.6
L4980.0	504978.4	5409258.2	10342.09961	286.94	40.06	48.836279	-86.932158	56049.19	56247.2	2.82	56052.01	56050.08984	56043.82686	56034.27344	504978.4	5409258.2
L4980.0	504978.4	5409256.8	10342.20020	286.95	41.43	48.836267	-86.932158	56051.39	56247.2	2.82	56054.21	56052.12500	56045.68558	56036.14844	504978.4	5409256.8
L4980.0	504978.4	5409254.9	10342.29981	284.82	41.43	48.836250	-86.932158	56053.59	56247.2	2.83	56056.41	56054.16406	56049.32544	56039.80078	504978.4	5409254.9
L4980.0	504978.4	5409254.9	10342.40039	283.23	41.8	48.836250	-86.932158	56055.56	56247.2	2.83	56058.39	56055.98047	56051.16045	56041.65625	504978.4	5409254.9
L4980.0	504978.4	5409253.6	10342.50000	284.62	42.64	48.836238	-86.932158	56057.84	56247.2	2.83	56060.67	56058.10156	56053.11396	56043.62891	504978.4	5409253.6
L4980.0	504978.4	5409252.1	10342.59961	285.47	42.64	48.836225	-86.932158	56058.81	56247.2	2.83	56061.64	56058.91406	56054.51382	56045.05469	504978.4	5409252.1
L4980.0	504978.4	5409250.3	10342.70020	286.13	38.43	48.836208	-86.932158	56060.85	56247.2	2.83	56063.69	56060.80469	56056.35603	56046.92188	504978.4	5409250.3
L4980.0	504978.4	5409248.7	10342.79981	286.42	38.43	48.836194	-86.932158	56062.92	56247.2	2.84	56065.76	56062.71875	56058.19600	56048.78906	504978.4	5409248.7
L4980.0	504978.4	5409248.7	10342.90039	287.15	41.8	48.836194	-86.932158	56064.46	56247.2	2.84	56067.30	56064.10547	56059.80535	56050.42969	504978.4	5409248.7
L4980.0	504978.4	5409247.3	10343.00000	288.05	41.8	48.836181	-86.932158	56066.06	56247.2	2.84	56068.90	56065.55078	56061.42563	56052.08203	504978.4	5409247.3
L4980.0	504978.4	5409245.6	10343.09961	288.07	42.82	48.836166	-86.932157	56067.35	56247.2	2.84	56070.19	56066.69141	56062.90268	56053.59766	504978.4	5409245.6
L4980.0	504978.5	5409244.4	10343.20020	287.55	44.94	48.836155	-86.932157	56069.20	56247.2	2.85	56072.04	56068.39063	56064.59062	56055.32031	504978.5	5409244.4
L4980.0	504978.5	5409242.8	10343.20020	287.55	44.94	48.836141	-86.932157	56070.51	56247.2	2.85	56073.36	56069.56250	56066.04157	56056.81250	504978.5	5409242.8
L4980.0	504978.5	5409242.8	10343.40039	285.89	42.6	48.836141	-86.932157	56072.26	56247.1	2.85	56075.11	56071.16406	56067.64429	56058.45703	504978.5	5409242.8
L4980.0	504978.5	5409241.7	10343.50000	284.80	42.03	48.836131	-86.932157	56074.16	56247.1	2.86	56077.01	56072.91797	56069.27897	56060.13281	504978.5	5409241.7
L4980.0	504978.5	5409240.3	10343.59961	286.82	42.03	48.836118	-86.932156	56076.34	56247.1	2.86	56079.19	56074.95313	56070.98541	56061.88281	504978.5	5409240.3
L4980.0	504978.5	5409238.6	10343.70020	286.92	46.48	48.836103	-86.932156	56077.72	56247.1	2.86	56080.58	56076.20313	56072.34300	56063.28906	504978.5	5409238.6
L4980.0	504978.6	5409237.2	10343.79981	287.98	46.48	48.836090	-86.932156	56079.32	56247.1	2.86	56082.18	56077.66016	56073.75182	56064.74609	504978.6	5409237.2
L4980.0	504978.6	5409237.2	10343.90039	287.90	46.48	48.836090	-86.932156	56080.78	56247.1	2.87	56083.64	56078.98047	56075.08244	56066.12500	504978.6	5409237.2
L4980.0	504978.6	5409235.8	10344.00000	289.72	45.65	48.836077	-86.932155	56082.50	56247.1	2.87	56085.37	56080.57031	56076.49058	56067.58594	504978.6	5409235.8
L4980.0	504978.6	5409234.1	10344.09961	287.73	37.46	48.836062	-86.932155	56082.93	56247.1	2.87	56085.80	56080.86328	56077.42623	56068.57422	504978.6	5409234.1
L4980.0	504978.6	5409232.9	10344.20020	287.04	40.55	48.836051	-86.932155	56084.36	56247.1	2.87	56087.23	56082.16016	56078.71672	56069.91797	504978.6	5409232.9
L4980.0	504978.6	5409232.9	10344.29981	285.93	40.55	48.836051	-86.932155	56085.76	56247.1	2.87	56088.63	56083.42188	56079.99995	56071.25781	504978.6	5409232.9
L4980.0	504978.7	5409231.0	10344.40039	284.34	47.69	48.836034	-86.932154	56086.32	56247.1	2.87	56089.19	56083.85156	56081.01911	56072.33203	504978.7	5409231.0
L4980.0	504978.7	5409229.5	10344.50000	286.25	45.6	48.836021	-86.932154	56087.91	56247.1	2.87	56090.78	56085.30859	56082.39219	56073.76172	504978.7	5409229.5
L4980.0	504978.7	5409228.2	10344.59961	285.28	45.6	48.836010	-86.932154	56089.36	56247.1	2.87	56092.23	56086.62500	56083.73714	56075.16406	504978.7	5409228.2
L4980.0	504978.7	5409227.0	10344.70020	285.99	46.04	48.835998	-86.932154	56090.14	56247.1	2.87	56093.01	56087.27734	56084.88863	56076.37500	504978.7	5409227.0
L4980.0	504978.7	5409227.0	10344.79981	284.92	47.76	48.835998	-86.932154	56091.61	56247.1	2.87	56094.48	56088.61719	56086.28468	56077.83203	504978.7	5409227.0
L4980.0	504978.7	5409224.1	10344.90039	284.26	47.76	48.835972	-86.932154	56093.03	56247.1	2.87	56095.90	56089.91016	56087.68518	56079.29297	504978.7	5409224.1
L4980.0	504978.7	5409224.1	10345.00000	281.39	49.41	48.835972	-86.932154	56094.48	56247.1	2.87	56097.35	56091.23438	56089.11562	56080.78516	504978.7	5409224.1
L4980.0	504978.7	5409222.5	10345.09961	281.51	48.35	48.835958	-86.932154	56095.31	56247.1	2.87	56098.18	56091.93750	56090.34900	56082.07813	504978.7	5409222.5
L4980.0	504978.7	5409221.3	10345.20020	282.88	48.35	48.835947	-86.932154	56097.32	56247.1	2.88	56100.20	56093.83594	56092.01688	56083.80859	504978.7	5409221.3
L4980.0	504978.7	5409221.3	10345.20020	282.88	46.19	48.835947	-86.932154	56098.64	56247.1	2.88	56101.52	56095.03125	56093.45301	56085.30859	504978.7	5409221.3
L4980.0	504978.7	5409219.6	10345.40039	284.82	46.19	48.835932	-86.932154	56099.47	56247.1	2.88	56102.36	56095.75000	56094.71279	56086.62891	504978.7	5409219.6
L4980.0	504978.7	5409216.9	10345.50000	285.76	43.28	48.835907	-86.932154	56100.68	56247.1	2.89	56103.57	56096.83594	56096.11526	56088.09375	504978.7	5409216.9
L4980.0	504978.7	5409216.9	10345.59961	288.24	43.28	48.835907	-86.932154	56101.45	56247.1	2.89	56104.34	56097.48828	56097.32959	56089.37109	504978.7	5409216.9
L4980.0	504978.7	5409216.9	10345.70020	288.07	45.2	48.835907	-86.932154	56102.84	56247.1	2.89	56105.73	56098.75781	56098.12104	56090.22656	504978.7	5409216.9
L4980.0	504978.7	5409213.8	10345.79981	289.27	45.2	48.835880	-86.932155	56103.75	56247.1	2.89	56106.65	56099.55859	56099.53059	56091.69922	504978.7	5409213.8
L4980.0	504978.7	5409213.8	10345.90039	292.04	36.62	48.835880	-86.932155	56105.27	56247.1	2.90	56108.16	56100.94922	56100.74530	56092.97656	504978.7	5409213.8
L4980.0	504978.7	5409212.4	10346.00000	294.57	50.66	48.835868	-86.932155	56106.28	56247.1	2.90	56109.18	56101.85156	56102.05769	56094.35547	504978.7	5409212.4
L4980.0	504978.6	5409211.0	10346.09961	292.42	48.63	48.835855	-86.932155	56106.78	56247.1	2.90	56109.68	56102.23828	56103.43673	56095.79688	504978.6	5409211.0
L4980.0	504978.6	5409209.9	10346.20020	292.12	48.63	48.835844	-86.932155	56107.55	56247.1	2.90	56110.44	56102.88281	56104.71642	56097.14063	504978.6	5409209.9
L4980.0	504978.6	5409209.9	10346.29981	290.35	45.43	48.835844	-86.932155	56108.68	56247.1	2.89	56111.58	56103.90625	56105.89958	56098.38672	504978.6	5409209.9
L4980.0	504978.6	5409208.3	10346.40039	289.57	45.43	48.835831	-86.932156	56110.42	56247.1	2.89	56113.31	56105.51953	56106.97783	56099.52344	504978.6	5409208.3
L4980.0	504978.6	5409207.3	10346.50000	290.11	44.48	48.835821	-86.932156	56111.14	56247.1	2.89	56114.03	56106.12500	56108.17608	56100.78516	504978.6	5409207.3
L4980.0	504978.5	5409205.5	10346.59961	289.67	44.48	48.835805	-86.932157	56112.43	56247.1	2.89	56115.31	56107.29297	56109.26515	56101.93750	504978.5	5409205.5
L4980.0	504978.5	5409204.0	10346.70020	289.95	42.06	48.835791	-86.932157	56113.71	56247.1	2.89	56116.60	56108.46875	56110.32051	56103.05078	504978.5	5409204.0
L4980.0	504978.5	5409204.0	10346.79981	290.63	48.09	48.835791	-86.932157	56114.20	56247.1	2.88	56117.08	56108.83594	56111.44691	56104.23828	504978.5	5409204.0
L4980.0	504978.5	5409202.1	10346.90039	290.77	48.09	48.835774	-86.932158	56115.26	56247.1	2.88	56118.14	56109.78516	56112.47764	56105.32813	504978.5	5409202.1
L4980.0	504978.4	5409200.6	10347.00000	288.21	48.13	48.835761	-86.932158	56116.12	56247.1	2.88	56119.00	56110.53125	56113.51313	56106.42578	504978.4	5409200.6
L4980.0	504978.4	5409199.0	10347.09961	285.64	47.74	48.835747	-86.932159	56117.66	56247.1	2.89	56120.55	56111.96875	56114.42762	56107.39844	504978.4	5409199.0
L4980.0	504978.4	5409199.0	10347.20020	285.00	47.74	48.835747	-86.932159	56118.57	56247.1	2.90	56121.46	56112.76953	56115.41909	56108.44531	504978.4	5409199.0

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4980.0	504978.4	5409197.4	10347.20020	285.00	47.74	48.835732	-86.932159	56119.54	56247.1	2.90	56122.44	56113.63672	56116.38929	56109.47266	504978.4	5409197.4
L4980.0	504978.3	5409195.7	10347.40039	285.53	46.98	48.835717	-86.932159	56121.30	56247.1	2.92	56124.21	56115.29688	56117.19677	56110.33594	504978.3	5409195.7
L4980.0	504978.3	5409195.7	10347.50000	286.65	46.98	48.835717	-86.932159	56121.26	56247.1	2.93	56124.18	56115.15234	56118.36213	56111.55859	504978.3	5409195.7
L4980.0	504978.3	5409194.1	10347.59961	287.24	40.86	48.835702	-86.932160	56121.76	56247.1	2.93	56124.69	56115.55469	56119.43493	56112.68359	504978.3	5409194.1
L4980.0	504978.3	5409192.4	10347.70020	286.80	42.12	48.835688	-86.932160	56123.58	56247.1	2.94	56126.53	56117.28125	56120.20155	56113.50781	504978.3	5409192.4
L4980.0	504978.2	5409191.2	10347.79981	289.43	42.12	48.835677	-86.932161	56123.64	56247	2.95	56126.59	56117.23047	56121.40794	56114.76563	504978.2	5409191.2
L4980.0	504978.2	5409189.3	10347.90039	289.07	42.12	48.835660	-86.932161	56124.82	56247	2.96	56127.78	56118.31250	56122.33692	56115.74609	504978.2	5409189.3
L4980.0	504978.2	5409189.3	10348.00000	290.08	42.87	48.835660	-86.932161	56126.21	56247	2.97	56129.18	56119.60156	56123.20254	56116.66406	504978.2	5409189.3
L4980.0	504978.2	5409187.7	10348.09961	289.61	49.86	48.835645	-86.932161	56127.37	56247	2.96	56130.33	56120.64063	56124.13096	56117.64063	504978.2	5409187.7
L4980.0	504978.2	5409186.1	10348.20020	290.11	49.86	48.835630	-86.932161	56128.59	56247	2.96	56131.54	56121.74219	56125.03307	56118.59375	504978.2	5409186.1
L4980.0	504978.2	5409186.1	10348.29981	289.44	49.57	48.835630	-86.932161	56128.94	56247	2.95	56131.89	56121.98047	56125.93561	56119.54297	504978.2	5409186.1
L4980.0	504978.2	5409184.5	10348.40039	288.09	49.57	48.835616	-86.932162	56130.71	56247.1	2.95	56133.66	56123.64063	56127.18865	56120.84375	504978.2	5409184.5
L4980.0	504978.2	5409183.4	10348.50000	288.28	47.79	48.835607	-86.932162	56131.73	56247.1	2.94	56134.67	56124.53906	56128.11879	56121.81641	504978.2	5409183.4
L4980.0	504978.2	5409182.0	10348.59961	286.15	48.93	48.835594	-86.932162	56132.79	56247.1	2.93	56135.73	56125.49219	56129.07627	56122.82031	504978.2	5409182.0
L4980.0	504978.2	5409182.0	10348.70020	284.68	48.93	48.835594	-86.932162	56133.90	56247.1	2.93	56136.83	56126.48047	56130.05932	56123.84766	504978.2	5409182.0
L4980.0	504978.2	5409180.1	10348.79981	284.37	54.38	48.835577	-86.932162	56134.86	56247.1	2.92	56137.79	56127.33203	56130.99500	56124.82813	504978.2	5409180.1
L4980.0	504978.2	5409178.9	10348.90039	286.37	54.38	48.835566	-86.932162	56135.79	56247.1	2.92	56138.71	56128.14063	56131.93046	56125.80469	504978.2	5409178.9
L4980.0	504978.2	5409178.9	10349.00000	285.38	53.09	48.835566	-86.932162	56137.12	56247.1	2.91	56140.03	56129.35156	56133.04364	56126.95703	504978.2	5409178.9
L4980.0	504978.2	5409177.3	10349.09961	283.48	53.08	48.835551	-86.932162	56137.65	56247.1	2.91	56140.56	56129.76953	56133.87385	56127.82813	504978.2	5409177.3
L4980.0	504978.2	5409175.9	10349.20020	284.99	53.08	48.835539	-86.932162	56138.61	56247.1	2.92	56141.53	56130.63281	56134.89462	56128.88672	504978.2	5409175.9
L4980.0	504978.2	5409174.6	10349.20020	284.99	54.94	48.835527	-86.932162	56138.63	56247.1	2.92	56141.55	56130.54297	56135.55931	56129.58984	504978.2	5409174.6
L4980.0	504978.2	5409173.0	10349.40039	284.52	54.94	48.835513	-86.932162	56139.79	56247.1	2.93	56142.72	56131.60156	56136.68883	56130.75781	504978.2	5409173.0
L4980.0	504978.2	5409173.0	10349.50000	284.09	53.05	48.835513	-86.932162	56141.42	56247.1	2.93	56144.35	56133.12109	56138.01946	56132.12109	504978.2	5409173.0
L4980.0	504978.2	5409169.9	10349.59961	284.20	53.05	48.835485	-86.932162	56142.98	56247.1	2.93	56145.91	56134.57422	56139.34029	56133.47656	504978.2	5409169.9
L4980.0	504978.2	5409169.9	10349.70020	282.90	53.29	48.835485	-86.932162	56144.16	56247.1	2.94	56147.10	56135.65234	56140.52162	56134.69531	504978.2	5409169.9
L4980.0	504978.2	5409168.2	10349.79981	284.18	53.29	48.835470	-86.932162	56145.12	56247.1	2.94	56148.06	56136.50391	56141.47316	56135.67969	504978.2	5409168.2
L4980.0	504978.2	5409168.2	10349.90039	284.58	54.46	48.835470	-86.932162	56145.59	56247.1	2.95	56148.53	56136.86719	56142.82176	56137.05859	504978.2	5409168.2
L4980.0	504978.2	5409166.9	10350.00000	288.92	54.46	48.835458	-86.932161	56146.92	56247.1	2.95	56149.87	56138.09766	56143.90150	56138.16797	504978.2	5409166.9
L4980.0	504978.2	5409165.2	10350.09961	289.95	54.48	48.835443	-86.932161	56148.14	56247.1	2.95	56151.09	56139.21094	56145.03015	56139.32813	504978.2	5409165.2
L4980.0	504978.3	5409163.6	10350.20020	293.02	58.16	48.835428	-86.932161	56149.00	56247.1	2.94	56151.95	56139.96094	56146.25594	56140.58203	504978.3	5409163.6
L4980.0	504978.3	5409163.6	10350.29981	292.85	58.56	48.835428	-86.932161	56150.48	56247.1	2.94	56153.42	56141.32422	56147.33577	56141.69141	504978.3	5409163.6
L4980.0	504978.3	5409162.3	10350.40039	293.85	58.56	48.835416	-86.932161	56151.61	56247.1	2.94	56154.55	56142.34766	56148.49842	56142.88281	504978.3	5409162.3
L4980.0	504978.3	5409160.5	10350.50000	293.44	58.56	48.835400	-86.932160	56152.56	56247.1	2.93	56155.50	56143.18750	56149.69188	56144.10156	504978.3	5409160.5
L4980.0	504978.3	5409159.0	10350.59961	291.32	60.54	48.835387	-86.932160	56153.68	56247.1	2.93	56156.61	56144.19141	56150.84572	56145.28125	504978.3	5409159.0
L4980.0	504978.3	5409159.0	10350.70020	290.70	60.21	48.835387	-86.932160	56155.28	56247.1	2.93	56158.21	56145.68750	56151.91015	56146.37109	504978.3	5409159.0
L4980.0	504978.3	5409157.4	10350.79981	289.11	60.21	48.835372	-86.932160	56156.28	56247.1	2.93	56159.21	56146.58203	56153.06527	56147.55078	504978.3	5409157.4
L4980.0	504978.4	5409155.9	10350.90039	288.92	60.79	48.835359	-86.932160	56156.73	56247.1	2.92	56159.65	56146.91797	56154.28862	56148.80078	504978.4	5409155.9
L4980.0	504978.4	5409154.3	10351.00000	287.54	60.79	48.835344	-86.932159	56158.46	56247.1	2.92	56161.38	56148.54297	56155.30846	56149.84375	504978.4	5409154.3
L4980.0	504978.4	5409152.8	10351.09961	286.65	59.35	48.835331	-86.932159	56159.42	56247.1	2.92	56162.34	56149.39844	56156.42823	56150.98438	504978.4	5409152.8
L4980.0	504978.4	5409152.8	10351.20020	286.98	59.35	48.835331	-86.932159	56160.87	56247.1	2.92	56163.79	56150.74609	56157.46265	56152.04297	504978.4	5409152.8
L4980.0	504978.4	5409151.7	10351.20020	286.98	60.57	48.835321	-86.932159	56161.56	56247.1	2.92	56164.48	56151.33203	56158.59395	56153.19531	504978.4	5409151.7
L4980.0	504978.4	5409150.0	10351.29981	287.60	60.58	48.835306	-86.932159	56162.89	56247.1	2.92	56165.81	56152.56250	56159.61601	56154.23828	504978.4	5409150.0
L4980.0	504978.4	5409150.0	10351.50000	287.09	60.58	48.835306	-86.932159	56164.13	56247.1	2.93	56167.05	56153.69922	56160.64869	56155.29297	504978.4	5409150.0
L4980.0	504978.4	5409148.3	10351.59961	287.75	60.17	48.835291	-86.932159	56165.62	56247.1	2.93	56168.55	56155.10156	56161.63481	56156.29688	504978.4	5409148.3
L4980.0	504978.4	5409146.9	10351.70020	288.55	60.17	48.835278	-86.932159	56166.56	56247.1	2.93	56169.49	56155.94141	56162.73067	56157.41406	504978.4	5409146.9
L4980.0	504978.4	5409145.1	10351.79981	289.56	60.57	48.835262	-86.932159	56167.34	56247.1	2.93	56170.27	56156.62500	56163.87241	56158.57422	504978.4	5409145.1
L4980.0	504978.4	5409144.1	10351.90039	287.13	59.96	48.835253	-86.932159	56168.26	56247.1	2.93	56171.19	56157.44922	56165.00334	56159.72266	504978.4	5409144.1
L4980.0	504978.4	5409144.1	10352.00000	288.42	59.96	48.835253	-86.932159	56169.74	56247.1	2.93	56172.67	56158.83203	56166.03276	56160.77344	504978.4	5409144.1
L4980.0	504978.4	5409142.6	10352.09961	287.48	59.6	48.835240	-86.932159	56171.48	56247.1	2.92	56174.41	56160.48047	56167.01605	56161.77344	504978.4	5409142.6
L4980.0	504978.4	5409141.0	10352.20020	285.72	60.81	48.835225	-86.932159	56172.25	56247.1	2.92	56175.17	56161.14844	56168.21553	56162.99219	504978.4	5409141.0
L4980.0	504978.4	5409139.4	10352.29981	287.22	60.81	48.835210	-86.932159	56173.20	56247.1	2.91	56176.11	56161.99609	56169.38154	56164.17578	504978.4	5409139.4
L4980.0	504978.4	5409138.2	10352.40039	288.38	60.81	48.835199	-86.932159	56174.12	56247.1	2.90	56177.02	56162.81641	56170.55999	56165.37109	504978.4	5409138.2
L4980.0	504978.4	5409136.8	10352.50000	290.25	60.56	48.835187	-86.932159	56175.44	56247.1	2.90	56178.33	56164.03906	56171.65034	56166.48047	504978.4	5409136.8
L4980.0	504978.4	5409136.8	10352.59961	289.81	60.83	48.835187	-86.932159	56176.95	56247.1	2.89	56179.84	56165.46094	56172.69153	56167.53906	504978.4	5409136.8
L4980.0	504978.4	5409135.1	10352.70020	290.10	60.99	48.835172	-86.932159	56178.25	56247.1	2.88	56181.13	56166.66406	56173.78349	56168.64844	504978.4	5409135.1
L4980.0	504978.4	5409133.6	10352.79981	288.82	60.99	48.835158	-86.932159	56180.02	56247.1	2.87	56182.89	56168.33984	56174.74871	56169.62891	504978.4	5409133.6
L4980.0	504978.4	5409132.2	10352.90039	290.08	60.78	48.835145	-86.932159	56180.76	56247.1	2.87	56183.63	56169.00000	56175.99163	56170.89063	504978.4	5409132.2
L4980.0	504978.4	5409132.2	10353.00000	289.06	60.78	48.835145	-86.932159	56181.89	56247.1	2.86	56184.75	56170.03906	56177.13936	56172.05469	504978.4	5409132.2
L4980.0	504978.4	5409129.4	10353.09961	287.94	60.73	48.835121	-86.932159	56183.40	56247.1	2.86	56186.26	56171.47266	56178.17454	56173.10547	504978.4	5409129.4
L4980.0	504978.4	5409129.4	10353.20020	286.04	60.73	48.835121	-86.932159	56185.50	56247.1	2.86	56188.36	56173.49609	56179.01742	56173.96484	504978.4	5409129.4
L4980.0	504978.4	5409127.9	10353.20020	286.04	60.58	48.835107	-86.932159	56186.58	56247.1	2.86	56189.44	56174.50000	56180.36064	56175.32422	504978.4	5409127.9
L4980.0	504978.4	5409127.9	10353.40039	285.00	60.67	48.835107	-86.932159	56187.54	56247.1	2.86	56190.40	56175.38672	56181.31916	56176.30078	504978.4	5409127.9
L4980.0	504978.4	5409126.1	10353.50000	286.30	60.67	48.835091	-86.932159	56189.50	56247.1	2.86	56192.36	56177.27734	56182.71286	56177.71094	504978.4	5409126.1
L4980.0	504978.4	5409124.6	10353.59961	284.43	60.63	48.835078	-86.932159	56190.33	56247.1	2.86	56193.19	56178.03906	56183.64926	56178.66797	504978.4	5409124.6
L4980.0	504978.4	5409123.0	10353.70020	284.88	54.67	48.835063	-86.932159	56191.70	56247.1	2.86	56194.56	56179.34375	56184.83004	56179.86328	504978.4	5409123.0
L4980.0	504978.4	5409121.9	10353.79981	284.41	55.57	48.835053	-86.932159	56193.39	56247.1	2.86	56196.25	56180.96875	56186.16732	56181.21875	504978.4	5409121.9
L4980.0	504978.4	5409120.3	10353.90039	285.88	55.57	48.835039	-86.932159	56193.85	56247.1	2.86	56196.71	56181.37109	56187.01921	56182.08984	504978.4	5409120.3
L4980.0	504978.4	5409120.3	10354.00000	287.34	59.72	48.835039	-86.932159	56195.38	56247.1	2.86	56198.24	56182.83984	56188.33560	56183.42578	504978.4	5409120.3
L4980.0	504978.4	5409118.6	10354.09961	288.89	60.37	48.835024	-86.932159	56196.30	56247.1	2.86	56199.15	56183.69531	56189.41044	56184.51953	504978.4	5409118.6
L4980.0	504978.4	5409117.4	10354.20020	289.85	60.37	48.835013	-86.932160	56198.48	56247.1	2.86	56201.34	56185.83203	56191.03959	56186.16406	504978.4	5409117.4
L4980.0	504978.4	5409115.9	10354.29981	289.84	60.62	48.834999	-86.932160	56200.91	56247.1	2.85	56203.76	56188.19922	56191.90224	56187.04688	504978.4	5409115.9
L4980.0	504978.4	5409115.9	10354.40039	288.14	60.4	48.834999	-86.932160	56201.31	56247.1	2.85	56204.16	56188.55078	56193.52752	56188.69141	504978.4	5409115.9
L4980.0	504978.4	5409114.5	10354.50000	287.35	60.4	48.834987	-86.932160	56202.17	56247.2	2.85	56205.02	56189.36719	56194.99529	56190.17969	504978.4	5409114.5
L4980.0	504978.3	5409113.3	10354.59961	284.54	57.91	48.834976	-86.932160	56204.51	56247.2	2.85	56207.36	56191.66406	56196.01125	56191.21484	504978.3	5409113.3
L4980.0	504978.3	5409112.1	10354.70020	285.86	60.2	48.834965	-86.932160	56204.37	56247.2	2.85	56207.21	56191.47266	56197.75206	56192.97656	504978.3	5409112.1
L4980.0	504978.3	5409110.7	10354.79981	286.68	60.2	48.834952	-86.932161	56206.68	56247.2	2.84	56209.52	56193.74609	56198.76134	56194.00781	504978.3	5409110.7
L4980.0	504978.3	5409109.3	10354.90039	289.99	56.72	48.834940	-86.932161	56208.46	56247.2	2.84	56211.31	56195.50000	56199.89783	56195.16406	504978.3	5409109.3
L4980.0	504978.2	5409108.0	10355.00000	290.68	56.72	48.834928	-86.932162	56210.02	56247.2	2.84	56212.86	56197.01953	56201.06987	56196.35938	504978.2	5409108.0
L4980.0	504978.2	5409108.0	10355.09961	291.52	60.48	48.834928	-86.932162	56211.50	56247.2	2.84	56214.35	56198.48047	56202.21943	56197.52734	504978.2	5409108.0
L4980.0	504978.2	5409106.7	10355.20020	290.34	60.19	48.834916	-86.932162	56211.95	56247.2	2.85	56214.79	56198.89453	56203.63171	56198.96484	504978.2	5409106.7
L4980.0	504978.2	5409105.1	10355.20020	290.34	60.19	48.834902	-86.932163	56213.74	56247.2	2.85	56216.59	56200.67188	56204.61230	56199.96875	504978.2	5409105.1
L4980.0	504978.1	5409104.1	10355.40039	291.27	60.37	48.834893	-86.932163	56215.54	56247.1	2.86	56218.40	56202.46484	56205.54375	56200.92188	504978.1	5409104.1
L4980.0	504978.1	5409102.5	10355.50000	289.51	59.99	48.834878	-86.932164	56216.76	56247.1	2.86	56219.62	56203.66797	56206.92324	56202.32422	504978.1	5409102.5
L4980.0	504978.1	5409101.1	10355.59961	286.24	59.99	48.834866	-86.932164	56218.24	56247.1	2.86	56221.10	56205.13281	56207.97603	56203.40234	504978.1	5409101.1
L4980.0	504978.1	5409101.1	10355.70020	284.87	60.12	48.834866	-86.932164	56219.93	56247.1	2.87	56222.79	56206.81250	56209.10053	56204.55078	504978.1	5409101.1
L4980.0	504978.1	5409099.6	10355.79981	286.67	59.61	48.834853	-86.932164	56221.18	56247.1	2.87	56224.05	56208.06641	56210.03882	56205.51563	504978.1	5409099.6
L4980.0	504978.0	5409097.8	10355.90039	286.38	59.61	48.834836	-86.932165	56222.25	56247.1	2.88	56225.13	56209.14453	56210.90508	56206.40625	504978.0	5409097.8
L4980.0	504978.0	5409097.8	10356.00000	286.04	47.08	48.834836	-86.932165	56224.04	56247.1	2.88	56226.92	56210.93359	56212.05176	56207.57813	504978.0	5409097.8
L4980.0	504978.0	5409095.0	10356.09961	285.17	47.08	48.834811	-86.932165	56225.57	56247.1	2.88	56228.45	56212.46875	56213.10193	56208.65625	504978.0	5409095.0
L4980.0	504978.0	5409095.0	10356.20020	282.59	54.84	48.834811	-86.932165	56226.54	56247.1	2.88	56229.42	56213.44531	56213.95588	56209.53516	504978.0	5409095.0
L4980.0	504978.0	5409093.6	10356.29981	283.24	60.16	48.834798	-86.932165	56228.06	56247.1	2.88	56230.94	56214.97266	56215.03904	56210.64453	504978.0	5409093.6
L4980.0	504978.0	5409091.9	10356.40039	283.34	60.16	48.834783	-86.932165	56229.14	56247.1	2.88	56232.02	56216.06641	56215.99211	56211.62500	504978.0	5409091.9
L4980.0	504978.0	5409090.6	10356.50000	286.27	59.71	48.834771	-86.932165	56230.24	56247.1	2.88	56233.12	56217.18359	56216.99416	56212.65625	504978.0	5409090.6

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4980.0	504978.0	5409090.6	10356.59961	285.67	60	48.834771	-86.932165	56231.56	56247.1	2.88	56234.44	56218.52344	56218.12053	56213.81250	504978.0	5409090.6
L4980.0	504978.0	5409089.2	10356.70020	285.59	60	48.834759	-86.932165	56233.18	56247.1	2.88	56236.06	56220.16797	56219.40746	56215.12500	504978.0	5409089.2
L4980.0	504978.0	5409088.1	10356.79981	285.23	59.78	48.834749	-86.932165	56234.78	56247.1	2.88	56237.66	56221.79297	56220.74706	56216.49609	504978.0	5409088.1
L4980.0	504978.0	5409086.1	10356.90039	285.50	60.29	48.834731	-86.932165	56236.62	56247.1	2.88	56239.50	56223.66406	56222.23663	56218.01563	504978.0	5409086.1
L4980.0	504978.1	5409085.1	10357.00000	287.11	60.29	48.834722	-86.932164	56237.66	56247.1	2.88	56240.54	56224.73828	56223.47392	56219.28125	504978.1	5409085.1
L4980.0	504978.1	5409085.1	10357.09961	288.62	60.6	48.834722	-86.932164	56239.29	56247.1	2.88	56242.17	56226.40234	56224.98427	56220.82422	504978.1	5409085.1
L4980.0	504978.1	5409083.5	10357.20020	289.15	60.6	48.834708	-86.932164	56240.45	56247.1	2.88	56243.33	56227.60156	56226.34329	56222.21094	504978.1	5409083.5
L4980.0	504978.1	5409082.0	10357.20020	289.15	58.67	48.834694	-86.932164	56242.05	56247.1	2.88	56244.92	56229.23828	56227.90979	56223.80859	504978.1	5409082.0
L4980.0	504978.1	5409080.6	10357.40039	288.56	58.67	48.834682	-86.932164	56243.56	56247.1	2.88	56246.43	56230.79297	56228.24352	56224.17578	504978.1	5409080.6
L4980.0	504978.1	5409078.7	10357.50000	285.93	57.55	48.834665	-86.932164	56244.94	56247.1	2.88	56247.81	56232.22266	56229.67429	56225.63672	504978.1	5409078.7
L4980.0	504978.1	5409078.7	10357.59961	285.20	57.96	48.834665	-86.932164	56246.26	56247.1	2.87	56249.14	56233.60547	56231.10329	56227.09766	504978.1	5409078.7
L4980.0	504978.1	5409077.0	10357.70020	283.37	57.96	48.834650	-86.932164	56247.37	56247.1	2.87	56250.24	56234.76563	56232.55621	56228.58203	504978.1	5409077.0
L4980.0	504978.1	5409075.4	10357.79981	284.98	51.94	48.834635	-86.932164	56248.11	56247.1	2.87	56250.98	56235.56250	56234.02846	56230.08984	504978.1	5409075.4
L4980.0	504978.1	5409075.4	10357.90039	286.45	51.94	48.834635	-86.932164	56249.10	56247.1	2.87	56251.97	56236.61719	56235.38988	56231.48438	504978.1	5409075.4
L4980.0	504978.1	5409073.6	10358.00000	290.60	58.9	48.834618	-86.932164	56250.52	56247.1	2.87	56253.39	56238.10547	56236.63529	56232.76172	504978.1	5409073.6
L4980.0	504978.1	5409072.4	10358.09961	292.59	58.9	48.834608	-86.932164	56251.66	56247.1	2.87	56254.53	56239.31250	56237.86441	56234.02344	504978.1	5409072.4
L4980.0	504978.1	5409071.1	10358.20020	291.89	58.48	48.834596	-86.932164	56253.15	56247.1	2.87	56256.02	56240.87500	56238.98585	56235.17969	504978.1	5409071.1
L4980.0	504978.1	5409071.1	10358.29981	291.07	47.29	48.834596	-86.932164	56253.95	56247.1	2.88	56256.82	56241.75391	56240.08273	56236.30859	504978.1	5409071.1
L4980.0	504978.1	5409069.4	10358.40039	291.30	47.29	48.834581	-86.932164	56255.24	56247.1	2.88	56258.12	56243.13281	56241.03428	56237.29297	504978.1	5409069.4
L4980.0	504978.2	5409067.7	10358.50000	291.45	50.42	48.834565	-86.932163	56255.89	56247.1	2.88	56258.77	56243.86328	56241.91556	56238.21094	504978.2	5409067.7
L4980.0	504978.2	5409066.5	10358.59961	289.22	50.42	48.834555	-86.932163	56256.88	56247.1	2.88	56259.76	56244.93750	56242.65639	56238.98438	504978.2	5409066.5
L4980.0	504978.2	5409065.0	10358.70020	289.73	51.58	48.834541	-86.932163	56257.39	56247.1	2.88	56260.28	56245.54688	56243.31349	56239.67578	504978.2	5409065.0
L4980.0	504978.2	5409065.0	10358.79981	289.65	58.89	48.834541	-86.932163	56258.00	56247.1	2.89	56260.89	56246.24609	56243.85175	56240.24609	504978.2	5409065.0
L4980.0	504978.2	5409063.1	10358.90039	288.40	58.89	48.834524	-86.932163	56258.60	56247.1	2.89	56261.49	56246.94141	56244.28415	56240.71484	504978.2	5409063.1
L4980.0	504978.2	5409061.5	10359.00000	289.89	56.49	48.834509	-86.932164	56259.96	56247.1	2.89	56262.85	56248.39844	56244.52836	56240.99219	504978.2	5409061.5
L4980.0	504978.1	5409059.9	10359.09961	290.14	56.49	48.834495	-86.932164	56260.67	56247.1	2.89	56263.56	56249.20703	56244.73989	56241.23828	504978.1	5409059.9
L4980.0	504978.1	5409059.9	10359.20020	289.99	58.47	48.834495	-86.932164	56261.80	56247.1	2.89	56264.69	56250.44141	56244.79100	56241.32422	504978.1	5409059.9
L4980.0	504978.1	5409058.4	10359.20020	289.99	49.07	48.834482	-86.932164	56261.61	56247.1	2.89	56264.50	56250.35547	56244.99884	56241.56641	504978.1	5409058.4
L4980.0	504978.1	5409057.0	10359.40039	289.08	49.07	48.834469	-86.932164	56262.26	56247.1	2.89	56265.15	56251.11328	56245.00144	56241.60156	504978.1	5409057.0
L4980.0	504978.1	5409057.0	10359.50000	288.87	41.33	48.834469	-86.932164	56262.57	56247.1	2.89	56265.46	56251.53516	56245.03568	56241.67188	504978.1	5409057.0
L4980.0	504978.1	5409055.2	10359.59961	289.48	53.27	48.834453	-86.932164	56263.23	56247.1	2.89	56266.12	56252.30469	56244.94240	56241.61328	504978.1	5409055.2
L4980.0	504978.1	5409053.7	10359.70020	289.10	53.27	48.834439	-86.932164	56263.55	56247.1	2.89	56266.44	56252.74219	56244.91652	56241.62109	504978.1	5409053.7
L4980.0	504978.1	5409053.7	10359.79981	286.07	41.83	48.834439	-86.932164	56264.02	56247.1	2.89	56266.91	56253.32813	56246.31892	56243.05469	504978.1	5409053.7
L4980.0	504978.1	5409052.2	10359.90039	285.77	54.38	48.834426	-86.932164	56264.64	56247.1	2.89	56267.53	56254.06641	56246.37120	56243.14063	504978.1	5409052.2
L4980.0	504978.1	5409051.1	10360.00000	284.59	54.38	48.834416	-86.932164	56264.58	56247.1	2.89	56267.47	56254.12891	56246.15719	56242.96094	504978.1	5409051.1
L4980.0	504978.1	5409050.0	10360.09961	284.76	51.94	48.834406	-86.932164	56264.90	56247.1	2.89	56267.79	56254.57422	56246.11638	56242.95313	504978.1	5409050.0
L4980.0	504978.1	5409048.6	10360.20020	284.35	53.89	48.834393	-86.932164	56265.86	56247.1	2.90	56268.76	56255.67188	56246.34352	56243.21094	504978.1	5409048.6
L4980.0	504978.1	5409046.9	10360.29981	285.17	53.89	48.834378	-86.932164	56265.46	56247.1	2.90	56268.36	56255.39844	56246.06368	56242.96484	504978.1	5409046.9
L4980.0	504978.1	5409045.6	10360.40039	284.99	55.21	48.834366	-86.932164	56266.27	56247.1	2.90	56269.17	56256.33984	56246.25996	56243.19531	504978.1	5409045.6
L4980.0	504978.1	5409045.6	10360.50000	285.69	55.21	48.834366	-86.932164	56265.76	56247.1	2.90	56268.67	56255.96875	56245.98748	56242.95313	504978.1	5409045.6
L4980.0	504978.1	5409043.9	10360.59961	286.83	50.62	48.834351	-86.932164	56265.99	56247.1	2.91	56268.90	56256.33594	56246.00920	56243.00781	504978.1	5409043.9
L4980.0	504978.1	5409041.8	10360.70020	289.50	50.62	48.834332	-86.932164	56266.78	56247.1	2.91	56269.69	56257.26172	56246.26171	56243.28906	504978.1	5409041.8
L4980.0	504978.1	5409040.5	10360.79981	290.11	50.55	48.834320	-86.932164	56266.46	56247.1	2.91	56269.37	56257.07813	56246.15143	56243.21094	504978.1	5409040.5
L4980.0	504978.1	5409040.5	10360.90039	289.52	51.3	48.834320	-86.932164	56266.55	56247.1	2.92	56269.47	56257.31641	56246.22874	56243.31641	504978.1	5409040.5
L4980.0	504978.1	5409039.0	10361.00000	288.02	52.1	48.834308	-86.932164	56266.42	56247.1	2.92	56269.34	56257.32813	56246.26865	56243.38672	504978.1	5409039.0
L4980.0	504978.1	5409037.7	10361.09961	287.53	52.1	48.834295	-86.932164	56266.04	56247.1	2.92	56268.96	56257.08984	56246.26269	56243.41016	504978.1	5409037.7
L4980.0	504978.1	5409036.4	10361.20020	287.30	51.73	48.834284	-86.932164	56266.27	56247.1	2.92	56269.19	56257.46094	56246.50954	56243.68750	504978.1	5409036.4
L4980.0	504978.1	5409036.4	10361.20020	287.30	50.89	48.834284	-86.932164	56265.71	56247.1	2.92	56268.64	56257.05469	56246.49510	56243.70313	504978.1	5409036.4
L4980.0	504978.1	5409034.6	10361.40039	286.17	49.9	48.834267	-86.932164	56265.16	56247.1	2.93	56268.08	56256.64063	56246.48864	56243.72266	504978.1	5409034.6
L4980.0	504978.1	5409033.0	10361.50000	284.09	49.9	48.834253	-86.932164	56264.88	56247.1	2.93	56267.81	56256.51953	56246.58848	56243.85156	504978.1	5409033.0
L4980.0	504978.1	5409031.6	10361.59961	285.55	49.75	48.834241	-86.932164	56264.71	56247.1	2.93	56267.64	56256.49609	56246.71837	56244.00781	504978.1	5409031.6
L4980.0	504978.1	5409031.6	10361.70020	286.42	49.75	48.834241	-86.932164	56265.05	56247.1	2.93	56267.99	56256.99219	56247.04395	56244.35938	504978.1	5409031.6
L4980.0	504978.1	5409028.8	10361.79981	286.66	50.7	48.834216	-86.932164	56264.67	56247.1	2.94	56267.60	56256.75391	56247.06102	56244.40625	504978.1	5409028.8
L4980.0	504978.1	5409028.8	10361.90039	285.57	47.74	48.834216	-86.932164	56264.25	56247.1	2.94	56267.19	56256.49219	56247.04516	56244.41406	504978.1	5409028.8
L4980.0	504978.1	5409027.5	10362.00000	284.92	49.15	48.834204	-86.932164	56263.92	56247.1	2.94	56266.86	56256.31641	56247.03653	56244.42969	504978.1	5409027.5
L4980.0	504978.1	5409026.1	10362.09961	286.78	49.46	48.834191	-86.932164	56263.65	56247.1	2.94	56266.59	56256.19531	56247.02750	56244.44531	504978.1	5409026.1
L4980.0	504978.1	5409024.9	10362.20020	285.76	49.46	48.834181	-86.932164	56263.21	56247.1	2.94	56266.15	56255.90625	56245.70118	56243.14453	504978.1	5409024.9
L4980.0	504978.1	5409023.0	10362.29981	289.52	51.33	48.834163	-86.932164	56262.29	56247.1	2.94	56265.24	56255.15234	56245.76916	56243.23438	504978.1	5409023.0
L4980.0	504978.1	5409021.6	10362.40039	288.12	51.33	48.834151	-86.932164	56262.56	56247.1	2.94	56265.51	56255.57422	56245.41754	56242.90625	504978.1	5409021.6
L4980.0	504978.1	5409021.6	10362.50000	288.14	50.94	48.834151	-86.932164	56262.37	56247.1	2.94	56265.32	56255.53516	56245.17085	56242.68359	504978.1	5409021.6
L4980.0	504978.2	5409020.2	10362.59961	289.52	50.94	48.834138	-86.932164	56261.71	56247.1	2.95	56264.65	56255.01953	56245.01808	56242.55078	504978.2	5409020.2
L4980.0	504978.2	5409018.8	10362.70020	289.57	50.9	48.834125	-86.932164	56260.96	56247.1	2.95	56263.90	56254.42188	56244.83485	56242.39063	504978.2	5409018.8
L4980.0	504978.2	5409018.8	10362.79981	288.75	50.9	48.834125	-86.932164	56260.02	56247.1	2.95	56262.97	56253.64453	56244.64998	56242.22266	504978.2	5409018.8
L4980.0	504978.2	5409016.9	10362.90039	289.08	51.29	48.834109	-86.932164	56259.74	56247.1	2.95	56262.69	56253.51953	56244.23788	56241.83203	504978.2	5409016.9
L4980.0	504978.2	5409015.5	10363.00000	291.18	51.29	48.834096	-86.932164	56259.36	56247.1	2.95	56262.31	56253.29297	56243.80344	56241.41797	504978.2	5409015.5
L4980.0	504978.1	5409014.2	10363.09961	288.86	50.04	48.834084	-86.932164	56258.46	56247.1	2.95	56261.41	56252.54688	56243.45422	56241.08594	504978.1	5409014.2
L4980.0	504978.1	5409014.2	10363.20020	288.07	50.32	48.834084	-86.932164	56257.64	56247.1	2.95	56260.59	56251.87891	56243.03184	56240.67969	504978.1	5409014.2
L4980.0	504978.1	5409012.5	10363.20020	288.07	50.32	48.834069	-86.932164	56257.67	56247.1	2.95	56260.62	56252.06250	56242.33626	56240.00391	504978.1	5409012.5
L4980.0	504978.1	5409011.4	10363.40039	287.15	50.32	48.834059	-86.932164	56256.47	56247.1	2.95	56259.42	56251.01172	56241.91068	56239.59375	504978.1	5409011.4
L4980.0	504978.1	5409009.8	10363.50000	286.72	49.04	48.834045	-86.932164	56255.56	56247.1	2.95	56258.51	56250.25391	56241.36212	56239.06250	504978.1	5409009.8
L4980.0	504978.1	5409008.8	10363.59961	287.62	49.32	48.834035	-86.932165	56255.40	56247.1	2.95	56258.35	56250.24609	56240.56839	56238.28516	504978.1	5409008.8
L4980.0	504978.1	5409007.4	10363.70020	287.64	49.32	48.834023	-86.932165	56254.15	56247.1	2.95	56257.10	56249.14453	56240.04770	56237.77734	504978.1	5409007.4
L4980.0	504978.1	5409007.4	10363.79981	287.35	50.25	48.834023	-86.932165	56253.85	56247.1	2.95	56256.80	56248.99609	56239.23393	56236.97656	504978.1	5409007.4
L4980.0	504978.1	5409005.7	10363.90039	288.76	50.8	48.834007	-86.932165	56253.00	56247.1	2.95	56255.95	56248.29688	56238.56544	56236.32422	504978.1	5409005.7
L4980.0	504978.1	5409004.1	10364.00000	288.70	50.8	48.833993	-86.932165	56252.11	56247.1	2.95	56255.06	56247.55469	56237.90560	56235.67578	504978.1	5409004.1
L4980.0	504978.1	5409002.5	10364.09961	288.84	50.24	48.833979	-86.932165	56251.42	56247	2.96	56254.37	56247.01172	56237.18834	56234.97266	504978.1	5409002.5
L4980.0	504978.1	5409002.5	10364.20020	287.20	50.24	48.833979	-86.932165	56250.71	56247	2.96	56253.67	56246.45703	56236.48200	56234.27734	504978.1	5409002.5
L4980.0	504978.1	5409000.8	10364.29981	286.19	51.72	48.833964	-86.932166	56250.12	56247	2.97	56253.08	56246.01172	56235.75182	56233.55859	504978.1	5409000.8
L4980.0	504978.1	5409000.8	10364.40039	283.88	51.72	48.833964	-86.932166	56249.08	56247	2.97	56252.05	56245.12500	56235.18176	56232.99609	504978.1	5409000.8
L4980.0	504978.0	5408999.2	10364.50000	282.89	50.9	48.833949	-86.932166	56248.02	56247	2.98	56251.00	56244.21875	56234.63202	56232.45703	504978.0	5408999.2
L4980.0	504978.0	5408997.7	10364.59961	285.16	49.9	48.833936	-86.932166	56247.44	56247	2.99	56250.43	56243.78906	56233.94504	56231.78125	504978.0	5408997.7
L4980.0	504978.0	5408996.1	10364.70020	283.85	49.9	48.833922	-86.932166	56246.59	56247	2.99	56249.59	56243.08984	56233.35948	56231.20313	504978.0	5408996.1
L4980.0	504978.0	5408994.5	10364.79981	285.95	50.41	48.833907	-86.932166	56245.24	56247	3.00	56248.24	56241.87891	56232.93477	56230.78516	504978.0	5408994.5
L4980.0	504978.0	5408993.1	10364.90039	286.36	50.41	48.833895	-86.932166	56244.79	56247	3.00	56247.79	56241.56641	56232.25518	56230.11328	504978.0	5408993.1
L4980.0	504978.0	5408993.1	10365.00000	289.62	51.15	48.833895	-86.932166	56243.76	56247	3.01	56246.77	56240.68359	56231.73659	56229.60547	504978.0	5408993.1
L4980.0	504978.0	5408991.6	10365.09961	290.74	51.15	48.833881	-86.932167	56242.74	56247	3.01	56245.75	56239.79688	56231.20648	56229.08203	504978.0	5408991.6
L4980.0	504978.0	5408989.8	10365.20020	289.10	51.14	48.833865	-86.932167	56242.14	56247	3.01	56245.15	56239.33203	56230.56158	56228.44141	504978.0	5408989.8
L4980.0	504978.0	5408989.8	10365.20020	289.10	51.14	48.833865	-86.932167	56241.41	56247	3.01	56244.42	56238.73047	56229.93201	56227.81641	504978.0	5408989.8
L4980.0	504978.0	5408988.8	10365.40039	287.14	50.71	48.833855	-86.932167	56239.84	56247	3.01	56242.85	56237.29297	56229.44598	56227.33594	504978.0	5408988.8
L4980.0	504978.0	5408987.1	10365.50000	288.00	50.61	48.833840	-86.932166	56238.92	56247	3.01	56241.93	56236.50000	56228.78954	56226.68750	504978.0	5408987.1
L4980.0	504978.0	5408985.6	10365.59961	288.32	50.61	48.833827	-86.932166	56238.38	56247	3.01	56241.39	56236.08594	56228.02870	56225.92969	504978.0	5408985.6
L4980.0	504978.0	5408984.0	10365.70020	288.79	52.87	48.833812	-86.932166	56236.88	56247	3.01	56239.89	56234.71094	56227.39597	56225.30078	504978.0	5408984.0
L4980.0	504978.0	5408982.5	10365.79981	288.71	52.08	48.833799	-86.932166	56235.64	56247	3.01	56238.65	56233.59375	56226.68090	56224.58984	504978.0	5408982.5

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4980.0	504978.0	5408982.5	10365.90039	290.72	52.08	48.833799	-86.932166	56234.91	56247	3.01	56237.92	56232.98828	56225.86176	56223.77344	504978.0	5408982.5
L4980.0	504978.0	5408981.1	10366.00000	289.66	52.44	48.833787	-86.932166	56234.22	56247	3.01	56237.23	56232.41797	56225.02409	56222.94141	504978.0	5408981.1
L4980.0	504978.0	5408979.2	10366.09961	290.45	52.44	48.833769	-86.932166	56233.33	56247	3.01	56236.34	56231.64453	56224.20831	56222.12891	504978.0	5408979.2
L4980.0	504978.0	5408979.2	10366.20020	290.51	53.16	48.833769	-86.932166	56232.38	56247	3.01	56235.39	56230.80859	56223.40189	56221.32422	504978.0	5408979.2
L4980.0	504978.0	5408977.7	10366.29981	290.47	54.41	48.833756	-86.932167	56231.39	56247	3.01	56234.40	56229.93359	56222.60490	56220.52734	504978.0	5408977.7
L4980.0	504978.0	5408976.3	10366.40039	289.83	54.41	48.833743	-86.932167	56230.19	56247	3.01	56233.21	56228.85547	56221.84237	56219.76953	504978.0	5408976.3
L4980.0	504978.0	5408976.3	10366.50000	289.68	57.02	48.833743	-86.932167	56229.04	56247	3.01	56232.05	56227.80469	56221.07993	56219.00781	504978.0	5408976.3
L4980.0	504978.0	5408974.4	10366.59961	290.16	51.86	48.833726	-86.932167	56227.76	56247	3.02	56230.78	56226.64453	56220.33198	56218.26172	504978.0	5408974.4
L4980.0	504978.0	5408972.7	10366.70020	287.77	51.86	48.833711	-86.932167	56227.50	56247	3.02	56230.52	56226.48828	56219.47977	56217.41016	504978.0	5408972.7
L4980.0	504978.0	5408971.5	10366.79981	287.59	52.49	48.833700	-86.932167	56226.88	56247	3.02	56229.90	56225.97266	56218.67028	56216.60156	504978.0	5408971.5
L4980.0	504978.0	5408969.9	10366.90039	286.29	52.49	48.833686	-86.932167	56225.16	56247	3.02	56228.18	56224.35547	56217.93404	56215.86719	504978.0	5408969.9
L4980.0	504978.0	5408969.9	10367.00000	287.87	52.76	48.833686	-86.932167	56224.39	56247	3.02	56227.41	56223.68359	56217.09373	56215.03125	504978.0	5408969.9
L4980.0	504978.0	5408968.6	10367.09961	286.31	52.93	48.833674	-86.932167	56223.20	56247	3.02	56226.22	56222.59375	56216.25046	56214.18750	504978.0	5408968.6
L4980.0	504978.0	5408967.0	10367.20020	286.46	52.93	48.833660	-86.932167	56222.40	56247	3.02	56225.43	56221.89844	56215.34747	56213.28516	504978.0	5408967.0
L4980.0	504978.0	5408965.9	10367.20020	286.46	54.79	48.833650	-86.932167	56220.69	56247	3.02	56223.71	56220.26953	56214.45806	56212.39844	504978.0	5408965.9
L4980.0	504978.0	5408964.4	10367.40039	289.82	52.66	48.833636	-86.932167	56219.42	56247	3.03	56222.45	56219.10156	56213.50911	56211.44922	504978.0	5408964.4
L4980.0	504978.0	5408963.1	10367.50000	291.36	52.66	48.833624	-86.932167	56218.90	56247	3.03	56221.93	56218.67188	56212.48191	56210.42578	504978.0	5408963.1
L4980.0	504978.0	5408963.1	10367.59961	290.98	55.08	48.833624	-86.932167	56218.48	56247	3.03	56221.51	56218.33984	56211.40914	56209.35547	504978.0	5408963.1
L4980.0	504978.0	5408961.5	10367.70020	292.58	55.55	48.833610	-86.932167	56217.81	56247	3.03	56220.84	56217.75391	56210.32136	56208.26953	504978.0	5408961.5
L4980.0	504978.0	5408960.2	10367.79981	292.64	55.55	48.833598	-86.932167	56215.77	56247	3.04	56218.81	56215.80859	56209.34837	56207.29688	504978.0	5408960.2
L4980.0	504977.9	5408958.9	10367.90039	293.78	54.58	48.833587	-86.932167	56215.10	56247	3.04	56218.14	56215.21875	56208.22758	56206.17969	504977.9	5408958.9
L4980.0	504977.9	5408957.2	10368.00000	292.16	54.58	48.833572	-86.932168	56213.68	56247	3.04	56216.72	56213.87891	56207.18682	56205.14063	504977.9	5408957.2
L4980.0	504977.9	5408955.8	10368.09961	291.54	54.55	48.833559	-86.932168	56212.80	56247	3.04	56215.85	56213.08594	56206.06769	56204.02344	504977.9	5408955.8
L4980.0	504977.9	5408955.8	10368.20020	290.99	54.55	48.833559	-86.932168	56211.94	56247	3.05	56214.99	56212.30078	56204.93122	56202.89063	504977.9	5408955.8
L4980.0	504977.9	5408954.4	10368.29981	289.98	54.75	48.833546	-86.932168	56210.01	56246.9	3.05	56213.06	56210.44531	56203.97376	56201.93750	504977.9	5408954.4
L4980.0	504977.9	5408952.7	10368.40039	287.79	55.9	48.833531	-86.932168	56208.60	56246.9	3.06	56211.65	56209.10547	56202.92954	56200.89453	504977.9	5408952.7
L4980.0	504977.9	5408951.2	10368.50000	284.83	55.9	48.833517	-86.932168	56208.39	56246.9	3.06	56211.45	56208.97266	56201.60923	56199.57813	504977.9	5408951.2
L4980.0	504977.9	5408951.2	10368.59961	285.82	56.26	48.833517	-86.932168	56207.52	56246.9	3.06	56210.58	56208.17188	56200.39547	56198.37109	504977.9	5408951.2
L4980.0	504977.9	5408949.5	10368.70020	284.87	56.26	48.833502	-86.932168	56206.25	56246.9	3.07	56209.31	56206.96875	56199.26015	56197.23828	504977.9	5408949.5
L4980.0	504977.9	5408948.0	10368.79981	285.59	54.83	48.833489	-86.932169	56205.41	56246.9	3.07	56208.48	56206.19922	56197.98240	56195.96484	504977.9	5408948.0
L4980.0	504977.9	5408948.0	10368.90039	284.34	55.62	48.833489	-86.932169	56204.21	56246.9	3.08	56207.29	56205.07031	56197.19166	56195.18359	504977.9	5408948.0
L4980.0	504977.8	5408946.3	10369.00000	285.05	55.62	48.833474	-86.932169	56202.88	56246.9	3.08	56205.96	56203.80078	56195.90302	56193.89844	504977.8	5408946.3
L4980.0	504977.8	5408943.9	10369.09961	285.76	57.57	48.833452	-86.932170	56201.75	56246.9	3.08	56204.83	56202.73047	56194.72658	56192.73047	504977.8	5408943.9
L4980.0	504977.8	5408943.9	10369.20020	287.55	59.32	48.833452	-86.932170	56200.91	56246.9	3.09	56204.00	56201.95703	56193.70757	56191.71875	504977.8	5408943.9
L4980.0	504977.8	5408942.4	10369.20020	287.55	59.32	48.833438	-86.932170	56200.08	56246.9	3.09	56203.17	56201.17969	56192.73117	56190.75000	504977.8	5408942.4
L4980.0	504977.7	5408940.9	10369.29981	289.00	57.97	48.833425	-86.932171	56198.96	56246.9	3.09	56202.05	56200.11328	56191.69564	56189.72266	504977.7	5408940.9
L4980.0	504977.7	5408939.6	10369.40039	286.62	57.97	48.833413	-86.932171	56196.96	56246.9	3.09	56200.05	56198.16406	56190.37839	56188.41406	504977.7	5408939.6
L4980.0	504977.7	5408938.4	10369.50000	288.08	57.64	48.833402	-86.932171	56196.32	56246.9	3.10	56199.42	56197.58203	56189.63087	56187.67578	504977.7	5408938.4
L4980.0	504977.7	5408938.4	10369.59961	287.60	54.78	48.833402	-86.932171	56195.47	56246.9	3.10	56198.57	56196.77734	56188.84101	56186.89844	504977.7	5408938.4
L4980.0	504977.7	5408936.6	10369.70020	287.19	54.78	48.833386	-86.932171	56194.36	56246.9	3.10	56197.46	56195.71484	56187.98232	56186.05078	504977.7	5408936.6
L4980.0	504977.7	5408935.5	10369.79981	285.45	54.78	48.833376	-86.932171	56192.56	56246.9	3.10	56195.66	56193.96094	56186.85892	56184.93750	504977.7	5408935.5
L4980.0	504977.7	5408933.8	10369.90039	283.42	55.88	48.833361	-86.932171	56192.34	56246.9	3.11	56195.44	56193.78125	56186.38756	56184.48047	504977.7	5408933.8
L4980.0	504977.7	5408932.4	10370.00000	284.81	56.14	48.833348	-86.932171	56190.57	56246.9	3.11	56193.68	56192.06250	56185.22270	56183.32813	504977.7	5408932.4
L4980.0	504977.7	5408932.4	10370.20020	285.36	56.14	48.833348	-86.932171	56189.39	56246.9	3.11	56192.50	56190.92188	56184.38695	56182.50391	504977.7	5408932.4
L4980.0	504977.7	5408930.9	10370.20020	287.37	57.71	48.833335	-86.932171	56188.12	56246.9	3.11	56191.23	56189.69141	56183.55920	56181.69141	504977.7	5408930.9
L4980.0	504977.7	5408929.2	10370.29981	278.98	58.23	48.833319	-86.932171	56187.24	56246.9	3.11	56190.36	56188.85938	56182.60278	56180.75391	504977.7	5408929.2
L4980.0	504977.7	5408927.7	10370.50000	287.86	58.23	48.833306	-86.932171	56186.67	56246.9	3.12	56189.79	56188.32422	56181.56496	56179.73047	504977.7	5408927.7
L4980.0	504977.7	5408927.7	10370.59961	288.09	58.73	48.833306	-86.932171	56185.07	56246.9	3.12	56188.18	56186.75000	56180.77709	56178.96094	504977.7	5408927.7
L4980.0	504977.7	5408926.2	10370.70020	290.82	60.21	48.833293	-86.932171	56184.02	56246.9	3.12	56187.13	56185.73047	56179.84018	56178.04297	504977.7	5408926.2
L4980.0	504977.7	5408924.8	10370.79981	291.09	60.21	48.833280	-86.932171	56182.67	56246.9	3.12	56185.79	56184.42578	56178.96217	56177.18359	504977.7	5408924.8
L4980.0	504977.7	5408923.5	10370.90039	293.08	61.35	48.833268	-86.932171	56181.70	56246.9	3.12	56184.82	56183.48438	56178.00672	56176.24609	504977.7	5408923.5
L4980.0	504977.7	5408923.5	10371.00000	290.48	61.31	48.833268	-86.932171	56181.18	56246.9	3.12	56184.30	56182.99609	56176.97706	56175.23828	504977.7	5408923.5
L4980.0	504977.8	5408921.9	10371.09961	290.05	61.31	48.833254	-86.932171	56179.78	56246.9	3.13	56182.91	56181.63281	56176.11094	56174.39453	504977.8	5408921.9
L4980.0	504977.8	5408920.7	10371.20020	289.55	61.09	48.833243	-86.932170	56178.36	56246.9	3.14	56181.50	56180.25000	56175.23393	56173.53906	504977.8	5408920.7
L4980.0	504977.8	5408919.3	10371.20020	289.55	61.74	48.833230	-86.932170	56177.13	56246.9	3.14	56180.26	56179.03516	56174.31374	56172.64063	504977.8	5408919.3
L4980.0	504977.8	5408918.3	10371.29981	291.19	61.74	48.833221	-86.932170	56176.38	56246.9	3.14	56179.52	56178.32422	56173.30868	56171.66016	504977.8	5408918.3
L4980.0	504977.8	5408918.3	10371.50000	287.06	56.64	48.833221	-86.932170	56175.30	56246.8	3.16	56178.46	56177.28906	56172.32292	56170.69922	504977.8	5408918.3
L4980.0	504977.8	5408916.4	10371.59961	285.22	58.71	48.833204	-86.932170	56174.38	56246.8	3.17	56177.54	56176.39063	56171.29371	56169.69922	504977.8	5408916.4
L4980.0	504977.8	5408914.8	10371.70020	286.62	58.71	48.833190	-86.932169	56173.47	56246.8	3.18	56176.64	56175.51563	56170.23028	56168.66016	504977.8	5408914.8
L4980.0	504977.9	5408913.7	10371.79981	286.31	60.42	48.833180	-86.932169	56171.92	56246.8	3.18	56175.10	56173.99609	56169.21988	56167.67969	504977.9	5408913.7
L4980.0	504977.9	5408912.3	10371.90039	285.91	55.31	48.833167	-86.932169	56170.70	56246.8	3.19	56173.89	56172.80859	56168.14990	56166.63672	504977.9	5408912.3
L4980.0	504977.9	5408910.7	10372.00000	288.06	55.31	48.833153	-86.932169	56169.34	56246.8	3.20	56172.54	56171.48047	56167.09390	56165.61328	504977.9	5408910.7
L4980.0	504977.9	5408909.3	10372.09961	289.26	56.82	48.833140	-86.932168	56168.30	56246.8	3.20	56171.50	56170.46094	56165.98350	56164.53125	504977.9	5408909.3
L4980.0	504977.9	5408909.3	10372.20020	291.66	56.82	48.833140	-86.932168	56168.05	56246.8	3.20	56171.25	56170.23047	56164.70339	56163.28516	504977.9	5408909.3
L4980.0	504978.0	5408907.3	10372.29981	292.50	61.05	48.833122	-86.932168	56166.88	56246.8	3.20	56170.08	56169.07813	56163.60002	56162.21094	504978.0	5408907.3
L4980.0	504978.0	5408907.3	10372.40039	293.49	62.48	48.833122	-86.932168	56165.88	56246.8	3.20	56169.08	56168.09766	56162.46012	56161.10547	504978.0	5408907.3
L4980.0	504978.0	5408905.7	10372.50000	291.65	59.52	48.833108	-86.932168	56164.72	56246.8	3.21	56167.92	56166.95703	56161.36536	56160.04688	504978.0	5408905.7
L4980.0	504978.0	5408904.2	10372.59961	290.06	59.52	48.833094	-86.932167	56163.92	56246.8	3.21	56167.12	56166.17578	56160.16873	56158.88281	504978.0	5408904.2
L4980.0	504978.0	5408902.4	10372.70020	289.05	57.49	48.833078	-86.932167	56162.94	56246.8	3.21	56166.14	56165.21094	56159.01804	56157.76953	504978.0	5408902.4
L4980.0	504978.0	5408902.4	10372.79981	285.62	58.33	48.833078	-86.932167	56162.01	56246.8	3.21	56165.22	56164.30859	56158.43288	56157.21875	504978.0	5408902.4
L4980.0	504978.1	5408899.9	10372.90039	286.50	58.33	48.833056	-86.932167	56160.39	56246.8	3.21	56163.60	56162.70703	56157.08837	56155.91406	504978.1	5408899.9
L4980.0	504978.1	5408899.9	10373.00000	284.32	59.98	48.833056	-86.932167	56159.29	56246.8	3.21	56162.50	56161.62109	56155.96699	56154.83203	504978.1	5408899.9
L4980.0	504978.1	5408898.2	10373.09961	284.39	59.98	48.833041	-86.932166	56158.36	56246.8	3.21	56161.56	56160.69922	56154.90870	56153.81250	504978.1	5408898.2
L4980.0	504978.1	5408897.0	10373.20020	285.31	60.67	48.833030	-86.932166	56156.83	56246.8	3.21	56160.03	56159.18359	56153.61081	56152.55469	504978.1	5408897.0
L4980.0	504978.1	5408895.6	10373.20020	285.31	60.67	48.833017	-86.932166	56156.31	56246.8	3.21	56159.51	56158.68359	56152.71251	56151.69531	504978.1	5408895.6
L4980.0	504978.1	5408895.6	10373.40039	286.14	58.89	48.833017	-86.932166	56155.07	56246.8	3.20	56158.28	56157.46875	56151.53256	56150.55859	504978.1	5408895.6
L4980.0	504978.1	5408894.0	10373.50000	285.34	61.41	48.833003	-86.932166	56154.19	56246.8	3.20	56157.39	56156.59375	56150.48224	56149.54688	504978.1	5408894.0
L4980.0	504978.2	5408892.7	10373.59961	286.69	61.41	48.832991	-86.932165	56152.99	56246.8	3.20	56156.19	56155.41016	56149.31629	56148.42578	504978.2	5408892.7
L4980.0	504978.2	5408891.2	10373.70020	285.61	61.96	48.832978	-86.932165	56151.71	56246.8	3.20	56154.90	56154.13672	56148.12320	56147.27734	504978.2	5408891.2
L4980.0	504978.2	5408890.1	10373.79981	287.41	57.42	48.832968	-86.932165	56150.79	56246.8	3.19	56153.99	56153.24219	56147.07514	56146.26953	504978.2	5408890.1
L4980.0	504978.2	5408890.1	10373.90039	286.09	57.42	48.832968	-86.932165	56150.15	56246.8	3.19	56153.34	56152.60938	56146.12842	56145.37109	504978.2	5408890.1
L4980.0	504978.2	5408888.3	10374.00000	287.34	56.64	48.832951	-86.932165	56148.57	56246.8	3.19	56151.76	56151.04297	56144.86325	56144.14844	504978.2	5408888.3
L4980.0	504978.2	5408886.5	10374.09961	286.12	58.87	48.832936	-86.932165	56146.92	56246.8	3.20	56150.12	56149.42188	56143.58952	56142.92188	504978.2	5408886.5
L4980.0	504978.2	5408885.1	10374.20020	287.79	58.7	48.832922	-86.932164	56145.96	56246.8	3.21	56149.17	56148.48828	56142.56780	56141.94531	504978.2	5408885.1
L4980.0	504978.2	5408883.7	10374.29981	288.68	58.7	48.832910	-86.932164	56145.29	56246.8	3.22	56148.51	56147.84375	56141.65623	56141.07813	504978.2	5408883.7
L4980.0	504978.2	5408883.7	10374.40039	288.50	59.37	48.832910	-86.932164	56143.94	56246.8	3.23	56147.16	56146.51172	56140.50295	56139.97266	504978.2	5408883.7
L4980.0	504978.3	5408882.0	10374.50000	288.14	57.84	48.832895	-86.932164	56142.91	56246.8	3.24	56146.14	56145.50781	56139.46801	56138.98438	504978.3	5408882.0
L4980.0	504978.3	5408880.8	10374.59961	285.76	57.84	48.832884	-86.932164	56141.68	56246.8	3.24	56144.92	56144.30469	56138.36140	56137.92578	504978.3	5408880.8
L4980.0	504978.3	5408879.2	10374.70020	285.81	57.73	48.832870	-86.932164	56140.77	56246.7	3.25	56144.03	56143.43359	56137.37707	56136.99219	504978.3	5408879.2
L4980.0	504978.2	5408878.2	10374.79981	284.34	57.73	48.832861	-86.932164	56138.96	56246.7	3.26	56142.23	56141.65234	56136.05228	56135.71484	504978.2	5408878.2
L4980.0	504978.2	5408876.8	10374.90039	282.86	58.43	48.832849	-86.932164	56137.49	56246.7	3.27	56140.76	56140.19922	56134.84409	56134.55469	504978.2	5408876.8
L4980.0	504978.2	5408876.8	10375.00000	283.94	56.72	48.832849	-86.932164	56136.88	56246.7	3.28	56140.16	56139.61719	56133.96964	56133.72656	504978.2	5408876.8
L4980.0	504978.2	5408875.4	10375.09961	285.59	56.86	48.832835	-86.932165	56136.05	56246.7	3.28	56139.33	56138.80859	56133.01004	56132.81641	504978.2	5408875.4

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4980.0	504978.2	5408874.0	10375.20020	287.13	56.37	48.832823	-86.932165	56134.99	56246.7	3.28	56138.27	56137.76563	56131.95995	56131.81641	504978.2	5408874.0
L4980.0	504978.2	5408873.0	10375.20020	287.13	56.37	48.832814	-86.932165	56133.24	56246.7	3.28	56136.52	56136.03516	56130.62281	56130.52734	504978.2	5408873.0
L4980.0	504978.2	5408871.4	10375.40039	287.51	54.11	48.832799	-86.932165	56131.98	56246.7	3.28	56135.25	56134.78516	56129.47332	56129.42578	504978.2	5408871.4
L4980.0	504978.2	5408870.4	10375.50000	286.53	49.81	48.832791	-86.932165	56130.01	56246.7	3.28	56133.29	56132.84766	56127.26543	56127.26563	504978.2	5408870.4
L4980.0	504978.2	5408869.2	10375.59961	286.68	51.64	48.832780	-86.932165	56128.56	56246.7	3.27	56131.84	56131.41797	56126.02549	56126.07422	504978.2	5408869.2
L4980.0	504978.2	5408868.2	10375.70020	287.02	51.64	48.832771	-86.932165	56127.52	56246.7	3.27	56130.80	56130.39844	56124.62840	56124.72656	504978.2	5408868.2
L4980.0	504978.2	5408866.5	10375.79981	287.46	53.36	48.832756	-86.932166	56125.93	56246.7	3.27	56129.21	56128.82813	56123.35599	56123.50391	504978.2	5408866.5
L4980.0	504978.1	5408865.4	10375.90039	288.35	53.36	48.832745	-86.932166	56124.46	56246.7	3.27	56127.73	56127.37109	56122.00882	56122.20313	504978.1	5408865.4
L4980.0	504978.1	5408863.9	10376.00000	290.32	55.68	48.832733	-86.932167	56121.71	56246.7	3.27	56124.98	56124.64453	56120.94139	56121.18359	504978.1	5408863.9
L4980.0	504978.1	5408863.9	10376.09961	291.36	55.42	48.832733	-86.932167	56121.04	56246.7	3.27	56124.31	56123.99609	56119.30137	56119.58984	504978.1	5408863.9
L4980.0	504978.1	5408862.6	10376.20020	288.87	55.67	48.832720	-86.932167	56120.60	56246.7	3.27	56123.87	56123.57813	56117.56854	56117.90625	504978.1	5408862.6
L4980.0	504978.0	5408861.1	10376.29981	290.03	57.71	48.832707	-86.932168	56118.55	56246.7	3.27	56121.82	56121.55078	56116.18359	56116.56641	504978.0	5408861.1
L4980.0	504978.0	5408859.7	10376.40039	290.54	57.71	48.832694	-86.932168	56115.98	56246.7	3.27	56119.25	56119.00781	56114.88438	56115.31250	504978.0	5408859.7
L4980.0	504978.0	5408858.2	10376.50000	290.12	47.95	48.832681	-86.932169	56114.91	56246.7	3.26	56118.17	56117.94922	56113.16868	56113.64453	504978.0	5408858.2
L4980.0	504978.0	5408858.2	10376.59961	288.87	52.72	48.832681	-86.932169	56113.06	56246.7	3.26	56116.32	56116.12500	56111.61002	56112.12891	504978.0	5408858.2
L4980.0	504977.9	5408856.8	10376.70020	289.02	56.26	48.832669	-86.932169	56110.08	56246.7	3.26	56113.34	56113.16797	56110.34633	56110.91016	504977.9	5408856.8
L4980.0	504977.9	5408854.2	10376.79981	289.28	56.92	48.832645	-86.932170	56109.02	56246.7	3.26	56112.28	56112.13281	56108.50739	56109.11328	504977.9	5408854.2
L4980.0	504977.9	5408854.2	10376.90039	288.73	56.92	48.832645	-86.932170	56107.26	56246.7	3.26	56110.52	56110.39844	56106.84268	56107.49219	504977.9	5408854.2
L4980.0	504977.9	5408852.7	10377.00000	288.00	54.87	48.832632	-86.932170	56105.82	56246.7	3.26	56109.08	56108.98438	56106.13315	56106.82422	504977.9	5408852.7
L4980.0	504977.9	5408852.7	10377.09961	286.43	54.84	48.832632	-86.932170	56103.55	56246.7	3.26	56106.81	56106.74219	56104.29574	56105.02734	504977.9	5408852.7
L4980.0	504977.8	5408851.1	10377.20020	284.98	54.84	48.832617	-86.932170	56102.28	56246.7	3.26	56105.53	56105.48828	56102.86444	56103.63672	504977.8	5408851.1
L4980.0	504977.8	5408849.4	10377.20020	284.98	55.04	48.832602	-86.932170	56100.59	56246.7	3.26	56103.84	56103.82422	56101.26187	56102.07422	504977.8	5408849.4
L4980.0	504977.8	5408848.0	10377.40039	283.16	55.08	48.832589	-86.932171	56098.59	56246.7	3.25	56101.85	56101.85938	56099.54260	56100.39063	504977.8	5408848.0
L4980.0	504977.8	5408848.0	10377.50000	282.59	52.46	48.832589	-86.932171	56096.46	56246.8	3.25	56099.71	56099.74609	56097.77070	56098.65625	504977.8	5408848.0
L4980.0	504977.8	5408845.1	10377.59961	283.08	52.46	48.832563	-86.932171	56093.45	56246.8	3.25	56096.70	56096.76172	56095.68280	56096.60547	504977.8	5408845.1
L4980.0	504977.8	5408844.2	10377.70020	284.70	54.13	48.832555	-86.932171	56091.20	56246.8	3.25	56094.45	56094.53906	56093.88467	56094.83984	504977.8	5408844.2
L4980.0	504977.8	5408844.2	10377.79981	275.33	56.44	48.832555	-86.932171	56089.43	56246.8	3.24	56092.68	56092.79688	56092.26033	56093.25000	504977.8	5408844.2
L4980.0	504977.8	5408842.7	10377.90039	275.63	56.26	48.832542	-86.932171	56087.05	56246.8	3.24	56090.29	56090.43359	56090.41056	56091.43359	504977.8	5408842.7
L4980.0	504977.8	5408841.3	10378.00000	283.74	56.26	48.832529	-86.932171	56085.39	56246.8	3.24	56088.63	56088.80078	56088.81679	56089.86719	504977.8	5408841.3
L4980.0	504977.8	5408839.9	10378.09961	284.25	55.84	48.832516	-86.932171	56083.18	56246.8	3.24	56086.42	56086.62109	56087.02017	56088.10156	504977.8	5408839.9
L4980.0	504977.8	5408838.2	10378.20020	286.78	56.86	48.832501	-86.932171	56081.67	56246.8	3.24	56084.91	56085.13672	56085.46593	56086.57422	504977.8	5408838.2
L4980.0	504977.8	5408838.2	10378.29981	286.65	55.93	48.832501	-86.932171	56078.53	56246.8	3.24	56081.77	56082.02344	56083.31234	56084.44922	504977.8	5408838.2
L4980.0	504977.8	5408836.1	10378.40039	284.77	55.93	48.832482	-86.932171	56075.93	56246.8	3.24	56079.17	56079.44922	56081.33468	56082.49609	504977.8	5408836.1
L4980.0	504977.8	5408836.1	10378.50000	286.92	56.87	48.832482	-86.932171	56073.60	56246.8	3.24	56076.84	56077.14844	56079.43742	56080.62109	504977.8	5408836.1
L4980.0	504977.8	5408834.6	10378.59961	287.43	57.35	48.832469	-86.932172	56071.24	56246.8	3.24	56074.48	56074.81250	56077.50967	56078.71484	504977.8	5408834.6
L4980.0	504977.8	5408833.4	10378.70020	288.81	53	48.832458	-86.932172	56069.43	56246.8	3.24	56072.67	56073.03125	56075.77981	56077.00391	504977.8	5408833.4
L4980.0	504977.7	5408832.0	10378.79981	288.58	57.83	48.832445	-86.932172	56066.99	56246.8	3.24	56070.23	56070.61719	56073.79008	56075.03125	504977.7	5408832.0
L4980.0	504977.7	5408831.0	10378.90039	286.64	57.83	48.832436	-86.932172	56064.47	56246.8	3.24	56067.71	56068.12500	56071.75318	56073.01172	504977.7	5408831.0
L4980.0	504977.7	5408829.8	10379.00000	287.52	55.82	48.832426	-86.932172	56061.71	56246.8	3.24	56064.95	56065.39063	56069.60236	56070.87500	504977.7	5408829.8
L4980.0	504977.7	5408828.1	10379.09961	286.10	55.02	48.832410	-86.932172	56058.70	56246.8	3.24	56061.94	56062.40625	56067.33107	56068.61719	504977.7	5408828.1
L4980.0	504977.7	5408828.1	10379.20020	287.10	56.57	48.832410	-86.932172	56056.65	56246.8	3.24	56059.89	56060.37891	56065.37104	56066.66797	504977.7	5408828.1
L4980.0	504977.7	5408826.4	10379.20020	287.10	56.57	48.832395	-86.932172	56054.35	56246.8	3.24	56057.59	56058.10547	56063.30761	56064.61328	504977.7	5408826.4
L4980.0	504977.7	5408826.4	10379.40039	289.48	53.44	48.832395	-86.932172	56051.62	56246.8	3.24	56054.86	56055.39844	56061.37544	56062.68750	504977.7	5408826.4
L4980.0	504977.7	5408824.0	10379.50000	290.54	53.44	48.832373	-86.932172	56048.66	56246.8	3.24	56051.90	56052.46094	56059.51310	56060.83203	504977.7	5408824.0
L4980.0	504977.7	5408822.3	10379.59961	288.69	52.74	48.832358	-86.932172	56046.11	56246.8	3.25	56049.35	56049.93359	56057.54470	56058.86328	504977.7	5408822.3
L4980.0	504977.7	5408821.1	10379.70020	290.91	56.49	48.832347	-86.932172	56044.08	56246.8	3.25	56047.32	56047.92578	56055.45068	56056.77344	504977.7	5408821.1
L4980.0	504977.7	5408821.1	10379.79981	289.46	58.32	48.832347	-86.932172	56041.61	56246.8	3.25	56044.85	56045.48047	56053.50778	56054.82813	504977.7	5408821.1
L4980.0	504977.7	5408819.7	10379.90039	288.10	58.32	48.832335	-86.932172	56038.38	56246.8	3.25	56041.63	56042.28125	56051.81294	56053.12891	504977.7	5408819.7
L4980.0	504977.7	5408818.3	10380.00000	286.77	59.45	48.832322	-86.932172	56036.57	56246.8	3.25	56039.82	56040.49219	56049.74442	56051.05469	504977.7	5408818.3
L4980.0	504977.7	5408816.4	10380.09961	287.05	59.45	48.832305	-86.932172	56034.16	56246.7	3.25	56037.42	56038.10938	56047.88382	56049.18750	504977.7	5408816.4
L4980.0	504977.7	5408816.4	10380.20020	290.71	58.34	48.832305	-86.932172	56030.98	56246.7	3.26	56034.23	56034.93750	56046.31617	56047.60938	504977.7	5408816.4
L4980.0	504977.7	5408814.0	10380.29981	290.37	57.11	48.832283	-86.932172	56028.27	56246.7	3.26	56031.53	56032.25781	56044.65297	56045.93359	504977.7	5408814.0
L4980.0	504977.7	5408814.0	10380.40039	291.61	57.97	48.832283	-86.932172	56025.99	56246.7	3.26	56029.25	56029.99219	56041.84953	56043.11328	504977.7	5408814.0
L4980.0	504977.7	5408812.4	10380.50000	289.37	57.97	48.832268	-86.932172	56023.38	56246.7	3.26	56026.65	56027.41016	56040.07808	56041.32813	504977.7	5408812.4
L4980.0	504977.8	5408810.7	10380.59961	287.63	57.74	48.832253	-86.932172	56021.39	56246.7	3.27	56024.66	56025.43359	56038.59918	56039.82813	504977.8	5408810.7
L4980.0	504977.8	5408809.7	10380.70020	285.60	57.93	48.832245	-86.932172	56018.61	56246.7	3.27	56021.88	56022.66797	56036.84122	56038.04688	504977.8	5408809.7
L4980.0	504977.8	5408809.7	10380.79981	286.77	57.12	48.832245	-86.932172	56016.41	56246.7	3.27	56019.68	56020.48047	56035.35751	56036.54297	504977.8	5408809.7
L4980.0	504977.8	5408807.8	10380.90039	286.23	56.79	48.832228	-86.932172	56012.74	56246.7	3.28	56016.01	56016.82422	56033.34885	56034.50781	504977.8	5408807.8
L4980.0	504977.8	5408805.9	10381.00000	285.67	55.96	48.832210	-86.932171	56010.21	56246.7	3.28	56013.49	56014.31250	56031.82489	56032.95313	504977.8	5408805.9
L4980.0	504977.8	5408805.9	10381.09961	285.37	54.7	48.832210	-86.932171	56008.29	56246.7	3.28	56011.57	56012.40234	56030.54808	56031.64453	504977.8	5408805.9
L4980.0	504977.8	5408804.2	10381.20020	286.21	54.7	48.832195	-86.932171	56006.54	56246.7	3.29	56009.82	56010.66016	56029.34385	56030.40625	504977.8	5408804.2
L4980.0	504977.9	5408803.2	10381.20020	286.21	54.11	48.832186	-86.932171	56004.22	56246.7	3.29	56007.50	56008.34766	56027.94419	56028.97266	504977.9	5408803.2
L4980.0	504977.9	5408801.5	10381.29981	286.24	55.73	48.832171	-86.932170	56002.42	56246.7	3.29	56005.71	56006.56250	56026.73107	56027.72266	504977.9	5408801.5
L4980.0	504977.9	5408799.9	10381.50000	286.09	55.73	48.832156	-86.932170	55999.99	56246.7	3.29	56003.28	56004.13672	56025.29240	56026.24219	504977.9	5408799.9
L4980.0	504977.9	5408799.9	10381.59961	285.70	60.78	48.832156	-86.932170	55997.94	56246.7	3.30	56001.24	56002.10156	56023.97471	56024.87891	504977.9	5408799.9
L4980.0	504978.0	5408798.3	10381.70020	282.47	60.2	48.832142	-86.932169	55996.02	56246.7	3.30	55999.32	56000.17969	56022.67547	56023.53516	504978.0	5408798.3
L4980.0	504978.0	5408797.1	10381.79981	280.70	59.77	48.832131	-86.932169	55994.73	56246.7	3.30	55998.03	55998.89063	56021.56142	56022.37500	504978.0	5408797.1
L4980.0	504978.0	5408795.6	10381.90039	281.93	59.77	48.832118	-86.932169	55993.16	56246.7	3.31	55996.47	55997.32813	56020.32589	56021.08984	504978.0	5408795.6
L4980.0	504978.0	5408794.2	10382.00000	283.63	59.11	48.832105	-86.932168	55991.39	56246.7	3.31	55994.70	55995.55469	56018.98605	56019.69531	504978.0	5408794.2
L4980.0	504978.0	5408794.2	10382.09961	284.64	54.68	48.832105	-86.932168	55989.75	56246.7	3.31	55993.05	55993.90234	56017.65213	56018.30859	504978.0	5408794.2
L4980.0	504978.1	5408791.8	10382.20020	286.30	57.54	48.832083	-86.932168	55988.10	56246.7	3.31	55991.41	55992.25391	56016.28702	56016.88281	504978.1	5408791.8
L4980.0	504978.1	5408790.8	10382.29981	286.94	57.54	48.832074	-86.932167	55986.61	56246.7	3.30	55989.92	55990.75781	56014.94207	56015.48047	504978.1	5408790.8
L4980.0	504978.1	5408790.8	10382.40039	286.12	55.87	48.832074	-86.932167	55984.94	56246.7	3.30	55988.24	55989.06641	56013.49886	56013.97266	504978.1	5408790.8
L4980.0	504978.1	5408789.1	10382.50000	288.14	56.67	48.832059	-86.932167	55983.47	56246.7	3.30	55986.77	55987.58594	56012.11031	56012.51953	504978.1	5408789.1
L4980.0	504978.2	5408787.1	10382.59961	285.59	56.38	48.832041	-86.932166	55982.34	56246.7	3.30	55985.63	55986.42969	56010.84324	56011.18750	504978.2	5408787.1
L4980.0	504978.2	5408785.7	10382.70020	284.84	56.38	48.832029	-86.932166	55981.15	56246.7	3.30	55984.44	55985.22656	56009.55774	56009.83203	504978.2	5408785.7
L4980.0	504978.2	5408785.7	10382.79981	284.53	55.66	48.832029	-86.932166	55980.29	56246.7	3.29	55983.58	55984.34766	56008.41475	56008.61719	504978.2	5408785.7
L4980.0	504978.3	5408783.5	10382.90039	287.80	57.71	48.832009	-86.932165	55979.15	56246.7	3.29	55982.44	55983.19141	56011.81507	56011.94531	504978.3	5408783.5
L4980.0	504978.3	5408783.5	10383.00000	289.71	57.71	48.832009	-86.932165	55978.77	56246.7	3.29	55982.06	55982.78906	56010.70711	56010.76172	504978.3	5408783.5
L4980.0	504978.3	5408781.8	10383.09961	289.86	58.45	48.831994	-86.932165	55979.13	56246.7	3.29	55982.41	55983.11719	56009.52461	56009.50000	504978.3	5408781.8
L4980.0	504978.3	5408780.6	10383.20020	291.87	58.41	48.831983	-86.932164	55978.56	56246.7	3.28	55981.85	55982.53125	56008.72815	56008.62109	504978.3	5408780.6
L4980.0	504978.4	5408779.2	10383.20020	291.87	60.03	48.831970	-86.932164	55978.49	56246.7	3.28	55981.77	55982.42578	56007.93769	56007.75000	504978.4	5408779.2
L4980.0	504978.4	5408777.9	10383.40039	291.98	59.48	48.831959	-86.932163	55978.97	56246.7	3.27	55982.24	55982.86719	56007.17545	56006.90234	504978.4	5408777.9
L4980.0	504978.4	5408777.9	10383.50000	289.86	60.56	48.831959	-86.932163	55979.38	56246.7	3.27	55982.65	55983.25000	56006.57704	56006.21875	504978.4	5408777.9
L4980.0	504978.5	5408775.2	10383.59961	288.59	59.79	48.831934	-86.932163	55980.14	56246.7	3.27	55983.40	55983.96484	56006.07788	56005.62891	504978.5	5408775.2
L4980.0	504978.5	5408774.5	10383.70020	287.17	60.86	48.831928	-86.932162	55979.58	56246.7	3.26	55982.84	55983.37109	56005.89079	56005.35156	504978.5	5408774.5
L4980.0	504978.5	5408773.3	10383.79981	287.88	60.46	48.831917	-86.932162	55980.34	56246.7	3.26	55983.60	55984.09766	56005.67932	56005.04688	504978.5	5408773.3
L4980.0	504978.5	5408772.0	10383.90039	286.40	60.46	48.831905	-86.932162	55980.04	56246.7	3.25	55983.29	55983.75000	56005.70750	56004.98047	504978.5	5408772.0
L4980.0	504978.6	5408770.6	10384.00000	286.76	59.85	48.831892	-86.932161	55980.26	56246.8	3.25	55983.51	55983.92969	56005.81977	56004.99609	504978.6	5408770.6
L4980.0	504978.6	5408769.1	10384.09961	288.89	62.57	48.831880	-86.932161	55981.42	56246.7	3.25	55984.67	55985.04688	56006.01503	56005.09375	504978.6	5408769.1
L4980.0	504978.6	5408769.1	10384.20020	289.56	60.99	48.831880	-86.932161	55982.99	56246.7	3.25	55986.24	55986.57422	56006.34103	56005.32031	504978.6	5408769.1
L4980.0	504978.6	5408767.5	10384.29981	291.85	60.99	48.831865	-86.932161	55984.03	56246.7	3.25	55987.28	55987.56641	56006.83109	56005.70703	504978.6	5408767.5
L4980.0	504978.6	5408766.3	10384.40039	292.09	58.49	48.831854	-86.932160	55985.60	56246.7	3.25	55988.85	55989.08984	56007.43715	56006.21094	504978.6	5408766.3

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4980.0	504978.7	5408764.5	10384.50000	292.17	60.64	48.831838	-86.932160	55986.34	56246.7	3.26	55989.59	55989.77734	56008.18983	56006.85938	504978.7	5408764.5
L4980.0	504978.7	5408764.5	10384.59961	290.28	61.06	48.831838	-86.932160	55986.61	56246.7	3.26	55989.87	55990.00781	56009.07041	56007.63281	504978.7	5408764.5
L4980.0	504978.7	5408762.6	10384.70020	288.62	61.06	48.831821	-86.932159	55988.28	56246.7	3.26	55991.53	55991.61328	56010.02405	56008.47656	504978.7	5408762.6
L4980.0	504978.7	5408761.4	10384.79981	290.57	60.62	48.831810	-86.932159	55989.82	56246.7	3.26	55993.08	55993.10938	56011.07622	56009.42188	504978.7	5408761.4
L4980.0	504978.8	5408760.0	10384.90039	290.56	60.62	48.831797	-86.932159	55991.79	56246.7	3.26	55995.05	55995.01953	56012.19814	56010.42969	504978.8	5408760.0
L4980.0	504978.8	5408760.0	10385.00000	290.10	62.94	48.831797	-86.932159	55993.34	56246.7	3.26	55996.60	55996.51172	56013.40750	56011.52734	504978.8	5408760.0
L4980.0	504978.8	5408758.5	10385.09961	291.29	57.61	48.831784	-86.932158	55994.86	56246.7	3.26	55998.11	55997.95703	56014.68283	56012.68750	504978.8	5408758.5
L4980.0	504978.8	5408757.4	10385.20020	292.32	57.61	48.831774	-86.932158	55996.22	56246.7	3.25	55999.47	55999.25391	56016.01919	56013.91016	504978.8	5408757.4
L4980.0	504978.8	5408756.1	10385.20020	292.32	59.5	48.831763	-86.932158	55998.70	56246.7	3.25	56001.95	56001.66797	56017.32662	56015.10156	504978.8	5408756.1
L4980.0	504978.8	5408754.9	10385.40039	288.17	54.38	48.831752	-86.932158	56000.27	56246.8	3.24	56003.51	56003.16406	56018.73694	56016.39453	504978.8	5408754.9
L4980.0	504978.8	5408752.8	10385.50000	288.10	54.38	48.831733	-86.932158	56001.25	56246.8	3.24	56004.49	56004.07422	56020.24574	56017.78516	504978.8	5408752.8
L4980.0	504978.8	5408752.8	10385.59961	285.90	60.61	48.831733	-86.932158	56003.05	56246.8	3.24	56006.29	56005.80078	56021.73942	56019.15625	504978.8	5408752.8
L4980.0	504978.8	5408751.4	10385.70020	287.97	60.51	48.831720	-86.932158	56005.36	56246.8	3.23	56008.59	56008.03125	56023.22566	56020.52344	504978.8	5408751.4
L4980.0	504978.8	5408750.0	10385.79981	288.84	58.23	48.831707	-86.932158	56007.78	56246.8	3.23	56011.01	56010.37500	56024.73040	56021.90625	504978.8	5408750.0
L4980.0	504978.8	5408748.5	10385.90039	289.66	58.23	48.831694	-86.932158	56010.28	56246.8	3.22	56013.51	56012.79688	56026.24862	56023.30078	504978.8	5408748.5
L4980.0	504978.8	5408747.3	10386.00000	288.28	58.68	48.831683	-86.932158	56012.06	56246.8	3.22	56015.28	56014.49219	56027.89123	56024.82031	504978.8	5408747.3
L4980.0	504978.8	5408745.9	10386.09961	277.17	59.26	48.831670	-86.932158	56014.13	56246.8	3.22	56017.35	56016.48047	56029.51757	56026.32422	504978.8	5408745.9
L4980.0	504978.8	5408745.9	10386.20020	278.92	60.72	48.831670	-86.932158	56015.47	56246.8	3.22	56018.70	56017.75000	56031.29540	56027.97656	504978.8	5408745.9
L4980.0	504978.8	5408744.4	10386.29981	287.57	60.72	48.831657	-86.932158	56017.90	56246.8	3.22	56021.12	56020.08594	56032.90367	56029.46094	504978.8	5408744.4
L4980.0	504978.8	5408742.3	10386.40039	287.49	61.15	48.831639	-86.932158	56020.53	56246.8	3.22	56023.76	56022.64063	56034.46211	56030.89453	504978.8	5408742.3
L4980.0	504978.8	5408742.3	10386.50000	286.80	62.63	48.831639	-86.932158	56021.72	56246.8	3.23	56024.94	56023.73438	56036.35107	56032.65625	504978.8	5408742.3
L4980.0	504978.8	5408740.7	10386.59961	288.08	62.63	48.831624	-86.932158	56023.70	56246.8	3.23	56026.92	56025.62891	56038.06852	56034.25000	504978.8	5408740.7
L4980.0	504978.8	5408739.3	10386.70020	290.08	62.46	48.831611	-86.932159	56026.58	56246.8	3.23	56029.81	56028.42969	56039.53025	56035.58203	504978.8	5408739.3
L4980.0	504978.8	5408737.9	10386.79981	291.88	57.06	48.831598	-86.932159	56028.57	56246.8	3.23	56031.80	56030.32813	56041.21855	56037.14453	504978.8	5408737.9
L4980.0	504978.8	5408736.9	10386.90039	291.73	57.87	48.831589	-86.932159	56030.44	56246.8	3.23	56033.67	56032.10547	56042.93407	56038.73438	504978.8	5408736.9
L4980.0	504978.7	5408735.5	10387.00000	291.72	57.87	48.831577	-86.932159	56032.68	56246.8	3.23	56035.91	56034.25000	56044.35243	56040.02344	504978.7	5408735.5
L4980.0	504978.7	5408734.3	10387.09961	289.55	62.67	48.831566	-86.932160	56035.10	56246.8	3.23	56038.33	56036.57813	56046.17758	56041.72266	504978.7	5408734.3
L4980.0	504978.7	5408733.1	10387.20020	287.79	63.96	48.831556	-86.932160	56037.02	56246.8	3.23	56040.26	56038.41016	56047.77813	56043.19531	504978.7	5408733.1
L4980.0	504978.6	5408732.2	10387.20020	287.79	63.96	48.831547	-86.932161	56038.79	56246.8	3.23	56042.02	56040.07422	56049.29422	56044.58594	504978.6	5408732.2
L4980.0	504978.6	5408730.7	10387.40039	286.57	64.03	48.831534	-86.932161	56041.07	56246.8	3.24	56044.31	56042.26563	56051.01003	56046.17578	504978.6	5408730.7
L4980.0	504978.6	5408730.7	10387.50000	285.97	64.52	48.831534	-86.932161	56042.89	56246.8	3.24	56046.13	56043.98438	56052.52049	56047.55859	504978.6	5408730.7
L4980.0	504978.5	5408729.3	10387.59961	285.59	64.52	48.831522	-86.932162	56045.37	56246.8	3.24	56048.61	56046.36719	56054.27735	56049.18750	504978.5	5408729.3
L4980.0	504978.5	5408727.9	10387.70020	285.34	61.58	48.831508	-86.932163	56046.71	56246.8	3.24	56049.95	56047.60547	56055.57141	56050.35938	504978.5	5408727.9
L4980.0	504978.5	5408726.7	10387.79981	285.83	60.41	48.831498	-86.932163	56048.78	56246.8	3.25	56052.03	56049.58203	56057.14271	56051.80469	504978.5	5408726.7
L4980.0	504978.4	5408725.5	10387.90039	285.79	56.71	48.831487	-86.932164	56050.96	56246.8	3.25	56054.21	56051.66016	56058.74026	56053.27734	504978.4	5408725.5
L4980.0	504978.4	5408724.0	10388.00000	285.81	58.31	48.831474	-86.932164	56053.01	56246.8	3.25	56056.26	56053.60547	56060.27678	56054.68750	504978.4	5408724.0
L4980.0	504978.3	5408722.6	10388.09961	284.03	58.31	48.831461	-86.932165	56054.40	56246.8	3.25	56057.65	56054.89063	56061.54687	56055.83594	504978.3	5408722.6
L4980.0	504978.3	5408721.5	10388.20020	286.58	60.35	48.831451	-86.932165	56056.32	56246.8	3.24	56059.56	56056.69531	56063.01137	56057.17578	504978.3	5408721.5
L4980.0	504978.3	5408721.5	10388.29981	286.27	61.35	48.831451	-86.932165	56058.22	56246.8	3.24	56061.46	56058.48828	56064.46670	56058.51172	504978.3	5408721.5
L4980.0	504978.3	5408720.1	10388.40039	286.28	61.35	48.831438	-86.932166	56060.29	56246.8	3.24	56063.53	56060.45313	56065.98806	56059.91016	504978.3	5408720.1
L4980.0	504978.2	5408718.7	10388.50000	287.69	61	48.831426	-86.932166	56062.04	56246.8	3.24	56065.27	56062.08594	56067.37644	56061.17969	504978.2	5408718.7
L4980.0	504978.2	5408717.5	10388.59961	287.40	64.94	48.831416	-86.932167	56064.02	56246.8	3.23	56067.25	56063.95703	56068.86494	56062.54688	504978.2	5408717.5
L4980.0	504978.2	5408715.9	10388.70020	287.48	63.86	48.831401	-86.932167	56064.92	56246.8	3.23	56068.15	56064.74609	56069.90138	56063.46484	504978.2	5408715.9
L4980.0	504978.2	5408715.9	10388.79981	288.16	63.83	48.831401	-86.932167	56066.92	56246.8	3.23	56070.15	56066.64063	56070.71992	56064.16797	504978.2	5408715.9
L4980.0	504978.2	5408714.0	10388.90039	290.08	63.83	48.831384	-86.932167	56068.46	56246.8	3.22	56071.68	56068.06250	56072.10270	56065.43359	504978.2	5408714.0
L4980.0	504978.1	5408712.3	10389.00000	287.75	65.59	48.831368	-86.932168	56069.83	56246.8	3.22	56073.05	56069.32031	56073.51214	56066.73047	504978.1	5408712.3
L4980.0	504978.1	5408712.3	10389.09961	287.91	63.85	48.831368	-86.932168	56072.36	56246.8	3.22	56075.58	56071.74219	56074.56546	56067.66797	504978.1	5408712.3
L4980.0	504978.1	5408710.7	10389.20020	287.63	63.85	48.831354	-86.932168	56073.93	56246.8	3.22	56077.15	56073.20313	56075.88069	56068.87109	504978.1	5408710.7
L4980.0	504978.1	5408708.7	10389.20020	287.63	66.26	48.831336	-86.932169	56075.02	56246.8	3.22	56078.24	56074.18359	56077.29689	56070.17969	504978.1	5408708.7
L4980.0	504978.1	5408708.7	10389.40039	290.16	60.64	48.831336	-86.932169	56076.18	56246.8	3.22	56079.40	56075.23438	56078.66113	56071.43359	504978.1	5408708.7
L4980.0	504978.1	5408707.0	10389.50000	291.00	60.64	48.831321	-86.932169	56078.31	56246.8	3.23	56081.53	56077.25391	56079.74572	56072.41016	504978.1	5408707.0
L4980.0	504978.0	5408705.6	10389.59961	292.59	65.1	48.831308	-86.932169	56079.57	56246.8	3.23	56082.79	56078.40625	56081.02401	56073.58203	504978.0	5408705.6
L4980.0	504978.0	5408705.6	10389.70020	292.04	67.19	48.831308	-86.932169	56081.08	56246.8	3.23	56084.31	56079.81641	56082.20480	56074.66016	504978.0	5408705.6
L4980.0	504978.0	5408704.2	10389.79981	293.04	66.01	48.831295	-86.932170	56081.70	56246.8	3.23	56084.93	56080.32813	56083.59095	56075.94141	504978.0	5408704.2
L4980.0	504978.0	5408702.7	10389.90039	291.43	66.01	48.831282	-86.932170	56083.14	56246.8	3.23	56086.37	56081.66016	56084.73784	56076.98828	504978.0	5408702.7
L4980.0	504978.0	5408701.8	10390.00000	287.02	67.49	48.831274	-86.932170	56084.37	56246.8	3.23	56087.60	56082.78516	56085.91586	56078.06641	504978.0	5408701.8
L4980.0	504978.0	5408700.6	10390.09961	286.06	67.49	48.831263	-86.932170	56085.71	56246.8	3.23	56088.94	56084.01563	56087.03973	56079.09375	504978.0	5408700.6
L4980.0	504978.0	5408699.1	10390.20020	287.20	65.67	48.831250	-86.932171	56087.06	56246.8	3.23	56090.29	56085.25781	56088.13614	56080.09375	504978.0	5408699.1
L4980.0	504977.9	5408697.5	10390.29981	287.66	61.47	48.831235	-86.932171	56088.63	56246.8	3.23	56091.85	56086.71484	56089.14447	56081.00781	504977.9	5408697.5
L4980.0	504977.9	5408696.3	10390.40039	287.24	61.47	48.831224	-86.932171	56090.12	56246.8	3.23	56093.34	56088.09766	56090.14647	56081.91797	504977.9	5408696.3
L4980.0	504977.9	5408696.3	10390.50000	287.58	67.69	48.831224	-86.932171	56091.08	56246.8	3.23	56094.30	56088.95313	56091.29059	56082.97266	504977.9	5408696.3
L4980.0	504977.9	5408694.8	10390.59961	287.43	67.97	48.831211	-86.932171	56091.79	56246.8	3.22	56095.01	56089.55859	56092.49814	56084.09375	504977.9	5408694.8
L4980.0	504978.0	5408693.4	10390.70020	287.20	70.02	48.831198	-86.932171	56092.77	56246.8	3.22	56096.00	56090.44531	56093.59828	56085.10547	504978.0	5408693.4
L4980.0	504978.0	5408691.7	10390.79981	287.89	70.02	48.831183	-86.932170	56094.70	56246.8	3.22	56097.92	56092.26563	56095.24390	56086.66797	504978.0	5408691.7
L4980.0	504978.0	5408691.7	10390.90039	284.32	71.91	48.831183	-86.932170	56095.78	56246.8	3.22	56099.00	56093.24219	56096.22274	56087.56641	504978.0	5408691.7
L4980.0	504978.0	5408690.0	10391.00000	283.09	71.73	48.831168	-86.932170	56096.99	56246.8	3.22	56100.21	56094.35156	56097.24933	56088.51172	504978.0	5408690.0
L4980.0	504978.0	5408688.6	10391.09961	283.65	72.1	48.831155	-86.932170	56097.48	56246.8	3.22	56100.69	56094.73438	56097.95885	56089.14453	504978.0	5408688.6
L4980.0	504978.0	5408687.5	10391.20020	283.56	71.38	48.831145	-86.932170	56098.82	56246.8	3.21	56102.03	56095.97656	56099.02288	56090.13281	504978.0	5408687.5
L4980.0	504978.0	5408686.0	10391.20020	283.56	71.38	48.831132	-86.932170	56100.16	56246.8	3.21	56103.37	56097.21875	56100.07587	56091.11328	504978.0	5408686.0
L4980.0	504978.1	5408684.6	10391.29981	286.13	68.47	48.831119	-86.932169	56100.81	56246.8	3.21	56104.02	56097.77344	56100.83144	56091.79688	504978.1	5408684.6
L4980.0	504978.1	5408683.4	10391.50000	289.00	68.47	48.831109	-86.932169	56102.21	56246.8	3.20	56105.41	56099.06641	56101.88256	56092.78125	504978.1	5408683.4
L4980.0	504978.1	5408683.4	10391.59961	288.75	74.08	48.831109	-86.932169	56103.29	56246.8	3.20	56106.48	56100.04297	56102.78986	56093.62109	504978.1	5408683.4
L4980.0	504978.1	5408681.0	10391.70020	289.75	75.43	48.831087	-86.932169	56104.14	56246.8	3.19	56107.33	56100.80078	56103.59679	56094.36719	504978.1	5408681.0
L4980.0	504978.1	5408681.0	10391.79981	288.97	75.43	48.831087	-86.932169	56105.24	56246.8	3.19	56108.43	56101.81250	56104.49230	56095.19922	504978.1	5408681.0
L4980.0	504978.1	5408679.3	10391.90039	289.62	76.53	48.831072	-86.932168	56106.16	56246.8	3.18	56109.34	56102.63281	56105.30005	56095.94922	504978.1	5408679.3
L4980.0	504978.1	5408679.3	10392.00000	288.02	73.84	48.831072	-86.932168	56106.71	56246.8	3.18	56109.89	56103.09375	56105.95763	56096.55078	504978.1	5408679.3
L4980.0	504978.2	5408676.5	10392.09961	276.89	73.84	48.831046	-86.932168	56107.54	56246.8	3.18	56110.72	56103.83984	56106.71434	56097.25391	504978.2	5408676.5
L4980.0	504978.2	5408675.3	10392.20020	275.34	75.99	48.831035	-86.932168	56109.02	56246.8	3.18	56112.20	56105.23438	56107.70281	56098.18750	504978.2	5408675.3
L4980.0	504978.2	5408674.0	10392.29981	284.41	76.37	48.831024	-86.932168	56109.49	56246.8	3.19	56112.68	56105.63281	56108.30746	56098.74609	504978.2	5408674.0
L4980.0	504978.2	5408674.0	10392.40039	284.80	73	48.831024	-86.932168	56111.24	56246.8	3.19	56114.43	56107.30078	56109.36201	56099.75391	504978.2	5408674.0
L4980.0	504978.2	5408672.1	10392.50000	284.66	74.05	48.831007	-86.932167	56111.34	56246.8	3.19	56114.53	56107.32031	56109.81527	56100.16016	504978.2	5408672.1
L4980.0	504978.2	5408670.6	10392.59961	284.93	74.05	48.830994	-86.932167	56112.02	56246.8	3.19	56115.21	56107.92188	56110.47012	56100.77344	504978.2	5408670.6
L4980.0	504978.2	5408669.2	10392.70020	285.07	77	48.830981	-86.932167	56113.27	56246.8	3.19	56116.46	56109.09766	56111.31278	56101.57813	504978.2	5408669.2
L4980.0	504978.2	5408669.2	10392.79981	284.84	77	48.830981	-86.932167	56114.12	56246.8	3.20	56117.32	56109.88281	56112.01689	56102.24219	504978.2	5408669.2
L4980.0	504978.2	5408667.3	10392.90039	285.02	76.28	48.830964	-86.932167	56115.24	56246.8	3.20	56118.44	56110.92969	56112.80395	56102.99609	504978.2	5408667.3
L4980.0	504978.2	5408666.1	10393.00000	284.33	76.28	48.830953	-86.932167	56115.48	56246.8	3.20	56118.68	56111.10156	56113.30629	56103.46484	504978.2	5408666.1
L4980.0	504978.3	5408664.6	10393.09961	285.39	74.83	48.830939	-86.932167	56116.44	56246.8	3.20	56119.64	56111.99219	56114.04434	56104.17578	504978.3	5408664.6
L4980.0	504978.3	5408664.6	10393.20020	286.63	78.21	48.830939	-86.932167	56116.90	56246.8	3.20	56120.10	56112.38281	56114.62680	56104.73047	504978.3	5408664.6
L4980.0	504978.3	5408663.2	10393.20020	286.63	80.91	48.830926	-86.932167	56117.06	56246.8	3.20	56120.26	56112.48047	56115.11939	56105.19531	504978.3	5408663.2
L4980.0	504978.3	5408661.3	10393.40039	284.64	80.91	48.830910	-86.932166	56118.32	56246.8	3.20	56121.52	56113.67578	56115.96834	56106.02344	504978.3	5408661.3
L4980.0	504978.3	5408661.3	10393.50000	283.12	84.82	48.830910	-86.932166	56118.53	56246.8	3.20	56121.73	56113.82422	56116.48764	56106.52344	504978.3	5408661.3
L4980.0	504978.3	5408659.9	10393.59961	283.91	84.82	48.830897	-86.932166	56119.36	56246.8	3.20	56122.56	56114.59766	56117.21304	56107.23047	504978.3	5408659.9
L4980.0	504978.3	5408657.2	10393.70020	283.43	80.69	48.830872	-86.932166	56119.73	56246.8	3.20	56122.93	56114.91016	56117.79212	56107.79297	504978.3	5408657.2

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4980.0	504978.4	5408655.9	10393.79981	285.06	76.78	48.830861	-86.932166	56120.75	56246.8	3.20	56123.95	56115.87500	56118.59422	56108.58203	504978.4	5408655.9
L4980.0	504978.4	5408655.9	10393.90039	286.67	76.41	48.830861	-86.932166	56121.25	56246.8	3.20	56124.45	56116.32031	56119.22291	56109.19922	504978.4	5408655.9
L4980.0	504978.4	5408654.0	10394.00000	286.81	76.41	48.830844	-86.932165	56121.64	56246.8	3.20	56124.84	56116.66016	56119.81056	56109.78125	504978.4	5408654.0
L4980.0	504978.4	5408652.6	10394.09961	286.66	76.6	48.830831	-86.932165	56122.77	56246.8	3.20	56125.97	56117.73828	56120.66711	56110.63281	504978.4	5408652.6
L4980.0	504978.4	5408652.6	10394.20020	288.75	78.65	48.830831	-86.932165	56123.15	56246.8	3.20	56126.36	56118.08203	56121.24970	56111.21094	504978.4	5408652.6
L4980.0	504978.4	5408651.4	10394.29981	291.51	87.07	48.830821	-86.932165	56123.50	56246.8	3.21	56126.70	56118.37891	56121.80478	56111.76563	504978.4	5408651.4
L4980.0	504978.4	5408650.1	10394.40039	292.45	87.07	48.830809	-86.932165	56124.12	56246.8	3.21	56127.33	56118.96484	56122.46645	56112.42578	504978.4	5408650.1
L4980.0	504978.5	5408648.4	10394.50000	290.65	86.67	48.830794	-86.932164	56124.77	56246.8	3.21	56127.98	56119.57422	56123.13160	56113.09375	504978.5	5408648.4
L4980.0	504978.5	5408648.4	10394.59961	285.79	87.65	48.830794	-86.932164	56125.62	56246.8	3.21	56128.83	56120.38281	56123.87574	56113.84375	504978.5	5408648.4
L4980.0	504978.5	5408646.3	10394.70020	287.32	87.65	48.830774	-86.932164	56126.23	56246.8	3.21	56129.44	56120.95703	56123.98622	56113.96094	504978.5	5408646.3
L4980.0	504978.6	5408644.8	10394.79981	288.73	88.08	48.830762	-86.932163	56126.42	56246.8	3.22	56129.63	56121.11328	56124.72843	56114.71484	504978.6	5408644.8
L4980.0	504978.6	5408644.8	10394.90039	289.21	87.68	48.830762	-86.932163	56127.10	56246.8	3.22	56130.32	56121.76953	56125.29621	56115.29297	504978.6	5408644.8
L4980.0	504978.6	5408643.5	10395.00000	288.93	86.52	48.830749	-86.932163	56127.42	56246.8	3.22	56130.64	56122.05859	56125.95522	56115.96875	504978.6	5408643.5
L4980.0	504978.6	5408642.2	10395.09961	288.31	88.06	48.830737	-86.932162	56128.21	56246.8	3.22	56131.43	56122.82031	56126.46843	56116.49609	504978.6	5408642.2
L4980.0	504978.6	5408640.7	10395.20020	286.73	88.06	48.830724	-86.932162	56129.02	56246.8	3.22	56132.24	56123.60156	56126.96526	56117.01172	504978.6	5408640.7
L4980.0	504978.7	5408639.3	10395.20020	286.73	79.75	48.830712	-86.932161	56129.53	56246.8	3.22	56132.75	56124.08594	56127.51984	56117.58594	504978.7	5408639.3
L4980.0	504978.7	5408637.6	10395.40039	288.37	83.34	48.830697	-86.932161	56130.00	56246.8	3.23	56133.23	56124.54297	56128.05961	56118.14844	504978.7	5408637.6
L4980.0	504978.7	5408637.6	10395.50000	288.74	84.58	48.830697	-86.932161	56130.42	56246.8	3.23	56133.65	56124.94531	56128.59060	56118.70313	504978.7	5408637.6
L4980.0	504978.8	5408635.5	10395.59961	290.05	84.58	48.830677	-86.932160	56131.37	56246.8	3.23	56134.60	56125.87500	56128.97937	56119.11719	504978.8	5408635.5
L4980.0	504978.8	5408634.3	10395.70020	288.73	87.68	48.830666	-86.932160	56131.24	56246.8	3.23	56134.48	56125.73828	56129.59267	56119.75781	504978.8	5408634.3
L4980.0	504978.8	5408634.3	10395.79981	289.20	87.81	48.830666	-86.932160	56131.55	56246.8	3.24	56134.78	56126.02344	56130.09301	56120.28906	504978.8	5408634.3
L4980.0	504978.8	5408632.8	10395.90039	288.83	88.23	48.830653	-86.932160	56132.27	56246.8	3.24	56135.51	56126.73828	56130.47605	56120.70313	504978.8	5408632.8
L4980.0	504978.8	5408631.4	10396.00000	287.78	88.23	48.830640	-86.932160	56132.92	56246.8	3.24	56136.16	56127.37500	56130.85872	56121.12109	504978.8	5408631.4
L4980.0	504978.8	5408629.9	10396.09961	287.13	87.99	48.830627	-86.932159	56133.01	56246.8	3.24	56136.26	56127.46484	56131.36149	56121.65625	504978.8	5408629.9
L4980.0	504978.9	5408629.0	10396.20020	288.18	87.99	48.830619	-86.932159	56134.12	56246.8	3.25	56137.36	56128.55859	56131.58744	56121.91797	504978.9	5408629.0
L4980.0	504978.9	5408627.7	10396.29981	289.62	87.98	48.830607	-86.932159	56134.86	56246.7	3.25	56138.11	56129.30078	56131.87614	56122.24609	504978.9	5408627.7
L4980.0	504978.9	5408626.8	10396.40039	288.12	88.62	48.830599	-86.932159	56134.96	56246.7	3.26	56138.22	56129.40625	56132.32442	56122.73438	504978.9	5408626.8
L4980.0	504978.9	5408625.5	10396.50000	287.05	88.35	48.830588	-86.932159	56135.04	56246.7	3.26	56138.30	56129.48438	56132.77229	56123.22266	504978.9	5408625.5
L4980.0	504978.9	5408624.2	10396.59961	286.19	88.6	48.830576	-86.932159	56135.79	56246.7	3.26	56139.06	56130.24219	56132.99073	56123.48438	504978.9	5408624.2
L4980.0	504978.9	5408624.2	10396.70020	286.36	88.6	48.830576	-86.932159	56136.03	56246.7	3.27	56139.30	56130.48438	56133.78379	56124.32031	504978.9	5408624.2
L4980.0	504978.9	5408622.5	10396.79981	287.80	83.13	48.830561	-86.932159	56136.86	56246.7	3.27	56140.13	56131.31641	56134.27447	56124.85938	504978.9	5408622.5
L4980.0	504978.9	5408620.8	10396.90039	289.31	83.13	48.830545	-86.932159	56136.93	56246.7	3.28	56140.21	56131.40234	56134.44850	56125.07813	504978.9	5408620.8
L4980.0	504978.9	5408620.1	10397.00000	289.98	84.21	48.830539	-86.932159	56136.68	56246.7	3.28	56139.96	56131.15625	56134.49204	56125.17188	504978.9	5408620.1
L4980.0	504978.9	5408618.6	10397.09961	288.55	85.08	48.830526	-86.932159	56137.34	56246.7	3.28	56140.62	56131.82422	56134.90247	56125.62891	504978.9	5408618.6
L4980.0	504978.9	5408616.8	10397.20020	286.87	85.08	48.830509	-86.932159	56137.67	56246.7	3.29	56140.96	56132.17188	56135.18490	56125.96484	504978.9	5408616.8
L4980.0	504978.9	5408616.8	10397.20020	286.87	85.07	48.830509	-86.932159	56138.08	56246.7	3.29	56141.37	56132.58984	56135.49525	56126.32422	504978.9	5408616.8
L4980.0	504978.9	5408615.3	10397.40039	283.92	88.77	48.830495	-86.932159	56138.42	56246.7	3.30	56141.72	56132.95313	56135.78432	56126.66797	504978.9	5408615.3
L4980.0	504978.8	5408613.1	10397.50000	285.00	88.77	48.830476	-86.932159	56139.26	56246.7	3.30	56142.56	56133.80469	56136.25907	56127.19531	504978.8	5408613.1
L4980.0	504978.8	5408613.1	10397.59961	285.53	87.99	48.830476	-86.932159	56139.24	56246.7	3.30	56142.55	56133.80859	56136.41953	56127.41406	504978.8	5408613.1
L4980.0	504978.8	5408611.7	10397.70020	287.32	86.01	48.830464	-86.932160	56139.26	56246.7	3.31	56142.57	56133.84375	56136.59736	56127.64453	504978.8	5408611.7
L4980.0	504978.8	5408610.3	10397.79981	283.94	86.01	48.830451	-86.932160	56139.72	56246.7	3.31	56143.03	56134.32031	56136.94176	56128.04688	504978.8	5408610.3
L4980.0	504978.8	5408608.9	10397.90039	284.34	86.01	48.830438	-86.932161	56141.06	56246.7	3.32	56144.38	56135.68750	56137.61504	56128.77734	504978.8	5408608.9
L4980.0	504978.7	5408607.4	10398.00000	286.75	85.46	48.830425	-86.932161	56140.36	56246.7	3.32	56143.68	56135.00781	56137.54693	56128.76953	504978.7	5408607.4
L4980.0	504978.7	5408607.4	10398.09961	288.54	83.63	48.830425	-86.932161	56140.13	56246.7	3.32	56143.44	56134.78516	56137.65142	56128.93359	504978.7	5408607.4
L4980.0	504978.7	5408605.0	10398.20020	288.89	84.14	48.830403	-86.932162	56140.77	56246.7	3.31	56144.09	56135.45703	56138.08633	56129.42578	504978.7	5408605.0
L4980.0	504978.7	5408605.0	10398.29981	287.91	85.83	48.830403	-86.932162	56141.16	56246.7	3.31	56144.47	56135.85938	56138.42849	56129.83203	504978.7	5408605.0
L4980.0	504978.6	5408603.4	10398.40039	286.81	85.83	48.830389	-86.932163	56141.92	56246.7	3.31	56145.23	56136.64453	56138.92009	56130.38281	504978.6	5408603.4
L4980.0	504978.6	5408602.0	10398.50000	287.48	85.48	48.830376	-86.932163	56142.00	56246.7	3.31	56145.31	56136.74609	56139.16620	56130.69141	504978.6	5408602.0
L4980.0	504978.5	5408601.0	10398.59961	286.93	82.74	48.830367	-86.932164	56142.55	56246.7	3.30	56145.85	56137.31250	56139.60149	56131.18750	504978.5	5408601.0
L4980.0	504978.5	5408599.3	10398.70020	286.29	82.92	48.830352	-86.932164	56142.42	56246.7	3.30	56145.72	56137.21094	56139.78857	56131.43750	504978.5	5408599.3
L4980.0	504978.5	5408598.1	10398.79981	287.34	82.92	48.830341	-86.932165	56143.01	56246.7	3.30	56146.30	56137.81641	56140.26156	56131.97266	504978.5	5408598.1
L4980.0	504978.5	5408598.1	10398.90039	288.67	79.94	48.830341	-86.932165	56143.59	56246.7	3.29	56146.88	56138.42188	56140.74126	56132.51953	504978.5	5408598.1
L4980.0	504978.4	5408596.5	10399.00000	286.86	86.15	48.830326	-86.932165	56143.08	56246.7	3.29	56146.37	56137.94141	56140.75982	56132.60156	504978.4	5408596.5
L4980.0	504978.4	5408595.0	10399.09961	287.38	86	48.830313	-86.932166	56143.61	56246.7	3.30	56146.90	56138.50000	56140.87592	56132.78125	504978.4	5408595.0
L4980.0	504978.4	5408593.5	10399.20020	286.87	86	48.830300	-86.932166	56143.52	56246.7	3.30	56146.82	56138.45313	56141.28869	56133.25781	504978.4	5408593.5
L4980.0	504978.3	5408592.8	10399.20020	286.87	83.37	48.830293	-86.932166	56144.64	56246.7	3.30	56147.94	56139.60156	56141.32587	56133.35938	504978.3	5408592.8
L4980.0	504978.3	5408591.4	10399.29981	288.76	83.4	48.830281	-86.932167	56144.02	56246.7	3.31	56147.32	56139.01172	56141.83752	56133.93359	504978.3	5408591.4
L4980.0	504978.3	5408589.8	10399.40039	289.22	83.4	48.830266	-86.932167	56144.23	56246.7	3.31	56147.54	56139.26563	56142.08082	56134.24219	504978.3	5408589.8
L4980.0	504978.3	5408589.8	10399.50000	288.35	82.07	48.830266	-86.932167	56144.49	56246.7	3.32	56147.81	56139.56641	56142.28110	56134.50781	504978.3	5408589.8
L4980.0	504978.3	5408588.3	10399.70020	288.02	82.07	48.830253	-86.932167	56145.36	56246.7	3.33	56148.69	56140.48047	56142.28631	56134.57813	504978.3	5408588.3
L4980.0	504978.3	5408586.8	10399.79981	288.02	82.51	48.830240	-86.932168	56144.76	56246.7	3.34	56148.10	56139.92188	56142.66968	56135.02344	504978.3	5408586.8
L4980.0	504978.2	5408585.4	10399.79981	292.08	83.05	48.830227	-86.932168	56145.03	56246.7	3.34	56148.36	56140.21875	56142.80392	56135.22266	504978.2	5408585.4
L4980.0	504978.2	5408584.0	10400.00000	291.87	85.51	48.830214	-86.932168	56145.62	56246.7	3.35	56148.97	56140.85938	56142.81656	56135.30078	504978.2	5408584.0
L4980.0	504978.2	5408584.0	10400.09961	291.87	85.51	48.830214	-86.932168	56146.20	56246.7	3.35	56149.55	56141.47656	56142.81649	56135.36328	504978.2	5408584.0
L4980.0	504978.2	5408582.8	10400.20020	288.72	86.2	48.830203	-86.932169	56146.30	56246.7	3.35	56149.65	56141.60938	56142.95199	56135.56250	504978.2	5408582.8
L4980.0	504978.2	5408581.3	10400.20020	288.72	80.22	48.830190	-86.932169	56146.19	56246.7	3.35	56149.54	56141.53516	56143.52232	56136.19531	504978.2	5408581.3
L4980.0	504978.2	5408579.6	10400.40039	288.04	78.97	48.830175	-86.932169	56146.68	56246.7	3.35	56150.03	56142.05859	56143.76055	56136.49609	504978.2	5408579.6
L4980.0	504978.2	5408578.6	10400.50000	288.76	78.97	48.830166	-86.932169	56147.04	56246.7	3.35	56150.39	56142.45313	56143.94310	56136.74219	504978.2	5408578.6
L4980.0	504978.2	5408577.2	10400.59961	286.27	81.28	48.830153	-86.932169	56146.97	56246.7	3.35	56150.32	56142.42188	56143.94916	56136.80859	504978.2	5408577.2
L4980.0	504978.2	5408576.1	10400.70020	284.76	81.88	48.830143	-86.932169	56146.73	56246.7	3.35	56150.08	56142.21484	56143.89073	56136.81250	504978.2	5408576.1
L4980.0	504978.2	5408574.6	10400.79981	283.31	81.88	48.830130	-86.932169	56146.75	56246.7	3.35	56150.10	56142.26953	56143.94424	56136.92578	504978.2	5408574.6
L4980.0	504978.2	5408574.6	10400.90039	283.81	82.75	48.830130	-86.932169	56146.97	56246.7	3.35	56150.32	56142.52734	56144.08410	56137.12500	504978.2	5408574.6
L4980.0	504978.2	5408573.1	10401.00000	282.59	83.58	48.830116	-86.932169	56147.32	56246.7	3.35	56150.67	56142.91406	56144.28221	56137.38281	504978.2	5408573.1
L4980.0	504978.2	5408571.7	10401.09961	282.52	83.58	48.830103	-86.932169	56146.77	56246.7	3.35	56150.12	56142.39844	56144.12055	56137.28125	504978.2	5408571.7
L4980.0	504978.2	5408570.3	10401.20020	285.83	83.48	48.830091	-86.932169	56147.08	56246.7	3.35	56150.43	56142.74219	56144.31425	56137.53125	504978.2	5408570.3
L4980.0	504978.2	5408569.1	10401.20020	285.83	84.48	48.830080	-86.932169	56147.36	56246.7	3.35	56150.71	56143.05859	56144.50242	56137.77734	504978.2	5408569.1
L4980.0	504978.2	5408567.4	10401.29981	288.13	84.15	48.830065	-86.932169	56146.81	56246.7	3.35	56150.15	56142.53516	56144.35035	56137.68359	504978.2	5408567.4
L4980.0	504978.2	5408567.4	10401.50000	290.05	84.15	48.830065	-86.932169	56147.38	56246.7	3.35	56150.73	56143.14844	56144.67872	56138.06641	504978.2	5408567.4
L4980.0	504978.2	5408565.9	10401.59961	290.17	83.85	48.830052	-86.932169	56147.95	56246.7	3.35	56151.29	56143.74219	56145.01860	56138.46094	504978.2	5408565.9
L4980.0	504978.2	5408564.5	10401.70020	290.12	86.32	48.830039	-86.932169	56147.66	56246.7	3.35	56151.01	56143.49609	56144.66514	56138.16016	504978.2	5408564.5
L4980.0	504978.2	5408563.1	10401.79981	288.91	86.32	48.830026	-86.932169	56148.32	56246.7	3.35	56151.67	56144.19141	56144.63935	56138.18750	504978.2	5408563.1
L4980.0	504978.2	5408563.1	10401.90039	291.06	83.15	48.830026	-86.932169	56148.19	56246.7	3.35	56151.54	56144.09766	56144.85308	56138.45313	504978.2	5408563.1
L4980.0	504978.2	5408561.6	10402.00000	291.48	81.95	48.830013	-86.932169	56147.89	56246.7	3.35	56151.24	56143.82813	56145.08989	56138.74219	504978.2	5408561.6
L4980.0	504978.2	5408560.2	10402.09961	288.94	81.95	48.830000	-86.932169	56147.79	56246.7	3.35	56151.14	56143.76172	56145.24848	56138.94922	504978.2	5408560.2
L4980.0	504978.2	5408558.8	10402.20020	289.92	82.86	48.829988	-86.932169	56148.32	56246.7	3.35	56151.67	56144.32813	56145.24760	56138.99609	504978.2	5408558.8
L4980.0	504978.2	5408557.2	10402.29981	288.02	82.81	48.829973	-86.932169	56147.66	56246.7	3.35	56151.01	56143.69922	56145.47146	56139.26953	504978.2	5408557.2
L4980.0	504978.2	5408556.2	10402.40039	289.19	83.52	48.829964	-86.932169	56148.12	56246.7	3.35	56151.47	56144.19141	56145.44413	56139.28906	504978.2	5408556.2
L4980.0	504978.2	5408556.2	10402.50000	290.19	83.52	48.829964	-86.932169	56147.77	56246.7	3.35	56151.12	56143.87500	56145.53172	56139.42188	504978.2	5408556.2
L4980.0	504978.2	5408554.5	10402.59961	289.31	85.47	48.829949	-86.932169	56147.94	56246.7	3.35	56151.29	56144.07422	56145.49097	56139.42188	504978.2	5408554.5
L4980.0	504978.2	5408553.1	10402.70020	287.33	72.94	48.829936	-86.932169	56148.16	56246.7	3.35	56151.51	56144.32422	56145.40341	56139.37891	504978.2	5408553.1
L4980.0	504978.2	5408552.4	10402.79981	286.83	74.77	48.829930	-86.932169	56147.68	56246.7	3.35	56151.03	56143.87500	56145.40452	56139.42188	504978.2	5408552.4
L4980.0	504978.2	5408550.9	10402.90039	287.57	74.77	48.829917	-86.932169	56147.79	56246.7	3.35	56151.14	56144.01563	56145.27712	56139.33203	504978.2	5408550.9
L4980.0	504978.2	5408549.6	10403.00000	288.06	81.24	48.829904	-86.932169	56147.96	56246.7	3.35	56151.31	56144.21484	56145.11260	56139.20703	504978.2	5408549.6

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4980.0	504978.2	5408548.4	10403.09961	290.72	82.86	48.829894	-86.932169	56147.33	56246.6	3.35	56150.68	56143.61328	56145.09102	56139.22266	504978.2	5408548.4
L4980.0	504978.2	5408547.2	10403.20020	290.33	82.74	48.829883	-86.932169	56147.97	56246.6	3.35	56151.33	56144.29297	56144.78448	56138.95313	504978.2	5408547.2
L4980.0	504978.2	5408545.3	10403.20020	290.33	82.74	48.829866	-86.932170	56147.10	56246.6	3.35	56150.45	56143.44141	56144.80122	56139.00391	504978.2	5408545.3
L4980.0	504978.2	5408545.3	10403.40039	287.38	82.41	48.829866	-86.932170	56147.34	56246.6	3.36	56150.70	56143.71875	56144.54545	56138.78125	504978.2	5408545.3
L4980.0	504978.2	5408544.2	10403.50000	285.84	77.58	48.829856	-86.932170	56147.73	56246.6	3.36	56151.09	56144.13281	56144.22935	56138.49609	504978.2	5408544.2
L4980.0	504978.2	5408542.6	10403.59961	286.13	77.58	48.829842	-86.932170	56146.92	56246.6	3.36	56150.28	56143.35156	56144.21110	56138.50781	504978.2	5408542.6
L4980.0	504978.1	5408541.0	10403.70020	285.49	77.08	48.829827	-86.932170	56147.39	56246.6	3.36	56150.75	56143.84375	56143.83224	56138.16016	504978.1	5408541.0
L4980.0	504978.1	5408541.0	10403.79981	287.70	83.94	48.829827	-86.932170	56146.58	56246.6	3.37	56149.94	56143.05859	56143.80126	56138.15625	504978.1	5408541.0
L4980.0	504978.1	5408538.3	10403.90039	288.10	83.94	48.829803	-86.932170	56147.00	56246.6	3.37	56150.36	56143.50391	56143.39553	56137.77344	504978.1	5408538.3
L4980.0	504978.1	5408538.3	10404.00000	289.19	83.65	48.829803	-86.932170	56145.87	56246.6	3.37	56149.24	56142.40625	56143.44976	56137.85547	504978.1	5408538.3
L4980.0	504978.1	5408536.9	10404.09961	288.01	83.87	48.829790	-86.932170	56145.51	56246.6	3.37	56148.88	56142.07031	56143.26349	56137.69141	504978.1	5408536.9
L4980.0	504978.1	5408535.4	10404.20020	287.92	83.87	48.829777	-86.932170	56145.94	56246.6	3.37	56149.31	56142.52344	56142.80512	56137.25391	504978.1	5408535.4
L4980.0	504978.1	5408533.7	10404.29981	287.94	82.61	48.829762	-86.932170	56145.69	56246.6	3.36	56149.05	56142.28516	56143.25774	56137.72656	504978.1	5408533.7
L4980.0	504978.1	5408533.7	10404.40039	285.28	82.06	48.829762	-86.932170	56144.78	56246.6	3.36	56148.14	56141.39453	56142.74385	56137.23047	504978.1	5408533.7
L4980.0	504978.1	5408531.9	10404.50000	285.44	82.06	48.829746	-86.932171	56144.90	56246.6	3.36	56148.26	56141.53516	56142.66246	56137.16406	504978.1	5408531.9
L4980.0	504978.1	5408530.4	10404.59961	284.78	82	48.829732	-86.932171	56144.60	56246.6	3.36	56147.96	56141.25391	56142.40149	56136.91797	504978.1	5408530.4
L4980.0	504978.1	5408528.8	10404.70020	285.99	83.58	48.829718	-86.932171	56143.70	56246.6	3.36	56147.05	56140.36328	56141.88687	56136.41797	504978.1	5408528.8
L4980.0	504978.1	5408528.8	10404.79981	287.91	83.58	48.829718	-86.932171	56144.15	56246.6	3.35	56147.51	56140.84375	56141.93294	56136.47656	504978.1	5408528.8
L4980.0	504978.1	5408527.6	10404.90039	287.79	83.8	48.829707	-86.932171	56143.45	56246.6	3.35	56146.81	56140.16016	56141.50163	56136.05469	504978.1	5408527.6
L4980.0	504978.0	5408526.3	10405.00000	288.44	71.38	48.829695	-86.932171	56142.68	56246.7	3.35	56146.03	56139.39844	56141.03791	56135.59766	504978.0	5408526.3
L4980.0	504978.0	5408524.9	10405.09961	287.72	72.72	48.829682	-86.932172	56143.21	56246.7	3.35	56146.56	56139.94531	56141.09684	56135.66406	504978.0	5408524.9
L4980.0	504978.0	5408523.4	10405.20020	287.09	72.72	48.829669	-86.932172	56142.03	56246.7	3.35	56145.38	56138.77734	56140.47093	56135.04297	504978.0	5408523.4
L4980.0	504978.0	5408522.1	10405.20020	287.09	77.11	48.829657	-86.932172	56142.14	56246.7	3.35	56145.49	56138.90234	56140.35403	56134.92969	504978.0	5408522.1
L4980.0	504978.0	5408522.1	10405.40039	286.74	86.79	48.829657	-86.932172	56141.96	56246.7	3.35	56145.31	56138.73828	56140.11838	56134.69922	504978.0	5408522.1
L4980.0	504978.0	5408520.6	10405.50000	286.16	86.79	48.829644	-86.932172	56141.24	56246.7	3.34	56144.58	56138.02344	56139.66631	56134.24609	504978.0	5408520.6
L4980.0	504978.0	5408518.9	10405.59961	289.23	86.14	48.829629	-86.932172	56140.88	56246.7	3.34	56144.22	56137.67578	56139.35540	56133.93359	504978.0	5408518.9
L4980.0	504978.0	5408518.9	10405.70020	290.28	84.96	48.829629	-86.932172	56140.84	56246.7	3.34	56144.18	56137.64844	56139.16327	56133.74219	504978.0	5408518.9
L4980.0	504978.0	5408516.3	10405.79981	288.32	84.96	48.829605	-86.932172	56139.92	56246.7	3.34	56143.26	56136.73828	56138.63595	56133.21094	504978.0	5408516.3
L4980.0	504978.0	5408516.3	10405.90039	286.37	83.47	48.829605	-86.932172	56139.44	56246.7	3.34	56142.78	56136.26953	56138.27482	56132.84375	504978.0	5408516.3
L4980.0	504978.0	5408514.6	10406.00000	286.11	83.47	48.829590	-86.932172	56139.45	56246.7	3.34	56142.78	56136.28125	56138.09083	56132.65234	504978.0	5408514.6
L4980.0	504978.0	5408513.1	10406.09961	285.18	84.02	48.829576	-86.932172	56138.88	56246.7	3.34	56142.22	56135.73047	56137.69914	56132.25391	504978.0	5408513.1
L4980.0	504978.0	5408511.4	10406.20020	284.68	84.07	48.829561	-86.932172	56138.61	56246.7	3.35	56141.96	56135.48047	56137.41770	56131.96094	504978.0	5408511.4
L4980.0	504978.0	5408511.4	10406.29981	283.76	85.55	48.829561	-86.932172	56138.20	56246.6	3.35	56141.55	56135.08203	56137.08204	56131.61328	504978.0	5408511.4
L4980.0	504978.0	5408510.0	10406.40039	285.24	85.55	48.829548	-86.932172	56137.39	56246.6	3.36	56140.75	56134.28906	56136.60699	56131.12500	504978.0	5408510.0
L4980.0	504978.0	5408508.2	10406.50000	287.20	87.34	48.829533	-86.932172	56137.12	56246.6	3.36	56140.48	56134.02734	56136.32316	56130.82813	504978.0	5408508.2
L4980.0	504978.1	5408506.6	10406.59961	287.97	87.34	48.829518	-86.932172	56137.14	56246.6	3.36	56140.50	56134.05469	56136.14263	56130.63281	504978.1	5408506.6
L4980.0	504978.1	5408506.6	10406.70020	286.92	86.31	48.829518	-86.932172	56136.78	56246.6	3.37	56140.15	56133.71094	56135.83045	56130.30078	504978.1	5408506.6
L4980.0	504978.1	5408505.1	10406.79981	287.03	86.31	48.829505	-86.932171	56136.81	56246.6	3.37	56140.18	56133.74609	56135.65337	56130.10547	504978.1	5408505.1
L4980.0	504978.1	5408503.8	10406.90039	284.44	85.86	48.829493	-86.932171	56135.65	56246.6	3.38	56139.03	56132.60547	56135.05945	56129.49219	504978.1	5408503.8
L4980.0	504978.1	5408503.8	10407.00000	285.72	84.38	48.829493	-86.932171	56134.51	56246.6	3.38	56137.89	56131.46875	56134.47003	56128.88281	504978.1	5408503.8
L4980.0	504978.1	5408501.7	10407.09961	286.14	88.12	48.829474	-86.932171	56134.71	56246.6	3.38	56138.09	56131.67578	56134.35445	56128.74609	504978.1	5408501.7
L4980.0	504978.1	5408500.3	10407.20020	286.29	88.12	48.829461	-86.932171	56134.16	56246.6	3.37	56137.53	56131.11719	56133.97058	56128.33594	504978.1	5408500.3
L4980.0	504978.1	5408499.3	10407.20020	286.29	88.54	48.829452	-86.932171	56133.32	56246.6	3.37	56136.69	56130.28125	56133.48747	56127.82813	504978.1	5408499.3
L4980.0	504978.1	5408497.4	10407.40039	285.43	88.54	48.829435	-86.932171	56132.41	56246.6	3.37	56135.78	56129.37500	56132.97886	56127.29297	504978.1	5408497.4
L4980.0	504978.1	5408496.2	10407.50000	288.87	91.44	48.829425	-86.932171	56133.29	56246.6	3.36	56136.65	56130.25000	56133.10280	56127.39063	504978.1	5408496.2
L4980.0	504978.1	5408496.2	10407.59961	287.12	92.9	48.829425	-86.932171	56132.23	56246.6	3.36	56135.60	56129.20313	56132.54342	56126.80078	504978.1	5408496.2
L4980.0	504978.1	5408495.0	10407.70020	286.43	91.22	48.829414	-86.932172	56131.83	56246.6	3.36	56135.19	56128.79688	56132.21129	56126.44141	504978.1	5408495.0
L4980.0	504978.0	5408493.6	10407.79981	285.26	91.22	48.829401	-86.932172	56131.45	56246.6	3.36	56134.80	56128.40625	56131.88555	56126.08203	504978.0	5408493.6
L4980.0	504978.0	5408491.9	10407.90039	287.16	91.99	48.829386	-86.932172	56130.33	56246.6	3.35	56133.68	56127.28906	56131.29677	56125.46094	504978.0	5408491.9
L4980.0	504978.0	5408491.9	10408.00000	288.99	91.87	48.829386	-86.932172	56129.98	56246.7	3.35	56133.33	56126.94141	56130.98305	56125.11719	504978.0	5408491.9
L4980.0	504978.0	5408490.3	10408.09961	289.22	92.41	48.829371	-86.932172	56129.49	56246.7	3.35	56132.84	56126.45313	56130.61788	56124.71484	504978.0	5408490.3
L4980.0	504978.0	5408488.8	10408.20020	289.22	92.41	48.829358	-86.932172	56129.38	56246.7	3.35	56132.72	56126.33203	56130.38413	56124.44922	504978.0	5408488.8
L4980.0	504978.0	5408487.8	10408.29981	286.91	90.16	48.829348	-86.932172	56129.25	56246.7	3.34	56132.59	56126.20313	56130.14476	56124.17188	504978.0	5408487.8
L4980.0	504978.0	5408486.6	10408.40039	287.43	90.43	48.829338	-86.932172	56128.92	56246.7	3.34	56132.26	56125.87500	56129.83173	56123.82422	504978.0	5408486.6
L4980.0	504978.0	5408485.4	10408.50000	285.58	88.01	48.829327	-86.932173	56128.18	56246.7	3.34	56131.52	56125.13672	56129.37218	56123.32422	504978.0	5408485.4
L4980.0	504978.0	5408484.0	10408.59961	282.97	88.79	48.829315	-86.932172	56128.18	56246.7	3.34	56131.52	56125.13672	56129.17128	56123.08594	504978.0	5408484.0
L4980.0	504978.0	5408482.5	10408.70020	283.01	88.79	48.829301	-86.932172	56127.84	56246.7	3.34	56131.18	56124.79688	56128.84881	56122.72266	504978.0	5408482.5
L4980.0	504978.0	5408480.9	10408.79981	285.85	89.72	48.829286	-86.932172	56126.94	56246.7	3.33	56130.27	56123.88672	56128.33190	56122.16797	504978.0	5408480.9
L4980.0	504978.0	5408480.9	10408.90039	286.45	90.91	48.829286	-86.932172	56127.28	56246.7	3.33	56130.61	56124.22656	56128.23628	56122.03125	504978.0	5408480.9
L4980.0	504978.0	5408479.4	10409.00000	286.70	90.91	48.829273	-86.932172	56125.63	56246.7	3.33	56128.96	56122.57813	56127.48383	56121.23438	504978.0	5408479.4
L4980.0	504978.0	5408478.4	10409.09961	287.09	91.56	48.829264	-86.932172	56126.13	56246.7	3.33	56129.46	56123.07813	56127.43493	56121.14453	504978.0	5408478.4
L4980.0	504978.0	5408476.5	10409.20020	286.02	91.56	48.829247	-86.932172	56125.34	56246.7	3.32	56128.66	56122.27734	56126.97227	56120.64063	504978.0	5408476.5
L4980.0	504978.0	5408476.5	10409.20020	286.02	92.82	48.829247	-86.932172	56125.43	56246.7	3.32	56128.75	56122.36719	56126.79001	56120.41406	504978.0	5408476.5
L4980.0	504978.0	5408474.1	10409.40039	283.94	92.82	48.829226	-86.932172	56124.74	56246.7	3.32	56128.06	56121.67578	56126.37430	56119.95313	504978.0	5408474.1
L4980.0	504978.0	5408474.1	10409.50000	285.61	91.37	48.829226	-86.932172	56124.06	56246.7	3.32	56127.38	56120.99609	56125.97072	56119.50781	504978.0	5408474.1
L4980.0	504978.0	5408472.5	10409.59961	286.37	90.6	48.829211	-86.932172	56123.86	56246.7	3.31	56127.17	56120.78516	56125.71244	56119.20313	504978.0	5408472.5
L4980.0	504978.1	5408471.0	10409.70020	287.00	91.28	48.829198	-86.932172	56123.20	56246.7	3.31	56126.51	56120.12500	56125.32937	56118.77344	504978.1	5408471.0
L4980.0	504978.1	5408469.8	10409.79981	285.33	91.28	48.829187	-86.932172	56123.05	56246.7	3.31	56126.36	56119.97656	56125.10039	56118.50000	504978.1	5408469.8
L4980.0	504978.1	5408468.1	10409.90039	284.35	92.43	48.829172	-86.932172	56123.31	56246.7	3.30	56126.61	56120.22656	56124.99596	56118.35156	504978.1	5408468.1
L4980.0	504978.1	5408466.9	10410.00000	283.60	95.64	48.829161	-86.932172	56122.85	56246.7	3.30	56126.15	56119.76563	56124.68857	56117.99609	504978.1	5408466.9
L4980.0	504978.1	5408466.0	10410.09961	283.83	95.64	48.829152	-86.932172	56123.00	56246.7	3.30	56126.30	56119.91797	56124.57327	56117.83594	504978.1	5408466.0
L4980.0	504978.1	5408466.0	10410.20020	282.25	92.91	48.829152	-86.932172	56122.42	56246.7	3.30	56125.72	56119.33984	56124.23594	56117.45313	504978.1	5408466.0
L4980.0	504978.1	5408464.5	10410.29981	283.40	88.63	48.829139	-86.932171	56121.82	56246.7	3.31	56125.12	56118.73828	56123.88852	56117.05859	504978.1	5408464.5
L4980.0	504978.1	5408463.1	10410.40039	283.50	88.63	48.829126	-86.932171	56121.58	56246.7	3.31	56124.89	56118.51172	56123.66144	56116.78516	504978.1	5408463.1
L4980.0	504978.1	5408461.6	10410.50000	283.24	87.72	48.829113	-86.932171	56120.34	56246.7	3.31	56123.65	56117.27344	56123.08545	56116.16406	504978.1	5408461.6
L4980.0	504978.2	5408460.2	10410.59961	284.65	96.45	48.829100	-86.932170	56120.32	56246.7	3.31	56123.63	56117.25391	56122.92695	56115.95703	504978.2	5408460.2
L4980.0	504978.2	5408459.2	10410.70020	284.18	93.73	48.829091	-86.932170	56120.47	56246.7	3.31	56123.78	56117.40625	56122.83508	56115.82031	504978.2	5408459.2
L4980.0	504978.2	5408457.5	10410.79981	288.53	93.73	48.829077	-86.932170	56120.41	56246.7	3.32	56123.73	56117.35938	56122.67621	56115.61328	504978.2	5408457.5
L4980.0	504978.2	5408456.1	10410.90039	288.32	91.53	48.829064	-86.932170	56120.27	56246.7	3.32	56123.58	56117.21094	56122.48324	56115.37500	504978.2	5408456.1
L4980.0	504978.2	5408456.1	10411.00000	289.74	90.99	48.829064	-86.932170	56120.12	56246.7	3.32	56123.44	56117.07422	56122.29647	56115.14453	504978.2	5408456.1
L4980.0	504978.3	5408454.8	10411.09961	290.33	94	48.829052	-86.932169	56119.91	56246.7	3.32	56123.23	56116.86719	56122.08484	56114.88672	504978.3	5408454.8
L4980.0	504978.3	5408453.0	10411.20020	293.39	94	48.829036	-86.932169	56119.46	56246.7	3.32	56122.78	56116.42188	56121.77908	56114.53516	504978.3	5408453.0
L4980.0	504978.3	5408451.6	10411.20020	293.39	83.78	48.829023	-86.932169	56118.64	56246.7	3.32	56121.96	56115.60547	56121.32192	56114.03125	504978.3	5408451.6
L4980.0	504978.3	5408451.6	10411.29981	293.47	83.97	48.829023	-86.932169	56118.14	56246.7	3.31	56121.46	56115.11328	56120.99001	56113.65625	504978.3	5408451.6
L4980.0	504978.3	5408450.1	10411.50000	290.90	84.25	48.829010	-86.932169	56117.88	56246.7	3.31	56121.19	56114.84766	56120.75167	56113.37500	504978.3	5408450.1
L4980.0	504978.3	5408448.2	10411.59961	288.28	84.25	48.828992	-86.932168	56117.56	56246.7	3.31	56120.87	56114.53125	56120.49294	56113.07031	504978.3	5408448.2
L4980.0	504978.3	5408448.2	10411.70020	285.72	84.34	48.828992	-86.932168	56117.94	56246.7	3.31	56121.25	56114.91797	56120.52982	56113.06641	504978.3	5408448.2
L4980.0	504978.3	5408447.0	10411.79981	285.66	88.29	48.828982	-86.932168	56117.59	56246.7	3.30	56120.89	56114.56641	56120.25643	56112.75000	504978.3	5408447.0
L4980.0	504978.4	5408445.5	10411.90039	283.68	93.26	48.828969	-86.932168	56117.41	56246.7	3.30	56120.71	56114.39453	56120.05946	56112.51172	504978.4	5408445.5
L4980.0	504978.4	5408443.7	10412.00000	285.14	93.26	48.828952	-86.932168	56117.21	56246.7	3.30	56120.51	56114.20313	56119.85422	56112.26563	504978.4	5408443.7
L4980.0	504978.4	5408442.3	10412.09961	283.52	93.72	48.828939	-86.932168	56117.13	56246.7	3.30	56120.43	56114.12891	56119.70020	56112.07031	504978.4	5408442.3
L4980.0	504978.4	5408441.5	10412.20020	286.08	94.69	48.828933	-86.932168	56117.00	56246.7	3.30	56120.30	56114.00781	56119.52522	56111.85547	504978.4	5408441.5
L4980.0	504978.4	5408440.1	10412.29981	286.67	96.35	48.828919	-86.932168	56116.70	56246.7	3.30	56120.00	56113.71875	56119.27908	56111.57031	504978.4	5408440.1

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4980.0	504978.4	5408440.1	10412.40039	287.43	96.35	48.828919	-86.932168	56116.52	56246.7	3.30	56119.82	56113.55078	56119.08444	56111.33984	504978.4	5408440.1
L4980.0	504978.4	5408438.6	10412.50000	289.15	96.58	48.828907	-86.932168	56115.11	56246.7	3.29	56118.40	56112.14063	56118.37655	56110.59375	504978.4	5408438.6
L4980.0	504978.4	5408437.3	10412.59961	287.87	96.58	48.828894	-86.932168	56115.59	56246.7	3.29	56118.88	56112.63281	56118.46032	56110.64063	504978.4	5408437.3
L4980.0	504978.4	5408435.6	10412.70020	290.64	94.66	48.828879	-86.932168	56116.17	56246.7	3.29	56119.46	56113.22656	56118.58476	56110.73047	504978.4	5408435.6
L4980.0	504978.4	5408434.6	10412.79981	289.49	94.46	48.828871	-86.932168	56116.17	56246.7	3.29	56119.46	56113.23828	56118.47175	56110.58594	504978.4	5408434.6
L4980.0	504978.4	5408433.2	10412.90039	288.19	97.02	48.828858	-86.932167	56115.59	56246.7	3.29	56118.88	56112.67188	56118.12225	56110.20313	504978.4	5408433.2
L4980.0	504978.4	5408433.2	10413.00000	288.05	97.57	48.828858	-86.932167	56115.72	56246.7	3.29	56119.01	56112.82031	56118.06685	56110.11328	504978.4	5408433.2
L4980.0	504978.4	5408431.8	10413.09961	289.06	98.31	48.828845	-86.932167	56114.12	56246.7	3.29	56117.41	56111.23438	56117.29933	56109.31641	504978.4	5408431.8
L4980.0	504978.4	5408430.2	10413.20020	287.53	98.31	48.828831	-86.932167	56114.62	56246.7	3.29	56117.91	56111.75000	56117.39868	56109.38672	504978.4	5408430.2
L4980.0	504978.4	5408429.4	10413.20020	287.53	99.23	48.828824	-86.932167	56114.55	56246.7	3.29	56117.84	56111.69922	56117.26274	56109.22266	504978.4	5408429.4
L4980.0	504978.4	5408428.1	10413.40039	287.97	98.41	48.828811	-86.932167	56114.30	56246.7	3.29	56117.58	56111.45703	56117.04786	56108.98047	504978.4	5408428.1
L4980.0	504978.4	5408426.2	10413.50000	287.78	98.41	48.828794	-86.932167	56113.90	56246.7	3.29	56117.18	56111.07422	56116.77523	56108.67969	504978.4	5408426.2
L4980.0	504978.4	5408426.2	10413.59961	288.26	98.63	48.828794	-86.932167	56114.77	56246.7	3.28	56118.05	56111.96484	56117.01883	56108.89844	504978.4	5408426.2
L4980.0	504978.4	5408424.8	10413.70020	287.34	99.45	48.828782	-86.932167	56115.21	56246.7	3.28	56118.49	56112.42578	56117.07870	56108.93359	504978.4	5408424.8
L4980.0	504978.5	5408423.4	10413.79981	287.91	99.45	48.828769	-86.932167	56115.16	56246.7	3.28	56118.44	56112.39844	56116.93608	56108.76953	504978.5	5408423.4
L4980.0	504978.5	5408421.9	10413.90039	287.08	99.88	48.828756	-86.932167	56114.25	56246.7	3.28	56117.53	56111.51172	56116.45642	56108.26953	504978.5	5408421.9
L4980.0	504978.5	5408420.7	10414.00000	284.78	99.88	48.828745	-86.932167	56113.76	56246.7	3.28	56117.04	56111.04297	56116.14591	56107.94141	504978.5	5408420.7
L4980.0	504978.5	5408420.7	10414.09961	284.87	97.99	48.828745	-86.932167	56114.17	56246.7	3.28	56117.45	56111.48047	56116.17476	56107.95313	504978.5	5408420.7
L4980.0	504978.5	5408419.3	10414.20020	283.74	98.25	48.828732	-86.932167	56114.12	56246.7	3.27	56117.39	56111.44531	56116.02253	56107.78125	504978.5	5408419.3
L4980.0	504978.4	5408417.6	10414.29981	284.48	98.25	48.828718	-86.932167	56114.12	56246.7	3.27	56117.39	56111.47266	56115.88914	56107.63672	504978.4	5408417.6
L4980.0	504978.4	5408416.0	10414.40039	284.30	99.25	48.828702	-86.932167	56113.64	56246.7	3.27	56116.91	56111.01953	56115.58450	56107.31641	504978.4	5408416.0
L4980.0	504978.4	5408414.5	10414.50000	285.96	102.61	48.828689	-86.932168	56113.29	56246.7	3.26	56116.55	56110.68750	56115.32477	56107.04688	504978.4	5408414.5
L4980.0	504978.4	5408414.5	10414.59961	286.70	102.61	48.828689	-86.932168	56113.41	56246.7	3.26	56116.67	56110.83594	56115.22820	56106.93750	504978.4	5408414.5
L4980.0	504978.4	5408413.1	10414.70020	286.01	102.91	48.828677	-86.932168	56113.14	56246.7	3.26	56116.40	56110.59766	56115.00087	56106.70313	504978.4	5408413.1
L4980.0	504978.4	5408411.4	10414.79981	287.20	103.63	48.828661	-86.932168	56112.68	56246.7	3.26	56115.93	56110.15625	56114.71202	56106.40625	504978.4	5408411.4
L4980.0	504978.4	5408410.0	10414.90039	289.09	105.89	48.828649	-86.932169	56112.40	56246.7	3.25	56115.65	56109.91016	56114.48809	56106.17578	504978.4	5408410.0
L4980.0	504978.4	5408410.0	10415.00000	287.33	105.7	48.828649	-86.932169	56112.20	56246.8	3.25	56115.45	56109.74219	56114.29202	56105.97656	504978.4	5408410.0
L4980.0	504978.3	5408408.5	10415.09961	286.44	106.3	48.828636	-86.932169	56112.04	56246.8	3.25	56115.29	56109.61719	56114.11087	56105.79297	504978.3	5408408.5
L4980.0	504978.3	5408406.9	10415.20020	283.93	106.3	48.828621	-86.932169	56112.58	56246.8	3.25	56115.83	56110.19531	56114.15418	56105.83594	504978.3	5408406.9
L4980.0	504978.3	5408405.4	10415.20020	283.93	105.52	48.828608	-86.932170	56112.07	56246.8	3.25	56115.32	56109.71875	56113.86868	56105.55078	504978.3	5408405.4
L4980.0	504978.3	5408405.4	10415.40039	285.66	105.52	48.828608	-86.932170	56111.46	56246.8	3.25	56114.71	56109.14844	56113.55109	56105.23828	504978.3	5408405.4
L4980.0	504978.3	5408404.0	10415.50000	282.47	107.12	48.828595	-86.932170	56110.96	56246.8	3.25	56114.20	56108.67578	56113.26349	56104.95703	504978.3	5408404.0
L4980.0	504978.2	5408402.7	10415.59961	282.01	107.12	48.828583	-86.932170	56110.55	56246.8	3.24	56113.79	56108.30859	56113.00623	56104.70313	504978.2	5408402.7
L4980.0	504978.2	5408401.1	10415.70020	282.88	107.13	48.828568	-86.932170	56110.40	56246.8	3.24	56113.64	56108.19922	56112.83596	56104.54297	504978.2	5408401.1
L4980.0	504978.2	5408400.0	10415.79981	284.03	107.18	48.828559	-86.932171	56110.64	56246.8	3.24	56113.88	56108.48047	56112.80432	56104.51953	504978.2	5408400.0
L4980.0	504978.2	5408398.6	10415.90039	283.86	107.18	48.828546	-86.932171	56110.40	56246.8	3.24	56113.64	56108.28516	56112.60426	56104.33203	504978.2	5408398.6
L4980.0	504978.2	5408398.6	10416.00000	286.20	107.82	48.828546	-86.932171	56110.48	56246.8	3.24	56113.72	56108.40625	56112.51991	56104.26172	504978.2	5408398.6
L4980.0	504978.2	5408396.9	10416.09961	285.82	107.84	48.828531	-86.932171	56110.96	56246.8	3.24	56114.19	56108.92188	56112.58248	56104.33984	504978.2	5408396.9
L4980.0	504978.1	5408395.5	10416.20020	289.11	107.84	48.828518	-86.932172	56110.38	56246.8	3.23	56113.61	56108.39063	56112.24928	56104.02344	504978.1	5408395.5
L4980.0	504978.1	5408393.9	10416.29981	290.64	108.49	48.828504	-86.932172	56109.72	56246.8	3.23	56112.95	56107.77734	56111.87891	56103.67188	504978.1	5408393.9
L4980.0	504978.1	5408392.8	10416.40039	288.49	109.22	48.828494	-86.932172	56109.24	56246.8	3.22	56112.46	56107.33594	56111.56852	56103.37891	504978.1	5408392.8
L4980.0	504978.1	5408391.0	10416.50000	288.96	109.22	48.828478	-86.932173	56109.16	56246.8	3.22	56112.38	56107.30469	56111.41309	56103.24609	504978.1	5408391.0
L4980.0	504978.1	5408391.0	10416.59961	288.77	109.38	48.828478	-86.932173	56109.46	56246.8	3.22	56112.68	56107.65625	56111.40228	56103.26172	504978.1	5408391.0
L4980.0	504978.0	5408389.6	10416.70020	290.15	109.61	48.828465	-86.932173	56109.90	56246.8	3.21	56113.11	56108.14063	56111.43838	56103.32031	504978.0	5408389.6
L4980.0	504978.0	5408388.2	10416.79981	289.78	109.61	48.828452	-86.932174	56108.90	56246.8	3.21	56112.11	56107.19141	56110.91826	56102.82813	504978.0	5408388.2
L4980.0	504978.0	5408388.2	10416.90039	290.60	108.89	48.828452	-86.932174	56108.78	56246.8	3.20	56111.99	56107.12500	56110.73520	56102.67578	504978.0	5408388.2
L4980.0	504977.9	5408386.5	10417.00000	288.71	108.89	48.828437	-86.932175	56109.88	56246.8	3.20	56113.07	56108.26172	56111.00513	56102.97656	504977.9	5408386.5
L4980.0	504977.9	5408385.3	10417.09961	284.49	106.31	48.828426	-86.932175	56108.86	56246.8	3.20	56112.06	56107.30859	56110.47516	56102.48047	504977.9	5408385.3
L4980.0	504977.9	5408383.6	10417.20020	286.61	106.8	48.828411	-86.932176	56108.33	56246.8	3.20	56111.53	56106.83594	56110.12645	56102.16406	504977.9	5408383.6
L4980.0	504977.8	5408382.1	10417.20020	286.61	106.8	48.828398	-86.932176	56108.02	56246.8	3.20	56111.22	56106.58594	56109.85737	56101.93359	504977.8	5408382.1
L4980.0	504977.8	5408381.1	10417.40039	284.04	110.4	48.828389	-86.932177	56109.02	56246.8	3.20	56112.22	56107.64453	56110.05839	56102.17188	504977.8	5408381.1
L4980.0	504977.7	5408379.7	10417.50000	281.36	110.44	48.828376	-86.932177	56106.64	56246.8	3.20	56109.85	56105.33594	56109.04324	56101.19531	504977.7	5408379.7
L4980.0	504977.7	5408379.7	10417.59961	281.45	111.38	48.828376	-86.932177	56107.67	56246.8	3.21	56110.87	56106.42188	56109.23069	56101.42578	504977.7	5408379.7
L4980.0	504977.7	5408378.3	10417.70020	283.32	105.6	48.828364	-86.932178	56108.13	56246.8	3.21	56111.33	56106.94531	56109.20427	56101.44141	504977.7	5408378.3
L4980.0	504977.7	5408376.8	10417.79981	284.58	105.6	48.828350	-86.932178	56106.31	56246.8	3.21	56109.52	56105.19922	56108.41765	56100.69922	504977.7	5408376.8
L4980.0	504977.6	5408375.4	10417.90039	286.38	111.2	48.828337	-86.932179	56106.64	56246.8	3.21	56109.85	56105.59375	56108.33907	56100.66797	504977.6	5408375.4
L4980.0	504977.6	5408373.7	10418.00000	284.28	113.4	48.828322	-86.932179	56106.11	56246.8	3.21	56109.32	56105.13281	56107.98130	56100.35547	504977.6	5408373.7
L4980.0	504977.6	5408372.4	10418.09961	286.78	113.4	48.828311	-86.932180	56106.50	56246.8	3.21	56109.71	56105.58984	56107.90243	56100.32813	504977.6	5408372.4
L4980.0	504977.6	5408371.2	10418.20020	286.60	111.5	48.828300	-86.932180	56106.16	56246.8	3.21	56109.37	56105.32031	56107.59785	56100.07422	504977.6	5408371.2
L4980.0	504977.6	5408371.2	10418.29981	286.86	108.93	48.828300	-86.932180	56105.49	56246.8	3.22	56108.71	56104.73047	56107.20317	56099.73047	504977.6	5408371.2
L4980.0	504977.5	5408369.7	10418.40039	286.82	108.93	48.828286	-86.932180	56105.77	56246.8	3.22	56108.99	56105.08203	56107.07392	56099.65625	504977.5	5408369.7
L4980.0	504977.5	5408368.6	10418.50000	285.21	109.35	48.828276	-86.932180	56104.92	56246.8	3.22	56108.14	56104.30469	56106.63340	56099.26953	504977.5	5408368.6
L4980.0	504977.5	5408367.1	10418.59961	286.16	111.31	48.828263	-86.932180	56106.02	56246.8	3.22	56109.24	56105.47656	56106.71775	56099.41406	504977.5	5408367.1
L4980.0	504977.5	5408366.1	10418.70020	285.09	111.31	48.828254	-86.932181	56104.01	56246.8	3.22	56107.23	56103.54297	56105.97662	56098.73047	504977.5	5408366.1
L4980.0	504977.5	5408364.6	10418.79981	286.52	110.74	48.828241	-86.932181	56103.22	56246.8	3.23	56106.45	56102.83594	56105.56447	56098.37891	504977.5	5408364.6
L4980.0	504977.5	5408364.6	10418.90039	286.69	104.05	48.828241	-86.932181	56103.04	56246.8	3.23	56106.27	56102.73438	56105.30908	56098.18359	504977.5	5408364.6
L4980.0	504977.5	5408362.7	10419.00000	287.08	105.03	48.828224	-86.932181	56103.55	56246.8	3.23	56106.78	56103.32422	56105.23433	56098.17188	504977.5	5408362.7
L4980.0	504977.5	5408361.3	10419.09961	286.32	105.03	48.828210	-86.932181	56102.79	56246.8	3.24	56106.02	56102.64063	56104.82482	56097.82813	504977.5	5408361.3
L4980.0	504977.5	5408358.4	10419.20020	283.12	113.43	48.828184	-86.932181	56102.84	56246.8	3.24	56106.08	56102.78125	56104.63212	56097.69922	504977.5	5408358.4
L4980.0	504977.5	5408358.4	10419.20020	283.12	113.43	48.828184	-86.932181	56103.40	56246.8	3.24	56106.64	56103.42188	56104.57850	56097.71094	504977.5	5408358.4
L4980.0	504977.5	5408357.4	10419.40039	282.75	114.16	48.828175	-86.932180	56102.18	56246.8	3.25	56105.43	56102.29688	56104.04170	56097.24219	504977.5	5408357.4
L4980.0	504977.5	5408355.8	10419.50000	281.98	114.16	48.828161	-86.932180	56101.68	56246.7	3.26	56104.93	56101.87891	56103.69607	56096.96875	504977.5	5408355.8
L4980.0	504977.5	5408355.8	10419.59961	281.99	114.92	48.828161	-86.932180	56101.58	56246.7	3.26	56104.84	56101.87109	56103.46789	56096.80859	504977.5	5408355.8
L4980.0	504977.6	5408354.0	10419.70020	282.01	115.15	48.828145	-86.932180	56101.19	56246.7	3.26	56104.46	56101.57813	56103.15556	56096.57031	504977.6	5408354.0
L4980.0	504977.6	5408352.5	10419.79981	286.08	112.46	48.828132	-86.932180	56101.68	56246.7	3.27	56104.95	56102.15234	56103.11653	56096.60156	504977.6	5408352.5
L4980.0	504977.6	5408352.5	10419.90039	285.65	112.46	48.828132	-86.932180	56100.14	56246.7	3.28	56103.41	56100.70313	56102.43084	56095.99219	504977.6	5408352.5
L4980.0	504977.6	5408350.8	10420.00000	286.68	102.05	48.828117	-86.932180	56099.50	56246.7	3.28	56102.78	56100.16016	56102.02358	56095.66016	504977.6	5408350.8
L4980.0	504977.6	5408349.4	10420.09961	289.60	104.9	48.828104	-86.932180	56099.30	56246.7	3.28	56102.57	56100.03906	56101.75631	56095.46875	504977.6	5408349.4
L4980.0	504977.6	5408348.1	10420.20020	291.99	104.9	48.828092	-86.932180	56100.01	56246.7	3.27	56103.28	56100.83984	56101.83452	56095.62500	504977.6	5408348.1
L4980.0	504977.6	5408346.5	10420.29981	290.99	109.53	48.828077	-86.932180	56099.30	56246.7	3.27	56102.56	56100.21094	56101.38795	56095.25391	504977.6	5408346.5
L4980.0	504977.6	5408346.5	10420.40039	288.33	114.07	48.828077	-86.932180	56098.82	56246.7	3.26	56102.08	56099.82422	56101.02410	56094.96875	504977.6	5408346.5
L4980.0	504977.6	5408344.6	10420.50000	288.67	114.07	48.828060	-86.932180	56098.04	56246.7	3.26	56101.29	56099.12500	56100.52212	56094.54688	504977.6	5408344.6
L4980.0	504977.6	5408343.1	10420.59961	289.09	116.55	48.828047	-86.932180	56097.72	56246.7	3.26	56100.98	56098.91016	56100.16902	56094.27734	504977.6	5408343.1
L4980.0	504977.6	5408341.9	10420.70020	288.73	115.98	48.828036	-86.932180	56098.46	56246.7	3.25	56101.72	56099.74219	56099.50785	56093.69531	504977.6	5408341.9
L4980.0	504977.6	5408341.0	10420.79981	289.69	115.69	48.828028	-86.932179	56097.07	56246.8	3.25	56100.32	56098.43750	56099.43407	56093.70313	504977.6	5408341.0
L4980.0	504977.6	5408339.7	10420.90039	289.06	116.33	48.828017	-86.932180	56096.26	56246.8	3.24	56099.50	56097.71484	56099.16585	56093.51953	504977.6	5408339.7
L4980.0	504977.6	5408338.3	10421.00000	289.73	116.33	48.828004	-86.932179	56095.98	56246.8	3.24	56099.22	56097.53125	56098.76634	56093.20313	504977.6	5408338.3
L4980.0	504977.6	5408337.1	10421.09961	290.07	116.01	48.827993	-86.932179	56095.88	56246.8	3.24	56099.12	56097.53125	56098.33581	56092.85938	504977.6	5408337.1
L4980.0	504977.6	5408337.1	10421.20020	291.24	115.7	48.827993	-86.932179	56095.18	56246.8	3.25	56098.43	56096.94141	56098.00124	56092.60938	504977.6	5408337.1
L4980.0	504977.6	5408334.4	10421.20020	291.24	115.7	48.827969	-86.932179	56095.24	56246.8	3.25	56098.49	56097.10156	56097.54264	56092.23438	504977.6	5408334.4
L4980.0	504977.6	5408334.4	10421.29981	289.06	115.29	48.827969	-86.932179	56094.52	56246.7	3.25	56097.77	56096.48047	56097.19237	56091.97266	504977.6	5408334.4
L4980.0	504977.6	5408333.1	10421.50000	288.47	115.29	48.827957	-86.932179	56094.67	56246.7	3.26	56097.93	56096.74219	56096.70648	56091.57422	504977.6	5408333.1
L4980.0	504977.7	5408331.5	10421.59961	288.45	114.28	48.827943	-86.932179	56094.97	56246.7	3.26	56098.24	56097.15234	56096.18675	56091.14063	504977.7	5408331.5

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4980.0	504977.7	5408330.0	10421.70020	288.53	112.81	48.827930	-86.932179	56093.35	56246.7	3.27	56096.62	56095.63672	56095.93013	56090.97266	504977.7	5408330.0
L4980.0	504977.7	5408328.9	10421.79981	288.02	112.81	48.827919	-86.932179	56092.70	56246.7	3.27	56095.97	56095.08984	56095.52548	56090.65625	504977.7	5408328.9
L4980.0	504977.7	5408328.9	10421.90039	288.78	112.28	48.827919	-86.932179	56092.72	56246.7	3.28	56096.00	56095.22266	56095.00328	56090.22266	504977.7	5408328.9
L4980.0	504977.7	5408327.6	10422.00000	289.39	116.3	48.827908	-86.932179	56092.46	56246.7	3.28	56095.74	56095.06641	56094.50998	56089.81641	504977.7	5408327.6
L4980.0	504977.7	5408325.8	10422.09961	287.92	116.3	48.827891	-86.932179	56091.96	56246.7	3.28	56095.24	56094.67188	56094.04404	56089.44141	504977.7	5408325.8
L4980.0	504977.7	5408324.3	10422.20020	288.09	116.38	48.827878	-86.932179	56090.90	56246.7	3.28	56094.18	56093.71875	56093.67364	56089.16016	504977.7	5408324.3
L4980.0	504977.7	5408324.3	10422.29981	289.95	106.87	48.827878	-86.932179	56090.57	56246.7	3.28	56093.85	56093.49609	56093.16071	56088.73828	504977.7	5408324.3
L4980.0	504977.7	5408321.7	10422.40039	289.36	106.87	48.827854	-86.932179	56090.22	56246.7	3.28	56093.50	56093.25391	56092.64123	56088.30859	504977.7	5408321.7
L4980.0	504977.7	5408320.4	10422.50000	288.00	106.02	48.827843	-86.932179	56088.83	56246.7	3.28	56092.11	56091.97266	56092.34211	56088.09766	504977.7	5408320.4
L4980.0	504977.7	5408320.4	10422.59961	286.25	106.02	48.827843	-86.932179	56088.90	56246.7	3.28	56092.18	56092.14844	56091.72119	56087.56641	504977.7	5408320.4
L4980.0	504977.7	5408318.8	10422.70020	285.63	105.35	48.827829	-86.932178	56087.48	56246.7	3.28	56090.76	56090.83594	56091.44509	56087.38281	504977.7	5408318.8
L4980.0	504977.7	5408317.4	10422.79981	284.63	107.07	48.827816	-86.932178	56087.16	56246.7	3.28	56090.44	56090.62500	56090.90927	56086.93359	504977.7	5408317.4
L4980.0	504977.7	5408316.3	10422.90039	287.78	103.47	48.827806	-86.932178	56087.46	56246.7	3.28	56090.74	56091.03516	56090.20427	56086.32031	504977.7	5408316.3
L4980.0	504977.7	5408316.3	10423.00000	288.60	103.47	48.827806	-86.932178	56087.28	56246.7	3.28	56090.56	56090.96484	56089.60919	56085.81641	504977.7	5408316.3
L4980.0	504977.8	5408314.2	10423.09961	289.01	103.47	48.827787	-86.932178	56086.14	56246.7	3.28	56089.42	56089.93750	56089.27390	56085.57031	504977.8	5408314.2
L4980.0	504977.8	5408312.8	10423.20020	286.76	101.69	48.827775	-86.932177	56085.26	56246.7	3.28	56088.54	56089.16797	56088.86969	56085.25781	504977.8	5408312.8
L4980.0	504977.8	5408311.4	10423.20020	286.76	101.69	48.827762	-86.932177	56084.86	56246.7	3.28	56088.13	56088.86719	56088.32424	56084.80078	504977.8	5408311.4
L4980.0	504977.9	5408310.0	10423.29981	286.62	101.32	48.827749	-86.932177	56084.55	56246.7	3.28	56087.82	56088.67188	56087.73909	56084.30469	504977.9	5408310.0
L4980.0	504977.9	5408309.0	10423.50000	287.99	102.63	48.827740	-86.932176	56084.15	56246.7	3.27	56087.42	56088.38281	56087.17268	56083.82813	504977.9	5408309.0
L4980.0	504977.9	5408307.3	10423.59961	287.37	103.39	48.827725	-86.932176	56083.06	56246.7	3.27	56086.33	56087.40625	56086.82619	56083.57031	504977.9	5408307.3
L4980.0	504977.9	5408307.3	10423.70020	287.98	103.7	48.827725	-86.932176	56082.56	56246.7	3.27	56085.83	56087.01563	56086.32992	56083.16406	504977.9	5408307.3
L4980.0	504977.9	5408305.9	10423.79981	288.78	103.7	48.827712	-86.932176	56082.30	56246.7	3.27	56085.57	56086.87109	56085.94257	56082.86328	504977.9	5408305.9
L4980.0	504977.9	5408305.9	10423.90039	286.90	104.89	48.827712	-86.932176	56082.15	56246.7	3.27	56085.42	56086.83203	56085.59791	56082.60938	504977.9	5408305.9
L4980.0	504978.0	5408304.2	10424.00000	286.02	104.89	48.827697	-86.932175	56081.42	56246.7	3.27	56084.69	56086.21484	56085.00571	56082.10156	504978.0	5408304.2
L4980.0	504978.0	5408302.5	10424.09961	286.76	103.91	48.827682	-86.932175	56080.48	56246.7	3.27	56083.75	56085.38672	56084.32256	56081.50781	504978.0	5408302.5
L4980.0	504978.0	5408301.6	10424.20020	284.98	106.16	48.827674	-86.932175	56079.36	56246.7	3.28	56082.64	56084.39063	56083.56359	56080.83594	504978.0	5408301.6
L4980.0	504978.0	5408300.2	10424.29981	286.47	109.12	48.827661	-86.932174	56078.81	56246.7	3.28	56082.09	56083.95313	56083.03583	56080.39453	504978.0	5408300.2
L4980.0	504978.1	5408299.2	10424.40039	287.73	110.87	48.827652	-86.932174	56078.51	56246.7	3.28	56081.79	56083.76953	56082.37841	56079.82422	504978.1	5408299.2
L4980.0	504978.1	5408297.2	10424.50000	287.02	110.87	48.827634	-86.932174	56077.96	56246.7	3.29	56081.25	56083.33984	56081.77840	56079.30859	504978.1	5408297.2
L4980.0	504978.1	5408297.2	10424.59961	288.56	111.98	48.827634	-86.932174	56077.34	56246.7	3.29	56080.63	56082.83594	56081.20124	56078.81641	504978.1	5408297.2
L4980.0	504978.1	5408295.6	10424.70020	286.86	108.19	48.827620	-86.932174	56075.52	56246.7	3.29	56078.81	56081.12891	56080.97156	56078.67188	504978.1	5408295.6
L4980.0	504978.1	5408294.2	10424.79981	287.38	108.19	48.827607	-86.932173	56074.96	56246.7	3.29	56078.26	56080.69141	56080.35372	56078.13672	504978.1	5408294.2
L4980.0	504978.1	5408292.8	10424.90039	285.79	105.45	48.827594	-86.932173	56074.89	56246.7	3.30	56078.18	56080.72656	56079.61538	56077.48047	504978.1	5408292.8
L4980.0	504978.1	5408291.5	10425.00000	287.52	105.52	48.827583	-86.932173	56074.76	56246.7	3.30	56078.06	56080.71875	56078.90149	56076.84766	504978.1	5408291.5
L4980.0	504978.1	5408291.5	10425.09961	286.61	108.04	48.827583	-86.932173	56074.31	56246.7	3.30	56077.61	56080.38281	56078.27453	56076.30469	504978.1	5408291.5
L4980.0	504978.2	5408290.0	10425.20020	287.14	106.57	48.827570	-86.932173	56073.86	56246.7	3.30	56077.16	56080.04297	56077.64525	56075.75391	504978.2	5408290.0
L4980.0	504978.2	5408288.8	10425.20020	287.14	108.73	48.827559	-86.932173	56073.06	56246.7	3.30	56076.37	56079.36719	56077.08637	56075.27734	504978.2	5408288.8
L4980.0	504978.2	5408287.2	10425.40039	289.29	108.73	48.827544	-86.932172	56072.14	56246.7	3.30	56075.44	56078.54688	56076.54974	56074.82031	504978.2	5408287.2
L4980.0	504978.2	5408285.7	10425.50000	289.84	104.23	48.827531	-86.932172	56071.42	56246.7	3.31	56074.73	56077.94922	56075.95754	56074.30469	504978.2	5408285.7
L4980.0	504978.2	5408284.2	10425.59961	290.38	104.23	48.827517	-86.932172	56071.02	56246.7	3.31	56074.33	56077.66406	56075.28915	56073.71484	504978.2	5408284.2
L4980.0	504978.2	5408284.2	10425.70020	291.58	106.7	48.827517	-86.932172	56069.85	56246.7	3.31	56073.16	56076.60547	56074.79224	56073.29297	504978.2	5408284.2
L4980.0	504978.2	5408282.8	10425.79981	293.25	107.17	48.827504	-86.932172	56069.18	56246.7	3.31	56072.48	56076.03516	56074.17873	56072.75781	504978.2	5408282.8
L4980.0	504978.3	5408281.3	10425.90039	292.86	111.03	48.827491	-86.932172	56069.27	56246.7	3.31	56072.58	56076.24609	56073.35911	56072.01172	504978.3	5408281.3
L4980.0	504978.3	5408280.3	10426.00000	291.08	111.67	48.827482	-86.932171	56068.21	56246.7	3.31	56071.52	56075.29688	56072.82585	56071.55469	504978.3	5408280.3
L4980.0	504978.3	5408278.6	10426.09961	288.83	111.67	48.827467	-86.932171	56067.20	56246.7	3.31	56070.52	56074.40625	56072.27849	56071.07813	504978.3	5408278.6
L4980.0	504978.3	5408278.6	10426.20020	287.51	106.48	48.827467	-86.932171	56066.24	56246.7	3.32	56069.56	56073.55469	56071.72040	56070.59375	504978.3	5408278.6
L4980.0	504978.3	5408276.9	10426.29981	286.96	101.58	48.827451	-86.932171	56065.86	56246.7	3.32	56069.18	56073.28125	56070.97941	56069.92578	504978.3	5408276.9
L4980.0	504978.3	5408275.4	10426.40039	283.80	101.58	48.827439	-86.932171	56065.15	56246.7	3.33	56068.47	56072.67969	56070.32945	56069.34375	504978.3	5408275.4
L4980.0	504978.3	5408274.0	10426.50000	284.79	112.13	48.827425	-86.932171	56064.26	56246.7	3.33	56067.59	56071.91016	56069.96951	56069.05469	504978.3	5408274.0
L4980.0	504978.3	5408272.6	10426.59961	287.09	112.08	48.827413	-86.932171	56063.38	56246.7	3.33	56066.71	56071.13672	56069.28224	56068.43359	504978.3	5408272.6
L4980.0	504978.3	5408271.4	10426.70020	283.83	112.08	48.827402	-86.932171	56062.21	56246.7	3.34	56065.55	56070.08203	56068.47817	56067.69922	504978.3	5408271.4
L4980.0	504978.3	5408269.9	10426.79981	284.21	111.92	48.827388	-86.932171	56061.84	56246.7	3.34	56065.18	56069.81641	56067.99776	56067.28516	504978.3	5408269.9
L4980.0	504978.3	5408269.9	10426.90039	285.06	111.89	48.827388	-86.932171	56061.50	56246.7	3.35	56064.85	56069.58984	56067.52639	56066.87891	504978.3	5408269.9
L4980.0	504978.3	5408268.5	10427.00000	285.80	106.04	48.827376	-86.932171	56060.88	56246.7	3.35	56064.23	56069.07422	56066.93082	56066.34766	504978.3	5408268.5
L4980.0	504978.3	5408267.3	10427.09961	285.80	106.04	48.827365	-86.932171	56059.36	56246.6	3.35	56062.71	56067.66016	56065.96751	56065.44922	504978.3	5408267.3
L4980.0	504978.3	5408265.6	10427.20020	288.31	107.85	48.827350	-86.932171	56058.49	56246.6	3.35	56061.85	56066.90234	56065.26194	56064.80469	504978.3	5408265.6
L4980.0	504978.3	5408264.2	10427.20020	288.31	111.41	48.827337	-86.932171	56057.21	56246.6	3.35	56060.57	56065.72266	56064.37758	56063.98047	504978.3	5408264.2
L4980.0	504978.3	5408263.0	10427.40039	288.23	111.41	48.827327	-86.932171	56056.32	56246.6	3.36	56059.68	56064.93359	56063.63759	56063.30078	504978.3	5408263.0
L4980.0	504978.3	5408263.0	10427.50000	289.02	112.14	48.827327	-86.932171	56055.54	56246.6	3.36	56058.90	56064.25391	56062.93230	56062.65625	504978.3	5408263.0
L4980.0	504978.3	5408261.7	10427.59961	288.10	112.38	48.827315	-86.932171	56054.66	56246.6	3.36	56058.02	56063.47266	56062.17665	56061.95703	504978.3	5408261.7
L4980.0	504978.3	5408260.1	10427.70020	286.83	111.94	48.827301	-86.932171	56053.70	56246.6	3.36	56057.06	56062.60938	56061.37835	56061.21484	504978.3	5408260.1
L4980.0	504978.3	5408258.7	10427.79981	286.73	111.94	48.827288	-86.932171	56053.46	56246.6	3.37	56056.83	56062.47656	56060.88387	56060.77734	504978.3	5408258.7
L4980.0	504978.3	5408257.3	10427.90039	289.85	101.72	48.827275	-86.932171	56053.08	56246.6	3.37	56056.45	56062.19141	56059.94956	56059.89844	504978.3	5408257.3
L4980.0	504978.3	5408257.3	10428.00000	287.22	103.38	48.827275	-86.932171	56052.28	56246.6	3.37	56055.65	56061.48828	56059.20576	56059.20703	504978.3	5408257.3
L4980.0	504978.3	5408254.9	10428.09961	289.23	103.38	48.827254	-86.932171	56050.96	56246.6	3.37	56054.32	56060.25000	56058.62025	56058.67578	504978.3	5408254.9
L4980.0	504978.3	5408254.9	10428.20020	290.98	106.77	48.827254	-86.932171	56049.80	56246.6	3.36	56053.16	56059.18359	56057.97918	56058.08594	504978.3	5408254.9
L4980.0	504978.4	5408253.7	10428.29981	287.99	105.36	48.827243	-86.932170	56048.83	56246.6	3.36	56052.19	56058.30469	56057.28615	56057.44141	504978.4	5408253.7
L4980.0	504978.4	5408251.6	10428.40039	288.43	103.71	48.827224	-86.932170	56047.86	56246.6	3.35	56051.21	56057.41406	56056.60456	56056.80859	504978.4	5408251.6
L4980.0	504978.4	5408250.2	10428.50000	288.16	103.71	48.827212	-86.932170	56047.77	56246.6	3.35	56051.12	56057.41406	56055.69150	56055.94531	504978.4	5408250.2
L4980.0	504978.4	5408250.2	10428.59961	290.54	104.73	48.827212	-86.932170	56046.76	56246.7	3.35	56050.11	56056.49219	56055.03872	56055.33984	504978.4	5408250.2
L4980.0	504978.4	5408248.8	10428.70020	289.98	104.73	48.827199	-86.932170	56046.33	56246.7	3.34	56049.67	56056.13672	56054.23674	56054.58203	504978.4	5408248.8
L4980.0	504978.4	5408247.3	10428.79981	287.87	110.26	48.827186	-86.932170	56045.73	56246.7	3.34	56049.07	56055.62109	56053.48039	56053.87109	504978.4	5408247.3
L4980.0	504978.4	5408245.9	10428.90039	287.74	110.28	48.827173	-86.932170	56044.11	56246.7	3.33	56047.44	56054.07813	56053.01443	56053.44922	504978.4	5408245.9
L4980.0	504978.4	5408245.9	10429.00000	287.99	111.81	48.827173	-86.932170	56043.81	56246.7	3.33	56047.14	56053.85938	56052.17376	56052.64844	504978.4	5408245.9
L4980.0	504978.4	5408244.5	10429.09961	288.41	111.81	48.827160	-86.932170	56042.74	56246.7	3.33	56046.07	56052.87109	56051.55249	56052.07031	504978.4	5408244.5
L4980.0	504978.4	5408243.0	10429.20020	287.47	111.78	48.827147	-86.932170	56042.00	56246.7	3.34	56045.34	56052.21875	56050.82946	56051.38672	504978.4	5408243.0
L4980.0	504978.4	5408241.6	10429.20020	287.47	111.01	48.827134	-86.932170	56040.52	56246.7	3.34	56043.86	56050.81641	56050.33210	56050.92578	504978.4	5408241.6
L4980.0	504978.4	5408240.1	10429.29981	285.89	110.96	48.827120	-86.932170	56039.52	56246.7	3.35	56042.87	56049.90625	56049.68781	56050.32031	504978.4	5408240.1
L4980.0	504978.4	5408239.0	10429.40039	287.01	111.22	48.827110	-86.932170	56039.25	56246.7	3.35	56042.60	56049.71094	56048.81904	56049.48828	504978.4	5408239.0
L4980.0	504978.4	5408239.0	10429.59961	287.84	111.22	48.827110	-86.932170	56038.16	56246.6	3.36	56041.52	56048.70313	56048.20339	56048.91016	504978.4	5408239.0
L4980.0	504978.4	5408237.3	10429.70020	287.84	110.91	48.827095	-86.932170	56037.15	56246.6	3.36	56040.51	56047.76563	56047.56788	56048.30859	504978.4	5408237.3
L4980.0	504978.4	5408235.8	10429.79981	288.31	110.75	48.827082	-86.932171	56036.04	56246.6	3.37	56039.40	56046.72656	56046.96658	56047.73828	504978.4	5408235.8
L4980.0	504978.3	5408234.4	10429.79981	287.97	110.55	48.827070	-86.932171	56035.45	56246.6	3.37	56038.82	56046.21484	56046.19883	56047.00391	504978.3	5408234.4
L4980.0	504978.3	5408234.4	10430.00000	287.12	110.16	48.827070	-86.932171	56034.97	56246.6	3.38	56038.35	56045.81250	56045.39896	56046.23438	504978.3	5408234.4
L4980.0	504978.3	5408232.0	10430.09961	287.12	110.16	48.827048	-86.932171	56033.68	56246.6	3.38	56037.07	56044.59766	56044.85901	56045.72656	504978.3	5408232.0
L4980.0	504978.3	5408232.0	10430.20020	286.84	104.74	48.827048	-86.932171	56033.07	56246.6	3.39	56036.46	56044.05469	56044.11014	56045.00391	504978.3	5408232.0
L4980.0	504978.3	5408230.3	10430.20020	286.84	110.35	48.827033	-86.932172	56031.84	56246.6	3.39	56035.23	56042.88672	56043.56124	56044.48438	504978.3	5408230.3
L4980.0	504978.3	5408229.1	10430.40039	287.48	110.49	48.827022	-86.932172	56031.46	56246.6	3.39	56034.85	56042.56641	56042.75592	56043.70703	504978.3	5408229.1
L4980.0	504978.2	5408227.6	10430.50000	288.43	110.49	48.827008	-86.932172	56030.38	56246.6	3.40	56033.77	56041.54688	56042.17946	56043.15625	504978.2	5408227.6
L4980.0	504978.2	5408226.7	10430.59961	287.73	104.62	48.827000	-86.932173	56029.58	56246.6	3.40	56032.98	56040.81250	56041.52734	56042.52734	504978.2	5408226.7
L4980.0	504978.2	5408225.3	10430.70020	287.89	99.56	48.826988	-86.932173	56029.26	56246.6	3.40	56032.66	56040.55078	56040.74595	56041.76953	504978.2	5408225.3
L4980.0	504978.2	5408223.9	10430.79981	290.04	99.56	48.826975	-86.932173	56027.86	56246.6	3.40	56031.27	56039.21484	56040.31215	56041.35938	504978.2	5408223.9
L4980.0	504978.2	5408222.7	10430.90039	290.73	105.06	48.826964	-86.932174	56027.21	56246.6	3.41	56030.62	56038.61719	56039.66951	56040.73828	504978.2	5408222.7

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4980.0	504978.1	5408221.3	10431.00000	288.43	98.83	48.826951	-86.932174	56026.75	56246.6	3.41	56030.16	56038.20703	56038.98716	56040.07422	504978.1	5408221.3
L4980.0	504978.1	5408220.4	10431.09961	287.98	110.45	48.826943	-86.932174	56025.48	56246.6	3.41	56028.90	56036.99609	56038.58336	56039.69141	504978.1	5408220.4
L4980.0	504978.1	5408218.9	10431.20020	287.14	110.45	48.826930	-86.932174	56024.73	56246.6	3.42	56028.15	56036.29297	56038.04336	56039.17188	504978.1	5408218.9
L4980.0	504978.1	5408217.7	10431.20020	287.14	109.22	48.826919	-86.932174	56023.76	56246.6	3.42	56027.18	56035.37109	56036.77943	56037.92578	504978.1	5408217.7
L4980.0	504978.1	5408217.7	10431.29981	286.91	108.31	48.826919	-86.932174	56023.19	56246.6	3.42	56026.61	56034.84375	56036.34092	56037.50000	504978.1	5408217.7
L4980.0	504978.1	5408216.1	10431.50000	285.98	108.31	48.826904	-86.932175	56022.53	56246.6	3.43	56025.96	56034.23438	56035.88297	56037.05859	504978.1	5408216.1
L4980.0	504978.1	5408214.4	10431.59961	288.66	109.28	48.826889	-86.932175	56021.94	56246.6	3.43	56025.37	56033.68359	56035.46157	56036.65234	504978.1	5408214.4
L4980.0	504978.1	5408213.6	10431.70020	288.45	108.75	48.826883	-86.932175	56020.66	56246.6	3.43	56024.09	56032.44141	56034.76668	56035.97266	504978.1	5408213.6
L4980.0	504978.1	5408212.5	10431.79981	288.57	108.75	48.826872	-86.932175	56020.28	56246.6	3.43	56023.71	56032.09766	56034.44709	56035.66406	504978.1	5408212.5
L4980.0	504978.1	5408211.0	10431.90039	286.33	107.27	48.826859	-86.932175	56019.87	56246.6	3.44	56023.30	56031.72266	56034.11572	56035.34375	504978.1	5408211.0
L4980.0	504978.1	5408210.1	10432.00000	287.77	99.76	48.826850	-86.932175	56018.86	56246.6	3.44	56022.30	56030.75781	56033.54878	56034.78906	504978.1	5408210.1
L4980.0	504978.1	5408208.6	10432.09961	285.15	99.16	48.826837	-86.932175	56018.45	56246.6	3.44	56021.90	56030.38672	56033.21706	56034.46875	504978.1	5408208.6
L4980.0	504978.1	5408208.6	10432.20020	287.47	99.16	48.826837	-86.932175	56017.39	56246.6	3.45	56020.84	56029.35547	56032.62185	56033.88281	504978.1	5408208.6
L4980.0	504978.1	5408206.0	10432.29981	286.82	99.79	48.826814	-86.932175	56017.14	56246.6	3.45	56020.59	56029.13281	56032.33772	56033.60547	504978.1	5408206.0
L4980.0	504978.1	5408204.6	10432.40039	285.50	107.74	48.826801	-86.932175	56016.84	56246.5	3.45	56020.29	56028.85938	56032.02625	56033.30078	504978.1	5408204.6
L4980.0	504978.1	5408204.6	10432.50000	285.56	107.61	48.826801	-86.932175	56016.41	56246.5	3.46	56019.86	56028.45313	56031.65855	56032.94141	504978.1	5408204.6
L4980.0	504978.1	5408203.4	10432.59961	285.48	107.24	48.826791	-86.932175	56015.95	56246.5	3.46	56019.41	56028.02344	56031.28054	56032.56641	504978.1	5408203.4
L4980.0	504978.1	5408202.0	10432.70020	285.46	107.24	48.826778	-86.932174	56015.70	56246.5	3.46	56019.16	56027.79297	56030.97950	56032.26953	504978.1	5408202.0
L4980.0	504978.1	5408200.8	10432.79981	285.68	107.13	48.826767	-86.932174	56014.89	56246.5	3.46	56018.35	56027.00000	56030.46435	56031.75781	504978.1	5408200.8
L4980.0	504978.1	5408199.6	10432.90039	283.90	107.13	48.826756	-86.932174	56014.38	56246.5	3.47	56017.85	56026.51563	56030.08321	56031.38281	504978.1	5408199.6
L4980.0	504978.1	5408199.6	10433.00000	283.64	107.05	48.826756	-86.932174	56014.38	56246.5	3.47	56017.85	56026.53125	56029.91995	56031.21875	504978.1	5408199.6
L4980.0	504978.1	5408197.4	10433.09961	286.26	106.68	48.826737	-86.932175	56014.11	56246.5	3.47	56017.58	56026.27344	56029.67858	56030.98047	504978.1	5408197.4
L4980.0	504978.1	5408196.0	10433.20020	287.94	106.68	48.826724	-86.932175	56013.66	56246.5	3.47	56017.13	56025.83203	56029.40284	56030.70703	504978.1	5408196.0
L4980.0	504978.1	5408194.7	10433.20020	287.94	107.01	48.826712	-86.932175	56013.37	56246.5	3.47	56016.84	56025.55078	56029.23827	56030.53906	504978.1	5408194.7
L4980.0	504978.1	5408193.1	10433.40039	290.02	107.6	48.826698	-86.932175	56013.24	56246.5	3.47	56016.72	56025.43750	56029.20620	56030.50781	504978.1	5408193.1
L4980.0	504978.1	5408192.1	10433.50000	290.24	107.67	48.826689	-86.932175	56012.36	56246.5	3.48	56015.83	56024.55469	56028.94427	56030.24219	504978.1	5408192.1
L4980.0	504978.1	5408192.1	10433.59961	287.39	107.67	48.826689	-86.932175	56012.41	56246.5	3.48	56015.89	56024.61719	56029.09906	56030.39453	504978.1	5408192.1
L4980.0	504978.0	5408190.5	10433.70020	289.49	107.68	48.826674	-86.932176	56012.08	56246.5	3.48	56015.56	56024.28906	56029.15891	56030.45313	504978.0	5408190.5
L4980.0	504978.0	5408188.3	10433.79981	288.45	107.68	48.826654	-86.932176	56011.66	56246.5	3.48	56015.13	56023.85938	56029.23186	56030.52344	504978.0	5408188.3
L4980.0	504978.0	5408187.0	10433.90039	288.99	107.52	48.826643	-86.932176	56011.42	56246.5	3.48	56014.90	56023.62500	56029.41397	56030.69922	504978.0	5408187.0
L4980.0	504978.0	5408187.0	10434.00000	288.81	107.29	48.826643	-86.932176	56011.55	56246.5	3.48	56015.03	56023.75000	56029.73940	56031.01953	504978.0	5408187.0
L4980.0	504978.0	5408185.4	10434.09961	286.06	107.29	48.826628	-86.932176	56011.55	56246.5	3.48	56015.04	56023.75391	56030.04543	56031.32031	504978.0	5408185.4
L4980.0	504978.0	5408183.9	10434.20020	286.64	107.09	48.826615	-86.932177	56010.67	56246.5	3.49	56014.16	56022.86719	56030.12040	56031.38672	504978.0	5408183.9
L4980.0	504978.0	5408183.9	10434.29981	285.03	96.55	48.826615	-86.932177	56011.09	56246.5	3.49	56014.59	56023.28906	56030.56587	56031.82422	504978.0	5408183.9
L4980.0	504978.0	5408181.2	10434.40039	284.42	96.55	48.826591	-86.932177	56011.70	56246.5	3.50	56015.20	56023.88672	56031.03857	56032.28906	504978.0	5408181.2
L4980.0	504978.0	5408181.2	10434.50000	282.71	101.4	48.826591	-86.932177	56011.34	56246.5	3.50	56014.84	56023.51563	56031.26509	56032.50781	504978.0	5408181.2
L4980.0	504977.9	5408180.0	10434.59961	281.32	100.52	48.826580	-86.932177	56011.50	56246.5	3.50	56015.00	56023.66016	56031.59692	56032.83203	504977.9	5408180.0
L4980.0	504977.9	5408178.6	10434.70020	281.00	100.07	48.826568	-86.932177	56011.53	56246.5	3.51	56015.04	56023.68359	56031.87775	56033.10156	504977.9	5408178.6
L4980.0	504977.9	5408176.8	10434.79981	277.61	100.07	48.826552	-86.932177	56012.26	56246.5	3.51	56015.77	56024.39453	56032.26075	56033.47266	504977.9	5408176.8
L4980.0	504977.9	5408176.8	10434.90039	278.94	101.71	48.826552	-86.932177	56011.63	56246.5	3.52	56015.14	56023.74609	56032.34489	56033.54688	504977.9	5408176.8
L4980.0	504977.9	5408175.2	10435.00000	281.61	105.25	48.826537	-86.932177	56012.34	56246.5	3.52	56015.86	56024.44531	56032.63724	56033.82813	504977.9	5408175.2
L4980.0	504977.9	5408173.8	10435.09961	280.28	98.45	48.826524	-86.932177	56012.28	56246.5	3.52	56015.80	56024.35938	56032.73875	56033.91797	504977.9	5408173.8
L4980.0	504977.9	5408172.6	10435.20020	283.16	96.8	48.826513	-86.932178	56012.59	56246.5	3.53	56016.11	56024.64844	56032.85619	56034.02344	504977.9	5408172.6
L4980.0	504977.9	5408171.1	10435.20020	283.16	96.8	48.826499	-86.932178	56011.73	56246.5	3.53	56015.25	56023.76172	56032.70519	56033.85547	504977.9	5408171.1
L4980.0	504977.9	5408170.0	10435.40039	286.69	95.76	48.826490	-86.932178	56012.52	56246.5	3.54	56016.05	56024.53125	56032.80445	56033.94141	504977.9	5408170.0
L4980.0	504977.9	5408168.4	10435.50000	286.24	95.76	48.826476	-86.932178	56013.29	56246.5	3.54	56016.83	56025.28516	56032.85719	56033.98047	504977.9	5408168.4
L4980.0	504977.9	5408167.0	10435.59961	282.91	94.73	48.826463	-86.932178	56013.68	56246.5	3.54	56017.22	56025.64063	56032.78955	56033.89844	504977.9	5408167.0
L4980.0	504977.9	5408167.0	10435.70020	283.49	94.2	48.826463	-86.932178	56013.52	56246.5	3.55	56017.07	56025.46094	56032.54988	56033.64453	504977.9	5408167.0
L4980.0	504977.9	5408165.7	10435.79981	284.00	94.98	48.826451	-86.932178	56013.45	56246.4	3.55	56017.00	56025.35547	56032.27493	56033.35156	504977.9	5408165.7
L4980.0	504977.9	5408164.0	10435.90039	285.99	94.98	48.826436	-86.932178	56013.98	56246.4	3.56	56017.53	56025.85156	56032.12363	56033.18359	504977.9	5408164.0
L4980.0	504977.9	5408164.0	10436.00000	285.79	94.99	48.826436	-86.932178	56013.77	56246.4	3.56	56017.33	56025.61328	56031.75152	56032.79688	504977.9	5408164.0
L4980.0	504977.9	5408162.1	10436.09961	285.73	96.21	48.826419	-86.932178	56014.00	56246.4	3.56	56017.56	56025.80469	56031.50327	56032.53125	504977.9	5408162.1
L4980.0	504977.9	5408160.8	10436.20020	287.36	96.21	48.826407	-86.932178	56015.09	56246.4	3.55	56018.65	56026.85547	56031.57729	56032.58594	504977.9	5408160.8
L4980.0	504977.9	5408159.1	10436.29981	285.18	99.64	48.826392	-86.932178	56015.39	56246.4	3.55	56018.95	56027.11719	56031.43329	56032.42188	504977.9	5408159.1
L4980.0	504977.9	5408159.1	10436.40039	287.13	99.64	48.826392	-86.932178	56016.16	56246.5	3.55	56019.71	56027.83203	56031.53104	56032.50391	504977.9	5408159.1
L4980.0	504977.9	5408157.3	10436.50000	286.57	94.79	48.826375	-86.932178	56016.36	56246.5	3.54	56019.90	56027.98047	56031.46483	56032.41797	504977.9	5408157.3
L4980.0	504977.9	5408155.8	10436.59961	287.14	94.79	48.826362	-86.932178	56017.32	56246.5	3.54	56020.86	56028.89453	56031.77265	56032.70703	504977.9	5408155.8
L4980.0	504977.9	5408153.8	10436.70020	288.18	92.88	48.826344	-86.932178	56018.16	56246.5	3.54	56021.70	56029.68750	56032.55398	56033.46875	504977.9	5408153.8
L4980.0	504977.9	5408153.8	10436.79981	288.80	92.88	48.826344	-86.932178	56018.50	56246.5	3.54	56022.04	56029.98047	56032.85176	56033.74609	504977.9	5408153.8
L4980.0	504977.9	5408152.4	10436.90039	288.68	95.37	48.826332	-86.932178	56018.84	56246.5	3.53	56022.37	56030.26172	56033.20710	56034.07813	504977.9	5408152.4
L4980.0	504977.9	5408150.9	10437.00000	289.31	95.37	48.826318	-86.932178	56019.39	56246.5	3.53	56022.92	56030.76172	56033.55888	56034.41016	504977.9	5408150.9
L4980.0	504977.9	5408149.0	10437.09961	290.53	88.05	48.826301	-86.932178	56020.10	56246.5	3.53	56023.64	56031.42969	56033.92399	56034.75391	504977.9	5408149.0
L4980.0	504977.9	5408147.5	10437.20020	290.67	88.05	48.826288	-86.932178	56020.45	56246.5	3.54	56023.99	56031.72656	56034.43294	56035.24219	504977.9	5408147.5
L4980.0	504977.9	5408147.5	10437.20020	290.67	93.64	48.826288	-86.932178	56021.64	56246.5	3.54	56025.18	56032.86328	56034.77610	56035.56250	504977.9	5408147.5
L4980.0	504977.9	5408146.0	10437.40039	288.85	93.64	48.826274	-86.932178	56021.89	56246.4	3.55	56025.45	56033.07813	56035.38129	56036.14453	504977.9	5408146.0
L4980.0	504977.9	5408144.6	10437.50000	288.43	93.46	48.826261	-86.932178	56022.40	56246.4	3.56	56025.96	56033.53125	56035.95611	56036.69531	504977.9	5408144.6
L4980.0	504977.9	5408143.2	10437.59961	287.93	93.46	48.826248	-86.932178	56023.54	56246.4	3.56	56027.10	56034.61719	56036.39507	56037.11328	504977.9	5408143.2
L4980.0	504977.9	5408143.2	10437.70020	285.71	95.77	48.826248	-86.932178	56024.25	56246.4	3.57	56027.82	56035.27734	56036.95345	56037.64844	504977.9	5408143.2
L4980.0	504977.9	5408141.5	10437.79981	285.74	95.25	48.826233	-86.932178	56024.83	56246.4	3.57	56028.40	56035.80078	56037.55673	56038.22656	504977.9	5408141.5
L4980.0	504977.9	5408140.0	10437.90039	285.07	95.25	48.826220	-86.932178	56025.69	56246.4	3.58	56029.27	56036.60938	56038.08879	56038.73828	504977.9	5408140.0
L4980.0	504977.9	5408138.5	10438.00000	285.22	88.77	48.826207	-86.932178	56026.25	56246.4	3.58	56029.83	56037.10938	56038.70402	56039.32813	504977.9	5408138.5
L4980.0	504977.9	5408138.5	10438.09961	288.04	88.77	48.826207	-86.932178	56026.38	56246.4	3.58	56029.96	56037.17578	56039.43403	56040.03516	504977.9	5408138.5
L4980.0	504977.9	5408136.6	10438.20020	287.18	88.78	48.826190	-86.932178	56027.79	56246.4	3.58	56031.37	56038.52344	56039.83244	56040.40625	504977.9	5408136.6
L4980.0	504977.9	5408135.0	10438.29981	287.61	89.83	48.826175	-86.932178	56028.42	56246.4	3.59	56032.00	56039.08984	56040.43607	56040.98828	504977.9	5408135.0
L4980.0	504977.9	5408133.8	10438.40039	285.46	89.83	48.826164	-86.932178	56029.13	56246.4	3.59	56032.72	56039.74609	56041.01955	56041.54688	504977.9	5408133.8
L4980.0	504977.9	5408133.8	10438.50000	285.62	89.83	48.826164	-86.932178	56029.94	56246.4	3.59	56033.53	56040.48828	56041.58323	56042.08203	504977.9	5408133.8
L4980.0	504977.9	5408131.8	10438.59961	286.73	91.33	48.826147	-86.932178	56030.78	56246.4	3.59	56034.37	56041.26172	56042.14217	56042.61719	504977.9	5408131.8
L4980.0	504977.9	5408130.4	10438.70020	288.04	92.07	48.826134	-86.932178	56031.18	56246.4	3.59	56034.77	56041.59375	56042.80591	56043.25781	504977.9	5408130.4
L4980.0	504977.9	5408130.4	10438.79981	287.97	92.07	48.826134	-86.932178	56032.57	56246.4	3.60	56036.16	56042.91797	56043.23754	56043.66406	504977.9	5408130.4
L4980.0	504977.9	5408128.9	10438.90039	287.43	90.78	48.826120	-86.932178	56032.88	56246.4	3.60	56036.48	56043.16797	56043.91558	56044.31641	504977.9	5408128.9
L4980.0	504977.9	5408127.7	10439.00000	288.77	90.78	48.826110	-86.932178	56033.76	56246.4	3.60	56037.36	56043.97656	56044.47410	56044.84766	504977.9	5408127.7
L4980.0	504977.9	5408126.0	10439.09961	291.05	89.27	48.826094	-86.932179	56035.20	56246.4	3.60	56038.80	56045.34766	56044.92885	56045.27734	504977.9	5408126.0
L4980.0	504977.9	5408126.0	10439.20020	290.16	92.71	48.826094	-86.932179	56035.30	56246.4	3.60	56038.90	56045.37500	56045.66403	56045.98438	504977.9	5408126.0
L4980.0	504977.9	5408124.6	10439.20020	290.16	92.04	48.826081	-86.932179	56035.94	56246.4	3.60	56039.54	56045.94531	56046.29932	56046.59375	504977.9	5408124.6
L4980.0	504977.8	5408122.9	10439.40039	290.55	92.04	48.826066	-86.932179	56036.32	56246.4	3.60	56039.92	56046.25391	56046.99280	56047.26172	504977.8	5408122.9
L4980.0	504977.8	5408121.2	10439.50000	292.27	91.4	48.826051	-86.932179	56037.86	56246.4	3.60	56041.46	56047.71875	56047.48797	56047.73047	504977.8	5408121.2
L4980.0	504977.8	5408120.2	10439.59961	290.55	92.52	48.826042	-86.932179	56038.03	56246.4	3.61	56041.64	56047.82422	56048.24424	56048.46094	504977.8	5408120.2
L4980.0	504977.8	5408118.7	10439.70020	290.43	92.52	48.826029	-86.932179	56039.20	56246.4	3.61	56042.81	56048.92188	56048.84612	56049.03516	504977.8	5408118.7
L4980.0	504977.8	5408117.3	10439.79981	288.54	88.45	48.826016	-86.932180	56039.96	56246.4	3.61	56043.57	56049.60547	56049.54193	56049.70703	504977.8	5408117.3
L4980.0	504977.8	5408117.3	10439.90039	288.01	89	48.826016	-86.932180	56040.72	56246.4	3.61	56044.33	56050.29297	56050.25781	56050.39453	504977.8	5408117.3
L4980.0	504977.8	5408115.6	10440.00000	287.80	91.11	48.826001	-86.932180	56041.93	56246.4	3.61	56045.54	56051.42578	56050.90115	56051.01172	504977.8	5408115.6
L4980.0	504977.8	5408114.1	10440.09961	287.04	91.11	48.825987	-86.932180	56042.79	56246.4	3.61	56046.40	56052.21094	56051.62321	56051.70703	504977.8	5408114.1
L4980.0	504977.8	5408114.1	10440.20020	286.80	94.23	48.825987	-86.932180	56043.55	56246.4	3.61	56047.16	56052.89063	56052.37770	56052.43750	504977.8	5408114.1

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4980.0	504977.8	5408111.5	10440.29981	287.28	92.9	48.825964	-86.932180	56044.00	56246.4	3.62	56047.62	56053.27344	56053.22183	56053.25391	504977.8	5408111.5
L4980.0	504977.8	5408111.5	10440.40039	286.93	95.5	48.825964	-86.932180	56044.52	56246.4	3.62	56048.13	56053.70703	56054.07347	56054.07813	504977.8	5408111.5
L4980.0	504977.8	5408110.3	10440.50000	288.04	95.5	48.825953	-86.932180	56045.47	56246.4	3.62	56049.09	56054.58984	56054.79566	56054.77344	504977.8	5408110.3
L4980.0	504977.8	5408108.8	10440.59961	288.63	93.8	48.825940	-86.932181	56046.93	56246.4	3.62	56050.56	56055.98047	56055.76263	56055.71484	504977.8	5408108.8
L4980.0	504977.7	5408107.3	10440.70020	288.07	93.8	48.825926	-86.932181	56047.50	56246.4	3.62	56051.12	56056.46094	56056.44446	56056.37109	504977.7	5408107.3
L4980.0	504977.7	5408105.7	10440.79981	290.04	94.81	48.825911	-86.932181	56047.44	56246.4	3.63	56051.06	56056.32031	56056.87741	56056.77734	504977.7	5408105.7
L4980.0	504977.7	5408105.7	10440.90039	288.67	86.54	48.825911	-86.932181	56048.61	56246.4	3.63	56052.24	56057.42188	56057.78956	56057.66406	504977.7	5408105.7
L4980.0	504977.7	5408103.5	10441.00000	287.36	86.54	48.825891	-86.932181	56049.67	56246.4	3.63	56053.30	56058.40234	56058.63199	56058.48047	504977.7	5408103.5
L4980.0	504977.7	5408102.3	10441.09961	285.91	87.13	48.825880	-86.932181	56050.13	56246.4	3.63	56053.76	56058.78125	56059.23786	56059.05859	504977.7	5408102.3
L4980.0	504977.7	5408102.3	10441.20020	285.96	88.21	48.825880	-86.932181	56051.54	56246.4	3.64	56055.17	56060.10938	56060.17270	56059.96875	504977.7	5408102.3
L4980.0	504977.7	5408101.0	10441.20020	285.96	88.21	48.825869	-86.932181	56051.16	56246.4	3.64	56054.80	56059.65625	56060.47055	56060.23828	504977.7	5408101.0
L4980.0	504977.7	5408099.8	10441.29981	285.03	86.69	48.825859	-86.932181	56051.84	56246.4	3.64	56055.48	56060.25781	56061.13083	56060.87500	504977.7	5408099.8
L4980.0	504977.7	5408097.6	10441.50000	284.95	86.69	48.825839	-86.932181	56053.39	56246.4	3.65	56057.03	56061.72266	56062.07119	56061.78906	504977.7	5408097.6
L4980.0	504977.7	5408096.3	10441.59961	281.86	89.27	48.825826	-86.932181	56053.57	56246.4	3.65	56057.21	56061.82031	56062.54512	56062.23828	504977.7	5408096.3
L4980.0	504977.7	5408096.3	10441.70020	283.58	93.88	48.825826	-86.932181	56054.25	56246.3	3.65	56057.90	56062.42969	56063.17904	56062.84375	504977.7	5408096.3
L4980.0	504977.7	5408095.1	10441.79981	284.56	95.12	48.825816	-86.932181	56054.56	56246.3	3.65	56058.21	56062.65625	56063.68201	56063.32422	504977.7	5408095.1
L4980.0	504977.7	5408093.6	10441.90039	283.89	94.1	48.825803	-86.932181	56055.96	56246.3	3.66	56059.62	56063.98438	56064.52312	56064.13672	504977.7	5408093.6
L4980.0	504977.7	5408092.4	10442.00000	284.48	94.39	48.825792	-86.932181	56056.24	56246.3	3.66	56059.90	56064.17969	56064.99573	56064.58594	504977.7	5408092.4
L4980.0	504977.7	5408090.9	10442.09961	284.55	94.39	48.825779	-86.932181	56057.51	56246.3	3.67	56061.18	56065.37500	56065.76933	56065.33594	504977.7	5408090.9
L4980.0	504977.7	5408089.7	10442.20020	285.49	99.17	48.825767	-86.932181	56057.28	56246.3	3.67	56060.95	56065.06250	56066.05274	56065.59375	504977.7	5408089.7
L4980.0	504977.7	5408088.0	10442.29981	286.00	101.65	48.825753	-86.932182	56057.99	56246.3	3.68	56061.67	56065.69922	56066.61836	56066.13281	504977.7	5408088.0
L4980.0	504977.7	5408086.6	10442.40039	286.55	101.65	48.825740	-86.932182	56059.64	56246.3	3.68	56063.32	56067.26563	56067.47329	56066.96484	504977.7	5408086.6
L4980.0	504977.7	5408086.6	10442.50000	287.12	102.29	48.825740	-86.932182	56060.29	56246.3	3.68	56063.98	56067.83984	56068.00225	56067.46875	504977.7	5408086.6
L4980.0	504977.7	5408085.3	10442.59961	286.88	102.29	48.825728	-86.932182	56060.63	56246.3	3.69	56064.32	56068.09766	56068.41614	56067.85938	504977.7	5408085.3
L4980.0	504977.7	5408083.7	10442.70020	286.78	101.98	48.825714	-86.932182	56061.36	56246.3	3.69	56065.05	56068.74219	56068.95919	56068.37500	504977.7	5408083.7
L4980.0	504977.6	5408082.0	10442.79981	284.39	98.69	48.825698	-86.932182	56061.36	56246.3	3.70	56065.06	56068.66797	56069.24557	56068.63672	504977.6	5408082.0
L4980.0	504977.6	5408081.1	10442.90039	282.68	102.7	48.825690	-86.932182	56062.70	56246.3	3.71	56066.40	56069.92188	56070.01335	56069.38281	504977.6	5408081.1
L4980.0	504977.6	5408081.1	10443.00000	281.27	102.7	48.825690	-86.932182	56063.20	56246.3	3.71	56066.91	56070.34766	56070.48610	56069.83203	504977.6	5408081.1
L4980.0	504977.6	5408079.6	10443.09961	281.17	103.29	48.825677	-86.932183	56062.62	56246.3	3.71	56066.33	56069.67969	56070.54960	56069.87109	504977.6	5408079.6
L4980.0	504977.6	5408077.9	10443.20020	284.45	103.64	48.825662	-86.932183	56064.46	56246.3	3.71	56068.18	56071.44531	56071.54742	56070.84375	504977.6	5408077.9
L4980.0	504977.6	5408076.5	10443.20020	284.45	103.79	48.825649	-86.932183	56064.68	56246.3	3.71	56068.39	56071.57031	56071.93019	56071.20313	504977.6	5408076.5
L4980.0	504977.6	5408075.6	10443.40039	287.58	103.79	48.825640	-86.932183	56066.08	56246.3	3.72	56069.80	56072.89453	56072.78782	56072.03906	504977.6	5408075.6
L4980.0	504977.6	5408075.6	10443.50000	288.13	103.82	48.825640	-86.932183	56065.20	56246.3	3.72	56068.92	56071.92578	56072.77757	56072.00391	504977.6	5408075.6
L4980.0	504977.6	5408072.8	10443.59961	289.12	103.82	48.825616	-86.932183	56066.79	56246.3	3.72	56070.51	56073.42969	56073.72400	56072.92969	504977.6	5408072.8
L4980.0	504977.6	5408072.8	10443.70020	289.33	103.87	48.825616	-86.932183	56066.88	56246.3	3.72	56070.60	56073.43359	56074.11534	56073.29688	504977.6	5408072.8
L4980.0	504977.6	5408071.5	10443.79981	287.81	104.01	48.825604	-86.932183	56067.90	56246.3	3.73	56071.63	56074.37891	56074.86021	56074.01953	504977.6	5408071.5
L4980.0	504977.6	5408070.0	10443.90039	289.10	104	48.825591	-86.932183	56068.06	56246.3	3.73	56071.79	56074.45313	56075.30239	56074.44141	504977.6	5408070.0
L4980.0	504977.6	5408068.5	10444.00000	287.27	104	48.825577	-86.932183	56068.97	56246.3	3.73	56072.70	56075.27344	56076.00468	56075.12109	504977.6	5408068.5
L4980.0	504977.6	5408068.5	10444.09961	287.18	101.8	48.825577	-86.932183	56069.15	56246.3	3.73	56072.88	56075.36719	56076.47019	56075.56250	504977.6	5408068.5
L4980.0	504977.6	5408066.7	10444.20020	285.32	98.93	48.825560	-86.932183	56070.11	56246.3	3.74	56073.84	56076.24219	56077.17723	56076.25000	504977.6	5408066.7
L4980.0	504977.6	5408065.2	10444.29981	283.71	98.89	48.825547	-86.932183	56070.44	56246.3	3.74	56074.18	56076.49609	56077.69561	56076.74609	504977.6	5408065.2
L4980.0	504977.6	5408063.7	10444.40039	283.14	98.89	48.825534	-86.932183	56070.66	56246.3	3.74	56074.41	56076.63672	56078.18808	56077.21484	504977.6	5408063.7
L4980.0	504977.6	5408062.3	10444.50000	283.92	99.41	48.825521	-86.932183	56071.78	56246.3	3.75	56075.52	56077.66016	56078.89805	56077.90234	504977.6	5408062.3
L4980.0	504977.6	5408061.1	10444.59961	283.13	99.41	48.825511	-86.932183	56071.17	56246.3	3.75	56074.92	56076.97266	56079.19405	56078.17969	504977.6	5408061.1
L4980.0	504977.6	5408061.1	10444.70020	283.66	100.12	48.825511	-86.932183	56072.11	56246.2	3.75	56075.86	56077.82422	56079.84108	56078.80469	504977.6	5408061.1
L4980.0	504977.6	5408059.9	10444.79981	283.23	94.73	48.825500	-86.932183	56072.64	56246.2	3.75	56076.39	56078.26953	56080.38463	56079.32813	504977.6	5408059.9
L4980.0	504977.6	5408058.5	10444.90039	280.54	94.73	48.825487	-86.932183	56073.78	56246.2	3.76	56077.53	56079.32031	56081.02843	56079.94922	504977.6	5408058.5
L4980.0	504977.6	5408056.8	10445.00000	280.21	95.71	48.825472	-86.932183	56073.47	56246.2	3.76	56077.23	56078.93359	56081.39585	56080.29688	504977.6	5408056.8
L4980.0	504977.6	5408055.6	10445.09961	279.59	103.83	48.825461	-86.932183	56074.43	56246.2	3.76	56078.19	56079.80469	56081.97259	56080.85156	504977.6	5408055.6
L4980.0	504977.7	5408054.2	10445.20020	279.78	103.83	48.825448	-86.932182	56074.96	56246.2	3.76	56078.72	56080.24609	56082.46029	56081.31641	504977.7	5408054.2
L4980.0	504977.7	5408052.7	10445.20020	279.78	104.51	48.825435	-86.932182	56075.72	56246.2	3.76	56079.48	56080.91797	56082.96883	56081.80469	504977.7	5408052.7
L4980.0	504977.7	5408052.7	10445.40039	280.98	105.09	48.825435	-86.932182	56076.07	56246.2	3.76	56079.83	56081.17969	56083.39976	56082.21484	504977.7	5408052.7
L4980.0	504977.7	5408050.3	10445.50000	282.15	105.09	48.825413	-86.932182	56076.46	56246.2	3.76	56080.22	56081.48047	56083.82472	56082.62109	504977.7	5408050.3
L4980.0	504977.7	5408050.3	10445.59961	282.85	105.25	48.825413	-86.932182	56077.12	56246.2	3.76	56080.88	56082.05469	56084.28040	56083.05469	504977.7	5408050.3
L4980.0	504977.7	5408048.6	10445.70020	283.33	105.25	48.825398	-86.932182	56077.98	56246.2	3.76	56081.74	56082.82422	56084.76016	56083.51563	504977.7	5408048.6
L4980.0	504977.7	5408046.9	10445.79981	284.51	104.84	48.825383	-86.932182	56078.27	56246.2	3.76	56082.03	56083.02734	56085.13927	56083.87500	504977.7	5408046.9
L4980.0	504977.7	5408046.9	10445.90039	285.50	96.96	48.825383	-86.932182	56078.08	56246.2	3.76	56081.84	56082.74609	56085.42256	56084.13672	504977.7	5408046.9
L4980.0	504977.7	5408044.5	10446.00000	285.36	96.96	48.825361	-86.932182	56078.10	56246.2	3.76	56081.86	56082.67969	56085.72646	56084.42188	504977.7	5408044.5
L4980.0	504977.7	5408044.5	10446.09961	286.72	93.39	48.825361	-86.932182	56078.66	56246.2	3.76	56082.42	56083.14844	56086.12249	56084.79688	504977.7	5408044.5
L4980.0	504977.7	5408043.3	10446.20020	284.50	96.13	48.825351	-86.932182	56079.72	56246.2	3.76	56083.48	56084.12109	56086.62072	56085.27344	504977.7	5408043.3
L4980.0	504977.7	5408041.9	10446.29981	282.47	96.13	48.825337	-86.932181	56080.28	56246.2	3.76	56084.04	56084.58984	56087.01901	56085.65234	504977.7	5408041.9
L4980.0	504977.8	5408040.3	10446.40039	282.45	78.24	48.825323	-86.932181	56080.78	56246.2	3.76	56084.55	56085.01172	56087.40632	56086.01953	504977.8	5408040.3
L4980.0	504977.8	5408040.3	10446.50000	283.33	101.5	48.825323	-86.932181	56081.16	56246.2	3.76	56084.93	56085.30078	56087.76288	56086.35547	504977.8	5408040.3
L4980.0	504977.8	5408037.7	10446.59961	283.21	101.5	48.825299	-86.932181	56081.90	56246.2	3.77	56085.66	56085.94141	56088.20758	56086.78125	504977.8	5408037.7
L4980.0	504977.8	5408037.7	10446.70020	283.97	99.5	48.825299	-86.932181	56082.32	56246.2	3.77	56086.09	56086.28125	56088.58056	56087.13281	504977.8	5408037.7
L4980.0	504977.8	5408036.0	10446.79981	284.07	96.1	48.825284	-86.932181	56083.04	56246.2	3.77	56086.80	56086.90234	56089.03085	56087.56250	504977.8	5408036.0
L4980.0	504977.8	5408034.6	10446.90039	283.55	98.28	48.825272	-86.932181	56083.52	56246.2	3.77	56087.29	56087.30078	56089.42532	56087.93750	504977.8	5408034.6
L4980.0	504977.8	5408033.0	10447.00000	282.63	98.28	48.825257	-86.932180	56083.66	56246.2	3.77	56087.43	56087.35156	56089.72099	56088.21484	504977.8	5408033.0
L4980.0	504977.9	5408031.7	10447.09961	284.18	103.74	48.825245	-86.932180	56083.39	56246.2	3.77	56087.16	56086.99219	56089.89325	56088.36719	504977.9	5408031.7
L4980.0	504977.9	5408030.2	10447.20020	285.11	103.5	48.825232	-86.932180	56084.43	56246.2	3.77	56088.20	56087.94141	56090.44436	56088.89453	504977.9	5408030.2
L4980.0	504977.9	5408028.5	10447.20020	285.11	103.5	48.825217	-86.932180	56084.63	56246.2	3.77	56088.39	56088.04297	56090.74347	56089.17578	504977.9	5408028.5
L4980.0	504977.9	5408028.5	10447.40039	290.80	106.02	48.825217	-86.932180	56084.88	56246.2	3.77	56088.65	56088.21094	56091.05871	56089.46875	504977.9	5408028.5
L4980.0	504977.9	5408026.6	10447.50000	291.32	106.02	48.825200	-86.932179	56085.71	56246.2	3.77	56089.48	56088.94922	56091.54777	56089.93750	504977.9	5408026.6
L4980.0	504977.9	5408026.6	10447.59961	291.70	106.02	48.825200	-86.932179	56084.98	56246.2	3.77	56088.75	56088.12891	56091.53686	56089.90625	504977.9	5408026.6
L4980.0	504977.9	5408025.0	10447.70020	290.31	99.93	48.825186	-86.932179	56086.72	56246.2	3.77	56090.49	56089.77734	56092.31896	56090.66797	504977.9	5408025.0
L4980.0	504977.9	5408023.9	10447.79981	288.13	103.8	48.825176	-86.932179	56087.01	56246.2	3.77	56090.78	56089.97656	56092.62936	56090.95703	504977.9	5408023.9
L4980.0	504977.9	5408022.3	10447.90039	286.83	103.8	48.825161	-86.932179	56085.71	56246.2	3.77	56089.48	56088.58594	56092.38273	56090.68750	504977.9	5408022.3
L4980.0	504977.9	5408022.3	10448.00000	286.29	104.88	48.825161	-86.932179	56086.82	56246.2	3.77	56090.59	56089.60547	56092.95946	56091.24219	504977.9	5408022.3
L4980.0	504977.9	5408020.7	10448.09961	287.53	104.88	48.825147	-86.932179	56087.48	56246.2	3.77	56091.26	56090.18359	56093.38537	56091.64844	504977.9	5408020.7
L4980.0	504977.9	5408018.6	10448.20020	285.82	88.53	48.825128	-86.932179	56087.16	56246.2	3.77	56090.93	56089.76172	56093.43477	56091.67578	504977.9	5408018.6
L4980.0	504978.0	5408016.9	10448.29981	285.00	92.97	48.825113	-86.932179	56087.84	56246.2	3.78	56091.62	56090.35938	56093.86201	56092.08203	504978.0	5408016.9
L4980.0	504978.0	5408016.9	10448.40039	284.07	92.97	48.825113	-86.932179	56087.98	56246.2	3.78	56091.76	56090.41016	56094.07060	56092.26563	504978.0	5408016.9
L4980.0	504978.0	5408015.2	10448.50000	285.98	104.15	48.825097	-86.932179	56088.02	56246.2	3.78	56091.80	56090.35547	56094.22742	56092.40234	504978.0	5408015.2
L4980.0	504978.0	5408013.7	10448.59961	286.39	97.49	48.825084	-86.932178	56088.70	56246.2	3.78	56092.48	56090.94531	56094.66544	56092.81641	504978.0	5408013.7
L4980.0	504978.0	5408013.7	10448.70020	287.19	97.49	48.825084	-86.932178	56089.36	56246.2	3.78	56093.14	56091.51172	56094.84096	56092.96875	504978.0	5408013.7
L4980.0	504978.0	5408011.8	10448.79981	287.31	104.23	48.825067	-86.932178	56089.88	56246.2	3.79	56093.67	56091.95313	56095.06878	56093.17578	504978.0	5408011.8
L4980.0	504978.0	5408010.3	10448.90039	288.09	104.23	48.825054	-86.932178	56089.56	56246.2	3.79	56093.35	56091.53906	56095.48532	56093.56641	504978.0	5408010.3
L4980.0	504978.0	5408010.3	10449.00000	287.57	104.33	48.825054	-86.932178	56090.44	56246.2	3.79	56094.23	56092.32813	56095.64473	56093.70313	504978.0	5408010.3
L4980.0	504978.0	5408007.5	10449.09961	289.51	104.33	48.825028	-86.932178	56090.25	56246.2	3.79	56094.04	56092.04688	56095.98629	56094.01953	504978.0	5408007.5
L4980.0	504978.0	5408007.5	10449.20020	289.62	104.45	48.825028	-86.932178	56090.39	56246.2	3.79	56094.18	56092.09375	56096.25726	56094.26563	504978.0	5408007.5
L4980.0	504978.1	5408005.8	10449.20020	289.62	104.45	48.825013	-86.932178	56090.75	56246.2	3.79	56094.54	56092.35938	56096.50264	56094.48828	504978.1	5408005.8
L4980.0	504978.1	5408005.8	10449.40039	291.93	104.37	48.825013	-86.932178	56090.97	56246.2	3.79	56094.76	56092.48828	56096.75626	56094.71484	504978.1	5408005.8
L4980.0	504978.1	5408004.1	10449.50000	291.89	104.74	48.824998	-86.932177	56092.55	56246.2	3.79	56096.34	56093.97656	56097.01827	56094.95313	504978.1	5408004.1

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4980.0	504978.1	5408003.0	10449.59961	291.83	104.74	48.824987	-86.932177	56091.46	56246.2	3.79	56095.25	56092.79297	56097.25700	56095.16797	504978.1	5408003.0
L4980.0	504978.1	5408001.5	10449.70020	293.69	103.2	48.824974	-86.932177	56092.44	56246.2	3.79	56096.23	56093.68359	56097.55714	56095.44141	504978.1	5408001.5
L4980.0	504978.1	5408000.1	10449.79981	292.72	103.2	48.824962	-86.932177	56092.34	56246.2	3.79	56096.13	56093.48828	56097.79980	56095.65625	504978.1	5408000.1
L4980.0	504978.1	5408000.1	10449.90039	292.63	103.48	48.824962	-86.932177	56093.21	56246.2	3.79	56097.00	56094.26563	56098.13554	56095.96484	504978.1	5408000.1
L4980.0	504978.1	5407998.2	10450.00000	291.03	103.48	48.824944	-86.932177	56092.56	56246.2	3.79	56096.35	56093.52344	56098.31300	56096.11719	504978.1	5407998.2
L4980.0	504978.1	5407996.8	10450.09961	290.83	104.72	48.824932	-86.932177	56093.36	56246.2	3.79	56097.15	56094.23438	56098.66462	56096.44141	504978.1	5407996.8
L4980.0	504978.1	5407995.3	10450.20020	290.39	104.72	48.824918	-86.932177	56093.96	56246.2	3.80	56097.75	56094.73828	56099.00352	56096.75000	504978.1	5407995.3
L4980.0	504978.1	5407993.9	10450.29981	293.10	104.86	48.824906	-86.932177	56093.68	56246.2	3.80	56097.48	56094.37891	56099.23510	56096.95313	504978.1	5407993.9
L4980.0	504978.1	5407993.9	10450.40039	293.12	100.25	48.824906	-86.932177	56094.64	56246.2	3.80	56098.45	56095.25391	56099.63140	56097.32422	504978.1	5407993.9
L4980.0	504978.1	5407991.9	10450.50000	291.81	100.25	48.824888	-86.932177	56095.45	56246.2	3.81	56099.25	56095.96484	56099.99922	56097.66016	504978.1	5407991.9
L4980.0	504978.1	5407990.1	10450.59961	291.48	105.5	48.824872	-86.932177	56095.54	56246.2	3.81	56099.34	56095.96094	56100.28304	56097.91406	504978.1	5407990.1
L4980.0	504978.1	5407990.1	10450.70020	291.47	105.5	48.824872	-86.932177	56095.66	56246.2	3.81	56099.47	56096.00000	56100.57649	56098.17969	504978.1	5407990.1
L4980.0	504978.1	5407988.6	10450.79981	292.35	105.5	48.824858	-86.932178	56094.89	56246.2	3.81	56098.71	56095.14844	56100.82392	56098.39453	504978.1	5407988.6
L4980.0	504978.1	5407987.0	10450.90039	292.21	103.67	48.824844	-86.932178	56095.05	56246.2	3.82	56098.87	56095.21484	56101.15801	56098.69922	504978.1	5407987.0
L4980.0	504978.1	5407985.9	10451.00000	290.26	103.67	48.824834	-86.932178	56095.40	56246.2	3.82	56099.22	56095.47266	56101.50776	56099.01953	504978.1	5407985.9
L4980.0	504978.1	5407984.1	10451.09961	290.00	105.62	48.824818	-86.932178	56096.14	56246.2	3.82	56099.95	56096.11328	56101.85353	56099.33203	504978.1	5407984.1
L4980.0	504978.1	5407984.1	10451.20020	288.45	105.43	48.824818	-86.932178	56096.89	56246.2	3.81	56100.71	56096.78125	56102.17611	56099.62109	504978.1	5407984.1
L4980.0	504978.1	5407982.8	10451.20020	288.45	105.43	48.824806	-86.932178	56096.69	56246.2	3.81	56100.50	56096.48047	56102.54759	56099.96094	504978.1	5407982.8
L4980.0	504978.1	5407981.4	10451.29981	288.73	105.95	48.824793	-86.932178	56097.35	56246.2	3.81	56101.16	56097.04688	56102.85628	56100.23828	504978.1	5407981.4
L4980.0	504978.1	5407980.0	10451.50000	288.55	105.95	48.824780	-86.932178	56097.32	56246.2	3.80	56101.12	56096.91797	56103.23948	56100.58594	504978.1	5407980.0
L4980.0	504978.1	5407980.0	10451.59961	289.00	102.39	48.824780	-86.932178	56097.81	56246.2	3.80	56101.61	56097.31641	56103.55269	56100.86719	504978.1	5407980.0
L4980.0	504978.1	5407978.0	10451.70020	287.95	102.39	48.824763	-86.932178	56097.63	56246.2	3.79	56101.42	56097.03516	56103.98861	56101.26953	504978.1	5407978.0
L4980.0	504978.1	5407976.3	10451.79981	288.55	101.41	48.824748	-86.932177	56098.58	56246.2	3.79	56102.37	56097.89453	56104.18883	56101.43359	504978.1	5407976.3
L4980.0	504978.1	5407976.3	10451.90039	286.58	105.13	48.824748	-86.932177	56099.23	56246.2	3.78	56103.01	56098.44531	56104.42789	56101.63672	504978.1	5407976.3
L4980.0	504978.1	5407974.7	10452.00000	286.58	105.13	48.824733	-86.932177	56098.46	56246.2	3.78	56102.24	56097.58594	56105.05518	56102.23047	504978.1	5407974.7
L4980.0	504978.1	5407973.0	10452.09961	289.74	103.75	48.824717	-86.932177	56098.80	56246.2	3.78	56102.57	56097.82813	56105.38972	56102.52734	504978.1	5407973.0
L4980.0	504978.1	5407973.0	10452.20020	288.84	106.15	48.824717	-86.932177	56099.22	56246.2	3.77	56102.99	56098.15625	56105.51498	56102.61719	504978.1	5407973.0
L4980.0	504978.1	5407971.3	10452.29981	289.02	106.15	48.824702	-86.932177	56099.78	56246.2	3.77	56103.54	56098.61719	56105.95980	56103.02344	504978.1	5407971.3
L4980.0	504978.2	5407969.8	10452.40039	289.69	102.37	48.824689	-86.932177	56100.18	56246.2	3.76	56103.95	56098.93750	56106.33909	56103.36328	504978.2	5407969.8
L4980.0	504978.2	5407968.6	10452.50000	289.17	102.37	48.824678	-86.932176	56100.41	56246.2	3.76	56104.17	56099.07031	56106.63736	56103.62500	504978.2	5407968.6
L4980.0	504978.2	5407968.6	10452.59961	289.91	99.53	48.824678	-86.932176	56100.03	56246.2	3.76	56103.79	56098.60156	56106.70187	56103.65234	504978.2	5407968.6
L4980.0	504978.2	5407967.0	10452.70020	286.84	100.92	48.824664	-86.932176	56101.19	56246.2	3.75	56104.94	56099.66406	56107.34655	56104.25781	504978.2	5407967.0
L4980.0	504978.2	5407965.3	10452.79981	286.30	100.92	48.824649	-86.932176	56101.56	56246.3	3.75	56105.30	56099.93750	56107.68166	56104.55078	504978.2	5407965.3
L4980.0	504978.2	5407965.3	10452.90039	286.40	102.18	48.824649	-86.932176	56102.20	56246.3	3.74	56105.95	56100.50000	56108.11684	56104.94922	504978.2	5407965.3
L4980.0	504978.2	5407963.4	10453.00000	286.90	102.8	48.824631	-86.932176	56102.28	56246.3	3.74	56106.02	56100.48438	56108.33311	56105.12500	504978.2	5407963.4
L4980.0	504978.3	5407961.7	10453.09961	286.32	102.8	48.824616	-86.932175	56102.01	56246.3	3.74	56105.75	56100.12500	56108.42155	56105.17188	504978.3	5407961.7
L4980.0	504978.3	5407961.7	10453.20020	284.40	99.62	48.824616	-86.932175	56102.13	56246.3	3.74	56105.87	56100.16016	56108.64795	56105.35547	504978.3	5407961.7
L4980.0	504978.3	5407960.3	10453.20020	284.40	99.62	48.824603	-86.932175	56102.13	56246.3	3.74	56105.87	56100.07422	56108.82739	56105.49609	504978.3	5407960.3
L4980.0	504978.3	5407958.6	10453.40039	285.62	99.67	48.824588	-86.932175	56101.76	56246.3	3.74	56105.50	56099.62109	56108.86921	56105.49609	504978.3	5407958.6
L4980.0	504978.3	5407956.8	10453.50000	286.24	99.16	48.824572	-86.932175	56102.33	56246.3	3.74	56106.08	56100.11328	56109.25544	56105.83984	504978.3	5407956.8
L4980.0	504978.3	5407955.4	10453.59961	284.89	98.97	48.824560	-86.932175	56102.31	56246.3	3.75	56106.06	56100.01172	56109.42210	56105.96094	504978.3	5407955.4
L4980.0	504978.3	5407953.8	10453.70020	285.73	98.97	48.824545	-86.932175	56103.12	56246.3	3.75	56106.87	56100.73828	56109.89500	56106.39063	504978.3	5407953.8
L4980.0	504978.3	5407953.8	10453.79981	285.00	100.03	48.824545	-86.932175	56103.45	56246.3	3.75	56107.19	56100.97266	56110.19026	56106.64453	504978.3	5407953.8
L4980.0	504978.3	5407952.2	10453.90039	285.39	100.03	48.824531	-86.932174	56103.79	56246.3	3.75	56107.54	56101.24219	56110.49985	56106.91016	504978.3	5407952.2
L4980.0	504978.4	5407950.8	10454.00000	287.86	99.86	48.824518	-86.932174	56104.08	56246.3	3.75	56107.83	56101.44922	56110.79171	56107.15625	504978.4	5407950.8
L4980.0	504978.4	5407950.8	10454.09961	287.50	99.86	48.824518	-86.932174	56104.31	56246.3	3.75	56108.05	56101.58984	56111.06172	56107.38281	504978.4	5407950.8
L4980.0	504978.4	5407948.9	10454.20020	289.66	100.24	48.824501	-86.932174	56104.54	56246.3	3.74	56108.28	56101.73828	56111.33960	56107.61328	504978.4	5407948.9
L4980.0	504978.4	5407947.2	10454.29981	289.51	100.24	48.824485	-86.932174	56105.32	56246.3	3.74	56109.06	56102.43750	56111.82151	56108.05078	504978.4	5407947.2
L4980.0	504978.4	5407945.8	10454.40039	288.82	98.19	48.824473	-86.932174	56105.90	56246.3	3.73	56109.63	56102.92578	56112.22862	56108.41406	504978.4	5407945.8
L4980.0	504978.4	5407944.5	10454.50000	288.80	99.36	48.824461	-86.932174	56106.33	56246.3	3.73	56110.06	56103.27734	56112.58715	56108.72656	504978.4	5407944.5
L4980.0	504978.4	5407944.5	10454.59961	288.19	99.36	48.824461	-86.932174	56106.33	56246.3	3.73	56110.06	56103.19922	56112.79636	56108.89063	504978.4	5407944.5
L4980.0	504978.4	5407943.0	10454.70020	286.22	99.94	48.824448	-86.932174	56106.30	56246.3	3.72	56110.02	56103.08203	56112.99709	56109.04297	504978.4	5407943.0
L4980.0	504978.4	5407941.5	10454.79981	284.40	98.44	48.824435	-86.932174	56106.74	56246.3	3.72	56110.46	56103.44531	56113.36694	56109.36719	504978.4	5407941.5
L4980.0	504978.4	5407939.9	10454.90039	284.62	103.56	48.824420	-86.932174	56106.94	56246.3	3.71	56110.65	56103.55859	56113.65273	56109.60547	504978.4	5407939.9
L4980.0	504978.4	5407939.9	10455.00000	285.22	103.56	48.824420	-86.932174	56107.04	56246.3	3.71	56110.75	56103.58203	56113.91081	56109.81641	504978.4	5407939.9
L4980.0	504978.4	5407938.4	10455.09961	285.80	109.42	48.824406	-86.932174	56107.07	56246.3	3.71	56110.78	56103.53906	56114.14816	56110.00391	504978.4	5407938.4
L4980.0	504978.4	5407936.5	10455.20020	283.91	109.42	48.824389	-86.932173	56106.43	56246.3	3.71	56110.15	56102.83203	56114.17645	56109.98438	504978.4	5407936.5
L4980.0	504978.4	5407934.8	10455.20020	283.91	110.27	48.824374	-86.932173	56107.26	56246.3	3.71	56110.97	56103.58203	56114.66598	56110.42578	504978.4	5407934.8
L4980.0	504978.4	5407934.8	10455.40039	282.16	110.27	48.824374	-86.932173	56107.79	56246.3	3.71	56111.51	56104.04688	56115.06031	56110.77344	504978.4	5407934.8
L4980.0	504978.4	5407933.1	10455.50000	283.54	111.41	48.824359	-86.932173	56108.66	56246.3	3.71	56112.38	56104.84375	56115.55016	56111.21484	504978.4	5407933.1
L4980.0	504978.4	5407931.7	10455.59961	282.20	111.41	48.824346	-86.932173	56108.53	56246.3	3.72	56112.25	56104.64453	56115.72588	56111.34375	504978.4	5407931.7
L4980.0	504978.5	5407930.2	10455.70020	284.79	113.06	48.824333	-86.932173	56109.14	56246.3	3.72	56112.86	56105.18359	56116.12306	56111.69141	504978.5	5407930.2
L4980.0	504978.5	5407930.2	10455.79981	284.47	113.06	48.824333	-86.932173	56109.37	56246.3	3.72	56113.08	56105.33594	56116.39355	56111.91406	504978.5	5407930.2
L4980.0	504978.5	5407928.4	10455.90039	284.74	107.39	48.824316	-86.932173	56110.45	56246.3	3.72	56114.17	56106.35547	56116.92759	56112.39844	504978.5	5407928.4
L4980.0	504978.5	5407926.7	10456.00000	285.98	107.39	48.824301	-86.932173	56110.46	56246.3	3.72	56114.18	56106.29688	56117.12006	56112.54297	504978.5	5407926.7
L4980.0	504978.5	5407926.7	10456.09961	286.01	104.13	48.824301	-86.932173	56111.21	56246.3	3.72	56114.93	56106.98047	56117.54214	56112.91406	504978.5	5407926.7
L4980.0	504978.5	5407925.1	10456.20020	284.90	104.13	48.824287	-86.932173	56111.62	56246.3	3.71	56115.33	56107.31641	56117.85118	56113.17578	504978.5	5407925.1
L4980.0	504978.5	5407923.4	10456.29981	285.78	108.73	48.824272	-86.932172	56111.73	56246.3	3.71	56115.44	56107.35938	56118.06181	56113.33594	504978.5	5407923.4
L4980.0	504978.5	5407922.0	10456.40039	287.35	106.41	48.824259	-86.932172	56112.38	56246.3	3.70	56116.08	56107.93750	56118.45156	56113.67578	504978.5	5407922.0
L4980.0	504978.5	5407922.0	10456.50000	287.70	106.41	48.824259	-86.932172	56112.50	56246.3	3.70	56116.20	56107.99219	56118.66368	56113.83984	504978.5	5407922.0
L4980.0	504978.5	5407920.1	10456.59961	286.29	101.94	48.824242	-86.932172	56112.85	56246.3	3.70	56116.55	56108.28125	56118.95758	56114.08594	504978.5	5407920.1
L4980.0	504978.6	5407918.7	10456.70020	287.74	101.94	48.824229	-86.932172	56112.22	56246.3	3.69	56115.92	56107.58984	56118.89683	56113.97656	504978.6	5407918.7
L4980.0	504978.6	5407917.1	10456.79981	288.30	102.67	48.824214	-86.932172	56111.62	56246.3	3.69	56115.31	56106.91797	56118.83766	56113.86719	504978.6	5407917.1
L4980.0	504978.6	5407917.1	10456.90039	286.20	102.67	48.824214	-86.932172	56112.25	56246.3	3.68	56115.93	56107.48047	56119.23782	56114.21875	504978.6	5407917.1
L4980.0	504978.6	5407915.3	10457.00000	287.80	106.42	48.824199	-86.932171	56113.28	56246.3	3.68	56116.96	56108.45313	56119.80182	56114.73438	504978.6	5407915.3
L4980.0	504978.6	5407914.0	10457.09961	288.07	106.42	48.824187	-86.932171	56113.76	56246.3	3.68	56117.44	56108.87500	56120.16617	56115.04688	504978.6	5407914.0
L4980.0	504978.6	5407914.0	10457.20020	288.73	107.9	48.824187	-86.932171	56114.27	56246.3	3.68	56117.95	56109.32813	56120.54822	56115.38281	504978.6	5407914.0
L4980.0	504978.6	5407912.4	10457.20020	288.73	109.07	48.824172	-86.932171	56115.18	56246.3	3.68	56118.86	56110.18359	56121.08621	56115.87109	504978.6	5407912.4
L4980.0	504978.6	5407910.7	10457.40039	287.87	109.07	48.824157	-86.932171	56114.81	56246.3	3.67	56118.48	56109.75000	56121.13948	56115.87500	504978.6	5407910.7
L4980.0	504978.6	5407909.0	10457.50000	287.01	109.07	48.824142	-86.932171	56114.53	56246.3	3.67	56118.20	56109.41797	56121.23537	56115.92188	504978.6	5407909.0
L4980.0	504978.7	5407907.6	10457.59961	285.81	106.58	48.824130	-86.932170	56114.27	56246.3	3.67	56117.94	56109.10547	56121.34279	56115.98438	504978.7	5407907.6
L4980.0	504978.7	5407907.6	10457.70020	286.77	103.47	48.824130	-86.932170	56115.21	56246.3	3.67	56118.88	56109.99219	56121.89697	56116.48828	504978.7	5407907.6
L4980.0	504978.7	5407905.6	10457.79981	287.46	103.47	48.824111	-86.932170	56116.04	56246.3	3.66	56119.70	56110.76172	56122.40324	56116.94922	504978.7	5407905.6
L4980.0	504978.7	5407905.6	10457.90039	283.89	106.71	48.824111	-86.932170	56116.12	56246.3	3.66	56119.78	56110.79297	56122.63458	56117.13281	504978.7	5407905.6
L4980.0	504978.7	5407904.5	10458.00000	283.68	106.71	48.824101	-86.932170	56116.36	56246.3	3.66	56120.02	56110.98828	56122.92201	56117.37109	504978.7	5407904.5
L4980.0	504978.7	5407903.1	10458.09961	284.85	103.06	48.824089	-86.932170	56116.55	56246.3	3.66	56120.21	56111.12891	56123.18699	56117.58984	504978.7	5407903.1
L4980.0	504978.7	5407901.7	10458.20020	285.86	103.06	48.824076	-86.932170	56117.46	56246.3	3.66	56121.12	56111.99609	56123.71153	56118.06641	504978.7	5407901.7
L4980.0	504978.7	5407900.3	10458.29981	285.53	103.06	48.824063	-86.932170	56117.26	56246.3	3.66	56120.92	56111.75000	56123.82221	56118.13281	504978.7	5407900.3
L4980.0	504978.7	5407900.3	10458.40039	285.62	96.45	48.824063	-86.932170	56117.23	56246.3	3.66	56120.89	56111.67578	56123.98750	56118.25000	504978.7	5407900.3
L4980.0	504978.7	5407898.6	10458.50000	285.18	98.9	48.824048	-86.932170	56117.53	56246.3	3.66	56121.18	56111.92578	56124.26554	56118.48438	504978.7	5407898.6
L4980.0	504978.7	5407897.3	10458.59961	285.28	98.9	48.824036	-86.932170	56118.30	56246.3	3.65	56121.95	56112.65625	56124.72379	56118.89844	504978.7	5407897.3
L4980.0	504978.7	5407896.0	10458.70020	288.59	106.48	48.824025	-86.932170	56118.45	56246.3	3.65	56122.10	56112.76563	56124.93990	56119.06641	504978.7	5407896.0
L4980.0	504978.7	5407894.6	10458.79981	288.49	106.28	48.824012	-86.932170	56118.82	56246.3	3.65	56122.47	56113.09766	56125.23887	56119.32031	504978.7	5407894.6

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4980.0	504978.7	5407894.6	10458.90039	287.32	106.28	48.824012	-86.932170	56119.61	56246.3	3.65	56123.26	56113.85156	56125.70954	56119.75000	504978.7	5407894.6
L4980.0	504978.7	5407893.2	10459.00000	286.96	105.94	48.823999	-86.932170	56120.29	56246.3	3.65	56123.94	56114.49219	56126.14160	56120.13672	504978.7	5407893.2
L4980.0	504978.7	5407891.4	10459.09961	288.17	105.94	48.823983	-86.932170	56120.24	56246.4	3.65	56123.89	56114.41016	56126.02901	56119.98047	504978.7	5407891.4
L4980.0	504978.7	5407891.4	10459.20020	290.50	106.01	48.823983	-86.932170	56120.24	56246.4	3.65	56123.89	56114.37500	56126.40495	56120.31250	504978.7	5407891.4
L4980.0	504978.7	5407889.3	10459.20020	290.50	106.01	48.823965	-86.932171	56119.91	56246.4	3.65	56123.56	56114.01172	56126.86559	56120.73047	504978.7	5407889.3
L4980.0	504978.7	5407887.9	10459.29981	288.90	105.57	48.823952	-86.932171	56119.96	56246.4	3.64	56123.61	56114.03125	56127.20723	56121.03125	504978.7	5407887.9
L4980.0	504978.6	5407886.5	10459.40039	292.43	105.55	48.823939	-86.932171	56120.29	56246.4	3.64	56123.93	56114.32031	56127.48313	56121.26563	504978.6	5407886.5
L4980.0	504978.6	5407885.0	10459.50000	291.12	105.55	48.823926	-86.932171	56121.43	56246.4	3.64	56125.07	56115.43359	56127.58003	56121.32031	504978.6	5407885.0
L4980.0	504978.6	5407885.0	10459.59961	287.70	105.74	48.823926	-86.932171	56122.17	56246.4	3.64	56125.81	56116.14453	56127.79848	56121.50000	504978.6	5407885.0
L4980.0	504978.6	5407883.1	10459.70020	287.83	105.74	48.823909	-86.932172	56122.26	56246.4	3.64	56125.90	56116.20703	56128.17225	56121.83203	504978.6	5407883.1
L4980.0	504978.6	5407881.7	10459.79981	289.29	104.68	48.823896	-86.932172	56122.67	56246.4	3.63	56126.30	56116.58203	56128.48672	56122.10547	504978.6	5407881.7
L4980.0	504978.6	5407881.7	10459.90039	288.28	104.68	48.823896	-86.932172	56122.62	56246.4	3.63	56126.25	56116.50781	56128.90158	56122.48438	504978.6	5407881.7
L4980.0	504978.6	5407880.2	10460.00000	289.83	90.92	48.823883	-86.932172	56122.88	56246.4	3.63	56126.50	56116.73828	56129.26364	56122.80469	504978.6	5407880.2
L4980.0	504978.6	5407878.5	10460.20020	290.42	90.61	48.823868	-86.932172	56123.48	56246.4	3.63	56127.10	56117.31641	56129.56262	56123.06641	504978.6	5407878.5
L4980.0	504978.6	5407878.5	10460.20020	289.42	90.61	48.823868	-86.932172	56123.94	56246.4	3.63	56127.57	56117.76563	56129.89463	56123.36328	504978.6	5407878.5
L4980.0	504978.5	5407876.8	10460.29981	288.36	103.8	48.823853	-86.932173	56124.34	56246.4	3.63	56127.96	56118.13672	56130.24872	56123.67969	504978.5	5407876.8
L4980.0	504978.5	5407875.4	10460.50000	288.58	103.8	48.823840	-86.932173	56124.60	56246.4	3.63	56128.22	56118.37891	56130.63799	56124.03125	504978.5	5407875.4
L4980.0	504978.5	5407873.7	10460.59961	288.94	104.53	48.823825	-86.932174	56125.02	56246.4	3.62	56128.64	56118.78125	56130.99242	56124.35156	504978.5	5407873.7
L4980.0	504978.5	5407873.7	10460.70020	287.69	104.71	48.823825	-86.932174	56125.13	56246.4	3.62	56128.75	56118.87500	56131.43086	56124.75391	504978.5	5407873.7
L4980.0	504978.4	5407872.2	10460.79981	287.67	104.71	48.823811	-86.932174	56125.88	56246.4	3.62	56129.51	56119.62109	56131.69016	56124.97656	504978.4	5407872.2
L4980.0	504978.4	5407870.4	10460.90039	287.06	104.9	48.823794	-86.932175	56126.90	56246.4	3.62	56130.52	56120.62109	56131.85651	56125.10938	504978.4	5407870.4
L4980.0	504978.4	5407870.4	10461.00000	287.71	104.58	48.823794	-86.932175	56126.08	56246.4	3.62	56129.70	56119.78906	56132.59288	56125.81250	504978.4	5407870.4
L4980.0	504978.3	5407867.9	10461.09961	286.94	104.58	48.823772	-86.932176	56127.13	56246.4	3.62	56130.75	56120.82813	56133.00124	56126.18750	504978.3	5407867.9
L4980.0	504978.3	5407867.9	10461.20020	286.89	104.27	48.823772	-86.932176	56126.75	56246.4	3.62	56130.36	56120.42578	56133.06670	56126.22266	504978.3	5407867.9
L4980.0	504978.3	5407866.3	10461.20020	286.89	104.27	48.823758	-86.932176	56127.42	56246.4	3.62	56131.04	56121.09766	56133.57803	56126.69922	504978.3	5407866.3
L4980.0	504978.2	5407864.8	10461.29981	286.54	92.81	48.823745	-86.932177	56127.90	56246.4	3.62	56131.52	56121.57422	56134.00204	56127.09375	504978.2	5407864.8
L4980.0	504978.2	5407863.6	10461.50000	289.19	103.7	48.823734	-86.932177	56127.66	56246.4	3.62	56131.28	56121.32813	56134.13709	56127.19922	504978.2	5407863.6
L4980.0	504978.2	5407863.6	10461.59961	287.01	103.7	48.823734	-86.932177	56128.36	56246.4	3.61	56131.97	56122.01172	56134.63751	56127.66797	504978.2	5407863.6
L4980.0	504978.1	5407861.8	10461.70020	287.82	103.36	48.823717	-86.932178	56128.64	56246.4	3.61	56132.25	56122.28906	56134.97295	56127.97656	504978.1	5407861.8
L4980.0	504978.1	5407860.5	10461.79981	286.56	102.84	48.823706	-86.932179	56129.39	56246.4	3.61	56133.01	56123.04688	56135.48830	56128.46094	504978.1	5407860.5
L4980.0	504978.1	5407858.8	10461.90039	287.58	102.84	48.823690	-86.932179	56129.25	56246.4	3.61	56132.86	56122.89453	56135.65227	56128.59766	504978.1	5407858.8
L4980.0	504978.0	5407857.4	10462.00000	286.16	97.54	48.823677	-86.932180	56129.56	56246.4	3.61	56133.17	56123.20313	56135.98821	56128.90625	504978.0	5407857.4
L4980.0	504978.0	5407856.1	10462.09961	285.17	97.54	48.823666	-86.932180	56130.05	56246.4	3.61	56133.66	56123.69531	56136.38900	56129.28125	504978.0	5407856.1
L4980.0	504978.0	5407856.1	10462.20020	286.24	99.64	48.823666	-86.932180	56130.54	56246.4	3.60	56134.14	56124.17969	56136.78345	56129.64844	504978.0	5407856.1
L4980.0	504978.0	5407854.1	10462.29981	285.71	97.76	48.823648	-86.932180	56131.24	56246.4	3.60	56134.84	56124.88281	56137.25925	56130.09766	504978.0	5407854.1
L4980.0	504978.0	5407853.1	10462.40039	284.93	97.76	48.823639	-86.932180	56130.74	56246.4	3.59	56134.33	56124.37500	56137.27679	56130.08984	504978.0	5407853.1
L4980.0	504978.0	5407851.5	10462.50000	285.55	101.57	48.823625	-86.932181	56130.74	56246.4	3.58	56134.32	56124.37109	56137.48246	56130.27344	504978.0	5407851.5
L4980.0	504978.0	5407851.5	10462.59961	285.10	101.57	48.823625	-86.932181	56131.65	56246.4	3.58	56135.23	56125.28906	56138.03851	56130.80469	504978.0	5407851.5
L4980.0	504978.0	5407850.1	10462.70020	286.07	102.22	48.823612	-86.932181	56132.06	56246.4	3.57	56135.63	56125.69531	56138.40322	56131.14453	504978.0	5407850.1
L4980.0	504978.0	5407849.1	10462.79981	287.39	102.47	48.823603	-86.932181	56132.92	56246.4	3.57	56136.49	56126.56250	56138.94643	56131.66797	504978.0	5407849.1
L4980.0	504978.0	5407847.3	10462.90039	289.12	102.47	48.823587	-86.932181	56132.71	56246.4	3.56	56136.27	56126.35156	56139.08206	56131.78125	504978.0	5407847.3
L4980.0	504977.9	5407845.6	10463.00000	287.25	102.5	48.823572	-86.932181	56132.84	56246.4	3.56	56136.40	56126.49609	56139.35665	56132.03516	504977.9	5407845.6
L4980.0	504978.0	5407844.2	10463.09961	288.30	94.67	48.823559	-86.932181	56133.88	56246.4	3.56	56137.44	56127.54688	56139.98065	56132.63672	504978.0	5407844.2
L4980.0	504978.0	5407844.2	10463.20020	290.29	94.67	48.823559	-86.932181	56134.08	56246.4	3.56	56137.64	56127.75781	56140.29371	56132.92969	504978.0	5407844.2
L4980.0	504977.9	5407842.4	10463.20020	290.29	99.37	48.823543	-86.932181	56134.31	56246.4	3.56	56137.87	56128.00000	56140.62573	56133.24219	504977.9	5407842.4
L4980.0	504977.9	5407840.8	10463.40039	287.12	99.37	48.823529	-86.932181	56134.33	56246.4	3.56	56137.90	56128.04688	56140.89380	56133.49219	504977.9	5407840.8
L4980.0	504977.9	5407839.5	10463.50000	287.96	94.64	48.823517	-86.932181	56134.41	56246.4	3.57	56137.97	56128.13281	56141.18714	56133.76563	504977.9	5407839.5
L4980.0	504977.9	5407839.5	10463.59961	286.09	96.12	48.823517	-86.932181	56134.91	56246.4	3.57	56138.48	56128.65625	56141.64279	56134.20313	504977.9	5407839.5
L4980.0	504977.9	5407838.2	10463.70020	287.00	96.02	48.823505	-86.932181	56135.39	56246.4	3.57	56138.95	56129.14453	56142.08867	56134.63281	504977.9	5407838.2
L4980.0	504977.9	5407837.0	10463.79981	286.70	96.02	48.823494	-86.932181	56135.98	56246.4	3.57	56139.54	56129.75391	56142.57574	56135.10547	504977.9	5407837.0
L4980.0	504977.9	5407835.0	10463.90039	286.78	97.1	48.823476	-86.932181	56136.28	56246.4	3.57	56139.85	56130.08203	56142.97368	56135.48438	504977.9	5407835.0
L4980.0	504977.9	5407833.4	10464.00000	287.64	97.1	48.823462	-86.932182	56136.66	56246.4	3.57	56140.23	56130.48047	56143.39524	56135.89063	504977.9	5407833.4
L4980.0	504977.9	5407833.4	10464.09961	284.65	102.42	48.823462	-86.932182	56136.73	56246.4	3.57	56140.31	56130.58203	56143.72952	56136.21094	504977.9	5407833.4
L4980.0	504977.9	5407831.7	10464.20020	283.67	102.42	48.823446	-86.932182	56137.98	56246.4	3.57	56141.55	56131.84375	56144.39145	56136.85938	504977.9	5407831.7
L4980.0	504977.9	5407830.2	10464.29981	282.56	101.6	48.823433	-86.932182	56136.98	56246.4	3.57	56140.56	56130.87500	56144.43317	56136.88672	504977.9	5407830.2
L4980.0	504977.9	5407830.2	10464.40039	283.19	98.46	48.823433	-86.932182	56138.11	56246.4	3.57	56141.68	56132.01953	56145.04460	56137.48438	504977.9	5407830.2
L4980.0	504977.9	5407828.5	10464.50000	283.48	98.46	48.823418	-86.932182	56138.55	56246.4	3.57	56142.13	56132.49219	56145.46860	56137.89453	504977.9	5407828.5
L4980.0	504977.9	5407826.7	10464.59961	282.14	101.88	48.823402	-86.932182	56138.79	56246.4	3.58	56142.36	56132.74609	56145.82977	56138.24219	504977.9	5407826.7
L4980.0	504977.9	5407825.3	10464.70020	283.64	101.98	48.823389	-86.932182	56139.44	56246.4	3.58	56143.01	56133.42188	56146.28799	56138.68750	504977.9	5407825.3
L4980.0	504977.9	5407825.3	10464.79981	282.27	101.98	48.823389	-86.932182	56139.64	56246.4	3.58	56143.22	56133.65625	56146.62762	56139.01563	504977.9	5407825.3
L4980.0	504977.9	5407823.6	10464.90039	280.01	102.48	48.823374	-86.932182	56139.44	56246.4	3.58	56143.02	56133.48047	56146.85429	56139.23047	504977.9	5407823.6
L4980.0	504977.9	5407822.5	10465.00000	282.61	102.48	48.823364	-86.932182	56139.87	56246.4	3.58	56143.45	56133.93750	56147.22717	56139.59375	504977.9	5407822.5
L4980.0	504977.9	5407821.1	10465.09961	282.78	102.45	48.823351	-86.932182	56140.25	56246.4	3.58	56143.83	56134.34766	56147.57720	56139.93359	504977.9	5407821.1
L4980.0	504977.9	5407819.6	10465.20020	283.84	101.44	48.823338	-86.932182	56141.21	56246.4	3.58	56144.79	56135.33594	56148.07604	56140.42188	504977.9	5407819.6
L4980.0	504977.9	5407819.6	10465.20020	283.84	101.44	48.823338	-86.932182	56141.84	56246.4	3.58	56145.42	56135.99219	56148.48513	56140.82031	504977.9	5407819.6
L4980.0	504977.9	5407818.1	10465.40039	285.13	103.55	48.823324	-86.932182	56142.17	56246.4	3.58	56145.75	56136.35156	56148.80423	56141.12891	504977.9	5407818.1
L4980.0	504977.9	5407816.3	10465.50000	285.39	103.55	48.823308	-86.932182	56142.11	56246.4	3.58	56145.69	56136.32031	56148.99346	56141.30859	504977.9	5407816.3
L4980.0	504977.9	5407815.4	10465.59961	286.28	103.48	48.823300	-86.932182	56142.22	56246.4	3.58	56145.80	56136.46094	56149.21936	56141.52734	504977.9	5407815.4
L4980.0	504977.9	5407814.0	10465.70020	287.58	103.48	48.823287	-86.932182	56142.86	56246.4	3.58	56146.44	56137.12891	56149.61630	56141.91406	504977.9	5407814.0
L4980.0	504977.9	5407814.0	10465.79981	288.82	103.97	48.823287	-86.932182	56143.67	56246.4	3.58	56147.25	56137.97266	56150.08240	56142.37500	504977.9	5407814.0
L4980.0	504977.9	5407812.6	10465.90039	289.17	104.45	48.823275	-86.932182	56144.47	56246.4	3.58	56148.05	56138.80078	56150.55971	56142.84375	504977.9	5407812.6
L4980.0	504977.9	5407811.1	10466.00000	289.78	104.45	48.823261	-86.932182	56144.61	56246.4	3.58	56148.19	56138.97266	56150.78662	56143.06250	504977.9	5407811.1
L4980.0	504977.9	5407809.7	10466.09961	287.73	100.83	48.823248	-86.932182	56144.93	56246.4	3.58	56148.51	56139.32422	56151.08335	56143.35156	504977.9	5407809.7
L4980.0	504977.9	5407809.7	10466.20020	288.80	98	48.823248	-86.932182	56144.93	56246.4	3.59	56148.51	56139.35547	56151.66879	56143.92969	504977.9	5407809.7
L4980.0	504977.9	5407807.8	10466.29981	288.31	98	48.823231	-86.932182	56145.79	56246.4	3.59	56149.38	56140.25781	56151.89647	56144.15234	504977.9	5407807.8
L4980.0	504977.9	5407806.2	10466.40039	289.79	105.07	48.823218	-86.932182	56145.82	56246.4	3.59	56149.41	56140.32031	56152.36640	56144.61328	504977.9	5407806.2
L4980.0	504977.9	5407805.2	10466.50000	289.39	105.42	48.823208	-86.932182	56146.12	56246.4	3.60	56149.72	56140.66406	56152.76736	56145.00781	504977.9	5407805.2
L4980.0	504977.9	5407803.5	10466.59961	289.85	105.42	48.823193	-86.932182	56147.26	56246.4	3.60	56150.86	56141.83594	56153.02645	56145.26172	504977.9	5407803.5
L4980.0	504977.9	5407802.3	10466.70020	292.07	105.58	48.823182	-86.932182	56147.40	56246.4	3.60	56151.00	56142.00781	56153.48970	56145.71875	504977.9	5407802.3
L4980.0	504977.9	5407801.1	10466.79981	289.58	105.39	48.823172	-86.932182	56148.06	56246.4	3.60	56151.67	56142.71094	56153.87770	56146.10156	504977.9	5407801.1
L4980.0	504977.9	5407801.1	10466.90039	287.71	104.83	48.823172	-86.932182	56148.70	56246.4	3.61	56152.31	56143.38672	56154.28493	56146.50391	504977.9	5407801.1
L4980.0	504977.9	5407799.2	10467.00000	287.92	104.83	48.823154	-86.932182	56149.38	56246.4	3.61	56152.99	56144.09766	56154.69803	56146.91016	504977.9	5407799.2
L4980.0	504977.9	5407797.7	10467.09961	287.45	105.52	48.823140	-86.932182	56149.96	56246.4	3.60	56153.57	56144.71094	56155.12945	56147.33594	504977.9	5407797.7
L4980.0	504977.9	5407796.4	10467.20020	289.86	105.52	48.823129	-86.932182	56150.14	56246.4	3.60	56153.73	56144.90625	56155.60628	56147.80859	504977.9	5407796.4
L4980.0	504977.9	5407796.4	10467.20020	289.86	105.52	48.823129	-86.932182	56150.52	56246.4	3.60	56154.12	56145.32813	56156.06147	56148.25781	504977.9	5407796.4
L4980.0	504977.9	5407794.9	10467.29981	290.12	105.39	48.823116	-86.932182	56150.63	56246.4	3.59	56154.22	56145.46094	56156.54632	56148.73828	504977.9	5407794.9
L4980.0	504977.9	5407793.6	10467.50000	286.74	105.39	48.823104	-86.932183	56152.18	56246.4	3.57	56155.75	56147.02344	56156.90579	56149.09375	504977.9	5407793.6
L4980.0	504977.9	5407792.4	10467.59961	288.57	105.54	48.823093	-86.932183	56151.54	56246.4	3.57	56155.10	56146.40625	56157.46888	56149.65234	504977.9	5407792.4
L4980.0	504977.8	5407791.3	10467.70020	291.30	105.83	48.823083	-86.932183	56151.18	56246.4	3.56	56154.74	56146.07813	56158.01604	56150.19141	504977.8	5407791.3
L4980.0	504977.8	5407790.0	10467.79981	291.32	105.83	48.823071	-86.932183	56153.06	56246.4	3.55	56156.61	56147.98047	56158.35968	56150.53125	504977.8	5407790.0
L4980.0	504977.8	5407790.0	10467.90039	289.09	105.83	48.823071	-86.932183	56153.07	56246.5	3.55	56156.62	56148.02344	56158.89027	56151.05859	504977.8	5407790.0
L4980.0	504977.8	5407787.0	10468.00000	287.85	106.02	48.823044	-86.932184	56153.96	56246.5	3.54	56157.50	56148.93750	56159.33957	56151.50000	504977.8	5407787.0
L4980.0	504977.8	5407787.0	10468.09961	288.36	106.02	48.823044	-86.932184	56153.77	56246.5	3.54	56157.31	56148.78125	56159.91533	56152.07031	504977.8	5407787.0

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4980.0	504977.8	5407785.3	10468.20020	290.19	106.34	48.823029	-86.932184	56154.80	56246.5	3.54	56158.34	56149.83984	56160.35872	56152.51172	504977.8	5407785.3
L4980.0	504977.8	5407783.7	10468.29981	290.44	106.34	48.823014	-86.932184	56154.94	56246.5	3.54	56158.48	56150.01172	56160.91954	56153.06641	504977.8	5407783.7
L4980.0	504977.8	5407783.7	10468.40039	291.72	105.74	48.823014	-86.932184	56155.48	56246.5	3.54	56159.02	56150.58203	56161.43751	56153.57813	504977.8	5407783.7
L4980.0	504977.7	5407782.0	10468.50000	290.57	106.62	48.823000	-86.932185	56156.08	56246.5	3.55	56159.62	56151.21484	56161.95231	56154.08984	504977.7	5407782.0
L4980.0	504977.7	5407782.0	10468.59961	289.42	106.62	48.823000	-86.932185	56157.25	56246.5	3.55	56160.79	56152.41406	56162.38045	56154.51172	504977.7	5407782.0
L4980.0	504977.7	5407778.9	10468.70020	290.33	106.62	48.822972	-86.932185	56157.10	56246.5	3.55	56160.64	56152.29688	56163.02403	56155.14844	504977.7	5407778.9
L4980.0	504977.7	5407777.5	10468.79981	290.16	106.62	48.822959	-86.932185	56158.04	56246.5	3.55	56161.58	56153.26563	56163.49253	56155.61328	504977.7	5407777.5
L4980.0	504977.7	5407777.5	10468.90039	287.61	107.17	48.822959	-86.932185	56157.98	56246.5	3.55	56161.53	56153.24609	56164.14010	56156.25391	504977.7	5407777.5
L4980.0	504977.7	5407775.8	10469.00000	286.39	107.17	48.822944	-86.932185	56158.48	56246.4	3.55	56162.03	56153.77344	56164.69778	56156.80859	504977.7	5407775.8
L4980.0	504977.7	5407774.0	10469.09961	286.28	107.55	48.822928	-86.932186	56159.70	56246.5	3.55	56163.25	56155.02344	56165.12446	56157.22656	504977.7	5407774.0
L4980.0	504977.7	5407772.2	10469.20020	285.63	107.55	48.822912	-86.932186	56159.86	56246.5	3.54	56163.40	56155.19922	56165.75873	56157.85547	504977.7	5407772.2
L4980.0	504977.7	5407772.2	10469.20020	285.63	101.66	48.822912	-86.932186	56160.69	56246.5	3.54	56164.24	56156.06641	56166.26573	56158.35547	504977.7	5407772.2
L4980.0	504977.7	5407770.8	10469.40039	287.00	105.49	48.822899	-86.932186	56161.63	56246.5	3.54	56165.17	56157.02344	56166.75999	56158.84375	504977.7	5407770.8
L4980.0	504977.7	5407769.4	10469.50000	287.82	105.49	48.822886	-86.932186	56161.67	56246.5	3.54	56165.21	56157.08984	56167.43158	56159.51172	504977.7	5407769.4
L4980.0	504977.7	5407769.4	10469.59961	287.87	105.49	48.822886	-86.932186	56162.58	56246.5	3.53	56166.11	56158.01953	56167.94166	56160.01172	504977.7	5407769.4
L4980.0	504977.6	5407767.3	10469.70020	288.88	108.25	48.822868	-86.932186	56163.07	56246.5	3.53	56166.60	56158.53125	56168.53532	56160.60156	504977.6	5407767.3
L4980.0	504977.6	5407766.0	10469.79981	289.74	108.87	48.822856	-86.932186	56163.45	56246.5	3.53	56166.97	56158.92578	56169.15488	56161.21094	504977.6	5407766.0
L4980.0	504977.6	5407764.4	10469.90039	289.61	108.87	48.822841	-86.932186	56164.53	56246.5	3.52	56168.05	56160.03125	56169.65265	56161.70313	504977.6	5407764.4
L4980.0	504977.6	5407764.4	10470.00000	288.38	109.2	48.822841	-86.932186	56164.82	56246.5	3.52	56168.34	56160.34375	56170.29444	56162.33594	504977.6	5407764.4
L4980.0	504977.6	5407763.1	10470.09961	288.37	109.2	48.822830	-86.932186	56165.95	56246.5	3.52	56169.47	56161.50000	56170.80163	56162.83594	504977.6	5407763.1
L4980.0	504977.6	5407760.9	10470.20020	289.14	109.66	48.822810	-86.932186	56167.08	56246.5	3.52	56170.60	56162.65234	56171.32090	56163.34766	504977.6	5407760.9
L4980.0	504977.7	5407759.7	10470.29981	290.14	109.66	48.822799	-86.932186	56167.02	56246.5	3.52	56170.54	56162.61328	56172.02383	56164.04297	504977.7	5407759.7
L4980.0	504977.7	5407759.7	10470.40039	289.83	110.14	48.822799	-86.932186	56167.97	56246.5	3.52	56171.48	56163.57422	56172.58354	56164.59375	504977.7	5407759.7
L4980.0	504977.7	5407758.3	10470.50000	289.11	110.14	48.822786	-86.932186	56168.20	56246.5	3.51	56171.71	56163.82422	56173.24484	56165.24609	504977.7	5407758.3
L4980.0	504977.7	5407756.8	10470.59961	288.78	109.91	48.822773	-86.932186	56168.84	56246.5	3.51	56172.35	56164.48438	56173.85522	56165.84766	504977.7	5407756.8
L4980.0	504977.7	5407756.8	10470.70020	290.54	110.31	48.822773	-86.932186	56169.98	56246.5	3.51	56173.49	56165.64063	56174.41015	56166.39453	504977.7	5407756.8
L4980.0	504977.7	5407754.9	10470.79981	290.33	110.31	48.822756	-86.932186	56170.60	56246.5	3.51	56174.11	56166.28125	56175.03399	56167.00781	504977.7	5407754.9
L4980.0	504977.7	5407753.6	10470.90039	290.79	110.33	48.822744	-86.932186	56171.77	56246.5	3.51	56175.28	56167.46484	56175.59468	56167.55859	504977.7	5407753.6
L4980.0	504977.7	5407752.2	10471.00000	292.72	110.33	48.822731	-86.932186	56172.13	56246.5	3.51	56175.64	56167.84375	56176.25350	56168.20703	504977.7	5407752.2
L4980.0	504977.7	5407750.9	10471.09961	289.95	110.82	48.822720	-86.932186	56172.90	56246.5	3.51	56176.41	56168.62891	56176.86279	56168.80859	504977.7	5407750.9
L4980.0	504977.7	5407750.9	10471.20020	289.61	111.29	48.822720	-86.932186	56173.34	56246.5	3.50	56176.85	56169.08203	56177.51477	56169.44922	504977.7	5407750.9
L4980.0	504977.7	5407748.4	10471.20020	289.61	111.47	48.822697	-86.932186	56174.02	56246.5	3.50	56177.52	56169.76953	56178.13775	56170.05859	504977.7	5407748.4
L4980.0	504977.7	5407747.3	10471.29981	288.63	111.47	48.822687	-86.932185	56174.60	56246.5	3.50	56178.10	56170.35938	56178.77439	56170.68359	504977.7	5407747.3
L4980.0	504977.7	5407747.3	10471.50000	288.57	111.3	48.822687	-86.932185	56175.78	56246.5	3.50	56179.28	56171.55469	56179.31135	56171.21094	504977.7	5407747.3
L4980.0	504977.7	5407745.7	10471.59961	288.88	101.69	48.822673	-86.932185	56176.02	56246.5	3.49	56179.51	56171.79688	56180.00692	56171.89453	504977.7	5407745.7
L4980.0	504977.8	5407744.4	10471.70020	288.88	98.15	48.822661	-86.932185	56176.73	56246.5	3.49	56180.22	56172.51563	56180.61884	56172.49219	504977.8	5407744.4
L4980.0	504977.8	5407744.4	10471.79981	288.14	98.15	48.822661	-86.932185	56177.86	56246.5	3.49	56181.34	56173.64453	56181.13930	56173.00000	504977.8	5407744.4
L4980.0	504977.8	5407742.3	10471.90039	284.60	100.47	48.822643	-86.932184	56177.94	56246.5	3.48	56181.42	56173.73438	56181.88679	56173.73438	504977.8	5407742.3
L4980.0	504977.8	5407740.8	10472.00000	285.74	100.47	48.822629	-86.932184	56178.70	56246.5	3.48	56182.18	56174.50391	56182.48357	56174.32031	504977.8	5407740.8
L4980.0	504977.8	5407739.3	10472.09961	287.78	108.35	48.822616	-86.932184	56179.43	56246.5	3.48	56182.91	56175.24219	56183.08559	56174.90625	504977.8	5407739.3
L4980.0	504977.9	5407738.2	10472.20020	286.61	99.73	48.822606	-86.932184	56179.66	56246.5	3.48	56183.14	56175.47656	56183.83109	56175.64063	504977.9	5407738.2
L4980.0	504977.9	5407736.6	10472.29981	287.89	99.73	48.822591	-86.932183	56180.88	56246.5	3.48	56184.36	56176.70313	56184.28778	56176.08203	504977.9	5407736.6
L4980.0	504977.9	5407736.6	10472.40039	287.63	108.37	48.822591	-86.932183	56181.78	56246.5	3.48	56185.25	56177.59766	56184.83110	56176.60938	504977.9	5407736.6
L4980.0	504977.9	5407735.1	10472.50000	287.66	108.37	48.822578	-86.932183	56182.39	56246.5	3.48	56185.86	56178.21094	56185.55865	56177.32422	504977.9	5407735.1
L4980.0	504977.9	5407733.5	10472.59961	286.36	103.18	48.822563	-86.932183	56182.77	56246.5	3.47	56186.24	56178.59375	56186.03399	56177.78125	504977.9	5407733.5
L4980.0	504977.9	5407732.3	10472.70020	286.84	103.18	48.822553	-86.932183	56183.66	56246.5	3.47	56187.13	56179.48828	56186.71672	56178.44922	504977.9	5407732.3
L4980.0	504977.9	5407732.3	10472.79981	286.73	105.97	48.822553	-86.932183	56184.69	56246.5	3.47	56188.16	56180.51953	56187.44679	56179.16406	504977.9	5407732.3
L4980.0	504977.9	5407730.6	10472.90039	286.55	105.97	48.822537	-86.932182	56185.83	56246.5	3.47	56189.30	56181.66016	56188.20849	56179.90625	504977.9	5407730.6
L4980.0	504977.9	5407729.1	10473.00000	286.98	111.39	48.822524	-86.932182	56186.64	56246.5	3.47	56190.11	56182.46875	56188.83373	56180.51563	504977.9	5407729.1
L4980.0	504978.0	5407728.1	10473.09961	287.11	110.45	48.822514	-86.932182	56186.44	56246.5	3.47	56189.90	56182.25781	56189.07954	56180.74609	504978.0	5407728.1
L4980.0	504978.0	5407726.8	10473.20020	287.00	110.45	48.822503	-86.932182	56186.80	56246.5	3.46	56190.26	56182.61328	56189.54062	56181.18750	504978.0	5407726.8
L4980.0	504978.0	5407725.6	10473.20020	287.00	111.82	48.822492	-86.932182	56188.16	56246.5	3.46	56191.62	56183.97266	56190.35056	56181.98047	504978.0	5407725.6
L4980.0	504978.0	5407723.8	10473.40039	288.52	111.76	48.822476	-86.932182	56188.94	56246.6	3.45	56192.39	56184.73828	56190.94476	56182.55469	504978.0	5407723.8
L4980.0	504978.0	5407722.3	10473.50000	289.01	111.76	48.822463	-86.932182	56189.59	56246.6	3.44	56193.04	56185.38281	56191.49422	56183.08594	504978.0	5407722.3
L4980.0	504978.0	5407722.3	10473.59961	287.20	112.29	48.822463	-86.932182	56189.30	56246.6	3.44	56192.74	56185.07813	56191.73394	56183.30469	504978.0	5407722.3
L4980.0	504978.0	5407721.0	10473.70020	287.89	112.29	48.822451	-86.932182	56189.86	56246.6	3.43	56193.29	56185.62109	56192.25313	56183.80469	504978.0	5407721.0
L4980.0	504978.0	5407719.4	10473.79981	285.25	112.06	48.822436	-86.932182	56190.18	56246.6	3.43	56193.61	56185.93359	56192.69940	56184.23047	504978.0	5407719.4
L4980.0	504978.0	5407719.4	10473.90039	283.96	109.47	48.822436	-86.932182	56191.14	56246.6	3.42	56194.57	56186.88281	56193.34181	56184.85156	504978.0	5407719.4
L4980.0	504978.0	5407717.9	10474.00000	283.75	109.47	48.822423	-86.932181	56192.03	56246.6	3.42	56195.45	56187.75391	56193.95492	56185.44531	504978.0	5407717.9
L4980.0	504978.0	5407716.5	10474.09961	284.01	80.65	48.822410	-86.932181	56192.96	56246.6	3.42	56196.38	56188.67578	56194.57951	56186.04688	504978.0	5407716.5
L4980.0	504978.0	5407715.0	10474.20020	283.95	80.65	48.822396	-86.932181	56193.76	56246.6	3.42	56197.18	56189.46484	56195.16341	56186.60938	504978.0	5407715.0
L4980.0	504978.0	5407715.0	10474.29981	284.16	82.59	48.822396	-86.932181	56193.97	56246.6	3.43	56197.40	56189.67188	56195.57691	56187.00000	504978.0	5407715.0
L4980.0	504978.0	5407713.5	10474.40039	283.81	110.82	48.822384	-86.932181	56194.43	56246.6	3.43	56197.86	56190.11719	56196.06175	56187.46094	504978.0	5407713.5
L4980.0	504978.0	5407712.1	10474.50000	283.70	110.82	48.822370	-86.932181	56195.04	56246.6	3.43	56198.47	56190.71484	56196.59150	56187.96875	504978.0	5407712.1
L4980.0	504978.0	5407712.1	10474.59961	286.01	83.52	48.822370	-86.932181	56195.26	56246.6	3.43	56198.69	56190.92188	56197.00704	56188.35938	504978.0	5407712.1
L4980.0	504978.0	5407710.3	10474.70020	285.80	95.9	48.822354	-86.932181	56195.57	56246.6	3.43	56199.01	56191.22656	56197.45174	56188.78125	504978.0	5407710.3
L4980.0	504978.0	5407709.2	10474.79981	286.23	95.9	48.822344	-86.932181	56196.73	56246.6	3.44	56200.17	56192.36719	56198.15349	56189.45703	504978.0	5407709.2
L4980.0	504978.0	5407707.7	10474.90039	284.61	95.46	48.822331	-86.932181	56197.12	56246.6	3.44	56200.56	56192.74219	56198.62333	56189.90234	504978.0	5407707.7
L4980.0	504978.0	5407706.6	10475.00000	284.35	96.19	48.822321	-86.932182	56197.82	56246.6	3.44	56201.26	56193.42188	56199.19247	56190.44531	504978.0	5407706.6
L4980.0	504978.0	5407706.6	10475.09961	285.33	96.19	48.822321	-86.932182	56198.78	56246.6	3.44	56202.22	56194.36328	56199.85207	56191.08203	504978.0	5407706.6
L4980.0	504978.0	5407704.9	10475.20020	286.17	108.93	48.822306	-86.932182	56198.96	56246.6	3.44	56202.40	56194.52734	56200.25284	56191.45313	504978.0	5407704.9
L4980.0	504978.0	5407703.4	10475.20020	286.17	108.93	48.822292	-86.932182	56200.33	56246.6	3.44	56203.77	56195.87500	56201.06563	56192.24219	504978.0	5407703.4
L4980.0	504978.0	5407703.4	10475.40039	285.58	93.87	48.822292	-86.932182	56200.02	56246.6	3.44	56203.46	56195.54297	56201.28261	56192.42969	504978.0	5407703.4
L4980.0	504978.0	5407702.0	10475.50000	286.59	92.88	48.822280	-86.932182	56200.20	56246.6	3.44	56203.64	56195.70313	56201.66217	56192.78125	504978.0	5407702.0
L4980.0	504978.0	5407700.7	10475.59961	286.66	92.88	48.822268	-86.932182	56201.20	56246.6	3.44	56204.64	56196.67969	56202.34355	56193.43750	504978.0	5407700.7
L4980.0	504978.0	5407699.5	10475.70020	286.55	93.35	48.822258	-86.932182	56201.72	56246.6	3.44	56205.16	56197.17578	56202.83947	56193.90234	504978.0	5407699.5
L4980.0	504978.0	5407698.1	10475.79981	285.95	93.35	48.822244	-86.932182	56202.75	56246.6	3.44	56206.19	56198.18359	56203.52908	56194.56250	504978.0	5407698.1
L4980.0	504978.0	5407696.6	10475.90039	287.39	107.4	48.822232	-86.932183	56203.38	56246.6	3.44	56206.82	56198.78906	56204.05512	56195.06250	504978.0	5407696.6
L4980.0	504978.0	5407696.6	10476.00000	287.86	106.43	48.822232	-86.932183	56202.86	56246.6	3.44	56206.30	56198.24219	56204.10931	56195.08594	504978.0	5407696.6
L4980.0	504977.9	5407695.4	10476.09961	288.79	106.43	48.822220	-86.932183	56203.77	56246.6	3.44	56207.20	56199.11719	56204.72261	56195.66797	504977.9	5407695.4
L4980.0	504977.9	5407694.2	10476.20020	289.16	106.47	48.822209	-86.932183	56204.31	56246.6	3.43	56207.74	56199.62891	56205.17970	56196.09375	504977.9	5407694.2
L4980.0	504977.9	5407693.1	10476.29981	289.00	91.16	48.822199	-86.932183	56204.92	56246.6	3.43	56208.35	56200.21094	56205.65297	56196.53516	504977.9	5407693.1
L4980.0	504977.9	5407692.2	10476.40039	288.58	91.16	48.822191	-86.932183	56204.56	56246.6	3.42	56207.98	56199.81250	56205.72609	56196.57813	504977.9	5407692.2
L4980.0	504977.9	5407691.1	10476.50000	289.13	104.44	48.822181	-86.932184	56205.23	56246.6	3.42	56208.65	56200.45313	56206.20413	56197.02344	504977.9	5407691.1
L4980.0	504977.9	5407691.1	10476.59961	287.73	104.44	48.822181	-86.932184	56205.92	56246.6	3.41	56209.33	56201.10547	56206.67532	56197.46484	504977.9	5407691.1
L4980.0	504977.9	5407688.9	10476.70020	286.15	103.57	48.822162	-86.932184	56206.38	56246.6	3.40	56209.79	56201.53516	56207.05347	56197.80859	504977.9	5407688.9
L4980.0	504977.9	5407688.9	10476.79981	286.44	88.69	48.822162	-86.932184	56206.35	56246.6	3.40	56209.75	56201.46094	56207.24089	56197.96094	504977.9	5407688.9
L4980.0	504977.8	5407687.0	10476.90039	285.55	88.69	48.822145	-86.932184	56206.86	56246.6	3.39	56210.25	56201.92969	56207.62661	56198.31641	504977.8	5407687.0
L4980.0	504977.8	5407687.0	10477.00000	282.79	85.98	48.822145	-86.932184	56207.05	56246.6	3.39	56210.44	56202.08984	56207.89834	56198.55078	504977.8	5407687.0
L4980.0	504977.8	5407685.9	10477.09961	285.49	85.5	48.822135	-86.932185	56207.64	56246.6	3.39	56211.04	56202.65625	56208.31502	56198.93359	504977.8	5407685.9
L4980.0	504977.8	5407684.8	10477.20020	285.86	90.1	48.822125	-86.932185	56208.49	56246.6	3.39	56211.88	56203.46094	56208.81296	56199.39844	504977.8	5407684.8
L4980.0	504977.8	5407684.8	10477.20020	285.86	90.1	48.822125	-86.932185	56208.82	56246.6	3.39	56212.22	56203.76953	56209.13916	56199.68750	504977.8	5407684.8
L4980.0	504977.8	5407683.2	10477.40039	284.60	100.77	48.822111	-86.932185	56208.70	56246.6	3.39	56212.09	56203.60547	56209.30900	56199.82422	504977.8	5407683.2

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L4980.0	504977.8	5407682.2	10477.50000	283.12	100.77	48.822101	-86.932186	56208.65	56246.6	3.39	56212.04	56203.51953	56209.51012	56199.98828	504977.8	5407682.2
L4980.0	504977.7	5407681.3	10477.59961	283.77	100.42	48.822094	-86.932186	56209.08	56246.6	3.40	56212.47	56203.91406	56209.87702	56200.31641	504977.7	5407681.3
L4980.0	504977.7	5407680.2	10477.70020	284.22	100.24	48.822084	-86.932186	56209.52	56246.6	3.40	56212.92	56204.32813	56210.25429	56200.65625	504977.7	5407680.2
L4980.0	504977.7	5407680.2	10477.79981	284.78	100.24	48.822084	-86.932186	56209.64	56246.6	3.40	56213.04	56204.41016	56210.52100	56200.88672	504977.7	5407680.2
L4980.0	504977.7	5407679.0	10477.90039	281.80	100.24	48.822073	-86.932186	56210.03	56246.6	3.40	56213.43	56204.76172	56210.88398	56201.21094	504977.7	5407679.0
L4980.0	504977.7	5407677.8	10478.00000	281.92	96.29	48.822062	-86.932187	56210.40	56246.6	3.40	56213.80	56205.09375	56211.24315	56201.53516	504977.7	5407677.8
L4980.0	504977.7	5407676.5	10478.09961	283.06	91.08	48.822051	-86.932187	56211.05	56246.6	3.40	56214.44	56205.69531	56211.70481	56201.95703	504977.7	5407676.5
L4980.0	504977.7	5407675.8	10478.20020	285.12	91.08	48.822044	-86.932187	56210.70	56246.6	3.39	56214.09	56205.30859	56211.79831	56202.01172	504977.7	5407675.8
L4980.0	504977.7	5407675.8	10478.29981	287.15	90.15	48.822044	-86.932187	56211.33	56246.6	3.39	56214.72	56205.89844	56212.25986	56202.43359	504977.7	5407675.8
L4980.0	504977.7	5407674.5	10478.40039	287.78	90.15	48.822032	-86.932187	56211.48	56246.6	3.38	56214.86	56206.00000	56212.53095	56202.66406	504977.7	5407674.5
L4980.0	504977.7	5407673.8	10478.50000	287.65	88.74	48.822026	-86.932187	56211.78	56246.6	3.38	56215.16	56206.26172	56212.86157	56202.95313	504977.7	5407673.8
L4980.0	504977.7	5407672.7	10478.59961	289.05	88.74	48.822016	-86.932187	56211.53	56246.6	3.38	56214.91	56205.96875	56212.95752	56203.01172	504977.7	5407672.7
L4980.0	504977.7	5407672.7	10478.70020	289.20	86.92	48.822016	-86.932187	56212.02	56246.6	3.37	56215.39	56206.41016	56213.35128	56203.36328	504977.7	5407672.7
L4980.0	504977.7	5407671.8	10478.79981	291.79	86.92	48.822008	-86.932187	56212.55	56246.6	3.37	56215.92	56206.89844	56213.48166	56203.45313	504977.7	5407671.8
L4980.0	504977.7	5407670.8	10478.90039	290.78	86.95	48.821999	-86.932187	56213.09	56246.6	3.36	56216.46	56207.39453	56213.67685	56203.60547	504977.7	5407670.8
L4980.0	504977.7	5407670.1	10479.00000	289.92	93.19	48.821993	-86.932187	56212.93	56246.6	3.36	56216.29	56207.18359	56214.06971	56203.95703	504977.7	5407670.1
L4980.0	504977.7	5407669.3	10479.09961	286.71	91.75	48.821986	-86.932187	56213.27	56246.6	3.36	56216.63	56207.48047	56214.29787	56204.14063	504977.7	5407669.3
L4980.0	504977.7	5407668.4	10479.20020	286.90	91.75	48.821977	-86.932187	56213.42	56246.6	3.36	56216.78	56207.58984	56214.56391	56204.36328	504977.7	5407668.4
L4980.0	504977.7	5407668.4	10479.20020	286.90	89.52	48.821977	-86.932187	56213.56	56246.6	3.36	56216.92	56207.68750	56214.81741	56204.57422	504977.7	5407668.4
L4980.0	504977.6	5407667.4	10479.40039	286.36	89.52	48.821968	-86.932187	56214.08	56246.6	3.36	56217.44	56208.16406	56214.95061	56204.66406	504977.6	5407667.4
L4980.0	504977.6	5407666.6	10479.50000	287.57	87.98	48.821961	-86.932187	56213.96	56246.6	3.36	56217.32	56208.00000	56215.25211	56204.92188	504977.6	5407666.6
L4980.0	504977.6	5407665.6	10479.59961	288.72	88.08	48.821952	-86.932187	56213.78	56246.6	3.36	56217.14	56207.77734	56215.56926	56205.19531	504977.6	5407665.6
L4980.0	504977.6	5407665.6	10479.70020	289.33	88.08	48.821952	-86.932187	56214.08	56246.6	3.36	56217.44	56208.03125	56215.73615	56205.31641	504977.6	5407665.6
L4980.0	504977.6	5407664.8	10479.79981	287.55	91.5	48.821945	-86.932187	56214.72	56246.6	3.36	56218.08	56208.62500	56216.08485	56205.62109	504977.6	5407664.8
L4980.0	504977.6	5407663.9	10479.90039	284.61	92.35	48.821937	-86.932187	56215.05	56246.6	3.36	56218.41	56208.91016	56216.32701	56205.82031	504977.6	5407663.9
L4980.0	504977.6	5407663.0	10480.00000	285.67	92.35	48.821929	-86.932187	56214.67	56246.6	3.36	56218.03	56208.48828	56216.27472	56205.71875	504977.6	5407663.0
L4980.0	504977.6	5407663.0	10480.09961	287.33	91.17	48.821929	-86.932187	56215.42	56246.6	3.36	56218.77	56209.18359	56216.67678	56206.07813	504977.6	5407663.0
L4980.0	504977.7	5407662.0	10480.20020	287.66	91.17	48.821920	-86.932187	56214.54	56246.6	3.35	56217.89	56208.25781	56216.43916	56205.79297	504977.7	5407662.0
L4980.0	504977.7	5407661.1	10480.29981	289.68	78.65	48.821912	-86.932187	56215.76	56246.7	3.35	56219.11	56209.42969	56217.01603	56206.32422	504977.7	5407661.1
L4980.0	504977.7	5407660.2	10480.40039	287.14	78.65	48.821904	-86.932187	56215.57	56246.7	3.34	56218.91	56209.18359	56217.04941	56206.30859	504977.7	5407660.2
L4980.0	504977.7	5407660.2	10480.50000	284.85	78.41	48.821904	-86.932187	56215.58	56246.7	3.34	56218.92	56209.14844	56217.16551	56206.37891	504977.7	5407660.2
L4980.0	504977.7	5407659.6	10480.59961	284.17	78.41	48.821898	-86.932187	56216.36	56246.7	3.34	56219.70	56209.88281	56217.55598	56206.72266	504977.7	5407659.6
L4980.0	504977.7	5407658.8	10480.70020	284.31	78.71	48.821892	-86.932187	56215.76	56246.7	3.33	56219.09	56209.22656	56217.45926	56206.57813	504977.7	5407658.8
L4980.0	504977.7	5407658.0	10480.79981	285.94	78.71	48.821884	-86.932187	56216.34	56246.7	3.33	56219.66	56209.75000	56217.77326	56206.84375	504977.7	5407658.0
L4980.0	504977.7	5407658.0	10480.90039	284.42	90.34	48.821884	-86.932187	56216.66	56246.7	3.32	56219.99	56210.03125	56218.00454	56207.02734	504977.7	5407658.0
L4980.0	504977.7	5407657.3	10481.00000	285.01	90.34	48.821878	-86.932187	56216.64	56246.7	3.32	56219.96	56209.95313	56218.11904	56207.09375	504977.7	5407657.3
L4980.0	504977.7	5407656.8	10481.09961	285.09	83.34	48.821873	-86.932187	56216.86	56246.7	3.32	56220.18	56210.12891	56218.31843	56207.24609	504977.7	5407656.8
L4980.0	504977.7	5407656.2	10481.20020	286.32	82.84	48.821867	-86.932186	56217.07	56246.7	3.32	56220.39	56210.28906	56218.51709	56207.39453	504977.7	5407656.2
L4980.0	504977.7	5407656.2	10481.20020	286.32	82.84	48.821867	-86.932186	56216.48	56246.7	3.32	56219.80	56209.65234	56218.46242	56207.28906	504977.7	5407656.2
L4980.0	504977.7	5407655.4	10481.29981	286.86	83.72	48.821861	-86.932186	56217.02	56246.7	3.32	56220.34	56210.14453	56218.77251	56207.55078	504977.7	5407655.4
L4980.0	504977.7	5407654.9	10481.50000	286.59	83.72	48.821856	-86.932186	56217.50	56246.7	3.32	56220.82	56210.57813	56219.06679	56207.79688	504977.7	5407654.9
L4980.0	504977.8	5407654.3	10481.59961	285.94	83.72	48.821851	-86.932186	56217.02	56246.7	3.33	56220.35	56210.05859	56219.05444	56207.73438	504977.8	5407654.3
L4980.0	504977.8	5407653.9	10481.70020	283.48	85.58	48.821847	-86.932186	56217.48	56246.7	3.33	56220.80	56210.46094	56219.34359	56207.97266	504977.8	5407653.9
L4980.0	504977.8	5407653.9	10481.79981	284.85	87.5	48.821847	-86.932186	56217.70	56246.7	3.33	56221.03	56210.64063	56219.56255	56208.14063	504977.8	5407653.9
L4980.0	504977.8	5407653.3	10481.90039	283.86	87.5	48.821842	-86.932185	56218.68	56246.7	3.33	56222.01	56211.57422	56220.04276	56208.57031	504977.8	5407653.3
L4980.0	504977.8	5407652.7	10482.00000	285.57	86.49	48.821836	-86.932185	56218.32	56246.7	3.33	56221.65	56211.16406	56220.06208	56208.53906	504977.8	5407652.7
L4980.0	504977.9	5407652.2	10482.09961	285.43	86.78	48.821832	-86.932185	56217.48	56246.7	3.33	56220.81	56210.27734	56219.89889	56208.32422	504977.9	5407652.2
L4980.0	504977.9	5407652.2	10482.20020	285.13	86.78	48.821832	-86.932185	56218.86	56246.7	3.33	56222.19	56211.60938	56220.54274	56208.91797	504977.9	5407652.2
L4980.0	504977.9	5407651.7	10482.29981	286.25	87.73	48.821827	-86.932184	56219.11	56246.7	3.33	56222.44	56211.80859	56220.77846	56209.10156	504977.9	5407651.7
L4980.0	504977.9	5407651.2	10482.40039	288.27	87.73	48.821823	-86.932184	56219.09	56246.7	3.33	56222.42	56211.73828	56220.90998	56209.18359	504977.9	5407651.2
L4980.0	504977.9	5407651.2	10482.50000	290.20	85.61	48.821823	-86.932184	56218.68	56246.7	3.33	56222.01	56211.28125	56220.88061	56209.10156	504977.9	5407651.2
L4980.0	504977.9	5407650.6	10482.59961	289.02	88.82	48.821818	-86.932183	56218.80	56246.7	3.33	56222.13	56211.35156	56221.05708	56209.22656	504977.9	5407650.6
L4980.0	504978.0	5407650.1	10482.70020	286.04	88.82	48.821813	-86.932183	56219.90	56246.7	3.33	56223.23	56212.40234	56221.64623	56209.76563	504978.0	5407650.1
L4980.0	504978.0	5407649.8	10482.79981	287.25	93.82	48.821810	-86.932183	56219.27	56246.7	3.33	56222.60	56211.72266	56221.50880	56209.57422	504978.0	5407649.8
L4980.0	504978.0	5407649.4	10482.90039	289.60	93.82	48.821807	-86.932183	56219.27	56246.7	3.33	56222.60	56211.67578	56221.72937	56209.74609	504978.0	5407649.4
L4980.0	504978.0	5407649.0	10483.00000	291.24	95.48	48.821803	-86.932182	56219.88	56246.7	3.33	56223.21	56212.23438	56221.77380	56209.73828	504978.0	5407649.0
L4980.0	504978.1	5407648.6	10483.09961	290.17	95.48	48.821799	-86.932182	56219.71	56246.7	3.33	56223.05	56212.02734	56222.03184	56209.94141	504978.1	5407648.6
L4980.0	504978.1	5407648.6	10483.20020	290.10	95.43	48.821799	-86.932182	56219.24	56246.7	3.33	56222.57	56211.49609	56222.34966	56210.20703	504978.1	5407648.6
L4980.0	504978.1	5407648.1	10483.20020	290.10	95.43	48.821795	-86.932182	56220.36	56246.7	3.33	56223.69	56212.56641	56222.30713	56210.11328	504978.1	5407648.1
L4980.0	504978.1	5407647.7	10483.40039	289.19	95.8	48.821792	-86.932182	56219.52	56246.7	3.34	56222.86	56211.68750	56222.67543	56210.42969	504978.1	5407647.7
L4980.0	504978.1	5407647.7	10483.50000	287.69	95.8	48.821792	-86.932182	56219.98	56246.7	3.34	56223.32	56212.09766	56222.78665	56210.48828	504978.1	5407647.7
L4980.0	504978.1	5407647.1	10483.59961	287.13	95.5	48.821786	-86.932181	56220.66	56246.7	3.34	56224.01	56212.73828	56222.87364	56210.52344	504978.1	5407647.1
L4980.0	504978.1	5407647.1	10483.70020	286.92	96.32	48.821786	-86.932181	56220.74	56246.7	3.34	56224.08	56212.75781	56223.06605	56210.66406	504978.1	5407647.1
L4980.0	504978.1	5407646.7	10483.79981	286.13	96.32	48.821783	-86.932181	56220.23	56246.7	3.35	56223.58	56212.21094	56223.33123	56210.87500	504978.1	5407646.7
L4980.0	504978.1	5407646.7	10483.90039	284.88	93.45	48.821783	-86.932181	56220.93	56246.7	3.35	56224.28	56212.85938	56223.43965	56210.92969	504978.1	5407646.7
L4980.0	504978.1	5407646.4	10484.00000	288.73	93.45	48.821780	-86.932181	56220.92	56246.7	3.35	56224.27	56212.80078	56223.63824	56211.07813	504978.1	5407646.4
L4980.0	504978.1	5407646.2	10484.09961	289.61	92.61	48.821778	-86.932181	56220.69	56246.7	3.35	56224.04	56212.51953	56223.85669	56211.24219	504978.1	5407646.2
L4980.0	504978.1	5407645.9	10484.20020	289.32	92.61	48.821776	-86.932181	56221.57	56246.7	3.34	56224.91	56213.33984	56223.96962	56211.30078	504978.1	5407645.9
L5020.0	0.0	0.0	21187.69922	385.60	0	48.839626	-86.931600	56255.04	56221.6	28.45	56283.49	56317.76563	56486.74203	56535.67969	505019.0	5409630.2
L5020.0	0.0	0.0	21187.90039	384.07	0	48.839639	-86.931598	56254.40	56221.6	28.45	56282.85	56316.75000	56478.37230	56526.94141	505019.1	5409631.7
L5020.0	0.0	0.0	21188.00000	384.34	0	48.839639	-86.931598	56253.85	56221.6	28.45	56282.30	56315.82422	56472.33186	56520.53516	505019.1	5409631.7
L5020.0	0.0	0.0	21188.09961	382.21	0	48.839650	-86.931596	56252.96	56221.5	28.45	56281.41	56314.56250	56458.52007	56506.35547	505019.3	5409632.9
L5020.0	0.0	0.0	21188.19922	381.51	0	48.839658	-86.931595	56251.93	56221.5	28.45	56280.38	56313.15625	56441.62641	56489.09375	505019.4	5409633.8
L5020.0	0.0	0.0	21188.30078	381.37	0	48.839658	-86.931595	56251.12	56221.5	28.46	56279.57	56311.97266	56430.09639	56477.19141	505019.4	5409633.8
L5020.0	0.0	0.0	21188.40039	376.70	0	48.839668	-86.931593	56250.37	56221.5	28.46	56278.82	56310.84766	56420.16729	56466.89063	505019.5	5409634.9
L5020.0	0.0	0.0	21188.50000	373.14	0	48.839676	-86.931592	56249.63	56221.5	28.46	56278.09	56309.74219	56410.89337	56457.24609	505019.6	5409635.9
L5020.0	0.0	0.0	21188.59961	372.06	0	48.839676	-86.931592	56249.00	56221.5	28.46	56277.47	56308.75000	56404.38064	56450.36328	505019.6	5409635.9
L5020.0	0.0	0.0	21188.69922	368.72	0	48.839688	-86.931590	56248.34	56221.5	28.46	56276.80	56307.70703	56396.86570	56442.47266	505019.7	5409637.1
L5020.0	0.0	0.0	21188.80078	369.42	0	48.839696	-86.931589	56247.74	56221.5	28.47	56276.20	56306.73438	56391.15844	56436.38672	505019.8	5409638.1
L5020.0	0.0	0.0	21188.90039	367.92	0	48.839696	-86.931589	56246.91	56221.5	28.47	56275.37	56305.53125	56380.20832	56425.05859	505019.8	5409638.1
L5020.0	0.0	0.0	21189.00000	363.64	0	48.839706	-86.931588	56246.08	56221.5	28.47	56274.55	56304.33984	56369.64212	56414.11328	505019.8	5409639.1
L5020.0	0.0	0.0	21189.09961	359.67	0	48.839715	-86.931587	56245.18	56221.5	28.47	56273.66	56303.07813	56357.57386	56401.66406	505019.9	5409640.2
L5020.0	0.0	0.0	21189.19922	356.88	0	48.839715	-86.931587	56244.31	56221.5	28.47	56272.78	56301.82813	56345.87377	56389.57813	505019.9	5409640.2
L5020.0	0.0	0.0	21189.30078	356.09	0	48.839725	-86.931586	56243.36	56221.5	28.48	56271.83	56300.50781	56332.65563	56375.97266	505020.0	5409641.3
L5020.0	0.0	0.0	21189.40039	358.86	0	48.839734	-86.931585	56242.34	56221.5	28.48	56270.82	56299.12891	56318.14607	56361.07422	505020.1	5409642.3
L5020.0	0.0	0.0	21189.50000	359.21	0	48.839740	-86.931584	56241.64	56221.5	28.48	56270.12	56298.06250	56311.02331	56353.55859	505020.1	5409643.0
L5020.0	0.0	0.0	21189.59961	360.76	0	48.839740	-86.931584	56241.09	56221.5	28.48	56269.57	56297.14453	56307.52279	56349.66406	505020.1	5409643.0
L5020.0	0.0	0.0	21189.69922	359.15	0	48.839749	-86.931583	56240.27	56221.5	28.48	56268.75	56295.96094	56297.77593	56339.51563	505020.2	5409643.9
L5020.0	0.0	0.0	21189.69922	359.15	0	48.839757	-86.931583	56239.58	56221.5	28.48	56268.06	56294.90234	56291.16515	56332.50391	505020.3	5409644.9
L5020.0	0.0	0.0	21189.90039	366.82	0	48.839763	-86.931582	56239.06	56221.5	28.49	56267.55	56294.03125	56288.85599	56329.78906	505020.3	5409645.5
L5020.0	0.0	0.0	21190.00000	369.16	0	48.839763	-86.931582	56238.00	56221.5	28.49	56266.49	56292.60547	56273.70208	56314.22656	505020.3	5409645.5
L5020.0	0.0	0.0	21190.09961	373.22	0	48.839771	-86.931581	56237.48	56221.5	28.49	56265.97	56291.72656	56271.28496	56311.39844	505020.4	5409646.4
L5020.0	0.0	0.0	21190.19922	375.03	0	48.839777	-86.931580	56236.58	56221.5	28.49	56265.08	56290.47656	56260.23254	56299.92969	505020.4	5409647.1

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5020.0	0.0	0.0	21190.30078	377.12	0	48.839783	-86.931580	56235.84	56221.5	28.50	56264.33	56289.36328	56252.50994	56291.78516	505020.5	5409647.7
L5020.0	0.0	0.0	21190.40039	382.51	0	48.839783	-86.931580	56235.18	56221.5	28.50	56263.68	56288.35547	56247.17012	56286.01953	505020.5	5409647.7
L5020.0	0.0	0.0	21190.50000	383.81	0	48.839789	-86.931579	56234.38	56221.5	28.50	56262.88	56287.19922	56238.33606	56276.75781	505020.5	5409648.4
L5020.0	0.0	0.0	21190.59961	381.37	0	48.839795	-86.931579	56233.51	56221.5	28.50	56262.01	56285.97266	56227.87822	56265.87109	505020.5	5409649.0
L5020.0	0.0	0.0	21190.69922	382.09	0	48.839795	-86.931579	56232.78	56221.5	28.50	56261.29	56284.89844	56220.95400	56258.51172	505020.5	5409649.0
L5020.0	0.0	0.0	21190.80078	383.19	0	48.839804	-86.931578	56231.89	56221.5	28.51	56260.40	56283.65625	56210.04348	56247.16016	505020.6	5409650.1
L5020.0	0.0	0.0	21190.90039	384.09	0	48.839809	-86.931578	56231.46	56221.5	28.51	56259.97	56282.87500	56209.92997	56246.60156	505020.6	5409650.7
L5020.0	0.0	0.0	21191.00000	383.74	0	48.839814	-86.931578	56230.60	56221.5	28.51	56259.11	56281.66406	56199.71219	56235.93359	505020.6	5409651.2
L5020.0	0.0	0.0	21191.09961	381.80	0	48.839814	-86.931578	56230.42	56221.5	28.51	56258.93	56281.13672	56205.44279	56241.21484	505020.6	5409651.2
L5020.0	0.0	0.0	21191.19922	382.06	0	48.839821	-86.931577	56229.70	56221.5	28.52	56258.22	56280.07813	56198.70840	56234.02344	505020.6	5409651.9
L5020.0	0.0	0.0	21191.30078	378.46	0	48.839826	-86.931577	56228.76	56221.5	28.52	56257.28	56278.79297	56186.54598	56221.39844	505020.7	5409652.5
L5020.0	0.0	0.0	21191.40039	379.54	0	48.839826	-86.931577	56227.82	56221.5	28.52	56256.34	56277.50781	56174.34939	56208.73438	505020.7	5409652.5
L5020.0	0.0	0.0	21191.50000	375.25	0	48.839830	-86.931576	56227.63	56221.5	28.53	56256.15	56276.97266	56179.72075	56213.63281	505020.7	5409653.0
L5020.0	0.0	0.0	21191.59961	371.71	0	48.839836	-86.931576	56227.16	56221.5	28.53	56255.68	56276.16406	56178.47375	56211.91406	505020.7	5409653.6
L5020.0	0.0	0.0	21191.69922	368.35	0	48.839841	-86.931575	56226.48	56221.5	28.53	56255.01	56275.15234	56172.48169	56205.44141	505020.8	5409654.2
L5020.0	0.0	0.0	21191.69922	368.35	0	48.839841	-86.931575	56226.20	56221.5	28.53	56254.73	56274.53516	56175.59142	56208.06641	505020.8	5409654.2
L5020.0	0.0	0.0	21191.90039	376.08	0	48.839846	-86.931575	56225.70	56221.5	28.54	56254.23	56273.69531	56173.47795	56205.46484	505020.8	5409654.7
L5020.0	0.0	0.0	21192.00000	360.88	0	48.839850	-86.931574	56225.32	56221.5	28.54	56253.86	56272.99219	56174.35442	56205.85156	505020.8	5409655.1
L5020.0	0.0	0.0	21192.09961	360.87	0	48.839854	-86.931574	56224.61	56221.5	28.54	56253.15	56271.94531	56167.18337	56198.18359	505020.9	5409655.7
L5020.0	0.0	0.0	21192.19922	366.45	0	48.839854	-86.931574	56223.98	56221.5	28.54	56252.52	56270.98438	56161.82210	56192.32422	505020.9	5409655.7
L5020.0	0.0	0.0	21192.30078	371.10	0	48.839859	-86.931573	56223.70	56221.5	28.54	56252.24	56270.37109	56164.60680	56194.60156	505020.9	5409656.1
L5020.0	0.0	0.0	21192.40039	372.25	0	48.839863	-86.931573	56222.98	56221.5	28.54	56251.53	56269.33203	56157.22340	56186.71094	505021.0	5409656.6
L5020.0	0.0	0.0	21192.50000	374.10	0	48.839867	-86.931573	56222.86	56221.5	28.54	56251.41	56268.88281	56163.61656	56192.58984	505021.0	5409657.0
L5020.0	0.0	0.0	21192.59961	377.82	0	48.839870	-86.931572	56222.15	56221.5	28.55	56250.70	56267.84766	56156.08231	56184.54297	505021.0	5409657.4
L5020.0	0.0	0.0	21192.69922	380.07	0	48.839870	-86.931572	56221.82	56221.5	28.55	56250.37	56267.19141	56157.39233	56185.33203	505021.0	5409657.4
L5020.0	0.0	0.0	21192.80078	378.08	0	48.839874	-86.931571	56221.63	56221.5	28.55	56250.18	56266.67969	56161.91176	56189.32813	505021.1	5409657.9
L5020.0	0.0	0.0	21192.90039	382.91	0	48.839878	-86.931571	56221.44	56221.5	28.55	56249.99	56266.16797	56166.35384	56193.24219	505021.1	5409658.3
L5020.0	0.0	0.0	21193.00000	387.08	0	48.839878	-86.931571	56221.15	56221.4	28.55	56249.70	56265.55859	56168.37136	56194.72656	505021.1	5409658.3
L5020.0	0.0	0.0	21193.09961	387.67	0	48.839880	-86.931571	56220.89	56221.4	28.55	56249.45	56264.98828	56171.25197	56197.07813	505021.1	5409658.6
L5020.0	0.0	0.0	21193.19922	386.19	0	48.839880	-86.931571	56220.52	56221.4	28.56	56249.08	56264.30078	56171.24073	56196.52734	505021.1	5409658.6
L5020.0	0.0	0.0	21193.30078	384.39	0	48.839883	-86.931570	56220.44	56221.4	28.56	56249.00	56263.90234	56177.96492	56202.71094	505021.1	5409658.9
L5020.0	0.0	0.0	21193.40039	381.47	0	48.839886	-86.931570	56220.16	56221.4	28.56	56248.72	56263.30859	56179.92311	56204.12891	505021.2	5409659.2
L5020.0	0.0	0.0	21193.50000	382.58	0	48.839889	-86.931570	56219.90	56221.4	28.57	56248.47	56262.74609	56182.51764	56206.17578	505021.2	5409659.5
L5020.0	0.0	0.0	21193.59961	383.79	0	48.839889	-86.931570	56219.71	56221.4	28.57	56248.28	56262.24219	56186.45590	56209.57031	505021.2	5409659.5
L5020.0	0.0	0.0	21193.69922	382.13	0	48.839890	-86.931569	56219.63	56221.4	28.57	56248.20	56261.85156	56192.91526	56215.48047	505021.2	5409659.7
L5020.0	0.0	0.0	21193.69922	382.13	0	48.839892	-86.931569	56219.19	56221.4	28.57	56247.76	56261.10156	56190.86552	56212.87500	505021.2	5409659.9
L5020.0	0.0	0.0	21193.90039	372.90	0	48.839894	-86.931569	56219.27	56221.4	28.58	56247.84	56260.87500	56200.97066	56222.42578	505021.3	5409660.0
L5020.0	0.0	0.0	21194.00000	369.93	0	48.839894	-86.931569	56219.20	56221.4	28.58	56247.78	56260.50781	56207.74071	56228.64063	505021.3	5409660.0
L5020.0	0.0	0.0	21194.09961	372.17	0	48.839896	-86.931568	56219.16	56221.4	28.58	56247.74	56260.16016	56214.93712	56235.28125	505021.3	5409660.2
L5020.0	0.0	0.0	21194.19922	357.76	0	48.839896	-86.931568	56219.42	56221.4	28.58	56248.00	56260.11719	56229.13892	56248.92578	505021.3	5409660.2
L5020.0	0.0	0.0	21194.30078	360.06	0	48.839896	-86.931568	56219.47	56221.4	28.58	56248.05	56259.86328	56238.37883	56257.60547	505021.3	5409660.3
L5020.0	0.0	0.0	21194.40039	361.82	0	48.839897	-86.931568	56220.16	56221.4	28.58	56248.74	56260.25000	56262.61842	56281.28516	505021.3	5409660.4
L5020.0	0.0	0.0	21194.50000	363.48	0	48.839898	-86.931567	56220.11	56221.4	28.58	56248.69	56259.89844	56269.46627	56287.57422	505021.4	5409660.5
L5020.0	0.0	0.0	21194.59961	366.18	0	48.839899	-86.931567	56220.44	56221.4	28.59	56249.02	56259.92969	56285.22336	56302.76953	505021.4	5409660.6
L5020.0	0.0	0.0	21194.69922	369.57	0	48.839899	-86.931567	56220.69	56221.4	28.59	56249.28	56259.89063	56299.33237	56316.31641	505021.4	5409660.6
L5020.0	0.0	0.0	21194.80078	371.56	0	48.839900	-86.931567	56220.82	56221.4	28.59	56249.41	56259.72266	56310.39227	56326.81641	505021.4	5409660.7
L5020.0	0.0	0.0	21194.90039	373.09	0	48.839901	-86.931566	56220.54	56221.4	28.59	56249.13	56259.14453	56311.83737	56327.69922	505021.4	5409660.9
L5020.0	0.0	0.0	21195.00000	374.94	0	48.839902	-86.931566	56220.07	56221.4	28.59	56248.66	56258.37891	56308.84070	56324.14063	505021.5	5409661.0
L5020.0	0.0	0.0	21195.09961	379.63	0	48.839902	-86.931566	56219.46	56221.4	28.59	56248.05	56257.47266	56302.58445	56317.32422	505021.5	5409661.0
L5020.0	0.0	0.0	21195.19922	384.76	0	48.839904	-86.931565	56219.02	56221.4	28.59	56247.61	56256.73828	56300.35505	56314.53906	505021.5	5409661.2
L5020.0	0.0	0.0	21195.30078	382.83	0	48.839906	-86.931565	56219.00	56221.4	28.59	56247.59	56256.42578	56308.03052	56321.65234	505021.5	5409661.4
L5020.0	0.0	0.0	21195.40039	380.56	0	48.839908	-86.931564	56218.84	56221.4	28.59	56247.43	56255.97266	56312.47282	56325.53906	505021.6	5409661.6
L5020.0	0.0	0.0	21195.50000	378.29	0	48.839908	-86.931564	56218.81	56221.4	28.59	56247.40	56255.65234	56320.02989	56332.54297	505021.6	5409661.6
L5020.0	0.0	0.0	21195.59961	378.00	0	48.839910	-86.931564	56218.44	56221.4	28.60	56247.04	56255.00000	56319.91171	56331.87500	505021.6	5409661.8
L5020.0	0.0	0.0	21195.69922	379.62	0	48.839912	-86.931564	56218.24	56221.4	28.60	56246.83	56254.50000	56323.39662	56334.80859	505021.6	5409662.1
L5020.0	0.0	0.0	21195.69922	379.62	0	48.839912	-86.931564	56217.97	56221.4	28.60	56246.57	56253.94922	56325.79883	56336.66016	505021.6	5409662.1
L5020.0	0.0	0.0	21195.90039	377.76	0	48.839915	-86.931563	56217.68	56221.4	28.60	56246.28	56253.37109	56327.59755	56337.91406	505021.7	5409662.4
L5020.0	0.0	0.0	21196.00000	382.29	0	48.839918	-86.931563	56217.04	56221.4	28.60	56245.64	56252.44531	56321.28990	56331.06641	505021.7	5409662.8
L5020.0	0.0	0.0	21196.09961	382.91	0	48.839921	-86.931562	56216.41	56221.4	28.60	56245.01	56251.52734	56315.33735	56324.57422	505021.7	5409663.1
L5020.0	0.0	0.0	21196.19922	383.22	0	48.839921	-86.931562	56215.94	56221.4	28.60	56244.54	56250.76953	56313.27120	56321.97266	505021.7	5409663.1
L5020.0	0.0	0.0	21196.30078	377.83	0	48.839925	-86.931562	56215.31	56221.4	28.61	56243.91	56249.85547	56307.58869	56315.75781	505021.8	5409663.5
L5020.0	0.0	0.0	21196.40039	375.90	0	48.839928	-86.931561	56214.98	56221.4	28.61	56243.59	56249.25000	56309.33371	56316.97656	505021.8	5409663.9
L5020.0	0.0	0.0	21196.50000	376.07	0	48.839928	-86.931561	56214.49	56221.4	28.61	56243.10	56248.47266	56307.24711	56314.36719	505021.8	5409663.9
L5020.0	0.0	0.0	21196.59961	376.42	0	48.839932	-86.931561	56214.34	56221.4	28.61	56242.95	56248.03906	56313.31176	56319.91406	505021.9	5409664.3
L5020.0	0.0	0.0	21196.69922	378.57	0	48.839932	-86.931561	56213.79	56221.4	28.61	56242.41	56247.21484	56310.39915	56316.48438	505021.9	5409664.3
L5020.0	0.0	0.0	21196.80078	380.60	0	48.839935	-86.931560	56213.47	56221.4	28.62	56242.09	56246.61328	56312.83964	56318.41406	505021.9	5409664.6
L5020.0	0.0	0.0	21196.90039	378.96	0	48.839935	-86.931560	56213.09	56221.4	28.62	56241.71	56245.94922	56314.06907	56319.14063	505021.9	5409664.6
L5020.0	0.0	0.0	21197.00000	380.98	0	48.839940	-86.931560	56212.50	56221.4	28.62	56241.12	56245.07813	56310.57511	56315.14844	505021.9	5409665.1
L5020.0	0.0	0.0	21197.09961	379.65	0	48.839943	-86.931559	56211.96	56221.4	28.62	56240.58	56244.25781	56308.47075	56312.55078	505021.9	5409665.5
L5020.0	0.0	0.0	21197.19922	380.51	0	48.839943	-86.931559	56211.45	56221.4	28.62	56240.08	56243.47656	56307.53007	56311.12109	505021.9	5409665.5
L5020.0	0.0	0.0	21197.30078	380.02	0	48.839947	-86.931559	56211.38	56221.4	28.62	56240.00	56243.11719	56316.68288	56319.79297	505022.0	5409666.0
L5020.0	0.0	0.0	21197.40039	378.84	0	48.839950	-86.931559	56210.77	56221.4	28.62	56239.39	56242.22656	56313.63458	56316.26563	505022.0	5409666.3
L5020.0	0.0	0.0	21197.50000	383.53	0	48.839955	-86.931558	56210.45	56221.4	28.63	56239.07	56241.62500	56317.64429	56319.80859	505022.0	5409666.8
L5020.0	0.0	0.0	21197.59961	381.70	0	48.839958	-86.931558	56209.98	56221.4	28.63	56238.60	56240.87891	56318.39008	56320.08984	505022.0	5409667.2
L5020.0	0.0	0.0	21197.69922	383.25	0	48.839958	-86.931558	56209.48	56221.4	28.63	56238.11	56240.10938	56318.93150	56320.17578	505022.0	5409667.2
L5020.0	0.0	0.0	21197.69922	383.25	0	48.839962	-86.931558	56208.95	56221.4	28.63	56237.58	56239.30469	56318.80628	56319.59766	505022.1	5409667.6
L5020.0	0.0	0.0	21197.90039	379.60	0	48.839966	-86.931557	56208.14	56221.4	28.63	56236.77	56238.21484	56312.38693	56312.73438	505022.1	5409668.0
L5020.0	0.0	0.0	21198.00000	379.46	0	48.839969	-86.931557	56208.24	56221.4	28.63	56236.87	56238.04297	56327.61748	56327.52734	505022.1	5409668.4
L5020.0	0.0	0.0	21198.09961	380.36	0	48.839969	-86.931557	56207.45	56221.4	28.63	56236.09	56236.98438	56322.48063	56321.96484	505022.1	5409668.4
L5020.0	0.0	0.0	21198.19922	381.43	0	48.839975	-86.931556	56206.86	56221.4	28.64	56235.50	56236.12109	56322.10248	56321.16406	505022.2	5409669.1
L5020.0	0.0	0.0	21198.30078	376.55	0	48.839979	-86.931556	56206.40	56221.4	28.64	56235.04	56235.38672	56325.07991	56323.72266	505022.2	5409669.5
L5020.0	0.0	0.0	21198.40039	378.88	0	48.839984	-86.931556	56205.74	56221.4	28.65	56234.38	56234.45703	56323.67066	56321.90234	505022.2	5409670.1
L5020.0	0.0	0.0	21198.50000	377.91	0	48.839984	-86.931556	56204.72	56221.4	28.65	56233.37	56233.17188	56314.35789	56312.19141	505022.2	5409670.1
L5020.0	0.0	0.0	21198.59961	378.15	0	48.839990	-86.931555	56203.95	56221.3	28.65	56232.60	56232.13281	56310.99720	56308.43750	505022.2	5409670.8
L5020.0	0.0	0.0	21198.69922	378.31	0	48.839995	-86.931555	56203.29	56221.3	28.66	56231.94	56231.20313	56310.54044	56307.59375	505022.2	5409671.3
L5020.0	0.0	0.0	21198.80078	376.01	0	48.840001	-86.931555	56202.70	56221.3	28.66	56231.36	56230.35156	56312.28671	56308.96094	505022.3	5409671.9
L5020.0	0.0	0.0	21198.90039	374.23	0	48.840001	-86.931555	56202.37	56221.3	28.67	56231.04	56229.76563	56320.46478	56316.76563	505022.3	5409671.9
L5020.0	0.0	0.0	21199.00000	376.45	0	48.840008	-86.931555	56201.06	56221.3	28.67	56229.73	56228.18750	56305.73111	56301.67188	505022.3	5409672.7
L5020.0	0.0	0.0	21199.09961	377.73	0	48.840008	-86.931555	56200.22	56221.3	28.67	56228.89	56227.08203	56302.36390	56297.94922	505022.3	5409672.7
L5020.0	0.0	0.0	21199.19922	376.41	0	48.840014	-86.931555	56199.62	56221.3	28.67	56228.29	56226.21875	56304.96506	56300.19922	505022.3	5409673.4
L5020.0	0.0	0.0	21199.30078	373.98	0	48.840021	-86.931554	56198.72	56221.3	28.67	56227.39	56225.05469	56300.85819	56295.75000	505022.3	5409674.1
L5020.0	0.0	0.0	21199.40039	373.38	0	48.840027	-86.931555	56197.80	56221.3	28.67	56226.47	56223.87109	56296.61742	56291.17578	505022.3	5409674.9
L5020.0	0.0	0.0	21199.50000	375.85	0	48.840031	-86.931555	56197.39	56221.3	28.67	56226.06	56223.20313	56304.68563	56298.91797	505022.3	5409675.3

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5020.0	0.0	0.0	21199.59961	376.48	0	48.840031	-86.931555	56196.38	56221.3	28.67	56225.04	56221.92188	56298.76842	56292.68359	505022.3	5409675.3
L5020.0	0.0	0.0	21199.69922	375.45	0	48.840039	-86.931555	56195.17	56221.3	28.67	56223.84	56220.46484	56288.96002	56282.56641	505022.2	5409676.1
L5020.0	0.0	0.0	21199.69922	375.45	0	48.840039	-86.931555	56194.23	56221.3	28.67	56222.90	56219.26953	56285.58895	56278.89063	505022.2	5409676.1
L5020.0	0.0	0.0	21199.80078	376.93	0	48.840046	-86.931556	56193.06	56221.3	28.67	56221.73	56217.84375	56277.14980	56270.15625	505022.2	5409676.9
L5020.0	0.0	0.0	21199.90039	374.45	0	48.840051	-86.931556	56191.88	56221.3	28.67	56220.55	56216.41406	56268.80523	56261.52344	505022.2	5409677.5
L5020.0	0.0	0.0	21200.09961	381.48	0	48.840059	-86.931556	56191.00	56221.3	28.67	56219.67	56215.28125	56267.83035	56260.26953	505022.2	5409678.4
L5020.0	0.0	0.0	21200.19922	379.96	0	48.840059	-86.931556	56189.97	56221.3	28.68	56218.65	56214.01563	56263.89218	56256.05859	505022.2	5409678.4
L5020.0	0.0	0.0	21200.30078	379.96	0	48.840068	-86.931556	56188.64	56221.3	28.68	56217.32	56212.43750	56252.99601	56244.89453	505022.2	5409679.4
L5020.0	0.0	0.0	21200.40039	375.62	0	48.840076	-86.931556	56188.08	56221.3	28.68	56216.76	56211.63281	56260.49277	56252.13281	505022.2	5409680.3
L5020.0	0.0	0.0	21200.50000	376.41	0	48.840076	-86.931556	56186.92	56221.3	28.68	56215.61	56210.23828	56254.44940	56245.83984	505022.2	5409680.3
L5020.0	0.0	0.0	21200.59961	378.52	0	48.840084	-86.931556	56186.16	56221.3	28.69	56214.85	56209.24219	56257.86824	56249.01563	505022.2	5409681.2
L5020.0	0.0	0.0	21200.69922	377.11	0	48.840090	-86.931556	56184.96	56221.3	28.69	56213.66	56207.81250	56251.49288	56242.40234	505022.2	5409681.9
L5020.0	0.0	0.0	21200.80078	381.80	0	48.840099	-86.931556	56184.04	56221.3	28.69	56212.73	56206.64844	56251.51653	56242.19531	505022.2	5409682.9
L5020.0	0.0	0.0	21200.90039	385.36	0	48.840099	-86.931556	56183.25	56221.3	28.70	56211.95	56205.63281	56255.35052	56245.80859	505022.2	5409682.9
L5020.0	0.0	0.0	21201.00000	381.23	0	48.840108	-86.931556	56181.42	56221.3	28.70	56210.12	56203.57422	56234.81600	56225.05859	505022.2	5409683.8
L5020.0	0.0	0.0	21201.09961	378.59	0	48.840115	-86.931556	56180.42	56221.3	28.70	56209.12	56202.34766	56234.04245	56224.07813	505022.1	5409684.7
L5020.0	0.0	0.0	21201.19922	372.46	0	48.840115	-86.931556	56179.25	56221.3	28.71	56207.96	56200.96484	56229.78042	56219.61328	505022.1	5409684.7
L5020.0	0.0	0.0	21201.30078	381.80	0	48.840125	-86.931556	56178.17	56221.3	28.71	56206.88	56199.66016	56227.65661	56217.29297	505022.1	5409685.8
L5020.0	0.0	0.0	21201.40039	379.56	0	48.840133	-86.931556	56177.18	56221.3	28.72	56205.90	56198.46094	56228.13250	56217.57813	505022.1	5409686.6
L5020.0	0.0	0.0	21201.50000	359.17	0	48.840141	-86.931557	56176.04	56221.3	28.72	56204.76	56197.10938	56225.09570	56214.36328	505022.1	5409687.6
L5020.0	0.0	0.0	21201.59961	352.86	0	48.840141	-86.931557	56174.75	56221.3	28.72	56203.48	56195.61719	56219.00705	56208.09766	505022.1	5409687.6
L5020.0	0.0	0.0	21201.69922	351.04	0	48.840151	-86.931557	56173.33	56221.3	28.73	56202.06	56193.98828	56209.85754	56198.78125	505022.1	5409688.6
L5020.0	0.0	0.0	21201.69922	351.04	0	48.840161	-86.931557	56172.07	56221.3	28.73	56200.80	56192.52344	56204.68094	56193.44141	505022.1	5409689.7
L5020.0	0.0	0.0	21201.90039	346.59	0	48.840161	-86.931557	56171.18	56221.3	28.74	56199.92	56191.44141	56208.63260	56197.23828	505022.1	5409689.7
L5020.0	0.0	0.0	21202.00000	347.97	0	48.840169	-86.931557	56170.16	56221.3	28.74	56198.90	56190.22266	56209.49478	56197.94922	505022.1	5409690.6
L5020.0	0.0	0.0	21202.09961	350.07	0	48.840169	-86.931557	56168.88	56221.3	28.74	56197.62	56188.75000	56204.44025	56192.75391	505022.1	5409690.6
L5020.0	0.0	0.0	21202.19922	354.50	0	48.840179	-86.931558	56168.02	56221.3	28.74	56196.76	56187.69922	56209.42303	56197.59766	505022.0	5409691.7
L5020.0	0.0	0.0	21202.30078	355.83	0	48.840189	-86.931558	56166.38	56221.3	28.74	56195.13	56185.88281	56196.49526	56184.53906	505022.0	5409692.8
L5020.0	0.0	0.0	21202.40039	358.27	0	48.840197	-86.931559	56165.01	56221.3	28.74	56193.76	56184.33203	56189.82752	56177.74219	505022.0	5409693.7
L5020.0	0.0	0.0	21202.50000	361.58	0	48.840209	-86.931559	56163.83	56221.3	28.74	56192.57	56182.96484	56187.53091	56175.32813	505021.9	5409695.1
L5020.0	0.0	0.0	21202.59961	363.19	0	48.840209	-86.931559	56162.66	56221.3	28.75	56191.41	56181.62891	56186.07304	56173.75391	505021.9	5409695.1
L5020.0	0.0	0.0	21202.69922	367.72	0	48.840219	-86.931559	56161.49	56221.3	28.75	56190.24	56180.28906	56184.50386	56172.07813	505021.9	5409696.2
L5020.0	0.0	0.0	21202.80078	372.19	0	48.840219	-86.931559	56160.26	56221.3	28.75	56189.01	56178.89453	56181.63845	56169.10938	505021.9	5409696.2
L5020.0	0.0	0.0	21202.90039	372.69	0	48.840233	-86.931560	56159.08	56221.3	28.75	56187.83	56177.55469	56180.04809	56167.41797	505021.9	5409697.7
L5020.0	0.0	0.0	21203.00000	374.30	0	48.840243	-86.931560	56157.70	56221.3	28.75	56186.45	56176.01953	56173.85239	56161.12891	505021.8	5409698.8
L5020.0	0.0	0.0	21203.09961	377.35	0	48.840248	-86.931560	56156.75	56221.3	28.75	56185.50	56174.92188	56177.83050	56165.02344	505021.8	5409699.4
L5020.0	0.0	0.0	21203.19922	379.15	0	48.840248	-86.931560	56155.24	56221.3	28.75	56183.99	56173.26563	56168.72907	56155.83984	505021.8	5409699.4
L5020.0	0.0	0.0	21203.30078	379.63	0	48.840258	-86.931561	56154.52	56221.3	28.75	56183.27	56172.40625	56178.23060	56165.26172	505021.8	5409700.6
L5020.0	0.0	0.0	21203.40039	378.43	0	48.840272	-86.931562	56153.12	56221.3	28.75	56181.87	56170.86719	56171.81287	56158.77344	505021.7	5409702.1
L5020.0	0.0	0.0	21203.50000	381.47	0	48.840280	-86.931562	56151.91	56221.3	28.75	56180.66	56169.52734	56169.88954	56156.78125	505021.7	5409703.0
L5020.0	0.0	0.0	21203.59961	382.68	0	48.840280	-86.931562	56150.42	56221.3	28.75	56179.17	56167.91406	56161.41534	56148.24609	505021.7	5409703.0
L5020.0	0.0	0.0	21203.69922	381.84	0	48.840289	-86.931562	56148.98	56221.3	28.75	56177.73	56166.35547	56154.12655	56140.89844	505021.7	5409704.0
L5020.0	0.0	0.0	21203.69922	381.84	0	48.840300	-86.931563	56147.84	56221.3	28.75	56176.59	56165.10156	56153.88140	56140.60156	505021.6	5409705.3
L5020.0	0.0	0.0	21203.90039	377.77	0	48.840300	-86.931563	56146.58	56221.3	28.75	56175.33	56163.73047	56150.80874	56137.48047	505021.6	5409705.3
L5020.0	0.0	0.0	21204.00000	378.93	0	48.840311	-86.931564	56145.28	56221.3	28.75	56174.03	56162.32813	56146.77598	56133.40234	505021.6	5409706.4
L5020.0	0.0	0.0	21204.09961	382.79	0	48.840311	-86.931564	56144.06	56221.2	28.75	56172.82	56161.01953	56144.82449	56131.41406	505021.6	5409706.4
L5020.0	0.0	0.0	21204.19922	385.60	0	48.840330	-86.931565	56143.06	56221.2	28.76	56171.82	56159.92969	56147.76105	56134.31641	505021.5	5409708.6
L5020.0	0.0	0.0	21204.30078	386.98	0	48.840330	-86.931565	56141.32	56221.2	28.76	56170.08	56158.10156	56133.27239	56119.79688	505021.5	5409708.6
L5020.0	0.0	0.0	21204.40039	389.45	0	48.840343	-86.931565	56140.28	56221.2	28.77	56169.04	56156.98047	56135.15506	56121.65234	505021.5	5409710.0
L5020.0	0.0	0.0	21204.50000	386.97	0	48.840343	-86.931565	56138.81	56221.2	28.77	56167.58	56155.44922	56127.10513	56113.58203	505021.5	5409710.0
L5020.0	0.0	0.0	21204.59961	382.20	0	48.840353	-86.931566	56137.75	56221.2	28.77	56166.52	56154.32031	56128.36392	56114.82422	505021.4	5409711.0
L5020.0	0.0	0.0	21204.69922	379.05	0	48.840363	-86.931566	56136.58	56221.2	28.78	56165.36	56153.09766	56127.18359	56113.63281	505021.4	5409712.2
L5020.0	0.0	0.0	21204.80078	376.59	0	48.840376	-86.931567	56135.12	56221.2	28.78	56163.90	56151.58203	56118.85957	56105.29688	505021.4	5409713.7
L5020.0	0.0	0.0	21204.90039	378.20	0	48.840384	-86.931567	56134.16	56221.2	28.79	56162.94	56150.57031	56122.16438	56108.59766	505021.3	5409714.6
L5020.0	0.0	0.0	21205.00000	380.30	0	48.840384	-86.931567	56132.66	56221.2	28.79	56161.45	56149.03906	56112.90821	56099.34375	505021.3	5409714.6
L5020.0	0.0	0.0	21205.09961	379.83	0	48.840393	-86.931567	56131.74	56221.2	28.79	56160.53	56148.08203	56116.90716	56103.34766	505021.3	5409715.5
L5020.0	0.0	0.0	21205.19922	377.78	0	48.840407	-86.931567	56130.32	56221.2	28.79	56159.11	56146.62891	56109.03290	56095.48047	505021.3	5409717.1
L5020.0	0.0	0.0	21205.30078	378.09	0	48.840407	-86.931567	56129.58	56221.2	28.79	56158.37	56145.86328	56116.98029	56103.44141	505021.3	5409717.1
L5020.0	0.0	0.0	21205.40039	376.93	0	48.840419	-86.931567	56128.46	56221.2	28.79	56157.26	56144.73438	56116.09111	56102.56641	505021.3	5409718.4
L5020.0	0.0	0.0	21205.50000	373.31	0	48.840431	-86.931567	56127.34	56221.2	28.80	56156.14	56143.60547	56114.80981	56101.30469	505021.3	5409719.7
L5020.0	0.0	0.0	21205.59961	373.55	0	48.840431	-86.931567	56125.88	56221.2	28.80	56154.68	56142.14063	56105.38215	56091.90234	505021.3	5409719.7
L5020.0	0.0	0.0	21205.69922	375.33	0	48.840439	-86.931567	56124.47	56221.2	28.80	56153.27	56140.73047	56096.95753	56083.50781	505021.3	5409720.7
L5020.0	0.0	0.0	21205.69922	375.33	0	48.840450	-86.931567	56123.37	56221.2	28.80	56152.17	56139.63672	56095.63368	56082.21484	505021.3	5409721.9
L5020.0	0.0	0.0	21205.90039	373.01	0	48.840459	-86.931567	56122.17	56221.2	28.80	56150.97	56138.44922	56091.77919	56078.39844	505021.3	5409722.8
L5020.0	0.0	0.0	21206.00000	374.98	0	48.840459	-86.931567	56121.53	56221.2	28.80	56150.33	56137.83203	56100.88321	56087.54297	505021.3	5409722.8
L5020.0	0.0	0.0	21206.09961	370.51	0	48.840471	-86.931567	56120.24	56221.2	28.81	56149.05	56136.57813	56094.76832	56081.47266	505021.3	5409724.2
L5020.0	0.0	0.0	21206.19922	367.30	0	48.840471	-86.931567	56119.20	56221.2	28.81	56148.02	56135.58203	56094.32401	56081.08203	505021.3	5409724.2
L5020.0	0.0	0.0	21206.30078	365.15	0	48.840493	-86.931567	56118.14	56221.2	28.82	56146.96	56134.55859	56092.97225	56079.78125	505021.4	5409726.7
L5020.0	0.0	0.0	21206.40039	366.59	0	48.840493	-86.931567	56117.03	56221.2	28.82	56145.85	56133.49609	56090.23932	56077.10547	505021.4	5409726.7
L5020.0	0.0	0.0	21206.50000	368.78	0	48.840502	-86.931566	56116.02	56221.2	28.83	56144.85	56132.54688	56089.87767	56076.80469	505021.4	5409727.6
L5020.0	0.0	0.0	21206.59961	366.69	0	48.840502	-86.931566	56115.14	56221.2	28.84	56143.97	56131.72656	56092.11860	56079.11328	505021.4	5409727.6
L5020.0	0.0	0.0	21206.69922	366.94	0	48.840516	-86.931566	56113.87	56221.2	28.84	56142.71	56130.53125	56085.22055	56072.28516	505021.4	5409729.2
L5020.0	0.0	0.0	21206.80078	365.43	0	48.840526	-86.931566	56112.84	56221.2	28.85	56141.68	56129.57422	56083.50162	56070.64063	505021.4	5409730.3
L5020.0	0.0	0.0	21206.90039	364.75	0	48.840540	-86.931566	56111.87	56221.1	28.85	56140.72	56128.69141	56083.20307	56070.42188	505021.4	5409731.9
L5020.0	0.0	0.0	21207.00000	364.20	0	48.840556	-86.931565	56110.55	56221.1	28.86	56139.41	56127.46875	56074.46253	56061.76563	505021.4	5409733.7
L5020.0	0.0	0.0	21207.09961	364.47	0	48.840564	-86.931565	56109.88	56221.1	28.86	56138.73	56126.87891	56080.28557	56067.67578	505021.4	5409734.5
L5020.0	0.0	0.0	21207.19922	362.68	0	48.840564	-86.931565	56108.95	56221.1	28.85	56137.81	56126.05859	56080.24592	56067.73047	505021.4	5409734.5
L5020.0	0.0	0.0	21207.30078	366.61	0	48.840576	-86.931565	56107.98	56221.1	28.85	56136.83	56125.17969	56078.56834	56066.14844	505021.4	5409735.9
L5020.0	0.0	0.0	21207.40039	369.02	0	48.840584	-86.931565	56106.88	56221.2	28.85	56135.73	56124.19141	56073.84346	56061.52344	505021.4	5409736.7
L5020.0	0.0	0.0	21207.50000	372.36	0	48.840584	-86.931565	56105.88	56221.2	28.85	56134.72	56123.29688	56071.00101	56058.78906	505021.4	5409736.7
L5020.0	0.0	0.0	21207.59961	375.87	0	48.840599	-86.931565	56105.46	56221.2	28.84	56134.31	56123.01172	56082.01408	56069.91406	505021.4	5409738.5
L5020.0	0.0	0.0	21207.69922	375.58	0	48.840611	-86.931565	56104.21	56221.2	28.84	56133.05	56121.87891	56072.84146	56060.85547	505021.4	5409739.8
L5020.0	0.0	0.0	21207.69922	375.58	0	48.840620	-86.931565	56103.27	56221.2	28.84	56132.11	56121.07422	56070.95158	56059.08594	505021.4	5409740.7
L5020.0	0.0	0.0	21207.90039	378.48	0	48.840631	-86.931565	56102.31	56221.2	28.83	56131.14	56120.24219	56068.12837	56056.38672	505021.4	5409742.0
L5020.0	0.0	0.0	21208.00000	380.22	0	48.840631	-86.931565	56101.46	56221.2	28.83	56130.29	56119.53906	56067.89448	56056.28516	505021.4	5409742.0
L5020.0	0.0	0.0	21208.09961	376.46	0	48.840644	-86.931565	56100.23	56221.2	28.83	56129.07	56118.47266	56058.74768	56047.27344	505021.4	5409743.5
L5020.0	0.0	0.0	21208.19922	376.38	0	48.840644	-86.931565	56099.81	56221.2	28.84	56128.64	56118.20313	56067.92278	56056.58984	505021.4	5409743.5
L5020.0	505021.4	5409745.5	21208.30078	374.74	0	48.840662	-86.931565	56098.59	56221.2	28.84	56127.44	56117.16797	56058.79789	56047.60938	505021.4	5409745.5
L5020.0	505021.4	5409746.7	21208.40039	370.64	0	48.840674	-86.931565	56097.63	56221.2	28.85	56126.48	56116.37500	56055.08686	56044.05078	505021.4	5409746.7
L5020.0	505021.4	5409748.3	21208.50000	370.93	0	48.840687	-86.931565	56096.89	56221.1	28.85	56125.75	56115.82031	56056.55740	56045.67578	505021.4	5409748.3
L5020.0	505021.4	5409748.3	21208.59961	371.85	0	48.840687	-86.931565	56095.93	56221.1	28.85	56124.78	56115.03516	56052.17814	56041.45703	505021.4	5409748.3
L5020.0	505021.4	5409749.3	21208.69922	374.61	0	48.840697	-86.931565	56095.28	56221.1	28.86	56124.14	56114.58203	56055.33387	56044.78125	505021.4	5409749.3
L5020.0	505021.4	5409750.6	21208.80078	374.33	0	48.840708	-86.931565	56094.29	56221.1	28.86	56123.15	56113.78125	56050.06356	56039.68359	505021.4	5409750.6

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5020.0	505021.4	5409751.7	21208.90039	378.61	0	48.840718	-86.931565	56093.73	56221.1	28.87	56122.60	56113.42969	56054.91737	56044.71484	505021.4	5409751.7
L5020.0	505021.4	5409751.7	21209.00000	376.54	0	48.840718	-86.931565	56092.60	56221.1	28.87	56121.47	56112.50391	56045.95257	56035.93359	505021.4	5409751.7
L5020.0	505021.4	5409752.7	21209.09961	378.62	0	48.840728	-86.931565	56092.06	56221.1	28.87	56120.93	56112.17188	56050.64094	56040.80859	505021.4	5409752.7
L5020.0	505021.4	5409754.0	21209.19922	377.54	0	48.840739	-86.931565	56090.90	56221.1	28.87	56119.77	56111.22266	56040.57960	56030.94141	505021.4	5409754.0
L5020.0	505021.4	5409754.0	21209.30078	380.21	0	48.840739	-86.931565	56090.26	56221.1	28.87	56119.13	56110.80078	56042.53639	56033.10156	505021.4	5409754.0
L5020.0	505021.4	5409755.3	21209.40039	379.01	0	48.840751	-86.931565	56089.59	56221.1	28.87	56118.46	56110.35156	56043.60352	56034.37500	505021.4	5409755.3
L5020.0	505021.4	5409756.8	21209.50000	378.98	0	48.840764	-86.931565	56089.06	56221.1	28.87	56117.93	56110.05078	56047.77668	56038.75781	505021.4	5409756.8
L5020.0	505021.4	5409758.2	21209.59961	377.72	0	48.840776	-86.931565	56088.42	56221.1	28.87	56117.29	56109.64453	56049.19146	56040.39063	505021.4	5409758.2
L5020.0	505021.4	5409758.2	21209.69922	377.21	0	48.840776	-86.931565	56087.61	56221.1	28.87	56116.48	56109.07031	56046.44421	56037.86719	505021.4	5409758.2
L5020.0	505021.4	5409759.7	21209.69922	377.21	0	48.840790	-86.931565	56086.70	56221.1	28.87	56115.57	56108.40234	56041.18343	56032.83594	505021.4	5409759.7
L5020.0	505021.4	5409761.2	21209.90039	371.23	0	48.840804	-86.931565	56086.09	56221.1	28.87	56114.96	56108.03516	56042.80512	56034.69531	505021.4	5409761.2
L5020.0	505021.5	5409762.5	21210.00000	368.66	0	48.840816	-86.931565	56085.64	56221.1	28.87	56114.51	56107.83594	56048.02792	56040.16016	505021.5	5409762.5
L5020.0	505021.5	5409763.8	21210.09961	370.98	0	48.840828	-86.931564	56084.95	56221.1	28.87	56113.83	56107.41016	56047.70140	56040.07813	505021.5	5409763.8
L5020.0	505021.5	5409763.8	21210.19922	371.67	0	48.840828	-86.931564	56084.40	56221.1	28.88	56113.27	56107.10938	56050.04811	56042.67969	505021.5	5409763.8
L5020.0	505021.5	5409765.6	21210.30078	372.12	0	48.840843	-86.931564	56083.54	56221.1	28.88	56112.42	56106.51953	56045.44833	56038.33984	505021.5	5409765.6
L5020.0	505021.5	5409767.0	21210.40039	374.14	0	48.840856	-86.931564	56083.11	56221.1	28.88	56112.00	56106.36719	56050.81129	56043.96484	505021.5	5409767.0
L5020.0	505021.5	5409767.0	21210.50000	374.66	0	48.840856	-86.931564	56082.27	56221.1	28.89	56111.16	56105.79688	56046.18766	56039.61328	505021.5	5409767.0
L5020.0	505021.5	5409768.6	21210.59961	377.89	0	48.840871	-86.931564	56081.67	56221.1	28.89	56110.56	56105.46875	56047.07827	56040.78125	505021.5	5409768.6
L5020.0	505021.5	5409768.6	21210.69922	375.25	0	48.840871	-86.931564	56081.11	56221.1	28.89	56110.00	56105.18359	56048.79395	56042.78125	505021.5	5409768.6
L5020.0	505021.5	5409770.5	21210.80078	371.03	0	48.840888	-86.931564	56080.43	56221.1	28.89	56109.32	56104.78516	56047.58470	56041.85938	505021.5	5409770.5
L5020.0	505021.5	5409770.5	21210.90039	369.13	0	48.840888	-86.931564	56079.70	56221.1	28.90	56108.59	56104.33594	56045.10027	56039.66797	505021.5	5409770.5
L5020.0	505021.6	5409772.3	21211.00000	367.32	0	48.840904	-86.931563	56079.22	56221.1	28.90	56108.12	56104.15234	56048.62497	56043.49219	505021.6	5409772.3
L5020.0	505021.6	5409774.1	21211.09961	368.80	0	48.840920	-86.931563	56078.66	56221.1	28.90	56107.56	56103.88281	56049.94843	56045.12109	505021.6	5409774.1
L5020.0	505021.6	5409775.2	21211.19922	369.04	0	48.840930	-86.931563	56078.18	56221.1	28.90	56107.08	56103.69531	56053.06834	56048.55078	505021.6	5409775.2
L5020.0	505021.6	5409776.8	21211.30078	373.11	0	48.840944	-86.931562	56077.44	56221.1	28.90	56106.34	56103.25000	56050.00927	56045.80859	505021.6	5409776.8
L5020.0	505021.6	5409776.8	21211.40039	377.02	0	48.840944	-86.931562	56076.73	56221.1	28.90	56105.64	56102.84766	56047.82104	56043.94141	505021.6	5409776.8
L5020.0	505021.7	5409778.6	21211.50000	377.97	0	48.840960	-86.931562	56076.33	56221.1	28.91	56105.23	56102.73438	56052.37969	56048.82813	505021.7	5409778.6
L5020.0	505021.7	5409780.3	21211.59961	377.86	0	48.840976	-86.931562	56075.98	56221.1	28.91	56104.88	56102.68750	56058.29244	56055.07422	505021.7	5409780.3
L5020.0	505021.7	5409780.3	21211.69922	377.10	0	48.840976	-86.931562	56075.34	56221.1	28.91	56104.25	56102.36328	56057.58413	56054.70313	505021.7	5409780.3
L5020.0	505021.7	5409781.4	21211.69922	377.10	0	48.840986	-86.931561	56074.69	56221.1	28.91	56103.60	56102.01953	56056.36577	56053.82813	505021.7	5409781.4
L5020.0	505021.7	5409783.1	21211.90039	369.56	0	48.841001	-86.931561	56073.98	56221.1	28.91	56102.89	56101.61719	56053.70537	56051.51563	505021.7	5409783.1
L5020.0	505021.7	5409783.1	21212.00000	368.32	0	48.841001	-86.931561	56073.80	56221.1	28.91	56102.71	56101.75000	56063.46142	56061.62500	505021.7	5409783.1
L5020.0	505021.7	5409784.7	21212.09961	366.95	0	48.841015	-86.931561	56072.94	56221.1	28.91	56101.85	56101.19922	56057.23413	56055.75391	505021.7	5409784.7
L5020.0	505021.7	5409785.7	21212.19922	367.54	0	48.841024	-86.931561	56072.23	56221.1	28.91	56101.14	56100.80469	56054.51657	56053.39844	505021.7	5409785.7
L5020.0	505021.7	5409787.0	21212.30078	368.83	0	48.841036	-86.931561	56071.45	56221.1	28.91	56100.36	56100.33984	56050.15115	56049.39844	505021.7	5409787.0
L5020.0	505021.7	5409788.6	21212.40039	369.66	0	48.841050	-86.931560	56071.27	56221.1	28.91	56100.18	56100.47656	56059.87474	56059.49609	505021.7	5409788.6
L5020.0	505021.7	5409788.6	21212.50000	371.41	0	48.841050	-86.931560	56070.66	56221.1	28.91	56099.57	56100.18750	56059.51365	56059.51172	505021.7	5409788.6
L5020.0	505021.8	5409790.4	21212.59961	375.63	0	48.841066	-86.931560	56070.16	56221.1	28.91	56099.07	56100.00391	56061.75288	56062.13281	505021.8	5409790.4
L5020.0	505021.8	5409790.4	21212.69922	376.33	0	48.841066	-86.931560	56069.86	56221.1	28.91	56098.77	56100.02734	56068.71292	56069.47656	505021.8	5409790.4
L5020.0	505021.8	5409791.9	21212.80078	378.38	0	48.841080	-86.931560	56069.13	56221.1	28.91	56098.04	56099.61719	56065.61099	56066.76563	505021.8	5409791.9
L5020.0	505021.8	5409793.6	21212.90039	377.40	0	48.841095	-86.931560	56068.67	56221.1	28.91	56097.58	56099.48047	56068.88858	56070.43750	505021.8	5409793.6
L5020.0	505021.8	5409793.6	21213.00000	377.88	0	48.841095	-86.931560	56068.01	56221.1	28.91	56096.92	56099.14453	56067.51935	56069.46484	505021.8	5409793.6
L5020.0	505021.7	5409794.9	21213.09961	375.95	0	48.841107	-86.931560	56067.27	56221.1	28.91	56096.19	56098.73828	56064.56311	56066.91406	505021.7	5409794.9
L5020.0	505021.7	5409796.6	21213.19922	375.27	0	48.841122	-86.931561	56066.49	56221.1	28.92	56095.41	56098.28125	56060.49730	56063.25391	505021.7	5409796.6
L5020.0	505021.7	5409796.6	21213.30078	376.09	0	48.841122	-86.931561	56066.29	56221.1	28.92	56095.20	56098.39844	56069.88555	56073.05078	505021.7	5409796.6
L5020.0	505021.7	5409798.4	21213.40039	375.06	0	48.841139	-86.931561	56065.50	56221.1	28.92	56094.43	56097.95313	56066.20705	56069.78906	505021.7	5409798.4
L5020.0	505021.7	5409799.7	21213.50000	374.21	0	48.841150	-86.931561	56064.67	56221.1	28.93	56093.59	56097.43750	56060.97359	56064.97266	505021.7	5409799.7
L5020.0	505021.7	5409801.1	21213.59961	374.80	0	48.841162	-86.931561	56063.86	56221.1	28.93	56092.79	56096.96484	56056.77580	56061.19922	505021.7	5409801.1
L5020.0	505021.7	5409801.1	21213.69922	376.54	0	48.841162	-86.931561	56063.28	56221.1	28.93	56092.21	56096.71094	56057.84778	56062.69531	505021.7	5409801.1
L5020.0	505021.7	5409803.3	21213.69922	376.54	0	48.841182	-86.931562	56063.20	56221.1	28.93	56092.13	56096.95313	56070.77141	56076.05078	505021.7	5409803.3
L5020.0	505021.7	5409804.5	21213.90039	376.23	0	48.841193	-86.931562	56062.70	56221.1	28.94	56091.64	56096.78906	56074.19117	56079.90234	505021.7	5409804.5
L5020.0	505021.7	5409805.7	21214.00000	375.78	0	48.841204	-86.931562	56062.09	56221.1	28.94	56091.03	56096.50391	56074.92386	56081.07422	505021.7	5409805.7
L5020.0	505021.7	5409805.7	21214.09961	376.73	0	48.841204	-86.931562	56061.13	56221.1	28.94	56090.07	56095.87109	56067.57839	56074.16797	505021.7	5409805.7
L5020.0	505021.7	5409807.0	21214.19922	374.88	0	48.841216	-86.931561	56060.67	56221.1	28.94	56089.60	56095.72266	56071.88399	56078.91797	505021.7	5409807.0
L5020.0	505021.7	5409808.7	21214.30078	373.02	0	48.841231	-86.931561	56060.24	56221.1	28.93	56089.18	56095.62891	56077.51958	56085.00000	505021.7	5409808.7
L5020.0	505021.7	5409810.1	21214.40039	370.84	0	48.841243	-86.931561	56059.31	56221.1	28.93	56088.25	56095.01953	56071.34697	56079.28125	505021.7	5409810.1
L5020.0	505021.7	5409810.1	21214.50000	369.97	0	48.841243	-86.931561	56058.72	56221.1	28.93	56087.65	56094.74219	56073.09564	56081.48438	505021.7	5409810.1
L5020.0	505021.7	5409811.9	21214.59961	369.03	0	48.841260	-86.931561	56057.92	56221.1	28.93	56086.85	56094.26563	56070.33184	56079.17969	505021.7	5409811.9
L5020.0	505021.7	5409811.9	21214.69922	369.21	0	48.841260	-86.931561	56057.36	56221.1	28.93	56086.28	56094.01563	56073.15971	56082.46484	505021.7	5409811.9
L5020.0	505021.7	5409813.4	21214.80078	368.05	0	48.841273	-86.931561	56056.78	56221.1	28.92	56085.70	56093.75391	56075.95396	56085.72266	505021.7	5409813.4
L5020.0	505021.7	5409814.9	21214.90039	368.29	0	48.841287	-86.931561	56056.55	56221.1	28.92	56085.47	56093.84375	56087.17551	56097.41406	505021.7	5409814.9
L5020.0	505021.7	5409814.9	21215.00000	370.34	0	48.841287	-86.931561	56055.56	56221.1	28.92	56084.48	56093.16797	56080.77436	56091.48438	505021.7	5409814.9
L5020.0	505021.7	5409816.7	21215.09961	369.98	0	48.841303	-86.931560	56054.95	56221.1	28.92	56083.88	56092.88672	56083.75830	56094.94141	505021.7	5409816.7
L5020.0	505021.7	5409818.1	21215.19922	370.61	0	48.841316	-86.931560	56054.35	56221.1	28.92	56083.27	56092.58984	56086.74604	56098.40625	505021.7	5409818.1
L5020.0	505021.7	5409819.5	21215.30078	374.74	0	48.841328	-86.931560	56053.64	56221.1	28.93	56082.57	56092.20313	56087.86897	56100.01172	505021.7	5409819.5
L5020.0	505021.7	5409819.5	21215.40039	374.12	0	48.841328	-86.931560	56052.73	56221.1	28.93	56081.65	56091.59375	56084.08471	56096.71094	505021.7	5409819.5
L5020.0	505021.7	5409821.3	21215.50000	377.18	0	48.841344	-86.931560	56051.77	56221.1	28.93	56080.70	56090.95313	56079.86352	56092.97656	505021.7	5409821.3
L5020.0	505021.7	5409821.3	21215.59961	376.86	0	48.841344	-86.931560	56051.16	56221.1	28.93	56080.09	56090.65234	56083.90154	56097.50391	505021.7	5409821.3
L5020.0	505021.7	5409822.7	21215.69922	376.91	0	48.841357	-86.931560	56050.32	56221.1	28.93	56079.26	56090.12891	56083.06152	56097.15625	505021.7	5409822.7
L5020.0	505021.7	5409823.9	21215.69922	376.91	0	48.841368	-86.931560	56049.65	56221.1	28.93	56078.58	56089.75391	56086.03970	56100.62891	505021.7	5409823.9
L5020.0	505021.7	5409823.9	21215.90039	378.80	0	48.841368	-86.931560	56048.66	56221.1	28.94	56077.60	56089.07813	56082.28136	56097.37109	505021.7	5409823.9
L5020.0	505021.7	5409825.3	21216.00000	378.58	0	48.841380	-86.931561	56048.13	56221.1	28.94	56077.07	56088.84766	56089.40400	56104.99609	505021.7	5409825.3
L5020.0	505021.7	5409826.4	21216.09961	375.01	0	48.841390	-86.931561	56047.20	56221.1	28.94	56076.14	56088.21484	56087.46223	56103.56250	505021.7	5409826.4
L5020.0	505021.7	5409828.6	21216.19922	375.20	0	48.841410	-86.931561	56046.20	56221.1	28.94	56075.15	56087.52344	56084.44809	56101.05469	505021.7	5409828.6
L5020.0	505021.7	5409830.0	21216.30078	376.80	0	48.841423	-86.931561	56045.42	56221.1	28.94	56074.36	56087.02734	56086.47548	56103.59375	505021.7	5409830.0
L5020.0	505021.7	5409830.0	21216.40039	373.16	0	48.841423	-86.931561	56044.48	56221.1	28.94	56073.42	56086.38281	56085.33744	56102.97266	505021.7	5409830.0
L5020.0	505021.6	5409831.7	21216.50000	373.68	0	48.841438	-86.931561	56043.38	56221.1	28.94	56072.32	56085.57422	56080.80912	56098.96484	505021.6	5409831.7
L5020.0	505021.6	5409833.3	21216.59961	375.19	0	48.841452	-86.931561	56042.31	56221.1	28.95	56071.25	56084.79297	56077.36099	56096.03906	505021.6	5409833.3
L5020.0	505021.6	5409833.3	21216.69922	375.78	0	48.841452	-86.931561	56041.81	56221.1	28.95	56070.76	56084.58594	56087.91518	56107.11719	505021.6	5409833.3
L5020.0	505021.6	5409835.1	21216.80078	370.26	0	48.841469	-86.931562	56040.89	56221.1	28.95	56069.83	56083.94141	56088.53510	56108.26563	505021.6	5409835.1
L5020.0	505021.6	5409836.5	21216.90039	370.89	0	48.841481	-86.931562	56039.81	56221.1	28.95	56068.75	56083.14453	56086.03878	56106.30078	505021.6	5409836.5
L5020.0	505021.6	5409837.9	21217.00000	374.66	0	48.841494	-86.931562	56038.82	56221.1	28.95	56067.77	56082.44141	56086.30509	56107.10547	505021.6	5409837.9
L5020.0	505021.6	5409837.9	21217.09961	376.14	0	48.841494	-86.931562	56037.86	56221.1	28.95	56066.81	56081.75781	56087.46547	56108.80469	505021.6	5409837.9
L5020.0	505021.6	5409839.2	21217.19922	374.41	0	48.841506	-86.931562	56036.75	56221.1	28.95	56065.70	56080.92188	56085.53833	56107.41797	505021.6	5409839.2
L5020.0	505021.6	5409839.2	21217.30078	370.57	0	48.841506	-86.931562	56035.56	56221.1	28.95	56064.50	56079.99609	56081.94163	56104.36719	505021.6	5409839.2
L5020.0	505021.6	5409842.6	21217.40039	371.93	0	48.841536	-86.931562	56034.70	56221.1	28.95	56063.64	56079.40625	56086.77963	56109.75781	505021.6	5409842.6
L5020.0	505021.6	5409842.6	21217.50000	375.52	0	48.841536	-86.931562	56033.36	56221.1	28.95	56062.31	56078.33984	56081.04517	56104.57422	505021.6	5409842.6
L5020.0	505021.6	5409844.1	21217.59961	374.23	0	48.841550	-86.931562	56032.52	56221.1	28.95	56061.47	56077.76563	56087.28491	56111.37109	505021.6	5409844.1
L5020.0	505021.6	5409844.1	21217.69922	373.62	0	48.841550	-86.931562	56031.28	56221.1	28.95	56060.23	56076.78516	56084.61317	56109.26172	505021.6	5409844.1
L5020.0	505021.6	5409845.8	21217.69922	373.62	0	48.841564	-86.931562	56029.99	56221.1	28.95	56058.94	56075.75391	56081.25538	56106.46484	505021.6	5409845.8
L5020.0	505021.6	5409847.9	21217.90039	373.03	0	48.841584	-86.931562	56028.63	56221.1	28.95	56057.57	56074.64063	56076.51551	56102.29688	505021.6	5409847.9
L5020.0	505021.5	5409849.4	21218.00000	372.57	0	48.841597	-86.931562	56027.59	56221.1	28.95	56056.54	56073.86719	56080.26190	56106.61719	505021.5	5409849.4
L5020.0	505021.5	5409850.4	21218.09961	369.97	0	48.841606	-86.931562	56026.30	56221	28.95	56055.25	56072.82813	56078.41622	56105.34375	505021.5	5409850.4

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5020.0	505021.5	5409850.4	21218.19922	366.64	0	48.841606	-86.931562	56024.70	56221	28.95	56053.66	56071.48438	56070.04692	56097.55469	505021.5	5409850.4
L5020.0	505021.5	5409851.6	21218.30078	367.52	0	48.841617	-86.931563	56023.89	56221	28.96	56052.85	56070.91797	56080.51620	56108.60938	505021.5	5409851.6
L5020.0	505021.5	5409852.8	21218.40039	370.90	0	48.841628	-86.931563	56021.89	56221	28.96	56050.85	56069.16406	56063.58158	56092.26172	505021.5	5409852.8
L5020.0	505021.5	5409854.5	21218.50000	370.54	0	48.841643	-86.931562	56020.56	56221	28.96	56049.52	56068.07422	56062.91654	56092.19141	505021.5	5409854.5
L5020.0	505021.5	5409854.5	21218.59961	372.76	0	48.841643	-86.931562	56019.57	56221	28.96	56048.53	56067.32031	56070.77990	56100.64844	505021.5	5409854.5
L5020.0	505021.5	5409856.0	21218.69922	375.11	0	48.841657	-86.931562	56018.23	56221	28.96	56047.19	56066.21484	56070.97847	56101.44922	505021.5	5409856.0
L5020.0	505021.6	5409857.7	21218.80078	375.76	0	48.841672	-86.931562	56016.58	56221	28.97	56045.55	56064.80469	56064.69149	56095.76563	505021.6	5409857.7
L5020.0	505021.6	5409857.7	21218.90039	375.21	0	48.841672	-86.931562	56015.29	56221	28.97	56044.26	56063.74609	56067.18389	56098.86719	505021.6	5409857.7
L5020.0	505021.6	5409859.0	21219.00000	373.00	0	48.841683	-86.931562	56013.38	56221	28.97	56042.35	56062.05859	56055.68768	56087.98438	505021.6	5409859.0
L5020.0	505021.6	5409860.6	21219.09961	372.56	0	48.841698	-86.931562	56012.23	56221	28.97	56041.20	56061.13281	56062.60496	56095.51953	505021.6	5409860.6
L5020.0	505021.6	5409862.2	21219.19922	372.49	0	48.841712	-86.931562	56010.57	56221	28.97	56039.53	56059.68359	56057.88897	56091.42188	505021.6	5409862.2
L5020.0	505021.6	5409863.7	21219.30078	369.32	0	48.841726	-86.931562	56009.04	56221	28.96	56038.01	56058.38281	56057.27225	56091.43359	505021.6	5409863.7
L5020.0	505021.6	5409863.7	21219.40039	368.75	0	48.841726	-86.931562	56007.63	56221	28.96	56036.60	56057.18750	56059.81827	56094.60938	505021.6	5409863.7
L5020.0	505021.6	5409865.4	21219.50000	368.48	0	48.841741	-86.931561	56005.38	56221	28.96	56034.34	56055.13672	56042.99126	56078.41797	505021.6	5409865.4
L5020.0	505021.6	5409866.6	21219.59961	368.59	0	48.841752	-86.931561	56003.89	56221	28.96	56032.85	56053.85547	56044.82511	56080.89063	505021.6	5409866.6
L5020.0	505021.6	5409868.5	21219.69922	368.41	0	48.841769	-86.931561	56002.34	56221	28.96	56031.30	56052.51563	56045.83487	56082.53906	505021.6	5409868.5
L5020.0	505021.6	5409868.5	21219.69922	368.41	0	48.841769	-86.931561	56000.75	56221	28.96	56029.70	56051.11719	56046.25550	56083.60938	505021.6	5409868.5
L5020.0	505021.7	5409869.9	21219.90039	370.96	0	48.841781	-86.931561	55998.93	56221	28.95	56027.88	56049.50000	56042.09553	56080.10156	505021.7	5409869.9
L5020.0	505021.7	5409871.5	21220.00000	371.01	0	48.841796	-86.931561	55997.16	56221.1	28.95	56026.11	56047.92578	56039.69261	56078.35547	505021.7	5409871.5
L5020.0	505021.7	5409871.5	21220.09961	370.76	0	48.841796	-86.931561	55995.41	56221	28.95	56024.37	56046.38281	56038.57547	56077.89844	505021.7	5409871.5
L5020.0	505021.7	5409873.2	21220.19922	371.45	0	48.841811	-86.931560	55993.41	56221	28.96	56022.37	56044.57422	56031.93337	56071.91797	505021.7	5409873.2
L5020.0	505021.7	5409875.1	21220.30078	368.84	0	48.841828	-86.931560	55991.64	56221	28.96	56020.61	56043.00391	56031.50158	56072.15234	505021.7	5409875.1
L5020.0	505021.7	5409875.1	21220.40039	367.49	0	48.841828	-86.931560	55989.77	56221	28.97	56018.74	56041.32031	56029.05933	56070.38672	505021.7	5409875.1
L5020.0	505021.7	5409876.8	21220.50000	370.63	0	48.841844	-86.931560	55988.00	56221	28.97	56016.97	56039.73828	56029.53213	56071.53516	505021.7	5409876.8
L5020.0	505021.8	5409878.4	21220.59961	372.77	0	48.841858	-86.931559	55986.03	56221	28.97	56015.00	56037.94922	56025.87156	56068.55469	505021.8	5409878.4
L5020.0	505021.8	5409878.4	21220.69922	372.91	0	48.841858	-86.931559	55983.86	56221	28.98	56012.83	56035.95703	56018.07145	56061.43750	505021.8	5409878.4
L5020.0	505021.8	5409881.6	21220.80078	375.36	0	48.841887	-86.931559	55981.68	56221	28.98	56010.66	56033.96484	56010.82024	56054.87500	505021.8	5409881.6
L5020.0	505021.8	5409881.6	21220.90039	374.29	0	48.841887	-86.931559	55979.78	56221	28.99	56008.76	56032.23828	56010.44892	56055.19531	505021.8	5409881.6
L5020.0	505021.8	5409881.6	21221.00000	372.60	0	48.841887	-86.931559	55977.70	56221	28.99	56006.69	56030.33984	56006.61914	56052.06250	505021.8	5409881.6
L5020.0	505021.8	5409883.0	21221.09961	370.52	0	48.841900	-86.931559	55975.78	56221	28.99	56004.77	56028.58594	56006.83409	56052.97656	505021.8	5409883.0
L5020.0	505021.8	5409884.8	21221.19922	370.21	0	48.841915	-86.931558	55973.81	56221	28.99	56002.81	56026.79297	56006.62296	56053.46875	505021.8	5409884.8
L5020.0	505021.8	5409886.1	21221.30078	371.89	0	48.841927	-86.931558	55971.64	56221	28.99	56000.63	56024.77734	56001.74885	56049.30078	505021.8	5409886.1
L5020.0	505021.8	5409887.6	21221.40039	372.98	0	48.841941	-86.931558	55969.64	56221	28.99	55998.64	56022.94922	56001.82535	56050.08984	505021.8	5409887.6
L5020.0	505021.8	5409887.6	21221.50000	373.78	0	48.841941	-86.931558	55967.06	56221	28.99	55996.05	56020.51563	55988.29296	56037.26953	505021.8	5409887.6
L5020.0	505021.8	5409889.5	21221.59961	374.34	0	48.841958	-86.931558	55965.26	56221	29.00	55994.25	56018.87500	55993.77085	56043.46094	505021.8	5409889.5
L5020.0	505021.8	5409891.0	21221.69922	374.76	0	48.841971	-86.931558	55963.16	56221	29.00	55992.16	56016.93750	55992.88952	56043.30078	505021.8	5409891.0
L5020.0	505021.8	5409891.0	21221.69922	374.76	0	48.841971	-86.931558	55960.58	56221	29.00	55989.58	56014.50781	55980.93820	56032.07031	505021.8	5409891.0
L5020.0	505021.8	5409892.5	21221.90039	373.34	0	48.841985	-86.931558	55958.51	56221	29.00	55987.51	56012.58594	55981.37745	56033.23438	505021.8	5409892.5
L5020.0	505021.8	5409894.7	21222.00000	376.19	0	48.842004	-86.931558	55955.85	56221	29.00	55984.85	56010.07422	55968.36560	56020.94922	505021.8	5409894.7
L5020.0	505021.8	5409894.7	21222.09961	376.81	0	48.842004	-86.931558	55954.00	56221	29.00	55983.00	56008.36719	55974.75219	56028.06250	505021.8	5409894.7
L5020.0	505021.8	5409896.2	21222.19922	372.42	0	48.842018	-86.931558	55951.75	56221	29.00	55980.75	56006.25781	55972.11134	56026.15234	505021.8	5409896.2
L5020.0	505021.8	5409897.1	21222.30078	370.70	0	48.842026	-86.931558	55949.18	56221	29.00	55978.18	56003.82813	55962.30142	56017.07422	505021.8	5409897.1
L5020.0	505021.8	5409898.3	21222.40039	372.21	0	48.842037	-86.931558	55947.10	56221	29.00	55976.10	56001.88281	55964.31801	56019.82813	505021.8	5409898.3
L5020.0	505021.8	5409898.3	21222.50000	375.35	0	48.842037	-86.931558	55944.27	56221	29.00	55973.27	55999.18750	55949.02833	56005.27344	505021.8	5409898.3
L5020.0	505021.8	5409900.2	21222.59961	373.91	0	48.842055	-86.931559	55942.24	56221	29.00	55971.24	55997.29297	55952.79910	56009.78125	505021.8	5409900.2
L5020.0	505021.8	5409902.0	21222.69922	372.67	0	48.842071	-86.931559	55939.74	56221	29.00	55968.74	55994.92188	55945.79153	56003.51172	505021.8	5409902.0
L5020.0	505021.7	5409903.7	21222.80078	373.03	0	48.842086	-86.931559	55936.96	56221	29.00	55965.96	55992.26953	55932.44216	55990.89844	505021.7	5409903.7
L5020.0	505021.7	5409903.7	21222.90039	373.23	0	48.842086	-86.931559	55934.56	56221	29.00	55963.56	55989.99609	55928.22085	55987.41797	505021.7	5409903.7
L5020.0	505021.7	5409905.1	21223.00000	372.75	0	48.842099	-86.931560	55932.18	56221	29.00	55961.18	55987.73828	55924.65023	55984.58594	505021.7	5409905.1
L5020.0	505021.7	5409906.8	21223.09961	370.67	0	48.842114	-86.931560	55929.64	56221	29.00	55958.65	55985.32813	55917.71278	55978.38672	505021.7	5409906.8
L5020.0	505021.7	5409906.8	21223.19922	370.61	0	48.842114	-86.931560	55927.12	56221	29.00	55956.12	55982.91797	55910.90277	55972.31641	505021.7	5409906.8
L5020.0	505021.7	5409908.4	21223.30078	372.25	0	48.842128	-86.931560	55924.91	56221	29.00	55953.92	55980.83594	55911.93953	55974.08984	505021.7	5409908.4
L5020.0	505021.7	5409908.4	21223.40039	372.53	0	48.842128	-86.931560	55921.78	56221	29.00	55950.78	55977.80859	55890.97872	55953.86719	505021.7	5409908.4
L5020.0	505021.6	5409910.1	21223.50000	371.25	0	48.842143	-86.931561	55919.43	56221	29.01	55948.43	55975.57422	55888.60580	55952.23047	505021.6	5409910.1
L5020.0	505021.6	5409911.7	21223.59961	370.77	0	48.842157	-86.931561	55916.90	56221	29.01	55945.90	55973.15234	55882.01807	55946.37500	505021.6	5409911.7
L5020.0	505021.6	5409913.5	21223.69922	371.02	0	48.842174	-86.931561	55914.14	56221	29.01	55943.15	55970.51172	55870.24561	55935.33203	505021.6	5409913.5
L5020.0	505021.6	5409913.5	21223.69922	371.02	0	48.842174	-86.931561	55911.69	56221	29.01	55940.70	55968.16797	55865.46488	55931.28125	505021.6	5409913.5
L5020.0	505021.6	5409915.1	21223.90039	372.21	0	48.842188	-86.931561	55909.23	56221	29.01	55938.24	55965.81250	55860.36595	55926.91406	505021.6	5409915.1
L5020.0	505021.6	5409916.6	21224.00000	371.27	0	48.842202	-86.931561	55906.81	56221	29.01	55935.82	55963.49609	55856.08995	55923.35938	505021.6	5409916.6
L5020.0	505021.6	5409916.6	21224.09961	372.10	0	48.842202	-86.931561	55903.82	56221	29.01	55932.83	55960.60547	55838.28275	55906.27344	505021.6	5409916.6
L5020.0	505021.6	5409918.3	21224.19922	372.52	0	48.842217	-86.931562	55901.49	56221	29.01	55930.50	55958.37500	55835.78706	55904.49609	505021.6	5409918.3
L5020.0	505021.6	5409919.6	21224.30078	368.30	0	48.842228	-86.931562	55899.02	56221	29.01	55928.03	55956.00391	55829.78712	55899.20703	505021.6	5409919.6
L5020.0	505021.6	5409921.4	21224.40039	368.39	0	48.842245	-86.931562	55896.36	56221	29.01	55925.37	55953.43750	55819.07432	55889.20313	505021.6	5409921.4
L5020.0	505021.5	5409922.7	21224.50000	369.13	0	48.842257	-86.931562	55893.83	56221	29.01	55922.84	55951.00000	55811.12606	55881.96094	505021.5	5409922.7
L5020.0	505021.5	5409922.7	21224.59961	370.20	0	48.842257	-86.931562	55891.68	56221	29.02	55920.70	55948.95313	55812.01073	55883.54297	505021.5	5409922.7
L5020.0	505021.5	5409924.2	21224.69922	370.50	0	48.842270	-86.931562	55888.77	56221	29.02	55917.78	55946.12109	55794.22448	55866.44922	505021.5	5409924.2
L5020.0	505021.5	5409924.2	21224.80078	370.71	0	48.842270	-86.931562	55886.02	56221	29.02	55915.03	55943.45703	55780.03406	55852.94922	505021.5	5409924.2
L5020.0	505021.5	5409925.6	21224.90039	371.58	0	48.842282	-86.931562	55883.61	56221	29.02	55912.63	55941.14453	55773.62874	55847.22656	505021.5	5409925.6
L5020.0	505021.5	5409927.3	21225.00000	371.46	0	48.842298	-86.931562	55880.75	56221	29.02	55909.77	55938.36719	55755.95551	55830.22656	505021.5	5409927.3
L5020.0	505021.5	5409928.5	21225.09961	373.72	0	48.842308	-86.931562	55878.27	56221	29.02	55907.29	55935.96875	55746.69794	55821.63672	505021.5	5409928.5
L5020.0	505021.5	5409930.0	21225.19922	373.55	0	48.842322	-86.931562	55875.94	56221	29.02	55904.96	55933.71875	55740.41922	55816.01953	505021.5	5409930.0
L5020.0	505021.5	5409930.0	21225.30078	373.62	0	48.842322	-86.931562	55873.24	56221	29.02	55902.26	55931.09766	55724.87414	55801.12500	505021.5	5409930.0
L5020.0	505021.5	5409931.4	21225.40039	372.73	0	48.842335	-86.931563	55870.51	56221	29.02	55899.53	55928.44531	55708.00752	55784.90625	505021.5	5409931.4
L5020.0	505021.4	5409933.2	21225.50000	376.74	0	48.842351	-86.931563	55868.43	56221	29.03	55897.46	55926.44922	55705.98103	55783.51563	505021.4	5409933.2
L5020.0	505021.4	5409933.2	21225.59961	376.30	0	48.842351	-86.931563	55865.70	56221	29.03	55894.72	55923.78125	55687.53315	55765.69141	505021.4	5409933.2
L5020.0	505021.4	5409934.6	21225.69922	377.88	0	48.842364	-86.931563	55863.45	56221	29.03	55892.47	55921.60547	55679.85978	55758.63672	505021.4	5409934.6
L5020.0	505021.4	5409936.1	21225.69922	377.88	0	48.842377	-86.931563	55861.09	56221	29.03	55890.12	55919.32422	55669.07242	55748.45703	505021.4	5409936.1
L5020.0	505021.4	5409936.1	21225.90039	374.19	0	48.842377	-86.931563	55858.77	56221	29.03	55887.80	55917.07031	55658.18608	55738.16797	505021.4	5409936.1
L5020.0	505021.4	5409938.1	21226.00000	372.56	0	48.842395	-86.931563	55856.12	56221	29.03	55885.15	55914.48828	55638.71233	55719.28125	505021.4	5409938.1
L5020.0	505021.4	5409939.6	21226.09961	371.35	0	48.842409	-86.931563	55854.27	56221	29.03	55883.30	55912.70313	55637.14345	55718.28906	505021.4	5409939.6
L5020.0	505021.4	5409939.6	21226.19922	373.23	0	48.842409	-86.931563	55852.04	56221	29.03	55881.07	55910.53516	55625.74056	55707.44922	505021.4	5409939.6
L5020.0	505021.4	5409942.7	21226.30078	372.87	0	48.842437	-86.931564	55849.28	56221	29.04	55878.32	55907.84766	55601.18102	55683.44531	505021.4	5409942.7
L5020.0	505021.4	5409942.7	21226.40039	372.68	0	48.842437	-86.931564	55847.64	56221	29.04	55876.68	55906.26563	55601.69658	55684.50000	505021.4	5409942.7
L5020.0	505021.4	5409944.5	21226.50000	373.93	0	48.842453	-86.931564	55845.52	56221	29.04	55874.56	55904.20313	55589.92402	55673.25781	505021.4	5409944.5
L5020.0	505021.4	5409944.5	21226.59961	373.07	0	48.842453	-86.931564	55843.24	56221	29.04	55872.28	55901.98047	55573.34137	55657.18750	505021.4	5409944.5
L5020.0	505021.3	5409947.8	21226.69922	375.03	0	48.842482	-86.931564	55841.44	56221	29.04	55870.48	55900.23438	55566.93979	55651.28906	505021.3	5409947.8
L5020.0	505021.3	5409947.8	21226.80078	371.95	0	48.842482	-86.931564	55839.60	56221	29.05	55868.64	55898.44922	55558.47787	55643.31641	505021.3	5409947.8
L5020.0	505021.3	5409948.9	21226.90039	371.12	0	48.842492	-86.931564	55837.57	56221	29.05	55866.62	55896.48047	55544.63605	55629.94922	505021.3	5409948.9
L5020.0	505021.3	5409950.6	21227.00000	369.71	0	48.842507	-86.931564	55836.06	56220.9	29.05	55865.11	55895.01953	55541.58119	55627.35547	505021.3	5409950.6
L5020.0	505021.3	5409950.6	21227.09961	370.56	0	48.842507	-86.931564	55833.61	56220.9	29.05	55862.66	55892.61719	55515.24045	55601.45703	505021.3	5409950.6
L5020.0	505021.3	5409952.2	21227.19922	371.42	0	48.842522	-86.931564	55831.93	56220.9	29.05	55860.98	55890.98438	55505.72858	55592.37500	505021.3	5409952.2
L5020.0	505021.3	5409953.9	21227.30078	370.70	0	48.842537	-86.931565	55830.44	56220.9	29.05	55859.49	55889.53906	55499.39914	55586.46094	505021.3	5409953.9
L5020.0	505021.3	5409955.6	21227.40039	370.69	0	48.842553	-86.931565	55828.52	56220.9	29.05	55857.57	55887.66406	55481.66750	55569.12891	505021.3	5409955.6

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5020.0	505021.3	5409955.6	21227.50000	370.12	0	48.842553	-86.931565	55826.97	56220.9	29.06	55856.02	55886.15625	55471.28700	55559.13281	505021.3	5409955.6
L5020.0	505021.3	5409957.2	21227.59961	371.22	0	48.842567	-86.931565	55825.68	56220.9	29.06	55854.74	55884.91797	55465.88278	55554.09375	505021.3	5409957.2
L5020.0	505021.2	5409958.9	21227.69922	372.49	0	48.842582	-86.931565	55824.22	56220.9	29.06	55853.28	55883.49609	55454.86407	55543.42188	505021.2	5409958.9
L5020.0	505021.2	5409960.6	21227.69922	372.49	0	48.842598	-86.931565	55822.80	56220.9	29.06	55851.86	55882.11328	55443.37055	55532.26172	505021.2	5409960.6
L5020.0	505021.2	5409960.6	21227.90039	376.05	0	48.842598	-86.931565	55821.66	56220.9	29.06	55850.72	55881.00781	55437.01254	55526.21875	505021.2	5409960.6
L5020.0	505021.2	5409962.3	21228.00000	375.61	0	48.842613	-86.931566	55820.33	56220.9	29.06	55849.39	55879.71484	55424.73285	55514.23828	505021.2	5409962.3
L5020.0	505021.2	5409963.8	21228.09961	374.34	0	48.842626	-86.931566	55819.16	56220.9	29.06	55848.22	55878.57813	55414.72645	55504.50781	505021.2	5409963.8
L5020.0	505021.2	5409963.8	21228.19922	372.28	0	48.842626	-86.931566	55818.20	56220.9	29.06	55847.26	55877.64844	55408.14638	55498.18750	505021.2	5409963.8
L5020.0	505021.2	5409965.3	21228.30078	373.90	0	48.842640	-86.931566	55817.26	56220.9	29.06	55846.32	55876.73828	55400.51246	55490.79688	505021.2	5409965.3
L5020.0	505021.1	5409967.0	21228.40039	375.20	0	48.842655	-86.931567	55816.38	56220.9	29.06	55845.44	55875.88672	55392.74539	55483.25391	505021.1	5409967.0
L5020.0	505021.1	5409968.6	21228.50000	373.97	0	48.842669	-86.931567	55815.99	56220.9	29.07	55845.06	55875.53125	55395.15785	55485.87109	505021.1	5409968.6
L5020.0	505021.1	5409968.6	21228.59961	374.62	0	48.842669	-86.931567	55815.14	56220.9	29.07	55844.20	55874.69531	55384.72669	55475.62500	505021.1	5409968.6
L5020.0	505021.1	5409970.4	21228.69922	375.63	0	48.842686	-86.931567	55814.28	56220.9	29.07	55843.35	55873.87109	55372.94101	55464.00391	505021.1	5409970.4
L5020.0	505021.1	5409970.4	21228.80078	374.41	0	48.842686	-86.931567	55814.07	56220.9	29.07	55843.14	55873.68359	55374.57801	55465.78516	505021.1	5409970.4
L5020.0	505021.1	5409973.8	21228.90039	373.32	0	48.842716	-86.931567	55813.62	56220.9	29.07	55842.69	55873.25391	55368.96620	55460.30078	505021.1	5409973.8
L5020.0	505021.1	5409973.8	21229.00000	371.48	0	48.842716	-86.931567	55813.02	56220.9	29.07	55842.09	55872.67188	55358.20799	55449.64453	505021.1	5409973.8
L5020.0	505021.1	5409975.1	21229.09961	372.24	0	48.842728	-86.931567	55812.50	56220.9	29.07	55841.58	55872.17969	55347.92872	55439.44922	505021.1	5409975.1
L5020.0	505021.1	5409976.7	21229.19922	372.67	0	48.842743	-86.931567	55812.89	56220.9	29.07	55841.96	55872.57422	55356.90216	55448.48828	505021.1	5409976.7
L5020.0	505021.1	5409976.7	21229.30078	374.23	0	48.842743	-86.931567	55812.50	56220.9	29.08	55841.58	55872.20703	55346.38524	55438.01172	505021.1	5409976.7
L5020.0	505021.1	5409978.5	21229.40039	372.19	0	48.842758	-86.931567	55812.48	56220.9	29.08	55841.56	55872.19922	55342.66719	55434.31641	505021.1	5409978.5
L5020.0	505021.1	5409978.5	21229.50000	370.52	0	48.842758	-86.931567	55812.45	56220.9	29.08	55841.53	55872.18359	55337.05817	55428.70703	505021.1	5409978.5
L5020.0	505021.1	5409980.5	21229.59961	370.58	0	48.842777	-86.931567	55812.82	56220.9	29.08	55841.90	55872.56250	55339.18175	55430.80859	505021.1	5409980.5
L5020.0	505021.1	5409982.2	21229.69922	372.61	0	48.842792	-86.931567	55813.34	56220.9	29.08	55842.42	55873.08984	55343.16824	55434.75391	505021.1	5409982.2
L5020.0	505021.1	5409984.0	21229.69922	372.61	0	48.842808	-86.931567	55813.46	56220.9	29.08	55842.55	55873.22266	55336.34112	55427.86328	505021.1	5409984.0
L5020.0	505021.1	5409984.0	21229.80078	370.35	0	48.842808	-86.931567	55814.43	56220.9	29.09	55843.51	55874.18750	55347.34462	55438.78125	505021.1	5409984.0
L5020.0	505021.1	5409985.7	21230.00000	371.61	0	48.842824	-86.931567	55815.14	56220.9	29.09	55844.23	55874.91406	55351.06243	55442.39063	505021.1	5409985.7
L5020.0	505021.1	5409987.2	21230.09961	374.95	0	48.842837	-86.931567	55815.90	56220.9	29.09	55844.99	55875.67188	55354.07348	55445.26953	505021.1	5409987.2
L5020.0	505021.1	5409987.2	21230.19922	373.92	0	48.842837	-86.931567	55816.36	56220.9	29.10	55845.45	55876.13281	55348.40250	55439.44531	505021.1	5409987.2
L5020.0	505021.1	5409988.7	21230.30078	373.92	0	48.842851	-86.931567	55817.36	56220.9	29.10	55846.46	55877.14063	55354.01314	55444.88281	505021.1	5409988.7
L5020.0	505021.1	5409990.3	21230.40039	372.41	0	48.842864	-86.931567	55818.12	56220.9	29.10	55847.22	55877.89844	55352.13370	55442.80859	505021.1	5409990.3
L5020.0	505021.1	5409990.3	21230.50000	373.51	0	48.842864	-86.931567	55818.93	56220.9	29.11	55848.04	55878.71094	55350.05324	55440.50781	505021.1	5409990.3
L5020.0	505021.1	5409992.0	21230.59961	377.55	0	48.842880	-86.931567	55820.65	56220.9	29.11	55849.76	55880.42578	55367.50497	55457.71875	505021.1	5409992.0
L5020.0	505021.1	5409993.7	21230.69922	375.55	0	48.842895	-86.931567	55821.74	56220.9	29.11	55850.85	55881.50781	55368.58338	55458.53516	505021.1	5409993.7
L5020.0	505021.1	5409993.7	21230.80078	373.72	0	48.842895	-86.931567	55823.33	56220.9	29.11	55852.45	55883.09766	55380.06757	55469.73438	505021.1	5409993.7
L5020.0	505021.1	5409995.0	21230.90039	374.74	0	48.842907	-86.931567	55824.85	56220.9	29.12	55853.97	55884.60547	55388.12305	55477.48438	505021.1	5409995.0
L5020.0	505021.1	5409996.6	21231.00000	374.48	0	48.842921	-86.931567	55826.52	56220.9	29.12	55855.64	55886.26172	55398.16775	55487.20313	505021.1	5409996.6
L5020.0	505021.1	5409997.8	21231.09961	374.72	0	48.842932	-86.931567	55828.39	56220.9	29.12	55857.51	55888.11328	55411.39507	55500.07813	505021.1	5409997.8
L5020.0	505021.1	5409999.3	21231.19922	374.46	0	48.842946	-86.931566	55829.83	56220.9	29.12	55858.95	55889.53906	55413.03550	55501.34766	505021.1	5409999.3
L5020.0	505021.2	5410001.0	21231.30078	374.32	0	48.842961	-86.931566	55831.91	56220.9	29.12	55861.03	55891.59766	55428.23145	55516.14844	505021.2	5410001.0
L5020.0	505021.2	5410001.0	21231.40039	376.44	0	48.842961	-86.931566	55833.88	56220.9	29.12	55863.00	55893.54688	55439.39875	55526.90234	505021.2	5410001.0
L5020.0	505021.2	5410002.6	21231.50000	375.96	0	48.842976	-86.931566	55835.93	56220.9	29.12	55865.05	55895.57422	55451.02269	55538.08984	505021.2	5410002.6
L5020.0	505021.2	5410002.6	21231.59961	375.23	0	48.842976	-86.931566	55838.13	56220.9	29.12	55867.25	55897.75000	55464.77256	55551.38281	505021.2	5410002.6
L5020.0	505021.2	5410004.4	21231.69922	375.79	0	48.842991	-86.931565	55839.80	56220.9	29.12	55868.92	55899.39453	55464.71118	55550.84375	505021.2	5410004.4
L5020.0	505021.2	5410005.9	21231.69922	375.79	0	48.843005	-86.931565	55842.13	56220.9	29.12	55871.25	55901.69922	55478.80421	55564.43750	505021.2	5410005.9
L5020.0	505021.2	5410007.5	21231.90039	373.36	0	48.843020	-86.931565	55843.82	56220.9	29.12	55872.94	55903.35938	55476.56109	55561.67578	505021.2	5410007.5
L5020.0	505021.2	5410007.5	21232.00000	371.93	0	48.843020	-86.931565	55846.70	56220.9	29.12	55875.82	55906.20703	55500.97482	55585.55078	505021.2	5410007.5
L5020.0	505021.2	5410009.3	21232.09961	371.42	0	48.843035	-86.931565	55849.00	56220.9	29.12	55878.12	55908.47656	55510.52281	55594.53906	505021.2	5410009.3
L5020.0	505021.2	5410010.4	21232.19922	371.63	0	48.843046	-86.931565	55851.54	56220.9	29.12	55880.66	55910.98047	55524.48848	55607.92578	505021.2	5410010.4
L5020.0	505021.3	5410012.1	21232.30078	369.57	0	48.843061	-86.931564	55854.27	56220.9	29.12	55883.39	55913.67188	55541.73136	55624.57031	505021.3	5410012.1
L5020.0	505021.3	5410012.1	21232.40039	367.13	0	48.843061	-86.931564	55856.80	56220.9	29.12	55885.92	55916.16406	55553.12972	55635.35547	505021.3	5410012.1
L5020.0	505021.3	5410013.9	21232.50000	368.40	0	48.843077	-86.931564	55859.71	56220.9	29.12	55888.83	55919.03516	55572.33528	55653.92578	505021.3	5410013.9
L5020.0	505021.3	5410015.3	21232.59961	370.52	0	48.843090	-86.931564	55862.04	56220.9	29.12	55891.16	55921.32422	55576.84618	55657.78125	505021.3	5410015.3
L5020.0	505021.3	5410015.3	21232.69922	370.90	0	48.843090	-86.931564	55865.40	56220.9	29.12	55894.52	55924.64063	55604.49687	55684.75781	505021.3	5410015.3
L5020.0	505021.3	5410016.7	21232.80078	371.04	0	48.843103	-86.931564	55867.98	56220.9	29.12	55897.10	55927.17188	55612.83170	55692.40234	505021.3	5410016.7
L5020.0	505021.3	5410018.8	21232.90039	370.92	0	48.843121	-86.931564	55870.76	56220.9	29.12	55899.88	55929.90625	55624.89606	55703.76172	505021.3	5410018.8
L5020.0	505021.3	5410020.4	21233.00000	371.16	0	48.843135	-86.931564	55873.54	56220.9	29.12	55902.66	55932.63672	55636.03335	55714.17578	505021.3	5410020.4
L5020.0	505021.3	5410022.1	21233.09961	372.38	0	48.843150	-86.931564	55876.48	56220.9	29.12	55905.60	55935.52734	55650.03915	55727.44141	505021.3	5410022.1
L5020.0	505021.3	5410022.1	21233.19922	371.83	0	48.843150	-86.931564	55879.52	56220.9	29.13	55908.64	55938.51172	55665.54472	55742.19141	505021.3	5410022.1
L5020.0	505021.3	5410023.7	21233.30078	373.51	0	48.843166	-86.931563	55882.70	56220.9	29.13	55911.83	55941.64844	55683.76421	55759.63672	505021.3	5410023.7
L5020.0	505021.3	5410023.7	21233.40039	373.94	0	48.843166	-86.931563	55885.71	56220.9	29.13	55914.84	55944.60156	55696.99102	55772.07813	505021.3	5410023.7
L5020.0	505021.3	5410026.2	21233.50000	373.95	0	48.843188	-86.931563	55888.95	56220.9	29.14	55918.08	55947.78516	55714.89177	55789.17578	505021.3	5410026.2
L5020.0	505021.3	5410026.2	21233.59961	372.76	0	48.843188	-86.931563	55891.81	56220.9	29.14	55920.94	55950.58203	55723.18705	55796.65625	505021.3	5410026.2
L5020.0	505021.3	5410026.2	21233.69922	371.41	0	48.843188	-86.931563	55894.82	56220.9	29.14	55923.96	55953.53906	55734.59607	55807.23438	505021.3	5410026.2
L5020.0	505021.3	5410028.1	21233.69922	371.41	0	48.843204	-86.931563	55898.13	56220.9	29.14	55927.27	55956.78516	55752.21277	55824.00781	505021.3	5410028.1
L5020.0	505021.4	5410029.5	21233.90039	373.02	0	48.843217	-86.931563	55901.67	56220.9	29.15	55930.82	55960.27344	55774.90543	55845.84766	505021.4	5410029.5
L5020.0	505021.4	5410031.3	21234.00000	378.06	0	48.843234	-86.931562	55904.63	56220.8	29.15	55933.78	55963.16406	55783.23050	55853.30469	505021.4	5410031.3
L5020.0	505021.4	5410031.3	21234.09961	376.00	0	48.843234	-86.931562	55907.84	56220.8	29.15	55936.99	55966.30469	55796.95083	55866.14453	505021.4	5410031.3
L5020.0	505021.4	5410032.5	21234.19922	373.71	0	48.843244	-86.931562	55911.28	56220.8	29.15	55940.43	55969.67188	55815.63921	55883.94141	505021.4	5410032.5
L5020.0	505021.4	5410034.1	21234.30078	372.20	0	48.843259	-86.931562	55914.42	56220.8	29.15	55943.57	55972.74219	55826.89519	55894.29688	505021.4	5410034.1
L5020.0	505021.4	5410035.4	21234.40039	374.11	0	48.843271	-86.931562	55917.50	56220.8	29.15	55946.66	55975.75781	55836.63018	55903.12109	505021.4	5410035.4
L5020.0	505021.4	5410036.9	21234.50000	375.05	0	48.843284	-86.931562	55920.92	56220.8	29.15	55950.07	55979.08984	55853.57267	55919.14453	505021.4	5410036.9
L5020.0	505021.4	5410036.9	21234.59961	375.15	0	48.843284	-86.931562	55924.38	56220.8	29.16	55953.54	55982.48047	55871.66057	55936.30078	505021.4	5410036.9
L5020.0	505021.5	5410038.7	21234.69922	374.34	0	48.843300	-86.931561	55927.24	56220.8	29.16	55956.40	55985.26172	55875.20603	55938.90625	505021.5	5410038.7
L5020.0	505021.5	5410039.8	21234.80078	373.51	0	48.843310	-86.931561	55930.73	56220.8	29.16	55959.89	55988.67188	55893.36170	55956.11719	505021.5	5410039.8
L5020.0	505021.5	5410039.8	21234.90039	374.74	0	48.843310	-86.931561	55933.92	56220.8	29.16	55963.08	55991.77734	55904.33515	55966.13672	505021.5	5410039.8
L5020.0	505021.5	5410040.9	21235.00000	374.95	0	48.843320	-86.931561	55937.16	56220.8	29.16	55966.32	55994.93359	55916.38393	55977.22656	505021.5	5410040.9
L5020.0	505021.5	5410042.2	21235.09961	376.70	0	48.843331	-86.931560	55940.57	56220.8	29.16	55969.74	55998.26563	55932.60026	55992.47656	505021.5	5410042.2
L5020.0	505021.5	5410043.2	21235.19922	376.22	0	48.843341	-86.931560	55943.96	56220.8	29.16	55973.12	56001.55859	55947.85902	56006.76172	505021.5	5410043.2
L5020.0	505021.5	5410043.2	21235.30078	379.00	0	48.843341	-86.931560	55946.95	56220.8	29.16	55976.11	56004.45703	55953.98256	56011.91016	505021.5	5410043.2
L5020.0	505021.6	5410044.9	21235.40039	377.27	0	48.843356	-86.931560	55950.34	56220.8	29.16	55979.50	56007.75781	55969.55629	56026.50391	505021.6	5410044.9
L5020.0	505021.6	5410046.6	21235.50000	375.46	0	48.843371	-86.931559	55953.42	56220.8	29.17	55982.59	56010.75391	55978.18456	56034.14844	505021.6	5410046.6
L5020.0	505021.6	5410047.7	21235.59961	376.04	0	48.843381	-86.931559	55956.26	56220.8	29.17	55985.42	56013.48828	55980.84389	56035.81641	505021.6	5410047.7
L5020.0	505021.6	5410047.7	21235.69922	374.32	0	48.843381	-86.931559	55959.70	56220.8	29.17	55988.87	56016.83984	55998.23074	56052.21484	505021.6	5410047.7
L5020.0	505021.6	5410048.9	21235.69922	374.32	0	48.843392	-86.931559	55962.63	56220.8	29.17	55991.80	56019.67188	56003.61759	56056.60938	505021.6	5410048.9
L5020.0	505021.6	5410050.2	21235.90039	372.11	0	48.843403	-86.931559	55966.07	56220.8	29.17	55995.24	56023.01563	56021.22096	56073.21875	505021.6	5410050.2
L5020.0	505021.6	5410051.8	21236.00000	375.03	0	48.843418	-86.931559	55969.34	56220.8	29.17	55998.51	56026.18359	56035.11115	56086.11328	505021.6	5410051.8
L5020.0	505021.6	5410051.8	21236.09961	372.75	0	48.843418	-86.931559	55972.29	56220.8	29.17	56001.47	56029.03906	56042.03517	56092.03906	505021.6	5410051.8
L5020.0	505021.7	5410053.2	21236.19922	371.58	0	48.843431	-86.931558	55975.33	56220.8	29.18	56004.50	56031.96484	56050.94714	56099.95703	505021.7	5410053.2
L5020.0	505021.7	5410054.7	21236.30078	367.83	0	48.843444	-86.931558	55978.19	56220.8	29.18	56007.37	56034.73047	56056.47942	56104.49609	505021.7	5410054.7
L5020.0	505021.7	5410054.7	21236.40039	369.53	0	48.843444	-86.931558	55980.69	56220.8	29.18	56009.87	56037.12500	56053.73301	56100.75391	505021.7	5410054.7
L5020.0	505021.7	5410056.1	21236.50000	367.19	0	48.843457	-86.931558	55983.88	56220.8	29.18	56013.06	56040.20703	56067.62357	56113.65234	505021.7	5410056.1
L5020.0	505021.7	5410057.5	21236.59961	367.69	0	48.843469	-86.931558	55986.51	56220.8	29.19	56015.70	56042.73828	56069.06906	56114.10938	505021.7	5410057.5
L5020.0	505021.7	5410057.5	21236.69922	367.33	0	48.843469	-86.931558	55989.04	56220.8	29.19	56018.23	56045.15625	56068.42757	56112.48438	505021.7	5410057.5

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5020.0	505021.7	5410058.8	21236.80078	366.62	0	48.843481	-86.931558	55991.82	56220.8	29.19	56021.01	56047.82422	56074.17801	56117.25000	505021.7	5410058.8
L5020.0	505021.7	5410058.8	21236.90039	368.06	0	48.843481	-86.931558	55994.58	56220.8	29.20	56023.78	56050.48047	56080.24267	56122.33594	505021.7	5410058.8
L5020.0	505021.6	5410060.9	21237.00000	367.72	0	48.843500	-86.931559	55997.11	56220.8	29.20	56026.31	56052.89453	56081.24706	56122.36719	505021.6	5410060.9
L5020.0	505021.6	5410060.9	21237.09961	369.90	0	48.843500	-86.931559	55999.76	56220.8	29.20	56028.96	56055.42969	56085.66699	56125.81641	505021.6	5410060.9
L5020.0	505021.6	5410062.0	21237.19922	371.95	0	48.843510	-86.931559	56002.24	56220.8	29.20	56031.44	56057.79297	56086.71726	56125.90234	505021.6	5410062.0
L5020.0	505021.6	5410062.0	21237.30078	374.04	0	48.843510	-86.931559	56004.92	56220.8	29.21	56034.13	56060.36328	56093.34104	56131.57031	505021.6	5410062.0
L5020.0	505021.6	5410063.4	21237.40039	373.47	0	48.843522	-86.931558	56007.36	56220.8	29.21	56036.56	56062.67578	56094.52511	56131.80469	505021.6	5410063.4
L5020.0	505021.6	5410064.6	21237.50000	371.31	0	48.843533	-86.931558	56010.18	56220.8	29.21	56039.39	56065.38281	56105.78396	56142.11719	505021.6	5410064.6
L5020.0	505021.6	5410064.6	21237.59961	373.06	0	48.843533	-86.931558	56012.52	56220.8	29.21	56041.73	56067.60156	56106.24186	56141.63672	505021.6	5410064.6
L5020.0	505021.7	5410066.0	21237.69922	375.29	0	48.843546	-86.931558	56014.66	56220.8	29.21	56043.87	56069.61719	56102.72464	56137.19141	505021.7	5410066.0
L5020.0	505021.7	5410066.0	21237.69922	375.29	0	48.843546	-86.931558	56016.96	56220.8	29.21	56046.18	56071.80469	56103.93512	56137.48047	505021.7	5410066.0
L5020.0	505021.7	5410067.2	21237.90039	373.35	0	48.843556	-86.931558	56019.46	56220.8	29.22	56048.68	56074.17969	56110.35812	56142.99219	505021.7	5410067.2
L5020.0	505021.7	5410068.3	21238.00000	373.58	0	48.843566	-86.931558	56021.70	56220.8	29.22	56050.92	56076.29297	56111.44321	56143.17578	505021.7	5410068.3
L5020.0	505021.7	5410069.4	21238.09961	374.25	0	48.843576	-86.931558	56023.89	56220.8	29.22	56053.11	56078.35938	56112.13351	56142.96875	505021.7	5410069.4
L5020.0	505021.7	5410069.4	21238.19922	372.59	0	48.843576	-86.931558	56026.04	56220.8	29.22	56055.26	56080.37891	56112.67568	56142.62891	505021.7	5410069.4
L5020.0	505021.7	5410070.3	21238.30078	372.49	0	48.843584	-86.931557	56028.34	56220.8	29.22	56057.56	56082.55078	56117.54104	56146.62109	505021.7	5410070.3
L5020.0	505021.7	5410071.3	21238.40039	372.23	0	48.843593	-86.931557	56030.52	56220.8	29.22	56059.74	56084.60156	56120.40048	56148.61719	505021.7	5410071.3
L5020.0	505021.7	5410071.3	21238.50000	374.43	0	48.843593	-86.931557	56032.75	56220.8	29.22	56061.97	56086.70313	56125.25355	56152.61719	505021.7	5410071.3
L5020.0	505021.8	5410072.3	21238.59961	375.44	0	48.843603	-86.931557	56034.72	56220.8	29.22	56063.94	56088.54297	56124.82980	56151.35156	505021.8	5410072.3
L5020.0	505021.8	5410073.2	21238.69922	376.20	0	48.843611	-86.931557	56036.37	56220.8	29.22	56065.59	56090.05859	56117.72691	56143.41797	505021.8	5410073.2
L5020.0	505021.8	5410073.2	21238.80078	376.05	0	48.843611	-86.931557	56038.11	56220.8	29.22	56067.33	56091.66797	56113.57558	56138.44922	505021.8	5410073.2
L5020.0	505021.8	5410074.9	21238.90039	374.70	0	48.843626	-86.931556	56040.06	56220.8	29.22	56069.28	56093.48438	56115.19712	56139.26563	505021.8	5410074.9
L5020.0	505021.8	5410074.9	21239.00000	374.91	0	48.843626	-86.931556	56042.36	56220.8	29.22	56071.58	56095.65234	56125.88133	56149.15625	505021.8	5410074.9
L5020.0	505021.8	5410075.9	21239.09961	377.02	0	48.843635	-86.931556	56044.41	56220.8	29.22	56073.63	56097.56641	56131.54408	56154.03516	505021.8	5410075.9
L5020.0	505021.8	5410075.9	21239.19922	376.04	0	48.843635	-86.931556	56046.43	56220.8	29.22	56075.65	56099.45313	56137.35124	56159.07422	505021.8	5410075.9
L5020.0	505021.8	5410077.5	21239.30078	373.86	0	48.843649	-86.931556	56047.90	56220.8	29.22	56077.12	56100.78516	56131.09476	56152.06250	505021.8	5410077.5
L5020.0	505021.8	5410077.5	21239.40039	377.59	0	48.843649	-86.931556	56049.65	56220.8	29.22	56078.87	56102.40234	56132.25933	56152.48438	505021.8	5410077.5
L5020.0	505021.8	5410078.6	21239.50000	378.95	0	48.843659	-86.931556	56051.36	56220.8	29.22	56080.58	56103.97266	56133.33031	56152.82422	505021.8	5410078.6
L5020.0	505021.8	5410078.6	21239.59961	371.89	0	48.843659	-86.931556	56053.21	56220.8	29.22	56082.43	56105.68750	56138.53048	56157.30859	505021.8	5410078.6
L5020.0	505021.9	5410079.4	21239.69922	367.95	0	48.843666	-86.931556	56054.63	56220.8	29.22	56083.85	56106.96875	56134.47409	56152.55078	505021.9	5410079.4
L5020.0	505021.9	5410080.3	21239.69922	367.95	0	48.843674	-86.931555	56056.29	56220.8	29.22	56085.51	56108.49219	56136.88570	56154.27734	505021.9	5410080.3
L5020.0	505021.9	5410080.3	21239.90039	368.13	0	48.843674	-86.931555	56057.99	56220.8	29.22	56087.21	56110.05469	56141.06416	56157.78125	505021.9	5410080.3
L5020.0	505021.9	5410081.1	21240.00000	367.63	0	48.843682	-86.931555	56059.74	56220.8	29.22	56088.96	56111.66406	56147.23757	56163.29297	505021.9	5410081.1
L5020.0	505021.9	5410082.0	21240.09961	370.85	0	48.843690	-86.931555	56060.98	56220.8	29.22	56090.20	56112.76563	56142.25135	56157.66016	505021.9	5410082.0
L5020.0	505021.9	5410082.0	21240.19922	372.13	0	48.843690	-86.931555	56062.52	56220.8	29.22	56091.74	56114.16797	56145.11342	56159.89063	505021.9	5410082.0
L5020.0	505021.8	5410082.8	21240.30078	367.56	0	48.843697	-86.931556	56064.21	56220.8	29.22	56093.43	56115.71875	56152.29308	56166.45313	505021.8	5410082.8
L5020.0	505021.8	5410083.6	21240.40039	369.41	0	48.843704	-86.931556	56065.28	56220.8	29.22	56094.50	56116.64844	56145.70326	56159.25781	505021.8	5410083.6
L5020.0	505021.8	5410084.2	21240.50000	369.43	0	48.843709	-86.931556	56066.89	56220.8	29.23	56096.12	56118.12891	56152.80117	56165.76563	505021.8	5410084.2
L5020.0	505021.8	5410084.2	21240.59961	369.26	0	48.843709	-86.931556	56068.23	56220.8	29.23	56097.46	56119.32813	56154.08967	56166.48047	505021.8	5410084.2
L5020.0	505021.8	5410084.9	21240.69922	367.65	0	48.843715	-86.931556	56069.50	56220.8	29.23	56098.73	56120.45703	56154.48679	56166.31641	505021.8	5410084.9
L5020.0	505021.8	5410084.9	21240.80078	368.64	0	48.843715	-86.931556	56070.82	56220.8	29.23	56100.04	56121.62891	56156.56226	56167.84375	505021.8	5410084.9
L5020.0	505021.8	5410085.6	21240.90039	372.01	0	48.843722	-86.931556	56072.06	56220.8	29.23	56101.29	56122.73828	56157.95502	56168.70703	505021.8	5410085.6
L5020.0	505021.8	5410086.3	21241.00000	372.60	0	48.843728	-86.931556	56073.39	56220.8	29.23	56102.63	56123.93750	56162.17260	56172.40625	505021.8	5410086.3
L5020.0	505021.8	5410086.8	21241.09961	375.75	0	48.843733	-86.931556	56074.56	56220.8	29.23	56103.79	56124.95313	56162.86171	56172.58984	505021.8	5410086.8
L5020.0	505021.8	5410086.8	21241.19922	377.76	0	48.843733	-86.931556	56075.93	56220.8	29.24	56105.16	56126.18359	56169.16323	56178.40234	505021.8	5410086.8
L5020.0	505021.8	5410087.5	21241.30078	375.76	0	48.843739	-86.931556	56077.04	56220.8	29.24	56106.28	56127.16406	56170.26218	56179.02734	505021.8	5410087.5
L5020.0	505021.8	5410088.0	21241.40039	373.76	0	48.843744	-86.931556	56077.99	56220.8	29.24	56107.23	56127.97266	56168.02062	56176.32422	505021.8	5410088.0
L5020.0	505021.8	5410088.0	21241.50000	372.62	0	48.843744	-86.931556	56079.17	56220.8	29.25	56108.41	56129.01172	56171.81273	56179.66797	505021.8	5410088.0
L5020.0	505021.8	5410088.6	21241.59961	373.46	0	48.843749	-86.931556	56080.13	56220.8	29.25	56109.37	56129.82813	56171.05695	56178.47656	505021.8	5410088.6
L5020.0	505021.8	5410089.3	21241.69922	375.30	0	48.843755	-86.931556	56081.23	56220.7	29.25	56110.49	56130.80859	56174.65712	56181.65625	505021.8	5410089.3
L5020.0	505021.8	5410089.9	21241.69922	375.30	0	48.843761	-86.931556	56082.22	56220.7	29.25	56111.47	56131.64453	56175.55243	56182.14453	505021.8	5410089.9
L5020.0	505021.8	5410089.9	21241.90039	372.43	0	48.843761	-86.931556	56083.36	56220.7	29.26	56112.62	56132.65625	56181.00265	56187.20313	505021.8	5410089.9
L5020.0	505021.8	5410090.4	21242.00000	373.34	0	48.843765	-86.931556	56084.20	56220.7	29.26	56113.46	56133.35547	56179.72051	56185.53906	505021.8	5410090.4
L5020.0	505021.8	5410090.8	21242.09961	374.17	0	48.843768	-86.931556	56085.03	56220.7	29.26	56114.29	56134.04297	56178.73041	56184.18359	505021.8	5410090.8
L5020.0	505021.8	5410091.2	21242.19922	372.87	0	48.843773	-86.931556	56085.94	56220.7	29.26	56115.20	56134.81250	56180.12637	56185.22656	505021.8	5410091.2
L5020.0	505021.8	5410091.2	21242.30078	371.45	0	48.843773	-86.931556	56086.47	56220.7	29.26	56115.73	56135.19922	56173.08994	56177.84766	505021.8	5410091.2
L5020.0	505021.8	5410091.7	21242.40039	370.14	0	48.843777	-86.931557	56087.43	56220.7	29.26	56116.69	56136.01953	56176.61806	56181.04688	505021.8	5410091.7
L5020.0	505021.7	5410092.1	21242.50000	368.55	0	48.843780	-86.931557	56088.37	56220.7	29.26	56117.63	56136.82031	56180.12669	56184.23828	505021.7	5410092.1
L5020.0	505021.7	5410092.6	21242.59961	371.03	0	48.843785	-86.931557	56089.41	56220.7	29.26	56118.67	56137.71875	56186.41346	56190.21875	505021.7	5410092.6
L5020.0	505021.7	5410092.6	21242.69922	372.79	0	48.843785	-86.931557	56090.01	56220.7	29.26	56119.27	56138.17578	56182.78120	56186.29688	505021.7	5410092.6
L5020.0	505021.7	5410092.8	21242.80078	372.67	0	48.843787	-86.931557	56090.27	56220.7	29.26	56119.53	56138.29688	56171.55782	56174.79297	505021.7	5410092.8
L5020.0	505021.7	5410093.3	21242.90039	375.71	0	48.843791	-86.931557	56090.77	56220.7	29.26	56120.03	56138.65625	56166.34008	56169.30469	505021.7	5410093.3
L5020.0	505021.7	5410093.3	21243.00000	375.64	0	48.843791	-86.931557	56091.56	56220.7	29.26	56120.82	56139.30469	56168.28200	56170.98828	505021.7	5410093.3
L5020.0	505021.7	5410093.5	21243.09961	373.51	0	48.843793	-86.931557	56092.02	56220.7	29.26	56121.28	56139.62500	56162.80810	56165.26563	505021.7	5410093.5
L5020.0	505021.7	5410093.9	21243.19922	370.82	0	48.843796	-86.931557	56092.64	56220.7	29.26	56121.90	56140.10547	56161.40224	56163.62500	505021.7	5410093.9
L5020.0	505021.7	5410094.2	21243.30078	370.01	0	48.843799	-86.931557	56093.16	56220.7	29.26	56122.41	56140.47656	56157.70595	56159.70313	505021.7	5410094.2
L5020.0	505021.7	5410094.2	21243.40039	371.26	0	48.843799	-86.931557	56093.84	56220.7	29.26	56123.09	56141.01563	56158.27307	56160.05078	505021.7	5410094.2
L5020.0	505021.7	5410094.4	21243.50000	373.45	0	48.843802	-86.931557	56094.24	56220.7	29.25	56123.49	56141.27734	56152.51949	56154.09375	505021.7	5410094.4
L5020.0	505021.7	5410094.7	21243.59961	374.45	0	48.843804	-86.931557	56094.36	56220.7	29.25	56123.62	56141.26953	56140.66055	56142.03516	505021.7	5410094.7
L5020.0	505021.7	5410094.7	21243.69922	373.15	0	48.843804	-86.931557	56094.59	56220.7	29.25	56123.85	56141.35938	56131.36342	56132.55078	505021.7	5410094.7
L5020.0	505021.7	5410094.9	21243.69922	373.15	0	48.843806	-86.931557	56094.90	56220.7	29.25	56124.15	56141.51953	56123.90469	56124.91406	505021.7	5410094.9
L5020.0	505021.8	5410095.1	21243.90039	375.88	0	48.843807	-86.931557	56095.57	56220.7	29.25	56124.82	56142.05078	56125.30852	56126.14844	505021.8	5410095.1
L5020.0	505021.8	5410095.1	21244.00000	371.60	0	48.843807	-86.931557	56095.71	56220.8	29.25	56124.96	56142.05078	56114.42708	56115.10547	505021.8	5410095.1
L5020.0	505021.8	5410095.3	21244.09961	371.14	0	48.843809	-86.931556	56096.44	56220.7	29.25	56125.69	56142.64453	56117.53598	56118.06250	505021.8	5410095.3
L5020.0	505021.8	5410095.3	21244.19922	367.56	0	48.843809	-86.931556	56096.77	56220.7	29.26	56126.02	56142.83594	56111.37497	56111.75391	505021.8	5410095.3
L5020.0	505021.8	5410095.4	21244.30078	368.07	0	48.843810	-86.931556	56096.79	56220.7	29.26	56126.05	56142.72656	56098.27382	56098.51563	505021.8	5410095.4
L5020.0	505021.8	5410095.5	21244.40039	371.57	0	48.843811	-86.931555	56097.32	56220.7	29.26	56126.59	56143.12891	56097.23116	56097.34375	505021.8	5410095.5
L5020.0	505021.9	5410095.6	21244.50000	372.68	0	48.843812	-86.931555	56097.50	56220.7	29.26	56126.77	56143.16797	56087.80485	56087.79297	505021.9	5410095.6
L5020.0	505021.9	5410095.6	21244.59961	373.37	0	48.843812	-86.931555	56098.11	56220.7	29.27	56127.38	56143.64063	56088.52463	56088.39844	505021.9	5410095.6
L5020.0	505021.9	5410095.7	21244.69922	375.19	0	48.843813	-86.931555	56098.46	56220.7	29.27	56127.73	56143.85547	56083.17484	56082.93750	505021.9	5410095.7
L5020.0	505021.9	5410095.8	21244.80078	375.42	0	48.843814	-86.931555	56099.02	56220.7	29.27	56128.30	56144.28516	56083.00812	56082.66797	505021.9	5410095.8
L5020.0	505021.9	5410096.0	21244.90039	373.91	0	48.843816	-86.931555	56099.27	56220.7	29.28	56128.55	56144.39844	56075.33110	56074.89063	505021.9	5410096.0
L5020.0	505021.9	5410096.0	21245.00000	373.96	0	48.843816	-86.931555	56099.04	56220.7	29.28	56128.32	56144.03125	56056.37200	56055.83984	505021.9	5410096.0
L5020.0	505021.9	5410096.3	21245.09961	375.80	0	48.843818	-86.931554	56099.48	56220.7	29.28	56128.76	56144.33594	56053.11410	56052.49219	505021.9	5410096.3
L5020.0	505021.9	5410096.3	21245.19922	374.43	0	48.843818	-86.931554	56099.92	56220.7	29.28	56129.21	56144.64844	56050.04803	56049.34375	505021.9	5410096.3
L5020.0	505021.9	5410096.4	21245.30078	372.52	0	48.843819	-86.931554	56100.28	56220.7	29.29	56129.57	56144.87109	56044.81187	56044.03125	505021.9	5410096.4
L5020.0	505021.9	5410096.6	21245.40039	370.35	0	48.843821	-86.931554	56100.77	56220.7	29.29	56130.05	56145.21484	56042.32199	56041.46484	505021.9	5410096.6
L5020.0	505021.9	5410096.8	21245.50000	372.64	0	48.843823	-86.931554	56101.53	56220.7	29.29	56130.82	56145.84766	56046.55612	56045.63281	505021.9	5410096.8
L5020.0	505022.0	5410097.1	21245.59961	373.35	0	48.843825	-86.931554	56102.03	56220.7	29.29	56131.32	56146.21094	56044.35435	56043.36328	505022.0	5410097.1
L5020.0	505022.0	5410097.1	21245.69922	372.07	0	48.843825	-86.931554	56102.41	56220.7	29.29	56131.70	56146.45313	56039.22584	56038.17188	505022.0	5410097.1
L5020.0	505022.0	5410097.4	21245.69922	372.07	0	48.843828	-86.931553	56102.96	56220.7	29.29	56132.26	56146.87500	56038.20173	56037.08984	505022.0	5410097.4
L5020.0	505022.0	5410097.7	21245.90039	372.83	0	48.843831	-86.931553	56103.60	56220.7	29.30	56132.90	56147.37891	56038.92292	56037.75391	505022.0	5410097.7
L5020.0	505022.0	5410097.9	21246.00000	371.09	0	48.843833	-86.931553	56103.92	56220.7	29.30	56133.22	56147.56250	56031.98777	56030.76563	505022.0	5410097.9

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5020.0	505022.0	5410097.9	21246.09961	371.32	0	48.843833	-86.931553	56104.46	56220.7	29.30	56133.76	56147.96875	56030.06337	56028.78906	505022.0	5410097.9
L5020.0	505022.1	5410098.3	21246.19922	369.87	0	48.843836	-86.931552	56104.66	56220.7	29.29	56133.95	56148.02344	56019.75803	56018.43750	505022.1	5410098.3
L5020.0	505022.1	5410098.3	21246.30078	369.78	0	48.843836	-86.931552	56105.44	56220.7	29.29	56134.73	56148.66406	56023.13061	56021.76172	505022.1	5410098.3
L5020.0	505022.1	5410099.0	21246.40039	370.29	0	48.843843	-86.931552	56106.08	56220.7	29.29	56135.37	56149.16797	56023.03417	56021.62109	505022.1	5410099.0
L5020.0	505022.1	5410099.0	21246.50000	371.63	0	48.843843	-86.931552	56106.66	56220.7	29.28	56135.95	56149.61328	56021.33854	56019.88281	505022.1	5410099.0
L5020.0	505022.1	5410099.3	21246.59961	370.11	0	48.843845	-86.931551	56107.49	56220.7	29.28	56136.77	56150.29688	56025.07899	56023.58203	505022.1	5410099.3
L5020.0	505022.2	5410099.7	21246.69922	371.09	0	48.843849	-86.931551	56107.93	56220.7	29.28	56137.21	56150.60156	56019.69264	56018.15234	505022.2	5410099.7
L5020.0	505022.2	5410100.2	21246.80078	374.26	0	48.843853	-86.931551	56109.11	56220.7	29.28	56138.38	56151.63672	56031.23206	56029.65234	505022.2	5410100.2
L5020.0	505022.2	5410100.2	21246.90039	375.25	0	48.843853	-86.931551	56109.49	56220.7	29.27	56138.76	56151.88281	56024.00629	56022.38672	505022.2	5410100.2
L5020.0	505022.2	5410100.5	21247.00000	371.60	0	48.843856	-86.931550	56110.03	56220.7	29.27	56139.30	56152.28516	56020.31270	56018.65625	505022.2	5410100.5
L5020.0	505022.2	5410100.9	21247.09961	368.93	0	48.843859	-86.931550	56110.68	56220.7	29.28	56139.96	56152.81250	56019.20713	56017.51172	505022.2	5410100.9
L5020.0	505022.2	5410100.9	21247.19922	373.06	0	48.843859	-86.931550	56111.54	56220.7	29.28	56140.82	56153.53516	56022.56320	56020.82813	505022.2	5410100.9
L5020.0	505022.3	5410101.3	21247.30078	374.61	0	48.843863	-86.931550	56112.33	56220.7	29.29	56141.62	56154.19922	56024.27291	56022.50000	505022.3	5410101.3
L5020.0	505022.3	5410101.3	21247.40039	375.62	0	48.843863	-86.931550	56112.83	56220.7	29.29	56142.12	56154.56641	56018.69837	56016.88672	505022.3	5410101.3
L5020.0	505022.3	5410101.9	21247.50000	371.00	0	48.843868	-86.931549	56113.84	56220.7	29.30	56143.14	56155.44922	56025.08767	56023.24219	505022.3	5410101.9
L5020.0	505022.3	5410102.4	21247.59961	369.82	0	48.843873	-86.931549	56114.32	56220.7	29.31	56143.63	56155.80469	56018.78773	56016.90234	505022.3	5410102.4
L5020.0	505022.3	5410102.4	21247.69922	371.98	0	48.843873	-86.931549	56115.82	56220.7	29.31	56145.13	56157.16797	56035.95105	56034.02734	505022.3	5410102.4
L5020.0	505022.4	5410102.8	21247.69922	371.98	0	48.843877	-86.931548	56116.57	56220.7	29.31	56145.89	56157.79297	56035.49183	56033.52734	505022.4	5410102.8
L5020.0	505022.4	5410103.4	21247.90039	376.71	0	48.843882	-86.931548	56117.89	56220.7	29.32	56147.22	56158.98828	56048.16394	56046.16016	505022.4	5410103.4
L5020.0	505022.4	5410103.4	21248.00000	376.44	0	48.843882	-86.931548	56118.32	56220.7	29.33	56147.65	56159.28516	56039.45615	56037.41016	505022.4	5410103.4
L5020.0	505022.4	5410104.0	21248.09961	375.16	0	48.843888	-86.931547	56119.51	56220.7	29.33	56148.84	56160.33984	56048.34026	56046.25391	505022.4	5410104.0
L5020.0	505022.5	5410104.4	21248.19922	377.68	0	48.843892	-86.931547	56120.32	56220.7	29.33	56149.65	56161.01563	56048.05343	56045.92578	505022.5	5410104.4
L5020.0	505022.5	5410105.0	21248.30078	374.35	0	48.843896	-86.931547	56121.28	56220.7	29.33	56150.61	56161.84375	56051.03963	56048.86719	505022.5	5410105.0
L5020.0	505022.5	5410105.0	21248.40039	375.39	0	48.843896	-86.931547	56122.29	56220.7	29.33	56151.61	56162.70703	56054.71817	56052.50000	505022.5	5410105.0
L5020.0	505022.5	5410105.6	21248.50000	374.50	0	48.843902	-86.931546	56122.88	56220.7	29.32	56152.20	56163.16406	56048.52672	56046.26172	505022.5	5410105.6
L5020.0	505022.5	5410106.1	21248.59961	376.32	0	48.843906	-86.931546	56124.42	56220.7	29.32	56153.74	56164.57031	56064.39651	56062.08594	505022.5	5410106.1
L5020.0	505022.5	5410106.6	21248.69922	375.25	0	48.843911	-86.931546	56124.87	56220.7	29.32	56154.19	56164.88672	56054.43797	56052.07813	505022.5	5410106.6
L5020.0	505022.5	5410106.6	21248.80078	373.72	0	48.843911	-86.931546	56125.98	56220.7	29.32	56155.30	56165.86328	56059.73926	56057.33203	505022.5	5410106.6
L5020.0	505022.6	5410107.2	21248.90039	376.36	0	48.843916	-86.931545	56127.32	56220.7	29.32	56156.64	56167.06641	56070.20944	56067.75000	505022.6	5410107.2
L5020.0	505022.6	5410107.8	21249.00000	377.28	0	48.843922	-86.931545	56127.89	56220.7	29.32	56157.21	56167.50391	56062.37624	56059.86719	505022.6	5410107.8
L5020.0	505022.6	5410108.4	21249.09961	379.20	0	48.843927	-86.931545	56129.19	56220.7	29.32	56158.51	56168.67188	56071.45992	56068.89844	505022.6	5410108.4
L5020.0	505022.6	5410108.4	21249.19922	379.47	0	48.843927	-86.931545	56129.91	56220.7	29.32	56159.23	56169.25781	56066.71124	56064.09375	505022.6	5410108.4
L5020.0	505022.6	5410109.1	21249.30078	377.49	0	48.843933	-86.931545	56131.24	56220.7	29.32	56160.56	56170.45313	56076.07348	56073.40234	505022.6	5410109.1
L5020.0	505022.6	5410109.7	21249.40039	378.40	0	48.843939	-86.931545	56132.56	56220.7	29.32	56161.88	56171.64063	56084.99723	56082.26953	505022.6	5410109.7
L5020.0	505022.7	5410110.4	21249.50000	379.76	0	48.843945	-86.931544	56133.88	56220.7	29.32	56163.20	56172.82813	56093.72389	56090.93750	505022.7	5410110.4
L5020.0	505022.7	5410110.4	21249.59961	377.81	0	48.843945	-86.931544	56134.76	56220.7	29.32	56164.08	56173.57813	56091.93064	56089.08984	505022.7	5410110.4
L5020.0	505022.7	5410111.1	21249.69922	375.29	0	48.843952	-86.931544	56136.10	56220.7	29.32	56165.42	56174.78516	56100.75400	56097.85156	505022.7	5410111.1
L5020.0	505022.7	5410111.8	21249.69922	375.29	0	48.843958	-86.931544	56136.98	56220.7	29.32	56166.30	56175.53125	56098.60299	56095.64063	505022.7	5410111.8
L5020.0	505022.7	5410111.8	21249.90039	377.51	0	48.843958	-86.931544	56137.90	56220.7	29.32	56167.22	56176.32031	56097.22408	56094.19922	505022.7	5410111.8
L5020.0	505022.7	5410112.6	21250.00000	378.54	0	48.843965	-86.931543	56139.46	56220.7	29.32	56168.78	56177.75000	56110.71172	56107.62500	505022.7	5410112.6
L5020.0	505022.7	5410113.3	21250.09961	375.42	0	48.843972	-86.931543	56140.40	56220.7	29.32	56169.72	56178.55859	56109.49378	56106.34375	505022.7	5410113.3
L5020.0	505022.7	5410114.1	21250.19922	376.31	0	48.843978	-86.931543	56141.56	56220.7	29.33	56170.89	56179.59766	56113.53452	56110.32031	505022.7	5410114.1
L5020.0	505022.7	5410114.1	21250.30078	376.42	0	48.843978	-86.931543	56143.21	56220.7	29.33	56172.54	56181.11719	56128.71240	56125.43359	505022.7	5410114.1
L5020.0	505022.8	5410114.8	21250.40039	376.53	0	48.843985	-86.931543	56144.02	56220.7	29.33	56173.36	56181.80469	56124.28224	56120.93750	505022.8	5410114.8
L5020.0	505022.8	5410115.7	21250.50000	373.31	0	48.843993	-86.931542	56145.38	56220.7	29.33	56174.72	56183.03516	56132.41706	56129.00781	505022.8	5410115.7
L5020.0	505022.8	5410116.5	21250.59961	371.23	0	48.844000	-86.931542	56146.68	56220.7	29.34	56176.02	56184.20703	56139.04072	56135.56641	505022.8	5410116.5
L5020.0	505022.8	5410116.5	21250.69922	372.99	0	48.844000	-86.931542	56147.81	56220.7	29.34	56177.15	56185.20703	56141.58093	56138.03906	505022.8	5410116.5
L5020.0	505022.8	5410117.4	21250.80078	375.79	0	48.844008	-86.931542	56149.26	56220.7	29.34	56178.60	56186.52734	56151.55171	56147.94141	505022.8	5410117.4
L5020.0	505022.8	5410118.0	21250.90039	374.96	0	48.844014	-86.931542	56150.46	56220.7	29.35	56179.81	56187.60938	56155.81659	56152.14063	505022.8	5410118.0
L5020.0	505022.8	5410118.9	21251.00000	372.44	0	48.844022	-86.931542	56151.40	56220.7	29.35	56180.75	56188.42188	56153.68195	56149.94141	505022.8	5410118.9
L5020.0	505022.8	5410118.9	21251.09961	369.74	0	48.844022	-86.931542	56152.86	56220.6	29.35	56182.21	56189.75391	56163.70534	56159.89844	505022.8	5410118.9
L5020.0	505022.8	5410119.7	21251.19922	368.67	0	48.844029	-86.931542	56154.14	56220.6	29.35	56183.49	56190.90625	56169.46394	56165.58984	505022.8	5410119.7
L5020.0	505022.8	5410120.4	21251.30078	369.29	0	48.844035	-86.931542	56155.07	56220.6	29.35	56184.43	56191.71875	56167.21253	56163.26953	505022.8	5410120.4
L5020.0	505022.8	5410121.3	21251.40039	371.42	0	48.844043	-86.931542	56156.36	56220.6	29.35	56185.71	56192.87500	56172.92653	56168.91797	505022.8	5410121.3
L5020.0	505022.8	5410121.3	21251.50000	369.14	0	48.844043	-86.931542	56157.40	56220.6	29.36	56186.75	56193.78906	56173.00058	56168.92969	505022.8	5410121.3
L5020.0	505022.8	5410122.2	21251.59961	368.43	0	48.844051	-86.931541	56158.51	56220.6	29.36	56187.86	56194.77344	56174.72379	56170.58594	505022.8	5410122.2
L5020.0	505022.8	5410122.9	21251.69922	369.60	0	48.844058	-86.931541	56159.86	56220.6	29.36	56189.21	56196.00000	56182.09855	56177.89844	505022.8	5410122.9
L5020.0	505022.8	5410122.9	21251.69922	369.60	0	48.844058	-86.931541	56161.02	56220.6	29.36	56190.38	56197.04297	56185.27590	56181.01172	505022.8	5410122.9
L5020.0	505022.8	5410124.1	21251.90039	374.85	0	48.844068	-86.931541	56162.76	56220.6	29.36	56192.12	56198.66016	56201.87480	56197.54688	505022.8	5410124.1
L5020.0	505022.9	5410124.8	21252.00000	374.85	0	48.844075	-86.931541	56163.60	56220.6	29.36	56192.96	56199.37891	56197.39561	56193.00781	505022.9	5410124.8
L5020.0	505022.9	5410125.7	21252.09961	372.98	0	48.844082	-86.931541	56164.66	56220.6	29.36	56194.02	56200.31641	56198.14364	56193.69922	505022.9	5410125.7
L5020.0	505022.9	5410125.7	21252.19922	374.61	0	48.844082	-86.931541	56165.72	56220.6	29.37	56195.09	56201.26172	56199.19997	56194.69531	505022.9	5410125.7
L5020.0	505022.8	5410126.5	21252.30078	376.12	0	48.844090	-86.931541	56166.94	56220.6	29.37	56196.31	56202.35938	56203.86249	56199.30078	505022.8	5410126.5
L5020.0	505022.8	5410126.5	21252.40039	375.41	0	48.844090	-86.931541	56168.22	56220.6	29.38	56197.60	56203.53125	56210.26409	56205.64453	505022.8	5410126.5
L5020.0	505022.8	5410127.8	21252.50000	374.86	0	48.844101	-86.931542	56169.06	56220.6	29.38	56198.44	56204.25000	56206.20775	56201.53516	505022.8	5410127.8
L5020.0	505022.8	5410128.7	21252.59961	375.10	0	48.844110	-86.931542	56170.27	56220.6	29.38	56199.65	56205.33984	56210.95526	56206.23047	505022.8	5410128.7
L5020.0	505022.8	5410129.7	21252.69922	376.33	0	48.844119	-86.931542	56171.26	56220.6	29.39	56200.65	56206.22266	56210.90072	56206.12500	505022.8	5410129.7
L5020.0	505022.8	5410129.7	21252.80078	373.21	0	48.844119	-86.931542	56172.66	56220.6	29.39	56202.05	56207.50391	56220.37550	56215.55078	505022.8	5410129.7
L5020.0	505022.8	5410130.3	21252.90039	372.18	0	48.844125	-86.931542	56173.66	56220.6	29.40	56203.06	56208.39844	56220.84320	56215.97266	505022.8	5410130.3
L5020.0	505022.8	5410131.2	21253.00000	371.55	0	48.844132	-86.931542	56174.68	56220.6	29.40	56204.08	56209.30078	56221.70468	56216.78906	505022.8	5410131.2
L5020.0	505022.8	5410132.0	21253.09961	371.83	0	48.844139	-86.931543	56175.91	56220.6	29.40	56205.31	56210.41406	56227.66521	56222.71094	505022.8	5410132.0
L5020.0	505022.8	5410132.0	21253.19922	374.85	0	48.844139	-86.931543	56176.96	56220.6	29.40	56206.36	56211.35156	56229.57851	56224.58203	505022.8	5410132.0
L5020.0	505022.7	5410133.4	21253.30078	372.76	0	48.844152	-86.931543	56177.86	56220.6	29.40	56207.26	56212.13672	56228.15832	56223.12500	505022.7	5410133.4
L5020.0	505022.7	5410134.1	21253.40039	373.74	0	48.844158	-86.931543	56178.78	56220.6	29.40	56208.18	56212.94141	56227.40488	56222.33594	505022.7	5410134.1
L5020.0	505022.7	5410135.0	21253.50000	373.44	0	48.844166	-86.931543	56179.61	56220.6	29.41	56209.01	56213.66016	56224.74466	56219.64453	505022.7	5410135.0
L5020.0	505022.7	5410135.0	21253.59961	374.01	0	48.844166	-86.931543	56180.63	56220.6	29.41	56210.03	56214.56641	56226.75979	56221.63281	505022.7	5410135.0
L5020.0	505022.7	5410136.1	21253.69922	374.36	0	48.844176	-86.931543	56181.58	56220.6	29.41	56210.99	56215.41797	56227.58938	56222.43359	505022.7	5410136.1
L5020.0	505022.7	5410137.1	21253.69922	374.36	0	48.844185	-86.931544	56182.90	56220.6	29.41	56212.31	56216.62891	56237.10173	56231.92188	505022.7	5410137.1
L5020.0	505022.7	5410137.1	21253.90039	373.03	0	48.844185	-86.931544	56184.02	56220.6	29.41	56213.43	56217.63672	56242.15750	56236.95703	505022.7	5410137.1
L5020.0	505022.6	5410138.0	21254.00000	374.23	0	48.844194	-86.931544	56184.89	56220.6	29.41	56214.30	56218.39844	56241.59020	56236.37500	505022.6	5410138.0
L5020.0	505022.6	5410139.0	21254.09961	374.03	0	48.844202	-86.931544	56185.88	56220.6	29.41	56215.30	56219.29297	56244.32805	56239.09766	505022.6	5410139.0
L5020.0	505022.6	5410139.0	21254.19922	373.55	0	48.844202	-86.931544	56186.97	56220.6	29.42	56216.39	56220.27344	56249.43861	56244.19531	505022.6	5410139.0
L5020.0	505022.6	5410139.8	21254.30078	373.82	0	48.844209	-86.931545	56187.63	56220.6	29.42	56217.04	56220.82031	56244.48546	56239.23438	505022.6	5410139.8
L5020.0	505022.6	5410141.0	21254.40039	372.24	0	48.844220	-86.931545	56188.34	56220.6	29.42	56217.76	56221.43359	56241.44768	56236.19141	505022.6	5410141.0
L5020.0	505022.6	5410141.0	21254.50000	371.92	0	48.844220	-86.931545	56189.43	56220.6	29.43	56218.85	56222.42188	56247.37386	56242.11719	505022.6	5410141.0
L5020.0	505022.6	5410141.5	21254.59961	373.54	0	48.844225	-86.931545	56190.33	56220.6	29.43	56219.76	56223.22656	56249.35688	56244.10547	505022.6	5410141.5
L5020.0	505022.5	5410142.3	21254.69922	373.52	0	48.844232	-86.931545	56191.27	56220.6	29.43	56220.70	56224.06641	56252.33159	56247.08203	505022.5	5410142.3
L5020.0	505022.5	5410143.2	21254.80078	372.58	0	48.844240	-86.931546	56191.90	56220.6	29.43	56221.34	56224.60547	56248.55496	56243.31641	505022.5	5410143.2
L5020.0	505022.5	5410143.2	21254.90039	373.01	0	48.844240	-86.931546	56192.92	56220.6	29.44	56222.36	56225.52344	56253.99518	56248.76953	505022.5	5410143.2
L5020.0	505022.5	5410144.0	21255.00000	371.62	0	48.844247	-86.931546	56193.72	56220.6	29.44	56223.16	56226.22656	56254.56962	56249.35938	505022.5	5410144.0
L5020.0	505022.4	5410145.0	21255.09961	371.53	0	48.844256	-86.931547	56194.54	56220.6	29.44	56223.98	56226.94531	56255.91582	56250.72656	505022.4	5410145.0
L5020.0	505022.4	5410145.0	21255.19922	371.58	0	48.844256	-86.931547	56194.99	56220.6	29.44	56224.43	56227.30078	56248.88046	56243.71094	505022.4	5410145.0
L5020.0	505022.4	5410146.1	21255.30078	368.76	0	48.844266	-86.931547	56195.56	56220.6	29.44	56225.01	56227.78125	56245.20418	56240.06250	505022.4	5410146.1

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5020.0	505022.4	5410146.7	21255.40039	372.27	0	48.844272	-86.931547	56196.06	56220.6	29.44	56225.50	56228.17969	56239.72388	56234.61328	505022.4	5410146.7
L5020.0	505022.4	5410146.7	21255.50000	370.96	0	48.844272	-86.931547	56197.42	56220.6	29.44	56226.86	56229.44531	56254.97870	56249.90234	505022.4	5410146.7
L5020.0	505022.4	5410147.6	21255.59961	370.14	0	48.844280	-86.931548	56198.22	56220.6	29.45	56227.66	56230.14844	56257.39769	56252.35938	505022.4	5410147.6
L5020.0	505022.3	5410148.4	21255.69922	374.31	0	48.844287	-86.931548	56199.22	56220.6	29.45	56228.67	56231.06641	56265.05853	56260.05859	505022.3	5410148.4
L5020.0	505022.3	5410148.4	21255.69922	374.31	0	48.844287	-86.931548	56199.84	56220.6	29.45	56229.29	56231.59766	56263.87520	56258.92188	505022.3	5410148.4
L5020.0	505022.3	5410149.2	21255.90039	371.69	0	48.844294	-86.931549	56200.74	56220.6	29.45	56230.19	56232.40625	56269.57683	56264.67188	505022.3	5410149.2
L5020.0	505022.3	5410149.9	21256.00000	369.85	0	48.844301	-86.931549	56201.14	56220.6	29.45	56230.59	56232.71484	56263.85073	56259.00000	505022.3	5410149.9
L5020.0	505022.3	5410149.9	21256.09961	370.05	0	48.844301	-86.931549	56201.99	56220.5	29.45	56231.44	56233.47656	56268.99870	56264.20313	505022.3	5410149.9
L5020.0	505022.2	5410150.7	21256.19922	368.83	0	48.844308	-86.931550	56202.65	56220.5	29.45	56232.11	56234.05859	56270.22872	56265.48828	505022.2	5410150.7
L5020.0	505022.2	5410151.3	21256.30078	371.34	0	48.844313	-86.931550	56203.14	56220.5	29.46	56232.59	56234.45313	56267.30402	56262.62500	505022.2	5410151.3
L5020.0	505022.1	5410151.8	21256.40039	369.16	0	48.844318	-86.931551	56203.77	56220.5	29.46	56233.22	56235.00000	56268.20430	56263.59375	505022.1	5410151.8
L5020.0	505022.1	5410152.6	21256.50000	369.63	0	48.844325	-86.931551	56204.05	56220.5	29.46	56233.51	56235.20313	56261.42310	56256.88281	505022.1	5410152.6
L5020.0	505022.1	5410152.6	21256.59961	370.76	0	48.844325	-86.931551	56204.75	56220.5	29.46	56234.21	56235.82031	56264.56482	56260.09375	505022.1	5410152.6
L5020.0	505022.0	5410153.2	21256.69922	371.29	0	48.844330	-86.931552	56205.36	56220.5	29.46	56234.82	56236.34766	56265.88747	56261.49219	505022.0	5410153.2
L5020.0	505022.0	5410153.2	21256.80078	373.00	0	48.844330	-86.931552	56205.89	56220.5	29.47	56235.36	56236.80469	56265.85661	56261.53906	505022.0	5410153.2
L5020.0	505022.0	5410154.0	21256.90039	374.28	0	48.844337	-86.931553	56206.81	56220.5	29.47	56236.27	56237.63672	56274.79772	56270.56250	505022.0	5410154.0
L5020.0	505021.9	5410154.7	21257.00000	371.07	0	48.844343	-86.931553	56207.05	56220.5	29.47	56236.52	56237.80469	56268.52497	56264.37500	505021.9	5410154.7
L5020.0	505021.9	5410154.7	21257.09961	372.50	0	48.844343	-86.931553	56207.29	56220.5	29.47	56236.76	56237.96875	56262.29327	56258.23047	505021.9	5410154.7
L5020.0	505021.9	5410155.2	21257.19922	374.20	0	48.844348	-86.931554	56207.84	56220.5	29.47	56237.31	56238.43750	56263.60984	56259.63672	505021.9	5410155.2
L5020.0	505021.8	5410155.8	21257.30078	371.90	0	48.844353	-86.931555	56208.32	56220.5	29.48	56237.80	56238.85156	56263.78257	56259.90234	505021.8	5410155.8
L5020.0	505021.8	5410156.2	21257.40039	371.95	0	48.844358	-86.931555	56208.72	56220.5	29.48	56238.20	56239.17578	56262.10114	56258.31641	505021.8	5410156.2
L5020.0	505021.8	5410156.2	21257.50000	373.94	0	48.844358	-86.931555	56209.28	56220.5	29.48	56238.76	56239.66016	56264.42848	56260.74219	505021.8	5410156.2
L5020.0	505021.8	5410156.8	21257.59961	374.46	0	48.844362	-86.931556	56209.98	56220.5	29.48	56239.46	56240.28906	56270.28846	56266.70313	505021.8	5410156.8
L5020.0	505021.7	5410157.3	21257.69922	372.99	0	48.844367	-86.931556	56210.32	56220.5	29.48	56239.81	56240.56641	56268.17058	56264.68359	505021.7	5410157.3
L5020.0	505021.7	5410157.3	21257.69922	372.99	0	48.844367	-86.931556	56210.89	56220.5	29.48	56240.38	56241.06250	56271.44952	56268.07031	505021.7	5410157.3
L5020.0	505021.7	5410157.9	21257.90039	371.98	0	48.844372	-86.931557	56211.00	56220.5	29.49	56240.48	56241.08984	56263.91892	56260.64844	505021.7	5410157.9
L5020.0	505021.6	5410158.3	21258.00000	373.98	0	48.844376	-86.931557	56211.53	56220.5	29.49	56241.02	56241.56250	56266.93510	56263.77344	505021.6	5410158.3
L5020.0	505021.6	5410158.6	21258.09961	376.75	0	48.844379	-86.931558	56211.86	56220.5	29.49	56241.35	56241.82031	56265.23034	56262.17969	505021.6	5410158.6
L5020.0	505021.6	5410158.6	21258.19922	376.75	0	48.844379	-86.931558	56212.27	56220.5	29.50	56241.76	56242.16406	56265.60491	56262.66406	505021.6	5410158.6
L5020.0	505021.6	5410159.1	21258.30078	377.34	0	48.844383	-86.931558	56212.45	56220.5	29.50	56241.95	56242.28516	56261.00759	56258.17969	505021.6	5410159.1
L5020.0	505021.6	5410159.1	21258.40039	376.89	0	48.844383	-86.931558	56212.23	56220.5	29.51	56241.73	56242.00000	56246.96942	56244.25781	505021.6	5410159.1
L5020.0	505021.5	5410159.5	21258.50000	377.25	0	48.844387	-86.931559	56212.68	56220.5	29.51	56242.19	56242.39063	56249.07168	56246.48047	505021.5	5410159.5
L5020.0	505021.5	5410160.0	21258.59961	374.08	0	48.844391	-86.931559	56213.22	56220.5	29.51	56242.73	56242.86719	56253.21961	56250.74609	505021.5	5410160.0
L5020.0	505021.5	5410160.2	21258.69922	375.30	0	48.844394	-86.931560	56213.87	56220.5	29.52	56243.38	56243.45313	56260.10877	56257.75391	505021.5	5410160.2
L5020.0	505021.5	5410160.2	21258.80078	377.87	0	48.844394	-86.931560	56214.30	56220.5	29.52	56243.82	56243.82813	56262.21770	56259.98047	505021.5	5410160.2
L5020.0	505021.5	5410160.5	21258.90039	373.97	0	48.844396	-86.931560	56214.52	56220.5	29.53	56244.05	56243.99609	56259.53747	56257.42188	505021.5	5410160.5
L5020.0	505021.5	5410160.5	21259.00000	377.23	0	48.844396	-86.931560	56214.25	56220.5	29.53	56243.78	56243.66406	56245.25076	56243.25781	505021.5	5410160.5
L5020.0	505021.4	5410160.9	21259.09961	378.36	0	48.844400	-86.931561	56214.44	56220.5	29.53	56243.97	56243.79297	56241.88627	56240.01563	505021.4	5410160.9
L5020.0	505021.4	5410161.1	21259.19922	378.26	0	48.844401	-86.931561	56214.71	56220.5	29.53	56244.24	56244.00391	56240.51368	56238.76563	505021.4	5410161.1
L5020.0	505021.4	5410161.3	21259.30078	376.68	0	48.844403	-86.931561	56215.28	56220.5	29.53	56244.81	56244.51563	56246.28875	56244.66406	505021.4	5410161.3
L5020.0	505021.4	5410161.5	21259.40039	378.62	0	48.844405	-86.931561	56215.77	56220.5	29.53	56245.30	56244.94531	56250.28113	56248.78125	505021.4	5410161.5
L5020.0	505021.4	5410161.5	21259.50000	371.07	0	48.844405	-86.931561	56215.71	56220.5	29.53	56245.24	56244.82813	56241.44757	56240.07031	505021.4	5410161.5
L5020.0	505021.3	5410161.7	21259.59961	368.14	0	48.844407	-86.931561	56215.74	56220.5	29.53	56245.27	56244.80078	56234.80411	56233.55078	505021.3	5410161.7
L5020.0	505021.3	5410161.9	21259.69922	364.64	0	48.844408	-86.931562	56216.06	56220.5	29.53	56245.58	56245.05469	56234.80228	56233.67188	505021.3	5410161.9
L5020.0	505021.3	5410161.9	21259.69922	364.64	0	48.844408	-86.931562	56215.71	56220.5	29.53	56245.24	56244.65625	56219.59956	56218.58984	505021.3	5410161.9
L5020.0	505021.3	5410162.0	21259.80078	366.12	0	48.844410	-86.931562	56215.75	56220.5	29.53	56245.28	56244.64453	56213.36813	56212.48438	505021.3	5410162.0
L5020.0	505021.3	5410162.1	21259.90039	370.46	0	48.844411	-86.931561	56216.08	56220.5	29.53	56245.61	56244.91797	56213.98618	56213.22656	505021.3	5410162.1
L5020.0	505021.4	5410162.2	21260.00000	371.14	0	48.844412	-86.931561	56216.60	56220.5	29.53	56246.13	56245.38672	56219.09723	56218.45703	505021.4	5410162.2
L5020.0	505021.4	5410162.2	21260.09961	367.97	0	48.844412	-86.931561	56216.71	56220.5	29.53	56246.25	56245.45313	56214.84125	56214.32031	505021.4	5410162.2
L5020.0	505021.4	5410162.3	21260.19922	364.29	0	48.844412	-86.931561	56217.07	56220.5	29.54	56246.60	56245.75000	56216.00006	56215.60156	505021.4	5410162.3
L5020.0	505021.4	5410162.5	21260.30078	366.47	0	48.844414	-86.931561	56217.61	56220.5	29.54	56247.15	56246.25000	56221.86091	56221.58203	505021.4	5410162.5
L5020.0	505021.4	5410162.5	21260.50000	366.77	0	48.844414	-86.931561	56218.15	56220.5	29.55	56247.70	56246.74609	56227.72012	56227.55859	505021.4	5410162.5
L5020.0	505021.4	5410162.6	21260.59961	364.91	0	48.844415	-86.931561	56218.62	56220.4	29.55	56248.17	56247.16797	56231.69141	56231.64844	505021.4	5410162.6
L5020.0	505021.4	5410162.7	21260.69922	363.48	0	48.844416	-86.931560	56218.38	56220.4	29.56	56247.94	56246.88672	56219.21113	56219.28125	505021.4	5410162.7
L5020.0	505021.4	5410162.9	21260.80078	365.86	0	48.844417	-86.931560	56219.03	56220.4	29.56	56248.59	56247.48828	56227.36488	56227.55078	505021.4	5410162.9
L5020.0	505021.5	5410163.1	21260.90039	370.26	0	48.844419	-86.931560	56218.29	56220.4	29.57	56247.85	56246.69922	56202.85261	56203.15625	505021.5	5410163.1
L5020.0	505021.5	5410163.1	21261.00000	367.24	0	48.844419	-86.931560	56218.40	56220.4	29.57	56247.97	56246.77344	56198.48975	56198.90625	505021.5	5410163.1
L5020.0	505021.5	5410163.3	21261.09961	368.31	0	48.844421	-86.931559	56218.57	56220.4	29.57	56248.14	56246.89453	56195.25285	56195.78125	505021.5	5410163.3
L5020.0	505021.5	5410163.5	21261.19922	373.20	0	48.844423	-86.931559	56219.06	56220.4	29.57	56248.63	56247.33984	56199.47361	56200.10938	505021.5	5410163.5
L5020.0	505021.5	5410163.8	21261.30078	377.21	0	48.844425	-86.931559	56219.70	56220.4	29.57	56249.27	56247.93359	56207.15416	56207.89844	505021.5	5410163.8
L5020.0	505021.5	5410163.8	21261.40039	377.88	0	48.844425	-86.931559	56219.88	56220.4	29.57	56249.45	56248.07031	56203.96705	56204.82031	505021.5	5410163.8
L5020.0	505021.5	5410164.1	21261.50000	376.84	0	48.844428	-86.931559	56220.13	56220.4	29.57	56249.70	56248.27344	56202.34864	56203.31250	505021.5	5410164.1
L5020.0	505021.5	5410164.4	21261.59961	381.20	0	48.844431	-86.931559	56220.34	56220.4	29.56	56249.90	56248.42969	56199.47559	56200.54297	505021.5	5410164.4
L5020.0	505021.5	5410164.4	21261.69922	381.90	0	48.844431	-86.931559	56220.64	56220.4	29.56	56250.20	56248.68750	56198.86354	56200.03125	505021.5	5410164.4
L5020.0	505021.6	5410165.1	21261.69922	381.90	0	48.844437	-86.931558	56220.79	56220.4	29.56	56250.36	56248.80469	56194.87241	56196.14453	505021.6	5410165.1
L5020.0	505021.6	5410165.1	21261.90039	381.34	0	48.844437	-86.931558	56221.34	56220.4	29.56	56250.90	56249.30469	56199.70478	56201.07813	505021.6	5410165.1
L5020.0	505021.6	5410165.1	21262.00000	385.01	0	48.844437	-86.931558	56221.33	56220.4	29.56	56250.89	56249.25391	56191.52204	56192.99609	505021.6	5410165.1
L5020.0	505021.6	5410165.5	21262.09961	383.59	0	48.844440	-86.931558	56221.57	56220.4	29.56	56251.13	56249.45313	56189.10078	56190.67188	505021.6	5410165.5
L5020.0	505021.6	5410165.8	21262.19922	381.15	0	48.844443	-86.931558	56222.14	56220.4	29.57	56251.71	56249.99219	56194.54929	56196.21484	505021.6	5410165.8
L5020.0	505021.6	5410166.0	21262.30078	376.48	0	48.844446	-86.931558	56222.31	56220.4	29.57	56251.87	56250.11328	56190.02079	56191.78516	505021.6	5410166.0
L5020.0	505021.6	5410166.0	21262.40039	375.41	0	48.844446	-86.931558	56222.79	56220.4	29.57	56252.36	56250.56250	56193.11881	56194.97656	505021.6	5410166.0
L5020.0	505021.6	5410166.3	21262.50000	374.80	0	48.844448	-86.931558	56223.27	56220.4	29.57	56252.84	56251.00391	56195.85736	56197.80859	505021.6	5410166.3
L5020.0	505021.6	5410166.7	21262.59961	374.83	0	48.844451	-86.931558	56223.51	56220.4	29.58	56253.09	56251.21875	56193.06795	56195.11328	505021.6	5410166.7
L5020.0	505021.6	5410167.0	21262.69922	373.36	0	48.844454	-86.931558	56223.60	56220.4	29.58	56253.18	56251.26953	56186.39060	56188.52344	505021.6	5410167.0
L5020.0	505021.6	5410167.0	21262.80078	371.83	0	48.844454	-86.931558	56224.08	56220.4	29.58	56253.67	56251.72266	56188.96926	56191.19141	505021.6	5410167.0
L5020.0	505021.6	5410167.4	21262.90039	371.30	0	48.844458	-86.931558	56224.11	56220.4	29.59	56253.70	56251.71875	56180.61102	56182.92578	505021.6	5410167.4
L5020.0	505021.6	5410167.8	21263.00000	372.50	0	48.844461	-86.931557	56224.93	56220.4	29.59	56254.52	56252.50391	56190.65936	56193.06250	505021.6	5410167.8
L5020.0	505021.6	5410168.2	21263.09961	372.69	0	48.844465	-86.931557	56225.19	56220.4	29.59	56254.78	56252.73047	56187.41819	56189.90625	505021.6	5410168.2
L5020.0	505021.6	5410168.6	21263.19922	370.10	0	48.844469	-86.931557	56225.62	56220.4	29.60	56255.22	56253.13672	56188.25829	56190.83203	505021.6	5410168.6
L5020.0	505021.6	5410168.6	21263.30078	368.97	0	48.844469	-86.931557	56226.51	56220.4	29.60	56256.11	56253.99219	56199.51658	56202.17578	505021.6	5410168.6
L5020.0	505021.6	5410169.1	21263.40039	368.47	0	48.844473	-86.931557	56226.64	56220.4	29.60	56256.24	56254.08984	56192.78445	56195.53125	505021.6	5410169.1
L5020.0	505021.7	5410169.4	21263.50000	368.21	0	48.844476	-86.931557	56227.43	56220.4	29.60	56257.04	56254.85938	56201.63241	56204.46484	505021.7	5410169.4
L5020.0	505021.7	5410169.9	21263.59961	371.44	0	48.844480	-86.931557	56227.59	56220.4	29.61	56257.19	56254.98047	56195.06990	56197.98438	505021.7	5410169.9
L5020.0	505021.7	5410170.2	21263.69922	368.90	0	48.844483	-86.931556	56228.45	56220.4	29.61	56258.06	56255.82031	56205.25925	56208.25781	505021.7	5410170.2
L5020.0	505021.7	5410170.8	21263.69922	368.90	0	48.844489	-86.931556	56228.30	56220.4	29.61	56257.91	56255.64063	56191.35005	56194.43359	505021.7	5410170.8
L5020.0	505021.7	5410170.8	21263.90039	371.97	0	48.844489	-86.931556	56229.01	56220.4	29.62	56258.63	56256.33203	56197.71303	56200.87891	505021.7	5410170.8
L5020.0	505021.7	5410171.4	21264.00000	372.30	0	48.844494	-86.931556	56229.39	56220.4	29.62	56259.01	56256.68359	56195.94093	56199.19141	505021.7	5410171.4
L5020.0	505021.8	5410171.8	21264.09961	367.66	0	48.844497	-86.931556	56230.13	56220.4	29.62	56259.76	56257.40625	56202.70221	56206.03906	505021.8	5410171.8
L5020.0	505021.8	5410171.8	21264.19922	365.88	0	48.844497	-86.931556	56230.83	56220.4	29.62	56260.45	56258.07031	56207.90193	56211.32031	505021.8	5410171.8
L5020.0	505021.8	5410172.4	21264.30078	365.32	0	48.844503	-86.931555	56231.16	56220.4	29.63	56260.79	56258.38672	56204.73209	56208.23438	505021.8	5410172.4
L5020.0	505021.8	5410172.8	21264.40039	368.61	0	48.844507	-86.931555	56231.79	56220.4	29.63	56261.42	56258.99219	56208.21834	56211.80469	505021.8	5410172.8
L5020.0	505021.8	5410173.4	21264.50000	371.06	0	48.844512	-86.931555	56231.95	56220.4	29.63	56261.58	56259.12891	56200.51891	56204.19531	505021.8	5410173.4
L5020.0	505021.8	5410173.9	21264.59961	370.01	0	48.844516	-86.931555	56232.64	56220.4	29.63	56262.28	56259.80469	56205.34622	56209.10938	505021.8	5410173.9

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5020.0	505021.9	5410174.5	21264.69922	369.97	0	48.844521	-86.931554	56233.37	56220.4	29.63	56263.00	56260.50391	56210.49328	56214.33984	505021.9	5410174.5
L5020.0	505021.9	5410174.5	21264.80078	371.68	0	48.844521	-86.931554	56234.07	56220.4	29.64	56263.70	56261.18359	56215.02212	56218.95703	505021.9	5410174.5
L5020.0	505021.9	5410175.1	21264.90039	373.99	0	48.844527	-86.931554	56234.12	56220.4	29.64	56263.76	56261.22266	56204.37836	56208.40234	505021.9	5410175.1
L5020.0	505021.9	5410175.8	21265.00000	373.27	0	48.844533	-86.931554	56234.96	56220.4	29.64	56264.60	56262.04297	56211.90051	56216.01953	505021.9	5410175.8
L5020.0	505021.9	5410176.3	21265.09961	375.36	0	48.844538	-86.931554	56235.35	56220.4	29.64	56264.99	56262.41797	56208.71357	56212.92578	505021.9	5410176.3
L5020.0	505021.9	5410176.3	21265.19922	373.41	0	48.844538	-86.931554	56236.00	56220.4	29.64	56265.64	56263.05078	56211.48775	56215.79297	505021.9	5410176.3
L5020.0	505021.9	5410177.2	21265.30078	373.78	0	48.844546	-86.931553	56236.92	56220.4	29.65	56266.57	56263.96484	56220.69435	56225.09375	505021.9	5410177.2
L5020.0	505021.9	5410177.9	21265.40039	375.32	0	48.844552	-86.931553	56237.23	56220.4	29.65	56266.88	56264.26172	56215.20608	56219.70313	505021.9	5410177.9
L5020.0	505022.0	5410178.8	21265.50000	373.27	0	48.844560	-86.931553	56237.89	56220.3	29.65	56267.54	56264.90625	56217.79744	56222.39453	505022.0	5410178.8
L5020.0	505022.0	5410178.8	21265.59961	373.37	0	48.844560	-86.931553	56238.38	56220.3	29.65	56268.04	56265.39453	56216.49730	56221.19922	505022.0	5410178.8
L5020.0	505022.0	5410179.5	21265.69922	373.33	0	48.844566	-86.931552	56239.16	56220.3	29.65	56268.82	56266.16406	56221.63764	56226.44141	505022.0	5410179.5
L5020.0	505022.0	5410180.1	21265.69922	373.33	0	48.844572	-86.931552	56239.58	56220.3	29.65	56269.23	56266.56250	56217.96073	56222.87109	505022.0	5410180.1
L5020.0	505022.0	5410180.1	21265.90039	378.23	0	48.844572	-86.931552	56240.44	56220.3	29.66	56270.10	56267.42578	56224.95465	56229.97656	505022.0	5410180.1
L5020.0	505022.0	5410180.8	21266.00000	378.92	0	48.844578	-86.931552	56240.89	56220.3	29.66	56270.55	56267.86719	56221.96217	56227.09766	505022.0	5410180.8
L5020.0	505022.1	5410181.7	21266.09961	381.54	0	48.844587	-86.931551	56241.38	56220.3	29.66	56271.05	56268.36328	56220.01982	56225.26953	505022.1	5410181.7
L5020.0	505022.1	5410182.5	21266.19922	382.73	0	48.844593	-86.931551	56242.26	56220.3	29.67	56271.93	56269.23828	56226.87746	56232.24609	505022.1	5410182.5
L5020.0	505022.1	5410183.3	21266.30078	384.33	0	48.844601	-86.931551	56242.90	56220.3	29.67	56272.57	56269.87500	56227.98198	56233.47266	505022.1	5410183.3
L5020.0	505022.1	5410183.3	21266.40039	384.30	0	48.844601	-86.931551	56243.66	56220.3	29.68	56273.34	56270.64063	56232.02240	56237.63672	505022.1	5410183.3
L5020.0	505022.1	5410184.0	21266.50000	381.46	0	48.844607	-86.931550	56244.20	56220.3	29.68	56273.88	56271.17969	56230.54967	56236.29688	505022.1	5410184.0
L5020.0	505022.2	5410185.3	21266.59961	379.21	0	48.844619	-86.931550	56245.08	56220.3	29.68	56274.77	56272.07422	56237.18302	56243.06250	505022.2	5410185.3
L5020.0	505022.2	5410185.8	21266.69922	378.98	0	48.844623	-86.931550	56245.58	56220.3	29.69	56275.27	56272.57422	56234.55227	56240.56641	505022.2	5410185.8
L5020.0	505022.2	5410185.8	21266.80078	376.56	0	48.844623	-86.931550	56246.46	56220.3	29.69	56276.16	56273.46875	56240.97206	56247.12891	505022.2	5410185.8
L5020.0	505022.2	5410186.4	21266.90039	376.65	0	48.844629	-86.931550	56246.91	56220.3	29.70	56276.60	56273.91406	56236.72455	56243.02734	505022.2	5410186.4
L5020.0	505022.2	5410187.2	21267.00000	372.24	0	48.844636	-86.931549	56247.77	56220.3	29.70	56277.47	56274.79297	56242.47212	56248.92578	505022.2	5410187.2
L5020.0	505022.2	5410188.0	21267.09961	372.35	0	48.844643	-86.931549	56248.38	56220.3	29.70	56278.08	56275.41016	56242.01849	56248.62500	505022.2	5410188.0
L5020.0	505022.2	5410189.1	21267.19922	372.07	0	48.844653	-86.931549	56248.98	56220.3	29.70	56278.68	56276.02344	56241.23561	56248.00000	505022.2	5410189.1
L5020.0	505022.2	5410189.1	21267.30078	374.00	0	48.844653	-86.931549	56249.58	56220.3	29.70	56279.28	56276.63281	56240.36101	56247.28906	505022.2	5410189.1
L5020.0	505022.3	5410189.8	21267.40039	372.30	0	48.844660	-86.931549	56250.56	56220.3	29.70	56280.26	56277.62891	56248.31865	56255.41406	505022.3	5410189.8
L5020.0	505022.3	5410190.9	21267.50000	369.00	0	48.844669	-86.931548	56251.23	56220.3	29.71	56280.94	56278.32422	56249.14700	56256.41797	505022.3	5410190.9
L5020.0	505022.3	5410191.7	21267.59961	371.74	0	48.844677	-86.931548	56251.83	56220.3	29.71	56281.53	56278.93359	56247.77895	56255.23047	505022.3	5410191.7
L5020.0	505022.3	5410191.7	21267.69922	369.61	0	48.844677	-86.931548	56252.81	56220.3	29.71	56282.51	56279.93359	56255.48610	56263.12109	505022.3	5410191.7
L5020.0	505022.3	5410192.6	21267.69922	369.61	0	48.844685	-86.931548	56253.46	56220.3	29.71	56283.17	56280.61328	56255.60260	56263.42578	505022.3	5410192.6
L5020.0	505022.3	5410193.9	21267.90039	372.13	0	48.844696	-86.931548	56254.28	56220.3	29.71	56283.99	56281.45703	56259.40002	56267.41797	505022.3	5410193.9
L5020.0	505022.3	5410194.7	21268.00000	370.96	0	48.844703	-86.931547	56255.02	56220.3	29.71	56284.73	56282.22266	56261.24659	56269.46875	505022.3	5410194.7
L5020.0	505022.3	5410194.7	21268.09961	371.17	0	48.844703	-86.931547	56255.91	56220.3	29.71	56285.62	56283.14063	56266.54463	56274.97266	505022.3	5410194.7
L5020.0	505022.3	5410195.6	21268.19922	369.88	0	48.844711	-86.931547	56256.25	56220.3	29.71	56285.96	56283.51172	56258.86296	56267.50391	505022.3	5410195.6
L5020.0	505022.3	5410196.8	21268.30078	370.46	0	48.844723	-86.931547	56257.19	56220.3	29.72	56286.90	56284.48438	56265.20254	56274.06250	505022.3	5410196.8
L5020.0	505022.3	5410197.8	21268.40039	371.44	0	48.844732	-86.931548	56257.72	56220.3	29.72	56287.44	56285.05859	56262.08908	56271.17578	505022.3	5410197.8
L5020.0	505022.3	5410197.8	21268.50000	370.14	0	48.844732	-86.931548	56258.44	56220.3	29.72	56288.16	56285.81641	56263.14167	56272.46094	505022.3	5410197.8
L5020.0	505022.3	5410198.8	21268.59961	371.91	0	48.844740	-86.931548	56259.12	56220.3	29.72	56288.84	56286.53516	56263.19790	56272.75391	505022.3	5410198.8
L5020.0	505022.3	5410199.6	21268.69922	370.79	0	48.844748	-86.931548	56259.96	56220.3	29.72	56289.69	56287.42578	56267.19035	56276.99219	505022.3	5410199.6
L5020.0	505022.3	5410199.6	21268.80078	375.71	0	48.844748	-86.931548	56261.05	56220.3	29.73	56290.77	56288.54688	56276.53003	56286.58203	505022.3	5410199.6
L5020.0	505022.3	5410202.0	21268.90039	374.99	0	48.844769	-86.931548	56261.77	56220.3	29.73	56291.50	56289.32422	56277.60274	56287.91016	505022.3	5410202.0
L5020.0	505022.3	5410202.0	21269.00000	372.77	0	48.844769	-86.931548	56262.42	56220.3	29.73	56292.15	56290.02344	56276.74956	56287.32422	505022.3	5410202.0
L5020.0	505022.3	5410202.9	21269.09961	373.64	0	48.844777	-86.931548	56262.81	56220.3	29.73	56292.54	56290.46094	56269.74692	56280.59375	505022.3	5410202.9
L5020.0	505022.3	5410202.9	21269.19922	376.09	0	48.844777	-86.931548	56263.56	56220.3	29.73	56293.30	56291.27734	56271.38745	56282.51172	505022.3	5410202.9
L5020.0	505022.3	5410204.1	21269.30078	376.83	0	48.844788	-86.931548	56264.39	56220.3	29.74	56294.12	56292.15234	56274.39551	56285.80469	505022.3	5410204.1
L5020.0	505022.3	5410205.4	21269.40039	375.71	0	48.844800	-86.931548	56264.82	56220.3	29.74	56294.55	56292.64063	56268.20863	56279.91016	505022.3	5410205.4
L5020.0	505022.3	5410206.8	21269.50000	374.37	0	48.844813	-86.931548	56265.69	56220.3	29.74	56295.43	56293.58203	56272.54944	56284.55469	505022.3	5410206.8
L5020.0	505022.3	5410207.9	21269.59961	372.08	0	48.844822	-86.931548	56266.27	56220.3	29.74	56296.01	56294.22266	56269.81229	56282.12109	505022.3	5410207.9
L5020.0	505022.3	5410207.9	21269.69922	373.15	0	48.844822	-86.931548	56266.92	56220.3	29.74	56296.66	56294.94141	56268.68557	56281.30859	505022.3	5410207.9
L5020.0	505022.3	5410208.9	21269.69922	373.15	0	48.844831	-86.931547	56267.78	56220.3	29.74	56297.52	56295.86719	56272.45792	56285.40234	505022.3	5410208.9
L5020.0	505022.3	5410210.0	21269.90039	373.83	0	48.844841	-86.931547	56268.62	56220.3	29.75	56298.37	56296.78906	56275.96624	56289.24219	505022.3	5410210.0
L5020.0	505022.3	5410210.0	21270.00000	371.90	0	48.844841	-86.931547	56269.43	56220.3	29.75	56299.18	56297.67578	56278.50798	56292.12109	505022.3	5410210.0
L5020.0	505022.3	5410211.5	21270.09961	371.66	0	48.844854	-86.931547	56270.30	56220.2	29.75	56300.05	56298.62109	56282.43249	56296.38672	505022.3	5410211.5
L5020.0	505022.3	5410212.8	21270.19922	373.66	0	48.844866	-86.931547	56271.05	56220.2	29.75	56300.80	56299.45313	56283.51556	56297.82422	505022.3	5410212.8
L5020.0	505022.3	5410212.8	21270.30078	375.93	0	48.844866	-86.931547	56271.91	56220.2	29.76	56301.67	56300.40625	56287.39314	56302.05859	505022.3	5410212.8
L5020.0	505022.4	5410214.0	21270.40039	376.01	0	48.844877	-86.931547	56272.31	56220.2	29.76	56302.06	56300.87891	56279.98057	56295.01172	505022.4	5410214.0
L5020.0	505022.4	5410215.1	21270.50000	372.53	0	48.844887	-86.931547	56272.88	56220.2	29.76	56302.64	56301.55078	56277.00871	56292.41406	505022.4	5410215.1
L5020.0	505022.4	5410216.2	21270.59961	372.77	0	48.844897	-86.931547	56274.08	56220.2	29.76	56303.84	56302.83984	56288.57387	56304.36328	505022.4	5410216.2
L5020.0	505022.4	5410217.3	21270.69922	374.10	0	48.844907	-86.931547	56274.70	56220.2	29.76	56304.46	56303.55469	56286.50503	56302.68359	505022.4	5410217.3
L5020.0	505022.4	5410217.3	21270.80078	374.37	0	48.844907	-86.931547	56275.66	56220.2	29.77	56305.43	56304.62500	56292.63674	56309.21094	505022.4	5410217.3
L5020.0	505022.4	5410218.9	21270.90039	375.34	0	48.844921	-86.931547	56276.13	56220.2	29.77	56305.90	56305.19531	56287.01469	56303.99219	505022.4	5410218.9
L5020.0	505022.4	5410218.9	21271.00000	374.09	0	48.844921	-86.931547	56276.99	56220.2	29.77	56306.76	56306.15625	56290.53416	56307.92578	505022.4	5410218.9
L5020.0	505022.4	5410220.2	21271.09961	373.30	0	48.844933	-86.931547	56277.75	56220.2	29.77	56307.52	56307.02344	56291.69229	56309.50000	505022.4	5410220.2
L5020.0	505022.4	5410220.2	21271.19922	373.39	0	48.844933	-86.931547	56278.06	56220.2	29.77	56307.83	56307.44531	56282.27289	56300.50781	505022.4	5410220.2
L5020.0	505022.4	5410221.6	21271.30078	374.58	0	48.844945	-86.931547	56278.88	56220.2	29.77	56308.66	56308.38672	56285.04905	56303.71875	505022.4	5410221.6
L5020.0	505022.4	5410222.8	21271.40039	371.45	0	48.844956	-86.931547	56279.85	56220.2	29.77	56309.63	56309.47266	56291.10004	56310.21094	505022.4	5410222.8
L5020.0	505022.4	5410223.9	21271.50000	372.49	0	48.844966	-86.931547	56280.59	56220.2	29.77	56310.36	56310.32422	56291.50501	56311.06641	505022.4	5410223.9
L5020.0	505022.4	5410223.9	21271.59961	373.16	0	48.844966	-86.931547	56281.07	56220.2	29.78	56310.85	56310.93359	56286.26416	56306.28125	505022.4	5410223.9
L5020.0	505022.3	5410225.1	21271.69922	376.17	0	48.844977	-86.931547	56282.38	56220.2	29.78	56312.16	56312.37109	56300.26306	56320.74219	505022.3	5410225.1
L5020.0	505022.3	5410226.3	21271.69922	376.17	0	48.844988	-86.931547	56282.53	56220.2	29.78	56312.31	56312.64844	56287.01751	56307.96875	505022.3	5410226.3
L5020.0	505022.3	5410226.3	21271.90039	373.39	0	48.844988	-86.931547	56283.57	56220.2	29.78	56313.35	56313.82031	56294.65486	56316.08203	505022.3	5410226.3
L5020.0	505022.3	5410227.5	21272.00000	371.68	0	48.844999	-86.931548	56284.04	56220.2	29.78	56313.82	56314.42578	56288.89864	56310.81250	505022.3	5410227.5
L5020.0	505022.3	5410228.9	21272.09961	370.37	0	48.845011	-86.931548	56284.79	56220.2	29.78	56314.57	56315.31641	56289.70369	56312.10938	505022.3	5410228.9
L5020.0	505022.2	5410229.9	21272.19922	371.54	0	48.845020	-86.931548	56285.80	56220.2	29.78	56315.58	56316.46875	56296.59989	56319.50391	505022.2	5410229.9
L5020.0	505022.2	5410231.7	21272.30078	373.81	0	48.845036	-86.931549	56286.36	56220.2	29.79	56316.14	56317.17188	56292.91794	56316.32813	505022.2	5410231.7
L5020.0	505022.2	5410231.7	21272.40039	371.87	0	48.845036	-86.931549	56286.92	56220.2	29.79	56316.71	56317.89063	56289.45629	56313.37891	505022.2	5410231.7
L5020.0	505022.2	5410233.0	21272.50000	370.48	0	48.845048	-86.931550	56287.84	56220.2	29.79	56317.63	56318.96094	56294.19603	56318.63672	505022.2	5410233.0
L5020.0	505022.2	5410233.0	21272.59961	369.70	0	48.845048	-86.931550	56288.61	56220.2	29.79	56318.40	56319.88672	56295.39752	56320.36328	505022.2	5410233.0
L5020.0	505022.1	5410234.4	21272.69922	371.78	0	48.845061	-86.931550	56288.93	56220.2	29.79	56318.73	56320.37109	56286.25112	56311.75000	505022.1	5410234.4
L5020.0	505022.1	5410235.7	21272.80078	370.32	0	48.845072	-86.931550	56290.03	56220.2	29.80	56319.82	56321.62500	56294.92751	56320.96484	505022.1	5410235.7
L5020.0	505022.1	5410237.0	21272.90039	368.07	0	48.845084	-86.931550	56290.57	56220.2	29.80	56320.37	56322.33594	56290.90511	56317.48438	505022.1	5410237.0
L5020.0	505022.1	5410237.0	21273.00000	367.72	0	48.845084	-86.931550	56291.41	56220.2	29.80	56321.21	56323.34375	56293.66783	56320.80078	505022.1	5410237.0
L5020.0	505022.1	5410238.3	21273.09961	372.06	0	48.845095	-86.931550	56291.94	56220.2	29.80	56321.74	56324.04297	56289.12755	56316.81641	505022.1	5410238.3
L5020.0	505022.1	5410239.8	21273.19922	370.89	0	48.845109	-86.931550	56292.94	56220.2	29.80	56322.74	56325.21875	56295.59399	56323.84375	505022.1	5410239.8
L5020.0	505022.1	5410239.8	21273.30078	371.66	0	48.845109	-86.931550	56293.61	56220.2	29.80	56323.41	56326.06250	56294.28333	56323.10156	505022.1	5410239.8
L5020.0	505022.1	5410241.0	21273.40039	371.37	0	48.845120	-86.931550	56294.55	56220.2	29.80	56324.35	56327.18359	56299.27913	56328.66797	505022.1	5410241.0
L5020.0	505022.1	5410242.3	21273.50000	372.09	0	48.845132	-86.931550	56295.08	56220.2	29.81	56324.89	56327.90625	56294.84919	56324.81641	505022.1	5410242.3
L5020.0	505022.1	5410242.3	21273.59961	370.35	0	48.845132	-86.931550	56296.06	56220.2	29.81	56325.86	56329.06250	56300.47642	56331.02734	505022.1	5410242.3
L5020.0	505022.1	5410244.0	21273.69922	370.10	0	48.845147	-86.931550	56296.95	56220.2	29.81	56326.75	56330.14063	56304.18457	56335.32422	505022.1	5410244.0
L5020.0	505022.1	5410245.2	21273.69922	370.10	0	48.845158	-86.931550	56297.16	56220.2	29.81	56326.96	56330.53906	56291.88431	56323.61719	505022.1	5410245.2
L5020.0	505022.1	5410246.5	21273.90039	374.15	0	48.845170	-86.931550	56298.53	56220.2	29.81	56328.34	56332.11328	56307.00443	56339.33594	505022.1	5410246.5

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5020.0	505022.1	5410246.5	21274.00000	373.65	0	48.845170	-86.931550	56298.54	56220.2	29.81	56328.35	56332.32031	56289.91017	56322.84375	505022.1	5410246.5
L5020.0	505022.1	5410247.9	21274.09961	374.20	0	48.845182	-86.931550	56299.93	56220.2	29.81	56329.75	56333.92188	56305.39391	56338.93359	505022.1	5410247.9
L5020.0	505022.1	5410249.3	21274.19922	374.33	0	48.845195	-86.931550	56300.60	56220.2	29.81	56330.41	56334.78125	56303.44611	56337.59766	505022.1	5410249.3
L5020.0	505022.1	5410250.5	21274.30078	374.26	0	48.845205	-86.931550	56301.26	56220.2	29.82	56331.07	56335.64844	56301.43557	56336.20313	505022.1	5410250.5
L5020.0	505022.1	5410250.5	21274.40039	375.53	0	48.845205	-86.931550	56302.39	56220.2	29.82	56332.21	56336.99609	56310.62702	56346.01172	505022.1	5410250.5
L5020.0	505022.1	5410252.0	21274.50000	376.93	0	48.845219	-86.931549	56302.72	56220.2	29.82	56332.54	56337.53516	56300.73098	56336.73828	505022.1	5410252.0
L5020.0	505022.1	5410253.0	21274.59961	376.83	0	48.845228	-86.931549	56303.61	56220.2	29.82	56333.43	56338.63672	56303.90624	56340.53906	505022.1	5410253.0
L5020.0	505022.1	5410253.0	21274.69922	375.61	0	48.845228	-86.931549	56304.25	56220.2	29.82	56334.07	56339.49219	56301.13197	56338.39063	505022.1	5410253.0
L5020.0	505022.1	5410254.7	21274.80078	376.77	0	48.845243	-86.931549	56305.06	56220.2	29.83	56334.89	56340.53125	56302.49845	56340.39063	505022.1	5410254.7
L5020.0	505022.1	5410256.2	21274.90039	374.26	0	48.845257	-86.931550	56305.83	56220.2	29.83	56335.66	56341.51953	56302.60114	56341.12500	505022.1	5410256.2
L5020.0	505022.1	5410257.9	21275.00000	372.91	0	48.845272	-86.931550	56306.81	56220.2	29.83	56336.64	56342.72266	56307.53904	56346.69922	505022.1	5410257.9
L5020.0	505022.1	5410257.9	21275.09961	369.64	0	48.845272	-86.931550	56307.16	56220.2	29.83	56336.99	56343.29688	56297.58651	56337.38281	505022.1	5410257.9
L5020.0	505022.1	5410259.3	21275.19922	370.35	0	48.845285	-86.931550	56308.41	56220.2	29.83	56338.23	56344.76172	56308.42316	56348.86328	505022.1	5410259.3
L5020.0	505022.1	5410260.6	21275.30078	371.62	0	48.845297	-86.931550	56308.69	56220.2	29.83	56338.51	56345.26953	56296.61156	56337.69141	505022.1	5410260.6
L5020.0	505022.1	5410260.6	21275.40039	371.29	0	48.845297	-86.931550	56310.12	56220.2	29.83	56339.95	56346.94141	56311.91724	56353.64063	505022.1	5410260.6
L5020.0	505022.1	5410262.2	21275.50000	371.78	0	48.845310	-86.931550	56310.88	56220.2	29.83	56340.70	56347.92188	56310.90263	56353.26953	505022.1	5410262.2
L5020.0	505022.1	5410263.7	21275.59961	373.06	0	48.845324	-86.931550	56311.21	56220.2	29.82	56341.04	56348.49609	56300.13575	56343.14844	505022.1	5410263.7
L5020.0	505022.1	5410263.7	21275.69922	372.48	0	48.845324	-86.931550	56312.31	56220.2	29.82	56342.14	56349.83203	56307.07896	56350.73828	505022.1	5410263.7
L5020.0	505022.1	5410265.5	21275.69922	372.48	0	48.845341	-86.931550	56312.80	56220.2	29.82	56342.62	56350.54688	56299.32865	56343.63281	505022.1	5410265.5
L5020.0	505022.1	5410266.7	21275.90039	372.19	0	48.845352	-86.931550	56313.89	56220.2	29.82	56343.72	56351.88281	56305.99050	56350.94141	505022.1	5410266.7
L5020.0	505022.1	5410266.7	21276.00000	371.83	0	48.845352	-86.931550	56314.79	56220.2	29.82	56344.61	56353.01172	56307.57313	56353.17188	505022.1	5410266.7
L5020.0	505022.1	5410268.1	21276.09961	373.51	0	48.845364	-86.931550	56315.32	56220.2	29.82	56345.14	56353.78516	56300.54941	56346.79297	505022.1	5410268.1
L5020.0	505022.1	5410269.4	21276.19922	373.98	0	48.845376	-86.931550	56316.45	56220.2	29.83	56346.27	56355.15625	56307.45150	56354.33984	505022.1	5410269.4
L5020.0	505022.1	5410271.4	21276.30078	370.56	0	48.845393	-86.931550	56317.26	56220.2	29.83	56347.09	56356.21484	56306.90992	56354.44531	505022.1	5410271.4
L5020.0	505022.1	5410271.4	21276.40039	369.04	0	48.845393	-86.931550	56318.00	56220.2	29.83	56347.83	56357.19922	56304.31881	56352.49609	505022.1	5410271.4
L5020.0	505022.1	5410272.3	21276.50000	367.28	0	48.845401	-86.931550	56319.25	56220.2	29.83	56349.09	56358.70313	56313.75881	56362.57813	505022.1	5410272.3
L5020.0	505022.1	5410273.8	21276.59961	368.20	0	48.845415	-86.931550	56319.74	56220.2	29.84	56349.58	56359.43750	56304.93941	56354.40234	505022.1	5410273.8
L5020.0	505022.1	5410275.2	21276.69922	368.78	0	48.845428	-86.931550	56321.04	56220.2	29.84	56350.88	56360.98047	56314.94869	56365.05078	505022.1	5410275.2
L5020.0	505022.1	5410275.2	21276.80078	370.25	0	48.845428	-86.931550	56321.29	56220.2	29.84	56351.14	56361.48438	56300.34930	56351.08594	505022.1	5410275.2
L5020.0	505022.1	5410276.7	21276.90039	367.85	0	48.845441	-86.931550	56322.55	56220.2	29.85	56352.39	56362.98047	56308.79412	56360.16406	505022.1	5410276.7
L5020.0	505022.1	5410278.1	21277.00000	367.36	0	48.845454	-86.931550	56323.62	56220.2	29.85	56353.47	56364.30469	56313.04505	56365.04688	505022.1	5410278.1
L5020.0	505022.0	5410279.4	21277.09961	369.82	0	48.845466	-86.931550	56324.34	56220.2	29.85	56354.19	56365.26953	56308.63668	56361.26563	505022.0	5410279.4
L5020.0	505022.0	5410279.4	21277.19922	373.18	0	48.845466	-86.931550	56325.51	56220.2	29.85	56355.36	56366.68359	56314.58058	56367.83594	505022.0	5410279.4
L5020.0	505022.0	5410280.7	21277.30078	374.53	0	48.845477	-86.931550	56325.99	56220.2	29.85	56355.84	56367.40625	56304.10866	56357.98438	505022.0	5410280.7
L5020.0	505022.0	5410282.3	21277.40039	373.81	0	48.845491	-86.931551	56327.16	56220.2	29.85	56357.01	56368.82031	56309.61468	56364.10938	505022.0	5410282.3
L5020.0	505022.0	5410283.6	21277.50000	371.84	0	48.845504	-86.931551	56327.78	56220.2	29.85	56357.63	56369.68359	56301.98324	56357.08984	505022.0	5410283.6
L5020.0	505022.0	5410283.6	21277.59961	369.89	0	48.845504	-86.931551	56329.18	56220.2	29.85	56359.03	56371.32422	56312.43468	56368.14844	505022.0	5410283.6
L5020.0	505022.0	5410285.3	21277.69922	372.88	0	48.845518	-86.931551	56330.34	56220.2	29.85	56360.19	56372.72266	56317.01897	56373.33984	505022.0	5410285.3
L5020.0	505022.0	5410286.6	21277.69922	372.88	0	48.845530	-86.931550	56331.20	56220.2	29.85	56361.05	56373.82422	56314.32410	56371.24219	505022.0	5410286.6
L5020.0	505022.0	5410286.6	21277.90039	372.31	0	48.845530	-86.931550	56332.27	56220.2	29.85	56362.12	56375.12891	56316.32011	56373.83203	505022.0	5410286.6
L5020.0	505022.0	5410288.3	21278.00000	373.69	0	48.845545	-86.931550	56333.32	56220.2	29.85	56363.17	56376.41406	56317.60446	56375.70313	505022.0	5410288.3
L5020.0	505022.0	5410290.1	21278.09961	377.36	0	48.845561	-86.931551	56334.41	56220.1	29.85	56364.27	56377.75000	56319.81793	56378.49609	505022.0	5410290.1
L5020.0	505022.0	5410291.6	21278.19922	379.92	0	48.845575	-86.931551	56335.56	56220.1	29.85	56365.42	56379.13281	56322.95824	56382.21484	505022.0	5410291.6
L5020.0	505022.0	5410291.6	21278.30078	380.63	0	48.845575	-86.931551	56336.20	56220.1	29.86	56366.05	56379.99219	56313.64158	56373.46484	505022.0	5410291.6
L5020.0	505022.0	5410293.1	21278.40039	376.69	0	48.845589	-86.931550	56337.56	56220.1	29.86	56367.42	56381.58984	56321.44711	56381.83203	505022.0	5410293.1
L5020.0	505022.0	5410294.5	21278.50000	374.29	0	48.845601	-86.931550	56338.62	56220.1	29.86	56368.48	56382.87109	56321.72278	56382.66016	505022.0	5410294.5
L5020.0	505022.0	5410296.2	21278.59961	372.66	0	48.845617	-86.931550	56339.67	56220.1	29.86	56369.53	56384.14453	56321.51064	56382.99609	505022.0	5410296.2
L5020.0	505022.0	5410296.2	21278.69922	372.28	0	48.845617	-86.931550	56341.07	56220.1	29.86	56370.94	56385.77344	56329.49643	56391.51953	505022.0	5410296.2
L5020.0	505022.0	5410298.1	21278.80078	371.08	0	48.845634	-86.931550	56341.87	56220.1	29.87	56371.73	56386.78125	56322.67251	56385.22266	505022.0	5410298.1
L5020.0	505022.0	5410298.1	21278.90039	369.82	0	48.845634	-86.931550	56343.14	56220.1	29.87	56373.01	56388.27344	56327.09822	56390.17188	505022.0	5410298.1
L5020.0	505022.0	5410299.7	21279.00000	369.88	0	48.845648	-86.931551	56343.93	56220.1	29.87	56373.80	56389.26953	56319.76661	56383.35156	505022.0	5410299.7
L5020.0	505022.0	5410301.3	21279.09961	370.89	0	48.845662	-86.931551	56345.11	56220.1	29.87	56374.98	56390.65625	56321.33807	56385.42578	505022.0	5410301.3
L5020.0	505022.0	5410302.8	21279.19922	371.93	0	48.845676	-86.931551	56346.96	56220.1	29.87	56376.83	56392.70703	56338.38722	56402.96875	505022.0	5410302.8
L5020.0	505022.0	5410302.8	21279.30078	372.02	0	48.845676	-86.931551	56347.71	56220.1	29.87	56377.58	56393.65625	56329.36152	56394.42578	505022.0	5410302.8
L5020.0	505022.0	5410304.4	21279.40039	372.03	0	48.845690	-86.931551	56349.14	56220.1	29.87	56379.01	56395.27734	56336.05161	56401.58594	505022.0	5410304.4
L5020.0	505022.0	5410304.4	21279.50000	372.18	0	48.845690	-86.931551	56349.78	56220.1	29.87	56379.64	56396.09766	56323.71397	56389.71094	505022.0	5410304.4
L5020.0	505022.0	5410306.0	21279.59961	372.62	0	48.845705	-86.931551	56351.51	56220.1	29.86	56381.38	56398.01953	56337.19196	56403.63672	505022.0	5410306.0
L5020.0	505022.0	5410307.4	21279.69922	374.00	0	48.845717	-86.931551	56352.58	56220.1	29.86	56382.44	56399.26172	56334.46498	56401.35156	505022.0	5410307.4
L5020.0	505022.0	5410308.7	21279.69922	374.00	0	48.845729	-86.931551	56353.76	56220.1	29.86	56383.62	56400.61328	56334.31782	56401.62891	505022.0	5410308.7
L5020.0	505022.0	5410310.2	21279.90039	373.56	0	48.845743	-86.931551	56355.21	56220.1	29.86	56385.07	56402.23438	56340.27566	56408.00391	505022.0	5410310.2
L5020.0	505022.0	5410310.2	21280.00000	373.36	0	48.845743	-86.931551	56356.23	56220.1	29.86	56386.09	56403.41406	56335.90874	56404.03516	505022.0	5410310.2
L5020.0	505022.0	5410311.8	21280.09961	373.58	0	48.845757	-86.931551	56357.76	56220.1	29.86	56387.62	56405.10156	56343.28963	56411.80469	505022.0	5410311.8
L5020.0	505022.0	5410311.8	21280.19922	374.05	0	48.845757	-86.931551	56359.04	56220.1	29.86	56388.90	56406.53516	56344.58064	56413.47266	505022.0	5410311.8
L5020.0	505022.0	5410313.8	21280.30078	374.89	0	48.845775	-86.931550	56359.98	56220.1	29.87	56389.85	56407.62891	56337.90863	56407.16016	505022.0	5410313.8
L5020.0	505022.0	5410315.1	21280.40039	374.80	0	48.845787	-86.931550	56361.54	56220.1	29.87	56391.41	56409.32813	56345.34716	56414.94531	505022.0	5410315.1
L5020.0	505022.1	5410316.8	21280.50000	374.09	0	48.845802	-86.931550	56363.18	56220.1	29.87	56393.05	56411.10156	56354.45912	56424.39063	505022.1	5410316.8
L5020.0	505022.1	5410316.8	21280.59961	374.97	0	48.845802	-86.931550	56364.24	56220.1	29.87	56394.11	56412.28516	56349.75573	56420.00391	505022.1	5410316.8
L5020.0	505022.1	5410318.1	21280.69922	374.81	0	48.845814	-86.931550	56365.93	56220.1	29.87	56395.80	56414.09766	56359.65014	56430.19922	505022.1	5410318.1
L5020.0	505022.1	5410319.5	21280.80078	375.42	0	48.845826	-86.931549	56367.31	56220.1	29.88	56397.19	56415.59766	56362.31533	56433.15234	505022.1	5410319.5
L5020.0	505022.1	5410319.5	21280.90039	375.47	0	48.845826	-86.931549	56368.38	56220.1	29.88	56398.26	56416.77344	56357.28845	56428.39453	505022.1	5410319.5
L5020.0	505022.1	5410321.3	21281.00000	373.45	0	48.845842	-86.931549	56370.14	56220.1	29.88	56400.02	56418.62891	56368.28800	56439.64844	505022.1	5410321.3
L5020.0	505022.2	5410322.9	21281.09961	370.71	0	48.845857	-86.931548	56371.12	56220.1	29.88	56401.00	56419.69922	56360.81014	56432.40625	505022.2	5410322.9
L5020.0	505022.2	5410324.1	21281.19922	371.46	0	48.845867	-86.931548	56372.62	56220.1	29.88	56402.50	56421.28125	56365.38205	56437.19922	505022.2	5410324.1
L5020.0	505022.2	5410324.1	21281.30078	371.53	0	48.845867	-86.931548	56374.30	56220.1	29.89	56404.18	56423.03125	56374.02903	56446.04688	505022.2	5410324.1
L5020.0	505022.2	5410325.8	21281.40039	371.44	0	48.845882	-86.931548	56375.66	56220.1	29.89	56405.55	56424.46875	56375.25504	56447.45703	505022.2	5410325.8
L5020.0	505022.2	5410327.4	21281.50000	370.88	0	48.845897	-86.931547	56377.24	56220.1	29.89	56407.13	56426.10547	56381.27572	56453.64063	505022.2	5410327.4
L5020.0	505022.2	5410327.4	21281.59961	370.54	0	48.845897	-86.931547	56378.36	56220.1	29.89	56408.25	56427.27344	56376.36939	56448.87891	505022.2	5410327.4
L5020.0	505022.2	5410328.8	21281.69922	373.97	0	48.845910	-86.931547	56379.99	56220.1	29.89	56409.89	56428.95313	56383.55120	56456.18750	505022.2	5410328.8
L5020.0	505022.2	5410330.1	21281.69922	373.97	0	48.845921	-86.931547	56381.29	56220.1	29.89	56411.19	56430.28125	56382.63899	56455.38281	505022.2	5410330.1
L5020.0	505022.2	5410330.1	21281.90039	373.01	0	48.845921	-86.931547	56382.75	56220.1	29.90	56412.64	56431.75391	56385.14431	56457.97656	505022.2	5410330.1
L5020.0	505022.2	5410331.3	21282.00000	374.50	0	48.845932	-86.931547	56384.36	56220.1	29.90	56414.26	56433.38672	56391.54463	56464.44141	505022.2	5410331.3
L5020.0	505022.2	5410332.9	21282.09961	371.75	0	48.845947	-86.931547	56385.50	56220.1	29.90	56415.40	56434.52734	56386.58786	56459.53125	505022.2	5410332.9
L5020.0	505022.2	5410334.7	21282.19922	373.58	0	48.845963	-86.931547	56387.24	56220.1	29.90	56417.14	56436.26172	56395.63681	56468.60547	505022.2	5410334.7
L5020.0	505022.2	5410334.7	21282.30078	374.60	0	48.845963	-86.931547	56388.70	56220.1	29.90	56418.60	56437.70703	56398.03958	56471.01172	505022.2	5410334.7
L5020.0	505022.2	5410336.0	21282.40039	371.85	0	48.845974	-86.931547	56390.07	56220.1	29.90	56419.97	56439.04688	56398.26437	56471.21484	505022.2	5410336.0
L5020.0	505022.2	5410337.3	21282.50000	370.64	0	48.845987	-86.931547	56391.98	56220.1	29.90	56421.88	56440.92188	56411.10906	56484.01953	505022.2	5410337.3
L5020.0	505022.2	5410337.3	21282.59961	369.69	0	48.845987	-86.931547	56393.44	56220.1	29.90	56423.34	56442.33594	56413.33885	56486.18750	505022.2	5410337.3
L5020.0	505022.3	5410338.9	21282.69922	370.19	0	48.846001	-86.931547	56395.00	56220.1	29.90	56424.90	56443.83984	56417.87310	56490.63281	505022.3	5410338.9
L5020.0	505022.3	5410341.3	21282.80078	372.46	0	48.846022	-86.931547	56396.27	56220.1	29.90	56426.17	56445.03906	56415.56270	56488.21094	505022.3	5410341.3
L5020.0	505022.3	5410341.3	21282.90039	374.33	0	48.846022	-86.931547	56397.73	56220.1	29.90	56427.63	56446.42188	56417.68313	56490.19922	505022.3	5410341.3
L5020.0	505022.3	5410342.2	21283.00000	374.56	0	48.846031	-86.931547	56399.21	56220.1	29.90	56429.11	56447.81250	56420.24967	56492.60938	505022.3	5410342.2
L5020.0	505022.3	5410343.6	21283.09961	374.25	0	48.846043	-86.931547	56400.62	56220.1	29.90	56430.52	56449.12500	56421.15540	56493.33203	505022.3	5410343.6
L5020.0	505022.3	5410345.4	21283.19922	376.97	0	48.846059	-86.931547	56402.09	56220.1	29.91	56432.00	56450.49609	56423.69277	56495.66406	505022.3	5410345.4

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5020.0	505022.2	5410347.3	21283.30078	376.28	0	48.846076	-86.931547	56403.73	56220.1	29.91	56433.64	56452.01563	56429.98002	56501.71875	505022.2	5410347.3
L5020.0	505022.2	5410347.3	21283.40039	375.25	0	48.846076	-86.931547	56405.16	56220.1	29.91	56435.07	56453.31250	56431.33567	56502.82031	505022.2	5410347.3
L5020.0	505022.2	5410348.7	21283.50000	375.40	0	48.846089	-86.931547	56406.48	56220.1	29.92	56436.40	56454.50000	56430.34671	56501.55078	505022.2	5410348.7
L5020.0	505022.2	5410350.2	21283.59961	372.20	0	48.846102	-86.931547	56408.22	56220.1	29.92	56438.14	56456.08594	56438.99044	56509.88672	505022.2	5410350.2
L5020.0	505022.2	5410351.7	21283.69922	373.92	0	48.846116	-86.931547	56409.34	56220.1	29.92	56439.26	56457.03906	56433.08937	56503.64844	505022.2	5410351.7
L5020.0	505022.2	5410351.7	21283.69922	373.92	0	48.846116	-86.931547	56410.77	56220.1	29.92	56440.69	56458.29297	56434.48017	56504.67969	505022.2	5410351.7
L5020.0	505022.2	5410353.8	21283.90039	370.42	0	48.846135	-86.931547	56412.36	56220.1	29.93	56442.28	56459.69531	56439.64402	56509.46094	505022.2	5410353.8
L5020.0	505022.2	5410353.8	21284.00000	366.87	0	48.846135	-86.931547	56413.96	56220.1	29.93	56443.89	56461.10547	56445.29637	56514.69922	505022.2	5410353.8
L5020.0	505022.2	5410355.3	21284.09961	368.12	0	48.846148	-86.931548	56415.57	56220.1	29.93	56445.50	56462.50391	56450.96936	56519.93359	505022.2	5410355.3
L5020.0	505022.2	5410356.9	21284.19922	366.72	0	48.846163	-86.931548	56417.58	56220.1	29.93	56447.51	56464.29297	56466.05488	56534.55078	505022.2	5410356.9
L5020.0	505022.2	5410356.9	21284.30078	367.34	0	48.846163	-86.931548	56418.98	56220.1	29.93	56448.91	56465.45703	56466.84193	56534.84375	505022.2	5410356.9
L5020.0	505022.1	5410358.7	21284.40039	365.81	0	48.846179	-86.931548	56420.11	56220.1	29.93	56450.04	56466.34375	56461.31267	56528.79688	505022.1	5410358.7
L5020.0	505022.1	5410360.5	21284.50000	365.00	0	48.846195	-86.931548	56421.80	56220.1	29.93	56451.72	56467.76953	56468.71760	56535.65234	505022.1	5410360.5
L5020.0	505022.1	5410361.9	21284.59961	366.91	0	48.846208	-86.931549	56423.05	56220.1	29.92	56452.97	56468.75000	56466.04832	56532.40625	505022.1	5410361.9
L5020.0	505022.1	5410361.9	21284.69922	370.45	0	48.846208	-86.931549	56424.35	56220.1	29.92	56454.27	56469.76953	56464.57203	56530.32422	505022.1	5410361.9
L5020.0	505022.1	5410363.9	21284.80078	374.08	0	48.846226	-86.931549	56426.54	56220.1	29.92	56456.46	56471.67188	56484.00703	56549.12891	505022.1	5410363.9
L5020.0	505022.1	5410363.9	21284.90039	374.37	0	48.846226	-86.931549	56427.51	56220.1	29.92	56457.43	56472.33984	56474.81432	56539.27734	505022.1	5410363.9
L5020.0	505022.1	5410365.2	21285.00000	371.48	0	48.846237	-86.931549	56429.48	56220.1	29.92	56459.40	56473.99609	56489.10908	56552.88281	505022.1	5410365.2
L5020.0	505022.1	5410366.8	21285.09961	372.53	0	48.846252	-86.931549	56430.57	56220.1	29.92	56460.50	56474.77344	56482.98561	56546.04297	505022.1	5410366.8
L5020.0	505022.0	5410368.2	21285.19922	374.61	0	48.846265	-86.931549	56432.16	56220.1	29.92	56462.08	56476.01563	56488.13305	56550.44922	505022.0	5410368.2
L5020.0	505022.0	5410368.2	21285.30078	373.31	0	48.846265	-86.931549	56433.38	56220.1	29.93	56463.31	56476.90234	56485.06048	56546.60547	505022.0	5410368.2
L5020.0	505022.0	5410369.7	21285.40039	373.26	0	48.846277	-86.931549	56435.29	56220.1	29.93	56465.22	56478.45313	56497.94334	56558.68750	505022.0	5410369.7
L5020.0	505022.0	5410371.4	21285.50000	373.39	0	48.846293	-86.931549	56436.95	56220.1	29.93	56466.88	56479.74609	56504.94191	56564.85938	505022.0	5410371.4
L5020.0	505022.0	5410371.4	21285.59961	372.71	0	48.846293	-86.931549	56438.11	56220.1	29.93	56468.04	56480.52734	56500.18019	56559.24219	505022.0	5410371.4
L5020.0	505022.0	5410373.6	21285.69922	372.57	0	48.846313	-86.931549	56440.20	56220.1	29.93	56470.13	56482.23047	56517.22277	56575.40234	505022.0	5410373.6
L5020.0	505022.0	5410375.0	21285.69922	372.57	0	48.846326	-86.931549	56441.52	56220.1	29.93	56471.46	56483.16016	56516.38598	56573.65234	505022.0	5410375.0
L5020.0	505022.0	5410375.0	21285.90039	375.12	0	48.846326	-86.931549	56443.11	56220.1	29.94	56473.04	56484.33203	56521.37316	56577.70313	505022.0	5410375.0
L5020.0	505022.0	5410376.5	21286.00000	371.03	0	48.846339	-86.931549	56444.13	56220.1	29.94	56474.07	56484.94141	56513.39412	56568.75781	505022.0	5410376.5
L5020.0	505022.0	5410378.2	21286.09961	372.22	0	48.846354	-86.931549	56445.94	56220.1	29.94	56475.88	56486.32031	56523.66390	56578.03516	505022.0	5410378.2
L5020.0	505022.0	5410378.2	21286.19922	373.40	0	48.846354	-86.931549	56447.63	56220.1	29.95	56477.57	56487.57031	56531.04380	56584.39453	505022.0	5410378.2
L5020.0	505022.1	5410380.2	21286.30078	372.53	0	48.846372	-86.931549	56448.90	56220	29.95	56478.85	56488.40234	56528.71563	56581.01953	505022.1	5410380.2
L5020.0	505022.1	5410381.4	21286.40039	373.54	0	48.846383	-86.931549	56450.76	56220	29.96	56480.71	56489.80469	56539.91120	56591.14453	505022.1	5410381.4
L5020.0	505022.1	5410383.0	21286.50000	371.75	0	48.846398	-86.931549	56451.86	56220	29.96	56481.82	56490.44531	56533.39578	56583.53125	505022.1	5410383.0
L5020.0	505022.1	5410384.5	21286.59961	371.77	0	48.846411	-86.931548	56453.52	56220	29.96	56483.48	56491.62891	56539.67845	56588.68750	505022.1	5410384.5
L5020.0	505022.1	5410384.5	21286.69922	371.27	0	48.846411	-86.931548	56455.28	56220	29.97	56485.25	56492.91406	56548.41837	56596.27734	505022.1	5410384.5
L5020.0	505022.1	5410386.1	21286.80078	371.65	0	48.846426	-86.931548	56456.56	56220	29.97	56486.53	56493.70313	56545.51821	56592.20313	505022.1	5410386.1
L5020.0	505022.1	5410387.3	21286.90039	372.91	0	48.846436	-86.931548	56458.26	56220	29.98	56488.24	56494.91016	56552.56532	56598.05078	505022.1	5410387.3
L5020.0	505022.1	5410388.8	21287.00000	369.42	0	48.846449	-86.931548	56459.90	56220	29.98	56489.88	56496.03906	56557.80982	56602.07422	505022.1	5410388.8
L5020.0	505022.1	5410388.8	21287.09961	370.82	0	48.846449	-86.931548	56461.36	56220	29.98	56491.34	56496.98438	56558.65777	56601.67188	505022.1	5410388.8
L5020.0	505022.1	5410390.2	21287.19922	373.55	0	48.846462	-86.931548	56463.16	56220	29.98	56493.15	56498.26953	56567.54038	56609.28516	505022.1	5410390.2
L5020.0	505022.1	5410390.2	21287.30078	372.20	0	48.846462	-86.931548	56464.21	56220	29.99	56494.20	56498.78516	56558.38690	56598.83984	505022.1	5410390.2
L5020.0	505022.1	5410392.4	21287.40039	371.92	0	48.846482	-86.931548	56465.95	56220	29.99	56495.93	56499.97656	56564.99264	56604.12891	505022.1	5410392.4
L5020.0	505022.1	5410394.1	21287.50000	371.00	0	48.846497	-86.931548	56467.45	56220	29.99	56497.44	56500.94141	56566.21723	56604.01563	505022.1	5410394.1
L5020.0	505022.2	5410395.9	21287.59961	372.27	0	48.846514	-86.931547	56468.73	56220	29.99	56498.72	56501.66797	56561.81489	56598.25391	505022.2	5410395.9
L5020.0	505022.2	5410397.6	21287.69922	370.54	0	48.846529	-86.931547	56470.44	56220	29.99	56500.43	56502.82031	56567.26960	56602.32813	505022.2	5410397.6
L5020.0	505022.2	5410397.6	21287.69922	370.54	0	48.846529	-86.931547	56471.71	56220	29.99	56501.71	56503.53906	56562.38083	56596.04297	505022.2	5410397.6
L5020.0	505022.2	5410397.6	21287.90039	370.84	0	48.846529	-86.931547	56473.40	56220	30.00	56503.40	56504.66016	56566.85907	56599.10547	505022.2	5410397.6
L5020.0	505022.2	5410399.6	21288.00000	369.87	0	48.846547	-86.931547	56474.75	56220	30.00	56504.75	56505.43750	56563.08703	56593.89453	505022.2	5410399.6
L5020.0	505022.2	5410401.1	21288.09961	368.96	0	48.846560	-86.931547	56476.31	56220	30.00	56506.31	56506.42188	56563.96782	56593.32031	505022.2	5410401.1
L5020.0	505022.2	5410401.1	21288.19922	371.10	0	48.846560	-86.931547	56478.20	56220	30.00	56508.20	56507.73047	56572.31003	56600.19141	505022.2	5410401.1
L5020.0	505022.2	5410402.8	21288.30078	373.19	0	48.846575	-86.931547	56479.32	56220	30.00	56509.32	56508.26172	56562.28110	56588.67578	505022.2	5410402.8
L5020.0	505022.2	5410404.5	21288.40039	371.97	0	48.846590	-86.931547	56481.31	56220	30.00	56511.32	56509.67578	56572.61042	56597.50391	505022.2	5410404.5
L5020.0	505022.2	5410406.1	21288.50000	370.03	0	48.846605	-86.931547	56482.46	56220	30.01	56512.46	56510.22266	56562.44162	56585.81641	505022.2	5410406.1
L5020.0	505022.2	5410406.1	21288.59961	369.27	0	48.846605	-86.931547	56484.24	56220	30.01	56514.25	56511.41797	56567.21881	56589.06250	505022.2	5410406.1
L5020.0	505022.2	5410407.6	21288.69922	370.50	0	48.846619	-86.931546	56485.72	56220	30.01	56515.73	56512.30078	56564.39912	56584.69922	505022.2	5410407.6
L5020.0	505022.2	5410409.3	21288.80078	371.77	0	48.846634	-86.931546	56487.00	56220	30.01	56517.00	56512.97266	56556.32601	56575.07031	505022.2	5410409.3
L5020.0	505022.2	5410409.3	21288.90039	370.81	0	48.846634	-86.931546	56488.79	56220	30.01	56518.79	56514.16406	56560.13427	56577.31250	505022.2	5410409.3
L5020.0	505022.2	5410411.0	21289.00000	370.04	0	48.846650	-86.931546	56490.24	56220	30.01	56520.25	56515.02344	56555.86627	56571.46875	505022.2	5410411.0
L5020.0	505022.2	5410412.7	21289.09961	370.61	0	48.846665	-86.931546	56491.95	56220	30.01	56521.96	56516.13281	56557.13728	56571.15234	505022.2	5410412.7
L5020.0	505022.2	5410412.7	21289.19922	369.23	0	48.846665	-86.931546	56493.46	56220	30.01	56523.47	56517.04297	56553.38253	56565.80078	505022.2	5410412.7
L5020.0	505022.3	5410415.8	21289.30078	368.89	0	48.846692	-86.931546	56495.27	56220	30.01	56525.28	56518.25391	56556.34134	56567.15625	505022.3	5410415.8
L5020.0	505022.3	5410415.8	21289.40039	372.28	0	48.846692	-86.931546	56496.34	56220	30.01	56526.35	56518.72266	56541.59990	56550.80859	505022.3	5410415.8
L5020.0	505022.3	5410417.5	21289.50000	372.87	0	48.846708	-86.931546	56498.34	56220	30.01	56528.35	56520.12500	56548.36784	56555.96484	505022.3	5410417.5
L5020.0	505022.3	5410417.5	21289.59961	372.42	0	48.846708	-86.931546	56499.18	56220	30.02	56529.19	56520.36719	56527.58316	56533.56250	505022.3	5410417.5
L5020.0	505022.3	5410418.8	21289.69922	370.58	0	48.846720	-86.931546	56501.32	56220	30.02	56531.34	56521.92578	56537.23952	56541.59766	505022.3	5410418.8
L5020.0	505022.3	5410420.0	21289.69922	370.58	0	48.846730	-86.931545	56502.32	56220	30.02	56532.33	56522.32031	56519.35636	56522.09375	505022.3	5410420.0
L5020.0	505022.3	5410421.9	21289.80078	369.83	0	48.846747	-86.931545	56504.36	56220	30.02	56534.37	56523.77344	56525.82609	56526.94141	505022.3	5410421.9
L5020.0	505022.3	5410421.9	21290.00000	371.20	0	48.846747	-86.931545	56506.06	56220	30.02	56536.08	56524.89844	56524.26067	56523.75781	505022.3	5410421.9
L5020.0	505022.3	5410423.4	21290.09961	371.20	0	48.846760	-86.931545	56507.46	56220	30.02	56537.49	56525.72656	56515.37586	56513.25000	505022.3	5410423.4
L5020.0	505022.3	5410425.0	21290.19922	371.52	0	48.846775	-86.931545	56509.51	56220	30.03	56539.54	56527.20313	56521.25279	56517.50781	505022.3	5410425.0
L5020.0	505022.3	5410425.0	21290.30078	371.48	0	48.846775	-86.931545	56510.84	56220	30.03	56540.87	56527.96094	56509.97737	56504.62109	505022.3	5410425.0
L5020.0	505022.3	5410426.2	21290.40039	368.87	0	48.846786	-86.931545	56513.00	56220	30.03	56543.04	56529.56250	56518.18935	56511.22266	505022.3	5410426.2
L5020.0	505022.3	5410428.1	21290.50000	370.29	0	48.846803	-86.931545	56514.56	56220	30.04	56544.60	56530.56250	56511.86477	56503.29688	505022.3	5410428.1
L5020.0	505022.3	5410429.5	21290.59961	371.42	0	48.846816	-86.931545	56516.35	56220	30.04	56546.39	56531.80078	56510.74312	56500.58203	505022.3	5410429.5
L5020.0	505022.3	5410430.8	21290.69922	369.32	0	48.846827	-86.931545	56517.86	56220	30.04	56547.90	56532.76172	56502.87174	56491.12109	505022.3	5410430.8
L5020.0	505022.3	5410430.8	21290.80078	371.06	0	48.846827	-86.931545	56519.97	56220	30.04	56550.02	56534.34375	56509.16707	56495.84375	505022.3	5410430.8
L5020.0	505022.3	5410432.9	21290.90039	370.40	0	48.846847	-86.931545	56521.56	56220	30.05	56551.60	56535.39063	56502.65438	56487.76563	505022.3	5410432.9
L5020.0	505022.3	5410432.9	21291.00000	372.12	0	48.846847	-86.931545	56523.29	56219.9	30.05	56553.34	56536.60938	56499.79263	56483.35156	505022.3	5410432.9
L5020.0	505022.3	5410434.4	21291.09961	372.60	0	48.846860	-86.931545	56525.16	56219.9	30.05	56555.21	56537.96484	56499.90422	56481.92188	505022.3	5410434.4
L5020.0	505022.3	5410436.1	21291.19922	369.30	0	48.846875	-86.931545	56526.92	56219.9	30.05	56556.97	56539.21875	56497.38299	56477.87891	505022.3	5410436.1
L5020.0	505022.3	5410436.1	21291.30078	369.61	0	48.846875	-86.931545	56529.49	56219.9	30.06	56559.55	56541.30078	56514.09216	56493.07813	505022.3	5410436.1
L5020.0	505022.3	5410437.7	21291.40039	368.09	0	48.846889	-86.931544	56530.79	56219.9	30.06	56560.85	56542.11328	56500.76166	56478.25781	505022.3	5410437.7
L5020.0	505022.4	5410439.6	21291.50000	367.14	0	48.846907	-86.931544	56532.89	56219.9	30.06	56562.95	56543.73828	56506.25608	56482.28125	505022.4	5410439.6
L5020.0	505022.4	5410440.9	21291.59961	371.74	0	48.846918	-86.931544	56534.88	56219.9	30.06	56564.94	56545.26172	56509.24573	56483.81641	505022.4	5410440.9
L5020.0	505022.4	5410440.9	21291.69922	371.99	0	48.846918	-86.931544	56537.05	56219.9	30.06	56567.11	56546.98047	56516.57453	56489.71484	505022.4	5410440.9
L5020.0	505022.4	5410442.7	21291.69922	371.99	0	48.846934	-86.931544	56539.04	56219.9	30.06	56569.10	56548.52734	56519.82786	56491.55859	505022.4	5410442.7
L5020.0	505022.3	5410444.2	21291.90039	375.75	0	48.846948	-86.931544	56541.18	56219.9	30.07	56571.25	56550.24609	56527.02623	56497.37500	505022.3	5410444.2
L5020.0	505022.3	5410444.2	21292.00000	375.12	0	48.846948	-86.931544	56542.56	56219.9	30.07	56572.63	56551.21094	56516.37589	56485.36328	505022.3	5410444.2
L5020.0	505022.3	5410445.4	21292.09961	373.85	0	48.846959	-86.931544	56544.88	56219.9	30.07	56574.95	56553.12500	56528.06317	56495.71484	505022.3	5410445.4
L5020.0	505022.3	5410447.1	21292.19922	368.80	0	48.846974	-86.931544	56546.88	56219.9	30.07	56576.95	56554.73438	56532.54945	56498.89063	505022.3	5410447.1
L5020.0	505022.3	5410448.9	21292.30078	368.28	0	48.846990	-86.931544	56549.20	56219.9	30.07	56579.26	56556.66797	56544.66843	56509.73047	505022.3	5410448.9
L5020.0	505022.3	5410448.9	21292.40039	367.73	0	48.846990	-86.931544	56551.18	56219.9	30.07	56581.25	56558.29297	56549.67415	56513.48828	505022.3	5410448.9
L5020.0	505022.3	5410450.6	21292.50000	369.43	0	48.847005	-86.931544	56553.25	56219.9	30.07	56583.32	56560.01563	56557.00277	56519.59766	505022.3	5410450.6

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5020.0	505022.3	5410452.2	21292.59961	370.24	0	48.847020	-86.931544	56555.42	56219.9	30.07	56585.49	56561.85156	56567.17027	56528.57813	505022.3	5410452.2
L5020.0	505022.3	5410452.2	21292.69922	370.65	0	48.847020	-86.931544	56557.70	56219.9	30.07	56587.76	56563.80078	56580.22394	56540.47656	505022.3	5410452.2
L5020.0	505022.3	5410453.7	21292.80078	371.09	0	48.847034	-86.931544	56559.71	56219.9	30.07	56589.78	56565.51563	56587.99502	56547.12500	505022.3	5410453.7
L5020.0	505022.3	5410455.3	21292.90039	369.44	0	48.847048	-86.931544	56562.08	56219.9	30.07	56592.15	56567.59766	56604.61851	56562.66406	505022.3	5410455.3
L5020.0	505022.3	5410456.8	21293.00000	372.15	0	48.847061	-86.931544	56563.87	56219.9	30.07	56593.94	56569.11719	56608.31048	56565.30469	505022.3	5410456.8
L5020.0	505022.3	5410456.8	21293.09961	376.56	0	48.847061	-86.931544	56566.42	56219.9	30.07	56596.49	56571.41016	56630.58001	56586.56250	505022.3	5410456.8
L5020.0	505022.3	5410458.5	21293.19922	374.59	0	48.847077	-86.931544	56568.44	56219.9	30.08	56598.51	56573.19141	56641.19261	56596.19922	505022.3	5410458.5
L5020.0	505022.3	5410460.3	21293.30078	371.40	0	48.847093	-86.931544	56570.58	56219.9	30.08	56600.66	56575.12109	56655.69400	56609.76563	505022.3	5410460.3
L5020.0	505022.3	5410461.8	21293.40039	371.51	0	48.847106	-86.931544	56572.50	56219.9	30.08	56602.58	56576.83594	56665.68386	56618.85938	505022.3	5410461.8
L5020.0	505022.3	5410463.3	21293.50000	370.60	0	48.847120	-86.931544	56574.62	56219.9	30.08	56604.70	56578.76953	56681.30877	56633.62891	505022.3	5410463.3
L5020.0	505022.3	5410463.3	21293.59961	369.89	0	48.847120	-86.931544	56576.55	56219.9	30.09	56606.64	56580.53906	56693.69923	56645.20703	505022.3	5410463.3
L5020.0	505022.3	5410463.3	21293.69922	370.80	0	48.847120	-86.931544	56579.29	56219.9	30.09	56609.38	56583.12891	56725.91421	56676.65234	505022.3	5410463.3
L5020.0	505022.3	5410465.8	21293.69922	370.80	0	48.847142	-86.931545	56580.86	56219.9	30.09	56610.95	56584.56641	56731.75598	56681.76563	505022.3	5410465.8
L5020.0	505022.3	5410468.6	21293.90039	370.67	0	48.847168	-86.931545	56583.24	56219.9	30.10	56613.33	56586.83203	56757.76010	56707.08984	505022.3	5410468.6
L5020.0	505022.3	5410468.6	21294.00000	372.45	0	48.847168	-86.931545	56585.49	56219.9	30.10	56615.59	56588.99609	56782.14429	56730.83594	505022.3	5410468.6
L5020.0	505022.3	5410470.1	21294.09961	374.33	0	48.847181	-86.931544	56587.01	56219.9	30.10	56617.11	56590.43750	56790.40366	56738.50391	505022.3	5410470.1
L5020.0	505022.3	5410471.5	21294.19922	373.76	0	48.847194	-86.931544	56589.46	56219.9	30.10	56619.57	56592.83984	56822.02958	56769.58203	505022.3	5410471.5
L5020.0	505022.3	5410471.5	21294.30078	371.91	0	48.847194	-86.931544	56591.22	56219.9	30.10	56621.33	56594.55859	56838.56971	56785.62500	505022.3	5410471.5
L5020.0	505022.3	5410473.3	21294.40039	370.83	0	48.847209	-86.931544	56593.39	56219.9	30.10	56623.50	56596.70703	56866.13233	56812.73828	505022.3	5410473.3
L5020.0	505022.3	5410474.5	21294.50000	366.71	0	48.847221	-86.931544	56594.95	56219.9	30.10	56625.06	56598.26563	56880.81920	56827.02344	505022.3	5410474.5
L5020.0	505022.3	5410474.5	21294.59961	367.87	0	48.847221	-86.931544	56596.67	56219.9	30.11	56626.77	56599.99609	56900.51998	56846.37109	505022.3	5410474.5
L5020.0	505022.3	5410476.3	21294.69922	371.85	0	48.847236	-86.931544	56598.14	56219.9	30.11	56628.25	56601.51172	56916.35966	56861.90625	505022.3	5410476.3
L5020.0	505022.3	5410477.9	21294.80078	371.49	0	48.847251	-86.931544	56599.93	56219.9	30.11	56630.03	56603.34766	56940.82607	56886.11719	505022.3	5410477.9
L5020.0	505022.3	5410477.9	21294.90039	371.56	0	48.847251	-86.931544	56601.21	56219.9	30.11	56631.32	56604.71484	56955.41634	56900.50391	505022.3	5410477.9
L5020.0	505022.4	5410479.7	21295.00000	371.45	0	48.847267	-86.931544	56603.12	56219.9	30.11	56633.23	56606.71875	56986.23227	56931.16797	505022.4	5410479.7
L5020.0	505022.4	5410481.6	21295.09961	370.84	0	48.847285	-86.931543	56604.68	56219.9	30.11	56634.79	56608.39453	57010.54239	56955.37109	505022.4	5410481.6
L5020.0	505022.4	5410483.5	21295.19922	373.01	0	48.847302	-86.931543	56605.64	56219.9	30.11	56635.76	56609.49609	57022.75177	56967.53125	505022.4	5410483.5
L5020.0	505022.4	5410483.5	21295.30078	371.90	0	48.847302	-86.931543	56607.25	56219.9	30.11	56637.36	56611.25000	57051.54002	56996.32031	505022.4	5410483.5
L5020.0	505022.4	5410485.1	21295.40039	369.27	0	48.847316	-86.931543	56607.94	56219.9	30.11	56638.05	56612.11328	57060.78895	57005.61719	505022.4	5410485.1
L5020.0	505022.5	5410486.6	21295.50000	370.24	0	48.847329	-86.931542	56609.38	56219.9	30.11	56639.49	56613.74609	57089.50440	57034.43750	505022.5	5410486.6
L5020.0	505022.5	5410486.6	21295.59961	370.75	0	48.847329	-86.931542	56610.27	56219.9	30.12	56640.38	56614.84766	57107.19884	57052.28516	505022.5	5410486.6
L5020.0	505022.5	5410488.1	21295.69922	371.86	0	48.847343	-86.931542	56611.13	56219.9	30.12	56641.25	56615.94922	57126.34535	57071.63672	505022.5	5410488.1
L5020.0	505022.5	5410489.3	21295.69922	371.86	0	48.847353	-86.931542	56611.85	56219.9	30.12	56641.96	56616.91016	57143.68540	57089.23828	505022.5	5410489.3
L5020.0	505022.5	5410491.1	21295.90039	371.16	0	48.847370	-86.931541	56612.62	56219.9	30.12	56642.74	56617.95703	57164.64474	57110.50781	505022.5	5410491.1
L5020.0	505022.5	5410491.1	21296.00000	372.76	0	48.847370	-86.931541	56612.89	56219.9	30.12	56643.01	56618.51563	57175.63056	57121.85156	505022.5	5410491.1
L5020.0	505022.5	5410493.0	21296.09961	374.91	0	48.847387	-86.931541	56613.00	56219.9	30.12	56643.12	56618.92969	57184.88122	57131.51563	505022.5	5410493.0
L5020.0	505022.5	5410494.8	21296.19922	377.90	0	48.847403	-86.931541	56613.58	56219.9	30.13	56643.70	56619.83594	57207.20615	57154.30469	505022.5	5410494.8
L5020.0	505022.5	5410494.8	21296.30078	380.36	0	48.847403	-86.931541	56613.27	56219.9	30.13	56643.40	56619.87891	57210.92814	57158.54297	505022.5	5410494.8
L5020.0	505022.5	5410496.7	21296.40039	379.66	0	48.847421	-86.931541	56613.54	56219.9	30.13	56643.67	56620.50781	57230.10262	57178.28516	505022.5	5410496.7
L5020.0	505022.6	5410498.0	21296.50000	375.08	0	48.847432	-86.931541	56613.30	56219.9	30.14	56643.43	56620.64844	57239.38599	57188.18359	505022.6	5410498.0
L5020.0	505022.6	5410498.0	21296.59961	373.64	0	48.847432	-86.931541	56612.82	56219.9	30.14	56642.96	56620.57422	57245.36047	57194.82422	505022.6	5410498.0
L5020.0	505022.6	5410499.8	21296.69922	375.70	0	48.847448	-86.931541	56612.34	56219.9	30.14	56642.48	56620.50781	57253.19700	57203.37500	505022.6	5410499.8
L5020.0	505022.6	5410501.3	21296.80078	374.00	0	48.847461	-86.931541	56611.84	56219.9	30.14	56641.98	56620.43750	57262.66406	57213.60938	505022.6	5410501.3
L5020.0	505022.6	5410503.0	21296.90039	374.82	0	48.847477	-86.931541	56610.55	56219.9	30.15	56640.70	56619.60547	57255.91972	57207.67969	505022.6	5410503.0
L5020.0	505022.6	5410503.0	21297.00000	372.87	0	48.847477	-86.931541	56609.98	56219.8	30.15	56640.13	56619.50000	57267.94209	57220.56250	505022.6	5410503.0
L5020.0	505022.6	5410504.2	21297.09961	372.33	0	48.847488	-86.931541	56608.53	56219.8	30.15	56638.68	56618.53125	57261.39779	57214.92969	505022.6	5410504.2
L5020.0	505022.6	5410505.9	21297.19922	374.40	0	48.847503	-86.931540	56607.38	56219.8	30.15	56637.53	56617.87500	57263.98136	57218.46875	505022.6	5410505.9
L5020.0	505022.6	5410505.9	21297.30078	376.14	0	48.847503	-86.931540	56605.90	56219.8	30.16	56636.05	56616.90625	57260.89139	57216.37891	505022.6	5410505.9
L5020.0	505022.6	5410507.9	21297.40039	374.44	0	48.847521	-86.931540	56604.32	56219.8	30.16	56634.48	56615.86328	57257.74841	57214.28516	505022.6	5410507.9
L5020.0	505022.6	5410509.5	21297.50000	375.28	0	48.847535	-86.931540	56602.91	56219.8	30.16	56633.07	56614.99609	57260.40478	57218.03516	505022.6	5410509.5
L5020.0	505022.6	5410510.9	21297.59961	372.09	0	48.847548	-86.931540	56601.28	56219.8	30.16	56631.44	56613.91797	57259.91954	57218.68359	505022.6	5410510.9
L5020.0	505022.6	5410512.7	21297.69922	369.63	0	48.847564	-86.931540	56598.91	56219.8	30.16	56629.08	56612.12891	57244.29683	57204.24219	505022.6	5410512.7
L5020.0	505022.6	5410512.7	21297.69922	369.63	0	48.847564	-86.931540	56597.09	56219.8	30.16	56627.26	56610.89453	57243.32666	57204.49219	505022.6	5410512.7
L5020.0	505022.6	5410514.2	21297.90039	367.17	0	48.847578	-86.931540	56594.83	56219.8	30.17	56625.00	56609.23047	57233.97327	57196.40234	505022.6	5410514.2
L5020.0	505022.6	5410514.2	21298.00000	368.76	0	48.847578	-86.931540	56592.35	56219.8	30.17	56622.52	56607.35938	57221.37023	57185.09766	505022.6	5410514.2
L5020.0	505022.6	5410515.8	21298.09961	370.43	0	48.847592	-86.931540	56590.18	56219.8	30.17	56620.35	56605.80859	57217.92609	57182.99609	505022.6	5410515.8
L5020.0	505022.6	5410517.4	21298.19922	370.33	0	48.847607	-86.931540	56586.96	56219.8	30.17	56617.14	56603.23438	57191.91017	57158.35938	505022.6	5410517.4
L5020.0	505022.6	5410517.4	21298.30078	371.06	0	48.847607	-86.931540	56584.54	56219.8	30.17	56614.71	56601.44922	57186.01058	57153.87500	505022.6	5410517.4
L5020.0	505022.6	5410518.9	21298.40039	374.41	0	48.847620	-86.931540	56581.40	56219.8	30.17	56611.58	56598.97266	57165.43917	57134.75781	505022.6	5410518.9
L5020.0	505022.6	5410520.7	21298.50000	379.37	0	48.847636	-86.931540	56578.56	56219.8	30.17	56608.74	56596.80078	57153.39289	57124.19531	505022.6	5410520.7
L5020.0	505022.5	5410522.5	21298.59961	374.92	0	48.847652	-86.931541	56575.15	56219.8	30.18	56605.33	56594.06641	57129.63395	57101.95703	505022.5	5410522.5
L5020.0	505022.5	5410522.5	21298.69922	371.56	0	48.847652	-86.931541	56571.96	56219.8	30.18	56602.13	56591.55469	57112.42404	57086.30078	505022.5	5410522.5
L5020.0	505022.5	5410524.0	21298.80078	370.45	0	48.847666	-86.931541	56568.13	56219.8	30.18	56598.31	56588.42969	57082.22463	57057.68359	505022.5	5410524.0
L5020.0	505022.5	5410525.8	21298.90039	371.26	0	48.847682	-86.931541	56564.92	56219.8	30.18	56595.10	56585.92188	57067.85713	57044.92969	505022.5	5410525.8
L5020.0	505022.5	5410527.2	21299.00000	371.94	0	48.847695	-86.931541	56561.26	56219.8	30.18	56591.44	56582.97266	57044.37860	57023.09375	505022.5	5410527.2
L5020.0	505022.5	5410527.2	21299.09961	372.97	0	48.847695	-86.931541	56557.41	56219.8	30.18	56587.59	56579.84375	57017.83333	56998.21484	505022.5	5410527.2
L5020.0	505022.5	5410529.0	21299.19922	370.85	0	48.847710	-86.931541	56553.92	56219.8	30.18	56584.10	56577.07813	57001.07172	56983.14844	505022.5	5410529.0
L5020.0	505022.5	5410530.7	21299.30078	369.43	0	48.847727	-86.931542	56549.63	56219.8	30.18	56579.81	56573.51953	56966.79672	56950.59375	505022.5	5410530.7
L5020.0	505022.4	5410532.0	21299.40039	369.93	0	48.847738	-86.931542	56546.36	56219.8	30.18	56576.55	56571.00000	56957.90506	56943.44531	505022.4	5410532.0
L5020.0	505022.4	5410533.8	21299.50000	370.94	0	48.847754	-86.931542	56541.67	56219.8	30.18	56571.85	56567.04297	56916.34121	56903.64453	505022.4	5410533.8
L5020.0	505022.4	5410533.8	21299.59961	370.23	0	48.847754	-86.931542	56537.81	56219.8	30.19	56568.00	56563.94141	56895.79761	56884.88672	505022.4	5410533.8
L5020.0	505022.4	5410535.0	21299.69922	368.45	0	48.847765	-86.931542	56533.32	56219.8	30.19	56563.51	56560.20313	56861.22263	56852.11328	505022.4	5410535.0
L5020.0	505022.4	5410536.5	21299.69922	368.45	0	48.847779	-86.931543	56529.19	56219.8	30.19	56559.38	56556.83203	56836.02042	56828.73438	505022.4	5410536.5
L5020.0	505022.4	5410536.5	21299.90039	368.18	0	48.847779	-86.931543	56524.97	56219.8	30.19	56555.16	56553.37109	56809.55227	56804.10156	505022.4	5410536.5
L5020.0	505022.4	5410538.3	21300.00000	366.79	0	48.847795	-86.931543	56520.28	56219.8	30.19	56550.47	56549.44531	56772.82159	56769.22266	505022.4	5410538.3
L5020.0	505022.3	5410539.8	21300.09961	368.76	0	48.847808	-86.931543	56516.42	56219.8	30.19	56546.61	56546.34766	56756.27165	56754.53516	505022.3	5410539.8
L5020.0	505022.3	5410541.3	21300.19922	367.67	0	48.847822	-86.931543	56511.50	56219.8	30.19	56541.69	56542.19531	56715.45359	56715.59375	505022.3	5410541.3
L5020.0	505022.3	5410541.3	21300.30078	365.83	0	48.847822	-86.931543	56507.42	56219.8	30.20	56537.61	56538.88281	56694.89481	56696.92188	505022.3	5410541.3
L5020.0	505022.3	5410543.1	21300.40039	363.73	0	48.847837	-86.931544	56502.52	56219.8	30.20	56532.72	56534.76172	56655.77914	56659.69922	505022.3	5410543.1
L5020.0	505022.3	5410545.1	21300.50000	366.26	0	48.847856	-86.931544	56497.92	56219.8	30.20	56528.12	56530.92969	56623.85106	56629.67578	505022.3	5410545.1
L5020.0	505022.3	5410545.1	21300.59961	367.41	0	48.847856	-86.931544	56493.58	56219.8	30.20	56523.78	56527.35547	56598.32567	56606.05859	505022.3	5410545.1
L5020.0	505022.2	5410547.6	21300.69922	367.50	0	48.847878	-86.931544	56489.04	56219.8	30.20	56519.25	56523.59375	56568.55738	56578.19922	505022.2	5410547.6
L5020.0	505022.2	5410548.6	21300.80078	369.26	0	48.847887	-86.931545	56484.32	56219.8	30.21	56514.53	56519.63672	56534.46494	56546.02344	505022.2	5410548.6
L5020.0	505022.2	5410548.6	21300.90039	369.98	0	48.847887	-86.931545	56480.14	56219.8	30.21	56510.35	56516.21875	56513.10502	56526.57813	505022.2	5410548.6
L5020.0	505022.2	5410550.4	21301.00000	368.20	0	48.847903	-86.931545	56475.23	56219.8	30.21	56505.44	56512.07031	56474.58062	56489.96875	505022.2	5410550.4
L5020.0	505022.2	5410551.9	21301.09961	366.97	0	48.847917	-86.931545	56471.16	56219.8	30.21	56501.36	56508.74609	56455.43435	56472.73438	505022.2	5410551.9
L5020.0	505022.2	5410551.9	21301.19922	366.98	0	48.847917	-86.931545	56466.07	56219.8	30.20	56496.28	56504.41797	56412.62257	56431.83594	505022.2	5410551.9
L5020.0	505022.2	5410553.9	21301.30078	369.54	0	48.847935	-86.931545	56462.02	56219.8	30.20	56492.22	56501.10938	56393.48790	56414.60547	505022.2	5410553.9
L5020.0	505022.2	5410556.1	21301.40039	370.63	0	48.847954	-86.931545	56457.12	56219.8	30.20	56487.32	56496.95313	56354.28334	56377.30078	505022.2	5410556.1
L5020.0	505022.2	5410556.1	21301.50000	369.38	0	48.847954	-86.931545	56452.88	56219.8	30.19	56483.07	56493.44141	56329.90998	56354.82031	505022.2	5410556.1
L5020.0	505022.2	5410557.6	21301.59961	372.24	0	48.847968	-86.931545	56448.36	56219.8	30.19	56478.56	56489.66406	56298.92528	56325.71875	505022.2	5410557.6
L5020.0	505022.1	5410559.1	21301.69922	372.88	0	48.847982	-86.931546	56444.13	56219.8	30.19	56474.32	56486.15234	56273.69431	56302.35938	505022.1	5410559.1
L5020.0	505022.1	5410561.2	21301.69922	372.88	0	48.848000	-86.931546	56439.51	56219.8	30.19	56469.70	56482.25000	56238.88048	56269.40625	505022.1	5410561.2

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5020.0	505022.1	5410561.2	21301.90039	375.66	0	48.848000	-86.931546	56435.50	56219.8	30.18	56465.68	56478.94531	56217.41567	56249.78906	505022.1	5410561.2
L5020.0	505022.1	5410562.9	21302.00000	373.62	0	48.848016	-86.931546	56431.14	56219.8	30.18	56461.32	56475.28906	56187.15749	56221.36328	505022.1	5410562.9
L5020.0	505022.1	5410564.6	21302.09961	372.63	0	48.848031	-86.931546	56427.36	56219.8	30.18	56457.54	56472.20703	56169.63193	56205.65625	505022.1	5410564.6
L5020.0	505022.1	5410564.6	21302.19922	374.01	0	48.848031	-86.931546	56423.30	56219.8	30.18	56453.48	56468.83594	56144.57772	56182.40234	505022.1	5410564.6
L5020.0	505022.1	5410566.4	21302.30078	372.41	0	48.848048	-86.931546	56419.47	56219.8	30.18	56449.65	56465.68750	56123.89853	56163.50781	505022.1	5410566.4
L5020.0	505022.1	5410567.9	21302.40039	370.85	0	48.848061	-86.931546	56415.57	56219.8	30.18	56445.75	56462.45703	56100.48355	56141.85547	505022.1	5410567.9
L5020.0	505022.1	5410567.9	21302.50000	373.18	0	48.848061	-86.931546	56411.76	56219.8	30.18	56441.94	56459.30859	56078.02316	56121.13672	505022.1	5410567.9
L5020.0	505022.1	5410569.2	21302.59961	370.39	0	48.848072	-86.931546	56407.63	56219.8	30.18	56437.81	56455.82813	56046.82794	56091.66016	505022.1	5410569.2
L5020.0	505022.1	5410570.9	21302.69922	370.70	0	48.848088	-86.931546	56404.24	56219.8	30.18	56434.42	56453.07813	56031.72149	56078.25000	505022.1	5410570.9
L5020.0	505022.1	5410572.6	21302.80078	371.31	0	48.848103	-86.931546	56400.46	56219.8	30.18	56430.64	56449.92969	56006.11528	56054.31641	505022.1	5410572.6
L5020.0	505022.1	5410572.6	21302.90039	371.72	0	48.848103	-86.931546	56397.42	56219.8	30.18	56427.60	56447.50781	55996.48072	56046.32813	505022.1	5410572.6
L5020.0	505022.1	5410574.6	21303.00000	371.20	0	48.848121	-86.931546	56393.85	56219.8	30.18	56424.03	56444.54297	55972.94710	56024.41406	505022.1	5410574.6
L5020.0	505022.1	5410576.0	21303.09961	369.88	0	48.848134	-86.931546	56390.58	56219.8	30.18	56420.76	56441.86719	55954.94751	56008.00781	505022.1	5410576.0
L5020.0	505022.1	5410576.0	21303.19922	371.84	0	48.848134	-86.931546	56387.68	56219.8	30.18	56417.86	56439.55078	55944.07515	55998.69922	505022.1	5410576.0
L5020.0	505022.1	5410577.8	21303.30078	373.53	0	48.848150	-86.931545	56384.31	56219.8	30.19	56414.49	56436.75000	55920.56183	55976.71875	505022.1	5410577.8
L5020.0	505022.1	5410577.8	21303.40039	374.18	0	48.848150	-86.931545	56381.88	56219.8	30.19	56412.07	56434.88672	55917.69965	55975.36328	505022.1	5410577.8
L5020.0	505022.1	5410580.1	21303.50000	374.24	0	48.848170	-86.931545	56378.54	56219.8	30.19	56408.73	56432.08984	55891.54459	55950.67969	505022.1	5410580.1
L5020.0	505022.1	5410581.5	21303.59961	370.77	0	48.848183	-86.931545	56376.45	56219.8	30.19	56406.64	56430.53125	55893.00182	55953.57813	505022.1	5410581.5
L5020.0	505022.1	5410581.5	21303.69922	369.97	0	48.848183	-86.931545	56373.71	56219.8	30.19	56403.91	56428.32031	55877.66329	55939.64453	505022.1	5410581.5
L5020.0	505022.2	5410583.2	21303.69922	369.97	0	48.848198	-86.931545	56371.46	56219.8	30.19	56401.66	56426.57422	55871.78909	55935.14453	505022.2	5410583.2
L5020.0	505022.2	5410584.7	21303.90039	372.76	0	48.848212	-86.931545	56368.82	56219.8	30.20	56399.01	56424.41016	55854.68848	55919.38281	505022.2	5410584.7
L5020.0	505022.2	5410586.6	21304.00000	374.82	0	48.848229	-86.931545	56366.77	56219.8	30.20	56396.97	56422.84766	55850.04484	55916.04297	505022.2	5410586.6
L5020.0	505022.2	5410586.6	21304.09961	375.08	0	48.848229	-86.931545	56364.63	56219.8	30.20	56394.83	56421.16797	55841.16431	55908.42969	505022.2	5410586.6
L5020.0	505022.2	5410587.9	21304.19922	374.12	0	48.848240	-86.931545	56362.92	56219.8	30.20	56393.12	56419.90234	55840.46724	55908.96094	505022.2	5410587.9
L5020.0	505022.2	5410589.7	21304.30078	375.91	0	48.848256	-86.931545	56360.90	56219.8	30.20	56391.10	56418.31250	55830.56135	55900.25000	505022.2	5410589.7
L5020.0	505022.2	5410591.2	21304.40039	373.94	0	48.848270	-86.931545	56359.66	56219.8	30.20	56389.86	56417.48828	55837.01993	55907.86719	505022.2	5410591.2
L5020.0	505022.2	5410591.2	21304.50000	375.28	0	48.848270	-86.931545	56358.27	56219.8	30.20	56388.47	56416.50000	55837.99600	55909.96094	505022.2	5410591.2
L5020.0	505022.2	5410593.3	21304.59961	376.15	0	48.848289	-86.931545	56356.97	56219.8	30.20	56387.17	56415.58594	55839.11344	55912.15625	505022.2	5410593.3
L5020.0	505022.2	5410594.5	21304.69922	374.37	0	48.848300	-86.931545	56355.88	56219.8	30.20	56386.08	56414.86328	55843.18186	55917.26172	505022.2	5410594.5
L5020.0	505022.2	5410594.5	21304.80078	371.52	0	48.848300	-86.931545	56354.90	56219.8	30.20	56385.10	56414.23828	55847.84888	55922.92969	505022.2	5410594.5
L5020.0	505022.2	5410596.6	21304.90039	371.97	0	48.848319	-86.931545	56353.86	56219.8	30.20	56384.06	56413.53906	55849.12165	55925.16406	505022.2	5410596.6
L5020.0	505022.2	5410598.1	21305.00000	370.96	0	48.848332	-86.931545	56352.78	56219.8	30.20	56382.98	56412.78125	55847.47080	55924.43359	505022.2	5410598.1
L5020.0	505022.2	5410598.1	21305.09961	373.08	0	48.848332	-86.931545	56352.56	56219.8	30.20	56382.76	56412.86719	55864.02941	55941.87109	505022.2	5410598.1
L5020.0	505022.2	5410600.2	21305.19922	372.14	0	48.848352	-86.931545	56351.92	56219.8	30.20	56382.12	56412.51953	55868.75387	55947.43750	505022.2	5410600.2
L5020.0	505022.2	5410601.9	21305.30078	369.68	0	48.848366	-86.931545	56351.99	56219.8	30.20	56382.19	56412.86719	55888.18251	55967.66406	505022.2	5410601.9
L5020.0	505022.2	5410601.9	21305.40039	367.08	0	48.848366	-86.931545	56351.54	56219.8	30.20	56381.73	56412.66797	55893.21626	55973.45703	505022.2	5410601.9
L5020.0	505022.2	5410603.4	21305.50000	364.10	0	48.848380	-86.931545	56351.64	56219.8	30.19	56381.84	56413.02344	55909.69452	55990.65234	505022.2	5410603.4
L5020.0	505022.2	5410605.0	21305.59961	361.73	0	48.848394	-86.931545	56351.74	56219.8	30.19	56381.93	56413.33984	55923.78344	56005.41797	505022.2	5410605.0
L5020.0	505022.2	5410606.5	21305.69922	364.27	0	48.848408	-86.931545	56351.51	56219.8	30.19	56381.71	56413.33594	55928.69477	56010.96484	505022.2	5410606.5
L5020.0	505022.2	5410606.5	21305.69922	364.27	0	48.848408	-86.931545	56351.87	56219.8	30.19	56382.06	56413.88281	55945.11062	56027.97656	505022.2	5410606.5
L5020.0	505022.2	5410608.2	21305.90039	365.16	0	48.848423	-86.931545	56352.38	56219.8	30.19	56382.57	56414.57422	55963.43038	56046.85156	505022.2	5410608.2
L5020.0	505022.1	5410609.8	21306.00000	367.20	0	48.848437	-86.931545	56353.10	56219.8	30.19	56383.29	56415.46094	55984.85514	56068.78906	505022.1	5410609.8
L5020.0	505022.1	5410611.7	21306.09961	371.57	0	48.848454	-86.931545	56353.83	56219.8	30.19	56384.02	56416.34375	56004.71900	56089.12500	505022.1	5410611.7
L5020.0	505022.1	5410611.7	21306.19922	374.13	0	48.848454	-86.931545	56354.78	56219.8	30.19	56384.97	56417.42969	56027.98375	56112.82422	505022.1	5410611.7
L5020.0	505022.1	5410613.1	21306.30078	377.11	0	48.848468	-86.931545	56355.24	56219.8	30.19	56385.42	56418.00000	56037.77981	56123.01172	505022.1	5410613.1
L5020.0	505022.1	5410613.1	21306.40039	378.99	0	48.848468	-86.931545	56355.90	56219.8	30.19	56386.08	56418.76563	56050.81145	56136.39844	505022.1	5410613.1
L5020.0	505022.1	5410616.4	21306.50000	378.87	0	48.848497	-86.931546	56356.70	56219.8	30.18	56386.88	56419.66016	56065.47292	56151.37500	505022.1	5410616.4
L5020.0	505022.1	5410616.4	21306.59961	374.95	0	48.848497	-86.931546	56358.07	56219.8	30.18	56388.25	56421.10547	56091.89869	56178.07422	505022.1	5410616.4
L5020.0	505022.1	5410616.4	21306.69922	375.72	0	48.848497	-86.931546	56359.40	56219.8	30.18	56389.58	56422.49609	56115.80904	56202.22266	505022.1	5410616.4
L5020.0	505022.1	5410618.3	21306.80078	377.53	0	48.848515	-86.931546	56360.26	56219.8	30.18	56390.44	56423.40234	56127.15169	56213.76563	505022.1	5410618.3
L5020.0	505022.0	5410620.1	21306.90039	376.07	0	48.848530	-86.931546	56361.85	56219.8	30.18	56392.03	56425.02734	56154.14310	56240.91797	505022.0	5410620.1
L5020.0	505022.0	5410620.1	21307.00000	373.52	0	48.848530	-86.931546	56362.89	56219.8	30.18	56393.07	56426.08594	56166.77858	56253.67578	505022.0	5410620.1
L5020.0	505022.0	5410621.4	21307.09961	372.24	0	48.848542	-86.931547	56364.52	56219.8	30.18	56394.70	56427.72266	56191.86872	56278.85547	505022.0	5410621.4
L5020.0	505022.0	5410622.9	21307.19922	369.33	0	48.848555	-86.931547	56365.93	56219.8	30.18	56396.11	56429.12500	56210.44544	56297.48438	505022.0	5410622.9
L5020.0	505021.9	5410625.2	21307.30078	367.51	0	48.848577	-86.931548	56367.77	56219.8	30.18	56397.95	56430.94141	56237.81795	56324.87109	505021.9	5410625.2
L5020.0	505021.9	5410625.2	21307.40039	369.00	0	48.848577	-86.931548	56368.99	56219.8	30.18	56399.18	56432.13672	56249.62058	56336.65625	505021.9	5410625.2
L5020.0	505021.9	5410626.7	21307.50000	370.69	0	48.848589	-86.931548	56371.06	56219.8	30.19	56401.24	56434.14844	56279.71109	56366.69531	505021.9	5410626.7
L5020.0	505021.9	5410628.1	21307.59961	368.83	0	48.848602	-86.931548	56372.70	56219.8	30.19	56402.88	56435.72656	56298.79532	56385.69141	505021.9	5410628.1
L5020.0	505021.9	5410629.4	21307.69922	370.79	0	48.848614	-86.931548	56374.28	56219.8	30.19	56404.46	56437.23438	56315.37749	56402.15625	505021.9	5410629.4
L5020.0	505021.9	5410629.4	21307.69922	370.79	0	48.848614	-86.931548	56375.76	56219.8	30.19	56405.95	56438.64063	56328.80638	56415.43359	505021.9	5410629.4
L5020.0	505021.8	5410630.8	21307.90039	371.42	0	48.848627	-86.931549	56377.59	56219.8	30.19	56407.78	56440.37109	56349.23058	56435.67578	505021.8	5410630.8
L5020.0	505021.8	5410630.8	21308.00000	367.05	0	48.848627	-86.931549	56379.33	56219.8	30.19	56409.52	56442.00391	56366.60893	56452.84375	505021.8	5410630.8
L5020.0	505021.8	5410632.3	21308.09961	364.72	0	48.848640	-86.931549	56381.37	56219.8	30.19	56411.56	56443.92578	56390.15150	56476.14063	505021.8	5410632.3
L5020.0	505021.8	5410634.0	21308.19922	362.93	0	48.848656	-86.931549	56383.13	56219.8	30.19	56413.33	56445.56250	56406.53075	56492.25000	505021.8	5410634.0
L5020.0	505021.8	5410635.4	21308.30078	364.58	0	48.848668	-86.931549	56384.74	56219.8	30.19	56414.93	56447.01953	56418.14861	56503.57031	505021.8	5410635.4
L5020.0	505021.8	5410635.4	21308.40039	365.70	0	48.848668	-86.931549	56386.66	56219.8	30.19	56416.85	56448.78906	56436.56295	56521.65625	505021.8	5410635.4
L5020.0	505021.8	5410636.8	21308.50000	367.76	0	48.848680	-86.931549	56388.21	56219.8	30.19	56418.41	56450.18750	56445.86352	56530.60547	505021.8	5410636.8
L5020.0	505021.8	5410638.6	21308.59961	365.83	0	48.848696	-86.931549	56390.25	56219.8	30.20	56420.45	56452.05469	56465.82461	56550.18750	505021.8	5410638.6
L5020.0	505021.8	5410638.6	21308.69922	365.17	0	48.848696	-86.931549	56391.94	56219.8	30.20	56422.14	56453.56250	56477.01383	56560.97656	505021.8	5410638.6
L5020.0	505021.8	5410640.1	21308.80078	368.41	0	48.848710	-86.931549	56393.68	56219.8	30.20	56423.87	56455.10156	56488.64007	56572.17578	505021.8	5410640.1
L5020.0	505021.8	5410640.1	21308.90039	370.72	0	48.848710	-86.931549	56395.64	56219.8	30.20	56425.84	56456.87109	56505.45106	56588.53516	505021.8	5410640.1
L5020.0	505021.8	5410641.6	21309.00000	372.19	0	48.848724	-86.931549	56397.22	56219.8	30.20	56427.42	56458.24219	56512.70812	56595.32031	505021.8	5410641.6
L5020.0	505021.8	5410643.4	21309.09961	373.42	0	48.848740	-86.931549	56398.81	56219.8	30.20	56429.00	56459.60547	56519.61824	56601.73828	505021.8	5410643.4
L5020.0	505021.8	5410644.2	21309.19922	372.51	0	48.848747	-86.931549	56400.89	56219.8	30.19	56431.09	56461.47266	56538.20481	56619.81250	505021.8	5410644.2
L5020.0	505021.8	5410644.2	21309.30078	374.14	0	48.848747	-86.931549	56402.02	56219.8	30.19	56432.21	56462.35938	56533.77145	56614.84766	505021.8	5410644.2
L5020.0	505021.8	5410645.9	21309.40039	373.17	0	48.848763	-86.931549	56404.29	56219.8	30.19	56434.47	56464.37891	56555.90265	56636.42969	505021.8	5410645.9
L5020.0	505021.8	5410647.3	21309.50000	372.28	0	48.848775	-86.931549	56405.56	56219.8	30.18	56435.75	56465.41406	56554.87486	56634.83594	505021.8	5410647.3
L5020.0	505021.8	5410647.3	21309.59961	374.58	0	48.848775	-86.931549	56407.15	56219.8	30.18	56437.33	56466.74219	56560.78471	56640.16016	505021.8	5410647.3
L5020.0	505021.8	5410648.5	21309.69922	374.88	0	48.848786	-86.931549	56408.75	56219.8	30.18	56438.93	56468.08203	56567.10376	56645.87891	505021.8	5410648.5
L5020.0	505021.8	5410648.5	21309.69922	374.88	0	48.848786	-86.931549	56410.16	56219.8	30.18	56440.34	56469.22656	56568.94576	56647.10938	505021.8	5410648.5
L5020.0	505021.8	5410651.4	21309.90039	371.49	0	48.848812	-86.931549	56411.94	56219.8	30.17	56442.11	56470.72656	56579.26559	56656.80078	505021.8	5410651.4
L5020.0	505021.8	5410651.4	21310.00000	370.81	0	48.848812	-86.931549	56413.17	56219.8	30.17	56443.34	56471.67969	56576.97535	56653.87109	505021.8	5410651.4
L5020.0	505021.8	5410652.8	21310.09961	373.88	0	48.848824	-86.931549	56414.93	56219.8	30.17	56445.10	56473.15625	56587.23519	56663.48047	505021.8	5410652.8
L5020.0	505021.8	5410654.3	21310.19922	373.12	0	48.848838	-86.931549	56416.21	56219.8	30.17	56446.38	56474.15234	56586.37197	56661.95313	505021.8	5410654.3
L5020.0	505021.8	5410655.4	21310.30078	375.09	0	48.848848	-86.931549	56417.33	56219.8	30.17	56447.50	56474.98047	56581.93531	56656.84375	505021.8	5410655.4
L5020.0	505021.8	5410655.4	21310.40039	375.79	0	48.848848	-86.931549	56418.56	56219.8	30.17	56448.72	56475.90625	56580.06473	56654.29297	505021.8	5410655.4
L5020.0	505021.8	5410656.6	21310.50000	377.85	0	48.848858	-86.931549	56419.52	56219.8	30.17	56449.69	56476.57813	56572.57732	56646.11719	505021.8	5410656.6
L5020.0	505021.8	5410656.6	21310.59961	373.36	0	48.848858	-86.931549	56421.11	56219.8	30.17	56451.28	56477.86719	56579.93040	56652.76953	505021.8	5410656.6
L5020.0	505021.8	5410657.7	21310.69922	370.78	0	48.848869	-86.931549	56422.28	56219.8	30.17	56452.45	56478.73438	56577.73890	56649.87500	505021.8	5410657.7
L5020.0	505021.8	5410658.7	21310.80078	372.38	0	48.848878	-86.931549	56423.56	56219.8	30.17	56453.73	56479.70703	56578.47483	56649.90234	505021.8	5410658.7
L5020.0	505021.8	5410660.2	21310.90039	374.55	0	48.848892	-86.931550	56424.22	56219.8	30.17	56454.39	56480.05469	56565.02775	56635.74219	505021.8	5410660.2
L5020.0	505021.8	5410660.2	21311.00000	374.25	0	48.848892	-86.931550	56425.93	56219.8	30.17	56456.10	56481.45313	56576.62999	56646.62500	505021.8	5410660.2
L5020.0	505021.8	5410661.1	21311.09961	372.33	0	48.848900	-86.931550	56426.75	56219.8	30.17	56456.92	56481.96094	56567.76089	56637.03516	505021.8	5410661.1

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5020.0	505021.8	5410662.5	21311.19922	372.97	0	48.848912	-86.931550	56427.89	56219.8	30.17	56458.06	56482.78516	56566.85016	56635.40234	505021.8	5410662.5
L5020.0	505021.8	5410662.5	21311.30078	372.70	0	48.848912	-86.931550	56428.54	56219.8	30.17	56458.71	56483.11719	56554.90268	56622.73047	505021.8	5410662.5
L5020.0	505021.8	5410663.9	21311.40039	372.40	0	48.848925	-86.931550	56429.63	56219.8	30.17	56459.80	56483.88672	56553.77138	56620.87500	505021.8	5410663.9
L5020.0	505021.8	5410663.9	21311.50000	368.84	0	48.848925	-86.931550	56430.91	56219.8	30.17	56461.08	56484.84766	56557.60488	56623.98047	505021.8	5410663.9
L5020.0	505021.8	5410665.1	21311.59961	365.29	0	48.848935	-86.931550	56431.65	56219.8	30.17	56461.82	56485.26953	56549.28133	56614.93359	505021.8	5410665.1
L5020.0	505021.8	5410666.3	21311.69922	365.93	0	48.848946	-86.931550	56432.72	56219.8	30.17	56462.89	56486.01953	56549.24020	56614.16797	505021.8	5410666.3
L5020.0	505021.8	5410666.3	21311.69922	365.93	0	48.848946	-86.931550	56433.48	56219.8	30.17	56463.65	56486.45703	56542.46933	56606.67578	505021.8	5410666.3
L5020.0	505021.7	5410668.1	21311.90039	365.80	0	48.848962	-86.931550	56434.56	56219.8	30.17	56464.72	56487.20703	56543.53584	56607.02344	505021.7	5410668.1
L5020.0	505021.7	5410668.1	21312.00000	366.25	0	48.848962	-86.931550	56435.02	56219.8	30.17	56465.19	56487.35938	56531.08573	56593.85547	505021.7	5410668.1
L5020.0	505021.7	5410669.0	21312.09961	366.16	0	48.848970	-86.931550	56435.93	56219.8	30.17	56466.10	56487.94922	56529.54332	56591.60156	505021.7	5410669.0
L5020.0	505021.7	5410669.0	21312.19922	367.89	0	48.848970	-86.931550	56436.49	56219.8	30.16	56466.66	56488.19141	56520.36883	56581.72266	505021.7	5410669.0
L5020.0	505021.7	5410670.1	21312.30078	368.52	0	48.848980	-86.931550	56437.46	56219.8	30.16	56467.62	56488.83203	56521.17537	56581.82813	505021.7	5410670.1
L5020.0	505021.7	5410671.0	21312.40039	368.21	0	48.848988	-86.931550	56437.97	56219.8	30.16	56468.13	56489.02734	56512.01167	56571.96875	505021.7	5410671.0
L5020.0	505021.7	5410671.0	21312.50000	368.21	0	48.848988	-86.931550	56438.89	56219.8	30.15	56469.05	56489.63281	56513.07049	56572.33594	505021.7	5410671.0
L5020.0	505021.7	5410671.9	21312.59961	371.34	0	48.848996	-86.931550	56439.61	56219.8	30.15	56469.76	56490.02734	56509.79752	56568.37891	505021.7	5410671.9
L5020.0	505021.7	5410672.9	21312.69922	369.48	0	48.849005	-86.931550	56440.53	56219.9	30.15	56470.68	56490.63672	56512.05307	56569.95703	505021.7	5410672.9
L5020.0	505021.7	5410672.9	21312.80078	369.41	0	48.849005	-86.931550	56441.52	56219.9	30.15	56471.67	56491.31641	56516.54916	56573.78516	505021.7	5410672.9
L5020.0	505021.7	5410673.9	21312.90039	371.52	0	48.849015	-86.931550	56441.96	56219.9	30.14	56472.10	56491.44141	56508.49295	56565.07031	505021.7	5410673.9
L5020.0	505021.7	5410674.7	21313.00000	370.17	0	48.849021	-86.931550	56442.70	56219.9	30.14	56472.84	56491.87500	56508.30570	56564.23047	505021.7	5410674.7
L5020.0	505021.7	5410675.7	21313.09961	368.74	0	48.849030	-86.931550	56443.11	56219.9	30.14	56473.24	56491.97266	56500.72277	56556.00391	505021.7	5410675.7
L5020.0	505021.8	5410676.6	21313.19922	370.29	0	48.849039	-86.931549	56443.56	56219.9	30.14	56473.70	56492.12891	56495.12912	56549.77734	505021.8	5410676.6
L5020.0	505021.8	5410676.6	21313.30078	371.42	0	48.849039	-86.931549	56443.62	56219.9	30.14	56473.75	56491.88281	56480.48386	56534.50781	505021.8	5410676.6
L5020.0	505021.8	5410677.5	21313.40039	371.58	0	48.849047	-86.931549	56444.66	56219.9	30.14	56474.80	56492.63672	56489.88161	56543.29297	505021.8	5410677.5
L5020.0	505021.8	5410677.5	21313.50000	369.74	0	48.849047	-86.931549	56445.18	56219.9	30.14	56475.31	56492.85547	56487.15939	56539.96484	505021.8	5410677.5
L5020.0	505021.8	5410678.6	21313.59961	373.77	0	48.849057	-86.931548	56446.04	56219.9	30.13	56476.17	56493.42578	56493.20210	56545.41016	505021.8	5410678.6
L5020.0	505021.9	5410679.6	21313.69922	374.22	0	48.849065	-86.931548	56446.83	56219.9	30.13	56476.97	56493.93750	56498.37394	56550.00000	505021.9	5410679.6
L5020.0	505021.9	5410680.3	21313.69922	374.22	0	48.849072	-86.931547	56447.14	56219.9	30.13	56477.27	56493.95313	56492.33409	56543.38672	505021.9	5410680.3
L5020.0	505021.9	5410680.3	21313.90039	373.26	0	48.849072	-86.931547	56447.75	56219.9	30.13	56477.88	56494.28516	56494.08706	56544.57813	505021.9	5410680.3
L5020.0	505021.9	5410681.1	21314.00000	370.90	0	48.849079	-86.931547	56448.00	56219.9	30.13	56478.13	56494.25781	56487.89103	56537.83203	505021.9	5410681.1
L5020.0	505021.9	5410681.1	21314.09961	372.89	0	48.849079	-86.931547	56448.95	56219.9	30.13	56479.08	56494.93359	56498.61853	56548.01953	505021.9	5410681.1
L5020.0	505021.9	5410682.1	21314.19922	374.88	0	48.849088	-86.931547	56449.28	56219.9	30.13	56479.41	56494.99219	56495.26668	56544.14063	505021.9	5410682.1
L5020.0	505022.0	5410682.8	21314.30078	374.83	0	48.849094	-86.931547	56449.89	56219.9	30.14	56480.03	56495.34375	56499.18550	56547.54297	505022.0	5410682.8
L5020.0	505022.0	5410683.4	21314.40039	373.59	0	48.849100	-86.931547	56450.31	56219.9	30.14	56480.44	56495.49219	56498.62224	56546.47266	505022.0	5410683.4
L5020.0	505022.0	5410684.0	21314.50000	372.05	0	48.849105	-86.931547	56450.61	56219.9	30.14	56480.75	56495.53906	56496.14467	56543.50000	505022.0	5410684.0
L5020.0	505022.0	5410684.0	21314.59961	371.91	0	48.849105	-86.931547	56450.94	56219.9	30.14	56481.08	56495.61328	56494.55502	56541.42578	505022.0	5410684.0
L5020.0	505022.0	5410684.8	21314.69922	371.28	0	48.849112	-86.931547	56451.20	56219.9	30.14	56481.34	56495.62109	56491.72513	56538.12500	505022.0	5410684.8
L5020.0	505021.9	5410685.6	21314.80078	372.94	0	48.849119	-86.931547	56451.66	56219.9	30.15	56481.80	56495.82813	56493.97829	56539.92188	505021.9	5410685.6
L5020.0	505021.9	5410686.2	21314.90039	370.76	0	48.849125	-86.931547	56451.91	56219.9	30.15	56482.05	56495.83203	56491.67340	56537.16797	505021.9	5410686.2
L5020.0	505021.9	5410686.2	21315.00000	369.32	0	48.849125	-86.931547	56452.63	56219.8	30.15	56482.78	56496.32031	56500.99375	56546.05078	505021.9	5410686.2
L5020.0	505021.9	5410686.9	21315.09961	368.27	0	48.849131	-86.931547	56452.52	56219.9	30.15	56482.67	56495.96875	56490.93413	56535.56250	505021.9	5410686.9
L5020.0	505021.9	5410687.3	21315.19922	371.12	0	48.849135	-86.931547	56453.11	56219.9	30.14	56483.25	56496.31250	56497.39833	56541.60938	505021.9	5410687.3
L5020.0	505021.9	5410688.0	21315.30078	370.75	0	48.849141	-86.931548	56453.08	56219.9	30.14	56483.22	56496.05078	56489.85068	56533.66016	505021.9	5410688.0
L5020.0	505021.9	5410688.0	21315.40039	377.04	0	48.849141	-86.931548	56453.90	56219.9	30.13	56484.03	56496.62891	56502.31692	56545.73047	505021.9	5410688.0
L5020.0	505021.9	5410688.6	21315.50000	376.76	0	48.849146	-86.931548	56454.21	56219.9	30.13	56484.33	56496.70313	56503.08772	56546.11719	505021.9	5410688.6
L5020.0	505021.9	5410688.6	21315.59961	378.81	0	48.849146	-86.931548	56454.34	56219.9	30.12	56484.46	56496.60938	56500.12978	56542.78516	505021.9	5410688.6
L5020.0	505021.8	5410689.6	21315.69922	379.43	0	48.849156	-86.931548	56454.84	56219.9	30.11	56484.96	56496.88672	56506.10535	56548.39844	505021.8	5410689.6
L5020.0	505021.8	5410689.6	21315.69922	379.43	0	48.849156	-86.931548	56454.92	56219.9	30.11	56485.03	56496.73828	56502.21793	56544.15625	505021.8	5410689.6
L5020.0	505021.8	5410690.3	21315.90039	376.21	0	48.849162	-86.931549	56455.41	56219.9	30.10	56485.51	56497.00391	56508.17330	56549.76563	505021.8	5410690.3
L5020.0	505021.8	5410690.3	21316.00000	373.65	0	48.849162	-86.931549	56455.66	56219.9	30.10	56485.76	56497.03906	56508.93180	56550.18750	505021.8	5410690.3
L5020.0	505021.8	5410690.7	21316.09961	376.72	0	48.849165	-86.931549	56455.66	56219.9	30.10	56485.76	56496.83203	56504.00973	56544.94141	505021.8	5410690.7
L5020.0	505021.8	5410690.7	21316.19922	376.66	0	48.849165	-86.931549	56455.69	56219.9	30.10	56485.79	56496.65234	56499.96679	56540.57813	505021.8	5410690.7
L5020.0	505021.7	5410691.5	21316.30078	371.52	0	48.849173	-86.931550	56455.94	56219.9	30.10	56486.04	56496.69922	56501.25011	56541.55078	505021.7	5410691.5
L5020.0	505021.7	5410691.5	21316.40039	373.57	0	48.849173	-86.931550	56456.04	56219.9	30.10	56486.14	56496.59766	56499.16020	56539.16016	505021.7	5410691.5
L5020.0	505021.7	5410691.9	21316.50000	369.97	0	48.849176	-86.931550	56456.45	56219.9	30.10	56486.55	56496.80859	56504.48376	56544.18750	505021.7	5410691.9
L5020.0	505021.7	5410692.3	21316.59961	367.84	0	48.849180	-86.931550	56456.98	56219.9	30.09	56487.08	56497.14063	56512.74797	56552.16406	505021.7	5410692.3
L5020.0	505021.7	5410692.7	21316.69922	369.26	0	48.849184	-86.931551	56457.02	56219.9	30.09	56487.11	56496.97266	56509.38542	56548.51953	505021.7	5410692.7
L5020.0	505021.7	5410692.7	21316.80078	369.38	0	48.849184	-86.931551	56457.09	56219.9	30.09	56487.18	56496.85156	56507.06229	56545.92188	505021.7	5410692.7
L5020.0	505021.7	5410693.0	21316.90039	371.51	0	48.849186	-86.931551	56457.34	56219.9	30.09	56487.43	56496.90625	56509.05450	56547.64063	505021.7	5410693.0
L5020.0	505021.6	5410693.2	21317.00000	373.99	0	48.849188	-86.931551	56457.98	56219.9	30.09	56488.07	56497.35938	56520.28185	56558.60547	505021.6	5410693.2
L5020.0	505021.6	5410693.2	21317.09961	370.58	0	48.849188	-86.931551	56457.96	56219.9	30.09	56488.04	56497.13672	56515.84904	56553.91016	505021.6	5410693.2
L5020.0	505021.6	5410693.6	21317.19922	366.87	0	48.849191	-86.931551	56457.93	56219.9	30.09	56488.02	56496.92969	56511.71096	56549.51563	505021.6	5410693.6
L5020.0	505021.6	5410693.9	21317.30078	365.54	0	48.849194	-86.931552	56458.09	56219.9	30.08	56488.17	56496.89453	56511.61507	56549.17188	505021.6	5410693.9
L5020.0	505021.6	5410694.1	21317.40039	369.92	0	48.849196	-86.931552	56458.11	56219.9	30.08	56488.19	56496.73047	56508.50999	56545.81641	505021.6	5410694.1
L5020.0	505021.6	5410694.1	21317.50000	367.72	0	48.849196	-86.931552	56457.96	56219.9	30.08	56488.04	56496.39453	56501.44883	56538.51172	505021.6	5410694.1
L5020.0	505021.5	5410694.3	21317.59961	366.16	0	48.849198	-86.931552	56457.86	56219.9	30.08	56487.94	56496.10938	56495.58919	56532.40625	505021.5	5410694.3
L5020.0	505021.5	5410694.5	21317.69922	363.43	0	48.849200	-86.931553	56458.04	56219.9	30.08	56488.11	56496.09766	56496.08917	56532.66797	505021.5	5410694.5
L5020.0	505021.5	5410694.5	21317.69922	363.43	0	48.849200	-86.931553	56458.26	56219.9	30.08	56488.34	56496.14453	56498.01234	56534.35156	505021.5	5410694.5
L5020.0	505021.5	5410694.7	21317.90039	363.92	0	48.849201	-86.931553	56458.34	56219.9	30.07	56488.41	56496.03516	56496.18801	56532.28906	505021.5	5410694.7
L5020.0	505021.5	5410694.8	21318.00000	365.60	0	48.849202	-86.931553	56458.42	56219.9	30.07	56488.49	56495.92969	56494.60195	56530.46484	505021.5	5410694.8
L5030.0	505028.9	5407645.9	4523.70020	272.82	68.08	48.821775	-86.931490	56248.31	56250.1	-0.07	56248.24	56252.92578	56243.84797	56250.57813	505028.9	5407645.9
L5030.0	505028.8	5407646.1	4523.79981	274.22	68.08	48.821776	-86.931490	56248.31	56250.1	-0.07	56248.24	56252.95313	56243.72900	56250.51563	505028.8	5407646.1
L5030.0	505028.8	5407646.2	4523.89990	273.42	67.25	48.821778	-86.931490	56248.32	56250.1	-0.08	56248.25	56252.99219	56243.61102	56250.45313	505028.8	5407646.2
L5030.0	505028.8	5407646.5	4524.00000	274.42	69.58	48.821780	-86.931490	56248.36	56250.1	-0.08	56248.28	56253.05078	56243.49482	56250.39063	505028.8	5407646.5
L5030.0	505028.8	5407646.6	4524.10010	275.17	69.58	48.821781	-86.931490	56248.38	56250.1	-0.08	56248.30	56253.10156	56243.37633	56250.32813	505028.8	5407646.6
L5030.0	505028.8	5407646.9	4524.20020	275.24	70.41	48.821783	-86.931491	56248.31	56250.1	-0.09	56248.22	56253.05078	56243.24429	56250.25391	505028.8	5407646.9
L5030.0	505028.8	5407647.1	4524.29981	276.93	70.99	48.821785	-86.931491	56248.31	56250.1	-0.09	56248.22	56253.07813	56243.11810	56250.17969	505028.8	5407647.1
L5030.0	505028.7	5407647.4	4524.39990	274.66	70.99	48.821788	-86.931491	56248.34	56250.1	-0.09	56248.24	56253.12500	56242.98887	56250.10547	505028.7	5407647.4
L5030.0	505028.7	5407647.4	4524.50000	278.39	73.78	48.821788	-86.931491	56248.31	56250.1	-0.10	56248.21	56253.12500	56242.84843	56250.02344	505028.7	5407647.4
L5030.0	505028.7	5407647.6	4524.60010	276.94	73.78	48.821790	-86.931492	56248.26	56250.1	-0.10	56248.16	56253.10547	56242.70039	56249.92969	505028.7	5407647.6
L5030.0	505028.7	5407648.1	4524.70020	271.82	69.89	48.821794	-86.931492	56248.21	56250.1	-0.10	56248.11	56253.08594	56242.54661	56249.82813	505028.7	5407648.1
L5030.0	505028.7	5407648.1	4524.79981	271.50	73.86	48.821794	-86.931492	56248.25	56250.1	-0.10	56248.14	56253.14453	56242.39546	56249.73438	505028.7	5407648.1
L5030.0	505028.7	5407648.4	4524.89990	270.42	73.86	48.821797	-86.931492	56248.16	56250.1	-0.11	56248.05	56253.08203	56242.22384	56249.61719	505028.7	5407648.4
L5030.0	505028.7	5407648.7	4525.00000	272.62	69.27	48.821800	-86.931492	56248.18	56250.1	-0.11	56248.07	56253.13281	56242.05689	56249.50391	505028.7	5407648.7
L5030.0	505028.7	5407649.0	4525.20020	274.00	69.39	48.821802	-86.931492	56248.11	56250.1	-0.11	56248.00	56253.09375	56241.87334	56249.37500	505028.7	5407649.0
L5030.0	505028.7	5407649.5	4525.20020	276.22	69.39	48.821807	-86.931492	56248.07	56250.1	-0.11	56247.96	56253.08203	56241.68635	56249.24219	505028.7	5407649.5
L5030.0	505028.7	5407649.9	4525.29981	273.61	69.64	48.821811	-86.931493	56248.08	56250.1	-0.11	56247.97	56253.12500	56241.49724	56249.10547	505028.7	5407649.9
L5030.0	505028.7	5407649.9	4525.39990	273.44	71.53	48.821811	-86.931493	56248.00	56250.1	-0.11	56247.90	56253.08594	56241.29482	56248.95703	505028.7	5407649.9
L5030.0	505028.6	5407650.4	4525.50000	270.02	71.53	48.821816	-86.931493	56247.98	56250.1	-0.10	56247.87	56253.08594	56241.09088	56248.80859	505028.6	5407650.4
L5030.0	505028.6	5407651.0	4525.60010	270.77	71.4	48.821820	-86.931493	56247.98	56250.1	-0.10	56247.87	56253.11719	56240.88523	56248.65625	505028.6	5407651.0
L5030.0	505028.6	5407651.0	4525.70020	272.69	74.4	48.821820	-86.931493	56247.89	56250.1	-0.10	56247.79	56253.07031	56240.67142	56248.49609	505028.6	5407651.0
L5030.0	505028.6	5407651.4	4525.79981	274.21	74.4	48.821824	-86.931493	56247.85	56250.1	-0.10	56247.75	56253.06250	56240.45873	56248.33594	505028.6	5407651.4
L5030.0	505028.6	5407651.9	4525.89990	274.56	74.17	48.821828	-86.931493	56247.85	56250.1	-0.10	56247.75	56253.09375	56240.24742	56248.17578	505028.6	5407651.9
L5030.0	505028.6	5407652.4	4526.00000	271.65	74.17	48.821833	-86.931493	56247.80	56250.1	-0.10	56247.70	56253.07813	56240.03372	56248.01563	505028.6	5407652.4

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5030.0	505028.6	5407652.4	4526.10010	271.15	74.22	48.821833	-86.931493	56247.71	56250.1	-0.10	56247.61	56253.01953	56239.81959	56247.85547	505028.6	5407652.4
L5030.0	505028.6	5407653.0	4526.20020	267.18	73.65	48.821839	-86.931493	56247.65	56250.1	-0.11	56247.54	56252.98438	56239.60849	56247.69531	505028.6	5407653.0
L5030.0	505028.6	5407653.6	4526.29981	268.58	73.65	48.821844	-86.931493	56247.61	56250.1	-0.11	56247.50	56252.97656	56239.40110	56247.54297	505028.6	5407653.6
L5030.0	505028.6	5407654.2	4526.39990	266.97	74.04	48.821849	-86.931493	56247.54	56250.1	-0.11	56247.43	56252.94141	56239.19582	56247.38672	505028.6	5407654.2
L5030.0	505028.6	5407654.2	4526.50000	266.19	74.48	48.821849	-86.931493	56247.54	56250.1	-0.11	56247.43	56252.97656	56238.99602	56247.23828	505028.6	5407654.2
L5030.0	505028.6	5407654.8	4526.60010	266.41	74.48	48.821855	-86.931493	56247.38	56250.1	-0.12	56247.27	56252.85156	56238.79534	56247.08984	505028.6	5407654.8
L5030.0	505028.6	5407655.5	4526.70020	265.83	75.18	48.821861	-86.931494	56247.32	56250.1	-0.12	56247.20	56252.81641	56238.60049	56246.94531	505028.6	5407655.5
L5030.0	505028.6	5407655.5	4526.79981	271.70	75.18	48.821861	-86.931494	56247.33	56250.1	-0.12	56247.21	56252.86328	56238.41080	56246.80859	505028.6	5407655.5
L5030.0	505028.6	5407656.1	4526.89990	271.30	75.83	48.821867	-86.931494	56247.12	56250.1	-0.13	56246.99	56252.67969	56238.21742	56246.66406	505028.6	5407656.1
L5030.0	505028.6	5407656.8	4527.00000	271.37	75.83	48.821872	-86.931494	56247.08	56250.1	-0.13	56246.95	56252.67578	56238.03068	56246.52734	505028.6	5407656.8
L5030.0	505028.6	5407657.5	4527.10010	260.25	77.63	48.821879	-86.931494	56246.93	56250.1	-0.13	56246.80	56252.56250	56237.84148	56246.38672	505028.6	5407657.5
L5030.0	505028.6	5407657.5	4527.20020	261.09	72.42	48.821879	-86.931494	56246.90	56250.1	-0.13	56246.77	56252.57031	56237.65519	56246.25000	505028.6	5407657.5
L5030.0	505028.5	5407658.4	4527.29981	271.53	72.42	48.821887	-86.931494	56246.75	56250.1	-0.13	56246.61	56252.44922	56237.46226	56246.10938	505028.5	5407658.4
L5030.0	505028.5	5407659.0	4527.39990	273.13	73.03	48.821893	-86.931494	56246.70	56250.1	-0.13	56246.57	56252.44531	56237.26727	56245.96094	505028.5	5407659.0
L5030.0	505028.5	5407659.0	4527.50000	270.63	72.36	48.821893	-86.931494	56246.52	56250.1	-0.13	56246.39	56252.30469	56237.06134	56245.80469	505028.5	5407659.0
L5030.0	505028.5	5407659.8	4527.60010	270.47	72.36	48.821900	-86.931494	56246.46	56250.1	-0.14	56246.33	56252.28516	56236.85340	56245.64453	505028.5	5407659.8
L5030.0	505028.5	5407660.3	4527.70020	274.97	70.49	48.821904	-86.931494	56246.34	56250.1	-0.14	56246.20	56252.19531	56236.63523	56245.47266	505028.5	5407660.3
L5030.0	505028.5	5407661.0	4527.79981	271.96	70.49	48.821911	-86.931494	56246.16	56250.1	-0.14	56246.02	56252.05469	56236.40576	56245.29297	505028.5	5407661.0
L5030.0	505028.5	5407661.7	4527.89990	271.42	71.09	48.821917	-86.931494	56246.12	56250.1	-0.14	56245.98	56252.05469	56236.17032	56245.10156	505028.5	5407661.7
L5030.0	505028.5	5407662.5	4528.00000	270.45	72.57	48.821924	-86.931494	56245.95	56250.1	-0.14	56245.81	56251.92578	56235.91761	56244.89453	505028.5	5407662.5
L5030.0	505028.5	5407663.2	4528.10010	260.17	72.57	48.821931	-86.931495	56245.83	56250.1	-0.14	56245.69	56251.84766	56235.65339	56244.67578	505028.5	5407663.2
L5030.0	505028.5	5407663.2	4528.20020	263.85	74.1	48.821931	-86.931495	56245.70	56250.1	-0.14	56245.56	56251.75781	56235.37543	56244.44531	505028.5	5407663.2
L5030.0	505028.5	5407664.1	4528.29981	273.58	78.29	48.821939	-86.931495	56245.55	56250.1	-0.14	56245.41	56251.65234	56235.08295	56244.19922	505028.5	5407664.1
L5030.0	505028.5	5407664.9	4528.39990	271.93	78.29	48.821946	-86.931495	56245.35	56250.1	-0.14	56245.21	56251.49219	56234.77563	56243.93359	505028.5	5407664.9
L5030.0	505028.5	5407664.9	4528.50000	270.78	76.14	48.821946	-86.931495	56245.14	56250.1	-0.14	56245.00	56251.32813	56234.45633	56243.66016	505028.5	5407664.9
L5030.0	505028.5	5407665.7	4528.60010	271.77	71.24	48.821953	-86.931495	56245.04	56250.1	-0.14	56244.90	56251.26953	56234.12759	56243.37500	505028.5	5407665.7
L5030.0	505028.5	5407666.8	4528.70020	266.88	71.24	48.821962	-86.931495	56244.78	56250.1	-0.14	56244.64	56251.05469	56233.78883	56243.07813	505028.5	5407666.8
L5030.0	505028.5	5407667.8	4528.79981	266.41	72.44	48.821972	-86.931495	56244.61	56250.1	-0.14	56244.47	56250.92969	56233.44512	56242.77734	505028.5	5407667.8
L5030.0	505028.5	5407667.8	4528.89990	268.08	70	48.821972	-86.931495	56244.50	56250.1	-0.14	56244.36	56250.86328	56233.09672	56242.46875	505028.5	5407667.8
L5030.0	505028.5	5407668.6	4529.00000	269.00	70	48.821979	-86.931495	56244.16	56250.1	-0.14	56244.02	56250.56641	56232.74971	56242.16406	505028.5	5407668.6
L5030.0	505028.5	5407669.3	4529.10010	271.79	72.43	48.821986	-86.931495	56244.02	56250.1	-0.14	56243.87	56250.46094	56232.39804	56241.85156	505028.5	5407669.3
L5030.0	505028.4	5407670.4	4529.20020	269.03	72.43	48.821995	-86.931495	56243.80	56250.2	-0.15	56243.65	56250.28906	56232.04799	56241.54297	505028.4	5407670.4
L5030.0	505028.4	5407671.2	4529.29981	268.99	74.89	48.822003	-86.931495	56243.61	56250.2	-0.15	56243.45	56250.13281	56231.69784	56241.23438	505028.4	5407671.2
L5030.0	505028.4	5407671.2	4529.39990	267.81	75.95	48.822003	-86.931495	56243.36	56250.2	-0.16	56243.20	56249.92969	56231.35144	56240.92578	505028.4	5407671.2
L5030.0	505028.4	5407672.3	4529.50000	269.58	75.95	48.822012	-86.931495	56243.15	56250.2	-0.17	56242.99	56249.76563	56231.00660	56240.61719	505028.4	5407672.3
L5030.0	505028.4	5407673.3	4529.60010	268.70	73.48	48.822021	-86.931495	56242.90	56250.2	-0.17	56242.73	56249.55469	56230.66826	56240.31641	505028.4	5407673.3
L5030.0	505028.4	5407673.3	4529.70020	260.53	72.27	48.822021	-86.931495	56242.64	56250.2	-0.18	56242.47	56249.33984	56230.33551	56240.02344	505028.4	5407673.3
L5030.0	505028.4	5407674.4	4529.79981	264.48	72.27	48.822031	-86.931495	56242.34	56250.2	-0.18	56242.16	56249.07813	56230.01162	56239.73438	505028.4	5407674.4
L5030.0	505028.4	5407675.0	4529.89990	264.65	72.35	48.822037	-86.931495	56242.05	56250.2	-0.19	56241.86	56248.82422	56229.69374	56239.45313	505028.4	5407675.0
L5030.0	505028.4	5407676.1	4530.00000	271.83	73.98	48.822047	-86.931495	56241.83	56250.2	-0.19	56241.64	56248.65234	56229.37822	56239.17188	505028.4	5407676.1
L5030.0	505028.5	5407676.9	4530.10010	271.35	73.98	48.822054	-86.931495	56241.52	56250.2	-0.19	56241.33	56248.39063	56229.07271	56238.89844	505028.5	5407676.9
L5030.0	505028.5	5407677.9	4530.20020	270.11	77.72	48.822062	-86.931495	56241.28	56250.2	-0.19	56241.09	56248.19922	56228.76924	56238.62891	505028.5	5407677.9
L5030.0	505028.5	5407677.9	4530.29981	270.63	80.02	48.822062	-86.931495	56240.95	56250.2	-0.20	56240.76	56247.91406	56228.47391	56238.36719	505028.5	5407677.9
L5030.0	505028.5	5407678.8	4530.39990	271.94	78.49	48.822071	-86.931495	56240.72	56250.2	-0.20	56240.52	56247.72266	56228.17899	56238.10547	505028.5	5407678.8
L5030.0	505028.5	5407679.7	4530.50000	264.30	78.49	48.822078	-86.931494	56240.36	56250.2	-0.20	56240.16	56247.41016	56227.89065	56237.84766	505028.5	5407679.7
L5030.0	505028.5	5407680.8	4530.60010	265.90	75.01	48.822088	-86.931494	56240.03	56250.2	-0.20	56239.83	56247.12891	56227.60231	56237.58984	505028.5	5407680.8
L5030.0	505028.5	5407681.4	4530.70020	264.72	72.14	48.822094	-86.931494	56239.71	56250.2	-0.20	56239.50	56246.84766	56227.31310	56237.32813	505028.5	5407681.4
L5030.0	505028.5	5407682.3	4530.79981	262.77	72.8	48.822102	-86.931494	56239.33	56250.2	-0.21	56239.12	56246.51563	56227.02156	56237.06641	505028.5	5407682.3
L5030.0	505028.5	5407683.4	4530.89990	262.64	72.8	48.822112	-86.931494	56238.97	56250.2	-0.21	56238.76	56246.20313	56226.72451	56236.79688	505028.5	5407683.4
L5030.0	505028.5	5407683.4	4531.00000	269.30	74.53	48.822112	-86.931494	56238.61	56250.2	-0.21	56238.40	56245.89063	56226.42023	56236.51953	505028.5	5407683.4
L5030.0	505028.5	5407684.4	4531.10010	269.76	74.43	48.822121	-86.931494	56238.18	56250.2	-0.21	56237.97	56245.50781	56226.10620	56236.23438	505028.5	5407684.4
L5030.0	505028.5	5407685.3	4531.20020	271.29	74.43	48.822129	-86.931494	56237.84	56250.2	-0.22	56237.62	56245.20703	56225.78130	56235.93359	505028.5	5407685.3
L5030.0	505028.5	5407686.5	4531.29981	271.91	72.93	48.822140	-86.931494	56237.43	56250.2	-0.22	56237.22	56244.85547	56225.44388	56235.62109	505028.5	5407686.5
L5030.0	505028.5	5407687.5	4531.39990	272.50	74.63	48.822149	-86.931494	56237.06	56250.2	-0.22	56236.83	56244.51172	56225.09481	56235.29297	505028.5	5407687.5
L5030.0	505028.5	5407688.0	4531.50000	272.47	74.63	48.822154	-86.931494	56236.67	56250.2	-0.22	56236.45	56244.17969	56224.73508	56234.95703	505028.5	5407688.0
L5030.0	505028.5	5407689.0	4531.60010	271.93	74.85	48.822162	-86.931494	56236.18	56250.2	-0.23	56235.95	56243.72656	56224.36128	56234.60547	505028.5	5407689.0
L5030.0	505028.5	5407690.0	4531.70020	270.37	76.56	48.822171	-86.931494	56235.81	56250.2	-0.23	56235.58	56243.40234	56223.98157	56234.24609	505028.5	5407690.0
L5030.0	505028.5	5407690.0	4531.79981	271.78	80.73	48.822171	-86.931494	56235.29	56250.2	-0.23	56235.05	56242.92188	56223.58848	56233.87500	505028.5	5407690.0
L5030.0	505028.5	5407691.1	4531.89990	271.95	77.35	48.822181	-86.931495	56234.86	56250.2	-0.24	56234.62	56242.53516	56223.19254	56233.49609	505028.5	5407691.1
L5030.0	505028.5	5407692.1	4532.00000	270.73	77.35	48.822190	-86.931495	56234.38	56250.2	-0.24	56234.14	56242.10156	56222.78730	56233.10938	505028.5	5407692.1
L5030.0	505028.4	5407693.1	4532.10010	270.79	72.41	48.822200	-86.931495	56233.94	56250.2	-0.25	56233.69	56241.69922	56222.37630	56232.71484	505028.4	5407693.1
L5030.0	505028.4	5407694.2	4532.20020	265.83	75.88	48.822209	-86.931495	56233.48	56250.3	-0.25	56233.23	56241.28125	56221.95818	56232.31250	505028.4	5407694.2
L5030.0	505028.4	5407694.2	4532.29981	265.97	79.37	48.822209	-86.931495	56232.94	56250.3	-0.26	56232.68	56240.77734	56221.52810	56231.89844	505028.4	5407694.2
L5030.0	505028.4	5407695.4	4532.39990	265.97	79.37	48.822220	-86.931495	56232.46	56250.3	-0.26	56232.20	56240.33984	56221.09492	56231.48047	505028.4	5407695.4
L5030.0	505028.4	5407696.1	4532.50000	266.62	70.03	48.822226	-86.931495	56232.02	56250.3	-0.27	56231.75	56239.93359	56220.65722	56231.05469	505028.4	5407696.1
L5030.0	505028.4	5407697.0	4532.60010	268.08	69.08	48.822235	-86.931496	56231.41	56250.3	-0.28	56231.14	56239.36719	56220.20401	56230.61328	505028.4	5407697.0
L5030.0	505028.4	5407698.2	4532.70020	270.14	62.59	48.822246	-86.931496	56230.95	56250.3	-0.28	56230.67	56238.94141	56219.75418	56230.17188	505028.4	5407698.2
L5030.0	505028.4	5407698.2	4532.79981	271.56	62.59	48.822246	-86.931496	56230.38	56250.3	-0.29	56230.10	56238.41016	56219.29311	56229.72266	505028.4	5407698.2
L5030.0	505028.4	5407699.4	4532.89990	273.36	62.94	48.822256	-86.931496	56229.81	56250.3	-0.29	56229.52	56237.87500	56218.82642	56229.26563	505028.4	5407699.4
L5030.0	505028.3	5407700.5	4533.00000	274.37	64.64	48.822266	-86.931496	56229.24	56250.3	-0.30	56228.94	56237.33203	56218.35465	56228.80078	505028.3	5407700.5
L5030.0	505028.3	5407701.7	4533.10010	273.75	64.64	48.822277	-86.931496	56228.68	56250.3	-0.31	56228.37	56236.80469	56217.87803	56228.32813	505028.3	5407701.7
L5030.0	505028.3	5407702.6	4533.20020	275.70	66.15	48.822285	-86.931497	56227.99	56250.3	-0.31	56227.68	56236.15234	56217.38585	56227.84375	505028.3	5407702.6
L5030.0	505028.3	5407702.6	4533.29981	273.61	70.22	48.822285	-86.931497	56227.47	56250.3	-0.32	56227.15	56235.66016	56216.89944	56227.35938	505028.3	5407702.6
L5030.0	505028.3	5407704.2	4533.39990	265.76	70.22	48.822299	-86.931497	56226.82	56250.3	-0.32	56226.50	56235.04688	56216.39610	56226.85938	505028.3	5407704.2
L5030.0	505028.3	5407705.3	4533.60010	265.45	74.24	48.822309	-86.931497	56226.20	56250.3	-0.34	56225.87	56234.45313	56215.88652	56226.35156	505028.3	5407705.3
L5030.0	505028.3	5407706.5	4533.60010	271.55	74.24	48.822320	-86.931497	56225.56	56250.3	-0.34	56225.22	56233.83984	56215.36655	56225.83203	505028.3	5407706.5
L5030.0	505028.3	5407706.5	4533.70020	275.98	72.22	48.822320	-86.931497	56224.91	56250.3	-0.34	56224.56	56233.21484	56214.83604	56225.30078	505028.3	5407706.5
L5030.0	505028.3	5407707.8	4533.79981	275.64	76.65	48.822332	-86.931497	56224.22	56250.3	-0.35	56223.87	56232.55859	56214.29202	56224.75781	505028.3	5407707.8
L5030.0	505028.3	5407708.7	4533.89990	275.24	78.19	48.822340	-86.931497	56223.50	56250.4	-0.35	56223.14	56231.86328	56213.73261	56224.19531	505028.3	5407708.7
L5030.0	505028.3	5407708.7	4534.00000	275.29	78.19	48.822340	-86.931497	56222.79	56250.4	-0.36	56222.43	56231.18359	56213.16262	56223.62109	505028.3	5407708.7
L5030.0	505028.3	5407710.1	4534.10010	273.46	84.23	48.822353	-86.931497	56222.16	56250.4	-0.36	56221.80	56230.58594	56212.58731	56223.03906	505028.3	5407710.1
L5030.0	505028.3	5407711.5	4534.20020	272.54	80.04	48.822365	-86.931496	56221.39	56250.4	-0.37	56221.02	56229.83203	56211.98469	56222.42969	505028.3	5407711.5
L5030.0	505028.3	5407712.6	4534.29981	272.33	80.04	48.822375	-86.931496	56220.66	56250.4	-0.38	56220.29	56229.13281	56211.37419	56221.81250	505028.3	5407712.6
L5030.0	505028.3	5407712.6	4534.39990	269.71	86.14	48.822375	-86.931496	56219.93	56250.4	-0.38	56219.55	56228.41797	56210.75163	56221.17969	505028.3	5407712.6
L5030.0	505028.3	5407713.9	4534.50000	271.22	86.14	48.822387	-86.931496	56219.22	56250.4	-0.39	56218.83	56227.72656	56210.12107	56220.53906	505028.3	5407713.9
L5030.0	505028.3	5407715.1	4534.60010	260.30	87.37	48.822397	-86.931496	56218.42	56250.4	-0.39	56218.03	56226.95313	56209.47572	56219.88281	505028.3	5407715.1
L5030.0	505028.3	5407715.1	4534.70020	263.03	84.43	48.822397	-86.931496	56217.68	56250.4	-0.40	56217.28	56226.22656	56208.82672	56219.21875	505028.3	5407715.1
L5030.0	505028.3	5407716.4	4534.79981	273.09	84.53	48.822409	-86.931496	56216.84	56250.4	-0.40	56216.44	56225.40625	56208.16446	56218.54297	505028.3	5407716.4
L5030.0	505028.4	5407718.1	4534.89990	271.62	84.53	48.822424	-86.931496	56216.00	56250.4	-0.41	56215.60	56224.58984	56207.49707	56217.85938	505028.4	5407718.1
L5030.0	505028.4	5407718.1	4535.00000	274.57	85.22	48.822424	-86.931496	56215.15	56250.4	-0.41	56214.74	56223.75000	56206.82386	56217.17188	505028.4	5407718.1
L5030.0	505028.4	5407719.9	4535.10010	273.77	79.77	48.822441	-86.931495	56214.36	56250.4	-0.42	56213.95	56222.97656	56206.15062	56216.48047	505028.4	5407719.9
L5030.0	505028.4	5407719.9	4535.20020	264.19	79.77	48.822441	-86.931495	56213.55	56250.4	-0.42	56213.13	56222.17578	56205.47216	56215.78125	505028.4	5407719.9
L5030.0	505028.4	5407721.3	4535.29981	265.05	86.5	48.822453	-86.931495	56212.55	56250.4	-0.43	56212.12	56221.18359	56204.78302	56215.07422	505028.4	5407721.3

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5030.0	505028.4	5407722.3	4535.39990	270.59	87.94	48.822462	-86.931495	56211.81	56250.4	-0.43	56211.38	56220.45703	56204.10280	56214.37109	505028.4	5407722.3
L5030.0	505028.4	5407723.3	4535.50000	270.76	85.55	48.822471	-86.931495	56210.89	56250.4	-0.44	56210.45	56219.53906	56203.41531	56213.66016	505028.4	5407723.3
L5030.0	505028.4	5407723.3	4535.60010	271.14	85.55	48.822471	-86.931495	56209.93	56250.4	-0.45	56209.48	56218.58203	56202.72814	56212.94922	505028.4	5407723.3
L5030.0	505028.4	5407724.6	4535.70020	272.42	89.53	48.822483	-86.931495	56209.13	56250.5	-0.45	56208.68	56217.79297	56202.04559	56212.24219	505028.4	5407724.6
L5030.0	505028.4	5407725.8	4535.79981	268.30	90.5	48.822494	-86.931495	56208.19	56250.5	-0.46	56207.73	56216.85156	56201.36145	56211.53125	505028.4	5407725.8
L5030.0	505028.4	5407727.0	4535.89990	266.64	84.94	48.822504	-86.931494	56207.21	56250.5	-0.46	56206.75	56215.87891	56200.67861	56210.81641	505028.4	5407727.0
L5030.0	505028.4	5407727.0	4536.00000	271.71	84.94	48.822504	-86.931494	56206.27	56250.5	-0.47	56205.80	56214.93359	56199.99725	56210.10938	505028.4	5407727.0
L5030.0	505028.5	5407728.6	4536.10010	269.40	89.28	48.822518	-86.931494	56205.41	56250.5	-0.47	56204.93	56214.07031	56199.31626	56209.39453	505028.5	5407728.6
L5030.0	505028.5	5407730.0	4536.20020	269.86	89.46	48.822531	-86.931494	56204.46	56250.5	-0.48	56203.99	56213.13281	56198.63517	56208.68359	505028.5	5407730.0
L5030.0	505028.5	5407731.2	4536.29981	270.32	89.46	48.822542	-86.931494	56203.52	56250.5	-0.48	56203.03	56212.17188	56197.95355	56207.96875	505028.5	5407731.2
L5030.0	505028.5	5407732.4	4536.39990	269.13	91.65	48.822553	-86.931494	56202.65	56250.5	-0.49	56202.17	56211.31250	56197.26911	56207.25000	505028.5	5407732.4
L5030.0	505028.5	5407733.2	4536.50000	268.95	91.65	48.822560	-86.931494	56201.68	56250.5	-0.49	56201.19	56210.33203	56196.58496	56206.52734	505028.5	5407733.2
L5030.0	505028.5	5407733.2	4536.60010	268.94	75.69	48.822560	-86.931494	56200.73	56250.5	-0.49	56200.24	56209.37500	56195.89856	56205.80469	505028.5	5407733.2
L5030.0	505028.5	5407734.4	4536.70020	267.01	77.06	48.822571	-86.931494	56199.82	56250.5	-0.50	56199.32	56208.45313	56195.20958	56205.07813	505028.5	5407734.4
L5030.0	505028.5	5407736.1	4536.79981	270.25	77.06	48.822587	-86.931493	56198.83	56250.5	-0.50	56198.33	56207.45703	56194.52145	56204.35156	505028.5	5407736.1
L5030.0	505028.5	5407736.1	4536.89990	269.95	68.57	48.822587	-86.931493	56197.82	56250.5	-0.51	56197.32	56206.43750	56193.83357	56203.62109	505028.5	5407736.1
L5030.0	505028.5	5407737.4	4537.00000	269.57	68.75	48.822598	-86.931493	56196.84	56250.5	-0.51	56196.33	56205.43750	56193.14497	56202.89063	505028.5	5407737.4
L5030.0	505028.5	5407739.0	4537.10010	271.73	68.75	48.822613	-86.931493	56195.84	56250.5	-0.52	56195.33	56204.42578	56192.45814	56202.16016	505028.5	5407739.0
L5030.0	505028.5	5407739.0	4537.20020	270.29	72.46	48.822613	-86.931493	56194.89	56250.5	-0.52	56194.36	56203.44141	56191.77157	56201.42969	505028.5	5407739.0
L5030.0	505028.6	5407740.3	4537.29981	271.06	79.54	48.822624	-86.931493	56193.85	56250.5	-0.53	56193.32	56202.38672	56191.09267	56200.70703	505028.6	5407740.3
L5030.0	505028.6	5407741.8	4537.39990	269.40	79.54	48.822638	-86.931493	56192.84	56250.5	-0.54	56192.31	56201.35938	56190.41530	56199.98047	505028.6	5407741.8
L5030.0	505028.6	5407743.1	4537.50000	268.75	96.61	48.822649	-86.931493	56191.83	56250.5	-0.55	56191.28	56200.31250	56189.74349	56199.26172	505028.6	5407743.1
L5030.0	505028.6	5407743.6	4537.60010	267.93	96.61	48.822654	-86.931493	56190.86	56250.6	-0.55	56190.31	56199.32422	56189.24928	56198.71875	505028.6	5407743.6
L5030.0	505028.6	5407745.0	4537.70020	267.07	97.71	48.822667	-86.931493	56189.78	56250.6	-0.56	56189.22	56198.21094	56188.53131	56197.94922	505028.6	5407745.0
L5030.0	505028.6	5407745.0	4537.79981	267.47	97.97	48.822667	-86.931493	56188.84	56250.6	-0.57	56188.28	56197.24609	56187.84512	56197.21094	505028.6	5407745.0
L5030.0	505028.6	5407746.5	4537.89990	266.40	97.97	48.822679	-86.931492	56187.80	56250.6	-0.57	56187.23	56196.17188	56187.14007	56196.45703	505028.6	5407746.5
L5030.0	505028.6	5407747.9	4538.00000	266.07	99.01	48.822692	-86.931492	56186.80	56250.6	-0.58	56186.22	56195.13672	56186.44373	56195.70703	505028.6	5407747.9
L5030.0	505028.6	5407747.9	4538.10010	262.99	99.12	48.822692	-86.931492	56185.86	56250.6	-0.58	56185.27	56194.16016	56185.75859	56194.96484	505028.6	5407747.9
L5030.0	505028.6	5407749.4	4538.20020	262.26	99.12	48.822705	-86.931492	56184.82	56250.6	-0.59	56184.23	56193.08984	56185.05585	56194.20703	505028.6	5407749.4
L5030.0	505028.6	5407750.8	4538.29981	264.61	93.95	48.822718	-86.931492	56183.88	56250.6	-0.60	56183.28	56192.10938	56184.36797	56193.46094	505028.6	5407750.8
L5030.0	505028.6	5407752.0	4538.39990	264.13	93.95	48.822730	-86.931492	56182.84	56250.6	-0.60	56182.24	56191.03516	56183.66055	56192.69922	505028.6	5407752.0
L5030.0	505028.6	5407752.0	4538.50000	265.02	100.17	48.822730	-86.931492	56181.86	56250.6	-0.60	56181.25	56190.01172	56182.95887	56191.93750	505028.6	5407752.0
L5030.0	505028.6	5407753.5	4538.60010	265.79	100.17	48.822743	-86.931492	56180.93	56250.6	-0.61	56180.32	56189.04297	56182.26454	56191.18359	505028.6	5407753.5
L5030.0	505028.6	5407754.7	4538.70020	266.14	89.02	48.822754	-86.931492	56179.96	56250.6	-0.61	56179.35	56188.03516	56181.73604	56190.59375	505028.6	5407754.7
L5030.0	505028.6	5407756.0	4538.79981	266.77	91.09	48.822765	-86.931492	56178.97	56250.6	-0.62	56178.35	56186.99609	56181.05124	56189.84766	505028.6	5407756.0
L5030.0	505028.6	5407756.0	4538.89990	268.47	91.09	48.822765	-86.931492	56178.02	56250.6	-0.63	56177.39	56185.99609	56180.35799	56189.09375	505028.6	5407756.0
L5030.0	505028.6	5407757.5	4539.00000	268.10	100.72	48.822779	-86.931492	56177.08	56250.6	-0.63	56176.45	56185.01563	56179.65896	56188.33203	505028.6	5407757.5
L5030.0	505028.6	5407758.6	4539.10010	271.54	100.72	48.822789	-86.931492	56176.12	56250.6	-0.64	56175.48	56184.00000	56178.95817	56187.56641	505028.6	5407758.6
L5030.0	505028.6	5407760.1	4539.20020	270.05	100.72	48.822802	-86.931491	56175.11	56250.6	-0.65	56174.46	56182.93359	56178.25710	56186.80078	505028.6	5407760.1
L5030.0	505028.6	5407760.1	4539.29981	270.20	100.49	48.822802	-86.931491	56174.17	56250.7	-0.65	56173.51	56181.93750	56177.55118	56186.02734	505028.6	5407760.1
L5030.0	505028.7	5407761.4	4539.39990	272.06	100.49	48.822814	-86.931491	56173.25	56250.7	-0.66	56172.59	56180.96875	56176.84513	56185.25781	505028.7	5407761.4
L5030.0	505028.7	5407762.8	4539.50000	272.28	101.3	48.822827	-86.931491	56172.31	56250.7	-0.67	56171.64	56179.97266	56176.14332	56184.48828	505028.7	5407762.8
L5030.0	505028.7	5407763.9	4539.60010	272.97	101.3	48.822836	-86.931491	56171.41	56250.7	-0.68	56170.74	56179.01953	56175.44561	56183.72266	505028.7	5407763.9
L5030.0	505028.7	5407763.9	4539.70020	272.18	101.63	48.822836	-86.931491	56170.45	56250.7	-0.69	56169.76	56177.98828	56174.75733	56182.96484	505028.7	5407763.9
L5030.0	505028.7	5407765.4	4539.79981	271.93	101.58	48.822850	-86.931490	56169.54	56250.7	-0.69	56168.85	56177.02344	56174.07755	56182.21875	505028.7	5407765.4
L5030.0	505028.7	5407766.7	4539.89990	270.43	101.58	48.822862	-86.931490	56168.61	56250.7	-0.70	56167.90	56176.01953	56173.41099	56181.48047	505028.7	5407766.7
L5030.0	505028.7	5407768.2	4540.00000	269.72	101.62	48.822875	-86.931490	56167.74	56250.7	-0.71	56167.03	56175.09375	56172.75721	56180.75781	505028.7	5407768.2
L5030.0	505028.8	5407769.3	4540.10010	266.75	101.62	48.822885	-86.931490	56166.79	56250.7	-0.71	56166.07	56174.07422	56172.12077	56180.05078	505028.8	5407769.3
L5030.0	505028.8	5407770.7	4540.20020	269.02	101.92	48.822897	-86.931489	56165.88	56250.7	-0.72	56165.16	56173.10547	56171.49864	56179.35938	505028.8	5407770.7
L5030.0	505028.8	5407770.7	4540.29981	269.43	101.85	48.822897	-86.931489	56164.93	56250.7	-0.72	56164.22	56172.10547	56170.89337	56178.68359	505028.8	5407770.7
L5030.0	505028.8	5407772.1	4540.39990	270.96	101.85	48.822910	-86.931489	56164.08	56250.7	-0.72	56163.36	56171.18750	56170.29976	56178.01563	505028.8	5407772.1
L5030.0	505028.8	5407773.5	4540.50000	270.62	101.85	48.822923	-86.931489	56163.20	56250.7	-0.72	56162.47	56170.23438	56169.72174	56177.36719	505028.8	5407773.5
L5030.0	505028.8	5407775.0	4540.60010	266.57	102.84	48.822936	-86.931489	56162.31	56250.7	-0.73	56161.58	56169.28125	56169.15680	56176.73047	505028.8	5407775.0
L5030.0	505028.8	5407775.0	4540.70020	267.16	102.98	48.822936	-86.931489	56161.49	56250.7	-0.73	56160.76	56168.39453	56168.59668	56176.09766	505028.8	5407775.0
L5030.0	505028.8	5407776.3	4540.79981	267.38	102.98	48.822948	-86.931489	56160.54	56250.7	-0.73	56159.81	56167.37891	56167.37233	56174.80078	505028.8	5407776.3
L5030.0	505028.8	5407777.4	4540.89990	265.61	101.16	48.822957	-86.931489	56159.75	56250.7	-0.74	56159.01	56166.51563	56166.81528	56174.17188	505028.8	5407777.4
L5030.0	505028.8	5407778.9	4541.00000	266.97	99.4	48.822971	-86.931489	56158.90	56250.7	-0.74	56158.16	56165.59766	56166.24900	56173.53125	505028.8	5407778.9
L5030.0	505028.8	5407778.9	4541.10010	265.95	99.4	48.822971	-86.931489	56158.09	56250.7	-0.75	56157.34	56164.71094	56165.68551	56172.89453	505028.8	5407778.9
L5030.0	505028.8	5407780.2	4541.20020	266.42	99.4	48.822982	-86.931489	56157.25	56250.8	-0.75	56156.49	56163.78906	56165.11171	56172.25000	505028.8	5407780.2
L5030.0	505028.8	5407781.8	4541.29981	255.91	99.6	48.822997	-86.931490	56156.46	56250.8	-0.76	56155.70	56162.92969	56164.54066	56171.60547	505028.8	5407781.8
L5030.0	505028.8	5407781.8	4541.39990	252.83	99.57	48.822997	-86.931490	56155.60	56250.8	-0.77	56154.83	56161.98828	56163.94785	56170.93750	505028.8	5407781.8
L5030.0	505028.7	5407783.5	4541.50000	255.43	99.57	48.823012	-86.931490	56154.77	56250.8	-0.77	56154.00	56161.08984	56163.35086	56170.26953	505028.7	5407783.5
L5030.0	505028.7	5407784.7	4541.60010	254.63	94.9	48.823023	-86.931490	56153.93	56250.8	-0.78	56153.15	56160.16797	56162.73868	56169.58594	505028.7	5407784.7
L5030.0	505028.7	5407786.0	4541.70020	263.66	94.9	48.823035	-86.931490	56153.13	56250.8	-0.79	56152.34	56159.28516	56162.11950	56168.89453	505028.7	5407786.0
L5030.0	505028.7	5407786.0	4541.79981	265.51	97.06	48.823035	-86.931490	56152.34	56250.8	-0.80	56151.55	56158.42188	56161.48981	56168.19141	505028.7	5407786.0
L5030.0	505028.7	5407787.6	4541.89990	266.39	97.06	48.823050	-86.931491	56151.57	56250.8	-0.80	56150.77	56157.56641	56160.84798	56167.47656	505028.7	5407787.6
L5030.0	505028.7	5407789.1	4542.00000	266.53	98.48	48.823063	-86.931491	56150.75	56250.8	-0.81	56149.94	56156.66406	56160.18454	56166.74219	505028.7	5407789.1
L5030.0	505028.6	5407790.4	4542.10010	264.96	98.48	48.823074	-86.931491	56150.08	56250.8	-0.81	56149.27	56155.91797	56159.53499	56166.02344	505028.6	5407790.4
L5030.0	505028.6	5407791.5	4542.20020	269.06	104.06	48.823085	-86.931491	56149.31	56250.8	-0.82	56148.49	56155.06250	56158.85570	56165.27344	505028.6	5407791.5
L5030.0	505028.6	5407791.5	4542.29981	261.36	104.06	48.823085	-86.931491	56148.52	56250.8	-0.82	56147.70	56154.19922	56158.16350	56164.51172	505028.6	5407791.5
L5030.0	505028.6	5407793.0	4542.39990	263.75	103.17	48.823098	-86.931491	56147.81	56250.8	-0.82	56146.99	56153.41406	56157.47667	56163.75391	505028.6	5407793.0
L5030.0	505028.6	5407794.8	4542.50000	264.98	103.17	48.823114	-86.931491	56147.06	56250.8	-0.82	56146.23	56152.57813	56156.77283	56162.98047	505028.6	5407794.8
L5030.0	505028.6	5407795.9	4542.60010	268.74	86.3	48.823124	-86.931492	56146.38	56250.8	-0.83	56145.55	56151.82031	56156.99448	56163.13281	505028.6	5407795.9
L5030.0	505028.6	5407795.9	4542.70020	268.31	86.3	48.823124	-86.931492	56145.74	56250.8	-0.83	56144.91	56151.10547	56156.28483	56162.35547	505028.6	5407795.9
L5030.0	505028.6	5407797.2	4542.79981	268.32	91.57	48.823136	-86.931492	56145.00	56250.8	-0.83	56144.17	56150.28906	56155.58228	56161.58594	505028.6	5407797.2
L5030.0	505028.6	5407798.5	4542.89990	270.31	92.11	48.823147	-86.931492	56144.32	56250.8	-0.84	56143.48	56149.52344	56154.87894	56160.81641	505028.6	5407798.5
L5030.0	505028.6	5407800.0	4543.00000	270.23	92.11	48.823161	-86.931492	56143.72	56250.8	-0.84	56142.88	56148.84766	56154.17777	56160.05078	505028.6	5407800.0
L5030.0	505028.6	5407800.0	4543.10010	270.29	92.99	48.823161	-86.931492	56143.08	56250.8	-0.85	56142.24	56148.12891	56153.48596	56159.29297	505028.6	5407800.0
L5030.0	505028.6	5407801.5	4543.20020	270.49	92.84	48.823175	-86.931492	56142.47	56250.9	-0.85	56141.62	56147.43359	56152.80328	56158.54688	505028.6	5407801.5
L5030.0	505028.6	5407802.9	4543.29981	272.15	92.84	48.823187	-86.931492	56141.94	56250.9	-0.86	56141.08	56146.81641	56152.13189	56157.81250	505028.6	5407802.9
L5030.0	505028.6	5407802.9	4543.39990	270.57	93.29	48.823187	-86.931492	56141.21	56250.9	-0.87	56140.35	56146.01172	56151.47225	56157.09375	505028.6	5407802.9
L5030.0	505028.6	5407804.4	4543.50000	271.49	93.29	48.823200	-86.931492	56140.66	56250.9	-0.88	56139.79	56145.37500	56150.82853	56156.38672	505028.6	5407804.4
L5030.0	505028.6	5407805.9	4543.60010	270.46	90.04	48.823214	-86.931492	56140.13	56250.9	-0.88	56139.24	56144.75000	56150.20148	56155.69922	505028.6	5407805.9
L5030.0	505028.6	5407807.1	4543.70020	271.39	90.04	48.823225	-86.931492	56139.54	56250.9	-0.89	56138.65	56144.08594	56149.58977	56155.03125	505028.6	5407807.1
L5030.0	505028.6	5407808.6	4543.79981	273.04	89.05	48.823238	-86.931492	56138.90	56250.9	-0.90	56138.01	56143.37109	56148.99223	56154.37500	505028.6	5407808.6
L5030.0	505028.6	5407808.6	4543.89990	270.90	91.93	48.823238	-86.931492	56138.41	56250.9	-0.90	56137.50	56142.78906	56148.41641	56153.74609	505028.6	5407808.6
L5030.0	505028.6	5407810.1	4544.00000	273.27	91.93	48.823252	-86.931492	56137.80	56250.9	-0.91	56136.89	56142.10547	56147.85234	56153.12500	505028.6	5407810.1
L5030.0	505028.6	5407811.8	4544.10010	271.40	90.63	48.823267	-86.931492	56137.21	56250.9	-0.91	56136.30	56141.44141	56147.30469	56152.52344	505028.6	5407811.8
L5030.0	505028.6	5407813.0	4544.20020	270.52	90.63	48.823278	-86.931492	56136.68	56250.9	-0.92	56135.77	56140.83984	56146.77499	56151.94141	505028.6	5407813.0
L5030.0	505028.6	5407813.0	4544.29981	272.81	89.94	48.823278	-86.931492	56136.18	56250.9	-0.92	56135.26	56140.25781	56146.26035	56151.37891	505028.6	5407813.0
L5030.0	505028.6	5407814.3	4544.39990	272.89	92.42	48.823290	-86.931492	56135.60	56250.9	-0.92	56134.68	56139.60938	56145.75507	56150.82422	505028.6	5407814.3
L5030.0	505028.6	5407815.4	4544.50000	271.46	92.42	48.823300	-86.931492	56135.07	56250.9	-0.93	56134.14	56138.99609	56145.26316	56150.28516	505028.6	5407815.4
L5030.0	505028.6	5407815.4	4544.60010	271.15	96.89	48.823300	-86.931492	56134.57	56250.9	-0.93	56133.65	56138.43750	56144.78334	56149.75781	505028.6	5407815.4

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5030.0	505028.6	5407817.2	4544.70020	271.42	96.29	48.823316	-86.931492	56134.12	56250.9	-0.93	56133.19	56137.91016	56144.31262	56149.24219	505028.6	5407817.2
L5030.0	505028.6	5407819.0	4544.79981	272.29	96.29	48.823332	-86.931492	56133.62	56250.9	-0.93	56132.69	56137.34375	56143.84620	56148.73438	505028.6	5407819.0
L5030.0	505028.6	5407819.0	4544.89990	271.75	97.08	48.823332	-86.931492	56133.16	56250.9	-0.94	56132.23	56136.81641	56143.38521	56148.23047	505028.6	5407819.0
L5030.0	505028.5	5407820.8	4545.00000	272.02	93.89	48.823348	-86.931492	56132.66	56250.9	-0.94	56131.72	56136.24219	56142.92429	56147.73047	505028.5	5407820.8
L5030.0	505028.5	5407822.4	4545.10010	272.85	93.89	48.823362	-86.931492	56132.08	56250.9	-0.94	56131.14	56135.59766	56142.46189	56147.23047	505028.5	5407822.4
L5030.0	505028.5	5407824.0	4545.20020	271.75	93.89	48.823377	-86.931492	56131.60	56251	-0.95	56130.65	56135.04297	56142.00243	56146.73438	505028.5	5407824.0
L5030.0	505028.5	5407824.0	4545.29981	269.49	86.58	48.823377	-86.931492	56131.14	56251	-0.96	56130.19	56134.52344	56141.54276	56146.23828	505028.5	5407824.0
L5030.0	505028.5	5407825.5	4545.39990	270.08	92.47	48.823391	-86.931492	56130.74	56251	-0.96	56129.78	56134.05078	56141.08273	56145.74609	505028.5	5407825.5
L5030.0	505028.5	5407825.5	4545.50000	269.23	92.47	48.823391	-86.931492	56130.36	56251	-0.96	56129.39	56133.60156	56140.62135	56145.25391	505028.5	5407825.5
L5030.0	505028.5	5407827.3	4545.60010	270.04	92.06	48.823407	-86.931493	56130.01	56251	-0.97	56129.04	56133.19531	56140.15879	56144.76172	505028.5	5407827.3
L5030.0	505028.5	5407828.9	4545.70020	269.72	92.06	48.823421	-86.931493	56129.64	56251	-0.97	56128.67	56132.76953	56139.69322	56144.26953	505028.5	5407828.9
L5030.0	505028.5	5407830.7	4545.79981	268.27	91.44	48.823437	-86.931493	56129.32	56251	-0.98	56128.34	56132.38281	56139.22648	56143.77734	505028.5	5407830.7
L5030.0	505028.5	5407830.7	4545.89990	272.94	91.44	48.823437	-86.931493	56128.84	56251	-0.99	56127.86	56131.85156	56138.75256	56143.28125	505028.5	5407830.7
L5030.0	505028.5	5407832.2	4546.00000	271.16	92.39	48.823451	-86.931493	56128.48	56251	-0.99	56127.49	56131.42969	56138.28059	56142.78906	505028.5	5407832.2
L5030.0	505028.5	5407833.8	4546.10010	270.54	92.39	48.823465	-86.931492	56128.03	56251	-1.00	56127.04	56130.92969	56137.80447	56142.29297	505028.5	5407833.8
L5030.0	505028.5	5407833.8	4546.20020	268.39	96.78	48.823465	-86.931492	56127.56	56251	-1.00	56126.56	56130.39844	56137.32641	56141.79688	505028.5	5407833.8
L5030.0	505028.5	5407834.9	4546.29981	269.54	93.77	48.823475	-86.931492	56127.22	56251	-1.01	56126.21	56130.00391	56136.85398	56141.31250	505028.5	5407834.9
L5030.0	505028.5	5407836.2	4546.39990	272.84	93.77	48.823487	-86.931492	56126.77	56251	-1.01	56125.76	56129.50781	56136.37820	56140.82031	505028.5	5407836.2
L5030.0	505028.5	5407837.5	4546.50000	274.32	95.09	48.823498	-86.931492	56126.39	56251	-1.02	56125.37	56129.07422	56135.90704	56140.33984	505028.5	5407837.5
L5030.0	505028.5	5407837.5	4546.60010	274.72	96.39	48.823498	-86.931492	56125.98	56251	-1.03	56124.95	56128.60938	56135.43702	56139.85938	505028.5	5407837.5
L5030.0	505028.6	5407839.1	4546.70020	272.95	96.39	48.823513	-86.931491	56125.63	56251	-1.03	56124.60	56128.22266	56134.97462	56139.39063	505028.6	5407839.1
L5030.0	505028.6	5407840.6	4546.79981	274.30	95.95	48.823527	-86.931491	56125.13	56251	-1.04	56124.09	56127.67188	56134.50737	56138.92188	505028.6	5407840.6
L5030.0	505028.6	5407842.0	4546.89990	271.75	93.85	48.823538	-86.931491	56124.82	56251	-1.04	56123.78	56127.32813	56134.05738	56138.46875	505028.6	5407842.0
L5030.0	505028.6	5407842.0	4547.00000	272.42	93.85	48.823538	-86.931491	56124.37	56251.1	-1.05	56123.32	56126.83203	56133.60378	56138.01563	505028.6	5407842.0
L5030.0	505028.6	5407843.3	4547.10010	274.39	94.58	48.823551	-86.931490	56123.95	56251.1	-1.05	56122.90	56126.37891	56133.15894	56137.57031	505028.6	5407843.3
L5030.0	505028.7	5407845.3	4547.20020	272.80	94.58	48.823569	-86.931490	56123.58	56251.1	-1.06	56122.53	56125.98047	56132.72427	56137.14063	505028.7	5407845.3
L5030.0	505028.7	5407846.7	4547.29981	273.17	94.92	48.823581	-86.931490	56123.15	56251.1	-1.06	56122.09	56125.51172	56132.29164	56136.71484	505028.7	5407846.7
L5030.0	505028.7	5407846.7	4547.39990	271.74	94.92	48.823581	-86.931490	56122.80	56251.1	-1.06	56121.73	56125.12500	56131.87160	56136.30469	505028.7	5407846.7
L5030.0	505028.7	5407848.3	4547.50000	270.44	93.78	48.823595	-86.931489	56122.42	56251.1	-1.07	56121.35	56124.72266	56131.45675	56135.89844	505028.7	5407848.3
L5030.0	505028.7	5407849.9	4547.60010	269.46	89.86	48.823609	-86.931489	56122.04	56251.1	-1.07	56120.97	56124.32031	56131.04743	56135.50391	505028.7	5407849.9
L5030.0	505028.7	5407849.9	4547.70020	269.97	89.86	48.823609	-86.931489	56121.81	56251.1	-1.07	56120.74	56124.07031	56130.65326	56135.12500	505028.7	5407849.9
L5030.0	505028.8	5407851.7	4547.79981	271.67	93.34	48.823626	-86.931488	56121.40	56251.1	-1.07	56120.32	56123.63281	56130.24864	56134.73828	505028.8	5407851.7
L5030.0	505028.8	5407853.3	4547.89990	272.14	93.34	48.823640	-86.931488	56120.95	56251.1	-1.08	56119.88	56123.17578	56129.84479	56134.35156	505028.8	5407853.3
L5030.0	505028.9	5407854.6	4548.00000	271.65	93.18	48.823652	-86.931487	56120.52	56251.1	-1.08	56119.44	56122.72266	56129.44306	56133.97266	505028.9	5407854.6
L5030.0	505028.9	5407854.6	4548.10010	271.86	93.27	48.823652	-86.931487	56120.14	56251.1	-1.09	56119.06	56122.33203	56129.04849	56133.60156	505028.9	5407854.6
L5030.0	505028.9	5407856.0	4548.20020	271.04	93.27	48.823664	-86.931487	56119.84	56251.1	-1.09	56118.75	56122.01563	56128.66238	56133.24219	505028.9	5407856.0
L5030.0	505028.9	5407857.3	4548.29981	271.15	92.8	48.823676	-86.931486	56119.48	56251.1	-1.10	56118.38	56121.63672	56128.27671	56132.88281	505028.9	5407857.3
L5030.0	505029.0	5407858.4	4548.39990	272.38	92.8	48.823686	-86.931486	56119.08	56251.1	-1.10	56117.98	56121.23438	56127.89522	56132.53516	505029.0	5407858.4
L5030.0	505029.0	5407858.4	4548.50000	271.15	84.2	48.823686	-86.931486	56118.72	56251.1	-1.11	56117.61	56120.86328	56127.52412	56132.19531	505029.0	5407858.4
L5030.0	505029.0	5407859.7	4548.60010	269.83	82.73	48.823698	-86.931485	56118.38	56251.1	-1.12	56117.26	56120.51563	56127.16369	56131.87109	505029.0	5407859.7
L5030.0	505029.1	5407861.3	4548.70020	269.58	82.73	48.823712	-86.931484	56117.91	56251.1	-1.12	56116.78	56120.03906	56126.80604	56131.55078	505029.1	5407861.3
L5030.0	505029.1	5407862.7	4548.79981	269.25	83.16	48.823725	-86.931484	56117.66	56251.1	-1.13	56116.54	56119.80469	56126.47450	56131.25781	505029.1	5407862.7
L5030.0	505029.1	5407862.7	4548.89990	271.91	83.16	48.823725	-86.931484	56117.13	56251.1	-1.13	56116.00	56119.27344	56126.13815	56130.96094	505029.1	5407862.7
L5030.0	505029.1	5407864.3	4549.00000	272.56	82.58	48.823739	-86.931483	56116.80	56251.1	-1.14	56115.66	56118.94141	56125.82389	56130.69141	505029.1	5407864.3
L5030.0	505029.2	5407865.6	4549.10010	272.22	85.31	48.823751	-86.931483	56116.38	56251.1	-1.14	56115.24	56118.53516	56125.51712	56130.42969	505029.2	5407865.6
L5030.0	505029.2	5407867.0	4549.20020	273.39	85.31	48.823764	-86.931482	56116.02	56251.1	-1.15	56114.87	56118.18359	56125.22193	56130.18359	505029.2	5407867.0
L5030.0	505029.2	5407868.0	4549.29981	271.98	91.74	48.823772	-86.931482	56115.66	56251.2	-1.15	56114.51	56117.83984	56124.93430	56129.94531	505029.2	5407868.0
L5030.0	505029.2	5407868.0	4549.39990	272.89	91.63	48.823772	-86.931482	56115.24	56251.2	-1.16	56114.08	56117.42969	56124.65097	56129.71484	505029.2	5407868.0
L5030.0	505029.3	5407869.6	4549.50000	272.94	91.63	48.823787	-86.931482	56114.91	56251.2	-1.16	56113.75	56117.12500	56124.37222	56129.48828	505029.3	5407869.6
L5030.0	505029.3	5407870.9	4549.60010	271.25	86.25	48.823799	-86.931481	56114.50	56251.2	-1.16	56113.34	56116.74219	56124.09396	56129.26563	505029.3	5407870.9
L5030.0	505029.3	5407872.0	4549.70020	269.53	88.57	48.823809	-86.931481	56114.07	56251.2	-1.17	56112.90	56116.32813	56123.81513	56129.04297	505029.3	5407872.0
L5030.0	505029.3	5407873.4	4549.79981	269.08	88.57	48.823821	-86.931481	56113.76	56251.2	-1.17	56112.59	56116.05078	56123.53109	56128.82031	505029.3	5407873.4
L5030.0	505029.3	5407873.4	4549.89990	267.88	85.63	48.823821	-86.931481	56113.34	56251.2	-1.18	56112.17	56115.66406	56123.24376	56128.59375	505029.3	5407873.4
L5030.0	505029.3	5407875.2	4550.00000	267.65	88.69	48.823838	-86.931481	56113.00	56251.2	-1.18	56111.82	56115.35156	56122.94763	56128.36328	505029.3	5407875.2
L5030.0	505029.3	5407876.9	4550.10010	265.29	88.69	48.823853	-86.931481	56112.66	56251.2	-1.19	56111.47	56115.03906	56122.64362	56128.12109	505029.3	5407876.9
L5030.0	505029.3	5407878.2	4550.20020	265.87	82.61	48.823865	-86.931481	56112.20	56251.2	-1.19	56111.00	56114.60938	56122.33691	56127.88281	505029.3	5407878.2
L5030.0	505029.3	5407878.2	4550.29981	265.82	82.61	48.823865	-86.931481	56111.92	56251.2	-1.20	56110.72	56114.37500	56122.01298	56127.62891	505029.3	5407878.2
L5030.0	505029.3	5407879.9	4550.39990	264.71	83.51	48.823879	-86.931481	56111.44	56251.2	-1.21	56110.23	56113.93359	56121.69123	56127.37891	505029.3	5407879.9
L5030.0	505029.3	5407881.5	4550.50000	266.20	83.51	48.823894	-86.931481	56111.11	56251.2	-1.21	56109.89	56113.64063	56121.35143	56127.10938	505029.3	5407881.5
L5030.0	505029.3	5407882.7	4550.60010	267.73	83.3	48.823905	-86.931481	56110.78	56251.2	-1.22	56109.56	56113.36328	56120.99961	56126.83203	505029.3	5407882.7
L5030.0	505029.3	5407884.3	4550.70020	267.04	83.3	48.823919	-86.931481	56110.43	56251.2	-1.23	56109.21	56113.06641	56120.63651	56126.54297	505029.3	5407884.3
L5030.0	505029.3	5407884.3	4550.79981	267.50	86.16	48.823919	-86.931481	56110.02	56251.2	-1.24	56108.78	56112.69531	56120.26476	56126.25000	505029.3	5407884.3
L5030.0	505029.3	5407885.9	4550.89990	268.29	86.16	48.823934	-86.931481	56109.72	56251.2	-1.24	56108.48	56112.45313	56119.87313	56125.93750	505029.3	5407885.9
L5030.0	505029.3	5407887.4	4551.00000	270.18	79.23	48.823947	-86.931481	56109.34	56251.3	-1.25	56108.09	56112.12500	56119.47479	56125.61719	505029.3	5407887.4
L5030.0	505029.3	5407888.8	4551.10010	271.68	91.6	48.823960	-86.931481	56108.91	56251.3	-1.25	56107.66	56111.76172	56119.06868	56125.29297	505029.3	5407888.8
L5030.0	505029.2	5407890.4	4551.20020	272.29	91.6	48.823974	-86.931482	56108.61	56251.3	-1.26	56107.35	56111.51563	56118.65070	56124.95703	505029.2	5407890.4
L5030.0	505029.2	5407890.4	4551.29981	271.25	91.6	48.823974	-86.931482	56108.25	56251.3	-1.26	56106.99	56111.22656	56118.23088	56124.62500	505029.2	5407890.4
L5030.0	505029.2	5407892.3	4551.39990	271.88	81.04	48.823992	-86.931482	56107.95	56251.3	-1.27	56106.68	56110.98828	56117.80923	56124.28906	505029.2	5407892.3
L5030.0	505029.2	5407893.4	4551.50000	272.59	86.49	48.824002	-86.931482	56107.57	56251.3	-1.27	56106.30	56110.68359	56117.39233	56123.95703	505029.2	5407893.4
L5030.0	505029.2	5407893.4	4551.60010	266.23	86.49	48.824002	-86.931482	56107.17	56251.3	-1.27	56105.89	56110.35156	56116.98101	56123.63672	505029.2	5407893.4
L5030.0	505029.2	5407894.9	4551.70020	264.78	91.51	48.824014	-86.931482	56106.91	56251.3	-1.28	56105.63	56110.17188	56116.57717	56123.32031	505029.2	5407894.9
L5030.0	505029.2	5407896.5	4551.79981	270.63	91.51	48.824029	-86.931483	56106.56	56251.3	-1.28	56105.28	56109.90234	56116.18502	56123.01953	505029.2	5407896.5
L5030.0	505029.2	5407896.5	4551.89990	270.05	87.06	48.824029	-86.931483	56106.23	56251.3	-1.29	56104.94	56109.64844	56115.80503	56122.73047	505029.2	5407896.5
L5030.0	505029.1	5407898.2	4552.00000	269.75	87.06	48.824045	-86.931483	56105.85	56251.3	-1.29	56104.56	56109.35547	56115.43736	56122.45703	505029.1	5407898.2
L5030.0	505029.1	5407899.6	4552.10010	271.68	84.19	48.824057	-86.931483	56105.60	56251.3	-1.29	56104.30	56109.18359	56115.08428	56122.19531	505029.1	5407899.6
L5030.0	505029.1	5407901.0	4552.20020	272.36	84.19	48.824069	-86.931483	56105.21	56251.3	-1.30	56103.92	56108.89453	56114.74297	56121.94922	505029.1	5407901.0
L5030.0	505029.1	5407901.0	4552.29981	272.54	87.82	48.824069	-86.931483	56104.96	56251.3	-1.30	56103.65	56108.71875	56114.41496	56121.71875	505029.1	5407901.0
L5030.0	505029.1	5407902.6	4552.39990	270.47	91.9	48.824084	-86.931484	56104.54	56251.3	-1.31	56103.23	56108.39844	56114.09618	56121.49609	505029.1	5407902.6
L5030.0	505029.1	5407904.0	4552.50000	268.89	91.9	48.824097	-86.931484	56104.23	56251.3	-1.31	56102.92	56108.18750	56113.78839	56121.28516	505029.1	5407904.0
L5030.0	505029.1	5407905.6	4552.60010	267.07	91.64	48.824111	-86.931484	56104.01	56251.3	-1.31	56102.69	56108.05859	56113.48897	56121.08594	505029.1	5407905.6
L5030.0	505029.1	5407906.7	4552.70020	261.08	78.58	48.824121	-86.931484	56103.65	56251.3	-1.32	56102.33	56107.80078	56113.19517	56120.89063	505029.1	5407906.7
L5030.0	505029.1	5407906.7	4552.79981	263.23	78.58	48.824121	-86.931484	56103.35	56251.3	-1.32	56102.03	56107.60547	56112.90755	56120.70313	505029.1	5407906.7
L5030.0	505029.1	5407908.1	4552.89990	269.11	78.39	48.824134	-86.931484	56102.99	56251.3	-1.33	56101.66	56107.34375	56112.62466	56120.51953	505029.1	5407908.1
L5030.0	505029.0	5407909.6	4553.00000	269.18	78.39	48.824147	-86.931484	56102.79	56251.3	-1.33	56101.46	56107.25391	56112.34545	56120.33984	505029.0	5407909.6
L5030.0	505029.0	5407910.9	4553.10010	269.88	84.42	48.824159	-86.931484	56102.41	56251.3	-1.33	56101.07	56106.97656	56112.07211	56120.16797	505029.0	5407910.9
L5030.0	505029.0	5407910.9	4553.20020	270.38	92.05	48.824159	-86.931484	56102.13	56251.3	-1.34	56100.79	56106.81250	56111.80378	56120.00391	505029.0	5407910.9
L5030.0	505029.0	5407912.6	4553.29981	271.18	92.05	48.824174	-86.931484	56101.82	56251.3	-1.35	56100.48	56106.61719	56111.54446	56119.84766	505029.0	5407912.6
L5030.0	505029.0	5407914.5	4553.39990	270.11	91.96	48.824191	-86.931485	56101.53	56251.3	-1.35	56100.18	56106.43750	56111.29541	56119.69922	505029.0	5407914.5
L5030.0	505029.0	5407914.5	4553.50000	268.69	91.96	48.824191	-86.931485	56101.18	56251.4	-1.35	56099.82	56106.19922	56111.05868	56119.56641	505029.0	5407914.5
L5030.0	505029.0	5407916.4	4553.60010	267.77	80.51	48.824208	-86.931485	56100.86	56251.4	-1.36	56099.50	56106.00000	56110.83156	56119.44141	505029.0	5407916.4
L5030.0	505028.9	5407918.0	4553.70020	267.56	92.45	48.824223	-86.931486	56100.54	56251.4	-1.36	56099.17	56105.79688	56110.61397	56119.32813	505028.9	5407918.0
L5030.0	505028.9	5407919.7	4553.79981	268.80	92.45	48.824238	-86.931486	56100.23	56251.4	-1.37	56098.86	56105.61328	56110.40362	56119.22266	505028.9	5407919.7
L5030.0	505028.9	5407919.7	4553.89990	267.18	87.64	48.824238	-86.931486	56099.93	56251.4	-1.38	56098.56	56105.44141	56110.19953	56119.12109	505028.9	5407919.7

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5030.0	505028.9	5407921.7	4554.00000	267.80	87.64	48.824255	-86.931487	56099.65	56251.4	-1.38	56098.27	56105.28125	56110.00006	56119.02734	505028.9	5407921.7
L5030.0	505028.8	5407923.4	4554.10010	269.21	92.88	48.824271	-86.931487	56099.35	56251.4	-1.38	56097.97	56105.11328	56109.80593	56118.93359	505028.8	5407923.4
L5030.0	505028.8	5407923.4	4554.20020	269.26	92.88	48.824271	-86.931487	56099.07	56251.4	-1.39	56097.69	56104.96875	56109.25306	56118.48828	505028.8	5407923.4
L5030.0	505028.8	5407925.2	4554.29981	267.84	82.69	48.824287	-86.931487	56098.76	56251.4	-1.39	56097.37	56104.78516	56109.05504	56118.39063	505028.8	5407925.2
L5030.0	505028.8	5407926.9	4554.39990	267.31	93.18	48.824303	-86.931488	56098.49	56251.4	-1.39	56097.10	56104.65234	56108.86708	56118.30859	505028.8	5407926.9
L5030.0	505028.7	5407928.1	4554.50000	268.13	93.18	48.824313	-86.931488	56098.20	56251.4	-1.39	56096.81	56104.50391	56108.67507	56118.21875	505028.7	5407928.1
L5030.0	505028.7	5407928.1	4554.60010	269.15	82.76	48.824313	-86.931488	56097.91	56251.4	-1.40	56096.51	56104.34375	56108.47978	56118.12891	505028.7	5407928.1
L5030.0	505028.7	5407930.0	4554.70020	269.89	82.76	48.824330	-86.931488	56097.58	56251.4	-1.40	56096.18	56104.15625	56108.27703	56118.02734	505028.7	5407930.0
L5030.0	505028.7	5407930.0	4554.79981	263.60	84.17	48.824330	-86.931488	56097.27	56251.4	-1.40	56095.87	56103.99219	56108.07375	56117.92578	505028.7	5407930.0
L5030.0	505028.7	5407931.3	4554.89990	264.71	92.86	48.824342	-86.931488	56097.05	56251.4	-1.41	56095.64	56103.91016	56107.87715	56117.83203	505028.7	5407931.3
L5030.0	505028.7	5407932.8	4555.00000	263.20	92.86	48.824356	-86.931489	56096.79	56251.4	-1.41	56095.38	56103.79688	56107.66939	56117.72656	505028.7	5407932.8
L5030.0	505028.7	5407933.9	4555.10010	262.28	92.86	48.824366	-86.931489	56096.59	56251.4	-1.41	56095.18	56103.74609	56107.46210	56117.62109	505028.7	5407933.9
L5030.0	505028.7	5407935.5	4555.20020	260.80	92.42	48.824380	-86.931489	56096.39	56251.4	-1.40	56094.99	56103.70703	56107.24701	56117.50781	505028.7	5407935.5
L5030.0	505028.7	5407937.0	4555.29981	263.63	92.46	48.824393	-86.931489	56096.16	56251.4	-1.40	56094.76	56103.62891	56107.01690	56117.37891	505028.7	5407937.0
L5030.0	505028.7	5407937.0	4555.39990	263.43	92.46	48.824393	-86.931489	56095.90	56251.4	-1.40	56094.50	56103.52344	56106.77250	56117.23438	505028.7	5407937.0
L5030.0	505028.6	5407938.6	4555.50000	263.72	92.42	48.824408	-86.931489	56095.68	56251.4	-1.40	56094.29	56103.46875	56106.52273	56117.08203	505028.6	5407938.6
L5030.0	505028.6	5407938.6	4555.60010	265.10	92.68	48.824408	-86.931489	56095.31	56251.4	-1.39	56093.91	56103.24609	56106.24010	56116.89844	505028.6	5407938.6
L5030.0	505028.6	5407940.5	4555.70020	266.81	92.68	48.824425	-86.931489	56095.09	56251.4	-1.39	56093.71	56103.20313	56105.96619	56116.72266	505028.6	5407940.5
L5030.0	505028.6	5407941.9	4555.79981	264.88	92.79	48.824437	-86.931490	56094.85	56251.4	-1.39	56093.46	56103.11328	56105.67237	56116.52344	505028.6	5407941.9
L5030.0	505028.6	5407941.9	4555.89990	265.29	92.85	48.824437	-86.931490	56094.54	56251.4	-1.38	56093.16	56102.97656	56105.35790	56116.30859	505028.6	5407941.9
L5030.0	505028.6	5407945.2	4556.00000	264.03	92.85	48.824467	-86.931490	56094.44	56251.4	-1.38	56093.06	56103.03516	56105.05290	56116.09766	505028.6	5407945.2
L5030.0	505028.6	5407945.2	4556.10010	256.90	88.34	48.824467	-86.931490	56094.24	56251.4	-1.38	56092.86	56103.00000	56104.72082	56115.85938	505028.6	5407945.2
L5030.0	505028.6	5407946.8	4556.20020	256.63	88.34	48.824481	-86.931490	56094.04	56251.4	-1.38	56092.65	56102.95313	56104.37298	56115.60547	505028.6	5407946.8
L5030.0	505028.6	5407946.8	4556.29981	264.14	92.81	48.824481	-86.931490	56093.84	56251.4	-1.39	56092.45	56102.91797	56104.01501	56115.33984	505028.6	5407946.8
L5030.0	505028.5	5407948.6	4556.39990	265.85	93.58	48.824498	-86.931490	56093.59	56251.4	-1.39	56092.20	56102.83594	56103.64216	56115.05859	505028.5	5407948.6
L5030.0	505028.5	5407950.0	4556.50000	265.85	93.58	48.824511	-86.931491	56093.35	56251.4	-1.39	56091.96	56102.76563	56103.26576	56114.77344	505028.5	5407950.0
L5030.0	505028.5	5407951.4	4556.60010	264.87	93.58	48.824523	-86.931491	56093.15	56251.4	-1.39	56091.76	56102.73438	56102.89378	56114.49219	505028.5	5407951.4
L5030.0	505028.5	5407951.4	4556.70020	265.68	93.85	48.824523	-86.931491	56092.90	56251.4	-1.39	56091.51	56102.65234	56102.51313	56114.19922	505028.5	5407951.4
L5030.0	505028.5	5407952.8	4556.79981	264.89	92.63	48.824536	-86.931491	56092.70	56251.4	-1.40	56091.30	56102.61328	56102.14074	56113.91406	505028.5	5407952.8
L5030.0	505028.5	5407954.7	4556.89990	265.85	92.63	48.824552	-86.931491	56092.47	56251.4	-1.40	56091.07	56102.55469	56101.76826	56113.62891	505028.5	5407954.7
L5030.0	505028.5	5407955.9	4557.00000	266.07	95.62	48.824563	-86.931491	56092.24	56251.4	-1.40	56090.84	56102.49609	56101.40069	56113.34766	505028.5	5407955.9
L5030.0	505028.5	5407955.9	4557.10010	267.02	95.62	48.824563	-86.931491	56092.06	56251.4	-1.40	56090.66	56102.49219	56101.25992	56113.28906	505028.5	5407955.9
L5030.0	505028.5	5407957.3	4557.20020	266.69	96.62	48.824576	-86.931491	56091.86	56251.4	-1.40	56090.47	56102.47266	56100.90185	56113.01563	505028.5	5407957.3
L5030.0	505028.5	5407958.7	4557.29981	267.15	96.62	48.824589	-86.931491	56091.64	56251.4	-1.39	56090.24	56102.41797	56100.55750	56112.75391	505028.5	5407958.7
L5030.0	505028.5	5407960.3	4557.39990	270.04	97.33	48.824603	-86.931491	56091.48	56251.4	-1.39	56090.09	56102.44531	56100.21854	56112.49609	505028.5	5407960.3
L5030.0	505028.5	5407960.3	4557.50000	269.98	98.87	48.824603	-86.931491	56091.20	56251.4	-1.39	56089.81	56102.34375	56099.89971	56112.25391	505028.5	5407960.3
L5030.0	505028.5	5407962.2	4557.60010	270.53	98.87	48.824621	-86.931491	56091.06	56251.4	-1.39	56089.67	56102.37891	56099.58393	56112.01563	505028.5	5407962.2
L5030.0	505028.5	5407963.8	4557.70020	270.95	99.13	48.824635	-86.931491	56090.82	56251.4	-1.39	56089.44	56102.32813	56099.28482	56111.79688	505028.5	5407963.8
L5030.0	505028.5	5407963.8	4557.79981	272.34	99.13	48.824635	-86.931491	56090.64	56251.4	-1.38	56089.26	56102.32422	56098.99390	56111.57813	505028.5	5407963.8
L5030.0	505028.5	5407965.2	4557.89990	272.02	89.1	48.824647	-86.931491	56090.44	56251.4	-1.38	56089.06	56102.30469	56098.71450	56111.37500	505028.5	5407965.2
L5030.0	505028.5	5407966.6	4558.00000	268.71	89.1	48.824660	-86.931491	56090.25	56251.4	-1.38	56088.87	56102.29297	56098.44409	56111.17578	505028.5	5407966.6
L5030.0	505028.5	5407968.3	4558.10010	267.16	101.3	48.824675	-86.931491	56090.09	56251.4	-1.37	56088.71	56102.31641	56098.18058	56110.98438	505028.5	5407968.3
L5030.0	505028.5	5407969.7	4558.20020	265.69	101.3	48.824687	-86.931491	56089.84	56251.4	-1.37	56088.47	56102.25781	56097.92849	56110.80078	505028.5	5407969.7
L5030.0	505028.5	5407969.7	4558.29981	262.88	102.15	48.824687	-86.931491	56089.61	56251.4	-1.36	56088.24	56102.20703	56097.68264	56110.62500	505028.5	5407969.7
L5030.0	505028.5	5407971.1	4558.39990	263.69	102.15	48.824700	-86.931491	56089.41	56251.4	-1.36	56088.05	56102.19922	56097.44028	56110.44922	505028.5	5407971.1
L5030.0	505028.5	5407972.5	4558.50000	264.11	102.61	48.824712	-86.931491	56089.23	56251.3	-1.35	56087.88	56102.21094	56097.20163	56110.27734	505028.5	5407972.5
L5030.0	505028.5	5407974.1	4558.60010	269.34	102.71	48.824727	-86.931491	56089.06	56251.3	-1.34	56087.71	56102.22656	56096.96749	56110.10547	505028.5	5407974.1
L5030.0	505028.5	5407974.1	4558.70020	269.33	102.71	48.824727	-86.931491	56088.93	56251.3	-1.34	56087.59	56102.28906	56096.73512	56109.93750	505028.5	5407974.1
L5030.0	505028.4	5407975.5	4558.79981	267.91	102.82	48.824740	-86.931491	56088.77	56251.3	-1.33	56087.44	56102.32422	56096.50954	56109.77344	505028.4	5407975.5
L5030.0	505028.4	5407977.2	4558.89990	267.86	101.93	48.824755	-86.931492	56088.57	56251.3	-1.33	56087.25	56102.31641	56096.29176	56109.61328	505028.4	5407977.2
L5030.0	505028.4	5407979.0	4559.00000	267.22	101.93	48.824771	-86.931492	56088.42	56251.3	-1.32	56087.10	56102.35156	56096.07541	56109.45703	505028.4	5407979.0
L5030.0	505028.4	5407979.0	4559.10010	266.48	101.43	48.824771	-86.931492	56088.22	56251.3	-1.32	56086.90	56102.33594	56095.90089	56109.33984	505028.4	5407979.0
L5030.0	505028.4	5407980.4	4559.20020	266.30	101.43	48.824784	-86.931492	56088.02	56251.3	-1.31	56086.70	56102.32422	56095.70701	56109.19922	505028.4	5407980.4
L5030.0	505028.4	5407981.8	4559.29981	266.24	100.11	48.824796	-86.931492	56087.89	56251.3	-1.31	56086.58	56102.39063	56095.53219	56109.07813	505028.4	5407981.8
L5030.0	505028.4	5407981.8	4559.39990	265.84	102.31	48.824796	-86.931492	56087.62	56251.3	-1.31	56086.31	56102.30469	56095.33383	56108.93359	505028.4	5407981.8
L5030.0	505028.4	5407983.6	4559.50000	267.26	102.31	48.824812	-86.931492	56087.54	56251.3	-1.31	56086.23	56102.41016	56095.17213	56108.82031	505028.4	5407983.6
L5030.0	505028.4	5407985.1	4559.60010	267.27	96.5	48.824826	-86.931492	56087.33	56251.3	-1.30	56086.03	56102.39844	56094.99270	56108.69141	505028.4	5407985.1
L5030.0	505028.4	5407985.1	4559.70020	270.11	96.15	48.824826	-86.931492	56087.14	56251.3	-1.30	56085.84	56102.39453	56094.81739	56108.56250	505028.4	5407985.1
L5030.0	505028.3	5407986.7	4559.79981	268.72	96.15	48.824841	-86.931493	56086.92	56251.3	-1.30	56085.63	56102.37109	56094.64096	56108.43359	505028.3	5407986.7
L5030.0	505028.3	5407988.5	4559.89990	271.74	97.1	48.824857	-86.931493	56086.68	56251.3	-1.29	56085.39	56102.32031	56094.46176	56108.30078	505028.3	5407988.5
L5030.0	505028.3	5407988.5	4560.00000	265.40	97.1	48.824857	-86.931493	56086.53	56251.3	-1.29	56085.24	56102.35938	56094.29443	56108.17578	505028.3	5407988.5
L5030.0	505028.3	5407990.1	4560.10010	264.83	98.21	48.824871	-86.931493	56086.27	56251.3	-1.29	56084.99	56102.29688	56094.11417	56108.03516	505028.3	5407990.1
L5030.0	505028.3	5407991.4	4560.20020	269.72	75.51	48.824883	-86.931493	56086.02	56251.3	-1.28	56084.74	56102.23438	56093.93337	56107.89453	505028.3	5407991.4
L5030.0	505028.3	5407993.0	4560.29981	269.97	75.51	48.824897	-86.931493	56085.76	56251.3	-1.28	56084.48	56102.16406	56093.75019	56107.75000	505028.3	5407993.0
L5030.0	505028.3	5407993.0	4560.39990	270.99	86.58	48.824897	-86.931493	56085.48	56251.3	-1.28	56084.21	56102.08203	56093.56391	56107.60156	505028.3	5407993.0
L5030.0	505028.3	5407994.8	4560.50000	261.47	92.71	48.824914	-86.931494	56085.34	56251.3	-1.28	56084.06	56102.12109	56093.38320	56107.45703	505028.3	5407994.8
L5030.0	505028.3	5407996.2	4560.60010	260.32	92.71	48.824926	-86.931494	56085.18	56251.3	-1.27	56083.91	56102.16016	56093.19624	56107.30469	505028.3	5407996.2
L5030.0	505028.3	5407996.2	4560.70020	259.61	95.35	48.824926	-86.931494	56085.11	56251.3	-1.27	56083.84	56102.27734	56093.00626	56107.14844	505028.3	5407996.2
L5030.0	505028.3	5407997.6	4560.79981	256.96	95.35	48.824938	-86.931494	56084.86	56251.3	-1.27	56083.59	56102.21484	56092.79876	56106.97266	505028.3	5407997.6
L5030.0	505028.2	5407998.9	4560.89990	258.39	90.73	48.824950	-86.931494	56084.80	56251.3	-1.26	56083.54	56102.35547	56092.59043	56106.79297	505028.2	5407998.9
L5030.0	505028.2	5408000.2	4561.00000	259.43	90.73	48.824962	-86.931494	56084.60	56251.3	-1.26	56083.34	56102.34375	56092.36483	56106.59375	505028.2	5408000.2
L5030.0	505028.2	5408001.5	4561.10010	258.94	92.46	48.824974	-86.931494	56084.25	56251.3	-1.25	56083.00	56102.19531	56092.12297	56106.37891	505028.2	5408001.5
L5030.0	505028.2	5408002.9	4561.20020	259.59	92.46	48.824986	-86.931494	56084.12	56251.2	-1.24	56082.88	56102.26563	56091.87068	56106.15234	505028.2	5408002.9
L5030.0	505028.2	5408002.9	4561.29981	259.36	93.12	48.824986	-86.931494	56083.84	56251.2	-1.24	56082.61	56102.18359	56091.59728	56105.90625	505028.2	5408002.9
L5030.0	505028.2	5408004.2	4561.39990	259.42	96.4	48.824998	-86.931494	56083.59	56251.2	-1.23	56082.36	56102.12500	56091.30263	56105.63281	505028.2	5408004.2
L5030.0	505028.2	5408005.8	4561.50000	260.36	95.83	48.825012	-86.931494	56083.36	56251.2	-1.22	56082.14	56102.09375	56090.98429	56105.33594	505028.2	5408005.8
L5030.0	505028.2	5408005.8	4561.60010	262.03	95.83	48.825012	-86.931494	56083.08	56251.2	-1.21	56081.87	56102.01563	56090.64018	56105.01172	505028.2	5408005.8
L5030.0	505028.2	5408008.3	4561.70020	260.93	86.72	48.825035	-86.931494	56082.78	56251.2	-1.20	56081.57	56101.90625	56090.27250	56104.66016	505028.2	5408008.3
L5030.0	505028.2	5408008.3	4561.79981	260.29	86.72	48.825035	-86.931494	56082.48	56251.2	-1.20	56081.28	56101.80469	56089.88397	56104.28906	505028.2	5408008.3
L5030.0	505028.2	5408010.1	4561.89990	259.25	90.43	48.825051	-86.931494	56082.20	56251.2	-1.19	56081.01	56101.72656	56089.47823	56103.90234	505028.2	5408010.1
L5030.0	505028.2	5408011.6	4562.00000	260.47	96.38	48.825065	-86.931494	56081.89	56251.2	-1.18	56080.71	56101.61719	56089.05699	56103.49609	505028.2	5408011.6
L5030.0	505028.2	5408013.0	4562.10010	261.08	96.38	48.825077	-86.931494	56081.70	56251.2	-1.17	56080.53	56101.62500	56088.63281	56103.08203	505028.2	5408013.0
L5030.0	505028.2	5408013.0	4562.20020	259.87	94.84	48.825077	-86.931494	56081.38	56251.2	-1.16	56080.22	56101.50781	56088.19410	56102.65625	505028.2	5408013.0
L5030.0	505028.2	5408014.8	4562.29981	260.87	94.84	48.825094	-86.931494	56081.19	56251.1	-1.15	56080.04	56101.51953	56087.76335	56102.23438	505028.2	5408014.8
L5030.0	505028.2	5408014.8	4562.39990	259.37	93.26	48.825094	-86.931494	56080.94	56251.1	-1.14	56079.80	56101.46875	56087.32899	56101.81250	505028.2	5408014.8
L5030.0	505028.2	5408016.4	4562.50000	257.54	93.99	48.825108	-86.931494	56080.65	56251.1	-1.13	56079.53	56101.39063	56086.89528	56101.38672	505028.2	5408016.4
L5030.0	505028.2	5408018.2	4562.60010	260.98	93.99	48.825124	-86.931494	56080.38	56251.1	-1.11	56079.26	56101.30859	56086.46725	56100.96484	505028.2	5408018.2
L5030.0	505028.2	5408019.8	4562.70020	261.90	93.98	48.825138	-86.931494	56080.07	56251.1	-1.10	56078.97	56101.21094	56086.04346	56100.54688	505028.2	5408019.8
L5030.0	505028.2	5408019.8	4562.79981	272.74	94.26	48.825138	-86.931494	56079.72	56251.1	-1.09	56078.63	56101.06250	56085.61980	56100.12500	505028.2	5408019.8
L5030.0	505028.2	5408021.1	4562.89990	271.16	94.26	48.825150	-86.931494	56079.34	56251.1	-1.08	56078.26	56100.88281	56085.19785	56099.70703	505028.2	5408021.1
L5030.0	505028.2	5408022.7	4563.00000	272.16	94.23	48.825164	-86.931494	56078.93	56251.1	-1.07	56077.86	56100.67578	56084.77650	56099.28906	505028.2	5408022.7
L5030.0	505028.2	5408024.0	4563.10010	273.39	94.23	48.825176	-86.931494	56078.53	56251.1	-1.07	56077.46	56100.46484	56084.36120	56098.87500	505028.2	5408024.0
L5030.0	505028.2	5408024.0	4563.20020	271.68	92.92	48.825176	-86.931494	56078.16	56251.1	-1.07	56077.09	56100.28906	56083.95686	56098.46875	505028.2	5408024.0

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5030.0	505028.2	5408025.6	4563.29981	271.56	92.92	48.825191	-86.931494	56077.82	56251.1	-1.06	56076.76	56100.14844	56083.56524	56098.07813	505028.2	5408025.6
L5030.0	505028.2	5408025.6	4563.39990	270.81	83.85	48.825191	-86.931494	56077.68	56251.1	-1.06	56076.61	56100.19141	56083.21340	56097.72266	505028.2	5408025.6
L5030.0	505028.2	5408026.9	4563.60010	270.66	83.85	48.825202	-86.931494	56077.34	56251.1	-1.06	56076.29	56100.06250	56082.83295	56097.33984	505028.2	5408026.9
L5030.0	505028.2	5408028.5	4563.60010	259.30	89.83	48.825217	-86.931494	56077.12	56251.1	-1.06	56076.06	56100.02344	56081.75859	56096.25781	505028.2	5408028.5
L5030.0	505028.2	5408029.8	4563.70020	256.26	87.71	48.825228	-86.931494	56076.86	56251.1	-1.06	56075.80	56099.95313	56081.35645	56095.85156	505028.2	5408029.8
L5030.0	505028.2	5408031.1	4563.79981	268.01	87.71	48.825240	-86.931495	56076.40	56251.1	-1.05	56075.35	56099.69531	56080.96983	56095.45703	505028.2	5408031.1
L5030.0	505028.2	5408031.1	4563.89990	254.80	84.36	48.825240	-86.931495	56075.92	56251.1	-1.05	56074.87	56099.40625	56080.58356	56095.06250	505028.2	5408031.1
L5030.0	505028.1	5408032.6	4564.00000	256.18	84.36	48.825254	-86.931495	56075.65	56251.1	-1.05	56074.60	56099.32813	56080.17781	56094.64844	505028.1	5408032.6
L5030.0	505028.1	5408034.2	4564.10010	264.77	82.45	48.825267	-86.931495	56075.14	56251	-1.04	56074.10	56099.01953	56079.78508	56094.24609	505028.1	5408034.2
L5030.0	505028.1	5408035.5	4564.20020	265.84	89.79	48.825280	-86.931495	56074.64	56251	-1.03	56073.61	56098.72266	56079.38546	56093.83594	505028.1	5408035.5
L5030.0	505028.1	5408036.8	4564.29981	263.46	89.79	48.825291	-86.931495	56074.28	56251	-1.02	56073.26	56098.56250	56078.96813	56093.40625	505028.1	5408036.8
L5030.0	505028.1	5408036.8	4564.39990	263.05	89.79	48.825291	-86.931495	56073.70	56251	-1.01	56072.69	56098.18359	56078.55561	56092.98047	505028.1	5408036.8
L5030.0	505028.1	5408038.1	4564.50000	264.88	90.7	48.825303	-86.931496	56073.22	56251	-1.00	56072.22	56097.90625	56078.12506	56092.53516	505028.1	5408038.1
L5030.0	505028.1	5408039.5	4564.60010	265.65	88.86	48.825316	-86.931496	56072.82	56251	-0.99	56071.83	56097.70703	56077.67946	56092.07422	505028.1	5408039.5
L5030.0	505028.1	5408041.1	4564.70020	266.86	88.86	48.825330	-86.931496	56072.31	56251	-0.98	56071.33	56097.39844	56077.23114	56091.61328	505028.1	5408041.1
L5030.0	505028.1	5408041.1	4564.79981	269.08	90.33	48.825330	-86.931496	56071.86	56251	-0.97	56070.89	56097.14844	56076.77282	56091.13672	505028.1	5408041.1
L5030.0	505028.1	5408042.6	4564.89990	270.97	90.33	48.825343	-86.931496	56071.47	56251	-0.96	56070.51	56096.96094	56076.30741	56090.65234	505028.1	5408042.6
L5030.0	505028.1	5408043.9	4565.00000	270.76	89.7	48.825356	-86.931496	56070.96	56250.9	-0.95	56070.01	56096.65234	56075.84301	56090.17188	505028.1	5408043.9
L5030.0	505028.1	5408043.9	4565.10010	271.35	90.54	48.825356	-86.931496	56070.44	56250.9	-0.94	56069.50	56096.33203	56075.37708	56089.68750	505028.1	5408043.9
L5030.0	505028.1	5408045.5	4565.20020	271.29	90.54	48.825370	-86.931496	56070.06	56250.9	-0.94	56069.12	56096.14453	56074.90810	56089.19531	505028.1	5408045.5
L5030.0	505028.1	5408047.3	4565.29981	273.14	90.06	48.825386	-86.931496	56069.50	56250.9	-0.93	56068.58	56095.79297	56074.44208	56088.71094	505028.1	5408047.3
L5030.0	505028.1	5408048.7	4565.39990	273.12	90.06	48.825398	-86.931496	56069.02	56250.9	-0.92	56068.10	56095.50391	56073.97707	56088.22266	505028.1	5408048.7
L5030.0	505028.1	5408048.7	4565.50000	273.95	91.39	48.825398	-86.931496	56068.54	56250.9	-0.91	56067.62	56095.21484	56073.51540	56087.73828	505028.1	5408048.7
L5030.0	505028.1	5408050.1	4565.60010	273.74	91.4	48.825410	-86.931496	56067.88	56250.9	-0.91	56066.97	56094.75391	56073.05833	56087.25781	505028.1	5408050.1
L5030.0	505028.1	5408051.4	4565.70020	271.82	91.4	48.825422	-86.931495	56067.25	56250.9	-0.90	56066.35	56094.32422	56072.60484	56086.78125	505028.1	5408051.4
L5030.0	505028.1	5408052.9	4565.79981	273.23	91.74	48.825436	-86.931495	56066.67	56250.9	-0.89	56065.77	56093.93359	56072.15475	56086.30469	505028.1	5408052.9
L5030.0	505028.1	5408052.9	4565.89990	271.45	79.42	48.825436	-86.931495	56066.01	56250.9	-0.89	56065.13	56093.48438	56071.70813	56085.83203	505028.1	5408052.9
L5030.0	505028.1	5408054.1	4566.00000	268.02	79.42	48.825447	-86.931495	56065.43	56250.9	-0.88	56064.55	56093.09375	56071.26184	56085.35938	505028.1	5408054.1
L5030.0	505028.1	5408055.5	4566.10010	267.61	80.61	48.825459	-86.931495	56064.93	56250.9	-0.87	56064.06	56092.79297	56070.81474	56084.88672	505028.1	5408055.5
L5030.0	505028.1	5408057.1	4566.20020	265.07	80.61	48.825474	-86.931495	56064.29	56250.9	-0.86	56063.43	56092.35156	56070.36966	56084.41406	505028.1	5408057.1
L5030.0	505028.1	5408058.6	4566.29981	264.56	83.15	48.825488	-86.931495	56063.73	56250.8	-0.85	56062.88	56091.98828	56069.92066	56083.93750	505028.1	5408058.6
L5030.0	505028.1	5408058.6	4566.39990	266.70	83.15	48.825488	-86.931495	56063.02	56250.8	-0.84	56062.18	56091.47656	56069.47264	56083.45703	505028.1	5408058.6
L5030.0	505028.1	5408060.0	4566.50000	265.29	90.65	48.825500	-86.931495	56062.39	56250.8	-0.83	56061.56	56091.04688	56069.01645	56082.97266	505028.1	5408060.0
L5030.0	505028.1	5408061.4	4566.60010	265.33	90.49	48.825512	-86.931495	56061.68	56250.8	-0.82	56060.86	56090.53125	56068.55546	56082.48047	505028.1	5408061.4
L5030.0	505028.1	5408062.7	4566.70020	265.71	90.49	48.825524	-86.931495	56060.98	56250.8	-0.81	56060.17	56090.03125	56068.08438	56081.98047	505028.1	5408062.7
L5030.0	505028.1	5408064.2	4566.79981	268.61	90.7	48.825537	-86.931495	56060.29	56250.8	-0.80	56059.49	56089.53516	56067.60098	56081.46484	505028.1	5408064.2
L5030.0	505028.1	5408064.2	4566.89990	269.42	81.18	48.825537	-86.931495	56059.61	56250.8	-0.79	56058.82	56089.05078	56067.10293	56080.93359	505028.1	5408064.2
L5030.0	505028.1	5408065.5	4567.00000	271.06	81.18	48.825549	-86.931495	56058.85	56250.8	-0.78	56058.07	56088.48828	56066.59283	56080.39063	505028.1	5408065.5
L5030.0	505028.1	5408066.8	4567.10010	271.97	85.11	48.825562	-86.931494	56058.20	56250.8	-0.77	56057.43	56088.03125	56066.05949	56079.82031	505028.1	5408066.8
L5030.0	505028.1	5408066.8	4567.20020	270.43	85.11	48.825562	-86.931494	56057.36	56250.8	-0.76	56056.60	56087.38672	56065.51665	56079.24219	505028.1	5408066.8
L5030.0	505028.1	5408068.5	4567.29981	261.26	81.07	48.825576	-86.931494	56056.68	56250.8	-0.76	56055.92	56086.89063	56064.94967	56078.64063	505028.1	5408068.5
L5030.0	505028.1	5408071.4	4567.39990	261.56	81.07	48.825603	-86.931495	56055.89	56250.7	-0.75	56055.15	56086.30469	56064.36878	56078.02344	505028.1	5408071.4
L5030.0	505028.1	5408071.4	4567.50000	272.44	76.5	48.825603	-86.931495	56055.08	56250.7	-0.74	56054.34	56085.67578	56063.77416	56077.39453	505028.1	5408071.4
L5030.0	505028.1	5408073.2	4567.60010	272.81	76.5	48.825619	-86.931495	56054.30	56250.7	-0.73	56053.57	56085.08594	56063.16767	56076.75000	505028.1	5408073.2
L5030.0	505028.1	5408073.2	4567.70020	271.53	78.55	48.825619	-86.931495	56053.37	56250.7	-0.72	56052.64	56084.33594	56062.55492	56076.10156	505028.1	5408073.2
L5030.0	505028.1	5408074.6	4567.79981	272.17	91.41	48.825631	-86.931495	56052.60	56250.7	-0.72	56051.89	56083.76563	56061.93617	56075.44141	505028.1	5408074.6
L5030.0	505028.1	5408076.2	4567.89990	271.86	91.41	48.825646	-86.931495	56051.79	56250.7	-0.71	56051.08	56083.13672	56061.31759	56074.78516	505028.1	5408076.2
L5030.0	505028.1	5408077.5	4568.00000	270.16	92.64	48.825658	-86.931495	56050.98	56250.7	-0.70	56050.28	56082.51563	56060.70248	56074.12891	505028.1	5408077.5
L5030.0	505028.1	5408077.5	4568.10010	268.01	91.75	48.825658	-86.931495	56050.18	56250.7	-0.70	56049.48	56081.89063	56060.09540	56073.48438	505028.1	5408077.5
L5030.0	505028.0	5408079.1	4568.20020	267.51	91.75	48.825672	-86.931496	56049.29	56250.7	-0.69	56048.59	56081.17578	56059.49693	56072.84375	505028.0	5408079.1
L5030.0	505028.0	5408080.5	4568.29981	269.07	83.97	48.825684	-86.931496	56048.36	56250.7	-0.69	56047.67	56080.43359	56058.91042	56072.21484	505028.0	5408080.5
L5030.0	505028.0	5408081.7	4568.39990	269.23	83.97	48.825695	-86.931496	56047.54	56250.7	-0.68	56046.86	56079.79688	56058.34168	56071.60547	505028.0	5408081.7
L5030.0	505028.0	5408081.7	4568.50000	271.51	82.43	48.825695	-86.931496	56046.61	56250.7	-0.68	56045.93	56079.03906	56057.78849	56071.01172	505028.0	5408081.7
L5030.0	505028.0	5408083.1	4568.60010	271.67	84.14	48.825707	-86.931496	56045.73	56250.7	-0.68	56045.05	56078.33203	56057.25574	56070.43359	505028.0	5408083.1
L5030.0	505028.0	5408084.9	4568.70020	273.26	84.14	48.825724	-86.931496	56044.79	56250.7	-0.67	56044.11	56077.56250	56056.74221	56069.87891	505028.0	5408084.9
L5030.0	505028.0	5408086.3	4568.79981	272.63	88.1	48.825736	-86.931496	56043.88	56250.7	-0.67	56043.21	56076.82813	56056.24985	56069.34375	505028.0	5408086.3
L5030.0	505028.0	5408087.7	4568.89990	272.15	88.1	48.825749	-86.931496	56042.98	56250.7	-0.66	56042.32	56076.10938	56055.77983	56068.82813	505028.0	5408087.7
L5030.0	505028.0	5408087.7	4569.00000	271.11	90.63	48.825749	-86.931496	56042.01	56250.7	-0.66	56041.35	56075.30469	56055.33137	56068.33594	505028.0	5408087.7
L5030.0	505028.0	5408089.3	4569.10010	270.49	86.77	48.825763	-86.931496	56041.09	56250.7	-0.65	56040.44	56074.55859	56054.90429	56067.86328	505028.0	5408089.3
L5030.0	505028.0	5408090.7	4569.20020	270.97	86.77	48.825776	-86.931496	56040.16	56250.6	-0.64	56039.52	56073.80078	56054.49682	56067.41016	505028.0	5408090.7
L5030.0	505028.0	5408090.7	4569.29981	270.80	90.3	48.825776	-86.931496	56039.13	56250.6	-0.63	56038.49	56072.93359	56054.11126	56066.97656	505028.0	5408090.7
L5030.0	505028.0	5408092.1	4569.39990	269.35	90.3	48.825789	-86.931496	56038.11	56250.6	-0.62	56037.48	56072.08594	56053.74138	56066.55859	505028.0	5408092.1
L5030.0	505028.0	5408093.6	4569.50000	260.19	84.05	48.825802	-86.931496	56037.18	56250.6	-0.62	56036.56	56071.32422	56053.37706	56066.14844	505028.0	5408093.6
L5030.0	505028.0	5408095.0	4569.60010	259.91	84.05	48.825815	-86.931496	56036.16	56250.6	-0.61	56035.56	56070.48047	56053.02459	56065.75000	505028.0	5408095.0
L5030.0	505028.0	5408096.6	4569.70020	266.14	79.41	48.825829	-86.931496	56035.15	56250.6	-0.60	56034.55	56069.62500	56052.66969	56065.34375	505028.0	5408096.6
L5030.0	505028.0	5408096.6	4569.79981	265.01	81.97	48.825829	-86.931496	56034.21	56250.6	-0.59	56033.63	56068.85938	56052.28329	56064.91016	505028.0	5408096.6
L5030.0	505028.0	5408098.2	4569.89990	264.47	81.97	48.825844	-86.931496	56033.18	56250.6	-0.58	56032.60	56067.98047	56051.86360	56064.44141	505028.0	5408098.2
L5030.0	505028.0	5408099.8	4570.00000	263.32	81.97	48.825858	-86.931496	56032.14	56250.6	-0.57	56031.57	56067.10156	56051.42704	56063.95313	505028.0	5408099.8
L5030.0	505028.0	5408101.5	4570.10010	263.63	84.48	48.825873	-86.931496	56031.08	56250.6	-0.57	56030.51	56066.18750	56050.96355	56063.44141	505028.0	5408101.5
L5030.0	505028.0	5408101.5	4570.20020	256.57	87.02	48.825873	-86.931496	56030.06	56250.6	-0.56	56029.50	56065.32422	56050.48249	56062.91016	505028.0	5408101.5
L5030.0	505028.0	5408103.1	4570.29981	255.60	87.02	48.825888	-86.931496	56028.95	56250.6	-0.56	56028.40	56064.36719	56049.95606	56062.33203	505028.0	5408103.1
L5030.0	505028.0	5408104.3	4570.39990	263.47	82.54	48.825899	-86.931496	56027.94	56250.5	-0.55	56027.39	56063.49609	56049.41195	56061.73828	505028.0	5408104.3
L5030.0	505028.0	5408104.3	4570.50000	263.17	82.54	48.825899	-86.931496	56026.86	56250.5	-0.54	56026.31	56062.55469	56048.81988	56061.09375	505028.0	5408104.3
L5030.0	505028.0	5408106.0	4570.60010	265.95	82.01	48.825913	-86.931496	56025.77	56250.5	-0.54	56025.23	56061.61328	56048.18892	56060.41016	505028.0	5408106.0
L5030.0	505028.0	5408107.6	4570.70020	264.31	82.01	48.825928	-86.931496	56024.73	56250.5	-0.53	56024.19	56060.70703	56047.52441	56059.69531	505028.0	5408107.6
L5030.0	505028.0	5408109.4	4570.79981	265.17	80.33	48.825945	-86.931496	56023.70	56250.5	-0.53	56023.17	56059.82031	56046.82291	56058.94141	505028.0	5408109.4
L5030.0	505028.0	5408110.6	4570.89990	266.80	80.33	48.825955	-86.931496	56022.58	56250.5	-0.52	56022.05	56058.82813	56046.06560	56058.12891	505028.0	5408110.6
L5030.0	505028.0	5408110.6	4571.00000	264.27	82.75	48.825955	-86.931496	56021.52	56250.5	-0.52	56021.00	56057.90625	56045.28577	56057.29688	505028.0	5408110.6
L5030.0	505028.0	5408111.8	4571.10010	262.85	82.75	48.825966	-86.931496	56020.48	56250.5	-0.52	56019.96	56056.98828	56044.47736	56056.43359	505028.0	5408111.8
L5030.0	505028.0	5408113.1	4571.20020	259.91	86.17	48.825978	-86.931496	56019.42	56250.5	-0.51	56018.91	56056.06250	56044.52870	56056.42969	505028.0	5408113.1
L5030.0	505028.0	5408113.1	4571.29981	268.92	86.99	48.825978	-86.931496	56018.33	56250.5	-0.51	56017.82	56055.08984	56043.73963	56055.58594	505028.0	5408113.1
L5030.0	505027.9	5408115.0	4571.39990	270.76	86.99	48.825995	-86.931497	56017.34	56250.5	-0.50	56016.84	56054.22656	56042.93779	56054.73047	505027.9	5408115.0
L5030.0	505027.9	5408116.5	4571.50000	270.39	75.55	48.826008	-86.931497	56016.28	56250.5	-0.50	56015.78	56053.28125	56042.14553	56053.88281	505027.9	5408116.5
L5030.0	505027.9	5408117.8	4571.60010	271.61	75.55	48.826020	-86.931497	56015.22	56250.5	-0.50	56014.72	56052.33203	56041.36498	56053.04688	505027.9	5408117.8
L5030.0	505027.9	5408119.2	4571.70020	272.14	82.24	48.826033	-86.931497	56014.13	56250.5	-0.49	56013.64	56051.35938	56040.60521	56052.23047	505027.9	5408119.2
L5030.0	505027.9	5408119.2	4571.79981	271.38	86.86	48.826033	-86.931497	56013.12	56250.5	-0.49	56012.63	56050.45313	56039.87292	56051.44531	505027.9	5408119.2
L5030.0	505027.9	5408120.9	4571.89990	271.95	86.05	48.826047	-86.931497	56012.11	56250.5	-0.48	56011.62	56049.54688	56039.17932	56050.69531	505027.9	5408120.9
L5030.0	505027.9	5408122.3	4572.00000	271.62	86.05	48.826060	-86.931498	56011.04	56250.5	-0.48	56010.56	56048.58594	56038.53141	56049.99219	505027.9	5408122.3
L5030.0	505027.9	5408123.7	4572.10010	270.77	86.05	48.826073	-86.931498	56010.04	56250.5	-0.47	56009.56	56047.67969	56037.93559	56049.33984	505027.9	5408123.7
L5030.0	505027.8	5408125.1	4572.20020	270.46	85.42	48.826086	-86.931498	56009.05	56250.5	-0.47	56008.58	56046.79297	56037.39408	56048.73828	505027.8	5408125.1
L5030.0	505027.8	5408125.1	4572.29981	271.50	85.34	48.826086	-86.931498	56008.06	56250.5	-0.46	56007.60	56045.90234	56036.90729	56048.19531	505027.8	5408125.1
L5030.0	505027.8	5408127.0	4572.39990	271.50	85.34	48.826102	-86.931498	56007.07	56250.5	-0.45	56006.62	56045.00781	56036.47733	56047.70703	505027.8	5408127.0
L5030.0	505027.8	5408128.4	4572.50000	271.43	72.63	48.826115	-86.931498	56006.09	56250.4	-0.45	56005.64	56044.11328	56036.10335	56047.27734	505027.8	5408128.4

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5030.0	505027.8	5408128.4	4572.60010	268.71	74.78	48.826115	-86.931498	56005.13	56250.4	-0.44	56004.69	56043.24219	56035.78639	56046.90234	505027.8	5408128.4
L5030.0	505027.8	5408130.1	4572.70020	265.87	74.78	48.826130	-86.931498	56004.19	56250.4	-0.43	56003.76	56042.38672	56035.52528	56046.58594	505027.8	5408130.1
L5030.0	505027.8	5408131.7	4572.79981	269.23	77.46	48.826145	-86.931498	56003.20	56250.4	-0.42	56002.78	56041.48047	56035.31798	56046.32031	505027.8	5408131.7
L5030.0	505027.8	5408131.7	4572.89990	268.56	77.46	48.826145	-86.931498	56002.27	56250.4	-0.42	56001.85	56040.61719	56035.15948	56046.10156	505027.8	5408131.7
L5030.0	505027.8	5408133.2	4573.00000	269.63	83.49	48.826158	-86.931498	56001.40	56250.4	-0.41	56000.99	56039.82422	56035.04579	56045.93359	505027.8	5408133.2
L5030.0	505027.9	5408134.5	4573.10010	270.74	83.49	48.826171	-86.931498	56000.52	56250.4	-0.40	56000.12	56039.01563	56034.97653	56045.80469	505027.9	5408134.5
L5030.0	505027.9	5408136.0	4573.20020	272.00	74.99	48.826184	-86.931498	55999.66	56250.4	-0.40	55999.26	56038.21484	56034.94779	56045.71875	505027.9	5408136.0
L5030.0	505027.9	5408136.0	4573.29981	269.53	74.5	48.826184	-86.931498	55998.83	56250.4	-0.39	55998.44	56037.44922	56034.95315	56045.66406	505027.9	5408136.0
L5030.0	505027.9	5408138.9	4573.39990	270.49	74.5	48.826209	-86.931497	55998.07	56250.4	-0.39	55997.68	56036.74219	56034.98424	56045.64063	505027.9	5408138.9
L5030.0	505027.9	5408138.9	4573.50000	267.90	84.07	48.826209	-86.931497	55997.26	56250.4	-0.38	55996.88	56035.98828	56035.04285	56045.64063	505027.9	5408138.9
L5030.0	505027.9	5408140.1	4573.60010	264.99	81.33	48.826221	-86.931497	55996.63	56250.4	-0.37	55996.25	56035.40234	56032.45733	56042.99609	505027.9	5408140.1
L5030.0	505027.9	5408141.5	4573.70020	265.59	81.33	48.826233	-86.931497	55995.92	56250.4	-0.37	55995.55	56034.74219	56032.45805	56042.93750	505027.9	5408141.5
L5030.0	505027.9	5408143.0	4573.79981	266.28	70.56	48.826247	-86.931497	55995.29	56250.4	-0.36	55994.92	56034.14844	56032.47253	56042.89453	505027.9	5408143.0
L5030.0	505027.9	5408143.0	4573.89990	265.70	69.9	48.826247	-86.931497	55994.63	56250.4	-0.36	55994.27	56033.53125	56032.47699	56042.84375	505027.9	5408143.0
L5030.0	505027.9	5408144.9	4574.00000	265.47	69.9	48.826264	-86.931497	55994.02	56250.3	-0.35	55993.67	56032.95703	56032.47598	56042.78516	505027.9	5408144.9
L5030.0	505027.9	5408146.1	4574.10010	266.83	70.08	48.826274	-86.931497	55993.46	56250.4	-0.35	55993.11	56032.42188	56032.46059	56042.71094	505027.9	5408146.1
L5030.0	505027.9	5408147.5	4574.20020	266.13	70.08	48.826287	-86.931497	55992.83	56250.4	-0.35	55992.48	56031.81250	56032.40717	56042.60156	505027.9	5408147.5
L5030.0	505027.9	5408148.9	4574.29981	265.26	70.3	48.826300	-86.931497	55992.30	56250.4	-0.35	55991.95	56031.30078	56032.33789	56042.47266	505027.9	5408148.9
L5030.0	505027.9	5408150.6	4574.39990	262.04	70.3	48.826315	-86.931497	55991.82	56250.4	-0.35	55991.47	56030.83203	56032.24261	56042.32031	505027.9	5408150.6
L5030.0	505027.9	5408150.6	4574.50000	264.35	83.88	48.826315	-86.931497	55991.39	56250.4	-0.36	55991.04	56030.41016	56032.11990	56042.14063	505027.9	5408150.6
L5030.0	505027.9	5408152.0	4574.60010	263.95	83.88	48.826328	-86.931497	55990.98	56250.4	-0.36	55990.62	56029.99609	56031.96234	56041.92578	505027.9	5408152.0
L5030.0	505027.9	5408153.4	4574.70020	263.65	82.61	48.826341	-86.931496	55990.68	56250.4	-0.36	55990.32	56029.69531	56031.78583	56041.69531	505027.9	5408153.4
L5030.0	505027.9	5408154.6	4574.79981	264.15	80.61	48.826351	-86.931496	55990.38	56250.4	-0.36	55990.02	56029.39063	56031.57222	56041.42578	505027.9	5408154.6
L5030.0	505027.9	5408154.6	4574.89990	266.30	80.61	48.826351	-86.931496	55990.10	56250.4	-0.36	55989.74	56029.10547	56031.32629	56041.12109	505027.9	5408154.6
L5030.0	505027.9	5408156.5	4575.00000	264.32	67.88	48.826368	-86.931496	55989.82	56250.4	-0.36	55989.46	56028.81250	56031.04731	56040.78906	505027.9	5408156.5
L5030.0	505027.9	5408158.1	4575.10010	264.37	68.03	48.826383	-86.931496	55989.52	56250.4	-0.35	55989.17	56028.50781	56030.73679	56040.42188	505027.9	5408158.1
L5030.0	505027.9	5408159.6	4575.20020	263.67	68.03	48.826396	-86.931496	55989.37	56250.3	-0.35	55989.02	56028.33594	56030.42456	56040.05469	505027.9	5408159.6
L5030.0	505027.9	5408160.7	4575.29981	264.92	69.15	48.826406	-86.931496	55989.21	56250.3	-0.34	55988.87	56028.16406	56030.09539	56039.67188	505027.9	5408160.7
L5030.0	505027.9	5408160.7	4575.39990	266.44	69.15	48.826406	-86.931496	55989.04	56250.3	-0.34	55988.70	56027.96484	56029.75152	56039.27344	505027.9	5408160.7
L5030.0	505027.9	5408162.6	4575.50000	266.09	68.04	48.826423	-86.931496	55989.04	56250.3	-0.33	55988.71	56027.94531	56029.43249	56038.90234	505027.9	5408162.6
L5030.0	505027.9	5408164.0	4575.60010	267.70	68.04	48.826435	-86.931496	55988.96	56250.3	-0.32	55988.63	56027.82813	56029.09710	56038.51172	505027.9	5408164.0
L5030.0	505027.9	5408165.4	4575.70020	267.61	79.3	48.826448	-86.931496	55989.06	56250.3	-0.32	55988.75	56027.91016	56028.80336	56038.16406	505027.9	5408165.4
L5030.0	505027.9	5408165.4	4575.79981	269.59	70.65	48.826448	-86.931496	55989.09	56250.3	-0.31	55988.77	56027.88672	56028.50153	56037.81250	505027.9	5408165.4
L5030.0	505027.9	5408167.0	4575.89990	270.01	70.65	48.826462	-86.931496	55989.24	56250.3	-0.31	55988.93	56027.99609	56028.24295	56037.50000	505027.9	5408167.0
L5030.0	505027.9	5408168.7	4576.00000	270.41	74.85	48.826477	-86.931496	55989.21	56250.3	-0.30	55988.91	56027.92578	56031.11328	56040.32031	505027.9	5408168.7
L5030.0	505028.0	5408170.1	4576.10010	270.69	74.85	48.826490	-86.931496	55989.34	56250.3	-0.30	55989.04	56028.00000	56030.86284	56040.01953	505028.0	5408170.1
L5030.0	505028.0	5408170.1	4576.20020	269.33	72.04	48.826490	-86.931496	55989.49	56250.3	-0.29	55989.20	56028.10156	56030.65084	56039.75391	505028.0	5408170.1
L5030.0	505028.0	5408171.6	4576.29981	269.38	70.28	48.826504	-86.931496	55989.70	56250.3	-0.29	55989.41	56028.24609	56030.48033	56039.53516	505028.0	5408171.6
L5030.0	505028.0	5408173.3	4576.39990	269.05	70.28	48.826519	-86.931496	55989.92	56250.3	-0.28	55989.64	56028.40625	56030.35448	56039.35938	505028.0	5408173.3
L5030.0	505028.0	5408174.7	4576.50000	267.10	70.28	48.826531	-86.931495	55990.25	56250.3	-0.28	55989.97	56028.66797	56030.27094	56039.22656	505028.0	5408174.7
L5030.0	505028.0	5408174.7	4576.60010	268.75	75.59	48.826531	-86.931495	55990.51	56250.3	-0.27	55990.24	56028.85938	56030.24105	56039.14844	505028.0	5408174.7
L5030.0	505028.0	5408176.3	4576.70020	267.95	74.61	48.826546	-86.931495	55990.93	56250.3	-0.26	55990.67	56029.21094	56030.25335	56039.11328	505028.0	5408176.3
L5030.0	505028.0	5408177.7	4576.79981	259.67	74.61	48.826558	-86.931495	55991.26	56250.3	-0.26	55991.00	56029.45703	56030.31874	56039.13281	505028.0	5408177.7
L5030.0	505028.0	5408177.7	4576.89990	261.44	77.24	48.826558	-86.931495	55991.67	56250.3	-0.25	55991.41	56029.78125	56030.42488	56039.19141	505028.0	5408177.7
L5030.0	505028.0	5408179.3	4577.00000	261.17	77.24	48.826573	-86.931495	55992.10	56250.3	-0.25	55991.85	56030.12891	56030.56999	56039.29297	505028.0	5408179.3
L5030.0	505028.0	5408180.9	4577.10010	264.33	78.82	48.826588	-86.931495	55992.66	56250.2	-0.25	55992.41	56030.59375	56030.74699	56039.42188	505028.0	5408180.9
L5030.0	505028.0	5408180.9	4577.20020	271.78	83.46	48.826588	-86.931495	55993.06	56250.2	-0.24	55992.82	56030.90625	56030.96466	56039.59766	505028.0	5408180.9
L5030.0	505028.0	5408182.3	4577.29981	270.70	83.46	48.826600	-86.931495	55993.64	56250.2	-0.24	55993.40	56031.38281	56031.19604	56039.78516	505028.0	5408182.3
L5030.0	505028.0	5408183.5	4577.39990	271.18	84.43	48.826611	-86.931495	55994.15	56250.2	-0.23	55993.91	56031.78906	56031.44770	56039.99219	505028.0	5408183.5
L5030.0	505028.0	5408184.9	4577.50000	269.88	84.43	48.826624	-86.931495	55994.75	56250.2	-0.23	55994.52	56032.28906	56031.70410	56040.20703	505028.0	5408184.9
L5030.0	505028.0	5408186.3	4577.60010	268.88	82.02	48.826636	-86.931495	55995.34	56250.2	-0.23	55995.11	56032.76563	56031.96639	56040.42969	505028.0	5408186.3
L5030.0	505028.0	5408187.6	4577.70020	269.07	82.02	48.826648	-86.931495	55995.97	56250.2	-0.22	55995.75	56033.28906	56032.22704	56040.64844	505028.0	5408187.6
L5030.0	505028.0	5408187.6	4577.79981	266.71	68.33	48.826648	-86.931495	55996.63	56250.2	-0.22	55996.41	56033.82813	56032.48485	56040.86719	505028.0	5408187.6
L5030.0	505028.0	5408189.0	4577.89990	268.65	68.21	48.826660	-86.931495	55997.34	56250.2	-0.21	55997.12	56034.41797	56032.73569	56041.07813	505028.0	5408189.0
L5030.0	505028.0	5408190.4	4578.00000	268.45	68.21	48.826673	-86.931495	55998.02	56250.2	-0.21	55997.81	56034.98047	56032.98394	56041.28906	505028.0	5408190.4
L5030.0	505028.0	5408192.1	4578.10010	270.31	79.93	48.826688	-86.931495	55998.72	56250.2	-0.21	55998.52	56035.55859	56033.22519	56041.49219	505028.0	5408192.1
L5030.0	505028.0	5408193.4	4578.20020	267.77	79.93	48.826700	-86.931494	55999.41	56250.2	-0.20	55999.21	56036.11719	56033.46393	56041.69531	505028.0	5408193.4
L5030.0	505028.0	5408193.4	4578.29981	266.70	79.11	48.826700	-86.931494	56000.22	56250.2	-0.19	56000.02	56036.78906	56033.69565	56041.89063	505028.0	5408193.4
L5030.0	505028.0	5408194.8	4578.39990	258.85	78.85	48.826713	-86.931494	56000.98	56250.2	-0.19	56000.79	56037.42188	56033.93180	56042.08984	505028.0	5408194.8
L5030.0	505028.0	5408196.2	4578.50000	258.17	78.85	48.826725	-86.931494	56001.73	56250.2	-0.18	56001.55	56038.03906	56034.17191	56042.29688	505028.0	5408196.2
L5030.0	505028.0	5408197.3	4578.60010	265.00	79.95	48.826735	-86.931495	56002.52	56250.2	-0.18	56002.34	56038.67969	56034.41534	56042.50781	505028.0	5408197.3
L5030.0	505028.0	5408198.9	4578.70020	264.87	79.95	48.826750	-86.931495	56003.43	56250.2	-0.18	56003.25	56039.44141	56034.65916	56042.71875	505028.0	5408198.9
L5030.0	505028.0	5408198.9	4578.79981	268.40	81.36	48.826750	-86.931495	56004.22	56250.2	-0.17	56004.05	56040.08984	56034.91615	56042.94141	505028.0	5408198.9
L5030.0	505028.0	5408200.5	4578.89990	268.59	82.7	48.826764	-86.931495	56005.07	56250.2	-0.17	56004.91	56040.79688	56035.17869	56043.17578	505028.0	5408200.5
L5030.0	505028.0	5408202.4	4579.00000	270.65	82.7	48.826781	-86.931495	56005.96	56250.2	-0.16	56005.80	56041.52734	56035.45067	56043.41797	505028.0	5408202.4
L5030.0	505028.0	5408203.7	4579.10010	271.77	78.31	48.826793	-86.931495	56006.85	56250.2	-0.16	56006.69	56042.25781	56035.73477	56043.67188	505028.0	5408203.7
L5030.0	505028.0	5408205.1	4579.20020	270.83	78.31	48.826805	-86.931495	56007.75	56250.2	-0.15	56007.60	56043.00391	56036.03152	56043.94141	505028.0	5408205.1
L5030.0	505028.0	5408205.1	4579.29981	270.35	80.82	48.826805	-86.931495	56008.67	56250.1	-0.15	56008.52	56043.75781	56036.34179	56044.22266	505028.0	5408205.1
L5030.0	505028.0	5408206.2	4579.39990	268.65	78.99	48.826815	-86.931495	56009.57	56250.1	-0.14	56009.43	56044.50000	56036.66710	56044.51953	505028.0	5408206.2
L5030.0	505028.0	5408207.9	4579.50000	267.94	78.99	48.826830	-86.931495	56010.46	56250.1	-0.14	56010.33	56045.23047	56037.00750	56044.83594	505028.0	5408207.9
L5030.0	505028.0	5408207.9	4579.60010	259.90	82.32	48.826830	-86.931495	56011.32	56250.1	-0.13	56011.19	56045.91797	56037.36437	56045.16797	505028.0	5408207.9
L5030.0	505028.0	5408209.7	4579.70020	260.29	82.32	48.826847	-86.931495	56012.28	56250.1	-0.13	56012.15	56046.70313	56037.73249	56045.51172	505028.0	5408209.7
L5030.0	505028.0	5408211.1	4579.79981	269.73	83.2	48.826859	-86.931495	56013.20	56250.1	-0.12	56013.08	56047.45313	56038.11488	56045.87109	505028.0	5408211.1
L5030.0	505028.0	5408211.1	4579.89990	270.06	86.54	48.826859	-86.931495	56014.16	56250.1	-0.11	56014.04	56048.23438	56038.50909	56046.24219	505028.0	5408211.1
L5030.0	505028.0	5408212.5	4580.00000	268.78	86.54	48.826872	-86.931495	56015.09	56250.1	-0.11	56014.98	56048.99219	56038.91549	56046.62891	505028.0	5408212.5
L5030.0	505028.0	5408214.3	4580.10010	268.32	78.44	48.826888	-86.931495	56015.97	56250.1	-0.11	56015.86	56049.68750	56039.33533	56047.02734	505028.0	5408214.3
L5030.0	505028.0	5408215.7	4580.20020	269.89	78.44	48.826901	-86.931495	56016.94	56250.1	-0.11	56016.83	56050.47266	56039.76488	56047.43750	505028.0	5408215.7
L5030.0	505028.0	5408215.7	4580.29981	267.24	85.32	48.826901	-86.931495	56017.90	56250.1	-0.11	56017.79	56051.24219	56040.20329	56047.85547	505028.0	5408215.7
L5030.0	505028.0	5408217.2	4580.39990	270.14	87.26	48.826914	-86.931495	56018.88	56250.1	-0.11	56018.78	56052.04297	56040.64825	56048.28516	505028.0	5408217.2
L5030.0	505028.0	5408218.5	4580.50000	269.60	87.26	48.826926	-86.931495	56019.88	56250.1	-0.10	56019.77	56052.84375	56041.09874	56048.71484	505028.0	5408218.5
L5030.0	505028.0	5408220.2	4580.60010	268.89	87.96	48.826941	-86.931495	56020.78	56250.1	-0.10	56020.68	56053.55859	56041.55472	56049.15625	505028.0	5408220.2
L5030.0	505028.0	5408221.5	4580.70020	270.13	87.96	48.826953	-86.931495	56021.67	56250.1	-0.10	56021.57	56054.25391	56042.01547	56049.60156	505028.0	5408221.5
L5030.0	505028.0	5408223.1	4580.79981	268.15	88.02	48.826967	-86.931495	56022.58	56250.1	-0.10	56022.48	56054.96484	56042.48071	56050.05078	505028.0	5408223.1
L5030.0	505028.0	5408223.1	4580.89990	268.58	88.71	48.826967	-86.931495	56023.49	56250.1	-0.10	56023.39	56055.67969	56042.95041	56050.50781	505028.0	5408223.1
L5030.0	505028.0	5408224.7	4581.00000	267.35	89.49	48.826982	-86.931494	56024.35	56250.1	-0.10	56024.25	56056.33984	56043.42567	56050.96875	505028.0	5408224.7
L5030.0	505028.0	5408224.7	4581.10010	268.27	89.49	48.826982	-86.931494	56025.31	56250.1	-0.10	56025.22	56057.10938	56043.90191	56051.43359	505028.0	5408224.7
L5030.0	505028.0	5408226.3	4581.20020	267.47	89.49	48.826996	-86.931494	56026.25	56250.1	-0.10	56026.15	56057.83594	56044.38293	56051.90234	505028.0	5408226.3
L5030.0	505028.0	5408227.7	4581.29981	270.70	92.17	48.827009	-86.931494	56027.21	56250.1	-0.09	56027.11	56058.59375	56044.86804	56052.37500	505028.0	5408227.7
L5030.0	505028.0	5408229.3	4581.39990	272.94	94.43	48.827023	-86.931494	56028.14	56250.1	-0.09	56028.05	56059.32813	56045.35883	56052.85547	505028.0	5408229.3
L5030.0	505028.0	5408229.3	4581.50000	271.55	94.43	48.827023	-86.931494	56029.06	56250.1	-0.09	56028.97	56060.04297	56045.85583	56053.34375	505028.0	5408229.3
L5030.0	505028.0	5408231.2	4581.60010	270.74	94.71	48.827040	-86.931494	56029.94	56250.1	-0.09	56029.85	56060.71484	56046.36075	56053.83984	505028.0	5408231.2
L5030.0	505028.0	5408232.8	4581.70020	269.22	94.71	48.827054	-86.931494	56030.85	56250.1	-0.09	56030.76	56061.41797	56046.86962	56054.33984	505028.0	5408232.8
L5030.0	505028.0	5408232.8	4581.79981	269.09	95.19	48.827054	-86.931494	56031.68	56250.1	-0.08	56031.60	56062.05078	56047.38363	56054.84766	505028.0	5408232.8

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5030.0	505028.0	5408234.1	4581.89990	269.85	95.19	48.827066	-86.931494	56032.54	56250.1	-0.08	56032.46	56062.70313	56047.89883	56055.35547	505028.0	5408234.1
L5030.0	505028.0	5408235.5	4582.00000	269.60	95.72	48.827079	-86.931494	56033.43	56250.1	-0.08	56033.35	56063.38281	56048.41348	56055.86328	505028.0	5408235.5
L5030.0	505028.0	5408236.9	4582.10010	270.02	90.34	48.827091	-86.931494	56034.29	56250.1	-0.08	56034.21	56064.03125	56048.92898	56056.37500	505028.0	5408236.9
L5030.0	505028.0	5408238.1	4582.20020	270.86	90.34	48.827102	-86.931494	56035.15	56250.1	-0.08	56035.07	56064.68359	56049.44340	56056.88281	505028.0	5408238.1
L5030.0	505028.0	5408239.2	4582.29981	268.38	87.58	48.827112	-86.931494	56035.94	56250.1	-0.07	56035.86	56065.26172	56049.95909	56057.39453	505028.0	5408239.2
L5030.0	505028.0	5408239.2	4582.39990	266.05	87.58	48.827112	-86.931494	56036.82	56250.1	-0.07	56036.75	56065.94141	56050.46844	56057.89844	505028.0	5408239.2
L5030.0	505028.0	5408240.8	4582.50000	264.57	79.98	48.827126	-86.931494	56037.66	56250.1	-0.07	56037.59	56066.56641	56050.97991	56058.40625	505028.0	5408240.8
L5030.0	505028.1	5408241.9	4582.60010	266.12	79.24	48.827136	-86.931494	56038.48	56250.1	-0.07	56038.42	56067.18750	56051.49304	56058.91797	505028.1	5408241.9
L5030.0	505028.1	5408243.3	4582.70020	265.57	79.24	48.827149	-86.931493	56039.32	56250.1	-0.07	56039.26	56067.81250	56052.00670	56059.42969	505028.1	5408243.3
L5030.0	505028.1	5408244.4	4582.79981	267.21	95.76	48.827159	-86.931493	56040.12	56250.1	-0.06	56040.05	56068.39063	56052.52399	56059.94531	505028.1	5408244.4
L5030.0	505028.1	5408244.4	4582.89990	267.60	98.09	48.827159	-86.931493	56040.89	56250.1	-0.06	56040.83	56068.96094	56053.04234	56060.46094	505028.1	5408244.4
L5030.0	505028.1	5408246.0	4583.00000	264.25	99.09	48.827174	-86.931493	56041.68	56250.1	-0.06	56041.62	56069.53906	56053.55985	56060.98047	505028.1	5408246.0
L5030.0	505028.1	5408247.9	4583.10010	264.84	99.09	48.827190	-86.931493	56042.43	56250.1	-0.06	56042.38	56070.08594	56054.07987	56061.50000	505028.1	5408247.9
L5030.0	505028.1	5408247.9	4583.20020	265.94	94.17	48.827190	-86.931493	56043.20	56250.1	-0.06	56043.14	56070.63281	56054.59973	56062.01953	505028.1	5408247.9
L5030.0	505028.1	5408250.7	4583.29981	268.40	94.17	48.827215	-86.931493	56043.95	56250.1	-0.05	56043.90	56071.18359	56055.11725	56062.53516	505028.1	5408250.7
L5030.0	505028.1	5408250.7	4583.39990	270.30	88.42	48.827215	-86.931493	56044.69	56250.1	-0.05	56044.64	56071.71094	56056.01814	56063.43750	505028.1	5408250.7
L5030.0	505028.1	5408252.1	4583.50000	269.90	91.74	48.827228	-86.931493	56045.49	56250.1	-0.05	56045.44	56072.30078	56056.55815	56063.98047	505028.1	5408252.1
L5030.0	505028.1	5408253.9	4583.60010	272.02	91.74	48.827244	-86.931493	56046.23	56250	-0.05	56046.18	56072.82813	56057.08236	56064.50781	505028.1	5408253.9
L5030.0	505028.1	5408255.3	4583.70020	268.40	92.45	48.827257	-86.931493	56046.93	56250	-0.05	56046.89	56073.32813	56057.59626	56065.02344	505028.1	5408255.3
L5030.0	505028.1	5408255.3	4583.79981	268.15	87.41	48.827257	-86.931493	56047.72	56250	-0.04	56047.67	56073.89844	56058.11719	56065.54688	505028.1	5408255.3
L5030.0	505028.1	5408256.9	4583.89990	267.48	87.53	48.827272	-86.931492	56048.43	56250	-0.04	56048.39	56074.41016	56058.62037	56066.05078	505028.1	5408256.9
L5030.0	505028.1	5408258.3	4584.00000	265.05	87.53	48.827284	-86.931492	56049.14	56250	-0.04	56049.10	56074.91016	56059.11421	56066.54688	505028.1	5408258.3
L5030.0	505028.1	5408259.7	4584.10010	265.25	89.03	48.827297	-86.931492	56049.82	56250	-0.04	56049.78	56075.38281	56059.59525	56067.03125	505028.1	5408259.7
L5030.0	505028.1	5408259.7	4584.20020	265.20	92.73	48.827297	-86.931492	56050.53	56250	-0.04	56050.49	56075.88672	56060.07463	56067.51563	505028.1	5408259.7
L5030.0	505028.1	5408261.4	4584.29981	261.85	92.73	48.827311	-86.931492	56051.19	56250	-0.04	56051.15	56076.34375	56060.54006	56067.98438	505028.1	5408261.4
L5030.0	505028.1	5408262.7	4584.39990	260.94	88.67	48.827323	-86.931492	56051.79	56250	-0.04	56051.76	56076.74609	56060.99268	56068.43750	505028.1	5408262.7
L5030.0	505028.1	5408264.0	4584.50000	264.97	93.24	48.827335	-86.931492	56052.40	56250	-0.04	56052.37	56077.15234	56061.44105	56068.89063	505028.1	5408264.0
L5030.0	505028.1	5408264.0	4584.60010	266.93	95.17	48.827335	-86.931492	56053.01	56250	-0.03	56052.97	56077.55078	56061.88418	56069.33984	505028.1	5408264.0
L5030.0	505028.1	5408265.7	4584.70020	262.96	95.17	48.827350	-86.931493	56053.62	56250	-0.03	56053.58	56077.95703	56062.32488	56069.78516	505028.1	5408265.7
L5030.0	505028.1	5408267.3	4584.79981	265.70	95.17	48.827365	-86.931493	56054.27	56250	-0.03	56054.24	56078.41797	56062.76899	56070.23047	505028.1	5408267.3
L5030.0	505028.1	5408268.9	4584.89990	265.43	94.54	48.827379	-86.931493	56055.01	56250	-0.03	56054.98	56078.95703	56063.22047	56070.68750	505028.1	5408268.9
L5030.0	505028.1	5408268.9	4585.00000	264.88	95.15	48.827379	-86.931493	56055.67	56250	-0.03	56055.64	56079.41797	56063.65573	56071.12891	505028.1	5408268.9
L5030.0	505028.1	5408270.8	4585.10010	264.84	95.15	48.827396	-86.931493	56056.29	56250	-0.03	56056.27	56079.85156	56064.08279	56071.55859	505028.1	5408270.8
L5030.0	505028.1	5408271.9	4585.20020	265.42	97.12	48.827406	-86.931493	56056.95	56250	-0.02	56056.93	56080.31641	56064.51068	56071.99219	505028.1	5408271.9
L5030.0	505028.1	5408271.9	4585.29981	264.24	97.22	48.827406	-86.931493	56057.48	56250	-0.02	56057.46	56080.65234	56064.91754	56072.40234	505028.1	5408271.9
L5030.0	505028.0	5408273.6	4585.39990	263.50	97.22	48.827422	-86.931493	56058.09	56250	-0.02	56058.08	56081.07813	56065.33467	56072.82422	505028.0	5408273.6
L5030.0	505028.0	5408274.9	4585.50000	267.53	97.33	48.827434	-86.931493	56058.68	56250	-0.01	56058.66	56081.46484	56065.74510	56073.23828	505028.0	5408274.9
L5030.0	505028.0	5408277.0	4585.60010	269.33	97.33	48.827452	-86.931494	56059.25	56250	-0.01	56059.24	56081.85547	56066.15505	56073.65234	505028.0	5408277.0
L5030.0	505028.0	5408277.0	4585.70020	270.51	98.29	48.827452	-86.931494	56059.77	56250	-0.01	56059.76	56082.18750	56066.55690	56074.05859	505028.0	5408277.0
L5030.0	505028.0	5408278.4	4585.79981	265.83	98.29	48.827465	-86.931494	56060.36	56250	-0.01	56060.36	56082.59766	56066.96910	56074.47656	505028.0	5408278.4
L5030.0	505028.0	5408279.8	4585.89990	266.03	99.03	48.827477	-86.931494	56060.88	56250	0.00	56060.88	56082.93359	56067.37070	56074.88281	505028.0	5408279.8
L5030.0	505028.0	5408281.4	4586.00000	265.45	99.03	48.827492	-86.931494	56061.41	56250	0.00	56061.41	56083.27734	56067.77325	56075.28906	505028.0	5408281.4
L5030.0	505028.0	5408281.4	4586.10010	264.37	98.97	48.827492	-86.931494	56061.88	56250	0.00	56061.88	56083.56641	56068.16852	56075.68750	505028.0	5408281.4
L5030.0	505028.0	5408283.2	4586.20020	270.06	98.04	48.827508	-86.931494	56062.29	56250	0.00	56062.29	56083.79688	56068.55690	56076.07813	505028.0	5408283.2
L5030.0	505028.0	5408284.8	4586.29981	265.92	98.04	48.827523	-86.931494	56062.92	56250	0.00	56062.93	56084.25781	56068.96884	56076.49609	505028.0	5408284.8
L5030.0	505028.0	5408286.2	4586.39990	260.54	95.72	48.827535	-86.931494	56063.48	56250	0.00	56063.48	56084.62891	56069.36740	56076.89844	505028.0	5408286.2
L5030.0	505028.0	5408286.2	4586.50000	258.55	95.72	48.827535	-86.931494	56064.02	56250	0.01	56064.02	56084.99219	56069.76082	56077.29297	505028.0	5408286.2
L5030.0	505028.0	5408287.6	4586.60010	262.52	97.78	48.827547	-86.931494	56064.56	56250	0.01	56064.57	56085.36719	56070.15038	56077.68750	505028.0	5408287.6
L5030.0	505028.0	5408289.4	4586.70020	260.58	94.18	48.827564	-86.931494	56065.13	56250	0.01	56065.13	56085.75781	56070.53525	56078.07422	505028.0	5408289.4
L5030.0	505028.0	5408289.4	4586.79981	260.50	94.18	48.827564	-86.931494	56065.66	56250	0.01	56065.66	56086.11719	56070.91134	56078.45313	505028.0	5408289.4
L5030.0	505028.0	5408291.0	4586.89990	260.97	95.57	48.827578	-86.931494	56066.09	56250	0.01	56066.10	56086.38672	56071.27393	56078.81641	505028.0	5408291.0
L5030.0	505028.0	5408292.6	4587.00000	261.92	95.57	48.827592	-86.931494	56066.54	56250	0.01	56066.55	56086.67188	56071.63106	56079.17578	505028.0	5408292.6
L5030.0	505028.0	5408292.6	4587.10010	262.77	102.21	48.827592	-86.931494	56066.96	56250	0.01	56066.97	56086.92578	56071.97968	56079.52734	505028.0	5408292.6
L5030.0	505028.0	5408294.2	4587.20020	262.96	102.21	48.827607	-86.931494	56067.53	56250	0.00	56067.54	56087.33203	56072.33246	56079.88281	505028.0	5408294.2
L5030.0	505028.0	5408296.0	4587.29981	263.27	102.01	48.827623	-86.931494	56067.90	56250	0.00	56067.90	56087.53125	56072.66526	56080.21484	505028.0	5408296.0
L5030.0	505028.0	5408297.4	4587.39990	262.02	102.01	48.827635	-86.931494	56068.26	56250	0.00	56068.26	56087.73438	56072.99310	56080.54297	505028.0	5408297.4
L5030.0	505028.0	5408297.4	4587.50000	261.58	96.45	48.827635	-86.931494	56068.74	56250	0.00	56068.74	56088.05469	56073.32358	56080.87500	505028.0	5408297.4
L5030.0	505028.0	5408298.8	4587.60010	263.03	96.45	48.827648	-86.931494	56069.22	56250	-0.01	56069.22	56088.37891	56073.64914	56081.20313	505028.0	5408298.8
L5030.0	505028.0	5408300.2	4587.70020	264.57	93.52	48.827661	-86.931494	56069.68	56250	-0.01	56069.67	56088.67578	56073.96842	56081.51953	505028.0	5408300.2
L5030.0	505028.0	5408301.8	4587.79981	266.17	96.04	48.827675	-86.931494	56070.14	56250	-0.01	56070.13	56088.98828	56074.28449	56081.83594	505028.0	5408301.8
L5030.0	505028.0	5408301.8	4587.89990	265.20	96.04	48.827675	-86.931494	56070.64	56250	-0.02	56070.62	56089.32813	56074.59908	56082.15234	505028.0	5408301.8
L5030.0	505027.9	5408303.2	4588.00000	263.41	94.51	48.827687	-86.931494	56071.04	56250	-0.02	56071.02	56089.57813	56074.90528	56082.45703	505027.9	5408303.2
L5030.0	505027.9	5408304.9	4588.10010	262.32	94.51	48.827703	-86.931494	56071.45	56250	-0.02	56071.43	56089.84375	56075.20960	56082.75781	505027.9	5408304.9
L5030.0	505027.9	5408304.9	4588.20020	261.88	96.57	48.827703	-86.931494	56071.88	56250	-0.02	56071.86	56090.13281	56075.51313	56083.06250	505027.9	5408304.9
L5030.0	505027.9	5408306.4	4588.29981	261.70	96.57	48.827716	-86.931494	56072.23	56250	-0.01	56072.22	56090.35156	56075.81071	56083.35547	505027.9	5408306.4
L5030.0	505027.9	5408307.7	4588.39990	261.94	95.54	48.827728	-86.931494	56072.64	56250	-0.01	56072.63	56090.62109	56076.10999	56083.65234	505027.9	5408307.7
L5030.0	505027.9	5408308.9	4588.50000	261.37	98.13	48.827739	-86.931494	56073.04	56250	-0.01	56073.03	56090.88281	56076.40726	56083.94922	505027.9	5408308.9
L5030.0	505027.9	5408310.3	4588.60010	263.03	98.13	48.827751	-86.931494	56073.44	56250	-0.01	56073.43	56091.14844	56076.70307	56084.24219	505027.9	5408310.3
L5030.0	505027.9	5408310.3	4588.70020	262.13	103.18	48.827751	-86.931494	56073.80	56250	-0.01	56073.79	56091.37500	56076.99493	56084.53125	505027.9	5408310.3
L5030.0	505027.9	5408311.7	4588.79981	263.34	103.18	48.827764	-86.931494	56074.18	56250	0.00	56074.18	56091.63672	56077.28680	56084.82031	505027.9	5408311.7
L5030.0	505027.9	5408313.4	4588.89990	265.59	102.91	48.827779	-86.931494	56074.56	56250	0.00	56074.56	56091.88672	56077.57610	56085.10547	505027.9	5408313.4
L5030.0	505027.9	5408314.7	4589.00000	263.02	102.91	48.827791	-86.931494	56074.91	56250	0.00	56074.91	56092.10938	56077.86159	56085.38672	505027.9	5408314.7
L5030.0	505027.9	5408314.7	4589.10010	263.85	102.44	48.827791	-86.931494	56075.24	56250	0.00	56075.24	56092.31641	56078.14369	56085.66406	505027.9	5408314.7
L5030.0	505027.9	5408316.1	4589.20020	262.53	102.44	48.827804	-86.931494	56075.70	56250	-0.01	56075.69	56092.64453	56078.42898	56085.94531	505027.9	5408316.1
L5030.0	505027.9	5408317.4	4589.29981	261.81	99.8	48.827816	-86.931494	56076.03	56250	-0.01	56076.02	56092.85156	56078.70539	56086.21484	505027.9	5408317.4
L5030.0	505027.9	5408317.4	4589.39990	261.57	101.09	48.827816	-86.931494	56076.36	56250	-0.01	56076.34	56093.05469	56078.97820	56086.48438	505027.9	5408317.4
L5030.0	505027.9	5408319.1	4589.50000	261.61	101.09	48.827831	-86.931495	56076.76	56250	-0.01	56076.74	56093.33594	56079.25093	56086.75000	505027.9	5408319.1
L5030.0	505027.9	5408320.7	4589.60010	262.69	97.89	48.827845	-86.931495	56077.04	56250	-0.02	56077.02	56093.50391	56079.51528	56087.00781	505027.9	5408320.7
L5030.0	505027.9	5408321.8	4589.70020	262.03	97.89	48.827855	-86.931495	56077.34	56250	-0.02	56077.32	56093.69141	56079.77703	56087.26172	505027.9	5408321.8
L5030.0	505027.9	5408323.2	4589.79981	260.86	98.67	48.827868	-86.931495	56077.75	56250	-0.02	56077.72	56093.98047	56080.03889	56087.51953	505027.9	5408323.2
L5030.0	505027.9	5408323.2	4589.89990	259.06	101.63	48.827868	-86.931495	56078.03	56250	-0.03	56078.00	56094.14844	56080.29280	56087.76563	505027.9	5408323.2
L5030.0	505027.8	5408324.9	4590.00000	259.17	101.63	48.827883	-86.931495	56078.30	56250	-0.03	56078.27	56094.31250	56080.54280	56088.00781	505027.8	5408324.9
L5030.0	505027.8	5408326.3	4590.10010	259.98	96.99	48.827896	-86.931495	56078.64	56250	-0.03	56078.60	56094.53906	56080.79115	56088.25000	505027.8	5408326.3
L5030.0	505027.8	5408327.7	4590.20020	259.13	97.26	48.827909	-86.931496	56078.96	56250	-0.04	56078.92	56094.75781	56081.03540	56088.48438	505027.8	5408327.7
L5030.0	505027.8	5408329.1	4590.29981	262.53	98.5	48.827921	-86.931496	56079.26	56250	-0.04	56079.22	56094.95703	56081.27522	56088.71875	505027.8	5408329.1
L5030.0	505027.8	5408329.1	4590.39990	261.88	98.5	48.827921	-86.931496	56079.52	56250	-0.04	56079.48	56095.11719	56081.50985	56088.94531	505027.8	5408329.1
L5030.0	505027.8	5408331.0	4590.50000	260.41	97.07	48.827938	-86.931496	56079.87	56250	-0.04	56079.83	56095.37109	56081.74433	56089.16797	505027.8	5408331.0
L5030.0	505027.8	5408332.4	4590.60010	260.50	97.07	48.827951	-86.931496	56080.18	56250	-0.05	56080.13	56095.57422	56081.97346	56089.39063	505027.8	5408332.4
L5030.0	505027.8	5408332.4	4590.70020	256.16	96.79	48.827951	-86.931496	56080.48	56250.1	-0.05	56080.43	56095.78125	56082.19929	56089.60547	505027.8	5408332.4
L5030.0	505027.8	5408333.8	4590.79981	258.65	96.79	48.827963	-86.931496	56080.71	56250.1	-0.05	56080.65	56095.91016	56082.41787	56089.81641	505027.8	5408333.8
L5030.0	505027.8	5408335.5	4590.89990	259.87	93.37	48.827978	-86.931496	56081.04	56250.1	-0.06	56080.98	56096.15234	56082.63900	56090.02734	505027.8	5408335.5
L5030.0	505027.7	5408336.9	4591.00000	258.93	92.42	48.827991	-86.931497	56081.36	56250.1	-0.06	56081.30	56096.38281	56082.85716	56090.23438	505027.7	5408336.9
L5030.0	505027.7	5408336.9	4591.10010	260.51	93.85	48.827991	-86.931497	56081.59	56250.1	-0.06	56081.53	56096.52734	56083.06700	56090.43750	505027.7	5408336.9

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5030.0	505027.7	5408338.6	4591.20020	262.20	99.23	48.828006	-86.931497	56081.84	56250.1	-0.07	56081.78	56096.69141	56083.27535	56090.63672	505027.7	5408338.6
L5030.0	505027.7	5408339.7	4591.29981	263.19	99.23	48.828016	-86.931497	56082.12	56250.1	-0.07	56082.05	56096.87891	56083.48295	56090.83203	505027.7	5408339.7
L5030.0	505027.7	5408341.3	4591.39990	262.32	90.31	48.828031	-86.931497	56082.41	56250.1	-0.07	56082.33	56097.07813	56083.68965	56091.02734	505027.7	5408341.3
L5030.0	505027.7	5408341.3	4591.50000	264.41	102.02	48.828031	-86.931497	56082.61	56250.1	-0.07	56082.53	56097.20313	56083.88701	56091.21484	505027.7	5408341.3
L5030.0	505027.7	5408343.2	4591.60010	266.22	102.02	48.828048	-86.931498	56082.83	56250.1	-0.08	56082.75	56097.34375	56084.08408	56091.40234	505027.7	5408343.2
L5030.0	505027.6	5408344.6	4591.70020	264.14	95.57	48.828060	-86.931498	56083.11	56250.1	-0.08	56083.03	56097.54688	56084.28617	56091.59375	505027.6	5408344.6
L5030.0	505027.6	5408346.2	4591.79981	263.65	95.57	48.828075	-86.931498	56083.36	56250.1	-0.08	56083.28	56097.72656	56084.48381	56091.78125	505027.6	5408346.2
L5030.0	505027.6	5408346.2	4591.89990	260.03	96.66	48.828075	-86.931498	56083.57	56250.1	-0.09	56083.48	56097.85156	56084.67387	56091.96094	505027.6	5408346.2
L5030.0	505027.6	5408347.4	4592.00000	260.67	100.56	48.828085	-86.931498	56083.82	56250.1	-0.09	56083.73	56098.03125	56084.86911	56092.14453	505027.6	5408347.4
L5030.0	505027.6	5408348.8	4592.10010	266.88	100.56	48.828098	-86.931498	56084.07	56250.1	-0.09	56083.98	56098.21484	56085.06347	56092.32813	505027.6	5408348.8
L5030.0	505027.6	5408350.2	4592.20020	267.84	97.98	48.828111	-86.931498	56084.36	56250.1	-0.09	56084.26	56098.42578	56085.26163	56092.51563	505027.6	5408350.2
L5030.0	505027.6	5408351.3	4592.29981	267.09	97.98	48.828121	-86.931498	56084.50	56250.1	-0.09	56084.40	56098.50000	56085.43745	56092.67969	505027.6	5408351.3
L5030.0	505027.6	5408351.3	4592.39990	266.52	99.4	48.828121	-86.931498	56084.76	56250.1	-0.09	56084.66	56098.69531	56085.63103	56092.86328	505027.6	5408351.3
L5030.0	505027.6	5408352.8	4592.50000	266.69	99.4	48.828134	-86.931499	56084.98	56250.1	-0.10	56084.88	56098.85547	56085.81751	56093.03906	505027.6	5408352.8
L5030.0	505027.6	5408354.3	4592.60010	269.84	104.38	48.828148	-86.931499	56085.16	56250.1	-0.10	56085.06	56098.97266	56085.99633	56093.20703	505027.6	5408354.3
L5030.0	505027.6	5408355.9	4592.70020	267.26	104.38	48.828162	-86.931499	56085.38	56250.1	-0.10	56085.29	56099.14453	56086.18286	56093.38281	505027.6	5408355.9
L5030.0	505027.6	5408357.5	4592.79981	264.81	104.38	48.828176	-86.931499	56085.54	56250.1	-0.10	56085.44	56099.23438	56086.35433	56093.54297	505027.6	5408357.5
L5030.0	505027.6	5408357.5	4592.89990	265.60	98.29	48.828176	-86.931499	56085.76	56250.1	-0.10	56085.66	56099.39844	56086.53725	56093.71875	505027.6	5408357.5
L5030.0	505027.6	5408359.1	4593.00000	268.00	98.19	48.828191	-86.931499	56085.94	56250.1	-0.10	56085.84	56099.52344	56086.71196	56093.88281	505027.6	5408359.1
L5030.0	505027.6	5408360.3	4593.10010	267.93	98.19	48.828201	-86.931499	56086.14	56250.1	-0.10	56086.04	56099.66797	56086.88930	56094.04688	505027.6	5408360.3
L5030.0	505027.6	5408360.3	4593.20020	267.99	97.81	48.828201	-86.931499	56086.32	56250.1	-0.11	56086.22	56099.79688	56087.06194	56094.21094	505027.6	5408360.3
L5030.0	505027.6	5408361.9	4593.29981	267.40	97.81	48.828216	-86.931499	56086.50	56250.1	-0.11	56086.39	56099.91406	56087.23170	56094.37109	505027.6	5408361.9
L5030.0	505027.6	5408363.3	4593.39990	268.25	107.78	48.828228	-86.931499	56086.67	56250.1	-0.11	56086.56	56100.03516	56087.40038	56094.53125	505027.6	5408363.3
L5030.0	505027.6	5408364.7	4593.50000	269.95	107.78	48.828241	-86.931499	56086.86	56250.1	-0.11	56086.74	56100.16406	56087.56974	56094.68750	505027.6	5408364.7
L5030.0	505027.5	5408366.3	4593.60010	266.52	107.25	48.828256	-86.931499	56087.00	56250.1	-0.12	56086.88	56100.25781	56087.73080	56094.83984	505027.5	5408366.3
L5030.0	505027.5	5408366.3	4593.70020	267.77	93.01	48.828256	-86.931499	56087.18	56250.1	-0.12	56087.06	56100.39063	56087.89781	56095.00000	505027.5	5408366.3
L5030.0	505027.5	5408368.4	4593.79981	266.65	93.01	48.828274	-86.931499	56087.33	56250.1	-0.12	56087.21	56100.49609	56088.05834	56095.15234	505027.5	5408368.4
L5030.0	505027.5	5408368.4	4593.89990	267.70	96.49	48.828274	-86.931499	56087.52	56250.1	-0.13	56087.39	56100.62891	56088.22267	56095.30469	505027.5	5408368.4
L5030.0	505027.5	5408370.0	4594.00000	267.16	104.23	48.828289	-86.931499	56087.66	56250.1	-0.13	56087.53	56100.72656	56088.37891	56095.45313	505027.5	5408370.0
L5030.0	505027.5	5408371.3	4594.10010	259.88	104.23	48.828301	-86.931499	56087.82	56250.1	-0.13	56087.68	56100.83594	56088.53552	56095.60156	505027.5	5408371.3
L5030.0	505027.5	5408372.6	4594.20020	261.14	99	48.828312	-86.931499	56087.97	56250.1	-0.14	56087.83	56100.94531	56088.69073	56095.75000	505027.5	5408372.6
L5030.0	505027.5	5408373.9	4594.29981	269.98	99.16	48.828324	-86.931499	56088.12	56250.1	-0.14	56087.98	56101.05469	56088.84453	56095.89453	505027.5	5408373.9
L5030.0	505027.5	5408373.9	4594.39990	272.60	99.16	48.828324	-86.931499	56088.14	56250.1	-0.14	56088.00	56101.03516	56088.97762	56096.02344	505027.5	5408373.9
L5030.0	505027.5	5408375.5	4594.50000	272.63	108	48.828338	-86.931499	56088.34	56250.1	-0.15	56088.20	56101.19531	56089.13620	56096.17188	505027.5	5408375.5
L5030.0	505027.5	5408377.4	4594.60010	273.69	108	48.828355	-86.931499	56088.45	56250.1	-0.15	56088.30	56101.26172	56089.27884	56096.30859	505027.5	5408377.4
L5030.0	505027.5	5408378.7	4594.70020	266.15	94.24	48.828367	-86.931500	56088.57	56250.2	-0.15	56088.42	56101.34375	56089.42300	56096.44922	505027.5	5408378.7
L5030.0	505027.5	5408380.1	4594.79981	264.29	94.24	48.828380	-86.931500	56088.65	56250.2	-0.15	56088.49	56101.37891	56089.55921	56096.57813	505027.5	5408380.1
L5030.0	505027.5	5408380.1	4594.89990	264.14	100.06	48.828380	-86.931500	56088.83	56250.2	-0.16	56088.67	56101.52344	56089.70835	56096.72266	505027.5	5408380.1
L5030.0	505027.5	5408381.7	4595.00000	263.71	100.06	48.828394	-86.931500	56088.88	56250.2	-0.16	56088.72	56101.53906	56089.83944	56096.84766	505027.5	5408381.7
L5030.0	505027.5	5408383.4	4595.10010	263.08	101.1	48.828409	-86.931500	56089.03	56250.2	-0.17	56088.86	56101.64844	56089.98021	56096.98438	505027.5	5408383.4
L5030.0	505027.5	5408383.4	4595.20020	263.58	101.1	48.828409	-86.931500	56089.10	56250.2	-0.17	56088.93	56101.68750	56090.11106	56097.10938	505027.5	5408383.4
L5030.0	505027.5	5408384.8	4595.29981	263.31	96.59	48.828421	-86.931500	56089.18	56250.2	-0.18	56089.00	56101.72656	56090.24064	56097.23438	505027.5	5408384.8
L5030.0	505027.4	5408385.9	4595.39990	264.22	107.52	48.828432	-86.931500	56089.23	56250.2	-0.18	56089.05	56101.74609	56090.36676	56097.35938	505027.4	5408385.9
L5030.0	505027.4	5408387.6	4595.60010	264.91	107.52	48.828447	-86.931500	56089.41	56250.2	-0.19	56089.22	56101.88281	56090.50485	56097.49609	505027.4	5408387.6
L5030.0	505027.4	5408388.7	4595.60010	264.32	102.8	48.828457	-86.931500	56089.45	56250.2	-0.19	56089.26	56101.89453	56090.62728	56097.61328	505027.4	5408388.7
L5030.0	505027.4	5408388.7	4595.70020	265.01	102.8	48.828457	-86.931500	56089.48	56250.2	-0.19	56089.29	56101.89844	56090.74737	56097.73047	505027.4	5408388.7
L5030.0	505027.4	5408390.4	4595.79981	264.18	107.43	48.828473	-86.931500	56089.64	56250.2	-0.20	56089.44	56102.01953	56090.87841	56097.86328	505027.4	5408390.4
L5030.0	505027.4	5408392.5	4595.89990	263.83	107.43	48.828491	-86.931500	56089.71	56250.2	-0.21	56089.51	56102.06250	56090.99932	56097.98047	505027.4	5408392.5
L5030.0	505027.4	5408393.9	4596.00000	261.27	104.85	48.828504	-86.931500	56089.76	56250.2	-0.21	56089.55	56102.07422	56091.11530	56098.09766	505027.4	5408393.9
L5030.0	505027.4	5408393.9	4596.10010	260.01	104.37	48.828504	-86.931500	56089.84	56250.2	-0.21	56089.63	56102.12891	56091.23336	56098.21484	505027.4	5408393.9
L5030.0	505027.4	5408395.4	4596.20020	260.34	104.37	48.828517	-86.931500	56089.91	56250.2	-0.21	56089.69	56102.16406	56091.34722	56098.32813	505027.4	5408395.4
L5030.0	505027.4	5408396.5	4596.29981	261.31	103.58	48.828527	-86.931500	56089.99	56250.2	-0.21	56089.78	56102.23047	56091.46186	56098.44531	505027.4	5408396.5
L5030.0	505027.5	5408397.9	4596.39990	260.97	103.58	48.828540	-86.931500	56090.06	56250.2	-0.21	56089.85	56102.27344	56091.57216	56098.55859	505027.5	5408397.9
L5030.0	505027.5	5408397.9	4596.50000	263.55	107.89	48.828540	-86.931500	56090.12	56250.2	-0.21	56089.91	56102.30859	56091.67905	56098.66406	505027.5	5408397.9
L5030.0	505027.5	5408399.6	4596.60010	265.93	107.89	48.828555	-86.931500	56090.12	56250.2	-0.22	56089.90	56102.27734	56091.77573	56098.76563	505027.5	5408399.6
L5030.0	505027.5	5408400.9	4596.70020	265.00	107.34	48.828567	-86.931500	56090.09	56250.2	-0.22	56089.88	56102.23438	56091.86845	56098.85938	505027.5	5408400.9
L5030.0	505027.5	5408402.4	4596.79981	263.47	105.52	48.828580	-86.931500	56090.06	56250.2	-0.22	56089.85	56102.17969	56091.95713	56098.95313	505027.5	5408402.4
L5030.0	505027.5	5408402.4	4596.89990	263.54	105.52	48.828580	-86.931500	56090.20	56250.2	-0.22	56089.98	56102.28516	56092.06299	56099.06250	505027.5	5408402.4
L5030.0	505027.5	5408404.0	4597.00000	263.39	105.52	48.828595	-86.931500	56090.14	56250.2	-0.22	56089.92	56102.20313	56092.14302	56099.14844	505027.5	5408404.0
L5030.0	505027.5	5408405.9	4597.10010	262.56	104.97	48.828612	-86.931500	56090.29	56250.2	-0.22	56090.06	56102.32031	56092.24738	56099.25781	505027.5	5408405.9
L5030.0	505027.5	5408407.1	4597.20020	262.01	104.97	48.828623	-86.931500	56090.32	56250.2	-0.23	56090.10	56102.33984	56092.33720	56099.35547	505027.5	5408407.1
L5030.0	505027.5	5408408.5	4597.29981	262.69	102.36	48.828635	-86.931500	56090.44	56250.2	-0.23	56090.21	56102.42969	56092.43592	56099.45703	505027.5	5408408.5
L5030.0	505027.5	5408408.5	4597.39990	264.74	103.63	48.828635	-86.931500	56090.59	56250.2	-0.24	56090.36	56102.55859	56092.54027	56099.57031	505027.5	5408408.5
L5030.0	505027.4	5408409.9	4597.50000	262.27	103.63	48.828648	-86.931500	56090.60	56250.2	-0.24	56090.36	56102.53516	56092.62138	56099.66016	505027.4	5408409.9
L5030.0	505027.4	5408411.3	4597.60010	266.65	104.09	48.828660	-86.931500	56090.54	56250.2	-0.24	56090.30	56102.45703	56092.69165	56099.73828	505027.4	5408411.3
L5030.0	505027.4	5408413.0	4597.70020	269.04	104.47	48.828676	-86.931500	56090.57	56250.2	-0.25	56090.32	56102.45313	56092.77372	56099.82813	505027.4	5408413.0
L5030.0	505027.4	5408413.0	4597.79981	268.43	104.63	48.828676	-86.931500	56090.60	56250.3	-0.25	56090.35	56102.46484	56092.85706	56099.92188	505027.4	5408413.0
L5030.0	505027.4	5408414.8	4597.89990	269.65	104.63	48.828692	-86.931500	56090.70	56250.3	-0.26	56090.44	56102.53125	56092.95081	56100.02344	505027.4	5408414.8
L5030.0	505027.4	5408416.4	4598.00000	267.99	104.39	48.828706	-86.931500	56090.77	56250.3	-0.26	56090.51	56102.58203	56093.04163	56100.12500	505027.4	5408416.4
L5030.0	505027.4	5408416.4	4598.10010	267.19	104.39	48.828706	-86.931500	56090.82	56250.3	-0.26	56090.56	56102.61328	56093.12946	56100.22266	505027.4	5408416.4
L5030.0	505027.4	5408418.0	4598.20020	269.17	100.9	48.828721	-86.931501	56090.91	56250.3	-0.27	56090.64	56102.67188	56093.22360	56100.32813	505027.4	5408418.0
L5030.0	505027.3	5408419.4	4598.29981	259.25	101.33	48.828733	-86.931501	56090.97	56250.3	-0.27	56090.70	56102.71094	56093.31507	56100.43359	505027.3	5408419.4
L5030.0	505027.3	5408420.8	4598.39990	259.36	101.33	48.828746	-86.931501	56091.02	56250.3	-0.27	56090.75	56102.74219	56093.40591	56100.53516	505027.3	5408420.8
L5030.0	505027.3	5408420.8	4598.50000	268.12	101.32	48.828746	-86.931501	56091.02	56250.3	-0.28	56090.75	56102.72266	56093.48854	56100.63281	505027.3	5408420.8
L5030.0	505027.3	5408422.2	4598.60010	265.44	101.32	48.828758	-86.931502	56091.10	56250.3	-0.28	56090.82	56102.76953	56093.58632	56100.74609	505027.3	5408422.2
L5030.0	505027.3	5408423.4	4598.70020	265.19	101.47	48.828769	-86.931502	56091.13	56250.3	-0.28	56090.85	56102.78125	56093.67808	56100.85156	505027.3	5408423.4
L5030.0	505027.2	5408424.6	4598.79981	264.39	101.51	48.828780	-86.931502	56091.16	56250.3	-0.28	56090.87	56102.78125	56093.76985	56100.95703	505027.2	5408424.6
L5030.0	505027.2	5408425.7	4598.89990	267.29	100.54	48.828789	-86.931503	56091.21	56250.3	-0.29	56090.92	56102.80859	56093.86962	56101.07031	505027.2	5408425.7
L5030.0	505027.2	5408427.2	4599.00000	272.26	100.54	48.828804	-86.931503	56091.20	56250.3	-0.29	56090.91	56102.77734	56093.95988	56101.17969	505027.2	5408427.2
L5030.0	505027.2	5408427.2	4599.10010	271.97	98.9	48.828804	-86.931503	56091.31	56250.3	-0.29	56091.01	56102.85938	56094.07389	56101.30859	505027.2	5408427.2
L5030.0	505027.1	5408429.8	4599.20020	263.70	98.9	48.828826	-86.931504	56091.31	56250.3	-0.30	56091.01	56102.83594	56094.17070	56101.42188	505027.1	5408429.8
L5030.0	505027.1	5408429.8	4599.29981	263.39	101.67	48.828826	-86.931504	56091.41	56250.3	-0.30	56091.11	56102.91797	56094.28913	56101.55859	505027.1	5408429.8
L5030.0	505027.1	5408431.8	4599.39990	263.08	101.67	48.828845	-86.931505	56091.43	56250.3	-0.30	56091.13	56102.91406	56094.39448	56101.67969	505027.1	5408431.8
L5030.0	505027.1	5408431.8	4599.50000	261.06	100.17	48.828845	-86.931505	56091.46	56250.3	-0.31	56091.15	56102.91406	56094.50196	56101.80859	505027.1	5408431.8
L5030.0	505027.0	5408433.4	4599.60010	258.87	102	48.828859	-86.931505	56091.46	56250.3	-0.31	56091.15	56102.89063	56094.60799	56101.93359	505027.0	5408433.4
L5030.0	505027.0	5408434.8	4599.70020	270.65	102	48.828872	-86.931505	56091.48	56250.3	-0.31	56091.17	56102.89063	56094.71967	56102.06250	505027.0	5408434.8
L5030.0	505027.0	5408436.4	4599.79981	270.00	101.59	48.828886	-86.931505	56091.58	56250.3	-0.31	56091.27	56102.96875	56094.84680	56102.21094	505027.0	5408436.4
L5030.0	505027.0	5408436.4	4599.89990	272.92	84.61	48.828886	-86.931505	56091.58	56250.3	-0.32	56091.26	56102.93750	56094.95486	56102.33984	505027.0	5408436.4
L5030.0	505027.0	5408437.6	4600.00000	272.07	89.48	48.828897	-86.931506	56091.70	56250.3	-0.32	56091.38	56103.03516	56095.08495	56102.48828	505027.0	5408437.6
L5030.0	505027.0	5408438.9	4600.10010	260.58	89.48	48.828909	-86.931506	56091.73	56250.3	-0.33	56091.41	56103.04297	56095.19808	56102.62109	505027.0	5408438.9
L5030.0	505027.0	5408440.1	4600.20020	259.73	100.5	48.828920	-86.931506	56091.86	56250.3	-0.33	56091.53	56103.14063	56095.32398	56102.76953	505027.0	5408440.1
L5030.0	505027.0	5408440.1	4600.39990	268.72	100.5	48.828920	-86.931506	56091.96	56250.3	-0.34	56091.62	56103.20703	56095.44134	56102.91016	505027.0	5408440.1
L5030.0	505027.0	5408442.2	4600.39990	268.97	95.54	48.828938	-86.931506	56091.98	56250.3	-0.34	56091.64	56103.20313	56095.54287	56103.03516	505027.0	5408442.2

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5030.0	505027.0	5408443.3	4600.50000	268.61	95.54	48.828948	-86.931506	56092.12	56250.3	-0.35	56091.77	56103.30859	56095.65814	56103.17188	505027.0	5408443.3
L5030.0	505027.0	5408445.0	4600.60010	266.08	96.62	48.828963	-86.931506	56092.16	56250.4	-0.36	56091.80	56103.31641	56095.75126	56103.28906	505027.0	5408445.0
L5030.0	505027.0	5408446.1	4600.70020	265.23	96.78	48.828973	-86.931506	56092.24	56250.4	-0.36	56091.88	56103.37109	56095.84856	56103.41016	505027.0	5408446.1
L5030.0	505027.0	5408447.6	4600.79981	262.85	96.78	48.828986	-86.931506	56092.34	56250.4	-0.37	56091.98	56103.44531	56095.94599	56103.53125	505027.0	5408447.6
L5030.0	505026.9	5408448.9	4600.89990	261.79	99.57	48.828998	-86.931506	56092.52	56250.4	-0.37	56092.15	56103.58984	56096.05411	56103.66016	505026.9	5408448.9
L5030.0	505026.9	5408448.9	4601.00000	264.08	99.57	48.828998	-86.931506	56092.62	56250.4	-0.38	56092.24	56103.65625	56096.14589	56103.77734	505026.9	5408448.9
L5030.0	505026.9	5408450.7	4601.10010	265.11	96.09	48.829015	-86.931506	56092.77	56250.4	-0.39	56092.39	56103.78125	56096.79208	56104.44922	505026.9	5408450.7
L5030.0	505026.9	5408452.4	4601.20020	268.41	96.09	48.829030	-86.931506	56092.94	56250.4	-0.39	56092.55	56103.91406	56096.89742	56104.57813	505026.9	5408452.4
L5030.0	505026.9	5408452.4	4601.29981	266.79	98.25	48.829030	-86.931506	56093.07	56250.4	-0.40	56092.68	56104.01953	56097.00714	56104.71484	505026.9	5408452.4
L5030.0	505026.9	5408453.8	4601.39990	265.14	98.25	48.829042	-86.931506	56093.26	56250.4	-0.40	56092.85	56104.16016	56097.11642	56104.84766	505026.9	5408453.8
L5030.0	505026.9	5408454.9	4601.50000	267.82	98.58	48.829053	-86.931506	56093.40	56250.4	-0.41	56092.99	56104.27344	56097.23077	56104.98828	505026.9	5408454.9
L5030.0	505026.9	5408456.6	4601.60010	269.80	96.49	48.829068	-86.931506	56093.59	56250.4	-0.42	56093.17	56104.42578	56097.34666	56105.12891	505026.9	5408456.6
L5030.0	505026.9	5408456.6	4601.70020	271.86	96.49	48.829068	-86.931506	56093.76	56250.4	-0.42	56093.34	56104.57031	56097.46701	56105.27734	505026.9	5408456.6
L5030.0	505026.9	5408458.0	4601.79981	272.51	96.76	48.829080	-86.931506	56093.93	56250.4	-0.43	56093.51	56104.71094	56097.59152	56105.42969	505026.9	5408458.0
L5030.0	505026.9	5408459.6	4601.89990	273.52	96.76	48.829094	-86.931506	56094.19	56250.4	-0.43	56093.75	56104.92188	56097.71905	56105.58203	505026.9	5408459.6
L5030.0	505026.9	5408460.8	4602.00000	273.98	94.63	48.829105	-86.931506	56094.36	56250.4	-0.44	56093.92	56105.06250	56097.85329	56105.74219	505026.9	5408460.8
L5030.0	505026.9	5408460.8	4602.10010	271.62	96.59	48.829105	-86.931506	56094.62	56250.5	-0.45	56094.17	56105.28516	56097.99203	56105.91016	505026.9	5408460.8
L5030.0	505027.0	5408462.4	4602.20020	272.54	96.59	48.829120	-86.931506	56094.90	56250.5	-0.46	56094.44	56105.52734	56098.13711	56106.08203	505027.0	5408462.4
L5030.0	505027.0	5408463.6	4602.29981	272.24	94.4	48.829130	-86.931506	56095.14	56250.5	-0.47	56094.67	56105.72656	56098.28893	56106.26172	505027.0	5408463.6
L5030.0	505027.0	5408465.1	4602.39990	262.09	96.64	48.829145	-86.931506	56095.43	56250.5	-0.48	56094.95	56105.97656	56098.44729	56106.44531	505027.0	5408465.1
L5030.0	505027.0	5408466.5	4602.50000	260.66	96.64	48.829156	-86.931505	56095.73	56250.5	-0.50	56095.23	56106.22656	56098.61181	56106.63672	505027.0	5408466.5
L5030.0	505027.0	5408466.5	4602.60010	259.13	91.95	48.829156	-86.931505	56095.91	56250.5	-0.51	56095.41	56106.37500	56098.78091	56106.83594	505027.0	5408466.5
L5030.0	505027.0	5408468.1	4602.70020	258.91	92.34	48.829171	-86.931505	56096.26	56250.5	-0.52	56095.74	56106.67188	56098.95721	56107.03906	505027.0	5408468.1
L5030.0	505027.0	5408469.6	4602.79981	256.03	92.34	48.829184	-86.931505	56096.59	56250.5	-0.53	56096.06	56106.96094	56099.13783	56107.24609	505027.0	5408469.6
L5030.0	505027.0	5408470.7	4602.89990	266.60	97.54	48.829195	-86.931505	56096.87	56250.5	-0.54	56096.33	56107.19922	56099.32109	56107.45703	505027.0	5408470.7
L5030.0	505027.0	5408472.1	4603.00000	268.78	97.54	48.829207	-86.931505	56097.25	56250.6	-0.55	56096.70	56107.53516	56099.50838	56107.67188	505027.0	5408472.1
L5030.0	505027.0	5408473.7	4603.10010	268.73	97.55	48.829221	-86.931505	56097.56	56250.6	-0.56	56097.00	56107.80469	56099.69611	56107.88672	505027.0	5408473.7
L5030.0	505027.0	5408473.7	4603.20020	270.09	95.76	48.829221	-86.931505	56097.88	56250.6	-0.56	56097.32	56108.08984	56099.88503	56108.10547	505027.0	5408473.7
L5030.0	505027.0	5408474.8	4603.29981	270.29	95.76	48.829232	-86.931505	56098.36	56250.6	-0.57	56097.79	56108.52734	56100.07719	56108.32422	505027.0	5408474.8
L5030.0	505027.0	5408476.6	4603.39990	271.68	96.69	48.829247	-86.931505	56098.66	56250.6	-0.57	56098.09	56108.79297	56100.26652	56108.53906	505027.0	5408476.6
L5030.0	505027.0	5408476.6	4603.60010	270.95	96.69	48.829247	-86.931505	56099.04	56250.6	-0.59	56098.46	56109.12891	56100.45780	56108.75781	505027.0	5408476.6
L5030.0	505027.0	5408478.1	4603.60010	271.06	96.49	48.829261	-86.931505	56099.46	56250.6	-0.59	56098.87	56109.50391	56100.65143	56108.98047	505027.0	5408478.1
L5030.0	505027.0	5408479.8	4603.70020	271.65	96.49	48.829276	-86.931505	56099.88	56250.6	-0.59	56099.29	56109.89063	56100.84806	56109.20313	505027.0	5408479.8
L5030.0	505027.0	5408481.2	4603.79981	269.95	97.42	48.829289	-86.931505	56100.28	56250.6	-0.60	56099.68	56110.24609	56101.04698	56109.42969	505027.0	5408481.2
L5030.0	505027.0	5408482.5	4603.89990	269.42	97.42	48.829300	-86.931505	56100.73	56250.6	-0.60	56100.13	56110.66016	56101.25209	56109.66016	505027.0	5408482.5
L5030.0	505027.0	5408483.8	4604.00000	270.83	97.12	48.829312	-86.931505	56101.15	56250.6	-0.61	56100.54	56111.03516	56101.45916	56109.89453	505027.0	5408483.8
L5030.0	505027.0	5408483.8	4604.10010	271.63	92.24	48.829312	-86.931505	56101.60	56250.6	-0.62	56100.98	56111.43750	56101.67077	56110.13281	505027.0	5408483.8
L5030.0	505027.0	5408485.7	4604.20020	272.60	92.24	48.829330	-86.931505	56102.06	56250.6	-0.62	56101.43	56111.85156	56101.88526	56110.37500	505027.0	5408485.7
L5030.0	505027.0	5408487.1	4604.29981	273.14	95.96	48.829342	-86.931505	56102.51	56250.6	-0.63	56101.88	56112.26563	56102.10099	56110.61719	505027.0	5408487.1
L5030.0	505027.0	5408487.1	4604.39990	274.97	96.27	48.829342	-86.931505	56102.96	56250.6	-0.64	56102.33	56112.67969	56102.31686	56110.85938	505027.0	5408487.1
L5030.0	505027.0	5408488.7	4604.50000	273.36	96.27	48.829357	-86.931505	56103.47	56250.6	-0.65	56102.83	56113.14063	56102.53404	56111.10156	505027.0	5408488.7
L5030.0	505027.0	5408490.4	4604.60010	272.58	92.61	48.829372	-86.931505	56103.97	56250.7	-0.65	56103.32	56113.59375	56102.74878	56111.33984	505027.0	5408490.4
L5030.0	505027.0	5408490.4	4604.70020	271.80	90.98	48.829372	-86.931505	56104.41	56250.7	-0.66	56103.75	56113.98828	56102.95884	56111.57422	505027.0	5408490.4
L5030.0	505027.0	5408492.3	4604.79981	272.84	90.98	48.829389	-86.931505	56104.86	56250.7	-0.67	56104.19	56114.39063	56103.16700	56111.80859	505027.0	5408492.3
L5030.0	505027.0	5408493.6	4604.89990	272.37	88.78	48.829401	-86.931505	56105.37	56250.7	-0.67	56104.69	56114.85156	56103.37455	56112.03906	505027.0	5408493.6
L5030.0	505027.0	5408495.1	4605.00000	272.21	92.34	48.829414	-86.931505	56105.85	56250.7	-0.68	56105.17	56115.29297	56103.57913	56112.26953	505027.0	5408495.1
L5030.0	505027.0	5408496.5	4605.10010	273.55	92.34	48.829426	-86.931505	56106.31	56250.7	-0.69	56105.62	56115.70703	56103.78121	56112.49609	505027.0	5408496.5
L5030.0	505027.0	5408496.5	4605.20020	271.12	89.05	48.829426	-86.931505	56106.82	56250.7	-0.70	56106.12	56116.16797	56103.98272	56112.71875	505027.0	5408496.5
L5030.0	505027.0	5408498.3	4605.29981	267.61	89.05	48.829443	-86.931505	56107.34	56250.7	-0.71	56106.63	56116.63672	56104.18279	56112.94531	505027.0	5408498.3
L5030.0	505027.0	5408499.8	4605.39990	266.65	82.31	48.829456	-86.931505	56107.79	56250.7	-0.72	56107.07	56117.03906	56104.38046	56113.16406	505027.0	5408499.8
L5030.0	505027.0	5408499.8	4605.50000	268.40	88.71	48.829456	-86.931505	56108.36	56250.7	-0.73	56107.63	56117.56250	56104.57827	56113.38281	505027.0	5408499.8
L5030.0	505027.0	5408501.4	4605.60010	267.31	88.71	48.829471	-86.931505	56108.81	56250.7	-0.74	56108.07	56117.96094	56104.77327	56113.60156	505027.0	5408501.4
L5030.0	505027.0	5408503.3	4605.70020	265.63	85.05	48.829488	-86.931504	56109.32	56250.8	-0.75	56108.57	56118.42578	56104.96726	56113.81641	505027.0	5408503.3
L5030.0	505027.0	5408504.7	4605.79981	266.83	85.05	48.829501	-86.931504	56109.72	56250.8	-0.76	56108.96	56118.77734	56105.15837	56114.02734	505027.0	5408504.7
L5030.0	505027.0	5408504.7	4605.89990	268.34	81.17	48.829501	-86.931504	56110.25	56250.8	-0.77	56109.48	56119.25781	56105.34809	56114.23828	505027.0	5408504.7
L5030.0	505027.1	5408506.4	4606.00000	268.46	89.6	48.829516	-86.931504	56110.66	56250.8	-0.78	56109.88	56119.61719	56105.53396	56114.44531	505027.1	5408506.4
L5030.0	505027.1	5408507.8	4606.10010	270.82	88.18	48.829528	-86.931504	56111.14	56250.8	-0.79	56110.35	56120.05078	56105.71688	56114.64844	505027.1	5408507.8
L5030.0	505027.1	5408507.8	4606.20020	271.76	88.18	48.829528	-86.931504	56111.62	56250.8	-0.80	56110.82	56120.48047	56105.89655	56114.84375	505027.1	5408507.8
L5030.0	505027.1	5408509.5	4606.29981	271.49	88.18	48.829544	-86.931504	56112.02	56250.8	-0.80	56111.22	56120.84375	56106.07261	56115.03906	505027.1	5408509.5
L5030.0	505027.1	5408510.7	4606.39990	272.76	88.53	48.829555	-86.931503	56112.53	56250.8	-0.81	56111.72	56121.30469	56106.24536	56115.23047	505027.1	5408510.7
L5030.0	505027.1	5408511.9	4606.50000	273.11	86.35	48.829565	-86.931503	56113.06	56250.8	-0.82	56112.24	56121.78516	56106.41412	56115.41797	505027.1	5408511.9
L5030.0	505027.1	5408513.3	4606.60010	272.70	86.35	48.829577	-86.931503	56113.44	56250.8	-0.83	56112.61	56122.11719	56106.57790	56115.59766	505027.1	5408513.3
L5030.0	505027.1	5408514.7	4606.70020	268.98	85.33	48.829590	-86.931503	56113.87	56250.8	-0.84	56113.03	56122.50000	56106.73546	56115.77344	505027.1	5408514.7
L5030.0	505027.1	5408516.3	4606.79981	270.44	85.33	48.829605	-86.931503	56114.25	56250.8	-0.84	56113.40	56122.83203	56106.88542	56115.93750	505027.1	5408516.3
L5030.0	505027.1	5408517.8	4606.89990	268.79	80.68	48.829618	-86.931504	56114.70	56250.9	-0.85	56113.85	56123.24609	56107.02569	56116.09375	505027.1	5408517.8
L5030.0	505027.1	5408517.8	4607.00000	269.74	80.68	48.829618	-86.931504	56115.05	56250.9	-0.86	56114.19	56123.54688	56107.15636	56116.23828	505027.1	5408517.8
L5030.0	505027.1	5408519.2	4607.10010	268.04	83.96	48.829631	-86.931504	56115.49	56250.9	-0.87	56114.62	56123.94141	56107.27469	56116.37109	505027.1	5408519.2
L5030.0	505027.0	5408520.6	4607.20020	267.01	86.32	48.829644	-86.931504	56115.89	56250.9	-0.88	56115.01	56124.29297	56107.38094	56116.48828	505027.0	5408520.6
L5030.0	505027.0	5408521.8	4607.29981	269.62	86.32	48.829654	-86.931504	56116.20	56250.9	-0.89	56115.31	56124.55859	56107.47704	56116.59766	505027.0	5408521.8
L5030.0	505027.0	5408521.8	4607.39990	270.50	86.32	48.829654	-86.931504	56116.57	56250.9	-0.90	56115.67	56124.88281	56107.56015	56116.69531	505027.0	5408521.8
L5030.0	505027.0	5408523.5	4607.50000	268.96	86.97	48.829670	-86.931504	56116.93	56250.9	-0.92	56116.01	56125.18750	56107.63295	56116.77734	505027.0	5408523.5
L5030.0	505027.0	5408524.8	4607.60010	260.52	88.13	48.829682	-86.931505	56117.21	56250.9	-0.93	56116.28	56125.42188	56107.70112	56116.85547	505027.0	5408524.8
L5030.0	505027.0	5408526.0	4607.70020	258.24	88.13	48.829692	-86.931505	56117.59	56250.9	-0.94	56116.65	56125.75781	56107.75921	56116.92578	505027.0	5408526.0
L5030.0	505027.0	5408526.0	4607.79981	258.28	88.41	48.829692	-86.931505	56117.89	56250.9	-0.95	56116.94	56126.01172	56107.81849	56116.99219	505027.0	5408526.0
L5030.0	505026.9	5408527.7	4607.89990	259.01	87.63	48.829707	-86.931505	56118.16	56251	-0.96	56117.20	56126.23828	56107.87979	56117.06250	505026.9	5408527.7
L5030.0	505026.9	5408530.0	4608.00000	271.52	87.63	48.829728	-86.931506	56118.47	56251	-0.97	56117.50	56126.50781	56107.94095	56117.13281	505026.9	5408530.0
L5030.0	505026.9	5408530.0	4608.10010	272.51	88.22	48.829728	-86.931506	56118.70	56251	-0.97	56117.72	56126.69531	56108.01107	56117.21094	505026.9	5408530.0
L5030.0	505026.9	5408531.2	4608.20020	270.46	87.99	48.829739	-86.931506	56118.96	56251	-0.98	56117.98	56126.92578	56108.08183	56117.28906	505026.9	5408531.2
L5030.0	505026.9	5408533.1	4608.29981	259.28	87.99	48.829756	-86.931506	56119.18	56251	-0.99	56118.20	56127.11328	56108.15818	56117.37109	505026.9	5408533.1
L5030.0	505026.9	5408533.1	4608.39990	258.27	85.83	48.829756	-86.931506	56119.46	56251	-0.99	56118.47	56127.35547	56108.23276	56117.44922	505026.9	5408533.1
L5030.0	505026.9	5408534.9	4608.50000	269.45	85.83	48.829772	-86.931506	56119.71	56251	-0.99	56118.72	56127.57422	56108.30984	56117.53125	505026.9	5408534.9
L5030.0	505026.9	5408536.6	4608.60010	272.95	80.25	48.829788	-86.931506	56119.81	56251	-1.00	56118.81	56127.63672	56108.39809	56117.62500	505026.9	5408536.6
L5030.0	505026.8	5408537.8	4608.70020	271.97	82.1	48.829798	-86.931506	56120.02	56251	-1.00	56119.01	56127.80859	56108.47666	56117.70703	505026.8	5408537.8
L5030.0	505026.8	5408539.6	4608.79981	270.58	82.1	48.829814	-86.931506	56120.20	56251	-1.01	56119.19	56127.96484	56108.55377	56117.78516	505026.8	5408539.6
L5030.0	505026.8	5408539.6	4608.89990	269.72	78.49	48.829814	-86.931506	56120.39	56251	-1.01	56119.38	56128.12891	56108.62617	56117.85938	505026.8	5408539.6
L5030.0	505026.8	5408540.8	4609.00000	266.63	78.49	48.829825	-86.931507	56120.50	56251	-1.02	56119.48	56128.20313	56108.69889	56117.93359	505026.8	5408540.8
L5030.0	505026.8	5408542.0	4609.10010	265.88	78.49	48.829836	-86.931507	56120.65	56251	-1.03	56119.62	56128.32031	56108.76268	56117.99609	505026.8	5408542.0
L5030.0	505026.8	5408543.4	4609.20020	266.31	68.39	48.829848	-86.931507	56120.72	56251	-1.03	56119.69	56128.36719	56108.82487	56118.05859	505026.8	5408543.4
L5030.0	505026.8	5408545.0	4609.29981	271.55	78.1	48.829863	-86.931507	56120.87	56251	-1.04	56119.83	56128.48828	56108.87672	56118.10938	505026.8	5408545.0
L5030.0	505026.8	5408545.0	4609.39990	271.51	78.1	48.829863	-86.931507	56120.98	56251	-1.05	56119.93	56128.56641	56108.92489	56118.15625	505026.8	5408545.0
L5030.0	505026.8	5408546.4	4609.50000	272.03	77.59	48.829875	-86.931507	56121.03	56251.1	-1.05	56119.97	56128.58984	56108.97015	56118.19922	505026.8	5408546.4
L5030.0	505026.8	5408547.8	4609.60010	268.38	77.59	48.829888	-86.931507	56121.10	56251.1	-1.06	56120.04	56128.64453	56109.00785	56118.23047	505026.8	5408547.8
L5030.0	505026.8	5408549.1	4609.70020	267.06	77.01	48.829900	-86.931506	56121.11	56251.1	-1.07	56120.04	56128.62891	56109.04303	56118.26172	505026.8	5408549.1

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5030.0	505026.8	5408549.1	4609.79981	268.58	78.53	48.829900	-86.931506	56121.21	56251.1	-1.08	56120.13	56128.70313	56109.06796	56118.28125	505026.8	5408549.1
L5030.0	505026.8	5408550.8	4609.89990	266.79	78.53	48.829915	-86.931506	56121.10	56251.1	-1.08	56120.01	56128.57031	56109.09644	56118.30469	505026.8	5408550.8
L5030.0	505026.8	5408552.4	4610.00000	265.18	78.62	48.829930	-86.931506	56121.21	56251.1	-1.09	56120.12	56128.67188	56109.10902	56118.31250	505026.8	5408552.4
L5030.0	505026.9	5408553.9	4610.10010	268.42	78.62	48.829943	-86.931506	56121.20	56251.1	-1.09	56120.10	56128.64063	56109.12141	56118.31641	505026.9	5408553.9
L5030.0	505026.9	5408555.3	4610.20020	269.25	71.07	48.829955	-86.931506	56121.26	56251.1	-1.10	56120.16	56128.69141	56109.12492	56118.31250	505026.9	5408555.3
L5030.0	505026.9	5408555.3	4610.29981	269.25	71.07	48.829955	-86.931506	56121.23	56251.1	-1.10	56120.13	56128.65625	56109.12519	56118.30469	505026.9	5408555.3
L5030.0	505026.9	5408556.7	4610.39990	268.68	76.83	48.829968	-86.931505	56121.18	56251.1	-1.11	56120.07	56128.59375	56109.11922	56118.28906	505026.9	5408556.7
L5030.0	505026.9	5408558.1	4610.50000	270.30	76.83	48.829980	-86.931505	56121.26	56251.1	-1.11	56120.14	56128.66016	56109.10121	56118.26172	505026.9	5408558.1
L5030.0	505026.9	5408558.1	4610.60010	267.67	69.73	48.829980	-86.931505	56121.07	56251.1	-1.12	56119.95	56128.46875	56109.08300	56118.23047	505026.9	5408558.1
L5030.0	505027.0	5408561.1	4610.70020	268.44	69.73	48.830008	-86.931504	56121.06	56251.1	-1.13	56119.93	56128.45313	56109.05271	56118.19141	505027.0	5408561.1
L5030.0	505027.0	5408561.1	4610.79981	269.89	72.08	48.830008	-86.931504	56121.03	56251.1	-1.13	56119.90	56128.42578	56109.01688	56118.14063	505027.0	5408561.1
L5030.0	505027.0	5408562.7	4610.89990	269.15	72.08	48.830022	-86.931504	56120.94	56251.1	-1.14	56119.81	56128.33984	56108.97791	56118.08984	505027.0	5408562.7
L5030.0	505027.0	5408564.1	4611.00000	269.77	76.96	48.830035	-86.931504	56120.77	56251.1	-1.14	56119.63	56128.16797	56108.93694	56118.03516	505027.0	5408564.1
L5030.0	505027.0	5408564.1	4611.10010	271.18	82.87	48.830035	-86.931504	56120.70	56251.1	-1.15	56119.55	56128.10156	56108.89017	56117.97656	505027.0	5408564.1
L5030.0	505027.0	5408565.5	4611.20020	272.10	83.57	48.830048	-86.931504	56120.47	56251.2	-1.16	56119.31	56127.87109	56108.84263	56117.91406	505027.0	5408565.5
L5030.0	505027.0	5408567.6	4611.29981	271.32	83.57	48.830066	-86.931503	56120.46	56251.2	-1.17	56119.29	56127.86719	56108.78908	56117.84375	505027.0	5408567.6
L5030.0	505027.0	5408567.6	4611.39990	271.50	80.4	48.830066	-86.931503	56120.37	56251.2	-1.18	56119.19	56127.78516	56108.73450	56117.77344	505027.0	5408567.6
L5030.0	505027.0	5408568.7	4611.50000	268.66	80.4	48.830076	-86.931503	56120.39	56251.2	-1.18	56119.21	56127.82422	56108.67820	56117.69922	505027.0	5408568.7
L5030.0	505027.1	5408570.4	4611.60010	270.74	79.78	48.830091	-86.931503	56120.39	56251.2	-1.19	56119.20	56127.83594	56108.62154	56117.62500	505027.1	5408570.4
L5030.0	505027.1	5408571.7	4611.70020	270.06	79.78	48.830104	-86.931503	56120.39	56251.2	-1.20	56119.19	56127.85156	56108.56410	56117.55078	505027.1	5408571.7
L5030.0	505027.1	5408573.4	4611.79981	269.86	78.62	48.830119	-86.931503	56120.20	56251.2	-1.21	56118.98	56127.66797	56108.50317	56117.46875	505027.1	5408573.4
L5030.0	505027.1	5408573.4	4611.89990	271.89	70.89	48.830119	-86.931503	56119.96	56251.2	-1.22	56118.74	56127.46094	56108.43762	56117.38672	505027.1	5408573.4
L5030.0	505027.1	5408575.1	4612.00000	271.78	70.89	48.830133	-86.931503	56119.66	56251.2	-1.23	56118.43	56127.18359	56108.36544	56117.29297	505027.1	5408575.1
L5030.0	505027.1	5408575.1	4612.10010	269.39	76.25	48.830133	-86.931503	56119.43	56251.2	-1.23	56118.20	56126.98828	56108.28797	56117.19531	505027.1	5408575.1
L5030.0	505027.1	5408576.9	4612.20020	269.57	76.25	48.830150	-86.931503	56119.21	56251.2	-1.24	56117.97	56126.80078	56108.20208	56117.08594	505027.1	5408576.9
L5030.0	505027.1	5408578.3	4612.29981	268.62	80.72	48.830163	-86.931503	56119.15	56251.2	-1.24	56117.91	56126.78125	56108.11258	56116.97656	505027.1	5408578.3
L5030.0	505027.0	5408579.9	4612.39990	259.54	80.72	48.830177	-86.931503	56119.10	56251.2	-1.25	56117.86	56126.77734	56108.01372	56116.85547	505027.0	5408579.9
L5030.0	505027.0	5408581.4	4612.50000	258.96	82.66	48.830190	-86.931503	56119.11	56251.3	-1.25	56117.86	56126.82422	56107.90610	56116.72266	505027.0	5408581.4
L5030.0	505027.0	5408581.4	4612.60010	269.87	80.36	48.830190	-86.931503	56119.02	56251.3	-1.25	56117.77	56126.78906	56107.78172	56116.57422	505027.0	5408581.4
L5030.0	505027.0	5408582.9	4612.70020	270.46	80.36	48.830204	-86.931503	56118.90	56251.3	-1.26	56117.64	56126.71094	56107.64064	56116.41016	505027.0	5408582.9
L5030.0	505027.0	5408582.9	4612.79981	273.48	80.39	48.830204	-86.931503	56118.68	56251.3	-1.26	56117.42	56126.55078	56107.47788	56116.22266	505027.0	5408582.9
L5030.0	505027.0	5408584.3	4612.89990	273.56	80.39	48.830217	-86.931503	56118.52	56251.3	-1.27	56117.25	56126.44141	56107.29890	56116.01953	505027.0	5408584.3
L5030.0	505027.0	5408585.9	4613.00000	273.60	83.54	48.830231	-86.931503	56118.27	56251.3	-1.27	56117.00	56126.25781	56107.09553	56115.78906	505027.0	5408585.9
L5030.0	505027.0	5408587.0	4613.10010	272.85	83.6	48.830241	-86.931503	56118.04	56251.3	-1.27	56116.77	56126.09766	56106.87204	56115.53906	505027.0	5408587.0
L5030.0	505027.0	5408588.4	4613.20020	273.30	81.19	48.830254	-86.931503	56117.78	56251.3	-1.27	56116.51	56125.91016	56106.62527	56115.26563	505027.0	5408588.4
L5030.0	505027.0	5408588.4	4613.29981	273.82	81.19	48.830254	-86.931503	56117.56	56251.3	-1.27	56116.29	56125.76563	56106.35823	56114.97266	505027.0	5408588.4
L5030.0	505027.0	5408590.5	4613.39990	272.94	79.37	48.830272	-86.931503	56117.34	56251.3	-1.27	56116.07	56125.62500	56106.06917	56114.65625	505027.0	5408590.5
L5030.0	505027.0	5408591.7	4613.50000	275.48	79.37	48.830283	-86.931503	56117.18	56251.3	-1.27	56115.91	56125.55078	56105.75954	56114.31641	505027.0	5408591.7
L5030.0	505027.0	5408593.0	4613.60010	272.67	76.44	48.830295	-86.931503	56117.08	56251.3	-1.27	56115.81	56125.53906	56105.42806	56113.95703	505027.0	5408593.0
L5030.0	505027.0	5408593.0	4613.70020	272.22	82.59	48.830295	-86.931503	56116.85	56251.3	-1.27	56115.58	56125.39844	56105.07444	56113.57422	505027.0	5408593.0
L5030.0	505027.0	5408595.3	4613.79981	269.35	82.59	48.830316	-86.931503	56116.66	56251.3	-1.27	56115.39	56125.30469	56104.70272	56113.17188	505027.0	5408595.3
L5030.0	505027.0	5408595.3	4613.89990	269.39	84.17	48.830316	-86.931503	56116.47	56251.3	-1.27	56115.20	56125.21484	56104.31371	56112.75391	505027.0	5408595.3
L5030.0	505027.0	5408596.9	4614.00000	268.69	84.42	48.830330	-86.931503	56116.24	56251.3	-1.27	56114.97	56125.08984	56103.91217	56112.32031	505027.0	5408596.9
L5030.0	505027.0	5408598.3	4614.10010	267.58	84.42	48.830342	-86.931503	56116.05	56251.3	-1.28	56114.77	56124.99609	56103.49966	56111.87891	505027.0	5408598.3
L5030.0	505027.1	5408600.1	4614.20020	267.69	84.83	48.830359	-86.931503	56115.79	56251.3	-1.28	56114.50	56124.83594	56103.08689	56111.43359	505027.1	5408600.1
L5030.0	505027.1	5408600.1	4614.29981	269.09	84.83	48.830359	-86.931503	56115.54	56251.3	-1.29	56114.25	56124.70313	56102.67398	56110.98828	505027.1	5408600.1
L5030.0	505027.0	5408601.3	4614.39990	263.23	85.01	48.830369	-86.931503	56115.25	56251.3	-1.29	56113.96	56124.53516	56103.46687	56111.75000	505027.0	5408601.3
L5030.0	505027.1	5408603.1	4614.50000	264.12	83.76	48.830385	-86.931503	56114.98	56251.3	-1.30	56113.68	56124.37891	56103.09473	56111.34375	505027.1	5408603.1
L5030.0	505027.1	5408604.4	4614.60010	261.39	83.76	48.830398	-86.931502	56114.73	56251.3	-1.31	56113.42	56124.25000	56102.74016	56110.95703	505027.1	5408604.4
L5030.0	505027.1	5408604.4	4614.70020	258.80	85.15	48.830398	-86.931502	56114.38	56251.3	-1.31	56113.06	56124.02344	56102.38204	56110.56641	505027.1	5408604.4
L5030.0	505027.1	5408606.1	4614.79981	259.68	82.99	48.830413	-86.931502	56114.20	56251.3	-1.32	56112.88	56123.98047	56102.07076	56110.22266	505027.1	5408606.1
L5030.0	505027.1	5408607.7	4614.89990	260.08	82.99	48.830427	-86.931502	56113.89	56251.3	-1.32	56112.57	56123.81250	56101.75123	56109.86719	505027.1	5408607.7
L5030.0	505027.1	5408607.7	4615.00000	269.01	82.68	48.830427	-86.931502	56113.64	56251.3	-1.33	56112.31	56123.69922	56101.45519	56109.53906	505027.1	5408607.7
L5030.0	505027.1	5408609.6	4615.10010	269.61	82.96	48.830444	-86.931502	56113.29	56251.3	-1.33	56111.96	56123.50391	56101.15696	56109.20313	505027.1	5408609.6
L5030.0	505027.1	5408611.2	4615.20020	260.84	82.96	48.830458	-86.931502	56112.95	56251.3	-1.33	56111.62	56123.32031	56100.87229	56108.88672	505027.1	5408611.2
L5030.0	505027.1	5408611.2	4615.29981	263.41	81.19	48.830458	-86.931502	56112.68	56251.3	-1.33	56111.35	56123.21094	56100.61032	56108.58594	505027.1	5408611.2
L5030.0	505027.1	5408612.8	4615.39990	262.23	81.19	48.830473	-86.931501	56112.32	56251.3	-1.33	56110.99	56123.01563	56100.33976	56108.28125	505027.1	5408612.8
L5030.0	505027.1	5408614.2	4615.50000	271.00	82.5	48.830486	-86.931501	56112.00	56251.3	-1.33	56110.66	56122.85547	56100.08050	56107.98438	505027.1	5408614.2
L5030.0	505027.2	5408615.6	4615.60010	271.17	82.5	48.830498	-86.931501	56111.59	56251.3	-1.34	56110.25	56122.62109	56099.80914	56107.67969	505027.2	5408615.6
L5030.0	505027.2	5408615.6	4615.70020	269.62	81.86	48.830498	-86.931501	56111.24	56251.3	-1.34	56109.90	56122.44922	56098.13006	56105.96094	505027.2	5408615.6
L5030.0	505027.2	5408617.2	4615.79981	270.45	74.79	48.830512	-86.931501	56110.86	56251.3	-1.34	56109.53	56122.26563	56097.85665	56105.65234	505027.2	5408617.2
L5030.0	505027.2	5408618.8	4615.89990	270.29	74.79	48.830527	-86.931501	56110.47	56251.3	-1.34	56109.13	56122.05469	56097.57833	56105.33594	505027.2	5408618.8
L5030.0	505027.2	5408620.4	4616.00000	269.42	74.79	48.830541	-86.931501	56110.09	56251.3	-1.34	56108.75	56121.86719	56097.28900	56105.01172	505027.2	5408620.4
L5030.0	505027.2	5408621.8	4616.10010	270.66	74.43	48.830554	-86.931500	56109.65	56251.3	-1.34	56108.31	56121.62500	56096.98996	56104.67188	505027.2	5408621.8
L5030.0	505027.2	5408621.8	4616.20020	271.90	74.43	48.830554	-86.931500	56109.27	56251.3	-1.34	56107.93	56121.44922	56096.67389	56104.32031	505027.2	5408621.8
L5030.0	505027.2	5408623.1	4616.29981	272.25	80.28	48.830566	-86.931500	56108.84	56251.3	-1.34	56107.50	56121.22656	56096.34432	56103.95313	505027.2	5408623.1
L5030.0	505027.2	5408624.6	4616.39990	270.36	75.58	48.830579	-86.931500	56108.38	56251.3	-1.34	56107.04	56120.97656	56095.99923	56103.57031	505027.2	5408624.6
L5030.0	505027.2	5408624.6	4616.50000	270.24	75.58	48.830579	-86.931500	56107.97	56251.3	-1.34	56106.63	56120.78516	56095.63679	56103.16797	505027.2	5408624.6
L5030.0	505027.2	5408626.4	4616.60010	270.60	70.55	48.830595	-86.931500	56107.52	56251.3	-1.34	56106.18	56120.55859	56095.25854	56102.75000	505027.2	5408626.4
L5030.0	505027.3	5408627.8	4616.70020	271.10	82.14	48.830608	-86.931500	56107.04	56251.3	-1.34	56105.70	56120.30469	56094.86441	56102.31641	505027.3	5408627.8
L5030.0	505027.3	5408629.2	4616.79981	270.76	82.14	48.830620	-86.931499	56106.58	56251.3	-1.34	56105.24	56120.07422	56094.45427	56101.86719	505027.3	5408629.2
L5030.0	505027.3	5408629.2	4616.89990	269.43	83.98	48.830620	-86.931499	56106.09	56251.3	-1.34	56104.75	56119.82031	56094.02704	56101.40234	505027.3	5408629.2
L5030.0	505027.3	5408630.8	4617.00000	269.25	83.98	48.830635	-86.931499	56105.58	56251.3	-1.34	56104.24	56119.55078	56093.58355	56100.91797	505027.3	5408630.8
L5030.0	505027.3	5408632.2	4617.10010	270.40	83.64	48.830647	-86.931499	56105.04	56251.3	-1.34	56103.70	56119.25391	56093.12449	56100.41797	505027.3	5408632.2
L5030.0	505027.3	5408633.6	4617.20020	269.74	83.64	48.830660	-86.931499	56104.48	56251.3	-1.35	56103.13	56118.93359	56092.65178	56099.90625	505027.3	5408633.6
L5030.0	505027.3	5408635.0	4617.29981	269.92	83.78	48.830673	-86.931498	56103.98	56251.3	-1.35	56102.63	56118.68750	56092.16965	56099.38281	505027.3	5408635.0
L5030.0	505027.3	5408635.0	4617.39990	269.40	71.79	48.830673	-86.931498	56103.32	56251.4	-1.35	56101.97	56118.28516	56091.67238	56098.84766	505027.3	5408635.0
L5030.0	505027.4	5408636.6	4617.50000	270.30	71.27	48.830687	-86.931498	56102.79	56251.4	-1.35	56101.43	56118.00391	56091.16953	56098.30078	505027.4	5408636.6
L5030.0	505027.4	5408638.0	4617.60010	269.07	71.27	48.830699	-86.931498	56102.16	56251.4	-1.36	56100.80	56117.64063	56090.65483	56097.74609	505027.4	5408638.0
L5030.0	505027.4	5408639.1	4617.70020	269.95	74.47	48.830709	-86.931498	56101.50	56251.4	-1.36	56100.14	56117.25000	56090.12863	56097.17969	505027.4	5408639.1
L5030.0	505027.4	5408640.6	4617.79981	267.93	74.47	48.830723	-86.931498	56100.81	56251.4	-1.36	56099.45	56116.83594	56089.58967	56096.59766	505027.4	5408640.6
L5030.0	505027.4	5408640.6	4617.89990	267.61	83.28	48.830723	-86.931498	56100.18	56251.4	-1.37	56098.82	56116.48438	56089.04111	56096.00781	505027.4	5408640.6
L5030.0	505027.4	5408642.4	4618.00000	268.34	83.28	48.830739	-86.931498	56099.42	56251.4	-1.37	56098.05	56115.99609	56088.47176	56095.39844	505027.4	5408642.4
L5030.0	505027.4	5408643.8	4618.10010	268.49	75.56	48.830751	-86.931498	56098.80	56251.4	-1.37	56097.43	56115.66406	56087.89442	56094.77734	505027.4	5408643.8
L5030.0	505027.4	5408643.8	4618.20020	271.17	75.56	48.830751	-86.931498	56098.06	56251.4	-1.37	56096.68	56115.20313	56087.29343	56094.13672	505027.4	5408643.8
L5030.0	505027.4	5408645.5	4618.29981	274.21	72.15	48.830767	-86.931498	56097.30	56251.4	-1.37	56095.93	56114.74609	56086.67396	56093.47266	505027.4	5408645.5
L5030.0	505027.4	5408647.1	4618.39990	274.08	72.15	48.830782	-86.931497	56096.57	56251.4	-1.37	56095.20	56114.31250	56086.03528	56092.79297	505027.4	5408647.1
L5030.0	505027.4	5408648.2	4618.50000	272.98	71.71	48.830792	-86.931497	56095.81	56251.4	-1.38	56094.43	56113.84375	56085.37359	56092.08984	505027.4	5408648.2
L5030.0	505027.4	5408649.9	4618.60010	270.79	71.71	48.830807	-86.931498	56095.05	56251.4	-1.38	56093.68	56113.39844	56084.69248	56091.36328	505027.4	5408649.9
L5030.0	505027.4	5408649.9	4618.70020	272.29	80.87	48.830807	-86.931498	56094.24	56251.4	-1.38	56092.86	56112.88281	56083.98776	56090.61719	505027.4	5408649.9
L5030.0	505027.4	5408651.3	4618.79981	274.11	80.33	48.830819	-86.931498	56093.43	56251.4	-1.38	56092.05	56112.38281	56083.26438	56089.85156	505027.4	5408651.3
L5030.0	505027.4	5408653.0	4618.89990	266.26	80.33	48.830834	-86.931498	56092.55	56251.4	-1.38	56091.17	56111.81641	56082.51963	56089.06250	505027.4	5408653.0
L5030.0	505027.4	5408653.0	4619.00000	266.54	80.33	48.830834	-86.931498	56091.64	56251.4	-1.38	56090.26	56111.22266	56081.75706	56088.25391	505027.4	5408653.0

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5030.0	505027.3	5408654.6	4619.10010	272.59	63.13	48.830849	-86.931498	56090.77	56251.4	-1.38	56089.39	56110.67188	56080.98029	56087.43359	505027.3	5408654.6
L5030.0	505027.3	5408655.8	4619.20020	271.72	65.55	48.830860	-86.931498	56089.79	56251.4	-1.38	56088.41	56110.01172	56080.18702	56086.59766	505027.3	5408655.8
L5030.0	505027.3	5408657.1	4619.29981	270.46	72.09	48.830871	-86.931499	56088.83	56251.4	-1.38	56087.45	56109.37500	56079.38329	56085.75000	505027.3	5408657.1
L5030.0	505027.3	5408658.4	4619.39990	270.98	72.09	48.830883	-86.931499	56087.79	56251.4	-1.38	56086.41	56108.66016	56078.56968	56084.89063	505027.3	5408658.4
L5030.0	505027.3	5408658.4	4619.50000	271.10	75.67	48.830883	-86.931499	56086.82	56251.4	-1.38	56085.44	56108.01953	56077.74912	56084.02344	505027.3	5408658.4
L5030.0	505027.3	5408659.8	4619.60010	268.00	66.6	48.830895	-86.931499	56085.87	56251.4	-1.38	56084.49	56107.39844	56076.92175	56083.15234	505027.3	5408659.8
L5030.0	505027.3	5408661.4	4619.70020	268.51	66.54	48.830910	-86.931499	56084.81	56251.4	-1.38	56083.43	56106.67188	56076.09066	56082.27734	505027.3	5408661.4
L5030.0	505027.2	5408662.6	4619.79981	269.20	66.54	48.830921	-86.931499	56083.71	56251.4	-1.38	56082.33	56105.90625	56075.25694	56081.39844	505027.2	5408662.6
L5030.0	505027.2	5408662.6	4619.89990	267.52	68.06	48.830921	-86.931499	56082.63	56251.4	-1.38	56081.25	56105.16016	56074.41950	56080.51172	505027.2	5408662.6
L5030.0	505027.2	5408665.4	4620.00000	263.67	68.06	48.830946	-86.931500	56081.46	56251.4	-1.38	56080.08	56104.32422	56073.58206	56079.62891	505027.2	5408665.4
L5030.0	505027.2	5408665.4	4620.10010	264.25	77.94	48.830946	-86.931500	56080.36	56251.4	-1.38	56078.97	56103.55469	56072.73932	56078.74219	505027.2	5408665.4
L5030.0	505027.2	5408667.3	4620.20020	266.86	77.94	48.830963	-86.931500	56079.11	56251.4	-1.38	56077.73	56102.65234	56071.89823	56077.85156	505027.2	5408667.3
L5030.0	505027.2	5408668.7	4620.29981	266.13	75.18	48.830976	-86.931500	56077.88	56251.4	-1.39	56076.49	56101.75000	56071.05290	56076.96094	505027.2	5408668.7
L5030.0	505027.2	5408668.7	4620.39990	264.64	75.18	48.830976	-86.931500	56076.64	56251.4	-1.39	56075.25	56100.85156	56070.20219	56076.06250	505027.2	5408668.7
L5030.0	505027.2	5408670.7	4620.50000	270.69	74.17	48.830994	-86.931500	56075.32	56251.4	-1.39	56073.93	56099.87109	56069.34858	56075.16016	505027.2	5408670.7
L5030.0	505027.2	5408672.3	4620.60010	268.56	70.94	48.831009	-86.931499	56074.03	56251.4	-1.39	56072.64	56098.92188	56068.48577	56074.25000	505027.2	5408672.3
L5030.0	505027.2	5408672.3	4620.70020	269.15	70.94	48.831009	-86.931499	56072.66	56251.4	-1.39	56071.27	56097.89063	56067.61708	56073.33594	505027.2	5408672.3
L5030.0	505027.2	5408674.0	4620.79981	269.49	70.94	48.831023	-86.931499	56071.26	56251.4	-1.40	56069.87	56096.83203	56066.73856	56072.40625	505027.2	5408674.0
L5030.0	505027.3	5408675.4	4620.89990	270.89	74.37	48.831036	-86.931499	56069.93	56251.4	-1.40	56068.54	56095.84375	56065.84481	56071.46484	505027.3	5408675.4
L5030.0	505027.3	5408677.0	4621.00000	268.94	71.11	48.831051	-86.931499	56068.44	56251.4	-1.40	56067.04	56094.68359	56064.94254	56070.51563	505027.3	5408677.0
L5030.0	505027.3	5408677.0	4621.10010	268.24	69.72	48.831051	-86.931499	56067.02	56251.4	-1.40	56065.62	56093.60156	56064.02226	56069.54297	505027.3	5408677.0
L5030.0	505027.3	5408678.9	4621.20020	268.82	69.72	48.831067	-86.931499	56065.45	56251.4	-1.40	56064.05	56092.36719	56063.08921	56068.56250	505027.3	5408678.9
L5030.0	505027.3	5408678.9	4621.29981	270.47	66.24	48.831067	-86.931499	56063.91	56251.4	-1.40	56062.51	56091.16406	56062.13875	56067.56250	505027.3	5408678.9
L5030.0	505027.3	5408680.3	4621.39990	268.42	66.24	48.831080	-86.931498	56062.38	56251.4	-1.40	56060.97	56089.96094	56061.17236	56066.54688	505027.3	5408680.3
L5030.0	505027.3	5408681.8	4621.50000	270.35	68.66	48.831094	-86.931498	56060.72	56251.4	-1.40	56059.32	56088.64453	56060.19187	56065.51563	505027.3	5408681.8
L5030.0	505027.3	5408683.5	4621.60010	271.50	68.66	48.831109	-86.931498	56059.06	56251.4	-1.40	56057.66	56087.31641	56059.19726	56064.46875	505027.3	5408683.5
L5030.0	505027.3	5408684.9	4621.70020	271.00	72.35	48.831121	-86.931498	56057.46	56251.4	-1.40	56056.06	56086.04688	56058.19002	56063.41016	505027.3	5408684.9
L5030.0	505027.3	5408684.9	4621.79981	271.57	70.74	48.831121	-86.931498	56055.76	56251.4	-1.40	56054.36	56084.67578	56057.17173	56062.33984	505027.3	5408684.9
L5030.0	505027.4	5408686.7	4621.89990	272.09	70.74	48.831138	-86.931498	56053.94	56251.4	-1.40	56052.54	56083.17969	56056.14334	56061.26172	505027.4	5408686.7
L5030.0	505027.4	5408686.7	4622.00000	272.94	65.78	48.831138	-86.931498	56052.25	56251.4	-1.40	56050.85	56081.81250	56055.10742	56060.17188	505027.4	5408686.7
L5030.0	505027.4	5408687.9	4622.10010	260.44	65.78	48.831148	-86.931497	56050.32	56251.4	-1.40	56048.92	56080.20313	56054.06352	56059.07422	505027.4	5408687.9
L5030.0	505027.4	5408689.6	4622.20020	262.12	76.09	48.831163	-86.931497	56048.38	56251.4	-1.40	56046.98	56078.57813	56053.01387	56057.97266	505027.4	5408689.6
L5030.0	505027.4	5408690.9	4622.29981	261.15	67.65	48.831176	-86.931497	56046.54	56251.4	-1.40	56045.13	56077.04297	56051.95982	56056.86719	505027.4	5408690.9
L5030.0	505027.4	5408692.6	4622.39990	262.76	67.65	48.831191	-86.931496	56044.59	56251.4	-1.40	56043.18	56075.40234	56050.90093	56055.75391	505027.4	5408692.6
L5030.0	505027.4	5408693.8	4622.50000	271.48	67.08	48.831201	-86.931496	56042.59	56251.4	-1.40	56041.18	56073.71094	56049.83751	56054.63672	505027.4	5408693.8
L5030.0	505027.4	5408693.8	4622.60010	272.21	67.08	48.831201	-86.931496	56040.58	56251.4	-1.41	56039.18	56072.01172	56048.76943	56053.51172	505027.4	5408693.8
L5030.0	505027.5	5408695.6	4622.70020	270.48	70.54	48.831218	-86.931496	56038.54	56251.4	-1.41	56037.14	56070.26953	56047.69583	56052.38281	505027.5	5408695.6
L5030.0	505027.5	5408696.9	4622.79981	269.36	70.54	48.831229	-86.931496	56036.41	56251.4	-1.41	56035.01	56068.43359	56046.61592	56051.25000	505027.5	5408696.9
L5030.0	505027.5	5408696.9	4622.89990	268.41	64.42	48.831229	-86.931496	56034.26	56251.4	-1.41	56032.85	56066.56641	56045.52889	56050.10547	505027.5	5408696.9
L5030.0	505027.5	5408698.5	4623.00000	268.41	64.42	48.831244	-86.931496	56032.04	56251.4	-1.41	56030.63	56064.62891	56044.43326	56048.95703	505027.5	5408698.5
L5030.0	505027.5	5408700.1	4623.10010	270.74	63.08	48.831258	-86.931495	56029.84	56251.4	-1.41	56028.43	56062.70703	56043.32750	56047.79297	505027.5	5408700.1
L5030.0	505027.5	5408701.5	4623.20020	270.66	63.08	48.831270	-86.931495	56027.54	56251.4	-1.40	56026.14	56060.69531	56042.20912	56046.61719	505027.5	5408701.5
L5030.0	505027.5	5408701.5	4623.29981	267.92	66.12	48.831270	-86.931495	56025.23	56251.4	-1.40	56023.84	56058.66406	56041.07609	56045.42969	505027.5	5408701.5
L5030.0	505027.5	5408703.4	4623.39990	268.47	72.88	48.831287	-86.931495	56022.96	56251.4	-1.39	56021.57	56056.65625	56039.92738	56044.22266	505027.5	5408703.4
L5030.0	505027.5	5408704.7	4623.50000	269.20	72.88	48.831300	-86.931495	56020.58	56251.4	-1.39	56019.19	56054.53516	56038.76015	56042.99609	505027.5	5408704.7
L5030.0	505027.6	5408706.1	4623.60010	269.68	73.63	48.831312	-86.931495	56018.23	56251.4	-1.38	56016.85	56052.44531	56037.57310	56041.75391	505027.6	5408706.1
L5030.0	505027.6	5408706.1	4623.70020	269.30	72.01	48.831312	-86.931495	56015.75	56251.4	-1.38	56014.38	56050.22266	56036.36640	56040.48828	505027.6	5408706.1
L5030.0	505027.6	5408708.0	4623.79981	270.61	72.01	48.831329	-86.931494	56013.27	56251.4	-1.37	56011.90	56047.98047	56035.14559	56039.20703	505027.6	5408708.0
L5030.0	505027.6	5408709.4	4623.89990	270.80	73.77	48.831342	-86.931494	56010.74	56251.4	-1.36	56009.37	56045.68359	56033.91735	56037.92188	505027.6	5408709.4
L5030.0	505027.6	5408710.8	4624.00000	271.59	73.77	48.831354	-86.931494	56008.14	56251.4	-1.36	56006.78	56043.32031	56032.69046	56036.63281	505027.6	5408710.8
L5030.0	505027.6	5408710.8	4624.10010	272.36	73.44	48.831354	-86.931494	56005.58	56251.4	-1.36	56004.22	56040.97656	56031.47794	56035.36328	505027.6	5408710.8
L5030.0	505027.6	5408712.4	4624.20020	270.30	73.44	48.831369	-86.931493	56002.88	56251.4	-1.36	56001.52	56038.48828	56030.28633	56034.10938	505027.6	5408712.4
L5030.0	505027.7	5408713.8	4624.29981	271.07	73.07	48.831381	-86.931493	56000.20	56251.4	-1.36	55998.84	56036.01172	56029.13311	56032.89844	505027.7	5408713.8
L5030.0	505027.7	5408713.8	4624.39990	271.22	60.3	48.831381	-86.931493	55997.52	56251.4	-1.36	55996.16	56033.53125	56028.02830	56031.73047	505027.7	5408713.8
L5030.0	505027.7	5408715.4	4624.50000	263.22	60.3	48.831396	-86.931493	55994.75	56251.4	-1.35	55993.40	56030.96094	56026.97992	56030.62109	505027.7	5408715.4
L5030.0	505027.7	5408716.6	4624.60010	263.72	61.01	48.831406	-86.931493	55991.95	56251.4	-1.35	55990.59	56028.33203	56026.00001	56029.58203	505027.7	5408716.6
L5030.0	505027.7	5408718.4	4624.70020	274.80	61.01	48.831423	-86.931492	55989.21	56251.4	-1.35	55987.86	56025.77344	56025.10228	56028.62109	505027.7	5408718.4
L5030.0	505027.7	5408718.4	4624.79981	275.73	71.87	48.831423	-86.931492	55986.36	56251.4	-1.35	55985.01	56023.08984	56024.28890	56027.74609	505027.7	5408718.4
L5030.0	505027.7	5408720.3	4624.89990	273.08	71.08	48.831440	-86.931492	55983.57	56251.4	-1.35	55982.22	56020.45703	56023.57267	56026.96875	505027.7	5408720.3
L5030.0	505027.7	5408721.5	4625.00000	271.07	71.08	48.831451	-86.931492	55980.67	56251.3	-1.35	55979.32	56017.70313	56022.95878	56026.29297	505027.7	5408721.5
L5030.0	505027.8	5408722.9	4625.10010	272.26	65.7	48.831463	-86.931492	55977.84	56251.3	-1.35	55976.49	56015.01172	56022.45624	56025.72656	505027.8	5408722.9
L5030.0	505027.8	5408722.9	4625.20020	271.60	66.2	48.831463	-86.931492	55974.95	56251.3	-1.35	55973.60	56012.25391	56022.06626	56025.27344	505027.8	5408722.9
L5030.0	505027.8	5408724.3	4625.29981	272.20	63.27	48.831476	-86.931491	55972.04	56251.3	-1.34	55970.70	56009.47656	56021.78918	56024.93359	505027.8	5408724.3
L5030.0	505027.8	5408725.5	4625.39990	272.30	63.27	48.831487	-86.931491	55969.21	56251.3	-1.34	55967.87	56006.76172	56021.61922	56024.70313	505027.8	5408725.5
L5030.0	505027.8	5408727.2	4625.50000	272.13	63.27	48.831502	-86.931491	55966.32	56251.3	-1.34	55964.98	56003.97266	56021.55989	56024.57813	505027.8	5408727.2
L5030.0	505027.8	5408729.0	4625.60010	263.68	52.01	48.831518	-86.931491	55963.46	56251.3	-1.34	55962.12	56001.20703	56021.60314	56024.55859	505027.8	5408729.0
L5030.0	505027.8	5408729.0	4625.70020	262.38	53.6	48.831518	-86.931491	55960.61	56251.3	-1.34	55959.27	55998.44531	56021.74428	56024.63672	505027.8	5408729.0
L5030.0	505027.8	5408730.4	4625.79981	259.15	53.6	48.831531	-86.931490	55957.92	56251.3	-1.33	55956.59	55995.83984	56016.29027	56019.11719	505027.8	5408730.4
L5030.0	505027.9	5408731.9	4625.89990	259.11	53.44	48.831544	-86.931490	55955.07	56251.3	-1.33	55953.73	55993.04688	56016.12891	56018.89453	505027.9	5408731.9
L5030.0	505027.9	5408733.5	4626.00000	261.80	52.71	48.831559	-86.931490	55952.39	56251.3	-1.33	55951.06	55990.43359	56016.05627	56018.75781	505027.9	5408733.5
L5030.0	505027.9	5408733.5	4626.10010	259.86	52.71	48.831559	-86.931490	55949.78	56251.3	-1.33	55948.45	55987.87109	56016.04092	56018.67578	505027.9	5408733.5
L5030.0	505027.9	5408734.9	4626.20020	262.78	55.85	48.831572	-86.931490	55947.18	56251.3	-1.32	55945.85	55985.30859	56016.06777	56018.64063	505027.9	5408734.9
L5030.0	505027.9	5408736.6	4626.29981	264.81	55.85	48.831586	-86.931489	55944.72	56251.3	-1.32	55943.40	55982.88672	56016.14747	56018.65625	505027.9	5408736.6
L5030.0	505027.9	5408736.6	4626.39990	264.84	59.8	48.831586	-86.931489	55942.39	56251.3	-1.31	55941.08	55980.58203	56016.26211	56018.70703	505027.9	5408736.6
L5030.0	505027.9	5408737.8	4626.50000	264.74	59.8	48.831597	-86.931489	55940.14	56251.3	-1.31	55938.83	55978.33984	56016.37310	56018.75391	505027.9	5408737.8
L5030.0	505027.9	5408738.9	4626.60010	262.30	62.52	48.831607	-86.931489	55937.94	56251.3	-1.31	55936.63	55976.13672	56016.46174	56018.77734	505027.9	5408738.9
L5030.0	505027.9	5408740.6	4626.70020	265.23	61.68	48.831622	-86.931489	55935.89	56251.3	-1.30	55934.59	55974.08594	56016.51902	56018.76953	505027.9	5408740.6
L5030.0	505027.9	5408742.0	4626.79981	262.96	61.68	48.831635	-86.931489	55933.82	56251.3	-1.30	55932.52	55971.99219	56016.49940	56018.68750	505027.9	5408742.0
L5030.0	505027.9	5408743.4	4626.89990	265.73	59.04	48.831648	-86.931489	55931.92	56251.3	-1.29	55930.63	55970.07031	56016.40443	56018.52734	505027.9	5408743.4
L5030.0	505027.9	5408744.7	4627.00000	264.34	59.5	48.831660	-86.931489	55930.10	56251.3	-1.29	55928.81	55968.20703	56016.19983	56018.25781	505027.9	5408744.7
L5030.0	505027.9	5408744.7	4627.10010	266.09	59.5	48.831660	-86.931489	55928.51	56251.3	-1.29	55927.22	55966.56250	56015.89537	56017.89063	505027.9	5408744.7
L5030.0	505027.9	5408746.4	4627.20020	265.85	59.83	48.831674	-86.931489	55926.96	56251.3	-1.29	55925.67	55964.94922	56015.47128	56017.40234	505027.9	5408746.4
L5030.0	505027.9	5408748.2	4627.29981	263.98	59.83	48.831691	-86.931489	55925.65	56251.3	-1.29	55924.36	55963.56641	56014.94945	56016.81641	505027.9	5408748.2
L5030.0	505027.9	5408748.2	4627.39990	263.04	51.4	48.831691	-86.931489	55924.43	56251.3	-1.29	55923.15	55962.26953	56014.31957	56016.12500	505027.9	5408748.2
L5030.0	505027.9	5408749.6	4627.50000	261.28	51.4	48.831703	-86.931489	55923.40	56251.3	-1.29	55922.11	55961.13672	56013.60989	56015.35156	505027.9	5408749.6
L5030.0	505027.9	5408751.5	4627.60010	261.14	58.82	48.831720	-86.931489	55922.51	56251.3	-1.28	55921.23	55960.15234	56012.84610	56014.52344	505027.9	5408751.5
L5030.0	505027.9	5408752.8	4627.70020	262.33	58.82	48.831733	-86.931489	55921.88	56251.3	-1.28	55920.60	55959.40625	56012.06608	56013.67969	505027.9	5408752.8
L5030.0	505027.9	5408752.8	4627.79981	259.12	57.79	48.831733	-86.931489	55921.30	56251.3	-1.28	55920.01	55958.69141	56011.26726	56012.82031	505027.9	5408752.8
L5030.0	505027.9	5408754.6	4627.89990	262.63	57.79	48.831749	-86.931490	55920.99	56251.3	-1.28	55919.71	55958.25781	56010.51238	56012.00391	505027.9	5408754.6
L5030.0	505027.9	5408754.6	4628.00000	260.93	58.26	48.831749	-86.931490	55920.79	56251.3	-1.28	55919.51	55957.91406	56009.80298	56011.23047	505027.9	5408754.6
L5030.0	505027.9	5408756.1	4628.10010	260.15	57.84	48.831762	-86.931490	55920.84	56251.3	-1.27	55919.57	55957.81641	56009.18712	56010.55469	505027.9	5408756.1
L5030.0	505027.8	5408758.6	4628.20020	259.70	57.84	48.831784	-86.931490	55921.00	56251.3	-1.26	55919.73	55957.81250	56008.65611	56009.96094	505027.8	5408758.6
L5030.0	505027.8	5408758.6	4628.29981	260.55	56.47	48.831784	-86.931490	55921.50	56251.3	-1.26	55920.24	55958.14844	56008.26568	56009.50781	505027.8	5408758.6

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5030.0	505027.8	5408760.2	4628.39990	272.23	56.47	48.831799	-86.931490	55922.14	56251.2	-1.25	55920.89	55958.61328	56007.99459	56009.17969	505027.8	5408760.2
L5030.0	505027.8	5408760.2	4628.50000	271.87	55	48.831799	-86.931490	55923.02	56251.2	-1.24	55921.78	55959.30859	56007.87906	56009.00391	505027.8	5408760.2
L5030.0	505027.8	5408761.8	4628.60010	271.68	55	48.831814	-86.931490	55924.03	56251.2	-1.23	55922.80	55960.12500	56007.91199	56008.97656	505027.8	5408761.8
L5030.0	505027.8	5408763.5	4628.70020	268.62	54.18	48.831828	-86.931490	55925.20	56251.2	-1.22	55923.97	55961.07813	56008.11261	56009.11719	505027.8	5408763.5
L5030.0	505027.8	5408764.8	4628.79981	270.76	51.47	48.831840	-86.931490	55926.51	56251.2	-1.22	55925.29	55962.17578	56008.48056	56009.42578	505027.8	5408764.8
L5030.0	505027.8	5408766.2	4628.89990	272.41	51.47	48.831853	-86.931490	55928.08	56251.2	-1.21	55926.87	55963.52344	56009.03031	56009.91797	505027.8	5408766.2
L5030.0	505027.8	5408766.2	4629.00000	272.34	49.48	48.831853	-86.931490	55929.77	56251.2	-1.20	55928.57	55964.98047	56009.71336	56010.54297	505027.8	5408766.2
L5030.0	505027.8	5408767.9	4629.10010	262.88	49.48	48.831868	-86.931490	55931.64	56251.2	-1.19	55930.45	55966.60938	56010.53656	56011.30859	505027.8	5408767.9
L5030.0	505027.8	5408767.9	4629.20020	261.51	52.51	48.831868	-86.931490	55933.62	56251.2	-1.19	55932.43	55968.32813	56011.47914	56012.19531	505027.8	5408767.9
L5030.0	505027.8	5408769.7	4629.29981	270.12	52.51	48.831885	-86.931490	55935.97	56251.2	-1.18	55934.79	55970.42188	56012.58273	56013.24219	505027.8	5408769.7
L5030.0	505027.8	5408771.3	4629.39990	267.53	53.31	48.831899	-86.931490	55938.30	56251.2	-1.18	55937.12	55972.47266	56013.74857	56014.35156	505027.8	5408771.3
L5030.0	505027.8	5408773.0	4629.50000	266.97	53.31	48.831914	-86.931491	55940.90	56251.2	-1.17	55939.73	55974.79688	56015.00900	56015.55859	505027.8	5408773.0
L5030.0	505027.8	5408774.1	4629.60010	267.75	42.47	48.831924	-86.931491	55943.61	56251.2	-1.16	55942.45	55977.21875	56016.32420	56016.81641	505027.8	5408774.1
L5030.0	505027.8	5408774.1	4629.70020	260.14	42.47	48.831924	-86.931491	55946.44	56251.2	-1.16	55945.28	55979.74609	56017.66596	56018.10547	505027.8	5408774.1
L5030.0	505027.8	5408775.6	4629.79981	258.82	48.18	48.831937	-86.931491	55949.40	56251.2	-1.15	55948.25	55982.40234	56019.01586	56019.40234	505027.8	5408775.6
L5030.0	505027.8	5408777.2	4629.89990	256.67	48.18	48.831952	-86.931491	55952.39	56251.1	-1.15	55951.24	55985.07422	56020.33262	56020.66797	505027.8	5408777.2
L5030.0	505027.8	5408778.4	4630.00000	258.62	45.86	48.831963	-86.931491	55955.50	56251.1	-1.14	55954.36	55987.86719	56021.61738	56021.90234	505027.8	5408778.4
L5030.0	505027.8	5408778.4	4630.10010	261.88	41.49	48.831963	-86.931491	55958.61	56251.1	-1.14	55957.47	55990.64063	56022.84121	56023.07422	505027.8	5408778.4
L5030.0	505027.7	5408780.0	4630.20020	263.72	37.12	48.831977	-86.931491	55961.88	56251.1	-1.13	55960.74	55993.56641	56024.03696	56024.21875	505027.7	5408780.0
L5030.0	505027.7	5408781.7	4630.29981	265.79	37.12	48.831992	-86.931491	55965.08	56251.1	-1.13	55963.95	55996.42578	56025.17118	56025.30469	505027.7	5408781.7
L5030.0	505027.7	5408783.1	4630.39990	263.96	47.16	48.832005	-86.931491	55968.45	56251.1	-1.13	55967.32	55999.43750	56026.29509	56026.38281	505027.7	5408783.1
L5030.0	505027.7	5408784.2	4630.50000	267.11	47.16	48.832015	-86.931491	55971.86	56251.1	-1.13	55970.74	56002.49219	56027.40931	56027.44922	505027.7	5408784.2
L5030.0	505027.7	5408784.2	4630.60010	265.59	51.23	48.832015	-86.931491	55975.28	56251.1	-1.12	55974.15	56005.53125	56028.52465	56028.51563	505027.7	5408784.2
L5030.0	505027.7	5408785.8	4630.79981	266.77	50.03	48.832029	-86.931491	55978.84	56251.1	-1.12	55977.73	56008.73047	56029.69581	56029.64063	505027.7	5408785.8
L5030.0	505027.7	5408787.0	4630.79981	268.99	50.03	48.832040	-86.931491	55982.23	56251.1	-1.12	55981.12	56011.73828	56034.94461	56034.84766	505027.7	5408787.0
L5030.0	505027.7	5408787.0	4630.89990	271.20	49.42	48.832040	-86.931491	55985.85	56251.1	-1.11	55984.74	56014.96484	56035.78151	56035.64063	505027.7	5408787.0
L5030.0	505027.7	5408790.0	4631.00000	273.66	49.42	48.832067	-86.931491	55989.27	56251.1	-1.11	55988.16	56017.98828	56036.71729	56036.53125	505027.7	5408790.0
L5030.0	505027.7	5408790.0	4631.10010	272.17	48.77	48.832067	-86.931491	55992.76	56251.1	-1.10	55991.65	56021.07422	56037.73254	56037.50391	505027.7	5408790.0
L5030.0	505027.7	5408791.6	4631.20020	269.37	46.15	48.832082	-86.931491	55996.17	56251.1	-1.10	55995.08	56024.09375	56038.83889	56038.57031	505027.7	5408791.6
L5030.0	505027.7	5408793.0	4631.29981	269.68	46.15	48.832094	-86.931492	55999.69	56251.1	-1.09	55998.60	56027.19922	56040.02376	56039.71484	505027.7	5408793.0
L5030.0	505027.7	5408794.6	4631.39990	269.22	46.12	48.832109	-86.931492	56003.03	56251.1	-1.08	56001.95	56030.12891	56041.30361	56040.95703	505027.7	5408794.6
L5030.0	505027.7	5408794.6	4631.50000	269.74	47.76	48.832109	-86.931492	56006.42	56251.1	-1.07	56005.34	56033.09375	56042.65833	56042.27344	505027.7	5408794.6
L5030.0	505027.7	5408796.7	4631.60010	267.05	47.76	48.832128	-86.931492	56009.78	56251.1	-1.07	56008.71	56036.03516	56044.08622	56043.66406	505027.7	5408796.7
L5030.0	505027.7	5408796.7	4631.70020	266.72	42.82	48.832128	-86.931492	56013.17	56251.1	-1.06	56012.11	56039.00000	56045.57632	56045.11719	505027.7	5408796.7
L5030.0	505027.7	5408798.1	4631.79981	265.95	42.82	48.832140	-86.931492	56016.48	56251.1	-1.05	56015.43	56041.87891	56046.42442	56045.92969	505027.7	5408798.1
L5030.0	505027.7	5408799.7	4631.89990	265.51	47.25	48.832154	-86.931492	56019.67	56251	-1.05	56018.62	56044.62891	56048.26732	56047.73828	505027.7	5408799.7
L5030.0	505027.7	5408801.4	4632.00000	267.72	50.52	48.832169	-86.931492	56022.91	56251	-1.04	56021.87	56047.42969	56050.14226	56049.58203	505027.7	5408801.4
L5030.0	505027.7	5408801.4	4632.10010	268.81	50.52	48.832169	-86.931492	56025.99	56251	-1.04	56024.96	56050.07031	56051.99775	56051.40234	505027.7	5408801.4
L5030.0	505027.6	5408802.8	4632.20020	269.66	46.82	48.832182	-86.931492	56029.13	56251	-1.03	56028.10	56052.75391	56053.85803	56053.23438	505027.6	5408802.8
L5030.0	505027.6	5408804.1	4632.29981	268.33	43.14	48.832194	-86.931492	56032.11	56251	-1.03	56031.09	56055.28516	56055.67225	56055.01563	505027.6	5408804.1
L5030.0	505027.6	5408805.8	4632.39990	269.07	43.14	48.832209	-86.931492	56035.07	56251	-1.02	56034.05	56057.78516	56057.44584	56056.76172	505027.6	5408805.8
L5030.0	505027.6	5408805.8	4632.50000	267.62	47.4	48.832209	-86.931492	56038.09	56251	-1.01	56037.07	56060.34375	56059.17966	56058.46875	505027.6	5408805.8
L5030.0	505027.6	5408807.2	4632.60010	265.44	43.51	48.832222	-86.931492	56040.89	56251	-1.01	56039.88	56062.68359	56060.83807	56060.09766	505027.6	5408807.2
L5030.0	505027.6	5408808.6	4632.70020	263.80	43.51	48.832234	-86.931492	56043.75	56251	-1.00	56042.75	56065.08594	56062.44646	56061.67969	505027.6	5408808.6
L5030.0	505027.6	5408809.8	4632.79981	262.28	36.69	48.832245	-86.931492	56046.43	56251	-1.00	56045.43	56067.29688	56063.98202	56063.19141	505027.6	5408809.8
L5030.0	505027.6	5408811.0	4632.89990	261.94	36.69	48.832255	-86.931492	56049.16	56251	-0.99	56048.17	56069.56250	56065.46688	56064.65234	505027.6	5408811.0
L5030.0	505027.6	5408811.0	4633.00000	261.51	36.35	48.832255	-86.931492	56051.84	56251	-0.99	56050.85	56071.76563	56066.89438	56066.05859	505027.6	5408811.0
L5030.0	505027.6	5408813.1	4633.10010	259.30	47.79	48.832275	-86.931492	56054.40	56251	-0.98	56053.41	56073.85156	56068.26609	56067.41016	505027.6	5408813.1
L5030.0	505027.7	5408814.7	4633.20020	259.36	47.79	48.832289	-86.931492	56056.98	56251	-0.98	56056.00	56075.96094	56069.59502	56068.71484	505027.7	5408814.7
L5030.0	505027.7	5408814.7	4633.29981	257.82	35.79	48.832289	-86.931492	56059.46	56251	-0.97	56058.49	56077.97266	56070.88204	56069.98438	505027.7	5408814.7
L5030.0	505027.7	5408816.1	4633.39990	257.25	35.79	48.832302	-86.931492	56061.86	56251	-0.97	56060.89	56079.89453	56072.13494	56071.21875	505027.7	5408816.1
L5030.0	505027.7	5408817.8	4633.50000	258.24	41.94	48.832317	-86.931492	56064.22	56251	-0.96	56063.26	56081.78516	56073.36266	56072.42969	505027.7	5408817.8
L5030.0	505027.7	5408819.2	4633.60010	256.99	41.94	48.832330	-86.931492	56066.48	56251	-0.95	56065.53	56083.57422	56074.56954	56073.62109	505027.7	5408819.2
L5030.0	505027.7	5408821.1	4633.70020	255.00	39.14	48.832347	-86.931491	56068.77	56250.9	-0.95	56067.82	56085.38281	56075.76613	56074.80078	505027.7	5408821.1
L5030.0	505027.7	5408821.1	4633.79981	254.62	39.14	48.832347	-86.931491	56071.02	56250.9	-0.94	56070.08	56087.16016	56076.95643	56075.97656	505027.7	5408821.1
L5030.0	505027.7	5408822.5	4633.89990	263.38	48.56	48.832360	-86.931491	56073.24	56250.9	-0.94	56072.31	56088.91016	56078.14522	56077.15234	505027.7	5408822.5
L5030.0	505027.7	5408823.9	4634.00000	263.82	48.56	48.832372	-86.931492	56075.46	56250.9	-0.93	56074.53	56090.64844	56079.33771	56078.33203	505027.7	5408823.9
L5030.0	505027.7	5408825.5	4634.10010	263.80	49.71	48.832386	-86.931492	56077.49	56250.9	-0.93	56076.57	56092.21094	56080.52686	56079.51172	505027.7	5408825.5
L5030.0	505027.7	5408826.9	4634.20020	265.03	49.71	48.832399	-86.931492	56079.57	56250.9	-0.92	56078.65	56093.80859	56081.72774	56080.70313	505027.7	5408826.9
L5030.0	505027.7	5408826.9	4634.29981	264.54	46.57	48.832399	-86.931492	56081.62	56250.9	-0.92	56080.70	56095.38281	56082.93752	56081.90234	505027.7	5408826.9
L5030.0	505027.7	5408828.1	4634.39990	264.89	46.57	48.832410	-86.931492	56083.62	56250.9	-0.91	56082.71	56096.91406	56084.15568	56083.11328	505027.7	5408828.1
L5030.0	505027.6	5408830.0	4634.50000	266.17	49.36	48.832426	-86.931492	56085.54	56250.9	-0.91	56084.63	56098.35938	56085.37637	56084.32813	505027.6	5408830.0
L5030.0	505027.6	5408831.3	4634.60010	265.97	49.36	48.832439	-86.931492	56087.41	56250.9	-0.91	56086.50	56099.75391	56086.60124	56085.54688	505027.6	5408831.3
L5030.0	505027.6	5408831.3	4634.70020	267.30	42.83	48.832439	-86.931492	56089.38	56250.9	-0.90	56088.48	56101.26172	56087.84698	56086.78516	505027.6	5408831.3
L5030.0	505027.6	5408832.7	4634.79981	268.07	41.26	48.832451	-86.931492	56091.20	56250.9	-0.90	56090.31	56102.62109	56089.08148	56088.01563	505027.6	5408832.7
L5030.0	505027.6	5408834.1	4634.89990	269.28	41.26	48.832463	-86.931492	56093.00	56250.9	-0.89	56092.10	56103.94531	56090.31377	56089.24609	505027.6	5408834.1
L5030.0	505027.6	5408834.1	4635.00000	269.66	49.36	48.832463	-86.931492	56094.80	56250.9	-0.89	56093.91	56105.28906	56091.54887	56090.48047	505027.6	5408834.1
L5030.0	505027.6	5408835.9	4635.10010	267.38	49.36	48.832480	-86.931492	56096.62	56250.9	-0.88	56095.73	56106.64453	56092.78289	56091.71094	505027.6	5408835.9
L5030.0	505027.6	5408837.6	4635.20020	263.36	49.17	48.832495	-86.931492	56098.34	56250.9	-0.88	56097.46	56107.91406	56093.99877	56092.92969	505027.6	5408837.6
L5030.0	505027.6	5408839.0	4635.29981	266.60	49.17	48.832507	-86.931492	56100.06	56250.9	-0.87	56099.19	56109.18750	56095.20778	56094.13672	505027.6	5408839.0
L5030.0	505027.6	5408839.0	4635.39990	266.63	50.9	48.832507	-86.931492	56101.75	56250.9	-0.86	56100.88	56110.42188	56096.40334	56095.33594	505027.6	5408839.0
L5030.0	505027.6	5408840.8	4635.50000	266.32	38.97	48.832524	-86.931492	56103.42	56250.9	-0.85	56102.57	56111.66016	56097.59096	56096.52344	505027.6	5408840.8
L5030.0	505027.6	5408842.2	4635.60010	265.46	38.97	48.832537	-86.931493	56105.13	56250.8	-0.85	56104.28	56112.92188	56098.77379	56097.71094	505027.6	5408842.2
L5030.0	505027.6	5408843.6	4635.70020	258.90	43.56	48.832549	-86.931493	56106.70	56250.8	-0.84	56105.86	56114.05469	56099.93075	56098.87109	505027.6	5408843.6
L5030.0	505027.6	5408843.6	4635.79981	258.27	43.56	48.832549	-86.931493	56108.28	56250.8	-0.83	56107.44	56115.19531	56101.08194	56100.02734	505027.6	5408843.6
L5030.0	505027.5	5408845.2	4635.89990	264.78	51.65	48.832564	-86.931493	56109.85	56250.8	-0.83	56109.02	56116.33594	56102.22858	56101.17969	505027.5	5408845.2
L5030.0	505027.5	5408847.1	4636.00000	261.08	51.65	48.832581	-86.931493	56111.41	56250.8	-0.82	56110.59	56117.47266	56103.37107	56102.32813	505027.5	5408847.1
L5030.0	505027.5	5408847.1	4636.10010	261.38	49.15	48.832581	-86.931493	56113.00	56250.8	-0.81	56112.19	56118.64453	56104.51668	56103.48047	505027.5	5408847.1
L5030.0	505027.5	5408848.8	4636.20020	265.85	49.15	48.832596	-86.931493	56114.53	56250.8	-0.81	56113.72	56119.75000	56105.65211	56104.62500	505027.5	5408848.8
L5030.0	505027.5	5408850.1	4636.29981	264.57	52.66	48.832608	-86.931493	56115.97	56250.8	-0.80	56115.17	56120.77734	56106.77661	56105.75781	505027.5	5408850.1
L5030.0	505027.5	5408851.6	4636.39990	266.45	51.55	48.832621	-86.931494	56117.41	56250.8	-0.79	56116.61	56121.80078	56107.90046	56106.89063	505027.5	5408851.6
L5030.0	505027.5	5408851.6	4636.50000	260.40	51.55	48.832621	-86.931494	56118.88	56250.8	-0.79	56118.09	56122.86719	56109.03164	56108.03125	505027.5	5408851.6
L5030.0	505027.5	5408853.1	4636.60010	260.95	53.89	48.832635	-86.931494	56120.32	56250.8	-0.78	56119.54	56123.91016	56110.15914	56109.17188	505027.5	5408853.1
L5030.0	505027.5	5408854.2	4636.70020	272.44	53.89	48.832645	-86.931494	56121.73	56250.8	-0.77	56120.96	56124.92578	56111.28212	56110.30469	505027.5	5408854.2
L5030.0	505027.5	5408855.9	4636.79981	273.68	44.38	48.832660	-86.931494	56123.10	56250.8	-0.76	56122.34	56125.91016	56112.39895	56111.43359	505027.5	5408855.9
L5030.0	505027.5	5408855.9	4636.89990	273.37	44.3	48.832660	-86.931494	56124.44	56250.8	-0.76	56123.68	56126.85547	56113.50945	56112.55859	505027.5	5408855.9
L5030.0	505027.5	5408857.5	4637.00000	270.48	44.3	48.832674	-86.931494	56125.84	56250.8	-0.75	56125.09	56127.87891	56114.63199	56113.69141	505027.5	5408857.5
L5030.0	505027.5	5408857.5	4637.10010	269.06	51.62	48.832674	-86.931494	56127.17	56250.7	-0.74	56126.42	56128.82422	56115.73937	56114.81250	505027.5	5408857.5
L5030.0	505027.5	5408859.1	4637.20020	265.49	49.32	48.832689	-86.931494	56128.48	56250.7	-0.74	56127.75	56129.77734	56116.84346	56115.93359	505027.5	5408859.1
L5030.0	505027.5	5408861.7	4637.29981	264.84	49.32	48.832712	-86.931494	56129.86	56250.7	-0.73	56129.13	56130.78516	56117.95327	56117.05859	505027.5	5408861.7
L5030.0	505027.5	5408861.7	4637.39990	264.88	46.85	48.832712	-86.931494	56131.17	56250.7	-0.73	56130.44	56131.73047	56119.04633	56118.16797	505027.5	5408861.7
L5030.0	505027.5	5408863.1	4637.50000	269.84	46.85	48.832725	-86.931494	56132.41	56250.7	-0.72	56131.69	56132.61719	56120.12301	56119.25781	505027.5	5408863.1
L5030.0	505027.5	5408864.7	4637.60010	270.44	49.05	48.832739	-86.931493	56133.70	56250.7	-0.71	56132.99	56133.56250	56121.20472	56120.35547	505027.5	5408864.7

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5030.0	505027.5	5408865.8	4637.70020	270.07	47.52	48.832749	-86.931493	56134.89	56250.7	-0.71	56134.18	56134.40234	56120.40554	56119.57422	505027.5	5408865.8
L5030.0	505027.5	5408865.8	4637.79981	269.39	47.52	48.832749	-86.931493	56135.97	56250.7	-0.70	56135.27	56135.14844	56121.49934	56120.68750	505027.5	5408865.8
L5030.0	505027.5	5408867.7	4637.89990	269.46	50.37	48.832766	-86.931493	56137.24	56250.7	-0.70	56136.54	56136.07813	56122.56922	56121.77344	505027.5	5408867.7
L5030.0	505027.6	5408868.9	4638.00000	260.88	50.37	48.832777	-86.931493	56138.33	56250.7	-0.69	56137.64	56136.84375	56123.64438	56122.86719	505027.6	5408868.9
L5030.0	505027.6	5408868.9	4638.10010	261.55	50.67	48.832777	-86.931493	56139.44	56250.7	-0.68	56138.75	56137.62891	56124.71196	56123.95313	505027.6	5408868.9
L5030.0	505027.6	5408870.8	4638.20020	268.95	50.67	48.832794	-86.931492	56140.61	56250.7	-0.68	56139.93	56138.48828	56125.77013	56125.03125	505027.6	5408870.8
L5030.0	505027.6	5408872.2	4638.29981	268.17	46.78	48.832806	-86.931492	56141.76	56250.7	-0.67	56141.09	56139.33203	56126.82559	56126.10547	505027.6	5408872.2
L5030.0	505027.6	5408873.6	4638.39990	262.19	46.78	48.832819	-86.931492	56142.86	56250.7	-0.67	56142.19	56140.12109	56127.88024	56127.17969	505027.6	5408873.6
L5030.0	505027.6	5408875.0	4638.50000	261.52	44.59	48.832831	-86.931492	56143.92	56250.7	-0.66	56143.26	56140.89063	56128.93206	56128.25000	505027.6	5408875.0
L5030.0	505027.6	5408875.0	4638.60010	261.87	44.4	48.832831	-86.931492	56144.98	56250.7	-0.65	56144.32	56141.65234	56129.97961	56129.31641	505027.6	5408875.0
L5030.0	505027.6	5408877.1	4638.70020	261.00	44.4	48.832850	-86.931491	56146.02	56250.6	-0.65	56145.37	56142.41016	56131.02258	56130.38281	505027.6	5408877.1
L5030.0	505027.6	5408878.5	4638.79981	270.56	43.71	48.832863	-86.931491	56147.13	56250.6	-0.64	56146.48	56143.23828	56132.05880	56131.43750	505027.6	5408878.5
L5030.0	505027.6	5408880.1	4638.89990	270.00	43.71	48.832878	-86.931491	56148.13	56250.6	-0.64	56147.49	56143.96875	56133.09081	56132.49219	505027.6	5408880.1
L5030.0	505027.6	5408880.1	4639.00000	270.28	43.4	48.832878	-86.931491	56149.17	56250.6	-0.63	56148.54	56144.74609	56134.11615	56133.53906	505027.6	5408880.1
L5030.0	505027.6	5408881.8	4639.10010	270.84	43.4	48.832893	-86.931491	56150.09	56250.6	-0.62	56149.48	56145.41797	56135.13398	56134.57813	505027.6	5408881.8
L5030.0	505027.6	5408883.2	4639.20020	271.50	46.05	48.832905	-86.931491	56151.07	56250.6	-0.61	56150.47	56146.14844	56136.14243	56135.60547	505027.6	5408883.2
L5030.0	505027.6	5408883.2	4639.29981	272.09	46.74	48.832905	-86.931491	56151.96	56250.6	-0.59	56151.37	56146.79297	56137.13885	56136.62500	505027.6	5408883.2
L5030.0	505027.6	5408884.3	4639.39990	272.37	46.74	48.832915	-86.931491	56152.87	56250.6	-0.58	56152.28	56147.45703	56138.12165	56137.62891	505027.6	5408884.3
L5030.0	505027.6	5408886.2	4639.50000	270.73	44.28	48.832932	-86.931491	56153.86	56250.6	-0.57	56153.29	56148.22266	56139.09197	56138.62109	505027.6	5408886.2
L5030.0	505027.6	5408887.6	4639.60010	272.68	44.28	48.832945	-86.931491	56154.74	56250.6	-0.56	56154.18	56148.87891	56140.04179	56139.59375	505027.6	5408887.6
L5030.0	505027.6	5408887.6	4639.70020	272.11	45.04	48.832945	-86.931491	56155.64	56250.5	-0.55	56155.09	56149.55859	56140.97306	56140.54688	505027.6	5408887.6
L5030.0	505027.6	5408888.8	4639.79981	271.99	45.04	48.832955	-86.931491	56156.56	56250.5	-0.53	56156.03	56150.27344	56141.88655	56141.48047	505027.6	5408888.8
L5030.0	505027.6	5408890.4	4639.89990	272.94	43.99	48.832970	-86.931491	56157.45	56250.5	-0.52	56156.93	56150.95703	56142.77918	56142.39453	505027.6	5408890.4
L5030.0	505027.6	5408892.1	4640.00000	271.56	44.19	48.832985	-86.931492	56158.44	56250.5	-0.51	56157.93	56151.74609	56143.65639	56143.29688	505027.6	5408892.1
L5030.0	505027.6	5408893.2	4640.10010	273.03	44.19	48.832996	-86.931492	56159.27	56250.5	-0.51	56158.76	56152.37109	56144.50568	56144.16797	505027.6	5408893.2
L5030.0	505027.6	5408893.2	4640.20020	272.35	46.3	48.832996	-86.931492	56160.14	56250.5	-0.50	56159.63	56153.04297	56145.33624	56145.01953	505027.6	5408893.2
L5030.0	505027.6	5408894.7	4640.29981	272.35	45.78	48.833008	-86.931492	56161.02	56250.5	-0.50	56160.52	56153.73828	56146.14887	56145.85547	505027.6	5408894.7
L5030.0	505027.6	5408896.1	4640.39990	270.11	45.78	48.833021	-86.931492	56161.85	56250.5	-0.50	56161.35	56154.38281	56146.94027	56146.66797	505027.6	5408896.1
L5030.0	505027.6	5408898.0	4640.50000	270.36	44.97	48.833038	-86.931492	56162.71	56250.5	-0.50	56162.22	56155.07422	56147.71362	56147.46484	505027.6	5408898.0
L5030.0	505027.6	5408898.0	4640.60010	269.92	41.95	48.833038	-86.931492	56163.65	56250.5	-0.49	56163.16	56155.83594	56148.46977	56148.24219	505027.6	5408898.0
L5030.0	505027.5	5408899.6	4640.70020	271.31	41.95	48.833053	-86.931492	56164.58	56250.5	-0.49	56164.09	56156.59766	56149.20479	56149.00000	505027.5	5408899.6
L5030.0	505027.5	5408900.8	4640.79981	269.07	41.95	48.833064	-86.931492	56165.42	56250.5	-0.49	56164.93	56157.27344	56149.91430	56149.73047	505027.5	5408900.8
L5030.0	505027.5	5408902.2	4640.89990	270.09	44.06	48.833076	-86.931493	56166.28	56250.5	-0.48	56165.79	56157.97656	56150.60637	56150.44531	505027.5	5408902.2
L5030.0	505027.5	5408902.2	4641.00000	271.84	46.29	48.833076	-86.931493	56167.17	56250.5	-0.48	56166.69	56158.72656	56151.28541	56151.14844	505027.5	5408902.2
L5030.0	505027.5	5408903.8	4641.10010	271.16	46.29	48.833091	-86.931493	56168.05	56250.5	-0.47	56167.57	56159.46094	56151.95484	56151.83984	505027.5	5408903.8
L5030.0	505027.5	5408905.7	4641.20020	271.66	45.37	48.833108	-86.931493	56168.91	56250.5	-0.47	56168.44	56160.19141	56152.61933	56152.52344	505027.5	5408905.7
L5030.0	505027.5	5408905.7	4641.29981	262.69	45.07	48.833108	-86.931493	56169.79	56250.5	-0.46	56169.33	56160.94531	56153.28036	56153.20703	505027.5	5408905.7
L5030.0	505027.5	5408908.5	4641.39990	262.27	45.07	48.833133	-86.931493	56170.69	56250.5	-0.45	56170.24	56161.72656	56153.93780	56153.88672	505027.5	5408908.5
L5030.0	505027.5	5408908.5	4641.50000	270.39	49.53	48.833133	-86.931493	56171.54	56250.4	-0.45	56171.09	56162.45313	56154.59397	56154.56250	505027.5	5408908.5
L5030.0	505027.5	5408909.9	4641.60010	270.03	49.37	48.833145	-86.931494	56172.42	56250.4	-0.44	56171.98	56163.22656	56155.24771	56155.23828	505027.5	5408909.9
L5030.0	505027.5	5408909.9	4641.70020	269.49	49.37	48.833145	-86.931494	56173.29	56250.4	-0.43	56172.86	56163.99609	56155.90080	56155.91406	505027.5	5408909.9
L5030.0	505027.4	5408911.5	4641.79981	269.42	51.66	48.833160	-86.931494	56174.17	56250.4	-0.42	56173.74	56164.76953	56156.55356	56156.58594	505027.4	5408911.5
L5030.0	505027.4	5408912.8	4641.89990	269.26	51.66	48.833172	-86.931494	56175.05	56250.4	-0.42	56174.63	56165.55859	56157.20634	56157.26172	505027.4	5408912.8
L5030.0	505027.4	5408914.3	4642.00000	267.08	51.66	48.833185	-86.931494	56175.92	56250.4	-0.41	56175.51	56166.33984	56157.86051	56157.93750	505027.4	5408914.3
L5030.0	505027.4	5408915.5	4642.10010	267.95	51.67	48.833196	-86.931494	56176.82	56250.4	-0.40	56176.42	56167.16016	56158.51598	56158.61328	505027.4	5408915.5
L5030.0	505027.4	5408916.8	4642.20020	270.24	51.67	48.833208	-86.931494	56177.71	56250.4	-0.40	56177.32	56167.97266	56159.17742	56159.29297	505027.4	5408916.8
L5030.0	505027.4	5408916.8	4642.29981	268.53	51.08	48.833208	-86.931494	56178.62	56250.4	-0.39	56178.23	56168.80469	56159.84613	56159.98438	505027.4	5408916.8
L5030.0	505027.4	5408918.7	4642.39990	261.31	49.41	48.833224	-86.931494	56179.40	56250.4	-0.39	56179.02	56169.51953	56160.53125	56160.68750	505027.4	5408918.7
L5030.0	505027.4	5408920.3	4642.50000	262.33	49.41	48.833239	-86.931494	56180.29	56250.4	-0.38	56179.91	56170.33594	56161.22251	56161.40234	505027.4	5408920.3
L5030.0	505027.4	5408921.7	4642.60010	273.94	48.7	48.833251	-86.931494	56181.23	56250.4	-0.37	56180.86	56171.22266	56161.92381	56162.12109	505027.4	5408921.7
L5030.0	505027.4	5408921.7	4642.70020	270.79	48.7	48.833251	-86.931494	56182.01	56250.4	-0.37	56181.64	56171.94141	56162.64924	56162.86719	505027.4	5408921.7
L5030.0	505027.4	5408923.3	4642.79981	262.67	45.35	48.833266	-86.931494	56182.90	56250.4	-0.36	56182.54	56172.78516	56163.38484	56163.62109	505027.4	5408923.3
L5030.0	505027.4	5408924.4	4642.89990	263.67	43.93	48.833276	-86.931494	56183.81	56250.4	-0.36	56183.46	56173.65234	56164.13751	56164.39453	505027.4	5408924.4
L5030.0	505027.4	5408925.7	4643.00000	271.36	48.97	48.833287	-86.931494	56184.69	56250.3	-0.35	56184.34	56174.48438	56164.91032	56165.18750	505027.4	5408925.7
L5030.0	505027.4	5408927.0	4643.10010	268.18	48.97	48.833300	-86.931494	56185.44	56250.3	-0.34	56185.09	56175.19531	56165.70581	56166.00000	505027.4	5408927.0
L5030.0	505027.4	5408928.7	4643.20020	267.74	48.47	48.833315	-86.931494	56186.33	56250.3	-0.34	56185.99	56176.05469	56166.51500	56166.82813	505027.4	5408928.7
L5030.0	505027.4	5408928.7	4643.29981	269.74	46.43	48.833315	-86.931494	56187.16	56250.3	-0.33	56186.82	56176.85156	56167.34511	56167.67969	505027.4	5408928.7
L5030.0	505027.4	5408930.3	4643.39990	269.50	46.43	48.833329	-86.931494	56187.98	56250.3	-0.33	56187.65	56177.65234	56168.19190	56168.54297	505027.4	5408930.3
L5030.0	505027.4	5408931.8	4643.50000	270.51	48.22	48.833342	-86.931494	56188.79	56250.3	-0.32	56188.47	56178.44922	56169.05121	56169.42188	505027.4	5408931.8
L5030.0	505027.4	5408931.8	4643.60010	271.87	48.22	48.833342	-86.931494	56189.66	56250.3	-0.31	56189.34	56179.30078	56169.91798	56170.30469	505027.4	5408931.8
L5030.0	505027.4	5408933.4	4643.70020	271.08	47.32	48.833357	-86.931494	56190.43	56250.3	-0.31	56190.12	56180.06250	56170.78271	56171.18750	505027.4	5408933.4
L5030.0	505027.4	5408935.0	4643.79981	264.46	47.32	48.833372	-86.931494	56191.22	56250.3	-0.30	56190.92	56180.85156	56171.63715	56172.06250	505027.4	5408935.0
L5030.0	505027.4	5408936.7	4643.89990	266.90	44.46	48.833386	-86.931494	56192.00	56250.3	-0.30	56191.71	56181.63281	56172.47880	56172.92188	505027.4	5408936.7
L5030.0	505027.4	5408938.1	4644.00000	266.53	44.46	48.833399	-86.931494	56192.83	56250.3	-0.29	56192.54	56182.45703	56173.31039	56173.76953	505027.4	5408938.1
L5030.0	505027.4	5408938.1	4644.10010	272.72	50.29	48.833399	-86.931494	56193.58	56250.3	-0.29	56193.29	56183.20703	56174.12465	56174.60156	505027.4	5408938.1
L5030.0	505027.4	5408939.7	4644.20020	272.24	47.86	48.833414	-86.931494	56194.38	56250.3	-0.28	56194.10	56184.01953	56174.93003	56175.42578	505027.4	5408939.7
L5030.0	505027.4	5408941.4	4644.29981	272.30	47.86	48.833429	-86.931494	56195.12	56250.3	-0.28	56194.85	56184.77734	56175.71252	56176.22266	505027.4	5408941.4
L5030.0	505027.4	5408941.4	4644.39990	273.13	48.64	48.833429	-86.931494	56195.94	56250.3	-0.27	56195.67	56185.60938	56176.47801	56177.00781	505027.4	5408941.4
L5030.0	505027.4	5408943.0	4644.50000	275.37	48.64	48.833444	-86.931494	56196.68	56250.3	-0.26	56196.42	56186.37109	56177.20790	56177.75391	505027.4	5408943.0
L5030.0	505027.4	5408943.0	4644.60010	275.93	47.58	48.833444	-86.931494	56197.44	56250.3	-0.26	56197.18	56187.15234	56177.90671	56178.46875	505027.4	5408943.0
L5030.0	505027.4	5408944.7	4644.70020	276.22	46.42	48.833459	-86.931494	56198.13	56250.3	-0.25	56197.87	56187.86328	56178.56298	56179.14063	505027.4	5408944.7
L5030.0	505027.4	5408946.3	4644.79981	272.05	46.42	48.833473	-86.931494	56198.72	56250.3	-0.25	56198.47	56188.48438	56179.17149	56179.76563	505027.4	5408946.3
L5030.0	505027.4	5408947.7	4644.89990	271.86	43.84	48.833486	-86.931494	56199.18	56250.2	-0.24	56198.94	56188.98438	56179.72566	56180.33594	505027.4	5408947.7
L5030.0	505027.4	5408947.7	4645.00000	275.79	43.84	48.833486	-86.931494	56199.63	56250.2	-0.24	56199.39	56189.46484	56180.23787	56180.86328	505027.4	5408947.7
L5030.0	505027.4	5408949.4	4645.10010	277.65	44.24	48.833501	-86.931494	56200.15	56250.2	-0.24	56199.91	56190.01953	56180.72054	56181.36328	505027.4	5408949.4
L5030.0	505027.4	5408951.0	4645.20020	264.89	44.24	48.833515	-86.931494	56200.74	56250.2	-0.23	56200.51	56190.65625	56181.17763	56181.83594	505027.4	5408951.0
L5030.0	505027.4	5408952.8	4645.29981	264.66	41.64	48.833531	-86.931494	56201.32	56250.2	-0.23	56201.09	56191.27734	56181.60048	56182.27734	505027.4	5408952.8
L5030.0	505027.4	5408952.8	4645.39990	276.21	41.64	48.833531	-86.931494	56202.04	56250.2	-0.23	56201.81	56192.03906	56182.00799	56182.69922	505027.4	5408952.8
L5030.0	505027.4	5408954.2	4645.50000	273.28	40.73	48.833544	-86.931494	56202.73	56250.2	-0.22	56202.50	56192.77344	56182.38511	56183.08984	505027.4	5408954.2
L5030.0	505027.4	5408955.9	4645.60010	261.75	42.39	48.833559	-86.931493	56203.34	56250.2	-0.22	56203.12	56193.44141	56182.73379	56183.45703	505027.4	5408955.9
L5030.0	505027.4	5408955.9	4645.70020	262.32	42.39	48.833559	-86.931493	56203.90	56250.2	-0.22	56203.68	56194.05469	56183.06114	56183.79688	505027.4	5408955.9
L5030.0	505027.5	5408957.4	4645.79981	272.30	38.76	48.833573	-86.931493	56204.49	56250.2	-0.22	56204.28	56194.70703	56183.37987	56184.13281	505027.5	5408957.4
L5030.0	505027.5	5408957.4	4645.89990	270.93	38.75	48.833573	-86.931493	56205.02	56250.2	-0.21	56204.80	56195.28516	56183.68661	56184.45313	505027.5	5408957.4
L5030.0	505027.5	5408960.2	4646.00000	268.87	38.75	48.833598	-86.931492	56205.54	56250.2	-0.21	56205.33	56195.87500	56183.99172	56184.77344	505027.5	5408960.2
L5030.0	505027.5	5408960.2	4646.10010	267.76	40.47	48.833598	-86.931492	56206.07	56250.2	-0.21	56205.86	56196.46484	56184.29837	56185.09766	505027.5	5408960.2
L5030.0	505027.6	5408961.5	4646.20020	270.43	40.47	48.833610	-86.931491	56206.59	56250.2	-0.20	56206.39	56197.05859	56184.61008	56185.42188	505027.6	5408961.5
L5030.0	505027.6	5408962.9	4646.29981	270.04	41.52	48.833623	-86.931490	56207.11	56250.2	-0.19	56206.92	56197.65234	56184.93001	56185.75781	505027.6	5408962.9
L5030.0	505027.7	5408964.5	4646.39990	270.11	41.52	48.833637	-86.931490	56207.56	56250.2	-0.19	56207.36	56198.16406	56185.25892	56186.10156	505027.7	5408964.5
L5030.0	505027.7	5408964.5	4646.50000	269.18	40.01	48.833637	-86.931490	56208.00	56250.2	-0.19	56207.81	56198.68359	56185.60296	56186.46094	505027.7	5408964.5
L5030.0	505027.7	5408965.7	4646.60010	269.36	38.04	48.833647	-86.931489	56208.46	56250.2	-0.18	56208.28	56199.22656	56185.96082	56186.83594	505027.7	5408965.7
L5030.0	505027.8	5408967.1	4646.70020	269.45	38.04	48.833660	-86.931488	56208.91	56250.2	-0.18	56208.74	56199.75781	56186.33143	56187.21875	505027.8	5408967.1
L5030.0	505027.8	5408967.1	4646.79981	269.66	39.43	48.833660	-86.931488	56209.38	56250.2	-0.17	56209.21	56200.30469	56186.71359	56187.61719	505027.8	5408967.1
L5030.0	505027.8	5408968.7	4646.89990	269.55	39.43	48.833674	-86.931488	56209.82	56250.2	-0.17	56209.65	56200.82422	56187.10476	56188.02344	505027.8	5408968.7

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5030.0	505027.8	5408970.1	4647.00000	270.01	40.28	48.833687	-86.931487	56210.26	56250.2	-0.16	56210.10	56201.35547	56187.50483	56188.43750	505027.8	5408970.1
L5030.0	505027.8	5408970.1	4647.10010	271.20	40.28	48.833687	-86.931487	56210.68	56250.2	-0.16	56210.52	56201.85547	56187.91221	56188.85938	505027.8	5408970.1
L5030.0	505027.9	5408971.4	4647.20020	271.09	38.97	48.833699	-86.931487	56211.07	56250.2	-0.15	56210.92	56202.33984	56188.32449	56189.28516	505027.9	5408971.4
L5030.0	505027.9	5408972.4	4647.29981	269.96	38.97	48.833707	-86.931487	56211.45	56250.2	-0.15	56211.30	56202.80469	56188.73792	56189.71484	505027.9	5408972.4
L5030.0	505027.9	5408973.8	4647.39990	269.87	40.68	48.833720	-86.931486	56211.84	56250.1	-0.15	56211.69	56203.28125	56189.14933	56190.14063	505027.9	5408973.8
L5030.0	505027.9	5408973.8	4647.50000	270.77	42.28	48.833720	-86.931486	56212.23	56250.1	-0.15	56212.08	56203.75781	56189.55441	56190.55859	505027.9	5408973.8
L5030.0	505027.9	5408974.9	4647.60010	271.81	42.28	48.833730	-86.931486	56212.57	56250.1	-0.14	56212.43	56204.19922	56189.95298	56190.97266	505027.9	5408974.9
L5030.0	505028.0	5408976.4	4647.70020	270.90	38.5	48.833744	-86.931486	56212.94	56250.1	-0.14	56212.80	56204.65625	56190.34636	56191.38281	505028.0	5408976.4
L5030.0	505028.0	5408977.4	4647.79981	269.53	38.63	48.833753	-86.931486	56213.39	56250.1	-0.14	56213.25	56205.19922	56190.73450	56191.78516	505028.0	5408977.4
L5030.0	505028.0	5408977.4	4647.89990	271.08	38.63	48.833753	-86.931486	56213.78	56250.1	-0.13	56213.64	56205.68359	56191.11473	56192.17969	505028.0	5408977.4
L5030.0	505028.0	5408978.7	4648.00000	272.72	41.76	48.833764	-86.931486	56214.16	56250.1	-0.13	56214.03	56206.16797	56191.48757	56192.56641	505028.0	5408978.7
L5030.0	505028.0	5408979.9	4648.10010	273.95	41.76	48.833775	-86.931485	56214.54	56250.1	-0.13	56214.41	56206.64453	56191.85296	56192.94531	505028.0	5408979.9
L5030.0	505028.0	5408979.9	4648.20020	273.70	40.93	48.833775	-86.931485	56214.85	56250.1	-0.12	56214.73	56207.05859	56192.20987	56193.32031	505028.0	5408979.9
L5030.0	505028.0	5408981.1	4648.29981	274.09	40.93	48.833786	-86.931485	56215.26	56250.1	-0.12	56215.14	56207.56641	56192.56071	56193.68359	505028.0	5408981.1
L5030.0	505028.0	5408981.1	4648.39990	271.10	41.12	48.833786	-86.931485	56215.46	56250.1	-0.11	56215.34	56207.86719	56192.89933	56194.03906	505028.0	5408981.1
L5030.0	505028.0	5408982.2	4648.50000	271.35	33.79	48.833796	-86.931485	56215.79	56250.1	-0.11	56215.68	56208.30469	56193.23257	56194.38672	505028.0	5408982.2
L5030.0	505028.1	5408983.4	4648.60010	270.23	33.79	48.833807	-86.931484	56216.13	56250.1	-0.11	56216.02	56208.74609	56193.55964	56194.72656	505028.1	5408983.4
L5030.0	505028.1	5408984.7	4648.70020	268.60	38.85	48.833818	-86.931484	56216.46	56250.1	-0.10	56216.36	56209.18750	56193.88183	56195.06641	505028.1	5408984.7
L5030.0	505028.1	5408985.8	4648.79981	269.94	38.85	48.833828	-86.931483	56216.73	56250.1	-0.10	56216.63	56209.55859	56194.19851	56195.39844	505028.1	5408985.8
L5030.0	505028.2	5408986.6	4648.89990	269.62	41.32	48.833836	-86.931483	56217.08	56250.1	-0.09	56216.98	56210.01172	56194.51384	56195.72656	505028.2	5408986.6
L5030.0	505028.2	5408987.6	4649.00000	270.18	41.32	48.833844	-86.931482	56217.29	56250.1	-0.09	56217.20	56210.33594	56194.82449	56196.05469	505028.2	5408987.6
L5030.0	505028.2	5408987.6	4649.10010	269.89	42.71	48.833844	-86.931482	56217.59	56250.1	-0.09	56217.50	56210.73828	56195.13594	56196.37891	505028.2	5408987.6
L5030.0	505028.3	5408988.8	4649.20020	269.10	40.45	48.833855	-86.931481	56217.86	56250.1	-0.09	56217.77	56211.11328	56195.44729	56196.70703	505028.3	5408988.8
L5030.0	505028.3	5408988.8	4649.29981	269.25	40.45	48.833855	-86.931481	56218.14	56250.1	-0.09	56218.05	56211.49609	56195.76057	56197.03516	505028.3	5408988.8
L5030.0	505028.3	5408989.9	4649.39990	271.03	40.45	48.833865	-86.931480	56218.45	56250.1	-0.09	56218.37	56211.92188	56196.07757	56197.36719	505028.3	5408989.9
L5030.0	505028.4	5408990.8	4649.50000	273.29	39.78	48.833873	-86.931480	56218.62	56250.1	-0.08	56218.54	56212.19922	56196.39387	56197.69922	505028.4	5408990.8
L5030.0	505028.4	5408991.7	4649.60010	275.32	39.78	48.833881	-86.931479	56218.86	56250.1	-0.08	56218.77	56212.53516	56196.71495	56198.03516	505028.4	5408991.7
L5030.0	505028.4	5408991.7	4649.70020	275.46	38.66	48.833881	-86.931479	56219.16	56250.1	-0.08	56219.07	56212.94141	56197.04142	56198.37891	505028.4	5408991.7
L5030.0	505028.5	5408992.7	4649.79981	274.14	39.28	48.833890	-86.931478	56219.32	56250.1	-0.08	56219.24	56213.21875	56197.36563	56198.71875	505028.5	5408992.7
L5030.0	505028.5	5408993.6	4649.89990	274.14	39.28	48.833898	-86.931478	56219.55	56250.1	-0.08	56219.47	56213.55469	56197.69316	56199.06250	505028.5	5408993.6
L5030.0	505028.6	5408994.3	4650.00000	273.43	40.53	48.833904	-86.931477	56219.80	56250.1	-0.08	56219.72	56213.91016	56198.02261	56199.40625	505028.6	5408994.3
L5030.0	505028.6	5408994.3	4650.10010	270.94	38.36	48.833904	-86.931477	56220.06	56250.1	-0.08	56219.98	56214.27734	56198.35299	56199.75391	505028.6	5408994.3
L5030.0	505028.6	5408995.3	4650.20020	269.94	38.36	48.833913	-86.931477	56220.31	56250.1	-0.08	56220.23	56214.63672	56198.68225	56200.10156	505028.6	5408995.3
L5030.0	505028.6	5408996.2	4650.29981	271.31	35.98	48.833922	-86.931476	56220.52	56250.1	-0.08	56220.44	56214.95313	56199.00728	56200.44141	505028.6	5408996.2
L5030.0	505028.6	5408996.2	4650.39990	271.24	32.87	48.833922	-86.931476	56220.77	56250.1	-0.08	56220.69	56215.30859	56199.33076	56200.78125	505028.6	5408996.2
L5030.0	505028.7	5408997.2	4650.50000	270.74	32.87	48.833931	-86.931476	56220.98	56250.1	-0.08	56220.90	56215.62891	56199.64629	56201.11328	505028.7	5408997.2
L5030.0	505028.7	5408997.9	4650.60010	272.61	39.33	48.833937	-86.931475	56221.20	56250.1	-0.07	56221.13	56215.96484	56199.95807	56201.44141	505028.7	5408997.9
L5030.0	505028.7	5408998.9	4650.70020	271.12	39.33	48.833946	-86.931475	56221.44	56250.1	-0.07	56221.37	56216.31250	56200.26612	56201.76563	505028.7	5408998.9
L5030.0	505028.7	5408998.9	4650.79981	270.02	39.33	48.833946	-86.931475	56221.61	56250.1	-0.07	56221.53	56216.57813	56200.56295	56202.07813	505028.7	5408998.9
L5030.0	505028.8	5408999.8	4650.89990	271.59	38.79	48.833954	-86.931475	56221.79	56250.1	-0.07	56221.72	56216.87500	56200.85648	56202.39063	505028.8	5408999.8
L5030.0	505028.8	5409000.6	4651.00000	272.35	37.46	48.833962	-86.931474	56221.98	56250.1	-0.07	56221.91	56217.17188	56201.14377	56202.69531	505028.8	5409000.6
L5030.0	505028.8	5409000.6	4651.10010	271.88	37.46	48.833962	-86.931474	56222.18	56250.1	-0.07	56222.11	56217.47656	56201.42579	56202.99219	505028.8	5409000.6
L5030.0	505028.8	5409001.2	4651.20020	274.05	37.46	48.833967	-86.931474	56222.38	56250.1	-0.07	56222.31	56217.78516	56201.70193	56203.28516	505028.8	5409001.2
L5030.0	505028.8	5409001.9	4651.29981	274.67	37.46	48.833973	-86.931474	56222.56	56250.1	-0.06	56222.50	56218.07813	56201.97092	56203.57422	505028.8	5409001.9
L5030.0	505028.8	5409002.5	4651.39990	274.62	39.98	48.833979	-86.931474	56222.73	56250.1	-0.06	56222.67	56218.35547	56202.23135	56203.85156	505028.8	5409002.5
L5030.0	505028.8	5409003.3	4651.50000	273.08	39.23	48.833985	-86.931473	56222.94	56250.1	-0.06	56222.88	56218.67188	56202.48883	56204.12500	505028.8	5409003.3
L5030.0	505028.8	5409003.3	4651.60010	273.87	39.23	48.833985	-86.931473	56223.04	56250.1	-0.06	56222.98	56218.87500	56202.72857	56204.38281	505028.8	5409003.3
L5030.0	505028.8	5409003.9	4651.70020	271.75	40.41	48.833991	-86.931473	56223.29	56250.1	-0.06	56223.24	56219.23828	56202.97956	56204.65234	505028.8	5409003.9
L5030.0	505028.9	5409004.9	4651.79981	271.94	40.41	48.834000	-86.931473	56223.40	56250.1	-0.05	56223.34	56219.44531	56203.20823	56204.89844	505028.9	5409004.9
L5030.0	505028.9	5409005.6	4651.89990	266.13	40.32	48.834006	-86.931473	56223.63	56250.1	-0.05	56223.57	56219.77734	56203.44753	56205.15625	505028.9	5409005.6
L5030.0	505028.9	5409005.6	4652.00000	265.72	40.32	48.834006	-86.931473	56223.73	56250.1	-0.05	56223.68	56219.99219	56203.66643	56205.39063	505028.9	5409005.6
L5030.0	505028.9	5409006.1	4652.10010	275.38	41.74	48.834011	-86.931473	56223.92	56250.1	-0.05	56223.87	56220.28516	56203.88684	56205.62891	505028.9	5409006.1
L5030.0	505028.9	5409006.7	4652.20020	275.49	40.55	48.834016	-86.931472	56224.04	56250.1	-0.05	56223.98	56220.49609	56204.08875	56205.85156	505028.9	5409006.7
L5030.0	505028.9	5409007.3	4652.29981	273.37	40.55	48.834022	-86.931472	56224.14	56250.1	-0.05	56224.09	56220.70703	56204.28130	56206.06250	505028.9	5409007.3
L5030.0	505028.9	5409007.3	4652.39990	272.34	40.55	48.834022	-86.931472	56224.29	56250.1	-0.05	56224.23	56220.94922	56204.46782	56206.26563	505028.9	5409007.3
L5030.0	505028.9	5409008.0	4652.50000	273.14	41.23	48.834028	-86.931472	56224.38	56250.1	-0.06	56224.32	56221.14063	56204.63691	56206.45313	505028.9	5409008.0
L5030.0	505029.0	5409008.6	4652.60010	274.74	40.02	48.834033	-86.931472	56224.48	56250.1	-0.06	56224.43	56221.34766	56204.79715	56206.63281	505029.0	5409008.6
L5030.0	505029.0	5409008.6	4652.70020	273.70	40.02	48.834033	-86.931472	56224.58	56250.1	-0.06	56224.52	56221.53906	56204.94318	56206.79688	505029.0	5409008.6
L5030.0	505029.0	5409009.1	4652.79981	272.92	40.82	48.834038	-86.931472	56224.72	56250.1	-0.06	56224.66	56221.77734	56205.08428	56206.95703	505029.0	5409009.1
L5030.0	505029.0	5409009.7	4652.89990	272.40	40.82	48.834044	-86.931472	56224.81	56250.1	-0.06	56224.75	56221.96484	56205.20723	56207.09766	505029.0	5409009.7
L5030.0	505029.0	5409010.3	4653.00000	275.45	42.44	48.834049	-86.931471	56224.93	56250.1	-0.06	56224.87	56222.18359	56205.32437	56207.23438	505029.0	5409010.3
L5030.0	505029.0	5409010.3	4653.10010	274.59	43.37	48.834049	-86.931471	56224.97	56250.1	-0.06	56224.92	56222.32813	56205.42281	56207.35156	505029.0	5409010.3
L5030.0	505029.0	5409010.8	4653.20020	275.64	43.37	48.834054	-86.931471	56225.04	56250.1	-0.05	56224.98	56222.48438	56205.51421	56207.46094	505029.0	5409010.8
L5030.0	505029.0	5409011.3	4653.29981	277.51	41.74	48.834058	-86.931471	56225.19	56250	-0.05	56225.14	56222.74219	56205.61197	56207.57813	505029.0	5409011.3
L5030.0	505029.0	5409011.7	4653.39990	275.83	41.74	48.834061	-86.931471	56225.29	56250	-0.04	56225.24	56222.93750	56205.69425	56207.67969	505029.0	5409011.7
L5030.0	505029.0	5409011.7	4653.50000	276.02	40.63	48.834061	-86.931471	56225.32	56250	-0.04	56225.28	56223.07031	56205.76150	56207.76563	505029.0	5409011.7
L5030.0	505029.0	5409012.2	4653.60010	275.09	40.63	48.834066	-86.931471	56225.43	56250	-0.04	56225.39	56223.27344	56205.83291	56207.85547	505029.0	5409012.2
L5030.0	505029.0	5409012.5	4653.70020	274.27	43.33	48.834069	-86.931471	56225.52	56250	-0.03	56225.49	56223.46875	56205.89873	56207.94141	505029.0	5409012.5
L5030.0	505029.0	5409012.9	4653.79981	260.83	43.73	48.834072	-86.931471	56225.54	56250	-0.03	56225.51	56223.57813	56205.95056	56208.01172	505029.0	5409012.9
L5030.0	505029.0	5409012.9	4653.89990	262.08	43.73	48.834072	-86.931471	56225.57	56250	-0.02	56225.54	56223.70313	56206.00207	56208.08594	505029.0	5409012.9
L5030.0	505029.1	5409013.4	4654.00000	271.71	42.31	48.834077	-86.931470	56225.82	56250	-0.02	56225.80	56224.05078	56206.08406	56208.18750	505029.1	5409013.4
L5030.0	505029.1	5409013.8	4654.10010	271.07	42.31	48.834081	-86.931470	56226.05	56250	-0.02	56226.03	56224.37109	56206.16220	56208.28516	505029.1	5409013.8
L5030.0	505029.1	5409014.2	4654.20020	270.70	41.06	48.834084	-86.931470	56226.28	56250	-0.02	56226.26	56224.69141	56206.24222	56208.38281	505029.1	5409014.2
L5030.0	505029.1	5409014.5	4654.29981	273.73	41.58	48.834087	-86.931470	56226.49	56250	-0.02	56226.47	56224.98828	56206.32307	56208.48438	505029.1	5409014.5
L5030.0	505029.1	5409014.5	4654.39990	273.33	41.58	48.834087	-86.931470	56226.51	56250	-0.02	56226.49	56225.09766	56206.38293	56208.56250	505029.1	5409014.5
L5030.0	505029.1	5409015.1	4654.50000	273.78	43.98	48.834092	-86.931469	56226.48	56250	-0.02	56226.46	56225.15625	56206.44302	56208.64453	505029.1	5409015.1
L5030.0	505029.1	5409015.4	4654.60010	273.21	42.63	48.834095	-86.931469	56226.43	56250	-0.02	56226.41	56225.19141	56206.50940	56208.73047	505029.1	5409015.4
L5030.0	505029.1	5409015.4	4654.70020	274.16	42.63	48.834095	-86.931469	56226.18	56250	-0.02	56226.16	56225.02734	56206.55744	56208.80078	505029.1	5409015.4
L5030.0	505029.2	5409015.8	4654.79981	273.62	44.94	48.834098	-86.931469	56226.01	56250	-0.02	56225.99	56224.94141	56206.62956	56208.89063	505029.2	5409015.8
L5030.0	505029.2	5409016.2	4654.89990	274.06	44.94	48.834102	-86.931469	56225.82	56250	-0.02	56225.80	56224.83594	56206.71136	56208.99219	505029.2	5409016.2
L5030.0	505029.2	5409016.2	4655.00000	276.74	43.5	48.834102	-86.931469	56225.61	56250	-0.02	56225.59	56224.71094	56206.79958	56209.10156	505029.2	5409016.2
L5030.0	505029.2	5409016.6	4655.10010	277.43	44.44	48.834105	-86.931468	56225.46	56250	-0.02	56225.44	56224.64063	56206.90513	56209.22656	505029.2	5409016.6
L5030.0	505029.2	5409017.1	4655.20020	274.93	44.44	48.834110	-86.931468	56225.24	56250	-0.02	56225.22	56224.50391	56207.00476	56209.34766	505029.2	5409017.1
L5030.0	505029.2	5409017.5	4655.29981	274.36	44.44	48.834114	-86.931468	56225.04	56250	-0.02	56225.01	56224.37500	56207.10982	56209.47266	505029.2	5409017.5
L5030.0	505029.2	5409017.5	4655.39990	273.49	44.23	48.834114	-86.931468	56224.86	56250	-0.02	56224.83	56224.27734	56207.22269	56209.60547	505029.2	5409017.5
L5030.0	505029.2	5409017.9	4655.50000	274.92	43.15	48.834117	-86.931468	56224.67	56250	-0.02	56224.64	56224.16797	56207.33420	56209.73828	505029.2	5409017.9
L5030.0	505029.2	5409018.5	4655.60010	273.70	43.15	48.834122	-86.931468	56224.47	56250	-0.03	56224.45	56224.05469	56207.44454	56209.86719	505029.2	5409018.5
L5030.0	505029.2	5409018.8	4655.70020	275.21	44.48	48.834125	-86.931468	56224.34	56250	-0.03	56224.31	56223.99219	56207.56299	56210.00781	505029.2	5409018.8
L5030.0	505029.2	5409018.8	4655.79981	277.02	44.86	48.834125	-86.931468	56224.17	56250	-0.03	56224.14	56223.90234	56207.67253	56210.13672	505029.2	5409018.8
L5030.0	505029.2	5409019.1	4655.89990	277.02	44.86	48.834128	-86.931468	56224.01	56250	-0.03	56223.98	56223.82031	56207.78105	56210.26563	505029.2	5409019.1
L5030.0	505029.2	5409019.5	4656.00000	278.15	43.85	48.834131	-86.931468	56223.88	56250	-0.03	56223.85	56223.76563	56207.89336	56210.39844	505029.2	5409019.5
L5030.0	505029.2	5409019.5	4656.10010	276.23	43.85	48.834131	-86.931468	56223.69	56250	-0.03	56223.66	56223.64844	56207.98783	56210.51172	505029.2	5409019.5
L5030.0	505029.2	5409019.9	4656.20020	278.06	43.85	48.834135	-86.931468	56223.50	56250	-0.03	56223.47	56223.53516	56208.07727	56210.62109	505029.2	5409019.9

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5030.0	505029.2	5409020.3	4656.29981	276.56	43.6	48.834139	-86.931469	56223.42	56250	-0.03	56223.39	56223.53125	56208.19020	56210.75391	505029.2	5409020.3
L5030.0	505029.2	5409020.7	4656.39990	276.64	43.6	48.834142	-86.931469	56223.17	56250	-0.03	56223.14	56223.35156	56208.25346	56210.83984	505029.2	5409020.7
L5030.0	505029.2	5409020.7	4656.50000	277.11	43.23	48.834142	-86.931469	56223.04	56250	-0.02	56223.01	56223.29688	56207.87425	56210.48047	505029.2	5409020.7
L5030.0	505029.2	5409021.0	4656.60010	278.41	43.19	48.834145	-86.931469	56222.89	56250	-0.02	56222.86	56223.21875	56207.95626	56210.58203	505029.2	5409021.0
L5030.0	505029.1	5409021.4	4656.70020	279.55	43.59	48.834148	-86.931469	56222.68	56250	-0.02	56222.66	56223.08984	56208.03773	56210.68359	505029.1	5409021.4
L5030.0	505029.1	5409021.7	4656.79981	270.37	43.59	48.834152	-86.931469	56222.58	56250	-0.02	56222.56	56223.05859	56208.10277	56210.76563	505029.1	5409021.7
L5030.0	505029.1	5409021.7	4656.89990	271.60	44.99	48.834152	-86.931469	56222.38	56250	-0.02	56222.36	56222.92969	56208.17312	56210.85547	505029.1	5409021.7
L5030.0	505029.1	5409022.1	4657.00000	278.16	45.37	48.834155	-86.931469	56222.19	56250	-0.02	56222.17	56222.80859	56208.23704	56210.94141	505029.1	5409022.1
L5030.0	505029.1	5409022.5	4657.10010	278.43	45.37	48.834159	-86.931470	56222.00	56250	-0.02	56221.97	56222.67969	56208.29550	56211.01953	505029.1	5409022.5
L5030.0	505029.1	5409022.5	4657.20020	279.21	45.86	48.834159	-86.931470	56221.79	56250	-0.02	56221.77	56222.54688	56208.34682	56211.08984	505029.1	5409022.5
L5030.0	505029.1	5409022.9	4657.29981	280.17	45.86	48.834162	-86.931470	56221.56	56250	-0.03	56221.53	56222.37500	56208.39163	56211.15234	505029.1	5409022.9
L5030.0	505029.1	5409023.2	4657.39990	279.00	46.17	48.834165	-86.931470	56221.29	56250	-0.03	56221.26	56222.17188	56208.42719	56211.20703	505029.1	5409023.2
L5030.0	505029.1	5409023.5	4657.50000	277.51	47.69	48.834168	-86.931470	56221.07	56250	-0.03	56221.04	56222.01953	56208.45109	56211.25000	505029.1	5409023.5
L5030.0	505029.1	5409023.5	4657.60010	279.32	47.69	48.834168	-86.931470	56220.79	56250	-0.03	56220.76	56221.80469	56208.46517	56211.28125	505029.1	5409023.5
L5030.0	505029.1	5409023.9	4657.70020	281.06	47.69	48.834171	-86.931470	56220.59	56250	-0.03	56220.55	56221.66016	56208.47345	56211.30859	505029.1	5409023.9
L5030.0	505029.1	5409024.2	4657.79981	282.77	49.28	48.834174	-86.931470	56220.41	56250	-0.04	56220.37	56221.54297	56208.48029	56211.33203	505029.1	5409024.2
L5030.0	505029.0	5409024.5	4657.89990	282.58	50.92	48.834177	-86.931470	56220.13	56250	-0.04	56220.10	56221.33594	56208.48455	56211.35547	505029.0	5409024.5
L5030.0	505029.0	5409024.5	4658.00000	283.47	50.73	48.834177	-86.931470	56219.93	56250	-0.04	56219.89	56221.19141	56208.49160	56211.37891	505029.0	5409024.5
L5030.0	505029.0	5409025.0	4658.10010	282.24	50.73	48.834181	-86.931471	56219.75	56250	-0.04	56219.71	56221.07422	56208.50305	56211.40625	505029.0	5409025.0
L5030.0	505029.0	5409025.4	4658.20020	281.23	49.84	48.834184	-86.931471	56219.47	56250	-0.04	56219.42	56220.84766	56208.50967	56211.42969	505029.0	5409025.4
L5030.0	505029.0	5409025.4	4658.29981	281.45	49.84	48.834184	-86.931471	56219.27	56250	-0.05	56219.22	56220.70703	56208.52319	56211.46094	505029.0	5409025.4
L5030.0	505029.0	5409025.8	4658.39990	281.27	49.29	48.834188	-86.931471	56219.00	56250	-0.05	56218.95	56220.50000	56208.53034	56211.48438	505029.0	5409025.8
L5030.0	505028.9	5409026.1	4658.50000	282.27	49.67	48.834191	-86.931472	56218.81	56250.1	-0.05	56218.76	56220.37109	56208.54359	56211.51563	505028.9	5409026.1
L5030.0	505028.9	5409026.1	4658.60010	282.83	49.67	48.834191	-86.931472	56218.61	56250.1	-0.05	56218.56	56220.23047	56208.55426	56211.53906	505028.9	5409026.1
L5030.0	505028.9	5409026.1	4658.70020	278.50	50.31	48.834191	-86.931472	56218.39	56250.1	-0.05	56218.34	56220.07031	56208.55974	56211.56250	505028.9	5409026.1
L5030.0	505028.9	5409026.9	4658.79981	280.69	50.31	48.834198	-86.931473	56218.16	56250.1	-0.06	56218.11	56219.89844	56208.55975	56211.57422	505028.9	5409026.9
L5030.0	505028.9	5409026.9	4658.89990	281.23	52.26	48.834198	-86.931473	56218.02	56250.1	-0.06	56217.96	56219.80859	56208.56800	56211.59766	505028.9	5409026.9
L5030.0	505028.9	5409027.2	4659.00000	281.70	40.32	48.834201	-86.931473	56217.78	56250.1	-0.06	56217.72	56219.62500	56208.55606	56211.60156	505028.9	5409027.2
L5030.0	505028.8	5409027.6	4659.10010	281.41	40.32	48.834204	-86.931473	56217.66	56250.1	-0.06	56217.60	56219.56250	56208.55963	56211.61719	505028.8	5409027.6
L5030.0	505028.8	5409027.9	4659.20020	280.59	50.42	48.834207	-86.931473	56217.40	56250.1	-0.06	56217.34	56219.35938	56208.52828	56211.60156	505028.8	5409027.9
L5030.0	505028.8	5409027.9	4659.29981	284.49	50.42	48.834207	-86.931473	56217.20	56250.1	-0.06	56217.14	56219.21484	56208.49951	56211.58594	505028.8	5409027.9
L5030.0	505028.8	5409028.2	4659.39990	285.45	50.64	48.834210	-86.931474	56216.99	56250.1	-0.06	56216.93	56219.06250	56208.45853	56211.55859	505028.8	5409028.2
L5030.0	505028.8	5409028.6	4659.50000	285.31	50.64	48.834213	-86.931474	56216.79	56250.1	-0.06	56216.73	56218.91797	56208.40895	56211.51953	505028.8	5409028.6
L5030.0	505028.8	5409028.9	4659.60010	285.74	51.02	48.834216	-86.931474	56216.55	56250.1	-0.06	56216.49	56218.73438	56208.33772	56211.46094	505028.8	5409028.9
L5030.0	505028.8	5409028.9	4659.70020	287.13	51.4	48.834216	-86.931474	56216.41	56250.1	-0.06	56216.35	56218.64844	56208.27892	56211.41406	505028.8	5409028.9
L5030.0	505028.8	5409029.2	4659.79981	287.94	50.88	48.834219	-86.931474	56216.18	56250.1	-0.06	56216.12	56218.47266	56208.18362	56211.32813	505028.8	5409029.2
L5030.0	505028.8	5409029.5	4659.89990	285.88	50.88	48.834221	-86.931474	56215.99	56250.1	-0.06	56215.93	56218.33594	56208.08477	56211.23828	505028.8	5409029.5
L5030.0	505028.8	5409029.5	4660.00000	285.88	48.96	48.834221	-86.931474	56215.72	56250.1	-0.06	56215.66	56218.11719	56207.94947	56211.11328	505028.8	5409029.5
L5030.0	505028.8	5409029.9	4660.10010	285.82	48.96	48.834225	-86.931474	56215.56	56250.1	-0.06	56215.50	56218.01172	56207.82949	56211.00391	505028.8	5409029.9
L5030.0	505028.8	5409030.1	4660.20020	284.56	46.31	48.834227	-86.931474	56215.37	56250.1	-0.07	56215.30	56217.86328	56207.68262	56210.86719	505028.8	5409030.1
L5030.0	505028.8	5409030.4	4660.29981	284.02	46.68	48.834230	-86.931474	56215.15	56250.1	-0.07	56215.08	56217.69531	56207.51360	56210.70313	505028.8	5409030.4
L5030.0	505028.8	5409030.7	4660.39990	285.33	46.68	48.834232	-86.931474	56214.95	56250.1	-0.07	56214.87	56217.53906	56207.33001	56210.52734	505028.8	5409030.7
L5030.0	505028.8	5409030.7	4660.50000	284.53	46.83	48.834232	-86.931474	56214.70	56250.1	-0.07	56214.62	56217.33984	56207.11908	56210.32422	505028.8	5409030.7
L5030.0	505028.8	5409031.1	4660.60010	284.91	46.83	48.834236	-86.931474	56214.54	56250.1	-0.08	56214.46	56217.23047	56206.91940	56210.13281	505028.8	5409031.1
L5030.0	505028.7	5409031.4	4660.70020	284.00	47.92	48.834239	-86.931474	56214.29	56250.1	-0.08	56214.20	56217.01953	56206.68329	56209.90234	505028.7	5409031.4
L5030.0	505028.7	5409031.7	4660.79981	283.03	47.92	48.834241	-86.931474	56214.16	56250.1	-0.08	56214.08	56216.94922	56206.47986	56209.70313	505028.7	5409031.7
L5030.0	505028.7	5409031.7	4660.89990	281.82	51.12	48.834241	-86.931474	56213.91	56250.1	-0.09	56213.82	56216.73828	56206.23812	56209.46875	505028.7	5409031.7
L5030.0	505028.7	5409032.0	4661.00000	284.47	51.88	48.834244	-86.931475	56213.70	56250.1	-0.09	56213.61	56216.57813	56206.01438	56209.25000	505028.7	5409032.0
L5030.0	505028.7	5409032.3	4661.10010	286.81	51.88	48.834247	-86.931475	56213.48	56250.1	-0.09	56213.39	56216.40625	56205.79785	56209.03516	505028.7	5409032.3
L5030.0	505028.7	5409032.7	4661.20020	287.74	51.71	48.834250	-86.931475	56213.38	56250.1	-0.09	56213.29	56216.35547	56205.62470	56208.86719	505028.7	5409032.7
L5030.0	505028.7	5409032.9	4661.29981	287.03	53.59	48.834252	-86.931475	56213.17	56250.1	-0.09	56213.08	56216.19531	56205.44060	56208.68359	505028.7	5409032.9
L5030.0	505028.7	5409032.9	4661.39990	276.32	56.66	48.834252	-86.931475	56212.95	56250.1	-0.09	56212.87	56216.03125	56205.27587	56208.51953	505028.7	5409032.9
L5030.0	505028.7	5409033.4	4661.50000	277.58	56.66	48.834257	-86.931475	56212.82	56250.1	-0.08	56212.73	56215.93750	56205.15089	56208.39844	505028.7	5409033.4
L5030.0	505028.7	5409033.7	4661.60010	286.57	56.66	48.834259	-86.931475	56212.55	56250.1	-0.08	56212.46	56215.71484	56205.01601	56208.26172	505028.7	5409033.7
L5030.0	505028.7	5409033.7	4661.70020	283.70	57.67	48.834259	-86.931475	56212.39	56250.1	-0.08	56212.31	56215.61328	56204.93803	56208.18359	505028.7	5409033.7
L5030.0	505028.7	5409034.0	4661.79981	284.49	53.19	48.834262	-86.931475	56212.16	56250.1	-0.08	56212.07	56215.41797	56204.86186	56208.10938	505028.7	5409034.0
L5030.0	505028.7	5409034.4	4661.89990	285.25	58.28	48.834265	-86.931475	56211.98	56250.1	-0.08	56211.90	56215.29297	56204.83231	56208.07813	505028.7	5409034.4
L5030.0	505028.7	5409034.7	4662.00000	283.12	58.28	48.834268	-86.931475	56211.76	56250.1	-0.08	56211.68	56215.12109	56204.81313	56208.05469	505028.7	5409034.7
L5030.0	505028.7	5409035.0	4662.10010	282.66	58.82	48.834271	-86.931475	56211.56	56250.1	-0.09	56211.47	56214.95313	56204.82002	56208.05859	505028.7	5409035.0
L5030.0	505028.7	5409035.0	4662.20020	281.47	58.82	48.834271	-86.931475	56211.33	56250.1	-0.10	56211.23	56214.75781	56204.83747	56208.07422	505028.7	5409035.0
L5030.0	505028.7	5409035.4	4662.29981	281.79	55.86	48.834275	-86.931475	56211.13	56250.1	-0.11	56211.02	56214.59375	56204.88413	56208.11719	505028.7	5409035.4
L5030.0	505028.7	5409035.4	4662.39990	285.15	57.14	48.834275	-86.931475	56210.84	56250.1	-0.12	56210.72	56214.33594	56204.91148	56208.14063	505028.7	5409035.4
L5030.0	505028.7	5409035.8	4662.50000	286.72	57.14	48.834278	-86.931475	56210.72	56250.1	-0.13	56210.59	56214.25000	56204.92595	56208.14844	505028.7	5409035.8
L5030.0	505028.7	5409036.1	4662.60010	288.94	56.15	48.834281	-86.931475	56210.46	56250.1	-0.13	56210.33	56214.03516	56205.03194	56208.25000	505028.7	5409036.1
L5030.0	505028.7	5409036.4	4662.70020	289.07	56.55	48.834283	-86.931475	56210.27	56250.1	-0.14	56210.13	56213.87500	56205.12949	56208.33984	505028.7	5409036.4
L5030.0	505028.7	5409036.6	4662.79981	290.79	57.15	48.834285	-86.931475	56210.03	56250.2	-0.15	56209.88	56213.66797	56205.24023	56208.44531	505028.7	5409036.6
L5030.0	505028.7	5409036.9	4662.89990	292.28	57.15	48.834288	-86.931475	56209.87	56250.2	-0.16	56209.71	56213.54297	56205.34524	56208.54297	505028.7	5409036.9
L5030.0	505028.7	5409037.3	4663.00000	291.44	58.27	48.834291	-86.931475	56209.65	56250.2	-0.17	56209.48	56213.35547	56205.45411	56208.64453	505028.7	5409037.3
L5030.0	505028.7	5409037.6	4663.10010	293.15	58.27	48.834294	-86.931475	56209.48	56250.2	-0.17	56209.31	56213.22656	56205.56420	56208.74609	505028.7	5409037.6
L5030.0	505028.7	5409037.6	4663.20020	292.46	58.06	48.834294	-86.931475	56209.18	56250.2	-0.18	56209.00	56212.95703	56205.64866	56208.82031	505028.7	5409037.6
L5030.0	505028.7	5409038.1	4663.29981	291.53	58.06	48.834299	-86.931475	56208.98	56250.2	-0.18	56208.79	56212.78906	56205.73568	56208.89453	505028.7	5409038.1
L5030.0	505028.7	5409038.1	4663.39990	293.09	59.62	48.834299	-86.931475	56208.77	56250.2	-0.19	56208.59	56212.62891	56205.81403	56208.96484	505028.7	5409038.1
L5030.0	505028.7	5409038.4	4663.50000	294.37	58.93	48.834302	-86.931475	56208.60	56250.2	-0.19	56208.41	56212.48828	56205.88802	56209.02734	505028.7	5409038.4
L5030.0	505028.7	5409038.7	4663.60010	294.84	58.93	48.834304	-86.931475	56208.39	56250.2	-0.19	56208.20	56212.31641	56205.93716	56209.06250	505028.7	5409038.7
L5030.0	505028.7	5409039.0	4663.70020	295.91	58.06	48.834307	-86.931474	56208.16	56250.2	-0.20	56207.97	56212.12891	56205.95843	56209.07422	505028.7	5409039.0
L5030.0	505028.7	5409039.0	4663.79981	293.58	59.22	48.834307	-86.931474	56207.98	56250.2	-0.20	56207.78	56211.97656	56205.98002	56209.08203	505028.7	5409039.0
L5030.0	505028.8	5409039.4	4663.89990	296.99	59.22	48.834311	-86.931474	56207.70	56250.2	-0.21	56207.49	56211.72656	56205.92158	56209.01172	505028.8	5409039.4
L5030.0	505028.8	5409039.7	4664.00000	296.25	60.73	48.834313	-86.931474	56207.53	56250.2	-0.21	56207.32	56211.59375	56205.91395	56208.98828	505028.8	5409039.7
L5030.0	505028.8	5409040.0	4664.10010	287.67	60.73	48.834316	-86.931474	56207.30	56250.2	-0.21	56207.09	56211.40234	56205.84822	56208.91016	505028.8	5409040.0
L5030.0	505028.8	5409040.5	4664.20020	289.84	60.57	48.834320	-86.931473	56207.04	56250.2	-0.22	56206.82	56211.17188	56205.73297	56208.77734	505028.8	5409040.5
L5030.0	505028.8	5409040.5	4664.29981	295.61	60.13	48.834320	-86.931473	56206.81	56250.2	-0.22	56206.58	56210.96875	56205.65412	56208.68359	505028.8	5409040.5
L5030.0	505028.8	5409040.8	4664.39990	295.79	60.13	48.834323	-86.931473	56206.64	56250.2	-0.23	56206.42	56210.84375	56205.50372	56208.51953	505028.8	5409040.8
L5030.0	505028.8	5409041.1	4664.50000	298.24	61.07	48.834326	-86.931473	56206.40	56250.2	-0.23	56206.17	56210.63281	56205.37935	56208.37891	505028.8	5409041.1
L5030.0	505028.8	5409041.5	4664.60010	297.59	61.12	48.834329	-86.931473	56206.14	56250.2	-0.23	56205.91	56210.41016	56205.22518	56208.20703	505028.8	5409041.5
L5030.0	505028.8	5409041.5	4664.70020	296.90	61.12	48.834329	-86.931473	56205.89	56250.2	-0.24	56205.65	56210.18750	56205.06331	56208.02734	505028.8	5409041.5
L5030.0	505028.9	5409041.9	4664.79981	297.27	61.31	48.834333	-86.931473	56205.74	56250.2	-0.24	56205.50	56210.07031	56204.89095	56207.83594	505028.9	5409041.9
L5030.0	505028.9	5409042.2	4664.89990	297.69	61.31	48.834336	-86.931473	56205.51	56250.2	-0.25	56205.26	56209.86719	56204.71596	56207.64453	505028.9	5409042.2
L5030.0	505028.9	5409042.2	4665.00000	297.90	61.43	48.834336	-86.931473	56205.28	56250.3	-0.25	56205.03	56209.67188	56204.52731	56207.43750	505028.9	5409042.2
L5030.0	505028.9	5409042.6	4665.10010	286.81	61.43	48.834339	-86.931472	56205.09	56250.3	-0.26	56204.83	56209.50781	56204.33702	56207.23047	505028.9	5409042.6
L5030.0	505028.9	5409042.9	4665.20020	286.68	60.9	48.834342	-86.931472	56204.90	56250.3	-0.27	56204.63	56209.34375	56204.13853	56207.01172	505028.9	5409042.9
L5030.0	505028.9	5409042.9	4665.29981	295.05	60.9	48.834342	-86.931472	56204.64	56250.3	-0.27	56204.37	56209.11719	56203.92245	56206.77734	505028.9	5409042.9
L5030.0	505028.9	5409043.3	4665.39990	296.26	62.24	48.834346	-86.931472	56204.45	56250.3	-0.28	56204.17	56208.95313	56203.71778	56206.55078	505028.9	5409043.3
L5030.0	505028.9	5409043.7	4665.50000	294.84	62.22	48.834349	-86.931472	56204.29	56250.3	-0.29	56204.00	56208.81641	56203.51756	56206.33203	505028.9	5409043.7

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5030.0	505028.9	5409044.0	4665.60010	296.19	62.22	48.834352	-86.931472	56204.02	56250.3	-0.30	56203.72	56208.57031	56203.29065	56206.08594	505028.9	5409044.0
L5030.0	505028.9	5409044.0	4665.70020	298.24	63.14	48.834352	-86.931472	56203.82	56250.3	-0.31	56203.51	56208.39453	56203.07989	56205.85547	505028.9	5409044.0
L5030.0	505028.9	5409044.4	4665.79981	293.83	63.14	48.834356	-86.931472	56203.61	56250.3	-0.31	56203.29	56208.20703	56202.87576	56205.62891	505028.9	5409044.4
L5030.0	505028.9	5409044.8	4665.89990	295.61	65.04	48.834359	-86.931472	56203.41	56250.3	-0.32	56203.09	56208.03906	56202.67951	56205.41406	505028.9	5409044.8
L5030.0	505028.9	5409045.2	4666.00000	296.99	65.04	48.834363	-86.931472	56203.11	56250.3	-0.33	56202.78	56207.76172	56202.45369	56205.16797	505028.9	5409045.2
L5030.0	505028.9	5409045.2	4666.10010	297.17	64.34	48.834363	-86.931472	56202.96	56250.3	-0.33	56202.62	56207.63281	56202.29411	56204.98828	505028.9	5409045.2
L5030.0	505028.9	5409045.6	4666.20020	296.30	66.22	48.834366	-86.931472	56202.65	56250.3	-0.34	56202.31	56207.35547	56202.07824	56204.75000	505028.9	5409045.6
L5030.0	505028.9	5409046.0	4666.29981	295.41	66.22	48.834370	-86.931472	56202.47	56250.3	-0.35	56202.13	56207.20703	56201.94400	56204.59766	505028.9	5409046.0
L5030.0	505028.9	5409046.0	4666.39990	294.22	65.68	48.834370	-86.931472	56202.16	56250.3	-0.35	56201.81	56206.91797	56201.72430	56204.35547	505028.9	5409046.0
L5030.0	505028.9	5409046.3	4666.50000	293.84	64.98	48.834372	-86.931472	56201.96	56250.4	-0.36	56201.61	56206.75000	56201.61000	56204.22266	505028.9	5409046.3
L5030.0	505028.9	5409046.7	4666.60010	293.30	64.98	48.834376	-86.931472	56201.71	56250.4	-0.36	56201.35	56206.51953	56201.39469	56203.98438	505028.9	5409046.7
L5030.0	505028.9	5409047.0	4666.70020	296.61	64.67	48.834379	-86.931472	56201.49	56250.4	-0.36	56201.13	56206.33203	56201.48667	56204.05859	505028.9	5409047.0
L5030.0	505028.9	5409047.0	4666.79981	294.84	64.82	48.834379	-86.931472	56201.20	56250.4	-0.37	56200.83	56206.06250	56201.02599	56203.57422	505028.9	5409047.0
L5030.0	505028.9	5409047.5	4666.89990	298.37	64.82	48.834383	-86.931472	56200.98	56250.4	-0.38	56200.61	56205.87109	56200.95237	56203.48047	505028.9	5409047.5
L5030.0	505028.9	5409047.5	4667.00000	298.06	65.57	48.834383	-86.931472	56200.81	56250.4	-0.38	56200.43	56205.72266	56201.62982	56204.14063	505028.9	5409047.5
L5030.0	505028.9	5409047.8	4667.10010	297.22	65.57	48.834386	-86.931472	56200.48	56250.4	-0.39	56200.09	56205.41016	56200.08267	56202.57031	505028.9	5409047.8
L5030.0	505028.9	5409048.1	4667.20020	299.65	66.47	48.834389	-86.931472	56200.30	56250.4	-0.39	56199.91	56205.26172	56201.32082	56203.78906	505028.9	5409048.1
L5030.0	505028.9	5409048.6	4667.29981	300.40	66.47	48.834393	-86.931472	56200.05	56250.4	-0.40	56199.65	56205.03125	56200.69722	56203.14844	505028.9	5409048.6
L5030.0	505028.9	5409048.6	4667.39990	300.42	67.76	48.834393	-86.931472	56199.77	56250.4	-0.41	56199.36	56204.76953	56200.20165	56202.63281	505028.9	5409048.6
L5030.0	505028.9	5409049.0	4667.50000	301.04	68.83	48.834397	-86.931472	56199.59	56250.4	-0.41	56199.17	56204.60938	56200.55974	56202.97266	505028.9	5409049.0
L5030.0	505028.9	5409049.3	4667.60010	299.12	68.83	48.834400	-86.931472	56199.36	56250.4	-0.42	56198.94	56204.40625	56200.61518	56203.00781	505028.9	5409049.3
L5030.0	505028.9	5409049.7	4667.70020	301.79	67.58	48.834403	-86.931472	56199.14	56250.4	-0.43	56198.72	56204.21484	56200.82018	56203.19531	505028.9	5409049.7
L5030.0	505028.9	5409049.7	4667.79981	301.16	67.58	48.834403	-86.931472	56198.86	56250.4	-0.44	56198.42	56203.94141	56200.08762	56202.44531	505028.9	5409049.7
L5030.0	505028.9	5409050.1	4667.89990	302.10	69.12	48.834407	-86.931472	56198.63	56250.4	-0.44	56198.18	56203.73047	56200.04617	56202.38672	505028.9	5409050.1
L5030.0	505028.9	5409050.1	4668.00000	302.18	69.12	48.834407	-86.931472	56198.41	56250.4	-0.45	56197.96	56203.53516	56200.28810	56202.60938	505028.9	5409050.1
L5030.0	505028.9	5409050.5	4668.10010	302.19	70.26	48.834410	-86.931472	56198.13	56250.5	-0.46	56197.67	56203.27344	56199.48418	56201.78906	505028.9	5409050.5
L5030.0	505028.9	5409050.8	4668.20020	305.83	70.26	48.834413	-86.931472	56197.96	56250.5	-0.46	56197.50	56203.12891	56200.49529	56202.78516	505028.9	5409050.8
L5030.0	505028.9	5409051.1	4668.29981	305.65	71.11	48.834416	-86.931472	56197.67	56250.5	-0.47	56197.20	56202.85547	56199.37133	56201.64453	505028.9	5409051.1
L5030.0	505028.9	5409051.5	4668.39990	304.16	71.11	48.834419	-86.931472	56197.49	56250.5	-0.48	56197.01	56202.69141	56200.05500	56202.31250	505028.9	5409051.5
L5030.0	505028.9	5409051.5	4668.50000	303.16	72.29	48.834419	-86.931472	56197.21	56250.5	-0.49	56196.73	56202.43750	56199.07835	56201.32031	505028.9	5409051.5
L5030.0	505028.9	5409051.9	4668.60010	303.35	72.29	48.834423	-86.931472	56196.98	56250.5	-0.49	56196.49	56202.22656	56198.76109	56200.99219	505028.9	5409051.9
L5030.0	505028.9	5409052.2	4668.70020	303.84	73.81	48.834426	-86.931472	56196.78	56250.5	-0.50	56196.28	56202.03906	56199.00810	56201.22266	505028.9	5409052.2
L5030.0	505028.9	5409052.5	4668.79981	305.19	74.33	48.834429	-86.931472	56196.59	56250.5	-0.51	56196.08	56201.86719	56199.48702	56201.69141	505028.9	5409052.5
L5030.0	505028.9	5409052.5	4668.89990	305.17	74.33	48.834429	-86.931472	56196.35	56250.5	-0.51	56195.84	56201.65234	56199.15994	56201.35156	505028.9	5409052.5
L5030.0	505028.9	5409052.9	4669.00000	304.73	74.27	48.834432	-86.931472	56196.15	56250.5	-0.52	56195.63	56201.46484	56199.53843	56201.71875	505028.9	5409052.9
L5030.0	505028.9	5409053.2	4669.10010	304.32	74.2	48.834435	-86.931472	56195.86	56250.5	-0.53	56195.33	56201.19141	56197.94029	56200.10938	505028.9	5409053.2
L5030.0	505028.9	5409053.5	4669.20020	306.65	74.2	48.834437	-86.931472	56195.66	56250.5	-0.54	56195.13	56201.01563	56198.71872	56200.87891	505028.9	5409053.5
L5030.0	505028.9	5409053.8	4669.29981	307.24	74.53	48.834440	-86.931472	56195.42	56250.5	-0.54	56194.88	56200.78906	56198.41688	56200.56641	505028.9	5409053.8
L5030.0	505028.9	5409054.1	4669.39990	307.54	74.49	48.834443	-86.931472	56195.20	56250.6	-0.55	56194.64	56200.57422	56198.43884	56200.57813	505028.9	5409054.1
L5030.0	505028.9	5409054.1	4669.50000	306.15	74.49	48.834443	-86.931472	56194.93	56250.6	-0.56	56194.37	56200.32813	56197.74577	56199.87891	505028.9	5409054.1
L5030.0	505028.9	5409054.5	4669.60010	307.19	75.08	48.834446	-86.931472	56194.74	56250.6	-0.57	56194.17	56200.15234	56198.92383	56201.05078	505028.9	5409054.5
L5030.0	505028.9	5409054.7	4669.70020	306.66	75.56	48.834448	-86.931472	56194.54	56250.6	-0.58	56193.96	56199.96484	56199.88578	56202.00781	505028.9	5409054.7
L5030.0	505028.9	5409055.0	4669.79981	306.60	75.56	48.834451	-86.931472	56194.25	56250.6	-0.58	56193.67	56199.69531	56198.55294	56200.66797	505028.9	5409055.0
L5030.0	505028.9	5409055.0	4669.89990	305.57	77.12	48.834451	-86.931472	56194.00	56250.6	-0.59	56193.41	56199.46094	56197.91776	56200.02734	505028.9	5409055.0
L5030.0	505028.9	5409055.4	4670.00000	305.27	77.86	48.834455	-86.931471	56193.81	56250.6	-0.60	56193.21	56199.28125	56199.67231	56201.78125	505028.9	5409055.4
L5030.0	505028.9	5409055.8	4670.10010	306.63	76.89	48.834458	-86.931471	56193.54	56250.6	-0.60	56192.94	56199.03516	56199.43876	56201.54297	505028.9	5409055.8
L5030.0	505029.0	5409056.1	4670.20020	307.04	76.89	48.834461	-86.931471	56193.26	56250.6	-0.61	56192.65	56198.76953	56198.89435	56200.99609	505029.0	5409056.1
L5030.0	505029.0	5409056.1	4670.29981	307.67	78.11	48.834461	-86.931471	56193.07	56250.6	-0.61	56192.46	56198.60156	56199.77919	56201.88281	505029.0	5409056.1
L5030.0	505029.0	5409056.5	4670.39990	307.75	78.11	48.834465	-86.931471	56192.81	56250.6	-0.62	56192.19	56198.35156	56199.47186	56201.57422	505029.0	5409056.5
L5030.0	505029.0	5409057.0	4670.50000	310.43	75.78	48.834469	-86.931471	56192.59	56250.6	-0.62	56191.97	56198.15234	56199.89183	56201.99609	505029.0	5409057.0
L5030.0	505029.0	5409057.4	4670.60010	309.55	75.78	48.834472	-86.931471	56192.34	56250.6	-0.62	56191.71	56197.91406	56199.64367	56201.75000	505029.0	5409057.4
L5030.0	505029.0	5409057.4	4670.70020	311.34	76.03	48.834472	-86.931471	56192.09	56250.6	-0.63	56191.47	56197.69531	56199.65152	56201.76172	505029.0	5409057.4
L5030.0	505029.0	5409057.7	4670.79981	313.53	77.31	48.834475	-86.931471	56191.81	56250.6	-0.63	56191.17	56197.41797	56198.57617	56200.69141	505029.0	5409057.7
L5030.0	505029.0	5409058.1	4670.89990	313.87	77.31	48.834479	-86.931471	56191.65	56250.6	-0.64	56191.01	56197.28125	56199.78149	56201.90234	505029.0	5409058.1
L5030.0	505029.0	5409058.1	4671.00000	314.22	80.35	48.834479	-86.931471	56191.37	56250.6	-0.64	56190.73	56197.01953	56198.83202	56200.95703	505029.0	5409058.1
L5030.0	505029.0	5409058.5	4671.10010	312.42	80.35	48.834482	-86.931471	56191.20	56250.6	-0.65	56190.55	56196.85938	56199.53315	56201.66797	505029.0	5409058.5
L5030.0	505029.0	5409058.9	4671.20020	311.41	81.69	48.834486	-86.931471	56190.85	56250.7	-0.66	56190.19	56196.52344	56196.85655	56199.00000	505029.0	5409058.9
L5030.0	505029.0	5409059.3	4671.29981	312.76	81.69	48.834490	-86.931471	56190.66	56250.7	-0.66	56190.00	56196.35156	56197.11979	56199.27344	505029.0	5409059.3
L5030.0	505029.0	5409059.3	4671.39990	313.27	82.48	48.834490	-86.931471	56190.33	56250.7	-0.67	56189.66	56196.03125	56194.43475	56196.59766	505029.0	5409059.3
L5030.0	505029.0	5409059.7	4671.50000	312.92	82.48	48.834493	-86.931471	56189.91	56250.7	-0.68	56189.23	56195.62109	56189.82541	56192.00000	505029.0	5409059.7
L5030.0	505029.0	5409060.0	4671.60010	313.43	79.26	48.834496	-86.931471	56189.45	56250.7	-0.69	56188.76	56195.17188	56184.20476	56186.39453	505029.0	5409060.0
L5030.0	505029.0	5409060.0	4671.70020	313.81	78.24	48.834496	-86.931471	56189.06	56250.7	-0.70	56188.36	56194.79297	56179.70842	56181.91016	505029.0	5409060.0
L5030.0	505029.0	5409060.3	4671.79981	312.25	78.24	48.834499	-86.931470	56188.77	56250.7	-0.70	56188.06	56194.51172	56176.97628	56179.19531	505029.0	5409060.3
L5030.0	505029.0	5409060.7	4671.89990	310.58	84.42	48.834502	-86.931470	56188.46	56250.7	-0.71	56187.75	56194.22266	56173.89838	56176.13281	505029.0	5409060.7
L5030.0	505029.0	5409061.0	4672.00000	309.81	84.42	48.834504	-86.931470	56188.32	56250.7	-0.72	56187.60	56194.08984	56173.82541	56176.07813	505029.0	5409061.0
L5030.0	505029.0	5409061.0	4672.10010	313.03	79.9	48.834504	-86.931470	56188.13	56250.7	-0.73	56187.40	56193.91016	56172.64812	56174.91797	505029.0	5409061.0
L5030.0	505029.0	5409061.3	4672.20020	313.05	85.28	48.834507	-86.931470	56188.03	56250.7	-0.74	56187.29	56193.82031	56173.11655	56175.40625	505029.0	5409061.3
L5030.0	505029.0	5409061.5	4672.29981	312.30	85.29	48.834509	-86.931470	56188.03	56250.7	-0.75	56187.28	56193.82813	56175.41614	56177.72656	505029.0	5409061.5
L5030.0	505029.0	5409061.8	4672.39990	311.12	85.29	48.834512	-86.931470	56188.26	56250.8	-0.76	56187.50	56194.06641	56182.04903	56184.38281	505029.0	5409061.8
L5030.0	505029.0	5409062.0	4672.50000	312.46	85.49	48.834514	-86.931470	56188.54	56250.8	-0.76	56187.77	56194.35547	56189.45160	56191.80859	505029.0	5409062.0
L5030.0	505029.0	5409062.2	4672.60010	313.00	85.49	48.834515	-86.931470	56188.89	56250.8	-0.77	56188.12	56194.72656	56198.16882	56200.55078	505029.0	5409062.2
L5030.0	505029.0	5409062.4	4672.70020	312.61	81.47	48.834517	-86.931470	56189.18	56250.8	-0.78	56188.39	56195.01563	56205.10842	56207.51563	505029.0	5409062.4
L5030.0	505029.0	5409062.4	4672.79981	313.85	82.9	48.834517	-86.931470	56189.25	56250.8	-0.79	56188.45	56195.09375	56207.84590	56210.28125	505029.0	5409062.4
L5030.0	505029.0	5409062.7	4672.89990	314.73	82.9	48.834520	-86.931470	56189.25	56250.8	-0.80	56188.45	56195.11328	56209.30029	56211.76172	505029.0	5409062.7
L5030.0	505029.0	5409062.9	4673.00000	313.20	81.99	48.834522	-86.931470	56189.08	56250.8	-0.81	56188.27	56194.94922	56207.28531	56209.77734	505029.0	5409062.9
L5030.0	505029.0	5409063.1	4673.10010	311.54	83.5	48.834524	-86.931470	56188.96	56250.8	-0.82	56188.15	56194.84766	56206.32296	56208.84375	505029.0	5409063.1
L5030.0	505029.0	5409063.4	4673.20020	311.57	83.5	48.834526	-86.931470	56188.77	56250.8	-0.82	56187.94	56194.65625	56203.66003	56206.21484	505029.0	5409063.4
L5030.0	505029.0	5409063.4	4673.29981	311.28	80.27	48.834526	-86.931470	56188.54	56250.8	-0.83	56187.71	56194.44531	56200.61987	56203.20703	505029.0	5409063.4
L5030.0	505029.0	5409063.7	4673.39990	311.07	80.97	48.834529	-86.931470	56188.32	56250.8	-0.83	56187.49	56194.24219	56197.76058	56200.37891	505029.0	5409063.7
L5030.0	505029.0	5409064.0	4673.50000	309.97	80.97	48.834532	-86.931470	56188.16	56250.8	-0.84	56187.32	56194.09375	56195.79707	56198.45313	505029.0	5409064.0
L5030.0	505029.0	5409064.0	4673.60010	308.74	84.07	48.834532	-86.931470	56188.03	56250.8	-0.85	56187.18	56193.96875	56194.36291	56197.05469	505029.0	5409064.0
L5030.0	505029.0	5409064.4	4673.70020	311.76	84.07	48.834536	-86.931470	56187.90	56250.9	-0.85	56187.05	56193.85938	56193.10535	56195.83203	505029.0	5409064.4
L5030.0	505029.0	5409064.9	4673.79981	310.34	84.05	48.834540	-86.931471	56187.75	56250.9	-0.86	56186.89	56193.71875	56191.33738	56194.10156	505029.0	5409064.9
L5030.0	505029.0	5409065.2	4673.89990	309.00	84.05	48.834543	-86.931471	56187.74	56250.9	-0.86	56186.87	56193.71484	56191.99213	56194.79688	505029.0	5409065.2
L5030.0	505029.0	5409065.2	4674.00000	309.09	81.55	48.834543	-86.931471	56187.63	56250.9	-0.87	56186.75	56193.61328	56190.93884	56193.78516	505029.0	5409065.2
L5030.0	505029.0	5409065.6	4674.10010	309.78	81.55	48.834546	-86.931471	56187.63	56250.9	-0.87	56186.75	56193.63281	56191.93727	56194.82422	505029.0	5409065.6
L5030.0	505029.0	5409066.0	4674.20020	312.35	84.66	48.834550	-86.931471	56187.51	56250.9	-0.88	56186.63	56193.53125	56190.92630	56193.85547	505029.0	5409066.0
L5030.0	505028.9	5409066.5	4674.29981	312.78	86	48.834554	-86.931471	56187.47	56250.9	-0.88	56186.59	56193.51172	56191.28589	56194.25781	505028.9	5409066.5
L5030.0	505028.9	5409066.8	4674.39990	310.61	86	48.834557	-86.931472	56187.41	56250.9	-0.89	56186.52	56193.45703	56191.17302	56194.19141	505028.9	5409066.8
L5030.0	505028.9	5409066.8	4674.50000	309.33	82.57	48.834557	-86.931472	56187.32	56250.9	-0.89	56186.43	56193.38672	56190.76463	56193.82813	505028.9	5409066.8
L5030.0	505028.9	5409067.4	4674.60010	310.60	80.93	48.834562	-86.931472	56187.28	56250.9	-0.89	56186.38	56193.35547	56191.05842	56194.16797	505028.9	5409067.4
L5030.0	505028.9	5409067.9	4674.70020	310.11	80.93	48.834567	-86.931472	56187.29	56250.9	-0.90	56186.39	56193.38672	56192.38343	56195.53906	505028.9	5409067.9
L5030.0	505028.9	5409067.9	4674.79981	308.96	81.39	48.834567	-86.931472	56187.18	56250.9	-0.90	56186.28	56193.29297	56191.77642	56194.98438	505028.9	5409067.9

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5030.0	505028.9	5409068.4	4674.89990	309.67	81.83	48.834571	-86.931472	56187.12	56250.9	-0.91	56186.21	56193.24219	56191.87970	56195.13672	505028.9	5409068.4
L5030.0	505028.8	5409068.9	4675.00000	309.78	81.83	48.834576	-86.931473	56187.08	56250.9	-0.91	56186.17	56193.22266	56192.53138	56195.83594	505028.8	5409068.9
L5030.0	505028.8	5409069.6	4675.10010	309.64	81.64	48.834582	-86.931473	56186.98	56250.9	-0.91	56186.07	56193.14453	56192.25119	56195.60938	505028.8	5409069.6
L5030.0	505028.8	5409069.6	4675.20020	311.24	81.64	48.834582	-86.931473	56186.95	56250.9	-0.92	56186.03	56193.12109	56193.02280	56196.43359	505028.8	5409069.6
L5030.0	505028.8	5409070.0	4675.29981	312.77	82.07	48.834586	-86.931473	56186.88	56250.9	-0.92	56185.95	56193.06250	56193.19603	56196.66016	505028.8	5409070.0
L5030.0	505028.8	5409070.5	4675.39990	311.16	82.53	48.834590	-86.931474	56186.73	56250.9	-0.93	56185.81	56192.94141	56192.43188	56195.94922	505028.8	5409070.5
L5030.0	505028.7	5409071.0	4675.50000	305.08	82.53	48.834595	-86.931474	56186.67	56250.9	-0.93	56185.74	56192.89453	56192.89769	56196.47266	505028.7	5409071.0
L5030.0	505028.7	5409071.6	4675.60010	302.66	82.46	48.834600	-86.931474	56186.54	56250.9	-0.93	56185.61	56192.78125	56192.42184	56196.05078	505028.7	5409071.6
L5030.0	505028.7	5409072.1	4675.70020	309.14	80.74	48.834605	-86.931475	56186.53	56250.9	-0.94	56185.59	56192.78516	56193.87122	56197.55859	505028.7	5409072.1
L5030.0	505028.7	5409072.1	4675.79981	310.23	80.74	48.834605	-86.931475	56186.36	56250.9	-0.94	56185.42	56192.63672	56192.84820	56196.59375	505028.7	5409072.1
L5030.0	505028.7	5409072.8	4675.89990	310.35	82.19	48.834611	-86.931475	56186.34	56250.9	-0.95	56185.39	56192.62500	56194.28512	56198.08984	505028.7	5409072.8
L5030.0	505028.6	5409073.5	4676.00000	307.40	82.85	48.834617	-86.931475	56186.16	56250.9	-0.95	56185.21	56192.46875	56193.21969	56197.08594	505028.6	5409073.5
L5030.0	505028.6	5409074.0	4676.10010	308.03	82.85	48.834621	-86.931476	56186.14	56251	-0.95	56185.19	56192.46875	56195.00052	56198.92578	505028.6	5409074.0
L5030.0	505028.6	5409074.5	4676.20020	310.45	83.9	48.834627	-86.931476	56186.02	56251	-0.95	56185.07	56192.37109	56195.12849	56199.11719	505028.6	5409074.5
L5030.0	505028.6	5409075.1	4676.29981	311.84	83.81	48.834632	-86.931476	56185.92	56251	-0.96	56184.96	56192.28516	56195.51394	56199.56250	505028.6	5409075.1
L5030.0	505028.6	5409075.7	4676.39990	311.73	85	48.834637	-86.931476	56185.82	56251	-0.96	56184.86	56192.20703	56196.16480	56200.27734	505028.6	5409075.7
L5030.0	505028.6	5409075.7	4676.50000	311.50	85	48.834637	-86.931476	56185.69	56251	-0.96	56184.73	56192.10156	56196.36658	56200.54297	505028.6	5409075.7
L5030.0	505028.6	5409076.3	4676.60010	310.05	84.99	48.834643	-86.931476	56185.53	56251	-0.96	56184.57	56191.96484	56196.10637	56200.34766	505028.6	5409076.3
L5030.0	505028.6	5409077.1	4676.70020	311.88	84.26	48.834650	-86.931476	56185.35	56251	-0.96	56184.38	56191.79688	56195.37257	56199.67969	505028.6	5409077.1
L5030.0	505028.5	5409077.9	4676.79981	311.43	84.26	48.834657	-86.931477	56185.27	56251	-0.97	56184.31	56191.75000	56196.94619	56201.32031	505028.5	5409077.9
L5030.0	505028.5	5409078.6	4676.89990	310.73	84.25	48.834663	-86.931477	56185.17	56251	-0.97	56184.20	56191.66797	56197.89133	56202.33203	505028.5	5409078.6
L5030.0	505028.5	5409079.2	4677.00000	310.61	84.25	48.834668	-86.931477	56184.96	56251	-0.97	56183.99	56191.48047	56197.04692	56201.55469	505028.5	5409079.2
L5030.0	505028.5	5409079.2	4677.10010	311.36	83.5	48.834668	-86.931477	56184.81	56251	-0.97	56183.83	56191.34766	56197.24041	56201.81641	505028.5	5409079.2
L5030.0	505028.5	5409080.1	4677.20020	312.71	83.5	48.834677	-86.931477	56184.54	56251	-0.98	56183.56	56191.10156	56195.39242	56200.03516	505028.5	5409080.1
L5030.0	505028.5	5409081.0	4677.29981	312.90	83.49	48.834684	-86.931477	56184.45	56251	-0.99	56183.46	56191.02734	56196.94330	56201.65625	505028.5	5409081.0
L5030.0	505028.5	5409081.7	4677.39990	313.46	83.49	48.834691	-86.931478	56184.16	56251	-0.99	56183.17	56190.76563	56194.84595	56199.62891	505028.5	5409081.7
L5030.0	505028.5	5409081.7	4677.50000	311.80	85	48.834691	-86.931478	56183.98	56251	-0.99	56182.99	56190.61328	56195.00923	56199.86328	505028.5	5409081.7
L5030.0	505028.5	5409082.4	4677.60010	312.03	86.82	48.834697	-86.931478	56183.81	56251	-1.00	56182.81	56190.46094	56195.26862	56200.19531	505028.5	5409082.4
L5030.0	505028.5	5409083.2	4677.70020	312.51	86.82	48.834705	-86.931478	56183.54	56251	-1.00	56182.54	56190.21875	56193.78894	56198.78906	505028.5	5409083.2
L5030.0	505028.4	5409084.2	4677.79981	311.54	82.13	48.834713	-86.931478	56183.36	56251	-1.01	56182.35	56190.05859	56194.02184	56199.09375	505028.4	5409084.2
L5030.0	505028.4	5409084.2	4677.89990	313.19	83.07	48.834713	-86.931478	56183.07	56251	-1.01	56182.06	56189.79688	56192.29442	56197.43750	505028.4	5409084.2
L5030.0	505028.4	5409084.9	4678.00000	314.80	86.17	48.834720	-86.931478	56182.90	56251	-1.02	56181.88	56189.64844	56192.91602	56198.13672	505028.4	5409084.9
L5030.0	505028.4	5409085.9	4678.10010	313.64	86.17	48.834728	-86.931478	56182.62	56251	-1.02	56181.60	56189.39844	56191.57425	56196.86719	505028.4	5409085.9
L5030.0	505028.4	5409086.7	4678.20020	315.55	85.28	48.834736	-86.931478	56182.39	56251	-1.02	56181.37	56189.19922	56191.35360	56196.72266	505028.4	5409086.7
L5030.0	505028.4	5409087.5	4678.29981	315.76	85.28	48.834743	-86.931479	56182.20	56251	-1.02	56181.18	56189.03906	56192.04482	56197.48828	505028.4	5409087.5
L5030.0	505028.4	5409087.5	4678.39990	312.48	88.3	48.834743	-86.931479	56182.01	56251	-1.02	56180.99	56188.88281	56192.82159	56198.34375	505028.4	5409087.5
L5030.0	505028.3	5409089.2	4678.50000	313.84	88.3	48.834759	-86.931479	56181.73	56251	-1.02	56180.71	56188.63281	56191.87367	56197.47266	505028.3	5409089.2
L5030.0	505028.3	5409089.2	4678.60010	314.97	86.68	48.834759	-86.931479	56181.43	56251	-1.02	56180.41	56188.36719	56190.64318	56196.31641	505028.3	5409089.2
L5030.0	505028.3	5409090.2	4678.70020	314.99	76.24	48.834768	-86.931479	56181.20	56251	-1.02	56180.18	56188.17188	56190.91326	56196.66406	505028.3	5409090.2
L5030.0	505028.3	5409091.1	4678.79981	314.13	76.24	48.834775	-86.931480	56180.90	56251	-1.02	56179.88	56187.90625	56189.92272	56195.75391	505028.3	5409091.1
L5030.0	505028.3	5409092.0	4678.89990	313.85	86.15	48.834783	-86.931480	56180.68	56251	-1.02	56179.66	56187.72266	56190.59217	56196.50000	505028.3	5409092.0
L5030.0	505028.3	5409092.0	4679.00000	313.14	86.15	48.834783	-86.931480	56180.39	56251	-1.02	56179.38	56187.47656	56190.21750	56196.20703	505028.3	5409092.0
L5030.0	505028.3	5409093.0	4679.10010	310.25	81.75	48.834793	-86.931480	56180.16	56251	-1.02	56179.14	56187.27344	56190.70458	56196.77344	505028.3	5409093.0
L5030.0	505028.2	5409094.0	4679.20020	307.51	79.17	48.834802	-86.931480	56179.84	56251	-1.03	56178.81	56186.98047	56189.63468	56195.78125	505028.2	5409094.0
L5030.0	505028.2	5409094.9	4679.29981	310.26	79.17	48.834809	-86.931481	56179.58	56251	-1.03	56178.54	56186.74609	56189.79131	56196.01953	505028.2	5409094.9
L5030.0	505028.2	5409094.9	4679.39990	309.87	82.54	48.834809	-86.931481	56179.28	56251	-1.04	56178.24	56186.48438	56189.51942	56195.82813	505028.2	5409094.9
L5030.0	505028.2	5409096.0	4679.50000	307.74	82.54	48.834820	-86.931481	56179.01	56251	-1.04	56177.96	56186.24609	56189.71960	56196.10938	505028.2	5409096.0
L5030.0	505028.2	5409096.8	4679.60010	307.64	85.76	48.834827	-86.931481	56178.62	56251	-1.05	56177.57	56185.89453	56188.11491	56194.58594	505028.2	5409096.8
L5030.0	505028.2	5409097.8	4679.70020	306.58	85.57	48.834835	-86.931481	56178.32	56251.1	-1.06	56177.27	56185.63281	56188.21167	56194.76563	505028.2	5409097.8
L5030.0	505028.2	5409098.8	4679.79981	306.95	85.57	48.834845	-86.931481	56177.99	56251.1	-1.06	56176.93	56185.33594	56187.74543	56194.38281	505028.2	5409098.8
L5030.0	505028.2	5409100.0	4679.89990	307.38	84.83	48.834855	-86.931482	56177.73	56251.1	-1.07	56176.66	56185.10547	56188.58405	56195.30078	505028.2	5409100.0
L5030.0	505028.2	5409100.0	4680.00000	309.83	85.89	48.834855	-86.931482	56177.38	56251.1	-1.07	56176.31	56184.80078	56188.20281	56195.00391	505028.2	5409100.0
L5030.0	505028.1	5409101.0	4680.10010	310.32	85.89	48.834865	-86.931482	56176.94	56251.1	-1.07	56175.87	56184.40234	56186.48177	56193.36719	505028.1	5409101.0
L5030.0	505028.1	5409101.8	4680.20020	310.98	87.41	48.834872	-86.931482	56176.68	56251.1	-1.07	56175.61	56184.18750	56187.84873	56194.81641	505028.1	5409101.8
L5030.0	505028.1	5409103.0	4680.29981	311.36	87.41	48.834882	-86.931482	56176.21	56251.1	-1.07	56175.15	56183.76953	56186.10332	56193.15625	505028.1	5409103.0
L5030.0	505028.1	5409103.0	4680.39990	311.22	85.51	48.834882	-86.931482	56175.85	56251.1	-1.07	56174.78	56183.44531	56185.95909	56193.09375	505028.1	5409103.0
L5030.0	505028.1	5409105.0	4680.50000	311.49	86.73	48.834901	-86.931482	56175.50	56251.1	-1.06	56174.44	56183.15234	56186.42959	56193.64844	505028.1	5409105.0
L5030.0	505028.1	5409105.0	4680.60010	310.21	86.34	48.834901	-86.931482	56175.11	56251.1	-1.06	56174.04	56182.79688	56186.07950	56193.38281	505028.1	5409105.0
L5030.0	505028.1	5409106.2	4680.70020	309.92	86.34	48.834911	-86.931482	56174.73	56251.1	-1.06	56173.66	56182.46484	56186.17826	56193.56641	505028.1	5409106.2
L5030.0	505028.1	5409107.2	4680.79981	307.40	84.88	48.834921	-86.931482	56174.27	56251.1	-1.06	56173.21	56182.06250	56185.30995	56192.78125	505028.1	5409107.2
L5030.0	505028.1	5409107.2	4680.89990	309.33	86.84	48.834921	-86.931482	56173.84	56251.1	-1.06	56172.78	56181.67969	56184.88890	56192.44531	505028.1	5409107.2
L5030.0	505028.1	5409108.6	4681.00000	307.17	86.84	48.834933	-86.931482	56173.33	56251.1	-1.06	56172.27	56181.21875	56183.36081	56191.00391	505028.1	5409108.6
L5030.0	505028.1	5409109.6	4681.10010	306.89	84.95	48.834942	-86.931482	56172.76	56251.1	-1.06	56171.70	56180.69922	56181.05273	56188.78125	505028.1	5409109.6
L5030.0	505028.1	5409109.6	4681.20020	309.68	86.31	48.834942	-86.931482	56172.31	56251.1	-1.06	56171.24	56180.28906	56180.56989	56188.38281	505028.1	5409109.6
L5030.0	505028.1	5409110.8	4681.29981	299.71	84.35	48.834953	-86.931482	56171.84	56251.1	-1.07	56170.77	56179.87109	56180.06409	56187.96484	505028.1	5409110.8
L5030.0	505028.1	5409112.0	4681.39990	300.10	84.35	48.834964	-86.931482	56171.41	56251.1	-1.07	56170.35	56179.50000	56180.43532	56188.42188	505028.1	5409112.0
L5030.0	505028.1	5409112.8	4681.50000	305.93	80.73	48.834971	-86.931482	56170.92	56251.1	-1.07	56169.85	56179.05469	56179.73669	56187.80859	505028.1	5409112.8
L5030.0	505028.1	5409113.9	4681.60010	307.84	80.73	48.834981	-86.931482	56170.47	56251.1	-1.07	56169.40	56178.65625	56179.90894	56188.06641	505028.1	5409113.9
L5030.0	505028.1	5409114.9	4681.70020	309.81	88.71	48.834990	-86.931482	56169.98	56251.1	-1.07	56168.90	56178.21094	56179.47836	56187.72266	505028.1	5409114.9
L5030.0	505028.1	5409114.9	4681.79981	310.78	89.29	48.834990	-86.931482	56169.41	56251.1	-1.08	56168.33	56177.69141	56178.17593	56186.50391	505028.1	5409114.9
L5030.0	505028.1	5409116.4	4681.89990	308.59	90.08	48.835003	-86.931482	56168.93	56251.1	-1.08	56167.86	56177.27734	56178.46485	56186.87891	505028.1	5409116.4
L5030.0	505028.1	5409117.7	4682.00000	307.83	90.08	48.835015	-86.931481	56168.30	56251.1	-1.08	56167.22	56176.69141	56176.45537	56184.95703	505028.1	5409117.7
L5030.0	505028.2	5409118.8	4682.10010	307.81	87.36	48.835024	-86.931481	56167.75	56251.1	-1.08	56166.67	56176.19922	56175.88353	56184.47266	505028.2	5409118.8
L5030.0	505028.2	5409118.8	4682.20020	307.77	87.36	48.835024	-86.931481	56167.23	56251.1	-1.08	56166.15	56175.73438	56175.88162	56184.55469	505028.2	5409118.8
L5030.0	505028.2	5409120.1	4682.29981	307.27	82.95	48.835036	-86.931481	56166.61	56251.1	-1.09	56165.53	56175.17188	56174.58139	56183.33984	505028.2	5409120.1
L5030.0	505028.2	5409120.1	4682.39990	306.36	82.95	48.835036	-86.931481	56166.03	56251.1	-1.09	56164.94	56174.63672	56173.84055	56182.68750	505028.2	5409120.1
L5030.0	505028.2	5409121.6	4682.50000	307.88	90.65	48.835050	-86.931480	56165.44	56251.1	-1.09	56164.35	56174.10547	56173.22320	56182.15625	505028.2	5409121.6
L5030.0	505028.2	5409122.7	4682.60010	307.45	86.96	48.835060	-86.931480	56164.86	56251.1	-1.09	56163.77	56173.58203	56172.86828	56181.88672	505028.2	5409122.7
L5030.0	505028.3	5409123.6	4682.70020	308.25	86.37	48.835068	-86.931480	56164.21	56251.1	-1.09	56163.11	56172.98047	56171.45368	56180.55469	505028.3	5409123.6
L5030.0	505028.3	5409124.7	4682.79981	308.18	86.37	48.835078	-86.931479	56163.59	56251.1	-1.10	56162.49	56172.41797	56170.72861	56179.91797	505028.3	5409124.7
L5030.0	505028.3	5409124.7	4682.89990	306.91	92.05	48.835078	-86.931479	56162.94	56251.1	-1.10	56161.84	56171.82813	56169.66338	56178.93750	505028.3	5409124.7
L5030.0	505028.3	5409126.2	4683.00000	308.37	92.24	48.835091	-86.931479	56162.34	56251.1	-1.10	56161.24	56171.28516	56169.43921	56178.79688	505028.3	5409126.2
L5030.0	505028.4	5409127.4	4683.10010	308.41	92.24	48.835102	-86.931479	56161.80	56251.1	-1.10	56160.70	56170.80469	56170.20932	56179.65234	505028.4	5409127.4
L5030.0	505028.4	5409128.8	4683.20020	299.66	92.15	48.835114	-86.931478	56161.07	56251.1	-1.10	56159.97	56170.13672	56168.24803	56177.77734	505028.4	5409128.8
L5030.0	505028.4	5409128.8	4683.29981	299.54	92.03	48.835114	-86.931478	56160.50	56251.1	-1.10	56159.40	56169.62500	56168.76538	56178.37891	505028.4	5409128.8
L5030.0	505028.4	5409130.1	4683.39990	309.61	92.03	48.835126	-86.931478	56159.82	56251.1	-1.10	56158.72	56169.00391	56167.73555	56177.43359	505028.4	5409130.1
L5030.0	505028.4	5409131.3	4683.50000	312.47	92.03	48.835137	-86.931477	56159.14	56251.1	-1.10	56158.04	56168.38672	56166.79853	56176.57813	505028.4	5409131.3
L5030.0	505028.5	5409132.4	4683.60010	312.36	91.96	48.835147	-86.931477	56158.46	56251.1	-1.10	56157.36	56167.76563	56165.95395	56175.82031	505028.5	5409132.4
L5030.0	505028.5	5409132.4	4683.70020	311.39	91.96	48.835147	-86.931477	56157.78	56251.1	-1.10	56156.68	56167.14844	56165.20135	56175.14844	505028.5	5409132.4
L5030.0	505028.5	5409133.4	4683.79981	310.93	91.95	48.835156	-86.931477	56157.10	56251.1	-1.10	56156.00	56166.52734	56164.53997	56174.57031	505028.5	5409133.4
L5030.0	505028.5	5409134.9	4683.89990	310.88	91.95	48.835170	-86.931476	56156.42	56251.1	-1.10	56155.32	56165.90625	56163.96902	56174.08203	505028.5	5409134.9
L5030.0	505028.6	5409136.4	4684.00000	308.83	91.83	48.835183	-86.931475	56155.65	56251.1	-1.10	56154.55	56165.19922	56162.18366	56172.37891	505028.6	5409136.4
L5030.0	505028.6	5409136.4	4684.10010	308.47	91.84	48.835183	-86.931475	56155.05	56251.1	-1.10	56153.95	56164.66016	56162.95067	56173.22656	505028.6	5409136.4

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5030.0	505028.6	5409137.7	4684.20020	308.94	91.84	48.835195	-86.931475	56154.32	56251.1	-1.10	56153.22	56163.98828	56161.93450	56172.29297	505028.6	5409137.7
L5030.0	505028.6	5409138.9	4684.29981	309.28	91.89	48.835206	-86.931474	56153.58	56251.1	-1.10	56152.48	56163.30859	56160.87798	56171.31641	505028.6	5409138.9
L5030.0	505028.7	5409140.2	4684.39990	306.49	91.72	48.835217	-86.931474	56152.86	56251.1	-1.10	56151.76	56162.64844	56160.20598	56170.72266	505028.7	5409140.2
L5030.0	505028.7	5409140.2	4684.50000	306.79	91.72	48.835217	-86.931474	56152.18	56251.1	-1.10	56151.08	56162.03125	56160.19120	56170.78906	505028.7	5409140.2
L5030.0	505028.7	5409141.4	4684.60010	305.68	91.76	48.835228	-86.931473	56151.40	56251.1	-1.09	56150.31	56161.32031	56159.03178	56169.70703	505028.7	5409141.4
L5030.0	505028.7	5409142.8	4684.70020	305.87	91.76	48.835241	-86.931473	56150.68	56251.1	-1.09	56149.59	56160.66016	56158.67323	56169.42969	505028.7	5409142.8
L5030.0	505028.8	5409143.9	4684.79981	302.94	91.74	48.835251	-86.931473	56149.86	56251.1	-1.09	56148.77	56159.89844	56157.06351	56167.89453	505028.8	5409143.9
L5030.0	505028.8	5409145.1	4684.89990	302.95	91.74	48.835261	-86.931472	56149.11	56251.1	-1.09	56148.01	56159.19531	56156.39685	56167.30469	505028.8	5409145.1
L5030.0	505028.8	5409145.1	4685.00000	306.09	91.75	48.835261	-86.931472	56148.27	56251.1	-1.09	56147.18	56158.42188	56154.90555	56165.89063	505028.8	5409145.1
L5030.0	505028.8	5409146.1	4685.10010	306.74	91.58	48.835270	-86.931472	56147.44	56251.1	-1.09	56146.34	56157.64063	56153.40433	56164.46484	505028.8	5409146.1
L5030.0	505028.9	5409147.3	4685.20020	307.24	91.58	48.835282	-86.931471	56146.74	56251.1	-1.10	56145.64	56157.00000	56153.93713	56165.07031	505028.9	5409147.3
L5030.0	505028.9	5409148.2	4685.29981	308.34	91.52	48.835289	-86.931471	56145.92	56251.1	-1.10	56144.82	56156.23438	56152.96762	56164.17578	505028.9	5409148.2
L5030.0	505028.9	5409149.6	4685.39990	307.36	91.5	48.835302	-86.931471	56145.08	56251.1	-1.11	56143.97	56155.44141	56151.71339	56162.99219	505028.9	5409149.6
L5030.0	505028.9	5409149.6	4685.50000	301.96	91.5	48.835302	-86.931471	56144.36	56251.1	-1.11	56143.25	56154.77344	56152.40418	56163.75781	505028.9	5409149.6
L5030.0	505028.9	5409151.0	4685.60010	304.38	91.5	48.835315	-86.931470	56143.41	56251.1	-1.11	56142.30	56153.87891	56149.99089	56161.41406	505028.9	5409151.0
L5030.0	505029.0	5409152.9	4685.70020	308.22	91.61	48.835332	-86.931470	56142.68	56251.1	-1.12	56141.56	56153.19141	56150.68074	56162.17188	505029.0	5409152.9
L5030.0	505029.0	5409154.0	4685.79981	307.83	91.61	48.835341	-86.931470	56141.79	56251.1	-1.12	56140.66	56152.34375	56149.19868	56160.75781	505029.0	5409154.0
L5030.0	505029.0	5409154.0	4685.89990	309.98	91.21	48.835341	-86.931470	56140.91	56251.1	-1.13	56139.78	56151.51563	56148.11174	56159.73828	505029.0	5409154.0
L5030.0	505029.0	5409155.2	4686.00000	312.32	91.21	48.835352	-86.931469	56140.02	56251.1	-1.13	56138.89	56150.67578	56146.98263	56158.67578	505029.0	5409155.2
L5030.0	505029.0	5409156.2	4686.10010	313.24	91.48	48.835361	-86.931469	56139.16	56251.1	-1.13	56138.03	56149.86328	56146.40993	56158.16797	505029.0	5409156.2
L5030.0	505029.0	5409156.2	4686.20020	314.67	91.49	48.835361	-86.931469	56138.25	56251.1	-1.13	56137.13	56149.01172	56145.34072	56157.16406	505029.0	5409156.2
L5030.0	505029.0	5409157.7	4686.29981	303.77	91.49	48.835375	-86.931469	56137.37	56251.1	-1.13	56136.24	56148.17188	56144.52469	56156.41016	505029.0	5409157.7
L5030.0	505029.0	5409159.0	4686.39990	303.10	91.19	48.835387	-86.931469	56136.48	56251.1	-1.13	56135.35	56147.32422	56143.80836	56155.75391	505029.0	5409159.0
L5030.0	505029.1	5409160.4	4686.50000	315.44	89.64	48.835399	-86.931469	56135.47	56251.1	-1.13	56134.35	56146.37109	56141.50456	56153.51172	505029.1	5409160.4
L5030.0	505029.1	5409161.2	4686.60010	312.97	89.34	48.835407	-86.931469	56134.56	56251.1	-1.12	56133.43	56145.49219	56140.52521	56152.58984	505029.1	5409161.2
L5030.0	505029.1	5409161.2	4686.70020	312.17	89.34	48.835407	-86.931469	56133.65	56251.1	-1.12	56132.53	56144.63281	56139.94541	56152.06641	505029.1	5409161.2
L5030.0	505029.1	5409162.8	4686.79981	309.31	91.25	48.835421	-86.931468	56132.71	56251.1	-1.12	56131.58	56143.72266	56138.70098	56150.87891	505029.1	5409162.8
L5030.0	505029.1	5409164.0	4686.89990	309.29	91.25	48.835431	-86.931468	56131.78	56251.1	-1.12	56130.66	56142.83984	56137.99867	56150.22656	505029.1	5409164.0
L5030.0	505029.1	5409165.2	4687.00000	311.50	91.3	48.835442	-86.931468	56130.76	56251.1	-1.12	56129.64	56141.85547	56135.91745	56148.19922	505029.1	5409165.2
L5030.0	505029.1	5409165.2	4687.10010	310.41	91.22	48.835442	-86.931468	56129.91	56251.1	-1.12	56128.79	56141.04297	56136.40216	56148.73438	505029.1	5409165.2
L5030.0	505029.1	5409166.9	4687.20020	308.13	91.22	48.835457	-86.931468	56128.87	56251.1	-1.11	56127.75	56140.03516	56134.24602	56146.62500	505029.1	5409166.9
L5030.0	505029.1	5409168.1	4687.29981	307.89	88.65	48.835468	-86.931468	56127.90	56251.1	-1.11	56126.79	56139.10547	56133.32596	56145.75391	505029.1	5409168.1
L5030.0	505029.1	5409169.6	4687.39990	307.95	90.13	48.835481	-86.931468	56127.00	56251.1	-1.11	56125.89	56138.23438	56133.94628	56146.41797	505029.1	5409169.6
L5030.0	505029.1	5409169.6	4687.50000	305.82	90.13	48.835481	-86.931468	56125.96	56251.1	-1.11	56124.85	56137.21875	56131.22363	56143.73828	505029.1	5409169.6
L5030.0	505029.1	5409171.1	4687.60010	306.14	90.95	48.835496	-86.931468	56124.92	56251.1	-1.10	56123.82	56136.21484	56129.11221	56141.66797	505029.1	5409171.1
L5030.0	505029.1	5409172.5	4687.70020	307.54	90.95	48.835508	-86.931468	56123.96	56251.1	-1.10	56122.86	56135.27734	56129.28815	56141.88281	505029.1	5409172.5
L5030.0	505029.1	5409173.6	4687.79981	304.47	90.85	48.835517	-86.931468	56122.88	56251.1	-1.10	56121.78	56134.21484	56126.32295	56138.95313	505029.1	5409173.6
L5030.0	505029.1	5409174.8	4687.89990	302.28	90.85	48.835529	-86.931467	56121.91	56251.1	-1.09	56120.81	56133.26563	56126.70660	56139.37109	505029.1	5409174.8
L5030.0	505029.1	5409174.8	4688.00000	302.00	90.99	48.835529	-86.931467	56120.80	56251.1	-1.09	56119.71	56132.17969	56123.77318	56136.47266	505029.1	5409174.8
L5030.0	505029.1	5409176.5	4688.10010	304.14	90.99	48.835544	-86.931467	56119.81	56251.1	-1.09	56118.72	56131.20313	56124.11052	56136.83984	505029.1	5409176.5
L5030.0	505029.1	5409176.5	4688.20020	304.75	90.92	48.835544	-86.931467	56118.70	56251.1	-1.09	56117.60	56130.09375	56121.16632	56133.92578	505029.1	5409176.5
L5030.0	505029.2	5409177.8	4688.29981	304.42	90.92	48.835555	-86.931467	56117.69	56251.1	-1.09	56116.60	56129.09766	56121.74449	56134.52734	505029.2	5409177.8
L5030.0	505029.2	5409179.0	4688.39990	302.76	88.41	48.835567	-86.931467	56116.65	56251.1	-1.09	56115.55	56128.05469	56121.22115	56134.03125	505029.2	5409179.0
L5030.0	505029.2	5409180.4	4688.50000	304.49	88.41	48.835579	-86.931467	56115.52	56251.1	-1.10	56114.42	56126.92578	56118.70681	56131.53906	505029.2	5409180.4
L5030.0	505029.2	5409181.6	4688.60010	304.85	89.02	48.835589	-86.931466	56114.47	56251.1	-1.10	56113.38	56125.88281	56118.96897	56131.82031	505029.2	5409181.6
L5030.0	505029.2	5409181.6	4688.70020	304.14	88.59	48.835589	-86.931466	56113.43	56251.1	-1.10	56112.34	56124.83984	56119.52678	56132.39453	505029.2	5409181.6
L5030.0	505029.2	5409183.1	4688.79981	306.43	90.37	48.835603	-86.931466	56112.22	56251.1	-1.10	56111.13	56123.62109	56115.26288	56128.14453	505029.2	5409183.1
L5030.0	505029.2	5409184.4	4688.89990	306.72	90.37	48.835615	-86.931466	56111.16	56251.1	-1.10	56110.06	56122.54297	56115.56931	56128.46094	505029.2	5409184.4
L5030.0	505029.2	5409185.7	4689.00000	307.42	90.89	48.835626	-86.931466	56110.04	56251.1	-1.10	56108.94	56121.41016	56114.44406	56127.34766	505029.2	5409185.7
L5030.0	505029.2	5409186.9	4689.10010	309.17	90.89	48.835638	-86.931466	56108.88	56251.1	-1.10	56107.78	56120.23047	56112.85122	56125.76172	505029.2	5409186.9
L5030.0	505029.2	5409186.9	4689.20020	310.81	90.79	48.835638	-86.931466	56107.73	56251.1	-1.10	56106.63	56119.06250	56111.48950	56124.40234	505029.2	5409186.9
L5030.0	505029.2	5409188.4	4689.29981	310.08	90.79	48.835651	-86.931466	56106.66	56251.1	-1.10	56105.56	56117.96875	56111.39675	56124.31250	505029.2	5409188.4
L5030.0	505029.2	5409189.7	4689.39990	312.03	90.04	48.835663	-86.931466	56105.50	56251.1	-1.10	56104.41	56116.78906	56110.24588	56123.16016	505029.2	5409189.7
L5030.0	505029.2	5409191.2	4689.50000	312.45	90.04	48.835676	-86.931466	56104.33	56251.1	-1.10	56103.23	56115.57813	56108.75778	56121.66797	505029.2	5409191.2
L5030.0	505029.2	5409191.2	4689.60010	312.52	90.56	48.835676	-86.931466	56103.17	56251.1	-1.09	56102.07	56114.38281	56107.67736	56120.57813	505029.2	5409191.2
L5030.0	505029.2	5409192.6	4689.70020	310.28	90.56	48.835688	-86.931466	56102.03	56251.1	-1.09	56100.93	56113.20703	56107.00957	56119.90234	505029.2	5409192.6
L5030.0	505029.2	5409193.8	4689.79981	311.07	90.54	48.835700	-86.931466	56100.87	56251.1	-1.09	56099.78	56112.01563	56106.30932	56119.18750	505029.2	5409193.8
L5030.0	505029.2	5409193.8	4689.89990	310.73	90.58	48.835700	-86.931466	56099.57	56251.1	-1.09	56098.48	56110.66797	56103.54819	56116.41016	505029.2	5409193.8
L5030.0	505029.2	5409195.8	4690.00000	310.84	90.76	48.835718	-86.931466	56098.42	56251.1	-1.09	56097.33	56109.46875	56103.09711	56115.94141	505029.2	5409195.8
L5030.0	505029.2	5409197.1	4690.10010	308.96	90.76	48.835729	-86.931467	56097.13	56251.1	-1.09	56096.04	56108.12500	56100.78303	56113.60547	505029.2	5409197.1
L5030.0	505029.2	5409198.4	4690.20020	306.54	89.66	48.835741	-86.931467	56096.01	56251.1	-1.09	56094.92	56106.94531	56100.99272	56113.78906	505029.2	5409198.4
L5030.0	505029.1	5409199.9	4690.29981	306.94	89.66	48.835755	-86.931467	56094.75	56251.1	-1.09	56093.66	56105.62500	56099.38277	56112.15234	505029.1	5409199.9
L5030.0	505029.1	5409199.9	4690.39990	306.40	90.49	48.835755	-86.931467	56093.48	56251.1	-1.09	56092.39	56104.28516	56096.77000	56109.50781	505029.1	5409199.9
L5030.0	505029.1	5409201.2	4690.50000	295.57	90.49	48.835766	-86.931467	56092.24	56251.1	-1.09	56091.15	56102.97656	56096.11228	56108.81641	505029.1	5409201.2
L5030.0	505029.1	5409202.6	4690.60010	293.91	90.47	48.835779	-86.931467	56090.92	56251.1	-1.09	56089.83	56101.58203	56093.50273	56106.16797	505029.1	5409202.6
L5030.0	505029.1	5409203.6	4690.70020	303.48	90.47	48.835788	-86.931467	56089.76	56251.1	-1.09	56088.67	56100.33984	56095.87409	56108.50000	505029.1	5409203.6
L5030.0	505029.1	5409203.6	4690.79981	302.61	90.68	48.835788	-86.931467	56088.29	56251.1	-1.09	56087.20	56098.78516	56089.86773	56102.44922	505029.1	5409203.6
L5030.0	505029.1	5409205.2	4690.89990	304.97	90.68	48.835802	-86.931467	56087.05	56251.1	-1.09	56085.96	56097.45703	56090.71864	56103.25391	505029.1	5409205.2
L5030.0	505029.1	5409206.7	4691.00000	305.19	87.64	48.835816	-86.931467	56085.74	56251.1	-1.09	56084.65	56096.05469	56090.00417	56102.48828	505029.1	5409206.7
L5030.0	505029.1	5409208.1	4691.10010	305.39	85.46	48.835828	-86.931467	56084.25	56251.1	-1.09	56083.16	56094.46875	56084.81627	56097.24609	505029.1	5409208.1
L5030.0	505029.1	5409209.2	4691.20020	307.96	85.46	48.835838	-86.931468	56082.96	56251.1	-1.08	56081.87	56093.07422	56085.41936	56097.79297	505029.1	5409209.2
L5030.0	505029.1	5409209.2	4691.29981	306.98	84.29	48.835838	-86.931468	56081.56	56251.1	-1.08	56080.48	56091.57813	56083.70916	56096.02344	505029.1	5409209.2
L5030.0	505029.1	5409210.9	4691.39990	306.85	84.29	48.835854	-86.931468	56080.15	56251.1	-1.08	56079.07	56090.05469	56081.83663	56094.08594	505029.1	5409210.9
L5030.0	505029.1	5409212.5	4691.50000	305.81	81.44	48.835868	-86.931468	56078.74	56251.1	-1.07	56077.66	56088.52734	56080.33634	56092.51563	505029.1	5409212.5
L5030.0	505029.1	5409212.5	4691.60010	306.14	84.9	48.835868	-86.931468	56077.37	56251.1	-1.07	56076.29	56087.03516	56080.30505	56092.41406	505029.1	5409212.5
L5030.0	505029.1	5409213.8	4691.70020	307.41	84.9	48.835880	-86.931467	56075.92	56251.1	-1.07	56074.85	56085.46875	56078.76286	56090.80078	505029.1	5409213.8
L5030.0	505029.1	5409215.4	4691.79981	308.68	86.78	48.835894	-86.931467	56074.48	56251.1	-1.07	56073.41	56083.89453	56077.62161	56089.58203	505029.1	5409215.4
L5030.0	505029.1	5409216.5	4691.89990	308.86	81.55	48.835904	-86.931467	56072.96	56251.1	-1.06	56071.90	56082.25000	56074.93599	56086.81250	505029.1	5409216.5
L5030.0	505029.1	5409217.6	4692.00000	309.34	85.15	48.835914	-86.931467	56071.52	56251.1	-1.06	56070.46	56080.66797	56074.65751	56086.44922	505029.1	5409217.6
L5030.0	505029.1	5409218.7	4692.10010	308.42	85.15	48.835924	-86.931467	56069.98	56251.1	-1.06	56068.93	56078.98828	56072.27674	56083.98047	505029.1	5409218.7
L5030.0	505029.1	5409218.7	4692.20020	307.44	87.07	48.835924	-86.931467	56068.48	56251	-1.05	56067.43	56077.33984	56071.24236	56082.85547	505029.1	5409218.7
L5030.0	505029.1	5409220.6	4692.29981	304.94	82.91	48.835941	-86.931467	56066.90	56251	-1.04	56065.85	56075.60156	56068.37775	56079.89453	505029.1	5409220.6
L5030.0	505029.1	5409221.8	4692.39990	304.96	82.91	48.835951	-86.931467	56065.30	56251	-1.04	56064.26	56073.84766	56065.73808	56077.15625	505029.1	5409221.8
L5030.0	505029.1	5409223.3	4692.50000	306.55	81.85	48.835965	-86.931467	56063.78	56251	-1.04	56062.74	56072.16016	56065.74891	56077.06641	505029.1	5409223.3
L5030.0	505029.1	5409224.5	4692.60010	306.63	81.85	48.835976	-86.931467	56062.14	56251	-1.03	56061.11	56070.35547	56063.06705	56074.28125	505029.1	5409224.5
L5030.0	505029.1	5409224.5	4692.70020	308.50	78.63	48.835976	-86.931467	56060.62	56251	-1.03	56059.60	56068.66797	56064.60542	56075.70703	505029.1	5409224.5
L5030.0	505029.1	5409226.3	4692.79981	307.25	82.36	48.835992	-86.931467	56058.98	56251	-1.02	56057.96	56066.84375	56062.85693	56073.84766	505029.1	5409226.3
L5030.0	505029.1	5409227.4	4692.89990	308.47	82.36	48.836002	-86.931467	56057.26	56251	-1.01	56056.24	56064.93750	56059.31783	56070.19141	505029.1	5409227.4
L5030.0	505029.2	5409229.0	4693.00000	309.82	85.87	48.836016	-86.931466	56055.61	56251	-1.01	56054.60	56063.10156	56058.82988	56069.58594	505029.2	5409229.0
L5030.0	505029.2	5409229.0	4693.10010	307.99	85.42	48.836016	-86.931466	56053.87	56251	-1.01	56052.86	56061.16406	56055.95418	56066.58594	505029.2	5409229.0
L5030.0	505029.2	5409230.7	4693.20020	309.81	85.42	48.836031	-86.931466	56052.10	56251	-1.01	56051.09	56059.18750	56052.81202	56063.31641	505029.2	5409230.7
L5030.0	505029.2	5409232.8	4693.29981	304.10	85.42	48.836051	-86.931466	56050.33	56251	-1.01	56049.33	56057.21875	56050.60748	56060.98438	505029.2	5409232.8
L5030.0	505029.2	5409232.8	4693.39990	302.63	85.05	48.836051	-86.931466	56048.61	56251	-1.01	56047.60	56055.27344	56049.92224	56060.16406	505029.2	5409232.8

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5030.0	505029.2	5409234.2	4693.50000	308.62	85.05	48.836063	-86.931466	56046.76	56251	-1.01	56045.75	56053.20313	56046.29519	56056.39844	505029.2	5409234.2
L5030.0	505029.2	5409234.2	4693.60010	308.47	84.32	48.836063	-86.931466	56044.94	56251	-1.00	56043.94	56051.16797	56044.48348	56054.44922	505029.2	5409234.2
L5030.0	505029.2	5409235.4	4693.70020	310.59	83.91	48.836074	-86.931465	56043.14	56251	-1.00	56042.14	56049.13672	56043.58248	56053.40234	505029.2	5409235.4
L5030.0	505029.2	5409236.8	4693.79981	307.96	83.91	48.836087	-86.931465	56041.35	56251	-1.00	56040.35	56047.11328	56043.58421	56053.25781	505029.2	5409236.8
L5030.0	505029.3	5409237.6	4693.89990	308.80	78.51	48.836093	-86.931465	56039.38	56251	-1.00	56038.37	56044.89063	56038.72162	56048.24609	505029.3	5409237.6
L5030.0	505029.3	5409239.2	4694.00000	307.76	78.51	48.836108	-86.931465	56037.50	56251	-1.00	56036.50	56042.77344	56037.69216	56047.06250	505029.3	5409239.2
L5030.0	505029.3	5409240.6	4694.10010	307.52	81.91	48.836120	-86.931465	56035.61	56251	-1.00	56034.61	56040.63281	56036.74693	56045.96094	505029.3	5409240.6
L5030.0	505029.3	5409242.0	4694.20020	303.19	81.91	48.836133	-86.931465	56033.58	56251	-0.99	56032.59	56038.35938	56032.76917	56041.82031	505029.3	5409242.0
L5030.0	505029.3	5409243.6	4694.29981	301.20	81.69	48.836148	-86.931465	56031.56	56251	-0.99	56030.57	56036.07813	56029.49686	56038.38672	505029.3	5409243.6
L5030.0	505029.3	5409243.6	4694.39990	301.17	81.69	48.836148	-86.931465	56029.61	56251	-0.98	56028.63	56033.87109	56029.23035	56037.95313	505029.3	5409243.6
L5030.0	505029.3	5409244.9	4694.50000	303.27	73.42	48.836159	-86.931465	56027.59	56251	-0.98	56026.61	56031.58203	56027.42382	56035.97656	505029.3	5409244.9
L5030.0	505029.2	5409246.5	4694.60010	304.74	73.42	48.836173	-86.931465	56025.46	56251	-0.98	56024.49	56029.18750	56023.50143	56031.88281	505029.2	5409246.5
L5030.0	505029.2	5409246.5	4694.70020	306.27	81.22	48.836173	-86.931465	56023.41	56251	-0.97	56022.44	56026.85547	56022.37712	56030.58203	505029.2	5409246.5
L5030.0	505029.2	5409248.1	4694.79981	307.50	73.26	48.836188	-86.931465	56021.34	56251	-0.97	56020.37	56024.50000	56021.49374	56029.51953	505029.2	5409248.1
L5030.0	505029.2	5409249.4	4694.89990	306.03	73.26	48.836200	-86.931465	56019.17	56251	-0.96	56018.20	56022.04297	56018.49166	56026.33594	505029.2	5409249.4
L5030.0	505029.2	5409250.8	4695.00000	307.09	73.13	48.836212	-86.931465	56016.94	56251	-0.96	56015.98	56019.52734	56014.80171	56022.46094	505029.2	5409250.8
L5030.0	505029.2	5409252.2	4695.10010	306.48	73.13	48.836225	-86.931465	56014.76	56251	-0.96	56013.80	56017.05078	56015.07601	56022.54688	505029.2	5409252.2
L5030.0	505029.2	5409252.2	4695.20020	308.13	77.08	48.836225	-86.931465	56012.48	56251	-0.96	56011.53	56014.47656	56012.08531	56019.36719	505029.2	5409252.2
L5030.0	505029.2	5409253.8	4695.29981	308.36	76.1	48.836239	-86.931465	56010.21	56251	-0.95	56009.26	56011.90234	56009.42685	56016.51172	505029.2	5409253.8
L5030.0	505029.2	5409255.6	4695.39990	308.25	76.1	48.836256	-86.931465	56007.91	56251	-0.95	56006.95	56009.28125	56006.54416	56013.43359	505029.2	5409255.6
L5030.0	505029.2	5409255.6	4695.50000	308.07	72.71	48.836256	-86.931465	56005.56	56250.9	-0.95	56004.61	56006.62500	56003.57374	56010.26563	505029.2	5409255.6
L5030.0	505029.3	5409257.2	4695.60010	308.16	72.71	48.836270	-86.931465	56003.18	56250.9	-0.95	56002.23	56003.92578	56000.36248	56006.85547	505029.3	5409257.2
L5030.0	505029.3	5409258.6	4695.70020	311.46	72.03	48.836282	-86.931465	56000.80	56250.9	-0.95	55999.85	56001.22266	55997.51923	56003.80859	505029.3	5409258.6
L5030.0	505029.3	5409260.0	4695.79981	310.91	72.03	48.836295	-86.931464	55998.45	56250.9	-0.94	55997.50	55998.54688	55995.54722	56001.62891	505029.3	5409260.0
L5030.0	505029.3	5409260.0	4695.89990	312.37	72.12	48.836295	-86.931464	55995.96	56250.9	-0.94	55995.02	55995.73828	55991.92813	55997.80078	505029.3	5409260.0
L5030.0	505029.3	5409261.6	4696.00000	311.59	72.12	48.836309	-86.931464	55993.49	56250.9	-0.94	55992.55	55992.93359	55988.86752	55994.53125	505029.3	5409261.6
L5030.0	505029.3	5409263.2	4696.10010	311.50	59.89	48.836324	-86.931464	55991.09	56250.9	-0.94	55990.15	55990.19922	55987.39307	55992.84375	505029.3	5409263.2
L5030.0	505029.3	5409263.2	4696.20020	310.87	62.13	48.836324	-86.931464	55988.48	56250.9	-0.93	55987.54	55987.25000	55982.87133	55988.10938	505029.3	5409263.2
L5030.0	505029.3	5409264.6	4696.29981	311.01	62.13	48.836336	-86.931464	55985.88	56250.9	-0.93	55984.95	55984.31641	55979.09885	55984.12109	505029.3	5409264.6
L5030.0	505029.3	5409266.2	4696.39990	311.03	66.23	48.836351	-86.931464	55983.32	56250.9	-0.92	55982.40	55981.42188	55976.44087	55981.24219	505029.3	5409266.2
L5030.0	505029.3	5409267.3	4696.50000	312.51	74.67	48.836361	-86.931464	55980.69	56250.9	-0.92	55979.77	55978.44531	55972.86306	55977.44531	505029.3	5409267.3
L5030.0	505029.3	5409268.4	4696.60010	312.31	74.67	48.836371	-86.931464	55977.98	56250.9	-0.92	55977.06	55975.38281	55968.35061	55972.71094	505029.3	5409268.4
L5030.0	505029.3	5409269.9	4696.70020	311.14	76.14	48.836384	-86.931464	55975.40	56250.9	-0.91	55974.49	55972.46094	55966.67383	55970.80859	505029.3	5409269.9
L5030.0	505029.2	5409271.3	4696.79981	312.67	70.87	48.836397	-86.931465	55972.65	56250.9	-0.91	55971.74	55969.35547	55962.33411	55966.24609	505029.2	5409271.3
L5030.0	505029.2	5409271.3	4696.89990	310.53	76.26	48.836397	-86.931465	55969.99	56250.9	-0.90	55969.08	55966.33984	55959.95618	55963.64063	505029.2	5409271.3
L5030.0	505029.2	5409272.7	4697.00000	311.25	76.26	48.836409	-86.931465	55967.16	56250.9	-0.90	55966.26	55963.16016	55955.23652	55958.69141	505029.2	5409272.7
L5030.0	505029.2	5409273.7	4697.10010	311.54	74.43	48.836418	-86.931465	55964.40	56250.9	-0.90	55963.50	55960.04297	55951.93609	55955.16406	505029.2	5409273.7
L5030.0	505029.2	5409275.2	4697.20020	311.85	74.43	48.836432	-86.931465	55961.62	56250.9	-0.90	55960.72	55956.89844	55948.66403	55951.66016	505029.2	5409275.2
L5030.0	505029.2	5409276.5	4697.29981	309.54	72.12	48.836443	-86.931465	55958.81	56250.9	-0.89	55957.92	55953.73828	55945.40046	55948.16797	505029.2	5409276.5
L5030.0	505029.2	5409277.9	4697.39990	309.54	72.09	48.836456	-86.931465	55955.95	56250.9	-0.89	55955.06	55950.51172	55941.44564	55943.98047	505029.2	5409277.9
L5030.0	505029.2	5409278.9	4697.50000	300.89	73.24	48.836465	-86.931465	55953.12	56250.9	-0.89	55952.23	55947.31641	55938.30587	55940.60547	505029.2	5409278.9
L5030.0	505029.2	5409279.8	4697.60010	303.18	73.24	48.836473	-86.931465	55950.21	56250.9	-0.89	55949.32	55944.04297	55934.09340	55936.16016	505029.2	5409279.8
L5030.0	505029.2	5409279.8	4697.70020	309.47	73.72	48.836473	-86.931465	55947.25	56250.9	-0.89	55946.36	55940.71484	55929.29711	55931.12891	505029.2	5409279.8
L5030.0	505029.2	5409281.6	4697.79981	308.76	74.92	48.836489	-86.931465	55944.32	56250.9	-0.88	55943.44	55937.42969	55925.40384	55927.00391	505029.2	5409281.6
L5030.0	505029.2	5409282.9	4697.89990	309.16	75.03	48.836501	-86.931465	55941.36	56250.9	-0.88	55940.48	55934.10156	55921.03319	55922.39453	505029.2	5409282.9
L5030.0	505029.2	5409284.4	4698.00000	309.15	75.03	48.836514	-86.931465	55938.38	56250.9	-0.88	55937.50	55930.75391	55916.48632	55917.61328	505029.2	5409284.4
L5030.0	505029.2	5409285.9	4698.10010	310.95	75.33	48.836528	-86.931465	55935.41	56250.9	-0.88	55934.54	55927.42969	55912.39104	55913.28516	505029.2	5409285.9
L5030.0	505029.2	5409285.9	4698.20020	312.13	75.33	48.836528	-86.931465	55932.43	56250.9	-0.87	55931.56	55924.08594	55908.04052	55908.69922	505029.2	5409285.9
L5030.0	505029.2	5409287.5	4698.29981	312.41	75.18	48.836542	-86.931465	55929.34	56250.9	-0.86	55928.48	55920.64063	55902.07352	55902.49609	505029.2	5409287.5
L5030.0	505029.2	5409288.7	4698.39990	312.56	75.18	48.836553	-86.931465	55926.38	56250.9	-0.86	55925.52	55917.31641	55898.07498	55898.26172	505029.2	5409288.7
L5030.0	505029.2	5409288.7	4698.50000	310.45	69.49	48.836553	-86.931465	55923.40	56250.9	-0.85	55922.54	55913.97266	55893.68104	55893.63281	505029.2	5409288.7
L5030.0	505029.2	5409290.5	4698.60010	310.93	73.51	48.836569	-86.931464	55920.39	56250.8	-0.85	55919.54	55910.61328	55888.83836	55888.55859	505029.2	5409290.5
L5030.0	505029.2	5409291.6	4698.70020	310.90	73.08	48.836579	-86.931464	55917.40	56250.8	-0.85	55916.56	55907.27344	55884.13815	55883.62500	505029.2	5409291.6
L5030.0	505029.3	5409292.9	4698.79981	310.83	73.08	48.836591	-86.931464	55914.39	56250.8	-0.84	55913.55	55903.90625	55878.70283	55877.95703	505029.3	5409292.9
L5030.0	505029.3	5409294.3	4698.89990	310.04	72.59	48.836603	-86.931464	55911.43	56250.8	-0.83	55910.60	55900.60156	55873.91848	55872.93750	505029.3	5409294.3
L5030.0	505029.3	5409295.5	4699.00000	309.02	71.29	48.836614	-86.931464	55908.52	56250.8	-0.83	55907.69	55897.33984	55869.38344	55868.17188	505029.3	5409295.5
L5030.0	505029.3	5409296.9	4699.10010	308.89	71.29	48.836627	-86.931464	55905.64	56250.8	-0.83	55904.81	55894.10938	55864.85153	55863.41406	505029.3	5409296.9
L5030.0	505029.3	5409296.9	4699.20020	298.79	72.07	48.836627	-86.931464	55902.78	56250.8	-0.83	55901.95	55890.90234	55860.07251	55858.40625	505029.3	5409296.9
L5030.0	505029.2	5409298.7	4699.29981	297.46	66.64	48.836643	-86.931464	55899.92	56250.8	-0.83	55899.09	55887.69922	55854.64359	55852.75000	505029.2	5409298.7
L5030.0	505029.2	5409300.0	4699.39990	307.92	66.64	48.836655	-86.931464	55897.12	56250.8	-0.83	55896.29	55884.55859	55849.43861	55847.32031	505029.2	5409300.0
L5030.0	505029.2	5409301.6	4699.50000	308.80	59.4	48.836669	-86.931465	55894.38	56250.8	-0.82	55893.56	55881.49219	55844.52723	55842.18359	505029.2	5409301.6
L5030.0	505029.2	5409301.6	4699.60010	309.98	71.5	48.836669	-86.931465	55891.70	56250.8	-0.82	55890.88	55878.48047	55839.49704	55836.93359	505029.2	5409301.6
L5030.0	505029.2	5409303.0	4699.70020	301.42	71.5	48.836681	-86.931465	55889.02	56250.8	-0.82	55888.20	55875.47266	55833.44672	55830.66406	505029.2	5409303.0
L5030.0	505029.2	5409304.5	4699.79981	302.41	72.44	48.836695	-86.931465	55886.44	56250.8	-0.82	55885.62	55872.56641	55827.88032	55824.87891	505029.2	5409304.5
L5030.0	505029.2	5409305.8	4699.89990	309.01	72.54	48.836707	-86.931465	55883.91	56250.8	-0.82	55883.09	55869.71875	55821.88211	55818.66406	505029.2	5409305.8
L5030.0	505029.2	5409307.1	4700.00000	312.22	60.33	48.836719	-86.931465	55881.46	56250.8	-0.82	55880.64	55866.95313	55815.82359	55812.39453	505029.2	5409307.1
L5030.0	505029.1	5409308.3	4700.10010	310.23	60.33	48.836729	-86.931466	55879.16	56250.8	-0.82	55878.34	55864.34375	55810.74648	55807.10938	505029.1	5409308.3
L5030.0	505029.1	5409308.3	4700.20020	310.23	65.98	48.836729	-86.931466	55876.86	56250.8	-0.82	55876.04	55861.73828	55804.07362	55800.22656	505029.1	5409308.3
L5030.0	505029.1	5409310.1	4700.20020	310.50	71.54	48.836746	-86.931466	55874.73	56250.8	-0.82	55873.92	55859.32031	55798.66562	55794.61328	505029.1	5409310.1
L5030.0	505029.1	5409311.5	4700.39990	310.86	71.54	48.836758	-86.931466	55872.70	56250.8	-0.81	55871.89	55857.00000	55792.93618	55788.68359	505029.1	5409311.5
L5030.0	505029.1	5409311.5	4700.50000	312.05	68.61	48.836758	-86.931466	55870.81	56250.8	-0.81	55870.00	55854.82031	55787.64091	55783.18750	505029.1	5409311.5
L5030.0	505029.1	5409313.0	4700.60010	311.39	68.61	48.836772	-86.931466	55868.98	56250.8	-0.81	55868.18	55852.72266	55781.51667	55776.86719	505029.1	5409313.0
L5030.0	505029.1	5409314.4	4700.70020	311.68	70.12	48.836785	-86.931466	55867.35	56250.8	-0.81	55866.54	55850.80859	55776.39826	55771.55859	505029.1	5409314.4
L5030.0	505029.1	5409315.6	4700.79981	313.68	64.47	48.836795	-86.931467	55865.88	56250.8	-0.80	55865.07	55849.07031	55772.08297	55767.05469	505029.1	5409315.6
L5030.0	505029.0	5409316.9	4700.89990	309.07	63.96	48.836807	-86.931467	55864.48	56250.8	-0.80	55863.68	55847.42188	55766.93230	55761.71484	505029.0	5409316.9
L5030.0	505029.0	5409318.1	4701.00000	308.74	60.38	48.836817	-86.931467	55863.22	56250.8	-0.80	55862.42	55845.91016	55761.75893	55756.35938	505029.0	5409318.1
L5030.0	505029.0	5409319.5	4701.10010	309.27	60.38	48.836830	-86.931467	55862.14	56250.8	-0.79	55861.34	55844.58594	55757.40668	55751.83203	505029.0	5409319.5
L5030.0	505029.0	5409320.5	4701.20020	308.34	60.38	48.836840	-86.931467	55861.25	56250.8	-0.79	55860.46	55843.46875	55754.18427	55748.43359	505029.0	5409320.5
L5030.0	505029.0	5409321.6	4701.29981	311.17	61.91	48.836849	-86.931467	55860.54	56250.8	-0.78	55859.76	55842.53906	55751.72516	55745.80469	505029.0	5409321.6
L5030.0	505029.0	5409322.9	4701.39990	310.55	61.91	48.836861	-86.931468	55859.91	56250.8	-0.77	55859.13	55841.68750	55748.07137	55741.98438	505029.0	5409322.9
L5030.0	505029.0	5409322.9	4701.50000	311.56	61.3	48.836861	-86.931468	55859.56	56250.8	-0.77	55858.79	55841.13281	55747.06994	55740.82031	505029.0	5409322.9
L5030.0	505029.0	5409324.5	4701.60010	311.34	64.89	48.836875	-86.931468	55859.35	56250.8	-0.76	55858.59	55840.73047	55745.98680	55739.58203	505029.0	5409324.5
L5030.0	505028.9	5409326.2	4701.70020	310.42	64.89	48.836891	-86.931468	55859.40	56250.8	-0.75	55858.65	55840.59375	55746.82150	55740.26563	505028.9	5409326.2
L5030.0	505028.9	5409327.5	4701.79981	311.80	63.03	48.836903	-86.931468	55859.58	56250.7	-0.74	55858.83	55840.58594	55747.01062	55740.30469	505028.9	5409327.5
L5030.0	505028.9	5409328.7	4701.89990	310.38	63.03	48.836913	-86.931468	55859.93	56250.7	-0.74	55859.20	55840.77734	55747.65352	55740.80078	505028.9	5409328.7
L5030.0	505028.9	5409328.7	4702.00000	312.05	60.48	48.836913	-86.931468	55860.59	56250.7	-0.73	55859.86	55841.26953	55750.31255	55743.32422	505028.9	5409328.7
L5030.0	505028.9	5409330.7	4702.10010	313.00	60.48	48.836931	-86.931469	55861.38	56250.7	-0.73	55860.65	55841.90234	55752.21841	55745.09375	505028.9	5409330.7
L5030.0	505028.9	5409331.6	4702.20020	313.81	61.13	48.836939	-86.931469	55862.46	56250.7	-0.73	55861.73	55842.83203	55755.91791	55748.66406	505028.9	5409331.6
L5030.0	505028.9	5409333.3	4702.29981	313.66	61.13	48.836954	-86.931469	55863.60	56250.7	-0.73	55862.87	55843.83594	55757.65807	55750.28125	505028.9	5409333.3
L5030.0	505028.9	5409334.7	4702.39990	311.63	62.49	48.836967	-86.931469	55865.07	56250.7	-0.73	55864.34	55845.17578	55761.76903	55754.27344	505028.9	5409334.7
L5030.0	505028.9	5409334.7	4702.50000	309.34	59.54	48.836967	-86.931469	55866.74	56250.7	-0.73	55866.01	55846.72656	55766.14836	55758.53906	505028.9	5409334.7
L5030.0	505028.8	5409336.1	4702.60010	305.11	59.54	48.836980	-86.931469	55868.54	56250.7	-0.73	55867.81	55848.41797	55769.71974	55762.00000	505028.8	5409336.1
L5030.0	505028.8	5409337.5	4702.70020	307.30	59.49	48.836992	-86.931469	55870.54	56250.7	-0.73	55869.81	55850.32031	55773.61144	55765.78906	505028.8	5409337.5

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5030.0	505028.8	5409339.5	4702.79981	306.24	59.49	48.837010	-86.931469	55872.73	56250.7	-0.73	55872.00	55852.42188	55777.70167	55769.78125	505028.8	5409339.5
L5030.0	505028.8	5409339.5	4702.89990	306.06	59.29	48.837010	-86.931469	55875.19	56250.7	-0.73	55874.46	55854.80469	55783.24478	55775.23438	505028.8	5409339.5
L5030.0	505028.8	5409340.9	4703.00000	305.82	59.29	48.837023	-86.931469	55877.71	56250.7	-0.73	55876.98	55857.25781	55787.10156	55779.00391	505028.8	5409340.9
L5030.0	505028.8	5409342.5	4703.10010	306.25	59.37	48.837037	-86.931469	55880.50	56250.7	-0.73	55879.76	55859.98438	55792.36156	55784.18359	505028.8	5409342.5
L5030.0	505028.8	5409344.1	4703.20020	307.43	59.37	48.837052	-86.931469	55883.41	56250.7	-0.73	55882.67	55862.85156	55797.12352	55788.87109	505028.8	5409344.1
L5030.0	505028.8	5409344.1	4703.29981	310.54	61.28	48.837052	-86.931469	55886.52	56250.7	-0.73	55885.79	55865.93750	55802.68162	55794.35938	505028.8	5409344.1
L5030.0	505028.9	5409345.6	4703.39990	310.26	61.28	48.837065	-86.931469	55889.78	56250.7	-0.73	55889.04	55869.16797	55807.91447	55799.52734	505028.9	5409345.6
L5030.0	505028.9	5409347.2	4703.50000	308.34	58.78	48.837080	-86.931469	55893.25	56250.7	-0.74	55892.51	55872.62891	55814.31429	55805.86719	505028.9	5409347.2
L5030.0	505028.9	5409348.4	4703.60010	310.08	59.2	48.837090	-86.931469	55896.82	56250.7	-0.74	55896.08	55876.19922	55820.18461	55811.68750	505028.9	5409348.4
L5030.0	505028.9	5409348.4	4703.70020	313.72	59.2	48.837090	-86.931469	55900.53	56250.7	-0.74	55899.79	55879.92188	55826.29135	55817.75000	505028.9	5409348.4
L5030.0	505028.9	5409350.1	4703.79981	308.97	61.78	48.837106	-86.931468	55904.32	56250.7	-0.74	55903.59	55883.74609	55831.99719	55823.41406	505028.9	5409350.1
L5030.0	505028.9	5409352.0	4703.89990	310.94	59.14	48.837122	-86.931468	55908.32	56250.7	-0.74	55907.58	55887.77344	55839.05339	55830.43359	505028.9	5409352.0
L5030.0	505028.9	5409352.7	4704.00000	312.34	59.14	48.837129	-86.931468	55912.44	56250.7	-0.74	55911.70	55891.94141	55846.68274	55838.03516	505028.9	5409352.7
L5030.0	505028.9	5409354.1	4704.10010	310.38	56.11	48.837142	-86.931468	55916.54	56250.7	-0.74	55915.81	55896.11328	55852.72931	55844.06250	505028.9	5409354.1
L5030.0	505028.9	5409355.5	4704.20020	312.65	60.8	48.837154	-86.931468	55920.82	56250.7	-0.73	55920.09	55900.46484	55860.29177	55851.60547	505028.9	5409355.5
L5030.0	505028.9	5409355.5	4704.29981	311.62	60.8	48.837154	-86.931468	55925.22	56250.7	-0.73	55924.49	55904.94922	55868.74062	55860.04688	505028.9	5409355.5
L5030.0	505029.0	5409357.6	4704.39990	306.38	61.71	48.837173	-86.931467	55929.62	56250.7	-0.73	55928.89	55909.44141	55876.19060	55867.49219	505029.0	5409357.6
L5030.0	505029.0	5409359.0	4704.50000	306.13	61.71	48.837186	-86.931467	55934.15	56250.7	-0.72	55933.42	55914.07813	55884.98633	55876.28906	505029.0	5409359.0
L5030.0	505029.0	5409359.0	4704.60010	307.31	60.14	48.837186	-86.931467	55938.68	56250.7	-0.72	55937.96	55918.73828	55893.17676	55884.48438	505029.0	5409359.0
L5030.0	505029.0	5409360.7	4704.70020	312.43	60.14	48.837200	-86.931467	55943.28	56250.7	-0.72	55942.56	55923.46875	55901.73797	55893.06250	505029.0	5409360.7
L5030.0	505029.0	5409361.9	4704.79981	313.64	62.38	48.837211	-86.931467	55947.96	56250.7	-0.72	55947.24	55928.28906	55911.12996	55902.47266	505029.0	5409361.9
L5030.0	505029.0	5409363.5	4704.89990	307.86	63.69	48.837226	-86.931467	55952.62	56250.7	-0.71	55951.90	55933.10547	55919.68977	55911.05859	505029.0	5409363.5
L5030.0	505029.0	5409363.5	4705.00000	308.29	63.69	48.837226	-86.931467	55957.29	56250.7	-0.71	55956.58	55937.94922	55928.23278	55919.63281	505029.0	5409363.5
L5030.0	505028.9	5409364.7	4705.10010	313.35	62.99	48.837237	-86.931468	55962.00	56250.7	-0.71	55961.29	55942.83594	55937.05421	55928.48828	505028.9	5409364.7
L5030.0	505028.9	5409366.7	4705.20020	312.18	60.99	48.837255	-86.931468	55966.68	56250.7	-0.70	55965.98	55947.71484	55945.37450	55936.85547	505028.9	5409366.7
L5030.0	505028.9	5409367.8	4705.29981	312.57	57.61	48.837264	-86.931468	55971.36	56250.7	-0.69	55970.66	55952.59375	55953.48506	55945.01172	505028.9	5409367.8
L5030.0	505028.9	5409367.8	4705.39990	310.92	57.61	48.837264	-86.931468	55976.04	56250.7	-0.69	55975.35	55957.49609	55961.85512	55953.43750	505028.9	5409367.8
L5030.0	505028.9	5409369.4	4705.50000	311.74	54.81	48.837279	-86.931468	55980.69	56250.7	-0.68	55980.01	55962.37891	55969.87252	55961.51172	505028.9	5409369.4
L5030.0	505028.9	5409370.9	4705.60010	310.45	56.3	48.837292	-86.931468	55985.32	56250.7	-0.68	55984.64	55967.24219	55977.63606	55969.34375	505028.9	5409370.9
L5030.0	505028.9	5409372.0	4705.70020	312.79	56.3	48.837303	-86.931468	55989.90	56250.7	-0.68	55989.22	55972.06641	55984.88297	55976.66016	505028.9	5409372.0
L5030.0	505028.9	5409373.8	4705.79981	312.42	55.21	48.837318	-86.931468	55994.48	56250.7	-0.67	55993.81	55976.91406	55992.77438	55984.62891	505028.9	5409373.8
L5030.0	505028.9	5409373.8	4705.89990	309.64	52.62	48.837318	-86.931468	55999.03	56250.7	-0.67	55998.36	55981.72656	56000.49465	55992.42969	505028.9	5409373.8
L5030.0	505028.9	5409375.3	4706.00000	308.32	52.62	48.837332	-86.931468	56003.46	56250.7	-0.66	56002.80	55986.44531	56006.87597	55998.89844	505028.9	5409375.3
L5030.0	505028.9	5409376.8	4706.10010	303.57	54.71	48.837346	-86.931469	56007.88	56250.7	-0.66	56007.23	55991.16016	56013.76188	56005.87500	505028.9	5409376.8
L5030.0	505028.8	5409378.0	4706.20020	310.49	56	48.837356	-86.931469	56012.21	56250.7	-0.65	56011.55	55995.78125	56019.45201	56011.66406	505028.8	5409378.0
L5030.0	505028.8	5409379.7	4706.29981	311.56	56	48.837372	-86.931469	56016.54	56250.7	-0.65	56015.88	56000.41797	56026.10159	56018.41406	505028.8	5409379.7
L5030.0	505028.8	5409379.7	4706.39990	312.01	54.1	48.837372	-86.931469	56020.78	56250.6	-0.65	56020.13	56004.98438	56032.18563	56024.60547	505028.8	5409379.7
L5030.0	505028.8	5409381.3	4706.50000	312.27	54.1	48.837386	-86.931469	56024.93	56250.6	-0.65	56024.28	56009.46094	56037.42237	56029.95313	505028.8	5409381.3
L5030.0	505028.8	5409383.0	4706.60010	312.67	55.23	48.837401	-86.931470	56028.98	56250.6	-0.64	56028.33	56013.84766	56041.87853	56034.52734	505028.8	5409383.0
L5030.0	505028.8	5409384.2	4706.70020	307.70	55.23	48.837412	-86.931470	56033.02	56250.6	-0.64	56032.38	56018.24219	56047.25843	56040.02734	505028.8	5409384.2
L5030.0	505028.8	5409384.2	4706.79981	308.29	49.24	48.837412	-86.931470	56037.07	56250.6	-0.64	56036.44	56022.66016	56053.70459	56046.59766	505028.8	5409384.2
L5030.0	505028.7	5409386.1	4706.89990	308.08	49.24	48.837429	-86.931470	56040.92	56250.6	-0.63	56040.28	56026.86328	56057.54044	56050.56250	505028.7	5409386.1
L5030.0	505028.7	5409387.5	4707.00000	308.80	50.34	48.837442	-86.931471	56044.73	56250.6	-0.63	56044.10	56031.05469	56062.02968	56055.18359	505028.7	5409387.5
L5030.0	505028.7	5409389.2	4707.10010	309.38	53.04	48.837457	-86.931471	56048.43	56250.6	-0.63	56047.80	56035.13672	56065.63227	56058.92578	505028.7	5409389.2
L5030.0	505028.7	5409389.2	4707.20020	299.84	53.04	48.837457	-86.931471	56052.00	56250.6	-0.63	56051.36	56039.08594	56068.11694	56061.55078	505028.7	5409389.2
L5030.0	505028.7	5409390.8	4707.29981	300.98	43.42	48.837472	-86.931471	56055.54	56250.6	-0.63	56054.91	56043.03125	56071.46248	56065.04297	505028.7	5409390.8
L5030.0	505028.7	5409392.3	4707.39990	310.54	43.42	48.837485	-86.931471	56059.08	56250.6	-0.63	56058.44	56046.96484	56075.48563	56069.21484	505028.7	5409392.3
L5030.0	505028.7	5409392.3	4707.50000	310.78	54.87	48.837485	-86.931471	56062.46	56250.6	-0.64	56061.83	56050.76563	56078.46234	56072.34375	505028.7	5409392.3
L5030.0	505028.6	5409393.7	4707.60010	310.22	54.87	48.837498	-86.931471	56065.91	56250.6	-0.64	56065.27	56054.62500	56083.08315	56077.12109	505028.6	5409393.7
L5030.0	505028.6	5409395.2	4707.70020	306.35	53.44	48.837511	-86.931472	56069.20	56250.6	-0.64	56068.56	56058.33984	56086.53960	56080.73438	505028.6	5409395.2
L5030.0	505028.6	5409396.4	4707.79981	304.38	55.18	48.837522	-86.931472	56072.40	56250.6	-0.64	56071.76	56061.97266	56084.68141	56079.03906	505028.6	5409396.4
L5030.0	505028.6	5409398.0	4707.89990	306.06	55.18	48.837536	-86.931472	56075.60	56250.6	-0.64	56074.96	56065.60938	56090.07894	56084.59766	505028.6	5409398.0
L5030.0	505028.6	5409398.0	4708.00000	305.71	53.97	48.837536	-86.931472	56078.54	56250.6	-0.64	56077.90	56068.99219	56089.76602	56084.45313	505028.6	5409398.0
L5030.0	505028.6	5409399.4	4708.10010	304.12	55.31	48.837549	-86.931472	56081.59	56250.6	-0.64	56080.95	56072.49219	56094.77073	56089.62500	505028.6	5409399.4
L5030.0	505028.6	5409400.9	4708.20020	306.24	55.31	48.837562	-86.931472	56084.40	56250.6	-0.64	56083.76	56075.75781	56094.74042	56089.76953	505028.6	5409400.9
L5030.0	505028.6	5409400.9	4708.29981	306.73	54.66	48.837562	-86.931472	56087.32	56250.6	-0.63	56086.68	56079.13672	56099.88400	56095.08594	505028.6	5409400.9
L5030.0	505028.5	5409404.2	4708.39990	305.77	54.66	48.837593	-86.931473	56090.09	56250.6	-0.63	56089.46	56082.37891	56102.89584	56098.27344	505028.5	5409404.2
L5030.0	505028.5	5409404.2	4708.50000	304.50	55.45	48.837593	-86.931473	56092.82	56250.6	-0.63	56092.19	56085.57813	56106.36470	56101.91797	505028.5	5409404.2
L5030.0	505028.5	5409405.6	4708.60010	307.98	55.45	48.837605	-86.931473	56095.48	56250.6	-0.63	56094.85	56088.70703	56109.68946	56105.42188	505028.5	5409405.6
L5030.0	505028.5	5409407.0	4708.70020	309.96	54.23	48.837618	-86.931473	56098.03	56250.6	-0.63	56097.40	56091.73438	56111.70012	56107.61328	505028.5	5409407.0
L5030.0	505028.5	5409408.2	4708.79981	309.49	58.42	48.837629	-86.931473	56100.52	56250.6	-0.62	56099.89	56094.70313	56113.79413	56109.88672	505028.5	5409408.2
L5030.0	505028.5	5409409.8	4708.89990	310.90	57.98	48.837642	-86.931473	56102.96	56250.6	-0.62	56102.34	56097.63281	56116.50679	56112.78125	505028.5	5409409.8
L5030.0	505028.5	5409410.9	4709.00000	308.40	57.98	48.837652	-86.931473	56105.29	56250.6	-0.62	56104.67	56100.44531	56117.50923	56113.96484	505028.5	5409410.9
L5030.0	505028.5	5409410.9	4709.10010	308.24	55.38	48.837652	-86.931473	56107.73	56250.6	-0.61	56107.11	56103.37109	56123.36626	56120.00391	505028.5	5409410.9
L5030.0	505028.5	5409412.6	4709.20020	307.41	55.38	48.837668	-86.931473	56109.89	56250.6	-0.61	56109.29	56106.03906	56123.40136	56120.22266	505028.5	5409412.6
L5030.0	505028.5	5409414.0	4709.29981	306.15	56.37	48.837681	-86.931473	56112.07	56250.6	-0.60	56111.47	56108.70703	56125.04981	56122.05469	505028.5	5409414.0
L5030.0	505028.5	5409414.0	4709.39990	305.54	56.37	48.837681	-86.931473	56114.25	56250.6	-0.60	56113.65	56111.37500	56128.29172	56125.48047	505028.5	5409414.0
L5030.0	505028.5	5409415.9	4709.50000	307.76	57.78	48.837698	-86.931473	56116.34	56250.6	-0.59	56115.75	56113.96484	56130.77948	56128.14844	505028.5	5409415.9
L5030.0	505028.5	5409417.4	4709.60010	307.68	57.78	48.837711	-86.931473	56118.32	56250.6	-0.58	56117.74	56116.44531	56131.59888	56129.15234	505028.5	5409417.4
L5030.0	505028.5	5409419.1	4709.70020	306.49	51.32	48.837727	-86.931473	56120.32	56250.6	-0.58	56119.74	56118.93359	56134.22819	56131.96484	505028.5	5409419.1
L5030.0	505028.5	5409420.5	4709.79981	305.28	51.32	48.837739	-86.931473	56122.29	56250.6	-0.57	56121.71	56121.39063	56137.48587	56135.40234	505028.5	5409420.5
L5030.0	505028.5	5409420.5	4709.89990	305.86	56.84	48.837739	-86.931473	56124.12	56250.6	-0.57	56123.56	56123.73047	56138.69014	56136.78516	505028.5	5409420.5
L5030.0	505028.5	5409422.2	4710.00000	306.39	55.99	48.837754	-86.931473	56125.95	56250.6	-0.56	56125.39	56126.04688	56140.76747	56139.03906	505028.5	5409422.2
L5030.0	505028.5	5409423.4	4710.10010	306.11	55.99	48.837765	-86.931473	56127.71	56250.6	-0.56	56127.15	56128.28906	56142.20828	56140.66016	505028.5	5409423.4
L5030.0	505028.5	5409424.7	4710.20020	306.99	56.08	48.837777	-86.931472	56129.40	56250.6	-0.56	56128.84	56130.46094	56142.97030	56141.59766	505028.5	5409424.7
L5030.0	505028.5	5409424.7	4710.29981	304.96	53.27	48.837777	-86.931472	56131.09	56250.6	-0.56	56130.53	56132.63281	56148.69469	56147.49219	505028.5	5409424.7
L5030.0	505028.5	5409426.3	4710.39990	305.75	53.27	48.837791	-86.931472	56132.71	56250.6	-0.56	56132.14	56134.71875	56150.00459	56148.97656	505028.5	5409426.3
L5030.0	505028.5	5409427.9	4710.50000	306.78	53.27	48.837805	-86.931472	56134.31	56250.6	-0.57	56133.74	56136.79297	56151.73757	56150.87500	505028.5	5409427.9
L5030.0	505028.5	5409429.6	4710.60010	309.63	56.63	48.837821	-86.931472	56135.88	56250.6	-0.57	56135.31	56138.83203	56153.60690	56152.91406	505028.5	5409429.6
L5030.0	505028.5	5409429.6	4710.70020	308.56	57.54	48.837821	-86.931472	56137.37	56250.6	-0.57	56136.80	56140.78906	56154.88595	56154.35547	505028.5	5409429.6
L5030.0	505028.5	5409432.2	4710.79981	308.71	57.54	48.837844	-86.931472	56138.81	56250.6	-0.57	56138.24	56142.69141	56155.96261	56155.59375	505028.5	5409432.2
L5030.0	505028.5	5409432.2	4710.89990	308.11	53.71	48.837844	-86.931472	56140.28	56250.6	-0.57	56139.71	56144.61719	56157.97898	56157.76563	505028.5	5409432.2
L5030.0	505028.5	5409433.9	4711.00000	308.83	53.71	48.837859	-86.931473	56141.59	56250.6	-0.57	56141.02	56146.37891	56158.13420	56158.07813	505028.5	5409433.9
L5030.0	505028.5	5409435.5	4711.10010	309.22	57.07	48.837874	-86.931473	56142.98	56250.6	-0.57	56142.41	56148.21484	56159.94602	56160.03906	505028.5	5409435.5
L5030.0	505028.5	5409435.5	4711.20020	307.83	58.6	48.837874	-86.931473	56144.23	56250.6	-0.57	56143.66	56149.90234	56160.10966	56160.35156	505028.5	5409435.5
L5030.0	505028.5	5409436.9	4711.29981	309.08	58.6	48.837887	-86.931473	56145.56	56250.6	-0.57	56144.99	56151.66797	56161.93373	56162.32031	505028.5	5409436.9
L5030.0	505028.5	5409438.4	4711.39990	309.92	56.66	48.837900	-86.931473	56146.81	56250.6	-0.57	56146.24	56153.34375	56162.96426	56163.49219	505028.5	5409438.4
L5030.0	505028.5	5409438.4	4711.50000	309.51	56.66	48.837900	-86.931473	56147.91	56250.6	-0.56	56147.35	56154.87500	56162.21153	56162.87500	505028.5	5409438.4
L5030.0	505028.5	5409440.0	4711.60010	310.51	53.63	48.837915	-86.931473	56149.13	56250.6	-0.56	56148.57	56156.50781	56163.58310	56164.37891	505028.5	5409440.0
L5030.0	505028.5	5409441.7	4711.70020	312.03	53.63	48.837930	-86.931473	56150.26	56250.6	-0.56	56149.70	56158.04297	56163.91219	56164.83984	505028.5	5409441.7
L5030.0	505028.5	5409443.1	4711.79981	310.28	51.34	48.837942	-86.931473	56151.51	56250.6	-0.56	56150.95	56159.68750	56166.55576	56167.60547	505028.5	5409443.1
L5030.0	505028.5	5409444.6	4711.89990	309.90	51.34	48.837956	-86.931473	56152.63	56250.6	-0.56	56152.06	56161.18750	56167.30722	56168.47656	505028.5	5409444.6
L5030.0	505028.5	5409444.6	4712.00000	308.95	52.94	48.837956	-86.931473	56153.70	56250.6	-0.56	56153.14	56162.64844	56167.91541	56169.19922	505028.5	5409444.6

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5030.0	505028.4	5409446.5	4712.10010	311.31	52.94	48.837972	-86.931473	56154.82	56250.6	-0.56	56154.26	56164.14063	56169.51811	56170.91016	505028.4	5409446.5
L5030.0	505028.4	5409447.6	4712.20020	311.40	58.15	48.837983	-86.931473	56155.95	56250.6	-0.56	56155.39	56165.63281	56171.61662	56173.11719	505028.4	5409447.6
L5030.0	505028.4	5409447.6	4712.29981	307.34	58.15	48.837983	-86.931473	56156.94	56250.6	-0.57	56156.38	56166.97656	56171.68962	56173.28906	505028.4	5409447.6
L5030.0	505028.4	5409449.6	4712.39990	306.61	56.72	48.838001	-86.931473	56157.93	56250.6	-0.57	56157.37	56168.30859	56172.04178	56173.73828	505028.4	5409449.6
L5030.0	505028.4	5409451.2	4712.50000	304.30	56.72	48.838015	-86.931473	56158.89	56250.6	-0.57	56158.32	56169.58984	56171.98508	56173.76953	505028.4	5409451.2
L5030.0	505028.5	5409452.8	4712.60010	302.48	61.25	48.838030	-86.931473	56159.82	56250.6	-0.57	56159.24	56170.83203	56171.66762	56173.53906	505028.5	5409452.8
L5030.0	505028.5	5409454.5	4712.70020	304.44	61.25	48.838045	-86.931473	56160.73	56250.6	-0.57	56160.16	56172.06641	56171.58097	56173.53125	505028.5	5409454.5
L5030.0	505028.5	5409456.0	4712.79981	308.08	61.82	48.838058	-86.931473	56161.63	56250.6	-0.58	56161.06	56173.26563	56171.36960	56173.39453	505028.5	5409456.0
L5030.0	505028.5	5409456.0	4712.89990	310.92	54.22	48.838058	-86.931473	56162.56	56250.6	-0.58	56161.98	56174.47656	56171.70152	56173.79688	505028.5	5409456.0
L5030.0	505028.5	5409457.9	4713.00000	310.62	54.22	48.838075	-86.931473	56163.52	56250.6	-0.58	56162.94	56175.71484	56172.90950	56175.06641	505028.5	5409457.9
L5030.0	505028.5	5409457.9	4713.10010	311.92	56.94	48.838075	-86.931473	56164.43	56250.6	-0.58	56163.84	56176.88281	56173.25969	56175.47656	505028.5	5409457.9
L5030.0	505028.5	5409459.6	4713.20020	310.58	56.94	48.838090	-86.931473	56165.52	56250.6	-0.59	56164.93	56178.22656	56177.05176	56179.32031	505028.5	5409459.6
L5030.0	505028.5	5409459.6	4713.29981	311.66	58.55	48.838090	-86.931473	56166.36	56250.6	-0.59	56165.77	56179.31250	56176.66579	56178.98438	505028.5	5409459.6
L5030.0	505028.5	5409461.3	4713.39990	311.31	58.55	48.838106	-86.931472	56167.31	56250.6	-0.59	56166.72	56180.49219	56178.30980	56180.66797	505028.5	5409461.3
L5030.0	505028.5	5409462.6	4713.50000	314.73	56.69	48.838118	-86.931472	56168.24	56250.6	-0.60	56167.64	56181.63281	56179.54142	56181.93750	505028.5	5409462.6
L5030.0	505028.5	5409464.3	4713.60010	315.94	53.62	48.838133	-86.931472	56169.05	56250.6	-0.60	56168.45	56182.64844	56178.94434	56181.37109	505028.5	5409464.3
L5030.0	505028.5	5409465.9	4713.70020	317.33	53.62	48.838147	-86.931472	56169.82	56250.6	-0.60	56169.22	56183.61328	56177.71678	56180.16797	505028.5	5409465.9
L5030.0	505028.5	5409465.9	4713.79981	316.49	56.88	48.838147	-86.931472	56170.75	56250.6	-0.60	56170.15	56184.72266	56179.33867	56181.80859	505028.5	5409465.9
L5030.0	505028.5	5409467.6	4713.89990	314.70	56.88	48.838162	-86.931472	56171.54	56250.6	-0.61	56170.93	56185.67188	56178.37661	56180.86328	505028.5	5409467.6
L5030.0	505028.5	5409468.7	4714.00000	307.15	58.5	48.838173	-86.931472	56172.38	56250.6	-0.61	56171.77	56186.66406	56178.48515	56180.98047	505028.5	5409468.7
L5030.0	505028.5	5409468.7	4714.10010	308.48	58.5	48.838173	-86.931472	56173.25	56250.6	-0.61	56172.64	56187.67578	56179.12394	56181.62109	505028.5	5409468.7
L5030.0	505028.5	5409471.8	4714.20020	311.32	58.5	48.838200	-86.931472	56174.12	56250.6	-0.61	56173.51	56188.67578	56179.75082	56182.25000	505028.5	5409471.8
L5030.0	505028.5	5409471.8	4714.29981	314.04	60.26	48.838200	-86.931472	56174.98	56250.6	-0.61	56174.37	56189.64844	56180.17258	56182.66406	505028.5	5409471.8
L5030.0	505028.5	5409473.2	4714.39990	310.55	59.51	48.838213	-86.931472	56175.82	56250.6	-0.61	56175.21	56190.58984	56180.19574	56182.67578	505028.5	5409473.2
L5030.0	505028.5	5409474.7	4714.50000	310.54	59.51	48.838226	-86.931472	56176.68	56250.6	-0.61	56176.07	56191.53516	56180.49968	56182.96094	505028.5	5409474.7
L5030.0	505028.5	5409474.7	4714.60010	310.73	58.93	48.838226	-86.931472	56177.51	56250.6	-0.61	56176.90	56192.44141	56180.18782	56182.62891	505028.5	5409474.7
L5030.0	505028.5	5409476.4	4714.70020	309.08	59.96	48.838241	-86.931472	56178.39	56250.6	-0.61	56177.78	56193.37891	56180.63683	56183.05078	505028.5	5409476.4
L5030.0	505028.5	5409477.8	4714.79981	308.02	59.96	48.838254	-86.931473	56179.21	56250.6	-0.61	56178.60	56194.24609	56179.89280	56182.27734	505028.5	5409477.8
L5030.0	505028.5	5409479.3	4714.89990	308.39	59.96	48.838268	-86.931473	56180.19	56250.6	-0.61	56179.58	56195.25781	56181.79772	56184.14453	505028.5	5409479.3
L5030.0	505028.4	5409480.5	4715.00000	310.04	60.23	48.838279	-86.931473	56181.04	56250.6	-0.61	56180.43	56196.12891	56181.21966	56183.52734	505028.4	5409480.5
L5030.0	505028.4	5409482.2	4715.10010	309.13	60.23	48.838294	-86.931473	56181.99	56250.6	-0.61	56181.38	56197.08203	56182.18844	56184.44922	505028.4	5409482.2
L5030.0	505028.4	5409482.2	4715.20020	314.19	57.94	48.838294	-86.931473	56182.85	56250.6	-0.60	56182.24	56197.93359	56181.29999	56183.51172	505028.4	5409482.2
L5030.0	505028.4	5409483.4	4715.29981	311.23	57.94	48.838305	-86.931473	56183.85	56250.6	-0.60	56183.25	56198.91797	56182.80671	56184.96875	505028.4	5409483.4
L5030.0	505028.4	5409484.6	4715.39990	312.09	57.07	48.838316	-86.931473	56184.75	56250.6	-0.60	56184.15	56199.78125	56182.01512	56184.11719	505028.4	5409484.6
L5030.0	505028.4	5409484.6	4715.50000	313.07	59.09	48.838316	-86.931473	56185.81	56250.6	-0.60	56185.21	56200.78906	56183.76369	56185.80469	505028.4	5409484.6
L5030.0	505028.4	5409488.0	4715.60010	312.77	59.09	48.838346	-86.931474	56186.76	56250.6	-0.59	56186.17	56201.68750	56183.30410	56185.28125	505028.4	5409488.0
L5030.0	505028.4	5409488.0	4715.70020	313.46	59.88	48.838346	-86.931474	56187.79	56250.6	-0.59	56187.20	56202.63672	56183.69194	56185.59766	505028.4	5409488.0
L5030.0	505028.4	5409489.5	4715.79981	311.42	59.88	48.838359	-86.931474	56188.79	56250.6	-0.59	56188.20	56203.54688	56183.05683	56184.89063	505028.4	5409489.5
L5030.0	505028.4	5409490.9	4715.89990	312.12	60.46	48.838372	-86.931474	56189.95	56250.6	-0.58	56189.36	56204.60156	56184.87126	56186.62891	505028.4	5409490.9
L5030.0	505028.4	5409490.9	4716.00000	312.51	57.54	48.838372	-86.931474	56191.02	56250.6	-0.58	56190.44	56205.56250	56184.66011	56186.33984	505028.4	5409490.9
L5030.0	505028.4	5409492.4	4716.10010	311.46	57.54	48.838385	-86.931474	56192.18	56250.6	-0.58	56191.60	56206.58984	56185.34544	56186.94141	505028.4	5409492.4
L5030.0	505028.4	5409494.1	4716.20020	311.40	59.26	48.838401	-86.931474	56193.32	56250.6	-0.59	56192.73	56207.57422	56184.84450	56186.35547	505028.4	5409494.1
L5030.0	505028.4	5409495.8	4716.29981	312.91	59.26	48.838416	-86.931474	56194.58	56250.6	-0.59	56193.99	56208.67578	56186.08617	56187.51172	505028.4	5409495.8
L5030.0	505028.3	5409497.2	4716.39990	312.28	54.79	48.838429	-86.931474	56195.86	56250.6	-0.60	56195.26	56209.77734	56186.79746	56188.13281	505028.3	5409497.2
L5030.0	505028.3	5409497.2	4716.50000	312.37	55.8	48.838429	-86.931474	56197.12	56250.6	-0.60	56196.52	56210.85156	56186.56565	56187.80859	505028.3	5409497.2
L5030.0	505028.3	5409498.4	4716.60010	313.97	56.6	48.838440	-86.931474	56198.45	56250.6	-0.60	56197.84	56211.97656	56186.64032	56187.78516	505028.3	5409498.4
L5030.0	505028.3	5409500.4	4716.70020	312.05	56.6	48.838457	-86.931474	56199.87	56250.6	-0.61	56199.26	56213.18750	56187.70437	56188.75391	505028.3	5409500.4
L5030.0	505028.3	5409501.8	4716.79981	312.54	56.6	48.838470	-86.931474	56201.34	56250.6	-0.61	56200.73	56214.43359	56188.78331	56189.73438	505028.3	5409501.8
L5030.0	505028.3	5409501.8	4716.89990	311.78	55.65	48.838470	-86.931474	56202.75	56250.6	-0.62	56202.14	56215.61328	56187.81807	56188.66797	505028.3	5409501.8
L5030.0	505028.3	5409503.2	4717.00000	310.04	51.76	48.838483	-86.931474	56204.38	56250.6	-0.62	56203.76	56216.98828	56189.68727	56190.43750	505028.3	5409503.2
L5030.0	505028.3	5409504.9	4717.10010	310.40	51.76	48.838498	-86.931475	56205.95	56250.6	-0.63	56205.33	56218.30078	56189.59131	56190.23828	505028.3	5409504.9
L5030.0	505028.3	5409506.8	4717.20020	309.15	51.76	48.838516	-86.931475	56207.62	56250.6	-0.63	56206.99	56219.69531	56190.03002	56190.57031	505028.3	5409506.8
L5030.0	505028.3	5409506.8	4717.29981	305.93	56.39	48.838516	-86.931475	56209.36	56250.6	-0.64	56208.72	56221.14453	56190.58766	56191.02344	505028.3	5409506.8
L5030.0	505028.3	5409508.3	4717.39990	305.35	53.6	48.838528	-86.931475	56211.23	56250.6	-0.64	56210.59	56222.72656	56192.49845	56192.83203	505028.3	5409508.3
L5030.0	505028.3	5409509.7	4717.50000	303.44	53.6	48.838541	-86.931475	56213.14	56250.6	-0.65	56212.50	56224.33594	56193.88985	56194.11719	505028.3	5409509.7
L5030.0	505028.2	5409510.9	4717.60010	307.50	57.11	48.838552	-86.931475	56215.13	56250.7	-0.65	56214.48	56226.00391	56195.26644	56195.38672	505028.2	5409510.9
L5030.0	505028.2	5409510.9	4717.70020	309.70	55.85	48.838552	-86.931475	56217.17	56250.7	-0.65	56216.52	56227.72656	56196.39825	56196.41016	505028.2	5409510.9
L5030.0	505028.2	5409512.4	4717.79981	311.11	55.48	48.838565	-86.931475	56219.22	56250.7	-0.66	56218.56	56229.43750	56196.10979	56196.01953	505028.2	5409512.4
L5030.0	505028.2	5409514.0	4717.89990	311.49	55.48	48.838580	-86.931476	56221.40	56250.7	-0.67	56220.74	56231.27734	56196.98779	56196.79297	505028.2	5409514.0
L5030.0	505028.2	5409515.5	4718.00000	311.81	54.75	48.838593	-86.931476	56223.74	56250.7	-0.67	56223.07	56233.25781	56199.21931	56198.91797	505028.2	5409515.5
L5030.0	505028.2	5409515.5	4718.10010	311.55	54.75	48.838593	-86.931476	56226.08	56250.7	-0.67	56225.41	56235.24219	56200.10067	56199.69531	505028.2	5409515.5
L5030.0	505028.2	5409516.9	4718.20020	312.29	55.45	48.838606	-86.931476	56228.56	56250.7	-0.67	56227.89	56237.35547	56202.10655	56201.60156	505028.2	5409516.9
L5030.0	505028.2	5409518.1	4718.29981	313.55	56.7	48.838617	-86.931476	56231.18	56250.7	-0.67	56230.51	56239.60156	56205.24297	56204.63672	505028.2	5409518.1
L5030.0	505028.2	5409520.0	4718.39990	314.24	56.7	48.838634	-86.931476	56233.78	56250.7	-0.67	56233.11	56241.82422	56206.34184	56205.63672	505028.2	5409520.0
L5030.0	505028.2	5409521.1	4718.50000	314.23	56.65	48.838644	-86.931476	56236.57	56250.7	-0.67	56235.90	56244.22266	56209.55010	56208.75000	505028.2	5409521.1
L5030.0	505028.2	5409521.1	4718.60010	315.60	56.67	48.838644	-86.931476	56239.38	56250.7	-0.67	56238.71	56246.63672	56211.47939	56210.58203	505028.2	5409521.1
L5030.0	505028.2	5409522.9	4718.70020	315.00	56.67	48.838660	-86.931477	56242.36	56250.7	-0.67	56241.69	56249.21484	56215.13237	56214.14453	505028.2	5409522.9
L5030.0	505028.1	5409524.5	4718.79981	313.89	55.11	48.838675	-86.931477	56245.41	56250.7	-0.67	56244.74	56251.85938	56218.49886	56217.42188	505028.1	5409524.5
L5030.0	505028.1	5409525.7	4718.89990	314.61	57.18	48.838685	-86.931477	56248.59	56250.7	-0.67	56247.92	56254.62500	56222.78583	56221.62109	505028.1	5409525.7
L5030.0	505028.1	5409525.7	4719.00000	312.52	57.18	48.838685	-86.931477	56251.84	56250.7	-0.67	56251.17	56257.45313	56226.77830	56225.53125	505028.1	5409525.7
L5030.0	505028.1	5409527.2	4719.10010	311.58	54.1	48.838698	-86.931477	56255.20	56250.7	-0.67	56254.53	56260.39063	56231.28083	56229.95313	505028.1	5409527.2
L5030.0	505028.1	5409528.6	4719.20020	313.47	54.1	48.838711	-86.931477	56258.64	56250.7	-0.67	56257.97	56263.39844	56235.69609	56234.29297	505028.1	5409528.6
L5030.0	505028.1	5409530.0	4719.29981	309.71	56.98	48.838724	-86.931477	56262.27	56250.7	-0.67	56261.60	56266.59766	56242.20114	56240.72266	505028.1	5409530.0
L5030.0	505028.1	5409531.4	4719.39990	300.31	58.94	48.838737	-86.931477	56265.89	56250.7	-0.67	56265.22	56269.78125	56246.85811	56245.31250	505028.1	5409531.4
L5030.0	505028.1	5409532.8	4719.50000	309.53	58.94	48.838749	-86.931478	56269.64	56250.7	-0.67	56268.97	56273.08984	56252.44010	56250.83203	505028.1	5409532.8
L5030.0	505028.1	5409532.8	4719.60010	313.53	53.1	48.838749	-86.931478	56273.45	56250.7	-0.67	56272.78	56276.45313	56257.61757	56255.94922	505028.1	5409532.8
L5030.0	505028.0	5409534.5	4719.70020	312.86	53.21	48.838764	-86.931478	56277.40	56250.7	-0.67	56276.73	56279.95703	56263.94366	56262.21875	505028.0	5409534.5
L5030.0	505028.0	5409536.0	4719.79981	312.96	53.21	48.838777	-86.931478	56281.38	56250.7	-0.67	56280.71	56283.48828	56269.38539	56267.60938	505028.0	5409536.0
L5030.0	505028.0	5409537.2	4719.89990	307.29	56.41	48.838788	-86.931479	56285.56	56250.7	-0.67	56284.89	56287.21875	56277.12450	56275.30469	505028.0	5409537.2
L5030.0	505027.9	5409538.6	4720.00000	306.59	56.41	48.838801	-86.931479	56289.76	56250.7	-0.67	56289.09	56290.96875	56283.89284	56282.03516	505027.9	5409538.6
L5030.0	505027.9	5409538.6	4720.10010	310.50	56.21	48.838801	-86.931479	56293.98	56250.7	-0.67	56293.31	56294.73438	56289.79611	56287.90234	505027.9	5409538.6
L5030.0	505027.9	5409540.0	4720.20020	305.34	56.21	48.838814	-86.931480	56298.38	56250.7	-0.68	56297.70	56298.67188	56297.56266	56295.64063	505027.9	5409540.0
L5030.0	505027.9	5409541.7	4720.29981	304.26	55.48	48.838829	-86.931480	56302.79	56250.7	-0.68	56302.11	56302.62891	56304.62100	56302.67969	505027.9	5409541.7
L5030.0	505027.8	5409542.9	4720.39990	312.84	53.74	48.838840	-86.931480	56307.34	56250.7	-0.69	56306.65	56306.71875	56312.96818	56311.00781	505027.8	5409542.9
L5030.0	505027.8	5409544.6	4720.50000	311.10	53.95	48.838856	-86.931481	56311.88	56250.7	-0.69	56311.19	56310.80469	56320.46971	56318.50000	505027.8	5409544.6
L5030.0	505027.8	5409544.6	4720.60010	312.24	53.95	48.838856	-86.931481	56316.42	56250.7	-0.69	56315.72	56314.88672	56327.08708	56325.11328	505027.8	5409544.6
L5030.0	505027.8	5409546.2	4720.70020	310.37	52.58	48.838870	-86.931481	56321.15	56250.7	-0.70	56320.45	56319.16797	56336.47418	56334.50781	505027.8	5409546.2
L5030.0	505027.7	5409547.9	4720.79981	313.05	52.58	48.838885	-86.931482	56325.86	56250.7	-0.70	56325.16	56323.42969	56345.04583	56343.08984	505027.7	5409547.9
L5030.0	505027.7	5409549.1	4720.89990	306.21	52.98	48.838895	-86.931482	56330.58	56250.7	-0.71	56329.87	56327.69922	56353.27140	56351.33203	505027.7	5409549.1
L5030.0	505027.7	5409549.1	4721.00000	305.74	52.34	48.838895	-86.931482	56335.39	56250.7	-0.71	56334.68	56332.06641	56362.96182	56361.04688	505027.7	5409549.1
L5030.0	505027.7	5409550.6	4721.10010	304.29	52.34	48.838909	-86.931483	56340.11	56250.7	-0.71	56339.39	56336.33984	56370.87648	56368.99609	505027.7	5409550.6
L5030.0	505027.6	5409551.7	4721.20020	304.53	51.29	48.838919	-86.931483	56344.90	56250.7	-0.71	56344.19	56340.70703	56380.36154	56378.51953	505027.6	5409551.7
L5030.0	505027.6	5409553.4	4721.29981	312.25	51.29	48.838934	-86.931484	56349.70	56250.7	-0.71	56348.99	56345.07813	56390.02452	56388.23438	505027.6	5409553.4

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5030.0	505027.5	5409554.9	4721.39990	309.76	52.93	48.838948	-86.931485	56354.37	56250.7	-0.71	56353.66	56349.32422	56397.71320	56395.97656	505027.5	5409554.9
L5030.0	505027.5	5409556.0	4721.50000	308.74	52.93	48.838958	-86.931485	56358.98	56250.7	-0.72	56358.27	56353.51563	56404.69957	56403.02734	505027.5	5409556.0
L5030.0	505027.4	5409557.2	4721.60010	308.72	52.08	48.838969	-86.931486	56363.36	56250.7	-0.72	56362.64	56357.47266	56407.85370	56406.25391	505027.4	5409557.2
L5030.0	505027.4	5409557.2	4721.70020	311.70	51.92	48.838969	-86.931486	56367.90	56250.7	-0.72	56367.18	56361.60547	56414.55282	56413.03516	505027.4	5409557.2
L5030.0	505027.4	5409559.3	4721.79981	310.63	49.05	48.838988	-86.931487	56372.44	56250.7	-0.72	56371.72	56365.74609	56421.92310	56420.49219	505027.4	5409559.3
L5030.0	505027.3	5409560.8	4721.89990	310.22	49.05	48.839001	-86.931487	56377.13	56250.7	-0.72	56376.41	56370.04688	56432.85694	56431.52344	505027.3	5409560.8
L5030.0	505027.3	5409560.8	4722.00000	311.21	51.31	48.839001	-86.931487	56381.91	56250.7	-0.72	56381.19	56374.43750	56446.44801	56445.22266	505027.3	5409560.8
L5030.0	505027.3	5409562.2	4722.10010	313.01	51.31	48.839013	-86.931488	56386.68	56250.7	-0.72	56385.96	56378.83203	56460.98604	56459.87500	505027.3	5409562.2
L5030.0	505027.2	5409564.0	4722.20020	311.91	54.51	48.839030	-86.931488	56391.30	56250.7	-0.73	56390.57	56383.07031	56473.74161	56472.75391	505027.2	5409564.0
L5030.0	505027.2	5409564.0	4722.29981	315.03	54.51	48.839030	-86.931488	56395.62	56250.7	-0.73	56394.89	56387.03125	56482.28575	56481.43359	505027.2	5409564.0
L5030.0	505027.2	5409565.9	4722.39990	315.10	54.26	48.839047	-86.931489	56399.82	56250.7	-0.73	56399.09	56390.87891	56489.88726	56489.17578	505027.2	5409565.9
L5030.0	505027.2	5409567.2	4722.50000	315.09	54.26	48.839059	-86.931489	56403.86	56250.7	-0.74	56403.12	56394.56641	56495.65519	56495.09375	505027.2	5409567.2
L5030.0	505027.2	5409568.8	4722.60010	313.74	48.35	48.839073	-86.931489	56407.58	56250.7	-0.74	56406.84	56397.95313	56496.93503	56496.53516	505027.2	5409568.8
L5030.0	505027.2	5409568.8	4722.70020	312.57	51.71	48.839073	-86.931489	56411.43	56250.7	-0.74	56410.69	56401.48047	56502.27231	56502.03906	505027.2	5409568.8
L5030.0	505027.2	5409570.0	4722.79981	312.98	51.71	48.839084	-86.931489	56415.14	56250.7	-0.74	56414.39	56404.86719	56506.33430	56506.28125	505027.2	5409570.0
L5030.0	505027.2	5409571.6	4722.89990	312.96	51.71	48.839098	-86.931489	56418.94	56250.7	-0.75	56418.19	56408.36719	56514.00727	56514.14453	505027.2	5409571.6
L5030.0	505027.2	5409573.2	4723.00000	312.36	51.63	48.839112	-86.931489	56422.82	56250.8	-0.75	56422.07	56411.95703	56524.92481	56525.25781	505027.2	5409573.2
L5030.0	505027.1	5409574.5	4723.10010	311.54	49.29	48.839124	-86.931489	56426.46	56250.8	-0.76	56425.71	56415.31641	56532.95992	56533.50000	505027.1	5409574.5
L5030.0	505027.1	5409574.5	4723.20020	311.01	49.29	48.839124	-86.931489	56430.02	56250.8	-0.76	56429.25	56418.58984	56540.87713	56541.63281	505027.1	5409574.5
L5030.0	505027.1	5409575.9	4723.29981	311.95	50.46	48.839137	-86.931489	56433.38	56250.8	-0.77	56432.61	56421.69531	56547.20567	56548.18750	505027.1	5409575.9
L5030.0	505027.1	5409577.5	4723.39990	312.20	50.46	48.839151	-86.931489	56436.44	56250.8	-0.77	56435.67	56424.51563	56549.81206	56551.03125	505027.1	5409577.5
L5030.0	505027.1	5409577.5	4723.50000	311.19	50.46	48.839151	-86.931489	56439.40	56250.8	-0.78	56438.62	56427.23438	56552.39601	56553.85938	505027.1	5409577.5
L5030.0	505027.1	5409579.1	4723.60010	311.21	50.11	48.839165	-86.931489	56442.21	56250.8	-0.79	56441.43	56429.82813	56554.48984	56556.20703	505027.1	5409579.1
L5030.0	505027.2	5409580.6	4723.70020	312.96	52.16	48.839179	-86.931489	56444.89	56250.8	-0.79	56444.10	56432.29297	56556.18212	56558.16406	505027.2	5409580.6
L5030.0	505027.2	5409580.6	4723.79981	313.69	52.16	48.839179	-86.931489	56447.57	56250.8	-0.80	56446.77	56434.77344	56560.05306	56562.30859	505027.2	5409580.6
L5030.0	505027.1	5409582.5	4723.89990	307.86	40.62	48.839196	-86.931489	56450.07	56250.8	-0.80	56449.27	56437.09766	56563.08847	56565.62500	505027.1	5409582.5
L5030.0	505027.1	5409584.0	4724.00000	301.45	40.62	48.839210	-86.931489	56452.39	56250.8	-0.81	56451.58	56439.24609	56565.01353	56567.84375	505027.1	5409584.0
L5030.0	505027.1	5409584.0	4724.10010	311.37	52.54	48.839210	-86.931489	56454.67	56250.8	-0.81	56453.86	56441.37891	56568.59671	56571.72656	505027.1	5409584.0
L5030.0	505027.1	5409585.7	4724.20020	307.08	52.54	48.839225	-86.931489	56456.58	56250.8	-0.81	56455.76	56443.14844	56567.77142	56571.21094	505027.1	5409585.7
L5030.0	505027.1	5409587.0	4724.29981	307.83	50.21	48.839237	-86.931489	56458.42	56250.8	-0.82	56457.60	56444.87109	56568.06681	56571.82813	505027.1	5409587.0
L5030.0	505027.1	5409588.6	4724.39990	307.91	50.21	48.839251	-86.931490	56460.08	56250.8	-0.82	56459.26	56446.42969	56567.36949	56571.45703	505027.1	5409588.6
L5030.0	505027.1	5409589.7	4724.50000	308.65	49.56	48.839261	-86.931490	56461.61	56250.8	-0.82	56460.79	56447.87109	56566.48707	56570.91406	505027.1	5409589.7
L5030.0	505027.1	5409589.7	4724.60010	309.92	48.53	48.839261	-86.931490	56463.01	56250.8	-0.82	56462.19	56449.19922	56565.39435	56570.16797	505027.1	5409589.7
L5030.0	505027.1	5409591.1	4724.70020	311.89	48.53	48.839273	-86.931490	56464.18	56250.8	-0.82	56463.36	56450.31250	56562.45623	56567.58594	505027.1	5409591.1
L5030.0	505027.1	5409592.4	4724.79981	310.09	48.53	48.839286	-86.931490	56465.31	56250.8	-0.83	56464.48	56451.39063	56560.64951	56566.14453	505027.1	5409592.4
L5030.0	505027.1	5409594.0	4724.89990	308.31	49.65	48.839299	-86.931490	56466.36	56250.8	-0.83	56465.53	56452.41797	56559.60961	56565.47656	505027.1	5409594.0
L5030.0	505027.1	5409595.4	4725.00000	309.75	47.79	48.839312	-86.931490	56467.43	56250.8	-0.83	56466.60	56453.47656	56560.70581	56566.95313	505027.1	5409595.4
L5030.0	505027.1	5409595.4	4725.10010	309.47	47.79	48.839312	-86.931490	56468.19	56250.8	-0.83	56467.36	56454.24609	56558.73791	56565.37500	505027.1	5409595.4
L5030.0	505027.1	5409597.0	4725.20020	312.54	52.42	48.839326	-86.931490	56468.91	56250.8	-0.83	56468.07	56454.98047	56557.79667	56564.83203	505027.1	5409597.0
L5030.0	505027.1	5409598.3	4725.29981	309.08	52.42	48.839338	-86.931490	56469.37	56250.8	-0.84	56468.53	56455.48047	56554.88781	56562.33203	505027.1	5409598.3
L5030.0	505027.1	5409598.3	4725.39990	310.54	52.93	48.839338	-86.931490	56469.82	56250.8	-0.84	56468.99	56455.99609	56553.75369	56561.60938	505027.1	5409598.3
L5030.0	505027.1	5409600.2	4725.50000	309.57	52.53	48.839355	-86.931490	56470.11	56250.8	-0.84	56469.27	56456.35156	56551.75897	56560.03906	505027.1	5409600.2
L5030.0	505027.1	5409601.5	4725.60010	311.49	52.53	48.839367	-86.931490	56470.41	56250.8	-0.84	56469.57	56456.74219	56551.70170	56560.41016	505027.1	5409601.5
L5030.0	505027.1	5409602.7	4725.70020	308.43	50.94	48.839378	-86.931490	56470.44	56250.8	-0.84	56469.59	56456.86719	56545.22158	56554.36719	505027.1	5409602.7
L5030.0	505027.1	5409604.3	4725.79981	311.20	50.94	48.839393	-86.931490	56470.46	56250.8	-0.85	56469.62	56457.02344	56546.20281	56555.79688	505027.1	5409604.3
L5030.0	505027.1	5409604.3	4725.89990	311.63	53.34	48.839393	-86.931490	56470.28	56250.8	-0.85	56469.43	56456.97266	56544.42158	56554.46484	505027.1	5409604.3
L5030.0	505027.1	5409605.9	4726.00000	312.34	53.34	48.839407	-86.931490	56469.95	56250.8	-0.85	56469.10	56456.80078	56542.39625	56552.90234	505027.1	5409605.9
L5030.0	505027.1	5409605.9	4726.10010	302.16	53.12	48.839407	-86.931490	56469.44	56250.9	-0.85	56468.59	56456.46484	56539.16576	56550.13672	505027.1	5409605.9
L5030.0	505027.1	5409607.6	4726.20020	300.30	53.12	48.839422	-86.931490	56468.73	56250.9	-0.86	56467.87	56455.93750	56534.15734	56545.60156	505027.1	5409607.6
L5030.0	505027.1	5409609.0	4726.29981	299.88	45.38	48.839434	-86.931489	56467.76	56250.9	-0.86	56466.90	56455.17578	56526.60929	56538.53125	505027.1	5409609.0
L5030.0	505027.1	5409610.8	4726.39990	307.04	45.38	48.839451	-86.931489	56466.82	56250.9	-0.86	56465.95	56454.44922	56523.35572	56535.76563	505027.1	5409610.8
L5030.0	505027.1	5409612.2	4726.50000	306.33	43.98	48.839463	-86.931489	56465.77	56250.9	-0.86	56464.90	56453.64453	56521.31956	56534.21875	505027.1	5409612.2
L5030.0	505027.1	5409612.2	4726.60010	299.50	43.98	48.839463	-86.931489	56464.64	56250.9	-0.87	56463.78	56452.78125	56521.22238	56534.62109	505027.1	5409612.2
L5030.0	505027.2	5409614.3	4726.70020	298.19	51.09	48.839483	-86.931489	56463.37	56250.9	-0.87	56462.50	56451.77734	56521.02447	56534.92578	505027.2	5409614.3
L5030.0	505027.2	5409614.3	4726.79981	304.43	50.35	48.839483	-86.931489	56461.91	56250.9	-0.87	56461.04	56450.60938	56520.41266	56534.82031	505027.2	5409614.3
L5030.0	505027.2	5409615.9	4726.89990	303.91	50.35	48.839497	-86.931489	56460.36	56250.9	-0.88	56459.48	56449.35938	56521.34279	56536.26563	505027.2	5409615.9
L5030.0	505027.2	5409617.5	4727.00000	302.94	53.69	48.839511	-86.931489	56458.44	56250.9	-0.88	56457.56	56447.76563	56518.04879	56533.48828	505027.2	5409617.5
L5030.0	505027.2	5409619.2	4727.10010	303.31	53.69	48.839526	-86.931489	56456.48	56250.9	-0.89	56455.59	56446.13672	56517.64148	56533.60547	505027.2	5409619.2
L5030.0	505027.2	5409620.3	4727.20020	304.93	43.36	48.839537	-86.931489	56454.36	56250.9	-0.89	56453.46	56444.36328	56517.70384	56534.19531	505027.2	5409620.3
L5030.0	505027.2	5409620.3	4727.29981	304.74	43.17	48.839537	-86.931489	56451.98	56250.9	-0.90	56451.08	56442.35938	56516.18141	56533.20703	505027.2	5409620.3
L5030.0	505027.2	5409622.4	4727.39990	305.12	43.17	48.839555	-86.931489	56449.36	56250.9	-0.91	56448.45	56440.11719	56512.99355	56530.55469	505027.2	5409622.4
L5030.0	505027.2	5409622.4	4727.50000	305.51	46.76	48.839555	-86.931489	56446.55	56250.9	-0.91	56445.64	56437.71484	56509.76994	56527.86719	505027.2	5409622.4
L5030.0	505027.2	5409623.9	4727.60010	304.61	49.99	48.839568	-86.931489	56443.64	56250.9	-0.92	56442.72	56435.21875	56508.29713	56526.93750	505027.2	5409623.9
L5030.0	505027.2	5409625.3	4727.70020	305.33	49.99	48.839582	-86.931489	56440.48	56250.9	-0.93	56439.55	56432.48438	56505.01617	56524.20313	505027.2	5409625.3
L5030.0	505027.2	5409626.7	4727.79981	307.74	45.55	48.839594	-86.931489	56437.23	56250.9	-0.94	56436.30	56429.68750	56504.35749	56524.09375	505027.2	5409626.7
L5030.0	505027.2	5409626.7	4727.89990	307.14	45.55	48.839594	-86.931489	56433.84	56250.9	-0.94	56432.90	56426.75781	56504.51728	56524.80469	505027.2	5409626.7
L5030.0	505027.1	5409628.8	4728.00000	305.84	45.87	48.839613	-86.931489	56430.16	56250.9	-0.95	56429.21	56423.55078	56501.46045	56522.30078	505027.1	5409628.8
L5030.0	505027.1	5409630.2	4728.10010	308.16	45.87	48.839625	-86.931489	56426.32	56250.9	-0.95	56425.37	56420.20703	56498.86913	56520.26563	505027.1	5409630.2
L5030.0	505027.1	5409632.1	4728.20020	307.31	45.87	48.839642	-86.931490	56422.16	56250.9	-0.95	56421.21	56416.56250	56491.53966	56513.49609	505027.1	5409632.1
L5030.0	505027.1	5409632.1	4728.29981	307.22	45.67	48.839642	-86.931490	56417.99	56250.9	-0.95	56417.04	56412.91797	56488.37270	56510.88672	505027.1	5409632.1
L5030.0	505027.0	5409633.7	4728.39990	309.22	45.67	48.839657	-86.931490	56413.55	56250.9	-0.95	56412.60	56409.01953	56493.38391	56516.46094	505027.0	5409633.7
L5030.0	505027.0	5409635.5	4728.50000	308.69	42.41	48.839673	-86.931491	56409.19	56250.9	-0.95	56408.24	56405.21484	56489.53927	56513.17578	505027.0	5409635.5
L5030.0	505027.0	5409635.5	4728.60010	307.81	43.69	48.839673	-86.931491	56404.54	56250.9	-0.95	56403.59	56401.13672	56483.36291	56507.56250	505027.0	5409635.5
L5030.0	505027.0	5409637.1	4728.70020	307.61	43.69	48.839688	-86.931491	56399.92	56250.9	-0.95	56398.97	56397.09766	56479.38525	56504.14844	505027.0	5409637.1
L5030.0	505026.9	5409638.8	4728.79981	309.86	47.02	48.839702	-86.931492	56394.77	56250.9	-0.95	56393.82	56392.54297	56469.25030	56494.57813	505026.9	5409638.8
L5030.0	505026.9	5409640.5	4728.89990	311.29	47.02	48.839718	-86.931492	56389.74	56250.9	-0.95	56388.79	56388.12500	56462.53819	56488.42578	505026.9	5409640.5
L5030.0	505026.9	5409640.5	4729.00000	309.11	47.96	48.839718	-86.931492	56384.54	56250.9	-0.95	56383.59	56383.54688	56454.84511	56481.29688	505026.9	5409640.5
L5030.0	505026.8	5409642.0	4729.10010	307.82	47.96	48.839731	-86.931493	56379.36	56251	-0.95	56378.40	56378.98828	56448.96056	56475.97266	505026.8	5409642.0
L5030.0	505026.8	5409643.4	4729.20020	306.81	46.38	48.839744	-86.931493	56374.25	56251	-0.96	56373.29	56374.52734	56446.10347	56473.67969	505026.8	5409643.4
L5030.0	505026.8	5409643.4	4729.29981	306.58	46.38	48.839744	-86.931493	56368.99	56251	-0.96	56368.03	56369.92578	56442.47309	56470.60547	505026.8	5409643.4
L5030.0	505026.8	5409645.0	4729.39990	306.43	48.26	48.839759	-86.931493	56363.66	56251	-0.96	56362.70	56365.26563	56439.31617	56468.00781	505026.8	5409645.0
L5030.0	505026.8	5409646.9	4729.50000	307.41	47.95	48.839776	-86.931493	56358.14	56251	-0.96	56357.18	56360.42578	56434.40590	56463.65625	505026.8	5409646.9
L5030.0	505026.8	5409648.2	4729.60010	307.88	47.95	48.839788	-86.931493	56352.40	56251	-0.97	56351.43	56355.36719	56426.78935	56456.59375	505026.8	5409648.2
L5030.0	505026.8	5409648.2	4729.70020	315.56	48.46	48.839788	-86.931493	56346.62	56251	-0.97	56345.65	56350.28906	56419.93460	56450.28906	505026.8	5409648.2
L5030.0	505026.8	5409649.8	4729.79981	314.43	48.46	48.839802	-86.931493	56340.77	56251	-0.97	56339.79	56345.14453	56412.84582	56443.75000	505026.8	5409649.8
L5030.0	505026.8	5409651.7	4729.89990	314.93	47.7	48.839818	-86.931493	56334.87	56251	-0.98	56333.89	56339.96875	56406.18630	56437.63672	505026.8	5409651.7
L5030.0	505026.8	5409653.1	4730.00000	316.10	47.7	48.839831	-86.931493	56328.90	56251	-0.98	56327.92	56334.73047	56399.28890	56431.28516	505026.8	5409653.1
L5030.0	505026.8	5409653.1	4730.10010	315.85	49.32	48.839831	-86.931493	56322.78	56251	-0.98	56321.79	56329.34375	56390.24568	56422.78125	505026.8	5409653.1
L5030.0	505026.9	5409654.4	4730.20020	315.85	49.32	48.839843	-86.931493	56316.73	56251	-0.99	56315.74	56324.04688	56383.71568	56416.78906	505026.9	5409654.4
L5030.0	505026.9	5409655.8	4730.29981	305.39	47.73	48.839855	-86.931492	56310.43	56251	-0.99	56309.44	56318.50781	56372.96163	56406.57031	505026.9	5409655.8
L5030.0	505026.9	5409655.8	4730.39990	316.73	49.12	48.839855	-86.931492	56304.14	56251	-0.99	56303.15	56312.98438	56363.08817	56397.22266	505026.9	5409655.8
L5030.0	505026.9	5409657.1	4730.50000	316.87	49.12	48.839868	-86.931492	56297.94	56251	-1.00	56296.95	56307.56250	56355.65708	56390.31641	505026.9	5409657.1
L5030.0	505026.9	5409658.9	4730.60010	317.97	46.26	48.839884	-86.931492	56291.54	56251	-1.00	56290.54	56301.93750	56344.39613	56379.57813	505026.9	5409658.9

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5030.0	505026.9	5409660.1	4730.70020	316.79	49.13	48.839894	-86.931492	56285.21	56251	-1.00	56284.21	56296.39844	56335.17070	56370.86719	505026.9	5409660.1
L5030.0	505026.9	5409660.1	4730.79981	314.70	49.13	48.839894	-86.931492	56278.72	56251	-1.00	56277.72	56290.71094	56322.95892	56359.16406	505026.9	5409660.1
L5030.0	505026.9	5409661.7	4730.89990	313.77	50.19	48.839909	-86.931492	56272.31	56251	-1.01	56271.30	56285.09766	56312.41396	56349.12500	505026.9	5409661.7
L5030.0	505026.9	5409663.4	4731.00000	311.95	51.57	48.839924	-86.931492	56265.84	56251	-1.01	56264.83	56279.43750	56301.00237	56338.21484	505026.9	5409663.4
L5030.0	505026.9	5409663.4	4731.10010	312.92	51.57	48.839924	-86.931492	56259.38	56251	-1.02	56258.37	56273.79688	56289.87889	56327.58594	505026.9	5409663.4
L5030.0	505026.9	5409665.4	4731.20020	311.10	51.57	48.839942	-86.931491	56252.95	56251	-1.02	56251.92	56268.17188	56278.96586	56317.16016	505026.9	5409665.4
L5030.0	505026.9	5409667.1	4731.29981	311.35	52.68	48.839957	-86.931491	56246.52	56251	-1.03	56245.49	56262.57422	56268.37842	56307.05469	505026.9	5409667.1
L5030.0	505026.9	5409667.1	4731.39990	313.13	47.65	48.839957	-86.931491	56240.12	56251	-1.03	56239.08	56257.00000	56258.02569	56297.17578	505026.9	5409667.1
L5030.0	505026.9	5409668.9	4731.50000	313.05	48.75	48.839974	-86.931491	56233.74	56251	-1.04	56232.70	56251.46094	56248.00699	56287.62500	505026.9	5409668.9
L5030.0	505026.9	5409670.6	4731.60010	313.83	48.75	48.839988	-86.931491	56227.31	56251	-1.05	56226.26	56245.86719	56236.63382	56276.71484	505026.9	5409670.6
L5030.0	505026.9	5409670.6	4731.70020	312.22	52.28	48.839988	-86.931491	56220.92	56251.1	-1.05	56219.87	56240.32422	56225.87777	56266.41797	505026.9	5409670.6
L5030.0	505026.9	5409672.5	4731.79981	305.63	52.28	48.840006	-86.931491	56214.52	56251.1	-1.06	56213.46	56234.76953	56214.46871	56255.45703	505026.9	5409672.5
L5030.0	505026.9	5409673.8	4731.89990	303.85	49.74	48.840018	-86.931491	56208.06	56251.1	-1.06	56207.00	56229.16406	56201.94693	56243.37500	505026.9	5409673.8
L5030.0	505026.9	5409673.8	4732.00000	312.40	49.74	48.840018	-86.931491	56201.60	56251.1	-1.07	56200.53	56223.55469	56189.03248	56230.89453	505026.9	5409673.8
L5030.0	505026.9	5409675.5	4732.10010	313.29	52.38	48.840033	-86.931491	56195.21	56251.1	-1.07	56194.13	56218.01953	56176.96509	56219.25000	505026.9	5409675.5
L5030.0	505026.9	5409676.9	4732.20020	313.71	52.38	48.840045	-86.931492	56188.99	56251.1	-1.08	56187.91	56212.66797	56167.24643	56209.95313	505026.9	5409676.9
L5030.0	505026.9	5409678.3	4732.29981	311.36	50.75	48.840058	-86.931492	56182.79	56251.1	-1.08	56181.71	56207.33594	56157.34654	56200.46094	505026.9	5409678.3
L5030.0	505026.9	5409679.7	4732.39990	308.10	53.64	48.840070	-86.931492	56177.00	56251.1	-1.09	56175.91	56202.40625	56152.38867	56195.90625	505026.9	5409679.7
L5030.0	505026.9	5409679.7	4732.50000	306.34	54.06	48.840070	-86.931492	56171.30	56251.1	-1.10	56170.20	56197.56641	56156.79824	56200.70703	505026.9	5409679.7
L5030.0	505026.8	5409681.7	4732.60010	307.68	54.06	48.840089	-86.931493	56165.64	56251.1	-1.10	56164.54	56192.78125	56153.53281	56197.82813	505026.8	5409681.7
L5030.0	505026.8	5409682.9	4732.70020	297.99	54.06	48.840099	-86.931493	56160.16	56251.1	-1.11	56159.06	56188.17969	56152.44237	56197.11719	505026.8	5409682.9
L5030.0	505026.8	5409682.9	4732.79981	297.94	54.06	48.840099	-86.931493	56154.56	56251.1	-1.11	56153.45	56183.44531	56145.14288	56190.18359	505026.8	5409682.9
L5030.0	505026.8	5409684.5	4732.89990	297.40	54.06	48.840113	-86.931493	56149.13	56251.1	-1.12	56148.02	56178.89453	56140.13317	56185.53516	505026.8	5409684.5
L5030.0	505026.7	5409686.0	4733.00000	307.49	54.33	48.840127	-86.931494	56143.64	56251.1	-1.12	56142.52	56174.26953	56131.07944	56176.83203	505026.7	5409686.0
L5030.0	505026.7	5409687.4	4733.10010	306.36	54.65	48.840139	-86.931494	56138.36	56251.1	-1.12	56137.24	56169.87109	56125.27537	56171.37109	505026.7	5409687.4
L5030.0	505026.7	5409687.4	4733.20020	303.76	54.65	48.840139	-86.931494	56133.09	56251.1	-1.12	56131.96	56165.46875	56117.36897	56163.79688	505026.7	5409687.4
L5030.0	505026.7	5409688.9	4733.29981	303.39	53.98	48.840154	-86.931494	56127.93	56251.1	-1.12	56126.80	56161.18750	56110.23967	56156.99219	505026.7	5409688.9
L5030.0	505026.7	5409690.3	4733.39990	301.95	53.98	48.840166	-86.931494	56122.90	56251.1	-1.12	56121.77	56157.03516	56104.05311	56151.12109	505026.7	5409690.3
L5030.0	505026.7	5409691.9	4733.50000	303.70	53.98	48.840180	-86.931494	56118.04	56251.1	-1.13	56116.92	56153.06250	56099.85014	56147.22266	505026.7	5409691.9
L5030.0	505026.7	5409691.9	4733.60010	299.51	58.46	48.840180	-86.931494	56113.26	56251.1	-1.13	56112.13	56149.14844	56094.95702	56142.62891	505026.7	5409691.9
L5030.0	505026.7	5409693.2	4733.70020	300.14	65.44	48.840192	-86.931494	56108.71	56251.1	-1.13	56107.58	56145.47656	56093.26847	56141.23047	505026.7	5409693.2
L5030.0	505026.7	5409694.4	4733.79981	305.32	64.31	48.840202	-86.931494	56104.08	56251.1	-1.13	56102.95	56141.72266	56087.87261	56136.11328	505026.7	5409694.4
L5030.0	505026.7	5409695.8	4733.89990	305.95	64.31	48.840215	-86.931494	56099.57	56251.1	-1.13	56098.45	56138.09375	56083.29056	56131.80078	505026.7	5409695.8
L5030.0	505026.7	5409695.8	4734.00000	308.22	65.17	48.840215	-86.931494	56095.05	56251.1	-1.13	56093.92	56134.43750	56076.02951	56124.80078	505026.7	5409695.8
L5030.0	505026.8	5409696.9	4734.10010	309.22	59.12	48.840225	-86.931493	56090.72	56251.1	-1.14	56089.58	56130.96875	56070.81807	56119.84375	505026.8	5409696.9
L5030.0	505026.8	5409698.3	4734.20020	309.58	59.12	48.840238	-86.931493	56086.53	56251.1	-1.14	56085.39	56127.64844	56066.80526	56116.07422	505026.8	5409698.3
L5030.0	505026.8	5409698.3	4734.29981	308.15	65.93	48.840238	-86.931493	56082.32	56251.1	-1.15	56081.18	56124.30469	56060.16374	56109.66797	505026.8	5409698.3
L5030.0	505026.8	5409699.9	4734.39990	309.15	65.93	48.840252	-86.931492	56078.18	56251.2	-1.15	56077.03	56121.01953	56052.58197	56102.31250	505026.8	5409699.9
L5030.0	505026.9	5409701.5	4734.50000	304.70	64.21	48.840267	-86.931492	56074.38	56251.2	-1.16	56073.22	56118.07031	56050.64332	56100.58984	505026.9	5409701.5
L5030.0	505026.9	5409701.5	4734.60010	303.47	65.72	48.840267	-86.931492	56070.59	56251.2	-1.17	56069.42	56115.13281	56046.69926	56096.85547	505026.9	5409701.5
L5030.0	505026.9	5409703.3	4734.70020	301.93	65.72	48.840283	-86.931491	56066.84	56251.2	-1.17	56065.67	56112.23828	56041.59930	56091.95703	505026.9	5409703.3
L5030.0	505026.9	5409704.7	4734.79981	303.02	70	48.840296	-86.931491	56063.25	56251.2	-1.18	56062.08	56109.50391	56038.06610	56088.61328	505026.9	5409704.7
L5030.0	505026.9	5409706.1	4734.89990	301.79	69.97	48.840308	-86.931491	56059.74	56251.2	-1.18	56058.55	56106.82813	56033.59689	56084.32813	505026.9	5409706.1
L5030.0	505026.9	5409706.1	4735.00000	303.11	69.97	48.840308	-86.931491	56056.27	56251.2	-1.19	56055.08	56104.20703	56028.11048	56079.01953	505026.9	5409706.1
L5030.0	505026.9	5409707.7	4735.10010	303.74	70.3	48.840322	-86.931491	56052.93	56251.2	-1.19	56051.74	56101.71484	56023.45260	56074.52734	505026.9	5409707.7
L5030.0	505027.0	5409709.3	4735.20020	306.45	70.3	48.840337	-86.931490	56049.70	56251.2	-1.19	56048.51	56099.33203	56019.11765	56070.35156	505027.0	5409709.3
L5030.0	505027.0	5409709.3	4735.29981	306.62	70.44	48.840337	-86.931490	56046.58	56251.2	-1.18	56045.40	56097.06250	56015.41343	56066.79688	505027.0	5409709.3
L5030.0	505027.0	5409710.9	4735.39990	306.47	70.44	48.840352	-86.931490	56043.52	56251.2	-1.18	56042.34	56094.83984	56010.32907	56061.85938	505027.0	5409710.9
L5030.0	505027.0	5409712.3	4735.50000	306.00	70.4	48.840364	-86.931490	56040.66	56251.2	-1.18	56039.48	56092.81641	56008.32861	56059.99219	505027.0	5409712.3
L5030.0	505027.0	5409712.3	4735.60010	307.74	70.76	48.840364	-86.931490	56037.76	56251.2	-1.18	56036.58	56090.75000	55996.38500	56048.17969	505027.0	5409712.3
L5030.0	505027.0	5409714.2	4735.70020	307.61	70.76	48.840381	-86.931490	56035.02	56251.2	-1.18	56033.85	56088.85156	55992.53789	56044.45313	505027.0	5409714.2
L5030.0	505027.0	5409715.4	4735.79981	308.72	54.65	48.840391	-86.931490	56032.39	56251.2	-1.17	56031.22	56087.05078	55988.87541	56040.90234	505027.0	5409715.4
L5030.0	505027.0	5409717.0	4735.89990	309.29	54.65	48.840407	-86.931490	56029.82	56251.2	-1.17	56028.64	56085.29297	55984.69792	56036.83203	505027.0	5409717.0
L5030.0	505027.0	5409718.6	4736.00000	307.44	54.45	48.840421	-86.931490	56027.36	56251.2	-1.17	56026.19	56083.66406	55981.17954	56033.41406	505027.0	5409718.6
L5030.0	505027.0	5409718.6	4736.10010	308.50	56.91	48.840421	-86.931490	56025.11	56251.2	-1.18	56023.93	56082.22656	55979.26849	56031.59766	505027.0	5409718.6
L5030.0	505027.0	5409719.9	4736.20020	310.27	56.91	48.840432	-86.931490	56022.91	56251.2	-1.18	56021.72	56080.83203	55976.90424	56029.32031	505027.0	5409719.9
L5030.0	505027.0	5409720.9	4736.29981	313.78	59.87	48.840441	-86.931490	56020.78	56251.2	-1.19	56019.59	56079.51563	55974.52907	56027.02734	505027.0	5409720.9
L5030.0	505027.0	5409722.1	4736.39990	313.17	60.4	48.840452	-86.931490	56018.84	56251.2	-1.19	56017.65	56078.38281	55973.84970	56026.42188	505027.0	5409722.1
L5030.0	505027.0	5409723.4	4736.50000	311.91	60.4	48.840464	-86.931490	56016.79	56251.2	-1.20	56015.59	56077.13281	55970.08573	56022.73047	505027.0	5409723.4
L5030.0	505027.0	5409725.0	4736.60010	307.35	67.75	48.840478	-86.931490	56014.91	56251.2	-1.21	56013.71	56076.05859	55967.89357	56020.60156	505027.0	5409725.0
L5030.0	505027.0	5409725.0	4736.70020	308.42	68.21	48.840478	-86.931490	56013.09	56251.2	-1.21	56011.88	56075.03125	55965.27344	56018.03906	505027.0	5409725.0
L5030.0	505027.0	5409726.2	4736.79981	315.26	68.21	48.840489	-86.931490	56011.38	56251.2	-1.22	56010.16	56074.10938	55963.18063	56016.00000	505027.0	5409726.2
L5030.0	505027.0	5409728.0	4736.89990	307.62	70.57	48.840505	-86.931490	56009.58	56251.2	-1.22	56008.35	56073.09766	55958.51189	56011.37891	505027.0	5409728.0
L5030.0	505027.0	5409729.2	4737.00000	305.58	68.16	48.840516	-86.931490	56008.08	56251.2	-1.23	56006.85	56072.39063	55957.53714	56010.44922	505027.0	5409729.2
L5030.0	505027.0	5409729.2	4737.10010	311.65	66.05	48.840516	-86.931490	56006.56	56251.2	-1.23	56005.33	56071.66406	55955.12932	56008.07813	505027.0	5409729.2
L5030.0	505027.0	5409730.8	4737.20020	310.21	71.93	48.840530	-86.931490	56005.33	56251.2	-1.24	56004.09	56071.21484	55955.92301	56008.91016	505027.0	5409730.8
L5030.0	505027.0	5409732.2	4737.29981	311.88	71.93	48.840543	-86.931490	56004.09	56251.2	-1.24	56002.84	56070.75391	55955.46001	56008.47656	505027.0	5409732.2
L5030.0	505027.0	5409733.3	4737.39990	308.20	66.17	48.840553	-86.931490	56003.03	56251.2	-1.25	56001.78	56070.48047	55956.78124	56009.82422	505027.0	5409733.3
L5030.0	505027.0	5409734.4	4737.50000	307.48	64.23	48.840563	-86.931490	56001.96	56251.3	-1.25	56000.71	56070.19531	55956.88962	56009.95703	505027.0	5409734.4
L5030.0	505027.0	5409736.0	4737.60010	308.10	64.23	48.840577	-86.931490	56001.06	56251.3	-1.25	55999.80	56070.07031	55958.31442	56011.40234	505027.0	5409736.0
L5030.0	505027.0	5409736.0	4737.70020	307.42	66.97	48.840577	-86.931490	56000.20	56251.3	-1.26	55998.94	56069.99219	55959.45825	56012.56250	505027.0	5409736.0
L5030.0	505027.0	5409737.8	4737.79981	308.85	68.87	48.840593	-86.931490	55999.51	56251.3	-1.26	55998.25	56070.08203	55962.05508	56015.17578	505027.0	5409737.8
L5030.0	505027.0	5409738.9	4737.89990	305.93	69.08	48.840604	-86.931489	55998.78	56251.3	-1.27	55997.51	56070.11719	55963.01298	56016.14453	505027.0	5409738.9
L5030.0	505027.1	5409740.4	4738.00000	306.15	69.08	48.840616	-86.931489	55998.07	56251.3	-1.27	55996.80	56070.18750	55963.53198	56016.67188	505027.1	5409740.4
L5030.0	505027.1	5409740.4	4738.10010	306.22	75.89	48.840616	-86.931489	55997.62	56251.3	-1.27	55996.35	56070.51172	55975.00675	56028.15625	505027.1	5409740.4
L5030.0	505027.1	5409742.0	4738.20020	307.44	77.3	48.840631	-86.931488	55996.83	56251.3	-1.27	55995.56	56070.50000	55967.86274	56021.01563	505027.1	5409742.0
L5030.0	505027.2	5409743.4	4738.29981	306.53	77.3	48.840644	-86.931487	55996.52	56251.3	-1.27	55995.25	56070.96094	55973.38753	56026.54688	505027.2	5409743.4
L5030.0	505027.2	5409743.4	4738.39990	308.47	71.87	48.840644	-86.931487	55995.97	56251.3	-1.27	55994.70	56071.18750	55970.37943	56023.53906	505027.2	5409743.4
L5030.0	505027.2	5409745.1	4738.50000	307.76	76.4	48.840658	-86.931486	55995.56	56251.3	-1.27	55994.29	56071.54688	55970.10740	56023.26953	505027.2	5409745.1
L5030.0	505027.3	5409746.5	4738.60010	307.06	76.4	48.840672	-86.931485	55995.21	56251.3	-1.28	55993.94	56071.97266	55970.32072	56023.48438	505027.3	5409746.5
L5030.0	505027.3	5409747.5	4738.70020	306.24	75.8	48.840680	-86.931485	55994.96	56251.3	-1.28	55993.68	56072.48438	55971.90743	56025.07031	505027.3	5409747.5
L5030.0	505027.4	5409748.9	4738.79981	306.19	75.8	48.840693	-86.931484	55994.63	56251.3	-1.28	55993.35	56072.92578	55970.62286	56023.78906	505027.4	5409748.9
L5070.0	505071.9	5410690.8	21334.30078	368.11	0	48.849166	-86.930865	56473.12	56220.2	29.80	56502.92	56539.70703	56527.46565	56581.62891	505071.9	5410690.8
L5070.0	505071.9	5410690.8	21334.40039	368.56	0	48.849166	-86.930865	56472.63	56220.2	29.80	56502.43	56539.46875	56520.93004	56575.54688	505071.9	5410690.8
L5070.0	505072.0	5410690.5	21334.50000	373.82	0	48.849163	-86.930865	56472.89	56220.2	29.80	56502.69	56539.98438	56533.03706	56588.10938	505072.0	5410690.5
L5070.0	505072.0	5410690.5	21334.59961	372.95	0	48.849163	-86.930865	56472.71	56220.2	29.80	56502.51	56540.05859	56534.37211	56589.90234	505072.0	5410690.5
L5070.0	505072.0	5410690.3	21334.69922	373.21	0	48.849161	-86.930864	56472.76	56220.2	29.80	56502.55	56540.35156	56541.24786	56597.23828	505072.0	5410690.3
L5070.0	505072.0	5410690.0	21334.80078	370.41	0	48.849158	-86.930864	56472.43	56220.2	29.79	56502.22	56540.27734	56539.07993	56595.52734	505072.0	5410690.0
L5070.0	505072.0	5410689.8	21334.90039	372.39	0	48.849157	-86.930864	56472.22	56220.2	29.79	56502.01	56540.32422	56539.97873	56596.88672	505072.0	5410689.8
L5070.0	505072.0	5410689.8	21335.00000	372.66	0	48.849157	-86.930864	56471.79	56220.2	29.79	56501.58	56540.14844	56535.53896	56592.90625	505072.0	5410689.8
L5070.0	505072.0	5410689.5	21335.09961	374.96	0	48.849154	-86.930864	56471.28	56220.2	29.79	56501.07	56539.89844	56529.21964	56587.05078	505072.0	5410689.5
L5070.0	505072.0	5410689.2	21335.19922	373.60	0	48.849152	-86.930864	56470.82	56220.2	29.79	56500.61	56539.69531	56524.23248	56582.52734	505072.0	5410689.2
L5070.0	505072.0	5410688.9	21335.30078	374.75	0	48.849149	-86.930864	56470.46	56220.2	29.79	56500.25	56539.59766	56521.81168	56580.57422	505072.0	5410688.9

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5070.0	505072.0	5410688.9	21335.40039	374.22	0	48.849149	-86.930864	56470.39	56220.2	29.79	56500.18	56539.78906	56526.65183	56585.88281	505072.0	5410688.9
L5070.0	505072.0	5410688.6	21335.50000	376.28	0	48.849146	-86.930865	56469.98	56220.2	29.79	56499.77	56539.64063	56523.17901	56582.88281	505072.0	5410688.6
L5070.0	505071.9	5410688.3	21335.59961	375.40	0	48.849143	-86.930866	56469.88	56220.2	29.79	56499.67	56539.80859	56527.45772	56587.63672	505071.9	5410688.3
L5070.0	505071.9	5410688.3	21335.69922	370.30	0	48.849143	-86.930866	56469.42	56220.2	29.79	56499.21	56539.61328	56522.92523	56583.58203	505071.9	5410688.3
L5070.0	505071.8	5410687.8	21335.69922	370.30	0	48.849139	-86.930867	56468.98	56220.2	29.79	56498.77	56539.44141	56518.97220	56580.10938	505071.8	5410687.8
L5070.0	505071.7	5410687.4	21335.90039	372.46	0	48.849136	-86.930868	56468.55	56220.2	29.79	56498.34	56539.28516	56515.34940	56576.96875	505071.7	5410687.4
L5070.0	505071.7	5410687.1	21336.00000	374.97	0	48.849133	-86.930869	56468.12	56220.2	29.79	56497.91	56539.12891	56511.80760	56573.91406	505071.7	5410687.1
L5070.0	505071.7	5410687.1	21336.09961	375.06	0	48.849133	-86.930869	56467.76	56220.2	29.79	56497.55	56539.04297	56510.07498	56572.67188	505071.7	5410687.1
L5070.0	505071.6	5410686.7	21336.19922	375.98	0	48.849129	-86.930870	56467.30	56220.2	29.78	56497.08	56538.85156	56505.70033	56568.79297	505071.6	5410686.7
L5070.0	505071.5	5410686.2	21336.30078	375.79	0	48.849125	-86.930872	56466.84	56220.2	29.78	56496.62	56538.67188	56501.64776	56565.24219	505071.5	5410686.2
L5070.0	505071.4	5410685.7	21336.40039	376.99	0	48.849120	-86.930873	56466.31	56220.2	29.78	56496.08	56538.41797	56495.69073	56559.78906	505071.4	5410685.7
L5070.0	505071.4	5410685.7	21336.50000	376.26	0	48.849120	-86.930873	56466.05	56220.2	29.78	56495.82	56538.44531	56496.72564	56561.33203	505071.4	5410685.7
L5070.0	505071.2	5410685.2	21336.59961	378.76	0	48.849115	-86.930875	56465.64	56220.2	29.77	56495.41	56538.32422	56494.12214	56559.24219	505071.2	5410685.2
L5070.0	505071.2	5410685.2	21336.69922	376.02	0	48.849115	-86.930875	56465.46	56220.2	29.77	56495.23	56538.43750	56497.27116	56562.91016	505071.2	5410685.2
L5070.0	505071.1	5410684.6	21336.80078	377.62	0	48.849110	-86.930876	56465.48	56220.2	29.77	56495.25	56538.75391	56505.42956	56571.59375	505071.1	5410684.6
L5070.0	505071.0	5410684.0	21336.90039	378.59	0	48.849105	-86.930878	56465.52	56220.2	29.76	56495.28	56539.08203	56513.89952	56580.58984	505071.0	5410684.0
L5070.0	505070.9	5410683.4	21337.00000	377.35	0	48.849100	-86.930879	56465.62	56220.2	29.76	56495.38	56539.48828	56524.16273	56591.39063	505070.9	5410683.4
L5070.0	505070.9	5410683.4	21337.09961	377.02	0	48.849100	-86.930879	56465.34	56220.2	29.76	56495.10	56539.51563	56525.09510	56592.86328	505070.9	5410683.4
L5070.0	505070.8	5410682.7	21337.19922	375.68	0	48.849093	-86.930881	56464.82	56220.2	29.76	56494.58	56539.30469	56520.15607	56588.46875	505070.8	5410682.7
L5070.0	505070.8	5410682.7	21337.30078	368.72	0	48.849093	-86.930881	56464.49	56220.2	29.76	56494.25	56539.28906	56519.97332	56588.83984	505070.8	5410682.7
L5070.0	505070.7	5410682.0	21337.40039	369.22	0	48.849087	-86.930882	56464.01	56220.2	29.76	56493.77	56539.12891	56516.14226	56585.56641	505070.7	5410682.0
L5070.0	505070.6	5410681.2	21337.50000	367.90	0	48.849080	-86.930883	56463.80	56220.2	29.76	56493.56	56539.23828	56519.04381	56589.03125	505070.6	5410681.2
L5070.0	505070.6	5410681.2	21337.59961	365.03	0	48.849080	-86.930883	56463.42	56220.2	29.76	56493.18	56539.18750	56517.80205	56588.35938	505070.6	5410681.2
L5070.0	505070.6	5410680.5	21337.69922	368.49	0	48.849073	-86.930884	56463.19	56220.2	29.76	56492.95	56539.28516	56520.32661	56591.46484	505070.6	5410680.5
L5070.0	505070.6	5410679.8	21337.69922	368.49	0	48.849067	-86.930884	56462.91	56220.2	29.76	56492.67	56539.33984	56521.67424	56593.39453	505070.6	5410679.8
L5070.0	505070.6	5410679.1	21337.90039	372.71	0	48.849061	-86.930884	56462.20	56220.2	29.76	56491.96	56538.96875	56512.45282	56584.76563	505070.6	5410679.1
L5070.0	505070.6	5410679.1	21338.00000	376.36	0	48.849061	-86.930884	56461.79	56220.2	29.76	56491.55	56538.90234	56510.70694	56583.61719	505070.6	5410679.1
L5070.0	505070.6	5410678.4	21338.09961	374.51	0	48.849054	-86.930884	56461.64	56220.2	29.76	56491.40	56539.10156	56515.44895	56588.96484	505070.6	5410678.4
L5070.0	505070.6	5410677.6	21338.19922	375.78	0	48.849047	-86.930883	56461.38	56220.2	29.76	56491.14	56539.19531	56517.53473	56591.66016	505070.6	5410677.6
L5070.0	505070.6	5410677.6	21338.30078	374.39	0	48.849047	-86.930883	56460.87	56220.2	29.76	56490.62	56539.03125	56513.25825	56588.00391	505070.6	5410677.6
L5070.0	505070.7	5410677.0	21338.40039	371.26	0	48.849041	-86.930883	56460.82	56220.2	29.76	56490.58	56539.35156	56520.91245	56596.28516	505070.7	5410677.0
L5070.0	505070.7	5410677.0	21338.50000	371.70	0	48.849041	-86.930883	56460.33	56220.2	29.76	56490.09	56539.23047	56517.51221	56593.51563	505070.7	5410677.0
L5070.0	505070.7	5410676.1	21338.59961	369.91	0	48.849034	-86.930882	56459.41	56220.2	29.75	56489.17	56538.67969	56503.55442	56580.19922	505070.7	5410676.1
L5070.0	505070.8	5410675.3	21338.69922	369.73	0	48.849026	-86.930881	56459.16	56220.2	29.75	56488.91	56538.79688	56505.98401	56583.27734	505070.8	5410675.3
L5070.0	505070.9	5410674.6	21338.80078	372.54	0	48.849021	-86.930880	56459.11	56220.2	29.75	56488.86	56539.12891	56513.68123	56591.63281	505070.9	5410674.6
L5070.0	505070.9	5410674.6	21338.90039	370.11	0	48.849021	-86.930880	56458.95	56220.2	29.75	56488.70	56539.35156	56518.73986	56597.35156	505070.9	5410674.6
L5070.0	505071.0	5410673.8	21339.00000	370.15	0	48.849013	-86.930879	56458.09	56220.3	29.75	56487.84	56538.88281	56506.58028	56585.86328	505071.0	5410673.8
L5070.0	505071.0	5410673.1	21339.09961	372.08	0	48.849006	-86.930878	56457.60	56220.3	29.75	56487.35	56538.78906	56503.65429	56583.61719	505071.0	5410673.1
L5070.0	505071.1	5410672.1	21339.19922	373.13	0	48.848998	-86.930876	56456.89	56220.3	29.75	56486.64	56538.47656	56495.38281	56576.03125	505071.1	5410672.1
L5070.0	505071.1	5410672.1	21339.30078	375.62	0	48.848998	-86.930876	56456.73	56220.3	29.75	56486.48	56538.72266	56500.80294	56582.14063	505071.1	5410672.1
L5070.0	505071.2	5410671.1	21339.40039	377.51	0	48.848989	-86.930875	56456.71	56220.3	29.75	56486.45	56539.10156	56509.53818	56591.57813	505071.2	5410671.1
L5070.0	505071.3	5410670.2	21339.50000	372.39	0	48.848981	-86.930874	56456.12	56220.3	29.75	56485.87	56538.93750	56504.78569	56587.53125	505071.3	5410670.2
L5070.0	505071.3	5410670.2	21339.59961	372.27	0	48.848981	-86.930874	56455.61	56220.3	29.74	56485.36	56538.84766	56501.87572	56585.33594	505071.3	5410670.2
L5070.0	505071.4	5410669.5	21339.69922	370.00	0	48.848974	-86.930873	56455.18	56220.3	29.74	56484.92	56538.82813	56500.81389	56584.99609	505071.4	5410669.5
L5070.0	505071.4	5410668.6	21339.69922	370.00	0	48.848966	-86.930872	56454.69	56220.3	29.74	56484.43	56538.76953	56498.63990	56583.54688	505071.4	5410668.6
L5070.0	505071.4	5410668.6	21339.90039	371.14	0	48.848966	-86.930872	56454.13	56220.3	29.74	56483.87	56538.64063	56494.86546	56580.50781	505071.4	5410668.6
L5070.0	505071.6	5410666.9	21340.00000	371.07	0	48.848951	-86.930871	56453.77	56220.3	29.74	56483.51	56538.71875	56496.17051	56582.55469	505071.6	5410666.9
L5070.0	505071.6	5410666.9	21340.09961	370.38	0	48.848951	-86.930871	56452.88	56220.3	29.74	56482.62	56538.27344	56484.51766	56571.64844	505071.6	5410666.9
L5070.0	505071.6	5410665.7	21340.19922	370.20	0	48.848940	-86.930870	56452.22	56220.3	29.74	56481.95	56538.05078	56478.45163	56566.33984	505071.6	5410665.7
L5070.0	505071.7	5410664.6	21340.30078	368.65	0	48.848930	-86.930869	56451.61	56220.3	29.73	56481.34	56537.89453	56474.02428	56562.67188	505071.7	5410664.6
L5070.0	505071.7	5410664.6	21340.40039	370.54	0	48.848930	-86.930869	56451.38	56220.3	29.73	56481.11	56538.12109	56479.15202	56568.56641	505071.7	5410664.6
L5070.0	505071.7	5410663.8	21340.50000	372.46	0	48.848923	-86.930868	56451.25	56220.3	29.73	56480.98	56538.45313	56486.92084	56577.10547	505071.7	5410663.8
L5070.0	505071.8	5410662.9	21340.59961	370.57	0	48.848915	-86.930868	56450.68	56220.3	29.73	56480.41	56538.34766	56483.99018	56574.95313	505071.8	5410662.9
L5070.0	505071.8	5410662.9	21340.69922	371.30	0	48.848915	-86.930868	56450.18	56220.3	29.73	56479.90	56538.30859	56482.72580	56574.47266	505071.8	5410662.9
L5070.0	505071.8	5410661.7	21340.80078	373.09	0	48.848905	-86.930867	56449.34	56220.3	29.72	56479.06	56537.94141	56473.49483	56566.03125	505071.8	5410661.7
L5070.0	505071.8	5410660.6	21340.90039	373.17	0	48.848894	-86.930867	56448.88	56220.3	29.72	56478.60	56537.95703	56473.85369	56567.18359	505071.8	5410660.6
L5070.0	505071.8	5410660.6	21341.00000	373.10	0	48.848894	-86.930867	56448.08	56220.3	29.72	56477.80	56537.64063	56466.01265	56560.14063	505071.8	5410660.6
L5070.0	505071.9	5410659.8	21341.09961	373.42	0	48.848887	-86.930867	56447.52	56220.3	29.72	56477.24	56537.56641	56464.31471	56559.24219	505071.9	5410659.8
L5070.0	505071.9	5410658.8	21341.19922	373.48	0	48.848878	-86.930866	56446.98	56220.3	29.72	56476.70	56537.51563	56463.32871	56559.06641	505071.9	5410658.8
L5070.0	505071.9	5410658.8	21341.30078	373.96	0	48.848878	-86.930866	56446.52	56220.3	29.72	56476.24	56537.55078	56464.54428	56561.08984	505071.9	5410658.8
L5070.0	505071.9	5410657.8	21341.40039	375.46	0	48.848869	-86.930866	56445.91	56220.3	29.72	56475.63	56537.43750	56462.28276	56559.64063	505071.9	5410657.8
L5070.0	505071.9	5410657.8	21341.50000	374.77	0	48.848869	-86.930866	56445.30	56220.3	29.72	56475.02	56537.32813	56460.25797	56558.43359	505071.9	5410657.8
L5070.0	505072.0	5410656.5	21341.59961	371.97	0	48.848858	-86.930865	56444.76	56220.3	29.71	56474.48	56537.28906	56460.20604	56559.19922	505072.0	5410656.5
L5070.0	505072.0	5410655.4	21341.69922	370.26	0	48.848847	-86.930865	56444.20	56220.3	29.71	56473.92	56537.23828	56459.90807	56559.72266	505072.0	5410655.4
L5070.0	505072.0	5410654.2	21341.69922	370.26	0	48.848836	-86.930865	56443.41	56220.3	29.71	56473.12	56536.94531	56453.93151	56554.57031	505072.0	5410654.2
L5070.0	505072.0	5410653.2	21341.90039	373.06	0	48.848827	-86.930864	56443.06	56220.3	29.71	56472.77	56537.10938	56459.33647	56560.80078	505072.0	5410653.2
L5070.0	505072.0	5410653.2	21342.00000	372.77	0	48.848827	-86.930864	56442.11	56220.3	29.71	56471.82	56536.67578	56450.17412	56552.46094	505072.0	5410653.2
L5070.0	505072.0	5410653.2	21342.09961	370.91	0	48.848827	-86.930864	56441.65	56220.3	29.71	56471.36	56536.73047	56453.39078	56556.50391	505072.0	5410653.2
L5070.0	505072.1	5410651.6	21342.19922	370.50	0	48.848814	-86.930864	56441.04	56220.3	29.70	56470.74	56536.63281	56452.92377	56556.86328	505072.1	5410651.6
L5070.0	505072.1	5410650.6	21342.30078	369.69	0	48.848805	-86.930864	56440.58	56220.3	29.70	56470.28	56536.69531	56456.68596	56561.45313	505072.1	5410650.6
L5070.0	505072.1	5410650.6	21342.40039	369.93	0	48.848805	-86.930864	56439.74	56220.3	29.70	56469.44	56536.37891	56451.33259	56556.92578	505072.1	5410650.6
L5070.0	505072.1	5410649.3	21342.50000	367.88	0	48.848792	-86.930864	56439.05	56220.3	29.69	56468.74	56536.20313	56449.71897	56556.13281	505072.1	5410649.3
L5070.0	505072.1	5410648.3	21342.59961	367.40	0	48.848783	-86.930863	56438.66	56220.3	29.69	56468.36	56536.35156	56456.29583	56563.53125	505072.1	5410648.3
L5070.0	505072.1	5410647.0	21342.69922	367.09	0	48.848772	-86.930863	56437.95	56220.3	29.69	56467.64	56536.16016	56454.75058	56562.80859	505072.1	5410647.0
L5070.0	505072.1	5410647.0	21342.80078	368.76	0	48.848772	-86.930863	56437.03	56220.3	29.69	56466.72	56535.76953	56448.54397	56557.41797	505072.1	5410647.0
L5070.0	505072.2	5410646.0	21342.90039	364.14	0	48.848763	-86.930863	56435.98	56220.3	29.68	56465.66	56535.23828	56439.15869	56548.84766	505072.2	5410646.0
L5070.0	505072.2	5410644.9	21343.00000	364.04	0	48.848753	-86.930863	56435.50	56220.3	29.68	56465.18	56535.28906	56444.39032	56554.89063	505072.2	5410644.9
L5070.0	505072.2	5410643.9	21343.09961	367.19	0	48.848744	-86.930862	56435.32	56220.3	29.68	56465.00	56535.64063	56457.31612	56568.62109	505072.2	5410643.9
L5070.0	505072.2	5410643.9	21343.19922	368.17	0	48.848744	-86.930862	56434.84	56220.3	29.68	56464.52	56535.69141	56463.10298	56575.20703	505072.2	5410643.9
L5070.0	505072.2	5410642.8	21343.30078	370.28	0	48.848734	-86.930862	56433.96	56220.3	29.69	56463.65	56535.35547	56459.52298	56572.42578	505072.2	5410642.8
L5070.0	505072.2	5410641.8	21343.40039	370.67	0	48.848725	-86.930862	56433.02	56220.3	29.69	56462.71	56534.94531	56454.48153	56568.17188	505072.2	5410641.8
L5070.0	505072.2	5410641.8	21343.50000	374.31	0	48.848725	-86.930862	56432.26	56220.3	29.69	56461.95	56534.71484	56454.15301	56568.62500	505072.2	5410641.8
L5070.0	505072.2	5410640.5	21343.59961	374.86	0	48.848713	-86.930862	56431.77	56220.3	29.69	56461.46	56534.75391	56460.75613	56576.00391	505072.2	5410640.5
L5070.0	505072.2	5410639.4	21343.69922	371.86	0	48.848703	-86.930862	56430.75	56220.3	29.69	56460.45	56534.27344	56454.75727	56570.77344	505072.2	5410639.4
L5070.0	505072.3	5410638.1	21343.69922	371.86	0	48.848692	-86.930861	56430.16	56220.3	29.69	56459.86	56534.21094	56459.38328	56576.16016	505072.3	5410638.1
L5070.0	505072.3	5410638.1	21343.90039	370.07	0	48.848692	-86.930861	56429.45	56220.3	29.70	56459.15	56534.02734	56461.27814	56578.80469	505072.3	5410638.1
L5070.0	505072.3	5410636.9	21344.00000	372.27	0	48.848681	-86.930861	56428.84	56220.3	29.70	56458.54	56533.94141	56465.87023	56584.13281	505072.3	5410636.9
L5070.0	505072.3	5410635.8	21344.09961	372.20	0	48.848671	-86.930861	56428.05	56220.3	29.69	56457.74	56533.66406	56465.98107	56584.97266	505072.3	5410635.8
L5070.0	505072.3	5410634.7	21344.19922	370.61	0	48.848662	-86.930861	56427.16	56220.3	29.69	56456.85	56533.29297	56464.07105	56583.78125	505072.3	5410634.7
L5070.0	505072.3	5410634.7	21344.30078	372.40	0	48.848662	-86.930861	56426.14	56220.3	29.68	56455.82	56532.77734	56458.89201	56579.31250	505072.3	5410634.7
L5070.0	505072.3	5410633.6	21344.40039	372.25	0	48.848652	-86.930860	56425.63	56220.3	29.68	56455.31	56532.78125	56466.74429	56587.85938	505072.3	5410633.6
L5070.0	505072.4	5410632.2	21344.50000	373.95	0	48.848639	-86.930860	56424.86	56220.3	29.68	56454.53	56532.51172	56468.08683	56589.88281	505072.4	5410632.2
L5070.0	505072.4	5410631.1	21344.59961	372.10	0	48.848629	-86.930860	56423.96	56220.3	29.67	56453.63	56532.11719	56466.61211	56589.07422	505072.4	5410631.1

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5070.0	505072.4	5410631.1	21344.69922	372.61	0	48.848629	-86.930860	56423.07	56220.3	29.67	56452.74	56531.73047	56465.51732	56588.63281	505072.4	5410631.1
L5070.0	505072.4	5410630.1	21344.80078	373.15	0	48.848620	-86.930860	56422.20	56220.3	29.66	56451.86	56531.35156	56464.78541	56588.54297	505072.4	5410630.1
L5070.0	505072.4	5410629.0	21344.90039	371.26	0	48.848610	-86.930860	56421.48	56220.3	29.65	56451.14	56531.12500	56468.10605	56592.48438	505072.4	5410629.0
L5070.0	505072.4	5410629.0	21345.00000	368.04	0	48.848610	-86.930860	56420.68	56220.3	29.65	56450.33	56530.80078	56469.28095	56594.26563	505072.4	5410629.0
L5070.0	505072.4	5410627.2	21345.09961	367.52	0	48.848594	-86.930860	56420.16	56220.4	29.65	56449.81	56530.76563	56477.68298	56603.25781	505072.4	5410627.2
L5070.0	505072.4	5410626.4	21345.19922	371.59	0	48.848586	-86.930860	56419.37	56220.4	29.64	56449.01	56530.44531	56479.20242	56605.34766	505072.4	5410626.4
L5070.0	505072.4	5410625.5	21345.30078	369.51	0	48.848578	-86.930860	56418.35	56220.4	29.64	56447.99	56529.89844	56475.30077	56602.00391	505072.4	5410625.5
L5070.0	505072.4	5410625.5	21345.40039	369.74	0	48.848578	-86.930860	56417.20	56220.4	29.64	56446.84	56529.21484	56468.18016	56595.41797	505072.4	5410625.5
L5070.0	505072.4	5410624.4	21345.50000	371.33	0	48.848568	-86.930860	56416.59	56220.4	29.64	56446.22	56529.05469	56474.13093	56601.88281	505072.4	5410624.4
L5070.0	505072.4	5410623.2	21345.59961	373.38	0	48.848558	-86.930859	56415.52	56220.4	29.63	56445.15	56528.43750	56468.90583	56597.15234	505072.4	5410623.2
L5070.0	505072.4	5410621.6	21345.69922	374.19	0	48.848543	-86.930859	56415.04	56220.4	29.63	56444.66	56528.39063	56477.93908	56606.66016	505072.4	5410621.6
L5070.0	505072.4	5410621.6	21345.69922	374.19	0	48.848543	-86.930859	56414.04	56220.4	29.63	56443.66	56527.83203	56474.26298	56603.43750	505072.4	5410621.6
L5070.0	505072.4	5410620.0	21345.90039	372.82	0	48.848529	-86.930860	56413.12	56220.4	29.62	56442.74	56527.34375	56472.43462	56602.04297	505072.4	5410620.0
L5070.0	505072.4	5410618.5	21346.00000	370.52	0	48.848516	-86.930860	56412.15	56220.4	29.62	56441.77	56526.79297	56469.21375	56599.23047	505072.4	5410618.5
L5070.0	505072.4	5410618.5	21346.09961	371.92	0	48.848516	-86.930860	56411.36	56220.4	29.62	56440.98	56526.41797	56470.25783	56600.65625	505072.4	5410618.5
L5070.0	505072.4	5410617.1	21346.19922	370.40	0	48.848502	-86.930860	56410.41	56220.4	29.62	56440.03	56525.87500	56467.13470	56597.89453	505072.4	5410617.1
L5070.0	505072.4	5410617.1	21346.30078	372.27	0	48.848502	-86.930860	56409.65	56220.4	29.62	56439.26	56525.50391	56468.21961	56599.31641	505072.4	5410617.1
L5070.0	505072.4	5410615.9	21346.40039	370.89	0	48.848492	-86.930860	56408.93	56220.4	29.62	56438.55	56525.17969	56470.51722	56601.92578	505072.4	5410615.9
L5070.0	505072.4	5410614.7	21346.50000	370.23	0	48.848481	-86.930860	56408.14	56220.4	29.61	56437.76	56524.76563	56470.53739	56602.23047	505072.4	5410614.7
L5070.0	505072.4	5410613.3	21346.59961	368.03	0	48.848469	-86.930860	56407.43	56220.4	29.61	56437.04	56524.41406	56471.95766	56603.91016	505072.4	5410613.3
L5070.0	505072.4	5410612.1	21346.69922	370.31	0	48.848458	-86.930860	56406.13	56220.4	29.61	56435.74	56523.47266	56458.68118	56590.86328	505072.4	5410612.1
L5070.0	505072.4	5410612.1	21346.80078	370.90	0	48.848458	-86.930860	56404.92	56220.4	29.61	56434.53	56522.60938	56447.23796	56579.62891	505072.4	5410612.1
L5070.0	505072.4	5410610.9	21346.90039	371.88	0	48.848447	-86.930860	56404.14	56220.4	29.61	56433.75	56522.16406	56446.00096	56578.57031	505072.4	5410610.9
L5070.0	505072.4	5410610.9	21347.00000	369.07	0	48.848447	-86.930860	56403.39	56220.4	29.61	56433.00	56521.74219	56445.05197	56577.76563	505072.4	5410610.9
L5070.0	505072.4	5410608.4	21347.09961	364.97	0	48.848425	-86.930860	56402.73	56220.4	29.61	56432.34	56521.39453	56445.84273	56578.67578	505072.4	5410608.4
L5070.0	505072.4	5410608.4	21347.19922	366.87	0	48.848425	-86.930860	56401.68	56220.4	29.60	56431.29	56520.64453	56436.47740	56569.39844	505072.4	5410608.4
L5070.0	505072.3	5410607.0	21347.30078	366.42	0	48.848412	-86.930861	56400.94	56220.4	29.60	56430.54	56520.18359	56433.97968	56566.96484	505072.3	5410607.0
L5070.0	505072.3	5410605.6	21347.40039	365.68	0	48.848399	-86.930861	56400.34	56220.4	29.60	56429.93	56519.85156	56434.36338	56567.37891	505072.3	5410605.6
L5070.0	505072.3	5410605.6	21347.50000	366.89	0	48.848399	-86.930861	56399.48	56220.4	29.60	56429.08	56519.26563	56428.20456	56561.21484	505072.3	5410605.6
L5070.0	505072.3	5410604.3	21347.59961	368.09	0	48.848388	-86.930861	56398.16	56220.4	29.59	56427.76	56518.19531	56409.78708	56542.76563	505072.3	5410604.3
L5070.0	505072.3	5410604.3	21347.69922	369.67	0	48.848388	-86.930861	56397.22	56220.4	29.59	56426.81	56517.48438	56399.84279	56532.75391	505072.3	5410604.3
L5070.0	505072.3	5410602.6	21347.69922	369.67	0	48.848372	-86.930862	56396.71	56220.4	29.59	56426.30	56517.19922	56400.07134	56532.88672	505072.3	5410602.6
L5070.0	505072.2	5410601.3	21347.90039	368.65	0	48.848361	-86.930862	56395.84	56220.4	29.58	56425.43	56516.53906	56390.66845	56523.35547	505072.2	5410601.3
L5070.0	505072.2	5410600.1	21348.00000	369.77	0	48.848350	-86.930863	56394.97	56220.4	29.58	56424.55	56515.85547	56380.25544	56512.78125	505072.2	5410600.1
L5070.0	505072.2	5410600.1	21348.09961	369.28	0	48.848350	-86.930863	56394.23	56220.4	29.58	56423.81	56515.29688	56372.51060	56504.83594	505072.2	5410600.1
L5070.0	505072.2	5410598.4	21348.19922	371.96	0	48.848334	-86.930863	56393.32	56220.4	29.58	56422.89	56514.54297	56359.49551	56491.58984	505072.2	5410598.4
L5070.0	505072.2	5410597.0	21348.30078	373.39	0	48.848322	-86.930863	56392.27	56220.4	29.57	56421.84	56513.64453	56342.41784	56474.25000	505072.2	5410597.0
L5070.0	505072.2	5410597.0	21348.40039	369.58	0	48.848322	-86.930863	56391.56	56220.4	29.57	56421.13	56513.07422	56332.86730	56464.40234	505072.2	5410597.0
L5070.0	505072.1	5410595.5	21348.50000	371.59	0	48.848309	-86.930864	56390.79	56220.4	29.57	56420.36	56512.42578	56320.93005	56452.13281	505072.1	5410595.5
L5070.0	505072.1	5410594.3	21348.59961	371.48	0	48.848298	-86.930864	56390.28	56220.4	29.57	56419.85	56512.01953	56314.48966	56445.32422	505072.1	5410594.3
L5070.0	505072.1	5410592.9	21348.69922	370.90	0	48.848285	-86.930864	56390.05	56220.4	29.57	56419.61	56511.87109	56313.76812	56444.19531	505072.1	5410592.9
L5070.0	505072.1	5410592.9	21348.80078	372.35	0	48.848285	-86.930864	56389.51	56220.4	29.56	56419.08	56511.41406	56304.89929	56434.89063	505072.1	5410592.9
L5070.0	505072.1	5410591.2	21348.90039	375.62	0	48.848270	-86.930864	56388.82	56220.4	29.56	56418.39	56510.78125	56291.07309	56420.58984	505072.1	5410591.2
L5070.0	505072.1	5410591.2	21349.00000	375.33	0	48.848270	-86.930864	56388.01	56220.4	29.56	56417.57	56510.00000	56273.00870	56402.01563	505072.1	5410591.2
L5070.0	505072.1	5410589.8	21349.09961	369.07	0	48.848258	-86.930864	56387.34	56220.4	29.56	56416.90	56509.35547	56257.60574	56386.06641	505072.1	5410589.8
L5070.0	505072.1	5410588.5	21349.19922	368.67	0	48.848246	-86.930864	56386.47	56220.4	29.55	56416.02	56508.48047	56235.94569	56363.82422	505072.1	5410588.5
L5070.0	505072.1	5410587.3	21349.30078	369.89	0	48.848235	-86.930864	56386.12	56220.5	29.55	56415.67	56508.12109	56226.30050	56353.55859	505072.1	5410587.3
L5070.0	505072.1	5410587.3	21349.40039	371.83	0	48.848235	-86.930864	56385.68	56220.5	29.54	56415.22	56507.64453	56213.08028	56339.68750	505072.1	5410587.3
L5070.0	505072.1	5410585.8	21349.50000	370.73	0	48.848222	-86.930864	56385.58	56220.5	29.54	56415.12	56507.50000	56207.39130	56333.30469	505072.1	5410585.8
L5070.0	505072.1	5410585.8	21349.59961	370.41	0	48.848222	-86.930864	56385.30	56220.5	29.54	56414.84	56507.15625	56196.11795	56321.30469	505072.1	5410585.8
L5070.0	505072.1	5410584.2	21349.69922	367.43	0	48.848207	-86.930864	56384.54	56220.5	29.53	56414.07	56506.30469	56171.58378	56296.00391	505072.1	5410584.2
L5070.0	505072.1	5410582.9	21349.69922	367.43	0	48.848195	-86.930864	56384.02	56220.5	29.53	56413.56	56505.69531	56152.31430	56275.93359	505072.1	5410582.9
L5070.0	505072.1	5410581.8	21349.80078	365.26	0	48.848186	-86.930864	56383.72	56220.5	29.53	56413.25	56505.26953	56136.81518	56259.59766	505072.1	5410581.8
L5070.0	505072.1	5410580.3	21349.90039	360.63	0	48.848172	-86.930864	56383.54	56220.5	29.52	56413.06	56504.94141	56123.09917	56245.00781	505072.1	5410580.3
L5070.0	505072.1	5410580.3	21350.00000	360.42	0	48.848172	-86.930864	56383.70	56220.5	29.52	56413.21	56504.94141	56116.59571	56237.59375	505072.1	5410580.3
L5070.0	505072.1	5410579.1	21350.09961	360.46	0	48.848161	-86.930864	56383.79	56220.5	29.52	56413.31	56504.86719	56107.65801	56227.70703	505072.1	5410579.1
L5070.0	505072.1	5410577.5	21350.19922	363.45	0	48.848146	-86.930864	56383.46	56220.5	29.52	56412.98	56504.34766	56086.88793	56205.95313	505072.1	5410577.5
L5070.0	505072.1	5410576.3	21350.30078	366.79	0	48.848136	-86.930865	56383.11	56220.5	29.51	56412.62	56503.77734	56064.16853	56182.21484	505072.1	5410576.3
L5070.0	505072.1	5410576.3	21350.50000	368.08	0	48.848136	-86.930865	56383.90	56220.5	29.51	56413.41	56504.33984	56068.66404	56185.65234	505072.1	5410576.3
L5070.0	505072.1	5410574.8	21350.59961	368.36	0	48.848122	-86.930865	56384.46	56220.5	29.51	56413.97	56504.65234	56066.26334	56182.16016	505072.1	5410574.8
L5070.0	505072.1	5410573.5	21350.69922	368.84	0	48.848111	-86.930865	56385.02	56220.5	29.51	56414.53	56504.94531	56062.65204	56177.41797	505072.1	5410573.5
L5070.0	505072.1	5410573.5	21350.80078	365.65	0	48.848111	-86.930865	56384.71	56220.5	29.50	56414.22	56504.35156	56036.32801	56149.93359	505072.1	5410573.5
L5070.0	505072.1	5410572.1	21350.90039	363.44	0	48.848098	-86.930865	56385.05	56220.5	29.50	56414.55	56504.37500	56024.61842	56137.02344	505072.1	5410572.1
L5070.0	505072.1	5410570.8	21351.00000	362.86	0	48.848086	-86.930865	56385.45	56220.5	29.50	56414.95	56504.45313	56013.43944	56124.61328	505072.1	5410570.8
L5070.0	505072.0	5410569.4	21351.09961	365.67	0	48.848074	-86.930865	56385.91	56220.5	29.50	56415.41	56504.57031	56002.55061	56112.45313	505072.0	5410569.4
L5070.0	505072.0	5410569.4	21351.19922	368.95	0	48.848074	-86.930865	56386.91	56220.5	29.49	56416.40	56505.19922	56003.57740	56112.17188	505072.0	5410569.4
L5070.0	505072.0	5410567.7	21351.30078	369.45	0	48.848058	-86.930866	56387.63	56220.5	29.49	56417.12	56505.53906	55996.75549	56104.01172	505072.0	5410567.7
L5070.0	505072.0	5410567.7	21351.40039	370.10	0	48.848058	-86.930866	56388.44	56220.5	29.49	56417.93	56505.94922	55990.99437	56096.88281	505072.0	5410567.7
L5070.0	505072.0	5410565.9	21351.50000	371.81	0	48.848042	-86.930866	56389.06	56220.5	29.49	56418.54	56506.14063	55979.13861	56083.62109	505072.0	5410565.9
L5070.0	505071.9	5410564.4	21351.59961	370.48	0	48.848029	-86.930867	56389.89	56220.5	29.48	56419.38	56506.54297	55971.83084	56074.87109	505071.9	5410564.4
L5070.0	505071.9	5410563.1	21351.69922	374.42	0	48.848017	-86.930867	56391.25	56220.5	29.48	56420.72	56507.42578	55975.76026	56077.32813	505071.9	5410563.1
L5070.0	505071.9	5410563.1	21351.69922	374.42	0	48.848017	-86.930867	56392.78	56220.5	29.48	56422.26	56508.49219	55983.52847	56083.58984	505071.9	5410563.1
L5070.0	505071.9	5410561.2	21351.90039	372.28	0	48.848000	-86.930867	56394.59	56220.5	29.47	56424.06	56509.79688	55996.63671	56095.16406	505071.9	5410561.2
L5070.0	505071.9	5410561.2	21352.00000	372.64	0	48.848000	-86.930867	56395.96	56220.5	29.47	56425.43	56510.65234	55998.04936	56095.00781	505071.9	5410561.2
L5070.0	505071.9	5410559.6	21352.09961	372.02	0	48.847986	-86.930868	56397.81	56220.5	29.47	56427.27	56511.96094	56010.03297	56105.39063	505071.9	5410559.6
L5070.0	505071.8	5410558.5	21352.19922	374.55	0	48.847976	-86.930868	56399.18	56220.5	29.46	56428.65	56512.79297	56009.62218	56103.34375	505071.8	5410558.5
L5070.0	505071.8	5410557.1	21352.30078	375.43	0	48.847963	-86.930869	56400.62	56220.5	29.46	56430.08	56513.65234	56009.44607	56101.50781	505071.8	5410557.1
L5070.0	505071.8	5410557.1	21352.40039	374.53	0	48.847963	-86.930869	56402.58	56220.5	29.46	56432.04	56515.02344	56021.39333	56111.76563	505071.8	5410557.1
L5070.0	505071.8	5410555.8	21352.50000	371.67	0	48.847952	-86.930869	56405.31	56220.5	29.46	56434.76	56517.14063	56051.17432	56139.82813	505071.8	5410555.8
L5070.0	505071.8	5410554.5	21352.59961	369.74	0	48.847939	-86.930869	56407.84	56220.5	29.45	56437.29	56519.04688	56075.33370	56162.23438	505071.8	5410554.5
L5070.0	505071.8	5410554.5	21352.69922	372.33	0	48.847939	-86.930869	56409.88	56220.6	29.45	56439.33	56520.44531	56086.48353	56171.60547	505071.8	5410554.5
L5070.0	505071.8	5410553.1	21352.80078	371.98	0	48.847927	-86.930869	56412.22	56220.6	29.45	56441.67	56522.12500	56104.17887	56187.49609	505071.8	5410553.1
L5070.0	505071.7	5410551.4	21352.90039	373.20	0	48.847912	-86.930870	56414.24	56220.6	29.44	56443.68	56523.45703	56112.87671	56194.36328	505071.7	5410551.4
L5070.0	505071.7	5410550.2	21353.00000	370.69	0	48.847901	-86.930870	56416.64	56220.6	29.44	56446.08	56525.16406	56130.40352	56210.03125	505071.7	5410550.2
L5070.0	505071.7	5410550.2	21353.09961	368.92	0	48.847901	-86.930870	56419.04	56220.6	29.44	56448.47	56526.84375	56146.90282	56224.64453	505071.7	5410550.2
L5070.0	505071.7	5410548.8	21353.19922	367.64	0	48.847888	-86.930870	56422.31	56220.6	29.43	56451.74	56529.38281	56184.40442	56260.23047	505071.7	5410548.8
L5070.0	505071.7	5410547.4	21353.30078	367.02	0	48.847876	-86.930870	56425.12	56220.6	29.43	56454.54	56531.43750	56209.57143	56283.46484	505071.7	5410547.4
L5070.0	505071.7	5410546.2	21353.40039	369.35	0	48.847865	-86.930870	56427.95	56220.6	29.42	56457.36	56533.49609	56234.54774	56306.48047	505071.7	5410546.2
L5070.0	505071.7	5410546.2	21353.50000	371.34	0	48.847865	-86.930870	56430.75	56220.6	29.42	56460.17	56535.52734	56258.62458	56328.57813	505071.7	5410546.2
L5070.0	505071.7	5410544.9	21353.59961	368.60	0	48.847853	-86.930870	56433.43	56220.6	29.41	56462.84	56537.40234	56278.62181	56346.56641	505071.7	5410544.9
L5070.0	505071.7	5410543.3	21353.69922	365.62	0	48.847839	-86.930870	56436.42	56220.6	29.40	56465.82	56539.57031	56305.69577	56371.61328	505071.7	5410543.3
L5070.0	505071.7	5410543.3	21353.69922	365.62	0	48.847839	-86.930870	56439.56	56220.6	29.40	56468.96	56541.88672	56336.17253	56400.03906	505071.7	5410543.3
L5070.0	505071.8	5410542.0	21353.90039	366.20	0	48.847828	-86.930870	56442.32	56220.6	29.39	56471.71	56543.79297	56356.49129	56418.28906	505071.8	5410542.0

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5070.0	505071.8	5410540.0	21354.00000	368.05	0	48.847809	-86.930870	56444.89	56220.6	29.39	56474.28	56545.50781	56371.87671	56431.58594	505071.8	5410540.0
L5070.0	505071.8	5410539.1	21354.09961	370.73	0	48.847801	-86.930870	56447.68	56220.6	29.39	56477.07	56547.42578	56392.24981	56449.85156	505071.8	5410539.1
L5070.0	505071.8	5410537.7	21354.19922	368.94	0	48.847789	-86.930870	56450.79	56220.6	29.39	56480.17	56549.64063	56419.86914	56475.33984	505071.8	5410537.7
L5070.0	505071.8	5410537.7	21354.30078	369.54	0	48.847789	-86.930870	56454.34	56220.6	29.39	56483.72	56552.29297	56458.22902	56511.55469	505071.8	5410537.7
L5070.0	505071.8	5410535.9	21354.40039	371.68	0	48.847772	-86.930870	56457.52	56220.6	29.39	56486.91	56554.56641	56487.34193	56538.50391	505071.8	5410535.9
L5070.0	505071.7	5410534.7	21354.50000	373.88	0	48.847762	-86.930870	56460.69	56220.6	29.38	56490.07	56556.80078	56515.39812	56564.38281	505071.7	5410534.7
L5070.0	505071.8	5410533.5	21354.59961	374.47	0	48.847750	-86.930870	56463.42	56220.6	29.38	56492.80	56558.58984	56532.54371	56579.33203	505071.8	5410533.5
L5070.0	505071.8	5410533.5	21354.69922	373.68	0	48.847750	-86.930870	56466.38	56220.6	29.38	56495.76	56560.59766	56555.12509	56599.70313	505071.8	5410533.5
L5070.0	505071.8	5410532.1	21354.80078	374.56	0	48.847739	-86.930870	56469.37	56220.6	29.38	56498.75	56562.62109	56578.23108	56620.58594	505071.8	5410532.1
L5070.0	505071.8	5410532.1	21354.90039	373.17	0	48.847739	-86.930870	56472.48	56220.6	29.38	56501.86	56564.75391	56604.11815	56644.23828	505071.8	5410532.1
L5070.0	505071.8	5410530.3	21355.00000	373.92	0	48.847722	-86.930870	56475.54	56220.6	29.38	56504.92	56566.82422	56628.61563	56666.48828	505071.8	5410530.3
L5070.0	505071.8	5410528.9	21355.09961	370.14	0	48.847710	-86.930869	56478.48	56220.6	29.38	56507.85	56568.75391	56649.77683	56685.38672	505071.8	5410528.9
L5070.0	505071.8	5410527.5	21355.19922	368.31	0	48.847697	-86.930869	56481.39	56220.6	29.37	56510.76	56570.65234	56670.35072	56703.68750	505071.8	5410527.5
L5070.0	505071.8	5410527.5	21355.30078	370.11	0	48.847697	-86.930869	56484.20	56220.6	29.37	56513.57	56572.43750	56688.38926	56719.44141	505071.8	5410527.5
L5070.0	505071.8	5410525.6	21355.40039	372.91	0	48.847680	-86.930869	56487.16	56220.6	29.37	56516.52	56574.35547	56709.85323	56738.61719	505071.8	5410525.6
L5070.0	505071.8	5410524.1	21355.50000	371.77	0	48.847666	-86.930869	56489.78	56220.6	29.36	56519.14	56575.93359	56723.15317	56749.61719	505071.8	5410524.1
L5070.0	505071.8	5410524.1	21355.59961	370.81	0	48.847666	-86.930869	56492.56	56220.6	29.36	56521.93	56577.67188	56740.67476	56764.82813	505071.8	5410524.1
L5070.0	505071.8	5410522.5	21355.69922	371.42	0	48.847651	-86.930869	56495.42	56220.6	29.36	56524.78	56579.46094	56759.72512	56781.56250	505071.8	5410522.5
L5070.0	505071.8	5410522.5	21355.69922	371.42	0	48.847651	-86.930869	56497.92	56220.6	29.36	56527.28	56580.89063	56770.19514	56789.71094	505071.8	5410522.5
L5070.0	505071.8	5410520.7	21355.90039	369.58	0	48.847636	-86.930869	56500.57	56220.6	29.35	56529.93	56582.46094	56784.46774	56801.66016	505071.8	5410520.7
L5070.0	505071.8	5410519.7	21356.00000	365.59	0	48.847626	-86.930869	56503.41	56220.7	29.35	56532.76	56584.20703	56803.30757	56818.17188	505071.8	5410519.7
L5070.0	505071.9	5410518.0	21356.09961	369.19	0	48.847611	-86.930869	56506.27	56220.7	29.35	56535.62	56585.97266	56823.02914	56835.55859	505071.9	5410518.0
L5070.0	505071.9	5410518.0	21356.19922	370.33	0	48.847611	-86.930869	56508.52	56220.7	29.35	56537.86	56587.11328	56827.58709	56837.77734	505071.9	5410518.0
L5070.0	505071.9	5410516.2	21356.30078	370.06	0	48.847595	-86.930869	56510.61	56220.7	29.35	56539.96	56588.10938	56828.86584	56836.71875	505071.9	5410516.2
L5070.0	505071.9	5410514.7	21356.40039	369.06	0	48.847582	-86.930869	56512.59	56220.7	29.35	56541.94	56588.97656	56827.37865	56832.89063	505071.9	5410514.7
L5070.0	505071.9	5410513.4	21356.50000	368.63	0	48.847570	-86.930868	56514.77	56220.7	29.35	56544.11	56590.02734	56830.80577	56833.98047	505071.9	5410513.4
L5070.0	505071.9	5410513.4	21356.59961	366.25	0	48.847570	-86.930868	56517.34	56220.7	29.34	56546.69	56591.48438	56844.60174	56845.43359	505071.9	5410513.4
L5070.0	505071.9	5410511.4	21356.69922	366.77	0	48.847552	-86.930868	56519.84	56220.7	29.34	56549.19	56592.85938	56856.67054	56855.16406	505071.9	5410511.4
L5070.0	505071.9	5410509.9	21356.80078	367.41	0	48.847539	-86.930868	56521.94	56220.7	29.34	56551.28	56593.81641	56858.86983	56855.02734	505071.9	5410509.9
L5070.0	505071.9	5410508.1	21356.90039	369.63	0	48.847522	-86.930868	56523.80	56220.7	29.34	56553.14	56594.53906	56855.66208	56849.48828	505071.9	5410508.1
L5070.0	505071.9	5410508.1	21357.00000	363.89	0	48.847522	-86.930868	56525.69	56220.7	29.34	56555.03	56595.29297	56853.48608	56844.98438	505071.9	5410508.1
L5070.0	505072.0	5410506.7	21357.09961	363.73	0	48.847510	-86.930867	56527.45	56220.7	29.34	56556.79	56595.91016	56848.39812	56837.57031	505072.0	5410506.7
L5070.0	505072.0	5410506.7	21357.19922	362.67	0	48.847510	-86.930867	56529.54	56220.7	29.34	56558.88	56596.85547	56851.77825	56838.63281	505072.0	5410506.7
L5070.0	505072.0	5410503.2	21357.30078	363.74	0	48.847478	-86.930866	56531.84	56220.7	29.33	56561.17	56598.00000	56860.42212	56844.96094	505072.0	5410503.2
L5070.0	505072.0	5410503.2	21357.40039	364.42	0	48.847478	-86.930866	56533.47	56220.7	29.33	56562.80	56598.48438	56853.08047	56835.31641	505072.0	5410503.2
L5070.0	505072.0	5410503.2	21357.50000	366.49	0	48.847478	-86.930866	56535.34	56220.7	29.33	56564.67	56599.20703	56852.00592	56831.94531	505072.0	5410503.2
L5070.0	505072.1	5410501.6	21357.59961	364.72	0	48.847464	-86.930866	56536.92	56220.7	29.33	56566.25	56599.63672	56844.10394	56821.75391	505072.1	5410501.6
L5070.0	505072.1	5410500.0	21357.69922	361.90	0	48.847450	-86.930865	56538.25	56220.7	29.33	56567.57	56599.80859	56830.12085	56805.49219	505072.1	5410500.0
L5070.0	505072.1	5410500.0	21357.69922	361.90	0	48.847450	-86.930865	56539.78	56220.7	29.33	56569.10	56600.18750	56821.67774	56794.78125	505072.1	5410500.0
L5070.0	505072.1	5410498.0	21357.90039	366.51	0	48.847431	-86.930865	56541.13	56220.7	29.32	56570.45	56600.39063	56809.13768	56779.98438	505072.1	5410498.0
L5070.0	505072.2	5410496.7	21358.00000	368.67	0	48.847419	-86.930865	56542.84	56220.7	29.32	56572.16	56600.95703	56805.85016	56774.45313	505072.2	5410496.7
L5070.0	505072.2	5410495.3	21358.09961	367.78	0	48.847407	-86.930864	56544.32	56220.7	29.32	56573.64	56601.29297	56797.23302	56763.60156	505072.2	5410495.3
L5070.0	505072.2	5410495.3	21358.19922	368.05	0	48.847407	-86.930864	56546.00	56220.7	29.31	56575.31	56601.82031	56793.66800	56757.81641	505072.2	5410495.3
L5070.0	505072.2	5410493.9	21358.30078	369.60	0	48.847395	-86.930864	56547.26	56220.7	29.31	56576.56	56601.92969	56780.07702	56742.02344	505072.2	5410493.9
L5070.0	505072.3	5410492.1	21358.40039	369.79	0	48.847378	-86.930863	56548.61	56220.7	29.30	56577.91	56602.14453	56769.31213	56729.07031	505072.3	5410492.1
L5070.0	505072.3	5410492.1	21358.50000	369.69	0	48.847378	-86.930863	56549.78	56220.7	29.29	56579.07	56602.17188	56754.20348	56711.78906	505072.3	5410492.1
L5070.0	505072.3	5410490.8	21358.59961	372.82	0	48.847366	-86.930863	56551.29	56220.7	29.29	56580.58	56602.55469	56748.09621	56703.52734	505072.3	5410490.8
L5070.0	505072.3	5410488.9	21358.69922	373.81	0	48.847350	-86.930862	56552.70	56220.7	29.28	56581.98	56602.83203	56739.61735	56692.90625	505072.3	5410488.9
L5070.0	505072.3	5410488.9	21358.80078	376.22	0	48.847350	-86.930862	56554.02	56220.7	29.28	56583.30	56603.03125	56729.50502	56680.67578	505072.3	5410488.9
L5070.0	505072.4	5410487.5	21358.90039	375.37	0	48.847337	-86.930862	56555.20	56220.7	29.27	56584.47	56603.08984	56716.02519	56665.09766	505072.4	5410487.5
L5070.0	505072.4	5410485.9	21359.00000	376.15	0	48.847322	-86.930862	56556.24	56220.7	29.27	56585.51	56603.01953	56699.66798	56646.66016	505072.4	5410485.9
L5070.0	505072.4	5410485.9	21359.09961	375.20	0	48.847322	-86.930862	56557.44	56220.7	29.27	56586.71	56603.12109	56687.59697	56632.52734	505072.4	5410485.9
L5070.0	505072.4	5410484.3	21359.19922	370.91	0	48.847308	-86.930861	56558.43	56220.7	29.27	56587.71	56603.02734	56670.90908	56613.80078	505072.4	5410484.3
L5070.0	505072.5	5410482.6	21359.30078	371.37	0	48.847293	-86.930861	56559.89	56220.7	29.28	56589.16	56603.38672	56665.66573	56606.53906	505072.5	5410482.6
L5070.0	505072.5	5410482.6	21359.40039	372.45	0	48.847293	-86.930861	56560.91	56220.7	29.28	56590.18	56603.32813	56650.11039	56588.99219	505072.5	5410482.6
L5070.0	505072.5	5410480.5	21359.50000	372.18	0	48.847274	-86.930860	56562.48	56220.7	29.28	56591.76	56603.83594	56648.70828	56585.62109	505072.5	5410480.5
L5070.0	505072.5	5410479.2	21359.59961	373.75	0	48.847262	-86.930860	56563.64	56220.7	29.28	56592.92	56603.93359	56637.23104	56572.19531	505072.5	5410479.2
L5070.0	505072.5	5410479.2	21359.69922	374.34	0	48.847262	-86.930860	56564.81	56220.7	29.28	56594.10	56604.05859	56626.54928	56559.59375	505072.5	5410479.2
L5070.0	505072.6	5410476.5	21359.69922	374.34	0	48.847238	-86.930859	56565.58	56220.7	29.28	56594.86	56603.77344	56605.78231	56536.93359	505072.6	5410476.5
L5070.0	505072.6	5410476.5	21359.90039	372.96	0	48.847238	-86.930859	56566.57	56220.7	29.29	56595.86	56603.73828	56591.23892	56520.51953	505072.6	5410476.5
L5070.0	505072.6	5410475.2	21360.00000	370.43	0	48.847227	-86.930859	56568.03	56220.7	29.29	56597.32	56604.17188	56588.35244	56515.79297	505072.6	5410475.2
L5070.0	505072.6	5410475.2	21360.09961	372.08	0	48.847227	-86.930859	56569.13	56220.7	29.29	56598.42	56604.25781	56576.85026	56502.47656	505072.6	5410475.2
L5070.0	505072.6	5410473.9	21360.19922	374.24	0	48.847214	-86.930859	56570.94	56220.7	29.28	56600.22	56605.05078	56582.92912	56506.76953	505072.6	5410473.9
L5070.0	505072.7	5410470.9	21360.30078	372.66	0	48.847187	-86.930858	56572.14	56220.7	29.28	56601.42	56605.25781	56574.45279	56496.53906	505072.7	5410470.9
L5070.0	505072.7	5410470.9	21360.40039	371.72	0	48.847187	-86.930858	56573.88	56220.7	29.27	56603.15	56606.00391	56579.34917	56499.70703	505072.7	5410470.9
L5070.0	505072.7	5410469.1	21360.50000	372.37	0	48.847172	-86.930857	56574.91	56220.7	29.27	56604.18	56606.06250	56567.21329	56485.87500	505072.7	5410469.1
L5070.0	505072.7	5410469.1	21360.59961	372.02	0	48.847172	-86.930857	56576.13	56220.7	29.27	56605.39	56606.31641	56559.79481	56476.78906	505072.7	5410469.1
L5070.0	505072.8	5410467.8	21360.69922	371.75	0	48.847160	-86.930857	56576.84	56220.7	29.26	56606.10	56606.07813	56540.28467	56455.64453	505072.8	5410467.8
L5070.0	505072.8	5410466.2	21360.80078	372.93	0	48.847145	-86.930856	56578.14	56220.7	29.26	56607.40	56606.44531	56535.62456	56449.38672	505072.8	5410466.2
L5070.0	505072.8	5410466.2	21360.90039	373.82	0	48.847145	-86.930856	56579.28	56220.7	29.25	56608.53	56606.65625	56527.02948	56439.22266	505072.8	5410466.2
L5070.0	505072.8	5410464.7	21361.00000	371.99	0	48.847132	-86.930856	56580.69	56220.8	29.25	56609.94	56607.15625	56525.62344	56436.28125	505072.8	5410464.7
L5070.0	505072.9	5410463.5	21361.09961	373.81	0	48.847121	-86.930855	56582.65	56220.8	29.25	56611.90	56608.22266	56538.08214	56447.23438	505072.9	5410463.5
L5070.0	505072.9	5410462.3	21361.19922	372.14	0	48.847110	-86.930855	56584.24	56220.8	29.25	56613.48	56608.92578	56541.42110	56449.10938	505072.9	5410462.3
L5070.0	505072.9	5410460.7	21361.30078	371.80	0	48.847096	-86.930854	56585.96	56220.8	29.24	56615.21	56609.78906	56548.74439	56455.00000	505072.9	5410460.7
L5070.0	505072.9	5410460.7	21361.40039	374.12	0	48.847096	-86.930854	56586.84	56220.8	29.24	56616.08	56609.80859	56535.09199	56439.95313	505072.9	5410460.7
L5070.0	505073.0	5410459.4	21361.50000	377.28	0	48.847084	-86.930854	56588.83	56220.8	29.24	56618.07	56610.96094	56549.41033	56452.91016	505073.0	5410459.4
L5070.0	505073.0	5410457.7	21361.59961	375.91	0	48.847069	-86.930854	56589.59	56220.8	29.24	56618.83	56610.90234	56533.61989	56435.79297	505073.0	5410457.7
L5070.0	505073.0	5410457.7	21361.69922	375.23	0	48.847069	-86.930854	56591.58	56220.8	29.24	56620.82	56612.08594	56548.53357	56449.41797	505073.0	5410457.7
L5070.0	505073.0	5410456.2	21361.69922	375.23	0	48.847055	-86.930853	56592.96	56220.8	29.24	56622.20	56612.67578	56548.67987	56448.31641	505073.0	5410456.2
L5070.0	505073.1	5410454.8	21361.90039	370.75	0	48.847043	-86.930853	56594.80	56220.8	29.23	56624.03	56613.73047	56560.26926	56458.69531	505073.1	5410454.8
L5070.0	505073.1	5410453.5	21362.00000	374.14	0	48.847031	-86.930853	56596.54	56220.8	29.23	56625.77	56614.71094	56569.96522	56467.21875	505073.1	5410453.5
L5070.0	505073.1	5410453.5	21362.09961	373.03	0	48.847031	-86.930853	56598.17	56220.8	29.23	56627.40	56615.59766	56577.28544	56473.40234	505073.1	5410453.5
L5070.0	505073.1	5410452.1	21362.19922	370.09	0	48.847018	-86.930852	56599.44	56220.8	29.23	56628.68	56616.15234	56576.31087	56471.33203	505073.1	5410452.1
L5070.0	505073.1	5410450.7	21362.30078	367.02	0	48.847006	-86.930852	56600.70	56220.8	29.24	56629.94	56616.70313	56575.21255	56469.17969	505073.1	5410450.7
L5070.0	505073.1	5410450.7	21362.40039	368.80	0	48.847006	-86.930852	56602.71	56220.8	29.24	56631.95	56618.01953	56593.03835	56485.99219	505073.1	5410450.7
L5070.0	505073.1	5410449.4	21362.50000	369.67	0	48.846994	-86.930852	56604.24	56220.8	29.24	56633.48	56618.87109	56599.40214	56491.37891	505073.1	5410449.4
L5070.0	505073.2	5410448.2	21362.59961	369.82	0	48.846984	-86.930852	56606.03	56220.8	29.24	56635.27	56620.00391	56612.61246	56503.65234	505073.2	5410448.2
L5070.0	505073.2	5410446.9	21362.69922	372.77	0	48.846971	-86.930851	56607.38	56220.8	29.24	56636.63	56620.71875	56615.63283	56505.78125	505073.2	5410446.9
L5070.0	505073.2	5410446.9	21362.80078	373.01	0	48.846971	-86.930851	56609.24	56220.8	29.25	56638.49	56621.95313	56631.47023	56520.76953	505073.2	5410446.9
L5070.0	505073.2	5410445.3	21362.90039	372.10	0	48.846957	-86.930851	56610.82	56220.8	29.25	56640.07	56622.92578	56640.86572	56529.35547	505073.2	5410445.3
L5070.0	505073.2	5410443.6	21363.00000	370.63	0	48.846942	-86.930851	56612.59	56220.8	29.25	56641.84	56624.10547	56655.45826	56543.17969	505073.2	5410443.6
L5070.0	505073.2	5410443.6	21363.09961	371.20	0	48.846942	-86.930851	56614.38	56220.8	29.25	56643.62	56625.31250	56670.82143	56557.81641	505073.2	5410443.6
L5070.0	505073.2	5410441.8	21363.19922	367.30	0	48.846926	-86.930851	56616.08	56220.8	29.25	56645.33	56626.46875	56685.00150	56571.31250	505073.2	5410441.8

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5070.0	505073.3	5410440.0	21363.30078	370.61	0	48.846910	-86.930850	56617.34	56220.8	29.25	56646.58	56627.17969	56688.38323	56574.05859	505073.3	5410440.0
L5070.0	505073.3	5410440.0	21363.40039	371.45	0	48.846910	-86.930850	56619.31	56220.8	29.25	56648.55	56628.63281	56710.15879	56595.23828	505073.3	5410440.0
L5070.0	505073.3	5410438.7	21363.50000	373.51	0	48.846898	-86.930850	56621.23	56220.8	29.25	56650.48	56630.05859	56731.56917	56616.09766	505073.3	5410438.7
L5070.0	505073.3	5410437.0	21363.59961	372.70	0	48.846883	-86.930850	56623.00	56220.8	29.24	56652.24	56631.33594	56749.42821	56633.44531	505073.3	5410437.0
L5070.0	505073.3	5410437.0	21363.69922	372.93	0	48.846883	-86.930850	56624.31	56220.8	29.24	56653.55	56632.17969	56756.84284	56640.39453	505073.3	5410437.0
L5070.0	505073.3	5410435.4	21363.69922	372.93	0	48.846868	-86.930850	56625.75	56220.8	29.24	56655.00	56633.17969	56768.42498	56651.55859	505073.3	5410435.4
L5070.0	505073.3	5410434.0	21363.90039	371.01	0	48.846856	-86.930850	56627.84	56220.8	29.24	56657.08	56634.83203	56796.31541	56679.07422	505073.3	5410434.0
L5070.0	505073.3	5410432.6	21364.00000	367.07	0	48.846843	-86.930849	56629.64	56220.8	29.24	56658.88	56636.21875	56818.05094	56700.47266	505073.3	5410432.6
L5070.0	505073.3	5410432.6	21364.09961	368.49	0	48.846843	-86.930849	56631.16	56220.8	29.24	56660.40	56637.34375	56833.66187	56715.79688	505073.3	5410432.6
L5070.0	505073.4	5410431.0	21364.19922	367.85	0	48.846829	-86.930849	56632.73	56220.8	29.24	56661.96	56638.52734	56851.08857	56732.97656	505073.4	5410431.0
L5070.0	505073.4	5410429.7	21364.30078	366.54	0	48.846818	-86.930849	56634.10	56220.8	29.24	56663.34	56639.55078	56864.92434	56746.61719	505073.4	5410429.7
L5070.0	505073.4	5410428.5	21364.40039	365.20	0	48.846806	-86.930849	56635.13	56220.8	29.24	56664.36	56640.23047	56870.75150	56752.29297	505073.4	5410428.5
L5070.0	505073.4	5410426.9	21364.50000	366.59	0	48.846791	-86.930849	56636.60	56220.8	29.24	56665.83	56641.37891	56888.62302	56770.05469	505073.4	5410426.9
L5070.0	505073.4	5410426.9	21364.59961	363.64	0	48.846791	-86.930849	56638.08	56220.8	29.23	56667.32	56642.56250	56907.94227	56789.30469	505073.4	5410426.9
L5070.0	505073.4	5410425.1	21364.69922	364.54	0	48.846776	-86.930849	56639.69	56220.8	29.23	56668.92	56643.87500	56930.96590	56812.30859	505073.4	5410425.1
L5070.0	505073.4	5410423.7	21364.80078	364.13	0	48.846763	-86.930849	56641.25	56220.8	29.23	56670.48	56645.16797	56954.01838	56835.39063	505073.4	5410423.7
L5070.0	505073.4	5410422.5	21364.90039	366.51	0	48.846752	-86.930848	56642.65	56220.8	29.23	56671.88	56646.31641	56974.16567	56855.60938	505073.4	5410422.5
L5070.0	505073.4	5410422.5	21365.00000	366.69	0	48.846752	-86.930848	56643.71	56220.8	29.23	56672.95	56647.15234	56987.23775	56868.79297	505073.4	5410422.5
L5070.0	505073.4	5410420.7	21365.09961	365.67	0	48.846736	-86.930848	56645.00	56220.8	29.23	56674.23	56648.21484	57006.61390	56888.32813	505073.4	5410420.7
L5070.0	505073.4	5410419.3	21365.19922	365.29	0	48.846723	-86.930848	56646.20	56220.8	29.23	56675.43	56649.21484	57025.15754	56907.07422	505073.4	5410419.3
L5070.0	505073.4	5410417.6	21365.30078	364.07	0	48.846708	-86.930848	56647.08	56220.8	29.23	56676.31	56649.91406	57036.96767	56919.13281	505073.4	5410417.6
L5070.0	505073.4	5410417.6	21365.40039	366.29	0	48.846708	-86.930848	56648.20	56220.8	29.23	56677.43	56650.87109	57055.91689	56938.37891	505073.4	5410417.6
L5070.0	505073.4	5410416.0	21365.50000	370.39	0	48.846694	-86.930848	56649.03	56220.8	29.23	56678.26	56651.55078	57068.93521	56951.73438	505073.4	5410416.0
L5070.0	505073.4	5410414.9	21365.59961	372.35	0	48.846684	-86.930848	56650.15	56220.8	29.23	56679.38	56652.53906	57090.38852	56973.56250	505073.4	5410414.9
L5070.0	505073.4	5410414.9	21365.69922	372.72	0	48.846684	-86.930848	56650.86	56220.8	29.23	56680.09	56653.13672	57103.00363	56986.60547	505073.4	5410414.9
L5070.0	505073.4	5410412.5	21365.69922	372.72	0	48.846662	-86.930849	56651.30	56220.8	29.23	56680.53	56653.47656	57110.26938	56994.33984	505073.4	5410412.5
L5070.0	505073.4	5410412.5	21365.90039	371.13	0	48.846662	-86.930849	56651.99	56220.8	29.23	56681.22	56654.08594	57125.06647	57009.65234	505073.4	5410412.5
L5070.0	505073.4	5410410.5	21366.00000	375.63	0	48.846644	-86.930849	56652.68	56220.8	29.23	56681.91	56654.71094	57141.24221	57026.37891	505073.4	5410410.5
L5070.0	505073.4	5410410.5	21366.09961	347.08	0	48.846644	-86.930849	56653.20	56220.8	29.23	56682.42	56655.17188	57154.37323	57040.10547	505073.4	5410410.5
L5070.0	505073.4	5410409.1	21366.19922	357.36	0	48.846632	-86.930849	56653.70	56220.8	29.22	56682.92	56655.63672	57168.68628	57055.05859	505073.4	5410409.1
L5070.0	505073.4	5410407.5	21366.30078	368.58	0	48.846617	-86.930849	56653.54	56220.8	29.22	56682.76	56655.45703	57168.13863	57055.19922	505073.4	5410407.5
L5070.0	505073.4	5410406.1	21366.40039	367.17	0	48.846604	-86.930849	56653.40	56220.8	29.21	56682.61	56655.30469	57169.31359	57057.09766	505073.4	5410406.1
L5070.0	505073.4	5410406.1	21366.50000	362.06	0	48.846604	-86.930849	56653.77	56220.8	29.21	56682.98	56655.68750	57184.83843	57073.39063	505073.4	5410406.1
L5070.0	505073.4	5410404.6	21366.59961	359.90	0	48.846591	-86.930849	56654.06	56220.8	29.20	56683.26	56655.99609	57199.65552	57089.01172	505073.4	5410404.6
L5070.0	505073.4	5410404.6	21366.69922	364.13	0	48.846591	-86.930849	56654.24	56220.8	29.19	56683.43	56656.20703	57213.28922	57103.49219	505073.4	5410404.6
L5070.0	505073.4	5410402.9	21366.80078	366.59	0	48.846576	-86.930849	56653.86	56220.8	29.19	56683.05	56655.88281	57214.88115	57105.97656	505073.4	5410402.9
L5070.0	505073.4	5410401.4	21366.90039	366.10	0	48.846562	-86.930849	56653.35	56220.8	29.18	56682.54	56655.44531	57214.82857	57106.85156	505073.4	5410401.4
L5070.0	505073.4	5410399.6	21367.00000	368.18	0	48.846546	-86.930849	56653.26	56220.8	29.18	56682.44	56655.42969	57226.49333	57119.48438	505073.4	5410399.6
L5070.0	505073.4	5410398.5	21367.09961	364.22	0	48.846536	-86.930849	56652.73	56220.8	29.18	56681.92	56655.00781	57229.37272	57123.37109	505073.4	5410398.5
L5070.0	505073.4	5410398.5	21367.19922	363.20	0	48.846536	-86.930849	56651.89	56220.8	29.18	56681.07	56654.26953	57225.70256	57120.74219	505073.4	5410398.5
L5070.0	505073.4	5410397.1	21367.30078	362.98	0	48.846524	-86.930849	56650.48	56220.8	29.18	56679.66	56652.98438	57209.80742	57105.93359	505073.4	5410397.1
L5070.0	505073.4	5410395.5	21367.40039	366.68	0	48.846509	-86.930849	56649.54	56220.8	29.18	56678.73	56652.19141	57207.40150	57104.65234	505073.4	5410395.5
L5070.0	505073.4	5410394.0	21367.50000	366.13	0	48.846496	-86.930849	56648.52	56220.8	29.19	56677.71	56651.32422	57204.40201	57102.80859	505073.4	5410394.0
L5070.0	505073.4	5410394.0	21367.59961	366.79	0	48.846496	-86.930849	56647.30	56220.8	29.19	56676.49	56650.26563	57198.09451	57097.69531	505073.4	5410394.0
L5070.0	505073.4	5410392.8	21367.69922	365.91	0	48.846485	-86.930849	56646.18	56220.8	29.19	56675.36	56649.31250	57195.64980	57096.47656	505073.4	5410392.8
L5070.0	505073.4	5410391.0	21367.69922	365.91	0	48.846469	-86.930849	56644.74	56220.8	29.19	56673.92	56648.05859	57187.18177	57089.27734	505073.4	5410391.0
L5070.0	505073.4	5410389.7	21367.90039	366.50	0	48.846458	-86.930849	56643.54	56220.8	29.19	56672.73	56647.06641	57186.53136	57089.92578	505073.4	5410389.7
L5070.0	505073.4	5410389.7	21368.00000	369.36	0	48.846458	-86.930849	56641.86	56220.8	29.19	56671.05	56645.59766	57175.40484	57080.13281	505073.4	5410389.7
L5070.0	505073.4	5410388.0	21368.09961	370.49	0	48.846442	-86.930849	56640.46	56220.8	29.19	56669.65	56644.41797	57172.83015	57078.92188	505073.4	5410388.0
L5070.0	505073.4	5410386.1	21368.19922	367.33	0	48.846425	-86.930849	56638.37	56220.8	29.19	56667.56	56642.56250	57154.82483	57062.31641	505073.4	5410386.1
L5070.0	505073.4	5410384.9	21368.30078	367.49	0	48.846414	-86.930849	56636.60	56220.8	29.19	56665.79	56641.03516	57146.34533	57055.26563	505073.4	5410384.9
L5070.0	505073.4	5410384.9	21368.40039	367.52	0	48.846414	-86.930849	56634.31	56220.8	29.19	56663.50	56638.99609	57126.61875	57037.00391	505073.4	5410384.9
L5070.0	505073.4	5410383.5	21368.50000	370.06	0	48.846401	-86.930849	56632.19	56220.8	29.19	56661.38	56637.14063	57112.68820	57024.56250	505073.4	5410383.5
L5070.0	505073.4	5410383.5	21368.59961	371.44	0	48.846401	-86.930849	56629.97	56220.8	29.19	56659.16	56635.19141	57097.86609	57011.26172	505073.4	5410383.5
L5070.0	505073.4	5410381.7	21368.69922	373.41	0	48.846385	-86.930850	56627.72	56220.8	29.19	56656.91	56633.22266	57083.86695	56998.80859	505073.4	5410381.7
L5070.0	505073.4	5410380.2	21368.80078	370.25	0	48.846372	-86.930850	56625.61	56220.8	29.19	56654.80	56631.40234	57074.87527	56991.39453	505073.4	5410380.2
L5070.0	505073.4	5410380.2	21368.90039	370.79	0	48.846372	-86.930850	56622.95	56220.8	29.19	56652.14	56629.03906	57053.81663	56971.94141	505073.4	5410380.2
L5070.0	505073.4	5410380.2	21369.00000	370.88	0	48.846372	-86.930850	56620.61	56220.8	29.19	56649.80	56627.00781	57042.17421	56961.92969	505073.4	5410380.2
L5070.0	505073.3	5410377.0	21369.09961	372.98	0	48.846343	-86.930850	56617.48	56220.8	29.19	56646.67	56624.19141	57012.48869	56933.89844	505073.3	5410377.0
L5070.0	505073.3	5410377.0	21369.19922	372.87	0	48.846343	-86.930850	56615.24	56220.8	29.19	56644.43	56622.27344	57006.26099	56929.34766	505073.3	5410377.0
L5070.0	505073.3	5410375.6	21369.30078	370.42	0	48.846330	-86.930850	56612.13	56220.8	29.19	56641.32	56619.49219	56979.96199	56904.75391	505073.3	5410375.6
L5070.0	505073.3	5410374.1	21369.40039	369.25	0	48.846317	-86.930850	56609.65	56220.8	29.19	56638.84	56617.35156	56970.64012	56897.15625	505073.3	5410374.1
L5070.0	505073.3	5410374.1	21369.50000	369.36	0	48.846317	-86.930850	56606.92	56220.8	29.19	56636.11	56614.96484	56956.51444	56884.77734	505073.3	5410374.1
L5070.0	505073.3	5410372.3	21369.59961	369.60	0	48.846300	-86.930850	56603.98	56220.8	29.19	56633.17	56612.37500	56938.54261	56868.57422	505073.3	5410372.3
L5070.0	505073.3	5410370.6	21369.69922	366.90	0	48.846286	-86.930850	56600.99	56220.8	29.19	56630.18	56609.73828	56920.64686	56852.46094	505073.3	5410370.6
L5070.0	505073.3	5410370.6	21369.69922	366.90	0	48.846286	-86.930850	56597.64	56220.8	29.19	56626.83	56606.75000	56895.13075	56828.75000	505073.3	5410370.6
L5070.0	505073.3	5410369.0	21369.90039	368.99	0	48.846271	-86.930850	56594.70	56220.8	29.19	56623.89	56604.17578	56880.99133	56816.43750	505073.3	5410369.0
L5070.0	505073.3	5410367.4	21370.00000	369.72	0	48.846257	-86.930850	56591.05	56220.8	29.19	56620.24	56600.89844	56850.50820	56787.79297	505073.3	5410367.4
L5070.0	505073.3	5410367.4	21370.09961	368.94	0	48.846257	-86.930850	56588.83	56220.8	29.19	56618.02	56599.05469	56856.53882	56795.67969	505073.3	5410367.4
L5070.0	505073.3	5410365.3	21370.19922	370.99	0	48.846238	-86.930850	56585.31	56220.8	29.19	56614.50	56595.91797	56831.56502	56772.57422	505073.3	5410365.3
L5070.0	505073.3	5410364.0	21370.30078	371.86	0	48.846226	-86.930850	56582.42	56220.8	29.19	56611.60	56593.40234	56823.00404	56765.89453	505073.3	5410364.0
L5070.0	505073.3	5410364.0	21370.40039	374.85	0	48.846226	-86.930850	56578.54	56220.8	29.19	56607.73	56589.92188	56791.51344	56736.30078	505073.3	5410364.0
L5070.0	505073.4	5410362.2	21370.50000	372.46	0	48.846210	-86.930850	56575.45	56220.8	29.18	56604.63	56587.21484	56780.05918	56726.75391	505073.4	5410362.2
L5070.0	505073.4	5410361.0	21370.59961	370.88	0	48.846199	-86.930850	56571.52	56220.8	29.18	56600.71	56583.69141	56749.29685	56697.91016	505073.4	5410361.0
L5070.0	505073.4	5410361.0	21370.69922	370.18	0	48.846199	-86.930850	56568.13	56220.8	29.18	56597.31	56580.69141	56732.30359	56682.83984	505073.4	5410361.0
L5070.0	505073.4	5410359.4	21370.80078	369.67	0	48.846185	-86.930850	56565.13	56220.8	29.18	56594.31	56578.08984	56726.06808	56678.54297	505073.4	5410359.4
L5070.0	505073.4	5410357.7	21370.90039	367.93	0	48.846170	-86.930850	56561.62	56220.8	29.18	56590.80	56574.98438	56708.05145	56662.46875	505073.4	5410357.7
L5070.0	505073.4	5410356.0	21371.00000	369.92	0	48.846154	-86.930850	56558.28	56220.8	29.18	56587.46	56572.05078	56695.01505	56651.38281	505073.4	5410356.0
L5070.0	505073.4	5410356.0	21371.09961	367.41	0	48.846154	-86.930850	56554.22	56220.8	29.18	56583.40	56568.39844	56664.91312	56623.23047	505073.4	5410356.0
L5070.0	505073.4	5410354.7	21371.19922	364.51	0	48.846142	-86.930850	56551.16	56220.8	29.18	56580.34	56565.74609	56660.21222	56620.48828	505073.4	5410354.7
L5070.0	505073.4	5410354.7	21371.30078	365.97	0	48.846142	-86.930850	56547.36	56220.8	29.18	56576.54	56562.35938	56637.85576	56600.08984	505073.4	5410354.7
L5070.0	505073.4	5410352.7	21371.40039	367.81	0	48.846125	-86.930850	56544.65	56220.8	29.18	56573.83	56560.05859	56643.02848	56607.22656	505073.4	5410352.7
L5070.0	505073.4	5410350.8	21371.50000	366.36	0	48.846108	-86.930850	56540.59	56220.8	29.18	56569.77	56556.41016	56615.37092	56581.53516	505073.4	5410350.8
L5070.0	505073.4	5410350.8	21371.59961	366.50	0	48.846108	-86.930850	56536.99	56220.8	29.18	56566.17	56553.22266	56599.57305	56567.69922	505073.4	5410350.8
L5070.0	505073.4	5410349.6	21371.69922	366.60	0	48.846097	-86.930850	56533.07	56220.8	29.18	56562.25	56549.71484	56576.30628	56546.39063	505073.4	5410349.6
L5070.0	505073.4	5410348.1	21371.69922	366.60	0	48.846083	-86.930850	56529.64	56220.8	29.18	56558.82	56546.69531	56565.54292	56537.58594	505073.4	5410348.1
L5070.0	505073.4	5410346.7	21371.90039	366.69	0	48.846070	-86.930850	56526.28	56220.8	29.18	56555.46	56543.74609	56556.85274	56530.85547	505073.4	5410346.7
L5070.0	505073.4	5410346.7	21372.00000	368.32	0	48.846070	-86.930850	56522.32	56220.8	29.18	56551.50	56540.19922	56533.62631	56509.58203	505073.4	5410346.7
L5070.0	505073.4	5410344.9	21372.09961	368.87	0	48.846054	-86.930850	56519.16	56220.8	29.18	56548.34	56537.44922	56530.41970	56508.32031	505073.4	5410344.9
L5070.0	505073.4	5410344.9	21372.19922	370.32	0	48.846054	-86.930850	56515.64	56220.8	29.18	56544.82	56534.33594	56518.51239	56498.34766	505073.4	5410344.9
L5070.0	505073.4	5410343.7	21372.30078	370.77	0	48.846044	-86.930850	56512.88	56220.8	29.18	56542.06	56531.98438	56525.54023	56507.30859	505073.4	5410343.7
L5070.0	505073.4	5410342.4	21372.40039	368.78	0	48.846031	-86.930850	56508.90	56220.8	29.18	56538.07	56528.39844	56502.26794	56485.95703	505073.4	5410342.4
L5070.0	505073.4	5410340.7	21372.50000	367.56	0	48.846016	-86.930850	56505.66	56220.8	29.17	56534.83	56525.56250	56497.58945	56483.19531	505073.4	5410340.7

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5070.0	505073.4	5410340.7	21372.59961	366.97	0	48.846016	-86.930850	56501.63	56220.8	29.17	56530.80	56521.93359	56473.39348	56460.89844	505073.4	5410340.7
L5070.0	505073.4	5410338.8	21372.69922	367.95	0	48.845999	-86.930850	56498.84	56220.8	29.17	56528.01	56519.53906	56479.81107	56469.20703	505073.4	5410338.8
L5070.0	505073.4	5410337.4	21372.80078	367.75	0	48.845987	-86.930850	56495.14	56220.8	29.17	56524.32	56516.24609	56463.90182	56455.17188	505073.4	5410337.4
L5070.0	505073.4	5410337.4	21372.90039	363.95	0	48.845987	-86.930850	56491.64	56220.8	29.17	56520.82	56513.14063	56452.56379	56445.69922	505073.4	5410337.4
L5070.0	505073.3	5410335.7	21373.00000	364.28	0	48.845971	-86.930851	56487.92	56220.8	29.17	56517.09	56509.80078	56435.37240	56430.35938	505073.3	5410335.7
L5070.0	505073.3	5410334.4	21373.09961	365.65	0	48.845960	-86.930851	56484.38	56220.8	29.17	56513.55	56506.64844	56422.66672	56419.48438	505073.3	5410334.4
L5070.0	505073.3	5410332.8	21373.19922	367.50	0	48.845946	-86.930851	56481.67	56220.8	29.17	56510.84	56504.32031	56430.22465	56428.85938	505073.3	5410332.8
L5070.0	505073.4	5410331.4	21373.30078	367.84	0	48.845933	-86.930850	56478.20	56220.8	29.17	56507.37	56501.23047	56418.70499	56419.13672	505073.4	5410331.4
L5070.0	505073.4	5410331.4	21373.40039	370.31	0	48.845933	-86.930850	56475.16	56220.8	29.17	56504.33	56498.56641	56417.48239	56419.69531	505073.4	5410331.4
L5070.0	505073.4	5410329.8	21373.50000	369.88	0	48.845918	-86.930850	56471.46	56220.8	29.18	56500.63	56495.23828	56399.57663	56403.55469	505073.4	5410329.8
L5070.0	505073.4	5410329.8	21373.59961	369.61	0	48.845918	-86.930850	56468.73	56220.8	29.18	56497.90	56492.87500	56405.24037	56410.95703	505073.4	5410329.8
L5070.0	505073.4	5410328.7	21373.69922	366.33	0	48.845908	-86.930850	56465.08	56220.8	29.18	56494.25	56489.58984	56387.72174	56395.16016	505073.4	5410328.7
L5070.0	505073.4	5410327.0	21373.69922	366.33	0	48.845893	-86.930850	56462.35	56220.8	29.18	56491.52	56487.21484	56392.46657	56401.60156	505073.4	5410327.0
L5070.0	505073.4	5410327.0	21373.90039	370.80	0	48.845893	-86.930850	56458.83	56220.8	29.18	56488.01	56484.06250	56377.42184	56388.23438	505073.4	5410327.0
L5070.0	505073.4	5410325.6	21374.00000	372.43	0	48.845880	-86.930850	56455.89	56220.8	29.18	56485.07	56481.46875	56375.92442	56388.39063	505073.4	5410325.6
L5070.0	505073.4	5410325.6	21374.09961	370.89	0	48.845880	-86.930850	56452.81	56220.8	29.18	56481.99	56478.73438	56370.39435	56384.48828	505073.4	5410325.6
L5070.0	505073.4	5410323.6	21374.19922	369.35	0	48.845863	-86.930850	56449.69	56220.8	29.18	56478.87	56475.95313	56363.27430	56378.97266	505073.4	5410323.6
L5070.0	505073.4	5410322.2	21374.30078	370.40	0	48.845850	-86.930850	56446.78	56220.8	29.19	56475.96	56473.37891	56360.71593	56377.98828	505073.4	5410322.2
L5070.0	505073.4	5410320.8	21374.40039	372.05	0	48.845837	-86.930850	56443.64	56220.8	29.19	56472.83	56470.57813	56352.06446	56370.89063	505073.4	5410320.8
L5070.0	505073.4	5410320.8	21374.50000	373.73	0	48.845837	-86.930850	56441.27	56220.8	29.19	56470.46	56468.53125	56361.51824	56381.87109	505073.4	5410320.8
L5070.0	505073.4	5410319.4	21374.59961	375.00	0	48.845825	-86.930850	56438.11	56220.8	29.19	56467.30	56465.68750	56350.74173	56372.58984	505073.4	5410319.4
L5070.0	505073.4	5410317.9	21374.69922	373.40	0	48.845812	-86.930850	56435.55	56220.8	29.19	56464.74	56463.44141	56354.07042	56377.38672	505073.4	5410317.9
L5070.0	505073.4	5410316.8	21374.80078	368.51	0	48.845801	-86.930850	56432.36	56220.8	29.20	56461.55	56460.55469	56341.08132	56365.83594	505073.4	5410316.8
L5070.0	505073.4	5410316.8	21374.90039	366.24	0	48.845801	-86.930850	56429.81	56220.8	29.20	56459.01	56458.31641	56343.39396	56369.56250	505073.4	5410316.8
L5070.0	505073.4	5410315.4	21375.00000	367.48	0	48.845789	-86.930850	56426.77	56220.8	29.20	56455.97	56455.57031	56332.56573	56360.11328	505073.4	5410315.4
L5070.0	505073.4	5410313.5	21375.09961	367.19	0	48.845772	-86.930850	56423.94	56220.8	29.20	56453.14	56453.03125	56326.13012	56355.03125	505073.4	5410313.5
L5070.0	505073.4	5410312.3	21375.19922	368.51	0	48.845761	-86.930850	56421.08	56220.8	29.20	56450.28	56450.45313	56318.14045	56348.35938	505073.4	5410312.3
L5070.0	505073.4	5410312.3	21375.30078	367.55	0	48.845761	-86.930850	56418.45	56220.8	29.20	56447.65	56448.09766	56315.01027	56346.51563	505073.4	5410312.3
L5070.0	505073.4	5410310.4	21375.40039	366.16	0	48.845744	-86.930850	56415.98	56220.8	29.20	56445.18	56445.89844	56314.99780	56347.75781	505073.4	5410310.4
L5070.0	505073.4	5410309.0	21375.50000	362.80	0	48.845731	-86.930850	56413.45	56220.8	29.20	56442.64	56443.62109	56312.40791	56346.39453	505073.4	5410309.0
L5070.0	505073.4	5410309.0	21375.59961	363.97	0	48.845731	-86.930850	56411.11	56220.8	29.20	56440.31	56441.55078	56314.15284	56349.33203	505073.4	5410309.0
L5070.0	505073.4	5410306.8	21375.69922	364.83	0	48.845711	-86.930850	56408.60	56220.8	29.20	56437.80	56439.28906	56310.58549	56346.92188	505073.4	5410306.8
L5070.0	505073.4	5410305.7	21375.69922	364.83	0	48.845702	-86.930850	56406.38	56220.8	29.20	56435.58	56437.31641	56313.31723	56350.77734	505073.4	5410305.7
L5070.0	505073.4	5410305.7	21375.90039	368.77	0	48.845702	-86.930850	56403.66	56220.8	29.20	56432.86	56434.83594	56302.81671	56341.37109	505073.4	5410305.7
L5070.0	505073.4	5410304.0	21376.00000	368.24	0	48.845686	-86.930850	56401.56	56220.8	29.20	56430.76	56432.96484	56306.76440	56346.37500	505073.4	5410304.0
L5070.0	505073.4	5410302.4	21376.09961	368.11	0	48.845671	-86.930851	56399.36	56220.8	29.20	56428.56	56430.99219	56307.36182	56348.00000	505073.4	5410302.4
L5070.0	505073.4	5410301.0	21376.19922	369.35	0	48.845659	-86.930851	56397.02	56220.8	29.20	56426.22	56428.87109	56303.61969	56345.24609	505073.4	5410301.0
L5070.0	505073.4	5410299.4	21376.30078	369.13	0	48.845645	-86.930851	56394.70	56220.8	29.20	56423.89	56426.75391	56299.24632	56341.82813	505073.4	5410299.4
L5070.0	505073.4	5410299.4	21376.40039	368.11	0	48.845645	-86.930851	56392.57	56220.8	29.20	56421.77	56424.83984	56299.18708	56342.68750	505073.4	5410299.4
L5070.0	505073.3	5410297.5	21376.50000	367.68	0	48.845628	-86.930851	56390.25	56220.8	29.20	56419.45	56422.71875	56293.31085	56337.69922	505073.3	5410297.5
L5070.0	505073.3	5410296.2	21376.59961	368.57	0	48.845616	-86.930851	56388.21	56220.8	29.20	56417.41	56420.87109	56293.48623	56338.73047	505073.3	5410296.2
L5070.0	505073.3	5410296.2	21376.69922	368.63	0	48.845616	-86.930851	56386.22	56220.8	29.20	56415.42	56419.07031	56294.03346	56340.09375	505073.3	5410296.2
L5070.0	505073.3	5410294.6	21376.80078	369.07	0	48.845601	-86.930851	56384.02	56220.8	29.20	56413.22	56417.05078	56288.53233	56335.37109	505073.3	5410294.6
L5070.0	505073.3	5410293.2	21376.90039	370.23	0	48.845589	-86.930852	56381.83	56220.8	29.20	56411.03	56415.03516	56282.42805	56330.01563	505073.3	5410293.2
L5070.0	505073.3	5410292.0	21377.00000	371.06	0	48.845579	-86.930852	56379.48	56220.8	29.20	56408.68	56412.85156	56271.52693	56319.82813	505073.3	5410292.0
L5070.0	505073.3	5410292.0	21377.09961	370.42	0	48.845579	-86.930852	56377.90	56220.8	29.20	56407.10	56411.43359	56278.82554	56327.80859	505073.3	5410292.0
L5070.0	505073.3	5410290.2	21377.19922	368.88	0	48.845562	-86.930852	56376.24	56220.8	29.20	56405.44	56409.92969	56283.32407	56332.94922	505073.3	5410290.2
L5070.0	505073.3	5410288.3	21377.30078	366.96	0	48.845545	-86.930852	56375.07	56220.8	29.20	56404.27	56408.90625	56299.12246	56349.35547	505073.3	5410288.3
L5070.0	505073.3	5410288.3	21377.40039	364.13	0	48.845545	-86.930852	56372.92	56220.8	29.20	56402.13	56406.91016	56290.14481	56340.95313	505073.3	5410288.3
L5070.0	505073.3	5410287.1	21377.50000	365.60	0	48.845534	-86.930852	56371.14	56220.8	29.20	56400.35	56405.26563	56289.27791	56340.62891	505073.3	5410287.1
L5070.0	505073.2	5410285.8	21377.59961	369.30	0	48.845522	-86.930853	56369.30	56220.8	29.21	56398.50	56403.54688	56285.90636	56337.76563	505073.2	5410285.8
L5070.0	505073.2	5410284.4	21377.69922	370.46	0	48.845510	-86.930853	56367.82	56220.8	29.21	56397.03	56402.20313	56291.16680	56343.49609	505073.2	5410284.4
L5070.0	505073.2	5410284.4	21377.69922	370.46	0	48.845510	-86.930853	56365.93	56220.8	29.21	56395.14	56400.42969	56285.29959	56338.07031	505073.2	5410284.4
L5070.0	505073.2	5410282.4	21377.90039	370.63	0	48.845492	-86.930853	56364.38	56220.8	29.21	56393.58	56398.98438	56286.85776	56340.03125	505073.2	5410282.4
L5070.0	505073.2	5410281.3	21378.00000	365.04	0	48.845482	-86.930853	56363.00	56220.8	29.21	56392.21	56397.72266	56292.39626	56345.94531	505073.2	5410281.3
L5070.0	505073.2	5410281.3	21378.09961	363.13	0	48.845482	-86.930853	56361.49	56220.8	29.21	56390.70	56396.31250	56293.77412	56347.66797	505073.2	5410281.3
L5070.0	505073.2	5410279.9	21378.19922	364.74	0	48.845470	-86.930854	56360.24	56220.8	29.21	56389.45	56395.16016	56300.89459	56355.09375	505073.2	5410279.9
L5070.0	505073.1	5410278.3	21378.30078	363.55	0	48.845455	-86.930854	56358.40	56220.8	29.21	56387.61	56393.41016	56292.76434	56347.23828	505073.1	5410278.3
L5070.0	505073.1	5410278.3	21378.40039	362.62	0	48.845455	-86.930854	56357.51	56220.8	29.21	56386.72	56392.60547	56307.46526	56362.18359	505073.1	5410278.3
L5070.0	505073.1	5410276.5	21378.50000	360.51	0	48.845439	-86.930854	56355.49	56220.8	29.21	56384.70	56390.66406	56293.60198	56348.53516	505073.1	5410276.5
L5070.0	505073.1	5410275.1	21378.59961	367.37	0	48.845426	-86.930855	56353.98	56220.8	29.21	56383.19	56389.23047	56291.72862	56346.84766	505073.1	5410275.1
L5070.0	505073.1	5410274.1	21378.69922	366.75	0	48.845417	-86.930855	56351.92	56220.8	29.21	56381.13	56387.23828	56275.66209	56330.92969	505073.1	5410274.1
L5070.0	505073.1	5410272.7	21378.80078	369.51	0	48.845405	-86.930855	56350.95	56220.8	29.21	56380.16	56386.33203	56285.95679	56341.34766	505073.1	5410272.7
L5070.0	505073.1	5410272.7	21378.90039	369.07	0	48.845405	-86.930855	56349.73	56220.8	29.21	56378.94	56385.17188	56289.50892	56344.99219	505073.1	5410272.7
L5070.0	505073.1	5410271.0	21379.00000	368.99	0	48.845389	-86.930855	56348.53	56220.8	29.21	56377.74	56384.02734	56293.00996	56348.55469	505073.1	5410271.0
L5070.0	505073.1	5410271.0	21379.09961	367.87	0	48.845389	-86.930855	56347.02	56220.8	29.21	56376.23	56382.56641	56288.32088	56343.90234	505073.1	5410271.0
L5070.0	505073.0	5410268.2	21379.19922	369.93	0	48.845364	-86.930856	56345.54	56220.8	29.21	56374.75	56381.13281	56283.86336	56339.45313	505073.0	5410268.2
L5070.0	505073.0	5410268.2	21379.30078	369.46	0	48.845364	-86.930856	56344.59	56220.8	29.21	56373.80	56380.22266	56292.01380	56347.58203	505073.0	5410268.2
L5070.0	505073.0	5410266.8	21379.40039	368.10	0	48.845352	-86.930856	56343.17	56220.8	29.21	56372.38	56378.83984	56288.07220	56343.58984	505073.0	5410266.8
L5070.0	505073.0	5410266.8	21379.50000	367.44	0	48.845352	-86.930856	56342.73	56220.8	29.21	56371.94	56378.43359	56307.89636	56363.33984	505073.0	5410266.8
L5070.0	505073.0	5410265.5	21379.59961	369.78	0	48.845340	-86.930856	56341.41	56220.8	29.21	56370.62	56377.14063	56305.52888	56360.87500	505073.0	5410265.5
L5070.0	505073.0	5410263.9	21379.69922	369.75	0	48.845325	-86.930856	56340.71	56220.8	29.21	56369.92	56376.46484	56318.06306	56373.28516	505073.0	5410263.9
L5070.0	505073.0	5410262.8	21379.69922	369.75	0	48.845316	-86.930857	56339.39	56220.8	29.21	56368.60	56375.16797	56314.86593	56369.93359	505073.0	5410262.8
L5070.0	505073.0	5410262.8	21379.80078	369.58	0	48.845316	-86.930857	56338.39	56220.8	29.21	56367.60	56374.18359	56319.18848	56374.08203	505073.0	5410262.8
L5070.0	505072.9	5410261.3	21380.00000	370.29	0	48.845302	-86.930857	56336.76	56220.8	29.21	56365.97	56372.56641	56307.56526	56362.26172	505072.9	5410261.3
L5070.0	505072.9	5410259.3	21380.09961	370.29	0	48.845284	-86.930858	56335.33	56220.8	29.21	56364.54	56371.14453	56300.52774	56355.00391	505072.9	5410259.3
L5070.0	505072.9	5410259.3	21380.19922	373.01	0	48.845284	-86.930858	56334.14	56220.8	29.21	56363.35	56369.96094	56299.08019	56353.31250	505072.9	5410259.3
L5070.0	505072.9	5410257.7	21380.30078	373.01	0	48.845270	-86.930858	56333.34	56220.8	29.21	56362.56	56369.17578	56307.19266	56361.16016	505072.9	5410257.7
L5070.0	505072.8	5410256.5	21380.40039	374.58	0	48.845259	-86.930858	56332.73	56220.8	29.21	56361.94	56368.55469	56319.19494	56372.87500	505072.8	5410256.5
L5070.0	505072.8	5410255.3	21380.50000	369.43	0	48.845248	-86.930859	56331.20	56220.8	29.21	56360.41	56367.01953	56308.40654	56361.78125	505072.8	5410255.3
L5070.0	505072.8	5410253.7	21380.59961	370.03	0	48.845234	-86.930859	56330.00	56220.8	29.22	56359.22	56365.82422	56305.73847	56358.78516	505072.8	5410253.7
L5070.0	505072.8	5410253.7	21380.69922	369.90	0	48.845234	-86.930859	56328.75	56220.8	29.22	56357.96	56364.55469	56301.07016	56353.77344	505072.8	5410253.7
L5070.0	505072.7	5410252.3	21380.80078	370.77	0	48.845221	-86.930860	56328.00	56220.8	29.22	56357.22	56363.80469	56308.99818	56361.33594	505072.7	5410252.3
L5070.0	505072.7	5410252.3	21380.90039	372.30	0	48.845221	-86.930860	56327.07	56220.8	29.22	56356.29	56362.85938	56311.98585	56363.94141	505072.7	5410252.3
L5070.0	505072.7	5410250.6	21381.00000	369.49	0	48.845206	-86.930860	56326.04	56220.8	29.22	56355.26	56361.81250	56312.27007	56363.82813	505072.7	5410250.6
L5070.0	505072.7	5410249.1	21381.09961	370.59	0	48.845193	-86.930860	56325.13	56220.8	29.22	56354.35	56360.88281	56315.30059	56366.44531	505072.7	5410249.1
L5070.0	505072.7	5410249.1	21381.19922	370.44	0	48.845193	-86.930860	56324.07	56220.8	29.22	56353.30	56359.81250	56314.66226	56365.37500	505072.7	5410249.1
L5070.0	505072.7	5410247.7	21381.30078	371.59	0	48.845180	-86.930861	56322.88	56220.8	29.23	56352.11	56358.60156	56310.36604	56360.62891	505072.7	5410247.7
L5070.0	505072.7	5410246.3	21381.40039	370.45	0	48.845168	-86.930861	56321.81	56220.8	29.23	56351.04	56357.50391	56308.84900	56358.65234	505072.7	5410246.3
L5070.0	505072.7	5410244.8	21381.50000	370.51	0	48.845153	-86.930861	56320.96	56220.8	29.23	56350.19	56356.62891	56312.59292	56361.92188	505072.7	5410244.8
L5070.0	505072.7	5410243.1	21381.59961	370.16	0	48.845139	-86.930861	56320.25	56220.8	29.23	56349.48	56355.89063	56319.62999	56368.47266	505072.7	5410243.1
L5070.0	505072.7	5410243.1	21381.69922	371.41	0	48.845139	-86.930861	56318.96	56220.8	29.23	56348.20	56354.58203	56312.41986	56360.76563	505072.7	5410243.1
L5070.0	505072.7	5410241.2	21381.69922	371.41	0	48.845121	-86.930861	56317.96	56220.8	29.23	56347.19	56353.53906	56311.73394	56359.56641	505072.7	5410241.2

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5070.0	505072.7	5410241.2	21381.90039	370.12	0	48.845121	-86.930861	56317.08	56220.8	29.24	56346.32	56352.63672	56314.36716	56361.67578	505072.7	5410241.2
L5070.0	505072.7	5410239.5	21382.00000	371.09	0	48.845106	-86.930861	56316.08	56220.8	29.24	56345.32	56351.60156	56313.65355	56360.42969	505072.7	5410239.5
L5070.0	505072.7	5410238.2	21382.09961	366.62	0	48.845094	-86.930861	56314.91	56220.8	29.24	56344.15	56350.39844	56308.61176	56354.84766	505072.7	5410238.2
L5070.0	505072.7	5410236.6	21382.19922	367.05	0	48.845080	-86.930861	56313.97	56220.8	29.24	56343.21	56349.42188	56309.13571	56354.82031	505072.7	5410236.6
L5070.0	505072.7	5410236.6	21382.30078	365.67	0	48.845080	-86.930861	56312.88	56220.8	29.24	56342.12	56348.29297	56305.83924	56350.96484	505072.7	5410236.6
L5070.0	505072.7	5410234.9	21382.40039	367.40	0	48.845065	-86.930861	56311.98	56220.8	29.24	56341.22	56347.35547	56307.13238	56351.69141	505072.7	5410234.9
L5070.0	505072.7	5410232.9	21382.50000	369.82	0	48.845047	-86.930861	56311.06	56220.8	29.24	56340.31	56346.41016	56308.07732	56352.06250	505072.7	5410232.9
L5070.0	505072.7	5410232.9	21382.59961	367.25	0	48.845047	-86.930861	56310.27	56220.8	29.25	56339.51	56345.57031	56311.64548	56355.05078	505072.7	5410232.9
L5070.0	505072.7	5410231.5	21382.69922	364.72	0	48.845034	-86.930861	56309.41	56220.8	29.25	56338.65	56344.67188	56313.63980	56356.46094	505072.7	5410231.5
L5070.0	505072.7	5410229.9	21382.80078	363.46	0	48.845020	-86.930860	56308.30	56220.8	29.25	56337.54	56343.51953	56309.36852	56351.59766	505072.7	5410229.9
L5070.0	505072.7	5410229.9	21382.90039	364.71	0	48.845020	-86.930860	56307.46	56220.8	29.25	56336.71	56342.65234	56311.93619	56353.57031	505072.7	5410229.9
L5070.0	505072.7	5410228.3	21383.00000	368.81	0	48.845005	-86.930860	56306.19	56220.8	29.25	56335.44	56341.33984	56303.55005	56344.58203	505072.7	5410228.3
L5070.0	505072.7	5410227.0	21383.09961	369.93	0	48.844993	-86.930860	56305.09	56220.7	29.25	56334.34	56340.19922	56299.29141	56339.72266	505072.7	5410227.0
L5070.0	505072.7	5410225.6	21383.19922	371.61	0	48.844981	-86.930860	56304.09	56220.7	29.25	56333.34	56339.16016	56297.43330	56337.26172	505072.7	5410225.6
L5070.0	505072.7	5410225.6	21383.30078	372.85	0	48.844981	-86.930860	56303.79	56220.7	29.26	56333.05	56338.83203	56313.05644	56352.27734	505072.7	5410225.6
L5070.0	505072.7	5410223.7	21383.40039	371.98	0	48.844964	-86.930860	56302.58	56220.7	29.26	56331.84	56337.58203	56305.87395	56344.48828	505072.7	5410223.7
L5070.0	505072.7	5410223.7	21383.50000	373.56	0	48.844964	-86.930860	56301.57	56220.7	29.26	56330.83	56336.53125	56303.57194	56341.57813	505072.7	5410223.7
L5070.0	505072.7	5410222.1	21383.59961	373.81	0	48.844949	-86.930860	56300.57	56220.7	29.26	56329.83	56335.49219	56301.45632	56338.85547	505072.7	5410222.1
L5070.0	505072.7	5410220.4	21383.69922	374.81	0	48.844934	-86.930860	56299.40	56220.7	29.26	56328.66	56334.28516	56295.07992	56331.87109	505072.7	5410220.4
L5070.0	505072.7	5410218.8	21383.69922	374.81	0	48.844920	-86.930861	56298.53	56220.7	29.26	56327.79	56333.37500	56296.06178	56332.24609	505072.7	5410218.8
L5070.0	505072.7	5410218.8	21383.90039	369.51	0	48.844920	-86.930861	56297.64	56220.7	29.27	56326.91	56332.45703	56296.74107	56332.31641	505072.7	5410218.8
L5070.0	505072.7	5410217.5	21384.00000	368.81	0	48.844908	-86.930861	56296.77	56220.7	29.27	56326.04	56331.55078	56297.61355	56332.58594	505072.7	5410217.5
L5070.0	505072.7	5410217.5	21384.09961	369.17	0	48.844908	-86.930861	56295.70	56220.7	29.27	56324.97	56330.44531	56293.48978	56327.86328	505072.7	5410217.5
L5070.0	505072.7	5410215.1	21384.19922	368.78	0	48.844887	-86.930861	56294.70	56220.7	29.27	56323.97	56329.41016	56291.04462	56324.82031	505072.7	5410215.1
L5070.0	505072.7	5410214.6	21384.30078	369.38	0	48.844882	-86.930861	56293.66	56220.7	29.27	56322.93	56328.33594	56287.56008	56320.74219	505072.7	5410214.6
L5070.0	505072.7	5410213.2	21384.40039	368.65	0	48.844869	-86.930861	56292.84	56220.7	29.27	56322.11	56327.48047	56289.46356	56322.05469	505072.7	5410213.2
L5070.0	505072.7	5410211.6	21384.50000	368.28	0	48.844855	-86.930861	56291.84	56220.7	29.27	56321.12	56326.45703	56287.11595	56319.12500	505072.7	5410211.6
L5070.0	505072.6	5410209.9	21384.59961	367.63	0	48.844839	-86.930862	56290.98	56220.7	29.28	56320.25	56325.55469	56287.68597	56319.11328	505072.6	5410209.9
L5070.0	505072.6	5410209.9	21384.69922	366.27	0	48.844839	-86.930862	56289.90	56220.7	29.28	56319.18	56324.45703	56283.26453	56314.11719	505072.6	5410209.9
L5070.0	505072.6	5410208.6	21384.80078	369.26	0	48.844828	-86.930862	56289.12	56220.7	29.28	56318.40	56323.64453	56285.96370	56316.24609	505072.6	5410208.6
L5070.0	505072.6	5410207.5	21384.90039	369.66	0	48.844818	-86.930862	56288.54	56220.7	29.28	56317.82	56323.03906	56293.55930	56323.28125	505072.6	5410207.5
L5070.0	505072.6	5410207.5	21385.00000	372.18	0	48.844818	-86.930862	56287.56	56220.7	29.28	56316.84	56322.03125	56291.22112	56320.38672	505072.6	5410207.5
L5070.0	505072.6	5410205.5	21385.09961	366.06	0	48.844800	-86.930862	56286.43	56220.7	29.28	56315.71	56320.87500	56285.12886	56313.74609	505072.6	5410205.5
L5070.0	505072.6	5410204.0	21385.19922	364.80	0	48.844787	-86.930862	56285.52	56220.7	29.28	56314.80	56319.94141	56284.42827	56312.50391	505072.6	5410204.0
L5070.0	505072.6	5410204.0	21385.30078	365.82	0	48.844787	-86.930862	56284.29	56220.7	29.28	56313.58	56318.69922	56276.01926	56303.56250	505072.6	5410204.0
L5070.0	505072.6	5410202.4	21385.40039	365.87	0	48.844773	-86.930862	56283.02	56220.7	29.28	56312.30	56317.39453	56266.08142	56293.09766	505072.6	5410202.4
L5070.0	505072.7	5410201.1	21385.50000	364.57	0	48.844761	-86.930862	56282.38	56220.7	29.29	56311.66	56316.73438	56271.91722	56298.41797	505072.7	5410201.1
L5070.0	505072.7	5410199.6	21385.59961	365.51	0	48.844747	-86.930861	56281.63	56220.7	29.29	56310.92	56315.97656	56275.23585	56301.22656	505072.7	5410199.6
L5070.0	505072.7	5410198.4	21385.69922	363.34	0	48.844736	-86.930861	56280.66	56220.7	29.29	56309.95	56314.98828	56272.82419	56298.31641	505072.7	5410198.4
L5070.0	505072.7	5410198.4	21385.69922	363.34	0	48.844736	-86.930861	56279.54	56220.7	29.29	56308.83	56313.85156	56266.65980	56291.66406	505072.7	5410198.4
L5070.0	505072.7	5410197.1	21385.90039	367.56	0	48.844725	-86.930861	56278.52	56220.7	29.29	56307.81	56312.82031	56262.92225	56287.44531	505072.7	5410197.1
L5070.0	505072.7	5410196.1	21386.00000	367.12	0	48.844715	-86.930861	56277.74	56220.7	29.29	56307.03	56312.02734	56265.07214	56289.12500	505072.7	5410196.1
L5070.0	505072.7	5410194.8	21386.09961	369.46	0	48.844704	-86.930861	56276.79	56220.7	29.29	56306.08	56311.06250	56262.97545	56286.56641	505072.7	5410194.8
L5070.0	505072.7	5410193.2	21386.19922	371.82	0	48.844690	-86.930861	56276.27	56220.7	29.29	56305.56	56310.53516	56271.46290	56294.60547	505072.7	5410193.2
L5070.0	505072.7	5410193.2	21386.30078	372.96	0	48.844690	-86.930861	56275.64	56220.7	29.29	56304.93	56309.89453	56277.18718	56299.88672	505072.7	5410193.2
L5070.0	505072.7	5410192.0	21386.40039	368.50	0	48.844678	-86.930861	56274.70	56220.7	29.29	56304.00	56308.96094	56275.45216	56297.72266	505072.7	5410192.0
L5070.0	505072.7	5410190.4	21386.50000	366.52	0	48.844665	-86.930861	56273.31	56220.7	29.30	56302.61	56307.56250	56262.30323	56284.15625	505072.7	5410190.4
L5070.0	505072.7	5410190.4	21386.59961	364.91	0	48.844665	-86.930861	56272.12	56220.7	29.30	56301.41	56306.35938	56253.80699	56275.25391	505072.7	5410190.4
L5070.0	505072.7	5410189.0	21386.69922	364.46	0	48.844652	-86.930861	56271.20	56220.7	29.30	56300.50	56305.44922	56252.43539	56273.48438	505072.7	5410189.0
L5070.0	505072.7	5410187.5	21386.80078	366.50	0	48.844638	-86.930861	56270.44	56220.7	29.30	56299.74	56304.68750	56254.72818	56275.39063	505072.7	5410187.5
L5070.0	505072.7	5410187.5	21386.90039	365.90	0	48.844638	-86.930861	56269.62	56220.7	29.30	56298.92	56303.87109	56255.49488	56275.78516	505072.7	5410187.5
L5070.0	505072.7	5410186.0	21387.00000	365.86	0	48.844625	-86.930861	56268.59	56220.7	29.30	56297.89	56302.84375	56251.02803	56270.95313	505072.7	5410186.0
L5070.0	505072.7	5410184.4	21387.09961	362.88	0	48.844611	-86.930861	56268.12	56220.7	29.30	56297.42	56302.37891	56260.36034	56279.93359	505072.7	5410184.4
L5070.0	505072.7	5410184.4	21387.19922	364.12	0	48.844611	-86.930861	56267.35	56220.7	29.30	56296.65	56301.61328	56262.23487	56281.46875	505072.7	5410184.4
L5070.0	505072.7	5410183.4	21387.30078	364.47	0	48.844601	-86.930861	56266.52	56220.7	29.31	56295.83	56300.80078	56262.83114	56281.73438	505072.7	5410183.4
L5070.0	505072.7	5410182.1	21387.40039	368.45	0	48.844589	-86.930861	56265.38	56220.7	29.31	56294.69	56299.67188	56255.47555	56274.06250	505072.7	5410182.1
L5070.0	505072.7	5410180.2	21387.50000	365.49	0	48.844572	-86.930861	56264.36	56220.7	29.31	56293.67	56298.66406	56251.04388	56269.32422	505072.7	5410180.2
L5070.0	505072.7	5410179.2	21387.59961	366.84	0	48.844564	-86.930861	56263.18	56220.7	29.31	56292.50	56297.50391	56242.86244	56260.85156	505072.7	5410179.2
L5070.0	505072.7	5410179.2	21387.69922	366.02	0	48.844564	-86.930861	56262.32	56220.7	29.31	56291.63	56296.64844	56242.05413	56259.75781	505072.7	5410179.2
L5070.0	505072.8	5410177.9	21387.69922	366.02	0	48.844552	-86.930860	56261.50	56220.7	29.31	56290.82	56295.85547	56242.68668	56260.12109	505072.8	5410177.9
L5070.0	505072.8	5410177.9	21387.90039	364.66	0	48.844552	-86.930860	56260.91	56220.7	29.32	56290.23	56295.28125	56248.71480	56265.88672	505072.8	5410177.9
L5070.0	505072.8	5410176.2	21388.00000	364.66	0	48.844537	-86.930860	56260.30	56220.7	29.32	56289.62	56294.69141	56254.20610	56271.12891	505072.8	5410176.2
L5070.0	505072.8	5410174.9	21388.09961	362.16	0	48.844525	-86.930860	56259.41	56220.7	29.32	56288.73	56293.82031	56252.73378	56269.41797	505072.8	5410174.9
L5070.0	505072.8	5410174.9	21388.19922	362.57	0	48.844525	-86.930860	56258.51	56220.7	29.33	56287.84	56292.95313	56251.21843	56267.67969	505072.8	5410174.9
L5070.0	505072.8	5410172.5	21388.30078	361.08	0	48.844503	-86.930859	56257.34	56220.7	29.33	56286.67	56291.80469	56242.73874	56258.98438	505072.8	5410172.5
L5070.0	505072.8	5410172.5	21388.40039	362.78	0	48.844503	-86.930859	56256.50	56220.7	29.34	56285.84	56291.00000	56242.61910	56258.66016	505072.8	5410172.5
L5070.0	505072.8	5410172.5	21388.50000	364.38	0	48.844503	-86.930859	56255.38	56220.7	29.34	56284.72	56289.90625	56235.28687	56251.13281	505072.8	5410172.5
L5070.0	505072.9	5410171.1	21388.59961	368.32	0	48.844490	-86.930859	56254.68	56220.7	29.34	56284.03	56289.24219	56238.53800	56254.20313	505072.9	5410171.1
L5070.0	505072.9	5410170.0	21388.69922	369.32	0	48.844481	-86.930859	56253.82	56220.7	29.35	56283.17	56288.41406	56237.54116	56253.03516	505072.9	5410170.0
L5070.0	505072.9	5410168.7	21388.80078	369.84	0	48.844469	-86.930859	56253.08	56220.6	29.35	56282.43	56287.70313	56239.46354	56254.79297	505072.9	5410168.7
L5070.0	505072.9	5410168.7	21388.90039	370.37	0	48.844469	-86.930859	56252.06	56220.6	29.36	56281.42	56286.72266	56234.66428	56249.84375	505072.9	5410168.7
L5070.0	505072.9	5410167.5	21389.00000	368.97	0	48.844458	-86.930859	56251.17	56220.6	29.36	56280.53	56285.86719	56232.78206	56247.82031	505072.9	5410167.5
L5070.0	505072.9	5410166.2	21389.09961	369.60	0	48.844446	-86.930859	56250.52	56220.6	29.36	56279.88	56285.25000	56236.78172	56251.68750	505072.9	5410166.2
L5070.0	505072.9	5410166.2	21389.19922	372.36	0	48.844446	-86.930859	56249.56	56220.6	29.36	56278.92	56284.32422	56233.06721	56247.85547	505072.9	5410166.2
L5070.0	505072.9	5410165.2	21389.30078	371.16	0	48.844438	-86.930859	56248.92	56220.6	29.36	56278.28	56283.72266	56237.20905	56251.88281	505072.9	5410165.2
L5070.0	505072.9	5410165.2	21389.40039	371.87	0	48.844438	-86.930859	56248.00	56220.6	29.36	56277.36	56282.83984	56234.37502	56248.94922	505072.9	5410165.2
L5070.0	505072.9	5410163.8	21389.50000	370.42	0	48.844426	-86.930859	56247.28	56220.6	29.36	56276.64	56282.16016	56236.42774	56250.90625	505072.9	5410163.8
L5070.0	505072.9	5410162.7	21389.59961	370.13	0	48.844415	-86.930859	56246.24	56220.6	29.36	56275.60	56281.15625	56230.51212	56244.90625	505072.9	5410162.7
L5070.0	505072.9	5410161.8	21389.69922	368.55	0	48.844407	-86.930859	56245.42	56220.6	29.36	56274.78	56280.37891	56229.97353	56244.29688	505072.9	5410161.8
L5070.0	505072.9	5410161.8	21389.69922	368.55	0	48.844407	-86.930859	56244.46	56220.6	29.36	56273.82	56279.46094	56225.91142	56240.16797	505072.9	5410161.8
L5070.0	505072.9	5410160.4	21389.90039	372.25	0	48.844395	-86.930859	56243.89	56220.6	29.36	56273.25	56278.93359	56231.42369	56245.62109	505072.9	5410160.4
L5070.0	505072.9	5410159.3	21390.00000	372.47	0	48.844385	-86.930858	56242.95	56220.6	29.36	56272.31	56278.03906	56227.72246	56241.87109	505072.9	5410159.3
L5070.0	505072.9	5410159.3	21390.09961	374.88	0	48.844385	-86.930858	56242.16	56220.6	29.37	56271.53	56277.30078	56227.90537	56242.01172	505072.9	5410159.3
L5070.0	505073.0	5410158.2	21390.19922	374.80	0	48.844375	-86.930858	56241.38	56220.6	29.37	56270.76	56276.57813	56228.26195	56242.33594	505073.0	5410158.2
L5070.0	505073.0	5410157.1	21390.30078	370.96	0	48.844365	-86.930858	56240.37	56220.6	29.38	56269.74	56275.60547	56222.36269	56236.41016	505073.0	5410157.1
L5070.0	505073.0	5410156.1	21390.40039	370.83	0	48.844356	-86.930857	56239.76	56220.6	29.38	56269.14	56275.05469	56226.76524	56240.79297	505073.0	5410156.1
L5070.0	505073.0	5410156.1	21390.50000	372.01	0	48.844356	-86.930857	56238.77	56220.6	29.39	56268.16	56274.12109	56221.69235	56235.70703	505073.0	5410156.1
L5070.0	505073.0	5410155.0	21390.59961	372.75	0	48.844346	-86.930857	56238.27	56220.6	29.40	56267.67	56273.67969	56228.64491	56242.65625	505073.0	5410155.0
L5070.0	505073.0	5410155.0	21390.69922	373.21	0	48.844346	-86.930857	56237.18	56220.6	29.40	56266.58	56272.64063	56220.67732	56234.69141	505073.0	5410155.0
L5070.0	505073.1	5410154.1	21390.80078	371.37	0	48.844337	-86.930856	56236.52	56220.6	29.41	56265.93	56272.04297	56223.49224	56237.51563	505073.1	5410154.1
L5070.0	505073.1	5410153.1	21390.90039	372.22	0	48.844329	-86.930856	56235.49	56220.6	29.41	56264.90	56271.06250	56216.81757	56230.85156	505073.1	5410153.1
L5070.0	505073.1	5410152.3	21391.00000	374.46	0	48.844322	-86.930856	56234.96	56220.6	29.42	56264.38	56270.59375	56222.64811	56236.70313	505073.1	5410152.3
L5070.0	505073.1	5410152.3	21391.09961	375.87	0	48.844322	-86.930856	56234.32	56220.6	29.42	56263.74	56270.00781	56225.40790	56239.48828	505073.1	5410152.3

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5070.0	505073.1	5410151.4	21391.19922	375.16	0	48.844314	-86.930856	56233.38	56220.6	29.42	56262.79	56269.11328	56220.39661	56234.50781	505073.1	5410151.4
L5070.0	505073.1	5410150.6	21391.30078	373.40	0	48.844306	-86.930855	56232.64	56220.6	29.41	56262.05	56268.42578	56220.46330	56234.60938	505073.1	5410150.6
L5070.0	505073.1	5410150.6	21391.40039	370.00	0	48.844306	-86.930855	56231.48	56220.6	29.41	56260.90	56267.33203	56210.27893	56224.46484	505073.1	5410150.6
L5070.0	505073.2	5410149.7	21391.50000	370.99	0	48.844299	-86.930855	56230.90	56220.6	29.41	56260.31	56266.79688	56213.81532	56228.04688	505073.2	5410149.7
L5070.0	505073.2	5410148.8	21391.59961	373.97	0	48.844291	-86.930855	56230.12	56220.6	29.41	56259.53	56266.07031	56212.53008	56226.80859	505073.2	5410148.8
L5070.0	505073.2	5410148.1	21391.69922	374.91	0	48.844284	-86.930855	56229.77	56220.6	29.41	56259.18	56265.77734	56221.74377	56236.07813	505073.2	5410148.1
L5070.0	505073.2	5410147.1	21391.69922	374.91	0	48.844275	-86.930855	56229.06	56220.6	29.41	56258.47	56265.12500	56221.92524	56236.31641	505073.2	5410147.1
L5070.0	505073.2	5410147.1	21391.90039	371.52	0	48.844275	-86.930855	56228.32	56220.6	29.40	56257.73	56264.44141	56221.22694	56235.67969	505073.2	5410147.1
L5070.0	505073.2	5410146.5	21392.00000	372.28	0	48.844269	-86.930855	56227.21	56220.6	29.40	56256.61	56263.37891	56210.99340	56225.50781	505073.2	5410146.5
L5070.0	505073.2	5410146.5	21392.09961	372.48	0	48.844269	-86.930855	56226.38	56220.6	29.40	56255.78	56262.60938	56207.78107	56222.36328	505073.2	5410146.5
L5070.0	505073.2	5410144.9	21392.19922	375.84	0	48.844255	-86.930855	56225.75	56220.6	29.40	56255.15	56262.03516	56209.36108	56224.01563	505073.2	5410144.9
L5070.0	505073.2	5410144.9	21392.30078	375.08	0	48.844255	-86.930855	56224.97	56220.6	29.40	56254.38	56261.32422	56207.32521	56222.05078	505073.2	5410144.9
L5070.0	505073.1	5410144.0	21392.40039	372.47	0	48.844247	-86.930856	56224.53	56220.6	29.40	56253.93	56260.93359	56213.03933	56227.83984	505073.1	5410144.0
L5070.0	505073.1	5410144.0	21392.50000	369.83	0	48.844247	-86.930856	56223.60	56220.6	29.41	56253.00	56260.06250	56206.72529	56221.60156	505073.1	5410144.0
L5070.0	505073.1	5410143.1	21392.59961	371.85	0	48.844239	-86.930856	56223.04	56220.6	29.41	56252.45	56259.57422	56209.63612	56224.58984	505073.1	5410143.1
L5070.0	505073.1	5410142.2	21392.69922	373.66	0	48.844230	-86.930856	56221.74	56220.6	29.41	56251.15	56258.33203	56193.83705	56208.87500	505073.1	5410142.2
L5070.0	505073.1	5410141.4	21392.80078	373.45	0	48.844224	-86.930856	56220.82	56220.6	29.41	56250.23	56257.47266	56187.25508	56202.37500	505073.1	5410141.4
L5070.0	505073.1	5410140.7	21392.90039	378.42	0	48.844218	-86.930856	56220.11	56220.6	29.41	56249.52	56256.82422	56185.68449	56200.88672	505073.1	5410140.7
L5070.0	505073.1	5410140.7	21393.00000	378.64	0	48.844218	-86.930856	56219.98	56220.6	29.41	56249.39	56256.75391	56198.26723	56213.55078	505073.1	5410140.7
L5070.0	505073.1	5410140.1	21393.09961	375.12	0	48.844212	-86.930857	56219.22	56220.6	29.42	56248.63	56256.05469	56195.09165	56210.46094	505073.1	5410140.1
L5070.0	505073.1	5410140.1	21393.19922	372.53	0	48.844212	-86.930857	56218.26	56220.6	29.42	56247.68	56255.16406	56187.03023	56202.48828	505073.1	5410140.1
L5070.0	505073.0	5410139.3	21393.30078	371.50	0	48.844205	-86.930857	56217.45	56220.6	29.43	56246.87	56254.41797	56182.23670	56197.78125	505073.0	5410139.3
L5070.0	505073.0	5410138.5	21393.40039	372.22	0	48.844198	-86.930858	56216.94	56220.6	29.43	56246.37	56253.97656	56184.91019	56200.53906	505073.0	5410138.5
L5070.0	505072.9	5410137.9	21393.50000	370.73	0	48.844192	-86.930858	56216.41	56220.6	29.44	56245.84	56253.50781	56186.64410	56202.35938	505072.9	5410137.9
L5070.0	505072.9	5410137.3	21393.59961	369.65	0	48.844186	-86.930859	56215.58	56220.6	29.44	56245.02	56252.75000	56181.00946	56196.80859	505072.9	5410137.3
L5070.0	505072.9	5410137.3	21393.69922	368.08	0	48.844186	-86.930859	56214.88	56220.6	29.44	56244.32	56252.10938	56178.13829	56194.02734	505072.9	5410137.3
L5070.0	505072.8	5410136.6	21393.69922	368.08	0	48.844180	-86.930860	56214.46	56220.6	29.44	56243.91	56251.76172	56182.23068	56198.20703	505072.8	5410136.6
L5070.0	505072.8	5410135.8	21393.90039	368.11	0	48.844173	-86.930861	56214.26	56220.5	29.46	56243.72	56251.63281	56191.55475	56207.61328	505072.8	5410135.8
L5070.0	505072.8	5410135.8	21394.00000	369.22	0	48.844173	-86.930861	56213.42	56220.5	29.46	56242.88	56250.85547	56184.60488	56200.74609	505072.8	5410135.8
L5070.0	505072.7	5410135.3	21394.09961	369.96	0	48.844169	-86.930861	56212.55	56220.5	29.46	56242.01	56250.04688	56176.70489	56192.92969	505072.7	5410135.3
L5070.0	505072.7	5410134.8	21394.19922	371.04	0	48.844164	-86.930862	56211.77	56220.5	29.46	56241.23	56249.32813	56170.82013	56187.12891	505072.7	5410134.8
L5070.0	505072.7	5410134.8	21394.30078	367.85	0	48.844164	-86.930862	56211.01	56220.5	29.47	56240.48	56248.64063	56165.46712	56181.85938	505072.7	5410134.8
L5070.0	505072.6	5410133.6	21394.40039	365.74	0	48.844153	-86.930864	56210.28	56220.5	29.47	56239.75	56247.96875	56160.39858	56176.87109	505072.6	5410133.6
L5070.0	505072.6	5410133.6	21394.50000	366.65	0	48.844153	-86.930864	56209.74	56220.5	29.47	56239.21	56247.49219	56159.81671	56176.36719	505072.6	5410133.6
L5070.0	505072.5	5410133.0	21394.59961	368.40	0	48.844148	-86.930864	56209.32	56220.5	29.47	56238.79	56247.13281	56161.99188	56178.61719	505072.5	5410133.0
L5070.0	505072.5	5410132.5	21394.69922	367.88	0	48.844143	-86.930865	56208.54	56220.5	29.47	56238.02	56246.42578	56155.30778	56172.01172	505072.5	5410132.5
L5070.0	505072.5	5410132.5	21394.80078	370.80	0	48.844143	-86.930865	56208.21	56220.5	29.48	56237.69	56246.15625	56159.29258	56176.07031	505072.5	5410132.5
L5070.0	505072.4	5410132.0	21394.90039	372.06	0	48.844139	-86.930865	56207.52	56220.5	29.48	56237.00	56245.52734	56154.17392	56171.02344	505072.4	5410132.0
L5070.0	505072.4	5410131.6	21395.00000	370.48	0	48.844136	-86.930866	56207.20	56220.5	29.48	56236.68	56245.26563	56157.99766	56174.91797	505072.4	5410131.6
L5070.0	505072.4	5410131.6	21395.09961	368.50	0	48.844136	-86.930866	56206.66	56220.5	29.48	56236.14	56244.78906	56156.18290	56173.17188	505072.4	5410131.6
L5070.0	505072.3	5410130.6	21395.19922	367.31	0	48.844127	-86.930867	56205.86	56220.5	29.48	56235.34	56244.05078	56147.74378	56164.80078	505072.3	5410130.6
L5070.0	505072.3	5410130.6	21395.30078	369.95	0	48.844127	-86.930867	56205.28	56220.5	29.48	56234.76	56243.53125	56144.54794	56161.66797	505072.3	5410130.6
L5070.0	505072.3	5410130.2	21395.40039	368.91	0	48.844123	-86.930867	56205.04	56220.5	29.48	56234.52	56243.35156	56149.56512	56166.75000	505072.3	5410130.2
L5070.0	505072.3	5410129.8	21395.50000	369.47	0	48.844119	-86.930868	56204.70	56220.5	29.48	56234.18	56243.07031	56151.92362	56169.16797	505072.3	5410129.8
L5070.0	505072.3	5410129.8	21395.59961	368.41	0	48.844119	-86.930868	56204.24	56220.5	29.48	56233.72	56242.67188	56151.13352	56168.43750	505072.3	5410129.8
L5070.0	505072.2	5410129.3	21395.69922	366.76	0	48.844115	-86.930868	56203.54	56220.5	29.48	56233.02	56242.03125	56144.23355	56161.59375	505072.2	5410129.3
L5070.0	505072.2	5410129.3	21395.69922	366.76	0	48.844115	-86.930868	56202.90	56220.5	29.48	56232.38	56241.45313	56138.64421	56156.05859	505072.2	5410129.3
L5070.0	505072.2	5410128.5	21395.90039	369.70	0	48.844108	-86.930869	56202.47	56220.5	29.48	56231.95	56241.08203	56138.07875	56155.54688	505072.2	5410128.5
L5070.0	505072.2	5410128.5	21396.00000	369.51	0	48.844108	-86.930869	56201.90	56220.5	29.48	56231.38	56240.57031	56133.89208	56151.40625	505072.2	5410128.5
L5070.0	505072.1	5410128.2	21396.09961	370.38	0	48.844105	-86.930870	56201.46	56220.5	29.48	56230.94	56240.19141	56132.76435	56150.32813	505072.1	5410128.2
L5070.0	505072.1	5410127.8	21396.19922	370.68	0	48.844101	-86.930871	56201.29	56220.5	29.48	56230.78	56240.08984	56138.41001	56156.02344	505072.1	5410127.8
L5070.0	505072.1	5410127.8	21396.30078	367.46	0	48.844101	-86.930871	56201.21	56220.5	29.49	56230.70	56240.07031	56145.89275	56163.55078	505072.1	5410127.8
L5070.0	505072.0	5410127.4	21396.40039	368.73	0	48.844098	-86.930871	56200.80	56220.5	29.49	56230.29	56239.72266	56145.08596	56162.78516	505072.0	5410127.4
L5070.0	505072.0	5410127.1	21396.50000	366.74	0	48.844095	-86.930872	56200.13	56220.5	29.49	56229.62	56239.10938	56137.72783	56155.46484	505072.0	5410127.1
L5070.0	505072.0	5410127.1	21396.59961	368.86	0	48.844095	-86.930872	56199.77	56220.5	29.49	56229.26	56238.80859	56137.91566	56155.69141	505072.0	5410127.1
L5070.0	505071.9	5410126.8	21396.69922	368.92	0	48.844092	-86.930872	56199.69	56220.5	29.49	56229.18	56238.78906	56144.91661	56162.73438	505071.9	5410126.8
L5070.0	505071.9	5410126.6	21396.80078	365.49	0	48.844090	-86.930873	56199.35	56220.5	29.50	56228.84	56238.50781	56145.39222	56163.24609	505071.9	5410126.6
L5070.0	505071.9	5410126.4	21396.90039	366.11	0	48.844088	-86.930873	56199.08	56220.5	29.50	56228.58	56238.30859	56147.75581	56165.64063	505071.9	5410126.4
L5070.0	505071.9	5410126.4	21397.00000	366.28	0	48.844088	-86.930873	56198.92	56220.5	29.50	56228.42	56238.20703	56152.51140	56170.42578	505071.9	5410126.4
L5070.0	505071.8	5410126.1	21397.09961	369.75	0	48.844086	-86.930873	56198.95	56220.5	29.50	56228.46	56238.30469	56162.14073	56180.08984	505071.8	5410126.1
L5070.0	505071.8	5410126.1	21397.19922	369.90	0	48.844086	-86.930873	56198.57	56220.5	29.51	56228.08	56237.98438	56161.32921	56179.30859	505071.8	5410126.1
L5070.0	505071.8	5410126.0	21397.30078	374.18	0	48.844085	-86.930874	56197.95	56220.5	29.51	56227.46	56237.42188	56154.53655	56172.54297	505071.8	5410126.0
L5070.0	505071.8	5410125.8	21397.40039	372.50	0	48.844083	-86.930874	56197.59	56220.5	29.51	56227.11	56237.13281	56154.37956	56172.41406	505071.8	5410125.8
L5070.0	505071.8	5410125.7	21397.50000	370.41	0	48.844082	-86.930875	56197.80	56220.5	29.51	56227.31	56237.39063	56167.79021	56185.85156	505071.8	5410125.7
L5070.0	505071.8	5410125.7	21397.59961	372.21	0	48.844082	-86.930875	56197.57	56220.5	29.52	56227.08	56237.21875	56170.55664	56188.64453	505071.8	5410125.7
L5070.0	505071.7	5410125.6	21397.69922	370.95	0	48.844081	-86.930875	56197.09	56220.5	29.52	56226.61	56236.80469	56167.38672	56185.50000	505071.7	5410125.6
L5070.0	505071.7	5410125.6	21397.69922	370.95	0	48.844081	-86.930875	56196.68	56220.5	29.52	56226.20	56236.45313	56165.70745	56183.84375	505071.7	5410125.6
L5070.0	505071.7	5410125.5	21397.90039	374.18	0	48.844080	-86.930875	56196.73	56220.5	29.53	56226.26	56236.57422	56175.66496	56193.82422	505071.7	5410125.5
L5070.0	505071.7	5410125.4	21398.00000	371.82	0	48.844079	-86.930876	56196.40	56220.5	29.53	56225.93	56236.30078	56176.01423	56194.19922	505071.7	5410125.4
L5070.0	505071.7	5410125.3	21398.09961	370.35	0	48.844078	-86.930876	56195.81	56220.5	29.53	56225.33	56235.75781	56169.73360	56187.94141	505071.7	5410125.3
L5070.0	505071.7	5410125.3	21398.19922	368.42	0	48.844078	-86.930876	56196.02	56220.5	29.53	56225.55	56236.03906	56183.77756	56202.01172	505071.7	5410125.3
L5070.0	505071.7	5410125.1	21398.30078	369.06	0	48.844077	-86.930876	56195.86	56220.5	29.53	56225.39	56235.93750	56188.49748	56206.75391	505071.7	5410125.1
L5070.0	505071.7	5410125.0	21398.40039	372.45	0	48.844076	-86.930876	56196.04	56220.5	29.53	56225.57	56236.17578	56201.70256	56219.98438	505071.7	5410125.0
L5070.0	505071.7	5410125.0	21398.50000	376.32	0	48.844076	-86.930876	56196.16	56220.5	29.53	56225.69	56236.35156	56213.51836	56231.82422	505071.7	5410125.0
L5070.0	505071.7	5410124.8	21398.59961	378.27	0	48.844074	-86.930876	56195.99	56220.5	29.53	56225.52	56236.23828	56218.27248	56236.60547	505071.7	5410124.8
L5070.0	505071.7	5410124.6	21398.69922	375.64	0	48.844072	-86.930876	56196.02	56220.5	29.53	56225.55	56236.32813	56228.08917	56246.44922	505071.7	5410124.6
L5070.0	505071.6	5410124.4	21398.80078	371.44	0	48.844071	-86.930876	56195.68	56220.5	29.53	56225.21	56236.04688	56228.89207	56247.28125	505071.6	5410124.4
L5070.0	505071.6	5410124.4	21398.90039	371.60	0	48.844071	-86.930876	56195.51	56220.5	29.53	56225.04	56235.93359	56234.04128	56252.45703	505071.6	5410124.4
L5070.0	505071.6	5410124.1	21399.00000	370.43	0	48.844068	-86.930876	56194.91	56220.5	29.53	56224.44	56235.39063	56228.71881	56247.16406	505071.6	5410124.1
L5070.0	505071.6	5410123.7	21399.09961	371.13	0	48.844065	-86.930876	56194.66	56220.5	29.53	56224.19	56235.19922	56232.21685	56250.69141	505071.6	5410123.7
L5070.0	505071.6	5410123.7	21399.19922	367.82	0	48.844065	-86.930876	56193.95	56220.5	29.53	56223.47	56234.53906	56224.27940	56242.78906	505071.6	5410123.7
L5070.0	505071.6	5410123.5	21399.30078	366.67	0	48.844062	-86.930876	56193.98	56220.5	29.53	56223.51	56234.63672	56235.32130	56253.86719	505071.6	5410123.5
L5070.0	505071.6	5410123.2	21399.40039	364.61	0	48.844060	-86.930877	56193.32	56220.5	29.53	56222.85	56234.03516	56229.26706	56247.84766	505071.6	5410123.2
L5070.0	505071.6	5410123.2	21399.50000	362.37	0	48.844060	-86.930877	56193.19	56220.5	29.53	56222.72	56233.96484	56236.53122	56255.14844	505071.6	5410123.2
L5070.0	505071.6	5410122.8	21399.59961	364.39	0	48.844057	-86.930877	56192.82	56220.5	29.53	56222.35	56233.65234	56238.09304	56256.75000	505071.6	5410122.8
L5070.0	505071.6	5410122.4	21399.69922	362.12	0	48.844053	-86.930877	56192.21	56220.5	29.53	56221.74	56233.10156	56233.96407	56252.66406	505071.6	5410122.4
L5070.0	505071.6	5410122.0	21399.69922	362.12	0	48.844049	-86.930877	56191.62	56220.5	29.53	56221.15	56232.57031	56230.58219	56249.32813	505071.6	5410122.0
L5070.0	505071.6	5410121.8	21399.90039	363.83	0	48.844047	-86.930877	56191.31	56220.5	29.53	56220.84	56232.31641	56234.38502	56253.17578	505071.6	5410121.8
L5070.0	505071.6	5410121.8	21400.00000	370.41	0	48.844047	-86.930877	56191.09	56220.5	29.53	56220.62	56232.15625	56240.68701	56259.52734	505071.6	5410121.8
L5070.0	505071.6	5410121.4	21400.09961	365.75	0	48.844043	-86.930877	56190.73	56220.5	29.53	56220.27	56231.86328	56244.06079	56262.95313	505071.6	5410121.4
L5070.0	505071.6	5410120.9	21400.19922	365.77	0	48.844040	-86.930877	56190.84	56220.5	29.53	56220.37	56232.02344	56258.85269	56277.80078	505071.6	5410120.9
L5070.0	505071.6	5410120.9	21400.30078	366.06	0	48.844040	-86.930877	56190.37	56220.5	29.54	56219.90	56231.61328	56259.86063	56278.86719	505071.6	5410120.9
L5070.0	505071.6	5410120.5	21400.40039	366.49	0	48.844035	-86.930877	56189.90	56220.5	29.54	56219.44	56231.21094	56261.43025	56280.49219	505071.6	5410120.5

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5070.0	505071.6	5410120.0	21400.50000	365.19	0	48.844031	-86.930877	56188.84	56220.5	29.54	56218.38	56230.21094	56248.49292	56267.61719	505071.6	5410120.0
L5070.0	505071.6	5410120.0	21400.59961	369.32	0	48.844031	-86.930877	56188.59	56220.5	29.54	56218.13	56230.01953	56255.90905	56275.09766	505071.6	5410120.0
L5070.0	505071.6	5410119.5	21400.69922	369.09	0	48.844027	-86.930876	56187.77	56220.5	29.54	56217.32	56229.26563	56249.82386	56269.08203	505071.6	5410119.5
L5070.0	505071.6	5410119.5	21400.80078	369.56	0	48.844027	-86.930876	56187.41	56220.5	29.55	56216.95	56228.95703	56254.96271	56274.29297	505071.6	5410119.5
L5070.0	505071.7	5410118.8	21400.90039	370.84	0	48.844020	-86.930876	56187.12	56220.5	29.55	56216.67	56228.73438	56262.68183	56282.08594	505071.7	5410118.8
L5070.0	505071.7	5410118.8	21401.00000	370.37	0	48.844020	-86.930876	56186.64	56220.4	29.55	56216.20	56228.32422	56266.06719	56285.54688	505071.7	5410118.8
L5070.0	505071.7	5410118.3	21401.09961	370.24	0	48.844016	-86.930876	56186.14	56220.5	29.55	56215.69	56227.87500	56268.83284	56288.39063	505071.7	5410118.3
L5070.0	505071.7	5410117.9	21401.19922	373.05	0	48.844012	-86.930875	56185.12	56220.5	29.55	56214.67	56226.91406	56259.36743	56279.00781	505071.7	5410117.9
L5070.0	505071.7	5410117.4	21401.30078	373.09	0	48.844007	-86.930875	56184.37	56220.5	29.55	56213.92	56226.22266	56256.95604	56276.68359	505071.7	5410117.4
L5070.0	505071.7	5410117.4	21401.40039	373.18	0	48.844007	-86.930875	56183.52	56220.5	29.55	56213.07	56225.43359	56252.45805	56272.27344	505071.7	5410117.4
L5070.0	505071.7	5410116.8	21401.50000	372.94	0	48.844002	-86.930875	56183.28	56220.5	29.55	56212.82	56225.24219	56263.18006	56283.08203	505071.7	5410116.8
L5070.0	505071.8	5410116.3	21401.59961	373.93	0	48.843998	-86.930875	56182.59	56220.5	29.54	56212.14	56224.62500	56263.66678	56283.66406	505071.8	5410116.3
L5070.0	505071.8	5410115.8	21401.69922	374.66	0	48.843993	-86.930875	56181.92	56220.5	29.54	56211.46	56224.00391	56264.54997	56284.64453	505071.8	5410115.8
L5070.0	505071.8	5410115.8	21401.69922	374.66	0	48.843993	-86.930875	56181.25	56220.5	29.54	56210.79	56223.39453	56266.07945	56286.27344	505071.8	5410115.8
L5070.0	505071.8	5410115.3	21401.90039	373.46	0	48.843989	-86.930875	56180.37	56220.5	29.54	56209.91	56222.57422	56262.81943	56283.11719	505071.8	5410115.3
L5070.0	505071.8	5410114.7	21402.00000	371.81	0	48.843984	-86.930875	56179.58	56220.5	29.54	56209.12	56221.84375	56262.18665	56282.58594	505071.8	5410114.7
L5070.0	505071.8	5410114.7	21402.09961	373.87	0	48.843984	-86.930875	56178.68	56220.5	29.54	56208.22	56221.00391	56259.23850	56279.74609	505071.8	5410114.7
L5070.0	505071.8	5410114.2	21402.19922	375.36	0	48.843979	-86.930875	56177.74	56220.5	29.55	56207.28	56220.12500	56255.70550	56276.32422	505071.8	5410114.2
L5070.0	505071.8	5410113.5	21402.30078	374.35	0	48.843973	-86.930874	56176.85	56220.5	29.55	56206.40	56219.30469	56254.05910	56274.78906	505071.8	5410113.5
L5070.0	505071.8	5410113.5	21402.40039	376.51	0	48.843973	-86.930874	56175.94	56220.4	29.55	56205.49	56218.45703	56252.07381	56272.91797	505071.8	5410113.5
L5070.0	505071.8	5410112.8	21402.50000	376.77	0	48.843967	-86.930874	56174.88	56220.4	29.56	56204.43	56217.45703	56246.78201	56267.74219	505071.8	5410112.8
L5070.0	505071.8	5410112.1	21402.59961	377.08	0	48.843960	-86.930874	56173.91	56220.4	29.56	56203.47	56216.55859	56244.36098	56265.44141	505071.8	5410112.1
L5070.0	505071.8	5410111.5	21402.69922	376.97	0	48.843954	-86.930874	56172.56	56220.4	29.56	56202.12	56215.26953	56232.69638	56253.89844	505071.8	5410111.5
L5070.0	505071.8	5410111.5	21402.80078	372.56	0	48.843954	-86.930874	56171.92	56220.4	29.56	56201.48	56214.69141	56238.97420	56260.30078	505071.8	5410111.5
L5070.0	505071.8	5410110.6	21402.90039	370.28	0	48.843947	-86.930874	56171.23	56220.4	29.57	56200.80	56214.07031	56244.65235	56266.10156	505071.8	5410110.6
L5070.0	505071.8	5410109.8	21403.00000	367.56	0	48.843940	-86.930874	56170.14	56220.4	29.57	56199.71	56213.04297	56240.58081	56262.15625	505071.8	5410109.8
L5070.0	505071.8	5410109.8	21403.09961	368.13	0	48.843940	-86.930874	56169.19	56220.4	29.57	56198.76	56212.15234	56240.34912	56262.05469	505071.8	5410109.8
L5070.0	505071.8	5410109.2	21403.19922	365.66	0	48.843934	-86.930875	56168.20	56220.4	29.57	56197.77	56211.22656	56239.50240	56261.33594	505071.8	5410109.2
L5070.0	505071.8	5410108.6	21403.30078	370.42	0	48.843928	-86.930875	56166.96	56220.4	29.57	56196.53	56210.04688	56232.84370	56254.80859	505071.8	5410108.6
L5070.0	505071.8	5410107.8	21403.40039	369.13	0	48.843922	-86.930875	56166.20	56220.4	29.57	56195.77	56209.34766	56238.40997	56260.50781	505071.8	5410107.8
L5070.0	505071.8	5410107.8	21403.50000	372.50	0	48.843922	-86.930875	56165.42	56220.4	29.57	56194.99	56208.62891	56243.83502	56266.06641	505071.8	5410107.8
L5070.0	505071.8	5410106.9	21403.59961	373.52	0	48.843913	-86.930875	56163.50	56220.4	29.57	56193.07	56206.77344	56221.42723	56243.79297	505071.8	5410106.9
L5070.0	505071.8	5410106.2	21403.69922	371.64	0	48.843907	-86.930875	56162.33	56220.4	29.57	56191.90	56205.66406	56217.89427	56240.39844	505071.8	5410106.2
L5070.0	505071.8	5410106.2	21403.69922	371.64	0	48.843907	-86.930875	56161.57	56220.4	29.57	56191.14	56204.96484	56224.82312	56247.46484	505071.8	5410106.2
L5070.0	505071.8	5410105.4	21403.90039	371.27	0	48.843900	-86.930875	56160.62	56220.4	29.57	56190.19	56204.07813	56227.37371	56250.15234	505071.8	5410105.4
L5070.0	505071.8	5410104.7	21404.00000	370.54	0	48.843893	-86.930875	56159.27	56220.4	29.57	56188.84	56202.78906	56220.34531	56243.26172	505071.8	5410104.7
L5070.0	505071.8	5410104.7	21404.09961	368.17	0	48.843893	-86.930875	56157.93	56220.4	29.57	56187.50	56201.51172	56213.86158	56236.91797	505071.8	5410104.7
L5070.0	505071.7	5410103.9	21404.19922	366.94	0	48.843886	-86.930875	56156.48	56220.4	29.57	56186.05	56200.12109	56204.94542	56228.14063	505071.7	5410103.9
L5070.0	505071.7	5410103.2	21404.30078	367.76	0	48.843880	-86.930876	56155.40	56220.4	29.56	56184.97	56199.10547	56205.44979	56228.78125	505071.7	5410103.2
L5070.0	505071.7	5410103.2	21404.40039	368.59	0	48.843880	-86.930876	56154.16	56220.4	29.56	56183.72	56197.91797	56202.01534	56225.48438	505071.7	5410103.2
L5070.0	505071.7	5410102.2	21404.50000	369.39	0	48.843871	-86.930876	56152.93	56220.4	29.56	56182.49	56196.75000	56199.32611	56222.93359	505071.7	5410102.2
L5070.0	505071.7	5410101.5	21404.59961	369.54	0	48.843864	-86.930876	56151.88	56220.4	29.56	56181.44	56195.76172	56201.32420	56225.07031	505071.7	5410101.5
L5070.0	505071.7	5410100.8	21404.69922	370.33	0	48.843858	-86.930876	56150.70	56220.4	29.56	56180.26	56194.64063	56200.33413	56224.21875	505071.7	5410100.8
L5070.0	505071.7	5410099.9	21404.80078	370.05	0	48.843850	-86.930876	56149.11	56220.4	29.55	56178.66	56193.10547	56189.17438	56213.19922	505071.7	5410099.9
L5070.0	505071.7	5410099.9	21404.90039	367.50	0	48.843850	-86.930876	56147.78	56220.4	29.55	56177.33	56191.83594	56184.88631	56209.04297	505071.7	5410099.9
L5070.0	505071.7	5410098.7	21405.00000	365.33	0	48.843840	-86.930876	56146.59	56220.4	29.55	56176.14	56190.70703	56184.24261	56208.53516	505071.7	5410098.7
L5070.0	505071.6	5410097.8	21405.09961	367.80	0	48.843831	-86.930877	56145.24	56220.4	29.55	56174.79	56189.41797	56179.81366	56204.24219	505071.6	5410097.8
L5070.0	505071.6	5410097.8	21405.19922	368.59	0	48.843831	-86.930877	56144.12	56220.4	29.55	56173.67	56188.35938	56181.22472	56205.78516	505071.6	5410097.8
L5070.0	505071.6	5410097.0	21405.30078	371.19	0	48.843824	-86.930877	56142.52	56220.4	29.55	56172.08	56186.83203	56171.15868	56195.85156	505071.6	5410097.0
L5070.0	505071.6	5410096.0	21405.40039	369.71	0	48.843815	-86.930877	56140.78	56220.4	29.55	56170.34	56185.15234	56157.51013	56182.33203	505071.6	5410096.0
L5070.0	505071.6	5410096.0	21405.50000	370.44	0	48.843815	-86.930877	56139.74	56220.4	29.56	56169.30	56184.17578	56161.27375	56186.22266	505071.6	5410096.0
L5070.0	505071.6	5410095.0	21405.59961	370.70	0	48.843807	-86.930878	56138.16	56220.4	29.56	56167.71	56182.64844	56151.53724	56176.61328	505071.6	5410095.0
L5070.0	505071.5	5410094.3	21405.69922	370.27	0	48.843800	-86.930878	56136.71	56220.4	29.56	56166.26	56181.25781	56145.34020	56170.54297	505071.5	5410094.3
L5070.0	505071.5	5410093.5	21405.69922	370.27	0	48.843793	-86.930879	56135.37	56220.4	29.56	56164.93	56179.98828	56142.17268	56167.49609	505071.5	5410093.5
L5070.0	505071.5	5410093.5	21405.90039	373.49	0	48.843793	-86.930879	56134.13	56220.4	29.56	56163.69	56178.81250	56141.27747	56166.72266	505071.5	5410093.5
L5070.0	505071.5	5410092.6	21406.00000	375.49	0	48.843785	-86.930879	56132.66	56220.4	29.56	56162.22	56177.40234	56134.72921	56160.28906	505071.5	5410092.6
L5070.0	505071.4	5410091.7	21406.09961	376.21	0	48.843776	-86.930880	56131.23	56220.4	29.56	56160.79	56176.03125	56129.18589	56154.86328	505071.4	5410091.7
L5070.0	505071.4	5410090.8	21406.19922	374.47	0	48.843769	-86.930880	56129.62	56220.4	29.56	56159.18	56174.48438	56119.19391	56144.98438	505071.4	5410090.8
L5070.0	505071.4	5410090.8	21406.30078	373.02	0	48.843769	-86.930880	56128.23	56220.4	29.56	56157.79	56173.15234	56114.62458	56140.52734	505071.4	5410090.8
L5070.0	505071.4	5410090.1	21406.40039	373.70	0	48.843762	-86.930880	56126.90	56220.4	29.56	56156.45	56171.87500	56111.26026	56137.26953	505071.4	5410090.1
L5070.0	505071.4	5410089.4	21406.50000	369.88	0	48.843756	-86.930881	56125.53	56220.4	29.56	56155.08	56170.56641	56107.10800	56133.21875	505071.4	5410089.4
L5070.0	505071.3	5410088.5	21406.59961	368.56	0	48.843748	-86.930881	56124.31	56220.4	29.55	56153.87	56169.41406	56106.84871	56133.06250	505071.3	5410088.5
L5070.0	505071.3	5410088.5	21406.69922	370.66	0	48.843748	-86.930881	56123.02	56220.4	29.55	56152.58	56168.18359	56104.53487	56130.84766	505071.3	5410088.5
L5070.0	505071.3	5410087.7	21406.80078	371.19	0	48.843740	-86.930881	56121.92	56220.4	29.55	56151.47	56167.13672	56106.57795	56132.98438	505071.3	5410087.7
L5070.0	505071.3	5410086.9	21406.90039	371.75	0	48.843733	-86.930881	56120.47	56220.4	29.55	56150.02	56165.74609	56100.10992	56126.60938	505071.3	5410086.9
L5070.0	505071.3	5410086.1	21407.00000	370.43	0	48.843726	-86.930881	56118.92	56220.4	29.55	56148.47	56164.25391	56091.04831	56117.63672	505071.3	5410086.1
L5070.0	505071.3	5410086.1	21407.09961	371.82	0	48.843726	-86.930881	56117.54	56220.4	29.55	56147.09	56162.93359	56086.05244	56112.72266	505071.3	5410086.1
L5070.0	505071.3	5410085.2	21407.19922	371.41	0	48.843718	-86.930881	56116.17	56220.4	29.55	56145.72	56161.62500	56081.15338	56107.90625	505071.3	5410085.2
L5070.0	505071.3	5410085.2	21407.30078	370.21	0	48.843718	-86.930881	56114.40	56220.4	29.55	56143.95	56159.91406	56066.20312	56093.03516	505071.3	5410085.2
L5070.0	505071.3	5410084.4	21407.40039	368.66	0	48.843711	-86.930881	56112.96	56220.4	29.55	56142.51	56158.53125	56059.23198	56086.13672	505071.3	5410084.4
L5070.0	505071.3	5410083.6	21407.50000	367.09	0	48.843703	-86.930881	56111.77	56220.4	29.55	56141.32	56157.40234	56058.24946	56085.22266	505071.3	5410083.6
L5070.0	505071.3	5410082.9	21407.59961	366.22	0	48.843697	-86.930881	56110.53	56220.4	29.55	56140.08	56156.21875	56055.82757	56082.87109	505071.3	5410082.9
L5070.0	505071.3	5410082.9	21407.69922	367.65	0	48.843697	-86.930881	56109.34	56220.4	29.55	56138.89	56155.08984	56054.42575	56081.53125	505071.3	5410082.9
L5070.0	505071.3	5410082.3	21407.69922	367.65	0	48.843692	-86.930881	56108.18	56220.4	29.55	56137.73	56153.98828	56053.53778	56080.70313	505071.3	5410082.3
L5070.0	505071.3	5410082.3	21407.90039	370.47	0	48.843692	-86.930881	56106.86	56220.4	29.55	56136.41	56152.72656	56048.45593	56075.67578	505071.3	5410082.3
L5070.0	505071.3	5410081.5	21408.00000	372.66	0	48.843685	-86.930881	56105.50	56220.4	29.55	56135.05	56151.42188	56042.13538	56069.40625	505071.3	5410081.5
L5070.0	505071.3	5410080.8	21408.09961	369.97	0	48.843679	-86.930881	56104.18	56220.4	29.55	56133.73	56150.16016	56036.54312	56063.85938	505071.3	5410080.8
L5070.0	505071.3	5410080.2	21408.19922	367.57	0	48.843673	-86.930881	56102.71	56220.4	29.55	56132.26	56148.74609	56026.97294	56054.33594	505071.3	5410080.2
L5070.0	505071.3	5410080.2	21408.30078	371.02	0	48.843673	-86.930881	56101.43	56220.4	29.55	56130.98	56147.52734	56021.81948	56049.22266	505071.3	5410080.2
L5070.0	505071.3	5410079.7	21408.40039	371.32	0	48.843669	-86.930882	56100.23	56220.4	29.55	56129.78	56146.38281	56018.35504	56045.79297	505071.3	5410079.7
L5070.0	505071.3	5410079.1	21408.50000	371.83	0	48.843663	-86.930882	56098.84	56220.4	29.55	56128.39	56145.05078	56009.89771	56037.36719	505071.3	5410079.1
L5070.0	505071.3	5410079.1	21408.59961	371.81	0	48.843663	-86.930882	56097.70	56220.4	29.55	56127.25	56143.96484	56007.31565	56034.81250	505071.3	5410079.1
L5070.0	505071.3	5410078.4	21408.69922	371.80	0	48.843657	-86.930882	56096.36	56220.4	29.55	56125.91	56142.68359	55999.47902	56027.00000	505071.3	5410078.4
L5070.0	505071.3	5410077.8	21408.80078	368.02	0	48.843652	-86.930882	56095.18	56220.4	29.55	56124.73	56141.55859	55995.27986	56022.82422	505071.3	5410077.8
L5070.0	505071.3	5410077.3	21408.90039	364.86	0	48.843647	-86.930882	56093.88	56220.4	29.55	56123.43	56140.31641	55987.79159	56015.35156	505071.3	5410077.3
L5070.0	505071.3	5410077.3	21409.00000	364.64	0	48.843647	-86.930882	56092.79	56220.4	29.55	56122.34	56139.28125	55985.16604	56012.73828	505071.3	5410077.3
L5070.0	505071.3	5410076.6	21409.09961	367.50	0	48.843641	-86.930882	56091.33	56220.4	29.55	56120.88	56137.87891	55973.06275	56000.64844	505071.3	5410076.6
L5070.0	505071.3	5410075.8	21409.19922	370.90	0	48.843634	-86.930882	56090.45	56220.4	29.55	56120.00	56137.05469	55974.95979	56002.55078	505071.3	5410075.8
L5070.0	505071.3	5410075.8	21409.30078	371.02	0	48.843634	-86.930882	56089.36	56220.4	29.55	56118.91	56136.01953	55971.32742	55998.92188	505071.3	5410075.8
L5070.0	505071.3	5410075.4	21409.40039	370.87	0	48.843630	-86.930882	56088.20	56220.4	29.55	56117.75	56134.91406	55965.62394	55993.21875	505071.3	5410075.4
L5070.0	505071.3	5410075.4	21409.50000	369.53	0	48.843630	-86.930882	56087.11	56220.4	29.56	56116.66	56133.87891	55961.30836	55988.89844	505071.3	5410075.4
L5070.0	505071.3	5410074.8	21409.59961	372.15	0	48.843624	-86.930881	56086.20	56220.4	29.56	56115.75	56133.02344	55961.09891	55988.68359	505071.3	5410074.8
L5070.0	505071.3	5410074.3	21409.69922	368.48	0	48.843620	-86.930881	56085.21	56220.4	29.56	56114.76	56132.08984	55958.56906	55986.14453	505071.3	5410074.3

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5070.0	505071.3	5410073.8	21409.69922	368.48	0	48.843615	-86.930881	56083.95	56220.4	29.56	56113.50	56130.88281	55949.02325	55976.58594	505071.3	5410073.8
L5070.0	505071.3	5410073.8	21409.80078	368.22	0	48.843615	-86.930881	56083.06	56220.4	29.56	56112.62	56130.05859	55948.52944	55976.07813	505071.3	5410073.8
L5070.0	505071.3	5410073.4	21409.90039	370.26	0	48.843612	-86.930881	56082.15	56220.4	29.56	56111.71	56129.20313	55946.95570	55974.48828	505071.3	5410073.4
L5070.0	505071.4	5410073.0	21410.00000	370.15	0	48.843608	-86.930881	56081.34	56220.4	29.56	56110.90	56128.44531	55947.51836	55975.03125	505071.4	5410073.0
L5070.0	505071.4	5410072.4	21410.19922	368.97	0	48.843603	-86.930881	56080.45	56220.4	29.56	56110.00	56127.59766	55945.52489	55973.01563	505071.4	5410072.4
L5070.0	505071.4	5410072.4	21410.30078	368.97	0	48.843603	-86.930881	56079.65	56220.4	29.56	56109.21	56126.86328	55945.92334	55973.39063	505071.4	5410072.4
L5070.0	505071.4	5410072.0	21410.40039	365.30	0	48.843599	-86.930881	56078.61	56220.4	29.56	56108.16	56125.86719	55939.57353	55967.01563	505071.4	5410072.0
L5070.0	505071.4	5410071.7	21410.50000	364.77	0	48.843597	-86.930881	56077.68	56220.4	29.56	56107.23	56124.98828	55935.87419	55963.28906	505071.4	5410071.7
L5070.0	505071.4	5410071.2	21410.59961	366.48	0	48.843592	-86.930881	56076.71	56220.4	29.55	56106.26	56124.07422	55930.87729	55958.26172	505071.4	5410071.2
L5070.0	505071.4	5410071.2	21410.69922	367.16	0	48.843592	-86.930881	56076.31	56220.4	29.55	56105.86	56123.72656	55939.66810	55967.02344	505071.4	5410071.2
L5070.0	505071.3	5410070.8	21410.80078	365.49	0	48.843588	-86.930881	56076.08	56220.4	29.55	56105.63	56123.55078	55952.36787	55979.69141	505071.3	5410070.8
L5070.0	505071.3	5410070.4	21410.90039	364.07	0	48.843585	-86.930881	56075.24	56220.4	29.55	56104.79	56122.76172	55949.70591	55976.99609	505071.3	5410070.4
L5070.0	505071.3	5410070.4	21411.00000	365.46	0	48.843585	-86.930881	56074.61	56220.4	29.55	56104.16	56122.18359	55951.96033	55979.21484	505071.3	5410070.4
L5070.0	505071.3	5410070.1	21411.09961	368.84	0	48.843582	-86.930881	56073.61	56220.4	29.55	56103.16	56121.23828	55944.80537	55972.02734	505071.3	5410070.1
L5070.0	505071.3	5410070.1	21411.19922	372.12	0	48.843582	-86.930881	56073.14	56220.4	29.55	56102.69	56120.82031	55950.49795	55977.68750	505071.3	5410070.1
L5070.0	505071.3	5410069.7	21411.30078	375.64	0	48.843579	-86.930881	56072.31	56220.4	29.55	56101.87	56120.05078	55947.29844	55974.45313	505071.3	5410069.7
L5070.0	505071.3	5410069.5	21411.40039	370.93	0	48.843577	-86.930881	56072.16	56220.4	29.55	56101.71	56119.94531	55960.18400	55987.30078	505071.3	5410069.5
L5070.0	505071.3	5410069.5	21411.50000	371.48	0	48.843577	-86.930881	56071.38	56220.4	29.56	56100.93	56119.21484	55957.52933	55984.61328	505071.3	5410069.5
L5070.0	505071.4	5410069.1	21411.59961	370.68	0	48.843574	-86.930881	56070.79	56220.4	29.56	56100.35	56118.68750	55959.61655	55986.66797	505071.4	5410069.1
L5070.0	505071.4	5410068.9	21411.69922	366.83	0	48.843572	-86.930881	56070.26	56220.4	29.56	56099.82	56118.21094	55962.75243	55989.76953	505071.4	5410068.9
L5070.0	505071.4	5410068.6	21411.69922	366.83	0	48.843569	-86.930881	56069.53	56220.4	29.56	56099.08	56117.52344	55960.52537	55987.51172	505071.4	5410068.6
L5070.0	505071.4	5410068.6	21411.90039	364.15	0	48.843569	-86.930881	56069.22	56220.4	29.56	56098.78	56117.27344	55969.01736	55995.96875	505071.4	5410068.6
L5070.0	505071.4	5410068.5	21412.00000	364.49	0	48.843567	-86.930880	56068.84	56220.4	29.56	56098.40	56116.94531	55975.39139	56002.31641	505071.4	5410068.5
L5070.0	505071.4	5410068.3	21412.09961	366.20	0	48.843566	-86.930880	56068.64	56220.4	29.56	56098.20	56116.79688	55986.09070	56012.98828	505071.4	5410068.3
L5070.0	505071.4	5410068.1	21412.19922	367.33	0	48.843564	-86.930880	56067.81	56220.4	29.56	56097.38	56116.03125	55981.35844	56008.23047	505071.4	5410068.1
L5070.0	505071.4	5410068.1	21412.30078	369.92	0	48.843564	-86.930880	56067.55	56220.4	29.56	56097.11	56115.81250	55990.13182	56016.97656	505071.4	5410068.1
L5070.0	505071.4	5410067.9	21412.40039	368.58	0	48.843562	-86.930880	56067.58	56220.4	29.56	56097.14	56115.89453	56006.24962	56033.07422	505071.4	5410067.9
L5070.0	505071.4	5410067.7	21412.50000	370.26	0	48.843561	-86.930880	56067.13	56220.4	29.57	56096.69	56115.49609	56010.45075	56037.25391	505071.4	5410067.7
L5070.0	505071.4	5410067.7	21412.59961	369.41	0	48.843561	-86.930880	56066.67	56220.4	29.57	56096.23	56115.08594	56014.37148	56041.16016	505071.4	5410067.7
L5070.0	505071.4	5410067.6	21412.69922	371.77	0	48.843559	-86.930880	56066.14	56220.4	29.57	56095.71	56114.61719	56016.79537	56043.57031	505071.4	5410067.6
L5070.0	505071.4	5410067.5	21412.80078	368.12	0	48.843559	-86.930880	56065.98	56220.4	29.57	56095.54	56114.50000	56027.87639	56054.64063	505071.4	5410067.5
L5070.0	505071.4	5410067.3	21412.90039	368.65	0	48.843557	-86.930881	56065.56	56220.4	29.57	56095.12	56114.13281	56032.80415	56059.56250	505071.4	5410067.3
L5070.0	505071.4	5410067.3	21413.00000	366.05	0	48.843557	-86.930881	56065.20	56220.4	29.57	56094.77	56113.83203	56039.50871	56066.26563	505071.4	5410067.3
L5070.0	505071.4	5410067.2	21413.09961	367.75	0	48.843556	-86.930881	56064.84	56220.4	29.57	56094.42	56113.53516	56046.28055	56073.03906	505071.4	5410067.2
L5070.0	505071.3	5410067.1	21413.19922	367.63	0	48.843556	-86.930881	56064.67	56220.4	29.58	56094.24	56113.40625	56057.34264	56084.10938	505071.3	5410067.1
L5070.0	505071.3	5410067.1	21413.30078	369.32	0	48.843556	-86.930881	56065.23	56220.4	29.58	56094.81	56114.02734	56087.05237	56113.82813	505071.3	5410067.1
L5070.0	505071.3	5410067.0	21413.40039	372.54	0	48.843554	-86.930881	56064.89	56220.4	29.58	56094.48	56113.75000	56094.64716	56121.43750	505071.3	5410067.0
L5070.0	505071.3	5410066.8	21413.50000	371.29	0	48.843553	-86.930881	56064.06	56220.4	29.58	56093.64	56112.96094	56089.78841	56116.59766	505071.3	5410066.8
L5070.0	505071.3	5410066.8	21413.59961	369.31	0	48.843553	-86.930881	56063.31	56220.4	29.59	56092.89	56112.26563	56087.32834	56114.16406	505071.3	5410066.8
L5070.0	505071.3	5410066.7	21413.69922	368.25	0	48.843551	-86.930881	56063.13	56220.4	29.59	56092.72	56112.14453	56099.40032	56126.26563	505071.3	5410066.7
L5070.0	505071.3	5410066.5	21413.69922	368.25	0	48.843549	-86.930881	56063.05	56220.4	29.59	56092.64	56112.11719	56113.91460	56140.81641	505071.3	5410066.5
L5070.0	505071.3	5410066.5	21413.90039	367.95	0	48.843549	-86.930881	56062.95	56220.4	29.60	56092.54	56112.07031	56128.17411	56155.11328	505071.3	5410066.5
L5070.0	505071.3	5410066.2	21414.00000	368.06	0	48.843547	-86.930881	56062.29	56220.4	29.60	56091.89	56111.47266	56129.10045	56156.08984	505071.3	5410066.2
L5070.0	505071.3	5410066.2	21414.09961	367.57	0	48.843547	-86.930881	56061.54	56220.4	29.60	56091.14	56110.77344	56127.83834	56154.87891	505071.3	5410066.2
L5070.0	505071.3	5410065.9	21414.19922	365.21	0	48.843544	-86.930881	56060.65	56220.4	29.60	56090.24	56109.92578	56123.17368	56150.27734	505071.3	5410065.9
L5070.0	505071.3	5410065.5	21414.30078	364.45	0	48.843541	-86.930881	56059.98	56220.4	29.59	56089.57	56109.30859	56124.52082	56151.68750	505071.3	5410065.5
L5070.0	505071.3	5410065.3	21414.40039	364.56	0	48.843539	-86.930881	56059.31	56220.4	29.59	56088.90	56108.69141	56126.21626	56153.45313	505071.3	5410065.3
L5070.0	505071.3	5410065.0	21414.50000	367.79	0	48.843536	-86.930881	56058.90	56220.4	29.59	56088.49	56108.33594	56134.70795	56162.02344	505071.3	5410065.0
L5070.0	505071.3	5410065.0	21414.59961	365.30	0	48.843536	-86.930881	56058.40	56220.4	29.59	56087.99	56107.88672	56141.36591	56168.76953	505071.3	5410065.0
L5070.0	505071.3	5410064.5	21414.69922	366.89	0	48.843532	-86.930881	56057.46	56220.4	29.59	56087.04	56106.99219	56137.31278	56164.80859	505071.3	5410064.5
L5070.0	505071.3	5410064.2	21414.80078	367.50	0	48.843529	-86.930881	56056.37	56220.4	29.58	56085.96	56105.96484	56130.47885	56158.07031	505071.3	5410064.2
L5070.0	505071.3	5410063.8	21414.90039	368.94	0	48.843526	-86.930881	56055.89	56220.4	29.58	56085.47	56105.52734	56138.68114	56166.37891	505071.3	5410063.8
L5070.0	505071.3	5410063.8	21415.00000	368.27	0	48.843526	-86.930881	56055.29	56220.4	29.58	56084.87	56104.98047	56144.63742	56172.44531	505071.3	5410063.8
L5070.0	505071.3	5410063.4	21415.09961	368.44	0	48.843522	-86.930881	56054.40	56220.4	29.58	56083.98	56104.14453	56143.91822	56171.84766	505071.3	5410063.4
L5070.0	505071.3	5410063.4	21415.19922	367.06	0	48.843522	-86.930881	56053.59	56220.4	29.59	56083.17	56103.38672	56145.68833	56173.74609	505071.3	5410063.4
L5070.0	505071.3	5410062.9	21415.30078	365.45	0	48.843517	-86.930882	56052.33	56220.4	29.59	56081.92	56102.19141	56137.11351	56165.30469	505071.3	5410062.9
L5070.0	505071.3	5410062.5	21415.40039	369.74	0	48.843514	-86.930882	56051.44	56220.4	29.59	56081.03	56101.35547	56137.98620	56166.31641	505071.3	5410062.5
L5070.0	505071.3	5410062.5	21415.50000	372.00	0	48.843514	-86.930882	56050.68	56220.4	29.60	56080.28	56100.66016	56142.88648	56171.36719	505071.3	5410062.5
L5070.0	505071.3	5410062.1	21415.59961	373.42	0	48.843511	-86.930882	56049.88	56220.4	29.60	56079.47	56099.90625	56146.88826	56175.52344	505071.3	5410062.1
L5070.0	505071.3	5410061.8	21415.69922	374.20	0	48.843508	-86.930882	56048.61	56220.4	29.60	56078.21	56098.69922	56140.36855	56169.16797	505071.3	5410061.8
L5070.0	505071.3	5410061.4	21415.69922	374.20	0	48.843504	-86.930882	56047.24	56220.4	29.60	56076.84	56097.38281	56131.74763	56160.71875	505071.3	5410061.4
L5070.0	505071.3	5410061.4	21415.90039	371.03	0	48.843504	-86.930882	56046.13	56220.4	29.61	56075.74	56096.33984	56130.43385	56159.57813	505071.3	5410061.4
L5070.0	505071.3	5410060.4	21416.00000	372.37	0	48.843495	-86.930882	56045.24	56220.4	29.61	56074.85	56095.50391	56134.95923	56164.28906	505071.3	5410060.4
L5070.0	505071.3	5410060.4	21416.09961	374.15	0	48.843495	-86.930882	56044.48	56220.4	29.61	56074.10	56094.80859	56143.60794	56173.13281	505071.3	5410060.4
L5070.0	505071.3	5410059.7	21416.19922	368.11	0	48.843488	-86.930882	56043.34	56220.4	29.61	56072.96	56093.72266	56143.29342	56173.01563	505071.3	5410059.7
L5070.0	505071.3	5410059.7	21416.30078	366.39	0	48.843488	-86.930882	56042.04	56220.4	29.62	56071.65	56092.46875	56139.46654	56169.39453	505071.3	5410059.7
L5070.0	505071.3	5410059.2	21416.40039	371.13	0	48.843484	-86.930882	56040.76	56220.4	29.62	56070.38	56091.25391	56137.33027	56167.46875	505071.3	5410059.2
L5070.0	505071.3	5410058.7	21416.50000	368.57	0	48.843480	-86.930882	56039.63	56220.4	29.62	56069.25	56090.17969	56139.36791	56169.72656	505071.3	5410058.7
L5070.0	505071.3	5410058.1	21416.59961	365.50	0	48.843475	-86.930882	56038.23	56220.4	29.62	56067.86	56088.84375	56135.70319	56166.28906	505071.3	5410058.1
L5070.0	505071.3	5410058.1	21416.69922	365.10	0	48.843475	-86.930882	56036.62	56220.4	29.62	56066.24	56087.28125	56127.08759	56157.91016	505071.3	5410058.1
L5070.0	505071.3	5410057.4	21416.80078	366.69	0	48.843468	-86.930882	56035.20	56220.4	29.63	56064.83	56085.92578	56124.40597	56155.46484	505071.3	5410057.4
L5070.0	505071.3	5410057.4	21416.90039	371.44	0	48.843468	-86.930882	56033.81	56220.4	29.63	56063.44	56084.59375	56122.97030	56154.27734	505071.3	5410057.4
L5070.0	505071.3	5410057.0	21417.00000	369.63	0	48.843464	-86.930882	56032.42	56220.4	29.63	56062.05	56083.25781	56122.29366	56153.85156	505071.3	5410057.0
L5070.0	505071.3	5410056.2	21417.09961	370.65	0	48.843457	-86.930882	56030.72	56220.4	29.63	56060.35	56081.61328	56114.72018	56146.53906	505071.3	5410056.2
L5070.0	505071.3	5410055.7	21417.19922	367.40	0	48.843453	-86.930882	56029.11	56220.4	29.63	56058.74	56080.06250	56110.14255	56142.22656	505071.3	5410055.7
L5070.0	505071.3	5410055.1	21417.30078	369.28	0	48.843447	-86.930882	56027.18	56220.4	29.63	56056.81	56078.18750	56098.43134	56130.78516	505071.3	5410055.1
L5070.0	505071.3	5410055.1	21417.40039	368.70	0	48.843447	-86.930882	56025.69	56220.4	29.63	56055.32	56076.75391	56098.37573	56131.00391	505071.3	5410055.1
L5070.0	505071.3	5410054.3	21417.50000	371.00	0	48.843440	-86.930882	56024.18	56220.4	29.63	56053.81	56075.30078	56098.60856	56131.51953	505071.3	5410054.3
L5070.0	505071.3	5410054.3	21417.59961	372.61	0	48.843440	-86.930882	56022.66	56220.4	29.63	56052.29	56073.83594	56099.37895	56132.57813	505071.3	5410054.3
L5070.0	505071.3	5410053.4	21417.69922	368.92	0	48.843432	-86.930882	56021.09	56220.4	29.63	56050.72	56072.32422	56099.69921	56133.19141	505071.3	5410053.4
L5070.0	505071.3	5410052.7	21417.69922	368.92	0	48.843425	-86.930882	56019.54	56220.4	29.63	56049.17	56070.82813	56101.29959	56135.08594	505071.3	5410052.7
L5070.0	505071.3	5410052.7	21417.90039	368.23	0	48.843425	-86.930882	56017.85	56220.4	29.63	56047.48	56069.19531	56100.22435	56134.31250	505071.3	5410052.7
L5070.0	505071.3	5410052.0	21418.00000	368.53	0	48.843419	-86.930881	56015.57	56220.4	29.63	56045.20	56066.97266	56085.34866	56119.74219	505071.3	5410052.0
L5070.0	505071.3	5410051.2	21418.09961	367.61	0	48.843412	-86.930881	56013.57	56220.4	29.63	56043.20	56065.03125	56078.17386	56112.87891	505071.3	5410051.2
L5070.0	505071.3	5410051.2	21418.19922	368.83	0	48.843412	-86.930881	56011.75	56220.4	29.63	56041.38	56063.26563	56076.22427	56111.24219	505071.3	5410051.2
L5070.0	505071.4	5410050.5	21418.30078	371.65	0	48.843406	-86.930881	56010.11	56220.4	29.63	56039.74	56061.68359	56079.49500	56114.83203	505071.4	5410050.5
L5070.0	505071.4	5410049.7	21418.40039	369.80	0	48.843399	-86.930881	56008.14	56220.4	29.63	56037.76	56059.75781	56075.12697	56110.78125	505071.4	5410049.7
L5070.0	505071.4	5410049.2	21418.50000	369.70	0	48.843394	-86.930881	56005.91	56220.4	29.63	56035.54	56057.59766	56065.58504	56101.56250	505071.4	5410049.2
L5070.0	505071.4	5410049.2	21418.59961	369.93	0	48.843394	-86.930881	56003.96	56220.4	29.62	56033.58	56055.69141	56063.22003	56099.52734	505071.4	5410049.2
L5070.0	505071.3	5410048.4	21418.69922	371.05	0	48.843387	-86.930881	56001.99	56220.4	29.62	56031.61	56053.77734	56061.34928	56097.98438	505071.3	5410048.4
L5070.0	505071.3	5410047.7	21418.80078	371.93	0	48.843381	-86.930881	56000.07	56220.4	29.62	56029.69	56051.91406	56061.44591	56098.41406	505071.3	5410047.7
L5070.0	505071.3	5410046.8	21418.90039	372.90	0	48.843373	-86.930882	55997.86	56220.4	29.62	56027.48	56049.76172	56055.09501	56092.39453	505071.3	5410046.8
L5070.0	505071.3	5410046.8	21419.00000	376.56	0	48.843373	-86.930882	55995.44	56220.4	29.62	56025.06	56047.39844	56044.26207	56081.89453	505071.3	5410046.8

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5070.0	505071.3	5410046.0	21419.09961	376.79	0	48.843366	-86.930882	55993.01	56220.4	29.63	56022.64	56045.03516	56034.12484	56072.09766	505071.3	5410046.0
L5070.0	505071.3	5410045.3	21419.19922	371.69	0	48.843359	-86.930882	55990.68	56220.4	29.63	56020.31	56042.75781	56026.89402	56065.20313	505071.3	5410045.3
L5070.0	505071.3	5410044.2	21419.30078	370.32	0	48.843349	-86.930882	55988.64	56220.4	29.64	56018.27	56040.77344	56027.49824	56066.14453	505071.3	5410044.2
L5070.0	505071.3	5410044.2	21419.40039	370.33	0	48.843349	-86.930882	55986.51	56220.4	29.64	56016.15	56038.71094	56026.77617	56065.75781	505071.3	5410044.2
L5070.0	505071.3	5410043.5	21419.50000	370.06	0	48.843343	-86.930882	55984.92	56220.4	29.64	56014.56	56037.17578	56039.78874	56079.10938	505071.3	5410043.5
L5070.0	505071.3	5410043.5	21419.59961	370.50	0	48.843343	-86.930882	55982.36	56220.3	29.65	56012.01	56034.67969	56029.68906	56069.34766	505071.3	5410043.5
L5070.0	505071.3	5410042.5	21419.69922	370.15	0	48.843334	-86.930882	55979.96	56220.3	29.65	56009.61	56032.33594	56023.89495	56063.89453	505071.3	5410042.5
L5070.0	505071.3	5410041.7	21419.69922	370.15	0	48.843326	-86.930883	55977.61	56220.3	29.65	56007.26	56030.03906	56019.91509	56060.25000	505071.3	5410041.7
L5070.0	505071.2	5410040.6	21419.90039	368.33	0	48.843317	-86.930883	55975.05	56220.3	29.67	56004.71	56027.54297	56011.54961	56052.21875	505071.2	5410040.6
L5070.0	505071.2	5410039.6	21420.00000	368.53	0	48.843308	-86.930883	55972.09	56220.3	29.67	56001.76	56024.64844	55993.83364	56034.83594	505071.2	5410039.6
L5070.0	505071.2	5410039.6	21420.09961	371.76	0	48.843308	-86.930883	55969.69	56220.3	29.67	55999.36	56022.30078	55990.22663	56031.55859	505071.2	5410039.6
L5070.0	505071.2	5410038.6	21420.19922	371.19	0	48.843299	-86.930883	55967.28	56220.3	29.67	55996.95	56019.94531	55986.86367	56028.52734	505071.2	5410038.6
L5070.0	505071.2	5410037.5	21420.30078	371.81	0	48.843289	-86.930883	55965.14	56220.3	29.67	55994.80	56017.84766	55990.39459	56032.38281	505071.2	5410037.5
L5070.0	505071.2	5410037.5	21420.40039	371.81	0	48.843289	-86.930883	55962.45	56220.3	29.67	55992.12	56015.21875	55981.26781	56023.57813	505071.2	5410037.5
L5070.0	505071.2	5410036.5	21420.50000	372.70	0	48.843280	-86.930883	55959.77	56220.3	29.67	55989.44	56012.58984	55972.55813	56015.19141	505071.2	5410036.5
L5070.0	505071.2	5410035.6	21420.59961	371.00	0	48.843272	-86.930884	55957.54	56220.3	29.66	55987.21	56010.41016	55975.36215	56018.31250	505071.2	5410035.6
L5070.0	505071.2	5410035.6	21420.69922	368.29	0	48.843272	-86.930884	55954.74	56220.3	29.66	55984.40	56007.65234	55964.19379	56007.45703	505071.2	5410035.6
L5070.0	505071.2	5410034.5	21420.80078	368.32	0	48.843262	-86.930884	55951.81	56220.3	29.66	55981.47	56004.77344	55950.39538	55993.96875	505071.2	5410034.5
L5070.0	505071.2	5410033.5	21420.90039	368.88	0	48.843253	-86.930884	55949.10	56220.3	29.66	55978.76	56002.11328	55942.34243	55986.21875	505071.2	5410033.5
L5070.0	505071.2	5410033.5	21421.00000	369.20	0	48.843253	-86.930884	55946.06	56220.3	29.66	55975.72	55999.12109	55926.41120	55970.58594	505071.2	5410033.5
L5070.0	505071.2	5410032.2	21421.09961	372.59	0	48.843242	-86.930884	55943.18	56220.3	29.66	55972.84	55996.29297	55914.68352	55959.15234	505071.2	5410032.2
L5070.0	505071.2	5410031.4	21421.19922	371.38	0	48.843234	-86.930884	55940.55	56220.3	29.66	55970.21	55993.71094	55909.35359	55954.10938	505071.2	5410031.4
L5070.0	505071.2	5410030.6	21421.30078	370.70	0	48.843227	-86.930884	55937.89	56220.3	29.67	55967.56	55991.10938	55903.71672	55948.75391	505071.2	5410030.6
L5070.0	505071.2	5410029.6	21421.40039	370.33	0	48.843218	-86.930884	55935.39	56220.3	29.67	55965.06	55988.65625	55901.94336	55947.25781	505071.2	5410029.6
L5070.0	505071.2	5410029.6	21421.50000	368.89	0	48.843218	-86.930884	55932.66	56220.3	29.67	55962.33	55985.97266	55894.60878	55940.19141	505071.2	5410029.6
L5070.0	505071.2	5410028.6	21421.59961	369.50	0	48.843209	-86.930884	55929.57	56220.3	29.67	55959.24	55982.92969	55878.46714	55924.31250	505071.2	5410028.6
L5070.0	505071.2	5410027.4	21421.69922	367.44	0	48.843198	-86.930884	55926.76	56220.3	29.67	55956.44	55980.17188	55869.55180	55915.65234	505071.2	5410027.4
L5070.0	505071.2	5410027.4	21421.69922	367.44	0	48.843198	-86.930884	55923.86	56220.3	29.67	55953.53	55977.30859	55857.94226	55904.29297	505071.2	5410027.4
L5070.0	505071.2	5410026.4	21421.90039	372.50	0	48.843189	-86.930884	55920.92	56220.3	29.68	55950.60	55974.42188	55845.82921	55892.41797	505071.2	5410026.4
L5070.0	505071.2	5410025.4	21422.00000	373.73	0	48.843180	-86.930884	55918.04	56220.3	29.68	55947.72	55971.58203	55834.90861	55881.72656	505071.2	5410025.4
L5070.0	505071.2	5410024.4	21422.09961	373.54	0	48.843171	-86.930884	55915.38	56220.3	29.68	55945.06	55968.96484	55829.34782	55876.39063	505071.2	5410024.4
L5070.0	505071.2	5410024.4	21422.19922	370.93	0	48.843171	-86.930884	55912.34	56220.3	29.68	55942.02	55965.96875	55814.28138	55861.54297	505071.2	5410024.4
L5070.0	505071.2	5410023.2	21422.30078	372.20	0	48.843161	-86.930884	55909.66	56220.3	29.67	55939.34	55963.32813	55807.96506	55855.43359	505071.2	5410023.2
L5070.0	505071.2	5410022.2	21422.40039	374.26	0	48.843151	-86.930884	55906.73	56220.3	29.67	55936.40	55960.42969	55795.03851	55842.70313	505071.2	5410022.2
L5070.0	505071.2	5410021.0	21422.50000	373.22	0	48.843140	-86.930884	55904.25	56220.3	29.67	55933.92	55957.98828	55793.26269	55841.11328	505071.2	5410021.0
L5070.0	505071.2	5410021.0	21422.59961	372.28	0	48.843140	-86.930884	55901.46	56220.3	29.67	55931.13	55955.23438	55783.56924	55831.59766	505071.2	5410021.0
L5070.0	505071.2	5410019.9	21422.69922	370.13	0	48.843131	-86.930883	55898.58	56220.3	29.67	55928.25	55952.39063	55771.36000	55819.55859	505071.2	5410019.9
L5070.0	505071.2	5410018.6	21422.80078	372.37	0	48.843119	-86.930883	55895.88	56220.3	29.66	55925.54	55949.71875	55763.02543	55811.38281	505071.2	5410018.6
L5070.0	505071.2	5410018.6	21422.90039	371.26	0	48.843119	-86.930883	55893.32	56220.3	29.66	55922.99	55947.20313	55758.28215	55806.78906	505071.2	5410018.6
L5070.0	505071.2	5410017.6	21423.00000	369.63	0	48.843110	-86.930883	55890.59	56220.3	29.66	55920.25	55944.49609	55748.44278	55797.08594	505071.2	5410017.6
L5070.0	505071.2	5410016.7	21423.09961	371.08	0	48.843102	-86.930883	55888.01	56220.3	29.66	55917.67	55941.94922	55742.12222	55790.89453	505071.2	5410016.7
L5070.0	505071.2	5410016.7	21423.19922	372.47	0	48.843102	-86.930883	55884.88	56220.3	29.66	55914.54	55938.85156	55721.73480	55770.62500	505071.2	5410016.7
L5070.0	505071.3	5410015.5	21423.30078	371.85	0	48.843091	-86.930883	55882.34	56220.3	29.66	55912.01	55936.35547	55715.66954	55764.66406	505071.3	5410015.5
L5070.0	505071.3	5410014.2	21423.40039	372.25	0	48.843080	-86.930883	55879.62	56220.3	29.66	55909.28	55933.65234	55704.11633	55753.20313	505071.3	5410014.2
L5070.0	505071.3	5410013.1	21423.50000	371.70	0	48.843069	-86.930883	55876.83	56220.3	29.67	55906.50	55930.90234	55690.74688	55739.91797	505071.3	5410013.1
L5070.0	505071.3	5410012.0	21423.59961	372.04	0	48.843059	-86.930882	55874.25	56220.3	29.67	55903.92	55928.35156	55681.70482	55730.94922	505071.3	5410012.0
L5070.0	505071.3	5410010.8	21423.69922	369.86	0	48.843048	-86.930882	55871.44	56220.3	29.67	55901.11	55925.56641	55666.32603	55715.62891	505071.3	5410010.8
L5070.0	505071.3	5410010.8	21423.69922	369.86	0	48.843048	-86.930882	55868.86	56220.3	29.67	55898.53	55923.01172	55655.94525	55705.29688	505071.3	5410010.8
L5070.0	505071.3	5410009.3	21423.90039	368.62	0	48.843036	-86.930882	55866.23	56220.3	29.67	55895.90	55920.40625	55643.60651	55692.99609	505071.3	5410009.3
L5070.0	505071.3	5410008.3	21424.00000	370.49	0	48.843026	-86.930882	55863.73	56220.3	29.67	55893.40	55917.92969	55633.72421	55683.13672	505071.3	5410008.3
L5070.0	505071.3	5410008.3	21424.09961	374.25	0	48.843026	-86.930882	55861.23	56220.3	29.67	55890.90	55915.45313	55623.05064	55672.47656	505071.3	5410008.3
L5070.0	505071.4	5410007.4	21424.19922	371.68	0	48.843018	-86.930882	55858.92	56220.3	29.67	55888.59	55913.16406	55616.24808	55665.67969	505071.4	5410007.4
L5070.0	505071.4	5410006.1	21424.30078	370.69	0	48.843007	-86.930881	55856.62	56220.3	29.68	55886.30	55910.89063	55609.08088	55658.50000	505071.4	5410006.1
L5070.0	505071.4	5410005.2	21424.40039	370.24	0	48.842998	-86.930881	55854.32	56220.3	29.68	55884.00	55908.60938	55600.77431	55650.17188	505071.4	5410005.2
L5070.0	505071.4	5410003.9	21424.50000	370.94	0	48.842987	-86.930881	55852.15	56220.3	29.68	55881.83	55906.45703	55594.75605	55644.11719	505071.4	5410003.9
L5070.0	505071.4	5410003.1	21424.59961	372.09	0	48.842980	-86.930881	55849.69	56220.3	29.68	55879.37	55904.01172	55580.61248	55629.92578	505071.4	5410003.1
L5070.0	505071.4	5410003.1	21424.69922	372.13	0	48.842980	-86.930881	55847.44	56220.3	29.68	55877.12	55901.77734	55570.67063	55619.92578	505071.4	5410003.1
L5070.0	505071.5	5410001.7	21424.80078	369.17	0	48.842967	-86.930880	55845.08	56220.3	29.69	55874.76	55899.42969	55556.98973	55606.17578	505071.5	5410001.7
L5070.0	505071.5	5410000.6	21424.90039	370.05	0	48.842957	-86.930880	55843.14	56220.3	29.69	55872.83	55897.51172	55552.88664	55601.98828	505071.5	5410000.6
L5070.0	505071.5	5410000.6	21425.00000	370.27	0	48.842957	-86.930880	55840.94	56220.3	29.69	55870.63	55895.32031	55541.02912	55590.03516	505071.5	5410000.6
L5070.0	505071.5	5409999.4	21425.09961	366.75	0	48.842946	-86.930880	55838.73	56220.3	29.69	55868.42	55893.12109	55527.81441	55576.71484	505071.5	5409999.4
L5070.0	505071.5	5409998.1	21425.19922	367.20	0	48.842935	-86.930879	55836.71	56220.3	29.69	55866.40	55891.10938	55518.15735	55566.94141	505071.5	5409998.1
L5070.0	505071.5	5409998.1	21425.30078	368.65	0	48.842935	-86.930879	55834.74	56220.3	29.69	55864.43	55889.14453	55508.56955	55557.22266	505071.5	5409998.1
L5070.0	505071.5	5409996.9	21425.40039	366.48	0	48.842924	-86.930879	55832.74	56220.3	29.69	55862.42	55887.13672	55496.79919	55545.31250	505071.5	5409996.9
L5070.0	505071.6	5409995.8	21425.50000	366.02	0	48.842914	-86.930879	55830.79	56220.3	29.68	55860.48	55885.20313	55485.53874	55533.89844	505071.6	5409995.8
L5070.0	505071.6	5409995.8	21425.59961	367.47	0	48.842914	-86.930879	55829.13	56220.3	29.68	55858.81	55883.53516	55479.70600	55527.89844	505071.6	5409995.8
L5070.0	505071.6	5409994.6	21425.69922	366.73	0	48.842903	-86.930879	55827.64	56220.3	29.68	55857.32	55882.04297	55477.05150	55525.07031	505071.6	5409994.6
L5070.0	505071.6	5409993.4	21425.69922	366.73	0	48.842892	-86.930879	55825.96	56220.3	29.68	55855.64	55880.36328	55468.40568	55516.23828	505071.6	5409993.4
L5070.0	505071.6	5409992.5	21425.90039	363.39	0	48.842884	-86.930878	55824.36	56220.3	29.68	55854.04	55878.76172	55460.41906	55508.05469	505071.6	5409992.5
L5070.0	505071.6	5409990.9	21426.00000	364.43	0	48.842870	-86.930878	55822.65	56220.3	29.68	55852.33	55877.04688	55448.37294	55495.80078	505071.6	5409990.9
L5070.0	505071.6	5409990.9	21426.09961	368.98	0	48.842870	-86.930878	55821.26	56220.3	29.68	55850.94	55875.65234	55442.87441	55490.08203	505071.6	5409990.9
L5070.0	505071.7	5409989.6	21426.19922	367.35	0	48.842858	-86.930878	55819.66	56220.3	29.68	55849.34	55874.04688	55430.80262	55477.78125	505071.7	5409989.6
L5070.0	505071.7	5409988.3	21426.30078	365.00	0	48.842846	-86.930878	55818.22	56220.3	29.68	55847.90	55872.59766	55421.28342	55468.02344	505071.7	5409988.3
L5070.0	505071.7	5409988.3	21426.40039	365.90	0	48.842846	-86.930878	55817.18	56220.3	29.68	55846.86	55871.54688	55420.23034	55466.72266	505071.7	5409988.3
L5070.0	505071.7	5409986.7	21426.50000	364.68	0	48.842832	-86.930877	55816.70	56220.3	29.68	55846.38	55871.05469	55431.58048	55477.81250	505071.7	5409986.7
L5070.0	505071.7	5409986.7	21426.59961	365.29	0	48.842832	-86.930877	55815.80	56220.3	29.68	55845.48	55870.14453	55431.09390	55477.05859	505071.7	5409986.7
L5070.0	505071.7	5409985.3	21426.69922	366.35	0	48.842820	-86.930877	55814.96	56220.3	29.68	55844.64	55869.28906	55430.61928	55476.30859	505071.7	5409985.3
L5070.0	505071.8	5409984.1	21426.80078	366.57	0	48.842809	-86.930877	55813.67	56220.3	29.68	55843.35	55867.98438	55417.53591	55462.93750	505071.8	5409984.1
L5070.0	505071.8	5409983.0	21426.90039	366.27	0	48.842799	-86.930876	55812.56	56220.3	29.68	55842.24	55866.85547	55407.40214	55452.50781	505071.8	5409983.0
L5070.0	505071.8	5409981.6	21427.00000	365.73	0	48.842786	-86.930876	55811.72	56220.3	29.68	55841.40	55865.99609	55402.42986	55447.23438	505071.8	5409981.6
L5070.0	505071.8	5409981.6	21427.09961	363.36	0	48.842786	-86.930876	55811.37	56220.3	29.68	55841.05	55865.62891	55408.04527	55452.53906	505071.8	5409981.6
L5070.0	505071.8	5409980.1	21427.19922	368.44	0	48.842772	-86.930875	55810.58	56220.3	29.68	55840.26	55864.81641	55401.25046	55445.42578	505071.8	5409980.1
L5070.0	505071.9	5409978.9	21427.30078	372.58	0	48.842762	-86.930875	55809.95	56220.3	29.68	55839.64	55864.17578	55397.11360	55440.96094	505071.9	5409978.9
L5070.0	505071.9	5409978.9	21427.40039	369.17	0	48.842762	-86.930875	55809.49	56220.3	29.68	55839.18	55863.69141	55395.37905	55438.89453	505071.9	5409978.9
L5070.0	505071.9	5409977.4	21427.50000	368.28	0	48.842749	-86.930875	55808.84	56220.3	29.68	55838.52	55863.00391	55387.14108	55430.31641	505071.9	5409977.4
L5070.0	505071.9	5409977.4	21427.59961	365.76	0	48.842749	-86.930875	55808.89	56220.3	29.69	55838.57	55863.02734	55394.88635	55437.71484	505071.9	5409977.4
L5070.0	505071.9	5409976.3	21427.69922	363.46	0	48.842738	-86.930875	55808.76	56220.3	29.69	55838.45	55862.87891	55396.85818	55439.33203	505071.9	5409976.3
L5070.0	505071.9	5409974.5	21427.69922	363.46	0	48.842722	-86.930875	55808.61	56220.3	29.69	55838.30	55862.69922	55396.51288	55438.62891	505071.9	5409974.5
L5070.0	505071.9	5409974.5	21427.90039	366.05	0	48.842722	-86.930875	55808.69	56220.3	29.69	55838.38	55862.74609	55400.27394	55442.02344	505071.9	5409974.5
L5070.0	505071.9	5409973.2	21428.00000	366.59	0	48.842710	-86.930874	55808.76	56220.3	29.69	55838.45	55862.78516	55402.20719	55443.58594	505071.9	5409973.2
L5070.0	505072.0	5409971.7	21428.09961	368.28	0	48.842697	-86.930874	55808.51	56220.3	29.69	55838.20	55862.50000	55394.64928	55435.65234	505072.0	5409971.7
L5070.0	505072.0	5409971.7	21428.19922	370.44	0	48.842697	-86.930874	55808.79	56220.3	29.69	55838.49	55862.75391	55398.85751	55439.48438	505072.0	5409971.7
L5070.0	505072.0	5409970.5	21428.30078	368.21	0	48.842686	-86.930874	55809.16	56220.3	29.69	55838.86	55863.08594	55403.46309	55443.70703	505072.0	5409970.5

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5070.0	505072.0	5409969.1	21428.40039	368.57	0	48.842674	-86.930873	55809.27	56220.3	29.69	55838.96	55863.14844	55399.81723	55439.67188	505072.0	5409969.1
L5070.0	505072.0	5409968.0	21428.50000	370.09	0	48.842664	-86.930873	55809.88	56220.3	29.69	55839.57	55863.71875	55407.20306	55446.66797	505072.0	5409968.0
L5070.0	505072.0	5409968.0	21428.59961	372.58	0	48.842664	-86.930873	55810.45	56220.3	29.70	55840.15	55864.25781	55412.27759	55451.34766	505072.0	5409968.0
L5070.0	505072.0	5409966.5	21428.69922	374.47	0	48.842650	-86.930873	55810.98	56220.3	29.70	55840.68	55864.74609	55414.55204	55453.22266	505072.0	5409966.5
L5070.0	505072.0	5409965.1	21428.80078	375.68	0	48.842637	-86.930873	55811.27	56220.3	29.70	55840.96	55864.98438	55409.08952	55447.35938	505072.0	5409965.1
L5070.0	505072.1	5409963.8	21428.90039	373.87	0	48.842626	-86.930873	55812.28	56220.3	29.70	55841.98	55865.95703	55420.36806	55458.23828	505072.1	5409963.8
L5070.0	505072.1	5409963.8	21429.00000	370.36	0	48.842626	-86.930873	55812.84	56220.3	29.70	55842.54	55866.47266	55418.73528	55456.19922	505072.1	5409963.8
L5070.0	505072.1	5409962.1	21429.09961	369.81	0	48.842611	-86.930873	55813.64	56220.3	29.70	55843.34	55867.22656	55421.50320	55458.56250	505072.1	5409962.1
L5070.0	505072.1	5409962.1	21429.19922	367.08	0	48.842611	-86.930873	55814.05	56220.3	29.70	55843.75	55867.58594	55413.11048	55449.76172	505072.1	5409962.1
L5070.0	505072.1	5409960.2	21429.30078	367.15	0	48.842594	-86.930872	55815.28	56220.3	29.70	55844.98	55868.76563	55423.47707	55459.72266	505072.1	5409960.2
L5070.0	505072.1	5409960.2	21429.40039	365.73	0	48.842594	-86.930872	55816.15	56220.3	29.70	55845.85	55869.58594	55423.44897	55459.28516	505072.1	5409960.2
L5070.0	505072.1	5409958.9	21429.50000	365.23	0	48.842582	-86.930872	55817.23	56220.3	29.70	55846.93	55870.61328	55427.12885	55462.55859	505072.1	5409958.9
L5070.0	505072.1	5409957.8	21429.59961	364.75	0	48.842572	-86.930872	55818.65	56220.3	29.70	55848.35	55871.98047	55437.74461	55472.76172	505072.1	5409957.8
L5070.0	505072.1	5409956.5	21429.69922	364.86	0	48.842560	-86.930872	55820.20	56220.3	29.70	55849.90	55873.47656	55450.12112	55484.73047	505072.1	5409956.5
L5070.0	505072.1	5409954.8	21429.69922	364.86	0	48.842545	-86.930872	55821.64	56220.3	29.70	55851.34	55874.86328	55458.34265	55492.54688	505072.1	5409954.8
L5070.0	505072.1	5409953.6	21429.90039	369.11	0	48.842535	-86.930872	55822.80	56220.3	29.70	55852.50	55875.96484	55458.22458	55492.01953	505072.1	5409953.6
L5070.0	505072.1	5409953.6	21430.00000	365.81	0	48.842535	-86.930872	55824.17	56220.3	29.70	55853.87	55877.27734	55461.89674	55495.28906	505072.1	5409953.6
L5070.0	505072.1	5409952.7	21430.09961	367.08	0	48.842526	-86.930872	55825.42	56220.3	29.70	55855.12	55878.46875	55461.22145	55494.20703	505072.1	5409952.7
L5070.0	505072.1	5409952.7	21430.19922	369.57	0	48.842526	-86.930872	55827.28	56220.3	29.70	55856.97	55880.26172	55474.01528	55506.59766	505072.1	5409952.7
L5070.0	505072.1	5409951.1	21430.30078	370.60	0	48.842512	-86.930872	55828.84	56220.3	29.70	55858.54	55881.76953	55478.54754	55510.73047	505072.1	5409951.1
L5070.0	505072.2	5409949.7	21430.40039	372.98	0	48.842499	-86.930871	55830.92	56220.3	29.70	55860.61	55883.77734	55494.11946	55525.90625	505072.2	5409949.7
L5070.0	505072.2	5409948.4	21430.50000	371.41	0	48.842488	-86.930871	55832.66	56220.3	29.69	55862.36	55885.46875	55500.48494	55531.87500	505072.2	5409948.4
L5070.0	505072.2	5409947.4	21430.59961	367.78	0	48.842478	-86.930871	55834.74	56220.3	29.69	55864.44	55887.48438	55513.73346	55544.73047	505072.2	5409947.4
L5070.0	505072.2	5409947.4	21430.69922	365.35	0	48.842478	-86.930871	55836.28	56220.3	29.69	55865.97	55888.94922	55512.13732	55542.74609	505072.2	5409947.4
L5070.0	505072.2	5409945.9	21430.80078	367.46	0	48.842465	-86.930871	55838.28	56220.3	29.69	55867.97	55890.88672	55520.93290	55551.15625	505072.2	5409945.9
L5070.0	505072.2	5409944.3	21430.90039	370.54	0	48.842450	-86.930870	55840.25	56220.3	29.69	55869.95	55892.80078	55528.03373	55557.87891	505072.2	5409944.3
L5070.0	505072.2	5409944.3	21431.00000	372.21	0	48.842450	-86.930870	55842.31	56220.3	29.69	55872.00	55894.78516	55535.69013	55565.15625	505072.2	5409944.3
L5070.0	505072.3	5409942.9	21431.09961	369.59	0	48.842438	-86.930870	55844.63	56220.3	29.69	55874.32	55897.03516	55548.87202	55577.96484	505072.3	5409942.9
L5070.0	505072.3	5409941.7	21431.19922	366.82	0	48.842427	-86.930870	55847.14	56220.3	29.69	55876.83	55899.48047	55565.62894	55594.35156	505072.3	5409941.7
L5070.0	505072.3	5409941.7	21431.30078	366.75	0	48.842427	-86.930870	55849.56	56220.3	29.69	55879.25	55901.83203	55579.06750	55607.42578	505072.3	5409941.7
L5070.0	505072.3	5409939.7	21431.40039	367.41	0	48.842409	-86.930870	55851.21	56220.3	29.69	55880.90	55903.41016	55572.40784	55600.41016	505072.3	5409939.7
L5070.0	505072.3	5409938.5	21431.50000	366.77	0	48.842399	-86.930870	55853.46	56220.3	29.69	55883.15	55905.58984	55579.54153	55607.18750	505072.3	5409938.5
L5070.0	505072.3	5409938.5	21431.59961	368.90	0	48.842399	-86.930870	55855.66	56220.3	29.70	55885.36	55907.73047	55584.67838	55611.97656	505072.3	5409938.5
L5070.0	505072.3	5409937.0	21431.69922	369.32	0	48.842385	-86.930870	55858.24	56220.3	29.70	55887.93	55910.23047	55597.73486	55624.69141	505072.3	5409937.0
L5070.0	505072.3	5409935.8	21431.69922	369.32	0	48.842374	-86.930870	55861.02	56220.3	29.70	55890.72	55912.94922	55615.28041	55641.89844	505072.3	5409935.8
L5070.0	505072.3	5409934.3	21431.90039	373.51	0	48.842361	-86.930870	55863.61	56220.3	29.70	55893.30	55915.45703	55626.71673	55653.00391	505072.3	5409934.3
L5070.0	505072.3	5409934.3	21432.00000	373.43	0	48.842361	-86.930870	55866.16	56220.3	29.70	55895.86	55917.94531	55636.77078	55662.73438	505072.3	5409934.3
L5070.0	505072.3	5409932.9	21432.09961	371.42	0	48.842348	-86.930869	55868.76	56220.3	29.70	55898.46	55920.46875	55646.95655	55672.60156	505072.3	5409932.9
L5070.0	505072.3	5409931.8	21432.19922	369.88	0	48.842338	-86.930869	55871.54	56220.3	29.70	55901.24	55923.17578	55660.76572	55686.10156	505072.3	5409931.8
L5070.0	505072.3	5409931.8	21432.30078	374.20	0	48.842338	-86.930869	55873.79	56220.3	29.70	55903.49	55925.35156	55660.68033	55685.71094	505072.3	5409931.8
L5070.0	505072.4	5409930.0	21432.40039	373.82	0	48.842322	-86.930869	55876.53	56220.3	29.70	55906.23	55928.01953	55671.94401	55696.67969	505072.4	5409930.0
L5070.0	505072.4	5409928.8	21432.50000	372.95	0	48.842311	-86.930869	55878.78	56220.3	29.70	55908.48	55930.19531	55670.36549	55694.81250	505072.4	5409928.8
L5070.0	505072.4	5409928.8	21432.59961	372.57	0	48.842311	-86.930869	55881.43	56220.3	29.70	55911.13	55932.76953	55677.97549	55702.14063	505072.4	5409928.8
L5070.0	505072.4	5409926.5	21432.69922	373.86	0	48.842290	-86.930868	55884.09	56220.3	29.70	55913.79	55935.35156	55685.16640	55709.05469	505072.4	5409926.5
L5070.0	505072.4	5409926.5	21432.80078	370.50	0	48.842290	-86.930868	55887.08	56220.3	29.70	55916.78	55938.26563	55699.88020	55723.50391	505072.4	5409926.5
L5070.0	505072.4	5409925.1	21432.90039	371.57	0	48.842278	-86.930868	55889.98	56220.3	29.70	55919.68	55941.08984	55711.76795	55735.13281	505072.4	5409925.1
L5070.0	505072.5	5409923.6	21433.00000	371.32	0	48.842264	-86.930868	55893.18	56220.3	29.70	55922.88	55944.21484	55730.50200	55753.61719	505072.5	5409923.6
L5070.0	505072.5	5409922.2	21433.09961	373.46	0	48.842252	-86.930867	55896.08	56220.3	29.70	55925.78	55947.03516	55741.28433	55764.15625	505072.5	5409922.2
L5070.0	505072.5	5409922.2	21433.19922	371.55	0	48.842252	-86.930867	55898.82	56220.3	29.70	55928.52	55949.69922	55747.60790	55770.24609	505072.5	5409922.2
L5070.0	505072.5	5409920.3	21433.30078	371.12	0	48.842235	-86.930867	55901.77	56220.3	29.70	55931.47	55952.57031	55758.65069	55781.06641	505072.5	5409920.3
L5070.0	505072.5	5409920.3	21433.40039	370.76	0	48.842235	-86.930867	55904.58	56220.3	29.70	55934.28	55955.30469	55765.79396	55787.99219	505072.5	5409920.3
L5070.0	505072.5	5409918.9	21433.50000	370.68	0	48.842222	-86.930867	55907.36	56220.3	29.70	55937.06	55958.00391	55771.78897	55793.78125	505072.5	5409918.9
L5070.0	505072.6	5409917.2	21433.59961	371.74	0	48.842207	-86.930866	55910.07	56220.3	29.70	55939.77	55960.63672	55775.67923	55797.47266	505072.6	5409917.2
L5070.0	505072.6	5409915.9	21433.69922	372.19	0	48.842195	-86.930866	55913.28	56220.3	29.70	55942.98	55963.76953	55791.58580	55813.18750	505072.6	5409915.9
L5070.0	505072.6	5409915.9	21433.69922	372.19	0	48.842195	-86.930866	55916.29	56220.3	29.70	55945.99	55966.69922	55802.23828	55823.66016	505072.6	5409915.9
L5070.0	505072.6	5409914.4	21433.90039	366.62	0	48.842182	-86.930866	55919.53	56220.3	29.70	55949.23	55969.85938	55818.29690	55839.54688	505072.6	5409914.4
L5070.0	505072.6	5409914.4	21434.00000	364.91	0	48.842182	-86.930866	55922.34	56220.3	29.70	55952.04	55972.58984	55823.47957	55844.56641	505072.6	5409914.4
L5070.0	505072.6	5409913.3	21434.09961	366.49	0	48.842172	-86.930865	55925.29	56220.3	29.70	55954.99	55975.46094	55831.90649	55852.83984	505072.6	5409913.3
L5070.0	505072.6	5409911.8	21434.19922	365.35	0	48.842159	-86.930865	55928.23	56220.3	29.70	55957.93	55978.32031	55839.90097	55860.68750	505072.6	5409911.8
L5070.0	505072.7	5409910.5	21434.30078	366.10	0	48.842147	-86.930865	55931.04	56220.3	29.71	55960.74	55981.05078	55844.52757	55865.17969	505072.7	5409910.5
L5070.0	505072.7	5409909.1	21434.40039	368.00	0	48.842134	-86.930865	55934.18	56220.3	29.71	55963.88	55984.10938	55857.18668	55877.71484	505072.7	5409909.1
L5070.0	505072.7	5409909.1	21434.50000	368.60	0	48.842134	-86.930865	55937.36	56220.3	29.71	55967.07	55987.21484	55870.98737	55891.39844	505072.7	5409909.1
L5070.0	505072.7	5409907.7	21434.59961	372.37	0	48.842122	-86.930865	55940.63	56220.3	29.71	55970.34	55990.40625	55886.70079	55907.00391	505072.7	5409907.7
L5070.0	505072.7	5409906.4	21434.69922	371.15	0	48.842110	-86.930865	55943.58	56220.3	29.71	55973.30	55993.28125	55894.71631	55914.91797	505072.7	5409906.4
L5070.0	505072.7	5409905.0	21434.80078	369.33	0	48.842097	-86.930864	55946.57	56220.3	29.72	55976.28	55996.17969	55903.21956	55923.33203	505072.7	5409905.0
L5070.0	505072.7	5409903.5	21434.90039	369.49	0	48.842084	-86.930864	55949.38	56220.3	29.72	55979.10	55998.91797	55907.78978	55927.82422	505072.7	5409903.5
L5070.0	505072.7	5409903.5	21435.00000	368.51	0	48.842084	-86.930864	55951.96	56220.3	29.72	55981.68	56001.41406	55906.47750	55926.44141	505072.7	5409903.5
L5070.0	505072.7	5409902.2	21435.09961	367.33	0	48.842071	-86.930864	55954.96	56220.3	29.72	55984.68	56004.33203	55915.62380	55935.52344	505072.7	5409902.2
L5070.0	505072.7	5409902.2	21435.19922	367.94	0	48.842071	-86.930864	55957.92	56220.3	29.71	55987.64	56007.20703	55923.88560	55943.73047	505072.7	5409902.2
L5070.0	505072.7	5409900.6	21435.30078	368.45	0	48.842057	-86.930864	55961.37	56220.3	29.71	55991.08	56010.56250	55944.14253	55963.94531	505072.7	5409900.6
L5070.0	505072.7	5409899.1	21435.40039	370.23	0	48.842044	-86.930864	55964.20	56220.3	29.71	55993.91	56013.30469	55949.47844	55969.24609	505072.7	5409899.1
L5070.0	505072.7	5409898.0	21435.50000	364.03	0	48.842034	-86.930864	55967.31	56220.3	29.71	55997.02	56016.32813	55961.91740	55981.65625	505072.7	5409898.0
L5070.0	505072.7	5409898.0	21435.59961	361.45	0	48.842034	-86.930864	55970.14	56220.3	29.70	55999.85	56019.07422	55967.64249	55987.36328	505072.7	5409898.0
L5070.0	505072.7	5409896.7	21435.69922	361.84	0	48.842022	-86.930864	55972.88	56220.3	29.70	56002.57	56021.70703	55970.88004	55990.58984	505072.7	5409896.7
L5070.0	505072.7	5409895.3	21435.69922	361.84	0	48.842010	-86.930864	55975.48	56220.3	29.70	56005.18	56024.22656	55971.65383	55991.36328	505072.7	5409895.3
L5070.0	505072.7	5409893.4	21435.90039	362.38	0	48.841993	-86.930864	55978.46	56220.3	29.69	56008.15	56027.10938	55981.60428	56001.32031	505072.7	5409893.4
L5070.0	505072.7	5409893.4	21436.00000	363.25	0	48.841993	-86.930864	55981.30	56220.3	29.69	56010.99	56029.85938	55988.64238	56008.37109	505072.7	5409893.4
L5070.0	505072.7	5409892.2	21436.09961	362.62	0	48.841982	-86.930864	55984.18	56220.3	29.70	56013.88	56032.66016	55997.23928	56016.98828	505072.7	5409892.2
L5070.0	505072.7	5409890.6	21436.19922	361.46	0	48.841968	-86.930864	55987.39	56220.3	29.70	56017.10	56035.78516	56014.33724	56034.11719	505072.7	5409890.6
L5070.0	505072.8	5409889.3	21436.30078	365.55	0	48.841956	-86.930864	55990.05	56220.3	29.71	56019.75	56038.34375	56017.71122	56037.52734	505072.8	5409889.3
L5070.0	505072.8	5409889.3	21436.40039	364.57	0	48.841956	-86.930864	55992.78	56220.3	29.71	56022.50	56041.00000	56023.94208	56043.80469	505072.8	5409889.3
L5070.0	505072.8	5409887.6	21436.50000	364.41	0	48.841941	-86.930864	55995.06	56220.3	29.72	56024.78	56043.18750	56018.96026	56038.87500	505072.8	5409887.6
L5070.0	505072.8	5409887.6	21436.59961	367.36	0	48.841941	-86.930864	55998.02	56220.3	29.73	56027.75	56046.05859	56031.45694	56051.42969	505072.8	5409887.6
L5070.0	505072.8	5409884.6	21436.69922	367.30	0	48.841914	-86.930864	56000.42	56220.3	29.73	56030.15	56048.36328	56030.30616	56050.34375	505072.8	5409884.6
L5070.0	505072.8	5409884.6	21436.80078	368.04	0	48.841914	-86.930864	56003.28	56220.3	29.74	56033.01	56051.12500	56040.98449	56061.09375	505072.8	5409884.6
L5070.0	505072.8	5409883.4	21436.90039	366.31	0	48.841903	-86.930864	56005.76	56220.3	29.74	56035.50	56053.51563	56042.99319	56063.17969	505072.8	5409883.4
L5070.0	505072.8	5409883.4	21437.00000	367.49	0	48.841903	-86.930864	56008.62	56220.3	29.75	56038.37	56056.28125	56054.88659	56075.15625	505072.8	5409883.4
L5070.0	505072.9	5409880.3	21437.09961	363.55	0	48.841875	-86.930863	56011.02	56220.3	29.75	56040.77	56058.57813	56055.67026	56076.03125	505072.9	5409880.3
L5070.0	505072.9	5409880.3	21437.19922	361.07	0	48.841875	-86.930863	56013.77	56220.3	29.75	56043.52	56061.22656	56065.62741	56086.08203	505072.9	5409880.3
L5070.0	505072.9	5409878.9	21437.30078	363.42	0	48.841862	-86.930863	56016.13	56220.3	29.74	56045.88	56063.48047	56066.48119	56087.03516	505072.9	5409878.9
L5070.0	505072.9	5409877.6	21437.40039	364.52	0	48.841851	-86.930862	56018.50	56220.3	29.74	56048.25	56065.74219	56068.13210	56088.79297	505072.9	5409877.6
L5070.0	505072.9	5409877.6	21437.50000	366.38	0	48.841851	-86.930862	56021.16	56220.3	29.74	56050.90	56068.28125	56077.26666	56098.03516	505072.9	5409877.6
L5070.0	505072.9	5409875.5	21437.59961	368.65	0	48.841832	-86.930862	56023.59	56220.3	29.74	56053.33	56070.59766	56081.53822	56102.42188	505072.9	5409875.5

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5070.0	505072.9	5409875.5	21437.69922	370.22	0	48.841832	-86.930862	56026.12	56220.3	29.74	56055.86	56073.01563	56088.86782	56109.86719	505072.9	5409875.5
L5070.0	505073.0	5409873.8	21437.69922	370.22	0	48.841817	-86.930861	56028.40	56220.3	29.74	56058.13	56075.16797	56090.36794	56111.49219	505073.0	5409873.8
L5070.0	505073.0	5409872.3	21437.90039	366.05	0	48.841803	-86.930861	56031.13	56220.3	29.73	56060.86	56077.78125	56103.84529	56125.09375	505073.0	5409872.3
L5070.0	505073.0	5409872.3	21438.00000	369.13	0	48.841803	-86.930861	56033.40	56220.3	29.73	56063.13	56079.92969	56106.56918	56127.94531	505073.0	5409872.3
L5070.0	505073.0	5409870.4	21438.09961	373.87	0	48.841785	-86.930861	56035.78	56220.3	29.73	56065.51	56082.18750	56112.63737	56134.14453	505073.0	5409870.4
L5070.0	505073.0	5409869.3	21438.19922	375.93	0	48.841776	-86.930861	56038.09	56220.3	29.73	56067.82	56084.37109	56117.60882	56139.25000	505073.0	5409869.3
L5070.0	505073.0	5409869.3	21438.30078	369.15	0	48.841776	-86.930861	56040.01	56220.3	29.73	56069.74	56086.16406	56113.58137	56135.35547	505073.0	5409869.3
L5070.0	505073.0	5409868.0	21438.40039	368.13	0	48.841764	-86.930861	56042.21	56220.3	29.73	56071.94	56088.23047	56117.12260	56139.03516	505073.0	5409868.0
L5070.0	505073.0	5409866.4	21438.50000	365.97	0	48.841750	-86.930860	56044.48	56220.3	29.73	56074.21	56090.36719	56123.04797	56145.09766	505073.0	5409866.4
L5070.0	505073.0	5409866.4	21438.59961	367.05	0	48.841750	-86.930860	56046.61	56220.3	29.73	56076.34	56092.36328	56126.17234	56148.36328	505073.0	5409866.4
L5070.0	505073.1	5409864.6	21438.69922	366.69	0	48.841734	-86.930860	56048.36	56220.3	29.73	56078.09	56093.97266	56120.56839	56142.89844	505073.1	5409864.6
L5070.0	505073.1	5409863.5	21438.80078	367.14	0	48.841723	-86.930860	56050.27	56220.3	29.73	56080.00	56095.73828	56119.58788	56142.05859	505073.1	5409863.5
L5070.0	505073.1	5409861.9	21438.90039	367.83	0	48.841710	-86.930859	56052.50	56220.3	29.73	56082.23	56097.82422	56127.18927	56149.80078	505073.1	5409861.9
L5070.0	505073.1	5409861.9	21439.00000	372.14	0	48.841710	-86.930859	56054.90	56220.3	29.73	56084.63	56100.07422	56139.66797	56162.41797	505073.1	5409861.9
L5070.0	505073.2	5409859.8	21439.09961	373.12	0	48.841691	-86.930859	56057.00	56220.3	29.73	56086.73	56102.01953	56145.40920	56168.29688	505073.2	5409859.8
L5070.0	505073.2	5409858.4	21439.19922	368.07	0	48.841678	-86.930859	56058.55	56220.3	29.73	56088.28	56103.41406	56138.23543	56161.26172	505073.2	5409858.4
L5070.0	505073.2	5409858.4	21439.30078	367.70	0	48.841678	-86.930859	56060.29	56220.3	29.73	56090.02	56104.99219	56136.43892	56159.60156	505073.2	5409858.4
L5070.0	505073.2	5409857.1	21439.40039	364.43	0	48.841666	-86.930858	56061.93	56220.3	29.73	56091.66	56106.46875	56132.85229	56156.14844	505073.2	5409857.1
L5070.0	505073.2	5409856.0	21439.50000	367.73	0	48.841656	-86.930858	56063.61	56220.3	29.73	56093.34	56107.98047	56130.93613	56154.36328	505073.2	5409856.0
L5070.0	505073.2	5409854.9	21439.59961	366.52	0	48.841646	-86.930858	56065.56	56220.3	29.73	56095.29	56109.75781	56136.37506	56159.93359	505073.2	5409854.9
L5070.0	505073.3	5409853.5	21439.69922	366.55	0	48.841634	-86.930858	56067.73	56220.3	29.73	56097.46	56111.75391	56147.93224	56171.61328	505073.3	5409853.5
L5070.0	505073.3	5409853.5	21439.69922	366.55	0	48.841634	-86.930858	56069.73	56220.3	29.73	56099.46	56113.57422	56155.96635	56179.76953	505073.3	5409853.5
L5070.0	505073.3	5409852.0	21439.80078	367.65	0	48.841620	-86.930857	56071.27	56220.3	29.73	56101.00	56114.92969	56153.30727	56177.22656	505073.3	5409852.0
L5070.0	505073.3	5409850.4	21440.00000	367.22	0	48.841606	-86.930857	56072.98	56220.3	29.73	56102.71	56116.44922	56155.52452	56179.55859	505073.3	5409850.4
L5070.0	505073.3	5409850.4	21440.09961	368.55	0	48.841606	-86.930857	56074.84	56220.3	29.73	56104.57	56118.11719	56162.12073	56186.26172	505073.3	5409850.4
L5070.0	505073.3	5409849.0	21440.19922	366.78	0	48.841593	-86.930857	56076.15	56220.3	29.73	56105.88	56119.22656	56155.79009	56180.03516	505073.3	5409849.0
L5070.0	505073.3	5409847.4	21440.19922	366.78	0	48.841579	-86.930857	56077.62	56220.3	29.73	56107.35	56120.49609	56154.07804	56178.42188	505073.3	5409847.4
L5070.0	505073.3	5409847.4	21440.40039	363.64	0	48.841579	-86.930857	56078.96	56220.3	29.73	56108.70	56121.63672	56150.05920	56174.49219	505073.3	5409847.4
L5070.0	505073.3	5409845.7	21440.50000	364.78	0	48.841563	-86.930857	56080.56	56220.3	29.74	56110.29	56123.01172	56152.62694	56177.14453	505073.3	5409845.7
L5070.0	505073.3	5409844.2	21440.59961	364.39	0	48.841550	-86.930857	56082.27	56220.3	29.74	56112.01	56124.51563	56159.05696	56183.65234	505073.3	5409844.2
L5070.0	505073.3	5409843.0	21440.69922	365.39	0	48.841539	-86.930857	56083.86	56220.3	29.74	56113.60	56125.88281	56162.91687	56187.58203	505073.3	5409843.0
L5070.0	505073.3	5409843.0	21440.80078	365.79	0	48.841539	-86.930857	56085.29	56220.3	29.74	56115.03	56127.08203	56163.45890	56188.18750	505073.3	5409843.0
L5070.0	505073.3	5409841.0	21440.90039	359.90	0	48.841521	-86.930857	56087.05	56220.3	29.74	56116.79	56128.60938	56172.78799	56197.57031	505073.3	5409841.0
L5070.0	505073.3	5409841.0	21441.00000	359.51	0	48.841521	-86.930857	56088.06	56220.3	29.74	56117.80	56129.37891	56164.20214	56189.02734	505073.3	5409841.0
L5070.0	505073.4	5409839.6	21441.09961	361.71	0	48.841509	-86.930856	56089.64	56220.3	29.74	56119.38	56130.71484	56170.32104	56195.18750	505073.4	5409839.6
L5070.0	505073.4	5409837.8	21441.19922	364.74	0	48.841493	-86.930856	56091.00	56220.3	29.74	56120.74	56131.82422	56171.61002	56196.50000	505073.4	5409837.8
L5070.0	505073.4	5409836.5	21441.30078	369.40	0	48.841481	-86.930856	56092.63	56220.3	29.74	56122.37	56133.19922	56180.17247	56205.08203	505073.4	5409836.5
L5070.0	505073.4	5409836.5	21441.40039	370.72	0	48.841481	-86.930856	56093.96	56220.3	29.74	56123.70	56134.26563	56181.91082	56206.82422	505073.4	5409836.5
L5070.0	505073.4	5409834.9	21441.50000	369.76	0	48.841466	-86.930856	56095.00	56220.3	29.74	56124.74	56135.03906	56177.06337	56201.97656	505073.4	5409834.9
L5070.0	505073.4	5409834.9	21441.59961	366.07	0	48.841466	-86.930856	56096.31	56220.3	29.75	56126.06	56136.08203	56179.70988	56204.60938	505073.4	5409834.9
L5070.0	505073.4	5409832.9	21441.69922	366.69	0	48.841448	-86.930856	56097.18	56220.3	29.75	56126.92	56136.66406	56171.54981	56196.42188	505073.4	5409832.9
L5070.0	505073.4	5409831.7	21441.69922	366.69	0	48.841438	-86.930856	56098.79	56220.3	29.75	56128.53	56137.98828	56182.48151	56207.31641	505073.4	5409831.7
L5070.0	505073.4	5409830.2	21441.90039	368.48	0	48.841424	-86.930856	56099.75	56220.3	29.75	56129.50	56138.66406	56178.13745	56202.92188	505073.4	5409830.2
L5070.0	505073.4	5409830.2	21442.00000	369.48	0	48.841424	-86.930856	56100.89	56220.3	29.75	56130.64	56139.50391	56178.52836	56203.25391	505073.4	5409830.2
L5070.0	505073.4	5409828.8	21442.09961	367.69	0	48.841412	-86.930857	56101.27	56220.3	29.75	56131.02	56139.57813	56160.65621	56185.30859	505073.4	5409828.8
L5070.0	505073.3	5409827.1	21442.19922	368.23	0	48.841396	-86.930857	56102.56	56220.3	29.75	56132.31	56140.55859	56165.78830	56190.35547	505073.3	5409827.1
L5070.0	505073.3	5409826.2	21442.30078	367.06	0	48.841388	-86.930857	56103.65	56220.3	29.75	56133.40	56141.32813	56166.47689	56190.94141	505073.3	5409826.2
L5070.0	505073.3	5409826.2	21442.40039	365.95	0	48.841388	-86.930857	56104.94	56220.3	29.75	56134.68	56142.28516	56172.35033	56196.69922	505073.3	5409826.2
L5070.0	505073.3	5409824.9	21442.50000	368.53	0	48.841376	-86.930858	56106.00	56220.3	29.75	56135.75	56143.02344	56173.50987	56197.73047	505073.3	5409824.9
L5070.0	505073.3	5409823.3	21442.59961	369.30	0	48.841362	-86.930858	56106.86	56220.3	29.74	56136.60	56143.53516	56169.69637	56193.77734	505073.3	5409823.3
L5070.0	505073.2	5409821.9	21442.69922	367.39	0	48.841350	-86.930858	56108.00	56220.3	29.74	56137.75	56144.33984	56173.75080	56197.67188	505073.2	5409821.9
L5070.0	505073.2	5409821.9	21442.80078	368.13	0	48.841350	-86.930858	56108.58	56220.3	29.74	56138.32	56144.55469	56163.90933	56187.66016	505073.2	5409821.9
L5070.0	505073.2	5409820.8	21442.90039	368.75	0	48.841339	-86.930859	56109.99	56220.3	29.74	56139.73	56145.60547	56175.25833	56198.82031	505073.2	5409820.8
L5070.0	505073.2	5409819.2	21443.00000	370.85	0	48.841326	-86.930859	56110.53	56220.3	29.74	56140.27	56145.78125	56165.51805	56188.87891	505073.2	5409819.2
L5070.0	505073.2	5409819.2	21443.09961	371.64	0	48.841326	-86.930859	56111.95	56220.3	29.74	56141.68	56146.81641	56177.68411	56200.82813	505073.2	5409819.2
L5070.0	505073.2	5409817.4	21443.19922	371.59	0	48.841309	-86.930859	56112.63	56220.3	29.74	56142.37	56147.12891	56172.44254	56195.35156	505073.2	5409817.4
L5070.0	505073.2	5409816.3	21443.30078	373.56	0	48.841299	-86.930860	56113.87	56220.3	29.73	56143.60	56147.97266	56180.92422	56203.57813	505073.2	5409816.3
L5070.0	505073.1	5409814.8	21443.40039	375.46	0	48.841285	-86.930860	56114.25	56220.3	29.73	56143.98	56147.95703	56168.75841	56191.14453	505073.1	5409814.8
L5070.0	505073.1	5409814.8	21443.50000	373.36	0	48.841285	-86.930860	56114.70	56220.3	29.73	56144.43	56148.00781	56158.67177	56180.77734	505073.1	5409814.8
L5070.0	505073.1	5409812.9	21443.59961	370.93	0	48.841269	-86.930860	56115.68	56220.3	29.73	56145.41	56148.57813	56162.02075	56183.82422	505073.1	5409812.9
L5070.0	505073.1	5409811.3	21443.69922	369.02	0	48.841254	-86.930860	56116.20	56220.3	29.73	56145.93	56148.68359	56154.32127	56175.80859	505073.1	5409811.3
L5070.0	505073.1	5409811.3	21443.69922	369.02	0	48.841254	-86.930860	56117.54	56220.3	29.73	56147.26	56149.58984	56166.95080	56188.10156	505073.1	5409811.3
L5070.0	505073.1	5409809.5	21443.90039	368.20	0	48.841238	-86.930861	56118.19	56220.3	29.72	56147.91	56149.81250	56163.06629	56183.86328	505073.1	5409809.5
L5070.0	505073.1	5409808.1	21444.00000	368.13	0	48.841225	-86.930861	56119.39	56220.3	29.72	56149.11	56150.57422	56173.05634	56193.48047	505073.1	5409808.1
L5070.0	505073.1	5409806.8	21444.09961	367.68	0	48.841213	-86.930861	56119.68	56220.3	29.72	56149.41	56150.43359	56161.06647	56181.10547	505073.1	5409806.8
L5070.0	505073.1	5409806.8	21444.19922	369.24	0	48.841213	-86.930861	56120.69	56220.3	29.72	56150.42	56150.99219	56166.87781	56186.51172	505073.1	5409806.8
L5070.0	505073.1	5409805.2	21444.30078	368.93	0	48.841199	-86.930861	56120.80	56220.3	29.73	56150.53	56150.64453	56150.68095	56169.88672	505073.1	5409805.2
L5070.0	505073.1	5409805.2	21444.40039	369.14	0	48.841199	-86.930861	56121.54	56220.3	29.73	56151.27	56150.91797	56150.27954	56169.04297	505073.1	5409805.2
L5070.0	505073.1	5409802.5	21444.50000	367.04	0	48.841175	-86.930861	56122.32	56220.3	29.73	56152.05	56151.22656	56151.07602	56169.37891	505073.1	5409802.5
L5070.0	505073.1	5409802.5	21444.59961	367.75	0	48.841175	-86.930861	56122.70	56220.3	29.73	56152.43	56151.12891	56142.18041	56160.00391	505073.1	5409802.5
L5070.0	505073.1	5409800.7	21444.69922	368.81	0	48.841158	-86.930861	56123.43	56220.3	29.73	56153.16	56151.37109	56142.11662	56159.44141	505073.1	5409800.7
L5070.0	505073.1	5409800.7	21444.80078	367.56	0	48.841158	-86.930861	56124.39	56220.3	29.74	56154.12	56151.83984	56147.90429	56164.71094	505073.1	5409800.7
L5070.0	505073.1	5409799.1	21444.90039	365.66	0	48.841144	-86.930861	56125.48	56220.3	29.74	56155.21	56152.42969	56157.05742	56173.32422	505073.1	5409799.1
L5070.0	505073.1	5409797.8	21445.00000	366.95	0	48.841132	-86.930861	56125.53	56220.3	29.74	56155.27	56151.98438	56140.88945	56156.60156	505073.1	5409797.8
L5070.0	505073.1	5409797.8	21445.09961	367.43	0	48.841132	-86.930861	56125.73	56220.3	29.74	56155.47	56151.66797	56128.30570	56143.44531	505073.1	5409797.8
L5070.0	505073.1	5409796.1	21445.19922	366.30	0	48.841117	-86.930860	56126.32	56220.3	29.75	56156.06	56151.73828	56125.47142	56140.01953	505073.1	5409796.1
L5070.0	505073.1	5409794.7	21445.30078	364.05	0	48.841105	-86.930860	56127.58	56220.2	29.75	56157.33	56152.48438	56139.54058	56153.47656	505073.1	5409794.7
L5070.0	505073.2	5409793.2	21445.40039	363.05	0	48.841091	-86.930860	56128.66	56220.2	29.76	56158.42	56153.03906	56149.24206	56162.54688	505073.2	5409793.2
L5070.0	505073.2	5409792.3	21445.50000	366.62	0	48.841083	-86.930859	56129.20	56220.2	29.76	56158.96	56153.03906	56145.41640	56158.07031	505073.2	5409792.3
L5070.0	505073.2	5409792.3	21445.59961	369.64	0	48.841083	-86.930859	56130.01	56220.2	29.76	56159.78	56153.31250	56148.56526	56160.55078	505073.2	5409792.3
L5070.0	505073.2	5409790.7	21445.69922	371.80	0	48.841069	-86.930859	56130.38	56220.2	29.77	56160.15	56153.12891	56140.63103	56151.92969	505073.2	5409790.7
L5070.0	505073.2	5409789.0	21445.69922	371.80	0	48.841054	-86.930859	56130.96	56220.2	29.77	56160.73	56153.14844	56137.91359	56148.50391	505073.2	5409789.0
L5070.0	505073.3	5409788.1	21445.90039	371.54	0	48.841045	-86.930858	56131.37	56220.2	29.78	56161.15	56153.00391	56131.25385	56141.11719	505073.3	5409788.1
L5070.0	505073.3	5409786.9	21446.00000	371.32	0	48.841035	-86.930858	56132.18	56220.2	29.78	56161.96	56153.23828	56134.23298	56143.35156	505073.3	5409786.9
L5070.0	505073.3	5409786.9	21446.09961	370.69	0	48.841035	-86.930858	56132.87	56220.2	29.78	56162.64	56153.33984	56133.98453	56142.34375	505073.3	5409786.9
L5070.0	505073.3	5409785.3	21446.19922	371.46	0	48.841020	-86.930858	56133.44	56220.2	29.78	56163.22	56153.33594	56131.23679	56138.81250	505073.3	5409785.3
L5070.0	505073.3	5409783.2	21446.30078	367.98	0	48.841001	-86.930858	56134.16	56220.2	29.77	56163.93	56153.45313	56131.66176	56138.43750	505073.3	5409783.2
L5070.0	505073.3	5409783.2	21446.40039	366.47	0	48.841001	-86.930858	56135.02	56220.2	29.77	56164.79	56153.71875	56135.74088	56141.69531	505073.3	5409783.2
L5070.0	505073.3	5409781.8	21446.50000	365.30	0	48.840989	-86.930858	56135.34	56220.2	29.77	56165.11	56153.43359	56126.40632	56131.52344	505073.3	5409781.8
L5070.0	505073.3	5409780.7	21446.59961	366.40	0	48.840979	-86.930858	56135.88	56220.2	29.77	56165.65	56153.36719	56122.43085	56126.69531	505073.3	5409780.7
L5070.0	505073.3	5409780.7	21446.69922	362.70	0	48.840979	-86.930858	56136.53	56220.2	29.77	56166.29	56153.39453	56120.83601	56124.22266	505073.3	5409780.7
L5070.0	505073.3	5409778.9	21446.80078	361.04	0	48.840963	-86.930858	56137.39	56220.2	29.76	56167.16	56153.64453	56124.82292	56127.31641	505073.3	5409778.9
L5070.0	505073.3	5409777.3	21446.90039	359.93	0	48.840949	-86.930858	56138.06	56220.2	29.76	56167.82	56153.67969	56123.50388	56125.08594	505073.3	5409777.3

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5070.0	505073.3	5409776.2	21447.00000	361.32	0	48.840938	-86.930858	56138.66	56220.2	29.76	56168.42	56153.64844	56120.57481	56121.23047	505073.3	5409776.2
L5070.0	505073.3	5409776.2	21447.09961	360.66	0	48.840938	-86.930858	56139.12	56220.2	29.76	56168.88	56153.47266	56114.04678	56113.75781	505073.3	5409776.2
L5070.0	505073.3	5409774.5	21447.19922	360.90	0	48.840923	-86.930858	56139.74	56220.2	29.76	56169.51	56153.46094	56111.57095	56110.32031	505073.3	5409774.5
L5070.0	505073.3	5409774.5	21447.30078	362.82	0	48.840923	-86.930858	56140.43	56220.2	29.77	56170.19	56153.49609	56110.17020	56107.93750	505073.3	5409774.5
L5070.0	505073.3	5409772.8	21447.40039	363.80	0	48.840908	-86.930858	56141.41	56220.2	29.77	56171.17	56153.82813	56116.01313	56112.78125	505073.3	5409772.8
L5070.0	505073.3	5409771.5	21447.50000	364.28	0	48.840896	-86.930858	56142.27	56220.2	29.77	56172.04	56154.04297	56118.95505	56114.71094	505073.3	5409771.5
L5070.0	0.0	0.0	21447.59961	363.36	0	48.840885	-86.930858	56142.73	56220.2	29.77	56172.50	56153.84375	56111.57046	56106.29688	505073.3	5409770.3
L5070.0	0.0	0.0	21447.69922	366.11	0	48.840885	-86.930858	56143.82	56220.2	29.77	56173.59	56154.26953	56119.55566	56113.23828	505073.3	5409770.3
L5070.0	0.0	0.0	21447.69922	366.11	0	48.840873	-86.930858	56144.42	56220.2	29.77	56174.19	56154.20313	56115.21736	56107.83594	505073.3	5409768.9
L5070.0	0.0	0.0	21447.90039	365.82	0	48.840856	-86.930858	56145.24	56220.2	29.78	56175.02	56154.35938	56116.34282	56107.87891	505073.3	5409767.0
L5070.0	0.0	0.0	21448.00000	366.45	0	48.840846	-86.930857	56145.34	56220.2	29.78	56175.12	56153.78516	56099.19417	56089.64063	505073.4	5409765.9
L5070.0	0.0	0.0	21448.09961	364.97	0	48.840846	-86.930857	56146.47	56220.2	29.78	56176.25	56154.23438	56107.26557	56096.60156	505073.4	5409765.9
L5070.0	0.0	0.0	21448.19922	365.16	0	48.840829	-86.930857	56147.28	56220.2	29.78	56177.06	56154.36328	56107.17994	56095.39063	505073.4	5409764.1
L5070.0	0.0	0.0	21448.30078	363.46	0	48.840817	-86.930857	56148.19	56220.2	29.79	56177.98	56154.59766	56109.55776	56096.62891	505073.4	5409762.7
L5070.0	0.0	0.0	21448.40039	362.34	0	48.840817	-86.930857	56148.77	56220.2	29.79	56178.56	56154.48828	56103.26844	56089.18750	505073.4	5409762.7
L5070.0	0.0	0.0	21448.50000	362.76	0	48.840804	-86.930857	56149.62	56220.2	29.79	56179.41	56154.64453	56103.38232	56088.13281	505073.4	5409761.3
L5070.0	0.0	0.0	21448.59961	363.16	0	48.840784	-86.930857	56150.36	56220.2	29.79	56180.15	56154.69141	56100.49973	56084.07031	505073.4	5409759.1
L5070.0	0.0	0.0	21448.69922	363.63	0	48.840774	-86.930857	56150.85	56220.2	29.79	56180.64	56154.48047	56091.15359	56073.52734	505073.4	5409757.9
L5070.0	0.0	0.0	21448.80078	365.59	0	48.840774	-86.930857	56151.66	56220.2	29.80	56181.46	56154.60156	56089.67382	56070.83984	505073.4	5409757.9
L5070.0	0.0	0.0	21448.90039	367.55	0	48.840762	-86.930857	56152.20	56220.2	29.80	56181.99	56154.42969	56080.72968	56060.67578	505073.4	5409756.6
L5070.0	0.0	0.0	21449.00000	366.91	0	48.840749	-86.930857	56153.22	56220.2	29.80	56183.02	56154.75391	56083.84253	56062.55469	505073.4	5409755.2
L5070.0	0.0	0.0	21449.09961	365.25	0	48.840749	-86.930857	56153.89	56220.2	29.80	56183.70	56154.72656	56077.99737	56055.46484	505073.4	5409755.2
L5070.0	0.0	0.0	21449.19922	364.22	0	48.840732	-86.930857	56155.55	56220.2	29.80	56185.35	56155.66797	56095.81669	56072.02734	505073.4	5409753.3
L5070.0	0.0	0.0	21449.30078	363.89	0	48.840717	-86.930857	56156.60	56220.2	29.80	56186.40	56156.00781	56098.48965	56073.42969	505073.4	5409751.7
L5070.0	0.0	0.0	21449.40039	363.38	0	48.840717	-86.930857	56157.54	56220.2	29.80	56187.35	56156.24609	56098.37115	56072.03125	505073.4	5409751.7
L5070.0	0.0	0.0	21449.50000	365.77	0	48.840703	-86.930856	56158.34	56220.2	29.81	56188.14	56156.32422	56093.97470	56066.34375	505073.4	5409750.0
L5070.0	0.0	0.0	21449.59961	368.84	0	48.840691	-86.930856	56159.12	56220.2	29.81	56188.93	56156.39844	56089.25208	56060.32031	505073.5	5409748.7
L5070.0	0.0	0.0	21449.69922	369.09	0	48.840691	-86.930856	56160.26	56220.2	29.81	56190.07	56156.82422	56092.85181	56062.61328	505073.5	5409748.7
L5070.0	0.0	0.0	21449.69922	369.09	0	48.840673	-86.930856	56161.25	56220.2	29.81	56191.05	56157.08984	56092.16579	56060.60547	505073.5	5409746.7
L5070.0	0.0	0.0	21449.90039	365.25	0	48.840661	-86.930856	56162.38	56220.2	29.81	56192.19	56157.51563	56095.10189	56062.21094	505073.5	5409745.3
L5070.0	0.0	0.0	21450.00000	361.04	0	48.840661	-86.930856	56163.37	56220.2	29.81	56193.18	56157.79297	56093.99637	56059.76953	505073.5	5409745.3
L5070.0	0.0	0.0	21450.09961	362.21	0	48.840649	-86.930855	56164.61	56220.2	29.81	56194.42	56158.31641	56098.73539	56063.16406	505073.5	5409744.0
L5070.0	0.0	0.0	21450.19922	364.56	0	48.840636	-86.930855	56165.85	56220.2	29.81	56195.66	56158.84375	56103.13914	56066.21094	505073.5	5409742.6
L5070.0	0.0	0.0	21450.30078	365.69	0	48.840625	-86.930855	56166.94	56220.2	29.81	56196.75	56159.21875	56103.50003	56065.21094	505073.5	5409741.3
L5070.0	0.0	0.0	21450.40039	368.93	0	48.840625	-86.930855	56167.89	56220.2	29.81	56197.71	56159.46484	56100.31286	56060.65625	505073.5	5409741.3
L5070.0	0.0	0.0	21450.50000	368.83	0	48.840610	-86.930855	56169.34	56220.2	29.82	56199.16	56160.20313	56108.90345	56067.87109	505073.6	5409739.7
L5070.0	0.0	0.0	21450.59961	368.27	0	48.840596	-86.930855	56170.52	56220.2	29.82	56200.34	56160.67188	56110.48781	56068.07422	505073.6	5409738.2
L5070.0	0.0	0.0	21450.69922	370.35	0	48.840596	-86.930855	56171.84	56220.2	29.82	56201.66	56161.28125	56115.20197	56071.40234	505073.6	5409738.2
L5070.0	0.0	0.0	21450.80078	369.44	0	48.840582	-86.930855	56172.80	56220.2	29.82	56202.61	56161.52344	56110.44221	56065.25000	505073.6	5409736.6
L5070.0	0.0	0.0	21450.90039	372.12	0	48.840567	-86.930855	56174.13	56220.2	29.82	56203.95	56162.16016	56114.99660	56068.40625	505073.5	5409734.9
L5070.0	0.0	0.0	21451.00000	372.06	0	48.840567	-86.930855	56175.66	56220.2	29.82	56205.48	56162.98438	56123.92476	56075.93359	505073.5	5409734.9
L5070.0	0.0	0.0	21451.09961	372.93	0	48.840555	-86.930855	56177.06	56220.2	29.82	56206.88	56163.68359	56129.32067	56079.92578	505073.5	5409733.6
L5070.0	0.0	0.0	21451.19922	372.34	0	48.840542	-86.930856	56178.35	56220.2	29.82	56208.17	56164.27344	56131.68272	56080.87500	505073.5	5409732.1
L5070.0	0.0	0.0	21451.30078	368.03	0	48.840542	-86.930856	56179.38	56220.2	29.82	56209.20	56164.60938	56127.30774	56075.08984	505073.5	5409732.1
L5070.0	0.0	0.0	21451.40039	365.72	0	48.840530	-86.930856	56180.90	56220.2	29.82	56210.73	56165.44531	56134.98596	56081.35156	505073.5	5409730.8
L5070.0	0.0	0.0	21451.50000	366.25	0	48.840511	-86.930856	56181.98	56220.2	29.83	56211.81	56165.83594	56131.24106	56076.19141	505073.5	5409728.6
L5070.0	0.0	0.0	21451.59961	365.64	0	48.840503	-86.930856	56183.66	56220.2	29.83	56213.49	56166.83203	56142.03220	56085.56250	505073.5	5409727.8
L5070.0	0.0	0.0	21451.69922	366.00	0	48.840503	-86.930856	56185.02	56220.2	29.83	56214.85	56167.50781	56144.62542	56086.73438	505073.5	5409727.8
L5070.0	0.0	0.0	21451.69922	366.00	0	48.840489	-86.930856	56186.72	56220.2	29.83	56216.55	56168.53125	56155.34089	56096.02734	505073.5	5409726.3
L5070.0	0.0	0.0	21451.90039	367.96	0	48.840474	-86.930857	56188.03	56220.2	29.83	56217.86	56169.16797	56156.14180	56095.40625	505073.4	5409724.6
L5070.0	0.0	0.0	21452.00000	369.10	0	48.840474	-86.930857	56189.50	56220.2	29.83	56219.33	56169.96484	56160.63020	56098.46875	505073.4	5409724.6
L5070.0	0.0	0.0	21452.09961	368.70	0	48.840461	-86.930857	56191.06	56220.2	29.83	56220.89	56170.85938	56167.08365	56103.50000	505073.4	5409723.1
L5070.0	0.0	0.0	21452.19922	368.12	0	48.840451	-86.930857	56192.53	56220.2	29.83	56222.36	56171.67188	56171.06118	56106.05859	505073.4	5409722.0
L5070.0	0.0	0.0	21452.30078	369.95	0	48.840451	-86.930857	56194.06	56220.2	29.83	56223.89	56172.54688	56176.27898	56109.85547	505073.4	5409722.0
L5070.0	0.0	0.0	21452.40039	369.98	0	48.840436	-86.930857	56195.26	56220.2	29.83	56225.09	56173.09375	56173.10613	56105.26172	505073.4	5409720.4
L5070.0	0.0	0.0	21452.50000	369.39	0	48.840425	-86.930857	56197.16	56220.2	29.83	56226.99	56174.35156	56187.01101	56117.75000	505073.4	5409719.1
L5070.0	0.0	0.0	21452.59961	368.35	0	48.840425	-86.930857	56198.18	56220.2	29.83	56228.01	56174.73047	56178.94952	56108.27344	505073.4	5409719.1
L5070.0	0.0	0.0	21452.69922	368.13	0	48.840414	-86.930857	56199.84	56220.2	29.83	56229.67	56175.75781	56186.50234	56114.41016	505073.4	5409717.9
L5070.0	0.0	0.0	21452.80078	369.26	0	48.840401	-86.930857	56201.37	56220.2	29.83	56231.20	56176.66016	56190.64725	56117.14844	505073.4	5409716.5
L5070.0	0.0	0.0	21452.90039	368.47	0	48.840389	-86.930857	56203.26	56220.2	29.83	56233.09	56177.92969	56203.50651	56128.60156	505073.4	5409715.1
L5070.0	0.0	0.0	21453.00000	365.10	0	48.840389	-86.930857	56205.28	56220.2	29.83	56235.11	56179.33594	56219.40602	56143.09766	505073.4	5409715.1
L5070.0	0.0	0.0	21453.09961	361.55	0	48.840376	-86.930858	56206.52	56220.2	29.83	56236.35	56179.96875	56215.86405	56138.15625	505073.4	5409713.7
L5070.0	0.0	0.0	21453.19922	359.92	0	48.840364	-86.930858	56207.85	56220.2	29.84	56237.69	56180.70703	56214.64358	56135.54297	505073.4	5409712.4
L5070.0	0.0	0.0	21453.30078	362.92	0	48.840364	-86.930858	56209.11	56220.2	29.84	56238.95	56181.37109	56211.30725	56130.81641	505073.4	5409712.4
L5070.0	0.0	0.0	21453.40039	364.37	0	48.840351	-86.930858	56211.07	56220.2	29.85	56240.92	56182.75391	56225.39399	56143.51953	505073.4	5409711.0
L5070.0	0.0	0.0	21453.50000	365.10	0	48.840341	-86.930858	56212.51	56220.1	29.85	56242.36	56183.61328	56226.26635	56143.01563	505073.4	5409709.8
L5070.0	0.0	0.0	21453.59961	368.04	0	48.840341	-86.930858	56214.39	56220.1	29.85	56244.24	56184.92188	56237.91288	56153.28906	505073.4	5409709.8
L5070.0	0.0	0.0	21453.69922	370.80	0	48.840329	-86.930858	56215.84	56220.1	29.86	56245.70	56185.81641	56239.08927	56153.09766	505073.4	5409708.4
L5070.0	0.0	0.0	21453.69922	370.80	0	48.840317	-86.930858	56217.61	56220.1	29.86	56247.46	56187.01953	56247.60510	56160.25391	505073.4	5409707.1
L5070.0	0.0	0.0	21453.90039	372.35	0	48.840317	-86.930858	56219.09	56220.1	29.87	56248.95	56187.96094	56249.38454	56160.68359	505073.4	5409707.1
L5070.0	0.0	0.0	21454.00000	370.06	0	48.840307	-86.930858	56220.62	56220.1	29.87	56250.49	56188.96094	56252.35053	56162.30078	505073.4	5409706.0
L5070.0	0.0	0.0	21454.09961	368.61	0	48.840307	-86.930858	56222.64	56220.1	29.87	56252.51	56190.44922	56267.14511	56175.75781	505073.4	5409706.0
L5070.0	0.0	0.0	21454.19922	366.79	0	48.840295	-86.930858	56223.90	56220.1	29.87	56253.77	56191.18359	56263.13215	56170.41406	505073.4	5409704.7
L5070.0	0.0	0.0	21454.30078	364.84	0	48.840285	-86.930858	56225.77	56220.1	29.87	56255.64	56192.53906	56274.18846	56180.15234	505073.4	5409703.6
L5070.0	0.0	0.0	21454.40039	363.78	0	48.840275	-86.930858	56227.16	56220.1	29.87	56257.03	56193.42188	56273.38579	56178.03516	505073.4	5409702.5
L5070.0	0.0	0.0	21454.50000	365.30	0	48.840264	-86.930858	56228.98	56220.1	29.87	56258.85	56194.74219	56283.23109	56186.57422	505073.4	5409701.3
L5070.0	0.0	0.0	21454.59961	367.99	0	48.840264	-86.930858	56230.34	56220.1	29.87	56260.21	56195.61328	56281.73980	56183.78516	505073.4	5409701.3
L5070.0	0.0	0.0	21454.69922	363.14	0	48.840252	-86.930858	56231.87	56220.1	29.87	56261.74	56196.66016	56284.49810	56185.25781	505073.4	5409699.9
L5070.0	0.0	0.0	21454.80078	360.65	0	48.840252	-86.930858	56233.45	56220.1	29.87	56263.32	56197.76953	56288.55405	56188.03516	505073.4	5409699.9
L5070.0	0.0	0.0	21454.90039	357.30	0	48.840228	-86.930858	56234.92	56220.1	29.87	56264.79	56198.77734	56289.96707	56188.18359	505073.4	5409697.3
L5070.0	0.0	0.0	21455.00000	354.99	0	48.840228	-86.930858	56236.31	56220.1	29.87	56266.18	56199.71484	56289.49288	56186.44922	505073.4	5409697.3
L5070.0	0.0	0.0	21455.09961	358.38	0	48.840220	-86.930858	56237.56	56220.1	29.87	56267.43	56200.51953	56285.66267	56181.37109	505073.4	5409696.3
L5070.0	0.0	0.0	21455.19922	360.83	0	48.840220	-86.930858	56239.53	56220.1	29.87	56269.40	56202.05469	56299.74773	56194.21875	505073.4	5409696.3
L5070.0	0.0	0.0	21455.30078	364.24	0	48.840210	-86.930858	56241.29	56220.1	29.87	56271.16	56203.39063	56308.77491	56202.01953	505073.4	5409695.2
L5070.0	0.0	0.0	21455.40039	370.81	0	48.840200	-86.930858	56242.87	56220.1	29.87	56272.74	56204.55469	56313.49987	56205.52734	505073.4	5409694.1
L5070.0	0.0	0.0	21455.50000	371.01	0	48.840200	-86.930858	56244.09	56220.1	29.87	56273.96	56205.36719	56309.48750	56200.30859	505073.4	5409694.1
L5070.0	0.0	0.0	21455.59961	368.25	0	48.840187	-86.930858	56245.86	56220.1	29.87	56275.73	56206.74219	56319.24476	56208.86719	505073.3	5409692.7
L5070.0	0.0	0.0	21455.69922	370.80	0	48.840187	-86.930858	56247.54	56220.1	29.87	56277.41	56208.03516	56326.96628	56215.40625	505073.3	5409692.7
L5070.0	0.0	0.0	21455.69922	370.80	0	48.840179	-86.930859	56249.10	56220.1	29.87	56278.97	56209.21875	56331.92431	56219.19141	505073.3	5409691.8
L5070.0	0.0	0.0	21455.90039	367.71	0	48.840171	-86.930859	56250.39	56220.1	29.87	56280.26	56210.14063	56330.42484	56216.53125	505073.3	5409690.9
L5070.0	0.0	0.0	21456.00000	367.66	0	48.840171	-86.930859	56251.95	56220.1	29.87	56281.82	56211.34375	56335.82885	56220.78516	505073.3	5409690.9
L5070.0	0.0	0.0	21456.09961	368.18	0	48.840162	-86.930859	56253.32	56220.1	29.87	56283.18	56212.35547	56336.53241	56220.34766	505073.3	5409689.9
L5070.0	0.0	0.0	21456.19922	368.01	0	48.840153	-86.930860	56254.66	56220.1	29.87	56284.53	56213.36719	56337.24501	56219.93359	505073.3	5409688.9

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5070.0	0.0	0.0	21456.30078	369.84	0	48.840143	-86.930860	56255.66	56220.1	29.86	56285.52	56214.02734	56329.32847	56210.90234	505073.2	5409687.7
L5070.0	0.0	0.0	21456.40039	370.86	0	48.840143	-86.930860	56257.32	56220.1	29.86	56287.18	56215.36719	56338.25462	56218.72656	505073.2	5409687.7
L5070.0	0.0	0.0	21456.50000	371.45	0	48.840135	-86.930861	56258.84	56220.1	29.86	56288.70	56216.57813	56344.01477	56223.39453	505073.2	5409686.9
L5070.0	0.0	0.0	21456.59961	369.69	0	48.840128	-86.930861	56260.38	56220.1	29.86	56290.24	56217.82031	56350.57604	56228.87500	505073.2	5409686.1
L5070.0	0.0	0.0	21456.69922	368.65	0	48.840120	-86.930861	56261.76	56220.1	29.86	56291.61	56218.89844	56353.25414	56230.48438	505073.1	5409685.3
L5070.0	0.0	0.0	21456.80078	368.06	0	48.840120	-86.930861	56263.08	56220.1	29.85	56292.94	56219.94922	56355.27415	56231.44922	505073.1	5409685.3
L5070.0	0.0	0.0	21456.90039	371.33	0	48.840111	-86.930862	56264.46	56220.1	29.85	56294.31	56221.05078	56358.62499	56233.75781	505073.1	5409684.3
L5070.0	0.0	0.0	21457.00000	377.04	0	48.840111	-86.930862	56265.61	56220.2	29.85	56295.46	56221.93750	56356.89132	56230.99219	505073.1	5409684.3
L5070.0	0.0	0.0	21457.09961	377.21	0	48.840103	-86.930862	56267.12	56220.1	29.85	56296.97	56223.19531	56364.42025	56237.50000	505073.1	5409683.3
L5070.0	0.0	0.0	21457.19922	375.24	0	48.840095	-86.930862	56268.37	56220.1	29.85	56298.22	56224.20313	56365.89752	56237.96875	505073.1	5409682.4
L5070.0	0.0	0.0	21457.30078	374.44	0	48.840087	-86.930863	56269.54	56220.1	29.86	56299.39	56225.14063	56365.78259	56236.85938	505073.0	5409681.6
L5070.0	0.0	0.0	21457.40039	374.26	0	48.840082	-86.930863	56270.77	56220.1	29.86	56300.62	56226.14844	56367.54587	56237.64063	505073.0	5409681.0
L5070.0	0.0	0.0	21457.50000	371.98	0	48.840082	-86.930863	56272.27	56220.1	29.86	56302.13	56227.44531	56376.63485	56245.75391	505073.0	5409681.0
L5070.0	0.0	0.0	21457.59961	369.84	0	48.840073	-86.930864	56273.50	56220.1	29.86	56303.36	56228.46875	56379.21696	56247.37500	505073.0	5409680.0
L5070.0	0.0	0.0	21457.69922	371.07	0	48.840073	-86.930864	56274.62	56220.1	29.86	56304.49	56229.40234	56379.75028	56246.96094	505073.0	5409680.0
L5070.0	0.0	0.0	21457.69922	371.07	0	48.840066	-86.930864	56275.79	56220.1	29.86	56305.65	56230.37500	56381.45660	56247.73047	505073.0	5409679.3
L5070.0	0.0	0.0	21457.90039	371.36	0	48.840058	-86.930864	56276.89	56220.1	29.87	56306.76	56231.30469	56382.36669	56247.71484	505072.9	5409678.4
L5070.0	0.0	0.0	21458.00000	368.46	0	48.840053	-86.930865	56278.25	56220.1	29.87	56308.12	56232.49609	56389.90357	56254.33984	505072.9	5409677.8
L5070.0	0.0	0.0	21458.09961	365.12	0	48.840053	-86.930865	56279.46	56220.1	29.87	56309.33	56233.54297	56394.18759	56257.71875	505072.9	5409677.8
L5070.0	0.0	0.0	21458.19922	365.84	0	48.840048	-86.930865	56280.72	56220.1	29.87	56310.59	56234.65234	56400.16923	56262.80859	505072.9	5409677.2
L5070.0	0.0	0.0	21458.30078	366.42	0	48.840048	-86.930865	56281.66	56220.1	29.87	56311.53	56235.44531	56398.70956	56260.46875	505072.9	5409677.2
L5070.0	0.0	0.0	21458.40039	365.77	0	48.840040	-86.930866	56282.53	56220.1	29.87	56312.40	56236.17969	56395.99412	56256.88672	505072.8	5409676.4
L5070.0	0.0	0.0	21458.50000	370.16	0	48.840033	-86.930866	56283.63	56220.1	29.87	56313.50	56237.15234	56399.44390	56259.47656	505072.8	5409675.5
L5070.0	0.0	0.0	21458.59961	373.22	0	48.840027	-86.930867	56284.65	56220.1	29.87	56314.52	56238.05078	56401.40177	56260.58594	505072.7	5409674.9
L5070.0	0.0	0.0	21458.69922	379.26	0	48.840027	-86.930867	56286.00	56220.1	29.87	56315.87	56239.28906	56412.00682	56270.35156	505072.7	5409674.9
L5070.0	0.0	0.0	21458.80078	380.61	0	48.840021	-86.930867	56287.02	56220.1	29.87	56316.89	56240.20313	56414.94990	56272.46875	505072.7	5409674.2
L5070.0	0.0	0.0	21458.90039	377.44	0	48.840015	-86.930868	56287.96	56220.1	29.87	56317.83	56241.04297	56416.41444	56273.11719	505072.7	5409673.6
L5070.0	0.0	0.0	21459.00000	377.63	0	48.840015	-86.930868	56288.53	56220.1	29.87	56318.40	56241.52344	56409.23594	56265.12891	505072.7	5409673.6
L5070.0	0.0	0.0	21459.09961	373.70	0	48.840008	-86.930868	56289.68	56220.1	29.87	56319.55	56242.58984	56416.89923	56271.99609	505072.6	5409672.8
L5070.0	0.0	0.0	21459.19922	373.69	0	48.840003	-86.930869	56290.63	56220.1	29.87	56320.50	56243.46094	56420.12734	56274.43359	505072.6	5409672.3
L5070.0	0.0	0.0	21459.30078	371.06	0	48.839998	-86.930869	56291.56	56220.1	29.87	56321.44	56244.33203	56423.61889	56277.14844	505072.6	5409671.7
L5070.0	0.0	0.0	21459.40039	367.00	0	48.839998	-86.930869	56292.58	56220.1	29.87	56322.45	56245.27734	56429.35314	56282.10938	505072.6	5409671.7
L5070.0	0.0	0.0	21459.50000	367.37	0	48.839993	-86.930869	56293.50	56220.1	29.88	56323.38	56246.14844	56433.62388	56285.61719	505072.6	5409671.2
L5070.0	0.0	0.0	21459.59961	364.99	0	48.839989	-86.930870	56294.34	56220.1	29.88	56324.22	56246.93750	56436.18493	56287.42578	505072.5	5409670.6
L5070.0	0.0	0.0	21459.69922	364.03	0	48.839984	-86.930870	56295.11	56220.1	29.88	56324.99	56247.66406	56437.53119	56288.02734	505072.5	5409670.1
L5070.0	0.0	0.0	21459.69922	364.03	0	48.839984	-86.930870	56295.96	56220.1	29.88	56325.83	56248.46094	56441.12326	56290.87891	505072.5	5409670.1
L5070.0	0.0	0.0	21459.90039	366.54	0	48.839979	-86.930870	56296.36	56220.1	29.88	56326.24	56248.83594	56434.60207	56283.62891	505072.5	5409669.6
L5070.0	0.0	0.0	21460.00000	368.81	0	48.839976	-86.930871	56297.13	56220.1	29.88	56327.01	56249.57813	56437.49379	56285.79688	505072.5	5409669.2
L5070.0	0.0	0.0	21460.09961	370.11	0	48.839976	-86.930871	56298.14	56220.1	29.88	56328.03	56250.57031	56447.07837	56294.66406	505072.5	5409669.2
L5070.0	0.0	0.0	21460.19922	371.63	0	48.839969	-86.930871	56299.09	56220.1	29.89	56328.97	56251.49219	56455.19748	56302.07422	505072.4	5409668.4
L5070.0	0.0	0.0	21460.30078	371.27	0	48.839966	-86.930872	56300.01	56220.1	29.89	56329.90	56252.40625	56463.57943	56309.75391	505072.4	5409668.1
L5070.0	0.0	0.0	21460.40039	374.87	0	48.839962	-86.930872	56300.66	56220.1	29.89	56330.55	56253.04688	56465.54815	56311.02734	505072.4	5409667.6
L5070.0	0.0	0.0	21460.50000	371.22	0	48.839958	-86.930872	56301.26	56220.1	29.89	56331.15	56253.63672	56466.78596	56311.57422	505072.4	5409667.3
L5070.0	0.0	0.0	21460.59961	367.48	0	48.839958	-86.930872	56301.46	56220.1	29.90	56331.36	56253.84375	56458.88581	56302.98438	505072.4	5409667.3
L5070.0	0.0	0.0	21460.69922	365.95	0	48.839954	-86.930872	56302.11	56220.1	29.90	56332.01	56254.49609	56462.35977	56305.77734	505072.3	5409666.8
L5070.0	0.0	0.0	21460.80078	364.82	0	48.839951	-86.930872	56302.84	56220.1	29.90	56332.75	56255.23828	56468.55288	56311.29688	505072.3	5409666.4
L5070.0	0.0	0.0	21460.90039	364.77	0	48.839947	-86.930873	56303.51	56220.1	29.91	56333.42	56255.91406	56473.50613	56315.57813	505072.3	5409666.0
L5070.0	0.0	0.0	21461.00000	362.52	0	48.839947	-86.930873	56303.74	56220.1	29.91	56333.65	56256.15234	56468.06948	56309.47266	505072.3	5409666.0
L5070.0	0.0	0.0	21461.09961	366.86	0	48.839943	-86.930873	56304.42	56220.1	29.91	56334.33	56256.84375	56474.23666	56314.97266	505072.3	5409665.6
L5070.0	0.0	0.0	21461.19922	366.44	0	48.839940	-86.930873	56304.89	56220.1	29.91	56334.80	56257.32813	56475.68889	56315.76563	505072.3	5409665.2
L5070.0	0.0	0.0	21461.30078	369.70	0	48.839940	-86.930873	56305.22	56220.1	29.91	56335.13	56257.67578	56474.15086	56313.57031	505072.3	5409665.2
L5070.0	0.0	0.0	21461.40039	369.85	0	48.839936	-86.930873	56305.34	56220.1	29.91	56335.25	56257.81250	56467.88650	56306.64844	505072.3	5409664.8
L5070.0	0.0	0.0	21461.50000	365.58	0	48.839932	-86.930874	56306.06	56220.1	29.91	56335.96	56258.54297	56476.66371	56314.77344	505072.2	5409664.4
L5070.0	0.0	0.0	21461.59961	361.10	0	48.839932	-86.930874	56306.57	56220.1	29.90	56336.48	56259.08203	56481.19639	56318.65234	505072.2	5409664.4
L5070.0	0.0	0.0	21461.69922	359.61	0	48.839930	-86.930874	56307.05	56220.1	29.90	56336.95	56259.57422	56484.93830	56321.74219	505072.2	5409664.1
L5070.0	0.0	0.0	21461.69922	359.61	0	48.839927	-86.930875	56307.52	56220.1	29.90	56337.42	56260.07031	56489.11836	56325.27344	505072.2	5409663.8
L5070.0	0.0	0.0	21461.90039	363.63	0	48.839925	-86.930875	56307.96	56220.1	29.90	56337.87	56260.54297	56493.23500	56328.74219	505072.2	5409663.6
L5070.0	0.0	0.0	21462.00000	363.12	0	48.839925	-86.930875	56308.00	56220.1	29.90	56337.90	56260.59375	56487.39377	56322.25391	505072.2	5409663.6
L5080.0	505077.9	5409780.4	4758.79981	314.43	59.03	48.840976	-86.930795	56090.77	56250.8	-0.78	56090.00	56152.08203	56099.04824	56174.06250	505077.9	5409780.4
L5080.0	505078.0	5409780.0	4758.89990	313.00	59.03	48.840972	-86.930794	56090.52	56250.8	-0.77	56089.75	56151.19531	56095.57476	56170.30859	505078.0	5409780.0
L5080.0	505078.0	5409779.4	4759.00000	315.61	55.02	48.840967	-86.930794	56090.24	56250.8	-0.77	56089.47	56150.27734	56091.62266	56166.07422	505078.0	5409779.4
L5080.0	505078.0	5409779.4	4759.10010	316.43	53.48	48.840967	-86.930794	56089.94	56250.8	-0.77	56089.17	56149.33594	56087.41237	56161.58203	505078.0	5409779.4
L5080.0	505078.1	5409778.5	4759.20020	317.90	53.48	48.840959	-86.930793	56089.71	56250.8	-0.77	56088.94	56148.46484	56085.07066	56158.95703	505078.1	5409778.5
L5080.0	505078.1	5409777.7	4759.29981	316.56	53.96	48.840951	-86.930793	56089.36	56250.8	-0.76	56088.60	56147.48047	56080.35118	56153.95313	505078.1	5409777.7
L5080.0	505078.1	5409777.7	4759.39990	317.55	57.14	48.840951	-86.930793	56089.00	56250.8	-0.76	56088.24	56146.47656	56075.36363	56148.67578	505078.1	5409777.7
L5080.0	505078.1	5409777.1	4759.50000	317.28	61.34	48.840946	-86.930792	56088.68	56250.8	-0.76	56087.92	56145.50391	56071.56181	56144.58203	505078.1	5409777.1
L5080.0	505078.1	5409776.4	4759.60010	317.20	61.34	48.840940	-86.930792	56088.37	56250.8	-0.76	56087.61	56144.54297	56068.23752	56140.96094	505078.1	5409776.4
L5080.0	505078.1	5409775.7	4759.70020	316.89	62.8	48.840934	-86.930792	56088.02	56250.8	-0.76	56087.26	56143.53516	56064.17137	56136.59375	505078.1	5409775.7
L5080.0	505078.1	5409775.7	4759.79981	316.48	62.66	48.840934	-86.930792	56087.70	56250.8	-0.75	56086.94	56142.55078	56061.06218	56133.17969	505078.1	5409775.7
L5080.0	505078.2	5409774.8	4759.89990	316.94	62.8	48.840926	-86.930792	56087.36	56250.8	-0.75	56086.60	56141.54688	56057.67825	56129.48438	505078.2	5409774.8
L5080.0	505078.2	5409774.1	4760.00000	315.88	62.97	48.840919	-86.930792	56087.11	56250.8	-0.75	56086.36	56140.63281	56056.93348	56128.42188	505078.2	5409774.1
L5080.0	505078.2	5409773.4	4760.10010	314.61	62.97	48.840913	-86.930792	56086.80	56250.7	-0.74	56086.05	56139.64453	56054.64674	56125.81250	505078.2	5409773.4
L5080.0	505078.2	5409772.8	4760.20020	314.61	55.76	48.840907	-86.930792	56086.45	56250.7	-0.74	56085.71	56138.61719	56051.76958	56122.60156	505078.2	5409772.8
L5080.0	505078.2	5409772.0	4760.20020	316.08	59.92	48.840900	-86.930791	56086.17	56250.7	-0.74	56085.44	56137.65234	56050.69506	56121.18750	505078.2	5409772.0
L5080.0	505078.2	5409771.1	4760.39990	314.04	62.67	48.840893	-86.930791	56085.87	56250.7	-0.72	56085.14	56136.65234	56048.95384	56119.10156	505078.2	5409771.1
L5080.0	505078.2	5409770.6	4760.50000	313.95	62.67	48.840888	-86.930791	56085.59	56250.7	-0.71	56084.87	56135.67578	56047.95231	56117.74219	505078.2	5409770.6
L5080.0	505078.2	5409770.6	4760.60010	316.61	64.19	48.840888	-86.930791	56085.28	56250.7	-0.71	56084.57	56134.65625	56046.21051	56115.63281	505078.2	5409770.6
L5080.0	505078.2	5409769.5	4760.70020	315.64	64.19	48.840878	-86.930791	56085.06	56250.7	-0.70	56084.35	56133.71094	56046.30757	56115.35547	505078.2	5409769.5
L5080.0	505078.2	5409768.6	4760.79981	315.08	64.33	48.840870	-86.930791	56084.81	56250.7	-0.69	56084.11	56132.73438	56045.81553	56114.47656	505078.2	5409768.6
L5080.0	505078.2	5409767.7	4760.89990	313.27	64.19	48.840862	-86.930791	56084.55	56250.7	-0.69	56083.86	56131.73828	56044.94045	56113.20703	505078.2	5409767.7
L5080.0	505078.3	5409766.7	4761.00000	313.80	64.19	48.840852	-86.930791	56084.34	56250.7	-0.68	56083.66	56130.78125	56045.04872	56112.90625	505078.3	5409766.7
L5080.0	505078.3	5409766.7	4761.10010	315.03	54.99	48.840852	-86.930791	56084.15	56250.7	-0.68	56083.47	56129.82422	56045.15389	56112.58984	505078.3	5409766.7
L5080.0	505078.3	5409765.5	4761.20020	311.81	53.98	48.840842	-86.930790	56083.92	56250.7	-0.67	56083.25	56128.82422	56044.28991	56111.29688	505078.3	5409765.5
L5080.0	505078.3	5409764.6	4761.29981	311.79	53.98	48.840833	-86.930790	56083.76	56250.7	-0.67	56083.10	56127.88281	56044.72648	56111.28906	505078.3	5409764.6
L5080.0	505078.3	5409764.6	4761.39990	315.99	60.12	48.840833	-86.930790	56083.62	56250.7	-0.66	56082.96	56126.93750	56045.02564	56111.12891	505078.3	5409764.6
L5080.0	505078.3	5409763.6	4761.50000	316.01	60.12	48.840825	-86.930790	56083.46	56250.7	-0.65	56082.81	56125.97266	56044.68632	56110.31641	505078.3	5409763.6
L5080.0	505078.3	5409762.5	4761.60010	315.91	55.56	48.840815	-86.930790	56083.29	56250.7	-0.65	56082.64	56124.97266	56043.44061	56108.58594	505078.3	5409762.5
L5080.0	505078.4	5409761.6	4761.70020	315.26	56.63	48.840807	-86.930789	56083.21	56250.6	-0.64	56082.57	56124.06250	56043.97389	56108.61719	505078.4	5409761.6
L5080.0	505078.4	5409761.6	4761.79981	316.09	56.63	48.840807	-86.930789	56083.11	56250.6	-0.64	56082.47	56123.10547	56043.28485	56107.41406	505078.4	5409761.6
L5080.0	505078.4	5409760.5	4761.89990	314.79	63.93	48.840797	-86.930789	56082.98	56250.6	-0.63	56082.35	56122.11328	56041.55286	56105.14844	505078.4	5409760.5
L5080.0	505078.4	5409759.2	4762.00000	313.55	63.93	48.840785	-86.930789	56082.91	56250.6	-0.63	56082.28	56121.16016	56040.32814	56103.37891	505078.4	5409759.2
L5080.0	505078.4	5409759.2	4762.10010	314.71	64.44	48.840785	-86.930789	56082.88	56250.6	-0.63	56082.25	56120.23047	56039.35282	56101.83984	505078.4	5409759.2
L5080.0	505078.4	5409758.2	4762.20020	315.03	54.89	48.840777	-86.930789	56082.92	56250.6	-0.63	56082.29	56119.35547	56039.29554	56101.20313	505078.4	5409758.2

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5080.0	505078.4	5409757.3	4762.29981	314.09	54.89	48.840768	-86.930789	56082.93	56250.6	-0.63	56082.30	56118.43359	56037.82848	56099.13672	505078.4	5409757.3
L5080.0	505078.4	5409756.3	4762.39990	313.40	55.25	48.840759	-86.930788	56082.98	56250.6	-0.63	56082.35	56117.53906	56036.53205	56097.22656	505078.4	5409756.3
L5080.0	505078.4	5409755.4	4762.50000	312.48	55.25	48.840751	-86.930788	56083.04	56250.6	-0.63	56082.41	56116.63281	56034.67802	56094.73828	505078.4	5409755.4
L5080.0	505078.4	5409754.5	4762.60010	311.84	55.84	48.840743	-86.930788	56083.16	56250.6	-0.63	56082.53	56115.77344	56033.41320	56092.82031	505078.4	5409754.5
L5080.0	505078.4	5409754.5	4762.70020	312.54	64.93	48.840743	-86.930788	56083.19	56250.6	-0.63	56082.56	56114.80859	56029.14529	56087.88281	505078.4	5409754.5
L5080.0	505078.4	5409753.5	4762.79981	313.74	64.93	48.840734	-86.930788	56083.36	56250.6	-0.63	56082.73	56113.96484	56027.31104	56085.35938	505078.4	5409753.5
L5080.0	505078.5	5409752.2	4762.89990	314.29	57.54	48.840722	-86.930788	56083.54	56250.6	-0.63	56082.91	56113.11328	56024.78877	56082.12891	505078.5	5409752.2
L5080.0	505078.5	5409752.2	4763.00000	316.08	57.44	48.840722	-86.930788	56083.79	56250.6	-0.63	56083.16	56112.31641	56022.99753	56079.60938	505078.5	5409752.2
L5080.0	505078.4	5409750.3	4763.10010	319.02	57.44	48.840706	-86.930788	56084.02	56250.6	-0.63	56083.40	56111.48828	56019.96325	56075.82813	505078.4	5409750.3
L5080.0	505078.4	5409750.3	4763.20020	319.32	55.7	48.840706	-86.930788	56084.36	56250.6	-0.62	56083.73	56110.73438	56018.09536	56073.19141	505078.4	5409750.3
L5080.0	505078.4	5409749.3	4763.29981	321.85	58.23	48.840696	-86.930788	56084.68	56250.6	-0.62	56084.06	56109.96094	56015.16159	56069.46875	505078.4	5409749.3
L5080.0	505078.4	5409748.4	4763.39990	319.70	58.83	48.840689	-86.930788	56085.06	56250.6	-0.61	56084.44	56109.21875	56012.35821	56065.85156	505078.4	5409748.4
L5080.0	505078.4	5409747.5	4763.50000	319.41	58.83	48.840680	-86.930788	56085.41	56250.6	-0.61	56084.80	56108.43750	56007.92675	56060.58984	505078.4	5409747.5
L5080.0	505078.4	5409746.3	4763.60010	317.83	56.84	48.840670	-86.930788	56085.87	56250.6	-0.61	56085.26	56107.73828	56004.80889	56056.61719	505078.4	5409746.3
L5080.0	505078.4	5409746.3	4763.70020	316.48	65.51	48.840670	-86.930788	56086.42	56250.6	-0.60	56085.82	56107.12109	56002.98084	56053.91016	505078.4	5409746.3
L5080.0	505078.4	5409745.3	4763.79981	315.71	61.97	48.840660	-86.930789	56087.05	56250.6	-0.60	56086.45	56106.55078	56001.66336	56051.69531	505078.4	5409745.3
L5080.0	505078.4	5409744.2	4763.89990	315.12	59.58	48.840650	-86.930789	56087.74	56250.6	-0.59	56087.15	56106.03516	56000.81542	56049.92578	505078.4	5409744.2
L5080.0	505078.4	5409744.2	4764.00000	314.96	59.58	48.840650	-86.930789	56088.52	56250.6	-0.59	56087.93	56105.57813	56000.63295	56048.79688	505078.4	5409744.2
L5080.0	505078.4	5409742.0	4764.10010	315.09	57.54	48.840631	-86.930789	56089.40	56250.6	-0.59	56088.82	56105.21094	56001.78001	56048.97656	505078.4	5409742.0
L5080.0	505078.4	5409741.0	4764.20020	314.89	57.54	48.840622	-86.930789	56090.25	56250.6	-0.58	56089.66	56104.77344	56000.29062	56046.50000	505078.4	5409741.0
L5080.0	505078.4	5409741.0	4764.29981	315.26	65.67	48.840622	-86.930789	56091.25	56250.6	-0.58	56090.67	56104.48828	56001.46398	56046.65625	505078.4	5409741.0
L5080.0	505078.3	5409739.8	4764.39990	315.63	65.67	48.840610	-86.930790	56092.27	56250.6	-0.58	56091.69	56104.19141	56001.33730	56045.49219	505078.3	5409739.8
L5080.0	505078.3	5409738.7	4764.50000	316.19	65.61	48.840601	-86.930790	56093.40	56250.6	-0.57	56092.83	56103.99609	56002.46852	56045.56250	505078.3	5409738.7
L5080.0	505078.3	5409737.6	4764.60010	315.39	65.61	48.840591	-86.930790	56094.57	56250.6	-0.57	56093.99	56103.80078	56002.38564	56044.39453	505078.3	5409737.6
L5080.0	505078.3	5409736.4	4764.70020	313.08	65.78	48.840581	-86.930790	56095.90	56250.6	-0.57	56095.33	56103.76563	56004.77545	56045.67578	505078.3	5409736.4
L5080.0	505078.3	5409735.3	4764.79981	312.75	65.53	48.840571	-86.930790	56097.32	56250.6	-0.57	56096.76	56103.79688	56007.41447	56047.17969	505078.3	5409735.3
L5080.0	505078.3	5409735.3	4764.89990	314.56	65.15	48.840571	-86.930791	56098.77	56250.6	-0.56	56098.21	56103.83203	56008.59015	56047.19922	505078.3	5409735.3
L5080.0	505078.3	5409734.4	4765.00000	311.53	65.15	48.840562	-86.930791	56100.39	56250.6	-0.56	56099.83	56104.01563	56011.72387	56049.14844	505078.3	5409734.4
L5080.0	505078.2	5409733.2	4765.10010	312.29	58.88	48.840551	-86.930791	56102.06	56250.6	-0.56	56101.50	56104.23047	56013.98982	56050.21094	505078.2	5409733.2
L5080.0	505078.2	5409732.1	4765.20020	314.76	65.02	48.840541	-86.930791	56103.81	56250.6	-0.56	56103.25	56104.50781	56016.04907	56051.03906	505078.2	5409732.1
L5080.0	505078.2	5409730.9	4765.29981	314.74	65.02	48.840531	-86.930792	56105.60	56250.6	-0.55	56105.04	56104.80078	56016.94541	56050.68359	505078.2	5409730.9
L5080.0	505078.2	5409730.1	4765.39990	313.79	63.12	48.840523	-86.930792	56107.57	56250.6	-0.55	56107.01	56105.25781	56019.86901	56052.32813	505078.2	5409730.1
L5080.0	505078.2	5409728.8	4765.50000	314.49	66.03	48.840511	-86.930792	56109.54	56250.6	-0.55	56108.99	56105.70313	56020.86276	56052.01953	505078.2	5409728.8
L5080.0	505078.2	5409728.2	4765.60010	315.50	66.03	48.840506	-86.930792	56111.67	56250.5	-0.55	56111.12	56106.28125	56023.13306	56052.96484	505078.2	5409728.2
L5080.0	505078.2	5409728.2	4765.70020	315.41	57.44	48.840506	-86.930792	56113.89	56250.5	-0.55	56113.35	56106.94141	56025.50294	56053.98438	505078.2	5409728.2
L5080.0	505078.1	5409726.8	4765.79981	316.93	66.36	48.840494	-86.930793	56116.12	56250.5	-0.54	56115.57	56107.57031	56025.37722	56052.48438	505078.1	5409726.8
L5080.0	505078.1	5409725.8	4765.89990	317.38	65.9	48.840485	-86.930793	56118.50	56250.5	-0.54	56117.96	56108.35156	56026.92588	56052.63672	505078.1	5409725.8
L5080.0	505078.1	5409724.6	4766.00000	317.80	65.9	48.840474	-86.930793	56120.94	56250.5	-0.54	56120.40	56109.16406	56027.31565	56051.60547	505078.1	5409724.6
L5080.0	505078.1	5409723.5	4766.10010	317.23	57.71	48.840464	-86.930794	56123.56	56250.5	-0.54	56123.02	56110.13672	56029.58405	56052.42969	505078.1	5409723.5
L5080.0	505078.1	5409722.2	4766.20020	316.14	57.71	48.840453	-86.930794	56126.19	56250.5	-0.54	56125.65	56111.10547	56029.69300	56051.07031	505078.1	5409722.2
L5080.0	505078.1	5409722.2	4766.29981	316.37	54.69	48.840453	-86.930794	56128.92	56250.5	-0.54	56128.38	56112.15234	56029.74142	56049.63281	505078.1	5409722.2
L5080.0	505078.0	5409720.7	4766.39990	314.67	52.7	48.840439	-86.930794	56131.86	56250.5	-0.54	56131.32	56113.39453	56032.33426	56050.71484	505078.0	5409720.7
L5080.0	505078.0	5409719.2	4766.50000	313.80	52.7	48.840425	-86.930794	56134.71	56250.5	-0.54	56134.17	56114.53125	56030.28931	56047.13281	505078.0	5409719.2
L5080.0	505078.0	5409719.2	4766.60010	315.46	55.02	48.840425	-86.930794	56137.77	56250.5	-0.54	56137.23	56115.85938	56030.73342	56046.02344	505078.0	5409719.2
L5080.0	505078.0	5409718.0	4766.70020	316.03	55.02	48.840414	-86.930794	56140.95	56250.5	-0.54	56140.41	56117.28906	56031.49371	56045.20703	505078.0	5409718.0
L5080.0	505078.0	5409716.8	4766.79981	314.15	56.05	48.840404	-86.930794	56144.25	56250.5	-0.54	56143.71	56118.82813	56032.54325	56044.66016	505078.0	5409716.8
L5080.0	505078.0	5409716.8	4766.89990	315.43	61.12	48.840404	-86.930794	56147.58	56250.5	-0.54	56147.04	56120.37500	56031.66555	56042.16406	505078.0	5409716.8
L5080.0	505078.0	5409715.2	4767.00000	314.79	61.12	48.840390	-86.930794	56151.02	56250.5	-0.54	56150.48	56122.02344	56030.74131	56039.60156	505078.0	5409715.2
L5080.0	505078.0	5409714.0	4767.10010	314.95	59.86	48.840379	-86.930794	56154.62	56250.5	-0.54	56154.08	56123.81250	56030.94460	56038.14453	505078.0	5409714.0
L5080.0	505078.0	5409712.8	4767.20020	315.62	59.86	48.840368	-86.930794	56158.42	56250.5	-0.53	56157.88	56125.78906	56033.21832	56038.73828	505078.0	5409712.8
L5080.0	505078.1	5409711.6	4767.29981	316.45	64.55	48.840357	-86.930794	56162.46	56250.5	-0.53	56161.93	56128.00391	56038.84031	56042.66406	505078.1	5409711.6
L5080.0	505078.1	5409711.6	4767.39990	315.97	64.55	48.840357	-86.930794	56166.51	56250.5	-0.53	56165.98	56130.20313	56041.67564	56043.78516	505078.1	5409711.6
L5080.0	505078.1	5409710.8	4767.50000	316.56	55.83	48.840350	-86.930794	56170.83	56250.5	-0.53	56170.30	56132.66016	56048.46855	56048.84375	505078.1	5409710.8
L5080.0	505078.1	5409709.2	4767.60010	316.74	53.57	48.840335	-86.930794	56175.25	56250.5	-0.52	56174.73	56135.21094	56055.29216	56053.91797	505078.1	5409709.2
L5080.0	505078.1	5409708.0	4767.70020	314.74	53.57	48.840325	-86.930793	56179.74	56250.5	-0.52	56179.22	56137.81641	56060.89807	56057.75781	505078.1	5409708.0
L5080.0	505078.1	5409706.9	4767.79981	314.58	60.21	48.840315	-86.930793	56184.41	56250.5	-0.52	56183.89	56140.58594	56068.36375	56063.44141	505078.1	5409706.9
L5080.0	505078.2	5409705.5	4767.89990	314.94	60.21	48.840302	-86.930793	56189.25	56250.5	-0.51	56188.73	56143.51953	56077.48371	56070.76172	505078.2	5409705.5
L5080.0	505078.2	5409705.5	4768.00000	313.93	54.27	48.840302	-86.930793	56194.08	56250.5	-0.51	56193.57	56146.43750	56083.87035	56075.33203	505078.2	5409705.5
L5080.0	505078.2	5409704.0	4768.10010	314.91	55.61	48.840289	-86.930792	56199.14	56250.5	-0.51	56198.63	56149.57031	56093.22580	56082.85938	505078.2	5409704.0
L5080.0	505078.2	5409702.6	4768.20020	316.80	55.61	48.840276	-86.930792	56204.20	56250.5	-0.51	56203.69	56152.69141	56099.80534	56087.59766	505078.2	5409702.6
L5080.0	505078.3	5409701.5	4768.29981	317.91	55.32	48.840266	-86.930791	56209.43	56250.5	-0.50	56208.93	56155.98828	56108.30327	56094.24219	505078.3	5409701.5
L5080.0	505078.3	5409701.5	4768.39990	318.65	55.32	48.840266	-86.930791	56214.81	56250.5	-0.50	56214.31	56159.41406	56117.63995	56101.71094	505078.3	5409701.5
L5080.0	505078.3	5409700.1	4768.50000	320.83	51.88	48.840254	-86.930791	56220.28	56250.5	-0.50	56219.78	56162.92188	56126.45614	56108.64844	505078.3	5409700.1
L5080.0	505078.3	5409698.6	4768.60010	320.18	53.87	48.840240	-86.930791	56225.80	56250.5	-0.50	56225.30	56166.47656	56133.66028	56113.96484	505078.3	5409698.6
L5080.0	505078.3	5409698.6	4768.70020	320.14	53.87	48.840240	-86.930791	56231.41	56250.5	-0.50	56230.92	56170.12500	56140.52455	56118.92578	505078.3	5409698.6
L5080.0	505078.3	5409697.3	4768.79981	318.87	52.27	48.840229	-86.930791	56237.16	56250.5	-0.49	56236.66	56173.88672	56147.52864	56124.02344	505078.3	5409697.3
L5080.0	505078.3	5409696.1	4768.89990	319.41	52.01	48.840218	-86.930790	56242.92	56250.5	-0.49	56242.43	56177.67578	56152.31007	56126.88672	505078.3	5409696.1
L5080.0	505078.4	5409694.9	4769.00000	318.09	54.48	48.840207	-86.930790	56248.87	56250.5	-0.49	56248.38	56181.64063	56158.70900	56131.36328	505078.4	5409694.9
L5080.0	505078.4	5409694.9	4769.10010	317.84	54.48	48.840207	-86.930790	56254.89	56250.5	-0.49	56254.40	56185.67188	56163.85216	56134.57422	505078.4	5409694.9
L5080.0	505078.4	5409693.4	4769.20020	315.94	55.52	48.840194	-86.930790	56261.12	56250.5	-0.49	56260.63	56189.91406	56171.24291	56140.02344	505078.4	5409693.4
L5080.0	505078.4	5409691.8	4769.29981	316.11	56.31	48.840179	-86.930790	56267.40	56250.5	-0.49	56266.91	56194.20313	56176.77231	56143.61328	505078.4	5409691.8
L5080.0	505078.4	5409690.7	4769.39990	314.86	56.31	48.840169	-86.930789	56273.88	56250.5	-0.49	56273.39	56198.69141	56184.13769	56149.03125	505078.4	5409690.7
L5080.0	505078.4	5409690.7	4769.50000	314.35	56.46	48.840169	-86.930789	56280.48	56250.5	-0.49	56279.99	56203.29688	56191.26213	56154.20703	505078.4	5409690.7
L5080.0	505078.4	5409689.5	4769.60010	313.01	56.76	48.840158	-86.930789	56287.30	56250.5	-0.49	56286.81	56208.12891	56200.50501	56161.49609	505078.4	5409689.5
L5080.0	505078.4	5409688.1	4769.70020	313.70	56.76	48.840145	-86.930789	56294.22	56250.5	-0.49	56293.73	56213.05859	56208.84638	56167.87891	505078.4	5409688.1
L5080.0	505078.5	5409687.0	4769.79981	312.93	56.5	48.840136	-86.930789	56301.29	56250.5	-0.49	56300.80	56218.14453	56217.42852	56174.50781	505078.5	5409687.0
L5080.0	505078.5	5409687.0	4769.89990	314.22	56.18	48.840136	-86.930789	56308.45	56250.5	-0.49	56307.96	56223.32031	56224.74465	56179.86719	505078.5	5409687.0
L5080.0	505078.5	5409684.5	4770.00000	313.55	55.37	48.840114	-86.930788	56315.73	56250.5	-0.49	56315.24	56228.62500	56231.45029	56184.62109	505078.5	5409684.5
L5080.0	505078.5	5409684.0	4770.10010	314.83	55.37	48.840109	-86.930788	56323.23	56250.5	-0.49	56322.75	56234.16016	56240.05316	56191.26953	505078.5	5409684.0
L5080.0	505078.5	5409682.8	4770.20020	314.14	51.32	48.840098	-86.930788	56330.87	56250.5	-0.48	56330.38	56239.82422	56247.85759	56197.12500	505078.5	5409682.8
L5080.0	505078.5	5409681.6	4770.29981	315.82	53.25	48.840087	-86.930788	56338.65	56250.5	-0.48	56338.17	56245.65234	56255.73761	56203.05859	505078.5	5409681.6
L5080.0	505078.5	5409681.6	4770.39990	316.42	53.25	48.840087	-86.930788	56346.64	56250.5	-0.48	56346.16	56251.69141	56264.57811	56209.96094	505078.5	5409681.6
L5080.0	505078.6	5409680.3	4770.50000	316.11	51.55	48.840076	-86.930788	56354.73	56250.5	-0.47	56354.26	56257.84375	56272.21147	56215.66016	505078.6	5409680.3
L5080.0	505078.6	5409678.8	4770.60010	315.53	51.15	48.840062	-86.930787	56363.02	56250.5	-0.47	56362.55	56264.19922	56280.46565	56221.98828	505078.6	5409678.8
L5080.0	505078.6	5409677.3	4770.70020	313.52	53.16	48.840049	-86.930787	56371.44	56250.5	-0.47	56370.97	56270.69531	56287.87213	56227.47266	505078.6	5409677.3
L5080.0	505078.6	5409676.7	4770.79981	312.93	53.16	48.840043	-86.930787	56380.09	56250.5	-0.47	56379.63	56277.44141	56296.97613	56234.66406	505078.6	5409676.7
L5080.0	505078.6	5409675.4	4770.89990	313.69	52.76	48.840032	-86.930787	56388.85	56250.5	-0.46	56388.39	56284.29688	56304.39571	56240.18359	505078.6	5409675.4
L5080.0	505078.6	5409675.4	4771.00000	313.72	50.71	48.840032	-86.930787	56397.91	56250.5	-0.46	56397.45	56291.46875	56314.83596	56248.73438	505078.6	5409675.4
L5080.0	505078.7	5409674.3	4771.10010	316.29	49.51	48.840022	-86.930786	56407.12	56250.5	-0.46	56406.66	56298.80078	56324.64590	56256.66797	505078.7	5409674.3
L5080.0	505078.7	5409672.0	4771.20020	316.49	49.51	48.840000	-86.930785	56416.52	56250.5	-0.46	56416.06	56306.33984	56334.69788	56264.85156	505078.7	5409672.0
L5080.0	505078.7	5409672.0	4771.29981	316.49	51.16	48.840000	-86.930785	56426.11	56250.5	-0.46	56425.65	56314.08203	56344.91026	56273.21094	505078.7	5409672.0
L5080.0	505078.7	5409670.9	4771.39990	316.37	45.91	48.839991	-86.930785	56435.84	56250.5	-0.46	56435.38	56321.98047	56353.98416	56280.44922	505078.7	5409670.9
L5080.0	505078.8	5409669.6	4771.50000	315.68	48.57	48.839980	-86.930785	56445.89	56250.5	-0.46	56445.43	56330.21484	56366.14080	56290.78516	505078.8	5409669.6

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5080.0	505078.8	5409668.5	4771.60010	317.02	48.57	48.839969	-86.930785	56456.04	56250.5	-0.46	56455.58	56338.57031	56376.00520	56298.84375	505078.8	5409668.5
L5080.0	505078.8	5409667.5	4771.70020	317.22	47.07	48.839960	-86.930784	56466.48	56250.5	-0.46	56466.02	56347.23047	56388.02899	56309.07813	505078.8	5409667.5
L5080.0	505078.8	5409666.6	4771.79981	315.31	48.7	48.839952	-86.930784	56477.10	56250.5	-0.46	56476.64	56356.09375	56399.49081	56318.76953	505078.8	5409666.6
L5080.0	505078.8	5409665.4	4771.89990	314.70	47.44	48.839942	-86.930784	56487.97	56250.5	-0.46	56487.51	56365.22656	56411.97884	56329.50781	505078.8	5409665.4
L5080.0	505078.9	5409664.2	4772.00000	315.37	47.44	48.839930	-86.930783	56499.13	56250.5	-0.46	56498.67	56374.66797	56426.35922	56342.16016	505078.9	5409664.2
L5080.0	505078.9	5409662.9	4772.10010	315.04	49.26	48.839919	-86.930783	56510.51	56250.5	-0.46	56510.05	56384.35156	56440.90996	56355.00391	505078.9	5409662.9
L5080.0	505078.9	5409661.8	4772.20020	314.08	49.59	48.839909	-86.930783	56522.12	56250.5	-0.46	56521.66	56394.28906	56455.82187	56368.22656	505078.9	5409661.8
L5080.0	505078.9	5409660.7	4772.29981	315.20	46.87	48.839899	-86.930783	56534.01	56250.5	-0.46	56533.55	56404.53125	56472.23376	56382.97656	505078.9	5409660.7
L5080.0	505079.0	5409659.4	4772.39990	313.65	46.87	48.839888	-86.930782	56546.11	56250.5	-0.46	56545.65	56415.00391	56488.49834	56397.60547	505079.0	5409659.4
L5080.0	505079.0	5409659.4	4772.50000	313.99	44.09	48.839888	-86.930782	56558.43	56250.5	-0.45	56557.98	56425.73828	56505.10218	56412.59766	505079.0	5409659.4
L5080.0	505079.0	5409658.1	4772.60010	313.22	44.48	48.839876	-86.930782	56571.12	56250.5	-0.45	56570.66	56436.84375	56524.86718	56430.77344	505079.0	5409658.1
L5080.0	505079.0	5409656.8	4772.70020	312.60	44.48	48.839864	-86.930782	56583.95	56250.5	-0.45	56583.50	56448.13672	56543.45546	56447.79688	505079.0	5409656.8
L5080.0	505079.0	5409655.7	4772.79981	312.13	45.71	48.839855	-86.930782	56596.96	56250.5	-0.45	56596.51	56459.62500	56561.20862	56464.01953	505079.0	5409655.7
L5080.0	505079.0	5409654.4	4772.89990	313.09	46.97	48.839843	-86.930781	56610.29	56250.5	-0.45	56609.83	56471.45313	56581.50390	56482.81250	505079.0	5409654.4
L5080.0	505079.0	5409653.1	4773.00000	312.27	45.01	48.839831	-86.930781	56623.72	56250.4	-0.45	56623.27	56483.42969	56600.11256	56499.94531	505079.0	5409653.1
L5080.0	505079.0	5409653.1	4773.10010	315.26	45.29	48.839831	-86.930781	56637.24	56250.4	-0.44	56636.79	56495.51953	56616.30007	56514.68750	505079.0	5409653.1
L5080.0	505079.0	5409651.5	4773.20020	314.62	45.29	48.839817	-86.930781	56651.15	56250.4	-0.44	56650.71	56508.03516	56637.72594	56534.69531	505079.0	5409651.5
L5080.0	505079.0	5409650.0	4773.29981	314.81	43.75	48.839803	-86.930781	56665.22	56250.4	-0.43	56664.78	56520.73438	56658.86571	56554.45313	505079.0	5409650.0
L5080.0	505079.0	5409649.4	4773.39990	314.70	41.22	48.839797	-86.930781	56679.63	56250.4	-0.43	56679.20	56533.81250	56684.69465	56578.93359	505079.0	5409649.4
L5080.0	505079.0	5409648.3	4773.50000	315.49	44.22	48.839788	-86.930782	56694.31	56250.4	-0.43	56693.88	56547.18750	56713.48133	56606.40625	505079.0	5409648.3
L5080.0	505079.0	5409647.0	4773.60010	314.60	44.22	48.839776	-86.930782	56709.18	56250.4	-0.42	56708.76	56560.79297	56744.21653	56635.85547	505079.0	5409647.0
L5080.0	505079.0	5409647.0	4773.70020	315.71	40.84	48.839776	-86.930782	56724.14	56250.4	-0.42	56723.73	56574.51953	56774.74163	56665.12891	505079.0	5409647.0
L5080.0	505079.0	5409645.4	4773.79981	315.90	41.17	48.839762	-86.930782	56739.24	56250.4	-0.41	56738.83	56588.41406	56806.44111	56695.60938	505079.0	5409645.4
L5080.0	505079.0	5409644.1	4773.89990	315.14	41.17	48.839750	-86.930782	56754.38	56250.4	-0.40	56753.97	56602.38281	56837.68425	56725.67969	505079.0	5409644.1
L5080.0	505079.0	5409642.8	4774.00000	315.41	41.58	48.839738	-86.930782	56769.70	56250.4	-0.40	56769.30	56616.57813	56872.49891	56759.35547	505079.0	5409642.8
L5080.0	505079.0	5409642.8	4774.10010	317.10	40.56	48.839738	-86.930782	56784.87	56250.4	-0.40	56784.47	56630.64844	56903.23304	56788.98438	505079.0	5409642.8
L5080.0	505079.0	5409641.4	4774.20020	316.84	42.82	48.839726	-86.930782	56800.11	56250.4	-0.40	56799.71	56644.82422	56935.87264	56820.55078	505079.0	5409641.4
L5080.0	505079.0	5409640.1	4774.29981	316.50	42.82	48.839713	-86.930782	56815.48	56250.4	-0.41	56815.07	56659.15625	56972.18544	56855.83594	505079.0	5409640.1
L5080.0	505079.0	5409638.9	4774.39990	315.69	42.82	48.839703	-86.930783	56830.86	56250.4	-0.41	56830.45	56673.55078	57010.47146	56893.13281	505079.0	5409638.9
L5080.0	505078.9	5409637.5	4774.50000	315.26	40.07	48.839691	-86.930783	56846.10	56250.4	-0.41	56845.69	56687.83984	57047.71808	56929.43359	505078.9	5409637.5
L5080.0	505078.9	5409636.2	4774.60010	313.52	40.07	48.839679	-86.930783	56861.12	56250.4	-0.41	56860.71	56701.94922	57082.83709	56963.64063	505078.9	5409636.2
L5080.0	505078.9	5409635.0	4774.70020	313.14	38.78	48.839668	-86.930784	56876.03	56250.4	-0.41	56875.61	56715.97656	57118.90103	56998.82813	505078.9	5409635.0
L5080.0	505078.9	5409635.0	4774.79981	313.34	38.36	48.839668	-86.930784	56890.46	56250.4	-0.42	56890.05	56729.58203	57149.17704	57028.27344	505078.9	5409635.0
L5080.0	505078.8	5409633.3	4774.89990	312.50	36.26	48.839653	-86.930785	56904.99	56250.4	-0.42	56904.57	56743.30859	57186.65826	57064.96875	505078.8	5409633.3
L5080.0	505078.8	5409632.2	4775.00000	313.88	36.26	48.839643	-86.930785	56919.34	56250.4	-0.42	56918.92	56756.90625	57226.61537	57104.17969	505078.8	5409632.2
L5080.0	505078.8	5409631.3	4775.10010	315.63	40.54	48.839634	-86.930785	56933.45	56250.4	-0.42	56933.02	56770.29688	57268.25104	57145.10938	505078.8	5409631.3
L5080.0	505078.7	5409629.8	4775.20020	314.42	40.54	48.839621	-86.930786	56947.04	56250.4	-0.43	56946.62	56783.22266	57307.18504	57183.37500	505078.7	5409629.8
L5080.0	505078.7	5409628.7	4775.29981	314.35	40.29	48.839611	-86.930787	56960.31	56250.4	-0.43	56959.88	56795.85547	57347.99067	57223.55469	505078.7	5409628.7
L5080.0	505078.7	5409628.2	4775.39990	312.31	40	48.839607	-86.930787	56973.02	56250.4	-0.43	56972.59	56807.97656	57387.27094	57262.26172	505078.7	5409628.2
L5080.0	505078.6	5409626.4	4775.50000	310.92	40	48.839591	-86.930788	56985.31	56250.4	-0.43	56984.88	56819.72266	57428.93758	57303.39453	505078.6	5409626.4
L5080.0	505078.6	5409625.1	4775.60010	311.45	39.96	48.839579	-86.930788	56996.87	56250.4	-0.44	56996.43	56830.76953	57467.34300	57341.30469	505078.6	5409625.1
L5080.0	505078.6	5409625.1	4775.70020	311.61	39.7	48.839579	-86.930788	57007.56	56250.4	-0.44	57007.12	56840.99609	57501.02290	57374.53125	505078.6	5409625.1
L5080.0	505078.5	5409622.6	4775.79981	311.24	39.7	48.839557	-86.930789	57017.29	56250.4	-0.44	57016.85	56850.30859	57528.73903	57401.83984	505078.5	5409622.6
L5080.0	505078.5	5409622.6	4775.89990	312.74	40.27	48.839557	-86.930789	57026.31	56250.4	-0.45	57025.86	56858.94141	57556.23207	57428.97266	505078.5	5409622.6
L5080.0	505078.4	5409621.3	4776.00000	311.29	40.38	48.839545	-86.930790	57035.14	56250.4	-0.45	57034.69	56867.44141	57595.82771	57468.25391	505078.4	5409621.3
L5080.0	505078.4	5409620.0	4776.10010	311.46	40.38	48.839533	-86.930791	57043.40	56250.4	-0.45	57042.95	56875.41016	57639.89951	57512.05078	505078.4	5409620.0
L5080.0	505078.4	5409618.5	4776.20020	311.49	39.66	48.839519	-86.930791	57050.94	56250.4	-0.45	57050.49	56882.70313	57685.80933	57557.72266	505078.4	5409618.5
L5080.0	505078.4	5409618.5	4776.29981	313.41	35.91	48.839519	-86.930791	57057.59	56250.4	-0.45	57057.14	56889.14844	57730.23599	57601.96094	505078.4	5409618.5
L5080.0	505078.3	5409616.7	4776.39990	314.53	35.91	48.839503	-86.930792	57063.34	56250.4	-0.45	57062.89	56894.74219	57773.19797	57644.78125	505078.3	5409616.7
L5080.0	505078.3	5409615.1	4776.50000	315.23	36.41	48.839489	-86.930792	57067.97	56250.4	-0.44	57067.53	56899.26563	57810.12818	57681.61719	505078.3	5409615.1
L5080.0	505078.3	5409615.1	4776.60010	314.51	35.74	48.839489	-86.930792	57071.60	56250.4	-0.44	57071.15	56902.81250	57843.05701	57714.48828	505078.3	5409615.1
L5080.0	505078.3	5409614.0	4776.70020	315.47	35.74	48.839479	-86.930792	57074.18	56250.4	-0.44	57073.73	56905.36328	57871.44134	57742.85547	505078.3	5409614.0
L5080.0	505078.3	5409612.7	4776.79981	316.79	36.98	48.839467	-86.930793	57075.46	56250.4	-0.44	57075.02	56906.66406	57889.30976	57760.75000	505078.3	5409612.7
L5080.0	505078.3	5409612.7	4776.89990	316.97	34.36	48.839467	-86.930793	57075.77	56250.4	-0.44	57075.33	56907.03516	57903.81964	57775.33984	505078.3	5409612.7
L5080.0	505078.2	5409611.1	4777.00000	317.90	32.25	48.839453	-86.930793	57075.13	56250.4	-0.44	57074.69	56906.49609	57915.59340	57787.23438	505078.2	5409611.1
L5080.0	505078.2	5409609.7	4777.10010	318.36	32.25	48.839441	-86.930793	57073.36	56250.4	-0.44	57072.91	56904.85938	57919.86376	57791.66406	505078.2	5409609.7
L5080.0	505078.3	5409608.1	4777.20020	318.58	37.18	48.839426	-86.930792	57070.54	56250.4	-0.44	57070.09	56902.22266	57918.75469	57790.75391	505078.3	5409608.1
L5080.0	505078.3	5409606.3	4777.29981	317.05	36.56	48.839410	-86.930792	57066.71	56250.4	-0.45	57066.26	56898.62109	57912.64911	57784.89063	505078.3	5409606.3
L5080.0	505078.3	5409606.3	4777.39990	317.47	36.56	48.839410	-86.930792	57062.38	56250.4	-0.45	57061.93	56894.56641	57913.68681	57786.21875	505078.3	5409606.3
L5080.0	505078.3	5409605.2	4777.50000	316.71	36.56	48.839400	-86.930792	57056.97	56250.4	-0.45	57056.52	56889.47266	57907.07926	57779.94531	505078.3	5409605.2
L5080.0	505078.3	5409603.6	4777.60010	316.67	34.99	48.839385	-86.930792	57050.38	56250.5	-0.45	57049.93	56883.23828	57889.66887	57762.90625	505078.3	5409603.6
L5080.0	505078.3	5409603.6	4777.70020	315.90	33.91	48.839385	-86.930792	57042.27	56250.5	-0.45	57041.81	56875.51563	57852.20304	57725.84766	505078.3	5409603.6
L5080.0	505078.3	5409601.7	4777.79981	315.42	33.91	48.839369	-86.930792	57033.08	56250.5	-0.46	57032.62	56866.76172	57805.70235	57679.79297	505078.3	5409601.7
L5080.0	505078.4	5409600.1	4777.89990	314.83	30.56	48.839354	-86.930791	57022.77	56250.5	-0.46	57022.32	56856.94531	57748.72440	57623.31250	505078.4	5409600.1
L5080.0	505078.4	5409600.1	4778.00000	313.87	30.56	48.839354	-86.930791	57012.14	56250.5	-0.46	57011.68	56846.82813	57699.72620	57574.85156	505078.4	5409600.1
L5080.0	505078.4	5409598.5	4778.10010	315.20	31.72	48.839340	-86.930791	57000.99	56250.5	-0.46	57000.53	56836.24219	57653.83317	57529.53125	505078.4	5409598.5
L5080.0	505078.4	5409597.2	4778.20020	314.18	31.72	48.839328	-86.930791	56989.48	56250.5	-0.46	56989.01	56825.32422	57613.69079	57489.99219	505078.4	5409597.2
L5080.0	505078.4	5409596.0	4778.29981	315.18	31.74	48.839318	-86.930791	56977.12	56250.5	-0.47	56976.65	56813.60547	57567.07020	57444.01563	505078.4	5409596.0
L5080.0	505078.4	5409594.7	4778.39990	315.90	31.74	48.839305	-86.930791	56964.09	56250.5	-0.47	56963.62	56801.26172	57517.34821	57394.98438	505078.4	5409594.7
L5080.0	505078.4	5409594.7	4778.50000	315.85	31.15	48.839305	-86.930791	56949.82	56250.5	-0.47	56949.35	56787.71484	57450.14154	57328.50391	505078.4	5409594.7
L5080.0	505078.4	5409593.0	4778.60010	315.57	31.88	48.839290	-86.930791	56934.50	56250.5	-0.47	56934.03	56773.15234	57369.43335	57248.55859	505078.4	5409593.0
L5080.0	505078.4	5409591.6	4778.70020	316.20	32.56	48.839277	-86.930791	56917.54	56250.5	-0.47	56917.06	56756.98047	57260.43479	57140.34766	505078.4	5409591.6
L5080.0	505078.4	5409590.0	4778.79981	315.85	32.56	48.839263	-86.930791	56899.71	56250.5	-0.48	56899.24	56739.99609	57141.39952	57022.14063	505078.4	5409590.0
L5080.0	505078.4	5409590.0	4778.89990	315.86	32.82	48.839263	-86.930791	56881.99	56250.5	-0.48	56881.51	56723.14063	57033.23973	56914.85156	505078.4	5409590.0
L5080.0	505078.4	5409587.6	4779.00000	316.90	32.82	48.839242	-86.930791	56865.68	56250.5	-0.48	56865.20	56707.74219	56965.36543	56847.87891	505078.4	5409587.6
L5080.0	505078.4	5409587.6	4779.10010	315.75	30.22	48.839242	-86.930791	56850.09	56250.5	-0.48	56849.61	56693.09766	56919.91832	56803.36719	505078.4	5409587.6
L5080.0	505078.4	5409586.3	4779.20020	313.95	30.13	48.839230	-86.930791	56835.50	56250.5	-0.49	56835.01	56679.47656	56901.58442	56785.99219	505078.4	5409586.3
L5080.0	505078.4	5409585.0	4779.29981	313.52	30.13	48.839218	-86.930791	56821.18	56250.5	-0.49	56820.69	56666.17188	56892.81761	56778.21875	505078.4	5409585.0
L5080.0	505078.4	5409583.4	4779.39990	313.56	32.81	48.839204	-86.930790	56806.88	56250.5	-0.49	56806.39	56652.92188	56886.65977	56773.09375	505078.4	5409583.4
L5080.0	505078.4	5409583.4	4779.50000	312.04	33.06	48.839204	-86.930790	56791.84	56250.5	-0.50	56791.35	56638.96875	56865.27384	56752.76953	505078.4	5409583.4
L5080.0	505078.4	5409582.1	4779.60010	312.83	33.06	48.839192	-86.930790	56776.38	56250.5	-0.50	56775.88	56624.61328	56834.99206	56723.57813	505078.4	5409582.1
L5080.0	505078.5	5409581.0	4779.70020	313.69	33.05	48.839182	-86.930790	56760.61	56250.5	-0.50	56760.11	56609.99219	56798.04873	56687.74609	505078.5	5409581.0
L5080.0	505078.5	5409579.5	4779.79981	312.82	33.08	48.839169	-86.930790	56745.01	56250.5	-0.50	56744.50	56595.56250	56763.83746	56654.67578	505078.5	5409579.5
L5080.0	505078.5	5409579.5	4779.89990	312.14	33.08	48.839169	-86.930790	56729.40	56250.5	-0.51	56728.89	56581.16406	56728.09209	56620.10547	505078.5	5409579.5
L5080.0	505078.5	5409578.0	4780.00000	312.28	33.02	48.839155	-86.930790	56714.11	56250.5	-0.51	56713.60	56567.11719	56697.02943	56590.25000	505078.5	5409578.0
L5080.0	505078.5	5409576.8	4780.10010	313.38	31.46	48.839145	-86.930790	56699.08	56250.5	-0.51	56698.57	56553.36328	56668.63971	56563.08203	505078.5	5409576.8
L5080.0	505078.5	5409575.5	4780.20020	312.63	30.06	48.839133	-86.930790	56684.47	56250.5	-0.51	56683.96	56540.05078	56645.75281	56541.44141	505078.5	5409575.5
L5080.0	505078.5	5409574.2	4780.29981	312.14	30.06	48.839121	-86.930790	56670.27	56250.5	-0.51	56669.75	56527.16797	56627.39031	56524.34766	505078.5	5409574.2
L5080.0	505078.5	5409572.5	4780.39990	312.32	31.66	48.839106	-86.930790	56656.40	56250.5	-0.51	56655.89	56514.66406	56612.01461	56510.26953	505078.5	5409572.5
L5080.0	505078.5	5409571.7	4780.50000	311.73	29.27	48.839099	-86.930790	56642.60	56250.5	-0.51	56642.08	56502.23828	56592.72430	56492.30469	505078.5	5409571.7
L5080.0	505078.5	5409571.7	4780.60010	311.54	30.99	48.839099	-86.930790	56629.05	56250.5	-0.52	56628.53	56490.09766	56573.70074	56474.62109	505078.5	5409571.7
L5080.0	505078.5	5409570.6	4780.70020	311.68	30.99	48.839089	-86.930790	56615.61	56250.5	-0.52	56615.09	56478.09375	56551.34685	56453.62500	505078.5	5409570.6
L5080.0	505078.5	5409568.9	4780.79981	311.38	33.52	48.839073	-86.930790	56602.56	56250.5	-0.52	56602.04	56466.50000	56531.52384	56435.17578	505078.5	5409568.9

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5080.0	505078.5	5409568.2	4780.89990	313.21	31.54	48.839067	-86.930790	56589.75	56250.5	-0.52	56589.23	56455.17188	56510.74653	56415.80078	505078.5	5409568.2
L5080.0	505078.5	5409566.9	4781.00000	313.93	31.81	48.839055	-86.930790	56577.45	56250.5	-0.52	56576.93	56444.37891	56494.86080	56401.33594	505078.5	5409566.9
L5080.0	505078.4	5409566.0	4781.10010	314.50	31.81	48.839048	-86.930791	56565.45	56250.5	-0.53	56564.92	56433.89453	56478.90530	56386.81641	505078.4	5409566.0
L5080.0	505078.4	5409564.6	4781.20020	316.60	30.74	48.839035	-86.930791	56553.91	56250.5	-0.53	56553.38	56423.90234	56466.85735	56376.21484	505078.4	5409564.6
L5080.0	505078.4	5409563.4	4781.29981	316.36	23.11	48.839024	-86.930791	56542.61	56250.5	-0.54	56542.07	56414.15625	56453.30673	56364.12500	505078.4	5409563.4
L5080.0	505078.4	5409562.5	4781.39990	317.25	27.47	48.839016	-86.930791	56531.66	56250.5	-0.55	56531.11	56404.78516	56440.95015	56353.25000	505078.4	5409562.5
L5080.0	505078.4	5409562.5	4781.50000	316.50	27.47	48.839016	-86.930791	56520.96	56250.6	-0.55	56520.41	56395.69141	56427.77737	56341.57813	505078.4	5409562.5
L5080.0	505078.4	5409561.2	4781.60010	317.63	33.98	48.839004	-86.930791	56510.61	56250.6	-0.56	56510.05	56386.95703	56415.66252	56330.96875	505078.4	5409561.2
L5080.0	505078.4	5409559.9	4781.70020	314.77	31.82	48.838992	-86.930791	56500.53	56250.6	-0.57	56499.96	56378.50781	56403.09496	56319.91406	505078.4	5409559.9
L5080.0	505078.4	5409558.5	4781.79981	314.54	31.82	48.838980	-86.930791	56490.81	56250.6	-0.58	56490.23	56370.43359	56392.23388	56310.57813	505078.4	5409558.5
L5080.0	505078.4	5409557.2	4781.89990	312.93	30.28	48.838969	-86.930791	56481.34	56250.6	-0.58	56480.75	56362.62500	56380.69223	56300.57813	505078.4	5409557.2
L5080.0	505078.4	5409556.0	4782.00000	314.29	30.28	48.838957	-86.930791	56472.15	56250.6	-0.59	56471.56	56355.12500	56369.50959	56290.94922	505078.4	5409556.0
L5080.0	505078.4	5409556.0	4782.10010	313.04	31.36	48.838957	-86.930791	56463.29	56250.6	-0.59	56462.70	56347.96484	56359.73848	56282.73438	505078.4	5409556.0
L5080.0	505078.5	5409554.4	4782.20020	314.42	30.59	48.838943	-86.930791	56454.69	56250.6	-0.59	56454.10	56341.07813	56349.93941	56274.49609	505078.5	5409554.4
L5080.0	505078.5	5409553.1	4782.29981	313.61	30.59	48.838931	-86.930790	56446.42	56250.6	-0.60	56445.83	56334.53125	56341.84674	56267.97266	505078.5	5409553.1
L5080.0	505078.5	5409551.8	4782.39990	314.14	32.59	48.838919	-86.930790	56438.34	56250.6	-0.60	56437.74	56328.17578	56332.23795	56259.94141	505078.5	5409551.8
L5080.0	505078.5	5409550.4	4782.50000	312.30	34.08	48.838907	-86.930790	56430.57	56250.6	-0.60	56429.97	56322.15234	56324.41877	56253.70703	505078.5	5409550.4
L5080.0	505078.5	5409550.4	4782.60010	313.68	31.09	48.838907	-86.930790	56423.02	56250.6	-0.60	56422.42	56316.35938	56316.29565	56247.17188	505078.5	5409550.4
L5080.0	505078.5	5409548.1	4782.70020	312.59	33.59	48.838886	-86.930790	56415.77	56250.6	-0.60	56415.17	56310.87500	56309.77770	56242.23828	505078.5	5409548.1
L5080.0	505078.5	5409548.1	4782.79981	313.24	33.59	48.838886	-86.930790	56408.75	56250.6	-0.61	56408.15	56305.62500	56303.44380	56237.49219	505078.5	5409548.1
L5080.0	505078.5	5409546.7	4782.89990	314.41	36.04	48.838873	-86.930790	56401.99	56250.6	-0.61	56401.38	56300.63281	56297.85348	56233.50000	505078.5	5409546.7
L5080.0	505078.5	5409545.3	4783.00000	314.64	36.49	48.838861	-86.930789	56395.41	56250.6	-0.61	56394.80	56295.83984	56291.85830	56229.10156	505078.5	5409545.3
L5080.0	505078.6	5409543.9	4783.10010	315.23	37.47	48.838848	-86.930789	56389.18	56250.6	-0.61	56388.57	56291.40234	56289.03955	56227.87891	505078.6	5409543.9
L5080.0	505078.6	5409543.9	4783.20020	314.48	37.47	48.838848	-86.930789	56383.03	56250.6	-0.62	56382.41	56287.03516	56283.55177	56223.98438	505078.6	5409543.9
L5080.0	505078.6	5409542.1	4783.29981	313.82	32.81	48.838832	-86.930789	56377.24	56250.6	-0.62	56376.62	56283.04297	56281.90509	56223.92578	505078.6	5409542.1
L5080.0	505078.6	5409540.4	4783.39990	314.02	32.21	48.838817	-86.930789	56371.54	56250.6	-0.63	56370.92	56279.14453	56278.30676	56221.92188	505078.6	5409540.4
L5080.0	505078.6	5409539.2	4783.50000	313.13	32.21	48.838806	-86.930789	56366.14	56250.6	-0.63	56365.51	56275.53906	56277.07187	56222.28125	505078.6	5409539.2
L5080.0	505078.6	5409538.0	4783.60010	312.54	35.25	48.838796	-86.930789	56360.85	56250.6	-0.63	56360.22	56272.05469	56274.77170	56221.56641	505078.6	5409538.0
L5080.0	505078.6	5409536.6	4783.70020	312.01	34.61	48.838783	-86.930788	56355.80	56250.6	-0.64	56355.16	56268.79688	56273.80020	56222.17578	505078.6	5409536.6
L5080.0	505078.6	5409536.6	4783.79981	311.45	35.47	48.838783	-86.930788	56350.90	56250.6	-0.64	56350.26	56265.70313	56272.81732	56222.76563	505078.6	5409536.6
L5080.0	505078.6	5409535.2	4783.89990	312.66	35.47	48.838770	-86.930788	56346.20	56250.6	-0.65	56345.56	56262.80469	56272.74102	56224.26172	505078.6	5409535.2
L5080.0	505078.6	5409534.0	4784.00000	312.95	38.18	48.838760	-86.930788	56341.58	56250.7	-0.65	56340.93	56259.98047	56271.04174	56224.13281	505078.6	5409534.0
L5080.0	505078.6	5409532.6	4784.10010	312.09	38.18	48.838747	-86.930788	56337.20	56250.7	-0.65	56336.54	56257.39063	56271.23845	56225.89063	505078.6	5409532.6
L5080.0	505078.7	5409531.2	4784.20020	311.58	37.75	48.838734	-86.930788	56332.86	56250.7	-0.66	56332.20	56254.84375	56269.62063	56225.82422	505078.7	5409531.2
L5080.0	505078.7	5409529.8	4784.29981	311.11	38.13	48.838721	-86.930788	56328.77	56250.7	-0.66	56328.11	56252.54688	56270.27530	56228.01953	505078.7	5409529.8
L5080.0	505078.7	5409528.8	4784.39990	311.50	38.13	48.838713	-86.930788	56324.64	56250.7	-0.66	56323.97	56250.19141	56267.35116	56226.63281	505078.7	5409528.8
L5080.0	505078.7	5409527.6	4784.50000	311.16	38.95	48.838702	-86.930788	56320.76	56250.7	-0.67	56320.10	56248.10547	56267.27631	56228.08984	505078.7	5409527.6
L5080.0	505078.7	5409526.4	4784.60010	311.98	39.05	48.838691	-86.930788	56316.93	56250.7	-0.67	56316.27	56246.05469	56265.60255	56227.93750	505078.7	5409526.4
L5080.0	505078.7	5409525.2	4784.70020	311.66	37.31	48.838680	-86.930788	56313.31	56250.7	-0.67	56312.63	56244.18359	56265.37960	56229.21875	505078.7	5409525.2
L5080.0	505078.7	5409523.6	4784.79981	311.37	37.45	48.838666	-86.930788	56309.63	56250.7	-0.67	56308.96	56242.27344	56262.37277	56227.71094	505078.7	5409523.6
L5080.0	505078.7	5409523.1	4784.89990	311.51	37.45	48.838661	-86.930788	56306.20	56250.7	-0.68	56305.52	56240.58594	56261.79017	56228.61328	505078.7	5409523.1
L5080.0	505078.7	5409521.7	4785.00000	311.02	36.26	48.838649	-86.930788	56302.74	56250.7	-0.68	56302.06	56238.87500	56258.80136	56227.10547	505078.7	5409521.7
L5080.0	505078.7	5409521.7	4785.10010	312.77	38.41	48.838649	-86.930788	56299.49	56250.7	-0.68	56298.81	56237.35938	56258.03784	56227.80859	505078.7	5409521.7
L5080.0	505078.7	5409519.8	4785.20020	311.56	39.05	48.838631	-86.930788	56296.21	56250.7	-0.68	56295.53	56235.80469	56254.84155	56226.06250	505078.7	5409519.8
L5080.0	505078.7	5409518.3	4785.29981	311.77	39.05	48.838619	-86.930788	56293.14	56250.7	-0.69	56292.46	56234.44922	56254.06256	56226.72266	505078.7	5409518.3
L5080.0	505078.7	5409516.9	4785.39990	312.68	39.83	48.838606	-86.930788	56290.04	56250.7	-0.69	56289.35	56233.04688	56250.80709	56224.89453	505078.7	5409516.9
L5080.0	505078.7	5409516.9	4785.50000	312.92	37.62	48.838606	-86.930788	56287.07	56250.7	-0.69	56286.38	56231.76953	56248.74464	56224.25000	505078.7	5409516.9
L5080.0	505078.7	5409514.7	4785.60010	313.06	37.62	48.838586	-86.930788	56284.14	56250.7	-0.69	56283.45	56230.51953	56245.94992	56222.85547	505078.7	5409514.7
L5080.0	505078.7	5409513.4	4785.70020	313.00	37.59	48.838574	-86.930788	56281.33	56250.7	-0.69	56280.63	56229.36719	56243.90508	56222.19531	505078.7	5409513.4
L5080.0	505078.7	5409513.4	4785.79981	314.62	38.93	48.838574	-86.930788	56278.53	56250.7	-0.70	56277.83	56228.22266	56240.86617	56220.52734	505078.7	5409513.4
L5080.0	505078.7	5409512.0	4785.89990	314.04	40.39	48.838562	-86.930788	56275.82	56250.7	-0.70	56275.12	56227.15234	56238.31719	56219.33594	505078.7	5409512.0
L5080.0	505078.6	5409510.4	4786.00000	314.75	40.39	48.838547	-86.930788	56273.14	56250.7	-0.70	56272.44	56226.10156	56235.10370	56217.46484	505078.6	5409510.4
L5080.0	505078.6	5409509.0	4786.10010	313.92	41.35	48.838534	-86.930789	56270.58	56250.7	-0.70	56269.88	56225.15625	56233.11978	56216.81250	505078.6	5409509.0
L5080.0	505078.6	5409509.0	4786.20020	312.84	36.62	48.838534	-86.930789	56268.04	56250.7	-0.71	56267.33	56224.20313	56230.18160	56215.18359	505078.6	5409509.0
L5080.0	505078.6	5409507.3	4786.29981	312.57	36.62	48.838519	-86.930789	56265.56	56250.7	-0.71	56264.85	56223.30078	56227.56817	56213.86328	505078.6	5409507.3
L5080.0	505078.6	5409505.6	4786.39990	311.74	38	48.838504	-86.930789	56263.16	56250.7	-0.71	56262.45	56222.46875	56225.53512	56213.11328	505078.6	5409505.6
L5080.0	505078.6	5409504.5	4786.50000	311.52	40.87	48.838494	-86.930789	56260.77	56250.7	-0.71	56260.05	56221.61719	56222.48817	56211.33203	505078.6	5409504.5
L5080.0	505078.6	5409504.5	4786.60010	310.86	40.56	48.838494	-86.930789	56258.43	56250.7	-0.72	56257.72	56220.82031	56219.90346	56209.99609	505078.6	5409504.5
L5080.0	505078.6	5409503.1	4786.70020	310.98	40.56	48.838481	-86.930790	56256.21	56250.7	-0.72	56255.49	56220.10547	56218.43992	56209.76172	505078.6	5409503.1
L5080.0	505078.6	5409502.0	4786.79981	310.12	42.86	48.838471	-86.930790	56254.02	56250.7	-0.72	56253.30	56219.41016	56216.90113	56209.43359	505078.6	5409502.0
L5080.0	505078.6	5409500.8	4786.89990	311.33	42.96	48.838461	-86.930790	56251.83	56250.7	-0.73	56251.10	56218.69141	56214.28765	56208.01953	505078.6	5409500.8
L5080.0	505078.5	5409499.4	4787.00000	313.00	37.76	48.838448	-86.930790	56249.77	56250.7	-0.73	56249.04	56218.09375	56213.71728	56208.63281	505078.5	5409499.4
L5080.0	505078.5	5409498.2	4787.10010	313.44	37.93	48.838438	-86.930790	56247.69	56250.7	-0.74	56246.95	56217.44531	56211.71440	56207.79297	505078.5	5409498.2
L5080.0	505078.5	5409496.8	4787.20020	313.39	37.93	48.838425	-86.930791	56245.70	56250.7	-0.74	56244.96	56216.87891	56210.98786	56208.21094	505078.5	5409496.8
L5080.0	505078.5	5409495.6	4787.29981	310.96	39.61	48.838414	-86.930791	56243.72	56250.7	-0.75	56242.97	56216.29297	56209.49929	56207.85156	505078.5	5409495.6
L5080.0	505078.5	5409493.9	4787.39990	311.86	41.62	48.838399	-86.930791	56241.84	56250.8	-0.75	56241.09	56215.79688	56209.56182	56209.02734	505078.5	5409493.9
L5080.0	505078.5	5409493.9	4787.50000	312.73	43.55	48.838399	-86.930791	56239.91	56250.8	-0.76	56239.15	56215.22266	56207.66201	56208.22266	505078.5	5409493.9
L5080.0	505078.5	5409492.7	4787.60010	311.85	43.55	48.838388	-86.930791	56238.13	56250.8	-0.76	56237.37	56214.78906	56208.41851	56210.05469	505078.5	5409492.7
L5080.0	505078.4	5409491.1	4787.70020	314.08	44.57	48.838374	-86.930791	56236.31	56250.8	-0.76	56235.54	56214.28125	56207.46220	56210.16016	505078.4	5409491.1
L5080.0	505078.4	5409489.4	4787.79981	314.34	30.59	48.838358	-86.930792	56234.60	56250.8	-0.77	56233.83	56213.87500	56208.38956	56212.12500	505078.4	5409489.4
L5080.0	505078.4	5409489.4	4787.89990	315.68	33.16	48.838358	-86.930792	56232.79	56250.8	-0.78	56232.02	56213.35156	56206.57858	56211.33984	505078.4	5409489.4
L5080.0	505078.4	5409488.0	4788.00000	314.17	38.15	48.838346	-86.930792	56231.14	56250.8	-0.78	56230.36	56212.95313	56207.34244	56213.11328	505078.4	5409488.0
L5080.0	505078.4	5409486.1	4788.10010	313.05	38.15	48.838329	-86.930792	56229.44	56250.8	-0.79	56228.65	56212.48438	56206.46321	56213.22266	505078.4	5409486.1
L5080.0	505078.4	5409486.1	4788.20020	312.72	44.61	48.838329	-86.930792	56227.87	56250.8	-0.79	56227.07	56212.12500	56207.79663	56215.52734	505078.4	5409486.1
L5080.0	505078.4	5409484.7	4788.29981	314.60	45.73	48.838316	-86.930792	56226.23	56250.8	-0.80	56225.43	56211.68359	56207.31146	56215.99609	505078.4	5409484.7
L5080.0	505078.4	5409483.3	4788.39990	314.44	45.47	48.838303	-86.930792	56224.61	56250.8	-0.81	56223.80	56211.23047	56206.52090	56216.14063	505078.4	5409483.3
L5080.0	505078.4	5409481.8	4788.50000	314.65	45.47	48.838290	-86.930793	56223.03	56250.8	-0.82	56222.21	56210.79688	56206.08933	56216.62891	505078.4	5409481.8
L5080.0	505078.4	5409480.9	4788.60010	313.40	45.47	48.838281	-86.930793	56221.49	56250.8	-0.82	56220.67	56210.39453	56206.25235	56217.69531	505078.4	5409480.9
L5080.0	505078.4	5409479.7	4788.70020	314.95	45.47	48.838271	-86.930793	56219.95	56250.8	-0.83	56219.12	56209.95703	56205.75378	56218.07813	505078.4	5409479.7
L5080.0	505078.4	5409479.7	4788.79981	314.16	45.81	48.838271	-86.930793	56218.39	56250.8	-0.84	56217.56	56209.48438	56204.62577	56217.81641	505078.4	5409479.7
L5080.0	505078.3	5409478.0	4788.89990	315.00	46.3	48.838256	-86.930793	56216.94	56250.8	-0.84	56216.10	56209.09375	56205.22125	56219.26172	505078.3	5409478.0
L5080.0	505078.3	5409476.6	4789.00000	313.39	47.06	48.838243	-86.930793	56215.42	56250.8	-0.85	56214.57	56208.61328	56203.98001	56218.85547	505078.3	5409476.6
L5080.0	505078.3	5409474.7	4789.10010	313.27	45.77	48.838226	-86.930794	56213.91	56250.9	-0.85	56213.06	56208.12500	56202.83678	56218.52734	505078.3	5409474.7
L5080.0	505078.3	5409474.7	4789.20020	312.13	45.77	48.838226	-86.930794	56212.45	56250.9	-0.85	56211.59	56207.66016	56202.23313	56218.72266	505078.3	5409474.7
L5080.0	505078.3	5409473.3	4789.29981	312.65	46.52	48.838213	-86.930794	56211.02	56250.9	-0.85	56210.17	56207.21875	56202.39083	56219.66016	505078.3	5409473.3
L5080.0	505078.3	5409472.1	4789.39990	311.43	41.35	48.838203	-86.930794	56209.54	56250.9	-0.85	56208.68	56206.68750	56200.89193	56218.92578	505078.3	5409472.1
L5080.0	505078.3	5409470.6	4789.50000	312.36	46.19	48.838190	-86.930794	56208.09	56250.9	-0.86	56207.23	56206.17578	56200.01957	56218.80078	505078.3	5409470.6
L5080.0	505078.3	5409469.0	4789.60010	313.77	46.19	48.838175	-86.930794	56206.68	56250.9	-0.86	56205.82	56205.67969	56199.78738	56219.29688	505078.3	5409469.0
L5080.0	505078.3	5409469.0	4789.70020	314.29	44.65	48.838175	-86.930794	56205.23	56250.9	-0.86	56204.37	56205.12109	56198.63797	56218.86328	505078.3	5409469.0
L5080.0	505078.3	5409467.6	4789.79981	312.55	44.45	48.838162	-86.930794	56203.79	56250.9	-0.86	56202.93	56204.55078	56197.60238	56218.52344	505078.3	5409467.6
L5080.0	505078.2	5409465.7	4789.89990	312.44	44.45	48.838145	-86.930795	56202.40	56250.9	-0.86	56201.54	56204.00781	56197.47688	56219.07813	505078.2	5409465.7
L5080.0	505078.2	5409465.7	4790.00000	311.63	46.67	48.838145	-86.930795	56200.94	56250.9	-0.86	56200.08	56203.37500	56195.98313	56218.25000	505078.2	5409465.7
L5080.0	505078.2	5409463.7	4790.10010	310.23	46.67	48.838127	-86.930795	56199.48	56250.9	-0.86	56198.62	56202.71875	56194.51016	56217.42578	505078.2	5409463.7

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5080.0	505078.2	5409461.9	4790.20020	310.23	46.63	48.838111	-86.930795	56198.08	56250.9	-0.87	56197.21	56202.09375	56194.01943	56217.57031	505078.2	5409461.9
L5080.0	505078.2	5409461.4	4790.20020	309.58	46.63	48.838107	-86.930795	56196.63	56250.9	-0.87	56195.76	56201.40625	56192.84848	56217.01172	505078.2	5409461.4
L5080.0	505078.2	5409459.6	4790.39990	309.54	42.77	48.838090	-86.930795	56195.24	56250.9	-0.88	56194.36	56200.74219	56192.69512	56217.46094	505078.2	5409459.6
L5080.0	505078.2	5409458.2	4790.50000	308.63	42.77	48.838078	-86.930795	56193.77	56250.9	-0.89	56192.88	56199.98047	56191.19281	56216.54297	505078.2	5409458.2
L5080.0	505078.2	5409458.2	4790.60010	310.05	47.75	48.838078	-86.930795	56192.40	56250.9	-0.89	56191.51	56199.30859	56191.84037	56217.75781	505078.2	5409458.2
L5080.0	505078.2	5409456.9	4790.70020	311.36	47.75	48.838066	-86.930795	56190.88	56250.9	-0.90	56189.98	56198.45313	56189.75460	56216.22656	505078.2	5409456.9
L5080.0	505078.2	5409455.3	4790.79981	312.28	46.79	48.838052	-86.930795	56189.49	56250.9	-0.90	56188.59	56197.71875	56190.39173	56217.40234	505078.2	5409455.3
L5080.0	505078.2	5409454.2	4790.89990	311.59	46.79	48.838041	-86.930795	56187.99	56250.9	-0.91	56187.08	56196.83984	56189.08508	56216.61719	505078.2	5409454.2
L5080.0	505078.3	5409452.9	4791.00000	311.68	47.37	48.838030	-86.930794	56186.53	56250.9	-0.91	56185.62	56195.99219	56188.91529	56216.95313	505078.3	5409452.9
L5080.0	505078.3	5409452.9	4791.10010	310.29	47.51	48.838030	-86.930794	56184.98	56250.9	-0.91	56184.06	56195.02344	56187.21780	56215.75000	505078.3	5409452.9
L5080.0	505078.3	5409451.4	4791.20020	310.03	47.51	48.838017	-86.930794	56183.46	56250.9	-0.91	56182.55	56194.08594	56186.69686	56215.70313	505078.3	5409451.4
L5080.0	505078.3	5409450.2	4791.29981	309.21	43.89	48.838005	-86.930794	56181.94	56250.9	-0.92	56181.02	56193.10547	56186.12074	56215.58984	505078.3	5409450.2
L5080.0	505078.3	5409450.2	4791.39990	310.35	43.9	48.838005	-86.930794	56180.37	56250.9	-0.92	56179.45	56192.06641	56185.15161	56215.06641	505078.3	5409450.2
L5080.0	505078.3	5409448.3	4791.50000	310.49	43.9	48.837988	-86.930794	56178.82	56250.9	-0.92	56177.90	56191.02734	56184.88226	56215.23047	505078.3	5409448.3
L5080.0	505078.3	5409446.8	4791.60010	310.35	44.91	48.837975	-86.930794	56177.21	56250.9	-0.92	56176.29	56189.90625	56183.89917	56214.66406	505078.3	5409446.8
L5080.0	505078.3	5409445.6	4791.70020	311.09	43.98	48.837964	-86.930794	56175.64	56250.9	-0.92	56174.72	56188.80859	56184.01569	56215.17969	505078.3	5409445.6
L5080.0	505078.3	5409445.6	4791.79981	311.12	43.98	48.837964	-86.930794	56173.96	56250.9	-0.93	56173.04	56187.57813	56182.55307	56214.10547	505078.3	5409445.6
L5080.0	505078.3	5409443.4	4791.89990	310.35	46.17	48.837945	-86.930794	56172.33	56250.9	-0.93	56171.40	56186.37109	56182.22975	56214.15625	505078.3	5409443.4
L5080.0	505078.3	5409441.8	4792.00000	310.66	47.84	48.837930	-86.930794	56170.63	56250.9	-0.93	56169.70	56185.08594	56181.26134	56213.54688	505078.3	5409441.8
L5080.0	505078.3	5409440.4	4792.10010	309.69	47.84	48.837918	-86.930794	56168.91	56250.9	-0.93	56167.98	56183.75781	56180.38901	56213.01563	505078.3	5409440.4
L5080.0	505078.3	5409440.4	4792.20020	311.85	48.84	48.837918	-86.930794	56167.08	56250.9	-0.94	56166.14	56182.29297	56177.81535	56210.77344	505078.3	5409440.4
L5080.0	505078.3	5409438.8	4792.29981	311.96	48.84	48.837903	-86.930794	56165.34	56250.9	-0.94	56164.39	56180.89844	56177.37759	56210.65234	505078.3	5409438.8
L5080.0	505078.3	5409437.1	4792.39990	313.56	48.12	48.837888	-86.930794	56163.45	56251	-0.95	56162.49	56179.33594	56174.73253	56208.30469	505078.3	5409437.1
L5080.0	505078.3	5409437.1	4792.50000	312.80	46.03	48.837888	-86.930794	56161.66	56251	-0.96	56160.70	56177.86719	56174.63854	56208.50000	505078.3	5409437.1
L5080.0	505078.3	5409435.5	4792.60010	311.58	46.03	48.837873	-86.930794	56159.73	56251	-0.96	56158.77	56176.23828	56172.56556	56206.69922	505078.3	5409435.5
L5080.0	505078.3	5409434.0	4792.70020	310.83	49.34	48.837860	-86.930794	56157.88	56251	-0.97	56156.92	56174.67578	56172.54787	56206.93750	505078.3	5409434.0
L5080.0	505078.3	5409432.4	4792.79981	311.90	49.34	48.837846	-86.930794	56155.88	56251	-0.97	56154.91	56172.92969	56170.24196	56204.87500	505078.3	5409432.4
L5080.0	505078.3	5409432.4	4792.89990	310.42	48.16	48.837846	-86.930794	56153.93	56251	-0.98	56152.96	56171.23047	56169.67921	56204.54297	505078.3	5409432.4
L5080.0	505078.4	5409430.5	4793.00000	310.63	45.99	48.837828	-86.930793	56151.78	56251	-0.98	56150.80	56169.30078	56165.99122	56201.07031	505078.4	5409430.5
L5080.0	505078.4	5409429.1	4793.10010	310.35	45.99	48.837816	-86.930793	56149.76	56251	-0.98	56148.78	56167.50000	56165.54935	56200.82813	505078.4	5409429.1
L5080.0	505078.4	5409429.1	4793.20020	312.94	47.12	48.837816	-86.930793	56147.58	56251	-0.98	56146.60	56165.51563	56162.96168	56198.42969	505078.4	5409429.1
L5080.0	505078.4	5409427.2	4793.29981	312.33	45.34	48.837799	-86.930793	56145.46	56251	-0.98	56144.47	56163.57031	56162.04205	56197.67969	505078.4	5409427.2
L5080.0	505078.4	5409426.0	4793.39990	310.53	45.34	48.837788	-86.930793	56143.16	56251	-0.98	56142.18	56161.44531	56159.06303	56194.85938	505078.4	5409426.0
L5080.0	505078.4	5409424.5	4793.50000	308.89	49.56	48.837774	-86.930793	56140.94	56251	-0.99	56139.95	56159.36719	56157.98645	56193.92969	505078.4	5409424.5
L5080.0	505078.4	5409423.2	4793.60010	308.58	49.56	48.837763	-86.930793	56138.57	56251	-0.99	56137.59	56157.14063	56155.47150	56191.54297	505078.4	5409423.2
L5080.0	505078.4	5409423.2	4793.70020	308.67	49.64	48.837763	-86.930793	56136.20	56251	-0.99	56135.21	56154.88281	56153.50429	56189.69141	505078.4	5409423.2
L5080.0	505078.4	5409421.0	4793.79981	310.75	48	48.837743	-86.930793	56133.78	56251	-0.99	56132.79	56152.56641	56151.76337	56188.05469	505078.4	5409421.0
L5080.0	505078.4	5409419.9	4793.89990	310.32	48	48.837733	-86.930792	56131.27	56251	-0.99	56130.28	56150.14453	56149.41396	56185.79297	505078.4	5409419.9
L5080.0	505078.5	5409418.4	4794.00000	309.47	49.33	48.837719	-86.930792	56128.74	56251	-0.99	56127.75	56147.69141	56147.70944	56184.16016	505078.5	5409418.4
L5080.0	505078.5	5409418.4	4794.10010	310.55	49.33	48.837719	-86.930792	56126.14	56251	-0.99	56125.15	56145.14844	56145.81729	56182.32813	505078.5	5409418.4
L5080.0	505078.5	5409416.6	4794.20020	310.03	50.71	48.837703	-86.930792	56123.42	56251	-1.00	56122.42	56142.46484	56142.74653	56179.30469	505078.5	5409416.6
L5080.0	505078.5	5409415.0	4794.29981	309.80	50.71	48.837689	-86.930792	56120.70	56251	-1.00	56119.70	56139.77734	56140.93466	56177.52344	505078.5	5409415.0
L5080.0	505078.5	5409415.0	4794.39990	310.11	47.78	48.837689	-86.930792	56117.89	56251	-1.01	56116.89	56136.98828	56138.69859	56175.30469	505078.5	5409415.0
L5080.0	505078.5	5409413.5	4794.50000	308.76	46.86	48.837676	-86.930791	56115.01	56251	-1.01	56114.00	56134.10156	56136.24336	56172.85547	505078.5	5409413.5
L5080.0	505078.5	5409411.9	4794.60010	308.71	46.86	48.837661	-86.930791	56112.05	56251	-1.01	56111.03	56131.12109	56133.60019	56170.20313	505078.5	5409411.9
L5080.0	505078.5	5409411.9	4794.70020	307.40	45.2	48.837661	-86.930791	56109.03	56251	-1.02	56108.01	56128.08203	56131.31089	56167.89063	505078.5	5409411.9
L5080.0	505078.6	5409408.8	4794.79981	308.62	45.2	48.837633	-86.930791	56105.90	56251	-1.02	56104.88	56124.91797	56128.37909	56164.91797	505078.6	5409408.8
L5080.0	505078.6	5409408.8	4794.89990	310.25	51.46	48.837633	-86.930791	56102.71	56251	-1.03	56101.69	56121.67969	56125.68551	56162.17578	505078.6	5409408.8
L5080.0	505078.6	5409407.1	4795.00000	310.24	50.91	48.837618	-86.930791	56099.43	56251	-1.03	56098.40	56118.33203	56122.56949	56158.99219	505078.6	5409407.1
L5080.0	505078.6	5409405.7	4795.10010	310.98	50.91	48.837605	-86.930791	56096.11	56251	-1.04	56095.07	56114.92969	56120.08686	56156.43359	505078.6	5409405.7
L5080.0	505078.6	5409405.7	4795.20020	308.52	49.49	48.837605	-86.930791	56092.65	56251	-1.04	56091.61	56111.38672	56116.70533	56152.96094	505078.6	5409405.7
L5080.0	505078.6	5409404.1	4795.29981	308.37	49.49	48.837591	-86.930790	56089.15	56251	-1.05	56088.10	56107.78516	56113.82908	56149.98047	505078.6	5409404.1
L5080.0	505078.6	5409402.1	4795.39990	310.51	50.11	48.837573	-86.930790	56085.51	56251.1	-1.05	56084.46	56104.03906	56110.07942	56146.10938	505078.6	5409402.1
L5080.0	505078.6	5409402.1	4795.50000	310.18	50.11	48.837573	-86.930790	56081.85	56251.1	-1.06	56080.79	56100.25391	56107.22749	56143.12891	505078.6	5409402.1
L5080.0	505078.6	5409400.5	4795.60010	310.54	43.56	48.837558	-86.930790	56078.00	56251.1	-1.07	56076.93	56096.26563	56102.45281	56138.20703	505078.6	5409400.5
L5080.0	505078.6	5409398.6	4795.70020	312.01	43.56	48.837541	-86.930790	56074.18	56251.1	-1.07	56073.11	56092.30859	56099.85888	56135.45703	505078.6	5409398.6
L5080.0	505078.6	5409398.6	4795.79981	312.39	42.71	48.837541	-86.930790	56070.08	56251.1	-1.08	56069.00	56088.05078	56093.52907	56128.95703	505078.6	5409398.6
L5080.0	505078.7	5409396.9	4795.89990	311.64	42.71	48.837526	-86.930790	56066.09	56251.1	-1.08	56065.00	56083.89063	56090.68694	56125.92969	505078.7	5409396.9
L5080.0	505078.7	5409395.3	4796.00000	310.35	46.72	48.837512	-86.930790	56061.81	56251.1	-1.09	56060.72	56079.44531	56084.24519	56119.29297	505078.7	5409395.3
L5080.0	505078.7	5409395.3	4796.10010	311.43	43.88	48.837512	-86.930790	56057.62	56251.1	-1.09	56056.53	56075.07422	56080.98588	56115.82422	505078.7	5409395.3
L5080.0	505078.7	5409393.6	4796.20020	310.41	43.88	48.837497	-86.930790	56053.14	56251.1	-1.09	56052.04	56070.39844	56073.69506	56108.31250	505078.7	5409393.6
L5080.0	505078.7	5409392.0	4796.29981	311.47	47.39	48.837482	-86.930790	56048.76	56251.1	-1.10	56047.66	56065.82422	56070.00238	56104.39063	505078.7	5409392.0
L5080.0	505078.7	5409390.8	4796.39990	310.16	47.39	48.837471	-86.930790	56044.16	56251.1	-1.10	56043.06	56061.01953	56063.71814	56097.85938	505078.7	5409390.8
L5080.0	505078.7	5409390.8	4796.50000	312.30	46.4	48.837471	-86.930790	56039.55	56251.1	-1.10	56038.45	56056.19531	56058.79441	56092.67578	505078.7	5409390.8
L5080.0	505078.7	5409389.5	4796.60010	311.80	47.2	48.837460	-86.930790	56034.77	56251.1	-1.10	56033.67	56051.19531	56052.15738	56085.76953	505078.7	5409389.5
L5080.0	505078.7	5409388.2	4796.70020	311.24	46.71	48.837448	-86.930790	56029.98	56251.1	-1.10	56028.88	56046.17578	56046.86201	56080.19531	505078.7	5409388.2
L5080.0	505078.7	5409386.8	4796.79981	310.82	46.71	48.837435	-86.930790	56025.01	56251.1	-1.11	56023.91	56040.96875	56039.57244	56072.61328	505078.7	5409386.8
L5080.0	505078.7	5409386.8	4796.89990	312.76	46.44	48.837435	-86.930790	56020.02	56251.1	-1.11	56018.92	56035.73438	56033.37746	56066.11328	505078.7	5409386.8
L5080.0	505078.6	5409385.1	4797.00000	311.27	45.12	48.837420	-86.930790	56014.82	56251.1	-1.11	56013.71	56030.26953	56024.26148	56056.67969	505078.6	5409385.1
L5080.0	505078.6	5409383.2	4797.10010	312.44	45.12	48.837403	-86.930790	56009.70	56251.1	-1.11	56008.59	56024.89063	56018.35740	56050.44922	505078.6	5409383.2
L5080.0	505078.6	5409382.0	4797.20020	312.38	43.01	48.837392	-86.930790	56004.39	56251.1	-1.11	56003.28	56019.31250	56009.98696	56041.74219	505078.6	5409382.0
L5080.0	505078.6	5409382.0	4797.29981	312.17	43.01	48.837392	-86.930790	55999.03	56251.1	-1.12	55997.91	56013.67188	56001.69373	56033.09766	505078.6	5409382.0
L5080.0	505078.6	5409380.4	4797.39990	312.80	42.27	48.837377	-86.930791	55993.56	56251.1	-1.12	55992.45	56007.92969	55992.78680	56023.83203	505078.6	5409380.4
L5080.0	505078.6	5409379.1	4797.50000	312.37	44.35	48.837366	-86.930791	55988.03	56251.1	-1.12	55986.91	56002.10547	55983.38239	56014.05859	505078.6	5409379.1
L5080.0	505078.6	5409377.7	4797.60010	311.39	44.35	48.837354	-86.930791	55982.48	56251.1	-1.12	55981.36	55996.26172	55974.85526	56005.14844	505078.6	5409377.7
L5080.0	505078.6	5409376.4	4797.70020	312.20	42.32	48.837341	-86.930791	55976.79	56251.1	-1.12	55975.67	55990.27344	55964.38040	55994.28516	505078.6	5409376.4
L5080.0	505078.6	5409376.4	4797.79981	313.30	41.72	48.837341	-86.930791	55971.11	56251.1	-1.13	55969.98	55984.28125	55954.79535	55984.29688	505078.6	5409376.4
L5080.0	505078.6	5409373.7	4797.89990	314.78	41.72	48.837317	-86.930791	55965.36	56251.1	-1.13	55964.24	55978.23047	55944.93337	55974.02344	505078.6	5409373.7
L5080.0	505078.6	5409373.7	4798.00000	314.30	46.18	48.837317	-86.930791	55959.54	56251.1	-1.13	55958.41	55972.08594	55933.81533	55962.48438	505078.6	5409373.7
L5080.0	505078.5	5409372.0	4798.10010	314.32	46.18	48.837303	-86.930792	55953.73	56251.1	-1.13	55952.59	55965.94922	55923.43989	55951.67969	505078.5	5409372.0
L5080.0	505078.5	5409370.6	4798.20020	313.79	47.31	48.837290	-86.930792	55947.91	56251.1	-1.14	55946.77	55959.80469	55913.45482	55941.25391	505078.5	5409370.6
L5080.0	505078.5	5409369.4	4798.29981	315.47	47.06	48.837279	-86.930792	55942.06	56251.1	-1.14	55940.92	55953.62500	55903.06937	55930.42188	505078.5	5409369.4
L5080.0	505078.5	5409369.4	4798.39990	314.77	50.55	48.837279	-86.930792	55936.12	56251.1	-1.14	55934.98	55947.35547	55890.85164	55917.74609	505078.5	5409369.4
L5080.0	505078.5	5409367.8	4798.50000	313.68	50.55	48.837264	-86.930792	55930.23	56251.1	-1.15	55929.08	55941.11719	55879.40608	55905.83594	505078.5	5409367.8
L5080.0	505078.5	5409366.1	4798.60010	313.99	47.08	48.837249	-86.930792	55924.31	56251.1	-1.15	55923.16	55934.85547	55867.28620	55893.24219	505078.5	5409366.1
L5080.0	505078.5	5409366.1	4798.70020	313.43	47.08	48.837249	-86.930792	55918.44	56251.2	-1.15	55917.29	55928.64063	55855.78707	55881.25781	505078.5	5409366.1
L5080.0	505078.5	5409364.5	4798.79981	312.50	51.66	48.837235	-86.930793	55912.57	56251.2	-1.15	55911.42	55922.42578	55843.66861	55868.65234	505078.5	5409364.5
L5080.0	505078.4	5409363.1	4798.89990	313.17	52.43	48.837222	-86.930793	55906.81	56251.2	-1.16	55905.65	55916.30469	55832.80769	55857.29297	505078.4	5409363.1
L5080.0	505078.4	5409361.5	4799.00000	312.79	52.43	48.837207	-86.930793	55901.02	56251.2	-1.16	55899.86	55910.16016	55820.51805	55844.49609	505078.4	5409361.5
L5080.0	505078.4	5409361.5	4799.10010	314.01	44.49	48.837207	-86.930793	55895.39	56251.2	-1.16	55894.23	55904.17578	55810.26672	55833.73438	505078.4	5409361.5
L5080.0	505078.4	5409360.0	4799.20020	312.22	44.49	48.837195	-86.930794	55889.81	56251.2	-1.17	55888.64	55898.22656	55799.37229	55822.32031	505078.4	5409360.0
L5080.0	505078.4	5409358.9	4799.29981	311.35	51.02	48.837184	-86.930794	55884.29	56251.2	-1.17	55883.12	55892.34375	55788.22453	55810.64844	505078.4	5409358.9
L5080.0	505078.4	5409357.5	4799.39990	310.39	46.73	48.837172	-86.930794	55878.81	56251.2	-1.17	55877.63	55886.49219	55775.82501	55797.71484	505078.4	5409357.5

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5080.0	505078.3	5409356.1	4799.50000	310.80	46.73	48.837159	-86.930795	55873.52	56251.2	-1.18	55872.34	55880.83594	55765.28453	55786.63672	505078.3	5409356.1
L5080.0	505078.3	5409354.9	4799.60010	312.02	51.28	48.837148	-86.930795	55868.31	56251.2	-1.18	55867.13	55875.25781	55754.02045	55774.82813	505078.3	5409354.9
L5080.0	505078.3	5409354.9	4799.70020	310.35	52.22	48.837148	-86.930795	55863.22	56251.2	-1.18	55862.04	55869.80078	55742.59429	55762.85156	505078.3	5409354.9
L5080.0	505078.3	5409352.9	4799.79981	310.51	52.22	48.837131	-86.930796	55858.29	56251.2	-1.18	55857.10	55864.48828	55731.35638	55751.05859	505078.3	5409352.9
L5080.0	505078.2	5409351.6	4799.89990	310.48	49.75	48.837118	-86.930796	55853.54	56251.2	-1.19	55852.35	55859.36719	55720.82735	55739.97266	505078.2	5409351.6
L5080.0	505078.2	5409350.6	4800.00000	311.28	51.1	48.837110	-86.930796	55848.88	56251.2	-1.19	55847.69	55854.33594	55708.90963	55727.48828	505078.2	5409350.6
L5080.0	505078.2	5409349.3	4800.10010	311.03	51.1	48.837098	-86.930797	55844.52	56251.2	-1.19	55843.33	55849.60156	55699.32836	55717.33594	505078.2	5409349.3
L5080.0	505078.2	5409347.8	4800.20020	312.81	49.62	48.837084	-86.930797	55840.34	56251.2	-1.19	55839.14	55845.03906	55689.48582	55706.92188	505078.2	5409347.8
L5080.0	505078.2	5409346.7	4800.29981	311.44	48.51	48.837075	-86.930797	55836.38	56251.2	-1.20	55835.18	55840.70313	55680.32598	55697.18750	505078.2	5409346.7
L5080.0	505078.2	5409346.7	4800.39990	311.75	48.51	48.837075	-86.930797	55832.57	56251.2	-1.20	55831.37	55836.51953	55670.24959	55686.53125	505078.2	5409346.7
L5080.0	505078.1	5409345.3	4800.50000	310.71	44.76	48.837062	-86.930797	55829.05	56251.2	-1.20	55827.85	55832.62500	55661.68679	55677.38281	505078.1	5409345.3
L5080.0	505078.1	5409343.7	4800.60010	311.81	44.76	48.837047	-86.930798	55825.73	56251.2	-1.20	55824.53	55828.92969	55652.86356	55667.97266	505078.1	5409343.7
L5080.0	505078.1	5409342.0	4800.70020	309.61	49.79	48.837033	-86.930798	55822.70	56251.2	-1.20	55821.50	55825.52734	55645.29499	55659.81641	505078.1	5409342.0
L5080.0	505078.1	5409342.0	4800.79981	310.15	49.79	48.837033	-86.930798	55819.94	56251.2	-1.21	55818.74	55822.39453	55638.50683	55652.43750	505078.1	5409342.0
L5080.0	505078.1	5409340.6	4800.89990	309.32	33.78	48.837020	-86.930798	55817.39	56251.2	-1.21	55816.18	55819.46094	55631.14771	55644.48438	505078.1	5409340.6
L5080.0	505078.1	5409338.9	4801.00000	310.06	41.36	48.837005	-86.930799	55815.21	56251.2	-1.21	55814.00	55816.91016	55626.38379	55639.12500	505078.1	5409338.9
L5080.0	505078.0	5409337.4	4801.10010	309.47	41.36	48.836991	-86.930799	55813.24	56251.2	-1.21	55812.03	55814.56641	55621.10502	55633.25000	505078.0	5409337.4
L5080.0	505078.0	5409336.4	4801.20020	311.48	50.59	48.836982	-86.930799	55811.67	56251.2	-1.21	55810.46	55812.62891	55618.67734	55630.22656	505078.0	5409336.4
L5080.0	505078.0	5409335.2	4801.29981	311.11	51.8	48.836971	-86.930799	55810.51	56251.2	-1.21	55809.30	55811.10156	55619.26727	55630.21875	505078.0	5409335.2
L5080.0	505078.0	5409333.6	4801.39990	312.34	51.8	48.836957	-86.930799	55809.74	56251.2	-1.21	55808.53	55809.96484	55622.45707	55632.81250	505078.0	5409333.6
L5080.0	505078.0	5409333.6	4801.50000	312.16	54.18	48.836957	-86.930799	55809.30	56251.2	-1.21	55808.09	55809.16016	55627.30872	55637.06250	505078.0	5409333.6
L5080.0	505078.0	5409331.8	4801.60010	312.16	54.18	48.836941	-86.930800	55808.96	56251.2	-1.21	55807.75	55808.45313	55629.76717	55638.92578	505078.0	5409331.8
L5080.0	505078.0	5409330.3	4801.70020	310.09	53.8	48.836927	-86.930800	55808.76	56251.2	-1.21	55807.55	55807.89453	55630.62095	55639.17969	505078.0	5409330.3
L5080.0	505078.0	5409329.0	4801.79981	309.40	53.8	48.836915	-86.930800	55808.74	56251.2	-1.21	55807.53	55807.51563	55630.66532	55638.62891	505078.0	5409329.0
L5080.0	505078.0	5409327.8	4801.89990	307.60	50.99	48.836904	-86.930800	55808.89	56251.2	-1.21	55807.68	55807.30859	55629.81440	55637.18359	505078.0	5409327.8
L5080.0	505078.0	5409327.8	4802.00000	305.48	50.99	48.836904	-86.930800	55809.38	56251.2	-1.21	55808.17	55807.44141	55631.23293	55638.00781	505078.0	5409327.8
L5080.0	505077.9	5409326.1	4802.10010	310.41	46.06	48.836890	-86.930800	55810.25	56251.2	-1.21	55809.04	55807.96094	55635.74866	55641.92969	505077.9	5409326.1
L5080.0	505077.9	5409324.5	4802.20020	310.87	50.64	48.836875	-86.930801	55811.57	56251.2	-1.21	55810.36	55808.93359	55644.64305	55650.23438	505077.9	5409324.5
L5080.0	505077.9	5409323.3	4802.29981	310.79	50.64	48.836864	-86.930801	55813.19	56251.2	-1.21	55811.98	55810.20703	55655.23858	55660.24219	505077.9	5409323.3
L5080.0	505077.9	5409323.3	4802.39990	307.18	50.78	48.836864	-86.930801	55815.14	56251.2	-1.21	55813.93	55811.81250	55668.10205	55672.52344	505077.9	5409323.3
L5080.0	505077.9	5409321.7	4802.50000	307.21	50.78	48.836850	-86.930801	55817.29	56251.2	-1.21	55816.08	55813.62109	55680.98407	55684.82031	505077.9	5409321.7
L5080.0	505077.9	5409320.3	4802.60010	311.43	50.78	48.836837	-86.930802	55819.62	56251.2	-1.20	55818.41	55815.61328	55693.60020	55696.85938	505077.9	5409320.3
L5080.0	505077.8	5409319.0	4802.70020	311.51	54.33	48.836825	-86.930802	55821.99	56251.2	-1.20	55820.79	55817.66016	55703.79109	55706.47656	505077.8	5409319.0
L5080.0	505077.8	5409319.0	4802.79981	312.46	53.91	48.836825	-86.930802	55824.38	56251.2	-1.20	55823.17	55819.71094	55710.82997	55712.94531	505077.8	5409319.0
L5080.0	505077.8	5409317.6	4802.89990	312.68	49.81	48.836813	-86.930802	55826.82	56251.2	-1.20	55825.62	55821.83594	55716.06659	55717.61328	505077.8	5409317.6
L5080.0	505077.8	5409316.2	4803.00000	310.23	49.81	48.836800	-86.930802	55829.25	56251.2	-1.20	55828.05	55823.94141	55718.06874	55719.05078	505077.8	5409316.2
L5080.0	505077.8	5409314.8	4803.10010	312.17	54.45	48.836788	-86.930803	55831.83	56251.2	-1.20	55830.63	55826.20313	55719.88871	55720.31641	505077.8	5409314.8
L5080.0	505077.8	5409313.8	4803.20020	310.16	44.87	48.836778	-86.930803	55834.72	56251.2	-1.21	55833.51	55828.76953	55724.26434	55724.13672	505077.8	5409313.8
L5080.0	505077.7	5409312.4	4803.29981	308.84	44.87	48.836766	-86.930803	55837.75	56251.2	-1.21	55836.54	55831.48828	55728.74740	55728.07422	505077.7	5409312.4
L5080.0	505077.7	5409312.4	4803.39990	308.15	44.32	48.836766	-86.930803	55841.14	56251.2	-1.21	55839.93	55834.57422	55737.28513	55736.07031	505077.7	5409312.4
L5080.0	505077.7	5409311.2	4803.50000	307.56	45	48.836755	-86.930804	55844.73	56251.2	-1.22	55843.52	55837.85938	55747.36929	55745.61719	505077.7	5409311.2
L5080.0	505077.7	5409309.8	4803.60010	307.84	45	48.836743	-86.930804	55848.42	56251.2	-1.22	55847.20	55841.24219	55757.31634	55755.03516	505077.7	5409309.8
L5080.0	505077.7	5409308.7	4803.70020	308.90	44.34	48.836733	-86.930804	55852.22	56251.2	-1.22	55851.00	55844.75000	55767.91787	55765.11328	505077.7	5409308.7
L5080.0	505077.7	5409307.6	4803.79981	309.17	51.1	48.836723	-86.930804	55855.98	56251.2	-1.22	55854.76	55848.21875	55776.39395	55773.07422	505077.7	5409307.6
L5080.0	505077.7	5409306.2	4803.89990	309.93	51.1	48.836710	-86.930804	55859.68	56251.2	-1.23	55858.45	55851.62500	55782.26222	55778.43359	505077.7	5409306.2
L5080.0	505077.7	5409305.1	4804.00000	311.49	53.61	48.836700	-86.930804	55863.42	56251.2	-1.23	55862.19	55855.08594	55787.90589	55783.57422	505077.7	5409305.1
L5080.0	505077.7	5409305.1	4804.10010	312.17	50.67	48.836700	-86.930804	55867.14	56251.2	-1.22	55865.92	55858.54297	55792.27978	55787.45313	505077.7	5409305.1
L5080.0	505077.7	5409303.1	4804.20020	314.44	50.67	48.836683	-86.930804	55870.96	56251.2	-1.22	55869.74	55862.09375	55797.49253	55792.17969	505077.7	5409303.1
L5080.0	505077.7	5409301.9	4804.29981	314.86	54.11	48.836671	-86.930804	55874.78	56251.2	-1.21	55873.57	55865.65625	55802.09567	55796.30078	505077.7	5409301.9
L5080.0	505077.7	5409300.5	4804.39990	314.51	54.88	48.836659	-86.930804	55878.81	56251.2	-1.21	55877.60	55869.42969	55810.09197	55803.82422	505077.7	5409300.5
L5080.0	505077.8	5409299.4	4804.50000	315.91	55.89	48.836649	-86.930803	55882.75	56251.2	-1.20	55881.55	55873.12500	55815.92641	55809.19531	505077.8	5409299.4
L5080.0	505077.8	5409297.8	4804.60010	316.61	55.89	48.836634	-86.930803	55886.85	56251.2	-1.19	55885.65	55876.97266	55824.49680	55817.31250	505077.8	5409297.8
L5080.0	505077.8	5409297.8	4804.70020	317.48	57.59	48.836634	-86.930803	55890.82	56251.2	-1.19	55889.63	55880.71094	55830.27292	55822.64063	505077.8	5409297.8
L5080.0	505077.8	5409296.2	4804.79981	317.42	57.59	48.836620	-86.930803	55894.86	56251.2	-1.18	55893.68	55884.51953	55837.34027	55829.26953	505077.8	5409296.2
L5080.0	505077.8	5409294.5	4804.89990	317.02	53.46	48.836605	-86.930802	55898.89	56251.2	-1.18	55897.71	55888.31641	55843.89159	55835.39453	505077.8	5409294.5
L5080.0	505077.8	5409294.5	4805.00000	314.91	53.46	48.836605	-86.930802	55902.98	56251.2	-1.17	55901.81	55892.18750	55851.92393	55843.00391	505077.8	5409294.5
L5080.0	505077.9	5409293.0	4805.10010	313.99	54.09	48.836592	-86.930802	55906.98	56251.2	-1.17	55905.81	55895.96484	55857.89954	55848.57031	505077.9	5409293.0
L5080.0	505077.9	5409292.0	4805.20020	311.77	56.62	48.836582	-86.930802	55911.06	56251.2	-1.18	55909.88	55899.81641	55865.48143	55855.75000	505077.9	5409292.0
L5080.0	505077.9	5409290.6	4805.29981	312.06	56.62	48.836570	-86.930801	55915.06	56251.2	-1.18	55913.87	55903.59766	55871.54414	55861.42188	505077.9	5409290.6
L5080.0	505077.9	5409289.0	4805.39990	312.06	55.93	48.836555	-86.930801	55919.10	56251.2	-1.19	55917.91	55907.42969	55878.85922	55868.35547	505077.9	5409289.0
L5080.0	505077.9	5409287.6	4805.50000	312.27	55.52	48.836543	-86.930801	55923.09	56251.2	-1.19	55921.90	55911.21875	55885.37551	55874.50000	505077.9	5409287.6
L5080.0	505077.9	5409287.6	4805.60010	310.33	55.52	48.836543	-86.930801	55927.12	56251.2	-1.20	55925.92	55915.04297	55892.76104	55881.51953	505077.9	5409287.6
L5080.0	505078.0	5409286.2	4805.70020	309.22	50.34	48.836530	-86.930801	55931.06	56251.2	-1.21	55929.86	55918.79297	55898.81302	55887.22266	505078.0	5409286.2
L5080.0	505078.0	5409284.6	4805.79981	310.73	51.66	48.836516	-86.930800	55935.06	56251.2	-1.21	55933.85	55922.59766	55906.16307	55894.23047	505078.0	5409284.6
L5080.0	505078.0	5409283.4	4805.89990	311.28	57.1	48.836505	-86.930800	55938.98	56251.2	-1.22	55937.76	55926.32813	55912.25920	55899.99609	505078.0	5409283.4
L5080.0	505078.0	5409283.4	4806.00000	312.39	52.38	48.836505	-86.930800	55942.85	56251.2	-1.22	55941.63	55930.02734	55917.93865	55905.35156	505078.0	5409283.4
L5080.0	505078.0	5409281.7	4806.10010	311.36	52.38	48.836490	-86.930800	55946.72	56251.2	-1.22	55945.50	55933.72656	55923.99655	55911.09766	505078.0	5409281.7
L5080.0	505078.0	5409280.4	4806.20020	310.53	52.38	48.836478	-86.930800	55950.56	56251.2	-1.22	55949.34	55937.40625	55929.88179	55916.68359	505078.0	5409280.4
L5080.0	505078.0	5409279.0	4806.29981	308.30	53.08	48.836466	-86.930799	55954.36	56251.2	-1.23	55953.13	55941.03906	55935.25245	55921.76563	505078.0	5409279.0
L5080.0	505078.0	5409279.0	4806.39990	309.84	51.91	48.836466	-86.930799	55958.13	56251.2	-1.23	55956.90	55944.66016	55940.70957	55926.94141	505078.0	5409279.0
L5080.0	505078.1	5409277.6	4806.50000	310.51	50.95	48.836453	-86.930799	55961.92	56251.2	-1.23	55960.69	55948.30078	55947.03511	55932.99609	505078.1	5409277.6
L5080.0	505078.1	5409276.2	4806.60010	312.08	50.95	48.836441	-86.930799	55965.56	56251.2	-1.23	55964.33	55951.80078	55951.09771	55936.80078	505078.1	5409276.2
L5080.0	505078.1	5409274.9	4806.70020	312.03	52.26	48.836428	-86.930799	55969.28	56251.2	-1.23	55968.05	55955.38672	55957.22953	55942.68750	505078.1	5409274.9
L5080.0	505078.1	5409273.5	4806.79981	311.85	45.66	48.836416	-86.930799	55972.85	56251.2	-1.24	55971.61	55958.82031	55960.95836	55946.17969	505078.1	5409273.5
L5080.0	505078.1	5409272.0	4806.89990	311.29	45.66	48.836403	-86.930799	55976.46	56251.2	-1.24	55975.23	55962.31641	55966.44179	55951.43750	505078.1	5409272.0
L5080.0	505078.1	5409272.0	4807.00000	310.88	54.03	48.836403	-86.930799	55979.98	56251.2	-1.24	55978.74	55965.70703	55970.48887	55955.26563	505078.1	5409272.0
L5080.0	505078.1	5409270.3	4807.10010	310.89	54.03	48.836387	-86.930799	55983.50	56251.2	-1.24	55982.26	55969.11328	55975.38595	55959.95703	505078.1	5409270.3
L5080.0	505078.1	5409268.8	4807.20020	310.49	52.96	48.836374	-86.930800	55986.99	56251.2	-1.24	55985.75	55972.49609	55980.38742	55964.76563	505078.1	5409268.8
L5080.0	505078.1	5409267.7	4807.29981	312.00	54.7	48.836364	-86.930800	55990.40	56251.2	-1.24	55989.16	55975.80469	55984.54490	55968.73828	505078.1	5409267.7
L5080.0	505078.0	5409266.0	4807.39990	313.15	54.7	48.836349	-86.930800	55993.79	56251.2	-1.24	55992.55	55979.09766	55989.00680	55973.02734	505078.0	5409266.0
L5080.0	505078.0	5409266.0	4807.50000	313.05	55.23	48.836349	-86.930800	55997.18	56251.2	-1.24	55995.94	55982.39453	55994.15215	55978.01172	505078.0	5409266.0
L5080.0	505078.0	5409264.3	4807.60010	312.58	55.23	48.836334	-86.930800	56000.45	56251.2	-1.24	55999.21	55985.57422	55997.70497	55981.41016	505078.0	5409264.3
L5080.0	505078.0	5409264.3	4807.70020	312.77	55.87	48.836334	-86.930800	56003.73	56251.2	-1.24	56002.49	55988.77344	56002.13269	55985.69531	505078.0	5409264.3
L5080.0	505078.1	5409262.5	4807.79981	313.03	55.87	48.836317	-86.930800	56006.97	56251.2	-1.24	56005.73	55991.93750	56006.48897	55989.92188	505078.1	5409262.5
L5080.0	505078.1	5409261.1	4807.89990	312.36	57.03	48.836305	-86.930800	56010.16	56251.2	-1.24	56008.92	55995.05469	56010.59276	55993.90625	505078.1	5409261.1
L5080.0	505078.1	5409259.4	4808.00000	313.17	57.03	48.836289	-86.930799	56013.32	56251.2	-1.24	56012.08	55998.14844	56014.81904	55998.01953	505078.1	5409259.4
L5080.0	505078.1	5409257.8	4808.10010	313.45	55.24	48.836275	-86.930799	56016.43	56251.2	-1.24	56015.19	56001.19531	56018.80497	56001.90625	505078.1	5409257.8
L5080.0	505078.1	5409257.8	4808.20020	312.89	55.24	48.836275	-86.930799	56019.47	56251.2	-1.24	56018.23	56004.17969	56022.20014	56005.21094	505078.1	5409257.8
L5080.0	505078.1	5409255.9	4808.29981	310.71	61.6	48.836258	-86.930799	56022.48	56251.2	-1.24	56021.24	56007.13672	56025.73709	56008.66406	505078.1	5409255.9
L5080.0	505078.1	5409254.5	4808.39990	309.98	61.6	48.836245	-86.930799	56025.48	56251.2	-1.24	56024.25	56010.09766	56029.94835	56012.80469	505078.1	5409254.5
L5080.0	505078.1	5409254.5	4808.50000	309.38	62.77	48.836245	-86.930799	56028.40	56251.2	-1.24	56027.16	56012.96484	56033.06223	56015.85547	505078.1	5409254.5
L5080.0	505078.1	5409253.1	4808.60010	309.58	62.02	48.836232	-86.930799	56031.25	56251.2	-1.23	56030.02	56015.78516	56035.97836	56018.72266	505078.1	5409253.1
L5080.0	505078.1	5409251.4	4808.70020	307.49	62.02	48.836218	-86.930799	56034.12	56251.2	-1.23	56032.88	56018.60938	56039.57551	56022.27734	505078.1	5409251.4

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5080.0	505078.1	5409250.3	4808.79981	307.23	61.03	48.836207	-86.930799	56036.87	56251.2	-1.23	56035.64	56021.33984	56042.10641	56024.77344	505078.1	5409250.3
L5080.0	505078.1	5409250.3	4808.89990	307.36	62.18	48.836207	-86.930799	56039.66	56251.2	-1.23	56038.43	56024.10156	56045.84397	56028.48828	505078.1	5409250.3
L5080.0	505078.2	5409248.6	4809.00000	308.38	62.18	48.836192	-86.930798	56042.34	56251.2	-1.23	56041.11	56026.75781	56048.34663	56030.97266	505078.2	5409248.6
L5080.0	505078.2	5409247.0	4809.10010	310.41	61.77	48.836178	-86.930798	56044.99	56251.2	-1.23	56043.76	56029.39063	56051.00920	56033.62891	505078.2	5409247.0
L5080.0	505078.2	5409245.3	4809.20020	310.64	61.77	48.836162	-86.930798	56047.64	56251.2	-1.23	56046.42	56032.03516	56054.53745	56037.16016	505078.2	5409245.3
L5080.0	505078.2	5409244.2	4809.29981	309.94	64.46	48.836152	-86.930798	56050.22	56251.2	-1.23	56049.00	56034.60547	56057.35008	56039.98438	505078.2	5409244.2
L5080.0	505078.2	5409244.2	4809.39990	311.12	64.46	48.836152	-86.930798	56052.73	56251.2	-1.23	56051.51	56037.10938	56059.60816	56042.26172	505078.2	5409244.2
L5080.0	505078.2	5409243.1	4809.50000	311.41	64.46	48.836142	-86.930798	56055.32	56251.2	-1.23	56054.09	56039.68359	56063.83075	56046.50781	505078.2	5409243.1
L5080.0	505078.2	5409243.1	4809.60010	311.51	65.43	48.836142	-86.930798	56057.73	56251.2	-1.22	56056.51	56042.10547	56065.85934	56048.57031	505078.2	5409243.1
L5080.0	505078.2	5409240.9	4809.70020	312.45	65.43	48.836123	-86.930798	56060.17	56251.2	-1.22	56058.94	56044.53906	56068.76929	56051.52344	505078.2	5409240.9
L5080.0	505078.2	5409239.8	4809.79981	311.88	57.38	48.836112	-86.930798	56062.54	56251.2	-1.22	56061.32	56046.92578	56071.45512	56054.26172	505078.2	5409239.8
L5080.0	505078.2	5409238.7	4809.89990	312.07	59.34	48.836103	-86.930798	56064.93	56251.2	-1.22	56063.70	56049.31641	56074.85970	56057.72266	505078.2	5409238.7
L5080.0	505078.2	5409237.2	4810.00000	313.29	59.34	48.836090	-86.930798	56067.20	56251.2	-1.22	56065.98	56051.60938	56077.04978	56059.97656	505078.2	5409237.2
L5080.0	505078.2	5409237.2	4810.10010	313.29	64.37	48.836090	-86.930798	56069.56	56251.2	-1.22	56068.34	56053.98828	56081.53197	56064.53125	505078.2	5409237.2
L5080.0	505078.2	5409235.6	4810.20020	312.82	65.74	48.836075	-86.930798	56071.75	56251.2	-1.22	56070.54	56056.20703	56083.55464	56066.63281	505078.2	5409235.6
L5080.0	505078.2	5409234.0	4810.29981	313.40	65.74	48.836061	-86.930798	56074.00	56251.2	-1.22	56072.79	56058.48047	56087.28630	56070.44922	505078.2	5409234.0
L5080.0	505078.2	5409232.8	4810.39990	311.91	65.87	48.836050	-86.930798	56076.13	56251.2	-1.22	56074.91	56060.62500	56089.05888	56072.31250	505078.2	5409232.8
L5080.0	505078.2	5409231.9	4810.50000	312.87	65.87	48.836041	-86.930798	56078.31	56251.2	-1.22	56077.09	56062.83203	56092.75624	56076.10938	505078.2	5409231.9
L5080.0	505078.2	5409230.2	4810.60010	313.09	62.81	48.836026	-86.930798	56080.38	56251.2	-1.21	56079.17	56064.94531	56095.06304	56078.51953	505078.2	5409230.2
L5080.0	505078.2	5409230.2	4810.70020	314.33	65.12	48.836026	-86.930798	56082.42	56251.2	-1.21	56081.21	56067.01563	56097.20680	56080.76953	505078.2	5409230.2
L5080.0	505078.2	5409227.1	4810.79981	313.83	65.12	48.835998	-86.930798	56084.42	56251.2	-1.21	56083.21	56069.05469	56099.17738	56082.85547	505078.2	5409227.1
L5080.0	505078.2	5409225.7	4810.89990	313.65	64.07	48.835986	-86.930798	56086.47	56251.2	-1.21	56085.26	56071.14063	56102.86611	56086.66406	505078.2	5409225.7
L5080.0	505078.2	5409225.7	4811.00000	313.32	64.07	48.835986	-86.930798	56088.39	56251.2	-1.21	56087.18	56073.10156	56104.46533	56088.39063	505078.2	5409225.7
L5080.0	505078.2	5409224.0	4811.10010	313.59	64.71	48.835971	-86.930798	56090.32	56251.2	-1.21	56089.11	56075.07031	56106.91991	56090.97266	505078.2	5409224.0
L5080.0	505078.2	5409224.0	4811.20020	313.89	63.69	48.835971	-86.930798	56092.20	56251.2	-1.20	56090.99	56076.99609	56108.95702	56093.14453	505078.2	5409224.0
L5080.0	505078.2	5409222.4	4811.29981	315.07	63.69	48.835956	-86.930798	56094.01	56251.2	-1.20	56092.81	56078.86328	56110.36466	56094.69141	505078.2	5409222.4
L5080.0	505078.2	5409221.2	4811.39990	315.39	64.55	48.835945	-86.930798	56095.84	56251.2	-1.20	56094.64	56080.74219	56112.59796	56097.06641	505078.2	5409221.2
L5080.0	505078.2	5409220.0	4811.50000	314.23	64.55	48.835935	-86.930798	56097.58	56251.2	-1.19	56096.38	56082.53125	56113.57130	56098.18750	505078.2	5409220.0
L5080.0	505078.2	5409218.6	4811.60010	313.51	65.83	48.835922	-86.930798	56099.32	56251.2	-1.19	56098.13	56084.33203	56115.35172	56100.11719	505078.2	5409218.6
L5080.0	505078.2	5409218.6	4811.70020	312.95	60.19	48.835922	-86.930798	56101.10	56251.2	-1.19	56099.91	56086.16406	56118.32145	56103.24219	505078.2	5409218.6
L5080.0	505078.2	5409216.6	4811.79981	313.11	60.19	48.835905	-86.930798	56102.71	56251.2	-1.19	56101.53	56087.83984	56118.61263	56103.69141	505078.2	5409216.6
L5080.0	505078.2	5409215.3	4811.89990	312.18	64.3	48.835892	-86.930798	56104.36	56251.2	-1.18	56103.17	56089.53516	56119.88049	56105.12109	505078.2	5409215.3
L5080.0	505078.2	5409213.9	4812.00000	309.84	64.3	48.835879	-86.930799	56106.00	56251.2	-1.18	56104.82	56091.23828	56121.89449	56107.29688	505078.2	5409213.9
L5080.0	505078.2	5409212.5	4812.10010	310.99	64.12	48.835867	-86.930799	56107.57	56251.2	-1.18	56106.39	56092.86719	56122.85997	56108.42969	505078.2	5409212.5
L5080.0	505078.2	5409212.5	4812.20020	311.23	65.62	48.835867	-86.930799	56109.12	56251.2	-1.17	56107.94	56094.47656	56123.96262	56109.69922	505078.2	5409212.5
L5080.0	505078.2	5409211.2	4812.29981	311.96	65.62	48.835856	-86.930799	56110.63	56251.2	-1.17	56109.46	56096.05859	56124.99960	56110.90625	505078.2	5409211.2
L5080.0	505078.2	5409209.6	4812.39990	311.18	71.42	48.835841	-86.930799	56112.15	56251.2	-1.17	56110.98	56097.63672	56126.53579	56112.61719	505078.2	5409209.6
L5080.0	505078.2	5409208.2	4812.50000	310.41	71.42	48.835828	-86.930799	56113.62	56251.2	-1.17	56112.45	56099.16797	56127.60263	56113.85938	505078.2	5409208.2
L5080.0	505078.2	5409206.8	4812.60010	310.75	71.6	48.835816	-86.930799	56115.08	56251.2	-1.16	56113.92	56100.70313	56129.14176	56115.57422	505078.2	5409206.8
L5080.0	505078.2	5409205.4	4812.70020	310.55	71.6	48.835803	-86.930799	56116.50	56251.2	-1.16	56115.35	56102.19531	56130.38894	56116.99609	505078.2	5409205.4
L5080.0	505078.2	5409205.4	4812.79981	310.80	71.39	48.835803	-86.930799	56117.86	56251.2	-1.16	56116.70	56103.60938	56130.60481	56117.39453	505078.2	5409205.4
L5080.0	505078.2	5409203.8	4812.89990	311.07	71.39	48.835789	-86.930799	56119.26	56251.2	-1.15	56118.11	56105.08203	56132.35953	56119.32813	505078.2	5409203.8
L5080.0	505078.2	5409202.0	4813.00000	311.85	66.02	48.835773	-86.930799	56120.59	56251.2	-1.15	56119.44	56106.47656	56133.07053	56120.21875	505078.2	5409202.0
L5080.0	505078.2	5409202.0	4813.10010	312.20	68.04	48.835773	-86.930799	56121.94	56251.2	-1.15	56120.79	56107.89063	56134.54790	56121.87500	505078.2	5409202.0
L5080.0	505078.2	5409200.7	4813.20020	312.80	68.04	48.835761	-86.930799	56123.18	56251.2	-1.15	56122.03	56109.19922	56134.45618	56121.96484	505078.2	5409200.7
L5080.0	505078.2	5409198.8	4813.29981	311.98	72.42	48.835744	-86.930799	56124.54	56251.2	-1.15	56123.39	56110.62500	56136.87701	56124.57031	505078.2	5409198.8
L5080.0	505078.2	5409198.8	4813.39990	310.94	69.53	48.835744	-86.930799	56125.73	56251.2	-1.15	56124.58	56111.87891	56136.68122	56124.55469	505078.2	5409198.8
L5080.0	505078.2	5409197.1	4813.50000	309.78	69.53	48.835729	-86.930799	56127.05	56251.2	-1.16	56125.90	56113.26563	56139.11792	56127.17188	505078.2	5409197.1
L5080.0	505078.2	5409195.2	4813.60010	311.97	71.05	48.835712	-86.930799	56128.18	56251.2	-1.16	56127.03	56114.46094	56138.62356	56126.85938	505078.2	5409195.2
L5080.0	505078.2	5409194.0	4813.70020	311.45	71.05	48.835701	-86.930799	56129.49	56251.2	-1.16	56128.33	56115.82813	56141.39834	56129.81641	505078.2	5409194.0
L5080.0	505078.2	5409194.0	4813.79981	310.16	73.27	48.835701	-86.930799	56130.64	56251.2	-1.16	56129.49	56117.05078	56142.11408	56130.71094	505078.2	5409194.0
L5080.0	505078.2	5409192.3	4813.89990	308.80	73.27	48.835685	-86.930799	56131.78	56251.2	-1.16	56130.62	56118.25000	56142.65650	56131.43359	505078.2	5409192.3
L5080.0	505078.2	5409190.7	4814.00000	308.31	70.37	48.835671	-86.930799	56132.93	56251.2	-1.16	56131.77	56119.46484	56143.86457	56132.82031	505078.2	5409190.7
L5080.0	505078.2	5409190.7	4814.10010	309.47	70.37	48.835671	-86.930799	56134.06	56251.2	-1.16	56132.89	56120.64844	56144.88572	56134.01953	505078.2	5409190.7
L5080.0	505078.2	5409189.0	4814.20020	309.29	73.76	48.835656	-86.930798	56135.20	56251.2	-1.16	56134.03	56121.85547	56146.56206	56135.87109	505078.2	5409189.0
L5080.0	505078.2	5409187.6	4814.29981	307.53	75.19	48.835643	-86.930798	56136.28	56251.2	-1.16	56135.12	56123.00781	56147.70308	56137.18750	505078.2	5409187.6
L5080.0	505078.2	5409185.9	4814.39990	307.55	75.19	48.835628	-86.930798	56137.32	56251.2	-1.16	56136.16	56124.11328	56148.29608	56137.95313	505078.2	5409185.9
L5080.0	505078.3	5409184.7	4814.50000	307.52	74.99	48.835617	-86.930798	56138.41	56251.2	-1.16	56137.25	56125.26953	56150.04585	56139.87500	505078.3	5409184.7
L5080.0	505078.3	5409184.7	4814.60010	307.94	75.08	48.835617	-86.930798	56139.46	56251.2	-1.16	56138.30	56126.38281	56151.41047	56141.41016	505078.3	5409184.7
L5080.0	505078.3	5409183.1	4814.70020	308.82	75.08	48.835603	-86.930798	56140.48	56251.2	-1.16	56139.32	56127.46484	56152.54998	56142.71484	505078.3	5409183.1
L5080.0	505078.3	5409181.6	4814.79981	309.95	74.62	48.835590	-86.930797	56141.46	56251.2	-1.16	56140.30	56128.50781	56153.27060	56143.60156	505078.3	5409181.6
L5080.0	505078.3	5409181.6	4814.89990	311.62	79.48	48.835590	-86.930797	56142.47	56251.2	-1.16	56141.31	56129.58203	56154.81297	56145.30859	505078.3	5409181.6
L5080.0	505078.3	5409179.7	4815.00000	310.48	79.48	48.835573	-86.930797	56143.44	56251.2	-1.16	56142.28	56130.61328	56155.92074	56146.57813	505078.3	5409179.7
L5080.0	505078.3	5409178.3	4815.10010	311.39	77.34	48.835560	-86.930797	56144.40	56251.2	-1.16	56143.25	56131.64453	56157.31105	56148.12891	505078.3	5409178.3
L5080.0	505078.4	5409177.2	4815.20020	311.62	77.01	48.835549	-86.930797	56145.34	56251.2	-1.15	56144.19	56132.64453	56158.42139	56149.39453	505078.4	5409177.2
L5080.0	505078.4	5409175.7	4815.29981	312.68	77.01	48.835536	-86.930796	56146.30	56251.1	-1.15	56145.15	56133.66406	56160.19417	56151.32422	505078.4	5409175.7
L5080.0	505078.4	5409175.7	4815.39990	312.85	78.72	48.835536	-86.930796	56147.18	56251.1	-1.14	56146.04	56134.61328	56160.89507	56152.17578	505078.4	5409175.7
L5080.0	505078.4	5409174.3	4815.50000	313.33	80.32	48.835524	-86.930796	56148.09	56251.1	-1.14	56146.95	56135.58203	56162.25165	56153.67969	505078.4	5409174.3
L5080.0	505078.4	5409172.9	4815.60010	313.93	80.32	48.835511	-86.930796	56148.98	56251.1	-1.13	56147.85	56136.53906	56163.68375	56155.25781	505078.4	5409172.9
L5080.0	505078.4	5409171.2	4815.70020	314.72	78.63	48.835496	-86.930796	56149.87	56251.1	-1.13	56148.74	56137.48828	56165.18929	56156.90625	505078.4	5409171.2
L5080.0	505078.4	5409171.2	4815.79981	313.13	81.5	48.835496	-86.930796	56150.70	56251.1	-1.12	56149.57	56138.37500	56165.73343	56157.59375	505078.4	5409171.2
L5080.0	505078.5	5409168.5	4815.89990	315.23	81.5	48.835472	-86.930795	56151.54	56251.1	-1.11	56150.42	56139.28125	56166.94837	56158.94531	505078.5	5409168.5
L5080.0	505078.5	5409168.5	4816.00000	314.54	69.47	48.835472	-86.930795	56152.34	56251.1	-1.11	56151.23	56140.14844	56167.58876	56159.71875	505078.5	5409168.5
L5080.0	505078.5	5409166.7	4816.10010	313.86	69.47	48.835455	-86.930795	56153.12	56251.1	-1.11	56152.01	56140.98047	56167.85173	56160.11328	505078.5	5409166.7
L5080.0	505078.5	5409165.3	4816.20020	312.56	70.25	48.835442	-86.930795	56153.93	56251.1	-1.11	56152.83	56141.85547	56169.22517	56161.61719	505078.5	5409165.3
L5080.0	505078.5	5409165.3	4816.29981	314.05	72.01	48.835442	-86.930795	56154.74	56251.1	-1.11	56153.64	56142.71875	56170.65811	56163.17188	505078.5	5409165.3
L5080.0	505078.5	5409163.1	4816.39990	312.60	72.01	48.835423	-86.930795	56155.46	56251.1	-1.11	56154.35	56143.48438	56170.22234	56162.85938	505078.5	5409163.1
L5080.0	505078.5	5409161.7	4816.50000	313.43	83.81	48.835410	-86.930795	56156.28	56251.1	-1.10	56155.18	56144.36719	56172.63576	56165.39063	505078.5	5409161.7
L5080.0	505078.5	5409160.3	4816.60010	313.80	83.81	48.835397	-86.930795	56156.96	56251.1	-1.10	56155.86	56145.09766	56172.11077	56164.98047	505078.5	5409160.3
L5080.0	505078.5	5409160.3	4816.70020	314.22	84.31	48.835397	-86.930795	56157.73	56251.1	-1.10	56156.63	56145.91797	56173.80226	56166.78516	505078.5	5409160.3
L5080.0	505078.5	5409158.8	4816.79981	314.94	84.31	48.835384	-86.930794	56158.39	56251.1	-1.10	56157.29	56146.62891	56173.42349	56166.51563	505078.5	5409158.8
L5080.0	505078.5	5409156.9	4816.89990	313.74	84.48	48.835367	-86.930794	56159.17	56251.1	-1.10	56158.07	56147.45703	56175.90526	56169.10156	505078.5	5409156.9
L5080.0	505078.5	5409156.9	4817.00000	312.91	84.48	48.835367	-86.930794	56159.73	56251.1	-1.10	56158.63	56148.06641	56173.98145	56167.28125	505078.5	5409156.9
L5080.0	505078.6	5409155.3	4817.10010	311.80	83.64	48.835352	-86.930794	56160.46	56251.1	-1.10	56159.36	56148.84375	56175.98386	56169.38281	505078.6	5409155.3
L5080.0	505078.6	5409153.8	4817.20020	312.02	83.64	48.835339	-86.930794	56161.07	56251.1	-1.10	56159.97	56149.50391	56175.73336	56169.22656	505078.6	5409153.8
L5080.0	505078.6	5409152.6	4817.29981	313.00	80.58	48.835329	-86.930794	56161.77	56251.1	-1.11	56160.66	56150.23828	56177.47952	56171.06641	505078.6	5409152.6
L5080.0	505078.6	5409151.0	4817.39990	312.65	77.83	48.835314	-86.930793	56162.38	56251.1	-1.11	56161.27	56150.89844	56177.83240	56171.50781	505078.6	5409151.0
L5080.0	505078.6	5409151.0	4817.50000	312.57	77.83	48.835314	-86.930793	56162.99	56251.1	-1.11	56161.88	56151.55469	56178.48717	56172.25000	505078.6	5409151.0
L5080.0	505078.6	5409149.1	4817.60010	314.17	78.77	48.835297	-86.930793	56163.60	56251.1	-1.11	56162.49	56152.20703	56179.44207	56173.28516	505078.6	5409149.1
L5080.0	505078.7	5409147.7	4817.70020	313.23	80.64	48.835284	-86.930793	56164.15	56251.1	-1.11	56163.03	56152.79297	56179.23280	56173.15625	505078.7	5409147.7
L5080.0	505078.7	5409147.7	4817.79981	313.40	80.64	48.835284	-86.930793	56164.77	56251.1	-1.12	56163.65	56153.45703	56180.99541	56174.99609	505078.7	5409147.7
L5080.0	505078.7	5409146.3	4817.89990	313.76	80.42	48.835271	-86.930793	56165.24	56251.1	-1.12	56164.12	56153.97266	56179.93614	56174.00781	505078.7	5409146.3
L5080.0	505078.7	5409144.6	4818.00000	314.74	80.42	48.835256	-86.930792	56165.77	56251.1	-1.12	56164.65	56154.54688	56180.42751	56174.57031	505078.7	5409144.6

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5080.0	505078.7	5409143.2	4818.10010	313.24	81.06	48.835244	-86.930792	56166.31	56251.1	-1.12	56165.19	56155.12891	56181.42272	56175.63281	505078.7	5409143.2
L5080.0	505078.7	5409143.2	4818.20020	313.05	80.26	48.835244	-86.930792	56166.83	56251.1	-1.12	56165.71	56155.69141	56182.29904	56176.57031	505078.7	5409143.2
L5080.0	505078.7	5409141.8	4818.29981	312.08	80.26	48.835231	-86.930792	56167.27	56251.1	-1.11	56166.16	56156.18359	56182.03002	56176.36328	505078.7	5409141.8
L5080.0	505078.7	5409140.4	4818.39990	311.46	78.55	48.835218	-86.930792	56167.77	56251.1	-1.11	56166.65	56156.71484	56182.87728	56177.26563	505078.7	5409140.4
L5080.0	505078.7	5409138.5	4818.50000	312.43	78.55	48.835201	-86.930792	56168.25	56251.1	-1.11	56167.14	56157.24609	56184.01314	56178.45703	505078.7	5409138.5
L5080.0	505078.7	5409138.5	4818.60010	313.14	80.6	48.835201	-86.930792	56168.68	56251.1	-1.11	56167.57	56157.71875	56184.21257	56178.70703	505078.7	5409138.5
L5080.0	505078.7	5409137.3	4818.70020	313.12	83.87	48.835190	-86.930792	56169.12	56251.1	-1.11	56168.01	56158.19922	56184.90304	56179.44531	505078.7	5409137.3
L5080.0	505078.7	5409135.7	4818.79981	314.10	83.87	48.835176	-86.930792	56169.57	56251.1	-1.10	56168.47	56158.70313	56186.28079	56180.87109	505078.7	5409135.7
L5080.0	505078.7	5409134.3	4818.89990	312.76	87.14	48.835164	-86.930792	56169.91	56251.1	-1.10	56168.81	56159.08203	56185.51748	56180.14844	505078.7	5409134.3
L5080.0	505078.7	5409134.3	4819.00000	312.52	86.27	48.835164	-86.930792	56170.26	56251.1	-1.10	56169.16	56159.47266	56185.24531	56179.91797	505078.7	5409134.3
L5080.0	505078.7	5409132.3	4819.10010	309.94	86.27	48.835146	-86.930792	56170.57	56251.1	-1.10	56169.48	56159.83203	56184.65815	56179.36719	505078.7	5409132.3
L5080.0	505078.7	5409130.9	4819.20020	311.57	84	48.835133	-86.930793	56170.98	56251.1	-1.09	56169.88	56160.27344	56185.95471	56180.69922	505078.7	5409130.9
L5080.0	505078.7	5409129.5	4819.29981	311.64	84	48.835120	-86.930793	56171.29	56251.1	-1.09	56170.19	56160.62109	56185.73374	56180.51172	505078.7	5409129.5
L5080.0	505078.7	5409129.5	4819.39990	312.50	81.66	48.835120	-86.930793	56171.67	56251.1	-1.09	56170.58	56161.05078	56187.38439	56182.19141	505078.7	5409129.5
L5080.0	505078.7	5409127.7	4819.50000	311.33	81.66	48.835105	-86.930793	56171.97	56251.1	-1.08	56170.88	56161.39063	56187.52209	56182.35547	505078.7	5409127.7
L5080.0	505078.7	5409125.9	4819.60010	311.70	80.28	48.835088	-86.930793	56172.25	56251.1	-1.08	56171.17	56161.72266	56187.73867	56182.59766	505078.7	5409125.9
L5080.0	505078.7	5409125.9	4819.70020	312.23	80.28	48.835088	-86.930793	56172.53	56251.1	-1.08	56171.45	56162.04297	56188.03235	56182.91406	505078.7	5409125.9
L5080.0	505078.7	5409124.4	4819.79981	311.94	81.24	48.835075	-86.930793	56172.80	56251.1	-1.08	56171.72	56162.35156	56188.40142	56183.30469	505078.7	5409124.4
L5080.0	505078.7	5409123.0	4819.89990	311.79	81.24	48.835062	-86.930793	56173.06	56251.1	-1.07	56171.98	56162.65234	56188.84282	56183.76172	505078.7	5409123.0
L5080.0	505078.7	5409121.4	4820.00000	311.59	80.01	48.835047	-86.930793	56173.27	56251.1	-1.07	56172.20	56162.91016	56188.75376	56183.68750	505078.7	5409121.4
L5080.0	505078.7	5409121.4	4820.10010	311.80	80.01	48.835047	-86.930793	56173.51	56251.1	-1.07	56172.44	56163.19141	56189.32372	56184.27344	505078.7	5409121.4
L5080.0	505078.7	5409119.4	4820.20020	311.80	82.04	48.835030	-86.930793	56173.69	56251.1	-1.07	56172.62	56163.41016	56188.94848	56183.91016	505078.7	5409119.4
L5080.0	505078.7	5409118.2	4820.29981	313.82	81.69	48.835019	-86.930793	56173.88	56251.1	-1.07	56172.81	56163.64063	56189.02034	56183.98828	505078.7	5409118.2
L5080.0	505078.7	5409116.7	4820.39990	312.16	81.69	48.835006	-86.930793	56173.96	56251.1	-1.07	56172.89	56163.75781	56187.11343	56182.08984	505078.7	5409116.7
L5080.0	505078.7	5409116.7	4820.50000	311.62	85.45	48.835006	-86.930793	56174.17	56251.1	-1.07	56173.09	56164.00000	56187.86073	56182.84375	505078.7	5409116.7
L5080.0	505078.7	5409114.0	4820.60010	312.15	82.24	48.834981	-86.930793	56174.20	56251.1	-1.08	56173.12	56164.07031	56185.38558	56180.37109	505078.7	5409114.0
L5080.0	505078.7	5409114.0	4820.70020	311.37	82.24	48.834981	-86.930793	56174.35	56251.1	-1.08	56173.27	56164.25781	56185.56904	56180.55859	505078.7	5409114.0
L5080.0	505078.7	5409112.1	4820.79981	311.67	84.18	48.834964	-86.930793	56174.45	56251.1	-1.08	56173.37	56164.39844	56184.95094	56179.93750	505078.7	5409112.1
L5080.0	505078.7	5409110.5	4820.89990	312.74	84.18	48.834949	-86.930793	56174.63	56251.1	-1.08	56173.55	56164.62109	56186.18934	56181.17578	505078.7	5409110.5
L5080.0	505078.7	5409110.5	4821.00000	313.55	76.46	48.834949	-86.930793	56174.70	56251.1	-1.08	56173.62	56164.73047	56185.37882	56180.36328	505078.7	5409110.5
L5080.0	505078.7	5409108.6	4821.10010	314.00	76.46	48.834933	-86.930793	56174.79	56251.1	-1.07	56173.72	56164.87109	56185.38990	56180.36719	505078.7	5409108.6
L5080.0	505078.7	5409107.3	4821.20020	313.80	74.72	48.834921	-86.930793	56174.88	56251.1	-1.07	56173.81	56165.00391	56185.39293	56180.36719	505078.7	5409107.3
L5080.0	505078.7	5409107.3	4821.29981	313.71	80.4	48.834921	-86.930793	56174.98	56251.1	-1.06	56173.92	56165.15625	56186.00468	56180.96875	505078.7	5409107.3
L5080.0	505078.7	5409105.9	4821.39990	313.10	80.4	48.834909	-86.930792	56175.04	56251.1	-1.06	56173.98	56165.25781	56185.76242	56180.71875	505078.7	5409105.9
L5080.0	505078.7	5409104.4	4821.50000	313.72	81.55	48.834895	-86.930792	56175.13	56251.1	-1.05	56174.07	56165.38672	56186.32306	56181.26953	505078.7	5409104.4
L5080.0	505078.7	5409103.3	4821.60010	314.07	82.42	48.834885	-86.930792	56175.18	56251	-1.04	56174.14	56165.50000	56186.63579	56181.57031	505078.7	5409103.3
L5080.0	505078.7	5409103.3	4821.70020	312.52	82.42	48.834885	-86.930792	56175.18	56251	-1.04	56174.15	56165.55078	56185.85290	56180.77734	505078.7	5409103.3
L5080.0	505078.8	5409102.0	4821.79981	311.49	83.1	48.834874	-86.930792	56175.24	56251	-1.03	56174.21	56165.65625	56186.27062	56181.17969	505078.8	5409102.0
L5080.0	505078.8	5409100.7	4821.89990	311.05	85.59	48.834862	-86.930792	56175.25	56251	-1.03	56174.22	56165.70703	56185.78708	56180.67969	505078.8	5409100.7
L5080.0	505078.8	5409099.1	4822.00000	312.72	85.59	48.834847	-86.930792	56175.32	56251	-1.02	56174.30	56165.83203	56186.90821	56181.78516	505078.8	5409099.1
L5080.0	505078.8	5409099.1	4822.10010	311.69	85.86	48.834847	-86.930792	56175.26	56251	-1.02	56174.24	56165.81641	56185.23417	56180.09766	505078.8	5409099.1
L5080.0	505078.8	5409097.8	4822.20020	312.36	85.86	48.834836	-86.930791	56175.30	56251	-1.02	56174.28	56165.89844	56185.77823	56180.62109	505078.8	5409097.8
L5080.0	505078.8	5409096.6	4822.29981	312.50	84.99	48.834825	-86.930791	56175.29	56251	-1.02	56174.27	56165.93359	56185.40165	56180.22656	505078.8	5409096.6
L5080.0	505078.8	5409095.2	4822.39990	313.23	84.99	48.834812	-86.930791	56175.26	56251	-1.02	56174.24	56165.94531	56184.72822	56179.53516	505078.8	5409095.2
L5080.0	505078.8	5409094.0	4822.50000	314.07	90.97	48.834801	-86.930791	56175.27	56251	-1.02	56174.25	56166.00000	56184.99691	56179.78516	505078.8	5409094.0
L5080.0	505078.8	5409094.0	4822.60010	314.64	84.97	48.834801	-86.930791	56175.26	56251	-1.02	56174.24	56166.03516	56184.95782	56179.72266	505078.8	5409094.0
L5080.0	505078.9	5409092.4	4822.70020	312.94	84.97	48.834787	-86.930791	56175.18	56251	-1.02	56174.16	56166.00000	56183.57852	56178.32422	505078.9	5409092.4
L5080.0	505078.9	5409091.3	4822.79981	313.37	84.53	48.834777	-86.930791	56175.18	56251	-1.02	56174.16	56166.04688	56183.94624	56178.66797	505078.9	5409091.3
L5080.0	505078.9	5409091.3	4822.89990	313.01	84.53	48.834777	-86.930791	56175.16	56251	-1.02	56174.14	56166.07031	56183.99396	56178.69141	505078.9	5409091.3
L5080.0	505078.9	5409089.9	4823.00000	313.04	86.41	48.834765	-86.930790	56175.06	56251	-1.02	56174.04	56166.01953	56182.48305	56177.16016	505078.9	5409089.9
L5080.0	505078.9	5409088.8	4823.10010	311.62	84.75	48.834754	-86.930790	56175.06	56251	-1.02	56174.04	56166.06250	56183.10743	56177.76172	505078.9	5409088.8
L5080.0	505078.9	5409088.8	4823.20020	310.92	84.75	48.834754	-86.930790	56175.00	56251	-1.02	56173.98	56166.05078	56182.57124	56177.19922	505078.9	5409088.8
L5080.0	505078.9	5409087.3	4823.29981	309.60	88.99	48.834741	-86.930790	56174.96	56251	-1.02	56173.94	56166.05859	56182.51417	56177.11719	505078.9	5409087.3
L5080.0	505078.9	5409086.2	4823.39990	310.33	89.32	48.834731	-86.930790	56174.88	56251	-1.02	56173.86	56166.02344	56181.69278	56176.27344	505078.9	5409086.2
L5080.0	505078.9	5409084.9	4823.50000	311.89	89.32	48.834719	-86.930790	56174.83	56251	-1.02	56173.81	56166.02344	56181.54634	56176.10156	505078.9	5409084.9
L5080.0	505078.9	5409084.9	4823.60010	312.74	88.17	48.834719	-86.930790	56174.75	56251	-1.02	56173.73	56165.98828	56180.82848	56175.35547	505078.9	5409084.9
L5080.0	505078.9	5409083.5	4823.70020	312.01	88.17	48.834707	-86.930790	56174.73	56251	-1.02	56173.71	56166.01563	56181.40649	56175.91016	505078.9	5409083.5
L5080.0	505079.0	5409082.4	4823.79981	312.36	89.76	48.834697	-86.930790	56174.62	56251	-1.02	56173.60	56165.95313	56180.14972	56174.62500	505079.0	5409082.4
L5080.0	505079.0	5409082.4	4823.89990	312.43	90.04	48.834697	-86.930790	56174.60	56251	-1.02	56173.58	56165.98438	56180.81593	56175.26563	505079.0	5409082.4
L5080.0	505079.0	5409081.3	4824.00000	313.77	90.04	48.834687	-86.930790	56174.55	56251	-1.02	56173.53	56165.98047	56180.89161	56175.31641	505079.0	5409081.3
L5080.0	505079.0	5409080.0	4824.10010	313.71	89.55	48.834675	-86.930790	56174.45	56251	-1.02	56173.43	56165.92969	56179.93655	56174.33594	505079.0	5409080.0
L5080.0	505079.0	5409078.8	4824.20020	314.25	91.18	48.834665	-86.930789	56174.38	56251	-1.01	56173.36	56165.90625	56179.63819	56174.00781	505079.0	5409078.8
L5080.0	505079.0	5409078.8	4824.29981	314.07	91.18	48.834665	-86.930789	56174.35	56251	-1.01	56173.34	56165.93750	56180.42942	56174.77344	505079.0	5409078.8
L5080.0	505079.0	5409077.6	4824.39990	314.03	91.1	48.834654	-86.930789	56174.22	56251	-1.01	56173.21	56165.85547	56178.87047	56173.18750	505079.0	5409077.6
L5080.0	505079.0	5409076.7	4824.50000	310.22	91.1	48.834646	-86.930789	56174.17	56251	-1.00	56173.16	56165.85547	56179.03656	56173.32813	505079.0	5409076.7
L5080.0	505079.0	5409075.7	4824.60010	309.21	91.84	48.834637	-86.930789	56174.07	56251	-1.00	56173.06	56165.80469	56178.12390	56172.38672	505079.0	5409075.7
L5080.0	505079.0	5409075.7	4824.70020	312.40	91.84	48.834637	-86.930789	56174.04	56251	-1.00	56173.04	56165.83203	56178.93699	56173.17578	505079.0	5409075.7
L5080.0	505079.0	5409074.0	4824.79981	311.76	89.53	48.834621	-86.930789	56173.98	56251	-1.00	56172.98	56165.82031	56178.88112	56173.09375	505079.0	5409074.0
L5080.0	505079.0	5409074.0	4824.89990	311.67	89.74	48.834621	-86.930789	56173.89	56251	-0.99	56172.90	56165.78906	56178.39048	56172.57422	505079.0	5409074.0
L5080.0	505079.0	5409073.1	4825.00000	314.01	89.74	48.834613	-86.930789	56173.86	56251	-0.99	56172.87	56165.80859	56178.95899	56173.11719	505079.0	5409073.1
L5080.0	505079.0	5409072.2	4825.10010	315.17	90.8	48.834605	-86.930789	56173.74	56251	-0.99	56172.75	56165.73828	56177.61182	56171.74219	505079.0	5409072.2
L5080.0	505079.0	5409071.1	4825.20020	314.79	90.8	48.834596	-86.930789	56173.68	56251	-0.99	56172.69	56165.72656	56177.53027	56171.63672	505079.0	5409071.1
L5080.0	505079.0	5409071.1	4825.29981	315.22	90.41	48.834596	-86.930789	56173.61	56251	-0.99	56172.62	56165.70703	56177.23243	56171.31250	505079.0	5409071.1
L5080.0	505079.0	5409070.1	4825.39990	315.15	90.41	48.834586	-86.930789	56173.56	56251	-0.99	56172.57	56165.70703	56177.33828	56171.39063	505079.0	5409070.1
L5080.0	505079.0	5409069.2	4825.50000	315.14	92.39	48.834579	-86.930790	56173.46	56251	-0.99	56172.47	56165.65625	56176.41707	56170.44531	505079.0	5409069.2
L5080.0	505079.0	5409068.3	4825.60010	314.50	92.39	48.834570	-86.930790	56173.37	56251	-0.99	56172.38	56165.61328	56175.70273	56169.70703	505079.0	5409068.3
L5080.0	505079.0	5409068.3	4825.70020	314.38	93.94	48.834570	-86.930790	56173.38	56251	-0.99	56172.39	56165.67188	56176.97335	56170.94922	505079.0	5409068.3
L5080.0	505079.0	5409067.3	4825.79981	310.99	93.94	48.834561	-86.930790	56173.28	56251	-0.99	56172.29	56165.62109	56176.04394	56169.99609	505079.0	5409067.3
L5080.0	505079.0	5409067.3	4825.89990	309.88	94.03	48.834561	-86.930790	56173.24	56251	-0.99	56172.25	56165.62891	56176.28478	56170.21094	505079.0	5409067.3
L5080.0	505079.0	5409066.5	4826.00000	308.59	94.87	48.834554	-86.930790	56173.18	56251	-0.99	56172.19	56165.61719	56176.12125	56170.02344	505079.0	5409066.5
L5080.0	505079.0	5409065.7	4826.10010	309.11	94.87	48.834547	-86.930790	56173.14	56251	-0.99	56172.15	56165.62500	56176.32737	56170.20703	505079.0	5409065.7
L5080.0	505079.0	5409064.9	4826.20020	309.30	94.14	48.834540	-86.930790	56173.03	56251	-0.99	56172.04	56165.56641	56175.19297	56169.04688	505079.0	5409064.9
L5080.0	505079.0	5409064.1	4826.29981	307.97	94.14	48.834532	-86.930790	56173.02	56251	-0.99	56172.03	56165.60156	56175.93855	56169.76953	505079.0	5409064.1
L5080.0	505079.0	5409064.1	4826.39990	308.70	95.19	48.834532	-86.930790	56172.95	56251	-0.99	56171.96	56165.58203	56175.54378	56169.35156	505079.0	5409064.1
L5080.0	505079.0	5409063.3	4826.50000	311.53	95.19	48.834525	-86.930790	56172.88	56251	-0.99	56171.89	56165.55859	56175.14218	56168.92578	505079.0	5409063.3
L5080.0	505079.0	5409062.4	4826.60010	311.26	94	48.834517	-86.930790	56172.86	56251	-0.98	56171.87	56165.58594	56175.65700	56169.41797	505079.0	5409062.4
L5080.0	505079.0	5409061.5	4826.70020	312.50	94	48.834509	-86.930790	56172.76	56251	-0.98	56171.78	56165.54297	56174.87027	56168.60938	505079.0	5409061.5
L5080.0	505079.0	5409061.5	4826.79981	311.57	93.77	48.834509	-86.930790	56172.72	56251	-0.98	56171.74	56165.54688	56174.99864	56168.71484	505079.0	5409061.5
L5080.0	505079.0	5409060.8	4826.89990	313.37	93.99	48.834502	-86.930790	56172.71	56251	-0.98	56171.73	56165.58203	56175.67526	56169.36719	505079.0	5409060.8
L5080.0	505079.0	5409060.1	4827.00000	313.95	84.07	48.834496	-86.930790	56172.59	56251	-0.98	56171.61	56165.50781	56174.30796	56167.98047	505079.0	5409060.1
L5080.0	505079.0	5409060.1	4827.10010	313.61	84.07	48.834496	-86.930790	56172.64	56251	-0.98	56171.66	56165.60547	56176.09814	56169.74609	505079.0	5409060.1
L5080.0	505079.0	5409059.2	4827.20020	311.46	82.99	48.834488	-86.930789	56172.50	56251	-0.98	56171.53	56165.51953	56174.51410	56168.14063	505079.0	5409059.2
L5080.0	505079.0	5409058.7	4827.29981	311.32	94.66	48.834483	-86.930789	56172.46	56251	-0.98	56171.49	56165.52344	56174.60741	56168.21484	505079.0	5409058.7

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5080.0	505079.0	5409057.9	4827.39990	311.36	94.66	48.834477	-86.930789	56172.45	56251	-0.98	56171.48	56165.55859	56175.26925	56168.85547	505079.0	5409057.9
L5080.0	505079.0	5409057.9	4827.50000	310.72	94.29	48.834477	-86.930789	56172.40	56251	-0.98	56171.43	56165.55469	56175.15575	56168.72266	505079.0	5409057.9
L5080.0	505079.0	5409057.3	4827.60010	309.93	91.89	48.834471	-86.930789	56172.32	56251	-0.97	56171.35	56165.51563	56174.43995	56167.98438	505079.0	5409057.3
L5080.0	505079.0	5409056.6	4827.70020	310.42	91.89	48.834465	-86.930790	56172.38	56251	-0.97	56171.41	56165.62109	56176.45830	56169.98438	505079.0	5409056.6
L5080.0	505079.0	5409055.9	4827.79981	310.10	91.89	48.834459	-86.930790	56172.22	56251	-0.97	56171.25	56165.50000	56174.12908	56167.63672	505079.0	5409055.9
L5080.0	505078.9	5409055.5	4827.89990	309.69	91.89	48.834455	-86.930790	56172.21	56251	-0.97	56171.24	56165.53516	56174.74990	56168.23828	505078.9	5409055.5
L5080.0	505078.9	5409055.5	4828.00000	312.37	88.17	48.834455	-86.930790	56172.15	56251	-0.97	56171.18	56165.51563	56174.36555	56167.83203	505078.9	5409055.5
L5080.0	505078.9	5409054.9	4828.10010	314.81	88.17	48.834449	-86.930790	56172.10	56251	-0.97	56171.13	56165.50781	56174.16893	56167.61719	505078.9	5409054.9
L5080.0	505078.9	5409054.2	4828.20020	312.32	90.45	48.834444	-86.930791	56172.05	56251	-0.97	56171.08	56165.49609	56173.96180	56167.39063	505078.9	5409054.2
L5080.0	505078.9	5409053.7	4828.29981	313.53	90.45	48.834439	-86.930791	56171.97	56251	-0.97	56171.00	56165.45703	56173.13954	56166.55078	505078.9	5409053.7
L5080.0	505078.9	5409053.7	4828.39990	313.55	90.29	48.834439	-86.930791	56171.95	56251	-0.97	56170.98	56165.47656	56173.51754	56166.91016	505078.9	5409053.7
L5080.0	505078.9	5409053.2	4828.50000	315.26	86.37	48.834435	-86.930791	56171.91	56251	-0.96	56170.94	56165.47266	56173.48287	56166.85938	505078.9	5409053.2
L5080.0	505078.8	5409052.8	4828.60010	314.10	86.37	48.834431	-86.930791	56171.89	56251	-0.96	56170.93	56165.50391	56174.04717	56167.40625	505078.8	5409052.8
L5080.0	505078.8	5409052.5	4828.70020	315.47	86.52	48.834428	-86.930792	56171.87	56251	-0.96	56170.91	56165.51953	56174.39853	56167.73828	505078.8	5409052.5
L5080.0	505078.8	5409051.8	4828.79981	312.72	87.76	48.834422	-86.930792	56171.77	56251	-0.96	56170.80	56165.44922	56172.90379	56166.22656	505078.8	5409051.8
L5080.0	505078.8	5409051.8	4828.89990	313.57	87.76	48.834422	-86.930792	56171.74	56251	-0.96	56170.78	56165.46484	56173.22725	56166.53516	505078.8	5409051.8
L5080.0	505078.8	5409051.3	4829.00000	311.85	90.11	48.834417	-86.930792	56171.74	56251	-0.96	56170.78	56165.50000	56173.94428	56167.23438	505078.8	5409051.3
L5080.0	505078.8	5409050.8	4829.10010	311.88	90.11	48.834413	-86.930792	56171.64	56251	-0.96	56170.68	56165.43359	56172.60063	56165.87500	505078.8	5409050.8
L5080.0	505078.8	5409050.4	4829.20020	311.55	90.76	48.834409	-86.930793	56171.70	56251	-0.96	56170.73	56165.51953	56174.30518	56167.56250	505078.8	5409050.4
L5080.0	505078.8	5409050.4	4829.29981	311.97	90.76	48.834409	-86.930793	56171.56	56251	-0.96	56170.60	56165.42188	56172.30533	56165.54688	505078.8	5409050.4
L5080.0	505078.8	5409049.8	4829.39990	310.88	90.15	48.834404	-86.930793	56171.59	56251	-0.96	56170.63	56165.48828	56173.56020	56166.78516	505078.8	5409049.8
L5080.0	505078.8	5409049.4	4829.50000	309.74	91.46	48.834400	-86.930793	56171.54	56251	-0.96	56170.57	56165.46094	56172.94512	56166.15234	505078.8	5409049.4
L5080.0	505078.7	5409049.0	4829.60010	314.22	91.46	48.834397	-86.930793	56171.54	56251	-0.97	56170.57	56165.49219	56173.53712	56166.73047	505078.7	5409049.0
L5080.0	505078.7	5409049.0	4829.70020	315.79	91.39	48.834397	-86.930793	56171.48	56251	-0.97	56170.52	56165.47266	56173.07087	56166.24609	505078.7	5409049.0
L5080.0	505078.8	5409048.7	4829.79981	316.24	91.39	48.834394	-86.930793	56171.48	56251	-0.97	56170.52	56165.50391	56173.60915	56166.76953	505078.8	5409048.7
L5080.0	505078.7	5409048.3	4829.89990	311.82	92.3	48.834390	-86.930793	56171.39	56251	-0.97	56170.42	56165.43359	56172.03213	56165.17969	505078.7	5409048.3
L5080.0	505078.7	5409048.0	4830.00000	311.71	91.23	48.834387	-86.930793	56171.46	56251	-0.97	56170.49	56165.53125	56173.97589	56167.10547	505078.7	5409048.0
L5080.0	505078.7	5409048.0	4830.10010	314.54	91.23	48.834387	-86.930793	56171.46	56251	-0.97	56170.49	56165.56250	56174.43012	56167.54688	505078.7	5409048.0
L5080.0	505078.7	5409047.6	4830.20020	313.76	89.91	48.834384	-86.930793	56171.39	56251	-0.97	56170.42	56165.51953	56173.35437	56166.45703	505078.7	5409047.6
L5080.0	505078.7	5409047.3	4830.29981	313.06	89.91	48.834382	-86.930793	56171.36	56251	-0.97	56170.40	56165.52734	56173.29859	56166.38672	505078.7	5409047.3
L5080.0	505078.7	5409047.3	4830.39990	312.43	88.72	48.834382	-86.930793	56171.21	56251	-0.97	56170.25	56165.40234	56170.33247	56163.40625	505078.7	5409047.3
L5080.0	505078.7	5409047.1	4830.50000	312.89	89.3	48.834379	-86.930793	56171.16	56251	-0.97	56170.20	56165.37891	56169.46445	56162.52344	505078.7	5409047.1
L5080.0	505078.7	5409046.8	4830.60010	313.49	89.3	48.834377	-86.930794	56171.16	56251	-0.96	56170.20	56165.40234	56169.65117	56162.69531	505078.7	5409046.8
L5080.0	505078.7	5409046.8	4830.70020	312.99	91.5	48.834377	-86.930794	56171.16	56251	-0.96	56170.20	56165.42969	56169.78794	56162.81641	505078.7	5409046.8
L5080.0	505078.7	5409046.5	4830.79981	315.08	91.5	48.834374	-86.930794	56171.16	56251	-0.96	56170.20	56165.45313	56169.87144	56162.88672	505078.7	5409046.5
L5080.0	505078.7	5409046.3	4830.89990	316.75	86.75	48.834372	-86.930794	56171.14	56251	-0.96	56170.18	56165.45703	56169.41845	56162.41797	505078.7	5409046.3
L5080.0	505078.7	5409046.0	4831.00000	319.21	86.75	48.834370	-86.930794	56171.14	56251	-0.96	56170.18	56165.47656	56169.37594	56162.36328	505078.7	5409046.0
L5080.0	505078.7	5409046.0	4831.10010	316.31	95.25	48.834370	-86.930794	56171.18	56251	-0.96	56170.22	56165.53906	56170.26478	56163.23438	505078.7	5409046.0
L5080.0	505078.7	5409045.8	4831.20020	316.74	95.25	48.834368	-86.930794	56171.21	56251	-0.97	56170.24	56165.58203	56170.61607	56163.57422	505078.7	5409045.8
L5080.0	505078.7	5409045.8	4831.29981	315.55	86.67	48.834368	-86.930794	56171.23	56251	-0.97	56170.26	56165.62109	56170.91524	56163.85938	505078.7	5409045.8
L5080.0	505078.7	5409045.5	4831.39990	316.59	90.98	48.834365	-86.930794	56171.29	56251	-0.98	56170.31	56165.69141	56171.94365	56164.87109	505078.7	5409045.5
L5080.0	505078.7	5409045.3	4831.50000	315.93	90.98	48.834363	-86.930794	56171.31	56251	-0.98	56170.33	56165.73047	56172.14094	56165.05469	505078.7	5409045.3
L5080.0	505078.7	5409045.0	4831.60010	316.79	91.94	48.834361	-86.930794	56171.34	56251	-0.98	56170.36	56165.78125	56171.63347	56164.53516	505078.7	5409045.0
L5080.0	505078.7	5409044.8	4831.70020	317.10	91.94	48.834359	-86.930794	56171.36	56251	-0.99	56170.38	56165.81641	56171.76283	56164.64844	505078.7	5409044.8
L5080.0	505078.7	5409044.6	4831.79981	318.15	92.17	48.834357	-86.930794	56171.41	56251	-0.99	56170.42	56165.87500	56172.21266	56165.08594	505078.7	5409044.6
L5080.0	505078.7	5409044.6	4831.89990	320.46	92.19	48.834357	-86.930794	56171.41	56251	-1.00	56170.42	56165.89063	56171.92167	56164.78125	505078.7	5409044.6
L5080.0	505078.6	5409044.4	4832.00000	321.95	92.19	48.834355	-86.930794	56171.48	56251	-1.00	56170.48	56165.96875	56172.66192	56165.50781	505078.6	5409044.4
L5080.0	505078.6	5409044.4	4832.10010	318.78	91.17	48.834355	-86.930794	56171.48	56251	-1.00	56170.48	56165.98438	56172.29965	56165.12891	505078.6	5409044.4
L5080.0	505078.6	5409044.2	4832.20020	321.08	91.95	48.834353	-86.930794	56171.52	56251	-1.00	56170.51	56166.02734	56172.43667	56165.25391	505078.6	5409044.2
L5080.0	505078.6	5409044.0	4832.29981	322.20	91.95	48.834351	-86.930795	56171.54	56251	-1.00	56170.54	56166.07031	56172.53875	56165.34375	505078.6	5409044.0
L5080.0	505078.6	5409044.0	4832.39990	321.28	92.12	48.834351	-86.930795	56171.59	56251	-1.00	56170.59	56166.13672	56172.95624	56165.74609	505078.6	5409044.0
L5080.0	505078.6	5409043.8	4832.50000	320.20	90.63	48.834350	-86.930795	56171.59	56251	-1.01	56170.58	56166.13672	56172.29608	56165.07031	505078.6	5409043.8
L5080.0	505078.6	5409043.6	4832.60010	319.15	90.63	48.834348	-86.930795	56171.64	56251	-1.01	56170.64	56166.21094	56172.92600	56165.68750	505078.6	5409043.6
L5080.0	505078.6	5409043.6	4832.70020	319.64	90.35	48.834348	-86.930795	56171.67	56251	-1.01	56170.66	56166.24219	56172.50945	56165.25781	505078.6	5409043.6
L5080.0	505078.6	5409043.4	4832.79981	316.17	90.95	48.834346	-86.930795	56171.70	56251	-1.01	56170.69	56166.28516	56172.33149	56165.06250	505078.6	5409043.4
L5080.0	505078.6	5409043.3	4832.89990	314.53	90.95	48.834345	-86.930795	56171.79	56251	-1.01	56170.78	56166.38281	56173.61500	56166.33203	505078.6	5409043.3
L5080.0	505078.6	5409043.1	4833.00000	312.22	90.25	48.834343	-86.930795	56171.77	56251	-1.01	56170.76	56166.37500	56172.16879	56164.87500	505078.6	5409043.1
L5080.0	505078.6	5409042.9	4833.10010	311.84	90.25	48.834342	-86.930795	56171.82	56251	-1.01	56170.81	56166.43359	56172.41602	56165.10547	505078.6	5409042.9
L5080.0	505078.6	5409042.9	4833.20020	310.34	89.8	48.834342	-86.930795	56171.91	56251	-1.01	56170.90	56166.53125	56173.54103	56166.21875	505078.6	5409042.9
L5080.0	505078.6	5409042.7	4833.29981	308.18	89.75	48.834340	-86.930795	56171.89	56251	-1.01	56170.88	56166.51953	56172.17115	56164.83203	505078.6	5409042.7
L5080.0	505078.6	5409042.5	4833.39990	310.50	89.75	48.834338	-86.930795	56172.00	56251	-1.01	56170.99	56166.63672	56173.64528	56166.29297	505078.6	5409042.5
L5080.0	505078.6	5409042.5	4833.50000	312.43	89.75	48.834338	-86.930795	56172.02	56251	-1.01	56171.01	56166.66406	56173.16694	56165.80078	505078.6	5409042.5
L5080.0	505078.6	5409042.4	4833.60010	314.00	90.26	48.834337	-86.930795	56172.10	56251	-1.01	56171.09	56166.75391	56173.92101	56166.53906	505078.6	5409042.4
L5080.0	505078.6	5409042.2	4833.70020	312.89	89.79	48.834335	-86.930795	56172.14	56251	-1.01	56171.13	56166.79688	56173.85535	56166.46094	505078.6	5409042.2
L5080.0	505078.6	5409042.2	4833.79981	310.47	90.55	48.834335	-86.930795	56172.13	56251	-1.01	56171.11	56166.78516	56172.65088	56165.24219	505078.6	5409042.2
L5080.0	505078.6	5409042.0	4833.89990	309.47	90.55	48.834333	-86.930795	56172.20	56251	-1.01	56171.19	56166.87109	56173.38132	56165.95703	505078.6	5409042.0
L5080.0	505078.6	5409041.8	4834.00000	308.97	90.01	48.834332	-86.930795	56172.25	56251	-1.01	56171.24	56166.92578	56173.54183	56166.10156	505078.6	5409041.8
L5080.0	505078.6	5409041.7	4834.10010	308.11	89.35	48.834330	-86.930795	56172.29	56251	-1.01	56171.28	56166.96875	56173.52623	56166.07031	505078.6	5409041.7
L5080.0	505078.6	5409041.5	4834.20020	308.06	89.37	48.834329	-86.930795	56172.31	56251	-1.02	56171.29	56166.98438	56172.97477	56165.50781	505078.6	5409041.5
L5080.0	505078.6	5409041.5	4834.29981	308.79	89.37	48.834329	-86.930795	56172.36	56251	-1.02	56171.34	56167.03516	56173.16483	56165.67969	505078.6	5409041.5
L5080.0	505078.6	5409041.4	4834.39990	308.80	89.72	48.834328	-86.930795	56172.42	56251	-1.02	56171.40	56167.09766	56173.54596	56166.04688	505078.6	5409041.4
L5080.0	505078.6	5409041.2	4834.50000	307.00	89.84	48.834326	-86.930795	56172.45	56251	-1.03	56171.43	56167.13281	56173.38806	56165.87500	505078.6	5409041.2
L5080.0	505078.6	5409041.1	4834.60010	308.95	89.84	48.834325	-86.930795	56172.50	56251	-1.03	56171.48	56167.18359	56173.60417	56166.07813	505078.6	5409041.1
L5080.0	505078.6	5409041.0	4834.70020	310.40	89.62	48.834324	-86.930795	56172.57	56251	-1.03	56171.53	56167.23438	56173.82908	56166.28516	505078.6	5409041.0
L5080.0	505078.6	5409041.0	4834.79981	311.59	89.62	48.834324	-86.930795	56172.58	56251	-1.03	56171.54	56167.24609	56173.31006	56165.75391	505078.6	5409041.0
L5080.0	505078.6	5409040.7	4834.89990	310.99	89.31	48.834322	-86.930795	56172.61	56251	-1.04	56171.57	56167.27734	56173.16329	56165.58984	505078.6	5409040.7
L5080.0	505078.6	5409040.6	4835.00000	314.02	89.31	48.834321	-86.930795	56172.65	56251	-1.04	56171.61	56167.32031	56173.20706	56165.62109	505078.6	5409040.6
L5080.0	505078.6	5409040.6	4835.10010	314.94	87.94	48.834321	-86.930795	56172.71	56251	-1.04	56171.67	56167.37891	56173.63972	56166.03906	505078.6	5409040.6
L5080.0	505078.6	5409040.4	4835.20020	316.20	87.94	48.834319	-86.930796	56172.77	56251	-1.04	56171.73	56167.44141	56174.07975	56166.46094	505078.6	5409040.4
L5080.0	505078.6	5409040.3	4835.29981	315.06	87.71	48.834318	-86.930796	56172.81	56251	-1.04	56171.77	56167.48047	56174.13158	56166.50000	505078.6	5409040.3
L5080.0	505078.6	5409040.1	4835.39990	314.54	87.56	48.834316	-86.930796	56172.80	56251	-1.04	56171.75	56167.45703	56172.99686	56165.35156	505078.6	5409040.1
L5080.0	505078.6	5409040.1	4835.50000	314.62	87.56	48.834316	-86.930796	56172.89	56251	-1.04	56171.84	56167.54688	56174.03192	56166.37109	505078.6	5409040.1
L5080.0	505078.6	5409039.9	4835.60010	316.35	88.03	48.834315	-86.930795	56172.92	56251	-1.05	56171.88	56167.58594	56174.07763	56166.39844	505078.6	5409039.9
L5080.0	505078.6	5409039.8	4835.70020	314.64	88.46	48.834314	-86.930795	56172.94	56251	-1.05	56171.89	56167.59375	56173.52722	56165.83594	505078.6	5409039.8
L5080.0	505078.6	5409039.6	4835.79981	313.54	88.46	48.834312	-86.930795	56172.98	56251	-1.05	56171.93	56167.63281	56173.57005	56165.86328	505078.6	5409039.6
L5080.0	505078.6	5409039.5	4835.89990	312.79	88.25	48.834311	-86.930795	56173.02	56251	-1.05	56171.97	56167.67188	56173.61154	56165.89063	505078.6	5409039.5
L5080.0	505078.6	5409039.4	4836.00000	312.04	88.25	48.834310	-86.930795	56173.08	56251.1	-1.05	56172.03	56167.72656	56174.04157	56166.30469	505078.6	5409039.4
L5080.0	505078.6	5409039.4	4836.10010	310.94	88.08	48.834310	-86.930795	56173.09	56251	-1.05	56172.04	56167.73438	56173.49881	56165.74609	505078.6	5409039.4
L5080.0	505078.6	5409039.3	4836.20020	310.79	87.88	48.834309	-86.930795	56173.16	56251	-1.05	56172.11	56167.80078	56174.11439	56166.34766	505078.6	5409039.3
L5080.0	505078.6	5409039.1	4836.29981	310.19	87.88	48.834307	-86.930795	56173.19	56251	-1.05	56172.14	56167.82813	56173.96136	56166.17969	505078.6	5409039.1
L5080.0	505078.6	5409038.9	4836.39990	310.41	87.38	48.834306	-86.930795	56173.23	56251	-1.05	56172.18	56167.86719	56174.00039	56166.20313	505078.6	5409038.9
L5080.0	505078.6	5409038.9	4836.50000	310.02	87.38	48.834306	-86.930795	56173.25	56251	-1.04	56172.21	56167.89063	56173.85494	56166.04297	505078.6	5409038.9
L5080.0	505078.6	5409038.8	4836.60010	309.84	87.07	48.834304	-86.930795	56173.32	56251	-1.04	56172.28	56167.95703	56174.44979	56166.62109	505078.6	5409038.8

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5080.0	505078.6	5409038.6	4836.70020	308.70	87.07	48.834303	-86.930795	56173.33	56251	-1.04	56172.29	56167.96484	56173.94360	56166.10156	505078.6	5409038.6
L5080.0	505078.6	5409038.6	4836.79981	310.13	86.97	48.834303	-86.930795	56173.38	56251	-1.04	56172.34	56168.00781	56174.17201	56166.31641	505078.6	5409038.6
L5080.0	505078.6	5409038.4	4836.89990	308.40	86.97	48.834301	-86.930795	56173.39	56251	-1.04	56172.35	56168.01563	56173.68122	56165.80859	505078.6	5409038.4
L5080.0	505078.6	5409038.3	4837.00000	309.08	85.09	48.834300	-86.930795	56173.48	56251	-1.04	56172.44	56168.10156	56174.62954	56166.74219	505078.6	5409038.3
L5080.0	505078.6	5409038.1	4837.10010	309.16	85.09	48.834299	-86.930795	56173.48	56251	-1.04	56172.44	56168.09375	56173.96739	56166.06641	505078.6	5409038.1
L5080.0	505078.6	5409038.1	4837.20020	308.67	84.28	48.834299	-86.930795	56173.55	56251	-1.04	56172.50	56168.14844	56174.37800	56166.46094	505078.6	5409038.1
L5080.0	505078.6	5409038.0	4837.29981	310.26	84.29	48.834297	-86.930795	56173.61	56251	-1.05	56172.57	56168.21484	56174.96525	56167.03516	505078.6	5409038.0
L5080.0	505078.6	5409037.8	4837.39990	311.20	84.29	48.834296	-86.930795	56173.64	56251	-1.05	56172.59	56168.23047	56174.66275	56166.71484	505078.6	5409037.8
L5080.0	505078.6	5409037.7	4837.50000	312.29	84.54	48.834294	-86.930795	56173.66	56251.1	-1.05	56172.61	56168.24219	56174.35911	56166.39844	505078.6	5409037.7
L5080.0	505078.6	5409037.5	4837.60010	311.87	84.54	48.834293	-86.930795	56173.68	56251.1	-1.05	56172.62	56168.24609	56173.87656	56165.90234	505078.6	5409037.5
L5080.0	505078.6	5409037.5	4837.70020	310.49	84.39	48.834293	-86.930795	56173.76	56251.1	-1.05	56172.71	56168.33203	56174.80445	56166.81641	505078.6	5409037.5
L5080.0	505078.6	5409037.4	4837.79981	312.33	84.39	48.834292	-86.930794	56173.76	56251.1	-1.06	56172.71	56168.32422	56174.13931	56166.13672	505078.6	5409037.4
L5080.0	505078.6	5409037.2	4837.89990	311.97	83.86	48.834291	-86.930794	56173.84	56251.1	-1.06	56172.78	56168.39063	56174.69833	56166.67969	505078.6	5409037.2
L5080.0	505078.6	5409037.1	4838.00000	312.97	83.31	48.834289	-86.930794	56173.84	56251.1	-1.06	56172.78	56168.38281	56174.03125	56166.00000	505078.6	5409037.1
L5080.0	505078.7	5409037.0	4838.10010	315.37	83.31	48.834288	-86.930794	56173.93	56251.1	-1.06	56172.86	56168.45703	56174.74115	56166.69531	505078.7	5409037.0
L5080.0	505078.7	5409036.8	4838.20020	311.84	82.99	48.834287	-86.930794	56173.96	56251.1	-1.07	56172.90	56168.49219	56174.75146	56166.69141	505078.7	5409036.8
L5080.0	505078.7	5409036.7	4838.29981	309.43	81.64	48.834285	-86.930794	56174.04	56251.1	-1.07	56172.97	56168.55469	56175.25298	56167.17578	505078.7	5409036.7
L5080.0	505078.7	5409036.5	4838.39990	307.67	81.64	48.834284	-86.930794	56174.02	56251.1	-1.08	56172.94	56168.51953	56174.09793	56166.00781	505078.7	5409036.5
L5080.0	505078.7	5409036.5	4838.50000	309.65	81.64	48.834284	-86.930794	56174.09	56251.1	-1.08	56173.01	56168.58203	56174.57968	56166.47656	505078.7	5409036.5
L5080.0	505078.7	5409036.4	4838.60010	309.89	81.43	48.834283	-86.930794	56174.12	56251.1	-1.08	56173.04	56168.60547	56174.41118	56166.29297	505078.7	5409036.4
L5080.0	505078.7	5409036.2	4838.70020	309.02	81.43	48.834281	-86.930794	56174.14	56251.1	-1.09	56173.06	56168.61719	56174.09512	56165.96484	505078.7	5409036.2
L5080.0	505078.7	5409036.0	4838.79981	309.88	81.27	48.834280	-86.930794	56174.20	56251.1	-1.09	56173.10	56168.65234	56174.08763	56165.94141	505078.7	5409036.0
L5080.0	505078.7	5409036.0	4838.89990	308.47	80.08	48.834280	-86.930794	56174.25	56251.1	-1.10	56173.15	56168.69531	56174.22073	56166.06250	505078.7	5409036.0
L5080.0	505078.7	5409035.9	4839.00000	308.06	80.16	48.834278	-86.930794	56174.27	56251.1	-1.10	56173.17	56168.70703	56173.67209	56165.50000	505078.7	5409035.9
L5080.0	505078.7	5409035.7	4839.10010	307.54	80.16	48.834277	-86.930794	56174.35	56251.1	-1.10	56173.25	56168.78125	56174.84980	56166.66406	505078.7	5409035.7
L5080.0	505078.7	5409035.5	4839.20020	305.44	79.69	48.834275	-86.930794	56174.38	56251.1	-1.10	56173.28	56168.80078	56174.50870	56166.31250	505078.7	5409035.5
L5080.0	505078.7	5409035.5	4839.29981	305.27	79.87	48.834275	-86.930794	56174.42	56251.1	-1.09	56173.33	56168.84375	56174.72352	56166.51172	505078.7	5409035.5
L5080.0	505078.7	5409035.4	4839.39990	306.49	79.61	48.834274	-86.930794	56174.45	56251.1	-1.09	56173.35	56168.85938	56174.11890	56165.89453	505078.7	5409035.4
L5080.0	505078.7	5409035.2	4839.50000	305.11	78.82	48.834273	-86.930794	56174.52	56251.1	-1.09	56173.43	56168.92969	56175.07138	56166.83594	505078.7	5409035.2
L5080.0	505078.6	5409035.1	4839.60010	303.79	76.02	48.834271	-86.930794	56174.52	56251.1	-1.09	56173.43	56168.92188	56173.98272	56165.73438	505078.6	5409035.1
L5080.0	505078.6	5409035.0	4839.70020	302.53	76.02	48.834270	-86.930794	56174.55	56251.1	-1.09	56173.46	56168.94531	56173.67079	56165.40625	505078.6	5409035.0
L5080.0	505078.6	5409034.8	4839.79981	303.58	75.67	48.834269	-86.930795	56174.68	56251.1	-1.08	56173.60	56169.07813	56175.92666	56167.65234	505078.6	5409034.8
L5080.0	505078.6	5409034.7	4839.89990	302.92	73.64	48.834268	-86.930795	56174.63	56251.1	-1.08	56173.55	56169.01953	56173.76607	56165.47656	505078.6	5409034.7
L5080.0	505078.6	5409034.5	4840.00000	304.06	73.12	48.834266	-86.930795	56174.75	56251.1	-1.08	56173.67	56169.13281	56175.47361	56167.17188	505078.6	5409034.5
L5080.0	505078.6	5409034.5	4840.10010	303.59	72.83	48.834266	-86.930795	56174.70	56251.1	-1.08	56173.62	56169.07422	56173.42546	56165.11328	505078.6	5409034.5
L5080.0	505078.6	5409034.3	4840.20020	303.25	72.83	48.834264	-86.930795	56174.79	56251.1	-1.08	56173.71	56169.16016	56174.45083	56166.12500	505078.6	5409034.3
L5080.0	505078.6	5409034.3	4840.29981	302.72	73.31	48.834264	-86.930795	56174.88	56251.1	-1.08	56173.80	56169.24219	56175.45820	56167.12109	505078.6	5409034.3
L5080.0	505078.6	5409034.1	4840.39990	302.62	71.52	48.834263	-86.930795	56174.86	56251.1	-1.08	56173.78	56169.21484	56174.16381	56165.81250	505078.6	5409034.1
L5080.0	505078.6	5409034.0	4840.50000	303.05	71.52	48.834261	-86.930795	56174.98	56251.1	-1.07	56173.91	56169.33594	56176.00753	56167.64453	505078.6	5409034.0
L5080.0	505078.6	5409033.8	4840.60010	303.84	71.31	48.834260	-86.930796	56174.92	56251.1	-1.07	56173.84	56169.25781	56173.75187	56165.37891	505078.6	5409033.8
L5080.0	505078.6	5409033.6	4840.70020	303.96	71.31	48.834258	-86.930796	56175.01	56251.1	-1.07	56173.94	56169.35156	56174.99397	56166.60938	505078.6	5409033.6
L5080.0	505078.5	5409033.5	4840.79981	305.32	69.57	48.834257	-86.930796	56175.04	56251.1	-1.07	56173.96	56169.36328	56174.63176	56166.23438	505078.5	5409033.5
L5080.0	505078.5	5409033.5	4840.89990	305.99	69.14	48.834257	-86.930796	56175.08	56251.1	-1.07	56174.01	56169.40625	56174.88910	56166.48047	505078.5	5409033.5
L5080.0	505078.5	5409033.3	4841.00000	304.68	70.79	48.834255	-86.930796	56175.14	56251.1	-1.07	56174.07	56169.45703	56175.35286	56166.93359	505078.5	5409033.3
L5080.0	505078.5	5409033.2	4841.10010	304.29	70.79	48.834254	-86.930796	56175.18	56251.1	-1.07	56174.10	56169.48047	56175.24367	56166.81250	505078.5	5409033.2
L5080.0	505078.5	5409033.0	4841.20020	304.31	70.44	48.834253	-86.930796	56175.18	56251.1	-1.08	56174.11	56169.48047	56174.77436	56166.33203	505078.5	5409033.0
L5080.0	505078.5	5409032.9	4841.29981	306.87	70.44	48.834251	-86.930796	56175.26	56251.1	-1.08	56174.18	56169.54297	56175.44429	56166.98828	505078.5	5409032.9
L5080.0	505078.5	5409032.7	4841.39990	306.39	75.4	48.834250	-86.930796	56175.27	56251.1	-1.09	56174.19	56169.54688	56175.00919	56166.54297	505078.5	5409032.7
L5080.0	505078.5	5409032.7	4841.50000	306.24	74.38	48.834250	-86.930796	56175.34	56251.1	-1.09	56174.25	56169.59766	56175.48205	56167.00391	505078.5	5409032.7
L5080.0	505078.5	5409032.5	4841.60010	305.29	73.99	48.834248	-86.930796	56175.32	56251.1	-1.09	56174.22	56169.55859	56174.39227	56165.90234	505078.5	5409032.5
L5080.0	505078.5	5409032.3	4841.70020	304.45	73.99	48.834246	-86.930796	56175.38	56251.1	-1.10	56174.28	56169.61328	56174.86164	56166.36328	505078.5	5409032.3
L5080.0	505078.5	5409032.3	4841.79981	302.36	73.2	48.834246	-86.930796	56175.39	56251.1	-1.10	56174.29	56169.61328	56174.50290	56165.99219	505078.5	5409032.3
L5080.0	505078.5	5409032.1	4841.89990	302.32	73.47	48.834244	-86.930796	56175.44	56251.1	-1.11	56174.33	56169.64844	56174.62957	56166.10938	505078.5	5409032.1
L5080.0	505078.5	5409031.9	4842.00000	299.26	73.47	48.834243	-86.930796	56175.48	56251.1	-1.11	56174.37	56169.67969	56174.74355	56166.21094	505078.5	5409031.9
L5080.0	505078.5	5409031.8	4842.10010	300.66	73.62	48.834241	-86.930796	56175.57	56251.1	-1.11	56174.46	56169.76172	56175.53385	56166.99219	505078.5	5409031.8
L5080.0	505078.5	5409031.6	4842.20020	300.28	73.82	48.834240	-86.930796	56175.53	56251.1	-1.11	56174.42	56169.71484	56174.53656	56165.98438	505078.5	5409031.6
L5080.0	505078.5	5409031.4	4842.29981	301.20	73.82	48.834239	-86.930796	56175.64	56251.1	-1.11	56174.53	56169.81641	56175.49314	56166.92969	505078.5	5409031.4
L5080.0	505078.5	5409031.4	4842.39990	299.94	73.81	48.834239	-86.930796	56175.63	56251.1	-1.11	56174.52	56169.79688	56174.94318	56166.36719	505078.5	5409031.4
L5080.0	505078.5	5409031.3	4842.50000	301.26	74.14	48.834237	-86.930796	56175.70	56251.1	-1.11	56174.58	56169.84766	56175.21855	56166.63281	505078.5	5409031.3
L5080.0	505078.5	5409031.1	4842.60010	302.07	74.14	48.834236	-86.930797	56175.71	56251.1	-1.11	56174.60	56169.85938	56175.04743	56166.44922	505078.5	5409031.1
L5080.0	505078.5	5409030.9	4842.70020	302.06	73.51	48.834234	-86.930797	56175.74	56251.1	-1.11	56174.63	56169.88281	56174.99181	56166.38281	505078.5	5409030.9
L5080.0	505078.5	5409030.9	4842.79981	301.30	73.72	48.834234	-86.930797	56175.77	56251.1	-1.11	56174.66	56169.90625	56174.94199	56166.32422	505078.5	5409030.9
L5080.0	505078.5	5409030.8	4842.89990	301.88	73.83	48.834233	-86.930797	56175.78	56251.1	-1.11	56174.67	56169.90625	56174.71625	56166.08594	505078.5	5409030.8
L5080.0	505078.5	5409030.5	4843.00000	298.55	73.83	48.834230	-86.930797	56175.86	56251.1	-1.11	56174.75	56169.98047	56175.12080	56166.48047	505078.5	5409030.5
L5080.0	505078.5	5409030.5	4843.10010	298.85	73.5	48.834230	-86.930797	56175.90	56251.1	-1.11	56174.79	56170.01172	56175.16445	56166.51563	505078.5	5409030.5
L5080.0	505078.5	5409030.3	4843.20020	298.83	73.32	48.834229	-86.930797	56175.91	56251.1	-1.11	56174.80	56170.01172	56174.95446	56166.29297	505078.5	5409030.3
L5080.0	505078.5	5409030.2	4843.29981	298.40	72.86	48.834227	-86.930797	56175.95	56251.1	-1.11	56174.83	56170.03516	56174.91892	56166.25000	505078.5	5409030.2
L5080.0	505078.5	5409030.0	4843.39990	298.94	72.86	48.834226	-86.930797	56176.06	56251.1	-1.11	56174.95	56170.14453	56175.65739	56166.97656	505078.5	5409030.0
L5080.0	505078.5	5409029.8	4843.50000	299.89	72.51	48.834224	-86.930797	56176.05	56251.1	-1.11	56174.94	56170.12891	56175.28392	56166.59375	505078.5	5409029.8
L5080.0	505078.5	5409029.8	4843.60010	298.49	70.61	48.834224	-86.930797	56176.09	56251.1	-1.11	56174.98	56170.16016	56175.34361	56166.64063	505078.5	5409029.8
L5080.0	505078.5	5409029.5	4843.70020	297.84	70.61	48.834221	-86.930797	56176.12	56251.1	-1.11	56175.01	56170.17969	56175.31750	56166.60547	505078.5	5409029.5
L5080.0	505078.5	5409029.5	4843.79981	298.33	70.57	48.834221	-86.930797	56176.18	56251.1	-1.11	56175.07	56170.23438	56175.56499	56166.83984	505078.5	5409029.5
L5080.0	505078.5	5409029.4	4843.89990	297.33	74.07	48.834220	-86.930797	56176.21	56251.1	-1.11	56175.10	56170.25391	56175.54437	56166.80859	505078.5	5409029.4
L5080.0	505078.5	5409029.2	4844.00000	299.33	74.07	48.834218	-86.930797	56176.24	56251.1	-1.11	56175.13	56170.27734	56175.52410	56166.78125	505078.5	5409029.2
L5080.0	505078.5	5409029.0	4844.10010	299.93	72.78	48.834216	-86.930797	56176.25	56251.1	-1.11	56175.14	56170.27734	56175.31683	56166.56250	505078.5	5409029.0
L5080.0	505078.5	5409029.0	4844.20020	302.29	71.18	48.834216	-86.930797	56176.32	56251.1	-1.11	56175.21	56170.33984	56175.67188	56166.90625	505078.5	5409029.0
L5080.0	505078.5	5409028.7	4844.29981	302.21	71.18	48.834214	-86.930797	56176.37	56251.1	-1.11	56175.25	56170.37109	56175.74440	56166.96875	505078.5	5409028.7
L5080.0	505078.5	5409028.6	4844.39990	303.13	71.14	48.834213	-86.930797	56176.36	56251.1	-1.11	56175.24	56170.35156	56175.35510	56166.56641	505078.5	5409028.6
L5080.0	505078.5	5409028.4	4844.50000	303.30	71.14	48.834211	-86.930797	56176.46	56251.1	-1.12	56175.35	56170.45313	56176.05374	56167.25391	505078.5	5409028.4
L5080.0	505078.5	5409028.2	4844.60010	302.20	70.7	48.834210	-86.930797	56176.44	56251.1	-1.12	56175.32	56170.41406	56175.49841	56166.68750	505078.5	5409028.2
L5080.0	505078.5	5409028.2	4844.70020	301.55	69.77	48.834210	-86.930797	56176.46	56251.1	-1.12	56175.35	56170.43359	56175.47975	56166.66016	505078.5	5409028.2
L5080.0	505078.5	5409028.0	4844.79981	301.06	69.77	48.834207	-86.930797	56176.53	56251.1	-1.12	56175.41	56170.48438	56175.69090	56166.85938	505078.5	5409028.0
L5080.0	505078.5	5409027.8	4844.89990	300.90	69.71	48.834206	-86.930797	56176.57	56251.1	-1.12	56175.45	56170.51563	56176.38903	56167.54688	505078.5	5409027.8
L5080.0	505078.5	5409027.6	4845.00000	299.56	69.71	48.834204	-86.930797	56176.57	56251.1	-1.12	56175.45	56170.50781	56174.67462	56165.82031	505078.5	5409027.6
L5080.0	505078.5	5409027.6	4845.10010	299.75	69.37	48.834204	-86.930797	56176.68	56251.1	-1.12	56175.56	56170.60938	56176.65693	56167.79297	505078.5	5409027.6
L5080.0	505078.5	5409027.4	4845.20020	298.35	68.58	48.834202	-86.930797	56176.66	56251.1	-1.12	56175.54	56170.57813	56175.11245	56166.23438	505078.5	5409027.4
L5080.0	505078.5	5409027.2	4845.29981	298.10	68.58	48.834200	-86.930797	56176.72	56251.1	-1.12	56175.60	56170.62891	56175.95153	56167.06250	505078.5	5409027.2
L5080.0	505078.5	5409027.1	4845.39990	299.14	68.58	48.834199	-86.930797	56176.75	56251.1	-1.12	56175.62	56170.64063	56175.55425	56166.65625	505078.5	5409027.1
L5080.0	505078.5	5409026.9	4845.50000	299.34	68.03	48.834198	-86.930797	56176.82	56251.1	-1.13	56175.70	56170.71094	56175.66243	56166.75000	505078.5	5409026.9
L5080.0	505078.5	5409026.9	4845.60010	298.32	67.58	48.834198	-86.930797	56176.82	56251.1	-1.13	56175.70	56170.69922	56175.61385	56166.69141	505078.5	5409026.9
L5080.0	505078.5	5409026.7	4845.70020	295.95	67.58	48.834196	-86.930797	56176.85	56251.1	-1.13	56175.72	56170.71094	56175.59015	56166.65625	505078.5	5409026.7
L5080.0	505078.5	5409026.5	4845.79981	294.58	67.76	48.834194	-86.930797	56176.88	56251.1	-1.13	56175.75	56170.73047	56175.59000	56166.64453	505078.5	5409026.5
L5080.0	505078.5	5409026.5	4845.89990	295.38	67.76	48.834194	-86.930797	56177.00	56251.1	-1.13	56175.88	56170.85156	56175.59904	56166.64063	505078.5	5409026.5

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5080.0	505078.5	5409026.2	4846.00000	294.88	68.66	48.834191	-86.930797	56176.96	56251.1	-1.13	56175.83	56170.78906	56175.52151	56166.55078	505078.5	5409026.2
L5080.0	505078.5	5409026.2	4846.10010	293.94	68.66	48.834191	-86.930797	56177.07	56251.1	-1.13	56175.94	56170.89063	56175.55501	56166.57422	505078.5	5409026.2
L5080.0	505078.5	5409026.0	4846.20020	292.21	68.55	48.834190	-86.930797	56177.04	56251.1	-1.13	56175.91	56170.84766	56175.50708	56166.51172	505078.5	5409026.0
L5080.0	505078.5	5409025.8	4846.29981	293.19	68.55	48.834188	-86.930797	56177.11	56251.1	-1.13	56175.98	56170.91016	56175.52146	56166.51563	505078.5	5409025.8
L5080.0	505078.5	5409025.8	4846.39990	292.13	67.81	48.834188	-86.930797	56177.16	56251.1	-1.13	56176.03	56170.94922	56175.52767	56166.50781	505078.5	5409025.8
L5080.0	505078.5	5409025.7	4846.50000	292.39	67.36	48.834187	-86.930797	56177.21	56251.1	-1.13	56176.08	56170.98828	56175.53661	56166.50391	505078.5	5409025.7
L5080.0	505078.5	5409025.6	4846.60010	291.34	67.36	48.834186	-86.930797	56177.26	56251.1	-1.12	56176.13	56171.02734	56175.54791	56166.50391	505078.5	5409025.6
L5080.0	505078.5	5409025.4	4846.70020	291.16	66.42	48.834184	-86.930797	56177.28	56251.1	-1.12	56176.16	56171.04688	56175.55368	56166.49609	505078.5	5409025.4
L5080.0	505078.4	5409025.2	4846.79981	290.72	66.42	48.834183	-86.930797	56177.31	56251.1	-1.12	56176.19	56171.06641	56175.56240	56166.49219	505078.4	5409025.2
L5080.0	505078.4	5409025.1	4846.89990	291.23	66.44	48.834182	-86.930797	56177.36	56251.1	-1.12	56176.24	56171.10547	56175.58061	56166.49609	505078.4	5409025.1
L5080.0	505078.4	5409025.1	4847.00000	295.25	66.39	48.834182	-86.930797	56177.40	56251.1	-1.12	56176.28	56171.13281	56175.59757	56166.50000	505078.4	5409025.1
L5080.0	505078.4	5409024.9	4847.10010	295.52	66.39	48.834180	-86.930797	56177.46	56251.1	-1.12	56176.34	56171.17969	56175.62228	56166.51172	505078.4	5409024.9
L5080.0	505078.4	5409024.8	4847.20020	295.09	66.39	48.834179	-86.930797	56177.46	56251.1	-1.12	56176.34	56171.16797	56175.63278	56166.51172	505078.4	5409024.8
L5080.0	505078.4	5409024.6	4847.29981	295.51	66.41	48.834177	-86.930797	56177.54	56251.1	-1.12	56176.42	56171.23828	56175.66680	56166.53125	505078.4	5409024.6
L5080.0	505078.4	5409024.5	4847.39990	297.98	66.41	48.834176	-86.930797	56177.59	56251.1	-1.12	56176.47	56171.27734	56175.69518	56166.54688	505078.4	5409024.5
L5080.0	505078.4	5409024.3	4847.50000	296.76	66.62	48.834174	-86.930797	56177.62	56251.1	-1.12	56176.50	56171.29297	56175.72145	56166.55859	505078.4	5409024.3
L5080.0	505078.4	5409024.3	4847.60010	293.04	67.25	48.834174	-86.930797	56177.64	56251.1	-1.11	56176.53	56171.31250	56175.75045	56166.57422	505078.4	5409024.3
L5080.0	505078.4	5409024.1	4847.70020	291.57	67.92	48.834173	-86.930797	56177.73	56251.1	-1.11	56176.61	56171.37891	56175.79246	56166.60156	505078.4	5409024.1
L5080.0	505078.4	5409024.0	4847.79981	291.18	67.92	48.834171	-86.930797	56177.74	56251.1	-1.11	56176.63	56171.38672	56175.82445	56166.62109	505078.4	5409024.0
L5080.0	505078.4	5409023.8	4847.89990	291.13	69.33	48.834170	-86.930797	56177.76	56251.1	-1.11	56176.65	56171.39453	56175.85898	56166.64063	505078.4	5409023.8
L5080.0	505078.4	5409023.7	4848.00000	291.48	69.44	48.834169	-86.930797	56177.82	56251.1	-1.11	56176.71	56171.44141	56175.90401	56166.67188	505078.4	5409023.7
L5080.0	505078.4	5409023.6	4848.10010	289.89	69.44	48.834168	-86.930797	56177.89	56251.1	-1.11	56176.78	56171.50000	56175.95354	56166.70703	505078.4	5409023.6
L5080.0	505078.4	5409023.6	4848.20020	287.99	69.04	48.834168	-86.930797	56177.88	56251.1	-1.11	56176.77	56171.47656	56175.98857	56166.72656	505078.4	5409023.6
L5080.0	505078.4	5409023.4	4848.29981	288.73	68.85	48.834166	-86.930797	56177.94	56251.1	-1.11	56176.83	56171.52344	56176.04071	56166.76563	505078.4	5409023.4
L5080.0	505078.4	5409023.3	4848.39990	290.29	68.85	48.834165	-86.930797	56177.96	56251.1	-1.11	56176.86	56171.53906	56176.08880	56166.79688	505078.4	5409023.3
L5080.0	505078.4	5409023.1	4848.50000	291.46	67.82	48.834163	-86.930797	56178.04	56251.1	-1.10	56176.94	56171.60547	56176.15170	56166.84766	505078.4	5409023.1
L5080.0	505078.4	5409023.0	4848.60010	291.36	67.82	48.834162	-86.930797	56178.06	56251.1	-1.10	56176.96	56171.61328	56176.20310	56166.88281	505078.4	5409023.0
L5080.0	505078.4	5409023.0	4848.70020	291.99	67.61	48.834162	-86.930797	56178.09	56251.1	-1.10	56176.99	56171.62891	56176.25994	56166.92578	505078.4	5409023.0
L5080.0	505078.4	5409022.8	4848.79981	291.56	67.19	48.834161	-86.930797	56178.12	56251.1	-1.10	56177.02	56171.64453	56176.31980	56166.96875	505078.4	5409022.8
L5080.0	505078.4	5409022.7	4848.89990	292.76	67.19	48.834159	-86.930797	56178.18	56251.1	-1.10	56177.08	56171.69141	56176.39196	56167.02734	505078.4	5409022.7
L5080.0	505078.4	5409022.5	4849.00000	291.46	67.62	48.834158	-86.930797	56178.20	56251.1	-1.10	56177.10	56171.69922	56176.45284	56167.07422	505078.4	5409022.5
L5080.0	505078.4	5409022.4	4849.10010	291.38	67.62	48.834157	-86.930797	56178.27	56251.1	-1.10	56177.17	56171.75391	56176.53295	56167.14063	505078.4	5409022.4
L5080.0	505078.4	5409022.4	4849.20020	289.96	67.41	48.834157	-86.930797	56178.29	56251.1	-1.10	56177.18	56171.75000	56176.58989	56167.17969	505078.4	5409022.4
L5080.0	505078.4	5409022.1	4849.29981	292.94	67.76	48.834154	-86.930797	56178.40	56251.1	-1.10	56177.30	56171.85547	56176.69270	56167.26953	505078.4	5409022.1
L5080.0	505078.4	5409022.1	4849.39990	293.66	67.76	48.834154	-86.930797	56178.36	56251.1	-1.10	56177.26	56171.80078	56176.72204	56167.28125	505078.4	5409022.1
L5080.0	505078.4	5409022.0	4849.50000	296.39	67.76	48.834153	-86.930797	56178.45	56251.1	-1.10	56177.34	56171.86328	56176.80336	56167.34766	505078.4	5409022.0
L5080.0	505078.4	5409021.8	4849.60010	295.10	66.68	48.834152	-86.930797	56178.47	56251.1	-1.11	56177.37	56171.87891	56176.85667	56167.38672	505078.4	5409021.8
L5080.0	505078.4	5409021.8	4849.70020	296.12	66.68	48.834152	-86.930797	56178.56	56251.1	-1.11	56177.46	56171.95313	56176.93615	56167.44922	505078.4	5409021.8
L5080.0	505078.4	5409021.6	4849.79981	295.79	65.57	48.834150	-86.930797	56178.56	56251.1	-1.11	56177.45	56171.92969	56176.95822	56167.45703	505078.4	5409021.6
L5080.0	505078.5	5409021.5	4849.89990	295.80	65.54	48.834149	-86.930797	56178.59	56251.1	-1.11	56177.48	56171.94141	56176.99585	56167.47656	505078.5	5409021.5
L5080.0	505078.5	5409021.3	4850.00000	296.45	66.49	48.834147	-86.930797	56178.63	56251.1	-1.11	56177.52	56171.96484	56177.03346	56167.50000	505078.5	5409021.3
L5080.0	505078.5	5409021.1	4850.10010	296.55	66.49	48.834146	-86.930797	56178.67	56251.1	-1.11	56177.56	56171.98828	56177.06573	56167.51563	505078.5	5409021.1
L5080.0	505078.5	5409021.0	4850.20020	296.55	66.49	48.834145	-86.930797	56178.75	56251.1	-1.11	56177.64	56172.05469	56177.11356	56167.55078	505078.5	5409021.0
L5080.0	505078.5	5409021.0	4850.20020	295.51	66.56	48.834145	-86.930797	56178.77	56251.1	-1.11	56177.65	56172.04688	56177.12105	56167.53906	505078.5	5409021.0
L5080.0	505078.5	5409020.8	4850.39990	291.90	66.5	48.834143	-86.930797	56178.84	56251.1	-1.11	56177.73	56172.10938	56177.15885	56167.56250	505078.5	5409020.8
L5080.0	505078.5	5409020.7	4850.50000	292.62	66.5	48.834142	-86.930797	56178.86	56251.1	-1.12	56177.74	56172.10547	56177.15976	56167.54688	505078.5	5409020.7
L5080.0	505078.4	5409020.5	4850.60010	293.79	66.58	48.834140	-86.930797	56178.92	56251.1	-1.12	56177.80	56172.14844	56177.18048	56167.55078	505078.4	5409020.5
L5080.0	505078.4	5409020.4	4850.70020	292.59	66.58	48.834139	-86.930797	56178.96	56251.1	-1.12	56177.84	56172.17188	56177.18993	56167.54688	505078.4	5409020.4
L5080.0	505078.4	5409020.4	4850.79981	291.31	64.94	48.834139	-86.930797	56179.02	56251.1	-1.12	56177.90	56172.21484	56177.20508	56167.54688	505078.4	5409020.4
L5080.0	505078.4	5409020.2	4850.89990	290.60	64.94	48.834137	-86.930797	56179.05	56251.1	-1.12	56177.93	56172.22656	56177.20808	56167.53125	505078.4	5409020.2
L5080.0	505078.4	5409020.0	4851.00000	290.78	63.98	48.834136	-86.930798	56179.08	56251.1	-1.12	56177.96	56172.23828	56177.21147	56167.51953	505078.4	5409020.0
L5080.0	505078.4	5409019.9	4851.10010	290.36	64.53	48.834135	-86.930798	56179.10	56251.1	-1.12	56177.98	56172.23828	56177.21317	56167.50391	505078.4	5409019.9
L5080.0	505078.4	5409019.8	4851.20020	292.23	64.75	48.834134	-86.930798	56179.23	56251.1	-1.12	56178.10	56172.34375	56177.24126	56167.51563	505078.4	5409019.8
L5080.0	505078.4	5409019.6	4851.29981	290.85	65.25	48.834132	-86.930798	56179.26	56251.1	-1.12	56178.14	56172.36328	56177.25032	56167.51172	505078.4	5409019.6
L5080.0	505078.4	5409019.6	4851.39990	290.92	65.25	48.834132	-86.930798	56179.28	56251.1	-1.12	56178.15	56172.35547	56177.25785	56167.50000	505078.4	5409019.6
L5080.0	505078.4	5409019.4	4851.50000	291.35	65.94	48.834131	-86.930798	56179.31	56251.1	-1.13	56178.18	56172.36719	56177.27521	56167.50391	505078.4	5409019.4
L5080.0	505078.4	5409019.3	4851.60010	291.47	65.94	48.834129	-86.930798	56179.38	56251.1	-1.13	56178.25	56172.41797	56177.30508	56167.51563	505078.4	5409019.3
L5080.0	505078.4	5409019.1	4851.70020	290.93	65.71	48.834128	-86.930798	56179.44	56251.1	-1.13	56178.31	56172.45703	56177.34003	56167.53516	505078.4	5409019.1
L5080.0	505078.4	5409019.0	4851.79981	290.60	65.71	48.834126	-86.930798	56179.48	56251.1	-1.13	56178.35	56172.48047	56177.37887	56167.55859	505078.4	5409019.0
L5080.0	505078.4	5409019.0	4851.89990	288.83	65.44	48.834126	-86.930798	56179.53	56251.1	-1.13	56178.40	56172.51172	56177.42494	56167.58594	505078.4	5409019.0
L5080.0	505078.4	5409018.8	4852.00000	289.40	65.26	48.834125	-86.930799	56179.56	56251.1	-1.13	56178.43	56172.51953	56177.47243	56167.62109	505078.4	5409018.8
L5080.0	505078.3	5409018.6	4852.10010	290.66	65.26	48.834123	-86.930799	56179.64	56251.1	-1.13	56178.51	56172.58203	56177.53042	56167.66016	505078.3	5409018.6
L5080.0	505078.3	5409018.5	4852.20020	288.60	65.16	48.834122	-86.930799	56179.62	56251.1	-1.12	56178.50	56172.55078	56177.57478	56167.68750	505078.3	5409018.5
L5080.0	505078.3	5409018.3	4852.29981	291.82	65.03	48.834120	-86.930799	56179.73	56251.1	-1.12	56178.61	56172.64063	56177.63884	56167.73828	505078.3	5409018.3
L5080.0	505078.3	5409018.3	4852.39990	292.77	64.76	48.834120	-86.930799	56179.73	56251.1	-1.12	56178.62	56172.62891	56177.68275	56167.76563	505078.3	5409018.3
L5080.0	505078.3	5409018.2	4852.50000	291.24	64.6	48.834119	-86.930799	56179.81	56251.1	-1.11	56178.70	56172.69141	56177.73597	56167.80078	505078.3	5409018.2
L5080.0	505078.3	5409017.9	4852.60010	290.51	64.6	48.834117	-86.930799	56179.84	56251.1	-1.11	56178.72	56172.68750	56177.77293	56167.82422	505078.3	5409017.9
L5080.0	505078.3	5409017.8	4852.70020	290.20	64.49	48.834116	-86.930799	56179.91	56251.1	-1.11	56178.80	56172.75000	56177.81575	56167.85156	505078.3	5409017.8
L5080.0	505078.3	5409017.7	4852.79981	289.20	64.49	48.834115	-86.930799	56179.94	56251.1	-1.11	56178.83	56172.75781	56177.84348	56167.86328	505078.3	5409017.7
L5080.0	505078.3	5409017.5	4852.89990	291.50	64.33	48.834113	-86.930799	56179.96	56251.1	-1.10	56178.86	56172.76563	56177.86582	56167.86719	505078.3	5409017.5
L5080.0	505078.3	5409017.5	4853.00000	294.62	64.33	48.834113	-86.930799	56180.02	56251.1	-1.10	56178.92	56172.80469	56177.88691	56167.87500	505078.3	5409017.5
L5080.0	505078.3	5409017.3	4853.10010	294.33	64.37	48.834112	-86.930799	56180.06	56251.1	-1.10	56178.96	56172.82422	56177.89936	56167.87109	505078.3	5409017.3
L5080.0	505078.3	5409017.2	4853.20020	294.67	64.37	48.834110	-86.930799	56180.12	56251.1	-1.10	56179.01	56172.85156	56177.90799	56167.86328	505078.3	5409017.2
L5080.0	505078.3	5409017.0	4853.29981	293.30	64.15	48.834108	-86.930799	56180.14	56251.1	-1.10	56179.04	56172.85938	56177.91076	56167.85156	505078.3	5409017.0
L5080.0	505078.3	5409017.0	4853.39990	292.99	63.94	48.834108	-86.930799	56180.22	56251.1	-1.10	56179.11	56172.90625	56177.91199	56167.83594	505078.3	5409017.0
L5080.0	505078.3	5409016.8	4853.50000	291.74	63.94	48.834107	-86.930799	56180.22	56251.1	-1.10	56179.11	56172.88281	56177.90916	56167.81641	505078.3	5409016.8
L5080.0	505078.3	5409016.6	4853.60010	291.11	63.75	48.834105	-86.930799	56180.29	56251.1	-1.11	56179.19	56172.94141	56177.90390	56167.79688	505078.3	5409016.6
L5080.0	505078.3	5409016.5	4853.70020	288.47	63.58	48.834104	-86.930799	56180.32	56251.1	-1.11	56179.21	56172.93750	56177.89976	56167.77734	505078.3	5409016.5
L5080.0	505078.3	5409016.5	4853.79981	288.11	63.35	48.834104	-86.930799	56180.39	56251.1	-1.11	56179.29	56172.99609	56177.88955	56167.75000	505078.3	5409016.5
L5080.0	505078.3	5409016.3	4853.89990	287.43	63.35	48.834103	-86.930799	56180.43	56251.1	-1.11	56179.32	56173.00000	56177.88458	56167.73047	505078.3	5409016.3
L5080.0	505078.3	5409016.1	4854.00000	286.25	63.24	48.834100	-86.930799	56180.44	56251.1	-1.11	56179.33	56172.98828	56177.88515	56167.71484	505078.3	5409016.1
L5080.0	505078.3	5409015.9	4854.10010	285.72	63.24	48.834099	-86.930799	56180.52	56251.1	-1.11	56179.41	56173.04297	56177.87284	56167.68750	505078.3	5409015.9
L5080.0	505078.3	5409015.9	4854.20020	283.74	62.93	48.834099	-86.930799	56180.55	56251.1	-1.11	56179.44	56173.04688	56177.87223	56167.67188	505078.3	5409015.9
L5080.0	505078.3	5409015.6	4854.29981	284.33	62.93	48.834096	-86.930799	56180.57	56251.1	-1.11	56179.47	56173.05469	56177.87410	56167.65625	505078.3	5409015.6
L5080.0	505078.3	5409015.6	4854.39990	288.04	62.71	48.834096	-86.930799	56180.68	56251.1	-1.11	56179.57	56173.12891	56177.88289	56167.64844	505078.3	5409015.6
L5080.0	505078.3	5409015.4	4854.50000	284.86	62.71	48.834094	-86.930799	56180.66	56251.1	-1.10	56179.56	56173.09375	56177.85915	56167.60938	505078.3	5409015.4
L5080.0	505078.3	5409015.1	4854.60010	285.94	62.48	48.834092	-86.930799	56180.75	56251.1	-1.10	56179.65	56173.16016	56177.87955	56167.61719	505078.3	5409015.1
L5080.0	505078.3	5409015.1	4854.70020	285.82	61.56	48.834092	-86.930799	56180.83	56251.1	-1.10	56179.73	56173.21484	56177.89844	56167.62109	505078.3	5409015.1
L5080.0	505078.3	5409014.9	4854.79981	286.79	61.56	48.834090	-86.930799	56180.85	56251.1	-1.10	56179.75	56173.20703	56177.89705	56167.60156	505078.3	5409014.9
L5080.0	505078.3	5409014.7	4854.89990	287.07	59.24	48.834088	-86.930799	56180.89	56251.1	-1.10	56179.79	56173.22266	56177.90696	56167.59766	505078.3	5409014.7
L5080.0	505078.3	5409014.7	4855.00000	286.22	59.24	48.834088	-86.930799	56180.93	56251.1	-1.10	56179.83	56173.23438	56177.92002	56167.59375	505078.3	5409014.7
L5080.0	505078.3	5409014.6	4855.10010	287.48	59.24	48.834087	-86.930799	56181.00	56251.1	-1.10	56179.91	56173.28906	56177.95004	56167.60938	505078.3	5409014.6
L5080.0	505078.3	5409014.4	4855.20020	287.99	58.25	48.834085	-86.930799	56181.04	56251.1	-1.10	56179.95	56173.30469	56177.96730	56167.61328	505078.3	5409014.4

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5080.0	505078.3	5409014.3	4855.29981	288.55	59.22	48.834084	-86.930800	56181.11	56251.1	-1.10	56180.01	56173.33594	56177.99240	56167.62109	505078.3	5409014.3
L5080.0	505078.3	5409014.1	4855.39990	288.35	59.22	48.834083	-86.930800	56181.11	56251.1	-1.10	56180.01	56173.30859	56177.99687	56167.61328	505078.3	5409014.1
L5080.0	505078.3	5409014.0	4855.50000	288.85	57.86	48.834081	-86.930800	56181.25	56251.1	-1.10	56180.15	56173.42188	56178.04827	56167.64844	505078.3	5409014.0
L5080.0	505078.3	5409013.8	4855.60010	287.87	54.94	48.834080	-86.930799	56181.26	56251.1	-1.09	56180.16	56173.40234	56178.05412	56167.64063	505078.3	5409013.8
L5080.0	505078.3	5409013.6	4855.70020	284.49	54.94	48.834078	-86.930799	56181.30	56251.1	-1.09	56180.20	56173.41406	56178.06857	56167.63672	505078.3	5409013.6
L5080.0	505078.3	5409013.6	4855.79981	283.56	53.07	48.834078	-86.930799	56181.34	56251.1	-1.09	56180.24	56173.42578	56178.08155	56167.63672	505078.3	5409013.6
L5080.0	505078.3	5409013.5	4855.89990	280.97	51.86	48.834077	-86.930800	56181.36	56251.1	-1.09	56180.27	56173.42578	56178.09028	56167.62891	505078.3	5409013.5
L5080.0	505078.3	5409013.3	4856.00000	280.87	55.24	48.834075	-86.930800	56181.42	56251.1	-1.09	56180.33	56173.45703	56178.10695	56167.63281	505078.3	5409013.3
L5080.0	505078.3	5409013.2	4856.10010	282.31	55.24	48.834074	-86.930800	56181.48	56251.1	-1.09	56180.39	56173.48828	56178.12271	56167.63281	505078.3	5409013.2
L5080.0	505078.3	5409013.0	4856.20020	283.51	54.57	48.834073	-86.930800	56181.45	56251.1	-1.09	56180.35	56173.41797	56178.10948	56167.60547	505078.3	5409013.0
L5080.0	505078.3	5409012.9	4856.29981	283.72	54.57	48.834072	-86.930800	56181.54	56251.1	-1.10	56180.44	56173.48047	56178.13499	56167.61719	505078.3	5409012.9
L5080.0	505078.3	5409012.8	4856.39990	282.89	51.7	48.834070	-86.930800	56181.58	56251.1	-1.10	56180.48	56173.48828	56178.14782	56167.61328	505078.3	5409012.8
L5080.0	505078.3	5409012.8	4856.50000	284.10	52.48	48.834070	-86.930800	56181.62	56251.1	-1.10	56180.52	56173.49609	56178.16291	56167.61328	505078.3	5409012.8
L5080.0	505078.3	5409012.6	4856.60010	284.59	52.48	48.834069	-86.930800	56181.73	56251.1	-1.10	56180.63	56173.57813	56178.19893	56167.63672	505078.3	5409012.6
L5080.0	505078.3	5409012.4	4856.70020	285.22	52.95	48.834067	-86.930799	56181.70	56251.1	-1.10	56180.60	56173.51563	56178.20030	56167.62109	505078.3	5409012.4
L5080.0	505078.3	5409012.3	4856.79981	286.62	52.95	48.834066	-86.930799	56181.77	56251.1	-1.11	56180.66	56173.54297	56178.22764	56167.63281	505078.3	5409012.3
L5080.0	505078.3	5409012.3	4856.89990	284.74	56.8	48.834066	-86.930799	56181.78	56251.1	-1.11	56180.67	56173.51953	56178.24395	56167.63672	505078.3	5409012.3
L5080.0	505078.3	5409012.2	4857.00000	284.32	56.8	48.834065	-86.930799	56181.89	56251.1	-1.11	56180.78	56173.59766	56178.28698	56167.66406	505078.3	5409012.2
L5080.0	505078.3	5409012.0	4857.10010	282.77	55.89	48.834063	-86.930799	56181.91	56251.1	-1.11	56180.80	56173.58594	56178.30764	56167.67188	505078.3	5409012.0
L5080.0	505078.3	5409011.8	4857.20020	282.27	55.82	48.834062	-86.930799	56181.98	56251.1	-1.10	56180.88	56173.63281	56178.34230	56167.69141	505078.3	5409011.8
L5080.0	505078.3	5409011.6	4857.29981	283.81	55.82	48.834060	-86.930799	56182.01	56251.1	-1.10	56180.91	56173.62891	56178.36147	56167.69531	505078.3	5409011.6
L5080.0	505078.3	5409011.6	4857.39990	284.59	55.38	48.834060	-86.930799	56182.04	56251.1	-1.10	56180.95	56173.63281	56178.37903	56167.69922	505078.3	5409011.6
L5080.0	505078.3	5409011.4	4857.50000	285.45	55.38	48.834059	-86.930799	56182.14	56251.1	-1.10	56181.04	56173.68750	56178.40377	56167.70703	505078.3	5409011.4
L5080.0	505078.3	5409011.3	4857.60010	284.37	52.32	48.834057	-86.930799	56182.19	56251.1	-1.09	56181.10	56173.71094	56178.41571	56167.70313	505078.3	5409011.3
L5080.0	505078.3	5409011.1	4857.70020	283.68	49.09	48.834056	-86.930799	56182.22	56251.1	-1.09	56181.13	56173.70703	56178.41497	56167.68750	505078.3	5409011.1
L5080.0	505078.3	5409010.9	4857.79981	286.38	49.09	48.834054	-86.930799	56182.29	56251.1	-1.09	56181.20	56173.74219	56178.41727	56167.67578	505078.3	5409010.9
L5080.0	505078.3	5409010.7	4857.89990	285.18	48.85	48.834052	-86.930799	56182.32	56251.1	-1.08	56181.23	56173.73438	56178.40577	56167.64844	505078.3	5409010.7
L5080.0	505078.3	5409010.7	4858.00000	285.87	48.85	48.834052	-86.930799	56182.39	56251.1	-1.08	56181.31	56173.77734	56178.39969	56167.62891	505078.3	5409010.7
L5080.0	505078.3	5409010.5	4858.10010	284.61	53.32	48.834051	-86.930799	56182.44	56251.1	-1.08	56181.36	56173.78906	56178.38412	56167.59766	505078.3	5409010.5
L5080.0	505078.3	5409010.3	4858.20020	285.53	54.56	48.834049	-86.930799	56182.43	56251.1	-1.08	56181.35	56173.74219	56178.35652	56167.55469	505078.3	5409010.3
L5080.0	505078.3	5409010.3	4858.29981	284.28	54.56	48.834049	-86.930799	56182.59	56251.1	-1.08	56181.51	56173.86328	56178.35380	56167.53906	505078.3	5409010.3
L5080.0	505078.3	5409010.1	4858.39990	282.93	53.15	48.834047	-86.930799	56182.59	56251.1	-1.08	56181.51	56173.82422	56178.32654	56167.49609	505078.3	5409010.1
L5080.0	505078.3	5409009.9	4858.50000	281.42	52.14	48.834044	-86.930799	56182.67	56251.1	-1.08	56181.59	56173.86328	56178.31068	56167.46484	505078.3	5409009.9
L5080.0	505078.3	5409009.9	4858.60010	279.26	52.14	48.834044	-86.930799	56182.64	56251.1	-1.08	56181.56	56173.79297	56178.28407	56167.42188	505078.3	5409009.9
L5080.0	505078.3	5409009.7	4858.70020	279.80	51.78	48.834043	-86.930799	56182.79	56251.1	-1.08	56181.71	56173.90234	56178.27893	56167.40234	505078.3	5409009.7
L5080.0	505078.3	5409009.5	4858.79981	279.47	51.78	48.834041	-86.930799	56182.82	56251.1	-1.08	56181.74	56173.89063	56178.26532	56167.37500	505078.3	5409009.5
L5080.0	505078.3	5409009.3	4858.89990	280.02	51.78	48.834039	-86.930799	56182.87	56251.1	-1.08	56181.79	56173.89844	56178.25772	56167.35156	505078.3	5409009.3
L5080.0	505078.3	5409009.1	4859.00000	279.38	51.56	48.834037	-86.930799	56182.90	56251.1	-1.08	56181.82	56173.88672	56178.25310	56167.33203	505078.3	5409009.1
L5080.0	505078.3	5409009.1	4859.10010	279.24	52.07	48.834037	-86.930799	56183.00	56251.1	-1.08	56181.92	56173.94141	56178.25732	56167.32031	505078.3	5409009.1
L5080.0	505078.3	5409008.9	4859.20020	279.46	52.07	48.834036	-86.930799	56183.00	56251.1	-1.08	56181.92	56173.89844	56178.26004	56167.30859	505078.3	5409008.9
L5080.0	505078.3	5409008.7	4859.29981	279.28	51.82	48.834034	-86.930799	56183.13	56251.1	-1.08	56182.04	56173.97266	56178.27365	56167.30469	505078.3	5409008.7
L5080.0	505078.3	5409008.6	4859.39990	280.42	51.82	48.834033	-86.930799	56183.10	56251.1	-1.08	56182.02	56173.91016	56178.28447	56167.30078	505078.3	5409008.6
L5080.0	505078.3	5409008.6	4859.50000	280.41	52.65	48.834033	-86.930799	56183.23	56251.1	-1.08	56182.15	56173.99219	56178.30629	56167.30469	505078.3	5409008.6
L5080.0	505078.3	5409008.4	4859.60010	280.15	52.19	48.834031	-86.930799	56183.25	56251.1	-1.08	56182.17	56173.96484	56178.32674	56167.31250	505078.3	5409008.4
L5080.0	505078.3	5409008.2	4859.70020	281.59	51.28	48.834030	-86.930799	56183.33	56251.1	-1.08	56182.25	56174.00000	56178.35312	56167.32031	505078.3	5409008.2
L5080.0	505078.3	5409008.1	4859.79981	284.15	51.28	48.834028	-86.930800	56183.37	56251.1	-1.08	56182.29	56173.99219	56178.38060	56167.33203	505078.3	5409008.1
L5080.0	505078.3	5409007.9	4859.89990	285.23	50.23	48.834027	-86.930800	56183.48	56251.1	-1.08	56182.40	56174.05469	56178.41341	56167.34766	505078.3	5409007.9
L5080.0	505078.3	5409007.9	4860.00000	286.57	50.23	48.834027	-86.930800	56183.51	56251.1	-1.08	56182.43	56174.03516	56178.44366	56167.36328	505078.3	5409007.9
L5080.0	505078.3	5409007.7	4860.10010	286.56	51.14	48.834025	-86.930800	56183.54	56251.1	-1.08	56182.46	56174.01563	56178.47404	56167.37891	505078.3	5409007.7
L5080.0	505078.3	5409007.5	4860.20020	285.70	51.14	48.834024	-86.930800	56183.61	56251.1	-1.08	56182.53	56174.03125	56178.50562	56167.39453	505078.3	5409007.5
L5080.0	505078.3	5409007.4	4860.29981	285.17	51.77	48.834022	-86.930800	56183.70	56251.1	-1.08	56182.62	56174.07031	56178.53575	56167.40625	505078.3	5409007.4
L5080.0	505078.3	5409007.2	4860.39990	278.54	51.77	48.834021	-86.930800	56183.76	56251.1	-1.08	56182.68	56174.07813	56178.56073	56167.41406	505078.3	5409007.2
L5080.0	505078.3	5409007.0	4860.50000	276.98	52.1	48.834019	-86.930800	56183.81	56251.1	-1.08	56182.73	56174.07813	56178.58120	56167.41797	505078.3	5409007.0
L5080.0	505078.3	5409007.0	4860.60010	281.19	52	48.834019	-86.930800	56183.88	56251.1	-1.08	56182.79	56174.08203	56178.59776	56167.41797	505078.3	5409007.0
L5080.0	505078.2	5409006.8	4860.70020	278.47	52	48.834017	-86.930800	56183.91	56251.1	-1.08	56182.83	56174.06641	56178.60823	56167.41016	505078.2	5409006.8
L5080.0	505078.2	5409006.7	4860.79981	274.99	52.01	48.834016	-86.930800	56183.98	56251.1	-1.08	56182.90	56174.08203	56178.61488	56167.40234	505078.2	5409006.7
L5080.0	505078.2	5409006.5	4860.89990	275.99	52.01	48.834014	-86.930800	56184.06	56251.1	-1.08	56182.97	56174.09766	56178.61547	56167.38672	505078.2	5409006.5
L5080.0	505078.2	5409006.5	4861.00000	280.17	52.08	48.834014	-86.930800	56184.12	56251.1	-1.08	56183.04	56174.10938	56178.61014	56167.36328	505078.2	5409006.5
L5080.0	505078.2	5409006.3	4861.10010	281.98	52.08	48.834013	-86.930800	56184.18	56251.1	-1.08	56183.10	56174.11328	56178.59864	56167.33203	505078.2	5409006.3
L5080.0	505078.2	5409006.2	4861.20020	281.81	52.21	48.834011	-86.930800	56184.22	56251.1	-1.08	56183.14	56174.09375	56178.58100	56167.29688	505078.2	5409006.2
L5080.0	505078.2	5409006.2	4861.29981	282.81	52.21	48.834011	-86.930800	56184.26	56251.1	-1.08	56183.18	56174.07422	56178.55852	56167.25781	505078.2	5409006.2
L5080.0	505078.2	5409006.0	4861.39990	280.08	52	48.834010	-86.930800	56184.37	56251.1	-1.08	56183.29	56174.12109	56178.53276	56167.21484	505078.2	5409006.0
L5080.0	505078.2	5409005.8	4861.50000	280.95	51.63	48.834008	-86.930800	56184.38	56251.1	-1.08	56183.31	56174.08203	56178.50040	56167.16406	505078.2	5409005.8
L5080.0	505078.2	5409005.7	4861.60010	279.68	51.46	48.834007	-86.930800	56184.39	56251.1	-1.07	56183.32	56174.03125	56178.46400	56167.10938	505078.2	5409005.7
L5080.0	505078.2	5409005.5	4861.70020	281.97	51.06	48.834005	-86.930800	56184.46	56251.1	-1.07	56183.38	56174.02734	56178.42410	56167.05078	505078.2	5409005.5
L5080.0	505078.2	5409005.4	4861.79981	280.66	51.06	48.834004	-86.930800	56184.55	56251.1	-1.07	56183.47	56174.05469	56178.38013	56166.99219	505078.2	5409005.4
L5080.0	505078.2	5409005.4	4861.89990	280.08	49.81	48.834004	-86.930800	56184.56	56251.1	-1.07	56183.49	56174.00781	56178.33370	56166.92578	505078.2	5409005.4
L5080.0	505078.2	5409005.2	4862.00000	279.84	48.3	48.834002	-86.930800	56184.57	56251.1	-1.07	56183.50	56173.95313	56178.28446	56166.85938	505078.2	5409005.2
L5080.0	505078.2	5409004.9	4862.10010	280.00	48.56	48.834000	-86.930800	56184.62	56251.1	-1.07	56183.55	56173.93750	56178.23020	56166.78516	505078.2	5409004.9
L5080.0	505078.2	5409004.9	4862.20020	280.18	49.43	48.834000	-86.930800	56184.66	56251.1	-1.07	56183.59	56173.91016	56178.17257	56166.71094	505078.2	5409004.9
L5080.0	505078.2	5409004.7	4862.29981	279.90	49.43	48.833998	-86.930800	56184.73	56251.1	-1.07	56183.66	56173.91016	56178.10906	56166.62891	505078.2	5409004.7
L5080.0	505078.2	5409004.4	4862.39990	281.20	48.84	48.833996	-86.930800	56184.69	56251.1	-1.07	56183.62	56173.80078	56178.04959	56166.55078	505078.2	5409004.4
L5080.0	505078.2	5409004.3	4862.50000	281.13	49.91	48.833994	-86.930800	56184.78	56251.1	-1.07	56183.71	56173.82031	56177.97648	56166.45703	505078.2	5409004.3
L5080.0	505078.2	5409004.1	4862.60010	278.66	49.91	48.833993	-86.930800	56184.79	56251.1	-1.07	56183.72	56173.76172	56177.90804	56166.37109	505078.2	5409004.1
L5080.0	505078.2	5409004.0	4862.70020	276.38	49.58	48.833991	-86.930800	56184.79	56251.1	-1.07	56183.72	56173.68750	56177.84020	56166.28125	505078.2	5409004.0
L5080.0	505078.2	5409003.6	4862.79981	276.48	49.58	48.833988	-86.930800	56184.81	56251.1	-1.07	56183.74	56173.63672	56177.77065	56166.19531	505078.2	5409003.6
L5080.0	505078.2	5409003.3	4862.89990	276.69	48.99	48.833986	-86.930800	56184.84	56251.1	-1.07	56183.77	56173.58984	56177.70111	56166.10547	505078.2	5409003.3
L5080.0	505078.2	5409003.0	4863.00000	277.62	46.84	48.833983	-86.930801	56184.82	56251.1	-1.07	56183.75	56173.49609	56177.64117	56166.02734	505078.2	5409003.0
L5080.0	505078.2	5409003.0	4863.10010	276.11	47.11	48.833983	-86.930801	56184.87	56251.1	-1.07	56183.80	56173.47266	56177.81868	56166.18359	505078.2	5409003.0
L5080.0	505078.2	5409002.7	4863.20020	276.21	46.63	48.833980	-86.930801	56184.83	56251.1	-1.07	56183.76	56173.35547	56177.75026	56166.09766	505078.2	5409002.7
L5080.0	505078.2	5409002.4	4863.29981	276.99	46.63	48.833978	-86.930801	56184.89	56251.1	-1.07	56183.82	56173.33984	56177.71440	56166.03906	505078.2	5409002.4
L5080.0	505078.2	5409002.0	4863.39990	276.02	47.58	48.833974	-86.930800	56184.87	56251.1	-1.07	56183.80	56173.23828	56177.66490	56165.97266	505078.2	5409002.0
L5080.0	505078.2	5409002.0	4863.50000	274.65	48.77	48.833974	-86.930800	56184.88	56251.1	-1.07	56183.81	56173.17188	56177.63145	56165.91797	505078.2	5409002.0
L5080.0	505078.2	5409001.6	4863.60010	276.68	48.77	48.833970	-86.930800	56184.92	56251.1	-1.06	56183.85	56173.12891	56177.61484	56165.88281	505078.2	5409001.6
L5080.0	505078.2	5409001.2	4863.70020	276.51	49.04	48.833966	-86.930800	56184.87	56251.1	-1.06	56183.80	56173.00000	56177.58458	56165.83203	505078.2	5409001.2
L5080.0	505078.2	5409001.2	4863.79981	276.03	49.92	48.833966	-86.930800	56184.90	56251.1	-1.06	56183.84	56172.95703	56177.58632	56165.81641	505078.2	5409001.2
L5080.0	505078.3	5409000.6	4863.89990	276.60	49.92	48.833961	-86.930800	56184.92	56251.1	-1.06	56183.86	56172.89453	56177.59082	56165.80078	505078.3	5409000.6
L5080.0	505078.3	5409000.2	4864.00000	275.94	49.75	48.833957	-86.930800	56184.89	56251.1	-1.06	56183.83	56172.78125	56177.58943	56165.77734	505078.3	5409000.2
L5080.0	505078.3	5409000.2	4864.10010	277.02	49.75	48.833957	-86.930800	56184.90	56251.1	-1.06	56183.84	56172.70703	56177.36104	56165.53125	505078.3	5409000.2
L5080.0	505078.3	5408999.6	4864.20020	277.15	50.91	48.833952	-86.930800	56184.94	56251.1	-1.06	56183.88	56172.66406	56177.37179	56165.51953	505078.3	5408999.6
L5080.0	505078.3	5408999.3	4864.29981	276.66	51.33	48.833949	-86.930800	56184.89	56251.1	-1.06	56183.83	56172.52734	56177.39533	56165.52344	505078.3	5408999.3
L5080.0	505078.3	5408998.9	4864.39990	275.43	51.33	48.833946	-86.930800	56184.93	56251.1	-1.06	56183.86	56172.47266	56177.40826	56165.51953	505078.3	5408998.9
L5080.0	505078.3	5408998.4	4864.50000	276.62	51.6	48.833941	-86.930800	56184.87	56251.1	-1.07	56183.80	56172.32422	56177.42839	56165.51953	505078.3	5408998.4

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5080.0	505078.3	5408997.9	4864.60010	278.64	51.43	48.833937	-86.930799	56184.92	56251.1	-1.07	56183.85	56172.28516	56177.43284	56165.50391	505078.3	5408997.9
L5080.0	505078.3	5408997.9	4864.70020	279.77	51.21	48.833937	-86.930799	56184.89	56251.1	-1.07	56183.82	56172.16797	56177.43896	56165.49219	505078.3	5408997.9
L5080.0	505078.3	5408997.5	4864.79981	278.37	51.21	48.833933	-86.930799	56184.88	56251.1	-1.07	56183.81	56172.06641	56177.43545	56165.46875	505078.3	5408997.5
L5080.0	505078.3	5408997.0	4864.89990	279.51	52.52	48.833928	-86.930799	56184.89	56251.1	-1.07	56183.82	56171.98828	56177.42136	56165.43359	505078.3	5408997.0
L5080.0	505078.3	5408996.5	4865.00000	281.03	52.26	48.833924	-86.930799	56184.87	56251.1	-1.07	56183.80	56171.87500	56177.39918	56165.39063	505078.3	5408996.5
L5080.0	505078.4	5408995.9	4865.10010	279.79	52.91	48.833919	-86.930799	56184.86	56251.1	-1.07	56183.79	56171.77344	56177.36511	56165.33984	505078.4	5408995.9
L5080.0	505078.4	5408995.9	4865.20020	282.02	52.91	48.833919	-86.930799	56184.84	56251.1	-1.07	56183.77	56171.66406	56177.31984	56165.27344	505078.4	5408995.9
L5080.0	505078.4	5408995.2	4865.29981	280.69	53.18	48.833912	-86.930799	56184.82	56251.1	-1.06	56183.75	56171.55078	56177.26214	56165.19922	505078.4	5408995.2
L5080.0	505078.4	5408994.5	4865.39990	280.45	52.64	48.833906	-86.930798	56184.81	56251.1	-1.06	56183.74	56171.44531	56177.19152	56165.10938	505078.4	5408994.5
L5080.0	505078.4	5408994.5	4865.50000	280.06	52.64	48.833906	-86.930798	56184.82	56251.1	-1.06	56183.76	56171.37500	56177.10730	56165.00391	505078.4	5408994.5
L5080.0	505078.4	5408993.8	4865.60010	279.69	49.25	48.833900	-86.930798	56184.73	56251.1	-1.06	56183.67	56171.18750	56177.02048	56164.89844	505078.4	5408993.8
L5080.0	505078.4	5408993.3	4865.70020	277.82	50.3	48.833895	-86.930798	56184.76	56251.1	-1.06	56183.71	56171.13281	56176.91423	56164.77344	505078.4	5408993.3
L5080.0	505078.4	5408992.8	4865.79981	278.60	50.3	48.833891	-86.930798	56184.69	56251.1	-1.05	56183.63	56170.95703	56176.80901	56164.65234	505078.4	5408992.8
L5080.0	505078.4	5408992.1	4865.89990	278.89	51.44	48.833885	-86.930798	56184.68	56251.1	-1.05	56183.62	56170.85156	56176.68983	56164.51563	505078.4	5408992.1
L5080.0	505078.5	5408991.6	4866.00000	277.76	43.05	48.833880	-86.930797	56184.66	56251.1	-1.05	56183.61	56170.74609	56176.56327	56164.37109	505078.5	5408991.6
L5080.0	505078.5	5408991.0	4866.10010	277.21	43.05	48.833875	-86.930797	56184.66	56251.1	-1.05	56183.61	56170.64844	56176.42882	56164.21875	505078.5	5408991.0
L5080.0	505078.5	5408990.4	4866.20020	277.13	45.05	48.833869	-86.930797	56184.57	56251.1	-1.05	56183.52	56170.46484	56176.29895	56164.07031	505078.5	5408990.4
L5080.0	505078.5	5408989.9	4866.29981	275.50	47.66	48.833864	-86.930797	56184.56	56251.1	-1.06	56183.50	56170.34766	56176.15651	56163.91016	505078.5	5408989.9
L5080.0	505078.5	5408989.9	4866.39990	275.77	49.1	48.833864	-86.930797	56184.50	56251.1	-1.06	56183.44	56170.18750	56176.34210	56164.07813	505078.5	5408989.9
L5080.0	505078.5	5408989.1	4866.50000	275.81	39.29	48.833858	-86.930797	56184.48	56251.1	-1.06	56183.42	56170.07031	56176.21297	56163.93359	505078.5	5408989.1
L5080.0	505078.5	5408988.4	4866.60010	276.41	39.29	48.833851	-86.930797	56184.45	56251.1	-1.06	56183.38	56169.93359	56176.08158	56163.78516	505078.5	5408988.4
L5080.0	505078.5	5408987.8	4866.70020	277.07	39.43	48.833845	-86.930797	56184.36	56251.1	-1.06	56183.29	56169.74609	56175.94220	56163.62891	505078.5	5408987.8
L5080.0	505078.5	5408987.8	4866.79981	275.43	38.8	48.833845	-86.930797	56184.37	56251.1	-1.07	56183.31	56169.66797	56175.83610	56163.50781	505078.5	5408987.8
L5080.0	505078.5	5408986.8	4866.89990	275.03	38.72	48.833837	-86.930797	56184.31	56251.1	-1.07	56183.24	56169.50000	56175.71257	56163.36719	505078.5	5408986.8
L5080.0	505078.5	5408986.0	4867.00000	275.06	38.72	48.833830	-86.930797	56184.22	56251.1	-1.07	56183.15	56169.30859	56175.59077	56163.23047	505078.5	5408986.0
L5080.0	505078.5	5408985.1	4867.10010	277.24	39.71	48.833822	-86.930797	56184.16	56251.1	-1.07	56183.09	56169.15234	56175.48279	56163.10938	505078.5	5408985.1
L5080.0	505078.5	5408984.6	4867.20020	276.97	45.25	48.833817	-86.930797	56184.14	56251.1	-1.07	56183.08	56169.04297	56175.39267	56163.00391	505078.5	5408984.6
L5080.0	505078.5	5408983.8	4867.29981	277.59	45.25	48.833810	-86.930797	56184.06	56251.1	-1.06	56182.99	56168.85547	56175.28750	56162.88281	505078.5	5408983.8
L5080.0	505078.5	5408982.9	4867.39990	277.69	49.36	48.833802	-86.930797	56183.96	56251.1	-1.06	56182.90	56168.66797	56175.18606	56162.76953	505078.5	5408982.9
L5080.0	505078.5	5408982.5	4867.50000	275.99	51.07	48.833799	-86.930797	56183.86	56251.1	-1.06	56182.80	56168.47266	56175.08507	56162.65625	505078.5	5408982.5
L5080.0	505078.5	5408981.6	4867.60010	276.84	51.39	48.833790	-86.930797	56183.88	56251.1	-1.06	56182.82	56168.39453	56175.01582	56162.57031	505078.5	5408981.6
L5080.0	505078.5	5408981.6	4867.70020	276.74	53.04	48.833790	-86.930797	56183.73	56251.1	-1.06	56182.68	56168.15625	56174.90805	56162.45313	505078.5	5408981.6
L5080.0	505078.5	5408980.7	4867.79981	276.99	53.04	48.833782	-86.930797	56183.71	56251.1	-1.05	56182.66	56168.03906	56174.83043	56162.36328	505078.5	5408980.7
L5080.0	505078.5	5408980.1	4867.89990	276.38	41.03	48.833776	-86.930797	56183.58	56251.1	-1.05	56182.53	56167.81250	56174.72471	56162.24609	505078.5	5408980.1
L5080.0	505078.5	5408979.2	4868.00000	276.88	41.03	48.833769	-86.930797	56183.54	56251.1	-1.05	56182.49	56167.67969	56174.64064	56162.14844	505078.5	5408979.2
L5080.0	505078.5	5408978.4	4868.10010	273.85	41.95	48.833761	-86.930797	56183.40	56251	-1.05	56182.35	56167.44141	56174.52934	56162.02734	505078.5	5408978.4
L5080.0	505078.5	5408977.6	4868.20020	275.19	45.95	48.833754	-86.930797	56183.36	56251	-1.05	56182.31	56167.30859	56174.44126	56161.92969	505078.5	5408977.6
L5080.0	505078.5	5408976.8	4868.29981	274.84	50.01	48.833747	-86.930797	56183.20	56251	-1.04	56182.16	56167.06250	56174.32140	56161.80078	505078.5	5408976.8
L5080.0	505078.5	5408976.8	4868.39990	275.61	50.01	48.833747	-86.930797	56183.15	56251	-1.04	56182.11	56166.92188	56174.22440	56161.69531	505078.5	5408976.8
L5080.0	505078.5	5408975.5	4868.50000	275.35	48.87	48.833736	-86.930797	56183.05	56251	-1.04	56182.01	56166.72656	56174.11126	56161.57031	505078.5	5408975.5
L5080.0	505078.5	5408974.5	4868.60010	278.96	48.87	48.833726	-86.930797	56182.92	56251	-1.04	56181.88	56166.50781	56173.98721	56161.44141	505078.5	5408974.5
L5080.0	505078.5	5408974.5	4868.70020	278.14	51.26	48.833726	-86.930797	56182.79	56251	-1.04	56181.76	56166.29688	56173.86291	56161.30859	505078.5	5408974.5
L5080.0	505078.5	5408973.6	4868.79981	277.96	51.26	48.833718	-86.930797	56182.74	56251	-1.03	56181.71	56166.15625	56173.75441	56161.19141	505078.5	5408973.6
L5080.0	505078.5	5408972.6	4868.89990	278.61	48.96	48.833709	-86.930797	56182.62	56251	-1.03	56181.59	56165.94531	56173.62402	56161.05469	505078.5	5408972.6
L5080.0	505078.5	5408971.7	4869.00000	277.60	49.21	48.833701	-86.930797	56182.49	56251	-1.03	56181.46	56165.72656	56173.48743	56160.91406	505078.5	5408971.7
L5080.0	505078.5	5408971.7	4869.10010	278.01	49.21	48.833701	-86.930797	56182.39	56251	-1.03	56181.36	56165.54297	56173.35524	56160.77734	505078.5	5408971.7
L5080.0	505078.6	5408969.8	4869.20020	277.06	49.21	48.833684	-86.930796	56182.25	56251	-1.03	56181.22	56165.31641	56173.20849	56160.62500	505078.6	5408969.8
L5080.0	505078.6	5408969.8	4869.29981	278.55	49.77	48.833684	-86.930796	56182.14	56251	-1.03	56181.11	56165.12109	56173.06611	56160.48047	505078.6	5408969.8
L5080.0	505078.6	5408968.8	4869.39990	277.51	50.16	48.833675	-86.930796	56182.01	56251	-1.03	56180.98	56164.91016	56172.51502	56159.92578	505078.6	5408968.8
L5080.0	505078.6	5408968.0	4869.50000	277.57	51.78	48.833668	-86.930796	56181.89	56251	-1.02	56180.87	56164.71484	56172.35843	56159.76563	505078.6	5408968.0
L5080.0	505078.6	5408968.0	4869.60010	277.66	51.78	48.833668	-86.930796	56181.73	56251	-1.02	56180.70	56164.46484	56172.20685	56159.61328	505078.6	5408968.0
L5080.0	505078.6	5408966.7	4869.70020	279.30	52.19	48.833656	-86.930797	56181.68	56251	-1.02	56180.66	56164.34766	56172.03380	56159.43750	505078.6	5408966.7
L5080.0	505078.5	5408965.5	4869.79981	278.60	52.19	48.833645	-86.930797	56181.48	56251	-1.02	56180.46	56164.07031	56171.88067	56159.28516	505078.5	5408965.5
L5080.0	505078.5	5408964.3	4869.89990	277.43	52.49	48.833635	-86.930797	56181.40	56251	-1.02	56180.38	56163.91406	56171.70827	56159.11328	505078.5	5408964.3
L5080.0	505078.5	5408963.3	4870.00000	276.70	51.52	48.833625	-86.930797	56181.21	56251	-1.02	56180.19	56163.65234	56171.54919	56158.95703	505078.5	5408963.3
L5080.0	505078.5	5408963.3	4870.10010	276.34	51.52	48.833625	-86.930797	56181.13	56251	-1.02	56180.11	56163.50000	56171.37315	56158.78125	505078.5	5408963.3
L5080.0	505078.5	5408962.1	4870.20020	276.05	53.47	48.833615	-86.930797	56180.94	56251	-1.03	56179.91	56163.22656	56171.21212	56158.62500	505078.5	5408962.1
L5080.0	505078.5	5408961.2	4870.29981	277.61	51.57	48.833607	-86.930797	56180.85	56251	-1.03	56179.82	56163.07031	56171.03481	56158.44922	505078.5	5408961.2
L5080.0	505078.5	5408961.2	4870.39990	277.57	51.57	48.833607	-86.930797	56180.70	56251	-1.03	56179.67	56162.85156	56170.86430	56158.28516	505078.5	5408961.2
L5080.0	505078.5	5408960.1	4870.50000	277.24	54.11	48.833597	-86.930797	56180.55	56251	-1.04	56179.51	56162.62891	56170.69358	56158.11719	505078.5	5408960.1
L5080.0	505078.5	5408959.0	4870.60010	277.90	54.11	48.833587	-86.930798	56180.42	56251	-1.04	56179.38	56162.43750	56170.51727	56157.94922	505078.5	5408959.0
L5080.0	505078.5	5408958.0	4870.70020	277.38	55.19	48.833578	-86.930798	56180.24	56251	-1.04	56179.20	56162.19531	56170.34517	56157.78125	505078.5	5408958.0
L5080.0	505078.4	5408957.1	4870.79981	277.18	55.33	48.833570	-86.930798	56180.16	56251	-1.04	56179.12	56162.05859	56170.15829	56157.60156	505078.4	5408957.1
L5080.0	505078.4	5408956.0	4870.89990	276.88	55.36	48.833560	-86.930799	56179.96	56251	-1.05	56178.91	56161.79297	56169.98453	56157.43750	505078.4	5408956.0
L5080.0	505078.4	5408956.0	4871.00000	278.19	55.38	48.833560	-86.930799	56179.84	56251.1	-1.05	56178.79	56161.61719	56169.79655	56157.25781	505078.4	5408956.0
L5080.0	505078.4	5408954.6	4871.10010	277.77	55.38	48.833547	-86.930799	56179.71	56251.1	-1.05	56178.66	56161.43750	56169.60581	56157.07813	505078.4	5408954.6
L5080.0	505078.4	5408953.4	4871.20020	278.79	55.13	48.833536	-86.930799	56179.56	56251.1	-1.05	56178.51	56161.23828	56169.41251	56156.89453	505078.4	5408953.4
L5080.0	505078.3	5408952.3	4871.29981	278.81	55.13	48.833526	-86.930800	56179.33	56251.1	-1.05	56178.28	56160.96484	56169.22230	56156.71875	505078.3	5408952.3
L5080.0	505078.3	5408952.3	4871.39990	276.69	54.96	48.833526	-86.930800	56179.25	56251.1	-1.05	56178.20	56160.83984	56169.00943	56156.51953	505078.3	5408952.3
L5080.0	505078.3	5408950.8	4871.50000	277.89	54	48.833513	-86.930800	56179.01	56251.1	-1.05	56177.96	56160.55859	56168.80575	56156.32813	505078.3	5408950.8
L5080.0	505078.3	5408949.7	4871.60010	279.56	54	48.833503	-86.930800	56178.89	56251.1	-1.05	56177.84	56160.40234	56168.58080	56156.11719	505078.3	5408949.7
L5080.0	505078.3	5408949.7	4871.70020	278.78	51.6	48.833503	-86.930800	56178.70	56251.1	-1.05	56177.65	56160.17578	56168.35304	56155.90625	505078.3	5408949.7
L5080.0	505078.3	5408948.6	4871.79981	278.71	51.6	48.833493	-86.930800	56178.54	56251.1	-1.05	56177.49	56159.98438	56168.11120	56155.67969	505078.3	5408948.6
L5080.0	505078.2	5408947.1	4871.89990	277.83	48.67	48.833480	-86.930801	56178.35	56251.1	-1.05	56177.30	56159.76563	56167.86012	56155.44531	505078.2	5408947.1
L5080.0	505078.2	5408946.2	4872.00000	277.35	48.67	48.833472	-86.930801	56178.20	56251.1	-1.05	56177.15	56159.58984	56167.59137	56155.19531	505078.2	5408946.2
L5080.0	505078.2	5408945.3	4872.10010	279.14	47.57	48.833464	-86.930801	56177.98	56251	-1.04	56176.93	56159.34375	56167.31522	56154.93750	505078.2	5408945.3
L5080.0	505078.2	5408944.2	4872.20020	278.72	48.7	48.833454	-86.930801	56177.79	56251	-1.04	56176.75	56159.14453	56167.01971	56154.66016	505078.2	5408944.2
L5080.0	505078.2	5408943.1	4872.29981	278.62	48.7	48.833444	-86.930802	56177.59	56251	-1.03	56176.55	56158.92969	56166.71070	56154.37109	505078.2	5408943.1
L5080.0	505078.2	5408943.1	4872.39990	279.45	47.82	48.833444	-86.930802	56177.36	56251	-1.03	56176.33	56158.69531	56166.38808	56154.07031	505078.2	5408943.1
L5080.0	505078.2	5408941.8	4872.50000	279.59	47.82	48.833432	-86.930802	56177.18	56251	-1.02	56176.16	56158.51563	56166.04299	56153.75000	505078.2	5408941.8
L5080.0	505078.2	5408940.8	4872.60010	279.78	47.82	48.833423	-86.930802	56176.98	56251	-1.01	56175.96	56158.30859	56165.68507	56153.41406	505078.2	5408940.8
L5080.0	505078.2	5408939.3	4872.70020	278.73	47.72	48.833409	-86.930802	56176.70	56251	-1.01	56175.69	56158.03516	56166.05243	56153.80859	505078.2	5408939.3
L5080.0	505078.2	5408939.3	4872.79981	279.31	47.26	48.833409	-86.930802	56176.52	56251	-1.00	56175.52	56157.86719	56165.70430	56153.48438	505078.2	5408939.3
L5080.0	505078.2	5408937.7	4872.89990	276.87	49.3	48.833396	-86.930802	56176.25	56251	-1.00	56175.26	56157.60938	56165.32149	56153.12891	505078.2	5408937.7
L5080.0	505078.2	5408937.7	4873.00000	276.50	49.3	48.833396	-86.930802	56176.02	56251	-0.99	56175.03	56157.38672	56164.93665	56152.76953	505078.2	5408937.7
L5080.0	505078.2	5408936.6	4873.10010	277.45	47.53	48.833385	-86.930802	56175.79	56251	-1.00	56174.80	56157.16797	56164.54324	56152.40625	505078.2	5408936.6
L5080.0	505078.2	5408935.4	4873.20020	278.09	47.53	48.833375	-86.930802	56175.50	56251	-1.00	56174.50	56156.88281	56164.12683	56152.01563	505078.2	5408935.4
L5080.0	505078.2	5408933.9	4873.29981	276.82	47.53	48.833361	-86.930802	56175.29	56251	-1.01	56174.28	56156.68359	56163.72510	56151.64453	505078.2	5408933.9
L5080.0	505078.2	5408933.9	4873.39990	275.71	47.97	48.833361	-86.930802	56174.96	56251	-1.01	56173.94	56156.36328	56163.29515	56151.24609	505078.2	5408933.9
L5080.0	505078.2	5408932.5	4873.50000	274.51	46.92	48.833349	-86.930802	56174.68	56251	-1.02	56173.66	56156.11328	56162.87990	56150.86328	505078.2	5408932.5
L5080.0	505078.2	5408931.4	4873.60010	272.70	46.92	48.833338	-86.930802	56174.40	56251	-1.03	56173.37	56155.85156	56162.46567	56150.48047	505078.2	5408931.4
L5080.0	505078.2	5408930.6	4873.70020	273.09	47.46	48.833332	-86.930802	56174.09	56251	-1.03	56173.06	56155.57813	56162.05116	56150.09766	505078.2	5408930.6
L5080.0	505078.2	5408929.2	4873.79981	274.20	47.46	48.833319	-86.930802	56173.79	56251	-1.04	56172.75	56155.30469	56161.64117	56149.72266	505078.2	5408929.2

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5080.0	505078.2	5408929.2	4873.89990	274.08	46.54	48.833319	-86.930802	56173.48	56251	-1.04	56172.44	56155.03906	56161.23568	56149.35547	505078.2	5408929.2
L5080.0	505078.2	5408927.9	4874.00000	272.90	46.66	48.833307	-86.930802	56173.16	56251.1	-1.05	56172.11	56154.75781	56160.83070	56148.98438	505078.2	5408927.9
L5080.0	505078.1	5408926.3	4874.10010	274.48	46.66	48.833293	-86.930803	56172.85	56251	-1.05	56171.80	56154.49609	56160.43342	56148.62500	505078.1	5408926.3
L5080.0	505078.1	5408926.3	4874.20020	273.24	41.15	48.833293	-86.930803	56172.50	56251	-1.04	56171.46	56154.21484	56160.03379	56148.26172	505078.1	5408926.3
L5080.0	505078.1	5408924.8	4874.29981	273.84	41.15	48.833279	-86.930803	56172.16	56251	-1.04	56171.12	56153.93359	56159.63638	56147.90234	505078.1	5408924.8
L5080.0	505078.1	5408923.4	4874.39990	274.32	45.61	48.833267	-86.930803	56171.82	56251	-1.04	56170.78	56153.65625	56159.23973	56147.54688	505078.1	5408923.4
L5080.0	505078.1	5408923.4	4874.50000	274.71	46.93	48.833267	-86.930803	56171.41	56251	-1.04	56170.38	56153.32813	56158.83167	56147.17969	505078.1	5408923.4
L5080.0	505078.1	5408922.2	4874.60010	275.51	46.93	48.833256	-86.930803	56171.09	56251	-1.03	56170.06	56153.08203	56158.43450	56146.82422	505078.1	5408922.2
L5080.0	505078.1	5408921.0	4874.70020	271.67	46.93	48.833245	-86.930803	56170.68	56251	-1.03	56169.65	56152.75000	56158.01599	56146.44531	505078.1	5408921.0
L5080.0	505078.1	5408919.5	4874.79981	272.37	47.01	48.833231	-86.930804	56170.27	56251	-1.03	56169.24	56152.42188	56157.58803	56146.06250	505078.1	5408919.5
L5080.0	505078.1	5408919.5	4874.89990	277.16	46.72	48.833231	-86.930804	56169.88	56251	-1.02	56168.85	56152.12109	56157.15301	56145.67188	505078.1	5408919.5
L5080.0	505078.1	5408918.3	4875.00000	277.46	46.72	48.833221	-86.930804	56169.54	56251	-1.02	56168.52	56151.88281	56156.71790	56145.28125	505078.1	5408918.3
L5080.0	505078.0	5408917.1	4875.10010	276.73	47.48	48.833210	-86.930804	56169.09	56251	-1.02	56168.07	56151.52734	56156.25288	56144.85938	505078.0	5408917.1
L5080.0	505078.0	5408915.9	4875.20020	276.38	47.48	48.833199	-86.930804	56168.71	56251	-1.02	56167.69	56151.25000	56155.79034	56144.44531	505078.0	5408915.9
L5080.0	505078.0	5408915.9	4875.29981	276.74	46.46	48.833199	-86.930804	56168.22	56251	-1.01	56167.21	56150.87500	56155.30392	56144.00391	505078.0	5408915.9
L5080.0	505078.0	5408914.7	4875.39990	275.10	46.46	48.833188	-86.930804	56167.81	56251	-1.01	56166.79	56150.56641	56154.82095	56143.57031	505078.0	5408914.7
L5080.0	505078.0	5408913.3	4875.50000	273.32	48.87	48.833175	-86.930805	56167.36	56251	-1.01	56166.35	56150.24609	56154.32981	56143.12500	505078.0	5408913.3
L5080.0	505078.0	5408913.3	4875.60010	274.40	50.34	48.833175	-86.930805	56166.91	56251	-1.01	56165.91	56149.92578	56153.83484	56142.67969	505078.0	5408913.3
L5080.0	505078.0	5408912.1	4875.70020	274.11	50.34	48.833165	-86.930805	56166.43	56251	-1.01	56165.43	56149.57031	56153.33157	56142.22656	505078.0	5408912.1
L5080.0	505078.0	5408910.9	4875.79981	274.72	49.62	48.833154	-86.930805	56165.94	56251	-1.00	56164.93	56149.20313	56152.82483	56141.76953	505078.0	5408910.9
L5080.0	505078.0	5408909.5	4875.89990	275.48	49.62	48.833142	-86.930805	56165.43	56251	-1.00	56164.42	56148.82813	56152.31709	56141.31250	505078.0	5408909.5
L5080.0	505078.0	5408908.3	4876.00000	273.84	49.03	48.833131	-86.930805	56164.96	56251	-1.00	56163.96	56148.51172	56151.81747	56140.86719	505078.0	5408908.3
L5080.0	505078.0	5408908.3	4876.10010	273.82	49.03	48.833131	-86.930805	56164.45	56251	-1.00	56163.45	56148.14844	56151.31280	56140.41406	505078.0	5408908.3
L5080.0	505078.0	5408907.2	4876.20020	271.28	49.5	48.833121	-86.930805	56163.90	56251	-1.00	56162.90	56147.75000	56150.80618	56139.96094	505078.0	5408907.2
L5080.0	505078.0	5408906.0	4876.29981	271.24	43.12	48.833110	-86.930805	56163.37	56251	-1.00	56162.37	56147.37500	56150.30704	56139.51563	505078.0	5408906.0
L5080.0	505078.0	5408904.3	4876.39990	271.92	43.12	48.833095	-86.930805	56162.79	56251	-1.00	56161.79	56146.95703	56149.80556	56139.06641	505078.0	5408904.3
L5080.0	505078.0	5408904.3	4876.50000	272.10	47.14	48.833095	-86.930805	56162.20	56251	-1.00	56161.20	56146.53516	56149.30721	56138.62500	505078.0	5408904.3
L5080.0	505078.0	5408903.1	4876.60010	272.56	47.14	48.833084	-86.930805	56161.64	56251	-1.00	56160.64	56146.14844	56148.81732	56138.19141	505078.0	5408903.1
L5080.0	505078.0	5408901.9	4876.70020	273.27	47.3	48.833073	-86.930805	56161.05	56251	-1.00	56160.05	56145.73438	56148.32554	56137.75391	505078.0	5408901.9
L5080.0	505078.0	5408900.8	4876.79981	274.90	47.49	48.833063	-86.930805	56160.41	56251	-1.00	56159.41	56145.27734	56147.82692	56137.31250	505078.0	5408900.8
L5080.0	505078.0	5408899.3	4876.89990	274.13	47.49	48.833050	-86.930804	56159.81	56251	-1.00	56158.81	56144.86328	56147.33337	56136.87891	505078.0	5408899.3
L5080.0	505078.0	5408898.0	4877.00000	275.33	47.5	48.833038	-86.930804	56159.14	56251	-1.00	56158.14	56144.38672	56146.82558	56136.42578	505078.0	5408898.0
L5080.0	505078.1	5408896.9	4877.10010	275.52	47.5	48.833029	-86.930804	56158.52	56251	-1.00	56157.52	56143.96875	56146.32173	56135.98047	505078.1	5408896.9
L5080.0	505078.1	5408896.9	4877.20020	276.08	48.75	48.833029	-86.930804	56157.84	56251	-1.00	56156.84	56143.49219	56145.80170	56135.51953	505078.1	5408896.9
L5080.0	505078.1	5408895.6	4877.29981	275.79	47.76	48.833017	-86.930804	56157.12	56251	-1.00	56156.12	56142.98047	56145.26629	56135.04297	505078.1	5408895.6
L5080.0	505078.1	5408894.2	4877.39990	277.87	47.76	48.833004	-86.930804	56156.48	56251	-1.00	56155.49	56142.56641	56144.73697	56134.57422	505078.1	5408894.2
L5080.0	505078.1	5408892.9	4877.50000	276.58	48.86	48.832992	-86.930804	56155.76	56251	-0.99	56154.76	56142.05469	56144.17718	56134.07422	505078.1	5408892.9
L5080.0	505078.1	5408891.4	4877.60010	276.44	48.69	48.832979	-86.930803	56155.02	56251	-0.99	56154.02	56141.53906	56143.60132	56133.56250	505078.1	5408891.4
L5080.0	505078.1	5408891.4	4877.70020	276.85	48.69	48.832979	-86.930803	56154.32	56251	-0.99	56153.32	56141.07031	56143.01745	56133.03906	505078.1	5408891.4
L5080.0	505078.1	5408890.1	4877.79981	276.55	49.15	48.832967	-86.930803	56153.56	56251	-0.99	56152.57	56140.55469	56142.40536	56132.48828	505078.1	5408890.1
L5080.0	505078.1	5408888.6	4877.89990	275.87	49.59	48.832953	-86.930803	56152.79	56251	-0.99	56151.80	56140.02734	56141.77118	56131.91406	505078.1	5408888.6
L5080.0	505078.1	5408888.6	4878.00000	273.50	49.59	48.832953	-86.930803	56152.02	56251	-0.99	56151.03	56139.50391	56141.12056	56131.32813	505078.1	5408888.6
L5080.0	505078.1	5408887.1	4878.10010	273.61	49.54	48.832940	-86.930803	56151.25	56251	-0.99	56150.27	56138.99609	56140.45621	56130.72656	505078.1	5408887.1
L5080.0	505078.1	5408885.8	4878.20020	273.81	49.54	48.832929	-86.930803	56150.49	56251	-0.99	56149.50	56138.48047	56139.77518	56130.10938	505078.1	5408885.8
L5080.0	505078.1	5408884.5	4878.29981	276.37	50.04	48.832917	-86.930803	56149.69	56251	-0.98	56148.70	56137.94531	56139.07567	56129.47266	505078.1	5408884.5
L5080.0	505078.1	5408884.5	4878.39990	274.88	50.04	48.832917	-86.930803	56148.85	56251	-0.98	56147.87	56137.38281	56138.36001	56128.82031	505078.1	5408884.5
L5080.0	505078.1	5408883.0	4878.50000	273.60	50.22	48.832904	-86.930803	56148.06	56251	-0.98	56147.08	56136.86328	56137.64312	56128.16797	505078.1	5408883.0
L5080.0	505078.1	5408881.5	4878.60010	273.69	50.44	48.832890	-86.930803	56147.21	56251	-0.98	56146.23	56136.29297	56136.90737	56127.49609	505078.1	5408881.5
L5080.0	505078.1	5408880.2	4878.70020	273.20	50.44	48.832878	-86.930803	56146.34	56251	-0.98	56145.36	56135.70703	56136.16215	56126.81250	505078.1	5408880.2
L5080.0	505078.1	5408880.2	4878.79981	273.90	48.57	48.832878	-86.930803	56145.55	56251	-0.97	56144.57	56135.20313	56135.42726	56126.14453	505078.1	5408880.2
L5080.0	505078.1	5408879.1	4878.89990	272.72	48.57	48.832868	-86.930803	56144.68	56251	-0.97	56143.70	56134.62891	56134.67338	56125.45313	505078.1	5408879.1
L5080.0	505078.2	5408877.4	4879.00000	272.11	47.32	48.832853	-86.930803	56143.79	56251	-0.97	56142.82	56134.04688	56133.91398	56124.76172	505078.2	5408877.4
L5080.0	505078.2	5408875.8	4879.10010	273.91	48.84	48.832839	-86.930803	56142.91	56251	-0.97	56141.94	56133.46875	56133.15115	56124.06250	505078.2	5408875.8
L5080.0	505078.2	5408874.6	4879.20020	274.66	48.84	48.832827	-86.930803	56142.02	56251	-0.97	56141.05	56132.88672	56132.38359	56123.35938	505078.2	5408874.6
L5080.0	505078.2	5408874.6	4879.29981	275.12	48.94	48.832827	-86.930803	56141.19	56251	-0.97	56140.22	56132.37109	56131.62376	56122.66797	505078.2	5408874.6
L5080.0	505078.2	5408873.2	4879.39990	276.85	49.33	48.832815	-86.930803	56140.24	56251	-0.97	56139.27	56131.73828	56130.84009	56121.94922	505078.2	5408873.2
L5080.0	505078.2	5408872.0	4879.50000	275.71	49.33	48.832804	-86.930803	56139.38	56251	-0.97	56138.40	56131.19141	56130.06647	56121.23828	505078.2	5408872.0
L5080.0	505078.2	5408872.0	4879.60010	274.78	48.81	48.832804	-86.930803	56138.45	56251	-0.97	56137.47	56130.58984	56129.27847	56120.51563	505078.2	5408872.0
L5080.0	505078.2	5408870.2	4879.70020	275.01	49.92	48.832788	-86.930803	56137.57	56251	-0.97	56136.60	56130.05469	56128.49599	56119.80078	505078.2	5408870.2
L5080.0	505078.2	5408868.9	4879.79981	275.80	49.92	48.832776	-86.930803	56136.63	56251	-0.97	56135.66	56129.45313	56127.69679	56119.06641	505078.2	5408868.9
L5080.0	505078.2	5408868.9	4879.89990	276.25	52.5	48.832776	-86.930803	56135.78	56251	-0.97	56134.81	56128.94531	56126.90739	56118.34375	505078.2	5408868.9
L5080.0	505078.2	5408867.3	4880.00000	274.63	52.5	48.832762	-86.930803	56134.84	56251	-0.97	56133.87	56128.35156	56126.09745	56117.59766	505078.2	5408867.3
L5080.0	505078.2	5408866.2	4880.10010	273.89	48.78	48.832752	-86.930802	56133.92	56251	-0.97	56132.95	56127.78125	56125.28537	56116.85156	505078.2	5408866.2
L5080.0	505078.2	5408864.4	4880.20020	273.89	48.78	48.832736	-86.930802	56132.98	56251	-0.97	56132.02	56127.21094	56124.46618	56116.09766	505078.2	5408864.4
L5080.0	505078.2	5408864.4	4880.20020	272.37	51.79	48.832736	-86.930802	56132.08	56251	-0.97	56131.12	56126.66797	56123.64629	56115.34375	505078.2	5408864.4
L5080.0	505078.2	5408862.9	4880.39990	273.01	51.79	48.832723	-86.930802	56131.14	56251	-0.96	56130.18	56126.09375	56122.81383	56114.57422	505078.2	5408862.9
L5080.0	505078.2	5408861.6	4880.50000	274.21	54.23	48.832710	-86.930802	56130.24	56251	-0.96	56129.28	56125.56250	56121.98168	56113.80859	505078.2	5408861.6
L5080.0	505078.2	5408859.9	4880.60010	273.60	54.23	48.832695	-86.930802	56129.29	56251	-0.96	56128.33	56124.98828	56121.13493	56113.02734	505078.2	5408859.9
L5080.0	505078.2	5408859.9	4880.70020	274.72	56.17	48.832695	-86.930802	56128.34	56251	-0.96	56127.38	56124.41406	56120.28188	56112.23828	505078.2	5408859.9
L5080.0	505078.2	5408858.5	4880.79981	274.46	51.46	48.832683	-86.930802	56127.43	56251	-0.95	56126.48	56123.89453	56119.43092	56111.45313	505078.2	5408858.5
L5080.0	505078.2	5408857.2	4880.89990	274.07	51.46	48.832671	-86.930802	56126.44	56251	-0.95	56125.49	56123.29297	56118.55912	56110.64453	505078.2	5408857.2
L5080.0	505078.2	5408856.1	4881.00000	275.30	53	48.832661	-86.930802	56125.56	56250.9	-0.95	56124.61	56122.80078	56117.69963	56109.84766	505078.2	5408856.1
L5080.0	505078.2	5408854.7	4881.10010	274.81	47.58	48.832649	-86.930802	56124.52	56251	-0.95	56123.56	56122.14453	56116.80557	56109.01953	505078.2	5408854.7
L5080.0	505078.2	5408854.7	4881.20020	275.31	47.58	48.832649	-86.930802	56123.58	56251	-0.95	56122.63	56121.60938	56115.92483	56108.19922	505078.2	5408854.7
L5080.0	505078.2	5408853.2	4881.29981	275.41	51.9	48.832635	-86.930802	56122.59	56251	-0.96	56121.64	56121.01953	56115.02741	56107.36719	505078.2	5408853.2
L5080.0	505078.2	5408851.9	4881.39990	275.06	51.9	48.832623	-86.930802	56121.66	56251	-0.96	56120.70	56120.48438	56114.13173	56106.53125	505078.2	5408851.9
L5080.0	505078.2	5408850.5	4881.50000	275.03	54.36	48.832611	-86.930802	56120.60	56251	-0.96	56119.64	56119.83203	56113.20843	56105.67188	505078.2	5408850.5
L5080.0	505078.2	5408850.5	4881.60010	276.87	53.37	48.832611	-86.930802	56119.58	56251	-0.96	56118.62	56119.22266	56112.28475	56104.80859	505078.2	5408850.5
L5080.0	505078.2	5408847.4	4881.70020	275.58	53.37	48.832583	-86.930802	56118.55	56251	-0.96	56117.59	56118.60547	56111.35226	56103.93750	505078.2	5408847.4
L5080.0	505078.2	5408847.4	4881.79981	274.87	53.37	48.832583	-86.930802	56117.48	56251	-0.97	56116.51	56117.94141	56110.40396	56103.05078	505078.2	5408847.4
L5080.0	505078.2	5408846.0	4881.89990	276.14	53.11	48.832571	-86.930802	56116.44	56251	-0.97	56115.47	56117.32031	56109.45541	56102.16016	505078.2	5408846.0
L5080.0	505078.2	5408846.0	4882.00000	274.33	51.56	48.832571	-86.930802	56115.39	56251	-0.97	56114.42	56116.69141	56108.49774	56101.26563	505078.2	5408846.0
L5080.0	505078.2	5408844.8	4882.10010	273.50	51.56	48.832559	-86.930802	56114.30	56251	-0.97	56113.33	56116.02734	56107.52485	56100.35156	505078.2	5408844.8
L5080.0	505078.2	5408843.3	4882.20020	271.89	50.4	48.832546	-86.930802	56113.13	56251	-0.96	56112.17	56115.29297	56106.53035	56099.41406	505078.2	5408843.3
L5080.0	505078.2	5408841.9	4882.29981	274.15	49.77	48.832533	-86.930802	56112.05	56251	-0.96	56111.09	56114.64453	56105.54078	56098.48438	505078.2	5408841.9
L5080.0	505078.2	5408840.4	4882.39990	274.02	49.77	48.832520	-86.930802	56110.88	56251	-0.96	56109.92	56113.90625	56104.52354	56097.52344	505078.2	5408840.4
L5080.0	505078.2	5408840.4	4882.50000	276.09	40.48	48.832520	-86.930802	56109.70	56251	-0.96	56108.74	56113.16016	56103.49239	56096.54688	505078.2	5408840.4
L5080.0	505078.3	5408839.0	4882.60010	276.75	45.4	48.832508	-86.930802	56108.50	56251	-0.95	56107.55	56112.40625	56102.44622	56095.55859	505078.3	5408839.0
L5080.0	505078.3	5408837.4	4882.70020	276.08	45.4	48.832493	-86.930802	56107.26	56250.9	-0.95	56106.31	56111.60547	56101.37695	56094.54297	505078.3	5408837.4
L5080.0	505078.3	5408837.4	4882.79981	274.67	45.4	48.832493	-86.930802	56105.98	56250.9	-0.95	56105.03	56110.76172	56100.28686	56093.50781	505078.3	5408837.4
L5080.0	505078.3	5408835.6	4882.89990	273.03	42.57	48.832477	-86.930802	56104.69	56250.9	-0.94	56103.75	56109.92578	56099.18348	56092.45703	505078.3	5408835.6
L5080.0	505078.3	5408834.3	4883.00000	274.76	40.68	48.832465	-86.930802	56103.36	56250.9	-0.94	56102.42	56109.03516	56098.05859	56091.38672	505078.3	5408834.3
L5080.0	505078.3	5408834.3	4883.10010	275.37	40.68	48.832465	-86.930802	56102.04	56250.9	-0.94	56101.10	56108.16016	56096.92481	56090.30469	505078.3	5408834.3

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5080.0	505078.3	5408831.3	4883.20020	275.32	42.6	48.832438	-86.930802	56100.64	56250.9	-0.94	56099.70	56107.20703	56095.76701	56089.19922	505078.3	5408831.3
L5080.0	505078.3	5408831.3	4883.29981	275.94	44.25	48.832438	-86.930802	56099.20	56250.9	-0.94	56098.27	56106.22266	56094.59591	56088.07813	505078.3	5408831.3
L5080.0	505078.3	5408829.5	4883.39990	276.91	44.25	48.832422	-86.930802	56097.68	56250.9	-0.94	56096.74	56105.14063	56093.40035	56086.93359	505078.3	5408829.5
L5080.0	505078.2	5408828.0	4883.50000	276.82	44.25	48.832409	-86.930802	56096.22	56250.9	-0.93	56095.28	56104.12500	56092.21093	56085.79297	505078.2	5408828.0
L5080.0	505078.2	5408828.0	4883.60010	277.09	44.94	48.832409	-86.930802	56094.72	56250.9	-0.93	56093.78	56103.07422	56091.00866	56084.63672	505078.2	5408828.0
L5080.0	505078.2	5408826.8	4883.70020	275.14	44.94	48.832397	-86.930802	56093.07	56250.9	-0.93	56092.14	56101.88281	56089.77734	56083.45313	505078.2	5408826.8
L5080.0	505078.2	5408825.4	4883.79981	274.88	41.74	48.832385	-86.930803	56091.46	56250.9	-0.93	56090.53	56100.72266	56088.54576	56082.26563	505078.2	5408825.4
L5080.0	505078.2	5408825.4	4883.89990	275.50	41.74	48.832385	-86.930803	56089.74	56250.9	-0.93	56088.81	56099.44922	56087.29072	56081.05469	505078.2	5408825.4
L5080.0	505078.2	5408823.6	4884.00000	273.39	42.65	48.832369	-86.930803	56088.06	56250.9	-0.93	56087.13	56098.21875	56086.03625	56079.84375	505078.2	5408823.6
L5080.0	505078.2	5408822.2	4884.10010	272.92	44.05	48.832356	-86.930803	56086.30	56250.9	-0.93	56085.36	56096.89453	56084.76063	56078.61328	505078.2	5408822.2
L5080.0	505078.2	5408820.6	4884.20020	270.53	44.05	48.832342	-86.930803	56084.47	56250.9	-0.94	56083.54	56095.52344	56083.46932	56077.36328	505078.2	5408820.6
L5080.0	505078.2	5408819.2	4884.29981	272.08	42.2	48.832330	-86.930803	56082.58	56250.9	-0.94	56081.64	56094.07031	56082.15610	56076.08984	505078.2	5408819.2
L5080.0	505078.2	5408819.2	4884.39990	271.71	43.79	48.832330	-86.930803	56080.71	56250.9	-0.94	56079.76	56092.63672	56080.83551	56074.80859	505078.2	5408819.2
L5080.0	505078.2	5408817.4	4884.50000	273.07	43.79	48.832313	-86.930803	56078.75	56250.9	-0.94	56077.81	56091.13281	56079.49139	56073.50391	505078.2	5408817.4
L5080.0	505078.2	5408817.4	4884.60010	274.02	42.48	48.832313	-86.930803	56076.74	56250.9	-0.95	56075.79	56089.55469	56078.12146	56072.16797	505078.2	5408817.4
L5080.0	505078.2	5408816.1	4884.70020	274.89	42.48	48.832301	-86.930803	56074.64	56251	-0.95	56073.69	56087.89844	56076.72175	56070.80469	505078.2	5408816.1
L5080.0	505078.2	5408814.4	4884.79981	274.73	45.45	48.832286	-86.930803	56072.56	56251	-0.95	56071.61	56086.25781	56075.30784	56069.42578	505078.2	5408814.4
L5080.0	505078.2	5408812.9	4884.89990	275.79	45.45	48.832273	-86.930804	56070.34	56251	-0.96	56069.38	56084.46875	56073.84750	56068.00000	505078.2	5408812.9
L5080.0	505078.2	5408811.5	4885.00000	276.37	46.12	48.832260	-86.930804	56068.09	56251	-0.96	56067.13	56082.65625	56072.36226	56066.54688	505078.2	5408811.5
L5080.0	505078.2	5408811.5	4885.10010	275.89	40.2	48.832260	-86.930804	56065.81	56251	-0.96	56064.85	56080.80859	56070.84964	56065.06250	505078.2	5408811.5
L5080.0	505078.1	5408810.1	4885.20020	275.58	40.2	48.832247	-86.930804	56063.46	56251	-0.96	56062.50	56078.89063	56069.30163	56063.54688	505078.1	5408810.1
L5080.0	505078.1	5408808.7	4885.29981	275.15	45.37	48.832235	-86.930804	56061.05	56251	-0.95	56060.09	56076.91406	56067.72132	56061.99219	505078.1	5408808.7
L5080.0	505078.1	5408807.2	4885.39990	277.96	45.37	48.832221	-86.930804	56058.63	56251	-0.95	56057.68	56074.92969	56066.12437	56060.42188	505078.1	5408807.2
L5080.0	505078.1	5408805.7	4885.50000	277.77	43.01	48.832208	-86.930804	56056.07	56251	-0.95	56055.12	56072.79688	56064.48187	56058.80469	505078.1	5408805.7
L5080.0	505078.1	5408805.7	4885.60010	277.31	43.01	48.832208	-86.930804	56053.52	56250.9	-0.95	56052.57	56070.66797	56062.83497	56057.18359	505078.1	5408805.7
L5080.0	505078.1	5408804.2	4885.70020	277.04	46.09	48.832194	-86.930804	56050.91	56250.9	-0.95	56049.96	56068.47656	56061.17424	56055.54297	505078.1	5408804.2
L5080.0	505078.1	5408804.2	4885.79981	277.69	42.55	48.832194	-86.930804	56048.21	56250.9	-0.94	56047.26	56066.19141	56059.49818	56053.88672	505078.1	5408804.2
L5080.0	505078.1	5408802.5	4885.89990	279.06	42.55	48.832179	-86.930804	56045.47	56250.9	-0.94	56044.53	56063.87109	56057.82973	56052.23828	505078.1	5408802.5
L5080.0	505078.1	5408801.1	4886.00000	278.19	42.67	48.832167	-86.930804	56042.74	56250.9	-0.94	56041.80	56061.55078	56056.18294	56050.60938	505078.1	5408801.1
L5080.0	505078.1	5408799.5	4886.10010	277.25	41.41	48.832152	-86.930804	56039.86	56250.9	-0.94	56038.92	56059.07422	56054.52801	56048.97266	505078.1	5408799.5
L5080.0	505078.1	5408798.3	4886.20020	277.89	41.41	48.832141	-86.930804	56037.00	56250.9	-0.93	56036.06	56056.61328	56052.91124	56047.37109	505078.1	5408798.3
L5080.0	505078.1	5408797.0	4886.29981	277.52	40.84	48.832129	-86.930804	56034.04	56250.9	-0.93	56033.11	56054.05859	56051.31048	56045.78125	505078.1	5408797.0
L5080.0	505078.1	5408797.0	4886.39990	276.04	42.56	48.832129	-86.930804	56031.11	56250.9	-0.93	56030.18	56051.51953	56049.75527	56044.23828	505078.1	5408797.0
L5080.0	505078.1	5408795.1	4886.50000	275.37	42.56	48.832113	-86.930805	56028.12	56250.9	-0.93	56027.20	56048.92578	56048.23269	56042.72656	505078.1	5408795.1
L5080.0	505078.1	5408793.7	4886.60010	274.68	46.22	48.832100	-86.930805	56025.03	56250.9	-0.92	56024.11	56046.21875	56046.73216	56041.23438	505078.1	5408793.7
L5080.0	505078.1	5408793.7	4886.70020	273.56	46.22	48.832100	-86.930805	56021.95	56250.9	-0.92	56021.03	56043.51563	56045.27895	56039.78906	505078.1	5408793.7
L5080.0	505078.1	5408792.3	4886.79981	275.40	46.05	48.832088	-86.930805	56018.86	56250.9	-0.92	56017.94	56040.79688	56043.86468	56038.37891	505078.1	5408792.3
L5080.0	505078.1	5408791.0	4886.89990	275.58	46.05	48.832075	-86.930805	56015.68	56250.9	-0.91	56014.76	56037.98438	56042.46851	56036.98828	505078.1	5408791.0
L5080.0	505078.1	5408789.4	4887.00000	275.69	43.52	48.832061	-86.930805	56012.51	56250.9	-0.91	56011.60	56035.18359	56041.10605	56035.62500	505078.1	5408789.4
L5080.0	505078.1	5408788.0	4887.10010	275.07	43.52	48.832049	-86.930805	56009.35	56250.9	-0.91	56008.44	56032.37891	56039.76588	56034.28516	505078.1	5408788.0
L5080.0	505078.1	5408786.6	4887.20020	275.34	43.36	48.832036	-86.930805	56006.06	56250.9	-0.92	56005.14	56029.42578	56038.41422	56032.93359	505078.1	5408786.6
L5080.0	505078.1	5408786.6	4887.29981	274.64	43.36	48.832036	-86.930805	56002.88	56250.9	-0.92	56001.96	56026.58984	56037.08549	56031.60156	505078.1	5408786.6
L5080.0	505078.1	5408785.0	4887.39990	274.59	40.04	48.832021	-86.930805	55999.58	56250.9	-0.92	55998.66	56023.62500	56035.73159	56030.24219	505078.1	5408785.0
L5080.0	505078.1	5408783.6	4887.50000	275.67	39.75	48.832009	-86.930805	55996.38	56250.9	-0.93	55995.45	56020.74609	56034.38270	56028.89063	505078.1	5408783.6
L5080.0	505078.1	5408783.6	4887.60010	273.89	40.41	48.832009	-86.930805	55993.14	56250.9	-0.93	55992.21	56017.83203	56033.00753	56027.50391	505078.1	5408783.6
L5080.0	505078.1	5408782.2	4887.70020	273.70	40.41	48.831997	-86.930805	55989.92	56250.9	-0.93	55988.99	56014.92969	56031.61128	56026.09766	505078.1	5408782.2
L5080.0	505078.1	5408781.0	4887.79981	272.47	42.3	48.831986	-86.930805	55986.66	56250.9	-0.93	55985.73	56011.98047	56030.18274	56024.66016	505078.1	5408781.0
L5080.0	505078.1	5408779.6	4887.89990	272.40	42.3	48.831973	-86.930805	55983.47	56250.9	-0.94	55982.54	56009.09375	56028.73760	56023.20313	505078.1	5408779.6
L5080.0	505078.1	5408778.2	4888.00000	271.82	39.83	48.831961	-86.930805	55980.36	56250.9	-0.94	55979.42	56006.26953	56027.27482	56021.72266	505078.1	5408778.2
L5080.0	505078.1	5408777.1	4888.10010	272.99	41.96	48.831950	-86.930805	55977.18	56250.9	-0.94	55976.24	56003.37891	56025.77343	56020.20703	505078.1	5408777.1
L5080.0	505078.1	5408775.8	4888.20020	274.17	43.36	48.831939	-86.930805	55974.12	56250.9	-0.94	55973.18	56000.59766	56024.26312	56018.67578	505078.1	5408775.8
L5080.0	505078.1	5408774.5	4888.29981	274.36	41.05	48.831927	-86.930805	55971.11	56250.9	-0.94	55970.17	55997.86328	56022.73445	56017.12891	505078.1	5408774.5
L5080.0	505078.1	5408774.5	4888.39990	273.53	41.05	48.831927	-86.930805	55968.14	56250.9	-0.94	55967.21	55995.17188	56021.19030	56015.56250	505078.1	5408774.5
L5080.0	505078.1	5408772.6	4888.50000	274.29	39.86	48.831910	-86.930805	55965.29	56250.9	-0.93	55964.35	55992.57031	56019.64348	56013.99219	505078.1	5408772.6
L5080.0	505078.1	5408771.1	4888.60010	276.12	40.87	48.831897	-86.930805	55962.63	56250.9	-0.93	55961.70	55990.17188	56018.11918	56012.44141	505078.1	5408771.1
L5080.0	505078.1	5408769.9	4888.70020	276.40	40.87	48.831886	-86.930805	55960.18	56250.9	-0.93	55959.25	55987.96484	56016.62336	56010.91797	505078.1	5408769.9
L5080.0	505078.1	5408769.9	4888.79981	276.41	38.68	48.831886	-86.930805	55957.88	56250.9	-0.93	55956.94	55985.88672	56015.15596	56009.42188	505078.1	5408769.9
L5080.0	505078.1	5408768.5	4888.89990	277.66	38.68	48.831874	-86.930805	55955.57	56250.9	-0.93	55954.64	55983.81641	56013.70380	56007.94141	505078.1	5408768.5
L5080.0	505078.1	5408767.2	4889.00000	276.86	39.51	48.831861	-86.930805	55953.42	56250.9	-0.93	55952.49	55981.88281	56012.30724	56006.51172	505078.1	5408767.2
L5080.0	505078.1	5408765.8	4889.10010	276.28	38.44	48.831849	-86.930805	55951.30	56250.9	-0.93	55950.36	55979.96094	56010.95639	56005.12500	505078.1	5408765.8
L5080.0	505078.1	5408764.4	4889.20020	275.43	38.4	48.831836	-86.930805	55949.27	56250.9	-0.93	55948.34	55978.14453	56009.68479	56003.82031	505078.1	5408764.4
L5080.0	505078.1	5408763.2	4889.29981	274.38	40.25	48.831825	-86.930805	55947.33	56250.9	-0.94	55946.39	55976.38672	56008.49605	56002.59375	505078.1	5408763.2
L5080.0	505078.1	5408763.2	4889.39990	275.34	40.25	48.831825	-86.930805	55945.66	56250.9	-0.94	55944.72	55974.89844	56007.44540	56001.50391	505078.1	5408763.2
L5080.0	505078.1	5408761.6	4889.50000	274.86	40.7	48.831811	-86.930806	55944.27	56250.9	-0.94	55943.33	55973.68359	56006.54081	56000.55859	505078.1	5408761.6
L5080.0	505078.1	5408760.1	4889.60010	274.43	40.7	48.831797	-86.930806	55943.11	56250.9	-0.94	55942.16	55972.67969	56005.77255	55999.74609	505078.1	5408760.1
L5080.0	505078.0	5408759.0	4889.70020	276.92	42.09	48.831787	-86.930806	55942.12	56250.9	-0.94	55941.18	55971.85938	56005.12633	55999.05859	505078.0	5408759.0
L5080.0	505078.0	5408759.0	4889.79981	276.44	36.8	48.831787	-86.930806	55941.13	56250.9	-0.95	55940.18	55971.00781	56004.54901	55998.43359	505078.0	5408759.0
L5080.0	505078.0	5408757.6	4889.89990	276.39	36.8	48.831775	-86.930806	55940.32	56250.9	-0.95	55939.37	55970.33594	56004.08009	55997.91797	505078.0	5408757.6
L5080.0	505078.0	5408756.0	4890.00000	274.71	45.45	48.831760	-86.930806	55939.56	56250.9	-0.95	55938.61	55969.70313	56003.68489	55997.47266	505078.0	5408756.0
L5080.0	505078.0	5408754.4	4890.10010	276.18	45.45	48.831747	-86.930806	55938.88	56251	-0.95	55937.93	55969.14453	56003.36021	55997.09766	505078.0	5408754.4
L5080.0	505078.0	5408754.4	4890.20020	276.19	45.07	48.831747	-86.930806	55938.09	56251	-0.95	55937.14	55968.46484	56003.05686	55996.74219	505078.0	5408754.4
L5080.0	505078.0	5408753.2	4890.29981	275.86	45.07	48.831735	-86.930806	55937.52	56251	-0.95	55936.56	55967.98828	56002.83203	55996.46484	505078.0	5408753.2
L5080.0	505078.0	5408752.0	4890.39990	275.32	47.08	48.831724	-86.930807	55937.01	56251	-0.95	55936.05	55967.57031	56002.64854	55996.22656	505078.0	5408752.0
L5080.0	505078.0	5408750.8	4890.50000	274.29	47.08	48.831713	-86.930807	55936.83	56251	-0.96	55935.87	55967.47266	56002.55392	55996.07422	505078.0	5408750.8
L5080.0	505078.0	5408749.6	4890.60010	274.36	46.34	48.831703	-86.930807	55936.78	56251	-0.96	55935.82	55967.49609	56002.50573	55995.96875	505078.0	5408749.6
L5080.0	505078.0	5408749.6	4890.70020	274.61	46.34	48.831703	-86.930807	55936.86	56251	-0.96	55935.90	55967.64063	56002.49700	55995.90234	505078.0	5408749.6
L5080.0	505078.0	5408748.2	4890.79981	276.15	48.12	48.831690	-86.930807	55936.90	56251	-0.96	55935.94	55967.73438	56002.48967	55995.83203	505078.0	5408748.2
L5080.0	505078.0	5408746.8	4890.89990	275.85	48.41	48.831678	-86.930807	55937.14	56251	-0.96	55936.18	55968.01953	56002.52430	55995.80469	505078.0	5408746.8
L5080.0	505078.0	5408746.8	4891.00000	275.58	48.19	48.831678	-86.930807	55937.41	56251	-0.96	55936.45	55968.32813	56002.56316	55995.78125	505078.0	5408746.8
L5080.0	505078.0	5408745.6	4891.10010	272.99	48.19	48.831667	-86.930807	55937.92	56251	-0.96	55936.96	55968.86328	56002.64486	55995.79688	505078.0	5408745.6
L5080.0	505078.0	5408744.6	4891.20020	273.78	47.96	48.831658	-86.930807	55938.57	56251	-0.96	55937.61	55969.52734	56002.75155	55995.83594	505078.0	5408744.6
L5080.0	505078.0	5408743.6	4891.29981	273.59	48.14	48.831649	-86.930807	55939.38	56251	-0.97	55938.42	55970.34766	56002.88793	55995.90625	505078.0	5408743.6
L5080.0	505078.0	5408742.2	4891.39990	273.17	48.14	48.831637	-86.930807	55940.27	56251	-0.97	55939.30	55971.22266	56003.04118	55995.99219	505078.0	5408742.2
L5080.0	505078.0	5408741.2	4891.50000	274.33	47.23	48.831628	-86.930807	55941.26	56251	-0.97	55940.29	55972.20313	56003.22084	55996.10156	505078.0	5408741.2
L5080.0	505078.0	5408741.2	4891.60010	274.00	48.13	48.831628	-86.930807	55942.32	56251	-0.97	55941.35	55973.24219	56003.42436	55996.23438	505078.0	5408741.2
L5080.0	505078.0	5408738.9	4891.70020	275.65	49.98	48.831607	-86.930808	55943.48	56251	-0.97	55942.51	55974.37109	56003.66274	55996.39844	505078.0	5408738.9
L5080.0	505078.0	5408738.9	4891.79981	275.91	49.98	48.831607	-86.930808	55944.75	56251	-0.98	55943.77	55975.58984	56003.94318	55996.60547	505078.0	5408738.9
L5080.0	505078.0	5408737.3	4891.89990	276.09	50.31	48.831592	-86.930808	55946.04	56251	-0.98	55945.06	55976.83203	56004.25802	55996.84766	505078.0	5408737.3
L5080.0	505078.0	5408736.0	4892.00000	274.49	55.02	48.831581	-86.930808	55947.40	56251	-0.98	55946.42	55978.13281	56004.62082	55997.13281	505078.0	5408736.0
L5080.0	505078.0	5408736.0	4892.10010	275.38	55.02	48.831581	-86.930808	55948.87	56251	-0.98	55947.89	55979.53516	56005.04552	55997.48047	505078.0	5408736.0
L5080.0	505078.0	5408734.5	4892.20020	276.34	55.02	48.831567	-86.930808	55950.44	56251	-0.99	55949.45	55981.01953	56005.53279	55997.89063	505078.0	5408734.5
L5080.0	505078.0	5408733.3	4892.29981	276.70	55.13	48.831557	-86.930807	55952.06	56251	-0.99	55951.07	55982.55078	56006.07869	55998.35938	505078.0	5408733.3
L5080.0	505078.0	5408732.0	4892.39990	276.75	56.35	48.831545	-86.930807	55953.78	56251	-0.99	55952.78	55984.16797	56006.69138	55998.89063	505078.0	5408732.0

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5080.0	505078.0	5408731.1	4892.50000	278.05	56.7	48.831537	-86.930807	55955.55	56251	-1.00	55954.55	55985.83203	56007.36352	55999.48438	505078.0	5408731.1
L5080.0	505078.0	5408729.7	4892.60010	277.76	56.7	48.831524	-86.930807	55957.39	56251	-1.00	55956.40	55987.57031	56008.09618	56000.13672	505078.0	5408729.7
L5080.0	505078.0	5408729.7	4892.70020	276.87	58.43	48.831524	-86.930807	55959.27	56251	-1.00	55958.26	55989.30859	56008.87027	56000.82813	505078.0	5408729.7
L5080.0	505078.0	5408728.4	4892.79981	276.94	59.44	48.831513	-86.930807	55961.14	56251	-1.00	55960.14	55991.05859	56009.68575	56001.56250	505078.0	5408728.4
L5080.0	505078.0	5408726.8	4892.89990	275.26	59.44	48.831498	-86.930807	55963.11	56251	-1.01	55962.11	55992.89063	56010.55850	56002.35156	505078.0	5408726.8
L5080.0	505078.0	5408725.7	4893.00000	272.77	60.21	48.831488	-86.930807	55965.06	56251	-1.01	55964.05	55994.68359	56011.46297	56003.17188	505078.0	5408725.7
L5080.0	505078.0	5408724.6	4893.10010	272.91	59.64	48.831478	-86.930807	55967.06	56251	-1.01	55966.05	55996.52734	56012.41488	56004.03906	505078.0	5408724.6
L5080.0	505078.0	5408724.6	4893.20020	276.71	59.64	48.831478	-86.930807	55969.11	56251	-1.01	55968.10	55998.41406	56013.40863	56004.94922	505078.0	5408724.6
L5080.0	505078.0	5408723.2	4893.29981	276.02	59	48.831466	-86.930808	55971.23	56251	-1.01	55970.22	56000.35938	56014.44599	56005.89844	505078.0	5408723.2
L5080.0	505078.0	5408722.1	4893.39990	275.39	58.5	48.831456	-86.930808	55973.33	56251	-1.01	55972.33	56002.29297	56015.50713	56006.87500	505078.0	5408722.1
L5080.0	505077.9	5408720.9	4893.50000	275.07	58.6	48.831445	-86.930808	55975.50	56251	-1.01	55974.50	56004.27344	56016.60203	56007.88281	505077.9	5408720.9
L5080.0	505077.9	5408719.8	4893.60010	276.29	58.67	48.831435	-86.930808	55977.61	56251	-1.00	55976.60	56006.17578	56017.70173	56008.89844	505077.9	5408719.8
L5080.0	505077.9	5408719.8	4893.70020	275.30	58.67	48.831435	-86.930808	55979.83	56251	-1.00	55978.83	56008.20313	56018.84200	56009.94922	505077.9	5408719.8
L5080.0	505077.9	5408718.6	4893.79981	272.37	61.79	48.831424	-86.930808	55982.06	56251	-1.00	55981.06	56010.22266	56019.99396	56011.01563	505077.9	5408718.6
L5080.0	505077.9	5408717.3	4893.89990	273.93	63.55	48.831412	-86.930809	55984.26	56251	-1.00	55983.26	56012.20313	56021.14878	56012.08203	505077.9	5408717.3
L5080.0	505077.9	5408716.0	4894.00000	273.41	63.55	48.831401	-86.930809	55986.41	56251	-1.00	55985.41	56014.12891	56022.29714	56013.14453	505077.9	5408716.0
L5080.0	505077.8	5408714.8	4894.10010	275.28	62.06	48.831390	-86.930809	55988.66	56251	-1.00	55987.66	56016.14453	56023.46379	56014.22266	505077.8	5408714.8
L5080.0	505077.8	5408714.8	4894.20020	275.11	59.71	48.831390	-86.930809	55990.86	56251	-1.00	55989.85	56018.09766	56024.61512	56015.28516	505077.8	5408714.8
L5080.0	505077.8	5408713.2	4894.29981	277.25	62.35	48.831376	-86.930809	55993.06	56251	-1.01	55992.05	56020.05078	56025.76214	56016.34766	505077.8	5408713.2
L5080.0	505077.8	5408712.0	4894.39990	276.86	66.26	48.831365	-86.930810	55995.26	56251	-1.01	55994.25	56021.99609	56026.90315	56017.39844	505077.8	5408712.0
L5080.0	505077.8	5408710.5	4894.50000	276.06	66.26	48.831351	-86.930810	55997.48	56251	-1.01	55996.47	56023.95703	56028.04130	56018.44922	505077.8	5408710.5
L5080.0	505077.8	5408710.5	4894.60010	275.99	66.64	48.831351	-86.930810	55999.66	56251	-1.01	55998.65	56025.87109	56029.16740	56019.48828	505077.8	5408710.5
L5080.0	505077.8	5408708.6	4894.70020	275.17	64.14	48.831334	-86.930810	56001.94	56251	-1.01	56000.92	56027.87109	56030.30846	56020.54297	505077.8	5408708.6
L5080.0	505077.8	5408708.6	4894.79981	274.86	63.09	48.831334	-86.930810	56004.12	56251	-1.02	56003.10	56029.77344	56031.43472	56021.58203	505077.8	5408708.6
L5080.0	505077.8	5408706.2	4894.89990	273.76	62.94	48.831313	-86.930810	56006.32	56251	-1.02	56005.30	56031.68750	56032.56945	56022.62891	505077.8	5408706.2
L5080.0	505077.8	5408706.2	4895.00000	274.23	63.1	48.831313	-86.930810	56008.46	56251	-1.02	56007.44	56033.53906	56033.69951	56023.67578	505077.8	5408706.2
L5080.0	505077.8	5408704.7	4895.10010	274.37	63.1	48.831299	-86.930810	56010.64	56251	-1.02	56009.62	56035.42578	56034.84209	56024.73047	505077.8	5408704.7
L5080.0	505077.8	5408703.6	4895.20020	274.01	64.24	48.831289	-86.930810	56012.79	56251	-1.02	56011.77	56037.27344	56035.98163	56025.78516	505077.8	5408703.6
L5080.0	505077.8	5408702.2	4895.29981	273.66	61.2	48.831277	-86.930810	56014.86	56251	-1.02	56013.84	56039.03906	56037.10876	56026.82813	505077.8	5408702.2
L5080.0	505077.8	5408700.9	4895.39990	275.04	59.84	48.831265	-86.930810	56016.98	56251	-1.02	56015.96	56040.84766	56038.24153	56027.87500	505077.8	5408700.9
L5080.0	505077.8	5408699.6	4895.50000	276.33	64.38	48.831253	-86.930810	56019.02	56251	-1.02	56018.00	56042.57422	56039.35366	56028.90234	505077.8	5408699.6
L5080.0	505077.8	5408698.7	4895.60010	274.98	64.33	48.831245	-86.930810	56021.01	56251	-1.02	56019.99	56044.24609	56040.44555	56029.91406	505077.8	5408698.7
L5080.0	505077.8	5408698.7	4895.70020	274.72	63.21	48.831245	-86.930810	56023.04	56251	-1.02	56022.02	56045.95313	56041.52850	56030.91406	505077.8	5408698.7
L5080.0	505077.8	5408696.5	4895.79981	275.71	65.59	48.831225	-86.930810	56024.98	56251	-1.02	56023.96	56047.56250	56042.57783	56031.87891	505077.8	5408696.5
L5080.0	505077.8	5408695.3	4895.89990	276.13	65.59	48.831215	-86.930810	56026.90	56251	-1.02	56025.88	56049.15234	56043.60619	56032.82813	505077.8	5408695.3
L5080.0	505077.8	5408695.3	4896.00000	276.79	67.35	48.831215	-86.930810	56028.86	56251	-1.02	56027.84	56050.77734	56044.62465	56033.76563	505077.8	5408695.3
L5080.0	505077.8	5408693.8	4896.10010	277.47	65.47	48.831202	-86.930810	56030.75	56251	-1.02	56029.73	56052.32813	56045.61719	56034.67969	505077.8	5408693.8
L5080.0	505077.8	5408692.7	4896.20020	278.06	65.47	48.831192	-86.930810	56032.65	56251	-1.02	56031.63	56053.88672	56046.60333	56035.58594	505077.8	5408692.7
L5080.0	505077.8	5408691.6	4896.29981	277.90	66.68	48.831182	-86.930810	56034.49	56251	-1.02	56033.47	56055.37891	56047.57329	56036.47656	505077.8	5408691.6
L5080.0	505077.8	5408691.6	4896.39990	275.09	69.5	48.831182	-86.930810	56036.29	56251	-1.02	56035.27	56056.83203	56048.53445	56037.36328	505077.8	5408691.6
L5080.0	505077.8	5408689.8	4896.50000	273.24	67.81	48.831165	-86.930810	56038.14	56251	-1.01	56037.13	56058.33984	56049.51168	56038.26563	505077.8	5408689.8
L5080.0	505077.8	5408688.6	4896.60010	274.11	67.81	48.831154	-86.930810	56039.86	56251	-1.01	56038.84	56059.69922	56050.46129	56039.14063	505077.8	5408688.6
L5080.0	505077.8	5408687.2	4896.70020	273.81	60.96	48.831142	-86.930810	56041.63	56251	-1.01	56040.61	56061.11328	56051.43312	56040.03906	505077.8	5408687.2
L5080.0	505077.8	5408685.7	4896.79981	275.59	55.18	48.831128	-86.930810	56043.38	56251	-1.01	56042.36	56062.50391	56052.41229	56040.94531	505077.8	5408685.7
L5080.0	505077.8	5408685.7	4896.89990	275.43	56	48.831128	-86.930810	56045.09	56251	-1.01	56044.08	56063.86328	56053.39821	56041.85938	505077.8	5408685.7
L5080.0	505077.9	5408683.5	4897.00000	275.60	56	48.831108	-86.930809	56046.69	56251	-1.01	56045.68	56065.10156	56054.36689	56042.75781	505077.9	5408683.5
L5080.0	505077.9	5408683.5	4897.10010	276.67	55.88	48.831108	-86.930809	56048.36	56251	-1.01	56047.34	56066.39844	56053.87424	56042.19531	505077.9	5408683.5
L5080.0	505077.9	5408682.1	4897.20020	278.83	54.15	48.831096	-86.930809	56049.94	56251	-1.02	56048.92	56067.61328	56054.85273	56043.10547	505077.9	5408682.1
L5080.0	505077.9	5408680.8	4897.29981	280.77	55.67	48.831084	-86.930809	56051.52	56251	-1.02	56050.50	56068.82422	56055.83483	56044.02344	505077.9	5408680.8
L5080.0	505077.9	5408679.7	4897.39990	280.63	55.67	48.831074	-86.930809	56053.04	56251	-1.02	56052.02	56069.98047	56056.82628	56044.94922	505077.9	5408679.7
L5080.0	505077.9	5408678.4	4897.50000	280.71	56.55	48.831062	-86.930809	56054.58	56251	-1.03	56053.55	56071.14063	56057.81814	56045.87891	505077.9	5408678.4
L5080.0	505077.9	5408677.2	4897.60010	280.71	57.37	48.831052	-86.930809	56056.02	56251	-1.03	56054.99	56072.21094	56058.81839	56046.81641	505077.9	5408677.2
L5080.0	505077.9	5408676.1	4897.70020	282.04	57.37	48.831042	-86.930809	56057.51	56251	-1.03	56056.48	56073.33203	56059.81341	56047.75000	505077.9	5408676.1
L5080.0	505077.9	5408676.1	4897.79981	280.47	64.87	48.831042	-86.930809	56058.90	56251	-1.03	56057.87	56074.35156	56060.81348	56048.69141	505077.9	5408676.1
L5080.0	505077.9	5408673.9	4897.89990	279.73	66.83	48.831022	-86.930809	56060.29	56251	-1.04	56059.25	56075.36328	56061.80973	56049.62891	505077.9	5408673.9
L5080.0	505077.9	5408673.9	4898.00000	279.81	66.83	48.831022	-86.930809	56061.69	56251	-1.04	56060.65	56076.39453	56062.79841	56050.56250	505077.9	5408673.9
L5080.0	505077.9	5408672.3	4898.10010	279.72	61	48.831008	-86.930809	56062.97	56251	-1.04	56061.93	56077.30469	56063.78651	56051.49609	505077.9	5408672.3
L5080.0	505077.9	5408671.2	4898.20020	278.95	60.38	48.830998	-86.930809	56064.32	56251	-1.04	56063.28	56078.28516	56064.75936	56052.41406	505077.9	5408671.2
L5080.0	505077.9	5408670.3	4898.29981	278.48	60.62	48.830990	-86.930809	56065.63	56251	-1.04	56064.59	56079.22656	56065.72218	56053.32422	505077.9	5408670.3
L5080.0	505077.9	5408668.8	4898.39990	278.24	60.6	48.830976	-86.930809	56066.85	56251	-1.04	56065.81	56080.08203	56066.67701	56054.23047	505077.9	5408668.8
L5080.0	505077.9	5408667.3	4898.50000	278.45	60.6	48.830962	-86.930809	56068.14	56251	-1.04	56067.10	56081.00391	56067.61030	56055.11328	505077.9	5408667.3
L5080.0	505077.9	5408667.3	4898.60010	277.54	58.74	48.830962	-86.930809	56069.32	56251	-1.04	56068.28	56081.81641	56068.53545	56055.99219	505077.9	5408667.3
L5080.0	505077.9	5408665.7	4898.70020	276.37	58.74	48.830948	-86.930810	56070.54	56251	-1.04	56069.50	56082.67578	56069.43907	56056.85156	505077.9	5408665.7
L5080.0	505077.9	5408664.8	4898.79981	278.08	59.21	48.830940	-86.930810	56071.68	56251	-1.04	56070.64	56083.45313	56070.33255	56057.70313	505077.9	5408664.8
L5080.0	505077.8	5408663.5	4898.89990	277.64	64	48.830928	-86.930810	56072.84	56251	-1.04	56071.80	56084.25000	56071.20603	56058.53516	505077.8	5408663.5
L5080.0	505077.8	5408662.3	4899.00000	276.97	71.3	48.830918	-86.930810	56074.00	56251	-1.04	56072.96	56085.05078	56072.06164	56059.34766	505077.8	5408662.3
L5080.0	505077.8	5408661.4	4899.10010	277.09	71.7	48.830910	-86.930810	56075.06	56251	-1.04	56074.02	56085.75391	56072.91266	56060.16016	505077.8	5408661.4
L5080.0	505077.8	5408660.1	4899.20020	276.55	71.7	48.830898	-86.930810	56076.14	56251	-1.04	56075.10	56086.48047	56073.74492	56060.95703	505077.8	5408660.1
L5080.0	505077.8	5408658.7	4899.29981	276.10	71.8	48.830886	-86.930810	56077.19	56251	-1.04	56076.15	56087.17578	56074.56543	56061.74219	505077.8	5408658.7
L5080.0	505077.8	5408657.6	4899.39990	276.11	72.94	48.830875	-86.930810	56078.22	56251	-1.04	56077.19	56087.86719	56077.02604	56064.17188	505077.8	5408657.6
L5080.0	505077.8	5408656.2	4899.50000	278.17	71.91	48.830863	-86.930810	56079.27	56251	-1.04	56078.23	56088.55859	56077.82466	56064.93750	505077.8	5408656.2
L5080.0	505077.8	5408656.2	4899.60010	277.64	69.39	48.830863	-86.930810	56080.23	56251	-1.03	56079.19	56089.17188	56078.59440	56065.67969	505077.8	5408656.2
L5080.0	505077.8	5408654.8	4899.70020	277.28	69.39	48.830850	-86.930810	56081.23	56251	-1.03	56080.20	56089.83984	56079.37029	56066.42578	505077.8	5408654.8
L5080.0	505077.8	5408653.9	4899.79981	276.34	69.39	48.830842	-86.930811	56082.17	56251	-1.03	56081.14	56090.44141	56080.12083	56067.14844	505077.8	5408653.9
L5080.0	505077.8	5408652.7	4899.89990	277.30	69.53	48.830832	-86.930811	56083.08	56251	-1.03	56082.05	56091.01172	56080.85691	56067.86328	505077.8	5408652.7
L5080.0	505077.8	5408651.0	4900.00000	277.14	70.88	48.830816	-86.930811	56084.00	56251	-1.03	56082.97	56091.59766	56081.58913	56068.57031	505077.8	5408651.0
L5080.0	505077.8	5408651.0	4900.10010	276.70	72.47	48.830816	-86.930811	56084.90	56251	-1.03	56083.87	56092.16797	56082.30975	56069.26953	505077.8	5408651.0
L5080.0	505077.8	5408649.6	4900.20020	275.98	73.96	48.830803	-86.930811	56085.76	56251	-1.03	56084.74	56092.71094	56083.01624	56069.95703	505077.8	5408649.6
L5080.0	505077.8	5408648.4	4900.29981	275.37	73.62	48.830793	-86.930811	56086.61	56251	-1.02	56085.58	56093.23047	56083.70867	56070.63281	505077.8	5408648.4
L5080.0	505077.8	5408646.8	4900.39990	275.41	73.62	48.830779	-86.930811	56087.41	56251	-1.02	56086.38	56093.71094	56084.38449	56071.29297	505077.8	5408646.8
L5080.0	505077.8	5408645.8	4900.50000	273.90	73.99	48.830769	-86.930811	56088.27	56251	-1.02	56087.25	56094.26172	56085.07220	56071.96875	505077.8	5408645.8
L5080.0	505077.8	5408644.4	4900.60010	275.51	73.25	48.830757	-86.930811	56089.03	56251	-1.02	56088.01	56094.71094	56085.72511	56072.60938	505077.8	5408644.4
L5080.0	505077.8	5408644.4	4900.70020	277.62	73.25	48.830757	-86.930811	56089.84	56251	-1.02	56088.82	56095.21094	56086.38465	56073.25781	505077.8	5408644.4
L5080.0	505077.8	5408642.8	4900.79981	278.10	71.26	48.830742	-86.930811	56090.59	56251	-1.01	56089.58	56095.66797	56087.02499	56073.89063	505077.8	5408642.8
L5080.0	505077.8	5408641.7	4900.89990	277.07	70.15	48.830732	-86.930811	56091.36	56251	-1.01	56090.34	56096.12891	56087.65910	56074.51563	505077.8	5408641.7
L5080.0	505077.8	5408640.4	4901.00000	276.37	70.15	48.830720	-86.930811	56092.09	56251	-1.01	56091.08	56096.57031	56088.28183	56075.13281	505077.8	5408640.4
L5080.0	505077.8	5408639.0	4901.10010	276.51	70.14	48.830708	-86.930811	56092.83	56251	-1.01	56091.82	56097.01953	56088.89838	56075.74609	505077.8	5408639.0
L5080.0	505077.8	5408637.6	4901.20020	277.37	71.83	48.830695	-86.930811	56093.50	56251	-1.02	56092.49	56097.40234	56089.49061	56076.33594	505077.8	5408637.6
L5080.0	505077.8	5408637.6	4901.29981	277.48	71.83	48.830695	-86.930811	56094.21	56251	-1.02	56093.20	56097.82813	56090.08712	56076.93359	505077.8	5408637.6
L5080.0	505077.8	5408636.3	4901.39990	277.56	74.26	48.830684	-86.930811	56094.90	56251	-1.02	56093.88	56098.23047	56090.66975	56077.51563	505077.8	5408636.3
L5080.0	505077.8	5408635.2	4901.50000	278.85	76.41	48.830674	-86.930811	56095.57	56251	-1.03	56094.55	56098.62500	56091.24379	56078.09375	505077.8	5408635.2
L5080.0	505077.8	5408633.6	4901.60010	278.21	76.55	48.830659	-86.930811	56096.19	56251	-1.03	56095.16	56098.96484	56091.79628	56078.65234	505077.8	5408633.6
L5080.0	505077.8	5408632.4	4901.70020	276.83	80.31	48.830649	-86.930811	56096.84	56251	-1.03	56095.81	56099.35156	56092.35322	56079.21484	505077.8	5408632.4

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5080.0	505077.8	5408631.0	4901.79981	277.72	80.31	48.830636	-86.930812	56097.50	56251	-1.03	56096.47	56099.75000	56092.90681	56079.77734	505077.8	5408631.0
L5080.0	505077.8	5408631.0	4901.89990	277.06	80.16	48.830636	-86.930812	56098.13	56251	-1.04	56097.09	56100.11719	56093.44407	56080.32031	505077.8	5408631.0
L5080.0	505077.7	5408629.7	4902.00000	277.05	80.58	48.830624	-86.930812	56098.70	56251	-1.04	56097.65	56100.42578	56093.95970	56080.84766	505077.7	5408629.7
L5080.0	505077.7	5408628.6	4902.10010	276.26	80.96	48.830614	-86.930812	56099.30	56251	-1.04	56098.26	56100.78906	56094.48259	56081.38281	505077.7	5408628.6
L5080.0	505077.7	5408627.4	4902.20020	277.39	80.96	48.830603	-86.930812	56099.90	56251	-1.04	56098.86	56101.14844	56094.99710	56081.91016	505077.7	5408627.4
L5080.0	505077.7	5408626.1	4902.29981	276.16	81.01	48.830592	-86.930812	56100.44	56251	-1.04	56099.40	56101.45313	56095.49040	56082.42188	505077.7	5408626.1
L5080.0	505077.7	5408624.5	4902.39990	276.21	81.01	48.830578	-86.930812	56100.99	56251	-1.04	56099.95	56101.76953	56095.98120	56082.92578	505077.7	5408624.5
L5080.0	505077.7	5408623.2	4902.50000	277.12	81.05	48.830566	-86.930812	56101.57	56251	-1.04	56100.53	56102.12500	56096.47508	56083.43750	505077.7	5408623.2
L5080.0	505077.7	5408623.2	4902.60010	277.31	81.14	48.830566	-86.930812	56102.08	56251	-1.04	56101.04	56102.41406	56096.94592	56083.92969	505077.7	5408623.2
L5080.0	505077.7	5408621.8	4902.70020	277.15	81.76	48.830554	-86.930812	56102.64	56251	-1.04	56101.60	56102.75781	56097.42577	56084.42969	505077.7	5408621.8
L5080.0	505077.7	5408620.6	4902.79981	277.60	81.76	48.830543	-86.930812	56103.12	56251	-1.04	56102.08	56103.02734	56097.88026	56084.90625	505077.7	5408620.6
L5080.0	505077.7	5408619.1	4902.89990	277.07	82.02	48.830529	-86.930812	56103.70	56251	-1.04	56102.66	56103.39844	56098.35761	56085.40625	505077.7	5408619.1
L5080.0	505077.7	5408617.8	4903.00000	277.70	78.13	48.830517	-86.930812	56104.21	56251	-1.04	56103.17	56103.71094	56098.81237	56085.88672	505077.7	5408617.8
L5080.0	505077.7	5408617.8	4903.10010	276.97	78.13	48.830517	-86.930812	56104.64	56251	-1.04	56103.60	56103.94141	56098.11705	56085.21484	505077.7	5408617.8
L5080.0	505077.7	5408615.9	4903.20020	277.69	81.75	48.830500	-86.930812	56105.12	56251	-1.04	56104.08	56104.23047	56098.56650	56085.69141	505077.7	5408615.9
L5080.0	505077.7	5408614.5	4903.29981	278.87	81.49	48.830488	-86.930812	56105.54	56251	-1.04	56104.50	56104.46484	56099.01564	56086.16797	505077.7	5408614.5
L5080.0	505077.7	5408613.6	4903.39990	277.48	81.49	48.830480	-86.930812	56105.98	56251	-1.04	56104.94	56104.72656	56099.45306	56086.63672	505077.7	5408613.6
L5080.0	505077.7	5408613.6	4903.50000	276.58	81.63	48.830480	-86.930812	56106.43	56251	-1.04	56105.39	56105.00000	56099.87994	56087.09375	505077.7	5408613.6
L5080.0	505077.7	5408612.4	4903.60010	277.20	81.63	48.830469	-86.930812	56106.88	56251	-1.04	56105.84	56105.27734	56100.29724	56087.53906	505077.7	5408612.4
L5080.0	505077.7	5408610.7	4903.70020	278.11	82.07	48.830453	-86.930812	56107.24	56251	-1.04	56106.20	56105.47266	56100.71511	56087.99219	505077.7	5408610.7
L5080.0	505077.8	5408609.2	4903.79981	278.05	82.07	48.830440	-86.930812	56107.72	56251	-1.04	56106.68	56105.78906	56101.10819	56088.41797	505077.8	5408609.2
L5080.0	505077.8	5408607.9	4903.89990	277.75	81.74	48.830428	-86.930812	56108.14	56251	-1.04	56107.10	56106.05469	56101.49718	56088.83984	505077.8	5408607.9
L5080.0	505077.8	5408607.9	4904.00000	278.55	82.3	48.830428	-86.930812	56108.50	56251	-1.04	56107.46	56106.26563	56101.88120	56089.25781	505077.8	5408607.9
L5080.0	505077.8	5408606.3	4904.10010	280.33	82.3	48.830414	-86.930811	56108.90	56251	-1.04	56107.86	56106.51563	56102.24901	56089.66406	505077.8	5408606.3
L5080.0	505077.8	5408604.7	4904.20020	278.88	82.58	48.830400	-86.930811	56109.27	56251	-1.04	56108.23	56106.74609	56102.60785	56090.05859	505077.8	5408604.7
L5080.0	505077.8	5408603.4	4904.29981	278.54	81.74	48.830388	-86.930811	56109.70	56251	-1.04	56108.66	56107.03906	56102.94800	56090.43750	505077.8	5408603.4
L5080.0	505077.8	5408603.4	4904.39990	279.42	73.08	48.830388	-86.930811	56110.04	56251	-1.04	56109.00	56107.25000	56103.28467	56090.81250	505077.8	5408603.4
L5080.0	505077.8	5408601.6	4904.50000	278.49	73.08	48.830372	-86.930811	56110.43	56251	-1.04	56109.39	56107.51172	56103.60328	56091.16797	505077.8	5408601.6
L5080.0	505077.8	5408600.6	4904.60010	278.46	69.05	48.830363	-86.930811	56110.75	56251	-1.04	56109.71	56107.71094	56103.91613	56091.52344	505077.8	5408600.6
L5080.0	505077.8	5408599.3	4904.70020	278.95	69.05	48.830351	-86.930811	56111.11	56251	-1.04	56110.07	56107.95313	56104.21157	56091.85938	505077.8	5408599.3
L5080.0	505077.9	5408597.9	4904.79981	279.69	70.69	48.830338	-86.930810	56111.46	56251	-1.04	56110.42	56108.19141	56104.49480	56092.18359	505077.9	5408597.9
L5080.0	505077.9	5408596.9	4904.89990	278.71	72.76	48.830330	-86.930810	56111.82	56251	-1.04	56110.78	56108.44141	56104.76374	56092.49219	505077.9	5408596.9
L5080.0	505077.9	5408595.8	4905.00000	276.64	79.64	48.830319	-86.930810	56112.10	56251	-1.04	56111.06	56108.61719	56105.02890	56092.80078	505077.9	5408595.8
L5080.0	505077.9	5408594.4	4905.10010	277.07	79.64	48.830307	-86.930810	56112.44	56251	-1.04	56111.40	56108.85938	56105.27444	56093.08984	505077.9	5408594.4
L5080.0	505077.9	5408594.4	4905.20020	276.57	71.19	48.830307	-86.930810	56112.73	56251	-1.03	56111.70	56109.06641	56105.51288	56093.37109	505077.9	5408594.4
L5080.0	505077.9	5408592.4	4905.29981	276.82	71.19	48.830289	-86.930810	56113.00	56251	-1.03	56111.97	56109.24609	56105.74440	56093.64453	505077.9	5408592.4
L5080.0	505077.9	5408590.9	4905.39990	277.77	78.38	48.830276	-86.930810	56113.29	56251	-1.03	56112.26	56109.44922	56105.96351	56093.91016	505077.9	5408590.9
L5080.0	505077.9	5408589.5	4905.50000	277.34	78.38	48.830263	-86.930810	56113.54	56251	-1.03	56112.51	56109.62109	56107.21522	56095.20703	505077.9	5408589.5
L5080.0	505077.9	5408589.5	4905.60010	276.64	79.12	48.830263	-86.930810	56113.87	56251	-1.02	56112.84	56109.87109	56107.44625	56095.48047	505077.9	5408589.5
L5080.0	505077.9	5408588.2	4905.70020	275.69	79.12	48.830251	-86.930810	56114.09	56251	-1.02	56113.07	56110.03125	56107.64656	56095.72656	505077.9	5408588.2
L5080.0	505077.9	5408586.7	4905.79981	277.34	71.3	48.830237	-86.930810	56114.35	56251	-1.02	56113.33	56110.22266	56107.85144	56095.98047	505077.9	5408586.7
L5080.0	505077.9	5408586.7	4905.89990	278.20	70.57	48.830237	-86.930810	56114.55	56251	-1.01	56113.54	56110.36719	56108.04032	56096.21484	505077.9	5408586.7
L5080.0	505077.9	5408585.3	4906.00000	277.38	73.73	48.830225	-86.930810	56114.78	56251	-1.01	56113.77	56110.53906	56108.23162	56096.45313	505077.9	5408585.3
L5080.0	505077.9	5408584.0	4906.10010	276.93	73.73	48.830213	-86.930809	56115.01	56251	-1.01	56113.99	56110.70313	56108.41775	56096.68359	505077.9	5408584.0
L5080.0	505077.9	5408582.6	4906.20020	276.55	76.96	48.830201	-86.930809	56115.25	56251	-1.02	56114.24	56110.89844	56108.60880	56096.92188	505077.9	5408582.6
L5080.0	505077.9	5408581.9	4906.29981	275.81	76.11	48.830194	-86.930809	56115.39	56251	-1.02	56114.36	56110.97266	56108.76430	56097.12500	505077.9	5408581.9
L5080.0	505077.9	5408580.1	4906.39990	274.92	76.11	48.830178	-86.930810	56115.57	56251	-1.03	56114.54	56111.10547	56108.93169	56097.33984	505077.9	5408580.1
L5080.0	505077.9	5408580.1	4906.50000	276.33	76.64	48.830178	-86.930810	56115.73	56251	-1.03	56114.70	56111.22656	56109.09054	56097.54688	505077.9	5408580.1
L5080.0	505077.9	5408578.5	4906.60010	275.93	75.06	48.830164	-86.930810	56115.92	56251	-1.03	56114.88	56111.36719	56109.25042	56097.75391	505077.9	5408578.5
L5080.0	505077.9	5408577.2	4906.70020	277.87	72.28	48.830152	-86.930810	56116.06	56251	-1.04	56115.03	56111.48438	56109.39848	56097.94922	505077.9	5408577.2
L5080.0	505077.9	5408575.8	4906.79981	276.09	72.28	48.830139	-86.930810	56116.24	56251	-1.04	56115.20	56111.62500	56109.54672	56098.14453	505077.9	5408575.8
L5080.0	505077.9	5408575.8	4906.89990	278.07	77.12	48.830139	-86.930810	56116.31	56251	-1.05	56115.26	56111.66016	56109.66261	56098.30859	505077.9	5408575.8
L5080.0	505077.9	5408574.0	4907.00000	277.80	78.47	48.830123	-86.930811	56116.47	56251.1	-1.05	56115.42	56111.79688	56109.79749	56098.48828	505077.9	5408574.0
L5080.0	505077.9	5408572.8	4907.10010	278.69	78.69	48.830112	-86.930811	56116.55	56251	-1.05	56115.50	56111.85547	56109.90665	56098.64453	505077.9	5408572.8
L5080.0	505077.8	5408571.4	4907.20020	275.16	77.57	48.830101	-86.930811	56116.68	56251	-1.05	56115.63	56111.96875	56110.02152	56098.80859	505077.8	5408571.4
L5080.0	505077.8	5408570.1	4907.29981	274.44	77.57	48.830088	-86.930811	56116.70	56251	-1.05	56115.65	56111.97656	56110.10327	56098.93750	505077.8	5408570.1
L5080.0	505077.8	5408570.1	4907.39990	277.66	78.23	48.830088	-86.930811	56116.76	56251	-1.05	56115.71	56112.02734	56110.18813	56099.07031	505077.8	5408570.1
L5080.0	505077.8	5408568.7	4907.50000	276.08	75.12	48.830076	-86.930811	56116.85	56251	-1.04	56115.81	56112.12109	56110.27612	56099.20313	505077.8	5408568.7
L5080.0	505077.8	5408567.6	4907.60010	276.80	75.12	48.830065	-86.930812	56116.88	56251	-1.04	56115.83	56112.13672	56110.33870	56099.31250	505077.8	5408567.6
L5080.0	505077.8	5408566.2	4907.70020	276.31	74.28	48.830053	-86.930812	56116.98	56251	-1.04	56115.93	56112.23438	56110.41467	56099.43750	505077.8	5408566.2
L5080.0	505077.8	5408564.8	4907.79981	275.49	78.47	48.830040	-86.930812	56116.93	56251	-1.04	56115.88	56112.18750	56110.45027	56099.51953	505077.8	5408564.8
L5080.0	505077.8	5408563.8	4907.89990	277.57	73.62	48.830032	-86.930812	56116.98	56251	-1.04	56115.94	56112.25000	56110.50750	56099.62109	505077.8	5408563.8
L5080.0	505077.8	5408562.4	4908.00000	279.24	71.87	48.830019	-86.930812	56116.98	56251	-1.04	56115.94	56112.25781	56110.54690	56099.70703	505077.8	5408562.4
L5080.0	505077.8	5408561.0	4908.10010	276.71	71.87	48.830006	-86.930812	56116.93	56251	-1.04	56115.88	56112.20703	56110.56904	56099.77344	505077.8	5408561.0
L5080.0	505077.8	5408561.0	4908.20020	276.64	74.01	48.830006	-86.930812	56116.93	56251	-1.05	56115.88	56112.21875	56110.60182	56099.85156	505077.8	5408561.0
L5080.0	505077.8	5408559.8	4908.29981	277.21	79.64	48.829996	-86.930812	56116.85	56251	-1.05	56115.80	56112.15625	56110.61346	56099.91016	505077.8	5408559.8
L5080.0	505077.8	5408558.5	4908.39990	276.17	79.64	48.829984	-86.930812	56116.78	56251.1	-1.05	56115.73	56112.10156	56110.62469	56099.96484	505077.8	5408558.5
L5080.0	505077.8	5408556.9	4908.50000	275.34	79.14	48.829969	-86.930812	56116.72	56251.1	-1.06	56115.67	56112.06250	56110.63554	56100.01953	505077.8	5408556.9
L5080.0	505077.8	5408555.6	4908.60010	273.27	77.11	48.829958	-86.930812	56116.68	56251.1	-1.06	56115.62	56112.03125	56110.64540	56100.07422	505077.8	5408555.6
L5080.0	505077.8	5408555.6	4908.70020	274.77	78.24	48.829958	-86.930812	56116.55	56251.1	-1.06	56115.49	56111.92578	56110.63372	56100.10547	505077.8	5408555.6
L5080.0	505077.8	5408554.0	4908.79981	273.85	75.69	48.829944	-86.930812	56116.47	56251.1	-1.06	56115.40	56111.86328	56110.62773	56100.14453	505077.8	5408554.0
L5080.0	505077.8	5408552.2	4908.89990	274.63	75.69	48.829927	-86.930812	56116.36	56251.1	-1.07	56115.29	56111.78125	56110.61407	56100.17578	505077.8	5408552.2
L5080.0	505077.8	5408550.9	4909.00000	275.71	75.69	48.829916	-86.930811	56116.24	56251.1	-1.07	56115.17	56111.69141	56110.59461	56100.19531	505077.8	5408550.9
L5080.0	505077.8	5408549.2	4909.10010	275.96	75.14	48.829901	-86.930811	56116.06	56251.1	-1.07	56115.00	56111.55469	56110.56035	56100.20703	505077.8	5408549.2
L5080.0	505077.8	5408549.2	4909.20020	277.37	69.99	48.829901	-86.930811	56115.95	56251.1	-1.06	56114.88	56111.46875	56110.53389	56100.21875	505077.8	5408549.2
L5080.0	505077.8	5408547.6	4909.29981	278.09	69.99	48.829886	-86.930811	56115.73	56251.1	-1.06	56114.67	56111.29297	56110.48326	56100.21094	505077.8	5408547.6
L5080.0	505077.8	5408547.6	4909.39990	277.90	69.43	48.829886	-86.930811	56115.59	56251.1	-1.06	56114.53	56111.19141	56110.44466	56100.21484	505077.8	5408547.6
L5080.0	505077.8	5408546.0	4909.50000	277.45	69.43	48.829871	-86.930811	56115.38	56251.1	-1.06	56114.32	56111.01953	56110.38607	56100.19531	505077.8	5408546.0
L5080.0	505077.9	5408544.1	4909.60010	277.28	76.25	48.829854	-86.930811	56115.21	56251.1	-1.05	56114.16	56110.89844	56110.33494	56100.18359	505077.9	5408544.1
L5080.0	505077.9	5408542.9	4909.70020	276.19	76.25	48.829844	-86.930811	56115.01	56251	-1.05	56113.96	56110.74219	56110.27049	56100.16016	505077.9	5408542.9
L5080.0	505077.9	5408541.7	4909.79981	277.43	76.74	48.829833	-86.930811	56114.78	56251	-1.05	56113.73	56110.55469	56110.19491	56100.12500	505077.9	5408541.7
L5080.0	505077.9	5408540.1	4909.89990	276.63	77.91	48.829819	-86.930811	56114.53	56251	-1.04	56113.48	56110.34766	56110.11043	56100.07813	505077.9	5408540.1
L5080.0	505077.9	5408540.1	4910.00000	276.61	77.91	48.829819	-86.930811	56114.30	56251	-1.04	56113.26	56110.17578	56110.02880	56100.03516	505077.9	5408540.1
L5080.0	505077.9	5408538.1	4910.10010	275.28	78.38	48.829800	-86.930811	56114.04	56251	-1.04	56113.00	56109.96484	56109.93357	56099.97656	505077.9	5408538.1
L5080.0	505077.9	5408538.1	4910.20020	275.28	78.38	48.829800	-86.930811	56113.82	56251	-1.04	56112.78	56109.79297	56109.84378	56099.92578	505077.9	5408538.1
L5080.0	505077.9	5408536.8	4910.20020	274.66	78.07	48.829789	-86.930811	56113.54	56251	-1.04	56112.50	56109.56250	56109.73598	56099.85547	505077.9	5408536.8
L5080.0	505077.9	5408535.2	4910.39990	276.85	78.39	48.829774	-86.930811	56113.27	56251	-1.04	56112.23	56109.34375	56109.62691	56099.78125	505077.9	5408535.2
L5080.0	505077.9	5408533.5	4910.50000	276.18	78.39	48.829759	-86.930811	56112.93	56251	-1.04	56111.89	56109.05469	56109.49739	56099.68750	505077.9	5408533.5
L5080.0	505077.9	5408533.5	4910.60010	275.99	78.61	48.829759	-86.930811	56112.71	56251	-1.04	56111.67	56108.88672	56109.39386	56099.61719	505077.9	5408533.5
L5080.0	505077.9	5408531.9	4910.70020	275.36	79.58	48.829744	-86.930810	56112.34	56251	-1.04	56111.30	56108.57031	56109.25068	56099.51172	505077.9	5408531.9
L5080.0	505077.9	5408530.5	4910.79981	275.54	79.58	48.829732	-86.930810	56112.07	56251	-1.04	56111.03	56108.35547	56109.12937	56099.42188	505077.9	5408530.5
L5080.0	505077.9	5408530.5	4910.89990	276.53	75.5	48.829732	-86.930810	56111.72	56251	-1.04	56110.68	56108.05859	56108.98548	56099.31250	505077.9	5408530.5
L5080.0	505078.0	5408528.7	4911.00000	276.64	79.91	48.829715	-86.930810	56111.41	56251	-1.04	56110.37	56107.80469	56108.84882	56099.21094	505078.0	5408528.7

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5080.0	505078.0	5408527.2	4911.10010	276.37	79.91	48.829702	-86.930810	56111.06	56251	-1.04	56110.02	56107.51172	56108.69888	56099.09375	505078.0	5408527.2
L5080.0	505078.0	5408526.0	4911.20020	276.99	73.72	48.829691	-86.930810	56110.73	56251	-1.05	56109.68	56107.23047	56108.54799	56098.97656	505078.0	5408526.0
L5080.0	505078.0	5408524.6	4911.29981	277.45	71.35	48.829679	-86.930810	56110.41	56251	-1.05	56109.36	56106.96484	56108.39863	56098.85547	505078.0	5408524.6
L5080.0	505078.0	5408524.6	4911.39990	277.54	82.64	48.829679	-86.930810	56110.02	56251.1	-1.05	56108.97	56106.63281	56108.22622	56098.71484	505078.0	5408524.6
L5080.0	505078.0	5408523.2	4911.50000	277.41	83.31	48.829666	-86.930810	56109.70	56251.1	-1.06	56108.64	56106.36328	56107.66061	56098.17969	505078.0	5408523.2
L5080.0	505078.0	5408521.5	4911.60010	277.58	83.31	48.829651	-86.930809	56109.29	56251.1	-1.06	56108.23	56106.01172	56107.52628	56098.07813	505078.0	5408521.5
L5080.0	505078.0	5408520.3	4911.70020	275.79	84.49	48.829640	-86.930809	56108.96	56251.1	-1.06	56107.90	56105.74219	56107.37529	56097.95703	505078.0	5408520.3
L5080.0	505078.0	5408518.7	4911.79981	275.11	84.49	48.829626	-86.930809	56108.56	56251.1	-1.06	56107.49	56105.39063	56107.22807	56097.83984	505078.0	5408518.7
L5080.0	505078.0	5408517.3	4911.89990	276.05	85.39	48.829614	-86.930809	56108.18	56251.1	-1.07	56107.11	56105.07031	56107.07194	56097.71094	505078.0	5408517.3
L5080.0	505078.0	5408517.3	4912.00000	276.88	85.39	48.829614	-86.930809	56107.82	56251.1	-1.07	56106.75	56104.76953	56106.90928	56097.57813	505078.0	5408517.3
L5080.0	505078.0	5408515.6	4912.10010	278.59	85.55	48.829598	-86.930809	56107.44	56251.1	-1.07	56106.37	56104.45313	56106.74532	56097.44141	505078.0	5408515.6
L5080.0	505078.0	5408514.2	4912.20020	277.84	83.75	48.829585	-86.930809	56106.99	56251.1	-1.07	56105.92	56104.06250	56106.58576	56097.30859	505078.0	5408514.2
L5080.0	505078.0	5408512.5	4912.29981	278.81	83.75	48.829570	-86.930809	56106.69	56251.1	-1.06	56105.62	56103.82031	56106.40991	56097.16016	505078.0	5408512.5
L5080.0	505078.0	5408512.5	4912.39990	279.66	83.82	48.829570	-86.930809	56106.28	56251.1	-1.06	56105.22	56103.48438	56106.24332	56097.01953	505078.0	5408512.5
L5080.0	505078.0	5408510.6	4912.50000	279.67	86.1	48.829553	-86.930809	56105.89	56251.1	-1.06	56104.83	56103.15234	56106.07603	56096.87891	505078.0	5408510.6
L5080.0	505078.0	5408509.4	4912.60010	279.83	86.1	48.829543	-86.930810	56105.49	56251.1	-1.06	56104.43	56102.81250	56105.91091	56096.74219	505078.0	5408509.4
L5080.0	505078.0	5408509.4	4912.70020	279.37	75.03	48.829543	-86.930810	56105.13	56251.1	-1.06	56104.07	56102.51563	56105.74355	56096.59766	505078.0	5408509.4
L5080.0	505078.0	5408506.8	4912.79981	279.83	75.03	48.829519	-86.930810	56104.73	56251.1	-1.05	56103.68	56102.18359	56105.58184	56096.46094	505078.0	5408506.8
L5080.0	505078.0	5408506.8	4912.89990	278.66	73.54	48.829519	-86.930810	56104.36	56251.1	-1.05	56103.31	56101.87500	56105.42103	56096.32422	505078.0	5408506.8
L5080.0	505078.0	5408505.4	4913.00000	277.90	76.93	48.829506	-86.930810	56104.00	56251.1	-1.05	56102.95	56101.57422	56105.26244	56096.19141	505078.0	5408505.4
L5080.0	505078.0	5408503.8	4913.10010	276.41	82.73	48.829492	-86.930810	56103.60	56251	-1.05	56102.55	56101.23438	56105.11260	56096.06641	505078.0	5408503.8
L5080.0	505077.9	5408502.4	4913.20020	276.22	82.73	48.829479	-86.930810	56103.27	56251	-1.04	56102.23	56100.97266	56104.95629	56095.93359	505077.9	5408502.4
L5080.0	505077.9	5408500.9	4913.29981	276.34	85.26	48.829466	-86.930811	56102.84	56251	-1.04	56101.80	56100.60156	56104.81883	56095.81641	505077.9	5408500.9
L5080.0	505077.9	5408499.9	4913.39990	275.59	74.08	48.829457	-86.930811	56102.48	56251	-1.04	56101.44	56100.30078	56104.45944	56095.48047	505077.9	5408499.9
L5080.0	505077.9	5408498.5	4913.50000	276.56	74.08	48.829444	-86.930811	56102.11	56251	-1.04	56101.07	56099.99219	56104.28735	56095.33203	505077.9	5408498.5
L5080.0	505077.9	5408498.5	4913.60010	276.18	74.47	48.829444	-86.930811	56101.78	56251	-1.03	56100.75	56099.73047	56104.12991	56095.19531	505077.9	5408498.5
L5080.0	505077.9	5408497.3	4913.70020	275.46	85.56	48.829434	-86.930811	56101.42	56251	-1.03	56100.39	56099.42578	56103.96301	56095.05078	505077.9	5408497.3
L5080.0	505077.9	5408495.9	4913.79981	274.96	85.95	48.829421	-86.930811	56101.10	56251	-1.03	56100.07	56099.16406	56103.80668	56094.91797	505077.9	5408495.9
L5080.0	505077.9	5408494.3	4913.89990	276.44	79.28	48.829407	-86.930812	56100.76	56251	-1.02	56099.74	56098.89063	56103.64749	56094.77734	505077.9	5408494.3
L5080.0	505077.9	5408494.3	4914.00000	277.02	79.28	48.829407	-86.930812	56100.41	56251	-1.02	56099.39	56098.59766	56103.48248	56094.63281	505077.9	5408494.3
L5080.0	505077.9	5408492.9	4914.10010	277.38	82.01	48.829394	-86.930812	56100.06	56251	-1.02	56099.04	56098.30469	56103.31602	56094.48828	505077.9	5408492.9
L5080.0	505077.8	5408491.6	4914.20020	277.09	88.68	48.829383	-86.930812	56099.81	56251	-1.02	56098.78	56098.09766	56103.16950	56094.35938	505077.8	5408491.6
L5080.0	505077.8	5408490.2	4914.29981	277.28	88.68	48.829370	-86.930812	56099.46	56251	-1.03	56098.43	56097.80469	56102.99905	56094.21094	505077.8	5408490.2
L5080.0	505077.8	5408489.0	4914.39990	276.59	88.6	48.829359	-86.930812	56099.12	56251	-1.03	56098.09	56097.51953	56102.82920	56094.05859	505077.8	5408489.0
L5080.0	505077.8	5408487.0	4914.50000	274.10	90.28	48.829340	-86.930813	56098.84	56251	-1.03	56097.81	56097.29297	56102.67237	56093.92188	505077.8	5408487.0
L5080.0	505077.8	5408485.7	4914.60010	275.98	90.28	48.829329	-86.930813	56098.57	56251	-1.03	56097.53	56097.06641	56102.51456	56093.78516	505077.8	5408485.7
L5080.0	505077.8	5408485.7	4914.70020	275.60	90.38	48.829329	-86.930813	56098.32	56251	-1.03	56097.28	56096.86719	56102.36374	56093.65234	505077.8	5408485.7
L5080.0	505077.8	5408484.0	4914.79981	276.65	90.38	48.829314	-86.930813	56098.03	56251	-1.04	56096.99	56096.63281	56102.20391	56093.51172	505077.8	5408484.0
L5080.0	505077.8	5408482.1	4914.89990	276.80	86.97	48.829297	-86.930813	56097.84	56251	-1.04	56096.80	56096.49219	56102.06972	56093.39453	505077.8	5408482.1
L5080.0	505077.8	5408482.1	4915.00000	278.63	86.97	48.829297	-86.930813	56097.53	56251	-1.04	56096.49	56096.23438	56101.90877	56093.25391	505077.8	5408482.1
L5080.0	505077.8	5408480.7	4915.10010	278.48	86.86	48.829284	-86.930813	56097.27	56251	-1.04	56096.23	56096.02344	56101.76314	56093.12500	505077.8	5408480.7
L5080.0	505077.7	5408479.4	4915.20020	277.11	87.64	48.829273	-86.930814	56097.05	56251	-1.05	56096.00	56095.84375	56101.62815	56093.00781	505077.7	5408479.4
L5080.0	505077.7	5408479.4	4915.29981	277.24	87.64	48.829273	-86.930814	56096.82	56251	-1.05	56095.77	56095.66016	56101.49658	56092.89453	505077.7	5408479.4
L5080.0	505077.7	5408477.8	4915.39990	276.63	85.13	48.829258	-86.930814	56096.56	56251.1	-1.05	56095.51	56095.44922	56101.36113	56092.77734	505077.7	5408477.8
L5080.0	505077.7	5408476.2	4915.50000	276.24	85.33	48.829243	-86.930814	56096.42	56251.1	-1.06	56095.36	56095.34766	56101.25522	56092.68750	505077.7	5408476.2
L5080.0	505077.7	5408474.8	4915.60010	276.62	86.45	48.829231	-86.930814	56096.18	56251.1	-1.06	56095.13	56095.16406	56101.13324	56092.58203	505077.7	5408474.8
L5080.0	505077.7	5408473.5	4915.70020	276.11	86.45	48.829219	-86.930814	56096.06	56251.1	-1.06	56095.00	56095.08203	56101.03788	56092.50391	505077.7	5408473.5
L5080.0	505077.7	5408473.5	4915.79981	276.87	85.33	48.829219	-86.930814	56095.81	56251.1	-1.06	56094.75	56094.87500	56100.91663	56092.40234	505077.7	5408473.5
L5080.0	505077.7	5408471.9	4915.89990	277.15	85.07	48.829205	-86.930814	56095.70	56251.1	-1.07	56094.64	56094.80859	56100.83046	56092.33203	505077.7	5408471.9
L5080.0	505077.7	5408470.8	4916.00000	276.37	80.82	48.829195	-86.930814	56095.56	56251.1	-1.07	56094.49	56094.70313	56100.73651	56092.25391	505077.7	5408470.8
L5080.0	505077.7	5408468.6	4916.10010	275.49	80.82	48.829175	-86.930814	56095.45	56251.1	-1.07	56094.38	56094.63672	56100.65311	56092.18750	505077.7	5408468.6
L5080.0	505077.7	5408467.7	4916.20020	276.83	83.39	48.829167	-86.930814	56095.36	56251.1	-1.07	56094.29	56094.58984	56100.57500	56092.12500	505077.7	5408467.7
L5080.0	505077.7	5408466.6	4916.29981	275.84	85.91	48.829157	-86.930814	56095.20	56251.1	-1.06	56094.14	56094.48047	56100.48338	56092.05078	505077.7	5408466.6
L5080.0	505077.7	5408465.4	4916.39990	275.64	85.91	48.829146	-86.930814	56095.07	56251.1	-1.06	56094.00	56094.38281	56100.39409	56091.97656	505077.7	5408465.4
L5080.0	505077.7	5408465.4	4916.50000	275.11	84.65	48.829146	-86.930814	56095.00	56251.1	-1.06	56093.94	56094.36328	56100.32261	56091.92188	505077.7	5408465.4
L5080.0	505077.7	5408463.9	4916.60010	276.11	84.55	48.829133	-86.930814	56094.82	56251.1	-1.06	56093.77	56094.23047	56100.22542	56091.84375	505077.7	5408463.9
L5080.0	505077.7	5408462.5	4916.70020	274.98	84.55	48.829121	-86.930814	56094.77	56251.1	-1.06	56093.71	56094.21094	56100.15234	56091.78516	505077.7	5408462.5
L5080.0	505077.7	5408460.9	4916.79981	273.99	84.28	48.829106	-86.930814	56094.75	56251.1	-1.05	56093.69	56094.22656	56100.08743	56091.73828	505077.7	5408460.9
L5080.0	505077.8	5408459.4	4916.89990	274.93	85.31	48.829093	-86.930814	56094.62	56251.1	-1.05	56093.57	56094.14453	56099.99884	56091.66406	505077.8	5408459.4
L5080.0	505077.8	5408459.4	4917.00000	275.08	86.92	48.829093	-86.930814	56094.59	56251.1	-1.05	56093.54	56094.15234	56099.92997	56091.61328	505077.8	5408459.4
L5080.0	505077.8	5408457.1	4917.10010	276.10	86.92	48.829072	-86.930813	56094.52	56251	-1.05	56093.47	56094.11719	56099.85134	56091.55078	505077.8	5408457.1
L5080.0	505077.8	5408457.1	4917.20020	276.39	86.64	48.829072	-86.930813	56094.52	56251	-1.04	56093.48	56094.16016	56099.79101	56091.50391	505077.8	5408457.1
L5080.0	505077.8	5408455.6	4917.29981	276.09	88.63	48.829059	-86.930813	56094.46	56251	-1.04	56093.42	56094.13672	56099.71479	56091.44531	505077.8	5408455.6
L5080.0	505077.8	5408454.2	4917.39990	276.15	85.27	48.829046	-86.930813	56094.42	56251	-1.04	56093.38	56094.12891	56099.64394	56091.39063	505077.8	5408454.2
L5080.0	505077.8	5408452.8	4917.50000	275.92	85.27	48.829033	-86.930813	56094.34	56251	-1.04	56093.30	56094.08203	56099.56477	56091.32813	505077.8	5408452.8
L5080.0	505077.8	5408451.1	4917.60010	276.91	87.42	48.829018	-86.930813	56094.32	56251	-1.03	56093.28	56094.09375	56099.50123	56091.28125	505077.8	5408451.1
L5080.0	505077.8	5408451.1	4917.70020	276.91	85.67	48.829018	-86.930813	56094.24	56251	-1.03	56093.21	56094.05469	56099.42761	56091.22266	505077.8	5408451.1
L5080.0	505077.8	5408449.7	4917.79981	277.57	85.67	48.829005	-86.930813	56094.29	56251	-1.03	56093.26	56094.13672	56099.38508	56091.19531	505077.8	5408449.7
L5080.0	505077.8	5408448.3	4917.89990	275.63	86.29	48.828992	-86.930813	56094.26	56251	-1.02	56093.24	56094.14453	56099.32852	56091.15625	505077.8	5408448.3
L5080.0	505077.8	5408447.3	4918.00000	276.61	89.42	48.828984	-86.930813	56094.24	56251	-1.02	56093.22	56094.15234	56099.27510	56091.12109	505077.8	5408447.3
L5080.0	505077.8	5408445.9	4918.10010	277.18	89.67	48.828971	-86.930813	56094.24	56251	-1.02	56093.22	56094.18359	56099.22995	56091.08984	505077.8	5408445.9
L5080.0	505077.8	5408444.3	4918.20020	277.37	89.67	48.828957	-86.930813	56094.24	56251	-1.02	56093.22	56094.21094	56099.18842	56091.06641	505077.8	5408444.3
L5080.0	505077.8	5408444.3	4918.29981	277.43	91.64	48.828957	-86.930813	56094.26	56251	-1.02	56093.24	56094.25781	56099.15558	56091.05078	505077.8	5408444.3
L5080.0	505077.8	5408443.1	4918.39990	278.09	91.64	48.828946	-86.930814	56094.21	56251	-1.02	56093.19	56094.23438	56099.10943	56091.01953	505077.8	5408443.1
L5080.0	505077.7	5408441.7	4918.50000	277.13	96.88	48.828933	-86.930814	56094.32	56251	-1.02	56093.29	56094.35938	56099.10394	56091.03125	505077.7	5408441.7
L5080.0	505077.7	5408440.1	4918.60010	276.79	97.55	48.828919	-86.930814	56094.26	56251	-1.03	56093.24	56094.33594	56099.06575	56091.01172	505077.7	5408440.1
L5080.0	505077.7	5408439.1	4918.70020	274.94	98.03	48.828910	-86.930815	56094.30	56251	-1.03	56093.27	56094.39063	56099.05078	56091.01172	505077.7	5408439.1
L5080.0	505077.7	5408437.7	4918.79981	275.09	98.03	48.828897	-86.930815	56094.32	56251	-1.03	56093.29	56094.43750	56099.03656	56091.01563	505077.7	5408437.7
L5080.0	505077.6	5408436.3	4918.89990	275.80	98.19	48.828885	-86.930815	56094.38	56251	-1.03	56093.35	56094.51953	56099.03474	56091.03125	505077.6	5408436.3
L5080.0	505077.6	5408436.3	4919.00000	274.51	93.1	48.828885	-86.930815	56094.34	56251	-1.03	56093.31	56094.50391	56099.01132	56091.02344	505077.6	5408436.3
L5080.0	505077.6	5408434.9	4919.10010	275.83	90.53	48.828872	-86.930816	56094.39	56251	-1.03	56093.36	56094.57422	56099.01114	56091.03906	505077.6	5408434.9
L5080.0	505077.6	5408433.2	4919.20020	276.44	90.53	48.828857	-86.930816	56094.42	56251	-1.04	56093.38	56094.61719	56099.00514	56091.05078	505077.6	5408433.2
L5080.0	505077.6	5408432.1	4919.29981	276.02	90.23	48.828847	-86.930817	56094.44	56251	-1.04	56093.39	56094.64844	56098.99757	56091.06250	505077.6	5408432.1
L5080.0	505077.6	5408431.1	4919.39990	278.53	92.5	48.828837	-86.930817	56094.49	56251.1	-1.05	56093.44	56094.72266	56098.99939	56091.08203	505077.6	5408431.1
L5080.0	505077.5	5408429.9	4919.50000	277.05	92.77	48.828827	-86.930817	56094.49	56251.1	-1.06	56093.44	56094.74219	56098.98950	56091.08984	505077.5	5408429.9
L5080.0	505077.5	5408428.5	4919.60010	278.44	92.77	48.828814	-86.930817	56094.57	56251.1	-1.06	56093.51	56094.83203	56098.99466	56091.11328	505077.5	5408428.5
L5080.0	505077.5	5408428.5	4919.70020	277.94	97.9	48.828814	-86.930817	56094.59	56251.1	-1.07	56093.53	56094.87109	56098.98753	56091.12500	505077.5	5408428.5
L5080.0	505077.5	5408426.9	4919.79981	277.00	93.07	48.828800	-86.930817	56094.59	56251.1	-1.07	56093.52	56094.88281	56098.97257	56091.12500	505077.5	5408426.9
L5080.0	505077.5	5408425.5	4919.89990	275.44	93.07	48.828787	-86.930817	56094.67	56251.1	-1.08	56093.60	56094.98047	56098.97593	56091.14844	505077.5	5408425.5
L5080.0	505077.5	5408424.4	4920.00000	275.20	96.86	48.828778	-86.930818	56094.72	56251.1	-1.08	56093.64	56095.03906	56098.96925	56091.16016	505077.5	5408424.4
L5080.0	505077.5	5408422.6	4920.10010	275.15	96.86	48.828761	-86.930818	56094.72	56251.1	-1.08	56093.64	56095.05859	56098.95275	56091.16016	505077.5	5408422.6
L5080.0	505077.5	5408422.6	4920.20020	274.41	92.97	48.828761	-86.930818	56094.79	56251.1	-1.07	56093.72	56095.15625	56098.95235	56091.17969	505077.5	5408422.6
L5080.0	505077.5	5408420.7	4920.29981	275.45	93.58	48.828744	-86.930818	56094.82	56251.1	-1.07	56093.76	56095.21484	56098.94265	56091.18750	505077.5	5408420.7

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5080.0	505077.5	5408419.0	4920.39990	275.58	93.58	48.828729	-86.930818	56094.80	56251.1	-1.06	56093.74	56095.21484	56098.91975	56091.18359	505077.5	5408419.0
L5080.0	505077.5	5408419.0	4920.50000	275.58	93.63	48.828729	-86.930818	56094.85	56251.1	-1.06	56093.79	56095.28125	56098.91131	56091.19531	505077.5	5408419.0
L5080.0	505077.5	5408417.8	4920.60010	273.91	94.87	48.828718	-86.930818	56094.88	56251.1	-1.05	56093.82	56095.32813	56098.89818	56091.19922	505077.5	5408417.8
L5080.0	505077.5	5408416.3	4920.70020	275.83	87.56	48.828704	-86.930818	56094.94	56251	-1.04	56093.89	56095.41406	56098.89287	56091.21484	505077.5	5408416.3
L5080.0	505077.5	5408415.1	4920.79981	275.79	87.56	48.828694	-86.930818	56094.95	56251	-1.04	56093.90	56095.44141	56098.87450	56091.21484	505077.5	5408415.1
L5080.0	505077.5	5408413.7	4920.89990	276.16	87.7	48.828681	-86.930818	56094.95	56251	-1.03	56093.91	56095.46875	56098.85544	56091.21484	505077.5	5408413.7
L5080.0	505077.4	5408412.2	4921.00000	277.31	87.92	48.828668	-86.930819	56094.97	56251	-1.03	56093.94	56095.51563	56098.83976	56091.21875	505077.4	5408412.2
L5080.0	505077.4	5408412.2	4921.10010	278.28	91.72	48.828668	-86.930819	56095.02	56251	-1.03	56094.00	56095.58984	56098.82929	56091.22656	505077.4	5408412.2
L5080.0	505077.4	5408411.0	4921.20020	278.48	95.33	48.828657	-86.930819	56094.99	56251	-1.03	56093.97	56095.57813	56098.79910	56091.21875	505077.4	5408411.0
L5080.0	505077.4	5408409.4	4921.29981	275.86	95.33	48.828643	-86.930819	56095.05	56251	-1.02	56094.03	56095.65625	56098.78622	56091.22266	505077.4	5408409.4
L5080.0	505077.4	5408409.4	4921.39990	276.48	92.35	48.828643	-86.930819	56095.07	56251	-1.02	56094.05	56095.69141	56098.76368	56091.22266	505077.4	5408409.4
L5080.0	505077.4	5408407.5	4921.50000	276.14	94.71	48.828626	-86.930819	56095.09	56251	-1.02	56094.07	56095.72656	56098.73979	56091.21875	505077.4	5408407.5
L5080.0	505077.4	5408406.2	4921.60010	275.66	92.25	48.828614	-86.930819	56095.10	56251	-1.02	56094.08	56095.75391	56098.71284	56091.21094	505077.4	5408406.2
L5080.0	505077.4	5408404.9	4921.70020	275.38	92.25	48.828602	-86.930819	56095.15	56251	-1.02	56094.14	56095.82813	56098.69572	56091.21484	505077.4	5408404.9
L5080.0	505077.4	5408403.4	4921.79981	274.16	96.17	48.828589	-86.930819	56095.10	56251	-1.01	56094.09	56095.79688	56098.65574	56091.19531	505077.4	5408403.4
L5080.0	505077.4	5408402.0	4921.89990	274.99	96.17	48.828576	-86.930819	56095.17	56251	-1.01	56094.16	56095.88281	56098.64085	56091.19922	505077.4	5408402.0
L5080.0	505077.4	5408400.5	4922.00000	274.21	95.69	48.828563	-86.930820	56095.10	56251	-1.01	56094.09	56095.82813	56098.59740	56091.17578	505077.4	5408400.5
L5080.0	505077.4	5408400.5	4922.10010	273.02	95.69	48.828563	-86.930820	56095.20	56251	-1.01	56094.19	56095.94531	56098.58997	56091.19141	505077.4	5408400.5
L5080.0	505077.4	5408399.1	4922.20020	272.85	93.14	48.828550	-86.930820	56095.17	56251	-1.02	56094.15	56095.92188	56098.55443	56091.17578	505077.4	5408399.1
L5080.0	505077.3	5408397.2	4922.29981	274.52	84.97	48.828533	-86.930820	56095.18	56251	-1.03	56094.15	56095.94141	56098.52816	56091.16797	505077.3	5408397.2
L5080.0	505077.3	5408397.2	4922.39990	275.50	84.97	48.828533	-86.930820	56095.18	56251	-1.03	56094.15	56095.95703	56098.50275	56091.16406	505077.3	5408397.2
L5080.0	505077.3	5408395.7	4922.50000	275.87	85.06	48.828520	-86.930820	56095.17	56251	-1.04	56094.13	56095.95703	56098.47401	56091.15625	505077.3	5408395.7
L5080.0	505077.3	5408394.0	4922.60010	275.34	85.06	48.828505	-86.930820	56095.15	56251	-1.04	56094.11	56095.95313	56098.44597	56091.15234	505077.3	5408394.0
L5080.0	505077.3	5408392.8	4922.70020	276.44	91.42	48.828494	-86.930821	56095.13	56251	-1.04	56094.08	56095.94141	56098.41665	56091.14063	505077.3	5408392.8
L5080.0	505077.3	5408391.2	4922.79981	276.41	91.42	48.828479	-86.930821	56095.13	56251	-1.05	56094.08	56095.96094	56098.39392	56091.14063	505077.3	5408391.2
L5080.0	505077.3	5408391.2	4922.89990	276.48	95.16	48.828479	-86.930821	56095.22	56251.1	-1.06	56094.16	56096.05859	56098.38722	56091.15625	505077.3	5408391.2
L5080.0	505077.3	5408389.5	4923.00000	276.36	92.39	48.828464	-86.930821	56095.25	56251.1	-1.06	56094.19	56096.10938	56098.37086	56091.16016	505077.3	5408389.5
L5080.0	505077.3	5408388.3	4923.10010	275.90	92.85	48.828453	-86.930821	56095.31	56251.1	-1.06	56094.25	56096.18750	56098.36012	56091.17188	505077.3	5408388.3
L5080.0	505077.3	5408386.9	4923.20020	275.31	92.85	48.828440	-86.930821	56095.24	56251.1	-1.05	56094.19	56096.14844	56098.32692	56091.16016	505077.3	5408386.9
L5080.0	505077.3	5408386.9	4923.29981	274.78	92.32	48.828440	-86.930821	56095.18	56251	-1.05	56094.13	56096.10938	56098.29418	56091.14844	505077.3	5408386.9
L5080.0	505077.3	5408385.2	4923.39990	273.45	88.3	48.828425	-86.930821	56095.07	56251	-1.04	56094.03	56096.02734	56098.25492	56091.12891	505077.3	5408385.2
L5080.0	505077.3	5408384.0	4923.50000	274.04	91.4	48.828414	-86.930821	56095.04	56251	-1.04	56094.00	56096.01953	56098.22883	56091.12500	505077.3	5408384.0
L5080.0	505077.3	5408381.9	4923.60010	271.22	91.4	48.828395	-86.930820	56094.97	56251	-1.04	56093.94	56095.98438	56098.19799	56091.11719	505077.3	5408381.9
L5080.0	505077.3	5408381.9	4923.70020	270.97	89.67	48.828395	-86.930820	56094.97	56251	-1.03	56093.94	56096.00391	56098.17736	56091.11719	505077.3	5408381.9
L5080.0	505077.3	5408380.4	4923.79981	272.45	89.67	48.828382	-86.930820	56094.85	56251	-1.03	56093.82	56095.90625	56098.13742	56091.09766	505077.3	5408380.4
L5080.0	505077.4	5408378.8	4923.89990	272.28	88.71	48.828367	-86.930820	56094.88	56251	-1.02	56093.85	56095.96094	56098.12097	56091.10547	505077.4	5408378.8
L5080.0	505077.4	5408377.5	4924.00000	274.10	89.53	48.828356	-86.930820	56094.82	56251	-1.02	56093.80	56095.93750	56098.09090	56091.09766	505077.4	5408377.5
L5080.0	505077.4	5408377.5	4924.10010	273.82	92.15	48.828356	-86.930820	56094.79	56251	-1.02	56093.77	56095.92969	56098.06204	56091.08984	505077.4	5408377.5
L5080.0	505077.4	5408376.1	4924.20020	273.79	92.15	48.828343	-86.930820	56094.72	56251	-1.01	56093.71	56095.89453	56098.02668	56091.07422	505077.4	5408376.1
L5080.0	505077.4	5408374.6	4924.29981	273.20	91.48	48.828330	-86.930820	56094.70	56251	-1.01	56093.68	56095.89063	56097.99209	56091.06250	505077.4	5408374.6
L5080.0	505077.4	5408373.2	4924.39990	273.52	91.48	48.828317	-86.930820	56094.62	56251	-1.01	56093.61	56095.84766	56097.94808	56091.03906	505077.4	5408373.2
L5080.0	505077.4	5408371.8	4924.50000	273.18	98.47	48.828305	-86.930820	56094.57	56251	-1.00	56093.56	56095.82813	56097.90197	56091.01563	505077.4	5408371.8
L5080.0	505077.4	5408370.7	4924.60010	273.70	97.78	48.828294	-86.930820	56094.49	56251	-1.00	56093.49	56095.78516	56097.84838	56090.98438	505077.4	5408370.7
L5080.0	505077.4	5408370.7	4924.70020	271.76	97.78	48.828294	-86.930820	56094.46	56251	-1.00	56093.47	56095.79297	56097.79576	56090.95313	505077.4	5408370.7
L5080.0	505077.4	5408369.2	4924.79981	272.48	97.78	48.828281	-86.930820	56094.32	56251	-1.00	56093.32	56095.67578	56097.72288	56090.90234	505077.4	5408369.2
L5080.0	505077.4	5408367.9	4924.89990	272.73	97.28	48.828269	-86.930820	56094.26	56251	-0.99	56093.27	56095.65625	56097.65663	56090.85938	505077.4	5408367.9
L5080.0	505077.4	5408366.5	4925.00000	271.55	97.06	48.828257	-86.930820	56094.19	56251	-0.99	56093.20	56095.61719	56097.58296	56090.80469	505077.4	5408366.5
L5080.0	505077.4	5408366.5	4925.10010	271.32	96.95	48.828257	-86.930820	56094.12	56251	-0.99	56093.13	56095.57813	56097.50414	56090.75000	505077.4	5408366.5
L5080.0	505077.3	5408364.6	4925.20020	271.58	96.95	48.828239	-86.930820	56094.04	56251	-0.99	56093.05	56095.53125	56097.41879	56090.68359	505077.3	5408364.6
L5080.0	505077.3	5408363.6	4925.29981	272.22	86.87	48.828231	-86.930821	56094.01	56251	-0.99	56093.02	56095.53516	56097.33399	56090.62109	505077.3	5408363.6
L5080.0	505077.3	5408362.0	4925.39990	273.50	91.75	48.828216	-86.930821	56094.01	56251	-0.99	56093.02	56095.57031	56097.24756	56090.55469	505077.3	5408362.0
L5080.0	505077.3	5408360.6	4925.50000	272.63	95.91	48.828204	-86.930821	56094.04	56251	-0.99	56093.04	56095.62891	56097.15863	56090.48828	505077.3	5408360.6
L5080.0	505077.3	5408359.2	4925.60010	271.64	95.91	48.828191	-86.930821	56093.93	56251	-1.00	56092.94	56095.56641	56097.04930	56090.40234	505077.3	5408359.2
L5080.0	505077.3	5408359.2	4925.70020	273.54	98.43	48.828191	-86.930821	56093.82	56251	-1.00	56092.82	56095.48438	56096.93186	56090.30469	505077.3	5408359.2
L5080.0	505077.3	5408357.8	4925.79981	274.10	90.23	48.828178	-86.930821	56093.63	56251	-1.00	56092.64	56095.33984	56096.80046	56090.19531	505077.3	5408357.8
L5080.0	505077.3	5408356.4	4925.89990	275.33	99.39	48.828166	-86.930821	56093.43	56251	-1.00	56092.43	56095.17188	56096.65882	56090.07422	505077.3	5408356.4
L5080.0	505077.3	5408355.5	4926.00000	276.83	100.95	48.828158	-86.930821	56093.35	56251	-1.00	56092.35	56095.13281	56096.53176	56089.96875	505077.3	5408355.5
L5080.0	505077.3	5408354.0	4926.10010	276.79	100.95	48.828144	-86.930821	56093.23	56251	-1.00	56092.23	56095.05469	56096.39497	56089.85156	505077.3	5408354.0
L5080.0	505077.3	5408354.0	4926.20020	273.62	97.14	48.828144	-86.930821	56093.10	56251	-1.01	56092.09	56094.95703	56096.25185	56089.73047	505077.3	5408354.0
L5080.0	505077.3	5408352.6	4926.29981	270.89	90.69	48.828132	-86.930821	56093.00	56251	-1.01	56091.99	56094.90234	56096.11393	56089.61328	505077.3	5408352.6
L5080.0	505077.3	5408350.8	4926.39990	274.89	94.5	48.828116	-86.930821	56092.92	56251	-1.02	56091.90	56094.85547	56095.97752	56089.49609	505077.3	5408350.8
L5080.0	505077.3	5408349.6	4926.50000	275.31	94.5	48.828105	-86.930822	56092.83	56251	-1.02	56091.81	56094.81250	56095.84223	56089.38281	505077.3	5408349.6
L5080.0	505077.3	5408349.6	4926.60010	274.64	94.5	48.828105	-86.930822	56092.70	56251	-1.02	56091.67	56094.72266	56095.69912	56089.25781	505077.3	5408349.6
L5080.0	505077.3	5408348.2	4926.70020	276.74	91.57	48.828092	-86.930822	56092.57	56251	-1.03	56091.55	56094.64844	56095.56277	56089.14453	505077.3	5408348.2
L5080.0	505077.3	5408347.0	4926.79981	276.64	96.07	48.828081	-86.930822	56092.44	56251	-1.03	56091.41	56094.55859	56095.42589	56089.02734	505077.3	5408347.0
L5080.0	505077.3	5408345.7	4926.89990	277.12	99.44	48.828070	-86.930822	56092.31	56251	-1.04	56091.28	56094.48047	56095.29555	56088.91797	505077.3	5408345.7
L5080.0	505077.3	5408344.3	4927.00000	276.73	99.44	48.828057	-86.930822	56092.20	56251	-1.04	56091.15	56094.40234	56095.17008	56088.80859	505077.3	5408344.3
L5080.0	505077.3	5408344.3	4927.10010	277.38	97.2	48.828057	-86.930822	56092.04	56251	-1.04	56091.00	56094.30859	56095.04545	56088.70703	505077.3	5408344.3
L5080.0	505077.3	5408342.7	4927.20020	277.43	96.9	48.828043	-86.930822	56091.96	56251	-1.03	56090.93	56094.29297	56094.94371	56088.62500	505077.3	5408342.7
L5080.0	505077.3	5408341.6	4927.29981	278.29	101.63	48.828033	-86.930822	56091.75	56251	-1.03	56090.72	56094.13672	56094.81687	56088.51563	505077.3	5408341.6
L5080.0	505077.2	5408339.4	4927.39990	277.27	101.63	48.828013	-86.930822	56091.64	56251	-1.03	56090.61	56094.08594	56094.71668	56088.43359	505077.2	5408339.4
L5080.0	505077.2	5408339.4	4927.50000	276.75	102.09	48.828013	-86.930822	56091.45	56251	-1.03	56090.42	56093.95313	56094.60467	56088.34375	505077.2	5408339.4
L5080.0	505077.2	5408337.7	4927.60010	277.57	96.54	48.827997	-86.930822	56091.34	56251	-1.02	56090.32	56093.91406	56094.51606	56088.27344	505077.2	5408337.7
L5080.0	505077.2	5408336.5	4927.70020	275.77	89.96	48.827987	-86.930823	56091.16	56251	-1.02	56090.14	56093.79297	56094.41561	56088.19141	505077.2	5408336.5
L5080.0	505077.2	5408335.1	4927.79981	275.93	89.96	48.827975	-86.930823	56091.00	56251	-1.02	56089.98	56093.69531	56094.32311	56088.11719	505077.2	5408335.1
L5080.0	505077.2	5408334.0	4927.89990	274.21	88.04	48.827965	-86.930823	56090.82	56251	-1.01	56089.81	56093.58984	56094.23204	56088.04688	505077.2	5408334.0
L5080.0	505077.2	5408334.0	4928.00000	274.19	89.36	48.827965	-86.930823	56090.64	56251	-1.01	56089.63	56093.47266	56094.14201	56087.97266	505077.2	5408334.0
L5080.0	505077.2	5408332.8	4928.10010	273.32	89.36	48.827954	-86.930823	56090.42	56251	-1.01	56089.41	56093.32031	56094.04765	56087.89844	505077.2	5408332.8
L5080.0	505077.1	5408331.2	4928.20020	273.79	89.58	48.827940	-86.930824	56090.32	56251	-1.01	56089.31	56093.28906	56093.97306	56087.83984	505077.1	5408331.2
L5080.0	505077.1	5408329.7	4928.29981	272.85	86.44	48.827926	-86.930824	56090.17	56251	-1.00	56089.17	56093.21875	56093.89128	56087.77734	505077.1	5408329.7
L5080.0	505077.1	5408328.3	4928.39990	273.26	89.85	48.827913	-86.930824	56089.91	56251	-1.00	56088.90	56093.01563	56093.79096	56087.69531	505077.1	5408328.3
L5080.0	505077.1	5408328.3	4928.50000	274.75	89.85	48.827913	-86.930824	56089.79	56251	-1.00	56088.79	56092.98047	56093.70932	56087.62891	505077.1	5408328.3
L5080.0	505077.1	5408326.7	4928.60010	275.64	93.27	48.827899	-86.930824	56089.63	56251	-1.00	56088.64	56092.90234	56093.61894	56087.55469	505077.1	5408326.7
L5080.0	505077.1	5408325.6	4928.70020	270.59	91.34	48.827889	-86.930825	56089.38	56251	-1.00	56088.39	56092.72656	56093.51423	56087.46875	505077.1	5408325.6
L5080.0	505077.1	5408324.4	4928.79981	270.79	91.34	48.827878	-86.930825	56089.23	56251	-0.99	56088.24	56092.65234	56093.41508	56087.38672	505077.1	5408324.4
L5080.0	505077.1	5408323.2	4928.89990	269.28	97.27	48.827867	-86.930825	56089.03	56251	-0.99	56088.04	56092.52734	56093.30598	56087.29297	505077.1	5408323.2
L5080.0	505077.1	5408321.8	4929.00000	268.32	93.94	48.827855	-86.930825	56088.83	56251	-0.99	56087.84	56092.40625	56093.19126	56087.19531	505077.1	5408321.8
L5080.0	505077.1	5408320.7	4929.10010	269.34	93.94	48.827845	-86.930825	56088.63	56251	-0.99	56087.64	56092.28516	56093.07081	56087.08984	505077.1	5408320.7
L5080.0	505077.1	5408319.3	4929.20020	270.69	87.08	48.827832	-86.930825	56088.37	56251	-0.99	56087.38	56092.10938	56092.94067	56086.97656	505077.1	5408319.3
L5080.0	505077.1	5408319.3	4929.29981	271.39	90.5	48.827832	-86.930825	56088.24	56251	-0.99	56087.25	56092.06250	56092.81287	56086.86328	505077.1	5408319.3
L5080.0	505077.1	5408317.9	4929.39990	272.59	90.5	48.827819	-86.930825	56087.96	56251	-0.99	56086.97	56091.86328	56092.66965	56086.73828	505077.1	5408317.9
L5080.0	505077.1	5408316.5	4929.50000	270.94	89.48	48.827807	-86.930825	56087.79	56251	-0.99	56086.80	56091.78125	56092.52591	56086.60938	505077.1	5408316.5
L5080.0	505077.1	5408315.2	4929.60010	270.53	89.59	48.827795	-86.930825	56087.54	56251	-0.99	56086.55	56091.61719	56092.37203	56086.46875	505077.1	5408315.2

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5080.0	505077.1	5408313.8	4929.70020	270.57	89.59	48.827782	-86.930825	56087.31	56251	-0.99	56086.32	56091.47656	56092.21362	56086.32813	505077.1	5408313.8
L5080.0	505077.1	5408313.8	4929.79981	270.71	91.83	48.827782	-86.930825	56087.08	56251	-0.99	56086.09	56091.33594	56092.04984	56086.17578	505077.1	5408313.8
L5080.0	505077.1	5408312.2	4929.89990	271.31	91.83	48.827768	-86.930825	56086.88	56251	-0.99	56085.89	56091.22656	56091.88221	56086.02344	505077.1	5408312.2
L5080.0	505077.1	5408310.6	4930.00000	271.43	90.66	48.827754	-86.930824	56086.63	56251	-0.99	56085.64	56091.06641	56091.70675	56085.86328	505077.1	5408310.6
L5080.0	505077.1	5408309.5	4930.10010	271.72	90.66	48.827744	-86.930824	56086.40	56251	-0.99	56085.41	56090.92969	56091.52636	56085.69531	505077.1	5408309.5
L5080.0	505077.1	5408308.2	4930.20020	270.63	87.38	48.827732	-86.930824	56086.14	56251	-0.99	56085.16	56090.77734	56091.33918	56085.52344	505077.1	5408308.2
L5080.0	505077.1	5408307.0	4930.29981	270.31	99.34	48.827722	-86.930824	56085.91	56251	-0.98	56084.93	56090.64453	56091.14711	56085.34375	505077.1	5408307.0
L5080.0	505077.1	5408307.0	4930.39990	268.39	97.45	48.827722	-86.930824	56085.70	56251	-0.98	56084.72	56090.53125	56090.95070	56085.16016	505077.1	5408307.0
L5080.0	505077.2	5408305.4	4930.50000	269.62	97.45	48.827707	-86.930824	56085.43	56251	-0.98	56084.45	56090.35938	56090.74625	56084.96875	505077.2	5408305.4
L5080.0	505077.2	5408304.0	4930.60010	271.29	93.5	48.827694	-86.930824	56085.18	56251	-0.98	56084.21	56090.21875	56090.53877	56084.77344	505077.2	5408304.0
L5080.0	505077.2	5408304.0	4930.70020	272.05	93.5	48.827694	-86.930824	56084.90	56251	-0.98	56083.93	56090.04297	56090.32473	56084.57422	505077.2	5408304.0
L5080.0	505077.2	5408302.5	4930.79981	271.04	85.46	48.827681	-86.930824	56084.65	56251	-0.97	56083.67	56089.88672	56090.10769	56084.36719	505077.2	5408302.5
L5080.0	505077.2	5408301.2	4930.89990	271.08	87.67	48.827669	-86.930824	56084.33	56251	-0.97	56083.36	56089.67969	56089.88362	56084.15625	505077.2	5408301.2
L5080.0	505077.2	5408299.4	4931.00000	270.79	87.67	48.827653	-86.930824	56084.13	56251	-0.97	56083.15	56089.57422	56089.66259	56083.94922	505077.2	5408299.4
L5080.0	505077.2	5408298.0	4931.10010	272.29	86.36	48.827641	-86.930824	56083.82	56251	-0.97	56082.85	56089.38281	56089.43229	56083.73047	505077.2	5408298.0
L5080.0	505077.2	5408296.7	4931.20020	273.10	86.36	48.827629	-86.930824	56083.54	56251	-0.97	56082.57	56089.21094	56089.20041	56083.50781	505077.2	5408296.7
L5080.0	505077.2	5408296.7	4931.29981	274.09	85.44	48.827629	-86.930824	56083.29	56251	-0.97	56082.31	56089.06250	56088.96753	56083.28516	505077.2	5408296.7
L5080.0	505077.1	5408295.5	4931.39990	274.84	88.54	48.827618	-86.930824	56083.01	56251	-0.97	56082.03	56088.89453	56088.73092	56083.06250	505077.1	5408295.5
L5080.0	505077.1	5408294.2	4931.50000	273.82	95.04	48.827607	-86.930824	56082.78	56251	-0.98	56081.80	56088.77344	56088.49687	56082.83594	505077.1	5408294.2
L5080.0	505077.1	5408292.7	4931.60010	274.05	95.04	48.827593	-86.930824	56082.45	56251	-0.98	56081.47	56088.55859	56088.25289	56082.60547	505077.1	5408292.7
L5080.0	505077.1	5408292.7	4931.70020	273.11	94.38	48.827593	-86.930824	56082.20	56251	-0.98	56081.22	56088.42188	56088.01522	56082.37500	505077.1	5408292.7
L5080.0	505077.1	5408290.0	4931.79981	269.35	94.38	48.827569	-86.930824	56081.92	56251	-0.98	56080.94	56088.25781	56087.77436	56082.14453	505077.1	5408290.0
L5080.0	505077.1	5408290.0	4931.89990	271.30	90.2	48.827569	-86.930824	56081.66	56251	-0.98	56080.68	56088.11719	56087.53535	56081.91406	505077.1	5408290.0
L5080.0	505077.1	5408288.4	4932.00000	270.41	87.25	48.827554	-86.930824	56081.32	56251	-0.98	56080.34	56087.89453	56087.28855	56081.67969	505077.1	5408288.4
L5080.0	505077.1	5408287.0	4932.10010	270.96	87.25	48.827541	-86.930824	56081.08	56251	-0.98	56080.10	56087.77344	56087.05231	56081.44922	505077.1	5408287.0
L5080.0	505077.1	5408285.4	4932.20020	271.47	87.81	48.827528	-86.930824	56080.68	56251	-0.98	56079.71	56087.50781	56086.80112	56081.20703	505077.1	5408285.4
L5080.0	505077.1	5408284.2	4932.29981	272.57	92.03	48.827516	-86.930824	56080.45	56251	-0.97	56079.48	56087.39844	56086.56697	56080.98438	505077.1	5408284.2
L5080.0	505077.1	5408284.2	4932.39990	273.76	92.03	48.827516	-86.930824	56080.05	56251	-0.97	56079.07	56087.11328	56086.31292	56080.73828	505077.1	5408284.2
L5080.0	505077.1	5408282.9	4932.50000	271.86	83.42	48.827505	-86.930824	56079.72	56251	-0.97	56078.75	56086.91406	56086.06683	56080.50000	505077.1	5408282.9
L5080.0	505077.1	5408280.8	4932.60010	273.51	83.42	48.827486	-86.930825	56079.39	56251	-0.97	56078.42	56086.71094	56085.81828	56080.25781	505077.1	5408280.8
L5080.0	505077.1	5408280.8	4932.70020	273.38	84.6	48.827486	-86.930825	56079.08	56251	-0.97	56078.12	56086.53906	56085.57148	56080.01953	505077.1	5408280.8
L5080.0	505077.1	5408279.7	4932.79981	272.89	85.21	48.827476	-86.930825	56078.71	56251	-0.96	56077.75	56086.29297	56085.31502	56079.76953	505077.1	5408279.7
L5080.0	505077.1	5408276.7	4932.89990	272.93	85.21	48.827449	-86.930825	56078.40	56251	-0.96	56077.44	56086.11328	56085.06299	56079.52344	505077.1	5408276.7
L5080.0	505077.1	5408276.7	4933.00000	273.52	86.64	48.827449	-86.930825	56078.06	56251	-0.96	56077.10	56085.90234	56084.80423	56079.27344	505077.1	5408276.7
L5080.0	505077.1	5408274.8	4933.10010	273.12	86.64	48.827432	-86.930825	56077.70	56251	-0.96	56076.74	56085.67188	56084.53900	56079.01563	505077.1	5408274.8
L5080.0	505077.1	5408273.4	4933.20020	272.45	85.44	48.827419	-86.930825	56077.34	56251	-0.96	56076.38	56085.44531	56084.26910	56078.75000	505077.1	5408273.4
L5080.0	505077.1	5408273.4	4933.29981	271.96	85.44	48.827419	-86.930825	56076.98	56251	-0.97	56076.02	56085.21484	56083.99427	56078.48047	505077.1	5408273.4
L5080.0	505077.1	5408272.0	4933.39990	270.79	82.47	48.827406	-86.930825	56076.61	56251	-0.97	56075.64	56084.96875	56083.71225	56078.20313	505077.1	5408272.0
L5080.0	505077.1	5408270.8	4933.50000	273.23	86.36	48.827396	-86.930825	56076.20	56251	-0.97	56075.23	56084.69141	56083.42166	56077.91797	505077.1	5408270.8
L5080.0	505077.1	5408269.1	4933.60010	272.53	86.36	48.827380	-86.930826	56075.86	56251	-0.97	56074.88	56084.47656	56083.13370	56077.63672	505077.1	5408269.1
L5080.0	505077.1	5408269.1	4933.70020	271.91	86.45	48.827380	-86.930826	56075.45	56251	-0.97	56074.47	56084.20313	56082.83374	56077.34375	505077.1	5408269.1
L5080.0	505077.0	5408267.3	4933.79981	272.31	86.45	48.827364	-86.930826	56075.09	56251	-0.98	56074.11	56083.98047	56082.53596	56077.05078	505077.0	5408267.3
L5080.0	505077.0	5408267.3	4933.89990	271.59	84.02	48.827364	-86.930826	56074.69	56251	-0.98	56073.71	56083.71484	56082.22930	56076.74609	505077.0	5408267.3
L5080.0	505077.0	5408264.4	4934.00000	270.03	84.02	48.827339	-86.930826	56074.28	56251	-0.98	56073.30	56083.44531	56081.91828	56076.44141	505077.0	5408264.4
L5080.0	505077.0	5408264.4	4934.10010	268.89	88.52	48.827339	-86.930826	56073.82	56251	-0.98	56072.85	56083.13281	56081.59941	56076.12500	505077.0	5408264.4
L5080.0	505077.0	5408263.0	4934.20020	275.25	88.2	48.827326	-86.930826	56073.40	56251	-0.98	56072.42	56082.83984	56081.28207	56075.81250	505077.0	5408263.0
L5080.0	505077.0	5408261.6	4934.29981	275.94	88.2	48.827313	-86.930826	56073.02	56251	-0.97	56072.04	56082.60156	56080.97207	56075.50391	505077.0	5408261.6
L5080.0	505077.0	5408261.6	4934.39990	276.40	87.64	48.827313	-86.930826	56072.56	56251	-0.97	56071.59	56082.28906	56080.65295	56075.18750	505077.0	5408261.6
L5080.0	505077.0	5408259.5	4934.50000	274.87	87.64	48.827294	-86.930827	56072.13	56251	-0.97	56071.16	56082.00000	56080.33905	56074.87891	505077.0	5408259.5
L5080.0	505077.0	5408258.2	4934.60010	274.80	87.76	48.827283	-86.930827	56071.70	56251	-0.97	56070.74	56081.72266	56080.02992	56074.57031	505077.0	5408258.2
L5080.0	505077.0	5408256.9	4934.70020	275.32	87.79	48.827271	-86.930827	56071.27	56251	-0.97	56070.30	56081.42188	56079.72190	56074.26563	505077.0	5408256.9
L5080.0	505077.0	5408256.9	4934.79981	275.16	87.79	48.827271	-86.930827	56070.82	56251	-0.96	56069.86	56081.12500	56079.41902	56073.96484	505077.0	5408256.9
L5080.0	505076.9	5408255.1	4934.89990	274.73	79.19	48.827254	-86.930827	56070.36	56251	-0.96	56069.40	56080.80859	56079.11765	56073.66406	505076.9	5408255.1
L5080.0	505076.9	5408253.9	4935.00000	274.34	79.19	48.827244	-86.930827	56069.90	56251	-0.96	56068.94	56080.48828	56078.82034	56073.36719	505076.9	5408253.9
L5080.0	505076.9	5408253.9	4935.10010	275.10	80.11	48.827244	-86.930827	56069.45	56251	-0.96	56068.50	56080.19141	56078.52932	56073.07813	505076.9	5408253.9
L5080.0	505076.9	5408251.1	4935.20020	276.83	80.43	48.827218	-86.930828	56068.94	56251	-0.95	56067.99	56079.82422	56078.22956	56072.78125	505076.9	5408251.1
L5080.0	505076.9	5408250.1	4935.29981	276.21	80.43	48.827210	-86.930828	56068.46	56251	-0.95	56067.51	56079.48828	56077.93505	56072.48438	505076.9	5408250.1
L5080.0	505076.9	5408250.1	4935.39990	275.14	82.39	48.827210	-86.930828	56067.98	56250.9	-0.95	56067.03	56079.14844	56077.63955	56072.19141	505076.9	5408250.1
L5080.0	505076.9	5408248.4	4935.50000	274.13	86.19	48.827195	-86.930828	56067.48	56250.9	-0.94	56066.53	56078.79297	56077.33843	56071.89063	505076.9	5408248.4
L5080.0	505076.9	5408246.7	4935.60010	275.42	86.19	48.827179	-86.930828	56067.12	56250.9	-0.94	56066.18	56078.58594	56077.05519	56071.60547	505076.9	5408246.7
L5080.0	505076.9	5408245.4	4935.70020	273.20	81.16	48.827167	-86.930828	56066.74	56250.9	-0.94	56065.80	56078.34766	56076.76133	56071.31250	505076.9	5408245.4
L5080.0	505076.9	5408244.2	4935.79981	273.80	81.16	48.827157	-86.930828	56066.32	56250.9	-0.94	56065.38	56078.07031	56076.45364	56071.00391	505076.9	5408244.2
L5080.0	505077.0	5408242.8	4935.89990	273.44	85.93	48.827144	-86.930827	56066.01	56250.9	-0.93	56065.08	56077.91406	56076.15441	56070.70313	505077.0	5408242.8
L5080.0	505077.0	5408242.8	4936.00000	272.98	85.93	48.827144	-86.930827	56065.53	56250.9	-0.93	56064.60	56077.57813	56075.81763	56070.36328	505077.0	5408242.8
L5080.0	505077.0	5408240.6	4936.10010	271.76	82.29	48.827124	-86.930827	56065.00	56250.9	-0.93	56064.06	56077.17969	56075.45951	56070.00391	505077.0	5408240.6
L5080.0	505077.0	5408239.3	4936.20020	272.60	80.42	48.827112	-86.930827	56064.34	56250.9	-0.94	56063.40	56076.66016	56075.06913	56069.61328	505077.0	5408239.3
L5080.0	505077.0	5408239.3	4936.29981	272.95	80.42	48.827112	-86.930827	56063.76	56250.9	-0.94	56062.81	56076.21484	56074.67450	56069.21484	505077.0	5408239.3
L5080.0	505077.0	5408237.7	4936.39990	273.61	78.32	48.827098	-86.930826	56063.16	56251	-0.95	56062.21	56075.75391	56074.26263	56068.80078	505077.0	5408237.7
L5080.0	505077.1	5408236.6	4936.50000	275.21	78.32	48.827088	-86.930826	56062.70	56251	-0.96	56061.74	56075.42578	56073.85705	56068.39063	505077.1	5408236.6
L5080.0	505077.1	5408234.9	4936.60010	274.33	80.53	48.827073	-86.930825	56062.19	56251	-0.96	56061.23	56075.05469	56073.43000	56067.96094	505077.1	5408234.9
L5080.0	505077.1	5408234.9	4936.70020	275.62	80.53	48.827073	-86.930825	56061.82	56251	-0.97	56060.85	56074.81641	56073.01222	56067.53906	505077.1	5408234.9
L5080.0	505077.1	5408233.7	4936.79981	275.92	83.21	48.827062	-86.930825	56061.33	56251	-0.97	56060.36	56074.46484	56072.56120	56067.08594	505077.1	5408233.7
L5080.0	505077.2	5408232.3	4936.89990	276.53	83.21	48.827050	-86.930825	56060.85	56251	-0.98	56059.88	56074.12500	56072.09984	56066.62109	505077.2	5408232.3
L5080.0	505077.2	5408232.3	4937.00000	275.78	81.86	48.827050	-86.930825	56060.29	56251	-0.98	56059.31	56073.69141	56071.60958	56066.12500	505077.2	5408232.3
L5080.0	505077.2	5408230.8	4937.10010	275.60	78.8	48.827036	-86.930824	56059.66	56251	-0.98	56058.68	56073.19922	56071.09661	56065.60547	505077.2	5408230.8
L5080.0	505077.2	5408227.9	4937.20020	276.27	78.8	48.827010	-86.930824	56059.08	56251	-0.98	56058.10	56072.75391	56070.58754	56065.09375	505077.2	5408227.9
L5080.0	505077.2	5408227.9	4937.29981	277.41	78.42	48.827010	-86.930824	56058.50	56251	-0.98	56057.52	56072.30859	56070.07523	56064.57422	505077.2	5408227.9
L5080.0	505077.3	5408226.4	4937.39990	277.45	78.42	48.826996	-86.930823	56057.99	56251	-0.98	56057.02	56071.94531	56069.58281	56064.07813	505077.3	5408226.4
L5080.0	505077.3	5408225.0	4937.50000	277.41	80.22	48.826984	-86.930823	56057.38	56251	-0.98	56056.40	56071.45703	56069.06451	56063.55078	505077.3	5408225.0
L5080.0	505077.3	5408225.0	4937.60010	279.42	80.22	48.826984	-86.930823	56056.86	56251	-0.97	56055.88	56071.07031	56068.57813	56063.05859	505077.3	5408225.0
L5080.0	505077.3	5408223.6	4937.70020	280.22	79.08	48.826971	-86.930823	56056.29	56251	-0.97	56055.32	56070.64063	56068.09099	56062.56641	505077.3	5408223.6
L5080.0	505077.3	5408222.2	4937.79981	280.54	79.08	48.826959	-86.930823	56055.66	56251	-0.97	56054.69	56070.14063	56067.54602	56062.01172	505077.3	5408222.2
L5080.0	505077.3	5408222.2	4937.89990	279.27	77.86	48.826959	-86.930823	56055.06	56251	-0.97	56054.09	56069.66797	56067.09488	56061.55469	505077.3	5408222.2
L5080.0	505077.3	5408220.7	4938.00000	277.99	81.76	48.826945	-86.930822	56054.53	56251	-0.97	56053.56	56069.26563	56066.64808	56061.10156	505077.3	5408220.7
L5080.0	505077.3	5408219.3	4938.10010	279.04	81.76	48.826933	-86.930822	56053.87	56251	-0.97	56052.89	56068.72266	56066.23260	56060.67578	505077.3	5408219.3
L5080.0	505077.4	5408218.0	4938.20020	278.32	77.36	48.826921	-86.930822	56053.26	56251	-0.97	56052.29	56068.24609	56065.82370	56060.25781	505077.4	5408218.0
L5080.0	505077.4	5408216.2	4938.29981	279.34	77.36	48.826904	-86.930822	56052.63	56251	-0.98	56051.65	56067.73047	56065.43509	56059.86328	505077.4	5408216.2
L5080.0	505077.4	5408216.2	4938.39990	277.33	79.8	48.826904	-86.930822	56052.02	56251	-0.98	56051.04	56067.24219	56065.05994	56059.47656	505077.4	5408216.2
L5080.0	505077.4	5408214.6	4938.50000	279.14	79.8	48.826891	-86.930822	56051.39	56251	-0.98	56050.41	56066.73047	56064.70486	56059.11328	505077.4	5408214.6
L5080.0	505077.4	5408213.5	4938.60010	277.96	79.32	48.826880	-86.930822	56050.78	56251	-0.98	56049.80	56066.23828	56064.36628	56058.76563	505077.4	5408213.5
L5080.0	505077.4	5408213.5	4938.70020	278.16	79.32	48.826880	-86.930822	56050.08	56251	-0.98	56049.09	56065.64453	56064.05832	56058.44531	505077.4	5408213.5
L5080.0	505077.4	5408211.9	4938.79981	278.44	80.53	48.826866	-86.930821	56049.41	56251	-0.99	56048.43	56065.10156	56063.76477	56058.14063	505077.4	5408211.9
L5080.0	505077.4	5408210.5	4938.89990	278.94	81.56	48.826854	-86.930821	56048.76	56251	-0.99	56047.77	56064.55469	56063.49128	56057.85547	505077.4	5408210.5

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5080.0	505077.4	5408209.1	4939.00000	279.32	81.56	48.826841	-86.930821	56048.11	56251	-0.99	56047.12	56064.01563	56063.23642	56057.58984	505077.4	5408209.1
L5080.0	505077.4	5408209.1	4939.10010	278.25	80.69	48.826841	-86.930821	56047.44	56251	-0.99	56046.45	56063.45313	56063.00395	56057.34766	505077.4	5408209.1
L5080.0	505077.4	5408207.5	4939.20020	277.73	80.67	48.826827	-86.930821	56046.76	56251	-0.99	56045.78	56062.89063	56062.40001	56056.73047	505077.4	5408207.5
L5080.0	505077.4	5408206.0	4939.29981	276.76	80.67	48.826813	-86.930821	56046.15	56251	-0.98	56045.16	56062.37500	56062.17000	56056.48828	505077.4	5408206.0
L5080.0	505077.4	5408204.8	4939.39990	277.18	79.83	48.826802	-86.930821	56045.42	56251	-0.98	56044.44	56061.75781	56061.92914	56056.23438	505077.4	5408204.8
L5080.0	505077.4	5408203.2	4939.50000	278.10	79.83	48.826788	-86.930821	56044.79	56251	-0.98	56043.81	56061.23047	56061.72653	56056.01953	505077.4	5408203.2
L5080.0	505077.4	5408203.2	4939.60010	278.41	73.13	48.826788	-86.930821	56044.13	56251	-0.98	56043.15	56060.66797	56061.52952	56055.80859	505077.4	5408203.2
L5080.0	505077.4	5408201.9	4939.70020	278.50	76.01	48.826776	-86.930821	56043.45	56251	-0.98	56042.47	56060.08594	56061.33976	56055.60547	505077.4	5408201.9
L5080.0	505077.4	5408200.7	4939.79981	276.19	76.01	48.826766	-86.930821	56042.74	56251	-0.97	56041.76	56059.46875	56061.15433	56055.40625	505077.4	5408200.7
L5080.0	505077.4	5408199.4	4939.89990	276.84	75.7	48.826754	-86.930821	56042.08	56251	-0.97	56041.11	56058.91016	56060.99318	56055.23047	505077.4	5408199.4
L5080.0	505077.4	5408198.0	4940.00000	276.82	76.69	48.826741	-86.930821	56041.37	56251	-0.97	56040.40	56058.28906	56060.82773	56055.04688	505077.4	5408198.0
L5080.0	505077.4	5408198.0	4940.10010	275.83	78.44	48.826741	-86.930821	56040.72	56251	-0.97	56039.75	56057.72656	56060.68206	56054.88672	505077.4	5408198.0
L5080.0	505077.4	5408196.4	4940.20020	275.83	78.44	48.826727	-86.930822	56039.98	56251	-0.97	56039.01	56057.07031	56060.52192	56054.71094	505077.4	5408196.4
L5080.0	505077.4	5408195.1	4940.20020	274.72	80.64	48.826715	-86.930822	56039.38	56251	-0.97	56038.41	56056.55078	56060.39353	56054.56641	505077.4	5408195.1
L5080.0	505077.4	5408193.7	4940.39990	274.91	79.5	48.826703	-86.930822	56038.74	56251	-0.96	56037.78	56056.00000	56060.25895	56054.41406	505077.4	5408193.7
L5080.0	505077.4	5408192.8	4940.50000	273.64	77.51	48.826695	-86.930822	56038.09	56251	-0.96	56037.13	56055.42578	56060.11795	56054.25781	505077.4	5408192.8
L5080.0	505077.4	5408191.2	4940.60010	273.16	77.51	48.826680	-86.930822	56037.48	56251	-0.96	56036.52	56054.89063	56059.97931	56054.10156	505077.4	5408191.2
L5080.0	505077.4	5408191.2	4940.70020	272.75	76.63	48.826680	-86.930822	56036.87	56251	-0.96	56035.92	56054.35938	56059.83411	56053.94141	505077.4	5408191.2
L5080.0	505077.3	5408189.6	4940.79981	272.61	76.64	48.826666	-86.930823	56036.29	56251	-0.95	56035.33	56053.83984	56059.68013	56053.76953	505077.3	5408189.6
L5080.0	505077.3	5408189.6	4940.89990	272.36	76.64	48.826666	-86.930823	56035.66	56251	-0.95	56034.71	56053.28516	56059.50801	56053.57813	505077.3	5408189.6
L5080.0	505077.3	5408187.4	4941.00000	274.11	83.35	48.826645	-86.930823	56035.07	56250.9	-0.95	56034.12	56052.75781	56059.32695	56053.37891	505077.3	5408187.4
L5080.0	505077.3	5408186.2	4941.10010	275.69	83.35	48.826635	-86.930823	56034.48	56251	-0.95	56033.53	56052.22656	56059.13142	56053.16406	505077.3	5408186.2
L5080.0	505077.3	5408185.3	4941.20020	275.06	83.63	48.826627	-86.930823	56033.96	56251	-0.95	56033.01	56051.76172	56058.93298	56052.94531	505077.3	5408185.3
L5080.0	505077.3	5408183.8	4941.29981	275.71	77.82	48.826613	-86.930824	56033.33	56251	-0.96	56032.37	56051.17578	56058.69928	56052.69141	505077.3	5408183.8
L5080.0	505077.3	5408182.6	4941.39990	274.71	77.82	48.826602	-86.930824	56032.82	56251	-0.96	56031.86	56050.71875	56058.47396	56052.44531	505077.3	5408182.6
L5080.0	505077.2	5408181.5	4941.50000	273.57	83.67	48.826592	-86.930824	56032.29	56251	-0.96	56031.33	56050.23438	56058.23336	56052.18750	505077.2	5408181.5
L5080.0	505077.2	5408180.1	4941.60010	271.58	82.87	48.826580	-86.930824	56031.84	56251	-0.96	56030.88	56049.82813	56057.99684	56051.92969	505077.2	5408180.1
L5080.0	505077.2	5408180.1	4941.70020	273.09	83.39	48.826580	-86.930824	56031.28	56251	-0.96	56030.31	56049.30078	56057.73106	56051.64063	505077.2	5408180.1
L5080.0	505077.2	5408178.3	4941.79981	273.38	83.39	48.826564	-86.930825	56030.85	56251	-0.97	56029.88	56048.91016	56057.48239	56051.37109	505077.2	5408178.3
L5080.0	505077.2	5408177.1	4941.89990	274.43	83.87	48.826553	-86.930825	56030.30	56251	-0.97	56029.33	56048.39453	56057.20592	56051.07422	505077.2	5408177.1
L5080.0	505077.2	5408177.1	4942.00000	274.28	83.85	48.826553	-86.930825	56029.91	56251	-0.97	56028.94	56048.03516	56056.95404	56050.80078	505077.2	5408177.1
L5080.0	505077.2	5408175.6	4942.10010	275.54	83.85	48.826539	-86.930825	56029.46	56251	-0.97	56028.49	56047.61328	56056.68880	56050.51172	505077.2	5408175.6
L5080.0	505077.2	5408174.4	4942.20020	277.35	83.44	48.826529	-86.930825	56029.06	56251	-0.97	56028.08	56047.23047	56056.43059	56050.23438	505077.2	5408174.4
L5080.0	505077.1	5408172.8	4942.29981	276.06	77.67	48.826514	-86.930826	56028.68	56251	-0.98	56027.70	56046.87109	56056.18041	56049.96094	505077.1	5408172.8
L5080.0	505077.1	5408171.4	4942.39990	277.26	77.67	48.826502	-86.930826	56028.32	56251	-0.98	56027.34	56046.53125	56055.93891	56049.69531	505077.1	5408171.4
L5080.0	505077.1	5408171.4	4942.50000	276.19	79.4	48.826502	-86.930826	56027.99	56251	-0.98	56027.01	56046.21484	56055.71015	56049.44141	505077.1	5408171.4
L5080.0	505077.1	5408170.1	4942.60010	274.73	83.96	48.826490	-86.930826	56027.69	56251	-0.98	56026.71	56045.92969	56055.49642	56049.20703	505077.1	5408170.1
L5080.0	505077.1	5408168.7	4942.70020	276.37	79.03	48.826477	-86.930826	56027.48	56251	-0.98	56026.50	56045.72656	56055.31358	56049.00000	505077.1	5408168.7
L5080.0	505077.1	5408167.5	4942.79981	275.95	79.03	48.826467	-86.930826	56027.18	56251	-0.99	56026.19	56045.42188	56055.12419	56048.78516	505077.1	5408167.5
L5080.0	505077.1	5408166.1	4942.89990	276.35	78.28	48.826454	-86.930826	56026.93	56251	-0.99	56025.94	56045.17578	56054.96524	56048.60156	505077.1	5408166.1
L5080.0	505077.1	5408164.6	4943.00000	275.96	74.77	48.826440	-86.930826	56026.75	56251	-0.99	56025.76	56044.99219	56054.84173	56048.45703	505077.1	5408164.6
L5080.0	505077.1	5408163.6	4943.10010	276.98	77.29	48.826432	-86.930826	56026.63	56251	-0.99	56025.64	56044.86719	56054.75297	56048.34375	505077.1	5408163.6
L5080.0	505077.1	5408163.6	4943.20020	277.05	77.29	48.826432	-86.930826	56026.50	56251	-0.99	56025.51	56044.73047	56054.68480	56048.25000	505077.1	5408163.6
L5080.0	505077.1	5408162.1	4943.29981	275.74	78.31	48.826418	-86.930827	56026.38	56251	-0.99	56025.39	56044.60156	56054.64230	56048.18359	505077.1	5408162.1
L5080.0	505077.1	5408160.6	4943.39990	274.85	81.31	48.826405	-86.930827	56026.29	56251	-0.99	56025.30	56044.49609	56054.63097	56048.14453	505077.1	5408160.6
L5080.0	505077.1	5408159.2	4943.50000	274.53	81.31	48.826392	-86.930827	56026.30	56251	-0.99	56025.31	56044.48828	56054.66809	56048.15625	505077.1	5408159.2
L5080.0	505077.1	5408159.2	4943.60010	275.86	80.85	48.826392	-86.930827	56026.30	56251	-0.99	56025.31	56044.46484	56054.72992	56048.19531	505077.1	5408159.2
L5080.0	505077.1	5408156.3	4943.70020	276.29	80.85	48.826366	-86.930827	56026.30	56251	-0.99	56025.31	56044.44141	56054.82047	56048.25781	505077.1	5408156.3
L5080.0	505077.1	5408156.3	4943.79981	277.23	79.56	48.826366	-86.930827	56026.38	56251	-0.99	56025.39	56044.49219	56054.95872	56048.37109	505077.1	5408156.3
L5080.0	505077.1	5408154.7	4943.89990	277.19	79.56	48.826352	-86.930827	56026.42	56251	-0.99	56025.43	56044.50391	56055.11614	56048.50391	505077.1	5408154.7
L5080.0	505077.0	5408153.1	4944.00000	277.51	71.35	48.826337	-86.930827	56026.58	56251	-0.99	56025.59	56044.62891	56055.32848	56048.69141	505077.0	5408153.1
L5080.0	505077.0	5408153.1	4944.10010	278.11	76.99	48.826337	-86.930827	56026.73	56251	-0.99	56025.74	56044.73828	56055.56493	56048.90234	505077.0	5408153.1
L5080.0	505077.0	5408151.8	4944.20020	276.49	78.37	48.826325	-86.930827	56026.95	56251	-0.99	56025.96	56044.91797	56055.83828	56049.14844	505077.0	5408151.8
L5080.0	505077.0	5408150.3	4944.29981	278.16	78.37	48.826312	-86.930827	56027.18	56251	-0.99	56026.19	56045.10547	56056.13089	56049.41797	505077.0	5408150.3
L5080.0	505077.0	5408150.3	4944.39990	275.60	76.56	48.826312	-86.930827	56027.46	56251	-0.99	56026.47	56045.33594	56056.44753	56049.70703	505077.0	5408150.3
L5080.0	505077.0	5408147.3	4944.50000	275.12	76.56	48.826285	-86.930828	56027.79	56251	-0.99	56026.80	56045.61328	56056.78365	56050.01953	505077.0	5408147.3
L5080.0	505077.0	5408147.3	4944.60010	275.47	77.5	48.826285	-86.930828	56028.18	56251	-0.99	56027.19	56045.94922	56057.13644	56050.34375	505077.0	5408147.3
L5080.0	505077.0	5408145.7	4944.70020	275.97	73.02	48.826270	-86.930828	56028.55	56251	-0.99	56027.56	56046.26172	56057.48540	56050.66797	505077.0	5408145.7
L5080.0	505077.0	5408144.5	4944.79981	276.35	73.02	48.826259	-86.930828	56028.97	56251	-0.99	56027.98	56046.62109	56057.84113	56051.00000	505077.0	5408144.5
L5080.0	505077.0	5408144.5	4944.89990	276.84	77.94	48.826259	-86.930828	56029.41	56251	-0.99	56028.42	56047.00000	56058.19358	56051.32422	505077.0	5408144.5
L5080.0	505077.0	5408142.7	4945.00000	275.71	77.94	48.826244	-86.930828	56029.96	56251	-0.99	56028.97	56047.48047	56058.55803	56051.66406	505077.0	5408142.7
L5080.0	505077.0	5408141.4	4945.10010	275.32	74.93	48.826232	-86.930828	56030.49	56251	-0.99	56029.50	56047.94141	56058.90738	56051.98828	505077.0	5408141.4
L5080.0	505077.0	5408139.8	4945.20020	275.33	74.93	48.826217	-86.930828	56031.11	56251	-1.00	56030.11	56048.47656	56059.26279	56052.32031	505077.0	5408139.8
L5080.0	505077.0	5408139.8	4945.29981	273.47	74.19	48.826217	-86.930828	56031.71	56251	-1.00	56030.71	56049.00000	56059.60659	56052.63672	505077.0	5408139.8
L5080.0	505076.9	5408137.7	4945.39990	273.17	74.19	48.826199	-86.930829	56032.39	56251	-1.00	56031.39	56049.60156	56059.95828	56052.96484	505076.9	5408137.7
L5080.0	505076.9	5408136.3	4945.50000	274.64	73.61	48.826186	-86.930829	56033.07	56251	-1.00	56032.07	56050.19922	56060.30211	56053.28516	505076.9	5408136.3
L5080.0	505076.9	5408135.1	4945.60010	274.55	73.61	48.826175	-86.930829	56033.86	56251	-1.01	56032.85	56050.89453	56060.66445	56053.62109	505076.9	5408135.1
L5080.0	505076.9	5408133.9	4945.70020	275.21	72.19	48.826165	-86.930829	56034.62	56251	-1.01	56033.61	56051.56641	56061.02528	56053.96094	505076.9	5408133.9
L5080.0	505076.9	5408133.9	4945.79981	273.51	69.85	48.826165	-86.930829	56035.40	56251	-1.01	56034.39	56052.25781	56061.39711	56054.30859	505076.9	5408133.9
L5080.0	505076.9	5408132.3	4945.89990	275.67	69.87	48.826150	-86.930829	56036.19	56251	-1.02	56035.17	56052.94531	56061.78006	56054.66797	505076.9	5408132.3
L5080.0	505076.9	5408130.5	4946.00000	277.03	69.87	48.826134	-86.930829	56036.95	56251	-1.02	56035.93	56053.60547	56062.17394	56055.03906	505076.9	5408130.5
L5080.0	505076.9	5408129.4	4946.10010	277.08	75.46	48.826124	-86.930830	56037.76	56251	-1.02	56036.74	56054.32031	56062.59814	56055.43750	505076.9	5408129.4
L5080.0	505076.9	5408129.4	4946.20020	277.30	75.4	48.826124	-86.930830	56038.56	56251	-1.02	56037.55	56055.02734	56063.04498	56055.86328	505076.9	5408129.4
L5080.0	505076.9	5408127.6	4946.29981	277.79	75.4	48.826107	-86.930830	56039.47	56251	-1.01	56038.46	56055.83203	56063.54018	56056.33594	505076.9	5408127.6
L5080.0	505076.9	5408125.9	4946.39990	278.21	72.19	48.826093	-86.930830	56040.34	56251	-1.01	56039.33	56056.59766	56064.05575	56056.83203	505076.9	5408125.9
L5080.0	505076.9	5408125.9	4946.50000	278.11	71.98	48.826093	-86.930830	56041.27	56251	-1.01	56040.26	56057.41797	56064.61716	56057.37109	505076.9	5408125.9
L5080.0	505076.9	5408124.3	4946.60010	277.77	71.98	48.826078	-86.930830	56042.23	56251	-1.01	56041.23	56058.27344	56065.22214	56057.95703	505076.9	5408124.3
L5080.0	505076.9	5408123.4	4946.70020	276.54	72.36	48.826070	-86.930830	56043.17	56251	-1.01	56042.16	56059.08984	56065.85417	56058.56641	505076.9	5408123.4
L5080.0	505076.9	5408121.7	4946.79981	277.72	72.36	48.826055	-86.930830	56044.08	56251	-1.00	56043.07	56059.88281	56066.51563	56059.21094	505076.9	5408121.7
L5080.0	505076.9	5408121.7	4946.89990	277.14	76.64	48.826055	-86.930830	56045.14	56251	-1.00	56044.14	56060.83594	56067.24144	56059.91406	505076.9	5408121.7
L5080.0	505076.9	5408120.1	4947.00000	277.82	77.5	48.826040	-86.930830	56046.06	56251	-1.00	56045.06	56061.63672	56067.96092	56060.61719	505076.9	5408120.1
L5080.0	505076.9	5408118.2	4947.10010	277.47	77.5	48.826023	-86.930830	56047.06	56251	-1.00	56046.06	56062.51172	56068.71918	56061.35547	505076.9	5408118.2
L5080.0	505076.9	5408117.0	4947.20020	276.90	75.97	48.826013	-86.930830	56048.06	56251	-1.00	56047.06	56063.38672	56069.49103	56062.11328	505076.9	5408117.0
L5080.0	505076.9	5408117.0	4947.29981	277.28	78.29	48.826013	-86.930830	56049.16	56251	-1.00	56048.16	56064.35938	56070.28915	56062.89453	505076.9	5408117.0
L5080.0	505076.9	5408115.4	4947.39990	275.05	78.29	48.825998	-86.930830	56050.05	56251	-1.00	56049.06	56065.12891	56071.04891	56063.63672	505076.9	5408115.4
L5080.0	505076.9	5408113.7	4947.50000	274.63	72.02	48.825983	-86.930830	56051.19	56251	-0.99	56050.19	56066.12891	56071.84445	56064.41797	505076.9	5408113.7
L5080.0	505076.9	5408112.1	4947.60010	273.27	72.02	48.825968	-86.930830	56052.20	56251	-0.99	56051.21	56067.01563	56072.60711	56065.16406	505076.9	5408112.1
L5080.0	505076.9	5408112.1	4947.70020	272.69	69.16	48.825968	-86.930830	56053.34	56251	-0.99	56052.34	56068.01172	56073.37193	56065.91406	505076.9	5408112.1
L5080.0	505076.9	5408110.7	4947.79981	272.11	69.16	48.825955	-86.930830	56054.32	56251	-0.99	56053.33	56068.86719	56074.09414	56066.62500	505076.9	5408110.7
L5080.0	505076.9	5408108.8	4947.89990	271.86	69.74	48.825938	-86.930830	56055.41	56251	-0.99	56054.42	56069.81641	56074.81183	56067.32813	505076.9	5408108.8
L5080.0	505076.9	5408108.8	4948.00000	272.25	74.32	48.825938	-86.930830	56056.52	56251	-0.99	56055.53	56070.78906	56075.50947	56068.01563	505076.9	5408108.8
L5080.0	505076.9	5408107.2	4948.10010	272.30	74.32	48.825924	-86.930830	56057.62	56251	-0.99	56056.63	56071.74609	56076.18252	56068.67578	505076.9	5408107.2
L5080.0	505076.9	5408105.7	4948.20020	273.40	79.08	48.825911	-86.930829	56058.68	56251	-0.99	56057.68	56072.65234	56076.82561	56069.30859	505076.9	5408105.7

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5080.0	505076.9	5408104.2	4948.29981	271.86	79.11	48.825897	-86.930829	56059.79	56251	-1.00	56058.79	56073.62109	56077.45652	56069.92969	505076.9	5408104.2
L5080.0	505076.9	5408104.2	4948.39990	273.33	76.5	48.825897	-86.930829	56060.88	56251	-1.00	56059.88	56074.56250	56078.06428	56070.53125	505076.9	5408104.2
L5080.0	505076.9	5408102.6	4948.50000	267.90	76.5	48.825883	-86.930829	56061.96	56251	-1.00	56060.96	56075.49609	56078.65189	56071.10938	505076.9	5408102.6
L5080.0	505077.0	5408101.2	4948.60010	268.88	67.3	48.825870	-86.930829	56063.05	56251	-1.00	56062.05	56076.43750	56079.22633	56071.67578	505077.0	5408101.2
L5080.0	505077.0	5408099.6	4948.70020	275.19	66.28	48.825855	-86.930829	56064.14	56251	-1.00	56063.14	56077.37891	56079.78975	56072.23438	505077.0	5408099.6
L5080.0	505077.0	5408098.6	4948.79981	275.59	66.28	48.825847	-86.930829	56065.18	56251	-1.01	56064.17	56078.26172	56080.33508	56072.77344	505077.0	5408098.6
L5080.0	505077.0	5408098.6	4948.89990	276.52	78.43	48.825847	-86.930829	56066.29	56251	-1.01	56065.28	56079.21875	56080.88849	56073.32422	505077.0	5408098.6
L5080.0	505077.0	5408096.7	4949.00000	275.96	77.42	48.825829	-86.930829	56067.32	56251	-1.01	56066.31	56080.09766	56081.42482	56073.85547	505077.0	5408096.7
L5080.0	505077.0	5408095.5	4949.10010	276.13	77.06	48.825818	-86.930829	56068.39	56251	-1.01	56067.38	56081.01563	56081.96704	56074.39844	505077.0	5408095.5
L5080.0	505077.0	5408093.6	4949.20020	277.26	77.06	48.825802	-86.930829	56069.45	56251	-1.01	56068.44	56081.92188	56082.50803	56074.93750	505077.0	5408093.6
L5080.0	505077.0	5408093.6	4949.29981	275.40	75.9	48.825802	-86.930829	56070.46	56251	-1.01	56069.45	56082.77734	56083.04185	56075.47266	505077.0	5408093.6
L5080.0	505077.0	5408092.1	4949.39990	274.71	77.39	48.825789	-86.930829	56071.50	56251	-1.01	56070.49	56083.66016	56083.58622	56076.01563	505077.0	5408092.1
L5080.0	505077.0	5408090.7	4949.50000	274.25	72.76	48.825776	-86.930829	56072.56	56251	-1.01	56071.55	56084.56641	56084.14172	56076.57422	505077.0	5408090.7
L5080.0	505077.0	5408089.3	4949.60010	274.55	72.76	48.825763	-86.930829	56073.55	56251	-1.01	56072.54	56085.39844	56084.69092	56077.12500	505077.0	5408089.3
L5080.0	505077.0	5408089.3	4949.70020	274.55	67.86	48.825763	-86.930829	56074.58	56251	-1.01	56073.57	56086.26953	56085.25885	56077.69922	505077.0	5408089.3
L5080.0	505077.0	5408087.8	4949.79981	275.08	76.65	48.825750	-86.930829	56075.52	56251	-1.01	56074.51	56087.05469	56085.81628	56078.26172	505077.0	5408087.8
L5080.0	505077.0	5408086.2	4949.89990	277.46	74.21	48.825735	-86.930829	56076.56	56251	-1.01	56075.55	56087.93750	56086.40708	56078.85938	505077.0	5408086.2
L5080.0	505077.0	5408084.7	4950.00000	277.22	74.21	48.825722	-86.930829	56077.46	56251	-1.01	56076.45	56088.67969	56086.97540	56079.43359	505077.0	5408084.7
L5080.0	505077.0	5408084.7	4950.10010	276.77	66.62	48.825722	-86.930829	56078.50	56251	-1.01	56077.49	56089.56250	56087.58861	56080.05469	505077.0	5408084.7
L5080.0	505077.0	5408083.1	4950.20020	276.80	66.62	48.825708	-86.930829	56079.39	56251	-1.01	56078.38	56090.29297	56088.17522	56080.65234	505077.0	5408083.1
L5080.0	505076.9	5408081.2	4950.29981	276.79	70.36	48.825690	-86.930829	56080.36	56251	-1.01	56079.35	56091.10547	56088.79222	56081.27734	505076.9	5408081.2
L5080.0	505076.9	5408080.3	4950.39990	276.09	70.36	48.825682	-86.930830	56081.24	56251	-1.01	56080.23	56091.82422	56089.39626	56081.89453	505076.9	5408080.3
L5080.0	505076.9	5408078.8	4950.50000	277.05	75.35	48.825669	-86.930830	56082.22	56251	-1.01	56081.21	56092.64844	56090.03573	56082.54688	505076.9	5408078.8
L5080.0	505076.9	5408078.8	4950.60010	278.17	70.51	48.825669	-86.930830	56083.06	56251	-1.01	56082.05	56093.32813	56090.64844	56083.17578	505076.9	5408078.8
L5080.0	505076.9	5408077.4	4950.70020	279.13	70.51	48.825656	-86.930830	56084.00	56251	-1.01	56082.99	56094.11328	56091.29562	56083.83594	505076.9	5408077.4
L5080.0	505076.9	5408076.3	4950.79981	278.54	76.19	48.825646	-86.930830	56084.80	56251	-1.01	56083.79	56094.75391	56091.91105	56084.46875	505076.9	5408076.3
L5080.0	505076.9	5408075.1	4950.89990	278.21	76.19	48.825635	-86.930831	56085.71	56251	-1.01	56084.70	56095.50781	56092.55723	56085.13281	505076.9	5408075.1
L5080.0	505076.8	5408073.9	4951.00000	278.19	76.62	48.825624	-86.930831	56086.53	56251	-1.01	56085.52	56096.16797	56093.18036	56085.77344	505076.8	5408073.9
L5080.0	505076.8	5408072.5	4951.10010	278.21	76.62	48.825612	-86.930831	56087.36	56251	-1.01	56086.34	56096.83203	56093.80208	56086.41797	505076.8	5408072.5
L5080.0	505076.8	5408071.3	4951.20020	278.10	75.47	48.825601	-86.930831	56088.14	56251	-1.02	56087.13	56097.46484	56094.41352	56087.04688	505076.8	5408071.3
L5080.0	505076.8	5408069.7	4951.29981	278.35	70.32	48.825586	-86.930832	56088.95	56251	-1.02	56087.93	56098.10938	56095.02397	56087.67969	505076.8	5408069.7
L5080.0	505076.7	5408068.2	4951.39990	277.43	70.83	48.825574	-86.930832	56089.71	56251	-1.02	56088.69	56098.71484	56095.62049	56088.30078	505076.7	5408068.2
L5080.0	505076.7	5408068.2	4951.50000	277.30	72.88	48.825574	-86.930832	56090.46	56251	-1.03	56089.44	56099.30859	56096.21037	56088.91797	505076.7	5408068.2
L5080.0	505076.7	5408066.8	4951.60010	276.08	72.88	48.825561	-86.930833	56091.23	56251	-1.03	56090.20	56099.91406	56096.79813	56089.53125	505076.7	5408066.8
L5080.0	505076.7	5408065.3	4951.70020	276.50	72.1	48.825548	-86.930833	56091.96	56251	-1.03	56090.93	56100.49219	56097.37352	56090.13281	505076.7	5408065.3
L5080.0	505076.7	5408064.7	4951.79981	275.58	70.14	48.825542	-86.930833	56092.75	56251	-1.03	56091.72	56101.12891	56097.95884	56090.74609	505076.7	5408064.7
L5080.0	505076.7	5408063.0	4951.89990	275.11	71.63	48.825527	-86.930834	56093.43	56251	-1.04	56092.39	56101.64844	56098.50937	56091.32813	505076.7	5408063.0
L5080.0	505076.7	5408063.0	4952.00000	274.46	71.63	48.825527	-86.930834	56094.14	56251	-1.04	56093.10	56102.20703	56099.06466	56091.91406	505076.7	5408063.0
L5080.0	505076.6	5408061.4	4952.10010	274.33	74.12	48.825512	-86.930834	56094.80	56251	-1.04	56093.76	56102.71484	56099.60275	56092.48047	505076.6	5408061.4
L5080.0	505076.6	5408061.4	4952.20020	275.54	76.94	48.825512	-86.930834	56095.47	56251	-1.03	56094.44	56103.24609	56100.14130	56093.05469	505076.6	5408061.4
L5080.0	505076.6	5408059.2	4952.29981	277.19	76.96	48.825493	-86.930835	56096.09	56251	-1.03	56095.06	56103.71875	56100.66122	56093.60938	505076.6	5408059.2
L5080.0	505076.6	5408057.8	4952.39990	277.45	76.96	48.825480	-86.930835	56096.74	56251	-1.03	56095.71	56104.21875	56101.18507	56094.16797	505076.6	5408057.8
L5080.0	505076.5	5408056.4	4952.50000	275.95	77.08	48.825467	-86.930835	56097.35	56251	-1.03	56096.33	56104.69141	56101.69870	56094.71875	505076.5	5408056.4
L5080.0	505076.5	5408056.4	4952.60010	277.90	76.98	48.825467	-86.930835	56097.96	56251	-1.02	56096.93	56105.14844	56102.20466	56095.26172	505076.5	5408056.4
L5080.0	505076.5	5408053.6	4952.70020	277.99	70.21	48.825442	-86.930836	56098.54	56251	-1.02	56097.52	56105.59375	56102.70568	56095.80078	505076.5	5408053.6
L5080.0	505076.5	5408053.6	4952.79981	277.99	70.21	48.825442	-86.930836	56099.07	56251	-1.02	56098.05	56105.98047	56103.19028	56096.32422	505076.5	5408053.6
L5080.0	505076.5	5408051.5	4952.89990	277.11	69.9	48.825423	-86.930836	56099.66	56251	-1.01	56098.65	56106.43750	56103.69092	56096.86719	505076.5	5408051.5
L5080.0	505076.5	5408050.0	4953.00000	279.87	70.56	48.825410	-86.930836	56100.18	56251	-1.01	56099.17	56106.81641	56104.17227	56097.39063	505076.5	5408050.0
L5080.0	505076.5	5408050.0	4953.10010	278.16	70.68	48.825410	-86.930836	56100.74	56251	-1.01	56099.73	56107.23828	56104.66352	56097.92578	505076.5	5408050.0
L5080.0	505076.5	5408048.8	4953.20020	277.14	70.7	48.825399	-86.930836	56101.22	56251	-1.01	56100.21	56107.57813	56105.13661	56098.44141	505076.5	5408048.8
L5080.0	505076.5	5408047.2	4953.29981	278.14	70.7	48.825384	-86.930836	56101.75	56251	-1.01	56100.73	56107.96094	56105.62026	56098.96875	505076.5	5408047.2
L5080.0	505076.4	5408045.5	4953.39990	276.26	73.72	48.825369	-86.930837	56102.16	56251	-1.01	56101.15	56108.24609	56106.08286	56099.48047	505076.4	5408045.5
L5080.0	505076.4	5408045.5	4953.50000	277.33	76.82	48.825369	-86.930837	56102.69	56251	-1.01	56101.67	56108.63281	56106.57014	56100.01172	505076.4	5408045.5
L5080.0	505076.4	5408044.1	4953.60010	275.89	77.11	48.825357	-86.930837	56103.11	56251	-1.02	56102.10	56108.92969	56107.04058	56100.53125	505076.4	5408044.1
L5080.0	505076.4	5408042.9	4953.70020	274.79	77.11	48.825346	-86.930837	56103.55	56251	-1.02	56102.53	56109.22656	56107.51416	56101.05469	505076.4	5408042.9
L5080.0	505076.4	5408041.7	4953.79981	275.39	74.51	48.825335	-86.930837	56104.01	56251	-1.02	56102.99	56109.55469	56107.99485	56101.58594	505076.4	5408041.7
L5080.0	505076.4	5408040.5	4953.89990	275.31	74.55	48.825324	-86.930838	56104.43	56251	-1.02	56103.41	56109.84766	56108.46739	56102.10938	505076.4	5408040.5
L5080.0	505076.4	5408039.0	4954.00000	274.11	76.35	48.825311	-86.930838	56104.87	56251	-1.02	56103.85	56110.16016	56108.94217	56102.63672	505076.4	5408039.0
L5080.0	505076.4	5408037.7	4954.10010	272.53	76.35	48.825299	-86.930838	56105.24	56251	-1.02	56104.22	56110.40234	56109.40256	56103.14844	505076.4	5408037.7
L5080.0	505076.3	5408036.1	4954.20020	273.91	76.35	48.825285	-86.930838	56105.68	56251	-1.02	56104.65	56110.70703	56109.86968	56103.66797	505076.3	5408036.1
L5080.0	505076.3	5408036.1	4954.29981	273.43	66.37	48.825285	-86.930838	56106.03	56251	-1.03	56105.00	56110.93359	56110.32090	56104.17578	505076.3	5408036.1
L5080.0	505076.3	5408034.5	4954.39990	273.20	66.37	48.825270	-86.930838	56106.41	56251	-1.03	56105.38	56111.19531	56110.77277	56104.67969	505076.3	5408034.5
L5080.0	505076.3	5408032.7	4954.50000	273.43	66.94	48.825254	-86.930838	56106.73	56251	-1.03	56105.70	56111.39453	56111.21277	56105.17578	505076.3	5408032.7
L5080.0	505076.3	5408032.7	4954.60010	274.29	66.94	48.825254	-86.930838	56107.07	56251	-1.03	56106.03	56111.60547	56111.64973	56105.67188	505076.3	5408032.7
L5080.0	505076.4	5408031.3	4954.70020	273.94	78.53	48.825242	-86.930838	56107.41	56251	-1.03	56106.38	56111.83594	56112.08366	56106.16406	505076.4	5408031.3
L5080.0	505076.3	5408029.9	4954.79981	271.33	78.64	48.825228	-86.930838	56107.79	56251	-1.04	56106.76	56112.10156	56112.51436	56106.65234	505076.3	5408029.9
L5080.0	505076.3	5408028.4	4954.89990	270.75	68.03	48.825216	-86.930838	56108.16	56251	-1.04	56107.12	56112.34766	56112.93626	56107.13281	505076.3	5408028.4
L5080.0	505076.3	5408027.4	4955.00000	273.20	68.03	48.825207	-86.930838	56108.63	56251	-1.04	56107.59	56112.70313	56113.35961	56107.61328	505076.3	5408027.4
L5080.0	505076.3	5408026.0	4955.10010	267.99	72.78	48.825194	-86.930838	56109.00	56251	-1.04	56107.97	56112.97266	56113.76793	56108.08203	505076.3	5408026.0
L5080.0	505076.3	5408026.0	4955.20020	270.38	76.54	48.825194	-86.930838	56109.34	56251	-1.04	56108.31	56113.20313	56114.16649	56108.54297	505076.3	5408026.0
L5080.0	505076.3	5408023.8	4955.29981	274.73	76.54	48.825174	-86.930839	56109.49	56251	-1.03	56108.46	56113.24609	56114.54778	56108.98438	505076.3	5408023.8
L5080.0	505076.3	5408022.6	4955.39990	274.88	72.68	48.825163	-86.930839	56109.70	56251	-1.03	56108.67	56113.35156	56114.92795	56109.42578	505076.3	5408022.6
L5080.0	505076.2	5408021.3	4955.50000	271.05	72.68	48.825151	-86.930840	56109.84	56251	-1.03	56108.81	56113.38672	56115.29995	56109.86328	505076.2	5408021.3
L5080.0	505076.2	5408020.1	4955.60010	271.79	74.72	48.825141	-86.930840	56110.08	56251	-1.03	56109.05	56113.52344	56115.67112	56110.29688	505076.2	5408020.1
L5080.0	505076.2	5408018.7	4955.70020	271.41	75.27	48.825128	-86.930840	56110.25	56251	-1.03	56109.22	56113.58984	56116.03358	56110.72266	505076.2	5408018.7
L5080.0	505076.2	5408018.7	4955.79981	270.15	75.27	48.825128	-86.930840	56110.58	56251	-1.02	56109.55	56113.82031	56116.39554	56111.14844	505076.2	5408018.7
L5080.0	505076.2	5408017.3	4955.89990	270.41	76.22	48.825115	-86.930840	56110.89	56251	-1.02	56109.87	56114.03906	56116.75063	56111.56641	505076.2	5408017.3
L5080.0	505076.2	5408015.9	4956.00000	268.36	72.69	48.825103	-86.930841	56111.26	56251	-1.02	56110.24	56114.31250	56117.10079	56111.98047	505076.2	5408015.9
L5080.0	505076.2	5408014.8	4956.10010	270.30	72.69	48.825093	-86.930841	56111.59	56251	-1.02	56110.57	56114.54688	56117.44390	56112.39063	505076.2	5408014.8
L5080.0	505076.2	5408014.8	4956.20020	269.10	76.68	48.825093	-86.930841	56111.79	56251	-1.02	56110.76	56114.64453	56117.77835	56112.78906	505076.2	5408014.8
L5080.0	505076.2	5408013.4	4956.29981	269.58	74.54	48.825081	-86.930841	56111.84	56251	-1.02	56110.82	56114.60938	56118.10506	56113.17969	505076.2	5408013.4
L5080.0	505076.2	5408011.6	4956.39990	270.27	74.54	48.825065	-86.930841	56112.07	56251	-1.02	56111.05	56114.75000	56118.42992	56113.57031	505076.2	5408011.6
L5080.0	505076.2	5408010.5	4956.50000	271.13	74.54	48.825055	-86.930841	56112.15	56251	-1.02	56111.12	56114.73047	56118.74574	56113.95313	505076.2	5408010.5
L5080.0	505076.2	5408009.2	4956.60010	269.56	81.08	48.825042	-86.930841	56112.36	56251	-1.03	56111.33	56114.85156	56119.05791	56114.33203	505076.2	5408009.2
L5080.0	505076.2	5408009.2	4956.70020	268.06	81.18	48.825042	-86.930841	56112.57	56251	-1.03	56111.55	56114.98438	56119.36361	56114.70313	505076.2	5408009.2
L5080.0	505076.2	5408007.5	4956.79981	268.35	74.29	48.825028	-86.930841	56112.76	56251	-1.03	56111.73	56115.07813	56119.66104	56115.06641	505076.2	5408007.5
L5080.0	505076.2	5408005.4	4956.89990	269.02	74.29	48.825008	-86.930840	56112.98	56251	-1.03	56111.95	56115.21484	56119.95082	56115.42578	505076.2	5408005.4
L5080.0	505076.2	5408005.4	4957.00000	272.17	77.07	48.825008	-86.930840	56113.21	56251	-1.03	56112.18	56115.36328	56120.23101	56115.76953	505076.2	5408005.4
L5080.0	505076.2	5408004.3	4957.10010	273.10	77.13	48.824998	-86.930840	56113.43	56251	-1.03	56112.40	56115.50391	56120.50008	56116.10547	505076.2	5408004.3
L5080.0	505076.3	5408003.1	4957.20020	273.38	77.13	48.824988	-86.930840	56113.66	56251	-1.03	56112.63	56115.65234	56120.75751	56116.42969	505076.3	5408003.1
L5080.0	505076.3	5408001.3	4957.29981	273.04	78.5	48.824972	-86.930839	56113.82	56251	-1.03	56112.79	56115.73438	56120.99954	56116.73828	505076.3	5408001.3
L5080.0	505076.3	5408001.3	4957.39990	271.97	81.33	48.824972	-86.930839	56114.02	56251	-1.03	56112.99	56115.85547	56121.22865	56117.03516	505076.3	5408001.3
L5080.0	505076.3	5408000.1	4957.50000	271.80	81.33	48.824961	-86.930839	56114.20	56251	-1.03	56113.17	56115.96094	56121.44232	56117.31641	505076.3	5408000.1

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5080.0	505076.3	5407998.6	4957.60010	269.86	68.36	48.824947	-86.930839	56114.42	56251	-1.03	56113.39	56116.10938	56121.64391	56117.58203	505076.3	5407998.6
L5080.0	505076.4	5407997.5	4957.70020	270.21	80.89	48.824937	-86.930838	56114.61	56251	-1.03	56113.58	56116.22656	56121.82959	56117.83594	505076.4	5407997.5
L5080.0	505076.4	5407997.5	4957.79981	269.96	80.89	48.824937	-86.930838	56114.81	56251	-1.03	56113.78	56116.35156	56122.00208	56118.07422	505076.4	5407997.5
L5080.0	505076.4	5407994.1	4957.89990	270.88	78.67	48.824907	-86.930838	56114.96	56251	-1.03	56113.93	56116.43359	56122.15642	56118.29297	505076.4	5407994.1
L5080.0	505076.4	5407992.9	4958.00000	272.68	78.67	48.824896	-86.930837	56115.14	56251	-1.03	56114.11	56116.54297	56122.30064	56118.50391	505076.4	5407992.9
L5080.0	505076.4	5407992.9	4958.10010	272.22	81.91	48.824896	-86.930837	56115.33	56251	-1.03	56114.30	56116.66797	56122.43345	56118.70313	505076.4	5407992.9
L5080.0	505076.5	5407991.3	4958.20020	272.66	81.91	48.824881	-86.930837	56115.49	56251	-1.03	56114.46	56116.76172	56122.55164	56118.88672	505076.5	5407991.3
L5080.0	505076.5	5407991.3	4958.29981	272.67	83.43	48.824881	-86.930837	56115.64	56251	-1.03	56114.60	56116.83594	56122.65760	56119.05469	505076.5	5407991.3
L5080.0	505076.5	5407989.9	4958.39990	277.86	83.43	48.824869	-86.930837	56115.82	56251	-1.03	56114.79	56116.96094	56122.76513	56119.23047	505076.5	5407989.9
L5080.0	505076.5	5407988.5	4958.50000	276.40	81.33	48.824856	-86.930837	56115.96	56251	-1.04	56114.93	56117.03906	56122.86018	56119.38672	505076.5	5407988.5
L5080.0	505076.5	5407987.2	4958.60010	276.62	80.49	48.824844	-86.930836	56116.15	56251	-1.04	56115.11	56117.15625	56122.96272	56119.55469	505076.5	5407987.2
L5080.0	505076.5	5407985.6	4958.70020	278.01	80.49	48.824831	-86.930836	56116.34	56251	-1.04	56115.31	56117.29688	56123.07344	56119.72656	505076.5	5407985.6
L5080.0	505076.5	5407985.6	4958.79981	278.00	83.36	48.824831	-86.930836	56116.50	56251	-1.04	56115.46	56117.38672	56123.17921	56119.89844	505076.5	5407985.6
L5080.0	505076.6	5407983.8	4958.89990	279.12	83.36	48.824814	-86.930836	56116.65	56251	-1.04	56115.61	56117.48047	56123.29391	56120.07422	505076.6	5407983.8
L5080.0	505076.6	5407982.4	4959.00000	277.90	82.86	48.824802	-86.930835	56116.84	56251	-1.04	56115.80	56117.61328	56123.43219	56120.27344	505076.6	5407982.4
L5080.0	505076.6	5407981.3	4959.10010	279.65	82.86	48.824791	-86.930835	56116.98	56251	-1.04	56115.94	56117.69531	56123.66751	56120.57031	505076.6	5407981.3
L5080.0	505076.6	5407979.9	4959.20020	279.04	82.31	48.824779	-86.930835	56117.18	56251	-1.04	56116.14	56117.84375	56123.85035	56120.81250	505076.6	5407979.9
L5080.0	505076.6	5407979.9	4959.29981	280.19	81.96	48.824779	-86.930835	56117.35	56251	-1.04	56116.31	56117.95703	56124.06113	56121.08594	505076.6	5407979.9
L5080.0	505076.7	5407978.5	4959.39990	281.56	81.96	48.824766	-86.930834	56117.56	56251	-1.04	56116.52	56118.11719	56124.29302	56121.37500	505076.7	5407978.5
L5080.0	505076.7	5407977.1	4959.50000	280.78	76.44	48.824754	-86.930834	56117.74	56251	-1.04	56116.70	56118.24609	56124.55435	56121.69922	505076.7	5407977.1
L5080.0	505076.7	5407976.0	4959.60010	280.31	76.44	48.824744	-86.930834	56117.92	56251	-1.04	56116.88	56118.37500	56124.84153	56122.04297	505076.7	5407976.0
L5080.0	505076.7	5407974.0	4959.70020	277.91	82.23	48.824726	-86.930834	56118.12	56251	-1.04	56117.08	56118.52344	56125.15228	56122.41016	505076.7	5407974.0
L5080.0	505076.7	5407972.9	4959.79981	280.17	83.23	48.824716	-86.930833	56118.26	56251	-1.04	56117.22	56118.61719	56125.49471	56122.81250	505076.7	5407972.9
L5080.0	505076.7	5407972.9	4959.89990	278.61	82.67	48.824716	-86.930833	56118.45	56251	-1.04	56117.41	56118.75781	56125.66822	56123.04297	505076.7	5407972.9
L5080.0	505076.7	5407971.2	4960.00000	279.20	82.67	48.824700	-86.930833	56118.67	56251	-1.04	56117.63	56118.93359	56126.03789	56123.46875	505076.7	5407971.2
L5080.0	505076.7	5407971.2	4960.10010	276.97	86.58	48.824700	-86.930833	56118.83	56251	-1.04	56117.79	56119.04688	56126.40466	56123.89063	505076.7	5407971.2
L5080.0	505076.8	5407969.4	4960.20020	275.57	86.58	48.824685	-86.930833	56119.07	56251	-1.04	56118.04	56119.25000	56126.80168	56124.33984	505076.8	5407969.4
L5080.0	505076.8	5407967.8	4960.29981	275.22	89.81	48.824670	-86.930833	56119.25	56251	-1.03	56118.22	56119.38672	56127.18537	56124.77734	505076.8	5407967.8
L5080.0	505076.8	5407966.4	4960.39990	274.72	89.81	48.824657	-86.930833	56119.43	56251	-1.03	56118.40	56119.52344	56127.56851	56125.21484	505076.8	5407966.4
L5080.0	505076.8	5407966.4	4960.50000	276.89	88.24	48.824657	-86.930833	56119.67	56251	-1.03	56118.64	56119.72266	56127.96009	56125.65625	505076.8	5407966.4
L5080.0	505076.8	5407964.5	4960.60010	274.62	88.24	48.824641	-86.930833	56119.86	56251	-1.03	56118.83	56119.87109	56128.33337	56126.08203	505076.8	5407964.5
L5080.0	505076.8	5407963.4	4960.70020	273.18	85.26	48.824630	-86.930833	56120.09	56251	-1.03	56119.06	56120.06250	56128.70368	56126.50391	505076.8	5407963.4
L5080.0	505076.8	5407963.4	4960.79981	271.47	85.26	48.824630	-86.930833	56120.29	56251	-1.02	56119.27	56120.23047	56129.05741	56126.90625	505076.8	5407963.4
L5080.0	505076.8	5407961.7	4960.89990	271.59	84.77	48.824615	-86.930833	56120.52	56251	-1.02	56119.49	56120.41406	56129.39875	56127.29688	505076.8	5407961.7
L5080.0	505076.8	5407960.3	4961.00000	273.58	83.43	48.824603	-86.930833	56120.77	56251	-1.02	56119.75	56120.63672	56129.73108	56127.67969	505076.8	5407960.3
L5080.0	505076.7	5407958.6	4961.10010	272.84	83.43	48.824588	-86.930834	56120.95	56251	-1.02	56119.93	56120.77734	56130.03100	56128.02734	505076.7	5407958.6
L5080.0	505076.7	5407958.6	4961.20020	272.90	86.28	48.824588	-86.930834	56121.20	56251	-1.02	56120.18	56120.99219	56130.32493	56128.36719	505076.7	5407958.6
L5080.0	505076.7	5407956.5	4961.29981	273.06	86.28	48.824569	-86.930834	56121.41	56251	-1.02	56120.38	56121.15625	56130.59300	56128.67969	505076.7	5407956.5
L5080.0	505076.7	5407955.2	4961.39990	274.02	87.02	48.824557	-86.930834	56121.63	56251	-1.02	56120.61	56121.35156	56130.84993	56128.98438	505076.7	5407955.2
L5080.0	505076.7	5407953.7	4961.50000	276.00	87.02	48.824543	-86.930834	56121.92	56251	-1.02	56120.89	56121.59766	56131.10170	56129.27734	505076.7	5407953.7
L5080.0	505076.7	5407952.2	4961.60010	275.25	87.02	48.824529	-86.930835	56122.11	56251	-1.03	56121.09	56121.76563	56131.32792	56129.54688	505076.7	5407952.2
L5080.0	505076.7	5407952.2	4961.70020	275.54	90.76	48.824529	-86.930835	56122.39	56251	-1.03	56121.36	56122.00391	56131.55854	56129.82031	505076.7	5407952.2
L5080.0	505076.7	5407950.5	4961.79981	275.21	91.1	48.824515	-86.930835	56122.57	56251	-1.03	56121.54	56122.15234	56131.76722	56130.07031	505076.7	5407950.5
L5080.0	505076.6	5407949.1	4961.89990	276.44	91.1	48.824502	-86.930835	56122.82	56251	-1.03	56121.80	56122.37891	56131.98905	56130.33594	505076.6	5407949.1
L5080.0	505076.6	5407947.9	4962.00000	276.64	82.8	48.824491	-86.930836	56123.05	56251	-1.03	56122.02	56122.57031	56132.20547	56130.58984	505076.6	5407947.9
L5080.0	505076.6	5407947.9	4962.10010	275.97	82.8	48.824491	-86.930836	56123.33	56251	-1.03	56122.30	56122.82031	56132.44075	56130.86719	505076.6	5407947.9
L5080.0	505076.6	5407946.3	4962.20020	276.73	80.55	48.824477	-86.930836	56123.48	56251	-1.03	56122.45	56122.94141	56132.65881	56131.12109	505076.6	5407946.3
L5080.0	505076.6	5407944.9	4962.29981	277.51	83.19	48.824464	-86.930836	56123.76	56251	-1.03	56122.73	56123.19531	56132.91561	56131.41797	505076.6	5407944.9
L5080.0	505076.5	5407943.4	4962.39990	279.02	83.19	48.824451	-86.930837	56123.98	56251	-1.03	56122.95	56123.38672	56133.17414	56131.71094	505076.5	5407943.4
L5080.0	505076.5	5407943.4	4962.50000	277.56	86.14	48.824451	-86.930837	56124.27	56251	-1.02	56123.24	56123.64844	56133.46138	56132.03516	505076.5	5407943.4
L5080.0	505076.5	5407942.1	4962.60010	278.82	86.14	48.824439	-86.930837	56124.54	56251	-1.02	56123.51	56123.89453	56133.75703	56132.36719	505076.5	5407942.1
L5080.0	505076.5	5407940.7	4962.70020	278.41	83.37	48.824427	-86.930837	56124.77	56251	-1.02	56123.74	56124.09766	56134.05613	56132.69922	505076.5	5407940.7
L5080.0	505076.5	5407940.7	4962.79981	276.10	91.24	48.824427	-86.930837	56125.06	56251	-1.02	56124.03	56124.36328	56134.37845	56133.05469	505076.5	5407940.7
L5080.0	505076.5	5407938.6	4962.89990	274.75	91.24	48.824408	-86.930838	56125.30	56251	-1.02	56124.28	56124.58984	56134.70045	56133.41016	505076.5	5407938.6
L5080.0	505076.4	5407937.2	4963.00000	273.88	95.21	48.824395	-86.930838	56125.58	56251	-1.02	56124.56	56124.84766	56135.03462	56133.77734	505076.4	5407937.2
L5080.0	505076.4	5407936.0	4963.10010	272.24	95.21	48.824384	-86.930838	56125.84	56251	-1.02	56124.82	56125.08203	56135.36749	56134.14063	505076.4	5407936.0
L5080.0	505076.4	5407934.8	4963.20020	271.69	96.14	48.824374	-86.930838	56126.09	56251	-1.02	56125.07	56125.31250	56135.69824	56134.50391	505076.4	5407934.8
L5080.0	505076.4	5407934.8	4963.29981	274.77	96.14	48.824374	-86.930838	56126.36	56251	-1.01	56125.35	56125.57031	56136.03244	56134.86719	505076.4	5407934.8
L5080.0	505076.4	5407933.5	4963.39990	273.25	96.81	48.824362	-86.930839	56126.58	56251	-1.01	56125.57	56125.76953	56136.34942	56135.21094	505076.4	5407933.5
L5080.0	505076.4	5407932.1	4963.50000	275.55	92.38	48.824349	-86.930839	56126.88	56251	-1.01	56125.86	56126.03906	56136.67299	56135.56250	505076.4	5407932.1
L5080.0	505076.4	5407930.7	4963.60010	275.12	92.38	48.824336	-86.930839	56127.13	56251	-1.01	56126.12	56126.27734	56136.98012	56135.89844	505076.4	5407930.7
L5080.0	505076.4	5407930.7	4963.70020	274.06	90.75	48.824336	-86.930839	56127.45	56251	-1.01	56126.44	56126.58203	56137.28733	56136.23438	505076.4	5407930.7
L5080.0	505076.4	5407929.1	4963.79981	273.56	90.75	48.824322	-86.930839	56127.70	56251	-1.00	56126.70	56126.82031	56137.57150	56136.54297	505076.4	5407929.1
L5080.0	505076.4	5407927.4	4963.89990	274.19	93.64	48.824307	-86.930839	56128.00	56251	-1.00	56127.00	56127.10547	56137.85294	56136.85156	505076.4	5407927.4
L5080.0	505076.4	5407926.0	4964.00000	274.04	93.64	48.824294	-86.930839	56128.27	56251	-1.00	56127.27	56127.35547	56138.11976	56137.14063	505076.4	5407926.0
L5080.0	505076.4	5407924.6	4964.10010	273.91	96.66	48.824282	-86.930839	56128.62	56251	-1.00	56127.62	56127.69141	56138.39839	56137.44531	505076.4	5407924.6
L5080.0	505076.4	5407924.6	4964.20020	274.31	88.5	48.824282	-86.930839	56128.88	56251	-1.00	56127.88	56127.93359	56138.65528	56137.72656	505076.4	5407924.6
L5080.0	505076.4	5407922.8	4964.29981	275.17	94.54	48.824265	-86.930839	56129.25	56251	-1.00	56128.25	56128.28906	56138.93860	56138.03125	505076.4	5407922.8
L5080.0	505076.4	5407921.3	4964.39990	275.89	94.54	48.824252	-86.930839	56129.48	56251	-1.00	56128.48	56128.50391	56139.19443	56138.30859	505076.4	5407921.3
L5080.0	505076.4	5407920.1	4964.50000	277.22	92.55	48.824241	-86.930839	56129.84	56251	-1.00	56128.84	56128.85156	56139.48555	56138.62109	505076.4	5407920.1
L5080.0	505076.4	5407920.1	4964.60010	277.61	92.55	48.824241	-86.930839	56130.16	56251	-1.00	56129.16	56129.15625	56139.77357	56138.92969	505076.4	5407920.1
L5080.0	505076.4	5407918.7	4964.70020	278.22	89.8	48.824228	-86.930839	56130.51	56251	-1.00	56129.51	56129.49609	56140.07588	56139.25391	505076.4	5407918.7
L5080.0	505076.4	5407917.3	4964.79981	277.65	87	48.824216	-86.930839	56130.72	56251	-1.00	56129.72	56129.69141	56140.35231	56139.55078	505076.4	5407917.3
L5080.0	505076.4	5407915.9	4964.89990	278.20	87	48.824204	-86.930839	56131.07	56251	-1.00	56130.07	56130.03125	56140.67216	56139.89063	505076.4	5407915.9
L5080.0	505076.4	5407914.3	4965.00000	279.53	86.61	48.824189	-86.930839	56131.37	56251	-1.00	56130.37	56130.32031	56140.98920	56140.22656	505076.4	5407914.3
L5080.0	505076.4	5407914.3	4965.10010	278.80	82.38	48.824189	-86.930839	56131.75	56251	-1.00	56130.75	56130.69141	56141.33743	56140.59375	505076.4	5407914.3
L5080.0	505076.4	5407912.8	4965.20020	280.19	85.9	48.824175	-86.930839	56132.05	56251	-1.00	56131.04	56130.96875	56141.67429	56140.94922	505076.4	5407912.8
L5080.0	505076.4	5407911.2	4965.29981	278.96	84.46	48.824161	-86.930839	56132.39	56251	-1.00	56131.38	56131.30078	56142.03509	56141.32422	505076.4	5407911.2
L5080.0	505076.4	5407910.0	4965.39990	278.52	84.46	48.824150	-86.930840	56132.69	56251	-1.00	56131.69	56131.60156	56142.40091	56141.71094	505076.4	5407910.0
L5080.0	505076.4	5407910.0	4965.50000	276.73	86.17	48.824150	-86.930840	56133.04	56251	-1.01	56132.03	56131.93359	56142.78523	56142.10938	505076.4	5407910.0
L5080.0	505076.3	5407908.4	4965.60010	276.02	86.98	48.824135	-86.930840	56133.44	56251	-1.01	56132.43	56132.32813	56143.19386	56142.53516	505076.3	5407908.4
L5080.0	505076.3	5407907.0	4965.70020	275.16	86.98	48.824123	-86.930840	56133.78	56251	-1.01	56132.77	56132.66016	56143.59549	56142.95313	505076.3	5407907.0
L5080.0	505076.3	5407907.0	4965.79981	274.67	81.23	48.824123	-86.930840	56134.20	56251	-1.01	56133.20	56133.08203	56144.02530	56143.39844	505076.3	5407907.0
L5080.0	505076.3	5407903.9	4965.89990	275.12	81.23	48.824095	-86.930841	56134.56	56251	-1.01	56133.55	56133.42969	56144.44051	56143.82813	505076.3	5407903.9
L5080.0	505076.3	5407902.4	4966.00000	274.47	93.36	48.824082	-86.930841	56134.93	56251	-1.01	56133.92	56133.79297	56144.86374	56144.26563	505076.3	5407902.4
L5080.0	505076.3	5407902.4	4966.10010	274.62	93.36	48.824082	-86.930841	56135.32	56251	-1.01	56134.31	56134.17969	56145.29309	56144.71094	505076.3	5407902.4
L5080.0	505076.3	5407901.0	4966.20020	274.12	91.75	48.824069	-86.930841	56135.68	56251	-1.00	56134.68	56134.54297	56145.71763	56145.15234	505076.3	5407901.0
L5080.0	505076.3	5407901.0	4966.29981	275.83	91.75	48.824069	-86.930841	56136.07	56251	-1.00	56135.08	56134.94141	56146.14706	56145.59375	505076.3	5407901.0
L5080.0	505076.2	5407898.4	4966.39990	276.28	93.91	48.824046	-86.930841	56136.48	56251	-0.99	56135.48	56135.33984	56146.57307	56146.03516	505076.2	5407898.4
L5080.0	505076.2	5407898.4	4966.50000	275.31	89.3	48.824046	-86.930841	56136.88	56251	-0.99	56135.89	56135.74609	56146.99603	56146.47266	505076.2	5407898.4
L5080.0	505076.2	5407896.7	4966.60010	276.77	89.3	48.824031	-86.930841	56137.32	56251	-0.99	56136.33	56136.18359	56147.41850	56146.90625	505076.2	5407896.7
L5080.0	505076.2	5407895.5	4966.70020	276.87	88.64	48.824020	-86.930841	56137.70	56251	-0.98	56136.72	56136.57422	56147.82192	56147.32422	505076.2	5407895.5
L5080.0	505076.2	5407893.8	4966.79981	276.45	88.64	48.824005	-86.930841	56138.11	56251	-0.98	56137.13	56136.98438	56148.22229	56147.73828	505076.2	5407893.8

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5080.0	505076.2	5407892.4	4966.89990	276.30	90.83	48.823992	-86.930841	56138.55	56251	-0.97	56137.58	56137.43359	56148.62334	56148.15234	505076.2	5407892.4
L5080.0	505076.2	5407892.4	4967.00000	277.66	87.55	48.823992	-86.930841	56138.86	56251	-0.97	56137.89	56137.74609	56148.98753	56148.52734	505076.2	5407892.4
L5080.0	505076.3	5407890.7	4967.10010	277.80	87.55	48.823976	-86.930841	56139.31	56251	-0.97	56138.34	56138.19531	56149.37969	56148.93359	505076.3	5407890.7
L5080.0	505076.3	5407889.3	4967.20020	276.24	88.35	48.823964	-86.930841	56139.70	56251	-0.97	56138.73	56138.58594	56149.75835	56149.32422	505076.3	5407889.3
L5080.0	505076.3	5407889.3	4967.29981	277.59	88.35	48.823964	-86.930841	56140.13	56251	-0.97	56139.16	56139.01953	56150.15052	56149.73047	505076.3	5407889.3
L5080.0	505076.3	5407886.4	4967.39990	276.48	89.94	48.823938	-86.930841	56140.53	56251	-0.97	56139.57	56139.43359	56150.54534	56150.13672	505076.3	5407886.4
L5080.0	505076.3	5407886.4	4967.50000	276.48	89.94	48.823938	-86.930841	56140.98	56251	-0.97	56140.02	56139.88672	56150.95866	56150.56250	505076.3	5407886.4
L5080.0	505076.3	5407884.8	4967.60010	275.30	94.27	48.823923	-86.930841	56141.38	56251	-0.96	56140.42	56140.28906	56151.37110	56150.98828	505076.3	5407884.8
L5080.0	505076.3	5407883.4	4967.70020	275.25	94.27	48.823911	-86.930841	56141.79	56251	-0.96	56140.82	56140.69531	56151.79445	56151.42578	505076.3	5407883.4
L5080.0	505076.3	5407881.7	4967.79981	276.05	90.98	48.823896	-86.930841	56142.18	56251	-0.96	56141.22	56141.09766	56152.23033	56151.87500	505076.3	5407881.7
L5080.0	505076.3	5407881.7	4967.89990	277.09	84.72	48.823896	-86.930841	56142.68	56251	-0.96	56141.72	56141.60547	56152.70309	56152.35938	505076.3	5407881.7
L5080.0	505076.3	5407879.8	4968.00000	277.38	88.72	48.823878	-86.930841	56143.06	56251	-0.96	56142.10	56141.99219	56153.16292	56152.83203	505076.3	5407879.8
L5080.0	505076.3	5407878.3	4968.10010	277.37	88.72	48.823865	-86.930840	56143.46	56251	-0.96	56142.50	56142.39844	56153.64381	56153.32422	505076.3	5407878.3
L5080.0	505076.3	5407878.3	4968.20020	278.42	83.91	48.823865	-86.930840	56143.91	56251	-0.96	56142.95	56142.85547	56154.15436	56153.84766	505076.3	5407878.3
L5080.0	505076.3	5407876.9	4968.29981	275.73	83.91	48.823852	-86.930840	56144.33	56251	-0.96	56143.37	56143.28125	56154.67866	56154.38672	505076.3	5407876.9
L5080.0	505076.3	5407875.4	4968.39990	275.24	84.72	48.823839	-86.930840	56144.75	56251	-0.96	56143.79	56143.70703	56155.22514	56154.94531	505076.3	5407875.4
L5080.0	505076.3	5407875.4	4968.50000	276.08	84.72	48.823839	-86.930840	56145.26	56251	-0.96	56144.30	56144.22656	56155.81201	56155.54688	505076.3	5407875.4
L5080.0	505076.4	5407873.3	4968.60010	276.29	86.81	48.823820	-86.930840	56145.69	56251	-0.96	56144.73	56144.66406	56156.40420	56156.15234	505076.4	5407873.3
L5080.0	505076.4	5407872.2	4968.70020	277.20	85.19	48.823810	-86.930840	56146.09	56251	-0.96	56145.13	56145.07422	56157.01282	56156.77344	505076.4	5407872.2
L5080.0	505076.4	5407870.6	4968.79981	276.96	85.19	48.823796	-86.930840	56146.61	56251	-0.96	56145.65	56145.60547	56157.66246	56157.43750	505076.4	5407870.6
L5080.0	505076.4	5407869.2	4968.89990	278.14	84.6	48.823783	-86.930839	56147.02	56251	-0.96	56146.06	56146.02344	56158.31199	56158.09766	505076.4	5407869.2
L5080.0	505076.4	5407869.2	4969.00000	276.27	83.85	48.823783	-86.930839	56147.54	56251	-0.96	56146.58	56146.55469	56158.99417	56158.79688	505076.4	5407869.2
L5080.0	505076.4	5407867.8	4969.10010	276.94	83.85	48.823770	-86.930839	56147.96	56251	-0.96	56147.00	56146.98438	56159.67625	56159.49219	505076.4	5407867.8
L5080.0	505076.4	5407867.8	4969.20020	274.71	85.74	48.823770	-86.930839	56148.47	56251	-0.96	56147.51	56147.50391	56160.38047	56160.21094	505076.4	5407867.8
L5080.0	505076.4	5407864.6	4969.29981	273.07	85.74	48.823742	-86.930839	56148.88	56251	-0.96	56147.92	56147.92578	56161.08294	56160.92578	505076.4	5407864.6
L5080.0	505076.4	5407864.6	4969.39990	271.92	86.33	48.823742	-86.930839	56149.34	56251	-0.96	56148.38	56148.39844	56161.79700	56161.65625	505076.4	5407864.6
L5080.0	505076.4	5407863.3	4969.50000	265.13	88.34	48.823730	-86.930839	56149.81	56251	-0.96	56148.85	56148.87891	56162.51494	56162.38672	505076.4	5407863.3
L5080.0	505076.4	5407861.6	4969.60010	265.75	88.34	48.823715	-86.930839	56150.35	56251	-0.95	56149.39	56149.42969	56163.23589	56163.12500	505076.4	5407861.6
L5080.0	505076.5	5407860.2	4969.70020	269.08	87.01	48.823702	-86.930839	56150.77	56251	-0.95	56149.82	56149.87500	56163.94869	56163.85156	505076.5	5407860.2
L5080.0	505076.5	5407860.2	4969.79981	269.76	84.89	48.823702	-86.930839	56151.28	56251	-0.95	56150.33	56150.39453	56164.65756	56164.57422	505076.5	5407860.2
L5080.0	505076.5	5407858.3	4969.89990	270.30	84.89	48.823685	-86.930838	56151.73	56251	-0.95	56150.78	56150.85938	56165.35531	56165.28906	505076.5	5407858.3
L5080.0	505076.5	5407856.9	4970.00000	269.08	84.07	48.823672	-86.930838	56152.29	56250.9	-0.95	56151.34	56151.42969	56166.03849	56165.98828	505076.5	5407856.9
L5080.0	505076.5	5407856.9	4970.10010	268.75	85.84	48.823672	-86.930838	56152.74	56250.9	-0.95	56151.79	56151.89453	56166.70478	56166.67188	505076.5	5407856.9
L5080.0	505076.5	5407855.3	4970.20020	268.75	85.84	48.823658	-86.930838	56153.31	56250.9	-0.94	56152.37	56152.48828	56167.34699	56167.32813	505076.5	5407855.3
L5080.0	505076.5	5407853.8	4970.20020	267.13	81.71	48.823645	-86.930838	56153.78	56250.9	-0.94	56152.84	56152.97266	56167.96949	56167.96875	505076.5	5407853.8
L5080.0	505076.5	5407852.4	4970.39990	260.13	83.28	48.823632	-86.930838	56154.29	56250.9	-0.93	56153.35	56153.49609	56168.56660	56168.58203	505076.5	5407852.4
L5080.0	505076.5	5407851.2	4970.50000	259.92	83.28	48.823622	-86.930838	56154.85	56250.9	-0.93	56153.92	56154.07813	56169.13699	56169.16797	505076.5	5407851.2
L5080.0	505076.5	5407851.2	4970.60010	267.60	82.16	48.823622	-86.930838	56155.39	56250.9	-0.93	56154.47	56154.64063	56169.68328	56169.73438	505076.5	5407851.2
L5080.0	505076.6	5407849.5	4970.70020	266.96	82.43	48.823606	-86.930838	56155.94	56250.9	-0.92	56155.02	56155.20703	56170.20361	56170.26953	505076.6	5407849.5
L5080.0	505076.6	5407848.2	4970.79981	268.96	82.43	48.823594	-86.930837	56156.52	56250.9	-0.92	56155.60	56155.80078	56170.69694	56170.78125	505076.6	5407848.2
L5080.0	505076.6	5407846.7	4970.89990	267.62	85.8	48.823581	-86.930837	56157.07	56250.9	-0.91	56156.16	56156.37500	56171.16644	56171.26953	505076.6	5407846.7
L5080.0	505076.6	5407845.3	4971.00000	268.26	86.96	48.823568	-86.930837	56157.63	56250.9	-0.91	56156.72	56156.94922	56171.61247	56171.73438	505076.6	5407845.3
L5080.0	505076.6	5407845.3	4971.10010	267.37	86.96	48.823568	-86.930837	56158.21	56250.9	-0.91	56157.30	56157.54297	56172.03598	56172.17578	505076.6	5407845.3
L5080.0	505076.6	5407843.4	4971.20020	268.75	91.51	48.823551	-86.930837	56158.76	56250.9	-0.91	56157.84	56158.09766	56172.44059	56172.59766	505076.6	5407843.4
L5080.0	505076.6	5407841.9	4971.29981	269.10	91.44	48.823538	-86.930837	56159.45	56250.9	-0.92	56158.53	56158.80078	56172.82752	56173.00391	505076.6	5407841.9
L5080.0	505076.6	5407840.4	4971.39990	270.55	91.44	48.823524	-86.930837	56159.98	56250.9	-0.92	56159.06	56159.34375	56173.20084	56173.39844	505076.6	5407840.4
L5080.0	505076.6	5407840.4	4971.50000	271.98	91.44	48.823524	-86.930837	56160.64	56250.9	-0.92	56159.72	56160.01953	56173.56329	56173.78125	505076.6	5407840.4
L5080.0	505076.6	5407839.0	4971.60010	269.42	91.83	48.823512	-86.930837	56161.18	56250.9	-0.92	56160.25	56160.56250	56173.90974	56174.14453	505076.6	5407839.0
L5080.0	505076.6	5407837.3	4971.70020	270.32	86.14	48.823497	-86.930837	56161.85	56250.9	-0.92	56160.92	56161.24609	56174.25174	56174.50781	505076.6	5407837.3
L5080.0	505076.6	5407837.3	4971.79981	271.27	92.76	48.823497	-86.930837	56162.46	56250.9	-0.93	56161.53	56161.87109	56174.58320	56174.85938	505076.6	5407837.3
L5080.0	505076.6	5407835.6	4971.89990	271.32	92.76	48.823481	-86.930836	56163.07	56250.9	-0.93	56162.14	56162.49609	56174.90768	56175.20313	505076.6	5407835.6
L5080.0	505076.6	5407835.6	4972.00000	272.79	92.73	48.823481	-86.930836	56163.68	56250.9	-0.93	56162.75	56163.11719	56175.22725	56175.54297	505076.6	5407835.6
L5080.0	505076.7	5407832.1	4972.10010	273.00	92.73	48.823449	-86.930836	56164.32	56250.9	-0.93	56163.40	56163.78125	56175.54933	56175.88672	505076.7	5407832.1
L5080.0	505076.7	5407830.6	4972.20020	273.73	80.44	48.823436	-86.930836	56164.97	56250.9	-0.92	56164.04	56164.43359	56175.87103	56176.23047	505076.7	5407830.6
L5080.0	505076.7	5407830.6	4972.29981	274.54	81.41	48.823436	-86.930836	56165.57	56250.9	-0.92	56164.64	56165.04688	56176.18924	56176.57031	505076.7	5407830.6
L5080.0	505076.7	5407828.7	4972.39990	275.92	81.41	48.823419	-86.930836	56166.31	56250.9	-0.92	56165.39	56165.81250	56176.54226	56176.94531	505076.7	5407828.7
L5080.0	505076.7	5407827.5	4972.50000	275.16	83.35	48.823408	-86.930836	56166.93	56250.9	-0.92	56166.01	56166.44531	56176.88011	56177.30469	505076.7	5407827.5
L5080.0	505076.7	5407827.5	4972.60010	276.03	83.35	48.823408	-86.930836	56167.67	56250.9	-0.91	56166.76	56167.20703	56177.25976	56177.70703	505076.7	5407827.5
L5080.0	505076.7	5407825.8	4972.70020	277.21	79.91	48.823393	-86.930836	56168.34	56250.9	-0.91	56167.43	56167.89063	56177.63707	56178.10547	505076.7	5407825.8
L5080.0	505076.7	5407824.4	4972.79981	276.48	79.91	48.823380	-86.930836	56169.13	56250.9	-0.91	56168.22	56168.69141	56179.04855	56179.53906	505076.7	5407824.4
L5080.0	505076.7	5407823.2	4972.89990	279.35	85.75	48.823369	-86.930836	56169.82	56250.9	-0.90	56168.92	56169.40234	56179.47322	56179.98828	505076.7	5407823.2
L5080.0	505076.7	5407823.2	4973.00000	280.06	82.43	48.823369	-86.930836	56170.63	56250.9	-0.90	56169.72	56170.21484	56179.91555	56180.45313	505076.7	5407823.2
L5080.0	505076.7	5407821.5	4973.10010	281.67	82.43	48.823354	-86.930836	56171.36	56250.9	-0.90	56170.46	56170.96875	56180.39353	56180.95313	505076.7	5407821.5
L5080.0	505076.7	5407820.0	4973.20020	281.87	81.6	48.823341	-86.930835	56172.13	56250.9	-0.90	56171.23	56171.75000	56180.90038	56181.48438	505076.7	5407820.0
L5080.0	505076.7	5407818.6	4973.29981	282.14	81.6	48.823328	-86.930835	56172.94	56250.9	-0.90	56172.04	56172.57031	56181.43837	56182.04688	505076.7	5407818.6
L5080.0	505076.8	5407817.1	4973.39990	281.65	90.13	48.823314	-86.930835	56173.76	56250.9	-0.90	56172.87	56173.41016	56182.00990	56182.64063	505076.8	5407817.1
L5080.0	505076.8	5407817.1	4973.50000	281.44	90.13	48.823314	-86.930835	56174.55	56250.9	-0.89	56173.66	56174.21094	56182.61548	56183.26953	505076.8	5407817.1
L5080.0	505076.8	5407815.6	4973.60010	282.22	85.36	48.823301	-86.930835	56175.40	56250.9	-0.89	56174.51	56175.07031	56183.25466	56183.93359	505076.8	5407815.6
L5080.0	505076.8	5407814.0	4973.70020	281.79	73.58	48.823286	-86.930835	56176.18	56250.9	-0.89	56175.29	56175.85938	56183.92511	56184.62500	505076.8	5407814.0
L5080.0	505076.8	5407812.7	4973.79981	282.41	84.23	48.823275	-86.930835	56177.06	56250.9	-0.89	56176.16	56176.74219	56184.62817	56185.35547	505076.8	5407812.7
L5080.0	505076.8	5407811.6	4973.89990	283.16	84.23	48.823265	-86.930835	56177.96	56250.9	-0.89	56177.07	56177.66016	56185.36134	56186.10938	505076.8	5407811.6
L5080.0	505076.8	5407811.6	4974.00000	281.41	92.55	48.823265	-86.930835	56178.83	56250.9	-0.89	56177.94	56178.53906	56186.11985	56186.89453	505076.8	5407811.6
L5080.0	505076.8	5407809.4	4974.10010	281.57	79.68	48.823245	-86.930835	56179.73	56250.9	-0.89	56178.84	56179.44531	56186.90366	56187.70313	505076.8	5407809.4
L5080.0	505076.8	5407807.7	4974.20020	279.87	79.68	48.823229	-86.930835	56180.65	56250.9	-0.89	56179.75	56180.36328	56187.70952	56188.53125	505076.8	5407807.7
L5080.0	505076.8	5407807.7	4974.29981	279.69	92.86	48.823229	-86.930835	56181.58	56250.9	-0.90	56180.68	56181.30469	56188.53506	56189.38281	505076.8	5407807.7
L5080.0	505076.8	5407806.4	4974.39990	281.05	80.69	48.823219	-86.930835	56182.46	56250.9	-0.90	56181.56	56182.19141	56189.37619	56190.24609	505076.8	5407806.4
L5080.0	505076.8	5407805.0	4974.50000	279.98	82.46	48.823206	-86.930835	56183.46	56250.9	-0.90	56182.56	56183.19922	56190.23277	56191.12891	505076.8	5407805.0
L5080.0	505076.8	5407803.5	4974.60010	280.14	82.46	48.823192	-86.930835	56184.45	56250.9	-0.90	56183.54	56184.18359	56191.09908	56192.01953	505076.8	5407803.5
L5080.0	505076.8	5407802.1	4974.70020	280.82	85.92	48.823179	-86.930835	56185.38	56250.9	-0.90	56184.47	56185.12109	56191.97336	56192.91797	505076.8	5407802.1
L5080.0	505076.8	5407801.3	4974.79981	280.19	86.71	48.823173	-86.930835	56186.34	56250.9	-0.91	56185.43	56186.08594	56192.85460	56193.82422	505076.8	5407801.3
L5080.0	505076.8	5407799.9	4974.89990	279.50	88.94	48.823159	-86.930835	56187.37	56250.9	-0.91	56186.46	56187.12109	56193.73854	56194.73047	505076.8	5407799.9
L5080.0	505076.8	5407799.9	4975.00000	278.71	88.94	48.823159	-86.930835	56188.38	56250.9	-0.91	56187.47	56188.13672	56194.62514	56195.64453	505076.8	5407799.9
L5080.0	505076.8	5407797.0	4975.10010	278.74	94.92	48.823134	-86.930835	56189.40	56250.9	-0.91	56188.49	56189.16406	56195.51223	56196.55469	505076.8	5407797.0
L5080.0	505076.8	5407797.0	4975.20020	278.74	95.14	48.823134	-86.930835	56190.45	56250.9	-0.91	56189.54	56190.21875	56196.39871	56197.46484	505076.8	5407797.0
L5080.0	505076.8	5407795.6	4975.29981	278.87	95.16	48.823121	-86.930835	56191.50	56250.9	-0.91	56190.59	56191.26953	56197.28592	56198.37891	505076.8	5407795.6
L5080.0	505076.8	5407793.9	4975.39990	277.81	95.16	48.823106	-86.930835	56192.59	56250.9	-0.91	56191.68	56192.36328	56198.17131	56199.28516	505076.8	5407793.9
L5080.0	505076.8	5407792.5	4975.50000	278.96	89	48.823093	-86.930835	56193.64	56250.9	-0.90	56192.74	56193.42969	56199.05971	56200.19922	505076.8	5407792.5
L5080.0	505076.8	5407792.5	4975.60010	276.79	88.56	48.823093	-86.930835	56194.76	56250.9	-0.90	56193.86	56194.55078	56199.94401	56201.10938	505076.8	5407792.5
L5080.0	505076.8	5407790.1	4975.70020	277.37	83.14	48.823071	-86.930835	56195.84	56250.9	-0.90	56194.94	56195.63281	56200.83280	56202.01953	505076.8	5407790.1
L5080.0	505076.8	5407790.1	4975.79981	277.66	95.58	48.823071	-86.930835	56196.97	56250.9	-0.90	56196.07	56196.76563	56201.71784	56202.92969	505076.8	5407790.1
L5080.0	505076.8	5407788.2	4975.89990	279.27	95.58	48.823054	-86.930835	56198.12	56250.9	-0.90	56197.22	56197.91797	56202.60150	56203.83984	505076.8	5407788.2
L5080.0	505076.8	5407786.7	4976.00000	278.85	83.84	48.823041	-86.930836	56199.32	56250.9	-0.90	56198.42	56199.12109	56203.47979	56204.73828	505076.8	5407786.7
L5080.0	505076.8	5407786.7	4976.10010	277.29	85.12	48.823041	-86.930836	56200.44	56250.9	-0.90	56199.54	56200.24219	56204.36809	56205.65234	505076.8	5407786.7

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5080.0	505076.7	5407785.3	4976.20020	277.40	83.98	48.823029	-86.930836	56201.68	56250.9	-0.89	56200.78	56201.48047	56205.24170	56206.55078	505076.7	5407785.3
L5080.0	505076.7	5407783.6	4976.29981	277.07	83.98	48.823013	-86.930836	56202.86	56250.9	-0.89	56201.96	56202.66406	56206.12323	56207.45313	505076.7	5407783.6
L5080.0	505076.7	5407782.2	4976.39990	277.28	82.05	48.823000	-86.930837	56204.05	56250.9	-0.89	56203.16	56203.86328	56206.50378	56207.85938	505076.7	5407782.2
L5080.0	505076.7	5407782.2	4976.50000	277.95	84.55	48.823000	-86.930837	56205.23	56250.9	-0.89	56204.35	56205.05469	56207.41763	56208.79688	505076.7	5407782.2
L5080.0	505076.6	5407779.7	4976.60010	280.21	87.48	48.822978	-86.930837	56206.48	56250.9	-0.88	56205.60	56206.30078	56208.34451	56209.74609	505076.6	5407779.7
L5080.0	505076.6	5407778.3	4976.70020	281.18	84.2	48.822966	-86.930838	56207.72	56250.9	-0.88	56206.84	56207.54297	56209.26526	56210.68750	505076.6	5407778.3
L5080.0	505076.6	5407777.5	4976.79981	278.28	84.2	48.822958	-86.930838	56209.08	56250.9	-0.88	56208.20	56208.90234	56210.21143	56211.65625	505076.6	5407777.5
L5080.0	505076.6	5407777.5	4976.89990	277.67	81.39	48.822958	-86.930838	56210.39	56250.9	-0.87	56209.51	56210.21094	56211.13952	56212.60938	505076.6	5407777.5
L5080.0	505076.6	5407776.1	4977.00000	278.27	82.73	48.822945	-86.930838	56211.78	56250.9	-0.87	56210.91	56211.60938	56212.08315	56213.57422	505076.6	5407776.1
L5080.0	505076.5	5407774.9	4977.10010	273.33	93.78	48.822935	-86.930839	56213.02	56250.9	-0.87	56212.15	56212.84766	56212.98320	56214.49609	505076.5	5407774.9
L5080.0	505076.5	5407773.0	4977.20020	273.25	93.78	48.822918	-86.930840	56214.24	56250.9	-0.87	56213.37	56214.06250	56213.87382	56215.41016	505076.5	5407773.0
L5080.0	505076.4	5407771.4	4977.29981	275.61	91.96	48.822903	-86.930840	56215.28	56250.9	-0.87	56214.41	56215.10156	56214.72021	56216.27734	505076.4	5407771.4
L5080.0	505076.4	5407771.4	4977.39990	273.77	88.27	48.822903	-86.930840	56216.41	56250.9	-0.87	56215.54	56216.23047	56215.58351	56217.16016	505076.4	5407771.4
L5080.0	505076.4	5407770.0	4977.50000	273.66	88.27	48.822891	-86.930841	56217.63	56250.9	-0.87	56216.76	56217.44531	56216.46319	56218.06250	505076.4	5407770.0
L5080.0	505076.4	5407770.0	4977.60010	274.98	87.87	48.822891	-86.930841	56218.88	56250.9	-0.87	56218.00	56218.68359	56217.34453	56218.96484	505076.4	5407770.0
L5080.0	505076.3	5407767.7	4977.70020	274.81	87.87	48.822870	-86.930841	56220.23	56250.9	-0.87	56219.36	56220.03906	56218.24950	56219.89063	505076.3	5407767.7
L5080.0	505076.3	5407766.6	4977.79981	276.10	89.82	48.822860	-86.930842	56221.46	56250.9	-0.87	56220.59	56221.26563	56219.12673	56220.78906	505076.3	5407766.6
L5080.0	505076.3	5407765.2	4977.89990	275.39	90.43	48.822848	-86.930842	56222.73	56250.9	-0.87	56221.86	56222.53125	56220.01327	56221.69531	505076.3	5407765.2
L5080.0	505076.3	5407764.0	4978.00000	275.34	90.43	48.822836	-86.930842	56223.93	56250.9	-0.87	56223.06	56223.72656	56220.88711	56222.58984	505076.3	5407764.0
L5080.0	505076.2	5407763.0	4978.10010	275.75	88.89	48.822828	-86.930843	56225.14	56250.9	-0.87	56224.27	56224.93359	56221.76618	56223.48828	505076.2	5407763.0
L5080.0	505076.2	5407763.0	4978.20020	274.77	85.13	48.822828	-86.930843	56226.25	56250.9	-0.87	56225.38	56226.03906	56222.62713	56224.36719	505076.2	5407763.0
L5080.0	505076.2	5407761.3	4978.29981	269.49	85.13	48.822813	-86.930843	56227.43	56250.9	-0.87	56226.56	56227.21484	56223.50686	56225.26563	505076.2	5407761.3
L5080.0	505076.2	5407760.0	4978.39990	271.82	74.08	48.822801	-86.930843	56228.63	56250.9	-0.87	56227.76	56228.41016	56224.39498	56226.17188	505076.2	5407760.0
L5080.0	505076.2	5407758.7	4978.50000	273.70	73.3	48.822789	-86.930843	56229.85	56250.9	-0.88	56228.98	56229.62500	56225.29171	56227.08594	505076.2	5407758.7
L5080.0	505076.2	5407757.5	4978.60010	276.07	73.3	48.822778	-86.930844	56231.06	56250.9	-0.88	56230.18	56230.82031	56226.18759	56228.00000	505076.2	5407757.5
L5080.0	505076.2	5407756.2	4978.70020	275.58	86.63	48.822767	-86.930844	56232.28	56250.9	-0.88	56231.40	56232.03516	56227.09147	56228.92188	505076.2	5407756.2
L5080.0	505076.2	5407754.9	4978.79981	276.33	87.33	48.822754	-86.930844	56233.43	56250.9	-0.88	56232.55	56233.18359	56227.98064	56229.82813	505076.2	5407754.9
L5080.0	505076.2	5407753.5	4978.89990	278.39	73.5	48.822743	-86.930844	56234.65	56250.9	-0.88	56233.77	56234.39844	56228.88859	56230.75391	505076.2	5407753.5
L5080.0	505076.2	5407753.5	4979.00000	279.00	73.5	48.822743	-86.930844	56235.82	56250.9	-0.88	56234.94	56235.56250	56229.78405	56231.66797	505076.2	5407753.5
L5080.0	505076.2	5407752.2	4979.10010	280.60	73.5	48.822730	-86.930844	56237.00	56250.9	-0.88	56236.12	56236.73828	56230.68056	56232.57813	505076.2	5407752.2
L5080.0	505076.2	5407750.4	4979.20020	279.60	80.43	48.822715	-86.930844	56238.13	56250.9	-0.88	56237.25	56237.86328	56231.56032	56233.47656	505076.2	5407750.4
L5080.0	505076.2	5407750.4	4979.29981	279.45	74.71	48.822715	-86.930844	56239.34	56250.9	-0.88	56238.46	56239.06641	56231.56399	56233.49609	505076.2	5407750.4
L5080.0	505076.2	5407748.9	4979.39990	278.57	74.71	48.822701	-86.930844	56240.45	56250.9	-0.88	56239.57	56240.17188	56232.39554	56234.33984	505076.2	5407748.9
L5080.0	505076.2	5407747.4	4979.50000	277.05	77.12	48.822688	-86.930843	56241.62	56250.9	-0.88	56240.74	56241.33594	56233.20316	56235.16406	505076.2	5407747.4
L5080.0	505076.2	5407746.2	4979.60010	276.57	77.12	48.822676	-86.930843	56242.67	56250.9	-0.88	56241.79	56242.38281	56234.00914	56235.98438	505076.2	5407746.2
L5080.0	505076.2	5407745.0	4979.70020	278.28	81.79	48.822666	-86.930843	56243.84	56250.9	-0.88	56242.96	56243.54688	56234.77901	56236.76953	505076.2	5407745.0
L5080.0	505076.3	5407743.4	4979.79981	277.36	76.04	48.822652	-86.930843	56244.86	56250.9	-0.88	56243.98	56244.56250	56235.54776	56237.55078	505076.3	5407743.4
L5080.0	505076.3	5407743.4	4979.89990	276.66	76.04	48.822652	-86.930843	56245.96	56250.9	-0.88	56245.08	56245.65625	56236.28253	56238.30078	505076.3	5407743.4
L5080.0	505076.3	5407742.0	4980.00000	278.04	76.21	48.822639	-86.930843	56247.05	56250.9	-0.88	56246.17	56246.74219	56238.18672	56240.21484	505076.3	5407742.0
L5080.0	505076.3	5407740.4	4980.10010	277.25	76.21	48.822625	-86.930843	56248.00	56250.9	-0.88	56247.13	56247.69531	56238.90295	56240.94531	505076.3	5407740.4
L5080.0	505076.3	5407740.4	4980.20020	278.46	75.44	48.822625	-86.930843	56249.07	56250.9	-0.88	56248.19	56248.75000	56239.62810	56241.68359	505076.3	5407740.4
L5080.0	505076.3	5407739.0	4980.29981	278.79	75.16	48.822612	-86.930843	56250.10	56250.9	-0.88	56249.22	56249.77734	56240.32773	56242.39453	505076.3	5407739.0
L5080.0	505076.3	5407737.7	4980.39990	278.78	75.16	48.822600	-86.930843	56251.09	56250.9	-0.88	56250.21	56250.76172	56241.00062	56243.07813	505076.3	5407737.7
L5080.0	505076.3	5407736.3	4980.50000	277.55	73.09	48.822588	-86.930843	56252.03	56250.9	-0.88	56251.16	56251.70703	56241.64824	56243.73828	505076.3	5407736.3
L5080.0	505076.3	5407735.0	4980.60010	274.51	73.09	48.822576	-86.930843	56253.02	56250.9	-0.87	56252.15	56252.69141	56242.29053	56244.39063	505076.3	5407735.0
L5080.0	505076.3	5407733.4	4980.70020	274.88	69.85	48.822561	-86.930843	56253.92	56250.9	-0.87	56253.05	56253.58984	56242.89775	56245.00781	505076.3	5407733.4
L5080.0	505076.3	5407733.4	4980.79981	274.95	69.85	48.822561	-86.930843	56254.86	56250.9	-0.87	56253.99	56254.52344	56243.50051	56245.62109	505076.3	5407733.4
L5080.0	505076.3	5407731.8	4980.89990	274.69	67.77	48.822547	-86.930843	56255.74	56250.9	-0.87	56254.87	56255.40234	56244.07683	56246.20703	505076.3	5407731.8
L5080.0	505076.3	5407730.6	4981.00000	276.18	65.22	48.822536	-86.930843	56256.66	56250.9	-0.87	56255.79	56256.31641	56244.64767	56246.78516	505076.3	5407730.6
L5080.0	505076.3	5407729.4	4981.10010	275.96	65.22	48.822526	-86.930843	56257.49	56250.9	-0.87	56256.62	56257.14453	56245.18744	56247.33594	505076.3	5407729.4
L5080.0	505076.3	5407727.7	4981.20020	275.23	66.72	48.822510	-86.930843	56258.31	56250.9	-0.87	56257.44	56257.96094	56245.71217	56247.86719	505076.3	5407727.7
L5080.0	505076.3	5407727.7	4981.29981	276.65	66.72	48.822510	-86.930843	56259.13	56250.9	-0.87	56258.27	56258.78516	56246.22481	56248.39063	505076.3	5407727.7
L5080.0	505076.3	5407726.1	4981.39990	275.96	71.48	48.822496	-86.930843	56259.94	56250.9	-0.87	56259.07	56259.58203	56246.71889	56248.89063	505076.3	5407726.1
L5080.0	505076.3	5407724.8	4981.50000	275.78	69.8	48.822484	-86.930843	56260.68	56250.9	-0.87	56259.82	56260.33203	56247.19250	56249.37109	505076.3	5407724.8
L5080.0	505076.3	5407723.2	4981.60010	277.14	75.82	48.822470	-86.930843	56261.44	56250.9	-0.86	56260.58	56261.08984	56247.65657	56249.84375	505076.3	5407723.2
L5080.0	505076.3	5407723.2	4981.70020	270.67	75.82	48.822470	-86.930843	56262.20	56250.9	-0.86	56261.33	56261.83594	56248.10968	56250.30078	505076.3	5407723.2
L5080.0	505076.3	5407721.9	4981.79981	270.53	71.01	48.822458	-86.930843	56262.88	56250.9	-0.86	56262.02	56262.52344	56248.54791	56250.74609	505076.3	5407721.9
L5080.0	505076.3	5407720.2	4981.89990	272.99	68.57	48.822443	-86.930843	56263.59	56250.9	-0.86	56262.73	56263.23047	56248.98334	56251.18750	505076.3	5407720.2
L5080.0	505076.3	5407720.2	4982.00000	272.70	68.57	48.822443	-86.930843	56264.24	56250.9	-0.86	56263.38	56263.87891	56249.40881	56251.61719	505076.3	5407720.2
L5080.0	505076.3	5407718.8	4982.10010	272.70	68.12	48.822430	-86.930843	56264.92	56250.9	-0.86	56264.06	56264.55859	56249.83620	56252.04688	505076.3	5407718.8
L5080.0	505076.3	5407717.1	4982.20020	272.44	67.87	48.822415	-86.930843	56265.55	56250.9	-0.86	56264.69	56265.18750	56250.26031	56252.47656	505076.3	5407717.1
L5080.0	505076.3	5407715.7	4982.29981	268.37	67.87	48.822402	-86.930842	56266.13	56250.9	-0.86	56265.27	56265.76563	56250.68432	56252.90625	505076.3	5407715.7
L5080.0	505076.3	5407714.4	4982.39990	271.12	67.87	48.822391	-86.930842	56266.68	56250.9	-0.86	56265.82	56266.31641	56251.11253	56253.33594	505076.3	5407714.4
L5080.0	505076.4	5407713.0	4982.50000	271.04	67.54	48.822378	-86.930842	56267.24	56250.9	-0.85	56266.38	56266.87500	56251.54905	56253.77734	505076.4	5407713.0
L5080.0	505076.4	5407713.0	4982.60010	269.82	71.25	48.822378	-86.930842	56267.81	56250.9	-0.85	56266.96	56267.45703	56251.99578	56254.22656	505076.4	5407713.0
L5080.0	505076.4	5407712.0	4982.70020	268.46	74.33	48.822369	-86.930842	56268.29	56250.9	-0.85	56267.44	56267.93750	56252.44672	56254.67969	505076.4	5407712.0
L5080.0	505076.4	5407710.6	4982.79981	269.39	74.33	48.822357	-86.930842	56268.88	56250.9	-0.85	56268.02	56268.51563	56252.91393	56255.14844	505076.4	5407710.6
L5080.0	505076.4	5407708.9	4982.89990	270.28	74.19	48.822341	-86.930842	56269.48	56250.9	-0.85	56268.63	56269.12891	56253.39395	56255.62891	505076.4	5407708.9
L5080.0	505076.4	5407708.9	4983.00000	274.50	74.19	48.822341	-86.930842	56270.03	56250.8	-0.85	56269.18	56269.67969	56253.88296	56256.11719	505076.4	5407708.9
L5080.0	505076.4	5407707.7	4983.10010	270.24	74.12	48.822331	-86.930841	56270.50	56250.8	-0.85	56269.65	56270.14844	56254.38019	56256.61719	505076.4	5407707.7
L5080.0	505076.4	5407706.4	4983.20020	268.94	74.12	48.822318	-86.930841	56270.99	56250.8	-0.85	56270.14	56270.64063	56254.89131	56257.12891	505076.4	5407706.4
L5080.0	505076.4	5407705.0	4983.29981	270.07	69.16	48.822306	-86.930842	56271.33	56250.8	-0.85	56270.48	56270.98438	56255.40699	56257.64063	505076.4	5407705.0
L5080.0	505076.4	5407705.0	4983.39990	269.64	74.28	48.822306	-86.930842	56271.68	56250.8	-0.85	56270.83	56271.33594	56255.93495	56258.16797	505076.4	5407705.0
L5080.0	505076.4	5407703.2	4983.50000	271.95	74.28	48.822290	-86.930842	56272.02	56250.8	-0.85	56271.17	56271.67969	56256.47313	56258.70703	505076.4	5407703.2
L5080.0	505076.4	5407701.5	4983.60010	271.48	74.81	48.822275	-86.930842	56272.36	56250.8	-0.85	56271.51	56272.01953	56257.02093	56259.25391	505076.4	5407701.5
L5080.0	505076.3	5407700.6	4983.70020	262.44	75.03	48.822266	-86.930842	56272.63	56250.8	-0.85	56271.78	56272.29297	56257.57075	56259.80078	505076.3	5407700.6
L5080.0	505076.3	5407699.3	4983.79981	261.22	75.03	48.822255	-86.930842	56272.90	56250.8	-0.85	56272.05	56272.56641	56258.12499	56260.35156	505076.3	5407699.3
L5080.0	505076.3	5407699.3	4983.89990	272.24	73.87	48.822255	-86.930842	56273.14	56250.8	-0.85	56272.29	56272.80859	56258.67824	56260.90234	505076.3	5407699.3
L5080.0	505076.3	5407697.6	4984.00000	273.40	73.87	48.822239	-86.930843	56273.42	56250.8	-0.85	56272.57	56273.09375	56259.23415	56261.45703	505076.3	5407697.6
L5080.0	505076.3	5407696.4	4984.10010	275.99	75.35	48.822228	-86.930843	56273.62	56250.8	-0.85	56272.77	56273.29688	56259.77588	56261.99219	505076.3	5407696.4
L5080.0	505076.3	5407696.4	4984.20020	274.89	65.03	48.822228	-86.930843	56273.75	56250.8	-0.84	56272.91	56273.44141	56260.30039	56262.51563	505076.3	5407696.4
L5080.0	505076.2	5407693.6	4984.29981	273.49	65.03	48.822203	-86.930844	56273.96	56250.8	-0.84	56273.12	56273.65625	56260.82171	56263.03125	505076.2	5407693.6
L5080.0	505076.2	5407693.6	4984.39990	276.56	72.55	48.822203	-86.930844	56274.16	56250.8	-0.84	56273.32	56273.86328	56261.32686	56263.53125	505076.2	5407693.6
L5080.0	505076.1	5407692.4	4984.50000	277.22	72.55	48.822193	-86.930845	56274.34	56250.8	-0.83	56273.50	56274.04688	56261.81073	56264.00781	505076.1	5407692.4
L5080.0	505076.1	5407691.4	4984.60010	274.96	74.28	48.822184	-86.930846	56274.54	56250.8	-0.83	56273.71	56274.26172	56262.27825	56264.47266	505076.1	5407691.4
L5080.0	505076.1	5407691.4	4984.70020	274.46	73.21	48.822184	-86.930846	56274.72	56250.8	-0.83	56273.89	56274.44531	56262.72033	56264.90625	505076.1	5407691.4
L5080.0	505076.0	5407690.3	4984.79981	274.79	73.21	48.822173	-86.930847	56274.87	56250.8	-0.83	56274.04	56274.60156	56263.13698	56265.31641	505076.0	5407690.3
L5080.0	505075.9	5407689.1	4984.89990	275.93	72.64	48.822163	-86.930848	56275.06	56250.8	-0.82	56274.24	56274.80859	56263.54372	56265.71875	505075.9	5407689.1
L5080.0	505075.7	5407687.7	4985.00000	275.52	72.64	48.822150	-86.930851	56275.25	56250.8	-0.82	56274.43	56275.00391	56263.92974	56266.09766	505075.7	5407687.7
L5080.0	505075.7	5407687.7	4985.10010	276.88	72.5	48.822150	-86.930851	56275.41	56250.8	-0.82	56274.58	56275.16016	56264.28998	56266.44922	505075.7	5407687.7
L5080.0	505075.6	5407686.8	4985.20020	278.37	72.46	48.822142	-86.930852	56275.57	56250.8	-0.82	56274.74	56275.32813	56264.63653	56266.78906	505075.6	5407686.8
L5080.0	505075.5	5407685.6	4985.29981	278.81	72.46	48.822132	-86.930855	56275.84	56250.8	-0.83	56275.01	56275.60547	56264.99271	56267.13672	505075.5	5407685.6
L5080.0	505075.3	5407684.7	4985.39990	279.98	72.46	48.822123	-86.930857	56275.95	56250.8	-0.83	56275.12	56275.71875	56265.30522	56267.44141	505075.3	5407684.7

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5080.0	505075.1	5407683.7	4985.50000	278.03	60.89	48.822114	-86.930859	56276.20	56250.8	-0.83	56275.36	56275.96875	56265.63574	56267.76172	505075.1	5407683.7
L5080.0	505075.1	5407683.7	4985.60010	277.39	60.42	48.822114	-86.930859	56276.46	56250.8	-0.83	56275.63	56276.24609	56265.96507	56268.08203	505075.1	5407683.7
L5080.0	505074.9	5407682.5	4985.70020	275.70	74.08	48.822104	-86.930862	56276.64	56250.8	-0.83	56275.81	56276.42969	56266.26871	56268.37500	505074.9	5407682.5
L5080.0	505074.9	5407682.5	4985.79981	276.25	74.08	48.822104	-86.930862	56276.89	56250.8	-0.84	56276.06	56276.68750	56266.58114	56268.67578	505074.9	5407682.5
L5080.0	505074.7	5407681.6	4985.89990	275.20	68.67	48.822095	-86.930865	56277.09	56250.8	-0.84	56276.26	56276.89453	56266.87729	56268.96094	505074.7	5407681.6
L5080.0	505074.5	5407680.5	4986.00000	274.23	68.67	48.822086	-86.930867	56277.30	56250.8	-0.84	56276.46	56277.10547	56267.16839	56269.24219	505074.5	5407680.5
L5080.0	505074.3	5407679.4	4986.10010	274.21	55.52	48.822076	-86.930870	56277.58	56250.8	-0.84	56276.74	56277.39063	56267.47206	56269.53516	505074.3	5407679.4
L5080.0	505074.3	5407679.4	4986.20020	272.02	76.19	48.822076	-86.930870	56277.81	56250.8	-0.84	56276.97	56277.62891	56267.76181	56269.81250	505074.3	5407679.4
L5080.0	505074.2	5407678.4	4986.29981	273.55	76.19	48.822067	-86.930872	56278.04	56250.8	-0.83	56277.20	56277.86719	56268.04949	56270.08984	505074.2	5407678.4
L5080.0	505074.1	5407677.8	4986.39990	275.44	76.94	48.822061	-86.930873	56278.30	56250.8	-0.83	56277.47	56278.14453	56268.34451	56270.37109	505074.1	5407677.8
L5080.0	505074.1	5407677.8	4986.50000	276.10	72.35	48.822061	-86.930873	56278.54	56250.8	-0.83	56277.71	56278.39063	56268.63298	56270.64844	505074.1	5407677.8
L5080.0	505074.0	5407676.8	4986.60010	278.65	72.35	48.822052	-86.930875	56278.84	56250.8	-0.83	56278.01	56278.69922	56268.93445	56270.93359	505074.0	5407676.8
L5080.0	505073.9	5407675.9	4986.70020	279.31	73.43	48.822044	-86.930876	56279.03	56250.8	-0.83	56278.20	56278.89844	56269.21271	56271.19922	505073.9	5407675.9
L5080.0	505073.8	5407675.2	4986.79981	277.78	71.45	48.822038	-86.930877	56279.29	56250.8	-0.82	56278.46	56279.16797	56269.50586	56271.48047	505073.8	5407675.2
L5080.0	505073.8	5407674.5	4986.89990	278.80	71.45	48.822032	-86.930877	56279.52	56250.8	-0.82	56278.70	56279.41406	56269.79473	56271.75391	505073.8	5407674.5
L5080.0	505073.8	5407674.5	4987.00000	280.69	76.5	48.822032	-86.930877	56279.75	56250.8	-0.82	56278.93	56279.65234	56270.08067	56272.02344	505073.8	5407674.5
L5080.0	505073.8	5407673.7	4987.10010	276.81	76.5	48.822024	-86.930878	56279.90	56250.8	-0.82	56279.08	56279.80859	56270.34776	56272.27734	505073.8	5407673.7
L5080.0	505073.7	5407672.9	4987.20020	276.71	72.44	48.822018	-86.930878	56280.23	56250.8	-0.82	56279.41	56280.14844	56270.65295	56272.56641	505073.7	5407672.9
L5080.0	505073.7	5407672.1	4987.29981	276.21	70.22	48.822010	-86.930879	56280.38	56250.8	-0.82	56279.56	56280.30469	56270.91567	56272.81641	505073.7	5407672.1
L5080.0	505073.7	5407672.1	4987.39990	276.24	70.22	48.822010	-86.930879	56280.62	56250.8	-0.82	56279.80	56280.55469	56271.19520	56273.07813	505073.7	5407672.1
L5080.0	505073.7	5407671.3	4987.50000	276.36	66.12	48.822003	-86.930879	56280.87	56250.8	-0.82	56280.05	56280.81250	56271.47293	56273.33984	505073.7	5407671.3
L5080.0	505073.7	5407670.6	4987.60010	274.83	66.12	48.821996	-86.930879	56281.05	56250.8	-0.82	56280.23	56281.00000	56271.72877	56273.57813	505073.7	5407670.6
L5080.0	505073.7	5407669.9	4987.70020	276.75	76.89	48.821990	-86.930879	56281.28	56250.8	-0.82	56280.46	56281.23438	56271.99112	56273.82422	505073.7	5407669.9
L5080.0	505073.7	5407669.3	4987.79981	277.57	76.89	48.821985	-86.930879	56281.48	56250.8	-0.82	56280.66	56281.44141	56272.24253	56274.05859	505073.7	5407669.3
L5080.0	505073.7	5407669.3	4987.89990	278.97	67.19	48.821985	-86.930879	56281.72	56250.8	-0.82	56280.90	56281.69141	56272.50006	56274.29688	505073.7	5407669.3
L5080.0	505073.7	5407668.6	4988.00000	276.63	65.72	48.821979	-86.930879	56281.92	56250.8	-0.82	56281.10	56281.89844	56272.74538	56274.52734	505073.7	5407668.6
L5080.0	505073.7	5407668.1	4988.10010	275.64	65.72	48.821974	-86.930879	56282.12	56250.8	-0.82	56281.30	56282.10547	56272.98804	56274.75000	505073.7	5407668.1
L5080.0	505073.7	5407667.3	4988.20020	275.87	65.04	48.821967	-86.930878	56282.33	56250.8	-0.82	56281.51	56282.32031	56273.23142	56274.97656	505073.7	5407667.3
L5080.0	505073.8	5407666.5	4988.29981	273.32	66.12	48.821960	-86.930878	56282.50	56250.8	-0.81	56281.69	56282.50781	56273.46741	56275.19141	505073.8	5407666.5
L5080.0	505073.8	5407665.9	4988.39990	274.52	66.12	48.821955	-86.930877	56282.68	56250.8	-0.81	56281.87	56282.69531	56273.70385	56275.41016	505073.8	5407665.9
L5080.0	505073.8	5407665.9	4988.50000	273.47	66.11	48.821955	-86.930877	56282.89	56250.8	-0.81	56282.08	56282.91016	56273.94799	56275.63281	505073.8	5407665.9
L5080.0	505073.9	5407665.3	4988.60010	275.68	70.78	48.821949	-86.930876	56283.09	56250.8	-0.81	56282.28	56283.11719	56274.18961	56275.85547	505073.9	5407665.3
L5080.0	505073.9	5407664.4	4988.70020	276.06	70.78	48.821941	-86.930875	56283.29	56250.8	-0.81	56282.49	56283.33203	56274.43280	56276.07813	505073.9	5407664.4
L5080.0	505073.9	5407664.4	4988.79981	278.01	76.75	48.821941	-86.930875	56283.37	56250.8	-0.80	56282.57	56283.41797	56274.64258	56276.26953	505073.9	5407664.4
L5080.0	505074.0	5407663.7	4988.89990	276.59	75.91	48.821934	-86.930875	56283.63	56250.8	-0.80	56282.82	56283.67578	56274.89164	56276.49609	505074.0	5407663.7
L5080.0	505074.0	5407663.1	4989.00000	275.94	75.91	48.821929	-86.930874	56283.79	56250.8	-0.80	56282.99	56283.85156	56275.11820	56276.70313	505074.0	5407663.1
L5080.0	505074.1	5407662.5	4989.10010	276.10	68.93	48.821923	-86.930873	56283.93	56250.8	-0.80	56283.13	56283.99609	56275.33494	56276.89844	505074.1	5407662.5
L5080.0	505074.2	5407661.8	4989.20020	277.17	69.1	48.821917	-86.930873	56284.11	56250.8	-0.80	56283.31	56284.17969	56275.55920	56277.10156	505074.2	5407661.8
L5080.0	505074.2	5407661.8	4989.29981	279.04	65.26	48.821917	-86.930873	56284.24	56250.8	-0.79	56283.45	56284.32422	56275.77103	56277.29297	505074.2	5407661.8
L5080.0	505074.2	5407661.1	4989.39990	277.22	65.26	48.821911	-86.930872	56284.44	56250.8	-0.79	56283.65	56284.53125	56275.99610	56277.49609	505074.2	5407661.1
L5080.0	505074.3	5407660.6	4989.50000	278.27	65.51	48.821906	-86.930871	56284.52	56250.8	-0.79	56283.73	56284.61328	56276.18859	56277.66406	505074.3	5407660.6
L5080.0	505074.4	5407659.8	4989.60010	278.54	65.51	48.821900	-86.930870	56284.70	56250.8	-0.79	56283.92	56284.80859	56276.40766	56277.86328	505074.4	5407659.8
L5080.0	505074.5	5407659.1	4989.70020	278.91	62.7	48.821893	-86.930869	56284.87	56250.8	-0.79	56284.08	56284.97266	56276.61730	56278.05078	505074.5	5407659.1
L5080.0	505074.6	5407658.5	4989.79981	277.75	62.7	48.821888	-86.930867	56284.96	56250.8	-0.78	56284.17	56285.06641	56276.80669	56278.21484	505074.6	5407658.5
L5080.0	505074.6	5407658.5	4989.89990	275.04	67.32	48.821888	-86.930867	56285.11	56250.8	-0.78	56284.33	56285.23047	56277.01304	56278.39844	505074.6	5407658.5
L5080.0	505074.6	5407658.0	4990.00000	277.66	67.32	48.821883	-86.930866	56285.15	56250.8	-0.78	56284.37	56285.27344	56277.18630	56278.55078	505074.6	5407658.0
L5080.0	505074.8	5407657.1	4990.10010	275.53	67.78	48.821875	-86.930864	56285.32	56250.8	-0.78	56284.54	56285.44531	56277.39333	56278.73047	505074.8	5407657.1
L5080.0	505074.9	5407656.6	4990.20020	276.44	71.42	48.821871	-86.930863	56285.39	56250.8	-0.77	56284.61	56285.51953	56277.16789	56278.48438	505074.9	5407656.6
L5080.0	505074.9	5407656.6	4990.29981	275.59	71.42	48.821871	-86.930863	56285.46	56250.8	-0.77	56284.69	56285.60156	56277.36410	56278.65625	505074.9	5407656.6
L5080.0	505075.0	5407656.1	4990.39990	275.88	68.99	48.821866	-86.930861	56285.59	56250.8	-0.77	56284.83	56285.74609	56277.54726	56278.81250	505075.0	5407656.1
L5080.0	505075.1	5407655.5	4990.50000	277.35	68.99	48.821861	-86.930860	56285.59	56250.8	-0.76	56284.83	56285.74609	56277.74480	56278.98828	505075.1	5407655.5
L5080.0	505075.2	5407655.0	4990.60010	277.63	68.38	48.821856	-86.930858	56285.72	56250.8	-0.76	56284.96	56285.87891	56277.92046	56279.13672	505075.2	5407655.0
L5080.0	505075.2	5407655.0	4990.70020	277.71	68.38	48.821856	-86.930858	56285.77	56250.8	-0.76	56285.01	56285.93359	56278.10206	56279.29688	505075.2	5407655.0
L5080.0	505075.3	5407654.5	4990.79981	277.82	62.73	48.821852	-86.930857	56285.85	56250.8	-0.76	56285.09	56286.01172	56278.27512	56279.44141	505075.3	5407654.5
L5080.0	505075.4	5407653.9	4990.89990	278.42	62.73	48.821846	-86.930856	56285.92	56250.8	-0.75	56285.17	56286.09375	56278.44337	56279.58594	505075.4	5407653.9
L5080.0	505075.4	5407653.9	4991.00000	277.18	65.5	48.821846	-86.930856	56286.02	56250.8	-0.75	56285.27	56286.19531	56278.60473	56279.72266	505075.4	5407653.9
L5080.0	505075.4	5407653.4	4991.10010	274.90	65.5	48.821842	-86.930855	56286.08	56250.8	-0.75	56285.33	56286.25781	56278.76601	56279.85938	505075.4	5407653.4
L5080.0	505075.5	5407652.9	4991.20020	278.30	63.26	48.821837	-86.930854	56286.16	56250.8	-0.75	56285.40	56286.32813	56278.92011	56279.98828	505075.5	5407652.9
L5080.0	505075.5	5407652.4	4991.29981	280.31	63.26	48.821833	-86.930854	56286.25	56250.8	-0.75	56285.50	56286.42969	56279.06350	56280.10547	505075.5	5407652.4
L5080.0	505075.6	5407652.0	4991.39990	281.27	63.89	48.821829	-86.930853	56286.31	56250.8	-0.75	56285.55	56286.48047	56279.20515	56280.21875	505075.6	5407652.0
L5080.0	505075.6	5407652.0	4991.50000	279.40	63.16	48.821829	-86.930853	56286.39	56250.8	-0.76	56285.63	56286.55859	56279.33409	56280.32422	505075.6	5407652.0
L5080.0	505075.6	5407651.5	4991.60010	278.44	63.16	48.821825	-86.930853	56286.43	56250.8	-0.76	56285.68	56286.60938	56279.45666	56280.41797	505075.6	5407651.5
L5080.0	505075.6	5407651.5	4991.70020	279.46	65	48.821825	-86.930853	56286.48	56250.8	-0.76	56285.72	56286.65234	56279.56965	56280.50391	505075.6	5407651.5
L5080.0	505075.7	5407651.1	4991.79981	278.58	60.54	48.821821	-86.930852	56286.54	56250.8	-0.76	56285.78	56286.71094	56279.86903	56280.77734	505075.7	5407651.1
L5080.0	505075.7	5407650.7	4991.89990	280.41	60.54	48.821818	-86.930852	56286.61	56250.8	-0.76	56285.85	56286.78125	56279.94787	56280.83203	505075.7	5407650.7
L5080.0	505075.8	5407650.3	4992.00000	281.30	59.4	48.821814	-86.930851	56286.70	56250.8	-0.76	56285.93	56286.85938	56280.01759	56280.87500	505075.8	5407650.3
L5080.0	505075.8	5407650.3	4992.10010	282.08	59.4	48.821814	-86.930851	56286.69	56250.8	-0.76	56285.93	56286.85938	56280.05737	56280.88672	505075.8	5407650.3
L5080.0	505075.8	5407649.8	4992.20020	279.95	59.05	48.821810	-86.930850	56286.69	56250.8	-0.76	56285.93	56286.85938	56280.08913	56280.89063	505075.8	5407649.8
L5080.0	505075.9	5407649.5	4992.29981	278.90	59.05	48.821807	-86.930849	56286.88	56250.8	-0.76	56286.12	56287.05078	56280.15673	56280.93359	505075.9	5407649.5
L5080.0	505075.9	5407649.1	4992.39990	277.32	61.77	48.821803	-86.930849	56286.86	56250.8	-0.76	56286.11	56287.03906	56280.17218	56280.92188	505075.9	5407649.1
L5080.0	505075.9	5407649.1	4992.50000	277.54	64.41	48.821803	-86.930849	56286.95	56250.8	-0.76	56286.19	56287.12109	56280.20208	56280.92578	505075.9	5407649.1
L5080.0	505075.9	5407648.8	4992.60010	274.92	64.41	48.821800	-86.930848	56286.96	56250.8	-0.75	56286.21	56287.14063	56280.21696	56280.91406	505075.9	5407648.8
L5080.0	505076.0	5407648.5	4992.70020	274.32	64.41	48.821798	-86.930848	56287.02	56250.8	-0.75	56286.27	56287.19922	56280.23764	56280.90625	505076.0	5407648.5
L5080.0	505076.0	5407648.5	4992.79981	273.61	67.78	48.821798	-86.930848	56287.08	56250.8	-0.75	56286.33	56287.25781	56280.25758	56280.89844	505076.0	5407648.5
L5080.0	505076.0	5407648.1	4992.89990	273.72	68.9	48.821794	-86.930847	56287.17	56250.8	-0.75	56286.42	56287.34766	56280.28168	56280.89844	505076.0	5407648.1
L5120.0	505121.8	5407853.2	10913.20020	322.99	130	48.823639	-86.930221	56200.56	56250.7	-0.67	56199.89	56198.96875	56205.13992	56207.75391	505121.8	5407853.2
L5120.0	505121.8	5407853.4	10913.29981	322.53	130	48.823641	-86.930221	56200.66	56250.7	-0.67	56199.99	56199.07031	56207.84542	56210.39844	505121.8	5407853.4
L5120.0	505121.8	5407853.4	10913.40039	321.40	130	48.823641	-86.930221	56200.62	56250.7	-0.67	56199.95	56199.03516	56207.62206	56210.11719	505121.8	5407853.4
L5120.0	505121.8	5407853.6	10913.50000	319.92	130	48.823642	-86.930220	56200.71	56250.7	-0.67	56200.04	56199.12500	56210.34174	56212.77734	505121.8	5407853.6
L5120.0	505121.9	5407853.8	10913.59961	319.61	130	48.823644	-86.930220	56200.78	56250.7	-0.67	56200.11	56199.19922	56212.74924	56215.12500	505121.9	5407853.8
L5120.0	505121.9	5407853.9	10913.70020	321.66	130	48.823646	-86.930220	56200.63	56250.7	-0.67	56199.96	56199.05078	56210.59377	56212.91406	505121.9	5407853.9
L5120.0	505121.9	5407854.1	10913.79981	319.83	130	48.823647	-86.930219	56200.67	56250.7	-0.67	56200.00	56199.09375	56212.64749	56214.91016	505121.9	5407854.1
L5120.0	505122.0	5407854.3	10913.90039	321.72	130	48.823649	-86.930219	56200.58	56250.7	-0.67	56199.91	56199.00781	56212.10180	56214.30469	505122.0	5407854.3
L5120.0	505122.0	5407854.3	10914.00000	323.71	130	48.823649	-86.930219	56200.63	56250.7	-0.67	56199.96	56199.05859	56214.67112	56216.81641	505122.0	5407854.3
L5120.0	505122.0	5407854.6	10914.00000	323.71	130	48.823651	-86.930218	56200.58	56250.7	-0.67	56199.91	56199.01172	56215.30225	56217.39063	505122.0	5407854.6
L5120.0	505122.1	5407854.8	10914.20020	324.51	130	48.823653	-86.930217	56200.63	56250.7	-0.67	56199.96	56199.06250	56218.19331	56220.22656	505122.1	5407854.8
L5120.0	505122.1	5407855.0	10914.29981	323.39	130	48.823655	-86.930217	56200.68	56250.7	-0.67	56200.01	56199.11719	56221.25135	56223.23047	505122.1	5407855.0
L5120.0	505122.2	5407855.3	10914.40039	321.46	130	48.823658	-86.930216	56200.70	56250.7	-0.67	56200.02	56199.12891	56223.65501	56225.57813	505122.2	5407855.3
L5120.0	505122.2	5407855.3	10914.50000	320.46	130	48.823658	-86.930216	56200.63	56250.7	-0.68	56199.96	56199.07031	56224.79655	56226.66406	505122.2	5407855.3
L5120.0	505122.2	5407855.5	10914.59961	322.05	130	48.823660	-86.930215	56200.66	56250.7	-0.68	56199.98	56199.09375	56227.78464	56229.59766	505122.2	5407855.5
L5120.0	505122.3	5407855.9	10914.70020	321.10	130	48.823663	-86.930214	56200.48	56250.7	-0.68	56199.80	56198.91797	56226.84397	56228.60547	505122.3	5407855.9
L5120.0	505122.3	5407856.2	10914.79981	320.75	130	48.823665	-86.930214	56200.27	56250.7	-0.68	56199.60	56198.71875	56225.69677	56227.40625	505122.3	5407856.2
L5120.0	505122.4	5407856.4	10914.90039	320.55	130	48.823668	-86.930213	56200.10	56250.7	-0.68	56199.42	56198.54297	56225.16790	56226.82422	505122.4	5407856.4

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5120.0	505122.4	5407856.4	10915.00000	321.11	130	48.823668	-86.930213	56199.94	56250.7	-0.68	56199.26	56198.38672	56225.25606	56226.86328	505122.4	5407856.4
L5120.0	505122.4	5407856.7	10915.09961	321.09	130	48.823671	-86.930213	56199.69	56250.7	-0.68	56199.01	56198.14063	56223.69444	56225.25000	505122.4	5407856.7
L5120.0	505122.4	5407857.1	10915.20020	321.50	130	48.823674	-86.930212	56199.34	56250.7	-0.68	56198.65	56197.78125	56220.06318	56221.57031	505122.4	5407857.1
L5120.0	505122.5	5407857.7	10915.29981	322.84	130	48.823679	-86.930212	56199.00	56250.7	-0.68	56198.32	56197.45703	56217.24437	56218.70703	505122.5	5407857.7
L5120.0	505122.5	5407857.7	10915.40039	323.07	130	48.823679	-86.930212	56198.59	56250.7	-0.68	56197.90	56197.03906	56212.75089	56214.16406	505122.5	5407857.7
L5120.0	505122.5	5407858.1	10915.50000	321.32	130	48.823683	-86.930211	56198.28	56250.7	-0.68	56197.59	56196.73047	56210.72009	56212.08984	505122.5	5407858.1
L5120.0	505122.5	5407858.5	10915.59961	320.44	130	48.823687	-86.930211	56197.98	56250.7	-0.69	56197.30	56196.44531	56209.29133	56210.61719	505122.5	5407858.5
L5120.0	505122.5	5407859.0	10915.70020	321.98	130	48.823691	-86.930211	56197.72	56250.7	-0.69	56197.04	56196.18750	56208.67443	56209.95703	505122.5	5407859.0
L5120.0	505122.5	5407859.5	10915.79981	320.35	130	48.823695	-86.930211	56197.44	56250.7	-0.69	56196.75	56195.90234	56207.61760	56208.85938	505122.5	5407859.5
L5120.0	505122.5	5407859.5	10915.90039	319.84	130	48.823695	-86.930211	56197.12	56250.7	-0.69	56196.43	56195.58594	56206.11346	56207.31250	505122.5	5407859.5
L5120.0	505122.6	5407859.9	10916.00000	319.37	130	48.823699	-86.930211	56196.86	56250.7	-0.69	56196.17	56195.32813	56206.04811	56207.20703	505122.6	5407859.9
L5120.0	505122.5	5407860.5	10916.00000	319.37	130	48.823704	-86.930211	56196.64	56250.7	-0.69	56195.95	56195.11328	56207.00841	56208.12891	505122.5	5407860.5
L5120.0	505122.5	5407860.7	10916.20020	320.96	130	48.823707	-86.930211	56196.32	56250.7	-0.69	56195.64	56194.80469	56206.24606	56207.33203	505122.5	5407860.7
L5120.0	505122.5	5407861.3	10916.29981	323.33	130	48.823712	-86.930211	56195.96	56250.7	-0.68	56195.28	56194.44922	56204.58990	56205.64063	505122.5	5407861.3
L5120.0	505122.5	5407862.1	10916.40039	323.00	130	48.823719	-86.930211	56195.73	56250.7	-0.68	56195.04	56194.21094	56205.64892	56206.66797	505122.5	5407862.1
L5120.0	505122.5	5407862.1	10916.50000	324.39	130	48.823719	-86.930211	56195.38	56250.7	-0.68	56194.70	56193.87500	56204.74124	56205.72656	505122.5	5407862.1
L5120.0	505122.5	5407862.7	10916.59961	323.10	130	48.823724	-86.930211	56194.99	56250.7	-0.68	56194.31	56193.49219	56202.91754	56203.87109	505122.5	5407862.7
L5120.0	505122.5	5407863.3	10916.70020	322.48	130	48.823730	-86.930211	56194.69	56250.7	-0.68	56194.01	56193.19531	56203.16991	56204.09375	505122.5	5407863.3
L5120.0	505122.5	5407863.6	10916.79981	323.34	130	48.823733	-86.930211	56194.31	56250.7	-0.67	56193.63	56192.82031	56201.85338	56202.75000	505122.5	5407863.6
L5120.0	505122.5	5407864.4	10916.90039	323.95	130	48.823739	-86.930211	56193.88	56250.7	-0.67	56193.20	56192.39453	56199.60148	56200.47266	505122.5	5407864.4
L5120.0	505122.5	5407865.0	10917.00000	324.97	130	48.823745	-86.930211	56193.50	56250.7	-0.67	56192.83	56192.02734	56198.77449	56199.62109	505122.5	5407865.0
L5120.0	505122.5	5407865.6	10917.09961	324.50	130	48.823750	-86.930212	56193.11	56250.7	-0.67	56192.44	56191.64063	56197.64886	56198.47266	505122.5	5407865.6
L5120.0	505122.5	5407865.6	10917.20020	323.63	130	48.823750	-86.930212	56192.64	56250.7	-0.67	56191.97	56191.17578	56194.92866	56195.73047	505122.5	5407865.6
L5120.0	505122.5	5407866.6	10917.29981	322.94	130	48.823759	-86.930212	56192.32	56250.7	-0.68	56191.65	56190.85938	56195.55862	56196.33984	505122.5	5407866.6
L5120.0	505122.4	5407867.3	10917.40039	323.00	130	48.823766	-86.930212	56191.93	56250.7	-0.68	56191.25	56190.46484	56194.58478	56195.34766	505122.4	5407867.3
L5120.0	505122.4	5407867.3	10917.50000	322.41	130	48.823766	-86.930212	56191.60	56250.7	-0.68	56190.92	56190.14063	56195.22577	56195.97266	505122.4	5407867.3
L5120.0	505122.4	5407868.4	10917.59961	322.10	130	48.823776	-86.930213	56191.22	56250.7	-0.68	56190.54	56189.76563	56194.89844	56195.62891	505122.4	5407868.4
L5120.0	505122.4	5407868.4	10917.70020	321.65	130	48.823776	-86.930213	56190.79	56250.7	-0.68	56190.10	56189.33203	56193.38845	56194.10547	505122.4	5407868.4
L5120.0	505122.4	5407869.0	10917.79981	320.18	130	48.823781	-86.930213	56190.39	56250.7	-0.69	56189.71	56188.94531	56193.04551	56193.75391	505122.4	5407869.0
L5120.0	505122.4	5407869.9	10917.90039	320.75	130	48.823789	-86.930213	56189.95	56250.7	-0.69	56189.26	56188.50000	56191.51520	56192.21094	505122.4	5407869.9
L5120.0	505122.3	5407870.3	10918.00000	321.44	130	48.823792	-86.930213	56189.50	56250.7	-0.69	56188.81	56188.05469	56190.07530	56190.76563	505122.3	5407870.3
L5120.0	505122.3	5407871.0	10918.00000	321.44	130	48.823799	-86.930214	56189.22	56250.7	-0.69	56188.53	56187.78125	56192.32641	56193.00781	505122.3	5407871.0
L5120.0	505122.3	5407871.8	10918.20020	323.49	130	48.823806	-86.930214	56188.77	56250.7	-0.69	56188.08	56187.33594	56191.04437	56191.72266	505122.3	5407871.8
L5120.0	505122.3	5407872.4	10918.29981	324.32	130	48.823812	-86.930214	56188.59	56250.7	-0.69	56187.90	56187.16406	56195.54404	56196.21875	505122.3	5407872.4
L5120.0	505122.3	5407873.2	10918.40039	324.97	130	48.823819	-86.930214	56188.16	56250.7	-0.69	56187.47	56186.73828	56194.81948	56195.49219	505122.3	5407873.2
L5120.0	505122.3	5407873.2	10918.50000	322.80	130	48.823819	-86.930214	56187.90	56250.7	-0.69	56187.21	56186.48438	56197.74162	56198.41406	505122.3	5407873.2
L5120.0	505122.3	5407874.0	10918.59961	321.89	130	48.823826	-86.930214	56187.46	56250.7	-0.69	56186.77	56186.05078	56196.92548	56197.59766	505122.3	5407874.0
L5120.0	505122.3	5407874.7	10918.70020	322.46	130	48.823832	-86.930214	56187.02	56250.7	-0.69	56186.33	56185.61719	56196.16555	56196.84375	505122.3	5407874.7
L5120.0	505122.3	5407875.4	10918.79981	321.86	130	48.823839	-86.930214	56186.46	56250.7	-0.69	56185.77	56185.06250	56192.93808	56193.62109	505122.3	5407875.4
L5120.0	505122.3	5407876.1	10918.90039	320.67	130	48.823845	-86.930214	56185.96	56250.7	-0.69	56185.27	56184.57031	56191.02239	56191.71094	505122.3	5407876.1
L5120.0	505122.3	5407877.0	10919.00000	321.84	130	48.823853	-86.930214	56185.38	56250.7	-0.69	56184.68	56183.98828	56187.26671	56187.96484	505122.3	5407877.0
L5120.0	505122.3	5407877.7	10919.09961	322.91	130	48.823859	-86.930214	56184.92	56250.7	-0.69	56184.23	56183.54297	56186.48852	56187.19531	505122.3	5407877.7
L5120.0	505122.3	5407878.5	10919.20020	322.03	130	48.823867	-86.930214	56184.50	56250.7	-0.69	56183.81	56183.13281	56186.37536	56187.09375	505122.3	5407878.5
L5120.0	505122.3	5407878.5	10919.29981	321.16	130	48.823867	-86.930214	56183.96	56250.7	-0.69	56183.27	56182.59766	56183.78567	56184.51563	505122.3	5407878.5
L5120.0	505122.3	5407879.9	10919.40039	320.42	130	48.823879	-86.930214	56183.54	56250.7	-0.69	56182.85	56182.18750	56183.73736	56184.48047	505122.3	5407879.9
L5120.0	505122.3	5407880.7	10919.50000	320.09	130	48.823886	-86.930214	56183.23	56250.7	-0.69	56182.54	56181.88281	56186.01311	56186.77344	505122.3	5407880.7
L5120.0	505122.3	5407880.7	10919.59961	321.90	130	48.823886	-86.930214	56182.79	56250.7	-0.69	56182.10	56181.44922	56185.59697	56186.37109	505122.3	5407880.7
L5120.0	505122.3	5407881.6	10919.70020	323.21	130	48.823894	-86.930214	56182.46	56250.7	-0.69	56181.77	56181.12891	56187.49545	56188.28906	505122.3	5407881.6
L5120.0	505122.3	5407882.4	10919.79981	322.90	130	48.823902	-86.930214	56181.99	56250.7	-0.69	56181.30	56180.66797	56186.49377	56187.30859	505122.3	5407882.4
L5120.0	505122.3	5407883.3	10919.90039	322.29	130	48.823910	-86.930214	56181.63	56250.7	-0.69	56180.94	56180.31250	56187.79692	56188.63281	505122.3	5407883.3
L5120.0	505122.2	5407884.2	10920.00000	319.58	130	48.823918	-86.930215	56181.18	56250.7	-0.69	56180.49	56179.87109	56187.24112	56188.09766	505122.2	5407884.2
L5120.0	505122.2	5407884.2	10920.00000	319.58	130	48.823918	-86.930215	56180.74	56250.7	-0.69	56180.05	56179.44141	56186.90457	56187.78516	505122.2	5407884.2
L5120.0	505122.2	5407885.2	10920.20020	321.13	130	48.823927	-86.930215	56180.14	56250.7	-0.69	56179.45	56178.84766	56183.27057	56184.17578	505122.2	5407885.2
L5120.0	505122.2	5407886.2	10920.29981	321.14	130	48.823935	-86.930216	56179.80	56250.7	-0.70	56179.10	56178.50781	56184.81343	56185.74609	505122.2	5407886.2
L5120.0	505122.2	5407886.9	10920.40039	321.57	130	48.823942	-86.930216	56179.15	56250.7	-0.70	56178.45	56177.86719	56180.18583	56181.14453	505122.2	5407886.9
L5120.0	505122.1	5407887.7	10920.50000	322.77	130	48.823949	-86.930216	56178.74	56250.7	-0.70	56178.04	56177.46484	56180.50604	56181.49219	505122.1	5407887.7
L5120.0	505122.1	5407888.4	10920.59961	322.37	130	48.823956	-86.930217	56178.32	56250.7	-0.70	56177.62	56177.05469	56180.62082	56181.63672	505122.1	5407888.4
L5120.0	505122.0	5407889.5	10920.70020	321.86	130	48.823965	-86.930218	56177.89	56250.7	-0.70	56177.19	56176.63281	56180.53044	56181.57813	505122.0	5407889.5
L5120.0	505122.0	5407889.5	10920.79981	321.06	130	48.823965	-86.930218	56177.41	56250.7	-0.71	56176.70	56176.15234	56179.22306	56180.30078	505122.0	5407889.5
L5120.0	505122.0	5407890.4	10920.90039	320.38	130	48.823973	-86.930218	56177.11	56250.7	-0.71	56176.40	56175.86328	56181.75410	56182.86719	505122.0	5407890.4
L5120.0	505121.9	5407891.5	10921.00000	321.15	130	48.823983	-86.930219	56176.60	56250.7	-0.71	56175.89	56175.36328	56180.04116	56181.18359	505121.9	5407891.5
L5120.0	505121.8	5407892.1	10921.09961	320.63	130	48.823989	-86.930220	56176.14	56250.7	-0.71	56175.43	56174.91016	56179.33596	56180.51563	505121.8	5407892.1
L5120.0	505121.8	5407893.1	10921.20020	320.07	130	48.823998	-86.930221	56175.67	56250.7	-0.72	56174.95	56174.44141	56178.23105	56179.44531	505121.8	5407893.1
L5120.0	505121.7	5407893.8	10921.29981	320.28	130	48.824004	-86.930222	56175.06	56250.7	-0.72	56174.34	56173.84375	56174.54924	56175.79688	505121.7	5407893.8
L5120.0	505121.7	5407894.6	10921.40039	321.11	130	48.824011	-86.930222	56174.50	56250.7	-0.73	56173.77	56173.28125	56171.67714	56172.96484	505121.7	5407894.6
L5120.0	505121.6	5407895.7	10921.50000	321.20	130	48.824021	-86.930223	56174.02	56250.7	-0.73	56173.29	56172.81250	56170.58652	56171.91016	505121.6	5407895.7
L5120.0	505121.6	5407895.7	10921.59961	323.94	130	48.824021	-86.930223	56173.56	56250.7	-0.73	56172.83	56172.36328	56169.88329	56171.24219	505121.6	5407895.7
L5120.0	505121.5	5407896.7	10921.70020	323.27	130	48.824030	-86.930224	56173.11	56250.7	-0.74	56172.37	56171.91406	56169.17088	56170.57031	505121.5	5407896.7
L5120.0	505121.5	5407897.7	10921.79981	321.43	130	48.824039	-86.930225	56172.58	56250.7	-0.74	56171.84	56171.39453	56167.08190	56168.51953	505121.5	5407897.7
L5120.0	505121.4	5407898.9	10921.90039	318.51	130	48.824050	-86.930226	56172.22	56250.7	-0.75	56171.48	56171.04688	56168.29631	56169.77344	505121.4	5407898.9
L5120.0	505121.4	5407899.8	10922.00000	319.09	130	48.824058	-86.930226	56171.84	56250.8	-0.75	56171.09	56170.66797	56168.90783	56170.42578	505121.4	5407899.8
L5120.0	505121.3	5407900.6	10922.00000	319.09	130	48.824065	-86.930227	56171.36	56250.8	-0.75	56170.61	56170.19922	56167.75287	56169.30859	505121.3	5407900.6
L5120.0	505121.3	5407901.5	10922.20020	321.17	130	48.824073	-86.930227	56170.93	56250.8	-0.75	56170.18	56169.78125	56167.55445	56169.15234	505121.3	5407901.5
L5120.0	505121.3	5407901.5	10922.29981	321.36	130	48.824073	-86.930227	56170.45	56250.8	-0.75	56169.70	56169.31250	56166.36625	56168.00781	505121.3	5407901.5
L5120.0	505121.3	5407902.5	10922.40039	318.22	130	48.824082	-86.930228	56169.98	56250.8	-0.75	56169.23	56168.85547	56165.35334	56167.03516	505121.3	5407902.5
L5120.0	505121.2	5407903.5	10922.50000	319.68	130	48.824092	-86.930228	56169.51	56250.8	-0.75	56168.76	56168.39844	56164.31982	56166.04297	505121.2	5407903.5
L5120.0	505121.2	5407904.6	10922.59961	318.50	130	48.824101	-86.930228	56169.12	56250.8	-0.75	56168.37	56168.01953	56164.83187	56166.59375	505121.2	5407904.6
L5120.0	505121.2	5407905.3	10922.70020	317.12	130	48.824107	-86.930228	56168.61	56250.8	-0.75	56167.86	56167.52344	56162.97208	56164.77734	505121.2	5407905.3
L5120.0	505121.2	5407906.3	10922.79981	319.36	130	48.824117	-86.930228	56168.15	56250.8	-0.75	56167.40	56167.07422	56162.06979	56163.91797	505121.2	5407906.3
L5120.0	505121.2	5407906.3	10922.90039	320.76	130	48.824117	-86.930228	56167.78	56250.8	-0.75	56167.03	56166.71875	56162.92602	56164.81641	505121.2	5407906.3
L5120.0	505121.2	5407907.5	10923.00000	319.96	130	48.824127	-86.930228	56167.41	56250.8	-0.75	56166.66	56166.36328	56163.77238	56165.70313	505121.2	5407907.5
L5120.0	505121.2	5407908.6	10923.09961	319.29	130	48.824138	-86.930228	56167.02	56250.7	-0.75	56166.27	56165.98438	56164.21028	56166.18359	505121.2	5407908.6
L5120.0	505121.2	5407909.6	10923.20020	320.98	130	48.824146	-86.930228	56166.57	56250.7	-0.75	56165.83	56165.55859	56163.63496	56165.65234	505121.2	5407909.6
L5120.0	505121.3	5407910.7	10923.29981	322.95	130	48.824156	-86.930228	56166.13	56250.7	-0.74	56165.39	56165.13281	56163.03933	56165.09766	505121.3	5407910.7
L5120.0	505121.3	5407911.6	10923.40039	320.89	130	48.824164	-86.930228	56165.64	56250.7	-0.74	56164.90	56164.65625	56161.41583	56163.51563	505121.3	5407911.6
L5120.0	505121.3	5407912.6	10923.50000	320.11	130	48.824174	-86.930227	56165.21	56250.7	-0.74	56164.47	56164.23828	56160.97854	56163.11719	505121.3	5407912.6
L5120.0	505121.3	5407912.6	10923.59961	321.86	130	48.824174	-86.930227	56164.82	56250.7	-0.74	56164.08	56163.86328	56161.33392	56163.51563	505121.3	5407912.6
L5120.0	505121.3	5407913.9	10923.70020	320.98	130	48.824185	-86.930227	56164.30	56250.7	-0.74	56163.56	56163.35938	56159.03236	56161.25391	505121.3	5407913.9
L5120.0	505121.4	5407914.8	10923.79981	322.41	130	48.824193	-86.930226	56163.93	56250.7	-0.73	56163.20	56163.01172	56159.96502	56162.22656	505121.4	5407914.8
L5120.0	505121.4	5407915.9	10923.90039	321.39	130	48.824203	-86.930226	56163.52	56250.7	-0.73	56162.79	56162.61719	56159.86545	56162.16797	505121.4	5407915.9
L5120.0	505121.4	5407917.2	10924.00000	320.86	130	48.824215	-86.930225	56163.22	56250.7	-0.73	56162.49	56162.33203	56161.99884	56164.34375	505121.4	5407917.2
L5120.0	505121.4	5407917.2	10924.00000	320.86	130	48.824215	-86.930225	56162.71	56250.7	-0.73	56161.98	56161.83984	56159.82415	56162.20703	505121.4	5407917.2
L5120.0	505121.5	5407918.1	10924.20020	322.97	130	48.824223	-86.930225	56162.46	56250.7	-0.73	56161.72	56161.59375	56162.74736	56165.16797	505121.5	5407918.1

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5120.0	505121.5	5407919.2	10924.29981	320.79	130	48.824233	-86.930224	56162.02	56250.7	-0.74	56161.29	56161.17969	56162.17596	56164.63672	505121.5	5407919.2
L5120.0	505121.5	5407920.4	10924.40039	320.25	130	48.824244	-86.930224	56161.58	56250.7	-0.74	56160.84	56160.74609	56161.17981	56163.67969	505121.5	5407920.4
L5120.0	505121.6	5407921.5	10924.50000	322.05	130	48.824253	-86.930223	56161.06	56250.7	-0.74	56160.32	56160.24219	56158.74082	56161.27734	505121.6	5407921.5
L5120.0	505121.6	5407921.5	10924.59961	319.86	130	48.824253	-86.930223	56160.56	56250.7	-0.74	56159.82	56159.75781	56156.70233	56159.27344	505121.6	5407921.5
L5120.0	505121.6	5407923.4	10924.70020	320.27	130	48.824270	-86.930222	56160.16	56250.7	-0.74	56159.42	56159.37500	56156.69197	56159.30078	505121.6	5407923.4
L5120.0	505121.7	5407924.4	10924.79981	320.99	130	48.824279	-86.930222	56159.83	56250.7	-0.75	56159.08	56159.05078	56157.88573	56160.53125	505121.7	5407924.4
L5120.0	505121.7	5407924.4	10924.90039	321.79	130	48.824279	-86.930222	56159.32	56250.7	-0.75	56158.57	56158.55469	56155.62132	56158.30078	505121.7	5407924.4
L5120.0	505121.7	5407925.5	10925.00000	321.89	130	48.824289	-86.930222	56158.97	56250.8	-0.75	56158.22	56158.22266	56156.58517	56159.29688	505121.7	5407925.5
L5120.0	505121.7	5407927.0	10925.09961	322.14	130	48.824303	-86.930221	56158.61	56250.8	-0.75	56157.85	56157.87109	56157.12962	56159.87500	505121.7	5407927.0
L5120.0	505121.7	5407927.0	10925.20020	320.62	130	48.824303	-86.930221	56158.34	56250.8	-0.76	56157.58	56157.61719	56159.66369	56162.44141	505121.7	5407927.0
L5120.0	505121.8	5407928.3	10925.29981	319.40	130	48.824315	-86.930220	56157.70	56250.8	-0.76	56156.94	56156.99609	56154.78168	56157.59375	505121.8	5407928.3
L5120.0	505121.8	5407929.4	10925.40039	320.75	130	48.824325	-86.930220	56157.25	56250.8	-0.77	56156.48	56156.55469	56153.50650	56156.35156	505121.8	5407929.4
L5120.0	505121.8	5407930.4	10925.50000	319.56	130	48.824333	-86.930220	56156.82	56250.8	-0.78	56156.04	56156.12891	56152.62908	56155.50391	505121.8	5407930.4
L5120.0	505121.8	5407931.8	10925.59961	319.50	130	48.824346	-86.930220	56156.48	56250.8	-0.78	56155.70	56155.80859	56153.72689	56156.62891	505121.8	5407931.8
L5120.0	505121.8	5407932.5	10925.70020	321.09	130	48.824352	-86.930220	56156.09	56250.8	-0.79	56155.30	56155.42578	56153.62940	56156.56250	505121.8	5407932.5
L5120.0	505121.8	5407933.7	10925.79981	320.24	130	48.824363	-86.930219	56155.55	56250.8	-0.79	56154.76	56154.90625	56150.78129	56153.74219	505121.8	5407933.7
L5120.0	505121.8	5407933.7	10925.90039	319.92	130	48.824363	-86.930219	56155.07	56250.8	-0.80	56154.28	56154.44531	56149.12251	56152.10938	505121.8	5407933.7
L5120.0	505121.9	5407934.6	10926.00000	319.65	130	48.824371	-86.930219	56154.74	56250.8	-0.80	56153.94	56154.12109	56150.19780	56153.21094	505121.9	5407934.6
L5120.0	505121.9	5407935.7	10926.00000	319.65	130	48.824381	-86.930219	56154.32	56250.8	-0.80	56153.52	56153.72266	56149.71042	56152.75000	505121.9	5407935.7
L5120.0	505121.9	5407936.8	10926.20020	319.18	130	48.824391	-86.930219	56153.86	56250.8	-0.79	56153.06	56153.28125	56148.45144	56151.51563	505121.9	5407936.8
L5120.0	505121.9	5407938.3	10926.29981	318.61	130	48.824404	-86.930219	56153.45	56250.8	-0.79	56152.66	56152.89844	56148.35444	56151.44531	505121.9	5407938.3
L5120.0	505121.9	5407938.9	10926.40039	320.06	130	48.824410	-86.930219	56153.00	56250.8	-0.79	56152.22	56152.48047	56147.48961	56150.60156	505121.9	5407938.9
L5120.0	505121.9	5407940.3	10926.50000	320.35	130	48.824422	-86.930218	56152.84	56250.8	-0.79	56152.05	56152.32813	56151.78777	56154.92188	505121.9	5407940.3
L5120.0	505121.9	5407940.3	10926.59961	320.58	130	48.824422	-86.930218	56152.47	56250.8	-0.78	56151.69	56151.98828	56152.43781	56155.59375	505121.9	5407940.3
L5120.0	505121.9	5407941.4	10926.70020	319.48	130	48.824433	-86.930218	56152.04	56250.8	-0.78	56151.26	56151.57813	56151.75538	56154.92969	505121.9	5407941.4
L5120.0	505121.9	5407942.6	10926.79981	318.89	130	48.824443	-86.930218	56151.48	56250.8	-0.78	56150.70	56151.03906	56148.62111	56151.81641	505121.9	5407942.6
L5120.0	505122.0	5407943.7	10926.90039	318.44	130	48.824453	-86.930218	56151.00	56250.8	-0.77	56150.22	56150.57813	56147.01610	56150.23047	505122.0	5407943.7
L5120.0	505122.0	5407943.7	10927.00000	319.45	130	48.824453	-86.930218	56150.57	56250.8	-0.77	56149.80	56150.17969	56146.54897	56149.78125	505122.0	5407943.7
L5120.0	505122.0	5407945.4	10927.09961	320.97	130	48.824468	-86.930217	56150.22	56250.8	-0.77	56149.45	56149.85156	56147.39408	56150.64453	505122.0	5407945.4
L5120.0	505122.0	5407946.0	10927.20020	319.34	130	48.824474	-86.930217	56149.81	56250.8	-0.77	56149.03	56149.45313	56146.93000	56150.19531	505122.0	5407946.0
L5120.0	505122.0	5407947.2	10927.29981	320.31	130	48.824484	-86.930217	56149.36	56250.8	-0.78	56148.58	56149.02344	56145.91374	56149.19531	505122.0	5407947.2
L5120.0	505122.0	5407948.6	10927.40039	320.01	130	48.824497	-86.930217	56148.98	56250.8	-0.78	56148.20	56148.66406	56146.19789	56149.49609	505122.0	5407948.6
L5120.0	505122.0	5407949.6	10927.50000	317.75	130	48.824506	-86.930217	56148.65	56250.8	-0.78	56147.87	56148.35547	56147.39742	56150.71094	505122.0	5407949.6
L5120.0	505122.0	5407951.0	10927.59961	318.90	130	48.824519	-86.930217	56148.19	56250.8	-0.78	56147.41	56147.91797	56146.20726	56149.53125	505122.0	5407951.0
L5120.0	505122.0	5407951.4	10927.70020	318.69	130	48.824522	-86.930217	56147.71	56250.8	-0.78	56146.92	56147.44922	56144.48006	56147.81641	505122.0	5407951.4
L5120.0	505122.0	5407952.6	10927.79981	317.49	130	48.824533	-86.930217	56147.21	56250.8	-0.79	56146.43	56146.98047	56142.76625	56146.11719	505122.0	5407952.6
L5120.0	505122.0	5407953.9	10927.90039	318.82	130	48.824544	-86.930217	56146.77	56250.8	-0.79	56145.98	56146.55078	56141.78638	56145.14844	505122.0	5407953.9
L5120.0	505122.0	5407953.9	10928.00000	317.70	130	48.824544	-86.930217	56146.22	56250.8	-0.79	56145.43	56146.02344	56139.01478	56142.38672	505122.0	5407953.9
L5120.0	505122.0	5407954.9	10928.00000	317.70	130	48.824554	-86.930217	56145.79	56250.8	-0.79	56145.00	56145.61719	56138.40771	56141.78906	505122.0	5407954.9
L5120.0	505122.0	5407956.1	10928.20020	318.36	130	48.824565	-86.930217	56145.36	56250.8	-0.80	56144.56	56145.19922	56137.62044	56141.01172	505122.0	5407956.1
L5120.0	505122.0	5407957.4	10928.29981	319.51	130	48.824576	-86.930217	56144.98	56250.8	-0.80	56144.18	56144.84375	56137.89751	56141.29688	505122.0	5407957.4
L5120.0	505122.0	5407958.2	10928.40039	318.68	130	48.824584	-86.930217	56144.65	56250.8	-0.80	56143.85	56144.53516	56139.05204	56142.46094	505122.0	5407958.2
L5120.0	505122.0	5407959.4	10928.50000	318.70	130	48.824595	-86.930217	56144.45	56250.8	-0.81	56143.65	56144.35938	56142.49580	56145.91406	505122.0	5407959.4
L5120.0	505122.0	5407960.5	10928.59961	316.55	130	48.824604	-86.930217	56143.98	56250.8	-0.81	56143.18	56143.91016	56141.15048	56144.57422	505122.0	5407960.5
L5120.0	505122.0	5407961.7	10928.70020	317.94	130	48.824615	-86.930217	56143.62	56250.8	-0.81	56142.81	56143.56250	56141.56928	56145.00000	505122.0	5407961.7
L5120.0	505122.1	5407963.0	10928.79981	317.59	130	48.824626	-86.930216	56143.06	56250.8	-0.81	56142.25	56143.02734	56138.62356	56142.06250	505122.1	5407963.0
L5120.0	505122.1	5407963.0	10928.90039	316.00	130	48.824626	-86.930216	56142.52	56250.8	-0.82	56141.71	56142.51172	56136.02169	56139.46875	505122.1	5407963.0
L5120.0	505122.1	5407964.4	10929.00000	315.93	130	48.824639	-86.930216	56141.84	56250.8	-0.82	56141.02	56141.84375	56130.74744	56134.19922	505122.1	5407964.4
L5120.0	505122.1	5407964.4	10929.09961	315.04	130	48.824639	-86.930216	56141.29	56250.8	-0.82	56140.47	56141.31641	56127.93239	56131.39063	505122.1	5407964.4
L5120.0	505122.1	5407966.3	10929.20020	316.96	130	48.824656	-86.930216	56140.96	56250.8	-0.82	56140.14	56141.01172	56129.01239	56132.47266	505122.1	5407966.3
L5120.0	505122.1	5407967.5	10929.29981	316.57	130	48.824667	-86.930215	56140.90	56250.8	-0.81	56140.08	56140.97656	56134.90898	56138.37500	505122.1	5407967.5
L5120.0	505122.1	5407968.8	10929.40039	318.88	130	48.824679	-86.930215	56140.61	56250.8	-0.81	56139.80	56140.71875	56136.89449	56140.36719	505122.1	5407968.8
L5120.0	505122.1	5407968.8	10929.50000	318.07	130	48.824679	-86.930215	56140.36	56250.8	-0.81	56139.55	56140.49219	56139.42463	56142.89844	505122.1	5407968.8
L5120.0	505122.2	5407970.9	10929.59961	318.80	130	48.824698	-86.930214	56139.79	56250.8	-0.81	56138.98	56139.94531	56136.20433	56139.68359	505122.2	5407970.9
L5120.0	505122.2	5407971.5	10929.70020	320.33	130	48.824703	-86.930214	56139.39	56250.8	-0.81	56138.58	56139.57031	56136.02930	56139.51172	505122.2	5407971.5
L5120.0	505122.2	5407973.0	10929.79981	319.91	130	48.824717	-86.930214	56138.84	56250.8	-0.80	56138.04	56139.05469	56133.31548	56136.80078	505122.2	5407973.0
L5120.0	505122.2	5407973.0	10929.90039	319.16	130	48.824717	-86.930214	56138.55	56250.8	-0.80	56137.75	56138.78906	56135.11695	56138.60547	505122.2	5407973.0
L5120.0	505122.2	5407974.3	10930.00000	319.33	130	48.824728	-86.930214	56138.03	56250.8	-0.80	56137.23	56138.29297	56132.74210	56136.23438	505122.2	5407974.3
L5120.0	505122.2	5407975.6	10930.00000	319.33	130	48.824740	-86.930214	56137.59	56250.8	-0.80	56136.79	56137.87891	56131.80918	56135.30469	505122.2	5407975.6
L5120.0	505122.2	5407976.8	10930.20020	318.64	130	48.824751	-86.930214	56137.19	56250.8	-0.81	56136.38	56137.49219	56131.41493	56134.91406	505122.2	5407976.8
L5120.0	505122.2	5407978.1	10930.29981	318.33	130	48.824762	-86.930213	56136.84	56250.8	-0.81	56136.03	56137.16797	56132.10916	56135.61328	505122.2	5407978.1
L5120.0	505122.2	5407979.2	10930.40039	319.85	130	48.824772	-86.930213	56136.36	56250.8	-0.81	56135.54	56136.69922	56130.24297	56133.75000	505122.2	5407979.2
L5120.0	505122.3	5407980.3	10930.50000	318.50	130	48.824782	-86.930213	56135.95	56250.8	-0.82	56135.14	56136.32422	56130.01319	56133.52344	505122.3	5407980.3
L5120.0	505122.3	5407981.3	10930.59961	318.76	130	48.824791	-86.930213	56135.54	56250.8	-0.82	56134.72	56135.92969	56129.41200	56132.92578	505122.3	5407981.3
L5120.0	505122.3	5407981.3	10930.70020	319.53	130	48.824791	-86.930213	56135.14	56250.8	-0.82	56134.32	56135.55469	56129.17060	56132.68359	505122.3	5407981.3
L5120.0	505122.3	5407982.8	10930.79981	318.51	130	48.824805	-86.930213	56134.71	56250.8	-0.82	56133.89	56135.14844	56128.37449	56131.89063	505122.3	5407982.8
L5120.0	505122.3	5407983.9	10930.90039	317.73	130	48.824815	-86.930213	56134.31	56250.8	-0.83	56133.48	56134.76172	56127.93890	56131.45703	505122.3	5407983.9
L5120.0	505122.3	5407985.5	10931.00000	317.50	130	48.824829	-86.930213	56133.80	56250.8	-0.83	56132.97	56134.27734	56125.66523	56129.18750	505122.3	5407985.5
L5120.0	505122.3	5407986.6	10931.09961	318.48	130	48.824839	-86.930213	56133.39	56250.8	-0.83	56132.57	56133.89844	56125.40268	56128.92969	505122.3	5407986.6
L5120.0	505122.2	5407987.5	10931.20020	318.37	130	48.824847	-86.930213	56132.92	56250.8	-0.83	56132.09	56133.44531	56123.66692	56127.19531	505122.2	5407987.5
L5120.0	505122.2	5407988.4	10931.29981	317.49	130	48.824855	-86.930213	56132.61	56250.8	-0.83	56131.78	56133.16016	56125.05220	56128.58594	505122.2	5407988.4
L5120.0	505122.2	5407989.9	10931.40039	317.16	130	48.824868	-86.930213	56132.21	56250.8	-0.83	56131.38	56132.78125	56124.78256	56128.31641	505122.2	5407989.9
L5120.0	505122.2	5407991.0	10931.50000	318.65	130	48.824878	-86.930213	56131.81	56250.8	-0.82	56130.98	56132.40625	56124.51254	56128.05078	505122.2	5407991.0
L5120.0	505122.2	5407992.0	10931.59961	320.16	130	48.824887	-86.930213	56131.50	56250.8	-0.82	56130.67	56132.12109	56125.90714	56129.44922	505122.2	5407992.0
L5120.0	505122.2	5407993.3	10931.70020	321.60	130	48.824899	-86.930214	56131.14	56250.8	-0.82	56130.32	56131.79297	56126.56943	56130.11328	505122.2	5407993.3
L5120.0	505122.2	5407993.3	10931.79981	320.78	130	48.824899	-86.930214	56130.74	56250.8	-0.82	56129.92	56131.41797	56126.31112	56129.85938	505122.2	5407993.3
L5120.0	505122.2	5407994.7	10931.90039	319.89	130	48.824912	-86.930214	56130.36	56250.8	-0.82	56129.54	56131.05859	56126.43018	56129.98438	505122.2	5407994.7
L5120.0	505122.2	5407996.2	10932.00000	319.26	130	48.824925	-86.930214	56129.92	56250.8	-0.82	56129.10	56130.64453	56125.43903	56128.99609	505122.2	5407996.2
L5120.0	505122.2	5407996.2	10932.00000	319.26	130	48.824925	-86.930214	56129.56	56250.8	-0.82	56128.74	56130.30859	56125.94754	56129.50781	505122.2	5407996.2
L5120.0	505122.2	5407997.4	10932.20020	319.60	130	48.824936	-86.930214	56129.13	56250.8	-0.82	56128.31	56129.89844	56125.15838	56128.72266	505122.2	5407997.4
L5120.0	505122.2	5407998.8	10932.29981	319.04	130	48.824948	-86.930214	56128.66	56250.8	-0.81	56127.85	56129.46094	56123.81600	56127.38672	505122.2	5407998.8
L5120.0	505122.1	5408000.1	10932.40039	318.78	130	48.824960	-86.930215	56128.18	56250.8	-0.81	56127.37	56129.00391	56122.10799	56125.68359	505122.1	5408000.1
L5120.0	505122.1	5408001.6	10932.50000	319.80	130	48.824973	-86.930215	56127.55	56250.8	-0.81	56126.74	56128.39844	56117.59475	56121.17578	505122.1	5408001.6
L5120.0	505122.1	5408002.7	10932.59961	322.55	130	48.824984	-86.930215	56127.05	56250.8	-0.81	56126.24	56127.91797	56115.53768	56119.12500	505122.1	5408002.7
L5120.0	505122.1	5408002.7	10932.70020	321.66	130	48.824984	-86.930215	56126.62	56250.8	-0.81	56125.81	56127.51172	56114.81589	56118.41016	505122.1	5408002.7
L5120.0	505122.1	5408004.0	10932.79981	320.87	130	48.824995	-86.930215	56126.58	56250.8	-0.80	56125.78	56127.50391	56121.62138	56125.21875	505122.1	5408004.0
L5120.0	505122.1	5408005.5	10932.90039	320.03	130	48.825009	-86.930216	56126.29	56250.8	-0.80	56125.48	56127.22266	56123.37007	56126.97266	505122.1	5408005.5
L5120.0	505122.1	5408005.5	10933.00000	319.53	130	48.825009	-86.930216	56125.93	56250.8	-0.80	56125.13	56126.89453	56124.19500	56127.80469	505122.1	5408005.5
L5120.0	505122.1	5408007.2	10933.09961	319.74	122.49	48.825024	-86.930216	56125.40	56250.8	-0.80	56124.60	56126.38672	56121.67512	56125.29297	505122.1	5408007.2
L5120.0	505122.1	5408008.5	10933.20020	318.43	122.49	48.825036	-86.930216	56124.92	56250.8	-0.80	56124.11	56125.91797	56119.92964	56123.55469	505122.1	5408008.5
L5120.0	505122.1	5408009.4	10933.29981	318.83	115.23	48.825044	-86.930216	56124.39	56250.8	-0.81	56123.59	56125.41797	56117.65451	56121.28906	505122.1	5408009.4
L5120.0	505122.1	5408010.9	10933.40039	317.60	115.23	48.825058	-86.930216	56123.98	56250.8	-0.81	56123.18	56125.02734	56117.44686	56121.08984	505122.1	5408010.9
L5120.0	505122.1	5408012.0	10933.50000	317.86	115.31	48.825068	-86.930216	56123.50	56250.8	-0.81	56122.69	56124.55469	56115.78187	56119.43359	505122.1	5408012.0

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5120.0	505122.1	5408012.0	10933.59961	316.67	115.31	48.825068	-86.930216	56123.20	56250.8	-0.81	56122.39	56124.27344	56117.64543	56121.30469	505122.1	5408012.0
L5120.0	505122.0	5408013.5	10933.70020	319.00	114.07	48.825081	-86.930216	56122.80	56250.8	-0.81	56121.98	56123.88281	56117.49809	56121.16797	505122.0	5408013.5
L5120.0	505122.0	5408015.0	10933.79981	319.13	114.07	48.825095	-86.930216	56122.38	56250.8	-0.82	56121.56	56123.48047	56117.18845	56120.86719	505122.0	5408015.0
L5120.0	505122.0	5408016.4	10933.90039	318.39	112.72	48.825107	-86.930216	56121.84	56250.8	-0.82	56121.02	56122.96094	56114.70056	56118.39063	505122.0	5408016.4
L5120.0	505122.0	5408017.3	10934.00000	318.46	113.5	48.825115	-86.930217	56121.45	56250.8	-0.82	56120.63	56122.58984	56114.98809	56118.68750	505122.0	5408017.3
L5120.0	505122.0	5408018.2	10934.00000	318.46	114.04	48.825123	-86.930217	56120.88	56250.8	-0.82	56120.06	56122.03516	56112.00107	56115.71094	505122.0	5408018.2
L5120.0	505122.0	5408019.3	10934.20020	319.99	114.04	48.825134	-86.930217	56120.52	56250.8	-0.83	56119.69	56121.68359	56112.70140	56116.42578	505122.0	5408019.3
L5120.0	505121.9	5408020.7	10934.29981	317.89	114.04	48.825146	-86.930217	56120.02	56250.8	-0.83	56119.18	56121.18750	56110.86060	56114.59375	505121.9	5408020.7
L5120.0	505121.9	5408020.7	10934.40039	317.45	109.71	48.825146	-86.930217	56119.61	56250.8	-0.84	56118.77	56120.79688	56110.87634	56114.62109	505121.9	5408020.7
L5120.0	505121.9	5408022.2	10934.50000	318.45	109.71	48.825159	-86.930218	56119.20	56250.8	-0.84	56118.36	56120.40234	56110.91846	56114.67578	505121.9	5408022.2
L5120.0	505121.9	5408023.3	10934.59961	317.65	109.71	48.825169	-86.930218	56118.86	56250.8	-0.84	56118.01	56120.06641	56112.09160	56115.86328	505121.9	5408023.3
L5120.0	505121.8	5408024.7	10934.70020	318.92	109.71	48.825181	-86.930218	56118.44	56250.8	-0.85	56117.59	56119.66016	56112.00788	56115.79297	505121.8	5408024.7
L5120.0	505121.8	5408026.0	10934.79981	318.25	109.71	48.825193	-86.930219	56117.96	56250.9	-0.85	56117.11	56119.19531	56110.84653	56114.64844	505121.8	5408026.0
L5120.0	505121.8	5408026.9	10934.90039	317.88	115.11	48.825201	-86.930219	56117.59	56250.9	-0.86	56116.73	56118.82813	56111.55981	56115.37500	505121.8	5408026.9
L5120.0	505121.8	5408028.3	10935.00000	319.07	115.11	48.825214	-86.930219	56117.21	56250.9	-0.86	56116.35	56118.46094	56112.30710	56116.13672	505121.8	5408028.3
L5120.0	505121.8	5408028.3	10935.09961	320.72	113.53	48.825214	-86.930219	56116.63	56250.9	-0.86	56115.77	56117.89453	56109.37568	56113.21875	505121.8	5408028.3
L5120.0	505121.7	5408029.8	10935.20020	321.83	114.89	48.825227	-86.930220	56116.05	56250.9	-0.85	56115.20	56117.33594	56106.64931	56110.50781	505121.7	5408029.8
L5120.0	505121.7	5408031.1	10935.29981	320.77	113.51	48.825240	-86.930220	56115.64	56250.8	-0.85	56114.79	56116.93750	56106.92805	56110.80469	505121.7	5408031.1
L5120.0	505121.7	5408032.7	10935.40039	319.63	113.51	48.825254	-86.930220	56115.26	56250.8	-0.84	56114.41	56116.57031	56107.80270	56111.69531	505121.7	5408032.7
L5120.0	505121.7	5408033.8	10935.50000	319.57	112.64	48.825264	-86.930221	56114.78	56250.8	-0.84	56113.94	56116.10938	56107.02860	56110.93750	505121.7	5408033.8
L5120.0	505121.7	5408033.8	10935.59961	318.85	112.64	48.825264	-86.930221	56114.27	56250.8	-0.84	56113.44	56115.62109	56105.72185	56109.64844	505121.7	5408033.8
L5120.0	505121.6	5408035.2	10935.70020	318.60	111.75	48.825276	-86.930221	56113.99	56250.8	-0.83	56113.16	56115.34766	56108.58556	56112.53125	505121.6	5408035.2
L5120.0	505121.6	5408036.5	10935.79981	318.54	104	48.825288	-86.930221	56113.43	56250.8	-0.83	56112.61	56114.80859	56106.40271	56110.36328	505121.6	5408036.5
L5120.0	505121.6	5408037.4	10935.90039	318.26	103.06	48.825296	-86.930221	56113.08	56250.8	-0.82	56112.25	56114.45703	56107.83629	56111.81641	505121.6	5408037.4
L5120.0	505121.6	5408038.7	10936.00000	319.36	102.97	48.825308	-86.930222	56112.45	56250.8	-0.82	56111.63	56113.84375	56104.38599	56108.38281	505121.6	5408038.7
L5120.0	505121.6	5408040.1	10936.00000	319.36	102.97	48.825320	-86.930222	56112.07	56250.8	-0.82	56111.25	56113.46875	56105.50942	56109.52734	505121.6	5408040.1
L5120.0	505121.6	5408040.7	10936.20020	321.80	105.09	48.825326	-86.930222	56111.39	56250.8	-0.83	56110.56	56112.78516	56100.77571	56104.81250	505121.6	5408040.7
L5120.0	505121.6	5408041.9	10936.29981	322.02	106.89	48.825336	-86.930222	56111.11	56250.8	-0.83	56110.27	56112.50000	56103.67794	56107.73438	505121.6	5408041.9
L5120.0	505121.5	5408043.2	10936.40039	322.72	107.13	48.825348	-86.930222	56110.63	56250.8	-0.84	56109.79	56112.02734	56102.99722	56107.07031	505121.5	5408043.2
L5120.0	505121.5	5408044.4	10936.50000	320.49	107.13	48.825359	-86.930223	56110.33	56250.8	-0.85	56109.49	56111.73047	56105.79594	56109.89063	505121.5	5408044.4
L5120.0	505121.5	5408045.7	10936.59961	319.55	105.86	48.825371	-86.930223	56109.69	56250.8	-0.85	56108.84	56111.08594	56101.92180	56106.03906	505121.5	5408045.7
L5120.0	505121.5	5408046.8	10936.70020	319.21	108.47	48.825381	-86.930223	56109.37	56250.9	-0.86	56108.51	56110.75781	56104.22363	56108.35938	505121.5	5408046.8
L5120.0	505121.4	5408048.2	10936.79981	318.06	110.17	48.825393	-86.930224	56108.73	56250.9	-0.86	56107.87	56110.12109	56100.59270	56104.75000	505121.4	5408048.2
L5120.0	505121.4	5408048.2	10936.90039	317.36	108.76	48.825393	-86.930224	56108.23	56250.9	-0.87	56107.36	56109.60938	56099.49579	56103.67188	505121.4	5408048.2
L5120.0	505121.4	5408049.3	10937.00000	317.87	108.76	48.825403	-86.930224	56107.54	56250.9	-0.87	56106.67	56108.92188	56094.95423	56099.15234	505121.4	5408049.3
L5120.0	505121.4	5408050.9	10937.09961	317.60	107.48	48.825417	-86.930224	56107.22	56250.9	-0.86	56106.35	56108.60156	56097.59718	56101.81641	505121.4	5408050.9
L5120.0	505121.3	5408052.1	10937.20020	318.13	103.95	48.825429	-86.930225	56106.61	56250.9	-0.86	56105.75	56108.00000	56094.86529	56099.10938	505121.3	5408052.1
L5120.0	505121.3	5408053.6	10937.29981	320.07	103.95	48.825441	-86.930225	56106.31	56250.9	-0.85	56105.46	56107.71094	56098.15582	56102.41797	505121.3	5408053.6
L5120.0	505121.3	5408053.6	10937.40039	320.54	94.64	48.825441	-86.930225	56105.70	56250.8	-0.85	56104.85	56107.09766	56095.30410	56099.58984	505121.3	5408053.6
L5120.0	505121.3	5408055.3	10937.50000	320.26	94.64	48.825457	-86.930226	56105.34	56250.8	-0.84	56104.50	56106.74609	56097.49125	56101.80078	505121.3	5408055.3
L5120.0	505121.3	5408056.5	10937.59961	321.23	97.5	48.825467	-86.930226	56104.73	56250.8	-0.83	56103.90	56106.14063	56094.90494	56099.23438	505121.3	5408056.5
L5120.0	505121.3	5408056.5	10937.70020	321.48	97.5	48.825467	-86.930226	56104.28	56250.8	-0.83	56103.45	56105.68750	56095.22418	56099.57813	505121.3	5408056.5
L5120.0	505121.2	5408058.3	10937.79981	321.50	101.8	48.825484	-86.930226	56103.87	56250.8	-0.82	56103.05	56105.28516	56096.51376	56100.89063	505121.2	5408058.3
L5120.0	505121.2	5408059.9	10937.90039	320.29	107.2	48.825498	-86.930226	56103.35	56250.8	-0.82	56102.53	56104.75781	56095.54113	56099.93750	505121.2	5408059.9
L5120.0	505121.2	5408061.5	10938.00000	320.06	107.2	48.825512	-86.930227	56102.71	56250.8	-0.81	56101.90	56104.12109	56092.52216	56096.94141	505121.2	5408061.5
L5120.0	505121.2	5408061.5	10938.00000	320.06	110.6	48.825512	-86.930227	56102.16	56250.8	-0.81	56101.35	56103.56250	56091.04520	56095.48828	505121.2	5408061.5
L5120.0	505121.2	5408063.1	10938.20020	319.79	110.6	48.825527	-86.930227	56101.56	56250.8	-0.82	56100.74	56102.94531	56088.47403	56092.94141	505121.2	5408063.1
L5120.0	505121.2	5408064.4	10938.29981	318.23	109.52	48.825539	-86.930227	56101.14	56250.8	-0.82	56100.32	56102.51953	56089.46256	56093.95313	505121.2	5408064.4
L5120.0	505121.2	5408065.8	10938.40039	317.05	109.52	48.825551	-86.930227	56100.69	56250.8	-0.83	56099.86	56102.04688	56089.70679	56094.21875	505121.2	5408065.8
L5120.0	505121.2	5408065.8	10938.50000	317.16	111.84	48.825551	-86.930227	56100.23	56250.8	-0.83	56099.40	56101.57813	56089.94972	56094.48438	505121.2	5408065.8
L5120.0	505121.1	5408067.3	10938.59961	318.04	111.84	48.825565	-86.930227	56099.65	56250.8	-0.83	56098.82	56100.98828	56087.98501	56092.54297	505121.1	5408067.3
L5120.0	505121.1	5408068.7	10938.70020	316.99	112.28	48.825577	-86.930228	56099.07	56250.8	-0.84	56098.24	56100.39453	56086.02475	56090.60547	505121.1	5408068.7
L5120.0	505121.1	5408069.8	10938.79981	317.22	112.28	48.825588	-86.930228	56098.64	56250.8	-0.84	56097.80	56099.94531	56086.62145	56091.22656	505121.1	5408069.8
L5120.0	505121.1	5408070.9	10938.90039	317.65	112.35	48.825598	-86.930228	56098.06	56250.8	-0.85	56097.21	56099.33984	56084.46191	56089.08984	505121.1	5408070.9
L5120.0	505121.1	5408070.9	10939.00000	317.03	109.28	48.825598	-86.930228	56097.50	56250.8	-0.85	56096.65	56098.76953	56082.83215	56087.48047	505121.1	5408070.9
L5120.0	505121.1	5408072.5	10939.09961	317.21	109.28	48.825612	-86.930228	56096.94	56250.8	-0.85	56096.09	56098.19141	56081.17720	56085.84766	505121.1	5408072.5
L5120.0	505121.1	5408074.1	10939.20020	316.66	109.95	48.825626	-86.930228	56096.56	56250.8	-0.85	56095.72	56097.80859	56082.98028	56087.67578	505121.1	5408074.1
L5120.0	505121.1	5408075.4	10939.29981	317.58	109.95	48.825638	-86.930228	56096.11	56250.8	-0.85	56095.26	56097.33203	56083.11405	56087.83203	505121.1	5408075.4
L5120.0	505121.1	5408076.7	10939.40039	317.25	110.42	48.825650	-86.930228	56095.91	56250.8	-0.85	56095.07	56097.12500	56088.22254	56092.96094	505121.1	5408076.7
L5120.0	505121.1	5408076.7	10939.50000	318.67	111.22	48.825650	-86.930228	56095.32	56250.8	-0.85	56094.47	56096.50781	56085.73606	56090.49609	505121.1	5408076.7
L5120.0	505121.1	5408078.5	10939.59961	321.34	111.22	48.825666	-86.930228	56094.90	56250.8	-0.84	56094.05	56096.07031	56086.56629	56091.34766	505121.1	5408078.5
L5120.0	505121.1	5408079.9	10939.70020	320.49	111.43	48.825678	-86.930228	56094.32	56250.8	-0.84	56093.47	56095.47266	56084.38037	56089.18359	505121.1	5408079.9
L5120.0	505121.1	5408079.9	10939.79981	320.63	111.43	48.825678	-86.930228	56093.91	56250.8	-0.84	56093.06	56095.04297	56085.35463	56090.17969	505121.1	5408079.9
L5120.0	505121.1	5408081.5	10939.90039	319.66	111.1	48.825692	-86.930228	56093.13	56250.8	-0.84	56092.29	56094.25391	56079.50658	56084.35156	505121.1	5408081.5
L5120.0	505121.1	5408083.3	10940.00000	320.36	111.1	48.825709	-86.930228	56092.72	56250.8	-0.84	56091.88	56093.82031	56080.42015	56085.28906	505121.1	5408083.3
L5120.0	505121.1	5408084.9	10940.00000	320.36	109.38	48.825723	-86.930228	56092.06	56250.8	-0.84	56091.22	56093.14063	56076.56799	56081.45703	505121.1	5408084.9
L5120.0	505121.1	5408084.9	10940.09961	319.37	113.52	48.825723	-86.930228	56091.54	56250.8	-0.84	56090.70	56092.59766	56075.33724	56080.24609	505121.1	5408084.9
L5120.0	505121.1	5408086.6	10940.20020	320.46	109.79	48.825739	-86.930228	56090.82	56250.8	-0.83	56089.99	56091.86328	56070.48314	56075.41406	505121.1	5408086.6
L5120.0	505121.1	5408086.6	10940.20020	320.46	109.79	48.825739	-86.930228	56090.35	56250.8	-0.83	56089.51	56091.36328	56069.95553	56074.90234	505121.1	5408086.6
L5120.0	505121.1	5408088.4	10940.50000	322.16	112.56	48.825755	-86.930228	56089.88	56250.8	-0.82	56089.06	56090.88672	56069.95242	56074.92188	505121.1	5408088.4
L5120.0	505121.1	5408089.8	10940.59961	322.46	112.56	48.825767	-86.930227	56089.56	56250.8	-0.82	56088.74	56090.54297	56072.32515	56077.31250	505121.1	5408089.8
L5120.0	505121.1	5408091.3	10940.70020	322.07	106.74	48.825781	-86.930227	56089.03	56250.8	-0.82	56088.21	56089.98828	56070.71050	56075.71484	505121.1	5408091.3
L5120.0	505121.2	5408092.7	10940.79981	321.93	106.74	48.825793	-86.930227	56088.80	56250.8	-0.82	56087.99	56089.74219	56074.76213	56079.78516	505121.2	5408092.7
L5120.0	505121.2	5408092.7	10940.90039	321.65	109.2	48.825793	-86.930227	56088.29	56250.8	-0.81	56087.48	56089.20703	56073.36987	56078.41016	505121.2	5408092.7
L5120.0	505121.2	5408094.5	10941.00000	319.32	109.2	48.825810	-86.930226	56087.91	56250.8	-0.81	56087.10	56088.79688	56074.27339	56079.33203	505121.2	5408094.5
L5120.0	505121.2	5408095.9	10941.09961	317.12	108.21	48.825822	-86.930226	56087.29	56250.8	-0.81	56086.48	56088.15234	56070.74091	56075.81641	505121.2	5408095.9
L5120.0	505121.2	5408095.9	10941.20020	315.73	110.61	48.825822	-86.930226	56086.80	56250.8	-0.81	56085.99	56087.63281	56069.48906	56074.58203	505121.2	5408095.9
L5120.0	505121.2	5408097.7	10941.29981	315.21	110.61	48.825839	-86.930226	56086.14	56250.8	-0.81	56085.33	56086.94531	56065.12617	56070.23438	505121.2	5408097.7
L5120.0	505121.3	5408098.9	10941.40039	315.35	111.07	48.825849	-86.930225	56085.87	56250.8	-0.81	56085.06	56086.64453	56067.60330	56072.72656	505121.3	5408098.9
L5120.0	505121.3	5408100.5	10941.50000	315.80	111.07	48.825863	-86.930225	56085.62	56250.8	-0.81	56084.81	56086.36328	56070.28596	56075.42578	505121.3	5408100.5
L5120.0	505121.3	5408100.5	10941.59961	316.03	111.35	48.825863	-86.930225	56085.18	56250.8	-0.81	56084.37	56085.89453	56069.50049	56074.65234	505121.3	5408100.5
L5120.0	505121.2	5408102.0	10941.70020	315.75	111.62	48.825877	-86.930225	56084.53	56250.8	-0.81	56083.72	56085.21484	56065.99974	56071.16797	505121.2	5408102.0
L5120.0	505121.2	5408103.5	10941.79981	315.56	111.62	48.825890	-86.930226	56084.04	56250.8	-0.81	56083.23	56084.69141	56063.62963	56068.81250	505121.2	5408103.5
L5120.0	505121.2	5408103.5	10941.90039	315.77	111.62	48.825890	-86.930226	56083.77	56250.8	-0.81	56082.96	56084.39063	56066.82440	56072.01953	505121.2	5408103.5
L5120.0	505121.2	5408105.3	10942.00000	316.69	111.08	48.825907	-86.930226	56083.34	56250.8	-0.81	56082.53	56083.92969	56065.61293	56070.82031	505121.2	5408105.3
L5120.0	505121.2	5408106.9	10942.00000	316.69	111.55	48.825921	-86.930227	56082.96	56250.8	-0.81	56082.15	56083.51563	56065.49007	56070.70703	505121.2	5408106.9
L5120.0	505121.1	5408108.5	10942.20020	318.32	111.55	48.825935	-86.930227	56082.50	56250.8	-0.80	56081.70	56083.03516	56063.32107	56068.55078	505121.1	5408108.5
L5120.0	505121.1	5408108.5	10942.29981	316.78	107.53	48.825935	-86.930227	56082.20	56250.8	-0.80	56081.40	56082.69922	56064.82970	56070.07031	505121.1	5408108.5
L5120.0	505121.1	5408110.1	10942.40039	317.52	107.53	48.825950	-86.930228	56081.77	56250.8	-0.80	56080.97	56082.23828	56062.71963	56067.96875	505121.1	5408110.1
L5120.0	505121.1	5408110.1	10942.50000	319.26	113.88	48.825950	-86.930228	56081.39	56250.8	-0.79	56080.60	56081.83203	56061.93277	56067.19141	505121.1	5408110.1
L5120.0	505121.0	5408111.9	10942.59961	320.37	109.55	48.825966	-86.930228	56080.98	56250.8	-0.79	56080.19	56081.39063	56059.85644	56065.12500	505121.0	5408111.9
L5120.0	505121.0	5408113.1	10942.70020	319.80	110.82	48.825976	-86.930229	56080.73	56250.8	-0.79	56079.94	56081.10547	56061.71471	56066.99219	505121.0	5408113.1
L5120.0	505121.0	5408114.7	10942.79981	319.91	110.82	48.825991	-86.930229	56080.20	56250.8	-0.79	56079.41	56080.53906	56055.99284	56061.27734	505121.0	5408114.7

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5120.0	505121.0	5408114.7	10942.90039	319.93	113.68	48.825991	-86.930229	56080.05	56250.8	-0.78	56079.26	56080.35547	56059.98153	56065.27344	505121.0	5408114.7
L5120.0	505120.9	5408115.8	10943.00000	318.02	113.68	48.826001	-86.930229	56079.68	56250.8	-0.78	56078.90	56079.96094	56058.20627	56063.50391	505120.9	5408115.8
L5120.0	505120.9	5408117.6	10943.09961	317.28	115.07	48.826018	-86.930230	56079.49	56250.8	-0.78	56078.71	56079.73438	56060.64895	56065.95313	505120.9	5408117.6
L5120.0	505120.9	5408118.6	10943.20020	316.81	115.07	48.826026	-86.930230	56079.16	56250.8	-0.78	56078.38	56079.36719	56056.86418	56062.17188	505120.9	5408118.6
L5120.0	505120.9	5408120.2	10943.29981	316.57	116.61	48.826040	-86.930230	56079.01	56250.8	-0.78	56078.23	56079.18359	56058.72151	56064.03516	505120.9	5408120.2
L5120.0	505120.9	5408120.2	10943.40039	317.32	116.61	48.826040	-86.930230	56078.54	56250.8	-0.78	56077.76	56078.67578	56054.81254	56060.12891	505120.9	5408120.2
L5120.0	505120.8	5408122.0	10943.50000	317.71	112.36	48.826057	-86.930231	56078.40	56250.8	-0.78	56077.62	56078.50000	56056.52133	56061.83984	505120.8	5408122.0
L5120.0	505120.8	5408122.0	10943.59961	317.22	113.37	48.826057	-86.930231	56078.08	56250.8	-0.78	56077.30	56078.14453	56054.89372	56060.21484	505120.8	5408122.0
L5120.0	505120.8	5408123.8	10943.70020	315.96	113.37	48.826074	-86.930231	56077.88	56250.8	-0.78	56077.10	56077.90625	56055.21719	56060.53906	505120.8	5408123.8
L5120.0	505120.8	5408125.0	10943.79981	315.21	116.9	48.826084	-86.930231	56077.57	56250.8	-0.78	56076.79	56077.55859	56053.41257	56058.73438	505120.8	5408125.0
L5120.0	505120.8	5408125.0	10943.90039	315.99	116.23	48.826084	-86.930231	56077.44	56250.8	-0.78	56076.66	56077.39453	56054.65253	56059.97656	505120.8	5408125.0
L5120.0	505120.8	5408126.7	10944.00000	316.52	116.23	48.826099	-86.930232	56077.14	56250.8	-0.78	56076.36	56077.05469	56052.66788	56057.98828	505120.8	5408126.7
L5120.0	505120.8	5408128.2	10944.00000	316.52	116.25	48.826113	-86.930232	56077.09	56250.8	-0.78	56076.31	56076.96875	56055.03186	56060.35156	505120.8	5408128.2
L5120.0	505120.7	5408129.8	10944.20020	317.55	116.25	48.826127	-86.930232	56076.84	56250.8	-0.78	56076.05	56076.67188	56053.42038	56058.73828	505120.7	5408129.8
L5120.0	505120.7	5408131.2	10944.29981	320.31	112.87	48.826139	-86.930232	56076.78	56250.8	-0.79	56076.00	56076.58594	56055.48463	56060.80078	505120.7	5408131.2
L5120.0	505120.7	5408131.2	10944.40039	321.16	112.87	48.826139	-86.930232	56076.51	56250.8	-0.79	56075.72	56076.26953	56053.15495	56058.46875	505120.7	5408131.2
L5120.0	505120.7	5408132.5	10944.50000	321.35	115.33	48.826152	-86.930233	56076.51	56250.8	-0.79	56075.72	56076.23438	56055.84731	56061.15625	505120.7	5408132.5
L5120.0	505120.7	5408134.1	10944.59961	321.74	114.82	48.826166	-86.930233	56076.28	56250.8	-0.79	56075.49	56075.96484	56054.10501	56059.41016	505120.7	5408134.1
L5120.0	505120.7	5408134.1	10944.70020	320.52	114.82	48.826166	-86.930233	56076.33	56250.8	-0.79	56075.53	56075.96875	56057.26844	56062.56641	505120.7	5408134.1
L5120.0	505120.6	5408136.2	10944.79981	320.83	115.59	48.826184	-86.930233	56076.02	56250.8	-0.80	56075.23	56075.63281	56053.87380	56059.16797	505120.6	5408136.2
L5120.0	505120.6	5408137.6	10944.90039	320.61	115.59	48.826198	-86.930234	56075.81	56250.8	-0.80	56075.01	56075.37891	56051.81221	56057.09766	505120.6	5408137.6
L5120.0	505120.6	5408137.6	10945.00000	319.72	116.31	48.826198	-86.930234	56075.62	56250.8	-0.80	56074.82	56075.15234	56050.15284	56055.43359	505120.6	5408137.6
L5120.0	505120.6	5408139.1	10945.09961	318.85	116.31	48.826211	-86.930234	56075.63	56250.8	-0.80	56074.83	56075.12500	56052.16156	56057.43359	505120.6	5408139.1
L5120.0	505120.5	5408140.7	10945.20020	317.92	116.76	48.826225	-86.930235	56075.50	56250.8	-0.79	56074.70	56074.96094	56051.34434	56056.60938	505120.5	5408140.7
L5120.0	505120.5	5408140.7	10945.29981	318.48	116.76	48.826225	-86.930235	56075.44	56250.8	-0.79	56074.65	56074.87500	56051.91561	56057.17188	505120.5	5408140.7
L5120.0	505120.5	5408142.3	10945.40039	319.54	116.76	48.826240	-86.930235	56075.37	56250.8	-0.78	56074.59	56074.77734	56052.15031	56057.39453	505120.5	5408142.3
L5120.0	505120.5	5408143.9	10945.50000	320.40	118.69	48.826254	-86.930235	56075.32	56250.8	-0.78	56074.54	56074.69531	56052.43449	56057.66797	505120.5	5408143.9
L5120.0	505120.4	5408145.5	10945.59961	320.91	118.69	48.826268	-86.930236	56075.29	56250.8	-0.78	56074.52	56074.64063	56053.15444	56058.37891	505120.4	5408145.5
L5120.0	505120.4	5408145.5	10945.70020	319.67	118.69	48.826268	-86.930236	56075.22	56250.8	-0.77	56074.45	56074.53516	56052.76605	56057.97656	505120.4	5408145.5
L5120.0	505120.4	5408146.8	10945.79981	318.88	118.69	48.826280	-86.930236	56075.19	56250.8	-0.77	56074.42	56074.46875	56053.00768	56058.20703	505120.4	5408146.8
L5120.0	505120.4	5408148.2	10945.90039	318.95	118.69	48.826292	-86.930236	56075.12	56250.8	-0.76	56074.36	56074.37891	56052.52989	56057.71875	505120.4	5408148.2
L5120.0	505120.4	5408149.5	10946.00000	319.18	118.69	48.826305	-86.930237	56075.14	56250.8	-0.76	56074.38	56074.36328	56053.45247	56058.62500	505120.4	5408149.5
L5120.0	505120.4	5408149.5	10946.00000	319.18	118.69	48.826305	-86.930237	56074.99	56250.8	-0.76	56074.23	56074.17969	56050.96353	56056.12500	505120.4	5408149.5
L5120.0	505120.4	5408151.1	10946.20020	320.04	118.69	48.826319	-86.930237	56075.16	56250.8	-0.76	56074.40	56074.31641	56054.48019	56059.62500	505120.4	5408151.1
L5120.0	505120.3	5408152.7	10946.29981	320.13	118.69	48.826333	-86.930237	56075.07	56250.8	-0.76	56074.30	56074.18750	56052.66951	56057.80078	505120.3	5408152.7
L5120.0	505120.3	5408154.0	10946.40039	319.14	118.69	48.826345	-86.930237	56075.24	56250.8	-0.76	56074.48	56074.33594	56056.08337	56061.19922	505120.3	5408154.0
L5120.0	505120.3	5408155.1	10946.50000	321.10	110.9	48.826355	-86.930238	56075.14	56250.8	-0.76	56074.38	56074.20313	56053.99760	56059.09766	505120.3	5408155.1
L5120.0	505120.3	5408155.1	10946.59961	322.58	112.5	48.826355	-86.930238	56075.24	56250.8	-0.77	56074.48	56074.27344	56055.60602	56060.68750	505120.3	5408155.1
L5120.0	505120.3	5408156.2	10946.70020	322.04	112.5	48.826365	-86.930238	56075.17	56250.8	-0.77	56074.40	56074.16016	56053.64615	56058.71094	505120.3	5408156.2
L5120.0	505120.3	5408157.6	10946.79981	321.17	112.5	48.826377	-86.930238	56075.29	56250.8	-0.77	56074.52	56074.25000	56055.38403	56060.43359	505120.3	5408157.6
L5120.0	505120.3	5408158.9	10946.90039	319.78	112.5	48.826389	-86.930238	56075.09	56250.8	-0.77	56074.32	56074.02344	56050.89397	56055.92578	505120.3	5408158.9
L5120.0	505120.2	5408160.5	10947.00000	319.30	112.5	48.826403	-86.930239	56075.27	56250.8	-0.77	56074.50	56074.17188	56053.53997	56058.55469	505120.2	5408160.5
L5120.0	505120.2	5408160.5	10947.09961	320.05	112.5	48.826403	-86.930239	56075.17	56250.8	-0.77	56074.40	56074.04688	56050.73630	56055.73047	505120.2	5408160.5
L5120.0	505120.2	5408162.3	10947.20020	319.49	112.5	48.826419	-86.930239	56075.36	56250.8	-0.77	56074.60	56074.21875	56053.54139	56058.51563	505120.2	5408162.3
L5120.0	505120.2	5408163.2	10947.29981	318.59	112.5	48.826427	-86.930239	56075.35	56250.8	-0.76	56074.58	56074.17188	56052.05472	56057.01172	505120.2	5408163.2
L5120.0	505120.2	5408164.5	10947.40039	319.75	112.5	48.826439	-86.930239	56075.67	56250.8	-0.76	56074.91	56074.47266	56057.11930	56062.05469	505120.2	5408164.5
L5120.0	505120.2	5408166.1	10947.50000	319.63	115.63	48.826453	-86.930239	56075.63	56250.8	-0.76	56074.87	56074.40625	56055.05917	56059.97656	505120.2	5408166.1
L5120.0	505120.2	5408166.1	10947.59961	319.56	115.63	48.826453	-86.930239	56075.80	56250.8	-0.76	56075.04	56074.55078	56056.89022	56061.78516	505120.2	5408166.1
L5120.0	505120.2	5408167.4	10947.70020	316.39	115.63	48.826466	-86.930239	56075.73	56250.8	-0.76	56074.97	56074.45703	56054.09575	56058.97266	505120.2	5408167.4
L5120.0	505120.2	5408169.0	10947.79981	315.95	115.63	48.826480	-86.930239	56075.85	56250.8	-0.75	56075.09	56074.55469	56054.81314	56059.66797	505120.2	5408169.0
L5120.0	505120.2	5408169.0	10947.90039	319.02	115.63	48.826480	-86.930239	56075.95	56250.8	-0.75	56075.20	56074.64063	56055.26279	56060.09766	505120.2	5408169.0
L5120.0	505120.2	5408170.8	10948.00000	319.75	115.63	48.826496	-86.930238	56076.18	56250.8	-0.75	56075.43	56074.84766	56057.88373	56062.69531	505120.2	5408170.8
L5120.0	505120.3	5408172.0	10948.00000	319.75	118.27	48.826507	-86.930238	56076.25	56250.8	-0.75	56075.50	56074.89453	56057.43359	56062.22266	505120.3	5408172.0
L5120.0	505120.3	5408173.3	10948.20020	319.38	118.27	48.826519	-86.930238	56076.44	56250.7	-0.74	56075.69	56075.06250	56059.14863	56063.91406	505120.3	5408173.3
L5120.0	505120.3	5408174.7	10948.29981	320.62	118.27	48.826531	-86.930237	56076.51	56250.7	-0.74	56075.77	56075.12109	56058.75056	56063.49609	505120.3	5408174.7
L5120.0	505120.3	5408174.7	10948.40039	318.27	118.27	48.826531	-86.930237	56076.71	56250.7	-0.74	56075.97	56075.30078	56060.50034	56065.22266	505120.3	5408174.7
L5120.0	505120.3	5408176.0	10948.50000	318.34	115.8	48.826543	-86.930237	56076.89	56250.7	-0.74	56076.15	56075.46094	56061.80580	56066.50391	505120.3	5408176.0
L5120.0	505120.4	5408177.4	10948.59961	320.11	112.33	48.826555	-86.930237	56076.96	56250.7	-0.73	56076.23	56075.52344	56061.21649	56065.89063	505120.4	5408177.4
L5120.0	505120.4	5408178.5	10948.70020	319.71	112.33	48.826566	-86.930236	56077.19	56250.7	-0.73	56076.46	56075.73438	56063.29590	56067.94922	505120.4	5408178.5
L5120.0	505120.4	5408180.4	10948.79981	318.43	115.11	48.826582	-86.930236	56077.21	56250.7	-0.73	56076.49	56075.74609	56061.68697	56066.31641	505120.4	5408180.4
L5120.0	505120.4	5408180.4	10948.90039	317.27	114.02	48.826582	-86.930236	56077.42	56250.7	-0.72	56076.70	56075.94141	56063.27613	56067.88281	505120.4	5408180.4
L5120.0	505120.5	5408182.0	10949.00000	318.37	114.02	48.826596	-86.930235	56077.44	56250.7	-0.72	56076.72	56075.94531	56061.38903	56065.96875	505120.5	5408182.0
L5120.0	505120.5	5408183.3	10949.09961	317.37	114.15	48.826608	-86.930235	56077.68	56250.7	-0.72	56076.95	56076.16016	56063.22068	56067.77734	505120.5	5408183.3
L5120.0	505120.5	5408184.7	10949.20020	316.35	113.68	48.826621	-86.930235	56077.79	56250.7	-0.72	56077.07	56076.26563	56063.03135	56067.56641	505120.5	5408184.7
L5120.0	505120.5	5408184.7	10949.29981	316.72	113.95	48.826621	-86.930235	56078.06	56250.7	-0.72	56077.33	56076.51172	56065.29964	56069.80859	505120.5	5408184.7
L5120.0	505120.5	5408186.1	10949.40039	318.41	113.95	48.826633	-86.930234	56078.08	56250.7	-0.72	56077.35	56076.51953	56063.24856	56067.73438	505120.5	5408186.1
L5120.0	505120.5	5408188.0	10949.50000	317.39	113.95	48.826651	-86.930234	56078.38	56250.7	-0.73	56077.66	56076.81641	56066.33394	56070.79297	505120.5	5408188.0
L5120.0	505120.5	5408188.0	10949.59961	316.24	112.13	48.826651	-86.930234	56078.40	56250.7	-0.73	56077.67	56076.81250	56064.05442	56068.49219	505120.5	5408188.0
L5120.0	505120.6	5408189.8	10949.70020	315.71	116.22	48.826667	-86.930234	56078.84	56250.7	-0.73	56078.11	56077.24219	56069.38667	56073.79688	505120.6	5408189.8
L5120.0	505120.6	5408191.4	10949.79981	314.45	116.22	48.826681	-86.930234	56078.81	56250.7	-0.73	56078.08	56077.20313	56066.36380	56070.75000	505120.6	5408191.4
L5120.0	505120.6	5408192.3	10949.90039	316.68	115.9	48.826690	-86.930234	56079.11	56250.7	-0.73	56078.38	56077.49219	56069.16265	56073.52344	505120.6	5408192.3
L5120.0	505120.6	5408192.3	10950.00000	316.13	115.9	48.826690	-86.930234	56079.09	56250.7	-0.73	56078.36	56077.46484	56066.30429	56070.64063	505120.6	5408192.3
L5120.0	505120.6	5408193.7	10950.00000	316.13	116.39	48.826702	-86.930233	56079.41	56250.7	-0.73	56078.68	56077.77734	56069.41485	56073.72656	505120.6	5408193.7
L5120.0	505120.6	5408194.9	10950.20020	318.54	115.35	48.826713	-86.930234	56079.36	56250.7	-0.73	56078.63	56077.71875	56066.03325	56070.32031	505120.6	5408194.9
L5120.0	505120.6	5408197.4	10950.29981	320.48	113.75	48.826735	-86.930234	56079.72	56250.7	-0.73	56078.99	56078.07031	56069.80561	56074.07031	505120.6	5408197.4
L5120.0	505120.6	5408197.4	10950.40039	319.61	113.75	48.826735	-86.930234	56079.72	56250.7	-0.73	56078.99	56078.06641	56066.91085	56071.15234	505120.6	5408197.4
L5120.0	505120.5	5408199.0	10950.50000	319.43	113.68	48.826749	-86.930234	56080.07	56250.7	-0.73	56079.35	56078.42188	56072.49829	56076.71484	505120.5	5408199.0
L5120.0	505120.5	5408200.6	10950.59961	319.50	113.81	48.826764	-86.930235	56080.20	56250.7	-0.72	56079.47	56078.53516	56071.78400	56075.97656	505120.5	5408200.6
L5120.0	505120.5	5408200.6	10950.70020	318.67	111.37	48.826764	-86.930235	56080.33	56250.7	-0.72	56079.60	56078.66016	56071.33478	56075.50000	505120.5	5408200.6
L5120.0	505120.4	5408202.9	10950.79981	318.83	113.92	48.826785	-86.930235	56080.28	56250.7	-0.72	56079.56	56078.61719	56066.48021	56070.62109	505120.4	5408202.9
L5120.0	505120.4	5408202.9	10950.90039	317.11	115.36	48.826785	-86.930235	56080.40	56250.7	-0.72	56079.68	56078.73828	56065.78682	56069.90625	505120.4	5408202.9
L5120.0	505120.4	5408204.0	10951.00000	315.69	115.36	48.826794	-86.930236	56080.40	56250.7	-0.72	56079.68	56078.73438	56061.99549	56066.08984	505120.4	5408204.0
L5120.0	505120.4	5408205.1	10951.09961	316.15	115.36	48.826805	-86.930236	56080.65	56250.7	-0.72	56079.93	56078.98438	56064.65228	56068.72266	505120.4	5408205.1
L5120.0	505120.3	5408206.3	10951.20020	314.65	115.36	48.826815	-86.930237	56080.88	56250.7	-0.72	56080.16	56079.21484	56066.77969	56070.82422	505120.3	5408206.3
L5120.0	505120.3	5408207.7	10951.29981	314.40	116.04	48.826828	-86.930237	56081.19	56250.7	-0.72	56080.47	56079.52344	56070.95674	56074.97656	505120.3	5408207.7
L5120.0	505120.2	5408209.0	10951.40039	314.47	116.04	48.826840	-86.930238	56081.38	56250.7	-0.72	56080.66	56079.71484	56072.03998	56076.03906	505120.2	5408209.0
L5120.0	505120.2	5408210.1	10951.50000	316.02	116.04	48.826850	-86.930238	56081.52	56250.7	-0.72	56080.80	56079.85547	56071.83093	56075.80469	505120.2	5408210.1
L5120.0	505120.2	5408211.1	10951.59961	315.22	116.04	48.826858	-86.930238	56081.74	56250.7	-0.72	56081.02	56080.07813	56073.68765	56077.63672	505120.2	5408211.1
L5120.0	505120.2	5408212.6	10951.70020	316.96	116.04	48.826872	-86.930239	56081.85	56250.7	-0.72	56081.13	56080.19141	56072.69776	56076.62500	505120.2	5408212.6
L5120.0	505120.2	5408213.6	10951.79981	317.65	116.04	48.826881	-86.930239	56082.02	56250.7	-0.72	56081.30	56080.36328	56073.26666	56077.17188	505120.2	5408213.6
L5120.0	505120.2	5408213.6	10951.90039	317.75	116.04	48.826881	-86.930239	56082.02	56250.7	-0.72	56081.30	56080.36719	56069.37720	56073.25781	505120.2	5408213.6
L5120.0	505120.1	5408214.9	10952.00000	316.97	116.04	48.826893	-86.930239	56082.17	56250.7	-0.72	56081.45	56080.52344	56070.03620	56073.89453	505120.1	5408214.9
L5120.0	505120.1	5408216.5	10952.00000	316.97	116.04	48.826907	-86.930239	56082.28	56250.7	-0.72	56081.56	56080.63672	56069.48654	56073.32031	505120.1	5408216.5

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5120.0	505120.1	5408217.8	10952.20020	318.48	116.04	48.826919	-86.930239	56082.48	56250.7	-0.71	56081.76	56080.84375	56070.54077	56074.35156	505120.1	5408217.8
L5120.0	505120.1	5408219.2	10952.29981	321.33	116.04	48.826932	-86.930239	56082.56	56250.7	-0.71	56081.85	56080.94141	56069.66453	56073.45313	505120.1	5408219.2
L5120.0	505120.1	5408220.5	10952.40039	321.95	116.04	48.826943	-86.930239	56082.98	56250.7	-0.70	56082.28	56081.37500	56074.94252	56078.71094	505120.1	5408220.5
L5120.0	505120.1	5408220.5	10952.50000	319.77	116.04	48.826943	-86.930239	56082.93	56250.7	-0.70	56082.23	56081.33594	56071.59615	56075.33984	505120.1	5408220.5
L5120.0	505120.2	5408221.8	10952.59961	319.08	116.04	48.826955	-86.930239	56083.36	56250.7	-0.70	56082.67	56081.78125	56077.22808	56080.94922	505120.2	5408221.8
L5120.0	505120.2	5408223.1	10952.70020	318.99	116.04	48.826967	-86.930239	56083.33	56250.7	-0.69	56082.64	56081.76172	56074.28759	56077.98828	505120.2	5408223.1
L5120.0	505120.2	5408224.0	10952.79981	320.68	116.04	48.826975	-86.930238	56083.67	56250.7	-0.69	56082.98	56082.10938	56078.22943	56081.90625	505120.2	5408224.0
L5120.0	505120.2	5408225.4	10952.90039	321.34	116.04	48.826987	-86.930238	56083.64	56250.7	-0.68	56082.96	56082.09766	56075.52506	56079.18359	505120.2	5408225.4
L5120.0	505120.2	5408226.7	10953.00000	320.63	116.04	48.826999	-86.930238	56083.82	56250.7	-0.68	56083.14	56082.28906	56076.58911	56080.22656	505120.2	5408226.7
L5120.0	505120.2	5408226.7	10953.09961	319.03	117.47	48.826999	-86.930238	56083.82	56250.7	-0.68	56083.13	56082.28906	56074.13612	56077.75000	505120.2	5408226.7
L5120.0	505120.3	5408228.0	10953.20020	319.75	117.71	48.827011	-86.930237	56083.87	56250.7	-0.68	56083.19	56082.35938	56073.04201	56076.63672	505120.3	5408228.0
L5120.0	505120.3	5408229.4	10953.29981	319.78	117.71	48.827023	-86.930237	56084.00	56250.7	-0.69	56083.31	56082.49219	56073.12564	56076.69922	505120.3	5408229.4
L5120.0	505120.3	5408230.5	10953.40039	319.41	117.71	48.827033	-86.930237	56084.29	56250.7	-0.69	56083.60	56082.79297	56076.42970	56079.98047	505120.3	5408230.5
L5120.0	505120.3	5408231.6	10953.50000	319.32	117.71	48.827043	-86.930237	56084.28	56250.7	-0.69	56083.59	56082.79297	56074.17478	56077.70703	505120.3	5408231.6
L5120.0	505120.3	5408232.7	10953.59961	319.25	116.27	48.827053	-86.930237	56084.57	56250.7	-0.69	56083.88	56083.09766	56077.53022	56081.03906	505120.3	5408232.7
L5120.0	505120.3	5408233.8	10953.70020	317.85	116.27	48.827063	-86.930237	56084.68	56250.7	-0.69	56083.98	56083.21094	56077.39226	56080.88281	505120.3	5408233.8
L5120.0	505120.3	5408235.1	10953.79981	318.90	116.83	48.827074	-86.930237	56084.86	56250.7	-0.70	56084.16	56083.40234	56078.75426	56082.22266	505120.3	5408235.1
L5120.0	505120.3	5408236.7	10953.90039	320.70	116.83	48.827089	-86.930237	56084.86	56250.7	-0.70	56084.16	56083.41797	56076.85576	56080.30469	505120.3	5408236.7
L5120.0	505120.3	5408237.7	10954.00000	319.13	117.14	48.827098	-86.930237	56085.08	56250.7	-0.70	56084.38	56083.64844	56078.99358	56082.42188	505120.3	5408237.7
L5120.0	505120.3	5408237.7	10954.00000	319.13	117.14	48.827098	-86.930237	56085.03	56250.7	-0.70	56084.33	56083.61328	56076.26456	56079.67578	505120.3	5408237.7
L5120.0	505120.2	5408239.0	10954.20020	319.55	117.14	48.827109	-86.930237	56085.32	56250.7	-0.70	56084.62	56083.91797	56079.70134	56083.08984	505120.2	5408239.0
L5120.0	505120.2	5408240.4	10954.29981	318.50	117.14	48.827122	-86.930238	56085.26	56250.7	-0.70	56084.56	56083.87109	56076.85451	56080.22656	505120.2	5408240.4
L5120.0	505120.2	5408240.4	10954.40039	317.82	118.06	48.827122	-86.930238	56085.43	56250.7	-0.70	56084.74	56084.06641	56078.34683	56081.69922	505120.2	5408240.4
L5120.0	505120.2	5408242.1	10954.50000	316.82	118.06	48.827137	-86.930239	56085.41	56250.7	-0.69	56084.72	56084.06250	56076.26310	56079.59375	505120.2	5408242.1
L5120.0	505120.1	5408243.7	10954.59961	315.98	118.98	48.827151	-86.930239	56085.64	56250.7	-0.69	56084.95	56084.30859	56078.69589	56082.00781	505120.1	5408243.7
L5120.0	505120.1	5408244.4	10954.70020	315.21	118.98	48.827158	-86.930239	56085.62	56250.7	-0.69	56084.92	56084.29297	56076.46240	56079.75781	505120.1	5408244.4
L5120.0	505120.1	5408245.7	10954.79981	316.79	118.98	48.827170	-86.930240	56085.87	56250.7	-0.69	56085.17	56084.55859	56079.31484	56082.58984	505120.1	5408245.7
L5120.0	505120.1	5408247.1	10954.90039	317.38	118.98	48.827182	-86.930240	56085.92	56250.7	-0.69	56085.23	56084.63672	56078.75128	56082.00781	505120.1	5408247.1
L5120.0	505120.0	5408248.4	10955.00000	318.07	118.98	48.827194	-86.930240	56086.09	56250.7	-0.69	56085.40	56084.82031	56080.22139	56083.46094	505120.0	5408248.4
L5120.0	505120.0	5408249.6	10955.09961	318.47	118.98	48.827205	-86.930241	56085.94	56250.7	-0.69	56085.25	56084.68750	56075.83999	56079.06250	505120.0	5408249.6
L5120.0	505120.0	5408249.6	10955.20020	319.53	118.98	48.827205	-86.930241	56085.96	56250.7	-0.69	56085.28	56084.73438	56074.77068	56077.97266	505120.0	5408249.6
L5120.0	505120.0	5408251.1	10955.29981	319.78	118.98	48.827219	-86.930241	56086.04	56250.7	-0.69	56085.35	56084.82031	56074.46199	56077.64453	505120.0	5408251.1
L5120.0	505119.9	5408252.5	10955.40039	320.59	118.98	48.827231	-86.930242	56086.20	56250.7	-0.69	56085.51	56084.99609	56075.86058	56079.02734	505119.9	5408252.5
L5120.0	505119.9	5408253.6	10955.50000	321.75	118.85	48.827241	-86.930242	56086.17	56250.7	-0.68	56085.49	56084.99609	56073.92705	56077.07422	505119.9	5408253.6
L5120.0	505119.9	5408254.9	10955.59961	323.03	118.85	48.827253	-86.930243	56086.32	56250.7	-0.68	56085.64	56085.16016	56075.20901	56078.33984	505119.9	5408254.9
L5120.0	505119.8	5408256.1	10955.70020	321.97	118.85	48.827264	-86.930243	56086.40	56250.7	-0.68	56085.71	56085.24609	56075.02355	56078.13672	505119.8	5408256.1
L5120.0	505119.8	5408256.1	10955.79981	321.76	118.85	48.827264	-86.930243	56086.54	56250.7	-0.68	56085.86	56085.41406	56076.38120	56079.47656	505119.8	5408256.1
L5120.0	505119.8	5408257.9	10955.90039	320.82	118.85	48.827279	-86.930244	56086.68	56250.7	-0.68	56086.00	56085.57031	56077.58516	56080.66406	505119.8	5408257.9
L5120.0	505119.8	5408258.7	10956.00000	320.34	118.85	48.827287	-86.930244	56086.73	56250.7	-0.68	56086.05	56085.64063	56077.12376	56080.18359	505119.8	5408258.7
L5120.0	505119.7	5408260.1	10956.00000	320.34	118.85	48.827299	-86.930244	56086.78	56250.7	-0.68	56086.10	56085.70703	56076.69738	56079.74219	505119.7	5408260.1
L5120.0	505119.7	5408261.4	10956.20020	321.15	118.85	48.827311	-86.930244	56086.88	56250.7	-0.68	56086.20	56085.82422	56077.24423	56080.27344	505119.7	5408261.4
L5120.0	505119.7	5408262.8	10956.29981	322.77	118.85	48.827323	-86.930245	56086.96	56250.7	-0.68	56086.28	56085.92188	56077.44724	56080.45703	505119.7	5408262.8
L5120.0	505119.7	5408262.8	10956.40039	321.39	118.85	48.827323	-86.930245	56087.03	56250.7	-0.68	56086.35	56086.00781	56077.49152	56080.48438	505119.7	5408262.8
L5120.0	505119.7	5408264.1	10956.50000	318.31	118.85	48.827336	-86.930245	56087.01	56250.7	-0.68	56086.33	56086.00391	56075.90370	56078.87891	505119.7	5408264.1
L5120.0	505119.7	5408265.7	10956.59961	317.47	118.83	48.827349	-86.930245	56087.05	56250.7	-0.68	56086.37	56086.06250	56075.45770	56078.41797	505119.7	5408265.7
L5120.0	505119.7	5408266.6	10956.70020	317.75	118.83	48.827358	-86.930245	56087.18	56250.7	-0.68	56086.50	56086.20703	56076.67325	56079.61719	505119.7	5408266.6
L5120.0	505119.6	5408267.9	10956.79981	318.09	118.83	48.827369	-86.930245	56087.33	56250.7	-0.68	56086.65	56086.37500	56078.25057	56081.17969	505119.6	5408267.9
L5120.0	505119.6	5408269.2	10956.90039	317.66	118.83	48.827381	-86.930245	56087.48	56250.7	-0.68	56086.80	56086.53906	56079.82283	56082.73438	505119.6	5408269.2
L5120.0	505119.6	5408270.4	10957.00000	316.29	118.83	48.827392	-86.930245	56087.46	56250.7	-0.68	56086.78	56086.53906	56078.35587	56081.25000	505119.6	5408270.4
L5120.0	505119.6	5408270.4	10957.09961	316.59	117.86	48.827392	-86.930245	56087.61	56250.7	-0.68	56086.93	56086.70313	56079.93373	56082.81250	505119.6	5408270.4
L5120.0	505119.6	5408271.8	10957.20020	316.48	117.86	48.827404	-86.930245	56087.64	56250.7	-0.68	56086.96	56086.75000	56079.38283	56082.24609	505119.6	5408271.8
L5120.0	505119.6	5408273.1	10957.29981	315.48	117.86	48.827416	-86.930245	56087.79	56250.7	-0.68	56087.11	56086.91797	56080.96245	56083.80859	505119.6	5408273.1
L5120.0	505119.6	5408274.2	10957.40039	315.71	117.86	48.827426	-86.930245	56087.76	56250.7	-0.68	56087.08	56086.90234	56079.36385	56082.19531	505119.6	5408274.2
L5120.0	505119.6	5408275.6	10957.50000	317.26	117.86	48.827439	-86.930245	56087.89	56250.7	-0.68	56087.22	56087.05859	56080.77586	56083.58984	505119.6	5408275.6
L5120.0	505119.6	5408276.9	10957.59961	317.09	117.86	48.827450	-86.930245	56087.94	56250.7	-0.67	56087.26	56087.11328	56080.42483	56083.22266	505119.6	5408276.9
L5120.0	505119.6	5408277.8	10957.70020	317.89	117.86	48.827458	-86.930245	56088.06	56250.7	-0.67	56087.39	56087.26172	56081.68095	56084.46484	505119.6	5408277.8
L5120.0	505119.6	5408277.8	10957.79981	318.52	117.86	48.827458	-86.930245	56088.04	56250.7	-0.67	56087.37	56087.25391	56080.27165	56083.03906	505119.6	5408277.8
L5120.0	505119.6	5408280.3	10957.90039	319.07	107.62	48.827481	-86.930245	56088.17	56250.7	-0.67	56087.50	56087.40234	56081.55922	56084.30859	505119.6	5408280.3
L5120.0	505119.6	5408280.3	10958.00000	319.10	108.83	48.827481	-86.930245	56088.04	56250.7	-0.67	56087.37	56087.28516	56078.15968	56080.89453	505119.6	5408280.3
L5120.0	505119.6	5408281.7	10958.00000	319.10	108.81	48.827493	-86.930245	56088.27	56250.7	-0.67	56087.60	56087.53125	56081.30361	56084.02344	505119.6	5408281.7
L5120.0	505119.6	5408283.0	10958.20020	318.38	109.53	48.827505	-86.930245	56088.29	56250.7	-0.67	56087.62	56087.56641	56080.64517	56083.34766	505119.6	5408283.0
L5120.0	505119.6	5408284.3	10958.29981	317.99	110.02	48.827517	-86.930246	56088.37	56250.7	-0.67	56087.70	56087.66016	56081.10723	56083.79688	505119.6	5408284.3
L5120.0	505119.6	5408285.6	10958.40039	318.42	110.02	48.827528	-86.930246	56088.39	56250.7	-0.67	56087.72	56087.69531	56080.47648	56083.14844	505119.6	5408285.6
L5120.0	505119.6	5408287.0	10958.50000	318.80	110.02	48.827541	-86.930246	56088.52	56250.7	-0.68	56087.85	56087.83594	56081.92365	56084.58203	505119.6	5408287.0
L5120.0	505119.6	5408287.0	10958.59961	320.91	110.02	48.827541	-86.930246	56088.47	56250.7	-0.68	56087.79	56087.78906	56079.82431	56082.46484	505119.6	5408287.0
L5120.0	505119.6	5408288.1	10958.70020	321.84	110.02	48.827552	-86.930246	56088.60	56250.7	-0.68	56087.92	56087.93359	56081.33161	56083.95703	505119.6	5408288.1
L5120.0	505119.6	5408289.3	10958.79981	321.55	110.02	48.827562	-86.930246	56088.65	56250.7	-0.68	56087.97	56087.99609	56081.35415	56083.96484	505119.6	5408289.3
L5120.0	505119.6	5408290.5	10958.90039	320.12	109.27	48.827573	-86.930246	56088.72	56250.7	-0.68	56088.04	56088.08203	56081.78464	56084.37891	505119.6	5408290.5
L5120.0	505119.5	5408292.0	10959.00000	319.55	109.27	48.827586	-86.930246	56088.68	56250.7	-0.68	56088.00	56088.05469	56080.13693	56082.71875	505119.5	5408292.0
L5120.0	505119.5	5408293.1	10959.09961	321.30	109.27	48.827596	-86.930246	56088.88	56250.7	-0.68	56088.20	56088.26563	56083.11238	56085.67969	505119.5	5408293.1
L5120.0	505119.5	5408293.9	10959.20020	321.25	109.27	48.827603	-86.930246	56088.77	56250.7	-0.68	56088.10	56088.17969	56080.36314	56082.91406	505119.5	5408293.9
L5120.0	505119.5	5408295.4	10959.29981	320.54	109.27	48.827617	-86.930246	56088.83	56250.7	-0.67	56088.15	56088.23828	56080.51643	56083.05078	505119.5	5408295.4
L5120.0	505119.5	5408295.4	10959.40039	319.79	109.27	48.827617	-86.930246	56088.83	56250.7	-0.67	56088.16	56088.26172	56079.92846	56082.44922	505119.5	5408295.4
L5120.0	505119.5	5408296.7	10959.50000	318.75	109.27	48.827629	-86.930246	56088.92	56250.7	-0.67	56088.25	56088.36328	56080.89924	56083.40234	505119.5	5408296.7
L5120.0	505119.5	5408298.3	10959.59961	317.51	109.27	48.827643	-86.930246	56088.86	56250.7	-0.67	56088.19	56088.31250	56079.02517	56081.51563	505119.5	5408298.3
L5120.0	505119.5	5408299.8	10959.70020	316.56	109.27	48.827656	-86.930246	56088.98	56250.7	-0.67	56088.31	56088.44531	56080.61792	56083.09375	505119.5	5408299.8
L5120.0	505119.5	5408301.0	10959.79981	316.49	109.27	48.827667	-86.930247	56088.95	56250.7	-0.66	56088.29	56088.43359	56079.56515	56082.02344	505119.5	5408301.0
L5120.0	505119.5	5408302.2	10959.90039	317.69	109.27	48.827678	-86.930247	56089.13	56250.7	-0.66	56088.47	56088.62500	56082.33795	56084.78125	505119.5	5408302.2
L5120.0	505119.5	5408302.2	10960.00000	318.40	109.27	48.827678	-86.930247	56089.03	56250.7	-0.66	56088.37	56088.53516	56079.82552	56082.25391	505119.5	5408302.2
L5120.0	505119.5	5408304.0	10960.00000	318.40	109.27	48.827694	-86.930247	56089.21	56250.7	-0.66	56088.55	56088.72656	56082.62892	56085.04297	505119.5	5408304.0
L5120.0	505119.5	5408304.0	10960.20020	320.60	109.27	48.827694	-86.930247	56089.13	56250.7	-0.66	56088.46	56088.64453	56080.37347	56082.76953	505119.5	5408304.0
L5120.0	505119.5	5408305.7	10960.29981	320.48	109.27	48.827710	-86.930247	56089.18	56250.7	-0.66	56088.52	56088.71484	56080.96201	56083.34375	505119.5	5408305.7
L5120.0	505119.5	5408307.3	10960.40039	320.48	109.27	48.827724	-86.930247	56089.13	56250.7	-0.66	56088.47	56088.67188	56079.52918	56081.89844	505119.5	5408307.3
L5120.0	505119.5	5408308.9	10960.50000	319.58	109.27	48.827738	-86.930247	56089.16	56250.7	-0.67	56088.50	56088.71094	56079.61408	56081.96484	505119.5	5408308.9
L5120.0	505119.5	5408308.9	10960.59961	319.11	109.27	48.827738	-86.930247	56089.22	56250.7	-0.67	56088.56	56088.77734	56080.27529	56082.61328	505119.5	5408308.9
L5120.0	505119.5	5408310.6	10960.70020	318.41	109.27	48.827753	-86.930247	56089.36	56250.7	-0.67	56088.69	56088.91797	56082.22795	56084.55078	505119.5	5408310.6
L5120.0	505119.5	5408312.1	10960.79981	319.33	109.27	48.827767	-86.930247	56089.34	56250.7	-0.67	56088.67	56088.90234	56081.46710	56083.77344	505119.5	5408312.1
L5120.0	505119.5	5408313.4	10960.90039	319.35	109.27	48.827779	-86.930247	56089.34	56250.7	-0.67	56088.67	56088.91016	56081.10123	56083.39453	505119.5	5408313.4
L5120.0	505119.5	5408313.4	10961.00000	318.56	109.27	48.827779	-86.930247	56089.34	56250.7	-0.67	56088.67	56088.91797	56080.76340	56083.03906	505119.5	5408313.4
L5120.0	505119.5	5408315.0	10961.09961	318.13	109.27	48.827793	-86.930247	56089.38	56250.7	-0.67	56088.71	56088.96484	56081.15581	56083.41797	505119.5	5408315.0
L5120.0	505119.5	5408316.4	10961.20020	319.34	109.27	48.827806	-86.930246	56089.38	56250.7	-0.67	56088.72	56088.98047	56081.03333	56083.27734	505119.5	5408316.4
L5120.0	505119.5	5408317.7	10961.29981	318.02	109.27	48.827818	-86.930246	56089.43	56250.7	-0.66	56088.77	56089.03516	56081.47848	56083.70703	505119.5	5408317.7
L5120.0	505119.5	5408317.7	10961.40039	317.08	109.27	48.827818	-86.930246	56089.50	56250.7	-0.66	56088.84	56089.11328	56082.81144	56085.02734	505119.5	5408317.7

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5120.0	505119.6	5408319.4	10961.50000	317.95	109.27	48.827832	-86.930246	56089.56	56250.7	-0.66	56088.90	56089.17969	56083.89183	56086.08984	505119.6	5408319.4
L5120.0	505119.6	5408320.9	10961.59961	316.38	109.27	48.827846	-86.930246	56089.56	56250.7	-0.66	56088.90	56089.18359	56083.42711	56085.60938	505119.6	5408320.9
L5120.0	505119.6	5408322.2	10961.70020	316.79	130	48.827858	-86.930245	56089.58	56250.7	-0.66	56088.92	56089.20703	56083.50799	56085.67578	505119.6	5408322.2
L5120.0	505119.6	5408322.2	10961.79981	316.61	130	48.827858	-86.930245	56089.54	56250.7	-0.65	56088.88	56089.17188	56082.06018	56084.21484	505119.6	5408322.2
L5120.0	505119.6	5408323.6	10961.90039	315.92	130	48.827870	-86.930245	56089.51	56250.7	-0.65	56088.86	56089.15625	56081.15811	56083.29688	505119.6	5408323.6
L5120.0	505119.6	5408325.2	10962.00000	314.83	130	48.827885	-86.930245	56089.56	56250.7	-0.65	56088.90	56089.20313	56081.83443	56083.95703	505119.6	5408325.2
L5120.0	505119.6	5408326.7	10962.00000	314.83	130	48.827899	-86.930245	56089.64	56250.7	-0.65	56088.99	56089.29688	56083.83273	56085.93750	505119.6	5408326.7
L5120.0	505119.6	5408326.7	10962.20020	315.34	130	48.827899	-86.930245	56089.66	56250.6	-0.64	56089.02	56089.32813	56084.30901	56086.39844	505119.6	5408326.7
L5120.0	505119.7	5408328.1	10962.29981	314.59	130	48.827911	-86.930244	56089.71	56250.6	-0.64	56089.07	56089.38281	56085.33587	56087.41016	505119.7	5408328.1
L5120.0	505119.7	5408329.5	10962.40039	315.87	118.46	48.827923	-86.930244	56089.64	56250.6	-0.64	56089.00	56089.31641	56083.27634	56085.33594	505119.7	5408329.5
L5120.0	505119.7	5408329.5	10962.50000	317.12	118.36	48.827923	-86.930244	56089.62	56250.6	-0.64	56088.98	56089.30078	56082.54203	56084.58594	505119.7	5408329.5
L5120.0	505119.7	5408331.0	10962.59961	318.24	118.36	48.827937	-86.930244	56089.63	56250.6	-0.63	56089.00	56089.32031	56082.87877	56084.90625	505119.7	5408331.0
L5120.0	505119.7	5408332.2	10962.70020	319.13	118.36	48.827948	-86.930243	56089.56	56250.6	-0.63	56088.93	56089.25391	56080.89085	56082.90234	505119.7	5408332.2
L5120.0	505119.7	5408333.8	10962.79981	319.07	118.36	48.827962	-86.930243	56089.61	56250.6	-0.63	56088.98	56089.30859	56082.07056	56084.06641	505119.7	5408333.8
L5120.0	505119.7	5408333.8	10962.90039	319.49	118.36	48.827962	-86.930243	56089.56	56250.6	-0.62	56088.94	56089.26953	56080.91761	56082.89453	505119.7	5408333.8
L5120.0	505119.8	5408335.4	10963.00000	320.75	118.36	48.827976	-86.930243	56089.66	56250.6	-0.62	56089.04	56089.37109	56083.47332	56085.43359	505119.8	5408335.4
L5120.0	505119.8	5408336.7	10963.09961	319.05	118.36	48.827988	-86.930242	56089.66	56250.6	-0.62	56089.04	56089.37109	56083.13266	56085.07813	505119.8	5408336.7
L5120.0	505119.8	5408338.0	10963.20020	318.82	118.36	48.828000	-86.930242	56089.64	56250.6	-0.62	56089.02	56089.35547	56082.73030	56084.66016	505119.8	5408338.0
L5120.0	505119.8	5408339.4	10963.29981	319.46	118.36	48.828013	-86.930242	56089.54	56250.6	-0.62	56088.92	56089.25391	56080.94360	56082.85547	505119.8	5408339.4
L5120.0	505119.8	5408341.2	10963.40039	318.52	118.36	48.828029	-86.930242	56089.58	56250.6	-0.62	56088.95	56089.28516	56081.43877	56083.33594	505119.8	5408341.2
L5120.0	505119.8	5408341.2	10963.50000	317.53	118.36	48.828029	-86.930242	56089.54	56250.6	-0.63	56088.91	56089.24609	56080.72579	56082.60547	505119.8	5408341.2
L5120.0	505119.8	5408342.6	10963.59961	316.66	118.36	48.828041	-86.930242	56089.59	56250.6	-0.63	56088.96	56089.29688	56081.60182	56083.46484	505119.8	5408342.6
L5120.0	505119.8	5408343.9	10963.70020	316.03	118.36	48.828053	-86.930242	56089.58	56250.6	-0.63	56088.95	56089.28906	56081.44443	56083.28906	505119.8	5408343.9
L5120.0	505119.8	5408345.8	10963.79981	317.25	118.36	48.828070	-86.930242	56089.62	56250.6	-0.63	56088.99	56089.32813	56082.17276	56084.00000	505119.8	5408345.8
L5120.0	505119.8	5408345.8	10963.90039	316.84	118.36	48.828070	-86.930242	56089.62	56250.6	-0.63	56088.99	56089.32813	56082.49376	56084.30469	505119.8	5408345.8
L5120.0	505119.8	5408346.7	10964.00000	315.53	118.36	48.828078	-86.930242	56089.63	56250.6	-0.63	56089.00	56089.33984	56082.87963	56084.67578	505119.8	5408346.7
L5120.0	505119.8	5408348.1	10964.00000	315.53	118.36	48.828091	-86.930242	56089.56	56250.6	-0.63	56088.93	56089.26953	56081.17265	56082.94922	505119.8	5408348.1
L5120.0	505119.8	5408348.1	10964.20020	318.52	118.36	48.828091	-86.930242	56089.63	56250.6	-0.63	56089.01	56089.34766	56083.40074	56085.16016	505119.8	5408348.1
L5120.0	505119.8	5408349.9	10964.29981	317.72	118.36	48.828107	-86.930243	56089.56	56250.6	-0.62	56088.94	56089.27734	56081.70087	56083.44141	505119.8	5408349.9
L5120.0	505119.8	5408351.0	10964.40039	317.36	118.36	48.828117	-86.930243	56089.54	56250.6	-0.62	56088.92	56089.25781	56081.30699	56083.03125	505119.8	5408351.0
L5120.0	505119.8	5408352.4	10964.50000	316.76	118.36	48.828129	-86.930243	56089.54	56250.6	-0.62	56088.92	56089.25781	56081.43213	56083.14063	505119.8	5408352.4
L5120.0	505119.8	5408354.0	10964.59961	316.04	130	48.828144	-86.930243	56089.58	56250.6	-0.62	56088.96	56089.29688	56082.60258	56084.29297	505119.8	5408354.0
L5120.0	505119.8	5408354.0	10964.70020	316.24	130	48.828144	-86.930243	56089.48	56250.6	-0.62	56088.86	56089.19531	56080.09057	56081.76172	505119.8	5408354.0
L5120.0	505119.8	5408355.5	10964.79981	315.86	130	48.828158	-86.930242	56089.51	56250.6	-0.61	56088.90	56089.23438	56081.19787	56082.85156	505119.8	5408355.5
L5120.0	505119.8	5408357.1	10964.90039	316.10	130	48.828172	-86.930242	56089.50	56250.6	-0.61	56088.89	56089.22266	56081.07999	56082.71484	505119.8	5408357.1
L5120.0	505119.8	5408358.3	10965.00000	316.90	130	48.828182	-86.930242	56089.54	56250.6	-0.61	56088.93	56089.26172	56081.84334	56083.46094	505119.8	5408358.3
L5120.0	505119.8	5408358.3	10965.09961	318.05	130	48.828182	-86.930242	56089.46	56250.6	-0.61	56088.85	56089.17969	56080.49447	56082.09375	505119.8	5408358.3
L5120.0	505119.8	5408359.8	10965.20020	318.34	130	48.828197	-86.930242	56089.50	56250.6	-0.61	56088.89	56089.21875	56081.27081	56082.85156	505119.8	5408359.8
L5120.0	505119.8	5408361.5	10965.29981	317.13	130	48.828211	-86.930242	56089.48	56250.6	-0.62	56088.86	56089.18750	56080.80902	56082.37109	505119.8	5408361.5
L5120.0	505119.8	5408362.4	10965.40039	318.28	130	48.828219	-86.930241	56089.56	56250.6	-0.62	56088.95	56089.27734	56082.50651	56084.05078	505119.8	5408362.4
L5120.0	505119.9	5408363.8	10965.50000	318.64	130	48.828232	-86.930241	56089.53	56250.6	-0.62	56088.91	56089.23438	56081.87940	56083.40234	505119.9	5408363.8
L5120.0	505119.9	5408363.8	10965.59961	319.16	130	48.828232	-86.930241	56089.56	56250.6	-0.62	56088.94	56089.26563	56082.52315	56084.02734	505119.9	5408363.8
L5120.0	505119.9	5408365.3	10965.70020	320.96	130	48.828246	-86.930241	56089.48	56250.6	-0.62	56088.86	56089.18359	56081.17547	56082.66016	505119.9	5408365.3
L5120.0	505119.9	5408366.7	10965.79981	321.71	130	48.828258	-86.930240	56089.56	56250.6	-0.63	56088.93	56089.25000	56082.56635	56084.03516	505119.9	5408366.7
L5120.0	505119.9	5408368.1	10965.90039	320.35	130	48.828271	-86.930240	56089.48	56250.6	-0.63	56088.85	56089.16797	56081.22160	56082.66797	505119.9	5408368.1
L5120.0	505119.9	5408369.2	10966.00000	321.24	130	48.828281	-86.930240	56089.48	56250.6	-0.63	56088.85	56089.16797	56081.34524	56082.77344	505119.9	5408369.2
L5120.0	505119.9	5408370.4	10966.00000	321.24	130	48.828291	-86.930240	56089.43	56250.6	-0.63	56088.80	56089.11719	56080.55162	56081.96094	505119.9	5408370.4
L5120.0	505119.9	5408370.4	10966.20020	318.45	130	48.828291	-86.930240	56089.46	56250.6	-0.63	56088.83	56089.14453	56081.23886	56082.62891	505119.9	5408370.4
L5120.0	505120.0	5408371.8	10966.29981	316.96	130	48.828304	-86.930240	56089.43	56250.6	-0.62	56088.81	56089.12500	56081.00651	56082.37500	505120.0	5408371.8
L5120.0	505120.0	5408373.4	10966.40039	316.09	130	48.828318	-86.930239	56089.43	56250.6	-0.62	56088.81	56089.12109	56081.14969	56082.50000	505120.0	5408373.4
L5120.0	505120.0	5408374.5	10966.50000	315.80	130	48.828328	-86.930239	56089.40	56250.6	-0.62	56088.78	56089.08984	56080.73839	56082.06641	505120.0	5408374.5
L5120.0	505120.0	5408374.5	10966.59961	318.42	130	48.828328	-86.930239	56089.48	56250.6	-0.62	56088.86	56089.17188	56082.38665	56083.69531	505120.0	5408374.5
L5120.0	505120.0	5408376.5	10966.70020	320.31	130	48.828347	-86.930239	56089.43	56250.6	-0.62	56088.82	56089.12891	56081.79749	56083.08594	505120.0	5408376.5
L5120.0	505120.0	5408378.4	10966.79981	321.11	130	48.828363	-86.930239	56089.35	56250.6	-0.61	56088.74	56089.04688	56080.45839	56081.72656	505120.0	5408378.4
L5120.0	505120.0	5408378.4	10966.90039	317.78	130	48.828363	-86.930239	56089.31	56250.6	-0.61	56088.70	56089.00781	56079.87019	56081.11719	505120.0	5408378.4
L5120.0	505120.0	5408379.7	10967.00000	318.37	130	48.828375	-86.930239	56089.38	56250.6	-0.61	56088.77	56089.07422	56081.35754	56082.58203	505120.0	5408379.7
L5120.0	505120.0	5408381.1	10967.09961	319.00	130	48.828388	-86.930239	56089.28	56250.6	-0.61	56088.68	56088.98438	56079.83054	56081.03516	505120.0	5408381.1
L5120.0	505120.0	5408382.5	10967.20020	318.93	130	48.828400	-86.930239	56089.27	56250.6	-0.60	56088.67	56088.97266	56079.81530	56081.00000	505120.0	5408382.5
L5120.0	505120.0	5408383.6	10967.29981	320.01	130	48.828410	-86.930239	56089.23	56250.6	-0.60	56088.64	56088.94531	56079.42305	56080.58594	505120.0	5408383.6
L5120.0	505120.0	5408384.8	10967.40039	318.99	130	48.828421	-86.930239	56089.34	56250.6	-0.59	56088.74	56089.04297	56081.50380	56082.64453	505120.0	5408384.8
L5120.0	505120.0	5408385.9	10967.50000	319.82	130	48.828431	-86.930239	56089.26	56250.6	-0.59	56088.67	56088.97266	56080.35567	56081.47656	505120.0	5408385.9
L5120.0	505120.0	5408385.9	10967.59961	320.26	130	48.828431	-86.930239	56089.27	56250.6	-0.59	56088.69	56088.99219	56080.92359	56082.01953	505120.0	5408385.9
L5120.0	505120.0	5408388.2	10967.70020	320.08	130	48.828451	-86.930239	56089.28	56250.6	-0.58	56088.70	56089.00000	56081.30442	56082.37891	505120.0	5408388.2
L5120.0	505120.0	5408388.2	10967.79981	321.77	130	48.828451	-86.930239	56089.26	56250.6	-0.58	56088.68	56088.98047	56081.11094	56082.16406	505120.0	5408388.2
L5120.0	505120.0	5408389.5	10967.90039	320.56	130	48.828463	-86.930239	56089.23	56250.6	-0.57	56088.66	56088.96094	56080.91914	56081.95313	505120.0	5408389.5
L5120.0	505120.0	5408391.1	10968.00000	321.41	130	48.828477	-86.930239	56089.26	56250.6	-0.57	56088.69	56088.99219	56081.69818	56082.70703	505120.0	5408391.1
L5120.0	505120.0	5408392.2	10968.00000	321.41	130	48.828488	-86.930239	56089.18	56250.6	-0.57	56088.61	56088.91406	56080.35600	56081.34375	505120.0	5408392.2
L5120.0	505120.0	5408393.6	10968.20020	319.55	130	48.828500	-86.930239	56089.21	56250.6	-0.58	56088.63	56088.93359	56080.95767	56081.92188	505120.0	5408393.6
L5120.0	505120.0	5408393.6	10968.29981	319.02	130	48.828500	-86.930239	56089.16	56250.6	-0.58	56088.58	56088.88281	56080.21069	56081.15234	505120.0	5408393.6
L5120.0	505120.0	5408395.6	10968.40039	320.38	130	48.828519	-86.930239	56089.16	56250.6	-0.58	56088.58	56088.88672	56080.44770	56081.36719	505120.0	5408395.6
L5120.0	505119.9	5408396.8	10968.50000	318.74	130	48.828529	-86.930240	56089.16	56250.6	-0.58	56088.58	56088.88672	56080.69795	56081.59375	505119.9	5408396.8
L5120.0	505119.9	5408396.8	10968.59961	319.06	130	48.828529	-86.930240	56089.18	56250.6	-0.59	56088.59	56088.89844	56081.15381	56082.02734	505119.9	5408396.8
L5120.0	505119.9	5408398.4	10968.70020	320.28	130	48.828543	-86.930240	56089.13	56250.6	-0.59	56088.54	56088.84766	56080.46324	56081.31250	505119.9	5408398.4
L5120.0	505119.9	5408399.7	10968.79981	319.52	130	48.828555	-86.930240	56089.16	56250.6	-0.59	56088.57	56088.88281	56081.32257	56082.15234	505119.9	5408399.7
L5120.0	505119.9	5408401.1	10968.90039	319.55	130	48.828567	-86.930240	56089.06	56250.6	-0.60	56088.46	56088.77344	56079.51439	56080.32031	505119.9	5408401.1
L5120.0	505119.9	5408402.4	10969.00000	320.84	130	48.828580	-86.930240	56089.18	56250.6	-0.60	56088.58	56088.89453	56082.08719	56082.86719	505119.9	5408402.4
L5120.0	505119.9	5408402.4	10969.09961	320.64	130	48.828580	-86.930240	56089.07	56250.6	-0.60	56088.47	56088.78906	56080.30515	56081.06250	505119.9	5408402.4
L5120.0	505119.9	5408404.9	10969.20020	321.90	130	48.828602	-86.930240	56089.03	56250.6	-0.60	56088.42	56088.74219	56079.66018	56080.39453	505119.9	5408404.9
L5120.0	505119.9	5408404.9	10969.29981	319.78	130	48.828602	-86.930240	56088.95	56250.6	-0.61	56088.35	56088.67578	56078.64023	56079.35156	505119.9	5408404.9
L5120.0	505119.9	5408406.3	10969.40039	319.64	130	48.828614	-86.930240	56089.00	56250.6	-0.61	56088.40	56088.72656	56079.83856	56080.52344	505119.9	5408406.3
L5120.0	505119.9	5408407.9	10969.50000	320.89	130	48.828629	-86.930240	56088.86	56250.6	-0.61	56088.25	56088.58203	56077.31805	56077.98047	505119.9	5408407.9
L5120.0	505119.9	5408409.0	10969.59961	321.41	130	48.828639	-86.930240	56089.03	56250.6	-0.61	56088.42	56088.75391	56080.70726	56081.34375	505119.9	5408409.0
L5120.0	505119.9	5408409.0	10969.70020	318.45	130	48.828639	-86.930240	56088.95	56250.6	-0.61	56088.34	56088.67969	56079.46241	56080.07422	505119.9	5408409.0
L5120.0	505119.9	5408410.4	10969.79981	315.94	130	48.828651	-86.930240	56089.02	56250.6	-0.62	56088.41	56088.75391	56080.98633	56081.57422	505119.9	5408410.4
L5120.0	505119.9	5408412.4	10969.90039	315.39	130	48.828670	-86.930240	56088.95	56250.6	-0.62	56088.33	56088.67969	56079.73187	56080.29688	505119.9	5408412.4
L5120.0	505119.9	5408412.4	10970.00000	315.17	130	48.828670	-86.930240	56089.03	56250.6	-0.62	56088.41	56088.76172	56081.44193	56081.98047	505119.9	5408412.4
L5120.0	505119.9	5408414.7	10970.00000	315.17	130	48.828690	-86.930240	56089.03	56250.6	-0.62	56088.41	56088.76953	56081.67328	56082.18750	505119.9	5408414.7
L5120.0	505119.9	5408414.7	10970.09961	315.96	130	48.828690	-86.930240	56089.08	56250.6	-0.62	56088.46	56088.82422	56082.83272	56083.32031	505119.9	5408414.7
L5120.0	505119.9	5408416.3	10970.20020	317.09	130	48.828705	-86.930240	56088.88	56250.6	-0.62	56088.26	56088.62891	56079.37561	56079.83984	505119.9	5408416.3
L5120.0	505119.9	5408417.2	10970.20020	317.09	130	48.828713	-86.930240	56089.00	56250.6	-0.62	56088.39	56088.76563	56082.00893	56082.44531	505119.9	5408417.2
L5120.0	505119.9	5408418.3	10970.50000	319.43	130	48.828723	-86.930239	56088.92	56250.6	-0.61	56088.31	56088.69141	56080.77378	56081.18750	505119.9	5408418.3
L5120.0	505119.9	5408419.9	10970.59961	322.21	130	48.828737	-86.930239	56089.00	56250.6	-0.61	56088.40	56088.78906	56082.64846	56083.03516	505119.9	5408419.9
L5120.0	505119.9	5408419.9	10970.70020	323.06	130	48.828737	-86.930239	56088.86	56250.6	-0.61	56088.25	56088.64844	56080.13810	56080.50000	505119.9	5408419.9

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5120.0	505120.0	5408421.3	10970.79981	323.96	130	48.828750	-86.930239	56088.80	56250.6	-0.60	56088.20	56088.60547	56079.44898	56079.78516	505120.0	5408421.3
L5120.0	505120.0	5408422.6	10970.90039	323.25	130	48.828761	-86.930239	56088.83	56250.6	-0.60	56088.23	56088.64453	56080.19890	56080.50781	505120.0	5408422.6
L5120.0	505120.0	5408424.1	10971.00000	322.21	130	48.828774	-86.930239	56088.93	56250.6	-0.60	56088.33	56088.75000	56082.19200	56082.47656	505120.0	5408424.1
L5120.0	505120.0	5408425.4	10971.09961	321.54	130	48.828786	-86.930239	56088.83	56250.6	-0.60	56088.23	56088.66016	56080.57532	56080.83203	505120.0	5408425.4
L5120.0	505120.0	5408426.7	10971.20020	319.70	130	48.828798	-86.930239	56088.88	56250.6	-0.60	56088.28	56088.71875	56081.63645	56081.86719	505120.0	5408426.7
L5120.0	505120.0	5408427.6	10971.29981	317.63	130	48.828806	-86.930239	56088.68	56250.6	-0.60	56088.08	56088.53125	56078.22388	56078.42969	505120.0	5408427.6
L5120.0	505120.0	5408429.0	10971.40039	316.08	130	48.828819	-86.930239	56088.65	56250.6	-0.60	56088.05	56088.50781	56077.84026	56078.01953	505120.0	5408429.0
L5120.0	505120.0	5408429.0	10971.50000	314.34	130	48.828819	-86.930239	56088.65	56250.6	-0.60	56088.05	56088.51953	56077.97903	56078.13281	505120.0	5408429.0
L5120.0	505120.0	5408430.4	10971.59961	313.51	130	48.828831	-86.930239	56088.72	56250.6	-0.59	56088.13	56088.60938	56079.51701	56079.64453	505120.0	5408430.4
L5120.0	505120.0	5408432.0	10971.70020	314.62	130	48.828845	-86.930239	56088.72	56250.6	-0.59	56088.13	56088.62109	56079.62308	56079.72266	505120.0	5408432.0
L5120.0	505120.0	5408433.6	10971.79981	314.88	130	48.828860	-86.930239	56088.77	56250.6	-0.59	56088.18	56088.68359	56080.58851	56080.66406	505120.0	5408433.6
L5120.0	505120.0	5408434.7	10971.90039	315.91	130	48.828870	-86.930239	56088.83	56250.6	-0.59	56088.24	56088.75391	56081.70441	56081.75391	505120.0	5408434.7
L5120.0	505120.0	5408435.7	10972.00000	315.42	130	48.828879	-86.930238	56088.89	56250.6	-0.59	56088.31	56088.83594	56082.96990	56082.99219	505120.0	5408435.7
L5120.0	505120.0	5408435.7	10972.00000	315.42	130	48.828879	-86.930238	56088.77	56250.6	-0.59	56088.18	56088.71875	56080.71693	56080.71094	505120.0	5408435.7
L5120.0	505120.0	5408437.2	10972.20020	315.90	130	48.828893	-86.930238	56088.80	56250.6	-0.59	56088.21	56088.76172	56081.22730	56081.19531	505120.0	5408437.2
L5120.0	505120.0	5408438.6	10972.29981	319.18	130	48.828905	-86.930238	56088.80	56250.6	-0.59	56088.21	56088.77734	56081.18069	56081.12109	505120.0	5408438.6
L5120.0	505120.0	5408440.2	10972.40039	319.92	130	48.828919	-86.930238	56088.77	56250.6	-0.59	56088.18	56088.76172	56080.57030	56080.48438	505120.0	5408440.2
L5120.0	505120.0	5408440.2	10972.50000	319.71	130	48.828919	-86.930238	56088.75	56250.6	-0.60	56088.15	56088.74609	56079.91807	56079.80469	505120.0	5408440.2
L5120.0	505120.1	5408441.6	10972.59961	319.66	130	48.828932	-86.930237	56088.77	56250.6	-0.60	56088.18	56088.78906	56080.29591	56080.15625	505120.1	5408441.6
L5120.0	505120.1	5408442.5	10972.70020	319.64	130	48.828940	-86.930237	56088.75	56250.6	-0.60	56088.15	56088.77344	56079.56687	56079.40234	505120.1	5408442.5
L5120.0	505120.1	5408443.9	10972.79981	320.24	130	48.828952	-86.930237	56088.72	56250.6	-0.60	56088.13	56088.76953	56078.97931	56078.78906	505120.1	5408443.9
L5120.0	505120.1	5408445.9	10972.90039	320.07	130	48.828971	-86.930237	56088.72	56250.6	-0.60	56088.12	56088.77734	56078.54177	56078.32422	505120.1	5408445.9
L5120.0	505120.1	5408445.9	10973.00000	321.28	130	48.828971	-86.930237	56088.86	56250.6	-0.60	56088.26	56088.93359	56080.86765	56080.62109	505120.1	5408445.9
L5120.0	505120.1	5408447.3	10973.09961	319.66	130	48.828983	-86.930237	56088.77	56250.6	-0.60	56088.18	56088.87109	56079.09297	56078.82031	505120.1	5408447.3
L5120.0	505120.1	5408448.7	10973.20020	318.35	130	48.828995	-86.930237	56088.70	56250.6	-0.59	56088.11	56088.81641	56077.46593	56077.16797	505120.1	5408448.7
L5120.0	505120.1	5408449.6	10973.29981	320.88	130	48.829004	-86.930237	56088.75	56250.6	-0.59	56088.16	56088.88672	56078.08575	56077.76172	505120.1	5408449.6
L5120.0	505120.1	5408451.0	10973.40039	321.97	130	48.829016	-86.930237	56088.80	56250.6	-0.58	56088.22	56088.96484	56078.88922	56078.53906	505120.1	5408451.0
L5120.0	505120.1	5408452.2	10973.50000	321.78	130	48.829027	-86.930237	56088.77	56250.6	-0.58	56088.19	56088.95313	56077.95472	56077.57813	505120.1	5408452.2
L5120.0	505120.1	5408453.7	10973.59961	319.80	130	48.829041	-86.930236	56088.77	56250.6	-0.58	56088.19	56088.97266	56077.57415	56077.16797	505120.1	5408453.7
L5120.0	505120.1	5408453.7	10973.70020	320.03	130	48.829041	-86.930236	56088.73	56250.6	-0.57	56088.16	56088.96094	56076.59215	56076.16016	505120.1	5408453.7
L5120.0	505120.1	5408455.1	10973.79981	319.55	130	48.829053	-86.930236	56088.82	56250.6	-0.57	56088.25	56089.07422	56077.91320	56077.45703	505120.1	5408455.1
L5120.0	505120.1	5408456.0	10973.90039	319.64	130	48.829062	-86.930236	56088.80	56250.6	-0.56	56088.24	56089.08203	56077.27551	56076.79297	505120.1	5408456.0
L5120.0	505120.2	5408457.6	10974.00000	319.59	130	48.829076	-86.930236	56088.93	56250.6	-0.56	56088.37	56089.23438	56079.34213	56078.83203	505120.2	5408457.6
L5120.0	505120.2	5408458.5	10974.00000	319.59	130	48.829084	-86.930236	56088.88	56250.6	-0.56	56088.32	56089.20703	56077.88218	56077.34766	505120.2	5408458.5
L5120.0	505120.2	5408459.9	10974.20020	318.27	130	48.829097	-86.930235	56088.98	56250.6	-0.57	56088.41	56089.31641	56079.13228	56078.57422	505120.2	5408459.9
L5120.0	505120.2	5408461.1	10974.29981	318.88	130	48.829108	-86.930235	56089.03	56250.6	-0.57	56088.46	56089.39063	56079.58100	56078.99609	505120.2	5408461.1
L5120.0	505120.2	5408461.1	10974.40039	318.08	130	48.829108	-86.930235	56089.13	56250.6	-0.57	56088.56	56089.51172	56080.98610	56080.37891	505120.2	5408461.1
L5120.0	505120.2	5408462.6	10974.50000	316.78	130	48.829121	-86.930235	56089.18	56250.6	-0.57	56088.60	56089.57813	56081.19640	56080.56250	505120.2	5408462.6
L5120.0	505120.3	5408464.3	10974.59961	318.26	130	48.829136	-86.930234	56089.13	56250.6	-0.58	56088.56	56089.56250	56079.81853	56079.16016	505120.3	5408464.3
L5120.0	505120.3	5408465.6	10974.70020	320.18	130	48.829148	-86.930234	56089.16	56250.6	-0.58	56088.58	56089.60547	56079.59361	56078.91016	505120.3	5408465.6
L5120.0	505120.4	5408467.0	10974.79981	321.94	130	48.829160	-86.930233	56089.28	56250.6	-0.58	56088.70	56089.75000	56081.30708	56080.60156	505120.4	5408467.0
L5120.0	505120.4	5408468.1	10974.90039	320.96	130	48.829171	-86.930233	56089.23	56250.6	-0.59	56088.65	56089.72656	56079.67015	56078.93750	505120.4	5408468.1
L5120.0	505120.4	5408468.1	10975.00000	321.31	130	48.829171	-86.930233	56089.25	56250.6	-0.59	56088.66	56089.76172	56079.19049	56078.43359	505120.4	5408468.1
L5120.0	505120.4	5408469.9	10975.09961	321.06	130	48.829186	-86.930232	56089.31	56250.6	-0.59	56088.72	56089.84766	56079.67370	56078.89453	505120.4	5408469.9
L5120.0	505120.4	5408471.0	10975.20020	321.51	130	48.829196	-86.930232	56089.31	56250.6	-0.59	56088.72	56089.87109	56078.96604	56078.16406	505120.4	5408471.0
L5120.0	505120.5	5408472.4	10975.29981	321.66	130	48.829209	-86.930231	56089.34	56250.6	-0.59	56088.75	56089.92969	56078.83239	56078.00781	505120.5	5408472.4
L5120.0	505120.5	5408473.5	10975.40039	320.35	130	48.829219	-86.930231	56089.48	56250.6	-0.59	56088.89	56090.09766	56080.83710	56079.99219	505120.5	5408473.5
L5120.0	505120.5	5408474.7	10975.50000	319.23	130	48.829229	-86.930231	56089.62	56250.6	-0.59	56089.03	56090.26563	56082.82514	56081.95703	505120.5	5408474.7
L5120.0	505120.5	5408476.0	10975.59961	318.63	130	48.829242	-86.930231	56089.56	56250.6	-0.59	56088.97	56090.23438	56080.89790	56080.00781	505120.5	5408476.0
L5120.0	505120.5	5408476.0	10975.70020	319.92	130	48.829242	-86.930231	56089.58	56250.6	-0.59	56088.99	56090.28125	56080.52376	56079.61328	505120.5	5408476.0
L5120.0	505120.5	5408477.5	10975.79981	319.93	130	48.829255	-86.930231	56089.62	56250.6	-0.59	56089.03	56090.35156	56080.53023	56079.59766	505120.5	5408477.5
L5120.0	505120.5	5408478.9	10975.90039	318.82	130	48.829267	-86.930230	56089.66	56250.6	-0.59	56089.07	56090.42188	56080.52852	56079.57813	505120.5	5408478.9
L5120.0	505120.5	5408480.2	10976.00000	319.64	130	48.829279	-86.930230	56089.84	56250.6	-0.59	56089.25	56090.62891	56083.22096	56082.25000	505120.5	5408480.2
L5120.0	505120.5	5408480.2	10976.00000	319.64	130	48.829279	-86.930230	56089.92	56250.6	-0.59	56089.33	56090.74219	56083.96617	56082.97266	505120.5	5408480.2
L5120.0	505120.6	5408481.5	10976.20020	320.95	130	48.829291	-86.930230	56090.01	56250.6	-0.59	56089.42	56090.85938	56084.89248	56083.88281	505120.6	5408481.5
L5120.0	505120.6	5408482.7	10976.29981	319.64	130	48.829302	-86.930230	56089.96	56250.6	-0.59	56089.37	56090.84375	56083.12475	56082.09766	505120.6	5408482.7
L5120.0	505120.6	5408483.8	10976.40039	320.83	130	48.829312	-86.930230	56089.93	56250.6	-0.59	56089.34	56090.84375	56081.73991	56080.69141	505120.6	5408483.8
L5120.0	505120.6	5408484.9	10976.50000	319.52	130	48.829322	-86.930230	56090.04	56250.6	-0.60	56089.45	56090.98438	56083.02792	56081.96094	505120.6	5408484.9
L5120.0	505120.6	5408486.3	10976.59961	320.33	130	48.829334	-86.930230	56090.09	56250.6	-0.60	56089.49	56091.05859	56082.97111	56081.88672	505120.6	5408486.3
L5120.0	505120.6	5408487.6	10976.70020	319.46	130	48.829346	-86.930229	56090.14	56250.6	-0.60	56089.55	56091.15234	56083.29157	56082.19141	505120.6	5408487.6
L5120.0	505120.6	5408489.0	10976.79981	319.18	130	48.829358	-86.930229	56090.26	56250.6	-0.60	56089.66	56091.29297	56084.56401	56083.44922	505120.6	5408489.0
L5120.0	505120.6	5408489.0	10976.90039	319.53	130	48.829358	-86.930229	56090.25	56250.6	-0.60	56089.65	56091.31641	56083.54220	56082.41406	505120.6	5408489.0
L5120.0	505120.6	5408491.1	10977.00000	320.20	130	48.829377	-86.930229	56090.29	56250.6	-0.60	56089.69	56091.39063	56083.47809	56082.33203	505120.6	5408491.1
L5120.0	505120.6	5408492.4	10977.09961	319.37	130	48.829389	-86.930229	56090.29	56250.6	-0.60	56089.69	56091.42578	56082.65210	56081.49219	505120.6	5408492.4
L5120.0	505120.6	5408492.4	10977.20020	318.18	130	48.829389	-86.930229	56090.30	56250.6	-0.60	56089.69	56091.45703	56081.83418	56080.66016	505120.6	5408492.4
L5120.0	505120.6	5408493.6	10977.29981	317.68	130	48.829400	-86.930229	56090.37	56250.6	-0.61	56089.76	56091.56250	56082.37324	56081.18750	505120.6	5408493.6
L5120.0	505120.6	5408494.9	10977.40039	319.04	130	48.829411	-86.930229	56090.52	56250.6	-0.61	56089.91	56091.75000	56084.46352	56083.26563	505120.6	5408494.9
L5120.0	505120.6	5408496.7	10977.50000	319.06	130	48.829428	-86.930229	56090.55	56250.6	-0.61	56089.94	56091.81250	56084.26684	56083.05859	505120.6	5408496.7
L5120.0	505120.6	5408496.7	10977.59961	318.34	130	48.829428	-86.930229	56090.72	56250.6	-0.61	56090.11	56092.01953	56086.76491	56085.54297	505120.6	5408496.7
L5120.0	505120.6	5408498.3	10977.70020	319.45	130	48.829442	-86.930229	56090.70	56250.6	-0.61	56090.08	56092.02734	56085.46153	56084.23047	505120.6	5408498.3
L5120.0	505120.6	5408499.9	10977.79981	320.33	130	48.829456	-86.930229	56090.68	56250.6	-0.62	56090.06	56092.04297	56084.38409	56083.14453	505120.6	5408499.9
L5120.0	505120.6	5408501.1	10977.90039	321.28	130	48.829467	-86.930229	56090.67	56250.6	-0.62	56090.05	56092.06641	56083.53491	56082.28516	505120.6	5408501.1
L5120.0	505120.6	5408501.1	10978.00000	320.81	130	48.829467	-86.930229	56090.72	56250.6	-0.62	56090.10	56092.15625	56083.84196	56082.58594	505120.6	5408501.1
L5120.0	505120.6	5408502.7	10978.00000	320.81	130	48.829481	-86.930230	56090.70	56250.6	-0.62	56090.07	56092.16016	56082.70021	56081.43359	505120.6	5408502.7
L5120.0	505120.6	5408503.8	10978.20020	320.69	130	48.829492	-86.930230	56090.83	56250.6	-0.62	56090.21	56092.33984	56084.70299	56083.43359	505120.6	5408503.8
L5120.0	505120.6	5408505.0	10978.29981	320.24	130	48.829502	-86.930230	56090.77	56250.6	-0.62	56090.15	56092.31641	56083.09548	56081.82031	505120.6	5408505.0
L5120.0	505120.6	5408506.8	10978.40039	318.12	130	48.829518	-86.930230	56090.88	56250.6	-0.62	56090.25	56092.45313	56084.39425	56083.11328	505120.6	5408506.8
L5120.0	505120.6	5408506.8	10978.50000	319.09	130	48.829518	-86.930230	56090.95	56250.6	-0.62	56090.32	56092.56250	56085.16318	56083.87500	505120.6	5408506.8
L5120.0	505120.6	5408508.1	10978.59961	318.11	130	48.829530	-86.930230	56091.10	56250.6	-0.62	56090.48	56092.76172	56088.63005	56087.33984	505120.6	5408508.1
L5120.0	505120.6	5408509.7	10978.70020	317.34	130	48.829544	-86.930230	56091.08	56250.6	-0.62	56090.46	56092.77734	56087.36431	56086.07422	505120.6	5408509.7
L5120.0	505120.6	5408510.8	10978.79981	314.88	130	48.829555	-86.930230	56091.13	56250.6	-0.62	56090.51	56092.86719	56087.95231	56086.66016	505120.6	5408510.8
L5120.0	505120.6	5408511.9	10978.90039	313.58	130	48.829565	-86.930230	56091.11	56250.6	-0.62	56090.49	56092.88672	56086.79795	56085.50391	505120.6	5408511.9
L5120.0	505120.5	5408513.3	10979.00000	311.62	130	48.829577	-86.930230	56091.20	56250.6	-0.62	56090.58	56093.01563	56088.44945	56087.15625	505120.5	5408513.3
L5120.0	505120.5	5408513.3	10979.09961	313.17	130	48.829577	-86.930230	56091.20	56250.6	-0.62	56090.58	56093.05469	56087.88222	56086.58984	505120.5	5408513.3
L5120.0	505120.5	5408514.9	10979.20020	313.16	130	48.829591	-86.930230	56091.16	56250.6	-0.62	56090.54	56093.05469	56086.37824	56085.08594	505120.5	5408514.9
L5120.0	505120.5	5408514.9	10979.29981	313.63	130	48.829591	-86.930230	56091.13	56250.6	-0.62	56090.51	56093.06250	56085.16951	56083.87891	505120.5	5408514.9
L5120.0	505120.5	5408516.7	10979.40039	313.69	130	48.829607	-86.930230	56091.18	56250.6	-0.62	56090.56	56093.15234	56085.95908	56084.67188	505120.5	5408516.7
L5120.0	505120.5	5408518.0	10979.50000	315.24	130	48.829620	-86.930230	56091.31	56250.6	-0.62	56090.68	56093.31250	56088.50906	56087.22656	505120.5	5408518.0
L5120.0	505120.5	5408519.5	10979.59961	314.03	130	48.829632	-86.930230	56091.31	56250.6	-0.62	56090.68	56093.35156	56088.16341	56086.88672	505120.5	5408519.5
L5120.0	505120.5	5408520.8	10979.70020	314.73	130	48.829644	-86.930230	56091.20	56250.6	-0.62	56090.58	56093.29297	56085.36374	56084.09375	505120.5	5408520.8
L5120.0	505120.5	5408522.0	10979.79981	315.51	130	48.829655	-86.930230	56091.16	56250.6	-0.62	56090.54	56093.29297	56084.06993	56082.80859	505120.5	5408522.0
L5120.0	505120.5	5408522.0	10979.90039	315.90	130	48.829655	-86.930230	56091.26	56250.6	-0.62	56090.64	56093.42969	56086.39508	56085.14063	505120.5	5408522.0
L5120.0	505120.5	5408523.3	10980.00000	316.30	130	48.829667	-86.930230	56091.28	56250.6	-0.62	56090.66	56093.49219	56086.77126	56085.52734	505120.5	5408523.3

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5120.0	505120.5	5408524.6	10980.00000	316.30	130	48.829679	-86.930231	56091.28	56250.6	-0.62	56090.66	56093.53125	56087.14998	56085.91406	505120.5	5408524.6
L5120.0	505120.5	5408526.0	10980.20020	316.13	130	48.829691	-86.930231	56091.38	56250.6	-0.62	56090.76	56093.67188	56089.01095	56087.78516	505120.5	5408526.0
L5120.0	505120.5	5408527.4	10980.29981	318.81	130	48.829704	-86.930231	56091.38	56250.6	-0.62	56090.76	56093.71094	56089.18003	56087.96875	505120.5	5408527.4
L5120.0	505120.4	5408528.7	10980.40039	319.07	130	48.829715	-86.930231	56091.28	56250.6	-0.62	56090.66	56093.65234	56087.56583	56086.36719	505120.4	5408528.7
L5120.0	505120.4	5408529.8	10980.50000	319.85	130	48.829726	-86.930231	56091.25	56250.6	-0.62	56090.64	56093.67188	56087.47476	56086.28906	505120.4	5408529.8
L5120.0	505120.4	5408529.8	10980.59961	320.16	130	48.829726	-86.930231	56091.18	56250.6	-0.61	56090.57	56093.64063	56086.49979	56085.32813	505120.4	5408529.8
L5120.0	505120.4	5408531.4	10980.70020	322.00	130	48.829740	-86.930232	56091.18	56250.6	-0.61	56090.57	56093.67969	56086.93811	56085.78125	505120.4	5408531.4
L5120.0	505120.4	5408532.8	10980.79981	321.79	130	48.829752	-86.930232	56091.16	56250.6	-0.61	56090.54	56093.69141	56086.88441	56085.74609	505120.4	5408532.8
L5120.0	505120.4	5408534.1	10980.90039	324.10	130	48.829764	-86.930232	56091.28	56250.6	-0.61	56090.67	56093.85938	56090.08869	56088.96875	505120.4	5408534.1
L5120.0	505120.4	5408535.0	10981.00000	323.39	130	48.829772	-86.930232	56091.36	56250.6	-0.61	56090.75	56093.98047	56092.43289	56091.32813	505120.4	5408535.0
L5120.0	505120.3	5408536.4	10981.09961	322.15	130	48.829785	-86.930233	56091.46	56250.6	-0.61	56090.85	56094.12109	56095.29036	56094.20703	505120.3	5408536.4
L5120.0	505120.3	5408536.4	10981.20020	323.01	130	48.829785	-86.930233	56091.18	56250.6	-0.61	56090.57	56093.87891	56090.60507	56089.54297	505120.3	5408536.4
L5120.0	505120.3	5408537.8	10981.29981	320.91	130	48.829798	-86.930233	56091.10	56250.6	-0.62	56090.49	56093.83984	56090.01922	56088.98047	505120.3	5408537.8
L5120.0	505120.3	5408539.1	10981.40039	321.99	130	48.829809	-86.930233	56090.96	56250.6	-0.62	56090.34	56093.72656	56088.11460	56087.09766	505120.3	5408539.1
L5120.0	505120.3	5408540.5	10981.50000	321.20	130	48.829822	-86.930233	56091.00	56250.6	-0.62	56090.38	56093.80469	56090.13936	56089.14453	505120.3	5408540.5
L5120.0	505120.3	5408540.5	10981.59961	319.69	130	48.829822	-86.930233	56090.82	56250.6	-0.62	56090.20	56093.66406	56087.83156	56086.85938	505120.3	5408540.5
L5120.0	505120.3	5408542.0	10981.70020	320.90	130	48.829835	-86.930234	56090.77	56250.6	-0.62	56090.15	56093.65234	56088.24465	56087.30078	505120.3	5408542.0
L5120.0	505120.2	5408543.7	10981.79981	320.11	130	48.829851	-86.930234	56090.66	56250.6	-0.63	56090.03	56093.57031	56087.35935	56086.44141	505120.2	5408543.7
L5120.0	505120.2	5408544.7	10981.90039	319.50	130	48.829860	-86.930234	56090.70	56250.6	-0.63	56090.07	56093.64844	56089.76988	56088.87891	505120.2	5408544.7
L5120.0	505120.2	5408546.1	10982.00000	318.99	130	48.829872	-86.930234	56090.52	56250.6	-0.63	56089.89	56093.50781	56087.90506	56087.04297	505120.2	5408546.1
L5120.0	505120.2	5408547.5	10982.00000	318.99	130	48.829885	-86.930234	56090.45	56250.6	-0.63	56089.82	56093.47656	56088.33367	56087.50000	505120.2	5408547.5
L5120.0	505120.2	5408547.5	10982.20020	319.32	130	48.829885	-86.930234	56090.32	56250.6	-0.63	56089.69	56093.38281	56087.68630	56086.88281	505120.2	5408547.5
L5120.0	505120.2	5408549.0	10982.29981	318.38	130	48.829898	-86.930234	56090.29	56250.6	-0.63	56089.66	56093.39063	56089.11449	56088.34375	505120.2	5408549.0
L5120.0	505120.2	5408550.2	10982.40039	317.09	130	48.829909	-86.930234	56090.14	56250.6	-0.63	56089.52	56093.28906	56088.49361	56087.75391	505120.2	5408550.2
L5120.0	505120.2	5408551.7	10982.50000	316.78	130	48.829923	-86.930235	56089.98	56250.6	-0.63	56089.36	56093.16406	56087.59756	56086.89063	505120.2	5408551.7
L5120.0	505120.2	5408551.7	10982.59961	317.25	130	48.829923	-86.930235	56089.87	56250.6	-0.62	56089.24	56093.08203	56087.59910	56086.92578	505120.2	5408551.7
L5120.0	505120.2	5408553.1	10982.70020	317.30	117.59	48.829935	-86.930235	56089.93	56250.6	-0.62	56089.31	56093.18750	56091.41983	56090.78125	505120.2	5408553.1
L5120.0	505120.2	5408554.6	10982.79981	320.10	116.75	48.829949	-86.930235	56089.64	56250.6	-0.62	56089.02	56092.93359	56088.34314	56087.74219	505120.2	5408554.6
L5120.0	505120.2	5408555.8	10982.90039	320.82	116.75	48.829959	-86.930235	56089.54	56250.6	-0.62	56088.92	56092.86719	56089.08750	56088.52344	505120.2	5408555.8
L5120.0	505120.1	5408557.2	10983.00000	319.70	117.36	48.829972	-86.930235	56089.43	56250.6	-0.62	56088.81	56092.79297	56089.75599	56089.22656	505120.1	5408557.2
L5120.0	505120.1	5408557.2	10983.09961	320.51	117.36	48.829972	-86.930235	56089.43	56250.6	-0.62	56088.81	56092.82813	56092.66833	56092.17969	505120.1	5408557.2
L5120.0	505120.2	5408558.8	10983.20020	321.58	117.36	48.829987	-86.930235	56089.08	56250.6	-0.62	56088.46	56092.51172	56088.93880	56088.48828	505120.2	5408558.8
L5120.0	505120.2	5408560.2	10983.29981	322.14	117.36	48.829999	-86.930234	56088.98	56250.6	-0.62	56088.36	56092.44531	56090.15377	56089.74219	505120.2	5408560.2
L5120.0	505120.2	5408561.5	10983.40039	321.30	117.36	48.830011	-86.930234	56088.80	56250.6	-0.62	56088.18	56092.30078	56089.95159	56089.58203	505120.2	5408561.5
L5120.0	505120.2	5408563.1	10983.50000	322.11	117.36	48.830025	-86.930234	56088.60	56250.6	-0.62	56087.98	56092.13281	56089.49389	56089.16797	505120.2	5408563.1
L5120.0	505120.2	5408563.1	10983.59961	321.04	117.36	48.830025	-86.930234	56088.32	56250.6	-0.62	56087.70	56091.88672	56087.66723	56087.38281	505120.2	5408563.1
L5120.0	505120.2	5408564.3	10983.70020	321.63	117.36	48.830036	-86.930234	56088.22	56250.6	-0.62	56087.60	56091.81641	56089.32540	56089.08594	505120.2	5408564.3
L5120.0	505120.3	5408565.8	10983.79981	319.05	116.28	48.830050	-86.930233	56087.94	56250.6	-0.62	56087.32	56091.57031	56087.77240	56087.57422	505120.3	5408565.8
L5120.0	505120.3	5408565.8	10983.90039	319.37	114.45	48.830050	-86.930233	56087.84	56250.6	-0.62	56087.22	56091.50000	56089.62332	56089.47266	505120.3	5408565.8
L5120.0	505120.3	5408567.2	10984.00000	319.28	114.45	48.830062	-86.930233	56087.54	56250.6	-0.62	56086.92	56091.23047	56087.97583	56087.87109	505120.3	5408567.2
L5120.0	505120.3	5408568.8	10984.00000	319.28	111.06	48.830076	-86.930233	56087.38	56250.6	-0.62	56086.76	56091.10156	56088.94803	56088.88672	505120.3	5408568.8
L5120.0	505120.3	5408570.3	10984.20020	317.76	111.06	48.830090	-86.930233	56087.04	56250.6	-0.62	56086.42	56090.79297	56086.22239	56086.21094	505120.3	5408570.3
L5120.0	505120.3	5408570.3	10984.29981	316.73	104.85	48.830090	-86.930233	56086.82	56250.6	-0.61	56086.21	56090.60938	56086.92267	56086.95703	505120.3	5408570.3
L5120.0	505120.3	5408571.7	10984.40039	315.18	104.23	48.830103	-86.930233	56086.53	56250.6	-0.61	56085.92	56090.35156	56085.72558	56085.80859	505120.3	5408571.7
L5120.0	505120.3	5408572.9	10984.50000	314.22	107.64	48.830113	-86.930233	56086.17	56250.6	-0.61	56085.56	56090.01953	56082.94948	56083.08203	505120.3	5408572.9
L5120.0	505120.3	5408574.4	10984.59961	314.20	107.64	48.830127	-86.930233	56085.74	56250.6	-0.61	56085.13	56089.61719	56078.63752	56078.82031	505120.3	5408574.4
L5120.0	505120.3	5408574.4	10984.70020	313.67	107.79	48.830127	-86.930233	56085.43	56250.6	-0.61	56084.83	56089.34375	56077.80758	56078.04297	505120.3	5408574.4
L5120.0	505120.3	5408576.2	10984.79981	312.83	107.79	48.830143	-86.930233	56085.16	56250.6	-0.60	56084.56	56089.09766	56077.88961	56078.17578	505120.3	5408576.2
L5120.0	505120.3	5408577.8	10984.90039	313.57	107.23	48.830157	-86.930233	56084.98	56250.6	-0.60	56084.38	56088.94531	56080.34336	56080.67969	505120.3	5408577.8
L5120.0	505120.3	5408579.5	10985.00000	314.80	108.71	48.830172	-86.930233	56084.70	56250.6	-0.60	56084.10	56088.69141	56080.47757	56080.86719	505120.3	5408579.5
L5120.0	505120.3	5408579.5	10985.09961	314.33	108.71	48.830172	-86.930233	56084.42	56250.6	-0.60	56083.82	56088.43359	56080.77018	56081.21094	505120.3	5408579.5
L5120.0	505120.3	5408581.0	10985.20020	316.60	110.5	48.830186	-86.930233	56084.10	56250.6	-0.61	56083.49	56088.12891	56079.99422	56080.48828	505120.3	5408581.0
L5120.0	505120.3	5408582.1	10985.29981	317.68	109.8	48.830196	-86.930233	56083.84	56250.6	-0.61	56083.24	56087.90234	56081.35101	56081.90234	505120.3	5408582.1
L5120.0	505120.3	5408583.7	10985.40039	316.90	109.8	48.830211	-86.930233	56083.54	56250.6	-0.61	56082.92	56087.60547	56081.15032	56081.75391	505120.3	5408583.7
L5120.0	505120.3	5408583.7	10985.50000	318.14	110.43	48.830211	-86.930233	56083.39	56250.6	-0.61	56082.77	56087.47656	56085.35966	56086.01953	505120.3	5408583.7
L5120.0	505120.3	5408585.3	10985.59961	317.90	111.15	48.830225	-86.930232	56083.01	56250.6	-0.62	56082.39	56087.11719	56084.02203	56084.73438	505120.3	5408585.3
L5120.0	505120.3	5408586.3	10985.70020	318.41	111.15	48.830234	-86.930232	56082.86	56250.6	-0.62	56082.24	56086.98828	56088.67319	56089.44531	505120.3	5408586.3
L5120.0	505120.4	5408587.6	10985.79981	318.47	109.25	48.830246	-86.930232	56082.27	56250.6	-0.62	56081.65	56086.41797	56082.32932	56083.15625	505120.4	5408587.6
L5120.0	505120.4	5408589.0	10985.90039	318.53	109.25	48.830258	-86.930231	56081.95	56250.6	-0.63	56081.32	56086.10547	56082.76379	56083.64844	505120.4	5408589.0
L5120.0	505120.4	5408589.0	10986.00000	316.44	109.07	48.830258	-86.930231	56081.46	56250.6	-0.63	56080.83	56085.63281	56079.22061	56080.16016	505120.4	5408589.0
L5120.0	505120.4	5408590.7	10986.00000	316.44	108.56	48.830273	-86.930231	56081.12	56250.6	-0.63	56080.49	56085.31250	56079.74068	56080.73828	505120.4	5408590.7
L5120.0	505120.4	5408592.3	10986.20020	316.66	109.42	48.830288	-86.930230	56080.64	56250.6	-0.63	56080.01	56084.84766	56077.95729	56079.01172	505120.4	5408592.3
L5120.0	505120.5	5408593.7	10986.29981	318.92	109.42	48.830300	-86.930230	56080.40	56250.6	-0.63	56079.77	56084.62500	56080.16645	56081.27734	505120.5	5408593.7
L5120.0	505120.5	5408593.7	10986.40039	318.31	107.82	48.830300	-86.930230	56079.85	56250.6	-0.63	56079.22	56084.08984	56077.04746	56078.21875	505120.5	5408593.7
L5120.0	505120.5	5408595.1	10986.50000	317.40	108.28	48.830313	-86.930230	56079.46	56250.6	-0.63	56078.83	56083.71094	56076.86023	56078.08984	505120.5	5408595.1
L5120.0	505120.5	5408596.5	10986.59961	317.63	108.28	48.830325	-86.930230	56078.86	56250.6	-0.63	56078.23	56083.12500	56073.05198	56074.33984	505120.5	5408596.5
L5120.0	505120.5	5408597.4	10986.70020	318.19	105.16	48.830334	-86.930230	56078.51	56250.6	-0.63	56077.88	56082.78906	56073.80934	56075.15625	505120.5	5408597.4
L5120.0	505120.5	5408599.1	10986.79981	318.27	105.81	48.830349	-86.930230	56078.07	56250.6	-0.63	56077.44	56082.35938	56073.07955	56074.48438	505120.5	5408599.1
L5120.0	505120.5	5408600.5	10986.90039	319.13	105.81	48.830361	-86.930230	56077.77	56250.6	-0.63	56077.14	56082.07031	56074.98142	56076.44531	505120.5	5408600.5
L5120.0	505120.5	5408600.5	10987.00000	317.53	102.73	48.830361	-86.930230	56077.21	56250.6	-0.63	56076.58	56081.51953	56072.32908	56073.85156	505120.5	5408600.5
L5120.0	505120.4	5408602.8	10987.09961	317.51	102.73	48.830382	-86.930230	56076.94	56250.6	-0.63	56076.31	56081.25781	56075.01505	56076.59375	505120.4	5408602.8
L5120.0	505120.4	5408602.8	10987.20020	317.50	104.82	48.830382	-86.930230	56076.36	56250.6	-0.63	56075.73	56080.68750	56072.22527	56073.86328	505120.4	5408602.8
L5120.0	505120.4	5408604.4	10987.29981	318.94	106.88	48.830397	-86.930230	56075.92	56250.6	-0.62	56075.30	56080.26563	56072.25740	56073.95313	505120.4	5408604.4
L5120.0	505120.4	5408606.3	10987.40039	318.72	108.2	48.830413	-86.930231	56075.42	56250.6	-0.62	56074.80	56079.76953	56071.13558	56072.89063	505120.4	5408606.3
L5120.0	505120.4	5408607.6	10987.50000	318.81	108.88	48.830425	-86.930231	56075.06	56250.6	-0.62	56074.44	56079.41406	56072.66793	56074.48047	505120.4	5408607.6
L5120.0	505120.4	5408607.6	10987.59961	318.17	108.88	48.830425	-86.930231	56074.54	56250.6	-0.62	56073.92	56078.89844	56071.40813	56073.28125	505120.4	5408607.6
L5120.0	505120.3	5408609.6	10987.70020	317.77	110.89	48.830444	-86.930231	56074.16	56250.6	-0.62	56073.54	56078.52344	56072.80764	56074.73828	505120.3	5408609.6
L5120.0	505120.3	5408609.6	10987.79981	318.13	110.89	48.830444	-86.930231	56073.63	56250.6	-0.61	56073.01	56077.99609	56071.58731	56073.57813	505120.3	5408609.6
L5120.0	505120.3	5408611.0	10987.90039	318.67	109.2	48.830456	-86.930232	56073.04	56250.6	-0.61	56072.43	56077.41797	56069.56330	56071.60938	505120.3	5408611.0
L5120.0	505120.3	5408612.6	10988.00000	318.04	109.3	48.830470	-86.930232	56072.54	56250.6	-0.61	56071.93	56076.91797	56069.10660	56071.21094	505120.3	5408612.6
L5120.0	505120.2	5408613.7	10988.00000	318.04	107.74	48.830480	-86.930233	56072.10	56250.6	-0.61	56071.49	56076.47656	56069.85312	56072.01563	505120.2	5408613.7
L5120.0	505120.2	5408614.6	10988.20020	321.07	103.85	48.830489	-86.930233	56071.45	56250.6	-0.62	56070.83	56075.81250	56066.68918	56068.90625	505120.2	5408614.6
L5120.0	505120.2	5408615.6	10988.29981	318.28	103.92	48.830497	-86.930233	56070.92	56250.6	-0.62	56070.30	56075.28125	56066.00391	56068.28125	505120.2	5408615.6
L5120.0	505120.2	5408617.1	10988.40039	319.75	103.92	48.830511	-86.930234	56070.31	56250.6	-0.62	56069.69	56074.66797	56063.96132	56066.29297	505120.2	5408617.1
L5120.0	505120.1	5408618.6	10988.50000	318.08	104.44	48.830524	-86.930234	56069.85	56250.6	-0.63	56069.23	56074.20313	56064.75979	56067.14844	505120.1	5408618.6
L5120.0	505120.1	5408618.6	10988.59961	319.01	104.44	48.830524	-86.930234	56069.27	56250.6	-0.63	56068.65	56073.61719	56063.46688	56065.91016	505120.1	5408618.6
L5120.0	505120.1	5408620.1	10988.70020	319.41	109.44	48.830538	-86.930235	56068.77	56250.6	-0.63	56068.14	56073.09766	56063.55075	56066.04688	505120.1	5408620.1
L5120.0	505120.1	5408621.5	10988.79981	319.36	109.02	48.830551	-86.930235	56068.18	56250.6	-0.63	56067.55	56072.50000	56062.26860	56064.82031	505120.1	5408621.5
L5120.0	505120.0	5408622.7	10988.90039	319.92	109.02	48.830561	-86.930235	56067.61	56250.6	-0.64	56066.97	56071.91016	56061.26199	56063.86719	505120.0	5408622.7
L5120.0	505120.0	5408622.7	10989.00000	320.58	108.86	48.830561	-86.930235	56066.94	56250.6	-0.64	56066.30	56071.23047	56058.69519	56061.35156	505120.0	5408622.7
L5120.0	505120.0	5408624.2	10989.09961	318.66	110.96	48.830575	-86.930236	56066.32	56250.6	-0.64	56065.68	56070.59766	56057.12799	56059.83984	505120.0	5408624.2
L5120.0	505120.0	5408625.6	10989.20020	316.73	115.77	48.830587	-86.930236	56065.76	56250.6	-0.64	56065.12	56070.02344	56056.74754	56059.50781	505120.0	5408625.6
L5120.0	505120.0	5408627.0	10989.29981	316.77	115.77	48.830600	-86.930236	56065.22	56250.6	-0.64	56064.59	56069.48047	56057.00747	56059.82031	505120.0	5408627.0

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5120.0	505119.9	5408628.4	10989.40039	319.23	116.54	48.830612	-86.930237	56064.68	56250.6	-0.64	56064.04	56068.91406	56056.98532	56059.84766	505119.9	5408628.4
L5120.0	505119.9	5408628.4	10989.50000	318.57	116.21	48.830612	-86.930237	56064.14	56250.6	-0.64	56063.50	56068.35938	56057.23735	56060.14844	505119.9	5408628.4
L5120.0	505119.9	5408630.4	10989.59961	319.16	116.21	48.830631	-86.930237	56063.48	56250.6	-0.63	56062.84	56067.67969	56055.32457	56058.28516	505119.9	5408630.4
L5120.0	505119.9	5408631.6	10989.70020	318.95	115.08	48.830641	-86.930238	56062.80	56250.6	-0.63	56062.16	56066.98047	56053.09616	56056.10547	505119.9	5408631.6
L5120.0	505119.9	5408631.6	10989.79981	318.57	116.86	48.830641	-86.930238	56062.09	56250.6	-0.63	56061.45	56066.25391	56050.35127	56053.40625	505119.9	5408631.6
L5120.0	505119.8	5408632.9	10989.90039	319.04	118.28	48.830653	-86.930238	56061.54	56250.6	-0.63	56060.91	56065.69141	56050.91280	56054.01563	505119.8	5408632.9
L5120.0	505119.8	5408634.3	10990.00000	316.62	118.28	48.830666	-86.930239	56060.87	56250.6	-0.63	56060.24	56065.00000	56049.05279	56052.19922	505119.8	5408634.3
L5120.0	505119.8	5408635.9	10990.00000	316.62	118.23	48.830680	-86.930239	56060.34	56250.6	-0.63	56059.71	56064.44531	56049.97653	56053.16797	505119.8	5408635.9
L5120.0	505119.8	5408635.9	10990.20020	317.88	108.46	48.830680	-86.930239	56059.74	56250.6	-0.63	56059.11	56063.82031	56049.62252	56052.85938	505119.8	5408635.9
L5120.0	505119.7	5408638.6	10990.29981	318.88	108.46	48.830704	-86.930240	56059.06	56250.6	-0.63	56058.43	56063.11328	56047.75934	56051.03516	505119.7	5408638.6
L5120.0	505119.7	5408638.6	10990.40039	320.55	119.24	48.830704	-86.930240	56058.39	56250.6	-0.63	56057.76	56062.41406	56046.14607	56049.46484	505119.7	5408638.6
L5120.0	505119.7	5408639.8	10990.50000	321.07	119.24	48.830715	-86.930240	56057.76	56250.6	-0.63	56057.13	56061.75781	56045.39150	56048.75000	505119.7	5408639.8
L5120.0	505119.7	5408641.6	10990.59961	321.83	119.24	48.830731	-86.930240	56057.08	56250.6	-0.63	56056.45	56061.04688	56043.68729	56047.08594	505119.7	5408641.6
L5120.0	505119.7	5408642.8	10990.70020	322.96	117.97	48.830742	-86.930240	56056.40	56250.6	-0.63	56055.77	56060.33594	56042.03173	56045.46875	505119.7	5408642.8
L5120.0	505119.7	5408642.8	10990.79981	323.33	118	48.830742	-86.930240	56055.77	56250.6	-0.63	56055.14	56059.67188	56041.45339	56044.92578	505119.7	5408642.8
L5120.0	505119.6	5408644.3	10990.90039	323.93	118	48.830756	-86.930241	56055.26	56250.6	-0.63	56054.63	56059.12891	56043.42287	56046.92969	505119.6	5408644.3
L5120.0	505119.6	5408645.9	10991.00000	324.01	115.2	48.830770	-86.930241	56054.52	56250.6	-0.63	56053.89	56058.35156	56040.68316	56044.22266	505119.6	5408645.9
L5120.0	505119.6	5408647.3	10991.09961	322.45	115.2	48.830782	-86.930241	56053.79	56250.6	-0.63	56053.16	56057.58594	56038.17902	56041.75391	505119.6	5408647.3
L5120.0	505119.6	5408647.3	10991.20020	321.50	115.28	48.830782	-86.930241	56053.14	56250.6	-0.63	56052.51	56056.89844	56037.38918	56040.99609	505119.6	5408647.3
L5120.0	505119.6	5408648.6	10991.29981	321.58	115.28	48.830794	-86.930241	56052.50	56250.6	-0.63	56051.87	56056.21875	56036.85385	56040.49219	505119.6	5408648.6
L5120.0	505119.6	5408649.9	10991.40039	319.15	115.57	48.830806	-86.930241	56051.92	56250.6	-0.63	56051.28	56055.58594	56037.42440	56041.08984	505119.6	5408649.9
L5120.0	505119.6	5408651.3	10991.50000	320.32	112.88	48.830818	-86.930242	56051.22	56250.6	-0.63	56050.58	56054.84375	56035.68424	56039.37891	505119.6	5408651.3
L5120.0	505119.5	5408652.4	10991.59961	321.30	112.88	48.830828	-86.930242	56050.58	56250.6	-0.64	56049.94	56054.16406	56035.25260	56038.97266	505119.5	5408652.4
L5120.0	505119.5	5408653.7	10991.70020	322.57	112.88	48.830840	-86.930242	56049.97	56250.6	-0.64	56049.33	56053.50781	56035.49208	56039.23828	505119.5	5408653.7
L5120.0	505119.5	5408654.7	10991.79981	323.09	112.88	48.830849	-86.930242	56049.24	56250.6	-0.64	56048.60	56052.73047	56033.15237	56036.92188	505119.5	5408654.7
L5120.0	505119.5	5408655.9	10991.90039	322.90	113.76	48.830860	-86.930242	56048.48	56250.6	-0.64	56047.84	56051.92578	56030.15589	56033.94531	505119.5	5408655.9
L5120.0	505119.5	5408655.9	10992.00000	321.28	114.24	48.830860	-86.930242	56047.77	56250.6	-0.64	56047.13	56051.16797	56028.23747	56032.05078	505119.5	5408655.9
L5120.0	505119.5	5408657.3	10992.00000	321.28	114.24	48.830873	-86.930243	56047.12	56250.6	-0.64	56046.48	56050.46484	56027.62321	56031.45313	505119.5	5408657.3
L5120.0	505119.5	5408658.6	10992.20020	323.54	114.24	48.830885	-86.930243	56046.51	56250.6	-0.64	56045.87	56049.80469	56027.88139	56031.73047	505119.5	5408658.6
L5120.0	505119.5	5408659.8	10992.29981	323.76	114.24	48.830895	-86.930243	56045.75	56250.6	-0.64	56045.10	56048.98438	56024.59826	56028.46484	505119.5	5408659.8
L5120.0	505119.4	5408660.9	10992.40039	323.17	114.24	48.830905	-86.930243	56045.09	56250.6	-0.64	56044.45	56048.27734	56023.93602	56027.81641	505119.4	5408660.9
L5120.0	505119.4	5408662.3	10992.50000	321.91	114.24	48.830917	-86.930243	56044.46	56250.6	-0.65	56043.81	56047.58594	56023.47101	56027.36719	505119.4	5408662.3
L5120.0	505119.4	5408663.5	10992.59961	323.13	117.8	48.830929	-86.930243	56043.63	56250.6	-0.65	56042.98	56046.69922	56018.73912	56022.64453	505119.4	5408663.5
L5120.0	505119.4	5408663.5	10992.70020	322.78	117.8	48.830929	-86.930243	56042.94	56250.6	-0.65	56042.29	56045.94922	56017.07828	56020.99609	505119.4	5408663.5
L5120.0	505119.4	5408665.3	10992.79981	323.34	117.8	48.830945	-86.930244	56042.28	56250.6	-0.65	56041.63	56045.23047	56016.04302	56019.96875	505119.4	5408665.3
L5120.0	505119.4	5408666.3	10992.90039	321.58	117.8	48.830953	-86.930244	56041.70	56250.6	-0.65	56041.05	56044.59375	56016.75526	56020.68750	505119.4	5408666.3
L5120.0	505119.4	5408667.6	10993.00000	325.22	115.57	48.830965	-86.930244	56041.07	56250.7	-0.65	56040.42	56043.90234	56016.29350	56020.23047	505119.4	5408667.6
L5120.0	505119.4	5408668.5	10993.09961	326.78	115.1	48.830973	-86.930244	56040.39	56250.7	-0.65	56039.74	56043.15625	56014.64565	56018.58984	505119.4	5408668.5
L5120.0	505119.4	5408669.8	10993.20020	325.96	116.35	48.830985	-86.930244	56039.70	56250.7	-0.65	56039.05	56042.40625	56012.70391	56016.64844	505119.4	5408669.8
L5120.0	505119.4	5408671.3	10993.29981	325.23	116.35	48.830999	-86.930244	56039.10	56250.7	-0.65	56038.45	56041.73828	56012.71653	56016.66406	505119.4	5408671.3
L5120.0	505119.4	5408671.3	10993.40039	324.39	116.66	48.830999	-86.930244	56038.41	56250.7	-0.65	56037.76	56040.98438	56010.61949	56014.56641	505119.4	5408671.3
L5120.0	505119.4	5408672.7	10993.50000	325.18	116.66	48.831011	-86.930244	56037.71	56250.7	-0.65	56037.06	56040.21484	56008.20941	56012.15234	505119.4	5408672.7
L5120.0	505119.4	5408674.0	10993.59961	324.02	116.66	48.831023	-86.930244	56037.05	56250.7	-0.65	56036.40	56039.48828	56006.60279	56010.54297	505119.4	5408674.0
L5120.0	505119.4	5408675.4	10993.70020	321.95	116.66	48.831035	-86.930244	56036.46	56250.7	-0.65	56035.81	56038.82813	56006.45878	56010.39453	505119.4	5408675.4
L5120.0	505119.4	5408676.6	10993.79981	322.66	116.66	48.831046	-86.930244	56035.76	56250.7	-0.65	56035.11	56038.05859	56003.72865	56007.65625	505119.4	5408676.6
L5120.0	505119.4	5408676.6	10993.90039	323.20	112.39	48.831046	-86.930244	56035.15	56250.7	-0.65	56034.50	56037.37500	56002.88392	56006.80469	505119.4	5408676.6
L5120.0	505119.4	5408678.0	10994.00000	323.16	115.55	48.831058	-86.930244	56034.54	56250.7	-0.65	56033.89	56036.69141	56001.89522	56005.80469	505119.4	5408678.0
L5120.0	505119.4	5408679.3	10994.00000	323.16	116.41	48.831070	-86.930244	56034.04	56250.7	-0.65	56033.39	56036.11719	56003.19701	56007.09375	505119.4	5408679.3
L5120.0	505119.4	5408679.3	10994.20020	322.59	112.89	48.831070	-86.930244	56033.46	56250.7	-0.66	56032.80	56035.45313	56002.32594	56006.21094	505119.4	5408679.3
L5120.0	505119.4	5408681.4	10994.29981	322.97	112.89	48.831089	-86.930244	56032.90	56250.7	-0.66	56032.24	56034.81641	56001.93889	56005.80859	505119.4	5408681.4
L5120.0	505119.4	5408682.3	10994.40039	322.73	113.52	48.831097	-86.930244	56032.22	56250.7	-0.67	56031.55	56034.05078	55998.48074	56002.33203	505119.4	5408682.3
L5120.0	505119.4	5408683.6	10994.50000	322.76	114.47	48.831109	-86.930244	56031.58	56250.7	-0.67	56030.91	56033.33203	55995.92426	55999.75781	505119.4	5408683.6
L5120.0	505119.3	5408684.9	10994.59961	322.14	115.39	48.831121	-86.930244	56031.11	56250.7	-0.67	56030.43	56032.77344	55996.68140	56000.49609	505119.3	5408684.9
L5120.0	505119.3	5408686.5	10994.70020	321.52	116.27	48.831135	-86.930244	56030.52	56250.7	-0.68	56029.84	56032.10547	55994.77318	55998.56641	505119.3	5408686.5
L5120.0	505119.3	5408686.5	10994.79981	321.72	116.27	48.831135	-86.930244	56030.07	56250.7	-0.68	56029.38	56031.56250	55995.50073	55999.26953	505119.3	5408686.5
L5120.0	505119.3	5408687.8	10994.90039	322.25	116.27	48.831147	-86.930245	56029.43	56250.7	-0.69	56028.74	56030.83984	55991.99407	55995.73828	505119.3	5408687.8
L5120.0	505119.3	5408689.1	10995.00000	323.45	116.27	48.831159	-86.930245	56028.88	56250.7	-0.69	56028.19	56030.20703	55990.22385	55993.94141	505119.3	5408689.1
L5120.0	505119.3	5408689.1	10995.09961	323.39	114.58	48.831159	-86.930245	56028.32	56250.7	-0.69	56027.63	56029.56641	55987.96917	55991.66016	505119.3	5408689.1
L5120.0	505119.3	5408691.3	10995.20020	322.01	115.01	48.831179	-86.930245	56027.87	56250.7	-0.69	56027.18	56029.03125	55987.90997	55991.57031	505119.3	5408691.3
L5120.0	505119.3	5408692.5	10995.29981	323.27	115.01	48.831189	-86.930245	56027.31	56250.7	-0.69	56026.62	56028.38672	55985.14386	55988.77734	505119.3	5408692.5
L5120.0	505119.2	5408694.1	10995.40039	322.77	110.04	48.831203	-86.930246	56026.93	56250.7	-0.69	56026.24	56027.92188	55986.15560	55989.75391	505119.2	5408694.1
L5120.0	505119.2	5408695.1	10995.50000	323.74	109.52	48.831213	-86.930246	56026.50	56250.7	-0.69	56025.81	56027.40625	55985.80734	55989.37500	505119.2	5408695.1
L5120.0	505119.2	5408696.0	10995.59961	322.89	109.52	48.831221	-86.930246	56025.99	56250.7	-0.69	56025.30	56026.80859	55983.43267	55986.96484	505119.2	5408696.0
L5120.0	505119.2	5408697.1	10995.70020	324.28	117.42	48.831231	-86.930246	56025.62	56250.7	-0.69	56024.93	56026.35156	55983.94983	55987.44531	505119.2	5408697.1
L5120.0	505119.2	5408697.1	10995.79981	324.09	117.26	48.831231	-86.930246	56025.09	56250.7	-0.69	56024.40	56025.73047	55980.68499	55984.14063	505119.2	5408697.1
L5120.0	505119.2	5408699.8	10995.90039	326.06	117.99	48.831255	-86.930246	56024.68	56250.7	-0.69	56023.99	56025.23438	55979.87105	55983.28906	505119.2	5408699.8
L5120.0	505119.2	5408699.8	10996.00000	326.46	117.99	48.831255	-86.930246	56024.40	56250.7	-0.69	56023.71	56024.86328	55981.67873	55985.05469	505119.2	5408699.8
L5120.0	505119.2	5408701.1	10996.00000	326.46	117.78	48.831267	-86.930247	56024.02	56250.7	-0.69	56023.33	56024.39453	55981.07366	55984.41016	505119.2	5408701.1
L5120.0	505119.1	5408702.5	10996.20020	324.88	116.99	48.831279	-86.930247	56023.57	56250.7	-0.69	56022.88	56023.85547	55978.78259	55982.07422	505119.1	5408702.5
L5120.0	505119.1	5408703.6	10996.29981	323.80	116.99	48.831289	-86.930247	56023.29	56250.7	-0.69	56022.60	56023.48438	55979.89632	55983.14453	505119.1	5408703.6
L5120.0	505119.1	5408703.6	10996.40039	324.88	107.06	48.831289	-86.930247	56023.01	56250.7	-0.69	56022.32	56023.11328	55980.76417	55983.96484	505119.1	5408703.6
L5120.0	505119.1	5408705.1	10996.50000	325.14	107.1	48.831303	-86.930247	56022.76	56250.7	-0.68	56022.07	56022.77344	55981.98892	55985.14453	505119.1	5408705.1
L5120.0	505119.1	5408706.2	10996.59961	322.79	107.1	48.831313	-86.930247	56022.45	56250.7	-0.68	56021.77	56022.37891	55981.98040	55985.08594	505119.1	5408706.2
L5120.0	505119.1	5408707.6	10996.70020	321.24	109.64	48.831325	-86.930247	56022.22	56250.7	-0.68	56021.54	56022.05859	55983.09636	55986.15234	505119.1	5408707.6
L5120.0	505119.1	5408709.1	10996.79981	318.96	109.72	48.831339	-86.930247	56021.94	56250.7	-0.68	56021.26	56021.68750	55983.03690	55986.04297	505119.1	5408709.1
L5120.0	505119.1	5408709.1	10996.90039	318.70	109.87	48.831339	-86.930247	56021.80	56250.7	-0.68	56021.12	56021.45313	55985.26497	55988.21875	505119.1	5408709.1
L5120.0	505119.1	5408710.4	10997.00000	318.71	109.87	48.831350	-86.930248	56021.46	56250.7	-0.68	56020.78	56021.02344	55986.62779	55989.53125	505119.1	5408710.4
L5120.0	505119.1	5408711.5	10997.09961	314.40	110.65	48.831360	-86.930248	56021.34	56250.7	-0.68	56020.66	56020.80859	55989.10297	55991.95313	505119.1	5408711.5
L5120.0	505119.1	5408712.7	10997.20020	312.79	114.45	48.831370	-86.930248	56021.16	56250.7	-0.68	56020.48	56020.53906	55989.59948	55992.39453	505119.1	5408712.7
L5120.0	505119.1	5408713.8	10997.29981	313.39	114.45	48.831381	-86.930248	56021.12	56250.7	-0.68	56020.43	56020.39453	55992.66611	55995.40625	505119.1	5408713.8
L5120.0	505119.1	5408715.6	10997.40039	311.82	114.39	48.831397	-86.930248	56020.88	56250.7	-0.68	56020.20	56020.07422	55991.19605	55993.87891	505119.1	5408715.6
L5120.0	505119.1	5408715.6	10997.50000	311.08	114.5	48.831397	-86.930248	56020.78	56250.7	-0.68	56020.09	56019.87109	55992.00585	55994.62891	505119.1	5408715.6
L5120.0	505119.0	5408717.6	10997.59961	310.40	109.74	48.831415	-86.930248	56020.71	56250.7	-0.69	56020.02	56019.70703	55993.19464	55995.76172	505119.0	5408717.6
L5120.0	505119.0	5408718.7	10997.70020	309.85	109.74	48.831425	-86.930248	56020.66	56250.7	-0.69	56019.97	56019.56641	55994.31646	55996.82422	505119.0	5408718.7
L5120.0	505119.0	5408718.7	10997.79981	309.70	115.93	48.831425	-86.930248	56020.68	56250.7	-0.69	56019.99	56019.49609	55996.27473	55998.72266	505119.0	5408718.7
L5120.0	505119.0	5408720.3	10997.90039	309.36	111.43	48.831439	-86.930248	56020.71	56250.7	-0.69	56020.02	56019.43359	55997.90279	56000.28906	505119.0	5408720.3
L5120.0	505119.0	5408721.4	10998.00000	307.39	111.43	48.831449	-86.930248	56020.61	56250.7	-0.69	56019.92	56019.24219	55996.89005	55999.21484	505119.0	5408721.4
L5120.0	505119.0	5408722.8	10998.00000	307.39	103.91	48.831461	-86.930248	56020.71	56250.7	-0.69	56020.02	56019.25391	55998.82379	56001.08594	505119.0	5408722.8
L5120.0	505119.0	5408723.8	10998.20020	305.94	115.5	48.831471	-86.930248	56020.81	56250.7	-0.69	56020.11	56019.25391	56000.12631	56002.32422	505119.0	5408723.8
L5120.0	505119.0	5408725.1	10998.29981	305.71	114.89	48.831483	-86.930248	56020.88	56250.7	-0.70	56020.19	56019.24219	56000.86134	56002.99609	505119.0	5408725.1
L5120.0	505119.0	5408726.2	10998.40039	307.57	105.23	48.831493	-86.930248	56021.06	56250.7	-0.70	56020.36	56019.32422	56002.51389	56004.58594	505119.0	5408726.2
L5120.0	505119.0	5408727.6	10998.50000	307.43	105.23	48.831505	-86.930248	56021.21	56250.7	-0.70	56020.51	56019.38672	56003.45727	56005.46484	505119.0	5408727.6
L5120.0	505119.0	5408727.6	10998.59961	308.37	108.19	48.831505	-86.930248	56021.32	56250.7	-0.70	56020.62	56019.41016	56006.51832	56008.46094	505119.0	5408727.6

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5120.0	505119.0	5408728.8	10998.70020	308.56	113.58	48.831515	-86.930248	56021.46	56250.7	-0.70	56020.76	56019.46094	56006.07553	56007.95313	505119.0	5408728.8
L5120.0	505119.0	5408730.1	10998.79981	308.50	113.58	48.831527	-86.930248	56021.62	56250.7	-0.71	56020.92	56019.53516	56005.48763	56007.29688	505119.0	5408730.1
L5120.0	505119.0	5408731.8	10998.90039	308.53	115.22	48.831543	-86.930248	56021.79	56250.7	-0.71	56021.08	56019.60938	56004.15796	56005.90234	505119.0	5408731.8
L5120.0	505119.0	5408732.7	10999.00000	305.99	113.7	48.831551	-86.930248	56021.95	56250.7	-0.71	56021.24	56019.68359	56002.08741	56003.76563	505119.0	5408732.7
L5120.0	505119.0	5408734.1	10999.09961	305.45	108.47	48.831563	-86.930248	56022.27	56250.7	-0.71	56021.57	56019.92969	56004.03219	56005.64453	505119.0	5408734.1
L5120.0	505119.0	5408734.1	10999.20020	307.51	108.47	48.831563	-86.930248	56022.58	56250.7	-0.70	56021.87	56020.14844	56004.35106	56005.89453	505119.0	5408734.1
L5120.0	505119.0	5408735.2	10999.29981	306.07	108.05	48.831573	-86.930248	56022.98	56250.7	-0.70	56022.28	56020.47266	56007.00309	56008.48047	505119.0	5408735.2
L5120.0	505119.0	5408736.6	10999.40039	304.65	108.05	48.831586	-86.930248	56023.41	56250.7	-0.70	56022.72	56020.83203	56009.79992	56011.20703	505119.0	5408736.6
L5120.0	505119.0	5408738.1	10999.50000	305.26	109.28	48.831599	-86.930248	56023.71	56250.7	-0.69	56023.02	56021.05469	56007.93030	56009.27344	505119.0	5408738.1
L5120.0	505119.0	5408739.4	10999.59961	304.38	108.82	48.831611	-86.930248	56024.22	56250.7	-0.69	56023.53	56021.48438	56011.43315	56012.70703	505119.0	5408739.4
L5120.0	505119.0	5408739.4	10999.70020	304.29	108.82	48.831611	-86.930248	56024.63	56250.7	-0.69	56023.94	56021.81641	56011.43608	56012.64453	505119.0	5408739.4
L5120.0	505119.0	5408740.7	10999.79981	304.46	108.39	48.831623	-86.930248	56024.96	56250.7	-0.69	56024.27	56022.07031	56008.38161	56009.51953	505119.0	5408740.7
L5120.0	505119.0	5408741.8	10999.90039	306.68	108.39	48.831633	-86.930248	56025.59	56250.7	-0.68	56024.90	56022.62500	56010.25697	56011.32813	505119.0	5408741.8
L5120.0	505119.0	5408742.7	11000.00000	307.82	109.35	48.831641	-86.930248	56025.89	56250.7	-0.68	56025.21	56022.85938	56008.13050	56009.13281	505119.0	5408742.7
L5120.0	505119.0	5408744.1	11000.00000	307.82	110.12	48.831653	-86.930248	56026.45	56250.7	-0.68	56025.76	56023.33594	56009.09956	56010.03516	505119.0	5408744.1
L5120.0	505119.0	5408745.2	11000.09961	309.22	110.12	48.831663	-86.930248	56026.86	56250.7	-0.68	56026.18	56023.68359	56007.82467	56008.69531	505119.0	5408745.2
L5120.0	505119.0	5408746.3	11000.20020	309.59	112.16	48.831673	-86.930248	56027.41	56250.7	-0.68	56026.73	56024.16406	56008.19248	56008.99609	505119.0	5408746.3
L5120.0	505119.0	5408747.4	11000.40039	310.36	111.03	48.831683	-86.930248	56027.87	56250.7	-0.68	56027.19	56024.55469	56006.80800	56007.54297	505119.0	5408747.4
L5120.0	505119.0	5408748.8	11000.50000	314.42	111.03	48.831695	-86.930248	56028.47	56250.7	-0.68	56027.79	56025.08594	56007.36936	56008.03906	505119.0	5408748.8
L5120.0	505119.0	5408750.1	11000.59961	313.31	107.07	48.831707	-86.930248	56029.13	56250.7	-0.68	56028.45	56025.67969	56008.70269	56009.30859	505119.0	5408750.1
L5120.0	505119.0	5408751.2	11000.70020	311.42	103.12	48.831717	-86.930249	56029.76	56250.7	-0.68	56029.08	56026.24609	56009.28813	56009.82813	505119.0	5408751.2
L5120.0	505119.0	5408752.1	11000.79981	310.64	100.29	48.831725	-86.930249	56030.42	56250.7	-0.68	56029.74	56026.84375	56010.17317	56010.64844	505119.0	5408752.1
L5120.0	505118.9	5408753.4	11000.90039	309.18	103.47	48.831737	-86.930249	56031.00	56250.7	-0.68	56030.32	56027.35938	56009.30146	56009.71094	505118.9	5408753.4
L5120.0	505118.9	5408754.8	11001.00000	309.02	103.47	48.831749	-86.930249	56031.61	56250.7	-0.68	56030.93	56027.91016	56008.68493	56009.03125	505118.9	5408754.8
L5120.0	505118.9	5408754.8	11001.09961	311.28	104.67	48.831749	-86.930249	56032.34	56250.7	-0.68	56031.66	56028.58203	56010.17979	56010.46094	505118.9	5408754.8
L5120.0	505118.9	5408756.1	11001.20020	311.73	102.47	48.831761	-86.930249	56033.00	56250.7	-0.68	56032.32	56029.18750	56010.03860	56010.25781	505118.9	5408756.1
L5120.0	505118.9	5408757.2	11001.29981	313.80	102.47	48.831771	-86.930250	56033.68	56250.7	-0.69	56033.00	56029.80859	56010.05160	56010.20703	505118.9	5408757.2
L5120.0	505118.9	5408758.5	11001.40039	315.45	102.34	48.831783	-86.930250	56034.26	56250.7	-0.69	56033.57	56030.32813	56007.42241	56007.51953	505118.9	5408758.5
L5120.0	505118.9	5408759.9	11001.50000	316.31	103.43	48.831795	-86.930250	56035.05	56250.7	-0.69	56034.36	56031.06641	56009.29162	56009.32813	505118.9	5408759.9
L5120.0	505118.8	5408760.9	11001.59961	317.11	107.3	48.831805	-86.930250	56035.84	56250.7	-0.69	56035.14	56031.79688	56010.76196	56010.73828	505118.8	5408760.9
L5120.0	505118.8	5408762.3	11001.70020	317.53	107.3	48.831817	-86.930250	56036.74	56250.7	-0.69	56036.05	56032.65625	56015.02690	56014.94141	505118.8	5408762.3
L5120.0	505118.8	5408762.3	11001.79981	314.49	106.3	48.831817	-86.930250	56037.61	56250.7	-0.70	56036.91	56033.47266	56018.02918	56017.88672	505118.8	5408762.3
L5120.0	505118.8	5408763.6	11001.90039	315.77	89.24	48.831828	-86.930250	56038.32	56250.7	-0.70	56037.62	56034.13672	56017.32245	56017.12109	505118.8	5408763.6
L5120.0	505118.8	5408764.7	11002.00000	316.96	86.74	48.831839	-86.930250	56039.12	56250.7	-0.70	56038.42	56034.89453	56018.52941	56018.27344	505118.8	5408764.7
L5120.0	505118.8	5408765.9	11002.00000	316.96	86.74	48.831850	-86.930250	56039.66	56250.7	-0.70	56038.96	56035.39453	56013.16801	56012.85547	505118.8	5408765.9
L5120.0	505118.8	5408767.0	11002.20020	321.29	87.38	48.831859	-86.930250	56040.54	56250.7	-0.70	56039.84	56036.23438	56015.88771	56015.51953	505118.8	5408767.0
L5120.0	505118.8	5408768.3	11002.29981	323.03	87.38	48.831871	-86.930250	56041.37	56250.7	-0.70	56040.67	56037.02734	56017.21457	56016.79297	505118.8	5408768.3
L5120.0	505118.8	5408769.2	11002.40039	316.61	91.29	48.831879	-86.930250	56042.31	56250.7	-0.70	56041.61	56037.93359	56021.19644	56020.71875	505118.8	5408769.2
L5120.0	505118.8	5408769.2	11002.50000	317.28	90.79	48.831879	-86.930250	56043.24	56250.7	-0.70	56042.54	56038.82813	56024.83931	56024.31250	505118.8	5408769.2
L5120.0	505118.8	5408771.6	11002.59961	317.08	96.88	48.831901	-86.930250	56044.08	56250.7	-0.70	56043.38	56039.63672	56026.02894	56025.44922	505118.8	5408771.6
L5120.0	505118.8	5408772.7	11002.70020	316.53	96.88	48.831910	-86.930250	56044.84	56250.7	-0.70	56044.14	56040.36719	56023.93716	56023.30859	505118.8	5408772.7
L5120.0	505118.8	5408772.7	11002.79981	315.67	92.9	48.831910	-86.930250	56045.65	56250.7	-0.70	56044.95	56041.14844	56024.42233	56023.74219	505118.8	5408772.7
L5120.0	505118.8	5408774.2	11002.90039	318.06	92.22	48.831924	-86.930250	56046.46	56250.7	-0.70	56045.76	56041.93359	56024.80646	56024.07813	505118.8	5408774.2
L5120.0	505118.8	5408775.3	11003.00000	317.71	92.22	48.831934	-86.930251	56047.32	56250.7	-0.70	56046.62	56042.76953	56026.01124	56025.23828	505118.8	5408775.3
L5120.0	505118.8	5408776.1	11003.09961	319.59	91.02	48.831942	-86.930251	56048.13	56250.7	-0.70	56047.44	56043.57031	56026.40673	56025.58984	505118.8	5408776.1
L5120.0	505118.8	5408777.4	11003.20020	318.59	91.69	48.831953	-86.930251	56049.04	56250.7	-0.69	56048.34	56044.44922	56028.23969	56027.37500	505118.8	5408777.4
L5120.0	505118.8	5408778.8	11003.29981	318.37	91.69	48.831965	-86.930251	56049.90	56250.7	-0.69	56049.21	56045.30078	56029.47476	56028.56641	505118.8	5408778.8
L5120.0	505118.7	5408779.8	11003.40039	318.92	87.54	48.831975	-86.930251	56050.84	56250.7	-0.69	56050.15	56046.22656	56032.03558	56031.08594	505118.7	5408779.8
L5120.0	505118.7	5408780.9	11003.50000	318.83	88.33	48.831985	-86.930251	56051.77	56250.7	-0.68	56051.08	56047.14063	56034.40964	56033.41797	505118.7	5408780.9
L5120.0	505118.7	5408782.3	11003.59961	320.43	88.04	48.831997	-86.930252	56052.50	56250.7	-0.68	56051.82	56047.87109	56033.02834	56032.00000	505118.7	5408782.3
L5120.0	505118.7	5408783.4	11003.70020	321.65	88.04	48.832007	-86.930252	56053.34	56250.7	-0.68	56052.66	56048.69922	56033.59115	56032.52344	505118.7	5408783.4
L5120.0	505118.7	5408783.4	11003.79981	320.50	87.76	48.832007	-86.930252	56054.20	56250.7	-0.68	56053.52	56049.55078	56034.55292	56033.44922	505118.7	5408783.4
L5120.0	505118.7	5408784.7	11003.90039	322.59	85.23	48.832018	-86.930252	56055.08	56250.7	-0.67	56054.41	56050.43359	56036.13759	56034.99609	505118.7	5408784.7
L5120.0	505118.7	5408786.0	11004.00000	323.35	85.55	48.832030	-86.930252	56055.96	56250.7	-0.67	56055.29	56051.30859	56037.54390	56036.36719	505118.7	5408786.0
L5120.0	505118.6	5408787.4	11004.00000	323.35	86.03	48.832043	-86.930253	56056.86	56250.7	-0.67	56056.19	56052.20703	56039.39170	56038.18359	505118.6	5408787.4
L5120.0	505118.6	5408788.7	11004.20020	323.10	86.03	48.832054	-86.930253	56057.74	56250.7	-0.67	56057.07	56053.08594	56040.86668	56039.62500	505118.6	5408788.7
L5120.0	505118.6	5408790.0	11004.29981	323.35	85.42	48.832066	-86.930253	56058.66	56250.7	-0.67	56057.99	56054.00781	56043.20835	56041.93750	505118.6	5408790.0
L5120.0	505118.6	5408790.9	11004.40039	323.42	88.11	48.832074	-86.930253	56059.54	56250.7	-0.67	56058.87	56054.89063	56044.76454	56043.46094	505118.6	5408790.9
L5120.0	505118.6	5408791.8	11004.50000	322.81	88.11	48.832082	-86.930253	56060.39	56250.7	-0.67	56059.73	56055.75781	56045.94772	56044.61719	505118.6	5408791.8
L5120.0	505118.6	5408793.1	11004.59961	322.65	84.37	48.832094	-86.930254	56061.25	56250.7	-0.66	56060.59	56056.62109	56047.17458	56045.81641	505118.6	5408793.1
L5120.0	505118.6	5408793.1	11004.70020	323.85	87.31	48.832094	-86.930254	56062.04	56250.7	-0.66	56061.38	56057.42188	56047.00206	56045.61719	505118.6	5408793.1
L5120.0	505118.5	5408794.5	11004.79981	322.57	85.29	48.832107	-86.930254	56062.94	56250.7	-0.66	56062.28	56058.33203	56049.15425	56047.74609	505118.5	5408794.5
L5120.0	505118.5	5408795.8	11004.90039	321.34	85.25	48.832118	-86.930254	56063.73	56250.7	-0.66	56063.07	56059.13281	56049.09179	56047.66016	505118.5	5408795.8
L5120.0	505118.5	5408797.0	11005.00000	320.71	85.25	48.832129	-86.930254	56064.56	56250.7	-0.66	56063.90	56059.97656	56049.91404	56048.46094	505118.5	5408797.0
L5120.0	505118.5	5408797.0	11005.09961	320.06	84.82	48.832129	-86.930254	56065.41	56250.7	-0.66	56064.75	56060.83984	56051.20885	56049.73438	505118.5	5408797.0
L5120.0	505118.5	5408798.5	11005.20020	319.54	84.82	48.832143	-86.930254	56066.26	56250.7	-0.66	56065.60	56061.70703	56052.56755	56051.07422	505118.5	5408798.5
L5120.0	505118.5	5408799.6	11005.29981	319.45	84.29	48.832153	-86.930254	56067.20	56250.7	-0.66	56066.54	56062.66797	56055.84257	56054.33203	505118.5	5408799.6
L5120.0	505118.5	5408801.0	11005.40039	316.90	81.94	48.832165	-86.930255	56068.08	56250.7	-0.66	56067.43	56063.57813	56058.16419	56056.63672	505118.5	5408801.0
L5120.0	505118.4	5408802.3	11005.50000	316.74	84.04	48.832177	-86.930255	56068.89	56250.7	-0.65	56068.24	56064.41016	56058.92213	56057.37891	505118.4	5408802.3
L5120.0	505118.4	5408803.2	11005.59961	318.30	84.04	48.832185	-86.930255	56069.70	56250.7	-0.65	56069.05	56065.24219	56059.76361	56058.20703	505118.4	5408803.2
L5120.0	505118.4	5408804.6	11005.70020	320.46	83.82	48.832198	-86.930255	56070.51	56250.7	-0.65	56069.86	56066.07422	56060.69284	56059.12109	505118.4	5408804.6
L5120.0	505118.4	5408805.9	11005.79981	320.66	83.66	48.832209	-86.930255	56071.47	56250.7	-0.65	56070.82	56067.06250	56064.80957	56063.22656	505118.4	5408805.9
L5120.0	505118.4	5408805.9	11005.90039	322.14	83.11	48.832209	-86.930255	56072.21	56250.7	-0.65	56071.56	56067.82813	56064.48665	56062.89453	505118.4	5408805.9
L5120.0	505118.4	5408807.2	11006.00000	323.52	82.91	48.832221	-86.930255	56073.04	56250.7	-0.65	56072.39	56068.68750	56066.12471	56064.52344	505118.4	5408807.2
L5120.0	505118.5	5408808.7	11006.00000	323.52	82.91	48.832235	-86.930255	56073.70	56250.7	-0.65	56073.05	56069.37891	56064.33370	56062.72266	505118.5	5408808.7
L5120.0	505118.5	5408810.0	11006.20020	323.68	80.94	48.832246	-86.930255	56074.48	56250.7	-0.65	56073.83	56070.19141	56065.13972	56063.52344	505118.5	5408810.0
L5120.0	505118.5	5408811.4	11006.29981	323.37	86.28	48.832259	-86.930254	56075.27	56250.7	-0.65	56074.62	56071.01172	56066.26797	56064.64453	505118.5	5408811.4
L5120.0	505118.5	5408812.7	11006.40039	321.66	88.34	48.832270	-86.930254	56076.20	56250.7	-0.65	56075.54	56071.96484	56070.25111	56068.62109	505118.5	5408812.7
L5120.0	505118.5	5408812.7	11006.50000	324.01	88.34	48.832270	-86.930254	56076.91	56250.7	-0.65	56076.26	56072.72266	56070.15288	56068.51953	505118.5	5408812.7
L5120.0	505118.5	5408814.2	11006.59961	324.19	87.79	48.832284	-86.930254	56077.88	56250.7	-0.66	56077.22	56073.71875	56075.25823	56073.62500	505118.5	5408814.2
L5120.0	505118.6	5408816.2	11006.70020	323.49	88.26	48.832302	-86.930253	56078.51	56250.7	-0.66	56077.85	56074.38672	56073.50001	56071.86328	505118.6	5408816.2
L5120.0	505118.6	5408816.2	11006.79981	322.25	85.45	48.832302	-86.930253	56079.32	56250.7	-0.66	56078.66	56075.23438	56075.69283	56074.05859	505118.6	5408816.2
L5120.0	505118.6	5408817.5	11006.90039	322.74	85.45	48.832314	-86.930252	56079.97	56250.7	-0.66	56079.31	56075.92188	56074.60380	56072.96875	505118.6	5408817.5
L5120.0	505118.7	5408818.9	11007.00000	322.26	87.14	48.832326	-86.930252	56080.68	56250.7	-0.66	56080.02	56076.67188	56074.92441	56073.28906	505118.7	5408818.9
L5120.0	505118.7	5408819.9	11007.09961	321.27	86.84	48.832335	-86.930251	56081.31	56250.7	-0.66	56080.65	56077.34375	56073.66561	56072.03516	505118.7	5408819.9
L5120.0	505118.7	5408821.1	11007.20020	321.25	86.84	48.832346	-86.930251	56082.11	56250.7	-0.66	56081.45	56078.18750	56076.18270	56074.55469	505118.7	5408821.1
L5120.0	505118.7	5408821.1	11007.29981	320.79	86.64	48.832346	-86.930251	56082.75	56250.7	-0.65	56082.10	56078.87891	56075.62610	56074.00391	505118.7	5408821.1
L5120.0	505118.8	5408822.5	11007.40039	320.43	86.95	48.832359	-86.930250	56083.61	56250.7	-0.65	56082.96	56079.78516	56079.69477	56078.07813	505118.8	5408822.5
L5120.0	505118.8	5408823.8	11007.50000	323.07	86.95	48.832370	-86.930250	56084.33	56250.7	-0.65	56083.68	56080.54688	56080.90228	56079.29297	505118.8	5408823.8
L5120.0	505118.9	5408825.2	11007.59961	322.17	87.61	48.832383	-86.930249	56085.11	56250.6	-0.65	56084.46	56081.37500	56083.51796	56081.91406	505118.9	5408825.2
L5120.0	505118.9	5408826.5	11007.70020	322.74	87.55	48.832394	-86.930248	56085.71	56250.6	-0.65	56085.07	56082.03125	56082.65202	56081.05859	505118.9	5408826.5
L5120.0	505118.9	5408826.5	11007.79981	323.91	87.55	48.832394	-86.930248	56086.42	56250.6	-0.64	56085.78	56082.78516	56084.04324	56082.45703	505118.9	5408826.5
L5120.0	505119.0	5408827.8	11007.90039	323.83	88.97	48.832406	-86.930248	56087.08	56250.6	-0.64	56086.44	56083.49219	56084.50932	56082.93359	505119.0	5408827.8

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5120.0	505119.0	5408829.2	11008.00000	323.34	88.97	48.832419	-86.930247	56087.74	56250.6	-0.64	56087.10	56084.20313	56085.10951	56083.54688	505119.0	5408829.2
L5120.0	505119.0	5408830.3	11008.00000	323.34	91.54	48.832429	-86.930247	56088.29	56250.6	-0.64	56087.65	56084.80078	56083.53855	56081.98438	505119.0	5408830.3
L5120.0	505119.1	5408831.7	11008.20020	320.84	90.69	48.832441	-86.930246	56088.98	56250.7	-0.65	56088.33	56085.52734	56084.82787	56083.28906	505119.1	5408831.7
L5120.0	505119.1	5408833.2	11008.29981	322.11	90.69	48.832455	-86.930246	56089.61	56250.7	-0.65	56088.95	56086.19922	56084.99626	56083.46875	505119.1	5408833.2
L5120.0	505119.1	5408834.4	11008.40039	321.75	88.5	48.832465	-86.930245	56090.30	56250.7	-0.66	56089.64	56086.93750	56086.74877	56085.23438	505119.1	5408834.4
L5120.0	505119.1	5408834.4	11008.50000	322.54	88.5	48.832465	-86.930245	56090.90	56250.7	-0.67	56090.23	56087.57813	56086.55937	56085.05859	505119.1	5408834.4
L5120.0	505119.2	5408835.7	11008.59961	321.84	92.37	48.832477	-86.930245	56091.56	56250.7	-0.67	56090.89	56088.28906	56087.94336	56086.45703	505119.2	5408835.7
L5120.0	505119.2	5408837.3	11008.70020	322.19	90.39	48.832492	-86.930244	56092.22	56250.7	-0.68	56091.54	56088.98828	56089.24356	56087.77344	505119.2	5408837.3
L5120.0	505119.2	5408838.4	11008.79981	322.04	90.39	48.832502	-86.930244	56092.89	56250.7	-0.68	56092.21	56089.70703	56091.06982	56089.61719	505119.2	5408838.4
L5120.0	505119.2	5408839.9	11008.90039	321.22	87.61	48.832515	-86.930244	56093.48	56250.7	-0.69	56092.79	56090.33984	56091.18766	56089.75000	505119.2	5408839.9
L5120.0	505119.2	5408839.9	11009.00000	322.07	85.16	48.832515	-86.930244	56094.09	56250.7	-0.69	56093.40	56091.00000	56092.03724	56090.61328	505119.2	5408839.9
L5120.0	505119.2	5408841.1	11009.09961	319.38	85.16	48.832526	-86.930244	56094.70	56250.7	-0.69	56094.01	56091.66016	56093.00556	56091.60156	505119.2	5408841.1
L5120.0	505119.3	5408842.4	11009.20020	320.16	86.94	48.832538	-86.930243	56095.25	56250.7	-0.68	56094.57	56092.27344	56093.09493	56091.70703	505119.3	5408842.4
L5120.0	505119.3	5408843.4	11009.29981	319.32	87.09	48.832546	-86.930243	56095.73	56250.7	-0.68	56095.05	56092.80469	56091.72515	56090.35547	505119.3	5408843.4
L5120.0	505119.3	5408844.7	11009.40039	320.22	84.04	48.832558	-86.930243	56096.36	56250.7	-0.68	56095.68	56093.48438	56093.44482	56092.09375	505119.3	5408844.7
L5120.0	505119.3	5408846.1	11009.50000	320.13	84.04	48.832571	-86.930243	56096.97	56250.7	-0.68	56096.29	56094.14453	56094.87601	56093.54297	505119.3	5408846.1
L5120.0	505119.3	5408847.4	11009.59961	320.17	87.07	48.832583	-86.930242	56097.53	56250.7	-0.67	56096.85	56094.75781	56095.43773	56094.12500	505119.3	5408847.4
L5120.0	505119.3	5408847.4	11009.70020	318.51	86.89	48.832583	-86.930242	56098.11	56250.7	-0.67	56097.44	56095.39844	56096.69406	56095.39844	505119.3	5408847.4
L5120.0	505119.3	5408849.2	11009.79981	318.24	90.18	48.832599	-86.930242	56098.64	56250.7	-0.67	56097.98	56095.98828	56097.08866	56095.81250	505119.3	5408849.2
L5120.0	505119.3	5408849.2	11009.90039	317.62	90.18	48.832599	-86.930242	56099.14	56250.7	-0.66	56098.48	56096.53906	56096.82259	56095.56641	505119.3	5408849.2
L5120.0	505119.4	5408851.6	11010.00000	317.37	93.54	48.832620	-86.930242	56099.73	56250.7	-0.66	56099.07	56097.17969	56098.39999	56097.16406	505119.4	5408851.6
L5120.0	505119.4	5408852.7	11010.00000	317.37	94.02	48.832631	-86.930242	56100.21	56250.7	-0.66	56099.55	56097.71094	56097.96902	56096.75391	505119.4	5408852.7
L5120.0	505119.4	5408852.7	11010.20020	318.39	88.42	48.832631	-86.930242	56100.72	56250.7	-0.66	56100.06	56098.26953	56098.22216	56097.02344	505119.4	5408852.7
L5120.0	505119.4	5408854.9	11010.29981	319.64	94.52	48.832651	-86.930242	56101.21	56250.7	-0.66	56100.55	56098.80859	56098.19841	56097.01953	505119.4	5408854.9
L5120.0	505119.4	5408856.3	11010.40039	321.55	94.52	48.832663	-86.930241	56101.84	56250.7	-0.66	56101.17	56099.47656	56100.76010	56099.60156	505119.4	5408856.3
L5120.0	505119.4	5408856.3	11010.50000	321.74	91.17	48.832663	-86.930241	56102.31	56250.7	-0.67	56101.64	56099.99609	56100.56005	56099.42188	505119.4	5408856.3
L5120.0	505119.4	5408857.9	11010.59961	322.48	91.17	48.832677	-86.930241	56102.91	56250.7	-0.67	56102.25	56100.65625	56103.12693	56102.00781	505119.4	5408857.9
L5120.0	505119.4	5408859.3	11010.70020	322.52	91.22	48.832690	-86.930241	56103.32	56250.7	-0.67	56102.65	56101.10156	56101.79782	56100.69922	505119.4	5408859.3
L5120.0	505119.4	5408860.9	11010.79981	322.16	94.64	48.832704	-86.930241	56103.75	56250.7	-0.67	56103.09	56101.58984	56101.33174	56100.25391	505119.4	5408860.9
L5120.0	505119.4	5408861.8	11010.90039	319.70	94.64	48.832712	-86.930241	56104.23	56250.7	-0.67	56103.56	56102.10938	56101.53448	56100.47656	505119.4	5408861.8
L5120.0	505119.4	5408861.8	11011.00000	319.09	94.24	48.832712	-86.930241	56104.69	56250.7	-0.67	56104.02	56102.61328	56101.64558	56100.60547	505119.4	5408861.8
L5120.0	505119.4	5408863.1	11011.09961	318.57	95.46	48.832724	-86.930241	56105.19	56250.7	-0.67	56104.52	56103.16016	56102.60739	56101.58594	505119.4	5408863.1
L5120.0	505119.4	5408864.5	11011.20020	317.90	88.17	48.832736	-86.930241	56105.75	56250.7	-0.67	56105.08	56103.76563	56104.78856	56103.78516	505119.4	5408864.5
L5120.0	505119.4	5408865.5	11011.29981	319.16	90.43	48.832745	-86.930241	56106.28	56250.7	-0.67	56105.61	56104.33984	56106.48929	56105.50781	505119.4	5408865.5
L5120.0	505119.4	5408867.0	11011.40039	321.51	90.43	48.832759	-86.930241	56106.81	56250.7	-0.67	56106.14	56104.91406	56108.27175	56107.30859	505119.4	5408867.0
L5120.0	505119.4	5408868.3	11011.50000	320.55	94.2	48.832770	-86.930241	56107.22	56250.7	-0.67	56106.55	56105.37109	56107.89831	56106.95313	505119.4	5408868.3
L5120.0	505119.4	5408869.1	11011.59961	320.73	92.89	48.832778	-86.930241	56107.59	56250.7	-0.67	56106.92	56105.78125	56106.87583	56105.94531	505119.4	5408869.1
L5120.0	505119.4	5408870.5	11011.70020	319.05	93.59	48.832790	-86.930241	56107.92	56250.7	-0.67	56107.25	56106.15625	56105.21323	56104.30078	505119.4	5408870.5
L5120.0	505119.4	5408870.5	11011.79981	318.23	93.59	48.832790	-86.930241	56108.40	56250.7	-0.67	56107.73	56106.67969	56106.40929	56105.51563	505119.4	5408870.5
L5120.0	505119.4	5408872.3	11011.90039	318.35	92.98	48.832807	-86.930241	56108.94	56250.7	-0.67	56108.27	56107.25781	56108.77493	56107.89844	505119.4	5408872.3
L5120.0	505119.4	5408873.8	11012.00000	318.00	92.98	48.832820	-86.930241	56109.32	56250.7	-0.67	56108.65	56107.67969	56108.29470	56107.43359	505119.4	5408873.8
L5120.0	505119.4	5408875.6	11012.00000	318.00	91.11	48.832837	-86.930241	56109.70	56250.7	-0.67	56109.03	56108.10156	56107.90443	56107.05859	505119.4	5408875.6
L5120.0	505119.4	5408875.6	11012.20020	317.60	95.32	48.832837	-86.930241	56110.07	56250.7	-0.67	56109.40	56108.51172	56107.42346	56106.59375	505119.4	5408875.6
L5120.0	505119.4	5408876.8	11012.29981	317.59	95.32	48.832847	-86.930241	56110.45	56250.7	-0.66	56109.79	56108.94141	56107.38668	56106.57422	505119.4	5408876.8
L5120.0	505119.4	5408878.2	11012.40039	318.69	95.32	48.832860	-86.930241	56111.04	56250.7	-0.66	56110.38	56109.56641	56110.95466	56110.15625	505119.4	5408878.2
L5120.0	505119.4	5408878.2	11012.50000	318.42	95.72	48.832860	-86.930241	56111.49	56250.7	-0.66	56110.83	56110.05469	56112.09623	56111.31250	505119.4	5408878.2
L5120.0	505119.4	5408880.0	11012.59961	319.57	91.85	48.832876	-86.930241	56112.06	56250.7	-0.66	56111.40	56110.66406	56116.57624	56115.80469	505119.4	5408880.0
L5120.0	505119.4	5408881.6	11012.70020	318.49	91.85	48.832890	-86.930241	56112.38	56250.7	-0.66	56111.72	56111.01953	56114.88735	56114.13281	505119.4	5408881.6
L5120.0	505119.4	5408882.9	11012.79981	317.49	90.22	48.832902	-86.930241	56112.78	56250.7	-0.65	56112.13	56111.46484	56115.66547	56114.92188	505119.4	5408882.9
L5120.0	505119.4	5408884.5	11012.90039	318.18	92.9	48.832916	-86.930241	56113.06	56250.7	-0.65	56112.40	56111.76953	56112.97903	56112.24609	505119.4	5408884.5
L5120.0	505119.4	5408884.5	11013.00000	316.16	92.9	48.832916	-86.930241	56113.43	56250.7	-0.65	56112.78	56112.18359	56113.23409	56112.51563	505119.4	5408884.5
L5120.0	505119.4	5408885.8	11013.09961	316.97	95.75	48.832928	-86.930241	56113.77	56250.7	-0.65	56113.12	56112.55859	56112.59961	56111.89063	505119.4	5408885.8
L5120.0	505119.4	5408887.3	11013.20020	316.32	95.75	48.832942	-86.930241	56114.17	56250.7	-0.65	56113.52	56112.99219	56113.56390	56112.86719	505119.4	5408887.3
L5120.0	505119.4	5408888.5	11013.29981	317.41	94.26	48.832952	-86.930241	56114.47	56250.7	-0.65	56113.82	56113.32422	56112.18190	56111.49609	505119.4	5408888.5
L5120.0	505119.4	5408888.5	11013.40039	315.74	94.86	48.832952	-86.930241	56114.90	56250.7	-0.65	56114.25	56113.78906	56114.05411	56113.37500	505119.4	5408888.5
L5120.0	505119.4	5408890.1	11013.50000	314.36	94.86	48.832966	-86.930240	56115.18	56250.7	-0.65	56114.53	56114.09766	56112.42456	56111.75781	505119.4	5408890.1
L5120.0	505119.5	5408891.5	11013.59961	314.97	95.62	48.832979	-86.930240	56115.62	56250.7	-0.65	56114.97	56114.57031	56114.67535	56114.01563	505119.5	5408891.5
L5120.0	505119.5	5408892.8	11013.70020	314.66	96.73	48.832991	-86.930240	56115.94	56250.7	-0.65	56115.29	56114.91797	56114.18565	56113.53516	505119.5	5408892.8
L5120.0	505119.5	5408894.2	11013.79981	314.58	96.73	48.833003	-86.930240	56116.34	56250.7	-0.65	56115.69	56115.34766	56115.62881	56114.98438	505119.5	5408894.2
L5120.0	505119.5	5408894.2	11013.90039	312.90	96.27	48.833003	-86.930240	56116.63	56250.7	-0.65	56115.98	56115.66797	56114.62367	56113.98438	505119.5	5408894.2
L5120.0	505119.5	5408895.8	11014.00000	313.20	96.27	48.833018	-86.930239	56117.03	56250.7	-0.65	56116.38	56116.09766	56116.20088	56115.56641	505119.5	5408895.8
L5120.0	505119.5	5408897.4	11014.00000	313.20	98.66	48.833032	-86.930239	56117.34	56250.7	-0.65	56116.69	56116.43359	56115.80728	56115.17969	505119.5	5408897.4
L5120.0	505119.5	5408897.4	11014.20020	313.56	100.42	48.833032	-86.930239	56117.76	56250.7	-0.65	56117.11	56116.88281	56117.96239	56117.33984	505119.5	5408897.4
L5120.0	505119.5	5408899.0	11014.29981	314.39	100.42	48.833046	-86.930239	56118.07	56250.7	-0.65	56117.42	56117.21875	56117.70774	56117.08984	505119.5	5408899.0
L5120.0	505119.5	5408900.6	11014.40039	313.33	92.34	48.833061	-86.930239	56118.42	56250.7	-0.65	56117.77	56117.59766	56118.42171	56117.80469	505119.5	5408900.6
L5120.0	505119.5	5408902.0	11014.50000	312.01	92.34	48.833074	-86.930239	56118.67	56250.7	-0.65	56118.02	56117.87109	56116.93743	56116.32422	505119.5	5408902.0
L5120.0	505119.5	5408902.0	11014.59961	311.66	101.02	48.833074	-86.930239	56119.00	56250.7	-0.65	56118.35	56118.22656	56117.32105	56116.71094	505119.5	5408902.0
L5120.0	505119.6	5408903.5	11014.70020	312.30	99.56	48.833087	-86.930239	56119.24	56250.7	-0.65	56118.59	56118.49219	56115.69428	56115.08594	505119.6	5408903.5
L5120.0	505119.6	5408904.9	11014.79981	312.31	99.56	48.833100	-86.930239	56119.54	56250.7	-0.65	56118.89	56118.81641	56115.48508	56114.87500	505119.6	5408904.9
L5120.0	505119.6	5408904.9	11014.90039	314.35	103.88	48.833100	-86.930239	56119.89	56250.7	-0.65	56119.24	56119.19141	56116.50069	56115.89063	505119.6	5408904.9
L5120.0	505119.6	5408906.5	11015.00000	316.01	100.85	48.833115	-86.930239	56120.34	56250.7	-0.65	56119.69	56119.66406	56119.98152	56119.37109	505119.6	5408906.5
L5120.0	505119.6	5408907.7	11015.09961	316.85	100.85	48.833125	-86.930239	56120.65	56250.6	-0.65	56120.00	56119.99609	56120.22607	56119.61719	505119.6	5408907.7
L5120.0	505119.6	5408909.1	11015.20020	316.44	102.57	48.833137	-86.930239	56120.99	56250.6	-0.65	56120.35	56120.37109	56121.51747	56120.90625	505119.6	5408909.1
L5120.0	505119.6	5408909.1	11015.29981	317.97	103.81	48.833137	-86.930239	56121.21	56250.6	-0.64	56120.56	56120.60156	56119.41326	56118.79688	505119.6	5408909.1
L5120.0	505119.5	5408910.7	11015.40039	320.75	103.6	48.833152	-86.930239	56121.61	56250.6	-0.64	56120.96	56121.02344	56122.11802	56121.50000	505119.5	5408910.7
L5120.0	505119.5	5408912.0	11015.50000	321.63	103.6	48.833164	-86.930239	56121.89	56250.6	-0.64	56121.25	56121.33594	56122.13760	56121.51563	505119.5	5408912.0
L5120.0	505119.5	5408913.2	11015.59961	321.39	103.44	48.833175	-86.930239	56122.24	56250.6	-0.64	56121.60	56121.70703	56123.78991	56123.16406	505119.5	5408913.2
L5120.0	505119.5	5408914.6	11015.70020	322.43	102.77	48.833187	-86.930239	56122.49	56250.6	-0.64	56121.86	56121.98828	56122.79090	56122.16016	505119.5	5408914.6
L5120.0	505119.5	5408916.0	11015.79981	321.09	102.77	48.833199	-86.930239	56122.77	56250.6	-0.63	56122.14	56122.28906	56122.94966	56122.31250	505119.5	5408916.0
L5120.0	505119.5	5408917.4	11015.90039	318.40	101.95	48.833212	-86.930239	56123.07	56250.6	-0.63	56122.44	56122.60938	56123.51993	56122.87891	505119.5	5408917.4
L5120.0	505119.5	5408917.4	11016.00000	317.26	102.93	48.833212	-86.930239	56123.33	56250.6	-0.63	56122.70	56122.89063	56123.42743	56122.77734	505119.5	5408917.4
L5120.0	505119.4	5408919.0	11016.00000	317.26	102.93	48.833226	-86.930240	56123.61	56250.6	-0.63	56122.98	56123.18750	56123.75040	56123.09375	505119.4	5408919.0
L5120.0	505119.4	5408920.2	11016.20020	319.39	103.59	48.833237	-86.930240	56123.86	56250.6	-0.62	56123.23	56123.45703	56123.58041	56122.91797	505119.4	5408920.2
L5120.0	505119.4	5408921.5	11016.29981	319.04	103.59	48.833249	-86.930240	56124.12	56250.6	-0.62	56123.50	56123.74609	56123.83325	56123.16406	505119.4	5408921.5
L5120.0	505119.4	5408921.5	11016.40039	319.70	96.32	48.833249	-86.930240	56124.39	56250.6	-0.62	56123.77	56124.03516	56124.14443	56123.46484	505119.4	5408921.5
L5120.0	505119.3	5408923.5	11016.50000	319.93	92.51	48.833267	-86.930241	56124.63	56250.6	-0.61	56124.01	56124.29688	56123.96432	56123.27734	505119.3	5408923.5
L5120.0	505119.3	5408924.7	11016.59961	319.87	92.51	48.833278	-86.930242	56124.89	56250.6	-0.61	56124.28	56124.58594	56124.39354	56123.69531	505119.3	5408924.7
L5120.0	505119.3	5408926.0	11016.70020	319.25	93.26	48.833290	-86.930242	56125.18	56250.6	-0.61	56124.57	56124.89453	56125.23965	56124.53125	505119.3	5408926.0
L5120.0	505119.3	5408926.0	11016.79981	320.71	94.81	48.833290	-86.930242	56125.56	56250.6	-0.61	56124.95	56125.29297	56127.74062	56127.02344	505119.3	5408926.0
L5120.0	505119.2	5408928.4	11016.90039	321.17	96.69	48.833312	-86.930243	56125.76	56250.6	-0.60	56125.16	56125.51953	56127.24416	56126.51563	505119.2	5408928.4
L5120.0	505119.2	5408928.4	11017.00000	320.71	96.69	48.833312	-86.930243	56126.06	56250.6	-0.60	56125.46	56125.83984	56128.39214	56127.65234	505119.2	5408928.4
L5120.0	505119.2	5408930.0	11017.09961	318.92	91.42	48.833326	-86.930243	56126.26	56250.6	-0.60	56125.66	56126.05469	56127.30310	56126.55078	505119.2	5408930.0
L5120.0	505119.2	5408931.2	11017.20020	318.21	99.12	48.833336	-86.930244	56126.52	56250.6	-0.60	56125.92	56126.33594	56127.98983	56127.22656	505119.2	5408931.2

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5120.0	505119.2	5408932.3	11017.29981	318.35	103.09	48.833346	-86.930244	56126.64	56250.6	-0.61	56126.03	56126.46094	56124.93023	56124.15234	505119.2	5408932.3
L5120.0	505119.1	5408933.6	11017.40039	316.38	103.09	48.833358	-86.930244	56126.95	56250.6	-0.61	56126.34	56126.78906	56127.10267	56126.31250	505119.1	5408933.6
L5120.0	505119.1	5408935.0	11017.50000	316.67	103.11	48.833370	-86.930244	56127.17	56250.6	-0.61	56126.56	56127.02734	56127.07859	56126.27734	505119.1	5408935.0
L5120.0	505119.1	5408935.6	11017.59961	313.37	96.93	48.833376	-86.930244	56127.38	56250.6	-0.61	56126.77	56127.25391	56126.90723	56126.08984	505119.1	5408935.6
L5120.0	505119.1	5408937.0	11017.70020	312.81	96.93	48.833389	-86.930244	56127.60	56250.6	-0.61	56126.98	56127.48438	56126.83720	56126.00781	505119.1	5408937.0
L5120.0	505119.1	5408938.1	11017.79981	312.10	95.2	48.833399	-86.930244	56127.79	56250.6	-0.62	56127.17	56127.69141	56126.37184	56125.52734	505119.1	5408938.1
L5120.0	505119.1	5408938.1	11017.90039	311.59	96.33	48.833399	-86.930244	56128.00	56250.6	-0.62	56127.39	56127.92969	56126.74012	56125.88281	505119.1	5408938.1
L5120.0	505119.1	5408939.4	11018.00000	312.43	98.27	48.833411	-86.930244	56128.36	56250.6	-0.62	56127.74	56128.29688	56130.38323	56129.51172	505119.1	5408939.4
L5120.0	505119.1	5408940.8	11018.00000	312.43	98.27	48.833423	-86.930244	56128.48	56250.6	-0.62	56127.86	56128.43359	56128.47893	56127.58984	505119.1	5408940.8
L5120.0	505119.1	5408941.8	11018.20020	314.93	102.48	48.833432	-86.930244	56128.77	56250.6	-0.61	56128.16	56128.75000	56131.07514	56130.17188	505119.1	5408941.8
L5120.0	505119.1	5408943.5	11018.29981	316.22	102.48	48.833447	-86.930244	56128.97	56250.6	-0.61	56128.36	56128.96875	56131.31199	56130.39453	505119.1	5408943.5
L5120.0	505119.1	5408944.8	11018.40039	317.10	100.58	48.833459	-86.930244	56129.15	56250.6	-0.60	56128.55	56129.17578	56131.39063	56130.45703	505119.1	5408944.8
L5120.0	505119.1	5408944.8	11018.50000	316.76	102.12	48.833459	-86.930244	56129.32	56250.6	-0.60	56128.72	56129.36328	56131.05914	56130.11328	505119.1	5408944.8
L5120.0	505119.1	5408947.3	11018.59961	318.56	102.12	48.833481	-86.930244	56129.40	56250.6	-0.59	56128.81	56129.47266	56128.81583	56127.85156	505119.1	5408947.3
L5120.0	505119.1	5408947.3	11018.70020	318.86	102.3	48.833481	-86.930244	56129.66	56250.6	-0.58	56129.07	56129.75000	56130.87866	56129.90234	505119.1	5408947.3
L5120.0	505119.2	5408948.4	11018.79981	318.06	103.37	48.833491	-86.930244	56129.90	56250.6	-0.58	56129.32	56130.01563	56132.79013	56131.79688	505119.2	5408948.4
L5120.0	505119.2	5408949.8	11018.90039	317.31	103.37	48.833503	-86.930243	56130.01	56250.6	-0.57	56129.44	56130.15625	56131.50792	56130.50000	505119.2	5408949.8
L5120.0	505119.2	5408951.0	11019.00000	319.39	101.26	48.833515	-86.930243	56130.20	56250.6	-0.57	56129.63	56130.36328	56132.06486	56131.04297	505119.2	5408951.0
L5120.0	505119.2	5408952.4	11019.09961	320.67	100.39	48.833527	-86.930243	56130.34	56250.6	-0.57	56129.76	56130.51172	56131.16238	56130.12500	505119.2	5408952.4
L5120.0	505119.2	5408952.4	11019.20020	321.31	91.16	48.833527	-86.930243	56130.51	56250.6	-0.58	56129.93	56130.69922	56131.34854	56130.29297	505119.2	5408952.4
L5120.0	505119.2	5408954.0	11019.29981	322.09	91.16	48.833542	-86.930243	56130.58	56250.6	-0.58	56130.00	56130.78516	56129.02436	56127.95313	505119.2	5408954.0
L5120.0	505119.2	5408955.0	11019.40039	319.21	95.73	48.833550	-86.930243	56130.62	56250.6	-0.59	56130.03	56130.83203	56125.72376	56124.63672	505119.2	5408955.0
L5120.0	505119.2	5408956.6	11019.50000	317.99	95.73	48.833565	-86.930243	56130.82	56250.6	-0.60	56130.22	56131.03906	56126.62621	56125.52734	505119.2	5408956.6
L5120.0	505119.2	5408956.6	11019.59961	315.55	98.45	48.833565	-86.930243	56131.09	56250.6	-0.60	56130.49	56131.32813	56129.66921	56128.55469	505119.2	5408956.6
L5120.0	505119.2	5408958.1	11019.70020	315.49	98.45	48.833579	-86.930243	56131.29	56250.6	-0.61	56130.69	56131.54688	56130.96767	56129.83594	505119.2	5408958.1
L5120.0	505119.2	5408959.5	11019.79981	314.59	96.79	48.833591	-86.930243	56131.50	56250.6	-0.61	56130.89	56131.76563	56132.33019	56131.18359	505119.2	5408959.5
L5120.0	505119.1	5408960.7	11019.90039	314.18	86.67	48.833602	-86.930244	56131.47	56250.6	-0.62	56130.86	56131.75000	56127.82400	56126.66406	505119.1	5408960.7
L5120.0	505119.1	5408961.8	11020.00000	313.95	86.67	48.833611	-86.930244	56131.63	56250.6	-0.62	56131.00	56131.91016	56127.77005	56126.59766	505119.1	5408961.8
L5120.0	505119.1	5408963.4	11020.00000	313.95	89.6	48.833626	-86.930244	56131.81	56250.6	-0.62	56131.18	56132.10547	56128.81098	56127.62500	505119.1	5408963.4
L5120.0	505119.1	5408963.4	11020.20020	316.40	95.21	48.833626	-86.930244	56131.98	56250.6	-0.61	56131.36	56132.30469	56129.91776	56128.71484	505119.1	5408963.4
L5120.0	505119.1	5408964.9	11020.29981	315.12	95.21	48.833640	-86.930244	56132.20	56250.6	-0.61	56131.59	56132.55078	56132.39446	56131.17969	505119.1	5408964.9
L5120.0	505119.1	5408966.1	11020.40039	315.82	94.08	48.833650	-86.930244	56132.31	56250.6	-0.61	56131.71	56132.69141	56132.08853	56130.85938	505119.1	5408966.1
L5120.0	505119.1	5408967.4	11020.50000	317.25	94.3	48.833662	-86.930244	56132.52	56250.6	-0.60	56131.91	56132.90625	56133.95471	56132.71484	505119.1	5408967.4
L5120.0	505119.1	5408968.8	11020.59961	318.17	94.3	48.833674	-86.930245	56132.63	56250.6	-0.60	56132.03	56133.04297	56133.62897	56132.37500	505119.1	5408968.8
L5120.0	505119.1	5408968.8	11020.70020	319.92	94.01	48.833674	-86.930245	56132.82	56250.6	-0.60	56132.22	56133.25000	56134.89871	56133.63281	505119.1	5408968.8
L5120.0	505119.1	5408971.0	11020.79981	319.58	94.01	48.833694	-86.930245	56132.88	56250.6	-0.60	56132.29	56133.33984	56134.08780	56132.80859	505119.1	5408971.0
L5120.0	505119.1	5408972.3	11020.90039	317.62	89.87	48.833706	-86.930244	56133.13	56250.6	-0.59	56132.53	56133.59375	56136.39943	56135.10938	505119.1	5408972.3
L5120.0	505119.1	5408973.3	11021.00000	318.66	89.87	48.833715	-86.930244	56133.16	56250.6	-0.59	56132.57	56133.65234	56135.12251	56133.82031	505119.1	5408973.3
L5120.0	505119.1	5408974.6	11021.09961	317.81	92.63	48.833727	-86.930244	56133.29	56250.6	-0.59	56132.70	56133.79688	56135.53933	56134.22656	505119.1	5408974.6
L5120.0	505119.1	5408974.6	11021.20020	318.26	97.13	48.833727	-86.930244	56133.35	56250.6	-0.59	56132.76	56133.87500	56134.67933	56133.35547	505119.1	5408974.6
L5120.0	505119.1	5408976.3	11021.29981	319.11	98.25	48.833743	-86.930244	56133.52	56250.6	-0.59	56132.93	56134.06250	56135.95344	56134.62109	505119.1	5408976.3
L5120.0	505119.1	5408977.4	11021.40039	319.98	98.25	48.833752	-86.930244	56133.57	56250.6	-0.59	56132.98	56134.12891	56134.96234	56133.62109	505119.1	5408977.4
L5120.0	505119.1	5408977.4	11021.50000	320.33	97.15	48.833752	-86.930244	56133.71	56250.6	-0.58	56133.12	56134.28516	56135.75677	56134.40625	505119.1	5408977.4
L5120.0	505119.1	5408978.7	11021.59961	321.53	95.84	48.833764	-86.930244	56133.72	56250.6	-0.58	56133.14	56134.32031	56134.22783	56132.87109	505119.1	5408978.7
L5120.0	505119.1	5408980.3	11021.70020	322.27	95.84	48.833778	-86.930244	56133.82	56250.6	-0.58	56133.24	56134.43359	56134.30984	56132.94141	505119.1	5408980.3
L5120.0	505119.1	5408981.5	11021.79981	323.15	96.28	48.833789	-86.930244	56133.95	56250.6	-0.58	56133.37	56134.57813	56135.02948	56133.65625	505119.1	5408981.5
L5120.0	505119.1	5408982.8	11021.90039	323.38	97.78	48.833800	-86.930243	56134.00	56250.6	-0.58	56133.42	56134.64453	56134.19303	56132.81250	505119.1	5408982.8
L5120.0	505119.2	5408984.0	11022.00000	323.34	97.53	48.833811	-86.930243	56134.06	56250.6	-0.58	56133.47	56134.71094	56133.39741	56132.01172	505119.2	5408984.0
L5120.0	505119.2	5408985.5	11022.00000	323.34	97.53	48.833825	-86.930242	56134.14	56250.6	-0.58	56133.56	56134.81250	56133.43879	56132.04688	505119.2	5408985.5
L5120.0	505119.2	5408985.5	11022.20020	322.50	94.44	48.833825	-86.930242	56134.25	56250.6	-0.58	56133.68	56134.94922	56134.10558	56132.70703	505119.2	5408985.5
L5120.0	505119.3	5408988.0	11022.29981	321.68	94.44	48.833848	-86.930241	56134.38	56250.6	-0.57	56133.81	56135.08984	56134.98749	56133.58203	505119.3	5408988.0
L5120.0	505119.3	5408988.0	11022.40039	321.43	100.32	48.833848	-86.930241	56134.47	56250.6	-0.57	56133.90	56135.19531	56135.11616	56133.70703	505119.3	5408988.0
L5120.0	505119.3	5408989.5	11022.50000	319.49	100.32	48.833861	-86.930241	56134.43	56250.6	-0.57	56133.86	56135.16797	56132.84090	56131.42969	505119.3	5408989.5
L5120.0	505119.3	5408989.5	11022.59961	320.65	98.99	48.833861	-86.930241	56134.48	56250.6	-0.57	56133.91	56135.23047	56132.33702	56130.92188	505119.3	5408989.5
L5120.0	505119.4	5408991.2	11022.70020	321.43	98.99	48.833877	-86.930240	56134.54	56250.6	-0.57	56133.97	56135.30078	56132.07048	56130.65234	505119.4	5408991.2
L5120.0	505119.4	5408992.8	11022.79981	321.14	98.91	48.833890	-86.930240	56134.66	56250.6	-0.56	56134.10	56135.44141	56133.07224	56131.65234	505119.4	5408992.8
L5120.0	505119.5	5408994.4	11022.90039	322.52	98.91	48.833905	-86.930239	56134.64	56250.6	-0.56	56134.08	56135.43359	56129.70246	56128.28125	505119.5	5408994.4
L5120.0	505119.5	5408996.0	11023.00000	321.79	95.57	48.833919	-86.930238	56134.94	56250.6	-0.56	56134.38	56135.74609	56135.55141	56134.13281	505119.5	5408996.0
L5120.0	505119.5	5408996.0	11023.09961	319.30	97.44	48.833919	-86.930238	56134.96	56250.6	-0.56	56134.40	56135.77344	56134.32379	56132.90234	505119.5	5408996.0
L5120.0	505119.5	5408997.3	11023.20020	315.37	97.44	48.833931	-86.930238	56135.16	56250.6	-0.56	56134.60	56135.98438	56137.41847	56136.00000	505119.5	5408997.3
L5120.0	505119.5	5408997.3	11023.29981	312.88	98.77	48.833931	-86.930238	56135.22	56250.6	-0.56	56134.66	56136.05469	56137.17623	56135.75781	505119.5	5408997.3
L5120.0	505119.6	5408998.9	11023.40039	311.13	98.77	48.833946	-86.930237	56135.32	56250.6	-0.56	56134.76	56136.16016	56137.85865	56136.44141	505119.6	5408998.9
L5120.0	505119.6	5409000.3	11023.50000	311.77	98.43	48.833958	-86.930236	56135.21	56250.6	-0.56	56134.65	56136.05859	56134.01797	56132.60547	505119.6	5409000.3
L5120.0	505119.7	5409001.4	11023.59961	311.91	98.43	48.833968	-86.930236	56135.17	56250.6	-0.56	56134.61	56136.02734	56131.85112	56130.44141	505119.7	5409001.4
L5120.0	505119.7	5409003.0	11023.70020	308.59	95.73	48.833983	-86.930235	56135.24	56250.6	-0.56	56134.68	56136.10547	56132.04681	56130.64063	505119.7	5409003.0
L5120.0	505119.7	5409003.0	11023.79981	309.45	95.83	48.833983	-86.930235	56135.39	56250.6	-0.56	56134.83	56136.25781	56133.86581	56132.46094	505119.7	5409003.0
L5120.0	505119.7	5409004.5	11023.90039	307.98	95.83	48.833996	-86.930235	56135.47	56250.6	-0.56	56134.91	56136.34375	56134.23969	56132.84375	505119.7	5409004.5
L5120.0	505119.8	5409005.9	11024.00000	308.89	96.2	48.834008	-86.930234	56135.62	56250.6	-0.56	56135.06	56136.50000	56136.02883	56134.63672	505119.8	5409005.9
L5120.0	505119.8	5409007.2	11024.00000	308.89	93.67	48.834020	-86.930234	56135.68	56250.6	-0.56	56135.12	56136.56250	56136.01322	56134.62891	505119.8	5409007.2
L5120.0	505119.8	5409008.7	11024.20020	310.36	93.67	48.834034	-86.930233	56135.89	56250.6	-0.56	56135.33	56136.77734	56139.08626	56137.70703	505119.8	5409008.7
L5120.0	505119.9	5409010.1	11024.29981	310.45	93.88	48.834046	-86.930233	56135.88	56250.6	-0.56	56135.32	56136.76953	56137.68127	56136.30859	505119.9	5409010.1
L5120.0	505119.9	5409010.1	11024.40039	310.84	93.88	48.834046	-86.930233	56135.92	56250.6	-0.56	56135.35	56136.80078	56137.08688	56135.72266	505119.9	5409010.1
L5120.0	505119.9	5409011.2	11024.50000	311.54	93.82	48.834056	-86.930233	56135.93	56250.6	-0.57	56135.36	56136.81250	56136.03333	56134.67969	505119.9	5409011.2
L5120.0	505119.9	5409012.5	11024.59961	312.55	92.36	48.834068	-86.930233	56135.95	56250.6	-0.57	56135.38	56136.83203	56135.14751	56133.80078	505119.9	5409012.5
L5120.0	505119.9	5409014.0	11024.70020	312.70	92.36	48.834082	-86.930233	56135.95	56250.6	-0.57	56135.39	56136.84375	56133.97507	56132.64063	505119.9	5409014.0
L5120.0	505119.9	5409015.4	11024.79981	314.16	88.98	48.834094	-86.930233	56136.10	56250.6	-0.57	56135.53	56136.98438	56135.82857	56134.50391	505119.9	5409015.4
L5120.0	505119.9	5409015.4	11024.90039	315.56	93.86	48.834094	-86.930233	56136.03	56250.6	-0.57	56135.46	56136.91016	56132.62634	56131.31250	505119.9	5409015.4
L5120.0	505119.9	5409016.5	11025.00000	316.29	93.86	48.834104	-86.930233	56136.25	56250.6	-0.57	56135.68	56137.12891	56136.57656	56135.27344	505119.9	5409016.5
L5120.0	505119.9	5409017.7	11025.09961	316.83	94.61	48.834114	-86.930233	56136.10	56250.6	-0.57	56135.53	56136.97656	56131.10050	56129.81250	505119.9	5409017.7
L5120.0	505119.9	5409018.8	11025.20020	319.48	94.84	48.834125	-86.930233	56136.16	56250.6	-0.56	56135.60	56137.03906	56132.25359	56130.97656	505119.9	5409018.8
L5120.0	505119.9	5409020.8	11025.29981	322.29	94.84	48.834143	-86.930233	56136.22	56250.6	-0.56	56135.67	56137.10547	56132.33864	56131.07422	505119.9	5409020.8
L5120.0	505119.9	5409020.8	11025.40039	324.92	93.61	48.834143	-86.930233	56136.30	56250.5	-0.55	56135.75	56137.17969	56132.61685	56131.36719	505119.9	5409020.8
L5120.0	505119.9	5409022.2	11025.50000	325.89	93.61	48.834155	-86.930232	56136.34	56250.5	-0.54	56135.79	56137.21484	56132.15351	56130.91797	505119.9	5409022.2
L5120.0	505119.9	5409023.3	11025.59961	323.31	94.43	48.834165	-86.930232	56136.48	56250.5	-0.54	56135.94	56137.35547	56133.79340	56132.57031	505119.9	5409023.3
L5120.0	505119.9	5409025.2	11025.70020	322.58	94.98	48.834182	-86.930232	56136.53	56250.5	-0.53	56135.99	56137.39844	56133.53302	56132.32813	505119.9	5409025.2
L5120.0	505119.9	5409026.3	11025.79981	323.80	94.98	48.834192	-86.930232	56136.71	56250.5	-0.53	56136.18	56137.57813	56136.03125	56134.83984	505119.9	5409026.3
L5120.0	505119.9	5409026.3	11025.90039	322.16	96.17	48.834192	-86.930232	56136.68	56250.5	-0.52	56136.16	56137.54688	56134.38711	56133.21094	505119.9	5409026.3
L5120.0	505119.9	5409027.4	11026.00000	322.35	95.92	48.834202	-86.930232	56136.74	56250.5	-0.52	56136.22	56137.59766	56134.31916	56133.16016	505119.9	5409027.4
L5120.0	505119.9	5409028.8	11026.00000	322.35	95.16	48.834214	-86.930232	56136.81	56250.5	-0.52	56136.29	56137.65625	56134.44806	56133.30859	505119.9	5409028.8
L5120.0	505120.0	5409030.7	11026.20020	322.09	95.16	48.834231	-86.930231	56136.91	56250.5	-0.52	56136.39	56137.74219	56135.17667	56134.05469	505120.0	5409030.7
L5120.0	505120.0	5409030.7	11026.29981	320.83	95.14	48.834231	-86.930231	56137.06	56250.5	-0.52	56136.54	56137.87891	56136.90161	56135.79688	505120.0	5409030.7
L5120.0	505120.0	5409031.9	11026.40039	318.70	94.79	48.834243	-86.930231	56137.14	56250.5	-0.52	56136.62	56137.94531	56137.20493	56136.11719	505120.0	5409031.9
L5120.0	505120.0	5409033.5	11026.50000	320.65	94.79	48.834257	-86.930230	56137.12	56250.5	-0.52	56136.59	56137.89844	56135.30884	56134.24219	505120.0	5409033.5

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5120.0	505120.1	5409035.1	11026.59961	321.40	95.62	48.834271	-86.930230	56137.34	56250.5	-0.53	56136.81	56138.10156	56138.35895	56137.30859	505120.1	5409035.1
L5120.0	505120.1	5409036.7	11026.70020	319.75	93.58	48.834285	-86.930229	56137.44	56250.5	-0.53	56136.91	56138.18750	56139.00336	56137.97266	505120.1	5409036.7
L5120.0	505120.1	5409036.7	11026.79981	320.98	93.58	48.834285	-86.930229	56137.59	56250.5	-0.53	56137.06	56138.31641	56140.59556	56139.58594	505120.1	5409036.7
L5120.0	505120.1	5409037.8	11026.90039	320.29	94.1	48.834296	-86.930229	56137.52	56250.5	-0.53	56136.99	56138.23047	56137.92406	56136.93359	505120.1	5409037.8
L5120.0	505120.2	5409039.0	11027.00000	318.88	84.58	48.834306	-86.930228	56137.54	56250.5	-0.53	56137.01	56138.23047	56137.00076	56136.03125	505120.2	5409039.0
L5120.0	505120.2	5409039.0	11027.09961	318.89	84.58	48.834306	-86.930228	56137.54	56250.5	-0.53	56137.01	56138.20703	56135.69776	56134.75000	505120.2	5409039.0
L5120.0	505120.2	5409040.6	11027.20020	318.54	89.6	48.834320	-86.930228	56137.54	56250.5	-0.54	56137.01	56138.18750	56134.39203	56133.46484	505120.2	5409040.6
L5120.0	505120.3	5409042.1	11027.29981	317.66	89.6	48.834334	-86.930227	56137.70	56250.5	-0.54	56137.16	56138.31641	56135.91384	56135.00391	505120.3	5409042.1
L5120.0	505120.3	5409043.5	11027.40039	317.49	98.77	48.834346	-86.930226	56137.85	56250.5	-0.54	56137.31	56138.44141	56137.42215	56136.53516	505120.3	5409043.5
L5120.0	505120.4	5409044.8	11027.50000	317.35	99.77	48.834359	-86.930226	56137.96	56250.5	-0.54	56137.42	56138.52734	56138.16565	56137.30078	505120.4	5409044.8
L5120.0	505120.4	5409046.0	11027.59961	318.90	99.77	48.834369	-86.930226	56137.92	56250.5	-0.55	56137.37	56138.45313	56135.85146	56135.00781	505120.4	5409046.0
L5120.0	505120.4	5409046.0	11027.70020	317.00	100.14	48.834369	-86.930226	56137.90	56250.6	-0.55	56137.35	56138.41016	56134.07610	56133.25391	505120.4	5409046.0
L5120.0	505120.4	5409047.3	11027.79981	314.65	88.82	48.834381	-86.930225	56138.00	56250.6	-0.55	56137.45	56138.48047	56134.58325	56133.78125	505120.4	5409047.3
L5120.0	505120.4	5409048.9	11027.90039	314.95	88.82	48.834395	-86.930225	56137.99	56250.6	-0.56	56137.43	56138.43359	56132.74724	56131.96875	505120.4	5409048.9
L5120.0	505120.4	5409050.0	11028.00000	312.60	90.9	48.834405	-86.930225	56138.06	56250.6	-0.56	56137.50	56138.47656	56132.63723	56131.87891	505120.4	5409050.0
L5120.0	505120.5	5409051.6	11028.00000	312.60	90.9	48.834420	-86.930224	56138.16	56250.6	-0.56	56137.60	56138.55078	56133.10973	56132.37500	505120.5	5409051.6
L5120.0	505120.5	5409051.6	11028.20020	317.38	87.78	48.834420	-86.930224	56138.38	56250.6	-0.55	56137.82	56138.73828	56135.98245	56135.26953	505120.5	5409051.6
L5120.0	505120.5	5409053.2	11028.29981	319.33	87.78	48.834434	-86.930224	56138.54	56250.6	-0.55	56137.98	56138.87109	56137.68875	56136.99609	505120.5	5409053.2
L5120.0	505120.5	5409054.3	11028.40039	322.81	101.77	48.834444	-86.930224	56138.60	56250.5	-0.55	56138.05	56138.91016	56137.58773	56136.91797	505120.5	5409054.3
L5120.0	505120.5	5409055.7	11028.50000	324.97	102.13	48.834456	-86.930224	56138.71	56250.5	-0.54	56138.17	56138.99609	56138.50513	56137.85938	505120.5	5409055.7
L5120.0	505120.5	5409057.1	11028.59961	325.10	102.13	48.834469	-86.930223	56138.73	56250.5	-0.54	56138.18	56138.97656	56137.16384	56136.53906	505120.5	5409057.1
L5120.0	505120.5	5409057.1	11028.70020	325.71	102.68	48.834469	-86.930223	56139.02	56250.5	-0.54	56138.48	56139.24219	56141.81608	56141.21094	505120.5	5409057.1
L5120.0	505120.6	5409058.7	11028.79981	324.96	102.68	48.834483	-86.930223	56139.16	56250.5	-0.54	56138.62	56139.34766	56143.17601	56142.59375	505120.6	5409058.7
L5120.0	505120.6	5409060.2	11028.90039	324.42	98.48	48.834497	-86.930222	56139.21	56250.5	-0.53	56138.68	56139.37500	56142.87007	56142.30859	505120.6	5409060.2
L5120.0	505120.6	5409061.6	11029.00000	322.56	101.34	48.834509	-86.930222	56139.14	56250.5	-0.53	56138.61	56139.26953	56139.85315	56139.31641	505120.6	5409061.6
L5120.0	505120.6	5409061.6	11029.09961	321.79	101.34	48.834509	-86.930222	56139.31	56250.5	-0.53	56138.78	56139.40625	56141.83064	56141.31250	505120.6	5409061.6
L5120.0	505120.7	5409063.2	11029.20020	319.42	100.1	48.834524	-86.930222	56139.21	56250.5	-0.53	56138.68	56139.26953	56138.22192	56137.72656	505120.7	5409063.2
L5120.0	505120.7	5409064.9	11029.29981	317.94	100.1	48.834539	-86.930221	56139.29	56250.5	-0.53	56138.76	56139.31250	56138.35922	56137.88281	505120.7	5409064.9
L5120.0	505120.7	5409064.9	11029.40039	318.09	101.36	48.834539	-86.930221	56139.38	56250.5	-0.53	56138.85	56139.36328	56138.71181	56138.25781	505120.7	5409064.9
L5120.0	505120.7	5409066.0	11029.50000	318.44	101.36	48.834549	-86.930221	56139.59	56250.5	-0.52	56139.07	56139.54688	56141.66492	56141.23047	505120.7	5409066.0
L5120.0	505120.7	5409067.5	11029.59961	320.36	101.36	48.834563	-86.930221	56139.62	56250.5	-0.52	56139.10	56139.53906	56140.81503	56140.40234	505120.7	5409067.5
L5120.0	505120.7	5409069.2	11029.70020	320.28	101.36	48.834577	-86.930221	56139.79	56250.5	-0.52	56139.27	56139.67188	56142.70639	56142.31250	505120.7	5409069.2
L5120.0	505120.7	5409070.8	11029.79981	321.21	101.36	48.834592	-86.930221	56139.84	56250.5	-0.52	56139.32	56139.67969	56142.27940	56141.90625	505120.7	5409070.8
L5120.0	505120.7	5409070.8	11029.90039	320.48	101.36	48.834592	-86.930221	56139.95	56250.5	-0.52	56139.42	56139.74219	56142.81412	56142.45703	505120.7	5409070.8
L5120.0	505120.7	5409072.1	11030.00000	318.81	101.36	48.834604	-86.930221	56139.92	56250.5	-0.52	56139.40	56139.68359	56141.18599	56140.84766	505120.7	5409072.1
L5120.0	505120.7	5409073.8	11030.00000	318.81	101.36	48.834619	-86.930222	56139.95	56250.5	-0.52	56139.43	56139.67188	56140.54059	56140.22266	505120.7	5409073.8
L5120.0	505120.6	5409074.9	11030.09961	318.81	101.36	48.834629	-86.930222	56140.02	56250.5	-0.52	56139.50	56139.69922	56139.90719	56139.60547	505120.6	5409074.9
L5120.0	505120.6	5409074.9	11030.20020	315.62	101.36	48.834629	-86.930222	56140.10	56250.5	-0.52	56139.58	56139.73828	56140.25704	56139.97266	505120.6	5409074.9
L5120.0	505120.6	5409076.8	11030.20020	315.62	101.36	48.834646	-86.930222	56140.13	56250.5	-0.52	56139.60	56139.71875	56139.14113	56138.87500	505120.6	5409076.8
L5120.0	505120.6	5409078.5	11030.50000	313.26	101.36	48.834661	-86.930222	56140.36	56250.5	-0.52	56139.83	56139.90625	56143.31190	56143.06250	505120.6	5409078.5
L5120.0	505120.6	5409078.5	11030.59961	313.12	101.36	48.834661	-86.930222	56140.48	56250.5	-0.53	56139.95	56139.98438	56144.74571	56144.51172	505120.6	5409078.5
L5120.0	505120.6	5409080.7	11030.70020	312.39	101.36	48.834681	-86.930223	56140.43	56250.5	-0.53	56139.90	56139.89453	56142.12404	56141.90625	505120.6	5409080.7
L5120.0	505120.6	5409080.7	11030.79981	312.42	101.36	48.834681	-86.930223	56140.48	56250.5	-0.53	56139.95	56139.89844	56142.01664	56141.81250	505120.6	5409080.7
L5120.0	505120.5	5409082.3	11030.90039	312.98	101.36	48.834696	-86.930223	56140.44	56250.5	-0.53	56139.91	56139.81641	56139.84288	56139.65234	505120.5	5409082.3
L5120.0	505120.5	5409082.3	11031.00000	312.25	101.36	48.834696	-86.930223	56140.63	56250.5	-0.53	56140.10	56139.96484	56143.22384	56143.04688	505120.5	5409082.3
L5120.0	505120.5	5409084.1	11031.09961	312.55	101.36	48.834712	-86.930223	56140.61	56250.5	-0.53	56140.08	56139.90234	56141.69023	56141.52734	505120.5	5409084.1
L5120.0	505120.5	5409085.3	11031.20020	312.58	101.36	48.834722	-86.930223	56140.63	56250.5	-0.53	56140.10	56139.87891	56141.19000	56141.03906	505120.5	5409085.3
L5120.0	505120.5	5409086.6	11031.29981	312.63	101.36	48.834735	-86.930223	56140.85	56250.5	-0.54	56140.32	56140.05469	56145.55905	56145.42188	505120.5	5409086.6
L5120.0	505120.5	5409088.0	11031.40039	314.16	101.36	48.834747	-86.930223	56140.96	56250.5	-0.54	56140.42	56140.10938	56147.17720	56147.05078	505120.5	5409088.0
L5120.0	505120.5	5409089.3	11031.50000	315.80	101.36	48.834759	-86.930223	56141.12	56250.5	-0.54	56140.58	56140.22656	56150.36373	56150.24609	505120.5	5409089.3
L5120.0	505120.5	5409089.3	11031.59961	314.86	101.36	48.834759	-86.930223	56141.06	56250.5	-0.54	56140.51	56140.11328	56148.09170	56147.98438	505120.5	5409089.3
L5120.0	505120.5	5409090.5	11031.70020	316.19	101.36	48.834770	-86.930223	56140.98	56250.5	-0.54	56140.44	56140.00000	56145.89437	56145.79688	505120.5	5409090.5
L5120.0	505120.6	5409092.1	11031.79981	316.65	101.36	48.834784	-86.930222	56140.88	56250.5	-0.55	56140.34	56139.85547	56143.03767	56142.94922	505120.6	5409092.1
L5120.0	505120.6	5409093.5	11031.90039	318.91	101.36	48.834796	-86.930222	56141.04	56250.5	-0.55	56140.49	56139.96094	56146.44916	56146.36719	505120.6	5409093.5
L5120.0	505120.6	5409094.6	11032.00000	320.52	101.36	48.834807	-86.930222	56140.93	56250.6	-0.55	56140.38	56139.80859	56143.54257	56143.46875	505120.6	5409094.6
L5120.0	505120.6	5409096.0	11032.00000	320.52	101.36	48.834819	-86.930222	56140.94	56250.6	-0.55	56140.39	56139.77344	56143.72422	56143.65625	505120.6	5409096.0
L5120.0	505120.6	5409096.0	11032.20020	319.95	130	48.834819	-86.930222	56141.02	56250.6	-0.55	56140.47	56139.81250	56145.76926	56145.70703	505120.6	5409096.0
L5120.0	505120.6	5409097.9	11032.29981	318.89	130	48.834836	-86.930222	56141.08	56250.6	-0.55	56140.53	56139.82813	56147.43381	56147.37500	505120.6	5409097.9
L5120.0	505120.6	5409099.6	11032.40039	318.15	130	48.834851	-86.930222	56140.96	56250.6	-0.55	56140.41	56139.66406	56144.76080	56144.70313	505120.6	5409099.6
L5120.0	505120.6	5409100.7	11032.50000	316.11	130	48.834861	-86.930222	56141.04	56250.6	-0.55	56140.49	56139.69922	56147.15422	56147.10156	505120.6	5409100.7
L5120.0	505120.6	5409102.0	11032.59961	315.72	130	48.834873	-86.930222	56140.90	56250.6	-0.55	56140.35	56139.51563	56144.29093	56144.23828	505120.6	5409102.0
L5120.0	505120.6	5409102.0	11032.70020	315.41	103.24	48.834873	-86.930222	56140.91	56250.6	-0.55	56140.36	56139.48438	56145.22543	56145.17578	505120.6	5409102.0
L5120.0	505120.6	5409103.4	11032.79981	315.08	103.24	48.834886	-86.930222	56140.86	56250.6	-0.55	56140.31	56139.39063	56144.85444	56144.80469	505120.6	5409103.4
L5120.0	505120.6	5409105.3	11032.90039	315.18	95.89	48.834903	-86.930222	56140.85	56250.6	-0.55	56140.30	56139.33984	56145.56542	56145.51172	505120.6	5409105.3
L5120.0	505120.6	5409105.3	11033.00000	313.72	95.89	48.834903	-86.930222	56140.78	56250.6	-0.55	56140.23	56139.22656	56145.02560	56144.97266	505120.6	5409105.3
L5120.0	505120.6	5409107.1	11033.09961	313.01	102.58	48.834919	-86.930222	56140.76	56250.6	-0.55	56140.21	56139.16406	56145.76811	56145.71094	505120.6	5409107.1
L5120.0	505120.6	5409108.5	11033.20020	313.00	102.73	48.834931	-86.930222	56140.71	56250.6	-0.55	56140.16	56139.07031	56145.97131	56145.91016	505120.6	5409108.5
L5120.0	505120.6	5409108.5	11033.29981	313.53	102.73	48.834931	-86.930222	56140.70	56250.6	-0.55	56140.15	56139.01953	56147.16827	56147.10547	505120.6	5409108.5
L5120.0	505120.6	5409110.0	11033.40039	313.44	102.42	48.834945	-86.930222	56140.61	56250.6	-0.55	56140.06	56138.88672	56146.79593	56146.72656	505120.6	5409110.0
L5120.0	505120.6	5409111.9	11033.50000	312.11	102.42	48.834962	-86.930222	56140.61	56250.6	-0.55	56140.06	56138.84375	56148.43189	56148.35547	505120.6	5409111.9
L5120.0	505120.6	5409113.5	11033.59961	311.72	98.72	48.834976	-86.930222	56140.50	56250.6	-0.55	56139.95	56138.69141	56147.97038	56147.88672	505120.6	5409113.5
L5120.0	505120.6	5409113.5	11033.70020	311.51	100.79	48.834976	-86.930222	56140.43	56250.6	-0.55	56139.88	56138.58203	56148.47973	56148.38672	505120.6	5409113.5
L5120.0	505120.6	5409114.8	11033.79981	310.97	100.79	48.834988	-86.930222	56140.22	56250.6	-0.55	56139.67	56138.33203	56146.45541	56146.35547	505120.6	5409114.8
L5120.0	505120.6	5409116.5	11033.90039	310.25	97.48	48.835003	-86.930222	56140.00	56250.6	-0.55	56139.45	56138.07031	56144.48216	56144.37109	505120.6	5409116.5
L5120.0	505120.6	5409117.8	11034.00000	311.93	97.48	48.835015	-86.930222	56139.74	56250.6	-0.55	56139.19	56137.76953	56141.99530	56141.87500	505120.6	5409117.8
L5120.0	505120.6	5409117.8	11034.00000	311.93	97.17	48.835015	-86.930222	56139.70	56250.6	-0.55	56139.14	56137.67969	56143.60209	56143.46875	505120.6	5409117.8
L5120.0	505120.6	5409119.2	11034.20020	309.79	97.17	48.835027	-86.930222	56139.48	56250.5	-0.54	56138.94	56137.43750	56142.61844	56142.47266	505120.6	5409119.2
L5120.0	505120.6	5409120.6	11034.29981	309.83	96.52	48.835040	-86.930222	56139.41	56250.5	-0.54	56138.87	56137.32813	56144.16225	56144.00000	505120.6	5409120.6
L5120.0	505120.6	5409120.6	11034.40039	311.34	96.66	48.835040	-86.930222	56139.22	56250.5	-0.54	56138.68	56137.10156	56143.71550	56143.53906	505120.6	5409120.6
L5120.0	505120.6	5409122.1	11034.50000	312.86	96.66	48.835054	-86.930222	56139.16	56250.5	-0.54	56138.63	56137.01172	56145.92188	56145.73047	505120.6	5409122.1
L5120.0	505120.6	5409123.5	11034.59961	312.36	97.4	48.835066	-86.930222	56138.98	56250.5	-0.53	56138.45	56136.79297	56145.99962	56145.78906	505120.6	5409123.5
L5120.0	505120.6	5409124.9	11034.70020	314.46	97.74	48.835079	-86.930222	56138.86	56250.5	-0.53	56138.33	56136.63281	56147.30759	56147.08203	505120.6	5409124.9
L5120.0	505120.6	5409124.9	11034.79981	313.99	97.67	48.835079	-86.930222	56138.57	56250.5	-0.53	56138.05	56136.31250	56146.01829	56145.77344	505120.6	5409124.9
L5120.0	505120.6	5409126.7	11034.90039	312.13	97.67	48.835095	-86.930222	56138.36	56250.5	-0.52	56137.84	56136.06641	56146.14444	56145.87891	505120.6	5409126.7
L5120.0	505120.6	5409128.3	11035.00000	310.04	96.84	48.835110	-86.930222	56138.00	56250.5	-0.52	56137.48	56135.66797	56143.86680	56143.57813	505120.6	5409128.3
L5120.0	505120.6	5409129.4	11035.09961	310.42	96.84	48.835119	-86.930222	56137.82	56250.5	-0.52	56137.30	56135.44922	56144.91568	56144.60547	505120.6	5409129.4
L5120.0	505120.6	5409129.4	11035.20020	308.88	95.38	48.835119	-86.930222	56137.46	56250.5	-0.52	56136.95	56135.06250	56143.20302	56142.87109	505120.6	5409129.4
L5120.0	505120.6	5409130.6	11035.29981	309.47	94.73	48.835130	-86.930221	56137.24	56250.5	-0.52	56136.72	56134.79688	56143.79676	56143.44141	505120.6	5409130.6
L5120.0	505120.6	5409132.0	11035.40039	310.14	94.73	48.835142	-86.930221	56136.81	56250.5	-0.52	56136.29	56134.32813	56141.04298	56140.66016	505120.6	5409132.0
L5120.0	505120.6	5409133.1	11035.50000	310.85	94.35	48.835153	-86.930221	56136.74	56250.5	-0.51	56136.23	56134.23047	56145.14633	56144.73828	505120.6	5409133.1
L5120.0	505120.6	5409134.5	11035.59961	308.99	94.35	48.835165	-86.930221	56136.22	56250.5	-0.51	56135.71	56133.67578	56141.12714	56140.69141	505120.6	5409134.5
L5120.0	505120.6	5409136.1	11035.70020	308.13	93.96	48.835180	-86.930221	56136.05	56250.5	-0.51	56135.53	56133.45703	56143.58387	56143.12109	505120.6	5409136.1
L5120.0	505120.6	5409136.1	11035.79981	309.12	93.26	48.835180	-86.930221	56135.60	56250.5	-0.51	56135.09	56132.98047	56141.39064	56140.89844	505120.6	5409136.1

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5120.0	505120.6	5409137.5	11035.90039	309.57	93.26	48.835192	-86.930221	56135.36	56250.5	-0.51	56134.85	56132.70703	56143.27425	56142.75391	505120.6	5409137.5
L5120.0	505120.6	5409139.8	11036.00000	311.14	88.33	48.835213	-86.930221	56134.91	56250.5	-0.51	56134.40	56132.21875	56141.27292	56140.72266	505120.6	5409139.8
L5120.0	505120.6	5409139.8	11036.00000	311.14	91.31	48.835213	-86.930221	56134.61	56250.5	-0.51	56134.10	56131.88281	56142.53290	56141.94922	505120.6	5409139.8
L5120.0	505120.6	5409141.0	11036.20020	313.26	91.31	48.835224	-86.930221	56134.20	56250.5	-0.51	56133.69	56131.43750	56141.79182	56141.17578	505120.6	5409141.0
L5120.0	505120.6	5409142.3	11036.29981	313.71	87.77	48.835236	-86.930221	56133.80	56250.5	-0.51	56133.28	56130.99219	56141.28639	56140.63672	505120.6	5409142.3
L5120.0	505120.6	5409143.7	11036.40039	313.51	87.77	48.835248	-86.930221	56133.35	56250.5	-0.51	56132.84	56130.51563	56140.36018	56139.67578	505120.6	5409143.7
L5120.0	505120.6	5409145.1	11036.50000	314.83	89.05	48.835261	-86.930221	56133.06	56250.5	-0.51	56132.55	56130.19141	56143.17595	56142.45703	505120.6	5409145.1
L5120.0	505120.6	5409146.7	11036.59961	315.12	89.05	48.835275	-86.930221	56132.56	56250.5	-0.52	56132.05	56129.65625	56141.41714	56140.66016	505120.6	5409146.7
L5120.0	505120.6	5409146.7	11036.70020	315.89	87.29	48.835275	-86.930221	56132.16	56250.5	-0.52	56131.64	56129.21094	56142.09544	56141.30469	505120.6	5409146.7
L5120.0	505120.6	5409148.3	11036.79981	318.38	87.53	48.835290	-86.930221	56131.65	56250.5	-0.52	56131.13	56128.66406	56140.57456	56139.74609	505120.6	5409148.3
L5120.0	505120.6	5409149.7	11036.90039	318.34	87.53	48.835302	-86.930221	56131.29	56250.5	-0.52	56130.77	56128.26953	56143.24764	56142.37891	505120.6	5409149.7
L5120.0	505120.6	5409151.3	11037.00000	320.24	87.54	48.835316	-86.930221	56130.71	56250.5	-0.52	56130.19	56127.65234	56142.37274	56141.46484	505120.6	5409151.3
L5120.0	505120.6	5409151.3	11037.09961	321.45	84.61	48.835316	-86.930221	56130.25	56250.5	-0.52	56129.74	56127.16797	56143.05191	56142.10156	505120.6	5409151.3
L5120.0	505120.6	5409152.9	11037.20020	319.92	84.61	48.835331	-86.930221	56129.66	56250.5	-0.52	56129.14	56126.53125	56141.17289	56140.18359	505120.6	5409152.9
L5120.0	505120.6	5409152.9	11037.29981	319.67	83.21	48.835331	-86.930221	56129.22	56250.5	-0.51	56128.71	56126.06641	56142.69409	56141.66016	505120.6	5409152.9
L5120.0	505120.6	5409154.3	11037.40039	320.62	83.21	48.835344	-86.930221	56128.72	56250.5	-0.51	56128.21	56125.53125	56143.14076	56142.06641	505120.6	5409154.3
L5120.0	505120.6	5409155.7	11037.50000	322.78	83.68	48.835356	-86.930221	56128.21	56250.5	-0.51	56127.70	56124.98438	56143.63911	56142.51953	505120.6	5409155.7
L5120.0	505120.6	5409157.3	11037.59961	322.68	83.37	48.835371	-86.930221	56127.63	56250.5	-0.51	56127.12	56124.36719	56142.98340	56141.82031	505120.6	5409157.3
L5120.0	505120.6	5409158.5	11037.70020	321.78	83.37	48.835382	-86.930221	56127.10	56250.5	-0.51	56126.60	56123.80859	56143.77923	56142.57031	505120.6	5409158.5
L5120.0	505120.6	5409158.5	11037.79981	323.77	81.31	48.835382	-86.930221	56126.48	56250.5	-0.50	56125.98	56123.15234	56142.78365	56141.53125	505120.6	5409158.5
L5120.0	505120.6	5409160.2	11037.90039	323.76	81.31	48.835396	-86.930221	56125.76	56250.5	-0.50	56125.26	56122.39453	56139.94700	56138.64844	505120.6	5409160.2
L5120.0	505120.6	5409161.3	11038.00000	323.25	83.78	48.835406	-86.930221	56125.18	56250.5	-0.50	56124.68	56121.77734	56140.26280	56138.91406	505120.6	5409161.3
L5120.0	505120.6	5409162.5	11038.00000	323.25	83.78	48.835417	-86.930221	56124.59	56250.5	-0.50	56124.09	56121.14844	56140.64288	56139.24609	505120.6	5409162.5
L5120.0	505120.6	5409163.8	11038.20020	322.91	83.09	48.835429	-86.930221	56123.91	56250.5	-0.50	56123.41	56120.43359	56139.39768	56137.95313	505120.6	5409163.8
L5120.0	505120.6	5409165.0	11038.29981	321.76	80.82	48.835439	-86.930221	56123.36	56250.5	-0.51	56122.85	56119.83203	56140.96821	56139.47656	505120.6	5409165.0
L5120.0	505120.6	5409166.1	11038.40039	322.20	80.82	48.835449	-86.930221	56122.64	56250.5	-0.51	56122.13	56119.07422	56139.42922	56137.88672	505120.6	5409166.1
L5120.0	505120.6	5409167.4	11038.50000	321.12	83.77	48.835462	-86.930221	56121.96	56250.5	-0.51	56121.46	56118.36328	56139.23578	56137.64453	505120.6	5409167.4
L5120.0	505120.6	5409168.6	11038.59961	321.69	83.77	48.835472	-86.930221	56121.21	56250.5	-0.51	56120.70	56117.56250	56137.42510	56135.78125	505120.6	5409168.6
L5120.0	505120.6	5409168.6	11038.70020	318.95	85.26	48.835472	-86.930221	56120.56	56250.5	-0.51	56120.05	56116.87109	56138.23679	56136.54297	505120.6	5409168.6
L5120.0	505120.6	5409170.2	11038.79981	318.89	85.26	48.835486	-86.930221	56119.71	56250.5	-0.52	56119.20	56115.98047	56135.13476	56133.39063	505120.6	5409170.2
L5120.0	505120.6	5409171.6	11038.90039	320.53	86.53	48.835499	-86.930220	56119.01	56250.5	-0.52	56118.49	56115.22656	56135.28537	56133.48828	505120.6	5409171.6
L5120.0	505120.6	5409173.0	11039.00000	320.02	87.83	48.835512	-86.930220	56118.21	56250.5	-0.52	56117.70	56114.39453	56134.07814	56132.22656	505120.6	5409173.0
L5120.0	505120.6	5409174.4	11039.09961	322.47	84.94	48.835524	-86.930220	56117.56	56250.5	-0.52	56117.04	56113.69141	56135.85588	56133.95313	505120.6	5409174.4
L5120.0	505120.6	5409174.4	11039.20020	321.57	84.94	48.835524	-86.930220	56116.52	56250.5	-0.52	56116.00	56112.60547	56130.20591	56128.25000	505120.6	5409174.4
L5120.0	505120.7	5409176.0	11039.29981	322.48	84.63	48.835538	-86.930220	56115.72	56250.5	-0.52	56115.20	56111.76172	56129.80096	56127.78906	505120.7	5409176.0
L5120.0	505120.7	5409177.1	11039.40039	322.10	84.63	48.835549	-86.930220	56114.86	56250.5	-0.52	56114.34	56110.85547	56128.54580	56126.48047	505120.7	5409177.1
L5120.0	505120.7	5409178.5	11039.50000	320.60	82.94	48.835561	-86.930220	56113.99	56250.5	-0.51	56113.48	56109.94922	56127.65522	56125.53516	505120.7	5409178.5
L5120.0	505120.7	5409179.7	11039.59961	320.78	86.72	48.835572	-86.930220	56113.08	56250.5	-0.51	56112.56	56108.98047	56125.97867	56123.80469	505120.7	5409179.7
L5120.0	505120.7	5409181.1	11039.70020	321.99	86.72	48.835584	-86.930220	56112.31	56250.5	-0.51	56111.79	56108.16406	56127.53815	56125.30859	505120.7	5409181.1
L5120.0	505120.7	5409182.2	11039.79981	320.05	86.72	48.835594	-86.930220	56111.29	56250.5	-0.51	56110.77	56107.09375	56124.74696	56122.46094	505120.7	5409182.2
L5120.0	505120.7	5409183.3	11039.90039	318.83	81.74	48.835604	-86.930220	56110.46	56250.5	-0.51	56109.95	56106.22266	56126.08768	56123.74609	505120.7	5409183.3
L5120.0	505120.7	5409183.3	11040.00000	317.81	82.86	48.835604	-86.930220	56109.54	56250.5	-0.51	56109.03	56105.25000	56125.95679	56123.55859	505120.7	5409183.3
L5120.0	505120.7	5409184.8	11040.00000	317.81	83.5	48.835617	-86.930220	56108.53	56250.5	-0.51	56108.02	56104.18750	56124.60191	56122.14844	505120.7	5409184.8
L5120.0	505120.7	5409186.3	11040.20020	316.47	83.5	48.835631	-86.930220	56107.52	56250.5	-0.51	56107.01	56103.12500	56123.68465	56121.17578	505120.7	5409186.3
L5120.0	505120.7	5409187.5	11040.29981	315.90	84.41	48.835642	-86.930220	56106.53	56250.5	-0.51	56106.02	56102.07813	56123.56409	56121.00000	505120.7	5409187.5
L5120.0	505120.7	5409189.0	11040.40039	316.34	84.41	48.835656	-86.930220	56105.44	56250.5	-0.51	56104.93	56100.93359	56122.12707	56119.50781	505120.7	5409189.0
L5120.0	505120.7	5409189.0	11040.50000	313.49	82.14	48.835656	-86.930220	56104.41	56250.5	-0.50	56103.91	56099.85547	56122.39742	56119.72266	505120.7	5409189.0
L5120.0	505120.7	5409190.2	11040.59961	315.00	82.14	48.835666	-86.930220	56103.24	56250.5	-0.50	56102.74	56098.62500	56120.52549	56117.79297	505120.7	5409190.2
L5120.0	505120.7	5409191.6	11040.70020	312.67	82.36	48.835679	-86.930219	56102.11	56250.5	-0.50	56101.60	56097.42578	56119.68851	56116.89844	505120.7	5409191.6
L5120.0	505120.7	5409192.7	11040.79981	314.24	81.08	48.835689	-86.930219	56100.77	56250.5	-0.50	56100.26	56096.02734	56115.87040	56113.02734	505120.7	5409192.7
L5120.0	505120.7	5409194.0	11040.90039	314.78	81.08	48.835701	-86.930219	56099.65	56250.5	-0.50	56099.15	56094.85156	56116.62192	56113.71875	505120.7	5409194.0
L5120.0	505120.7	5409195.3	11041.00000	316.51	81.17	48.835712	-86.930219	56098.42	56250.5	-0.50	56097.92	56093.55859	56115.82169	56112.86328	505120.7	5409195.3
L5120.0	505120.7	5409196.7	11041.09961	318.10	80.72	48.835725	-86.930219	56097.27	56250.5	-0.50	56096.77	56092.34375	56117.01655	56114.00391	505120.7	5409196.7
L5120.0	505120.8	5409198.0	11041.20020	319.11	80.72	48.835736	-86.930218	56096.02	56250.5	-0.50	56095.52	56091.02734	56117.03107	56113.96094	505120.8	5409198.0
L5120.0	505120.8	5409198.0	11041.29981	319.63	79.96	48.835736	-86.930218	56094.75	56250.5	-0.49	56094.25	56089.69141	56117.29401	56114.16797	505120.8	5409198.0
L5120.0	505120.8	5409199.6	11041.40039	319.31	79.96	48.835751	-86.930218	56093.33	56250.5	-0.49	56092.84	56088.21094	56115.62444	56112.44531	505120.8	5409199.6
L5120.0	505120.8	5409201.4	11041.50000	319.91	79.76	48.835767	-86.930218	56092.02	56250.5	-0.49	56091.53	56086.82813	56116.40472	56113.16797	505120.8	5409201.4
L5120.0	505120.8	5409202.4	11041.59961	319.06	79.76	48.835776	-86.930218	56090.62	56250.5	-0.49	56090.13	56085.35547	56116.16828	56112.87891	505120.8	5409202.4
L5120.0	505120.8	5409203.9	11041.70020	320.98	81.29	48.835789	-86.930218	56089.23	56250.5	-0.49	56088.75	56083.90234	56116.95556	56113.60938	505120.8	5409203.9
L5120.0	505120.8	5409205.5	11041.79981	320.54	81.29	48.835804	-86.930217	56087.64	56250.5	-0.48	56087.15	56082.22656	56114.26805	56110.86719	505120.8	5409205.5
L5120.0	505120.8	5409205.5	11041.90039	320.35	79.98	48.835804	-86.930217	56086.22	56250.5	-0.48	56085.74	56080.73828	56115.81694	56112.36328	505120.8	5409205.5
L5120.0	505120.8	5409206.7	11042.00000	319.97	79.98	48.835815	-86.930217	56084.45	56250.5	-0.48	56083.97	56078.89063	56111.22319	56107.71484	505120.8	5409206.7
L5120.0	505120.8	5409208.3	11042.00000	319.97	79.79	48.835829	-86.930217	56082.75	56250.5	-0.48	56082.27	56077.10938	56108.62732	56105.06641	505120.8	5409208.3
L5120.0	505120.8	5409208.3	11042.20020	323.96	79.78	48.835829	-86.930217	56080.98	56250.5	-0.48	56080.49	56075.25000	56105.20765	56101.59375	505120.8	5409208.3
L5120.0	505120.8	5409209.7	11042.29981	322.13	79.78	48.835842	-86.930217	56079.40	56250.5	-0.49	56078.91	56073.58594	56106.29116	56102.62500	505120.8	5409209.7
L5120.0	505120.8	5409211.1	11042.40039	321.33	77.72	48.835854	-86.930218	56077.62	56250.5	-0.49	56077.13	56071.71875	56104.31086	56100.59375	505120.8	5409211.1
L5120.0	505120.8	5409212.7	11042.50000	321.40	77.72	48.835869	-86.930218	56075.83	56250.5	-0.49	56075.34	56069.84375	56102.88696	56099.11719	505120.8	5409212.7
L5120.0	505120.8	5409212.7	11042.59961	321.02	77.93	48.835869	-86.930218	56073.85	56250.5	-0.49	56073.36	56067.77344	56098.67207	56094.85156	505120.8	5409212.7
L5120.0	505120.8	5409214.1	11042.70020	319.08	77.93	48.835881	-86.930218	56072.01	56250.5	-0.49	56071.51	56065.83594	56097.68041	56093.80859	505120.8	5409214.1
L5120.0	505120.8	5409215.7	11042.79981	317.76	75.06	48.835896	-86.930218	56070.03	56250.5	-0.50	56069.53	56063.76172	56095.07117	56091.14844	505120.8	5409215.7
L5120.0	505120.8	5409215.7	11042.90039	316.89	75.59	48.835896	-86.930218	56068.08	56250.5	-0.50	56067.58	56061.71875	56093.83186	56089.85938	505120.8	5409215.7
L5120.0	505120.8	5409217.3	11043.00000	316.66	75.39	48.835910	-86.930218	56066.12	56250.5	-0.50	56065.62	56059.66406	56093.22899	56089.20703	505120.8	5409217.3
L5120.0	505120.8	5409218.8	11043.09961	316.58	75.39	48.835923	-86.930218	56063.96	56250.5	-0.50	56063.46	56057.40625	56089.79446	56085.72656	505120.8	5409218.8
L5120.0	505120.7	5409220.1	11043.20020	316.40	74.5	48.835936	-86.930218	56061.84	56250.5	-0.49	56061.34	56055.18750	56087.94872	56083.83203	505120.7	5409220.1
L5120.0	505120.7	5409221.4	11043.29981	316.61	74.5	48.835947	-86.930218	56059.74	56250.5	-0.49	56059.25	56052.99609	56087.51748	56083.35547	505120.7	5409221.4
L5120.0	505120.7	5409222.5	11043.40039	317.54	74.75	48.835957	-86.930219	56057.59	56250.5	-0.49	56057.10	56050.74609	56086.87125	56082.66406	505120.7	5409222.5
L5120.0	505120.7	5409222.5	11043.50000	317.28	74.75	48.835957	-86.930219	56055.36	56250.5	-0.49	56054.88	56048.42188	56085.84275	56081.58984	505120.7	5409222.5
L5120.0	505120.7	5409224.1	11043.59961	317.07	75.48	48.835972	-86.930219	56052.86	56250.5	-0.48	56052.37	56045.80469	56080.36004	56076.06250	505120.7	5409224.1
L5120.0	505120.7	5409225.0	11043.70020	319.46	75.07	48.835980	-86.930219	56050.51	56250.5	-0.48	56050.03	56043.35938	56078.92663	56074.58594	505120.7	5409225.0
L5120.0	505120.7	5409226.6	11043.79981	318.62	75.07	48.835994	-86.930219	56047.92	56250.5	-0.48	56047.45	56040.66797	56073.90578	56069.51953	505120.7	5409226.6
L5120.0	505120.7	5409228.1	11043.90039	319.19	71.89	48.836007	-86.930219	56045.42	56250.5	-0.47	56044.95	56038.05859	56071.28589	56066.85938	505120.7	5409228.1
L5120.0	505120.7	5409228.1	11044.00000	321.81	64.19	48.836007	-86.930219	56042.74	56250.5	-0.47	56042.27	56035.26563	56066.10233	56061.63281	505120.7	5409228.1
L5120.0	505120.7	5409229.6	11044.00000	321.81	64.19	48.836021	-86.930219	56040.14	56250.5	-0.47	56039.67	56032.55078	56063.33662	56058.82813	505120.7	5409229.6
L5120.0	505120.7	5409230.6	11044.20020	319.05	68.21	48.836030	-86.930219	56037.45	56250.5	-0.47	56036.99	56029.75781	56059.89234	56055.34375	505120.7	5409230.6
L5120.0	505120.6	5409232.2	11044.29981	318.13	68.21	48.836045	-86.930220	56034.75	56250.5	-0.46	56034.28	56026.92969	56056.73709	56052.14844	505120.6	5409232.2
L5120.0	505120.6	5409233.6	11044.40039	319.59	64.05	48.836056	-86.930220	56031.89	56250.5	-0.46	56031.43	56023.96094	56051.62796	56047.00391	505120.6	5409233.6
L5120.0	505120.6	5409233.6	11044.50000	321.17	71.56	48.836056	-86.930220	56029.16	56250.5	-0.46	56028.70	56021.10938	56049.85567	56045.19531	505120.6	5409233.6
L5120.0	505120.6	5409235.1	11044.59961	322.53	71.56	48.836070	-86.930220	56026.15	56250.5	-0.46	56025.69	56017.98047	56043.19088	56038.49219	505120.6	5409235.1
L5120.0	505120.6	5409236.3	11044.70020	323.19	72.73	48.836081	-86.930220	56023.26	56250.5	-0.46	56022.81	56014.97656	56040.10735	56035.37500	505120.6	5409236.3
L5120.0	505120.6	5409237.6	11044.79981	322.83	72.73	48.836093	-86.930220	56020.23	56250.5	-0.45	56019.77	56011.81250	56034.56628	56029.80078	505120.6	5409237.6
L5120.0	505120.6	5409238.9	11044.90039	323.36	70	48.836104	-86.930220	56017.29	56250.5	-0.45	56016.84	56008.75391	56032.24210	56027.44531	505120.6	5409238.9
L5120.0	505120.6	5409240.2	11045.00000	324.18	68.16	48.836116	-86.930221	56014.21	56250.4	-0.45	56013.76	56005.54688	56027.66058	56022.83203	505120.6	5409240.2
L5120.0	505120.6	5409240.2	11045.09961	326.02	68.13	48.836116	-86.930221	56011.12	56250.4	-0.45	56010.67	56002.32813	56023.77093	56018.91016	505120.6	5409240.2

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5120.0	505120.5	5409242.0	11045.20020	325.24	68.13	48.836132	-86.930221	56007.88	56250.4	-0.45	56007.43	55998.95703	56017.62652	56012.73828	505120.5	5409242.0
L5120.0	505120.5	5409242.8	11045.29981	324.52	69.97	48.836139	-86.930221	56004.62	56250.4	-0.45	56004.17	55995.56641	56011.97145	56007.05469	505120.5	5409242.8
L5120.0	505120.5	5409244.3	11045.40039	323.08	68.08	48.836153	-86.930221	56001.28	56250.4	-0.45	56000.83	55992.09375	56005.55517	56000.61328	505120.5	5409244.3
L5120.0	505120.5	5409245.7	11045.50000	322.10	68.08	48.836166	-86.930221	55997.94	56250.4	-0.45	55997.49	55988.61719	56000.03815	55995.07031	505120.5	5409245.7
L5120.0	505120.5	5409247.1	11045.59961	322.06	67.88	48.836178	-86.930221	55994.53	56250.4	-0.45	55994.08	55985.07031	55993.96991	55988.98047	505120.5	5409247.1
L5120.0	505120.5	5409248.3	11045.70020	320.62	69.16	48.836189	-86.930221	55991.14	56250.4	-0.45	55990.69	55981.54688	55989.16768	55984.15625	505120.5	5409248.3
L5120.0	505120.5	5409248.3	11045.79981	322.01	61.24	48.836189	-86.930221	55987.65	56250.4	-0.45	55987.20	55977.91797	55983.19585	55978.16406	505120.5	5409248.3
L5120.0	505120.5	5409249.7	11045.90039	320.20	61.24	48.836201	-86.930221	55984.18	56250.4	-0.45	55983.73	55974.30859	55978.42932	55973.37500	505120.5	5409249.7
L5120.0	505120.5	5409251.0	11046.00000	318.77	61.08	48.836214	-86.930221	55980.62	56250.4	-0.45	55980.17	55970.60938	55972.67921	55967.60938	505120.5	5409251.0
L5120.0	505120.5	5409252.2	11046.00000	318.77	64.64	48.836224	-86.930221	55977.07	56250.4	-0.45	55976.62	55966.91797	55967.86318	55962.77344	505120.5	5409252.2
L5120.0	505120.5	5409253.7	11046.20020	316.83	64.64	48.836238	-86.930221	55973.28	56250.5	-0.46	55972.82	55962.97656	55959.04206	55953.93750	505120.5	5409253.7
L5120.0	505120.5	5409254.9	11046.29981	317.75	70.58	48.836249	-86.930221	55969.48	56250.5	-0.46	55969.02	55959.03516	55950.96928	55945.85156	505120.5	5409254.9
L5120.0	505120.5	5409254.9	11046.40039	317.10	70.58	48.836249	-86.930221	55965.74	56250.5	-0.46	55965.28	55955.14844	55944.67238	55939.54297	505120.5	5409254.9
L5120.0	505120.5	5409256.3	11046.50000	314.36	56.54	48.836261	-86.930221	55961.97	56250.5	-0.46	55961.51	55951.23438	55938.41872	55933.28125	505120.5	5409256.3
L5120.0	505120.5	5409257.7	11046.59961	315.21	58.2	48.836273	-86.930221	55958.25	56250.5	-0.47	55957.79	55947.37109	55933.59028	55928.44141	505120.5	5409257.7
L5120.0	505120.5	5409259.3	11046.70020	316.74	58.2	48.836288	-86.930221	55954.43	56250.5	-0.47	55953.96	55943.39453	55927.26481	55922.10938	505120.5	5409259.3
L5120.0	505120.5	5409259.3	11046.79981	317.12	68.46	48.836288	-86.930221	55950.67	56250.5	-0.47	55950.19	55939.48047	55922.41734	55917.25781	505120.5	5409259.3
L5120.0	505120.5	5409261.4	11046.90039	317.23	68.46	48.836307	-86.930221	55946.70	56250.5	-0.48	55946.22	55935.36328	55914.42948	55909.26563	505120.5	5409261.4
L5120.0	505120.5	5409262.8	11047.00000	316.84	54.18	48.836319	-86.930221	55942.85	56250.5	-0.48	55942.37	55931.36719	55908.87188	55903.70703	505120.5	5409262.8
L5120.0	505120.5	5409264.4	11047.09961	317.82	54.18	48.836334	-86.930221	55938.75	56250.5	-0.48	55938.27	55927.12109	55892.09066	55886.92578	505120.5	5409264.4
L5120.0	505120.5	5409264.4	11047.20020	320.20	55.26	48.836334	-86.930221	55934.96	56250.5	-0.48	55934.48	55923.18359	55889.25898	55884.09375	505120.5	5409264.4
L5120.0	505120.5	5409265.8	11047.29981	319.75	57.72	48.836346	-86.930221	55930.98	56250.5	-0.48	55930.51	55919.06250	55881.98376	55876.82422	505120.5	5409265.8
L5120.0	505120.5	5409267.5	11047.40039	319.39	57.72	48.836361	-86.930221	55927.07	56250.5	-0.48	55926.59	55914.99609	55876.24766	55871.09375	505120.5	5409267.5
L5120.0	505120.5	5409267.5	11047.50000	320.58	64.8	48.836361	-86.930221	55922.99	56250.5	-0.48	55922.52	55910.77734	55866.73102	55861.58203	505120.5	5409267.5
L5120.0	505120.5	5409268.6	11047.59961	317.92	67.25	48.836371	-86.930221	55919.27	56250.5	-0.47	55918.80	55906.91016	55866.50852	55861.36719	505120.5	5409268.6
L5120.0	505120.5	5409269.9	11047.70020	317.92	67.25	48.836384	-86.930221	55915.25	56250.5	-0.47	55914.78	55902.74219	55858.42565	55853.29688	505120.5	5409269.9
L5120.0	505120.5	5409271.8	11047.79981	317.74	66.11	48.836401	-86.930221	55911.28	56250.5	-0.47	55910.81	55898.62500	55856.92880	55851.81250	505120.5	5409271.8
L5120.0	505120.5	5409271.8	11047.90039	317.35	66.84	48.836401	-86.930221	55907.16	56250.5	-0.47	55906.69	55894.35938	55847.32715	55842.22656	505120.5	5409271.8
L5120.0	505120.5	5409273.9	11048.00000	316.79	66.84	48.836419	-86.930221	55903.29	56250.5	-0.47	55902.82	55890.33984	55841.86214	55836.77734	505120.5	5409273.9
L5120.0	505120.5	5409275.1	11048.00000	316.79	63.68	48.836430	-86.930221	55899.24	56250.5	-0.47	55898.77	55886.14453	55832.95589	55827.89063	505120.5	5409275.1
L5120.0	505120.5	5409276.4	11048.20020	316.88	62.25	48.836442	-86.930220	55895.50	56250.5	-0.46	55895.04	55882.26563	55829.27149	55824.22656	505120.5	5409276.4
L5120.0	505120.5	5409276.4	11048.29981	317.83	61.94	48.836442	-86.930220	55891.32	56250.5	-0.46	55890.87	55877.95313	55817.40749	55812.38281	505120.5	5409276.4
L5120.0	505120.5	5409278.3	11048.40039	316.77	61.94	48.836459	-86.930220	55887.40	56250.4	-0.45	55886.95	55873.88672	55809.37216	55804.37500	505120.5	5409278.3
L5120.0	505120.6	5409279.5	11048.50000	318.12	60.85	48.836469	-86.930220	55883.51	56250.4	-0.44	55883.07	55869.85938	55801.40106	55796.42969	505120.6	5409279.5
L5120.0	505120.6	5409280.7	11048.59961	319.23	60.85	48.836480	-86.930220	55879.76	56250.4	-0.44	55879.32	55865.96875	55794.99276	55790.04688	505120.6	5409280.7
L5120.0	505120.6	5409280.7	11048.70020	318.24	62.15	48.836480	-86.930220	55875.82	56250.4	-0.43	55875.39	55861.89453	55784.54987	55779.63672	505120.6	5409280.7
L5120.0	505120.6	5409282.2	11048.79981	317.21	59.19	48.836494	-86.930220	55872.00	56250.4	-0.43	55871.57	55857.93359	55775.10113	55770.22266	505120.6	5409282.2
L5120.0	505120.6	5409283.5	11048.90039	317.94	59.19	48.836506	-86.930220	55868.26	56250.4	-0.42	55867.83	55854.05078	55766.01251	55761.16797	505120.6	5409283.5
L5120.0	505120.6	5409284.9	11049.00000	317.88	64.64	48.836518	-86.930220	55864.59	56250.4	-0.42	55864.17	55850.25000	55757.17844	55752.37109	505120.6	5409284.9
L5120.0	505120.6	5409286.3	11049.09961	317.90	64.87	48.836531	-86.930219	55860.94	56250.4	-0.42	55860.52	55846.46094	55747.23005	55742.46094	505120.6	5409286.3
L5120.0	505120.6	5409286.3	11049.20020	317.95	59.47	48.836531	-86.930219	55857.43	56250.4	-0.42	55857.00	55842.80469	55738.23559	55733.50781	505120.6	5409286.3
L5120.0	505120.6	5409288.0	11049.29981	318.73	59.47	48.836546	-86.930219	55853.84	56250.4	-0.43	55853.41	55839.07813	55726.44371	55721.75781	505120.6	5409288.0
L5120.0	505120.6	5409288.0	11049.40039	319.40	60.46	48.836546	-86.930219	55850.45	56250.4	-0.43	55850.02	55835.55469	55716.68570	55712.04688	505120.6	5409288.0
L5120.0	505120.7	5409291.0	11049.50000	318.82	60.03	48.836573	-86.930219	55847.08	56250.4	-0.43	55846.65	55832.05078	55705.55194	55700.96094	505120.7	5409291.0
L5120.0	505120.7	5409291.0	11049.59961	319.10	58.65	48.836573	-86.930219	55843.77	56250.4	-0.43	55843.34	55828.60547	55693.66072	55689.11719	505120.7	5409291.0
L5120.0	505120.7	5409292.4	11049.70020	320.68	58.65	48.836586	-86.930218	55840.66	56250.4	-0.43	55840.23	55825.36719	55683.52873	55679.03516	505120.7	5409292.4
L5120.0	505120.7	5409293.8	11049.79981	322.15	57.79	48.836598	-86.930218	55837.52	56250.4	-0.44	55837.08	55822.08594	55670.55149	55666.11328	505120.7	5409293.8
L5120.0	505120.7	5409295.2	11049.90039	321.00	59.75	48.836611	-86.930218	55834.56	56250.4	-0.44	55834.13	55819.01172	55659.16605	55654.78516	505120.7	5409295.2
L5120.0	505120.7	5409296.3	11050.00000	320.08	59.75	48.836621	-86.930217	55831.78	56250.4	-0.44	55831.34	55816.09375	55648.55545	55644.23047	505120.7	5409296.3
L5120.0	505120.8	5409297.5	11050.00000	320.08	60.94	48.836631	-86.930217	55829.00	56250.4	-0.44	55828.56	55813.19141	55635.76733	55631.50000	505120.8	5409297.5
L5120.0	505120.8	5409298.9	11050.20020	320.47	60	48.836644	-86.930217	55826.42	56250.4	-0.44	55825.98	55810.48828	55624.36120	55620.15625	505120.8	5409298.9
L5120.0	505120.8	5409299.8	11050.29981	320.65	56.85	48.836652	-86.930217	55823.96	56250.4	-0.44	55823.52	55807.91016	55612.72393	55608.58203	505120.8	5409299.8
L5120.0	505120.8	5409301.2	11050.40039	320.82	56.85	48.836665	-86.930216	55821.66	56250.4	-0.44	55821.23	55805.50000	55601.75143	55597.67578	505120.8	5409301.2
L5120.0	505120.8	5409301.2	11050.50000	320.38	60.69	48.836665	-86.930216	55819.44	56250.4	-0.44	55819.00	55803.15625	55589.22626	55585.21875	505120.8	5409301.2
L5120.0	505120.9	5409302.4	11050.59961	319.03	60.91	48.836676	-86.930216	55817.52	56250.4	-0.43	55817.08	55801.12109	55579.95338	55576.01563	505120.9	5409302.4
L5120.0	505120.9	5409303.6	11050.70020	321.47	60.85	48.836686	-86.930216	55815.74	56250.4	-0.43	55815.31	55799.24219	55570.73296	55566.86328	505120.9	5409303.6
L5120.0	505120.9	5409304.7	11050.79981	320.57	60.7	48.836697	-86.930216	55814.02	56250.4	-0.43	55813.59	55797.41016	55559.52429	55555.73047	505120.9	5409304.7
L5120.0	505120.9	5409306.1	11050.90039	320.85	60.7	48.836709	-86.930215	55812.61	56250.4	-0.43	55812.18	55795.89453	55551.32410	55547.60547	505120.9	5409306.1
L5120.0	505120.9	5409307.5	11051.00000	320.59	60.09	48.836721	-86.930215	55811.37	56250.4	-0.43	55810.94	55794.55078	55543.30962	55539.66406	505120.9	5409307.5
L5120.0	505120.9	5409308.6	11051.09961	319.26	60.09	48.836732	-86.930215	55810.34	56250.4	-0.43	55809.91	55793.41797	55536.17317	55532.60547	505120.9	5409308.6
L5120.0	505120.9	5409309.8	11051.20020	319.86	57.14	48.836743	-86.930215	55809.46	56250.4	-0.42	55809.04	55792.44922	55528.85405	55525.36719	505120.9	5409309.8
L5120.0	505120.9	5409311.2	11051.29981	320.22	59.34	48.836755	-86.930215	55808.91	56250.4	-0.42	55808.49	55791.80078	55524.37131	55520.96484	505120.9	5409311.2
L5120.0	505120.9	5409312.6	11051.40039	321.39	59.34	48.836767	-86.930215	55808.51	56250.4	-0.42	55808.09	55791.30859	55519.34757	55516.02344	505120.9	5409312.6
L5120.0	505120.9	5409312.6	11051.50000	321.77	56.18	48.836767	-86.930215	55808.43	56250.4	-0.42	55808.02	55791.14453	55517.18944	55513.94922	505120.9	5409312.6
L5120.0	505120.9	5409314.4	11051.59961	320.98	56.18	48.836784	-86.930215	55808.48	56250.4	-0.41	55808.07	55791.10547	55513.77112	55510.61719	505120.9	5409314.4
L5120.0	505120.9	5409315.7	11051.70020	320.30	56.68	48.836795	-86.930215	55808.89	56250.4	-0.41	55808.48	55791.42969	55513.61738	55510.55078	505120.9	5409315.7
L5120.0	505120.9	5409317.1	11051.79981	319.88	56.43	48.836808	-86.930215	55809.30	56250.4	-0.41	55808.89	55791.75391	55509.77551	55506.79688	505120.9	5409317.1
L5120.0	505120.9	5409317.1	11051.90039	318.61	56.43	48.836808	-86.930215	55810.13	56250.4	-0.40	55809.72	55792.50391	55510.21255	55507.32422	505120.9	5409317.1
L5120.0	505120.9	5409318.5	11052.00000	317.75	57.24	48.836820	-86.930215	55811.16	56250.4	-0.40	55810.76	55793.46484	55510.87700	55508.07813	505120.9	5409318.5
L5120.0	505120.9	5409319.9	11052.00000	317.75	57.24	48.836833	-86.930215	55812.58	56250.4	-0.40	55812.18	55794.80859	55514.96848	55512.26172	505120.9	5409319.9
L5120.0	505120.9	5409320.8	11052.20020	316.84	57.24	48.836841	-86.930215	55814.10	56250.4	-0.41	55813.69	55796.24609	55516.98872	55514.37500	505120.9	5409320.8
L5120.0	505120.9	5409322.0	11052.29981	318.19	55.91	48.836852	-86.930215	55815.95	56250.4	-0.41	55815.54	55798.02734	55521.67783	55519.16016	505120.9	5409322.0
L5120.0	505120.9	5409323.1	11052.40039	318.27	56.58	48.836862	-86.930215	55817.87	56250.4	-0.41	55817.45	55799.87109	55523.76999	55521.34766	505120.9	5409323.1
L5120.0	505120.9	5409324.7	11052.50000	319.35	56.86	48.836877	-86.930215	55820.27	56250.4	-0.42	55819.85	55802.20313	55531.40012	55529.07031	505120.9	5409324.7
L5120.0	505120.9	5409326.1	11052.59961	320.25	56.8	48.836889	-86.930215	55822.63	56250.4	-0.42	55822.21	55804.50391	55534.61101	55532.37891	505120.9	5409326.1
L5120.0	505120.9	5409326.1	11052.70020	320.96	56.8	48.836889	-86.930215	55825.54	56250.4	-0.42	55825.11	55807.34375	55544.38909	55542.25391	505120.9	5409326.1
L5120.0	505120.9	5409327.5	11052.79981	320.39	49.11	48.836901	-86.930215	55828.32	56250.4	-0.42	55827.89	55810.06641	55548.35369	55546.31641	505120.9	5409327.5
L5120.0	505120.9	5409328.6	11052.90039	321.08	49.11	48.836912	-86.930215	55831.63	56250.4	-0.43	55831.20	55813.32422	55558.87528	55556.93359	505120.9	5409328.6
L5120.0	505120.9	5409330.5	11053.00000	319.13	49.11	48.836928	-86.930215	55834.92	56250.4	-0.43	55834.49	55816.56250	55565.66627	55563.82422	505120.9	5409330.5
L5120.0	505120.9	5409330.5	11053.09961	319.31	49.92	48.836928	-86.930215	55838.66	56250.4	-0.43	55838.23	55820.25391	55577.74791	55576.00391	505120.9	5409330.5
L5120.0	505120.9	5409332.0	11053.20020	319.14	49.91	48.836942	-86.930215	55842.45	56250.4	-0.42	55842.03	55824.00781	55587.83770	55586.19141	505120.9	5409332.0
L5120.0	505120.9	5409333.2	11053.29981	320.96	54.01	48.836953	-86.930215	55846.55	56250.4	-0.42	55846.13	55828.06641	55600.62878	55599.08203	505120.9	5409333.2
L5120.0	505120.9	5409334.4	11053.40039	320.28	54.01	48.836963	-86.930215	55850.78	56250.4	-0.42	55850.36	55832.25391	55613.00686	55611.55859	505120.9	5409334.4
L5120.0	505120.9	5409335.7	11053.50000	319.36	54.47	48.836975	-86.930215	55855.28	56250.4	-0.42	55854.86	55836.71875	55627.77556	55626.42578	505120.9	5409335.7
L5120.0	505120.9	5409336.9	11053.59961	318.92	54.33	48.836986	-86.930215	55859.71	56250.4	-0.41	55859.29	55841.11328	55638.54665	55637.29297	505120.9	5409336.9
L5120.0	505120.9	5409338.3	11053.70020	321.18	54.33	48.836998	-86.930215	55864.46	56250.4	-0.41	55864.05	55845.83984	55653.11198	55651.95703	505120.9	5409338.3
L5120.0	505120.9	5409338.3	11053.79981	319.71	54.31	48.836998	-86.930215	55869.27	56250.4	-0.41	55868.86	55850.62109	55666.22266	55665.16406	505120.9	5409338.3
L5120.0	505120.9	5409339.7	11053.90039	316.94	54.31	48.837011	-86.930215	55874.48	56250.4	-0.40	55874.07	55855.80469	55684.72875	55683.76563	505120.9	5409339.7
L5120.0	505120.9	5409341.0	11054.00000	317.64	53.51	48.837023	-86.930214	55879.52	56250.4	-0.40	55879.12	55860.82813	55697.98588	55697.11719	505120.9	5409341.0
L5120.0	505120.9	5409342.2	11054.00000	317.64	55.31	48.837033	-86.930214	55884.88	56250.4	-0.40	55884.47	55866.15625	55714.96227	55714.18750	505120.9	5409342.2
L5120.0	505120.9	5409343.4	11054.20020	320.08	55.17	48.837044	-86.930214	55890.18	56250.4	-0.40	55889.79	55871.45703	55729.43477	55728.75391	505120.9	5409343.4
L5120.0	505121.0	5409344.7	11054.29981	320.31	55.17	48.837056	-86.930214	55895.83	56250.4	-0.40	55895.43	55877.07813	55748.25407	55747.66406	505121.0	5409344.7
L5120.0	505121.0	5409345.9	11054.40039	320.78	57.7	48.837067	-86.930213	55901.29	56250.4	-0.40	55900.89	55882.52344	55761.94591	55761.44531	505121.0	5409345.9

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5120.0	505121.0	5409347.3	11054.50000	318.78	58.34	48.837079	-86.930213	55907.16	56250.4	-0.40	55906.76	55888.37891	55781.95394	55781.54297	505121.0	5409347.3
L5120.0	505121.0	5409347.3	11054.59961	319.77	57.36	48.837079	-86.930213	55912.65	56250.4	-0.39	55912.25	55893.85547	55793.28362	55792.95703	505121.0	5409347.3
L5120.0	505121.1	5409348.7	11054.70020	319.87	57.36	48.837092	-86.930213	55918.54	56250.4	-0.39	55918.15	55899.74609	55811.16509	55810.92578	505121.1	5409348.7
L5120.0	505121.1	5409350.3	11054.79981	320.07	57.07	48.837106	-86.930212	55924.28	56250.4	-0.39	55923.89	55905.48047	55824.85249	55824.69531	505121.1	5409350.3
L5120.0	505121.1	5409351.3	11054.90039	319.73	57.07	48.837116	-86.930212	55930.28	56250.4	-0.39	55929.89	55911.47266	55842.47166	55842.39453	505121.1	5409351.3
L5120.0	505121.1	5409352.8	11055.00000	319.36	56.62	48.837129	-86.930212	55936.07	56250.4	-0.39	55935.68	55917.25781	55855.24382	55855.24609	505121.1	5409352.8
L5120.0	505121.1	5409354.0	11055.09961	318.22	53.5	48.837140	-86.930211	55942.24	56250.4	-0.39	55941.85	55923.42578	55874.46891	55874.54688	505121.1	5409354.0
L5120.0	505121.1	5409354.0	11055.20020	318.73	56.13	48.837140	-86.930211	55948.14	56250.4	-0.39	55947.75	55929.32422	55888.00878	55888.16406	505121.1	5409354.0
L5120.0	505121.2	5409355.6	11055.29981	318.94	55.23	48.837154	-86.930211	55954.18	56250.4	-0.40	55953.79	55935.36328	55903.73386	55903.95703	505121.2	5409355.6
L5120.0	505121.2	5409357.0	11055.40039	318.54	56.46	48.837167	-86.930211	55960.23	56250.4	-0.40	55959.83	55941.40234	55919.14104	55919.43359	505121.2	5409357.0
L5120.0	505121.2	5409357.0	11055.50000	318.54	56.46	48.837167	-86.930211	55966.20	56250.4	-0.40	55965.80	55947.37500	55933.05602	55933.41406	505121.2	5409357.0
L5120.0	505121.2	5409359.6	11055.59961	318.92	57.19	48.837190	-86.930210	55972.22	56250.4	-0.40	55971.82	55953.39844	55947.85390	55948.27344	505121.2	5409359.6
L5120.0	505121.2	5409360.1	11055.70020	319.15	57.36	48.837195	-86.930210	55978.11	56250.4	-0.40	55977.71	55959.29297	55960.30174	55960.78125	505121.2	5409360.1
L5120.0	505121.2	5409361.4	11055.79981	317.11	57.04	48.837207	-86.930210	55984.06	56250.4	-0.41	55983.65	55965.23828	55973.87718	55974.41406	505121.2	5409361.4
L5120.0	505121.2	5409362.8	11055.90039	318.19	57.32	48.837219	-86.930210	55989.95	56250.4	-0.41	55989.54	55971.13281	55986.83279	55987.42188	505121.2	5409362.8
L5120.0	505121.2	5409362.8	11056.00000	318.96	57.32	48.837219	-86.930210	55995.76	56250.4	-0.41	55995.35	55976.94922	55998.72393	55999.35938	505121.2	5409362.8
L5120.0	505121.3	5409365.5	11056.00000	318.96	48.88	48.837243	-86.930209	56001.48	56250.4	-0.41	56001.07	55982.67578	56009.47267	56010.15234	505121.3	5409365.5
L5120.0	505121.3	5409365.5	11056.20020	316.59	48.88	48.837243	-86.930209	56007.25	56250.4	-0.41	56006.84	55988.45313	56021.76847	56022.48828	505121.3	5409365.5
L5120.0	505121.3	5409367.8	11056.29981	318.38	42.79	48.837264	-86.930209	56012.79	56250.4	-0.40	56012.38	55993.99609	56030.52491	56031.28125	505121.3	5409367.8
L5120.0	505121.3	5409367.8	11056.40039	320.06	42.79	48.837264	-86.930209	56018.53	56250.4	-0.40	56018.13	55999.75391	56043.95223	56044.73828	505121.3	5409367.8
L5120.0	505121.3	5409369.2	11056.50000	318.78	50.76	48.837277	-86.930209	56023.97	56250.4	-0.40	56023.57	56005.19922	56052.53178	56053.34766	505121.3	5409369.2
L5120.0	505121.3	5409370.8	11056.59961	320.60	50.48	48.837291	-86.930208	56029.54	56250.4	-0.40	56029.14	56010.77734	56064.44253	56065.28125	505121.3	5409370.8
L5120.0	505121.4	5409372.3	11056.70020	320.18	52.66	48.837304	-86.930208	56034.72	56250.4	-0.40	56034.32	56015.96094	56070.18684	56071.04297	505121.4	5409372.3
L5120.0	505121.4	5409372.3	11056.79981	317.15	47.57	48.837304	-86.930208	56040.01	56250.4	-0.39	56039.61	56021.25781	56079.01029	56079.87891	505121.4	5409372.3
L5120.0	505121.4	5409373.7	11056.90039	316.80	47.57	48.837317	-86.930208	56045.17	56250.4	-0.39	56044.78	56026.42969	56086.74210	56087.61719	505121.4	5409373.7
L5120.0	505121.4	5409375.1	11057.00000	317.46	50.5	48.837329	-86.930208	56050.35	56250.4	-0.39	56049.96	56031.61328	56095.80083	56096.67969	505121.4	5409375.1
L5120.0	505121.4	5409376.2	11057.09961	317.95	49.87	48.837340	-86.930207	56055.32	56250.4	-0.39	56054.93	56036.58594	56102.22218	56103.09766	505121.4	5409376.2
L5120.0	505121.4	5409377.4	11057.20020	319.68	50.29	48.837350	-86.930207	56060.27	56250.4	-0.39	56059.88	56041.53516	56109.50028	56110.36719	505121.4	5409377.4
L5120.0	505121.4	5409378.9	11057.29981	319.99	50.29	48.837364	-86.930207	56065.00	56250.4	-0.38	56064.61	56046.26172	56114.05623	56114.90625	505121.4	5409378.9
L5120.0	505121.5	5409380.4	11057.40039	320.04	51.64	48.837377	-86.930207	56069.75	56250.4	-0.38	56069.37	56051.01953	56120.42818	56121.25781	505121.5	5409380.4
L5120.0	505121.5	5409380.4	11057.50000	320.81	49.04	48.837377	-86.930207	56074.26	56250.4	-0.38	56073.88	56055.52344	56123.62934	56124.43359	505121.5	5409380.4
L5120.0	505121.5	5409381.5	11057.59961	319.58	49.92	48.837387	-86.930206	56078.94	56250.4	-0.38	56078.56	56060.19922	56131.17342	56131.94531	505121.5	5409381.5
L5120.0	505121.5	5409382.9	11057.70020	318.50	49.92	48.837400	-86.930206	56083.32	56250.4	-0.38	56082.94	56064.56641	56134.72368	56135.45703	505121.5	5409382.9
L5120.0	505121.5	5409384.5	11057.79981	316.83	52.7	48.837414	-86.930206	56087.68	56250.4	-0.37	56087.31	56068.92578	56139.44142	56140.12891	505121.5	5409384.5
L5120.0	505121.5	5409385.9	11057.90039	316.90	49.26	48.837427	-86.930206	56091.86	56250.4	-0.37	56091.49	56073.08984	56142.17390	56142.80859	505121.5	5409385.9
L5120.0	505121.5	5409386.8	11058.00000	317.11	49.26	48.837435	-86.930206	56096.04	56250.4	-0.37	56095.67	56077.25391	56129.60151	56130.17578	505121.5	5409386.8
L5120.0	505121.5	5409388.2	11058.00000	317.11	46.43	48.837447	-86.930206	56100.01	56250.4	-0.37	56099.64	56081.20313	56132.12436	56132.63672	505121.5	5409388.2
L5120.0	505121.5	5409388.2	11058.20020	317.55	48.82	48.837447	-86.930206	56103.90	56250.4	-0.37	56103.53	56085.07031	56134.71080	56135.14844	505121.5	5409388.2
L5120.0	505121.5	5409389.8	11058.29981	316.77	48.2	48.837462	-86.930207	56107.72	56250.4	-0.38	56107.34	56088.85156	56137.31704	56137.67578	505121.5	5409389.8
L5120.0	505121.4	5409391.1	11058.40039	316.20	48.2	48.837474	-86.930207	56111.36	56250.4	-0.38	56110.98	56092.46094	56137.54284	56137.81641	505121.4	5409391.1
L5120.0	505121.4	5409392.1	11058.50000	316.72	47.96	48.837482	-86.930207	56115.06	56250.4	-0.38	56114.68	56096.12891	56141.34073	56141.51953	505121.4	5409392.1
L5120.0	505121.4	5409393.1	11058.59961	316.66	47.96	48.837492	-86.930207	56118.70	56250.4	-0.38	56118.31	56099.71875	56145.25532	56145.33203	505121.4	5409393.1
L5120.0	505121.4	5409393.1	11058.70020	315.63	46.62	48.837492	-86.930207	56122.14	56250.4	-0.38	56121.76	56103.12500	56146.34567	56146.31250	505121.4	5409393.1
L5120.0	505121.3	5409394.9	11058.79981	316.39	48.1	48.837508	-86.930208	56125.58	56250.4	-0.39	56125.19	56106.50781	56148.72578	56148.57813	505121.3	5409394.9
L5120.0	505121.3	5409396.1	11058.90039	318.21	46.99	48.837519	-86.930208	56128.84	56250.4	-0.39	56128.46	56109.72656	56158.21720	56157.94141	505121.3	5409396.1
L5120.0	505121.3	5409397.4	11059.00000	316.10	46.99	48.837531	-86.930209	56132.07	56250.4	-0.39	56131.68	56112.89063	56158.29190	56157.88672	505121.3	5409397.4
L5120.0	505121.3	5409399.3	11059.09961	316.07	47.58	48.837547	-86.930209	56135.37	56250.4	-0.39	56134.98	56116.12891	56160.86356	56160.31641	505121.3	5409399.3
L5120.0	505121.3	5409399.3	11059.20020	317.01	49.05	48.837547	-86.930209	56138.66	56250.4	-0.39	56138.27	56119.35156	56164.34173	56163.64453	505121.3	5409399.3
L5120.0	505121.2	5409401.0	11059.29981	316.47	49.05	48.837562	-86.930209	56141.68	56250.4	-0.39	56141.29	56122.29688	56164.06549	56163.21094	505121.2	5409401.0
L5120.0	505121.2	5409401.8	11059.40039	317.66	48.46	48.837570	-86.930210	56144.95	56250.4	-0.39	56144.56	56125.49219	56169.25637	56168.23438	505121.2	5409401.8
L5120.0	505121.2	5409403.0	11059.50000	318.86	48.19	48.837580	-86.930210	56148.04	56250.4	-0.39	56147.65	56128.49609	56172.20809	56171.01172	505121.2	5409403.0
L5120.0	505121.2	5409404.4	11059.59961	319.35	47.97	48.837594	-86.930210	56151.04	56250.4	-0.39	56150.65	56131.40625	56174.46979	56173.08984	505121.2	5409404.4
L5120.0	505121.2	5409405.8	11059.70020	318.36	47.97	48.837606	-86.930210	56153.83	56250.4	-0.39	56153.44	56134.09766	56173.78272	56172.21094	505121.2	5409405.8
L5120.0	505121.2	5409405.8	11059.79981	318.69	46.84	48.837606	-86.930210	56156.74	56250.4	-0.39	56156.35	56136.90625	56176.13894	56174.36719	505121.2	5409405.8
L5120.0	505121.2	5409407.4	11059.90039	320.09	48.82	48.837621	-86.930210	56159.75	56250.4	-0.39	56159.36	56139.80469	56181.18023	56179.19531	505121.2	5409407.4
L5120.0	505121.2	5409408.6	11060.00000	320.56	48.82	48.837631	-86.930210	56162.54	56250.4	-0.39	56162.15	56142.48047	56182.94205	56180.73828	505121.2	5409408.6
L5120.0	505121.2	5409410.0	11060.00000	320.56	48.21	48.837643	-86.930210	56165.06	56250.4	-0.39	56164.67	56144.87500	56180.41094	56177.97656	505121.2	5409410.0
L5120.0	505121.2	5409411.4	11060.09961	320.56	47.92	48.837656	-86.930209	56167.83	56250.4	-0.39	56167.44	56147.51172	56183.25636	56180.58203	505121.2	5409411.4
L5120.0	505121.2	5409412.8	11060.20020	320.28	47.92	48.837669	-86.930209	56170.60	56250.4	-0.39	56170.21	56150.14453	56186.78809	56183.86719	505121.2	5409412.8
L5120.0	505121.2	5409412.8	11060.20020	320.28	45.47	48.837669	-86.930209	56173.48	56250.4	-0.39	56173.09	56152.87500	56193.03195	56189.85156	505121.2	5409412.8
L5120.0	505121.3	5409414.2	11060.50000	319.68	34.13	48.837681	-86.930209	56175.97	56250.4	-0.38	56175.59	56155.22266	56192.75349	56189.30469	505121.3	5409414.2
L5120.0	505121.3	5409415.6	11060.59961	320.69	39.28	48.837694	-86.930209	56178.56	56250.4	-0.38	56178.18	56157.64844	56194.73793	56191.01172	505121.3	5409415.6
L5120.0	505121.3	5409417.0	11060.70020	319.52	39.28	48.837706	-86.930208	56181.03	56250.4	-0.38	56180.64	56159.93750	56194.82827	56190.81250	505121.3	5409417.0
L5120.0	505121.3	5409418.1	11060.79981	318.72	43.11	48.837717	-86.930208	56183.66	56250.4	-0.38	56183.28	56162.39453	56198.79348	56194.48047	505121.3	5409418.1
L5120.0	505121.3	5409419.3	11060.90039	318.40	48.24	48.837727	-86.930208	56186.21	56250.4	-0.38	56185.83	56164.75781	56201.54540	56196.92188	505121.3	5409419.3
L5120.0	505121.4	5409420.3	11061.00000	317.08	44.49	48.837736	-86.930207	56188.93	56250.4	-0.38	56188.55	56167.27734	56207.89527	56202.95313	505121.4	5409420.3
L5120.0	505121.4	5409421.6	11061.09961	316.72	44.49	48.837748	-86.930207	56191.41	56250.4	-0.38	56191.03	56169.55078	56210.18280	56204.91016	505121.4	5409421.6
L5120.0	505121.4	5409421.6	11061.20020	317.07	48.23	48.837748	-86.930207	56193.77	56250.4	-0.37	56193.40	56171.70313	56210.81595	56205.20313	505121.4	5409421.6
L5120.0	505121.4	5409423.0	11061.29981	315.92	45.79	48.837761	-86.930207	56196.18	56250.4	-0.37	56195.81	56173.88672	56212.54983	56206.58594	505121.4	5409423.0
L5120.0	505121.4	5409424.4	11061.40039	318.13	45.79	48.837773	-86.930207	56198.88	56250.4	-0.37	56198.51	56176.35156	56219.96747	56213.64063	505121.4	5409424.4
L5120.0	505121.4	5409425.4	11061.50000	317.10	50.5	48.837782	-86.930207	56201.21	56250.4	-0.36	56200.85	56178.44531	56221.04588	56214.34766	505121.4	5409425.4
L5120.0	505121.4	5409426.5	11061.59961	317.66	52.18	48.837792	-86.930207	56203.77	56250.4	-0.36	56203.40	56180.74219	56226.28736	56219.20703	505121.4	5409426.5
L5120.0	505121.4	5409427.8	11061.70020	319.35	52.18	48.837804	-86.930207	56206.09	56250.4	-0.36	56205.74	56182.81250	56227.92328	56220.44922	505121.4	5409427.8
L5120.0	505121.4	5409429.4	11061.79981	319.48	51.31	48.837819	-86.930207	56208.34	56250.4	-0.36	56207.99	56184.78516	56228.13947	56220.25781	505121.4	5409429.4
L5120.0	505121.4	5409430.9	11061.90039	319.23	52.96	48.837832	-86.930207	56210.59	56250.4	-0.35	56210.24	56186.75000	56228.57396	56220.27734	505121.4	5409430.9
L5120.0	505121.4	5409430.9	11062.00000	317.86	52.96	48.837832	-86.930207	56212.83	56250.3	-0.35	56212.48	56188.69141	56229.01976	56220.29297	505121.4	5409430.9
L5120.0	505121.3	5409433.0	11062.00000	317.86	54	48.837850	-86.930208	56214.96	56250.3	-0.35	56214.61	56190.51172	56227.58629	56218.42188	505121.3	5409433.0
L5120.0	505121.3	5409433.0	11062.20020	318.47	54.69	48.837850	-86.930208	56217.25	56250.4	-0.35	56216.89	56192.47266	56229.11236	56219.50000	505121.3	5409433.0
L5120.0	505121.3	5409434.6	11062.29981	318.10	54.64	48.837865	-86.930208	56219.61	56250.4	-0.36	56219.26	56194.50781	56232.49065	56222.41406	505121.3	5409434.6
L5120.0	505121.3	5409435.7	11062.40039	319.12	53.79	48.837875	-86.930209	56222.05	56250.4	-0.36	56221.69	56196.59766	56237.16722	56226.61719	505121.3	5409435.7
L5120.0	505121.2	5409437.2	11062.50000	320.56	53.79	48.837888	-86.930209	56224.30	56250.4	-0.36	56223.94	56198.49219	56238.58253	56227.54688	505121.2	5409437.2
L5120.0	505121.2	5409438.3	11062.59961	321.16	54.1	48.837898	-86.930209	56226.61	56250.4	-0.36	56226.25	56200.43750	56241.27276	56229.74219	505121.2	5409438.3
L5120.0	505121.2	5409439.5	11062.70020	320.96	54.1	48.837909	-86.930210	56228.76	56250.4	-0.36	56228.39	56202.19922	56240.83404	56228.79297	505121.2	5409439.5
L5120.0	505121.1	5409441.1	11062.79981	319.40	52.76	48.837923	-86.930210	56231.03	56250.4	-0.37	56230.67	56204.08984	56243.19851	56230.64063	505121.1	5409441.1
L5120.0	505121.1	5409441.1	11062.90039	319.60	47.07	48.837923	-86.930210	56233.19	56250.4	-0.37	56232.82	56205.83594	56243.18261	56230.08984	505121.1	5409441.1
L5120.0	505121.1	5409442.9	11063.00000	321.67	47.07	48.837939	-86.930211	56235.53	56250.4	-0.37	56235.16	56207.76172	56246.96082	56233.32422	505121.1	5409442.9
L5120.0	505121.1	5409444.2	11063.09961	320.91	49.37	48.837951	-86.930211	56237.61	56250.4	-0.37	56237.24	56209.41797	56245.84936	56231.66016	505121.1	5409444.2
L5120.0	505121.1	5409444.2	11063.20020	321.70	47.41	48.837951	-86.930211	56239.94	56250.4	-0.37	56239.57	56211.30859	56249.71369	56234.95703	505121.1	5409444.2
L5120.0	505121.0	5409445.6	11063.29981	322.08	50.15	48.837964	-86.930212	56242.10	56250.4	-0.37	56241.73	56213.01953	56250.44364	56235.10547	505121.0	5409445.6
L5120.0	505121.0	5409447.0	11063.40039	319.64	50.15	48.837976	-86.930212	56244.41	56250.4	-0.37	56244.04	56214.86328	56254.23109	56238.30078	505121.0	5409447.0
L5120.0	505121.0	5409448.4	11063.50000	320.64	49.09	48.837989	-86.930212	56246.62	56250.4	-0.37	56246.25	56216.60156	56256.26134	56239.73047	505121.0	5409448.4
L5120.0	505120.9	5409449.8	11063.59961	318.32	47.41	48.838001	-86.930213	56248.76	56250.4	-0.37	56248.39	56218.25000	56257.13902	56239.99219	505120.9	5409449.8
L5120.0	505120.9	5409451.1	11063.70020	318.29	50.74	48.838014	-86.930213	56251.04	56250.4	-0.37	56250.67	56220.03125	56260.89876	56243.12500	505120.9	5409451.1

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5120.0	505120.9	5409451.1	11063.79981	319.56	49.93	48.838014	-86.930213	56253.04	56250.4	-0.37	56252.67	56221.51563	56259.55072	56241.13672	505120.9	5409451.1
L5120.0	505120.9	5409451.1	11063.90039	320.64	49.78	48.838014	-86.930213	56255.35	56250.4	-0.37	56254.98	56223.30078	56264.32629	56245.26172	505120.9	5409451.1
L5120.0	505120.9	5409453.7	11064.00000	320.58	49.78	48.838037	-86.930214	56257.57	56250.4	-0.37	56257.20	56224.98438	56267.64032	56247.91406	505120.9	5409453.7
L5120.0	505120.9	5409455.1	11064.00000	320.58	49.33	48.838049	-86.930214	56259.79	56250.4	-0.37	56259.42	56226.65234	56271.21701	56250.81641	505120.9	5409455.1
L5120.0	505120.9	5409456.0	11064.20020	318.74	49.57	48.838057	-86.930214	56262.02	56250.4	-0.37	56261.64	56228.30859	56275.07483	56253.98438	505120.9	5409456.0
L5120.0	505120.9	5409457.0	11064.29981	318.37	49.17	48.838066	-86.930214	56264.28	56250.4	-0.37	56263.90	56229.99219	56279.97373	56258.18359	505120.9	5409457.0
L5120.0	505120.8	5409458.1	11064.40039	316.96	49.17	48.838077	-86.930214	56266.30	56250.4	-0.37	56265.92	56231.42188	56280.76724	56258.26563	505120.8	5409458.1
L5120.0	505120.8	5409459.5	11064.50000	316.09	51.2	48.838089	-86.930214	56268.34	56250.4	-0.38	56267.96	56232.85938	56282.30078	56259.07813	505120.8	5409459.5
L5120.0	505120.8	5409460.5	11064.59961	314.61	51.6	48.838097	-86.930214	56270.44	56250.4	-0.38	56270.06	56234.34375	56285.32163	56261.36328	505120.8	5409460.5
L5120.0	505120.8	5409462.0	11064.70020	314.04	51.6	48.838112	-86.930214	56272.42	56250.4	-0.38	56272.04	56235.69531	56286.55279	56261.84766	505120.8	5409462.0
L5120.0	505120.8	5409462.0	11064.79981	315.97	49.22	48.838112	-86.930214	56274.46	56250.4	-0.38	56274.08	56237.09766	56289.31015	56263.84375	505120.8	5409462.0
L5120.0	505120.8	5409463.5	11064.90039	316.92	45.61	48.838125	-86.930214	56276.64	56250.4	-0.38	56276.26	56238.62109	56295.07328	56268.83594	505120.8	5409463.5
L5120.0	505120.8	5409464.9	11065.00000	316.42	47.62	48.838137	-86.930214	56278.66	56250.4	-0.38	56278.28	56239.97656	56298.38819	56271.37109	505120.8	5409464.9
L5120.0	505120.8	5409466.5	11065.09961	318.28	47.62	48.838152	-86.930214	56280.82	56250.4	-0.38	56280.44	56241.46094	56304.76349	56276.95313	505120.8	5409466.5
L5120.0	505120.9	5409468.1	11065.20020	317.94	47.7	48.838166	-86.930214	56282.78	56250.4	-0.38	56282.40	56242.73047	56308.00174	56279.38672	505120.9	5409468.1
L5120.0	505120.9	5409468.1	11065.29981	317.72	47.7	48.838166	-86.930214	56284.92	56250.4	-0.38	56284.54	56244.16797	56315.09483	56285.66016	505120.9	5409468.1
L5120.0	505120.9	5409469.5	11065.40039	317.30	48.77	48.838179	-86.930213	56286.75	56250.4	-0.38	56286.37	56245.28516	56317.04811	56286.78516	505120.9	5409469.5
L5120.0	505120.9	5409471.1	11065.50000	318.81	49.23	48.838193	-86.930213	56288.76	56250.4	-0.38	56288.38	56246.57031	56322.91033	56291.80859	505120.9	5409471.1
L5120.0	505120.9	5409472.4	11065.59961	318.97	48.22	48.838205	-86.930213	56290.48	56250.4	-0.37	56290.11	56247.56250	56324.16996	56292.21875	505120.9	5409472.4
L5120.0	505120.9	5409472.4	11065.70020	320.08	48.22	48.838205	-86.930213	56292.36	56250.4	-0.37	56291.99	56248.69141	56328.82673	56296.01563	505120.9	5409472.4
L5120.0	505120.9	5409474.5	11065.79981	319.51	48.1	48.838224	-86.930212	56294.11	56250.4	-0.37	56293.74	56249.67969	56331.66384	56297.98047	505120.9	5409474.5
L5120.0	505121.0	5409475.5	11065.90039	319.88	45.34	48.838232	-86.930212	56295.70	56250.4	-0.37	56295.33	56250.50000	56332.08552	56297.51563	505121.0	5409475.5
L5120.0	505121.0	5409476.7	11066.00000	319.10	39.27	48.838243	-86.930212	56297.41	56250.4	-0.37	56297.04	56251.42578	56335.38920	56299.92578	505121.0	5409476.7
L5120.0	505121.0	5409478.0	11066.00000	319.10	39.27	48.838255	-86.930212	56299.15	56250.4	-0.37	56298.78	56252.37109	56339.89641	56303.53125	505121.0	5409478.0
L5120.0	505121.0	5409478.0	11066.20020	320.04	43.79	48.838255	-86.930212	56300.70	56250.4	-0.37	56300.32	56253.10547	56341.18149	56303.90234	505121.0	5409478.0
L5120.0	505121.1	5409480.4	11066.29981	320.11	44.94	48.838277	-86.930211	56302.39	56250.4	-0.38	56302.01	56253.98047	56345.97436	56307.76953	505121.1	5409480.4
L5120.0	505121.1	5409481.5	11066.40039	322.19	44.94	48.838287	-86.930211	56304.09	56250.4	-0.38	56303.71	56254.85547	56351.58875	56312.44922	505121.1	5409481.5
L5120.0	505121.1	5409481.5	11066.50000	322.68	47.04	48.838287	-86.930211	56305.83	56250.4	-0.38	56305.45	56255.75781	56358.61079	56318.52734	505121.1	5409481.5
L5120.0	505121.1	5409483.4	11066.59961	320.22	44.42	48.838304	-86.930210	56307.16	56250.4	-0.38	56306.78	56256.24219	56358.14442	56317.10547	505121.1	5409483.4
L5120.0	505121.2	5409484.8	11066.70020	319.54	44.42	48.838316	-86.930209	56308.69	56250.4	-0.38	56308.30	56256.90625	56361.97128	56319.96875	505121.2	5409484.8
L5120.0	505121.2	5409484.8	11066.79981	320.03	46.54	48.838316	-86.930209	56310.12	56250.4	-0.39	56309.73	56257.47266	56364.53643	56321.56250	505121.2	5409484.8
L5120.0	505121.2	5409486.9	11066.90039	320.15	46.54	48.838335	-86.930209	56311.57	56250.4	-0.39	56311.19	56258.05859	56368.20004	56324.24609	505121.2	5409486.9
L5120.0	505121.2	5409488.0	11067.00000	319.81	45.96	48.838345	-86.930208	56312.90	56250.4	-0.39	56312.51	56258.49609	56369.49428	56324.55078	505121.2	5409488.0
L5120.0	505121.3	5409489.4	11067.09961	320.81	47.16	48.838358	-86.930208	56314.22	56250.4	-0.39	56313.83	56258.92578	56371.17630	56325.23438	505121.3	5409489.4
L5120.0	505121.3	5409490.8	11067.20020	321.46	47.16	48.838371	-86.930208	56315.43	56250.4	-0.39	56315.03	56259.22656	56370.73739	56323.78906	505121.3	5409490.8
L5120.0	505121.3	5409492.0	11067.29981	321.50	47.05	48.838381	-86.930207	56316.70	56250.4	-0.39	56316.31	56259.59766	56372.19858	56324.23828	505121.3	5409492.0
L5120.0	505121.3	5409492.0	11067.40039	321.36	45.6	48.838381	-86.930207	56317.80	56250.4	-0.39	56317.40	56259.77344	56369.93991	56320.95703	505121.3	5409492.0
L5120.0	505121.3	5409493.9	11067.50000	322.31	45.6	48.838398	-86.930207	56318.94	56250.4	-0.40	56318.55	56260.00391	56369.03650	56319.02344	505121.3	5409493.9
L5120.0	505121.4	5409495.0	11067.59961	321.47	43.33	48.838408	-86.930207	56320.10	56250.4	-0.40	56319.70	56260.22266	56368.18605	56317.13672	505121.4	5409495.0
L5120.0	505121.4	5409495.0	11067.70020	319.71	45.86	48.838408	-86.930207	56321.20	56250.4	-0.40	56320.80	56260.39063	56366.26941	56314.17969	505121.4	5409495.0
L5120.0	505121.4	5409496.4	11067.79981	318.27	43.81	48.838421	-86.930206	56322.23	56250.4	-0.40	56321.84	56260.48828	56362.99399	56309.85547	505121.4	5409496.4
L5120.0	505121.4	5409497.8	11067.90039	319.30	43.81	48.838433	-86.930206	56323.39	56250.4	-0.40	56323.00	56260.70313	56362.03476	56307.83984	505121.4	5409497.8
L5120.0	505121.4	5409499.4	11068.00000	322.76	43.81	48.838448	-86.930206	56324.38	56250.4	-0.40	56323.98	56260.73047	56357.06141	56301.80469	505121.4	5409499.4
L5120.0	505121.4	5409501.3	11068.00000	322.76	41.52	48.838465	-86.930206	56325.38	56250.4	-0.40	56324.98	56260.77344	56352.17180	56295.85156	505121.4	5409501.3
L5120.0	505121.4	5409501.3	11068.20020	323.10	42.33	48.838465	-86.930206	56326.45	56250.4	-0.40	56326.05	56260.88281	56348.32448	56290.93359	505121.4	5409501.3
L5120.0	505121.4	5409502.8	11068.29981	323.23	42.33	48.838479	-86.930206	56327.29	56250.4	-0.40	56326.90	56260.76563	56339.45377	56280.98828	505121.4	5409502.8
L5120.0	505121.4	5409504.3	11068.40039	322.32	43.66	48.838492	-86.930206	56328.32	56250.4	-0.40	56327.92	56260.81641	56333.55106	56274.00781	505121.4	5409504.3
L5120.0	505121.4	5409504.3	11068.50000	323.06	42.17	48.838492	-86.930206	56329.41	56250.4	-0.40	56329.01	56260.93359	56328.44753	56267.82031	505121.4	5409504.3
L5120.0	505121.4	5409505.6	11068.59961	323.88	42.17	48.838504	-86.930205	56330.66	56250.4	-0.39	56330.27	56261.21875	56326.06099	56264.34766	505121.4	5409505.6
L5120.0	505121.5	5409507.2	11068.70020	323.46	43.36	48.838518	-86.930205	56331.84	56250.4	-0.39	56331.45	56261.42188	56321.21898	56258.41797	505121.5	5409507.2
L5120.0	505121.5	5409508.6	11068.79981	321.98	43.36	48.838531	-86.930205	56333.11	56250.4	-0.39	56332.72	56261.71484	56317.26375	56253.36719	505121.5	5409508.6
L5120.0	505121.5	5409510.0	11068.90039	320.11	43.28	48.838543	-86.930205	56334.36	56250.4	-0.39	56333.97	56261.98438	56311.90078	56246.91016	505121.5	5409510.0
L5120.0	505121.5	5409510.0	11069.00000	318.70	38.96	48.838543	-86.930205	56335.56	56250.4	-0.39	56335.17	56262.19922	56304.47405	56238.38672	505121.5	5409510.0
L5120.0	505121.5	5409511.4	11069.09961	318.93	38.96	48.838555	-86.930205	56337.07	56250.4	-0.39	56336.68	56262.73047	56301.91501	56234.73438	505121.5	5409511.4
L5120.0	505121.5	5409512.7	11069.20020	318.08	42.17	48.838568	-86.930205	56338.50	56250.4	-0.39	56338.10	56263.16797	56296.29274	56228.01563	505121.5	5409512.7
L5120.0	505121.5	5409514.3	11069.29981	318.06	42.17	48.838582	-86.930205	56340.11	56250.4	-0.39	56339.71	56263.79688	56292.91286	56223.53516	505121.5	5409514.3
L5120.0	505121.5	5409514.3	11069.40039	317.18	42.16	48.838582	-86.930205	56341.66	56250.4	-0.39	56341.27	56264.37500	56287.05989	56216.58594	505121.5	5409514.3
L5120.0	505121.5	5409516.0	11069.50000	318.45	42.87	48.838597	-86.930205	56343.17	56250.4	-0.40	56342.77	56264.89844	56278.47825	56206.90625	505121.5	5409516.0
L5120.0	505121.5	5409517.6	11069.59961	318.73	42.87	48.838611	-86.930205	56344.86	56250.4	-0.40	56344.46	56265.60938	56271.76556	56199.09766	505121.5	5409517.6
L5120.0	505121.5	5409519.0	11069.70020	316.62	42.87	48.838624	-86.930205	56346.86	56250.4	-0.40	56346.47	56266.64844	56269.17473	56195.41406	505121.5	5409519.0
L5120.0	505121.5	5409519.0	11069.79981	316.23	42.67	48.838624	-86.930205	56348.81	56250.4	-0.40	56348.41	56267.61719	56263.29108	56188.43750	505121.5	5409519.0
L5120.0	505121.5	5409520.3	11069.90039	316.76	42.27	48.838636	-86.930205	56350.98	56250.4	-0.40	56350.58	56268.82031	56259.56152	56183.61719	505121.5	5409520.3
L5120.0	505121.4	5409522.0	11070.00000	318.66	42.27	48.838651	-86.930205	56353.20	56250.4	-0.40	56352.80	56270.07422	56254.53003	56177.49609	505121.4	5409522.0
L5120.0	505121.4	5409522.0	11070.00000	318.66	39.96	48.838651	-86.930205	56355.39	56250.4	-0.40	56354.99	56271.30859	56246.61637	56168.50000	505121.4	5409522.0
L5120.0	505121.4	5409523.6	11070.20020	318.50	39.96	48.838666	-86.930206	56357.96	56250.4	-0.40	56357.57	56272.93359	56243.48293	56164.28906	505121.4	5409523.6
L5120.0	505121.4	5409525.0	11070.29981	319.11	38.04	48.838678	-86.930206	56360.57	56250.4	-0.40	56360.18	56274.59766	56238.38840	56158.12109	505121.4	5409525.0
L5120.0	505121.4	5409526.2	11070.40039	319.55	39.32	48.838689	-86.930206	56363.40	56250.4	-0.40	56363.01	56276.48438	56234.77694	56153.44141	505121.4	5409526.2
L5120.0	505121.3	5409527.8	11070.50000	321.59	39.32	48.838703	-86.930207	56366.26	56250.4	-0.40	56365.87	56278.41016	56229.03565	56146.63672	505121.3	5409527.8
L5120.0	505121.3	5409527.8	11070.59961	320.86	40.4	48.838703	-86.930207	56369.56	56250.4	-0.39	56369.16	56280.77734	56228.58964	56145.13281	505121.3	5409527.8
L5120.0	505121.3	5409529.1	11070.70020	318.66	39.93	48.838715	-86.930207	56373.11	56250.4	-0.39	56372.71	56283.40625	56230.27420	56145.76953	505121.3	5409529.1
L5120.0	505121.3	5409530.1	11070.79981	318.87	39.93	48.838724	-86.930207	56376.73	56250.4	-0.39	56376.33	56286.11719	56230.52040	56144.97266	505121.3	5409530.1
L5120.0	505121.2	5409532.1	11070.90039	318.67	39.16	48.838742	-86.930208	56380.43	56250.4	-0.39	56380.03	56288.91406	56229.50307	56142.92188	505121.2	5409532.1
L5120.0	505121.2	5409533.5	11071.00000	319.25	36.91	48.838755	-86.930208	56384.36	56250.4	-0.39	56383.97	56291.96484	56230.27992	56142.67188	505121.2	5409533.5
L5120.0	505121.2	5409533.5	11071.09961	320.12	36.83	48.838755	-86.930208	56388.49	56250.4	-0.39	56388.10	56295.21094	56231.93470	56143.31250	505121.2	5409533.5
L5120.0	505121.2	5409535.4	11071.20020	321.48	36.83	48.838772	-86.930208	56392.88	56250.4	-0.39	56392.49	56298.73047	56235.87340	56146.24609	505121.2	5409535.4
L5120.0	505121.2	5409536.5	11071.29981	320.47	38.2	48.838782	-86.930209	56397.56	56250.4	-0.39	56397.17	56302.55078	56242.71439	56152.08984	505121.2	5409536.5
L5120.0	505121.1	5409537.9	11071.40039	320.80	38.2	48.838794	-86.930209	56402.42	56250.4	-0.39	56402.03	56306.56250	56250.34640	56158.73828	505121.1	5409537.9
L5120.0	505121.1	5409537.9	11071.50000	319.18	36.98	48.838794	-86.930209	56407.43	56250.4	-0.39	56407.04	56310.73828	56258.21208	56165.62891	505121.1	5409537.9
L5120.0	505121.1	5409539.5	11071.59961	320.77	36.98	48.838809	-86.930209	56412.73	56250.4	-0.39	56412.34	56315.21484	56269.08880	56175.54297	505121.1	5409539.5
L5120.0	505121.1	5409540.8	11071.70020	322.29	36.75	48.838821	-86.930210	56418.07	56250.4	-0.39	56417.68	56319.74609	56278.08537	56183.59375	505121.1	5409540.8
L5120.0	505121.1	5409542.4	11071.79981	322.57	37.48	48.838835	-86.930210	56423.78	56250.4	-0.39	56423.39	56324.66016	56291.69269	56196.26563	505121.1	5409542.4
L5120.0	505121.0	5409543.6	11071.90039	322.38	37.48	48.838846	-86.930210	56429.48	56250.4	-0.39	56429.09	56329.57813	56302.49004	56206.14063	505121.0	5409543.6
L5120.0	505121.0	5409543.6	11072.00000	321.72	39.63	48.838846	-86.930210	56435.66	56250.4	-0.39	56435.27	56334.99219	56320.08152	56222.82422	505121.0	5409543.6
L5120.0	505121.0	5409545.2	11072.00000	321.72	31.26	48.838860	-86.930211	56441.98	56250.4	-0.39	56441.59	56340.56250	56337.84140	56239.69141	505121.0	5409545.2
L5120.0	505121.0	5409546.6	11072.20020	321.70	31.26	48.838873	-86.930211	56448.57	56250.4	-0.39	56448.18	56346.41797	56358.32271	56259.29688	505121.0	5409546.6
L5120.0	505121.0	5409547.9	11072.29981	321.84	22.22	48.838884	-86.930211	56455.13	56250.4	-0.39	56454.74	56352.25781	56375.78476	56275.89844	505121.0	5409547.9
L5120.0	505121.0	5409547.9	11072.40039	319.05	23.81	48.838884	-86.930211	56462.22	56250.4	-0.39	56461.83	56358.64844	56401.03350	56300.30078	505121.0	5409547.9
L5120.0	505120.9	5409549.5	11072.50000	318.75	23.81	48.838898	-86.930212	56469.08	56250.4	-0.39	56468.69	56364.82422	56419.60409	56318.04688	505120.9	5409549.5
L5120.0	505120.9	5409550.5	11072.59961	316.65	38.88	48.838907	-86.930212	56476.28	56250.4	-0.39	56475.89	56371.35547	56442.45714	56340.09375	505120.9	5409550.5
L5120.0	505120.8	5409552.0	11072.70020	316.84	38.88	48.838921	-86.930213	56483.43	56250.4	-0.39	56483.04	56377.85938	56462.33215	56359.17969	505120.8	5409552.0
L5120.0	505120.8	5409553.4	11072.79981	318.25	39.5	48.838933	-86.930213	56490.78	56250.4	-0.39	56490.39	56384.58203	56484.06504	56380.14063	505120.8	5409553.4
L5120.0	505120.8	5409554.9	11072.90039	318.28	36.68	48.838948	-86.930214	56497.90	56250.4	-0.39	56497.51	56391.08984	56499.83030	56395.15234	505120.8	5409554.9
L5120.0	505120.8	5409554.9	11073.00000	317.86	36.68	48.838948	-86.930214	56505.25	56250.4	-0.39	56504.86	56397.85156	56518.34358	56412.93750	505120.8	5409554.9

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5120.0	505120.7	5409556.3	11073.09961	317.28	35.09	48.838960	-86.930214	56512.70	56250.4	-0.39	56512.31	56404.73047	56537.36192	56431.24609	505120.7	5409556.3
L5120.0	505120.7	5409557.9	11073.20020	317.85	34.84	48.838974	-86.930214	56520.36	56250.4	-0.40	56519.96	56411.83203	56558.88781	56452.08203	505120.7	5409557.9
L5120.0	505120.7	5409559.5	11073.29981	315.29	34.84	48.838988	-86.930215	56527.75	56250.4	-0.40	56527.36	56418.70313	56574.94993	56467.48047	505120.7	5409559.5
L5120.0	505120.7	5409559.5	11073.40039	317.26	37.88	48.838988	-86.930215	56535.80	56250.4	-0.40	56535.39	56426.22266	56601.71376	56493.59766	505120.7	5409559.5
L5120.0	505120.7	5409561.0	11073.50000	316.09	37.88	48.839002	-86.930215	56543.22	56250.4	-0.40	56542.82	56433.16797	56617.16407	56508.42578	505120.7	5409561.0
L5120.0	505120.7	5409562.4	11073.59961	314.97	32.93	48.839015	-86.930215	56551.16	56250.4	-0.41	56550.75	56440.63672	56641.41220	56532.07813	505120.7	5409562.4
L5120.0	505120.7	5409562.4	11073.70020	317.10	32.93	48.839015	-86.930215	56558.54	56250.4	-0.41	56558.13	56447.57422	56655.76557	56545.85938	505120.7	5409562.4
L5120.0	505120.7	5409564.0	11073.79981	319.04	32.25	48.839029	-86.930215	56566.09	56250.4	-0.41	56565.67	56454.69531	56673.24992	56562.79297	505120.7	5409564.0
L5120.0	505120.7	5409564.0	11073.90039	320.61	34.61	48.839029	-86.930215	56573.38	56250.4	-0.42	56572.97	56461.60156	56686.84670	56575.86328	505120.7	5409564.0
L5120.0	505120.6	5409567.3	11074.00000	319.82	34.61	48.839059	-86.930216	56580.84	56250.4	-0.42	56580.42	56468.67969	56703.83636	56592.35547	505120.6	5409567.3
L5120.0	505120.6	5409568.6	11074.00000	319.82	33.44	48.839070	-86.930216	56587.96	56250.4	-0.42	56587.54	56475.45313	56715.67913	56603.72656	505120.6	5409568.6
L5120.0	505120.6	5409568.6	11074.20020	317.73	33.44	48.839070	-86.930216	56595.18	56250.4	-0.42	56594.77	56482.35938	56730.60109	56618.20313	505120.6	5409568.6
L5120.0	505120.6	5409570.4	11074.29981	318.92	34.32	48.839087	-86.930216	56602.15	56250.4	-0.42	56601.73	56489.01953	56741.81407	56628.99609	505120.6	5409570.4
L5120.0	505120.6	5409570.4	11074.40039	319.01	30.62	48.839087	-86.930216	56609.32	56250.4	-0.42	56608.91	56495.92578	56758.58410	56645.37109	505120.6	5409570.4
L5120.0	505120.6	5409571.9	11074.50000	319.14	30.62	48.839100	-86.930217	56616.13	56250.4	-0.42	56615.72	56502.48438	56770.15187	56656.57422	505120.6	5409571.9
L5120.0	505120.5	5409573.4	11074.59961	319.36	32.03	48.839113	-86.930217	56623.02	56250.4	-0.41	56622.61	56509.15234	56785.10573	56671.19141	505120.5	5409573.4
L5120.0	505120.5	5409574.5	11074.70020	319.82	32.03	48.839124	-86.930217	56629.59	56250.4	-0.41	56629.17	56515.51172	56795.95111	56681.73047	505120.5	5409574.5
L5120.0	505120.5	5409575.8	11074.79981	319.72	33.34	48.839135	-86.930217	56636.31	56250.4	-0.41	56635.89	56522.05859	56812.17743	56697.67969	505120.5	5409575.8
L5120.0	505120.5	5409576.8	11074.90039	321.54	33.34	48.839144	-86.930218	56642.81	56250.4	-0.41	56642.39	56528.41016	56826.80483	56712.05469	505120.5	5409576.8
L5120.0	505120.5	5409576.8	11075.00000	321.74	33.34	48.839144	-86.930218	56649.54	56250.4	-0.41	56649.13	56535.03125	56848.88182	56733.91016	505120.5	5409576.8
L5120.0	505120.4	5409578.5	11075.09961	320.77	33.3	48.839160	-86.930218	56655.93	56250.4	-0.41	56655.52	56541.32422	56867.31367	56752.15625	505120.4	5409578.5
L5120.0	505120.4	5409579.6	11075.20020	321.99	34.99	48.839169	-86.930218	56662.43	56250.4	-0.40	56662.02	56547.75391	56891.20492	56775.88672	505120.4	5409579.6
L5120.0	505120.4	5409581.0	11075.29981	320.57	35.03	48.839182	-86.930219	56668.42	56250.4	-0.40	56668.02	56553.71094	56908.92306	56793.47656	505120.4	5409581.0
L5120.0	505120.3	5409582.4	11075.40039	319.45	35.03	48.839194	-86.930219	56674.42	56250.4	-0.40	56674.02	56559.69531	56930.38714	56814.84375	505120.3	5409582.4
L5120.0	505120.3	5409582.4	11075.50000	318.34	27.96	48.839194	-86.930219	56680.12	56250.4	-0.40	56679.72	56565.40625	56949.89160	56834.27734	505120.3	5409582.4
L5120.0	505120.3	5409583.7	11075.59961	318.94	27.96	48.839207	-86.930220	56685.78	56250.4	-0.39	56685.39	56571.11328	56972.91099	56857.26563	505120.3	5409583.7
L5120.0	505120.3	5409585.6	11075.70020	320.91	31	48.839223	-86.930220	56691.18	56250.4	-0.39	56690.79	56576.57813	56994.86477	56879.21484	505120.3	5409585.6
L5120.0	505120.3	5409585.6	11075.79981	321.48	31.71	48.839223	-86.930220	56696.34	56250.4	-0.39	56695.95	56581.82813	57016.47698	56900.85547	505120.3	5409585.6
L5120.0	505120.2	5409588.1	11075.90039	321.25	31.71	48.839246	-86.930221	56701.18	56250.4	-0.38	56700.79	56586.78516	57036.26917	56920.70703	505120.2	5409588.1
L5120.0	505120.2	5409588.1	11076.00000	321.25	31.6	48.839246	-86.930221	56705.89	56250.4	-0.38	56705.51	56591.64844	57058.34099	56942.87109	505120.2	5409588.1
L5120.0	505120.2	5409589.5	11076.00000	321.25	31.6	48.839259	-86.930221	56710.20	56250.4	-0.38	56709.82	56596.12891	57076.99016	56961.64844	505120.2	5409589.5
L5120.0	505120.2	5409591.2	11076.20020	319.59	31.59	48.839273	-86.930221	56714.52	56250.4	-0.38	56714.14	56600.64844	57100.70776	56985.52344	505120.2	5409591.2
L5120.0	505120.2	5409592.6	11076.29981	320.43	31.59	48.839286	-86.930222	56718.30	56250.4	-0.39	56717.91	56604.64063	57118.33169	57003.33984	505120.2	5409592.6
L5120.0	505120.2	5409594.0	11076.40039	320.06	33.41	48.839299	-86.930222	56721.84	56250.4	-0.39	56721.45	56608.43359	57136.33507	57021.56641	505120.2	5409594.0
L5120.0	505120.2	5409594.0	11076.50000	322.45	30.04	48.839299	-86.930222	56724.96	56250.4	-0.39	56724.57	56611.83203	57150.98703	57036.47266	505120.2	5409594.0
L5120.0	505120.2	5409596.1	11076.59961	323.05	30.04	48.839317	-86.930222	56727.86	56250.4	-0.39	56727.47	56615.03516	57166.33088	57052.10938	505120.2	5409596.1
L5120.0	505120.2	5409597.5	11076.70020	321.69	28.2	48.839331	-86.930222	56730.27	56250.4	-0.39	56729.88	56617.77734	57177.04905	57063.15234	505120.2	5409597.5
L5120.0	505120.2	5409597.5	11076.79981	322.51	28.2	48.839331	-86.930222	56732.19	56250.4	-0.40	56731.79	56620.04297	57183.04862	57069.50781	505120.2	5409597.5
L5120.0	505120.2	5409598.8	11076.90039	321.79	30.96	48.839342	-86.930222	56733.77	56250.4	-0.40	56733.37	56622.00781	57187.83236	57074.67969	505120.2	5409598.8
L5120.0	505120.2	5409600.2	11077.00000	320.78	30.96	48.839354	-86.930222	56734.98	56250.4	-0.40	56734.58	56623.62500	57190.70621	57077.97266	505120.2	5409600.2
L5120.0	505120.2	5409600.2	11077.09961	322.70	28.31	48.839354	-86.930222	56735.82	56250.4	-0.40	56735.42	56624.90234	57191.76689	57079.49219	505120.2	5409600.2
L5120.0	505120.2	5409601.7	11077.20020	320.54	28.31	48.839369	-86.930221	56736.46	56250.4	-0.40	56736.06	56626.00391	57194.41218	57082.62500	505120.2	5409601.7
L5120.0	505120.2	5409603.4	11077.29981	320.54	33.16	48.839384	-86.930221	56736.61	56250.4	-0.40	56736.21	56626.64063	57193.01713	57081.75391	505120.2	5409603.4
L5120.0	505120.2	5409604.7	11077.40039	320.27	33.16	48.839395	-86.930221	56736.43	56250.4	-0.40	56736.04	56626.98047	57190.92171	57080.21094	505120.2	5409604.7
L5120.0	505120.2	5409604.7	11077.50000	319.32	32.19	48.839395	-86.930221	56735.81	56250.4	-0.40	56735.41	56626.88672	57185.45561	57075.33203	505120.2	5409604.7
L5120.0	505120.2	5409606.1	11077.59961	319.09	32.19	48.839408	-86.930220	56734.75	56250.4	-0.39	56734.36	56626.39844	57177.42148	57067.91797	505120.2	5409606.1
L5120.0	505120.3	5409608.6	11077.70020	318.35	35.03	48.839430	-86.930220	56733.27	56250.4	-0.39	56732.87	56625.49219	57166.47280	57057.62109	505120.3	5409608.6
L5120.0	505120.3	5409608.6	11077.79981	317.60	32.95	48.839430	-86.930220	56731.38	56250.4	-0.39	56730.99	56624.22266	57153.57466	57045.41016	505120.3	5409608.6
L5120.0	505120.3	5409610.0	11077.90039	317.43	32.95	48.839443	-86.930219	56729.35	56250.4	-0.39	56728.96	56622.82422	57143.22149	57035.77344	505120.3	5409610.0
L5120.0	505120.3	5409611.2	11078.00000	318.30	31.09	48.839454	-86.930219	56726.90	56250.4	-0.39	56726.51	56621.03125	57130.28229	57023.58203	505120.3	5409611.2
L5120.0	505120.4	5409612.6	11078.00000	318.30	29.15	48.839466	-86.930219	56724.23	56250.4	-0.39	56723.84	56619.04297	57118.44439	57012.52344	505120.4	5409612.6
L5120.0	505120.4	5409613.6	11078.20020	318.77	30.86	48.839475	-86.930219	56721.11	56250.4	-0.39	56720.72	56616.62500	57103.34535	56998.23828	505120.4	5409613.6
L5120.0	505120.4	5409613.6	11078.29981	319.27	30.86	48.839475	-86.930219	56717.48	56250.4	-0.39	56717.09	56613.72266	57083.80371	56979.53906	505120.4	5409613.6
L5120.0	505120.4	5409615.5	11078.40039	320.56	33.59	48.839492	-86.930218	56713.70	56250.4	-0.39	56713.31	56610.68750	57066.36523	56962.97266	505120.4	5409615.5
L5120.0	505120.4	5409617.1	11078.50000	320.56	33.59	48.839507	-86.930218	56709.67	56250.4	-0.39	56709.28	56607.42969	57048.98310	56946.49219	505120.4	5409617.1
L5120.0	505120.4	5409617.1	11078.59961	320.15	30.9	48.839507	-86.930218	56705.18	56250.4	-0.39	56704.79	56603.73047	57027.59890	56926.04297	505120.4	5409617.1
L5120.0	505120.4	5409618.5	11078.70020	319.84	30.9	48.839520	-86.930218	56700.61	56250.4	-0.39	56700.22	56599.97266	57009.05848	56908.46875	505120.4	5409618.5
L5120.0	505120.5	5409620.1	11078.79981	318.00	30.64	48.839534	-86.930217	56695.96	56250.4	-0.39	56695.57	56596.15234	56993.18173	56893.58203	505120.5	5409620.1
L5120.0	505120.5	5409621.7	11078.90039	318.09	29.95	48.839548	-86.930217	56691.01	56250.4	-0.39	56690.62	56592.05469	56975.70922	56877.13281	505120.5	5409621.7
L5120.0	505120.5	5409621.7	11079.00000	316.55	29.95	48.839548	-86.930217	56685.73	56250.4	-0.39	56685.34	56587.64453	56955.88340	56858.35547	505120.5	5409621.7
L5120.0	505120.5	5409622.9	11079.09961	316.37	31.33	48.839558	-86.930216	56680.32	56250.4	-0.39	56679.93	56583.12891	56937.21771	56840.76953	505120.5	5409622.9
L5120.0	505120.6	5409624.0	11079.20020	317.92	32.39	48.839569	-86.930216	56674.55	56250.4	-0.39	56674.16	56578.26563	56915.23674	56819.89453	505120.6	5409624.0
L5120.0	505120.6	5409625.7	11079.29981	316.32	32.39	48.839584	-86.930215	56668.63	56250.4	-0.40	56668.24	56573.27344	56893.65193	56799.44141	505120.6	5409625.7
L5120.0	505120.6	5409626.8	11079.40039	320.08	30.61	48.839594	-86.930215	56662.71	56250.4	-0.40	56662.31	56568.28906	56874.90265	56781.85156	505120.6	5409626.8
L5120.0	505120.6	5409627.9	11079.50000	319.76	32.68	48.839604	-86.930215	56656.64	56250.4	-0.40	56656.24	56563.18359	56856.41583	56764.55078	505120.6	5409627.9
L5120.0	505120.6	5409627.9	11079.59961	319.29	32.68	48.839604	-86.930215	56650.33	56250.4	-0.40	56649.93	56557.85156	56836.14782	56745.49609	505120.6	5409627.9
L5120.0	505120.7	5409629.8	11079.70020	319.50	28.78	48.839621	-86.930214	56644.01	56250.4	-0.40	56643.60	56552.51563	56818.07239	56728.65625	505120.7	5409629.8
L5120.0	505120.7	5409631.0	11079.79981	319.20	28.78	48.839631	-86.930214	56637.39	56250.4	-0.41	56636.99	56546.91797	56797.15548	56709.00391	505120.7	5409631.0
L5120.0	505120.7	5409632.6	11079.90039	319.12	32.23	48.839646	-86.930214	56630.73	56250.4	-0.41	56630.32	56541.27344	56777.37097	56690.50391	505120.7	5409632.6
L5120.0	505120.7	5409633.7	11080.00000	320.80	32.23	48.839656	-86.930214	56623.89	56250.4	-0.41	56623.48	56535.47266	56756.52213	56670.96094	505120.7	5409633.7
L5120.0	505120.7	5409635.1	11080.00000	320.80	31.84	48.839668	-86.930214	56617.46	56250.4	-0.41	56617.05	56530.09766	56745.35320	56661.12500	505120.7	5409635.1
L5120.0	505120.7	5409635.1	11080.20020	319.40	34.59	48.839668	-86.930214	56610.57	56250.4	-0.41	56610.16	56524.27734	56727.38714	56644.51172	505120.7	5409635.1
L5120.0	505120.7	5409636.9	11080.29981	319.67	34.59	48.839685	-86.930214	56603.66	56250.4	-0.41	56603.25	56518.44922	56710.72167	56629.22266	505120.7	5409636.9
L5120.0	505120.7	5409638.3	11080.40039	318.32	32.55	48.839697	-86.930214	56596.38	56250.4	-0.41	56595.97	56512.26172	56688.61661	56608.51172	505120.7	5409638.3
L5120.0	505120.7	5409638.3	11080.50000	318.34	34.51	48.839697	-86.930214	56589.59	56250.4	-0.40	56589.19	56506.58594	56677.28393	56598.59375	505120.7	5409638.3
L5120.0	505120.7	5409639.9	11080.59961	318.36	34.47	48.839712	-86.930214	56582.47	56250.4	-0.40	56582.06	56500.57422	56660.59037	56583.33984	505120.7	5409639.9
L5120.0	505120.7	5409641.5	11080.70020	318.69	34.47	48.839726	-86.930214	56575.61	56250.4	-0.40	56575.21	56494.85156	56650.25835	56574.46094	505120.7	5409641.5
L5120.0	505120.7	5409641.5	11080.79981	318.85	34.71	48.839726	-86.930214	56568.38	56250.4	-0.40	56567.98	56488.75781	56633.72088	56559.39844	505120.7	5409641.5
L5120.0	505120.6	5409643.0	11080.90039	316.64	35.54	48.839740	-86.930215	56561.39	56250.4	-0.40	56560.99	56482.91406	56622.53507	56549.69922	505120.6	5409643.0
L5120.0	505120.6	5409644.2	11081.00000	317.05	35.54	48.839750	-86.930215	56554.22	56250.4	-0.40	56553.82	56476.89844	56608.65622	56537.32813	505120.6	5409644.2
L5120.0	505120.6	5409645.6	11081.09961	317.23	34.27	48.839763	-86.930215	56547.28	56250.4	-0.40	56546.88	56471.12109	56599.70551	56529.90234	505120.6	5409645.6
L5120.0	505120.6	5409647.0	11081.20020	317.45	37.8	48.839775	-86.930216	56540.08	56250.4	-0.40	56539.68	56465.09375	56586.31236	56518.04688	505120.6	5409647.0
L5120.0	505120.5	5409648.0	11081.29981	318.52	37.8	48.839785	-86.930216	56533.04	56250.4	-0.40	56532.65	56459.24219	56576.49387	56509.78516	505120.5	5409648.0
L5120.0	505120.5	5409648.0	11081.40039	320.39	35.36	48.839785	-86.930216	56525.77	56250.4	-0.40	56525.37	56453.14844	56562.19889	56497.05469	505120.5	5409648.0
L5120.0	505120.5	5409649.6	11081.50000	319.99	35.15	48.839799	-86.930216	56518.70	56250.4	-0.40	56518.30	56447.26953	56552.03609	56488.47266	505120.5	5409649.6
L5120.0	505120.5	5409650.9	11081.59961	318.81	35.15	48.839810	-86.930217	56511.40	56250.4	-0.39	56511.00	56441.16406	56537.56924	56475.59766	505120.5	5409650.9
L5120.0	505120.5	5409652.1	11081.70020	320.15	38.92	48.839821	-86.930217	56504.43	56250.4	-0.39	56504.04	56435.40625	56529.52559	56469.16016	505120.5	5409652.1
L5120.0	505120.4	5409653.2	11081.79981	320.52	38.92	48.839831	-86.930217	56497.46	56250.4	-0.39	56497.07	56429.64063	56521.18186	56462.43359	505120.4	5409653.2
L5120.0	505120.4	5409654.7	11081.90039	319.62	32.75	48.839845	-86.930218	56490.55	56250.4	-0.39	56490.16	56423.94141	56513.78998	56456.66406	505120.4	5409654.7
L5120.0	505120.4	5409654.7	11082.00000	319.47	39.23	48.839845	-86.930218	56483.56	56250.4	-0.39	56483.17	56418.16016	56504.60387	56449.11328	505120.4	5409654.7
L5120.0	505120.4	5409656.4	11082.00000	319.47	39.23	48.839860	-86.930218	56476.69	56250.4	-0.39	56476.30	56412.50781	56497.36819	56443.52344	505120.4	5409656.4
L5120.0	505120.4	5409657.4	11082.20020	320.04	39.65	48.839869	-86.930218	56469.85	56250.4	-0.39	56469.46	56406.88281	56490.30035	56438.10547	505120.4	5409657.4
L5120.0	505120.3	5409658.7	11082.29981	319.43	39.66	48.839881	-86.930218	56463.21	56250.4	-0.39	56462.82	56401.46094	56486.60634	56436.07031	505120.3	5409658.7

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5120.0	505120.3	5409660.2	11082.40039	320.33	39.66	48.839894	-86.930219	56456.35	56250.4	-0.39	56455.96	56395.82031	56478.15163	56429.28125	505120.3	5409660.2
L5120.0	505120.3	5409660.2	11082.50000	319.28	40.15	48.839894	-86.930219	56449.64	56250.4	-0.39	56449.25	56390.32813	56471.99580	56424.79297	505120.3	5409660.2
L5120.0	505120.3	5409661.6	11082.59961	320.91	40.15	48.839907	-86.930219	56442.80	56250.4	-0.39	56442.41	56384.70703	56462.66529	56417.13672	505120.3	5409661.6
L5120.0	505120.3	5409662.4	11082.70020	319.41	40.61	48.839914	-86.930219	56436.12	56250.4	-0.39	56435.73	56379.24219	56455.72493	56411.87891	505120.3	5409662.4
L5120.0	505120.3	5409663.8	11082.79981	320.01	39.65	48.839927	-86.930219	56429.50	56250.4	-0.39	56429.11	56373.83984	56449.18912	56407.02344	505120.3	5409663.8
L5120.0	505120.3	5409664.7	11082.90039	320.02	39.65	48.839935	-86.930218	56422.89	56250.4	-0.39	56422.50	56368.44531	56442.02646	56401.54297	505120.3	5409664.7
L5120.0	505120.3	5409666.1	11083.00000	319.95	38.78	48.839947	-86.930218	56416.18	56250.4	-0.39	56415.79	56362.94531	56432.00854	56393.21094	505120.3	5409666.1
L5120.0	505120.4	5409667.5	11083.09961	319.99	38.78	48.839960	-86.930218	56409.65	56250.4	-0.39	56409.26	56357.62500	56424.60419	56387.49609	505120.4	5409667.5
L5120.0	505120.4	5409667.5	11083.20020	319.70	38.83	48.839960	-86.930218	56403.09	56250.4	-0.39	56402.69	56352.25781	56415.41984	56379.99609	505120.4	5409667.5
L5120.0	505120.4	5409669.2	11083.29981	318.79	38.83	48.839975	-86.930217	56396.64	56250.4	-0.40	56396.24	56347.01172	56407.58595	56373.85156	505120.4	5409669.2
L5120.0	505120.4	5409670.7	11083.40039	319.39	33.13	48.839989	-86.930217	56390.07	56250.4	-0.40	56389.68	56341.64844	56396.46514	56364.41406	505120.4	5409670.7
L5120.0	505120.5	5409671.9	11083.50000	321.50	33.73	48.839999	-86.930217	56383.70	56250.4	-0.40	56383.29	56336.44922	56387.61160	56357.24219	505120.5	5409671.9
L5120.0	505120.5	5409673.2	11083.59961	322.42	33.73	48.840011	-86.930216	56377.24	56250.4	-0.40	56376.84	56331.18359	56376.37369	56347.68359	505120.5	5409673.2
L5120.0	505120.5	5409674.5	11083.70020	322.82	37.15	48.840024	-86.930216	56370.83	56250.4	-0.40	56370.43	56325.95703	56364.71690	56337.70703	505120.5	5409674.5
L5120.0	505120.5	5409674.5	11083.79981	322.37	37.15	48.840024	-86.930216	56364.43	56250.4	-0.41	56364.02	56320.71875	56351.79885	56326.46094	505120.5	5409674.5
L5120.0	505120.6	5409675.6	11083.90039	321.21	37.89	48.840033	-86.930215	56358.20	56250.4	-0.41	56357.79	56315.65625	56341.21634	56317.54297	505120.6	5409675.6
L5120.0	505120.6	5409677.5	11084.00000	321.80	47.33	48.840050	-86.930214	56351.87	56250.4	-0.41	56351.46	56310.48438	56327.28579	56305.27734	505120.6	5409677.5
L5120.0	505120.7	5409678.8	11084.00000	321.80	47.33	48.840061	-86.930213	56345.82	56250.4	-0.41	56345.41	56305.58594	56317.63784	56297.28516	505120.7	5409678.8
L5120.0	505120.7	5409678.8	11084.20020	321.83	47.41	48.840061	-86.930213	56339.77	56250.4	-0.41	56339.37	56300.69141	56306.78726	56288.08203	505120.7	5409678.8
L5120.0	505120.8	5409680.3	11084.29981	322.62	47.41	48.840075	-86.930212	56333.78	56250.4	-0.40	56333.37	56295.82813	56295.30316	56278.23828	505120.8	5409680.3
L5120.0	505120.8	5409681.9	11084.40039	321.16	48.95	48.840090	-86.930212	56327.75	56250.4	-0.40	56327.34	56290.92578	56281.74601	56266.31641	505120.8	5409681.9
L5120.0	505120.8	5409681.9	11084.50000	320.49	48.95	48.840090	-86.930212	56321.91	56250.4	-0.40	56321.51	56286.21094	56270.68953	56256.88281	505120.8	5409681.9
L5120.0	505120.9	5409683.5	11084.59961	320.47	49.11	48.840104	-86.930211	56316.16	56250.4	-0.40	56315.76	56281.57031	56259.67948	56247.48828	505120.9	5409683.5
L5120.0	505120.9	5409684.9	11084.70020	321.21	50.01	48.840116	-86.930210	56310.40	56250.4	-0.40	56310.00	56276.90625	56246.88221	56236.29688	505120.9	5409684.9
L5120.0	505121.0	5409686.5	11084.79981	319.14	50.01	48.840131	-86.930209	56304.64	56250.4	-0.39	56304.24	56272.23438	56232.46665	56223.47656	505121.0	5409686.5
L5120.0	505121.0	5409686.5	11084.90039	319.19	50.27	48.840131	-86.930209	56299.04	56250.4	-0.39	56298.65	56267.71875	56219.75035	56212.34375	505121.0	5409686.5
L5120.0	505121.0	5409687.8	11085.00000	319.79	50.27	48.840143	-86.930209	56293.58	56250.4	-0.39	56293.19	56263.32422	56207.87203	56202.03516	505121.0	5409687.8
L5120.0	505121.0	5409689.4	11085.09961	319.65	49	48.840157	-86.930208	56288.02	56250.4	-0.39	56287.63	56258.82031	56192.26303	56187.98828	505121.0	5409689.4
L5120.0	505121.0	5409689.4	11085.20020	319.76	49	48.840157	-86.930208	56282.73	56250.4	-0.39	56282.34	56254.57422	56180.11427	56177.38672	505121.0	5409689.4
L5120.0	505121.1	5409690.8	11085.29981	318.35	50.78	48.840170	-86.930208	56277.56	56250.4	-0.40	56277.16	56250.42578	56168.21734	56167.02344	505121.1	5409690.8
L5120.0	505121.1	5409692.3	11085.40039	318.07	50.78	48.840183	-86.930208	56272.60	56250.4	-0.40	56272.20	56246.48438	56158.63900	56158.96875	505121.1	5409692.3
L5120.0	505121.1	5409693.7	11085.50000	318.89	51.92	48.840196	-86.930208	56267.58	56250.4	-0.40	56267.18	56242.46875	56145.87733	56147.71094	505121.1	5409693.7
L5120.0	505121.0	5409695.2	11085.59961	319.38	51.92	48.840210	-86.930208	56262.75	56250.4	-0.40	56262.35	56238.63281	56134.72598	56138.05078	505121.0	5409695.2
L5120.0	505121.0	5409695.2	11085.70020	319.32	52.38	48.840210	-86.930208	56257.90	56250.4	-0.40	56257.49	56234.75391	56120.87472	56125.67969	505121.0	5409695.2
L5120.0	505121.0	5409696.6	11085.79981	320.55	51.76	48.840222	-86.930209	56253.34	56250.4	-0.41	56252.93	56231.16016	56110.65433	56116.92188	505121.0	5409696.6
L5120.0	505121.0	5409697.9	11085.90039	321.10	51.76	48.840234	-86.930209	56248.94	56250.4	-0.41	56248.53	56227.71484	56101.31499	56109.02734	505121.0	5409697.9
L5120.0	505121.0	5409699.2	11086.00000	320.42	53.85	48.840245	-86.930209	56244.83	56250.4	-0.41	56244.42	56224.54688	56095.33080	56104.47266	505121.0	5409699.2
L5120.0	505121.0	5409699.2	11086.00000	320.42	53.85	48.840245	-86.930209	56240.60	56250.4	-0.41	56240.19	56221.24219	56084.74374	56095.30078	505121.0	5409699.2
L5120.0	505121.0	5409700.8	11086.20020	319.97	52.92	48.840260	-86.930209	56236.75	56250.4	-0.41	56236.34	56218.30469	56079.19460	56091.14844	505121.0	5409700.8
L5120.0	505121.0	5409702.1	11086.29981	320.42	52.92	48.840271	-86.930209	56232.85	56250.4	-0.41	56232.44	56215.30469	56070.34149	56083.67578	505121.0	5409702.1
L5120.0	505121.0	5409703.3	11086.40039	320.25	53.71	48.840282	-86.930209	56229.39	56250.4	-0.41	56228.99	56212.74219	56067.86093	56082.55859	505121.0	5409703.3
L5120.0	505121.0	5409704.4	11086.50000	320.04	54.48	48.840292	-86.930209	56225.85	56250.4	-0.40	56225.44	56210.06250	56061.06802	56077.10938	505121.0	5409704.4
L5120.0	505121.0	5409705.7	11086.59961	320.92	54.48	48.840303	-86.930209	56222.64	56250.4	-0.40	56222.23	56207.70703	56058.50350	56075.87500	505121.0	5409705.7
L5120.0	505121.0	5409705.7	11086.70020	319.82	54.15	48.840303	-86.930209	56219.32	56250.4	-0.40	56218.92	56205.24219	56051.59033	56070.27344	505121.0	5409705.7
L5120.0	505121.0	5409707.4	11086.79981	320.78	54.15	48.840319	-86.930209	56216.27	56250.4	-0.40	56215.87	56203.01953	56047.32929	56067.30078	505121.0	5409707.4
L5120.0	505121.0	5409708.8	11086.90039	320.07	49.87	48.840332	-86.930209	56213.38	56250.4	-0.40	56212.97	56200.92969	56043.55613	56064.80078	505121.0	5409708.8
L5120.0	505121.0	5409710.1	11087.00000	319.78	48.99	48.840343	-86.930209	56210.79	56250.4	-0.40	56210.39	56199.14844	56043.59567	56066.09375	505121.0	5409710.1
L5120.0	505121.0	5409711.2	11087.09961	319.11	48.99	48.840353	-86.930209	56208.16	56250.4	-0.40	56207.76	56197.30078	56040.19819	56063.93359	505121.0	5409711.2
L5120.0	505121.0	5409711.2	11087.20020	319.22	50.65	48.840353	-86.930209	56205.84	56250.4	-0.40	56205.44	56195.75000	56040.42686	56065.37891	505121.0	5409711.2
L5120.0	505121.0	5409712.4	11087.29981	319.43	53.39	48.840364	-86.930209	56203.59	56250.4	-0.41	56203.18	56194.24219	56039.37959	56065.52734	505121.0	5409712.4
L5120.0	505121.0	5409713.9	11087.40039	318.84	53.39	48.840377	-86.930209	56201.57	56250.4	-0.41	56201.16	56192.96094	56040.60948	56067.93359	505121.0	5409713.9
L5120.0	505121.0	5409715.3	11087.50000	321.44	54.94	48.840390	-86.930208	56199.64	56250.4	-0.41	56199.23	56191.75391	56041.17648	56069.66016	505121.0	5409715.3
L5120.0	505121.0	5409716.4	11087.59961	323.06	54.94	48.840400	-86.930208	56197.82	56250.4	-0.41	56197.41	56190.64453	56041.48985	56071.11328	505121.0	5409716.4
L5120.0	505121.0	5409716.4	11087.70020	322.27	54.94	48.840400	-86.930208	56195.96	56250.4	-0.41	56195.55	56189.47656	56038.59466	56069.33594	505121.0	5409716.4
L5120.0	505121.0	5409717.6	11087.79981	321.71	53.72	48.840410	-86.930208	56194.51	56250.4	-0.42	56194.09	56188.69531	56041.24876	56073.08984	505121.0	5409717.6
L5120.0	505121.1	5409718.8	11087.90039	320.51	57.35	48.840421	-86.930208	56193.08	56250.4	-0.42	56192.66	56187.92969	56042.15060	56075.07422	505121.1	5409718.8
L5120.0	505121.1	5409720.0	11088.00000	319.98	57.35	48.840432	-86.930208	56191.95	56250.4	-0.42	56191.53	56187.44922	56046.70728	56080.69141	505121.1	5409720.0
L5120.0	505121.1	5409720.0	11088.00000	319.98	58.2	48.840432	-86.930208	56190.81	56250.4	-0.42	56190.39	56186.94531	56048.79577	56083.82031	505121.1	5409720.0
L5120.0	505121.1	5409721.2	11088.20020	320.14	58.2	48.840443	-86.930208	56189.98	56250.4	-0.41	56189.57	56186.74219	56055.06482	56091.11328	505121.1	5409721.2
L5120.0	505121.1	5409722.5	11088.29981	320.92	58.2	48.840455	-86.930207	56189.10	56250.4	-0.41	56188.69	56186.46875	56057.96738	56095.01563	505121.1	5409722.5
L5120.0	505121.1	5409723.7	11088.40039	320.72	58.48	48.840466	-86.930207	56188.26	56250.4	-0.41	56187.85	56186.21875	56059.55616	56097.58594	505121.1	5409723.7
L5120.0	505121.1	5409723.7	11088.50000	318.81	58.61	48.840466	-86.930207	56187.55	56250.4	-0.40	56187.14	56186.08203	56061.70563	56100.69922	505121.1	5409723.7
L5120.0	505121.1	5409724.8	11088.59961	321.17	58.61	48.840476	-86.930207	56186.90	56250.4	-0.40	56186.50	56186.00391	56063.26588	56103.20313	505121.1	5409724.8
L5120.0	505121.1	5409726.0	11088.70020	321.42	58.6	48.840486	-86.930207	56186.44	56250.4	-0.40	56186.04	56186.09375	56066.51591	56107.37891	505121.1	5409726.0
L5120.0	505121.1	5409726.9	11088.79981	321.17	59.09	48.840495	-86.930207	56186.14	56250.4	-0.40	56185.75	56186.33594	56071.31230	56113.07813	505121.1	5409726.9
L5120.0	505121.1	5409728.4	11088.90039	321.23	59.09	48.840508	-86.930207	56185.78	56250.4	-0.39	56185.38	56186.48438	56072.67787	56115.33203	505121.1	5409728.4
L5120.0	505121.1	5409728.4	11089.00000	321.10	59.16	48.840508	-86.930207	56185.75	56250.4	-0.39	56185.36	56186.96875	56079.33995	56122.85938	505121.1	5409728.4
L5120.0	505121.1	5409729.7	11089.09961	320.76	59.16	48.840520	-86.930207	56185.66	56250.4	-0.39	56185.27	56187.37109	56082.90874	56127.27734	505121.1	5409729.7
L5120.0	505121.2	5409730.6	11089.20020	321.01	59.3	48.840528	-86.930206	56185.66	56250.4	-0.38	56185.27	56187.84766	56086.65581	56131.85156	505121.2	5409730.6
L5120.0	505121.2	5409731.7	11089.29981	321.56	59.4	48.840538	-86.930206	56185.78	56250.4	-0.38	56185.40	56188.44141	56091.43293	56137.44141	505121.2	5409731.7
L5120.0	505121.2	5409731.7	11089.40039	322.59	59.4	48.840538	-86.930206	56185.91	56250.4	-0.37	56185.53	56189.01953	56094.70263	56141.50000	505121.2	5409731.7
L5120.0	505121.2	5409732.9	11089.50000	323.46	59.44	48.840549	-86.930206	56186.08	56250.4	-0.37	56185.71	56189.63672	56097.53198	56145.10156	505121.2	5409732.9
L5120.0	505121.2	5409734.1	11089.59961	322.43	59.44	48.840559	-86.930206	56186.43	56250.4	-0.37	56186.06	56190.41016	56102.35654	56150.68359	505121.2	5409734.1
L5120.0	505121.2	5409735.1	11089.70020	320.81	54.46	48.840569	-86.930205	56186.82	56250.4	-0.36	56186.46	56191.21875	56106.85380	56155.91797	505121.2	5409735.1
L5120.0	505121.2	5409735.1	11089.79981	319.48	55.64	48.840569	-86.930205	56187.27	56250.4	-0.36	56186.91	56192.06641	56111.08121	56160.86328	505121.2	5409735.1
L5120.0	505121.3	5409736.4	11089.90039	317.84	55.64	48.840580	-86.930205	56187.79	56250.4	-0.35	56187.43	56192.97266	56115.49222	56165.97656	505121.3	5409736.4
L5120.0	505121.3	5409737.4	11090.00000	316.39	55.35	48.840589	-86.930204	56188.34	56250.3	-0.35	56187.99	56193.90625	56119.56405	56170.73438	505121.3	5409737.4
L5120.0	505121.3	5409738.1	11090.00000	316.39	58.33	48.840595	-86.930204	56188.99	56250.3	-0.35	56188.64	56194.91406	56124.32031	56176.15625	505121.3	5409738.1
L5120.0	505121.4	5409739.1	11090.09961	316.39	58.33	48.840604	-86.930203	56189.64	56250.4	-0.35	56189.29	56195.91406	56128.07109	56180.55859	505121.4	5409739.1
L5120.0	505121.4	5409740.0	11090.20020	318.89	51.2	48.840613	-86.930203	56190.37	56250.4	-0.36	56190.01	56196.96875	56132.23271	56185.35547	505121.4	5409740.0
L5120.0	505121.4	5409740.0	11090.20020	318.89	51.2	48.840613	-86.930203	56191.09	56250.4	-0.36	56190.73	56198.01172	56135.51675	56189.25391	505121.4	5409740.0
L5120.0	505121.5	5409741.2	11090.50000	318.88	54.76	48.840623	-86.930202	56191.90	56250.4	-0.38	56191.53	56199.12500	56139.52909	56193.86719	505121.5	5409741.2
L5120.0	505121.5	5409742.0	11090.59961	318.32	58.67	48.840630	-86.930202	56192.70	56250.4	-0.38	56192.32	56200.21875	56142.59591	56197.51953	505121.5	5409742.0
L5120.0	505121.5	5409742.0	11090.70020	319.52	58.67	48.840630	-86.930202	56193.61	56250.4	-0.39	56193.22	56201.40625	56147.10482	56202.59766	505121.5	5409742.0
L5120.0	505121.5	5409743.2	11090.79981	317.73	55.51	48.840641	-86.930201	56194.55	56250.4	-0.39	56194.16	56202.62500	56151.78035	56207.82813	505121.5	5409743.2
L5120.0	505121.6	5409744.5	11090.90039	317.01	45.89	48.840653	-86.930200	56195.38	56250.4	-0.40	56194.98	56203.71484	56153.56546	56210.15234	505121.6	5409744.5
L5120.0	505121.6	5409744.5	11091.00000	317.14	45.89	48.840653	-86.930200	56196.26	56250.4	-0.40	56195.86	56204.85156	56156.03208	56213.14063	505121.6	5409744.5
L5120.0	505121.7	5409746.4	11091.09961	317.11	45.89	48.840670	-86.930199	56197.16	56250.4	-0.40	56196.76	56206.00000	56158.46668	56216.08594	505121.7	5409746.4
L5120.0	505121.7	5409746.4	11091.20020	318.33	47.33	48.840670	-86.930199	56198.06	56250.4	-0.40	56197.66	56207.13672	56160.52991	56218.64453	505121.7	5409746.4
L5120.0	505121.7	5409747.3	11091.29981	319.20	52.17	48.840678	-86.930199	56198.96	56250.4	-0.40	56198.56	56208.26563	56162.27657	56220.87109	505121.7	5409747.3
L5120.0	505121.7	5409748.0	11091.40039	320.88	52.17	48.840684	-86.930199	56199.84	56250.4	-0.40	56199.44	56209.35938	56163.34095	56222.40234	505121.7	5409748.0
L5120.0	505121.7	5409748.0	11091.50000	321.64	55.65	48.840684	-86.930199	56200.74	56250.4	-0.40	56200.34	56210.46875	56164.58205	56224.09766	505121.7	5409748.0
L5120.0	505121.7	5409748.9	11091.59961	322.26	55.65	48.840692	-86.930199	56201.68	56250.4	-0.40	56201.28	56211.60938	56166.46918	56226.42578	505121.7	5409748.9

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5120.0	505121.7	5409749.7	11091.70020	320.75	58.03	48.840699	-86.930199	56202.65	56250.4	-0.40	56202.25	56212.76563	56168.85129	56229.23438	505121.7	5409749.7
L5120.0	505121.7	5409750.5	11091.79981	322.13	52.12	48.840706	-86.930199	56203.64	56250.4	-0.40	56203.24	56213.93750	56171.56548	56232.36719	505121.7	5409750.5
L5120.0	505121.7	5409751.4	11091.90039	324.29	58.63	48.840715	-86.930199	56204.62	56250.4	-0.40	56204.22	56215.08984	56174.01123	56235.21484	505121.7	5409751.4
L5120.0	505121.7	5409751.4	11092.00000	326.16	58.63	48.840715	-86.930199	56205.58	56250.4	-0.40	56205.18	56216.21094	56175.99900	56237.59375	505121.7	5409751.4
L5120.0	505121.7	5409752.2	11092.00000	326.16	59.31	48.840722	-86.930199	56206.55	56250.4	-0.40	56206.15	56217.33594	56178.20017	56240.17188	505121.7	5409752.2
L5120.0	505121.7	5409752.8	11092.20020	327.58	59.31	48.840728	-86.930199	56207.58	56250.4	-0.40	56207.18	56218.51172	56181.72426	56244.06641	505121.7	5409752.8
L5120.0	505121.7	5409753.6	11092.29981	326.55	59.28	48.840734	-86.930199	56208.49	56250.4	-0.40	56208.10	56219.57031	56182.91274	56245.60938	505121.7	5409753.6
L5120.0	505121.7	5409754.4	11092.40039	324.91	59.28	48.840742	-86.930199	56209.56	56250.4	-0.40	56209.17	56220.77344	56187.43214	56250.47656	505121.7	5409754.4
L5120.0	505121.7	5409755.1	11092.50000	325.08	59.65	48.840748	-86.930199	56210.52	56250.4	-0.40	56210.12	56221.84766	56189.43303	56252.81250	505121.7	5409755.1
L5120.0	505121.7	5409755.1	11092.59961	322.51	59.5	48.840748	-86.930199	56211.50	56250.4	-0.39	56211.11	56222.95313	56192.41854	56256.12109	505121.7	5409755.1
L5120.0	505121.7	5409755.8	11092.70020	320.31	59.29	48.840754	-86.930198	56212.50	56250.4	-0.39	56212.10	56224.05078	56195.53647	56259.55469	505121.7	5409755.8
L5120.0	505121.7	5409756.5	11092.79981	319.43	59.29	48.840760	-86.930198	56213.45	56250.4	-0.39	56213.05	56225.10547	56197.92974	56262.25391	505121.7	5409756.5
L5120.0	505121.8	5409757.3	11092.90039	318.48	59.26	48.840768	-86.930198	56214.39	56250.4	-0.39	56214.00	56226.14844	56200.48987	56265.10938	505121.8	5409757.3
L5120.0	505121.8	5409757.3	11093.00000	320.35	59.06	48.840768	-86.930198	56215.28	56250.4	-0.39	56214.89	56227.12891	56201.92459	56266.83203	505121.8	5409757.3
L5120.0	505121.8	5409758.1	11093.09961	323.03	59.06	48.840775	-86.930198	56216.11	56250.4	-0.39	56215.72	56228.04297	56202.25249	56267.43750	505121.8	5409758.1
L5120.0	505121.8	5409758.8	11093.20020	322.36	54.53	48.840781	-86.930197	56216.98	56250.4	-0.39	56216.59	56228.98828	56203.66888	56269.12500	505121.8	5409758.8
L5120.0	505121.8	5409759.6	11093.29981	320.80	54.53	48.840788	-86.930197	56217.97	56250.4	-0.38	56217.58	56230.04688	56207.92039	56273.63672	505121.8	5409759.6
L5120.0	505121.8	5409759.6	11093.40039	321.29	38.87	48.840788	-86.930197	56218.77	56250.4	-0.38	56218.39	56230.92188	56208.50286	56274.47266	505121.8	5409759.6
L5120.0	505121.8	5409760.2	11093.50000	322.22	38.87	48.840794	-86.930197	56219.70	56250.4	-0.38	56219.32	56231.91406	56211.93984	56278.15625	505121.8	5409760.2
L5120.0	505121.8	5409760.9	11093.59961	324.77	43.19	48.840801	-86.930198	56220.46	56250.4	-0.38	56220.08	56232.72656	56211.96658	56278.42188	505121.8	5409760.9
L5120.0	505121.8	5409760.9	11093.70020	324.85	43.19	48.840801	-86.930198	56221.34	56250.4	-0.38	56220.96	56233.65625	56214.86430	56281.55078	505121.8	5409760.9
L5120.0	505121.8	5409761.5	11093.79981	322.52	58.56	48.840805	-86.930198	56222.12	56250.4	-0.37	56221.74	56234.48047	56215.89699	56282.80469	505121.8	5409761.5
L5120.0	505121.8	5409762.0	11093.90039	321.08	58.41	48.840810	-86.930198	56222.91	56250.4	-0.37	56222.54	56235.31641	56217.66555	56284.78906	505121.8	5409762.0
L5120.0	505121.8	5409762.5	11094.00000	323.21	58.41	48.840815	-86.930198	56223.64	56250.4	-0.37	56223.27	56236.08203	56218.24667	56285.58203	505121.8	5409762.5
L5120.0	505121.8	5409763.2	11094.00000	323.21	48.62	48.840821	-86.930198	56224.36	56250.4	-0.37	56223.99	56236.83203	56218.94283	56286.48438	505121.8	5409763.2
L5120.0	505121.8	5409763.2	11094.20020	324.71	48.62	48.840821	-86.930198	56225.19	56250.4	-0.37	56224.82	56237.68750	56222.33222	56290.07031	505121.8	5409763.2
L5120.0	505121.8	5409763.8	11094.29981	324.96	47.81	48.840826	-86.930197	56226.00	56250.4	-0.37	56225.63	56238.51953	56225.63154	56293.56250	505121.8	5409763.8
L5120.0	505121.8	5409763.8	11094.40039	325.11	47.05	48.840826	-86.930197	56226.76	56250.4	-0.37	56226.39	56239.29688	56228.20772	56296.32422	505121.8	5409763.8
L5120.0	505121.8	5409764.2	11094.50000	323.34	47.05	48.840830	-86.930197	56227.46	56250.4	-0.38	56227.08	56240.00000	56229.64810	56297.94922	505121.8	5409764.2
L5120.0	505121.8	5409764.7	11094.59961	321.81	46.86	48.840835	-86.930197	56228.18	56250.4	-0.38	56227.80	56240.72656	56232.08360	56300.55859	505121.8	5409764.7
L5120.0	505121.8	5409765.2	11094.70020	321.28	46.86	48.840839	-86.930197	56228.91	56250.4	-0.38	56228.53	56241.46484	56235.08588	56303.73438	505121.8	5409765.2
L5120.0	505121.8	5409765.2	11094.79981	321.83	46.82	48.840839	-86.930197	56229.60	56250.4	-0.38	56229.22	56242.15625	56237.60323	56306.41797	505121.8	5409765.2
L5120.0	505121.8	5409765.5	11094.90039	321.06	46.73	48.840842	-86.930197	56230.19	56250.4	-0.38	56229.81	56242.74609	56238.39654	56307.37500	505121.8	5409765.5
L5120.0	505121.9	5409766.0	11095.00000	320.54	46.73	48.840847	-86.930196	56230.88	56250.4	-0.38	56230.50	56243.43359	56241.63656	56310.77344	505121.9	5409766.0
L5120.0	505121.9	5409766.4	11095.09961	320.49	47.72	48.840850	-86.930196	56231.48	56250.4	-0.38	56231.10	56244.02734	56243.37539	56312.66406	505121.9	5409766.4
L5120.0	505121.9	5409766.8	11095.20020	317.89	47.98	48.840853	-86.930196	56232.04	56250.4	-0.38	56231.66	56244.57422	56244.66482	56314.10547	505121.9	5409766.8
L5120.0	505121.9	5409766.8	11095.29981	318.93	47.94	48.840853	-86.930196	56232.73	56250.4	-0.37	56232.36	56245.26563	56249.16374	56318.75000	505121.9	5409766.8
L5120.0	505121.9	5409767.1	11095.40039	322.68	47.94	48.840856	-86.930196	56233.25	56250.4	-0.37	56232.88	56245.76953	56250.36905	56320.09766	505121.9	5409767.1
L5120.0	505121.9	5409767.4	11095.50000	322.21	54.06	48.840859	-86.930196	56233.70	56250.4	-0.37	56233.33	56246.20313	56250.55466	56320.42188	505121.9	5409767.4
L5120.0	505121.9	5409767.8	11095.59961	321.11	54.06	48.840862	-86.930195	56234.22	56250.4	-0.37	56233.85	56246.70313	56252.52446	56322.53125	505121.9	5409767.8
L5120.0	505121.9	5409768.1	11095.70020	319.95	54.06	48.840865	-86.930195	56234.69	56250.4	-0.37	56234.32	56247.15234	56253.88326	56324.02344	505121.9	5409768.1
L5120.0	505121.9	5409768.1	11095.79981	322.14	54.35	48.840865	-86.930195	56235.11	56250.4	-0.36	56234.74	56247.54688	56254.64779	56324.91797	505121.9	5409768.1
L5120.0	505121.9	5409768.4	11095.90039	320.45	55.77	48.840868	-86.930195	56235.44	56250.4	-0.36	56235.08	56247.86328	56254.24414	56324.64453	505121.9	5409768.4
L5120.0	505122.0	5409768.7	11096.00000	322.49	56.7	48.840871	-86.930195	56235.84	56250.4	-0.36	56235.48	56248.23828	56255.41442	56325.94141	505122.0	5409768.7
L5120.0	505122.0	5409768.7	11096.00000	322.49	56.7	48.840871	-86.930195	56236.18	56250.4	-0.36	56235.82	56248.54688	56255.81217	56326.46484	505122.0	5409768.7
L5120.0	505122.0	5409769.1	11096.20020	323.86	56.04	48.840874	-86.930195	56236.46	56250.4	-0.36	56236.11	56248.80859	56255.63154	56326.40625	505122.0	5409769.1
L5120.0	505122.0	5409769.3	11096.29981	320.14	55.86	48.840876	-86.930195	56236.77	56250.4	-0.36	56236.42	56249.08594	56256.23395	56327.12891	505122.0	5409769.3
L5120.0	505122.0	5409769.6	11096.40039	319.17	55.86	48.840878	-86.930195	56236.98	56250.4	-0.36	56236.62	56249.25391	56255.06733	56326.07813	505122.0	5409769.6
L5120.0	505122.0	5409769.6	11096.50000	319.18	54.6	48.840878	-86.930195	56237.18	56250.4	-0.35	56236.83	56249.43359	56254.46494	56325.59375	505122.0	5409769.6
L5120.0	505121.9	5409769.8	11096.59961	318.42	54.6	48.840880	-86.930195	56237.36	56250.4	-0.35	56237.00	56249.56641	56253.42432	56324.67188	505121.9	5409769.8
L5120.0	505121.9	5409770.0	11096.70020	317.99	53.43	48.840882	-86.930195	56237.54	56250.4	-0.35	56237.18	56249.71094	56252.92153	56324.28125	505121.9	5409770.0
L5120.0	505121.9	5409770.2	11096.79981	319.02	52.86	48.840884	-86.930196	56237.69	56250.4	-0.35	56237.34	56249.83594	56252.34547	56323.82031	505121.9	5409770.2
L5120.0	505121.9	5409770.3	11096.90039	318.21	52.86	48.840885	-86.930196	56237.84	56250.4	-0.35	56237.49	56249.94922	56251.88221	56323.46875	505121.9	5409770.3
L5120.0	505121.9	5409770.3	11097.00000	319.59	52.68	48.840885	-86.930196	56237.84	56250.3	-0.35	56237.49	56249.91406	56248.61478	56320.31641	505121.9	5409770.3
L5120.0	505121.9	5409770.4	11097.09961	320.69	52.68	48.840886	-86.930196	56237.90	56250.3	-0.35	56237.55	56249.93359	56246.83619	56318.64844	505121.9	5409770.4
L5120.0	505121.9	5409770.5	11097.20020	321.29	51.34	48.840887	-86.930196	56237.84	56250.3	-0.35	56237.49	56249.83984	56242.76066	56314.68359	505121.9	5409770.5
L5120.0	505121.8	5409770.6	11097.29981	322.49	51.34	48.840888	-86.930197	56237.82	56250.3	-0.34	56237.47	56249.78125	56239.72994	56311.76563	505121.8	5409770.6
L5120.1	505123.1	5409663.1	21480.30078	375.95	0	48.839920	-86.930180	56343.55	56220	29.98	56373.53	56393.35938	56547.13659	56422.79297	505123.1	5409663.1
L5120.1	505123.1	5409663.1	21480.40039	376.40	0	48.839920	-86.930180	56342.89	56220	29.98	56372.87	56391.76953	56537.65164	56413.68750	505123.1	5409663.1
L5120.1	505123.1	5409663.4	21480.50000	372.53	0	48.839923	-86.930180	56342.18	56220	29.98	56372.16	56390.12891	56527.38436	56403.80078	505123.1	5409663.4
L5120.1	505123.1	5409663.6	21480.59961	371.32	0	48.839925	-86.930180	56341.58	56220	29.98	56371.56	56388.59766	56520.11847	56396.91406	505123.1	5409663.6
L5120.1	505123.1	5409663.6	21480.69922	369.84	0	48.839925	-86.930180	56340.92	56220	29.98	56370.90	56387.00391	56511.84209	56389.01953	505123.1	5409663.6
L5120.1	505123.1	5409663.9	21480.80078	371.26	0	48.839928	-86.930180	56340.46	56220	29.98	56370.44	56385.61328	56508.70050	56386.26172	505123.1	5409663.9
L5120.1	505123.1	5409663.9	21480.90039	370.76	0	48.839928	-86.930180	56339.92	56220	29.98	56369.90	56384.14453	56504.08269	56382.02734	505123.1	5409663.9
L5120.1	505123.1	5409664.6	21481.00000	370.70	0	48.839934	-86.930180	56339.26	56220	29.98	56369.24	56382.55859	56497.04664	56375.37500	505123.1	5409664.6
L5120.1	505123.1	5409664.6	21481.09961	370.24	0	48.839934	-86.930180	56338.96	56220	29.98	56368.94	56381.33203	56498.93345	56377.64844	505123.1	5409664.6
L5120.1	505123.1	5409665.0	21481.19922	369.70	0	48.839938	-86.930180	56338.47	56220	29.98	56368.45	56379.91797	56496.75308	56375.85938	505123.1	5409665.0
L5120.1	505123.1	5409665.3	21481.30078	369.69	0	48.839941	-86.930180	56337.83	56220	29.97	56367.81	56378.35547	56491.45217	56370.94922	505123.1	5409665.3
L5120.1	505123.1	5409665.3	21481.40039	370.40	0	48.839941	-86.930180	56337.27	56220	29.97	56367.24	56376.86328	56488.22898	56368.11719	505123.1	5409665.3
L5120.1	505123.1	5409665.8	21481.50000	370.19	0	48.839945	-86.930180	56336.61	56220	29.97	56366.58	56375.28516	56483.30496	56363.58984	505123.1	5409665.8
L5120.1	505123.1	5409666.2	21481.59961	369.12	0	48.839949	-86.930181	56335.67	56220	29.97	56365.64	56373.42969	56472.19252	56352.87891	505123.1	5409666.2
L5120.1	505123.1	5409666.2	21481.69922	370.03	0	48.839949	-86.930181	56335.25	56220	29.97	56365.22	56372.09766	56473.78957	56354.87891	505123.1	5409666.2
L5120.1	505123.1	5409666.7	21481.69922	370.03	0	48.839953	-86.930181	56334.77	56220	29.97	56364.73	56370.69922	56474.15890	56355.65234	505123.1	5409666.7
L5120.1	505123.1	5409666.7	21481.90039	366.90	0	48.839953	-86.930181	56334.28	56220	29.96	56364.24	56369.30078	56474.95348	56356.85156	505123.1	5409666.7
L5120.1	505123.1	5409667.1	21482.00000	363.59	0	48.839957	-86.930181	56333.60	56220	29.96	56363.56	56367.71875	56471.68413	56353.99609	505123.1	5409667.1
L5120.1	505123.1	5409667.6	21482.09961	364.45	0	48.839961	-86.930181	56333.16	56220	29.96	56363.12	56366.37891	56474.50699	56357.23828	505123.1	5409667.6
L5120.1	505123.1	5409667.6	21482.19922	375.12	0	48.839961	-86.930181	56332.04	56220	29.97	56362.01	56364.37500	56461.92414	56345.07813	505123.1	5409667.6
L5120.1	505123.1	5409668.2	21482.30078	374.08	0	48.839967	-86.930181	56331.56	56220	29.97	56361.52	56362.99219	56464.40592	56347.98438	505123.1	5409668.2
L5120.1	505123.1	5409668.8	21482.40039	372.58	0	48.839971	-86.930180	56331.22	56220	29.97	56361.20	56361.78516	56471.31981	56355.32813	505123.1	5409668.8
L5120.1	505123.1	5409668.8	21482.50000	372.80	0	48.839971	-86.930180	56329.96	56220	29.97	56359.94	56359.64063	56456.44223	56340.88672	505123.1	5409668.8
L5120.1	505123.2	5409669.2	21482.59961	372.47	0	48.839975	-86.930180	56329.56	56220	29.98	56359.54	56358.36328	56462.28961	56347.17578	505123.2	5409669.2
L5120.1	505123.2	5409669.7	21482.69922	371.69	0	48.839980	-86.930179	56328.42	56220	29.98	56358.40	56356.35156	56451.06275	56336.39453	505123.2	5409669.7
L5120.1	505123.2	5409670.4	21482.80078	374.15	0	48.839986	-86.930179	56327.50	56220	29.98	56357.48	56354.56250	56445.43467	56331.21875	505123.2	5409670.4
L5120.1	505123.2	5409670.4	21482.90039	375.23	0	48.839986	-86.930179	56326.47	56220	29.99	56356.46	56352.67969	56437.84170	56324.08203	505123.2	5409670.4
L5120.1	505123.3	5409670.9	21483.00000	375.43	0	48.839991	-86.930178	56325.74	56220	29.99	56355.73	56351.09375	56437.49148	56324.19531	505123.3	5409670.9
L5120.1	505123.3	5409671.6	21483.09961	378.01	0	48.839997	-86.930178	56325.07	56220	29.99	56355.06	56349.57422	56438.94552	56326.12109	505123.3	5409671.6
L5120.1	505123.3	5409671.6	21483.19922	376.40	0	48.839997	-86.930178	56324.07	56220	29.99	56354.06	56347.73047	56432.98544	56320.63672	505123.3	5409671.6
L5120.1	505123.4	5409672.3	21483.30078	376.32	0	48.840003	-86.930177	56323.77	56220	29.98	56353.75	56346.58203	56443.69965	56331.83594	505123.4	5409672.3
L5120.1	505123.4	5409672.9	21483.40039	374.51	0	48.840009	-86.930177	56322.09	56220	29.98	56352.07	56344.07422	56422.42008	56311.04688	505123.4	5409672.9
L5120.1	505123.4	5409673.5	21483.50000	374.35	0	48.840014	-86.930176	56321.53	56220	29.98	56351.51	56342.68750	56427.95892	56317.08203	505123.4	5409673.5
L5120.1	505123.4	5409674.1	21483.59961	376.59	0	48.840019	-86.930176	56320.10	56220	29.98	56350.08	56340.44141	56413.30092	56302.92969	505123.4	5409674.1
L5120.1	505123.4	5409674.1	21483.69922	378.81	0	48.840019	-86.930176	56319.50	56220	29.98	56349.48	56339.03516	56418.59609	56308.73828	505123.4	5409674.1
L5120.1	505123.5	5409674.8	21483.69922	378.81	0	48.840026	-86.930176	56318.19	56220	29.98	56348.16	56336.91016	56407.22221	56297.88672	505123.5	5409674.8

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5120.1	505123.5	5409675.7	21483.90039	374.57	0	48.840034	-86.930175	56317.29	56220	29.97	56347.26	56335.21875	56406.10026	56297.29297	505123.5	5409675.7
L5120.1	505123.5	5409675.7	21484.00000	374.47	0	48.840034	-86.930175	56316.16	56220	29.97	56346.13	56333.30469	56399.86726	56291.59766	505123.5	5409675.7
L5120.1	505123.5	5409676.4	21484.09961	374.94	0	48.840041	-86.930175	56314.99	56220	29.97	56344.96	56331.35547	56393.00254	56285.28125	505123.5	5409676.4
L5120.1	505123.5	5409677.3	21484.19922	375.59	0	48.840048	-86.930175	56313.69	56220	29.97	56343.67	56329.29688	56383.60713	56276.44141	505123.5	5409677.3
L5120.1	505123.5	5409677.3	21484.30078	377.43	0	48.840048	-86.930175	56313.08	56220	29.98	56343.05	56327.91797	56390.33302	56283.72656	505123.5	5409677.3
L5120.1	505123.5	5409678.5	21484.40039	378.28	0	48.840059	-86.930176	56311.80	56220	29.98	56341.78	56325.89844	56381.98926	56275.95703	505123.5	5409678.5
L5120.1	505123.5	5409679.8	21484.50000	379.54	0	48.840071	-86.930176	56310.88	56220	29.98	56340.86	56324.23828	56382.18795	56276.73828	505123.5	5409679.8
L5120.1	505123.5	5409679.8	21484.59961	378.57	0	48.840071	-86.930176	56309.25	56220	29.98	56339.23	56321.87891	56365.87936	56261.01953	505123.5	5409679.8
L5120.1	505123.5	5409680.7	21484.69922	379.71	0	48.840078	-86.930176	56308.18	56220	29.98	56338.16	56320.08594	56363.05307	56258.79688	505123.5	5409680.7
L5120.1	505123.5	5409680.7	21484.80078	380.76	0	48.840078	-86.930176	56307.33	56220	29.99	56337.32	56318.53516	56365.90304	56262.25781	505123.5	5409680.7
L5120.1	505123.5	5409681.4	21484.90039	381.47	0	48.840086	-86.930176	56306.44	56220	29.99	56336.43	56316.94531	56367.80412	56264.77734	505123.5	5409681.4
L5120.1	505123.5	5409682.4	21485.00000	381.19	0	48.840094	-86.930176	56305.37	56220	29.99	56335.36	56315.18750	56365.67428	56263.27734	505123.5	5409682.4
L5120.1	505123.5	5409682.4	21485.09961	378.75	0	48.840094	-86.930176	56304.25	56220	29.99	56334.24	56313.38672	56362.57307	56260.82031	505123.5	5409682.4
L5120.1	505123.5	5409683.4	21485.19922	380.53	0	48.840103	-86.930176	56303.28	56220	29.99	56333.27	56311.75000	56363.21341	56262.11328	505123.5	5409683.4
L5120.1	505123.4	5409684.5	21485.30078	380.06	0	48.840113	-86.930176	56302.10	56220	30.00	56332.09	56309.91406	56359.07967	56258.64063	505123.4	5409684.5
L5120.1	505123.4	5409684.5	21485.40039	382.03	0	48.840113	-86.930176	56300.66	56220	30.00	56330.65	56307.82813	56348.97895	56249.21484	505123.4	5409684.5
L5120.1	505123.4	5409685.5	21485.50000	376.52	0	48.840122	-86.930176	56299.44	56220	30.00	56329.44	56305.98438	56344.47416	56245.39453	505123.4	5409685.5
L5120.1	505123.4	5409686.3	21485.59961	371.91	0	48.840129	-86.930176	56298.31	56220	30.00	56328.31	56304.23438	56342.00997	56243.62500	505123.4	5409686.3
L5120.1	505123.4	5409686.3	21485.69922	370.74	0	48.840129	-86.930176	56297.20	56220	30.00	56327.21	56302.52734	56340.39315	56242.71875	505123.4	5409686.3
L5120.1	505123.4	5409687.3	21485.69922	370.74	0	48.840138	-86.930176	56296.25	56220	30.00	56326.26	56300.98047	56342.44616	56245.48828	505123.4	5409687.3
L5120.1	505123.4	5409688.3	21485.90039	371.47	0	48.840147	-86.930177	56295.27	56220	30.01	56325.27	56299.40625	56343.66853	56247.44141	505123.4	5409688.3
L5120.1	505123.4	5409689.1	21486.00000	374.70	0	48.840154	-86.930177	56294.04	56220	30.01	56324.05	56297.61719	56339.55977	56244.07031	505123.4	5409689.1
L5120.1	505123.4	5409689.1	21486.09961	377.47	0	48.840154	-86.930177	56292.96	56220	30.01	56322.97	56295.98047	56338.84773	56244.11328	505123.4	5409689.1
L5120.1	505123.3	5409690.1	21486.19922	378.18	0	48.840163	-86.930177	56291.66	56220	30.01	56321.67	56294.13672	56333.01611	56239.04688	505123.3	5409690.1
L5120.1	505123.3	5409691.1	21486.30078	378.54	0	48.840173	-86.930178	56290.60	56220	30.01	56320.61	56292.54688	56332.91875	56239.72656	505123.3	5409691.1
L5120.1	505123.3	5409691.9	21486.40039	375.85	0	48.840180	-86.930178	56289.62	56220	30.01	56319.63	56291.05078	56334.76380	56242.35938	505123.3	5409691.9
L5120.1	505123.3	5409692.9	21486.50000	373.81	0	48.840189	-86.930178	56288.35	56220	30.01	56318.35	56289.26563	56329.56257	56237.96094	505123.3	5409692.9
L5120.1	505123.3	5409692.9	21486.59961	371.20	0	48.840189	-86.930178	56287.51	56220	30.00	56317.51	56287.93750	56334.78320	56243.99609	505123.3	5409692.9
L5120.1	505123.2	5409694.0	21486.69922	368.36	0	48.840199	-86.930179	56286.18	56220	30.00	56316.18	56286.13672	56328.44497	56238.48438	505123.2	5409694.0
L5120.1	505123.2	5409694.9	21486.80078	368.91	0	48.840206	-86.930179	56285.10	56220	30.00	56315.10	56284.59375	56328.01617	56238.89453	505123.2	5409694.9
L5120.1	505123.2	5409694.9	21486.90039	369.55	0	48.840206	-86.930179	56283.84	56220	30.00	56313.84	56282.89063	56323.32731	56235.05469	505123.2	5409694.9
L5120.1	505123.1	5409696.0	21487.00000	372.45	0	48.840216	-86.930180	56282.73	56220	30.00	56312.73	56281.34766	56322.16183	56234.75000	505123.1	5409696.0
L5120.1	505123.1	5409697.2	21487.09961	370.41	0	48.840227	-86.930180	56281.68	56220	30.00	56311.69	56279.89453	56322.61823	56236.08203	505123.1	5409697.2
L5120.1	505123.1	5409698.1	21487.19922	366.42	0	48.840236	-86.930181	56280.31	56220	30.00	56310.31	56278.11328	56314.99985	56229.35156	505123.1	5409698.1
L5120.1	505123.1	5409698.1	21487.30078	369.01	0	48.840236	-86.930181	56279.04	56220	30.01	56309.04	56276.45703	56309.92521	56225.17969	505123.1	5409698.1
L5120.1	505123.0	5409699.2	21487.40039	369.92	0	48.840246	-86.930182	56277.63	56220	30.01	56307.64	56274.68750	56301.71375	56217.87891	505123.0	5409699.2
L5120.1	505123.0	5409699.2	21487.50000	370.79	0	48.840246	-86.930182	56276.64	56220	30.01	56306.65	56273.34375	56303.11035	56220.19922	505123.0	5409699.2
L5120.1	505123.0	5409700.4	21487.59961	373.46	0	48.840256	-86.930182	56275.46	56220	30.01	56305.47	56271.82422	56299.93085	56217.95703	505123.0	5409700.4
L5120.1	505122.9	5409701.7	21487.69922	374.89	0	48.840267	-86.930183	56274.14	56220	30.01	56304.15	56270.17969	56293.34571	56212.32422	505122.9	5409701.7
L5120.1	505122.9	5409701.7	21487.69922	374.89	0	48.840267	-86.930183	56272.71	56220	30.01	56302.72	56268.44531	56284.05315	56203.99219	505122.9	5409701.7
L5120.1	505122.9	5409703.2	21487.90039	373.47	0	48.840281	-86.930184	56272.02	56220	30.02	56302.03	56267.46094	56292.12179	56213.03516	505122.9	5409703.2
L5120.1	505122.8	5409704.2	21488.00000	371.83	0	48.840290	-86.930184	56271.07	56220	30.02	56301.09	56266.24609	56294.15579	56216.05469	505122.8	5409704.2
L5120.1	505122.8	5409705.1	21488.09961	372.11	0	48.840298	-86.930184	56269.84	56220	30.02	56299.87	56264.76563	56289.43679	56212.33594	505122.8	5409705.1
L5120.1	505122.8	5409705.1	21488.19922	370.00	0	48.840298	-86.930184	56268.65	56220	30.02	56298.67	56263.32031	56285.04203	56208.95313	505122.8	5409705.1
L5120.1	505122.8	5409706.4	21488.30078	353.88	0	48.840310	-86.930185	56267.24	56220	30.03	56297.26	56261.68359	56275.52929	56200.46484	505122.8	5409706.4
L5120.1	505122.7	5409707.7	21488.40039	353.51	0	48.840322	-86.930185	56266.48	56220	30.03	56296.51	56260.72266	56281.44098	56207.41016	505122.7	5409707.7
L5120.1	505122.7	5409707.7	21488.50000	356.17	0	48.840322	-86.930185	56265.02	56220	30.03	56295.05	56259.06641	56270.40628	56197.42188	505122.7	5409707.7
L5120.1	505122.7	5409708.8	21488.59961	358.50	0	48.840331	-86.930186	56263.88	56220	30.03	56293.91	56257.74609	56266.74775	56194.82031	505122.7	5409708.8
L5120.1	505122.6	5409710.0	21488.69922	360.41	0	48.840343	-86.930187	56262.55	56220	30.03	56292.58	56256.25391	56258.41023	56187.55078	505122.6	5409710.0
L5120.1	505122.6	5409710.0	21488.80078	363.60	0	48.840343	-86.930187	56261.75	56220	30.04	56291.79	56255.31641	56262.63028	56192.85156	505122.6	5409710.0
L5120.1	505122.6	5409711.2	21488.90039	367.14	0	48.840353	-86.930187	56260.56	56220	30.04	56290.59	56253.98438	56256.95968	56188.26953	505122.6	5409711.2
L5120.1	505122.5	5409712.0	21489.00000	368.04	0	48.840361	-86.930188	56259.71	56220	30.04	56289.75	56253.02734	56259.58058	56191.99219	505122.5	5409712.0
L5120.1	505122.5	5409713.2	21489.09961	372.42	0	48.840371	-86.930189	56258.37	56220	30.04	56288.41	56251.58984	56250.17143	56183.69531	505122.5	5409713.2
L5120.1	505122.4	5409714.6	21489.19922	371.64	0	48.840384	-86.930189	56257.49	56220	30.04	56287.53	56250.62500	56251.40329	56186.05078	505122.4	5409714.6
L5120.1	505122.4	5409714.6	21489.30078	371.76	0	48.840384	-86.930189	56256.06	56220	30.04	56286.10	56249.12891	56239.41202	56175.19141	505122.4	5409714.6
L5120.1	505122.4	5409716.1	21489.40039	371.28	0	48.840397	-86.930190	56254.92	56220	30.04	56284.97	56247.94531	56234.27098	56171.19141	505122.4	5409716.1
L5120.1	505122.3	5409717.2	21489.50000	375.11	0	48.840407	-86.930191	56253.84	56220	30.05	56283.89	56246.82813	56230.06959	56168.14063	505122.3	5409717.2
L5120.1	505122.3	5409717.2	21489.59961	372.04	0	48.840407	-86.930191	56252.93	56220	30.05	56282.98	56245.89844	56229.63780	56168.87109	505122.3	5409717.2
L5120.1	505122.3	5409718.6	21489.69922	371.84	0	48.840420	-86.930191	56252.18	56220	30.05	56282.23	56245.14453	56232.73511	56173.13672	505122.3	5409718.6
L5120.1	505122.2	5409719.9	21489.69922	371.84	0	48.840432	-86.930192	56251.06	56220	30.05	56281.11	56244.03516	56226.83788	56168.41797	505122.2	5409719.9
L5120.1	505122.2	5409719.9	21489.90039	368.71	0	48.840432	-86.930192	56250.58	56220	30.05	56280.63	56243.58203	56235.80091	56178.56641	505122.2	5409719.9
L5120.1	505122.2	5409721.3	21490.00000	368.44	0	48.840444	-86.930192	56249.18	56219.9	30.05	56279.23	56242.22266	56222.77056	56166.72656	505122.2	5409721.3
L5120.1	505122.2	5409722.3	21490.09961	368.60	0	48.840453	-86.930193	56248.31	56220	30.05	56278.36	56241.41016	56221.99617	56167.15234	505122.2	5409722.3
L5120.1	505122.1	5409723.8	21490.19922	367.32	0	48.840466	-86.930193	56247.25	56220	30.05	56277.30	56240.42188	56216.46747	56162.83203	505122.1	5409723.8
L5120.1	505122.1	5409723.8	21490.30078	370.01	0	48.840466	-86.930193	56246.57	56220	30.05	56276.61	56239.81641	56219.41087	56166.98828	505122.1	5409723.8
L5120.1	505122.1	5409725.0	21490.40039	372.33	0	48.840477	-86.930194	56245.66	56220	30.05	56275.70	56239.00781	56216.88778	56165.68359	505122.1	5409725.0
L5120.1	505122.1	5409726.2	21490.50000	373.23	0	48.840488	-86.930194	56244.86	56220	30.04	56274.91	56238.33203	56216.92855	56166.94922	505122.1	5409726.2
L5120.1	505122.1	5409726.2	21490.59961	374.88	0	48.840488	-86.930194	56244.06	56220	30.04	56274.11	56237.66016	56216.46154	56167.71484	505122.1	5409726.2
L5120.1	505122.0	5409727.8	21490.69922	373.63	0	48.840503	-86.930194	56242.82	56220	30.04	56272.86	56236.55469	56205.09265	56157.57813	505122.0	5409727.8
L5120.1	505122.0	5409729.2	21490.80078	372.91	0	48.840515	-86.930195	56242.23	56220	30.04	56272.28	56236.12891	56209.27867	56163.00391	505122.0	5409729.2
L5120.1	505122.0	5409729.2	21490.90039	372.32	0	48.840515	-86.930195	56240.98	56220	30.04	56271.02	56235.03906	56197.13016	56152.09766	505122.0	5409729.2
L5120.1	505122.0	5409730.7	21491.00000	372.40	0	48.840529	-86.930195	56240.64	56220	30.04	56270.68	56234.88281	56206.44331	56162.65625	505122.0	5409730.7
L5120.1	505122.0	5409730.7	21491.09961	372.39	0	48.840529	-86.930195	56239.65	56220	30.04	56269.69	56234.08984	56200.13260	56157.59375	505122.0	5409730.7
L5120.1	505122.0	5409731.7	21491.19922	374.13	0	48.840538	-86.930195	56239.53	56220	30.04	56269.57	56234.17969	56214.10522	56172.81641	505122.0	5409731.7
L5120.1	505122.0	5409733.0	21491.30078	373.36	0	48.840549	-86.930195	56238.26	56220	30.04	56268.30	56233.13281	56200.64646	56160.60938	505122.0	5409733.0
L5120.1	505122.0	5409734.2	21491.40039	371.29	0	48.840560	-86.930195	56237.51	56220	30.04	56267.55	56232.61719	56199.20761	56160.42188	505122.0	5409734.2
L5120.1	505122.0	5409735.2	21491.50000	367.75	0	48.840569	-86.930195	56236.85	56220	30.04	56266.89	56232.20313	56199.63388	56162.10156	505122.0	5409735.2
L5120.1	505122.0	5409735.2	21491.59961	367.30	0	48.840569	-86.930195	56236.15	56220	30.04	56266.19	56231.76172	56198.85750	56162.57813	505122.0	5409735.2
L5120.1	505122.0	5409736.9	21491.69922	368.06	0	48.840584	-86.930195	56235.73	56220	30.04	56265.77	56231.60938	56204.44101	56169.41016	505122.0	5409736.9
L5120.1	505122.0	5409738.1	21491.69922	368.06	0	48.840595	-86.930195	56234.75	56220	30.04	56264.79	56230.91016	56196.54568	56162.76563	505122.0	5409738.1
L5120.1	505122.0	5409738.1	21491.90039	371.99	0	48.840595	-86.930195	56234.81	56220	30.04	56264.85	56231.26172	56212.97110	56180.44141	505122.0	5409738.1
L5120.1	505122.0	5409739.5	21492.00000	372.27	0	48.840608	-86.930195	56233.68	56220	30.04	56263.72	56230.43359	56201.04450	56169.75781	505122.0	5409739.5
L5120.1	505122.0	5409739.5	21492.09961	374.24	0	48.840608	-86.930195	56233.42	56220	30.04	56263.46	56230.48828	56209.43236	56179.38672	505122.0	5409739.5
L5120.1	505122.0	5409741.0	21492.19922	371.78	0	48.840621	-86.930194	56232.54	56220	30.04	56262.58	56229.92969	56202.94300	56174.13672	505122.0	5409741.0
L5120.1	505122.0	5409742.6	21492.30078	371.56	0	48.840636	-86.930194	56232.18	56220	30.05	56262.22	56229.90234	56208.51125	56180.93750	505122.0	5409742.6
L5120.1	505122.1	5409744.1	21492.40039	373.94	0	48.840649	-86.930194	56231.26	56220	30.05	56261.31	56229.33203	56200.86739	56174.52344	505122.1	5409744.1
L5120.1	505122.1	5409745.3	21492.50000	372.57	0	48.840660	-86.930194	56231.23	56219.9	30.05	56261.28	56229.65234	56213.79735	56188.67578	505122.1	5409745.3
L5120.1	505122.1	5409745.3	21492.59961	373.01	0	48.840660	-86.930194	56230.36	56219.9	30.05	56260.41	56229.14063	56206.67770	56182.77344	505122.1	5409745.3
L5120.1	505122.1	5409746.6	21492.69922	373.78	0	48.840672	-86.930193	56229.71	56219.9	30.05	56259.76	56228.85547	56204.55485	56181.85938	505122.1	5409746.6
L5120.1	505122.1	5409746.6	21492.80078	370.43	0	48.840672	-86.930193	56229.70	56219.9	30.06	56259.75	56229.21875	56217.35736	56195.86328	505122.1	5409746.6
L5120.1	505122.1	5409748.3	21492.90039	370.27	0	48.840687	-86.930193	56228.58	56219.9	30.06	56258.64	56228.49219	56203.99033	56183.68750	505122.1	5409748.3
L5120.1	505122.2	5409749.7	21493.00000	369.63	0	48.840700	-86.930192	56228.68	56219.9	30.06	56258.74	56228.98047	56219.02877	56199.91016	505122.2	5409749.7
L5120.1	505122.2	5409749.7	21493.09961	367.49	0	48.840700	-86.930192	56228.07	56219.9	30.06	56258.13	56228.76563	56217.12642	56199.18359	505122.2	5409749.7

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5120.1	505122.2	5409751.5	21493.19922	366.05	0	48.840715	-86.930192	56227.84	56219.9	30.06	56257.90	56228.93750	56224.03991	56207.26172	505122.2	5409751.5
L5120.1	505122.2	5409752.9	21493.30078	366.86	0	48.840728	-86.930192	56226.71	56219.9	30.05	56256.77	56228.21484	56209.54175	56193.91797	505122.2	5409752.9
L5120.1	505122.2	5409752.9	21493.40039	368.04	0	48.840728	-86.930192	56226.86	56219.9	30.05	56256.91	56228.76563	56224.90103	56210.41797	505122.2	5409752.9
L5120.1	505122.2	5409754.7	21493.50000	369.00	0	48.840744	-86.930192	56225.72	56220	30.05	56255.77	56228.04688	56209.89077	56196.53906	505122.2	5409754.7
L5120.1	505122.2	5409756.3	21493.59961	373.15	0	48.840759	-86.930192	56225.75	56220	30.05	56255.79	56228.48828	56222.15860	56209.92578	505122.2	5409756.3
L5120.1	505122.2	5409757.4	21493.69922	375.38	0	48.840769	-86.930192	56225.67	56220	30.05	56255.72	56228.84766	56232.18684	56221.05859	505122.2	5409757.4
L5120.1	505122.2	5409757.4	21493.69922	375.38	0	48.840769	-86.930192	56224.68	56220	30.05	56254.73	56228.28906	56220.37939	56210.33984	505122.2	5409757.4
L5120.1	505122.2	5409758.5	21493.90039	377.17	0	48.840779	-86.930191	56224.77	56220	30.04	56254.81	56228.80469	56233.75475	56224.79297	505122.2	5409758.5
L5120.1	505122.2	5409759.8	21494.00000	374.56	0	48.840790	-86.930191	56223.69	56220	30.04	56253.73	56228.16406	56219.64639	56211.74609	505122.2	5409759.8
L5120.1	505122.2	5409759.8	21494.09961	371.83	0	48.840790	-86.930191	56223.57	56220	30.04	56253.62	56228.49609	56228.38044	56221.52734	505122.2	5409759.8
L5120.1	505122.2	5409761.5	21494.19922	373.18	0	48.840805	-86.930191	56222.91	56220	30.04	56252.96	56228.27734	56224.06259	56218.23828	505122.2	5409761.5
L5120.1	505122.3	5409763.1	21494.30078	371.60	0	48.840820	-86.930191	56223.12	56220	30.04	56253.16	56228.92578	56240.01157	56235.20313	505122.3	5409763.1
L5120.1	505122.3	5409763.1	21494.40039	367.94	0	48.840820	-86.930191	56222.18	56220	30.04	56252.22	56228.43359	56228.99493	56225.18359	505122.3	5409763.1
L5120.1	505122.3	5409764.6	21494.50000	366.57	0	48.840833	-86.930191	56221.91	56220	30.05	56251.96	56228.62500	56234.01698	56231.18359	505122.3	5409764.6
L5120.1	505122.3	5409765.6	21494.59961	365.59	0	48.840842	-86.930191	56221.54	56220	30.05	56251.58	56228.69531	56236.19229	56234.32031	505122.3	5409765.6
L5120.1	505122.3	5409766.8	21494.69922	364.32	0	48.840854	-86.930191	56221.10	56220	30.05	56251.14	56228.70703	56236.95071	56236.02344	505122.3	5409766.8
L5120.1	505122.3	5409766.8	21494.80078	363.55	0	48.840854	-86.930191	56221.01	56220	30.05	56251.06	56229.08203	56246.22628	56246.22266	505122.3	5409766.8
L5120.1	505122.3	5409768.4	21494.90039	366.28	0	48.840867	-86.930191	56220.56	56220	30.05	56250.61	56229.08203	56246.78783	56247.69141	505122.3	5409768.4
L5120.1	505122.3	5409770.0	21495.00000	365.65	0	48.840882	-86.930191	56220.34	56219.9	30.05	56250.39	56229.31641	56252.82182	56254.60938	505122.3	5409770.0
L5120.1	505122.3	5409770.0	21495.09961	366.42	0	48.840882	-86.930191	56219.23	56219.9	30.05	56249.28	56228.65625	56237.88490	56240.53906	505122.3	5409770.0
L5120.1	505122.3	5409771.1	21495.19922	366.63	0	48.840892	-86.930191	56219.19	56219.9	30.05	56249.24	56229.07031	56248.29005	56251.78906	505122.3	5409771.1
L5120.1	505122.3	5409772.7	21495.30078	367.89	0	48.840906	-86.930191	56218.81	56219.9	30.05	56248.86	56229.13672	56250.74392	56255.07031	505122.3	5409772.7
L5120.1	505122.3	5409774.5	21495.40039	369.69	0	48.840922	-86.930191	56218.06	56219.9	30.05	56248.11	56228.83594	56244.55191	56249.67969	505122.3	5409774.5
L5120.1	505122.3	5409774.5	21495.50000	368.11	0	48.840922	-86.930191	56217.78	56219.9	30.05	56247.83	56229.00391	56249.57083	56255.48438	505122.3	5409774.5
L5120.1	505122.2	5409775.7	21495.59961	369.05	0	48.840933	-86.930191	56217.53	56219.9	30.05	56247.58	56229.19531	56255.42140	56262.09375	505122.2	5409775.7
L5120.1	505122.2	5409777.0	21495.69922	367.39	0	48.840945	-86.930191	56216.87	56219.9	30.05	56246.92	56228.98047	56251.72452	56259.13672	505122.2	5409777.0
L5120.1	505122.2	5409778.5	21495.69922	367.39	0	48.840959	-86.930191	56216.56	56219.9	30.05	56246.61	56229.10938	56256.44782	56264.57813	505122.2	5409778.5
L5120.1	505122.2	5409778.5	21495.90039	367.82	0	48.840959	-86.930191	56215.95	56219.9	30.05	56246.00	56228.93359	56254.25194	56263.07813	505122.2	5409778.5
L5120.1	505122.2	5409779.9	21496.00000	369.06	0	48.840971	-86.930191	56215.00	56219.9	30.05	56245.05	56228.41797	56244.20717	56253.70313	505122.2	5409779.9
L5120.1	505122.2	5409781.5	21496.09961	369.64	0	48.840985	-86.930191	56215.31	56219.9	30.05	56245.36	56229.15625	56264.12425	56274.27344	505122.2	5409781.5
L5120.1	505122.2	5409781.5	21496.19922	372.75	0	48.840985	-86.930191	56214.41	56219.9	30.05	56244.46	56228.67969	56255.67205	56266.44531	505122.2	5409781.5
L5120.1	505122.2	5409782.8	21496.30078	375.02	0	48.840997	-86.930191	56214.44	56219.9	30.05	56244.49	56229.13281	56269.41760	56280.79688	505122.2	5409782.8
L5120.1	505122.2	5409785.3	21496.40039	375.91	0	48.841020	-86.930191	56213.96	56219.9	30.05	56244.01	56229.06641	56271.36087	56283.32422	505122.2	5409785.3
L5120.1	505122.2	5409786.0	21496.50000	376.10	0	48.841026	-86.930191	56213.70	56219.9	30.05	56243.75	56229.21875	56278.76197	56291.28516	505122.2	5409786.0
L5120.1	505122.2	5409786.0	21496.59961	373.46	0	48.841026	-86.930191	56212.65	56219.9	30.05	56242.70	56228.57813	56267.77869	56280.83594	505122.2	5409786.0
L5120.1	505122.2	5409787.7	21496.69922	372.89	0	48.841041	-86.930191	56212.17	56219.9	30.05	56242.22	56228.50000	56270.55334	56284.12500	505122.2	5409787.7
L5120.1	505122.2	5409789.0	21496.80078	376.68	0	48.841054	-86.930191	56211.56	56219.9	30.05	56241.61	56228.28516	56270.56681	56284.62891	505122.2	5409789.0
L5120.1	505122.2	5409789.0	21496.90039	376.45	0	48.841054	-86.930191	56210.89	56219.9	30.05	56240.95	56228.01953	56269.72535	56284.25781	505122.2	5409789.0
L5120.1	505122.2	5409790.4	21497.00000	375.52	0	48.841066	-86.930191	56210.54	56219.9	30.05	56240.59	56228.04297	56276.31329	56291.28906	505122.2	5409790.4
L5120.1	505122.2	5409791.9	21497.09961	371.05	0	48.841079	-86.930191	56209.87	56219.9	30.05	56239.92	56227.75391	56275.93783	56291.33594	505122.2	5409791.9
L5120.1	505122.2	5409793.4	21497.19922	369.78	0	48.841093	-86.930191	56209.52	56219.9	30.06	56239.58	56227.78906	56283.73391	56299.53516	505122.2	5409793.4
L5120.1	505122.2	5409793.4	21497.30078	368.18	0	48.841093	-86.930191	56208.65	56219.9	30.06	56238.71	56227.28516	56279.40335	56295.58203	505122.2	5409793.4
L5120.1	505122.2	5409795.1	21497.40039	369.30	0	48.841108	-86.930191	56208.18	56219.9	30.06	56238.24	56227.17969	56284.93165	56301.46484	505122.2	5409795.1
L5120.1	505122.3	5409796.6	21497.50000	369.30	0	48.841121	-86.930191	56207.56	56219.9	30.07	56237.62	56226.91406	56287.34363	56304.21094	505122.3	5409796.6
L5120.1	505122.3	5409796.6	21497.59961	366.82	0	48.841121	-86.930191	56206.86	56219.9	30.07	56236.93	56226.57422	56288.54607	56305.72656	505122.3	5409796.6
L5120.1	505122.3	5409798.1	21497.69922	366.33	0	48.841135	-86.930190	56206.46	56219.9	30.07	56236.53	56226.51563	56297.06001	56314.53125	505122.3	5409798.1
L5120.1	505122.3	5409799.6	21497.69922	366.33	0	48.841149	-86.930190	56205.64	56219.9	30.07	56235.71	56226.03125	56296.13082	56313.87500	505122.3	5409799.6
L5120.1	505122.3	5409799.6	21497.90039	364.28	0	48.841149	-86.930190	56205.09	56219.9	30.08	56235.17	56225.82031	56302.31106	56320.30469	505122.3	5409799.6
L5120.1	505122.3	5409801.9	21498.00000	365.17	0	48.841169	-86.930190	56204.39	56219.9	30.08	56234.47	56225.44531	56305.22409	56323.44531	505122.3	5409801.9
L5120.1	505122.3	5409803.6	21498.09961	364.69	0	48.841184	-86.930190	56203.79	56219.9	30.08	56233.87	56225.16016	56311.02871	56329.46094	505122.3	5409803.6
L5120.1	505122.3	5409803.6	21498.19922	366.61	0	48.841184	-86.930190	56202.47	56219.9	30.08	56232.55	56224.14844	56300.37181	56318.99219	505122.3	5409803.6
L5120.1	505122.3	5409804.7	21498.30078	366.90	0	48.841194	-86.930190	56201.89	56219.9	30.08	56231.97	56223.86719	56307.75866	56326.54688	505122.3	5409804.7
L5120.1	505122.3	5409806.5	21498.40039	367.49	0	48.841211	-86.930190	56200.94	56219.9	30.08	56231.02	56223.21094	56306.98560	56325.92578	505122.3	5409806.5
L5120.1	505122.3	5409806.5	21498.50000	368.99	0	48.841211	-86.930190	56199.84	56219.9	30.08	56229.92	56222.39844	56303.26630	56322.33984	505122.3	5409806.5
L5120.1	505122.3	5409808.2	21498.59961	369.37	0	48.841226	-86.930190	56199.21	56219.9	30.08	56229.29	56222.04688	56311.26321	56330.44922	505122.3	5409808.2
L5120.1	505122.3	5409808.2	21498.69922	370.13	0	48.841226	-86.930190	56198.20	56219.9	30.08	56228.28	56221.30859	56310.91410	56330.19531	505122.3	5409808.2
L5120.1	505122.3	5409809.6	21498.80078	371.60	0	48.841238	-86.930189	56196.98	56219.9	30.08	56227.06	56220.35547	56306.25118	56325.61328	505122.3	5409809.6
L5120.1	505122.3	5409810.9	21498.90039	372.67	0	48.841250	-86.930189	56196.01	56219.9	30.08	56226.09	56219.64453	56308.15691	56327.58203	505122.3	5409810.9
L5120.1	505122.3	5409812.6	21499.00000	371.01	0	48.841266	-86.930189	56195.16	56219.9	30.08	56225.24	56219.04688	56313.57652	56333.04688	505122.3	5409812.6
L5120.1	505122.3	5409812.6	21499.09961	370.31	0	48.841266	-86.930189	56194.00	56219.9	30.08	56224.08	56218.12891	56312.36839	56331.87109	505122.3	5409812.6
L5120.1	505122.3	5409814.0	21499.19922	370.87	0	48.841278	-86.930189	56192.89	56219.9	30.08	56222.97	56217.25391	56313.05217	56332.56641	505122.3	5409814.0
L5120.1	505122.3	5409814.0	21499.30078	367.94	0	48.841278	-86.930189	56192.11	56219.9	30.08	56222.19	56216.70313	56322.25747	56341.77344	505122.3	5409814.0
L5120.1	505122.3	5409815.6	21499.40039	369.54	0	48.841293	-86.930189	56190.61	56219.9	30.08	56220.69	56215.42578	56315.19624	56334.69922	505122.3	5409815.6
L5120.1	505122.4	5409817.2	21499.50000	369.54	0	48.841307	-86.930189	56189.73	56219.9	30.08	56219.81	56214.76172	56323.53697	56343.01172	505122.4	5409817.2
L5120.1	505122.4	5409818.8	21499.59961	369.19	0	48.841321	-86.930189	56188.36	56219.9	30.08	56218.44	56213.60156	56321.07367	56340.50781	505122.4	5409818.8
L5120.1	505122.4	5409820.6	21499.69922	368.77	0	48.841338	-86.930189	56187.09	56219.9	30.08	56217.17	56212.53516	56321.75758	56341.13672	505122.4	5409820.6
L5120.1	505122.4	5409820.6	21499.69922	368.77	0	48.841338	-86.930189	56185.58	56219.9	30.08	56215.66	56211.21875	56317.57104	56336.88672	505122.4	5409820.6
L5120.1	505122.4	5409822.3	21499.80078	368.72	0	48.841352	-86.930189	56184.22	56219.9	30.08	56214.30	56210.04688	56317.74011	56336.98047	505122.4	5409822.3
L5120.1	505122.4	5409822.3	21500.00000	367.85	0	48.841352	-86.930189	56183.10	56219.9	30.08	56213.18	56209.10938	56324.40381	56343.55859	505122.4	5409822.3
L5120.1	505122.4	5409823.7	21500.00000	366.68	0	48.841365	-86.930189	56181.38	56219.9	30.08	56211.46	56207.56250	56317.73215	56336.78906	505122.4	5409823.7
L5120.1	505122.4	5409825.1	21500.19922	370.98	0	48.841378	-86.930188	56180.16	56219.9	30.08	56210.25	56206.52344	56323.95779	56342.90625	505122.4	5409825.1
L5120.1	505122.4	5409826.6	21500.30078	370.99	0	48.841391	-86.930188	56178.30	56219.9	30.08	56208.38	56204.81641	56315.45448	56334.28906	505122.4	5409826.6
L5120.1	505122.4	5409828.0	21500.40039	369.78	0	48.841404	-86.930188	56177.16	56219.9	30.08	56207.24	56203.83203	56325.06803	56343.77734	505122.4	5409828.0
L5120.1	505122.4	5409828.0	21500.50000	374.07	0	48.841404	-86.930188	56175.01	56219.9	30.08	56205.09	56201.83203	56311.70651	56330.28516	505122.4	5409828.0
L5120.1	505122.4	5409829.8	21500.59961	375.27	0	48.841420	-86.930188	56173.74	56219.9	30.09	56203.82	56200.70703	56320.02568	56338.46484	505122.4	5409829.8
L5120.1	505122.4	5409831.4	21500.69922	374.32	0	48.841434	-86.930188	56171.54	56219.9	30.09	56201.63	56198.65625	56307.51506	56325.80859	505122.4	5409831.4
L5120.1	505122.4	5409832.8	21500.80078	373.74	0	48.841447	-86.930188	56170.27	56219.9	30.09	56200.36	56197.51953	56317.64806	56335.79297	505122.4	5409832.8
L5120.1	505122.4	5409832.8	21500.90039	372.06	0	48.841447	-86.930188	56168.45	56219.9	30.09	56198.54	56195.82813	56315.70823	56333.69531	505122.4	5409832.8
L5120.1	505122.4	5409834.1	21501.00000	371.58	0	48.841459	-86.930188	56166.31	56219.9	30.09	56196.40	56193.81250	56307.13599	56324.96094	505122.4	5409834.1
L5120.1	505122.4	5409834.1	21501.09961	368.75	0	48.841459	-86.930188	56164.79	56219.9	30.09	56194.88	56192.41016	56314.14276	56331.80469	505122.4	5409834.1
L5120.1	505122.4	5409835.8	21501.19922	369.26	0	48.841474	-86.930188	56162.02	56219.9	30.09	56192.11	56189.75000	56292.56108	56310.05469	505122.4	5409835.8
L5120.1	505122.4	5409837.7	21501.30078	367.35	0	48.841491	-86.930188	56160.84	56219.9	30.09	56190.94	56188.68750	56309.71909	56327.03906	505122.4	5409837.7
L5120.1	505122.4	5409837.7	21501.40039	367.17	0	48.841491	-86.930188	56158.54	56219.9	30.09	56188.63	56186.48438	56300.89648	56318.04297	505122.4	5409837.7
L5120.1	505122.4	5409839.2	21501.50000	366.18	0	48.841505	-86.930188	56156.77	56219.9	30.09	56186.86	56184.81250	56305.78189	56322.75391	505122.4	5409839.2
L5120.1	505122.4	5409840.8	21501.59961	367.92	0	48.841519	-86.930189	56154.29	56219.9	30.10	56184.38	56182.42578	56294.85029	56311.64453	505122.4	5409840.8
L5120.1	505122.3	5409842.3	21501.69922	366.55	0	48.841532	-86.930189	56152.29	56219.9	30.10	56182.39	56180.52344	56296.44996	56313.06641	505122.3	5409842.3
L5120.1	505122.3	5409842.3	21501.69922	366.55	0	48.841532	-86.930189	56150.04	56219.9	30.10	56180.14	56178.36328	56292.86514	56309.30469	505122.3	5409842.3
L5120.1	505122.3	5409843.8	21501.90039	369.56	0	48.841546	-86.930189	56147.91	56219.9	30.10	56178.01	56176.31250	56293.07212	56309.33203	505122.3	5409843.8
L5120.1	505122.3	5409843.8	21502.00000	371.84	0	48.841546	-86.930189	56145.82	56219.9	30.10	56175.92	56174.30078	56295.18007	56311.26563	505122.3	5409843.8
L5120.1	505122.3	5409847.1	21502.09961	373.48	0	48.841576	-86.930189	56142.88	56219.9	30.10	56172.98	56171.43750	56278.16326	56294.07422	505122.3	5409847.1
L5120.1	505122.3	5409847.1	21502.19922	375.99	0	48.841576	-86.930189	56140.88	56219.9	30.10	56170.97	56169.50000	56284.06602	56299.80078	505122.3	5409847.1
L5120.1	505122.3	5409849.0	21502.30078	371.78	0	48.841593	-86.930190	56137.67	56219.9	30.10	56167.77	56166.36719	56262.80538	56278.36719	505122.3	5409849.0
L5120.1	505122.3	5409849.0	21502.40039	369.99	0	48.841593	-86.930190	56135.70	56219.9	30.10	56165.80	56164.46484	56271.54174	56286.93750	505122.3	5409849.0

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5120.1	505122.3	5409850.5	21502.50000	369.48	0	48.841606	-86.930190	56133.01	56219.9	30.10	56163.11	56161.83594	56264.20579	56279.43750	505122.3	5409850.5
L5120.1	505122.2	5409852.3	21502.59961	368.45	0	48.841622	-86.930190	56130.44	56219.9	30.10	56160.54	56159.32813	56260.63283	56275.69922	505122.2	5409852.3
L5120.1	505122.2	5409852.3	21502.69922	368.96	0	48.841622	-86.930190	56127.81	56219.9	30.10	56157.90	56156.74609	56256.32630	56271.23438	505122.2	5409852.3
L5120.1	505122.2	5409853.8	21502.80078	366.39	0	48.841636	-86.930190	56125.53	56219.9	30.10	56155.63	56154.53125	56261.67042	56276.42578	505122.2	5409853.8
L5120.1	505122.2	5409855.1	21502.90039	367.11	0	48.841648	-86.930190	56122.34	56219.9	30.10	56152.44	56151.39453	56246.18203	56260.78906	505122.2	5409855.1
L5120.1	505122.2	5409856.7	21503.00000	367.16	0	48.841662	-86.930190	56120.09	56219.9	30.10	56150.19	56149.19531	56253.78651	56268.25000	505122.2	5409856.7
L5120.1	505122.2	5409856.7	21503.09961	365.69	0	48.841662	-86.930190	56116.57	56219.9	30.10	56146.68	56145.73438	56232.50225	56246.82813	505122.2	5409856.7
L5120.1	505122.2	5409858.8	21503.19922	364.09	0	48.841681	-86.930190	56113.96	56219.9	30.11	56144.07	56143.17578	56233.33893	56247.53125	505122.2	5409858.8
L5120.1	505122.2	5409860.3	21503.30078	362.29	0	48.841694	-86.930190	56111.35	56219.9	30.11	56141.46	56140.61328	56235.02135	56249.08594	505122.2	5409860.3
L5120.1	505122.2	5409860.3	21503.40039	361.49	0	48.841694	-86.930190	56107.95	56219.9	30.12	56138.07	56137.26563	56219.10778	56233.05469	505122.2	5409860.3
L5120.1	505122.2	5409862.2	21503.50000	362.16	0	48.841711	-86.930191	56105.27	56219.9	30.13	56135.39	56134.63281	56220.77751	56234.60938	505122.2	5409862.2
L5120.1	505122.2	5409863.7	21503.59961	365.49	0	48.841725	-86.930191	56102.25	56219.9	30.13	56132.38	56131.66406	56215.44468	56229.17188	505122.2	5409863.7
L5120.1	505122.2	5409863.7	21503.69922	368.77	0	48.841725	-86.930191	56099.38	56219.9	30.14	56129.51	56128.83594	56214.19162	56227.81641	505122.2	5409863.7
L5120.1	505122.2	5409865.2	21503.69922	368.77	0	48.841739	-86.930191	56095.84	56219.9	30.14	56125.97	56125.33984	56197.86313	56211.39453	505122.2	5409865.2
L5120.1	505122.2	5409865.2	21503.90039	370.00	0	48.841739	-86.930191	56093.18	56219.9	30.15	56123.32	56122.73047	56203.28727	56216.73438	505122.2	5409865.2
L5120.1	505122.1	5409867.4	21504.00000	373.30	0	48.841758	-86.930191	56089.38	56219.8	30.15	56119.53	56118.98438	56182.48747	56195.85938	505122.1	5409867.4
L5120.1	505122.1	5409868.7	21504.09961	373.30	0	48.841770	-86.930191	56086.61	56219.9	30.15	56116.75	56116.24219	56186.22642	56199.52734	505122.1	5409868.7
L5120.1	505122.1	5409869.8	21504.19922	372.26	0	48.841780	-86.930192	56083.46	56219.9	30.15	56113.61	56113.14453	56182.11579	56195.35547	505122.1	5409869.8
L5120.1	505122.1	5409869.8	21504.30078	369.83	0	48.841780	-86.930192	56080.18	56219.9	30.15	56110.33	56109.90625	56175.32524	56188.51172	505122.1	5409869.8
L5120.1	505122.1	5409871.3	21504.40039	369.69	0	48.841793	-86.930192	56076.71	56219.9	30.15	56106.85	56106.46484	56164.40906	56177.55078	505122.1	5409871.3
L5120.1	505122.1	5409873.2	21504.50000	367.80	0	48.841810	-86.930192	56073.49	56219.9	30.15	56103.64	56103.29688	56160.44012	56173.54297	505122.1	5409873.2
L5120.1	505122.1	5409873.2	21504.59961	367.34	0	48.841810	-86.930192	56069.68	56219.9	30.14	56099.82	56099.51953	56142.60029	56155.67578	505122.1	5409873.2
L5120.1	505122.0	5409874.9	21504.69922	368.20	0	48.841826	-86.930193	56066.76	56219.9	30.14	56096.91	56096.64844	56146.76343	56159.81641	505122.0	5409874.9
L5120.1	505122.0	5409876.2	21504.80078	370.37	0	48.841838	-86.930193	56063.00	56219.9	30.14	56093.14	56092.92188	56131.08550	56144.12500	505122.0	5409876.2
L5120.1	505122.0	5409877.7	21504.90039	370.54	0	48.841851	-86.930194	56059.82	56219.9	30.14	56089.96	56089.78516	56129.78462	56142.82031	505122.0	5409877.7
L5120.1	505122.0	5409877.7	21505.00000	371.57	0	48.841851	-86.930194	56055.84	56219.9	30.14	56085.98	56085.85156	56109.99105	56123.03125	505122.0	5409877.7
L5120.1	505122.0	5409879.5	21505.09961	370.41	0	48.841867	-86.930194	56052.40	56219.9	30.14	56082.54	56082.45313	56103.32241	56116.37500	505122.0	5409879.5
L5120.1	505121.9	5409881.4	21505.19922	369.46	0	48.841884	-86.930194	56048.84	56219.9	30.14	56078.98	56078.94141	56094.15106	56107.22266	505121.9	5409881.4
L5120.1	505121.9	5409882.8	21505.30078	370.20	0	48.841897	-86.930194	56045.49	56219.9	30.15	56075.64	56075.64453	56090.47054	56103.57031	505121.9	5409882.8
L5120.1	505121.9	5409882.8	21505.40039	369.06	0	48.841897	-86.930194	56041.83	56219.9	30.15	56071.98	56072.03516	56079.48597	56092.62109	505121.9	5409882.8
L5120.1	505121.9	5409884.2	21505.50000	367.52	0	48.841910	-86.930194	56038.18	56219.8	30.15	56068.33	56068.43359	56068.95284	56082.13281	505121.9	5409884.2
L5120.1	505121.9	5409885.9	21505.59961	368.92	0	48.841924	-86.930194	56034.62	56219.8	30.15	56064.77	56064.92188	56060.72022	56073.95313	505121.9	5409885.9
L5120.1	505121.9	5409885.9	21505.69922	371.98	0	48.841924	-86.930194	56030.75	56219.8	30.15	56060.90	56061.10156	56045.29775	56058.58984	505121.9	5409885.9
L5120.1	505121.9	5409887.5	21505.69922	371.98	0	48.841939	-86.930194	56027.26	56219.8	30.15	56057.41	56057.66406	56038.94240	56052.29688	505121.9	5409887.5
L5120.1	505121.9	5409888.7	21505.90039	371.29	0	48.841950	-86.930194	56023.70	56219.8	30.16	56053.85	56054.16016	56030.98118	56044.41016	505121.9	5409888.7
L5120.1	505121.9	5409888.7	21506.00000	372.16	0	48.841950	-86.930194	56020.02	56219.8	30.16	56050.18	56050.54688	56020.42546	56033.93750	505121.9	5409888.7
L5120.1	505121.9	5409890.8	21506.09961	372.70	0	48.841969	-86.930194	56016.11	56219.8	30.16	56046.26	56046.67969	56003.92377	56017.51953	505121.9	5409890.8
L5120.1	505121.9	5409890.8	21506.19922	371.23	0	48.841969	-86.930194	56012.52	56219.8	30.16	56042.67	56043.14844	55995.13195	56008.82031	505121.9	5409890.8
L5120.1	505121.9	5409892.7	21506.30078	372.60	0	48.841986	-86.930195	56008.48	56219.8	30.16	56038.64	56039.17969	55975.81543	55989.60156	505121.9	5409892.7
L5120.1	505121.9	5409894.2	21506.40039	369.93	0	48.841999	-86.930195	56005.10	56219.8	30.16	56035.25	56035.85156	55971.44006	55985.33203	505121.9	5409894.2
L5120.1	505121.9	5409895.6	21506.50000	371.10	0	48.842012	-86.930195	56001.05	56219.8	30.16	56031.21	56031.87109	55951.48682	55965.48828	505121.9	5409895.6
L5120.1	505121.9	5409895.6	21506.59961	371.42	0	48.842012	-86.930195	55997.46	56219.8	30.15	56027.61	56028.33594	55941.65694	55955.76953	505121.9	5409895.6
L5120.1	505121.9	5409897.4	21506.69922	369.08	0	48.842028	-86.930195	55993.62	56219.8	30.15	56023.77	56024.56250	55925.84017	55940.07031	505121.9	5409897.4
L5120.1	505121.9	5409899.1	21506.80078	368.76	0	48.842043	-86.930195	55989.75	56219.8	30.15	56019.90	56020.75781	55908.94964	55923.30078	505121.9	5409899.1
L5120.1	505121.9	5409899.1	21506.90039	369.56	0	48.842043	-86.930195	55985.98	56219.8	30.15	56016.13	56017.05859	55894.00854	55908.48828	505121.9	5409899.1
L5120.1	505121.8	5409900.8	21507.00000	369.56	0	48.842059	-86.930195	55981.88	56219.8	30.15	56012.03	56013.02734	55870.81146	55885.42188	505121.8	5409900.8
L5120.1	505121.8	5409902.5	21507.09961	368.34	0	48.842074	-86.930195	55978.52	56219.8	30.15	56008.67	56009.73828	55864.58610	55879.32813	505121.8	5409902.5
L5120.1	505121.8	5409904.0	21507.19922	365.96	0	48.842087	-86.930195	55974.37	56219.8	30.16	56004.52	56005.66016	55839.14261	55854.01953	505121.8	5409904.0
L5120.1	505121.8	5409905.2	21507.30078	366.20	0	48.842098	-86.930195	55970.70	56219.8	30.16	56000.86	56002.07813	55824.66932	55839.67969	505121.8	5409905.2
L5120.1	505121.8	5409905.2	21507.40039	368.08	0	48.842098	-86.930195	55967.04	56219.8	30.16	55997.20	55998.49219	55809.54349	55824.69531	505121.8	5409905.2
L5120.1	505121.9	5409906.7	21507.50000	371.34	0	48.842112	-86.930195	55963.52	56219.8	30.17	55993.68	55995.05078	55797.02446	55812.31641	505121.9	5409906.7
L5120.1	505121.9	5409908.5	21507.59961	371.78	0	48.842128	-86.930195	55959.75	56219.8	30.17	55989.91	55991.35938	55777.85211	55793.28125	505121.9	5409908.5
L5120.1	505121.9	5409908.5	21507.69922	373.29	0	48.842128	-86.930195	55956.71	56219.8	30.17	55986.88	55988.41016	55775.36506	55790.93359	505121.9	5409908.5
L5120.1	505121.9	5409910.1	21507.69922	373.29	0	48.842143	-86.930194	55952.36	56219.8	30.17	55982.53	55984.14063	55740.85489	55756.56250	505121.9	5409910.1
L5120.1	505121.9	5409911.5	21507.90039	374.27	0	48.842155	-86.930194	55949.18	56219.8	30.18	55979.35	55981.04297	55733.09418	55748.94141	505121.9	5409911.5
L5120.1	505121.9	5409913.1	21508.00000	373.84	0	48.842169	-86.930194	55945.38	56219.8	30.18	55975.56	55977.33984	55709.98956	55725.97266	505121.9	5409913.1
L5120.1	505121.9	5409913.1	21508.09961	374.35	0	48.842169	-86.930194	55942.06	56219.8	30.18	55972.24	55974.10156	55697.00748	55713.12891	505121.9	5409913.1
L5120.1	505121.9	5409914.8	21508.19922	373.39	0	48.842185	-86.930194	55938.65	56219.8	30.18	55968.83	55970.78125	55680.87472	55697.12500	505121.9	5409914.8
L5120.1	505121.9	5409916.2	21508.30078	372.15	0	48.842198	-86.930194	55935.54	56219.8	30.18	55965.72	55967.75781	55670.75974	55687.14063	505121.9	5409916.2
L5120.1	505121.9	5409916.2	21508.40039	371.38	0	48.842198	-86.930194	55931.80	56219.8	30.18	55961.98	55964.10547	55644.65056	55661.16016	505121.9	5409916.2
L5120.1	505121.9	5409918.2	21508.50000	369.78	0	48.842216	-86.930194	55928.86	56219.8	30.18	55959.04	55961.25391	55636.28420	55652.91797	505121.9	5409918.2
L5120.1	505121.9	5409919.7	21508.59961	369.72	0	48.842229	-86.930194	55925.75	56219.8	30.19	55955.94	55958.24609	55622.94169	55639.69141	505121.9	5409919.7
L5120.1	505121.9	5409921.2	21508.69922	369.23	0	48.842242	-86.930194	55922.28	56219.8	30.19	55952.47	55954.86719	55599.62159	55616.48438	505121.9	5409921.2
L5120.1	505121.9	5409921.2	21508.80078	370.15	0	48.842242	-86.930194	55919.73	56219.8	30.19	55949.92	55952.41016	55596.75660	55613.73047	505121.9	5409921.2
L5120.1	505121.9	5409922.9	21508.90039	371.77	0	48.842257	-86.930193	55916.32	56219.8	30.19	55946.50	55949.08203	55572.02441	55589.10156	505121.9	5409922.9
L5120.1	505121.9	5409924.1	21509.00000	370.37	0	48.842268	-86.930193	55913.61	56219.8	30.19	55943.80	55946.47656	55562.94652	55580.12109	505121.9	5409924.1
L5120.1	505121.9	5409924.1	21509.09961	369.61	0	48.842268	-86.930193	55910.35	56219.8	30.19	55940.54	55943.31250	55539.25018	55556.51563	505121.9	5409924.1
L5120.1	505121.9	5409927.1	21509.19922	367.17	0	48.842295	-86.930193	55907.56	56219.8	30.19	55937.75	55940.61719	55525.23093	55542.57813	505121.9	5409927.1
L5120.1	505121.9	5409927.1	21509.30078	369.97	0	48.842295	-86.930193	55905.11	56219.8	30.19	55935.30	55938.26172	55517.78394	55535.20703	505121.9	5409927.1
L5120.1	505121.9	5409928.5	21509.40039	372.48	0	48.842308	-86.930193	55902.07	56219.8	30.19	55932.26	55935.31641	55494.90805	55512.39844	505121.9	5409928.5
L5120.1	505121.9	5409928.5	21509.50000	372.39	0	48.842308	-86.930193	55899.92	56219.8	30.19	55930.11	55933.26563	55491.53277	55509.08594	505121.9	5409928.5
L5120.1	505121.9	5409930.6	21509.59961	371.05	0	48.842327	-86.930194	55896.91	56219.8	30.19	55927.10	55930.35156	55466.28961	55483.89453	505121.9	5409930.6
L5120.1	505121.9	5409932.0	21509.69922	369.24	0	48.842340	-86.930194	55894.91	56219.8	30.19	55925.10	55928.44922	55463.32366	55480.96875	505121.9	5409932.0
L5120.1	505121.9	5409933.5	21509.69922	369.24	0	48.842353	-86.930194	55892.56	56219.8	30.19	55922.75	55926.19531	55450.48208	55468.16016	505121.9	5409933.5
L5120.1	505121.9	5409933.5	21509.90039	368.99	0	48.842353	-86.930194	55890.21	56219.8	30.19	55920.40	55923.94141	55436.00744	55453.71094	505121.9	5409933.5
L5120.1	505121.9	5409935.0	21510.00000	369.34	0	48.842366	-86.930194	55888.09	56219.8	30.19	55918.28	55921.92188	55425.30926	55443.02734	505121.9	5409935.0
L5120.1	505121.9	5409936.8	21510.09961	370.47	0	48.842383	-86.930194	55886.14	56219.8	30.19	55916.33	55920.06641	55416.94832	55434.67188	505121.9	5409936.8
L5120.1	505121.9	5409936.8	21510.19922	369.22	0	48.842383	-86.930194	55884.55	56219.8	30.20	55914.74	55918.57422	55415.39261	55433.10938	505121.9	5409936.8
L5120.1	505121.8	5409938.3	21510.30078	368.17	0	48.842396	-86.930194	55882.39	56219.8	30.20	55912.59	55916.52344	55398.89129	55416.58984	505121.8	5409938.3
L5120.1	505121.8	5409939.9	21510.40039	368.50	0	48.842411	-86.930195	55881.03	56219.8	30.20	55911.23	55915.25781	55399.31752	55416.98438	505121.8	5409939.9
L5120.1	505121.8	5409940.9	21510.50000	364.03	0	48.842420	-86.930195	55879.01	56219.8	30.21	55909.21	55913.33594	55382.40425	55400.03516	505121.8	5409940.9
L5120.1	505121.8	5409942.4	21510.59961	363.64	0	48.842433	-86.930195	55877.94	56219.8	30.21	55908.15	55912.37109	55386.40621	55403.98828	505121.8	5409942.4
L5120.1	505121.8	5409942.4	21510.69922	364.18	0	48.842433	-86.930195	55876.20	56219.8	30.21	55906.41	55910.72656	55372.57181	55390.08984	505121.8	5409942.4
L5120.1	505121.8	5409944.1	21510.80078	366.16	0	48.842448	-86.930195	55875.44	56219.8	30.21	55905.65	55910.06250	55380.10431	55397.54688	505121.8	5409944.1
L5120.1	505121.8	5409944.1	21510.90039	367.11	0	48.842448	-86.930195	55873.54	56219.8	30.22	55903.76	55908.26953	55359.15345	55376.50781	505121.8	5409944.1
L5120.1	505121.7	5409946.9	21511.00000	367.86	0	48.842474	-86.930196	55873.01	56219.8	30.22	55903.23	55907.83203	55368.53262	55385.79297	505121.7	5409946.9
L5120.1	505121.7	5409946.9	21511.09961	369.21	0	48.842474	-86.930196	55871.46	56219.8	30.22	55901.69	55906.38672	55352.25355	55369.40234	505121.7	5409946.9
L5120.1	505121.7	5409948.5	21511.19922	367.67	0	48.842488	-86.930196	55870.91	56219.8	30.22	55901.14	55905.92969	55357.55857	55374.58594	505121.7	5409948.5
L5120.1	505121.7	5409950.1	21511.30078	366.62	0	48.842502	-86.930196	55869.72	56219.8	30.22	55899.95	55904.83203	55345.94359	55362.83594	505121.7	5409950.1
L5120.1	505121.7	5409950.1	21511.40039	366.60	0	48.842502	-86.930196	55869.42	56219.8	30.22	55899.64	55904.61328	55353.31611	55370.05859	505121.7	5409950.1
L5120.1	505121.7	5409951.5	21511.50000	368.21	0	48.842515	-86.930196	55868.64	56219.8	30.23	55898.86	55903.92578	55347.79004	55364.37500	505121.7	5409951.5
L5120.1	505121.7	5409953.3	21511.59961	366.22	0	48.842531	-86.930197	55868.46	56219.8	30.23	55898.68	55903.83594	55354.64668	55371.05859	505121.7	5409953.3
L5120.1	505121.7	5409953.3	21511.69922	363.48	0	48.842531	-86.930197	55868.13	56219.8	30.23	55898.36	55903.60547	55356.41322	55372.64063	505121.7	5409953.3

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5120.1	505121.7	5409954.7	21511.69922	363.48	0	48.842544	-86.930197	55867.75	56219.8	30.23	55897.98	55903.31250	55354.98881	55371.01953	505121.7	5409954.7
L5120.1	505121.6	5409956.1	21511.90039	367.18	0	48.842556	-86.930197	55867.82	56219.8	30.23	55898.05	55903.46875	55362.43199	55378.25000	505121.6	5409956.1
L5120.1	505121.6	5409957.4	21512.00000	371.42	0	48.842568	-86.930197	55867.52	56219.8	30.23	55897.75	55903.25781	55359.38571	55374.98438	505121.6	5409957.4
L5120.1	505121.6	5409957.4	21512.09961	372.17	0	48.842568	-86.930197	55867.70	56219.8	30.23	55897.93	55903.51953	55365.94364	55381.30859	505121.6	5409957.4
L5120.1	505121.6	5409959.0	21512.19922	372.75	0	48.842582	-86.930197	55867.68	56219.8	30.23	55897.91	55903.58594	55366.05942	55381.17969	505121.6	5409959.0
L5120.1	505121.6	5409960.5	21512.30078	371.57	0	48.842596	-86.930197	55868.20	56219.8	30.24	55898.44	55904.19922	55377.46807	55392.32813	505121.6	5409960.5
L5120.1	505121.6	5409960.5	21512.40039	369.74	0	48.842596	-86.930197	55868.82	56219.8	30.24	55899.05	55904.88672	55389.08733	55403.67578	505121.6	5409960.5
L5120.1	505121.6	5409961.8	21512.50000	370.30	0	48.842608	-86.930198	55868.98	56219.8	30.24	55899.22	55905.14063	55388.65552	55402.96094	505121.6	5409961.8
L5120.1	505121.6	5409963.1	21512.59961	372.03	0	48.842620	-86.930198	55869.90	56219.8	30.24	55900.14	55906.13672	55404.30647	55418.32031	505121.6	5409963.1
L5120.1	505121.6	5409964.4	21512.69922	373.20	0	48.842631	-86.930198	55870.43	56219.8	30.24	55900.68	55906.75391	55409.37225	55423.07813	505121.6	5409964.4
L5120.1	505121.6	5409964.4	21512.80078	373.02	0	48.842631	-86.930198	55871.32	56219.8	30.25	55901.57	55907.71875	55421.12367	55434.51172	505121.6	5409964.4
L5120.1	505121.6	5409965.9	21512.90039	375.39	0	48.842644	-86.930198	55872.15	56219.8	30.25	55902.40	55908.62500	55429.90384	55442.96094	505121.6	5409965.9
L5120.1	505121.6	5409965.9	21513.00000	373.41	0	48.842644	-86.930198	55873.26	56219.8	30.25	55903.51	55909.80859	55443.77391	55456.49609	505121.6	5409965.9
L5120.1	505121.5	5409967.7	21513.09961	370.67	0	48.842661	-86.930198	55874.05	56219.7	30.25	55904.30	55910.66797	55448.59168	55460.96484	505121.5	5409967.7
L5120.1	505121.5	5409968.9	21513.19922	370.47	0	48.842671	-86.930199	55875.62	56219.7	30.25	55905.87	55912.30859	55470.37390	55482.38672	505121.5	5409968.9
L5120.1	505121.5	5409970.2	21513.30078	368.27	0	48.842683	-86.930199	55876.48	56219.7	30.26	55906.73	55913.23828	55473.95734	55485.59766	505121.5	5409970.2
L5120.1	505121.5	5409970.2	21513.40039	366.90	0	48.842683	-86.930199	55878.09	56219.7	30.26	55908.35	55914.92578	55494.10150	55505.35938	505121.5	5409970.2
L5120.1	505121.5	5409971.7	21513.50000	365.87	0	48.842696	-86.930199	55879.14	56219.7	30.26	55909.40	55916.03906	55499.42513	55510.29688	505121.5	5409971.7
L5120.1	505121.5	5409973.2	21513.59961	364.01	0	48.842710	-86.930199	55880.80	56219.7	30.26	55911.06	55917.76563	55517.83964	55528.31250	505121.5	5409973.2
L5120.1	505121.5	5409974.3	21513.69922	365.70	0	48.842720	-86.930199	55882.12	56219.7	30.26	55912.38	55919.14453	55526.94237	55537.00781	505121.5	5409974.3
L5120.1	505121.5	5409975.3	21513.69922	365.70	0	48.842729	-86.930199	55884.02	56219.7	30.26	55914.28	55921.10547	55548.50502	55558.15234	505121.5	5409975.3
L5120.1	505121.5	5409975.3	21513.90039	367.71	0	48.842729	-86.930199	55885.64	56219.7	30.27	55915.90	55922.78516	55562.25285	55571.47656	505121.5	5409975.3
L5120.1	505121.5	5409977.0	21514.00000	367.84	0	48.842744	-86.930199	55887.20	56219.7	30.27	55917.47	55924.41016	55573.66010	55582.45313	505121.5	5409977.0
L5120.1	505121.5	5409977.0	21514.09961	369.57	0	48.842744	-86.930199	55888.92	56219.7	30.27	55919.19	55926.18750	55587.49312	55595.84766	505121.5	5409977.0
L5120.1	505121.5	5409979.4	21514.19922	372.10	0	48.842766	-86.930199	55890.92	56219.7	30.28	55921.20	55928.25000	55607.10165	55615.00781	505121.5	5409979.4
L5120.1	505121.5	5409979.4	21514.30078	372.73	0	48.842766	-86.930199	55892.64	56219.7	30.28	55922.92	55930.02344	55618.82816	55626.28125	505121.5	5409979.4
L5120.1	505121.5	5409980.5	21514.40039	373.45	0	48.842775	-86.930199	55894.74	56219.7	30.29	55925.02	55932.17188	55638.54332	55645.53516	505121.5	5409980.5
L5120.1	505121.5	5409980.5	21514.50000	374.47	0	48.842775	-86.930199	55896.59	56219.7	30.29	55926.88	55934.08203	55651.64578	55658.17188	505121.5	5409980.5
L5120.1	505121.5	5409981.9	21514.59961	372.95	0	48.842789	-86.930199	55898.18	56219.7	30.29	55928.47	55935.71875	55657.47165	55663.53125	505121.5	5409981.9
L5120.1	505121.5	5409983.1	21514.69922	370.35	0	48.842799	-86.930198	55900.23	56219.7	30.30	55930.52	55937.81250	55673.31020	55678.89453	505121.5	5409983.1
L5120.1	505121.5	5409983.1	21514.80078	371.20	0	48.842799	-86.930198	55902.38	56219.7	30.30	55932.68	55940.01563	55690.93909	55696.03906	505121.5	5409983.1
L5120.1	505121.5	5409984.3	21514.90039	370.27	0	48.842810	-86.930198	55904.30	56219.7	30.31	55934.60	55941.97656	55702.13614	55706.75391	505121.5	5409984.3
L5120.1	505121.6	5409985.4	21515.00000	366.01	0	48.842820	-86.930198	55906.32	56219.7	30.31	55936.63	55944.04688	55715.21481	55719.34375	505121.6	5409985.4
L5120.1	505121.6	5409985.4	21515.09961	367.37	0	48.842820	-86.930198	55908.73	56219.7	30.31	55939.04	55946.49219	55736.59881	55740.23828	505121.6	5409985.4
L5120.1	505121.6	5409986.9	21515.19922	368.16	0	48.842833	-86.930197	55910.82	56219.7	30.31	55941.14	55948.62891	55750.03458	55753.18359	505121.6	5409986.9
L5120.1	505121.6	5409988.0	21515.30078	367.37	0	48.842844	-86.930197	55912.95	56219.7	30.31	55943.27	55950.79297	55763.59926	55766.25000	505121.6	5409988.0
L5120.1	505121.6	5409988.0	21515.40039	367.54	0	48.842844	-86.930197	55915.00	56219.7	30.31	55945.31	55952.86328	55774.50360	55776.65625	505121.6	5409988.0
L5120.1	505121.6	5409989.2	21515.50000	366.54	0	48.842854	-86.930197	55917.13	56219.7	30.32	55947.44	55955.02344	55787.04474	55788.69922	505121.6	5409989.2
L5120.1	505121.7	5409990.2	21515.59961	365.81	0	48.842863	-86.930196	55919.15	56219.7	30.32	55949.46	55957.07422	55796.54309	55797.69922	505121.7	5409990.2
L5120.1	505121.7	5409991.1	21515.69922	366.53	0	48.842871	-86.930196	55921.32	56219.7	30.32	55951.64	55959.28125	55809.42107	55810.07813	505121.7	5409991.1
L5120.1	505121.7	5409991.1	21515.69922	366.53	0	48.842871	-86.930196	55923.25	56219.7	30.32	55953.56	55961.22656	55815.80133	55815.95703	505121.7	5409991.1
L5120.1	505121.7	5409992.3	21515.90039	368.42	0	48.842881	-86.930196	55925.37	56219.7	30.32	55955.69	55963.37891	55826.82971	55826.48438	505121.7	5409992.3
L5120.1	505121.7	5409993.4	21516.00000	369.77	0	48.842891	-86.930196	55927.34	56219.7	30.32	55957.66	55965.37109	55833.80882	55832.96875	505121.7	5409993.4
L5120.1	505121.7	5409994.6	21516.09961	367.75	0	48.842903	-86.930195	55929.49	56219.7	30.32	55959.81	55967.53906	55844.81234	55843.47656	505121.7	5409994.6
L5120.1	505121.7	5409994.6	21516.19922	370.51	0	48.842903	-86.930195	55931.46	56219.7	30.32	55961.79	55969.53906	55851.61394	55849.78516	505121.7	5409994.6
L5120.1	505121.7	5409995.6	21516.30078	372.83	0	48.842912	-86.930195	55933.79	56219.7	30.33	55964.12	55971.88281	55866.53772	55864.21875	505121.7	5409995.6
L5120.1	505121.7	5409996.5	21516.40039	373.52	0	48.842920	-86.930195	55935.94	56219.7	30.33	55966.27	55974.04688	55877.10372	55874.29688	505121.7	5409996.5
L5120.1	505121.7	5409996.5	21516.50000	373.79	0	48.842920	-86.930195	55938.07	56219.7	30.33	55968.40	55976.19141	55887.13030	55883.83984	505121.7	5409996.5
L5120.1	505121.8	5409997.5	21516.59961	373.16	0	48.842928	-86.930195	55939.96	56219.7	30.33	55970.30	55978.10156	55891.69471	55887.92578	505121.8	5409997.5
L5120.1	505121.8	5409998.5	21516.69922	373.90	0	48.842937	-86.930194	55941.89	56219.7	30.33	55972.22	55980.03125	55896.73929	55892.49609	505121.8	5409998.5
L5120.1	505121.8	5409998.5	21516.80078	374.47	0	48.842937	-86.930194	55943.96	56219.7	30.34	55974.30	55982.11719	55905.60693	55900.89063	505121.8	5409998.5
L5120.1	505121.8	5409999.3	21516.90039	372.85	0	48.842945	-86.930194	55946.24	56219.7	30.34	55976.58	55984.40625	55919.27714	55914.09766	505121.8	5409999.3
L5120.1	505121.8	5410000.1	21517.00000	369.67	0	48.842952	-86.930194	55948.46	56219.7	30.34	55978.80	55986.62891	55931.64166	55926.00391	505121.8	5410000.1
L5120.1	505121.8	5410000.1	21517.09961	370.63	0	48.842952	-86.930194	55950.52	56219.7	30.34	55980.86	55988.69141	55940.37054	55934.28125	505121.8	5410000.1
L5120.1	505121.8	5410000.9	21517.19922	370.33	0	48.842959	-86.930194	55952.41	56219.7	30.34	55982.75	55990.58203	55945.25857	55938.72656	505121.8	5410000.9
L5120.1	505121.9	5410001.9	21517.30078	369.97	0	48.842968	-86.930193	55954.34	56219.7	30.34	55984.68	55992.51172	55951.29611	55944.32422	505121.9	5410001.9
L5120.1	505121.9	5410002.7	21517.40039	370.95	0	48.842975	-86.930193	55956.28	56219.7	30.34	55986.62	55994.44922	55957.80292	55950.39844	505121.9	5410002.7
L5120.1	505121.9	5410002.7	21517.50000	372.31	0	48.842975	-86.930193	55958.48	56219.7	30.34	55988.82	55996.64453	55970.71157	55962.88672	505121.9	5410002.7
L5120.1	505121.9	5410003.5	21517.59961	372.55	0	48.842983	-86.930193	55960.38	56219.7	30.35	55990.72	55998.53906	55976.81935	55968.58594	505121.9	5410003.5
L5120.1	505121.9	5410004.4	21517.69922	369.40	0	48.842991	-86.930192	55962.05	56219.7	30.35	55992.39	56000.20313	55977.80406	55969.16406	505121.9	5410004.4
L5120.1	505121.9	5410004.4	21517.69922	369.40	0	48.842991	-86.930192	55964.30	56219.7	30.35	55994.65	56002.45313	55993.05868	55984.02344	505121.9	5410004.4
L5120.1	505122.0	5410005.3	21517.90039	368.20	0	48.842999	-86.930192	55966.27	56219.7	30.35	55996.62	56004.41406	56001.81713	55992.39453	505122.0	5410005.3
L5120.1	505122.0	5410006.1	21518.00000	368.94	0	48.843006	-86.930192	55967.92	56219.7	30.35	55998.27	56006.05078	56003.39068	55993.59766	505122.0	5410006.1
L5120.1	505122.0	5410006.1	21518.09961	367.62	0	48.843006	-86.930192	55969.76	56219.6	30.35	56000.11	56007.87891	56009.84505	55999.68750	505122.0	5410006.1
L5120.1	505122.0	5410007.0	21518.19922	368.23	0	48.843014	-86.930191	55971.73	56219.6	30.36	56002.09	56009.84375	56020.01611	56009.50781	505122.0	5410007.0
L5120.1	505122.0	5410007.7	21518.30078	367.46	0	48.843020	-86.930191	55973.64	56219.6	30.36	56004.00	56011.73828	56028.95868	56018.10547	505122.0	5410007.7
L5120.1	505122.0	5410008.3	21518.40039	366.60	0	48.843026	-86.930191	55975.07	56219.6	30.36	56005.44	56013.16016	56027.23791	56016.05469	505122.0	5410008.3
L5120.1	505122.0	5410008.3	21518.50000	368.24	0	48.843026	-86.930191	55976.92	56219.6	30.36	56007.28	56014.98438	56035.41752	56023.91406	505122.0	5410008.3
L5120.1	505122.0	5410009.2	21518.59961	369.46	0	48.843034	-86.930191	55978.72	56219.6	30.37	56009.09	56016.77344	56043.35101	56031.54297	505122.0	5410009.2
L5120.1	505122.0	5410009.2	21518.69922	371.29	0	48.843034	-86.930191	55980.18	56219.6	30.37	56010.56	56018.22266	56043.72504	56031.62500	505122.0	5410009.2
L5120.1	505122.0	5410009.9	21518.80078	373.21	0	48.843040	-86.930191	55981.95	56219.6	30.37	56012.33	56019.96875	56051.66579	56039.28125	505122.0	5410009.9
L5120.1	505122.0	5410010.5	21518.90039	373.10	0	48.843046	-86.930191	55983.50	56219.6	30.38	56013.87	56021.48438	56054.66015	56042.00781	505122.0	5410010.5
L5120.1	505122.0	5410011.1	21519.00000	375.89	0	48.843051	-86.930191	55985.57	56219.6	30.38	56015.95	56023.53906	56070.90227	56057.99609	505122.0	5410011.1
L5120.1	505122.0	5410011.1	21519.09961	376.58	0	48.843051	-86.930191	55986.99	56219.6	30.38	56017.37	56024.93359	56072.04932	56058.90234	505122.0	5410011.1
L5120.1	505122.0	5410011.8	21519.19922	375.08	0	48.843057	-86.930191	55988.25	56219.6	30.38	56018.64	56026.17578	56070.15088	56056.77734	505122.0	5410011.8
L5120.1	505122.0	5410011.8	21519.30078	372.71	0	48.843057	-86.930191	55989.54	56219.6	30.38	56019.93	56027.43359	56069.22364	56055.63281	505122.0	5410011.8
L5120.1	505122.0	5410012.5	21519.40039	371.40	0	48.843064	-86.930191	55991.19	56219.6	30.38	56021.57	56029.04297	56077.06246	56063.26953	505122.0	5410012.5
L5120.1	505122.0	5410013.0	21519.50000	371.46	0	48.843068	-86.930191	55992.38	56219.6	30.38	56022.76	56030.20313	56074.76788	56060.79297	505122.0	5410013.0
L5120.1	505122.0	5410013.5	21519.59961	371.33	0	48.843072	-86.930191	55993.99	56219.6	30.39	56024.38	56031.78906	56083.12430	56068.97656	505122.0	5410013.5
L5120.1	505122.0	5410014.0	21519.69922	370.77	0	48.843077	-86.930192	55995.18	56219.6	30.39	56025.57	56032.94531	56081.81239	56067.50781	505122.0	5410014.0
L5120.1	505122.0	5410014.0	21519.69922	370.77	0	48.843077	-86.930192	55996.42	56219.6	30.39	56026.81	56034.15234	56082.16521	56067.71875	505122.0	5410014.0
L5120.1	505122.0	5410014.0	21519.90039	365.74	0	48.843077	-86.930192	55997.76	56219.6	30.39	56028.15	56035.45313	56085.35715	56070.78125	505122.0	5410014.0
L5120.1	505122.0	5410014.7	21520.00000	363.42	0	48.843083	-86.930192	55998.60	56219.6	30.39	56028.99	56036.25781	56077.20704	56062.51953	505122.0	5410014.7
L5120.1	505122.0	5410015.1	21520.09961	365.34	0	48.843087	-86.930192	55999.99	56219.6	30.39	56030.38	56037.60938	56082.50914	56067.72266	505122.0	5410015.1
L5120.1	505122.0	5410015.1	21520.19922	366.53	0	48.843087	-86.930192	56001.13	56219.6	30.39	56031.53	56038.71875	56082.59192	56067.72266	505122.0	5410015.1
L5120.1	505122.0	5410015.6	21520.30078	367.78	0	48.843091	-86.930192	56002.19	56219.6	30.40	56032.59	56039.73828	56080.98765	56066.04688	505122.0	5410015.6
L5120.1	505122.0	5410016.0	21520.40039	368.87	0	48.843095	-86.930192	56003.28	56219.6	30.40	56033.68	56040.78906	56080.51896	56065.52344	505122.0	5410016.0
L5120.1	505122.0	5410016.4	21520.50000	369.74	0	48.843098	-86.930192	56004.19	56219.6	30.40	56034.59	56041.65625	56076.21227	56061.17969	505122.0	5410016.4
L5120.1	505122.0	5410016.4	21520.59961	370.63	0	48.843098	-86.930192	56004.77	56219.6	30.40	56035.17	56042.19141	56064.51044	56049.45703	505122.0	5410016.4
L5120.1	505122.0	5410016.8	21520.69922	373.62	0	48.843102	-86.930192	56005.58	56219.6	30.40	56035.98	56042.95703	56058.62725	56043.56250	505122.0	5410016.8
L5120.1	505121.9	5410017.1	21520.80078	377.62	0	48.843105	-86.930192	56006.77	56219.6	30.41	56037.17	56044.10156	56062.09062	56047.03125	505121.9	5410017.1
L5120.1	505121.9	5410017.4	21520.90039	376.60	0	48.843108	-86.930192	56007.78	56219.6	30.41	56038.19	56045.07813	56061.89229	56046.85156	505121.9	5410017.4
L5120.1	505121.9	5410017.4	21521.00000	375.04	0	48.843108	-86.930192	56008.29	56219.6	30.41	56038.70	56045.53906	56049.98401	56034.98047	505121.9	5410017.4

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5120.1	505121.9	5410017.7	21521.09961	374.98	0	48.843110	-86.930192	56009.07	56219.6	30.41	56039.49	56046.28125	56045.00988	56030.05859	505121.9	5410017.7
L5120.1	505121.9	5410017.9	21521.19922	371.97	0	48.843112	-86.930192	56009.81	56219.6	30.41	56040.22	56046.96484	56038.92051	56024.03125	505121.9	5410017.9
L5120.1	505121.9	5410017.9	21521.30078	371.92	0	48.843112	-86.930192	56010.54	56219.6	30.42	56040.96	56047.65625	56033.35104	56018.53906	505121.9	5410017.9
L5120.1	505121.9	5410018.2	21521.40039	372.34	0	48.843115	-86.930192	56010.94	56219.6	30.42	56041.36	56048.00391	56020.01493	56005.29297	505121.9	5410018.2
L5120.1	505121.9	5410018.2	21521.50000	373.16	0	48.843115	-86.930192	56011.81	56219.6	30.42	56042.22	56048.81250	56017.79068	56003.17969	505121.9	5410018.2
L5120.1	505121.9	5410018.4	21521.59961	369.89	0	48.843117	-86.930192	56012.08	56219.6	30.42	56042.50	56049.04297	56002.09178	55987.60156	505121.9	5410018.4
L5120.1	505122.0	5410018.6	21521.69922	371.24	0	48.843119	-86.930192	56012.64	56219.6	30.42	56043.07	56049.55859	55993.44969	55979.09375	505122.0	5410018.6
L5120.1	505121.9	5410018.8	21521.69922	371.24	0	48.843120	-86.930192	56013.02	56219.6	30.42	56043.44	56049.87500	55980.26958	55966.05859	505121.9	5410018.8
L5120.1	505121.9	5410018.8	21521.90039	370.60	0	48.843121	-86.930192	56012.66	56219.6	30.43	56043.09	56049.47266	55950.24783	55936.19922	505121.9	5410018.8
L5120.1	505121.9	5410018.8	21522.00000	371.66	0	48.843121	-86.930192	56012.91	56219.6	30.43	56043.34	56049.66797	55934.54538	55920.67188	505121.9	5410018.8
L5120.1	505122.0	5410018.9	21522.09961	371.11	0	48.843121	-86.930192	56012.46	56219.6	30.43	56042.89	56049.16406	55902.43320	55888.74609	505122.0	5410018.9
L5120.1	505122.0	5410019.0	21522.19922	371.08	0	48.843122	-86.930192	56012.94	56219.6	30.43	56043.37	56049.58594	55892.39507	55878.91016	505122.0	5410019.0
L5120.1	505122.0	5410019.1	21522.30078	370.10	0	48.843123	-86.930192	56013.30	56219.6	30.43	56043.72	56049.87891	55879.37134	55866.09375	505122.0	5410019.1
L5120.1	505122.0	5410019.1	21522.40039	370.25	0	48.843123	-86.930192	56014.18	56219.6	30.43	56044.61	56050.71484	55879.16871	55866.11719	505122.0	5410019.1
L5120.1	505122.0	5410019.2	21522.50000	371.32	0	48.843124	-86.930192	56014.43	56219.6	30.43	56044.86	56050.90625	55863.89316	55851.07813	505122.0	5410019.2
L5120.1	505122.0	5410019.2	21522.59961	376.36	0	48.843124	-86.930192	56015.17	56219.6	30.42	56045.59	56051.57813	55859.98171	55847.41797	505122.0	5410019.2
L5120.1	505121.9	5410019.3	21522.69922	381.04	0	48.843125	-86.930192	56015.77	56219.6	30.42	56046.20	56052.12891	55853.24163	55840.93359	505121.9	5410019.3
L5120.1	505121.9	5410019.5	21522.80078	379.34	0	48.843126	-86.930192	56016.33	56219.6	30.42	56046.75	56052.61719	55845.07107	55833.03125	505121.9	5410019.5
L5120.1	505121.9	5410019.6	21522.90039	380.02	0	48.843127	-86.930192	56017.02	56219.6	30.42	56047.44	56053.25000	55840.17564	55828.41797	505121.9	5410019.6
L5120.1	505121.9	5410019.6	21523.00000	380.70	0	48.843127	-86.930192	56016.81	56219.6	30.42	56047.23	56052.97656	55813.96991	55802.50391	505121.9	5410019.6
L5120.1	505121.9	5410019.8	21523.09961	379.11	0	48.843129	-86.930192	56017.34	56219.6	30.42	56047.77	56053.45703	55805.41235	55794.24609	505121.9	5410019.8
L5120.1	505121.9	5410020.0	21523.19922	377.92	0	48.843131	-86.930192	56017.77	56219.6	30.43	56048.20	56053.82422	55794.17043	55783.31641	505121.9	5410020.0
L5120.1	505121.9	5410020.0	21523.30078	378.81	0	48.843131	-86.930192	56019.04	56219.6	30.43	56049.47	56055.03516	55802.66813	55792.12891	505121.9	5410020.0
L5120.1	505121.9	5410020.2	21523.40039	375.12	0	48.843133	-86.930192	56019.87	56219.6	30.44	56050.30	56055.80078	55800.65266	55790.44531	505121.9	5410020.2
L5120.1	505121.9	5410020.4	21523.50000	374.87	0	48.843135	-86.930192	56020.88	56219.6	30.44	56051.32	56056.75781	55802.99004	55793.12109	505121.9	5410020.4
L5120.1	505121.9	5410020.6	21523.59961	373.73	0	48.843137	-86.930192	56021.52	56219.6	30.44	56051.96	56057.33594	55796.20037	55786.67578	505121.9	5410020.6
L5120.1	505121.9	5410020.9	21523.69922	373.52	0	48.843139	-86.930192	56022.27	56219.6	30.45	56052.72	56058.03125	55792.08005	55782.91016	505121.9	5410020.9
L5120.1	505121.9	5410020.9	21523.69922	373.52	0	48.843139	-86.930192	56023.44	56219.6	30.45	56053.89	56059.13672	55797.46548	55788.65625	505121.9	5410020.9
L5120.1	505121.9	5410021.2	21523.90039	368.26	0	48.843142	-86.930192	56024.09	56219.5	30.46	56054.55	56059.73047	55790.61101	55782.16797	505121.9	5410021.2
L5120.1	505121.9	5410021.2	21524.00000	364.28	0	48.843142	-86.930192	56025.23	56219.5	30.46	56055.69	56060.80859	55794.88992	55786.82422	505121.9	5410021.2
L5120.1	505121.9	5410021.5	21524.09961	362.08	0	48.843144	-86.930192	56026.40	56219.5	30.46	56056.86	56061.91016	55799.66038	55791.98047	505121.9	5410021.5
L5120.1	505121.9	5410021.7	21524.19922	362.84	0	48.843146	-86.930192	56027.82	56219.5	30.46	56058.28	56063.26563	55810.10813	55802.81641	505121.9	5410021.7
L5120.1	505121.9	5410022.0	21524.30078	366.05	0	48.843149	-86.930193	56029.21	56219.5	30.47	56059.67	56064.58984	55819.60861	55812.70703	505121.9	5410022.0
L5120.1	505121.9	5410022.0	21524.40039	366.47	0	48.843149	-86.930193	56030.09	56219.5	30.47	56060.56	56065.41406	55817.04983	55810.54688	505121.9	5410022.0
L5120.1	505121.9	5410022.4	21524.50000	370.24	0	48.843153	-86.930193	56031.11	56219.5	30.47	56061.58	56066.36719	55817.30492	55811.21094	505121.9	5410022.4
L5120.1	505121.9	5410022.7	21524.59961	371.85	0	48.843156	-86.930193	56032.24	56219.5	30.47	56062.71	56067.42969	55819.89343	55814.20703	505121.9	5410022.7
L5120.1	505121.8	5410023.1	21524.69922	369.69	0	48.843159	-86.930194	56033.76	56219.5	30.47	56064.24	56068.89063	55831.65856	55826.38672	505121.8	5410023.1
L5120.1	505121.8	5410023.1	21524.80078	373.00	0	48.843159	-86.930194	56035.18	56219.5	30.48	56065.65	56070.23438	55840.31042	55835.45313	505121.8	5410023.1
L5120.1	505121.8	5410023.6	21524.90039	375.05	0	48.843164	-86.930194	56037.03	56219.5	30.48	56067.51	56072.02734	55859.30801	55854.87500	505121.8	5410023.6
L5120.1	505121.8	5410024.1	21525.00000	371.69	0	48.843168	-86.930194	56038.16	56219.5	30.48	56068.64	56073.08984	55860.77244	55856.76563	505121.8	5410024.1
L5120.1	505121.8	5410024.1	21525.09961	372.53	0	48.843168	-86.930194	56039.66	56219.5	30.48	56070.14	56074.51953	55870.68407	55867.10547	505121.8	5410024.1
L5120.1	505121.7	5410024.5	21525.19922	373.26	0	48.843172	-86.930195	56041.04	56219.5	30.48	56071.53	56075.83984	55877.70110	55874.55078	505121.7	5410024.5
L5120.1	505121.7	5410024.5	21525.30078	373.94	0	48.843172	-86.930195	56042.43	56219.5	30.48	56072.92	56077.16406	55884.41957	55881.69922	505121.7	5410024.5
L5120.1	505121.7	5410025.3	21525.40039	375.19	0	48.843179	-86.930195	56043.70	56219.5	30.48	56074.18	56078.35156	55887.76701	55885.48047	505121.7	5410025.3
L5120.1	505121.7	5410025.3	21525.50000	369.68	0	48.843179	-86.930195	56045.27	56219.5	30.49	56075.75	56079.85547	55898.13632	55896.28906	505121.7	5410025.3
L5120.1	505121.7	5410025.7	21525.59961	368.92	0	48.843183	-86.930195	56047.21	56219.5	30.49	56077.70	56081.73438	55917.18098	55915.77344	505121.7	5410025.7
L5120.1	505121.7	5410026.2	21525.69922	368.05	0	48.843187	-86.930196	56048.66	56219.5	30.49	56079.15	56083.11328	55924.11422	55923.14453	505121.7	5410026.2
L5120.1	505121.7	5410026.6	21525.69922	368.05	0	48.843191	-86.930196	56050.23	56219.5	30.49	56080.71	56084.60547	55933.34693	55932.81250	505121.7	5410026.6
L5120.1	505121.7	5410026.6	21525.90039	370.15	0	48.843191	-86.930196	56051.46	56219.5	30.49	56081.95	56085.77344	55934.72375	55934.62500	505121.7	5410026.6
L5120.1	505121.6	5410027.1	21526.00000	370.36	0	48.843195	-86.930196	56053.08	56219.5	30.49	56083.57	56087.32422	55944.78298	55945.12500	505121.6	5410027.1
L5120.1	505121.6	5410027.1	21526.09961	369.06	0	48.843195	-86.930196	56054.61	56219.5	30.49	56085.10	56088.78516	55952.42572	55953.20703	505121.6	5410027.1
L5120.1	505121.6	5410027.6	21526.19922	370.65	0	48.843199	-86.930196	56056.35	56219.5	30.49	56086.84	56090.45313	55964.74277	55965.96094	505121.6	5410027.6
L5120.1	505121.6	5410028.0	21526.30078	373.89	0	48.843203	-86.930197	56057.94	56219.5	30.49	56088.43	56091.97266	55973.23493	55974.88672	505121.6	5410028.0
L5120.1	505121.6	5410028.4	21526.40039	377.82	0	48.843207	-86.930197	56059.16	56219.5	30.49	56089.65	56093.12500	55972.71075	55974.79688	505121.6	5410028.4
L5120.1	505121.6	5410028.4	21526.50000	377.73	0	48.843207	-86.930197	56060.65	56219.5	30.49	56091.14	56094.54297	55978.29432	55980.81641	505121.6	5410028.4
L5120.1	505121.6	5410029.0	21526.59961	380.47	0	48.843213	-86.930197	56062.16	56219.5	30.50	56092.66	56095.99219	55984.32286	55987.27344	505121.6	5410029.0
L5120.1	505121.5	5410029.6	21526.69922	380.79	0	48.843217	-86.930197	56064.22	56219.5	30.50	56094.72	56097.98047	56002.85069	56006.23047	505121.5	5410029.6
L5120.1	505121.5	5410030.0	21526.80078	379.63	0	48.843221	-86.930198	56065.71	56219.5	30.50	56096.21	56099.40234	56007.66479	56011.46875	505121.5	5410030.0
L5120.1	505121.5	5410030.0	21526.90039	380.57	0	48.843221	-86.930198	56067.42	56219.5	30.50	56097.92	56101.03906	56017.43463	56021.65625	505121.5	5410030.0
L5120.1	505121.5	5410030.6	21527.00000	379.21	0	48.843227	-86.930198	56068.99	56219.5	30.50	56099.49	56102.53906	56023.66469	56028.30859	505121.5	5410030.6
L5120.1	505121.5	5410031.2	21527.09961	377.18	0	48.843232	-86.930198	56070.48	56219.5	30.50	56100.98	56103.95703	56027.78113	56032.83984	505121.5	5410031.2
L5120.1	505121.5	5410031.2	21527.19922	377.00	0	48.843232	-86.930198	56072.28	56219.5	30.51	56102.79	56105.69922	56039.24200	56044.71094	505121.5	5410031.2
L5120.1	505121.5	5410031.9	21527.30078	380.15	0	48.843238	-86.930198	56074.11	56219.5	30.51	56104.62	56107.45703	56050.97023	56056.84375	505121.5	5410031.9
L5120.1	505121.5	5410032.5	21527.40039	378.00	0	48.843243	-86.930198	56075.70	56219.5	30.52	56106.22	56108.98438	56057.07014	56063.34766	505121.5	5410032.5
L5120.1	505121.5	5410033.0	21527.50000	375.11	0	48.843248	-86.930198	56077.12	56219.5	30.52	56107.64	56110.33594	56058.73299	56065.41016	505121.5	5410033.0
L5120.1	505121.5	5410033.0	21527.59961	375.63	0	48.843248	-86.930198	56078.96	56219.5	30.52	56109.48	56112.10547	56070.14242	56077.21094	505121.5	5410033.0
L5120.1	505121.5	5410033.6	21527.69922	377.64	0	48.843253	-86.930199	56080.25	56219.5	30.53	56110.78	56113.33203	56068.63181	56076.08984	505121.5	5410033.6
L5120.1	505121.5	5410034.2	21527.69922	377.64	0	48.843259	-86.930199	56082.38	56219.5	30.53	56112.90	56115.38281	56086.33801	56094.17578	505121.5	5410034.2
L5120.1	505121.5	5410034.8	21527.90039	377.34	0	48.843265	-86.930199	56083.74	56219.5	30.54	56114.28	56116.69141	56086.42145	56094.63281	505121.5	5410034.8
L5120.1	505121.5	5410034.8	21528.00000	378.35	0	48.843265	-86.930199	56085.03	56219.5	30.54	56115.57	56117.91016	56084.24756	56092.83203	505121.5	5410034.8
L5120.1	505121.5	5410035.3	21528.09961	376.70	0	48.843269	-86.930199	56086.50	56219.5	30.54	56117.04	56119.31250	56086.20544	56095.15625	505121.5	5410035.3
L5120.1	505121.5	5410035.8	21528.19922	379.36	0	48.843273	-86.930199	56087.96	56219.5	30.54	56118.50	56120.69922	56087.81809	56097.12500	505121.5	5410035.8
L5120.1	505121.5	5410035.8	21528.30078	379.46	0	48.843273	-86.930199	56089.51	56219.5	30.54	56120.06	56122.19141	56091.69517	56101.35156	505121.5	5410035.8
L5120.1	505121.5	5410036.3	21528.40039	383.11	0	48.843278	-86.930199	56091.18	56219.5	30.54	56121.72	56123.78125	56097.84789	56107.84766	505121.5	5410036.3
L5120.1	505121.5	5410036.9	21528.50000	384.02	0	48.843283	-86.930199	56093.00	56219.5	30.54	56123.55	56125.53906	56107.94100	56118.28125	505121.5	5410036.9
L5120.1	505121.5	5410036.9	21528.59961	388.11	0	48.843283	-86.930199	56094.04	56219.5	30.55	56124.58	56126.50000	56099.07217	56109.74219	505121.5	5410036.9
L5120.1	505121.5	5410037.6	21528.69922	389.36	0	48.843289	-86.930199	56095.52	56219.5	30.55	56126.07	56127.92188	56101.01633	56112.01172	505121.5	5410037.6
L5120.1	505121.5	5410037.9	21528.80078	389.03	0	48.843292	-86.930198	56097.25	56219.5	30.55	56127.79	56129.57031	56108.35132	56119.66016	505121.5	5410037.9
L5120.1	505121.5	5410038.5	21528.90039	388.01	0	48.843298	-86.930198	56098.67	56219.5	30.55	56129.22	56130.92969	56108.80445	56120.42188	505121.5	5410038.5
L5120.1	505121.5	5410038.5	21529.00000	386.68	0	48.843298	-86.930198	56100.21	56219.4	30.55	56130.76	56132.40234	56111.83522	56123.75781	505121.5	5410038.5
L5120.1	505121.5	5410039.1	21529.09961	386.76	0	48.843303	-86.930198	56101.77	56219.4	30.55	56132.33	56133.90234	56115.56432	56127.78125	505121.5	5410039.1
L5120.1	505121.5	5410039.6	21529.19922	384.26	0	48.843307	-86.930198	56103.20	56219.4	30.56	56133.75	56135.25391	56115.75004	56128.25391	505121.5	5410039.6
L5120.1	505121.5	5410040.0	21529.30078	386.43	0	48.843311	-86.930198	56104.23	56219.4	30.56	56134.79	56136.22266	56106.96932	56119.75000	505121.5	5410040.0
L5120.1	505121.5	5410040.0	21529.40039	384.30	0	48.843311	-86.930198	56106.06	56219.4	30.56	56136.62	56137.98438	56116.86985	56129.92188	505121.5	5410040.0
L5120.1	505121.5	5410040.5	21529.50000	384.30	0	48.843315	-86.930198	56107.29	56219.4	30.57	56137.86	56139.15625	56112.86265	56126.17969	505121.5	5410040.5
L5120.1	505121.5	5410041.1	21529.59961	381.82	0	48.843321	-86.930197	56108.53	56219.4	30.57	56139.10	56140.32813	56108.89403	56122.46484	505121.5	5410041.1
L5120.1	505121.5	5410041.1	21529.69922	380.84	0	48.843321	-86.930197	56110.32	56219.4	30.57	56140.90	56142.06250	56118.20136	56132.02344	505121.5	5410041.1
L5120.1	505121.5	5410041.6	21529.69922	380.84	0	48.843325	-86.930197	56112.02	56219.4	30.57	56142.59	56143.68359	56124.96648	56139.02344	505121.5	5410041.6
L5120.1	505121.6	5410042.1	21529.80078	380.13	0	48.843330	-86.930197	56113.43	56219.4	30.57	56144.01	56145.03516	56125.41822	56139.70703	505121.6	5410042.1
L5120.1	505121.6	5410042.1	21529.90039	379.65	0	48.843330	-86.930197	56114.66	56219.4	30.58	56145.23	56146.18750	56121.21816	56135.73047	505121.6	5410042.1
L5120.1	505121.6	5410043.2	21530.00000	379.48	0	48.843340	-86.930197	56116.13	56219.4	30.58	56146.71	56147.60156	56123.24016	56137.97266	505121.6	5410043.2
L5120.1	505121.6	5410043.2	21530.19922	382.60	0	48.843340	-86.930197	56117.66	56219.4	30.58	56148.24	56149.06641	56126.53093	56141.47266	505121.6	5410043.2
L5120.1	505121.6	5410043.8	21530.19922	382.60	0	48.843345	-86.930197	56119.01	56219.4	30.58	56149.59	56150.34766	56125.66439	56140.80469	505121.6	5410043.8

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5120.1	505121.6	5410044.3	21530.40039	385.94	0	48.843350	-86.930196	56120.29	56219.4	30.59	56150.88	56151.57031	56123.48184	56138.81250	505121.6	5410044.3
L5120.1	505121.6	5410044.3	21530.50000	386.20	0	48.843350	-86.930196	56121.86	56219.4	30.59	56152.45	56153.07422	56128.02108	56143.53906	505121.6	5410044.3
L5120.1	505121.6	5410045.1	21530.59961	387.70	0	48.843357	-86.930196	56123.20	56219.4	30.59	56153.79	56154.35156	56127.24076	56142.93750	505121.6	5410045.1
L5120.1	505121.6	5410045.6	21530.69922	391.19	0	48.843362	-86.930196	56124.56	56219.4	30.59	56155.16	56155.65625	56127.28819	56143.15625	505121.6	5410045.6
L5120.1	505121.6	5410045.6	21530.80078	393.02	0	48.843362	-86.930196	56126.11	56219.4	30.60	56156.71	56157.14063	56131.71189	56147.74219	505121.6	5410045.6
L5120.1	505121.6	5410046.2	21530.90039	393.70	0	48.843367	-86.930196	56127.46	56219.4	30.60	56158.06	56158.42578	56131.54031	56147.72656	505121.6	5410046.2
L5120.1	505121.6	5410046.8	21531.00000	392.87	0	48.843372	-86.930197	56128.72	56219.4	30.60	56159.32	56159.62109	56129.37635	56145.71094	505121.6	5410046.8
L5120.1	505121.6	5410046.8	21531.09961	391.08	0	48.843372	-86.930197	56130.11	56219.4	30.60	56160.71	56160.94531	56130.42103	56146.89844	505121.6	5410046.8
L5120.1	505121.6	5410047.6	21531.19922	389.61	0	48.843379	-86.930197	56131.17	56219.4	30.60	56161.77	56161.94141	56123.81193	56140.42578	505121.6	5410047.6
L5120.1	505121.6	5410048.1	21531.30078	388.04	0	48.843384	-86.930196	56132.36	56219.4	30.61	56162.96	56163.07031	56120.41870	56137.16016	505121.6	5410048.1
L5120.1	505121.6	5410048.1	21531.40039	387.19	0	48.843384	-86.930196	56133.98	56219.4	30.61	56164.58	56164.62500	56127.33106	56144.19531	505121.6	5410048.1
L5120.1	505121.6	5410048.6	21531.50000	386.99	0	48.843388	-86.930196	56135.20	56219.4	30.61	56165.81	56165.79297	56125.18168	56142.16406	505121.6	5410048.6
L5120.1	505121.6	5410049.2	21531.59961	387.96	0	48.843394	-86.930196	56136.30	56219.4	30.61	56166.91	56166.82813	56120.11477	56137.20703	505121.6	5410049.2
L5120.1	505121.6	5410049.2	21531.69922	388.18	0	48.843394	-86.930196	56137.62	56219.4	30.61	56168.24	56168.09766	56120.63646	56137.83594	505121.6	5410049.2
L5120.1	505121.6	5410049.9	21531.69922	388.18	0	48.843400	-86.930196	56139.21	56219.4	30.61	56169.83	56169.62500	56127.45729	56144.75391	505121.6	5410049.9
L5120.1	505121.7	5410050.5	21531.90039	388.22	0	48.843405	-86.930196	56140.66	56219.4	30.62	56171.28	56171.01563	56131.13000	56148.51563	505121.7	5410050.5
L5120.1	505121.7	5410050.5	21532.00000	389.24	0	48.843405	-86.930196	56142.02	56219.4	30.62	56172.64	56172.31250	56132.83704	56150.31250	505121.7	5410050.5
L5120.1	505121.7	5410051.1	21532.09961	389.14	0	48.843411	-86.930195	56143.44	56219.4	30.62	56174.06	56173.67188	56136.12279	56153.68359	505121.7	5410051.1
L5120.1	505121.7	5410051.1	21532.19922	389.76	0	48.843411	-86.930195	56144.36	56219.4	30.63	56174.98	56174.53125	56127.75971	56145.39844	505121.7	5410051.1
L5120.1	505121.7	5410051.7	21532.30078	390.77	0	48.843416	-86.930195	56145.71	56219.4	30.63	56176.35	56175.84375	56130.18941	56147.90234	505121.7	5410051.7
L5120.1	505121.7	5410052.4	21532.40039	394.30	0	48.843422	-86.930195	56147.05	56219.4	30.64	56177.68	56177.11328	56131.83746	56149.61719	505121.7	5410052.4
L5120.1	505121.7	5410052.9	21532.50000	391.98	0	48.843427	-86.930194	56148.37	56219.4	30.64	56179.01	56178.38281	56133.64896	56151.49219	505121.7	5410052.9
L5120.1	505121.8	5410053.5	21532.59961	393.23	0	48.843433	-86.930194	56149.79	56219.4	30.64	56180.43	56179.74609	56137.74994	56155.65625	505121.8	5410053.5
L5120.1	505121.8	5410053.5	21532.69922	395.30	0	48.843433	-86.930194	56151.00	56219.4	30.65	56181.64	56180.89453	56137.05364	56155.01953	505121.8	5410053.5
L5120.1	505121.8	5410054.0	21532.80078	394.47	0	48.843437	-86.930194	56151.98	56219.3	30.65	56182.64	56181.83594	56131.55978	56149.57813	505121.8	5410054.0
L5120.1	505121.8	5410054.0	21532.90039	396.48	0	48.843437	-86.930194	56153.50	56219.3	30.66	56184.16	56183.30078	56138.51214	56156.58203	505121.8	5410054.0
L5120.1	505121.8	5410054.7	21533.00000	396.98	0	48.843443	-86.930194	56154.77	56219.3	30.66	56185.43	56184.51172	56139.72117	56157.83984	505121.8	5410054.7
L5120.1	505121.8	5410055.3	21533.09961	396.90	0	48.843449	-86.930193	56155.88	56219.3	30.66	56186.54	56185.56641	56137.31229	56155.47656	505121.8	5410055.3
L5120.1	505121.9	5410055.9	21533.19922	398.25	0	48.843454	-86.930193	56157.30	56219.3	30.66	56187.96	56186.92969	56142.38721	56160.59766	505121.9	5410055.9
L5120.1	505121.9	5410055.9	21533.30078	396.05	0	48.843454	-86.930193	56158.24	56219.3	30.66	56188.90	56187.81250	56136.28376	56154.53516	505121.9	5410055.9
L5120.1	505121.9	5410056.5	21533.40039	393.80	0	48.843460	-86.930192	56159.52	56219.3	30.66	56190.18	56189.03906	56138.37129	56156.66016	505121.9	5410056.5
L5120.1	505121.9	5410057.0	21533.50000	393.79	0	48.843464	-86.930192	56160.87	56219.3	30.66	56191.53	56190.33203	56142.27106	56160.59766	505121.9	5410057.0
L5120.1	505121.9	5410057.0	21533.59961	394.47	0	48.843464	-86.930192	56161.92	56219.3	30.66	56192.58	56191.32813	56139.24209	56157.60547	505121.9	5410057.0
L5120.1	505122.0	5410057.7	21533.69922	394.95	0	48.843470	-86.930191	56163.14	56219.3	30.66	56193.81	56192.50391	56140.62221	56159.02344	505122.0	5410057.7
L5120.1	505122.0	5410058.3	21533.69922	394.95	0	48.843476	-86.930191	56164.54	56219.3	30.66	56195.20	56193.83984	56145.93822	56164.37500	505122.0	5410058.3
L5120.1	505122.0	5410058.9	21533.90039	398.02	0	48.843481	-86.930190	56166.09	56219.3	30.66	56196.75	56195.33594	56155.18939	56173.65625	505122.0	5410058.9
L5120.1	505122.0	5410058.9	21534.00000	395.26	0	48.843481	-86.930190	56167.09	56219.3	30.66	56197.75	56196.28125	56151.60334	56170.10547	505122.0	5410058.9
L5120.1	505122.1	5410059.4	21534.09961	394.27	0	48.843485	-86.930190	56168.05	56219.3	30.66	56198.71	56197.19141	56147.22675	56165.76563	505122.1	5410059.4
L5120.1	505122.1	5410060.0	21534.19922	393.47	0	48.843491	-86.930189	56169.46	56219.3	30.67	56200.13	56198.55859	56153.87015	56172.44531	505122.1	5410060.0
L5120.1	505122.1	5410060.0	21534.30078	394.41	0	48.843491	-86.930189	56170.55	56219.3	30.67	56201.22	56199.59766	56152.87164	56171.48047	505122.1	5410060.0
L5120.1	505122.1	5410060.7	21534.40039	396.26	0	48.843497	-86.930189	56171.95	56219.3	30.67	56202.62	56200.94531	56159.34902	56177.98828	505122.1	5410060.7
L5120.1	505122.2	5410061.5	21534.50000	396.07	0	48.843504	-86.930188	56173.28	56219.3	30.68	56203.95	56202.22656	56164.32568	56183.00391	505122.2	5410061.5
L5120.1	505122.2	5410061.5	21534.59961	395.92	0	48.843504	-86.930188	56174.30	56219.3	30.68	56204.97	56203.19531	56162.13222	56180.84766	505122.2	5410061.5
L5120.1	505122.2	5410062.6	21534.69922	393.99	0	48.843514	-86.930188	56175.57	56219.3	30.68	56206.25	56204.42578	56166.23326	56184.98828	505122.2	5410062.6
L5120.1	505122.2	5410062.6	21534.80078	395.67	0	48.843514	-86.930188	56176.70	56219.3	30.68	56207.38	56205.50391	56166.94392	56185.73828	505122.2	5410062.6
L5120.1	505122.2	5410062.6	21534.90039	397.35	0	48.843514	-86.930188	56178.27	56219.3	30.69	56208.96	56207.03516	56178.43779	56197.26953	505122.2	5410062.6
L5120.1	505122.2	5410063.3	21535.00000	397.33	0	48.843520	-86.930188	56179.76	56219.3	30.69	56210.45	56208.47656	56187.95941	56206.83594	505122.2	5410063.3
L5120.1	505122.2	5410063.8	21535.09961	397.99	0	48.843525	-86.930188	56180.44	56219.3	30.69	56211.13	56209.10938	56178.50148	56197.42578	505122.2	5410063.8
L5120.1	505122.2	5410064.3	21535.19922	397.80	0	48.843530	-86.930188	56181.60	56219.3	30.69	56212.29	56210.22266	56180.53733	56199.50781	505122.2	5410064.3
L5120.1	505122.2	5410064.3	21535.30078	399.25	0	48.843530	-86.930188	56182.25	56219.3	30.69	56212.94	56210.82813	56170.68203	56189.70313	505122.2	5410064.3
L5120.1	505122.2	5410065.1	21535.40039	402.16	0	48.843536	-86.930188	56183.75	56219.3	30.69	56214.44	56212.28125	56181.06279	56200.13281	505122.2	5410065.1
L5120.1	505122.2	5410065.1	21535.50000	402.50	0	48.843536	-86.930188	56184.65	56219.3	30.69	56215.34	56213.13281	56177.42886	56196.55469	505122.2	5410065.1
L5120.1	505122.2	5410065.8	21535.59961	402.69	0	48.843543	-86.930188	56185.81	56219.3	30.69	56216.50	56214.25000	56180.09672	56199.28125	505122.2	5410065.8
L5120.1	505122.2	5410066.5	21535.69922	403.15	0	48.843550	-86.930188	56186.78	56219.3	30.69	56217.47	56215.17188	56178.43807	56197.68359	505122.2	5410066.5
L5120.1	505122.2	5410066.5	21535.69922	403.15	0	48.843550	-86.930188	56187.56	56219.3	30.69	56218.25	56215.91016	56172.45472	56191.76563	505122.2	5410066.5
L5120.1	505122.2	5410067.1	21535.90039	402.41	0	48.843555	-86.930188	56189.24	56219.3	30.69	56219.93	56217.54297	56187.89676	56207.26953	505122.2	5410067.1
L5120.1	505122.2	5410067.6	21536.00000	401.52	0	48.843559	-86.930188	56189.98	56219.3	30.69	56220.67	56218.24219	56181.30163	56200.74609	505122.2	5410067.6
L5120.1	505122.2	5410067.6	21536.09961	402.52	0	48.843559	-86.930188	56191.06	56219.3	30.69	56221.75	56219.27734	56182.90795	56202.42578	505122.2	5410067.6
L5120.1	505122.2	5410068.3	21536.19922	401.50	0	48.843566	-86.930188	56192.16	56219.3	30.69	56222.85	56220.33594	56185.15909	56204.75391	505122.2	5410068.3
L5120.1	505122.2	5410068.9	21536.30078	400.74	0	48.843571	-86.930188	56193.14	56219.3	30.69	56223.83	56221.27344	56184.75054	56204.42578	505122.2	5410068.9
L5120.1	505122.2	5410068.9	21536.40039	397.21	0	48.843571	-86.930188	56194.54	56219.3	30.69	56225.23	56222.63281	56194.44100	56214.19531	505122.2	5410068.9
L5120.1	505122.2	5410069.6	21536.50000	397.69	0	48.843578	-86.930188	56195.52	56219.3	30.69	56226.22	56223.58203	56194.62696	56214.46875	505122.2	5410069.6
L5120.1	505122.2	5410070.3	21536.59961	400.71	0	48.843583	-86.930188	56196.68	56219.3	30.70	56227.38	56224.69922	56199.01223	56218.94141	505122.2	5410070.3
L5120.1	505122.2	5410070.3	21536.69922	400.54	0	48.843583	-86.930188	56197.80	56219.3	30.70	56228.49	56225.76953	56202.40306	56222.42969	505122.2	5410070.3
L5120.1	505122.2	5410071.0	21536.80078	398.52	0	48.843590	-86.930188	56198.39	56219.3	30.70	56229.09	56226.33203	56193.93647	56214.05859	505122.2	5410071.0
L5120.1	505122.2	5410071.5	21536.90039	396.08	0	48.843595	-86.930188	56199.63	56219.3	30.70	56230.33	56227.53125	56200.78118	56221.00000	505122.2	5410071.5
L5120.1	505122.2	5410071.5	21537.00000	396.82	0	48.843595	-86.930188	56200.54	56219.3	30.70	56231.24	56228.40234	56200.02710	56220.35156	505122.2	5410071.5
L5120.1	505122.2	5410072.1	21537.09961	396.92	0	48.843599	-86.930188	56201.65	56219.3	30.70	56232.35	56229.47656	56204.19738	56224.62891	505122.2	5410072.1
L5120.1	505122.2	5410072.9	21537.19922	398.85	0	48.843607	-86.930188	56202.78	56219.3	30.70	56233.48	56230.57031	56209.04353	56229.58594	505122.2	5410072.9
L5120.1	505122.2	5410073.4	21537.30078	400.30	0	48.843611	-86.930188	56203.74	56219.3	30.70	56234.45	56231.50000	56210.31709	56230.97656	505122.2	5410073.4
L5120.1	505122.2	5410073.4	21537.40039	400.92	0	48.843611	-86.930188	56204.64	56219.3	30.70	56235.35	56232.36719	56210.14760	56230.92188	505122.2	5410073.4
L5120.1	505122.2	5410074.0	21537.50000	401.22	0	48.843617	-86.930188	56205.79	56219.3	30.71	56236.49	56233.46875	56215.86146	56236.75391	505122.2	5410074.0
L5120.1	505122.2	5410074.0	21537.59961	400.43	0	48.843617	-86.930188	56206.91	56219.3	30.71	56237.61	56234.55469	56221.32047	56242.33984	505122.2	5410074.0
L5120.1	505122.2	5410074.7	21537.69922	404.81	0	48.843624	-86.930188	56207.93	56219.3	30.71	56238.64	56235.55078	56224.87462	56246.02344	505122.2	5410074.7
L5120.1	505122.2	5410075.3	21537.69922	404.81	0	48.843629	-86.930188	56208.77	56219.3	30.71	56239.48	56236.35547	56224.16519	56245.44531	505122.2	5410075.3
L5120.1	505122.2	5410075.8	21537.90039	406.59	0	48.843633	-86.930188	56210.11	56219.3	30.71	56240.82	56237.66016	56235.49488	56256.91016	505122.2	5410075.8
L5120.1	505122.2	5410076.3	21538.00000	405.18	0	48.843638	-86.930188	56210.73	56219.3	30.71	56241.44	56238.25000	56230.04808	56251.60156	505122.2	5410076.3
L5120.1	505122.2	5410076.3	21538.09961	407.49	0	48.843638	-86.930188	56211.36	56219.3	30.71	56242.07	56238.84766	56225.07223	56246.76953	505122.2	5410076.3
L5120.1	505122.2	5410076.8	21538.19922	407.24	0	48.843642	-86.930188	56212.89	56219.3	30.71	56243.60	56240.34375	56241.59420	56263.43750	505122.2	5410076.8
L5120.1	505122.2	5410077.4	21538.30078	407.31	0	48.843647	-86.930188	56213.63	56219.3	30.71	56244.34	56241.05469	56239.69570	56261.68750	505122.2	5410077.4
L5120.1	505122.2	5410078.0	21538.40039	407.89	0	48.843652	-86.930188	56214.77	56219.3	30.71	56245.48	56242.16016	56247.48998	56269.63281	505122.2	5410078.0
L5120.1	505122.2	5410078.0	21538.50000	409.09	0	48.843652	-86.930188	56215.64	56219.3	30.71	56246.35	56243.00000	56249.15303	56271.44922	505122.2	5410078.0
L5120.1	505122.2	5410078.6	21538.59961	409.67	0	48.843658	-86.930188	56216.56	56219.3	30.72	56247.28	56243.90234	56252.48278	56274.94141	505122.2	5410078.6
L5120.1	505122.2	5410078.6	21538.69922	407.66	0	48.843658	-86.930188	56217.48	56219.3	30.72	56248.19	56244.78125	56255.59192	56278.21094	505122.2	5410078.6
L5120.1	505122.2	5410079.3	21538.80078	404.73	0	48.843664	-86.930188	56218.76	56219.3	30.72	56249.48	56246.04297	56267.93157	56290.71875	505122.2	5410079.3
L5120.1	505122.2	5410079.8	21538.90039	404.66	0	48.843669	-86.930188	56219.38	56219.3	30.72	56250.10	56246.63672	56264.70056	56287.65234	505122.2	5410079.8
L5120.1	505122.2	5410079.8	21539.00000	406.54	0	48.843669	-86.930188	56220.23	56219.3	30.72	56250.95	56247.45703	56267.16062	56290.28516	505122.2	5410079.8
L5120.1	505122.2	5410080.3	21539.09961	404.70	0	48.843674	-86.930188	56221.29	56219.3	30.72	56252.00	56248.48047	56274.60471	56297.90625	505122.2	5410080.3
L5120.1	505122.2	5410080.9	21539.19922	404.25	0	48.843679	-86.930188	56221.92	56219.3	30.72	56252.64	56249.09375	56272.62469	56296.10547	505122.2	5410080.9
L5120.1	505122.2	5410080.9	21539.30078	406.50	0	48.843679	-86.930188	56222.63	56219.3	30.71	56253.34	56249.76953	56272.32403	56295.98438	505122.2	5410080.9
L5120.1	505122.2	5410081.4	21539.40039	405.70	0	48.843684	-86.930188	56223.92	56219.3	30.71	56254.63	56251.03125	56286.22329	56310.06641	505122.2	5410081.4
L5120.1	505122.2	5410081.9	21539.50000	405.46	0	48.843688	-86.930188	56225.13	56219.3	30.71	56255.83	56252.20703	56298.25997	56322.28906	505122.2	5410081.9
L5120.1	505122.2	5410082.5	21539.59961	405.58	0	48.843694	-86.930188	56225.88	56219.3	30.71	56256.59	56252.94531	56300.16656	56324.38672	505122.2	5410082.5

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5120.1	505122.2	5410082.5	21539.69922	403.41	0	48.843694	-86.930188	56226.61	56219.3	30.71	56257.32	56253.65234	56301.62806	56326.04297	505122.2	5410082.5
L5120.1	505122.1	5410083.1	21539.69922	403.41	0	48.843698	-86.930189	56227.22	56219.3	30.71	56257.92	56254.22656	56300.28190	56324.89063	505122.1	5410083.1
L5120.1	505122.1	5410083.5	21539.90039	403.82	0	48.843703	-86.930189	56228.02	56219.3	30.70	56258.72	56255.00391	56303.92266	56328.73047	505122.1	5410083.5
L5120.1	505122.1	5410083.5	21540.00000	402.42	0	48.843703	-86.930189	56228.86	56219.3	30.70	56259.56	56255.82422	56308.76978	56333.77734	505122.1	5410083.5
L5120.1	505122.1	5410084.0	21540.09961	404.20	0	48.843707	-86.930189	56229.54	56219.3	30.70	56260.24	56256.48047	56310.09747	56335.31250	505122.1	5410084.0
L5120.1	505122.1	5410084.5	21540.19922	405.13	0	48.843711	-86.930189	56230.37	56219.3	30.70	56261.07	56257.28906	56315.22688	56340.64844	505122.1	5410084.5
L5120.1	505122.1	5410085.0	21540.30078	403.63	0	48.843716	-86.930189	56231.16	56219.3	30.70	56261.86	56258.05859	56319.66774	56345.29688	505122.1	5410085.0
L5120.1	505122.1	5410085.0	21540.40039	402.95	0	48.843716	-86.930189	56231.82	56219.3	30.70	56262.52	56258.69922	56321.29166	56347.13281	505122.1	5410085.0
L5120.1	505122.1	5410085.5	21540.50000	403.09	0	48.843720	-86.930189	56232.64	56219.3	30.70	56263.34	56259.50000	56326.94629	56353.00000	505122.1	5410085.5
L5120.1	505122.1	5410086.0	21540.59961	405.00	0	48.843725	-86.930189	56232.82	56219.3	30.71	56263.53	56259.67188	56317.96703	56344.23828	505122.1	5410086.0
L5120.1	505122.1	5410086.0	21540.69922	407.97	0	48.843725	-86.930189	56233.61	56219.3	30.71	56264.32	56260.44531	56323.40562	56349.89844	505122.1	5410086.0
L5120.1	505122.1	5410086.5	21540.80078	409.26	0	48.843729	-86.930189	56234.20	56219.3	30.71	56264.90	56261.00781	56324.12430	56350.83594	505122.1	5410086.5
L5120.1	505122.1	5410086.9	21540.90039	411.04	0	48.843733	-86.930189	56234.65	56219.3	30.71	56265.36	56261.44922	56322.24487	56349.17969	505122.1	5410086.9
L5120.1	505122.1	5410087.2	21541.00000	409.91	0	48.843736	-86.930189	56234.93	56219.3	30.71	56265.64	56261.71484	56316.34544	56343.50391	505122.1	5410087.2
L5120.1	505122.1	5410087.2	21541.09961	411.06	0	48.843736	-86.930189	56235.04	56219.3	30.71	56265.74	56261.79688	56306.42113	56333.80859	505122.1	5410087.2
L5120.1	505122.1	5410087.7	21541.19922	410.88	0	48.843740	-86.930189	56235.52	56219.3	30.71	56266.23	56262.27344	56305.93127	56333.54688	505122.1	5410087.7
L5120.1	505122.1	5410088.0	21541.30078	413.09	0	48.843743	-86.930189	56235.84	56219.3	30.71	56266.54	56262.56641	56301.40568	56329.25000	505122.1	5410088.0
L5120.1	505122.1	5410088.0	21541.40039	413.22	0	48.843743	-86.930189	56236.09	56219.3	30.71	56266.79	56262.80078	56295.67306	56323.75000	505122.1	5410088.0
L5120.1	505122.1	5410088.0	21541.50000	411.44	0	48.843743	-86.930189	56236.64	56219.3	30.71	56267.34	56263.33984	56297.23112	56325.53906	505122.1	5410088.0
L5120.1	505122.1	5410088.4	21541.59961	409.05	0	48.843746	-86.930189	56237.11	56219.3	30.70	56267.81	56263.79688	56297.09684	56325.64063	505122.1	5410088.4
L5120.1	505122.2	5410088.7	21541.69922	406.52	0	48.843749	-86.930188	56237.41	56219.3	30.70	56268.11	56264.08203	56293.13734	56321.91797	505122.2	5410088.7
L5120.1	505122.2	5410088.7	21541.69922	406.52	0	48.843749	-86.930188	56237.63	56219.3	30.70	56268.33	56264.28906	56287.47137	56316.48828	505122.2	5410088.7
L5120.1	505122.2	5410089.0	21541.90039	405.18	0	48.843752	-86.930188	56237.84	56219.3	30.70	56268.54	56264.48828	56281.74498	56310.99609	505122.2	5410089.0
L5120.1	505122.2	5410089.2	21542.00000	406.22	0	48.843754	-86.930188	56237.89	56219.3	30.70	56268.59	56264.52734	56272.40704	56301.89453	505122.2	5410089.2
L5120.1	505122.2	5410089.2	21542.09961	408.08	0	48.843754	-86.930188	56238.14	56219.3	30.70	56268.85	56264.77734	56268.18965	56297.91797	505122.2	5410089.2
L5120.1	505122.2	5410089.5	21542.19922	407.13	0	48.843756	-86.930187	56238.36	56219.3	30.70	56269.06	56264.97656	56262.94272	56292.91016	505122.2	5410089.5
L5120.1	505122.2	5410089.6	21542.30078	404.66	0	48.843758	-86.930187	56238.81	56219.3	30.70	56269.51	56265.41797	56263.50808	56293.71484	505122.2	5410089.6
L5120.1	505122.2	5410089.6	21542.40039	404.27	0	48.843758	-86.930187	56238.87	56219.3	30.70	56269.57	56265.46875	56254.99495	56285.43750	505122.2	5410089.6
L5120.1	505122.2	5410089.8	21542.50000	404.33	0	48.843759	-86.930187	56238.98	56219.3	30.70	56269.68	56265.57031	56247.78802	56278.46875	505122.2	5410089.8
L5120.1	505122.2	5410089.9	21542.59961	404.93	0	48.843760	-86.930187	56239.38	56219.3	30.71	56270.08	56265.96094	56247.54734	56278.46875	505122.2	5410089.9
L5120.1	505122.2	5410089.9	21542.69922	402.27	0	48.843760	-86.930187	56239.91	56219.3	30.71	56270.62	56266.49609	56250.72014	56281.87891	505122.2	5410089.9
L5120.1	505122.2	5410090.1	21542.80078	402.84	0	48.843761	-86.930187	56240.47	56219.3	30.71	56271.18	56267.04688	56254.46215	56285.85547	505122.2	5410090.1
L5120.1	505122.3	5410090.1	21542.90039	402.21	0	48.843762	-86.930187	56240.70	56219.3	30.71	56271.41	56267.26953	56250.49584	56282.12500	505122.3	5410090.1
L5120.1	505122.3	5410090.1	21543.00000	403.27	0	48.843762	-86.930187	56241.02	56219.3	30.71	56271.73	56267.58594	56248.73256	56280.59766	505122.3	5410090.1
L5120.1	505122.3	5410090.2	21543.09961	403.31	0	48.843763	-86.930187	56240.95	56219.3	30.71	56271.66	56267.51172	56237.82367	56269.92188	505122.3	5410090.2
L5120.1	505122.3	5410090.3	21543.19922	403.48	0	48.843764	-86.930187	56241.08	56219.3	30.70	56271.78	56267.62500	56231.45982	56263.78906	505122.3	5410090.3
L5120.1	505122.3	5410090.4	21543.30078	404.78	0	48.843764	-86.930187	56241.06	56219.3	30.70	56271.76	56267.60156	56221.83548	56254.39453	505122.3	5410090.4
L5120.1	505122.3	5410090.4	21543.40039	403.89	0	48.843764	-86.930187	56241.26	56219.3	30.69	56271.95	56267.78516	56217.20807	56249.99609	505122.3	5410090.4
L5120.1	505122.3	5410090.6	21543.50000	404.12	0	48.843766	-86.930187	56241.22	56219.3	30.69	56271.91	56267.74219	56207.17349	56240.18750	505122.3	5410090.6
L5120.1	505122.2	5410090.7	21543.59961	404.43	0	48.843767	-86.930187	56241.26	56219.3	30.69	56271.94	56267.76953	56198.80797	56232.04688	505122.2	5410090.7
L5120.1	505122.2	5410091.0	21543.69922	403.82	0	48.843769	-86.930187	56241.21	56219.3	30.68	56271.89	56267.71875	56188.55778	56222.01953	505122.2	5410091.0
L5120.1	505122.2	5410091.0	21543.69922	403.82	0	48.843769	-86.930187	56241.55	56219.3	30.68	56272.23	56268.05469	56187.51490	56221.19141	505122.2	5410091.0
L5120.1	505122.2	5410091.1	21543.90039	403.56	0	48.843771	-86.930188	56242.31	56219.3	30.67	56272.99	56268.81250	56196.37761	56230.26953	505122.2	5410091.1
L5120.1	505122.2	5410091.3	21544.00000	404.44	0	48.843773	-86.930188	56242.53	56219.3	30.67	56273.20	56269.01953	56192.22209	56226.32813	505122.2	5410091.3
L5120.1	505122.2	5410091.3	21544.09961	407.53	0	48.843773	-86.930188	56242.83	56219.3	30.67	56273.50	56269.32031	56190.15621	56224.47266	505122.2	5410091.3
L5120.1	505122.2	5410091.6	21544.19922	410.13	0	48.843776	-86.930188	56243.53	56219.3	30.67	56274.20	56270.01953	56197.49261	56232.01172	505122.2	5410091.6
L5120.1	505122.1	5410092.0	21544.30078	409.69	0	48.843779	-86.930189	56243.45	56219.3	30.67	56274.13	56269.94922	56186.58330	56221.30469	505122.1	5410092.0
L5120.1	505122.1	5410092.1	21544.40039	411.52	0	48.843780	-86.930189	56243.76	56219.3	30.67	56274.43	56270.25000	56184.34748	56219.26563	505122.1	5410092.1
L5120.1	505122.1	5410092.1	21544.50000	413.06	0	48.843780	-86.930189	56244.31	56219.3	30.67	56274.98	56270.80078	56187.94061	56223.05078	505122.1	5410092.1
L5120.1	505122.1	5410092.4	21544.59961	410.98	0	48.843783	-86.930189	56244.83	56219.3	30.68	56275.50	56271.32422	56190.73878	56226.03906	505122.1	5410092.4
L5120.1	505122.1	5410092.7	21544.69922	410.05	0	48.843785	-86.930189	56245.22	56219.3	30.68	56275.90	56271.72266	56190.60643	56226.09375	505122.1	5410092.7
L5120.1	505122.0	5410093.1	21544.80078	411.55	0	48.843788	-86.930190	56245.61	56219.3	30.68	56276.28	56272.10547	56189.89638	56225.56250	505122.0	5410093.1
L5120.1	505122.0	5410093.1	21544.90039	414.10	0	48.843788	-86.930190	56246.16	56219.3	30.68	56276.84	56272.66797	56193.32387	56229.16016	505122.0	5410093.1
L5120.1	505122.0	5410093.4	21545.00000	413.19	0	48.843791	-86.930190	56246.49	56219.3	30.68	56277.17	56273.00000	56191.19486	56227.20313	505122.0	5410093.4
L5120.1	505122.0	5410093.7	21545.09961	413.85	0	48.843794	-86.930190	56246.50	56219.3	30.68	56277.18	56273.01563	56181.37458	56217.54688	505122.0	5410093.7
L5120.1	505122.0	5410093.7	21545.19922	412.97	0	48.843794	-86.930190	56246.77	56219.3	30.67	56277.44	56273.27734	56177.31915	56213.65234	505122.0	5410093.7
L5120.1	505121.9	5410094.5	21545.30078	414.02	0	48.843801	-86.930191	56247.33	56219.3	30.67	56278.00	56273.84375	56180.20140	56216.68359	505121.9	5410094.5
L5120.1	505121.9	5410094.5	21545.40039	411.69	0	48.843801	-86.930191	56247.44	56219.3	30.66	56278.10	56273.94531	56172.06053	56208.68750	505121.9	5410094.5
L5120.1	505121.9	5410094.8	21545.50000	409.95	0	48.843804	-86.930191	56248.18	56219.3	30.65	56278.83	56274.68359	56178.63693	56215.40625	505121.9	5410094.8
L5120.1	505121.9	5410095.3	21545.59961	409.42	0	48.843808	-86.930192	56248.46	56219.3	30.65	56279.11	56274.96875	56174.41129	56211.31641	505121.9	5410095.3
L5120.1	505121.8	5410095.8	21545.69922	407.62	0	48.843813	-86.930192	56249.02	56219.4	30.64	56279.66	56275.52344	56176.38441	56213.41797	505121.8	5410095.8
L5120.1	505121.8	5410095.8	21545.69922	407.62	0	48.843813	-86.930192	56249.48	56219.4	30.64	56280.12	56275.98828	56176.04551	56213.19922	505121.8	5410095.8
L5120.1	505121.8	5410096.1	21545.90039	410.48	0	48.843816	-86.930193	56250.45	56219.4	30.63	56281.09	56276.96484	56187.56136	56224.82813	505121.8	5410096.1
L5120.1	505121.8	5410096.6	21546.00000	411.42	0	48.843821	-86.930193	56251.14	56219.4	30.63	56281.77	56277.65234	56192.02809	56229.40234	505121.8	5410096.6
L5120.1	505121.8	5410097.1	21546.09961	409.03	0	48.843824	-86.930193	56251.22	56219.4	30.63	56281.85	56277.73828	56182.11703	56219.59375	505121.8	5410097.1
L5120.1	505121.8	5410097.1	21546.19922	409.87	0	48.843824	-86.930193	56251.65	56219.4	30.63	56282.28	56278.17578	56180.26368	56217.83203	505121.8	5410097.1
L5120.1	505121.8	5410097.5	21546.30078	407.87	0	48.843829	-86.930194	56252.39	56219.4	30.63	56283.02	56278.92188	56185.51802	56223.17188	505121.8	5410097.5
L5120.1	505121.7	5410098.1	21546.40039	405.43	0	48.843833	-86.930194	56252.82	56219.4	30.63	56283.45	56279.35938	56183.22954	56220.96094	505121.7	5410098.1
L5120.1	505121.7	5410098.5	21546.50000	403.35	0	48.843837	-86.930194	56253.49	56219.4	30.63	56284.12	56280.03906	56186.38598	56224.18750	505121.7	5410098.5
L5120.1	505121.7	5410098.5	21546.59961	405.07	0	48.843837	-86.930194	56254.13	56219.4	30.64	56284.76	56280.68359	56188.60528	56226.47266	505121.7	5410098.5
L5120.1	505121.7	5410099.3	21546.69922	404.31	0	48.843844	-86.930195	56254.86	56219.4	30.64	56285.50	56281.43359	56192.95462	56230.87891	505121.7	5410099.3
L5120.1	505121.7	5410099.3	21546.80078	404.56	0	48.843844	-86.930195	56255.29	56219.4	30.64	56285.93	56281.87109	56189.74558	56227.71875	505121.7	5410099.3
L5120.1	505121.6	5410099.9	21546.90039	405.15	0	48.843850	-86.930195	56256.07	56219.4	30.64	56286.70	56282.65234	56194.32955	56232.33984	505121.6	5410099.9
L5120.1	505121.6	5410100.5	21547.00000	404.83	0	48.843855	-86.930195	56256.75	56219.4	30.64	56287.39	56283.35156	56196.78263	56234.82422	505121.6	5410100.5
L5120.1	505121.6	5410100.5	21547.09961	406.07	0	48.843855	-86.930195	56257.59	56219.4	30.64	56288.23	56284.19922	56202.53567	56240.60156	505121.6	5410100.5
L5120.1	505121.6	5410101.1	21547.19922	407.90	0	48.843861	-86.930196	56258.00	56219.4	30.64	56288.64	56284.62109	56197.88594	56235.96875	505121.6	5410101.1
L5120.1	505121.6	5410101.6	21547.30078	406.92	0	48.843865	-86.930196	56258.44	56219.4	30.64	56289.08	56285.07031	56193.69810	56231.78906	505121.6	5410101.6
L5120.1	505121.6	5410101.6	21547.40039	406.13	0	48.843865	-86.930196	56259.15	56219.4	30.64	56289.78	56285.77734	56195.40407	56233.49219	505121.6	5410101.6
L5120.1	505121.5	5410102.4	21547.50000	404.45	0	48.843872	-86.930197	56260.10	56219.4	30.63	56290.73	56286.73828	56202.76681	56240.84766	505121.5	5410102.4
L5120.1	505121.5	5410103.0	21547.59961	404.88	0	48.843878	-86.930197	56260.84	56219.4	30.63	56291.48	56287.50000	56205.15591	56243.21875	505121.5	5410103.0
L5120.1	505121.5	5410103.6	21547.69922	404.84	0	48.843883	-86.930197	56261.47	56219.4	30.63	56292.10	56288.12891	56204.22480	56242.26563	505121.5	5410103.6
L5120.1	505121.5	5410103.6	21547.69922	404.84	0	48.843883	-86.930197	56262.42	56219.4	30.63	56293.05	56289.08984	56210.83987	56248.84375	505121.5	5410103.6
L5120.1	505121.4	5410104.2	21547.90039	402.47	0	48.843889	-86.930198	56263.36	56219.4	30.63	56293.99	56290.04297	56216.97016	56254.93359	505121.4	5410104.2
L5120.1	505121.4	5410105.0	21548.00000	404.87	0	48.843896	-86.930198	56263.70	56219.4	30.63	56294.32	56290.38281	56208.44328	56246.35547	505121.4	5410105.0
L5120.1	505121.4	5410105.6	21548.09961	407.73	0	48.843902	-86.930199	56264.49	56219.4	30.63	56295.11	56291.18359	56210.53608	56248.39063	505121.4	5410105.6
L5120.1	505121.4	5410105.6	21548.19922	406.60	0	48.843902	-86.930199	56265.23	56219.4	30.62	56295.85	56291.93359	56211.20279	56248.99219	505121.4	5410105.6
L5120.1	505121.4	5410106.3	21548.30078	408.21	0	48.843908	-86.930199	56266.17	56219.4	30.62	56296.79	56292.88672	56216.35073	56254.06250	505121.4	5410106.3
L5120.1	505121.3	5410107.0	21548.40039	411.96	0	48.843914	-86.930199	56267.44	56219.4	30.61	56298.05	56294.15625	56228.81665	56266.44531	505121.3	5410107.0
L5120.1	505121.3	5410107.7	21548.50000	412.45	0	48.843920	-86.930199	56267.86	56219.4	30.61	56298.47	56294.58594	56221.20127	56258.73828	505121.3	5410107.7
L5120.1	505121.3	5410107.7	21548.59961	414.69	0	48.843920	-86.930199	56268.44	56219.4	30.61	56299.05	56295.17969	56217.12933	56254.56641	505121.3	5410107.7
L5120.1	505121.3	5410108.6	21548.69922	410.64	0	48.843928	-86.930200	56269.54	56219.4	30.60	56300.14	56296.28125	56224.87149	56262.20313	505121.3	5410108.6
L5120.1	505121.3	5410109.2	21548.80078	410.62	0	48.843934	-86.930200	56270.28	56219.4	30.60	56300.88	56297.03125	56224.11586	56261.32813	505121.3	5410109.2
L5120.1	505121.3	5410110.0	21548.90039	409.68	0	48.843941	-86.930200	56271.48	56219.4	30.59	56302.07	56298.23438	56233.76351	56270.85156	505121.3	5410110.0

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5120.1	505121.3	5410110.0	21549.00000	410.53	0	48.843941	-86.930200	56272.29	56219.4	30.59	56302.88	56299.05469	56234.21170	56271.16797	505121.3	5410110.0
L5120.1	505121.3	5410110.9	21549.09961	411.41	0	48.843949	-86.930200	56273.24	56219.4	30.59	56303.83	56300.01563	56237.74774	56274.56641	505121.3	5410110.9
L5120.1	505121.2	5410111.9	21549.19922	410.72	0	48.843958	-86.930200	56273.81	56219.4	30.59	56304.39	56300.58594	56231.85592	56268.52734	505121.2	5410111.9
L5120.1	505121.2	5410111.9	21549.30078	411.71	0	48.843958	-86.930200	56275.02	56219.4	30.59	56305.61	56301.82031	56241.34366	56277.85938	505121.2	5410111.9
L5120.1	505121.2	5410112.7	21549.40039	408.73	0	48.843965	-86.930200	56275.38	56219.4	30.59	56305.96	56302.17969	56230.07350	56266.42578	505121.2	5410112.7
L5120.1	505121.2	5410113.8	21549.50000	409.66	0	48.843975	-86.930201	56276.82	56219.4	30.58	56307.40	56303.63281	56244.34932	56280.53125	505121.2	5410113.8
L5120.1	505121.2	5410113.8	21549.59961	409.63	0	48.843975	-86.930201	56277.75	56219.4	30.58	56308.34	56304.58203	56246.61663	56282.62500	505121.2	5410113.8
L5120.1	505121.2	5410114.5	21549.69922	410.00	0	48.843981	-86.930201	56278.98	56219.4	30.58	56309.56	56305.81250	56255.30551	56291.12891	505121.2	5410114.5
L5120.1	505121.2	5410115.5	21549.69922	410.00	0	48.843991	-86.930201	56280.21	56219.4	30.58	56310.79	56307.05469	56264.04292	56299.67578	505121.2	5410115.5
L5120.1	505121.2	5410116.3	21549.90039	406.43	0	48.843997	-86.930201	56281.07	56219.4	30.58	56311.65	56307.92578	56263.85749	56299.29297	505121.2	5410116.3
L5120.1	505121.2	5410116.3	21550.00000	407.63	0	48.843997	-86.930201	56281.87	56219.4	30.58	56312.45	56308.73438	56262.07723	56297.30469	505121.2	5410116.3
L5120.1	505121.2	5410117.4	21550.09961	407.45	0	48.844007	-86.930201	56282.91	56219.4	30.58	56313.49	56309.78516	56265.79400	56300.81250	505121.2	5410117.4
L5120.1	505121.2	5410118.4	21550.19922	406.93	0	48.844016	-86.930201	56283.52	56219.4	30.58	56314.10	56310.40625	56259.18627	56293.98828	505121.2	5410118.4
L5120.1	505121.2	5410119.2	21550.30078	409.85	0	48.844024	-86.930201	56284.34	56219.4	30.58	56314.92	56311.23828	56257.37755	56291.95703	505121.2	5410119.2
L5120.1	505121.2	5410119.2	21550.40039	408.26	0	48.844024	-86.930201	56285.57	56219.4	30.58	56316.14	56312.46875	56264.86142	56299.21094	505121.2	5410119.2
L5120.1	505121.1	5410120.2	21550.50000	404.72	0	48.844033	-86.930202	56286.64	56219.4	30.57	56317.22	56313.55859	56268.88737	56303.00000	505121.1	5410120.2
L5120.1	505121.1	5410120.2	21550.59961	405.29	0	48.844033	-86.930202	56287.47	56219.4	30.57	56318.05	56314.39453	56266.86243	56300.73438	505121.1	5410120.2
L5120.1	505121.1	5410121.3	21550.69922	405.50	0	48.844043	-86.930202	56288.42	56219.4	30.57	56319.00	56315.35547	56267.53221	56301.16016	505121.1	5410121.3
L5120.1	505121.1	5410121.3	21550.80078	403.74	0	48.844043	-86.930202	56289.60	56219.4	30.57	56320.17	56316.53516	56273.26438	56306.64063	505121.1	5410121.3
L5120.1	505121.1	5410123.4	21550.90039	403.72	0	48.844061	-86.930202	56290.57	56219.4	30.57	56321.14	56317.51172	56274.14309	56307.25781	505121.1	5410123.4
L5120.1	505121.1	5410123.4	21551.00000	400.96	0	48.844061	-86.930202	56291.64	56219.4	30.57	56322.21	56318.58984	56277.26038	56310.11328	505121.1	5410123.4
L5120.1	505121.1	5410124.1	21551.09961	402.56	0	48.844068	-86.930202	56292.76	56219.4	30.57	56323.33	56319.71875	56281.44051	56314.02734	505121.1	5410124.1
L5120.1	505121.1	5410125.4	21551.19922	403.32	0	48.844079	-86.930202	56293.66	56219.4	30.57	56324.23	56320.62500	56280.31083	56312.62891	505121.1	5410125.4
L5120.1	505121.1	5410126.7	21551.30078	404.02	0	48.844091	-86.930202	56294.47	56219.4	30.57	56325.04	56321.44531	56276.94750	56308.98828	505121.1	5410126.7
L5120.1	505121.1	5410126.7	21551.40039	405.56	0	48.844091	-86.930202	56295.29	56219.4	30.57	56325.86	56322.26953	56273.71791	56305.48047	505121.1	5410126.7
L5120.1	505121.1	5410127.8	21551.50000	408.56	0	48.844101	-86.930202	56296.71	56219.4	30.56	56327.28	56323.69531	56284.56424	56316.03906	505121.1	5410127.8
L5120.1	505121.1	5410129.0	21551.59961	408.54	0	48.844112	-86.930202	56297.62	56219.4	30.56	56328.18	56324.60156	56283.03475	56314.22266	505121.1	5410129.0
L5120.1	505121.1	5410129.0	21551.69922	406.96	0	48.844112	-86.930202	56298.53	56219.4	30.56	56329.09	56325.51953	56281.65412	56312.55469	505121.1	5410129.0
L5120.1	505121.1	5410130.2	21551.69922	406.96	0	48.844123	-86.930202	56299.63	56219.4	30.56	56330.19	56326.62500	56284.67917	56315.28516	505121.1	5410130.2
L5120.1	505121.1	5410131.2	21551.90039	409.07	0	48.844132	-86.930202	56300.93	56219.4	30.56	56331.49	56327.92969	56292.35086	56322.65625	505121.1	5410131.2
L5120.1	505121.1	5410131.2	21552.00000	410.35	0	48.844132	-86.930202	56301.88	56219.4	30.56	56332.44	56328.88281	56291.68163	56321.68750	505121.1	5410131.2
L5120.1	505121.1	5410132.3	21552.09961	409.72	0	48.844141	-86.930202	56302.82	56219.4	30.56	56333.38	56329.82422	56290.70750	56320.41016	505121.1	5410132.3
L5120.1	505121.1	5410133.5	21552.19922	408.86	0	48.844152	-86.930201	56303.89	56219.4	30.56	56334.44	56330.88672	56292.50373	56321.90234	505121.1	5410133.5
L5120.1	505121.1	5410133.5	21552.30078	407.47	0	48.844152	-86.930201	56304.84	56219.4	30.55	56335.39	56331.83984	56291.64144	56320.73047	505121.1	5410133.5
L5120.1	505121.1	5410134.7	21552.40039	407.78	0	48.844163	-86.930201	56306.04	56219.4	30.55	56336.59	56333.04297	56296.62871	56325.40625	505121.1	5410134.7
L5120.1	505121.2	5410135.9	21552.50000	408.44	0	48.844174	-86.930201	56307.08	56219.5	30.55	56337.63	56334.08203	56297.78440	56326.25000	505121.2	5410135.9
L5120.1	505121.2	5410135.9	21552.59961	407.77	0	48.844174	-86.930201	56308.33	56219.5	30.55	56338.88	56335.33594	56303.85251	56332.00391	505121.2	5410135.9
L5120.1	505121.2	5410137.2	21552.69922	407.86	0	48.844185	-86.930201	56309.22	56219.5	30.55	56339.77	56336.22266	56301.37207	56329.21094	505121.2	5410137.2
L5120.1	505121.2	5410138.2	21552.80078	409.07	0	48.844195	-86.930201	56310.35	56219.5	30.54	56340.89	56337.34375	56304.28361	56331.80469	505121.2	5410138.2
L5120.1	505121.2	5410138.2	21552.90039	408.67	0	48.844195	-86.930201	56311.37	56219.5	30.54	56341.91	56338.36328	56304.79517	56332.00000	505121.2	5410138.2
L5120.1	505121.2	5410139.5	21553.00000	406.44	0	48.844206	-86.930201	56312.44	56219.5	30.54	56342.98	56339.42969	56306.45323	56333.33594	505121.2	5410139.5
L5120.1	505121.2	5410140.5	21553.09961	408.10	0	48.844215	-86.930201	56313.44	56219.5	30.54	56343.98	56340.42578	56306.42613	56332.99219	505121.2	5410140.5
L5120.1	505121.2	5410141.9	21553.19922	408.84	0	48.844227	-86.930201	56314.40	56219.5	30.54	56344.94	56341.38281	56305.42538	56331.67188	505121.2	5410141.9
L5120.1	505121.2	5410141.9	21553.30078	409.23	0	48.844227	-86.930201	56315.70	56219.5	30.54	56346.25	56342.68750	56312.66625	56338.59375	505121.2	5410141.9
L5120.1	505121.2	5410143.4	21553.40039	408.24	0	48.844241	-86.930200	56316.66	56219.5	30.54	56347.20	56343.63281	56311.37955	56336.98438	505121.2	5410143.4
L5120.1	505121.2	5410144.7	21553.50000	406.11	0	48.844253	-86.930200	56317.90	56219.5	30.55	56348.44	56344.86719	56316.92195	56342.20703	505121.2	5410144.7
L5120.1	505121.2	5410144.7	21553.59961	405.60	0	48.844253	-86.930200	56318.75	56219.5	30.55	56349.29	56345.71094	56313.23258	56338.19922	505121.2	5410144.7
L5120.1	505121.2	5410146.0	21553.69922	405.47	0	48.844265	-86.930200	56319.99	56219.5	30.55	56350.54	56346.95313	56318.97489	56343.62109	505121.2	5410146.0
L5120.1	505121.2	5410147.3	21553.69922	405.47	0	48.844276	-86.930200	56320.86	56219.5	30.55	56351.41	56347.81250	56315.72541	56340.05469	505121.2	5410147.3
L5120.1	505121.2	5410148.4	21553.90039	408.14	0	48.844286	-86.930200	56322.09	56219.5	30.55	56352.64	56349.03125	56320.96616	56344.97266	505121.2	5410148.4
L5120.1	505121.2	5410148.4	21554.00000	409.12	0	48.844286	-86.930200	56323.16	56219.4	30.55	56353.71	56350.09375	56322.41509	56346.10547	505121.2	5410148.4
L5120.1	505121.3	5410149.8	21554.09961	407.49	0	48.844299	-86.930200	56324.05	56219.5	30.55	56354.59	56350.96094	56319.36482	56342.73828	505121.3	5410149.8
L5120.1	505121.3	5410151.1	21554.19922	407.97	0	48.844310	-86.930200	56325.18	56219.5	30.54	56355.72	56352.07813	56322.21021	56345.26953	505121.3	5410151.1
L5120.1	505121.3	5410151.1	21554.30078	406.54	0	48.844310	-86.930200	56326.02	56219.5	30.54	56356.56	56352.90625	56318.19626	56340.94141	505121.3	5410151.1
L5120.1	505121.3	5410152.3	21554.40039	403.94	0	48.844321	-86.930200	56327.42	56219.5	30.53	56357.95	56354.28125	56327.16633	56349.59766	505121.3	5410152.3
L5120.1	505121.3	5410153.9	21554.50000	402.72	0	48.844336	-86.930199	56328.16	56219.5	30.53	56358.69	56355.00391	56320.77449	56342.89453	505121.3	5410153.9
L5120.1	505121.3	5410155.3	21554.59961	402.98	0	48.844348	-86.930199	56329.43	56219.5	30.53	56359.96	56356.25781	56326.89529	56348.70313	505121.3	5410155.3
L5120.1	505121.3	5410155.3	21554.69922	403.37	0	48.844348	-86.930199	56330.59	56219.5	30.52	56361.11	56357.39063	56330.17465	56351.67578	505121.3	5410155.3
L5120.1	505121.3	5410156.7	21554.80078	402.89	0	48.844361	-86.930199	56331.48	56219.5	30.52	56362.00	56358.26172	56327.30559	56348.50000	505121.3	5410156.7
L5120.1	505121.4	5410158.1	21554.90039	404.60	0	48.844374	-86.930198	56332.63	56219.5	30.51	56363.14	56359.37891	56330.33538	56351.22656	505121.4	5410158.1
L5120.1	505121.4	5410158.1	21555.00000	403.94	0	48.844374	-86.930198	56333.52	56219.5	30.51	56364.03	56360.25000	56327.45275	56348.03906	505121.4	5410158.1
L5120.1	505121.4	5410159.6	21555.09961	406.25	0	48.844387	-86.930198	56335.02	56219.5	30.51	56365.53	56361.72656	56338.97239	56359.25781	505121.4	5410159.6
L5120.1	505121.4	5410159.6	21555.19922	405.61	0	48.844387	-86.930198	56335.46	56219.5	30.51	56365.97	56362.14453	56325.44488	56345.43359	505121.4	5410159.6
L5120.1	505121.4	5410160.9	21555.30078	406.11	0	48.844398	-86.930198	56337.02	56219.5	30.51	56367.53	56363.67969	56338.36579	56358.05469	505121.4	5410160.9
L5120.1	505121.4	5410162.3	21555.40039	408.27	0	48.844411	-86.930197	56337.45	56219.5	30.51	56367.96	56364.08203	56324.58455	56343.98047	505121.4	5410162.3
L5120.1	505121.4	5410163.5	21555.50000	408.34	0	48.844422	-86.930197	56339.21	56219.5	30.51	56369.72	56365.81641	56342.21066	56361.31250	505121.4	5410163.5
L5120.1	505121.4	5410164.7	21555.59961	405.97	0	48.844433	-86.930197	56340.03	56219.5	30.51	56370.54	56366.60547	56337.62083	56356.43359	505121.4	5410164.7
L5120.1	505121.4	5410164.7	21555.69922	406.83	0	48.844433	-86.930197	56341.25	56219.5	30.51	56371.76	56367.79688	56342.46748	56360.99219	505121.4	5410164.7
L5120.1	505121.5	5410166.1	21555.69922	406.83	0	48.844446	-86.930197	56342.40	56219.5	30.51	56372.91	56368.91406	56345.64686	56363.88281	505121.5	5410166.1
L5120.1	505121.5	5410167.0	21555.90039	409.04	0	48.844453	-86.930197	56343.39	56219.5	30.51	56373.90	56369.87109	56345.03150	56362.98438	505121.5	5410167.0
L5120.1	505121.5	5410168.2	21556.00000	411.65	0	48.844464	-86.930197	56344.52	56219.5	30.51	56375.03	56370.96875	56347.70642	56365.37500	505121.5	5410168.2
L5120.1	505121.5	5410168.2	21556.09961	412.26	0	48.844464	-86.930197	56345.31	56219.5	30.51	56375.83	56371.73438	56342.56746	56359.95703	505121.5	5410168.2
L5120.1	505121.5	5410169.4	21556.19922	412.03	0	48.844475	-86.930197	56346.79	56219.5	30.51	56377.30	56373.16797	56353.23487	56370.34766	505121.5	5410169.4
L5120.1	505121.5	5410171.1	21556.30078	411.20	0	48.844490	-86.930196	56347.31	56219.5	30.52	56377.82	56373.64844	56341.43882	56358.27344	505121.5	5410171.1
L5120.1	505121.5	5410171.1	21556.40039	411.31	0	48.844490	-86.930196	56348.73	56219.5	30.52	56379.25	56375.03906	56351.11432	56367.67578	505121.5	5410171.1
L5120.1	505121.5	5410172.6	21556.50000	410.52	0	48.844503	-86.930196	56349.29	56219.5	30.52	56379.81	56375.55859	56340.21176	56356.50000	505121.5	5410172.6
L5120.1	505121.5	5410172.6	21556.59961	409.04	0	48.844503	-86.930196	56350.90	56219.5	30.52	56381.42	56377.12891	56354.08323	56370.09766	505121.5	5410172.6
L5120.1	505121.5	5410174.3	21556.69922	406.27	0	48.844519	-86.930196	56351.69	56219.5	30.52	56382.21	56377.87500	56348.55288	56364.30078	505121.5	5410174.3
L5120.1	505121.5	5410175.6	21556.80078	407.64	0	48.844530	-86.930197	56353.02	56219.5	30.53	56383.54	56379.16016	56355.74421	56371.22266	505121.5	5410175.6
L5120.1	505121.5	5410175.6	21556.90039	406.96	0	48.844530	-86.930197	56354.04	56219.5	30.53	56384.57	56380.14453	56355.81192	56371.02344	505121.5	5410175.6
L5120.1	505121.5	5410176.8	21557.00000	407.49	0	48.844541	-86.930197	56354.93	56219.5	30.53	56385.46	56380.98438	56352.53273	56367.47656	505121.5	5410176.8
L5120.1	505121.4	5410177.8	21557.09961	407.90	0	48.844551	-86.930197	56356.16	56219.5	30.53	56386.68	56382.15625	56357.00609	56371.68750	505121.4	5410177.8
L5120.1	505121.4	5410179.1	21557.19922	409.38	0	48.844562	-86.930197	56356.85	56219.5	30.52	56387.37	56382.79688	56348.91394	56363.33203	505121.4	5410179.1
L5120.1	505121.4	5410179.1	21557.30078	410.26	0	48.844562	-86.930197	56358.20	56219.5	30.52	56388.72	56384.09375	56356.36347	56370.51953	505121.4	5410179.1
L5120.1	505121.4	5410180.4	21557.40039	411.49	0	48.844574	-86.930197	56358.84	56219.5	30.52	56389.36	56384.67969	56346.98910	56360.88281	505121.4	5410180.4
L5120.1	505121.4	5410182.2	21557.50000	414.67	0	48.844590	-86.930197	56360.26	56219.5	30.51	56390.78	56386.04688	56355.98444	56369.61719	505121.4	5410182.2
L5120.1	505121.4	5410183.4	21557.59961	415.42	0	48.844601	-86.930198	56360.85	56219.5	30.51	56391.36	56386.57031	56345.07821	56358.45313	505121.4	5410183.4
L5120.1	505121.4	5410185.0	21557.69922	414.25	0	48.844615	-86.930198	56362.43	56219.5	30.51	56392.94	56388.08984	56357.73154	56370.84766	505121.4	5410185.0
L5120.1	505121.4	5410185.0	21557.69922	414.25	0	48.844615	-86.930198	56363.30	56219.5	30.51	56393.81	56388.90234	56353.54695	56366.40234	505121.4	5410185.0
L5120.1	505121.4	5410186.1	21557.90039	414.90	0	48.844625	-86.930198	56364.71	56219.5	30.50	56395.21	56390.24219	56361.81211	56374.40625	505121.4	5410186.1
L5120.1	505121.4	5410187.6	21558.00000	415.60	0	48.844638	-86.930198	56365.57	56219.5	30.50	56396.07	56391.03906	56357.24751	56369.58203	505121.4	5410187.6
L5120.1	505121.4	5410187.6	21558.09961	415.82	0	48.844638	-86.930198	56366.70	56219.5	30.50	56397.20	56392.10547	56358.98312	56371.05859	505121.4	5410187.6
L5120.1	505121.4	5410189.1	21558.19922	416.36	0	48.844652	-86.930198	56368.02	56219.5	30.50	56398.52	56393.35938	56365.12514	56376.94141	505121.4	5410189.1

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5120.1	505121.4	5410190.4	21558.30078	413.39	0	48.844664	-86.930198	56368.76	56219.5	30.50	56399.26	56394.03516	56357.48040	56369.03516	505121.4	5410190.4
L5120.1	505121.4	5410191.9	21558.40039	412.86	0	48.844677	-86.930198	56370.02	56219.5	30.50	56400.51	56395.21484	56361.79280	56373.08594	505121.4	5410191.9
L5120.1	505121.4	5410191.9	21558.50000	410.30	0	48.844677	-86.930198	56370.83	56219.5	30.49	56401.33	56395.96484	56355.85325	56366.88281	505121.4	5410191.9
L5120.1	505121.4	5410193.7	21558.59961	412.48	0	48.844693	-86.930198	56372.21	56219.5	30.49	56402.70	56397.26563	56362.80702	56373.57422	505121.4	5410193.7
L5120.1	505121.4	5410193.7	21558.69922	414.52	0	48.844693	-86.930198	56373.18	56219.5	30.49	56403.67	56398.16406	56360.20864	56370.71094	505121.4	5410193.7
L5120.1	505121.4	5410195.0	21558.80078	416.11	0	48.844706	-86.930198	56374.64	56219.5	30.49	56405.13	56399.55078	56369.07723	56379.31641	505121.4	5410195.0
L5120.1	505121.4	5410196.6	21558.90039	414.65	0	48.844720	-86.930198	56375.55	56219.5	30.49	56406.04	56400.38281	56364.84116	56374.81250	505121.4	5410196.6
L5120.1	505121.4	5410196.6	21559.00000	413.91	0	48.844720	-86.930198	56376.83	56219.5	30.49	56407.32	56401.58984	56369.22806	56378.92969	505121.4	5410196.6
L5120.1	505121.4	5410198.1	21559.09961	411.62	0	48.844733	-86.930197	56378.06	56219.5	30.49	56408.55	56402.74219	56372.31186	56381.74219	505121.4	5410198.1
L5120.1	505121.4	5410199.9	21559.19922	412.73	0	48.844749	-86.930197	56379.20	56219.5	30.49	56409.70	56403.81250	56373.37904	56382.53516	505121.4	5410199.9
L5120.1	505121.4	5410201.5	21559.30078	410.98	0	48.844764	-86.930197	56380.45	56219.5	30.49	56410.94	56404.97266	56376.44042	56385.32422	505121.4	5410201.5
L5120.1	505121.4	5410201.5	21559.40039	411.91	0	48.844764	-86.930197	56381.24	56219.5	30.49	56411.74	56405.69141	56368.97129	56377.57422	505121.4	5410201.5
L5120.1	505121.4	5410202.8	21559.50000	415.03	0	48.844776	-86.930197	56382.85	56219.5	30.49	56413.35	56407.21875	56380.49424	56388.82031	505121.4	5410202.8
L5120.1	505121.4	5410204.1	21559.59961	418.57	0	48.844787	-86.930198	56383.64	56219.5	30.50	56414.14	56407.92578	56372.50009	56380.54297	505121.4	5410204.1
L5120.1	505121.4	5410204.1	21559.69922	418.17	0	48.844787	-86.930198	56384.99	56219.5	30.50	56415.49	56409.19141	56377.58220	56385.33984	505121.4	5410204.1
L5120.1	505121.4	5410205.7	21559.69922	418.17	0	48.844801	-86.930198	56385.99	56219.5	30.50	56416.48	56410.09375	56374.00300	56381.47266	505121.4	5410205.7
L5120.1	505121.3	5410207.2	21559.80078	414.22	0	48.844815	-86.930198	56387.27	56219.5	30.50	56417.76	56411.28516	56377.11157	56384.28906	505121.3	5410207.2
L5120.1	505121.3	5410207.2	21560.00000	416.10	0	48.844815	-86.930198	56388.16	56219.5	30.50	56418.66	56412.09766	56371.07579	56377.95703	505121.3	5410207.2
L5120.1	505121.3	5410208.7	21560.00000	414.25	0	48.844829	-86.930198	56389.44	56219.5	30.50	56419.94	56413.28906	56373.84310	56380.42969	505121.3	5410208.7
L5120.1	505121.3	5410210.3	21560.19922	409.93	0	48.844843	-86.930198	56390.94	56219.5	30.50	56421.44	56414.69922	56381.62857	56387.91406	505121.3	5410210.3
L5120.1	505121.3	5410211.9	21560.19922	409.93	0	48.844857	-86.930198	56391.81	56219.5	30.50	56422.32	56415.48828	56374.58420	56380.56250	505121.3	5410211.9
L5120.1	505121.3	5410211.9	21560.40039	411.71	0	48.844857	-86.930198	56393.44	56219.5	30.50	56423.94	56417.01563	56384.83063	56390.50000	505121.3	5410211.9
L5120.1	505121.3	5410213.3	21560.50000	410.19	0	48.844870	-86.930198	56394.39	56219.5	30.50	56424.89	56417.87109	56379.05519	56384.41016	505121.3	5410213.3
L5120.1	505121.3	5410215.1	21560.59961	410.14	0	48.844886	-86.930198	56395.71	56219.5	30.51	56426.22	56419.10938	56382.05564	56387.09375	505121.3	5410215.1
L5120.1	505121.3	5410215.1	21560.69922	411.95	0	48.844886	-86.930198	56396.68	56219.5	30.51	56427.19	56419.98438	56376.34613	56381.06641	505121.3	5410215.1
L5120.1	505121.3	5410216.6	21560.80078	413.68	0	48.844900	-86.930198	56398.24	56219.5	30.51	56428.75	56421.44922	56384.36218	56388.75391	505121.3	5410216.6
L5120.1	505121.3	5410218.0	21560.90039	412.89	0	48.844913	-86.930198	56399.39	56219.5	30.51	56429.90	56422.50391	56382.47620	56386.53906	505121.3	5410218.0
L5120.1	505121.3	5410218.0	21561.00000	413.07	0	48.844913	-86.930198	56400.67	56219.5	30.51	56431.18	56423.68750	56383.43868	56387.16797	505121.3	5410218.0
L5120.1	505121.3	5410219.4	21561.09961	414.43	0	48.844925	-86.930198	56402.09	56219.5	30.51	56432.61	56425.01953	56387.71661	56391.10547	505121.3	5410219.4
L5120.1	505121.3	5410221.0	21561.19922	413.57	0	48.844939	-86.930198	56403.02	56219.5	30.51	56433.53	56425.83984	56379.71399	56382.76172	505121.3	5410221.0
L5120.1	505121.3	5410222.4	21561.30078	413.82	0	48.844952	-86.930198	56404.85	56219.5	30.52	56435.37	56427.58203	56393.20508	56395.90234	505121.3	5410222.4
L5120.1	505121.3	5410222.4	21561.40039	412.60	0	48.844952	-86.930198	56405.95	56219.5	30.52	56436.46	56428.57422	56388.73562	56391.07813	505121.3	5410222.4
L5120.1	505121.3	5410223.8	21561.50000	411.99	0	48.844964	-86.930198	56407.71	56219.5	30.52	56438.23	56430.24219	56400.07996	56402.06250	505121.3	5410223.8
L5120.1	505121.3	5410225.5	21561.59961	413.09	0	48.844980	-86.930198	56408.81	56219.5	30.52	56439.33	56431.24219	56395.34305	56396.96484	505121.3	5410225.5
L5120.1	505121.3	5410225.5	21561.69922	412.75	0	48.844980	-86.930198	56410.06	56219.5	30.52	56440.58	56432.39453	56393.88988	56395.14063	505121.3	5410225.5
L5120.1	505121.3	5410226.9	21561.69922	412.75	0	48.844992	-86.930198	56411.18	56219.5	30.52	56441.70	56433.41406	56389.10122	56389.98047	505121.3	5410226.9
L5120.1	505121.3	5410226.9	21561.90039	415.54	0	48.844992	-86.930198	56412.81	56219.5	30.53	56443.34	56434.95313	56396.32649	56396.82422	505121.3	5410226.9
L5120.1	505121.3	5410228.3	21562.00000	412.20	0	48.845005	-86.930198	56414.27	56219.5	30.53	56444.80	56436.31250	56399.02535	56399.13672	505121.3	5410228.3
L5120.1	505121.3	5410229.6	21562.09961	411.78	0	48.845017	-86.930198	56415.59	56219.5	30.53	56446.12	56437.53125	56398.13794	56397.85938	505121.3	5410229.6
L5120.1	505121.3	5410231.3	21562.19922	411.14	0	48.845032	-86.930198	56416.97	56219.5	30.53	56447.50	56438.81250	56398.38407	56397.71094	505121.3	5410231.3
L5120.1	505121.3	5410233.0	21562.30078	411.38	0	48.845047	-86.930198	56418.30	56219.5	30.53	56448.83	56440.03906	56397.16082	56396.08594	505121.3	5410233.0
L5120.1	505121.3	5410233.0	21562.40039	410.11	0	48.845047	-86.930198	56419.86	56219.5	30.53	56450.39	56441.50000	56401.07804	56399.59766	505121.3	5410233.0
L5120.1	505121.3	5410234.5	21562.50000	414.34	0	48.845060	-86.930198	56421.13	56219.5	30.53	56451.66	56442.66797	56397.84805	56395.95313	505121.3	5410234.5
L5120.1	505121.3	5410236.0	21562.59961	415.92	0	48.845075	-86.930198	56422.89	56219.5	30.53	56453.42	56444.32813	56405.89208	56403.58203	505121.3	5410236.0
L5120.1	505121.3	5410236.0	21562.69922	416.22	0	48.845075	-86.930198	56424.35	56219.5	30.53	56454.88	56445.69141	56406.54481	56403.80859	505121.3	5410236.0
L5120.1	505121.3	5410237.8	21562.80078	415.31	0	48.845090	-86.930198	56425.70	56219.5	30.53	56456.23	56446.94141	56404.29078	56401.12500	505121.3	5410237.8
L5120.1	505121.3	5410239.0	21562.90039	412.78	0	48.845101	-86.930198	56427.36	56219.5	30.53	56457.89	56448.50000	56409.04784	56405.44922	505121.3	5410239.0
L5120.1	505121.3	5410239.0	21563.00000	412.86	0	48.845101	-86.930198	56429.04	56219.5	30.53	56459.57	56450.08203	56413.96232	56409.92188	505121.3	5410239.0
L5120.1	505121.3	5410240.7	21563.09961	415.78	0	48.845116	-86.930198	56430.29	56219.5	30.53	56460.83	56451.24609	56408.63748	56404.15234	505121.3	5410240.7
L5120.1	505121.3	5410242.1	21563.19922	413.49	0	48.845129	-86.930198	56431.52	56219.5	30.54	56462.06	56452.37891	56402.28314	56397.34766	505121.3	5410242.1
L5120.1	505121.3	5410243.6	21563.30078	416.08	0	48.845142	-86.930198	56433.46	56219.5	30.54	56464.00	56454.22266	56412.37713	56406.98438	505121.3	5410243.6
L5120.1	505121.3	5410245.2	21563.40039	416.68	0	48.845157	-86.930198	56434.45	56219.5	30.54	56465.00	56455.12500	56399.94067	56394.08203	505121.3	5410245.2
L5120.1	505121.3	5410245.2	21563.50000	417.22	0	48.845157	-86.930198	56436.57	56219.5	30.54	56467.11	56457.14063	56413.39708	56407.07031	505121.3	5410245.2
L5120.1	505121.3	5410247.0	21563.59961	417.06	0	48.845173	-86.930198	56438.11	56219.5	30.55	56468.65	56458.58594	56413.05946	56406.26172	505121.3	5410247.0
L5120.1	505121.3	5410247.0	21563.69922	419.25	0	48.845173	-86.930198	56439.28	56219.4	30.55	56469.83	56459.67578	56403.88700	56396.60938	505121.3	5410247.0
L5120.1	505121.3	5410248.5	21563.69922	419.25	0	48.845187	-86.930198	56441.04	56219.4	30.55	56471.59	56461.34375	56408.08334	56400.32031	505121.3	5410248.5
L5120.1	505121.3	5410249.7	21563.90039	419.20	0	48.845197	-86.930198	56443.13	56219.4	30.56	56473.69	56463.35156	56419.97833	56411.72656	505121.3	5410249.7
L5120.1	505121.3	5410251.3	21564.00000	417.61	0	48.845212	-86.930198	56444.64	56219.4	30.56	56475.20	56464.77344	56417.60287	56408.85547	505121.3	5410251.3
L5120.1	505121.3	5410251.3	21564.09961	418.07	0	48.845212	-86.930198	56446.12	56219.4	30.56	56476.68	56466.16406	56414.18517	56404.94141	505121.3	5410251.3
L5120.1	505121.3	5410253.3	21564.19922	415.80	0	48.845230	-86.930198	56448.34	56219.4	30.56	56478.90	56468.29688	56427.91441	56418.16406	505121.3	5410253.3
L5120.1	505121.3	5410254.4	21564.30078	413.75	0	48.845240	-86.930198	56449.87	56219.4	30.57	56480.43	56469.74219	56425.01145	56414.75391	505121.3	5410254.4
L5120.1	505121.3	5410256.0	21564.40039	412.03	0	48.845254	-86.930197	56451.48	56219.4	30.57	56482.04	56471.26953	56423.66620	56412.89453	505121.3	5410256.0
L5120.1	505121.3	5410256.0	21564.50000	411.76	0	48.845254	-86.930197	56453.18	56219.4	30.57	56483.75	56472.89844	56424.35232	56413.06250	505121.3	5410256.0
L5120.1	505121.3	5410257.5	21564.59961	412.56	0	48.845268	-86.930197	56455.02	56219.4	30.57	56485.60	56474.66797	56428.01632	56416.20313	505121.3	5410257.5
L5120.1	505121.4	5410259.0	21564.69922	411.94	0	48.845281	-86.930197	56456.86	56219.4	30.57	56487.43	56476.41797	56430.88064	56418.54297	505121.4	5410259.0
L5120.1	505121.4	5410260.6	21564.80078	410.77	0	48.845296	-86.930196	56458.37	56219.4	30.58	56488.94	56477.85156	56425.86104	56412.99219	505121.4	5410260.6
L5120.1	505121.4	5410260.6	21564.90039	411.79	0	48.845296	-86.930196	56460.18	56219.4	30.58	56490.76	56479.59766	56427.84226	56414.43750	505121.4	5410260.6
L5120.1	505121.5	5410262.4	21565.00000	412.81	0	48.845312	-86.930195	56462.20	56219.4	30.58	56492.78	56481.54297	56434.22904	56420.28516	505121.5	5410262.4
L5120.1	505121.5	5410263.9	21565.09961	415.27	0	48.845325	-86.930195	56464.08	56219.4	30.58	56494.66	56483.35156	56436.99349	56422.50781	505121.5	5410263.9
L5120.1	505121.5	5410263.9	21565.19922	415.80	0	48.845325	-86.930195	56465.72	56219.4	30.58	56496.30	56484.92578	56433.77743	56418.74609	505121.5	5410263.9
L5120.1	505121.6	5410265.5	21565.30078	417.91	0	48.845339	-86.930194	56467.68	56219.4	30.58	56498.26	56486.81641	56437.81370	56422.23438	505121.6	5410265.5
L5120.1	505121.6	5410266.5	21565.40039	419.71	0	48.845348	-86.930194	56469.98	56219.4	30.58	56500.56	56489.05469	56449.57963	56433.44531	505121.6	5410266.5
L5120.1	505121.6	5410267.9	21565.50000	418.68	0	48.845361	-86.930193	56471.99	56219.4	30.58	56502.57	56491.00000	56454.19862	56437.51172	505121.6	5410267.9
L5120.1	505121.6	5410267.9	21565.59961	417.64	0	48.845361	-86.930193	56473.55	56219.4	30.58	56504.13	56492.50000	56447.89689	56430.65234	505121.6	5410267.9
L5120.1	505121.6	5410269.2	21565.69922	417.36	0	48.845373	-86.930193	56475.82	56219.4	30.58	56506.40	56494.71484	56458.08230	56440.27734	505121.6	5410269.2
L5120.1	505121.7	5410271.6	21565.69922	417.36	0	48.845394	-86.930192	56477.74	56219.4	30.58	56508.32	56496.57813	56459.72205	56441.35547	505121.7	5410271.6
L5120.1	505121.7	5410273.1	21565.90039	413.90	0	48.845408	-86.930192	56479.60	56219.4	30.58	56510.18	56498.38672	56459.67366	56440.74609	505121.7	5410273.1
L5120.1	505121.7	5410273.1	21566.00000	412.95	0	48.845408	-86.930192	56481.67	56219.4	30.58	56512.25	56500.40625	56464.32263	56444.82813	505121.7	5410273.1
L5120.1	505121.7	5410274.5	21566.09961	413.67	0	48.845421	-86.930192	56483.86	56219.4	30.58	56514.45	56502.55859	56471.78719	56451.72656	505121.7	5410274.5
L5120.1	505121.7	5410274.5	21566.19922	413.02	0	48.845421	-86.930192	56485.54	56219.4	30.59	56516.13	56504.19531	56466.72140	56446.09375	505121.7	5410274.5
L5120.1	505121.7	5410276.5	21566.30078	412.38	0	48.845438	-86.930192	56487.97	56219.4	30.60	56518.56	56506.58203	56479.13422	56457.93750	505121.7	5410276.5
L5120.1	505121.7	5410278.1	21566.40039	414.56	0	48.845453	-86.930192	56489.78	56219.4	30.60	56520.38	56508.36328	56476.90890	56455.14453	505121.7	5410278.1
L5120.1	505121.7	5410279.6	21566.50000	413.86	0	48.845467	-86.930192	56491.93	56219.4	30.60	56522.53	56510.47656	56482.26002	56459.92578	505121.7	5410279.6
L5120.1	505121.7	5410279.6	21566.59961	414.15	0	48.845467	-86.930192	56494.12	56219.4	30.61	56524.73	56512.64453	56488.58357	56465.67969	505121.7	5410279.6
L5120.1	505121.8	5410281.5	21566.69922	412.83	0	48.845484	-86.930191	56496.19	56219.4	30.61	56526.80	56514.68359	56491.63823	56468.16797	505121.8	5410281.5
L5120.1	505121.8	5410281.5	21566.80078	413.08	0	48.845484	-86.930191	56498.77	56219.4	30.62	56529.39	56517.25000	56506.78944	56482.75000	505121.8	5410281.5
L5120.1	505121.8	5410283.2	21566.90039	416.81	0	48.845498	-86.930191	56500.38	56219.4	30.63	56531.00	56518.83594	56498.61554	56474.00781	505121.8	5410283.2
L5120.1	505121.8	5410284.6	21567.00000	416.27	0	48.845511	-86.930191	56502.62	56219.4	30.63	56533.25	56521.06641	56505.39629	56480.22266	505121.8	5410284.6
L5120.1	505121.8	5410286.0	21567.09961	418.25	0	48.845524	-86.930191	56504.66	56219.4	30.63	56535.29	56523.08594	56507.06521	56481.32813	505121.8	5410286.0
L5120.1	505121.8	5410286.0	21567.19922	417.51	0	48.845524	-86.930191	56506.52	56219.4	30.64	56537.16	56524.94141	56504.57993	56478.28125	505121.8	5410286.0
L5120.1	505121.8	5410287.9	21567.30078	412.70	0	48.845541	-86.930190	56509.25	56219.4	30.64	56539.90	56527.67188	56522.52062	56495.66016	505121.8	5410287.9
L5120.1	505121.8	5410287.9	21567.40039	412.01	0	48.845541	-86.930190	56511.42	56219.4	30.65	56542.07	56529.83594	56526.88494	56499.46484	505121.8	5410287.9
L5120.1	505121.9	5410289.9	21567.50000	412.71	0	48.845559	-86.930190	56513.62	56219.4	30.65	56544.27	56532.03125	56531.86009	56503.88672	505121.9	5410289.9

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5120.1	505121.9	5410291.4	21567.59961	415.77	0	48.845573	-86.930189	56515.99	56219.3	30.65	56546.65	56534.41016	56541.00368	56512.47656	505121.9	5410291.4
L5120.1	505121.9	5410291.4	21567.69922	417.54	0	48.845573	-86.930189	56517.83	56219.3	30.66	56548.49	56536.25391	56537.32242	56508.24609	505121.9	5410291.4
L5120.1	505121.9	5410292.9	21567.69922	417.54	0	48.845586	-86.930189	56519.92	56219.3	30.66	56550.58	56538.34766	56539.49279	56509.87109	505121.9	5410292.9
L5120.1	505121.9	5410294.8	21567.90039	414.59	0	48.845604	-86.930189	56522.42	56219.3	30.67	56553.09	56540.87109	56551.54588	56521.38281	505121.9	5410294.8
L5120.1	505121.9	5410294.8	21568.00000	417.01	0	48.845604	-86.930189	56524.64	56219.3	30.67	56555.31	56543.10156	56556.72565	56526.02734	505121.9	5410294.8
L5120.1	505122.0	5410296.6	21568.09961	415.66	0	48.845619	-86.930188	56526.66	56219.3	30.67	56557.33	56545.14063	56557.17408	56525.94141	505122.0	5410296.6
L5120.1	505122.0	5410296.6	21568.19922	414.38	0	48.845619	-86.930188	56529.04	56219.3	30.67	56559.71	56547.53906	56566.13580	56534.37891	505122.0	5410296.6
L5120.1	505122.0	5410299.7	21568.30078	413.06	0	48.845647	-86.930188	56531.51	56219.3	30.68	56562.18	56550.03516	56577.24942	56544.96875	505122.0	5410299.7
L5120.1	505122.0	5410299.7	21568.40039	413.81	0	48.845647	-86.930188	56533.63	56219.3	30.68	56564.30	56552.18359	56580.13802	56547.33984	505122.0	5410299.7
L5120.1	505122.0	5410301.1	21568.50000	416.09	0	48.845660	-86.930188	56536.03	56219.3	30.68	56566.71	56554.62500	56589.93684	56556.62891	505122.0	5410301.1
L5120.1	505122.0	5410301.1	21568.59961	413.88	0	48.845660	-86.930188	56537.91	56219.3	30.68	56568.59	56556.53906	56587.29307	56553.48438	505122.0	5410301.1
L5120.1	505122.0	5410303.3	21568.69922	412.70	0	48.845680	-86.930187	56540.06	56219.3	30.68	56570.75	56558.73828	56591.35816	56557.05078	505122.0	5410303.3
L5120.1	505122.0	5410305.0	21568.80078	412.35	0	48.845695	-86.930187	56542.64	56219.3	30.69	56573.32	56561.35156	56605.22073	56570.42578	505122.0	5410305.0
L5120.1	505122.0	5410305.0	21568.90039	412.85	0	48.845695	-86.930187	56544.86	56219.3	30.69	56575.54	56563.61719	56610.94592	56575.66797	505122.0	5410305.0
L5120.1	505122.1	5410306.6	21569.00000	414.63	0	48.845710	-86.930187	56546.88	56219.3	30.69	56577.57	56565.69922	56612.33137	56576.57813	505122.1	5410306.6
L5120.1	505122.1	5410308.2	21569.09961	412.80	0	48.845724	-86.930187	56549.65	56219.3	30.69	56580.35	56568.53125	56631.60013	56595.37891	505122.1	5410308.2
L5120.1	505122.1	5410308.2	21569.19922	413.83	0	48.845724	-86.930187	56551.41	56219.3	30.70	56582.11	56570.34766	56626.95945	56590.28125	505122.1	5410308.2
L5120.1	505122.1	5410310.2	21569.30078	413.76	0	48.845742	-86.930187	56553.69	56219.3	30.70	56584.39	56572.69141	56634.80591	56597.67578	505122.1	5410310.2
L5120.1	505122.1	5410311.7	21569.40039	413.57	0	48.845755	-86.930187	56556.06	56219.3	30.71	56586.77	56575.13672	56645.23684	56607.66797	505122.1	5410311.7
L5120.1	505122.1	5410313.4	21569.50000	412.00	0	48.845770	-86.930186	56558.13	56219.3	30.71	56588.84	56577.27734	56648.58584	56610.58203	505122.1	5410313.4
L5120.1	505122.1	5410313.4	21569.59961	413.84	0	48.845770	-86.930186	56560.35	56219.3	30.71	56591.06	56579.57031	56655.73785	56617.31250	505122.1	5410313.4
L5120.1	505122.1	5410314.8	21569.69922	413.33	0	48.845783	-86.930186	56562.77	56219.3	30.72	56593.49	56582.07422	56668.12899	56629.29297	505122.1	5410314.8
L5120.1	505122.1	5410314.8	21569.69922	413.33	0	48.845783	-86.930186	56564.96	56219.3	30.72	56595.68	56584.34766	56675.14812	56635.91016	505122.1	5410314.8
L5120.1	505122.1	5410316.6	21569.90039	412.34	0	48.845800	-86.930186	56567.16	56219.3	30.73	56597.89	56586.64063	56682.95579	56643.32813	505122.1	5410316.6
L5120.1	505122.1	5410318.0	21570.00000	411.08	0	48.845812	-86.930186	56569.46	56219.3	30.73	56600.19	56589.02734	56693.22436	56653.21484	505122.1	5410318.0
L5120.1	505122.1	5410319.4	21570.09961	413.16	0	48.845825	-86.930186	56571.66	56219.3	30.73	56602.39	56591.32031	56701.48437	56661.10547	505122.1	5410319.4
L5120.1	505122.1	5410320.8	21570.19922	413.03	0	48.845837	-86.930186	56573.56	56219.3	30.73	56604.29	56593.31641	56703.03010	56662.29688	505122.1	5410320.8
L5120.1	505122.1	5410320.8	21570.30078	413.22	0	48.845837	-86.930186	56575.76	56219.3	30.73	56606.49	56595.61719	56712.05344	56670.97266	505122.1	5410320.8
L5120.1	505122.1	5410322.5	21570.40039	413.11	0	48.845852	-86.930186	56578.08	56219.3	30.73	56608.80	56598.03125	56724.08471	56682.66797	505122.1	5410322.5
L5120.1	505122.1	5410324.0	21570.50000	409.33	0	48.845866	-86.930186	56579.64	56219.3	30.73	56610.37	56599.70703	56719.06351	56677.32813	505122.1	5410324.0
L5120.1	505122.1	5410325.6	21570.59961	408.95	0	48.845880	-86.930186	56581.96	56219.3	30.72	56612.68	56602.12891	56731.96883	56689.92188	505122.1	5410325.6
L5120.1	505122.1	5410325.6	21570.69922	406.37	0	48.845880	-86.930186	56584.06	56219.3	30.72	56614.78	56604.34375	56740.37778	56698.03516	505122.1	5410325.6
L5120.1	505122.1	5410327.6	21570.80078	407.13	0	48.845898	-86.930186	56585.71	56219.3	30.72	56616.44	56606.12109	56738.87519	56696.25000	505122.1	5410327.6
L5120.1	505122.1	5410328.8	21570.90039	409.86	0	48.845909	-86.930186	56588.04	56219.3	30.72	56618.76	56608.56250	56753.46313	56710.57031	505122.1	5410328.8
L5120.1	505122.1	5410328.8	21571.00000	409.34	0	48.845909	-86.930186	56590.08	56219.3	30.72	56620.80	56610.73047	56761.95432	56718.80469	505122.1	5410328.8
L5120.1	505122.1	5410330.7	21571.09961	409.54	0	48.845926	-86.930186	56591.88	56219.3	30.73	56622.61	56612.66797	56765.54716	56722.15234	505122.1	5410330.7
L5120.1	505122.1	5410330.7	21571.19922	407.01	0	48.845926	-86.930186	56593.61	56219.3	30.73	56624.34	56614.53125	56767.80199	56724.17969	505122.1	5410330.7
L5120.1	505122.1	5410332.5	21571.30078	405.45	0	48.845943	-86.930186	56595.97	56219.3	30.74	56626.71	56617.03906	56785.74350	56741.91016	505122.1	5410332.5
L5120.1	505122.1	5410334.0	21571.40039	405.06	0	48.845956	-86.930186	56597.53	56219.3	30.74	56628.28	56618.74609	56785.37230	56741.33984	505122.1	5410334.0
L5120.1	505122.1	5410335.5	21571.50000	403.66	0	48.845969	-86.930186	56599.57	56219.3	30.75	56630.32	56620.93359	56796.70466	56752.48828	505122.1	5410335.5
L5120.1	505122.1	5410335.5	21571.59961	403.65	0	48.845969	-86.930186	56601.34	56219.2	30.76	56632.10	56622.85938	56802.51225	56758.12500	505122.1	5410335.5
L5120.1	505122.1	5410337.5	21571.69922	403.25	0	48.845987	-86.930186	56602.94	56219.2	30.76	56633.70	56624.60938	56804.70036	56760.16016	505122.1	5410337.5
L5120.1	505122.1	5410339.1	21571.69922	403.25	0	48.846002	-86.930186	56604.80	56219.2	30.76	56635.56	56626.62500	56813.67785	56768.99609	505122.1	5410339.1
L5120.1	505122.1	5410339.1	21571.90039	401.08	0	48.846002	-86.930186	56606.16	56219.2	30.77	56636.93	56628.15234	56811.74290	56766.94141	505122.1	5410339.1
L5120.1	505122.1	5410340.6	21572.00000	404.32	0	48.846015	-86.930186	56608.05	56219.2	30.78	56638.83	56630.21484	56823.00445	56778.09375	505122.1	5410340.6
L5120.1	505122.1	5410342.2	21572.09961	404.91	0	48.846030	-86.930186	56609.62	56219.2	30.78	56640.40	56631.94922	56827.16145	56782.16016	505122.1	5410342.2
L5120.1	505122.0	5410343.5	21572.19922	406.87	0	48.846042	-86.930187	56611.18	56219.2	30.79	56641.97	56633.68359	56832.02274	56786.94531	505122.0	5410343.5
L5120.1	505122.0	5410343.5	21572.30078	409.03	0	48.846042	-86.930187	56612.74	56219.2	30.79	56643.53	56635.41797	56837.36524	56792.23047	505122.0	5410343.5
L5120.1	505122.0	5410345.7	21572.40039	408.21	0	48.846061	-86.930187	56614.40	56219.2	30.79	56645.19	56637.25000	56845.80005	56800.62109	505122.0	5410345.7
L5120.1	505122.0	5410347.3	21572.50000	407.73	0	48.846076	-86.930187	56615.40	56219.2	30.79	56646.19	56638.42969	56839.38656	56794.18359	505122.0	5410347.3
L5120.1	505122.0	5410347.3	21572.59961	406.99	0	48.846076	-86.930187	56617.36	56219.2	30.80	56648.16	56640.57813	56856.64058	56811.42969	505122.0	5410347.3
L5120.1	505122.0	5410348.9	21572.69922	406.25	0	48.846090	-86.930187	56618.45	56219.2	30.80	56649.25	56641.85547	56853.87244	56808.66797	505122.0	5410348.9
L5120.1	505122.0	5410350.4	21572.80078	409.01	0	48.846103	-86.930187	56619.94	56219.2	30.80	56650.74	56643.53125	56861.32921	56816.14844	505122.0	5410350.4
L5120.1	505122.0	5410352.2	21572.90039	408.01	0	48.846119	-86.930187	56621.41	56219.2	30.81	56652.22	56645.20313	56869.33608	56824.19922	505122.0	5410352.2
L5120.1	505122.0	5410352.2	21573.00000	410.40	0	48.846119	-86.930187	56622.36	56219.2	30.81	56653.17	56646.34766	56865.61929	56820.53906	505122.0	5410352.2
L5120.1	505122.0	5410353.1	21573.09961	409.02	0	48.846128	-86.930187	56623.69	56219.2	30.81	56654.50	56647.87109	56871.68417	56826.67969	505122.0	5410353.1
L5120.1	505122.0	5410354.6	21573.19922	407.80	0	48.846141	-86.930187	56624.89	56219.2	30.82	56655.71	56649.28125	56875.72833	56830.82031	505122.0	5410354.6
L5120.1	505122.0	5410354.6	21573.30078	407.58	0	48.846141	-86.930187	56625.52	56219.2	30.82	56656.34	56650.11719	56866.89375	56822.09766	505122.0	5410354.6
L5120.1	505122.0	5410356.0	21573.40039	407.27	0	48.846154	-86.930187	56626.78	56219.2	30.82	56657.60	56651.58203	56873.77075	56829.10156	505122.0	5410356.0
L5120.1	505122.0	5410357.8	21573.50000	407.31	0	48.846169	-86.930187	56628.02	56219.2	30.82	56658.85	56653.03906	56881.24821	56836.72656	505122.0	5410357.8
L5120.1	505122.0	5410358.7	21573.59961	407.90	0	48.846178	-86.930187	56629.02	56219.2	30.83	56659.85	56654.25000	56883.66328	56839.30469	505122.0	5410358.7
L5120.1	505122.0	5410358.7	21573.69922	409.28	0	48.846178	-86.930187	56629.76	56219.2	30.83	56660.59	56655.20703	56880.78562	56836.60938	505122.0	5410358.7
L5120.1	505122.0	5410361.6	21573.69922	409.28	0	48.846204	-86.930187	56630.74	56219.2	30.83	56661.57	56656.40234	56884.43160	56840.45313	505122.0	5410361.6
L5120.1	505122.0	5410361.6	21573.90039	406.07	0	48.846204	-86.930187	56631.81	56219.2	30.84	56662.64	56657.69531	56891.06263	56847.30469	505122.0	5410361.6
L5120.1	505122.0	5410363.4	21574.00000	405.97	0	48.846221	-86.930187	56632.62	56219.2	30.84	56663.46	56658.73828	56892.65135	56849.12500	505122.0	5410363.4
L5120.1	505122.0	5410363.4	21574.09961	408.47	0	48.846221	-86.930187	56633.04	56219.2	30.84	56663.88	56659.38281	56885.65799	56842.38672	505122.0	5410363.4
L5120.1	505122.0	5410365.7	21574.19922	408.91	0	48.846241	-86.930187	56633.84	56219.2	30.84	56664.68	56660.41016	56888.51077	56845.50781	505122.0	5410365.7
L5120.1	505122.0	5410367.3	21574.30078	408.73	0	48.846256	-86.930187	56634.48	56219.2	30.84	56665.32	56661.28125	56888.45614	56845.74219	505122.0	5410367.3
L5120.1	505122.0	5410368.8	21574.40039	410.54	0	48.846269	-86.930187	56635.05	56219.2	30.84	56665.89	56662.08594	56887.62186	56845.21484	505122.0	5410368.8
L5120.1	505122.0	5410368.8	21574.50000	412.69	0	48.846269	-86.930187	56635.71	56219.2	30.84	56666.55	56662.98047	56889.78866	56847.70313	505122.0	5410368.8
L5120.1	505122.0	5410370.6	21574.59961	411.57	0	48.846285	-86.930187	56636.12	56219.2	30.84	56666.96	56663.62891	56886.92563	56845.18359	505122.0	5410370.6
L5120.1	505121.9	5410372.6	21574.69922	408.62	0	48.846303	-86.930188	56636.47	56219.2	30.84	56667.31	56664.21875	56883.52097	56842.13672	505121.9	5410372.6
L5120.1	505121.9	5410372.6	21574.80078	407.55	0	48.846303	-86.930188	56636.96	56219.2	30.84	56667.80	56664.95313	56884.29852	56843.29297	505121.9	5410372.6
L5120.1	505121.9	5410374.5	21574.90039	408.53	0	48.846320	-86.930188	56637.45	56219.2	30.84	56668.29	56665.69141	56885.94999	56845.33984	505121.9	5410374.5
L5120.1	505121.9	5410376.0	21575.00000	407.27	0	48.846334	-86.930189	56637.46	56219.2	30.84	56668.30	56665.94922	56877.13502	56836.93359	505121.9	5410376.0
L5120.1	505121.9	5410376.0	21575.09961	408.65	0	48.846334	-86.930189	56638.19	56219.2	30.85	56669.03	56666.92969	56886.19779	56846.42578	505121.9	5410376.0
L5120.1	505121.8	5410377.4	21575.19922	407.82	0	48.846346	-86.930189	56638.04	56219.1	30.85	56668.89	56667.04297	56875.57619	56836.25000	505121.8	5410377.4
L5120.1	505121.8	5410379.5	21575.30078	404.48	0	48.846365	-86.930190	56638.39	56219.1	30.86	56669.25	56667.66016	56877.62903	56838.76953	505121.8	5410379.5
L5120.1	505121.8	5410379.5	21575.40039	403.62	0	48.846365	-86.930190	56638.54	56219.1	30.86	56669.40	56668.06641	56875.58052	56837.20313	505121.8	5410379.5
L5120.1	505121.7	5410381.2	21575.50000	405.90	0	48.846381	-86.930190	56638.46	56219.1	30.87	56669.33	56668.25781	56869.18977	56831.30859	505121.7	5410381.2
L5120.1	505121.7	5410382.7	21575.59961	407.51	0	48.846394	-86.930191	56638.74	56219.1	30.88	56669.61	56668.80078	56871.91620	56834.55078	505121.7	5410382.7
L5120.1	505121.7	5410382.7	21575.69922	408.59	0	48.846394	-86.930191	56638.65	56219.1	30.88	56669.53	56668.98438	56866.98232	56830.14844	505121.7	5410382.7
L5120.1	505121.7	5410384.6	21575.69922	408.59	0	48.846411	-86.930191	56638.55	56219.1	30.88	56669.43	56669.15234	56862.41334	56826.12891	505121.7	5410384.6
L5120.1	505121.6	5410386.1	21575.90039	412.23	0	48.846425	-86.930192	56638.48	56219.1	30.89	56669.37	56669.35938	56859.61972	56823.90234	505121.6	5410386.1
L5120.1	505121.6	5410386.1	21576.00000	410.78	0	48.846425	-86.930192	56638.21	56219.1	30.90	56669.11	56669.37109	56852.92477	56817.78906	505121.6	5410386.1
L5120.1	505121.6	5410387.8	21576.09961	410.86	0	48.846440	-86.930192	56637.88	56219.1	30.90	56668.78	56669.31250	56845.39144	56810.85547	505121.6	5410387.8
L5120.1	505121.6	5410389.4	21576.19922	412.08	0	48.846454	-86.930193	56638.00	56219.1	30.90	56668.90	56669.71094	56849.29480	56815.37500	505121.6	5410389.4
L5120.1	505121.5	5410390.9	21576.30078	410.32	0	48.846468	-86.930193	56637.81	56219.1	30.91	56668.71	56669.79688	56846.67308	56813.38281	505121.5	5410390.9
L5120.1	505121.5	5410390.9	21576.40039	411.05	0	48.846468	-86.930193	56637.55	56219.1	30.91	56668.46	56669.82422	56843.42236	56810.78125	505121.5	5410390.9
L5120.1	505121.5	5410392.3	21576.50000	415.37	0	48.846481	-86.930193	56637.14	56219.1	30.91	56668.05	56669.69531	56837.17052	56805.19141	505121.5	5410392.3
L5120.1	505121.5	5410394.3	21576.59961	413.91	0	48.846498	-86.930194	56637.09	56219.1	30.91	56668.00	56669.92969	56840.19061	56808.89063	505121.5	5410394.3
L5120.1	505121.4	5410395.8	21576.69922	414.35	0	48.846512	-86.930194	56636.66	56219.1	30.91	56667.57	56669.78516	56834.99141	56804.38281	505121.4	5410395.8
L5120.1	505121.4	5410395.8	21576.80078	415.13	0	48.846512	-86.930194	56636.09	56219.1	30.92	56667.00	56669.50391	56827.23087	56797.33594	505121.4	5410395.8

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5120.1	505121.4	5410397.2	21576.90039	413.74	0	48.846525	-86.930195	56635.71	56219.1	30.92	56666.63	56669.42188	56824.92873	56795.75781	505121.4	5410397.2
L5120.1	505121.4	5410399.0	21577.00000	413.33	0	48.846541	-86.930195	56635.25	56219.1	30.92	56666.17	56669.25000	56821.22234	56792.78906	505121.4	5410399.0
L5120.1	505121.4	5410400.3	21577.09961	412.56	0	48.846552	-86.930195	56635.12	56219.1	30.92	56666.04	56669.41406	56826.02035	56798.34375	505121.4	5410400.3
L5120.1	505121.4	5410400.3	21577.19922	412.69	0	48.846552	-86.930195	56634.38	56219.1	30.93	56665.31	56668.97656	56817.34114	56790.42969	505121.4	5410400.3
L5120.1	505121.3	5410402.2	21577.30078	411.73	0	48.846570	-86.930196	56633.72	56219.1	30.93	56664.65	56668.61328	56810.99806	56784.87109	505121.3	5410402.2
L5120.1	505121.3	5410403.7	21577.40039	413.30	0	48.846583	-86.930196	56633.34	56219.1	30.93	56664.27	56668.53125	56811.93792	56786.60938	505121.3	5410403.7
L5120.1	505121.3	5410403.7	21577.50000	413.70	0	48.846583	-86.930196	56632.68	56219.1	30.93	56663.61	56668.17188	56806.91811	56782.40234	505121.3	5410403.7
L5120.1	505121.3	5410405.2	21577.59961	410.41	0	48.846596	-86.930197	56631.98	56219.1	30.94	56662.92	56667.78125	56801.82960	56778.13672	505121.3	5410405.2
L5120.1	505121.2	5410406.9	21577.69922	409.16	0	48.846611	-86.930197	56631.27	56219.1	30.94	56662.21	56667.37500	56796.89368	56774.03906	505121.2	5410406.9
L5120.1	505121.2	5410406.9	21577.69922	409.16	0	48.846611	-86.930197	56630.42	56219.1	30.94	56661.36	56666.82813	56789.26045	56767.25781	505121.2	5410406.9
L5120.1	505121.2	5410408.2	21577.90039	406.56	0	48.846623	-86.930197	56629.87	56219.1	30.95	56660.81	56666.58203	56789.30807	56768.16797	505121.2	5410408.2
L5120.1	505121.2	5410410.2	21578.00000	408.20	0	48.846641	-86.930198	56628.74	56219.1	30.95	56659.69	56665.76953	56776.46942	56756.20703	505121.2	5410410.2
L5120.1	505121.1	5410411.8	21578.09961	407.64	0	48.846656	-86.930198	56628.25	56219.1	30.95	56659.20	56665.58984	56779.07488	56759.70313	505121.1	5410411.8
L5120.1	505121.1	5410411.8	21578.19922	408.56	0	48.846656	-86.930198	56627.32	56219.1	30.95	56658.27	56664.96875	56771.83234	56753.35938	505121.1	5410411.8
L5120.1	505121.1	5410413.4	21578.30078	409.37	0	48.846670	-86.930199	56626.56	56219.1	30.95	56657.51	56664.51953	56769.13460	56751.57813	505121.1	5410413.4
L5120.1	505121.1	5410414.9	21578.40039	412.81	0	48.846683	-86.930199	56625.93	56219.1	30.95	56656.88	56664.20313	56770.01982	56753.38672	505121.1	5410414.9
L5120.1	505121.1	5410414.9	21578.50000	413.99	0	48.846683	-86.930199	56624.82	56219.1	30.95	56655.77	56663.41016	56760.06133	56744.36719	505121.1	5410414.9
L5120.1	505121.1	5410416.7	21578.59961	413.43	0	48.846699	-86.930199	56624.30	56219.1	30.95	56655.25	56663.20313	56764.51741	56749.76953	505121.1	5410416.7
L5120.1	505121.1	5410416.7	21578.69922	413.12	0	48.846699	-86.930199	56623.28	56219.1	30.95	56654.23	56662.50000	56757.62234	56743.83203	505121.1	5410416.7
L5120.1	505121.0	5410418.2	21578.80078	409.07	0	48.846713	-86.930199	56622.16	56219.1	30.95	56653.11	56661.69922	56748.80720	56735.98438	505121.0	5410418.2
L5120.1	505121.0	5410420.0	21578.90039	410.27	0	48.846729	-86.930199	56621.62	56219.1	30.95	56652.57	56661.47656	56754.11708	56742.27734	505121.0	5410420.0
L5120.1	505121.0	5410420.0	21579.00000	411.50	0	48.846729	-86.930199	56620.50	56219.1	30.95	56651.45	56660.67969	56746.13220	56735.28125	505121.0	5410420.0
L5120.1	505121.0	5410421.5	21579.09961	410.69	0	48.846743	-86.930200	56619.68	56219	30.95	56650.63	56660.17969	56745.62178	56735.76953	505121.0	5410421.5
L5120.1	505121.0	5410423.2	21579.19922	412.06	0	48.846758	-86.930200	56618.79	56219	30.96	56649.75	56659.62109	56744.06350	56735.21875	505121.0	5410423.2
L5120.1	505121.0	5410423.2	21579.30078	412.47	0	48.846758	-86.930200	56617.54	56219	30.96	56648.50	56658.69531	56734.11600	56726.28906	505121.0	5410423.2
L5120.1	505121.0	5410424.9	21579.40039	412.67	0	48.846774	-86.930200	56616.67	56219	30.97	56647.63	56658.15234	56733.47730	56726.67969	505121.0	5410424.9
L5120.1	505121.0	5410424.9	21579.50000	411.79	0	48.846774	-86.930200	56615.42	56219	30.97	56646.39	56657.23828	56724.41215	56718.64844	505121.0	5410424.9
L5120.1	505121.0	5410428.5	21579.59961	411.81	0	48.846806	-86.930200	56614.63	56219	30.97	56645.60	56656.77344	56726.27198	56721.55078	505121.0	5410428.5
L5120.1	505121.0	5410428.5	21579.69922	411.12	0	48.846806	-86.930200	56613.91	56219	30.98	56644.89	56656.39063	56730.29782	56726.62500	505121.0	5410428.5
L5120.1	505121.0	5410430.6	21579.69922	411.12	0	48.846825	-86.930200	56612.52	56219	30.98	56643.49	56655.31641	56718.28186	56715.66797	505121.0	5410430.6
L5120.1	505121.0	5410430.6	21579.90039	410.69	0	48.846825	-86.930200	56611.67	56219	30.99	56642.65	56654.80859	56719.73291	56718.18750	505121.0	5410430.6
L5120.1	505121.0	5410432.4	21580.00000	410.57	0	48.846841	-86.930200	56610.23	56219	30.99	56641.22	56653.70703	56707.46673	56706.99609	505121.0	5410432.4
L5120.1	505121.0	5410434.3	21580.09961	408.22	0	48.846858	-86.930200	56609.38	56219	30.99	56640.37	56653.18750	56709.10238	56709.71094	505121.0	5410434.3
L5120.1	505121.0	5410436.2	21580.19922	410.61	0	48.846875	-86.930200	56608.27	56219	30.99	56639.26	56652.40625	56704.77851	56706.46875	505121.0	5410436.2
L5120.1	505121.0	5410436.2	21580.30078	409.58	0	48.846875	-86.930200	56607.16	56219	30.99	56638.15	56651.62891	56700.61813	56703.40234	505121.0	5410436.2
L5120.1	505120.9	5410438.0	21580.40039	410.45	0	48.846891	-86.930200	56606.31	56219	30.99	56637.31	56651.12109	56702.98053	56706.86328	505120.9	5410438.0
L5120.1	505120.9	5410440.0	21580.50000	411.15	0	48.846910	-86.930201	56605.00	56219	30.99	56636.00	56650.14063	56694.36675	56699.35156	505120.9	5410440.0
L5120.1	505120.9	5410440.0	21580.59961	411.65	0	48.846910	-86.930201	56603.73	56219	31.00	56634.73	56649.20313	56686.80554	56692.89844	505120.9	5410440.0
L5120.1	505120.9	5410441.6	21580.69922	410.84	0	48.846924	-86.930201	56602.91	56219	31.00	56633.91	56648.71484	56689.96355	56697.16797	505120.9	5410441.6
L5120.1	505120.9	5410442.7	21580.80078	410.85	0	48.846934	-86.930201	56601.82	56219	31.00	56632.81	56647.94922	56686.57835	56694.89844	505120.9	5410442.7
L5120.1	505120.9	5410444.0	21580.90039	410.72	0	48.846945	-86.930200	56600.18	56219	31.00	56631.18	56646.65234	56670.72622	56680.16797	505120.9	5410444.0
L5120.1	505120.9	5410445.4	21581.00000	412.93	0	48.846958	-86.930200	56599.32	56219	31.00	56630.32	56646.12500	56673.09790	56683.66406	505120.9	5410445.4
L5120.1	505120.9	5410445.4	21581.09961	410.51	0	48.846958	-86.930200	56598.45	56219	31.00	56629.46	56645.59766	56675.48648	56687.17969	505120.9	5410445.4
L5120.1	505120.9	5410447.4	21581.19922	407.96	0	48.846976	-86.930200	56597.48	56219	31.00	56628.48	56644.94922	56675.03962	56687.85938	505120.9	5410447.4
L5120.1	505120.9	5410448.9	21581.30078	409.64	0	48.846989	-86.930200	56596.00	56219	31.01	56627.01	56643.81250	56662.99963	56676.95313	505120.9	5410448.9
L5120.1	505120.9	5410448.9	21581.40039	410.14	0	48.846989	-86.930200	56595.15	56219	31.01	56626.16	56643.29297	56665.56974	56680.66016	505120.9	5410448.9
L5120.1	505120.9	5410450.3	21581.50000	411.03	0	48.847002	-86.930200	56593.73	56219	31.01	56624.74	56642.20703	56654.62253	56670.84766	505120.9	5410450.3
L5120.1	505120.9	5410451.9	21581.59961	411.31	0	48.847017	-86.930200	56592.70	56219	31.01	56623.71	56641.50781	56652.81836	56670.17969	505120.9	5410451.9
L5120.1	505120.9	5410453.6	21581.69922	411.36	0	48.847032	-86.930201	56591.92	56219	31.01	56622.93	56641.05859	56656.83349	56675.33203	505120.9	5410453.6
L5120.1	505120.9	5410453.6	21581.69922	411.36	0	48.847032	-86.930201	56590.43	56219	31.01	56621.45	56639.90625	56644.21052	56663.84766	505120.9	5410453.6
L5120.1	505120.9	5410456.8	21581.90039	410.33	0	48.847061	-86.930201	56589.42	56219	31.02	56620.44	56639.22656	56642.57121	56663.34766	505120.9	5410456.8
L5120.1	505120.9	5410456.8	21582.00000	410.71	0	48.847061	-86.930201	56587.96	56219	31.02	56618.98	56638.09375	56630.16735	56652.08203	505120.9	5410456.8
L5120.1	505120.9	5410458.4	21582.09961	412.01	0	48.847075	-86.930201	56587.06	56219	31.02	56618.08	56637.52344	56630.84170	56653.89453	505120.9	5410458.4
L5120.1	505120.9	5410458.4	21582.19922	412.71	0	48.847075	-86.930201	56586.15	56219	31.02	56617.17	56636.93750	56631.11440	56655.30469	505120.9	5410458.4
L5120.1	505120.9	5410460.5	21582.30078	410.57	0	48.847093	-86.930201	56584.75	56219	31.02	56615.77	56635.86328	56619.63184	56644.95703	505120.9	5410460.5
L5120.1	505120.9	5410461.5	21582.40039	409.05	0	48.847103	-86.930201	56583.88	56219	31.02	56614.90	56635.31641	56620.47394	56646.93359	505120.9	5410461.5
L5120.1	505120.9	5410462.8	21582.50000	406.18	0	48.847115	-86.930201	56582.43	56219	31.02	56613.45	56634.19141	56607.40583	56635.00000	505120.9	5410462.8
L5120.1	505120.9	5410464.5	21582.59961	406.44	0	48.847130	-86.930201	56581.52	56219	31.03	56612.55	56633.60938	56607.10652	56635.82813	505120.9	5410464.5
L5120.1	505120.9	5410465.9	21582.69922	407.54	0	48.847143	-86.930201	56580.61	56219	31.03	56611.64	56633.01953	56606.33398	56636.17969	505120.9	5410465.9
L5120.1	505120.9	5410465.9	21582.80078	408.05	0	48.847143	-86.930201	56579.28	56219	31.03	56610.31	56632.00781	56595.38985	56626.35938	505120.9	5410465.9
L5120.1	505120.9	5410467.5	21582.90039	407.79	0	48.847157	-86.930201	56578.54	56219	31.03	56609.57	56631.58594	56598.11957	56630.21094	505120.9	5410467.5
L5120.1	505120.9	5410467.5	21583.00000	408.85	0	48.847157	-86.930201	56577.09	56219	31.03	56608.12	56630.44922	56583.80183	56617.00781	505120.9	5410467.5
L5120.1	505120.9	5410469.5	21583.09961	408.66	0	48.847175	-86.930201	56576.40	56219	31.03	56607.43	56630.07031	56587.14899	56621.46094	505120.9	5410469.5
L5120.1	505120.9	5410471.1	21583.19922	409.20	0	48.847189	-86.930201	56575.18	56219	31.03	56606.21	56629.16016	56577.67673	56613.09375	505120.9	5410471.1
L5120.1	505120.9	5410472.8	21583.30078	407.27	0	48.847204	-86.930201	56573.97	56219	31.04	56605.01	56628.26953	56568.36585	56604.88281	505120.9	5410472.8
L5120.1	505120.9	5410472.8	21583.40039	407.50	0	48.847204	-86.930201	56573.34	56219	31.04	56604.38	56627.94531	56572.19753	56609.81250	505120.9	5410472.8
L5120.1	505120.9	5410474.7	21583.50000	406.68	0	48.847221	-86.930201	56572.21	56219	31.04	56603.25	56627.11719	56563.88555	56602.58984	505120.9	5410474.7
L5120.1	505120.9	5410474.7	21583.59961	408.95	0	48.847221	-86.930201	56571.10	56219	31.04	56602.14	56626.30859	56555.70326	56595.48438	505120.9	5410474.7
L5120.1	505120.9	5410477.0	21583.69922	412.35	0	48.847242	-86.930200	56570.45	56219	31.04	56601.49	56625.95703	56558.03467	56598.89063	505120.9	5410477.0
L5120.1	505120.9	5410477.0	21583.69922	412.35	0	48.847242	-86.930200	56569.48	56219	31.04	56600.52	56625.28125	56552.44521	56594.36719	505120.9	5410477.0
L5120.1	505121.0	5410480.0	21583.90039	410.89	0	48.847269	-86.930200	56568.48	56219	31.05	56599.53	56624.58203	56546.01267	56588.99609	505121.0	5410480.0
L5120.1	505121.0	5410480.0	21584.00000	411.09	0	48.847269	-86.930200	56567.72	56218.9	31.05	56598.77	56624.11328	56544.63413	56588.67188	505121.0	5410480.0
L5120.1	505121.0	5410481.7	21584.09961	412.89	0	48.847284	-86.930199	56567.04	56218.9	31.05	56598.09	56623.71875	56544.75828	56589.83594	505121.0	5410481.7
L5120.1	505121.0	5410483.0	21584.19922	413.10	0	48.847296	-86.930199	56566.12	56218.9	31.05	56597.17	56623.07813	56538.81849	56584.92969	505121.0	5410483.0
L5120.1	505121.0	5410483.0	21584.30078	414.98	0	48.847296	-86.930199	56565.56	56218.9	31.06	56596.61	56622.79688	56540.98093	56588.11719	505121.0	5410483.0
L5120.1	505121.0	5410484.7	21584.40039	418.23	0	48.847312	-86.930199	56564.15	56218.9	31.06	56595.21	56621.67188	56522.89239	56571.04297	505121.0	5410484.7
L5120.1	505121.1	5410486.6	21584.50000	420.36	0	48.847329	-86.930198	56563.61	56218.9	31.06	56594.67	56621.40625	56524.70428	56573.85938	505121.1	5410486.6
L5120.1	505121.1	5410486.6	21584.59961	415.71	0	48.847329	-86.930198	56562.85	56218.9	31.06	56593.91	56620.91406	56520.89893	56571.04688	505121.1	5410486.6
L5120.1	505121.1	5410488.4	21584.69922	412.65	0	48.847345	-86.930198	56562.04	56218.9	31.06	56593.10	56620.36719	56515.48682	56566.61719	505121.1	5410488.4
L5120.1	505121.1	5410489.7	21584.80078	410.98	0	48.847356	-86.930197	56561.62	56218.9	31.07	56592.69	56620.21484	56519.09303	56571.19531	505121.1	5410489.7
L5120.1	505121.1	5410489.7	21584.90039	408.69	0	48.847356	-86.930197	56560.96	56218.9	31.07	56592.03	56619.81250	56516.35879	56569.42188	505121.1	5410489.7
L5120.1	505121.1	5410491.5	21585.00000	408.98	0	48.847373	-86.930197	56559.98	56218.9	31.07	56591.05	56619.08203	56505.62661	56559.64063	505121.1	5410491.5
L5120.1	505121.2	5410493.8	21585.09961	412.62	0	48.847393	-86.930196	56559.78	56218.9	31.07	56590.85	56619.12891	56512.87732	56567.82422	505121.2	5410493.8
L5120.1	505121.2	5410493.8	21585.19922	412.17	0	48.847393	-86.930196	56558.77	56218.9	31.07	56589.84	56618.35938	56500.54871	56556.41797	505121.2	5410493.8
L5120.1	505121.2	5410495.3	21585.30078	411.27	0	48.847407	-86.930196	56558.40	56218.9	31.08	56589.48	56618.23828	56503.12646	56559.90625	505121.2	5410495.3
L5120.1	505121.3	5410496.8	21585.40039	411.38	0	48.847420	-86.930195	56557.88	56218.9	31.08	56588.95	56617.94141	56501.23829	56558.91406	505121.3	5410496.8
L5120.1	505121.3	5410496.8	21585.50000	414.03	0	48.847420	-86.930195	56557.21	56218.9	31.08	56588.29	56617.50781	56495.82737	56554.38672	505121.3	5410496.8
L5120.1	505121.3	5410498.3	21585.59961	411.49	0	48.847434	-86.930195	56556.70	56218.9	31.08	56587.78	56617.22266	56493.50663	56552.92969	505121.3	5410498.3
L5120.1	505121.3	5410500.4	21585.69922	413.79	0	48.847453	-86.930195	56556.41	56218.9	31.08	56587.50	56617.16016	56496.16500	56556.44141	505121.3	5410500.4
L5120.1	505121.3	5410502.1	21585.69922	413.79	0	48.847468	-86.930194	56555.84	56218.9	31.08	56586.92	56616.78906	56491.28234	56552.39844	505121.3	5410502.1
L5120.1	505121.3	5410502.1	21585.90039	410.30	0	48.847468	-86.930194	56555.34	56218.9	31.09	56586.43	56616.50781	56488.07132	56550.01172	505121.3	5410502.1
L5120.1	505121.4	5410503.8	21586.00000	411.69	0	48.847483	-86.930194	56555.27	56218.9	31.09	56586.36	56616.63672	56494.32766	56557.07422	505121.4	5410503.8
L5120.1	505121.4	5410505.8	21586.09961	413.45	0	48.847502	-86.930194	56554.53	56218.9	31.10	56585.62	56616.09375	56484.30413	56547.83984	505121.4	5410505.8

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5120.1	505121.4	5410505.8	21586.19922	414.80	0	48.847502	-86.930194	56554.30	56218.9	31.10	56585.40	56616.06250	56486.11230	56550.42188	505121.4	5410505.8
L5120.1	505121.4	5410507.3	21586.30078	414.10	0	48.847515	-86.930194	56553.94	56218.9	31.11	56585.05	56615.89844	56484.39948	56549.46875	505121.4	5410507.3
L5120.1	505121.4	5410508.8	21586.40039	414.91	0	48.847528	-86.930193	56553.71	56218.9	31.11	56584.83	56615.85547	56485.30948	56551.12109	505121.4	5410508.8
L5120.1	505121.4	5410508.8	21586.50000	418.20	0	48.847528	-86.930193	56553.43	56218.9	31.12	56584.55	56615.74609	56484.35655	56550.89063	505121.4	5410508.8
L5120.1	505121.4	5410510.3	21586.59961	417.83	0	48.847542	-86.930193	56553.45	56218.9	31.13	56584.58	56615.94141	56490.28373	56557.52344	505121.4	5410510.3
L5120.1	505121.4	5410511.8	21586.69922	419.42	0	48.847555	-86.930193	56552.97	56218.9	31.13	56584.10	56615.62109	56483.72407	56551.65234	505121.4	5410511.8
L5120.1	505121.4	5410513.5	21586.80078	420.52	0	48.847570	-86.930193	56553.07	56218.9	31.14	56584.21	56615.88281	56490.66549	56559.26563	505121.4	5410513.5
L5120.1	505121.4	5410513.5	21586.90039	420.25	0	48.847570	-86.930193	56552.82	56218.9	31.14	56583.96	56615.78125	56488.67090	56557.92578	505121.4	5410513.5
L5120.1	505121.5	5410515.0	21587.00000	418.86	0	48.847584	-86.930193	56552.84	56218.8	31.15	56583.99	56615.94922	56492.86274	56562.75000	505121.5	5410515.0
L5120.1	505121.4	5410516.8	21587.09961	417.53	0	48.847600	-86.930193	56552.90	56218.8	31.15	56584.05	56616.14453	56497.34009	56567.84375	505121.4	5410516.8
L5120.1	505121.4	5410516.8	21587.19922	414.65	0	48.847600	-86.930193	56552.48	56218.8	31.15	56583.63	56615.85156	56490.06062	56561.15625	505121.4	5410516.8
L5120.1	505121.4	5410518.5	21587.30078	415.28	0	48.847616	-86.930193	56552.58	56218.8	31.15	56583.73	56616.07031	56494.65171	56566.32422	505121.4	5410518.5
L5120.1	505121.4	5410520.3	21587.40039	412.69	0	48.847631	-86.930193	56552.11	56218.8	31.15	56583.26	56615.71484	56485.37080	56557.60156	505121.4	5410520.3
L5120.1	505121.4	5410520.3	21587.50000	410.84	0	48.847631	-86.930193	56552.62	56218.8	31.15	56583.77	56616.33203	56498.83805	56571.60547	505121.4	5410520.3
L5120.1	505121.5	5410522.0	21587.59961	405.88	0	48.847647	-86.930192	56552.71	56218.8	31.15	56583.86	56616.51953	56501.98864	56575.27344	505121.5	5410522.0
L5120.1	505121.5	5410523.3	21587.69922	404.00	0	48.847659	-86.930192	56552.87	56218.8	31.15	56584.02	56616.76953	56506.40383	56580.18359	505121.5	5410523.3
L5120.1	505121.5	5410525.2	21587.69922	404.00	0	48.847676	-86.930192	56553.15	56218.8	31.15	56584.30	56617.13672	56513.27141	56587.53125	505121.5	5410525.2
L5120.1	505121.5	5410525.2	21587.90039	402.27	0	48.847676	-86.930192	56552.92	56218.8	31.15	56584.07	56616.98438	56507.71637	56582.43359	505121.5	5410525.2
L5120.1	505121.5	5410526.9	21588.00000	402.41	0	48.847691	-86.930192	56553.38	56218.8	31.15	56584.53	56617.51563	56518.09245	56593.24219	505121.5	5410526.9
L5120.1	505121.5	5410529.0	21588.09961	403.22	0	48.847710	-86.930192	56553.18	56218.8	31.15	56584.33	56617.37891	56512.51717	56588.08203	505121.5	5410529.0
L5120.1	505121.5	5410529.0	21588.19922	404.68	0	48.847710	-86.930192	56553.15	56218.8	31.16	56584.31	56617.41406	56510.84074	56586.80078	505121.5	5410529.0
L5120.1	505121.5	5410530.8	21588.30078	405.62	0	48.847727	-86.930191	56553.84	56218.8	31.16	56585.01	56618.16406	56525.82692	56602.16016	505121.5	5410530.8
L5120.1	505121.6	5410532.9	21588.40039	406.08	0	48.847745	-86.930191	56554.04	56218.8	31.17	56585.21	56618.40625	56528.66474	56605.34766	505121.6	5410532.9
L5120.1	505121.6	5410532.9	21588.50000	407.11	0	48.847745	-86.930191	56554.25	56218.8	31.17	56585.42	56618.64844	56531.40967	56608.42578	505121.6	5410532.9
L5120.1	505121.6	5410534.7	21588.59961	408.85	0	48.847761	-86.930191	56554.50	56218.8	31.17	56585.68	56618.93359	56535.01495	56612.33594	505121.6	5410534.7
L5120.1	505121.6	5410537.0	21588.69922	408.40	0	48.847782	-86.930190	56554.86	56218.8	31.18	56586.04	56619.31641	56540.67019	56618.28125	505121.6	5410537.0
L5120.1	505121.6	5410537.0	21588.80078	409.96	0	48.847782	-86.930190	56554.84	56218.8	31.18	56586.02	56619.30469	56537.04543	56614.92188	505121.6	5410537.0
L5120.1	505121.6	5410538.3	21588.90039	410.55	0	48.847794	-86.930190	56555.24	56218.8	31.19	56586.42	56619.71094	56543.04714	56621.16797	505121.6	5410538.3
L5120.1	505121.6	5410539.8	21589.00000	413.11	0	48.847808	-86.930190	56555.78	56218.8	31.19	56586.97	56620.25781	56552.30624	56630.65234	505121.6	5410539.8
L5120.1	505121.6	5410541.4	21589.09961	411.55	0	48.847822	-86.930190	56556.14	56218.8	31.19	56587.33	56620.60547	56556.80022	56635.34375	505121.6	5410541.4
L5120.1	505121.6	5410541.4	21589.19922	411.94	0	48.847822	-86.930190	56556.55	56218.8	31.19	56587.74	56621.00000	56562.20746	56640.92969	505121.6	5410541.4
L5120.1	505121.6	5410543.5	21589.30078	410.72	0	48.847840	-86.930190	56557.08	56218.8	31.19	56588.27	56621.50391	56570.19069	56649.07422	505121.6	5410543.5
L5120.1	505121.6	5410543.5	21589.40039	409.68	0	48.847840	-86.930190	56557.11	56218.8	31.19	56588.30	56621.50000	56566.11341	56645.13281	505121.6	5410543.5
L5120.1	505121.6	5410545.0	21589.50000	411.67	0	48.847854	-86.930190	56557.16	56218.8	31.19	56588.36	56621.51953	56562.50465	56641.64063	505121.6	5410545.0
L5120.1	505121.6	5410546.6	21589.59961	410.63	0	48.847868	-86.930190	56557.92	56218.8	31.20	56589.12	56622.23047	56575.20055	56654.42578	505121.6	5410546.6
L5120.1	505121.6	5410548.1	21589.69922	409.20	0	48.847882	-86.930190	56558.25	56218.8	31.20	56589.45	56622.50781	56577.51747	56656.81641	505121.6	5410548.1
L5120.1	505121.6	5410548.1	21589.69922	409.20	0	48.847882	-86.930190	56558.84	56218.8	31.20	56590.04	56623.03516	56585.76406	56665.11328	505121.6	5410548.1
L5120.1	505121.6	5410550.2	21589.80078	406.72	0	48.847900	-86.930190	56558.96	56218.8	31.20	56590.16	56623.08203	56582.70555	56662.08594	505121.6	5410550.2
L5120.1	505121.6	5410551.9	21589.90039	407.54	0	48.847916	-86.930190	56559.31	56218.8	31.20	56590.50	56623.34766	56584.65057	56664.03516	505121.6	5410551.9
L5120.1	505121.6	5410551.9	21590.00000	406.37	0	48.847916	-86.930190	56560.04	56218.8	31.20	56591.24	56624.00391	56595.86048	56675.23438	505121.6	5410551.9
L5120.1	505121.6	5410553.4	21590.09961	408.12	0	48.847930	-86.930190	56560.30	56218.8	31.20	56591.50	56624.17188	56595.55713	56674.89453	505121.6	5410553.4
L5120.1	505121.6	5410553.4	21590.19922	408.04	0	48.847930	-86.930190	56560.76	56218.8	31.20	56591.96	56624.53125	56599.81288	56679.09375	505121.6	5410553.4
L5120.1	505121.6	5410555.1	21590.30078	407.91	0	48.847945	-86.930190	56561.18	56218.8	31.21	56592.39	56624.85547	56603.20389	56682.41016	505121.6	5410555.1
L5120.1	505121.6	5410556.7	21590.50000	408.95	0	48.847959	-86.930190	56561.04	56218.8	31.21	56592.25	56624.60547	56592.98339	56672.09375	505121.6	5410556.7
L5120.1	505121.6	5410558.2	21590.59961	407.12	0	48.847972	-86.930190	56561.82	56218.8	31.21	56593.04	56625.27344	56604.59369	56683.58594	505121.6	5410558.2
L5120.1	505121.6	5410558.2	21590.69922	408.54	0	48.847972	-86.930190	56561.81	56218.8	31.21	56593.02	56625.12891	56596.94135	56675.79688	505121.6	5410558.2
L5120.1	505121.5	5410560.0	21590.80078	409.08	0	48.847989	-86.930191	56562.21	56218.8	31.22	56593.42	56625.39453	56599.09052	56677.78516	505121.5	5410560.0
L5120.1	505121.5	5410561.8	21590.90039	410.13	0	48.848005	-86.930191	56563.03	56218.8	31.22	56594.25	56626.08594	56611.28630	56689.80469	505121.5	5410561.8
L5120.1	505121.5	5410561.8	21591.00000	409.78	0	48.848005	-86.930191	56563.36	56218.8	31.22	56594.58	56626.26953	56611.56887	56689.89063	505121.5	5410561.8
L5120.1	505121.5	5410563.6	21591.09961	411.10	0	48.848022	-86.930191	56564.15	56218.8	31.22	56595.37	56626.90625	56622.62409	56700.73047	505121.5	5410563.6
L5120.1	505121.5	5410565.1	21591.19922	410.83	0	48.848035	-86.930191	56564.56	56218.8	31.22	56595.78	56627.15625	56624.61792	56702.48438	505121.5	5410565.1
L5120.1	505121.5	5410565.1	21591.30078	411.40	0	48.848035	-86.930191	56564.73	56218.8	31.23	56595.96	56627.17188	56621.10206	56698.71484	505121.5	5410565.1
L5120.1	505121.5	5410566.6	21591.40039	411.08	0	48.848049	-86.930191	56565.25	56218.8	31.23	56596.48	56627.51953	56625.54938	56702.89063	505121.5	5410566.6
L5120.1	505121.5	5410568.4	21591.50000	410.86	0	48.848064	-86.930192	56565.30	56218.8	31.23	56596.53	56627.39063	56618.83407	56695.88281	505121.5	5410568.4
L5120.1	505121.4	5410570.1	21591.59961	412.64	0	48.848080	-86.930192	56566.17	56218.8	31.23	56597.40	56628.07813	56631.43663	56708.17578	505121.4	5410570.1
L5120.1	505121.4	5410570.1	21591.69922	417.09	0	48.848080	-86.930192	56566.06	56218.8	31.23	56597.30	56627.78906	56621.08127	56697.48828	505121.4	5410570.1
L5120.1	505121.4	5410572.1	21591.69922	417.09	0	48.848098	-86.930192	56566.66	56218.8	31.23	56597.89	56628.18359	56626.98836	56703.05078	505121.4	5410572.1
L5120.1	505121.4	5410573.9	21591.90039	423.51	0	48.848114	-86.930192	56566.80	56218.8	31.24	56598.03	56628.12500	56622.23616	56697.93750	505121.4	5410573.9
L5120.1	505121.4	5410573.9	21592.00000	418.12	0	48.848114	-86.930192	56567.32	56218.8	31.24	56598.56	56628.44531	56626.67455	56701.99609	505121.4	5410573.9
L5120.1	505121.4	5410575.6	21592.09961	415.63	0	48.848129	-86.930193	56567.59	56218.8	31.24	56598.83	56628.50391	56624.95630	56699.87891	505121.4	5410575.6
L5120.1	505121.4	5410577.2	21592.19922	414.62	0	48.848144	-86.930193	56567.44	56218.8	31.24	56598.68	56628.14063	56613.30880	56687.82031	505121.4	5410577.2
L5120.1	505121.4	5410578.8	21592.30078	413.95	0	48.848158	-86.930193	56567.88	56218.8	31.24	56599.12	56628.35547	56615.59717	56689.67969	505121.4	5410578.8
L5120.1	505121.4	5410578.8	21592.40039	412.96	0	48.848158	-86.930193	56568.13	56218.8	31.24	56599.37	56628.38281	56613.40273	56687.04297	505121.4	5410578.8
L5120.1	505121.3	5410580.8	21592.50000	410.13	0	48.848176	-86.930193	56568.87	56218.8	31.25	56600.12	56628.89844	56623.03112	56696.21094	505121.3	5410580.8
L5120.1	505121.3	5410582.0	21592.59961	407.19	0	48.848187	-86.930193	56569.16	56218.8	31.25	56600.40	56628.94531	56621.57508	56694.28125	505121.3	5410582.0
L5120.1	505121.3	5410582.0	21592.69922	405.12	0	48.848187	-86.930193	56569.71	56218.8	31.25	56600.96	56629.26172	56626.75721	56698.97656	505121.3	5410582.0
L5120.1	505121.3	5410584.4	21592.80078	409.44	0	48.848208	-86.930193	56569.56	56218.8	31.25	56600.80	56628.85938	56614.96117	56686.67969	505121.3	5410584.4
L5120.1	505121.3	5410585.6	21592.90039	409.94	0	48.848219	-86.930193	56570.00	56218.8	31.25	56601.25	56629.06250	56617.60998	56688.81250	505121.3	5410585.6
L5120.1	505121.3	5410585.6	21593.00000	406.94	0	48.848219	-86.930193	56569.74	56218.8	31.25	56600.99	56628.54688	56603.52785	56674.20313	505121.3	5410585.6
L5120.1	505121.3	5410587.6	21593.09961	405.73	0	48.848238	-86.930194	56570.27	56218.7	31.25	56601.52	56628.82031	56608.15314	56678.28516	505121.3	5410587.6
L5120.1	505121.3	5410589.5	21593.19922	405.99	0	48.848254	-86.930194	56570.96	56218.7	31.26	56602.22	56629.26172	56616.84514	56686.42188	505121.3	5410589.5
L5120.1	505121.3	5410590.8	21593.30078	405.71	0	48.848266	-86.930194	56571.29	56218.7	31.26	56602.56	56629.33984	56617.08891	56686.10156	505121.3	5410590.8
L5120.1	505121.3	5410590.8	21593.40039	408.48	0	48.848266	-86.930194	56571.63	56218.7	31.27	56602.90	56629.41016	56617.39301	56685.83203	505121.3	5410590.8
L5120.1	505121.3	5410592.7	21593.50000	405.43	0	48.848283	-86.930194	56571.66	56218.7	31.27	56602.93	56629.17188	56610.43896	56678.28906	505121.3	5410592.7
L5120.1	505121.3	5410594.0	21593.59961	405.93	0	48.848294	-86.930194	56571.81	56218.7	31.27	56603.08	56629.04688	56606.38847	56673.64063	505121.3	5410594.0
L5120.1	505121.3	5410594.0	21593.69922	406.90	0	48.848294	-86.930194	56572.39	56218.7	31.28	56603.67	56629.36328	56612.80459	56679.44922	505121.3	5410594.0
L5120.1	505121.3	5410595.8	21593.69922	406.90	0	48.848311	-86.930194	56572.55	56218.7	31.28	56603.82	56629.23438	56608.90365	56674.92969	505121.3	5410595.8
L5120.1	505121.3	5410597.6	21593.90039	405.04	0	48.848327	-86.930194	56572.68	56218.7	31.29	56603.96	56629.09375	56604.84674	56670.24609	505121.3	5410597.6
L5120.1	505121.3	5410599.0	21594.00000	405.24	0	48.848340	-86.930194	56573.48	56218.7	31.29	56604.77	56629.62109	56616.70031	56681.46484	505121.3	5410599.0
L5120.1	505121.3	5410599.0	21594.09961	407.06	0	48.848340	-86.930194	56573.46	56218.7	31.29	56604.75	56629.31641	56609.03437	56673.15625	505121.3	5410599.0
L5120.1	505121.3	5410600.5	21594.19922	407.38	0	48.848353	-86.930193	56574.02	56218.7	31.29	56605.32	56629.59766	56615.39535	56678.86328	505121.3	5410600.5
L5120.1	505121.3	5410602.5	21594.30078	411.42	0	48.848372	-86.930193	56574.41	56218.7	31.29	56605.71	56629.69922	56617.59704	56680.41016	505121.3	5410602.5
L5120.1	505121.3	5410602.5	21594.40039	411.82	0	48.848372	-86.930193	56574.43	56218.7	31.29	56605.73	56629.42969	56611.15387	56673.30078	505121.3	5410602.5
L5120.1	505121.4	5410604.3	21594.50000	407.30	0	48.848388	-86.930193	56574.91	56218.7	31.30	56606.21	56629.61719	56615.67465	56677.14844	505121.4	5410604.3
L5120.1	505121.4	5410605.7	21594.59961	409.55	0	48.848400	-86.930192	56575.48	56218.7	31.30	56606.78	56629.89453	56622.42148	56683.21875	505121.4	5410605.7
L5120.1	505121.4	5410607.2	21594.69922	411.53	0	48.848413	-86.930192	56575.54	56218.7	31.30	56606.83	56629.65234	56616.98696	56677.10156	505121.4	5410607.2
L5120.1	505121.4	5410608.7	21594.80078	411.00	0	48.848427	-86.930192	56575.94	56218.7	31.30	56607.24	56629.76563	56620.16049	56679.58984	505121.4	5410608.7
L5120.1	505121.4	5410608.7	21594.90039	411.38	0	48.848427	-86.930192	56576.27	56218.7	31.30	56607.57	56629.80078	56621.55009	56680.28516	505121.4	5410608.7
L5120.1	505121.4	5410610.0	21595.00000	410.03	0	48.848439	-86.930191	56576.63	56218.7	31.30	56607.93	56629.86328	56623.75579	56681.79688	505121.4	5410610.0
L5120.1	505121.5	5410611.3	21595.09961	409.86	0	48.848450	-86.930191	56576.88	56218.7	31.30	56608.18	56629.82031	56623.47193	56680.81250	505121.5	5410611.3
L5120.1	505121.5	5410613.2	21595.19922	412.09	0	48.848468	-86.930191	56577.19	56218.7	31.30	56608.49	56629.83203	56624.71554	56681.35547	505121.5	5410613.2
L5120.1	505121.5	5410613.2	21595.30078	412.18	0	48.848468	-86.930191	56577.29	56218.7	31.30	56608.59	56629.63672	56621.10977	56677.04297	505121.5	5410613.2
L5120.1	505121.5	5410614.7	21595.40039	412.60	0	48.848481	-86.930190	56577.78	56218.7	31.30	56609.07	56629.82031	56626.59266	56681.82031	505121.5	5410614.7

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5120.1	505121.5	5410616.5	21595.50000	414.86	0	48.848497	-86.930190	56577.65	56218.7	31.29	56608.95	56629.40234	56618.01534	56672.53516	505121.5	5410616.5
L5120.1	505121.6	5410618.0	21595.59961	415.39	0	48.848511	-86.930190	56577.98	56218.7	31.29	56609.27	56629.42578	56619.94553	56673.75391	505121.6	5410618.0
L5120.1	505121.6	5410619.4	21595.69922	416.86	0	48.848523	-86.930189	56578.08	56218.7	31.29	56609.37	56629.23438	56616.79317	56669.89453	505121.6	5410619.4
L5120.1	505121.6	5410619.4	21595.69922	416.86	0	48.848523	-86.930189	56578.70	56218.7	31.29	56609.99	56629.55859	56626.03905	56678.42969	505121.6	5410619.4
L5120.1	505121.6	5410621.0	21595.90039	415.86	0	48.848537	-86.930189	56579.11	56218.7	31.29	56610.40	56629.67578	56630.43932	56682.12109	505121.6	5410621.0
L5120.1	505121.6	5410621.0	21596.00000	415.63	0	48.848537	-86.930189	56579.24	56218.7	31.29	56610.53	56629.51172	56628.34061	56679.31250	505121.6	5410621.0
L5120.1	505121.7	5410622.8	21596.09961	415.36	0	48.848554	-86.930189	56579.34	56218.7	31.29	56610.63	56629.32422	56625.64849	56675.91016	505121.7	5410622.8
L5120.1	505121.7	5410624.4	21596.19922	416.96	0	48.848568	-86.930188	56579.25	56218.7	31.29	56610.55	56628.95313	56618.81960	56668.37500	505121.7	5410624.4
L5120.1	505121.7	5410626.3	21596.30078	417.05	0	48.848585	-86.930188	56579.90	56218.7	31.29	56611.19	56629.30469	56629.11367	56677.96484	505121.7	5410626.3
L5120.1	505121.7	5410626.3	21596.40039	417.97	0	48.848585	-86.930188	56579.95	56218.7	31.29	56611.24	56629.07031	56625.58544	56673.73438	505121.7	5410626.3
L5120.1	505121.7	5410627.7	21596.50000	415.19	0	48.848598	-86.930188	56580.07	56218.7	31.30	56611.37	56628.91406	56624.06135	56671.51172	505121.7	5410627.7
L5120.1	505121.7	5410629.1	21596.59961	413.73	0	48.848610	-86.930188	56580.41	56218.7	31.30	56611.70	56628.96484	56627.37560	56674.13281	505121.7	5410629.1
L5120.1	505121.7	5410629.1	21596.69922	414.59	0	48.848610	-86.930188	56580.38	56218.7	31.30	56611.68	56628.66406	56622.53544	56668.59766	505121.7	5410629.1
L5120.1	505121.7	5410631.5	21596.80078	412.79	0	48.848632	-86.930187	56580.78	56218.7	31.30	56612.08	56628.78516	56627.72924	56673.10547	505121.7	5410631.5
L5120.1	505121.7	5410631.5	21596.90039	407.30	0	48.848632	-86.930187	56580.69	56218.7	31.30	56611.99	56628.42188	56621.46013	56666.15234	505121.7	5410631.5
L5120.1	505121.7	5410632.5	21597.00000	406.22	0	48.848641	-86.930187	56580.84	56218.7	31.30	56612.14	56628.30078	56620.97144	56664.98438	505121.7	5410632.5
L5120.1	505121.8	5410633.9	21597.09961	404.28	0	48.848654	-86.930187	56581.25	56218.7	31.30	56612.55	56628.43750	56626.73470	56670.07422	505121.8	5410633.9
L5120.1	505121.8	5410633.9	21597.19922	403.37	0	48.848654	-86.930187	56581.52	56218.7	31.30	56612.83	56628.45313	56629.53631	56672.20703	505121.8	5410633.9
L5120.1	505121.8	5410635.5	21597.30078	401.97	0	48.848668	-86.930187	56581.61	56218.7	31.30	56612.91	56628.26953	56627.72167	56669.73047	505121.8	5410635.5
L5120.1	505121.8	5410637.2	21597.40039	402.32	0	48.848683	-86.930187	56581.58	56218.7	31.30	56612.88	56627.97656	56623.41565	56664.76953	505121.8	5410637.2
L5120.1	505121.8	5410637.2	21597.50000	402.47	0	48.848683	-86.930187	56582.14	56218.7	31.31	56613.45	56628.28906	56633.38878	56674.09375	505121.8	5410637.2
L5120.1	505121.8	5410638.7	21597.59961	404.17	0	48.848697	-86.930186	56582.07	56218.7	31.31	56613.37	56627.95313	56628.11216	56668.17578	505121.8	5410638.7
L5120.1	505121.8	5410640.0	21597.69922	407.25	0	48.848709	-86.930186	56582.27	56218.7	31.31	56613.57	56627.90234	56629.55306	56668.98047	505121.8	5410640.0
L5120.1	505121.8	5410641.4	21597.69922	407.25	0	48.848721	-86.930186	56582.27	56218.7	31.31	56613.57	56627.65625	56626.37151	56665.17188	505121.8	5410641.4
L5120.1	505121.8	5410641.4	21597.90039	405.68	0	48.848721	-86.930186	56582.71	56218.7	31.31	56614.02	56627.86328	56633.92048	56672.10156	505121.8	5410641.4
L5120.1	505121.8	5410643.2	21598.00000	405.50	0	48.848737	-86.930186	56582.81	56218.7	31.31	56614.11	56627.71094	56633.06458	56670.63281	505121.8	5410643.2
L5120.1	505121.8	5410644.7	21598.09961	405.46	0	48.848751	-86.930186	56582.88	56218.7	31.31	56614.19	56627.55469	56632.07006	56669.03516	505121.8	5410644.7
L5120.1	505121.8	5410646.1	21598.19922	404.30	0	48.848764	-86.930186	56583.29	56218.7	31.31	56614.60	56627.73438	56638.96688	56675.33594	505121.8	5410646.1
L5120.1	505121.8	5410646.1	21598.30078	406.37	0	48.848764	-86.930186	56583.19	56218.7	31.31	56614.50	56627.40234	56633.91086	56669.69531	505121.8	5410646.1
L5120.1	505121.8	5410647.9	21598.40039	408.82	0	48.848780	-86.930185	56583.24	56218.7	31.31	56614.55	56627.23047	56632.49097	56667.69922	505121.8	5410647.9
L5120.1	505121.8	5410647.9	21598.50000	408.62	0	48.848780	-86.930185	56583.54	56218.7	31.32	56614.85	56627.30859	56637.06774	56671.70703	505121.8	5410647.9
L5120.1	505121.9	5410649.1	21598.59961	408.83	0	48.848791	-86.930185	56583.93	56218.7	31.32	56615.25	56627.49219	56644.09613	56678.17969	505121.9	5410649.1
L5120.1	505121.9	5410650.4	21598.69922	408.04	0	48.848802	-86.930185	56583.65	56218.7	31.32	56614.96	56626.98828	56634.91295	56668.44922	505121.9	5410650.4
L5120.1	505121.9	5410651.6	21598.80078	410.80	0	48.848813	-86.930185	56583.83	56218.7	31.32	56615.15	56626.97266	56637.15426	56670.15234	505121.9	5410651.6
L5120.1	505121.9	5410652.6	21598.90039	410.38	0	48.848822	-86.930185	56583.90	56218.7	31.32	56615.22	56626.83594	56636.64500	56669.11328	505121.9	5410652.6
L5120.1	505121.9	5410652.6	21599.00000	409.39	0	48.848822	-86.930185	56584.11	56218.7	31.32	56615.43	56626.84766	56639.52506	56671.47656	505121.9	5410652.6
L5120.1	505121.9	5410653.8	21599.09961	408.59	0	48.848833	-86.930185	56584.04	56218.7	31.32	56615.36	56626.58203	56635.87129	56667.31641	505121.9	5410653.8
L5120.1	505121.9	5410655.3	21599.19922	410.56	0	48.848846	-86.930185	56584.34	56218.7	31.32	56615.66	56626.69141	56641.03616	56671.98438	505121.9	5410655.3
L5120.1	505121.9	5410655.3	21599.30078	411.92	0	48.848846	-86.930185	56584.39	56218.7	31.32	56615.71	56626.55859	56640.37203	56670.83594	505121.9	5410655.3
L5120.1	505121.9	5410656.6	21599.40039	410.61	0	48.848858	-86.930185	56584.64	56218.7	31.32	56615.97	56626.63672	56644.74311	56674.73047	505121.9	5410656.6
L5120.1	505121.9	5410657.9	21599.50000	410.48	0	48.848869	-86.930185	56584.54	56218.7	31.32	56615.87	56626.35938	56640.68283	56670.20703	505121.9	5410657.9
L5120.1	505121.9	5410658.9	21599.59961	410.39	0	48.848879	-86.930185	56584.36	56218.7	31.33	56615.68	56625.99609	56634.56714	56663.64063	505121.9	5410658.9
L5120.1	505121.9	5410658.9	21599.69922	408.09	0	48.848879	-86.930185	56584.21	56218.7	31.33	56615.54	56625.68750	56629.70112	56658.33203	505121.9	5410658.9
L5120.1	505121.9	5410660.0	21599.69922	408.09	0	48.848889	-86.930185	56584.18	56218.7	31.33	56615.51	56625.49609	56627.50006	56655.70313	505121.9	5410660.0
L5120.1	505121.8	5410661.2	21599.90039	404.92	0	48.848899	-86.930185	56584.56	56218.7	31.33	56615.89	56625.71875	56635.04851	56662.83203	505121.8	5410661.2
L5120.1	505121.8	5410661.2	21600.00000	401.74	0	48.848899	-86.930185	56584.59	56218.7	31.33	56615.92	56625.59375	56634.39157	56661.76953	505121.8	5410661.2
L5120.1	505121.8	5410662.4	21600.09961	403.36	0	48.848910	-86.930186	56584.69	56218.7	31.33	56616.02	56625.54688	56635.44843	56662.42969	505121.8	5410662.4
L5120.1	505121.8	5410663.4	21600.19922	403.16	0	48.848919	-86.930186	56584.56	56218.7	31.32	56615.89	56625.27344	56631.13032	56657.73047	505121.8	5410663.4
L5120.1	505121.8	5410664.3	21600.30078	402.89	0	48.848927	-86.930186	56584.90	56218.7	31.32	56616.22	56625.46484	56637.73435	56663.96094	505121.8	5410664.3
L5120.1	505121.8	5410664.3	21600.40039	404.75	0	48.848927	-86.930186	56584.95	56218.7	31.31	56616.26	56625.36719	56637.54177	56663.41016	505121.8	5410664.3
L5120.1	505121.8	5410665.6	21600.50000	406.45	0	48.848939	-86.930186	56584.95	56218.7	31.31	56616.26	56625.23828	56636.45592	56661.97656	505121.8	5410665.6
L5120.1	505121.8	5410666.7	21600.59961	407.29	0	48.848948	-86.930186	56584.82	56218.7	31.31	56616.13	56624.98438	56632.34861	56657.53125	505121.8	5410666.7
L5120.1	505121.8	5410667.5	21600.69922	407.78	0	48.848956	-86.930186	56584.74	56218.7	31.30	56616.04	56624.77344	56629.23338	56654.09375	505121.8	5410667.5
L5120.1	505121.8	5410667.5	21600.80078	409.90	0	48.848956	-86.930186	56585.14	56218.7	31.30	56616.44	56625.05859	56637.73795	56662.28516	505121.8	5410667.5
L5120.1	505121.8	5410668.5	21600.90039	408.42	0	48.848965	-86.930187	56585.10	56218.7	31.29	56616.39	56624.89844	56635.65529	56659.90234	505121.8	5410668.5
L5120.1	505121.7	5410669.5	21601.00000	411.21	0	48.848974	-86.930187	56585.25	56218.7	31.29	56616.54	56624.94141	56638.33750	56662.29297	505121.7	5410669.5
L5120.1	505121.7	5410669.5	21601.09961	412.38	0	48.848974	-86.930187	56585.23	56218.7	31.29	56616.52	56624.82031	56637.04212	56660.71875	505121.7	5410669.5
L5120.1	505121.7	5410671.0	21601.19922	411.57	0	48.848987	-86.930187	56585.18	56218.7	31.29	56616.48	56624.68359	56635.31019	56658.72266	505121.7	5410671.0
L5120.1	505121.7	5410672.2	21601.30078	411.39	0	48.848998	-86.930187	56585.15	56218.7	31.29	56616.45	56624.55859	56633.84806	56657.00781	505121.7	5410672.2
L5120.1	505121.7	5410673.2	21601.40039	413.66	0	48.849007	-86.930187	56585.15	56218.7	31.29	56616.45	56624.47266	56633.12586	56656.04297	505121.7	5410673.2
L5120.1	505121.7	5410674.1	21601.50000	411.94	0	48.849016	-86.930187	56585.20	56218.7	31.29	56616.50	56624.43750	56633.61371	56656.29688	505121.7	5410674.1
L5120.1	505121.7	5410674.1	21601.59961	409.99	0	48.849016	-86.930187	56585.34	56218.7	31.30	56616.64	56624.50000	56636.25415	56658.71875	505121.7	5410674.1
L5120.1	505121.7	5410675.3	21601.69922	412.37	0	48.849026	-86.930188	56585.20	56218.7	31.30	56616.50	56624.28516	56632.30466	56654.56250	505121.7	5410675.3
L5120.1	505121.7	5410675.3	21601.69922	412.37	0	48.849026	-86.930188	56584.66	56218.7	31.30	56615.96	56623.67578	56618.92824	56640.98828	505121.7	5410675.3
L5120.1	505121.7	5410676.4	21601.90039	410.70	0	48.849036	-86.930188	56584.49	56218.7	31.30	56615.79	56623.43750	56614.31155	56636.18359	505121.7	5410676.4
L5120.1	505121.6	5410677.4	21602.00000	411.32	0	48.849045	-86.930188	56584.59	56218.7	31.30	56615.89	56623.47656	56616.09001	56637.78906	505121.6	5410677.4
L5120.1	505121.6	5410677.4	21602.09961	411.32	0	48.849045	-86.930188	56585.06	56218.7	31.30	56616.36	56623.89063	56626.62347	56648.15625	505121.6	5410677.4
L5120.1	505121.6	5410678.5	21602.19922	414.78	0	48.849055	-86.930188	56585.36	56218.7	31.30	56616.66	56624.13672	56633.15362	56654.53516	505121.6	5410678.5
L5120.1	505121.6	5410679.3	21602.30078	418.31	0	48.849062	-86.930188	56585.23	56218.7	31.31	56616.53	56623.95703	56629.53632	56650.77734	505121.6	5410679.3
L5120.1	505121.6	5410679.3	21602.40039	417.58	0	48.849062	-86.930188	56585.00	56218.7	31.31	56616.30	56623.68359	56623.56449	56644.67188	505121.6	5410679.3
L5120.1	505121.6	5410680.2	21602.50000	418.80	0	48.849070	-86.930189	56585.00	56218.7	31.31	56616.31	56623.65234	56623.26729	56644.25391	505121.6	5410680.2
L5120.1	505121.6	5410681.1	21602.59961	415.78	0	48.849078	-86.930189	56584.92	56218.7	31.31	56616.23	56623.53516	56620.84704	56641.72266	505121.6	5410681.1
L5120.1	505121.6	5410681.1	21602.69922	417.09	0	48.849078	-86.930189	56584.77	56218.7	31.31	56616.09	56623.36328	56617.01004	56637.78516	505121.6	5410681.1
L5120.1	505121.6	5410682.0	21602.80078	418.94	0	48.849087	-86.930189	56584.92	56218.7	31.32	56616.23	56623.47266	56619.78544	56640.46875	505121.6	5410682.0
L5120.1	505121.6	5410682.7	21602.90039	422.67	0	48.849093	-86.930189	56584.59	56218.7	31.32	56615.90	56623.11719	56611.45430	56632.05469	505121.6	5410682.7
L5120.1	505121.6	5410683.6	21603.00000	420.60	0	48.849101	-86.930189	56584.80	56218.7	31.32	56616.12	56623.31641	56616.10884	56636.63672	505121.6	5410683.6
L5120.1	505121.6	5410683.6	21603.09961	418.72	0	48.849101	-86.930189	56584.54	56218.7	31.32	56615.86	56623.03516	56609.41593	56629.88281	505121.6	5410683.6
L5120.1	505121.6	5410684.3	21603.19922	416.94	0	48.849107	-86.930189	56584.82	56218.7	31.32	56616.14	56623.30078	56615.46782	56635.88281	505121.6	5410684.3
L5120.1	505121.6	5410685.2	21603.30078	417.51	0	48.849115	-86.930189	56584.84	56218.7	31.32	56616.16	56623.30859	56615.36450	56635.73438	505121.6	5410685.2
L5120.1	505121.6	5410685.2	21603.40039	414.56	0	48.849115	-86.930189	56585.28	56218.7	31.32	56616.59	56623.73047	56624.93052	56645.26563	505121.6	5410685.2
L5120.1	505121.6	5410685.7	21603.50000	414.83	0	48.849120	-86.930189	56585.18	56218.7	31.32	56616.50	56623.63672	56622.19502	56642.50391	505121.6	5410685.7
L5120.1	505121.6	5410686.4	21603.59961	416.31	0	48.849126	-86.930189	56585.31	56218.7	31.31	56616.63	56623.76563	56624.63612	56644.92578	505121.6	5410686.4
L5120.1	505121.6	5410687.2	21603.69922	415.66	0	48.849133	-86.930189	56585.28	56218.7	31.31	56616.59	56623.72656	56623.03899	56643.32031	505121.6	5410687.2
L5120.1	505121.6	5410687.2	21603.69922	415.66	0	48.849133	-86.930189	56585.02	56218.7	31.31	56616.34	56623.48047	56616.45653	56636.73828	505121.6	5410687.2
L5120.1	505121.6	5410687.9	21603.90039	417.45	0	48.849139	-86.930189	56585.14	56218.7	31.31	56616.45	56623.59766	56618.35119	56638.64063	505121.6	5410687.9
L5120.1	505121.6	5410688.5	21604.00000	417.79	0	48.849145	-86.930189	56585.05	56218.7	31.31	56616.36	56623.51953	56615.49244	56635.79297	505121.6	5410688.5
L5120.1	505121.5	5410689.1	21604.09961	415.86	0	48.849150	-86.930189	56585.15	56218.7	31.31	56616.46	56623.63281	56617.09080	56637.41406	505121.5	5410689.1
L5120.1	505121.5	5410689.1	21604.19922	413.09	0	48.849150	-86.930189	56585.00	56218.7	31.31	56616.31	56623.49609	56612.75048	56633.10156	505121.5	5410689.1
L5120.1	505121.5	5410689.7	21604.30078	413.29	0	48.849156	-86.930189	56584.66	56218.7	31.30	56615.97	56623.17578	56603.88677	56624.27734	505121.5	5410689.7
L5120.1	505121.5	5410689.7	21604.40039	410.77	0	48.849156	-86.930189	56584.97	56218.7	31.30	56616.27	56623.49609	56610.10405	56630.53516	505121.5	5410689.7
L5120.1	505121.5	5410690.4	21604.50000	411.56	0	48.849162	-86.930189	56585.03	56218.7	31.30	56616.33	56623.58203	56610.61289	56631.09375	505121.5	5410690.4
L5120.1	505121.5	5410690.9	21604.59961	409.89	0	48.849166	-86.930189	56584.84	56218.7	31.30	56616.14	56623.41797	56605.17518	56625.71094	505121.5	5410690.9
L5120.1	505121.5	5410691.4	21604.69922	408.50	0	48.849171	-86.930189	56585.02	56218.7	31.30	56616.32	56623.62500	56608.43478	56629.03125	505121.5	5410691.4

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5120.1	505121.5	5410691.4	21604.80078	407.53	0	48.849171	-86.930189	56585.00	56218.7	31.29	56616.30	56623.63281	56606.92528	56627.58984	505121.5	5410691.4
L5120.1	505121.5	5410692.1	21604.90039	407.63	0	48.849177	-86.930189	56585.00	56218.7	31.29	56616.29	56623.65625	56605.60557	56626.34375	505121.5	5410692.1
L5120.1	505121.6	5410692.5	21605.00000	409.46	0	48.849181	-86.930189	56585.23	56218.7	31.29	56616.52	56623.92188	56609.90705	56630.72266	505121.6	5410692.5
L5120.1	505121.6	5410692.5	21605.09961	412.46	0	48.849181	-86.930189	56585.23	56218.7	31.29	56616.52	56623.95703	56608.72569	56629.62500	505121.6	5410692.5
L5120.1	505121.6	5410693.0	21605.19922	413.01	0	48.849186	-86.930189	56585.15	56218.7	31.29	56616.44	56623.91406	56605.60322	56626.58984	505121.6	5410693.0
L5120.1	505121.6	5410693.3	21605.30078	414.24	0	48.849188	-86.930189	56584.95	56218.7	31.29	56616.24	56623.75391	56599.59324	56620.67188	505121.6	5410693.3
L5120.1	505121.6	5410693.8	21605.40039	414.74	0	48.849193	-86.930189	56585.13	56218.7	31.29	56616.42	56623.97656	56602.50536	56623.67969	505121.6	5410693.8
L5120.1	505121.6	5410694.2	21605.50000	414.53	0	48.849196	-86.930189	56585.03	56218.7	31.29	56616.33	56623.92578	56598.98381	56620.26172	505121.6	5410694.2
L5120.1	505121.6	5410694.2	21605.59961	409.48	0	48.849196	-86.930189	56585.05	56218.7	31.30	56616.34	56623.98047	56597.76747	56619.14844	505121.6	5410694.2
L5120.1	505121.6	5410694.5	21605.69922	408.48	0	48.849199	-86.930189	56585.02	56218.7	31.30	56616.32	56624.00781	56595.78420	56617.27344	505121.6	5410694.5
L5120.1	505121.5	5410694.9	21605.69922	408.48	0	48.849202	-86.930189	56585.11	56218.7	31.30	56616.41	56624.14453	56596.33992	56617.94141	505121.5	5410694.9
L5120.1	505121.5	5410694.9	21605.90039	408.65	0	48.849202	-86.930189	56585.02	56218.7	31.30	56616.32	56624.10156	56592.58312	56614.30078	505121.5	5410694.9
L5120.1	505121.5	5410695.2	21606.00000	408.22	0	48.849205	-86.930189	56584.95	56218.7	31.30	56616.25	56624.07813	56589.23718	56611.07031	505121.5	5410695.2
L5120.1	505121.5	5410695.4	21606.09961	406.96	0	48.849207	-86.930189	56584.88	56218.7	31.30	56616.18	56624.05859	56585.82871	56607.78125	505121.5	5410695.4
L5120.1	505121.5	5410695.4	21606.19922	406.77	0	48.849207	-86.930189	56584.69	56218.7	31.30	56615.99	56623.91797	56579.52219	56601.59766	505121.5	5410695.4
L5120.1	505121.5	5410695.7	21606.30078	408.63	0	48.849210	-86.930189	56584.42	56218.7	31.30	56615.71	56623.68750	56571.02546	56593.22656	505121.5	5410695.7
L5120.1	505121.5	5410695.9	21606.40039	410.95	0	48.849211	-86.930189	56584.51	56218.7	31.30	56615.81	56623.83984	56571.44021	56593.76563	505121.5	5410695.9
L5120.1	505121.5	5410696.2	21606.50000	412.98	0	48.849214	-86.930189	56584.68	56218.7	31.30	56615.97	56624.05078	56573.20673	56595.65625	505121.5	5410696.2
L5120.1	505121.5	5410696.3	21606.59961	416.62	0	48.849215	-86.930189	56584.92	56218.7	31.29	56616.21	56624.34375	56576.79689	56599.37500	505121.5	5410696.3
L5120.1	505121.5	5410696.3	21606.69922	415.04	0	48.849215	-86.930189	56585.28	56218.7	31.29	56616.57	56624.75781	56583.15511	56605.86328	505121.5	5410696.3
L5120.1	505121.5	5410696.5	21606.80078	415.03	0	48.849216	-86.930189	56585.54	56218.7	31.29	56616.83	56625.07031	56587.08414	56609.92188	505121.5	5410696.5
L5120.1	505121.5	5410696.6	21606.90039	411.68	0	48.849218	-86.930189	56585.64	56218.7	31.29	56616.93	56625.22266	56587.16632	56610.13281	505121.5	5410696.6
L5170.0	505171.0	5410694.6	21621.59961	407.79	0	48.849199	-86.929515	56734.42	56218.8	31.16	56765.58	56694.91406	56619.90168	56736.30859	505171.0	5410694.6
L5170.0	505171.1	5410694.5	21621.69922	404.69	0	48.849199	-86.929513	56734.42	56218.8	31.16	56765.58	56694.91406	56629.33412	56743.21875	505171.1	5410694.5
L5170.0	505171.1	5410694.5	21621.69922	404.69	0	48.849199	-86.929513	56734.40	56218.8	31.16	56765.55	56694.88281	56637.89729	56749.26172	505171.1	5410694.5
L5170.0	505171.3	5410694.5	21621.90039	401.64	0	48.849198	-86.929511	56734.70	56218.8	31.15	56765.86	56695.19141	56653.69110	56762.53516	505171.3	5410694.5
L5170.0	505171.3	5410694.4	21622.00000	404.13	0	48.849198	-86.929510	56734.63	56218.8	31.15	56765.78	56695.10938	56660.73783	56767.06641	505171.3	5410694.4
L5170.0	505171.3	5410694.4	21622.09961	407.52	0	48.849198	-86.929510	56734.78	56218.9	31.15	56765.93	56695.25781	56672.60991	56776.42578	505171.3	5410694.4
L5170.0	505171.4	5410694.3	21622.19922	412.35	0	48.849197	-86.929509	56735.24	56218.9	31.15	56766.39	56695.71484	56691.05988	56792.36719	505171.4	5410694.3
L5170.0	505171.5	5410694.3	21622.30078	410.76	0	48.849196	-86.929509	56735.51	56218.9	31.15	56766.66	56695.98438	56705.14490	56803.94531	505171.5	5410694.3
L5170.0	505171.5	5410694.3	21622.40039	407.89	0	48.849196	-86.929509	56735.63	56218.9	31.15	56766.78	56696.10156	56715.74223	56812.04297	505171.5	5410694.3
L5170.0	505171.5	5410694.2	21622.50000	410.43	0	48.849196	-86.929508	56735.69	56218.9	31.15	56766.84	56696.16016	56724.82369	56818.63281	505171.5	5410694.2
L5170.0	505171.6	5410694.1	21622.59961	413.40	0	48.849195	-86.929507	56735.86	56218.9	31.14	56767.00	56696.31641	56735.89344	56827.21484	505171.6	5410694.1
L5170.0	505171.6	5410694.1	21622.69922	411.71	0	48.849195	-86.929507	56736.18	56218.9	31.14	56767.32	56696.63672	56750.26686	56839.10938	505171.6	5410694.1
L5170.0	505171.7	5410693.9	21622.80078	412.81	0	48.849193	-86.929506	56736.81	56218.9	31.14	56767.95	56697.26172	56771.22942	56857.60156	505171.7	5410693.9
L5170.0	505171.7	5410693.7	21622.90039	412.76	0	48.849192	-86.929505	56736.89	56218.9	31.14	56768.04	56697.34766	56780.17777	56864.08984	505171.7	5410693.7
L5170.0	505171.8	5410693.6	21623.00000	413.14	0	48.849190	-86.929504	56736.46	56218.9	31.14	56767.60	56696.90625	56777.33312	56858.79297	505171.8	5410693.6
L5170.0	505171.8	5410693.4	21623.09961	411.42	0	48.849188	-86.929504	56736.56	56218.9	31.14	56767.70	56697.00391	56786.11895	56865.13672	505171.8	5410693.4
L5170.0	505171.8	5410693.4	21623.19922	408.77	0	48.849188	-86.929504	56736.42	56218.9	31.14	56767.56	56696.85938	56789.46436	56866.05469	505171.8	5410693.4
L5170.0	505171.9	5410693.1	21623.30078	407.90	0	48.849186	-86.929503	56736.16	56218.9	31.14	56767.29	56696.58203	56789.77962	56863.95313	505171.9	5410693.1
L5170.0	505171.9	5410693.1	21623.40039	410.87	0	48.849186	-86.929503	56735.96	56218.9	31.14	56767.09	56696.37891	56791.44504	56863.21094	505171.9	5410693.1
L5170.0	505171.9	5410692.9	21623.50000	410.83	0	48.849184	-86.929503	56735.84	56218.9	31.14	56766.98	56696.26563	56794.90099	56864.27734	505171.9	5410692.9
L5170.0	505171.9	5410692.7	21623.59961	411.92	0	48.849182	-86.929503	56735.76	56218.9	31.13	56766.89	56696.16797	56798.61784	56865.61719	505171.9	5410692.7
L5170.0	505171.9	5410692.4	21623.69922	412.01	0	48.849180	-86.929503	56735.61	56218.9	31.13	56766.74	56696.01172	56800.84712	56865.48047	505171.9	5410692.4
L5170.0	505171.9	5410692.4	21623.69922	412.01	0	48.849180	-86.929503	56735.51	56218.9	31.13	56766.65	56695.91797	56804.21815	56866.50391	505171.9	5410692.4
L5170.0	505171.9	5410692.2	21623.90039	414.23	0	48.849177	-86.929503	56735.06	56218.9	31.13	56766.19	56695.44922	56799.32134	56859.27344	505171.9	5410692.2
L5170.0	505171.9	5410692.2	21624.00000	418.76	0	48.849177	-86.929503	56734.78	56218.9	31.13	56765.91	56695.16406	56798.19824	56855.83594	505171.9	5410692.2
L5170.0	505171.9	5410691.8	21624.09961	417.41	0	48.849174	-86.929503	56734.52	56218.9	31.13	56765.65	56694.89453	56797.34927	56852.68750	505171.9	5410691.8
L5170.0	505171.8	5410691.5	21624.19922	413.79	0	48.849171	-86.929504	56734.37	56218.9	31.12	56765.49	56694.72656	56798.52816	56851.58594	505171.8	5410691.5
L5170.0	505171.8	5410691.1	21624.30078	411.91	0	48.849168	-86.929504	56734.06	56218.9	31.12	56765.18	56694.40625	56796.26530	56847.05859	505171.8	5410691.1
L5170.0	505171.8	5410691.1	21624.40039	415.68	0	48.849168	-86.929504	56733.67	56218.9	31.12	56764.79	56694.00781	56792.09547	56840.64453	505171.8	5410691.1
L5170.0	505171.7	5410690.8	21624.50000	413.37	0	48.849165	-86.929505	56733.45	56218.9	31.11	56764.56	56693.76953	56791.27453	56837.59766	505171.7	5410690.8
L5170.0	505171.7	5410690.5	21624.59961	412.19	0	48.849162	-86.929506	56733.13	56218.9	31.11	56764.24	56693.44141	56788.33274	56832.44922	505171.7	5410690.5
L5170.0	505171.7	5410690.5	21624.69922	410.77	0	48.849162	-86.929506	56732.86	56218.9	31.11	56763.97	56693.16016	56786.33699	56828.26563	505171.7	5410690.5
L5170.0	505171.6	5410690.0	21624.80078	412.94	0	48.849158	-86.929507	56731.90	56218.9	31.11	56763.00	56692.17969	56768.87297	56808.63672	505171.6	5410690.0
L5170.0	505171.5	5410689.6	21624.90039	411.17	0	48.849154	-86.929508	56731.46	56218.9	31.10	56762.56	56691.72656	56762.86633	56800.48438	505171.5	5410689.6
L5170.0	505171.5	5410689.6	21625.00000	411.03	0	48.849154	-86.929508	56730.70	56218.9	31.10	56761.79	56690.94531	56749.49485	56784.98828	505171.5	5410689.6
L5170.0	505171.4	5410689.1	21625.09961	409.19	0	48.849150	-86.929510	56730.40	56218.9	31.10	56761.50	56690.64063	56746.49069	56779.88281	505171.4	5410689.1
L5170.0	505171.4	5410689.1	21625.19922	409.53	0	48.849150	-86.929510	56729.90	56218.9	31.11	56761.00	56690.12891	56738.75258	56770.06250	505171.4	5410689.1
L5170.0	505171.3	5410688.7	21625.30078	408.72	0	48.849146	-86.929511	56729.94	56218.9	31.11	56761.05	56690.16406	56742.91808	56772.17188	505171.3	5410688.7
L5170.0	505171.2	5410688.1	21625.40039	404.19	0	48.849141	-86.929512	56729.66	56218.9	31.11	56760.77	56689.87109	56739.72685	56766.94531	505171.2	5410688.1
L5170.0	505171.2	5410688.1	21625.50000	405.40	0	48.849141	-86.929512	56729.63	56218.9	31.11	56760.74	56689.82813	56741.87623	56767.08594	505171.2	5410688.1
L5170.0	505171.1	5410687.6	21625.59961	407.85	0	48.849137	-86.929514	56729.17	56218.9	31.12	56760.29	56689.36328	56734.70236	56757.92188	505171.1	5410687.6
L5170.0	505171.0	5410687.1	21625.69922	407.02	0	48.849132	-86.929515	56728.55	56218.9	31.12	56759.67	56688.72656	56723.67905	56744.93359	505171.0	5410687.1
L5170.0	505170.9	5410686.6	21625.69922	407.02	0	48.849128	-86.929516	56728.12	56218.9	31.12	56759.24	56688.28125	56716.68778	56736.00000	505170.9	5410686.6
L5170.0	505170.9	5410686.2	21625.90039	412.75	0	48.849123	-86.929517	56727.70	56218.9	31.13	56758.83	56687.85547	56710.00878	56727.40625	505170.9	5410686.2
L5170.0	505170.9	5410686.2	21626.00000	411.02	0	48.849123	-86.929517	56727.21	56218.9	31.13	56758.34	56687.34766	56701.45442	56716.95703	505170.9	5410686.2
L5170.0	505170.8	5410685.3	21626.09961	412.30	0	48.849115	-86.929518	56726.95	56218.9	31.13	56758.07	56687.06250	56697.59249	56711.22656	505170.8	5410685.3
L5170.0	505170.8	5410684.7	21626.19922	409.01	0	48.849110	-86.929518	56726.76	56218.9	31.12	56757.88	56686.85547	56695.35953	56707.14844	505170.8	5410684.7
L5170.0	505170.8	5410684.7	21626.30078	405.99	0	48.849110	-86.929518	56726.88	56218.9	31.12	56757.99	56686.94531	56699.57200	56709.54297	505170.8	5410684.7
L5170.0	505170.8	5410684.2	21626.40039	404.25	0	48.849106	-86.929518	56726.97	56218.9	31.11	56758.09	56687.02734	56703.44507	56711.62500	505170.8	5410684.2
L5170.0	505170.8	5410683.6	21626.50000	403.47	0	48.849101	-86.929518	56726.86	56218.9	31.11	56757.97	56686.89063	56702.38271	56708.79297	505170.8	5410683.6
L5170.0	505170.8	5410683.6	21626.59961	401.55	0	48.849101	-86.929518	56727.21	56218.9	31.11	56758.31	56687.21094	56711.26987	56715.93359	505170.8	5410683.6
L5170.0	505170.8	5410682.9	21626.69922	403.54	0	48.849094	-86.929518	56727.35	56218.9	31.10	56758.45	56687.33203	56715.66023	56718.60547	505170.8	5410682.9
L5170.0	505170.8	5410682.4	21626.80078	406.63	0	48.849089	-86.929518	56727.54	56218.9	31.10	56758.64	56687.50391	56721.02627	56722.27734	505170.8	5410682.4
L5170.0	505170.8	5410681.6	21626.90039	408.52	0	48.849082	-86.929517	56727.86	56218.9	31.09	56758.95	56687.79688	56728.90032	56728.48438	505170.8	5410681.6
L5170.0	505170.8	5410681.6	21627.00000	408.79	0	48.849082	-86.929517	56727.94	56218.9	31.09	56759.03	56687.85547	56731.62124	56729.56250	505170.8	5410681.6
L5170.0	505170.9	5410680.8	21627.09961	405.49	0	48.849075	-86.929516	56728.03	56218.9	31.09	56759.12	56687.92578	56734.44223	56730.76563	505170.9	5410680.8
L5170.0	505171.0	5410679.9	21627.19922	404.82	0	48.849067	-86.929515	56728.02	56218.9	31.09	56759.10	56687.88672	56734.73635	56729.46875	505171.0	5410679.9
L5170.0	505171.0	5410679.9	21627.30078	402.48	0	48.849067	-86.929515	56728.70	56218.9	31.09	56759.79	56688.55859	56750.45209	56743.61719	505171.0	5410679.9
L5170.0	505171.0	5410679.2	21627.40039	402.11	0	48.849061	-86.929515	56728.84	56218.9	31.09	56759.92	56688.66797	56753.79004	56745.41016	505171.0	5410679.2
L5170.0	505171.1	5410678.3	21627.50000	403.52	0	48.849053	-86.929514	56729.38	56218.9	31.08	56760.46	56689.18750	56765.98178	56756.08594	505171.1	5410678.3
L5170.0	505171.1	5410678.3	21627.59961	404.80	0	48.849053	-86.929514	56729.24	56218.9	31.08	56760.33	56689.03906	56763.38656	56751.99609	505171.1	5410678.3
L5170.0	505171.1	5410677.6	21627.69922	405.56	0	48.849047	-86.929513	56729.32	56218.9	31.08	56760.40	56689.08984	56765.04684	56752.19141	505171.1	5410677.6
L5170.0	505171.2	5410676.9	21627.69922	405.56	0	48.849040	-86.929513	56729.02	56218.9	31.08	56760.10	56688.76953	56758.48497	56744.18359	505171.2	5410676.9
L5170.0	505171.2	5410676.9	21627.90039	401.58	0	48.849040	-86.929513	56728.91	56218.9	31.08	56759.99	56688.64063	56755.95763	56740.23828	505171.2	5410676.9
L5170.0	505171.2	5410676.0	21628.00000	404.08	0	48.849032	-86.929512	56729.27	56218.9	31.08	56760.35	56688.98438	56763.59253	56746.48047	505171.2	5410676.0
L5170.0	505171.3	5410675.2	21628.09961	404.92	0	48.849025	-86.929511	56729.38	56218.9	31.08	56760.46	56689.07422	56765.62836	56747.14453	505171.3	5410675.2
L5170.0	505171.3	5410674.6	21628.19922	405.26	0	48.849019	-86.929511	56729.42	56218.9	31.08	56760.50	56689.09766	56766.00374	56746.17578	505171.3	5410674.6
L5170.0	505171.3	5410674.6	21628.30078	404.85	0	48.849019	-86.929511	56729.38	56218.9	31.07	56760.45	56689.03125	56764.27941	56743.12891	505171.3	5410674.6
L5170.0	505171.3	5410673.5	21628.40039	408.10	0	48.849010	-86.929510	56729.78	56218.9	31.07	56760.85	56689.41406	56772.27381	56749.82422	505171.3	5410673.5
L5170.0	505171.4	5410672.7	21628.50000	406.95	0	48.849002	-86.929510	56729.69	56218.9	31.07	56760.76	56689.30469	56769.40975	56745.68359	505171.4	5410672.7
L5170.0	505171.4	5410672.0	21628.59961	405.37	0	48.848996	-86.929510	56729.50	56218.9	31.07	56760.57	56689.10156	56764.22218	56739.24219	505171.4	5410672.0

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5170.0	505171.4	5410672.0	21628.69922	406.66	0	48.848996	-86.929510	56729.29	56218.9	31.07	56760.36	56688.87500	56758.46044	56732.25000	505171.4	5410672.0
L5170.0	505171.4	5410670.9	21628.80078	407.28	0	48.848986	-86.929510	56729.56	56218.9	31.06	56760.62	56689.12109	56762.84823	56735.43359	505171.4	5410670.9
L5170.0	505171.4	5410670.1	21628.90039	408.67	0	48.848979	-86.929510	56729.79	56218.9	31.06	56760.85	56689.33594	56766.43924	56737.83984	505171.4	5410670.1
L5170.0	505171.4	5410669.1	21629.00000	407.98	0	48.848969	-86.929509	56730.02	56218.9	31.06	56761.08	56689.55469	56769.88820	56740.12500	505171.4	5410669.1
L5170.0	505171.4	5410669.1	21629.09961	409.60	0	48.848969	-86.929509	56730.32	56218.9	31.06	56761.38	56689.84375	56774.72536	56743.82031	505171.4	5410669.1
L5170.0	505171.4	5410668.1	21629.19922	408.61	0	48.848961	-86.929509	56730.08	56218.9	31.05	56761.13	56689.58203	56767.37760	56735.35547	505171.4	5410668.1
L5170.0	505171.4	5410667.3	21629.30078	411.28	0	48.848953	-86.929509	56730.27	56218.9	31.05	56761.32	56689.76172	56769.51291	56736.39063	505171.4	5410667.3
L5170.0	505171.4	5410666.2	21629.40039	414.52	0	48.848944	-86.929509	56730.16	56219	31.05	56761.20	56689.63281	56764.71260	56730.51563	505171.4	5410666.2
L5170.0	505171.4	5410666.2	21629.50000	413.31	0	48.848944	-86.929509	56730.50	56219	31.04	56761.54	56689.96484	56769.82906	56734.57422	505171.4	5410666.2
L5170.0	505171.4	5410665.5	21629.59961	413.71	0	48.848937	-86.929509	56730.62	56219	31.04	56761.66	56690.08203	56769.97584	56733.68359	505171.4	5410665.5
L5170.0	505171.4	5410664.5	21629.69922	415.04	0	48.848929	-86.929509	56730.41	56219	31.04	56761.45	56689.86719	56762.74313	56725.43359	505171.4	5410664.5
L5170.0	505171.4	5410664.5	21629.69922	415.04	0	48.848929	-86.929509	56730.24	56219	31.04	56761.28	56689.69141	56756.22783	56717.92188	505171.4	5410664.5
L5170.0	505171.4	5410663.6	21629.90039	413.34	0	48.848920	-86.929509	56729.94	56219	31.03	56760.97	56689.37891	56746.48799	56707.20703	505171.4	5410663.6
L5170.0	505171.4	5410662.6	21630.00000	412.70	0	48.848911	-86.929510	56730.34	56219	31.03	56761.37	56689.78125	56752.12725	56711.88672	505171.4	5410662.6
L5170.0	505171.4	5410661.8	21630.09961	411.38	0	48.848904	-86.929510	56730.67	56219	31.03	56761.70	56690.11328	56756.07042	56714.88672	505171.4	5410661.8
L5170.0	505171.4	5410660.8	21630.19922	411.58	0	48.848895	-86.929510	56731.20	56219	31.04	56762.23	56690.64453	56764.22570	56722.12109	505171.4	5410660.8
L5170.0	505171.4	5410660.8	21630.30078	409.73	0	48.848895	-86.929510	56731.28	56219	31.04	56762.32	56690.73828	56762.58249	56719.57422	505171.4	5410660.8
L5170.0	505171.4	5410659.6	21630.40039	410.17	0	48.848884	-86.929510	56731.46	56219	31.05	56762.50	56690.92578	56762.74026	56718.84766	505171.4	5410659.6
L5170.0	505171.4	5410659.6	21630.50000	410.38	0	48.848884	-86.929510	56731.26	56218.9	31.05	56762.31	56690.74609	56754.62859	56709.86719	505171.4	5410659.6
L5170.0	505171.4	5410658.3	21630.59961	411.21	0	48.848872	-86.929510	56731.36	56218.9	31.05	56762.41	56690.85547	56752.69272	56707.07813	505171.4	5410658.3
L5170.0	505171.4	5410657.5	21630.69922	410.32	0	48.848866	-86.929510	56731.79	56218.9	31.06	56762.85	56691.30859	56758.02578	56711.57813	505171.4	5410657.5
L5170.0	505171.4	5410656.6	21630.80078	412.32	0	48.848857	-86.929510	56732.16	56218.9	31.06	56763.22	56691.69531	56761.65215	56714.38672	505171.4	5410656.6
L5170.0	505171.4	5410656.6	21630.90039	408.71	0	48.848857	-86.929510	56732.08	56218.9	31.07	56763.14	56691.63281	56755.25301	56707.18359	505171.4	5410656.6
L5170.0	505171.4	5410655.4	21631.00000	410.33	0	48.848847	-86.929510	56732.23	56218.9	31.07	56763.30	56691.81250	56753.93082	56705.07422	505171.4	5410655.4
L5170.0	505171.4	5410654.4	21631.09961	410.18	0	48.848837	-86.929510	56732.55	56218.9	31.07	56763.62	56692.15625	56755.93373	56706.30469	505171.4	5410654.4
L5170.0	505171.4	5410654.4	21631.19922	409.92	0	48.848837	-86.929510	56732.70	56218.9	31.07	56763.76	56692.32031	56753.81898	56703.43359	505171.4	5410654.4
L5170.0	505171.4	5410653.1	21631.30078	407.13	0	48.848826	-86.929510	56733.08	56218.9	31.07	56764.14	56692.72656	56756.77956	56705.65625	505171.4	5410653.1
L5170.0	505171.4	5410651.8	21631.40039	404.42	0	48.848814	-86.929510	56733.12	56218.9	31.07	56764.18	56692.79688	56752.11975	56700.26953	505171.4	5410651.8
L5170.0	505171.4	5410651.8	21631.50000	401.90	0	48.848814	-86.929510	56733.63	56218.9	31.06	56764.69	56693.33984	56757.56960	56705.00781	505171.4	5410651.8
L5170.0	505171.4	5410650.7	21631.59961	399.54	0	48.848805	-86.929509	56733.46	56218.9	31.06	56764.53	56693.21484	56748.17607	56694.91406	505171.4	5410650.7
L5170.0	505171.4	5410650.7	21631.69922	400.26	0	48.848805	-86.929509	56733.73	56218.9	31.06	56764.79	56693.51563	56747.79854	56693.85547	505171.4	5410650.7
L5170.0	505171.5	5410649.2	21631.69922	400.26	0	48.848791	-86.929509	56733.96	56218.9	31.06	56765.02	56693.78906	56746.58779	56691.97266	505171.5	5410649.2
L5170.0	505171.5	5410648.1	21631.90039	400.85	0	48.848781	-86.929509	56734.42	56218.9	31.06	56765.48	56694.29297	56750.23594	56694.96484	505171.5	5410648.1
L5170.0	505171.5	5410647.0	21632.00000	400.23	0	48.848771	-86.929509	56734.66	56218.9	31.06	56765.72	56694.58203	56748.89427	56692.98047	505171.5	5410647.0
L5170.0	505171.5	5410647.0	21632.09961	399.81	0	48.848771	-86.929509	56735.42	56218.9	31.06	56766.48	56695.39453	56758.76214	56702.21484	505171.5	5410647.0
L5170.0	505171.5	5410644.8	21632.19922	401.69	0	48.848752	-86.929509	56735.84	56218.9	31.06	56766.91	56695.87891	56761.23584	56704.07031	505171.5	5410644.8
L5170.0	505171.5	5410644.8	21632.30078	400.37	0	48.848752	-86.929509	56735.96	56218.9	31.06	56767.02	56696.04688	56756.53641	56698.76563	505171.5	5410644.8
L5170.0	505171.5	5410643.9	21632.40039	402.66	0	48.848743	-86.929509	56736.06	56218.9	31.06	56767.13	56696.21875	56751.67079	56693.30859	505171.5	5410643.9
L5170.0	505171.5	5410642.8	21632.50000	401.97	0	48.848734	-86.929508	56736.33	56218.9	31.07	56767.40	56696.55469	56750.14398	56691.19922	505171.5	5410642.8
L5170.0	505171.5	5410642.8	21632.59961	404.92	0	48.848734	-86.929508	56736.79	56218.9	31.07	56767.86	56697.08594	56752.61578	56693.10156	505171.5	5410642.8
L5170.0	505171.5	5410641.8	21632.69922	402.77	0	48.848725	-86.929509	56737.51	56218.9	31.07	56768.58	56697.87891	56760.62189	56700.55078	505171.5	5410641.8
L5170.0	505171.5	5410640.5	21632.80078	402.94	0	48.848712	-86.929509	56737.87	56218.9	31.07	56768.94	56698.31641	56760.59501	56699.97656	505171.5	5410640.5
L5170.0	505171.5	5410639.5	21632.90039	402.07	0	48.848703	-86.929509	56738.66	56218.9	31.07	56769.73	56699.18750	56769.83156	56708.67969	505171.5	5410639.5
L5170.0	505171.5	5410639.5	21633.00000	402.03	0	48.848703	-86.929509	56739.34	56218.9	31.07	56770.41	56699.94922	56776.51609	56714.83984	505171.5	5410639.5
L5170.0	505171.5	5410638.1	21633.09961	404.45	0	48.848691	-86.929509	56740.27	56218.9	31.07	56771.33	56700.96094	56788.31465	56726.12500	505171.5	5410638.1
L5170.0	505171.5	5410637.0	21633.19922	403.23	0	48.848681	-86.929509	56740.01	56218.9	31.07	56771.08	56700.80469	56774.36922	56711.67969	505171.5	5410637.0
L5170.0	505171.5	5410637.0	21633.30078	402.15	0	48.848681	-86.929509	56740.39	56218.9	31.06	56771.46	56701.28125	56774.08553	56710.90625	505171.5	5410637.0
L5170.0	505171.5	5410635.5	21633.40039	402.99	0	48.848667	-86.929509	56740.39	56218.9	31.06	56771.46	56701.38281	56765.36190	56701.70313	505171.5	5410635.5
L5170.0	505171.5	5410634.3	21633.50000	406.56	0	48.848657	-86.929509	56740.96	56218.9	31.06	56772.02	56702.05078	56768.78043	56704.65234	505171.5	5410634.3
L5170.0	505171.5	5410633.4	21633.59961	410.72	0	48.848648	-86.929509	56741.69	56218.9	31.06	56772.75	56702.89063	56775.81137	56711.22266	505171.5	5410633.4
L5170.0	505171.5	5410633.4	21633.69922	409.91	0	48.848648	-86.929509	56742.22	56218.9	31.06	56773.28	56703.53516	56778.36319	56713.32813	505171.5	5410633.4
L5170.0	505171.5	5410631.1	21633.69922	409.91	0	48.848628	-86.929509	56743.01	56218.9	31.06	56774.06	56704.43359	56786.29367	56720.82031	505171.5	5410631.1
L5170.0	505171.5	5410631.1	21633.90039	411.75	0	48.848628	-86.929509	56743.33	56218.9	31.05	56774.38	56704.87891	56784.06989	56718.17188	505171.5	5410631.1
L5170.0	505171.5	5410629.6	21634.00000	411.45	0	48.848615	-86.929509	56744.05	56218.9	31.05	56775.10	56705.72656	56790.52494	56724.21094	505171.5	5410629.6
L5170.0	505171.5	5410629.6	21634.09961	412.56	0	48.848615	-86.929509	56744.20	56219	31.05	56775.25	56706.01172	56784.43566	56717.71484	505171.5	5410629.6
L5170.0	505171.5	5410628.5	21634.19922	414.71	0	48.848604	-86.929510	56745.04	56219	31.05	56776.08	56706.98047	56793.17264	56726.05859	505171.5	5410628.5
L5170.0	505171.4	5410627.2	21634.30078	412.17	0	48.848593	-86.929510	56745.47	56219	31.04	56776.51	56707.55078	56793.10583	56725.60938	505171.4	5410627.2
L5170.0	505171.4	5410626.1	21634.40039	410.62	0	48.848583	-86.929510	56746.32	56219	31.04	56777.36	56708.55078	56802.19446	56734.32422	505171.4	5410626.1
L5170.0	505171.4	5410626.1	21634.50000	406.75	0	48.848583	-86.929510	56746.83	56219	31.04	56777.87	56709.21484	56803.81379	56735.58203	505171.4	5410626.1
L5170.0	505171.5	5410624.7	21634.59961	407.08	0	48.848571	-86.929510	56747.33	56219	31.04	56778.37	56709.87109	56805.19837	56736.61328	505171.5	5410624.7
L5170.0	505171.5	5410623.2	21634.69922	406.26	0	48.848557	-86.929509	56748.12	56219	31.04	56779.15	56710.81250	56812.70763	56743.78516	505171.5	5410623.2
L5170.0	505171.5	5410623.2	21634.80078	406.17	0	48.848557	-86.929509	56748.51	56219	31.03	56779.54	56711.37109	56811.68811	56742.43750	505171.5	5410623.2
L5170.0	505171.5	5410621.8	21634.90039	409.43	0	48.848544	-86.929509	56749.13	56219	31.03	56780.16	56712.16406	56815.72340	56746.15234	505171.5	5410621.8
L5170.0	505171.5	5410620.5	21635.00000	410.08	0	48.848532	-86.929509	56749.33	56219	31.03	56780.36	56712.54297	56810.59866	56740.72266	505171.5	5410620.5
L5170.0	505171.5	5410620.5	21635.09961	410.56	0	48.848532	-86.929509	56750.26	56219	31.03	56781.29	56713.65625	56821.49941	56751.32813	505171.5	5410620.5
L5170.0	505171.5	5410619.1	21635.19922	408.96	0	48.848520	-86.929509	56750.78	56219	31.03	56781.81	56714.36719	56823.48606	56753.02734	505171.5	5410619.1
L5170.0	505171.5	5410617.7	21635.30078	408.41	0	48.848507	-86.929509	56751.66	56219	31.03	56782.69	56715.43750	56833.42716	56762.69922	505171.5	5410617.7
L5170.0	505171.5	5410617.7	21635.40039	411.04	0	48.848507	-86.929509	56751.96	56219	31.03	56782.99	56715.93750	56830.76166	56759.77344	505171.5	5410617.7
L5170.0	505171.5	5410616.7	21635.50000	408.10	0	48.848498	-86.929509	56752.86	56219	31.02	56783.88	56717.03125	56841.11441	56769.87891	505171.5	5410616.7
L5170.0	505171.5	5410615.3	21635.59961	409.34	0	48.848486	-86.929509	56753.40	56219	31.02	56784.43	56717.79297	56844.14399	56772.67188	505171.5	5410615.3
L5170.0	505171.5	5410614.2	21635.69922	409.26	0	48.848476	-86.929508	56753.88	56219	31.02	56784.90	56718.47656	56845.55707	56773.85938	505171.5	5410614.2
L5170.0	505171.6	5410613.4	21635.69922	409.26	0	48.848469	-86.929508	56754.48	56219	31.02	56785.50	56719.29688	56849.96623	56778.05859	505171.6	5410613.4
L5170.0	505171.6	5410613.4	21635.90039	407.13	0	48.848469	-86.929508	56754.74	56219	31.02	56785.76	56719.78125	56847.09992	56774.99219	505171.6	5410613.4
L5170.0	505171.6	5410612.0	21636.00000	409.74	0	48.848456	-86.929508	56755.72	56219	31.02	56786.74	56720.99219	56860.17689	56787.88281	505171.6	5410612.0
L5170.0	505171.6	5410610.5	21636.09961	411.57	0	48.848443	-86.929508	56756.23	56219	31.02	56787.24	56721.73047	56862.94726	56790.48047	505171.6	5410610.5
L5170.0	505171.6	5410609.4	21636.19922	412.83	0	48.848433	-86.929508	56757.26	56219	31.02	56788.28	56723.01172	56877.75480	56805.12891	505171.6	5410609.4
L5170.0	505171.6	5410609.4	21636.30078	409.83	0	48.848433	-86.929508	56757.78	56219	31.01	56788.79	56723.76563	56881.19570	56808.42188	505171.6	5410609.4
L5170.0	505171.7	5410608.0	21636.40039	410.11	0	48.848420	-86.929507	56758.30	56219	31.01	56789.31	56724.53906	56885.10751	56812.20313	505171.7	5410608.0
L5170.0	505171.7	5410606.7	21636.50000	410.15	0	48.848409	-86.929506	56758.72	56219	31.01	56789.73	56725.21484	56887.10021	56814.07422	505171.7	5410606.7
L5170.0	505171.8	5410605.3	21636.59961	411.28	0	48.848396	-86.929506	56759.09	56219	31.01	56790.10	56725.84766	56888.28616	56815.15234	505171.8	5410605.3
L5170.0	505171.8	5410605.3	21636.69922	414.13	0	48.848396	-86.929506	56759.81	56219	31.01	56790.81	56726.82813	56897.22012	56823.99609	505171.8	5410605.3
L5170.0	505171.8	5410604.3	21636.80078	413.71	0	48.848387	-86.929505	56760.20	56219	31.00	56791.20	56727.48828	56899.47365	56826.17188	505171.8	5410604.3
L5170.0	505171.9	5410603.2	21636.90039	409.31	0	48.848377	-86.929504	56760.98	56219	31.00	56791.98	56728.54688	56910.60617	56837.24219	505171.9	5410603.2
L5170.0	505171.9	5410603.2	21637.00000	411.81	0	48.848377	-86.929504	56761.02	56219	31.00	56792.02	56728.87109	56905.90166	56832.48828	505171.9	5410603.2
L5170.0	505171.9	5410601.6	21637.09961	412.35	0	48.848362	-86.929503	56761.71	56219	31.00	56792.72	56729.85938	56916.02301	56842.57031	505171.9	5410601.6
L5170.0	505172.0	5410600.7	21637.19922	411.86	0	48.848354	-86.929503	56762.00	56219	31.00	56793.01	56730.44141	56917.56759	56844.09375	505172.0	5410600.7
L5170.0	505172.0	5410599.3	21637.30078	413.53	0	48.848342	-86.929502	56762.59	56219	31.00	56793.60	56731.33203	56926.09499	56852.61719	505172.0	5410599.3
L5170.0	505172.0	5410599.3	21637.40039	410.66	0	48.848342	-86.929502	56762.72	56219	31.00	56793.73	56731.76563	56924.98809	56851.51953	505172.0	5410599.3
L5170.0	505172.1	5410597.5	21637.50000	411.11	0	48.848326	-86.929501	56763.14	56219	31.01	56794.14	56732.48438	56930.46304	56857.01563	505172.1	5410597.5
L5170.0	505172.1	5410596.5	21637.59961	410.54	0	48.848317	-86.929501	56763.29	56219	31.01	56794.29	56732.94922	56930.71811	56857.30859	505172.1	5410596.5
L5170.0	505172.2	5410595.3	21637.69922	409.43	0	48.848306	-86.929500	56763.68	56219	31.01	56794.68	56733.65625	56936.71588	56863.35938	505172.2	5410595.3
L5170.0	505172.2	5410595.3	21637.69922	409.43	0	48.848306	-86.929500	56763.80	56219	31.01	56794.81	56734.10938	56937.52989	56864.23828	505172.2	5410595.3
L5170.0	505172.2	5410594.1	21637.90039	405.11	0	48.848295	-86.929499	56763.88	56219	31.01	56794.89	56734.51563	56937.77457	56864.56641	505172.2	5410594.1

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5170.0	505172.3	5410593.1	21638.00000	406.42	0	48.848286	-86.929499	56764.43	56219	31.01	56795.44	56735.39844	56948.84969	56875.73828	505172.3	5410593.1
L5170.0	505172.3	5410593.1	21638.09961	405.92	0	48.848286	-86.929499	56764.83	56219	31.01	56795.84	56736.13672	56957.20141	56884.19922	505172.3	5410593.1
L5170.0	505172.3	5410591.4	21638.19922	405.78	0	48.848271	-86.929498	56765.09	56219	31.01	56796.10	56736.73828	56963.06560	56890.19141	505172.3	5410591.4
L5170.0	505172.4	5410590.4	21638.30078	405.05	0	48.848262	-86.929497	56764.78	56219	31.00	56795.79	56736.77344	56957.04665	56884.31250	505172.4	5410590.4
L5170.0	505172.4	5410589.0	21638.40039	405.64	0	48.848249	-86.929497	56764.75	56219	31.00	56795.75	56737.08203	56957.54749	56884.96875	505172.4	5410589.0
L5170.0	505172.4	5410589.0	21638.50000	402.48	0	48.848249	-86.929497	56764.35	56219	31.00	56795.35	56737.03906	56950.79398	56878.38281	505172.4	5410589.0
L5170.0	505172.5	5410587.5	21638.59961	404.28	0	48.848236	-86.929496	56764.08	56219	31.00	56795.08	56737.12500	56947.52706	56875.30078	505172.5	5410587.5
L5170.0	505172.5	5410585.9	21638.69922	403.97	0	48.848222	-86.929496	56764.03	56219	31.00	56795.03	56737.43750	56949.73164	56877.70313	505172.5	5410585.9
L5170.0	505172.5	5410585.9	21638.80078	407.00	0	48.848222	-86.929496	56763.86	56219	30.99	56794.85	56737.62500	56949.76103	56877.94531	505172.5	5410585.9
L5170.0	505172.5	5410584.3	21638.90039	408.13	0	48.848207	-86.929496	56763.99	56219	30.99	56794.98	56738.12500	56957.26016	56885.66797	505172.5	5410584.3
L5170.0	505172.5	5410583.1	21639.00000	406.63	0	48.848196	-86.929496	56763.90	56219	30.99	56794.89	56738.41016	56960.64118	56889.28906	505172.5	5410583.1
L5170.0	505172.5	5410581.6	21639.09961	405.38	0	48.848182	-86.929496	56763.88	56219	30.99	56794.87	56738.76563	56966.26449	56895.16406	505172.5	5410581.6
L5170.0	505172.5	5410581.6	21639.19922	405.28	0	48.848182	-86.929496	56763.52	56219	30.99	56794.51	56738.78906	56965.16761	56894.33203	505172.5	5410581.6
L5170.0	505172.5	5410580.1	21639.30078	405.87	0	48.848169	-86.929495	56763.40	56219	31.00	56794.39	56739.05078	56970.05736	56899.50391	505172.5	5410580.1
L5170.0	505172.5	5410580.1	21639.40039	406.68	0	48.848169	-86.929495	56762.46	56219	31.00	56793.46	56738.50781	56957.96093	56887.69922	505172.5	5410580.1
L5170.0	505172.6	5410578.4	21639.50000	406.79	0	48.848154	-86.929495	56762.03	56219	31.00	56793.03	56738.46875	56957.56255	56887.60547	505172.6	5410578.4
L5170.0	505172.6	5410577.3	21639.59961	404.96	0	48.848144	-86.929495	56761.66	56219	31.00	56792.66	56738.49219	56959.24007	56889.60156	505172.6	5410577.3
L5170.0	505172.6	5410576.1	21639.69922	406.21	0	48.848133	-86.929495	56761.21	56219	31.00	56792.21	56738.44141	56959.93718	56890.62500	505172.6	5410576.1
L5170.0	505172.6	5410574.7	21639.69922	406.21	0	48.848121	-86.929494	56760.74	56219	31.00	56791.74	56738.37109	56960.97451	56892.00391	505172.6	5410574.7
L5170.0	505172.6	5410574.7	21639.90039	408.07	0	48.848121	-86.929494	56760.02	56219	31.01	56791.03	56738.06250	56957.54288	56888.92578	505172.6	5410574.7
L5170.0	505172.6	5410573.5	21640.00000	408.68	0	48.848110	-86.929494	56759.40	56219	31.01	56790.41	56737.84766	56956.87110	56888.61719	505172.6	5410573.5
L5170.0	505172.7	5410572.1	21640.09961	408.13	0	48.848097	-86.929494	56758.70	56219	31.01	56789.71	56737.55469	56955.24256	56887.36328	505172.7	5410572.1
L5170.0	505172.7	5410572.1	21640.19922	404.73	0	48.848097	-86.929494	56758.29	56219	31.00	56789.29	56737.54297	56960.54082	56893.04688	505172.7	5410572.1
L5170.0	505172.7	5410570.4	21640.30078	408.14	0	48.848082	-86.929494	56757.36	56219	31.00	56788.36	56737.02344	56955.47618	56888.37891	505172.7	5410570.4
L5170.0	505172.7	5410569.3	21640.40039	408.41	0	48.848072	-86.929493	56756.70	56219	31.00	56787.70	56736.77734	56957.12350	56890.43359	505172.7	5410569.3
L5170.0	505172.7	5410567.8	21640.50000	404.57	0	48.848058	-86.929493	56756.05	56219	31.00	56787.04	56736.53125	56959.57323	56893.29688	505172.7	5410567.8
L5170.0	505172.7	5410567.8	21640.59961	404.07	0	48.848058	-86.929493	56755.36	56219	30.99	56786.36	56736.26953	56962.38700	56896.53516	505172.7	5410567.8
L5170.0	505172.7	5410566.1	21640.69922	403.97	0	48.848043	-86.929493	56754.69	56219	30.99	56785.68	56736.00781	56966.00087	56900.58203	505172.7	5410566.1
L5170.0	505172.7	5410566.1	21640.80078	404.82	0	48.848043	-86.929493	56753.14	56219	30.99	56784.13	56734.87500	56951.36872	56886.39453	505172.7	5410566.1
L5170.0	505172.7	5410564.5	21640.90039	409.51	0	48.848029	-86.929493	56752.65	56219	30.98	56783.63	56734.79688	56960.51327	56895.98828	505172.7	5410564.5
L5170.0	505172.8	5410563.2	21641.00000	410.24	0	48.848017	-86.929493	56751.52	56219	30.98	56782.50	56734.08594	56956.65612	56892.58594	505172.8	5410563.2
L5170.0	505172.8	5410562.1	21641.09961	411.55	0	48.848007	-86.929492	56751.01	56219	30.98	56781.99	56734.00000	56967.15217	56903.54688	505172.8	5410562.1
L5170.0	505172.8	5410560.5	21641.19922	414.26	0	48.847993	-86.929492	56749.56	56219	30.98	56780.54	56732.97266	56957.84736	56894.71484	505172.8	5410560.5
L5170.0	505172.8	5410560.5	21641.30078	415.20	0	48.847993	-86.929492	56748.51	56219	30.98	56779.49	56732.34375	56958.06425	56895.41016	505172.8	5410560.5
L5170.0	505172.8	5410559.5	21641.40039	415.41	0	48.847984	-86.929492	56747.15	56219	30.98	56778.13	56731.41016	56952.25200	56890.08203	505172.8	5410559.5
L5170.0	505172.8	5410558.2	21641.50000	417.36	0	48.847972	-86.929492	56746.34	56219	30.98	56777.32	56731.02344	56959.22413	56897.54297	505172.8	5410558.2
L5170.0	505172.8	5410558.2	21641.59961	417.38	0	48.847972	-86.929492	56745.24	56219	30.98	56776.22	56730.34766	56960.58188	56899.39453	505172.8	5410558.2
L5170.0	505172.9	5410556.5	21641.69922	417.17	0	48.847957	-86.929491	56743.79	56219	30.98	56774.77	56729.32031	56954.99865	56894.30859	505172.9	5410556.5
L5170.0	505172.9	5410555.4	21641.69922	417.17	0	48.847947	-86.929491	56742.84	56219	30.98	56773.82	56728.79297	56961.06551	56900.87891	505172.9	5410555.4
L5170.0	505172.9	5410553.9	21641.90039	414.52	0	48.847934	-86.929491	56741.63	56219	30.98	56772.61	56728.00781	56962.13127	56902.45313	505172.9	5410553.9
L5170.0	505172.9	5410553.9	21642.00000	413.88	0	48.847934	-86.929491	56740.52	56219	30.98	56771.50	56727.32031	56966.05913	56906.89063	505172.9	5410553.9
L5170.0	505172.9	5410552.6	21642.09961	415.33	0	48.847922	-86.929491	56738.63	56219	30.98	56769.61	56725.85156	56953.56889	56894.91406	505172.9	5410552.6
L5170.0	505172.9	5410551.1	21642.19922	413.76	0	48.847908	-86.929491	56737.18	56219	30.98	56768.16	56724.82031	56951.34587	56893.20703	505172.9	5410551.1
L5170.0	505172.9	5410551.1	21642.30078	414.47	0	48.847908	-86.929491	56735.63	56219	30.99	56766.62	56723.69922	56947.76871	56890.14844	505172.9	5410551.1
L5170.0	505172.9	5410549.5	21642.40039	413.72	0	48.847894	-86.929490	56734.58	56219	30.99	56765.57	56723.06641	56955.51158	56898.41016	505172.9	5410549.5
L5170.0	505173.0	5410548.5	21642.50000	409.99	0	48.847885	-86.929490	56733.05	56219	30.99	56764.04	56721.95313	56953.31978	56896.73438	505173.0	5410548.5
L5170.0	505173.0	5410547.0	21642.59961	413.29	0	48.847872	-86.929490	56731.23	56219	30.99	56762.22	56720.55078	56945.32864	56889.26563	505173.0	5410547.0
L5170.0	505173.0	5410547.0	21642.69922	409.68	0	48.847872	-86.929490	56729.67	56219	30.99	56760.66	56719.40234	56943.55243	56888.00781	505173.0	5410547.0
L5170.0	505173.0	5410545.7	21642.80078	404.91	0	48.847860	-86.929490	56727.39	56219	31.00	56758.38	56717.53516	56926.51440	56871.49219	505173.0	5410545.7
L5170.0	505173.0	5410544.1	21642.90039	404.96	0	48.847845	-86.929490	56726.13	56219	31.00	56757.13	56716.69141	56932.49346	56877.98828	505173.0	5410544.1
L5170.0	505173.0	5410544.1	21643.00000	401.51	0	48.847845	-86.929490	56724.35	56219	31.00	56755.35	56715.32031	56927.31530	56873.32813	505173.0	5410544.1
L5170.0	505173.0	5410542.6	21643.09961	402.61	0	48.847832	-86.929490	56722.96	56219	31.00	56753.96	56714.33203	56931.08914	56877.61719	505173.0	5410542.6
L5170.0	505173.0	5410541.1	21643.19922	403.44	0	48.847819	-86.929490	56720.71	56219	30.99	56751.70	56712.47266	56916.20552	56863.24609	505173.0	5410541.1
L5170.0	505173.0	5410541.1	21643.30078	404.31	0	48.847819	-86.929490	56718.81	56219	30.99	56749.80	56710.97266	56909.55741	56857.10938	505173.0	5410541.1
L5170.0	505173.0	5410539.5	21643.40039	405.15	0	48.847804	-86.929490	56716.71	56219	30.99	56747.70	56709.26953	56898.85587	56846.91406	505173.0	5410539.5
L5170.0	505173.0	5410538.0	21643.50000	407.39	0	48.847791	-86.929490	56714.77	56219	30.99	56745.76	56707.72266	56891.94895	56840.50781	505173.0	5410538.0
L5170.0	505173.0	5410536.8	21643.59961	407.32	0	48.847779	-86.929490	56713.09	56219	30.98	56744.08	56706.42969	56890.99280	56840.05078	505173.0	5410536.8
L5170.0	505173.0	5410535.7	21643.69922	407.26	0	48.847770	-86.929490	56711.20	56219	30.98	56742.18	56704.91797	56885.44737	56834.99609	505173.0	5410535.7
L5170.0	505173.0	5410535.7	21643.69922	407.26	0	48.847770	-86.929490	56709.26	56219	30.98	56740.24	56703.35938	56879.21857	56829.25391	505173.0	5410535.7
L5170.0	505172.9	5410534.4	21643.90039	408.74	0	48.847758	-86.929491	56706.53	56219	30.97	56737.50	56700.99609	56855.63618	56806.15625	505172.9	5410534.4
L5170.0	505172.9	5410532.4	21644.00000	409.29	0	48.847741	-86.929491	56704.68	56219	30.97	56735.65	56699.52344	56851.65719	56802.64844	505172.9	5410532.4
L5170.0	505172.9	5410532.4	21644.09961	410.14	0	48.847741	-86.929491	56702.32	56219	30.97	56733.29	56697.53125	56836.60141	56788.06250	505172.9	5410532.4
L5170.0	505172.9	5410531.1	21644.19922	410.66	0	48.847729	-86.929491	56700.79	56219	30.97	56731.76	56696.37109	56839.76376	56791.68359	505172.9	5410531.1
L5170.0	505172.9	5410529.5	21644.30078	405.61	0	48.847714	-86.929491	56698.60	56219	30.97	56729.57	56694.54297	56828.49320	56780.86719	505172.9	5410529.5
L5170.0	505172.9	5410528.4	21644.40039	405.04	0	48.847704	-86.929491	56696.96	56219	30.97	56727.93	56693.25781	56829.23837	56782.05859	505172.9	5410528.4
L5170.0	505172.9	5410528.4	21644.50000	409.29	0	48.847704	-86.929491	56694.56	56219	30.97	56725.53	56691.21484	56813.28758	56766.54297	505172.9	5410528.4
L5170.0	505172.9	5410526.3	21644.59961	406.93	0	48.847685	-86.929492	56692.09	56219	30.98	56723.06	56689.08984	56795.70675	56749.38672	505172.9	5410526.3
L5170.0	505172.8	5410524.9	21644.69922	406.26	0	48.847673	-86.929492	56690.14	56219	30.98	56721.12	56687.49609	56789.59157	56743.68750	505172.8	5410524.9
L5170.0	505172.8	5410524.9	21644.80078	406.65	0	48.847673	-86.929492	56687.27	56219	30.98	56718.24	56684.95313	56762.72767	56717.23047	505172.8	5410524.9
L5170.0	505172.8	5410522.9	21644.90039	403.37	0	48.847655	-86.929492	56685.63	56219	30.98	56716.61	56683.65625	56763.01393	56717.91406	505172.8	5410522.9
L5170.0	505172.8	5410521.6	21645.00000	404.92	0	48.847643	-86.929492	56683.18	56219	30.98	56714.16	56681.53516	56745.10260	56700.38672	505172.8	5410521.6
L5170.0	505172.8	5410521.6	21645.09961	406.40	0	48.847643	-86.929492	56681.42	56219	30.98	56712.40	56680.09766	56742.00822	56697.66406	505172.8	5410521.6
L5170.0	505172.8	5410519.8	21645.19922	409.01	0	48.847626	-86.929493	56678.96	56219	30.98	56709.94	56677.95703	56723.26768	56679.28516	505172.8	5410519.8
L5170.0	505172.8	5410518.2	21645.30078	408.67	0	48.847612	-86.929493	56676.85	56219	30.98	56707.82	56676.14844	56711.60808	56667.97656	505172.8	5410518.2
L5170.0	505172.8	5410518.2	21645.40039	409.48	0	48.847612	-86.929493	56674.38	56219	30.98	56705.35	56673.98438	56691.88900	56648.59375	505172.8	5410518.2
L5170.0	505172.7	5410517.0	21645.50000	411.45	0	48.847601	-86.929493	56672.44	56219	30.98	56703.41	56672.34375	56683.33588	56640.36328	505172.7	5410517.0
L5170.0	505172.7	5410515.2	21645.59961	410.78	0	48.847585	-86.929494	56670.48	56219	30.97	56701.46	56670.69141	56674.09235	56631.42969	505172.7	5410515.2
L5170.0	505172.7	5410513.8	21645.69922	407.83	0	48.847573	-86.929494	56668.52	56219	30.97	56699.49	56669.00781	56663.90359	56621.53906	505172.7	5410513.8
L5170.0	505172.7	5410513.8	21645.69922	407.83	0	48.847573	-86.929494	56666.50	56219	30.97	56697.48	56667.28125	56652.29638	56610.21484	505172.7	5410513.8
L5170.0	505172.7	5410512.2	21645.90039	411.60	0	48.847559	-86.929494	56664.32	56219	30.97	56695.30	56665.37891	56636.39031	56594.57813	505172.7	5410512.2
L5170.0	505172.7	5410510.9	21646.00000	411.03	0	48.847547	-86.929494	56662.50	56219	30.97	56693.47	56663.82031	56627.53337	56585.97266	505172.7	5410510.9
L5170.0	505172.7	5410510.9	21646.09961	409.06	0	48.847547	-86.929494	56660.11	56219	30.97	56691.08	56661.69141	56605.77312	56564.44922	505172.7	5410510.9
L5170.0	505172.7	5410509.3	21646.19922	409.86	0	48.847532	-86.929494	56658.32	56219	30.97	56689.29	56660.16016	56596.46787	56555.36719	505172.7	5410509.3
L5170.0	505172.7	5410507.8	21646.30078	409.56	0	48.847519	-86.929495	56656.58	56219	30.97	56687.55	56658.67188	56587.54673	56546.65625	505172.7	5410507.8
L5170.0	505172.7	5410506.7	21646.40039	410.62	0	48.847509	-86.929495	56654.98	56219	30.97	56685.94	56657.30469	56580.72966	56540.03125	505172.7	5410506.7
L5170.0	505172.7	5410506.7	21646.50000	410.59	0	48.847509	-86.929495	56652.84	56219	30.97	56683.81	56655.41406	56561.75864	56521.23438	505172.7	5410506.7
L5170.0	505172.6	5410505.3	21646.59961	410.50	0	48.847497	-86.929495	56650.86	56219	30.96	56681.83	56653.66406	56545.26996	56504.90625	505172.6	5410505.3
L5170.0	505172.6	5410503.6	21646.69922	413.31	0	48.847481	-86.929495	56649.42	56219	30.96	56680.38	56652.44141	56539.55314	56499.33203	505172.6	5410503.6
L5170.0	505172.6	5410502.2	21646.80078	413.13	0	48.847468	-86.929496	56647.93	56219	30.96	56678.89	56651.16797	56532.10431	56492.00781	505172.6	5410502.2
L5170.0	505172.6	5410502.2	21646.90039	412.28	0	48.847468	-86.929496	56646.40	56219	30.96	56677.36	56649.84766	56522.89739	56482.91016	505172.6	5410502.2
L5170.0	505172.6	5410501.0	21647.00000	411.79	0	48.847458	-86.929496	56644.74	56219	30.96	56675.70	56648.39453	56509.93743	56470.03906	505172.6	5410501.0
L5170.0	505172.6	5410499.4	21647.09961	411.64	0	48.847443	-86.929496	56643.49	56219	30.96	56674.45	56647.33984	56505.02072	56465.19531	505172.6	5410499.4
L5170.0	505172.6	5410499.4	21647.19922	410.82	0	48.847443	-86.929496	56642.19	56219	30.96	56673.15	56646.23047	56498.05587	56458.28906	505172.6	5410499.4

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5170.0	505172.6	5410497.5	21647.30078	409.15	0	48.847426	-86.929496	56641.18	56219	30.96	56672.14	56645.40625	56496.46389	56456.73438	505172.6	5410497.5
L5170.0	505172.6	5410496.7	21647.40039	409.52	0	48.847419	-86.929496	56639.33	56219	30.96	56670.29	56643.73047	56475.49043	56435.78125	505172.6	5410496.7
L5170.0	505172.6	5410495.3	21647.50000	407.48	0	48.847406	-86.929496	56638.16	56219	30.96	56669.12	56642.73047	56468.38805	56428.68359	505172.6	5410495.3
L5170.0	505172.6	5410495.3	21647.59961	406.60	0	48.847406	-86.929496	56637.04	56219	30.96	56668.00	56641.77344	56461.34959	56421.62891	505172.6	5410495.3
L5170.0	505172.6	5410493.8	21647.69922	403.93	0	48.847393	-86.929496	56636.25	56219	30.96	56667.21	56641.14063	56460.48817	56420.73438	505172.6	5410493.8
L5170.0	505172.6	5410492.3	21647.69922	403.93	0	48.847380	-86.929496	56635.45	56219	30.96	56666.40	56640.47656	56458.12836	56418.32031	505172.6	5410492.3
L5170.0	505172.6	5410490.7	21647.90039	403.68	0	48.847365	-86.929496	56634.69	56219	30.96	56665.65	56639.87109	56456.00841	56416.13281	505172.6	5410490.7
L5170.0	505172.6	5410490.7	21648.00000	404.27	0	48.847365	-86.929496	56634.05	56219	30.96	56665.01	56639.36328	56455.21137	56415.24609	505172.6	5410490.7
L5170.0	505172.6	5410489.2	21648.09961	403.85	0	48.847352	-86.929495	56632.75	56219	30.96	56663.71	56638.19141	56438.87291	56398.80078	505172.6	5410489.2
L5170.0	505172.6	5410489.2	21648.19922	405.55	0	48.847352	-86.929495	56631.93	56219	30.95	56662.89	56637.49219	56431.93798	56391.73828	505172.6	5410489.2
L5170.0	505172.7	5410487.7	21648.30078	403.07	0	48.847338	-86.929495	56631.27	56219	30.95	56662.22	56636.93750	56427.17642	56386.83203	505172.7	5410487.7
L5170.0	505172.7	5410486.3	21648.40039	402.23	0	48.847325	-86.929495	56631.34	56219.1	30.95	56662.29	56637.11328	56437.49734	56396.98828	505172.7	5410486.3
L5170.0	505172.7	5410486.3	21648.50000	404.44	0	48.847325	-86.929495	56631.10	56219.1	30.94	56662.04	56636.96484	56439.69475	56399.00391	505172.7	5410486.3
L5170.0	505172.7	5410484.4	21648.59961	404.51	0	48.847308	-86.929494	56631.01	56219.1	30.94	56661.95	56636.96484	56444.27307	56403.38281	505172.7	5410484.4
L5170.0	505172.8	5410482.7	21648.69922	407.39	0	48.847293	-86.929494	56630.55	56219.1	30.94	56661.49	56636.59375	56439.63052	56398.52344	505172.8	5410482.7
L5170.0	505172.8	5410482.7	21648.80078	410.56	0	48.847293	-86.929494	56630.18	56219.1	30.94	56661.11	56636.29297	56435.61795	56394.27344	505172.8	5410482.7
L5170.0	505172.8	5410481.0	21648.90039	411.56	0	48.847278	-86.929493	56630.06	56219.1	30.93	56661.00	56636.25391	56436.39663	56394.79688	505172.8	5410481.0
L5170.0	505172.8	5410479.4	21649.00000	411.92	0	48.847264	-86.929493	56629.87	56219.1	30.93	56660.80	56636.12109	56434.09048	56392.21875	505172.8	5410479.4
L5170.0	505172.8	5410479.4	21649.09961	408.49	0	48.847264	-86.929493	56630.42	56219.1	30.93	56661.35	56636.73047	56447.09160	56404.92969	505172.8	5410479.4
L5170.0	505172.8	5410477.8	21649.19922	407.86	0	48.847249	-86.929492	56630.02	56219.1	30.93	56660.95	56636.38281	56438.19582	56395.72266	505172.8	5410477.8
L5170.0	505172.9	5410476.3	21649.30078	410.63	0	48.847235	-86.929492	56631.06	56219.1	30.93	56661.99	56637.46875	56459.72599	56416.92578	505172.9	5410476.3
L5170.0	505172.9	5410476.3	21649.40039	410.57	0	48.847235	-86.929492	56631.01	56219.1	30.93	56661.94	56637.45703	56456.31312	56413.16797	505172.9	5410476.3
L5170.0	505172.9	5410474.7	21649.40039	410.57	0	48.847221	-86.929492	56632.04	56219.1	30.93	56662.96	56638.51172	56475.24852	56431.73828	505172.9	5410474.7
L5170.0	505172.9	5410473.5	21649.59961	412.31	0	48.847210	-86.929492	56632.16	56219.1	30.92	56663.09	56638.66797	56473.64273	56429.75391	505172.9	5410473.5
L5170.0	505172.9	5410472.5	21649.69922	410.39	0	48.847201	-86.929492	56632.57	56219.1	30.92	56663.50	56639.10156	56477.11988	56432.83594	505172.9	5410472.5
L5170.0	505172.9	5410471.3	21649.69922	410.39	0	48.847190	-86.929492	56632.97	56219.1	30.92	56663.90	56639.51563	56479.34767	56434.64844	505172.9	5410471.3
L5170.0	505172.9	5410471.3	21649.80078	407.32	0	48.847190	-86.929492	56633.55	56219.1	30.92	56664.47	56640.09375	56484.28293	56439.15234	505172.9	5410471.3
L5170.0	505172.9	5410469.8	21649.90039	406.97	0	48.847177	-86.929492	56634.81	56219.1	30.92	56665.73	56641.35547	56503.32600	56457.74609	505172.9	5410469.8
L5170.0	505172.9	5410468.4	21650.00000	411.36	0	48.847165	-86.929492	56635.25	56219.1	30.92	56666.17	56641.79297	56503.44400	56457.40234	505172.9	5410468.4
L5170.0	505172.9	5410466.9	21650.19922	411.87	0	48.847150	-86.929492	56636.43	56219.1	30.91	56667.34	56642.95313	56518.58530	56472.06250	505172.9	5410466.9
L5170.0	505172.9	5410466.9	21650.30078	409.49	0	48.847150	-86.929492	56637.16	56219.1	30.91	56668.07	56643.66797	56523.16165	56476.14453	505172.9	5410466.9
L5170.0	505172.9	5410465.5	21650.40039	408.35	0	48.847138	-86.929491	56638.62	56219.1	30.90	56669.52	56645.09766	56542.58703	56495.05469	505172.9	5410465.5
L5170.0	505172.9	5410465.5	21650.50000	409.21	0	48.847138	-86.929491	56639.36	56219.1	30.90	56670.26	56645.80859	56545.58430	56497.52344	505172.9	5410465.5
L5170.0	505173.0	5410463.2	21650.59961	408.34	0	48.847118	-86.929491	56640.57	56219.1	30.90	56671.47	56646.98828	56558.00733	56509.40625	505173.0	5410463.2
L5170.0	505173.0	5410461.6	21650.69922	407.77	0	48.847103	-86.929491	56641.69	56219.1	30.89	56672.58	56648.06250	56567.40546	56518.24609	505173.0	5410461.6
L5170.0	505173.0	5410460.2	21650.80078	410.00	0	48.847091	-86.929491	56642.68	56219.1	30.89	56673.56	56649.00000	56573.14892	56523.41797	505173.0	5410460.2
L5170.0	505173.0	5410460.2	21650.90039	410.87	0	48.847091	-86.929491	56644.04	56219.1	30.88	56674.92	56650.31250	56586.42886	56536.10938	505173.0	5410460.2
L5170.0	505173.0	5410458.5	21651.00000	410.89	0	48.847075	-86.929490	56645.13	56219.1	30.88	56676.00	56651.33984	56592.82725	56541.91016	505173.0	5410458.5
L5170.0	505173.0	5410458.5	21651.09961	410.26	0	48.847075	-86.929490	56647.09	56219.1	30.88	56677.98	56653.26172	56618.20240	56566.67188	505173.0	5410458.5
L5170.0	505173.0	5410456.9	21651.19922	410.08	0	48.847061	-86.929490	56648.26	56219.1	30.88	56679.15	56654.37109	56625.15443	56572.99609	505173.0	5410456.9
L5170.0	505173.1	5410455.5	21651.30078	407.02	0	48.847048	-86.929490	56650.48	56219.1	30.89	56681.36	56656.51563	56654.20860	56601.41016	505173.1	5410455.5
L5170.0	505173.1	5410455.5	21651.40039	404.76	0	48.847048	-86.929490	56651.48	56219.1	30.89	56682.36	56657.44531	56656.14632	56602.69531	505173.1	5410455.5
L5170.0	505173.1	5410454.1	21651.50000	404.78	0	48.847036	-86.929490	56652.99	56219.1	30.89	56683.88	56658.89063	56668.86734	56614.75000	505173.1	5410454.1
L5170.0	505173.1	5410452.8	21651.59961	403.76	0	48.847024	-86.929490	56654.21	56219.1	30.89	56685.10	56660.03125	56674.45522	56619.66016	505173.1	5410452.8
L5170.0	505173.1	5410451.1	21651.69922	408.26	0	48.847009	-86.929490	56655.70	56219.1	30.89	56686.59	56661.43750	56685.41953	56629.93750	505173.1	5410451.1
L5170.0	505173.1	5410449.7	21651.69922	408.26	0	48.846997	-86.929489	56657.14	56219.1	30.89	56688.04	56662.80078	56695.00799	56638.82813	505173.1	5410449.7
L5170.0	505173.1	5410449.7	21651.90039	406.23	0	48.846997	-86.929489	56658.41	56219.1	30.90	56689.31	56663.98047	56700.18975	56643.29688	505173.1	5410449.7
L5170.0	505173.1	5410448.4	21652.00000	407.69	0	48.846985	-86.929489	56660.52	56219.1	30.90	56691.42	56665.99609	56723.32535	56665.71094	505173.1	5410448.4
L5170.0	505173.1	5410448.4	21652.09961	407.88	0	48.846985	-86.929489	56661.95	56219.1	30.90	56692.85	56667.32813	56731.17773	56672.83594	505173.1	5410448.4
L5170.0	505173.1	5410446.6	21652.19922	406.97	0	48.846968	-86.929489	56663.85	56219.1	30.90	56694.75	56669.12500	56748.95332	56689.87109	505173.1	5410446.6
L5170.0	505173.1	5410445.5	21652.30078	409.54	0	48.846958	-86.929489	56664.63	56219.1	30.89	56695.53	56669.80078	56741.88310	56682.05078	505173.1	5410445.5
L5170.0	505173.2	5410444.1	21652.40039	408.58	0	48.846946	-86.929489	56666.18	56219.1	30.89	56697.07	56671.23438	56751.15252	56690.56250	505173.2	5410444.1
L5170.0	505173.2	5410444.1	21652.50000	407.33	0	48.846946	-86.929489	56667.35	56219.1	30.89	56698.24	56672.29297	56752.06145	56690.70313	505173.2	5410444.1
L5170.0	505173.2	5410442.5	21652.59961	405.03	0	48.846932	-86.929488	56669.40	56219.1	30.89	56700.29	56674.23047	56772.00523	56709.87500	505173.2	5410442.5
L5170.0	505173.2	5410442.5	21652.69922	408.27	0	48.846932	-86.929488	56671.39	56219.1	30.89	56702.27	56676.09375	56790.22354	56727.31250	505173.2	5410442.5
L5170.0	505173.2	5410441.2	21652.80078	407.85	0	48.846920	-86.929488	56673.52	56219.1	30.88	56704.40	56678.10547	56811.56585	56747.86719	505173.2	5410441.2
L5170.0	505173.2	5410439.3	21652.90039	407.34	0	48.846903	-86.929488	56675.13	56219.1	30.88	56706.01	56679.59375	56821.40032	56756.90625	505173.2	5410439.3
L5170.0	505173.2	5410437.8	21653.00000	409.56	0	48.846889	-86.929488	56676.34	56219.1	30.88	56707.22	56680.67969	56822.38701	56757.08984	505173.2	5410437.8
L5170.0	505173.2	5410437.8	21653.09961	412.12	0	48.846889	-86.929488	56677.87	56219.1	30.88	56708.75	56682.08594	56830.31901	56764.21484	505173.2	5410437.8
L5170.0	505173.2	5410436.5	21653.19922	412.91	0	48.846878	-86.929488	56678.96	56219.1	30.87	56709.83	56683.03906	56828.37459	56761.46094	505173.2	5410436.5
L5170.0	505173.2	5410435.2	21653.30078	407.31	0	48.846866	-86.929488	56680.55	56219.1	30.86	56711.42	56684.50000	56837.59935	56769.86719	505173.2	5410435.2
L5170.0	505173.2	5410433.6	21653.40039	405.46	0	48.846852	-86.929488	56681.84	56219.1	30.86	56712.70	56685.65234	56840.07622	56771.52344	505173.2	5410433.6
L5170.0	505173.2	5410433.6	21653.50000	409.20	0	48.846852	-86.929488	56683.43	56219.1	30.85	56714.29	56687.10938	56849.40761	56780.03125	505173.2	5410433.6
L5170.0	505173.2	5410432.0	21653.59961	412.39	0	48.846837	-86.929488	56684.84	56219.2	30.85	56715.69	56688.37500	56854.67985	56784.47266	505173.2	5410432.0
L5170.0	505173.2	5410430.7	21653.69922	411.24	0	48.846826	-86.929489	56686.51	56219.2	30.85	56717.36	56689.91406	56865.99199	56794.95703	505173.2	5410430.7
L5170.0	505173.2	5410430.7	21653.69922	411.24	0	48.846826	-86.929489	56687.83	56219.2	30.85	56718.68	56691.09766	56869.80247	56797.93359	505173.2	5410430.7
L5170.0	505173.2	5410429.4	21653.90039	412.29	0	48.846814	-86.929489	56689.54	56219.2	30.83	56720.37	56692.65234	56881.90019	56809.19141	505173.2	5410429.4
L5170.0	505173.1	5410428.3	21654.00000	411.42	0	48.846803	-86.929489	56691.09	56219.2	30.83	56721.92	56694.06641	56891.15002	56817.60547	505173.1	5410428.3
L5170.0	505173.1	5410428.3	21654.09961	410.47	0	48.846803	-86.929489	56692.26	56219.2	30.83	56723.09	56695.09766	56892.32612	56817.94141	505173.1	5410428.3
L5170.0	505173.1	5410426.7	21654.19922	410.80	0	48.846789	-86.929489	56693.61	56219.2	30.83	56724.44	56696.31250	56897.71300	56822.48828	505173.1	5410426.7
L5170.0	505173.1	5410425.4	21654.30078	409.07	0	48.846778	-86.929490	56695.02	56219.2	30.83	56725.85	56697.58594	56904.71000	56828.64844	505173.1	5410425.4
L5170.0	505173.1	5410424.1	21654.40039	409.49	0	48.846766	-86.929490	56696.42	56219.2	30.83	56727.25	56698.84766	56911.81006	56834.90625	505173.1	5410424.1
L5170.0	505173.1	5410422.5	21654.50000	408.21	0	48.846751	-86.929490	56697.32	56219.2	30.83	56728.15	56699.60938	56908.31202	56830.57031	505173.1	5410422.5
L5170.0	505173.1	5410422.5	21654.59961	405.61	0	48.846751	-86.929490	56698.60	56219.2	30.83	56729.43	56700.75391	56913.50163	56834.92188	505173.1	5410422.5
L5170.0	505173.1	5410420.7	21654.69922	405.21	0	48.846735	-86.929490	56700.04	56219.2	30.83	56730.87	56702.05859	56922.58605	56843.16797	505173.1	5410420.7
L5170.0	505173.1	5410419.3	21654.80078	405.73	0	48.846722	-86.929490	56700.99	56219.2	30.83	56731.82	56702.87109	56921.35933	56841.10938	505173.1	5410419.3
L5170.0	505173.1	5410419.3	21654.90039	405.85	0	48.846722	-86.929490	56702.14	56219.2	30.83	56732.97	56703.88672	56924.94578	56843.86328	505173.1	5410419.3
L5170.0	505173.1	5410417.7	21655.00000	405.73	0	48.846708	-86.929490	56703.34	56219.2	30.83	56734.17	56704.95313	56930.08215	56848.16797	505173.1	5410417.7
L5170.0	505173.1	5410416.1	21655.09961	406.81	0	48.846694	-86.929490	56704.51	56219.2	30.83	56735.34	56705.98828	56935.03653	56852.29688	505173.1	5410416.1
L5170.0	505173.1	5410416.1	21655.19922	407.08	0	48.846694	-86.929490	56705.49	56219.2	30.82	56736.32	56706.83594	56936.32501	56852.76172	505173.1	5410416.1
L5170.0	505173.1	5410414.3	21655.30078	413.83	0	48.846678	-86.929490	56706.54	56219.2	30.82	56737.36	56707.74609	56939.43724	56855.05859	505173.1	5410414.3
L5170.0	505173.1	5410413.0	21655.40039	415.08	0	48.846666	-86.929490	56707.56	56219.2	30.82	56738.38	56708.63672	56942.63862	56857.44531	505173.1	5410413.0
L5170.0	505173.1	5410411.4	21655.50000	408.27	0	48.846652	-86.929490	56708.46	56219.2	30.82	56739.28	56709.40625	56943.75589	56857.75391	505173.1	5410411.4
L5170.0	505173.1	5410411.4	21655.59961	409.55	0	48.846652	-86.929490	56709.32	56219.2	30.81	56740.13	56710.12891	56944.33603	56857.53125	505173.1	5410411.4
L5170.0	505173.1	5410409.8	21655.69922	407.04	0	48.846637	-86.929490	56709.99	56219.2	30.81	56740.80	56710.67578	56941.54733	56853.94531	505173.1	5410409.8
L5170.0	505173.1	5410409.8	21655.69922	407.04	0	48.846637	-86.929490	56710.95	56219.2	30.81	56741.76	56711.51172	56945.69055	56857.29688	505173.1	5410409.8
L5170.0	505173.1	5410407.1	21655.90039	415.43	0	48.846613	-86.929490	56711.76	56219.2	30.80	56742.56	56712.19141	56946.92782	56857.75000	505173.1	5410407.1
L5170.0	505173.1	5410407.1	21656.00000	414.16	0	48.846613	-86.929490	56712.67	56219.2	30.80	56743.47	56712.98438	56951.18041	56861.22266	505173.1	5410407.1
L5170.0	505173.1	5410405.1	21656.09961	413.20	0	48.846595	-86.929490	56713.12	56219.2	30.80	56743.92	56713.31641	56945.98206	56855.25391	505173.1	5410405.1
L5170.0	505173.1	5410405.1	21656.19922	412.98	0	48.846595	-86.929490	56713.98	56219.2	30.80	56744.78	56714.06641	56950.38572	56858.89844	505173.1	5410405.1
L5170.0	505173.1	5410403.4	21656.30078	411.84	0	48.846579	-86.929489	56714.64	56219.2	30.80	56745.45	56714.62500	56951.26683	56859.02344	505173.1	5410403.4
L5170.0	505173.1	5410401.9	21656.40039	411.80	0	48.846566	-86.929489	56715.39	56219.2	30.80	56746.19	56715.25391	56954.32451	56861.33594	505173.1	5410401.9
L5170.0	505173.1	5410400.5	21656.50000	411.51	0	48.846553	-86.929489	56715.68	56219.2	30.80	56746.48	56715.44141	56948.18376	56854.46094	505173.1	5410400.5

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5170.0	505173.1	5410400.5	21656.59961	415.48	0	48.846553	-86.929489	56716.08	56219.2	30.80	56746.88	56715.73828	56945.10881	56850.65625	505173.1	5410400.5
L5170.0	505173.1	5410399.1	21656.69922	414.54	0	48.846541	-86.929489	56716.50	56219.2	30.80	56747.30	56716.05859	56943.13542	56847.96875	505173.1	5410399.1
L5170.0	505173.1	5410397.6	21656.80078	411.86	0	48.846528	-86.929490	56717.09	56219.2	30.80	56747.89	56716.55078	56945.55195	56849.67578	505173.1	5410397.6
L5170.0	505173.1	5410397.6	21656.90039	412.17	0	48.846528	-86.929490	56717.76	56219.2	30.80	56748.56	56717.12891	56950.39274	56853.82031	505173.1	5410397.6
L5170.0	505173.1	5410395.7	21657.00000	411.40	0	48.846511	-86.929490	56718.27	56219.2	30.80	56749.07	56717.54688	56952.40814	56855.14844	505173.1	5410395.7
L5170.0	505173.1	5410394.4	21657.09961	410.94	0	48.846499	-86.929490	56718.64	56219.2	30.80	56749.44	56717.83203	56952.03897	56854.10547	505173.1	5410394.4
L5170.0	505173.1	5410394.4	21657.19922	410.18	0	48.846499	-86.929490	56718.45	56219.2	30.80	56749.25	56717.55859	56940.09435	56841.50000	505173.1	5410394.4
L5170.0	505173.1	5410393.0	21657.30078	410.80	0	48.846486	-86.929490	56718.78	56219.2	30.80	56749.58	56717.81250	56940.21612	56840.96875	505173.1	5410393.0
L5170.0	505173.1	5410391.5	21657.40039	409.47	0	48.846472	-86.929490	56719.03	56219.2	30.80	56749.82	56717.97656	56939.05337	56839.16797	505173.1	5410391.5
L5170.0	505173.1	5410391.5	21657.50000	409.93	0	48.846472	-86.929490	56719.52	56219.2	30.79	56750.31	56718.39453	56944.04909	56843.53516	505173.1	5410391.5
L5170.0	505173.1	5410389.9	21657.59961	410.92	0	48.846458	-86.929490	56719.73	56219.2	30.79	56750.53	56718.54688	56943.82131	56842.69141	505173.1	5410389.9
L5170.0	505173.1	5410388.1	21657.69922	408.66	0	48.846442	-86.929490	56719.77	56219.2	30.79	56750.56	56718.51172	56940.12096	56838.39063	505173.1	5410388.1
L5170.0	505173.1	5410387.1	21657.69922	408.66	0	48.846433	-86.929490	56719.88	56219.2	30.79	56750.67	56718.56250	56938.85737	56836.53906	505173.1	5410387.1
L5170.0	505173.1	5410387.1	21657.90039	411.36	0	48.846433	-86.929490	56719.98	56219.2	30.79	56750.77	56718.60938	56938.05948	56835.16797	505173.1	5410387.1
L5170.0	505173.1	5410385.4	21658.00000	409.73	0	48.846418	-86.929490	56720.13	56219.2	30.79	56750.92	56718.70703	56939.03916	56835.58594	505173.1	5410385.4
L5170.0	505173.1	5410384.4	21658.09961	406.60	0	48.846409	-86.929490	56719.98	56219.2	30.79	56750.76	56718.50391	56933.91459	56829.91406	505173.1	5410384.4
L5170.0	505173.1	5410383.1	21658.19922	406.93	0	48.846397	-86.929490	56720.21	56219.2	30.78	56750.99	56718.69141	56938.00583	56833.47656	505173.1	5410383.1
L5170.0	505173.1	5410381.5	21658.30078	406.58	0	48.846383	-86.929491	56720.11	56219.2	30.78	56750.89	56718.55469	56935.55041	56830.50391	505173.1	5410381.5
L5170.0	505173.1	5410381.5	21658.40039	405.34	0	48.846383	-86.929491	56720.08	56219.2	30.78	56750.86	56718.49219	56935.30114	56829.75000	505173.1	5410381.5
L5170.0	505173.1	5410380.0	21658.50000	403.39	0	48.846369	-86.929491	56719.53	56219.2	30.78	56750.30	56717.90234	56924.12168	56818.08594	505173.1	5410380.0
L5170.0	505173.1	5410378.9	21658.59961	403.17	0	48.846359	-86.929491	56719.54	56219.2	30.77	56750.31	56717.89063	56926.08656	56819.57813	505173.1	5410378.9
L5170.0	505173.1	5410378.9	21658.69922	403.96	0	48.846359	-86.929491	56719.39	56219.2	30.77	56750.16	56717.72266	56925.21344	56818.24609	505173.1	5410378.9
L5170.0	505173.1	5410376.9	21658.80078	407.75	0	48.846341	-86.929491	56719.62	56219.2	30.77	56750.39	56717.93750	56933.31870	56825.91406	505173.1	5410376.9
L5170.0	505173.1	5410375.5	21658.90039	407.28	0	48.846328	-86.929491	56719.25	56219.2	30.76	56750.01	56717.55078	56928.72854	56820.89844	505173.1	5410375.5
L5170.0	505173.1	5410374.1	21659.00000	406.91	0	48.846316	-86.929491	56718.88	56219.2	30.76	56749.64	56717.17578	56925.01014	56816.76953	505173.1	5410374.1
L5170.0	505173.1	5410374.1	21659.09961	407.37	0	48.846316	-86.929491	56718.53	56219.2	30.76	56749.29	56716.82813	56922.37832	56813.74609	505173.1	5410374.1
L5170.0	505173.1	5410372.3	21659.19922	407.35	0	48.846300	-86.929491	56718.36	56219.2	30.76	56749.12	56716.66406	56924.33117	56815.32422	505173.1	5410372.3
L5170.0	505173.1	5410372.3	21659.30078	409.69	0	48.846300	-86.929491	56718.22	56219.2	30.76	56748.98	56716.53516	56927.58112	56818.21484	505173.1	5410372.3
L5170.0	505173.1	5410371.0	21659.40039	410.70	0	48.846288	-86.929491	56717.76	56219.2	30.76	56748.52	56716.09375	56924.46275	56814.75391	505173.1	5410371.0
L5170.0	505173.1	5410369.9	21659.50000	412.64	0	48.846278	-86.929491	56717.38	56219.2	30.76	56748.14	56715.73828	56923.72729	56813.69531	505173.1	5410369.9
L5170.0	505173.1	5410368.3	21659.59961	409.96	0	48.846264	-86.929491	56716.86	56219.2	30.76	56747.62	56715.24219	56920.55479	56810.21484	505173.1	5410368.3
L5170.0	505173.1	5410368.3	21659.69922	411.70	0	48.846264	-86.929491	56716.49	56219.2	30.76	56747.25	56714.90625	56921.28866	56810.65625	505173.1	5410368.3
L5170.0	505173.1	5410366.9	21659.69922	411.70	0	48.846252	-86.929491	56716.02	56219.2	30.76	56746.78	56714.47656	56920.45228	56809.54688	505173.1	5410366.9
L5170.0	505173.1	5410365.5	21659.90039	412.22	0	48.846239	-86.929491	56715.57	56219.2	30.76	56746.33	56714.07031	56920.66791	56809.50781	505173.1	5410365.5
L5170.0	505173.1	5410364.1	21660.00000	411.49	0	48.846227	-86.929491	56715.16	56219.2	30.76	56745.92	56713.70703	56922.36898	56810.97266	505173.1	5410364.1
L5170.0	505173.1	5410364.1	21660.09961	411.39	0	48.846227	-86.929491	56715.02	56219.2	30.76	56745.78	56713.62109	56930.58558	56818.96875	505173.1	5410364.1
L5170.0	505173.1	5410362.6	21660.19922	411.86	0	48.846213	-86.929490	56714.36	56219.2	30.76	56745.12	56713.02344	56928.02118	56816.20313	505173.1	5410362.6
L5170.0	505173.1	5410361.2	21660.30078	411.09	0	48.846200	-86.929490	56713.43	56219.2	30.76	56744.19	56712.15625	56920.14373	56808.14063	505173.1	5410361.2
L5170.0	505173.1	5410361.2	21660.40039	412.37	0	48.846200	-86.929490	56712.68	56219.2	30.76	56743.44	56711.48047	56916.79901	56804.62891	505173.1	5410361.2
L5170.0	505173.1	5410359.6	21660.50000	413.04	0	48.846186	-86.929490	56712.26	56219.2	30.76	56743.02	56711.13672	56921.26619	56808.94922	505173.1	5410359.6
L5170.0	505173.2	5410358.3	21660.59961	407.98	0	48.846174	-86.929490	56711.99	56219.2	30.76	56742.75	56710.94922	56929.60114	56817.15234	505173.2	5410358.3
L5170.0	505173.2	5410356.6	21660.69922	407.76	0	48.846159	-86.929489	56711.22	56219.2	30.76	56741.98	56710.26563	56927.57202	56815.01172	505173.2	5410356.6
L5170.0	505173.2	5410356.6	21660.80078	410.18	0	48.846159	-86.929489	56710.57	56219.2	30.76	56741.33	56709.70703	56928.74593	56816.09375	505173.2	5410356.6
L5170.0	505173.2	5410355.2	21660.90039	411.80	0	48.846146	-86.929489	56709.54	56219.2	30.76	56740.30	56708.77734	56922.17447	56809.44922	505173.2	5410355.2
L5170.0	505173.2	5410353.8	21661.00000	411.34	0	48.846133	-86.929489	56709.17	56219.2	30.76	56739.93	56708.51172	56930.61817	56817.83594	505173.2	5410353.8
L5170.0	505173.2	5410353.8	21661.09961	407.73	0	48.846133	-86.929489	56708.18	56219.2	30.76	56738.93	56707.62109	56925.83653	56813.01563	505173.2	5410353.8
L5170.0	505173.3	5410352.1	21661.19922	408.48	0	48.846118	-86.929489	56707.29	56219.2	30.76	56738.04	56706.84766	56924.02349	56811.18359	505173.3	5410352.1
L5170.0	505173.3	5410350.5	21661.30078	410.98	0	48.846104	-86.929488	56706.38	56219.2	30.75	56737.13	56706.05859	56922.32974	56809.48828	505173.3	5410350.5
L5170.0	505173.3	5410349.4	21661.40039	408.40	0	48.846094	-86.929488	56705.71	56219.2	30.75	56736.46	56705.51563	56926.44264	56813.62109	505173.3	5410349.4
L5170.0	505173.3	5410349.4	21661.50000	406.29	0	48.846094	-86.929488	56705.20	56219.3	30.75	56735.95	56705.14063	56934.60738	56821.82031	505173.3	5410349.4
L5170.0	505173.3	5410347.7	21661.59961	403.54	0	48.846078	-86.929488	56704.24	56219.3	30.75	56734.99	56704.31641	56933.46803	56820.73438	505173.3	5410347.7
L5170.0	505173.3	5410346.0	21661.69922	400.21	0	48.846064	-86.929487	56703.26	56219.3	30.75	56734.01	56703.48047	56932.43314	56819.77344	505173.3	5410346.0
L5170.0	505173.4	5410344.7	21661.69922	400.21	0	48.846052	-86.929487	56701.88	56219.3	30.75	56732.63	56702.25000	56923.18125	56810.61328	505173.4	5410344.7
L5170.0	505173.4	5410344.7	21661.90039	401.62	0	48.846052	-86.929487	56700.99	56219.3	30.74	56731.73	56701.50391	56924.97089	56812.51172	505173.4	5410344.7
L5170.0	505173.4	5410343.3	21662.00000	403.36	0	48.846039	-86.929487	56700.18	56219.3	30.74	56730.92	56700.85547	56929.26168	56816.92969	505173.4	5410343.3
L5170.0	505173.4	5410342.0	21662.09961	404.40	0	48.846027	-86.929487	56699.24	56219.3	30.74	56729.97	56700.07031	56931.01544	56818.82813	505173.4	5410342.0
L5170.0	505173.4	5410340.5	21662.19922	407.10	0	48.846014	-86.929486	56698.15	56219.3	30.73	56728.88	56699.14844	56930.22840	56818.20703	505173.4	5410340.5
L5170.0	505173.4	5410340.5	21662.30078	407.07	0	48.846014	-86.929486	56696.89	56219.3	30.73	56727.63	56698.07813	56926.45893	56814.62109	505173.4	5410340.5
L5170.0	505173.4	5410339.2	21662.40039	407.63	0	48.846002	-86.929486	56696.16	56219.3	30.73	56726.89	56697.51953	56934.36869	56822.73047	505173.4	5410339.2
L5170.0	505173.4	5410339.2	21662.50000	406.69	0	48.846002	-86.929486	56694.71	56219.3	30.72	56725.44	56696.25781	56927.24926	56815.82813	505173.4	5410339.2
L5170.0	505173.5	5410337.3	21662.59961	405.76	0	48.845985	-86.929486	56693.64	56219.3	30.72	56724.36	56695.36719	56928.73658	56817.55078	505173.5	5410337.3
L5170.0	505173.5	5410335.8	21662.69922	406.28	0	48.845972	-86.929486	56692.09	56219.3	30.72	56722.81	56694.01563	56920.43979	56809.50781	505173.5	5410335.8
L5170.0	505173.5	5410334.5	21662.80078	407.68	0	48.845960	-86.929486	56691.12	56219.3	30.72	56721.83	56693.23828	56925.11907	56814.46094	505173.5	5410334.5
L5170.0	505173.5	5410334.5	21662.90039	406.32	0	48.845960	-86.929486	56689.48	56219.3	30.71	56720.19	56691.80859	56915.84665	56805.48047	505173.5	5410334.5
L5170.0	505173.5	5410332.9	21663.00000	408.99	0	48.845945	-86.929486	56688.62	56219.3	30.71	56719.33	56691.16016	56924.13798	56814.07813	505173.5	5410332.9
L5170.0	505173.5	5410331.4	21663.09961	411.30	0	48.845932	-86.929485	56687.32	56219.3	30.71	56718.03	56690.08203	56923.28391	56813.54688	505173.5	5410331.4
L5170.0	505173.5	5410330.2	21663.19922	412.38	0	48.845921	-86.929485	56686.06	56219.3	30.71	56716.77	56689.04297	56923.78621	56814.39063	505173.5	5410330.2
L5170.0	505173.5	5410330.2	21663.30078	410.60	0	48.845921	-86.929485	56684.81	56219.3	30.71	56715.52	56688.02344	56924.98317	56815.94531	505173.5	5410330.2
L5170.0	505173.5	5410328.9	21663.40039	410.85	0	48.845910	-86.929485	56682.87	56219.3	30.71	56713.58	56686.31641	56911.54732	56802.88672	505173.5	5410328.9
L5170.0	505173.5	5410327.5	21663.50000	411.72	0	48.845897	-86.929485	56681.68	56219.3	30.71	56712.39	56685.36719	56914.99322	56806.72656	505173.5	5410327.5
L5170.0	505173.6	5410326.5	21663.59961	414.27	0	48.845888	-86.929485	56680.34	56219.3	30.72	56711.06	56684.28125	56915.83409	56807.97656	505173.6	5410326.5
L5170.0	505173.6	5410326.5	21663.69922	413.26	0	48.845888	-86.929485	56679.12	56219.3	30.72	56709.83	56683.29688	56919.31740	56811.88281	505173.6	5410326.5
L5170.0	505173.6	5410324.9	21663.69922	413.26	0	48.845874	-86.929485	56676.87	56219.3	30.72	56707.59	56681.31250	56901.14035	56794.14844	505173.6	5410324.9
L5170.0	505173.6	5410323.4	21663.90039	414.57	0	48.845860	-86.929484	56675.73	56219.3	30.72	56706.45	56680.42969	56907.48217	56800.94922	505173.6	5410323.4
L5170.0	505173.6	5410321.7	21664.00000	413.32	0	48.845845	-86.929484	56673.88	56219.3	30.72	56704.60	56678.84375	56898.71736	56792.66016	505173.6	5410321.7
L5170.0	505173.6	5410321.7	21664.09961	412.30	0	48.845845	-86.929484	56672.46	56219.3	30.72	56703.18	56677.69141	56899.79241	56794.22266	505173.6	5410321.7
L5170.0	505173.6	5410320.2	21664.19922	410.36	0	48.845831	-86.929484	56670.88	56219.3	30.72	56701.59	56676.37500	56897.56688	56792.50391	505173.6	5410320.2
L5170.0	505173.6	5410318.7	21664.30078	407.63	0	48.845818	-86.929484	56669.45	56219.3	30.71	56700.16	56675.21875	56899.25670	56794.71484	505173.6	5410318.7
L5170.0	505173.6	5410318.7	21664.40039	404.51	0	48.845818	-86.929484	56667.66	56219.3	30.71	56698.37	56673.71094	56893.47202	56789.46875	505173.6	5410318.7
L5170.0	505173.6	5410317.0	21664.50000	404.91	0	48.845803	-86.929484	56665.45	56219.3	30.71	56696.15	56671.77734	56878.67267	56775.21875	505173.6	5410317.0
L5170.0	505173.6	5410317.0	21664.59961	405.51	0	48.845803	-86.929484	56663.95	56219.3	30.71	56694.66	56670.57813	56880.24155	56777.35547	505173.6	5410317.0
L5170.0	505173.6	5410315.2	21664.69922	403.41	0	48.845787	-86.929484	56662.08	56219.3	30.71	56692.78	56668.99219	56873.65463	56771.34766	505173.6	5410315.2
L5170.0	505173.6	5410313.6	21664.80078	403.19	0	48.845772	-86.929484	56660.68	56219.3	30.70	56691.39	56667.89844	56878.16535	56776.45313	505173.6	5410313.6
L5170.0	505173.6	5410312.3	21664.90039	401.80	0	48.845760	-86.929484	56658.53	56219.3	30.70	56689.23	56666.04297	56866.18464	56765.08203	505173.6	5410312.3
L5170.0	505173.6	5410312.3	21665.00000	401.46	0	48.845760	-86.929484	56656.86	56219.3	30.70	56687.56	56664.67578	56865.28318	56764.80469	505173.6	5410312.3
L5170.0	505173.6	5410312.3	21665.09961	403.86	0	48.845760	-86.929484	56654.82	56219.3	30.70	56685.52	56662.94922	56856.62688	56756.78516	505173.6	5410312.3
L5170.0	505173.6	5410308.9	21665.19922	404.33	0	48.845729	-86.929484	56653.20	56219.3	30.70	56683.89	56661.63281	56857.27919	56758.08594	505173.6	5410308.9
L5170.0	505173.6	5410308.9	21665.30078	401.37	0	48.845729	-86.929484	56651.43	56219.3	30.69	56682.12	56660.17969	56855.19105	56756.66016	505173.6	5410308.9
L5170.0	505173.6	5410307.3	21665.40039	399.73	0	48.845715	-86.929484	56649.36	56219.3	30.69	56680.05	56658.42969	56846.84977	56748.99609	505173.6	5410307.3
L5170.0	505173.6	5410307.3	21665.50000	401.50	0	48.845715	-86.929484	56647.52	56219.3	30.69	56678.21	56656.91797	56843.84577	56746.67969	505173.6	5410307.3
L5170.0	505173.6	5410305.7	21665.59961	401.01	0	48.845701	-86.929484	56645.05	56219.3	30.69	56675.74	56654.77344	56827.34364	56730.87500	505173.6	5410305.7
L5170.0	505173.6	5410304.1	21665.69922	405.33	0	48.845686	-86.929484	56643.42	56219.3	30.69	56674.10	56653.46875	56829.28993	56733.53516	505173.6	5410304.1
L5170.0	505173.6	5410304.1	21665.69922	405.33	0	48.845686	-86.929484	56641.15	56219.3	30.69	56671.83	56651.53125	56817.71540	56722.68359	505173.6	5410304.1

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5170.0	505173.6	5410302.5	21665.90039	409.57	0	48.845672	-86.929485	56639.33	56219.3	30.68	56670.01	56650.05078	56816.24837	56721.95313	505173.6	5410302.5
L5170.0	505173.6	5410301.0	21666.00000	409.78	0	48.845658	-86.929485	56637.12	56219.3	30.68	56667.80	56648.18359	56806.49025	56712.93750	505173.6	5410301.0
L5170.0	505173.6	5410301.0	21666.09961	410.85	0	48.845658	-86.929485	56635.56	56219.3	30.68	56666.24	56646.96875	56811.19338	56718.39844	505173.6	5410301.0
L5170.0	505173.6	5410299.2	21666.19922	414.54	0	48.845643	-86.929485	56633.46	56219.3	30.68	56664.14	56645.21875	56804.29764	56712.26953	505173.6	5410299.2
L5170.0	505173.6	5410297.6	21666.30078	416.35	0	48.845628	-86.929485	56631.05	56219.3	30.68	56661.72	56643.14844	56790.60608	56699.35547	505173.6	5410297.6
L5170.0	505173.6	5410297.6	21666.40039	416.46	0	48.845628	-86.929485	56629.02	56219.3	30.68	56659.69	56641.47266	56785.64714	56695.18359	505173.6	5410297.6
L5170.0	505173.5	5410296.3	21666.50000	416.87	0	48.845616	-86.929485	56626.65	56219.3	30.68	56657.33	56639.46875	56773.64799	56683.98047	505173.5	5410296.3
L5170.0	505173.5	5410294.5	21666.59961	415.67	0	48.845600	-86.929485	56624.62	56219.3	30.67	56655.29	56637.78906	56768.82341	56679.96094	505173.5	5410294.5
L5170.0	505173.5	5410294.5	21666.69922	413.32	0	48.845600	-86.929485	56622.48	56219.3	30.67	56653.16	56636.01953	56762.18586	56674.13672	505173.5	5410294.5
L5170.0	505173.5	5410293.1	21666.80078	411.39	0	48.845587	-86.929486	56620.96	56219.3	30.67	56651.63	56634.85547	56768.82545	56681.59766	505173.5	5410293.1
L5170.0	505173.5	5410291.5	21666.90039	408.98	0	48.845573	-86.929486	56618.58	56219.3	30.67	56649.25	56632.83984	56756.98999	56670.59375	505173.5	5410291.5
L5170.0	505173.5	5410291.5	21667.00000	407.46	0	48.845573	-86.929486	56616.72	56219.3	30.67	56647.39	56631.35156	56756.65387	56671.09375	505173.5	5410291.5
L5170.0	505173.5	5410290.1	21667.09961	404.88	0	48.845561	-86.929486	56614.30	56219.3	30.67	56644.97	56629.30078	56744.16364	56659.44922	505173.5	5410290.1
L5170.0	505173.5	5410288.8	21667.19922	403.45	0	48.845549	-86.929486	56612.46	56219.3	30.67	56643.13	56627.83203	56744.45915	56660.59766	505173.5	5410288.8
L5170.0	505173.5	5410287.7	21667.30078	405.35	0	48.845539	-86.929486	56610.06	56219.3	30.67	56640.73	56625.80859	56732.57356	56649.57031	505173.5	5410287.7
L5170.0	505173.5	5410287.7	21667.40039	404.42	0	48.845539	-86.929486	56607.71	56219.3	30.67	56638.38	56623.83594	56721.84558	56639.70703	505173.5	5410287.7
L5170.0	505173.5	5410286.5	21667.50000	407.46	0	48.845528	-86.929486	56605.98	56219.3	30.67	56636.65	56622.48438	56724.73838	56643.47266	505173.5	5410286.5
L5170.0	505173.5	5410285.0	21667.59961	406.59	0	48.845515	-86.929486	56603.61	56219.3	30.67	56634.28	56620.49609	56713.65850	56633.26563	505173.5	5410285.0
L5170.0	505173.5	5410283.9	21667.69922	407.53	0	48.845505	-86.929486	56601.72	56219.3	30.67	56632.39	56618.98828	56713.10810	56633.59766	505173.5	5410283.9
L5170.0	505173.5	5410282.3	21667.69922	407.53	0	48.845491	-86.929486	56599.29	56219.3	30.67	56629.96	56616.94141	56700.74716	56622.12500	505173.5	5410282.3
L5170.0	505173.5	5410280.9	21667.90039	409.82	0	48.845478	-86.929487	56597.48	56219.3	30.67	56628.15	56615.51563	56701.95357	56624.22266	505173.5	5410280.9
L5170.0	505173.5	5410280.9	21668.00000	409.09	0	48.845478	-86.929487	56595.18	56219.3	30.67	56625.85	56613.60156	56692.41753	56615.58203	505173.5	5410280.9
L5170.0	505173.5	5410280.9	21668.09961	409.64	0	48.845478	-86.929487	56593.14	56219.3	30.67	56623.81	56611.94922	56688.54270	56612.60547	505173.5	5410280.9
L5170.0	505173.4	5410279.0	21668.19922	410.14	0	48.845461	-86.929487	56590.74	56219.3	30.67	56621.41	56609.93750	56676.74512	56601.70703	505173.4	5410279.0
L5170.0	505173.4	5410277.3	21668.30078	412.32	0	48.845445	-86.929487	56588.86	56219.3	30.67	56619.53	56608.44531	56676.27435	56602.14453	505173.4	5410277.3
L5170.0	505173.4	5410275.9	21668.40039	411.43	0	48.845433	-86.929488	56586.86	56219.3	30.67	56617.53	56606.83594	56673.10899	56599.88672	505173.4	5410275.9
L5170.0	505173.4	5410275.9	21668.50000	412.44	0	48.845433	-86.929488	56584.72	56219.3	30.67	56615.39	56605.08594	56666.79898	56594.48438	505173.4	5410275.9
L5170.0	505173.4	5410274.8	21668.59961	408.62	0	48.845423	-86.929488	56582.78	56219.3	30.67	56613.45	56603.53906	56664.77448	56593.37109	505173.4	5410274.8
L5170.0	505173.3	5410273.2	21668.69922	409.34	0	48.845408	-86.929488	56580.39	56219.3	30.67	56611.06	56601.53906	56652.79589	56582.30469	505173.3	5410273.2
L5170.0	505173.3	5410272.0	21668.80078	410.83	0	48.845398	-86.929489	56578.41	56219.3	30.67	56609.08	56599.95313	56649.67607	56580.10156	505173.3	5410272.0
L5170.0	505173.3	5410270.6	21668.90039	409.90	0	48.845385	-86.929489	56576.24	56219.3	30.67	56606.91	56598.17578	56642.27039	56573.60938	505173.3	5410270.6
L5170.0	505173.3	5410270.6	21669.00000	409.11	0	48.845385	-86.929489	56574.54	56219.3	30.67	56605.21	56596.86719	56645.01452	56577.26563	505173.3	5410270.6
L5170.0	505173.3	5410269.0	21669.09961	406.82	0	48.845371	-86.929489	56572.32	56219.3	30.67	56602.99	56595.04297	56636.22773	56569.39453	505173.3	5410269.0
L5170.0	505173.3	5410267.6	21669.19922	408.17	0	48.845358	-86.929490	56570.33	56219.3	30.67	56601.00	56593.44531	56632.31632	56566.39844	505173.3	5410267.6
L5170.0	505173.3	5410267.6	21669.30078	409.09	0	48.845358	-86.929490	56568.31	56219.3	30.67	56598.98	56591.81641	56627.57911	56562.57422	505173.3	5410267.6
L5170.0	505173.3	5410266.0	21669.40039	409.87	0	48.845344	-86.929490	56566.34	56219.3	30.67	56597.02	56590.25000	56623.97638	56559.88672	505173.3	5410266.0
L5170.0	505173.2	5410264.7	21669.50000	409.39	0	48.845332	-86.929490	56564.66	56219.3	30.67	56595.33	56588.95313	56626.09543	56562.91406	505173.2	5410264.7
L5170.0	505173.2	5410264.7	21669.59961	409.30	0	48.845332	-86.929490	56562.80	56219.3	30.68	56593.47	56587.48828	56624.29617	56562.02344	505173.2	5410264.7
L5170.0	505173.2	5410262.7	21669.69922	411.51	0	48.845314	-86.929490	56560.84	56219.3	30.68	56591.51	56585.91797	56620.10219	56558.73828	505173.2	5410262.7
L5170.0	505173.2	5410261.4	21669.69922	411.51	0	48.845302	-86.929490	56558.72	56219.3	30.68	56589.40	56584.19922	56612.41083	56551.94922	505173.2	5410261.4
L5170.0	505173.2	5410261.4	21669.90039	409.97	0	48.845302	-86.929490	56557.00	56219.3	30.68	56587.68	56582.87109	56613.03424	56553.47656	505173.2	5410261.4
L5170.0	505173.2	5410260.0	21670.00000	410.08	0	48.845290	-86.929491	56554.94	56219.3	30.68	56585.62	56581.19922	56605.98611	56547.32422	505173.2	5410260.0
L5170.0	505173.2	5410258.6	21670.09961	406.81	0	48.845277	-86.929491	56553.33	56219.3	30.68	56584.01	56579.98047	56608.55163	56550.78516	505173.2	5410258.6
L5170.0	505173.2	5410257.3	21670.19922	407.53	0	48.845265	-86.929491	56551.34	56219.3	30.68	56582.02	56578.37891	56602.55643	56545.67969	505173.2	5410257.3
L5170.0	505173.2	5410257.3	21670.30078	407.42	0	48.845265	-86.929491	56549.84	56219.3	30.68	56580.52	56577.26563	56607.03766	56551.05078	505173.2	5410257.3
L5170.0	505173.2	5410256.2	21670.40039	405.03	0	48.845255	-86.929491	56547.66	56219.3	30.68	56578.34	56575.47266	56596.37956	56541.27344	505173.2	5410256.2
L5170.0	505173.2	5410256.2	21670.50000	404.39	0	48.845255	-86.929491	56546.14	56219.3	30.68	56576.82	56574.33594	56599.90791	56545.67969	505173.2	5410256.2
L5170.0	505173.2	5410253.3	21670.59961	405.66	0	48.845229	-86.929491	56544.52	56219.3	30.68	56575.20	56573.10156	56600.98226	56547.62500	505173.2	5410253.3
L5170.0	505173.2	5410253.3	21670.69922	404.92	0	48.845229	-86.929491	56542.20	56219.3	30.68	56572.88	56571.16406	56586.46483	56533.97266	505173.2	5410253.3
L5170.0	505173.1	5410252.2	21670.80078	404.51	0	48.845219	-86.929491	56540.52	56219.3	30.68	56571.20	56569.86328	56585.68267	56534.05469	505173.1	5410252.2
L5170.0	505173.1	5410251.1	21670.90039	406.35	0	48.845209	-86.929491	56538.88	56219.3	30.68	56569.56	56568.60156	56585.49888	56534.72266	505173.1	5410251.1
L5170.0	505173.1	5410249.7	21671.00000	409.31	0	48.845197	-86.929491	56537.61	56219.3	30.68	56568.29	56567.71094	56593.13362	56543.20703	505173.1	5410249.7
L5170.0	505173.1	5410249.7	21671.09961	409.50	0	48.845197	-86.929491	56535.59	56219.3	30.68	56566.27	56566.06641	56584.06861	56534.98047	505173.1	5410249.7
L5170.0	505173.1	5410247.7	21671.19922	406.56	0	48.845179	-86.929492	56533.91	56219.3	30.68	56564.59	56564.76172	56582.16042	56533.90625	505173.1	5410247.7
L5170.0	505173.1	5410246.2	21671.30078	405.91	0	48.845166	-86.929492	56532.18	56219.3	30.68	56562.86	56563.40234	56578.87050	56531.44531	505173.1	5410246.2
L5170.0	505173.1	5410246.2	21671.40039	404.87	0	48.845166	-86.929492	56530.92	56219.3	30.68	56561.60	56562.51172	56585.57962	56538.97656	505173.1	5410246.2
L5170.0	505173.1	5410245.0	21671.50000	403.82	0	48.845155	-86.929492	56529.04	56219.3	30.68	56559.72	56561.00000	56578.42785	56532.63281	505173.1	5410245.0
L5170.0	505173.1	5410243.6	21671.59961	405.15	0	48.845143	-86.929492	56527.55	56219.3	30.68	56558.23	56559.87891	56579.52230	56534.53125	505173.1	5410243.6
L5170.0	505173.1	5410242.1	21671.69922	404.74	0	48.845129	-86.929492	56525.94	56219.3	30.68	56556.62	56558.63281	56577.69942	56533.50391	505173.1	5410242.1
L5170.0	505173.1	5410242.1	21671.69922	404.74	0	48.845129	-86.929492	56524.11	56219.3	30.68	56554.79	56557.16406	56570.77046	56527.36328	505173.1	5410242.1
L5170.0	505173.1	5410240.6	21671.90039	407.72	0	48.845115	-86.929492	56522.63	56219.3	30.68	56553.31	56556.04297	56571.21264	56528.58203	505173.1	5410240.6
L5170.0	505173.1	5410239.3	21672.00000	408.32	0	48.845103	-86.929492	56521.07	56219.3	30.68	56551.75	56554.83984	56569.61463	56527.75391	505173.1	5410239.3
L5170.0	505173.1	5410239.3	21672.09961	406.83	0	48.845103	-86.929492	56520.10	56219.3	30.68	56550.78	56554.22266	56580.64328	56539.53906	505173.1	5410239.3
L5170.0	505173.1	5410237.9	21672.19922	408.96	0	48.845091	-86.929492	56518.62	56219.3	30.68	56549.30	56553.09375	56580.22245	56539.86719	505173.1	5410237.9
L5170.0	505173.1	5410236.0	21672.30078	414.18	0	48.845073	-86.929492	56517.12	56219.3	30.68	56547.80	56551.94531	56579.07967	56539.46484	505173.1	5410236.0
L5170.0	505173.1	5410234.6	21672.40039	415.61	0	48.845062	-86.929492	56515.20	56219.3	30.68	56545.88	56550.37109	56568.46171	56529.57813	505173.1	5410234.6
L5170.0	505173.1	5410234.6	21672.50000	414.89	0	48.845062	-86.929492	56513.90	56219.3	30.68	56544.58	56549.41406	56571.13566	56532.97266	505173.1	5410234.6
L5170.0	505173.1	5410233.0	21672.59961	415.07	0	48.845046	-86.929492	56512.52	56219.3	30.68	56543.20	56548.37500	56571.78224	56534.32422	505173.1	5410233.0
L5170.0	505173.1	5410231.5	21672.69922	415.94	0	48.845033	-86.929492	56510.98	56219.3	30.68	56541.66	56547.17188	56568.65361	56531.89453	505173.1	5410231.5
L5170.0	505173.1	5410231.5	21672.80078	415.69	0	48.845033	-86.929492	56509.66	56219.3	30.68	56540.34	56546.18750	56570.07109	56534.00391	505173.1	5410231.5
L5170.0	505173.1	5410229.8	21672.90039	417.12	0	48.845018	-86.929492	56508.08	56219.3	30.68	56538.76	56544.93750	56565.53182	56530.14063	505173.1	5410229.8
L5170.0	505173.1	5410228.3	21673.00000	415.25	0	48.845005	-86.929492	56507.09	56219.3	30.68	56537.77	56544.27734	56573.64543	56538.91797	505173.1	5410228.3
L5170.0	505173.1	5410228.3	21673.09961	413.81	0	48.845005	-86.929492	56505.25	56219.3	30.68	56535.93	56542.76172	56562.89626	56528.82422	505173.1	5410228.3
L5170.0	505173.1	5410227.3	21673.19922	411.31	0	48.844996	-86.929492	56504.25	56219.3	30.68	56534.94	56542.09375	56570.49998	56537.07031	505173.1	5410227.3
L5170.0	505173.1	5410225.7	21673.30078	408.41	0	48.844981	-86.929492	56502.52	56219.3	30.68	56533.20	56540.67188	56561.43915	56528.64063	505173.1	5410225.7
L5170.0	505173.1	5410223.9	21673.40039	407.61	0	48.844965	-86.929492	56501.44	56219.3	30.68	56532.13	56539.91797	56566.80099	56534.62500	505173.1	5410223.9
L5170.0	505173.1	5410223.9	21673.50000	408.01	0	48.844965	-86.929492	56500.07	56219.3	30.69	56530.75	56538.85156	56565.13956	56533.57031	505173.1	5410223.9
L5170.0	505173.2	5410222.8	21673.59961	406.09	0	48.844955	-86.929491	56498.96	56219.3	30.69	56529.65	56538.05859	56569.37468	56538.39844	505173.2	5410222.8
L5170.0	505173.2	5410221.2	21673.69922	406.01	0	48.844941	-86.929491	56497.70	56219.3	30.69	56528.38	56537.09375	56569.66189	56539.26953	505173.2	5410221.2
L5170.0	505173.2	5410221.2	21673.69922	406.01	0	48.844941	-86.929491	56496.32	56219.3	30.69	56527.00	56536.01563	56567.32020	56537.50000	505173.2	5410221.2
L5170.0	505173.2	5410219.4	21673.90039	405.30	0	48.844924	-86.929492	56495.04	56219.3	30.69	56525.73	56535.04297	56567.17101	56537.91016	505173.2	5410219.4
L5170.0	505173.2	5410217.9	21674.00000	405.43	0	48.844911	-86.929492	56493.43	56219.3	30.69	56524.12	56533.72656	56559.37027	56530.65625	505173.2	5410217.9
L5170.0	505173.2	5410217.9	21674.09961	407.16	0	48.844911	-86.929492	56492.54	56219.3	30.69	56523.23	56533.12891	56567.12627	56538.94531	505173.2	5410217.9
L5170.0	505173.2	5410216.3	21674.19922	405.07	0	48.844896	-86.929492	56490.93	56219.3	30.69	56521.62	56531.80469	56558.92519	56531.26563	505173.2	5410216.3
L5170.0	505173.2	5410214.7	21674.30078	404.88	0	48.844882	-86.929492	56489.88	56219.3	30.69	56520.57	56531.03906	56562.79106	56535.64063	505173.2	5410214.7
L5170.0	505173.2	5410214.7	21674.40039	409.98	0	48.844882	-86.929492	56488.43	56219.3	30.69	56519.12	56529.86719	56557.71691	56531.06250	505173.2	5410214.7
L5170.0	505173.2	5410213.2	21674.50000	412.13	0	48.844868	-86.929491	56487.76	56219.3	30.69	56518.45	56529.47266	56569.53801	56543.36719	505173.2	5410213.2
L5170.0	505173.2	5410211.4	21674.59961	413.56	0	48.844853	-86.929491	56486.32	56219.3	30.69	56517.01	56528.30469	56564.33306	56538.63281	505173.2	5410211.4
L5170.0	505173.2	5410211.4	21674.69922	413.65	0	48.844853	-86.929491	56484.91	56219.3	30.69	56515.60	56527.16406	56559.61967	56534.37500	505173.2	5410211.4
L5170.0	505173.2	5410209.6	21674.80078	412.12	0	48.844836	-86.929491	56483.81	56219.3	30.69	56514.50	56526.32422	56561.53327	56536.73438	505173.2	5410209.6
L5170.0	505173.2	5410208.3	21674.90039	413.86	0	48.844825	-86.929491	56482.79	56219.3	30.69	56513.48	56525.56641	56565.04596	56540.67969	505173.2	5410208.3
L5170.0	505173.2	5410207.0	21675.00000	412.15	0	48.844813	-86.929491	56481.46	56219.3	30.69	56512.15	56524.49219	56561.62765	56537.67969	505173.2	5410207.0
L5170.0	505173.2	5410207.0	21675.09961	410.56	0	48.844813	-86.929491	56479.93	56219.3	30.69	56510.62	56523.21484	56553.69270	56530.14844	505173.2	5410207.0

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5170.0	505173.2	5410205.2	21675.19922	408.21	0	48.844797	-86.929491	56478.91	56219.3	30.70	56509.61	56522.44922	56557.00767	56533.85547	505173.2	5410205.2
L5170.0	505173.2	5410205.2	21675.30078	407.45	0	48.844797	-86.929491	56477.43	56219.3	30.70	56508.13	56521.21484	56549.90910	56527.13672	505173.2	5410205.2
L5170.0	505173.2	5410203.9	21675.40039	408.12	0	48.844785	-86.929491	56476.59	56219.3	30.70	56507.29	56520.61328	56556.70020	56534.29688	505173.2	5410203.9
L5170.0	505173.2	5410202.5	21675.50000	409.77	0	48.844772	-86.929491	56475.23	56219.3	30.71	56505.94	56519.50000	56552.21523	56530.16016	505173.2	5410202.5
L5170.0	505173.2	5410201.0	21675.59961	410.58	0	48.844759	-86.929491	56474.24	56219.3	30.71	56504.95	56518.74219	56555.50400	56533.78906	505173.2	5410201.0
L5170.0	505173.2	5410201.0	21675.69922	408.04	0	48.844759	-86.929491	56473.22	56219.3	30.71	56503.93	56517.94922	56558.03625	56536.64844	505173.2	5410201.0
L5170.0	505173.2	5410199.7	21675.69922	408.04	0	48.844747	-86.929491	56471.87	56219.3	30.71	56502.58	56516.82031	56553.25168	56532.17969	505173.2	5410199.7
L5170.0	505173.2	5410198.1	21675.90039	403.98	0	48.844733	-86.929491	56470.72	56219.3	30.72	56501.44	56515.89844	56552.97660	56532.20703	505173.2	5410198.1
L5170.0	505173.2	5410196.8	21676.00000	399.39	0	48.844721	-86.929491	56469.49	56219.3	30.72	56500.21	56514.88281	56550.65059	56530.16406	505173.2	5410196.8
L5170.0	505173.2	5410196.8	21676.09961	401.44	0	48.844721	-86.929491	56468.63	56219.3	30.72	56499.34	56514.22266	56556.12984	56535.91797	505173.2	5410196.8
L5170.0	505173.2	5410195.7	21676.19922	404.44	0	48.844711	-86.929491	56467.45	56219.3	30.72	56498.17	56513.25781	56554.97379	56535.02344	505173.2	5410195.7
L5170.0	505173.2	5410194.0	21676.30078	407.08	0	48.844696	-86.929491	56466.07	56219.3	30.71	56496.79	56512.08203	56549.15848	56529.46094	505173.2	5410194.0
L5170.0	505173.2	5410192.9	21676.40039	408.82	0	48.844686	-86.929491	56464.39	56219.3	30.71	56495.10	56510.58594	56536.50098	56517.03906	505173.2	5410192.9
L5170.0	505173.2	5410192.9	21676.50000	409.72	0	48.844686	-86.929491	56463.70	56219.3	30.71	56494.41	56510.08984	56545.68164	56526.44141	505173.2	5410192.9
L5170.0	505173.2	5410191.6	21676.59961	410.49	0	48.844674	-86.929491	56462.96	56219.3	30.71	56493.67	56509.53906	56553.72292	56534.69141	505173.2	5410191.6
L5170.0	505173.2	5410189.9	21676.69922	410.80	0	48.844659	-86.929492	56462.20	56219.3	30.71	56492.90	56508.95313	56561.06831	56542.23438	505173.2	5410189.9
L5170.0	505173.2	5410189.9	21676.80078	409.22	0	48.844659	-86.929492	56460.74	56219.3	30.70	56491.44	56507.67578	56553.27680	56534.63281	505173.2	5410189.9
L5170.0	505173.2	5410187.2	21676.90039	405.91	0	48.844635	-86.929492	56458.93	56219.3	30.70	56489.63	56506.03906	56537.79616	56519.32422	505173.2	5410187.2
L5170.0	505173.2	5410187.2	21677.00000	408.27	0	48.844635	-86.929492	56458.16	56219.3	30.70	56488.86	56505.44141	56545.05741	56526.74219	505173.2	5410187.2
L5170.0	505173.2	5410185.9	21677.09961	406.47	0	48.844623	-86.929492	56456.63	56219.3	30.70	56487.34	56504.08984	56535.88482	56517.71875	505173.2	5410185.9
L5170.0	505173.1	5410184.6	21677.19922	407.13	0	48.844611	-86.929492	56456.30	56219.3	30.71	56487.00	56503.91016	56552.52925	56534.49609	505173.1	5410184.6
L5170.0	505173.1	5410184.6	21677.30078	407.03	0	48.844611	-86.929492	56454.72	56219.3	30.71	56485.43	56502.50000	56542.24369	56524.33594	505173.1	5410184.6
L5170.0	505173.1	5410183.0	21677.40039	408.83	0	48.844597	-86.929492	56454.11	56219.3	30.71	56484.82	56502.04297	56552.96994	56535.17578	505173.1	5410183.0
L5170.0	505173.1	5410181.6	21677.50000	409.18	0	48.844585	-86.929493	56452.68	56219.3	30.72	56483.39	56500.76172	56545.75082	56528.05469	505173.1	5410181.6
L5170.0	505173.1	5410180.3	21677.59961	407.24	0	48.844572	-86.929493	56451.73	56219.3	30.72	56482.45	56499.96875	56549.26575	56531.65234	505173.1	5410180.3
L5170.0	505173.1	5410180.3	21677.69922	407.63	0	48.844572	-86.929493	56450.18	56219.3	30.72	56480.90	56498.56250	56539.44184	56521.90625	505173.1	5410180.3
L5170.0	505173.1	5410177.8	21677.69922	407.63	0	48.844550	-86.929493	56448.80	56219.3	30.72	56479.52	56497.31641	56533.35724	56515.88672	505173.1	5410177.8
L5170.0	505173.1	5410177.8	21677.90039	410.62	0	48.844550	-86.929493	56448.11	56219.3	30.73	56478.84	56496.76953	56542.61780	56525.19922	505173.1	5410177.8
L5170.0	505173.1	5410176.3	21678.00000	409.75	0	48.844537	-86.929493	56446.88	56219.3	30.73	56477.61	56495.66797	56539.86707	56522.48438	505173.1	5410176.3
L5170.0	505173.1	5410174.7	21678.09961	409.17	0	48.844523	-86.929493	56446.35	56219.3	30.73	56477.08	56495.26172	56552.47077	56535.11719	505173.1	5410174.7
L5170.0	505173.1	5410174.7	21678.19922	408.34	0	48.844523	-86.929493	56444.82	56219.3	30.73	56475.55	56493.85156	56543.22232	56525.88672	505173.1	5410174.7
L5170.0	505173.1	5410173.4	21678.30078	407.45	0	48.844511	-86.929493	56443.97	56219.3	30.73	56474.71	56493.12891	56549.11842	56531.78906	505173.1	5410173.4
L5170.0	505173.1	5410172.1	21678.40039	408.63	0	48.844499	-86.929493	56441.88	56219.3	30.73	56472.61	56491.14063	56527.48013	56510.14844	505173.1	5410172.1
L5170.0	505173.1	5410170.9	21678.50000	407.54	0	48.844488	-86.929493	56441.22	56219.3	30.74	56471.95	56490.58594	56537.41182	56520.06250	505173.1	5410170.9
L5170.0	505173.1	5410170.9	21678.59961	404.75	0	48.844488	-86.929493	56440.22	56219.3	30.74	56470.95	56489.69141	56539.95556	56522.57813	505173.1	5410170.9
L5170.0	505173.1	5410169.5	21678.69922	405.37	0	48.844475	-86.929493	56439.15	56219.3	30.74	56469.89	56488.73047	56541.24450	56523.82813	505173.1	5410169.5
L5170.0	505173.1	5410169.5	21678.80078	403.88	0	48.844475	-86.929493	56438.13	56219.3	30.74	56468.87	56487.80469	56543.47172	56526.00781	505173.1	5410169.5
L5170.0	505173.1	5410167.9	21678.90039	406.29	0	48.844461	-86.929493	56436.49	56219.3	30.74	56467.23	56486.25781	56532.19473	56514.67188	505173.1	5410167.9
L5170.0	505173.1	5410166.3	21679.00000	405.53	0	48.844447	-86.929493	56435.61	56219.3	30.74	56466.35	56485.46094	56537.62431	56520.03125	505173.1	5410166.3
L5170.0	505173.1	5410165.1	21679.09961	404.23	0	48.844436	-86.929493	56433.87	56219.3	30.74	56464.61	56483.80469	56524.30455	56506.62891	505173.1	5410165.1
L5170.0	505173.1	5410163.8	21679.19922	409.22	0	48.844424	-86.929493	56433.25	56219.3	30.74	56464.00	56483.27344	56535.79839	56518.03516	505173.1	5410163.8
L5170.0	505173.1	5410163.8	21679.30078	408.16	0	48.844424	-86.929493	56431.54	56219.3	30.75	56462.29	56481.64063	56523.29762	56505.43359	505173.1	5410163.8
L5170.0	505173.1	5410162.2	21679.40039	405.75	0	48.844410	-86.929493	56430.75	56219.3	30.75	56461.50	56480.91797	56531.02181	56513.05078	505173.1	5410162.2
L5170.0	505173.1	5410160.9	21679.40039	405.75	0	48.844398	-86.929493	56429.43	56219.3	30.75	56460.17	56479.65625	56527.01714	56508.92188	505173.1	5410160.9
L5170.0	505173.0	5410159.2	21679.59961	408.42	0	48.844383	-86.929494	56428.64	56219.2	30.75	56459.39	56478.93750	56535.14646	56516.92188	505173.0	5410159.2
L5170.0	505173.0	5410159.2	21679.69922	410.05	0	48.844383	-86.929494	56427.26	56219.2	30.75	56458.01	56477.61719	56530.24146	56511.87891	505173.0	5410159.2
L5170.0	505173.0	5410157.7	21679.69922	410.05	0	48.844369	-86.929494	56425.88	56219.2	30.75	56456.63	56476.29297	56525.43942	56506.92969	505173.0	5410157.7
L5170.0	505173.0	5410155.9	21679.80078	413.16	0	48.844353	-86.929494	56425.01	56219.2	30.76	56455.77	56475.48438	56532.12644	56513.45703	505173.0	5410155.9
L5170.0	505173.0	5410155.9	21679.90039	412.69	0	48.844353	-86.929494	56423.22	56219.2	30.76	56453.98	56473.74219	56518.56754	56499.73047	505173.0	5410155.9
L5170.0	505173.0	5410154.1	21680.00000	413.52	0	48.844337	-86.929494	56422.16	56219.2	30.76	56452.92	56472.72656	56521.10216	56502.08594	505173.0	5410154.1
L5170.0	505173.0	5410154.1	21680.09961	412.94	0	48.844337	-86.929494	56420.44	56219.2	30.76	56451.20	56471.04688	56509.30863	56490.10938	505173.0	5410154.1
L5170.0	505173.0	5410152.5	21680.19922	412.43	0	48.844323	-86.929495	56419.78	56219.2	30.77	56450.54	56470.42188	56520.83970	56501.44922	505173.0	5410152.5
L5170.0	505173.0	5410151.1	21680.30078	419.49	0	48.844310	-86.929495	56418.50	56219.2	30.77	56449.27	56469.18750	56519.14480	56499.55078	505173.0	5410151.1
L5170.0	505173.0	5410151.1	21680.50000	415.54	0	48.844310	-86.929495	56417.69	56219.2	30.78	56448.46	56468.40625	56527.64892	56507.83984	505173.0	5410151.1
L5170.0	505173.0	5410149.6	21680.59961	415.42	0	48.844296	-86.929495	56416.36	56219.2	30.78	56447.14	56467.11328	56525.12371	56505.09375	505173.0	5410149.6
L5170.0	505173.0	5410148.0	21680.69922	414.22	0	48.844282	-86.929495	56414.60	56219.2	30.78	56445.38	56465.37500	56513.10526	56492.84766	505173.0	5410148.0
L5170.0	505173.0	5410146.9	21680.80078	411.54	0	48.844272	-86.929495	56413.58	56219.2	30.78	56444.36	56464.37500	56517.42633	56496.93359	505173.0	5410146.9
L5170.0	505173.0	5410146.9	21680.90039	411.80	0	48.844272	-86.929495	56412.38	56219.2	30.79	56443.17	56463.19922	56518.17191	56497.43750	505173.0	5410146.9
L5170.0	505173.0	5410145.4	21681.00000	406.98	0	48.844259	-86.929495	56411.96	56219.2	30.79	56442.75	56462.79297	56535.92143	56514.93359	505173.0	5410145.4
L5170.0	505173.0	5410144.1	21681.09961	404.50	0	48.844247	-86.929495	56409.81	56219.2	30.79	56440.60	56460.64844	56515.95656	56494.70703	505173.0	5410144.1
L5170.0	505173.0	5410144.1	21681.19922	404.73	0	48.844247	-86.929495	56408.73	56219.2	30.79	56439.52	56459.57422	56519.57007	56498.05469	505173.0	5410144.1
L5170.0	505173.0	5410142.9	21681.30078	407.47	0	48.844236	-86.929495	56406.92	56219.2	30.79	56437.71	56457.76953	56507.36585	56485.57813	505173.0	5410142.9
L5170.0	505173.0	5410141.2	21681.40039	408.20	0	48.844221	-86.929495	56406.28	56219.2	30.79	56437.07	56457.12891	56520.93667	56498.87109	505173.0	5410141.2
L5170.0	505173.0	5410140.1	21681.50000	408.54	0	48.844211	-86.929495	56404.57	56219.2	30.79	56435.36	56455.41406	56511.25532	56488.90234	505173.0	5410140.1
L5170.0	505173.0	5410139.0	21681.59961	408.53	0	48.844201	-86.929495	56403.39	56219.2	30.79	56434.18	56454.22656	56513.34790	56490.70313	505173.0	5410139.0
L5170.0	505173.0	5410139.0	21681.69922	406.43	0	48.844201	-86.929495	56402.20	56219.2	30.79	56432.99	56453.02734	56515.39833	56492.45703	505173.0	5410139.0
L5170.0	505173.0	5410137.4	21681.69922	406.43	0	48.844187	-86.929495	56400.56	56219.2	30.79	56431.35	56451.37500	56507.77937	56484.53516	505173.0	5410137.4
L5170.0	505173.0	5410136.2	21681.90039	409.03	0	48.844176	-86.929495	56399.54	56219.2	30.79	56430.33	56450.33594	56513.91602	56490.36328	505173.0	5410136.2
L5170.0	505173.0	5410136.2	21682.00000	409.51	0	48.844176	-86.929495	56398.06	56219.2	30.79	56428.85	56448.83594	56510.17217	56486.30469	505173.0	5410136.2
L5170.0	505173.0	5410134.8	21682.09961	408.97	0	48.844164	-86.929495	56397.14	56219.2	30.79	56427.94	56447.90625	56519.09725	56494.91406	505173.0	5410134.8
L5170.0	505173.0	5410133.3	21682.19922	407.54	0	48.844150	-86.929494	56395.31	56219.2	30.80	56426.10	56446.03906	56507.86180	56483.35938	505173.0	5410133.3
L5170.0	505173.0	5410131.6	21682.30078	409.90	0	48.844135	-86.929494	56394.46	56219.2	30.80	56425.26	56445.16797	56518.71523	56493.89063	505173.0	5410131.6
L5170.0	505173.0	5410130.2	21682.40039	411.43	0	48.844122	-86.929494	56392.57	56219.2	30.80	56423.38	56443.25781	56507.00805	56481.85547	505173.0	5410130.2
L5170.0	505173.0	5410130.2	21682.50000	411.64	0	48.844122	-86.929494	56391.27	56219.2	30.81	56422.08	56441.92188	56508.20411	56482.72266	505173.0	5410130.2
L5170.0	505173.1	5410129.0	21682.59961	409.80	0	48.844111	-86.929494	56389.67	56219.2	30.81	56420.48	56440.28516	56503.04498	56477.23047	505173.1	5410129.0
L5170.0	505173.1	5410127.6	21682.69922	411.62	0	48.844099	-86.929494	56388.54	56219.2	30.81	56419.35	56439.11328	56508.38891	56482.24219	505173.1	5410127.6
L5170.0	505173.1	5410127.6	21682.80078	414.30	0	48.844099	-86.929494	56387.01	56219.2	30.81	56417.82	56437.53516	56505.19634	56478.71484	505173.1	5410127.6
L5170.0	505173.1	5410126.3	21682.90039	413.94	0	48.844087	-86.929494	56385.40	56219.2	30.82	56416.22	56435.88672	56500.69434	56473.87891	505173.1	5410126.3
L5170.0	505173.1	5410124.4	21683.00000	414.22	0	48.844070	-86.929493	56384.18	56219.2	30.82	56415.00	56434.61719	56504.73663	56477.58594	505173.1	5410124.4
L5170.0	505173.1	5410123.1	21683.09961	409.72	0	48.844058	-86.929493	56382.32	56219.2	30.82	56413.14	56432.69922	56495.00022	56467.51172	505173.1	5410123.1
L5170.0	505173.2	5410121.9	21683.19922	412.40	0	48.844048	-86.929493	56381.34	56219.2	30.82	56412.17	56431.67188	56504.97876	56477.15625	505173.2	5410121.9
L5170.0	505173.2	5410121.9	21683.30078	409.97	0	48.844048	-86.929493	56379.43	56219.2	30.82	56410.26	56429.69922	56494.61919	56466.46484	505173.2	5410121.9
L5170.0	505173.2	5410120.1	21683.40039	407.96	0	48.844032	-86.929492	56378.44	56219.2	30.82	56409.26	56428.63281	56504.41953	56475.92969	505173.2	5410120.1
L5170.0	505173.2	5410120.1	21683.50000	407.87	0	48.844032	-86.929492	56376.75	56219.2	30.82	56407.57	56426.87500	56499.36106	56470.53906	505173.2	5410120.1
L5170.0	505173.2	5410118.8	21683.59961	406.73	0	48.844020	-86.929492	56375.86	56219.2	30.83	56406.68	56425.91016	56512.06171	56482.91016	505173.2	5410118.8
L5170.0	505173.2	5410117.2	21683.69922	409.17	0	48.844005	-86.929492	56373.94	56219.2	30.83	56404.77	56423.92188	56502.68710	56473.20703	505173.2	5410117.2
L5170.0	505173.2	5410115.9	21683.69922	409.17	0	48.843993	-86.929492	56372.26	56219.2	30.83	56403.08	56422.15234	56498.38282	56468.58203	505173.2	5410115.9
L5170.0	505173.2	5410115.9	21683.90039	405.11	0	48.843993	-86.929492	56370.55	56219.2	30.83	56401.38	56420.36719	56494.11772	56463.99219	505173.2	5410115.9
L5170.0	505173.3	5410114.0	21684.00000	406.41	0	48.843976	-86.929491	56368.94	56219.2	30.83	56399.77	56418.66797	56492.08392	56461.64063	505173.3	5410114.0
L5170.0	505173.3	5410114.0	21684.09961	406.37	0	48.843976	-86.929491	56367.59	56219.2	30.83	56398.42	56417.22266	56496.00568	56465.24609	505173.3	5410114.0
L5170.0	505173.3	5410112.4	21684.19922	408.11	0	48.843962	-86.929491	56365.50	56219.2	30.84	56396.33	56415.03516	56483.99722	56452.92969	505173.3	5410112.4
L5170.0	505173.3	5410110.9	21684.30078	411.82	0	48.843949	-86.929491	56364.38	56219.2	30.84	56395.22	56413.82422	56493.71043	56462.33594	505173.3	5410110.9
L5170.0	505173.3	5410110.9	21684.40039	412.37	0	48.843949	-86.929491	56362.36	56219.2	30.84	56393.20	56411.69531	56483.77822	56452.10156	505173.3	5410110.9

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5170.0	505173.3	5410109.6	21684.50000	409.65	0	48.843937	-86.929491	56361.21	56219.2	30.85	56392.06	56410.44531	56493.38457	56461.41016	505173.3	5410109.6
L5170.0	505173.3	5410108.5	21684.59961	412.20	0	48.843926	-86.929491	56359.04	56219.2	30.85	56389.89	56408.15625	56480.72444	56448.45703	505173.3	5410108.5
L5170.0	505173.3	5410108.5	21684.69922	414.89	0	48.843926	-86.929491	56357.59	56219.1	30.85	56388.44	56406.58594	56484.10604	56451.55078	505173.3	5410108.5
L5170.0	505173.3	5410106.8	21684.80078	413.12	0	48.843912	-86.929491	56355.59	56219.1	30.85	56386.45	56404.46875	56475.95193	56443.11719	505173.3	5410106.8
L5170.0	505173.3	5410105.2	21684.90039	412.90	0	48.843897	-86.929491	56354.12	56219.1	30.86	56384.97	56402.85547	56479.24791	56446.13672	505173.3	5410105.2
L5170.0	505173.3	5410103.8	21685.00000	416.05	0	48.843884	-86.929491	56352.38	56219.1	30.86	56383.24	56400.98438	56477.36075	56443.97656	505173.3	5410103.8
L5170.0	505173.3	5410102.7	21685.09961	414.94	0	48.843874	-86.929491	56350.46	56219.1	30.86	56381.33	56398.93359	56471.82492	56438.17969	505173.3	5410102.7
L5170.0	505173.3	5410102.7	21685.19922	415.24	0	48.843874	-86.929491	56348.88	56219.1	30.87	56379.75	56397.20313	56473.80587	56439.90234	505173.3	5410102.7
L5170.0	505173.3	5410100.8	21685.30078	414.64	0	48.843857	-86.929491	56346.64	56219.1	30.87	56377.51	56394.80469	56461.63559	56427.48047	505173.3	5410100.8
L5170.0	505173.3	5410098.8	21685.40039	411.18	0	48.843840	-86.929491	56345.26	56219.1	30.87	56376.13	56393.26172	56468.58707	56434.18359	505173.3	5410098.8
L5170.0	505173.3	5410098.8	21685.50000	408.98	0	48.843840	-86.929491	56342.73	56219.1	30.88	56373.61	56390.57422	56450.88426	56416.24219	505173.3	5410098.8
L5170.0	505173.3	5410097.7	21685.59961	407.64	0	48.843829	-86.929491	56341.22	56219.1	30.88	56372.10	56388.89063	56455.58990	56420.71094	505173.3	5410097.7
L5170.0	505173.3	5410096.2	21685.69922	406.19	0	48.843816	-86.929491	56339.29	56219.1	30.88	56370.17	56386.77734	56451.40432	56416.30078	505173.3	5410096.2
L5170.0	505173.3	5410096.2	21685.69922	406.19	0	48.843816	-86.929491	56337.83	56219.1	30.88	56368.71	56385.12891	56457.80997	56422.48438	505173.3	5410096.2
L5170.0	505173.3	5410095.1	21685.90039	404.50	0	48.843806	-86.929491	56335.96	56219.1	30.89	56366.85	56383.07031	56455.76468	56420.22656	505173.3	5410095.1
L5170.0	505173.3	5410094.0	21686.00000	403.98	0	48.843796	-86.929491	56334.06	56219.1	30.89	56364.95	56380.96875	56453.14947	56417.40234	505173.3	5410094.0
L5170.0	505173.3	5410092.4	21686.09961	405.83	0	48.843782	-86.929491	56332.32	56219.1	30.89	56363.22	56379.02344	56454.56187	56418.60938	505173.3	5410092.4
L5170.0	505173.3	5410090.6	21686.19922	408.35	0	48.843766	-86.929491	56329.96	56219.1	30.90	56360.86	56376.44531	56442.49147	56406.34375	505173.3	5410090.6
L5170.0	505173.3	5410089.6	21686.30078	409.80	0	48.843756	-86.929491	56328.49	56219.1	30.90	56359.39	56374.74609	56450.20990	56413.87109	505173.3	5410089.6
L5170.0	505173.3	5410089.6	21686.40039	408.25	0	48.843756	-86.929491	56326.32	56219.1	30.90	56357.22	56372.33984	56442.91419	56406.39063	505173.3	5410089.6
L5170.0	505173.3	5410088.4	21686.50000	409.19	0	48.843746	-86.929491	56324.77	56219.1	30.90	56355.67	56370.54688	56449.49785	56412.79688	505173.3	5410088.4
L5170.0	505173.3	5410086.6	21686.59961	409.60	0	48.843730	-86.929491	56322.57	56219.1	30.91	56353.48	56368.10547	56442.38088	56405.50781	505173.3	5410086.6
L5170.0	505173.3	5410086.6	21686.69922	408.90	0	48.843730	-86.929491	56320.84	56219.1	30.91	56351.75	56366.11328	56445.64086	56408.59766	505173.3	5410086.6
L5170.0	505173.3	5410085.2	21686.80078	410.67	0	48.843717	-86.929491	56318.46	56219.1	30.91	56349.37	56363.46094	56434.98075	56397.77344	505173.3	5410085.2
L5170.0	505173.4	5410084.1	21686.90039	413.11	0	48.843707	-86.929491	56316.40	56219.1	30.92	56347.32	56361.12891	56431.85107	56394.48828	505173.4	5410084.1
L5170.0	505173.4	5410083.0	21687.00000	410.41	0	48.843698	-86.929491	56314.56	56219.1	30.92	56345.48	56358.99609	56433.62438	56396.10547	505173.4	5410083.0
L5170.0	505173.4	5410083.0	21687.09961	411.85	0	48.843698	-86.929491	56312.18	56219.1	30.92	56343.11	56356.32813	56424.10190	56386.43359	505173.4	5410083.0
L5170.0	505173.4	5410081.3	21687.19922	411.55	0	48.843682	-86.929490	56310.27	56219.1	30.92	56341.20	56354.10547	56424.95245	56387.13672	505173.4	5410081.3
L5170.0	505173.4	5410080.4	21687.30078	411.23	0	48.843674	-86.929490	56307.90	56219.1	30.93	56338.82	56351.40625	56415.81792	56377.85938	505173.4	5410080.4
L5170.0	505173.4	5410078.6	21687.40039	410.85	0	48.843657	-86.929490	56306.04	56219.1	30.93	56336.96	56349.21484	56418.36669	56380.26953	505173.4	5410078.6
L5170.0	505173.4	5410077.4	21687.50000	409.55	0	48.843647	-86.929490	56303.64	56219.1	30.93	56334.57	56346.48047	56409.61356	56371.37891	505173.4	5410077.4
L5170.0	505173.4	5410077.4	21687.59961	409.06	0	48.843647	-86.929490	56301.98	56219.1	30.93	56332.91	56344.46875	56417.13642	56378.76563	505173.4	5410077.4
L5170.0	505173.4	5410076.1	21687.69922	405.74	0	48.843636	-86.929491	56299.54	56219.1	30.93	56330.48	56341.67188	56408.09960	56369.59766	505173.4	5410076.1
L5170.0	505173.4	5410074.7	21687.69922	405.74	0	48.843623	-86.929491	56297.43	56219.1	30.93	56328.37	56339.18750	56406.35944	56367.72656	505173.4	5410074.7
L5170.0	505173.4	5410074.7	21687.90039	405.18	0	48.843623	-86.929491	56294.84	56219.1	30.94	56325.78	56336.20703	56394.40198	56355.63672	505173.4	5410074.7
L5170.0	505173.3	5410073.1	21688.00000	406.44	0	48.843609	-86.929491	56292.78	56219.1	30.94	56323.72	56333.75000	56394.33195	56355.43750	505173.3	5410073.1
L5170.0	505173.3	5410071.8	21688.09961	405.66	0	48.843597	-86.929491	56290.75	56219.1	30.94	56321.69	56331.30859	56395.20157	56356.17578	505173.3	5410071.8
L5170.0	505173.3	5410071.8	21688.19922	405.23	0	48.843597	-86.929491	56288.48	56219.1	30.94	56319.42	56328.61328	56391.09727	56351.93750	505173.3	5410071.8
L5170.0	505173.3	5410070.5	21688.30078	403.41	0	48.843585	-86.929491	56286.74	56219.1	30.94	56317.68	56326.43750	56398.86963	56359.57813	505173.3	5410070.5
L5170.0	505173.3	5410069.0	21688.40039	405.39	0	48.843571	-86.929491	56284.06	56219.1	30.94	56315.00	56323.30859	56386.33789	56346.91406	505173.3	5410069.0
L5170.0	505173.3	5410067.4	21688.50000	404.97	0	48.843557	-86.929491	56281.74	56219.1	30.94	56312.69	56320.53516	56382.17210	56342.60938	505173.3	5410067.4
L5170.0	505173.3	5410067.4	21688.59961	404.86	0	48.843557	-86.929491	56278.86	56219.1	30.95	56309.80	56317.17188	56365.57316	56325.87109	505173.3	5410067.4
L5170.0	505173.3	5410065.6	21688.69922	411.43	0	48.843541	-86.929492	56277.19	56219.1	30.95	56308.14	56315.02344	56376.15501	56336.30859	505173.3	5410065.6
L5170.0	505173.3	5410064.2	21688.80078	415.23	0	48.843528	-86.929492	56274.88	56219.1	30.95	56305.83	56312.21094	56372.76134	56332.76563	505173.3	5410064.2
L5170.0	505173.3	5410064.2	21688.90039	414.65	0	48.843528	-86.929492	56272.68	56219.1	30.95	56303.63	56309.49609	56372.02218	56331.87500	505173.3	5410064.2
L5170.0	505173.3	5410062.9	21689.00000	411.48	0	48.843516	-86.929492	56270.13	56219.1	30.95	56301.08	56306.41797	56363.86286	56323.55469	505173.3	5410062.9
L5170.0	505173.3	5410061.5	21689.09961	413.24	0	48.843504	-86.929492	56268.23	56219	30.95	56299.18	56303.97656	56370.16618	56329.69531	505173.3	5410061.5
L5170.0	505173.3	5410060.0	21689.19922	413.15	0	48.843490	-86.929492	56265.38	56219	30.96	56296.34	56300.58203	56356.12242	56315.48047	505173.3	5410060.0
L5170.0	505173.3	5410058.7	21689.30078	413.69	0	48.843478	-86.929492	56262.83	56219	30.96	56293.79	56297.46094	56348.64824	56307.82422	505173.3	5410058.7
L5170.0	505173.3	5410058.7	21689.40039	412.18	0	48.843478	-86.929492	56260.45	56219	30.97	56291.42	56294.50781	56345.32888	56304.31641	505173.3	5410058.7
L5170.0	505173.3	5410057.4	21689.50000	411.96	0	48.843467	-86.929492	56257.91	56219	30.97	56288.88	56291.37109	56338.49596	56297.28906	505173.3	5410057.4
L5170.0	505173.3	5410055.8	21689.59961	412.68	0	48.843453	-86.929492	56256.06	56219	30.97	56287.03	56288.91016	56346.96635	56305.55078	505173.3	5410055.8
L5170.0	505173.3	5410055.8	21689.69922	408.35	0	48.843453	-86.929492	56253.46	56219	30.98	56284.44	56285.69531	56339.43104	56297.79688	505173.3	5410055.8
L5170.0	505173.3	5410053.8	21689.69922	408.35	0	48.843435	-86.929492	56251.39	56219	30.98	56282.37	56282.98438	56343.46186	56301.60156	505173.3	5410053.8
L5170.0	505173.3	5410052.5	21689.90039	408.28	0	48.843423	-86.929492	56248.54	56219	30.99	56279.52	56279.48438	56330.59476	56288.49219	505173.3	5410052.5
L5170.0	505173.3	5410052.5	21690.00000	408.30	0	48.843423	-86.929492	56246.11	56219	30.99	56277.10	56276.39453	56327.30650	56284.94922	505173.3	5410052.5
L5170.0	505173.3	5410050.7	21690.09961	407.61	0	48.843407	-86.929492	56243.23	56219	30.99	56274.22	56272.83594	56314.10687	56271.48438	505173.3	5410050.7
L5170.0	505173.3	5410049.8	21690.19922	407.65	0	48.843399	-86.929492	56240.88	56219	31.00	56271.88	56269.80078	56312.87536	56269.97266	505173.3	5410049.8
L5170.0	505173.3	5410048.1	21690.30078	408.04	0	48.843384	-86.929492	56238.59	56219	31.00	56269.58	56266.78906	56312.65782	56269.46094	505173.3	5410048.1
L5170.0	505173.3	5410046.8	21690.40039	409.24	0	48.843372	-86.929492	56236.20	56219	31.00	56267.21	56263.69531	56311.03647	56267.52734	505173.3	5410046.8
L5170.0	505173.3	5410046.8	21690.50000	411.10	0	48.843372	-86.929492	56234.02	56219	31.00	56265.02	56260.76953	56313.47323	56269.64063	505173.3	5410046.8
L5170.0	505173.3	5410045.2	21690.59961	413.08	0	48.843358	-86.929492	56231.34	56219	31.01	56262.34	56257.33984	56305.29195	56261.11719	505173.3	5410045.2
L5170.0	505173.3	5410043.9	21690.69922	415.06	0	48.843346	-86.929492	56228.96	56219	31.01	56259.97	56254.20313	56303.99286	56259.45703	505173.3	5410043.9
L5170.0	505173.3	5410043.9	21690.80078	414.29	0	48.843346	-86.929492	56226.13	56219	31.01	56257.14	56250.59766	56292.71033	56247.79297	505173.3	5410043.9
L5170.0	505173.3	5410042.3	21690.90039	413.03	0	48.843331	-86.929492	56223.51	56219	31.02	56254.53	56247.19531	56286.31735	56241.00391	505173.3	5410042.3
L5170.0	505173.3	5410040.8	21691.00000	411.99	0	48.843318	-86.929492	56220.74	56219	31.02	56251.76	56243.62109	56276.48440	56230.75391	505173.3	5410040.8
L5170.0	505173.3	5410040.8	21691.09961	414.74	0	48.843318	-86.929492	56218.62	56219	31.02	56249.64	56240.68359	56280.92947	56234.76563	505173.3	5410040.8
L5170.0	505173.3	5410039.5	21691.19922	414.53	0	48.843306	-86.929492	56216.13	56219	31.02	56247.15	56237.36719	56277.31362	56230.69141	505173.3	5410039.5
L5170.0	505173.3	5410037.7	21691.30078	414.50	0	48.843289	-86.929492	56213.24	56219	31.03	56244.27	56233.64453	56265.18653	56218.08594	505173.3	5410037.7
L5170.0	505173.3	5410036.3	21691.40039	414.57	0	48.843278	-86.929493	56210.78	56219	31.03	56241.81	56230.32813	56262.26541	56214.66797	505173.3	5410036.3
L5170.0	505173.2	5410035.0	21691.50000	413.51	0	48.843266	-86.929493	56208.02	56219	31.03	56239.05	56226.70313	56252.77721	56204.65625	505173.2	5410035.0
L5170.0	505173.2	5410035.0	21691.59961	409.75	0	48.843266	-86.929493	56205.61	56219	31.03	56236.64	56223.41406	56250.93644	56202.27344	505173.2	5410035.0
L5170.0	505173.2	5410033.6	21691.69922	405.91	0	48.843253	-86.929493	56202.83	56219	31.03	56233.86	56219.74609	56240.96960	56191.74219	505173.2	5410033.6
L5170.0	505173.2	5410033.6	21691.69922	405.91	0	48.843253	-86.929493	56200.43	56219	31.03	56231.46	56216.44531	56239.27962	56189.46094	505173.2	5410033.6
L5170.0	505173.2	5410032.3	21691.90039	406.15	0	48.843241	-86.929493	56197.72	56219	31.04	56228.76	56212.83203	56230.96814	56180.53516	505173.2	5410032.3
L5170.0	505173.2	5410030.4	21692.00000	402.50	0	48.843224	-86.929493	56195.36	56219	31.04	56226.40	56209.55078	56230.02991	56178.96094	505173.2	5410030.4
L5170.0	505173.2	5410030.4	21692.09961	402.26	0	48.843224	-86.929493	56192.59	56219	31.05	56223.63	56205.85156	56220.03394	56168.30078	505173.2	5410030.4
L5170.0	505173.2	5410028.9	21692.19922	404.32	0	48.843211	-86.929493	56190.01	56218.9	31.05	56221.07	56202.34766	56214.53687	56162.11719	505173.2	5410028.9
L5170.0	505173.2	5410027.5	21692.30078	405.33	0	48.843198	-86.929493	56187.47	56218.9	31.06	56218.53	56198.85938	56209.36515	56156.23438	505173.2	5410027.5
L5170.0	505173.2	5410026.2	21692.40039	405.29	0	48.843187	-86.929494	56185.17	56218.9	31.07	56216.24	56195.60938	56209.53842	56155.66797	505173.2	5410026.2
L5170.0	505173.2	5410026.2	21692.50000	405.33	0	48.843187	-86.929494	56182.36	56218.9	31.07	56213.44	56191.83984	56198.40619	56143.77344	505173.2	5410026.2
L5170.0	505173.2	5410024.9	21692.59961	402.89	0	48.843175	-86.929494	56179.48	56218.9	31.08	56210.56	56187.98828	56185.36564	56129.94141	505173.2	5410024.9
L5170.0	505173.2	5410024.9	21692.69922	404.70	0	48.843175	-86.929494	56176.98	56218.9	31.09	56208.07	56184.51563	56180.68938	56124.45313	505173.2	5410024.9
L5170.0	505173.1	5410023.3	21692.80078	406.88	0	48.843160	-86.929494	56174.48	56218.9	31.10	56205.58	56181.03516	56175.82550	56118.74609	505173.1	5410023.3
L5170.0	505173.1	5410021.9	21692.90039	408.00	0	48.843148	-86.929494	56172.28	56218.9	31.10	56203.38	56177.83984	56177.10645	56119.15625	505173.1	5410021.9
L5170.0	505173.1	5410020.1	21693.00000	408.32	0	48.843132	-86.929495	56169.57	56218.9	31.11	56200.68	56174.13672	56167.22464	56108.38281	505173.1	5410020.1
L5170.0	505173.1	5410020.1	21693.09961	405.16	0	48.843132	-86.929495	56167.21	56218.9	31.11	56198.32	56170.77344	56164.55130	56104.78906	505173.1	5410020.1
L5170.0	505173.1	5410018.8	21693.19922	405.84	0	48.843120	-86.929495	56164.44	56218.9	31.12	56195.55	56166.99219	56152.65434	56091.94531	505173.1	5410018.8
L5170.0	505173.1	5410017.2	21693.30078	407.30	0	48.843105	-86.929495	56161.77	56218.9	31.12	56192.89	56163.31641	56142.90052	56081.21484	505173.1	5410017.2
L5170.0	505173.1	5410017.2	21693.40039	409.60	0	48.843105	-86.929495	56159.54	56218.9	31.12	56190.66	56160.07031	56142.27887	56079.59375	505173.1	5410017.2
L5170.0	505173.1	5410015.6	21693.50000	407.34	0	48.843092	-86.929495	56157.01	56218.9	31.13	56188.13	56156.51953	56134.79509	56071.08594	505173.1	5410015.6
L5170.0	505173.1	5410014.2	21693.59961	409.02	0	48.843078	-86.929496	56154.85	56218.9	31.13	56185.98	56153.34766	56135.31829	56070.55859	505173.1	5410014.2
L5170.0	505173.1	5410014.2	21693.69922	408.53	0	48.843078	-86.929496	56151.98	56218.9	31.13	56183.11	56149.45313	56119.75541	56053.91406	505173.1	5410014.2

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5170.0	505173.0	5410012.6	21693.69922	408.53	0	48.843064	-86.929496	56149.82	56218.9	31.13	56180.95	56146.26953	56119.39238	56052.44922	505173.0	5410012.6
L5170.0	505173.0	5410010.9	21693.90039	407.28	0	48.843048	-86.929496	56147.02	56218.9	31.14	56178.16	56142.45313	56104.88302	56036.80859	505173.0	5410010.9
L5170.0	505173.0	5410010.9	21694.00000	404.25	0	48.843048	-86.929496	56144.96	56218.9	31.14	56176.10	56139.37109	56105.98127	56036.75391	505173.0	5410010.9
L5170.0	505173.0	5410009.2	21694.09961	405.22	0	48.843034	-86.929496	56142.45	56218.9	31.14	56173.59	56135.83984	56096.84346	56026.43750	505173.0	5410009.2
L5170.0	505173.0	5410008.2	21694.19922	405.30	0	48.843024	-86.929496	56140.28	56218.8	31.15	56171.43	56132.66016	56094.96608	56023.35547	505173.0	5410008.2
L5170.0	505173.0	5410007.1	21694.30078	404.03	0	48.843015	-86.929496	56137.94	56218.8	31.15	56169.09	56129.30078	56088.73360	56015.89453	505173.0	5410007.1
L5170.0	505173.0	5410007.1	21694.40039	404.99	0	48.843015	-86.929496	56135.47	56218.8	31.16	56166.63	56125.82813	56079.44515	56005.35156	505173.0	5410007.1
L5170.0	505173.0	5410006.1	21694.50000	404.89	0	48.843005	-86.929496	56133.37	56218.8	31.17	56164.53	56122.71875	56077.59342	56002.22656	505173.0	5410006.1
L5170.0	505173.0	5410004.8	21694.59961	402.35	0	48.842994	-86.929496	56130.99	56218.8	31.17	56162.16	56119.34766	56069.37469	55992.71094	505173.0	5410004.8
L5170.0	505173.0	5410003.1	21694.69922	403.73	0	48.842979	-86.929496	56129.18	56218.8	31.18	56160.35	56116.53906	56072.94331	55994.96094	505173.0	5410003.1
L5170.0	505173.0	5410003.1	21694.80078	405.53	0	48.842979	-86.929496	56126.75	56218.8	31.18	56157.93	56113.12891	56062.67613	55983.35156	505173.0	5410003.1
L5170.0	505173.0	5410002.3	21694.90039	408.15	0	48.842971	-86.929496	56125.07	56218.8	31.19	56156.26	56110.47656	56068.32922	55987.64063	505173.0	5410002.3
L5170.0	505173.0	5410000.7	21695.00000	409.38	0	48.842957	-86.929496	56122.39	56218.8	31.19	56153.58	56106.82031	56051.36566	55969.29297	505173.0	5410000.7
L5170.0	505173.0	5409999.2	21695.09961	410.74	0	48.842944	-86.929497	56120.60	56218.8	31.19	56151.79	56104.06641	56053.36219	55969.89063	505173.0	5409999.2
L5170.0	505173.0	5409999.2	21695.19922	411.15	0	48.842944	-86.929497	56118.14	56218.8	31.20	56149.35	56100.67188	56040.59820	55955.70313	505173.0	5409999.2
L5170.0	505173.0	5409997.5	21695.30078	409.65	0	48.842928	-86.929497	56116.29	56218.8	31.21	56147.50	56097.87500	56040.20454	55953.86719	505173.0	5409997.5
L5170.0	505173.0	5409995.8	21695.40039	409.91	0	48.842913	-86.929497	56113.96	56218.8	31.21	56145.17	56094.61328	56028.74920	55940.95313	505173.0	5409995.8
L5170.0	505173.0	5409995.8	21695.50000	412.05	0	48.842913	-86.929497	56112.36	56218.8	31.22	56143.57	56092.09375	56032.70722	55943.43750	505173.0	5409995.8
L5170.0	505173.0	5409994.5	21695.59961	413.33	0	48.842901	-86.929497	56110.53	56218.8	31.22	56141.75	56089.36719	56031.27412	55940.51563	505173.0	5409994.5
L5170.0	505172.9	5409993.0	21695.69922	410.58	0	48.842888	-86.929497	56108.58	56218.8	31.22	56139.80	56086.52344	56026.41034	55934.14844	505172.9	5409993.0
L5170.0	505172.9	5409993.0	21695.69922	410.58	0	48.842888	-86.929497	56106.61	56218.8	31.22	56137.84	56083.68750	56020.73347	55926.95313	505172.9	5409993.0
L5170.0	505172.9	5409991.5	21695.90039	412.01	0	48.842874	-86.929498	56104.44	56218.8	31.24	56135.67	56080.65234	56009.85717	55914.54297	505172.9	5409991.5
L5170.0	505172.9	5409990.0	21696.00000	410.64	0	48.842860	-86.929498	56102.82	56218.8	31.24	56134.06	56078.19531	56010.62784	55913.76953	505172.9	5409990.0
L5170.0	505172.9	5409989.0	21696.09961	412.91	0	48.842851	-86.929498	56100.86	56218.8	31.24	56132.10	56075.41016	56003.11907	55904.70703	505172.9	5409989.0
L5170.0	505172.9	5409988.0	21696.19922	410.69	0	48.842843	-86.929498	56099.35	56218.8	31.25	56130.60	56073.09766	56005.05393	55905.07422	505172.9	5409988.0
L5170.0	505172.9	5409988.0	21696.30078	410.06	0	48.842843	-86.929498	56097.63	56218.7	31.25	56128.88	56070.58594	56001.54158	55899.98828	505172.9	5409988.0
L5170.0	505172.9	5409986.8	21696.40039	411.36	0	48.842832	-86.929498	56096.12	56218.7	31.26	56127.37	56068.30469	56001.98844	55898.85156	505172.9	5409986.8
L5170.0	505172.9	5409985.2	21696.50000	409.28	0	48.842818	-86.929498	56094.34	56218.7	31.26	56125.60	56065.78125	55996.10152	55891.37500	505172.9	5409985.2
L5170.0	505172.9	5409985.2	21696.59961	409.23	0	48.842818	-86.929498	56092.74	56218.7	31.26	56124.01	56063.46094	55993.50732	55887.18359	505172.9	5409985.2
L5170.0	505172.9	5409984.1	21696.69922	409.17	0	48.842807	-86.929498	56091.20	56218.7	31.27	56122.47	56061.21484	55991.35630	55883.43359	505172.9	5409984.1
L5170.0	505172.9	5409982.7	21696.80078	409.35	0	48.842795	-86.929498	56089.62	56218.7	31.27	56120.89	56058.94922	55987.67510	55878.14453	505172.9	5409982.7
L5170.0	505172.9	5409982.7	21696.90039	409.16	0	48.842795	-86.929498	56088.27	56218.7	31.28	56119.54	56056.93359	55988.37098	55877.23438	505172.9	5409982.7
L5170.0	505172.9	5409981.8	21697.00000	408.63	0	48.842787	-86.929498	56086.88	56218.7	31.28	56118.16	56054.91406	55987.75073	55875.00391	505172.9	5409981.8
L5170.0	505172.9	5409980.7	21697.09961	405.99	0	48.842777	-86.929499	56085.76	56218.7	31.28	56117.05	56053.19141	55992.37959	55878.02344	505172.9	5409980.7
L5170.0	505172.9	5409980.7	21697.19922	406.94	0	48.842777	-86.929499	56084.07	56218.7	31.29	56115.35	56050.90234	55983.43231	55867.46484	505172.9	5409980.7
L5170.0	505172.8	5409979.3	21697.30078	404.50	0	48.842765	-86.929499	56082.78	56218.7	31.29	56114.07	56049.06250	55983.01654	55865.44141	505172.8	5409979.3
L5170.0	505172.8	5409978.3	21697.40039	402.41	0	48.842755	-86.929499	56081.34	56218.7	31.30	56112.64	56047.09375	55978.65615	55859.47266	505172.8	5409978.3
L5170.0	505172.8	5409978.3	21697.50000	402.37	0	48.842755	-86.929499	56080.18	56218.7	31.30	56111.48	56045.42578	55979.54566	55858.76172	505172.8	5409978.3
L5170.0	505172.8	5409977.1	21697.59961	404.66	0	48.842745	-86.929499	56078.96	56218.7	31.30	56110.26	56043.72656	55978.46359	55856.08594	505172.8	5409977.1
L5170.0	505172.8	5409976.2	21697.69922	405.45	0	48.842737	-86.929499	56077.62	56218.7	31.31	56108.93	56041.94531	55974.31803	55850.34766	505172.8	5409976.2
L5170.0	505172.8	5409975.1	21697.69922	405.45	0	48.842727	-86.929499	56076.48	56218.7	31.31	56107.78	56040.37109	55973.45995	55847.90234	505172.8	5409975.1
L5170.0	505172.8	5409973.7	21697.90039	407.52	0	48.842714	-86.929499	56075.27	56218.7	31.32	56106.59	56038.78906	55971.07763	55843.94141	505172.8	5409973.7
L5170.0	505172.8	5409973.7	21698.00000	408.40	0	48.842714	-86.929499	56074.20	56218.7	31.32	56105.52	56037.35547	55970.67780	55841.97266	505172.8	5409973.7
L5170.0	505172.8	5409972.8	21698.09961	408.63	0	48.842706	-86.929499	56072.86	56218.7	31.32	56104.18	56035.68359	55963.72897	55833.46484	505172.8	5409972.8
L5170.0	505172.8	5409971.9	21698.19922	408.33	0	48.842698	-86.929499	56072.11	56218.7	31.33	56103.43	56034.63281	55969.06139	55837.24609	505172.8	5409971.9
L5170.0	505172.8	5409970.8	21698.30078	407.24	0	48.842688	-86.929499	56071.14	56218.7	31.33	56102.47	56033.40234	55969.17040	55835.81250	505172.8	5409970.8
L5170.0	505172.8	5409970.8	21698.40039	409.85	0	48.842688	-86.929499	56070.36	56218.7	31.33	56101.70	56032.39844	55972.81864	55837.92969	505172.8	5409970.8
L5170.0	505172.8	5409969.4	21698.50000	408.33	0	48.842676	-86.929499	56069.32	56218.7	31.33	56100.65	56031.14063	55969.72605	55833.32422	505172.8	5409969.4
L5170.0	505172.8	5409968.6	21698.59961	408.65	0	48.842668	-86.929499	56068.62	56218.7	31.34	56099.95	56030.26953	55973.69094	55835.78906	505172.8	5409968.6
L5170.0	505172.8	5409968.6	21698.69922	409.15	0	48.842668	-86.929499	56067.76	56218.7	31.34	56099.10	56029.28125	55973.77781	55834.38672	505172.8	5409968.6
L5170.0	505172.8	5409967.5	21698.80078	409.28	0	48.842658	-86.929500	56066.64	56218.7	31.34	56097.99	56028.06641	55967.58840	55826.72266	505172.8	5409967.5
L5170.0	505172.8	5409967.5	21698.90039	409.69	0	48.842658	-86.929500	56065.93	56218.7	31.35	56097.28	56027.28125	55969.57945	55827.25000	505172.8	5409967.5
L5170.0	505172.8	5409966.1	21699.00000	409.38	0	48.842646	-86.929500	56065.06	56218.7	31.35	56096.40	56026.36328	55967.28497	55823.51563	505172.8	5409966.1
L5170.0	505172.7	5409965.2	21699.09961	408.78	0	48.842638	-86.929501	56064.64	56218.6	31.36	56096.00	56025.96094	55974.94394	55829.75000	505172.7	5409965.2
L5170.0	505172.7	5409964.3	21699.19922	411.78	0	48.842629	-86.929501	56063.76	56218.6	31.36	56095.12	56025.10938	55971.55474	55824.94922	505172.7	5409964.3
L5170.0	505172.7	5409964.3	21699.30078	408.34	0	48.842629	-86.929501	56063.02	56218.6	31.37	56094.39	56024.44531	55970.91963	55822.91797	505172.7	5409964.3
L5170.0	505172.7	5409963.4	21699.40039	406.38	0	48.842622	-86.929501	56062.44	56218.6	31.38	56093.82	56023.97266	55973.27023	55823.89453	505172.7	5409963.4
L5170.0	505172.7	5409963.4	21699.50000	403.34	0	48.842622	-86.929501	56061.68	56218.6	31.39	56093.07	56023.35547	55971.17753	55820.44531	505172.7	5409963.4
L5170.0	505172.6	5409962.2	21699.59961	403.73	0	48.842610	-86.929502	56061.16	56218.6	31.39	56092.55	56023.00391	55973.62963	55821.56250	505172.6	5409962.2
L5170.0	505172.6	5409961.5	21699.69922	404.82	0	48.842604	-86.929502	56060.45	56218.6	31.40	56091.84	56022.50000	55971.44730	55818.05859	505172.6	5409961.5
L5170.0	505172.6	5409961.5	21699.69922	404.82	0	48.842604	-86.929502	56059.99	56218.6	31.40	56091.39	56022.28516	55974.49504	55819.80469	505172.6	5409961.5
L5170.0	505172.6	5409960.7	21699.90039	404.65	0	48.842597	-86.929503	56059.46	56218.6	31.41	56090.87	56022.03516	55975.56440	55819.59375	505172.6	5409960.7
L5170.0	505172.6	5409959.9	21700.00000	402.43	0	48.842590	-86.929503	56059.06	56218.6	31.42	56090.47	56021.94141	55978.82955	55821.59766	505172.6	5409959.9
L5170.0	505172.5	5409959.0	21700.09961	403.86	0	48.842582	-86.929503	56058.60	56218.6	31.42	56090.02	56021.83203	55980.58495	55822.11719	505172.5	5409959.0
L5170.0	505172.5	5409959.0	21700.19922	407.22	0	48.842582	-86.929503	56058.27	56218.6	31.43	56089.69	56021.87891	55984.56762	55824.87891	505172.5	5409959.0
L5170.0	505172.5	5409958.3	21700.30078	407.94	0	48.842575	-86.929504	56057.66	56218.6	31.43	56089.09	56021.68750	55982.25710	55821.36719	505172.5	5409958.3
L5170.0	505172.5	5409957.5	21700.40039	408.32	0	48.842568	-86.929504	56057.36	56218.6	31.43	56088.79	56021.82813	55986.14651	55824.07422	505172.5	5409957.5
L5170.0	505172.5	5409957.5	21700.50000	407.54	0	48.842568	-86.929504	56057.03	56218.6	31.43	56088.47	56021.98438	55989.24811	55826.01953	505172.5	5409957.5
L5170.0	505172.4	5409956.3	21700.59961	409.33	0	48.842557	-86.929505	56056.55	56218.6	31.44	56087.98	56022.00000	55988.29547	55823.93359	505172.4	5409956.3
L5170.0	505172.4	5409955.4	21700.69922	407.24	0	48.842550	-86.929506	56056.20	56218.6	31.44	56087.64	56022.20313	55990.31012	55824.83203	505172.4	5409955.4
L5170.0	505172.3	5409954.9	21700.80078	410.11	0	48.842545	-86.929506	56055.84	56218.6	31.44	56087.28	56022.41406	55991.58820	55825.00781	505172.3	5409954.9
L5170.0	505172.3	5409954.1	21700.90039	408.82	0	48.842538	-86.929507	56055.87	56218.6	31.45	56087.32	56023.05859	56001.34042	55833.68359	505172.3	5409954.1
L5170.0	505172.3	5409954.1	21701.00000	409.49	0	48.842538	-86.929507	56055.48	56218.6	31.45	56086.93	56023.30469	56001.41647	55832.70703	505172.3	5409954.1
L5170.0	505172.2	5409953.1	21701.09961	405.82	0	48.842529	-86.929508	56055.21	56218.5	31.45	56086.66	56023.69922	56003.87279	55834.12891	505172.2	5409953.1
L5170.0	505172.2	5409952.4	21701.19922	405.05	0	48.842523	-86.929508	56054.96	56218.5	31.45	56086.41	56024.14844	56006.53808	55835.78125	505172.2	5409952.4
L5170.0	505172.1	5409951.7	21701.30078	404.00	0	48.842516	-86.929509	56054.80	56218.5	31.46	56086.26	56024.72266	56011.18106	55839.42578	505172.1	5409951.7
L5170.0	505172.1	5409951.7	21701.40039	404.48	0	48.842516	-86.929509	56054.58	56218.5	31.46	56086.04	56025.26172	56014.09821	55841.36328	505172.1	5409951.7
L5170.0	505172.1	5409951.0	21701.50000	401.33	0	48.842510	-86.929509	56054.32	56218.5	31.46	56085.78	56025.78516	56015.96376	55842.27734	505172.1	5409951.0
L5170.0	505172.1	5409950.4	21701.59961	400.98	0	48.842504	-86.929510	56054.27	56218.5	31.46	56085.74	56026.55469	56022.48631	55847.86328	505172.1	5409950.4
L5170.0	505172.1	5409950.4	21701.69922	400.50	0	48.842504	-86.929510	56054.04	56218.5	31.46	56085.51	56027.16406	56024.70881	55849.16797	505172.1	5409950.4
L5170.0	505172.0	5409949.6	21701.69922	400.50	0	48.842497	-86.929511	56053.99	56218.5	31.46	56085.46	56027.98047	56030.74743	55854.30469	505172.0	5409949.6
L5170.0	505172.0	5409949.0	21701.90039	397.76	0	48.842492	-86.929511	56053.82	56218.5	31.47	56085.29	56028.69922	56034.05263	55856.72266	505172.0	5409949.0
L5170.0	505172.0	5409949.0	21702.00000	402.32	0	48.842492	-86.929511	56053.82	56218.5	31.47	56085.29	56029.61719	56040.98914	55862.79688	505172.0	5409949.0
L5170.0	505171.9	5409948.1	21702.09961	403.37	0	48.842484	-86.929512	56053.77	56218.5	31.48	56085.24	56030.50781	56046.75816	55867.72266	505171.9	5409948.1
L5170.0	505171.8	5409947.5	21702.19922	404.52	0	48.842478	-86.929513	56053.79	56218.5	31.48	56085.27	56031.50000	56054.22177	55874.35547	505171.8	5409947.5
L5170.0	505171.8	5409946.9	21702.30078	405.21	0	48.842473	-86.929514	56053.62	56218.5	31.49	56085.11	56032.32422	56057.48626	55876.80078	505171.8	5409946.9
L5170.0	505171.8	5409946.9	21702.40039	403.43	0	48.842473	-86.929514	56053.64	56218.5	31.50	56085.14	56033.35938	56064.88540	55883.39453	505171.8	5409946.9
L5170.0	505171.7	5409946.1	21702.50000	406.95	0	48.842466	-86.929515	56053.62	56218.5	31.50	56085.12	56034.36719	56071.18159	55888.90625	505171.7	5409946.1
L5170.0	505171.7	5409945.7	21702.59961	406.31	0	48.842462	-86.929515	56053.59	56218.5	31.51	56085.10	56035.39453	56077.48465	55894.44141	505171.7	5409945.7
L5170.0	505171.7	5409945.7	21702.69922	406.74	0	48.842462	-86.929515	56053.41	56218.5	31.52	56084.93	56036.28906	56080.52629	55896.72656	505171.7	5409945.7
L5170.0	505171.6	5409944.9	21702.80078	411.13	0	48.842456	-86.929516	56053.44	56218.5	31.53	56084.97	56037.41406	56088.20120	55903.65234	505171.6	5409944.9
L5170.0	505171.6	5409944.4	21702.90039	411.22	0	48.842451	-86.929516	56053.56	56218.5	31.53	56085.10	56038.64063	56097.89703	55912.61328	505171.6	5409944.4
L5170.0	505171.6	5409944.4	21703.00000	411.33	0	48.842451	-86.929516	56053.77	56218.5	31.54	56085.31	56039.96875	56109.40877	55923.40625	505171.6	5409944.4

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5170.0	505171.6	5409943.9	21703.09961	408.93	0	48.842446	-86.929517	56053.64	56218.5	31.54	56085.18	56040.96875	56113.55659	55926.84375	505171.6	5409943.9
L5170.0	505171.5	5409943.4	21703.19922	408.53	0	48.842442	-86.929517	56053.59	56218.5	31.55	56085.14	56042.07031	56119.76574	55932.35156	505171.5	5409943.4
L5170.0	505171.5	5409942.9	21703.30078	408.62	0	48.842437	-86.929518	56053.44	56218.5	31.55	56084.99	56043.07422	56123.67103	55935.56250	505171.5	5409942.9
L5170.0	505171.5	5409942.9	21703.40039	407.88	0	48.842437	-86.929518	56053.48	56218.4	31.55	56085.04	56044.29297	56132.07015	55943.27734	505171.5	5409942.9
L5170.0	505171.5	5409942.3	21703.50000	407.69	0	48.842432	-86.929518	56053.74	56218.4	31.56	56085.29	56045.71875	56144.97472	55955.50391	505171.5	5409942.3
L5170.0	505171.5	5409941.8	21703.59961	410.23	0	48.842427	-86.929518	56053.88	56218.4	31.56	56085.43	56047.04688	56155.61033	55965.47266	505171.5	5409941.8
L5170.0	505171.4	5409941.3	21703.69922	410.84	0	48.842423	-86.929519	56053.92	56218.4	31.56	56085.48	56048.28906	56164.42538	55973.62500	505171.4	5409941.3
L5170.0	505171.4	5409941.3	21703.69922	410.84	0	48.842423	-86.929519	56054.20	56218.4	31.56	56085.76	56049.77344	56178.43443	55986.97266	505171.4	5409941.3
L5170.0	505171.4	5409940.9	21703.90039	412.71	0	48.842419	-86.929519	56054.32	56218.4	31.57	56085.89	56051.10938	56189.32928	55997.21094	505171.4	5409940.9
L5170.0	505171.4	5409940.9	21704.00000	411.24	0	48.842419	-86.929519	56054.22	56218.4	31.57	56085.79	56052.21875	56195.36785	56002.60156	505171.4	5409940.9
L5170.0	505171.4	5409940.5	21704.09961	410.92	0	48.842416	-86.929519	56053.87	56218.4	31.57	56085.44	56053.08594	56196.12087	56002.70703	505171.4	5409940.5
L5170.0	505171.4	5409940.1	21704.19922	410.58	0	48.842411	-86.929520	56053.92	56218.4	31.58	56085.50	56054.36328	56206.04295	56011.98438	505171.4	5409940.1
L5170.0	505171.3	5409939.7	21704.30078	411.83	0	48.842409	-86.929520	56053.89	56218.4	31.58	56085.48	56055.56250	56214.41590	56019.70703	505171.3	5409939.7
L5170.1	505171.5	5409991.4	21732.19922	366.49	0	48.842873	-86.929516	55999.41	56217.7	32.26	56031.67	56055.64844	56644.61623	56344.61719	505171.5	5409991.4
L5170.1	505171.5	5409990.9	21732.30078	366.74	0	48.842869	-86.929517	55997.18	56217.7	32.26	56029.44	56053.39063	56599.97454	56305.61328	505171.5	5409990.9
L5170.1	505171.4	5409990.5	21732.40039	374.05	0	48.842865	-86.929518	55995.06	56217.7	32.26	56027.32	56051.24219	56559.26792	56270.54297	505171.4	5409990.5
L5170.1	505171.4	5409990.0	21732.50000	376.38	0	48.842861	-86.929519	55992.81	56217.7	32.26	56025.07	56048.96484	56516.16439	56233.07813	505171.4	5409990.0
L5170.1	505171.4	5409990.0	21732.59961	377.08	0	48.842861	-86.929519	55991.06	56217.7	32.26	56023.32	56047.18750	56487.23626	56209.77344	505171.4	5409990.0
L5170.1	505171.3	5409989.4	21732.69922	375.07	0	48.842855	-86.929520	55988.94	56217.7	32.26	56021.20	56045.03906	56449.56104	56177.71094	505171.3	5409989.4
L5170.1	505171.2	5409988.9	21732.80078	372.87	0	48.842851	-86.929521	55986.51	56217.7	32.26	56018.77	56042.57813	56404.70021	56138.44922	505171.2	5409988.9
L5170.1	505171.2	5409988.2	21732.90039	376.87	0	48.842845	-86.929522	55984.21	56217.7	32.26	56016.47	56040.25000	56364.21845	56103.55469	505171.2	5409988.2
L5170.1	505171.2	5409988.2	21733.00000	376.84	0	48.842845	-86.929522	55981.81	56217.7	32.26	56014.07	56037.81641	56322.03849	56066.94531	505171.2	5409988.2
L5170.1	505171.1	5409987.7	21733.09961	376.39	0	48.842840	-86.929523	55979.66	56217.7	32.26	56011.92	56035.63281	56287.35201	56037.80469	505171.1	5409987.7
L5170.1	505171.1	5409987.7	21733.19922	375.72	0	48.842840	-86.929523	55977.61	56217.7	32.26	56009.87	56033.54688	56256.18463	56012.16016	505171.1	5409987.7
L5170.1	505171.0	5409986.9	21733.30078	374.96	0	48.842833	-86.929524	55975.63	56217.7	32.26	56007.90	56031.53906	56227.98301	55989.45313	505171.0	5409986.9
L5170.1	505170.9	5409986.3	21733.40039	373.68	0	48.842828	-86.929525	55973.48	56217.7	32.26	56005.74	56029.34375	56195.61001	55962.55078	505170.9	5409986.3
L5170.1	505170.9	5409986.3	21733.50000	372.92	0	48.842828	-86.929525	55971.48	56217.7	32.26	56003.75	56027.31250	56168.51391	55940.89844	505170.9	5409986.3
L5170.1	505170.8	5409985.6	21733.59961	372.71	0	48.842821	-86.929526	55969.82	56217.7	32.27	56002.08	56025.59766	56150.61236	55928.40625	505170.8	5409985.6
L5170.1	505170.8	5409985.0	21733.69922	372.43	0	48.842816	-86.929527	55968.14	56217.7	32.27	56000.41	56023.88281	56133.44694	55916.60938	505170.8	5409985.0
L5170.1	505170.7	5409984.3	21733.69922	372.43	0	48.842809	-86.929528	55965.89	56217.7	32.27	55998.16	56021.58594	56101.71218	55890.20313	505170.7	5409984.3
L5170.1	505170.7	5409984.3	21733.90039	373.67	0	48.842809	-86.929528	55963.74	56217.7	32.27	55996.01	56019.38281	56073.27531	55867.06250	505170.7	5409984.3
L5170.1	505170.7	5409983.6	21734.00000	373.56	0	48.842803	-86.929529	55961.87	56217.7	32.27	55994.14	56017.46094	56052.83770	55851.87891	505170.7	5409983.6
L5170.1	505170.6	5409982.7	21734.09961	373.60	0	48.842795	-86.929529	55960.23	56217.7	32.27	55992.50	56015.76172	56039.04368	55843.29297	505170.6	5409982.7
L5170.1	505170.6	5409982.0	21734.19922	372.76	0	48.842789	-86.929529	55958.46	56217.7	32.27	55990.73	56013.93359	56022.37430	55831.78125	505170.6	5409982.0
L5170.1	505170.6	5409982.0	21734.30078	370.97	0	48.842789	-86.929529	55956.46	56217.7	32.27	55988.73	56011.87109	56000.15470	55814.67188	505170.6	5409982.0
L5170.1	505170.6	5409981.1	21734.40039	375.36	0	48.842781	-86.929529	55954.66	56217.7	32.27	55986.94	56010.01172	55983.92625	55803.50391	505170.6	5409981.1
L5170.1	505170.7	5409980.6	21734.50000	374.03	0	48.842776	-86.929529	55952.62	56217.7	32.28	55984.89	56007.89453	55961.26992	55785.85938	505170.7	5409980.6
L5170.1	505170.7	5409980.6	21734.59961	374.48	0	48.842776	-86.929529	55950.77	56217.7	32.28	55983.04	56005.96875	55944.25121	55773.79297	505170.7	5409980.6
L5170.1	505170.7	5409979.6	21734.69922	373.72	0	48.842767	-86.929528	55949.38	56217.7	32.28	55981.66	56004.50781	55939.93205	55774.36328	505170.7	5409979.6
L5170.1	505170.7	5409979.0	21734.80078	372.54	0	48.842762	-86.929527	55947.61	56217.7	32.28	55979.88	56002.64844	55925.35850	55764.62500	505170.7	5409979.0
L5170.1	505170.7	5409979.0	21734.90039	370.88	0	48.842762	-86.929527	55945.78	56217.7	32.28	55978.06	56000.74219	55909.95998	55754.00391	505170.7	5409979.0
L5170.1	505170.8	5409978.0	21735.00000	372.89	0	48.842753	-86.929526	55943.28	56217.7	32.28	55975.56	55998.14844	55876.83622	55725.59375	505170.8	5409978.0
L5170.1	505170.9	5409977.3	21735.09961	372.68	0	48.842746	-86.929526	55941.46	56217.7	32.28	55973.74	55996.23438	55861.74352	55715.14844	505170.9	5409977.3
L5170.1	505170.9	5409976.5	21735.19922	371.45	0	48.842739	-86.929525	55939.94	56217.7	32.28	55972.21	55994.60156	55854.36210	55712.34766	505170.9	5409976.5
L5170.1	505170.9	5409976.5	21735.30078	372.29	0	48.842739	-86.929525	55938.45	56217.7	32.27	55970.72	55993.00781	55848.05744	55710.55469	505170.9	5409976.5
L5170.1	505171.0	5409975.7	21735.40039	371.89	0	48.842732	-86.929524	55936.81	56217.7	32.27	55969.08	55991.25781	55837.77411	55704.71484	505171.0	5409975.7
L5170.1	505171.1	5409974.4	21735.50000	369.38	0	48.842720	-86.929523	55934.81	56217.7	32.27	55967.08	55989.14453	55817.92946	55689.24609	505171.1	5409974.4
L5170.1	505171.1	5409974.4	21735.59961	368.47	0	48.842720	-86.929523	55932.33	56217.7	32.27	55964.60	55986.54297	55785.30993	55660.92969	505171.1	5409974.4
L5170.1	505171.1	5409973.4	21735.69922	367.47	0	48.842711	-86.929522	55930.25	56217.7	32.27	55962.52	55984.33594	55763.03024	55642.87109	505171.1	5409973.4
L5170.1	505171.2	5409972.5	21735.69922	367.47	0	48.842704	-86.929522	55928.13	56217.7	32.27	55960.40	55982.08594	55739.45081	55623.44141	505171.2	5409972.5
L5170.1	505171.2	5409972.5	21735.90039	370.21	0	48.842704	-86.929522	55926.69	56217.7	32.26	55958.95	55980.50000	55733.20979	55621.27734	505171.2	5409972.5
L5170.1	505171.2	5409971.6	21736.00000	373.46	0	48.842696	-86.929522	55925.20	56217.7	32.26	55957.46	55978.87109	55725.55835	55617.62500	505171.2	5409971.6
L5170.1	505171.2	5409970.4	21736.09961	375.81	0	48.842685	-86.929521	55923.93	56217.7	32.26	55956.19	55977.45313	55723.28638	55619.27344	505171.2	5409970.4
L5170.1	505171.2	5409970.4	21736.19922	374.58	0	48.842685	-86.929521	55922.31	56217.7	32.26	55954.57	55975.67969	55711.33086	55611.15234	505171.2	5409970.4
L5170.1	505171.2	5409969.3	21736.30078	375.10	0	48.842675	-86.929521	55920.16	56217.7	32.25	55952.41	55973.35938	55684.63373	55588.21094	505171.2	5409969.3
L5170.1	505171.2	5409968.4	21736.40039	374.12	0	48.842667	-86.929521	55918.49	56217.7	32.25	55950.74	55971.52734	55670.25807	55577.51172	505171.2	5409968.4
L5170.1	505171.2	5409968.4	21736.50000	372.95	0	48.842667	-86.929521	55916.72	56217.8	32.25	55948.97	55969.58594	55652.61460	55563.46484	505171.2	5409968.4
L5170.1	505171.3	5409967.0	21736.59961	374.93	0	48.842654	-86.929521	55915.33	56217.8	32.25	55947.58	55968.01953	55644.28607	55558.64453	505171.3	5409967.0
L5170.1	505171.3	5409966.0	21736.69922	375.93	0	48.842645	-86.929520	55913.86	56217.8	32.25	55946.11	55966.36719	55633.10656	55550.88672	505171.3	5409966.0
L5170.1	505171.3	5409966.0	21736.80078	373.95	0	48.842645	-86.929520	55912.47	56217.8	32.24	55944.72	55964.78906	55623.23436	55544.35156	505171.3	5409966.0
L5170.1	505171.3	5409964.7	21736.90039	373.58	0	48.842633	-86.929520	55911.11	56217.8	32.24	55943.35	55963.22266	55613.03599	55537.41016	505171.3	5409964.7
L5170.1	505171.3	5409963.8	21737.00000	372.53	0	48.842625	-86.929520	55909.59	56217.8	32.24	55941.83	55961.50000	55597.98236	55525.52734	505171.3	5409963.8
L5170.1	505171.3	5409963.8	21737.09961	374.63	0	48.842625	-86.929520	55908.02	56217.8	32.24	55940.26	55959.72266	55580.65381	55511.27734	505171.3	5409963.8
L5170.1	505171.3	5409962.5	21737.19922	374.59	0	48.842613	-86.929520	55906.66	56217.8	32.23	55938.89	55958.14063	55567.58071	55501.19531	505171.3	5409962.5
L5170.1	505171.3	5409961.4	21737.30078	375.41	0	48.842604	-86.929519	55905.72	56217.8	32.23	55937.95	55956.98047	55564.76769	55501.28906	505171.3	5409961.4
L5170.1	505171.4	5409960.4	21737.40039	376.58	0	48.842595	-86.929519	55904.48	56217.8	32.23	55936.70	55955.50391	55552.68137	55492.02344	505171.4	5409960.4
L5170.1	505171.4	5409960.4	21737.50000	374.34	0	48.842595	-86.929519	55903.19	56217.8	32.22	55935.41	55953.98047	55538.38135	55480.45703	505171.4	5409960.4
L5170.1	505171.4	5409959.1	21737.59961	374.34	0	48.842583	-86.929519	55901.97	56217.8	32.22	55934.20	55952.53125	55524.97896	55469.69922	505171.4	5409959.1
L5170.1	505171.4	5409959.1	21737.69922	371.13	0	48.842583	-86.929519	55901.29	56217.8	32.22	55933.50	55951.58203	55523.74851	55471.01953	505171.4	5409959.1
L5170.1	505171.4	5409958.3	21737.69922	371.13	0	48.842575	-86.929518	55900.38	56217.8	32.22	55932.60	55950.42969	55515.95073	55465.68750	505171.4	5409958.3
L5170.1	505171.5	5409957.2	21737.90039	370.69	0	48.842566	-86.929518	55899.80	56217.8	32.21	55932.01	55949.58203	55514.96863	55467.08594	505171.5	5409957.2
L5170.1	505171.5	5409956.2	21738.00000	369.88	0	48.842557	-86.929518	55898.71	56217.8	32.21	55930.92	55948.22656	55499.43256	55453.84375	505171.5	5409956.2
L5170.1	505171.5	5409955.0	21738.09961	370.33	0	48.842546	-86.929517	55897.82	56217.8	32.21	55930.03	55947.06250	55487.73062	55444.34766	505171.5	5409955.0
L5170.1	505171.5	5409955.0	21738.19922	370.22	0	48.842546	-86.929517	55897.24	56217.8	32.21	55929.45	55946.20703	55482.71837	55441.44922	505171.5	5409955.0
L5170.1	505171.5	5409955.0	21738.30078	371.61	0	48.842546	-86.929517	55896.79	56217.8	32.21	55928.99	55945.46094	55479.35418	55440.11328	505171.5	5409955.0
L5170.1	505171.5	5409953.6	21738.40039	369.95	0	48.842533	-86.929517	55896.31	56217.8	32.21	55928.51	55944.69141	55473.91442	55436.62109	505171.5	5409953.6
L5170.1	505171.6	5409952.1	21738.50000	368.94	0	48.842520	-86.929517	55896.08	56217.8	32.20	55928.28	55944.16016	55473.47175	55438.03906	505171.6	5409952.1
L5170.1	505171.6	5409951.3	21738.59961	367.04	0	48.842513	-86.929517	55896.03	56217.8	32.20	55928.24	55943.81641	55476.41198	55442.75000	505171.6	5409951.3
L5170.1	505171.6	5409950.1	21738.69922	367.50	0	48.842502	-86.929516	55895.63	56217.8	32.20	55927.83	55943.09766	55467.95823	55435.98047	505171.6	5409950.1
L5170.1	505171.6	5409950.1	21738.80078	369.03	0	48.842502	-86.929516	55895.78	56217.8	32.20	55927.98	55942.92969	55472.56510	55442.19141	505171.6	5409950.1
L5170.1	505171.6	5409948.6	21738.90039	368.45	0	48.842488	-86.929516	55895.68	56217.8	32.20	55927.88	55942.50781	55468.87694	55440.02344	505171.6	5409948.6
L5170.1	505171.6	5409948.6	21739.00000	368.58	0	48.842488	-86.929516	55895.45	56217.8	32.20	55927.64	55941.93750	55459.76231	55432.34766	505171.6	5409948.6
L5170.1	505171.6	5409947.3	21739.09961	370.51	0	48.842477	-86.929516	55895.34	56217.8	32.20	55927.54	55941.50000	55452.56745	55426.50391	505171.6	5409947.3
L5170.1	505171.6	5409946.4	21739.19922	368.88	0	48.842468	-86.929516	55895.50	56217.8	32.20	55927.69	55941.30859	55450.16456	55425.37500	505171.6	5409946.4
L5170.1	505171.7	5409945.3	21739.30078	371.09	0	48.842459	-86.929515	55895.98	56217.8	32.20	55928.17	55941.44141	55454.63782	55431.03906	505171.7	5409945.3
L5170.1	505171.7	5409944.1	21739.40039	371.16	0	48.842448	-86.929515	55896.51	56217.8	32.20	55928.71	55941.62891	55458.85826	55436.37500	505171.7	5409944.1
L5170.1	505171.7	5409943.3	21739.40039	371.16	0	48.842441	-86.929515	55896.76	56217.8	32.20	55928.96	55941.51953	55453.59251	55432.14453	505171.7	5409943.3
L5170.1	505171.7	5409943.3	21739.59961	373.71	0	48.842441	-86.929515	55897.02	56217.8	32.19	55929.21	55941.40234	55446.45950	55425.96484	505171.7	5409943.3
L5170.1	505171.7	5409942.2	21739.69922	372.46	0	48.842431	-86.929514	55897.29	56217.8	32.19	55929.49	55941.31250	55438.23464	55418.62109	505171.7	5409942.2
L5170.1	505171.8	5409940.9	21739.69922	372.46	0	48.842419	-86.929514	55898.06	56217.8	32.19	55930.25	55941.69531	55440.75334	55421.94141	505171.8	5409940.9
L5170.1	505171.8	5409940.9	21739.80078	368.28	0	48.842419	-86.929514	55899.32	56217.8	32.19	55931.51	55942.57031	55454.53162	55436.45313	505171.8	5409940.9
L5170.1	505171.8	5409939.6	21739.90039	368.07	0	48.842407	-86.929514	55900.20	56217.8	32.19	55932.39	55943.06250	55456.39160	55438.96875	505171.8	5409939.6
L5170.1	505171.8	5409938.7	21740.00000	365.58	0	48.842399	-86.929513	55901.37	56217.8	32.19	55933.56	55943.83984	55463.96689	55447.12891	505171.8	5409938.7

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5170.1	505171.8	5409938.7	21740.19922	369.51	0	48.842399	-86.929513	55902.28	56217.8	32.19	55934.46	55944.33984	55462.50873	55446.18359	505171.8	5409938.7
L5170.1	505171.8	5409937.3	21740.19922	369.51	0	48.842386	-86.929513	55903.21	56217.8	32.19	55935.40	55944.87500	55460.17630	55444.29297	505171.8	5409937.3
L5170.1	505171.9	5409936.3	21740.40039	370.55	0	48.842378	-86.929513	55903.94	56217.8	32.18	55936.12	55945.18359	55450.12336	55434.61719	505171.9	5409936.3
L5170.1	505171.9	5409935.0	21740.50000	370.23	0	48.842366	-86.929512	55905.77	56217.8	32.18	55937.95	55946.59766	55467.36827	55452.17188	505171.9	5409935.0
L5170.1	505171.9	5409935.0	21740.59961	370.25	0	48.842366	-86.929512	55907.54	56217.8	32.18	55939.72	55947.94922	55481.10952	55466.15625	505171.9	5409935.0
L5170.1	505172.0	5409933.9	21740.69922	368.18	0	48.842356	-86.929512	55909.36	56217.8	32.18	55941.53	55949.33203	55493.98497	55479.20703	505172.0	5409933.9
L5170.1	505172.0	5409932.4	21740.80078	367.59	0	48.842342	-86.929511	55910.60	56217.8	32.17	55942.77	55950.14063	55489.94098	55475.28125	505172.0	5409932.4
L5170.1	505172.0	5409932.4	21740.90039	367.30	0	48.842342	-86.929511	55912.14	56217.8	32.17	55944.31	55951.24609	55491.89230	55477.28906	505172.0	5409932.4
L5170.1	505172.0	5409931.0	21741.00000	363.45	0	48.842330	-86.929510	55913.71	56217.8	32.17	55945.88	55952.37891	55492.74076	55478.13281	505172.0	5409931.0
L5170.1	505172.1	5409929.4	21741.09961	364.63	0	48.842316	-86.929510	55915.56	56217.8	32.17	55947.73	55953.78516	55499.08096	55484.41016	505172.1	5409929.4
L5170.1	505172.1	5409929.4	21741.19922	365.96	0	48.842316	-86.929510	55917.50	56217.8	32.16	55949.67	55955.27344	55505.92464	55491.13281	505172.1	5409929.4
L5170.1	505172.1	5409928.1	21741.30078	366.37	0	48.842304	-86.929509	55918.97	56217.8	32.16	55951.13	55956.28125	55498.28038	55483.31250	505172.1	5409928.1
L5170.1	505172.2	5409927.1	21741.40039	364.07	0	48.842295	-86.929509	55921.20	56217.8	32.16	55953.36	55958.05859	55509.07676	55493.88281	505172.2	5409927.1
L5170.1	505172.2	5409926.0	21741.50000	364.06	0	48.842285	-86.929509	55923.09	56217.8	32.15	55955.25	55959.48828	55509.10827	55493.63672	505172.2	5409926.0
L5170.1	505172.2	5409925.0	21741.59961	364.02	0	48.842276	-86.929508	55925.55	56217.8	32.15	55957.70	55961.47266	55522.09176	55506.28906	505172.2	5409925.0
L5170.1	505172.2	5409925.0	21741.69922	364.87	0	48.842276	-86.929508	55927.92	56217.9	32.15	55960.07	55963.37500	55531.19948	55515.01953	505172.2	5409925.0
L5170.1	505172.2	5409923.6	21741.69922	364.87	0	48.842264	-86.929508	55930.56	56217.9	32.15	55962.71	55965.54688	55545.67066	55529.06641	505172.2	5409923.6
L5170.1	505172.2	5409922.2	21741.90039	364.36	0	48.842251	-86.929508	55933.26	56217.9	32.14	55965.40	55967.76172	55559.73870	55542.66797	505172.2	5409922.2
L5170.1	505172.2	5409922.2	21742.00000	365.09	0	48.842251	-86.929508	55935.99	56217.9	32.14	55968.13	55970.01563	55573.16749	55555.58594	505172.2	5409922.2
L5170.1	505172.3	5409920.7	21742.09961	369.88	0	48.842237	-86.929508	55938.65	56217.9	32.14	55970.79	55972.19922	55583.08950	55564.95703	505172.3	5409920.7
L5170.1	505172.3	5409919.4	21742.19922	371.94	0	48.842225	-86.929507	55940.72	56217.9	32.14	55972.86	55973.78906	55575.84379	55557.12109	505172.3	5409919.4
L5170.1	505172.3	5409918.2	21742.30078	374.72	0	48.842215	-86.929507	55943.06	56217.9	32.13	55975.19	55975.63672	55573.84111	55554.49219	505172.3	5409918.2
L5170.1	505172.3	5409918.2	21742.40039	373.66	0	48.842215	-86.929507	55945.40	56217.9	32.13	55977.53	55977.49219	55570.53190	55550.51953	505172.3	5409918.2
L5170.1	505172.3	5409917.0	21742.50000	376.10	0	48.842204	-86.929507	55948.46	56217.9	32.13	55980.59	55980.06641	55584.64340	55563.93750	505172.3	5409917.0
L5170.1	505172.3	5409915.7	21742.59961	376.22	0	48.842192	-86.929507	55951.53	56217.9	32.13	55983.66	55982.64844	55597.51724	55576.08203	505172.3	5409915.7
L5170.1	505172.3	5409915.7	21742.69922	374.92	0	48.842192	-86.929507	55955.04	56217.9	32.13	55987.17	55985.66797	55620.51094	55598.32031	505172.3	5409915.7
L5170.1	505172.3	5409914.5	21742.80078	373.73	0	48.842182	-86.929507	55958.66	56217.9	32.12	55990.78	55988.78906	55644.70994	55621.73438	505172.3	5409914.5
L5170.1	505172.3	5409913.3	21742.90039	373.74	0	48.842170	-86.929507	55961.59	56217.9	32.12	55993.72	55991.23828	55649.87936	55626.09375	505172.3	5409913.3
L5170.1	505172.3	5409912.2	21743.00000	371.49	0	48.842160	-86.929507	55964.78	56217.9	32.12	55996.90	55993.92969	55660.01754	55635.39844	505172.3	5409912.2
L5170.1	505172.3	5409911.0	21743.09961	373.52	0	48.842150	-86.929507	55968.07	56217.9	32.12	56000.19	55996.72656	55671.74185	55646.26563	505172.3	5409911.0
L5170.1	505172.3	5409911.0	21743.19922	370.75	0	48.842150	-86.929507	55971.58	56217.9	32.12	56003.70	55999.74609	55687.98940	55661.63672	505172.3	5409911.0
L5170.1	505172.3	5409909.8	21743.30078	368.19	0	48.842140	-86.929507	55975.20	56217.9	32.12	56007.32	56002.87891	55705.90576	55678.65625	505172.3	5409909.8
L5170.1	505172.3	5409908.3	21743.40039	367.91	0	48.842126	-86.929507	55978.89	56217.9	32.12	56011.01	56006.08203	55724.48027	55696.32031	505172.3	5409908.3
L5170.1	505172.3	5409908.3	21743.50000	368.84	0	48.842126	-86.929507	55982.31	56217.9	32.12	56014.42	56009.00391	55734.54102	55705.45703	505172.3	5409908.3
L5170.1	505172.3	5409907.0	21743.59961	368.58	0	48.842114	-86.929507	55985.52	56217.9	32.11	56017.64	56011.73438	55738.50138	55708.47656	505172.3	5409907.0
L5170.1	505172.4	5409905.6	21743.69922	367.87	0	48.842101	-86.929507	55989.16	56217.9	32.11	56021.28	56014.89063	55752.46620	55721.49219	505172.4	5409905.6
L5170.1	505172.4	5409905.6	21743.69922	367.87	0	48.842101	-86.929507	55992.66	56217.9	32.11	56024.77	56017.89844	55761.47296	55729.53906	505172.4	5409905.6
L5170.1	505172.4	5409904.3	21743.90039	367.75	0	48.842090	-86.929506	55997.08	56217.9	32.11	56029.19	56021.83594	55794.00200	55761.10156	505172.4	5409904.3
L5170.1	505172.4	5409902.4	21744.00000	366.28	0	48.842073	-86.929506	56001.40	56217.9	32.11	56033.51	56025.67969	55822.98043	55789.10938	505172.4	5409902.4
L5170.1	505172.4	5409902.4	21744.09961	366.88	0	48.842073	-86.929506	56005.48	56217.9	32.11	56037.58	56029.27344	55844.50500	55809.65625	505172.4	5409902.4
L5170.1	505172.4	5409901.0	21744.19922	368.30	0	48.842060	-86.929506	56008.32	56217.9	32.10	56040.42	56031.64063	55832.81988	55796.99219	505172.4	5409901.0
L5170.1	505172.4	5409899.5	21744.30078	368.21	0	48.842046	-86.929505	56012.23	56217.9	32.10	56044.33	56035.08203	55848.52774	55811.71875	505172.4	5409899.5
L5170.1	505172.5	5409898.0	21744.40039	372.09	0	48.842033	-86.929505	56015.80	56217.9	32.09	56047.89	56038.17578	55854.28854	55816.50391	505172.5	5409898.0
L5170.1	505172.5	5409898.0	21744.50000	371.03	0	48.842033	-86.929505	56020.33	56217.9	32.08	56052.41	56042.23438	55884.63981	55845.87891	505172.5	5409898.0
L5170.1	505172.5	5409896.0	21744.59961	371.37	0	48.842015	-86.929504	56024.15	56217.9	32.08	56056.23	56045.59766	55895.92285	55856.18750	505172.5	5409896.0
L5170.1	505172.5	5409896.0	21744.69922	372.70	0	48.842015	-86.929504	56028.42	56217.9	32.07	56060.49	56049.40234	55918.19943	55877.49609	505172.5	5409896.0
L5170.1	505172.5	5409894.7	21744.80078	376.17	0	48.842003	-86.929504	56032.22	56217.9	32.07	56064.29	56052.75781	55927.82068	55886.16016	505172.5	5409894.7
L5170.1	505172.6	5409893.5	21744.90039	373.44	0	48.841993	-86.929504	56036.26	56217.9	32.06	56068.33	56056.35156	55943.26367	55900.65234	505172.6	5409893.5
L5170.1	505172.6	5409892.0	21745.00000	373.88	0	48.841979	-86.929503	56040.26	56217.9	32.06	56072.32	56059.90625	55956.93988	55913.38672	505172.6	5409892.0
L5170.1	505172.6	5409892.0	21745.09961	374.62	0	48.841979	-86.929503	56044.13	56217.9	32.06	56076.19	56063.34375	55967.05299	55922.57031	505172.6	5409892.0
L5170.1	505172.6	5409890.4	21745.19922	377.57	0	48.841965	-86.929503	56048.08	56217.9	32.05	56080.13	56066.85547	55978.65192	55933.25391	505172.6	5409890.4
L5170.1	505172.6	5409890.4	21745.30078	377.75	0	48.841965	-86.929503	56052.12	56217.9	32.05	56084.17	56070.47266	55992.57279	55946.26953	505172.6	5409890.4
L5170.1	505172.6	5409889.2	21745.40039	375.56	0	48.841954	-86.929503	56056.45	56218	32.05	56088.49	56074.37891	56013.60072	55966.41406	505172.6	5409889.2
L5170.1	505172.7	5409887.7	21745.50000	374.23	0	48.841941	-86.929502	56060.68	56218	32.04	56092.72	56078.20313	56032.03971	55983.98047	505172.7	5409887.7
L5170.1	505172.7	5409886.4	21745.59961	371.99	0	48.841929	-86.929502	56065.06	56218	32.04	56097.10	56082.17969	56054.25394	56005.33984	505172.7	5409886.4
L5170.1	505172.7	5409886.4	21745.69922	369.89	0	48.841929	-86.929502	56069.20	56218	32.04	56101.23	56085.91797	56069.75678	56020.00781	505172.7	5409886.4
L5170.1	505172.7	5409884.6	21745.69922	369.89	0	48.841913	-86.929501	56073.45	56218	32.04	56105.49	56089.78906	56088.59760	56038.03516	505172.7	5409884.6
L5170.1	505172.8	5409883.3	21745.90039	366.15	0	48.841901	-86.929501	56077.32	56218	32.03	56109.35	56093.26953	56096.86614	56045.50781	505172.8	5409883.3
L5170.1	505172.8	5409883.3	21746.00000	366.64	0	48.841901	-86.929501	56081.36	56218	32.03	56113.39	56096.93750	56109.87653	56057.74609	505172.8	5409883.3
L5170.1	505172.8	5409882.2	21746.09961	367.29	0	48.841891	-86.929501	56085.11	56218	32.03	56117.14	56100.32422	56115.29720	56062.41797	505172.8	5409882.2
L5170.1	505172.8	5409880.7	21746.19922	369.86	0	48.841878	-86.929500	56089.48	56218	32.03	56121.51	56104.33594	56137.12967	56083.52344	505172.8	5409880.7
L5170.1	505172.9	5409879.2	21746.30078	371.86	0	48.841864	-86.929500	56093.84	56218	32.03	56125.86	56108.33594	56158.56532	56104.25781	505172.9	5409879.2
L5170.1	505172.9	5409879.2	21746.40039	371.92	0	48.841864	-86.929500	56097.70	56218	32.03	56129.73	56111.86719	56167.53409	56112.55078	505172.9	5409879.2
L5170.1	505172.9	5409877.8	21746.50000	371.60	0	48.841852	-86.929499	56101.65	56218	32.03	56133.67	56115.47656	56178.55728	56122.92188	505172.9	5409877.8
L5170.1	505172.9	5409876.8	21746.59961	371.92	0	48.841842	-86.929499	56105.66	56218	32.02	56137.68	56119.16406	56191.67472	56135.41406	505172.9	5409876.8
L5170.1	505172.9	5409875.0	21746.69922	373.25	0	48.841827	-86.929499	56109.59	56218	32.02	56141.61	56122.77734	56202.97623	56146.11719	505172.9	5409875.0
L5170.1	505172.9	5409875.0	21746.80078	371.90	0	48.841827	-86.929499	56113.21	56218	32.02	56145.24	56126.10156	56206.70790	56149.27734	505172.9	5409875.0
L5170.1	505173.0	5409873.4	21746.90039	371.20	0	48.841812	-86.929499	56117.76	56218	32.02	56149.78	56130.34375	56234.76515	56176.79297	505173.0	5409873.4
L5170.1	505173.0	5409872.3	21747.00000	367.54	0	48.841802	-86.929498	56121.18	56218	32.02	56153.20	56133.47656	56233.73759	56175.25000	505173.0	5409872.3
L5170.1	505173.0	5409872.3	21747.09961	366.92	0	48.841802	-86.929498	56124.94	56218	32.02	56156.96	56136.95703	56242.10126	56183.12891	505173.0	5409872.3
L5170.1	505173.0	5409870.9	21747.19922	367.12	0	48.841790	-86.929498	56128.56	56218	32.01	56160.58	56140.30859	56247.25372	56187.82813	505173.0	5409870.9
L5170.1	505173.0	5409869.6	21747.30078	368.39	0	48.841778	-86.929498	56132.64	56218	32.01	56164.65	56144.11719	56264.76341	56204.91016	505173.0	5409869.6
L5170.1	505173.0	5409869.6	21747.40039	371.40	0	48.841778	-86.929498	56135.97	56218	32.01	56167.98	56147.19531	56263.33285	56203.08203	505173.0	5409869.6
L5170.1	505173.0	5409868.1	21747.50000	371.44	0	48.841764	-86.929498	56139.95	56218	32.00	56171.95	56150.92578	56279.32851	56218.71094	505173.0	5409868.1
L5170.1	505173.0	5409866.5	21747.59961	370.95	0	48.841750	-86.929498	56143.79	56218	32.00	56175.79	56154.53125	56292.50925	56231.55469	505173.0	5409866.5
L5170.1	505173.0	5409866.5	21747.69922	369.01	0	48.841750	-86.929498	56147.36	56218	32.00	56179.35	56157.86719	56298.95688	56237.69531	505173.0	5409866.5
L5170.1	505173.0	5409864.9	21747.69922	369.01	0	48.841736	-86.929498	56151.14	56218	32.00	56183.14	56161.44531	56312.12929	56250.58984	505173.0	5409864.9
L5170.1	505173.0	5409863.6	21747.90039	369.41	0	48.841724	-86.929498	56155.12	56218	31.99	56187.11	56165.21094	56330.73938	56268.95313	505173.0	5409863.6
L5170.1	505173.1	5409862.3	21748.00000	369.66	0	48.841712	-86.929497	56159.13	56218	31.99	56191.12	56169.02344	56351.12959	56289.12500	505173.1	5409862.3
L5170.1	505173.1	5409860.7	21748.09961	369.29	0	48.841698	-86.929497	56162.25	56218	31.99	56194.24	56171.95703	56348.84175	56286.65234	505173.1	5409860.7
L5170.1	505173.1	5409860.7	21748.19922	372.44	0	48.841698	-86.929497	56165.97	56218	31.99	56197.96	56175.50000	56363.13228	56300.78906	505173.1	5409860.7
L5170.1	505173.1	5409859.1	21748.30078	372.93	0	48.841683	-86.929497	56169.76	56218	31.98	56201.75	56179.12109	56380.07268	56317.60547	505173.1	5409859.1
L5170.1	505173.1	5409857.4	21748.40039	371.38	0	48.841668	-86.929496	56173.34	56218	31.98	56205.33	56182.54297	56392.31569	56329.75000	505173.1	5409857.4
L5170.1	505173.1	5409857.4	21748.50000	371.20	0	48.841668	-86.929496	56176.54	56218	31.98	56208.52	56185.58203	56395.14602	56332.51563	505173.1	5409857.4
L5170.1	505173.2	5409856.0	21748.59961	372.48	0	48.841656	-86.929496	56179.71	56218	31.98	56211.69	56188.60938	56398.32821	56335.66016	505173.2	5409856.0
L5170.1	505173.2	5409854.4	21748.69922	369.22	0	48.841641	-86.929496	56183.48	56218	31.98	56215.45	56192.23828	56417.94478	56355.26953	505173.2	5409854.4
L5170.1	505173.2	5409854.4	21748.80078	369.53	0	48.841641	-86.929496	56186.75	56218	31.97	56218.72	56195.38281	56425.58179	56362.92969	505173.2	5409854.4
L5170.1	505173.2	5409853.1	21748.90039	370.11	0	48.841629	-86.929496	56190.07	56218	31.97	56222.05	56198.59766	56435.74014	56373.13672	505173.2	5409853.1
L5170.1	505173.2	5409851.5	21749.00000	371.89	0	48.841615	-86.929496	56192.92	56218	31.97	56224.89	56201.32813	56433.95823	56371.43359	505173.2	5409851.5
L5170.1	505173.2	5409850.2	21749.09961	376.80	0	48.841603	-86.929495	56196.45	56218	31.96	56228.41	56204.75000	56451.05891	56388.64453	505173.2	5409850.2
L5170.1	505173.2	5409850.2	21749.19922	375.23	0	48.841603	-86.929495	56199.46	56218	31.96	56231.42	56207.66797	56455.72830	56393.44922	505173.2	5409850.2
L5170.1	505173.2	5409849.1	21749.30078	375.40	0	48.841593	-86.929495	56202.78	56218	31.95	56234.73	56210.89453	56469.30905	56407.19141	505173.2	5409849.1
L5170.1	505173.2	5409847.8	21749.40039	374.30	0	48.841581	-86.929495	56205.51	56218.1	31.95	56237.45	56213.53516	56468.38404	56406.45313	505173.2	5409847.8

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5170.1	505173.2	5409847.8	21749.50000	373.84	0	48.841581	-86.929495	56208.04	56218.1	31.94	56239.98	56215.99609	56463.49924	56401.78125	505173.2	5409847.8
L5170.1	505173.3	5409846.3	21749.59961	374.13	0	48.841568	-86.929495	56211.05	56218.1	31.93	56242.98	56218.93359	56472.04520	56410.56641	505173.3	5409846.3
L5170.1	505173.3	5409845.1	21749.69922	372.30	0	48.841557	-86.929495	56213.77	56218.1	31.93	56245.69	56221.58984	56474.02474	56412.80859	505173.3	5409845.1
L5170.1	505173.3	5409843.9	21749.69922	372.30	0	48.841547	-86.929494	56217.12	56218.1	31.93	56249.05	56224.90234	56494.19857	56433.26953	505173.3	5409843.9
L5170.1	505173.3	5409843.9	21749.90039	371.11	0	48.841547	-86.929494	56219.60	56218.1	31.92	56251.51	56227.31641	56491.76798	56431.14844	505173.3	5409843.9
L5170.1	505173.3	5409842.6	21750.00000	369.85	0	48.841535	-86.929494	56222.68	56218.1	31.91	56254.59	56230.35938	56506.76252	56446.47656	505173.3	5409842.6
L5170.1	505173.3	5409842.6	21750.09961	370.19	0	48.841535	-86.929494	56225.08	56218.1	31.91	56256.99	56232.73047	56504.96382	56445.03125	505173.3	5409842.6
L5170.1	505173.4	5409839.3	21750.19922	367.39	0	48.841505	-86.929493	56228.06	56218.1	31.91	56259.97	56235.68359	56519.55417	56460.00000	505173.4	5409839.3
L5170.1	505173.4	5409839.3	21750.30078	371.24	0	48.841505	-86.929493	56230.75	56218.1	31.91	56262.66	56238.35547	56527.63475	56468.47266	505173.4	5409839.3
L5170.1	505173.4	5409837.8	21750.40039	370.45	0	48.841491	-86.929493	56233.20	56218.1	31.91	56265.11	56240.78906	56530.52828	56471.78125	505173.4	5409837.8
L5170.1	505173.4	5409836.4	21750.50000	369.42	0	48.841479	-86.929493	56235.49	56218.1	31.91	56267.39	56243.05859	56530.08317	56471.76563	505173.4	5409836.4
L5170.1	505173.4	5409836.4	21750.59961	366.18	0	48.841479	-86.929493	56237.88	56218.1	31.90	56269.78	56245.44531	56533.67599	56475.80859	505173.4	5409836.4
L5170.1	505173.4	5409835.0	21750.69922	363.59	0	48.841466	-86.929493	56240.42	56218.1	31.90	56272.32	56247.98047	56542.36355	56484.96094	505173.4	5409835.0
L5170.1	505173.5	5409833.2	21750.80078	361.88	0	48.841450	-86.929492	56241.99	56218.1	31.90	56273.89	56249.55469	56526.66046	56469.73828	505173.5	5409833.2
L5170.1	505173.5	5409833.2	21750.90039	364.78	0	48.841450	-86.929492	56244.86	56218.1	31.90	56276.76	56252.42969	56546.33488	56489.90625	505173.5	5409833.2
L5170.1	505173.5	5409831.8	21751.00000	368.69	0	48.841438	-86.929492	56246.80	56218.1	31.90	56278.70	56254.37891	56542.67483	56486.75000	505173.5	5409831.8
L5170.1	505173.5	5409830.2	21751.09961	368.93	0	48.841424	-86.929492	56249.43	56218.1	31.90	56281.32	56257.01172	56558.06982	56502.66406	505173.5	5409830.2
L5170.1	505173.5	5409828.0	21751.19922	371.04	0	48.841403	-86.929492	56251.19	56218.1	31.90	56283.09	56258.79297	56552.23633	56497.36328	505173.5	5409828.0
L5170.1	505173.5	5409828.0	21751.30078	372.05	0	48.841403	-86.929492	56253.26	56218.1	31.89	56285.15	56260.87109	56555.18773	56500.85547	505173.5	5409828.0
L5170.1	505173.5	5409826.7	21751.40039	370.56	0	48.841392	-86.929491	56255.07	56218.1	31.89	56286.96	56262.69922	56552.70430	56498.91797	505173.5	5409826.7
L5170.1	505173.5	5409825.1	21751.50000	370.57	0	48.841378	-86.929491	56256.83	56218.1	31.89	56288.72	56264.48047	56550.04880	56496.81250	505173.5	5409825.1
L5170.1	505173.5	5409823.7	21751.59961	370.04	0	48.841365	-86.929491	56258.85	56218.1	31.89	56290.74	56266.52344	56555.37937	56502.70703	505173.5	5409823.7
L5170.1	505173.5	5409823.7	21751.69922	371.83	0	48.841365	-86.929491	56260.88	56218.1	31.89	56292.77	56268.57422	56562.10927	56510.00391	505173.5	5409823.7
L5170.1	505173.5	5409821.7	21751.69922	371.83	0	48.841347	-86.929491	56262.73	56218.1	31.89	56294.61	56270.43750	56564.96746	56513.42969	505173.5	5409821.7
L5170.1	505173.5	5409820.5	21751.90039	372.74	0	48.841336	-86.929491	56263.87	56218.1	31.88	56295.75	56271.60156	56550.52023	56499.55469	505173.5	5409820.5
L5170.1	505173.5	5409820.5	21752.00000	372.15	0	48.841336	-86.929491	56266.25	56218.1	31.88	56298.13	56274.00781	56569.83851	56519.44531	505173.5	5409820.5
L5170.1	505173.5	5409818.5	21752.09961	372.45	0	48.841318	-86.929492	56267.73	56218.1	31.88	56299.61	56275.51172	56566.57131	56516.75000	505173.5	5409818.5
L5170.1	505173.5	5409816.7	21752.19922	374.47	0	48.841301	-86.929492	56269.38	56218.1	31.88	56301.26	56277.18359	56568.88214	56519.63672	505173.5	5409816.7
L5170.1	505173.5	5409815.3	21752.30078	371.42	0	48.841289	-86.929492	56270.26	56218.1	31.88	56302.14	56278.08984	56552.01309	56503.33984	505173.5	5409815.3
L5170.1	505173.5	5409815.3	21752.40039	371.32	0	48.841289	-86.929492	56272.04	56218.1	31.88	56303.92	56279.89063	56559.92351	56511.81250	505173.5	5409815.3
L5170.1	505173.5	5409814.0	21752.50000	368.71	0	48.841277	-86.929492	56273.12	56218.1	31.88	56305.00	56280.99219	56550.47719	56502.92578	505173.5	5409814.0
L5170.1	505173.5	5409814.0	21752.59961	368.55	0	48.841277	-86.929492	56274.62	56218.1	31.88	56306.50	56282.51172	56553.15138	56506.16016	505173.5	5409814.0
L5170.1	505173.5	5409812.6	21752.69922	371.71	0	48.841265	-86.929492	56276.07	56218.1	31.88	56307.95	56283.98047	56555.56003	56509.12109	505173.5	5409812.6
L5170.1	505173.5	5409810.8	21752.80078	371.13	0	48.841249	-86.929493	56277.20	56218.1	31.88	56309.07	56285.11719	56550.31891	56504.42188	505173.5	5409810.8
L5170.1	505173.4	5409809.5	21752.90039	371.18	0	48.841237	-86.929493	56278.40	56218.1	31.88	56310.28	56286.33984	56548.47333	56503.10547	505173.4	5409809.5
L5170.1	505173.4	5409809.5	21753.00000	370.57	0	48.841237	-86.929493	56279.36	56218.1	31.88	56311.24	56287.30859	56541.05817	56496.21094	505173.4	5409809.5
L5170.1	505173.4	5409807.9	21753.09961	370.00	0	48.841223	-86.929493	56280.83	56218.1	31.88	56312.71	56288.78906	56548.06932	56503.73438	505173.4	5409807.9
L5170.1	505173.4	5409806.3	21753.19922	370.37	0	48.841208	-86.929494	56281.66	56218.1	31.88	56313.54	56289.62500	56539.21428	56495.37891	505173.4	5409806.3
L5170.1	505173.4	5409806.3	21753.30078	373.58	0	48.841208	-86.929494	56283.06	56218.1	31.88	56314.94	56291.02734	56546.33581	56502.98828	505173.4	5409806.3
L5170.1	505173.4	5409805.2	21753.40039	371.47	0	48.841198	-86.929494	56284.12	56218.1	31.88	56316.00	56292.08594	56545.45926	56502.57813	505173.4	5409805.2
L5170.1	505173.3	5409803.2	21753.50000	372.52	0	48.841181	-86.929494	56285.33	56218.1	31.88	56317.21	56293.29297	56549.46970	56507.04297	505173.3	5409803.2
L5170.1	505173.3	5409803.2	21753.59961	368.67	0	48.841181	-86.929494	56285.95	56218.1	31.88	56317.82	56293.89844	56538.60410	56496.61328	505173.3	5409803.2
L5170.1	505173.3	5409801.9	21753.69922	367.74	0	48.841168	-86.929495	56286.54	56218.1	31.88	56318.42	56294.48438	56528.37950	56486.81641	505173.3	5409801.9
L5170.1	505173.3	5409800.2	21753.69922	367.74	0	48.841154	-86.929495	56287.38	56218.1	31.88	56319.25	56295.30078	56525.09741	56483.93750	505173.3	5409800.2
L5170.1	505173.3	5409798.8	21753.90039	370.36	0	48.841141	-86.929495	56288.22	56218.1	31.88	56320.10	56296.13281	56523.21105	56482.43359	505173.3	5409798.8
L5170.1	505173.3	5409798.8	21754.00000	371.30	0	48.841141	-86.929495	56289.06	56218.1	31.88	56320.94	56296.94922	56521.91240	56481.49609	505173.3	5409798.8
L5170.1	505173.3	5409797.5	21754.09961	372.98	0	48.841129	-86.929495	56289.96	56218.1	31.88	56321.84	56297.82422	56523.02594	56482.95703	505173.3	5409797.5
L5170.1	505173.3	5409796.3	21754.19922	373.81	0	48.841118	-86.929496	56290.44	56218.1	31.88	56322.32	56298.27344	56513.89502	56474.15234	505173.3	5409796.3
L5170.1	505173.3	5409796.3	21754.30078	373.86	0	48.841118	-86.929496	56291.03	56218.1	31.89	56322.91	56298.82813	56508.45468	56469.01563	505173.3	5409796.3
L5170.1	505173.2	5409794.7	21754.40039	372.45	0	48.841103	-86.929496	56291.79	56218.1	31.89	56323.68	56299.55859	56508.52843	56469.36719	505173.2	5409794.7
L5170.1	505173.2	5409793.0	21754.50000	371.33	0	48.841089	-86.929496	56293.40	56218.1	31.89	56325.29	56301.12109	56531.47348	56492.56641	505173.2	5409793.0
L5170.1	505173.2	5409793.0	21754.59961	370.21	0	48.841089	-86.929496	56293.81	56218.1	31.89	56325.71	56301.49609	56523.82250	56485.14844	505173.2	5409793.0
L5170.1	505173.2	5409790.1	21754.69922	373.31	0	48.841063	-86.929496	56293.70	56218.1	31.89	56325.59	56301.32422	56502.66891	56464.20703	505173.2	5409790.1
L5170.1	505173.2	5409790.1	21754.80078	372.55	0	48.841063	-86.929496	56294.06	56218.1	31.90	56325.96	56301.63672	56495.11084	56456.83594	505173.2	5409790.1
L5170.1	505173.2	5409788.7	21754.90039	371.51	0	48.841050	-86.929496	56295.22	56218.1	31.90	56327.12	56302.73438	56509.02629	56470.91016	505173.2	5409788.7
L5170.1	505173.2	5409788.7	21755.00000	369.05	0	48.841050	-86.929496	56295.67	56218.1	31.90	56327.57	56303.11719	56504.90138	56466.92188	505173.2	5409788.7
L5170.1	505173.2	5409786.8	21755.09961	370.18	0	48.841033	-86.929497	56296.29	56218.1	31.90	56328.18	56303.66016	56505.62117	56467.75391	505173.2	5409786.8
L5170.1	505173.2	5409785.5	21755.19922	369.73	0	48.841021	-86.929497	56296.28	56218.1	31.89	56328.17	56303.57813	56490.62824	56452.85156	505173.2	5409785.5
L5170.1	505173.2	5409785.5	21755.30078	372.68	0	48.841021	-86.929497	56296.85	56218.1	31.89	56328.73	56304.05859	56491.23264	56453.52344	505173.2	5409785.5
L5170.1	505173.2	5409783.6	21755.40039	368.60	0	48.841004	-86.929497	56297.16	56218.1	31.88	56329.04	56304.28906	56485.82365	56448.15234	505173.2	5409783.6
L5170.1	505173.1	5409782.2	21755.50000	367.69	0	48.840992	-86.929497	56297.69	56218.1	31.88	56329.56	56304.72266	56486.49127	56448.83203	505173.1	5409782.2
L5170.1	505173.1	5409780.8	21755.59961	365.69	0	48.840979	-86.929497	56297.92	56218.1	31.87	56329.79	56304.86719	56480.04992	56442.38281	505173.1	5409780.8
L5170.1	505173.1	5409780.8	21755.69922	367.79	0	48.840979	-86.929497	56298.05	56218.1	31.86	56329.92	56304.90625	56471.48083	56433.78125	505173.1	5409780.8
L5170.1	505173.1	5409778.9	21755.69922	367.79	0	48.840962	-86.929498	56298.32	56218.1	31.86	56330.19	56305.08203	56467.08175	56429.32813	505173.1	5409778.9
L5170.1	505173.1	5409777.5	21755.90039	365.21	0	48.840949	-86.929498	56298.43	56218.1	31.85	56330.29	56305.08594	56458.66963	56420.83594	505173.1	5409777.5
L5170.1	505173.1	5409777.5	21756.00000	364.95	0	48.840949	-86.929498	56299.34	56218.2	31.85	56331.19	56305.88281	56471.76233	56433.82422	505173.1	5409777.5
L5170.1	505173.1	5409776.1	21756.09961	366.15	0	48.840936	-86.929498	56299.68	56218.1	31.86	56331.54	56306.13281	56470.79514	56432.73047	505173.1	5409776.1
L5170.1	505173.1	5409774.2	21756.19922	364.98	0	48.840920	-86.929498	56300.19	56218.1	31.86	56332.05	56306.53906	56474.44066	56436.23438	505173.1	5409774.2
L5170.1	505173.1	5409772.6	21756.30078	365.48	0	48.840905	-86.929498	56299.73	56218.1	31.87	56331.60	56305.98438	56453.19008	56414.82031	505173.1	5409772.6
L5170.1	505173.1	5409772.6	21756.40039	366.10	0	48.840905	-86.929498	56300.44	56218.1	31.87	56332.32	56306.59766	56463.10314	56424.54297	505173.1	5409772.6
L5170.1	505173.1	5409771.2	21756.50000	367.35	0	48.840892	-86.929498	56300.39	56218.1	31.88	56332.28	56306.44922	56453.34511	56414.57031	505173.1	5409771.2
L5170.1	505173.1	5409769.5	21756.59961	366.67	0	48.840878	-86.929498	56300.63	56218.1	31.89	56332.51	56306.57031	56451.01455	56412.01563	505173.1	5409769.5
L5170.1	505173.1	5409769.5	21756.69922	366.82	0	48.840878	-86.929498	56300.91	56218.1	31.89	56332.80	56306.75000	56450.56262	56411.32031	505173.1	5409769.5
L5170.1	505173.1	5409768.2	21756.80078	368.41	0	48.840865	-86.929499	56301.06	56218.1	31.90	56332.95	56306.79297	56446.70403	56407.20313	505173.1	5409768.2
L5170.1	505173.1	5409768.2	21756.90039	369.64	0	48.840865	-86.929499	56301.49	56218.1	31.90	56333.40	56307.13281	56451.00415	56411.22266	505173.1	5409768.2
L5170.1	505173.0	5409766.3	21757.00000	369.95	0	48.840849	-86.929499	56301.39	56218.1	31.91	56333.30	56306.92188	56441.06461	56400.98438	505173.0	5409766.3
L5170.1	505173.0	5409764.6	21757.09961	370.83	0	48.840833	-86.929499	56301.75	56218.1	31.91	56333.65	56307.16406	56443.19548	56402.80469	505173.0	5409764.6
L5170.1	505173.1	5409763.2	21757.19922	368.55	0	48.840820	-86.929499	56301.03	56218.1	31.91	56332.94	56306.34766	56417.62208	56376.91406	505173.1	5409763.2
L5170.1	505173.1	5409761.8	21757.30078	365.74	0	48.840808	-86.929499	56301.59	56218.1	31.91	56333.49	56306.78906	56425.40910	56384.36719	505173.1	5409761.8
L5170.1	505173.1	5409761.8	21757.40039	366.45	0	48.840808	-86.929499	56301.37	56218.1	31.91	56333.27	56306.46484	56413.09163	56371.69922	505173.1	5409761.8
L5170.1	505173.1	5409760.1	21757.50000	366.35	0	48.840792	-86.929498	56302.10	56218.1	31.90	56334.00	56307.09375	56425.93789	56384.18359	505173.1	5409760.1
L5170.1	505173.1	5409760.1	21757.59961	366.62	0	48.840792	-86.929498	56302.03	56218.1	31.90	56333.93	56306.92578	56417.85581	56375.73438	505173.1	5409760.1
L5170.1	505173.1	5409758.6	21757.69922	365.82	0	48.840779	-86.929498	56301.72	56218.1	31.90	56333.63	56306.53125	56403.83638	56361.34375	505173.1	5409758.6
L5170.1	505173.1	5409758.6	21757.69922	365.82	0	48.840779	-86.929498	56301.46	56218.1	31.90	56333.36	56306.16797	56390.70911	56347.83594	505173.1	5409758.6
L5170.1	505173.1	5409757.0	21757.90039	366.48	0	48.840765	-86.929498	56301.65	56218.1	31.90	56333.55	56306.26953	56389.77983	56346.51953	505173.1	5409757.0
L5170.1	505173.1	5409755.5	21758.00000	365.35	0	48.840751	-86.929498	56302.31	56218.1	31.90	56334.21	56306.84375	56401.29678	56357.64063	505173.1	5409755.5
L5170.1	505173.1	5409754.3	21758.09961	365.73	0	48.840740	-86.929498	56302.48	56218.1	31.90	56334.38	56306.93359	56399.96978	56355.91797	505173.1	5409754.3
L5170.1	505173.1	5409752.9	21758.19922	367.15	0	48.840728	-86.929498	56302.84	56218.1	31.90	56334.75	56307.23047	56403.95150	56359.50391	505173.1	5409752.9
L5170.1	505173.1	5409752.9	21758.30078	366.00	0	48.840728	-86.929498	56301.95	56218.1	31.90	56333.86	56306.26953	56374.78838	56329.94922	505173.1	5409752.9
L5170.1	505173.2	5409750.8	21758.40039	369.60	0	48.840709	-86.929497	56302.62	56218.1	31.90	56334.52	56306.86719	56386.45097	56341.21484	505173.2	5409750.8
L5170.1	505173.2	5409750.8	21758.50000	370.15	0	48.840709	-86.929497	56302.54	56218.1	31.91	56334.44	56306.72656	56378.63381	56333.00000	505173.2	5409750.8
L5170.1	505173.2	5409749.3	21758.59961	373.04	0	48.840695	-86.929497	56302.64	56218.1	31.91	56334.55	56306.78906	56375.81047	56329.78906	505173.2	5409749.3
L5170.1	505173.2	5409747.8	21758.69922	375.05	0	48.840682	-86.929497	56302.66	56218.1	31.91	56334.57	56306.76563	56370.59723	56324.19531	505173.2	5409747.8

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5170.1	505173.2	5409746.0	21758.80078	375.60	0	48.840666	-86.929497	56303.00	56218.1	31.91	56334.90	56307.05859	56373.51444	56326.74219	505173.2	5409746.0
L5170.1	505173.2	5409746.0	21758.90039	373.90	0	48.840666	-86.929497	56302.79	56218.1	31.91	56334.70	56306.83203	56362.43533	56315.29297	505173.2	5409746.0
L5170.1	505173.2	5409744.8	21759.00000	371.89	0	48.840655	-86.929497	56302.87	56218.1	31.91	56334.78	56306.89063	56358.67605	56311.17578	505173.2	5409744.8
L5170.1	505173.2	5409743.3	21759.09961	371.95	0	48.840642	-86.929497	56303.02	56218.1	31.91	56334.93	56307.03125	56356.69795	56308.85547	505173.2	5409743.3
L5170.1	505173.2	5409743.3	21759.19922	372.55	0	48.840642	-86.929497	56302.95	56218.1	31.91	56334.86	56306.96094	56348.85659	56300.68750	505173.2	5409743.3
L5170.1	505173.2	5409741.5	21759.30078	374.48	0	48.840625	-86.929497	56303.13	56218.1	31.91	56335.05	56307.16016	56347.78120	56299.30469	505173.2	5409741.5
L5170.1	505173.2	5409739.7	21759.40039	374.31	0	48.840609	-86.929497	56303.02	56218.1	31.91	56334.93	56307.05859	56338.45631	56289.67969	505173.2	5409739.7
L5170.1	505173.2	5409738.7	21759.50000	372.35	0	48.840600	-86.929497	56303.56	56218.1	31.92	56335.48	56307.64063	56346.67652	56297.62109	505173.2	5409738.7
L5170.1	505173.2	5409738.7	21759.59961	369.49	0	48.840600	-86.929497	56303.48	56218.1	31.92	56335.39	56307.58984	56337.94413	56288.63672	505173.2	5409738.7
L5170.1	505173.2	5409737.3	21759.69922	370.98	0	48.840588	-86.929496	56303.66	56218.1	31.92	56335.58	56307.83203	56336.47501	56286.93750	505173.2	5409737.3
L5170.1	505173.3	5409735.8	21759.69922	370.98	0	48.840574	-86.929496	56303.48	56218.1	31.92	56335.39	56307.70703	56324.88611	56275.14453	505173.3	5409735.8
L5170.1	505173.3	5409735.8	21759.90039	370.60	0	48.840574	-86.929496	56304.00	56218.1	31.92	56335.92	56308.31641	56332.13346	56282.21094	505173.3	5409735.8
L5170.1	505173.3	5409734.0	21760.00000	370.72	0	48.840558	-86.929496	56303.86	56218.1	31.92	56335.78	56308.26563	56321.61502	56271.53906	505173.3	5409734.0
L5170.1	505173.3	5409733.1	21760.09961	371.52	0	48.840550	-86.929496	56304.20	56218.1	31.92	56336.11	56308.69922	56323.34089	56273.14063	505173.3	5409733.1
L5170.1	505173.3	5409731.8	21760.19922	367.38	0	48.840538	-86.929495	56304.51	56218.1	31.92	56336.43	56309.13281	56324.66911	56274.38281	505173.3	5409731.8
L5170.1	505173.3	5409731.8	21760.30078	368.52	0	48.840538	-86.929495	56304.71	56218.1	31.92	56336.63	56309.46484	56322.69980	56272.36328	505173.3	5409731.8
L5170.1	505173.4	5409728.9	21760.40039	368.68	0	48.840512	-86.929494	56304.91	56218.1	31.92	56336.83	56309.80859	56320.58911	56270.23047	505173.4	5409728.9
L5170.1	505173.4	5409728.9	21760.50000	370.91	0	48.840512	-86.929494	56304.96	56218.1	31.92	56336.88	56310.01953	56314.38489	56264.03906	505173.4	5409728.9
L5170.1	505173.5	5409727.6	21760.59961	372.32	0	48.840500	-86.929493	56305.45	56218.1	31.92	56337.36	56310.67578	56319.35534	56269.07031	505173.5	5409727.6
L5170.1	505173.5	5409727.6	21760.69922	370.67	0	48.840500	-86.929493	56305.42	56218.1	31.92	56337.34	56310.84375	56311.01273	56260.82813	505173.5	5409727.6
L5170.1	505173.5	5409726.1	21760.80078	370.34	0	48.840487	-86.929493	56305.81	56218.1	31.92	56337.72	56311.42969	56313.05126	56263.01172	505173.5	5409726.1
L5170.1	505173.6	5409724.6	21760.90039	370.30	0	48.840473	-86.929492	56305.98	56218.1	31.92	56337.90	56311.83594	56309.67243	56259.82031	505173.6	5409724.6
L5170.1	505173.7	5409723.1	21761.00000	371.35	0	48.840459	-86.929491	56306.46	56218.1	31.92	56338.38	56312.55469	56314.03971	56264.42188	505173.7	5409723.1
L5170.1	505173.7	5409723.1	21761.09961	374.73	0	48.840459	-86.929491	56306.70	56218.1	31.92	56338.61	56313.03906	56311.67175	56262.33594	505173.7	5409723.1
L5170.1	505173.7	5409721.8	21761.19922	376.37	0	48.840448	-86.929490	56307.06	56218.1	31.92	56338.98	56313.68359	56312.83653	56263.83984	505173.7	5409721.8
L5170.1	505173.8	5409720.3	21761.30078	376.79	0	48.840434	-86.929490	56307.25	56218.1	31.92	56339.17	56314.16797	56309.10897	56260.50391	505173.8	5409720.3
L5170.1	505173.8	5409720.3	21761.40039	375.09	0	48.840434	-86.929490	56307.49	56218.1	31.92	56339.41	56314.71484	56306.54508	56258.37891	505173.8	5409720.3
L5170.1	505173.8	5409719.0	21761.50000	375.00	0	48.840423	-86.929489	56308.02	56218.1	31.92	56339.94	56315.57422	56311.46446	56263.79688	505173.8	5409719.0
L5170.1	505173.8	5409717.6	21761.59961	372.02	0	48.840411	-86.929488	56308.56	56218.1	31.92	56340.48	56316.46094	56316.49604	56269.38281	505173.8	5409717.6
L5170.1	505173.9	5409716.4	21761.69922	371.56	0	48.840399	-86.929488	56308.79	56218.1	31.92	56340.71	56317.05859	56313.21586	56266.72266	505173.9	5409716.4
L5170.1	505173.9	5409716.4	21761.69922	371.56	0	48.840399	-86.929488	56308.84	56218.1	31.92	56340.76	56317.49219	56305.04811	56259.23828	505173.9	5409716.4
L5170.1	505173.9	5409714.7	21761.90039	369.20	0	48.840384	-86.929488	56309.71	56218.1	31.92	56341.63	56318.76953	56318.32323	56273.25391	505173.9	5409714.7
L5170.1	505173.9	5409713.3	21762.00000	371.14	0	48.840372	-86.929487	56310.14	56218.1	31.92	56342.06	56319.62109	56319.86891	56275.60547	505173.9	5409713.3
L5170.1	505173.9	5409713.3	21762.09961	371.97	0	48.840372	-86.929487	56310.68	56218.1	31.92	56342.60	56320.60938	56324.16806	56280.77734	505173.9	5409713.3
L5170.1	505173.9	5409712.0	21762.19922	371.15	0	48.840360	-86.929487	56311.06	56218.1	31.93	56342.99	56321.46484	56324.37748	56281.93359	505173.9	5409712.0
L5170.1	505173.9	5409712.0	21762.30078	366.46	0	48.840360	-86.929487	56311.52	56218.1	31.93	56343.45	56322.41016	56326.29193	56284.86328	505173.9	5409712.0
L5170.1	505174.0	5409710.6	21762.40039	367.20	0	48.840347	-86.929487	56311.77	56218.1	31.93	56343.71	56323.17578	56322.80522	56282.46094	505174.0	5409710.6
L5170.1	505174.0	5409709.2	21762.50000	366.73	0	48.840335	-86.929487	56312.34	56218.1	31.93	56344.27	56324.26172	56327.08442	56287.89844	505174.0	5409709.2
L5170.1	505174.0	5409709.2	21762.59961	366.89	0	48.840335	-86.929487	56312.83	56218.1	31.94	56344.77	56325.31250	56329.65402	56291.69922	505174.0	5409709.2
L5170.1	505174.0	5409707.9	21762.69922	368.21	0	48.840323	-86.929486	56313.46	56218.1	31.94	56345.40	56326.51172	56335.51940	56298.87891	505174.0	5409707.9
L5170.1	505174.1	5409706.7	21762.80078	369.48	0	48.840312	-86.929486	56314.23	56218.1	31.94	56346.17	56327.87500	56344.94683	56309.69531	505174.1	5409706.7
L5170.1	505174.1	5409706.7	21762.90039	371.33	0	48.840312	-86.929486	56314.73	56218.1	31.95	56346.68	56328.99609	56347.40791	56313.62109	505174.1	5409706.7
L5170.1	505174.1	5409705.3	21763.00000	373.77	0	48.840300	-86.929485	56315.10	56218.1	31.95	56347.05	56330.00391	56346.06521	56313.82813	505174.1	5409705.3
L5170.1	505174.1	5409704.0	21763.09961	372.20	0	48.840288	-86.929485	56315.29	56218.1	31.95	56347.24	56330.85156	56339.86874	56309.26172	505174.1	5409704.0
L5170.1	505174.2	5409702.7	21763.19922	370.68	0	48.840276	-86.929484	56315.93	56218.1	31.94	56347.88	56332.17188	56345.40881	56316.51563	505174.2	5409702.7
L5170.1	505174.2	5409702.7	21763.30078	370.61	0	48.840276	-86.929484	56316.68	56218.1	31.94	56348.62	56333.61328	56353.47357	56326.37891	505174.2	5409702.7
L5170.1	505174.2	5409701.6	21763.40039	369.61	0	48.840266	-86.929484	56317.70	56218.1	31.94	56349.64	56335.35938	56368.80540	56343.59375	505174.2	5409701.6
L5170.1	505174.2	5409700.8	21763.50000	369.59	0	48.840259	-86.929483	56318.14	56218.1	31.93	56350.07	56336.53516	56368.50153	56345.25781	505174.2	5409700.8
L5170.1	505174.2	5409700.8	21763.59961	370.16	0	48.840259	-86.929483	56318.51	56218.1	31.93	56350.44	56337.67578	56366.51935	56345.33594	505174.2	5409700.8
L5170.1	505174.3	5409699.3	21763.69922	369.18	0	48.840245	-86.929483	56318.72	56218.1	31.93	56350.65	56338.67578	56360.22916	56341.19531	505174.3	5409699.3
L5170.1	505174.3	5409698.2	21763.69922	369.18	0	48.840235	-86.929483	56319.46	56218.1	31.93	56351.39	56340.23438	56367.80088	56351.00391	505174.3	5409698.2
L5170.1	505174.3	5409698.2	21763.90039	372.93	0	48.840235	-86.929483	56319.94	56218.1	31.92	56351.86	56341.53906	56368.17461	56353.70313	505174.3	5409698.2
L5170.1	505174.3	5409697.0	21764.00000	374.55	0	48.840225	-86.929482	56320.41	56218.1	31.92	56352.33	56342.87109	56368.46209	56356.40625	505174.3	5409697.0
L5170.1	505174.3	5409695.8	21764.09961	374.70	0	48.840214	-86.929482	56321.12	56218.1	31.92	56353.04	56344.46484	56374.98516	56365.44141	505174.3	5409695.8
L5170.1	505174.3	5409695.8	21764.19922	373.32	0	48.840214	-86.929482	56321.50	56218.1	31.92	56353.42	56345.75000	56372.73930	56365.80078	505174.3	5409695.8
L5170.1	505174.3	5409694.7	21764.30078	372.71	0	48.840204	-86.929482	56322.29	56218.1	31.92	56354.21	56347.46875	56381.21054	56376.97266	505174.3	5409694.7
L5170.1	505174.3	5409693.5	21764.40039	369.97	0	48.840193	-86.929482	56323.21	56218.1	31.92	56355.13	56349.34375	56393.02952	56391.58203	505174.3	5409693.5
L5170.1	505174.3	5409692.4	21764.50000	368.54	0	48.840184	-86.929482	56324.21	56218.1	31.92	56356.13	56351.31641	56406.88241	56408.31641	505174.3	5409692.4
L5170.1	505174.3	5409692.4	21764.59961	371.26	0	48.840184	-86.929482	56324.64	56218.1	31.92	56356.56	56352.74609	56405.65800	56410.07422	505174.3	5409692.4
L5170.1	505174.3	5409691.5	21764.69922	372.88	0	48.840176	-86.929482	56324.89	56218.1	31.92	56356.81	56354.01563	56399.62688	56407.12109	505174.3	5409691.5
L5170.1	505174.3	5409691.5	21764.80078	372.92	0	48.840176	-86.929482	56325.07	56218.1	31.92	56356.99	56355.23828	56391.68748	56402.35156	505174.3	5409691.5
L5170.1	505174.3	5409690.4	21764.90039	372.41	0	48.840166	-86.929482	56325.70	56218.1	31.92	56357.62	56356.93359	56395.53289	56409.46484	505174.3	5409690.4
L5170.1	505174.3	5409689.4	21765.00000	369.87	0	48.840157	-86.929482	56326.38	56218.1	31.92	56358.30	56358.69922	56400.63365	56417.92578	505174.3	5409689.4
L5170.1	505174.3	5409688.3	21765.09961	368.50	0	48.840147	-86.929482	56326.70	56218.1	31.92	56358.62	56360.12891	56396.19690	56416.94922	505174.3	5409688.3
L5170.1	505174.3	5409688.3	21765.19922	368.34	0	48.840147	-86.929482	56327.45	56218.1	31.92	56359.36	56362.00000	56402.76084	56427.06641	505174.3	5409688.3
L5170.1	505174.3	5409687.4	21765.30078	365.95	0	48.840138	-86.929482	56328.08	56218.1	31.91	56359.99	56363.78516	56406.37291	56434.32813	505174.3	5409687.4
L5170.1	505174.3	5409686.5	21765.40039	367.20	0	48.840131	-86.929483	56329.01	56218.1	31.91	56360.92	56365.88672	56417.82941	56449.52734	505174.3	5409686.5
L5170.1	505174.3	5409686.5	21765.50000	372.49	0	48.840131	-86.929483	56329.51	56218.1	31.91	56361.42	56367.58594	56417.91180	56453.44922	505174.3	5409686.5
L5170.1	505174.3	5409685.7	21765.59961	375.34	0	48.840123	-86.929483	56330.30	56218.1	31.91	56362.21	56369.59375	56425.57805	56465.05078	505174.3	5409685.7
L5170.1	505174.3	5409684.7	21765.69922	375.88	0	48.840115	-86.929483	56330.79	56218.1	31.91	56362.70	56371.32422	56425.29536	56468.79688	505174.3	5409684.7
L5170.1	505174.3	5409684.7	21765.69922	375.88	0	48.840115	-86.929483	56331.02	56218.1	31.91	56362.93	56372.81250	56418.11792	56465.74219	505174.3	5409684.7
L5170.1	505174.2	5409683.8	21765.90039	374.58	0	48.840106	-86.929483	56331.73	56218.1	31.90	56363.64	56374.80469	56423.52988	56475.36719	505174.2	5409683.8
L5170.1	505174.2	5409682.7	21766.00000	373.27	0	48.840096	-86.929484	56332.24	56218.1	31.90	56364.14	56376.60547	56423.36521	56479.51172	505174.2	5409682.7
L5170.1	505174.2	5409681.8	21766.09961	372.85	0	48.840088	-86.929484	56332.78	56218.1	31.90	56364.68	56378.46875	56424.20676	56484.75000	505174.2	5409681.8
L5170.1	505174.2	5409681.8	21766.19922	368.28	0	48.840088	-86.929484	56333.06	56218.1	31.90	56364.96	56380.08984	56418.15644	56483.19141	505174.2	5409681.8
L5170.1	505174.1	5409680.7	21766.30078	368.98	0	48.840078	-86.929485	56334.00	56218.1	31.91	56365.91	56382.39844	56429.70038	56499.31641	505174.1	5409680.7
L5170.1	505174.1	5409680.7	21766.40039	368.52	0	48.840078	-86.929485	56334.14	56218.1	31.91	56366.05	56383.92188	56419.87238	56494.15625	505174.1	5409680.7
L5170.1	505174.1	5409679.9	21766.50000	372.42	0	48.840071	-86.929485	56335.13	56218.1	31.91	56367.04	56386.31250	56432.37831	56511.41406	505174.1	5409679.9
L5170.1	505174.1	5409679.9	21766.59961	371.49	0	48.840071	-86.929485	56335.74	56218.1	31.91	56367.65	56388.33984	56434.83391	56518.71484	505174.1	5409679.9
L5170.1	505174.1	5409679.1	21766.69922	368.59	0	48.840064	-86.929486	56336.32	56218.1	31.91	56368.24	56390.36719	56436.71750	56525.52344	505174.1	5409679.1
L5170.1	505174.0	5409678.3	21766.80078	367.96	0	48.840057	-86.929486	56336.61	56218.1	31.92	56368.52	56392.10156	56430.39361	56524.21094	505174.0	5409678.3
L5170.1	505174.0	5409677.4	21766.90039	365.27	0	48.840049	-86.929487	56336.99	56218.1	31.92	56368.91	56393.96484	56426.92006	56525.83203	505174.0	5409677.4
L5170.1	505174.0	5409677.4	21767.00000	367.15	0	48.840049	-86.929487	56337.38	56218.1	31.92	56369.29	56395.83203	56423.13707	56527.22266	505174.0	5409677.4
L5170.1	505174.0	5409676.6	21767.09961	367.22	0	48.840041	-86.929487	56337.86	56218.1	31.92	56369.77	56397.82031	56421.94036	56531.27734	505174.0	5409676.6
L5170.1	505173.9	5409676.0	21767.19922	368.07	0	48.840036	-86.929488	56338.88	56218.1	31.91	56370.79	56400.36328	56434.91405	56549.58594	505173.9	5409676.0
L5170.1	505173.9	5409675.3	21767.30078	371.42	0	48.840030	-86.929488	56339.06	56218.1	31.91	56370.96	56402.07422	56425.46058	56545.53906	505173.9	5409675.3
L5170.1	505173.9	5409675.3	21767.40039	373.84	0	48.840030	-86.929488	56339.77	56218.1	31.90	56371.68	56404.34766	56430.43947	56556.00000	505173.9	5409675.3
L5170.1	505173.9	5409674.7	21767.50000	374.47	0	48.840024	-86.929489	56339.82	56218.1	31.90	56371.72	56405.96094	56417.46560	56548.57813	505173.9	5409674.7
L5170.1	505173.8	5409673.8	21767.59961	375.12	0	48.840016	-86.929490	56340.18	56218.1	31.90	56372.08	56407.90625	56412.86682	56549.60156	505173.8	5409673.8
L5170.1	505173.8	5409673.8	21767.69922	373.71	0	48.840016	-86.929490	56340.64	56218.1	31.89	56372.53	56409.95703	56410.58657	56553.01563	505173.8	5409673.8
L5170.1	505173.8	5409673.2	21767.69922	373.71	0	48.840011	-86.929490	56340.97	56218.1	31.89	56372.86	56411.89844	56405.09480	56553.28516	505173.8	5409673.2
L5170.1	505173.7	5409672.5	21767.90039	374.91	0	48.840004	-86.929491	56341.53	56218.1	31.88	56373.42	56414.08594	56405.60545	56559.61719	505173.7	5409672.5
L5170.1	505173.7	5409672.5	21768.00000	374.06	0	48.840004	-86.929491	56341.89	56218.1	31.88	56373.77	56416.07813	56400.53274	56560.42969	505173.7	5409672.5

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5170.1	505173.7	5409671.8	21768.09961	372.96	0	48.839999	-86.929491	56342.04	56218.1	31.88	56373.92	56417.88281	56390.13869	56555.98047	505173.7	5409671.8
L5170.1	505173.6	5409671.3	21768.19922	375.28	0	48.839993	-86.929492	56342.45	56218.1	31.88	56374.33	56419.95703	56386.53323	56558.37891	505173.6	5409671.3
L5170.1	505173.6	5409671.3	21768.30078	375.44	0	48.839993	-86.929492	56343.04	56218.1	31.88	56374.92	56422.22266	56387.60869	56565.51172	505173.6	5409671.3
L5170.1	505173.6	5409670.6	21768.40039	373.97	0	48.839988	-86.929492	56343.39	56218.1	31.88	56375.27	56424.26172	56382.30556	56566.31641	505173.6	5409670.6
L5170.1	505173.6	5409670.0	21768.50000	372.58	0	48.839982	-86.929493	56343.84	56218.1	31.88	56375.71	56426.39844	56379.31084	56569.48047	505173.6	5409670.0
L5170.1	505173.5	5409669.6	21768.59961	370.45	0	48.839979	-86.929493	56344.29	56218.1	31.87	56376.16	56428.55469	56376.51668	56572.89453	505173.5	5409669.6
L5170.1	505173.5	5409669.6	21768.69922	369.14	0	48.839979	-86.929493	56344.78	56218.1	31.87	56376.65	56430.76172	56374.71132	56577.34375	505173.5	5409669.6
L5170.1	505173.5	5409669.0	21768.80078	370.61	0	48.839973	-86.929494	56344.88	56218.1	31.87	56376.75	56432.58984	56362.57174	56571.50000	505173.5	5409669.0
L5170.1	505173.5	5409668.4	21768.90039	373.49	0	48.839967	-86.929494	56345.23	56218.1	31.87	56377.10	56434.67188	56356.94660	56572.21094	505173.5	5409668.4
L5170.1	505173.5	5409668.4	21769.00000	372.87	0	48.839967	-86.929494	56345.57	56218.1	31.87	56377.44	56436.75391	56350.98864	56572.62500	505173.5	5409668.4
L5170.1	505173.4	5409667.9	21769.09961	371.65	0	48.839963	-86.929495	56345.82	56218.1	31.87	56377.69	56438.75391	56342.58973	56570.63672	505173.4	5409667.9
L5170.1	505173.4	5409667.5	21769.19922	370.91	0	48.839960	-86.929495	56346.28	56218.1	31.87	56378.15	56440.96875	56339.64659	56574.13281	505173.4	5409667.5
L5170.1	505173.4	5409667.0	21769.30078	367.47	0	48.839955	-86.929496	56346.41	56218.1	31.87	56378.27	56442.85156	56327.67646	56568.62891	505173.4	5409667.0
L5170.1	505173.4	5409667.0	21769.40039	366.33	0	48.839955	-86.929496	56346.72	56218.1	31.87	56378.58	56444.92969	56320.63155	56568.07813	505173.4	5409667.0
L5170.1	505173.3	5409666.5	21769.40039	366.33	0	48.839951	-86.929496	56346.61	56218.1	31.87	56378.48	56446.60156	56302.71258	56556.67969	505173.3	5409666.5
L5170.1	505173.3	5409666.2	21769.59961	366.18	0	48.839948	-86.929496	56346.89	56218.1	31.86	56378.76	56448.65625	56294.71710	56555.21875	505173.3	5409666.2
L5170.1	505173.3	5409665.7	21769.69922	366.18	0	48.839943	-86.929497	56346.97	56218.1	31.86	56378.84	56450.51563	56281.37229	56548.43359	505173.3	5409665.7
L5170.1	505173.3	5409665.7	21769.69922	366.83	0	48.839943	-86.929497	56347.48	56218.1	31.86	56379.34	56452.79688	56278.99970	56552.62891	505173.3	5409665.7
L5170.1	505173.2	5409665.2	21769.80078	365.99	0	48.839939	-86.929497	56347.94	56218.1	31.86	56379.80	56455.04297	56275.48584	56555.69922	505173.2	5409665.2
L5170.1	505173.2	5409665.2	21770.00000	366.80	0	48.839939	-86.929497	56348.02	56218.1	31.86	56379.88	56456.91016	56261.87658	56548.67969	505173.2	5409665.2
L5170.1	505173.2	5409664.6	21770.09961	366.80	0	48.839933	-86.929498	56348.25	56218.1	31.86	56380.11	56458.92578	56252.12374	56545.52344	505173.2	5409664.6
L5170.1	505173.2	5409664.6	21770.19922	367.15	0	48.839933	-86.929498	56348.27	56218.1	31.86	56380.13	56460.73438	56236.74651	56536.74609	505173.2	5409664.6
L5180.0	505172.0	5409741.6	10724.29981	323.76	55.53	48.840627	-86.929513	56301.14	56250.7	-0.74	56300.40	56303.98438	56315.08781	56368.60547	505172.0	5409741.6
L5180.0	505172.0	5409741.6	10724.40039	321.40	55.42	48.840627	-86.929513	56300.88	56250.7	-0.74	56300.14	56303.45313	56314.03721	56366.73438	505172.0	5409741.6
L5180.0	505172.0	5409741.5	10724.50000	321.85	55.26	48.840625	-86.929513	56300.72	56250.7	-0.74	56299.98	56303.01953	56315.67860	56367.55078	505172.0	5409741.5
L5180.0	505172.0	5409741.3	10724.59961	321.68	55.26	48.840624	-86.929513	56300.55	56250.7	-0.74	56299.81	56302.57422	56317.49428	56368.54688	505172.0	5409741.3
L5180.0	505172.0	5409741.1	10724.70020	321.93	55.26	48.840622	-86.929513	56300.42	56250.7	-0.74	56299.68	56302.17188	56320.58632	56370.81250	505172.0	5409741.1
L5180.0	505172.0	5409740.9	10724.79981	323.09	55.23	48.840620	-86.929514	56300.22	56250.7	-0.74	56299.48	56301.69922	56322.55076	56371.95313	505172.0	5409740.9
L5180.0	505172.0	5409740.7	10724.90039	323.84	55.23	48.840618	-86.929514	56300.12	56250.7	-0.74	56299.38	56301.32422	56327.07840	56375.65625	505172.0	5409740.7
L5180.0	505172.0	5409740.7	10725.00000	324.41	55.22	48.840618	-86.929514	56299.96	56250.7	-0.74	56299.22	56300.89063	56330.72448	56378.47266	505172.0	5409740.7
L5180.0	505171.9	5409740.4	10725.09961	323.45	54.69	48.840616	-86.929514	56299.70	56250.7	-0.74	56298.96	56300.35156	56332.69327	56379.61328	505171.9	5409740.4
L5180.0	505171.9	5409740.1	10725.20020	323.43	54.69	48.840613	-86.929514	56299.40	56250.7	-0.75	56298.65	56299.76563	56334.08623	56380.17578	505171.9	5409740.1
L5180.0	505171.9	5409740.1	10725.29981	319.01	51.71	48.840613	-86.929514	56299.02	56250.7	-0.75	56298.27	56299.10938	56334.51216	56379.76953	505171.9	5409740.1
L5180.0	505171.9	5409739.8	10725.40039	318.77	51.71	48.840610	-86.929515	56298.50	56250.8	-0.75	56297.75	56298.30859	56332.52697	56376.94922	505171.9	5409739.8
L5180.0	505171.9	5409739.4	10725.50000	319.99	50.6	48.840607	-86.929515	56297.99	56250.8	-0.75	56297.24	56297.51953	56331.24785	56374.83203	505171.9	5409739.4
L5180.0	505171.9	5409739.4	10725.59961	320.41	50.8	48.840607	-86.929515	56297.36	56250.8	-0.76	56296.61	56296.60938	56327.95616	56370.69922	505171.9	5409739.4
L5180.0	505171.9	5409739.1	10725.70020	319.04	50.8	48.840604	-86.929515	56296.69	56250.8	-0.76	56295.93	56295.64844	56324.08310	56365.98047	505171.9	5409739.1
L5180.0	505171.9	5409738.8	10725.79981	318.57	51.21	48.840601	-86.929515	56295.93	56250.8	-0.76	56295.17	56294.60156	56318.97193	56360.02344	505171.9	5409738.8
L5180.0	505171.8	5409738.5	10725.90039	318.31	55.59	48.840598	-86.929515	56295.14	56250.8	-0.77	56294.37	56293.51563	56313.41844	56353.62109	505171.8	5409738.5
L5180.0	505171.8	5409738.5	10726.00000	319.22	55.59	48.840598	-86.929515	56294.34	56250.8	-0.77	56293.57	56292.42969	56308.22872	56347.57422	505171.8	5409738.5
L5180.0	505171.8	5409738.1	10726.00000	319.22	56.47	48.840595	-86.929516	56293.61	56250.8	-0.77	56292.84	56291.41016	56304.86477	56343.35547	505171.8	5409738.1
L5180.0	505171.8	5409737.7	10726.20020	321.27	57.07	48.840591	-86.929516	56292.81	56250.8	-0.76	56292.05	56290.33203	56300.55800	56338.18359	505171.8	5409737.7
L5180.0	505171.8	5409737.2	10726.29981	322.32	57.07	48.840587	-86.929516	56292.00	56250.8	-0.76	56291.24	56289.22656	56296.12294	56332.88281	505171.8	5409737.2
L5180.0	505171.8	5409737.2	10726.40039	323.14	57.14	48.840587	-86.929516	56291.23	56250.8	-0.76	56290.48	56288.17188	56293.04666	56328.93750	505171.8	5409737.2
L5180.0	505171.8	5409736.8	10726.50000	323.95	57.14	48.840583	-86.929516	56290.44	56250.8	-0.75	56289.69	56287.08594	56289.58623	56324.60547	505171.8	5409736.8
L5180.0	505171.8	5409736.3	10726.59961	324.73	56.49	48.840579	-86.929516	56289.68	56250.8	-0.75	56288.92	56286.01953	56286.80724	56320.94531	505171.8	5409736.3
L5180.0	505171.8	5409736.0	10726.70020	325.17	56.49	48.840576	-86.929517	56288.84	56250.7	-0.75	56288.09	56284.88672	56282.92129	56316.17578	505171.8	5409736.0
L5180.0	505171.8	5409736.0	10726.79981	328.02	57.03	48.840576	-86.929517	56288.07	56250.7	-0.75	56287.32	56283.81641	56280.56146	56312.92969	505171.8	5409736.0
L5180.0	505171.8	5409735.4	10726.90039	328.41	57.45	48.840571	-86.929517	56287.23	56250.7	-0.74	56286.48	56282.66797	56276.79771	56308.27344	505171.8	5409735.4
L5180.0	505171.8	5409735.0	10727.00000	328.01	57.73	48.840567	-86.929517	56286.38	56250.7	-0.74	56285.64	56281.52344	56273.15946	56303.73828	505171.8	5409735.0
L5180.0	505171.7	5409734.5	10727.09961	327.28	57.73	48.840563	-86.929517	56285.54	56250.7	-0.74	56284.80	56280.37109	56269.61823	56299.29297	505171.7	5409734.5
L5180.0	505171.7	5409733.9	10727.20020	315.13	57.38	48.840557	-86.929517	56284.74	56250.7	-0.74	56284.00	56279.25781	56267.07077	56295.83594	505171.7	5409733.9
L5180.0	505171.7	5409733.4	10727.29981	313.53	57.38	48.840552	-86.929517	56283.89	56250.7	-0.74	56283.15	56278.09375	56263.40703	56291.26172	505171.7	5409733.4
L5180.0	505171.7	5409732.8	10727.40039	323.68	57.56	48.840547	-86.929517	56283.02	56250.7	-0.74	56282.28	56276.90625	56259.27650	56286.21484	505171.7	5409732.8
L5180.0	505171.7	5409732.8	10727.50000	323.73	57.56	48.840547	-86.929517	56282.17	56250.7	-0.74	56281.43	56275.73828	56255.58383	56281.59766	505171.7	5409732.8
L5180.0	505171.7	5409731.9	10727.59961	323.26	58.31	48.840539	-86.929517	56281.28	56250.7	-0.73	56280.55	56274.53516	56251.11392	56276.19922	505171.7	5409731.9
L5180.0	505171.7	5409731.3	10727.70020	321.84	58.31	48.840533	-86.929517	56280.46	56250.7	-0.73	56279.72	56273.37891	56247.72666	56271.87891	505171.7	5409731.3
L5180.0	505171.7	5409731.3	10727.79981	322.18	58.33	48.840533	-86.929517	56279.60	56250.7	-0.73	56278.87	56272.20313	56243.71557	56266.92969	505171.7	5409731.3
L5180.0	505171.7	5409730.6	10727.90039	324.18	58.33	48.840528	-86.929517	56278.80	56250.7	-0.73	56278.07	56271.07031	56240.70583	56262.97656	505171.7	5409730.6
L5180.0	505171.7	5409730.0	10728.00000	325.17	50.21	48.840522	-86.929517	56277.94	56250.7	-0.73	56277.21	56269.87891	56236.01284	56257.33203	505171.7	5409730.0
L5180.0	505171.7	5409729.2	10728.00000	325.17	50.21	48.840515	-86.929518	56277.11	56250.7	-0.73	56276.38	56268.71484	56231.73800	56252.10547	505171.7	5409729.2
L5180.0	505171.7	5409729.2	10728.20020	325.84	49.97	48.840515	-86.929518	56276.33	56250.7	-0.73	56275.60	56267.59375	56228.30353	56247.71094	505171.7	5409729.2
L5180.0	505171.7	5409728.6	10728.29981	327.20	50.16	48.840509	-86.929518	56275.54	56250.7	-0.74	56274.80	56266.45313	56223.96419	56242.40625	505171.7	5409728.6
L5180.0	505171.7	5409728.0	10728.40039	327.04	50.15	48.840504	-86.929518	56274.75	56250.7	-0.74	56274.02	56265.33203	56219.62020	56237.08984	505171.7	5409728.0
L5180.0	505171.7	5409727.3	10728.50000	328.19	50.15	48.840497	-86.929518	56274.02	56250.7	-0.74	56273.28	56264.24609	56215.69359	56232.19141	505171.7	5409727.3
L5180.0	505171.6	5409726.7	10728.59961	326.76	50.66	48.840492	-86.929519	56273.29	56250.7	-0.74	56272.55	56263.16797	56211.40427	56226.92188	505171.6	5409726.7
L5180.0	505171.6	5409726.0	10728.70020	325.63	50.66	48.840486	-86.929519	56272.63	56250.7	-0.74	56271.88	56262.14453	56207.88430	56222.41797	505171.6	5409726.0
L5180.0	505171.6	5409726.0	10728.79981	326.84	50.66	48.840486	-86.929519	56272.07	56250.7	-0.75	56271.33	56261.24219	56206.49158	56220.03516	505171.6	5409726.0
L5180.0	505171.6	5409725.2	10728.90039	325.98	52.15	48.840479	-86.929519	56271.56	56250.7	-0.75	56270.81	56260.36328	56204.99968	56217.54688	505171.6	5409725.2
L5180.0	505171.6	5409724.6	10729.00000	324.33	51.77	48.840473	-86.929519	56271.07	56250.8	-0.75	56270.32	56259.51563	56203.33318	56214.88281	505171.6	5409724.6
L5180.0	505171.6	5409723.6	10729.09961	323.04	51.77	48.840465	-86.929519	56270.56	56250.8	-0.75	56269.80	56258.63672	56199.99533	56210.54297	505171.6	5409723.6
L5180.0	505171.6	5409723.6	10729.20020	322.88	60.29	48.840465	-86.929519	56270.21	56250.8	-0.75	56269.46	56257.92969	56199.84999	56209.39063	505171.6	5409723.6
L5180.0	505171.6	5409722.8	10729.29981	323.03	60.37	48.840457	-86.929519	56269.84	56250.8	-0.75	56269.09	56257.19531	56197.85645	56206.38281	505171.6	5409722.8
L5180.0	505171.6	5409721.9	10729.40039	321.97	60.37	48.840449	-86.929519	56269.68	56250.8	-0.75	56268.92	56256.65625	56199.28858	56206.80078	505171.6	5409721.9
L5180.0	505171.6	5409721.2	10729.50000	323.52	60.18	48.840443	-86.929519	56269.46	56250.8	-0.76	56268.70	56256.06641	56198.21497	56204.70703	505171.6	5409721.2
L5180.0	505171.6	5409721.2	10729.59961	322.59	60.09	48.840443	-86.929519	56269.28	56250.8	-0.76	56268.53	56255.52344	56196.87074	56202.33984	505171.6	5409721.2
L5180.0	505171.6	5409720.2	10729.70020	322.91	60.09	48.840434	-86.929518	56269.16	56250.8	-0.76	56268.40	56255.01953	56194.92148	56199.36328	505171.6	5409720.2
L5180.0	505171.7	5409719.0	10729.79981	324.48	59.57	48.840423	-86.929518	56269.11	56250.8	-0.76	56268.35	56254.59375	56193.17957	56196.59375	505171.7	5409719.0
L5180.0	505171.8	5409718.2	10729.90039	324.11	59.57	48.840416	-86.929517	56269.08	56250.8	-0.76	56268.32	56254.18750	56190.16396	56192.54688	505171.8	5409718.2
L5180.0	505171.8	5409718.2	10730.00000	323.36	55.94	48.840416	-86.929517	56269.21	56250.8	-0.76	56268.45	56253.93750	56188.94761	56190.29297	505171.8	5409718.2
L5180.0	505171.9	5409716.4	10730.00000	323.36	55.94	48.840399	-86.929515	56269.36	56250.8	-0.76	56268.60	56253.70313	56186.23706	56186.54688	505171.9	5409716.4
L5180.0	505171.9	5409716.4	10730.09961	322.88	53.05	48.840399	-86.929515	56269.69	56250.8	-0.76	56268.93	56253.65234	56185.54661	56184.81641	505171.9	5409716.4
L5180.0	505172.0	5409715.3	10730.20020	323.68	58.05	48.840390	-86.929514	56270.06	56250.8	-0.76	56269.29	56253.62500	56183.38845	56181.61328	505172.0	5409715.3
L5180.0	505172.1	5409714.3	10730.20020	323.68	58.05	48.840380	-86.929513	56270.50	56250.8	-0.76	56269.74	56253.69141	56181.02711	56178.21094	505172.1	5409714.3
L5180.0	505172.1	5409714.3	10730.50000	320.44	51.23	48.840380	-86.929513	56270.97	56250.8	-0.76	56270.20	56253.76172	56176.56039	56172.69922	505172.1	5409714.3
L5180.0	505172.1	5409713.4	10730.59961	321.77	51.23	48.840372	-86.929512	56271.66	56250.8	-0.77	56270.89	56254.06250	56174.87423	56169.96875	505172.1	5409713.4
L5180.0	505172.2	5409712.5	10730.70020	322.02	58.43	48.840364	-86.929511	56272.37	56250.8	-0.77	56271.60	56254.38281	56171.12792	56165.17188	505172.2	5409712.5
L5180.0	505172.2	5409712.5	10730.79981	323.10	58.15	48.840364	-86.929511	56273.14	56250.8	-0.77	56272.37	56254.76172	56166.12856	56159.12500	505172.2	5409712.5
L5180.0	505172.2	5409711.1	10730.90039	321.93	58.15	48.840352	-86.929510	56274.11	56250.8	-0.77	56273.34	56255.34375	56162.96053	56154.91016	505172.2	5409711.1
L5180.0	505172.3	5409710.3	10731.00000	325.13	58.09	48.840345	-86.929510	56275.18	56250.8	-0.77	56274.41	56256.01953	56159.26771	56150.17188	505172.3	5409710.3
L5180.0	505172.3	5409709.5	10731.09961	326.05	58.4	48.840338	-86.929509	56276.33	56250.8	-0.77	56275.56	56256.77734	56154.50685	56144.36328	505172.3	5409709.5
L5180.0	505172.4	5409708.8	10731.20020	325.60	58.4	48.840331	-86.929509	56277.63	56250.8	-0.77	56276.86	56257.68750	56150.18588	56138.99609	505172.4	5409708.8
L5180.0	505172.4	5409708.8	10731.29981	323.95	58.61	48.840331	-86.929509	56279.12	56250.8	-0.77	56278.35	56258.78125	56147.14217	56134.90625	505172.4	5409708.8

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5180.0	505172.4	5409707.8	10731.40039	323.65	58.61	48.840322	-86.929508	56280.56	56250.8	-0.77	56279.79	56259.82813	56139.82469	56126.54688	505172.4	5409707.8
L5180.0	505172.4	5409706.8	10731.50000	322.83	58.56	48.840314	-86.929508	56282.28	56250.8	-0.77	56281.51	56261.15625	56135.70050	56121.38281	505172.4	5409706.8
L5180.0	505172.4	5409705.8	10731.59961	324.35	58.56	48.840304	-86.929508	56284.08	56250.8	-0.77	56283.31	56262.56641	56130.15276	56114.79297	505172.4	5409705.8
L5180.0	505172.4	5409704.8	10731.70020	325.34	58.38	48.840295	-86.929508	56286.08	56250.8	-0.77	56285.31	56264.17188	56125.90025	56109.50391	505172.4	5409704.8
L5180.0	505172.4	5409704.8	10731.79981	325.64	58.38	48.840295	-86.929508	56288.20	56250.8	-0.77	56287.43	56265.90234	56121.10048	56103.67188	505172.4	5409704.8
L5180.0	505172.4	5409703.6	10731.90039	323.88	52.68	48.840284	-86.929508	56290.54	56250.8	-0.77	56289.77	56267.85156	56118.03503	56099.57422	505172.4	5409703.6
L5180.0	505172.4	5409702.7	10732.00000	323.23	52.68	48.840276	-86.929508	56293.04	56250.8	-0.77	56292.27	56269.96094	56115.34245	56095.85938	505172.4	5409702.7
L5180.0	505172.3	5409701.5	10732.00000	323.23	52.84	48.840266	-86.929509	56295.73	56250.8	-0.77	56294.96	56272.26172	56113.72016	56093.21484	505172.3	5409701.5
L5180.0	505172.3	5409701.5	10732.20020	324.05	45.06	48.840266	-86.929509	56298.61	56250.8	-0.77	56297.83	56274.74609	56112.96020	56091.43750	505172.3	5409701.5
L5180.0	505172.3	5409700.5	10732.29981	322.07	45.06	48.840257	-86.929510	56301.72	56250.8	-0.78	56300.95	56277.47656	56114.60359	56092.06641	505172.3	5409700.5
L5180.0	505172.2	5409699.4	10732.40039	321.74	47.78	48.840246	-86.929511	56304.98	56250.8	-0.78	56304.20	56280.34375	56115.90487	56092.36328	505172.2	5409699.4
L5180.0	505172.2	5409698.3	10732.50000	323.45	47.78	48.840237	-86.929512	56308.48	56250.8	-0.78	56307.70	56283.46094	56119.51382	56094.97266	505172.2	5409698.3
L5180.0	505172.2	5409698.3	10732.59961	323.56	47.09	48.840237	-86.929512	56312.18	56250.8	-0.78	56311.40	56286.78125	56124.26695	56098.73438	505172.2	5409698.3
L5180.0	505172.1	5409697.3	10732.70020	325.21	47.09	48.840228	-86.929513	56316.04	56250.8	-0.78	56315.25	56290.25391	56129.03715	56102.51563	505172.1	5409697.3
L5180.0	505172.0	5409696.1	10732.79981	323.50	52.81	48.840217	-86.929514	56320.25	56250.8	-0.79	56319.46	56294.08594	56138.43328	56110.92969	505172.0	5409696.1
L5180.0	505171.9	5409694.7	10732.90039	323.36	52.81	48.840204	-86.929515	56324.48	56250.8	-0.79	56323.70	56297.95313	56145.22984	56116.75391	505171.9	5409694.7
L5180.0	505171.9	5409694.7	10733.00000	322.60	50.32	48.840204	-86.929515	56328.95	56250.8	-0.79	56328.16	56302.04297	56153.63869	56124.20313	505171.9	5409694.7
L5180.0	505171.8	5409693.6	10733.09961	323.19	44.99	48.840194	-86.929516	56333.62	56250.8	-0.79	56332.83	56306.34766	56163.50713	56133.11719	505171.8	5409693.6
L5180.0	505171.8	5409692.7	10733.20020	321.32	44.99	48.840187	-86.929517	56338.42	56250.8	-0.79	56337.63	56310.78125	56173.20956	56141.87109	505171.8	5409692.7
L5180.0	505171.8	5409692.7	10733.29981	321.87	49.48	48.840187	-86.929517	56343.45	56250.8	-0.79	56342.65	56315.43750	56184.84160	56152.56641	505171.8	5409692.7
L5180.0	505171.6	5409691.5	10733.40039	319.93	46	48.840176	-86.929519	56348.61	56250.8	-0.79	56347.81	56320.24219	56196.83663	56163.63672	505171.6	5409691.5
L5180.0	505171.5	5409690.3	10733.50000	319.41	46	48.840165	-86.929520	56353.98	56250.8	-0.80	56353.19	56325.26953	56211.14045	56177.02344	505171.5	5409690.3
L5180.0	505171.5	5409689.2	10733.59961	318.63	43.83	48.840155	-86.929521	56359.58	56250.8	-0.80	56358.78	56330.50781	56227.76836	56192.75000	505171.5	5409689.2
L5180.0	505171.3	5409688.1	10733.70020	319.54	43.83	48.840145	-86.929523	56365.26	56250.8	-0.80	56364.47	56335.85156	56244.54547	56208.63281	505171.3	5409688.1
L5180.0	505171.3	5409688.1	10733.79981	320.07	44.21	48.840145	-86.929523	56371.16	56250.8	-0.80	56370.37	56341.41016	56264.16254	56227.36719	505171.3	5409688.1
L5180.0	505171.2	5409686.9	10733.90039	322.55	44.09	48.840134	-86.929524	56377.16	56250.8	-0.80	56376.36	56347.06250	56284.22976	56246.56641	505171.2	5409686.9
L5180.0	505171.2	5409685.8	10734.00000	323.78	44.09	48.840124	-86.929526	56383.26	56250.8	-0.80	56382.46	56352.83203	56305.46152	56266.94141	505171.2	5409685.8
L5180.0	505171.1	5409684.7	10734.00000	323.78	46.12	48.840114	-86.929527	56389.52	56250.8	-0.80	56388.72	56358.76172	56329.27737	56289.91406	505171.1	5409684.7
L5180.0	505171.1	5409684.7	10734.20020	326.31	46.12	48.840114	-86.929527	56395.74	56250.8	-0.80	56394.93	56364.65234	56351.14607	56310.95313	505171.1	5409684.7
L5180.0	505170.9	5409683.2	10734.29981	325.29	45.21	48.840101	-86.929528	56402.14	56250.8	-0.81	56401.34	56370.74219	56377.05182	56336.04297	505170.9	5409683.2
L5180.0	505170.9	5409682.2	10734.40039	325.05	45.21	48.840092	-86.929530	56408.40	56250.8	-0.81	56407.59	56376.67969	56398.88888	56357.07813	505170.9	5409682.2
L5180.0	505170.8	5409681.1	10734.50000	325.98	43.62	48.840082	-86.929531	56414.75	56250.8	-0.81	56413.94	56382.72656	56422.89656	56380.30469	505170.8	5409681.1
L5180.0	505170.7	5409679.8	10734.59961	327.06	43.62	48.840070	-86.929532	56421.08	56250.8	-0.81	56420.27	56388.75391	56446.47450	56403.11328	505170.7	5409679.8
L5180.0	505170.6	5409678.8	10734.70020	327.30	44.8	48.840062	-86.929533	56427.48	56250.8	-0.81	56426.67	56394.85938	56471.93369	56427.81641	505170.6	5409678.8
L5180.0	505170.6	5409678.8	10734.79981	327.94	44.8	48.840062	-86.929533	56433.71	56250.8	-0.82	56432.90	56400.80078	56493.74973	56448.89063	505170.6	5409678.8
L5180.0	505170.5	5409677.7	10734.90039	326.70	41.67	48.840051	-86.929534	56440.02	56250.8	-0.82	56439.20	56406.82031	56517.77997	56472.19922	505170.5	5409677.7
L5180.0	505170.4	5409676.3	10735.00000	326.14	41.67	48.840039	-86.929536	56446.22	56250.8	-0.82	56445.40	56412.74609	56540.13738	56493.85547	505170.4	5409676.3
L5180.0	505170.4	5409675.5	10735.09961	327.07	37.41	48.840031	-86.929536	56452.42	56250.8	-0.82	56451.60	56418.67578	56563.34903	56516.37891	505170.4	5409675.5
L5180.0	505170.3	5409674.2	10735.20020	326.87	33.03	48.840020	-86.929537	56458.46	56250.8	-0.82	56457.65	56424.46484	56584.00468	56536.36328	505170.3	5409674.2
L5180.0	505170.3	5409674.2	10735.29981	324.51	33.03	48.840020	-86.929537	56464.44	56250.8	-0.81	56463.62	56430.17969	56603.95751	56555.66406	505170.3	5409674.2
L5180.0	505170.3	5409673.1	10735.40039	325.79	34.96	48.840010	-86.929538	56470.34	56250.8	-0.81	56469.53	56435.83984	56623.87937	56574.95313	505170.3	5409673.1
L5180.0	505170.2	5409671.7	10735.50000	325.97	33.28	48.839998	-86.929539	56476.05	56250.8	-0.81	56475.24	56441.31250	56640.75717	56591.21875	505170.2	5409671.7
L5180.0	505170.2	5409671.7	10735.59961	323.71	33.28	48.839998	-86.929539	56481.64	56250.8	-0.81	56480.84	56446.67969	56656.94719	56606.81250	505170.2	5409671.7
L5180.0	505170.2	5409670.3	10735.70020	323.20	35.4	48.839985	-86.929539	56487.13	56250.8	-0.81	56486.32	56451.93359	56672.48341	56621.77344	505170.2	5409670.3
L5180.0	505170.1	5409669.1	10735.79981	321.84	35.23	48.839974	-86.929540	56492.46	56250.8	-0.80	56491.66	56457.05469	56687.18622	56635.91797	505170.1	5409669.1
L5180.0	505170.1	5409667.8	10735.90039	319.78	35.23	48.839963	-86.929540	56497.67	56250.8	-0.80	56496.87	56462.05469	56701.55212	56649.75000	505170.1	5409667.8
L5180.0	505170.1	5409667.8	10736.00000	319.99	37.43	48.839963	-86.929540	56502.72	56250.8	-0.80	56501.92	56466.90625	56715.19020	56662.87109	505170.1	5409667.8
L5180.0	505170.1	5409666.5	10736.00000	319.99	37.43	48.839951	-86.929540	56507.46	56250.8	-0.80	56506.66	56471.45313	56725.12799	56672.31641	505170.1	5409666.5
L5180.0	505170.1	5409666.5	10736.20020	319.17	34.04	48.839951	-86.929540	56512.14	56250.8	-0.81	56511.33	56475.93750	56736.83220	56683.54688	505170.1	5409666.5
L5180.0	505170.1	5409664.9	10736.29981	317.39	34.04	48.839936	-86.929540	56516.66	56250.8	-0.81	56515.85	56480.28125	56748.76732	56695.02734	505170.1	5409664.9
L5180.0	505170.1	5409664.1	10736.40039	319.31	34.29	48.839929	-86.929540	56521.04	56250.8	-0.81	56520.23	56484.49219	56761.33469	56707.16406	505170.1	5409664.1
L5180.0	505170.1	5409662.8	10736.50000	321.57	34.29	48.839918	-86.929540	56525.28	56250.8	-0.82	56524.46	56488.56250	56774.48271	56719.90234	505170.1	5409662.8
L5180.0	505170.1	5409661.5	10736.59961	323.41	30.61	48.839906	-86.929540	56529.39	56250.8	-0.82	56528.57	56492.52344	56788.98594	56734.01953	505170.1	5409661.5
L5180.0	505170.2	5409660.6	10736.70020	321.66	30.61	48.839897	-86.929539	56533.25	56250.8	-0.82	56532.42	56496.23047	56801.98611	56746.65234	505170.2	5409660.6
L5180.0	505170.2	5409660.6	10736.79981	321.95	30.67	48.839897	-86.929539	56536.87	56250.8	-0.82	56536.04	56499.71875	56814.20498	56758.52734	505170.2	5409660.6
L5180.0	505170.2	5409659.2	10736.90039	320.67	30.67	48.839885	-86.929539	56540.14	56250.8	-0.83	56539.31	56502.86719	56823.07972	56767.07813	505170.2	5409659.2
L5180.0	505170.2	5409657.8	10737.00000	322.03	35.41	48.839873	-86.929539	56543.15	56250.8	-0.83	56542.32	56505.76172	56830.46660	56774.16797	505170.2	5409657.8
L5180.0	505170.2	5409656.4	10737.09961	321.87	35.41	48.839860	-86.929539	56545.93	56250.8	-0.83	56545.10	56508.43750	56836.91754	56780.34375	505170.2	5409656.4
L5180.0	505170.2	5409656.4	10737.20020	321.39	32.7	48.839860	-86.929539	56548.45	56250.8	-0.83	56547.62	56510.86328	56841.64839	56784.82031	505170.2	5409656.4
L5180.0	505170.2	5409655.3	10737.29981	321.41	32.7	48.839850	-86.929539	56550.75	56250.8	-0.83	56549.92	56513.07422	56845.37911	56788.31641	505170.2	5409655.3
L5180.0	505170.2	5409654.1	10737.40039	321.72	34.32	48.839839	-86.929539	56552.77	56250.8	-0.83	56551.94	56515.01953	56846.62269	56789.35156	505170.2	5409654.1
L5180.0	505170.2	5409654.1	10737.50000	323.07	33.46	48.839839	-86.929539	56554.50	56250.8	-0.83	56553.67	56516.67969	56844.95124	56787.49609	505170.2	5409654.1
L5180.0	505170.2	5409652.4	10737.59961	324.17	33.46	48.839824	-86.929539	56556.00	56250.8	-0.83	56555.17	56518.12500	56841.54700	56783.92969	505170.2	5409652.4
L5180.0	505170.2	5409651.7	10737.70020	325.95	31.23	48.839817	-86.929539	56557.28	56250.8	-0.83	56556.45	56519.35547	56836.49030	56778.73438	505170.2	5409651.7
L5180.0	505170.2	5409650.5	10737.79981	326.37	29.77	48.839806	-86.929539	56558.26	56250.8	-0.83	56557.43	56520.29688	56827.81550	56769.94141	505170.2	5409650.5
L5180.0	505170.2	5409649.2	10737.90039	325.71	29.77	48.839795	-86.929539	56559.07	56250.8	-0.83	56558.24	56521.07813	56818.39987	56760.42969	505170.2	5409649.2
L5180.0	505170.2	5409647.9	10738.00000	325.08	29.09	48.839784	-86.929539	56559.82	56250.8	-0.83	56558.99	56521.80859	56810.71725	56752.67969	505170.2	5409647.9
L5180.0	505170.2	5409647.0	10738.00000	325.08	29.09	48.839775	-86.929539	56560.45	56250.8	-0.83	56559.61	56522.41797	56803.09688	56745.01172	505170.2	5409647.0
L5180.0	505170.2	5409647.0	10738.20020	327.13	24.26	48.839775	-86.929539	56561.01	56250.8	-0.83	56560.18	56522.98828	56797.32190	56739.21094	505170.2	5409647.0
L5180.0	505170.2	5409645.5	10738.29981	329.17	33.49	48.839762	-86.929539	56561.27	56250.8	-0.82	56560.44	56523.25781	56787.24059	56729.12891	505170.2	5409645.5
L5180.0	505170.3	5409644.1	10738.40039	326.55	33.49	48.839749	-86.929538	56561.45	56250.8	-0.82	56560.62	56523.45703	56778.12500	56720.03125	505170.3	5409644.1
L5180.0	505170.3	5409643.1	10738.50000	325.73	35.13	48.839740	-86.929538	56561.46	56250.8	-0.82	56560.64	56523.50781	56768.02274	56709.97266	505170.3	5409643.1
L5180.0	505170.3	5409641.8	10738.59961	325.10	35.13	48.839729	-86.929538	56561.24	56250.8	-0.82	56560.42	56523.32813	56754.98229	56697.00000	505170.3	5409641.8
L5180.0	505170.3	5409641.8	10738.70020	315.42	33.29	48.839729	-86.929538	56560.88	56250.8	-0.82	56560.06	56523.01563	56741.25745	56683.36328	505170.3	5409641.8
L5180.0	505170.3	5409640.6	10738.79981	312.82	33.29	48.839718	-86.929537	56560.40	56250.8	-0.81	56559.58	56522.59375	56727.22977	56669.44531	505170.3	5409640.6
L5180.0	505170.4	5409639.4	10738.90039	323.74	31.5	48.839707	-86.929537	56559.79	56250.8	-0.81	56558.98	56522.06250	56712.81415	56655.16016	505170.4	5409639.4
L5180.0	505170.4	5409639.4	10739.00000	323.75	34.84	48.839707	-86.929537	56559.14	56250.8	-0.81	56558.33	56521.48828	56699.53845	56642.04297	505170.4	5409639.4
L5180.0	505170.5	5409636.5	10739.09961	324.13	34.84	48.839680	-86.929535	56558.46	56250.8	-0.81	56557.65	56520.89844	56687.76000	56630.44141	505170.5	5409636.5
L5180.0	505170.5	5409636.5	10739.20020	323.00	31.25	48.839680	-86.929535	56557.66	56250.8	-0.81	56556.85	56520.19141	56675.30812	56618.18750	505170.5	5409636.5
L5180.0	505170.5	5409635.3	10739.29981	322.32	31.25	48.839670	-86.929535	56556.73	56250.8	-0.81	56555.92	56519.36719	56661.87018	56604.96484	505170.5	5409635.3
L5180.0	505170.6	5409633.8	10739.40039	323.12	31.97	48.839657	-86.929534	56555.80	56250.8	-0.81	56554.99	56518.55078	56650.32764	56593.66016	505170.6	5409633.8
L5180.0	505170.6	5409633.8	10739.50000	322.25	32.96	48.839657	-86.929534	56554.84	56250.8	-0.81	56554.03	56517.71875	56639.89201	56583.48438	505170.6	5409633.8
L5180.0	505170.7	5409632.8	10739.59961	323.84	32.96	48.839648	-86.929533	56553.82	56250.8	-0.81	56553.01	56516.83203	56629.78635	56573.66406	505170.7	5409632.8
L5180.0	505170.7	5409631.7	10739.70020	325.27	33.14	48.839638	-86.929532	56552.64	56250.8	-0.81	56551.83	56515.79297	56617.67583	56561.85156	505170.7	5409631.7
L5180.0	505170.8	5409630.5	10739.79981	326.15	33.14	48.839627	-86.929531	56551.57	56250.8	-0.81	56550.76	56514.87500	56609.57047	56554.06641	505170.8	5409630.5
L5180.0	505170.8	5409629.3	10739.90039	323.47	31.04	48.839616	-86.929531	56550.37	56250.8	-0.81	56549.56	56513.83203	56599.99188	56544.82422	505170.8	5409629.3
L5180.0	505170.9	5409628.0	10740.00000	322.37	31.04	48.839604	-86.929530	56549.34	56250.8	-0.81	56548.53	56512.97266	56595.59346	56540.78516	505170.9	5409628.0
L5180.0	505170.9	5409628.0	10740.00000	322.37	31.74	48.839604	-86.929530	56548.20	56250.8	-0.81	56547.39	56512.00781	56590.05007	56535.62109	505170.9	5409628.0
L5180.0	505170.9	5409626.5	10740.20020	323.73	31.74	48.839591	-86.929530	56547.25	56250.8	-0.81	56546.44	56511.24609	56590.00453	56535.97266	505170.9	5409626.5
L5180.0	505170.9	5409625.2	10740.29981	323.39	33.62	48.839579	-86.929530	56546.18	56250.8	-0.81	56545.37	56510.36719	56588.51368	56534.89453	505170.9	5409625.2
L5180.0	505170.9	5409624.1	10740.40039	323.55	33.62	48.839570	-86.929529	56545.06	56250.8	-0.81	56544.25	56509.44922	56587.11928	56533.92969	505170.9	5409624.1
L5180.0	505171.0	5409622.9	10740.50000	321.64	31.02	48.839558	-86.929529	56544.02	56250.8	-0.82	56543.20	56508.61328	56588.47254	56535.73047	505171.0	5409622.9
L5180.0	505171.0	5409622.9	10740.59961	321.39	28.94	48.839558	-86.929529	56542.94	56250.8	-0.82	56542.12	56507.75000	56590.35128	56538.07422	505171.0	5409622.9

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5180.0	505171.0	5409621.7	10740.70020	319.99	31.84	48.839547	-86.929529	56541.82	56250.8	-0.82	56541.00	56506.85547	56592.54257	56540.74609	505171.0	5409621.7
L5180.0	505171.0	5409620.4	10740.79981	321.70	31.84	48.839536	-86.929529	56540.75	56250.8	-0.82	56539.93	56506.01953	56597.05779	56545.75781	505171.0	5409620.4
L5180.0	505171.0	5409619.1	10740.90039	321.97	25.72	48.839524	-86.929529	56539.68	56250.8	-0.82	56538.86	56505.19141	56602.81496	56552.02344	505171.0	5409619.1
L5180.0	505171.0	5409619.1	10741.00000	322.54	25.72	48.839524	-86.929529	56538.53	56250.8	-0.82	56537.71	56504.28906	56608.07124	56557.80469	505171.0	5409619.1
L5180.0	505170.9	5409617.4	10741.09961	321.71	24.95	48.839509	-86.929529	56537.45	56250.8	-0.82	56536.63	56503.46484	56616.19930	56566.47656	505170.9	5409617.4
L5180.0	505170.9	5409616.1	10741.20020	322.18	23.59	48.839497	-86.929530	56536.46	56250.8	-0.82	56535.64	56502.73828	56627.69788	56578.52734	505170.9	5409616.1
L5180.0	505170.9	5409614.6	10741.29981	322.24	23.59	48.839484	-86.929530	56535.46	56250.8	-0.82	56534.64	56502.00391	56640.39446	56591.78906	505170.9	5409614.6
L5180.0	505170.9	5409614.6	10741.40039	322.95	29.15	48.839484	-86.929530	56534.39	56250.8	-0.82	56533.57	56501.21094	56653.00022	56604.97266	505170.9	5409614.6
L5180.0	505170.9	5409613.2	10741.50000	323.20	29.15	48.839471	-86.929530	56533.29	56250.8	-0.82	56532.47	56500.39453	56666.45652	56619.02344	505170.9	5409613.2
L5180.0	505170.9	5409611.7	10741.59961	322.44	27.55	48.839458	-86.929530	56532.07	56250.8	-0.83	56531.24	56499.44922	56678.56921	56631.73828	505170.9	5409611.7
L5180.0	505170.9	5409610.4	10741.70020	321.24	28.44	48.839446	-86.929530	56530.72	56250.8	-0.83	56529.89	56498.39453	56689.60003	56643.38672	505170.9	5409610.4
L5180.0	505170.9	5409610.4	10741.79981	321.95	28.8	48.839446	-86.929530	56529.21	56250.8	-0.83	56528.38	56497.18359	56698.68218	56653.08984	505170.9	5409610.4
L5180.0	505170.9	5409609.0	10741.90039	323.88	28.8	48.839434	-86.929530	56527.53	56250.8	-0.83	56526.70	56495.80859	56705.61734	56660.65625	505170.9	5409609.0
L5180.0	505170.9	5409607.7	10742.00000	323.75	28.8	48.839422	-86.929530	56525.79	56250.8	-0.83	56524.96	56494.38281	56712.91241	56668.59375	505170.9	5409607.7
L5180.0	505170.9	5409606.0	10742.00000	323.75	29.19	48.839406	-86.929530	56523.93	56250.8	-0.83	56523.10	56492.83594	56719.22857	56675.56641	505170.9	5409606.0
L5180.0	505170.9	5409606.0	10742.20020	324.63	26.85	48.839406	-86.929530	56521.96	56250.8	-0.83	56521.13	56491.18750	56724.80349	56681.80078	505170.9	5409606.0
L5180.0	505170.9	5409603.6	10742.29981	323.49	26.85	48.839385	-86.929530	56520.00	56250.8	-0.83	56519.17	56489.55469	56732.37243	56690.03516	505170.9	5409603.6
L5180.0	505170.9	5409603.6	10742.40039	323.32	29.53	48.839385	-86.929530	56517.96	56250.8	-0.83	56517.13	56487.84375	56739.88866	56698.22656	505170.9	5409603.6
L5180.0	505170.9	5409602.1	10742.50000	324.00	29.53	48.839371	-86.929530	56515.66	56250.8	-0.83	56514.83	56485.87891	56743.24443	56702.26172	505170.9	5409602.1
L5180.0	505170.9	5409600.8	10742.59961	324.13	27.16	48.839360	-86.929530	56513.19	56250.8	-0.83	56512.36	56483.74609	56744.47642	56704.18359	505170.9	5409600.8
L5180.0	505170.9	5409600.8	10742.70020	324.31	27	48.839360	-86.929530	56510.43	56250.8	-0.83	56509.60	56481.32813	56740.85151	56701.25000	505170.9	5409600.8
L5180.0	505170.9	5409599.3	10742.79981	325.53	27	48.839346	-86.929530	56507.60	56250.8	-0.83	56506.77	56478.84375	56737.37405	56698.46484	505170.9	5409599.3
L5180.0	505170.9	5409597.6	10742.90039	322.17	27	48.839331	-86.929530	56504.66	56250.8	-0.83	56503.83	56476.25391	56733.12379	56694.91406	505170.9	5409597.6
L5180.0	505171.0	5409596.3	10743.00000	321.44	26.96	48.839319	-86.929529	56501.45	56250.8	-0.83	56500.61	56473.38672	56724.26352	56686.75781	505171.0	5409596.3
L5180.0	505171.0	5409595.0	10743.09961	322.06	26.15	48.839307	-86.929529	56498.00	56250.8	-0.83	56497.17	56470.30078	56712.17126	56675.37500	505171.0	5409595.0
L5180.0	505171.0	5409595.0	10743.20020	322.91	26.15	48.839307	-86.929529	56494.48	56250.8	-0.83	56493.64	56467.12891	56699.76556	56663.67578	505171.0	5409595.0
L5180.0	505171.1	5409593.5	10743.29981	324.34	26.67	48.839294	-86.929528	56490.65	56250.8	-0.83	56489.82	56463.66797	56682.60646	56647.22656	505171.1	5409593.5
L5180.0	505171.1	5409592.0	10743.40039	323.54	26.67	48.839280	-86.929527	56486.92	56250.8	-0.83	56486.09	56460.30078	56669.19411	56634.52344	505171.1	5409592.0
L5180.0	505171.1	5409592.0	10743.50000	323.94	26.23	48.839280	-86.929527	56483.04	56250.8	-0.83	56482.21	56456.78516	56654.18803	56620.22656	505171.1	5409592.0
L5180.0	505171.2	5409590.4	10743.59961	322.53	27.39	48.839267	-86.929527	56479.17	56250.8	-0.84	56478.33	56453.27344	56640.87476	56607.62891	505171.2	5409590.4
L5180.0	505171.2	5409589.0	10743.70020	321.81	27.39	48.839253	-86.929526	56475.01	56250.8	-0.84	56474.17	56449.48047	56623.07875	56590.54297	505171.2	5409589.0
L5180.0	505171.2	5409589.0	10743.79981	324.00	27.39	48.839253	-86.929526	56470.77	56250.8	-0.84	56469.93	56445.60938	56605.12449	56573.29688	505171.2	5409589.0
L5180.0	505171.3	5409587.6	10743.90039	323.32	29.67	48.839241	-86.929525	56466.40	56250.8	-0.84	56465.56	56441.60938	56585.83847	56554.71484	505171.3	5409587.6
L5180.0	505171.3	5409585.8	10744.00000	322.94	29.41	48.839224	-86.929524	56461.99	56250.8	-0.84	56461.15	56437.57031	56567.04832	56536.63281	505171.3	5409585.8
L5180.0	505171.4	5409584.5	10744.00000	322.94	29.41	48.839213	-86.929524	56457.45	56250.8	-0.84	56456.61	56433.40234	56546.68012	56516.96875	505171.4	5409584.5
L5180.0	505171.4	5409584.5	10744.20020	321.22	27.99	48.839213	-86.929524	56453.04	56250.8	-0.84	56452.19	56429.35547	56529.95818	56500.94531	505171.4	5409584.5
L5180.0	505171.4	5409582.9	10744.29981	320.46	30.29	48.839199	-86.929523	56448.46	56250.8	-0.84	56447.62	56425.15625	56510.92584	56482.60547	505171.4	5409582.9
L5180.0	505171.5	5409581.7	10744.40039	321.48	30.29	48.839188	-86.929522	56443.97	56250.8	-0.84	56443.13	56421.03906	56494.36294	56466.73047	505171.5	5409581.7
L5180.0	505171.6	5409580.4	10744.50000	320.49	30.23	48.839177	-86.929521	56439.40	56250.8	-0.84	56438.56	56416.83984	56476.68118	56449.73438	505171.6	5409580.4
L5180.0	505171.6	5409580.4	10744.59961	319.83	27.87	48.839177	-86.929521	56434.84	56250.8	-0.85	56433.99	56412.64063	56459.44250	56433.17578	505171.6	5409580.4
L5180.0	505171.6	5409578.8	10744.70020	320.06	29.27	48.839162	-86.929520	56430.29	56250.8	-0.85	56429.45	56408.47266	56443.14120	56417.55078	505171.6	5409578.8
L5180.0	505171.7	5409577.3	10744.79981	321.31	29.27	48.839148	-86.929520	56425.75	56250.8	-0.85	56424.90	56404.29297	56426.76490	56401.83984	505171.7	5409577.3
L5180.0	505171.7	5409576.2	10744.90039	321.24	29.14	48.839138	-86.929519	56421.31	56250.8	-0.85	56420.46	56400.21875	56412.75989	56388.49609	505171.7	5409576.2
L5180.0	505171.8	5409574.9	10745.00000	323.92	29.14	48.839127	-86.929519	56416.87	56250.8	-0.85	56416.02	56396.14844	56398.60636	56374.99609	505171.8	5409574.9
L5180.0	505171.8	5409574.9	10745.09961	323.47	30.77	48.839127	-86.929519	56412.46	56250.8	-0.85	56411.61	56392.10156	56384.81229	56361.84766	505171.8	5409574.9
L5180.0	505171.8	5409573.5	10745.20020	325.14	30.26	48.839114	-86.929518	56408.04	56250.8	-0.85	56407.19	56388.04688	56370.36555	56348.03906	505171.8	5409573.5
L5180.0	505171.9	5409572.1	10745.29981	324.82	30.26	48.839102	-86.929517	56403.70	56250.8	-0.85	56402.85	56384.07031	56357.10222	56335.40234	505171.9	5409572.1
L5180.0	505171.9	5409570.5	10745.40039	322.99	30.26	48.839087	-86.929516	56399.41	56250.8	-0.85	56398.56	56380.13672	56344.24499	56323.16406	505171.9	5409570.5
L5180.0	505172.0	5409569.4	10745.50000	324.30	32.7	48.839077	-86.929516	56395.23	56250.8	-0.85	56394.38	56376.31641	56333.00677	56312.53516	505172.0	5409569.4
L5180.0	505172.0	5409569.4	10745.59961	323.11	33.79	48.839077	-86.929516	56391.17	56250.8	-0.85	56390.32	56372.60938	56323.51129	56303.64453	505172.0	5409569.4
L5180.0	505172.0	5409567.7	10745.70020	322.42	33.79	48.839062	-86.929515	56387.12	56250.8	-0.85	56386.27	56368.91406	56313.21575	56293.94141	505172.0	5409567.7
L5180.0	505172.0	5409566.7	10745.79981	324.00	34.33	48.839053	-86.929515	56383.23	56250.8	-0.85	56382.38	56365.37109	56305.35442	56286.65625	505172.0	5409566.7
L5180.0	505172.1	5409565.3	10745.90039	323.73	34.33	48.839040	-86.929514	56379.36	56250.8	-0.85	56378.51	56361.84766	56296.71853	56278.58984	505172.1	5409565.3
L5180.0	505172.1	5409565.3	10746.00000	321.03	31.28	48.839040	-86.929514	56375.66	56250.8	-0.85	56374.81	56358.49219	56290.55968	56272.98828	505172.1	5409565.3
L5180.0	505172.1	5409563.6	10746.00000	321.03	33.62	48.839025	-86.929514	56372.03	56250.8	-0.85	56371.18	56355.19922	56284.55691	56267.53516	505172.1	5409563.6
L5180.0	505172.2	5409562.3	10746.20020	320.97	33.62	48.839013	-86.929513	56368.51	56250.9	-0.85	56367.66	56352.01563	56279.52085	56263.03516	505172.2	5409562.3
L5180.0	505172.2	5409560.7	10746.29981	323.26	33.41	48.838999	-86.929513	56365.06	56250.9	-0.85	56364.21	56348.89844	56274.46541	56258.50391	505172.2	5409560.7
L5180.0	505172.2	5409559.6	10746.40039	323.23	35.65	48.838989	-86.929513	56361.82	56250.9	-0.85	56360.97	56345.98438	56272.39406	56256.94141	505172.2	5409559.6
L5180.0	505172.2	5409558.0	10746.50000	323.37	35.65	48.838975	-86.929512	56358.61	56250.9	-0.85	56357.75	56343.08984	56268.98668	56254.03516	505172.2	5409558.0
L5180.0	505172.2	5409558.0	10746.59961	323.35	35.65	48.838975	-86.929512	56355.54	56250.9	-0.86	56354.69	56340.35156	56267.25915	56252.79297	505172.2	5409558.0
L5180.0	505172.3	5409556.4	10746.70020	322.31	36.59	48.838960	-86.929512	56352.62	56250.9	-0.86	56351.76	56337.73828	56266.47128	56252.48047	505172.3	5409556.4
L5180.0	505172.3	5409555.1	10746.79981	322.29	36.95	48.838948	-86.929512	56349.77	56250.9	-0.86	56348.92	56335.20703	56265.67843	56252.14844	505172.3	5409555.1
L5180.0	505172.3	5409555.1	10746.90039	322.28	37.87	48.838948	-86.929512	56347.02	56250.9	-0.86	56346.16	56332.75391	56264.61469	56251.53125	505172.3	5409555.1
L5180.0	505172.3	5409553.7	10747.00000	320.19	37.87	48.838936	-86.929512	56344.34	56250.9	-0.86	56343.48	56330.37891	56263.25332	56250.60547	505172.3	5409553.7
L5180.0	505172.3	5409551.9	10747.09961	319.68	38.32	48.838920	-86.929512	56341.84	56250.9	-0.86	56340.98	56328.17578	56263.77013	56251.54688	505172.3	5409551.9
L5180.0	505172.3	5409550.3	10747.20020	319.50	38.41	48.838905	-86.929512	56339.46	56250.9	-0.86	56338.60	56326.08984	56264.83966	56253.02734	505172.3	5409550.3
L5180.0	505172.3	5409550.3	10747.29981	319.25	38.41	48.838905	-86.929512	56337.09	56250.9	-0.86	56336.23	56324.00391	56264.04740	56252.62891	505172.3	5409550.3
L5180.0	505172.3	5409548.7	10747.40039	321.23	35.56	48.838891	-86.929512	56334.93	56250.9	-0.86	56334.06	56322.11719	56265.58153	56254.54297	505172.3	5409548.7
L5180.0	505172.2	5409546.9	10747.50000	322.39	35.56	48.838874	-86.929513	56332.73	56250.9	-0.87	56331.86	56320.19531	56264.39199	56253.72266	505172.2	5409546.9
L5180.0	505172.2	5409546.9	10747.59961	322.99	36.89	48.838874	-86.929513	56330.76	56250.9	-0.87	56329.90	56318.50781	56266.46134	56256.14844	505172.2	5409546.9
L5180.0	505172.2	5409545.3	10747.70020	322.12	36.89	48.838860	-86.929513	56328.80	56250.9	-0.87	56327.93	56316.80469	56266.29020	56256.32031	505172.2	5409545.3
L5180.0	505172.2	5409543.7	10747.79981	322.30	38.18	48.838846	-86.929513	56326.91	56250.9	-0.87	56326.04	56315.17578	56265.89645	56256.25391	505172.2	5409543.7
L5180.0	505172.2	5409542.4	10747.90039	322.78	38.18	48.838834	-86.929514	56325.20	56250.9	-0.87	56324.33	56313.72266	56267.55926	56258.23047	505172.2	5409542.4
L5180.0	505172.2	5409542.4	10748.00000	323.61	40.11	48.838834	-86.929514	56323.52	56250.9	-0.87	56322.65	56312.29297	56267.97431	56258.94922	505172.2	5409542.4
L5180.0	505172.1	5409540.9	10748.00000	323.61	38.69	48.838821	-86.929514	56321.91	56250.9	-0.87	56321.04	56310.92969	56268.08283	56259.34766	505172.1	5409540.9
L5180.0	505172.1	5409539.6	10748.20020	321.68	38.69	48.838809	-86.929515	56320.40	56250.9	-0.86	56319.53	56309.66016	56268.62199	56260.16406	505172.1	5409539.6
L5180.0	505172.1	5409539.6	10748.29981	322.33	37.54	48.838809	-86.929515	56318.96	56250.9	-0.86	56318.10	56308.46094	56269.20072	56261.00391	505172.1	5409539.6
L5180.0	505172.0	5409538.1	10748.40039	323.38	37.54	48.838795	-86.929515	56317.64	56250.9	-0.86	56316.79	56307.37891	56270.80042	56262.85547	505172.0	5409538.1
L5180.0	505172.0	5409536.4	10748.50000	323.03	39.5	48.838781	-86.929516	56316.32	56250.9	-0.85	56315.47	56306.28125	56270.49687	56262.78906	505172.0	5409536.4
L5180.0	505172.0	5409536.4	10748.59961	324.66	39.5	48.838781	-86.929516	56315.09	56250.9	-0.85	56314.24	56305.26953	56270.65057	56263.16797	505172.0	5409536.4
L5180.0	505171.9	5409534.8	10748.70020	326.29	40.87	48.838766	-86.929517	56313.97	56250.8	-0.85	56313.12	56304.36328	56271.79917	56264.52734	505171.9	5409534.8
L5180.0	505171.9	5409533.2	10748.79981	328.17	41.3	48.838752	-86.929518	56312.83	56250.8	-0.85	56311.98	56303.42578	56270.98284	56263.91406	505171.9	5409533.2
L5180.0	505171.8	5409531.6	10748.90039	328.67	41.3	48.838737	-86.929518	56311.86	56250.8	-0.84	56311.01	56302.65625	56272.70333	56265.82031	505171.8	5409531.6
L5180.0	505171.8	5409531.6	10749.00000	327.85	39.38	48.838737	-86.929518	56310.81	56250.8	-0.84	56309.97	56301.80859	56271.41296	56264.70703	505171.8	5409531.6
L5180.0	505171.8	5409530.0	10749.09961	326.22	39.38	48.838722	-86.929519	56309.93	56250.8	-0.84	56309.09	56301.11719	56272.56713	56266.02734	505171.8	5409530.0
L5180.0	505171.7	5409528.6	10749.20020	325.81	40.47	48.838710	-86.929520	56309.04	56250.8	-0.85	56308.20	56300.41016	56272.24461	56265.85938	505171.7	5409528.6
L5180.0	505171.7	5409527.2	10749.29981	324.04	40.41	48.838698	-86.929520	56308.28	56250.8	-0.85	56307.43	56299.81641	56273.56138	56267.32031	505171.7	5409527.2
L5180.0	505171.7	5409527.2	10749.40039	321.69	40.41	48.838698	-86.929520	56307.52	56250.9	-0.85	56306.67	56299.22656	56273.99591	56267.88672	505171.7	5409527.2
L5180.0	505171.7	5409525.6	10749.50000	324.37	41.64	48.838683	-86.929520	56306.77	56250.9	-0.85	56305.92	56298.64453	56273.61175	56267.62500	505171.7	5409525.6
L5180.0	505171.7	5409524.0	10749.59961	325.94	40.23	48.838669	-86.929520	56306.14	56250.9	-0.86	56305.28	56298.16406	56274.80690	56268.93359	505171.7	5409524.0
L5180.0	505171.7	5409524.0	10749.70020	325.01	40.23	48.838669	-86.929520	56305.52	56250.9	-0.86	56304.66	56297.69922	56275.53212	56269.76172	505171.7	5409524.0
L5180.0	505171.7	5409522.0	10749.79981	323.23	39.96	48.838651	-86.929521	56304.89	56250.9	-0.86	56304.02	56297.20703	56274.92015	56269.24219	505171.7	5409522.0
L5180.0	505171.7	5409520.5	10749.90039	322.48	39.96	48.838638	-86.929521	56304.35	56250.9	-0.87	56303.48	56296.80859	56275.80427	56270.21094	505171.7	5409520.5

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5180.0	505171.7	5409519.1	10750.00000	324.92	37.37	48.838625	-86.929521	56303.84	56250.9	-0.87	56302.97	56296.43750	56276.61098	56271.09375	505171.7	5409519.1
L5180.0	505171.7	5409519.1	10750.00000	324.92	38.4	48.838625	-86.929521	56303.38	56250.9	-0.87	56302.51	56296.10938	56277.84416	56272.39453	505171.7	5409519.1
L5180.0	505171.7	5409517.3	10750.20020	323.69	38.4	48.838608	-86.929521	56302.95	56250.9	-0.87	56302.08	56295.80469	56279.08603	56273.69531	505171.7	5409517.3
L5180.0	505171.7	5409515.8	10750.29981	324.25	36.88	48.838595	-86.929521	56302.53	56250.9	-0.88	56301.65	56295.49609	56279.70095	56274.35938	505171.7	5409515.8
L5180.0	505171.7	5409514.0	10750.40039	324.84	36.88	48.838579	-86.929521	56302.23	56250.9	-0.88	56301.36	56295.32422	56282.86788	56277.57031	505171.7	5409514.0
L5180.0	505171.7	5409514.0	10750.50000	322.34	38	48.838579	-86.929521	56301.88	56250.9	-0.88	56301.00	56295.07422	56283.90458	56278.64453	505171.7	5409514.0
L5180.0	505171.7	5409512.3	10750.59961	321.80	38	48.838563	-86.929521	56301.54	56250.9	-0.88	56300.66	56294.83984	56284.86944	56279.64063	505171.7	5409512.3
L5180.0	505171.7	5409511.1	10750.70020	322.18	35.79	48.838553	-86.929521	56301.24	56250.9	-0.88	56300.35	56294.62891	56286.01337	56280.80859	505171.7	5409511.1
L5180.0	505171.7	5409509.7	10750.79981	319.66	35.79	48.838540	-86.929521	56300.93	56250.9	-0.89	56300.04	56294.41797	56286.70676	56281.52344	505171.7	5409509.7
L5180.0	505171.7	5409509.7	10750.90039	321.69	36.76	48.838540	-86.929521	56300.63	56250.9	-0.89	56299.74	56294.20703	56287.20116	56282.03125	505171.7	5409509.7
L5180.0	505171.7	5409507.8	10751.00000	321.99	39.15	48.838523	-86.929521	56300.39	56250.9	-0.89	56299.50	56294.05469	56288.60777	56283.44531	505171.7	5409507.8
L5180.0	505171.7	5409507.8	10751.09961	322.08	39.15	48.838523	-86.929521	56300.16	56250.9	-0.89	56299.28	56293.91406	56290.07791	56284.92188	505171.7	5409507.8
L5180.0	505171.7	5409506.4	10751.20020	323.75	37.59	48.838511	-86.929521	56299.93	56250.9	-0.88	56299.05	56293.76172	56290.98877	56285.83203	505171.7	5409506.4
L5180.0	505171.7	5409504.5	10751.29981	323.22	37.59	48.838494	-86.929521	56299.76	56250.9	-0.88	56298.88	56293.66406	56292.87467	56287.71484	505171.7	5409504.5
L5180.0	505171.7	5409504.5	10751.40039	320.59	39.75	48.838494	-86.929521	56299.61	56250.9	-0.88	56298.73	56293.58203	56294.89437	56289.72656	505171.7	5409504.5
L5180.0	505171.7	5409503.1	10751.50000	319.34	39.75	48.838481	-86.929521	56299.45	56250.9	-0.88	56298.57	56293.48828	56296.42253	56291.24609	505171.7	5409503.1
L5180.0	505171.7	5409501.7	10751.59961	322.28	39.32	48.838468	-86.929521	56299.29	56250.9	-0.87	56298.42	56293.39453	56297.91081	56292.72266	505171.7	5409501.7
L5180.0	505171.7	5409500.5	10751.70020	321.65	39.27	48.838457	-86.929521	56299.15	56250.9	-0.87	56298.28	56293.31250	56299.37804	56294.17578	505171.7	5409500.5
L5180.0	505171.7	5409500.5	10751.79981	321.12	39.27	48.838457	-86.929521	56299.02	56250.9	-0.87	56298.15	56293.23438	56300.84106	56295.62500	505171.7	5409500.5
L5180.0	505171.7	5409498.6	10751.90039	320.48	41.24	48.838440	-86.929521	56298.91	56250.9	-0.86	56298.04	56293.17188	56302.53432	56297.30078	505171.7	5409498.6
L5180.0	505171.7	5409497.2	10752.00000	320.81	41.24	48.838427	-86.929521	56298.74	56250.9	-0.86	56297.88	56293.05469	56302.93200	56297.67969	505171.7	5409497.2
L5180.0	505171.7	5409495.7	10752.00000	320.81	41.97	48.838414	-86.929521	56298.68	56250.9	-0.86	56297.82	56293.03516	56305.34958	56300.08203	505171.7	5409495.7
L5180.0	505171.7	5409494.6	10752.20020	318.82	42.28	48.838404	-86.929521	56298.56	56250.9	-0.86	56297.70	56292.95313	56306.26634	56300.98047	505171.7	5409494.6
L5180.0	505171.7	5409493.2	10752.29981	320.23	42.28	48.838392	-86.929521	56298.40	56250.9	-0.87	56297.53	56292.81641	56305.89395	56300.59375	505171.7	5409493.2
L5180.0	505171.7	5409493.2	10752.40039	323.38	42.1	48.838392	-86.929521	56298.35	56250.9	-0.87	56297.48	56292.79688	56308.04516	56302.72656	505171.7	5409493.2
L5180.0	505171.6	5409491.7	10752.50000	324.63	42.1	48.838378	-86.929521	56298.20	56250.9	-0.87	56297.33	56292.67188	56307.80175	56302.47266	505171.6	5409491.7
L5180.0	505171.6	5409490.4	10752.59961	326.64	41.62	48.838366	-86.929521	56298.14	56250.9	-0.87	56297.27	56292.63672	56309.44868	56304.10547	505171.6	5409490.4
L5180.0	505171.6	5409488.7	10752.70020	326.20	41.62	48.838351	-86.929522	56298.07	56250.9	-0.87	56297.19	56292.57813	56310.52132	56305.16797	505171.6	5409488.7
L5180.0	505171.6	5409487.3	10752.79981	326.59	41.22	48.838339	-86.929522	56298.00	56250.9	-0.88	56297.12	56292.52734	56311.71095	56306.35156	505171.6	5409487.3
L5180.0	505171.6	5409487.3	10752.90039	324.86	34.72	48.838339	-86.929522	56297.94	56250.9	-0.88	56297.06	56292.48047	56313.03405	56307.66797	505171.6	5409487.3
L5180.0	505171.5	5409485.7	10753.00000	325.57	34.72	48.838324	-86.929523	56297.86	56250.9	-0.88	56296.98	56292.41406	56313.82491	56308.45703	505171.5	5409485.7
L5180.0	505171.5	5409484.3	10753.09961	324.10	37.09	48.838311	-86.929523	56297.84	56250.9	-0.88	56296.96	56292.40625	56315.92118	56310.55469	505171.5	5409484.3
L5180.0	505171.5	5409484.3	10753.20020	324.77	37.09	48.838311	-86.929523	56297.82	56250.9	-0.88	56296.93	56292.38281	56317.74908	56312.39063	505171.5	5409484.3
L5180.0	505171.4	5409482.3	10753.29981	324.29	37.5	48.838294	-86.929524	56297.70	56250.9	-0.88	56296.81	56292.26953	56317.51367	56312.16406	505171.4	5409482.3
L5180.0	505171.4	5409480.9	10753.40039	324.11	37.5	48.838281	-86.929525	56297.64	56250.9	-0.88	56296.76	56292.22266	56318.87520	56313.54297	505171.4	5409480.9
L5180.0	505171.3	5409479.5	10753.50000	321.70	37	48.838268	-86.929526	56297.58	56250.9	-0.89	56296.70	56292.16406	56320.04414	56314.73047	505171.3	5409479.5
L5180.0	505171.3	5409478.0	10753.59961	323.06	38.31	48.838255	-86.929526	56297.54	56250.9	-0.89	56296.65	56292.11328	56321.50396	56316.21484	505171.3	5409478.0
L5180.0	505171.3	5409476.9	10753.70020	322.44	38.31	48.838245	-86.929527	56297.41	56250.9	-0.89	56296.52	56291.98047	56321.26095	56316.00391	505171.3	5409476.9
L5180.0	505171.3	5409476.9	10753.79981	321.50	41.46	48.838245	-86.929527	56297.36	56250.9	-0.89	56296.47	56291.92578	56322.94898	56317.73047	505171.3	5409476.9
L5180.0	505171.2	5409475.5	10753.90039	322.61	41.46	48.838232	-86.929527	56297.23	56250.9	-0.89	56296.34	56291.79297	56323.00571	56317.82813	505171.2	5409475.5
L5180.0	505171.2	5409473.3	10754.00000	322.19	39.05	48.838213	-86.929528	56297.18	56250.9	-0.89	56296.29	56291.73438	56325.04874	56319.92188	505171.2	5409473.3
L5180.0	505171.1	5409472.1	10754.00000	322.19	39.05	48.838202	-86.929529	56297.08	56250.9	-0.89	56296.19	56291.62500	56326.20699	56321.13672	505171.1	5409472.1
L5180.0	505171.1	5409472.1	10754.20020	321.82	41.77	48.838202	-86.929529	56297.02	56250.9	-0.89	56296.13	56291.55469	56328.52466	56323.51563	505171.1	5409472.1
L5180.0	505171.1	5409470.8	10754.29981	322.41	41.34	48.838190	-86.929529	56296.92	56250.9	-0.89	56296.03	56291.44531	56330.26383	56325.32422	505171.1	5409470.8
L5180.0	505171.1	5409469.4	10754.40039	313.38	42.37	48.838178	-86.929529	56296.82	56250.9	-0.89	56295.93	56291.33203	56332.35670	56327.49609	505171.1	5409469.4
L5180.0	505171.1	5409468.2	10754.50000	312.89	37.41	48.838167	-86.929529	56296.69	56250.9	-0.89	56295.80	56291.19141	56334.18629	56329.41016	505171.1	5409468.2
L5180.0	505171.1	5409466.8	10754.59961	323.38	37.41	48.838154	-86.929530	56296.49	56250.9	-0.89	56295.60	56290.97656	56334.91807	56330.23828	505171.1	5409466.8
L5180.0	505171.1	5409466.8	10754.70020	322.34	40.56	48.838154	-86.929530	56296.24	56250.9	-0.89	56295.35	56290.71484	56335.03555	56330.45313	505171.1	5409466.8
L5180.0	505171.1	5409465.1	10754.79981	322.42	43.3	48.838139	-86.929530	56295.97	56250.9	-0.89	56295.08	56290.42578	56335.24145	56330.76953	505171.1	5409465.1
L5180.0	505171.1	5409463.7	10754.90039	324.06	43.56	48.838126	-86.929530	56295.70	56250.9	-0.89	56294.81	56290.14063	56336.01845	56331.66406	505171.1	5409463.7
L5180.0	505171.1	5409462.3	10755.00000	323.29	43.06	48.838114	-86.929530	56295.36	56250.9	-0.89	56294.47	56289.78516	56335.86438	56331.63672	505171.1	5409462.3
L5180.0	505171.1	5409460.9	10755.09961	323.52	43.06	48.838101	-86.929530	56295.04	56250.9	-0.89	56294.14	56289.43750	56336.58750	56332.49219	505171.1	5409460.9
L5180.0	505171.1	5409459.7	10755.20020	323.09	41.73	48.838091	-86.929530	56294.57	56250.9	-0.90	56293.68	56288.96094	56335.14037	56331.19141	505171.1	5409459.7
L5180.0	505171.0	5409459.0	10755.29981	321.48	41.9	48.838084	-86.929530	56294.17	56250.9	-0.90	56293.27	56288.53516	56335.54029	56331.74219	505171.0	5409459.0
L5180.0	505171.0	5409457.8	10755.40039	322.65	41.9	48.838074	-86.929530	56293.78	56250.9	-0.90	56292.88	56288.12500	56337.16963	56333.53125	505171.0	5409457.8
L5180.0	505171.0	5409456.4	10755.50000	323.29	40.86	48.838060	-86.929530	56293.43	56250.9	-0.90	56292.52	56287.75000	56340.29601	56336.82813	505171.0	5409456.4
L5180.0	505171.0	5409455.3	10755.59961	320.26	39.18	48.838051	-86.929530	56293.04	56250.9	-0.91	56292.13	56287.33984	56343.64321	56340.35156	505171.0	5409455.3
L5180.0	505171.0	5409453.9	10755.70020	321.38	43.25	48.838038	-86.929530	56292.72	56250.9	-0.91	56291.81	56287.00391	56349.45911	56346.35547	505171.0	5409453.9
L5180.0	505171.1	5409452.8	10755.79981	321.35	43.25	48.838029	-86.929530	56292.22	56250.9	-0.91	56291.31	56286.48438	56352.27368	56349.36719	505171.1	5409452.8
L5180.0	505171.1	5409452.8	10755.90039	322.44	45.08	48.838029	-86.929530	56291.66	56250.9	-0.92	56290.75	56285.90625	56354.78231	56352.08203	505171.1	5409452.8
L5180.0	505171.1	5409451.3	10756.00000	324.07	42.72	48.838015	-86.929530	56290.98	56250.9	-0.92	56290.06	56285.19922	56355.49512	56353.00781	505171.1	5409451.3
L5180.0	505171.1	5409449.7	10756.00000	324.07	40.16	48.838000	-86.929529	56290.28	56250.9	-0.92	56289.36	56284.48047	56357.09348	56354.82813	505171.1	5409449.7
L5180.0	505171.1	5409448.8	10756.20020	324.99	41.09	48.837992	-86.929529	56289.40	56250.9	-0.92	56288.48	56283.58203	56355.90193	56353.87109	505171.1	5409448.8
L5180.0	505171.2	5409447.4	10756.29981	326.19	41.09	48.837979	-86.929528	56288.58	56250.9	-0.91	56287.66	56282.74609	56357.23934	56355.44922	505171.2	5409447.4
L5180.0	505171.2	5409446.2	10756.40039	317.38	41.37	48.837969	-86.929528	56287.70	56250.9	-0.91	56286.79	56281.85938	56358.74809	56357.20703	505171.2	5409446.2
L5180.0	505171.2	5409446.2	10756.50000	319.62	43.87	48.837969	-86.929528	56286.92	56250.9	-0.91	56286.01	56281.06250	56363.53988	56362.25781	505171.2	5409446.2
L5180.0	505171.2	5409444.8	10756.59961	328.85	40.18	48.837956	-86.929527	56286.10	56250.9	-0.91	56285.19	56280.22266	56368.83411	56367.82031	505171.2	5409444.8
L5180.0	505171.3	5409442.7	10756.70020	328.27	40.18	48.837937	-86.929527	56285.20	56250.9	-0.91	56284.30	56279.31641	56374.04632	56373.30469	505171.3	5409442.7
L5180.0	505171.3	5409442.7	10756.79981	325.71	41.63	48.837937	-86.929527	56284.06	56250.9	-0.90	56283.16	56278.16016	56375.31719	56374.85938	505171.3	5409442.7
L5180.0	505171.4	5409441.2	10756.90039	325.16	44.68	48.837924	-86.929526	56282.89	56250.9	-0.90	56281.99	56276.97656	56377.49714	56377.33203	505171.4	5409441.2
L5180.0	505171.4	5409440.1	10757.00000	322.57	44.68	48.837914	-86.929526	56281.63	56250.9	-0.90	56280.73	56275.69922	56379.33281	56379.46484	505171.4	5409440.1
L5180.0	505171.4	5409438.4	10757.09961	323.40	45.79	48.837899	-86.929525	56280.28	56250.9	-0.90	56279.38	56274.33594	56380.87611	56381.31641	505171.4	5409438.4
L5180.0	505171.5	5409437.0	10757.20020	321.89	43.68	48.837886	-86.929524	56278.91	56250.9	-0.90	56278.01	56272.94922	56383.72128	56384.47656	505171.5	5409437.0
L5180.0	505171.5	5409436.2	10757.29981	322.64	44.63	48.837879	-86.929524	56277.38	56250.9	-0.90	56276.48	56271.40625	56384.84726	56385.92578	505171.5	5409436.2
L5180.0	505171.5	5409434.8	10757.40039	321.58	46.26	48.837866	-86.929524	56275.71	56250.9	-0.90	56274.82	56269.73047	56384.92077	56386.32813	505171.5	5409434.8
L5180.0	505171.5	5409433.4	10757.50000	321.07	46.26	48.837854	-86.929523	56274.01	56250.9	-0.90	56273.11	56268.00781	56385.71287	56387.45313	505171.5	5409433.4
L5180.0	505171.5	5409433.4	10757.59961	321.43	44.12	48.837854	-86.929523	56272.20	56250.9	-0.89	56271.31	56266.19531	56386.34376	56388.42969	505171.5	5409433.4
L5180.0	505171.6	5409432.2	10757.70020	320.48	44.24	48.837843	-86.929523	56270.30	56250.9	-0.89	56269.41	56264.28125	56386.59148	56389.02344	505171.6	5409432.2
L5180.0	505171.6	5409429.8	10757.79981	322.40	44.24	48.837821	-86.929523	56268.26	56250.9	-0.89	56267.37	56262.22656	56385.55051	56388.33594	505171.6	5409429.8
L5180.0	505171.6	5409429.8	10757.90039	322.78	46.68	48.837821	-86.929523	56265.99	56250.9	-0.89	56265.10	56259.94531	56381.14884	56384.29688	505171.6	5409429.8
L5180.0	505171.6	5409428.3	10758.00000	323.97	43.97	48.837808	-86.929523	56263.70	56250.9	-0.89	56262.81	56257.64063	56378.20123	56381.71484	505171.6	5409428.3
L5180.0	505171.6	5409426.8	10758.00000	323.97	43.97	48.837794	-86.929522	56261.36	56250.9	-0.89	56260.47	56255.28906	56376.05868	56379.94141	505171.6	5409426.8
L5180.0	505171.6	5409425.4	10758.20020	325.04	45.26	48.837782	-86.929522	56258.96	56250.9	-0.89	56258.07	56252.87891	56374.51662	56378.77344	505171.6	5409425.4
L5180.0	505171.6	5409423.8	10758.29981	325.52	45.55	48.837768	-86.929522	56256.68	56250.9	-0.90	56255.78	56250.57422	56377.58801	56382.22266	505171.6	5409423.8
L5180.0	505171.6	5409423.1	10758.40039	326.32	45.55	48.837761	-86.929522	56254.28	56250.9	-0.90	56253.38	56248.16016	56380.17166	56385.19141	505171.6	5409423.1
L5180.0	505171.6	5409421.8	10758.50000	327.19	46.44	48.837749	-86.929522	56251.70	56250.9	-0.90	56250.80	56245.57031	56380.63520	56386.03906	505171.6	5409421.8
L5180.0	505171.6	5409421.8	10758.59961	327.12	43.5	48.837749	-86.929522	56249.02	56250.9	-0.90	56248.12	56242.87500	56380.86737	56386.66406	505171.6	5409421.8
L5180.0	505171.6	5409420.2	10758.70020	328.08	37.05	48.837735	-86.929522	56246.21	56250.9	-0.90	56245.31	56240.05469	56380.17513	56386.36328	505171.6	5409420.2
L5180.0	505171.6	5409418.3	10758.79981	327.49	37.05	48.837718	-86.929523	56243.11	56250.9	-0.91	56242.21	56236.94141	56374.81560	56381.39844	505171.6	5409418.3
L5180.0	505171.6	5409417.1	10758.90039	324.25	37.78	48.837708	-86.929523	56239.95	56250.9	-0.91	56239.04	56233.75781	56369.98314	56376.96094	505171.6	5409417.1
L5180.0	505171.6	5409415.8	10759.00000	324.51	38.84	48.837696	-86.929523	56236.54	56250.9	-0.91	56235.63	56230.33203	56361.72805	56369.10547	505171.6	5409415.8
L5180.0	505171.6	5409415.8	10759.09961	324.87	48.18	48.837696	-86.929523	56233.10	56250.9	-0.91	56232.19	56226.87891	56354.98725	56362.76172	505171.6	5409415.8
L5180.0	505171.6	5409414.4	10759.20020	322.72	48.18	48.837683	-86.929523	56229.49	56250.9	-0.90	56228.59	56223.26563	56346.77428	56354.94922	505171.6	5409414.4

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5180.0	505171.6	5409412.3	10759.29981	321.64	48.1	48.837664	-86.929524	56225.90	56250.9	-0.90	56225.00	56219.66016	56341.06209	56349.63672	505171.6	5409412.3
L5180.0	505171.6	5409412.3	10759.40039	322.26	47.54	48.837664	-86.929524	56222.18	56250.9	-0.90	56221.28	56215.92188	56334.64275	56343.61719	505171.6	5409412.3
L5180.0	505171.5	5409410.6	10759.50000	322.73	47.54	48.837648	-86.929524	56218.39	56250.9	-0.90	56217.50	56212.12500	56329.15582	56338.52734	505171.5	5409410.6
L5180.0	505171.5	5409409.2	10759.59961	322.12	46.61	48.837636	-86.929524	56214.46	56250.9	-0.89	56213.57	56208.17969	56322.59443	56332.36719	505171.5	5409409.2
L5180.0	505171.5	5409408.3	10759.70020	321.68	49.17	48.837628	-86.929524	56210.44	56250.9	-0.89	56209.55	56204.14063	56316.35766	56326.52344	505171.5	5409408.3
L5180.0	505171.5	5409406.9	10759.79981	319.27	49.17	48.837615	-86.929525	56206.25	56250.9	-0.89	56205.36	56199.92969	56308.70827	56319.26953	505171.5	5409406.9
L5180.0	505171.5	5409405.4	10759.90039	321.60	48.82	48.837602	-86.929525	56201.82	56250.9	-0.88	56200.93	56195.48047	56298.18864	56309.14063	505171.5	5409405.4
L5180.0	505171.5	5409404.5	10760.00000	320.35	48.82	48.837593	-86.929525	56197.37	56250.9	-0.88	56196.49	56191.01953	56289.88833	56301.23047	505171.5	5409404.5
L5180.0	505171.5	5409403.3	10760.00000	320.35	48.17	48.837583	-86.929525	56192.82	56250.9	-0.88	56191.94	56186.44531	56281.62355	56293.35156	505171.5	5409403.3
L5180.0	505171.5	5409401.9	10760.09961	319.51	49.23	48.837570	-86.929525	56188.21	56250.9	-0.88	56187.33	56181.81250	56274.48221	56286.58984	505171.5	5409401.9
L5180.0	505171.5	5409401.9	10760.20020	322.77	47.48	48.837570	-86.929525	56183.54	56250.9	-0.88	56182.65	56177.10547	56268.24895	56280.73047	505171.5	5409401.9
L5180.0	505171.5	5409400.6	10760.20020	322.77	47.78	48.837559	-86.929525	56178.74	56250.9	-0.88	56177.86	56172.28906	56262.05367	56274.91016	505171.5	5409400.6
L5180.0	505171.5	5409398.9	10760.50000	323.59	47.78	48.837544	-86.929525	56173.66	56250.9	-0.89	56172.77	56167.17188	56251.86422	56265.08984	505171.5	5409398.9
L5180.0	505171.5	5409397.8	10760.59961	322.21	47.78	48.837534	-86.929525	56168.56	56250.9	-0.89	56167.66	56162.03125	56243.57839	56257.16406	505171.5	5409397.8
L5180.0	505171.5	5409396.6	10760.70020	321.60	48.71	48.837523	-86.929525	56163.32	56250.9	-0.89	56162.43	56156.76953	56235.05879	56249.00000	505171.5	5409396.6
L5180.0	505171.5	5409396.6	10760.79981	321.06	48.71	48.837523	-86.929525	56158.11	56250.9	-0.90	56157.22	56151.52344	56229.21197	56243.50000	505171.5	5409396.6
L5180.0	505171.5	5409394.9	10760.90039	321.51	46.28	48.837507	-86.929525	56152.75	56250.9	-0.90	56151.85	56146.12109	56222.25077	56236.88281	505171.5	5409394.9
L5180.0	505171.5	5409393.4	10761.00000	321.24	47.02	48.837494	-86.929525	56147.36	56250.9	-0.90	56146.46	56140.69141	56217.07200	56232.03906	505171.5	5409393.4
L5180.0	505171.5	5409392.0	10761.09961	320.74	47.02	48.837481	-86.929525	56141.79	56250.9	-0.90	56140.88	56135.07031	56210.11584	56225.41016	505171.5	5409392.0
L5180.0	505171.5	5409390.3	10761.20020	321.70	47.92	48.837466	-86.929525	56136.18	56250.9	-0.91	56135.28	56129.42969	56204.88537	56220.49609	505171.5	5409390.3
L5180.0	505171.5	5409389.1	10761.29981	323.30	49.05	48.837455	-86.929525	56130.41	56250.9	-0.91	56129.50	56123.60547	56198.04139	56213.96094	505171.5	5409389.1
L5180.0	505171.5	5409389.1	10761.40039	322.07	48.01	48.837455	-86.929525	56124.50	56250.9	-0.91	56123.58	56117.64063	56190.39117	56206.61328	505171.5	5409389.1
L5180.0	505171.4	5409387.5	10761.50000	322.03	48.01	48.837441	-86.929525	56118.46	56250.9	-0.92	56117.55	56111.55859	56182.52853	56199.04297	505171.4	5409387.5
L5180.0	505171.4	5409386.2	10761.59961	319.43	46.18	48.837429	-86.929525	56112.36	56250.9	-0.92	56111.44	56105.39844	56175.03849	56191.83594	505171.4	5409386.2
L5180.0	505171.4	5409385.0	10761.70020	318.13	47.99	48.837418	-86.929525	56106.11	56250.9	-0.92	56105.18	56099.08594	56166.44589	56183.51172	505171.4	5409385.0
L5180.0	505171.4	5409383.1	10761.79981	318.25	47.99	48.837401	-86.929526	56099.83	56250.9	-0.92	56098.90	56092.74609	56159.37700	56176.70313	505171.4	5409383.1
L5180.0	505171.4	5409383.1	10761.90039	318.45	50.37	48.837401	-86.929526	56093.43	56250.9	-0.93	56092.50	56086.28906	56151.73366	56169.31250	505171.4	5409383.1
L5180.0	505171.4	5409381.7	10762.00000	319.55	49.42	48.837388	-86.929526	56086.96	56250.9	-0.93	56086.03	56079.75781	56144.48843	56162.30859	505171.4	5409381.7
L5180.0	505171.4	5409380.2	10762.00000	319.55	50.41	48.837376	-86.929526	56080.31	56250.9	-0.93	56079.38	56073.04297	56135.33340	56153.37891	505171.4	5409380.2
L5180.0	505171.4	5409379.1	10762.20020	320.12	50.41	48.837365	-86.929526	56073.57	56250.9	-0.92	56072.65	56066.24219	56126.24877	56144.51172	505171.4	5409379.1
L5180.0	505171.4	5409377.6	10762.29981	321.48	51.83	48.837352	-86.929526	56066.76	56250.9	-0.92	56065.84	56059.36328	56117.16120	56135.62500	505171.4	5409377.6
L5180.0	505171.4	5409376.0	10762.40039	320.03	50.97	48.837337	-86.929526	56059.82	56250.9	-0.92	56058.90	56052.34766	56106.96203	56125.61719	505171.4	5409376.0
L5180.0	505171.4	5409375.0	10762.50000	320.06	50.97	48.837329	-86.929526	56052.78	56250.9	-0.92	56051.87	56045.24219	56096.38222	56115.21875	505171.4	5409375.0
L5180.0	505171.4	5409375.0	10762.59961	320.54	50.52	48.837329	-86.929526	56045.63	56250.9	-0.91	56044.71	56038.00000	56084.49701	56103.50000	505171.4	5409375.0
L5180.0	505171.4	5409373.3	10762.70020	321.10	50.52	48.837314	-86.929526	56038.46	56250.9	-0.91	56037.55	56030.75781	56073.88486	56093.03906	505171.4	5409373.3
L5180.0	505171.4	5409372.2	10762.79981	320.54	51.62	48.837303	-86.929526	56031.18	56250.9	-0.91	56030.28	56023.40234	56062.14773	56081.43750	505171.4	5409372.2
L5180.0	505171.4	5409371.0	10762.90039	320.03	51.62	48.837292	-86.929527	56023.87	56250.9	-0.90	56022.96	56015.99219	56050.40839	56069.82422	505171.4	5409371.0
L5180.0	505171.3	5409369.9	10763.00000	320.43	50.12	48.837282	-86.929527	56016.41	56250.9	-0.90	56015.51	56008.44922	56036.85473	56056.38281	505171.3	5409369.9
L5180.0	505171.3	5409368.6	10763.09961	321.51	50.12	48.837271	-86.929527	56008.87	56250.9	-0.90	56007.97	56000.81250	56022.17378	56041.80078	505171.3	5409368.6
L5180.0	505171.3	5409367.0	10763.20020	322.24	49.96	48.837257	-86.929528	56001.34	56250.9	-0.90	56000.43	55993.17188	56008.13322	56027.84375	505171.3	5409367.0
L5180.0	505171.3	5409366.0	10763.29981	320.90	47.43	48.837247	-86.929528	55993.74	56250.9	-0.90	55992.84	55985.47656	55993.53401	56013.30859	505171.3	5409366.0
L5180.0	505171.3	5409364.9	10763.40039	321.95	47.43	48.837238	-86.929528	55986.11	56250.9	-0.90	55985.20	55977.73047	55978.22750	55998.05859	505171.3	5409364.9
L5180.0	505171.2	5409363.5	10763.50000	323.65	50.51	48.837225	-86.929529	55978.41	56250.9	-0.90	55977.51	55969.92969	55962.06100	55981.93359	505171.2	5409363.5
L5180.0	505171.2	5409362.6	10763.59961	325.52	50.51	48.837217	-86.929529	55970.72	56250.9	-0.91	55969.82	55962.12891	55945.96959	55965.86719	505171.2	5409362.6
L5180.0	505171.2	5409362.6	10763.70020	326.54	50.1	48.837217	-86.929529	55962.88	56250.9	-0.91	55961.98	55954.16797	55926.53066	55946.43359	505171.2	5409362.6
L5180.0	505171.2	5409361.0	10763.79981	325.37	50.09	48.837202	-86.929530	55955.20	56250.9	-0.91	55954.29	55946.35938	55910.14279	55930.03906	505171.2	5409361.0
L5180.0	505171.1	5409359.4	10763.90039	323.10	50.09	48.837188	-86.929530	55947.30	56250.9	-0.91	55946.39	55938.33203	55888.77067	55908.64453	505171.1	5409359.4
L5180.0	505171.1	5409357.9	10764.00000	323.15	51.11	48.837174	-86.929530	55939.51	56250.9	-0.91	55938.60	55930.41797	55869.27224	55889.11328	505171.1	5409357.9
L5180.0	505171.1	5409357.9	10764.00000	323.15	50.55	48.837174	-86.929530	55931.74	56250.9	-0.91	55930.83	55922.51563	55849.51804	55869.30469	505171.1	5409357.9
L5180.0	505171.1	5409356.1	10764.20020	324.35	50.55	48.837158	-86.929531	55923.95	56250.9	-0.91	55923.04	55914.58984	55828.46430	55848.18359	505171.1	5409356.1
L5180.0	505171.0	5409354.7	10764.29981	325.82	52.75	48.837146	-86.929531	55916.19	56250.9	-0.91	55915.28	55906.69141	55807.04421	55826.67969	505171.0	5409354.7
L5180.0	505171.0	5409353.3	10764.40039	325.04	52.75	48.837133	-86.929532	55908.55	56250.9	-0.91	55907.64	55898.91016	55787.06365	55806.60156	505171.0	5409353.3
L5180.0	505171.0	5409353.3	10764.50000	324.83	52.7	48.837133	-86.929532	55900.84	56250.9	-0.92	55899.92	55891.04297	55763.94984	55783.37500	505171.0	5409353.3
L5180.0	505171.0	5409351.5	10764.59961	322.78	51.39	48.837117	-86.929532	55893.27	56250.9	-0.92	55892.36	55883.33594	55742.78491	55762.08203	505171.0	5409351.5
L5180.0	505171.0	5409350.0	10764.70020	323.31	51.02	48.837104	-86.929532	55885.78	56250.9	-0.92	55884.86	55875.68359	55721.18065	55740.33203	505171.0	5409350.0
L5180.0	505171.0	5409350.0	10764.79981	321.31	51.02	48.837104	-86.929532	55878.40	56250.9	-0.92	55877.48	55868.14453	55700.24506	55719.23438	505171.0	5409350.0
L5180.0	505171.0	5409347.5	10764.90039	320.49	51.02	48.837081	-86.929533	55871.09	56250.9	-0.92	55870.17	55860.67578	55678.68517	55697.50000	505171.0	5409347.5
L5180.0	505171.0	5409347.5	10765.00000	319.62	50.79	48.837081	-86.929533	55863.95	56250.9	-0.92	55863.03	55853.37500	55658.46220	55677.08984	505171.0	5409347.5
L5180.0	505170.9	5409344.8	10765.09961	318.35	50.77	48.837057	-86.929533	55856.95	56250.9	-0.92	55856.03	55846.21094	55638.70622	55657.12891	505170.9	5409344.8
L5180.0	505170.9	5409344.8	10765.20020	317.67	52.27	48.837057	-86.929533	55850.04	56250.9	-0.92	55849.13	55839.14063	55618.33808	55636.53906	505170.9	5409344.8
L5180.0	505170.9	5409343.1	10765.29981	318.83	52.47	48.837042	-86.929533	55843.34	56250.9	-0.92	55842.42	55832.25781	55599.08256	55617.04688	505170.9	5409343.1
L5180.0	505170.9	5409341.8	10765.40039	320.14	52.47	48.837029	-86.929533	55836.79	56250.9	-0.92	55835.87	55825.53125	55580.07892	55597.79688	505170.9	5409341.8
L5180.0	505170.9	5409341.8	10765.50000	321.14	52.47	48.837029	-86.929533	55830.48	56250.9	-0.92	55829.57	55819.05469	55563.03164	55580.48438	505170.9	5409341.8
L5180.0	505171.0	5409340.3	10765.59961	323.91	54.09	48.837016	-86.929533	55824.42	56250.9	-0.91	55823.51	55812.81250	55547.49819	55564.67578	505171.0	5409340.3
L5180.0	505171.0	5409338.7	10765.70020	324.05	52.04	48.837002	-86.929532	55818.52	56250.9	-0.91	55817.61	55806.73047	55531.58816	55548.47266	505171.0	5409338.7
L5180.0	505171.0	5409337.2	10765.79981	323.17	52.02	48.836988	-86.929532	55812.84	56250.9	-0.91	55811.93	55800.86328	55516.45748	55533.03516	505171.0	5409337.2
L5180.0	505171.0	5409337.2	10765.90039	323.57	52.02	48.836988	-86.929532	55807.44	56250.9	-0.91	55806.53	55795.27344	55503.21471	55519.47266	505171.0	5409337.2
L5180.0	505171.0	5409336.0	10766.00000	320.77	52.02	48.836977	-86.929532	55802.21	56250.9	-0.91	55801.30	55789.85156	55489.34944	55505.27734	505171.0	5409336.0
L5180.0	505171.0	5409334.3	10766.00000	320.77	50.74	48.836962	-86.929532	55797.23	56250.9	-0.91	55796.32	55784.67578	55476.36624	55491.94922	505171.0	5409334.3
L5180.0	505171.0	5409333.1	10766.20020	321.90	53.46	48.836951	-86.929532	55792.48	56250.9	-0.92	55791.56	55779.71875	55463.43882	55478.66406	505171.0	5409333.1
L5180.0	505171.0	5409331.6	10766.29981	320.92	52.94	48.836938	-86.929532	55788.05	56250.9	-0.92	55787.13	55775.08984	55452.73968	55467.58984	505171.0	5409331.6
L5180.0	505171.0	5409330.2	10766.40039	323.14	52.94	48.836926	-86.929531	55783.77	56250.9	-0.92	55782.84	55770.59766	55440.04789	55454.51563	505171.0	5409330.2
L5180.0	505171.1	5409328.8	10766.50000	324.24	49.78	48.836913	-86.929531	55779.85	56250.9	-0.93	55778.93	55766.48438	55430.44062	55444.51563	505171.1	5409328.8
L5180.0	505171.1	5409328.8	10766.59961	323.78	51.45	48.836913	-86.929531	55776.16	56250.9	-0.93	55775.23	55762.57813	55420.21779	55433.89063	505171.1	5409328.8
L5180.0	505171.1	5409327.4	10766.70020	323.24	51.45	48.836900	-86.929531	55772.76	56250.9	-0.93	55771.83	55758.97266	55411.26136	55424.51172	505171.1	5409327.4
L5180.0	505171.1	5409325.9	10766.79981	321.44	53.48	48.836887	-86.929531	55769.64	56250.9	-0.93	55768.71	55755.64063	55403.10504	55415.92578	505171.1	5409325.9
L5180.0	505171.1	5409324.5	10766.90039	320.21	54.96	48.836874	-86.929531	55766.84	56250.9	-0.94	55765.91	55752.63281	55396.59450	55408.97656	505171.1	5409324.5
L5180.0	505171.1	5409323.3	10767.00000	322.68	55.72	48.836863	-86.929530	55764.30	56250.9	-0.94	55763.36	55749.86719	55390.15949	55402.09766	505171.1	5409323.3
L5180.0	505171.1	5409322.1	10767.09961	320.44	52.81	48.836853	-86.929530	55762.09	56250.9	-0.94	55761.15	55747.44531	55385.77854	55397.25781	505171.1	5409322.1
L5180.0	505171.2	5409320.6	10767.20020	321.27	52.81	48.836839	-86.929530	55760.14	56250.9	-0.93	55759.21	55745.28906	55381.91561	55392.92578	505171.2	5409320.6
L5180.0	505171.2	5409320.6	10767.29981	321.64	55.36	48.836839	-86.929530	55758.56	56250.9	-0.93	55757.63	55743.49219	55380.58079	55391.10938	505171.2	5409320.6
L5180.0	505171.2	5409319.2	10767.40039	321.93	54.26	48.836826	-86.929530	55757.16	56250.9	-0.93	55756.23	55741.87500	55377.74738	55387.79297	505171.2	5409319.2
L5180.0	505171.2	5409317.7	10767.50000	322.15	55.06	48.836813	-86.929530	55756.05	56250.9	-0.93	55755.13	55740.55469	55376.12796	55385.67969	505171.2	5409317.7
L5180.0	505171.2	5409317.7	10767.59961	324.84	53.81	48.836813	-86.929530	55755.23	56250.9	-0.92	55754.31	55739.51563	55375.29774	55384.35156	505171.2	5409317.7
L5180.0	505171.2	5409315.3	10767.70020	326.75	52.84	48.836791	-86.929530	55754.66	56250.9	-0.92	55753.74	55738.72656	55374.60820	55383.14844	505171.2	5409315.3
L5180.0	505171.2	5409314.3	10767.79981	328.08	52.57	48.836783	-86.929530	55754.38	56250.9	-0.92	55753.46	55738.22656	55375.05649	55383.08203	505171.2	5409314.3
L5180.0	505171.2	5409312.9	10767.90039	330.44	52.57	48.836769	-86.929530	55754.36	56250.9	-0.91	55753.44	55737.98828	55376.01504	55383.51563	505171.2	5409312.9
L5180.0	505171.2	5409311.7	10768.00000	329.34	53.86	48.836759	-86.929530	55754.59	56250.9	-0.91	55753.68	55738.00781	55377.56668	55384.54297	505171.2	5409311.7
L5180.0	505171.2	5409310.7	10768.00000	329.34	55.98	48.836750	-86.929530	55755.08	56250.9	-0.91	55754.17	55738.27734	55379.56971	55386.01172	505171.2	5409310.7
L5180.0	505171.2	5409309.3	10768.20020	327.05	53.65	48.836737	-86.929530	55755.91	56250.9	-0.92	55755.00	55738.88672	55384.35184	55390.25391	505171.2	5409309.3
L5180.0	505171.2	5409307.8	10768.29981	326.29	53.65	48.836724	-86.929530	55756.93	56250.9	-0.92	55756.01	55739.67578	55388.23122	55393.58594	505171.2	5409307.8
L5180.0	505171.2	5409307.8	10768.40039	324.92	56.78	48.836724	-86.929530	55758.20	56250.9	-0.92	55757.28	55740.72656	55393.34688	55398.15625	505171.2	5409307.8
L5180.0	505171.2	5409306.4	10768.50000	323.41	57.39	48.836711	-86.929530	55759.72	56250.9	-0.93	55758.79	55742.01563	55399.40434	55403.66406	505171.2	5409306.4

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5180.0	505171.2	5409305.5	10768.59961	326.07	57.39	48.836703	-86.929529	55761.40	56250.9	-0.93	55760.47	55743.48047	55404.84479	55408.55078	505171.2	5409305.5
L5180.0	505171.2	5409304.0	10768.70020	319.51	57.15	48.836690	-86.929529	55763.28	56250.9	-0.93	55762.35	55745.14063	55410.63091	55413.77734	505171.2	5409304.0
L5180.0	505171.3	5409302.3	10768.79981	319.23	57.15	48.836675	-86.929529	55765.43	56250.9	-0.93	55764.50	55747.07422	55418.79282	55421.37500	505171.3	5409302.3
L5180.0	505171.3	5409302.3	10768.90039	326.33	60.4	48.836675	-86.929529	55767.79	56250.9	-0.94	55766.85	55749.21094	55427.76582	55429.78906	505171.3	5409302.3
L5180.0	505171.3	5409300.9	10769.00000	326.84	60.32	48.836662	-86.929529	55770.37	56250.9	-0.94	55769.43	55751.57813	55376.62532	55378.08594	505171.3	5409300.9
L5180.0	505171.3	5409299.0	10769.09961	327.65	60.32	48.836645	-86.929528	55773.12	56250.9	-0.94	55772.18	55754.11328	55393.55936	55394.45703	505171.3	5409299.0
L5180.0	505171.3	5409297.3	10769.20020	327.72	60.16	48.836630	-86.929528	55776.08	56250.9	-0.94	55775.14	55756.86328	55412.10215	55412.43359	505171.3	5409297.3
L5180.0	505171.3	5409297.3	10769.29981	327.55	60.16	48.836630	-86.929528	55779.22	56250.9	-0.94	55778.28	55759.79688	55431.71838	55431.48047	505171.3	5409297.3
L5180.0	505171.4	5409295.9	10769.40039	328.64	60.16	48.836617	-86.929528	55782.58	56250.9	-0.94	55781.64	55762.94922	55453.25159	55452.45313	505171.4	5409295.9
L5180.0	505171.4	5409294.9	10769.50000	329.49	60.78	48.836608	-86.929528	55786.07	56250.9	-0.94	55785.13	55766.23828	55475.02069	55473.66016	505171.4	5409294.9
L5180.0	505171.4	5409293.5	10769.59961	330.01	55.99	48.836595	-86.929527	55789.71	56250.9	-0.94	55788.77	55769.67578	55497.47157	55495.54688	505171.4	5409293.5
L5180.0	505171.4	5409292.0	10769.70020	329.91	57.03	48.836582	-86.929527	55793.48	56250.9	-0.94	55792.54	55773.24609	55520.27652	55517.78906	505171.4	5409292.0
L5180.0	505171.4	5409292.0	10769.79981	331.96	58.92	48.836582	-86.929527	55797.33	56250.9	-0.94	55796.39	55776.89844	55542.52800	55539.48438	505171.4	5409292.0
L5180.0	505171.4	5409290.3	10769.90039	329.89	58.92	48.836566	-86.929527	55801.31	56250.9	-0.94	55800.36	55780.67578	55565.07805	55561.47656	505171.4	5409290.3
L5180.0	505171.4	5409288.4	10770.00000	329.05	58.6	48.836549	-86.929527	55805.40	56250.9	-0.94	55804.46	55784.58594	55588.19015	55584.03906	505171.4	5409288.4
L5180.0	505171.4	5409287.2	10770.00000	329.05	58.58	48.836538	-86.929527	55809.54	56250.9	-0.94	55808.60	55788.53906	55610.17332	55605.47656	505171.4	5409287.2
L5180.0	505171.4	5409287.2	10770.20020	326.03	58.58	48.836538	-86.929527	55813.77	56250.9	-0.94	55812.83	55792.58594	55632.08794	55626.84375	505171.4	5409287.2
L5180.0	505171.4	5409284.8	10770.29981	325.20	53.65	48.836517	-86.929527	55818.07	56250.9	-0.94	55817.13	55796.70313	55645.74679	55639.96094	505171.4	5409284.8
L5180.0	505171.4	5409283.6	10770.40039	326.02	52.6	48.836506	-86.929527	55822.35	56250.9	-0.94	55821.41	55800.80859	55660.40374	55654.08203	505171.4	5409283.6
L5180.0	505171.4	5409282.2	10770.50000	325.25	58.47	48.836493	-86.929527	55826.77	56250.9	-0.93	55825.83	55805.05469	55677.10734	55670.25781	505171.4	5409282.2
L5180.0	505171.4	5409282.2	10770.59961	323.89	57.45	48.836493	-86.929527	55831.22	56250.9	-0.93	55830.29	55809.34375	55693.41357	55686.03906	505171.4	5409282.2
L5180.0	505171.4	5409280.5	10770.70020	324.57	54.73	48.836478	-86.929527	55835.66	56250.9	-0.93	55834.72	55813.60938	55707.71093	55699.82031	505171.4	5409280.5
L5180.0	505171.4	5409279.6	10770.79981	325.89	53.16	48.836470	-86.929527	55840.13	56250.9	-0.93	55839.20	55817.92969	55722.21126	55713.80469	505171.4	5409279.6
L5180.0	505171.4	5409278.2	10770.90039	326.16	55.86	48.836457	-86.929527	55844.68	56250.9	-0.93	55843.75	55822.32422	55737.55090	55728.64063	505171.4	5409278.2
L5180.0	505171.4	5409277.0	10771.00000	327.15	51.76	48.836447	-86.929527	55849.23	56250.9	-0.93	55848.30	55826.71875	55752.12134	55742.71484	505171.4	5409277.0
L5180.0	505171.4	5409276.0	10771.09961	326.61	52.19	48.836438	-86.929527	55853.69	56250.9	-0.93	55852.76	55831.03125	55763.87790	55753.98438	505171.4	5409276.0
L5180.0	505171.4	5409274.6	10771.20020	324.98	52.19	48.836425	-86.929527	55858.26	56250.9	-0.93	55857.33	55835.46094	55777.88654	55767.50781	505171.4	5409274.6
L5180.0	505171.4	5409272.9	10771.29981	325.29	51.93	48.836410	-86.929527	55862.74	56250.9	-0.93	55861.80	55839.78906	55789.18184	55778.32813	505171.4	5409272.9
L5180.0	505171.4	5409272.2	10771.40039	322.26	51.93	48.836403	-86.929527	55867.27	56250.9	-0.93	55866.34	55844.19922	55802.02070	55790.70313	505171.4	5409272.2
L5180.0	505171.4	5409270.7	10771.50000	323.37	55.56	48.836391	-86.929527	55871.77	56250.9	-0.93	55870.83	55848.55859	55813.65263	55801.87891	505171.4	5409270.7
L5180.0	505171.4	5409270.7	10771.59961	325.23	55.9	48.836391	-86.929527	55876.17	56250.9	-0.94	55875.24	55852.84766	55823.52635	55811.30469	505171.4	5409270.7
L5180.0	505171.4	5409268.3	10771.70020	324.92	55.11	48.836369	-86.929527	55880.55	56250.9	-0.94	55879.61	55857.09766	55832.72920	55820.07031	505171.4	5409268.3
L5180.0	505171.4	5409267.4	10771.79981	324.30	55.11	48.836360	-86.929527	55884.95	56250.9	-0.94	55884.01	55861.38672	55842.99075	55829.90234	505171.4	5409267.4
L5180.0	505171.4	5409265.7	10771.90039	325.08	52.5	48.836345	-86.929527	55889.20	56250.9	-0.94	55888.26	55865.52734	55850.27640	55836.76953	505171.4	5409265.7
L5180.0	505171.4	5409265.7	10772.00000	325.12	54.94	48.836345	-86.929527	55893.60	56250.9	-0.94	55892.66	55869.82813	55861.53234	55847.62109	505171.4	5409265.7
L5180.0	505171.4	5409264.5	10772.00000	325.12	54.94	48.836334	-86.929527	55897.78	56250.9	-0.94	55896.84	55873.91016	55868.44691	55854.13672	505171.4	5409264.5
L5180.0	505171.4	5409263.5	10772.20020	323.29	54.66	48.836326	-86.929527	55902.00	56250.9	-0.94	55901.06	55878.03906	55876.96117	55862.26563	505171.4	5409263.5
L5180.0	505171.4	5409262.1	10772.29981	322.92	55.11	48.836312	-86.929527	55906.18	56250.9	-0.94	55905.24	55882.13672	55885.33215	55870.26172	505171.4	5409262.1
L5180.0	505171.4	5409260.6	10772.40039	321.90	55.11	48.836299	-86.929527	55910.29	56250.9	-0.94	55909.36	55886.17578	55893.18429	55877.75000	505171.4	5409260.6
L5180.0	505171.4	5409258.9	10772.50000	322.36	54.82	48.836284	-86.929527	55914.34	56250.9	-0.93	55913.41	55890.15234	55900.36786	55884.58203	505171.4	5409258.9
L5180.0	505171.4	5409258.9	10772.59961	321.65	54.82	48.836284	-86.929527	55918.32	56250.9	-0.93	55917.38	55894.05859	55906.73871	55890.61328	505171.4	5409258.9
L5180.0	505171.4	5409257.5	10772.70020	322.08	56.14	48.836271	-86.929527	55922.31	56250.9	-0.93	55921.38	55897.99609	55914.68197	55898.22656	505171.4	5409257.5
L5180.0	505171.4	5409256.0	10772.79981	320.95	54.72	48.836258	-86.929527	55926.13	56250.9	-0.93	55925.20	55901.76172	55919.81381	55903.03906	505171.4	5409256.0
L5180.0	505171.4	5409254.8	10772.90039	320.22	56.95	48.836247	-86.929528	55930.00	56250.9	-0.93	55929.06	55905.57422	55926.81097	55909.73438	505171.4	5409254.8
L5180.0	505171.4	5409253.4	10773.00000	320.13	56.95	48.836234	-86.929528	55933.70	56250.9	-0.93	55932.76	55909.23047	55931.53131	55914.16016	505171.4	5409253.4
L5180.0	505171.4	5409252.1	10773.09961	319.06	57.19	48.836223	-86.929528	55937.44	56250.9	-0.93	55936.51	55912.94531	55938.39469	55920.74609	505171.4	5409252.1
L5180.0	505171.4	5409250.4	10773.20020	319.49	57.63	48.836208	-86.929528	55941.06	56250.9	-0.92	55940.13	55916.53516	55943.68310	55925.76563	505171.4	5409250.4
L5180.0	505171.4	5409250.4	10773.29981	317.46	56.01	48.836208	-86.929528	55944.57	56250.9	-0.92	55943.65	55920.03125	55948.04023	55929.86719	505171.4	5409250.4
L5180.0	505171.4	5409249.0	10773.40039	316.56	56.01	48.836195	-86.929528	55948.04	56250.9	-0.92	55947.12	55923.48438	55952.52512	55934.10938	505171.4	5409249.0
L5180.0	505171.4	5409247.3	10773.50000	315.41	57.46	48.836180	-86.929528	55951.50	56250.9	-0.92	55950.58	55926.93359	55958.00177	55939.35938	505171.4	5409247.3
L5180.0	505171.4	5409247.3	10773.59961	317.64	58.19	48.836180	-86.929528	55954.82	56250.9	-0.91	55953.90	55930.25000	55961.71820	55942.85547	505171.4	5409247.3
L5180.0	505171.4	5409245.6	10773.70020	320.03	60.01	48.836164	-86.929528	55958.13	56250.9	-0.91	55957.22	55933.57031	55966.65685	55947.58984	505171.4	5409245.6
L5180.0	505171.4	5409244.4	10773.79981	322.85	60.69	48.836153	-86.929528	55961.32	56250.9	-0.91	55960.41	55936.76953	55970.01854	55950.76172	505171.4	5409244.4
L5180.0	505171.4	5409243.1	10773.90039	322.89	61.67	48.836142	-86.929528	55964.43	56250.9	-0.90	55963.52	55939.89453	55972.85659	55953.42188	505171.4	5409243.1
L5180.0	505171.4	5409241.9	10774.00000	323.83	61.67	48.836131	-86.929528	55967.54	56250.9	-0.90	55966.64	55943.03516	55977.14065	55957.53906	505171.4	5409241.9
L5180.0	505171.4	5409240.4	10774.00000	323.83	62.23	48.836118	-86.929527	55970.52	56250.9	-0.90	55969.62	55946.04297	55979.55392	55959.80078	505171.4	5409240.4
L5180.0	505171.5	5409238.5	10774.20020	325.23	62.97	48.836100	-86.929527	55973.48	56250.9	-0.91	55972.56	55949.01563	55982.28566	55962.39453	505171.5	5409238.5
L5180.0	505171.5	5409238.5	10774.29981	325.67	63.83	48.836100	-86.929527	55976.32	56250.9	-0.92	55975.40	55951.89453	55983.97779	55963.95703	505171.5	5409238.5
L5180.0	505171.5	5409237.3	10774.40039	328.07	63.83	48.836090	-86.929526	55979.15	56250.9	-0.92	55978.22	55954.76172	55986.41253	55966.28125	505171.5	5409237.3
L5180.0	505171.6	5409235.4	10774.50000	327.42	64.18	48.836073	-86.929526	55981.90	56250.9	-0.93	55980.97	55957.56641	55988.45201	55968.21875	505171.6	5409235.4
L5180.0	505171.6	5409234.2	10774.59961	325.93	64.01	48.836062	-86.929525	55984.64	56250.9	-0.94	55983.71	55960.36328	55991.43866	55971.11719	505171.6	5409234.2
L5180.0	505171.6	5409234.2	10774.70020	327.17	64.01	48.836062	-86.929525	55987.24	56250.9	-0.94	55986.30	55963.01953	55992.18832	55971.78906	505171.6	5409234.2
L5180.0	505171.7	5409231.7	10774.79981	323.51	64.45	48.836039	-86.929524	55989.88	56250.9	-0.95	55988.93	55965.72266	55994.98413	55974.52344	505171.7	5409231.7
L5180.0	505171.7	5409231.7	10774.90039	323.78	63.87	48.836039	-86.929524	55992.38	56251	-0.95	55991.42	55968.28906	55995.74983	55975.23828	505171.7	5409231.7
L5180.0	505171.7	5409230.5	10775.00000	321.73	63.45	48.836028	-86.929524	55994.93	56251	-0.96	55993.97	55970.92188	55998.96227	55978.41406	505171.7	5409230.5
L5180.0	505171.8	5409228.8	10775.09961	322.62	65.37	48.836014	-86.929523	55997.36	56251	-0.96	55996.40	55973.44141	56000.56869	55979.99219	505171.8	5409228.8
L5180.0	505171.8	5409227.4	10775.20020	322.81	65.37	48.836000	-86.929522	55999.74	56251	-0.96	55998.78	55975.91797	56002.12223	55981.53125	505171.8	5409227.4
L5180.0	505171.9	5409226.2	10775.29981	321.24	66.8	48.835990	-86.929522	56002.14	56251	-0.95	56001.19	55978.42969	56005.35524	55984.76172	505171.9	5409226.2
L5180.0	505171.9	5409224.8	10775.40039	321.17	67.75	48.835977	-86.929521	56004.44	56251	-0.95	56003.49	55980.83594	56007.17183	55986.58984	505171.9	5409224.8
L5180.0	505171.9	5409224.1	10775.50000	320.77	67.75	48.835971	-86.929521	56006.72	56250.9	-0.95	56005.77	55983.23047	56009.52347	55988.96094	505171.9	5409224.1
L5180.0	505172.0	5409222.6	10775.59961	321.88	69.22	48.835958	-86.929520	56008.92	56250.9	-0.95	56007.97	55985.55078	56011.09011	55990.56250	505172.0	5409222.6
L5180.0	505172.0	5409222.6	10775.70020	318.86	68.69	48.835958	-86.929520	56011.07	56250.9	-0.95	56010.13	55987.83594	56012.71817	55992.23438	505172.0	5409222.6
L5180.0	505172.0	5409221.2	10775.79981	318.83	67.81	48.835945	-86.929520	56013.27	56250.9	-0.94	56012.32	55990.15625	56015.88744	55995.45703	505172.0	5409221.2
L5180.0	505172.0	5409219.8	10775.90039	318.84	67	48.835932	-86.929519	56015.37	56250.9	-0.94	56014.43	55992.39844	56018.21594	55997.85156	505172.0	5409219.8
L5180.0	505172.1	5409218.4	10776.00000	319.13	67	48.835920	-86.929519	56017.46	56250.9	-0.94	56016.52	55994.62891	56020.97746	56000.69141	505172.1	5409218.4
L5180.0	505172.1	5409217.3	10776.00000	319.13	65.36	48.835909	-86.929519	56019.50	56250.9	-0.94	56018.56	55996.81641	56023.50988	56003.30859	505172.1	5409217.3
L5180.0	505172.1	5409216.2	10776.20020	319.89	68.97	48.835900	-86.929518	56021.54	56250.9	-0.94	56020.60	55999.00781	56026.88247	56006.78125	505172.1	5409216.2
L5180.0	505172.1	5409214.8	10776.29981	323.14	68.97	48.835887	-86.929518	56023.52	56250.9	-0.94	56022.58	56001.14453	56029.77881	56009.78516	505172.1	5409214.8
L5180.0	505172.2	5409213.2	10776.40039	323.93	69.05	48.835873	-86.929518	56025.41	56250.9	-0.94	56024.47	56003.19531	56031.50677	56011.62891	505172.2	5409213.2
L5180.0	505172.2	5409212.4	10776.50000	323.95	69.05	48.835866	-86.929518	56027.28	56250.9	-0.93	56026.35	56005.24219	56033.80439	56014.05469	505172.2	5409212.4
L5180.0	505172.2	5409212.4	10776.59961	325.89	68.51	48.835866	-86.929518	56029.13	56250.9	-0.93	56028.20	56007.26172	56036.21691	56016.60547	505172.2	5409212.4
L5180.0	505172.2	5409211.0	10776.70020	325.07	67.95	48.835853	-86.929518	56030.98	56250.9	-0.93	56030.04	56009.27734	56039.18250	56019.71484	505172.2	5409211.0
L5180.0	505172.2	5409209.7	10776.79981	326.20	67.95	48.835842	-86.929518	56032.72	56250.9	-0.93	56031.79	56011.20703	56040.86414	56021.55078	505172.2	5409209.7
L5180.0	505172.2	5409208.2	10776.90039	325.91	69.04	48.835828	-86.929518	56034.49	56250.9	-0.93	56033.56	56013.16016	56043.75009	56024.60156	505172.2	5409208.2
L5180.0	505172.2	5409207.5	10777.00000	326.68	69.62	48.835821	-86.929518	56036.19	56250.9	-0.93	56035.26	56015.05078	56045.75863	56026.78125	505172.2	5409207.5
L5180.0	505172.2	5409205.9	10777.09961	327.14	69.62	48.835807	-86.929518	56037.86	56250.9	-0.93	56036.93	56016.91406	56047.78824	56028.99219	505172.2	5409205.9
L5180.0	505172.1	5409204.5	10777.20020	325.14	64.94	48.835795	-86.929518	56039.55	56250.9	-0.93	56038.62	56018.80078	56050.99171	56032.38281	505172.1	5409204.5
L5180.0	505172.1	5409203.6	10777.29981	325.30	59.81	48.835787	-86.929518	56041.13	56250.9	-0.93	56040.20	56020.57813	56052.31072	56033.89844	505172.1	5409203.6
L5180.0	505172.1	5409202.2	10777.40039	325.13	59.81	48.835774	-86.929519	56042.71	56250.9	-0.93	56041.78	56022.36328	56054.30246	56036.09375	505172.1	5409202.2
L5180.0	505172.1	5409202.2	10777.50000	325.82	64.19	48.835774	-86.929519	56044.25	56250.9	-0.93	56043.32	56024.11328	56056.01566	56038.01953	505172.1	5409202.2
L5180.0	505172.1	5409200.6	10777.59961	325.12	68.01	48.835759	-86.929519	56045.80	56250.9	-0.93	56044.87	56025.87109	56058.60867	56040.82813	505172.1	5409200.6
L5180.0	505172.1	5409199.0	10777.70020	322.07	68.01	48.835745	-86.929519	56047.24	56250.9	-0.93	56046.31	56027.52734	56059.26301	56041.70703	505172.1	5409199.0
L5180.0	505172.1	5409197.4	10777.79981	323.55	71.01	48.835731	-86.929519	56048.73	56250.9	-0.93	56047.80	56029.23438	56061.70559	56044.37891	505172.1	5409197.4

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5180.0	505172.0	5409196.2	10777.90039	323.79	70.34	48.835720	-86.929520	56050.10	56250.9	-0.93	56049.17	56030.82813	56061.97985	56044.89063	505172.0	5409196.2
L5180.0	505172.0	5409196.2	10778.00000	323.28	70.34	48.835720	-86.929520	56051.52	56250.9	-0.93	56050.59	56032.46875	56064.01705	56047.17188	505172.0	5409196.2
L5180.0	505172.0	5409194.6	10778.00000	323.28	68.58	48.835705	-86.929520	56052.84	56250.9	-0.93	56051.91	56034.01563	56064.35857	56047.76172	505172.0	5409194.6
L5180.0	505172.0	5409193.3	10778.20020	320.86	71.23	48.835694	-86.929521	56054.20	56250.9	-0.93	56053.27	56035.60547	56066.20202	56049.85547	505172.0	5409193.3
L5180.0	505172.0	5409192.0	10778.29981	322.39	71.23	48.835682	-86.929521	56055.46	56250.9	-0.93	56054.52	56037.08984	56066.13257	56050.04688	505172.0	5409192.0
L5180.0	505171.9	5409190.6	10778.40039	319.57	71.72	48.835669	-86.929521	56056.78	56250.9	-0.93	56055.84	56038.64453	56068.21251	56052.38672	505171.9	5409190.6
L5180.0	505171.9	5409189.0	10778.50000	321.79	71.08	48.835655	-86.929521	56058.02	56250.9	-0.93	56057.08	56040.12109	56069.05183	56053.49609	505171.9	5409189.0
L5180.0	505171.9	5409187.9	10778.59961	323.46	71.08	48.835645	-86.929522	56059.23	56250.9	-0.94	56058.29	56041.57031	56069.77288	56054.48828	505171.9	5409187.9
L5180.0	505171.9	5409186.5	10778.70020	321.29	72.3	48.835632	-86.929522	56060.42	56250.9	-0.94	56059.48	56043.00000	56070.59205	56055.58203	505171.9	5409186.5
L5180.0	505171.9	5409186.5	10778.79981	321.16	72.3	48.835632	-86.929522	56061.56	56250.9	-0.94	56060.62	56044.38281	56070.83292	56056.10156	505171.9	5409186.5
L5180.0	505171.9	5409185.5	10778.90039	321.38	74.18	48.835624	-86.929522	56062.70	56250.9	-0.94	56061.76	56045.76563	56071.59625	56057.14453	505171.9	5409185.5
L5180.0	505171.9	5409184.1	10779.00000	322.09	76.69	48.835611	-86.929522	56063.78	56250.9	-0.94	56062.84	56047.09375	56071.54374	56057.37891	505171.9	5409184.1
L5180.0	505171.9	5409182.4	10779.09961	322.95	74.12	48.835596	-86.929522	56064.88	56250.9	-0.94	56063.94	56048.44141	56072.43860	56058.56250	505171.9	5409182.4
L5180.0	505171.9	5409182.4	10779.20020	322.86	74.12	48.835596	-86.929522	56065.93	56250.9	-0.95	56064.99	56049.73828	56072.72359	56059.13672	505171.9	5409182.4
L5180.0	505171.8	5409180.6	10779.29981	323.38	77.25	48.835580	-86.929522	56067.07	56250.9	-0.95	56066.12	56051.11719	56075.27166	56061.97656	505171.8	5409180.6
L5180.0	505171.8	5409179.3	10779.40039	323.69	77.25	48.835568	-86.929523	56068.06	56251	-0.95	56067.11	56052.35938	56075.20141	56062.20313	505171.8	5409179.3
L5180.0	505171.8	5409177.3	10779.50000	323.01	75.44	48.835550	-86.929523	56069.13	56251	-0.96	56068.17	56053.67188	56077.16478	56064.46094	505171.8	5409177.3
L5180.0	505171.8	5409176.1	10779.59961	323.21	75.44	48.835539	-86.929523	56070.08	56251	-0.96	56069.12	56054.87500	56077.15493	56064.75000	505171.8	5409176.1
L5180.0	505171.8	5409176.1	10779.70020	323.22	77.05	48.835539	-86.929523	56071.04	56251	-0.96	56070.08	56056.08594	56077.83375	56065.73047	505171.8	5409176.1
L5180.0	505171.8	5409174.7	10779.79981	323.30	76.1	48.835527	-86.929524	56071.97	56251	-0.96	56071.01	56057.26953	56078.30322	56066.50000	505171.8	5409174.7
L5180.0	505171.8	5409173.0	10779.90039	321.00	72.33	48.835511	-86.929524	56072.89	56251	-0.97	56071.93	56058.44531	56079.00518	56067.50000	505171.8	5409173.0
L5180.0	505171.8	5409173.0	10780.00000	320.33	72.33	48.835511	-86.929524	56073.80	56251	-0.97	56072.83	56059.59766	56079.70924	56068.50781	505171.8	5409173.0
L5180.0	505171.7	5409171.2	10780.00000	320.33	71.39	48.835495	-86.929524	56074.71	56251	-0.97	56073.74	56060.76172	56081.09176	56070.19141	505171.7	5409171.2
L5180.0	505171.7	5409169.8	10780.20020	321.39	71.39	48.835482	-86.929525	56075.57	56251	-0.97	56074.61	56061.88672	56082.01266	56071.41406	505171.7	5409169.8
L5180.0	505171.7	5409168.3	10780.29981	323.40	71.39	48.835469	-86.929525	56076.43	56251	-0.97	56075.46	56062.99219	56082.91846	56072.62109	505171.7	5409168.3
L5180.0	505171.6	5409167.1	10780.40039	322.51	81.54	48.835458	-86.929526	56077.32	56251	-0.97	56076.35	56064.13281	56085.19047	56075.19531	505171.6	5409167.1
L5180.0	505171.6	5409165.9	10780.50000	323.28	79.21	48.835447	-86.929526	56078.11	56251	-0.96	56077.14	56065.17969	56085.58761	56075.89453	505171.6	5409165.9
L5180.0	505171.6	5409165.9	10780.59961	322.46	79.98	48.835447	-86.929526	56078.93	56251	-0.96	56077.97	56066.26172	56087.34726	56077.95313	505171.6	5409165.9
L5180.0	505171.5	5409164.2	10780.70020	322.96	79.98	48.835432	-86.929527	56079.72	56251	-0.96	56078.76	56067.30469	56088.60368	56079.51172	505171.5	5409164.2
L5180.0	505171.5	5409162.8	10780.79981	323.75	79.97	48.835419	-86.929527	56080.48	56251	-0.96	56079.51	56068.30469	56089.34130	56080.54688	505171.5	5409162.8
L5180.0	505171.5	5409162.8	10780.90039	326.13	71.61	48.835419	-86.929527	56081.18	56251	-0.96	56080.22	56069.26563	56089.54493	56081.04688	505171.5	5409162.8
L5180.0	505171.5	5409160.9	10781.00000	326.60	65.29	48.835402	-86.929528	56081.90	56251	-0.96	56080.94	56070.23438	56090.39380	56082.19141	505171.5	5409160.9
L5180.0	505171.4	5409159.4	10781.09961	322.41	65.75	48.835389	-86.929529	56082.61	56251	-0.96	56081.64	56071.18359	56091.17025	56083.26172	505171.4	5409159.4
L5180.0	505171.4	5409158.0	10781.20020	323.84	65.75	48.835376	-86.929529	56083.29	56251	-0.96	56082.32	56072.11328	56091.86584	56084.25000	505171.4	5409158.0
L5180.0	505171.4	5409157.0	10781.29981	326.89	65.02	48.835368	-86.929529	56083.91	56251	-0.96	56082.95	56072.98828	56091.74662	56084.41797	505171.4	5409157.0
L5180.0	505171.4	5409155.6	10781.40039	326.82	66.21	48.835355	-86.929530	56084.61	56251	-0.96	56083.64	56073.92578	56093.46291	56086.42188	505171.4	5409155.6
L5180.0	505171.4	5409154.8	10781.50000	327.50	66.21	48.835347	-86.929530	56085.23	56251	-0.96	56084.27	56074.79688	56094.10823	56087.35547	505171.4	5409154.8
L5180.0	505171.3	5409153.7	10781.59961	326.71	76.38	48.835337	-86.929530	56085.79	56251	-0.97	56084.82	56075.58984	56093.18527	56086.71484	505171.3	5409153.7
L5180.0	505171.3	5409152.3	10781.70020	326.99	76.38	48.835325	-86.929530	56086.35	56251	-0.97	56085.38	56076.39063	56092.87262	56086.67969	505171.3	5409152.3
L5180.0	505171.3	5409150.8	10781.79981	327.12	75.96	48.835311	-86.929530	56086.92	56251	-0.97	56085.95	56077.19922	56093.16628	56087.25391	505171.3	5409150.8
L5180.0	505171.3	5409149.3	10781.90039	325.85	77.58	48.835298	-86.929530	56087.48	56251	-0.97	56086.51	56077.99609	56093.57464	56087.93750	505171.3	5409149.3
L5180.0	505171.4	5409148.4	10782.00000	327.35	78.87	48.835290	-86.929530	56088.09	56251	-0.97	56087.12	56078.84375	56095.54580	56090.17969	505171.4	5409148.4
L5180.0	505171.4	5409148.4	10782.00000	327.35	78.87	48.835290	-86.929530	56088.57	56251	-0.97	56087.60	56079.55469	56094.71035	56089.61328	505171.4	5409148.4
L5180.0	505171.4	5409146.9	10782.20020	321.48	77.19	48.835277	-86.929530	56089.11	56251	-0.97	56088.14	56080.32813	56095.66668	56090.83203	505171.4	5409146.9
L5180.0	505171.4	5409145.3	10782.29981	321.21	78.32	48.835262	-86.929529	56089.63	56251	-0.96	56088.67	56081.08594	56096.71144	56092.14063	505171.4	5409145.3
L5180.0	505171.4	5409144.4	10782.40039	320.12	78.28	48.835254	-86.929529	56090.07	56251	-0.96	56089.10	56081.74609	56095.67162	56091.35938	505171.4	5409144.4
L5180.0	505171.4	5409142.9	10782.50000	321.25	78.28	48.835241	-86.929529	56090.57	56251	-0.96	56089.61	56082.48047	56096.87881	56092.82031	505171.4	5409142.9
L5180.0	505171.4	5409141.3	10782.59961	320.57	79.62	48.835226	-86.929529	56091.02	56251	-0.96	56090.07	56083.16406	56097.19679	56093.39063	505171.4	5409141.3
L5180.0	505171.4	5409141.3	10782.70020	322.88	81.19	48.835226	-86.929529	56091.51	56251	-0.96	56090.55	56083.86328	56098.30257	56094.74609	505171.4	5409141.3
L5180.0	505171.4	5409140.1	10782.79981	323.77	81.87	48.835215	-86.929528	56091.89	56251	-0.95	56090.93	56084.46094	56097.31111	56093.99609	505171.4	5409140.1
L5180.0	505171.5	5409138.6	10782.90039	325.24	81.87	48.835202	-86.929528	56092.37	56251	-0.95	56091.42	56085.16797	56099.25426	56096.17969	505171.5	5409138.6
L5180.0	505171.5	5409137.5	10783.00000	326.05	80.1	48.835192	-86.929528	56092.72	56250.9	-0.95	56091.77	56085.73047	56098.12648	56095.28906	505171.5	5409137.5
L5180.0	505171.5	5409136.1	10783.09961	324.92	80.43	48.835179	-86.929528	56093.13	56251	-0.95	56092.18	56086.35156	56098.72120	56096.11719	505171.5	5409136.1
L5180.0	505171.5	5409134.8	10783.20020	324.54	80.43	48.835168	-86.929528	56093.48	56251	-0.95	56092.52	56086.89844	56097.90705	56095.53125	505171.5	5409134.8
L5180.0	505171.5	5409133.8	10783.29981	323.19	77.99	48.835159	-86.929528	56093.88	56251	-0.96	56092.93	56087.51172	56099.04862	56096.89844	505171.5	5409133.8
L5180.0	505171.5	5409132.4	10783.40039	323.20	77.67	48.835146	-86.929528	56094.21	56251	-0.96	56093.26	56088.04688	56098.52247	56096.59375	505171.5	5409132.4
L5180.0	505171.5	5409131.3	10783.50000	325.60	77.67	48.835136	-86.929528	56094.59	56251	-0.96	56093.63	56088.61719	56099.22053	56097.50781	505171.5	5409131.3
L5180.0	505171.5	5409129.8	10783.59961	325.10	82.19	48.835122	-86.929527	56095.00	56251	-0.96	56094.03	56089.21484	56100.90115	56099.39844	505171.5	5409129.8
L5180.0	505171.5	5409128.6	10783.70020	327.89	82.19	48.835112	-86.929527	56095.28	56251	-0.96	56094.31	56089.68750	56099.91256	56098.61719	505171.5	5409128.6
L5180.0	505171.5	5409128.6	10783.79981	328.34	80.98	48.835112	-86.929527	56095.63	56251	-0.97	56094.66	56090.23047	56100.86615	56099.77734	505171.5	5409128.6
L5180.0	505171.6	5409127.3	10783.90039	327.95	82.95	48.835100	-86.929527	56095.94	56251	-0.97	56094.97	56090.72656	56101.07954	56100.18750	505171.6	5409127.3
L5180.0	505171.6	5409125.9	10784.00000	326.69	82.95	48.835088	-86.929527	56096.23	56251	-0.97	56095.26	56091.20313	56101.03269	56100.33594	505171.6	5409125.9
L5180.0	505171.6	5409124.7	10784.00000	326.69	82.58	48.835076	-86.929527	56096.44	56251	-0.97	56095.47	56091.59766	56099.25521	56098.75000	505171.6	5409124.7
L5180.0	505171.6	5409123.3	10784.20020	326.17	82.39	48.835064	-86.929526	56096.72	56251	-0.98	56095.74	56092.04688	56099.16118	56098.84375	505171.6	5409123.3
L5180.0	505171.7	5409122.1	10784.29981	327.27	82.39	48.835053	-86.929526	56096.94	56251	-0.98	56095.96	56092.44531	56098.06188	56097.92578	505171.7	5409122.1
L5180.0	505171.7	5409120.6	10784.40039	325.74	82.39	48.835040	-86.929525	56097.22	56251	-0.98	56096.24	56092.89844	56098.63362	56098.67578	505171.7	5409120.6
L5180.0	505171.7	5409119.2	10784.50000	326.81	85.31	48.835027	-86.929525	56097.43	56251	-0.99	56096.44	56093.26953	56097.46586	56097.68359	505171.7	5409119.2
L5180.0	505171.7	5409119.2	10784.59961	325.86	86.09	48.835027	-86.929525	56097.66	56251	-0.99	56096.67	56093.66797	56097.22873	56097.61328	505171.7	5409119.2
L5180.0	505171.8	5409116.9	10784.70020	325.30	86.09	48.835007	-86.929524	56097.86	56251	-0.99	56096.87	56094.03516	56096.46474	56097.01563	505171.8	5409116.9
L5180.0	505171.8	5409116.9	10784.79981	324.93	83.32	48.835007	-86.929524	56098.11	56251	-0.99	56097.12	56094.44922	56097.09283	56097.80469	505171.8	5409116.9
L5180.0	505171.8	5409115.3	10784.90039	325.19	83.32	48.834992	-86.929524	56098.28	56251	-1.00	56097.28	56094.76953	56095.75169	56096.62109	505171.8	5409115.3
L5180.0	505171.8	5409113.9	10785.00000	323.87	85.4	48.834979	-86.929524	56098.52	56251	-1.00	56097.52	56095.16406	56096.49780	56097.51953	505171.8	5409113.9
L5180.0	505171.8	5409112.6	10785.09961	323.93	87.48	48.834968	-86.929523	56098.66	56251	-1.00	56097.66	56095.45703	56095.04643	56096.21484	505171.8	5409112.6
L5180.0	505171.8	5409112.6	10785.20020	323.40	89.75	48.834968	-86.929523	56098.91	56251	-1.01	56097.91	56095.85938	56096.35831	56097.67188	505171.8	5409112.6
L5180.0	505171.9	5409110.8	10785.29981	323.62	88.54	48.834951	-86.929523	56099.07	56251	-1.01	56098.07	56096.16797	56095.71149	56097.16406	505171.9	5409110.8
L5180.0	505171.9	5409109.3	10785.40039	324.04	88.54	48.834938	-86.929523	56099.32	56251	-1.01	56098.31	56096.55469	56097.08773	56098.67969	505171.9	5409109.3
L5180.0	505171.9	5409108.1	10785.50000	324.14	90.05	48.834927	-86.929523	56099.50	56251	-1.01	56098.48	56096.86719	56096.97558	56098.69922	505171.9	5409108.1
L5180.0	505171.9	5409106.8	10785.59961	322.33	87.84	48.834916	-86.929523	56099.68	56251	-1.02	56098.66	56097.18359	56097.23836	56099.08984	505171.9	5409106.8
L5180.0	505171.9	5409105.2	10785.70020	322.32	87.84	48.834901	-86.929523	56099.81	56251	-1.02	56098.79	56097.45313	56096.47854	56098.45313	505171.9	5409105.2
L5180.0	505171.9	5409105.2	10785.79981	322.91	90.35	48.834901	-86.929523	56100.03	56251	-1.02	56099.01	56097.80469	56097.93810	56100.03125	505171.9	5409105.2
L5180.0	505171.9	5409103.9	10785.90039	324.82	88.38	48.834890	-86.929523	56100.15	56251	-1.03	56099.13	56098.05859	56097.20688	56099.41797	505171.9	5409103.9
L5180.0	505171.9	5409102.3	10786.00000	323.78	88.38	48.834875	-86.929523	56100.31	56251	-1.03	56099.28	56098.33594	56097.29526	56099.61719	505171.9	5409102.3
L5180.0	505171.9	5409100.8	10786.00000	323.78	90.81	48.834862	-86.929523	56100.46	56251	-1.03	56099.43	56098.60938	56097.50442	56099.93359	505171.9	5409100.8
L5180.0	505171.9	5409099.4	10786.20020	324.87	93.32	48.834849	-86.929523	56100.59	56251	-1.03	56099.56	56098.86328	56097.36359	56099.89844	505171.9	5409099.4
L5180.0	505171.9	5409098.4	10786.29981	323.53	92.56	48.834840	-86.929523	56100.79	56251	-1.03	56099.77	56099.19531	56099.21570	56101.85156	505171.9	5409098.4
L5180.0	505171.8	5409096.9	10786.40039	323.77	92.56	48.834827	-86.929524	56100.89	56251	-1.03	56099.86	56099.40234	56098.36151	56101.09375	505171.8	5409096.9
L5180.0	505171.8	5409096.9	10786.50000	323.48	83.31	48.834827	-86.929524	56101.07	56251	-1.02	56100.05	56099.70703	56099.97781	56102.80469	505171.8	5409096.9
L5180.0	505171.8	5409095.3	10786.59961	322.78	84.71	48.834812	-86.929524	56101.13	56251	-1.02	56100.10	56099.86719	56098.38079	56101.29688	505171.8	5409095.3
L5180.0	505171.8	5409093.6	10786.70020	323.75	85.96	48.834796	-86.929524	56101.27	56251	-1.02	56100.24	56100.11719	56099.02283	56102.02734	505171.8	5409093.6
L5180.0	505171.8	5409092.3	10786.79981	324.89	85.96	48.834785	-86.929524	56101.32	56251	-1.02	56100.30	56100.28516	56097.85131	56100.94141	505171.8	5409092.3
L5180.0	505171.8	5409091.1	10786.90039	327.80	92.29	48.834775	-86.929524	56101.49	56251	-1.02	56100.47	56100.55859	56099.41297	56102.58203	505171.8	5409091.1
L5180.0	505171.8	5409090.1	10787.00000	326.68	94.09	48.834766	-86.929524	56101.56	56251	-1.02	56100.54	56100.73047	56098.66737	56101.91406	505171.8	5409090.1
L5180.0	505171.8	5409088.7	10787.09961	328.60	94.09	48.834753	-86.929524	56101.68	56251	-1.02	56100.66	56100.94922	56099.21603	56102.53516	505171.8	5409088.7

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5180.0	505171.8	5409088.7	10787.20020	327.60	96.99	48.834753	-86.929524	56101.73	56251	-1.02	56100.71	56101.09766	56098.16447	56101.55469	505171.8	5409088.7
L5180.0	505171.8	5409086.0	10787.29981	326.96	96.99	48.834728	-86.929524	56101.85	56251	-1.02	56100.83	56101.31250	56098.88783	56102.34375	505171.8	5409086.0
L5180.0	505171.8	5409086.0	10787.40039	326.58	97.76	48.834728	-86.929524	56101.93	56251	-1.02	56100.91	56101.48438	56098.72903	56102.25000	505171.8	5409086.0
L5180.0	505171.8	5409084.5	10787.50000	324.70	98.2	48.834715	-86.929524	56101.93	56251	-1.02	56100.91	56101.57422	56096.72480	56100.30859	505171.8	5409084.5
L5180.0	505171.8	5409083.1	10787.59961	326.18	98.2	48.834702	-86.929524	56102.00	56251	-1.02	56100.98	56101.73438	56096.48956	56100.13281	505171.8	5409083.1
L5180.0	505171.8	5409083.1	10787.70020	324.37	98.41	48.834702	-86.929524	56102.03	56251	-1.02	56101.01	56101.84766	56095.37487	56099.07422	505171.8	5409083.1
L5180.0	505171.8	5409081.6	10787.79981	325.15	97.69	48.834689	-86.929524	56102.11	56251	-1.02	56101.09	56102.01172	56095.53692	56099.28906	505171.8	5409081.6
L5180.0	505171.8	5409079.3	10787.90039	324.95	97.69	48.834668	-86.929524	56102.16	56251	-1.02	56101.14	56102.14453	56095.05840	56098.85938	505171.8	5409079.3
L5180.0	505171.8	5409079.3	10788.00000	325.44	90.59	48.834668	-86.929524	56102.25	56251	-1.02	56101.23	56102.31250	56095.60197	56099.44922	505171.8	5409079.3
L5180.0	505171.8	5409077.8	10788.00000	325.44	96.2	48.834655	-86.929524	56102.31	56251	-1.02	56101.29	56102.45313	56095.50394	56099.39844	505171.8	5409077.8
L5180.0	505171.8	5409076.4	10788.20020	322.79	100.07	48.834642	-86.929524	56102.41	56251	-1.02	56101.38	56102.61719	56096.17522	56100.11328	505171.8	5409076.4
L5180.0	505171.8	5409075.0	10788.29981	321.71	100	48.834630	-86.929524	56102.46	56251	-1.03	56101.43	56102.73828	56095.97361	56099.95313	505171.8	5409075.0
L5180.0	505171.8	5409075.0	10788.40039	321.69	100	48.834630	-86.929524	56102.59	56251	-1.03	56101.57	56102.95313	56097.90915	56101.92578	505171.8	5409075.0
L5180.0	505171.8	5409072.2	10788.50000	323.53	100	48.834604	-86.929524	56102.61	56251	-1.03	56101.58	56103.03125	56096.90136	56100.95313	505171.8	5409072.2
L5180.0	505171.8	5409072.2	10788.59961	322.88	101.09	48.834604	-86.929524	56102.66	56251	-1.03	56101.63	56103.14844	56096.87114	56100.95703	505171.8	5409072.2
L5180.0	505171.8	5409070.8	10788.70020	322.92	99.8	48.834592	-86.929524	56102.71	56251	-1.03	56101.68	56103.26563	56096.89333	56101.01172	505171.8	5409070.8
L5180.0	505171.8	5409069.4	10788.79981	322.89	99.8	48.834579	-86.929525	56102.74	56251	-1.04	56101.70	56103.35156	56096.29056	56100.43750	505171.8	5409069.4
L5180.0	505171.8	5409068.4	10788.90039	324.07	101.3	48.834570	-86.929525	56102.79	56251	-1.04	56101.75	56103.46484	56096.41271	56100.58984	505171.8	5409068.4
L5180.0	505171.7	5409067.3	10789.00000	324.21	101.3	48.834560	-86.929525	56102.84	56251	-1.04	56101.80	56103.57422	56096.57960	56100.78125	505171.7	5409067.3
L5180.0	505171.7	5409065.8	10789.09961	324.41	101.37	48.834547	-86.929526	56102.89	56251	-1.04	56101.85	56103.68359	56096.78996	56101.01563	505171.7	5409065.8
L5180.0	505171.7	5409064.4	10789.20020	324.09	99.6	48.834534	-86.929526	56102.94	56251	-1.04	56101.90	56103.79297	56097.04349	56101.29297	505171.7	5409064.4
L5180.0	505171.7	5409064.4	10789.29981	322.78	99.45	48.834534	-86.929526	56103.02	56251	-1.04	56101.98	56103.92969	56098.01016	56102.28125	505171.7	5409064.4
L5180.0	505171.6	5409062.8	10789.40039	321.31	99.45	48.834520	-86.929527	56102.99	56251	-1.04	56101.95	56103.95313	56096.56499	56100.85547	505171.6	5409062.8
L5180.0	505171.6	5409061.8	10789.50000	321.11	100.29	48.834511	-86.929527	56103.09	56251	-1.04	56102.05	56104.10938	56098.06970	56102.37500	505171.6	5409061.8
L5180.0	505171.6	5409060.7	10789.59961	320.34	100.29	48.834501	-86.929527	56103.12	56251	-1.04	56102.08	56104.19141	56098.05508	56102.37891	505171.6	5409060.7
L5180.0	505171.6	5409059.2	10789.70020	320.30	103.07	48.834488	-86.929528	56103.14	56251	-1.04	56102.10	56104.26172	56097.86169	56102.19922	505171.6	5409059.2
L5180.0	505171.5	5409057.6	10789.79981	320.23	102.72	48.834473	-86.929528	56103.12	56251	-1.04	56102.08	56104.29297	56096.81024	56101.16016	505171.5	5409057.6
L5180.0	505171.5	5409056.3	10789.90039	323.52	103.55	48.834462	-86.929529	56103.16	56251	-1.04	56102.12	56104.38281	56097.16336	56101.52734	505171.5	5409056.3
L5180.0	505171.5	5409055.7	10790.00000	323.88	103.55	48.834456	-86.929529	56103.14	56251	-1.04	56102.10	56104.41016	56096.20616	56100.58203	505171.5	5409055.7
L5180.0	505171.5	5409054.2	10790.00000	323.88	103.8	48.834443	-86.929529	56103.20	56251	-1.04	56102.15	56104.50781	56096.89100	56101.27734	505171.5	5409054.2
L5180.0	505171.4	5409052.8	10790.09961	323.50	97.29	48.834430	-86.929530	56103.20	56251	-1.04	56102.15	56104.55078	56096.49522	56100.89063	505171.4	5409052.8
L5180.0	505171.4	5409051.8	10790.20020	326.06	97.29	48.834421	-86.929530	56103.24	56251	-1.04	56102.20	56104.64844	56097.28745	56101.69141	505171.4	5409051.8
L5180.0	505171.4	5409051.8	10790.20020	326.06	102.61	48.834421	-86.929530	56103.22	56251	-1.04	56102.18	56104.67188	56096.55553	56100.96484	505171.4	5409051.8
L5180.0	505171.4	5409049.4	10790.50000	325.05	102.61	48.834399	-86.929531	56103.27	56251	-1.04	56102.23	56104.76172	56097.45110	56101.86719	505171.4	5409049.4
L5180.0	505171.4	5409048.0	10790.59961	326.59	102.68	48.834387	-86.929531	56103.24	56251	-1.04	56102.20	56104.77344	56096.62268	56101.04297	505171.4	5409048.0
L5180.0	505171.3	5409046.6	10790.70020	325.17	102.93	48.834374	-86.929531	56103.29	56251	-1.04	56102.25	56104.86719	56097.60479	56102.03125	505171.3	5409046.6
L5180.0	505171.3	5409046.6	10790.79981	325.66	102.9	48.834374	-86.929531	56103.26	56251	-1.04	56102.22	56104.87500	56096.89922	56101.32813	505171.3	5409046.6
L5180.0	505171.3	5409045.2	10790.90039	325.81	102.9	48.834362	-86.929531	56103.24	56251	-1.04	56102.20	56104.89453	56096.47482	56100.91016	505171.3	5409045.2
L5180.0	505171.3	5409043.8	10791.00000	323.08	102.9	48.834349	-86.929531	56103.22	56251	-1.04	56102.18	56104.91406	56096.11099	56100.55078	505171.3	5409043.8
L5180.0	505171.3	5409042.6	10791.09961	323.17	102.91	48.834338	-86.929531	56103.24	56251	-1.04	56102.20	56104.97266	56096.60872	56101.05078	505171.3	5409042.6
L5180.0	505171.3	5409041.4	10791.20020	322.95	102.91	48.834327	-86.929531	56103.22	56251	-1.04	56102.17	56104.98047	56096.13719	56100.58203	505171.3	5409041.4
L5180.0	505171.3	5409040.2	10791.29981	320.38	102.91	48.834317	-86.929531	56103.20	56251	-1.05	56102.15	56105.00000	56095.90933	56100.35547	505171.3	5409040.2
L5180.0	505171.4	5409039.0	10791.40039	318.80	102.91	48.834305	-86.929531	56103.17	56251	-1.05	56102.12	56105.00391	56095.52665	56099.97266	505171.4	5409039.0
L5180.0	505171.4	5409037.8	10791.50000	317.15	102.91	48.834295	-86.929531	56103.20	56251.1	-1.05	56102.14	56105.06250	56096.10432	56100.55469	505171.4	5409037.8
L5180.0	505171.4	5409036.2	10791.59961	315.25	102.91	48.834280	-86.929531	56103.20	56251.1	-1.05	56102.14	56105.09766	56096.30829	56100.75781	505171.4	5409036.2
L5180.0	505171.4	5409035.2	10791.70020	313.74	102.91	48.834272	-86.929531	56103.14	56251.1	-1.05	56102.08	56105.07422	56095.42954	56099.88281	505171.4	5409035.2
L5180.0	505171.4	5409035.2	10791.79981	311.79	102.91	48.834272	-86.929531	56103.12	56251.1	-1.06	56102.07	56105.09766	56095.45820	56099.91016	505171.4	5409035.2
L5180.0	505171.4	5409033.8	10791.90039	309.65	102.91	48.834259	-86.929531	56103.12	56251.1	-1.06	56102.06	56105.12109	56095.47545	56099.92969	505171.4	5409033.8
L5180.0	505171.4	5409032.6	10792.00000	310.95	102.91	48.834248	-86.929531	56103.14	56251.1	-1.06	56102.08	56105.17578	56096.01231	56100.46875	505171.4	5409032.6
L5180.0	505171.4	5409031.2	10792.00000	310.95	102.91	48.834235	-86.929531	56103.12	56251.1	-1.06	56102.06	56105.19141	56095.82355	56100.28125	505171.4	5409031.2
L5180.0	505171.4	5409029.7	10792.20020	312.94	102.91	48.834222	-86.929531	56103.14	56251.1	-1.05	56102.09	56105.25391	56096.52675	56100.98828	505171.4	5409029.7
L5180.0	505171.4	5409028.3	10792.29981	312.08	102.91	48.834210	-86.929531	56103.12	56251.1	-1.05	56102.07	56105.26953	56096.32599	56100.78906	505171.4	5409028.3
L5180.0	505171.4	5409027.5	10792.40039	313.83	102.91	48.834202	-86.929531	56103.09	56251	-1.05	56102.05	56105.28516	56096.11824	56100.58203	505171.4	5409027.5
L5180.0	505171.4	5409026.1	10792.50000	317.19	102.91	48.834190	-86.929531	56103.09	56251	-1.04	56102.05	56105.31641	56096.28635	56100.75391	505171.4	5409026.1
L5180.0	505171.4	5409026.1	10792.59961	320.06	102.91	48.834190	-86.929531	56103.07	56251	-1.04	56102.02	56105.32031	56095.88528	56100.35547	505171.4	5409026.1
L5180.0	505171.3	5409024.1	10792.70020	320.83	102.91	48.834172	-86.929531	56103.07	56251	-1.04	56102.03	56105.36328	56096.27888	56100.75391	505171.3	5409024.1
L5180.0	505171.3	5409023.0	10792.79981	321.41	102.91	48.834162	-86.929531	56103.04	56251	-1.04	56102.01	56105.37891	56096.09671	56100.57422	505171.3	5409023.0
L5180.0	505171.3	5409021.6	10792.90039	323.17	102.91	48.834149	-86.929531	56103.04	56251	-1.03	56102.01	56105.41016	56096.34811	56100.83203	505171.3	5409021.6
L5180.0	505171.3	5409020.4	10793.00000	324.96	102.91	48.834138	-86.929532	56102.94	56251	-1.03	56101.91	56105.34375	56094.49211	56098.98047	505171.3	5409020.4
L5180.0	505171.3	5409019.2	10793.09961	326.18	116.45	48.834127	-86.929531	56102.96	56251	-1.03	56101.93	56105.39844	56095.21415	56099.70703	505171.3	5409019.2
L5180.0	505171.3	5409019.2	10793.20020	327.99	130	48.834127	-86.929531	56102.92	56251	-1.03	56101.89	56105.39063	56094.65783	56099.16016	505171.3	5409019.2
L5180.0	505171.3	5409017.8	10793.29981	329.14	130	48.834115	-86.929531	56102.96	56251	-1.04	56101.92	56105.45703	56095.70975	56100.21875	505171.3	5409017.8
L5180.0	505171.4	5409016.1	10793.40039	329.68	130	48.834100	-86.929531	56102.80	56251	-1.04	56101.76	56105.32813	56092.43495	56096.94922	505171.4	5409016.1
L5180.0	505171.4	5409015.1	10793.50000	329.34	130	48.834091	-86.929531	56102.86	56251	-1.04	56101.82	56105.42578	56094.26628	56098.78906	505171.4	5409015.1
L5180.0	505171.4	5409013.5	10793.59961	327.14	130	48.834076	-86.929531	56102.75	56251	-1.04	56101.71	56105.34766	56092.14513	56096.67969	505171.4	5409013.5
L5180.0	505171.4	5409013.5	10793.70020	325.72	130	48.834076	-86.929531	56102.77	56251	-1.04	56101.73	56105.40234	56093.12772	56097.67188	505171.4	5409013.5
L5180.0	505171.4	5409011.8	10793.79981	324.98	130	48.834061	-86.929530	56102.76	56251	-1.05	56101.72	56105.42969	56093.43318	56097.98828	505171.4	5409011.8
L5180.0	505171.4	5409010.4	10793.90039	323.83	130	48.834048	-86.929530	56102.69	56251	-1.05	56101.64	56105.38281	56092.06601	56096.63281	505171.4	5409010.4
L5180.0	505171.5	5409008.7	10794.00000	324.18	130	48.834033	-86.929530	56102.69	56251.1	-1.05	56101.64	56105.41797	56092.66383	56097.24219	505171.5	5409008.7
L5180.0	505171.5	5409007.7	10794.00000	324.18	130	48.834024	-86.929530	56102.66	56251.1	-1.05	56101.61	56105.42578	56092.55173	56097.14453	505171.5	5409007.7
L5180.0	505171.5	5409006.8	10794.20020	323.17	130	48.834016	-86.929530	56102.64	56251	-1.05	56101.59	56105.44141	56092.70750	56097.31641	505171.5	5409006.8
L5180.0	505171.5	5409005.3	10794.29981	322.62	130	48.834003	-86.929530	56102.61	56251	-1.05	56101.57	56105.45703	56092.88576	56097.50781	505171.5	5409005.3
L5180.0	505171.5	5409004.0	10794.40039	323.14	130	48.833991	-86.929530	56102.64	56251	-1.05	56101.60	56105.52344	56094.34287	56098.98047	505171.5	5409004.0
L5180.0	505171.5	5409004.0	10794.50000	322.79	130	48.833991	-86.929530	56102.54	56251	-1.04	56101.49	56105.44922	56092.30284	56096.96094	505171.5	5409004.0
L5180.0	505171.4	5409002.6	10794.59961	322.12	130	48.833978	-86.929530	56102.51	56251	-1.04	56101.46	56105.45703	56092.29567	56096.97266	505171.4	5409002.6
L5180.0	505171.4	5409001.1	10794.70020	324.39	130	48.833965	-86.929530	56102.48	56251	-1.04	56101.44	56105.47656	56092.56887	56097.26563	505171.4	5409001.1
L5180.0	505171.4	5408999.4	10794.79981	324.67	130	48.833949	-86.929530	56102.46	56251	-1.04	56101.42	56105.49219	56092.87111	56097.58594	505171.4	5408999.4
L5180.0	505171.4	5408999.4	10794.90039	327.69	130	48.833949	-86.929530	56102.41	56251	-1.04	56101.37	56105.48047	56092.43260	56097.17188	505171.4	5408999.4
L5180.0	505171.4	5408998.0	10795.00000	330.27	130	48.833937	-86.929530	56102.41	56251	-1.04	56101.37	56105.51953	56093.31131	56098.07031	505171.4	5408998.0
L5180.0	505171.4	5408996.6	10795.09961	331.95	130	48.833924	-86.929531	56102.31	56251	-1.04	56101.27	56105.46094	56091.65082	56096.43359	505171.4	5408996.6
L5180.0	505171.4	5408995.4	10795.20020	331.63	130	48.833913	-86.929531	56102.33	56251	-1.04	56101.29	56105.51953	56093.12106	56097.92969	505171.4	5408995.4
L5180.0	505171.4	5408994.2	10795.29981	330.54	130	48.833903	-86.929531	56102.24	56251	-1.04	56101.20	56105.47266	56091.79879	56096.63281	505171.4	5408994.2
L5180.0	505171.4	5408992.8	10795.40039	330.87	130	48.833890	-86.929531	56102.23	56251	-1.04	56101.19	56105.50000	56092.57375	56097.43750	505171.4	5408992.8
L5180.0	505171.4	5408991.5	10795.50000	334.04	130	48.833878	-86.929531	56102.16	56251	-1.04	56101.12	56105.47266	56091.85214	56096.74219	505171.4	5408991.5
L5180.0	505171.4	5408990.0	10795.59961	334.87	130	48.833865	-86.929531	56102.16	56251	-1.04	56101.12	56105.51563	56092.93727	56097.85938	505171.4	5408990.0
L5180.0	505171.4	5408988.9	10795.70020	332.13	130	48.833855	-86.929531	56102.09	56251	-1.04	56101.05	56105.48828	56092.27763	56097.23047	505171.4	5408988.9
L5180.0	505171.4	5408988.9	10795.79981	329.01	130	48.833855	-86.929531	56102.11	56251	-1.04	56101.07	56105.55078	56093.88672	56098.87109	505171.4	5408988.9
L5180.0	505171.4	5408987.5	10795.90039	325.65	130	48.833842	-86.929531	56101.98	56251	-1.04	56100.94	56105.46094	56091.77569	56096.79297	505171.4	5408987.5
L5180.0	505171.4	5408985.9	10796.00000	325.94	130	48.833828	-86.929531	56101.96	56251	-1.04	56100.92	56105.48438	56092.40831	56097.46094	505171.4	5408985.9
L5180.0	505171.4	5408984.6	10796.00000	325.94	130	48.833817	-86.929531	56101.90	56251	-1.04	56100.86	56105.46875	56092.06204	56097.14844	505171.4	5408984.6
L5180.0	505171.4	5408983.3	10796.20020	323.03	130	48.833805	-86.929531	56101.85	56251	-1.04	56100.81	56105.46484	56091.97441	56097.09766	505171.4	5408983.3
L5180.0	505171.4	5408981.6	10796.29981	320.86	130	48.833790	-86.929531	56101.81	56251	-1.04	56100.77	56105.46875	56092.14667	56097.30469	505171.4	5408981.6
L5180.0	505171.4	5408980.5	10796.40039	318.68	130	48.833780	-86.929531	56101.75	56251	-1.04	56100.71	56105.45313	56091.84057	56097.03906	505171.4	5408980.5

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5180.0	505171.4	5408980.5	10796.50000	315.68	130	48.833780	-86.929531	56101.68	56251	-1.04	56100.64	56105.42969	56091.30078	56096.53906	505171.4	5408980.5
L5180.0	505171.4	5408978.8	10796.59961	317.38	130	48.833764	-86.929531	56101.68	56251	-1.04	56100.64	56105.47656	56092.51477	56097.79297	505171.4	5408978.8
L5180.0	505171.4	5408977.6	10796.70020	317.65	130	48.833753	-86.929531	56101.57	56251	-1.04	56100.53	56105.41016	56091.00749	56096.32813	505171.4	5408977.6
L5180.0	505171.4	5408976.2	10796.79981	317.90	130	48.833740	-86.929532	56101.53	56251	-1.04	56100.49	56105.41797	56091.26290	56096.62891	505171.4	5408976.2
L5180.0	505171.4	5408974.7	10796.90039	321.44	130	48.833727	-86.929532	56101.49	56251	-1.04	56100.45	56105.42578	56091.54169	56096.94922	505171.4	5408974.7
L5180.0	505171.4	5408974.7	10797.00000	323.18	130	48.833727	-86.929532	56101.40	56251	-1.04	56100.36	56105.38281	56090.57129	56096.02344	505171.4	5408974.7
L5180.0	505171.4	5408973.1	10797.09961	329.23	130	48.833713	-86.929532	56101.37	56251	-1.04	56100.33	56105.40234	56091.15247	56096.65234	505171.4	5408973.1
L5180.0	505171.4	5408971.8	10797.20020	333.04	130	48.833701	-86.929532	56101.30	56251	-1.04	56100.26	56105.37891	56090.73411	56096.28125	505171.4	5408971.8
L5180.0	505171.4	5408970.1	10797.29981	336.35	130	48.833686	-86.929532	56101.29	56251	-1.03	56100.26	56105.42578	56091.89334	56097.48828	505171.4	5408970.1
L5180.0	505171.3	5408968.4	10797.40039	337.74	130	48.833671	-86.929532	56101.15	56251	-1.03	56100.12	56105.33594	56090.35525	56096.00000	505171.3	5408968.4
L5180.0	505171.3	5408968.4	10797.50000	337.23	130	48.833671	-86.929532	56101.10	56251	-1.03	56100.07	56105.33594	56090.58352	56096.27734	505171.3	5408968.4
L5180.0	505171.3	5408966.9	10797.59961	335.94	130	48.833657	-86.929532	56101.04	56251	-1.03	56100.01	56105.32422	56090.64854	56096.39453	505171.3	5408966.9
L5180.0	505171.3	5408965.2	10797.70020	330.96	130	48.833642	-86.929532	56100.99	56251	-1.03	56099.97	56105.33594	56091.14200	56096.93750	505171.3	5408965.2
L5180.0	505171.3	5408963.8	10797.79981	328.88	130	48.833630	-86.929532	56100.92	56251	-1.02	56099.89	56105.30469	56090.88189	56096.73047	505171.3	5408963.8
L5180.0	505171.3	5408963.8	10797.90039	324.51	130	48.833630	-86.929532	56100.84	56251	-1.02	56099.82	56105.28516	56090.85591	56096.75781	505171.3	5408963.8
L5180.0	505171.3	5408962.4	10798.00000	321.01	130	48.833617	-86.929532	56100.76	56251	-1.02	56099.74	56105.25391	56090.67263	56096.62891	505171.3	5408962.4
L5180.0	505171.3	5408961.1	10798.00000	321.01	130	48.833605	-86.929533	56100.77	56251	-1.02	56099.75	56105.31641	56092.30317	56098.31641	505171.3	5408961.1
L5180.0	505171.3	5408959.7	10798.20020	319.28	130	48.833593	-86.929533	56100.66	56251	-1.02	56099.64	56105.25781	56091.61156	56097.67969	505171.3	5408959.7
L5180.0	505171.3	5408958.8	10798.29981	320.58	130	48.833584	-86.929533	56100.59	56251	-1.02	56099.56	56105.22656	56091.54929	56097.67578	505171.3	5408958.8
L5180.0	505171.3	5408956.7	10798.40039	326.04	130	48.833565	-86.929533	56100.53	56251	-1.02	56099.51	56105.23047	56091.24295	56097.42578	505171.3	5408956.7
L5180.0	505171.3	5408956.7	10798.50000	327.58	130	48.833565	-86.929533	56100.44	56251	-1.02	56099.41	56105.17969	56090.65300	56096.89453	505171.3	5408956.7
L5180.0	505171.3	5408955.5	10798.59961	325.66	130	48.833555	-86.929533	56100.34	56251	-1.03	56099.31	56105.13281	56090.12258	56096.42188	505171.3	5408955.5
L5180.0	505171.2	5408953.8	10798.70020	324.57	130	48.833540	-86.929534	56100.28	56251	-1.03	56099.25	56105.12500	56090.62385	56096.98438	505171.2	5408953.8
L5180.0	505171.2	5408952.8	10798.79981	320.83	130	48.833530	-86.929534	56100.23	56251	-1.03	56099.21	56105.13672	56091.61673	56098.03516	505171.2	5408952.8
L5180.0	505171.2	5408952.8	10798.90039	320.46	130	48.833530	-86.929534	56100.11	56251	-1.03	56099.08	56105.05859	56090.45069	56096.92969	505171.2	5408952.8
L5180.0	505171.2	5408951.1	10799.00000	320.67	130	48.833515	-86.929534	56100.08	56251	-1.03	56099.05	56105.07813	56091.67795	56098.21875	505171.2	5408951.1
L5180.0	505171.2	5408949.7	10799.09961	319.97	130	48.833502	-86.929534	56099.95	56251	-1.03	56098.93	56105.01172	56090.78490	56097.38672	505171.2	5408949.7
L5180.0	505171.2	5408948.0	10799.20020	326.62	130	48.833487	-86.929534	56099.90	56251	-1.03	56098.88	56105.01172	56091.54661	56098.21094	505171.2	5408948.0
L5180.0	505171.2	5408946.2	10799.29981	329.58	130	48.833471	-86.929534	56099.81	56251	-1.02	56098.78	56104.96094	56091.16063	56097.89063	505171.2	5408946.2
L5180.0	505171.2	5408946.2	10799.40039	329.15	130	48.833471	-86.929534	56099.68	56251	-1.02	56098.66	56104.89453	56090.34013	56097.13281	505171.2	5408946.2
L5180.0	505171.2	5408944.5	10799.50000	326.86	130	48.833456	-86.929535	56099.60	56251	-1.02	56098.58	56104.86719	56090.48590	56097.33984	505171.2	5408944.5
L5180.0	505171.2	5408944.5	10799.59961	325.68	130	48.833456	-86.929535	56099.50	56251	-1.02	56098.48	56104.81641	56090.21354	56097.13281	505171.2	5408944.5
L5180.0	505171.2	5408942.6	10799.70020	323.13	130	48.833439	-86.929535	56099.40	56251	-1.02	56098.39	56104.77734	56090.22499	56097.20703	505171.2	5408942.6
L5180.0	505171.2	5408941.2	10799.79981	317.77	130	48.833426	-86.929535	56099.32	56251	-1.01	56098.31	56104.75000	56090.52224	56097.57031	505171.2	5408941.2
L5180.0	505171.1	5408939.7	10799.90039	318.45	130	48.833412	-86.929535	56099.27	56251	-1.01	56098.26	56104.75000	56091.55043	56098.66016	505171.1	5408939.7
L5180.0	505171.1	5408938.6	10800.00000	318.37	130	48.833402	-86.929535	56099.13	56251	-1.01	56098.12	56104.66016	56090.58627	56097.76172	505171.1	5408938.6
L5180.0	505171.1	5408936.7	10800.00000	318.37	130	48.833385	-86.929536	56099.09	56251	-1.01	56098.08	56104.66797	56091.91622	56099.15625	505171.1	5408936.7
L5180.0	505171.1	5408936.7	10800.20020	329.39	117.72	48.833385	-86.929536	56098.89	56251	-1.00	56097.89	56104.52734	56089.96085	56097.26563	505171.1	5408936.7
L5180.0	505171.1	5408934.9	10800.29981	331.73	117.72	48.833370	-86.929536	56098.90	56251	-1.00	56097.90	56104.58594	56092.44694	56099.82031	505171.1	5408934.9
L5180.0	505171.1	5408933.8	10800.40039	332.29	105.25	48.833359	-86.929536	56098.71	56251	-0.99	56097.72	56104.45703	56090.82972	56098.26563	505171.1	5408933.8
L5180.0	505171.0	5408932.4	10800.50000	331.50	105.46	48.833347	-86.929537	56098.62	56251	-0.99	56097.63	56104.41406	56091.19884	56098.69922	505171.0	5408932.4
L5180.0	505171.0	5408932.4	10800.59961	329.20	105.46	48.833347	-86.929537	56098.54	56251	-0.99	56097.55	56104.38281	56091.80220	56099.37109	505171.0	5408932.4
L5180.0	505171.0	5408930.7	10800.70020	325.23	105.43	48.833331	-86.929537	56098.39	56251	-0.98	56097.41	56104.28906	56091.16950	56098.80078	505171.0	5408930.7
L5180.0	505171.0	5408929.2	10800.79981	321.55	105.43	48.833318	-86.929537	56098.28	56251	-0.98	56097.30	56104.22656	56091.19685	56098.89453	505171.0	5408929.2
L5180.0	505171.0	5408929.2	10800.90039	317.33	105.42	48.833318	-86.929537	56098.19	56251	-0.97	56097.21	56104.18359	56091.66908	56099.43359	505171.0	5408929.2
L5180.0	505171.0	5408927.3	10801.00000	315.45	105.42	48.833301	-86.929537	56098.06	56251	-0.97	56097.09	56104.10938	56091.55048	56099.37891	505171.0	5408927.3
L5180.0	505171.0	5408925.6	10801.09961	312.55	105.42	48.833285	-86.929538	56097.93	56251	-0.97	56096.95	56104.01563	56091.05169	56098.94531	505171.0	5408925.6
L5180.0	505171.0	5408924.2	10801.20020	310.80	105.42	48.833273	-86.929538	56097.78	56251	-0.98	56096.80	56103.91016	56090.37980	56098.33984	505171.0	5408924.2
L5180.0	505171.0	5408922.8	10801.29981	310.67	105.42	48.833261	-86.929538	56097.68	56251	-0.98	56096.70	56103.85547	56090.78698	56098.80859	505171.0	5408922.8
L5180.0	505171.0	5408922.8	10801.40039	313.20	105.42	48.833261	-86.929538	56097.53	56251	-0.99	56096.54	56103.73828	56089.97593	56098.06250	505171.0	5408922.8
L5180.0	505171.0	5408921.1	10801.50000	314.98	105.42	48.833245	-86.929538	56097.40	56251	-0.99	56096.41	56103.65234	56089.83096	56097.98047	505171.0	5408921.1
L5180.0	505171.0	5408919.9	10801.59961	318.19	105.42	48.833234	-86.929538	56097.25	56251	-0.99	56096.25	56103.53516	56089.08604	56097.30078	505171.0	5408919.9
L5180.0	505171.0	5408918.5	10801.70020	320.51	105.42	48.833221	-86.929538	56097.13	56251	-1.00	56096.13	56103.45703	56089.23415	56097.51172	505171.0	5408918.5
L5180.0	505171.0	5408918.5	10801.79981	325.58	105.42	48.833221	-86.929538	56096.97	56251	-1.00	56095.97	56103.33594	56088.56069	56096.90234	505171.0	5408918.5
L5180.0	505171.0	5408917.0	10801.90039	329.67	105.42	48.833208	-86.929538	56096.82	56251	-1.01	56095.81	56103.21875	56087.91875	56096.32422	505171.0	5408917.0
L5180.0	505171.0	5408915.3	10802.00000	331.30	105.42	48.833193	-86.929538	56096.72	56251	-1.01	56095.71	56103.15625	56088.64736	56097.11328	505171.0	5408915.3
L5180.0	505171.0	5408913.9	10802.00000	331.30	105.42	48.833180	-86.929538	56096.54	56251	-1.01	56095.53	56103.01563	56087.64048	56096.16797	505171.0	5408913.9
L5180.0	505171.0	5408912.5	10802.20020	332.18	105.42	48.833168	-86.929538	56096.39	56251	-1.00	56095.39	56102.91016	56087.58700	56096.17969	505171.0	5408912.5
L5180.0	505171.0	5408911.3	10802.29981	330.10	105.42	48.833157	-86.929538	56096.26	56251	-1.00	56095.26	56102.82031	56087.83744	56096.48828	505171.0	5408911.3
L5180.0	505171.0	5408911.3	10802.40039	326.79	105.42	48.833157	-86.929538	56096.11	56251	-1.00	56095.11	56102.70313	56087.70504	56096.41797	505171.0	5408911.3
L5180.0	505171.0	5408909.9	10802.50000	322.44	105.42	48.833144	-86.929538	56095.91	56251	-1.00	56094.92	56102.55078	56086.71419	56095.48828	505171.0	5408909.9
L5180.0	505171.0	5408908.4	10802.59961	320.46	105.42	48.833131	-86.929538	56095.83	56251	-0.99	56094.84	56102.50391	56088.40687	56097.23828	505171.0	5408908.4
L5180.0	505170.9	5408906.8	10802.70020	321.44	105.42	48.833116	-86.929538	56095.64	56251	-0.99	56094.65	56102.34766	56087.59913	56096.49219	505170.9	5408906.8
L5180.0	505170.9	5408906.8	10802.79981	323.28	105.42	48.833116	-86.929538	56095.45	56251	-0.99	56094.46	56102.18750	56086.89524	56095.84766	505170.9	5408906.8
L5180.0	505170.9	5408904.9	10802.90039	326.58	105.42	48.833099	-86.929538	56095.36	56251	-0.98	56094.37	56102.12891	56088.60676	56097.61719	505170.9	5408904.9
L5180.0	505170.9	5408903.2	10803.00000	328.22	105.42	48.833084	-86.929538	56095.13	56251	-0.98	56094.15	56101.93750	56087.40077	56096.46875	505170.9	5408903.2
L5180.0	505170.9	5408903.2	10803.09961	331.00	130	48.833084	-86.929538	56095.02	56251	-0.98	56094.04	56101.85547	56088.76371	56097.88672	505170.9	5408903.2
L5180.0	505171.0	5408901.5	10803.20020	331.93	130	48.833069	-86.929538	56094.79	56251	-0.98	56093.81	56101.65625	56087.53710	56096.71484	505171.0	5408901.5
L5180.0	505171.0	5408900.3	10803.29981	328.84	130	48.833058	-86.929538	56094.59	56251	-0.98	56093.61	56101.48047	56087.07510	56096.30859	505171.0	5408900.3
L5180.0	505171.0	5408898.9	10803.40039	326.35	130	48.833046	-86.929538	56094.44	56251	-0.98	56093.46	56101.35547	56087.72501	56097.01563	505171.0	5408898.9
L5180.0	505171.0	5408898.9	10803.50000	321.89	130	48.833046	-86.929538	56094.21	56251	-0.98	56093.23	56101.15234	56086.80062	56096.14453	505171.0	5408898.9
L5180.0	505171.0	5408897.5	10803.59961	321.34	130	48.833033	-86.929538	56094.01	56251	-0.98	56093.03	56100.97266	56086.55064	56095.94922	505171.0	5408897.5
L5180.0	505171.0	5408895.8	10803.70020	317.97	130	48.833018	-86.929537	56093.87	56251	-0.98	56092.89	56100.85547	56087.47463	56096.92578	505171.0	5408895.8
L5180.0	505171.0	5408894.4	10803.79981	315.47	104.73	48.833005	-86.929537	56093.61	56251	-0.98	56092.63	56100.61719	56086.18038	56095.68359	505171.0	5408894.4
L5180.0	505171.1	5408893.0	10803.90039	313.99	104.73	48.832992	-86.929537	56093.48	56251	-0.98	56092.50	56100.50391	56087.30079	56096.85547	505171.1	5408893.0
L5180.0	505171.1	5408893.0	10804.00000	313.07	99.95	48.832992	-86.929537	56093.25	56251	-0.98	56092.27	56100.29297	56086.20687	56095.81250	505171.1	5408893.0
L5180.0	505171.1	5408891.4	10804.00000	313.07	99.95	48.832978	-86.929536	56093.06	56251	-0.98	56092.07	56100.10938	56086.10007	56095.75781	505171.1	5408891.4
L5180.0	505171.1	5408889.7	10804.20020	310.33	93.59	48.832963	-86.929536	56092.87	56251	-0.97	56091.89	56099.94531	56086.56642	56096.27344	505171.1	5408889.7
L5180.0	505171.1	5408888.3	10804.29981	310.91	88.97	48.832950	-86.929536	56092.68	56251	-0.97	56091.70	56099.76953	56086.82125	56096.57813	505171.1	5408888.3
L5180.0	505171.1	5408888.3	10804.40039	312.07	88.97	48.832950	-86.929536	56092.44	56251	-0.97	56091.47	56099.55469	56086.08747	56095.89063	505171.1	5408888.3
L5180.0	505171.2	5408886.9	10804.50000	310.15	94.99	48.832937	-86.929536	56092.26	56251	-0.96	56091.29	56099.38672	56086.73252	56096.58594	505171.2	5408886.9
L5180.0	505171.2	5408885.5	10804.59961	312.13	99.12	48.832925	-86.929535	56092.04	56251	-0.96	56091.08	56099.18750	56086.62765	56096.52734	505171.2	5408885.5
L5180.0	505171.2	5408884.1	10804.70020	313.45	101.57	48.832912	-86.929535	56091.81	56251	-0.96	56090.85	56098.96484	56086.19217	56096.13672	505171.2	5408884.1
L5180.0	505171.2	5408884.1	10804.79981	316.12	101.57	48.832912	-86.929535	56091.61	56251	-0.96	56090.65	56098.77344	56086.35236	56096.34375	505171.2	5408884.1
L5180.0	505171.2	5408882.5	10804.90039	320.87	100.42	48.832898	-86.929535	56091.33	56251	-0.95	56090.38	56098.51172	56085.26393	56095.30078	505171.2	5408882.5
L5180.0	505171.2	5408880.9	10805.00000	322.52	100.42	48.832883	-86.929535	56091.08	56250.9	-0.95	56090.13	56098.26563	56084.58359	56094.66406	505171.2	5408880.9
L5180.0	505171.3	5408879.4	10805.09961	324.86	103.41	48.832870	-86.929534	56090.88	56251	-0.95	56089.92	56098.06250	56084.74780	56094.87109	505171.3	5408879.4
L5180.0	505171.3	5408878.5	10805.20020	321.97	103.41	48.832862	-86.929534	56090.60	56251	-0.95	56089.65	56097.79297	56083.78892	56093.95313	505171.3	5408878.5
L5180.0	505171.3	5408877.0	10805.29981	323.51	98.31	48.832849	-86.929534	56090.37	56251	-0.95	56089.41	56097.55469	56083.51240	56093.71875	505171.3	5408877.0
L5180.0	505171.3	5408877.0	10805.40039	330.64	98.73	48.832849	-86.929534	56090.09	56251	-0.95	56089.13	56097.27344	56082.47263	56092.72266	505171.3	5408877.0
L5180.0	505171.3	5408875.4	10805.50000	330.04	98.03	48.832834	-86.929534	56089.79	56251	-0.95	56088.83	56096.97266	56081.05997	56091.34766	505171.3	5408875.4
L5180.0	505171.3	5408874.0	10805.59961	327.73	98.03	48.832821	-86.929533	56089.62	56251	-0.96	56088.66	56096.80078	56082.64024	56092.96875	505171.3	5408874.0
L5180.0	505171.3	5408872.6	10805.70020	326.48	101.03	48.832809	-86.929533	56089.31	56251	-0.96	56088.35	56096.48828	56081.19924	56091.56641	505171.3	5408872.6

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5180.0	505171.3	5408872.6	10805.79981	326.65	101.03	48.832809	-86.929533	56089.10	56251	-0.96	56088.14	56096.27344	56082.17888	56092.58594	505171.3	5408872.6
L5180.0	505171.4	5408871.2	10805.90039	326.96	96.12	48.832796	-86.929533	56088.83	56251	-0.96	56087.87	56095.99609	56081.90307	56092.34766	505171.4	5408871.2
L5180.0	505171.4	5408870.0	10806.00000	325.78	99.14	48.832786	-86.929533	56088.60	56251	-0.96	56087.64	56095.75781	56082.71988	56093.20313	505171.4	5408870.0
L5180.0	505171.4	5408868.4	10806.00000	325.78	99.14	48.832771	-86.929533	56088.32	56251	-0.96	56087.36	56095.46875	56082.47997	56093.00000	505171.4	5408868.4
L5180.0	505171.3	5408866.7	10806.20020	323.50	97.49	48.832756	-86.929533	56088.07	56251	-0.96	56087.11	56095.20703	56083.10839	56093.66406	505171.3	5408866.7
L5180.0	505171.3	5408866.7	10806.29981	325.07	99.03	48.832756	-86.929533	56087.68	56251	-0.96	56086.72	56094.80469	56080.44809	56091.03906	505171.3	5408866.7
L5180.0	505171.3	5408865.1	10806.40039	324.33	99.03	48.832741	-86.929534	56087.38	56251	-0.96	56086.42	56094.49219	56080.12516	56090.75000	505171.3	5408865.1
L5180.0	505171.3	5408863.7	10806.50000	325.60	97.11	48.832729	-86.929534	56087.08	56251	-0.96	56086.12	56094.17969	56079.94366	56090.60156	505171.3	5408863.7
L5180.0	505171.3	5408862.3	10806.59961	327.92	97.11	48.832716	-86.929534	56086.75	56251	-0.96	56085.79	56093.83203	56079.16678	56089.85938	505171.3	5408862.3
L5180.0	505171.3	5408862.3	10806.70020	326.41	96.44	48.832716	-86.929534	56086.42	56251	-0.96	56085.46	56093.48438	56078.53397	56089.25781	505171.3	5408862.3
L5180.0	505171.2	5408860.9	10806.79981	324.40	98.67	48.832704	-86.929535	56086.09	56251	-0.96	56085.13	56093.13672	56078.04556	56088.80469	505171.2	5408860.9
L5180.0	505171.2	5408859.5	10806.90039	322.78	98.67	48.832691	-86.929535	56085.84	56251	-0.96	56084.88	56092.86719	56079.64935	56090.43750	505171.2	5408859.5
L5180.0	505171.2	5408858.1	10807.00000	323.16	99.4	48.832679	-86.929536	56085.43	56251	-0.96	56084.47	56092.43750	56077.50282	56088.32422	505171.2	5408858.1
L5180.0	505171.2	5408857.2	10807.09961	324.61	99.58	48.832670	-86.929536	56085.16	56251	-0.96	56084.20	56092.14453	56078.89600	56089.75000	505171.2	5408857.2
L5180.0	505171.1	5408855.7	10807.20020	325.90	99.58	48.832657	-86.929536	56084.81	56251	-0.96	56083.85	56091.76953	56078.49701	56089.37891	505171.1	5408855.7
L5180.0	505171.1	5408854.2	10807.29981	325.76	91.44	48.832644	-86.929537	56084.45	56251	-0.96	56083.49	56091.38672	56078.00721	56088.91797	505171.1	5408854.2
L5180.0	505171.1	5408854.2	10807.40039	326.67	92.24	48.832644	-86.929537	56084.05	56251	-0.96	56083.09	56090.96094	56076.71776	56087.66016	505171.1	5408854.2
L5180.0	505171.1	5408852.4	10807.50000	325.94	97.48	48.832627	-86.929537	56083.79	56251	-0.96	56082.83	56090.67188	56078.89291	56089.86328	505171.1	5408852.4
L5180.0	505171.1	5408851.0	10807.59961	325.26	97.48	48.832614	-86.929537	56083.34	56251	-0.96	56082.38	56090.19531	56076.72988	56087.72656	505171.1	5408851.0
L5180.0	505171.0	5408849.6	10807.70020	324.38	96.53	48.832602	-86.929538	56083.01	56251	-0.96	56082.05	56089.83594	56077.53817	56088.56250	505171.0	5408849.6
L5180.0	505171.0	5408849.6	10807.79981	322.32	96.86	48.832602	-86.929538	56082.61	56251	-0.96	56081.65	56089.40234	56076.86080	56087.91406	505171.0	5408849.6
L5180.0	505171.0	5408848.1	10807.90039	323.47	94.43	48.832589	-86.929538	56082.22	56251	-0.96	56081.26	56088.98047	56076.56985	56087.65234	505171.0	5408848.1
L5180.0	505171.1	5408846.9	10808.00000	322.81	94.43	48.832578	-86.929537	56081.77	56251	-0.96	56080.81	56088.50000	56075.05443	56086.16016	505171.1	5408846.9
L5180.0	505171.1	5408845.7	10808.00000	322.81	94.89	48.832567	-86.929537	56081.41	56251	-0.96	56080.45	56088.10547	56075.75793	56086.89063	505171.1	5408845.7
L5180.0	505171.1	5408844.4	10808.20020	323.84	95.22	48.832555	-86.929537	56080.96	56251	-0.96	56080.00	56087.62109	56074.56027	56085.71875	505171.1	5408844.4
L5180.0	505171.1	5408843.0	10808.29981	323.64	95.72	48.832542	-86.929537	56080.53	56251	-0.96	56079.57	56087.15625	56073.97632	56085.16016	505171.1	5408843.0
L5180.0	505171.1	5408842.0	10808.40039	319.47	95.91	48.832533	-86.929537	56080.07	56251	-0.96	56079.12	56086.66797	56073.09766	56084.30469	505171.1	5408842.0
L5180.0	505171.1	5408840.3	10808.50000	320.42	95.91	48.832519	-86.929537	56079.64	56251	-0.96	56078.69	56086.19922	56072.82688	56084.05859	505171.1	5408840.3
L5180.0	505171.1	5408840.3	10808.59961	320.16	94.99	48.832519	-86.929537	56079.24	56251	-0.95	56078.28	56085.75000	56073.16026	56084.41797	505171.1	5408840.3
L5180.0	505171.2	5408838.0	10808.70020	320.70	93.02	48.832498	-86.929536	56078.74	56251	-0.95	56077.78	56085.21094	56071.63313	56082.91406	505171.2	5408838.0
L5180.0	505171.2	5408837.0	10808.79981	321.24	93.02	48.832489	-86.929536	56078.30	56251	-0.95	56077.35	56084.73828	56071.83248	56083.13672	505171.2	5408837.0
L5180.0	505171.2	5408837.0	10808.90039	321.64	92.88	48.832489	-86.929536	56077.82	56251	-0.95	56076.87	56084.21875	56071.07201	56082.39844	505171.2	5408837.0
L5180.0	505171.2	5408835.6	10809.00000	323.02	88.87	48.832476	-86.929536	56077.32	56250.9	-0.95	56076.37	56083.67578	56070.02457	56081.37109	505171.2	5408835.6
L5180.0	505171.2	5408834.1	10809.09961	326.72	84.68	48.832463	-86.929536	56076.86	56251	-0.95	56075.91	56083.17188	56070.03522	56081.40625	505171.2	5408834.1
L5180.0	505171.2	5408833.3	10809.20020	325.94	93.19	48.832455	-86.929536	56076.38	56251	-0.95	56075.43	56082.64844	56069.76236	56081.15234	505171.2	5408833.3
L5180.0	505171.2	5408831.8	10809.29981	325.95	94.71	48.832442	-86.929536	56075.86	56251	-0.95	56074.90	56082.07031	56068.53048	56079.94141	505171.2	5408831.8
L5180.0	505171.2	5408830.4	10809.40039	326.29	94.71	48.832429	-86.929536	56075.42	56251	-0.95	56074.47	56081.59766	56069.72007	56081.15234	505171.2	5408830.4
L5180.0	505171.2	5408829.0	10809.50000	324.65	95.13	48.832417	-86.929536	56074.88	56251	-0.96	56073.93	56081.00781	56068.59753	56080.05078	505171.2	5408829.0
L5180.0	505171.2	5408828.0	10809.59961	324.07	94.14	48.832408	-86.929536	56074.41	56251	-0.96	56073.45	56080.48047	56069.00532	56080.47656	505171.2	5408828.0
L5180.0	505171.1	5408826.6	10809.70020	321.97	94.14	48.832395	-86.929536	56073.85	56251	-0.96	56072.90	56079.88281	56067.99496	56079.48828	505171.1	5408826.6
L5180.0	505171.1	5408825.1	10809.79981	325.70	94.94	48.832382	-86.929537	56073.32	56251	-0.96	56072.37	56079.30469	56067.61206	56079.12109	505171.1	5408825.1
L5180.0	505171.1	5408825.1	10809.90039	323.53	94.88	48.832382	-86.929537	56072.78	56251	-0.96	56071.82	56078.70313	56066.94476	56078.47266	505171.1	5408825.1
L5180.0	505171.1	5408823.5	10810.00000	325.58	96.42	48.832367	-86.929537	56072.21	56251	-0.96	56071.25	56078.08594	56065.98999	56077.53906	505171.1	5408823.5
L5180.0	505171.1	5408822.1	10810.00000	325.58	96.42	48.832354	-86.929537	56071.60	56251	-0.96	56070.64	56077.42188	56064.28125	56075.84766	505171.1	5408822.1
L5180.0	505171.1	5408820.6	10810.20020	326.19	95.12	48.832341	-86.929537	56070.99	56251	-0.95	56070.04	56076.77344	56062.97228	56074.55469	505171.1	5408820.6
L5180.0	505171.1	5408819.4	10810.29981	324.14	93.25	48.832330	-86.929537	56070.39	56250.9	-0.95	56069.44	56076.12109	56061.83553	56073.43359	505171.1	5408819.4
L5180.0	505171.1	5408818.3	10810.40039	323.45	93.25	48.832320	-86.929537	56069.77	56250.9	-0.94	56068.83	56075.45703	56060.63845	56072.25391	505171.1	5408818.3
L5180.0	505171.1	5408818.3	10810.50000	323.41	92.3	48.832320	-86.929537	56069.15	56250.9	-0.94	56068.21	56074.78516	56059.37988	56071.01172	505171.1	5408818.3
L5180.0	505171.1	5408816.9	10810.59961	322.30	92.3	48.832307	-86.929537	56068.54	56250.9	-0.94	56067.60	56074.12109	56058.52899	56070.17578	505171.1	5408816.9
L5180.0	505171.1	5408815.2	10810.70020	321.51	91	48.832292	-86.929537	56067.93	56250.9	-0.93	56067.00	56073.46875	56058.08799	56069.75000	505171.1	5408815.2
L5180.0	505171.1	5408814.0	10810.79981	323.54	91	48.832281	-86.929537	56067.33	56250.9	-0.93	56066.40	56072.81250	56057.82176	56069.49609	505171.1	5408814.0
L5180.0	505171.1	5408814.0	10810.90039	325.28	93.71	48.832281	-86.929537	56066.64	56250.9	-0.92	56065.72	56072.07813	56055.83529	56067.52344	505171.1	5408814.0
L5180.0	505171.1	5408812.0	10811.00000	326.18	93.71	48.832264	-86.929537	56066.01	56250.9	-0.92	56065.09	56071.39453	56055.20117	56066.90625	505171.1	5408812.0
L5180.0	505171.1	5408810.2	10811.09961	324.71	92.64	48.832248	-86.929537	56065.35	56250.9	-0.92	56064.43	56070.67969	56054.02409	56065.73828	505171.1	5408810.2
L5180.0	505171.1	5408808.9	10811.20020	323.27	92.64	48.832235	-86.929537	56064.68	56250.9	-0.92	56063.75	56069.94141	56052.53833	56064.26563	505171.1	5408808.9
L5180.0	505171.1	5408808.9	10811.29981	324.11	92.21	48.832235	-86.929537	56064.04	56250.9	-0.92	56063.11	56069.24609	56052.16650	56063.90625	505171.1	5408808.9
L5180.0	505171.1	5408807.4	10811.40039	323.77	96.95	48.832223	-86.929537	56063.38	56250.9	-0.92	56062.46	56068.54297	56051.71885	56063.46875	505171.1	5408807.4
L5180.0	505171.2	5408805.9	10811.50000	324.63	96.95	48.832209	-86.929537	56062.62	56250.9	-0.93	56061.70	56067.72656	56048.81768	56060.57813	505171.2	5408805.9
L5180.0	505171.2	5408804.3	10811.59961	325.69	94.62	48.832194	-86.929536	56062.01	56250.9	-0.93	56061.09	56067.05859	56049.63403	56061.40625	505171.2	5408804.3
L5180.0	505171.2	5408803.1	10811.70020	327.25	94.62	48.832183	-86.929536	56061.28	56250.9	-0.93	56060.35	56066.26172	56047.51677	56059.29688	505171.2	5408803.1
L5180.0	505171.2	5408803.1	10811.79981	326.63	94.16	48.832183	-86.929536	56060.63	56250.9	-0.93	56059.70	56065.55469	56047.68003	56059.46875	505171.2	5408803.1
L5180.0	505171.3	5408800.4	10811.90039	325.71	95.83	48.832159	-86.929535	56059.89	56250.9	-0.93	56058.96	56064.75781	56045.85534	56057.65234	505171.3	5408800.4
L5180.0	505171.3	5408800.4	10812.00000	325.98	95.83	48.832159	-86.929535	56059.20	56250.9	-0.93	56058.27	56064.01172	56045.35080	56057.15625	505171.3	5408800.4
L5180.0	505171.3	5408798.7	10812.00000	325.98	96.94	48.832144	-86.929535	56058.50	56250.9	-0.93	56057.57	56063.25391	56044.74159	56056.55078	505171.3	5408798.7
L5180.0	505171.3	5408797.5	10812.20020	323.26	96.09	48.832133	-86.929535	56057.78	56250.9	-0.94	56056.85	56062.47656	56043.78802	56055.60156	505171.3	5408797.5
L5180.0	505171.3	5408796.1	10812.29981	323.91	96.09	48.832120	-86.929534	56057.00	56250.9	-0.94	56056.07	56061.64063	56041.54852	56053.36719	505171.3	5408796.1
L5180.0	505171.4	5408794.6	10812.40039	323.60	97.27	48.832107	-86.929534	56056.33	56250.9	-0.94	56055.39	56060.90234	56041.77045	56053.59375	505171.4	5408794.6
L5180.0	505171.4	5408794.6	10812.50000	323.06	93.89	48.832107	-86.929534	56055.54	56250.9	-0.94	56054.59	56060.04688	56039.29345	56051.12109	505171.4	5408794.6
L5180.0	505171.4	5408792.7	10812.59961	323.18	93.89	48.832090	-86.929534	56054.78	56250.9	-0.95	56053.83	56059.23047	56037.85772	56049.68750	505171.4	5408792.7
L5180.0	505171.4	5408791.3	10812.70020	321.64	93.61	48.832077	-86.929533	56054.04	56251	-0.95	56053.09	56058.43359	56036.98517	56048.81641	505171.4	5408791.3
L5180.0	505171.4	5408789.8	10812.79981	322.33	93.61	48.832064	-86.929533	56053.29	56251	-0.95	56052.33	56057.61719	56035.73591	56047.56641	505171.4	5408789.8
L5180.0	505171.4	5408789.8	10812.90039	323.25	95.46	48.832064	-86.929533	56052.52	56251	-0.96	56051.57	56056.80078	56034.56948	56046.39844	505171.4	5408789.8
L5180.0	505171.4	5408788.4	10813.00000	323.01	95.46	48.832051	-86.929533	56051.79	56251	-0.96	56050.83	56056.00391	56033.94255	56045.77344	505171.4	5408788.4
L5180.0	505171.4	5408788.4	10813.09961	324.72	94.12	48.832051	-86.929533	56050.98	56251	-0.96	56050.02	56055.13672	56031.76144	56043.58984	505171.4	5408788.4
L5180.0	505171.5	5408785.6	10813.20020	325.24	94.12	48.832026	-86.929533	56050.28	56251	-0.96	56049.32	56054.38281	56032.19091	56044.01563	505171.5	5408785.6
L5180.0	505171.5	5408785.6	10813.29981	324.72	98	48.832026	-86.929533	56049.48	56251	-0.95	56048.53	56053.53516	56030.59075	56042.41016	505171.5	5408785.6
L5180.0	505171.5	5408784.4	10813.40039	324.52	99.12	48.832015	-86.929532	56048.76	56251	-0.95	56047.81	56052.76172	56030.66185	56042.47656	505171.5	5408784.4
L5180.0	505171.5	5408782.8	10813.50000	323.68	98.35	48.832001	-86.929532	56047.88	56250.9	-0.95	56046.93	56051.82422	56027.07284	56038.87891	505171.5	5408782.8
L5180.0	505171.5	5408781.6	10813.59961	323.22	98.35	48.831990	-86.929532	56047.12	56250.9	-0.95	56046.17	56051.01172	56026.30123	56038.10156	505171.5	5408781.6
L5180.0	505171.5	5408779.9	10813.70020	323.63	100.12	48.831975	-86.929532	56046.33	56250.9	-0.95	56045.39	56050.17578	56025.09994	56036.89063	505171.5	5408779.9
L5180.0	505171.6	5408779.2	10813.79981	324.04	100.12	48.831969	-86.929532	56045.55	56250.9	-0.94	56044.60	56049.33203	56023.69525	56035.47656	505171.6	5408779.2
L5180.0	505171.6	5408777.7	10813.90039	325.14	99.81	48.831955	-86.929531	56044.73	56250.9	-0.94	56043.79	56048.46875	56021.85073	56033.62109	505171.6	5408777.7
L5180.0	505171.6	5408776.6	10814.00000	325.02	100.13	48.831945	-86.929531	56043.95	56250.9	-0.94	56043.01	56047.63672	56020.71606	56032.47266	505171.6	5408776.6
L5180.0	505171.6	5408776.6	10814.00000	325.02	100.13	48.831945	-86.929531	56043.14	56250.9	-0.94	56042.20	56046.77344	56018.89867	56030.64063	505171.6	5408776.6
L5180.0	505171.6	5408775.0	10814.20020	327.45	102.54	48.831930	-86.929531	56042.38	56250.9	-0.94	56041.44	56045.96094	56018.23378	56029.96094	505171.6	5408775.0
L5180.0	505171.6	5408773.5	10814.29981	326.81	102.54	48.831917	-86.929531	56041.60	56250.9	-0.95	56040.65	56045.11719	56016.86807	56028.57813	505171.6	5408773.5
L5180.0	505171.6	5408772.2	10814.40039	325.20	101.21	48.831906	-86.929531	56040.79	56250.9	-0.95	56039.84	56044.25391	56015.02579	56026.71875	505171.6	5408772.2
L5180.0	505171.6	5408770.9	10814.50000	324.27	91.97	48.831894	-86.929531	56040.04	56250.9	-0.95	56039.09	56043.45313	56014.52656	56026.19922	505171.6	5408770.9
L5180.0	505171.6	5408770.9	10814.59961	322.25	91.97	48.831894	-86.929531	56039.22	56251	-0.95	56038.27	56042.58203	56012.38826	56024.04297	505171.6	5408770.9
L5180.0	505171.6	5408768.9	10814.70020	323.05	97.59	48.831876	-86.929531	56038.44	56251	-0.95	56037.48	56041.74219	56010.87944	56022.51172	505171.6	5408768.9
L5180.0	505171.6	5408767.4	10814.79981	321.80	97.59	48.831863	-86.929531	56037.66	56251	-0.96	56036.70	56040.91406	56009.52861	56021.13672	505171.6	5408767.4
L5180.0	505171.6	5408766.1	10814.90039	323.26	96.09	48.831850	-86.929530	56036.87	56251	-0.96	56035.91	56040.07422	56007.86826	56019.45313	505171.6	5408766.1
L5180.0	505171.6	5408766.1	10815.00000	323.65	100.02	48.831850	-86.929530	56036.11	56251	-0.96	56035.15	56039.26563	56006.78628	56018.34375	505171.6	5408766.1

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5180.0	505171.7	5408762.9	10815.09961	323.95	100.02	48.831822	-86.929530	56035.33	56251	-0.96	56034.37	56038.43750	56005.13810	56016.66797	505171.7	5408762.9
L5180.0	505171.7	5408762.9	10815.20020	322.54	102.83	48.831822	-86.929530	56034.57	56251	-0.96	56033.61	56037.62891	56003.81321	56015.31250	505171.7	5408762.9
L5180.0	505171.7	5408761.1	10815.29981	320.62	102.83	48.831805	-86.929530	56033.81	56251	-0.96	56032.85	56036.82031	56002.34680	56013.81641	505171.7	5408761.1
L5180.0	505171.7	5408761.1	10815.40039	322.01	102.74	48.831805	-86.929530	56033.05	56251	-0.96	56032.09	56036.01563	56000.72560	56012.16406	505171.7	5408761.1
L5180.0	505171.7	5408759.7	10815.50000	321.97	103.07	48.831793	-86.929530	56032.29	56251	-0.96	56031.34	56035.21875	55999.16317	56010.56641	505171.7	5408759.7
L5180.0	505171.7	5408758.3	10815.59961	321.20	101.7	48.831780	-86.929530	56031.56	56251	-0.95	56030.61	56034.44531	55997.87725	56009.24219	505171.7	5408758.3
L5180.0	505171.7	5408756.9	10815.70020	322.14	101.7	48.831768	-86.929529	56030.82	56251	-0.95	56029.87	56033.66016	55996.17456	56007.50391	505171.7	5408756.9
L5180.0	505171.7	5408756.9	10815.79981	323.29	102.4	48.831768	-86.929529	56030.14	56251	-0.95	56029.19	56032.93359	55995.64579	56006.93750	505171.7	5408756.9
L5180.0	505171.8	5408755.4	10815.90039	322.90	102.83	48.831755	-86.929529	56029.36	56251	-0.95	56028.40	56032.10156	55992.37504	56003.62500	505171.8	5408755.4
L5180.0	505171.8	5408753.3	10816.00000	325.54	102.83	48.831735	-86.929529	56028.68	56250.9	-0.95	56027.73	56031.38672	55991.65096	56002.85938	505171.8	5408753.3
L5180.0	505171.8	5408753.3	10816.00000	325.54	102.36	48.831735	-86.929529	56027.97	56250.9	-0.95	56027.02	56030.63672	55989.77083	56000.93359	505171.8	5408753.3
L5180.0	505171.8	5408750.6	10816.20020	327.36	102.36	48.831712	-86.929529	56027.28	56250.9	-0.95	56026.33	56029.90234	55988.11682	55999.23438	505171.8	5408750.6
L5180.0	505171.8	5408750.6	10816.29981	327.37	97.81	48.831712	-86.929529	56026.58	56250.9	-0.95	56025.63	56029.16406	55985.97598	55997.04688	505171.8	5408750.6
L5180.0	505171.8	5408749.0	10816.40039	326.89	97.81	48.831697	-86.929529	56025.96	56250.9	-0.95	56025.02	56028.51172	55985.72020	55996.74219	505171.8	5408749.0
L5180.0	505171.8	5408747.3	10816.50000	326.87	89.54	48.831682	-86.929529	56025.26	56250.9	-0.94	56024.31	56027.76172	55982.81766	55993.78906	505171.8	5408747.3
L5180.0	505171.8	5408747.3	10816.59961	325.29	94.11	48.831682	-86.929529	56024.60	56250.9	-0.94	56023.66	56027.07422	55981.07943	55991.99609	505171.8	5408747.3
L5180.0	505171.8	5408745.9	10816.70020	324.56	94.11	48.831669	-86.929529	56023.97	56250.9	-0.94	56023.03	56026.40625	55979.54927	55990.41016	505171.8	5408745.9
L5180.0	505171.8	5408744.7	10816.79981	326.01	100.66	48.831658	-86.929529	56023.34	56250.9	-0.94	56022.40	56025.73828	55977.73658	55988.54297	505171.8	5408744.7
L5180.0	505171.8	5408743.2	10816.90039	326.99	100.66	48.831644	-86.929529	56022.76	56250.9	-0.94	56021.82	56025.12109	55976.85772	55987.60547	505171.8	5408743.2
L5180.0	505171.8	5408741.7	10817.00000	327.01	91.33	48.831632	-86.929529	56022.13	56250.9	-0.94	56021.18	56024.44141	55974.20853	55984.89453	505171.8	5408741.7
L5180.0	505171.8	5408741.7	10817.09961	323.92	94.97	48.831632	-86.929529	56021.59	56250.9	-0.94	56020.65	56023.87500	55973.96290	55984.58984	505171.8	5408741.7
L5180.0	505171.7	5408740.1	10817.20020	325.56	94.97	48.831617	-86.929530	56021.06	56250.9	-0.94	56020.12	56023.31250	55973.40512	55983.96875	505171.7	5408740.1
L5180.0	505171.7	5408738.7	10817.29981	325.53	102.64	48.831604	-86.929530	56020.45	56250.9	-0.94	56019.51	56022.66797	55970.53947	55981.03516	505171.7	5408738.7
L5180.0	505171.7	5408738.7	10817.40039	326.55	102.64	48.831604	-86.929530	56019.92	56250.9	-0.94	56018.98	56022.10156	55969.31440	55979.74609	505171.7	5408738.7
L5180.0	505171.7	5408736.7	10817.50000	327.01	102.75	48.831587	-86.929530	56019.46	56250.9	-0.94	56018.52	56021.60938	55969.47288	55979.83594	505171.7	5408736.7
L5180.0	505171.7	5408735.1	10817.59961	328.98	102.85	48.831572	-86.929530	56018.93	56250.9	-0.94	56017.99	56021.04688	55967.53269	55977.82422	505171.7	5408735.1
L5180.0	505171.7	5408734.1	10817.70020	328.78	102.85	48.831563	-86.929531	56018.48	56250.9	-0.94	56017.54	56020.56641	55967.19472	55977.41406	505171.7	5408734.1
L5180.0	505171.6	5408733.0	10817.79981	326.73	90.03	48.831553	-86.929531	56018.06	56250.9	-0.94	56017.11	56020.10156	55966.96389	55977.10938	505171.6	5408733.0
L5180.0	505171.6	5408731.5	10817.90039	326.60	90.03	48.831540	-86.929531	56017.60	56250.9	-0.94	56016.66	56019.62109	55965.84809	55975.91797	505171.6	5408731.5
L5180.0	505171.6	5408730.0	10818.00000	325.51	100.23	48.831526	-86.929531	56017.19	56250.9	-0.94	56016.25	56019.18359	55965.31964	55975.31250	505171.6	5408730.0
L5180.0	505171.6	5408730.0	10818.00000	325.51	104.24	48.831526	-86.929531	56016.76	56250.9	-0.94	56015.82	56018.72266	55963.89822	55973.80859	505171.6	5408730.0
L5180.0	505171.6	5408728.3	10818.20020	325.61	104.24	48.831510	-86.929531	56016.38	56250.9	-0.94	56015.44	56018.31250	55963.29498	55973.12500	505171.6	5408728.3
L5180.0	505171.6	5408727.0	10818.29981	324.61	104.01	48.831500	-86.929531	56016.05	56250.9	-0.94	56015.11	56017.95703	55963.49507	55973.24219	505171.6	5408727.0
L5180.0	505171.6	5408725.4	10818.40039	324.59	104.01	48.831485	-86.929531	56015.70	56250.9	-0.94	56014.76	56017.57813	55962.79080	55972.45313	505171.6	5408725.4
L5180.0	505171.7	5408724.2	10818.50000	325.22	105.39	48.831474	-86.929531	56015.39	56250.9	-0.94	56014.45	56017.24219	55962.62484	55972.20313	505171.7	5408724.2
L5180.0	505171.7	5408724.2	10818.59961	325.19	105.16	48.831474	-86.929531	56015.07	56250.9	-0.94	56014.13	56016.89453	55961.79101	55971.28125	505171.7	5408724.2
L5180.0	505171.7	5408722.8	10818.70020	324.78	105.16	48.831461	-86.929531	56014.79	56250.9	-0.94	56013.85	56016.58984	55961.47268	55970.87500	505171.7	5408722.8
L5180.0	505171.7	5408721.6	10818.79981	325.14	105.16	48.831450	-86.929531	56014.48	56250.9	-0.94	56013.54	56016.25391	55960.00784	55969.31641	505171.7	5408721.6
L5180.0	505171.7	5408720.2	10818.90039	325.26	105.85	48.831438	-86.929530	56014.28	56250.9	-0.94	56013.34	56016.03125	55960.66235	55969.87891	505171.7	5408720.2
L5180.0	505171.7	5408718.8	10819.00000	325.93	106.13	48.831425	-86.929530	56014.06	56250.9	-0.94	56013.11	56015.77734	55960.14601	55969.26953	505171.7	5408718.8
L5180.0	505171.7	5408717.8	10819.09961	325.02	106.13	48.831416	-86.929530	56013.90	56250.9	-0.94	56012.96	56015.60156	55960.99222	55970.01953	505171.7	5408717.8
L5180.0	505171.7	5408716.1	10819.20020	323.42	100.49	48.831401	-86.929530	56013.65	56250.9	-0.95	56012.70	56015.32031	55958.84074	55967.77344	505171.7	5408716.1
L5180.0	505171.7	5408716.1	10819.29981	325.69	99.95	48.831401	-86.929530	56013.53	56250.9	-0.95	56012.58	56015.17578	55959.38984	55968.22266	505171.7	5408716.1
L5180.0	505171.7	5408714.5	10819.40039	323.50	99.95	48.831387	-86.929530	56013.42	56251	-0.95	56012.47	56015.04688	55959.66387	55968.39844	505171.7	5408714.5
L5180.0	505171.7	5408713.6	10819.50000	323.55	101.02	48.831378	-86.929530	56013.32	56251	-0.96	56012.36	56014.91406	55959.44052	55968.07422	505171.7	5408713.6
L5180.0	505171.8	5408712.1	10819.59961	320.51	99.67	48.831365	-86.929530	56013.30	56251	-0.96	56012.34	56014.87500	55960.72168	55969.25000	505171.8	5408712.1
L5180.0	505171.8	5408710.5	10819.70020	319.99	99.67	48.831350	-86.929530	56013.22	56251	-0.96	56012.26	56014.77344	55960.16426	55968.58984	505171.8	5408710.5
L5180.0	505171.8	5408709.0	10819.79981	319.96	106.36	48.831337	-86.929530	56013.17	56251	-0.96	56012.20	56014.69531	55959.55180	55967.87109	505171.8	5408709.0
L5180.0	505171.8	5408709.0	10819.90039	320.81	105.88	48.831337	-86.929530	56013.20	56251	-0.97	56012.23	56014.70703	55960.42662	55968.64063	505171.8	5408709.0
L5180.0	505171.8	5408707.1	10820.00000	320.23	105.88	48.831320	-86.929530	56013.27	56251	-0.97	56012.30	56014.75781	55961.68444	55969.79297	505171.8	5408707.1
L5180.0	505171.8	5408705.4	10820.00000	320.23	109.04	48.831305	-86.929530	56013.27	56251	-0.97	56012.30	56014.73828	55960.91502	55968.91406	505171.8	5408705.4
L5180.0	505171.8	5408703.9	10820.09961	321.86	109.04	48.831292	-86.929530	56013.38	56251	-0.97	56012.41	56014.83203	55962.07789	55969.96484	505171.8	5408703.9
L5180.0	505171.8	5408703.9	10820.20020	323.04	107.75	48.831292	-86.929530	56013.47	56251	-0.96	56012.51	56014.91406	55962.54401	55970.32031	505171.8	5408703.9
L5180.0	505171.8	5408702.2	10820.20020	323.04	107.66	48.831276	-86.929529	56013.60	56251	-0.96	56012.63	56015.01953	55962.97775	55970.64453	505171.8	5408702.2
L5180.0	505171.8	5408700.8	10820.50000	321.78	107.66	48.831263	-86.929529	56013.72	56251	-0.96	56012.77	56015.14453	55963.38580	55970.93750	505171.8	5408700.8
L5180.0	505171.8	5408700.8	10820.59961	322.60	107.55	48.831263	-86.929529	56013.90	56251	-0.95	56012.95	56015.30859	55964.21490	55971.65234	505171.8	5408700.8
L5180.0	505171.8	5408699.1	10820.70020	325.38	106.63	48.831248	-86.929529	56014.03	56250.9	-0.95	56013.08	56015.42188	55963.48741	55970.81250	505171.8	5408699.1
L5180.0	505171.8	5408697.6	10820.79981	324.44	106.63	48.831235	-86.929529	56014.28	56250.9	-0.95	56013.33	56015.66016	55964.96966	55972.17969	505171.8	5408697.6
L5180.0	505171.8	5408696.0	10820.90039	324.15	108.61	48.831220	-86.929529	56014.48	56250.9	-0.94	56013.54	56015.85547	55965.14517	55972.23828	505171.8	5408696.0
L5180.0	505171.8	5408696.0	10821.00000	324.22	108.61	48.831220	-86.929529	56014.73	56250.9	-0.94	56013.79	56016.08984	55965.79843	55972.77344	505171.8	5408696.0
L5180.0	505171.8	5408694.5	10821.09961	323.44	110.54	48.831207	-86.929529	56015.04	56250.9	-0.94	56014.10	56016.38672	55967.39232	55974.25000	505171.8	5408694.5
L5180.0	505171.8	5408693.1	10821.20020	324.72	107.03	48.831194	-86.929529	56015.24	56250.9	-0.94	56014.30	56016.57422	55966.15432	55972.89063	505171.8	5408693.1
L5180.0	505171.8	5408691.1	10821.29981	322.61	107.03	48.831176	-86.929529	56015.59	56250.9	-0.94	56014.65	56016.91406	55967.88975	55974.50781	505171.8	5408691.1
L5180.0	505171.8	5408691.1	10821.40039	323.97	105.8	48.831176	-86.929529	56015.93	56250.9	-0.94	56014.98	56017.23047	55968.81855	55975.31641	505171.8	5408691.1
L5180.0	505171.8	5408690.0	10821.50000	322.91	105.8	48.831166	-86.929529	56016.28	56250.9	-0.94	56015.33	56017.57031	55969.83770	55976.21875	505171.8	5408690.0
L5180.0	505171.9	5408688.4	10821.59961	322.19	106.98	48.831152	-86.929529	56016.64	56250.9	-0.95	56015.69	56017.91797	55970.73015	55976.98828	505171.9	5408688.4
L5180.0	505171.9	5408687.0	10821.70020	321.26	107.22	48.831139	-86.929528	56017.02	56250.9	-0.95	56016.07	56018.28906	55971.72244	55977.85938	505171.9	5408687.0
L5180.0	505171.9	5408685.5	10821.79981	322.41	93.87	48.831126	-86.929528	56017.39	56250.9	-0.95	56016.45	56018.65625	55972.37558	55978.39063	505171.9	5408685.5
L5180.0	505171.9	5408684.3	10821.90039	322.09	93.87	48.831115	-86.929528	56017.82	56250.9	-0.95	56016.88	56019.07813	55973.79609	55979.69141	505171.9	5408684.3
L5180.0	505171.9	5408684.3	10822.00000	322.44	99.58	48.831115	-86.929528	56018.23	56250.9	-0.95	56017.28	56019.46875	55974.22125	55979.99609	505171.9	5408684.3
L5180.0	505171.9	5408681.5	10822.00000	322.44	99.58	48.831090	-86.929528	56018.71	56250.9	-0.95	56017.76	56019.93750	55976.07143	55981.72266	505171.9	5408681.5
L5180.0	505171.9	5408681.5	10822.20020	321.90	107.22	48.831090	-86.929528	56019.14	56251	-0.95	56018.19	56020.35938	55976.50029	55982.03125	505171.9	5408681.5
L5180.0	505171.9	5408680.1	10822.29981	322.79	107.26	48.831077	-86.929528	56019.64	56251	-0.95	56018.69	56020.85156	55978.13589	55983.54297	505171.9	5408680.1
L5180.0	505171.9	5408678.9	10822.40039	322.00	107.26	48.831066	-86.929528	56020.18	56251	-0.95	56019.23	56021.38281	55980.32304	55985.60938	505171.9	5408678.9
L5180.0	505171.9	5408678.9	10822.50000	322.98	108.14	48.831066	-86.929528	56020.64	56251	-0.96	56019.68	56021.82422	55980.25799	55985.42188	505171.9	5408678.9
L5180.0	505171.9	5408677.4	10822.59961	321.63	107.76	48.831053	-86.929528	56021.16	56251	-0.96	56020.21	56022.34766	55981.62795	55986.66797	505171.9	5408677.4
L5180.0	505171.9	5408675.7	10822.70020	320.87	107.76	48.831038	-86.929528	56021.70	56251	-0.96	56020.74	56022.87109	55982.70832	55987.62891	505171.9	5408675.7
L5180.0	505171.9	5408674.3	10822.79981	320.89	105.7	48.831025	-86.929528	56022.30	56251	-0.96	56021.34	56023.46484	55985.00453	55989.80078	505171.9	5408674.3
L5180.0	505171.9	5408672.9	10822.90039	321.85	107.29	48.831012	-86.929528	56022.81	56251	-0.96	56021.85	56023.96484	55985.10000	55989.77734	505171.9	5408672.9
L5180.0	505171.9	5408671.4	10823.00000	321.50	107.43	48.830999	-86.929528	56023.41	56251	-0.96	56022.45	56024.55859	55986.85496	55991.41016	505171.9	5408671.4
L5180.0	505171.9	5408670.4	10823.09961	321.18	107.43	48.830990	-86.929528	56023.89	56251	-0.96	56022.94	56025.04297	55986.00774	55990.44141	505171.9	5408670.4
L5180.0	505171.9	5408669.3	10823.20020	322.59	107.85	48.830980	-86.929528	56024.57	56251	-0.96	56023.62	56025.71875	55988.97065	55993.28516	505171.9	5408669.3
L5180.0	505171.9	5408668.0	10823.29981	323.33	108.54	48.830968	-86.929528	56025.14	56251	-0.96	56024.18	56026.27344	55989.13839	55993.33203	505171.9	5408668.0
L5180.0	505171.9	5408668.0	10823.40039	322.43	109.26	48.830968	-86.929528	56025.79	56251	-0.96	56024.83	56026.91797	55991.00677	55995.08203	505171.9	5408668.0
L5180.0	505171.9	5408666.5	10823.50000	321.80	109.06	48.830955	-86.929528	56026.38	56251	-0.96	56025.42	56027.50000	55991.37930	55995.33594	505171.9	5408666.5
L5180.0	505171.9	5408664.6	10823.59961	321.85	109.06	48.830938	-86.929528	56027.04	56251	-0.95	56026.08	56028.15625	55993.05531	55996.89453	505171.9	5408664.6
L5180.0	505171.9	5408664.6	10823.70020	322.18	108.19	48.830938	-86.929528	56027.69	56251	-0.95	56026.74	56028.81250	55994.55800	55998.28125	505171.9	5408664.6
L5180.0	505171.9	5408663.2	10823.79981	320.79	107.14	48.830925	-86.929528	56028.34	56251	-0.95	56027.39	56029.45703	55995.68853	55999.29688	505171.9	5408663.2
L5180.0	505171.9	5408661.7	10823.90039	320.43	107.14	48.830911	-86.929528	56028.98	56251	-0.95	56028.03	56030.09375	55996.46224	55999.95313	505171.9	5408661.7
L5180.0	505171.9	5408660.1	10824.00000	321.50	108.07	48.830897	-86.929528	56029.66	56250.9	-0.95	56028.71	56030.76953	55997.98725	56001.36328	505171.9	5408660.1
L5180.0	505171.9	5408658.8	10824.00000	321.50	108.51	48.830886	-86.929529	56030.32	56250.9	-0.95	56029.37	56031.42578	55998.97831	56002.24219	505171.9	5408658.8
L5180.0	505171.9	5408657.8	10824.20020	322.53	112.78	48.830877	-86.929529	56030.98	56250.9	-0.95	56030.03	56032.08203	55999.89081	56003.04297	505171.9	5408657.8
L5180.0	505171.8	5408656.6	10824.29981	322.25	113.3	48.830866	-86.929529	56031.71	56250.9	-0.94	56030.77	56032.81641	56002.49077	56005.53125	505171.8	5408656.6

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5180.0	505171.8	5408655.1	10824.40039	323.40	113.3	48.830852	-86.929530	56032.39	56250.9	-0.94	56031.45	56033.49219	56003.73241	56006.66016	505171.8	5408655.1
L5180.0	505171.8	5408653.7	10824.50000	326.54	113.16	48.830840	-86.929530	56033.10	56250.9	-0.94	56032.16	56034.19922	56005.57880	56008.39844	505171.8	5408653.7
L5180.0	505171.8	5408653.7	10824.59961	325.90	113.16	48.830840	-86.929530	56033.84	56250.9	-0.94	56032.90	56034.93750	56008.01841	56010.73047	505171.8	5408653.7
L5180.0	505171.8	5408652.0	10824.70020	325.29	111.11	48.830824	-86.929530	56034.52	56250.9	-0.94	56033.58	56035.61328	56009.11456	56011.71875	505171.8	5408652.0
L5180.0	505171.7	5408650.7	10824.79981	324.38	110.46	48.830813	-86.929531	56035.23	56250.9	-0.93	56034.29	56036.32031	56010.80394	56013.30078	505171.7	5408650.7
L5180.0	505171.7	5408649.3	10824.90039	324.27	110.46	48.830800	-86.929531	56035.88	56250.9	-0.93	56034.95	56036.98047	56011.39177	56013.78516	505171.7	5408649.3
L5180.0	505171.7	5408647.8	10825.00000	323.70	113.53	48.830787	-86.929531	56036.59	56250.9	-0.93	56035.66	56037.68750	56012.99028	56015.27734	505171.7	5408647.8
L5180.0	505171.7	5408646.6	10825.09961	324.85	112.24	48.830776	-86.929532	56037.31	56250.9	-0.93	56036.37	56038.39453	56014.54129	56016.72656	505171.7	5408646.6
L5180.0	505171.7	5408645.6	10825.20020	324.52	113.47	48.830766	-86.929532	56038.03	56250.9	-0.93	56037.10	56039.12109	56016.45749	56018.54297	505171.7	5408645.6
L5180.0	505171.6	5408644.3	10825.29981	322.99	113.47	48.830755	-86.929532	56038.79	56250.9	-0.94	56037.86	56039.87891	56018.94094	56020.92578	505171.6	5408644.3
L5180.0	505171.6	5408644.3	10825.40039	319.56	113.29	48.830755	-86.929532	56039.42	56250.9	-0.94	56038.48	56040.49609	56018.55226	56020.44141	505171.6	5408644.3
L5180.0	505171.6	5408642.7	10825.50000	318.03	112.97	48.830741	-86.929532	56040.16	56250.9	-0.94	56039.22	56041.23438	56020.57398	56022.36328	505171.6	5408642.7
L5180.0	505171.6	5408641.5	10825.59961	317.86	112.97	48.830729	-86.929533	56040.89	56250.9	-0.94	56039.95	56041.96484	56022.37396	56024.07031	505171.6	5408641.5
L5180.0	505171.6	5408640.1	10825.70020	315.20	111.03	48.830717	-86.929533	56041.53	56250.9	-0.94	56040.58	56042.58984	56022.16772	56023.76953	505171.6	5408640.1
L5180.0	505171.6	5408638.6	10825.79981	314.45	110.24	48.830704	-86.929533	56042.26	56250.9	-0.95	56041.31	56043.32031	56023.95900	56025.46875	505171.6	5408638.6
L5180.0	505171.5	5408637.6	10825.90039	315.16	109.72	48.830695	-86.929533	56042.94	56250.9	-0.95	56041.99	56044.00000	56024.76025	56026.17969	505171.5	5408637.6
L5180.0	505171.5	5408636.2	10826.00000	317.03	109.72	48.830682	-86.929534	56043.63	56250.9	-0.95	56042.68	56044.68750	56025.77503	56027.10547	505171.5	5408636.2
L5180.0	505171.5	5408634.7	10826.00000	317.03	111.89	48.830669	-86.929534	56044.33	56250.9	-0.95	56043.38	56045.38672	56027.01304	56028.25781	505171.5	5408634.7
L5180.0	505171.5	5408633.5	10826.20020	321.82	111.89	48.830658	-86.929535	56045.02	56251	-0.95	56044.06	56046.06250	56027.88286	56029.03906	505171.5	5408633.5
L5180.0	505171.5	5408633.5	10826.29981	324.32	115.86	48.830658	-86.929535	56045.66	56251	-0.95	56044.70	56046.70313	56027.98371	56029.05859	505171.5	5408633.5
L5180.0	505171.4	5408631.6	10826.40039	324.19	115.86	48.830641	-86.929535	56046.38	56251	-0.95	56045.43	56047.42969	56029.95922	56030.94922	505171.4	5408631.6
L5180.0	505171.4	5408630.1	10826.50000	324.92	113.87	48.830627	-86.929535	56047.07	56251	-0.96	56046.11	56048.10938	56030.98664	56031.89844	505171.4	5408630.1
L5180.0	505171.4	5408630.1	10826.59961	322.85	115.31	48.830627	-86.929535	56047.74	56251	-0.96	56046.79	56048.78906	56032.09119	56032.92188	505171.4	5408630.1
L5180.0	505171.4	5408628.7	10826.70020	321.16	107.53	48.830614	-86.929535	56048.40	56251	-0.96	56047.45	56049.44922	56032.86991	56033.62500	505171.4	5408628.7
L5180.0	505171.4	5408627.0	10826.79981	322.51	107.53	48.830599	-86.929536	56049.09	56251	-0.96	56048.13	56050.12500	56034.17490	56034.85547	505171.4	5408627.0
L5180.0	505171.4	5408625.7	10826.90039	323.58	113.31	48.830588	-86.929536	56049.70	56251	-0.96	56048.74	56050.73438	56034.10176	56034.70703	505171.4	5408625.7
L5180.0	505171.4	5408624.3	10827.00000	323.83	113.31	48.830575	-86.929536	56050.38	56251	-0.96	56049.42	56051.41406	56035.65806	56036.19141	505171.4	5408624.3
L5180.0	505171.4	5408623.1	10827.09961	325.85	111.13	48.830564	-86.929536	56050.96	56251	-0.96	56050.00	56051.99219	56035.17779	56035.64063	505171.4	5408623.1
L5180.0	505171.4	5408622.2	10827.20020	326.22	110.97	48.830556	-86.929536	56051.64	56251	-0.95	56050.69	56052.68359	56037.25631	56037.65234	505171.4	5408622.2
L5180.0	505171.4	5408620.9	10827.29981	327.51	110.97	48.830544	-86.929536	56052.31	56251	-0.95	56051.35	56053.34375	56038.84697	56039.17578	505171.4	5408620.9
L5180.0	505171.3	5408619.5	10827.40039	326.01	113.17	48.830532	-86.929536	56052.88	56250.9	-0.95	56051.93	56053.92188	56038.82735	56039.08984	505171.3	5408619.5
L5180.0	505171.3	5408619.5	10827.50000	323.15	113.63	48.830532	-86.929536	56053.49	56250.9	-0.94	56052.55	56054.53906	56039.86530	56040.06641	505171.3	5408619.5
L5180.0	505171.3	5408617.8	10827.59961	321.91	113.63	48.830516	-86.929536	56054.15	56250.9	-0.94	56053.21	56055.19922	56041.96600	56042.10547	505171.3	5408617.8
L5180.0	505171.3	5408616.8	10827.70020	321.94	112.93	48.830507	-86.929537	56054.73	56250.9	-0.94	56053.79	56055.77734	56042.44569	56042.52344	505171.3	5408616.8
L5180.0	505171.3	5408615.1	10827.79981	324.13	113.73	48.830492	-86.929537	56055.38	56250.9	-0.94	56054.45	56056.43750	56044.87455	56044.89453	505171.3	5408615.1
L5180.0	505171.3	5408613.6	10827.90039	322.84	111.88	48.830479	-86.929537	56056.00	56250.9	-0.93	56055.06	56057.04688	56046.34792	56046.31250	505171.3	5408613.6
L5180.0	505171.3	5408612.6	10828.00000	324.21	111.88	48.830470	-86.929537	56056.52	56250.9	-0.93	56055.59	56057.57422	56046.20960	56046.12109	505171.3	5408612.6
L5180.0	505171.3	5408611.1	10828.00000	324.21	113.7	48.830457	-86.929537	56057.11	56250.9	-0.93	56056.18	56058.16406	56047.56261	56047.42188	505171.3	5408611.1
L5180.0	505171.3	5408609.9	10828.20020	319.48	101.05	48.830446	-86.929537	56057.69	56250.9	-0.93	56056.76	56058.74219	56048.85303	56048.66016	505171.3	5408609.9
L5180.0	505171.3	5408608.9	10828.29981	317.31	101.05	48.830436	-86.929537	56058.27	56250.9	-0.93	56057.34	56059.32422	56050.30115	56050.06250	505171.3	5408608.9
L5180.0	505171.3	5408607.7	10828.40039	319.06	115.28	48.830426	-86.929537	56058.78	56250.9	-0.93	56057.85	56059.83203	56050.38580	56050.09766	505171.3	5408607.7
L5180.0	505171.3	5408606.3	10828.50000	321.20	116.12	48.830413	-86.929537	56059.36	56250.9	-0.93	56058.43	56060.41016	56052.15318	56051.82031	505171.3	5408606.3
L5180.0	505171.3	5408606.3	10828.59961	322.04	115.92	48.830413	-86.929537	56059.82	56250.9	-0.93	56058.89	56060.86719	56051.49277	56051.11719	505171.3	5408606.3
L5180.0	505171.3	5408604.0	10828.70020	321.81	115.92	48.830393	-86.929537	56060.37	56250.9	-0.93	56059.44	56061.41797	56052.93575	56052.51953	505171.3	5408604.0
L5180.0	505171.3	5408604.0	10828.79981	320.33	114.41	48.830393	-86.929537	56060.88	56250.9	-0.93	56059.95	56061.92578	56053.68333	56053.22656	505171.3	5408604.0
L5180.0	505171.4	5408602.0	10828.90039	318.64	114.03	48.830374	-86.929536	56061.38	56250.9	-0.93	56060.45	56062.42578	56054.38227	56053.88672	505171.4	5408602.0
L5180.0	505171.4	5408601.0	10829.00000	317.22	114.03	48.830366	-86.929536	56061.84	56250.9	-0.93	56060.91	56062.88281	56054.39900	56053.86719	505171.4	5408601.0
L5180.0	505171.4	5408599.3	10829.09961	319.37	115.64	48.830350	-86.929536	56062.24	56250.9	-0.93	56061.31	56063.28125	56053.31840	56052.75000	505171.4	5408599.3
L5180.0	505171.4	5408599.3	10829.20020	321.57	116.81	48.830350	-86.929536	56062.75	56250.9	-0.93	56061.82	56063.78906	56054.72562	56054.12500	505171.4	5408599.3
L5180.0	505171.5	5408597.9	10829.29981	322.55	116.55	48.830338	-86.929535	56063.23	56250.9	-0.93	56062.30	56064.26953	56055.66234	56055.03125	505171.5	5408597.9
L5180.0	505171.5	5408596.5	10829.40039	322.13	116.55	48.830325	-86.929535	56063.63	56250.9	-0.93	56062.70	56064.66797	56055.08455	56054.42188	505171.5	5408596.5
L5180.0	505171.6	5408594.8	10829.50000	322.46	115.2	48.830310	-86.929534	56064.09	56250.9	-0.93	56063.16	56065.12500	56055.92775	56055.23828	505171.6	5408594.8
L5180.0	505171.6	5408593.7	10829.59961	323.19	115.2	48.830299	-86.929533	56064.52	56250.9	-0.93	56063.59	56065.55469	56056.30438	56055.58594	505171.6	5408593.7
L5180.0	505171.6	5408592.3	10829.70020	321.95	116.92	48.830287	-86.929533	56064.93	56250.9	-0.93	56064.00	56065.96094	56056.42321	56055.67969	505171.6	5408592.3
L5180.0	505171.6	5408592.3	10829.79981	321.80	117.82	48.830287	-86.929533	56065.38	56250.9	-0.93	56064.45	56066.41016	56057.53993	56056.77344	505171.6	5408592.3
L5180.0	505171.7	5408590.8	10829.90039	320.42	115.93	48.830274	-86.929532	56065.78	56250.9	-0.93	56064.85	56066.80859	56057.76835	56056.98047	505171.7	5408590.8
L5180.0	505171.7	5408589.2	10830.00000	320.03	115.93	48.830259	-86.929531	56066.12	56250.9	-0.93	56065.19	56067.14453	56056.88921	56056.07813	505171.7	5408589.2
L5180.0	505171.8	5408588.3	10830.00000	320.03	115.76	48.830251	-86.929531	56066.48	56250.9	-0.93	56065.55	56067.50391	56056.58076	56055.75000	505171.8	5408588.3
L5180.0	505171.8	5408587.1	10830.20020	322.02	115.76	48.830240	-86.929531	56066.95	56250.9	-0.93	56066.02	56067.97266	56058.76661	56057.91797	505171.8	5408587.1
L5180.0	505171.8	5408585.7	10830.29981	320.89	116.41	48.830228	-86.929530	56067.27	56250.9	-0.92	56066.35	56068.30078	56058.13078	56057.26563	505171.8	5408585.7
L5180.0	505171.9	5408584.3	10830.40039	320.66	116.56	48.830216	-86.929530	56067.71	56250.9	-0.92	56066.79	56068.73828	56060.02227	56059.14453	505171.9	5408584.3
L5180.0	505171.9	5408584.3	10830.50000	320.89	117.78	48.830216	-86.929530	56068.01	56250.9	-0.92	56067.09	56069.03516	56059.04887	56058.15625	505171.9	5408584.3
L5180.0	505171.9	5408582.5	10830.59961	321.35	119.07	48.830199	-86.929529	56068.39	56250.9	-0.92	56067.47	56069.41016	56059.98149	56059.07813	505171.9	5408582.5
L5180.0	505171.9	5408581.0	10830.70020	322.54	119.07	48.830185	-86.929529	56068.77	56250.9	-0.92	56067.85	56069.78906	56061.09496	56060.17969	505171.9	5408581.0
L5180.0	505171.9	5408581.0	10830.79981	323.76	119.07	48.830185	-86.929529	56069.10	56250.9	-0.91	56068.18	56070.11719	56061.27405	56060.34766	505171.9	5408581.0
L5180.0	505172.0	5408578.4	10830.90039	322.15	119.07	48.830162	-86.929528	56069.37	56250.9	-0.91	56068.45	56070.38281	56060.26862	56059.33594	505172.0	5408578.4
L5180.0	505172.0	5408578.4	10831.00000	321.46	115.44	48.830162	-86.929528	56069.76	56250.9	-0.91	56068.85	56070.78125	56062.38009	56061.44141	505172.0	5408578.4
L5180.0	505172.0	5408576.5	10831.09961	321.74	114.75	48.830145	-86.929528	56070.03	56250.9	-0.91	56069.11	56071.03516	56061.48262	56060.53906	505172.0	5408576.5
L5180.0	505172.0	5408576.5	10831.20020	322.61	114.75	48.830145	-86.929528	56070.34	56250.9	-0.92	56069.42	56071.34375	56061.90236	56060.95313	505172.0	5408576.5
L5180.0	505172.0	5408575.1	10831.29981	325.38	115.37	48.830132	-86.929528	56070.66	56250.9	-0.92	56069.74	56071.66016	56062.73544	56061.78125	505172.0	5408575.1
L5180.0	505172.0	5408573.4	10831.40039	326.49	116.33	48.830117	-86.929528	56070.94	56250.9	-0.93	56070.01	56071.92578	56062.58659	56061.62891	505172.0	5408573.4
L5180.0	505172.0	5408571.7	10831.50000	327.74	116.33	48.830102	-86.929528	56071.24	56250.9	-0.93	56070.31	56072.22266	56063.31201	56062.35547	505172.0	5408571.7
L5180.0	505172.0	5408571.7	10831.59961	327.16	114.91	48.830102	-86.929528	56071.50	56250.9	-0.93	56070.56	56072.46875	56063.04115	56062.08203	505172.0	5408571.7
L5180.0	505172.0	5408569.3	10831.70020	327.48	114.91	48.830080	-86.929528	56071.78	56250.9	-0.94	56070.84	56072.74219	56063.64395	56062.68750	505172.0	5408569.3
L5180.0	505172.0	5408569.3	10831.79981	328.88	113.88	48.830080	-86.929528	56072.03	56250.9	-0.94	56071.09	56072.98828	56063.71220	56062.75781	505172.0	5408569.3
L5180.0	505172.0	5408567.5	10831.90039	325.85	114.28	48.830064	-86.929528	56072.34	56250.9	-0.95	56071.39	56073.28516	56065.12446	56064.17188	505172.0	5408567.5
L5180.0	505172.0	5408566.3	10832.00000	325.15	114.62	48.830054	-86.929528	56072.54	56250.9	-0.95	56071.59	56073.48047	56064.35110	56063.40234	505172.0	5408566.3
L5180.0	505172.0	5408564.8	10832.00000	325.15	114.62	48.830040	-86.929528	56072.77	56250.9	-0.95	56071.82	56073.70703	56064.44756	56063.50391	505172.0	5408564.8
L5180.0	505172.0	5408562.9	10832.20020	324.12	116.07	48.830023	-86.929528	56073.02	56250.9	-0.95	56072.07	56073.94922	56065.17559	56064.23828	505172.0	5408562.9
L5180.0	505172.0	5408561.8	10832.29981	321.49	116.07	48.830013	-86.929528	56073.27	56250.9	-0.95	56072.33	56074.20703	56066.29596	56065.36719	505172.0	5408561.8
L5180.0	505172.0	5408561.8	10832.40039	321.31	116.07	48.830013	-86.929528	56073.47	56250.9	-0.95	56072.52	56074.39063	56065.93089	56065.00781	505172.0	5408561.8
L5180.0	505172.0	5408560.3	10832.50000	321.95	116.07	48.829999	-86.929528	56073.68	56250.9	-0.94	56072.73	56074.59375	56066.18854	56065.27344	505172.0	5408560.3
L5180.0	505172.0	5408560.3	10832.59961	322.19	116.07	48.829999	-86.929528	56073.90	56250.9	-0.94	56072.95	56074.80859	56066.82933	56065.92578	505172.0	5408560.3
L5180.0	505172.0	5408558.2	10832.70020	323.27	116.07	48.829981	-86.929528	56074.06	56250.9	-0.94	56073.11	56074.96484	56066.21969	56065.32422	505172.0	5408558.2
L5180.0	505172.0	5408556.6	10832.79981	324.06	116.07	48.829966	-86.929529	56074.23	56250.9	-0.94	56073.29	56075.14063	56066.22085	56065.33594	505172.0	5408556.6
L5180.0	505172.0	5408554.9	10832.90039	325.28	116.07	48.829951	-86.929529	56074.43	56250.9	-0.94	56073.49	56075.33203	56066.82554	56065.95313	505172.0	5408554.9
L5180.0	505171.9	5408553.7	10833.00000	325.59	116.07	48.829940	-86.929529	56074.58	56250.9	-0.94	56073.64	56075.47656	56066.40829	56065.54688	505171.9	5408553.7
L5180.0	505171.9	5408552.2	10833.09961	316.50	116.07	48.829927	-86.929529	56074.76	56250.9	-0.94	56073.82	56075.65234	56066.81875	56065.96875	505171.9	5408552.2
L5180.0	505171.9	5408552.2	10833.20020	316.39	116.07	48.829927	-86.929529	56074.96	56250.9	-0.94	56074.03	56075.85547	56068.05259	56067.21875	505171.9	5408552.2
L5180.0	505171.9	5408550.5	10833.29981	326.60	116.93	48.829912	-86.929530	56075.09	56250.9	-0.94	56074.16	56075.97656	56067.56569	56066.74609	505171.9	5408550.5
L5180.0	505171.9	5408549.0	10833.40039	326.01	116.93	48.829898	-86.929530	56075.19	56250.9	-0.94	56074.25	56076.06250	56066.27930	56065.47266	505171.9	5408549.0
L5180.0	505171.9	5408549.0	10833.50000	324.79	117.29	48.829898	-86.929530	56075.37	56250.9	-0.93	56074.44	56076.24609	56067.43346	56066.64453	505171.9	5408549.0
L5180.0	505171.9	5408547.9	10833.59961	327.26	117.29	48.829888	-86.929530	56075.54	56250.9	-0.93	56074.61	56076.40625	56068.25073	56067.47656	505171.9	5408547.9

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5180.0	505171.9	5408546.4	10833.70020	324.44	117.42	48.829874	-86.929530	56075.63	56250.9	-0.93	56074.69	56076.48047	56067.10283	56066.34375	505171.9	5408546.4
L5180.0	505171.9	5408545.0	10833.79981	325.31	117.42	48.829862	-86.929530	56075.75	56250.9	-0.93	56074.82	56076.60547	56067.23694	56066.49609	505171.9	5408545.0
L5180.0	505171.9	5408543.5	10833.90039	324.71	117.42	48.829848	-86.929530	56075.88	56250.9	-0.93	56074.94	56076.71484	56067.25934	56066.53516	505171.9	5408543.5
L5180.0	505171.9	5408543.5	10834.00000	324.02	116.6	48.829848	-86.929530	56075.95	56250.9	-0.93	56075.01	56076.77734	56066.23885	56065.53125	505171.9	5408543.5
L5180.0	505171.9	5408541.4	10834.00000	324.02	116.6	48.829829	-86.929530	56076.08	56250.9	-0.93	56075.15	56076.91016	56066.96218	56066.27344	505171.9	5408541.4
L5180.0	505171.9	5408539.9	10834.20020	322.38	113.88	48.829816	-86.929530	56076.15	56250.9	-0.93	56075.22	56076.97266	56066.17672	56065.50781	505171.9	5408539.9
L5180.0	505171.9	5408538.4	10834.29981	321.83	114.99	48.829802	-86.929530	56076.28	56250.9	-0.93	56075.35	56077.09375	56066.89469	56066.24219	505171.9	5408538.4
L5180.0	505171.9	5408538.4	10834.40039	321.99	114.99	48.829802	-86.929530	56076.36	56250.9	-0.93	56075.42	56077.15625	56066.33620	56065.70313	505171.9	5408538.4
L5180.0	505171.9	5408536.7	10834.50000	324.41	117.06	48.829787	-86.929530	56076.45	56250.9	-0.93	56075.52	56077.25000	56066.57256	56065.96094	505171.9	5408536.7
L5180.0	505171.9	5408535.0	10834.59961	325.13	117.06	48.829772	-86.929530	56076.56	56250.9	-0.94	56075.62	56077.33984	56066.90366	56066.31250	505171.9	5408535.0
L5180.0	505171.9	5408535.0	10834.70020	323.34	117.06	48.829772	-86.929530	56076.61	56250.9	-0.94	56075.67	56077.38281	56066.18831	56065.61719	505171.9	5408535.0
L5180.0	505171.9	5408533.6	10834.79981	322.72	117.06	48.829759	-86.929530	56076.69	56250.9	-0.94	56075.75	56077.45313	56066.24471	56065.69531	505171.9	5408533.6
L5180.0	505171.9	5408532.3	10834.90039	323.19	117.06	48.829748	-86.929530	56076.71	56250.9	-0.94	56075.77	56077.46484	56065.03439	56064.50391	505171.9	5408532.3
L5180.0	505171.9	5408530.9	10835.00000	323.21	117.06	48.829735	-86.929530	56076.76	56250.9	-0.94	56075.82	56077.50781	56064.58529	56064.07813	505171.9	5408530.9
L5180.0	505171.9	5408529.4	10835.09961	322.07	117.06	48.829721	-86.929530	56076.84	56250.9	-0.94	56075.90	56077.57813	56064.88229	56064.39844	505171.9	5408529.4
L5180.0	505171.9	5408527.7	10835.20020	322.99	117.06	48.829706	-86.929530	56076.89	56250.9	-0.94	56075.95	56077.61719	56064.58065	56064.11719	505171.9	5408527.7
L5180.0	505171.9	5408526.7	10835.29981	322.02	117.06	48.829697	-86.929530	56076.98	56250.9	-0.94	56076.05	56077.70703	56065.44985	56065.00781	505171.9	5408526.7
L5180.0	505171.9	5408525.4	10835.40039	322.30	117.06	48.829686	-86.929530	56077.04	56250.9	-0.94	56076.10	56077.75000	56065.27348	56064.85547	505171.9	5408525.4
L5180.0	505171.9	5408524.2	10835.50000	321.49	117.06	48.829675	-86.929530	56077.12	56250.9	-0.93	56076.18	56077.82031	56065.81148	56065.41406	505171.9	5408524.2
L5180.0	505171.9	5408522.8	10835.59961	320.97	117.06	48.829662	-86.929530	56077.12	56250.9	-0.93	56076.18	56077.80859	56064.65306	56064.27734	505171.9	5408522.8
L5180.0	505171.9	5408522.8	10835.70020	322.66	117.06	48.829662	-86.929530	56077.21	56250.9	-0.93	56076.28	56077.89844	56065.72349	56065.37109	505171.9	5408522.8
L5180.0	505171.9	5408521.6	10835.79981	321.34	117.06	48.829651	-86.929530	56077.27	56250.9	-0.93	56076.33	56077.94141	56065.74700	56065.41797	505171.9	5408521.6
L5180.0	505171.9	5408520.1	10835.90039	322.23	117.06	48.829638	-86.929531	56077.34	56250.9	-0.93	56076.41	56078.01172	56066.45793	56066.15234	505171.9	5408520.1
L5180.0	505171.9	5408518.7	10836.00000	321.83	117.06	48.829625	-86.929531	56077.37	56250.9	-0.93	56076.44	56078.03125	56066.12235	56065.83984	505171.9	5408518.7
L5180.0	505171.8	5408517.7	10836.00000	321.83	117.06	48.829616	-86.929531	56077.42	56250.9	-0.93	56076.49	56078.07031	56066.25015	56065.99219	505171.8	5408517.7
L5180.0	505171.8	5408516.5	10836.20020	322.38	117.06	48.829605	-86.929531	56077.39	56250.9	-0.93	56076.46	56078.02734	56064.68393	56064.44922	505171.8	5408516.5
L5180.0	505171.8	5408515.2	10836.29981	321.48	117.06	48.829594	-86.929531	56077.46	56250.9	-0.94	56076.53	56078.08984	56065.29428	56065.08203	505171.8	5408515.2
L5180.0	505171.8	5408515.2	10836.40039	321.91	117.06	48.829594	-86.929531	56077.49	56250.9	-0.94	56076.55	56078.09766	56064.84943	56064.66016	505171.8	5408515.2
L5180.0	505171.8	5408513.6	10836.50000	321.14	117.06	48.829579	-86.929531	56077.52	56250.9	-0.94	56076.58	56078.11719	56064.63693	56064.47266	505171.8	5408513.6
L5180.0	505171.8	5408513.6	10836.59961	321.51	117.06	48.829579	-86.929531	56077.56	56250.9	-0.94	56076.62	56078.14844	56064.65350	56064.51172	505171.8	5408513.6
L5180.0	505171.8	5408510.9	10836.70020	322.80	114.14	48.829555	-86.929532	56077.57	56250.9	-0.94	56076.63	56078.14453	56064.03379	56063.91797	505171.8	5408510.9
L5180.0	505171.8	5408509.7	10836.79981	320.84	114.14	48.829544	-86.929532	56077.65	56250.9	-0.95	56076.70	56078.20313	56064.71673	56064.62500	505171.8	5408509.7
L5180.0	505171.8	5408508.2	10836.90039	321.77	114.2	48.829531	-86.929532	56077.68	56250.9	-0.95	56076.73	56078.22266	56064.54185	56064.47266	505171.8	5408508.2
L5180.0	505171.8	5408507.0	10837.00000	320.70	116.22	48.829520	-86.929532	56077.72	56250.9	-0.95	56076.77	56078.25391	56064.58665	56064.54297	505171.8	5408507.0
L5180.0	505171.8	5408505.6	10837.09961	320.59	116.07	48.829507	-86.929532	56077.70	56251	-0.95	56076.75	56078.22266	56063.32673	56063.30469	505171.8	5408505.6
L5180.0	505171.8	5408504.4	10837.20020	321.83	116.07	48.829496	-86.929532	56077.72	56251	-0.95	56076.77	56078.23047	56062.93345	56062.93750	505171.8	5408504.4
L5180.0	505171.8	5408503.2	10837.29981	323.11	116.07	48.829485	-86.929532	56077.80	56251	-0.95	56076.84	56078.28906	56063.63149	56063.66016	505171.8	5408503.2
L5180.0	505171.8	5408503.2	10837.40039	323.71	116.07	48.829485	-86.929532	56077.85	56251	-0.95	56076.89	56078.32813	56063.89007	56063.94141	505171.8	5408503.2
L5180.0	505171.8	5408501.4	10837.50000	322.96	116.69	48.829470	-86.929532	56077.88	56251	-0.96	56076.92	56078.34766	56063.70393	56063.77734	505171.8	5408501.4
L5180.0	505171.8	5408501.4	10837.59961	323.11	117.03	48.829470	-86.929532	56077.89	56251	-0.96	56076.94	56078.35547	56063.28921	56063.38672	505171.8	5408501.4
L5180.0	505171.8	5408499.3	10837.70020	322.86	117.42	48.829450	-86.929532	56077.92	56251	-0.96	56076.96	56078.36328	56062.86474	56062.98828	505171.8	5408499.3
L5180.0	505171.8	5408497.6	10837.79981	322.63	117.42	48.829435	-86.929532	56077.95	56251	-0.96	56076.99	56078.38281	56062.65255	56062.80078	505171.8	5408497.6
L5180.0	505171.8	5408495.7	10837.90039	323.96	118.08	48.829418	-86.929531	56078.00	56251	-0.96	56077.04	56078.41797	56062.87656	56063.04688	505171.8	5408495.7
L5180.0	505171.8	5408495.7	10838.00000	323.91	118.21	48.829418	-86.929531	56078.02	56251	-0.96	56077.06	56078.42969	56062.42317	56062.61719	505171.8	5408495.7
L5180.0	505171.8	5408494.2	10838.00000	323.91	118.21	48.829405	-86.929531	56078.11	56251	-0.96	56077.15	56078.50781	56063.52148	56063.73828	505171.8	5408494.2
L5180.0	505171.8	5408493.0	10838.20020	324.46	118.21	48.829394	-86.929531	56078.11	56251	-0.96	56077.15	56078.49609	56062.59878	56062.83984	505171.8	5408493.0
L5180.0	505171.9	5408492.0	10838.29981	325.21	118.21	48.829385	-86.929531	56078.15	56251	-0.95	56077.19	56078.52344	56062.55547	56062.82031	505171.9	5408492.0
L5180.0	505171.9	5408490.6	10838.40039	323.08	118.21	48.829373	-86.929531	56078.16	56251	-0.95	56077.20	56078.51953	56061.82777	56062.11719	505171.9	5408490.6
L5180.0	505171.9	5408489.7	10838.50000	324.24	118.21	48.829364	-86.929531	56078.20	56250.9	-0.95	56077.25	56078.55859	56061.97464	56062.28516	505171.9	5408489.7
L5180.0	505171.9	5408488.5	10838.59961	323.16	118.21	48.829353	-86.929531	56078.20	56250.9	-0.95	56077.25	56078.54688	56060.98637	56061.32031	505171.9	5408488.5
L5180.0	505171.9	5408487.0	10838.70020	323.25	118.21	48.829340	-86.929530	56078.28	56250.9	-0.95	56077.33	56078.61328	56061.75221	56062.10938	505171.9	5408487.0
L5180.0	505171.9	5408485.6	10838.79981	324.38	118.21	48.829327	-86.929530	56078.30	56250.9	-0.94	56077.35	56078.62500	56061.15658	56061.53906	505171.9	5408485.6
L5180.0	505171.9	5408484.6	10838.90039	324.58	118.21	48.829319	-86.929530	56078.41	56250.9	-0.94	56077.46	56078.72266	56062.52307	56062.92969	505171.9	5408484.6
L5180.0	505172.0	5408483.2	10839.00000	322.28	118.21	48.829306	-86.929530	56078.40	56250.9	-0.94	56077.46	56078.71094	56061.41809	56061.84766	505172.0	5408483.2
L5180.0	505172.0	5408483.2	10839.09961	322.63	118.21	48.829306	-86.929530	56078.46	56250.9	-0.94	56077.52	56078.75781	56061.60245	56062.05469	505172.0	5408483.2
L5180.0	505172.0	5408481.7	10839.20020	321.58	118.21	48.829293	-86.929530	56078.54	56250.9	-0.94	56077.60	56078.82422	56062.18704	56062.66016	505172.0	5408481.7
L5180.0	505172.0	5408480.5	10839.29981	321.81	118.21	48.829282	-86.929530	56078.61	56250.9	-0.94	56077.67	56078.88281	56062.50620	56063.00391	505172.0	5408480.5
L5180.0	505172.0	5408479.1	10839.40039	322.22	118.21	48.829269	-86.929529	56078.64	56250.9	-0.94	56077.70	56078.90234	56061.89406	56062.41406	505172.0	5408479.1
L5180.0	505172.0	5408476.7	10839.50000	323.12	118.21	48.829247	-86.929529	56078.70	56250.9	-0.94	56077.76	56078.94922	56061.89750	56062.44141	505172.0	5408476.7
L5180.0	505172.0	5408476.7	10839.59961	323.17	118.21	48.829247	-86.929529	56078.74	56250.9	-0.94	56077.80	56078.97656	56061.40780	56061.97266	505172.0	5408476.7
L5180.0	505172.0	5408475.2	10839.70020	320.21	118.21	48.829234	-86.929529	56078.83	56250.9	-0.94	56077.89	56079.05469	56061.98362	56062.57031	505172.0	5408475.2
L5180.0	505172.0	5408474.4	10839.79981	318.56	118.21	48.829226	-86.929529	56078.91	56250.9	-0.94	56077.97	56079.12500	56062.29214	56062.90234	505172.0	5408474.4
L5180.0	505172.0	5408472.7	10839.90039	319.51	118.21	48.829212	-86.929530	56078.96	56250.9	-0.94	56078.02	56079.16406	56061.88168	56062.51172	505172.0	5408472.7
L5180.0	505172.0	5408471.5	10840.00000	319.55	130	48.829201	-86.929530	56079.08	56250.9	-0.94	56078.14	56079.26953	56063.01425	56063.66797	505172.0	5408471.5
L5180.0	505172.0	5408471.5	10840.00000	319.55	130	48.829201	-86.929530	56079.11	56250.9	-0.94	56078.17	56079.28906	56062.06952	56062.74609	505172.0	5408471.5
L5180.0	505172.0	5408469.8	10840.20020	321.89	130	48.829186	-86.929530	56079.24	56250.9	-0.94	56078.30	56079.40625	56063.37562	56064.07422	505172.0	5408469.8
L5180.0	505172.0	5408467.4	10840.29981	324.12	116.74	48.829164	-86.929530	56079.26	56250.9	-0.95	56078.32	56079.41406	56062.13016	56062.84766	505172.0	5408467.4
L5180.0	505172.0	5408467.4	10840.40039	323.79	118.98	48.829164	-86.929530	56079.39	56250.9	-0.95	56078.44	56079.52344	56063.15995	56063.90234	505172.0	5408467.4
L5180.0	505172.0	5408466.2	10840.50000	324.66	118.98	48.829153	-86.929530	56079.44	56250.9	-0.95	56078.49	56079.56250	56062.54580	56063.30859	505172.0	5408466.2
L5180.0	505172.0	5408465.0	10840.59961	324.75	117.01	48.829142	-86.929530	56079.52	56251	-0.95	56078.57	56079.63281	56062.60003	56063.38281	505172.0	5408465.0
L5180.0	505171.9	5408464.0	10840.70020	326.78	117.01	48.829133	-86.929530	56079.63	56251	-0.95	56078.67	56079.71875	56063.09567	56063.89844	505171.9	5408464.0
L5180.0	505171.9	5408462.5	10840.79981	327.28	117.01	48.829120	-86.929530	56079.72	56251	-0.96	56078.76	56079.79688	56063.33454	56064.16016	505171.9	5408462.5
L5180.0	505171.9	5408461.1	10840.90039	327.48	117.01	48.829107	-86.929530	56079.79	56251	-0.96	56078.83	56079.85547	56063.08191	56063.92969	505171.9	5408461.1
L5180.0	505171.9	5408459.7	10841.00000	326.59	117.01	48.829094	-86.929530	56079.90	56251	-0.96	56078.94	56079.95703	56063.74129	56064.60938	505171.9	5408459.7
L5180.0	505171.9	5408458.3	10841.09961	327.10	117.01	48.829082	-86.929530	56079.95	56251	-0.96	56078.99	56079.99609	56062.97461	56063.86328	505171.9	5408458.3
L5180.0	505171.9	5408457.0	10841.20020	325.35	117.01	48.829071	-86.929530	56080.07	56251	-0.96	56079.11	56080.10547	56063.81867	56064.72656	505171.9	5408457.0
L5180.0	505171.9	5408456.0	10841.29981	326.20	117.01	48.829062	-86.929530	56080.15	56251	-0.96	56079.19	56080.17188	56063.70145	56064.62891	505171.9	5408456.0
L5180.0	505171.9	5408456.0	10841.40039	323.12	117.01	48.829062	-86.929530	56080.25	56251	-0.96	56079.29	56080.26172	56064.02093	56064.96875	505171.9	5408456.0
L5180.0	505172.0	5408454.6	10841.50000	323.76	117.01	48.829049	-86.929530	56080.31	56251	-0.96	56079.35	56080.31250	56063.37957	56064.34766	505172.0	5408454.6
L5180.0	505172.0	5408453.1	10841.59961	323.72	117.01	48.829035	-86.929530	56080.40	56251	-0.96	56079.44	56080.39063	56063.39876	56064.38672	505172.0	5408453.1
L5180.0	505172.0	5408451.7	10841.70020	321.86	117.01	48.829023	-86.929530	56080.50	56251	-0.96	56079.54	56080.48047	56063.61018	56064.62109	505172.0	5408451.7
L5180.0	505172.0	5408450.2	10841.79981	321.18	117.01	48.829009	-86.929530	56080.61	56251	-0.96	56079.65	56080.57813	56064.01090	56065.03906	505172.0	5408450.2
L5180.0	505172.0	5408450.2	10841.90039	322.03	117.01	48.829009	-86.929530	56080.68	56251	-0.96	56079.72	56080.64063	56063.44512	56064.49219	505172.0	5408450.2
L5180.0	505172.0	5408448.4	10842.00000	321.72	117.01	48.828992	-86.929530	56080.84	56251	-0.96	56079.88	56080.78906	56064.91350	56065.98047	505172.0	5408448.4
L5180.0	505172.0	5408447.1	10842.00000	321.72	117.01	48.828981	-86.929529	56080.90	56251	-0.96	56079.94	56080.83984	56064.03015	56065.11719	505172.0	5408447.1
L5180.0	505172.0	5408445.7	10842.20020	317.06	117.01	48.828969	-86.929529	56080.96	56251	-0.96	56080.00	56080.89063	56063.10077	56064.20703	505172.0	5408445.7
L5180.0	505172.0	5408445.7	10842.29981	316.57	117.01	48.828969	-86.929529	56081.09	56251	-0.96	56080.13	56081.00781	56063.74853	56064.87500	505172.0	5408445.7
L5180.0	505172.1	5408444.3	10842.40039	319.57	117.01	48.828956	-86.929529	56081.16	56251	-0.96	56080.20	56081.07031	56062.95923	56064.10156	505172.1	5408444.3
L5180.0	505172.1	5408442.8	10842.50000	322.94	117.01	48.828942	-86.929529	56081.26	56251	-0.96	56080.31	56081.16797	56063.05872	56064.22266	505172.1	5408442.8
L5180.0	505172.1	5408441.4	10842.59961	324.25	117.01	48.828930	-86.929528	56081.38	56251	-0.95	56080.43	56081.28125	56063.35612	56064.53516	505172.1	5408441.4
L5180.0	505172.1	5408439.9	10842.70020	326.24	130	48.828916	-86.929528	56081.52	56251	-0.95	56080.57	56081.41016	56064.09410	56065.29297	505172.1	5408439.9
L5180.0	505172.1	5408438.8	10842.79981	326.45	130	48.828906	-86.929528	56081.64	56251	-0.95	56080.69	56081.52344	56064.33240	56065.55078	505172.1	5408438.8
L5180.0	505172.1	5408438.8	10842.90039	328.00	130	48.828906	-86.929528	56081.72	56251	-0.95	56080.77	56081.59375	56063.58976	56064.82422	505172.1	5408438.8

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5180.0	505172.1	5408437.0	10843.00000	327.91	130	48.828890	-86.929528	56081.84	56250.9	-0.95	56080.89	56081.70313	56063.77972	56065.03125	505172.1	5408437.0
L5180.0	505172.1	5408435.4	10843.09961	327.52	130	48.828876	-86.929528	56081.96	56250.9	-0.95	56081.02	56081.82422	56064.19788	56065.46875	505172.1	5408435.4
L5180.0	505172.1	5408434.2	10843.20020	326.19	130	48.828865	-86.929529	56082.08	56250.9	-0.95	56081.13	56081.92578	56064.12482	56065.41406	505172.1	5408434.2
L5180.0	505172.1	5408433.2	10843.29981	327.39	130	48.828856	-86.929529	56082.20	56250.9	-0.95	56081.25	56082.03906	56064.28798	56065.59375	505172.1	5408433.2
L5180.0	505172.1	5408431.5	10843.40039	328.22	130	48.828841	-86.929529	56082.30	56250.9	-0.95	56081.35	56082.12891	56063.96049	56065.28125	505172.1	5408431.5
L5180.0	505172.1	5408431.5	10843.50000	325.83	130	48.828841	-86.929529	56082.45	56250.9	-0.94	56081.50	56082.26953	56064.84779	56066.18750	505172.1	5408431.5
L5180.0	505172.0	5408429.6	10843.59961	326.36	130	48.828823	-86.929530	56082.58	56250.9	-0.94	56081.63	56082.39063	56065.24381	56066.60156	505172.0	5408429.6
L5180.0	505172.0	5408428.1	10843.70020	323.90	130	48.828810	-86.929530	56082.70	56250.9	-0.94	56081.76	56082.51563	56065.63430	56067.00781	505172.0	5408428.1
L5180.0	505172.0	5408426.8	10843.79981	323.96	130	48.828798	-86.929531	56082.83	56250.9	-0.94	56081.89	56082.63672	56066.01776	56067.40625	505172.0	5408426.8
L5180.0	505171.9	5408426.1	10843.90039	325.26	130	48.828792	-86.929531	56082.93	56250.9	-0.94	56081.99	56082.73047	56065.66606	56067.07031	505171.9	5408426.1
L5180.0	505171.9	5408424.6	10844.00000	321.88	130	48.828779	-86.929531	56083.08	56250.9	-0.94	56082.14	56082.87109	56066.51738	56067.93750	505171.9	5408424.6
L5180.0	505171.9	5408424.6	10844.00000	321.88	130	48.828779	-86.929531	56083.24	56250.9	-0.94	56082.30	56083.02344	56067.59586	56069.03125	505171.9	5408424.6
L5180.0	505171.9	5408422.4	10844.20020	323.61	130	48.828759	-86.929532	56083.34	56250.9	-0.94	56082.40	56083.11719	56067.21726	56068.67188	505171.9	5408422.4
L5180.0	505171.8	5408421.2	10844.29981	323.77	130	48.828748	-86.929532	56083.52	56250.9	-0.95	56082.57	56083.27734	56068.50027	56069.96875	505171.8	5408421.2
L5180.0	505171.8	5408419.7	10844.40039	324.43	130	48.828734	-86.929533	56083.59	56250.9	-0.95	56082.64	56083.34375	56067.37866	56068.86328	505171.8	5408419.7
L5180.0	505171.8	5408418.2	10844.50000	323.62	124.47	48.828721	-86.929533	56083.74	56250.9	-0.95	56082.79	56083.48438	56068.14402	56069.64453	505171.8	5408418.2
L5180.0	505171.8	5408418.2	10844.59961	323.09	118.94	48.828721	-86.929533	56083.87	56251	-0.95	56082.92	56083.60938	56068.41132	56069.92578	505171.8	5408418.2
L5180.0	505171.8	5408416.6	10844.70020	323.38	118.94	48.828707	-86.929533	56083.91	56251	-0.95	56082.96	56083.64063	56066.53263	56068.06250	505171.8	5408416.6
L5180.0	505171.8	5408415.3	10844.79981	323.56	118.94	48.828695	-86.929533	56084.10	56251	-0.96	56083.14	56083.81641	56067.93602	56069.48047	505171.8	5408415.3
L5180.0	505171.8	5408413.9	10844.90039	322.60	118.94	48.828682	-86.929533	56084.25	56251	-0.96	56083.29	56083.95703	56068.60760	56070.16406	505171.8	5408413.9
L5180.0	505171.8	5408412.0	10845.00000	323.36	118.94	48.828665	-86.929533	56084.37	56251	-0.96	56083.41	56084.07422	56068.55148	56070.12500	505171.8	5408412.0
L5180.0	505171.8	5408412.0	10845.09961	322.05	116.54	48.828665	-86.929533	56084.43	56251	-0.96	56083.47	56084.12500	56067.06138	56068.64844	505171.8	5408412.0
L5180.0	505171.8	5408410.7	10845.20020	323.02	115.01	48.828654	-86.929533	56084.63	56250.9	-0.95	56083.68	56084.33203	56069.09172	56070.69141	505171.8	5408410.7
L5180.0	505171.8	5408409.3	10845.29981	322.09	115.01	48.828641	-86.929533	56084.75	56250.9	-0.94	56083.81	56084.45703	56069.22055	56070.83594	505171.8	5408409.3
L5180.0	505171.8	5408407.9	10845.40039	323.01	116.36	48.828628	-86.929533	56084.88	56250.9	-0.94	56083.94	56084.57813	56069.33605	56070.96484	505171.8	5408407.9
L5180.0	505171.8	5408406.7	10845.50000	324.49	116.36	48.828618	-86.929533	56085.00	56250.9	-0.93	56084.07	56084.70313	56069.44017	56071.08203	505171.8	5408406.7
L5180.0	505171.8	5408406.7	10845.59961	326.02	115.04	48.828618	-86.929533	56085.08	56250.9	-0.93	56084.15	56084.77734	56068.34255	56069.99609	505171.8	5408406.7
L5180.0	505171.8	5408403.8	10845.70020	325.23	115.34	48.828592	-86.929533	56085.26	56250.9	-0.93	56084.33	56084.95313	56069.62186	56071.28906	505171.8	5408403.8
L5180.0	505171.8	5408403.8	10845.79981	325.59	115.34	48.828592	-86.929533	56085.36	56250.9	-0.92	56084.44	56085.05859	56069.22378	56070.90234	505171.8	5408403.8
L5180.0	505171.8	5408402.0	10845.90039	325.73	115.69	48.828575	-86.929533	56085.54	56250.9	-0.92	56084.62	56085.23438	56070.50256	56072.19531	505171.8	5408402.0
L5180.0	505171.8	5408400.8	10846.00000	326.40	115.69	48.828565	-86.929533	56085.64	56250.9	-0.91	56084.73	56085.33984	56070.09702	56071.80078	505171.8	5408400.8
L5180.0	505171.8	5408399.6	10846.00000	326.40	113.67	48.828554	-86.929533	56085.76	56250.9	-0.91	56084.85	56085.45313	56069.92935	56071.64453	505171.8	5408399.6
L5180.0	505171.8	5408399.6	10846.20020	327.37	115.48	48.828554	-86.929533	56085.89	56250.9	-0.92	56084.98	56085.57813	56070.00283	56071.73047	505171.8	5408399.6
L5180.0	505171.8	5408397.9	10846.29981	325.34	116.06	48.828539	-86.929533	56086.04	56250.9	-0.92	56085.12	56085.71484	56070.31841	56072.05859	505171.8	5408397.9
L5180.0	505171.8	5408396.9	10846.40039	325.41	116.06	48.828529	-86.929533	56086.14	56250.9	-0.92	56085.22	56085.81250	56069.66044	56071.41406	505171.8	5408396.9
L5180.0	505171.8	5408395.3	10846.50000	325.37	114.97	48.828515	-86.929533	56086.30	56250.9	-0.93	56085.37	56085.95703	56070.21507	56071.98047	505171.8	5408395.3
L5180.0	505171.8	5408393.8	10846.59961	325.09	115.4	48.828502	-86.929533	56086.45	56250.9	-0.93	56085.52	56086.10156	56070.76809	56072.54297	505171.8	5408393.8
L5180.0	505171.8	5408392.4	10846.70020	325.10	115.4	48.828489	-86.929533	56086.54	56250.9	-0.93	56085.61	56086.18750	56069.85334	56071.64063	505171.8	5408392.4
L5180.0	505171.8	5408392.4	10846.79981	324.35	115.25	48.828489	-86.929533	56086.68	56250.9	-0.93	56085.75	56086.32422	56070.15360	56071.94922	505171.8	5408392.4
L5180.0	505171.8	5408390.9	10846.90039	322.16	115.25	48.828475	-86.929533	56086.81	56250.9	-0.94	56085.87	56086.44141	56069.95858	56071.76563	505171.8	5408390.9
L5180.0	505171.8	5408389.3	10847.00000	324.33	115.63	48.828461	-86.929533	56086.95	56250.9	-0.94	56086.01	56086.57813	56070.24664	56072.06641	505171.8	5408389.3
L5180.0	505171.8	5408388.3	10847.09961	326.27	115.63	48.828452	-86.929533	56087.11	56250.9	-0.94	56086.17	56086.73438	56071.01987	56072.84766	505171.8	5408388.3
L5180.0	505171.8	5408386.8	10847.20020	324.72	116.44	48.828439	-86.929532	56087.25	56250.9	-0.93	56086.32	56086.87891	56071.54153	56073.37891	505171.8	5408386.8
L5180.0	505171.8	5408386.8	10847.29981	325.77	117.52	48.828439	-86.929532	56087.32	56250.9	-0.93	56086.38	56086.93750	56069.83560	56071.68359	505171.8	5408386.8
L5180.0	505171.9	5408385.2	10847.40039	323.38	117.52	48.828424	-86.929532	56087.48	56250.9	-0.93	56086.55	56087.10547	56070.83473	56072.69141	505171.9	5408385.2
L5180.0	505171.9	5408383.5	10847.50000	324.20	117.52	48.828409	-86.929532	56087.61	56250.9	-0.93	56086.68	56087.23047	56070.83880	56072.70703	505171.9	5408383.5
L5180.0	505171.9	5408382.4	10847.59961	323.85	116.21	48.828399	-86.929532	56087.79	56250.9	-0.92	56086.87	56087.41797	56072.32722	56074.20313	505171.9	5408382.4
L5180.0	505171.9	5408381.0	10847.70020	325.03	116.21	48.828386	-86.929532	56087.86	56250.9	-0.92	56086.94	56087.48438	56070.82546	56072.71094	505171.9	5408381.0
L5180.0	505171.9	5408379.5	10847.79981	327.05	114.84	48.828373	-86.929532	56088.02	56250.9	-0.92	56087.10	56087.64063	56071.55905	56073.45313	505171.9	5408379.5
L5180.0	505171.9	5408379.5	10847.90039	329.27	115.2	48.828373	-86.929532	56088.17	56250.9	-0.91	56087.25	56087.78906	56072.04077	56073.94531	505171.9	5408379.5
L5180.0	505171.9	5408378.1	10848.00000	327.25	116.79	48.828360	-86.929532	56088.27	56250.9	-0.91	56087.36	56087.89453	56071.51690	56073.42969	505171.9	5408378.1
L5180.0	505171.9	5408376.7	10848.00000	327.25	116.79	48.828348	-86.929532	56088.42	56250.9	-0.91	56087.51	56088.04297	56071.99451	56073.91406	505171.9	5408376.7
L5180.0	505171.9	5408375.5	10848.20020	326.61	116.3	48.828337	-86.929532	56088.60	56250.9	-0.91	56087.69	56088.21875	56073.22808	56075.15625	505171.9	5408375.5
L5180.0	505171.9	5408374.0	10848.29981	328.04	116.33	48.828324	-86.929532	56088.70	56250.9	-0.91	56087.79	56088.31641	56072.44682	56074.38281	505171.9	5408374.0
L5180.0	505171.9	5408374.0	10848.40039	328.01	114.59	48.828324	-86.929532	56088.87	56250.9	-0.91	56087.96	56088.48438	56073.43103	56075.37500	505171.9	5408374.0
L5180.0	505171.9	5408372.4	10848.50000	327.70	114.59	48.828309	-86.929532	56088.98	56250.9	-0.91	56088.07	56088.58984	56072.90319	56074.85547	505171.9	5408372.4
L5180.0	505171.9	5408371.5	10848.59961	329.56	115.09	48.828301	-86.929532	56089.11	56250.9	-0.91	56088.20	56088.71875	56072.88278	56074.84375	505171.9	5408371.5
L5180.0	505171.9	5408370.0	10848.70020	328.36	115.73	48.828288	-86.929533	56089.26	56250.9	-0.91	56088.35	56088.86328	56073.37024	56075.33594	505171.9	5408370.0
L5180.0	505171.9	5408368.7	10848.79981	326.60	115.73	48.828275	-86.929533	56089.38	56250.9	-0.91	56088.47	56088.98047	56073.10682	56075.08203	505171.9	5408368.7
L5180.0	505171.8	5408367.3	10848.90039	325.96	115.79	48.828263	-86.929533	56089.48	56250.9	-0.91	56088.57	56089.07813	56072.34872	56074.32813	505171.8	5408367.3
L5180.0	505171.8	5408366.6	10849.00000	326.75	115.79	48.828257	-86.929533	56089.66	56250.9	-0.91	56088.75	56089.25781	56073.60155	56075.58984	505171.8	5408366.6
L5180.0	505171.8	5408365.1	10849.09961	326.53	115.55	48.828244	-86.929533	56089.76	56250.9	-0.91	56088.85	56089.35547	56072.86064	56074.85547	505171.8	5408365.1
L5180.0	505171.8	5408363.9	10849.20020	325.69	115.64	48.828233	-86.929533	56089.88	56250.9	-0.91	56088.97	56089.47266	56072.62944	56074.62891	505171.8	5408363.9
L5180.0	505171.8	5408362.5	10849.29981	325.80	114.98	48.828220	-86.929534	56090.06	56250.9	-0.91	56089.15	56089.64844	56073.88675	56075.89453	505171.8	5408362.5
L5180.0	505171.8	5408362.5	10849.40039	326.62	115.47	48.828220	-86.929534	56090.25	56250.9	-0.91	56089.33	56089.82422	56075.13646	56077.14844	505171.8	5408362.5
L5180.0	505171.8	5408361.1	10849.50000	326.38	115.47	48.828207	-86.929534	56090.34	56250.9	-0.92	56089.42	56089.91016	56074.18669	56076.20313	505171.8	5408361.1
L5180.0	505171.7	5408360.1	10849.59961	325.68	115.9	48.828199	-86.929534	56090.47	56250.9	-0.92	56089.56	56090.04688	56074.46313	56076.48438	505171.7	5408360.1
L5180.0	505171.7	5408358.7	10849.70020	324.84	115.9	48.828185	-86.929535	56090.64	56250.9	-0.92	56089.73	56090.21484	56075.46022	56077.48828	505171.7	5408358.7
L5180.0	505171.7	5408357.4	10849.79981	327.37	115.32	48.828174	-86.929535	56090.72	56250.9	-0.92	56089.80	56090.28125	56074.06752	56076.10156	505171.7	5408357.4
L5180.0	505171.7	5408356.1	10849.90039	327.11	108.3	48.828162	-86.929535	56090.92	56250.9	-0.92	56090.00	56090.48047	56075.76958	56077.80859	505171.7	5408356.1
L5180.0	505171.6	5408354.1	10850.00000	323.89	104.52	48.828145	-86.929536	56091.01	56250.9	-0.92	56090.09	56090.56641	56074.87196	56076.91406	505171.6	5408354.1
L5180.0	505171.6	5408352.9	10850.00000	323.89	104.52	48.828134	-86.929536	56091.18	56250.9	-0.92	56090.26	56090.73047	56075.84986	56077.89453	505171.6	5408352.9
L5180.0	505171.6	5408352.9	10850.09961	322.33	108.2	48.828134	-86.929536	56091.36	56250.9	-0.92	56090.44	56090.90625	56077.04404	56079.09375	505171.6	5408352.9
L5180.0	505171.6	5408351.5	10850.20020	322.70	113.25	48.828121	-86.929536	56091.43	56250.9	-0.91	56090.52	56090.98438	56075.93268	56077.98828	505171.6	5408351.5
L5180.0	505171.6	5408350.2	10850.20020	322.70	111.98	48.828109	-86.929537	56091.64	56250.9	-0.91	56090.73	56091.19141	56077.78967	56079.84766	505171.6	5408350.2
L5180.0	505171.6	5408349.0	10850.50000	324.57	111.98	48.828098	-86.929537	56091.73	56250.9	-0.90	56090.83	56091.28516	56077.13857	56079.19922	505171.6	5408349.0
L5180.0	505171.5	5408347.3	10850.59961	322.41	109.75	48.828083	-86.929537	56091.90	56250.9	-0.90	56091.01	56091.46094	56078.28714	56080.35156	505171.5	5408347.3
L5180.0	505171.5	5408345.8	10850.70020	322.79	109.75	48.828070	-86.929538	56092.02	56250.9	-0.89	56091.12	56091.56641	56077.85955	56079.92578	505171.5	5408345.8
L5180.0	505171.5	5408344.6	10850.79981	322.10	110.35	48.828059	-86.929538	56092.20	56250.9	-0.89	56091.31	56091.75391	56079.20771	56081.27734	505171.5	5408344.6
L5180.0	505171.5	5408344.6	10850.90039	320.15	111.21	48.828059	-86.929538	56092.32	56250.9	-0.88	56091.44	56091.87891	56079.21606	56081.28906	505171.5	5408344.6
L5180.0	505171.5	5408342.9	10851.00000	321.49	111.21	48.828043	-86.929538	56092.46	56250.9	-0.88	56091.58	56092.01563	56079.44171	56081.51563	505171.5	5408342.9
L5180.0	505171.5	5408342.9	10851.09961	320.70	111.89	48.828043	-86.929538	56092.63	56250.9	-0.88	56091.74	56092.16797	56080.10266	56082.17969	505171.5	5408342.9
L5180.0	505171.4	5408341.2	10851.20020	322.08	113.02	48.828029	-86.929539	56092.77	56250.9	-0.89	56091.88	56092.30469	56080.32093	56082.40234	505171.4	5408341.2
L5180.0	505171.4	5408339.6	10851.29981	321.61	113.02	48.828014	-86.929539	56092.90	56250.9	-0.89	56092.01	56092.42969	56080.31916	56082.40234	505171.4	5408339.6
L5180.0	505171.4	5408338.1	10851.40039	320.38	112.59	48.828001	-86.929539	56093.07	56250.9	-0.89	56092.18	56092.59375	56081.19310	56083.27734	505171.4	5408338.1
L5180.0	505171.4	5408336.3	10851.50000	321.21	112.59	48.827985	-86.929540	56093.16	56250.9	-0.90	56092.26	56092.66797	56080.09749	56082.17969	505171.4	5408336.3
L5180.0	505171.4	5408336.3	10851.59961	320.75	107.4	48.827985	-86.929540	56093.33	56250.9	-0.90	56092.43	56092.83203	56080.97332	56083.05859	505171.4	5408336.3
L5180.0	505171.3	5408334.7	10851.70020	321.94	107.4	48.827970	-86.929540	56093.43	56250.9	-0.90	56092.53	56092.92578	56080.31310	56082.39844	505171.3	5408334.7
L5180.0	505171.3	5408333.3	10851.79981	322.03	112.89	48.827957	-86.929540	56093.62	56250.9	-0.90	56092.71	56093.09766	56081.41300	56083.50000	505171.3	5408333.3
L5180.0	505171.3	5408331.8	10851.90039	323.68	110.08	48.827944	-86.929541	56093.66	56250.9	-0.91	56092.75	56093.13281	56079.41736	56081.50391	505171.3	5408331.8
L5180.0	505171.3	5408330.4	10852.00000	323.25	110.08	48.827931	-86.929541	56093.88	56250.9	-0.91	56092.97	56093.34375	56081.41210	56083.50000	505171.3	5408330.4
L5180.0	505171.3	5408330.4	10852.00000	323.25	111.33	48.827931	-86.929541	56093.93	56250.9	-0.91	56093.02	56093.38672	56079.61517	56081.69922	505171.3	5408330.4
L5180.0	505171.3	5408328.7	10852.20020	326.36	111.33	48.827916	-86.929541	56094.12	56250.9	-0.90	56093.21	56093.57031	56080.95907	56083.04297	505171.3	5408328.7

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5180.0	505171.2	5408327.2	10852.29981	326.26	110.96	48.827903	-86.929542	56094.24	56250.9	-0.90	56093.34	56093.69141	56080.95846	56083.04297	505171.2	5408327.2
L5180.0	505171.2	5408327.2	10852.40039	325.54	110.46	48.827903	-86.929542	56094.34	56250.9	-0.90	56093.44	56093.78125	56080.27189	56082.35547	505171.2	5408327.2
L5180.0	505171.2	5408325.7	10852.50000	323.24	110.46	48.827889	-86.929542	56094.52	56250.9	-0.90	56093.62	56093.95313	56081.44428	56083.52734	505171.2	5408325.7
L5180.0	505171.2	5408323.9	10852.59961	323.43	113.43	48.827873	-86.929542	56094.67	56250.9	-0.89	56093.78	56094.10547	56082.18541	56084.26563	505171.2	5408323.9
L5180.0	505171.2	5408323.0	10852.70020	323.38	114.98	48.827865	-86.929542	56094.77	56250.9	-0.89	56093.88	56094.19531	56081.53511	56083.61328	505171.2	5408323.0
L5180.0	505171.2	5408321.6	10852.79981	323.09	114.98	48.827852	-86.929543	56094.88	56250.9	-0.89	56093.99	56094.29688	56081.13904	56083.21875	505171.2	5408321.6
L5180.0	505171.1	5408320.3	10852.90039	323.12	116.1	48.827841	-86.929543	56095.02	56250.9	-0.88	56094.14	56094.43750	56081.73817	56083.81250	505171.1	5408320.3
L5180.0	505171.1	5408319.1	10853.00000	324.71	116.49	48.827830	-86.929543	56095.12	56250.9	-0.88	56094.24	56094.52734	56081.16522	56083.23828	505171.1	5408319.1
L5180.0	505171.1	5408317.8	10853.09961	325.49	116.49	48.827818	-86.929543	56095.23	56250.9	-0.88	56094.35	56094.62891	56080.87121	56082.94141	505171.1	5408317.8
L5180.0	505171.1	5408317.8	10853.20020	326.66	116.71	48.827818	-86.929543	56095.38	56250.9	-0.88	56094.50	56094.76563	56081.60170	56083.66797	505171.1	5408317.8
L5180.0	505171.1	5408315.9	10853.29981	326.73	116.71	48.827801	-86.929544	56095.48	56250.9	-0.87	56094.60	56094.85547	56081.14380	56083.20703	505171.1	5408315.9
L5180.0	505171.1	5408314.5	10853.40039	327.55	101.11	48.827788	-86.929544	56095.61	56250.9	-0.87	56094.74	56094.98438	56081.71545	56083.77734	505171.1	5408314.5
L5180.0	505171.0	5408312.8	10853.50000	329.27	101.11	48.827773	-86.929544	56095.70	56250.9	-0.87	56094.83	56095.06250	56081.09259	56083.14844	505171.0	5408312.8
L5180.0	505171.0	5408312.8	10853.59961	329.27	116.11	48.827773	-86.929544	56095.86	56250.9	-0.87	56094.99	56095.21094	56082.23869	56084.29297	505171.0	5408312.8
L5180.0	505171.0	5408310.9	10853.70020	329.33	116.11	48.827756	-86.929545	56095.96	56250.9	-0.87	56095.09	56095.29688	56081.94108	56083.99219	505171.0	5408310.9
L5180.0	505171.0	5408309.2	10853.79981	330.82	116.11	48.827741	-86.929545	56096.11	56250.9	-0.86	56095.24	56095.43359	56082.90897	56084.95313	505171.0	5408309.2
L5180.0	505171.0	5408309.2	10853.90039	328.67	116.35	48.827741	-86.929545	56096.22	56250.9	-0.86	56095.36	56095.54297	56083.17251	56085.21484	505171.0	5408309.2
L5180.0	505171.0	5408307.9	10854.00000	326.48	110.09	48.827728	-86.929546	56096.34	56250.9	-0.86	56095.48	56095.64844	56083.46809	56085.50391	505171.0	5408307.9
L5180.0	505170.9	5408306.4	10854.00000	326.48	110.09	48.827716	-86.929546	56096.48	56250.9	-0.86	56095.62	56095.77344	56084.27627	56086.30859	505170.9	5408306.4
L5180.0	505170.9	5408305.0	10854.20020	325.71	110.16	48.827703	-86.929547	56096.57	56250.9	-0.86	56095.71	56095.84766	56083.90839	56085.93359	505170.9	5408305.0
L5180.0	505170.8	5408303.5	10854.29981	323.28	113.22	48.827690	-86.929547	56096.62	56250.9	-0.87	56095.75	56095.87500	56082.38924	56084.41016	505170.8	5408303.5
L5180.0	505170.8	5408303.5	10854.40039	321.77	113.22	48.827690	-86.929547	56096.77	56250.9	-0.87	56095.90	56096.00781	56083.51769	56085.53125	505170.8	5408303.5
L5180.0	505170.8	5408301.6	10854.50000	321.45	113.22	48.827672	-86.929548	56096.89	56250.9	-0.87	56096.03	56096.12500	56084.18861	56086.19922	505170.8	5408301.6
L5180.0	505170.8	5408301.6	10854.59961	320.96	113.41	48.827672	-86.929548	56096.99	56250.9	-0.87	56096.12	56096.19922	56083.94663	56085.94922	505170.8	5408301.6
L5180.0	505170.8	5408300.1	10854.70020	321.76	112.9	48.827659	-86.929548	56097.05	56250.9	-0.87	56096.17	56096.23047	56082.81206	56084.80859	505170.8	5408300.1
L5180.0	505170.7	5408298.7	10854.79981	321.51	112.9	48.827646	-86.929549	56097.25	56250.9	-0.88	56096.37	56096.41406	56085.13211	56087.12109	505170.7	5408298.7
L5180.0	505170.7	5408297.3	10854.90039	322.58	108.67	48.827633	-86.929549	56097.27	56250.9	-0.88	56096.40	56096.42578	56083.58733	56085.57031	505170.7	5408297.3
L5180.0	505170.7	5408295.8	10855.00000	320.86	108.67	48.827620	-86.929550	56097.43	56250.9	-0.88	56096.55	56096.55859	56084.77156	56086.74609	505170.7	5408295.8
L5180.0	505170.6	5408294.4	10855.09961	322.93	108.54	48.827607	-86.929550	56097.50	56250.9	-0.88	56096.63	56096.62109	56084.38756	56086.35547	505170.6	5408294.4
L5180.0	505170.6	5408292.7	10855.20020	323.10	108.54	48.827592	-86.929551	56097.63	56250.9	-0.87	56096.76	56096.73438	56085.12600	56087.08594	505170.6	5408292.7
L5180.0	505170.6	5408292.7	10855.29981	324.41	117.02	48.827592	-86.929551	56097.70	56250.9	-0.87	56096.83	56096.78516	56084.53499	56086.48828	505170.6	5408292.7
L5180.0	505170.6	5408291.2	10855.40039	321.23	117.02	48.827579	-86.929551	56097.84	56250.9	-0.87	56096.97	56096.90625	56085.50100	56087.44531	505170.6	5408291.2
L5180.0	505170.6	5408289.6	10855.50000	323.29	117.21	48.827564	-86.929551	56097.93	56250.9	-0.86	56097.07	56096.98438	56085.58633	56087.52344	505170.6	5408289.6
L5180.0	505170.6	5408289.6	10855.59961	325.78	117.21	48.827564	-86.929551	56098.06	56250.9	-0.86	56097.20	56097.09766	56086.34460	56088.27344	505170.6	5408289.6
L5180.0	505170.6	5408287.9	10855.70020	325.66	117.06	48.827549	-86.929551	56098.08	56250.9	-0.86	56097.22	56097.09766	56084.68039	56086.60156	505170.6	5408287.9
L5180.0	505170.5	5408286.0	10855.79981	326.47	114.11	48.827532	-86.929552	56098.21	56250.9	-0.86	56097.36	56097.21484	56085.69003	56087.60156	505170.5	5408286.0
L5180.0	505170.5	5408284.5	10855.90039	323.54	114.11	48.827519	-86.929552	56098.32	56250.9	-0.85	56097.46	56097.29297	56085.83506	56087.73828	505170.5	5408284.5
L5180.0	505170.5	5408284.5	10856.00000	322.94	99.96	48.827519	-86.929552	56098.41	56250.8	-0.85	56097.56	56097.37109	56086.00568	56087.89844	505170.5	5408284.5
L5180.0	505170.5	5408282.6	10856.00000	322.94	99.96	48.827501	-86.929552	56098.52	56250.8	-0.85	56097.67	56097.46094	56086.42603	56088.31250	505170.5	5408282.6
L5180.0	505170.5	5408280.9	10856.20020	320.93	114.63	48.827486	-86.929552	56098.56	56250.8	-0.85	56097.71	56097.47656	56085.31294	56087.18750	505170.5	5408280.9
L5180.0	505170.5	5408280.9	10856.29981	321.64	115.78	48.827486	-86.929552	56098.74	56250.8	-0.85	56097.89	56097.63672	56087.34985	56089.21484	505170.5	5408280.9
L5180.0	505170.5	5408279.5	10856.40039	322.82	115.39	48.827473	-86.929552	56098.76	56250.8	-0.85	56097.92	56097.64063	56086.06731	56087.92578	505170.5	5408279.5
L5180.0	505170.5	5408277.9	10856.50000	324.74	115.39	48.827459	-86.929552	56098.89	56250.8	-0.85	56098.05	56097.75000	56087.04443	56088.89063	505170.5	5408277.9
L5180.0	505170.5	5408277.9	10856.59961	325.57	115.39	48.827459	-86.929552	56098.92	56250.8	-0.84	56098.08	56097.75391	56085.81535	56087.65234	505170.5	5408277.9
L5180.0	505170.5	5408276.1	10856.70020	323.18	99.53	48.827443	-86.929552	56099.07	56250.8	-0.84	56098.22	56097.87109	56087.07054	56088.89844	505170.5	5408276.1
L5180.0	505170.5	5408274.4	10856.79981	324.33	104.39	48.827428	-86.929552	56099.13	56250.8	-0.84	56098.29	56097.91406	56086.78944	56088.60547	505170.5	5408274.4
L5180.0	505170.5	5408273.2	10856.90039	322.28	104.39	48.827417	-86.929552	56099.22	56250.8	-0.84	56098.38	56097.98047	56086.98319	56088.78906	505170.5	5408273.2
L5180.0	505170.5	5408273.2	10857.00000	320.46	113.06	48.827417	-86.929552	56099.32	56250.8	-0.84	56098.48	56098.05469	56087.42896	56089.22656	505170.5	5408273.2
L5180.0	505170.5	5408271.8	10857.09961	322.04	113.06	48.827404	-86.929552	56099.38	56250.8	-0.84	56098.54	56098.08984	56087.00963	56088.79688	505170.5	5408271.8
L5180.0	505170.5	5408270.3	10857.20020	323.03	113.06	48.827391	-86.929552	56099.46	56250.8	-0.84	56098.62	56098.14453	56087.06622	56088.84375	505170.5	5408270.3
L5180.0	505170.5	5408268.4	10857.29981	323.05	113.39	48.827373	-86.929552	56099.57	56250.8	-0.84	56098.73	56098.22656	56087.82304	56089.58984	505170.5	5408268.4
L5180.0	505170.5	5408268.4	10857.40039	320.76	112.47	48.827373	-86.929552	56099.63	56250.8	-0.84	56098.79	56098.26172	56087.49046	56089.24609	505170.5	5408268.4
L5180.0	505170.5	5408266.7	10857.50000	323.27	112.47	48.827358	-86.929552	56099.70	56250.8	-0.84	56098.86	56098.30469	56087.41066	56089.15234	505170.5	5408266.7
L5180.0	505170.5	5408265.0	10857.59961	323.25	113.16	48.827343	-86.929552	56099.83	56250.8	-0.84	56098.99	56098.40625	56088.70650	56090.43750	505170.5	5408265.0
L5180.0	505170.5	5408263.8	10857.70020	326.25	113.16	48.827332	-86.929552	56099.90	56250.8	-0.84	56099.06	56098.44922	56088.68654	56090.40625	505170.5	5408263.8
L5180.0	505170.5	5408263.8	10857.79981	325.31	109.64	48.827332	-86.929552	56099.93	56250.8	-0.84	56099.09	56098.45313	56087.79404	56089.50391	505170.5	5408263.8
L5180.0	505170.5	5408261.6	10857.90039	325.24	109.64	48.827313	-86.929552	56100.01	56250.8	-0.84	56099.17	56098.50391	56088.05590	56089.75391	505170.5	5408261.6
L5180.0	505170.5	5408260.2	10858.00000	324.35	111.01	48.827299	-86.929552	56100.14	56250.8	-0.84	56099.30	56098.60547	56089.48318	56091.17188	505170.5	5408260.2
L5180.0	505170.5	5408260.2	10858.00000	324.35	113.05	48.827299	-86.929552	56100.14	56250.8	-0.84	56099.30	56098.57422	56087.98522	56089.66016	505170.5	5408260.2
L5180.0	505170.5	5408258.9	10858.20020	321.41	113.05	48.827288	-86.929552	56100.18	56250.8	-0.84	56099.35	56098.59766	56087.64602	56089.31250	505170.5	5408258.9
L5180.0	505170.5	5408257.8	10858.29981	321.35	110.51	48.827278	-86.929552	56100.26	56250.8	-0.84	56099.42	56098.63672	56087.79468	56089.44922	505170.5	5408257.8
L5180.0	505170.5	5408256.3	10858.40039	321.75	110.18	48.827265	-86.929552	56100.39	56250.8	-0.84	56099.55	56098.73828	56089.37656	56091.01953	505170.5	5408256.3
L5180.0	505170.6	5408254.7	10858.50000	321.97	110.18	48.827250	-86.929552	56100.41	56250.8	-0.83	56099.58	56098.73828	56088.67440	56090.30469	505170.6	5408254.7
L5180.0	505170.6	5408254.7	10858.59961	324.61	117.91	48.827250	-86.929552	56100.45	56250.8	-0.83	56099.62	56098.75000	56088.24017	56089.85938	505170.6	5408254.7
L5180.0	505170.6	5408253.2	10858.70020	325.75	117.91	48.827237	-86.929551	56100.46	56250.8	-0.83	56099.63	56098.73047	56087.12982	56088.73828	505170.6	5408253.2
L5180.0	505170.6	5408251.1	10858.79981	325.29	117.91	48.827218	-86.929551	56100.56	56250.8	-0.83	56099.73	56098.80078	56088.21751	56089.81641	505170.6	5408251.1
L5180.0	505170.6	5408251.1	10858.90039	323.41	118.11	48.827218	-86.929551	56100.66	56250.8	-0.83	56099.83	56098.86719	56089.37720	56090.96484	505170.6	5408251.1
L5180.0	505170.7	5408249.7	10859.00000	322.79	111.19	48.827205	-86.929550	56100.64	56250.8	-0.83	56099.81	56098.82031	56087.68437	56089.26172	505170.7	5408249.7
L5180.0	505170.7	5408248.0	10859.09961	322.16	111.19	48.827190	-86.929550	56100.76	56250.8	-0.83	56099.93	56098.90625	56089.46605	56091.03125	505170.7	5408248.0
L5180.0	505170.7	5408248.0	10859.20020	322.75	111.51	48.827190	-86.929550	56100.69	56250.8	-0.83	56099.86	56098.80859	56086.64629	56088.19922	505170.7	5408248.0
L5180.0	505170.7	5408244.9	10859.29981	323.46	111.51	48.827162	-86.929549	56100.79	56250.8	-0.83	56099.97	56098.88672	56088.32374	56089.86719	505170.7	5408244.9
L5180.0	505170.7	5408244.9	10859.40039	327.20	112.42	48.827162	-86.929549	56100.82	56250.8	-0.83	56099.99	56098.87500	56087.84779	56089.37891	505170.7	5408244.9
L5180.0	505170.7	5408243.2	10859.50000	328.77	112.42	48.827147	-86.929549	56100.84	56250.8	-0.82	56100.01	56098.86328	56087.44124	56088.96094	505170.7	5408243.2
L5180.0	505170.7	5408243.2	10859.59961	329.75	112.34	48.827147	-86.929549	56100.89	56250.8	-0.82	56100.07	56098.89453	56088.10164	56089.61328	505170.7	5408243.2
L5180.0	505170.8	5408241.7	10859.70020	329.50	112.34	48.827134	-86.929549	56100.94	56250.8	-0.82	56100.12	56098.91406	56088.58620	56090.08594	505170.8	5408241.7
L5180.0	505170.8	5408240.4	10859.79981	328.46	109.97	48.827121	-86.929549	56100.91	56250.8	-0.82	56100.09	56098.85156	56087.16146	56088.64844	505170.8	5408240.4
L5180.0	505170.8	5408238.7	10859.90039	328.82	109.97	48.827107	-86.929549	56100.97	56250.8	-0.82	56100.15	56098.87891	56088.04092	56089.51953	505170.8	5408238.7
L5180.0	505170.8	5408237.1	10860.00000	328.54	109.54	48.827092	-86.929549	56100.99	56250.8	-0.82	56100.17	56098.86719	56088.00440	56089.47266	505170.8	5408237.1
L5180.0	505170.8	5408237.1	10860.00000	328.54	111.23	48.827092	-86.929549	56101.02	56250.8	-0.82	56100.20	56098.86719	56088.28471	56089.74219	505170.8	5408237.1
L5180.0	505170.8	5408235.5	10860.20020	325.97	111.23	48.827077	-86.929548	56101.07	56250.8	-0.82	56100.25	56098.88672	56089.11680	56090.56250	505170.8	5408235.5
L5180.0	505170.8	5408234.0	10860.29981	325.26	110.73	48.827064	-86.929548	56101.07	56250.8	-0.82	56100.25	56098.85547	56088.80177	56090.23828	505170.8	5408234.0
L5180.0	505170.8	5408234.0	10860.40039	323.02	110.73	48.827064	-86.929548	56101.02	56250.8	-0.82	56100.20	56098.77344	56087.36388	56088.79297	505170.8	5408234.0
L5180.0	505170.9	5408232.1	10860.50000	322.35	109.06	48.827047	-86.929548	56101.07	56250.8	-0.82	56100.25	56098.79297	56088.38140	56089.80078	505170.9	5408232.1
L5180.0	505170.9	5408230.7	10860.59961	322.83	109.06	48.827034	-86.929548	56101.10	56250.8	-0.82	56100.28	56098.79297	56088.97290	56090.38281	505170.9	5408230.7
L5180.0	505170.9	5408230.7	10860.70020	323.10	109.84	48.827034	-86.929548	56101.14	56250.8	-0.82	56100.32	56098.80078	56089.84462	56091.24219	505170.9	5408230.7
L5180.0	505170.9	5408228.8	10860.79981	320.82	106.76	48.827017	-86.929547	56101.13	56250.8	-0.82	56100.31	56098.75781	56089.60033	56090.98828	505170.9	5408228.8
L5180.0	505170.9	5408227.1	10860.90039	321.42	106.76	48.827002	-86.929547	56101.14	56250.8	-0.82	56100.32	56098.73828	56089.86860	56091.25000	505170.9	5408227.1
L5180.0	505171.0	5408225.5	10861.00000	320.30	106.42	48.826987	-86.929547	56101.10	56250.8	-0.82	56100.28	56098.66797	56089.03831	56090.41016	505171.0	5408225.5
L5180.0	505171.0	5408223.7	10861.09961	321.00	106.42	48.826971	-86.929546	56101.10	56250.8	-0.82	56100.28	56098.63672	56089.16741	56090.53125	505171.0	5408223.7
L5180.0	505171.0	5408223.7	10861.20020	322.28	108.54	48.826971	-86.929546	56101.09	56250.8	-0.82	56100.27	56098.59766	56089.10721	56090.46094	505171.0	5408223.7
L5180.0	505171.0	5408222.1	10861.29981	322.22	106.35	48.826957	-86.929546	56101.07	56250.8	-0.81	56100.26	56098.55859	56089.08524	56090.43359	505171.0	5408222.1
L5180.0	505171.0	5408220.2	10861.40039	323.29	106.35	48.826940	-86.929546	56101.05	56250.8	-0.81	56100.24	56098.50781	56088.87566	56090.21484	505171.0	5408220.2
L5180.0	505171.0	5408220.2	10861.50000	323.32	110.55	48.826940	-86.929546	56101.02	56250.8	-0.81	56100.21	56098.44531	56088.47979	56089.80859	505171.0	5408220.2

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5180.0	505171.0	5408218.7	10861.59961	324.50	110.55	48.826926	-86.929546	56101.05	56250.8	-0.81	56100.24	56098.44922	56089.49244	56090.81641	505171.0	5408218.7
L5180.0	505171.1	5408217.3	10861.70020	326.28	105.19	48.826914	-86.929545	56101.02	56250.8	-0.81	56100.21	56098.38672	56089.18712	56090.50391	505171.1	5408217.3
L5180.0	505171.1	5408217.3	10861.79981	325.36	108.78	48.826914	-86.929545	56100.94	56250.8	-0.80	56100.13	56098.27734	56087.78017	56089.08984	505171.1	5408217.3
L5180.0	505171.1	5408215.1	10861.90039	324.23	108.78	48.826894	-86.929545	56100.94	56250.8	-0.80	56100.14	56098.26172	56088.48937	56089.78906	505171.1	5408215.1
L5180.0	505171.1	5408213.5	10862.00000	323.32	108.78	48.826879	-86.929545	56100.89	56250.8	-0.80	56100.09	56098.17969	56087.86772	56089.16016	505171.1	5408213.5
L5180.0	505171.1	5408213.5	10862.00000	323.32	110.11	48.826879	-86.929545	56100.86	56250.8	-0.80	56100.06	56098.12500	56087.76171	56089.04688	505171.1	5408213.5
L5180.0	505171.1	5408212.0	10862.20020	325.41	109.33	48.826867	-86.929545	56100.84	56250.8	-0.79	56100.05	56098.08594	56088.18026	56089.46094	505171.1	5408212.0
L5180.0	505171.1	5408210.6	10862.29981	326.77	109.86	48.826854	-86.929545	56100.74	56250.8	-0.79	56099.95	56097.95703	56086.54348	56087.81641	505171.1	5408210.6
L5180.0	505171.1	5408208.7	10862.40039	325.55	109.86	48.826836	-86.929545	56100.72	56250.8	-0.79	56099.93	56097.91016	56086.84311	56088.11328	505171.1	5408208.7
L5180.0	505171.1	5408208.7	10862.50000	325.47	111.04	48.826836	-86.929545	56100.73	56250.8	-0.79	56099.95	56097.90234	56088.15404	56089.41797	505171.1	5408208.7
L5180.0	505171.1	5408207.3	10862.59961	324.96	111.04	48.826823	-86.929545	56100.66	56250.8	-0.78	56099.88	56097.80469	56087.39430	56088.65234	505171.1	5408207.3
L5180.0	505171.1	5408205.8	10862.70020	326.09	106.93	48.826810	-86.929545	56100.59	56250.8	-0.78	56099.81	56097.71094	56086.69024	56087.94141	505171.1	5408205.8
L5180.0	505171.1	5408205.8	10862.79981	324.49	106.93	48.826810	-86.929545	56100.56	56250.8	-0.78	56099.79	56097.66406	56087.23377	56088.48047	505171.1	5408205.8
L5180.0	505171.1	5408204.1	10862.90039	325.59	97.69	48.826795	-86.929545	56100.52	56250.8	-0.77	56099.74	56097.58984	56087.11940	56088.35938	505171.1	5408204.1
L5180.0	505171.1	5408202.0	10863.00000	325.89	97.69	48.826776	-86.929545	56100.43	56250.8	-0.77	56099.66	56097.48438	56086.34499	56087.58203	505171.1	5408202.0
L5180.0	505171.1	5408202.0	10863.09961	324.57	105.15	48.826776	-86.929545	56100.39	56250.8	-0.77	56099.61	56097.41016	56086.33651	56087.57031	505171.1	5408202.0
L5180.0	505171.1	5408200.3	10863.20020	326.01	105.15	48.826761	-86.929544	56100.28	56250.8	-0.78	56099.51	56097.28516	56085.19072	56086.41797	505171.1	5408200.3
L5180.0	505171.2	5408198.8	10863.29981	326.15	99.19	48.826747	-86.929544	56100.31	56250.8	-0.78	56099.53	56097.28125	56086.93263	56088.15625	505171.2	5408198.8
L5180.0	505171.2	5408197.1	10863.40039	325.70	102.6	48.826732	-86.929544	56100.16	56250.8	-0.78	56099.38	56097.10938	56084.69853	56085.91797	505171.2	5408197.1
L5180.0	505171.2	5408197.1	10863.50000	324.53	102.6	48.826732	-86.929544	56100.16	56250.8	-0.79	56099.38	56097.08594	56086.03793	56087.25391	505171.2	5408197.1
L5180.0	505171.2	5408195.0	10863.59961	323.13	101.44	48.826713	-86.929544	56100.06	56250.8	-0.79	56099.27	56096.95313	56084.82740	56086.03906	505171.2	5408195.0
L5180.0	505171.2	5408195.0	10863.70020	321.14	101.44	48.826713	-86.929544	56100.01	56250.8	-0.79	56099.22	56096.87891	56085.05120	56086.26172	505171.2	5408195.0
L5180.0	505171.2	5408193.5	10863.79981	322.76	104.88	48.826700	-86.929544	56099.93	56250.8	-0.79	56099.14	56096.77734	56084.60009	56085.80859	505171.2	5408193.5
L5180.0	505171.2	5408192.1	10863.90039	321.95	104.88	48.826687	-86.929544	56099.83	56250.8	-0.80	56099.03	56096.64844	56083.47830	56084.68359	505171.2	5408192.1
L5180.0	505171.2	5408190.2	10864.00000	323.73	104.62	48.826670	-86.929544	56099.78	56250.8	-0.80	56098.98	56096.57813	56083.75857	56084.96094	505171.2	5408190.2
L5180.0	505171.2	5408188.9	10864.00000	323.73	104.62	48.826659	-86.929544	56099.70	56250.8	-0.80	56098.90	56096.47656	56083.35826	56084.55859	505171.2	5408188.9
L5180.0	505171.2	5408188.9	10864.20020	323.79	103.69	48.826659	-86.929544	56099.65	56250.8	-0.79	56098.86	56096.41797	56083.87787	56085.07422	505171.2	5408188.9
L5180.0	505171.2	5408187.5	10864.29981	324.67	103.69	48.826646	-86.929544	56099.58	56250.8	-0.79	56098.79	56096.32813	56083.71059	56084.90625	505171.2	5408187.5
L5180.0	505171.2	5408185.8	10864.40039	322.90	105.07	48.826631	-86.929544	56099.50	56250.8	-0.79	56098.71	56096.23047	56083.31311	56084.50391	505171.2	5408185.8
L5180.0	505171.2	5408185.8	10864.50000	323.35	105.22	48.826631	-86.929544	56099.42	56250.8	-0.79	56098.64	56096.14453	56083.13697	56084.32813	505171.2	5408185.8
L5180.0	505171.2	5408184.1	10864.59961	322.00	105.22	48.826615	-86.929544	56099.40	56250.8	-0.78	56098.62	56096.10547	56084.08139	56085.26953	505171.2	5408184.1
L5180.0	505171.2	5408183.0	10864.70020	322.22	97.16	48.826605	-86.929544	56099.24	56250.8	-0.78	56098.46	56095.92969	56081.84750	56083.03516	505171.2	5408183.0
L5180.0	505171.2	5408181.3	10864.79981	321.77	97.16	48.826590	-86.929543	56099.20	56250.8	-0.78	56098.43	56095.88281	56082.53244	56083.71875	505171.2	5408181.3
L5180.0	505171.2	5408179.9	10864.90039	321.82	99.64	48.826578	-86.929543	56099.12	56250.8	-0.77	56098.35	56095.78906	56082.06607	56083.25000	505171.2	5408179.9
L5180.0	505171.2	5408179.9	10865.00000	322.50	99.64	48.826578	-86.929543	56099.07	56250.8	-0.77	56098.30	56095.72266	56082.24961	56083.43359	505171.2	5408179.9
L5180.0	505171.3	5408177.7	10865.09961	322.91	102.36	48.826558	-86.929543	56098.95	56250.8	-0.77	56098.17	56095.57813	56080.59778	56081.78125	505171.3	5408177.7
L5180.0	505171.3	5408176.4	10865.20020	322.23	101.4	48.826546	-86.929543	56098.91	56250.8	-0.78	56098.14	56095.53516	56081.16705	56082.34766	505171.3	5408176.4
L5180.0	505171.3	5408175.3	10865.29981	323.20	101.4	48.826536	-86.929543	56098.82	56250.8	-0.78	56098.04	56095.42188	56080.11610	56081.29688	505171.3	5408175.3
L5180.0	505171.3	5408175.3	10865.40039	324.00	105.85	48.826536	-86.929543	56098.79	56250.8	-0.79	56098.00	56095.36719	56080.37875	56081.55859	505171.3	5408175.3
L5180.0	505171.3	5408173.9	10865.50000	323.23	105.85	48.826523	-86.929543	56098.70	56250.8	-0.79	56097.91	56095.26563	56079.46108	56080.64063	505171.3	5408173.9
L5180.0	505171.3	5408172.2	10865.59961	324.33	108.56	48.826508	-86.929542	56098.64	56250.8	-0.79	56097.85	56095.19531	56079.17188	56080.35156	505171.3	5408172.2
L5180.0	505171.3	5408171.0	10865.70020	325.10	108.56	48.826497	-86.929542	56098.58	56250.8	-0.80	56097.78	56095.11328	56078.59840	56079.77734	505171.3	5408171.0
L5180.0	505171.3	5408171.0	10865.79981	323.87	108.72	48.826497	-86.929542	56098.54	56250.8	-0.80	56097.74	56095.06250	56078.65037	56079.82813	505171.3	5408171.0
L5180.0	505171.4	5408169.3	10865.90039	323.27	102.97	48.826482	-86.929541	56098.44	56250.8	-0.81	56097.63	56094.94531	56077.02981	56078.20703	505171.4	5408169.3
L5180.0	505171.4	5408167.9	10866.00000	323.45	102.97	48.826469	-86.929541	56098.43	56250.8	-0.81	56097.62	56094.92578	56077.63990	56078.81641	505171.4	5408167.9
L5180.0	505171.5	5408166.2	10866.00000	323.45	107.77	48.826454	-86.929540	56098.39	56250.8	-0.81	56097.58	56094.87500	56077.48910	56078.66797	505171.5	5408166.2
L5180.0	505171.5	5408165.0	10866.20020	323.52	107.81	48.826443	-86.929540	56098.34	56250.8	-0.80	56097.53	56094.82031	56077.03117	56078.20703	505171.5	5408165.0
L5180.0	505171.6	5408163.3	10866.29981	323.57	107.81	48.826428	-86.929539	56098.29	56250.8	-0.80	56097.48	56094.76172	56076.49241	56077.66797	505171.6	5408163.3
L5180.0	505171.6	5408163.3	10866.40039	325.44	108.05	48.826428	-86.929539	56098.29	56250.8	-0.80	56097.49	56094.76563	56077.28212	56078.45703	505171.6	5408163.3
L5180.0	505171.6	5408162.2	10866.50000	325.23	108.05	48.826418	-86.929539	56098.20	56250.8	-0.79	56097.41	56094.67969	56075.86597	56077.04297	505171.6	5408162.2
L5180.0	505171.6	5408160.8	10866.59961	324.02	103.3	48.826405	-86.929538	56098.19	56250.8	-0.79	56097.40	56094.66406	56076.01478	56077.19141	505171.6	5408160.8
L5180.0	505171.7	5408159.2	10866.70020	325.25	103.3	48.826391	-86.929538	56098.14	56250.8	-0.79	56097.35	56094.60938	56075.11919	56076.29688	505171.7	5408159.2
L5180.0	505171.7	5408159.2	10866.79981	325.61	103.6	48.826391	-86.929538	56098.08	56250.8	-0.79	56097.29	56094.54688	56073.88248	56075.05859	505171.7	5408159.2
L5180.0	505171.7	5408157.9	10866.90039	324.99	103.6	48.826379	-86.929537	56098.09	56250.8	-0.78	56097.30	56094.55078	56074.22958	56075.40625	505171.7	5408157.9
L5180.0	505171.8	5408156.5	10867.00000	324.35	108.48	48.826367	-86.929536	56098.08	56250.8	-0.78	56097.30	56094.54688	56074.23923	56075.41406	505171.8	5408156.5
L5180.0	505171.8	5408155.1	10867.09961	323.99	108.85	48.826355	-86.929536	56098.06	56250.8	-0.78	56097.28	56094.52734	56073.66049	56074.83594	505171.8	5408155.1
L5180.0	505171.8	5408155.1	10867.20020	323.02	109.89	48.826355	-86.929536	56098.09	56250.8	-0.78	56097.31	56094.55469	56074.19458	56075.37109	505171.8	5408155.1
L5180.0	505171.9	5408153.2	10867.29981	323.50	110.32	48.826338	-86.929535	56098.04	56250.8	-0.77	56097.26	56094.50391	56072.66159	56073.83594	505171.9	5408153.2
L5180.0	505171.9	5408151.8	10867.40039	324.81	110.32	48.826324	-86.929535	56098.03	56250.8	-0.77	56097.26	56094.50391	56072.23818	56073.41406	505171.9	5408151.8
L5180.0	505171.9	5408150.6	10867.50000	326.63	109.82	48.826314	-86.929534	56097.98	56250.8	-0.77	56097.21	56094.45313	56070.46749	56071.64063	505171.9	5408150.6
L5180.0	505172.0	5408148.9	10867.59961	326.94	109.82	48.826299	-86.929533	56098.06	56250.8	-0.77	56097.29	56094.53516	56071.78480	56072.95703	505172.0	5408148.9
L5180.0	505172.0	5408148.9	10867.70020	326.67	110.86	48.826299	-86.929533	56098.08	56250.8	-0.77	56097.31	56094.55469	56071.50437	56072.67578	505172.0	5408148.9
L5180.0	505172.1	5408147.3	10867.79981	326.49	110.86	48.826284	-86.929533	56098.11	56250.8	-0.76	56097.35	56094.59766	56071.59685	56072.76953	505172.1	5408147.3
L5180.0	505172.1	5408145.8	10867.90039	327.75	112.05	48.826271	-86.929532	56098.11	56250.8	-0.76	56097.35	56094.59766	56070.57659	56071.74609	505172.1	5408145.8
L5180.0	505172.1	5408145.8	10868.00000	326.65	112.05	48.826271	-86.929532	56098.16	56250.8	-0.76	56097.40	56094.65234	56070.66565	56071.83594	505172.1	5408145.8
L5180.0	505172.1	5408144.1	10868.00000	326.65	111.53	48.826255	-86.929531	56098.24	56250.8	-0.76	56097.48	56094.73438	56071.36357	56072.53125	505172.1	5408144.1
L5180.0	505172.2	5408142.9	10868.20020	325.25	111.18	48.826244	-86.929531	56098.29	56250.8	-0.76	56097.52	56094.77734	56070.94139	56072.10938	505172.2	5408142.9
L5180.0	505172.2	5408141.2	10868.29981	326.26	111.18	48.826229	-86.929530	56098.36	56250.8	-0.76	56097.60	56094.86328	56071.36476	56072.53125	505172.2	5408141.2
L5180.0	505172.3	5408140.0	10868.40039	325.80	104.99	48.826218	-86.929530	56098.42	56250.8	-0.76	56097.65	56094.91797	56070.91237	56072.07422	505172.3	5408140.0
L5180.0	505172.3	5408138.5	10868.50000	325.14	104.99	48.826205	-86.929529	56098.51	56250.8	-0.76	56097.74	56095.01172	56071.29248	56072.45313	505172.3	5408138.5
L5180.0	505172.4	5408137.0	10868.59961	324.75	109.77	48.826192	-86.929529	56098.62	56250.8	-0.77	56097.86	56095.14063	56072.24740	56073.40625	505172.4	5408137.0
L5180.0	505172.4	5408137.0	10868.70020	324.14	110.05	48.826192	-86.929529	56098.69	56250.8	-0.77	56097.92	56095.20703	56071.59901	56072.75781	505172.4	5408137.0
L5180.0	505172.4	5408134.8	10868.79981	323.74	110.05	48.826172	-86.929528	56098.77	56250.8	-0.77	56098.00	56095.29297	56071.28262	56072.43750	505172.4	5408134.8
L5180.0	505172.5	5408133.4	10868.90039	323.31	108.44	48.826159	-86.929527	56098.91	56250.8	-0.77	56098.14	56095.44141	56072.23796	56073.39063	505172.5	5408133.4
L5180.0	505172.5	5408131.9	10869.00000	323.50	108.44	48.826146	-86.929526	56099.02	56250.8	-0.77	56098.25	56095.55859	56072.31084	56073.46094	505172.5	5408131.9
L5180.0	505172.5	5408131.9	10869.09961	323.57	110.22	48.826146	-86.929526	56099.13	56250.8	-0.77	56098.36	56095.67578	56072.21899	56073.36328	505172.5	5408131.9
L5180.0	505172.6	5408130.2	10869.20020	324.50	110.22	48.826131	-86.929526	56099.24	56250.8	-0.77	56098.47	56095.79688	56071.96525	56073.10938	505172.6	5408130.2
L5180.0	505172.6	5408130.2	10869.29981	324.46	111.21	48.826131	-86.929526	56099.40	56250.8	-0.77	56098.63	56095.96484	56072.70406	56073.84375	505172.6	5408130.2
L5180.0	505172.6	5408128.8	10869.40039	324.98	110.55	48.826118	-86.929525	56099.57	56250.8	-0.77	56098.80	56096.14453	56073.49266	56074.62891	505172.6	5408128.8
L5180.0	505172.7	5408127.0	10869.50000	323.02	110.55	48.826102	-86.929524	56099.71	56250.8	-0.77	56098.94	56096.29297	56073.41656	56074.55078	505172.7	5408127.0
L5180.0	505172.7	5408125.6	10869.59961	323.21	108.76	48.826089	-86.929524	56099.90	56250.8	-0.77	56099.13	56096.49609	56074.29532	56075.42188	505172.7	5408125.6
L5180.0	505172.8	5408124.2	10869.70020	322.88	106.2	48.826076	-86.929523	56100.03	56250.8	-0.77	56099.26	56096.63672	56073.64069	56074.76563	505172.8	5408124.2
L5180.0	505172.8	5408122.7	10869.79981	321.93	106.2	48.826063	-86.929523	56100.21	56250.8	-0.77	56099.44	56096.82813	56073.92845	56075.04688	505172.8	5408122.7
L5180.0	505172.8	5408122.7	10869.90039	323.06	102.01	48.826063	-86.929523	56100.43	56250.8	-0.77	56099.66	56097.05859	56074.91194	56076.02734	505172.8	5408122.7
L5180.0	505172.9	5408121.3	10870.00000	324.01	110.08	48.826050	-86.929522	56100.59	56250.8	-0.77	56099.82	56097.23047	56074.37999	56075.48828	505172.9	5408121.3
L5180.0	505172.9	5408119.8	10870.00000	324.01	110.08	48.826037	-86.929522	56100.82	56250.8	-0.77	56100.05	56097.47266	56075.18866	56076.29297	505172.9	5408119.8
L5180.0	505172.9	5408118.4	10870.20020	323.83	110.08	48.826024	-86.929521	56101.05	56250.8	-0.77	56100.28	56097.71484	56075.79192	56076.89063	505172.9	5408118.4
L5180.0	505172.9	5408118.4	10870.29981	322.74	109.17	48.826024	-86.929521	56101.27	56250.8	-0.77	56100.50	56097.94922	56075.97216	56077.06641	505172.9	5408118.4
L5180.0	505173.0	5408116.7	10870.40039	320.97	111.02	48.826009	-86.929521	56101.50	56250.8	-0.77	56100.74	56098.20313	56076.37569	56077.46484	505173.0	5408116.7
L5180.0	505173.0	5408115.5	10870.50000	321.94	105.55	48.825998	-86.929520	56101.77	56250.8	-0.76	56101.01	56098.48438	56077.21163	56078.29297	505173.0	5408115.5
L5180.0	505173.0	5408114.1	10870.59961	320.57	105.55	48.825985	-86.929520	56101.98	56250.8	-0.76	56101.21	56098.69922	56076.33309	56077.40625	505173.0	5408114.1
L5180.0	505173.0	5408112.4	10870.70020	321.90	108.55	48.825970	-86.929520	56102.24	56250.8	-0.76	56101.47	56098.97266	56076.52586	56077.59375	505173.0	5408112.4
L5180.0	505173.0	5408111.2	10870.79981	319.94	107.64	48.825959	-86.929520	56102.48	56250.8	-0.76	56101.72	56099.23828	56076.28755	56077.34766	505173.0	5408111.2

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5180.0	505173.0	5408111.2	10870.90039	318.64	107.27	48.825959	-86.929520	56102.82	56250.8	-0.76	56102.06	56099.59375	56077.77119	56078.82422	505173.0	5408111.2
L5180.0	505173.0	5408109.8	10871.00000	320.44	107.27	48.825947	-86.929520	56103.02	56250.8	-0.76	56102.26	56099.80859	56076.02018	56077.06641	505173.0	5408109.8
L5180.0	505173.0	5408108.8	10871.09961	320.20	109.05	48.825938	-86.929520	56103.32	56250.8	-0.76	56102.56	56100.12500	56076.21278	56077.25000	505173.0	5408108.8
L5180.0	505173.0	5408107.5	10871.20020	321.06	109.81	48.825926	-86.929520	56103.62	56250.8	-0.75	56102.87	56100.44922	56076.41293	56077.44141	505173.0	5408107.5
L5180.0	505173.0	5408106.0	10871.29981	320.81	109.81	48.825912	-86.929520	56103.98	56250.8	-0.75	56103.23	56100.82813	56077.50870	56078.53125	505173.0	5408106.0
L5180.0	505173.0	5408104.8	10871.40039	322.59	108.71	48.825902	-86.929520	56104.23	56250.7	-0.75	56103.48	56101.09375	56075.96679	56076.98047	505173.0	5408104.8
L5180.0	505173.0	5408103.4	10871.50000	321.52	110.68	48.825889	-86.929521	56104.64	56250.7	-0.75	56103.90	56101.52734	56078.01050	56079.01563	505173.0	5408103.4
L5180.0	505173.0	5408103.4	10871.59961	323.54	107.46	48.825889	-86.929521	56104.96	56250.7	-0.74	56104.21	56101.85547	56077.39926	56078.39453	505173.0	5408103.4
L5180.0	505172.9	5408102.2	10871.70020	323.81	107.46	48.825878	-86.929521	56105.29	56250.7	-0.74	56104.55	56102.21094	56077.26496	56078.25000	505172.9	5408102.2
L5180.0	505172.9	5408100.8	10871.79981	324.62	104.17	48.825866	-86.929522	56105.70	56250.7	-0.74	56104.96	56102.64063	56078.55080	56079.52734	505172.9	5408100.8
L5180.0	505172.9	5408099.6	10871.90039	324.93	106.18	48.825855	-86.929522	56106.06	56250.7	-0.73	56105.32	56103.01563	56078.50606	56079.47266	505172.9	5408099.6
L5180.0	505172.8	5408098.2	10872.00000	325.61	106.18	48.825842	-86.929523	56106.43	56250.7	-0.73	56105.70	56103.41406	56078.74357	56079.69922	505172.8	5408098.2
L5180.0	505172.8	5408097.0	10872.00000	325.61	105.1	48.825831	-86.929524	56106.82	56250.7	-0.73	56106.09	56103.82031	56079.04147	56079.98828	505172.8	5408097.0
L5180.0	505172.7	5408095.8	10872.20020	326.40	105.1	48.825820	-86.929524	56107.29	56250.7	-0.73	56106.55	56104.29688	56080.85082	56081.78516	505172.7	5408095.8
L5180.0	505172.7	5408094.0	10872.29981	327.12	106.78	48.825805	-86.929525	56107.59	56250.7	-0.73	56106.86	56104.62500	56078.89448	56079.82031	505172.7	5408094.0
L5180.0	505172.7	5408093.3	10872.40039	326.69	106.78	48.825799	-86.929525	56108.06	56250.7	-0.73	56107.32	56105.10547	56080.40210	56081.31641	505172.7	5408093.3
L5180.0	505172.6	5408091.9	10872.50000	325.97	105.25	48.825786	-86.929526	56108.43	56250.7	-0.74	56107.69	56105.49219	56079.56551	56080.46875	505172.6	5408091.9
L5180.0	505172.6	5408091.2	10872.59961	325.74	109.62	48.825779	-86.929526	56108.91	56250.7	-0.74	56108.17	56105.99219	56081.28684	56082.17969	505172.6	5408091.2
L5180.0	505172.5	5408089.3	10872.70020	326.15	109.62	48.825762	-86.929527	56109.34	56250.7	-0.74	56108.60	56106.43750	56081.64043	56082.51953	505172.5	5408089.3
L5180.0	505172.5	5408089.3	10872.79981	325.14	102.31	48.825762	-86.929527	56109.80	56250.7	-0.74	56109.06	56106.91797	56082.60791	56083.47656	505172.5	5408089.3
L5180.0	505172.5	5408088.0	10872.90039	324.16	102.76	48.825751	-86.929528	56110.22	56250.7	-0.74	56109.48	56107.35547	56082.44600	56083.30078	505172.5	5408088.0
L5180.0	505172.4	5408086.4	10873.00000	324.18	108.62	48.825737	-86.929529	56110.71	56250.7	-0.74	56109.97	56107.86328	56083.91131	56084.75391	505172.4	5408086.4
L5180.0	505172.3	5408085.0	10873.09961	324.95	108.62	48.825723	-86.929530	56111.18	56250.7	-0.74	56110.44	56108.35156	56084.75280	56085.58203	505172.3	5408085.0
L5180.0	505172.3	5408083.8	10873.20020	325.33	103.67	48.825713	-86.929530	56111.67	56250.7	-0.74	56110.93	56108.85938	56085.97704	56086.79297	505172.3	5408083.8
L5180.0	505172.2	5408082.8	10873.29981	326.84	103.67	48.825703	-86.929531	56112.17	56250.7	-0.74	56111.42	56109.37109	56087.08317	56087.88672	505172.2	5408082.8
L5180.0	505172.2	5408081.1	10873.40039	327.52	110.23	48.825689	-86.929532	56112.68	56250.7	-0.74	56111.94	56109.91016	56088.82810	56089.62109	505172.2	5408081.1
L5180.0	505172.2	5408081.1	10873.50000	327.13	110.23	48.825689	-86.929532	56113.11	56250.7	-0.74	56112.36	56110.34766	56087.94969	56088.72656	505172.2	5408081.1
L5180.0	505172.1	5408079.4	10873.59961	325.65	109.98	48.825674	-86.929533	56113.65	56250.7	-0.75	56112.90	56110.90625	56089.97426	56090.73828	505172.1	5408079.4
L5180.0	505172.0	5408078.2	10873.70020	326.62	107.72	48.825662	-86.929534	56114.20	56250.7	-0.75	56113.45	56111.47656	56092.13682	56092.88672	505172.0	5408078.2
L5180.0	505172.0	5408077.2	10873.79981	327.32	102.58	48.825653	-86.929535	56114.68	56250.7	-0.75	56113.93	56111.97266	56092.45209	56093.19141	505172.0	5408077.2
L5180.0	505171.9	5408075.7	10873.90039	327.93	102.58	48.825640	-86.929535	56115.23	56250.7	-0.75	56114.48	56112.54297	56094.40728	56095.13281	505171.9	5408075.7
L5180.0	505171.9	5408075.7	10874.00000	327.51	108.26	48.825640	-86.929535	56115.70	56250.8	-0.75	56114.95	56113.03125	56094.29275	56095.00391	505171.9	5408075.7
L5180.0	505171.9	5408073.9	10874.00000	327.51	108.26	48.825623	-86.929536	56116.24	56250.8	-0.75	56115.49	56113.58984	56095.81278	56096.50781	505171.9	5408073.9
L5180.0	505171.8	5408072.2	10874.20020	325.91	108.27	48.825608	-86.929537	56116.72	56250.8	-0.75	56115.97	56114.08984	56095.78503	56096.46875	505171.8	5408072.2
L5180.0	505171.8	5408070.9	10874.29981	325.42	108.73	48.825597	-86.929538	56117.28	56250.8	-0.75	56116.53	56114.66797	56097.61912	56098.28516	505171.8	5408070.9
L5180.0	505171.7	5408069.7	10874.40039	324.23	110.47	48.825586	-86.929538	56117.79	56250.8	-0.75	56117.03	56115.18750	56097.92603	56098.57813	505171.7	5408069.7
L5180.0	505171.7	5408069.7	10874.50000	325.44	110.47	48.825586	-86.929538	56118.32	56250.8	-0.76	56117.56	56115.73438	56098.88030	56099.51953	505171.7	5408069.7
L5180.0	505171.7	5408068.0	10874.59961	323.87	108.58	48.825571	-86.929538	56118.86	56250.8	-0.76	56118.10	56116.29688	56099.99770	56100.62109	505171.7	5408068.0
L5180.0	505171.7	5408066.3	10874.70020	325.24	106.35	48.825556	-86.929539	56119.43	56250.8	-0.76	56118.67	56116.88281	56101.74367	56102.35547	505171.7	5408066.3
L5180.0	505171.6	5408065.1	10874.79981	324.57	106.35	48.825545	-86.929539	56119.91	56250.8	-0.76	56119.16	56117.39453	56101.54481	56102.14063	505171.6	5408065.1
L5180.0	505171.6	5408063.5	10874.90039	323.60	107.23	48.825530	-86.929540	56120.47	56250.8	-0.76	56119.71	56117.96094	56102.67901	56103.26172	505171.6	5408063.5
L5180.0	505171.6	5408062.5	10875.00000	322.57	106.28	48.825522	-86.929540	56120.98	56250.8	-0.76	56120.22	56118.49219	56102.82023	56103.38672	505171.6	5408062.5
L5180.0	505171.6	5408061.0	10875.09961	319.99	106.28	48.825508	-86.929541	56121.53	56250.8	-0.76	56120.77	56119.05859	56103.81930	56104.37109	505171.6	5408061.0
L5180.0	505171.6	5408061.0	10875.20020	317.86	107.05	48.825508	-86.929541	56122.09	56250.8	-0.76	56121.34	56119.64844	56105.21442	56105.75000	505171.6	5408061.0
L5180.0	505171.5	5408059.0	10875.29981	316.06	107.05	48.825490	-86.929541	56122.59	56250.8	-0.76	56121.84	56120.16797	56104.94782	56105.46875	505171.5	5408059.0
L5180.0	505171.5	5408057.4	10875.40039	318.18	108.88	48.825475	-86.929542	56123.18	56250.8	-0.76	56122.42	56120.76563	56106.45971	56106.96875	505171.5	5408057.4
L5180.0	505171.5	5408057.4	10875.50000	321.73	108.88	48.825475	-86.929542	56123.70	56250.8	-0.76	56122.94	56121.30469	56106.55066	56107.04297	505171.5	5408057.4
L5180.0	505171.4	5408055.5	10875.59961	322.61	101.91	48.825458	-86.929542	56124.27	56250.8	-0.75	56123.51	56121.89063	56107.74615	56108.22266	505171.4	5408055.5
L5180.0	505171.4	5408054.2	10875.70020	322.78	101.91	48.825447	-86.929543	56124.84	56250.8	-0.75	56124.09	56122.49219	56109.14016	56109.60156	505171.4	5408054.2
L5180.0	505171.4	5408052.8	10875.79981	323.23	101.95	48.825434	-86.929543	56125.38	56250.8	-0.75	56124.62	56123.03906	56109.35715	56109.80469	505171.4	5408052.8
L5180.0	505171.4	5408052.8	10875.90039	324.00	105.89	48.825434	-86.929543	56125.86	56250.8	-0.75	56125.11	56123.54688	56108.62388	56109.05859	505171.4	5408052.8
L5180.0	505171.3	5408050.9	10876.00000	323.73	105.89	48.825417	-86.929544	56126.52	56250.8	-0.75	56125.77	56124.22656	56111.81736	56112.23828	505171.3	5408050.9
L5180.0	505171.3	5408049.2	10876.00000	323.73	104.93	48.825401	-86.929545	56127.04	56250.8	-0.75	56126.29	56124.76563	56111.75415	56112.16016	505171.3	5408049.2
L5180.0	505171.2	5408047.9	10876.20020	323.91	104.93	48.825390	-86.929545	56127.58	56250.8	-0.75	56126.83	56125.32422	56112.15114	56112.54297	505171.2	5408047.9
L5180.0	505171.2	5408047.9	10876.29981	324.02	101.72	48.825390	-86.929545	56128.11	56250.8	-0.75	56127.36	56125.87109	56112.31489	56112.69141	505171.2	5408047.9
L5180.0	505171.2	5408046.7	10876.40039	325.75	102.87	48.825379	-86.929546	56128.69	56250.8	-0.75	56127.94	56126.46875	56113.65806	56114.01953	505171.2	5408046.7
L5180.0	505171.1	5408045.0	10876.50000	326.02	102.87	48.825364	-86.929547	56129.22	56250.8	-0.76	56128.47	56127.01563	56113.83812	56114.18750	505171.1	5408045.0
L5180.0	505171.1	5408043.6	10876.59961	327.63	105.71	48.825351	-86.929547	56129.82	56250.8	-0.76	56129.07	56127.63672	56115.67567	56116.01172	505171.1	5408043.6
L5180.0	505171.1	5408043.6	10876.70020	328.05	106.25	48.825351	-86.929547	56130.34	56250.8	-0.76	56129.58	56128.16406	56115.41499	56115.73828	505171.1	5408043.6
L5180.0	505171.0	5408042.0	10876.79981	326.86	106.19	48.825337	-86.929548	56130.89	56250.8	-0.76	56130.13	56128.73047	56116.11180	56116.41797	505171.0	5408042.0
L5180.0	505171.0	5408040.6	10876.90039	326.05	106.19	48.825324	-86.929548	56131.45	56250.8	-0.76	56130.69	56129.30859	56117.05978	56117.35547	505171.0	5408040.6
L5180.0	505171.0	5408039.1	10877.00000	325.98	105.55	48.825311	-86.929549	56131.98	56250.8	-0.76	56131.22	56129.85547	56117.32790	56117.60938	505171.0	5408039.1
L5180.0	505170.9	5408037.6	10877.09961	324.71	102.09	48.825297	-86.929550	56132.56	56250.8	-0.76	56131.80	56130.45313	56118.76941	56119.03906	505170.9	5408037.6
L5180.0	505170.9	5408036.7	10877.20020	324.71	101.03	48.825289	-86.929550	56133.10	56250.8	-0.76	56132.34	56131.01172	56119.30298	56119.55859	505170.9	5408036.7
L5180.0	505170.9	5408035.5	10877.29981	324.02	101.03	48.825278	-86.929550	56133.67	56250.8	-0.75	56132.92	56131.60938	56120.75946	56121.00391	505170.9	5408035.5
L5180.0	505170.9	5408035.5	10877.40039	323.66	104.85	48.825278	-86.929550	56134.23	56250.8	-0.75	56133.47	56132.17578	56121.54086	56121.76953	505170.9	5408035.5
L5180.0	505170.8	5408033.5	10877.50000	322.34	104.85	48.825260	-86.929551	56134.74	56250.8	-0.75	56133.99	56132.71484	56121.66305	56121.87891	505170.8	5408033.5
L5180.0	505170.8	5408032.0	10877.59961	320.82	100.07	48.825247	-86.929551	56135.32	56250.7	-0.75	56134.57	56133.31250	56123.12388	56123.32813	505170.8	5408032.0
L5180.0	505170.8	5408030.6	10877.70020	321.42	100.07	48.825234	-86.929551	56135.84	56250.7	-0.75	56135.10	56133.85938	56123.48411	56123.67578	505170.8	5408030.6
L5180.0	505170.8	5408029.3	10877.79981	320.64	104.17	48.825223	-86.929552	56136.40	56250.7	-0.74	56135.66	56134.43750	56124.49822	56124.67969	505170.8	5408029.3
L5180.0	505170.8	5408029.3	10877.90039	320.45	106.9	48.825223	-86.929552	56136.93	56250.7	-0.74	56136.19	56134.98438	56124.86193	56125.03125	505170.8	5408029.3
L5180.0	505170.8	5408027.7	10878.00000	319.84	106.9	48.825208	-86.929552	56137.46	56250.7	-0.74	56136.72	56135.53125	56125.22324	56125.38281	505170.8	5408027.7
L5180.0	505170.7	5408026.0	10878.00000	319.84	109.49	48.825193	-86.929552	56138.08	56250.7	-0.74	56137.34	56136.17188	56127.46409	56127.61328	505170.7	5408026.0
L5180.0	505170.7	5408024.6	10878.20020	320.92	109.49	48.825180	-86.929552	56138.60	56250.7	-0.74	56137.86	56136.70703	56127.58550	56127.72266	505170.7	5408024.6
L5180.0	505170.7	5408022.9	10878.29981	322.59	110.41	48.825165	-86.929553	56139.12	56250.7	-0.74	56138.38	56137.24609	56127.69564	56127.82031	505170.7	5408022.9
L5180.0	505170.7	5408022.9	10878.40039	321.81	110.41	48.825165	-86.929553	56139.70	56250.7	-0.74	56138.95	56137.83203	56128.82217	56128.93750	505170.7	5408022.9
L5180.0	505170.7	5408021.4	10878.50000	321.55	112	48.825152	-86.929553	56140.20	56250.7	-0.74	56139.45	56138.34766	56128.48342	56128.58984	505170.7	5408021.4
L5180.0	505170.7	5408020.0	10878.59961	320.41	112	48.825139	-86.929553	56140.78	56250.7	-0.75	56140.04	56138.95703	56129.97777	56130.07422	505170.7	5408020.0
L5180.0	505170.6	5408018.5	10878.70020	319.43	110.48	48.825126	-86.929554	56141.26	56250.7	-0.75	56140.51	56139.44531	56128.97977	56129.06641	505170.6	5408018.5
L5180.0	505170.6	5408018.5	10878.79981	319.34	110.48	48.825126	-86.929554	56141.88	56250.7	-0.75	56141.13	56140.08203	56131.05337	56131.12891	505170.6	5408018.5
L5180.0	505170.6	5408016.4	10878.90039	318.07	110.55	48.825106	-86.929554	56142.38	56250.7	-0.75	56141.63	56140.59766	56130.62989	56130.69922	505170.6	5408016.4
L5180.0	505170.6	5408016.4	10879.00000	319.32	114.01	48.825106	-86.929554	56142.93	56250.8	-0.75	56142.18	56141.16406	56131.22101	56131.28125	505170.6	5408016.4
L5180.0	505170.6	5408014.9	10879.09961	318.61	115.46	48.825094	-86.929554	56143.49	56250.8	-0.75	56142.74	56141.74219	56132.00423	56132.05469	505170.6	5408014.9
L5180.0	505170.6	5408013.3	10879.20020	319.87	115.46	48.825078	-86.929555	56144.04	56250.8	-0.75	56143.29	56142.30859	56132.56326	56132.60547	505170.6	5408013.3
L5180.0	505170.5	5408011.8	10879.29981	321.50	114.9	48.825065	-86.929555	56144.58	56250.8	-0.75	56143.83	56142.86719	56132.89586	56132.92969	505170.5	5408011.8
L5180.0	505170.5	5408010.4	10879.40039	322.57	114.9	48.825052	-86.929555	56145.16	56250.8	-0.75	56144.41	56143.46484	56134.06329	56134.08984	505170.5	5408010.4
L5180.0	505170.5	5408010.4	10879.50000	323.61	116.9	48.825052	-86.929555	56145.66	56250.8	-0.75	56144.91	56143.98047	56133.51095	56133.53125	505170.5	5408010.4
L5180.0	505170.5	5408008.7	10879.59961	322.79	118.2	48.825038	-86.929556	56146.20	56250.8	-0.75	56145.45	56144.53906	56133.79354	56133.80469	505170.5	5408008.7
L5180.0	505170.5	5408007.3	10879.70020	321.96	118.2	48.825025	-86.929556	56146.74	56250.8	-0.75	56145.99	56145.09375	56134.05929	56134.06641	505170.5	5408007.3
L5180.0	505170.5	5408005.8	10879.79981	323.43	118.2	48.825012	-86.929556	56147.32	56250.8	-0.75	56146.57	56145.69141	56135.17671	56135.17578	505170.5	5408005.8
L5180.0	505170.4	5408004.4	10879.90039	322.86	118.2	48.824999	-86.929556	56147.91	56250.8	-0.75	56147.16	56146.29688	56136.50075	56136.49219	505170.4	5408004.4
L5180.0	505170.4	5408004.4	10880.00000	323.74	118.2	48.824999	-86.929556	56148.47	56250.8	-0.75	56147.72	56146.87500	56137.15532	56137.14063	505170.4	5408004.4
L5180.0	505170.4	5408002.9	10880.00000	323.74	118.2	48.824985	-86.929557	56149.00	56250.8	-0.75	56148.25	56147.42188	56137.13199	56137.11328	505170.4	5408002.9

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5180.0	505170.4	5408001.5	10880.09961	324.53	117.69	48.824973	-86.929557	56149.56	56250.8	-0.75	56148.81	56148.00000	56137.74510	56137.71875	505170.4	5408001.5
L5180.0	505170.4	5408001.5	10880.20020	327.05	117.69	48.824973	-86.929557	56150.11	56250.8	-0.75	56149.36	56148.56641	56138.11549	56138.08594	505170.4	5408001.5
L5180.0	505170.4	5407998.8	10880.29981	325.62	117.69	48.824948	-86.929558	56150.67	56250.8	-0.76	56149.91	56149.13281	56138.46156	56138.42578	505170.4	5407998.8
L5180.0	505170.4	5407998.8	10880.50000	324.86	117.69	48.824948	-86.929558	56151.19	56250.8	-0.76	56150.43	56149.67188	56138.12027	56138.07813	505170.4	5407998.8
L5180.0	505170.3	5407997.2	10880.59961	322.60	117.69	48.824934	-86.929558	56151.77	56250.8	-0.76	56151.01	56150.26953	56139.07688	56139.03125	505170.3	5407997.2
L5180.0	505170.3	5407995.7	10880.70020	320.31	117.69	48.824921	-86.929559	56152.34	56250.8	-0.76	56151.58	56150.85547	56139.78512	56139.73438	505170.3	5407995.7
L5180.0	505170.3	5407995.7	10880.79981	321.11	117.69	48.824921	-86.929559	56152.95	56250.8	-0.77	56152.19	56151.48438	56141.34331	56141.28906	505170.3	5407995.7
L5180.0	505170.2	5407994.1	10880.90039	320.87	117.69	48.824906	-86.929559	56153.53	56250.8	-0.77	56152.76	56152.07031	56141.98629	56141.92969	505170.2	5407994.1
L5180.0	505170.2	5407992.6	10881.00000	320.75	117.69	48.824892	-86.929560	56154.06	56250.8	-0.77	56153.29	56152.61719	56141.71688	56141.65625	505170.2	5407992.6
L5180.0	505170.2	5407991.0	10881.09961	321.92	117.69	48.824878	-86.929560	56154.70	56250.8	-0.77	56153.93	56153.27344	56143.81227	56143.74609	505170.2	5407991.0
L5180.0	505170.2	5407991.0	10881.20020	324.46	117.69	48.824878	-86.929560	56155.24	56250.8	-0.77	56154.47	56153.83203	56143.68012	56143.61328	505170.2	5407991.0
L5180.0	505170.1	5407989.3	10881.29981	325.98	117.69	48.824863	-86.929561	56155.84	56250.8	-0.77	56155.07	56154.44922	56144.80753	56144.73438	505170.1	5407989.3
L5180.0	505170.1	5407987.8	10881.40039	323.75	117.69	48.824849	-86.929561	56156.41	56250.8	-0.77	56155.64	56155.03516	56145.23384	56145.16016	505170.1	5407987.8
L5180.0	505170.1	5407986.6	10881.50000	323.69	117.69	48.824839	-86.929562	56156.99	56250.8	-0.76	56156.23	56155.64453	56146.04170	56145.96484	505170.1	5407986.6
L5180.0	505170.1	5407984.9	10881.59961	322.44	117.69	48.824824	-86.929562	56157.56	56250.8	-0.76	56156.79	56156.21875	56146.14844	56146.07031	505170.1	5407984.9
L5180.0	505170.1	5407983.8	10881.70020	321.64	117.69	48.824813	-86.929562	56158.19	56250.8	-0.76	56157.43	56156.87891	56147.92812	56147.84766	505170.1	5407983.8
L5180.0	505170.1	5407983.8	10881.79981	321.29	117.69	48.824813	-86.929562	56158.73	56250.8	-0.76	56157.97	56157.43359	56147.49398	56147.41016	505170.1	5407983.8
L5180.0	505170.1	5407982.0	10881.90039	319.72	117.69	48.824797	-86.929562	56159.36	56250.8	-0.76	56158.60	56158.08203	56148.94785	56148.86328	505170.1	5407982.0
L5180.0	505170.1	5407980.6	10882.00000	321.45	117.69	48.824785	-86.929562	56159.93	56250.8	-0.76	56159.17	56158.66797	56149.05205	56148.96484	505170.1	5407980.6
L5180.0	505170.1	5407978.9	10882.00000	321.45	117.69	48.824770	-86.929562	56160.58	56250.8	-0.76	56159.82	56159.33594	56150.83231	56150.74219	505170.1	5407978.9
L5180.0	505170.1	5407978.9	10882.20020	320.62	117.69	48.824770	-86.929562	56161.15	56250.8	-0.77	56160.38	56159.91406	56150.61334	56150.52344	505170.1	5407978.9
L5180.0	505170.1	5407977.2	10882.29981	320.71	130	48.824754	-86.929561	56161.73	56250.8	-0.77	56160.96	56160.51172	56150.77561	56150.68359	505170.1	5407977.2
L5180.0	505170.1	5407975.8	10882.40039	321.31	130	48.824741	-86.929561	56162.33	56250.8	-0.77	56161.56	56161.12891	56151.32253	56151.23047	505170.1	5407975.8
L5180.0	505170.1	5407974.2	10882.50000	322.24	130	48.824727	-86.929561	56162.94	56250.8	-0.78	56162.16	56161.74609	56151.82243	56151.73047	505170.1	5407974.2
L5180.0	505170.1	5407974.2	10882.59961	322.37	130	48.824727	-86.929561	56163.59	56250.8	-0.78	56162.81	56162.41406	56153.36043	56153.26563	505170.1	5407974.2
L5180.0	505170.2	5407971.8	10882.70020	323.47	130	48.824705	-86.929561	56164.16	56250.8	-0.78	56163.38	56163.00000	56153.11730	56153.02344	505170.2	5407971.8
L5180.0	505170.2	5407971.8	10882.79981	323.71	130	48.824705	-86.929561	56164.78	56250.8	-0.78	56164.00	56163.63672	56153.91091	56153.81641	505170.2	5407971.8
L5180.0	505170.2	5407970.6	10882.90039	324.24	130	48.824694	-86.929561	56165.39	56250.8	-0.79	56164.60	56164.25391	56154.22594	56154.12891	505170.2	5407970.6
L5180.0	505170.2	5407969.0	10883.00000	323.64	130	48.824680	-86.929561	56166.06	56250.8	-0.79	56165.26	56164.93359	56155.78566	56155.69141	505170.2	5407969.0
L5180.0	505170.2	5407967.3	10883.09961	323.25	130	48.824665	-86.929561	56166.64	56250.8	-0.79	56165.85	56165.53906	56155.79181	56155.69531	505170.2	5407967.3
L5180.0	505170.2	5407966.1	10883.20020	322.38	130	48.824654	-86.929560	56167.30	56250.8	-0.79	56166.51	56166.21875	56157.24422	56157.14844	505170.2	5407966.1
L5180.0	505170.2	5407966.1	10883.29981	323.41	130	48.824654	-86.929560	56167.89	56250.8	-0.79	56167.10	56166.82422	56157.15130	56157.05469	505170.2	5407966.1
L5180.0	505170.2	5407964.2	10883.40039	324.67	130	48.824637	-86.929560	56168.58	56250.8	-0.79	56167.79	56167.53125	56159.12439	56159.02734	505170.2	5407964.2
L5180.0	505170.2	5407962.6	10883.50000	322.61	130	48.824622	-86.929560	56169.16	56250.8	-0.79	56168.37	56168.12891	56158.71208	56158.61719	505170.2	5407962.6
L5180.0	505170.2	5407962.6	10883.59961	324.12	130	48.824622	-86.929560	56169.86	56250.8	-0.79	56169.07	56168.84766	56160.77160	56160.67578	505170.2	5407962.6
L5180.0	505170.2	5407960.4	10883.70020	326.68	130	48.824603	-86.929560	56170.46	56250.8	-0.79	56169.67	56169.46484	56160.66584	56160.57031	505170.2	5407960.4
L5180.0	505170.2	5407960.4	10883.79981	325.01	130	48.824603	-86.929560	56171.14	56250.8	-0.79	56170.35	56170.16016	56162.18157	56162.08594	505170.2	5407960.4
L5180.0	505170.2	5407958.8	10883.90039	323.97	130	48.824588	-86.929560	56171.74	56250.8	-0.79	56170.95	56170.77734	56161.95600	56161.85938	505170.2	5407958.8
L5180.0	505170.2	5407957.1	10884.00000	317.73	130	48.824573	-86.929560	56172.49	56250.8	-0.79	56171.70	56171.54688	56164.82777	56164.73047	505170.2	5407957.1
L5180.0	505170.2	5407957.1	10884.00000	317.73	130	48.824573	-86.929560	56173.12	56250.8	-0.79	56172.33	56172.19531	56165.11702	56165.01953	505170.2	5407957.1
L5180.0	505170.2	5407955.5	10884.20020	318.02	130	48.824558	-86.929560	56173.79	56250.8	-0.79	56173.00	56172.87891	56166.19539	56166.09766	505170.2	5407955.5
L5180.0	505170.3	5407954.3	10884.29981	316.20	130	48.824548	-86.929560	56174.42	56250.8	-0.79	56173.64	56173.53906	56166.58090	56166.48438	505170.3	5407954.3
L5180.0	505170.3	5407952.8	10884.40039	318.95	130	48.824534	-86.929559	56175.08	56250.8	-0.79	56174.30	56174.21484	56167.33757	56167.24219	505170.3	5407952.8
L5180.0	505170.3	5407951.4	10884.50000	320.15	130	48.824522	-86.929559	56175.73	56250.8	-0.79	56174.95	56174.88281	56167.82416	56167.72656	505170.3	5407951.4
L5180.0	505170.3	5407951.4	10884.59961	321.44	130	48.824522	-86.929559	56176.37	56250.8	-0.78	56175.58	56175.52734	56167.81627	56167.71875	505170.3	5407951.4
L5180.0	505170.3	5407949.8	10884.70020	323.64	130	48.824507	-86.929558	56177.06	56250.8	-0.78	56176.28	56176.24609	56169.29125	56169.19531	505170.3	5407949.8
L5180.0	505170.4	5407948.4	10884.79981	325.24	130	48.824495	-86.929558	56177.73	56250.8	-0.78	56176.95	56176.93359	56170.06222	56169.96484	505170.4	5407948.4
L5180.0	505170.4	5407947.4	10884.90039	325.76	124.48	48.824486	-86.929558	56178.45	56250.8	-0.78	56177.67	56177.67188	56171.91882	56171.82031	505170.4	5407947.4
L5180.0	505170.4	5407946.0	10885.00000	325.08	118.97	48.824474	-86.929558	56179.10	56250.8	-0.78	56178.32	56178.33594	56172.15708	56172.05859	505170.4	5407946.0
L5180.0	505170.4	5407945.1	10885.09961	326.01	118.97	48.824465	-86.929557	56179.78	56250.8	-0.78	56179.00	56179.03516	56173.03876	56172.94141	505170.4	5407945.1
L5180.0	505170.4	5407945.1	10885.20020	325.93	118.97	48.824465	-86.929557	56180.50	56250.8	-0.78	56179.71	56179.76172	56174.58938	56174.48828	505170.4	5407945.1
L5180.0	505170.5	5407942.0	10885.29981	326.09	118.97	48.824437	-86.929556	56181.18	56250.8	-0.79	56180.39	56180.45703	56175.41404	56175.31250	505170.5	5407942.0
L5180.0	505170.5	5407942.0	10885.40039	326.89	118.97	48.824437	-86.929556	56181.83	56250.8	-0.79	56181.04	56181.12500	56175.49533	56175.39453	505170.5	5407942.0
L5180.0	505170.5	5407940.6	10885.50000	327.81	118.97	48.824424	-86.929556	56182.49	56250.8	-0.79	56181.70	56181.80078	56175.77945	56175.67969	505170.5	5407940.6
L5180.0	505170.5	5407939.2	10885.59961	327.46	118.97	48.824412	-86.929556	56183.20	56250.8	-0.79	56182.41	56182.52734	56177.23656	56177.13281	505170.5	5407939.2
L5180.0	505170.5	5407937.5	10885.70020	326.64	118.97	48.824397	-86.929556	56183.84	56250.8	-0.79	56183.05	56183.18359	56176.98793	56176.88281	505170.5	5407937.5
L5180.0	505170.5	5407936.4	10885.79981	326.64	118.97	48.824386	-86.929556	56184.54	56250.8	-0.80	56183.74	56183.89063	56177.91989	56177.81641	505170.5	5407936.4
L5180.0	505170.5	5407935.0	10885.90039	326.56	117.92	48.824374	-86.929556	56185.23	56250.8	-0.80	56184.44	56184.60547	56179.06976	56178.96484	505170.5	5407935.0
L5180.0	505170.5	5407935.0	10886.00000	327.12	117.92	48.824374	-86.929556	56185.89	56250.8	-0.80	56185.09	56185.27344	56179.00047	56178.89453	505170.5	5407935.0
L5180.0	505170.5	5407933.1	10886.00000	327.12	118.27	48.824357	-86.929557	56186.62	56250.8	-0.80	56185.82	56186.01953	56180.82106	56180.71094	505170.5	5407933.1
L5180.0	505170.5	5407931.9	10886.20020	327.12	118.27	48.824346	-86.929557	56187.28	56250.8	-0.80	56186.47	56186.68359	56180.71829	56180.60938	505170.5	5407931.9
L5180.0	505170.4	5407931.0	10886.29981	325.75	118.27	48.824338	-86.929557	56188.00	56250.8	-0.81	56187.20	56187.42969	56182.48208	56182.37109	505170.4	5407931.0
L5180.0	505170.4	5407929.7	10886.40039	324.37	118.27	48.824326	-86.929558	56188.74	56250.8	-0.81	56187.93	56188.17578	56184.20951	56184.09766	505170.4	5407929.7
L5180.0	505170.4	5407928.4	10886.50000	326.81	118.27	48.824315	-86.929558	56189.38	56250.8	-0.81	56188.56	56188.82422	56183.59630	56183.48047	505170.4	5407928.4
L5180.0	505170.4	5407928.4	10886.59961	325.86	118.27	48.824315	-86.929558	56190.10	56250.8	-0.81	56189.29	56189.56641	56185.27229	56185.15625	505170.4	5407928.4
L5180.0	505170.3	5407926.9	10886.70020	324.04	114.48	48.824301	-86.929559	56190.76	56250.8	-0.81	56189.94	56190.23438	56185.10153	56184.98438	505170.3	5407926.9
L5180.0	505170.3	5407925.3	10886.79981	320.23	114.48	48.824287	-86.929560	56191.47	56250.8	-0.82	56190.66	56190.96875	56186.50432	56186.38281	505170.3	5407925.3
L5180.0	505170.2	5407923.7	10886.90039	321.51	116.43	48.824273	-86.929560	56192.18	56250.8	-0.82	56191.37	56191.69531	56187.66055	56187.53516	505170.2	5407923.7
L5180.0	505170.2	5407923.7	10887.00000	319.97	116.43	48.824273	-86.929560	56192.89	56250.8	-0.82	56192.07	56192.41016	56188.57779	56188.45313	505170.2	5407923.7
L5180.0	505170.2	5407922.1	10887.09961	319.89	116.43	48.824259	-86.929561	56193.54	56250.8	-0.82	56192.72	56193.07422	56188.37658	56188.25000	505170.2	5407922.1
L5180.0	505170.2	5407921.0	10887.20020	319.87	116.43	48.824249	-86.929561	56194.28	56250.8	-0.82	56193.46	56193.82813	56190.16164	56190.03125	505170.2	5407921.0
L5180.0	505170.2	5407919.7	10887.29981	321.27	116.43	48.824237	-86.929561	56194.99	56250.8	-0.82	56194.17	56194.55469	56191.27577	56191.14063	505170.2	5407919.7
L5180.0	505170.1	5407918.4	10887.40039	321.57	116.43	48.824225	-86.929562	56195.69	56250.8	-0.82	56194.87	56195.26953	56192.16749	56192.03125	505170.1	5407918.4
L5180.0	505170.1	5407918.4	10887.50000	322.45	116.43	48.824225	-86.929562	56196.45	56250.8	-0.82	56195.63	56196.04297	56194.38011	56194.24219	505170.1	5407918.4
L5180.0	505170.1	5407916.4	10887.59961	325.21	115.58	48.824207	-86.929562	56197.14	56250.8	-0.81	56196.33	56196.75781	56195.27988	56195.13672	505170.1	5407916.4
L5180.0	505170.1	5407915.1	10887.70020	325.48	115.58	48.824195	-86.929563	56197.85	56250.8	-0.81	56197.04	56197.48438	56196.41053	56196.26563	505170.1	5407915.1
L5180.0	505170.1	5407915.1	10887.79981	325.06	115.61	48.824195	-86.929563	56198.56	56250.8	-0.81	56197.75	56198.20703	56197.55682	56197.41016	505170.1	5407915.1
L5180.0	505170.1	5407913.8	10887.90039	323.96	117.41	48.824183	-86.929563	56199.28	56250.8	-0.81	56198.47	56198.94141	56198.94617	56198.79688	505170.1	5407913.8
L5180.0	505170.1	5407912.7	10888.00000	324.37	117.41	48.824174	-86.929563	56200.02	56250.8	-0.81	56199.21	56199.69531	56200.81144	56200.65625	505170.1	5407912.7
L5180.0	505170.1	5407911.2	10888.00000	324.37	117.41	48.824160	-86.929563	56200.71	56250.8	-0.81	56199.90	56200.39844	56201.58837	56201.42969	505170.1	5407911.2
L5180.0	505170.1	5407909.9	10888.20020	324.23	117.41	48.824149	-86.929563	56201.46	56250.8	-0.82	56200.64	56201.15234	56203.52937	56203.36719	505170.1	5407909.9
L5180.0	505170.1	5407909.9	10888.29981	323.15	113.37	48.824149	-86.929563	56202.18	56250.8	-0.82	56201.36	56201.88672	56205.06158	56204.89844	505170.1	5407909.9
L5180.0	505170.1	5407908.9	10888.40039	321.52	113.37	48.824139	-86.929563	56202.86	56250.8	-0.82	56202.03	56202.57031	56205.48562	56205.32031	505170.1	5407908.9
L5180.0	505170.1	5407907.4	10888.50000	320.13	113.37	48.824126	-86.929562	56203.50	56250.8	-0.82	56202.68	56203.23438	56205.47560	56205.30469	505170.1	5407907.4
L5180.0	505170.1	5407907.4	10888.59961	322.92	113.37	48.824126	-86.929562	56204.20	56250.8	-0.83	56203.37	56203.93750	56206.42902	56206.25391	505170.1	5407907.4
L5180.0	505170.2	5407904.7	10888.70020	325.00	113.37	48.824102	-86.929561	56204.85	56250.8	-0.83	56204.02	56204.60156	56206.48399	56206.30859	505170.2	5407904.7
L5180.0	505170.2	5407904.7	10888.79981	323.92	116.49	48.824102	-86.929561	56205.54	56250.8	-0.83	56204.70	56205.29297	56207.28523	56207.10547	505170.2	5407904.7
L5180.0	505170.2	5407903.3	10888.90039	324.26	116.49	48.824090	-86.929560	56206.22	56250.8	-0.84	56205.38	56205.98828	56208.13434	56207.94922	505170.2	5407903.3
L5180.0	505170.2	5407903.3	10889.00000	325.41	116.19	48.824090	-86.929560	56206.91	56250.8	-0.84	56206.07	56206.69141	56209.27324	56209.08594	505170.2	5407903.3
L5180.0	505170.3	5407902.3	10889.09961	327.33	114.92	48.824081	-86.929560	56207.58	56250.8	-0.84	56206.74	56207.37109	56209.98893	56209.80078	505170.3	5407902.3
L5180.0	505170.3	5407900.8	10889.20020	327.50	114.92	48.824067	-86.929559	56208.27	56250.8	-0.84	56207.43	56208.07422	56211.24021	56211.04688	505170.3	5407900.8
L5180.0	505170.4	5407899.7	10889.29981	326.72	105.27	48.824057	-86.929559	56208.93	56250.8	-0.84	56208.09	56208.74609	56211.83092	56211.63672	505170.4	5407899.7
L5180.0	505170.4	5407899.7	10889.40039	325.22	105.27	48.824057	-86.929559	56209.54	56250.8	-0.84	56208.70	56209.37109	56211.27938	56211.08203	505170.4	5407899.7

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5180.0	505170.4	5407898.3	10889.50000	324.64	115.63	48.824044	-86.929558	56210.23	56250.8	-0.83	56209.40	56210.08203	56212.95651	56212.75391	505170.4	5407898.3
L5180.0	505170.4	5407897.4	10889.59961	325.11	115.63	48.824036	-86.929558	56210.93	56250.8	-0.83	56210.10	56210.79297	56214.69986	56214.49609	505170.4	5407897.4
L5180.0	505170.4	5407896.2	10889.70020	325.89	114.87	48.824026	-86.929558	56211.58	56250.8	-0.83	56210.75	56211.45703	56215.30739	56215.10156	505170.4	5407896.2
L5180.0	505170.5	5407894.8	10889.79981	327.25	114.87	48.824012	-86.929558	56212.23	56250.8	-0.83	56211.39	56212.10938	56215.74480	56215.53516	505170.5	5407894.8
L5180.0	505170.5	5407894.0	10889.90039	327.03	117.81	48.824005	-86.929558	56212.88	56250.8	-0.83	56212.05	56212.77734	56216.73430	56216.52344	505170.5	5407894.0
L5180.0	505170.5	5407892.9	10890.00000	327.97	117.81	48.823996	-86.929558	56213.50	56250.8	-0.83	56212.67	56213.41016	56216.84012	56216.62500	505170.5	5407892.9
L5180.0	505170.5	5407892.9	10890.00000	327.97	118.59	48.823996	-86.929558	56214.16	56250.8	-0.83	56213.33	56214.08203	56217.97841	56217.76172	505170.5	5407892.9
L5180.0	505170.5	5407891.8	10890.20020	327.86	118.59	48.823986	-86.929558	56214.85	56250.8	-0.83	56214.02	56214.78125	56219.90420	56219.68359	505170.5	5407891.8
L5180.0	505170.4	5407891.0	10890.29981	326.51	118.59	48.823978	-86.929558	56215.46	56250.8	-0.83	56214.62	56215.39453	56219.76945	56219.54688	505170.4	5407891.0
L5180.0	505170.4	5407889.9	10890.40039	324.07	118.59	48.823969	-86.929558	56216.16	56250.8	-0.83	56215.32	56216.10547	56222.07997	56221.85547	505170.4	5407889.9
L5180.0	505170.4	5407888.6	10890.50000	324.12	118.59	48.823957	-86.929558	56216.76	56250.8	-0.83	56215.93	56216.72656	56222.34508	56222.12109	505170.4	5407888.6
L5180.0	505170.4	5407888.6	10890.59961	323.47	118.59	48.823957	-86.929558	56217.42	56250.8	-0.84	56216.59	56217.39844	56223.86714	56223.64063	505170.4	5407888.6
L5180.0	505170.4	5407887.8	10890.70020	323.30	118.59	48.823949	-86.929558	56218.04	56250.8	-0.84	56217.20	56218.01563	56224.30136	56224.07422	505170.4	5407887.8
L5180.0	505170.4	5407886.6	10890.79981	323.77	118.59	48.823939	-86.929559	56218.73	56250.8	-0.84	56217.90	56218.72656	56226.91395	56226.68750	505170.4	5407886.6
L5180.0	505170.4	5407885.4	10890.90039	322.71	118.59	48.823928	-86.929559	56219.36	56250.8	-0.84	56218.52	56219.35938	56227.74749	56227.51953	505170.4	5407885.4
L5180.0	505170.4	5407884.4	10891.00000	323.30	118.59	48.823919	-86.929559	56220.00	56250.8	-0.84	56219.16	56220.00781	56229.12947	56228.90234	505170.4	5407884.4
L5180.0	505170.4	5407883.8	10891.09961	323.61	118.61	48.823914	-86.929558	56220.54	56250.8	-0.84	56219.70	56220.55859	56228.29742	56228.06641	505170.4	5407883.8
L5180.0	505170.4	5407883.8	10891.20020	323.52	114.03	48.823914	-86.929558	56221.16	56250.8	-0.84	56220.32	56221.18750	56229.39851	56229.16797	505170.4	5407883.8
L5180.0	505170.4	5407882.5	10891.29981	323.26	114.03	48.823902	-86.929558	56221.68	56250.8	-0.85	56220.84	56221.71875	56228.30288	56228.07422	505170.4	5407882.5
L5180.0	505170.4	5407882.5	10891.40039	323.86	113.92	48.823902	-86.929558	56222.28	56250.8	-0.85	56221.43	56222.31641	56228.90377	56228.67578	505170.4	5407882.5
L5180.0	505170.5	5407880.8	10891.50000	324.15	113.92	48.823887	-86.929558	56222.84	56250.8	-0.85	56221.99	56222.88672	56228.91483	56228.68750	505170.5	5407880.8
L5180.0	505170.5	5407880.8	10891.59961	325.02	114.22	48.823887	-86.929558	56223.32	56250.9	-0.85	56222.47	56223.37891	56227.20564	56226.98047	505170.5	5407880.8
L5180.0	505170.5	5407879.8	10891.70020	324.83	114.77	48.823877	-86.929557	56223.94	56250.9	-0.85	56223.08	56223.99609	56228.54262	56228.31641	505170.5	5407879.8
L5180.0	505170.5	5407878.9	10891.79981	323.57	114.77	48.823870	-86.929557	56224.52	56250.9	-0.86	56223.66	56224.58594	56229.29218	56229.07031	505170.5	5407878.9
L5180.0	505170.6	5407878.0	10891.90039	323.62	114.32	48.823862	-86.929556	56225.11	56250.9	-0.86	56224.25	56225.18359	56230.36091	56230.14063	505170.6	5407878.0
L5180.0	505170.6	5407877.4	10892.00000	324.70	114.32	48.823857	-86.929556	56225.75	56250.9	-0.86	56224.89	56225.83594	56232.64863	56232.42969	505170.6	5407877.4
L5180.0	505170.6	5407877.4	10892.00000	324.70	112.46	48.823857	-86.929556	56226.28	56250.9	-0.86	56225.42	56226.37500	56232.55583	56232.33984	505170.6	5407877.4
L5180.0	505170.6	5407876.4	10892.20020	326.45	112.07	48.823848	-86.929555	56226.95	56250.9	-0.86	56226.10	56227.06250	56235.92890	56235.71484	505170.6	5407876.4
L5180.0	505170.7	5407875.6	10892.29981	324.19	111.3	48.823840	-86.929555	56227.52	56250.9	-0.86	56226.67	56227.64063	56236.93076	56236.71875	505170.7	5407875.6
L5180.0	505170.7	5407874.8	10892.40039	321.69	111.3	48.823832	-86.929554	56228.07	56250.9	-0.86	56227.21	56228.19141	56237.36369	56237.15625	505170.7	5407874.8
L5180.0	505170.7	5407874.8	10892.50000	321.28	112.02	48.823832	-86.929554	56228.56	56250.9	-0.85	56227.70	56228.68750	56236.78435	56236.58203	505170.7	5407874.8
L5180.0	505170.8	5407873.8	10892.59961	320.50	112.02	48.823824	-86.929554	56229.12	56250.9	-0.85	56228.26	56229.25781	56237.87925	56237.67969	505170.8	5407873.8
L5180.0	505170.8	5407872.7	10892.70020	322.02	112.86	48.823814	-86.929553	56229.60	56250.9	-0.85	56228.74	56229.74609	56237.29603	56237.10156	505170.8	5407872.7
L5180.0	505170.8	5407872.7	10892.79981	321.81	113.03	48.823814	-86.929553	56230.14	56250.9	-0.85	56229.29	56230.30469	56238.39163	56238.20313	505170.8	5407872.7
L5180.0	505170.9	5407871.8	10892.90039	322.24	111.67	48.823806	-86.929552	56230.60	56250.9	-0.85	56229.75	56230.77344	56237.58776	56237.40234	505170.9	5407871.8
L5180.0	505170.9	5407870.8	10893.00000	322.37	113.33	48.823797	-86.929552	56231.20	56250.8	-0.85	56230.35	56231.37891	56240.04116	56239.86328	505170.9	5407870.8
L5180.0	505170.9	5407870.0	10893.09961	321.88	113.85	48.823790	-86.929551	56231.68	56250.8	-0.85	56230.83	56231.86719	56239.92416	56239.75391	505170.9	5407870.0
L5180.0	505171.0	5407869.5	10893.20020	322.05	113.85	48.823785	-86.929551	56232.28	56250.8	-0.84	56231.43	56232.47656	56242.63596	56242.46875	505171.0	5407869.5
L5180.0	505171.0	5407869.5	10893.29981	322.26	114.35	48.823785	-86.929551	56232.78	56250.8	-0.84	56231.94	56232.99609	56243.45195	56243.29297	505171.0	5407869.5
L5180.0	505171.0	5407868.8	10893.40039	322.70	113.22	48.823778	-86.929551	56233.38	56250.8	-0.84	56232.54	56233.60156	56246.44408	56246.29297	505171.0	5407868.8
L5180.0	505171.0	5407868.0	10893.50000	323.00	112.37	48.823772	-86.929550	56233.89	56250.8	-0.83	56233.05	56234.12109	56247.53575	56247.39063	505171.0	5407868.0
L5180.0	505171.0	5407867.3	10893.59961	320.79	112.37	48.823765	-86.929550	56234.50	56250.8	-0.83	56233.66	56234.73828	56251.05294	56250.91797	505171.0	5407867.3
L5180.0	505171.1	5407866.5	10893.70020	321.28	112.57	48.823758	-86.929550	56234.88	56250.8	-0.83	56234.05	56235.13672	56249.68388	56249.55469	505171.1	5407866.5
L5180.0	505171.1	5407866.0	10893.79981	322.58	112.57	48.823754	-86.929549	56235.41	56250.8	-0.83	56234.59	56235.68359	56251.89276	56251.77344	505171.1	5407866.0
L5180.0	505171.1	5407866.0	10893.90039	324.13	114	48.823754	-86.929549	56235.78	56250.8	-0.82	56234.95	56236.05078	56250.10587	56249.99609	505171.1	5407866.0
L5180.0	505171.1	5407865.3	10894.00000	326.01	109.91	48.823747	-86.929549	56236.31	56250.8	-0.82	56235.49	56236.59766	56252.61419	56252.51172	505171.1	5407865.3
L5180.0	505171.2	5407864.5	10894.00000	326.01	109.91	48.823740	-86.929548	56236.62	56250.8	-0.82	56235.80	56236.91406	56249.96416	56249.87109	505171.2	5407864.5
L5180.0	505171.2	5407864.1	10894.20020	327.33	110.96	48.823736	-86.929548	56237.13	56250.8	-0.83	56236.30	56237.42188	56251.86211	56251.78125	505171.2	5407864.1
L5180.0	505171.3	5407863.5	10894.29981	325.74	109.34	48.823731	-86.929547	56237.51	56250.8	-0.83	56236.68	56237.80859	56251.14675	56251.07422	505171.3	5407863.5
L5180.0	505171.3	5407862.9	10894.40039	325.01	109.34	48.823726	-86.929547	56237.90	56250.8	-0.83	56237.07	56238.20703	56250.83151	56250.76953	505171.3	5407862.9
L5180.0	505171.4	5407862.3	10894.50000	325.11	109.8	48.823720	-86.929546	56238.30	56250.8	-0.83	56237.46	56238.60547	56250.69239	56250.64453	505171.4	5407862.3
L5180.0	505171.4	5407862.3	10894.59961	325.24	110.32	48.823720	-86.929546	56238.70	56250.8	-0.84	56237.87	56239.02344	56251.19942	56251.16016	505171.4	5407862.3
L5180.0	505171.4	5407861.7	10894.70020	323.73	110.22	48.823715	-86.929545	56239.05	56250.8	-0.84	56238.21	56239.36719	56250.27805	56250.25000	505171.4	5407861.7
L5180.0	505171.5	5407861.3	10894.79981	323.57	110.22	48.823711	-86.929544	56239.43	56250.8	-0.84	56238.58	56239.74609	56250.24893	56250.23438	505171.5	5407861.3
L5180.0	505171.5	5407860.7	10894.90039	323.65	109.71	48.823706	-86.929544	56239.84	56250.8	-0.85	56238.99	56240.16406	56251.35148	56251.34766	505171.5	5407860.7
L5180.0	505171.5	5407860.2	10895.00000	324.16	109.7	48.823701	-86.929543	56240.14	56250.8	-0.85	56239.29	56240.46875	56250.12152	56250.13281	505171.5	5407860.2
L5180.0	505171.6	5407859.8	10895.09961	323.38	109.7	48.823698	-86.929543	56240.52	56250.8	-0.85	56239.67	56240.85547	56250.96096	56250.98438	505171.6	5407859.8
L5180.0	505171.6	5407859.8	10895.20020	322.04	109.03	48.823698	-86.929543	56240.85	56250.8	-0.85	56240.00	56241.19531	56250.86411	56250.90234	505171.6	5407859.8
L5180.0	505171.6	5407859.3	10895.29981	323.36	108.48	48.823694	-86.929542	56241.22	56250.8	-0.85	56240.37	56241.57031	56251.92494	56251.97656	505171.6	5407859.3
L5180.0	505171.7	5407858.8	10895.40039	321.57	108.48	48.823689	-86.929542	56241.52	56250.8	-0.85	56240.67	56241.87891	56251.58611	56251.65234	505171.7	5407858.8
L5180.0	505171.7	5407858.4	10895.50000	321.68	108.78	48.823685	-86.929541	56241.88	56250.8	-0.85	56241.03	56242.24609	56252.88701	56252.96484	505171.7	5407858.4
L5180.0	505171.8	5407858.0	10895.59961	321.81	109.36	48.823681	-86.929540	56242.18	56250.8	-0.84	56241.34	56242.56250	56253.25847	56253.35156	505171.8	5407858.0
L5180.0	505171.8	5407858.0	10895.70020	322.99	109.36	48.823681	-86.929540	56242.50	56250.8	-0.84	56241.66	56242.88672	56254.11266	56254.22266	505171.8	5407858.0
L5180.0	505171.8	5407857.6	10895.79981	323.21	109.08	48.823678	-86.929540	56242.82	56250.8	-0.84	56241.98	56243.21484	56255.22073	56255.34375	505171.8	5407857.6
L5180.0	505171.9	5407857.2	10895.90039	324.24	108.17	48.823674	-86.929539	56243.18	56250.8	-0.84	56242.33	56243.57031	56257.30601	56257.44531	505171.9	5407857.2
L5180.0	505171.9	5407856.8	10896.00000	325.63	108.17	48.823671	-86.929538	56243.44	56250.8	-0.84	56242.60	56243.84766	56257.73820	56257.89063	505171.9	5407856.8
L5180.0	505171.9	5407856.8	10896.00000	325.63	108.07	48.823671	-86.929538	56243.81	56250.8	-0.84	56242.97	56244.22266	56260.84313	56261.01172	505171.9	5407856.8
L5180.0	505172.0	5407856.3	10896.20020	329.03	108.07	48.823667	-86.929537	56244.12	56250.8	-0.83	56243.29	56244.55078	56263.01441	56263.19922	505172.0	5407856.3
L5180.0	505172.0	5407856.0	10896.29981	329.93	104.26	48.823663	-86.929537	56244.38	56250.8	-0.83	56243.55	56244.81641	56263.99064	56264.19141	505172.0	5407856.0
L5180.0	505172.1	5407855.6	10896.40039	330.25	101.35	48.823660	-86.929536	56244.70	56250.8	-0.83	56243.87	56245.14453	56266.68971	56266.90625	505172.1	5407855.6
L5180.0	505172.1	5407855.2	10896.50000	328.75	101.35	48.823657	-86.929536	56244.94	56250.8	-0.82	56244.11	56245.39063	56267.68005	56267.91406	505172.1	5407855.2
L5180.0	505172.1	5407855.2	10896.59961	326.25	104.41	48.823657	-86.929536	56245.20	56250.8	-0.82	56244.37	56245.65625	56269.40167	56269.65234	505172.1	5407855.2
L5180.0	505172.2	5407854.7	10896.70020	327.52	104.41	48.823652	-86.929535	56245.42	56250.8	-0.82	56244.60	56245.89453	56270.61764	56270.88672	505172.2	5407854.7
L5180.0	505172.2	5407854.7	10896.79981	326.03	101.18	48.823652	-86.929535	56245.70	56250.8	-0.82	56244.89	56246.19141	56273.53104	56273.81641	505172.2	5407854.7
L5180.0	505172.2	5407854.3	10896.90039	325.99	106.44	48.823648	-86.929534	56245.88	56250.8	-0.81	56245.07	56246.37500	56273.94995	56274.25000	505172.2	5407854.3
L5180.0	505172.2	5407854.0	10897.00000	325.85	106.44	48.823646	-86.929534	56246.11	56250.8	-0.81	56245.30	56246.61328	56275.79791	56276.11719	505172.2	5407854.0
L5180.0	505172.2	5407854.0	10897.09961	325.79	107.06	48.823646	-86.929534	56246.21	56250.8	-0.81	56245.40	56246.71875	56274.67251	56275.00781	505172.2	5407854.0
L5180.0	505172.2	5407853.8	10897.20020	326.45	107.06	48.823644	-86.929534	56246.36	56250.8	-0.81	56245.55	56246.87500	56274.96613	56275.32031	505172.2	5407853.8
L5180.0	505172.2	5407853.6	10897.29981	324.23	107.73	48.823642	-86.929534	56246.41	56250.8	-0.82	56245.60	56246.93359	56273.05582	56273.42578	505172.2	5407853.6
L5180.0	505172.2	5407853.4	10897.40039	325.34	107.22	48.823640	-86.929534	56246.50	56250.8	-0.82	56245.69	56247.02734	56272.31784	56272.70703	505172.2	5407853.4
L5180.0	505172.2	5407853.3	10897.50000	324.68	107.22	48.823639	-86.929534	56246.54	56250.8	-0.82	56245.72	56247.06641	56270.37612	56270.78125	505172.2	5407853.3
L5180.0	505172.2	5407853.3	10897.59961	325.14	105.63	48.823639	-86.929534	56246.57	56250.8	-0.82	56245.74	56247.08984	56268.43199	56268.85547	505172.2	5407853.3
L5180.0	505172.2	5407853.1	10897.70020	324.36	107.73	48.823638	-86.929535	56246.57	56250.8	-0.82	56245.74	56247.09766	56266.26322	56266.70313	505172.2	5407853.1
L5180.0	505172.1	5407853.0	10897.79981	323.23	107.73	48.823636	-86.929535	56246.66	56250.8	-0.83	56245.83	56247.19531	56266.35937	56266.81641	505172.1	5407853.0
L5220.0	505221.5	5407854.5	10529.59961	327.08	91.96	48.823649	-86.928863	56299.86	56250.7	-0.65	56299.21	56303.01563	56366.94515	56348.10156	505221.5	5407854.5
L5220.0	505221.4	5407854.9	10529.70020	325.32	91.96	48.823653	-86.928865	56299.24	56250.7	-0.66	56298.58	56302.38672	56355.31267	56336.85156	505221.4	5407854.9
L5220.0	505221.3	5407855.3	10529.79981	325.38	91.65	48.823656	-86.928866	56298.69	56250.7	-0.66	56298.03	56301.83984	56346.08781	56328.00781	505221.3	5407855.3
L5220.0	505221.3	5407855.3	10529.90039	324.72	93.04	48.823656	-86.928866	56298.27	56250.7	-0.67	56297.61	56301.42188	56340.45278	56322.75391	505221.3	5407855.3
L5220.0	505221.2	5407855.6	10530.00000	321.00	96.84	48.823659	-86.928866	56297.86	56250.7	-0.67	56297.19	56301.00391	56335.17947	56317.86328	505221.2	5407855.6
L5220.0	505221.1	5407856.0	10530.00000	321.00	96.84	48.823663	-86.928868	56297.38	56250.7	-0.67	56296.71	56300.52734	56328.82115	56311.88672	505221.1	5407856.0
L5220.0	505221.1	5407856.1	10530.20020	325.16	85.65	48.823665	-86.928868	56296.92	56250.7	-0.67	56296.26	56300.08203	56323.56865	56307.01172	505221.1	5407856.1
L5220.0	505221.0	5407856.5	10530.29981	326.61	86.5	48.823667	-86.928869	56296.54	56250.7	-0.66	56295.88	56299.70313	56320.35327	56304.17578	505221.0	5407856.5
L5220.0	505220.9	5407856.9	10530.40039	327.25	86.5	48.823671	-86.928871	56296.19	56250.7	-0.66	56295.53	56299.35938	56318.18571	56302.38672	505220.9	5407856.9

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5220.0	505220.9	5407857.2	10530.50000	327.31	85.93	48.823674	-86.928872	56295.70	56250.7	-0.66	56295.03	56298.85938	56312.86044	56297.43750	505220.9	5407857.2
L5220.0	505220.9	5407857.2	10530.59961	326.82	86	48.823674	-86.928872	56295.42	56250.7	-0.66	56294.76	56298.59375	56313.22845	56298.18359	505220.9	5407857.2
L5220.0	505220.7	5407857.8	10530.70020	326.50	86	48.823679	-86.928873	56295.08	56250.7	-0.66	56294.43	56298.26563	56312.51304	56297.83984	505220.7	5407857.8
L5220.0	505220.6	5407858.1	10530.79981	324.97	90.79	48.823682	-86.928874	56294.65	56250.7	-0.65	56294.00	56297.83984	56309.84507	56295.54688	505220.6	5407858.1
L5220.0	505220.6	5407858.1	10530.90039	324.77	97.53	48.823682	-86.928874	56294.27	56250.7	-0.65	56293.61	56297.45313	56308.41044	56294.48438	505220.6	5407858.1
L5220.0	505220.6	5407858.4	10531.00000	325.90	95.72	48.823685	-86.928875	56293.89	56250.7	-0.65	56293.24	56297.08594	56307.73213	56294.17188	505220.6	5407858.4
L5220.0	505220.4	5407859.1	10531.09961	324.77	95.72	48.823691	-86.928877	56293.47	56250.7	-0.65	56292.82	56296.66797	56306.24665	56293.05469	505220.4	5407859.1
L5220.0	505220.4	5407859.1	10531.20020	323.28	96.94	48.823691	-86.928877	56293.07	56250.7	-0.66	56292.42	56296.27344	56305.50071	56292.67578	505220.4	5407859.1
L5220.0	505220.4	5407859.6	10531.29981	322.48	95.92	48.823696	-86.928878	56292.71	56250.7	-0.66	56292.04	56295.89453	56305.47910	56293.01563	505220.4	5407859.6
L5220.0	505220.3	5407860.1	10531.40039	320.62	95.92	48.823700	-86.928879	56292.28	56250.7	-0.67	56291.61	56295.46875	56304.64465	56292.54297	505220.3	5407860.1
L5220.0	505220.3	5407860.1	10531.50000	321.30	97.17	48.823700	-86.928879	56291.79	56250.7	-0.67	56291.12	56294.98047	56302.78059	56291.03516	505220.3	5407860.1
L5220.0	505220.3	5407860.6	10531.59961	320.11	97.17	48.823705	-86.928879	56291.39	56250.7	-0.67	56290.72	56294.58594	56303.14481	56291.75781	505220.3	5407860.6
L5220.0	505220.3	5407861.2	10531.70020	319.89	98.36	48.823710	-86.928880	56290.94	56250.7	-0.68	56290.26	56294.12891	56302.46698	56291.42969	505220.3	5407861.2
L5220.0	505220.3	5407861.7	10531.79981	319.10	98.36	48.823714	-86.928880	56290.65	56250.7	-0.68	56289.97	56293.84375	56305.75638	56295.07031	505220.3	5407861.7
L5220.0	505220.3	5407861.7	10531.90039	320.66	99.55	48.823714	-86.928880	56290.23	56250.7	-0.69	56289.55	56293.42578	56306.47689	56296.13672	505220.3	5407861.7
L5220.0	505220.3	5407862.0	10532.00000	323.13	99.33	48.823718	-86.928879	56289.76	56250.7	-0.69	56289.07	56292.94922	56306.13968	56296.14453	505220.3	5407862.0
L5220.0	505220.3	5407862.6	10532.00000	323.13	99.33	48.823723	-86.928879	56289.34	56250.7	-0.69	56288.65	56292.53125	56307.37355	56297.71875	505220.3	5407862.6
L5220.0	505220.3	5407863.1	10532.20020	324.92	95.67	48.823727	-86.928879	56288.86	56250.7	-0.69	56288.17	56292.05469	56307.53507	56298.21875	505220.3	5407863.1
L5220.0	505220.3	5407863.1	10532.29981	325.51	95.67	48.823727	-86.928879	56288.35	56250.7	-0.69	56287.66	56291.55078	56307.27141	56298.28906	505220.3	5407863.1
L5220.0	505220.4	5407863.7	10532.40039	326.54	96.52	48.823732	-86.928878	56287.79	56250.7	-0.69	56287.10	56290.99219	56306.12208	56297.47266	505220.4	5407863.7
L5220.0	505220.4	5407864.2	10532.50000	326.03	96.81	48.823737	-86.928877	56287.32	56250.7	-0.68	56286.64	56290.53906	56307.44568	56299.12109	505220.4	5407864.2
L5220.0	505220.5	5407864.7	10532.59961	325.30	96.81	48.823742	-86.928877	56286.82	56250.7	-0.68	56286.14	56290.04297	56308.09988	56300.10156	505220.5	5407864.7
L5220.0	505220.5	5407864.7	10532.70020	325.14	87.84	48.823742	-86.928877	56286.18	56250.7	-0.68	56285.50	56289.40625	56305.78113	56298.10156	505220.5	5407864.7
L5220.0	505220.6	5407865.5	10532.79981	327.97	88.42	48.823749	-86.928875	56285.67	56250.7	-0.68	56284.99	56288.89844	56306.62376	56299.26172	505220.6	5407865.5
L5220.0	505220.6	5407866.2	10532.90039	329.15	91.57	48.823755	-86.928874	56285.02	56250.7	-0.68	56284.34	56288.25391	56304.44821	56297.39844	505220.6	5407866.2
L5220.0	505220.7	5407866.8	10533.00000	330.71	95.41	48.823760	-86.928873	56284.52	56250.7	-0.68	56283.84	56287.75781	56305.91037	56299.16797	505220.7	5407866.8
L5220.0	505220.8	5407867.3	10533.09961	328.36	95.41	48.823765	-86.928873	56283.90	56250.7	-0.68	56283.22	56287.14063	56304.78308	56298.34375	505220.8	5407867.3
L5220.0	505220.8	5407867.9	10533.20020	327.23	97.81	48.823770	-86.928872	56283.29	56250.7	-0.68	56282.61	56286.53516	56304.05592	56297.91797	505220.8	5407867.9
L5220.0	505220.9	5407868.5	10533.29981	326.28	97.81	48.823776	-86.928871	56282.66	56250.7	-0.68	56281.98	56285.91016	56303.02967	56297.18750	505220.9	5407868.5
L5220.0	505220.9	5407868.5	10533.40039	324.65	99.53	48.823776	-86.928871	56282.13	56250.7	-0.68	56281.44	56285.37109	56304.23921	56298.68750	505220.9	5407868.5
L5220.0	505221.0	5407869.4	10533.50000	323.84	99.53	48.823784	-86.928870	56281.48	56250.7	-0.68	56280.79	56284.72656	56303.06534	56297.80078	505221.0	5407869.4
L5220.0	505221.1	5407870.2	10533.59961	323.53	100.11	48.823791	-86.928869	56280.85	56250.7	-0.69	56280.17	56284.10938	56302.74176	56297.76172	505221.1	5407870.2
L5220.0	505221.1	5407870.8	10533.70020	323.35	97.62	48.823796	-86.928868	56280.16	56250.7	-0.69	56279.47	56283.41406	56300.75362	56296.05078	505221.1	5407870.8
L5220.0	505221.2	5407871.4	10533.79981	323.11	97.62	48.823802	-86.928867	56279.49	56250.7	-0.69	56278.80	56282.75000	56299.62054	56295.19141	505221.2	5407871.4
L5220.0	505221.2	5407872.2	10533.90039	322.96	98.02	48.823809	-86.928866	56278.80	56250.7	-0.69	56278.11	56282.06250	56298.20472	56294.04297	505221.2	5407872.2
L5220.0	505221.3	5407872.8	10534.00000	323.60	98.02	48.823814	-86.928866	56278.11	56250.7	-0.69	56277.42	56281.37891	56296.96013	56293.06250	505221.3	5407872.8
L5220.0	505221.3	5407873.3	10534.00000	323.60	99.82	48.823819	-86.928865	56277.35	56250.7	-0.69	56276.66	56280.62109	56294.33379	56290.69922	505221.3	5407873.3
L5220.0	505221.3	5407873.3	10534.20020	320.90	98	48.823819	-86.928865	56276.64	56250.7	-0.69	56275.95	56279.91797	56292.99532	56289.61328	505221.3	5407873.3
L5220.0	505221.4	5407874.3	10534.29981	321.41	87.81	48.823828	-86.928865	56275.88	56250.7	-0.69	56275.18	56279.15234	56290.51751	56287.38672	505221.4	5407874.3
L5220.0	505221.4	5407875.2	10534.40039	322.68	87.81	48.823836	-86.928864	56275.20	56250.7	-0.69	56274.51	56278.48438	56290.39078	56287.50781	505221.4	5407875.2
L5220.0	505221.4	5407875.9	10534.50000	323.38	98.15	48.823842	-86.928863	56274.44	56250.7	-0.69	56273.75	56277.73047	56288.47449	56285.83203	505221.4	5407875.9
L5220.0	505221.5	5407876.7	10534.59961	324.71	98	48.823849	-86.928863	56273.81	56250.7	-0.69	56273.11	56277.09375	56289.29531	56286.88672	505221.5	5407876.7
L5220.0	505221.5	5407877.3	10534.70020	323.51	97.47	48.823855	-86.928863	56273.03	56250.7	-0.69	56272.34	56276.32813	56287.48380	56285.30859	505221.5	5407877.3
L5220.0	505221.5	5407878.2	10534.79981	321.73	97.47	48.823862	-86.928862	56272.36	56250.7	-0.69	56271.67	56275.66406	56287.95044	56286.00000	505221.5	5407878.2
L5220.0	505221.5	5407879.0	10534.90039	321.27	97.41	48.823870	-86.928862	56271.56	56250.7	-0.69	56270.86	56274.85938	56285.60399	56283.87500	505221.5	5407879.0
L5220.0	505221.5	5407879.0	10535.00000	321.19	97.41	48.823870	-86.928862	56270.84	56250.7	-0.69	56270.15	56274.15234	56285.51350	56284.00391	505221.5	5407879.0
L5220.0	505221.6	5407879.9	10535.09961	319.79	98.42	48.823878	-86.928861	56269.88	56250.7	-0.69	56269.19	56273.19922	56280.33733	56279.03906	505221.6	5407879.9
L5220.0	505221.6	5407880.3	10535.20020	320.03	98.25	48.823882	-86.928861	56269.16	56250.7	-0.70	56268.46	56272.47266	56280.11817	56279.02734	505221.6	5407880.3
L5220.0	505221.6	5407881.2	10535.29981	320.56	98.25	48.823890	-86.928861	56268.37	56250.7	-0.70	56267.67	56271.68750	56278.78499	56277.89844	505221.6	5407881.2
L5220.0	505221.6	5407881.9	10535.40039	321.85	98.22	48.823896	-86.928861	56267.63	56250.7	-0.70	56266.93	56270.95313	56278.62145	56277.92969	505221.6	5407881.9
L5220.0	505221.6	5407882.8	10535.50000	322.84	99.48	48.823905	-86.928860	56266.83	56250.7	-0.71	56266.13	56270.15625	56277.34496	56276.84766	505221.6	5407882.8
L5220.0	505221.7	5407883.7	10535.59961	323.38	101.43	48.823913	-86.928860	56266.02	56250.7	-0.71	56265.31	56269.34375	56275.78411	56275.47656	505221.7	5407883.7
L5220.0	505221.7	5407883.7	10535.70020	323.79	101.11	48.823913	-86.928860	56265.20	56250.7	-0.71	56264.49	56268.52734	56274.34820	56274.22266	505221.7	5407883.7
L5220.0	505221.7	5407884.8	10535.79981	323.41	101.87	48.823922	-86.928860	56264.33	56250.7	-0.71	56263.61	56267.65234	56271.79845	56271.85156	505221.7	5407884.8
L5220.0	505221.7	5407885.7	10535.90039	321.20	101.87	48.823931	-86.928859	56263.54	56250.7	-0.72	56262.82	56266.86719	56271.21695	56271.44531	505221.7	5407885.7
L5220.0	505221.8	5407886.7	10536.00000	321.22	101.74	48.823939	-86.928858	56262.88	56250.7	-0.72	56262.16	56266.21094	56273.42040	56273.81641	505221.8	5407886.7
L5220.0	505221.8	5407887.6	10536.00000	321.22	101.74	48.823948	-86.928858	56261.96	56250.7	-0.72	56261.24	56265.29688	56270.38542	56270.94531	505221.8	5407887.6
L5220.0	505221.8	5407887.6	10536.20020	321.10	103.32	48.823948	-86.928858	56261.16	56250.7	-0.72	56260.44	56264.50000	56269.92196	56270.64453	505221.8	5407887.6
L5220.0	505221.9	5407888.6	10536.29981	318.91	106.34	48.823957	-86.928857	56260.27	56250.7	-0.72	56259.55	56263.61719	56267.70573	56268.58203	505221.9	5407888.6
L5220.0	505221.9	5407889.9	10536.40039	319.42	106.34	48.823968	-86.928856	56259.38	56250.7	-0.72	56258.66	56262.73047	56265.58310	56266.60938	505221.9	5407889.9
L5220.0	505221.9	5407889.9	10536.50000	320.42	102.86	48.823968	-86.928856	56258.44	56250.7	-0.72	56257.72	56261.79688	56262.51995	56263.69531	505221.9	5407889.9
L5220.0	505222.0	5407890.8	10536.59961	321.34	102.37	48.823977	-86.928856	56257.70	56250.7	-0.72	56256.98	56261.06250	56263.66294	56264.98047	505222.0	5407890.8
L5220.0	505222.0	5407892.0	10536.70020	322.98	101.02	48.823987	-86.928855	56256.81	56250.7	-0.72	56256.09	56260.17578	56261.79675	56263.25000	505222.0	5407892.0
L5220.0	505222.0	5407893.0	10536.79981	322.14	101.02	48.823996	-86.928855	56256.11	56250.7	-0.72	56255.39	56259.48047	56263.91952	56265.50781	505222.0	5407893.0
L5220.0	505222.1	5407893.6	10536.90039	323.26	99.39	48.824002	-86.928855	56255.25	56250.7	-0.72	56254.53	56258.62500	56262.81557	56264.53125	505222.1	5407893.6
L5220.0	505222.1	5407894.4	10537.00000	322.20	99.39	48.824009	-86.928854	56254.51	56250.7	-0.72	56253.79	56257.89063	56264.23829	56266.07813	505222.1	5407894.4
L5220.0	505222.1	5407895.5	10537.09961	322.74	96.23	48.824018	-86.928854	56253.53	56250.7	-0.72	56252.81	56256.91406	56260.79466	56262.75781	505222.1	5407895.5
L5220.0	505222.1	5407896.5	10537.20020	322.61	96.38	48.824028	-86.928854	56252.60	56250.7	-0.73	56251.87	56255.98047	56258.23608	56260.31250	505222.1	5407896.5
L5220.0	505222.1	5407896.5	10537.29981	322.44	96.95	48.824028	-86.928854	56251.63	56250.7	-0.73	56250.89	56255.00391	56254.93123	56257.12109	505222.1	5407896.5
L5220.0	505222.1	5407897.4	10537.40039	320.96	99.71	48.824035	-86.928854	56250.72	56250.7	-0.74	56249.99	56254.10938	56253.31210	56255.60938	505222.1	5407897.4
L5220.0	505222.1	5407898.4	10537.50000	321.31	99.71	48.824045	-86.928854	56249.69	56250.7	-0.74	56248.95	56253.07422	56248.94639	56251.35156	505222.1	5407898.4
L5220.0	505222.1	5407899.6	10537.59961	320.98	99.71	48.824056	-86.928854	56248.79	56250.7	-0.74	56248.04	56252.16797	56247.25483	56249.75781	505222.1	5407899.6
L5220.0	505222.1	5407900.3	10537.70020	319.99	110.61	48.824062	-86.928854	56247.82	56250.7	-0.75	56247.08	56251.21484	56244.63341	56247.23438	505222.1	5407900.3
L5220.0	505222.1	5407901.4	10537.79981	320.35	110.61	48.824071	-86.928854	56247.03	56250.8	-0.75	56246.28	56250.41797	56245.19002	56247.88281	505222.1	5407901.4
L5220.0	505222.1	5407902.4	10537.90039	320.39	109.15	48.824081	-86.928854	56246.11	56250.8	-0.76	56245.36	56249.50391	56243.43565	56246.21875	505222.1	5407902.4
L5220.0	505222.1	5407902.4	10538.00000	321.41	108.66	48.824081	-86.928854	56245.32	56250.8	-0.76	56244.56	56248.70703	56244.00895	56246.87891	505222.1	5407902.4
L5220.0	505222.1	5407903.5	10538.00000	321.41	110.43	48.824090	-86.928854	56244.51	56250.8	-0.76	56243.75	56247.90234	56244.38472	56247.33594	505222.1	5407903.5
L5220.0	505222.1	5407904.7	10538.20020	322.43	110.43	48.824102	-86.928854	56243.66	56250.8	-0.76	56242.90	56247.05469	56244.00426	56247.03516	505222.1	5407904.7
L5220.0	505222.1	5407905.6	10538.29981	320.66	110.48	48.824110	-86.928854	56242.70	56250.8	-0.76	56241.94	56246.10156	56241.57884	56244.68750	505222.1	5407905.6
L5220.0	505222.1	5407905.6	10538.40039	320.92	106.24	48.824110	-86.928854	56241.84	56250.8	-0.76	56241.09	56245.25391	56241.21568	56244.39453	505222.1	5407905.6
L5220.0	505222.1	5407907.0	10538.50000	320.26	105.48	48.824122	-86.928853	56240.83	56250.8	-0.76	56240.07	56244.23828	56237.71046	56240.96094	505222.1	5407907.0
L5220.0	505222.1	5407908.1	10538.59961	317.13	105.48	48.824132	-86.928853	56239.94	56250.8	-0.75	56239.18	56243.35156	56236.61037	56239.92578	505222.1	5407908.1
L5220.0	505222.1	5407909.0	10538.70020	316.84	105.42	48.824140	-86.928853	56238.97	56250.8	-0.75	56238.22	56242.39844	56234.21073	56237.58984	505222.1	5407909.0
L5220.0	505222.2	5407909.9	10538.79981	314.79	105.42	48.824148	-86.928853	56238.14	56250.8	-0.75	56237.39	56241.57031	56234.19301	56237.63281	505222.2	5407909.9
L5220.0	505222.1	5407911.0	10538.90039	316.41	104.87	48.824158	-86.928853	56237.20	56250.8	-0.75	56236.45	56240.63281	56232.12484	56235.62109	505222.1	5407911.0
L5220.0	505222.1	5407911.0	10539.00000	316.08	106.38	48.824158	-86.928853	56236.59	56250.8	-0.75	56235.84	56240.02734	56236.16243	56239.71484	505222.1	5407911.0
L5220.0	505222.1	5407912.5	10539.09961	316.60	107.89	48.824171	-86.928853	56235.58	56250.7	-0.75	56234.83	56239.02344	56232.74961	56236.35156	505222.1	5407912.5
L5220.0	505222.1	5407913.6	10539.20020	318.51	107.89	48.824181	-86.928854	56234.81	56250.7	-0.75	56234.06	56238.25391	56233.80033	56237.45313	505222.1	5407913.6
L5220.0	505222.1	5407914.5	10539.29981	318.02	110.13	48.824190	-86.928854	56233.82	56250.7	-0.75	56233.07	56237.26953	56230.67589	56234.37500	505222.1	5407914.5
L5220.0	505222.1	5407915.3	10539.40039	319.78	110.91	48.824196	-86.928854	56232.86	56250.7	-0.75	56232.11	56236.31250	56228.05660	56231.80078	505222.1	5407915.3
L5220.0	505222.1	5407916.2	10539.50000	321.53	111.53	48.824205	-86.928854	56232.02	56250.7	-0.75	56231.28	56235.48828	56227.88516	56231.67188	505222.1	5407916.2
L5220.0	505222.1	5407917.4	10539.59961	322.52	111.53	48.824216	-86.928854	56231.21	56250.7	-0.74	56230.46	56234.66797	56227.88638	56231.71094	505222.1	5407917.4
L5220.0	505222.1	5407917.4	10539.70020	323.25	110.18	48.824216	-86.928854	56230.34	56250.7	-0.74	56229.60	56233.81250	56227.07676	56230.93750	505222.1	5407917.4

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5220.0	505222.1	5407918.7	10539.79981	322.40	112.45	48.824227	-86.928854	56229.54	56250.7	-0.74	56228.80	56233.01563	56227.42477	56231.32031	505222.1	5407918.7
L5220.0	505222.0	5407919.8	10539.90039	323.79	112.45	48.824237	-86.928855	56228.53	56250.7	-0.74	56227.79	56232.00781	56223.52025	56227.44922	505222.0	5407919.8
L5220.0	505222.0	5407920.4	10540.00000	322.27	112.03	48.824242	-86.928855	56227.66	56250.7	-0.74	56226.92	56231.14063	56222.36056	56226.32031	505222.0	5407920.4
L5220.0	505222.0	5407921.9	10540.00000	322.27	112.03	48.824256	-86.928855	56226.76	56250.7	-0.74	56226.02	56230.24609	56220.53361	56224.52344	505222.0	5407921.9
L5220.0	505221.9	5407923.2	10540.20020	322.73	111.86	48.824268	-86.928856	56225.97	56250.7	-0.74	56225.24	56229.46875	56221.12844	56225.14453	505221.9	5407923.2
L5220.0	505221.9	5407923.2	10540.29981	322.95	111.56	48.824268	-86.928856	56225.04	56250.7	-0.74	56224.30	56228.53125	56218.36178	56222.40625	505221.9	5407923.2
L5220.0	505221.9	5407924.7	10540.40039	324.43	111.56	48.824281	-86.928857	56224.34	56250.7	-0.74	56223.60	56227.83203	56220.55076	56224.61719	505221.9	5407924.7
L5220.0	505221.9	5407924.7	10540.50000	321.67	113.8	48.824281	-86.928857	56223.40	56250.7	-0.74	56222.66	56226.89453	56217.66993	56221.75781	505221.9	5407924.7
L5220.0	505221.8	5407925.9	10540.59961	318.52	114.05	48.824292	-86.928858	56222.61	56250.7	-0.73	56221.87	56226.10938	56217.88434	56221.99219	505221.8	5407925.9
L5220.0	505221.7	5407927.0	10540.70020	319.95	114.35	48.824302	-86.928858	56221.70	56250.7	-0.73	56220.96	56225.19922	56215.52096	56219.64844	505221.7	5407927.0
L5220.0	505221.7	5407928.4	10540.79981	321.71	114.35	48.824314	-86.928859	56220.89	56250.7	-0.73	56220.16	56224.40234	56215.41569	56219.56250	505221.7	5407928.4
L5220.0	505221.6	5407929.2	10540.90039	322.62	114.66	48.824321	-86.928860	56219.98	56250.7	-0.73	56219.25	56223.49219	56212.94218	56217.10547	505221.6	5407929.2
L5220.0	505221.6	5407930.1	10541.00000	323.65	114.66	48.824330	-86.928860	56219.09	56250.7	-0.73	56218.36	56222.60547	56210.83279	56215.00781	505221.6	5407930.1
L5220.0	505221.6	5407931.4	10541.09961	322.44	113.6	48.824342	-86.928861	56218.21	56250.7	-0.73	56217.48	56221.72656	56208.87359	56213.06250	505221.6	5407931.4
L5220.0	505221.5	5407932.2	10541.20020	322.50	111.52	48.824349	-86.928861	56217.45	56250.7	-0.73	56216.72	56220.96875	56209.34628	56213.54688	505221.5	5407932.2
L5220.0	505221.5	5407933.4	10541.29981	320.64	111.52	48.824360	-86.928862	56216.59	56250.7	-0.73	56215.85	56220.10156	56207.46198	56211.67578	505221.5	5407933.4
L5220.0	505221.5	5407933.4	10541.40039	321.96	112.75	48.824360	-86.928862	56215.76	56250.7	-0.73	56215.02	56219.27344	56206.33736	56210.56250	505221.5	5407933.4
L5220.0	505221.4	5407934.7	10541.50000	322.15	112.75	48.824372	-86.928863	56214.96	56250.7	-0.74	56214.22	56218.47266	56205.75972	56209.99219	505221.4	5407934.7
L5220.0	505221.4	5407935.9	10541.59961	323.29	112.45	48.824382	-86.928863	56214.11	56250.7	-0.74	56213.37	56217.62500	56204.07363	56208.31250	505221.4	5407935.9
L5220.0	505221.4	5407937.1	10541.70020	322.30	114.3	48.824393	-86.928863	56213.28	56250.7	-0.74	56212.54	56216.79688	56202.72766	56206.97656	505221.4	5407937.1
L5220.0	505221.3	5407937.9	10541.79981	317.84	114.3	48.824400	-86.928864	56212.50	56250.7	-0.74	56211.76	56216.01563	56202.34186	56206.59766	505221.3	5407937.9
L5220.0	505221.3	5407937.9	10541.90039	318.69	113.3	48.824400	-86.928864	56211.72	56250.7	-0.74	56210.98	56215.23828	56201.88545	56206.14453	505221.3	5407937.9
L5220.0	505221.3	5407939.3	10542.00000	318.11	114.22	48.824413	-86.928864	56210.81	56250.7	-0.74	56210.07	56214.32813	56198.67809	56202.94141	505221.3	5407939.3
L5220.0	505221.3	5407940.7	10542.00000	318.11	114.22	48.824425	-86.928865	56209.98	56250.7	-0.74	56209.24	56213.49609	56197.05580	56201.32422	505221.3	5407940.7
L5220.0	505221.2	5407941.9	10542.20020	319.60	111.97	48.824436	-86.928865	56209.18	56250.7	-0.74	56208.44	56212.69922	56195.98556	56200.25781	505221.2	5407941.9
L5220.0	505221.2	5407943.1	10542.29981	319.60	114.21	48.824447	-86.928866	56208.32	56250.7	-0.74	56207.58	56211.83984	56193.61713	56197.89063	505221.2	5407943.1
L5220.0	505221.2	5407943.1	10542.40039	320.76	114.21	48.824447	-86.928866	56207.50	56250.7	-0.74	56206.76	56211.01953	56192.00971	56196.28516	505221.2	5407943.1
L5220.0	505221.2	5407944.5	10542.50000	323.16	109.27	48.824459	-86.928866	56206.78	56250.7	-0.74	56206.03	56210.28906	56192.18282	56196.46094	505221.2	5407944.5
L5220.0	505221.1	5407945.5	10542.59961	324.33	106.08	48.824468	-86.928866	56206.02	56250.7	-0.75	56205.27	56209.52734	56191.67226	56195.94922	505221.1	5407945.5
L5220.0	505221.1	5407945.5	10542.70020	325.34	100.07	48.824468	-86.928866	56205.31	56250.7	-0.75	56204.56	56208.81641	56192.11292	56196.39063	505221.1	5407945.5
L5220.0	505221.1	5407947.7	10542.79981	326.52	100.07	48.824488	-86.928867	56204.53	56250.7	-0.75	56203.78	56208.03516	56191.05867	56195.33594	505221.1	5407947.7
L5220.0	505221.1	5407948.9	10542.90039	324.70	102.31	48.824499	-86.928867	56203.78	56250.7	-0.75	56203.03	56207.28516	56190.54795	56194.82422	505221.1	5407948.9
L5220.0	505221.1	5407948.9	10543.00000	323.96	112.81	48.824499	-86.928867	56202.96	56250.8	-0.75	56202.21	56206.46484	56188.55744	56192.83203	505221.1	5407948.9
L5220.0	505221.1	5407951.1	10543.09961	322.85	113.41	48.824519	-86.928867	56202.31	56250.8	-0.75	56201.56	56205.81250	56189.92983	56194.20313	505221.1	5407951.1
L5220.0	505221.1	5407951.1	10543.20020	322.23	113.41	48.824519	-86.928867	56201.48	56250.8	-0.75	56200.73	56204.98438	56187.61746	56191.89063	505221.1	5407951.1
L5220.0	505221.1	5407952.5	10543.29981	320.63	111.83	48.824532	-86.928867	56200.73	56250.8	-0.75	56199.98	56204.23047	56186.85119	56191.12109	505221.1	5407952.5
L5220.0	505221.1	5407953.5	10543.40039	319.72	111.83	48.824540	-86.928867	56200.00	56250.8	-0.75	56199.25	56203.50000	56186.42165	56190.68750	505221.1	5407953.5
L5220.0	505221.1	5407954.9	10543.50000	317.76	114.25	48.824553	-86.928867	56199.31	56250.8	-0.75	56198.56	56202.80859	56186.72071	56190.98438	505221.1	5407954.9
L5220.0	505221.1	5407954.9	10543.59961	317.52	113.07	48.824553	-86.928867	56198.59	56250.8	-0.75	56197.84	56202.08594	56186.36160	56190.62109	505221.1	5407954.9
L5220.0	505221.1	5407956.0	10543.70020	319.36	115.38	48.824562	-86.928867	56197.72	56250.8	-0.75	56196.97	56201.21484	56183.01014	56187.26563	505221.1	5407956.0
L5220.0	505221.1	5407957.8	10543.79981	319.42	115.38	48.824579	-86.928867	56197.01	56250.8	-0.75	56196.26	56200.50391	56182.74134	56186.99219	505221.1	5407957.8
L5220.0	505221.1	5407957.8	10543.90039	319.03	116.4	48.824579	-86.928867	56196.43	56250.8	-0.75	56195.68	56199.92188	56184.91999	56189.16797	505221.1	5407957.8
L5220.0	505221.1	5407959.0	10544.00000	318.34	114.96	48.824590	-86.928867	56195.69	56250.8	-0.75	56194.94	56199.17969	56183.93100	56188.17578	505221.1	5407959.0
L5220.0	505221.1	5407960.0	10544.00000	318.34	115.06	48.824599	-86.928866	56195.09	56250.8	-0.75	56194.34	56198.57422	56185.56028	56189.79688	505221.1	5407960.0
L5220.0	505221.1	5407961.5	10544.20020	319.62	115.06	48.824612	-86.928866	56194.31	56250.8	-0.75	56193.56	56197.79297	56183.68222	56187.91406	505221.1	5407961.5
L5220.0	505221.2	5407962.3	10544.29981	319.24	115.01	48.824619	-86.928866	56193.62	56250.8	-0.75	56192.87	56197.10156	56183.46197	56187.68750	505221.2	5407962.3
L5220.0	505221.2	5407963.3	10544.40039	317.82	115.01	48.824628	-86.928866	56193.07	56250.8	-0.75	56192.32	56196.54688	56185.82357	56190.04297	505221.2	5407963.3
L5220.0	505221.2	5407964.3	10544.50000	317.89	117.17	48.824638	-86.928866	56192.31	56250.8	-0.75	56191.56	56195.78516	56184.15572	56188.37109	505221.2	5407964.3
L5220.0	505221.1	5407965.5	10544.59961	319.97	117.17	48.824648	-86.928866	56191.57	56250.8	-0.75	56190.82	56195.03906	56182.81179	56187.01953	505221.1	5407965.5
L5220.0	505221.1	5407966.7	10544.70020	321.45	117.56	48.824659	-86.928866	56190.94	56250.8	-0.75	56190.19	56194.40625	56183.47960	56187.67969	505221.1	5407966.7
L5220.0	505221.1	5407966.7	10544.79981	321.12	117.56	48.824659	-86.928866	56190.07	56250.8	-0.75	56189.32	56193.53125	56179.59370	56183.78906	505221.1	5407966.7
L5220.0	505221.1	5407968.1	10544.90039	321.04	117.56	48.824672	-86.928867	56189.45	56250.8	-0.75	56188.70	56192.91016	56180.34569	56184.53125	505221.1	5407968.1
L5220.0	505221.1	5407969.2	10545.00000	322.49	117.56	48.824681	-86.928867	56188.64	56250.8	-0.75	56187.89	56192.09375	56177.48905	56181.66797	505221.1	5407969.2
L5220.0	505221.1	5407970.4	10545.09961	320.68	117.56	48.824692	-86.928867	56187.93	56250.7	-0.75	56187.18	56191.37891	56176.46160	56180.63281	505221.1	5407970.4
L5220.0	505221.0	5407971.5	10545.20020	318.09	117.56	48.824702	-86.928868	56187.16	56250.7	-0.75	56186.41	56190.60547	56174.26215	56178.42188	505221.0	5407971.5
L5220.0	505221.0	5407971.5	10545.29981	317.27	117.56	48.824702	-86.928868	56186.58	56250.7	-0.75	56185.83	56190.02344	56175.58501	56179.73828	505221.0	5407971.5
L5220.0	505221.0	5407972.9	10545.40039	319.18	117.56	48.824715	-86.928868	56185.83	56250.7	-0.75	56185.09	56189.27734	56173.85984	56178.00391	505221.0	5407972.9
L5220.0	505221.0	5407973.9	10545.50000	321.71	117.56	48.824724	-86.928868	56185.26	56250.7	-0.74	56184.51	56188.69141	56175.10428	56179.23828	505221.0	5407973.9
L5220.0	505220.9	5407975.4	10545.59961	321.44	117.56	48.824737	-86.928869	56184.43	56250.7	-0.74	56183.69	56187.86719	56171.78473	56175.90625	505220.9	5407975.4
L5220.0	505220.9	5407975.4	10545.70020	317.03	117.56	48.824737	-86.928869	56183.71	56250.7	-0.74	56182.97	56187.14063	56170.30974	56174.42188	505220.9	5407975.4
L5220.0	505220.9	5407977.6	10545.79981	318.25	117.56	48.824757	-86.928870	56182.95	56250.7	-0.74	56182.20	56186.36719	56167.84983	56171.94922	505220.9	5407977.6
L5220.0	505220.9	5407979.0	10545.90039	318.86	117.56	48.824769	-86.928870	56182.39	56250.7	-0.74	56181.65	56185.80859	56169.53523	56173.62500	505220.9	5407979.0
L5220.0	505220.9	5407979.0	10546.00000	319.87	117.56	48.824769	-86.928870	56181.63	56250.7	-0.74	56180.89	56185.04297	56167.20468	56171.28125	505220.9	5407979.0
L5220.0	505220.9	5407980.2	10546.00000	319.87	117.56	48.824781	-86.928870	56180.93	56250.7	-0.74	56180.19	56184.33594	56165.99072	56170.05469	505220.9	5407980.2
L5220.0	505220.9	5407981.7	10546.20020	318.03	111.92	48.824794	-86.928870	56180.22	56250.7	-0.74	56179.48	56183.62109	56164.56556	56168.61719	505220.9	5407981.7
L5220.0	505220.9	5407983.0	10546.29981	320.55	111.92	48.824805	-86.928870	56179.81	56250.7	-0.73	56179.08	56183.21484	56169.03559	56173.07422	505220.9	5407983.0
L5220.0	505220.9	5407983.0	10546.40039	320.45	117.41	48.824805	-86.928870	56178.98	56250.7	-0.73	56178.25	56182.37891	56165.28245	56169.30859	505220.9	5407983.0
L5220.0	505220.9	5407984.4	10546.50000	319.59	117.41	48.824818	-86.928870	56178.31	56250.7	-0.73	56177.58	56181.69922	56164.56283	56168.57813	505220.9	5407984.4
L5220.0	505220.9	5407985.9	10546.59961	320.67	117.41	48.824831	-86.928870	56177.64	56250.7	-0.73	56176.91	56181.02344	56163.82484	56167.82422	505220.9	5407985.9
L5220.0	505220.9	5407985.9	10546.70020	323.43	117.41	48.824831	-86.928870	56177.16	56250.7	-0.73	56176.43	56180.53516	56166.68151	56170.66797	505220.9	5407985.9
L5220.0	505220.9	5407987.3	10546.79981	322.77	117.41	48.824844	-86.928869	56176.39	56250.7	-0.72	56175.67	56179.76953	56164.19491	56168.16797	505220.9	5407987.3
L5220.0	505220.9	5407987.3	10546.90039	323.35	117.41	48.824844	-86.928869	56175.85	56250.7	-0.72	56175.13	56179.21875	56165.86575	56169.82422	505220.9	5407987.3
L5220.0	505220.9	5407988.8	10547.00000	322.11	117.41	48.824858	-86.928869	56175.05	56250.7	-0.72	56174.33	56178.41016	56162.59623	56166.53906	505220.9	5407988.8
L5220.0	505220.9	5407989.8	10547.09961	319.78	117.41	48.824867	-86.928869	56174.36	56250.7	-0.72	56173.64	56177.71484	56161.39849	56165.32422	505220.9	5407989.8
L5220.0	505220.9	5407991.3	10547.20020	319.35	117.41	48.824880	-86.928869	56173.58	56250.7	-0.72	56172.86	56176.92578	56158.49783	56162.41016	505220.9	5407991.3
L5220.0	505221.0	5407992.6	10547.29981	319.68	117.41	48.824892	-86.928868	56172.90	56250.7	-0.72	56172.18	56176.23438	56157.47246	56161.36719	505221.0	5407992.6
L5220.0	505221.0	5407992.6	10547.40039	318.09	117.41	48.824892	-86.928868	56172.22	56250.7	-0.72	56171.50	56175.54688	56156.43722	56160.31641	505221.0	5407992.6
L5220.0	505221.0	5407994.1	10547.50000	317.59	117.41	48.824905	-86.928868	56171.64	56250.7	-0.72	56170.92	56174.95703	56157.25343	56161.11328	505221.0	5407994.1
L5220.0	505221.0	5407995.4	10547.59961	316.64	117.41	48.824917	-86.928868	56170.96	56250.7	-0.72	56170.24	56174.26563	56156.19011	56160.03516	505221.0	5407995.4
L5220.0	505221.0	5407996.7	10547.70020	319.01	117.41	48.824929	-86.928868	56170.46	56250.7	-0.72	56169.74	56173.75781	56158.44320	56162.26953	505221.0	5407996.7
L5220.0	505221.0	5407997.6	10547.79981	317.80	117.41	48.824937	-86.928868	56169.76	56250.7	-0.72	56169.04	56173.04688	56156.97232	56160.78125	505221.0	5407997.6
L5220.0	505221.0	5407998.8	10547.90039	317.99	117.41	48.824948	-86.928868	56169.06	56250.7	-0.72	56168.34	56172.33594	56155.48667	56159.27734	505221.0	5407998.8
L5220.0	505221.0	5408000.1	10548.00000	317.74	117.41	48.824960	-86.928868	56168.35	56250.7	-0.72	56167.63	56171.61719	56153.80215	56157.57422	505221.0	5408000.1
L5220.0	505221.0	5408000.1	10548.00000	317.74	117.41	48.824960	-86.928868	56167.77	56250.7	-0.72	56167.05	56171.02344	56154.48379	56158.23828	505221.0	5408000.1
L5220.0	505221.0	5408001.4	10548.20020	317.70	117.41	48.824971	-86.928868	56167.07	56250.7	-0.71	56166.35	56170.31250	56152.94120	56156.67578	505221.0	5408001.4
L5220.0	505221.0	5408002.7	10548.29981	317.71	117.41	48.824983	-86.928868	56166.48	56250.7	-0.71	56165.77	56169.72266	56153.57413	56157.28906	505221.0	5408002.7
L5220.0	505221.0	5408002.7	10548.40039	316.91	117.41	48.824983	-86.928868	56165.77	56250.7	-0.71	56165.07	56169.01172	56151.98180	56155.67578	505221.0	5408002.7
L5220.0	505221.0	5408004.5	10548.50000	317.16	130	48.824999	-86.928868	56165.09	56250.7	-0.71	56164.38	56168.30859	56150.54612	56154.22266	505221.0	5408004.5
L5220.0	505221.0	5408005.7	10548.59961	318.95	130	48.825010	-86.928868	56164.35	56250.7	-0.70	56163.65	56167.56641	56148.34453	56152.00000	505221.0	5408005.7
L5220.0	505221.0	5408006.8	10548.70020	319.24	130	48.825020	-86.928868	56163.65	56250.7	-0.70	56162.95	56166.85156	56146.66633	56150.30078	505221.0	5408006.8
L5220.0	505221.0	5408007.7	10548.79981	320.29	130	48.825028	-86.928868	56162.99	56250.7	-0.70	56162.29	56166.17969	56145.70475	56149.32031	505221.0	5408007.7
L5220.0	505221.0	5408008.8	10548.90039	321.53	130	48.825038	-86.928868	56162.48	56250.7	-0.69	56161.79	56165.66406	56147.71278	56151.30469	505221.0	5408008.8
L5220.0	505221.0	5408009.9	10549.00000	322.11	130	48.825048	-86.928868	56161.88	56250.7	-0.69	56161.19	56165.05078	56147.85485	56151.42578	505221.0	5408009.9

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5220.0	505221.0	5408011.6	10549.09961	321.52	130	48.825063	-86.928868	56161.21	56250.7	-0.69	56160.52	56164.36719	56146.67372	56150.22266	505221.0	5408011.6
L5220.0	505221.0	5408012.6	10549.20020	321.52	130	48.825072	-86.928868	56160.59	56250.7	-0.69	56159.90	56163.73438	56146.42506	56149.95313	505221.0	5408012.6
L5220.0	505221.0	5408013.7	10549.29981	320.54	130	48.825082	-86.928867	56159.93	56250.7	-0.69	56159.24	56163.05859	56145.41017	56148.91406	505221.0	5408013.7
L5220.0	505221.0	5408013.7	10549.40039	320.07	130	48.825082	-86.928867	56159.37	56250.7	-0.69	56158.68	56162.48438	56146.28895	56149.76953	505221.0	5408013.7
L5220.0	505221.0	5408015.0	10549.50000	319.66	130	48.825094	-86.928867	56158.64	56250.7	-0.69	56157.95	56161.73828	56143.91573	56147.37500	505221.0	5408015.0
L5220.0	505221.1	5408016.5	10549.59961	319.61	130	48.825107	-86.928867	56158.14	56250.7	-0.69	56157.45	56161.22266	56145.93400	56149.36719	505221.1	5408016.5
L5220.0	505221.1	5408016.5	10549.70020	320.50	130	48.825107	-86.928867	56157.40	56250.7	-0.69	56156.71	56160.46484	56143.33785	56146.75000	505221.1	5408016.5
L5220.0	505221.1	5408019.4	10549.79981	318.93	130	48.825133	-86.928866	56156.64	56250.7	-0.69	56155.95	56159.69141	56140.33320	56143.71875	505221.1	5408019.4
L5220.0	505221.1	5408019.4	10549.90039	320.50	130	48.825133	-86.928866	56156.03	56250.7	-0.69	56155.34	56159.06250	56140.20605	56143.56641	505221.1	5408019.4
L5220.0	505221.1	5408020.5	10550.00000	320.82	130	48.825143	-86.928866	56155.36	56250.7	-0.69	56154.67	56158.37500	56138.90561	56142.24219	505221.1	5408020.5
L5220.0	505221.2	5408021.9	10550.00000	320.82	125	48.825156	-86.928865	56154.54	56250.7	-0.69	56153.85	56157.53906	56134.67644	56137.98438	505221.2	5408021.9
L5220.0	505221.2	5408023.2	10550.09961	321.73	125	48.825168	-86.928865	56154.06	56250.7	-0.69	56153.37	56157.03906	56137.03383	56140.31641	505221.2	5408023.2
L5220.0	505221.2	5408024.5	10550.20020	322.61	114.69	48.825179	-86.928865	56153.53	56250.7	-0.69	56152.83	56156.48047	56138.21586	56141.47266	505221.2	5408024.5
L5220.0	505221.2	5408024.5	10550.20020	322.61	115.93	48.825179	-86.928865	56152.88	56250.7	-0.69	56152.19	56155.82422	56137.43492	56140.66406	505221.2	5408024.5
L5220.0	505221.2	5408026.1	10550.50000	320.16	115.93	48.825194	-86.928865	56152.16	56250.7	-0.69	56151.47	56155.08203	56135.07248	56138.27344	505221.2	5408026.1
L5220.0	505221.2	5408027.4	10550.59961	318.29	115.07	48.825205	-86.928864	56151.48	56250.7	-0.70	56150.78	56154.37500	56133.27200	56136.44531	505221.2	5408027.4
L5220.0	505221.2	5408028.8	10550.70020	321.05	116.23	48.825218	-86.928864	56150.81	56250.7	-0.70	56150.11	56153.68359	56131.83823	56134.98438	505221.2	5408028.8
L5220.0	505221.2	5408030.2	10550.79981	320.23	116.23	48.825230	-86.928864	56150.24	56250.7	-0.70	56149.54	56153.09375	56132.33639	56135.45313	505221.2	5408030.2
L5220.0	505221.2	5408030.2	10550.90039	320.36	116.73	48.825230	-86.928864	56149.62	56250.7	-0.70	56148.92	56152.45313	56131.82900	56134.91797	505221.2	5408030.2
L5220.0	505221.3	5408031.5	10551.00000	319.74	116.73	48.825242	-86.928864	56149.25	56250.7	-0.70	56148.55	56152.06250	56136.19893	56139.25781	505221.3	5408031.5
L5220.0	505221.3	5408032.9	10551.09961	321.95	116.73	48.825254	-86.928864	56148.47	56250.7	-0.70	56147.77	56151.25781	56132.49231	56135.51953	505221.3	5408032.9
L5220.0	505221.3	5408034.2	10551.20020	322.50	116.73	48.825266	-86.928864	56147.92	56250.7	-0.70	56147.22	56150.68750	56133.27106	56136.26953	505221.3	5408034.2
L5220.0	505221.3	5408034.2	10551.29981	320.46	116.73	48.825266	-86.928864	56147.13	56250.7	-0.70	56146.42	56149.86328	56129.09031	56132.05859	505221.3	5408034.2
L5220.0	505221.2	5408036.5	10551.40039	320.91	116.73	48.825287	-86.928864	56146.53	56250.7	-0.70	56145.82	56149.24219	56128.81125	56131.74609	505221.2	5408036.5
L5220.0	505221.2	5408036.5	10551.50000	321.23	116.73	48.825287	-86.928864	56145.76	56250.7	-0.71	56145.06	56148.45703	56125.32928	56128.23047	505221.2	5408036.5
L5220.0	505221.2	5408038.0	10551.59961	320.48	116.73	48.825301	-86.928865	56145.18	56250.7	-0.71	56144.47	56147.84375	56125.16801	56128.03906	505221.2	5408038.0
L5220.0	505221.2	5408039.2	10551.70020	320.29	116.73	48.825311	-86.928865	56144.40	56250.7	-0.71	56143.70	56147.05078	56121.39239	56124.23047	505221.2	5408039.2
L5220.0	505221.2	5408040.3	10551.79981	319.71	114.68	48.825321	-86.928865	56143.96	56250.7	-0.71	56143.25	56146.57422	56123.93188	56126.73438	505221.2	5408040.3
L5220.0	505221.1	5408041.2	10551.90039	319.57	114.68	48.825330	-86.928865	56143.21	56250.7	-0.71	56142.50	56145.80078	56120.45963	56123.23047	505221.1	5408041.2
L5220.0	505221.1	5408041.2	10552.00000	319.47	116.21	48.825330	-86.928865	56142.70	56250.7	-0.71	56141.99	56145.26563	56121.72563	56124.46094	505221.1	5408041.2
L5220.0	505221.1	5408043.3	10552.00000	319.47	116.21	48.825348	-86.928866	56141.98	56250.7	-0.71	56141.27	56144.51953	56118.75480	56121.45313	505221.1	5408043.3
L5220.0	505221.0	5408044.6	10552.20020	321.95	116.21	48.825360	-86.928867	56141.46	56250.7	-0.71	56140.75	56143.97266	56119.73403	56122.39844	505221.0	5408044.6
L5220.0	505221.0	5408046.0	10552.29981	322.23	116.21	48.825372	-86.928867	56140.76	56250.7	-0.70	56140.05	56143.24609	56117.06684	56119.69531	505221.0	5408046.0
L5220.0	505221.0	5408047.4	10552.40039	323.95	116.21	48.825385	-86.928868	56140.18	56250.7	-0.70	56139.47	56142.63672	56116.75188	56119.33984	505221.0	5408047.4
L5220.0	505220.9	5408049.0	10552.50000	321.30	116.21	48.825399	-86.928868	56139.48	56250.7	-0.70	56138.78	56141.91797	56114.18841	56116.73828	505220.9	5408049.0
L5220.0	505220.9	5408049.8	10552.59961	321.08	116.21	48.825407	-86.928868	56138.96	56250.7	-0.70	56138.26	56141.37109	56114.97019	56117.48438	505220.9	5408049.8
L5220.0	505220.9	5408049.8	10552.70020	320.26	116.21	48.825407	-86.928868	56138.33	56250.7	-0.70	56137.64	56140.72266	56113.70023	56116.17578	505220.9	5408049.8
L5220.0	505220.9	5408051.3	10552.79981	320.77	118.93	48.825420	-86.928868	56137.75	56250.7	-0.69	56137.05	56140.10156	56112.97089	56115.40625	505220.9	5408051.3
L5220.0	505220.9	5408052.8	10552.90039	321.37	118.93	48.825434	-86.928869	56137.24	56250.7	-0.69	56136.55	56139.57031	56113.96263	56116.35547	505220.9	5408052.8
L5220.0	505220.9	5408054.2	10553.00000	323.60	118.93	48.825446	-86.928869	56136.71	56250.7	-0.69	56136.02	56139.01172	56114.28563	56116.64063	505220.9	5408054.2
L5220.0	505220.9	5408055.1	10553.09961	323.33	118.93	48.825454	-86.928869	56136.07	56250.7	-0.69	56135.39	56138.35156	56112.56771	56114.87891	505220.9	5408055.1
L5220.0	505220.9	5408056.4	10553.20020	321.93	113.53	48.825466	-86.928869	56135.65	56250.7	-0.69	56134.97	56137.89844	56114.89224	56117.16406	505220.9	5408056.4
L5220.0	505220.9	5408057.5	10553.29981	321.12	113.63	48.825476	-86.928868	56135.07	56250.7	-0.68	56134.38	56137.27734	56113.80566	56116.03125	505220.9	5408057.5
L5220.0	505220.9	5408058.7	10553.40039	320.32	113.63	48.825487	-86.928868	56134.54	56250.7	-0.68	56133.85	56136.71484	56113.80362	56115.98828	505220.9	5408058.7
L5220.0	505220.9	5408059.8	10553.50000	320.63	113.35	48.825497	-86.928868	56134.06	56250.7	-0.68	56133.38	56136.21484	56114.86086	56117.00000	505220.9	5408059.8
L5220.0	505220.9	5408059.8	10553.59961	320.24	115.43	48.825497	-86.928868	56133.49	56250.7	-0.68	56132.81	56135.60938	56113.90236	56115.99609	505220.9	5408059.8
L5220.0	505220.9	5408062.3	10553.70020	318.46	113.02	48.825519	-86.928868	56132.86	56250.7	-0.68	56132.18	56134.94531	56111.72320	56113.77344	505220.9	5408062.3
L5220.0	505220.9	5408062.3	10553.79981	317.99	113.02	48.825519	-86.928868	56132.21	56250.7	-0.67	56131.53	56134.26172	56109.09767	56111.10156	505220.9	5408062.3
L5220.0	505220.9	5408063.7	10553.90039	318.41	113.02	48.825532	-86.928868	56131.70	56250.7	-0.67	56131.03	56133.72656	56109.18916	56111.14453	505220.9	5408063.7
L5220.0	505220.9	5408064.9	10554.00000	319.30	112.17	48.825542	-86.928868	56131.02	56250.7	-0.67	56130.35	56133.01172	56105.84614	56107.75391	505220.9	5408064.9
L5220.0	505220.9	5408066.6	10554.00000	319.30	112.17	48.825557	-86.928868	56130.64	56250.7	-0.67	56129.97	56132.59766	56107.90945	56109.76953	505220.9	5408066.6
L5220.0	505220.9	5408066.6	10554.20020	321.13	102.76	48.825557	-86.928868	56130.12	56250.7	-0.67	56129.45	56132.04297	56107.26834	56109.08203	505220.9	5408066.6
L5220.0	505220.9	5408066.6	10554.29981	321.48	102.84	48.825557	-86.928868	56129.61	56250.7	-0.67	56128.94	56131.49609	56106.67401	56108.43750	505220.9	5408066.6
L5220.0	505220.9	5408068.9	10554.40039	321.92	100.88	48.825578	-86.928869	56129.06	56250.7	-0.67	56128.40	56130.91797	56105.40165	56107.11328	505220.9	5408068.9
L5220.0	505220.8	5408070.1	10554.50000	321.01	100.88	48.825589	-86.928869	56128.57	56250.7	-0.67	56127.91	56130.39063	56104.87401	56106.53516	505220.8	5408070.1
L5220.0	505220.8	5408072.0	10554.59961	318.88	100.52	48.825606	-86.928870	56128.08	56250.7	-0.66	56127.41	56129.85547	56104.00942	56105.61719	505220.8	5408072.0
L5220.0	505220.7	5408073.3	10554.70020	317.62	99.2	48.825618	-86.928870	56127.47	56250.7	-0.66	56126.81	56129.21484	56101.21954	56102.77734	505220.7	5408073.3
L5220.0	505220.7	5408074.0	10554.79981	318.44	99.16	48.825625	-86.928871	56126.97	56250.7	-0.66	56126.31	56128.67969	56100.03127	56101.53516	505220.7	5408074.0
L5220.0	505220.7	5408075.5	10554.90039	317.01	99.16	48.825638	-86.928871	56126.46	56250.7	-0.66	56125.80	56128.12891	56098.49352	56099.94141	505220.7	5408075.5
L5220.0	505220.6	5408076.9	10555.00000	316.68	97.21	48.825650	-86.928872	56126.04	56250.7	-0.66	56125.38	56127.67188	56098.36431	56099.75781	505220.6	5408076.9
L5220.0	505220.6	5408076.9	10555.09961	315.73	101.82	48.825650	-86.928872	56125.68	56250.7	-0.66	56125.02	56127.26953	56099.11664	56100.45703	505220.6	5408076.9
L5220.0	505220.6	5408078.3	10555.20020	317.02	101.82	48.825663	-86.928872	56125.20	56250.7	-0.66	56124.53	56126.74219	56097.40313	56098.68750	505220.6	5408078.3
L5220.0	505220.6	5408079.7	10555.29981	316.74	99.24	48.825676	-86.928873	56124.88	56250.7	-0.67	56124.21	56126.37891	56098.52212	56099.75000	505220.6	5408079.7
L5220.0	505220.5	5408080.7	10555.40039	316.82	101.07	48.825685	-86.928873	56124.39	56250.7	-0.67	56123.72	56125.85156	56096.45497	56097.62500	505220.5	5408080.7
L5220.0	505220.5	5408082.1	10555.50000	317.63	102.89	48.825697	-86.928873	56124.04	56250.7	-0.67	56123.37	56125.45703	56096.69706	56097.80859	505220.5	5408082.1
L5220.0	505220.5	5408083.4	10555.59961	317.59	102.89	48.825709	-86.928874	56123.64	56250.7	-0.67	56122.97	56125.01563	56095.86695	56096.91797	505220.5	5408083.4
L5220.0	505220.5	5408083.4	10555.70020	318.57	100.27	48.825709	-86.928874	56123.23	56250.7	-0.67	56122.55	56124.55469	56094.48973	56095.48438	505220.5	5408083.4
L5220.0	505220.5	5408084.8	10555.79981	319.00	99.36	48.825722	-86.928874	56122.80	56250.7	-0.68	56122.12	56124.08203	56092.73667	56093.66797	505220.5	5408084.8
L5220.0	505220.4	5408086.2	10555.90039	320.45	99.36	48.825734	-86.928874	56122.52	56250.7	-0.68	56121.84	56123.76172	56093.52073	56094.39453	505220.4	5408086.2
L5220.0	505220.4	5408087.5	10556.00000	320.06	100.72	48.825746	-86.928874	56122.21	56250.7	-0.68	56121.53	56123.40625	56093.58333	56094.39453	505220.4	5408087.5
L5220.0	505220.4	5408088.7	10556.00000	320.06	102	48.825757	-86.928874	56121.98	56250.7	-0.68	56121.30	56123.13281	56094.94745	56095.69531	505220.4	5408088.7
L5220.0	505220.4	5408090.1	10556.20020	323.25	104.52	48.825769	-86.928874	56121.66	56250.7	-0.67	56120.99	56122.78125	56094.66109	56095.34766	505220.4	5408090.1
L5220.0	505220.4	5408091.3	10556.29981	322.01	104.52	48.825780	-86.928874	56121.38	56250.7	-0.67	56120.71	56122.45703	56094.75506	56095.37891	505220.4	5408091.3
L5220.0	505220.4	5408091.3	10556.40039	321.57	100.8	48.825780	-86.928874	56120.95	56250.7	-0.66	56120.29	56121.99219	56092.02820	56092.58594	505220.4	5408091.3
L5220.0	505220.4	5408092.9	10556.50000	320.25	100.8	48.825795	-86.928874	56120.65	56250.7	-0.66	56119.99	56121.64844	56091.37182	56091.86328	505220.4	5408092.9
L5220.0	505220.5	5408094.7	10556.59961	319.52	102.66	48.825811	-86.928874	56120.32	56250.7	-0.66	56119.66	56121.27344	56089.95924	56090.38672	505220.5	5408094.7
L5220.0	505220.5	5408095.6	10556.70020	318.31	102.66	48.825819	-86.928874	56119.98	56250.7	-0.65	56119.33	56120.89844	56088.35724	56088.71875	505220.5	5408095.6
L5220.0	505220.5	5408097.1	10556.79981	318.79	101.13	48.825832	-86.928874	56119.71	56250.6	-0.65	56119.06	56120.58594	56087.72847	56088.02344	505220.5	5408097.1
L5220.0	505220.5	5408097.1	10556.90039	318.81	99.91	48.825832	-86.928874	56119.54	56250.6	-0.64	56118.89	56120.37109	56088.86889	56089.09766	505220.5	5408097.1
L5220.0	505220.5	5408098.4	10557.00000	320.20	97.88	48.825844	-86.928874	56119.25	56250.6	-0.64	56118.61	56120.04297	56087.70452	56087.86328	505220.5	5408098.4
L5220.0	505220.5	5408099.7	10557.09961	320.31	97.88	48.825855	-86.928873	56119.07	56250.6	-0.64	56118.43	56119.81641	56088.31831	56088.41016	505220.5	5408099.7
L5220.0	505220.5	5408099.7	10557.20020	319.00	98.94	48.825855	-86.928873	56118.81	56250.6	-0.64	56118.16	56119.50391	56086.99583	56087.01953	505220.5	5408099.7
L5220.0	505220.5	5408101.7	10557.29981	318.59	97.82	48.825874	-86.928873	56118.68	56250.6	-0.64	56118.04	56119.33594	56088.44210	56088.39453	505220.5	5408101.7
L5220.0	505220.5	5408103.1	10557.40039	320.88	97.82	48.825886	-86.928873	56118.46	56250.6	-0.64	56117.82	56119.07031	56087.74663	56087.62891	505220.5	5408103.1
L5220.0	505220.5	5408104.5	10557.50000	322.51	100.04	48.825899	-86.928873	56118.25	56250.6	-0.65	56117.60	56118.80469	56086.86962	56086.68359	505220.5	5408104.5
L5220.0	505220.5	5408105.9	10557.59961	321.41	100.24	48.825911	-86.928873	56118.11	56250.6	-0.65	56117.47	56118.62891	56087.58838	56087.33203	505220.5	5408105.9
L5220.0	505220.5	5408107.0	10557.70020	320.39	100.24	48.825921	-86.928873	56117.99	56250.6	-0.65	56117.35	56118.46094	56088.33087	56088.00391	505220.5	5408107.0
L5220.0	505220.5	5408107.0	10557.79981	321.45	99.25	48.825921	-86.928873	56117.82	56250.6	-0.65	56117.17	56118.23438	56087.71832	56087.31641	505220.5	5408107.0
L5220.0	505220.5	5408108.4	10557.90039	322.07	102.82	48.825934	-86.928873	56117.69	56250.6	-0.65	56117.04	56118.05859	56087.92869	56087.45703	505220.5	5408108.4
L5220.0	505220.5	5408109.8	10558.00000	323.63	102.82	48.825946	-86.928873	56117.48	56250.7	-0.65	56116.83	56117.80078	56086.40142	56085.85547	505220.5	5408109.8
L5220.0	505220.5	5408111.2	10558.00000	323.63	103.34	48.825959	-86.928873	56117.31	56250.7	-0.65	56116.66	56117.58203	56085.51656	56084.89844	505220.5	5408111.2
L5220.0	505220.5	5408112.6	10558.20020	320.43	102.46	48.825971	-86.928873	56117.15	56250.6	-0.64	56116.50	56117.37500	56084.69005	56084.00000	505220.5	5408112.6
L5220.0	505220.5	5408113.5	10558.29981	321.84	102.01	48.825980	-86.928873	56117.19	56250.6	-0.64	56116.55	56117.37891	56087.84884	56087.08594	505220.5	5408113.5

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5220.0	505220.5	5408115.0	10558.40039	322.55	102.01	48.825993	-86.928873	56117.06	56250.6	-0.64	56116.42	56117.20313	56087.33620	56086.50000	505220.5	5408115.0
L5220.0	505220.5	5408115.0	10558.50000	320.19	103.88	48.825993	-86.928873	56117.11	56250.6	-0.64	56116.47	56117.20703	56090.18525	56089.27344	505220.5	5408115.0
L5220.0	505220.5	5408116.3	10558.59961	319.33	105.52	48.826005	-86.928873	56116.98	56250.6	-0.63	56116.34	56117.02734	56089.39591	56088.41016	505220.5	5408116.3
L5220.0	505220.5	5408117.7	10558.70020	320.08	102.11	48.826017	-86.928873	56117.06	56250.6	-0.63	56116.43	56117.07031	56092.69089	56091.62891	505220.5	5408117.7
L5220.0	505220.5	5408118.8	10558.79981	320.21	102.11	48.826028	-86.928874	56116.85	56250.6	-0.63	56116.23	56116.82422	56090.29891	56089.16406	505220.5	5408118.8
L5220.0	505220.4	5408120.2	10558.90039	320.41	102.6	48.826040	-86.928874	56116.95	56250.6	-0.62	56116.33	56116.87891	56093.45644	56092.24609	505220.4	5408120.2
L5220.0	505220.4	5408121.3	10559.00000	321.65	103.31	48.826050	-86.928874	56116.80	56250.6	-0.62	56116.18	56116.67969	56091.75821	56090.47266	505220.4	5408121.3
L5220.0	505220.4	5408122.5	10559.09961	322.24	103.31	48.826060	-86.928874	56116.72	56250.6	-0.62	56116.10	56116.55469	56091.24440	56089.88281	505220.4	5408122.5
L5220.0	505220.4	5408123.6	10559.20020	322.23	100.39	48.826071	-86.928875	56116.65	56250.6	-0.62	56116.03	56116.43750	56090.77775	56089.33984	505220.4	5408123.6
L5220.0	505220.4	5408123.6	10559.29981	319.83	101.8	48.826071	-86.928875	56116.63	56250.6	-0.62	56116.01	56116.37109	56091.08169	56089.57031	505220.4	5408123.6
L5220.0	505220.3	5408125.5	10559.40039	318.45	104.28	48.826087	-86.928875	56116.60	56250.6	-0.62	56115.98	56116.29297	56091.05138	56089.46484	505220.3	5408125.5
L5220.0	505220.3	5408128.0	10559.50000	318.62	101.65	48.826110	-86.928876	56116.55	56250.6	-0.62	56115.93	56116.19922	56090.51083	56088.84766	505220.3	5408128.0
L5220.0	505220.3	5408128.0	10559.59961	317.67	101.65	48.826110	-86.928876	56116.60	56250.6	-0.62	56115.98	56116.20313	56091.63169	56089.89453	505220.3	5408128.0
L5220.0	505220.3	5408129.2	10559.70020	316.38	103.26	48.826121	-86.928876	56116.68	56250.6	-0.62	56116.06	56116.23828	56093.14425	56091.33203	505220.3	5408129.2
L5220.0	505220.3	5408130.4	10559.79981	317.11	103.26	48.826132	-86.928876	56116.66	56250.6	-0.62	56116.04	56116.17188	56092.71445	56090.82813	505220.3	5408130.4
L5220.0	505220.2	5408131.6	10559.90039	316.26	100.83	48.826142	-86.928876	56116.75	56250.6	-0.62	56116.13	56116.21484	56094.13849	56092.17578	505220.2	5408131.6
L5220.0	505220.2	5408132.5	10560.00000	316.29	102.25	48.826150	-86.928877	56116.75	56250.6	-0.62	56116.13	56116.17188	56093.81434	56091.77734	505220.2	5408132.5
L5220.0	505220.2	5408133.7	10560.00000	316.29	107.66	48.826161	-86.928877	56116.90	56250.6	-0.62	56116.28	56116.27734	56096.09395	56093.98047	505220.2	5408133.7
L5220.0	505220.2	5408135.2	10560.20020	318.10	107.66	48.826175	-86.928877	56116.88	56250.6	-0.62	56116.26	56116.21094	56095.18084	56092.99609	505220.2	5408135.2
L5220.0	505220.2	5408135.2	10560.29981	317.22	104.49	48.826175	-86.928877	56117.06	56250.6	-0.61	56116.44	56116.34766	56097.82187	56095.56250	505220.2	5408135.2
L5220.0	505220.2	5408137.5	10560.40039	319.09	106.27	48.826195	-86.928877	56117.03	56250.6	-0.61	56116.42	56116.28516	56096.70947	56094.37500	505220.2	5408137.5
L5220.0	505220.2	5408137.5	10560.50000	320.85	106.27	48.826195	-86.928877	56117.11	56250.6	-0.61	56116.50	56116.32031	56097.34929	56094.94141	505220.2	5408137.5
L5220.0	505220.1	5408139.8	10560.59961	320.54	108.03	48.826216	-86.928878	56117.08	56250.6	-0.61	56116.47	56116.24609	56095.85903	56093.37891	505220.1	5408139.8
L5220.0	505220.1	5408141.1	10560.70020	320.80	106.11	48.826228	-86.928878	56117.11	56250.6	-0.61	56116.50	56116.23438	56095.39693	56092.84375	505220.1	5408141.1
L5220.0	505220.1	5408141.1	10560.79981	320.56	106.11	48.826228	-86.928878	56117.13	56250.6	-0.60	56116.53	56116.22266	56094.85581	56092.23047	505220.1	5408141.1
L5220.0	505220.1	5408142.5	10560.90039	322.18	107.69	48.826241	-86.928878	56117.21	56250.6	-0.60	56116.61	56116.25781	56095.19473	56092.49609	505220.1	5408142.5
L5220.0	505220.1	5408143.8	10561.00000	322.29	107.69	48.826253	-86.928879	56117.23	56250.6	-0.60	56116.63	56116.23828	56094.33166	56091.56250	505220.1	5408143.8
L5220.0	505220.0	5408145.2	10561.09961	320.64	100.72	48.826265	-86.928879	56117.41	56250.6	-0.60	56116.81	56116.37500	56096.49156	56093.65234	505220.0	5408145.2
L5220.0	505220.0	5408145.2	10561.20020	320.45	108.32	48.826265	-86.928879	56117.51	56250.6	-0.60	56116.91	56116.43750	56097.08052	56094.17188	505220.0	5408145.2
L5220.0	505220.0	5408146.6	10561.29981	322.57	104.14	48.826277	-86.928879	56117.59	56250.6	-0.60	56116.99	56116.47656	56097.24437	56094.26563	505220.0	5408146.6
L5220.0	505220.0	5408147.7	10561.40039	322.60	103.01	48.826287	-86.928880	56117.59	56250.6	-0.60	56116.99	56116.43359	56095.80796	56092.76172	505220.0	5408147.7
L5220.0	505220.0	5408149.1	10561.50000	322.72	103.01	48.826300	-86.928880	56117.74	56250.6	-0.60	56117.14	56116.54688	56097.27239	56094.15625	505220.0	5408149.1
L5220.0	505219.9	5408150.5	10561.59961	319.76	108.39	48.826313	-86.928880	56117.78	56250.6	-0.60	56117.18	56116.54688	56096.55122	56093.36719	505219.9	5408150.5
L5220.0	505219.9	5408151.4	10561.70020	319.93	105.38	48.826321	-86.928881	56117.89	56250.6	-0.60	56117.29	56116.61719	56097.18319	56093.93359	505219.9	5408151.4
L5220.0	505219.9	5408152.8	10561.79981	318.46	105.38	48.826333	-86.928881	56117.87	56250.6	-0.60	56117.27	56116.55859	56095.22492	56091.90625	505219.9	5408152.8
L5220.0	505219.8	5408154.1	10561.90039	319.61	105.76	48.826345	-86.928882	56117.99	56250.6	-0.60	56117.39	56116.64453	56096.01524	56092.63281	505219.8	5408154.1
L5220.0	505219.8	5408154.1	10562.00000	319.16	105.76	48.826345	-86.928882	56118.11	56250.6	-0.60	56117.51	56116.72656	56096.79165	56093.34375	505219.8	5408154.1
L5220.0	505219.8	5408155.5	10562.00000	319.16	107.24	48.826358	-86.928882	56118.25	56250.6	-0.60	56117.65	56116.82813	56097.95180	56094.44141	505219.8	5408155.5
L5220.0	505219.8	5408156.2	10562.20020	320.29	107.73	48.826364	-86.928883	56118.39	56250.6	-0.60	56117.79	56116.93359	56099.09767	56095.52344	505219.8	5408156.2
L5220.0	505219.7	5408157.6	10562.29981	318.46	107.31	48.826376	-86.928883	56118.45	56250.6	-0.61	56117.84	56116.94922	56098.44500	56094.80859	505219.7	5408157.6
L5220.0	505219.7	5408159.0	10562.40039	320.99	102.93	48.826389	-86.928884	56118.52	56250.6	-0.61	56117.91	56116.98438	56098.17825	56094.48047	505219.7	5408159.0
L5220.0	505219.6	5408160.3	10562.50000	320.89	102.93	48.826401	-86.928884	56118.68	56250.6	-0.61	56118.07	56117.10938	56099.68653	56095.92969	505219.6	5408160.3
L5220.0	505219.6	5408161.2	10562.59961	321.09	109.52	48.826409	-86.928885	56118.74	56250.6	-0.61	56118.13	56117.13672	56099.20517	56095.39063	505219.6	5408161.2
L5220.0	505219.6	5408162.6	10562.70020	321.40	109.92	48.826421	-86.928885	56118.81	56250.6	-0.61	56118.19	56117.16406	56098.72094	56094.84766	505219.6	5408162.6
L5220.0	505219.5	5408163.7	10562.79981	321.86	109.92	48.826431	-86.928886	56118.92	56250.6	-0.62	56118.31	56117.25000	56099.42897	56095.50000	505219.5	5408163.7
L5220.0	505219.5	5408164.8	10562.90039	321.59	101.06	48.826441	-86.928886	56119.01	56250.6	-0.62	56118.39	56117.30078	56099.35200	56095.36719	505219.5	5408164.8
L5220.0	505219.5	5408165.9	10563.00000	321.11	101.06	48.826451	-86.928886	56119.13	56250.6	-0.62	56118.51	56117.39063	56100.07828	56096.03906	505219.5	5408165.9
L5220.0	505219.5	5408165.9	10563.09961	321.44	108.87	48.826451	-86.928886	56119.36	56250.6	-0.62	56118.74	56117.58984	56102.99250	56098.89844	505219.5	5408165.9
L5220.0	505219.4	5408167.5	10563.20020	320.83	109.73	48.826465	-86.928887	56119.33	56250.6	-0.62	56118.71	56117.52734	56100.78486	56096.63672	505219.4	5408167.5
L5220.0	505219.4	5408168.8	10563.29981	319.65	109.73	48.826478	-86.928887	56119.49	56250.6	-0.61	56118.87	56117.66016	56102.34951	56098.15234	505219.4	5408168.8
L5220.0	505219.4	5408170.2	10563.40039	322.15	107.81	48.826489	-86.928887	56119.68	56250.6	-0.61	56119.07	56117.83203	56104.71889	56100.47266	505219.4	5408170.2
L5220.0	505219.4	5408171.5	10563.50000	323.10	108.19	48.826502	-86.928888	56119.79	56250.6	-0.61	56119.18	56117.91406	56105.33716	56101.04297	505219.4	5408171.5
L5220.0	505219.4	5408171.5	10563.59961	322.27	107.72	48.826502	-86.928888	56119.79	56250.6	-0.61	56119.18	56117.88672	56103.82321	56099.48047	505219.4	5408171.5
L5220.0	505219.4	5408173.1	10563.70020	321.77	107.72	48.826516	-86.928888	56119.86	56250.6	-0.61	56119.26	56117.94141	56103.90800	56099.51953	505219.4	5408173.1
L5220.0	505219.4	5408173.8	10563.79981	321.70	106.59	48.826522	-86.928888	56120.17	56250.6	-0.60	56119.56	56118.21484	56108.31384	56103.87891	505219.4	5408173.8
L5220.0	505219.3	5408175.2	10563.90039	320.23	107.59	48.826534	-86.928888	56120.17	56250.6	-0.60	56119.57	56118.19922	56107.08717	56102.60938	505219.3	5408175.2
L5220.0	505219.3	5408176.5	10564.00000	319.36	106.75	48.826546	-86.928888	56120.32	56250.6	-0.60	56119.72	56118.32813	56108.61849	56104.10156	505219.3	5408176.5
L5220.0	505219.4	5408177.6	10564.00000	319.36	106.75	48.826556	-86.928888	56120.34	56250.6	-0.60	56119.74	56118.32422	56107.65972	56103.10156	505219.4	5408177.6
L5220.0	505219.4	5408178.4	10564.20020	318.65	110.32	48.826564	-86.928888	56120.44	56250.6	-0.60	56119.84	56118.40234	56108.28807	56103.68750	505219.4	5408178.4
L5220.0	505219.4	5408179.8	10564.29981	318.26	110.32	48.826576	-86.928888	56120.44	56250.6	-0.61	56119.83	56118.36719	56106.83024	56102.19531	505219.4	5408179.8
L5220.0	505219.4	5408181.2	10564.40039	318.26	110.12	48.826588	-86.928888	56120.44	56250.6	-0.61	56119.83	56118.34766	56105.60857	56100.93750	505219.4	5408181.2
L5220.0	505219.4	5408181.2	10564.50000	318.74	109.77	48.826588	-86.928888	56120.50	56250.6	-0.61	56119.89	56118.38672	56105.58284	56100.87500	505219.4	5408181.2
L5220.0	505219.4	5408183.7	10564.59961	319.98	109.77	48.826611	-86.928888	56120.63	56250.6	-0.61	56120.01	56118.48828	56106.74935	56102.00781	505219.4	5408183.7
L5220.0	505219.4	5408184.6	10564.70020	320.73	108.09	48.826619	-86.928888	56120.68	56250.6	-0.61	56120.06	56118.51953	56106.61389	56101.83984	505219.4	5408184.6
L5220.0	505219.4	5408184.6	10564.79981	320.71	109.64	48.826619	-86.928888	56120.77	56250.6	-0.62	56120.15	56118.58984	56107.28969	56102.48828	505219.4	5408184.6
L5220.0	505219.4	5408185.9	10564.90039	321.62	109.8	48.826631	-86.928887	56120.77	56250.6	-0.62	56120.15	56118.57422	56106.28894	56101.45703	505219.4	5408185.9
L5220.0	505219.4	5408187.3	10565.00000	322.36	101.73	48.826644	-86.928887	56120.95	56250.6	-0.62	56120.33	56118.73828	56108.78259	56103.92578	505219.4	5408187.3
L5220.0	505219.4	5408188.3	10565.09961	320.96	101.73	48.826652	-86.928888	56120.95	56250.6	-0.62	56120.34	56118.73047	56108.07538	56103.19141	505219.4	5408188.3
L5220.0	505219.4	5408189.3	10565.20020	319.72	101.96	48.826662	-86.928888	56121.20	56250.6	-0.61	56120.59	56118.96484	56112.00868	56107.10156	505219.4	5408189.3
L5220.0	505219.4	5408190.7	10565.29981	319.20	102.63	48.826674	-86.928888	56121.08	56250.6	-0.61	56120.47	56118.83203	56108.92850	56104.00000	505219.4	5408190.7
L5220.0	505219.4	5408192.1	10565.40039	320.49	103.87	48.826687	-86.928888	56121.07	56250.6	-0.60	56120.47	56118.81641	56108.20028	56103.25000	505219.4	5408192.1
L5220.0	505219.4	5408193.4	10565.50000	320.12	103.87	48.826699	-86.928888	56121.00	56250.6	-0.60	56120.40	56118.73438	56106.19906	56101.23047	505219.4	5408193.4
L5220.0	505219.4	5408194.1	10565.59961	319.38	104.84	48.826705	-86.928888	56121.08	56250.6	-0.60	56120.48	56118.80078	56107.11562	56102.12891	505219.4	5408194.1
L5220.0	505219.4	5408195.3	10565.70020	316.92	97.55	48.826715	-86.928888	56121.07	56250.6	-0.59	56120.48	56118.78906	56106.57185	56101.57031	505219.4	5408195.3
L5220.0	505219.3	5408196.6	10565.79981	318.25	97.55	48.826727	-86.928888	56121.21	56250.6	-0.59	56120.62	56118.91797	56108.74809	56103.73047	505219.3	5408196.6
L5220.0	505219.3	5408197.8	10565.90039	319.01	92.49	48.826738	-86.928888	56121.16	56250.6	-0.58	56120.58	56118.87109	56107.57442	56102.54688	505219.3	5408197.8
L5220.0	505219.3	5408199.0	10566.00000	318.08	93.47	48.826749	-86.928888	56121.35	56250.6	-0.58	56120.77	56119.05078	56110.81053	56105.76953	505219.3	5408199.0
L5220.0	505219.3	5408200.1	10566.00000	318.08	99.87	48.826759	-86.928888	56121.28	56250.6	-0.58	56120.70	56118.97266	56109.20219	56104.15234	505219.3	5408200.1
L5220.0	505219.3	5408201.4	10566.20020	320.47	99.87	48.826770	-86.928888	56121.40	56250.6	-0.58	56120.82	56119.08203	56111.23027	56106.17188	505219.3	5408201.4
L5220.0	505219.3	5408201.4	10566.29981	320.07	105.24	48.826770	-86.928888	56121.36	56250.6	-0.58	56120.78	56119.03516	56110.31937	56105.25781	505219.3	5408201.4
L5220.0	505219.3	5408203.2	10566.40039	319.25	105.24	48.826787	-86.928888	56121.25	56250.6	-0.58	56120.67	56118.92188	56108.17629	56103.10938	505219.3	5408203.2
L5220.0	505219.3	5408204.6	10566.50000	319.44	105.63	48.826799	-86.928888	56121.23	56250.6	-0.58	56120.65	56118.89453	56107.78096	56102.71094	505219.3	5408204.6
L5220.0	505219.3	5408205.9	10566.59961	317.96	108.18	48.826811	-86.928888	56121.32	56250.6	-0.58	56120.74	56118.98047	56109.48056	56104.41016	505219.3	5408205.9
L5220.0	505219.3	5408205.9	10566.70020	318.54	106.61	48.826811	-86.928888	56121.28	56250.6	-0.58	56120.70	56118.93359	56108.83910	56103.76953	505219.3	5408205.9
L5220.0	505219.3	5408207.1	10566.79981	318.73	105.56	48.826821	-86.928888	56121.31	56250.6	-0.58	56120.73	56118.96094	56109.54386	56104.47656	505219.3	5408207.1
L5220.0	505219.3	5408208.6	10566.90039	321.25	105.56	48.826835	-86.928888	56121.18	56250.6	-0.58	56120.60	56118.82813	56107.38809	56102.32422	505219.3	5408208.6
L5220.0	505219.3	5408209.8	10567.00000	321.65	106.36	48.826846	-86.928889	56121.26	56250.6	-0.58	56120.68	56118.90625	56109.11405	56104.05859	505219.3	5408209.8
L5220.0	505219.3	5408211.1	10567.09961	319.38	105.93	48.826858	-86.928889	56121.25	56250.6	-0.58	56120.67	56118.89453	56109.25472	56104.20703	505219.3	5408211.1
L5220.0	505219.3	5408212.0	10567.20020	318.71	108.25	48.826866	-86.928889	56121.34	56250.6	-0.58	56120.76	56118.98438	56111.24614	56106.20703	505219.3	5408212.0
L5220.0	505219.3	5408213.3	10567.29981	318.58	108.25	48.826878	-86.928889	56121.25	56250.6	-0.58	56120.67	56118.89453	56110.04353	56105.01563	505219.3	5408213.3
L5220.0	505219.3	5408213.3	10567.40039	318.12	108.22	48.826878	-86.928889	56121.21	56250.6	-0.58	56120.63	56118.85547	56109.78908	56104.77344	505219.3	5408213.3
L5220.0	505219.3	5408215.6	10567.50000	316.08	108.71	48.826898	-86.928889	56121.18	56250.6	-0.57	56120.61	56118.83594	56109.93768	56104.93359	505219.3	5408215.6
L5220.0	505219.3	5408215.6	10567.59961	316.46	108.6	48.826898	-86.928889	56121.22	56250.6	-0.57	56120.65	56118.87891	56111.20498	56106.21875	505219.3	5408215.6

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5220.0	505219.3	5408217.1	10567.70020	316.55	108.6	48.826912	-86.928889	56121.11	56250.6	-0.57	56120.53	56118.75781	56109.64450	56104.67578	505219.3	5408217.1
L5220.0	505219.3	5408217.8	10567.79981	316.88	108.89	48.826918	-86.928889	56121.11	56250.6	-0.57	56120.53	56118.76172	56110.28330	56105.33203	505219.3	5408217.8
L5220.0	505219.2	5408219.2	10567.90039	317.03	108.9	48.826930	-86.928889	56121.04	56250.6	-0.57	56120.47	56118.70703	56109.88809	56104.96094	505219.2	5408219.2
L5220.0	505219.2	5408220.5	10568.00000	318.55	109.19	48.826942	-86.928889	56121.03	56250.6	-0.57	56120.46	56118.69922	56110.44840	56105.54297	505219.2	5408220.5
L5220.0	505219.3	5408221.8	10568.00000	318.55	109.19	48.826954	-86.928889	56120.88	56250.6	-0.57	56120.31	56118.55469	56108.50983	56103.62891	505219.3	5408221.8
L5220.0	505219.3	5408223.2	10568.20020	316.45	109.4	48.826967	-86.928889	56120.92	56250.6	-0.57	56120.35	56118.60156	56110.09468	56105.23828	505219.3	5408223.2
L5220.0	505219.3	5408223.2	10568.29981	317.99	109.16	48.826967	-86.928889	56120.77	56250.6	-0.57	56120.20	56118.45703	56108.25167	56103.42188	505219.3	5408223.2
L5220.0	505219.3	5408224.5	10568.40039	317.29	109.16	48.826979	-86.928889	56120.77	56250.6	-0.57	56120.20	56118.46094	56109.22984	56104.42969	505219.3	5408224.5
L5220.0	505219.3	5408225.7	10568.50000	317.39	109.16	48.826989	-86.928889	56120.72	56250.6	-0.57	56120.15	56118.41797	56109.35191	56104.58203	505219.3	5408225.7
L5220.0	505219.3	5408227.1	10568.59961	318.83	109.58	48.827001	-86.928888	56120.80	56250.6	-0.57	56120.23	56118.50781	56111.95575	56107.21484	505219.3	5408227.1
L5220.0	505219.3	5408228.4	10568.70020	319.63	109.66	48.827014	-86.928888	56120.63	56250.6	-0.57	56120.06	56118.34375	56109.98668	56105.28125	505219.3	5408228.4
L5220.0	505219.3	5408228.4	10568.79981	320.63	95.52	48.827014	-86.928888	56120.60	56250.6	-0.57	56120.03	56118.32422	56110.68537	56106.01563	505219.3	5408228.4
L5220.0	505219.3	5408230.4	10568.90039	322.74	95.52	48.827032	-86.928888	56120.42	56250.6	-0.57	56119.85	56118.15234	56108.67421	56104.03906	505219.3	5408230.4
L5220.0	505219.3	5408231.8	10569.00000	322.02	98.5	48.827044	-86.928888	56120.39	56250.6	-0.57	56119.82	56118.13281	56109.50422	56104.90625	505219.3	5408231.8
L5220.0	505219.3	5408232.9	10569.09961	321.95	99.99	48.827054	-86.928888	56120.26	56250.6	-0.57	56119.69	56118.01172	56108.55836	56104.00000	505219.3	5408232.9
L5220.0	505219.3	5408232.9	10569.20020	321.65	105.37	48.827054	-86.928888	56120.24	56250.6	-0.57	56119.67	56118.00391	56109.68299	56105.16797	505219.3	5408232.9
L5220.0	505219.3	5408234.3	10569.29981	320.76	105.37	48.827066	-86.928888	56120.14	56250.6	-0.57	56119.57	56117.91406	56109.40584	56104.93359	505219.3	5408234.3
L5220.0	505219.3	5408235.6	10569.40039	322.08	100.42	48.827078	-86.928888	56120.04	56250.6	-0.57	56119.47	56117.82813	56109.18687	56104.75781	505219.3	5408235.6
L5220.0	505219.3	5408236.7	10569.50000	319.43	96.36	48.827088	-86.928888	56120.04	56250.6	-0.56	56119.47	56117.83984	56110.79298	56106.40625	505219.3	5408236.7
L5220.0	505219.3	5408237.8	10569.59961	318.19	96.82	48.827098	-86.928888	56119.84	56250.6	-0.56	56119.28	56117.66016	56109.08551	56104.74609	505219.3	5408237.8
L5220.0	505219.3	5408239.2	10569.70020	316.60	98.48	48.827110	-86.928888	56119.74	56250.6	-0.56	56119.18	56117.57422	56109.01878	56104.72656	505219.3	5408239.2
L5220.0	505219.3	5408240.3	10569.79981	314.42	98.48	48.827120	-86.928888	56119.68	56250.6	-0.56	56119.12	56117.52734	56109.85072	56105.60938	505219.3	5408240.3
L5220.0	505219.3	5408241.4	10569.90039	313.90	102.82	48.827130	-86.928888	56119.54	56250.6	-0.56	56118.97	56117.39063	56108.68785	56104.49609	505219.3	5408241.4
L5220.0	505219.3	5408242.7	10570.00000	314.88	102.17	48.827142	-86.928888	56119.40	56250.6	-0.56	56118.84	56117.27344	56108.11488	56103.97266	505219.3	5408242.7
L5220.0	505219.3	5408244.0	10570.00000	314.88	105.92	48.827154	-86.928888	56119.31	56250.6	-0.56	56118.75	56117.19922	56108.61510	56104.52734	505219.3	5408244.0
L5220.0	505219.3	5408245.2	10570.20020	312.86	109.21	48.827164	-86.928888	56119.25	56250.5	-0.55	56118.71	56117.17578	56110.40908	56106.37500	505219.3	5408245.2
L5220.0	505219.3	5408246.3	10570.29981	311.39	109.21	48.827174	-86.928888	56119.21	56250.5	-0.54	56118.67	56117.14844	56112.22069	56108.24219	505219.3	5408246.3
L5220.0	505219.3	5408246.3	10570.40039	313.01	102.96	48.827174	-86.928888	56119.07	56250.5	-0.54	56118.54	56117.03516	56111.80930	56107.88672	505219.3	5408246.3
L5220.0	505219.3	5408247.8	10570.50000	315.17	104.8	48.827188	-86.928888	56119.04	56250.5	-0.53	56118.51	56117.01953	56113.92750	56110.06250	505219.3	5408247.8
L5220.0	505219.3	5408249.1	10570.59961	315.90	103.68	48.827200	-86.928888	56118.70	56250.5	-0.52	56118.17	56116.69531	56108.33853	56104.53125	505219.3	5408249.1
L5220.0	505219.3	5408249.1	10570.70020	316.12	103.72	48.827200	-86.928888	56118.58	56250.5	-0.52	56118.06	56116.60156	56108.50910	56104.76172	505219.3	5408249.1
L5220.0	505219.3	5408250.9	10570.79981	316.12	101.65	48.827216	-86.928888	56118.24	56250.5	-0.51	56117.73	56116.28906	56103.14149	56099.45313	505219.3	5408250.9
L5220.0	505219.2	5408252.3	10570.90039	317.78	101.65	48.827228	-86.928888	56117.94	56250.5	-0.51	56117.43	56116.00781	56098.46275	56094.83594	505219.2	5408252.3
L5220.0	505219.2	5408253.9	10571.00000	318.42	100.49	48.827242	-86.928889	56117.87	56250.5	-0.50	56117.37	56115.96484	56099.89334	56096.32813	505219.2	5408253.9
L5220.0	505219.2	5408253.9	10571.09961	319.28	99.39	48.827242	-86.928889	56117.88	56250.5	-0.50	56117.38	56115.99219	56104.11689	56100.61719	505219.2	5408253.9
L5220.0	505219.2	5408255.9	10571.20020	320.83	104.84	48.827260	-86.928889	56117.84	56250.5	-0.50	56117.34	56115.96875	56105.41451	56101.98047	505219.2	5408255.9
L5220.0	505219.2	5408255.9	10571.29981	319.13	104.84	48.827260	-86.928889	56117.82	56250.5	-0.50	56117.32	56115.96484	56107.14402	56103.77344	505219.2	5408255.9
L5220.0	505219.2	5408258.0	10571.40039	317.55	107.48	48.827280	-86.928888	56117.64	56250.5	-0.50	56117.14	56115.80469	56106.08016	56102.77734	505219.2	5408258.0
L5220.0	505219.2	5408258.0	10571.50000	317.18	107.88	48.827280	-86.928888	56117.56	56250.5	-0.50	56117.06	56115.74219	56106.86940	56103.63281	505219.2	5408258.0
L5220.0	505219.2	5408259.3	10571.59961	317.50	110.16	48.827292	-86.928888	56117.31	56250.5	-0.50	56116.81	56115.51172	56104.57144	56101.40234	505219.2	5408259.3
L5220.0	505219.3	5408260.7	10571.70020	317.80	108.28	48.827304	-86.928888	56117.18	56250.5	-0.50	56116.68	56115.39844	56104.53920	56101.43750	505219.3	5408260.7
L5220.0	505219.3	5408262.0	10571.79981	318.79	108.28	48.827316	-86.928888	56116.93	56250.5	-0.50	56116.43	56115.16797	56102.27922	56099.24609	505219.3	5408262.0
L5220.0	505219.3	5408263.1	10571.90039	319.47	110.25	48.827326	-86.928887	56116.85	56250.5	-0.50	56116.35	56115.10938	56103.32695	56100.36328	505219.3	5408263.1
L5220.0	505219.3	5408263.1	10572.00000	321.49	109.05	48.827326	-86.928887	56116.63	56250.5	-0.50	56116.13	56114.90625	56101.73326	56098.83984	505219.3	5408263.1
L5220.0	505219.4	5408264.4	10572.00000	321.49	108.24	48.827338	-86.928887	56116.63	56250.5	-0.50	56116.13	56114.92578	56104.51175	56101.69141	505219.4	5408264.4
L5220.0	505219.4	5408265.7	10572.20020	322.94	108.24	48.827349	-86.928886	56116.44	56250.5	-0.50	56115.94	56114.75391	56103.63326	56100.88281	505219.4	5408265.7
L5220.0	505219.4	5408267.3	10572.29981	323.34	106.82	48.827363	-86.928886	56116.71	56250.5	-0.50	56116.20	56115.03516	56111.76781	56109.08984	505219.4	5408267.3
L5220.0	505219.5	5408268.4	10572.40039	322.19	107.15	48.827373	-86.928885	56116.39	56250.5	-0.50	56115.89	56114.74609	56108.63698	56106.03125	505219.5	5408268.4
L5220.0	505219.5	5408269.3	10572.50000	321.59	111.48	48.827381	-86.928885	56116.42	56250.5	-0.51	56115.91	56114.78516	56112.15263	56109.62109	505219.5	5408269.3
L5220.0	505219.5	5408270.4	10572.59961	321.78	111.48	48.827391	-86.928885	56115.87	56250.5	-0.51	56115.36	56114.25391	56104.29595	56101.83594	505219.5	5408270.4
L5220.0	505219.5	5408272.0	10572.70020	321.45	111.28	48.827405	-86.928884	56115.46	56250.5	-0.51	56114.95	56113.86328	56099.29143	56096.90625	505219.5	5408272.0
L5220.0	505219.5	5408272.0	10572.79981	322.68	111.66	48.827405	-86.928884	56115.11	56250.5	-0.51	56114.60	56113.53516	56095.54926	56093.23828	505219.5	5408272.0
L5220.0	505219.5	5408273.1	10572.90039	322.90	109.82	48.827415	-86.928884	56115.01	56250.5	-0.51	56114.50	56113.45313	56096.88153	56094.64453	505219.5	5408273.1
L5220.0	505219.5	5408274.2	10573.00000	320.59	104.16	48.827425	-86.928884	56114.96	56250.5	-0.51	56114.45	56113.42188	56099.26428	56097.10156	505219.5	5408274.2
L5220.0	505219.5	5408275.5	10573.09961	321.81	104.16	48.827437	-86.928884	56115.05	56250.5	-0.50	56114.55	56113.54297	56104.68004	56102.59375	505219.5	5408275.5
L5220.0	505219.5	5408276.8	10573.20020	320.88	110.04	48.827449	-86.928884	56114.88	56250.5	-0.50	56114.38	56113.39453	56104.74048	56102.73047	505219.5	5408276.8
L5220.0	505219.5	5408276.8	10573.29981	320.54	108.24	48.827449	-86.928884	56114.66	56250.5	-0.49	56114.16	56113.19531	56103.85151	56101.91406	505219.5	5408276.8
L5220.0	505219.6	5408278.6	10573.40039	318.91	110.97	48.827464	-86.928884	56114.45	56250.5	-0.49	56113.96	56113.01172	56103.40440	56101.54297	505219.6	5408278.6
L5220.0	505219.6	5408280.0	10573.50000	320.63	110.97	48.827477	-86.928884	56114.38	56250.5	-0.48	56113.90	56112.97266	56105.75768	56103.97266	505219.6	5408280.0
L5220.0	505219.6	5408281.2	10573.59961	318.14	110.46	48.827488	-86.928884	56114.04	56250.5	-0.47	56113.57	56112.66406	56102.83002	56101.12109	505219.6	5408281.2
L5220.0	505219.6	5408282.2	10573.70020	319.17	110.63	48.827497	-86.928883	56113.71	56250.5	-0.47	56113.25	56112.36328	56100.15231	56098.51953	505219.6	5408282.2
L5220.0	505219.6	5408283.6	10573.79981	318.20	110.63	48.827510	-86.928883	56113.44	56250.5	-0.46	56112.98	56112.11328	56098.49960	56096.94141	505219.6	5408283.6
L5220.0	505219.6	5408283.6	10573.90039	316.46	112.43	48.827510	-86.928883	56113.46	56250.5	-0.46	56113.00	56112.15234	56102.53085	56101.04688	505219.6	5408283.6
L5220.0	505219.6	5408284.8	10574.00000	316.52	106.59	48.827521	-86.928883	56113.16	56250.4	-0.45	56112.71	56111.88281	56100.55036	56099.14063	505219.6	5408284.8
L5220.0	505219.6	5408286.8	10574.00000	316.52	106.59	48.827538	-86.928883	56112.96	56250.4	-0.45	56112.51	56111.70313	56100.34996	56099.01563	505219.6	5408286.8
L5220.0	505219.6	5408288.0	10574.20020	320.55	105.53	48.827549	-86.928883	56112.77	56250.5	-0.45	56112.32	56111.53125	56100.37003	56099.11328	505219.6	5408288.0
L5220.0	505219.6	5408288.0	10574.29981	320.81	105.53	48.827549	-86.928883	56112.56	56250.5	-0.46	56112.10	56111.33203	56099.83521	56098.65234	505219.6	5408288.0
L5220.0	505219.6	5408289.3	10574.40039	320.47	105.53	48.827561	-86.928883	56112.34	56250.5	-0.46	56111.89	56111.14063	56099.52004	56098.41016	505219.6	5408289.3
L5220.0	505219.6	5408290.7	10574.50000	320.33	106.77	48.827573	-86.928883	56112.10	56250.5	-0.46	56111.64	56110.91016	56098.45688	56097.42188	505219.6	5408290.7
L5220.0	505219.6	5408291.8	10574.59961	321.97	106.86	48.827583	-86.928883	56112.00	56250.5	-0.46	56111.53	56110.82031	56100.12797	56099.16406	505219.6	5408291.8
L5220.0	505219.6	5408293.2	10574.70020	321.72	106.65	48.827597	-86.928884	56111.67	56250.5	-0.46	56111.20	56110.50781	56097.57138	56096.68359	505219.6	5408293.2
L5220.0	505219.5	5408294.5	10574.79981	321.28	106.65	48.827608	-86.928884	56111.52	56250.5	-0.47	56111.05	56110.37500	56098.52509	56097.71094	505219.5	5408294.5
L5220.0	505219.5	5408294.5	10574.90039	321.27	110.9	48.827608	-86.928884	56111.18	56250.5	-0.47	56110.72	56110.06641	56096.02712	56095.28516	505219.5	5408294.5
L5220.0	505219.5	5408296.1	10575.00000	321.13	106.63	48.827622	-86.928884	56111.06	56250.5	-0.47	56110.59	56109.95313	56097.42677	56096.75391	505219.5	5408296.1
L5220.0	505219.5	5408297.5	10575.09961	319.32	106.63	48.827635	-86.928884	56110.76	56250.5	-0.47	56110.29	56109.67188	56095.57255	56094.97266	505219.5	5408297.5
L5220.0	505219.5	5408298.7	10575.20020	317.29	105.76	48.827646	-86.928884	56110.63	56250.5	-0.46	56110.17	56109.57031	56097.22268	56096.69141	505219.5	5408298.7
L5220.0	505219.5	5408300.2	10575.29981	316.80	107.37	48.827659	-86.928885	56110.27	56250.5	-0.46	56109.81	56109.22656	56094.28057	56093.82031	505219.5	5408300.2
L5220.0	505219.5	5408301.4	10575.40039	318.08	107.37	48.827670	-86.928885	56110.16	56250.5	-0.46	56109.70	56109.13672	56096.17196	56095.78125	505219.5	5408301.4
L5220.0	505219.5	5408302.8	10575.50000	318.97	107.29	48.827682	-86.928885	56109.89	56250.5	-0.46	56109.44	56108.89453	56095.21055	56094.88672	505219.5	5408302.8
L5220.0	505219.5	5408302.8	10575.59961	320.39	107.29	48.827682	-86.928885	56109.77	56250.5	-0.45	56109.32	56108.79297	56096.94356	56096.68750	505219.5	5408302.8
L5220.0	505219.4	5408304.4	10575.70020	319.59	109.19	48.827697	-86.928885	56109.42	56250.4	-0.45	56108.97	56108.45703	56094.32148	56094.13281	505219.4	5408304.4
L5220.0	505219.4	5408305.9	10575.79981	320.72	109.19	48.827710	-86.928885	56109.31	56250.4	-0.45	56108.86	56108.36719	56096.26993	56096.14844	505219.4	5408305.9
L5220.0	505219.4	5408305.9	10575.90039	320.36	110.72	48.827710	-86.928885	56109.02	56250.4	-0.44	56108.57	56108.09375	56094.83107	56094.77344	505219.4	5408305.9
L5220.0	505219.4	5408307.1	10576.00000	319.02	110.72	48.827721	-86.928885	56108.84	56250.4	-0.44	56108.40	56107.93750	56095.66494	56095.67188	505219.4	5408307.1
L5220.0	505219.4	5408308.4	10576.00000	319.02	109.45	48.827733	-86.928886	56108.43	56250.4	-0.44	56107.99	56107.54688	56092.02462	56092.09375	505219.4	5408308.4
L5220.0	505219.4	5408309.8	10576.20020	318.55	109.45	48.827746	-86.928886	56108.40	56250.4	-0.43	56107.97	56107.54297	56095.67241	56095.80469	505219.4	5408309.8
L5220.0	505219.4	5408310.9	10576.29981	319.46	107.2	48.827756	-86.928886	56108.07	56250.4	-0.43	56107.64	56107.22656	56093.55947	56093.75391	505219.4	5408310.9
L5220.0	505219.4	5408310.9	10576.40039	316.70	108.06	48.827756	-86.928886	56107.78	56250.4	-0.43	56107.35	56106.95313	56092.20635	56092.46094	505219.4	5408310.9
L5220.0	505219.4	5408312.2	10576.50000	317.26	108.06	48.827768	-86.928886	56107.52	56250.4	-0.43	56107.09	56106.70703	56091.41900	56091.73438	505219.4	5408312.2
L5220.0	505219.4	5408313.2	10576.59961	318.41	107.79	48.827776	-86.928886	56107.36	56250.4	-0.42	56106.94	56106.57422	56092.65803	56093.03125	505219.4	5408313.2
L5220.0	505219.4	5408314.5	10576.70020	316.80	107.79	48.827788	-86.928886	56107.04	56250.4	-0.42	56106.62	56106.26953	56090.78188	56091.21094	505219.4	5408314.5
L5220.0	505219.4	5408316.2	10576.79981	317.29	109.05	48.827803	-86.928886	56106.89	56250.4	-0.42	56106.47	56106.13281	56092.02109	56092.50781	505219.4	5408316.2
L5220.0	505219.4	5408316.2	10576.90039	318.15	108.14	48.827803	-86.928886	56106.66	56250.4	-0.41	56106.24	56105.91797	56091.79818	56092.33984	505219.4	5408316.2

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5220.0	505219.3	5408317.6	10577.00000	320.05	108.14	48.827816	-86.928886	56106.51	56250.4	-0.41	56106.10	56105.79297	56093.21689	56093.80859	505219.3	5408317.6
L5220.0	505219.4	5408319.1	10577.09961	322.42	107.71	48.827829	-86.928886	56106.18	56250.4	-0.41	56105.77	56105.47656	56091.17615	56091.82031	505219.4	5408319.1
L5220.0	505219.4	5408320.3	10577.20020	320.82	108.59	48.827840	-86.928886	56105.95	56250.4	-0.41	56105.54	56105.25781	56090.95998	56091.65625	505219.4	5408320.3
L5220.0	505219.4	5408322.1	10577.29981	320.49	109.42	48.827856	-86.928885	56105.68	56250.4	-0.40	56105.27	56105.00391	56090.01928	56090.76563	505219.4	5408322.1
L5220.0	505219.4	5408322.1	10577.40039	319.27	109.42	48.827856	-86.928885	56105.42	56250.4	-0.40	56105.02	56104.76563	56089.44673	56090.24219	505219.4	5408322.1
L5220.0	505219.4	5408323.4	10577.50000	321.01	109.42	48.827868	-86.928885	56105.29	56250.4	-0.40	56104.89	56104.64844	56091.06396	56091.90234	505219.4	5408323.4
L5220.0	505219.5	5408324.8	10577.59961	319.75	112.43	48.827880	-86.928885	56105.02	56250.4	-0.40	56104.62	56104.39063	56090.13928	56091.02344	505219.5	5408324.8
L5220.0	505219.5	5408326.1	10577.70020	318.54	112.43	48.827892	-86.928884	56104.87	56250.4	-0.40	56104.47	56104.25391	56091.40792	56092.33594	505219.5	5408326.1
L5220.0	505219.5	5408326.1	10577.79981	317.89	106.72	48.827892	-86.928884	56104.58	56250.4	-0.39	56104.18	56103.97266	56090.13541	56091.10547	505219.5	5408326.1
L5220.0	505219.5	5408327.8	10577.90039	317.03	107.87	48.827907	-86.928884	56104.34	56250.4	-0.39	56103.94	56103.74609	56089.78348	56090.79688	505219.5	5408327.8
L5220.0	505219.6	5408329.3	10578.00000	316.18	107.87	48.827921	-86.928883	56104.13	56250.4	-0.39	56103.74	56103.55469	56090.17066	56091.22266	505219.6	5408329.3
L5220.0	505219.6	5408330.1	10578.00000	316.18	104.38	48.827929	-86.928883	56103.95	56250.4	-0.39	56103.56	56103.38672	56090.93226	56092.01953	505219.6	5408330.1
L5220.0	505219.6	5408330.1	10578.20020	318.66	104.38	48.827929	-86.928883	56103.67	56250.4	-0.39	56103.28	56103.11719	56089.88474	56091.00781	505219.6	5408330.1
L5220.0	505219.6	5408331.4	10578.29981	318.81	100.66	48.827940	-86.928883	56103.52	56250.4	-0.39	56103.13	56102.97656	56091.20978	56092.37109	505219.6	5408331.4
L5220.0	505219.6	5408332.6	10578.40039	318.67	100.57	48.827951	-86.928882	56103.17	56250.4	-0.39	56102.78	56102.63672	56088.91115	56090.10156	505219.6	5408332.6
L5220.0	505219.6	5408334.0	10578.50000	320.06	100.57	48.827963	-86.928882	56103.17	56250.4	-0.39	56102.78	56102.64453	56092.96735	56094.19141	505219.6	5408334.0
L5220.0	505219.7	5408335.7	10578.59961	319.30	102.25	48.827979	-86.928882	56102.76	56250.4	-0.39	56102.37	56102.24609	56089.60100	56090.85156	505219.7	5408335.7
L5220.0	505219.7	5408336.9	10578.70020	319.60	102.25	48.827990	-86.928881	56102.46	56250.4	-0.39	56102.07	56101.95313	56088.23731	56089.51563	505219.7	5408336.9
L5220.0	505219.7	5408336.9	10578.79981	319.19	100.76	48.827990	-86.928881	56102.09	56250.4	-0.39	56101.70	56101.58984	56085.61935	56086.92578	505219.7	5408336.9
L5220.0	505219.7	5408338.5	10578.90039	318.38	102.28	48.828004	-86.928881	56101.95	56250.4	-0.39	56101.56	56101.46094	56087.15643	56088.48828	505219.7	5408338.5
L5220.0	505219.7	5408340.0	10579.00000	317.61	102.28	48.828017	-86.928881	56101.57	56250.4	-0.39	56101.18	56101.08594	56084.37288	56085.72656	505219.7	5408340.0
L5220.0	505219.7	5408341.5	10579.09961	315.17	103.16	48.828031	-86.928881	56101.56	56250.4	-0.39	56101.17	56101.08203	56088.25095	56089.62500	505219.7	5408341.5
L5220.0	505219.7	5408341.5	10579.20020	313.62	108.06	48.828031	-86.928881	56101.16	56250.4	-0.38	56100.78	56100.69922	56085.29478	56086.68750	505219.7	5408341.5
L5220.0	505219.7	5408342.8	10579.29981	315.39	108.06	48.828043	-86.928882	56101.02	56250.4	-0.38	56100.64	56100.56641	56086.83359	56088.24219	505219.7	5408342.8
L5220.0	505219.7	5408344.2	10579.40039	316.14	107.35	48.828055	-86.928882	56100.64	56250.4	-0.37	56100.27	56100.20313	56084.23790	56085.66406	505219.7	5408344.2
L5220.0	505219.6	5408345.4	10579.50000	316.50	109.5	48.828066	-86.928882	56100.41	56250.4	-0.37	56100.04	56099.97656	56084.15607	56085.59375	505219.6	5408345.4
L5220.0	505219.6	5408346.9	10579.59961	316.88	105.92	48.828079	-86.928882	56100.23	56250.4	-0.37	56099.87	56099.81250	56085.15244	56086.60156	505219.6	5408346.9
L5220.0	505219.6	5408346.9	10579.70020	318.69	105.92	48.828079	-86.928882	56100.03	56250.4	-0.36	56099.67	56099.61719	56085.60910	56087.07031	505219.6	5408346.9
L5220.0	505219.6	5408348.4	10579.79981	318.94	110.03	48.828093	-86.928883	56099.78	56250.4	-0.36	56099.42	56099.37109	56085.16301	56086.63281	505219.6	5408348.4
L5220.0	505219.6	5408349.8	10579.90039	322.31	110.03	48.828105	-86.928883	56099.70	56250.4	-0.35	56099.35	56099.30469	56087.97401	56089.44922	505219.6	5408349.8
L5220.0	505219.6	5408351.0	10580.00000	322.23	111.59	48.828116	-86.928883	56099.35	56250.3	-0.35	56099.00	56098.96094	56085.71468	56087.19531	505219.6	5408351.0
L5220.0	505219.6	5408352.2	10580.00000	322.23	111.59	48.828127	-86.928883	56099.02	56250.3	-0.35	56098.67	56098.63281	56083.80641	56085.28906	505219.6	5408352.2
L5220.0	505219.5	5408353.6	10580.09961	319.07	110.83	48.828139	-86.928883	56098.74	56250.4	-0.35	56098.39	56098.35547	56082.80064	56084.28516	505219.5	5408353.6
L5220.0	505219.5	5408354.9	10580.20020	319.13	110.53	48.828151	-86.928883	56098.44	56250.4	-0.36	56098.08	56098.04688	56081.24013	56082.72266	505219.5	5408354.9
L5220.0	505219.5	5408354.9	10580.20020	319.13	110.53	48.828151	-86.928883	56098.28	56250.4	-0.36	56097.92	56097.89063	56082.43534	56083.91406	505219.5	5408354.9
L5220.0	505219.5	5408356.6	10580.50000	316.57	110.53	48.828166	-86.928883	56098.14	56250.4	-0.36	56097.78	56097.75000	56084.01517	56085.49219	505219.5	5408356.6
L5220.0	505219.5	5408357.8	10580.59961	315.95	111.79	48.828177	-86.928883	56097.98	56250.4	-0.37	56097.61	56097.58203	56085.05676	56086.52344	505219.5	5408357.8
L5220.0	505219.5	5408357.8	10580.70020	316.99	110.33	48.828177	-86.928883	56097.70	56250.4	-0.37	56097.33	56097.30078	56084.06658	56085.52734	505219.5	5408357.8
L5220.0	505219.5	5408359.5	10580.79981	319.74	110.33	48.828192	-86.928883	56097.48	56250.4	-0.37	56097.10	56097.07031	56084.01103	56085.46094	505219.5	5408359.5
L5220.0	505219.5	5408360.5	10580.90039	319.66	108.36	48.828202	-86.928883	56097.05	56250.4	-0.38	56096.67	56096.64063	56080.22532	56081.66406	505219.5	5408360.5
L5220.0	505219.5	5408361.8	10581.00000	320.09	108.36	48.828213	-86.928883	56096.77	56250.4	-0.38	56096.39	56096.35938	56079.24026	56080.66406	505219.5	5408361.8
L5220.0	505219.5	5408361.8	10581.09961	320.10	110.31	48.828213	-86.928883	56096.52	56250.4	-0.38	56096.14	56096.10938	56078.82171	56080.23047	505219.5	5408361.8
L5220.0	505219.5	5408363.4	10581.20020	320.54	110.31	48.828227	-86.928883	56096.26	56250.4	-0.37	56095.88	56095.84766	56078.21861	56079.60938	505219.5	5408363.4
L5220.0	505219.5	5408365.1	10581.29981	320.16	110.14	48.828243	-86.928884	56095.98	56250.4	-0.37	56095.61	56095.57422	56077.42727	56078.80078	505219.5	5408365.1
L5220.0	505219.5	5408366.1	10581.40039	320.25	110.14	48.828252	-86.928884	56095.84	56250.4	-0.37	56095.47	56095.43359	56079.08085	56080.43359	505219.5	5408366.1
L5220.0	505219.5	5408367.4	10581.50000	320.72	109.6	48.828264	-86.928884	56095.63	56250.4	-0.36	56095.26	56095.21875	56079.41583	56080.74609	505219.5	5408367.4
L5220.0	505219.5	5408367.4	10581.59961	319.89	109.83	48.828264	-86.928884	56095.48	56250.4	-0.36	56095.11	56095.06641	56080.88047	56082.18359	505219.5	5408367.4
L5220.0	505219.4	5408369.0	10581.70020	323.12	109.83	48.828278	-86.928884	56095.13	56250.4	-0.36	56094.77	56094.72266	56078.74569	56080.02344	505219.4	5408369.0
L5220.0	505219.4	5408370.4	10581.79981	320.94	110.04	48.828291	-86.928885	56094.94	56250.4	-0.36	56094.58	56094.52734	56079.43905	56080.69141	505219.4	5408370.4
L5220.0	505219.4	5408371.7	10581.90039	320.26	109.62	48.828303	-86.928885	56094.57	56250.4	-0.35	56094.21	56094.15234	56076.69450	56077.91406	505219.4	5408371.7
L5220.0	505219.4	5408371.7	10582.00000	318.61	104.57	48.828303	-86.928885	56094.42	56250.3	-0.35	56094.07	56094.00781	56078.32084	56079.51172	505219.4	5408371.7
L5220.0	505219.4	5408373.1	10582.00000	318.61	109.31	48.828315	-86.928885	56094.12	56250.3	-0.35	56093.77	56093.70313	56076.87405	56078.03125	505219.4	5408373.1
L5220.0	505219.4	5408374.4	10582.20020	318.21	109.31	48.828326	-86.928885	56093.92	56250.3	-0.35	56093.57	56093.49609	56077.33815	56078.46094	505219.4	5408374.4
L5220.0	505219.4	5408375.7	10582.29981	317.42	107.17	48.828338	-86.928885	56093.58	56250.3	-0.35	56093.23	56093.15234	56075.07498	56076.16016	505219.4	5408375.7
L5220.0	505219.4	5408376.6	10582.40039	317.99	107.17	48.828347	-86.928885	56093.30	56250.3	-0.35	56092.96	56092.87500	56074.14851	56075.19531	505219.4	5408376.6
L5220.0	505219.4	5408377.9	10582.50000	319.46	108.21	48.828358	-86.928885	56093.00	56250.3	-0.35	56092.66	56092.56641	56072.61327	56073.62109	505219.4	5408377.9
L5220.0	505219.4	5408379.2	10582.59961	319.25	112.25	48.828370	-86.928885	56092.87	56250.3	-0.34	56092.52	56092.41797	56074.23384	56075.20313	505219.4	5408379.2
L5220.0	505219.4	5408379.2	10582.70020	321.03	109.54	48.828370	-86.928885	56092.57	56250.3	-0.34	56092.23	56092.12109	56072.87702	56073.80078	505219.4	5408379.2
L5220.0	505219.3	5408381.0	10582.79981	318.79	109.54	48.828386	-86.928885	56092.31	56250.3	-0.34	56091.97	56091.85156	56072.10955	56072.99219	505219.3	5408381.0
L5220.0	505219.3	5408381.6	10582.90039	321.37	107.73	48.828391	-86.928885	56092.04	56250.3	-0.34	56091.70	56091.57422	56071.13554	56071.97266	505219.3	5408381.6
L5220.0	505219.3	5408383.0	10583.00000	322.66	111.38	48.828404	-86.928885	56091.89	56250.3	-0.34	56091.55	56091.41406	56072.61091	56073.40234	505219.3	5408383.0
L5220.0	505219.3	5408384.3	10583.09961	324.10	112.84	48.828416	-86.928886	56091.56	56250.3	-0.34	56091.22	56091.07422	56070.41632	56071.15625	505219.3	5408384.3
L5220.0	505219.3	5408385.6	10583.20020	323.89	112.84	48.828427	-86.928886	56091.48	56250.3	-0.34	56091.14	56090.98438	56073.38346	56074.07422	505219.3	5408385.6
L5220.0	505219.3	5408386.8	10583.29981	323.43	108.8	48.828438	-86.928886	56091.18	56250.3	-0.34	56090.84	56090.67188	56071.82713	56072.46875	505219.3	5408386.8
L5220.0	505219.3	5408388.1	10583.40039	323.56	103.09	48.828450	-86.928886	56091.02	56250.3	-0.34	56090.69	56090.51172	56073.41041	56074.00000	505219.3	5408388.1
L5220.0	505219.3	5408389.0	10583.50000	323.05	103.09	48.828458	-86.928886	56090.70	56250.3	-0.33	56090.36	56090.16797	56071.25948	56071.79297	505219.3	5408389.0
L5220.0	505219.3	5408389.0	10583.59961	323.94	105.98	48.828458	-86.928886	56090.73	56250.3	-0.33	56090.39	56090.18750	56076.67863	56077.16016	505219.3	5408389.0
L5220.0	505219.3	5408390.6	10583.70020	323.20	105.98	48.828472	-86.928886	56090.32	56250.3	-0.33	56089.98	56089.76172	56072.89784	56073.32031	505219.3	5408390.6
L5220.0	505219.3	5408391.9	10583.79981	323.17	105.39	48.828484	-86.928886	56089.96	56250.3	-0.33	56089.63	56089.40234	56070.40538	56070.77344	505219.3	5408391.9
L5220.0	505219.3	5408393.2	10583.90039	322.61	105.24	48.828496	-86.928886	56089.63	56250.3	-0.33	56089.30	56089.05859	56068.37149	56068.67969	505219.3	5408393.2
L5220.0	505219.3	5408393.2	10584.00000	320.57	105.21	48.828496	-86.928886	56089.48	56250.3	-0.33	56089.15	56088.89453	56070.13486	56070.38281	505219.3	5408393.2
L5220.0	505219.3	5408394.5	10584.00000	320.57	105.21	48.828508	-86.928886	56089.18	56250.3	-0.33	56088.85	56088.57813	56068.80117	56068.98828	505219.3	5408394.5
L5220.0	505219.2	5408395.8	10584.20020	320.30	114.54	48.828520	-86.928887	56089.00	56250.3	-0.33	56088.67	56088.38281	56069.98335	56070.10938	505219.2	5408395.8
L5220.0	505219.2	5408397.0	10584.29981	321.35	113.66	48.828530	-86.928887	56088.68	56250.3	-0.33	56088.35	56088.05078	56068.30721	56068.37109	505219.2	5408397.0
L5220.0	505219.2	5408398.2	10584.40039	321.88	113.66	48.828541	-86.928887	56088.55	56250.3	-0.33	56088.22	56087.90234	56070.53478	56070.53516	505219.2	5408398.2
L5220.0	505219.2	5408399.7	10584.50000	321.18	115.32	48.828555	-86.928887	56088.22	56250.3	-0.33	56087.89	56087.55859	56068.71514	56068.65234	505219.2	5408399.7
L5220.0	505219.2	5408400.7	10584.59961	322.19	114.68	48.828564	-86.928887	56088.09	56250.3	-0.33	56087.76	56087.41016	56070.93014	56070.80078	505219.2	5408400.7
L5220.0	505219.2	5408401.8	10584.70020	321.14	115.51	48.828573	-86.928887	56087.76	56250.3	-0.33	56087.43	56087.06641	56069.16060	56068.96484	505219.2	5408401.8
L5220.0	505219.2	5408401.8	10584.79981	321.01	115.51	48.828573	-86.928887	56087.62	56250.3	-0.33	56087.29	56086.90625	56071.14811	56070.88672	505219.2	5408401.8
L5220.0	505219.2	5408403.3	10584.90039	320.02	117.47	48.828587	-86.928887	56087.33	56250.3	-0.33	56087.00	56086.60156	56070.19011	56069.85938	505219.2	5408403.3
L5220.0	505219.2	5408404.9	10585.00000	319.92	117.47	48.828601	-86.928887	56087.11	56250.3	-0.33	56086.78	56086.36328	56070.59372	56070.19531	505219.2	5408404.9
L5220.0	505219.2	5408406.1	10585.09961	318.58	117.15	48.828612	-86.928886	56086.85	56250.3	-0.33	56086.52	56086.08203	56070.22463	56069.75391	505219.2	5408406.1
L5220.0	505219.2	5408406.1	10585.20020	318.11	114.34	48.828612	-86.928886	56086.63	56250.3	-0.33	56086.30	56085.84375	56070.61371	56070.07422	505219.2	5408406.1
L5220.0	505219.3	5408407.4	10585.29981	317.88	114.34	48.828623	-86.928886	56086.40	56250.3	-0.32	56086.07	56085.59766	56070.80364	56070.19141	505219.3	5408407.4
L5220.0	505219.3	5408408.7	10585.40039	320.08	115.78	48.828635	-86.928886	56086.12	56250.3	-0.32	56085.80	56085.30859	56070.23882	56069.55859	505219.3	5408408.7
L5220.0	505219.3	5408410.1	10585.50000	318.59	115.78	48.828648	-86.928886	56085.89	56250.3	-0.32	56085.57	56085.05859	56070.41533	56069.66016	505219.3	5408410.1
L5220.0	505219.3	5408411.4	10585.59961	317.28	115.77	48.828660	-86.928886	56085.56	56250.3	-0.32	56085.25	56084.71875	56068.92298	56068.09766	505219.3	5408411.4
L5220.0	505219.3	5408412.5	10585.70020	318.23	114.22	48.828669	-86.928886	56085.34	56250.3	-0.32	56085.02	56084.46875	56069.08739	56068.18750	505219.3	5408412.5
L5220.0	505219.3	5408412.5	10585.79981	319.48	114.22	48.828669	-86.928886	56085.03	56250.3	-0.31	56084.72	56084.14844	56067.96151	56066.98828	505219.3	5408412.5
L5220.0	505219.3	5408413.6	10585.90039	318.22	116.24	48.828680	-86.928885	56084.86	56250.3	-0.31	56084.54	56083.94531	56069.01952	56067.97266	505219.3	5408413.6
L5220.0	505219.3	5408415.4	10586.00000	318.11	114.97	48.828696	-86.928885	56084.61	56250.3	-0.31	56084.30	56083.68359	56068.97167	56067.85156	505219.3	5408415.4
L5220.0	505219.3	5408416.7	10586.00000	318.11	114.97	48.828707	-86.928885	56084.40	56250.3	-0.31	56084.09	56083.45313	56069.45874	56068.26563	505219.3	5408416.7
L5220.0	505219.3	5408418.1	10586.20020	321.75	114.97	48.828720	-86.928885	56084.18	56250.3	-0.31	56083.87	56083.21094	56069.75426	56068.48438	505219.3	5408418.1

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5220.0	505219.3	5408418.1	10586.29981	320.03	117.05	48.828720	-86.928885	56083.94	56250.3	-0.31	56083.63	56082.94922	56069.67860	56068.33594	505219.3	5408418.1
L5220.0	505219.3	5408419.2	10586.40039	320.15	116.22	48.828730	-86.928885	56083.54	56250.3	-0.31	56083.23	56082.52734	56066.69531	56065.27734	505219.3	5408419.2
L5220.0	505219.3	5408420.3	10586.50000	317.36	116.22	48.828740	-86.928885	56083.34	56250.3	-0.31	56083.03	56082.30469	56067.32682	56065.83594	505219.3	5408420.3
L5220.0	505219.3	5408421.6	10586.59961	317.81	115.2	48.828752	-86.928885	56082.88	56250.3	-0.30	56082.57	56081.82031	56063.23030	56061.66406	505219.3	5408421.6
L5220.0	505219.3	5408423.1	10586.70020	317.53	116.79	48.828765	-86.928886	56082.61	56250.3	-0.30	56082.30	56081.52734	56062.56781	56060.92578	505219.3	5408423.1
L5220.0	505219.3	5408423.1	10586.79981	319.26	116.98	48.828765	-86.928886	56082.32	56250.3	-0.30	56082.02	56081.22266	56061.71152	56059.99219	505219.3	5408423.1
L5220.0	505219.3	5408425.7	10586.90039	319.11	116.98	48.828788	-86.928886	56082.22	56250.3	-0.30	56081.92	56081.10156	56064.12843	56062.33594	505219.3	5408425.7
L5220.0	505219.3	5408425.7	10587.00000	320.24	116.98	48.828788	-86.928886	56081.88	56250.3	-0.30	56081.57	56080.72656	56061.96942	56060.10156	505219.3	5408425.7
L5220.0	505219.3	5408427.1	10587.09961	318.35	116.98	48.828801	-86.928886	56081.77	56250.3	-0.30	56081.46	56080.59375	56064.19156	56062.25000	505219.3	5408427.1
L5220.0	505219.3	5408428.4	10587.20020	317.60	116.98	48.828812	-86.928886	56081.39	56250.3	-0.31	56081.09	56080.19922	56061.62534	56059.60938	505219.3	5408428.4
L5220.0	505219.3	5408429.8	10587.29981	316.64	116.98	48.828826	-86.928886	56081.31	56250.3	-0.31	56081.00	56080.08594	56064.20107	56062.10938	505219.3	5408429.8
L5220.0	505219.2	5408430.8	10587.40039	317.95	116.98	48.828834	-86.928886	56080.96	56250.3	-0.31	56080.64	56079.69922	56061.77132	56059.60547	505219.2	5408430.8
L5220.0	505219.2	5408431.8	10587.50000	319.15	116.98	48.828843	-86.928886	56080.81	56250.3	-0.32	56080.49	56079.52344	56063.21609	56060.97656	505219.2	5408431.8
L5220.0	505219.2	5408431.8	10587.59961	319.99	116.98	48.828843	-86.928886	56080.37	56250.3	-0.32	56080.05	56079.05859	56059.22960	56056.91797	505219.2	5408431.8
L5220.0	505219.2	5408433.5	10587.70020	320.26	116.98	48.828858	-86.928886	56080.15	56250.3	-0.32	56079.83	56078.81641	56059.32230	56056.93750	505219.2	5408433.5
L5220.0	505219.2	5408434.7	10587.79981	320.08	116.98	48.828870	-86.928886	56079.86	56250.3	-0.32	56079.53	56078.48828	56057.88599	56055.42578	505219.2	5408434.7
L5220.0	505219.2	5408436.1	10587.90039	319.12	116.98	48.828882	-86.928886	56079.82	56250.3	-0.33	56079.49	56078.42578	56061.34907	56058.81641	505219.2	5408436.1
L5220.0	505219.2	5408436.1	10588.00000	319.40	116.98	48.828882	-86.928886	56079.39	56250.3	-0.33	56079.06	56077.96875	56057.38970	56054.78516	505219.2	5408436.1
L5220.0	505219.3	5408437.9	10588.00000	319.40	116.98	48.828898	-86.928886	56079.21	56250.3	-0.33	56078.88	56077.76563	56058.15965	56055.48438	505219.3	5408437.9
L5220.0	505219.3	5408439.1	10588.20020	317.67	116.98	48.828909	-86.928886	56078.91	56250.3	-0.32	56078.59	56077.44922	56056.79841	56054.05469	505219.3	5408439.1
L5220.0	505219.3	5408440.6	10588.29981	318.53	115.82	48.828922	-86.928886	56078.73	56250.3	-0.32	56078.41	56077.24219	56057.52872	56054.71484	505219.3	5408440.6
L5220.0	505219.3	5408441.7	10588.40039	321.86	115.82	48.828932	-86.928886	56078.41	56250.3	-0.32	56078.09	56076.89844	56055.52399	56052.64063	505219.3	5408441.7
L5220.0	505219.3	5408441.7	10588.50000	321.89	115.82	48.828932	-86.928886	56078.27	56250.3	-0.32	56077.96	56076.74219	56057.18047	56054.22656	505219.3	5408441.7
L5220.0	505219.3	5408443.1	10588.59961	323.92	114.13	48.828945	-86.928885	56078.00	56250.3	-0.31	56077.69	56076.44531	56056.08428	56053.06250	505219.3	5408443.1
L5220.0	505219.3	5408444.4	10588.70020	324.19	114.13	48.828956	-86.928885	56077.80	56250.3	-0.31	56077.49	56076.21875	56056.32535	56053.23828	505219.3	5408444.4
L5220.0	505219.3	5408445.4	10588.79981	321.90	117.09	48.828965	-86.928885	56077.59	56250.3	-0.31	56077.28	56075.98438	56056.34053	56053.18750	505219.3	5408445.4
L5220.0	505219.3	5408446.7	10588.90039	320.91	113.03	48.828977	-86.928885	56077.42	56250.3	-0.30	56077.11	56075.78906	56057.11252	56053.89063	505219.3	5408446.7
L5220.0	505219.3	5408448.0	10589.00000	320.51	113.03	48.828989	-86.928885	56077.09	56250.3	-0.30	56076.79	56075.44531	56054.88725	56051.60156	505219.3	5408448.0
L5220.0	505219.4	5408449.3	10589.09961	321.40	113.84	48.829000	-86.928884	56076.92	56250.3	-0.30	56076.62	56075.25000	56055.58907	56052.23828	505219.4	5408449.3
L5220.0	505219.4	5408450.6	10589.20020	322.96	113.56	48.829012	-86.928884	56076.53	56250.3	-0.30	56076.23	56074.83203	56051.89164	56048.48047	505219.4	5408450.6
L5220.0	505219.4	5408451.6	10589.29981	321.21	113.56	48.829021	-86.928884	56076.36	56250.3	-0.30	56076.06	56074.63672	56052.51603	56049.03906	505219.4	5408451.6
L5220.0	505219.4	5408452.7	10589.40039	318.53	112.06	48.829031	-86.928884	56076.18	56250.3	-0.30	56075.88	56074.43359	56052.90243	56049.36719	505219.4	5408452.7
L5220.0	505219.4	5408452.7	10589.50000	316.56	112.54	48.829031	-86.928884	56076.00	56250.3	-0.30	56075.70	56074.22656	56053.24682	56049.64844	505219.4	5408452.7
L5220.0	505219.4	5408454.1	10589.59961	317.60	112.54	48.829044	-86.928883	56075.82	56250.3	-0.30	56075.52	56074.02344	56053.54675	56049.89063	505219.4	5408454.1
L5220.0	505219.4	5408454.9	10589.70020	319.74	114.78	48.829051	-86.928883	56075.78	56250.3	-0.30	56075.48	56073.95703	56056.57433	56052.85938	505219.4	5408454.9
L5220.0	505219.4	5408456.3	10589.79981	321.39	114.78	48.829064	-86.928883	56075.54	56250.3	-0.30	56075.24	56073.69141	56055.58416	56051.81250	505219.4	5408456.3
L5220.0	505219.5	5408457.6	10589.90039	320.30	117.91	48.829075	-86.928883	56075.24	56250.3	-0.30	56074.94	56073.36719	56053.35838	56049.52734	505219.5	5408457.6
L5220.0	505219.5	5408459.0	10590.00000	320.14	117.91	48.829088	-86.928883	56074.99	56250.3	-0.30	56074.69	56073.09375	56052.07103	56048.18750	505219.5	5408459.0
L5220.0	505219.5	5408459.0	10590.00000	320.14	117.91	48.829088	-86.928883	56074.84	56250.3	-0.30	56074.54	56072.91797	56052.69711	56048.75781	505219.5	5408459.0
L5220.0	505219.5	5408460.7	10590.20020	320.99	107.26	48.829103	-86.928883	56074.61	56250.3	-0.30	56074.31	56072.66406	56051.69056	56047.69922	505219.5	5408460.7
L5220.0	505219.5	5408462.4	10590.29981	322.84	107.26	48.829119	-86.928883	56074.51	56250.3	-0.30	56074.21	56072.53906	56053.16746	56049.12500	505219.5	5408462.4
L5220.0	505219.5	5408463.8	10590.40039	320.46	110.64	48.829131	-86.928883	56074.28	56250.3	-0.30	56073.98	56072.28516	56052.03744	56047.94141	505219.5	5408463.8
L5220.0	505219.5	5408465.2	10590.50000	319.24	110.64	48.829144	-86.928883	56074.18	56250.3	-0.30	56073.88	56072.16406	56053.37222	56049.22656	505219.5	5408465.2
L5220.0	505219.5	5408465.2	10590.59961	320.98	117.45	48.829144	-86.928883	56074.08	56250.3	-0.30	56073.78	56072.03906	56054.62930	56050.43750	505219.5	5408465.2
L5220.0	505219.5	5408467.0	10590.70020	321.40	117.45	48.829160	-86.928883	56073.78	56250.3	-0.30	56073.48	56071.71875	56051.95014	56047.71094	505219.5	5408467.0
L5220.0	505219.5	5408467.0	10590.79981	321.89	116.89	48.829160	-86.928883	56073.65	56250.3	-0.30	56073.35	56071.56641	56052.48745	56048.20313	505219.5	5408467.0
L5220.0	505219.5	5408468.4	10590.90039	320.45	116.89	48.829172	-86.928883	56073.39	56250.3	-0.30	56073.09	56071.28125	56050.46162	56046.12891	505219.5	5408468.4
L5220.0	505219.5	5408469.5	10591.00000	318.80	114.46	48.829182	-86.928883	56073.22	56250.3	-0.30	56072.92	56071.08984	56050.09854	56045.72266	505219.5	5408469.5
L5220.0	505219.5	5408471.1	10591.09961	316.09	114.46	48.829196	-86.928883	56072.99	56250.3	-0.30	56072.69	56070.83984	56048.52879	56044.10938	505219.5	5408471.1
L5220.0	505219.5	5408472.4	10591.20020	317.06	113.15	48.829209	-86.928883	56072.77	56250.3	-0.30	56072.47	56070.59766	56047.09244	56042.63281	505219.5	5408472.4
L5220.0	505219.5	5408472.4	10591.29981	317.57	109.61	48.829209	-86.928883	56072.76	56250.3	-0.30	56072.46	56070.56641	56049.55715	56045.05859	505219.5	5408472.4
L5220.0	505219.5	5408474.2	10591.40039	319.85	109.61	48.829224	-86.928883	56072.59	56250.3	-0.30	56072.29	56070.37500	56048.92976	56044.39063	505219.5	5408474.2
L5220.0	505219.5	5408475.8	10591.50000	320.48	113.5	48.829239	-86.928883	56072.51	56250.3	-0.30	56072.21	56070.27734	56049.91919	56045.34375	505219.5	5408475.8
L5220.0	505219.4	5408477.3	10591.59961	321.90	113.5	48.829252	-86.928883	56072.41	56250.3	-0.30	56072.11	56070.15625	56050.45773	56045.84766	505219.4	5408477.3
L5220.0	505219.4	5408478.3	10591.70020	319.91	113.78	48.829262	-86.928883	56072.16	56250.3	-0.30	56071.86	56069.88672	56048.14723	56043.50000	505219.4	5408478.3
L5220.0	505219.4	5408478.3	10591.79981	321.15	113.78	48.829262	-86.928883	56072.18	56250.3	-0.30	56071.88	56069.88672	56050.75727	56046.07813	505219.4	5408478.3
L5220.0	505219.4	5408479.5	10591.90039	320.18	113.78	48.829272	-86.928883	56072.06	56250.3	-0.30	56071.76	56069.75000	56050.70791	56045.99609	505219.4	5408479.5
L5220.0	505219.4	5408481.1	10592.00000	319.26	111.06	48.829287	-86.928883	56071.86	56250.3	-0.30	56071.56	56069.53125	56049.13073	56044.38672	505219.4	5408481.1
L5220.0	505219.4	5408481.1	10592.00000	319.26	111.27	48.829287	-86.928883	56071.78	56250.3	-0.30	56071.48	56069.43359	56049.67528	56044.90234	505219.4	5408481.1
L5220.0	505219.4	5408482.7	10592.20020	319.31	111.27	48.829301	-86.928883	56071.65	56250.3	-0.30	56071.35	56069.28906	56049.24285	56044.44141	505219.4	5408482.7
L5220.0	505219.4	5408485.2	10592.29981	317.48	111.55	48.829324	-86.928883	56071.42	56250.3	-0.30	56071.12	56069.03906	56046.94737	56042.11719	505219.4	5408485.2
L5220.0	505219.4	5408485.2	10592.40039	316.70	112.22	48.829324	-86.928883	56071.35	56250.3	-0.30	56071.04	56068.94531	56047.28765	56042.42969	505219.4	5408485.2
L5220.0	505219.4	5408486.8	10592.50000	318.87	112.22	48.829338	-86.928883	56071.38	56250.3	-0.31	56071.07	56068.96094	56049.51851	56044.63672	505219.4	5408486.8
L5220.0	505219.4	5408488.2	10592.59961	318.25	112.22	48.829350	-86.928883	56071.35	56250.3	-0.31	56071.04	56068.91406	56050.60025	56045.69531	505219.4	5408488.2
L5220.0	505219.4	5408488.2	10592.70020	316.98	115.41	48.829350	-86.928883	56071.27	56250.3	-0.31	56070.96	56068.82031	56050.72384	56045.79297	505219.4	5408488.2
L5220.0	505219.4	5408489.8	10592.79981	317.08	115.61	48.829365	-86.928883	56071.24	56250.3	-0.31	56070.93	56068.77734	56051.66480	56046.71484	505219.4	5408489.8
L5220.0	505219.4	5408490.9	10592.90039	318.10	115.36	48.829375	-86.928883	56071.12	56250.3	-0.31	56070.81	56068.64453	56050.95154	56045.98047	505219.4	5408490.9
L5220.0	505219.4	5408492.3	10593.00000	317.29	115.36	48.829387	-86.928883	56071.02	56250.3	-0.31	56070.71	56068.53125	56050.52949	56045.53906	505219.4	5408492.3
L5220.0	505219.4	5408492.3	10593.09961	317.69	115.02	48.829387	-86.928883	56070.92	56250.3	-0.31	56070.61	56068.41797	56050.04678	56045.03906	505219.4	5408492.3
L5220.0	505219.4	5408493.8	10593.20020	318.21	110.72	48.829401	-86.928883	56070.86	56250.3	-0.31	56070.55	56068.34766	56050.20654	56045.17969	505219.4	5408493.8
L5220.0	505219.5	5408495.5	10593.29981	320.57	110.72	48.829416	-86.928883	56070.71	56250.3	-0.32	56070.40	56068.18750	56048.72759	56043.68750	505219.5	5408495.5
L5220.0	505219.5	5408496.7	10593.40039	321.21	112.75	48.829427	-86.928882	56070.76	56250.3	-0.32	56070.44	56068.21484	56050.53134	56045.47656	505219.5	5408496.7
L5220.0	505219.5	5408498.1	10593.50000	320.76	116.84	48.829439	-86.928882	56070.64	56250.3	-0.32	56070.32	56068.08594	56049.47182	56044.40234	505219.5	5408498.1
L5220.0	505219.5	5408499.3	10593.59961	319.35	116.84	48.829451	-86.928882	56070.69	56250.3	-0.32	56070.37	56068.12500	56051.36037	56046.27734	505219.5	5408499.3
L5220.0	505219.5	5408500.5	10593.70020	317.61	111.41	48.829461	-86.928882	56070.66	56250.3	-0.32	56070.34	56068.08984	56051.80080	56046.70703	505219.5	5408500.5
L5220.0	505219.5	5408500.5	10593.79981	317.40	112.06	48.829461	-86.928882	56070.66	56250.3	-0.33	56070.34	56068.08203	56052.73904	56047.63672	505219.5	5408500.5
L5220.0	505219.5	5408501.9	10593.90039	316.26	112.06	48.829474	-86.928882	56070.54	56250.3	-0.33	56070.21	56067.94141	56051.33626	56046.22266	505219.5	5408501.9
L5220.0	505219.5	5408503.3	10594.00000	317.55	111.16	48.829487	-86.928882	56070.59	56250.3	-0.33	56070.26	56067.98828	56053.11415	56047.99219	505219.5	5408503.3
L5220.0	505219.5	5408504.8	10594.00000	317.55	111.17	48.829499	-86.928881	56070.41	56250.3	-0.33	56070.08	56067.80078	56050.75349	56045.62500	505219.5	5408504.8
L5220.0	505219.5	5408504.8	10594.20020	317.71	111.17	48.829499	-86.928881	56070.39	56250.3	-0.32	56070.07	56067.78516	56051.42151	56046.28906	505219.5	5408504.8
L5220.0	505219.5	5408505.9	10594.29981	319.00	115.53	48.829510	-86.928881	56070.41	56250.3	-0.32	56070.08	56067.79297	56052.44656	56047.30859	505219.5	5408505.9
L5220.0	505219.5	5408507.5	10594.40039	319.30	115.53	48.829524	-86.928881	56070.39	56250.3	-0.32	56070.07	56067.77734	56053.11112	56047.96875	505219.5	5408507.5
L5220.0	505219.6	5408509.0	10594.50000	317.67	118.17	48.829537	-86.928881	56070.41	56250.3	-0.32	56070.09	56067.79297	56054.33012	56049.18359	505219.6	5408509.0
L5220.0	505219.6	5408509.0	10594.59961	317.74	113.87	48.829537	-86.928881	56070.34	56250.3	-0.31	56070.02	56067.72266	56053.91119	56048.76172	505219.6	5408509.0
L5220.0	505219.6	5408510.6	10594.70020	317.30	113.87	48.829552	-86.928881	56070.21	56250.3	-0.31	56069.91	56067.60938	56052.76104	56047.60938	505219.6	5408510.6
L5220.0	505219.5	5408511.8	10594.79981	319.10	113.87	48.829562	-86.928881	56070.18	56250.3	-0.31	56069.87	56067.57031	56052.91492	56047.76563	505219.5	5408511.8
L5220.0	505219.5	5408513.6	10594.90039	321.35	118.25	48.829579	-86.928881	56070.06	56250.3	-0.30	56069.76	56067.46094	56051.78965	56046.63672	505219.5	5408513.6
L5220.0	505219.5	5408513.6	10595.00000	321.93	118.25	48.829579	-86.928881	56070.13	56250.3	-0.30	56069.83	56067.53125	56054.04355	56048.89453	505219.5	5408513.6
L5220.0	505219.5	5408515.1	10595.09961	322.20	118.25	48.829592	-86.928881	56070.06	56250.3	-0.30	56069.76	56067.46094	56053.72284	56048.57422	505219.5	5408515.1
L5220.0	505219.5	5408516.3	10595.20020	321.15	118.2	48.829603	-86.928881	56070.03	56250.3	-0.30	56069.73	56067.43359	56054.18798	56049.04297	505219.5	5408516.3
L5220.0	505219.5	5408517.9	10595.29981	320.82	118.2	48.829617	-86.928881	56069.91	56250.3	-0.30	56069.61	56067.31641	56053.00440	56047.86328	505219.5	5408517.9
L5220.0	505219.5	5408519.3	10595.40039	320.87	116.87	48.829630	-86.928882	56069.88	56250.3	-0.30	56069.58	56067.28906	56053.55834	56048.41797	505219.5	5408519.3
L5220.0	505219.5	5408519.3	10595.50000	321.11	116.87	48.829630	-86.928882	56069.96	56250.3	-0.29	56069.66	56067.37500	56056.23785	56051.10547	505219.5	5408519.3

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5220.0	505219.5	5408520.6	10595.59961	323.17	113.82	48.829642	-86.928882	56069.98	56250.3	-0.29	56069.68	56067.39844	56057.84215	56052.71484	505219.5	5408520.6
L5220.0	505219.5	5408522.2	10595.70020	324.70	118.53	48.829656	-86.928882	56069.78	56250.3	-0.29	56069.48	56067.20313	56055.34992	56050.22656	505219.5	5408522.2
L5220.0	505219.5	5408523.6	10595.79981	323.26	118.53	48.829669	-86.928882	56069.72	56250.3	-0.29	56069.43	56067.16016	56055.74635	56050.62891	505219.5	5408523.6
L5220.0	505219.5	5408523.6	10595.90039	321.33	118.65	48.829669	-86.928882	56069.63	56250.3	-0.29	56069.34	56067.07813	56055.44803	56050.33984	505219.5	5408523.6
L5220.0	505219.5	5408524.9	10596.00000	319.48	118.65	48.829681	-86.928882	56069.48	56250.3	-0.29	56069.19	56066.93750	56054.07864	56048.97656	505219.5	5408524.9
L5220.0	505219.4	5408526.3	10596.00000	319.48	118.65	48.829693	-86.928882	56069.42	56250.3	-0.29	56069.13	56066.88281	56054.47350	56049.38281	505219.4	5408526.3
L5220.0	505219.4	5408527.9	10596.20020	318.34	118.65	48.829708	-86.928882	56069.35	56250.3	-0.29	56069.06	56066.82422	56054.74614	56049.66406	505219.4	5408527.9
L5220.0	505219.4	5408527.9	10596.29981	317.07	118.65	48.829708	-86.928882	56069.20	56250.3	-0.30	56068.90	56066.67188	56053.38360	56048.30859	505219.4	5408527.9
L5220.0	505219.4	5408529.3	10596.40039	316.23	118.65	48.829720	-86.928882	56069.13	56250.3	-0.30	56068.83	56066.61328	56053.79605	56048.73438	505219.4	5408529.3
L5220.0	505219.4	5408530.9	10596.50000	317.13	118.65	48.829734	-86.928882	56068.92	56250.3	-0.30	56068.62	56066.41406	56051.62174	56046.57031	505219.4	5408530.9
L5220.0	505219.4	5408531.6	10596.59961	319.52	118.65	48.829741	-86.928882	56068.84	56250.3	-0.30	56068.54	56066.34766	56051.99269	56046.94922	505219.4	5408531.6
L5220.0	505219.4	5408533.2	10596.70020	319.84	118.65	48.829755	-86.928883	56068.82	56250.3	-0.30	56068.52	56066.33984	56053.59824	56048.56641	505219.4	5408533.2
L5220.0	505219.4	5408533.2	10596.79981	320.05	118.65	48.829755	-86.928883	56068.86	56250.3	-0.31	56068.56	56066.39453	56056.45819	56051.44141	505219.4	5408533.2
L5220.0	505219.4	5408535.0	10596.90039	319.93	118.65	48.829771	-86.928883	56068.79	56250.3	-0.31	56068.49	56066.33984	56057.31143	56052.30469	505219.4	5408535.0
L5220.0	505219.4	5408536.1	10597.00000	318.14	118.65	48.829782	-86.928883	56068.69	56250.3	-0.31	56068.38	56066.24219	56057.49538	56052.50000	505219.4	5408536.1
L5220.0	505219.4	5408537.5	10597.09961	317.89	118.65	48.829794	-86.928882	56068.48	56250.3	-0.31	56068.17	56066.04688	56055.83478	56050.85547	505219.4	5408537.5
L5220.0	505219.4	5408538.9	10597.20020	319.41	118.65	48.829806	-86.928882	56068.29	56250.3	-0.31	56067.98	56065.87500	56054.66266	56049.69531	505219.4	5408538.9
L5220.0	505219.4	5408538.9	10597.29981	320.24	118.65	48.829806	-86.928882	56068.14	56250.3	-0.31	56067.83	56065.74219	56054.38760	56049.43359	505219.4	5408538.9
L5220.0	505219.4	5408540.2	10597.40039	319.66	118.65	48.829818	-86.928882	56068.04	56250.3	-0.31	56067.73	56065.66016	56055.22726	56050.28906	505219.4	5408540.2
L5220.0	505219.4	5408541.8	10597.50000	321.17	118.65	48.829833	-86.928882	56067.90	56250.3	-0.31	56067.60	56065.54688	56055.60684	56050.67969	505219.4	5408541.8
L5220.0	505219.4	5408543.3	10597.59961	320.38	118.65	48.829846	-86.928882	56067.78	56250.3	-0.30	56067.47	56065.43750	56056.12308	56051.21094	505219.4	5408543.3
L5220.0	505219.4	5408543.3	10597.70020	321.33	118.65	48.829846	-86.928882	56067.53	56250.3	-0.30	56067.23	56065.21484	56054.57628	56049.67969	505219.4	5408543.3
L5220.0	505219.5	5408545.5	10597.79981	322.50	118.65	48.829866	-86.928882	56067.32	56250.3	-0.30	56067.02	56065.02734	56053.76657	56048.88672	505219.5	5408545.5
L5220.0	505219.5	5408546.9	10597.90039	322.84	118.65	48.829878	-86.928882	56067.15	56250.3	-0.30	56066.85	56064.87500	56053.90398	56049.03906	505219.5	5408546.9
L5220.0	505219.5	5408546.9	10598.00000	322.25	118.65	48.829878	-86.928882	56066.99	56250.3	-0.30	56066.69	56064.73828	56054.38838	56049.53906	505219.5	5408546.9
L5220.0	505219.5	5408548.2	10598.00000	322.25	118.65	48.829890	-86.928882	56066.82	56250.3	-0.30	56066.52	56064.58984	56054.81709	56049.98047	505219.5	5408548.2
L5220.0	505219.5	5408549.9	10598.20020	324.62	114.87	48.829906	-86.928882	56066.62	56250.3	-0.30	56066.32	56064.41406	56054.78859	56049.96875	505219.5	5408549.9
L5220.0	505219.5	5408551.0	10598.29981	322.16	111.38	48.829915	-86.928882	56066.36	56250.3	-0.30	56066.06	56064.17578	56053.70372	56048.90234	505219.5	5408551.0
L5220.0	505219.5	5408551.0	10598.40039	322.63	111.38	48.829915	-86.928882	56066.19	56250.3	-0.30	56065.89	56064.02734	56054.56471	56049.77734	505219.5	5408551.0
L5220.0	505219.5	5408552.6	10598.50000	324.04	110.26	48.829929	-86.928882	56065.96	56250.3	-0.29	56065.66	56063.82422	56054.36870	56049.59766	505219.5	5408552.6
L5220.0	505219.4	5408553.9	10598.59961	322.45	114.06	48.829941	-86.928882	56065.66	56250.3	-0.29	56065.36	56063.54688	56052.92294	56048.16797	505219.4	5408553.9
L5220.0	505219.4	5408555.8	10598.70020	319.75	114.06	48.829958	-86.928882	56065.43	56250.3	-0.29	56065.13	56063.34375	56053.01626	56048.27734	505219.4	5408555.8
L5220.0	505219.4	5408555.8	10598.79981	319.03	106.86	48.829958	-86.928882	56065.10	56250.3	-0.29	56064.81	56063.04688	56051.46611	56046.74219	505219.4	5408555.8
L5220.0	505219.4	5408556.9	10598.90039	317.64	106.86	48.829969	-86.928882	56064.88	56250.3	-0.29	56064.59	56062.85547	56052.04482	56047.33984	505219.4	5408556.9
L5220.0	505219.4	5408558.4	10599.00000	318.66	98.48	48.829982	-86.928883	56064.64	56250.3	-0.29	56064.35	56062.64063	56052.37071	56047.67969	505219.4	5408558.4
L5220.0	505219.4	5408558.4	10599.09961	318.98	98.96	48.829982	-86.928883	56064.42	56250.3	-0.29	56064.13	56062.44922	56053.23834	56048.56250	505219.4	5408558.4
L5220.0	505219.3	5408561.9	10599.20020	319.31	98.96	48.830013	-86.928884	56064.08	56250.3	-0.29	56063.79	56062.13672	56051.87563	56047.21875	505219.3	5408561.9
L5220.0	505219.3	5408561.9	10599.29981	318.30	113.37	48.830013	-86.928884	56063.71	56250.3	-0.29	56063.42	56061.79297	56050.06442	56045.42188	505219.3	5408561.9
L5220.0	505219.3	5408563.2	10599.40039	319.14	113.37	48.830025	-86.928884	56063.40	56250.3	-0.29	56063.11	56061.51172	56049.58985	56044.96484	505219.3	5408563.2
L5220.0	505219.3	5408563.2	10599.50000	316.62	113.04	48.830025	-86.928884	56063.18	56250.3	-0.29	56062.89	56061.32031	56051.05454	56046.44531	505219.3	5408563.2
L5220.0	505219.3	5408564.6	10599.59961	317.24	115.92	48.830038	-86.928884	56062.88	56250.3	-0.30	56062.58	56061.03906	56050.88500	56046.29297	505219.3	5408564.6
L5220.0	505219.2	5408565.9	10599.70020	319.01	115.92	48.830050	-86.928884	56062.59	56250.3	-0.30	56062.30	56060.78906	56051.47118	56046.89453	505219.2	5408565.9
L5220.0	505219.2	5408567.5	10599.79981	320.04	111.52	48.830064	-86.928885	56062.16	56250.3	-0.30	56061.87	56060.38672	56049.21704	56044.65625	505219.2	5408567.5
L5220.0	505219.2	5408567.5	10599.90039	322.63	112.2	48.830064	-86.928885	56061.81	56250.3	-0.30	56061.51	56060.05859	56048.51712	56043.97266	505219.2	5408567.5
L5220.0	505219.2	5408569.2	10600.00000	323.85	112.2	48.830079	-86.928885	56061.46	56250.3	-0.30	56061.16	56059.73828	56048.17750	56043.64844	505219.2	5408569.2
L5220.0	505219.2	5408570.6	10600.00000	323.85	112.94	48.830092	-86.928885	56061.15	56250.3	-0.30	56060.85	56059.45703	56048.81072	56044.29688	505219.2	5408570.6
L5220.0	505219.2	5408571.7	10600.20020	323.47	113.06	48.830102	-86.928885	56060.77	56250.3	-0.30	56060.47	56059.10938	56048.20225	56043.70703	505219.2	5408571.7
L5220.0	505219.2	5408571.7	10600.29981	324.55	113.06	48.830102	-86.928885	56060.34	56250.3	-0.30	56060.04	56058.71094	56046.75173	56042.26953	505219.2	5408571.7
L5220.0	505219.2	5408573.5	10600.40039	323.90	113.85	48.830118	-86.928885	56059.96	56250.3	-0.30	56059.66	56058.36328	56046.48640	56042.01953	505219.2	5408573.5
L5220.0	505219.2	5408574.8	10600.50000	322.01	113.85	48.830130	-86.928885	56059.46	56250.3	-0.31	56059.15	56057.88281	56043.76154	56039.31250	505219.2	5408574.8
L5220.0	505219.2	5408576.2	10600.59961	321.52	113.88	48.830142	-86.928885	56059.23	56250.3	-0.31	56058.92	56057.68359	56046.88950	56042.45313	505219.2	5408576.2
L5220.0	505219.2	5408576.2	10600.70020	321.24	113.19	48.830142	-86.928885	56058.73	56250.3	-0.31	56058.42	56057.21484	56044.72373	56040.30469	505219.2	5408576.2
L5220.0	505219.2	5408577.5	10600.79981	320.68	113.19	48.830154	-86.928885	56058.32	56250.3	-0.31	56058.02	56056.84766	56044.76141	56040.35938	505219.2	5408577.5
L5220.0	505219.2	5408579.3	10600.90039	320.87	114.04	48.830170	-86.928885	56057.91	56250.3	-0.31	56057.60	56056.46094	56044.57236	56040.18359	505219.2	5408579.3
L5220.0	505219.2	5408580.4	10601.00000	320.17	114.04	48.830180	-86.928885	56057.48	56250.3	-0.31	56057.17	56056.06250	56044.35656	56039.98438	505219.2	5408580.4
L5220.0	505219.2	5408582.0	10601.09961	320.54	114.21	48.830194	-86.928885	56056.93	56250.3	-0.31	56056.62	56055.54297	56041.91848	56037.55859	505219.2	5408582.0
L5220.0	505219.2	5408582.0	10601.20020	321.30	112.55	48.830194	-86.928885	56056.50	56250.3	-0.31	56056.19	56055.14453	56042.04941	56037.70703	505219.2	5408582.0
L5220.0	505219.2	5408584.2	10601.29981	324.85	112.55	48.830214	-86.928885	56055.97	56250.3	-0.31	56055.66	56054.64844	56040.36635	56036.03906	505219.2	5408584.2
L5220.0	505219.2	5408584.2	10601.40039	325.10	111.92	48.830214	-86.928885	56055.56	56250.3	-0.31	56055.25	56054.26953	56041.20861	56036.89453	505219.2	5408584.2
L5220.0	505219.2	5408585.3	10601.50000	319.89	109.23	48.830224	-86.928885	56055.14	56250.3	-0.31	56054.83	56053.88281	56041.99493	56037.69531	505219.2	5408585.3
L5220.0	505219.2	5408586.4	10601.59961	320.53	109.23	48.830233	-86.928885	56054.61	56250.3	-0.30	56054.30	56053.38672	56040.78638	56036.50000	505219.2	5408586.4
L5220.0	505219.2	5408588.0	10601.70020	318.79	110.64	48.830248	-86.928885	56054.04	56250.3	-0.30	56053.74	56052.85547	56039.15492	56034.88281	505219.2	5408588.0
L5220.0	505219.2	5408589.0	10601.79981	318.71	114.51	48.830257	-86.928885	56053.48	56250.3	-0.30	56053.18	56052.32813	56037.67805	56033.42188	505219.2	5408589.0
L5220.0	505219.2	5408589.0	10601.90039	317.32	114.51	48.830257	-86.928885	56053.04	56250.3	-0.30	56052.74	56051.92188	56038.64104	56034.39844	505219.2	5408589.0
L5220.0	505219.2	5408590.6	10602.00000	317.75	115.59	48.830271	-86.928885	56052.60	56250.3	-0.30	56052.30	56051.51172	56039.72932	56035.50000	505219.2	5408590.6
L5220.0	505219.1	5408592.2	10602.00000	317.75	115.59	48.830286	-86.928885	56052.05	56250.3	-0.30	56051.75	56050.99219	56038.85494	56034.64063	505219.1	5408592.2
L5220.0	505219.1	5408593.7	10602.20020	318.56	115.99	48.830299	-86.928886	56051.52	56250.3	-0.30	56051.22	56050.49609	56038.49082	56034.28906	505219.1	5408593.7
L5220.0	505219.1	5408595.0	10602.29981	320.17	115.99	48.830311	-86.928886	56050.93	56250.3	-0.30	56050.63	56049.93750	56037.11786	56032.93359	505219.1	5408595.0
L5220.0	505219.1	5408595.0	10602.40039	322.01	116.22	48.830311	-86.928886	56050.41	56250.3	-0.30	56050.10	56049.43750	56036.99946	56032.82813	505219.1	5408595.0
L5220.0	505219.1	5408596.5	10602.50000	320.97	114.79	48.830325	-86.928886	56049.84	56250.3	-0.31	56049.54	56048.90625	56036.43143	56032.27344	505219.1	5408596.5
L5220.0	505219.1	5408597.9	10602.59961	321.98	114.79	48.830337	-86.928886	56049.16	56250.3	-0.31	56048.86	56048.25781	56033.70685	56029.56250	505219.1	5408597.9
L5220.0	505219.1	5408597.9	10602.70020	320.60	114.79	48.830337	-86.928886	56048.51	56250.3	-0.31	56048.20	56047.62891	56031.45886	56027.32813	505219.1	5408597.9
L5220.0	505219.1	5408599.2	10602.79981	320.34	116.4	48.830349	-86.928886	56047.92	56250.3	-0.31	56047.61	56047.06641	56030.63575	56026.51953	505219.1	5408599.2
L5220.0	505219.1	5408600.7	10602.90039	319.03	115.45	48.830363	-86.928886	56047.32	56250.3	-0.31	56047.01	56046.49609	56029.71946	56025.61328	505219.1	5408600.7
L5220.0	505219.0	5408602.3	10603.00000	319.38	115.45	48.830377	-86.928887	56046.81	56250.3	-0.31	56046.50	56046.01563	56030.63325	56026.54297	505219.0	5408602.3
L5220.0	505219.0	5408602.3	10603.09961	319.52	118.2	48.830377	-86.928887	56046.13	56250.3	-0.31	56045.82	56045.36328	56028.36540	56024.28516	505219.0	5408602.3
L5220.0	505219.0	5408603.5	10603.20020	318.25	117.03	48.830387	-86.928887	56045.55	56250.3	-0.31	56045.24	56044.81250	56028.12711	56024.06250	505219.0	5408603.5
L5220.0	505219.0	5408605.0	10603.29981	318.46	117.03	48.830401	-86.928887	56044.89	56250.3	-0.31	56044.58	56044.17969	56026.41082	56022.35938	505219.0	5408605.0
L5220.0	505219.0	5408606.4	10603.40039	318.75	117.23	48.830413	-86.928888	56044.20	56250.3	-0.31	56043.89	56043.51563	56024.17077	56020.13281	505219.0	5408606.4
L5220.0	505219.0	5408607.7	10603.50000	319.18	117.23	48.830425	-86.928888	56043.52	56250.3	-0.31	56043.21	56042.86328	56022.19467	56018.16797	505219.0	5408607.7
L5220.0	505219.0	5408607.7	10603.59961	320.52	118.26	48.830425	-86.928888	56042.89	56250.3	-0.31	56042.58	56042.26172	56021.30273	56017.28906	505219.0	5408607.7
L5220.0	505219.0	5408609.0	10603.70020	322.49	118.47	48.830437	-86.928888	56042.28	56250.3	-0.31	56041.97	56041.67578	56020.90962	56016.91016	505219.0	5408609.0
L5220.0	505219.0	5408610.8	10603.79981	322.50	118.47	48.830453	-86.928888	56041.65	56250.3	-0.31	56041.34	56041.07031	56020.19758	56016.21094	505219.0	5408610.8
L5220.0	505219.0	5408612.4	10603.90039	322.14	118.47	48.830468	-86.928888	56041.02	56250.3	-0.31	56040.71	56040.46484	56019.57716	56015.60547	505219.0	5408612.4
L5220.0	505219.0	5408612.4	10604.00000	324.69	118.47	48.830468	-86.928888	56040.31	56250.3	-0.31	56040.00	56039.78125	56017.35381	56013.39453	505219.0	5408612.4
L5220.0	505219.0	5408614.0	10604.00000	324.69	118.47	48.830482	-86.928888	56039.66	56250.3	-0.31	56039.35	56039.15234	56016.48165	56012.53516	505219.0	5408614.0
L5220.0	505219.0	5408615.4	10604.20020	323.75	118.47	48.830494	-86.928887	56039.04	56250.3	-0.31	56038.74	56038.56641	56016.56229	56012.62891	505219.0	5408615.4
L5220.0	505219.0	5408615.4	10604.29981	322.41	117.78	48.830494	-86.928887	56038.21	56250.3	-0.30	56037.91	56037.75781	56011.97499	56008.05469	505219.0	5408615.4
L5220.0	505219.0	5408617.1	10604.40039	324.77	117.82	48.830510	-86.928887	56037.43	56250.3	-0.30	56037.12	56036.98828	56008.32316	56004.41406	505219.0	5408617.1
L5220.0	505219.0	5408618.8	10604.50000	325.49	117.82	48.830525	-86.928887	56036.87	56250.3	-0.30	56036.57	56036.46094	56010.00135	56006.10547	505219.0	5408618.8
L5220.0	505219.1	5408619.9	10604.59961	328.00	117.82	48.830535	-86.928886	56036.04	56250.3	-0.30	56035.74	56035.65234	56005.68929	56001.80859	505219.1	5408619.9
L5220.0	505219.1	5408619.9	10604.70020	326.84	117.82	48.830535	-86.928886	56035.36	56250.3	-0.30	56035.06	56034.99219	56004.76891	56000.89844	505219.1	5408619.9
L5220.0	505219.1	5408621.3	10604.79981	323.80	117.82	48.830547	-86.928886	56034.72	56250.3	-0.29	56034.42	56034.37109	56004.82094	56000.96484	505219.1	5408621.3

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5220.0	505219.1	5408622.7	10604.90039	323.70	117.82	48.830560	-86.928885	56034.06	56250.3	-0.29	56033.77	56033.73828	56004.74149	56000.89844	505219.1	5408622.7
L5220.0	505219.2	5408624.0	10605.00000	325.32	117.82	48.830572	-86.928885	56033.33	56250.3	-0.29	56033.04	56033.02344	56003.03980	55999.21094	505219.2	5408624.0
L5220.0	505219.2	5408625.4	10605.09961	323.92	117.82	48.830585	-86.928884	56032.68	56250.3	-0.29	56032.39	56032.39063	56003.09333	55999.27734	505219.2	5408625.4
L5220.0	505219.2	5408625.4	10605.20020	324.35	117.82	48.830585	-86.928884	56031.94	56250.3	-0.28	56031.65	56031.66797	56001.32785	55997.52344	505219.2	5408625.4
L5220.0	505219.2	5408626.8	10605.29981	324.06	117.82	48.830597	-86.928884	56031.20	56250.3	-0.28	56030.92	56030.95313	55999.82656	55996.03906	505219.2	5408626.8
L5220.0	505219.2	5408626.8	10605.40039	322.72	117.82	48.830597	-86.928884	56030.46	56250.3	-0.28	56030.19	56030.23438	55998.36175	55994.58594	505219.2	5408626.8
L5220.0	505219.3	5408628.8	10605.50000	323.51	117.82	48.830616	-86.928883	56029.82	56250.3	-0.28	56029.54	56029.59766	55998.46465	55994.70313	505219.3	5408628.8
L5220.0	505219.3	5408631.1	10605.59961	320.91	117.82	48.830636	-86.928882	56029.18	56250.3	-0.27	56028.91	56028.98047	55998.88471	55995.13281	505219.3	5408631.1
L5220.0	505219.3	5408631.1	10605.70020	319.44	117.72	48.830636	-86.928882	56028.55	56250.3	-0.27	56028.28	56028.36328	55999.20429	55995.46875	505219.3	5408631.1
L5220.0	505219.4	5408632.5	10605.79981	317.63	117.78	48.830649	-86.928882	56027.84	56250.3	-0.27	56027.57	56027.66406	55997.93581	55994.21484	505219.4	5408632.5
L5220.0	505219.4	5408633.7	10605.90039	316.94	117.78	48.830659	-86.928882	56027.11	56250.3	-0.26	56026.84	56026.94141	55996.21751	55992.50781	505219.4	5408633.7
L5220.0	505219.4	5408635.3	10606.00000	313.46	117.78	48.830673	-86.928881	56026.47	56250.3	-0.26	56026.21	56026.32031	55996.18321	55992.48828	505219.4	5408635.3
L5220.0	505219.4	5408635.3	10606.00000	313.46	117.8	48.830673	-86.928881	56025.89	56250.3	-0.26	56025.63	56025.75000	55996.86490	55993.17969	505219.4	5408635.3
L5220.0	505219.4	5408636.6	10606.20020	311.83	117.8	48.830686	-86.928881	56025.16	56250.3	-0.27	56024.89	56025.01563	55994.55364	55990.88281	505219.4	5408636.6
L5220.0	505219.4	5408638.2	10606.29981	313.84	117.65	48.830700	-86.928881	56024.48	56250.3	-0.27	56024.20	56024.33203	55992.95013	55989.29297	505219.4	5408638.2
L5220.0	505219.4	5408638.2	10606.40039	315.68	117.55	48.830700	-86.928881	56023.69	56250.3	-0.28	56023.41	56023.54688	55989.41913	55985.77734	505219.4	5408638.2
L5220.0	505219.4	5408640.1	10606.50000	316.94	118.08	48.830717	-86.928881	56023.01	56250.3	-0.28	56022.73	56022.87109	55987.57783	55983.94922	505219.4	5408640.1
L5220.0	505219.4	5408641.5	10606.59961	316.13	118.08	48.830729	-86.928881	56022.40	56250.3	-0.28	56022.11	56022.25391	55986.53940	55982.92188	505219.4	5408641.5
L5220.0	505219.4	5408642.8	10606.70020	318.29	118.08	48.830741	-86.928881	56021.97	56250.3	-0.29	56021.68	56021.82422	55988.58411	55984.98047	505219.4	5408642.8
L5220.0	505219.4	5408644.5	10606.79981	317.57	118.08	48.830756	-86.928881	56021.34	56250.3	-0.29	56021.05	56021.19531	55986.91456	55983.32422	505219.4	5408644.5
L5220.0	505219.4	5408644.5	10606.90039	317.22	118.08	48.830756	-86.928881	56020.91	56250.3	-0.30	56020.61	56020.75781	55988.38763	55984.81250	505219.4	5408644.5
L5220.0	505219.5	5408646.1	10607.00000	318.64	118.08	48.830771	-86.928880	56020.31	56250.3	-0.30	56020.00	56020.14453	55986.63255	55983.07031	505219.5	5408646.1
L5220.0	505219.5	5408647.4	10607.09961	318.50	118.08	48.830783	-86.928880	56019.64	56250.3	-0.30	56019.35	56019.49219	55983.91082	55980.35938	505219.5	5408647.4
L5220.0	505219.5	5408648.8	10607.20020	318.25	118.08	48.830795	-86.928880	56019.01	56250.3	-0.30	56018.71	56018.85156	55981.11427	55977.57813	505219.5	5408648.8
L5220.0	505219.5	5408648.8	10607.29981	319.80	118.26	48.830795	-86.928880	56018.31	56250.3	-0.30	56018.01	56018.14844	55976.94019	55973.41797	505219.5	5408648.8
L5220.0	505219.5	5408650.4	10607.40039	321.95	118.26	48.830810	-86.928880	56017.92	56250.3	-0.30	56017.63	56017.76172	55978.57915	55975.07031	505219.5	5408650.4
L5220.0	505219.5	5408652.0	10607.50000	321.61	118.26	48.830824	-86.928879	56017.39	56250.3	-0.29	56017.10	56017.22656	55977.22447	55973.72656	505219.5	5408652.0
L5220.0	505219.5	5408652.0	10607.59961	321.17	118.34	48.830824	-86.928879	56016.81	56250.3	-0.29	56016.52	56016.63672	55974.73082	55971.24609	505219.5	5408652.0
L5220.0	505219.6	5408653.7	10607.70020	322.75	118.21	48.830839	-86.928879	56016.28	56250.3	-0.29	56015.98	56016.08984	55972.84781	55969.37891	505219.6	5408653.7
L5220.0	505219.6	5408655.0	10607.79981	324.96	118.21	48.830851	-86.928879	56015.75	56250.3	-0.29	56015.46	56015.56250	55971.19269	55967.73438	505219.6	5408655.0
L5220.0	505219.6	5408656.4	10607.90039	322.65	118.28	48.830863	-86.928878	56015.24	56250.3	-0.29	56014.95	56015.04297	55969.56608	55966.12109	505219.6	5408656.4
L5220.0	505219.6	5408656.4	10608.00000	322.95	118.28	48.830863	-86.928878	56014.71	56250.3	-0.29	56014.42	56014.50000	55967.36283	55963.92969	505219.6	5408656.4
L5220.0	505219.6	5408658.0	10608.00000	322.95	118.28	48.830878	-86.928878	56014.36	56250.3	-0.29	56014.07	56014.13672	55968.53944	55965.12109	505219.6	5408658.0
L5220.0	505219.7	5408659.3	10608.20020	319.98	118.35	48.830890	-86.928878	56013.83	56250.3	-0.29	56013.54	56013.59375	55965.94207	55962.53516	505219.7	5408659.3
L5220.0	505219.7	5408660.5	10608.29981	321.17	118.35	48.830900	-86.928877	56013.34	56250.3	-0.29	56013.06	56013.10156	55964.12145	55960.73047	505219.7	5408660.5
L5220.0	505219.7	5408661.9	10608.40039	320.07	118.39	48.830913	-86.928877	56012.96	56250.3	-0.29	56012.68	56012.70703	55964.04321	55960.66406	505219.7	5408661.9
L5220.0	505219.7	5408663.5	10608.50000	319.35	118.33	48.830927	-86.928877	56012.62	56250.3	-0.29	56012.33	56012.33984	55964.29861	55960.92969	505219.7	5408663.5
L5220.0	505219.7	5408663.5	10608.59961	318.72	118.33	48.830927	-86.928877	56012.31	56250.3	-0.28	56012.03	56012.02344	55965.25366	55961.89844	505219.7	5408663.5
L5220.0	505219.7	5408664.8	10608.70020	318.82	118.44	48.830939	-86.928877	56011.88	56250.3	-0.28	56011.60	56011.57422	55963.39365	55960.05078	505219.7	5408664.8
L5220.0	505219.8	5408666.4	10608.79981	320.17	118.44	48.830954	-86.928876	56011.45	56250.3	-0.28	56011.16	56011.11719	55961.05999	55957.73047	505219.8	5408666.4
L5220.0	505219.8	5408667.8	10608.90039	320.21	118.44	48.830966	-86.928876	56011.14	56250.3	-0.28	56010.86	56010.79688	55961.10882	55957.78906	505219.8	5408667.8
L5220.0	505219.8	5408667.8	10609.00000	318.22	118.44	48.830966	-86.928876	56010.82	56250.3	-0.28	56010.54	56010.45703	55960.43807	55957.12891	505219.8	5408667.8
L5220.0	505219.8	5408669.9	10609.09961	318.56	118.44	48.830985	-86.928876	56010.52	56250.3	-0.28	56010.24	56010.13281	55959.79431	55956.50000	505219.8	5408669.9
L5220.0	505219.8	5408671.2	10609.20020	318.05	118.44	48.830997	-86.928876	56010.28	56250.3	-0.28	56010.00	56009.87109	55959.90755	55956.62500	505219.8	5408671.2
L5220.0	505219.8	5408672.4	10609.29981	318.26	118.44	48.831007	-86.928875	56010.14	56250.3	-0.28	56009.86	56009.70703	55961.50745	55958.23438	505219.8	5408672.4
L5220.0	505219.8	5408673.8	10609.40039	315.55	118.44	48.831020	-86.928875	56009.90	56250.3	-0.28	56009.62	56009.44141	55960.83587	55957.57422	505219.8	5408673.8
L5220.0	505219.8	5408673.8	10609.50000	315.23	118.44	48.831020	-86.928875	56009.68	56250.3	-0.28	56009.40	56009.19922	55960.13363	55956.88281	505219.8	5408673.8
L5220.0	505219.8	5408675.4	10609.59961	317.41	118.44	48.831035	-86.928875	56009.45	56250.3	-0.28	56009.17	56008.94141	55958.83426	55955.59375	505219.8	5408675.4
L5220.0	505219.8	5408676.8	10609.70020	319.29	117.89	48.831047	-86.928875	56009.35	56250.3	-0.28	56009.07	56008.81250	55959.54646	55956.31641	505219.8	5408676.8
L5220.0	505219.8	5408678.0	10609.79981	318.88	117.89	48.831058	-86.928875	56009.20	56250.3	-0.28	56008.92	56008.63672	55958.91705	55955.69922	505219.8	5408678.0
L5220.0	505219.8	5408678.0	10609.90039	319.91	117.88	48.831058	-86.928875	56009.07	56250.3	-0.28	56008.79	56008.47656	55958.25097	55955.04297	505219.8	5408678.0
L5220.0	505219.8	5408679.4	10610.00000	320.68	117.88	48.831070	-86.928875	56008.94	56250.3	-0.28	56008.66	56008.31641	55957.17414	55953.97656	505219.8	5408679.4
L5220.0	505219.8	5408680.7	10610.00000	320.68	118.1	48.831083	-86.928875	56008.87	56250.3	-0.28	56008.59	56008.21875	55956.81527	55953.62891	505219.8	5408680.7
L5220.0	505219.8	5408682.4	10610.09961	320.14	118.1	48.831097	-86.928875	56008.79	56250.3	-0.28	56008.52	56008.11719	55956.05026	55952.87500	505219.8	5408682.4
L5220.0	505219.9	5408683.7	10610.20020	319.85	118.1	48.831109	-86.928875	56008.79	56250.3	-0.27	56008.52	56008.08203	55956.21095	55953.04297	505219.9	5408683.7
L5220.0	505219.9	5408683.7	10610.20020	319.85	118.1	48.831109	-86.928875	56008.92	56250.3	-0.27	56008.64	56008.17188	55958.27575	55955.12109	505219.9	5408683.7
L5220.0	505219.9	5408685.1	10610.50000	319.33	118.1	48.831121	-86.928874	56008.84	56250.3	-0.26	56008.58	56008.07813	55956.51202	55953.36328	505219.9	5408685.1
L5220.0	505219.9	5408685.1	10610.59961	320.71	118.1	48.831121	-86.928874	56008.92	56250.3	-0.26	56008.66	56008.12109	55957.05290	55953.91406	505219.9	5408685.1
L5220.0	505219.9	5408687.1	10610.70020	320.46	118.1	48.831140	-86.928874	56008.94	56250.3	-0.26	56008.68	56008.10938	55956.05569	55952.92578	505219.9	5408687.1
L5220.0	505219.9	5408688.5	10610.79981	320.43	118.1	48.831152	-86.928874	56009.10	56250.3	-0.26	56008.84	56008.23047	55957.40268	55954.28125	505219.9	5408688.5
L5220.0	505219.9	5408689.4	10610.90039	320.65	118.1	48.831161	-86.928874	56009.14	56250.3	-0.25	56008.89	56008.24609	55956.22721	55953.11719	505219.9	5408689.4
L5220.0	505219.9	5408690.8	10611.00000	321.14	118.1	48.831173	-86.928874	56009.43	56250.3	-0.25	56009.18	56008.50000	55959.38129	55956.27734	505219.9	5408690.8
L5220.0	505219.9	5408692.2	10611.09961	321.02	118.1	48.831186	-86.928874	56009.53	56250.3	-0.25	56009.27	56008.55078	55958.22956	55955.13672	505219.9	5408692.2
L5220.0	505219.9	5408693.5	10611.20020	322.25	117.88	48.831197	-86.928874	56009.65	56250.3	-0.26	56009.39	56008.63281	55957.28190	55954.19531	505219.9	5408693.5
L5220.0	505219.9	5408694.4	10611.29981	322.66	117.88	48.831206	-86.928874	56009.81	56250.3	-0.26	56009.55	56008.75391	55956.74090	55953.66406	505219.9	5408694.4
L5220.0	505219.9	5408694.4	10611.40039	321.16	117.7	48.831206	-86.928874	56009.98	56250.3	-0.27	56009.71	56008.87500	55955.81654	55952.74609	505219.9	5408694.4
L5220.0	505219.9	5408696.0	10611.50000	321.21	117.62	48.831220	-86.928874	56010.21	56250.3	-0.27	56009.94	56009.06641	55955.90492	55952.84375	505219.9	5408696.0
L5220.0	505219.9	5408697.9	10611.59961	321.76	117.62	48.831237	-86.928874	56010.56	56250.3	-0.27	56010.29	56009.37500	55958.01284	55954.95703	505219.9	5408697.9
L5220.0	505219.9	5408697.9	10611.70020	319.59	117.14	48.831237	-86.928874	56010.62	56250.3	-0.28	56010.34	56009.38281	55953.74767	55950.69922	505219.9	5408697.9
L5220.0	505219.9	5408699.5	10611.79981	319.89	117.14	48.831252	-86.928874	56010.82	56250.3	-0.28	56010.54	56009.54297	55952.10320	55949.06250	505219.9	5408699.5
L5220.0	505219.9	5408701.0	10611.90039	319.28	95.74	48.831265	-86.928874	56011.25	56250.3	-0.29	56010.96	56009.92188	55954.49851	55951.46484	505219.9	5408701.0
L5220.0	505219.9	5408702.3	10612.00000	321.65	94.42	48.831277	-86.928874	56011.73	56250.3	-0.29	56011.44	56010.35938	55957.73577	55954.70703	505219.9	5408702.3
L5220.0	505219.9	5408702.3	10612.00000	321.65	94.42	48.831277	-86.928874	56012.08	56250.3	-0.29	56011.79	56010.66797	55958.00591	55954.98438	505219.9	5408702.3
L5220.0	505219.9	5408704.2	10612.20020	321.97	102.71	48.831293	-86.928874	56012.62	56250.3	-0.28	56012.33	56011.16406	55961.73207	55958.71875	505219.9	5408704.2
L5220.0	505219.9	5408705.3	10612.29981	321.31	114.93	48.831304	-86.928874	56013.02	56250.3	-0.28	56012.74	56011.53125	55962.50048	55959.49219	505219.9	5408705.3
L5220.0	505219.9	5408706.8	10612.40039	321.30	114.93	48.831317	-86.928874	56013.38	56250.3	-0.28	56013.10	56011.84766	55961.92298	55958.92188	505219.9	5408706.8
L5220.0	505219.9	5408708.4	10612.50000	320.94	115.18	48.831331	-86.928874	56013.85	56250.3	-0.28	56013.58	56012.28516	55963.41174	55960.41406	505219.9	5408708.4
L5220.0	505219.9	5408709.5	10612.59961	321.30	115.18	48.831341	-86.928874	56014.31	56250.3	-0.27	56014.04	56012.70313	55964.16730	55961.17578	505219.9	5408709.5
L5220.0	505219.9	5408709.5	10612.70020	323.45	115.15	48.831341	-86.928874	56014.71	56250.3	-0.27	56014.45	56013.06641	55963.59995	55960.61328	505219.9	5408709.5
L5220.0	505219.9	5408711.2	10612.79981	321.11	115.15	48.831356	-86.928873	56015.22	56250.3	-0.27	56014.95	56013.52344	55964.51020	55961.53125	505219.9	5408711.2
L5220.0	505219.9	5408712.5	10612.90039	320.47	113.92	48.831369	-86.928873	56015.68	56250.3	-0.26	56015.41	56013.93750	55964.31413	55961.33984	505219.9	5408712.5
L5220.0	505219.9	5408713.9	10613.00000	320.56	108.2	48.831381	-86.928873	56016.20	56250.3	-0.26	56015.94	56014.42578	55965.20706	55962.23828	505219.9	5408713.9
L5220.0	505219.9	5408713.9	10613.09961	321.86	112.46	48.831381	-86.928873	56016.73	56250.3	-0.26	56016.47	56014.91016	55965.80461	55962.83984	505219.9	5408713.9
L5220.0	505219.9	5408715.8	10613.20020	321.06	112.46	48.831398	-86.928873	56017.39	56250.3	-0.26	56017.13	56015.52734	55968.67782	55965.71875	505219.9	5408715.8
L5220.0	505219.9	5408717.2	10613.29981	321.82	112.46	48.831410	-86.928873	56017.98	56250.3	-0.27	56017.71	56016.06250	55969.68889	55966.73438	505219.9	5408717.2
L5220.0	505219.9	5408718.4	10613.40039	321.60	109.81	48.831421	-86.928873	56018.71	56250.3	-0.27	56018.44	56016.74609	55973.36829	55970.41797	505219.9	5408718.4
L5220.0	505219.9	5408718.4	10613.50000	321.27	109.81	48.831421	-86.928873	56019.32	56250.3	-0.27	56019.05	56017.31250	55974.42846	55971.48047	505219.9	5408718.4
L5220.0	505219.9	5408719.8	10613.59961	321.00	107.7	48.831434	-86.928873	56019.97	56250.3	-0.27	56019.70	56017.91797	55976.01420	55973.07031	505219.9	5408719.8
L5220.0	505219.9	5408721.4	10613.70020	319.24	109.53	48.831449	-86.928873	56020.64	56250.3	-0.27	56020.36	56018.53516	55977.54618	55974.60938	505219.9	5408721.4
L5220.0	505219.9	5408722.9	10613.79981	317.86	109.53	48.831462	-86.928873	56021.24	56250.3	-0.28	56020.96	56019.08984	55977.68223	55974.75000	505219.9	5408722.9
L5220.0	505219.9	5408722.9	10613.90039	319.55	110.27	48.831462	-86.928873	56022.00	56250.3	-0.28	56021.72	56019.80469	55980.66628	55977.73828	505219.9	5408722.9
L5220.0	505219.9	5408724.5	10614.00000	319.25	111.64	48.831476	-86.928873	56022.68	56250.3	-0.28	56022.40	56020.44141	55981.88161	55978.95703	505219.9	5408724.5
L5220.0	505220.0	5408725.9	10614.00000	319.25	111.64	48.831489	-86.928873	56023.39	56250.3	-0.28	56023.11	56021.10547	55983.44967	55980.52734	505220.0	5408725.9

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5220.0	505220.0	5408727.6	10614.20020	319.85	110.16	48.831504	-86.928872	56024.20	56250.3	-0.27	56023.93	56021.88281	55986.89021	55983.97266	505220.0	5408727.6
L5220.0	505220.0	5408729.0	10614.29981	319.81	105.71	48.831516	-86.928872	56024.81	56250.3	-0.27	56024.53	56022.44141	55985.95284	55983.03906	505220.0	5408729.0
L5220.0	505220.0	5408729.0	10614.40039	321.11	105.71	48.831516	-86.928872	56025.71	56250.3	-0.27	56025.45	56023.31641	55990.86584	55987.95703	505220.0	5408729.0
L5220.0	505220.0	5408730.4	10614.50000	321.67	109.65	48.831529	-86.928872	56026.50	56250.3	-0.26	56026.24	56024.06641	55993.12915	55990.22656	505220.0	5408730.4
L5220.0	505220.0	5408730.4	10614.59961	319.30	110.11	48.831529	-86.928872	56027.31	56250.3	-0.26	56027.05	56024.83203	55995.58693	55992.68750	505220.0	5408730.4
L5220.0	505220.0	5408733.7	10614.70020	319.55	110.11	48.831559	-86.928872	56027.94	56250.3	-0.26	56027.68	56025.42188	55994.49853	55991.60156	505220.0	5408733.7
L5220.0	505220.0	5408733.7	10614.79981	319.81	102.93	48.831559	-86.928872	56028.75	56250.3	-0.26	56028.49	56026.18750	55996.62801	55993.73828	505220.0	5408733.7
L5220.0	505220.0	5408735.0	10614.90039	318.61	102.93	48.831571	-86.928872	56029.51	56250.3	-0.25	56029.26	56026.91797	55997.85967	55994.97266	505220.0	5408735.0
L5220.0	505220.0	5408736.4	10615.00000	318.67	104.83	48.831583	-86.928872	56030.32	56250.3	-0.25	56030.07	56027.68750	55999.70212	55996.82031	505220.0	5408736.4
L5220.0	505220.0	5408737.6	10615.09961	319.44	106.78	48.831594	-86.928872	56031.08	56250.3	-0.25	56030.83	56028.40625	56000.47920	55997.60156	505220.0	5408737.6
L5220.0	505220.0	5408739.3	10615.20020	318.87	106.78	48.831610	-86.928872	56032.04	56250.3	-0.25	56031.78	56029.31641	56004.70794	56001.83594	505220.0	5408739.3
L5220.0	505220.0	5408739.3	10615.29981	318.80	108.3	48.831610	-86.928872	56032.82	56250.3	-0.25	56032.57	56030.07031	56005.82880	56002.96094	505220.0	5408739.3
L5220.0	505220.0	5408741.0	10615.40039	318.36	108.3	48.831624	-86.928872	56033.61	56250.3	-0.25	56033.35	56030.80859	56006.66389	56003.80078	505220.0	5408741.0
L5220.0	505220.0	5408742.5	10615.50000	320.18	107.87	48.831638	-86.928872	56034.26	56250.3	-0.26	56034.01	56031.43359	56005.13453	56002.27734	505220.0	5408742.5
L5220.0	505220.0	5408742.5	10615.59961	318.56	107.43	48.831638	-86.928872	56035.15	56250.3	-0.26	56034.90	56032.28516	56007.88226	56005.02734	505220.0	5408742.5
L5220.0	505220.0	5408744.1	10615.70020	320.28	107.43	48.831653	-86.928872	56036.04	56250.3	-0.26	56035.78	56033.12891	56010.38266	56007.53516	505220.0	5408744.1
L5220.0	505220.0	5408744.1	10615.79981	320.15	108.16	48.831653	-86.928872	56036.84	56250.3	-0.26	56036.59	56033.90234	56011.49093	56008.64844	505220.0	5408744.1
L5220.0	505219.9	5408746.0	10615.90039	319.68	108.16	48.831669	-86.928873	56037.45	56250.3	-0.26	56037.19	56034.46484	56008.48766	56005.65234	505219.9	5408746.0
L5220.0	505219.9	5408747.4	10616.00000	320.22	108.96	48.831682	-86.928873	56038.26	56250.3	-0.26	56038.00	56035.24219	56009.47399	56006.64453	505219.9	5408747.4
L5220.0	505219.9	5408748.8	10616.00000	320.22	108.95	48.831695	-86.928873	56039.25	56250.3	-0.26	56038.99	56036.19922	56013.95637	56011.13281	505219.9	5408748.8
L5220.0	505219.9	5408750.4	10616.20020	320.68	108.95	48.831709	-86.928874	56040.06	56250.3	-0.26	56039.79	56036.96484	56014.72390	56011.90625	505219.9	5408750.4
L5220.0	505219.9	5408750.4	10616.29981	321.09	103.19	48.831709	-86.928874	56040.82	56250.3	-0.27	56040.55	56037.69141	56014.69417	56011.88672	505219.9	5408750.4
L5220.0	505219.9	5408752.3	10616.40039	320.20	103.19	48.831726	-86.928874	56041.63	56250.3	-0.27	56041.36	56038.46875	56015.66603	56012.86328	505219.9	5408752.3
L5220.0	505219.9	5408752.3	10616.50000	320.00	105.72	48.831726	-86.928874	56042.51	56250.3	-0.27	56042.24	56039.32031	56018.07413	56015.28125	505219.9	5408752.3
L5220.0	505219.8	5408753.9	10616.59961	318.29	105.72	48.831740	-86.928874	56043.32	56250.3	-0.27	56043.05	56040.09766	56019.12492	56016.33984	505219.8	5408753.9
L5220.0	505219.8	5408755.6	10616.70020	319.76	113.45	48.831756	-86.928874	56043.98	56250.3	-0.27	56043.70	56040.71875	56016.98789	56014.21094	505219.8	5408755.6
L5220.0	505219.8	5408756.9	10616.79981	321.03	113.45	48.831768	-86.928874	56044.73	56250.3	-0.28	56044.46	56041.45313	56017.13847	56014.37109	505219.8	5408756.9
L5220.0	505219.8	5408756.9	10616.90039	321.80	111.89	48.831768	-86.928874	56045.52	56250.3	-0.28	56045.24	56042.20313	56017.77694	56015.01953	505219.8	5408756.9
L5220.0	505219.8	5408759.0	10617.00000	320.76	111.89	48.831787	-86.928874	56046.38	56250.3	-0.28	56046.10	56043.03906	56020.13182	56017.38281	505219.8	5408759.0
L5220.0	505219.9	5408760.3	10617.09961	322.97	110.69	48.831799	-86.928874	56047.19	56250.3	-0.28	56046.91	56043.82031	56021.55674	56018.82031	505219.9	5408760.3
L5220.0	505219.9	5408760.3	10617.20020	323.02	109.26	48.831799	-86.928874	56048.11	56250.3	-0.28	56047.83	56044.71875	56025.28398	56022.55859	505219.9	5408760.3
L5220.0	505219.9	5408761.8	10617.29981	323.07	109.26	48.831811	-86.928873	56048.94	56250.3	-0.28	56048.66	56045.52344	56027.26814	56024.55078	505219.9	5408761.8
L5220.0	505219.9	5408763.3	10617.40039	323.86	109.22	48.831826	-86.928873	56049.74	56250.3	-0.28	56049.47	56046.31250	56028.92952	56026.22656	505219.9	5408763.3
L5220.0	505219.9	5408765.0	10617.50000	322.95	109.22	48.831841	-86.928873	56050.58	56250.3	-0.27	56050.30	56047.11719	56031.06472	56028.37109	505219.9	5408765.0
L5220.0	505219.9	5408765.0	10617.59961	322.32	107.34	48.831841	-86.928873	56051.34	56250.3	-0.27	56051.07	56047.86719	56032.09255	56029.41406	505219.9	5408765.0
L5220.0	505220.0	5408766.8	10617.70020	323.03	107.34	48.831857	-86.928872	56052.05	56250.3	-0.27	56051.77	56048.54688	56031.84537	56029.17969	505220.0	5408766.8
L5220.0	505220.0	5408768.3	10617.79981	320.94	100.12	48.831870	-86.928872	56052.86	56250.3	-0.27	56052.59	56049.34766	56034.02401	56031.37109	505220.0	5408768.3
L5220.0	505220.0	5408769.5	10617.90039	319.82	100.12	48.831881	-86.928872	56053.66	56250.3	-0.27	56053.39	56050.13281	56035.88816	56033.25000	505220.0	5408769.5
L5220.0	505220.0	5408771.1	10618.00000	318.68	101.87	48.831895	-86.928871	56054.56	56250.3	-0.27	56054.29	56051.01563	56039.71930	56037.09766	505220.0	5408771.1
L5220.0	505220.0	5408771.1	10618.00000	318.68	102.05	48.831895	-86.928871	56055.29	56250.3	-0.27	56055.02	56051.73047	56040.39535	56037.78906	505220.0	5408771.1
L5220.0	505220.1	5408772.9	10618.20020	317.31	102.05	48.831912	-86.928871	56056.07	56250.3	-0.27	56055.79	56052.48438	56041.90933	56039.32031	505220.1	5408772.9
L5220.0	505220.1	5408772.9	10618.29981	316.20	102.76	48.831912	-86.928871	56056.90	56250.3	-0.28	56056.63	56053.30859	56044.79470	56042.22266	505220.1	5408772.9
L5220.0	505220.1	5408774.3	10618.40039	315.53	101.51	48.831924	-86.928871	56057.64	56250.3	-0.28	56057.36	56054.02734	56045.72295	56043.16797	505220.1	5408774.3
L5220.0	505220.1	5408775.5	10618.50000	316.74	101.51	48.831935	-86.928871	56058.32	56250.3	-0.28	56058.04	56054.69531	56045.82919	56043.29297	505220.1	5408775.5
L5220.0	505220.1	5408775.5	10618.59961	317.51	102.99	48.831935	-86.928871	56058.93	56250.3	-0.28	56058.65	56055.29688	56044.76334	56042.24219	505220.1	5408775.5
L5220.0	505220.1	5408777.1	10618.70020	318.69	101.14	48.831949	-86.928871	56059.68	56250.3	-0.28	56059.40	56056.03516	56046.32991	56043.83203	505220.1	5408777.1
L5220.0	505220.1	5408778.7	10618.79981	320.12	101.14	48.831964	-86.928870	56060.37	56250.3	-0.29	56060.08	56056.70703	56046.71805	56044.23828	505220.1	5408778.7
L5220.0	505220.1	5408780.0	10618.90039	317.38	100.83	48.831976	-86.928871	56061.07	56250.3	-0.29	56060.79	56057.41016	56047.73661	56045.27734	505220.1	5408780.0
L5220.0	505220.1	5408780.0	10619.00000	317.27	101.37	48.831976	-86.928871	56061.82	56250.3	-0.29	56061.53	56058.14453	56049.38747	56046.94922	505220.1	5408780.0
L5220.0	505220.1	5408781.9	10619.09961	318.49	101.37	48.831992	-86.928871	56062.39	56250.3	-0.29	56062.11	56058.71875	56048.23720	56045.82031	505220.1	5408781.9
L5220.0	505220.1	5408782.8	10619.20020	319.43	102.02	48.832000	-86.928871	56063.20	56250.3	-0.29	56062.92	56059.52734	56051.36800	56048.97656	505220.1	5408782.8
L5220.0	505220.0	5408784.4	10619.29981	320.21	102.02	48.832015	-86.928871	56063.93	56250.3	-0.29	56063.65	56060.25391	56053.16928	56050.80078	505220.0	5408784.4
L5220.0	505220.0	5408785.5	10619.40039	319.28	97.85	48.832025	-86.928871	56064.57	56250.3	-0.29	56064.28	56060.88281	56053.25356	56050.91016	505220.0	5408785.5
L5220.0	505220.0	5408786.9	10619.50000	318.63	91.99	48.832037	-86.928871	56065.15	56250.3	-0.29	56064.86	56061.46094	56052.51862	56050.19922	505220.0	5408786.9
L5220.0	505220.0	5408788.0	10619.59961	319.78	91.99	48.832047	-86.928871	56065.84	56250.3	-0.28	56065.55	56062.15234	56053.96206	56051.66797	505220.0	5408788.0
L5220.0	505220.0	5408788.0	10619.70020	320.39	93.88	48.832047	-86.928871	56066.52	56250.3	-0.28	56066.24	56062.84375	56055.55752	56053.29297	505220.0	5408788.0
L5220.0	505220.0	5408789.9	10619.79981	319.50	93.88	48.832064	-86.928872	56067.17	56250.3	-0.28	56066.89	56063.49609	56056.54696	56054.30859	505220.0	5408789.9
L5220.0	505220.0	5408791.2	10619.90039	318.82	102.92	48.832076	-86.928872	56067.76	56250.3	-0.28	56067.48	56064.08984	56056.53159	56054.32031	505220.0	5408791.2
L5220.0	505220.0	5408791.2	10620.00000	321.78	100.52	48.832076	-86.928872	56068.39	56250.3	-0.28	56068.11	56064.72656	56057.44088	56055.26172	505220.0	5408791.2
L5220.0	505219.9	5408792.9	10620.00000	321.78	100.52	48.832091	-86.928872	56068.99	56250.3	-0.28	56068.71	56065.33203	56057.91973	56055.76953	505219.9	5408792.9
L5220.0	505219.9	5408794.2	10620.20020	321.68	102.75	48.832103	-86.928872	56069.72	56250.3	-0.28	56069.44	56066.07031	56061.12559	56059.00391	505219.9	5408794.2
L5220.0	505219.9	5408795.6	10620.29981	322.75	102.75	48.832116	-86.928873	56070.21	56250.3	-0.29	56069.93	56066.56641	56059.74390	56057.65625	505219.9	5408795.6
L5220.0	505219.9	5408797.2	10620.40039	321.80	97.36	48.832131	-86.928873	56070.86	56250.3	-0.29	56070.57	56067.21484	56061.50443	56059.44922	505219.9	5408797.2
L5220.0	505219.9	5408797.2	10620.50000	323.33	96.81	48.832131	-86.928873	56071.42	56250.3	-0.29	56071.13	56067.78516	56061.82874	56059.80469	505219.9	5408797.2
L5220.0	505219.9	5408798.6	10620.59961	321.35	96.81	48.832142	-86.928873	56071.97	56250.3	-0.29	56071.68	56068.34766	56062.11220	56060.12109	505219.9	5408798.6
L5220.0	505219.9	5408800.4	10620.70020	320.71	98.01	48.832159	-86.928873	56072.39	56250.3	-0.29	56072.09	56068.76953	56059.70953	56057.75391	505219.9	5408800.4
L5220.0	505219.9	5408800.4	10620.79981	320.39	99.87	48.832159	-86.928873	56072.84	56250.3	-0.30	56072.55	56069.24219	56058.47437	56056.55469	505219.9	5408800.4
L5220.0	505219.9	5408801.8	10620.90039	320.17	99.87	48.832172	-86.928873	56073.39	56250.3	-0.30	56073.10	56069.80859	56059.24523	56057.36328	505219.9	5408801.8
L5220.0	505219.8	5408803.1	10621.00000	321.80	97.83	48.832183	-86.928873	56073.88	56250.3	-0.30	56073.57	56070.29297	56058.54844	56056.70313	505219.8	5408803.1
L5220.0	505219.8	5408803.8	10621.09961	320.70	97.33	48.832190	-86.928873	56074.51	56250.3	-0.30	56074.21	56070.94922	56061.52162	56059.71094	505219.8	5408803.8
L5220.0	505219.8	5408805.2	10621.20020	324.13	101.32	48.832202	-86.928874	56075.12	56250.3	-0.30	56074.82	56071.57813	56064.05756	56062.28516	505219.8	5408805.2
L5220.0	505219.8	5408806.5	10621.29981	322.63	101.19	48.832214	-86.928874	56075.74	56250.3	-0.30	56075.44	56072.21484	56066.97338	56065.24219	505219.8	5408806.5
L5220.0	505219.8	5408806.5	10621.40039	322.76	101.19	48.832214	-86.928874	56076.31	56250.3	-0.30	56076.00	56072.79688	56068.82359	56067.13281	505219.8	5408806.5
L5220.0	505219.8	5408808.1	10621.50000	323.70	99.3	48.832228	-86.928874	56076.96	56250.3	-0.31	56076.66	56073.47656	56072.88946	56071.23828	505219.8	5408808.1
L5220.0	505219.8	5408809.4	10621.59961	323.07	99.96	48.832240	-86.928874	56077.37	56250.3	-0.31	56077.06	56073.89844	56071.78633	56070.17578	505219.8	5408809.4
L5220.0	505219.8	5408810.8	10621.70020	321.85	99.96	48.832252	-86.928874	56077.77	56250.3	-0.31	56077.46	56074.32031	56070.85989	56069.29297	505219.8	5408810.8
L5220.0	505219.8	5408812.1	10621.79981	322.53	99.75	48.832265	-86.928874	56078.18	56250.3	-0.31	56077.87	56074.75391	56070.31211	56068.78906	505219.8	5408812.1
L5220.0	505219.8	5408812.1	10621.90039	321.49	99.92	48.832265	-86.928874	56078.58	56250.3	-0.31	56078.27	56075.17578	56069.73416	56068.25391	505219.8	5408812.1
L5220.0	505219.7	5408814.4	10622.00000	321.59	102.22	48.832285	-86.928875	56079.01	56250.3	-0.31	56078.70	56075.63281	56069.92764	56068.49219	505219.7	5408814.4
L5220.0	505219.7	5408814.4	10622.00000	321.59	99.05	48.832285	-86.928875	56079.46	56250.3	-0.31	56079.15	56076.10938	56070.67913	56069.28906	505219.7	5408814.4
L5220.0	505219.7	5408815.7	10622.20020	324.61	99.05	48.832297	-86.928875	56080.00	56250.3	-0.31	56079.68	56076.66406	56073.16669	56071.82031	505219.7	5408815.7
L5220.0	505219.7	5408816.8	10622.29981	321.95	100.62	48.832307	-86.928875	56080.36	56250.3	-0.31	56080.04	56077.05078	56072.43034	56071.13281	505219.7	5408816.8
L5220.0	505219.6	5408818.0	10622.40039	318.77	100.62	48.832318	-86.928876	56080.78	56250.3	-0.31	56080.47	56077.51172	56073.22669	56071.97656	505219.6	5408818.0
L5220.0	505219.6	5408819.6	10622.50000	319.42	87.3	48.832332	-86.928876	56081.08	56250.3	-0.31	56080.76	56077.82813	56071.43272	56070.23047	505219.6	5408819.6
L5220.0	505219.6	5408819.6	10622.59961	321.41	87.47	48.832332	-86.928876	56081.42	56250.3	-0.32	56081.10	56078.19922	56070.77299	56069.61719	505219.6	5408819.6
L5220.0	505219.6	5408821.1	10622.70020	319.72	98.63	48.832345	-86.928877	56081.71	56250.3	-0.32	56081.40	56078.53125	56069.48913	56068.38281	505219.6	5408821.1
L5220.0	505219.5	5408822.6	10622.79981	318.81	98.63	48.832358	-86.928877	56082.20	56250.3	-0.32	56081.89	56079.05078	56072.01568	56070.96094	505219.5	5408822.6
L5220.0	505219.5	5408824.1	10622.90039	316.85	99.28	48.832372	-86.928877	56082.63	56250.3	-0.32	56082.31	56079.50391	56073.31939	56072.31250	505219.5	5408824.1
L5220.0	505219.5	5408825.5	10623.00000	317.74	97.09	48.832385	-86.928878	56083.29	56250.3	-0.32	56082.97	56080.19531	56079.34537	56078.39063	505219.5	5408825.5
L5220.0	505219.5	5408825.5	10623.09961	318.24	97.09	48.832385	-86.928878	56083.58	56250.3	-0.32	56083.26	56080.51953	56078.41242	56077.50781	505219.5	5408825.5
L5220.0	505219.5	5408827.1	10623.20020	319.49	98.16	48.832399	-86.928878	56083.97	56250.3	-0.32	56083.65	56080.94531	56079.52400	56078.67188	505219.5	5408827.1
L5220.0	505219.4	5408828.2	10623.29981	318.88	98.16	48.832409	-86.928878	56084.22	56250.3	-0.32	56083.90	56081.22656	56078.10157	56077.30469	505219.4	5408828.2
L5220.0	505219.4	5408829.8	10623.40039	321.00	99.98	48.832424	-86.928879	56084.56	56250.3	-0.32	56084.23	56081.59375	56078.33399	56077.58984	505219.4	5408829.8

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5220.0	505219.4	5408829.8	10623.50000	323.38	98.76	48.832424	-86.928879	56084.80	56250.3	-0.32	56084.48	56081.87891	56077.17503	56076.48438	505219.4	5408829.8
L5220.0	505219.4	5408831.1	10623.59961	322.24	98.76	48.832435	-86.928879	56085.11	56250.3	-0.33	56084.78	56082.21484	56077.09320	56076.45703	505219.4	5408831.1
L5220.0	505219.4	5408832.3	10623.70020	323.20	97.93	48.832446	-86.928879	56085.32	56250.3	-0.33	56084.99	56082.46484	56075.42500	56074.84375	505219.4	5408832.3
L5220.0	505219.4	5408833.4	10623.79981	320.68	84.61	48.832455	-86.928879	56085.48	56250.3	-0.33	56085.16	56082.67188	56073.11607	56072.58984	505219.4	5408833.4
L5220.0	505219.4	5408834.7	10623.90039	320.89	84.61	48.832468	-86.928879	56085.82	56250.3	-0.33	56085.49	56083.03906	56073.97238	56073.50000	505219.4	5408834.7
L5220.0	505219.4	5408835.8	10624.00000	320.76	87.39	48.832478	-86.928879	56086.16	56250.3	-0.33	56085.83	56083.41797	56075.14255	56074.72656	505219.4	5408835.8
L5220.0	505219.4	5408837.4	10624.00000	320.76	87.39	48.832492	-86.928879	56086.45	56250.3	-0.33	56086.12	56083.74609	56075.47975	56075.12109	505219.4	5408837.4
L5220.0	505219.4	5408837.4	10624.20020	320.52	95.72	48.832492	-86.928879	56086.70	56250.3	-0.33	56086.38	56084.04688	56075.36171	56075.05859	505219.4	5408837.4
L5220.0	505219.4	5408838.8	10624.29981	319.60	96.53	48.832504	-86.928878	56087.18	56250.3	-0.33	56086.85	56084.55469	56079.40463	56079.16016	505219.4	5408838.8
L5220.0	505219.4	5408840.0	10624.40039	321.37	96.53	48.832515	-86.928878	56087.54	56250.3	-0.33	56087.21	56084.95703	56081.46717	56081.27734	505219.4	5408840.0
L5220.0	505219.5	5408841.1	10624.50000	320.16	89.32	48.832525	-86.928878	56087.76	56250.3	-0.32	56087.43	56085.21484	56080.94978	56080.81641	505219.5	5408841.1
L5220.0	505219.5	5408842.6	10624.59961	318.79	90.09	48.832538	-86.928878	56088.06	56250.3	-0.32	56087.74	56085.56641	56082.29818	56082.22266	505219.5	5408842.6
L5220.0	505219.5	5408843.5	10624.70020	317.62	92.62	48.832546	-86.928877	56088.20	56250.3	-0.32	56087.87	56085.73828	56080.26616	56080.25000	505219.5	5408843.5
L5220.0	505219.5	5408845.1	10624.79981	316.12	92.62	48.832561	-86.928877	56088.50	56250.3	-0.32	56088.17	56086.07813	56081.66249	56081.70703	505219.5	5408845.1
L5220.0	505219.5	5408845.1	10624.90039	317.86	95.37	48.832561	-86.928877	56088.68	56250.3	-0.32	56088.35	56086.30078	56080.83246	56080.93359	505219.5	5408845.1
L5220.0	505219.6	5408846.5	10625.00000	318.63	93.67	48.832574	-86.928877	56088.95	56250.3	-0.32	56088.63	56086.62500	56082.07742	56082.23828	505219.6	5408846.5
L5220.0	505219.6	5408847.6	10625.09961	319.44	93.85	48.832584	-86.928876	56089.03	56250.3	-0.32	56088.71	56086.74609	56079.50643	56079.72656	505219.6	5408847.6
L5220.0	505219.6	5408849.2	10625.20020	318.89	93.14	48.832598	-86.928876	56089.34	56250.3	-0.32	56089.01	56087.08984	56081.37716	56081.65625	505219.6	5408849.2
L5220.0	505219.6	5408850.3	10625.29981	321.07	93.14	48.832608	-86.928876	56089.38	56250.3	-0.32	56089.06	56087.17969	56078.42519	56078.76172	505219.6	5408850.3
L5220.0	505219.6	5408851.6	10625.40039	320.90	94.18	48.832620	-86.928876	56089.71	56250.3	-0.32	56089.39	56087.55469	56081.12086	56081.51563	505219.6	5408851.6
L5220.0	505219.6	5408851.6	10625.50000	320.82	94.18	48.832620	-86.928876	56089.87	56250.3	-0.32	56089.54	56087.74609	56080.36336	56080.82031	505219.6	5408851.6
L5220.0	505219.6	5408852.7	10625.59961	321.44	93.82	48.832630	-86.928876	56090.06	56250.3	-0.33	56089.74	56087.98828	56080.70834	56081.22266	505219.6	5408852.7
L5220.0	505219.6	5408854.5	10625.70020	320.35	92.7	48.832645	-86.928875	56090.27	56250.3	-0.33	56089.95	56088.24219	56081.36443	56081.93750	505219.6	5408854.5
L5220.0	505219.6	5408855.7	10625.79981	322.77	93.01	48.832656	-86.928875	56090.54	56250.3	-0.33	56090.21	56088.54688	56083.12991	56083.76172	505219.6	5408855.7
L5220.0	505219.6	5408857.0	10625.90039	325.06	93.01	48.832668	-86.928875	56090.72	56250.3	-0.33	56090.39	56088.76953	56083.40850	56084.10156	505219.6	5408857.0
L5220.0	505219.7	5408858.2	10626.00000	325.25	92.92	48.832679	-86.928875	56090.97	56250.3	-0.33	56090.64	56089.06250	56085.19287	56085.94531	505219.7	5408858.2
L5220.0	505219.7	5408858.2	10626.00000	325.25	92.92	48.832679	-86.928875	56091.08	56250.3	-0.33	56090.75	56089.21484	56084.28367	56085.09375	505219.7	5408858.2
L5220.0	505219.6	5408859.8	10626.20020	323.69	92.12	48.832693	-86.928875	56091.20	56250.3	-0.34	56090.86	56089.37109	56083.47757	56084.34766	505219.6	5408859.8
L5220.0	505219.6	5408861.2	10626.29981	320.98	93.28	48.832706	-86.928875	56091.28	56250.3	-0.34	56090.93	56089.48438	56081.97456	56082.90234	505219.6	5408861.2
L5220.0	505219.6	5408862.3	10626.40039	321.70	92.81	48.832716	-86.928875	56091.48	56250.3	-0.35	56091.13	56089.72656	56083.16694	56084.15234	505219.6	5408862.3
L5220.0	505219.6	5408863.8	10626.50000	320.07	92.81	48.832729	-86.928875	56091.58	56250.4	-0.35	56091.23	56089.86719	56082.46033	56083.50391	505219.6	5408863.8
L5220.0	505219.6	5408865.0	10626.59961	320.04	93.2	48.832740	-86.928875	56091.88	56250.4	-0.35	56091.53	56090.21094	56085.83090	56086.93359	505219.6	5408865.0
L5220.0	505219.6	5408865.0	10626.70020	318.27	96.24	48.832740	-86.928875	56091.91	56250.4	-0.36	56091.56	56090.28516	56083.91637	56085.07813	505219.6	5408865.0
L5220.0	505219.6	5408866.6	10626.79981	318.88	96.24	48.832754	-86.928876	56092.12	56250.4	-0.36	56091.76	56090.52734	56085.47219	56086.69141	505219.6	5408866.6
L5220.0	505219.6	5408868.0	10626.90039	319.94	95.16	48.832767	-86.928876	56092.12	56250.4	-0.37	56091.75	56090.55859	56082.94549	56084.21875	505219.6	5408868.0
L5220.0	505219.6	5408869.2	10627.00000	319.99	95.83	48.832778	-86.928876	56092.20	56250.4	-0.37	56091.82	56090.67188	56082.09304	56083.42578	505219.6	5408869.2
L5220.0	505219.6	5408869.2	10627.09961	316.17	95.25	48.832778	-86.928876	56092.31	56250.4	-0.37	56091.95	56090.84375	56082.51105	56083.89844	505219.6	5408869.2
L5220.0	505219.6	5408870.7	10627.20020	316.29	95.25	48.832791	-86.928876	56092.29	56250.4	-0.37	56091.93	56090.86719	56080.03825	56081.48438	505219.6	5408870.7
L5220.0	505219.5	5408872.4	10627.29981	318.17	94.22	48.832807	-86.928877	56092.29	56250.4	-0.36	56091.93	56090.90625	56078.03977	56079.53906	505219.5	5408872.4
L5220.0	505219.5	5408873.9	10627.40039	319.19	94.45	48.832820	-86.928877	56092.39	56250.4	-0.36	56092.03	56091.04688	56078.09571	56079.65234	505219.5	5408873.9
L5220.0	505219.5	5408875.3	10627.50000	320.75	94.45	48.832833	-86.928877	56092.57	56250.4	-0.36	56092.21	56091.26953	56079.80902	56081.41797	505219.5	5408875.3
L5220.0	505219.5	5408875.3	10627.59961	321.68	94.57	48.832833	-86.928877	56092.70	56250.4	-0.36	56092.34	56091.44141	56080.60466	56082.26953	505219.5	5408875.3
L5220.0	505219.5	5408876.8	10627.70020	324.87	94.14	48.832846	-86.928878	56092.84	56250.4	-0.36	56092.49	56091.62891	56081.86679	56083.58594	505219.5	5408876.8
L5220.0	505219.4	5408878.4	10627.79981	323.67	94.14	48.832861	-86.928878	56093.00	56250.4	-0.35	56092.64	56091.82031	56083.19952	56084.97266	505219.4	5408878.4
L5220.0	505219.4	5408878.4	10627.90039	322.06	95.11	48.832861	-86.928878	56093.06	56250.4	-0.35	56092.70	56091.92188	56082.81829	56084.64453	505219.4	5408878.4
L5220.0	505219.4	5408879.7	10628.00000	321.02	94.62	48.832873	-86.928878	56093.13	56250.3	-0.35	56092.78	56092.03906	56082.90093	56084.77734	505219.4	5408879.7
L5220.0	505219.4	5408881.6	10628.00000	321.02	94.62	48.832889	-86.928879	56093.23	56250.3	-0.35	56092.88	56092.17969	56083.44677	56085.37500	505219.4	5408881.6
L5220.0	505219.3	5408882.9	10628.20020	320.54	94.45	48.832901	-86.928879	56093.33	56250.3	-0.35	56092.98	56092.31641	56084.05828	56086.03906	505219.3	5408882.9
L5220.0	505219.3	5408882.9	10628.29981	321.50	94.45	48.832901	-86.928879	56093.27	56250.3	-0.35	56092.93	56092.30469	56081.76385	56083.79688	505219.3	5408882.9
L5220.0	505219.3	5408884.2	10628.40039	320.77	93.1	48.832913	-86.928879	56093.38	56250.3	-0.35	56093.04	56092.45313	56082.70253	56084.78516	505219.3	5408884.2
L5220.0	505219.3	5408885.3	10628.50000	321.26	92.65	48.832923	-86.928879	56093.45	56250.3	-0.35	56093.11	56092.56250	56082.90983	56085.03906	505219.3	5408885.3
L5220.0	505219.3	5408887.0	10628.59961	322.86	96.5	48.832938	-86.928879	56093.58	56250.3	-0.34	56093.23	56092.71875	56084.16241	56086.33984	505219.3	5408887.0
L5220.0	505219.3	5408887.0	10628.70020	322.96	96.5	48.832938	-86.928879	56093.51	56250.3	-0.34	56093.17	56092.69531	56081.92434	56084.15234	505219.3	5408887.0
L5220.0	505219.3	5408888.5	10628.79981	322.06	90.93	48.832952	-86.928879	56093.56	56250.3	-0.34	56093.21	56092.76953	56081.71508	56083.98828	505219.3	5408888.5
L5220.0	505219.3	5408889.7	10628.90039	321.18	90.93	48.832962	-86.928879	56093.61	56250.3	-0.34	56093.26	56092.85547	56081.75422	56084.07422	505219.3	5408889.7
L5220.0	505219.3	5408891.2	10629.00000	320.62	92.49	48.832976	-86.928879	56093.73	56250.3	-0.34	56093.39	56093.01953	56083.40629	56085.77344	505219.3	5408891.2
L5220.0	505219.3	5408892.5	10629.09961	318.10	92.49	48.832988	-86.928879	56093.76	56250.3	-0.34	56093.42	56093.08594	56083.14370	56085.55469	505219.3	5408892.5
L5220.0	505219.3	5408892.5	10629.20020	317.12	96.19	48.832988	-86.928879	56093.86	56250.3	-0.35	56093.51	56093.20703	56084.09381	56086.55078	505219.3	5408892.5
L5220.0	505219.3	5408894.0	10629.29981	316.85	94.49	48.833001	-86.928879	56093.93	56250.4	-0.35	56093.58	56093.31250	56084.69110	56087.19141	505219.3	5408894.0
L5220.0	505219.3	5408895.3	10629.40039	316.58	94.49	48.833013	-86.928879	56093.93	56250.4	-0.36	56093.58	56093.34375	56083.95762	56086.50000	505219.3	5408895.3
L5220.0	505219.3	5408895.3	10629.50000	317.48	96.7	48.833013	-86.928879	56093.96	56250.4	-0.36	56093.60	56093.39844	56083.64540	56086.23047	505219.3	5408895.3
L5220.0	505219.3	5408898.3	10629.59961	318.93	96.7	48.833039	-86.928879	56093.88	56250.4	-0.36	56093.52	56093.34766	56081.39864	56084.02344	505219.3	5408898.3
L5220.0	505219.3	5408898.3	10629.70020	318.99	93.89	48.833039	-86.928879	56093.84	56250.4	-0.37	56093.47	56093.32813	56079.75498	56082.42188	505219.3	5408898.3
L5220.0	505219.3	5408899.8	10629.79981	320.58	93.89	48.833053	-86.928879	56093.84	56250.4	-0.37	56093.47	56093.35938	56079.11567	56081.82031	505219.3	5408899.8
L5220.0	505219.3	5408901.1	10629.90039	321.57	96.9	48.833065	-86.928879	56094.04	56250.4	-0.38	56093.66	56093.57813	56082.29020	56085.03516	505219.3	5408901.1
L5220.0	505219.3	5408902.5	10630.00000	319.70	96.9	48.833078	-86.928879	56094.14	56250.4	-0.38	56093.76	56093.71094	56083.73294	56086.51172	505219.3	5408902.5
L5220.0	505219.3	5408902.5	10630.00000	319.70	97.98	48.833078	-86.928879	56094.24	56250.4	-0.38	56093.86	56093.83984	56085.23418	56088.05078	505219.3	5408902.5
L5220.0	505219.3	5408904.0	10630.20020	320.08	97.98	48.833091	-86.928879	56094.24	56250.4	-0.37	56093.86	56093.86719	56084.76183	56087.61719	505219.3	5408904.0
L5220.0	505219.3	5408905.6	10630.29981	321.87	98.5	48.833105	-86.928880	56094.16	56250.4	-0.37	56093.79	56093.82422	56082.89363	56085.78125	505219.3	5408905.6
L5220.0	505219.3	5408907.0	10630.40039	321.69	98.5	48.833118	-86.928880	56093.91	56250.4	-0.37	56093.54	56093.60156	56077.34278	56080.26563	505219.3	5408907.0
L5220.0	505219.3	5408907.0	10630.50000	318.75	98.08	48.833118	-86.928880	56093.86	56250.4	-0.36	56093.49	56093.57813	56075.93364	56078.89063	505219.3	5408907.0
L5220.0	505219.3	5408908.4	10630.59961	319.25	98.08	48.833130	-86.928880	56093.96	56250.4	-0.36	56093.60	56093.71094	56077.89770	56080.88672	505219.3	5408908.4
L5220.0	505219.2	5408909.7	10630.70020	322.54	97.87	48.833142	-86.928880	56093.98	56250.4	-0.36	56093.62	56093.75781	56078.05815	56081.07813	505219.2	5408909.7
L5220.0	505219.2	5408911.2	10630.79981	323.89	97.87	48.833156	-86.928880	56094.04	56250.4	-0.36	56093.68	56093.84375	56079.11196	56082.16406	505219.2	5408911.2
L5220.0	505219.2	5408912.5	10630.90039	324.92	97.19	48.833167	-86.928881	56094.22	56250.4	-0.35	56093.87	56094.05469	56082.93364	56086.01563	505219.2	5408912.5
L5220.0	505219.2	5408912.5	10631.00000	324.85	100.31	48.833167	-86.928881	56094.36	56250.3	-0.35	56094.01	56094.21875	56085.76036	56088.87109	505219.2	5408912.5
L5220.0	505219.2	5408913.9	10631.09961	324.50	100.31	48.833180	-86.928881	56094.25	56250.4	-0.35	56093.89	56094.12109	56083.23247	56086.37109	505219.2	5408913.9
L5220.0	505219.1	5408915.2	10631.20020	324.45	101.29	48.833191	-86.928881	56094.32	56250.4	-0.36	56093.96	56094.21484	56084.69376	56087.86328	505219.1	5408915.2
L5220.0	505219.1	5408916.5	10631.29981	322.95	101.29	48.833203	-86.928882	56094.24	56250.4	-0.36	56093.88	56094.15625	56083.10985	56086.30469	505219.1	5408916.5
L5220.0	505219.1	5408916.5	10631.40039	323.47	100.75	48.833203	-86.928882	56094.19	56250.4	-0.36	56093.83	56094.12500	56082.20280	56085.42188	505219.1	5408916.5
L5220.0	505219.1	5408918.0	10631.50000	322.85	100.75	48.833217	-86.928882	56094.09	56250.4	-0.36	56093.72	56094.03516	56080.13543	56083.37891	505219.1	5408918.0
L5220.0	505219.1	5408919.5	10631.59961	320.48	98.92	48.833231	-86.928882	56094.14	56250.4	-0.37	56093.77	56094.10547	56081.35516	56084.62500	505219.1	5408919.5
L5220.0	505219.1	5408919.5	10631.70020	318.13	98.92	48.833231	-86.928882	56093.98	56250.4	-0.37	56093.61	56093.96484	56078.40358	56081.69531	505219.1	5408919.5
L5220.0	505219.1	5408921.1	10631.79981	316.68	97.66	48.833245	-86.928883	56093.98	56250.4	-0.37	56093.61	56093.98047	56078.69710	56082.01172	505219.1	5408921.1
L5220.0	505219.0	5408922.4	10631.90039	315.64	100.1	48.833257	-86.928883	56094.14	56250.4	-0.38	56093.76	56094.14844	56081.96025	56085.29688	505219.0	5408922.4
L5220.0	505219.0	5408923.7	10632.00000	317.50	100.1	48.833268	-86.928883	56094.16	56250.4	-0.38	56093.78	56094.18359	56082.66267	56086.01953	505219.0	5408923.7
L5220.0	505219.0	5408923.7	10632.00000	317.50	103.94	48.833268	-86.928883	56094.32	56250.4	-0.38	56093.94	56094.36328	56086.09267	56089.47266	505219.0	5408923.7
L5220.0	505219.0	5408925.3	10632.20020	317.61	103.94	48.833282	-86.928883	56094.24	56250.4	-0.38	56093.85	56094.28906	56084.68127	56088.07813	505219.0	5408925.3
L5220.0	505219.0	5408926.6	10632.29981	313.95	105.03	48.833295	-86.928883	56094.21	56250.4	-0.39	56093.83	56094.28125	56084.64593	56088.06250	505219.0	5408926.6
L5220.0	505219.0	5408927.9	10632.40039	314.36	105.03	48.833306	-86.928883	56093.98	56250.4	-0.39	56093.59	56094.05859	56080.41212	56083.84766	505219.0	5408927.9
L5220.0	505219.0	5408929.2	10632.50000	316.11	104.48	48.833318	-86.928883	56093.91	56250.4	-0.39	56093.52	56094.00000	56079.45589	56082.90625	505219.0	5408929.2
L5220.0	505219.0	5408929.2	10632.59961	316.04	104.48	48.833318	-86.928883	56093.93	56250.4	-0.39	56093.54	56094.03516	56080.22580	56083.69531	505219.0	5408929.2
L5220.0	505219.0	5408930.8	10632.70020	319.40	105.4	48.833332	-86.928883	56094.02	56250.4	-0.39	56093.63	56094.13672	56082.34024	56085.82422	505219.0	5408930.8

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5220.0	505219.0	5408932.3	10632.79981	320.73	104.53	48.833345	-86.928883	56093.96	56250.4	-0.40	56093.56	56094.07813	56081.40181	56084.90234	505219.0	5408932.3
L5220.0	505219.0	5408932.3	10632.90039	321.63	104.53	48.833345	-86.928883	56094.09	56250.4	-0.40	56093.69	56094.21875	56084.31322	56087.82813	505219.0	5408932.3
L5220.0	505219.0	5408933.6	10633.00000	320.74	104.57	48.833357	-86.928883	56093.96	56250.4	-0.40	56093.56	56094.10156	56082.23753	56085.76563	505219.0	5408933.6
L5220.0	505219.0	5408934.9	10633.09961	319.26	104.57	48.833369	-86.928883	56094.04	56250.4	-0.40	56093.64	56094.19141	56084.23126	56087.77344	505219.0	5408934.9
L5220.0	505219.0	5408936.6	10633.20020	321.28	104.57	48.833384	-86.928883	56093.88	56250.4	-0.39	56093.49	56094.05078	56081.77565	56085.32813	505219.0	5408936.6
L5220.0	505219.0	5408938.1	10633.29981	323.02	104.57	48.833398	-86.928883	56093.84	56250.4	-0.39	56093.45	56094.01953	56081.46851	56085.03516	505219.0	5408938.1
L5220.0	505219.0	5408938.1	10633.40039	322.66	104.62	48.833398	-86.928883	56093.84	56250.4	-0.39	56093.45	56094.02734	56081.96623	56085.54297	505219.0	5408938.1
L5220.0	505219.0	5408939.4	10633.50000	323.87	104.62	48.833409	-86.928883	56093.73	56250.4	-0.39	56093.35	56093.93750	56080.51371	56084.10156	505219.0	5408939.4
L5220.0	505219.0	5408940.6	10633.59961	322.60	104.66	48.833420	-86.928883	56093.66	56250.4	-0.38	56093.27	56093.86328	56079.47175	56083.07031	505219.0	5408940.6
L5220.0	505219.0	5408941.9	10633.70020	322.15	104.66	48.833432	-86.928883	56093.58	56250.4	-0.38	56093.20	56093.80078	56078.64815	56082.25391	505219.0	5408941.9
L5220.0	505218.9	5408943.2	10633.79981	321.42	104.66	48.833443	-86.928884	56093.54	56250.4	-0.38	56093.16	56093.76953	56078.44569	56082.06250	505218.9	5408943.2
L5220.0	505218.9	5408943.2	10633.90039	320.40	104.66	48.833443	-86.928884	56093.58	56250.4	-0.37	56093.21	56093.82422	56080.06839	56083.69531	505218.9	5408943.2
L5220.0	505218.9	5408944.5	10634.00000	320.79	104.66	48.833455	-86.928884	56093.53	56250.4	-0.37	56093.16	56093.78125	56079.71963	56083.35156	505218.9	5408944.5
L5220.0	505218.9	5408945.6	10634.00000	320.79	104.66	48.833465	-86.928884	56093.53	56250.4	-0.37	56093.16	56093.78516	56080.39046	56084.03125	505218.9	5408945.6
L5220.0	505218.9	5408947.2	10634.20020	320.30	104.66	48.833480	-86.928884	56093.41	56250.4	-0.37	56093.03	56093.66016	56078.48644	56082.13672	505218.9	5408947.2
L5220.0	505218.9	5408948.5	10634.29981	320.90	104.66	48.833491	-86.928884	56093.48	56250.4	-0.37	56093.10	56093.73438	56080.58942	56084.24609	505218.9	5408948.5
L5220.0	505218.9	5408948.5	10634.40039	320.69	104.66	48.833491	-86.928884	56093.33	56250.4	-0.37	56092.95	56093.58984	56078.32846	56081.99219	505218.9	5408948.5
L5220.0	505218.9	5408950.1	10634.50000	319.99	104.66	48.833505	-86.928885	56093.38	56250.4	-0.38	56093.01	56093.65234	56080.25362	56083.92188	505218.9	5408950.1
L5220.0	505218.9	5408951.4	10634.59961	321.84	104.66	48.833517	-86.928885	56093.27	56250.4	-0.38	56092.90	56093.54688	56078.81775	56082.49219	505218.9	5408951.4
L5220.0	505218.9	5408952.7	10634.70020	321.07	104.66	48.833529	-86.928885	56093.30	56250.4	-0.38	56092.92	56093.56641	56079.96172	56083.64453	505218.9	5408952.7
L5220.0	505218.9	5408952.7	10634.79981	320.46	104.66	48.833529	-86.928885	56093.18	56250.4	-0.38	56092.80	56093.44922	56078.35132	56082.03906	505218.9	5408952.7
L5220.0	505218.9	5408954.1	10634.90039	320.03	104.66	48.833541	-86.928885	56093.22	56250.4	-0.38	56092.84	56093.49219	56079.89518	56083.58594	505218.9	5408954.1
L5220.0	505218.8	5408955.8	10635.00000	319.62	104.66	48.833557	-86.928885	56093.13	56250.4	-0.38	56092.75	56093.40234	56078.88671	56082.58203	505218.8	5408955.8
L5220.0	505218.8	5408957.2	10635.09961	319.84	104.66	48.833569	-86.928885	56093.13	56250.4	-0.38	56092.74	56093.39453	56079.45260	56083.15234	505218.8	5408957.2
L5220.0	505218.8	5408957.2	10635.20020	319.73	104.66	48.833569	-86.928885	56092.97	56250.4	-0.38	56092.58	56093.23828	56077.08842	56080.79297	505218.8	5408957.2
L5220.0	505218.8	5408958.6	10635.29981	319.32	104.66	48.833582	-86.928885	56093.03	56250.4	-0.39	56092.64	56093.29688	56079.03664	56082.74609	505218.8	5408958.6
L5220.0	505218.8	5408959.6	10635.40039	320.23	104.66	48.833591	-86.928885	56092.89	56250.4	-0.39	56092.51	56093.16797	56077.27938	56080.99609	505218.8	5408959.6
L5220.0	505218.8	5408961.2	10635.50000	320.76	104.66	48.833606	-86.928885	56092.93	56250.4	-0.39	56092.54	56093.19922	56078.65780	56082.37891	505218.8	5408961.2
L5220.0	505218.8	5408962.6	10635.59961	320.70	130	48.833618	-86.928885	56092.84	56250.4	-0.39	56092.45	56093.10547	56077.70534	56081.42969	505218.8	5408962.6
L5220.0	505218.8	5408963.7	10635.70020	320.23	130	48.833628	-86.928885	56092.77	56250.4	-0.39	56092.38	56093.03516	56077.15678	56080.88281	505218.8	5408963.7
L5220.0	505218.8	5408965.3	10635.79981	319.69	130	48.833642	-86.928885	56092.77	56250.4	-0.40	56092.37	56093.02734	56077.79084	56081.52344	505218.8	5408965.3
L5220.0	505218.8	5408965.3	10635.90039	318.76	130	48.833642	-86.928885	56092.88	56250.4	-0.40	56092.48	56093.13672	56080.77074	56084.50781	505218.8	5408965.3
L5220.0	505218.8	5408966.9	10636.00000	320.17	130	48.833656	-86.928885	56092.72	56250.4	-0.40	56092.32	56092.97266	56078.52089	56082.26172	505218.8	5408966.9
L5220.0	505218.8	5408968.4	10636.00000	320.17	130	48.833670	-86.928886	56092.83	56250.4	-0.40	56092.43	56093.08203	56081.52461	56085.26953	505218.8	5408968.4
L5220.0	505218.8	5408968.4	10636.20020	322.22	130	48.833670	-86.928886	56092.70	56250.4	-0.40	56092.30	56092.94922	56079.89512	56083.64453	505218.8	5408968.4
L5220.0	505218.8	5408969.8	10636.29981	321.64	130	48.833682	-86.928886	56092.70	56250.4	-0.39	56092.30	56092.94922	56080.79683	56084.55078	505218.8	5408969.8
L5220.0	505218.8	5408971.2	10636.40039	320.39	130	48.833696	-86.928886	56092.60	56250.4	-0.39	56092.21	56092.85547	56079.97953	56083.73828	505218.8	5408971.2
L5220.0	505218.8	5408972.8	10636.50000	318.27	130	48.833709	-86.928886	56092.62	56250.4	-0.39	56092.23	56092.87500	56081.29624	56085.05859	505218.8	5408972.8
L5220.0	505218.8	5408974.1	10636.59961	317.35	130	48.833721	-86.928886	56092.42	56250.4	-0.39	56092.03	56092.67188	56078.40593	56082.17188	505218.8	5408974.1
L5220.0	505218.8	5408974.1	10636.70020	316.78	130	48.833721	-86.928886	56092.37	56250.4	-0.39	56091.98	56092.62109	56078.41424	56082.18750	505218.8	5408974.1
L5220.0	505218.7	5408975.4	10636.79981	319.33	130	48.833733	-86.928886	56092.39	56250.4	-0.38	56092.00	56092.63672	56079.77691	56083.55469	505218.7	5408975.4
L5220.0	505218.7	5408977.0	10636.90039	321.04	130	48.833747	-86.928886	56092.44	56250.4	-0.38	56092.06	56092.69531	56081.91651	56085.69922	505218.7	5408977.0
L5220.0	505218.7	5408978.5	10637.00000	321.16	130	48.833761	-86.928886	56092.14	56250.4	-0.38	56091.76	56092.39063	56077.19936	56080.98828	505218.7	5408978.5
L5220.0	505218.7	5408978.5	10637.09961	323.26	130	48.833761	-86.928886	56092.20	56250.4	-0.38	56091.82	56092.44922	56079.37103	56083.16406	505218.7	5408978.5
L5220.0	505218.7	5408979.4	10637.20020	323.92	130	48.833769	-86.928886	56092.06	56250.4	-0.38	56091.68	56092.30469	56077.74329	56081.54297	505218.7	5408979.4
L5220.0	505218.7	5408980.8	10637.29981	320.73	130	48.833781	-86.928886	56092.09	56250.4	-0.37	56091.72	56092.33984	56079.56843	56083.37500	505218.7	5408980.8
L5220.0	505218.7	5408981.8	10637.40039	317.40	130	48.833791	-86.928886	56091.94	56250.4	-0.37	56091.57	56092.18750	56077.78401	56081.59766	505218.7	5408981.8
L5220.0	505218.7	5408982.9	10637.50000	316.36	130	48.833801	-86.928886	56091.98	56250.4	-0.37	56091.61	56092.22656	56079.65090	56083.47266	505218.7	5408982.9
L5220.0	505218.7	5408984.5	10637.59961	315.73	130	48.833815	-86.928886	56091.89	56250.4	-0.37	56091.52	56092.13281	56079.05282	56082.87891	505218.7	5408984.5
L5220.0	505218.7	5408984.5	10637.70020	317.53	130	48.833815	-86.928886	56092.01	56250.4	-0.37	56091.64	56092.25000	56082.50909	56086.34375	505218.7	5408984.5
L5220.0	505218.7	5408985.6	10637.79981	317.47	130	48.833825	-86.928886	56091.86	56250.4	-0.36	56091.50	56092.10547	56080.99962	56084.84375	505218.7	5408985.6
L5220.0	505218.7	5408987.1	10637.90039	317.93	130	48.833838	-86.928886	56091.94	56250.4	-0.36	56091.58	56092.17969	56083.75181	56087.60547	505218.7	5408987.1
L5220.0	505218.7	5408988.0	10638.00000	321.82	130	48.833846	-86.928886	56091.79	56250.4	-0.36	56091.43	56092.02734	56082.09686	56085.95703	505218.7	5408988.0
L5220.0	505218.8	5408989.5	10638.00000	321.82	130	48.833860	-86.928886	56091.76	56250.4	-0.36	56091.40	56091.99219	56082.78596	56086.65625	505218.8	5408989.5
L5220.0	505218.8	5408991.2	10638.20020	320.93	130	48.833875	-86.928886	56091.71	56250.4	-0.36	56091.35	56091.94141	56083.11741	56087.00000	505218.8	5408991.2
L5220.0	505218.8	5408992.5	10638.29981	320.92	130	48.833887	-86.928886	56091.64	56250.4	-0.36	56091.27	56091.85547	56082.89488	56086.78516	505218.8	5408992.5
L5220.0	505218.8	5408992.5	10638.40039	319.97	130	48.833887	-86.928886	56091.43	56250.4	-0.36	56091.07	56091.65234	56080.36413	56084.26563	505218.8	5408992.5
L5220.0	505218.8	5408993.8	10638.50000	320.76	130	48.833899	-86.928885	56091.38	56250.4	-0.37	56091.01	56091.58984	56080.58537	56084.50000	505218.8	5408993.8
L5220.0	505218.8	5408993.8	10638.59961	322.48	130	48.833899	-86.928885	56091.16	56250.4	-0.37	56090.79	56091.36328	56077.71672	56081.64453	505218.8	5408993.8
L5220.0	505218.8	5408995.4	10638.70020	324.63	130	48.833913	-86.928885	56091.18	56250.4	-0.37	56090.81	56091.38281	56079.56005	56083.50000	505218.8	5408995.4
L5220.0	505218.8	5408997.2	10638.79981	322.32	130	48.833930	-86.928885	56091.20	56250.4	-0.37	56090.83	56091.39844	56081.43521	56085.38672	505218.8	5408997.2
L5220.0	505218.8	5408997.2	10638.90039	321.50	130	48.833930	-86.928885	56091.05	56250.4	-0.37	56090.68	56091.24219	56080.02727	56083.99219	505218.8	5408997.2
L5220.0	505218.8	5408998.5	10639.00000	321.39	130	48.833941	-86.928885	56090.80	56250.4	-0.37	56090.43	56090.98828	56076.71218	56080.69141	505218.8	5408998.5
L5220.0	505218.8	5408999.9	10639.09961	318.44	130	48.833954	-86.928885	56090.70	56250.4	-0.37	56090.33	56090.88672	56076.35520	56080.35156	505218.8	5408999.9
L5220.0	505218.8	5409001.5	10639.20020	319.78	130	48.833968	-86.928884	56090.54	56250.4	-0.37	56090.17	56090.72266	56074.87314	56078.88281	505218.8	5409001.5
L5220.0	505218.9	5409003.3	10639.29981	318.16	130	48.833984	-86.928884	56090.49	56250.4	-0.37	56090.12	56090.66797	56075.55139	56079.57813	505218.9	5409003.3
L5220.0	505218.9	5409003.3	10639.40039	319.52	130	48.833984	-86.928884	56090.52	56250.4	-0.37	56090.15	56090.69531	56077.78748	56081.82813	505218.9	5409003.3
L5220.0	505218.9	5409004.7	10639.50000	316.88	130	48.833996	-86.928884	56090.44	56250.4	-0.37	56090.07	56090.60938	56077.92958	56081.98828	505218.9	5409004.7
L5220.0	505218.9	5409006.0	10639.59961	318.88	130	48.834009	-86.928883	56090.29	56250.4	-0.37	56089.92	56090.45703	56076.76105	56080.83594	505218.9	5409006.0
L5220.0	505218.9	5409007.6	10639.70020	320.61	130	48.834023	-86.928883	56090.17	56250.4	-0.37	56089.80	56090.33203	56076.18580	56080.28125	505218.9	5409007.6
L5220.0	505218.9	5409007.6	10639.79981	321.45	130	48.834023	-86.928883	56090.16	56250.4	-0.37	56089.79	56090.32031	56077.70093	56081.81250	505218.9	5409007.6
L5220.0	505219.0	5409009.2	10639.90039	317.87	130	48.834037	-86.928883	56090.07	56250.4	-0.37	56089.70	56090.22656	56077.71033	56081.84375	505219.0	5409009.2
L5220.0	505219.0	5409010.5	10640.00000	320.88	130	48.834049	-86.928883	56090.04	56250.4	-0.37	56089.67	56090.19141	56078.85536	56083.00781	505219.0	5409010.5
L5220.0	505219.0	5409010.5	10640.00000	320.88	130	48.834049	-86.928883	56089.87	56250.4	-0.37	56089.50	56090.01563	56077.37870	56081.55078	505219.0	5409010.5
L5220.0	505219.0	5409011.9	10640.09961	318.58	130	48.834061	-86.928882	56089.81	56250.4	-0.37	56089.44	56089.95313	56077.97974	56082.17188	505219.0	5409011.9
L5220.0	505219.0	5409013.3	10640.20020	319.31	130	48.834074	-86.928882	56089.59	56250.4	-0.37	56089.22	56089.73047	56075.58635	56079.80078	505219.0	5409013.3
L5220.0	505219.0	5409014.7	10640.20020	319.31	130	48.834087	-86.928882	56089.54	56250.4	-0.37	56089.17	56089.67578	56076.40822	56080.64453	505219.0	5409014.7
L5220.0	505219.0	5409016.0	10640.50000	318.51	130	48.834099	-86.928882	56089.40	56250.4	-0.37	56089.04	56089.53906	56075.74806	56080.00781	505219.0	5409016.0
L5220.0	505219.0	5409016.0	10640.59961	316.73	130	48.834099	-86.928882	56089.23	56250.4	-0.36	56088.87	56089.36719	56074.36490	56078.64844	505219.0	5409016.0
L5220.0	505219.0	5409017.4	10640.70020	317.69	130	48.834111	-86.928882	56089.13	56250.4	-0.36	56088.77	56089.26172	56074.34331	56078.64844	505219.0	5409017.4
L5220.0	505219.1	5409018.7	10640.79981	320.15	130	48.834123	-86.928881	56089.08	56250.4	-0.36	56088.72	56089.20703	56075.30666	56079.63672	505219.1	5409018.7
L5220.0	505219.1	5409020.1	10640.90039	317.71	130	48.834136	-86.928881	56088.98	56250.4	-0.36	56088.62	56089.10156	56075.36964	56079.72266	505219.1	5409020.1
L5220.0	505219.1	5409021.5	10641.00000	320.76	130	48.834148	-86.928881	56088.86	56250.4	-0.36	56088.50	56088.97656	56075.10285	56079.48438	505219.1	5409021.5
L5220.0	505219.1	5409022.7	10641.09961	319.74	130	48.834159	-86.928881	56088.90	56250.4	-0.36	56088.55	56089.01953	56078.04477	56082.44922	505219.1	5409022.7
L5220.0	505219.1	5409022.7	10641.20020	321.56	130	48.834159	-86.928881	56088.87	56250.4	-0.35	56088.52	56088.98438	56079.51151	56083.94141	505219.1	5409022.7
L5220.0	505219.1	5409024.4	10641.29981	324.48	130	48.834174	-86.928880	56088.80	56250.3	-0.35	56088.45	56088.91016	56080.25827	56084.71484	505219.1	5409024.4
L5220.0	505219.2	5409025.7	10641.40039	324.12	130	48.834186	-86.928880	56088.50	56250.3	-0.34	56088.15	56088.60547	56076.83668	56081.32031	505219.2	5409025.7
L5220.0	505219.2	5409027.1	10641.50000	323.56	130	48.834198	-86.928879	56088.45	56250.3	-0.34	56088.11	56088.55859	56078.19287	56082.70313	505219.2	5409027.1
L5220.0	505219.2	5409028.5	10641.59961	323.95	130	48.834210	-86.928879	56088.45	56250.3	-0.34	56088.11	56088.55078	56080.27476	56084.81250	505219.2	5409028.5
L5220.0	505219.2	5409028.5	10641.70020	321.57	130	48.834210	-86.928879	56088.27	56250.3	-0.33	56087.93	56088.36328	56079.13807	56083.70313	505219.2	5409028.5
L5220.0	505219.2	5409029.8	10641.79981	317.77	130	48.834222	-86.928878	56087.98	56250.3	-0.33	56087.66	56088.08594	56076.42273	56081.01563	505219.2	5409029.8
L5220.0	505219.3	5409031.2	10641.90039	315.43	130	48.834235	-86.928878	56087.89	56250.3	-0.32	56087.56	56087.98047	56076.75614	56081.37500	505219.3	5409031.2
L5220.0	505219.3	5409032.5	10642.00000	314.08	130	48.834247	-86.928878	56087.89	56250.3	-0.32	56087.57	56087.98047	56079.06630	56083.71484	505219.3	5409032.5

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5220.0	505219.4	5409034.1	10642.00000	314.08	130	48.834261	-86.928877	56087.79	56250.3	-0.32	56087.47	56087.87500	56079.44570	56084.12109	505219.4	5409034.1
L5220.0	505219.4	5409034.1	10642.20020	312.61	130	48.834261	-86.928877	56087.66	56250.3	-0.32	56087.34	56087.73438	56079.32060	56084.02734	505219.4	5409034.1
L5220.0	505219.4	5409035.5	10642.29981	312.58	130	48.834274	-86.928877	56087.46	56250.3	-0.33	56087.13	56087.51563	56077.78914	56082.52344	505219.4	5409035.5
L5220.0	505219.4	5409036.9	10642.40039	312.41	130	48.834286	-86.928876	56087.32	56250.3	-0.33	56086.99	56087.36719	56077.54815	56082.30859	505219.4	5409036.9
L5220.0	505219.4	5409036.9	10642.50000	314.61	130	48.834286	-86.928876	56087.28	56250.3	-0.33	56086.95	56087.31641	56079.17021	56083.96094	505219.4	5409036.9
L5220.0	505219.5	5409038.7	10642.59961	314.39	130	48.834303	-86.928876	56087.11	56250.3	-0.33	56086.78	56087.13672	56078.47515	56083.29297	505219.5	5409038.7
L5220.0	505219.5	5409040.1	10642.70020	315.09	130	48.834315	-86.928875	56086.85	56250.3	-0.33	56086.51	56086.85547	56075.96983	56080.81641	505219.5	5409040.1
L5220.0	505219.5	5409041.2	10642.79981	314.19	130	48.834325	-86.928875	56086.66	56250.3	-0.34	56086.32	56086.65234	56074.96880	56079.84375	505219.5	5409041.2
L5220.0	505219.5	5409042.8	10642.90039	314.18	130	48.834340	-86.928875	56086.63	56250.3	-0.34	56086.29	56086.60938	56077.01363	56081.91406	505219.5	5409042.8
L5220.0	505219.5	5409043.7	10643.00000	319.63	130	48.834348	-86.928874	56086.44	56250.3	-0.34	56086.10	56086.40625	56076.11841	56081.04688	505219.5	5409043.7
L5220.0	505219.6	5409045.1	10643.09961	322.64	130	48.834360	-86.928874	56086.38	56250.3	-0.34	56086.04	56086.33203	56077.75249	56082.71094	505219.6	5409045.1
L5220.0	505219.6	5409045.1	10643.20020	326.16	130	48.834360	-86.928874	56086.12	56250.3	-0.34	56085.78	56086.05859	56075.61066	56080.59375	505219.6	5409045.1
L5220.0	505219.6	5409046.3	10643.29981	326.12	130	48.834371	-86.928874	56086.07	56250.3	-0.34	56085.73	56085.99219	56077.58741	56082.59766	505219.6	5409046.3
L5220.0	505219.6	5409048.1	10643.40039	326.62	130	48.834387	-86.928873	56085.89	56250.3	-0.34	56085.56	56085.80859	56077.30126	56082.33594	505219.6	5409048.1
L5220.0	505219.6	5409050.0	10643.50000	323.24	130	48.834404	-86.928873	56085.69	56250.3	-0.34	56085.35	56085.58203	56076.27650	56081.33594	505219.6	5409050.0
L5220.0	505219.6	5409050.0	10643.59961	323.79	130	48.834404	-86.928873	56085.48	56250.3	-0.34	56085.14	56085.35156	56075.30422	56080.39063	505219.6	5409050.0
L5220.0	505219.6	5409051.3	10643.70020	323.64	130	48.834416	-86.928873	56085.51	56250.3	-0.34	56085.17	56085.36328	56079.32461	56084.43359	505219.6	5409051.3
L5220.0	505219.7	5409052.5	10643.79981	321.93	130	48.834426	-86.928872	56085.18	56250.3	-0.34	56084.84	56085.01563	56076.04718	56081.17969	505219.7	5409052.5
L5220.0	505219.7	5409054.1	10643.90039	318.67	130	48.834441	-86.928872	56084.86	56250.3	-0.34	56084.52	56084.67578	56073.00217	56078.16016	505219.7	5409054.1
L5220.0	505219.7	5409055.5	10644.00000	320.11	130	48.834454	-86.928872	56084.57	56250.3	-0.34	56084.23	56084.36328	56070.63595	56075.81641	505219.7	5409055.5
L5220.0	505219.7	5409055.5	10644.00000	320.11	130	48.834454	-86.928872	56084.45	56250.3	-0.34	56084.11	56084.21875	56071.96944	56077.16797	505219.7	5409055.5
L5220.0	505219.7	5409057.1	10644.20020	317.02	130	48.834468	-86.928872	56084.14	56250.3	-0.34	56083.81	56083.89844	56069.56100	56074.78125	505219.7	5409057.1
L5220.0	505219.7	5409058.2	10644.29981	318.56	130	48.834478	-86.928871	56084.15	56250.3	-0.34	56083.81	56083.87109	56073.71383	56078.95313	505219.7	5409058.2
L5220.0	505219.7	5409058.2	10644.40039	318.23	130	48.834478	-86.928871	56083.84	56250.3	-0.34	56083.50	56083.53516	56071.28539	56076.54297	505219.7	5409058.2
L5220.0	505219.8	5409059.8	10644.50000	320.56	130	48.834492	-86.928871	56083.74	56250.3	-0.34	56083.40	56083.41016	56073.51274	56078.78906	505219.8	5409059.8
L5220.0	505219.8	5409061.4	10644.59961	323.03	130	48.834507	-86.928871	56083.44	56250.3	-0.34	56083.10	56083.08203	56071.49370	56076.78516	505219.8	5409061.4
L5220.0	505219.8	5409062.8	10644.70020	324.86	130	48.834519	-86.928871	56083.29	56250.3	-0.34	56082.95	56082.90234	56072.84458	56078.15234	505219.8	5409062.8
L5220.0	505219.8	5409062.8	10644.79981	327.09	130	48.834519	-86.928871	56083.11	56250.3	-0.34	56082.77	56082.69141	56073.64051	56078.96094	505219.8	5409062.8
L5220.0	505219.8	5409064.3	10644.90039	326.99	130	48.834533	-86.928871	56082.98	56250.3	-0.34	56082.64	56082.53125	56075.63623	56080.96875	505219.8	5409064.3
L5220.0	505219.8	5409065.5	10645.00000	328.39	130	48.834544	-86.928870	56082.73	56250.3	-0.34	56082.39	56082.24609	56075.10452	56080.44922	505219.8	5409065.5
L5220.0	505219.8	5409067.4	10645.09961	327.06	130	48.834561	-86.928870	56082.48	56250.3	-0.34	56082.14	56081.96094	56074.67709	56080.03125	505219.8	5409067.4
L5220.0	505219.8	5409067.4	10645.20020	325.79	130	48.834561	-86.928870	56082.22	56250.3	-0.34	56081.88	56081.66406	56074.13716	56079.49609	505219.8	5409067.4
L5220.0	505219.8	5409068.8	10645.29981	326.71	130	48.834573	-86.928870	56081.92	56250.3	-0.34	56081.57	56081.32031	56072.60660	56077.97266	505219.8	5409068.8
L5220.0	505219.8	5409070.0	10645.40039	321.91	130	48.834584	-86.928870	56081.72	56250.3	-0.34	56081.38	56081.08984	56073.83593	56079.20703	505219.8	5409070.0
L5220.0	505219.8	5409071.6	10645.50000	323.82	130	48.834599	-86.928870	56081.38	56250.3	-0.35	56081.04	56080.71094	56071.88150	56077.25781	505219.8	5409071.6
L5220.0	505219.8	5409071.6	10645.59961	324.18	130	48.834599	-86.928870	56081.26	56250.3	-0.35	56080.92	56080.54688	56074.87698	56080.25391	505219.8	5409071.6
L5220.0	505219.9	5409073.5	10645.70020	324.83	130	48.834616	-86.928870	56080.98	56250.3	-0.35	56080.64	56080.22266	56074.47820	56079.85156	505219.9	5409073.5
L5220.0	505219.9	5409074.8	10645.79981	323.92	130	48.834628	-86.928869	56080.65	56250.3	-0.35	56080.30	56079.83984	56072.90417	56078.27734	505219.9	5409074.8
L5220.0	505219.9	5409075.8	10645.90039	321.93	130	48.834636	-86.928869	56080.33	56250.3	-0.35	56079.98	56079.47266	56071.90515	56077.27344	505219.9	5409075.8
L5220.0	505219.9	5409076.9	10646.00000	321.91	130	48.834646	-86.928869	56080.13	56250.3	-0.35	56079.78	56079.22266	56073.59766	56078.96094	505219.9	5409076.9
L5220.0	505219.9	5409078.5	10646.00000	321.91	130	48.834661	-86.928869	56079.77	56250.3	-0.35	56079.42	56078.81250	56072.00768	56077.35938	505219.9	5409078.5
L5220.0	505219.9	5409078.5	10646.20020	320.92	130	48.834661	-86.928869	56079.52	56250.4	-0.35	56079.17	56078.51172	56072.85327	56078.19531	505219.9	5409078.5
L5220.0	505219.9	5409079.9	10646.29981	320.23	130	48.834674	-86.928869	56079.20	56250.4	-0.35	56078.84	56078.12891	56072.14870	56077.47656	505219.9	5409079.9
L5220.0	505219.9	5409081.1	10646.40039	319.35	130	48.834684	-86.928869	56078.91	56250.4	-0.35	56078.55	56077.78516	56072.37967	56077.69531	505219.9	5409081.1
L5220.0	505219.9	5409082.5	10646.50000	320.00	130	48.834696	-86.928868	56078.54	56250.4	-0.35	56078.18	56077.35938	56071.11146	56076.40625	505219.9	5409082.5
L5220.0	505220.0	5409083.9	10646.59961	319.35	130	48.834709	-86.928868	56078.20	56250.4	-0.36	56077.84	56076.96094	56070.57133	56075.84766	505220.0	5409083.9
L5220.0	505220.0	5409085.1	10646.70020	321.53	130	48.834720	-86.928868	56077.80	56250.4	-0.36	56077.44	56076.50000	56068.97510	56074.23047	505220.0	5409085.1
L5220.0	505220.0	5409085.1	10646.79981	322.17	130	48.834720	-86.928868	56077.60	56250.4	-0.36	56077.24	56076.23828	56071.38350	56076.61328	505220.0	5409085.1
L5220.0	505220.0	5409086.7	10646.90039	324.17	100.96	48.834734	-86.928867	56077.14	56250.4	-0.36	56076.78	56075.71484	56068.86995	56074.07031	505220.0	5409086.7
L5220.0	505220.0	5409088.1	10647.00000	322.28	98.46	48.834747	-86.928867	56076.86	56250.4	-0.36	56076.50	56075.36719	56069.92491	56075.09766	505220.0	5409088.1
L5220.0	505220.0	5409089.5	10647.09961	322.50	98.46	48.834759	-86.928867	56076.48	56250.4	-0.36	56076.12	56074.92188	56069.18578	56074.32422	505220.0	5409089.5
L5220.0	505220.1	5409091.1	10647.20020	323.06	101.28	48.834774	-86.928867	56076.14	56250.4	-0.36	56075.78	56074.51172	56069.31432	56074.41797	505220.1	5409091.1
L5220.0	505220.1	5409091.1	10647.29981	319.62	98.2	48.834774	-86.928867	56075.70	56250.4	-0.36	56075.34	56074.00000	56067.69318	56072.75781	505220.1	5409091.1
L5220.0	505220.1	5409093.0	10647.40039	318.03	97.99	48.834791	-86.928866	56075.40	56250.4	-0.36	56075.04	56073.62891	56068.79132	56073.81641	505220.1	5409093.0
L5220.0	505220.1	5409093.0	10647.50000	318.12	97.99	48.834791	-86.928866	56074.94	56250.4	-0.35	56074.58	56073.09375	56067.05121	56072.03125	505220.1	5409093.0
L5220.0	505220.1	5409094.6	10647.59961	319.90	101.17	48.834805	-86.928866	56074.66	56250.4	-0.35	56074.30	56072.73438	56068.73727	56073.67188	505220.1	5409094.6
L5220.0	505220.1	5409095.8	10647.70020	318.12	101.09	48.834816	-86.928866	56074.20	56250.4	-0.35	56073.85	56072.20703	56067.43303	56072.31641	505220.1	5409095.8
L5220.0	505220.1	5409097.2	10647.79981	316.54	99.57	48.834829	-86.928866	56073.86	56250.4	-0.35	56073.51	56071.78906	56068.25361	56073.08594	505220.1	5409097.2
L5220.0	505220.2	5409098.6	10647.90039	315.87	99.57	48.834841	-86.928865	56073.39	56250.4	-0.35	56073.04	56071.23438	56066.84895	56071.62500	505220.2	5409098.6
L5220.0	505220.2	5409100.0	10648.00000	317.14	96.77	48.834854	-86.928865	56073.04	56250.3	-0.35	56072.69	56070.80078	56067.73000	56072.44922	505220.2	5409100.0
L5220.0	505220.2	5409100.0	10648.00000	317.14	97.71	48.834854	-86.928865	56072.59	56250.3	-0.35	56072.24	56070.26563	56066.94776	56071.60547	505220.2	5409100.0
L5220.0	505220.2	5409101.3	10648.20020	318.30	97.71	48.834866	-86.928865	56072.14	56250.4	-0.35	56071.79	56069.73047	56066.30068	56070.89453	505220.2	5409101.3
L5220.0	505220.2	5409102.5	10648.29981	318.72	89.03	48.834877	-86.928864	56071.57	56250.4	-0.35	56071.22	56069.07031	56063.69111	56068.21484	505220.2	5409102.5
L5220.0	505220.2	5409103.6	10648.40039	319.33	100.88	48.834887	-86.928864	56071.20	56250.4	-0.35	56070.84	56068.60156	56064.53384	56068.98828	505220.2	5409103.6
L5220.0	505220.3	5409105.0	10648.50000	320.72	100.88	48.834899	-86.928864	56070.69	56250.4	-0.35	56070.33	56067.99609	56061.70149	56066.08203	505220.3	5409105.0
L5220.0	505220.3	5409106.9	10648.59961	321.86	91.53	48.834916	-86.928863	56070.41	56250.4	-0.36	56070.05	56067.62500	56066.07854	56070.38281	505220.3	5409106.9
L5220.0	505220.3	5409106.9	10648.70020	319.76	93.49	48.834916	-86.928863	56069.91	56250.4	-0.36	56069.55	56067.02734	56064.92799	56069.14844	505220.3	5409106.9
L5220.0	505220.3	5409108.2	10648.79981	321.10	93.49	48.834928	-86.928863	56069.48	56250.4	-0.36	56069.12	56066.50000	56065.75867	56069.89844	505220.3	5409108.2
L5220.0	505220.3	5409109.6	10648.90039	318.21	90.1	48.834941	-86.928863	56068.98	56250.4	-0.36	56068.63	56065.91406	56065.23841	56069.28906	505220.3	5409109.6
L5220.0	505220.3	5409110.8	10649.00000	316.24	90.1	48.834951	-86.928862	56068.54	56250.4	-0.36	56068.18	56065.36328	56065.92078	56069.88281	505220.3	5409110.8
L5220.0	505220.4	5409112.3	10649.09961	315.25	97.6	48.834965	-86.928862	56068.04	56250.4	-0.36	56067.68	56064.76172	56065.52202	56069.39063	505220.4	5409112.3
L5220.0	505220.4	5409113.9	10649.20020	315.62	97.6	48.834979	-86.928862	56067.55	56250.4	-0.36	56067.19	56064.16797	56065.57001	56069.34375	505220.4	5409113.9
L5220.0	505220.4	5409113.9	10649.29981	315.93	98.94	48.834979	-86.928862	56066.95	56250.4	-0.36	56066.59	56063.46484	56063.01696	56066.69141	505220.4	5409113.9
L5220.0	505220.4	5409115.2	10649.40039	314.92	98.94	48.834991	-86.928862	56066.51	56250.4	-0.36	56066.16	56062.92969	56064.98588	56068.55859	505220.4	5409115.2
L5220.0	505220.3	5409116.5	10649.50000	314.16	96.06	48.835002	-86.928862	56065.84	56250.4	-0.35	56065.48	56062.14063	56060.77352	56064.23828	505220.3	5409116.5
L5220.0	505220.3	5409117.7	10649.59961	313.36	96.06	48.835013	-86.928863	56065.18	56250.4	-0.35	56064.82	56061.37500	56057.24897	56060.60547	505220.3	5409117.7
L5220.0	505220.3	5409119.4	10649.70020	313.34	86.89	48.835029	-86.928863	56064.57	56250.4	-0.35	56064.22	56060.66406	56055.44850	56058.69141	505220.3	5409119.4
L5220.0	505220.3	5409119.4	10649.79981	312.34	86.89	48.835029	-86.928863	56063.96	56250.4	-0.35	56063.61	56059.94531	56053.58106	56056.71094	505220.3	5409119.4
L5220.0	505220.3	5409120.5	10649.90039	316.30	96.1	48.835038	-86.928863	56063.42	56250.4	-0.35	56063.07	56059.29688	56053.72949	56056.74219	505220.3	5409120.5
L5220.0	505220.3	5409121.8	10650.00000	318.61	96.39	48.835051	-86.928863	56063.00	56250.3	-0.35	56062.65	56058.76172	56058.03500	56060.92578	505220.3	5409121.8
L5220.0	505220.3	5409123.1	10650.00000	318.61	96.39	48.835062	-86.928863	56062.42	56250.3	-0.35	56062.07	56058.07031	56057.56140	56060.32813	505220.3	5409123.1
L5220.0	505220.3	5409124.6	10650.20020	323.21	93.79	48.835076	-86.928863	56061.79	56250.4	-0.36	56061.43	56057.31641	56056.18366	56058.82422	505220.3	5409124.6
L5220.0	505220.3	5409124.6	10650.29981	321.23	93.79	48.835076	-86.928863	56061.20	56250.4	-0.36	56060.84	56056.61328	56055.81726	56058.32813	505220.3	5409124.6
L5220.0	505220.3	5409126.1	10650.40039	321.45	92.48	48.835089	-86.928863	56060.85	56250.4	-0.36	56060.49	56056.14844	56059.81525	56062.19531	505220.3	5409126.1
L5220.0	505220.3	5409127.1	10650.50000	320.56	94.73	48.835098	-86.928863	56059.99	56250.4	-0.36	56059.62	56055.16406	56054.82714	56057.07031	505220.3	5409127.1
L5220.0	505220.2	5409128.4	10650.59961	321.40	94.73	48.835109	-86.928864	56059.38	56250.4	-0.37	56059.01	56054.43750	56054.55900	56056.66797	505220.2	5409128.4
L5220.0	505220.2	5409129.9	10650.70020	319.22	92.72	48.835123	-86.928864	56058.73	56250.4	-0.37	56058.36	56053.67578	56053.73869	56055.70703	505220.2	5409129.9
L5220.0	505220.2	5409131.0	10650.79981	318.91	91.6	48.835133	-86.928864	56057.96	56250.4	-0.37	56057.59	56052.78906	56050.95234	56052.77734	505220.2	5409131.0
L5220.0	505220.2	5409132.5	10650.90039	317.33	91.6	48.835146	-86.928864	56057.36	56250.4	-0.38	56056.98	56052.06250	56051.15817	56052.83984	505220.2	5409132.5
L5220.0	505220.2	5409132.5	10651.00000	316.33	90.88	48.835146	-86.928864	56056.76	56250.4	-0.38	56056.38	56051.34766	56051.70049	56053.23438	505220.2	5409132.5
L5220.0	505220.2	5409133.9	10651.09961	318.16	90.17	48.835159	-86.928864	56056.09	56250.4	-0.38	56055.71	56050.56250	56051.17080	56052.55859	505220.2	5409133.9
L5220.0	505220.2	5409135.4	10651.20020	318.20	90.17	48.835172	-86.928865	56055.43	56250.4	-0.38	56055.05	56049.78906	56050.97993	56052.21484	505220.2	5409135.4
L5220.0	505220.2	5409136.7	10651.29981	319.04	90.17	48.835185	-86.928865	56054.70	56250.4	-0.39	56054.32	56048.94531	56049.73892	56050.82031	505220.2	5409136.7

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5220.0	505220.1	5409138.3	10651.40039	317.25	84.9	48.835199	-86.928865	56054.02	56250.4	-0.39	56053.64	56048.14484	56048.43766	56049.36719	505220.1	5409138.3
L5220.0	505220.1	5409138.3	10651.50000	316.24	87.1	48.835199	-86.928865	56053.23	56250.4	-0.39	56052.84	56047.23828	56045.59725	56046.37109	505220.1	5409138.3
L5220.0	505220.1	5409139.7	10651.59961	314.71	87.1	48.835211	-86.928865	56052.70	56250.4	-0.39	56052.31	56046.59375	56049.92016	56050.53516	505220.1	5409139.7
L5220.0	505220.1	5409141.0	10651.70020	314.60	87.1	48.835223	-86.928866	56052.00	56250.4	-0.39	56051.60	56045.77344	56049.86774	56050.32422	505220.1	5409141.0
L5220.0	505220.1	5409142.2	10651.79981	314.14	90.77	48.835234	-86.928866	56051.19	56250.4	-0.40	56050.79	56044.85547	56047.56747	56047.86328	505220.1	5409142.2
L5220.0	505220.1	5409143.6	10651.90039	314.61	91.16	48.835246	-86.928866	56050.38	56250.4	-0.40	56049.98	56043.93359	56045.55494	56045.69141	505220.1	5409143.6
L5220.0	505220.1	5409143.6	10652.00000	315.47	91.93	48.835246	-86.928866	56049.56	56250.4	-0.40	56049.16	56043.00781	56043.57724	56043.55469	505220.1	5409143.6
L5220.0	505220.0	5409145.2	10652.00000	315.47	91.93	48.835261	-86.928866	56048.81	56250.4	-0.40	56048.41	56042.15234	56043.58615	56043.39844	505220.0	5409145.2
L5220.0	505220.0	5409145.2	10652.20020	315.25	91.6	48.835261	-86.928866	56048.10	56250.4	-0.40	56047.70	56041.33594	56044.82767	56044.48047	505220.0	5409145.2
L5220.0	505220.0	5409147.9	10652.29981	314.53	91.6	48.835285	-86.928867	56047.32	56250.4	-0.40	56046.92	56040.45703	56044.63507	56044.12500	505220.0	5409147.9
L5220.0	505220.0	5409147.9	10652.40039	315.59	89.59	48.835285	-86.928867	56046.51	56250.4	-0.40	56046.11	56039.54688	56043.99709	56043.32422	505220.0	5409147.9
L5220.0	505220.0	5409149.3	10652.50000	315.44	86.98	48.835297	-86.928867	56045.65	56250.4	-0.40	56045.25	56038.58984	56042.43718	56041.60156	505220.0	5409149.3
L5220.0	505219.9	5409150.5	10652.59961	314.15	86.98	48.835308	-86.928867	56044.79	56250.4	-0.40	56044.39	56037.63281	56041.17143	56040.17188	505219.9	5409150.5
L5220.0	505219.9	5409151.9	10652.70020	314.93	85.48	48.835321	-86.928868	56043.78	56250.4	-0.40	56043.38	56036.52734	56036.54729	56035.38672	505219.9	5409151.9
L5220.0	505219.9	5409151.9	10652.79981	317.03	80.7	48.835321	-86.928868	56043.07	56250.4	-0.40	56042.67	56035.73047	56039.55384	56038.23047	505219.9	5409151.9
L5220.0	505219.9	5409153.7	10652.90039	316.92	80.7	48.835337	-86.928868	56042.13	56250.4	-0.40	56041.73	56034.69922	56037.25037	56035.76953	505219.9	5409153.7
L5220.0	505219.9	5409155.1	10653.00000	317.63	78.44	48.835350	-86.928869	56041.27	56250.4	-0.40	56040.87	56033.75781	56037.24752	56035.60547	505219.9	5409155.1
L5220.0	505219.8	5409156.4	10653.09961	316.51	85.5	48.835361	-86.928869	56040.54	56250.4	-0.40	56040.13	56032.93359	56040.61563	56038.81641	505219.8	5409156.4
L5220.0	505219.8	5409158.0	10653.20020	314.58	85.5	48.835375	-86.928869	56039.45	56250.4	-0.41	56039.04	56031.76563	56035.54672	56033.59375	505219.8	5409158.0
L5220.0	505219.8	5409158.0	10653.29981	313.75	87.53	48.835375	-86.928869	56038.70	56250.4	-0.41	56038.28	56030.93359	56039.21888	56037.10938	505219.8	5409158.0
L5220.0	505219.8	5409159.2	10653.40039	315.19	87.53	48.835387	-86.928869	56037.84	56250.4	-0.42	56037.42	56030.00000	56040.78462	56038.52344	505219.8	5409159.2
L5220.0	505219.8	5409160.3	10653.50000	316.04	88.57	48.835397	-86.928870	56036.77	56250.4	-0.42	56036.35	56028.86328	56036.58836	56034.17969	505219.8	5409160.3
L5220.0	505219.8	5409162.1	10653.59961	316.83	87.25	48.835413	-86.928870	56035.68	56250.4	-0.42	56035.26	56027.71094	56033.87855	56031.32031	505219.8	5409162.1
L5220.0	505219.8	5409163.1	10653.70020	317.57	87.25	48.835421	-86.928870	56034.62	56250.4	-0.43	56034.19	56026.58203	56031.76201	56029.06250	505219.8	5409163.1
L5220.0	505219.8	5409163.1	10653.79981	317.67	85.45	48.835421	-86.928870	56033.58	56250.4	-0.43	56033.15	56025.48828	56030.45051	56027.60938	505219.8	5409163.1
L5220.0	505219.7	5409164.5	10653.90039	318.24	84.02	48.835435	-86.928870	56032.55	56250.4	-0.44	56032.11	56024.39453	56029.43787	56026.45703	505219.7	5409164.5
L5220.0	505219.7	5409165.8	10654.00000	320.22	74.78	48.835446	-86.928870	56031.46	56250.4	-0.44	56031.02	56023.26172	56027.81501	56024.69922	505219.7	5409165.8
L5220.0	505219.7	5409167.0	10654.00000	320.22	74.78	48.835457	-86.928870	56030.39	56250.4	-0.44	56029.95	56022.14844	56026.88855	56023.64453	505219.7	5409167.0
L5220.0	505219.7	5409168.6	10654.20020	319.30	79.69	48.835471	-86.928871	56029.23	56250.4	-0.44	56028.80	56020.96484	56024.77561	56021.40234	505219.7	5409168.6
L5220.0	505219.7	5409170.0	10654.29981	321.14	79.69	48.835484	-86.928871	56028.12	56250.4	-0.44	56027.68	56019.81250	56023.58501	56020.08984	505219.7	5409170.0
L5220.0	505219.7	5409170.0	10654.40039	319.61	79.69	48.835484	-86.928871	56026.98	56250.4	-0.44	56026.54	56018.64844	56022.37880	56018.76563	505219.7	5409170.0
L5220.0	505219.7	5409171.4	10654.50000	319.36	81.05	48.835496	-86.928871	56025.79	56250.4	-0.43	56025.35	56017.43750	56020.56179	56016.83594	505219.7	5409171.4
L5220.0	505219.7	5409172.8	10654.59961	319.51	80.92	48.835509	-86.928871	56024.70	56250.4	-0.43	56024.27	56016.34375	56021.39991	56017.56641	505219.7	5409172.8
L5220.0	505219.6	5409173.8	10654.70020	321.26	82.96	48.835518	-86.928871	56023.62	56250.4	-0.43	56023.19	56015.25391	56022.72251	56018.78516	505219.6	5409173.8
L5220.0	505219.6	5409175.2	10654.79981	320.50	82.96	48.835531	-86.928871	56022.56	56250.4	-0.43	56022.12	56014.18359	56024.75650	56020.72266	505219.6	5409175.2
L5220.0	505219.6	5409176.4	10654.90039	322.85	76.78	48.835541	-86.928872	56021.34	56250.4	-0.43	56020.91	56012.97656	56024.34739	56020.22266	505219.6	5409176.4
L5220.0	505219.6	5409176.4	10655.00000	322.60	79.08	48.835541	-86.928872	56020.00	56250.4	-0.43	56019.57	56011.64844	56021.64916	56017.44141	505219.6	5409176.4
L5220.0	505219.6	5409177.9	10655.09961	323.71	77.08	48.835555	-86.928872	56018.71	56250.4	-0.43	56018.28	56010.37500	56020.48766	56016.19922	505219.6	5409177.9
L5220.0	505219.6	5409179.3	10655.20020	325.97	77.08	48.835567	-86.928872	56017.39	56250.4	-0.43	56016.96	56009.07422	56019.18035	56014.82031	505219.6	5409179.3
L5220.0	505219.6	5409180.7	10655.29981	325.64	77.08	48.835580	-86.928872	56016.13	56250.4	-0.44	56015.69	56007.83594	56019.46280	56015.03906	505219.6	5409180.7
L5220.0	505219.6	5409182.0	10655.40039	327.27	80.47	48.835592	-86.928872	56014.91	56250.4	-0.44	56014.48	56006.66406	56021.56666	56017.08594	505219.6	5409182.0
L5220.0	505219.6	5409183.2	10655.50000	326.11	80.16	48.835603	-86.928872	56013.68	56250.4	-0.44	56013.24	56005.46484	56023.55356	56019.01953	505219.6	5409183.2
L5220.0	505219.6	5409183.2	10655.59961	325.70	80.85	48.835603	-86.928872	56012.23	56250.4	-0.44	56011.79	56004.06641	56021.55384	56016.98047	505219.6	5409183.2
L5220.0	505219.6	5409184.8	10655.70020	323.50	80.85	48.835617	-86.928872	56010.82	56250.4	-0.44	56010.38	56002.71094	56020.96637	56016.35547	505219.6	5409184.8
L5220.0	505219.6	5409186.2	10655.79981	321.76	80.31	48.835629	-86.928872	56009.27	56250.4	-0.45	56008.83	56001.22656	56017.95135	56013.31641	505219.6	5409186.2
L5220.0	505219.5	5409187.6	10655.90039	321.03	80.31	48.835642	-86.928872	56007.53	56250.4	-0.45	56007.08	55999.55078	56011.29582	56006.64063	505219.5	5409187.6
L5220.0	505219.5	5409187.6	10656.00000	320.47	81.66	48.835642	-86.928872	56005.88	56250.4	-0.45	56005.43	55997.98047	56007.40578	56002.74219	505219.5	5409187.6
L5220.0	505219.5	5409189.2	10656.00000	320.47	81.41	48.835657	-86.928872	56004.29	56250.4	-0.45	56003.84	55996.47656	56005.40945	56000.74609	505219.5	5409189.2
L5220.0	505219.5	5409190.4	10656.20020	318.04	81.41	48.835668	-86.928872	56002.82	56250.4	-0.45	56002.37	55995.10156	56006.50904	56001.85156	505219.5	5409190.4
L5220.0	505219.6	5409192.1	10656.29981	318.54	72.41	48.835683	-86.928872	56001.28	56250.4	-0.45	56000.83	55993.66406	56006.74396	56002.10547	505219.6	5409192.1
L5220.0	505219.6	5409192.1	10656.40039	319.94	76.14	48.835683	-86.928872	55999.51	56250.4	-0.45	55999.06	55992.00781	56002.93405	55998.32422	505219.6	5409192.1
L5220.0	505219.6	5409193.5	10656.50000	321.21	76.14	48.835696	-86.928872	55997.94	56250.4	-0.45	55997.49	55990.55469	56003.77898	55999.20313	505219.6	5409193.5
L5220.0	505219.6	5409194.8	10656.59961	320.51	73.62	48.835707	-86.928872	55996.27	56250.4	-0.45	55995.82	55989.01172	56003.23523	55998.70703	505219.6	5409194.8
L5220.0	505219.6	5409196.2	10656.70020	319.49	74.81	48.835720	-86.928871	55994.75	56250.4	-0.45	55994.30	55987.62500	56006.17449	56001.70313	505219.6	5409196.2
L5220.0	505219.6	5409197.3	10656.79981	318.55	74.81	48.835730	-86.928871	55992.91	56250.4	-0.45	55992.46	55985.92969	56003.56635	55999.16406	505219.6	5409197.3
L5220.0	505219.6	5409197.3	10656.90039	319.53	74.44	48.835730	-86.928871	55991.12	56250.4	-0.45	55990.67	55984.28906	56002.56393	55998.23828	505219.6	5409197.3
L5220.0	505219.7	5409198.8	10657.00000	320.91	75.01	48.835743	-86.928871	55989.06	56250.4	-0.45	55988.61	55982.38672	55997.27477	55993.03516	505219.7	5409198.8
L5220.0	505219.7	5409200.0	10657.09961	321.74	76	48.835754	-86.928870	55987.06	56250.5	-0.45	55986.61	55980.55469	55993.84312	55989.70313	505219.7	5409200.0
L5220.0	505219.7	5409201.5	10657.20020	320.01	76	48.835767	-86.928870	55985.04	56250.5	-0.45	55984.58	55978.69922	55990.60867	55986.57813	505219.7	5409201.5
L5220.0	505219.7	5409202.6	10657.29981	320.72	77.04	48.835777	-86.928869	55983.24	56250.5	-0.46	55982.79	55977.09375	55987.45574	55983.54688	505219.7	5409202.6
L5220.0	505219.7	5409202.6	10657.40039	319.60	77.04	48.835777	-86.928869	55981.30	56250.5	-0.46	55980.84	55975.33594	55987.78013	55984.00391	505219.7	5409202.6
L5220.0	505219.8	5409204.2	10657.50000	320.17	72.08	48.835791	-86.928869	55979.22	56250.5	-0.46	55978.76	55973.45703	55985.82561	55982.19141	505219.8	5409204.2
L5220.0	505219.8	5409205.5	10657.59961	317.72	66.89	48.835803	-86.928869	55976.77	56250.5	-0.46	55976.31	55971.21484	55975.89749	55972.41797	505219.8	5409205.5
L5220.0	505219.8	5409207.1	10657.70020	316.10	66.89	48.835817	-86.928869	55974.57	56250.5	-0.46	55974.10	55969.22266	55973.10469	55969.79297	505219.8	5409207.1
L5220.0	505219.8	5409207.1	10657.79981	314.44	67.8	48.835817	-86.928869	55972.39	56250.5	-0.47	55971.93	55967.27734	55972.34038	55969.20703	505219.8	5409207.1
L5220.0	505219.8	5409208.7	10657.90039	313.65	67.8	48.835832	-86.928869	55970.37	56250.5	-0.47	55969.90	55965.48047	55975.77240	55972.82813	505219.8	5409208.7
L5220.0	505219.8	5409210.3	10658.00000	314.27	71.46	48.835846	-86.928869	55968.04	56250.5	-0.47	55967.57	55963.39063	55973.32405	55970.57813	505219.8	5409210.3
L5220.0	505219.8	5409211.8	10658.00000	314.27	56.48	48.835860	-86.928868	55965.59	56250.5	-0.47	55965.12	55961.19141	55969.32407	55966.79297	505219.8	5409211.8
L5220.0	505219.8	5409212.6	10658.20020	310.91	56.48	48.835867	-86.928868	55963.04	56250.5	-0.47	55962.57	55958.89844	55964.31716	55962.00781	505219.8	5409212.6
L5220.0	505219.8	5409212.6	10658.29981	310.12	56.18	48.835867	-86.928868	55960.61	56250.5	-0.47	55960.14	55956.73438	55962.99760	55960.92578	505219.8	5409212.6
L5220.0	505219.8	5409213.9	10658.40039	309.17	56.18	48.835879	-86.928868	55958.13	56250.5	-0.47	55957.66	55954.52734	55961.67831	55959.85156	505219.8	5409213.9
L5220.0	505219.8	5409214.9	10658.50000	309.84	69.76	48.835888	-86.928868	55955.52	56250.5	-0.47	55955.05	55952.19922	55958.76045	55957.19531	505219.8	5409214.9
L5220.0	505219.8	5409216.1	10658.59961	311.03	68.83	48.835898	-86.928868	55952.82	56250.5	-0.47	55952.35	55949.78516	55955.13699	55953.83984	505219.8	5409216.1
L5220.0	505219.8	5409217.4	10658.70020	310.22	68.83	48.835911	-86.928868	55949.96	56250.5	-0.47	55949.49	55947.22266	55949.45467	55948.44141	505219.8	5409217.4
L5220.0	505219.9	5409219.1	10658.79981	310.69	65.67	48.835925	-86.928868	55947.15	56250.5	-0.47	55946.68	55944.71484	55945.91889	55945.19922	505219.9	5409219.1
L5220.0	505219.9	5409219.1	10658.90039	312.87	64.78	48.835925	-86.928868	55944.44	56250.5	-0.47	55943.97	55942.31641	55945.49279	55945.07813	505219.9	5409219.1
L5220.0	505219.9	5409220.6	10659.00000	314.08	64.78	48.835939	-86.928868	55941.71	56250.5	-0.47	55941.24	55939.90234	55945.82840	55945.73047	505219.9	5409220.6
L5220.0	505219.9	5409222.2	10659.09961	315.38	67.61	48.835953	-86.928867	55938.70	56250.5	-0.47	55938.23	55937.21875	55941.83026	55942.06250	505219.9	5409222.2
L5220.0	505219.9	5409223.0	10659.20020	315.20	68.36	48.835960	-86.928867	55935.64	56250.5	-0.47	55935.17	55934.48828	55938.05353	55938.62500	505219.9	5409223.0
L5220.0	505219.9	5409224.7	10659.29981	312.14	68.36	48.835975	-86.928867	55932.45	56250.5	-0.47	55931.98	55931.63672	55932.91443	55933.83594	505219.9	5409224.7
L5220.0	505219.9	5409224.7	10659.40039	310.16	63.82	48.835975	-86.928867	55929.24	56250.5	-0.47	55928.76	55928.76172	55928.42391	55929.70703	505219.9	5409224.7
L5220.0	505219.9	5409227.3	10659.50000	310.70	63.82	48.836000	-86.928867	55925.98	56250.5	-0.48	55925.50	55925.85156	55924.41982	55926.07813	505219.9	5409227.3
L5220.0	505219.9	5409227.3	10659.59961	312.87	65.58	48.836000	-86.928867	55922.62	56250.5	-0.48	55922.14	55922.84766	55919.70480	55921.74609	505219.9	5409227.3
L5220.0	505219.9	5409228.5	10659.70020	313.17	64.92	48.836010	-86.928867	55919.18	56250.5	-0.48	55918.70	55919.77344	55914.70200	55917.13672	505219.9	5409228.5
L5220.0	505219.9	5409229.9	10659.79981	315.57	64.92	48.836023	-86.928866	55915.93	56250.5	-0.48	55915.46	55916.90234	55915.33637	55918.17578	505219.9	5409229.9
L5220.0	505219.9	5409229.9	10659.90039	313.50	53.89	48.836023	-86.928866	55912.37	56250.5	-0.48	55911.89	55913.70313	55910.52146	55913.77344	505219.9	5409229.9
L5220.0	505220.0	5409232.7	10660.00000	314.86	53.89	48.836048	-86.928866	55908.93	56250.5	-0.48	55908.45	55910.64453	55910.03787	55913.71484	505220.0	5409232.7
L5220.0	505220.0	5409232.7	10660.00000	314.86	61.54	48.836048	-86.928866	55905.26	56250.5	-0.48	55904.78	55907.35547	55906.19758	55910.30859	505220.0	5409232.7
L5220.0	505220.0	5409233.9	10660.20020	315.63	60.68	48.836058	-86.928866	55901.59	56250.5	-0.48	55901.11	55904.07422	55904.01925	55908.57422	505220.0	5409233.9
L5220.0	505220.0	5409235.1	10660.29981	315.43	60.68	48.836070	-86.928866	55897.65	56250.5	-0.48	55897.17	55900.52734	55897.47158	55902.48047	505220.0	5409235.1
L5220.0	505220.0	5409236.5	10660.40039	316.35	61.93	48.836082	-86.928866	55893.73	56250.5	-0.48	55893.25	55897.00781	55893.07224	55898.54297	505220.0	5409236.5
L5220.0	505220.0	5409236.5	10660.50000	316.01	63.5	48.836082	-86.928866	55889.56	56250.5	-0.48	55889.07	55893.22656	55884.29361	55890.23438	505220.0	5409236.5
L5220.0	505220.0	5409238.1	10660.59961	317.23	62.7	48.836097	-86.928866	55885.58	56250.5	-0.48	55885.10	55889.66016	55882.38053	55888.80078	505220.0	5409238.1

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5220.0	505220.0	5409240.0	10660.70020	316.02	62.7	48.836113	-86.928865	55881.36	56250.5	-0.48	55880.88	55885.85156	55876.29625	55883.20703	505220.0	5409240.0
L5220.0	505220.0	5409240.0	10660.79981	314.10	62.62	48.836113	-86.928865	55877.08	56250.5	-0.48	55876.60	55881.98047	55885.70985	55893.11328	505220.0	5409240.0
L5220.0	505220.0	5409241.7	10660.90039	312.53	47.78	48.836129	-86.928865	55872.56	56250.5	-0.48	55872.08	55877.87500	55878.46736	55886.37500	505220.0	5409241.7
L5220.0	505220.1	5409243.0	10661.00000	315.50	47.78	48.836141	-86.928865	55868.10	56250.5	-0.48	55867.62	55873.83203	55873.61949	55882.03516	505220.1	5409243.0
L5220.0	505220.1	5409244.3	10661.09961	315.59	59.88	48.836152	-86.928864	55863.50	56250.5	-0.48	55863.02	55869.65234	55867.61962	55876.55469	505220.1	5409244.3
L5220.0	505220.1	5409245.5	10661.20020	316.65	53.93	48.836163	-86.928864	55858.96	56250.5	-0.48	55858.48	55865.53125	55864.28087	55873.73828	505220.1	5409245.5
L5220.0	505220.1	5409246.6	10661.29981	318.56	56.69	48.836173	-86.928864	55854.14	56250.5	-0.49	55853.65	55861.12500	55856.81024	55866.79688	505220.1	5409246.6
L5220.0	505220.1	5409246.6	10661.40039	321.11	56.69	48.836173	-86.928864	55849.29	56250.5	-0.49	55848.80	55856.69531	55850.44018	55860.96484	505220.1	5409246.6
L5220.0	505220.1	5409248.0	10661.50000	324.52	56.19	48.836185	-86.928864	55844.40	56250.5	-0.49	55843.91	55852.23047	55844.85212	55855.91406	505220.1	5409248.0
L5220.0	505220.1	5409249.6	10661.59961	327.37	58.89	48.836200	-86.928864	55839.42	56250.5	-0.49	55838.93	55847.67578	55839.02414	55850.63281	505220.1	5409249.6
L5220.0	505220.1	5409250.8	10661.70020	327.52	60.5	48.836210	-86.928865	55834.26	56250.5	-0.49	55833.76	55842.92969	55830.73264	55842.89453	505220.1	5409250.8
L5220.0	505220.0	5409252.0	10661.79981	329.38	60.5	48.836222	-86.928865	55829.27	56250.5	-0.50	55828.78	55838.37500	55828.36428	55841.08203	505220.0	5409252.0
L5220.0	505220.0	5409253.2	10661.90039	330.92	60.3	48.836233	-86.928865	55824.09	56250.5	-0.50	55823.60	55833.61719	55823.30262	55836.57813	505220.0	5409253.2
L5220.0	505220.0	5409254.4	10662.00000	330.37	60.3	48.836243	-86.928866	55818.82	56250.5	-0.50	55818.32	55828.76172	55817.70351	55831.53906	505220.0	5409254.4
L5220.0	505219.9	5409255.6	10662.00000	330.37	59.42	48.836254	-86.928866	55813.42	56250.5	-0.50	55812.92	55823.78125	55811.06615	55825.46875	505219.9	5409255.6
L5220.0	505219.9	5409255.6	10662.20020	332.28	56.3	48.836254	-86.928866	55807.83	56250.5	-0.50	55807.33	55818.61328	55801.76610	55816.73438	505219.9	5409255.6
L5220.0	505219.9	5409257.2	10662.29981	331.07	56.3	48.836268	-86.928867	55802.16	56250.5	-0.50	55801.67	55813.37109	55792.52582	55808.06641	505219.9	5409257.2
L5220.0	505219.9	5409258.2	10662.40039	329.06	54.55	48.836278	-86.928867	55796.23	56250.5	-0.50	55795.74	55807.85938	55778.87151	55794.98047	505219.9	5409258.2
L5220.0	505219.8	5409259.8	10662.50000	327.94	48.66	48.836291	-86.928868	55790.10	56250.5	-0.50	55789.60	55802.12891	55762.30216	55778.98438	505219.8	5409259.8
L5220.0	505219.8	5409261.1	10662.59961	327.91	48.66	48.836304	-86.928868	55784.17	56250.5	-0.49	55783.68	55796.62109	55752.24611	55769.50000	505219.8	5409261.1
L5220.0	505219.8	5409262.0	10662.70020	327.95	47.92	48.836312	-86.928869	55778.24	56250.5	-0.49	55777.74	55791.08594	55743.24010	55761.07031	505219.8	5409262.0
L5220.0	505219.8	5409262.0	10662.79981	323.29	47.92	48.836312	-86.928869	55772.18	56250.5	-0.49	55771.69	55785.44141	55733.29187	55751.69531	505219.8	5409262.0
L5220.0	505219.7	5409263.6	10662.90039	320.78	50.32	48.836326	-86.928869	55766.26	56250.5	-0.49	55765.77	55779.91797	55727.17478	55746.14844	505219.7	5409263.6
L5220.0	505219.7	5409265.0	10663.00000	318.70	44.4	48.836338	-86.928869	55759.96	56250.5	-0.49	55759.47	55774.01172	55714.51740	55734.06250	505219.7	5409265.0
L5220.0	505219.7	5409266.3	10663.09961	317.10	46.8	48.836350	-86.928870	55753.65	56250.5	-0.49	55753.16	55768.08984	55702.70237	55722.81641	505219.7	5409266.3
L5220.0	505219.7	5409267.6	10663.20020	315.25	46.8	48.836362	-86.928870	55747.15	56250.5	-0.49	55746.66	55761.97656	55688.14491	55708.82813	505219.7	5409267.6
L5220.0	505219.7	5409268.9	10663.29981	311.27	48.68	48.836374	-86.928870	55740.72	56250.5	-0.49	55740.23	55755.92578	55675.53490	55696.78516	505219.7	5409268.9
L5220.0	505219.7	5409268.9	10663.40039	310.53	48.68	48.836374	-86.928870	55734.09	56250.5	-0.49	55733.60	55749.66797	55659.67213	55681.48047	505219.7	5409268.9
L5220.0	505219.6	5409270.4	10663.50000	310.79	57.08	48.836387	-86.928870	55727.67	56250.5	-0.49	55727.18	55743.61328	55647.66523	55670.03125	505219.6	5409270.4
L5220.0	505219.6	5409271.7	10663.59961	310.58	56.58	48.836398	-86.928870	55721.04	56250.5	-0.50	55720.54	55737.33203	55631.58045	55654.50391	505219.6	5409271.7
L5220.0	505219.6	5409273.3	10663.70020	312.28	56.58	48.836413	-86.928871	55714.56	56250.5	-0.50	55714.07	55731.21484	55618.06343	55641.53516	505219.6	5409273.3
L5220.0	505219.6	5409273.3	10663.79981	313.73	55.8	48.836413	-86.928871	55707.91	56250.5	-0.50	55707.42	55724.91016	55600.72824	55624.74609	505219.6	5409273.3
L5220.0	505219.6	5409275.1	10663.90039	315.08	49.92	48.836429	-86.928871	55701.44	56250.5	-0.50	55700.94	55718.76563	55585.49864	55610.05469	505219.6	5409275.1
L5220.0	505219.6	5409276.6	10664.00000	316.94	49.92	48.836443	-86.928871	55694.78	56250.5	-0.50	55694.28	55712.43359	55565.97892	55591.06641	505219.6	5409276.6
L5220.0	505219.6	5409276.6	10664.00000	316.94	48.18	48.836443	-86.928871	55688.54	56250.5	-0.50	55688.04	55706.51563	55552.68834	55578.30469	505219.6	5409276.6
L5220.0	505219.5	5409277.9	10664.20020	322.44	51.32	48.836454	-86.928871	55682.16	56250.5	-0.50	55681.66	55700.44922	55535.46340	55561.60156	505219.5	5409277.9
L5220.0	505219.5	5409279.3	10664.29981	323.02	51.32	48.836467	-86.928872	55675.93	56250.5	-0.50	55675.43	55694.51953	55519.40248	55546.05078	505219.5	5409279.3
L5220.0	505219.5	5409281.0	10664.40039	321.20	51.81	48.836483	-86.928872	55669.47	56250.5	-0.50	55668.97	55688.35547	55497.30124	55524.45313	505219.5	5409281.0
L5220.0	505219.5	5409281.0	10664.50000	323.05	51.81	48.836483	-86.928872	55663.26	56250.5	-0.50	55662.76	55682.42578	55477.98588	55505.63281	505219.5	5409281.0
L5220.0	505219.5	5409282.8	10664.59961	324.25	51.61	48.836499	-86.928872	55656.87	56250.5	-0.50	55656.37	55676.31250	55453.17654	55481.31250	505219.5	5409282.8
L5220.0	505219.5	5409283.9	10664.70020	324.22	50.79	48.836509	-86.928872	55650.77	56250.5	-0.50	55650.27	55670.47656	55431.85602	55460.47266	505219.5	5409283.9
L5220.0	505219.5	5409283.9	10664.79981	325.19	50.79	48.836509	-86.928872	55644.46	56250.5	-0.50	55643.96	55664.41797	55404.21194	55433.29688	505219.5	5409283.9
L5220.0	505219.5	5409285.5	10664.90039	325.12	50.79	48.836523	-86.928872	55638.59	56250.5	-0.50	55638.09	55658.78906	55383.12315	55412.66797	505219.5	5409285.5
L5220.0	505219.5	5409286.8	10665.00000	324.78	51.87	48.836534	-86.928872	55632.75	56250.5	-0.50	55632.25	55653.17969	55360.43344	55390.42578	505219.5	5409286.8
L5220.0	505219.5	5409288.3	10665.09961	324.05	49.19	48.836548	-86.928872	55627.18	56250.5	-0.50	55626.68	55647.83203	55340.83534	55371.26563	505219.5	5409288.3
L5220.0	505219.5	5409289.4	10665.20020	321.81	52.65	48.836558	-86.928872	55621.86	56250.5	-0.50	55621.36	55642.71875	55323.81391	55354.67188	505219.5	5409289.4
L5220.0	505219.5	5409289.4	10665.29981	321.95	52.65	48.836558	-86.928872	55616.58	56250.5	-0.50	55616.08	55637.63672	55304.90229	55336.17188	505219.5	5409289.4
L5220.0	505219.5	5409291.5	10665.40039	320.63	55.13	48.836576	-86.928871	55611.43	56250.5	-0.50	55610.92	55632.66016	55285.46646	55317.14063	505219.5	5409291.5
L5220.0	505219.5	5409292.2	10665.50000	319.35	52.82	48.836583	-86.928871	55606.57	56250.5	-0.51	55606.07	55627.98047	55268.99921	55301.06250	505219.5	5409292.2
L5220.0	505219.6	5409293.7	10665.59961	319.09	52.82	48.836596	-86.928871	55602.04	56250.5	-0.51	55601.53	55623.60156	55255.13723	55287.57813	505219.6	5409293.7
L5220.0	505219.6	5409293.7	10665.70020	318.50	51.98	48.836596	-86.928871	55597.72	56250.5	-0.51	55597.22	55619.43750	55241.92148	55274.72656	505219.6	5409293.7
L5220.0	505219.6	5409294.9	10665.79981	318.21	51.57	48.836607	-86.928871	55593.41	56250.5	-0.51	55592.90	55615.25000	55224.42785	55257.58594	505219.6	5409294.9
L5220.0	505219.6	5409296.4	10665.90039	317.50	54.62	48.836621	-86.928870	55589.47	56250.5	-0.51	55588.96	55611.43359	55209.75305	55243.24609	505219.6	5409296.4
L5220.0	505219.6	5409298.0	10666.00000	317.00	54.62	48.836635	-86.928870	55585.91	56250.5	-0.51	55585.40	55607.97656	55197.37480	55231.18750	505219.6	5409298.0
L5220.0	505219.7	5409299.3	10666.00000	317.00	54.48	48.836647	-86.928869	55582.73	56250.5	-0.51	55582.22	55604.89063	55186.85067	55220.97266	505219.7	5409299.3
L5220.0	505219.7	5409299.3	10666.20020	317.67	52.42	48.836647	-86.928869	55579.62	56250.5	-0.50	55579.12	55601.87500	55172.34518	55206.76563	505219.7	5409299.3
L5220.0	505219.7	5409301.1	10666.29981	317.19	52.38	48.836663	-86.928869	55577.09	56250.5	-0.50	55576.58	55599.39844	55162.23440	55196.93359	505219.7	5409301.1
L5220.0	505219.8	5409302.7	10666.40039	318.41	52.38	48.836678	-86.928868	55574.75	56250.5	-0.50	55574.25	55597.12109	55149.82797	55184.78906	505219.8	5409302.7
L5220.0	505219.8	5409302.7	10666.50000	319.15	53.64	48.836678	-86.928868	55573.00	56250.5	-0.50	55572.51	55595.42188	55141.60020	55176.80469	505219.8	5409302.7
L5220.0	505219.8	5409304.0	10666.59961	317.98	53.64	48.836689	-86.928868	55571.57	56250.5	-0.49	55571.08	55594.01563	55132.34420	55167.78516	505219.8	5409304.0
L5220.0	505219.8	5409305.5	10666.70020	316.87	52.29	48.836703	-86.928867	55570.59	56250.5	-0.49	55570.10	55593.04688	55124.38417	55160.04297	505219.8	5409305.5
L5220.0	505219.8	5409306.7	10666.79981	317.92	50.98	48.836713	-86.928867	55569.98	56250.5	-0.49	55569.50	55592.44141	55116.45034	55152.30859	505219.8	5409306.7
L5220.0	505219.9	5409308.3	10666.90039	317.94	50.98	48.836728	-86.928867	55569.89	56250.5	-0.48	55569.41	55592.33203	55110.71117	55146.75000	505219.9	5409308.3
L5220.0	505219.9	5409308.3	10667.00000	319.75	49.28	48.836728	-86.928867	55570.14	56250.5	-0.48	55569.66	55592.55078	55104.15551	55140.36328	505219.9	5409308.3
L5220.0	505219.9	5409309.6	10667.09961	320.13	46.09	48.836740	-86.928866	55570.80	56250.5	-0.48	55570.31	55593.15234	55097.82763	55134.18750	505219.9	5409309.6
L5220.0	505219.9	5409311.0	10667.20020	320.02	46.09	48.836752	-86.928866	55571.94	56250.5	-0.48	55571.46	55594.24219	55093.37157	55129.86719	505219.9	5409311.0
L5220.0	505219.9	5409311.0	10667.29981	318.35	51.91	48.836752	-86.928866	55573.45	56250.5	-0.49	55572.96	55595.66797	55088.13986	55124.75000	505219.9	5409311.0
L5220.0	505219.9	5409312.3	10667.40039	316.92	52.97	48.836764	-86.928866	55575.46	56250.5	-0.49	55574.97	55597.58594	55084.88608	55121.59375	505219.9	5409312.3
L5220.0	505219.9	5409313.9	10667.50000	316.82	52.97	48.836778	-86.928866	55577.79	56250.5	-0.49	55577.30	55599.81250	55080.25965	55117.05078	505219.9	5409313.9
L5220.0	505219.9	5409314.8	10667.59961	317.80	49.32	48.836786	-86.928866	55580.67	56250.5	-0.49	55580.18	55602.57422	55078.24797	55115.10547	505219.9	5409314.8
L5220.0	505219.9	5409316.3	10667.70020	319.08	49.32	48.836799	-86.928866	55583.91	56250.5	-0.49	55583.41	55605.67188	55075.36123	55112.26953	505219.9	5409316.3
L5220.0	505219.9	5409317.8	10667.79981	317.98	49.58	48.836814	-86.928866	55587.79	56250.5	-0.50	55587.29	55609.40234	55076.86372	55113.80469	505219.9	5409317.8
L5220.0	505219.9	5409319.0	10667.90039	316.88	51.27	48.836825	-86.928866	55591.98	56250.5	-0.50	55591.48	55613.42969	55076.77152	55113.72266	505219.9	5409319.0
L5220.0	505219.9	5409319.0	10668.00000	316.01	49.95	48.836825	-86.928866	55596.70	56250.5	-0.50	55596.20	55617.97266	55079.00642	55115.95313	505219.9	5409319.0
L5220.0	505219.9	5409320.3	10668.00000	316.01	49.95	48.836836	-86.928866	55601.88	56250.5	-0.50	55601.38	55622.96484	55082.39158	55119.31641	505219.9	5409320.3
L5220.0	505219.9	5409321.6	10668.20020	318.41	51.11	48.836847	-86.928866	55607.66	56250.5	-0.50	55607.16	55628.54297	55089.50435	55126.39453	505219.9	5409321.6
L5220.0	505219.9	5409323.0	10668.29981	317.83	51.55	48.836860	-86.928866	55613.82	56250.5	-0.50	55613.32	55634.48438	55096.53494	55133.36719	505219.9	5409323.0
L5220.0	505219.9	5409323.0	10668.40039	319.34	51.55	48.836860	-86.928866	55620.46	56250.5	-0.50	55619.96	55640.89063	55105.39668	55142.15625	505219.9	5409323.0
L5220.0	505219.9	5409324.5	10668.50000	317.61	51.76	48.836874	-86.928866	55627.56	56250.5	-0.49	55627.07	55647.75391	55116.06428	55152.73047	505219.9	5409324.5
L5220.0	505219.9	5409325.8	10668.59961	317.65	51.76	48.836886	-86.928866	55635.10	56250.5	-0.49	55634.60	55655.02734	55127.80173	55164.36328	505219.9	5409325.8
L5220.0	505219.9	5409327.4	10668.70020	318.53	38.65	48.836900	-86.928866	55643.18	56250.5	-0.49	55642.69	55662.84766	55143.34918	55179.78906	505219.9	5409327.4
L5220.0	505219.9	5409327.4	10668.79981	316.85	36.97	48.836900	-86.928866	55651.73	56250.5	-0.49	55651.24	55671.10938	55161.14870	55197.44531	505219.9	5409327.4
L5220.0	505219.9	5409328.8	10668.90039	318.58	43.03	48.836912	-86.928866	55660.71	56250.5	-0.49	55660.22	55679.79297	55180.91530	55217.05078	505219.9	5409328.8
L5220.0	505219.9	5409330.2	10669.00000	319.87	43.03	48.836925	-86.928866	55670.03	56250.5	-0.49	55669.54	55688.80078	55201.25113	55237.21094	505219.9	5409330.2
L5220.0	505219.9	5409331.7	10669.09961	320.46	45.19	48.836938	-86.928866	55679.78	56250.5	-0.49	55679.29	55698.22656	55224.09824	55259.87109	505219.9	5409331.7
L5220.0	505219.9	5409332.8	10669.20020	319.20	45.19	48.836948	-86.928866	55689.82	56250.5	-0.49	55689.33	55707.93359	55247.14076	55282.70703	505219.9	5409332.8
L5220.0	505219.9	5409333.9	10669.29981	319.60	47.39	48.836958	-86.928866	55700.30	56250.5	-0.49	55699.81	55718.06641	55273.45880	55308.80078	505219.9	5409333.9
L5220.0	505219.9	5409335.2	10669.40039	321.06	49.22	48.836970	-86.928866	55711.18	56250.5	-0.49	55710.69	55728.58594	55302.61087	55337.71094	505219.9	5409335.2
L5220.0	505219.9	5409335.2	10669.50000	319.81	48.87	48.836970	-86.928866	55722.43	56250.5	-0.49	55721.95	55739.47266	55334.52859	55369.37109	505219.9	5409335.2
L5220.0	505219.9	5409337.0	10669.59961	321.37	48.83	48.836986	-86.928866	55733.92	56250.5	-0.48	55733.43	55750.57031	55366.49494	55401.06641	505219.9	5409337.0
L5220.0	505219.9	5409338.2	10669.70020	319.94	48.83	48.836997	-86.928866	55745.73	56250.5	-0.48	55745.24	55761.98828	55400.90025	55435.18750	505219.9	5409338.2
L5220.0	505219.9	5409339.7	10669.79981	322.72	47.31	48.837010	-86.928866	55757.74	56250.5	-0.48	55757.26	55773.60156	55435.77721	55469.76172	505219.9	5409339.7
L5220.0	505219.9	5409340.9	10669.90039	320.59	47.31	48.837021	-86.928866	55770.09	56250.5	-0.48	55769.61	55785.53516	55473.67443	55507.33984	505219.9	5409340.9

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5220.0	505219.9	5409342.1	10670.00000	319.45	50.49	48.837032	-86.928866	55782.61	56250.5	-0.48	55782.13	55797.62891	55511.82891	55545.16406	505219.9	5409342.1
L5220.0	505219.9	5409342.1	10670.00000	319.45	48.83	48.837032	-86.928866	55795.36	56250.5	-0.48	55794.88	55809.94531	55551.67913	55584.66797	505219.9	5409342.1
L5220.0	505219.9	5409343.6	10670.09961	320.15	48.83	48.837046	-86.928866	55808.34	56250.5	-0.49	55807.85	55822.47266	55593.32949	55625.96094	505219.9	5409343.6
L5220.0	505219.9	5409345.0	10670.20020	320.75	50.37	48.837058	-86.928866	55821.41	56250.5	-0.49	55820.92	55835.08594	55634.80358	55667.06250	505219.9	5409345.0
L5220.0	505219.9	5409345.0	10670.40039	320.06	51.63	48.837058	-86.928866	55834.56	56250.5	-0.50	55834.06	55847.76172	55675.84464	55707.71484	505219.9	5409345.0
L5220.0	505219.9	5409346.5	10670.50000	319.50	48.53	48.837072	-86.928866	55847.84	56250.5	-0.51	55847.34	55860.57031	55718.10313	55749.57422	505219.9	5409346.5
L5220.0	505219.9	5409348.2	10670.59961	320.11	48.53	48.837087	-86.928865	55861.22	56250.5	-0.51	55860.71	55873.45703	55760.94605	55792.00391	505219.9	5409348.2
L5220.0	505219.9	5409348.2	10670.70020	320.73	48.89	48.837087	-86.928865	55874.50	56250.5	-0.51	55873.99	55886.25000	55801.27801	55831.91406	505219.9	5409348.2
L5220.0	505219.9	5409349.9	10670.79981	320.77	48.89	48.837103	-86.928865	55887.93	56250.5	-0.52	55887.41	55899.17188	55843.79220	55873.99219	505219.9	5409349.9
L5220.0	505220.0	5409350.8	10670.90039	319.57	47.48	48.837111	-86.928865	55901.27	56250.5	-0.53	55900.74	55912.00000	55884.45504	55914.20313	505220.0	5409350.8
L5220.0	505220.0	5409352.0	10671.00000	317.63	44.79	48.837121	-86.928865	55914.52	56250.5	-0.53	55913.99	55924.73828	55923.79187	55953.07813	505220.0	5409352.0
L5220.0	505220.0	5409353.6	10671.09961	315.24	43.51	48.837136	-86.928864	55927.75	56250.5	-0.52	55927.22	55937.44922	55963.26711	55992.08594	505220.0	5409353.6
L5220.0	505220.0	5409355.2	10671.20020	317.81	43.51	48.837150	-86.928864	55940.88	56250.5	-0.52	55940.36	55950.06641	56001.88702	56030.22656	505220.0	5409355.2
L5220.0	505220.0	5409355.2	10671.29981	319.73	47.22	48.837150	-86.928864	55953.88	56250.5	-0.51	55953.37	55962.54688	56039.22357	56067.07031	505220.0	5409355.2
L5220.0	505220.0	5409356.5	10671.40039	319.66	48.07	48.837161	-86.928864	55966.65	56250.5	-0.51	55966.15	55974.78906	56073.71703	56101.05859	505220.0	5409356.5
L5220.0	505220.0	5409357.8	10671.50000	318.59	48.07	48.837173	-86.928864	55979.27	56250.5	-0.50	55978.77	55986.86719	56106.99601	56133.82813	505220.0	5409357.8
L5220.0	505220.0	5409357.8	10671.59961	319.27	48.56	48.837173	-86.928864	55991.74	56250.5	-0.49	55991.25	55998.80078	56139.73513	56166.04688	505220.0	5409357.8
L5220.0	505220.0	5409359.6	10671.70020	318.72	48.16	48.837190	-86.928863	56004.02	56250.5	-0.49	56003.53	56010.53125	56171.09593	56196.88281	505220.0	5409359.6
L5220.0	505220.1	5409361.0	10671.79981	319.09	48.16	48.837202	-86.928863	56015.97	56250.5	-0.48	56015.49	56021.93750	56199.09656	56224.34375	505220.1	5409361.0
L5220.0	505220.1	5409361.0	10671.90039	319.92	46.39	48.837202	-86.928863	56027.76	56250.5	-0.48	56027.29	56033.17578	56226.98494	56251.68750	505220.1	5409361.0
L5220.0	505220.1	5409362.8	10672.00000	320.78	46.39	48.837218	-86.928863	56039.36	56250.5	-0.47	56038.89	56044.21484	56254.24264	56278.39063	505220.1	5409362.8
L5220.0	505220.1	5409363.8	10672.00000	320.78	45.05	48.837227	-86.928863	56050.38	56250.5	-0.47	56049.91	56054.67188	56273.94064	56297.53125	505220.1	5409363.8
L5220.0	505220.1	5409365.3	10672.20020	322.62	45.05	48.837241	-86.928863	56061.21	56250.5	-0.48	56060.73	56064.92188	56293.38484	56316.41406	505220.1	5409365.3
L5220.0	505220.1	5409366.8	10672.29981	319.99	44.73	48.837254	-86.928862	56071.90	56250.5	-0.48	56071.42	56075.04297	56314.05251	56336.50781	505220.1	5409366.8
L5220.0	505220.1	5409366.8	10672.40039	316.85	46.84	48.837254	-86.928862	56082.25	56250.5	-0.49	56081.76	56084.80859	56331.96446	56353.83984	505220.1	5409366.8
L5220.0	505220.1	5409368.3	10672.50000	318.66	47	48.837267	-86.928862	56092.29	56250.5	-0.49	56091.80	56094.27734	56348.19963	56369.49219	505220.1	5409368.3
L5220.0	505220.1	5409369.5	10672.59961	318.87	47	48.837279	-86.928862	56102.00	56250.5	-0.49	56101.51	56103.41016	56362.32797	56383.03516	505220.1	5409369.5
L5220.0	505220.1	5409370.6	10672.70020	319.00	43.75	48.837288	-86.928862	56111.39	56250.5	-0.50	56110.89	56112.21875	56374.46062	56394.57813	505220.1	5409370.6
L5220.0	505220.1	5409372.2	10672.79981	318.45	45.27	48.837303	-86.928862	56120.44	56250.5	-0.50	56119.94	56120.69141	56384.70147	56404.22266	505220.1	5409372.2
L5220.0	505220.2	5409373.2	10672.90039	318.84	45.27	48.837312	-86.928862	56129.14	56250.5	-0.51	56128.64	56128.81250	56392.76736	56411.68750	505220.2	5409373.2
L5220.0	505220.2	5409374.7	10673.00000	320.14	45.69	48.837325	-86.928861	56137.57	56250.5	-0.51	56137.06	56136.65625	56400.05749	56418.37109	505220.2	5409374.7
L5220.0	505220.2	5409376.0	10673.09961	320.51	47.45	48.837337	-86.928861	56145.71	56250.5	-0.51	56145.20	56144.22266	56406.63818	56424.34766	505220.2	5409376.0
L5220.0	505220.2	5409377.2	10673.20020	320.13	47.45	48.837348	-86.928861	56153.48	56250.5	-0.51	56152.97	56151.41797	56410.88514	56427.98828	505220.2	5409377.2
L5220.0	505220.2	5409377.2	10673.29981	318.21	47.6	48.837348	-86.928861	56161.09	56250.5	-0.51	56160.57	56158.44531	56416.57714	56433.07031	505220.2	5409377.2
L5220.0	505220.2	5409379.2	10673.40039	319.39	47.6	48.837366	-86.928861	56168.18	56250.5	-0.51	56167.67	56164.97266	56417.58265	56433.46094	505220.2	5409379.2
L5220.0	505220.2	5409380.4	10673.50000	319.00	49.48	48.837376	-86.928860	56175.15	56250.5	-0.51	56174.63	56171.36328	56420.62919	56435.89453	505220.2	5409380.4
L5220.0	505220.2	5409380.4	10673.59961	320.39	46.27	48.837376	-86.928860	56181.59	56250.5	-0.52	56181.07	56177.23438	56418.64939	56433.30078	505220.2	5409380.4
L5220.0	505220.3	5409381.9	10673.70020	321.23	46.75	48.837390	-86.928860	56187.72	56250.5	-0.52	56187.21	56182.80859	56415.73253	56429.77344	505220.3	5409381.9
L5220.0	505220.3	5409383.4	10673.79981	320.91	46.75	48.837403	-86.928860	56193.62	56250.5	-0.52	56193.10	56188.13672	56412.78611	56426.21094	505220.3	5409383.4
L5220.0	505220.3	5409384.8	10673.90039	319.05	45.99	48.837416	-86.928860	56199.31	56250.5	-0.52	56198.79	56193.26953	56410.69759	56423.50391	505220.3	5409384.8
L5220.0	505220.3	5409386.0	10674.00000	318.66	45.99	48.837427	-86.928860	56204.76	56250.5	-0.52	56204.24	56198.16406	56408.67895	56420.87109	505220.3	5409386.0
L5220.0	505220.3	5409387.3	10674.00000	318.66	46.86	48.837439	-86.928859	56209.95	56250.5	-0.52	56209.43	56202.80078	56406.31002	56417.89063	505220.3	5409387.3
L5220.0	505220.3	5409387.3	10674.20020	319.43	47.69	48.837439	-86.928859	56214.82	56250.5	-0.52	56214.30	56207.12500	56402.42676	56413.39844	505220.3	5409387.3
L5220.0	505220.3	5409389.3	10674.29981	317.66	47.69	48.837457	-86.928859	56219.68	56250.5	-0.53	56219.15	56211.42969	56402.46864	56412.82813	505220.3	5409389.3
L5220.0	505220.3	5409389.3	10674.40039	318.05	45.07	48.837457	-86.928859	56224.11	56250.5	-0.53	56223.58	56215.32031	56398.99995	56408.75000	505220.3	5409389.3
L5220.0	505220.3	5409392.0	10674.50000	317.59	45.07	48.837481	-86.928859	56228.45	56250.5	-0.53	56227.92	56219.12891	56397.98336	56407.12891	505220.3	5409392.0
L5220.0	505220.3	5409392.0	10674.59961	317.37	42.09	48.837481	-86.928859	56232.48	56250.5	-0.53	56231.95	56222.62891	56395.27815	56403.82422	505220.3	5409392.0
L5220.0	505220.3	5409393.5	10674.70020	318.36	42.09	48.837494	-86.928859	56236.46	56250.5	-0.53	56235.93	56226.08594	56395.54473	56403.49219	505220.3	5409393.5
L5220.0	505220.4	5409394.9	10674.79981	318.92	40.16	48.837507	-86.928859	56240.16	56250.5	-0.54	56239.63	56229.26953	56394.44725	56401.79688	505220.4	5409394.9
L5220.0	505220.4	5409394.9	10674.90039	322.21	43.33	48.837507	-86.928859	56243.61	56250.5	-0.54	56243.07	56232.19922	56392.22580	56398.98047	505220.4	5409394.9
L5220.0	505220.4	5409396.6	10675.00000	322.01	43.33	48.837522	-86.928859	56246.91	56250.5	-0.54	56246.37	56234.99219	56390.95832	56397.12500	505220.4	5409396.6
L5220.0	505220.4	5409397.5	10675.09961	322.52	44	48.837531	-86.928859	56250.06	56250.5	-0.54	56249.52	56237.64453	56390.32997	56395.91016	505220.4	5409397.5
L5220.0	505220.4	5409398.9	10675.20020	322.35	42.83	48.837543	-86.928858	56252.96	56250.5	-0.54	56252.42	56240.05469	56388.35816	56393.35938	505220.4	5409398.9
L5220.0	505220.4	5409400.3	10675.29981	320.67	42.83	48.837556	-86.928858	56255.70	56250.5	-0.54	56255.16	56242.30859	56386.56545	56390.99219	505220.4	5409400.3
L5220.0	505220.4	5409401.8	10675.40039	318.92	40.62	48.837569	-86.928858	56258.42	56250.5	-0.54	56257.88	56244.54688	56387.42512	56391.27734	505220.4	5409401.8
L5220.0	505220.4	5409401.8	10675.50000	319.29	45.45	48.837569	-86.928858	56260.96	56250.5	-0.54	56260.42	56246.61719	56387.84014	56391.12891	505220.4	5409401.8
L5220.0	505220.4	5409403.3	10675.59961	318.88	45.45	48.837582	-86.928858	56263.28	56250.5	-0.54	56262.74	56248.47266	56386.93266	56389.66016	505220.4	5409403.3
L5220.0	505220.4	5409404.4	10675.70020	319.99	45.82	48.837593	-86.928858	56265.54	56250.5	-0.54	56265.00	56250.27734	56387.55312	56389.72656	505220.4	5409404.4
L5220.0	505220.4	5409406.0	10675.79981	320.01	45.82	48.837607	-86.928858	56267.49	56250.5	-0.54	56266.95	56251.78125	56384.85301	56386.48047	505220.4	5409406.0
L5220.0	505220.3	5409407.6	10675.90039	319.85	46.72	48.837621	-86.928859	56269.42	56250.5	-0.54	56268.88	56253.26953	56384.15608	56385.23828	505220.3	5409407.6
L5220.0	505220.3	5409407.6	10676.00000	315.97	46.72	48.837621	-86.928859	56271.15	56250.5	-0.54	56270.61	56254.56641	56381.92418	56382.46875	505220.3	5409407.6
L5220.0	505220.3	5409409.2	10676.00000	315.97	46.59	48.837636	-86.928859	56272.95	56250.5	-0.54	56272.41	56255.94141	56383.16511	56383.17969	505220.3	5409409.2
L5220.0	505220.3	5409410.6	10676.20020	316.17	45.93	48.837648	-86.928859	56274.57	56250.5	-0.54	56274.03	56257.14453	56382.99994	56382.49219	505220.3	5409410.6
L5220.0	505220.3	5409410.6	10676.29981	318.43	46.68	48.837648	-86.928859	56276.31	56250.5	-0.54	56275.76	56258.46875	56386.85911	56385.83594	505220.3	5409410.6
L5220.0	505220.3	5409412.6	10676.40039	320.01	46.68	48.837666	-86.928859	56277.66	56250.5	-0.54	56277.12	56259.42969	56385.41715	56383.87891	505220.3	5409412.6
L5220.0	505220.3	5409413.5	10676.50000	321.71	45.29	48.837674	-86.928859	56278.95	56250.5	-0.54	56278.41	56260.32813	56384.30430	56382.26563	505220.3	5409413.5
L5220.0	505220.3	5409414.7	10676.59961	319.92	45.37	48.837685	-86.928859	56280.16	56250.5	-0.54	56279.62	56261.15625	56383.21806	56380.68359	505220.3	5409414.7
L5220.0	505220.3	5409415.9	10676.70020	319.70	45.37	48.837696	-86.928859	56281.34	56250.5	-0.54	56280.80	56261.96094	56383.01599	56379.99219	505220.3	5409415.9
L5220.0	505220.3	5409416.8	10676.79981	320.55	39.96	48.837704	-86.928859	56282.38	56250.5	-0.54	56281.84	56262.63672	56381.47131	56377.96875	505220.3	5409416.8
L5220.0	505220.3	5409418.2	10676.90039	321.10	39.58	48.837716	-86.928859	56283.45	56250.5	-0.54	56282.90	56263.34375	56381.57908	56377.60156	505220.3	5409418.2
L5220.0	505220.3	5409419.4	10677.00000	321.17	39.58	48.837728	-86.928859	56284.23	56250.5	-0.54	56283.69	56263.78516	56377.66648	56373.22266	505220.3	5409419.4
L5220.0	505220.4	5409420.7	10677.09961	320.85	41.76	48.837739	-86.928858	56284.96	56250.5	-0.54	56284.42	56264.17969	56373.71364	56368.81250	505220.4	5409420.7
L5220.0	505220.4	5409420.7	10677.20020	318.43	42.7	48.837739	-86.928858	56285.64	56250.5	-0.54	56285.10	56264.53125	56369.84282	56364.48828	505220.4	5409420.7
L5220.0	505220.4	5409423.0	10677.29981	319.24	42.7	48.837759	-86.928858	56286.43	56250.5	-0.55	56285.89	56265.00391	56369.04913	56363.25391	505220.4	5409423.0
L5220.0	505220.4	5409423.0	10677.40039	320.35	40.6	48.837759	-86.928858	56287.13	56250.5	-0.55	56286.58	56265.38281	56367.23681	56361.00391	505220.4	5409423.0
L5220.0	505220.4	5409424.2	10677.50000	321.18	41.76	48.837771	-86.928858	56287.68	56250.6	-0.55	56287.13	56265.63281	56363.59103	56356.92969	505220.4	5409424.2
L5220.0	505220.4	5409425.8	10677.59961	320.87	41.76	48.837785	-86.928858	56288.20	56250.6	-0.55	56287.65	56265.85938	56360.15822	56353.08203	505220.4	5409425.8
L5220.0	505220.4	5409427.2	10677.70020	320.11	38.62	48.837798	-86.928857	56288.73	56250.6	-0.55	56288.18	56266.10938	56357.64048	56350.15234	505220.4	5409427.2
L5220.0	505220.4	5409428.1	10677.79981	319.90	38.62	48.837806	-86.928857	56289.16	56250.6	-0.56	56288.61	56266.26563	56353.90316	56346.01172	505220.4	5409428.1
L5220.0	505220.4	5409428.1	10677.90039	319.51	40.36	48.837806	-86.928857	56289.68	56250.6	-0.56	56289.12	56266.51172	56352.29305	56344.00391	505220.4	5409428.1
L5220.0	505220.4	5409429.9	10678.00000	318.88	39.02	48.837821	-86.928857	56290.03	56250.6	-0.56	56289.47	56266.60938	56348.23489	56339.55859	505220.4	5409429.9
L5220.0	505220.5	5409431.0	10678.00000	318.88	39.02	48.837832	-86.928857	56290.39	56250.6	-0.56	56289.83	56266.72266	56344.88486	56335.83203	505220.5	5409431.0
L5220.0	505220.5	5409432.5	10678.20020	317.32	42.25	48.837845	-86.928857	56290.68	56250.6	-0.56	56290.11	56266.76563	56340.50469	56331.08203	505220.5	5409432.5
L5220.0	505220.5	5409433.8	10678.29981	318.33	43.71	48.837857	-86.928857	56291.05	56250.6	-0.57	56290.48	56266.91016	56338.24349	56328.45703	505220.5	5409433.8
L5220.0	505220.5	5409435.2	10678.40039	319.96	43.71	48.837870	-86.928856	56291.16	56250.6	-0.57	56290.59	56266.80078	56331.47180	56321.33203	505220.5	5409435.2
L5220.0	505220.5	5409436.3	10678.50000	318.70	43.91	48.837879	-86.928856	56291.54	56250.6	-0.57	56290.97	56266.97266	56330.12118	56319.63281	505220.5	5409436.3
L5220.0	505220.5	5409436.3	10678.59961	317.96	43.23	48.837879	-86.928856	56291.74	56250.6	-0.57	56291.17	56266.97266	56325.66885	56314.84375	505220.5	5409436.3
L5220.0	505220.5	5409437.9	10678.70020	319.50	43.23	48.837894	-86.928856	56292.05	56250.6	-0.57	56291.47	56267.08594	56323.35936	56312.20313	505220.5	5409437.9
L5220.0	505220.5	5409439.5	10678.79981	319.85	42.91	48.837908	-86.928856	56292.31	56250.6	-0.58	56291.73	56267.16406	56320.50135	56309.02344	505220.5	5409439.5
L5220.0	505220.5	5409440.6	10678.90039	318.87	36.24	48.837918	-86.928856	56292.64	56250.6	-0.58	56292.06	56267.32031	56319.16375	56307.37109	505220.5	5409440.6
L5220.0	505220.5	5409442.1	10679.00000	318.96	36.24	48.837932	-86.928856	56292.86	56250.6	-0.58	56292.28	56267.37500	56315.85706	56303.75781	505220.5	5409442.1
L5220.0	505220.5	5409442.1	10679.09961	321.32	42.83	48.837932	-86.928856	56293.18	56250.6	-0.58	56292.60	56267.54297	56314.60213	56302.20703	505220.5	5409442.1
L5220.0	505220.5	5409443.3	10679.20020	323.87	43.76	48.837942	-86.928856	56293.45	56250.6	-0.58	56292.88	56267.67578	56312.66785	56299.98047	505220.5	5409443.3

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5220.0	505220.5	5409444.4	10679.29981	325.17	43.74	48.837952	-86.928856	56293.89	56250.6	-0.58	56293.31	56267.96875	56313.76421	56300.79297	505220.5	5409444.4
L5220.0	505220.5	5409445.7	10679.40039	325.87	43.74	48.837964	-86.928856	56294.32	56250.6	-0.58	56293.74	56268.26953	56314.95062	56301.70313	505220.5	5409445.7
L5220.0	505220.5	5409447.1	10679.50000	327.63	40.9	48.837977	-86.928856	56294.60	56250.6	-0.57	56294.03	56268.43750	56313.40921	56299.89453	505220.5	5409447.1
L5220.0	505220.5	5409447.1	10679.59961	325.21	43.12	48.837977	-86.928856	56294.78	56250.6	-0.57	56294.20	56268.49609	56309.47127	56295.69922	505220.5	5409447.1
L5220.0	505220.5	5409449.1	10679.70020	322.70	43.12	48.837994	-86.928856	56295.08	56250.6	-0.57	56294.51	56268.70313	56308.33653	56294.31250	505220.5	5409449.1
L5220.0	505220.5	5409450.2	10679.79981	323.13	43.12	48.838004	-86.928856	56295.34	56250.6	-0.57	56294.77	56268.86719	56306.17672	56291.90625	505220.5	5409450.2
L5220.0	505220.5	5409451.6	10679.90039	321.61	44.46	48.838017	-86.928856	56295.81	56250.6	-0.57	56295.23	56269.23828	56308.06778	56293.55859	505220.5	5409451.6
L5220.0	505220.5	5409453.1	10680.00000	321.99	44.46	48.838030	-86.928856	56296.10	56250.6	-0.57	56295.53	56269.45703	56306.67303	56291.93359	505220.5	5409453.1
L5220.0	505220.5	5409453.1	10680.00000	321.99	42.91	48.838030	-86.928856	56296.46	56250.6	-0.57	56295.89	56269.74609	56306.46656	56291.50781	505220.5	5409453.1
L5220.0	505220.5	5409454.3	10680.20020	321.43	44.89	48.838042	-86.928856	56296.88	56250.6	-0.58	56296.30	56270.09375	56307.24224	56292.06641	505220.5	5409454.3
L5220.0	505220.5	5409455.7	10680.29981	323.37	44.73	48.838054	-86.928856	56297.13	56250.6	-0.58	56296.55	56270.28516	56304.66698	56289.28125	505220.5	5409455.7
L5220.0	505220.5	5409456.9	10680.40039	322.71	44.87	48.838065	-86.928856	56297.56	56250.6	-0.58	56296.98	56270.66797	56305.73470	56290.14844	505220.5	5409456.9
L5220.0	505220.5	5409458.1	10680.50000	320.12	44.14	48.838076	-86.928857	56297.89	56250.6	-0.58	56297.31	56270.95703	56304.66793	56288.88672	505220.5	5409458.1
L5220.0	505220.4	5409459.6	10680.59961	321.46	44.14	48.838089	-86.928857	56298.43	56250.6	-0.59	56297.85	56271.46484	56307.84949	56291.88281	505220.4	5409459.6
L5220.0	505220.4	5409460.8	10680.70020	321.88	32.91	48.838100	-86.928857	56298.88	56250.6	-0.59	56298.29	56271.87891	56308.87808	56292.73047	505220.4	5409460.8
L5220.0	505220.4	5409462.0	10680.79981	321.85	32.91	48.838110	-86.928857	56299.30	56250.6	-0.59	56298.70	56272.26953	56309.19209	56292.87109	505220.4	5409462.0
L5220.0	505220.4	5409463.2	10680.90039	323.35	44.59	48.838121	-86.928857	56299.68	56250.6	-0.60	56299.08	56272.63672	56308.78922	56292.30078	505220.4	5409463.2
L5220.0	505220.4	5409463.2	10681.00000	324.50	42.14	48.838121	-86.928857	56300.16	56250.6	-0.60	56299.56	56273.11328	56310.32687	56293.67578	505220.4	5409463.2
L5220.0	505220.4	5409464.6	10681.09961	322.84	42.14	48.838134	-86.928857	56300.55	56250.6	-0.60	56299.95	56273.50391	56309.91156	56293.10547	505220.4	5409464.6
L5220.0	505220.4	5409465.6	10681.20020	321.32	39.08	48.838143	-86.928857	56300.90	56250.6	-0.60	56300.30	56273.86328	56308.57318	56291.62109	505220.4	5409465.6
L5220.0	505220.4	5409467.2	10681.29981	321.20	33.98	48.838158	-86.928857	56301.37	56250.6	-0.60	56300.77	56274.35156	56309.55508	56292.46094	505220.4	5409467.2
L5220.0	505220.4	5409468.5	10681.40039	322.08	31.37	48.838169	-86.928857	56302.10	56250.6	-0.60	56301.50	56275.10547	56315.64834	56298.41797	505220.4	5409468.5
L5220.0	505220.4	5409469.8	10681.50000	320.41	31.37	48.838181	-86.928857	56302.64	56250.6	-0.60	56302.04	56275.67188	56317.75903	56300.40234	505220.4	5409469.8
L5220.0	505220.4	5409470.7	10681.59961	320.10	31.37	48.838189	-86.928857	56303.23	56250.6	-0.60	56302.63	56276.30078	56320.72799	56303.25000	505220.4	5409470.7
L5220.0	505220.4	5409472.0	10681.70020	320.46	43.67	48.838200	-86.928857	56303.67	56250.6	-0.60	56303.07	56276.78125	56320.56336	56302.96875	505220.4	5409472.0
L5220.0	505220.4	5409472.0	10681.79981	322.41	43.37	48.838200	-86.928857	56304.35	56250.6	-0.60	56303.75	56277.50781	56325.03000	56307.32422	505220.4	5409472.0
L5220.0	505220.4	5409473.6	10681.90039	322.02	43.37	48.838215	-86.928857	56304.79	56250.6	-0.60	56304.19	56278.00391	56324.60032	56306.79297	505220.4	5409473.6
L5220.0	505220.4	5409475.1	10682.00000	323.04	34.03	48.838229	-86.928857	56305.35	56250.6	-0.60	56304.75	56278.62500	56326.40982	56308.50391	505220.4	5409475.1
L5220.0	505220.4	5409476.1	10682.00000	323.04	43.42	48.838237	-86.928857	56305.81	56250.6	-0.60	56305.21	56279.15234	56326.12818	56308.13281	505220.4	5409476.1
L5220.0	505220.4	5409477.3	10682.20020	319.18	42.45	48.838248	-86.928856	56306.44	56250.6	-0.60	56305.84	56279.85547	56329.04769	56310.96484	505220.4	5409477.3
L5220.0	505220.5	5409478.8	10682.29981	319.39	44.26	48.838261	-86.928856	56306.88	56250.6	-0.59	56306.28	56280.37500	56328.14152	56309.98047	505220.5	5409478.8
L5220.0	505220.5	5409480.0	10682.40039	319.66	44.26	48.838273	-86.928856	56307.41	56250.6	-0.59	56306.82	56281.00000	56329.07089	56310.83594	505220.5	5409480.0
L5220.0	505220.5	5409480.0	10682.50000	319.94	44.35	48.838273	-86.928856	56307.89	56250.6	-0.59	56307.30	56281.57031	56328.72998	56310.42578	505220.5	5409480.0
L5220.0	505220.5	5409481.7	10682.59961	318.43	42.93	48.838288	-86.928856	56308.43	56250.6	-0.59	56307.85	56282.21484	56329.64190	56311.27734	505220.5	5409481.7
L5220.0	505220.5	5409483.1	10682.70020	319.72	42.93	48.838300	-86.928856	56308.94	56250.6	-0.59	56308.35	56282.81641	56329.48938	56311.07031	505220.5	5409483.1
L5220.0	505220.5	5409484.7	10682.79981	319.32	40.31	48.838315	-86.928855	56309.61	56250.6	-0.58	56309.03	56283.60547	56332.72141	56314.25391	505220.5	5409484.7
L5220.0	505220.5	5409486.1	10682.90039	318.80	43.79	48.838327	-86.928855	56310.19	56250.6	-0.58	56309.61	56284.29688	56333.93765	56315.42578	505220.5	5409486.1
L5220.0	505220.5	5409486.1	10683.00000	319.96	43.79	48.838327	-86.928855	56310.76	56250.6	-0.58	56310.18	56284.98438	56334.88187	56316.33203	505220.5	5409486.1
L5220.0	505220.6	5409487.5	10683.09961	318.43	38.62	48.838340	-86.928855	56311.24	56250.6	-0.58	56310.66	56285.58594	56334.00552	56315.42188	505220.6	5409487.5
L5220.0	505220.6	5409489.2	10683.20020	317.88	38.62	48.838355	-86.928854	56311.70	56250.6	-0.58	56311.11	56286.16797	56332.46309	56313.85156	505220.6	5409489.2
L5220.0	505220.6	5409490.4	10683.29981	318.31	39.72	48.838366	-86.928854	56312.21	56250.6	-0.59	56311.62	56286.80859	56332.00688	56313.37500	505220.6	5409490.4
L5220.0	505220.6	5409490.4	10683.40039	320.03	41.26	48.838366	-86.928854	56312.83	56250.6	-0.59	56312.24	56287.57031	56333.63405	56314.98828	505220.6	5409490.4
L5220.0	505220.6	5409492.0	10683.50000	319.45	41.26	48.838380	-86.928854	56313.28	56250.6	-0.59	56312.69	56288.16406	56331.84905	56313.19141	505220.6	5409492.0
L5220.0	505220.6	5409493.6	10683.59961	320.69	40.68	48.838395	-86.928854	56314.00	56250.6	-0.59	56313.40	56289.02344	56335.13422	56316.47656	505220.6	5409493.6
L5220.0	505220.6	5409494.8	10683.70020	322.24	39.67	48.838406	-86.928854	56314.61	56250.6	-0.59	56314.01	56289.78516	56336.39151	56317.73438	505220.6	5409494.8
L5220.0	505220.7	5409496.4	10683.79981	320.97	39.67	48.838420	-86.928853	56315.07	56250.6	-0.60	56314.47	56290.40625	56334.59924	56315.94922	505220.7	5409496.4
L5220.0	505220.7	5409496.4	10683.90039	319.63	41.81	48.838420	-86.928853	56315.64	56250.6	-0.60	56315.04	56291.14063	56334.94682	56316.31250	505220.7	5409496.4
L5220.0	505220.7	5409498.0	10684.00000	321.14	41.81	48.838435	-86.928853	56316.11	56250.6	-0.60	56315.51	56291.77734	56333.24042	56314.62500	505220.7	5409498.0
L5220.0	505220.7	5409499.5	10684.00000	321.14	40.59	48.838448	-86.928853	56316.63	56250.6	-0.60	56316.03	56292.47266	56332.49779	56313.90625	505220.7	5409499.5
L5220.0	505220.7	5409499.5	10684.20020	322.42	38.98	48.838448	-86.928853	56317.04	56250.6	-0.61	56316.43	56293.05078	56329.30916	56310.75000	505220.7	5409499.5
L5220.0	505220.7	5409501.1	10684.29981	322.20	40.22	48.838462	-86.928853	56317.62	56250.6	-0.61	56317.01	56293.81250	56329.73541	56311.21484	505220.7	5409501.1
L5220.0	505220.7	5409502.4	10684.40039	323.28	40.22	48.838474	-86.928853	56318.08	56250.6	-0.62	56317.46	56294.44922	56327.54715	56309.07031	505220.7	5409502.4
L5220.0	505220.7	5409503.6	10684.50000	322.94	40.35	48.838485	-86.928853	56318.54	56250.6	-0.62	56317.92	56295.10156	56325.58430	56307.15625	505220.7	5409503.6
L5220.0	505220.7	5409505.0	10684.59961	322.52	40.35	48.838498	-86.928853	56319.18	56250.6	-0.62	56318.56	56295.93750	56327.26519	56308.89063	505220.7	5409505.0
L5220.0	505220.7	5409506.6	10684.70020	322.30	42	48.838512	-86.928853	56319.76	56250.6	-0.63	56319.13	56296.71094	56327.58146	56309.26953	505220.7	5409506.6
L5220.0	505220.7	5409506.6	10684.79981	322.46	40.58	48.838512	-86.928853	56320.25	56250.6	-0.63	56319.62	56297.40625	56326.36360	56308.11719	505220.7	5409506.6
L5220.0	505220.7	5409507.9	10684.90039	320.75	37.33	48.838524	-86.928853	56320.84	56250.6	-0.64	56320.20	56298.19922	56327.00129	56308.82813	505220.7	5409507.9
L5220.0	505220.7	5409509.4	10685.00000	321.51	37.33	48.838537	-86.928853	56321.39	56250.6	-0.64	56320.75	56298.96484	56327.12334	56309.03125	505220.7	5409509.4
L5220.0	505220.7	5409510.9	10685.09961	320.24	39.88	48.838551	-86.928853	56321.98	56250.6	-0.64	56321.35	56299.78125	56328.30818	56310.30078	505220.7	5409510.9
L5220.0	505220.7	5409512.3	10685.20020	319.57	39.88	48.838563	-86.928853	56322.57	56250.6	-0.63	56321.94	56300.59766	56329.38530	56311.47266	505220.7	5409512.3
L5220.0	505220.7	5409512.3	10685.29981	318.48	38.09	48.838563	-86.928853	56323.06	56250.6	-0.63	56322.43	56301.31641	56328.63935	56310.82422	505220.7	5409512.3
L5220.0	505220.7	5409513.7	10685.40039	319.22	38.05	48.838576	-86.928853	56323.48	56250.6	-0.63	56322.86	56301.98047	56326.88049	56309.16797	505220.7	5409513.7
L5220.0	505220.6	5409515.4	10685.50000	318.46	38.05	48.838591	-86.928853	56323.90	56250.6	-0.63	56323.27	56302.62500	56324.89519	56307.29688	505220.6	5409515.4
L5220.0	505220.6	5409516.8	10685.59961	318.49	39.59	48.838603	-86.928853	56324.41	56250.6	-0.62	56323.79	56303.39063	56325.14114	56307.66016	505220.6	5409516.8
L5220.0	505220.6	5409516.8	10685.70020	318.90	39.59	48.838603	-86.928853	56325.15	56250.6	-0.62	56324.53	56304.37500	56329.64274	56312.28516	505220.6	5409516.8
L5220.0	505220.6	5409518.2	10685.79981	317.93	37.68	48.838616	-86.928854	56325.71	56250.6	-0.62	56325.10	56305.19531	56331.07909	56313.85156	505220.6	5409518.2
L5220.0	505220.6	5409519.8	10685.90039	316.66	32.77	48.838631	-86.928854	56326.40	56250.6	-0.61	56325.79	56306.14063	56334.88073	56317.78906	505220.6	5409519.8
L5220.0	505220.6	5409521.2	10686.00000	318.41	32.77	48.838643	-86.928854	56326.96	56250.6	-0.61	56326.35	56306.96094	56336.41197	56319.46484	505220.6	5409521.2
L5220.0	505220.6	5409522.7	10686.00000	318.41	35.8	48.838657	-86.928854	56327.75	56250.6	-0.61	56327.14	56308.01563	56342.33555	56325.53906	505220.6	5409522.7
L5220.0	505220.6	5409524.1	10686.20020	318.33	35.8	48.838669	-86.928854	56328.16	56250.6	-0.61	56327.55	56308.69141	56341.41716	56324.77734	505220.6	5409524.1
L5220.0	505220.6	5409524.1	10686.29981	318.40	38.02	48.838669	-86.928854	56328.70	56250.6	-0.62	56328.08	56309.49609	56342.87428	56326.39844	505220.6	5409524.1
L5220.0	505220.5	5409525.2	10686.40039	319.58	38.28	48.838679	-86.928855	56329.06	56250.6	-0.62	56328.44	56310.13281	56341.37807	56325.07422	505220.5	5409525.2
L5220.0	505220.5	5409526.4	10686.50000	320.19	38.14	48.838690	-86.928855	56329.69	56250.6	-0.62	56329.07	56311.04297	56345.00280	56328.87500	505220.5	5409526.4
L5220.0	505220.5	5409527.9	10686.59961	321.72	38.14	48.838703	-86.928855	56330.18	56250.6	-0.62	56329.56	56311.81641	56346.22187	56330.28125	505220.5	5409527.9
L5220.0	505220.5	5409529.4	10686.70020	320.31	37.78	48.838717	-86.928855	56330.84	56250.6	-0.62	56330.21	56312.75391	56350.53696	56334.78906	505220.5	5409529.4
L5220.0	505220.5	5409529.4	10686.79981	320.13	35.78	48.838717	-86.928855	56331.25	56250.6	-0.63	56330.62	56313.46094	56350.59883	56335.04688	505220.5	5409529.4
L5220.0	505220.5	5409531.0	10686.90039	319.31	35.78	48.838732	-86.928856	56331.86	56250.6	-0.63	56331.23	56314.36719	56354.47964	56339.13672	505220.5	5409531.0
L5220.0	505220.4	5409532.2	10687.00000	318.70	34.18	48.838742	-86.928856	56332.30	56250.6	-0.63	56331.67	56315.10938	56355.37273	56340.24219	505220.4	5409532.2
L5220.0	505220.4	5409533.3	10687.09961	320.02	34.18	48.838752	-86.928856	56332.88	56250.6	-0.63	56332.25	56315.99219	56358.96421	56344.05078	505220.4	5409533.3
L5220.0	505220.4	5409534.8	10687.20020	319.40	33.16	48.838766	-86.928856	56333.21	56250.6	-0.63	56332.58	56316.63281	56358.07733	56343.39453	505220.4	5409534.8
L5220.0	505220.4	5409534.8	10687.29981	319.55	35.78	48.838766	-86.928856	56333.90	56250.6	-0.63	56333.26	56317.62891	56363.72733	56349.27734	505220.4	5409534.8
L5220.0	505220.4	5409537.4	10687.40039	322.03	35.78	48.838789	-86.928856	56334.31	56250.6	-0.63	56333.68	56318.36719	56364.69953	56350.49219	505220.4	5409537.4
L5220.0	505220.4	5409537.4	10687.50000	321.44	35.68	48.838789	-86.928856	56334.83	56250.6	-0.63	56334.19	56319.19531	56367.41187	56353.45313	505220.4	5409537.4
L5220.0	505220.5	5409538.6	10687.59961	318.52	35.55	48.838800	-86.928856	56335.00	56250.6	-0.64	56334.36	56319.69141	56363.96244	56350.25781	505220.5	5409538.6
L5220.0	505220.5	5409539.8	10687.70020	318.18	35.43	48.838810	-86.928855	56335.33	56250.6	-0.64	56334.69	56320.35156	56363.51465	56350.07422	505220.5	5409539.8
L5220.0	505220.5	5409541.2	10687.79981	319.23	35.43	48.838823	-86.928855	56335.48	56250.6	-0.64	56334.84	56320.83594	56359.81143	56346.64453	505220.5	5409541.2
L5220.0	505220.5	5409541.2	10687.90039	317.89	35.09	48.838823	-86.928855	56335.79	56250.6	-0.64	56335.15	56321.48438	56359.07864	56346.18750	505220.5	5409541.2
L5220.0	505220.5	5409543.0	10688.00000	318.97	35.09	48.838840	-86.928855	56336.18	56250.6	-0.64	56335.54	56322.21484	56359.83579	56347.23047	505220.5	5409543.0
L5220.0	505220.5	5409544.4	10688.00000	318.97	31.99	48.838852	-86.928855	56336.58	56250.6	-0.64	56335.94	56322.96094	56360.77314	56348.46094	505220.5	5409544.4
L5220.0	505220.5	5409545.6	10688.20020	316.80	30.85	48.838862	-86.928855	56337.04	56250.6	-0.64	56336.40	56323.76953	56362.79683	56350.78516	505220.5	5409545.6
L5220.0	505220.5	5409547.4	10688.29981	317.91	30.85	48.838879	-86.928854	56337.30	56250.6	-0.65	56336.65	56324.37109	56360.85799	56349.15625	505220.5	5409547.4
L5220.0	505220.5	5409548.4	10688.40039	315.62	35.19	48.838888	-86.928854	56337.63	56250.6	-0.65	56336.98	56325.05859	56360.31112	56348.92188	505220.5	5409548.4
L5220.0	505220.5	5409548.4	10688.50000	316.71	35.14	48.838888	-86.928854	56337.99	56250.7	-0.65	56337.34	56325.77734	56360.20424	56349.13672	505220.5	5409548.4

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5220.0	505220.6	5409549.9	10688.59961	318.46	35.14	48.838902	-86.928854	56338.21	56250.7	-0.65	56337.56	56326.35938	56357.29679	56346.55859	505220.6	5409549.9
L5220.0	505220.6	5409551.1	10688.70020	319.17	35.67	48.838912	-86.928854	56338.65	56250.7	-0.65	56337.99	56327.15625	56358.17375	56347.77344	505220.6	5409551.1
L5220.0	505220.6	5409552.7	10688.79981	320.25	35.5	48.838927	-86.928853	56338.96	56250.7	-0.66	56338.30	56327.83594	56356.55501	56346.50000	505220.6	5409552.7
L5220.0	505220.7	5409554.1	10688.90039	319.33	35.5	48.838939	-86.928853	56339.36	56250.7	-0.66	56338.70	56328.60938	56356.40859	56346.70313	505220.7	5409554.1
L5220.0	505220.7	5409554.1	10689.00000	322.06	33.23	48.838939	-86.928853	56339.72	56250.7	-0.66	56339.06	56329.34375	56355.22032	56345.87109	505220.7	5409554.1
L5220.0	505220.7	5409555.9	10689.09961	322.82	31.68	48.838956	-86.928852	56340.13	56250.7	-0.66	56339.47	56330.13672	56354.69405	56345.71094	505220.7	5409555.9
L5220.0	505220.7	5409557.3	10689.20020	321.87	32.25	48.838968	-86.928852	56340.41	56250.7	-0.66	56339.74	56330.78906	56351.12374	56342.51172	505220.7	5409557.3
L5220.0	505220.7	5409558.7	10689.29981	321.97	32.25	48.838980	-86.928851	56340.69	56250.7	-0.66	56340.03	56331.46484	56347.57318	56339.34375	505220.7	5409558.7
L5220.0	505220.7	5409558.7	10689.40039	321.85	35.5	48.838980	-86.928851	56341.02	56250.7	-0.66	56340.36	56332.18359	56344.41371	56336.57031	505220.7	5409558.7
L5220.0	505220.8	5409560.4	10689.50000	323.81	33.66	48.838996	-86.928851	56341.31	56250.7	-0.67	56340.64	56332.85547	56339.86830	56332.41406	505220.8	5409560.4
L5220.0	505220.8	5409561.7	10689.59961	323.81	33.66	48.839007	-86.928850	56341.64	56250.7	-0.67	56340.97	56333.57813	56335.87247	56328.82031	505220.8	5409561.7
L5220.0	505220.8	5409563.3	10689.70020	322.94	33.66	48.839022	-86.928850	56342.07	56250.7	-0.67	56341.40	56334.40625	56333.39637	56326.75000	505220.8	5409563.3
L5220.0	505220.8	5409563.3	10689.79981	323.59	34.34	48.839022	-86.928850	56342.63	56250.7	-0.67	56341.97	56335.37500	56333.21918	56326.98438	505220.8	5409563.3
L5220.0	505220.9	5409564.6	10689.90039	321.54	36.19	48.839033	-86.928850	56342.96	56250.7	-0.67	56342.29	56336.09766	56327.65645	56321.83984	505220.9	5409564.6
L5220.0	505220.9	5409566.1	10690.00000	319.12	35.07	48.839047	-86.928849	56343.63	56250.7	-0.67	56342.96	56337.17188	56328.50669	56323.11719	505220.9	5409566.1
L5220.0	505220.9	5409567.4	10690.00000	319.12	35.07	48.839058	-86.928849	56344.14	56250.7	-0.67	56343.47	56338.08984	56325.71704	56320.75781	505220.9	5409567.4
L5220.0	505220.9	5409568.4	10690.20020	319.34	35.3	48.839068	-86.928849	56344.90	56250.7	-0.67	56344.23	56339.25781	56327.36356	56322.84375	505220.9	5409568.4
L5220.0	505220.9	5409569.6	10690.29981	320.38	36.27	48.839079	-86.928849	56345.54	56250.7	-0.67	56344.87	56340.30859	56326.14102	56322.06250	505220.9	5409569.6
L5220.0	505220.9	5409571.0	10690.40039	320.17	36.27	48.839091	-86.928849	56346.23	56250.7	-0.67	56345.56	56341.41016	56325.40085	56321.77344	505220.9	5409571.0
L5220.0	505220.9	5409572.3	10690.50000	318.86	32.82	48.839103	-86.928849	56346.82	56250.7	-0.67	56346.15	56342.41797	56322.17211	56319.00000	505220.9	5409572.3
L5220.0	505220.9	5409573.4	10690.59961	318.43	34.82	48.839113	-86.928849	56347.56	56250.7	-0.66	56346.89	56343.57422	56321.40796	56318.69531	505220.9	5409573.4
L5220.0	505220.9	5409573.4	10690.70020	320.30	37.2	48.839113	-86.928849	56348.07	56250.7	-0.66	56347.40	56344.50000	56315.56596	56313.32031	505220.9	5409573.4
L5220.0	505220.9	5409575.1	10690.79981	320.85	37.2	48.839128	-86.928849	56348.81	56250.7	-0.66	56348.15	56345.67188	56313.99500	56312.22266	505220.9	5409575.1
L5220.0	505220.9	5409576.2	10690.90039	323.02	36	48.839138	-86.928849	56349.49	56250.7	-0.66	56348.83	56346.77344	56310.53405	56309.23828	505220.9	5409576.2
L5220.0	505220.9	5409578.0	10691.00000	322.75	36	48.839154	-86.928849	56350.39	56250.7	-0.66	56349.73	56348.09375	56311.01753	56310.20313	505220.9	5409578.0
L5220.0	505220.9	5409578.0	10691.09961	321.83	35.05	48.839154	-86.928849	56351.18	56250.7	-0.66	56350.51	56349.29688	56308.65794	56308.33203	505220.9	5409578.0
L5220.0	505220.9	5409579.2	10691.20020	321.73	35.05	48.839165	-86.928849	56352.18	56250.7	-0.66	56351.52	56350.73047	56310.57098	56310.73828	505220.9	5409579.2
L5220.0	505220.9	5409580.8	10691.29981	319.86	32.53	48.839179	-86.928849	56353.02	56250.7	-0.66	56352.35	56351.98828	56308.49139	56309.15625	505220.9	5409580.8
L5220.0	505220.9	5409581.7	10691.40039	320.01	33.82	48.839187	-86.928849	56354.14	56250.7	-0.66	56353.48	56353.54297	56312.26973	56313.43359	505220.9	5409581.7
L5220.0	505220.9	5409583.1	10691.50000	321.14	32.53	48.839200	-86.928849	56355.14	56250.7	-0.67	56354.47	56354.96094	56312.97119	56314.64063	505220.9	5409583.1
L5220.0	505220.9	5409584.2	10691.59961	321.03	32.53	48.839210	-86.928849	56356.31	56250.7	-0.67	56355.65	56356.56641	56317.44024	56319.61719	505220.9	5409584.2
L5220.0	505220.9	5409585.3	10691.70020	322.69	30.61	48.839220	-86.928849	56357.28	56250.7	-0.67	56356.61	56357.95313	56317.27448	56319.96484	505220.9	5409585.3
L5220.0	505220.8	5409586.7	10691.79981	323.45	30.61	48.839232	-86.928850	56358.48	56250.7	-0.67	56357.81	56359.58203	56322.05253	56325.26172	505220.8	5409586.7
L5220.0	505220.8	5409587.9	10691.90039	322.72	31.56	48.839243	-86.928850	56359.60	56250.7	-0.67	56358.93	56361.12891	56325.20948	56328.93750	505220.8	5409587.9
L5220.0	505220.8	5409587.9	10692.00000	323.15	31.48	48.839243	-86.928850	56360.98	56250.7	-0.67	56360.31	56362.93359	56333.85118	56338.10547	505220.8	5409587.9
L5220.0	505220.8	5409589.8	10692.00000	323.15	31.96	48.839260	-86.928850	56362.31	56250.7	-0.67	56361.64	56364.69141	56341.59560	56346.37500	505220.8	5409589.8
L5220.0	505220.8	5409590.9	10692.20020	323.05	30.28	48.839270	-86.928851	56363.94	56250.7	-0.67	56363.27	56366.74609	56355.70725	56361.01563	505220.8	5409590.9
L5220.0	505220.7	5409592.2	10692.29981	324.15	30.28	48.839282	-86.928851	56365.24	56250.7	-0.67	56364.57	56368.47266	56363.23958	56369.08203	505220.7	5409592.2
L5220.0	505220.7	5409593.6	10692.40039	323.45	30.99	48.839295	-86.928851	56366.70	56250.7	-0.67	56366.03	56370.35938	56374.33650	56380.71484	505220.7	5409593.6
L5220.0	505220.7	5409593.6	10692.50000	321.18	33.36	48.839295	-86.928851	56368.13	56250.7	-0.67	56367.46	56372.21094	56385.15498	56392.07031	505220.7	5409593.6
L5220.0	505220.7	5409595.1	10692.59961	319.13	33.36	48.839308	-86.928852	56369.63	56250.7	-0.67	56368.96	56374.13281	56397.78719	56405.23828	505220.7	5409595.1
L5220.0	505220.6	5409596.7	10692.70020	317.70	33.36	48.839322	-86.928852	56371.01	56250.7	-0.67	56370.34	56375.93750	56408.47210	56416.46484	505220.6	5409596.7
L5220.0	505220.6	5409598.2	10692.79981	318.87	34.62	48.839335	-86.928853	56372.41	56250.7	-0.67	56371.74	56377.75391	56420.11995	56428.65625	505220.6	5409598.2
L5220.0	505220.6	5409599.2	10692.90039	319.45	34.62	48.839345	-86.928853	56373.74	56250.7	-0.67	56373.07	56379.50391	56431.02162	56440.10156	505220.6	5409599.2
L5220.0	505220.6	5409600.4	10693.00000	319.99	30.89	48.839356	-86.928853	56375.02	56250.7	-0.67	56374.35	56381.19922	56441.67937	56451.30469	505220.6	5409600.4
L5220.0	505220.6	5409600.4	10693.09961	319.30	33.04	48.839356	-86.928853	56376.22	56250.7	-0.67	56375.55	56382.81641	56451.61063	56461.78125	505220.6	5409600.4
L5220.0	505220.5	5409602.5	10693.20020	319.72	33.04	48.839375	-86.928854	56377.62	56250.7	-0.67	56376.95	56384.62891	56466.39005	56477.10547	505220.5	5409602.5
L5220.0	505220.5	5409603.9	10693.29981	318.02	35.53	48.839387	-86.928854	56378.64	56250.7	-0.67	56377.97	56386.05859	56474.79456	56486.05859	505220.5	5409603.9
L5220.0	505220.5	5409603.9	10693.40039	318.89	35.53	48.839387	-86.928854	56379.79	56250.7	-0.67	56379.11	56387.60547	56486.67514	56498.48438	505220.5	5409603.9
L5220.0	505220.5	5409605.6	10693.50000	318.33	34.03	48.839402	-86.928854	56380.66	56250.7	-0.68	56379.98	56388.87891	56494.57483	56506.92969	505220.5	5409605.6
L5220.0	505220.5	5409607.0	10693.59961	318.30	34.03	48.839415	-86.928854	56381.58	56250.7	-0.68	56380.90	56390.20313	56504.77518	56517.67578	505220.5	5409607.0
L5220.0	505220.5	5409607.0	10693.70020	318.59	34.33	48.839415	-86.928854	56382.29	56250.7	-0.68	56381.61	56391.31250	56512.35453	56525.80078	505220.5	5409607.0
L5220.0	505220.5	5409608.6	10693.79981	320.87	31.7	48.839430	-86.928855	56382.90	56250.7	-0.68	56382.22	56392.32031	56519.51950	56533.51172	505220.5	5409608.6
L5220.0	505220.5	5409610.2	10693.90039	320.57	31.72	48.839443	-86.928855	56383.18	56250.7	-0.68	56382.50	56392.99219	56521.94359	56536.47656	505220.5	5409610.2
L5220.0	505220.4	5409611.8	10694.00000	320.63	31.72	48.839458	-86.928855	56383.46	56250.7	-0.68	56382.78	56393.66406	56526.01655	56541.08984	505220.4	5409611.8
L5220.0	505220.4	5409613.2	10694.00000	320.63	31.23	48.839470	-86.928855	56383.48	56250.7	-0.68	56382.80	56394.07031	56526.80264	56542.41797	505220.4	5409613.2
L5220.0	505220.4	5409614.7	10694.20020	323.07	31.23	48.839484	-86.928855	56383.52	56250.7	-0.68	56382.83	56394.48047	56529.52890	56545.67969	505220.4	5409614.7
L5220.0	505220.4	5409614.7	10694.29981	324.82	29.38	48.839484	-86.928855	56383.26	56250.7	-0.69	56382.57	56394.60156	56528.47358	56545.16016	505220.4	5409614.7
L5220.0	505220.4	5409616.1	10694.40039	324.10	29.38	48.839497	-86.928855	56382.95	56250.7	-0.69	56382.26	56394.66406	56528.26870	56545.48828	505220.4	5409616.1
L5220.0	505220.4	5409617.7	10694.50000	322.97	30.33	48.839511	-86.928855	56382.46	56250.7	-0.69	56381.77	56394.54688	56526.44153	56544.19141	505220.4	5409617.7
L5220.0	505220.4	5409617.7	10694.59961	320.92	30.28	48.839511	-86.928855	56381.81	56250.7	-0.69	56381.11	56394.25000	56523.20967	56541.48438	505220.4	5409617.7
L5220.0	505220.4	5409619.0	10694.70020	320.04	28.7	48.839523	-86.928855	56381.09	56250.7	-0.69	56380.40	56393.90234	56520.90655	56539.70313	505220.4	5409619.0
L5220.0	505220.4	5409620.6	10694.79981	320.31	28.7	48.839537	-86.928855	56380.09	56250.7	-0.70	56379.40	56393.26172	56514.90723	56534.22266	505220.4	5409620.6
L5220.0	505220.4	5409621.9	10694.90039	318.83	28.7	48.839549	-86.928855	56379.02	56250.7	-0.70	56378.32	56392.53125	56509.28097	56529.10938	505220.4	5409621.9
L5220.0	505220.4	5409623.2	10695.00000	317.88	32.4	48.839561	-86.928855	56377.72	56250.7	-0.70	56377.02	56391.57813	56501.31516	56521.65625	505220.4	5409623.2
L5220.0	505220.4	5409623.2	10695.09961	318.83	32.12	48.839561	-86.928855	56376.39	56250.7	-0.70	56375.70	56390.60156	56494.88952	56515.73438	505220.4	5409623.2
L5220.0	505220.4	5409624.7	10695.20020	318.92	32.12	48.839574	-86.928855	56374.81	56250.7	-0.70	56374.12	56389.35938	56485.31234	56506.65625	505220.4	5409624.7
L5220.0	505220.5	5409626.3	10695.29981	320.31	26.93	48.839589	-86.928855	56373.11	56250.7	-0.70	56372.41	56387.98047	56475.10889	56496.94922	505220.5	5409626.3
L5220.0	505220.5	5409627.8	10695.40039	320.63	26.93	48.839602	-86.928854	56371.46	56250.7	-0.70	56370.77	56386.66406	56468.18530	56490.51563	505220.5	5409627.8
L5220.0	505220.5	5409629.2	10695.50000	317.85	29.11	48.839614	-86.928854	56369.78	56250.7	-0.69	56369.09	56385.30469	56462.36425	56485.17578	505220.5	5409629.2
L5220.0	505220.5	5409629.2	10695.59961	317.12	31.6	48.839614	-86.928854	56367.87	56250.7	-0.69	56367.18	56383.71094	56453.83691	56477.12500	505220.5	5409629.2
L5220.0	505220.5	5409630.5	10695.70020	316.31	32.62	48.839626	-86.928854	56366.06	56250.7	-0.69	56365.37	56382.20703	56449.09522	56472.85547	505220.5	5409630.5
L5220.0	505220.5	5409632.8	10695.79981	319.36	32.62	48.839647	-86.928853	56363.98	56250.7	-0.69	56363.29	56380.42969	56440.69760	56464.92188	505220.5	5409632.8
L5220.0	505220.5	5409632.8	10695.90039	321.78	31.93	48.839647	-86.928853	56361.98	56250.7	-0.69	56361.29	56378.72656	56435.58132	56460.26172	505220.5	5409632.8
L5220.0	505220.5	5409633.9	10696.00000	321.69	31.93	48.839657	-86.928853	56359.78	56250.7	-0.69	56359.09	56376.81250	56428.02036	56453.14844	505220.5	5409633.9
L5220.0	505220.6	5409635.3	10696.00000	321.69	33.91	48.839670	-86.928853	56357.69	56250.7	-0.69	56357.00	56375.00781	56424.24475	56449.81250	505220.6	5409635.3
L5220.0	505220.6	5409635.3	10696.20020	320.83	31.23	48.839670	-86.928853	56355.32	56250.7	-0.69	56354.62	56372.90234	56415.95718	56441.95703	505220.6	5409635.3
L5220.0	505220.6	5409636.9	10696.29981	321.22	31.23	48.839684	-86.928852	56352.94	56250.7	-0.70	56352.24	56370.79297	56409.00088	56435.42578	505220.6	5409636.9
L5220.0	505220.6	5409638.7	10696.40039	324.10	36.12	48.839700	-86.928852	56350.54	56250.7	-0.70	56349.84	56368.65625	56402.87701	56429.71875	505220.6	5409638.7
L5220.0	505220.6	5409639.7	10696.50000	324.28	35.16	48.839709	-86.928852	56348.20	56250.7	-0.70	56347.50	56366.57031	56399.19156	56426.44141	505220.6	5409639.7
L5220.0	505220.6	5409641.0	10696.59961	323.26	35.16	48.839721	-86.928852	56345.64	56250.7	-0.70	56344.94	56364.25781	56391.88718	56419.53125	505220.6	5409641.0
L5220.0	505220.6	5409641.0	10696.70020	323.62	32.27	48.839721	-86.928852	56343.19	56250.7	-0.70	56342.49	56362.05078	56387.87818	56415.91406	505220.6	5409641.0
L5220.0	505220.6	5409642.3	10696.79981	324.84	33.39	48.839733	-86.928852	56340.48	56250.7	-0.71	56339.78	56359.57422	56379.07340	56407.48438	505220.6	5409642.3
L5220.0	505220.6	5409645.0	10696.90039	322.02	33.39	48.839757	-86.928852	56337.99	56250.7	-0.71	56337.28	56357.30078	56375.52176	56404.30078	505220.6	5409645.0
L5220.0	505220.6	5409645.0	10697.00000	324.27	36.71	48.839757	-86.928852	56335.28	56250.7	-0.71	56334.57	56354.80859	56367.95655	56397.09375	505220.6	5409645.0
L5220.0	505220.7	5409646.3	10697.09961	324.96	36.71	48.839768	-86.928851	56332.68	56250.7	-0.71	56331.97	56352.42188	56363.24010	56392.72656	505220.7	5409646.3
L5220.0	505220.7	5409647.7	10697.20020	325.57	37.75	48.839781	-86.928851	56329.92	56250.7	-0.71	56329.21	56349.86719	56355.29414	56385.11719	505220.7	5409647.7
L5220.0	505220.7	5409647.7	10697.29981	325.38	37.93	48.839781	-86.928851	56327.16	56250.7	-0.71	56326.46	56347.31250	56347.72460	56377.87109	505220.7	5409647.7
L5220.0	505220.7	5409649.4	10697.40039	324.35	37.93	48.839796	-86.928851	56324.28	56250.7	-0.71	56323.58	56344.62109	56337.29410	56367.75391	505220.7	5409649.4
L5220.0	505220.7	5409650.8	10697.50000	323.32	35.98	48.839809	-86.928851	56321.44	56250.7	-0.71	56320.74	56341.96094	56327.64311	56358.40625	505220.7	5409650.8
L5220.0	505220.7	5409650.8	10697.59961	323.76	35.98	48.839809	-86.928851	56318.57	56250.7	-0.70	56317.86	56339.25391	56316.87332	56347.92578	505220.7	5409650.8
L5220.0	505220.7	5409652.3	10697.70020	324.22	37.93	48.839822	-86.928850	56315.63	56250.7	-0.70	56314.93	56336.48438	56304.64673	56335.97656	505220.7	5409652.3
L5220.0	505220.8	5409653.6	10697.79981	322.36	35.05	48.839834	-86.928850	56312.82	56250.7	-0.70	56312.12	56333.83203	56294.59831	56326.19531	505220.8	5409653.6

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5220.0	505220.8	5409653.6	10697.90039	323.60	35.05	48.839834	-86.928850	56309.87	56250.7	-0.70	56309.17	56331.03125	56280.88330	56312.73047	505220.8	5409653.6
L5220.0	505220.8	5409654.8	10698.00000	324.20	34.73	48.839845	-86.928849	56307.05	56250.7	-0.70	56306.35	56328.34766	56269.31915	56301.40625	505220.8	5409654.8
L5220.0	505220.8	5409656.4	10698.00000	324.20	32.96	48.839859	-86.928849	56304.20	56250.7	-0.70	56303.50	56325.62891	56256.28473	56288.60156	505220.8	5409656.4
L5220.0	505220.8	5409657.6	10698.20020	324.02	32.96	48.839870	-86.928849	56301.52	56250.7	-0.70	56300.82	56323.07422	56245.98661	56278.51563	505220.8	5409657.6
L5220.0	505220.9	5409658.8	10698.29981	322.97	34.35	48.839881	-86.928848	56298.69	56250.7	-0.70	56297.99	56320.35547	56231.41609	56264.14453	505220.9	5409658.8
L5220.0	505220.9	5409659.9	10698.40039	321.26	34.35	48.839891	-86.928848	56296.13	56250.7	-0.70	56295.43	56317.90234	56221.43812	56254.35156	505220.9	5409659.9
L5220.0	505220.9	5409659.9	10698.50000	323.00	35.14	48.839891	-86.928848	56293.53	56250.7	-0.69	56292.84	56315.41016	56209.52401	56242.60938	505220.9	5409659.9
L5220.0	505220.9	5409661.1	10698.59961	322.94	35.14	48.839902	-86.928848	56291.06	56250.7	-0.69	56290.36	56313.01953	56198.51381	56231.75781	505220.9	5409661.1
L5220.0	505220.9	5409662.2	10698.70020	321.54	33.35	48.839911	-86.928848	56288.53	56250.7	-0.69	56287.83	56310.57031	56184.96002	56218.34766	505220.9	5409662.2
L5220.0	505220.9	5409663.0	10698.79981	321.74	32.5	48.839919	-86.928847	56286.23	56250.7	-0.69	56285.53	56308.33984	56174.54263	56208.05859	505220.9	5409663.0
L5220.0	505221.0	5409664.7	10698.90039	321.03	32.6	48.839934	-86.928847	56283.90	56250.7	-0.69	56283.21	56306.08203	56161.98881	56195.62109	505221.0	5409664.7
L5220.0	505221.0	5409664.7	10699.00000	317.62	33.66	48.839934	-86.928847	56281.87	56250.7	-0.69	56281.18	56304.10547	56153.48644	56187.21484	505221.0	5409664.7
L5220.0	505221.0	5409665.8	10699.09961	319.04	33.66	48.839944	-86.928847	56279.80	56250.7	-0.69	56279.10	56302.07422	56142.01597	56175.83203	505221.0	5409665.8
L5220.0	505221.0	5409666.9	10699.20020	315.19	33.48	48.839954	-86.928846	56278.01	56250.7	-0.70	56277.32	56300.32813	56134.48755	56168.37109	505221.0	5409666.9
L5220.0	505221.0	5409667.8	10699.29981	313.58	31.55	48.839962	-86.928846	56276.25	56250.7	-0.70	56275.56	56298.59766	56125.18905	56159.12500	505221.0	5409667.8
L5220.0	505221.0	5409667.8	10699.40039	315.88	31.55	48.839962	-86.928846	56274.74	56250.7	-0.70	56274.04	56297.09766	56118.40649	56152.38281	505221.0	5409667.8
L5220.0	505221.0	5409670.1	10699.50000	316.50	33.91	48.839982	-86.928846	56273.36	56250.7	-0.71	56272.66	56295.72656	56112.07369	56146.07031	505221.0	5409670.1
L5220.0	505221.0	5409670.1	10699.59961	319.34	34.39	48.839982	-86.928846	56272.23	56250.7	-0.71	56271.52	56294.58984	56108.08336	56142.08984	505221.0	5409670.1
L5220.0	505221.1	5409671.3	10699.70020	320.47	34.39	48.839994	-86.928846	56271.18	56250.7	-0.71	56270.46	56293.52344	56103.24368	56137.23828	505221.1	5409671.3
L5220.0	505221.1	5409672.7	10699.79981	320.06	35.34	48.840006	-86.928845	56270.22	56250.7	-0.71	56269.51	56292.55469	56098.10705	56132.07813	505221.1	5409672.7
L5220.0	505221.1	5409672.7	10699.90039	318.25	36.14	48.840006	-86.928845	56269.54	56250.7	-0.72	56268.82	56291.83984	56095.56289	56129.49219	505221.1	5409672.7
L5220.0	505221.1	5409673.9	10700.00000	319.81	36.14	48.840016	-86.928845	56268.98	56250.7	-0.72	56268.26	56291.25000	56093.06555	56126.93750	505221.1	5409673.9
L5220.0	505221.1	5409674.7	10700.00000	319.81	36.43	48.840024	-86.928845	56268.52	56250.7	-0.72	56267.80	56290.74609	56090.03676	56123.83594	505221.1	5409674.7
L5220.0	505221.1	5409675.8	10700.09961	320.79	35.08	48.840034	-86.928845	56268.37	56250.7	-0.72	56267.65	56290.54688	56090.56272	56124.26953	505221.1	5409675.8
L5220.0	505221.1	5409676.7	10700.20020	321.10	35.08	48.840042	-86.928844	56268.26	56250.7	-0.72	56267.54	56290.37891	56089.43230	56123.03516	505221.1	5409676.7
L5220.0	505221.2	5409677.8	10700.20020	321.10	34.92	48.840052	-86.928844	56268.49	56250.7	-0.72	56267.77	56290.53906	56092.47243	56125.95313	505221.2	5409677.8
L5220.0	505221.2	5409678.7	10700.50000	319.78	35.64	48.840060	-86.928844	56268.80	56250.7	-0.71	56268.08	56290.77344	56094.67824	56128.01953	505221.2	5409678.7
L5220.0	505221.2	5409679.4	10700.59961	320.71	35.64	48.840066	-86.928844	56269.38	56250.7	-0.71	56268.67	56291.28125	56099.94158	56133.12500	505221.2	5409679.4
L5220.0	505221.2	5409679.4	10700.70020	322.83	34.43	48.840066	-86.928844	56269.82	56250.7	-0.71	56269.11	56291.62500	56100.00662	56133.01563	505221.2	5409679.4
L5220.0	505221.2	5409680.5	10700.79981	321.80	37.55	48.840076	-86.928843	56270.74	56250.7	-0.71	56270.03	56292.44531	56107.01555	56139.83594	505221.2	5409680.5
L5220.0	505221.3	5409681.5	10700.90039	321.74	37.55	48.840085	-86.928843	56271.66	56250.7	-0.71	56270.95	56293.25391	56111.76347	56144.37891	505221.3	5409681.5
L5220.0	505221.3	5409682.2	10701.00000	319.85	35.98	48.840092	-86.928843	56272.88	56250.7	-0.71	56272.17	56294.35938	56120.01759	56152.41016	505221.3	5409682.2
L5220.0	505221.3	5409683.5	10701.09961	320.70	38.68	48.840103	-86.928842	56274.16	56250.7	-0.71	56273.45	56295.51172	56127.21767	56159.37109	505221.3	5409683.5
L5220.0	505221.3	5409683.5	10701.20020	319.09	38.4	48.840103	-86.928842	56275.54	56250.7	-0.71	56274.83	56296.75781	56134.16729	56166.06250	505221.3	5409683.5
L5220.0	505221.3	5409684.3	10701.29981	319.90	38.3	48.840111	-86.928842	56277.25	56250.7	-0.70	56276.54	56298.32422	56145.24878	56176.87109	505221.3	5409684.3
L5220.0	505221.4	5409685.1	10701.40039	319.17	38.3	48.840118	-86.928841	56279.04	56250.7	-0.70	56278.34	56299.97266	56155.95028	56187.28125	505221.4	5409685.1
L5220.0	505221.4	5409685.8	10701.50000	318.60	35.53	48.840124	-86.928841	56280.94	56250.7	-0.70	56280.24	56301.71484	56166.52024	56197.54688	505221.4	5409685.8
L5220.0	505221.4	5409686.9	10701.59961	318.27	35.53	48.840134	-86.928841	56282.94	56250.7	-0.70	56282.24	56303.54688	56177.02970	56207.73438	505221.4	5409686.9
L5220.0	505221.4	5409687.8	10701.70020	318.26	34.95	48.840142	-86.928841	56285.06	56250.7	-0.70	56284.36	56305.49609	56187.92706	56218.28906	505221.4	5409687.8
L5220.0	505221.4	5409687.8	10701.79981	318.91	38.53	48.840142	-86.928841	56287.25	56250.7	-0.69	56286.56	56307.51172	56198.54927	56228.55469	505221.4	5409687.8
L5220.0	505221.4	5409688.9	10701.90039	318.57	40.79	48.840151	-86.928840	56289.46	56250.7	-0.69	56288.77	56309.53125	56207.68693	56237.32031	505221.4	5409688.9
L5220.0	505221.4	5409689.7	10702.00000	317.78	40.79	48.840159	-86.928840	56291.79	56250.7	-0.69	56291.10	56311.66406	56217.48285	56246.72656	505221.4	5409689.7
L5220.0	505221.4	5409690.2	10702.00000	317.78	44	48.840164	-86.928840	56294.24	56250.7	-0.69	56293.55	56313.91016	56228.02876	56256.86719	505221.4	5409690.2
L5220.0	505221.5	5409691.1	10702.20020	317.98	45.79	48.840172	-86.928840	56296.67	56250.7	-0.69	56295.98	56316.12891	56236.82323	56265.24219	505221.5	5409691.1
L5220.0	505221.5	5409692.0	10702.29981	320.42	45.79	48.840180	-86.928840	56299.32	56250.7	-0.69	56298.63	56318.55859	56248.43030	56276.41016	505221.5	5409692.0
L5220.0	505221.5	5409692.0	10702.40039	320.69	46.67	48.840180	-86.928840	56301.88	56250.7	-0.69	56301.19	56320.89063	56257.20325	56284.73047	505221.5	5409692.0
L5220.0	505221.5	5409693.7	10702.50000	320.30	46.67	48.840195	-86.928839	56304.53	56250.7	-0.69	56303.84	56323.30859	56266.59844	56293.65625	505221.5	5409693.7
L5220.0	505221.5	5409693.7	10702.59961	319.75	47.56	48.840195	-86.928839	56307.18	56250.7	-0.69	56306.49	56325.71484	56275.04745	56301.62109	505221.5	5409693.7
L5220.0	505221.5	5409694.6	10702.70020	322.66	47.56	48.840203	-86.928839	56309.91	56250.7	-0.69	56309.22	56328.19922	56284.15170	56310.22266	505221.5	5409694.6
L5220.0	505221.5	5409694.6	10702.79981	321.28	43.64	48.840203	-86.928839	56312.63	56250.7	-0.69	56311.93	56330.65234	56292.14132	56317.69531	505221.5	5409694.6
L5220.0	505221.5	5409695.4	10702.90039	318.53	43.64	48.840210	-86.928839	56315.38	56250.7	-0.69	56314.68	56333.14063	56300.24699	56325.26953	505221.5	5409695.4
L5220.0	505221.5	5409696.1	10703.00000	318.43	37.36	48.840217	-86.928839	56318.14	56250.7	-0.69	56317.45	56335.64453	56308.19792	56332.67578	505221.5	5409696.1
L5220.0	505221.6	5409697.0	10703.09961	317.53	37.44	48.840224	-86.928839	56320.86	56250.7	-0.69	56320.17	56338.08984	56314.76124	56338.67969	505221.6	5409697.0
L5220.0	505221.6	5409697.4	10703.20020	319.11	35.91	48.840228	-86.928838	56323.62	56250.7	-0.69	56322.93	56340.56641	56321.75064	56345.09375	505221.6	5409697.4
L5220.0	505221.6	5409698.1	10703.29981	321.06	35.04	48.840234	-86.928838	56326.42	56250.7	-0.69	56325.73	56343.08203	56329.27749	56352.02734	505221.6	5409698.1
L5220.0	505221.6	5409699.0	10703.40039	321.49	35.04	48.840242	-86.928838	56329.13	56250.7	-0.69	56328.44	56345.49609	56334.92365	56357.07031	505221.6	5409699.0
L5220.0	505221.6	5409699.5	10703.50000	323.66	37.18	48.840247	-86.928838	56331.86	56250.7	-0.69	56331.17	56347.92969	56340.90700	56362.43359	505221.6	5409699.5
L5220.0	505221.6	5409700.1	10703.59961	323.57	37.18	48.840253	-86.928838	56334.52	56250.7	-0.69	56333.83	56350.28516	56345.55354	56366.44922	505221.6	5409700.1
L5220.0	505221.6	5409700.1	10703.70020	319.92	37.73	48.840253	-86.928838	56337.22	56250.7	-0.69	56336.53	56352.67188	56351.11171	56371.36328	505221.6	5409700.1
L5220.0	505221.6	5409700.7	10703.79981	317.27	39.75	48.840258	-86.928838	56339.87	56250.7	-0.69	56339.18	56355.00391	56355.88947	56375.48047	505221.6	5409700.7
L5220.0	505221.6	5409701.4	10703.90039	319.49	39.75	48.840264	-86.928838	56342.58	56250.7	-0.69	56341.89	56357.39453	56362.16422	56381.08203	505221.6	5409701.4
L5220.0	505221.6	5409701.4	10704.00000	319.75	35.32	48.840264	-86.928838	56345.21	56250.7	-0.69	56344.52	56359.69531	56367.21626	56385.44922	505221.6	5409701.4
L5220.0	505221.6	5409702.2	10704.00000	319.75	37.09	48.840271	-86.928838	56347.74	56250.7	-0.69	56347.05	56361.89453	56370.70035	56388.23828	505221.6	5409702.2
L5220.0	505221.6	5409702.8	10704.20020	320.78	37.09	48.840277	-86.928838	56350.39	56250.7	-0.69	56349.69	56364.19531	56376.93180	56393.75781	505221.6	5409702.8
L5220.0	505221.6	5409703.5	10704.29981	319.71	40.32	48.840283	-86.928838	56352.84	56250.7	-0.70	56352.14	56366.30469	56379.90055	56396.00391	505221.6	5409703.5
L5220.0	505221.6	5409703.5	10704.40039	321.46	49.8	48.840283	-86.928838	56355.32	56250.7	-0.70	56354.62	56368.43750	56384.13550	56399.50781	505221.6	5409703.5
L5220.0	505221.6	5409704.0	10704.50000	323.75	49.8	48.840288	-86.928838	56357.76	56250.7	-0.70	56357.06	56370.52344	56388.28494	56402.91406	505221.6	5409704.0
L5220.0	505221.6	5409704.5	10704.59961	323.33	49.88	48.840292	-86.928838	56360.24	56250.7	-0.70	56359.54	56372.64844	56394.03060	56407.90234	505221.6	5409704.5
L5220.0	505221.6	5409704.9	10704.70020	323.63	50	48.840296	-86.928838	56362.62	56250.7	-0.70	56361.91	56374.65625	56398.38956	56411.49609	505221.6	5409704.9
L5220.0	505221.6	5409705.4	10704.79981	321.04	49.77	48.840300	-86.928838	56364.98	56250.7	-0.71	56364.28	56376.66406	56403.64116	56415.96875	505221.6	5409705.4
L5220.0	505221.6	5409705.9	10704.90039	323.71	49.77	48.840305	-86.928838	56367.31	56250.7	-0.71	56366.60	56378.61328	56408.82419	56420.36719	505221.6	5409705.9
L5220.0	505221.6	5409706.3	10705.00000	324.22	49.77	48.840308	-86.928838	56369.51	56250.7	-0.71	56368.80	56380.44141	56412.59059	56423.33594	505221.6	5409706.3
L5220.0	505221.6	5409706.9	10705.09961	322.02	49.61	48.840314	-86.928838	56371.75	56250.7	-0.71	56371.04	56382.30469	56418.17838	56428.11719	505221.6	5409706.9
L5220.0	505221.6	5409706.9	10705.20020	320.10	49.64	48.840314	-86.928838	56373.91	56250.7	-0.70	56373.21	56384.09375	56423.43555	56432.56250	505221.6	5409706.9
L5220.0	505221.6	5409707.7	10705.29981	320.26	49.64	48.840321	-86.928837	56375.96	56250.7	-0.70	56375.26	56385.76172	56427.42939	56435.73047	505221.6	5409707.7
L5220.0	505221.6	5409707.7	10705.40039	315.78	49.58	48.840321	-86.928837	56378.03	56250.7	-0.69	56377.33	56387.44531	56432.95247	56440.42188	505221.6	5409707.7
L5220.0	505221.7	5409708.6	10705.50000	315.03	49.56	48.840329	-86.928837	56380.02	56250.7	-0.69	56379.33	56389.05469	56438.27197	56444.90234	505221.7	5409708.6
L5220.0	505221.7	5409708.6	10705.59961	316.71	49.56	48.840329	-86.928837	56381.88	56250.7	-0.69	56381.20	56390.53125	56442.26311	56448.04688	505221.7	5409708.6
L5220.0	505221.7	5409708.8	10705.70020	319.22	48.98	48.840331	-86.928837	56383.70	56250.7	-0.68	56383.01	56391.94531	56446.32663	56451.25391	505221.7	5409708.8
L5220.0	505221.7	5409709.2	10705.79981	318.80	48.24	48.840334	-86.928837	56385.48	56250.7	-0.68	56384.80	56393.33594	56451.26759	56455.33594	505221.7	5409709.2
L5220.0	505221.7	5409709.6	10705.90039	316.51	48.24	48.840338	-86.928837	56387.19	56250.7	-0.67	56386.51	56394.64453	56455.96513	56459.16406	505221.7	5409709.6
L5220.0	505221.7	5409710.0	10706.00000	318.60	48.19	48.840341	-86.928836	56388.77	56250.7	-0.67	56388.10	56395.83203	56459.68552	56462.01172	505221.7	5409710.0
L5220.0	505221.7	5409710.0	10706.00000	318.60	48.52	48.840341	-86.928836	56390.33	56250.7	-0.67	56389.66	56396.98438	56464.18965	56465.63672	505221.7	5409710.0
L5220.0	505221.7	5409710.3	10706.20020	318.43	50.38	48.840345	-86.928836	56391.84	56250.7	-0.67	56391.16	56398.07813	56468.92415	56469.48828	505221.7	5409710.3
L5220.0	505221.7	5409710.7	10706.29981	318.81	50.38	48.840348	-86.928836	56393.26	56250.7	-0.67	56392.59	56399.09766	56473.71492	56473.38672	505221.7	5409710.7
L5220.0	505221.8	5409711.1	10706.40039	320.73	50.06	48.840352	-86.928835	56394.64	56250.7	-0.67	56393.97	56400.06641	56478.96839	56477.75000	505221.8	5409711.1
L5220.0	505221.8	5409711.1	10706.50000	320.33	49.99	48.840352	-86.928835	56395.92	56250.7	-0.68	56395.24	56400.92578	56483.49383	56481.37500	505221.8	5409711.1
L5220.0	505221.8	5409711.5	10706.59961	322.96	49.99	48.840355	-86.928835	56397.09	56250.7	-0.68	56396.41	56401.67969	56487.45146	56484.43359	505221.8	5409711.5
L5220.0	505221.8	5409711.7	10706.70020	321.55	48.51	48.840357	-86.928835	56398.22	56250.7	-0.68	56397.54	56402.39453	56492.02449	56488.10156	505221.8	5409711.7
L5220.0	505221.8	5409712.0	10706.79981	318.12	48.51	48.840359	-86.928835	56399.31	56250.7	-0.68	56398.64	56403.08203	56497.40598	56492.57813	505221.8	5409712.0
L5220.0	505221.8	5409712.0	10706.90039	319.29	47.45	48.840359	-86.928835	56400.16	56250.7	-0.68	56399.48	56403.50391	56498.71046	56492.97266	505221.8	5409712.0
L5220.0	505221.8	5409712.2	10707.00000	321.21	47.45	48.840362	-86.928835	56400.99	56250.7	-0.68	56400.31	56403.91406	56501.05993	56494.41406	505221.8	5409712.2
L5220.0	505221.8	5409712.4	10707.09961	322.98	47.54	48.840363	-86.928834	56401.69	56250.7	-0.68	56401.01	56404.19922	56501.80972	56494.25000	505221.8	5409712.4

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5220.0	505221.9	5409712.6	10707.20020	323.09	47.54	48.840365	-86.928834	56402.40	56250.7	-0.68	56401.72	56404.48828	56503.92950	56495.45703	505221.9	5409712.6
L5220.0	505221.9	5409712.7	10707.29981	324.42	50.46	48.840366	-86.928834	56403.09	56250.7	-0.67	56402.41	56404.76172	56506.73352	56497.34766	505221.9	5409712.7
L5220.1	505223.1	5409662.9	18614.00000	354.27	0	48.839918	-86.928818	56333.29	56232.5	17.54	56350.83	56317.26563	56417.28544	56228.25391	505223.1	5409662.9
L5220.1	505223.1	5409663.2	18614.09961	352.77	0	48.839921	-86.928818	56333.41	56232.5	17.54	56350.96	56317.41797	56414.36637	56227.29688	505223.1	5409663.2
L5220.1	505223.1	5409663.2	18614.19922	351.12	0	48.839921	-86.928818	56333.27	56232.5	17.54	56350.81	56317.29297	56404.82465	56219.71875	505223.1	5409663.2
L5220.1	505223.1	5409663.5	18614.30078	349.25	0	48.839924	-86.928818	56333.42	56232.5	17.55	56350.96	56317.46484	56402.36981	56219.22656	505223.1	5409663.5
L5220.1	505223.1	5409663.9	18614.40039	347.78	0	48.839927	-86.928817	56333.41	56232.5	17.55	56350.96	56317.48828	56396.35599	56215.17578	505223.1	5409663.9
L5220.1	505223.1	5409663.9	18614.50000	345.73	0	48.839927	-86.928817	56333.80	56232.5	17.55	56351.35	56317.90234	56399.54672	56220.32813	505223.1	5409663.9
L5220.1	505223.2	5409664.2	18614.59961	347.03	0	48.839930	-86.928817	56333.86	56232.4	17.55	56351.41	56317.98828	56394.91160	56217.66016	505223.2	5409664.2
L5220.1	505223.2	5409664.2	18614.69922	348.32	0	48.839930	-86.928817	56334.14	56232.4	17.55	56351.69	56318.29688	56395.45046	56220.16016	505223.2	5409664.2
L5220.1	505223.2	5409664.7	18614.80078	349.65	0	48.839934	-86.928817	56334.26	56232.4	17.56	56351.81	56318.44531	56392.17240	56218.84766	505223.2	5409664.7
L5220.1	505223.2	5409665.1	18614.90039	349.22	0	48.839937	-86.928816	56334.54	56232.4	17.56	56352.10	56318.76953	56392.87505	56221.51563	505223.2	5409665.1
L5220.1	505223.2	5409665.1	18615.00000	349.02	0	48.839937	-86.928816	56334.87	56232.4	17.56	56352.43	56319.13281	56394.47892	56225.08594	505223.2	5409665.1
L5220.1	505223.3	5409665.5	18615.09961	351.61	0	48.839941	-86.928815	56335.41	56232.4	17.56	56352.96	56319.69922	56400.76179	56233.33594	505223.3	5409665.5
L5220.1	505223.3	5409665.9	18615.19922	351.49	0	48.839945	-86.928815	56335.82	56232.4	17.56	56353.38	56320.15625	56404.38787	56238.92969	505223.3	5409665.9
L5220.1	505223.3	5409666.2	18615.30078	355.13	0	48.839948	-86.928815	56336.04	56232.4	17.55	56353.60	56320.41797	56403.22347	56239.73438	505223.3	5409666.2
L5220.1	505223.3	5409666.7	18615.40039	356.06	0	48.839952	-86.928815	56336.40	56232.4	17.55	56353.95	56320.81641	56405.06619	56243.54688	505223.3	5409666.7
L5220.1	505223.3	5409666.7	18615.50000	356.37	0	48.839952	-86.928815	56336.18	56232.4	17.55	56353.73	56320.64453	56393.35839	56233.81250	505223.3	5409666.7
L5220.1	505223.4	5409667.1	18615.59961	356.67	0	48.839956	-86.928814	56336.58	56232.5	17.55	56354.13	56321.09766	56396.23321	56238.65625	505223.4	5409667.1
L5220.1	505223.4	5409667.1	18615.69922	357.41	0	48.839956	-86.928814	56336.48	56232.5	17.55	56354.02	56321.04297	56386.96535	56231.36328	505223.4	5409667.1
L5220.1	505223.4	5409667.7	18615.80078	358.89	0	48.839961	-86.928814	56336.79	56232.5	17.54	56354.33	56321.41016	56387.54013	56233.91016	505223.4	5409667.7
L5220.1	505223.4	5409668.3	18615.90039	356.74	0	48.839966	-86.928813	56336.79	56232.5	17.54	56354.33	56321.47656	56380.69076	56229.03516	505223.4	5409668.3
L5220.1	505223.4	5409668.3	18616.00000	358.00	0	48.839966	-86.928813	56336.89	56232.5	17.54	56354.43	56321.64453	56376.10684	56226.42969	505223.4	5409668.3
L5220.1	505223.5	5409668.8	18616.09961	357.38	0	48.839971	-86.928813	56336.82	56232.5	17.54	56354.35	56321.63672	56367.16240	56219.46094	505223.5	5409668.8
L5220.1	505223.5	5409669.3	18616.19922	360.96	0	48.839976	-86.928812	56337.06	56232.5	17.54	56354.60	56321.96484	56365.91185	56220.18750	505223.5	5409669.3
L5220.1	505223.5	5409669.3	18616.30078	364.74	0	48.839976	-86.928812	56337.43	56232.5	17.53	56354.96	56322.41016	56367.14820	56223.40234	505223.5	5409669.3
L5220.1	505223.6	5409670.0	18616.40039	364.55	0	48.839982	-86.928811	56337.75	56232.5	17.53	56355.29	56322.82813	56367.55625	56225.78906	505223.6	5409670.0
L5220.1	505223.6	5409670.6	18616.50000	367.41	0	48.839987	-86.928810	56337.78	56232.5	17.53	56355.31	56322.94141	56360.51052	56220.72266	505223.6	5409670.6
L5220.1	505223.6	5409670.6	18616.59961	368.23	0	48.839987	-86.928810	56338.16	56232.5	17.53	56355.69	56323.41797	56361.84929	56224.04297	505223.6	5409670.6
L5220.1	505223.7	5409671.4	18616.69922	368.27	0	48.839994	-86.928810	56338.24	56232.5	17.53	56355.76	56323.59375	56355.72548	56219.89844	505223.7	5409671.4
L5220.1	505223.7	5409671.9	18616.80078	367.73	0	48.839999	-86.928809	56338.35	56232.5	17.52	56355.87	56323.81250	56350.41100	56216.56641	505223.7	5409671.9
L5220.1	505223.7	5409671.9	18616.90039	366.80	0	48.839999	-86.928809	56338.85	56232.5	17.52	56356.37	56324.42969	56354.17794	56222.31641	505223.7	5409671.9
L5220.1	505223.8	5409672.8	18617.00000	364.45	0	48.840007	-86.928809	56338.96	56232.5	17.52	56356.48	56324.66016	56348.57868	56218.69922	505223.8	5409672.8
L5220.1	505223.8	5409673.4	18617.09961	366.61	0	48.840012	-86.928808	56339.34	56232.5	17.52	56356.86	56325.16797	56349.21593	56221.32031	505223.8	5409673.4
L5220.1	505223.8	5409673.4	18617.19922	367.45	0	48.840012	-86.928808	56339.64	56232.5	17.52	56357.16	56325.60156	56347.81021	56221.89453	505223.8	5409673.4
L5220.1	505223.8	5409674.0	18617.30078	366.76	0	48.840018	-86.928808	56339.89	56232.5	17.52	56357.41	56325.98828	56345.06769	56221.13672	505223.8	5409674.0
L5220.1	505223.8	5409674.0	18617.40039	366.36	0	48.840018	-86.928808	56340.21	56232.5	17.52	56357.73	56326.45313	56343.82291	56221.87109	505223.8	5409674.0
L5220.1	505223.8	5409674.8	18617.50000	362.28	0	48.840025	-86.928808	56340.23	56232.5	17.52	56357.75	56326.62500	56335.32411	56215.35547	505223.8	5409674.8
L5220.1	505223.8	5409675.3	18617.59961	361.22	0	48.840030	-86.928808	56340.48	56232.5	17.52	56358.00	56327.03516	56332.10110	56214.11328	505223.8	5409675.3
L5220.1	505223.8	5409676.0	18617.69922	359.89	0	48.840035	-86.928808	56341.10	56232.5	17.52	56358.62	56327.81641	56337.46198	56221.44922	505223.8	5409676.0
L5220.1	505223.8	5409676.7	18617.80078	357.11	0	48.840042	-86.928808	56341.89	56232.5	17.52	56359.41	56328.77734	56346.67552	56232.64453	505223.8	5409676.7
L5220.1	505223.8	5409676.7	18617.90039	353.67	0	48.840042	-86.928808	56342.22	56232.5	17.52	56359.74	56329.28125	56344.84296	56232.78516	505223.8	5409676.7
L5220.1	505223.8	5409677.6	18618.00000	354.69	0	48.840050	-86.928808	56342.30	56232.5	17.52	56359.82	56329.54688	56336.92836	56226.84766	505223.8	5409677.6
L5220.1	505223.8	5409678.3	18618.09961	357.71	0	48.840057	-86.928808	56342.78	56232.5	17.52	56360.30	56330.21484	56338.30025	56230.19141	505223.8	5409678.3
L5220.1	505223.8	5409678.3	18618.19922	359.18	0	48.840057	-86.928808	56343.09	56232.5	17.52	56360.60	56330.70703	56335.24291	56229.10156	505223.8	5409678.3
L5220.1	505223.8	5409679.3	18618.30078	362.50	0	48.840066	-86.928808	56343.86	56232.5	17.52	56361.37	56331.67969	56343.12538	56238.95313	505223.8	5409679.3
L5220.1	505223.8	5409680.2	18618.40039	360.88	0	48.840073	-86.928809	56344.12	56232.5	17.52	56361.63	56332.14453	56338.77409	56236.56641	505223.8	5409680.2
L5220.1	505223.8	5409680.2	18618.50000	358.69	0	48.840073	-86.928809	56344.36	56232.5	17.51	56361.88	56332.60938	56334.01169	56233.76563	505223.8	5409680.2
L5220.1	505223.7	5409681.0	18618.59961	356.58	0	48.840081	-86.928809	56344.78	56232.5	17.51	56362.29	56333.23828	56332.85796	56234.56641	505223.7	5409681.0
L5220.1	505223.7	5409681.9	18618.69922	352.91	0	48.840089	-86.928810	56345.39	56232.5	17.51	56362.90	56334.07031	56336.25895	56239.92188	505223.7	5409681.9
L5220.1	505223.7	5409681.9	18618.80078	352.97	0	48.840089	-86.928810	56345.23	56232.5	17.51	56362.75	56334.15234	56321.51506	56227.12500	505223.7	5409681.9
L5220.1	505223.6	5409682.9	18618.90039	351.36	0	48.840097	-86.928810	56345.95	56232.5	17.51	56363.46	56335.09766	56326.93343	56234.48828	505223.6	5409682.9
L5220.1	505223.6	5409683.7	18619.00000	351.36	0	48.840105	-86.928811	56346.51	56232.5	17.51	56364.02	56335.89844	56328.63269	56238.12500	505223.6	5409683.7
L5220.1	505223.6	5409683.7	18619.09961	353.03	0	48.840105	-86.928811	56346.89	56232.5	17.51	56364.40	56336.52734	56325.90472	56237.33203	505223.6	5409683.7
L5220.1	505223.6	5409684.3	18619.19922	354.06	0	48.840111	-86.928811	56347.74	56232.5	17.51	56365.25	56337.62891	56334.12090	56247.47266	505223.6	5409684.3
L5220.1	505223.5	5409685.0	18619.30078	358.10	0	48.840117	-86.928812	56348.20	56232.5	17.51	56365.71	56338.34375	56332.94753	56248.21875	505223.5	5409685.0
L5220.1	505223.5	5409686.1	18619.40039	359.52	0	48.840126	-86.928812	56348.61	56232.5	17.51	56366.12	56339.01563	56330.42626	56247.60938	505223.5	5409686.1
L5220.1	505223.5	5409686.1	18619.50000	358.61	0	48.840126	-86.928812	56349.12	56232.5	17.51	56366.63	56339.79297	56330.10626	56249.19531	505223.5	5409686.1
L5220.1	505223.5	5409687.0	18619.59961	358.18	0	48.840134	-86.928813	56349.93	56232.5	17.52	56367.44	56340.87500	56336.71927	56257.70703	505223.5	5409687.0
L5220.1	505223.5	5409687.0	18619.69922	355.22	0	48.840134	-86.928813	56350.32	56232.5	17.52	56367.83	56341.53906	56333.24302	56256.11719	505223.5	5409687.0
L5220.1	505223.4	5409688.9	18619.80078	352.21	0	48.840151	-86.928814	56350.64	56232.5	17.52	56368.16	56342.14844	56328.19307	56252.94922	505223.4	5409688.9
L5220.1	505223.4	5409688.9	18619.90039	351.28	0	48.840151	-86.928814	56351.15	56232.5	17.52	56368.67	56342.94141	56327.24771	56253.87500	505223.4	5409688.9
L5220.1	505223.4	5409690.1	18620.00000	354.85	0	48.840162	-86.928814	56351.89	56232.5	17.52	56369.41	56343.96875	56331.59275	56260.08203	505223.4	5409690.1
L5220.1	505223.4	5409690.1	18620.09961	356.91	0	48.840162	-86.928814	56352.94	56232.5	17.52	56370.46	56345.31250	56343.12361	56273.46094	505223.4	5409690.1
L5220.1	505223.3	5409691.2	18620.19922	356.14	0	48.840172	-86.928815	56353.02	56232.5	17.52	56370.54	56345.68750	56331.57749	56263.75391	505223.3	5409691.2
L5220.1	505223.3	5409692.2	18620.30078	356.82	0	48.840181	-86.928815	56353.45	56232.5	17.52	56370.97	56346.41406	56328.17119	56262.17578	505223.3	5409692.2
L5220.1	505223.2	5409693.3	18620.40039	367.33	0	48.840191	-86.928816	56354.02	56232.5	17.52	56371.54	56347.28516	56327.94348	56263.76172	505223.2	5409693.3
L5220.1	505223.2	5409693.3	18620.50000	365.92	0	48.840191	-86.928816	56355.01	56232.5	17.52	56372.53	56348.57813	56337.51984	56275.14063	505223.2	5409693.3
L5220.1	505223.2	5409694.4	18620.59961	366.63	0	48.840201	-86.928816	56355.65	56232.5	17.52	56373.17	56349.52344	56338.69775	56278.10938	505223.2	5409694.4
L5220.1	505223.1	5409695.7	18620.69922	366.98	0	48.840213	-86.928817	56356.71	56232.5	17.52	56374.23	56350.88672	56349.68963	56290.87500	505223.1	5409695.7
L5220.1	505223.1	5409695.7	18620.80078	367.53	0	48.840213	-86.928817	56357.16	56232.5	17.52	56374.68	56351.64844	56346.14540	56289.09375	505223.1	5409695.7
L5220.1	505223.1	5409696.8	18620.90039	368.52	0	48.840223	-86.928818	56357.64	56232.5	17.52	56375.16	56352.43750	56343.20391	56287.89844	505223.1	5409696.8
L5220.1	505223.0	5409698.0	18621.00000	368.21	0	48.840233	-86.928819	56358.18	56232.5	17.52	56375.70	56353.28906	56341.58015	56288.00781	505223.0	5409698.0
L5220.1	505223.0	5409698.8	18621.09961	368.39	0	48.840241	-86.928819	56359.09	56232.5	17.52	56376.61	56354.51172	56348.61016	56296.75000	505223.0	5409698.8
L5220.1	505223.0	5409698.8	18621.19922	366.30	0	48.840241	-86.928819	56360.09	56232.5	17.52	56377.60	56355.81641	56357.44264	56307.28125	505223.0	5409698.8
L5220.1	505222.9	5409699.9	18621.30078	365.32	0	48.840251	-86.928820	56360.83	56232.5	17.52	56378.35	56356.87891	56360.51705	56312.03906	505222.9	5409699.9
L5220.1	505222.9	5409699.9	18621.40039	364.41	0	48.840251	-86.928820	56361.59	56232.5	17.52	56379.11	56357.95313	56363.75123	56316.93750	505222.9	5409699.9
L5220.1	505222.9	5409701.1	18621.50000	364.08	0	48.840261	-86.928821	56362.56	56232.5	17.51	56380.08	56359.23828	56371.88086	56326.71094	505222.9	5409701.1
L5220.1	505222.8	5409702.3	18621.59961	362.62	0	48.840272	-86.928821	56363.20	56232.5	17.51	56380.71	56360.18359	56371.90737	56328.36719	505222.8	5409702.3
L5220.1	505222.8	5409702.3	18621.69922	363.63	0	48.840272	-86.928821	56363.76	56232.5	17.51	56381.27	56361.05469	56370.22200	56328.28516	505222.8	5409702.3
L5220.1	505222.7	5409703.6	18621.80078	362.90	0	48.840284	-86.928822	56364.73	56232.5	17.51	56382.25	56362.34766	56378.41823	56338.07031	505222.7	5409703.6
L5220.1	505222.7	5409704.7	18621.90039	363.72	0	48.840294	-86.928823	56365.45	56232.5	17.51	56382.96	56363.36719	56380.18754	56341.41016	505222.7	5409704.7
L5220.1	505222.7	5409704.7	18622.00000	364.14	0	48.840294	-86.928823	56366.34	56232.5	17.51	56383.85	56364.56641	56386.17788	56348.94531	505222.7	5409704.7
L5220.1	505222.7	5409705.9	18622.09961	365.11	0	48.840305	-86.928823	56367.28	56232.5	17.51	56384.79	56365.81250	56393.32273	56357.61328	505222.7	5409705.9
L5220.1	505222.6	5409707.2	18622.19922	365.63	0	48.840316	-86.928824	56368.20	56232.5	17.51	56385.71	56367.03906	56399.97447	56365.76953	505222.6	5409707.2
L5220.1	505222.6	5409707.2	18622.30078	364.25	0	48.840316	-86.928824	56368.86	56232.5	17.51	56386.37	56368.00000	56400.46582	56367.74219	505222.6	5409707.2
L5220.1	505222.6	5409708.4	18622.40039	364.45	0	48.840327	-86.928824	56369.61	56232.5	17.51	56387.11	56369.04297	56402.84425	56371.57813	505222.6	5409708.4
L5220.1	505222.6	5409709.5	18622.50000	365.04	0	48.840337	-86.928824	56370.39	56232.5	17.51	56387.90	56370.12891	56406.40842	56376.57813	505222.6	5409709.5
L5220.1	505222.6	5409710.4	18622.59961	364.24	0	48.840345	-86.928825	56371.54	56232.5	17.50	56389.05	56371.57031	56418.49671	56390.07422	505222.6	5409710.4
L5220.1	505222.6	5409710.4	18622.69922	361.48	0	48.840345	-86.928825	56372.21	56232.5	17.50	56389.72	56372.53125	56419.25486	56392.21875	505222.6	5409710.4
L5220.1	505222.5	5409712.2	18622.80078	365.01	0	48.840361	-86.928825	56373.31	56232.5	17.50	56390.81	56373.90625	56429.97261	56404.29688	505222.5	5409712.2
L5220.1	505222.5	5409713.1	18622.90039	363.32	0	48.840369	-86.928825	56374.13	56232.5	17.50	56391.63	56375.01172	56434.34285	56410.00781	505222.5	5409713.1
L5220.1	505222.5	5409713.1	18623.00000	363.87	0	48.840369	-86.928825	56374.99	56232.5	17.50	56392.49	56376.14844	56439.70455	56416.67969	505222.5	5409713.1

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5220.1	505222.5	5409714.2	18623.09961	363.75	0	48.840379	-86.928826	56375.63	56232.5	17.50	56393.13	56377.06250	56439.91860	56418.17969	505222.5	5409714.2
L5220.1	505222.5	5409715.1	18623.19922	363.68	0	48.840388	-86.928826	56376.42	56232.5	17.50	56393.92	56378.12109	56443.74299	56423.26172	505222.5	5409715.1
L5220.1	505222.5	5409715.1	18623.30078	365.08	0	48.840388	-86.928826	56377.44	56232.5	17.50	56394.94	56379.40625	56453.07852	56433.82813	505222.5	5409715.1
L5220.1	505222.5	5409716.6	18623.40039	364.63	0	48.840401	-86.928826	56378.16	56232.5	17.50	56395.66	56380.38281	56455.40214	56437.35938	505222.5	5409716.6
L5220.1	505222.5	5409717.8	18623.50000	365.67	0	48.840412	-86.928826	56379.20	56232.5	17.50	56396.69	56381.66797	56465.14729	56448.28516	505222.5	5409717.8
L5220.1	505222.4	5409718.9	18623.59961	364.47	0	48.840422	-86.928826	56379.58	56232.5	17.49	56397.08	56382.30469	56459.85992	56444.14844	505222.4	5409718.9
L5220.1	505222.4	5409718.9	18623.69922	365.49	0	48.840422	-86.928826	56380.91	56232.5	17.49	56398.40	56383.86328	56476.67385	56462.08594	505222.4	5409718.9
L5220.1	505222.4	5409720.3	18623.80078	368.07	0	48.840435	-86.928826	56381.93	56232.5	17.49	56399.43	56385.12891	56486.75094	56473.25781	505222.4	5409720.3
L5220.1	505222.4	5409721.9	18623.90039	367.57	0	48.840449	-86.928826	56382.80	56232.5	17.49	56400.29	56386.21875	56492.93875	56480.51563	505222.4	5409721.9
L5220.1	505222.4	5409721.9	18624.00000	367.94	0	48.840449	-86.928826	56383.77	56232.5	17.49	56401.26	56387.41406	56501.86835	56490.48438	505222.4	5409721.9
L5220.1	505222.4	5409722.9	18624.09961	367.77	0	48.840458	-86.928827	56384.31	56232.5	17.49	56401.80	56388.16797	56500.78132	56490.41016	505222.4	5409722.9
L5220.1	505222.4	5409724.3	18624.19922	368.79	0	48.840470	-86.928827	56384.92	56232.5	17.49	56402.41	56388.98828	56501.51115	56492.12109	505222.4	5409724.3
L5220.1	505222.4	5409725.5	18624.30078	371.50	0	48.840481	-86.928827	56385.66	56232.5	17.49	56403.15	56389.92969	56505.48734	56497.05078	505222.4	5409725.5
L5220.1	505222.4	5409725.5	18624.40039	369.44	0	48.840481	-86.928827	56386.66	56232.5	17.49	56404.15	56391.12500	56515.79476	56508.28516	505222.4	5409725.5
L5220.1	505222.4	5409726.9	18624.50000	369.02	0	48.840494	-86.928827	56387.45	56232.5	17.49	56404.93	56392.09375	56521.09446	56514.48438	505222.4	5409726.9
L5220.1	505222.4	5409726.9	18624.59961	368.00	0	48.840494	-86.928827	56388.41	56232.5	17.49	56405.90	56393.24609	56531.09256	56525.35156	505222.4	5409726.9
L5220.1	505222.4	5409728.3	18624.69922	369.08	0	48.840507	-86.928827	56389.36	56232.5	17.49	56406.85	56394.36719	56540.83489	56535.92969	505222.4	5409728.3
L5220.1	505222.3	5409729.9	18624.80078	370.32	0	48.840520	-86.928827	56390.05	56232.5	17.49	56407.54	56395.22266	56544.65812	56540.56641	505222.3	5409729.9
L5220.1	505222.3	5409729.9	18624.90039	369.45	0	48.840520	-86.928827	56390.64	56232.5	17.49	56408.13	56395.97266	56546.35750	56543.04688	505222.3	5409729.9
L5220.1	505222.3	5409731.4	18625.00000	369.71	0	48.840534	-86.928828	56391.07	56232.5	17.49	56408.56	56396.55078	56544.52637	56541.97266	505222.3	5409731.4
L5220.1	505222.3	5409732.7	18625.09961	369.28	0	48.840546	-86.928828	56391.88	56232.5	17.49	56409.37	56397.50391	56551.94585	56550.11719	505222.3	5409732.7
L5220.1	505222.3	5409733.5	18625.19922	368.35	0	48.840553	-86.928828	56392.58	56232.5	17.49	56410.07	56398.33984	56557.04200	56555.91016	505222.3	5409733.5
L5220.1	505222.3	5409734.9	18625.30078	367.66	0	48.840565	-86.928828	56393.34	56232.5	17.49	56410.83	56399.22656	56563.84739	56563.38281	505222.3	5409734.9
L5220.1	505222.3	5409734.9	18625.40039	367.77	0	48.840565	-86.928828	56393.85	56232.5	17.49	56411.34	56399.85547	56565.04482	56565.22266	505222.3	5409734.9
L5220.1	505222.3	5409736.0	18625.50000	366.49	0	48.840575	-86.928828	56394.44	56232.5	17.49	56411.93	56400.55469	56568.45068	56569.24219	505222.3	5409736.0
L5220.1	505222.3	5409737.1	18625.59961	366.62	0	48.840585	-86.928828	56394.82	56232.5	17.49	56412.31	56401.03906	56567.22115	56568.59766	505222.3	5409737.1
L5220.1	505222.3	5409737.1	18625.69922	365.65	0	48.840585	-86.928828	56395.66	56232.5	17.49	56413.15	56401.97266	56577.21275	56579.14844	505222.3	5409737.1
L5220.1	505222.3	5409738.8	18625.80078	366.15	0	48.840600	-86.928828	56396.14	56232.5	17.49	56413.63	56402.53906	56579.04980	56581.51563	505222.3	5409738.8
L5220.1	505222.3	5409740.2	18625.90039	367.01	0	48.840613	-86.928828	56396.81	56232.5	17.49	56414.30	56403.28516	56585.75182	56588.72266	505222.3	5409740.2
L5220.1	505222.2	5409741.5	18626.00000	367.41	0	48.840624	-86.928829	56397.14	56232.5	17.49	56414.63	56403.68750	56584.80098	56588.25000	505222.2	5409741.5
L5220.1	505222.2	5409741.5	18626.09961	367.26	0	48.840624	-86.928829	56397.50	56232.5	17.49	56414.99	56404.10938	56584.96104	56588.86328	505222.2	5409741.5
L5220.1	505222.2	5409742.8	18626.19922	369.05	0	48.840636	-86.928829	56398.04	56232.5	17.49	56415.53	56404.70313	56589.79392	56594.12109	505222.2	5409742.8
L5220.1	505222.2	5409744.4	18626.30078	368.05	0	48.840651	-86.928829	56398.14	56232.5	17.49	56415.63	56404.84766	56584.65445	56589.38672	505222.2	5409744.4
L5220.1	505222.2	5409745.6	18626.40039	368.30	0	48.840661	-86.928829	56398.70	56232.5	17.49	56416.19	56405.44531	56590.83951	56595.94922	505222.2	5409745.6
L5220.1	505222.2	5409745.6	18626.50000	369.40	0	48.840661	-86.928829	56398.90	56232.5	17.49	56416.39	56405.67578	56588.97529	56594.43750	505222.2	5409745.6
L5220.1	505222.2	5409747.0	18626.59961	369.01	0	48.840675	-86.928830	56399.48	56232.5	17.49	56416.97	56406.28125	56596.57586	56602.36719	505222.2	5409747.0
L5220.1	505222.1	5409748.5	18626.69922	368.62	0	48.840688	-86.928830	56399.82	56232.5	17.49	56417.31	56406.63672	56598.99712	56605.08984	505222.1	5409748.5
L5220.1	505222.1	5409748.5	18626.80078	367.79	0	48.840688	-86.928830	56399.85	56232.5	17.49	56417.34	56406.67188	56594.60048	56600.97656	505222.1	5409748.5
L5220.1	505222.1	5409750.5	18626.90039	368.16	0	48.840706	-86.928830	56399.92	56232.5	17.49	56417.41	56406.74219	56591.67891	56598.31641	505222.1	5409750.5
L5220.1	505222.1	5409750.5	18627.00000	367.18	0	48.840706	-86.928830	56399.77	56232.5	17.49	56417.26	56406.58594	56584.10160	56590.97656	505222.1	5409750.5
L5220.1	505222.1	5409752.0	18627.09961	367.05	0	48.840719	-86.928831	56400.51	56232.5	17.49	56418.00	56407.31250	56598.13293	56605.22656	505222.1	5409752.0
L5220.1	505222.1	5409753.1	18627.19922	369.52	0	48.840729	-86.928831	56400.23	56232.5	17.49	56417.72	56407.00781	56588.62685	56595.91406	505222.1	5409753.1
L5220.1	505222.0	5409754.6	18627.30078	368.60	0	48.840743	-86.928831	56400.74	56232.5	17.49	56418.23	56407.49219	56598.40037	56605.86328	505222.0	5409754.6
L5220.1	505222.0	5409754.6	18627.40039	366.96	0	48.840743	-86.928831	56400.34	56232.5	17.49	56417.83	56407.05469	56587.27357	56594.89453	505222.0	5409754.6
L5220.1	505222.0	5409756.1	18627.50000	368.40	0	48.840756	-86.928831	56400.51	56232.5	17.49	56418.00	56407.18359	56590.26076	56598.01953	505222.0	5409756.1
L5220.1	505222.0	5409756.1	18627.59961	366.51	0	48.840756	-86.928831	56400.41	56232.5	17.49	56417.90	56407.03516	56587.51796	56595.39453	505222.0	5409756.1
L5220.1	505222.0	5409757.8	18627.69922	368.00	0	48.840771	-86.928832	56400.23	56232.5	17.49	56417.72	56406.80078	56583.55669	56591.53516	505222.0	5409757.8
L5220.1	505222.0	5409759.1	18627.80078	369.12	0	48.840784	-86.928832	56400.77	56232.5	17.49	56418.26	56407.27734	56597.31269	56605.37500	505222.0	5409759.1
L5220.1	505222.0	5409760.9	18627.90039	369.34	0	48.840799	-86.928832	56399.90	56232.5	17.49	56417.39	56406.33984	56578.43933	56586.57031	505222.0	5409760.9
L5220.1	505222.0	5409760.9	18628.00000	370.20	0	48.840799	-86.928832	56400.23	56232.5	17.49	56417.72	56406.59766	56588.67182	56596.85547	505222.0	5409760.9
L5220.1	505222.0	5409762.1	18628.09961	368.59	0	48.840810	-86.928832	56399.62	56232.5	17.49	56417.11	56405.91016	56577.42744	56585.64844	505222.0	5409762.1
L5220.1	505222.0	5409763.6	18628.19922	367.97	0	48.840824	-86.928832	56400.00	56232.5	17.49	56417.48	56406.19922	56590.12601	56598.36719	505222.0	5409763.6
L5220.1	505222.0	5409763.6	18628.30078	365.58	0	48.840824	-86.928832	56399.16	56232.5	17.48	56416.64	56405.26953	56575.00279	56583.25391	505222.0	5409763.6
L5220.1	505222.0	5409764.9	18628.40039	364.61	0	48.840836	-86.928831	56399.26	56232.5	17.48	56416.74	56405.27344	56582.91641	56591.16406	505222.0	5409764.9
L5220.1	505222.0	5409766.2	18628.50000	361.78	0	48.840847	-86.928831	56398.44	56232.5	17.48	56415.92	56404.35547	56569.90551	56578.13672	505222.0	5409766.2
L5220.1	505222.0	5409767.5	18628.59961	360.28	0	48.840859	-86.928831	56398.47	56232.5	17.48	56415.95	56404.28516	56577.84345	56586.04688	505222.0	5409767.5
L5220.1	505222.0	5409767.5	18628.69922	359.00	0	48.840859	-86.928831	56398.09	56232.5	17.48	56415.56	56403.78516	56576.72007	56584.88672	505222.0	5409767.5
L5220.1	505222.0	5409769.2	18628.80078	361.24	0	48.840874	-86.928831	56397.81	56232.5	17.47	56415.28	56403.39453	56579.08790	56587.20313	505222.0	5409769.2
L5220.1	505222.0	5409770.5	18628.90039	362.21	0	48.840886	-86.928831	56397.58	56232.5	17.47	56415.05	56403.05078	56583.54841	56591.60938	505222.0	5409770.5
L5220.1	505222.0	5409770.5	18629.00000	361.52	0	48.840886	-86.928831	56396.64	56232.5	17.47	56414.11	56401.99219	56572.15091	56580.14453	505222.0	5409770.5
L5220.1	505222.1	5409772.3	18629.09961	360.52	0	48.840902	-86.928831	56396.30	56232.5	17.47	56413.77	56401.53125	56575.89171	56583.80859	505222.1	5409772.3
L5220.1	505222.1	5409773.7	18629.19922	361.95	0	48.840915	-86.928831	56395.07	56232.5	17.47	56412.55	56400.18750	56559.79498	56567.62891	505222.1	5409773.7
L5220.1	505222.1	5409773.7	18629.30078	359.62	0	48.840915	-86.928831	56395.23	56232.5	17.48	56412.70	56400.20703	56577.08405	56584.83203	505222.1	5409773.7
L5220.1	505222.1	5409774.9	18629.40039	363.02	0	48.840925	-86.928831	56394.13	56232.5	17.48	56411.61	56398.98828	56566.06303	56573.71484	505222.1	5409774.9
L5220.1	505222.1	5409776.2	18629.50000	364.90	0	48.840937	-86.928831	56393.88	56232.5	17.48	56411.36	56398.60547	56575.93518	56583.48828	505222.1	5409776.2
L5220.1	505222.1	5409776.2	18629.59961	367.62	0	48.840937	-86.928831	56392.83	56232.5	17.48	56410.31	56397.42188	56567.94085	56575.38672	505222.1	5409776.2
L5220.1	505222.1	5409777.8	18629.69922	368.92	0	48.840952	-86.928831	56392.06	56232.5	17.48	56409.55	56396.52734	56567.87350	56575.21094	505222.1	5409777.8
L5220.1	505222.1	5409779.6	18629.80078	368.73	0	48.840967	-86.928830	56391.17	56232.5	17.49	56408.66	56395.50000	56565.82106	56573.04688	505222.1	5409779.6
L5220.1	505222.1	5409780.5	18629.90039	370.71	0	48.840976	-86.928830	56390.33	56232.5	17.49	56407.82	56394.51953	56566.05872	56573.17188	505222.1	5409780.5
L5220.1	505222.1	5409780.5	18630.00000	369.91	0	48.840976	-86.928830	56389.82	56232.5	17.49	56407.31	56393.87109	56575.22602	56582.22266	505222.1	5409780.5
L5220.1	505222.1	5409781.9	18630.09961	368.59	0	48.840988	-86.928830	56388.52	56232.5	17.49	56406.01	56392.42969	56566.85787	56573.73828	505222.1	5409781.9
L5220.1	505222.1	5409784.0	18630.19922	368.60	0	48.841007	-86.928830	56387.78	56232.5	17.49	56405.26	56391.53906	56572.65778	56579.42188	505222.1	5409784.0
L5220.1	505222.1	5409784.0	18630.30078	367.88	0	48.841007	-86.928830	56386.32	56232.5	17.49	56403.81	56389.94922	56563.08598	56569.73047	505222.1	5409784.0
L5220.1	505222.1	5409785.8	18630.40039	368.32	0	48.841023	-86.928830	56385.84	56232.5	17.49	56403.33	56389.32813	56577.64832	56584.17578	505222.1	5409785.8
L5220.1	505222.1	5409786.9	18630.50000	367.66	0	48.841034	-86.928830	56384.54	56232.5	17.49	56402.02	56387.87500	56573.79891	56580.21094	505222.1	5409786.9
L5220.1	505222.1	5409788.1	18630.59961	368.63	0	48.841044	-86.928829	56383.44	56232.5	17.48	56400.92	56386.63672	56576.14576	56582.44531	505222.1	5409788.1
L5220.1	505222.1	5409788.1	18630.69922	370.71	0	48.841044	-86.928829	56381.93	56232.5	17.48	56399.41	56384.98828	56570.04412	56576.23047	505222.1	5409788.1
L5220.1	505222.2	5409789.5	18630.80078	369.61	0	48.841057	-86.928829	56380.89	56232.5	17.48	56398.37	56383.80859	56576.31760	56582.39453	505222.2	5409789.5
L5220.1	505222.2	5409790.9	18630.90039	369.89	0	48.841069	-86.928829	56379.78	56232.5	17.48	56397.26	56382.56250	56582.21200	56588.18359	505222.2	5409790.9
L5220.1	505222.2	5409792.5	18631.00000	369.51	0	48.841084	-86.928828	56378.39	56232.5	17.48	56395.87	56381.03906	56582.77565	56588.64844	505222.2	5409792.5
L5220.1	505222.2	5409792.5	18631.09961	367.90	0	48.841084	-86.928828	56377.21	56232.5	17.48	56394.69	56379.72656	56589.60838	56595.38281	505222.2	5409792.5
L5220.1	505222.2	5409793.9	18631.19922	368.01	0	48.841096	-86.928828	56375.38	56232.5	17.48	56392.86	56377.76563	56582.38733	56588.07031	505222.2	5409793.9
L5220.1	505222.3	5409795.3	18631.30078	367.41	0	48.841109	-86.928828	56374.33	56232.5	17.48	56391.81	56376.58594	56594.93807	56600.53516	505222.3	5409795.3
L5220.1	505222.3	5409796.7	18631.40039	365.33	0	48.841121	-86.928827	56372.21	56232.5	17.48	56389.69	56374.33984	56583.52682	56589.04297	505222.3	5409796.7
L5220.1	505222.3	5409798.1	18631.50000	363.32	0	48.841134	-86.928827	56371.32	56232.5	17.48	56388.80	56373.32813	56602.54954	56607.99219	505222.3	5409798.1
L5220.1	505222.3	5409798.1	18631.59961	363.90	0	48.841134	-86.928827	56369.32	56232.5	17.48	56386.80	56371.20703	56596.68434	56602.05859	505222.3	5409798.1
L5220.1	505222.3	5409799.8	18631.69922	364.83	0	48.841149	-86.928827	56367.87	56232.5	17.48	56385.35	56369.64063	56605.19213	56610.50391	505222.3	5409799.8
L5220.1	505222.3	5409799.8	18631.80078	364.58	0	48.841149	-86.928827	56365.98	56232.5	17.48	56383.46	56367.63672	56604.67125	56609.92969	505222.3	5409799.8
L5220.1	505222.4	5409802.5	18631.90039	365.20	0	48.841173	-86.928826	56364.45	56232.5	17.48	56381.93	56365.99609	56614.04533	56619.25781	505222.4	5409802.5
L5220.1	505222.4	5409802.5	18632.00000	364.02	0	48.841173	-86.928826	56362.79	56232.5	17.48	56380.27	56364.23047	56621.73381	56626.91016	505222.4	5409802.5
L5220.1	505222.4	5409803.9	18632.09961	363.98	0	48.841187	-86.928826	56360.46	56232.5	17.48	56377.95	56361.80859	56615.20933	56620.35547	505222.4	5409803.9
L5220.1	505222.4	5409803.9	18632.19922	363.16	0	48.841187	-86.928826	56358.81	56232.5	17.48	56376.29	56360.05078	56625.68845	56630.81250	505222.4	5409803.9
L5220.1	505222.4	5409805.6	18632.30078	364.41	0	48.841201	-86.928825	56356.39	56232.5	17.48	56373.87	56357.53906	56619.59694	56624.70703	505222.4	5409805.6

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5220.1	505222.5	5409807.3	18632.40039	365.74	0	48.841217	-86.928825	56354.68	56232.5	17.48	56372.16	56355.73828	56631.69614	56636.80469	505222.5	5409807.3
L5220.1	505222.5	5409808.5	18632.50000	367.94	0	48.841227	-86.928824	56352.30	56232.5	17.48	56369.78	56353.27344	56629.35551	56634.46875	505222.5	5409808.5
L5220.1	505222.5	5409808.5	18632.59961	369.16	0	48.841227	-86.928824	56350.49	56232.5	17.48	56367.97	56351.38672	56641.89568	56647.02344	505222.5	5409808.5
L5220.1	505222.5	5409809.9	18632.69922	368.64	0	48.841240	-86.928824	56348.25	56232.5	17.48	56365.73	56349.07031	56645.66931	56650.82031	505222.5	5409809.9
L5220.1	505222.6	5409811.8	18632.80078	369.17	0	48.841257	-86.928823	56345.54	56232.5	17.48	56363.02	56346.29297	56639.72799	56644.91406	505222.6	5409811.8
L5220.1	505222.6	5409811.8	18632.90039	369.10	0	48.841257	-86.928823	56343.29	56232.5	17.48	56360.77	56343.98047	56646.05867	56651.28516	505222.6	5409811.8
L5220.1	505222.6	5409813.4	18633.00000	367.67	0	48.841272	-86.928823	56340.84	56232.5	17.48	56358.32	56341.46875	56649.05014	56654.33203	505222.6	5409813.4
L5220.1	505222.7	5409815.0	18633.09961	364.71	0	48.841286	-86.928822	56338.57	56232.5	17.48	56356.05	56339.14844	56657.68170	56663.02344	505222.7	5409815.0
L5220.1	505222.7	5409815.0	18633.19922	364.20	0	48.841286	-86.928822	56335.89	56232.5	17.48	56353.37	56336.42188	56657.99495	56663.41016	505222.7	5409815.0
L5220.1	505222.7	5409816.9	18633.30078	365.55	0	48.841303	-86.928821	56333.32	56232.5	17.48	56350.80	56333.81250	56662.27719	56667.77344	505222.7	5409816.9
L5220.1	505222.7	5409818.6	18633.40039	366.36	0	48.841319	-86.928821	56330.27	56232.5	17.48	56347.75	56330.72656	56656.56752	56662.15625	505222.7	5409818.6
L5220.1	505222.8	5409820.3	18633.50000	365.60	0	48.841333	-86.928821	56327.83	56232.5	17.48	56345.31	56328.25781	56666.62895	56672.31641	505222.8	5409820.3
L5220.1	505222.8	5409820.3	18633.59961	365.60	0	48.841333	-86.928821	56324.92	56232.5	17.48	56342.40	56325.32422	56666.91157	56672.71094	505222.8	5409820.3
L5220.1	505222.8	5409821.9	18633.69922	366.37	0	48.841348	-86.928820	56322.11	56232.5	17.48	56339.59	56322.50000	56670.87999	56676.79688	505222.8	5409821.9
L5220.1	505222.8	5409821.9	18633.80078	366.92	0	48.841348	-86.928820	56318.72	56232.5	17.48	56336.20	56319.09766	56662.44016	56668.48828	505222.8	5409821.9
L5220.1	505222.8	5409823.3	18633.90039	365.88	0	48.841360	-86.928820	56315.81	56232.5	17.48	56333.29	56316.18359	56666.64064	56672.82422	505222.8	5409823.3
L5220.1	505222.8	5409824.8	18634.00000	366.07	0	48.841375	-86.928820	56312.60	56232.5	17.48	56330.08	56312.97656	56665.02026	56671.35156	505222.8	5409824.8
L5220.1	505222.8	5409826.2	18634.09961	364.24	0	48.841387	-86.928819	56309.35	56232.5	17.48	56326.83	56309.73438	56663.70833	56670.19531	505222.8	5409826.2
L5220.1	505222.8	5409826.2	18634.19922	364.20	0	48.841387	-86.928819	56306.19	56232.5	17.47	56323.66	56306.58203	56665.52246	56672.17578	505222.8	5409826.2
L5220.1	505222.9	5409827.9	18634.30078	364.24	0	48.841402	-86.928819	56302.72	56232.5	17.47	56320.19	56303.13281	56661.45605	56668.28125	505222.9	5409827.9
L5220.1	505222.9	5409829.5	18634.40039	362.25	0	48.841417	-86.928819	56299.14	56232.5	17.46	56316.61	56299.58203	56655.97946	56662.98828	505222.9	5409829.5
L5220.1	505222.9	5409829.5	18634.50000	363.22	0	48.841417	-86.928819	56295.22	56232.5	17.46	56312.68	56295.68750	56643.39402	56650.58984	505222.9	5409829.5
L5220.1	505222.9	5409831.2	18634.59961	363.60	0	48.841432	-86.928819	56291.87	56232.5	17.46	56309.32	56292.37109	56645.42913	56652.82422	505222.9	5409831.2
L5220.1	505222.9	5409832.6	18634.69922	365.68	0	48.841444	-86.928818	56288.17	56232.5	17.45	56305.62	56288.71875	56640.54096	56648.14063	505222.9	5409832.6
L5220.1	505222.9	5409834.3	18634.80078	366.17	0	48.841459	-86.928818	56284.57	56232.6	17.45	56302.01	56285.16406	56638.86999	56646.68359	505222.9	5409834.3
L5220.1	505222.9	5409834.3	18634.90039	366.89	0	48.841459	-86.928818	56280.64	56232.6	17.44	56298.09	56281.30859	56630.92944	56638.96094	505222.9	5409834.3
L5220.1	505222.9	5409835.7	18635.00000	365.86	0	48.841472	-86.928818	56276.38	56232.6	17.44	56293.82	56277.10547	56615.74389	56624.00391	505222.9	5409835.7
L5220.1	505222.9	5409837.4	18635.09961	365.24	0	48.841488	-86.928818	56272.61	56232.6	17.44	56290.05	56273.41016	56613.38167	56621.87500	505222.9	5409837.4
L5220.1	505222.9	5409839.0	18635.19922	364.08	0	48.841502	-86.928818	56268.41	56232.6	17.44	56285.85	56269.29297	56601.82027	56610.55469	505222.9	5409839.0
L5220.1	505222.9	5409839.0	18635.30078	364.03	0	48.841502	-86.928818	56264.11	56232.6	17.44	56281.55	56265.08203	56588.82993	56597.81250	505222.9	5409839.0
L5220.1	505222.9	5409840.3	18635.40039	363.76	0	48.841514	-86.928818	56259.84	56232.6	17.44	56277.29	56260.91797	56577.68716	56586.92188	505222.9	5409840.3
L5220.1	505222.9	5409841.7	18635.50000	364.58	0	48.841527	-86.928818	56255.40	56232.6	17.44	56272.84	56256.56641	56562.91842	56572.41016	505222.9	5409841.7
L5220.1	505222.9	5409841.7	18635.59961	363.86	0	48.841527	-86.928818	56251.29	56232.6	17.45	56268.74	56252.57813	56557.25657	56567.01563	505222.9	5409841.7
L5220.1	505222.9	5409843.4	18635.69922	364.28	0	48.841542	-86.928818	56247.00	56232.6	17.45	56264.45	56248.40234	56547.89590	56557.92578	505222.9	5409843.4
L5220.1	505222.9	5409843.4	18635.80078	364.88	0	48.841542	-86.928818	56242.16	56232.6	17.45	56259.61	56243.68359	56526.28606	56536.59375	505222.9	5409843.4
L5220.1	505222.9	5409845.0	18635.90039	363.06	0	48.841556	-86.928818	56237.51	56232.6	17.45	56254.96	56239.16016	56509.88632	56520.47656	505222.9	5409845.0
L5220.1	505222.9	5409846.5	18636.00000	363.39	0	48.841569	-86.928818	56233.00	56232.6	17.45	56250.45	56234.78125	56497.47483	56508.34766	505222.9	5409846.5
L5220.1	505222.9	5409848.4	18636.09961	363.53	0	48.841587	-86.928818	56228.02	56232.6	17.45	56245.47	56229.94141	56474.58726	56485.75391	505222.9	5409848.4
L5220.1	505222.9	5409849.9	18636.19922	363.46	0	48.841600	-86.928818	56223.14	56232.6	17.45	56240.59	56225.20703	56454.66065	56466.12500	505222.9	5409849.9
L5220.1	505222.9	5409849.9	18636.30078	364.18	0	48.841600	-86.928818	56218.32	56232.6	17.45	56235.77	56220.53906	56436.70735	56448.47266	505222.9	5409849.9
L5220.1	505222.9	5409851.2	18636.40039	364.38	0	48.841612	-86.928818	56213.50	56232.6	17.45	56230.95	56215.87891	56419.26612	56431.33594	505222.9	5409851.2
L5220.1	505222.9	5409852.8	18636.50000	366.58	0	48.841627	-86.928818	56208.44	56232.6	17.45	56225.89	56210.98047	56396.61880	56408.99609	505222.9	5409852.8
L5220.1	505222.9	5409852.8	18636.59961	364.32	0	48.841627	-86.928818	56203.29	56232.6	17.45	56220.74	56206.00000	56372.26860	56384.96094	505222.9	5409852.8
L5220.1	505222.9	5409854.5	18636.69922	365.55	0	48.841641	-86.928818	56198.18	56232.6	17.45	56215.63	56201.06641	56349.24526	56362.25391	505222.9	5409854.5
L5220.1	505222.9	5409856.2	18636.80078	363.75	0	48.841656	-86.928819	56193.46	56232.6	17.45	56210.91	56196.52734	56335.78013	56349.10938	505222.9	5409856.2
L5220.1	505222.8	5409858.0	18636.90039	365.34	0	48.841673	-86.928819	56188.18	56232.6	17.45	56205.63	56191.42969	56309.36448	56323.01953	505222.8	5409858.0
L5220.1	505222.8	5409858.0	18637.00000	365.80	0	48.841673	-86.928819	56182.85	56232.6	17.45	56200.30	56186.29297	56282.01221	56295.99219	505222.8	5409858.0
L5220.1	505222.8	5409859.4	18637.09961	365.59	0	48.841686	-86.928819	56177.34	56232.6	17.45	56194.79	56180.97656	56250.60352	56264.91797	505222.8	5409859.4
L5220.1	505222.8	5409860.9	18637.19922	367.99	0	48.841699	-86.928819	56172.43	56232.6	17.45	56189.88	56176.26953	56233.53609	56248.18359	505222.8	5409860.9
L5220.1	505222.8	5409860.9	18637.30078	366.79	0	48.841699	-86.928819	56167.16	56232.6	17.45	56184.61	56171.20703	56208.06354	56223.05078	505222.8	5409860.9
L5220.1	505222.8	5409863.2	18637.40039	368.01	0	48.841719	-86.928819	56162.12	56232.6	17.45	56179.57	56166.37891	56188.09045	56203.41406	505222.8	5409863.2
L5220.1	505222.8	5409864.1	18637.50000	367.08	0	48.841728	-86.928820	56156.52	56232.6	17.45	56173.97	56160.99219	56154.88995	56170.55859	505222.8	5409864.1
L5220.1	505222.8	5409864.1	18637.59961	366.59	0	48.841728	-86.928820	56151.48	56232.6	17.45	56168.93	56156.17578	56134.89878	56150.91016	505222.8	5409864.1
L5220.1	505222.8	5409865.9	18637.69922	367.04	0	48.841744	-86.928820	56146.09	56232.6	17.45	56163.54	56151.00781	56106.55252	56122.91406	505222.8	5409865.9
L5220.1	505222.8	5409865.9	18637.80078	370.66	0	48.841744	-86.928820	56140.91	56232.6	17.45	56158.36	56146.05859	56083.04625	56099.75781	505222.8	5409865.9
L5220.1	505222.8	5409867.9	18637.90039	372.08	0	48.841762	-86.928820	56135.64	56232.6	17.45	56153.09	56141.02344	56057.23968	56074.30469	505222.8	5409867.9
L5220.1	505222.7	5409868.8	18638.00000	372.39	0	48.841770	-86.928820	56130.36	56232.6	17.45	56147.81	56135.98047	56030.97814	56048.39844	505222.7	5409868.8
L5220.1	505222.7	5409868.8	18638.09961	372.93	0	48.841770	-86.928820	56125.21	56232.5	17.45	56142.66	56131.07031	56007.52592	56025.30469	505222.7	5409868.8
L5220.1	505222.7	5409870.3	18638.19922	372.45	0	48.841784	-86.928820	56119.94	56232.5	17.45	56137.39	56126.04688	55980.92567	55999.06250	505222.7	5409870.3
L5220.1	505222.7	5409871.7	18638.30078	372.16	0	48.841796	-86.928820	56114.68	56232.5	17.46	56132.14	56121.04688	55954.44228	55972.94141	505222.7	5409871.7
L5220.1	505222.7	5409872.9	18638.40039	372.12	0	48.841807	-86.928821	56109.59	56232.5	17.46	56127.04	56116.19922	55931.10453	55949.96484	505222.7	5409872.9
L5220.1	505222.7	5409874.6	18638.50000	371.68	0	48.841822	-86.928821	56104.18	56232.5	17.46	56121.64	56111.05469	55900.22703	55919.45313	505222.7	5409874.6
L5220.1	505222.7	5409875.6	18638.59961	370.79	0	48.841831	-86.928821	56099.09	56232.5	17.46	56116.56	56106.23438	55876.42596	55896.01563	505222.7	5409875.6
L5220.1	505222.7	5409875.6	18638.69922	372.28	0	48.841831	-86.928821	56093.88	56232.5	17.46	56111.35	56101.28516	55849.01692	55868.97656	505222.7	5409875.6
L5220.1	505222.7	5409875.6	18638.80078	374.59	0	48.841831	-86.928821	56088.86	56232.5	17.47	56106.32	56096.51953	55825.28697	55845.61719	505222.7	5409875.6
L5220.1	505222.7	5409877.3	18638.90039	375.01	0	48.841846	-86.928821	56084.05	56232.5	17.47	56101.51	56091.98047	55806.13942	55826.83984	505222.7	5409877.3
L5220.1	505222.7	5409879.0	18639.00000	374.76	0	48.841862	-86.928821	56079.32	56232.5	17.47	56096.79	56087.52734	55788.45842	55809.53125	505222.7	5409879.0
L5220.1	505222.7	5409879.0	18639.09961	376.14	0	48.841862	-86.928821	56074.11	56232.5	17.47	56091.57	56082.58203	55758.25172	55779.69531	505222.7	5409879.0
L5220.1	505222.6	5409880.5	18639.19922	377.77	0	48.841876	-86.928821	56069.27	56232.5	17.46	56086.74	56078.02734	55736.52382	55758.34375	505222.6	5409880.5
L5220.1	505222.6	5409881.8	18639.30078	377.60	0	48.841887	-86.928822	56064.34	56232.5	17.46	56081.80	56073.36719	55711.41216	55733.60938	505222.6	5409881.8
L5220.1	505222.6	5409883.1	18639.40039	375.38	0	48.841899	-86.928822	56059.67	56232.5	17.46	56077.13	56068.97656	55691.86346	55714.43750	505222.6	5409883.1
L5220.1	505222.6	5409883.1	18639.50000	373.11	0	48.841899	-86.928822	56055.20	56232.5	17.46	56072.66	56064.78906	55676.18465	55699.13281	505222.6	5409883.1
L5220.1	505222.6	5409884.6	18639.59961	375.66	0	48.841912	-86.928822	56050.76	56232.5	17.45	56068.21	56060.62109	55660.08256	55683.41016	505222.6	5409884.6
L5220.1	505222.6	5409885.8	18639.69922	375.82	0	48.841923	-86.928822	56046.23	56232.6	17.45	56063.68	56056.37500	55641.15664	55664.86328	505222.6	5409885.8
L5220.1	505222.5	5409886.7	18639.80078	376.03	0	48.841931	-86.928823	56041.68	56232.6	17.45	56059.13	56052.11328	55620.79069	55644.87891	505222.5	5409886.7
L5220.1	505222.5	5409886.7	18639.90039	376.63	0	48.841931	-86.928823	56037.33	56232.6	17.44	56054.77	56048.03906	55603.91642	55628.38281	505222.5	5409886.7
L5220.1	505222.5	5409888.0	18640.00000	376.12	0	48.841943	-86.928823	56033.02	56232.6	17.44	56050.46	56044.01953	55587.19055	55612.03516	505222.5	5409888.0
L5220.1	505222.5	5409889.3	18640.09961	378.69	0	48.841955	-86.928823	56028.83	56232.6	17.44	56046.27	56040.11719	55572.23653	55597.46094	505222.5	5409889.3
L5220.1	505222.5	5409890.4	18640.19922	376.75	0	48.841964	-86.928824	56024.68	56232.6	17.45	56042.13	56036.26953	55557.36850	55582.97656	505222.5	5409890.4
L5220.1	505222.5	5409890.4	18640.30078	377.57	0	48.841964	-86.928824	56020.64	56232.5	17.45	56038.09	56032.51953	55543.73925	55569.72656	505222.5	5409890.4
L5220.1	505222.4	5409892.0	18640.40039	379.11	0	48.841979	-86.928824	56016.89	56232.5	17.46	56034.34	56029.06250	55535.81319	55562.17969	505222.4	5409892.0
L5220.1	505222.4	5409893.4	18640.50000	376.77	0	48.841991	-86.928824	56012.94	56232.5	17.46	56030.40	56025.41406	55522.21314	55548.96094	505222.4	5409893.4
L5220.1	505222.4	5409894.9	18640.59961	377.51	0	48.842004	-86.928825	56009.02	56232.5	17.46	56026.48	56021.78516	55507.87883	55535.00781	505222.4	5409894.9
L5220.1	505222.4	5409894.9	18640.69922	377.43	0	48.842004	-86.928825	56005.48	56232.5	17.47	56022.95	56018.55078	55501.53453	55529.04297	505222.4	5409894.9
L5220.1	505222.4	5409896.0	18640.80078	377.45	0	48.842015	-86.928825	56002.04	56232.5	17.47	56019.51	56015.40234	55496.06304	55523.95313	505222.4	5409896.0
L5220.1	505222.3	5409897.1	18640.90039	377.05	0	48.842025	-86.928825	55998.83	56232.5	17.48	56016.30	56012.48438	55494.75259	55523.01953	505222.3	5409897.1
L5220.1	505222.3	5409897.1	18641.00000	377.34	0	48.842025	-86.928825	55995.41	56232.5	17.48	56012.89	56009.36328	55487.41450	55516.05859	505222.3	5409897.1
L5220.1	505222.3	5409898.7	18641.09961	376.53	0	48.842039	-86.928826	55992.25	56232.5	17.48	56009.73	56006.49609	55484.66979	55513.69141	505222.3	5409898.7
L5220.1	505222.3	5409899.6	18641.19922	375.40	0	48.842047	-86.928826	55988.96	56232.5	17.47	56006.43	56003.48828	55477.27819	55506.67578	505222.3	5409899.6
L5220.1	505222.3	5409899.6	18641.30078	375.60	0	48.842047	-86.928826	55985.60	56232.5	17.47	56003.07	56000.41406	55467.11428	55496.88672	505222.3	5409899.6
L5220.1	505222.3	5409901.0	18641.40039	374.22	0	48.842060	-86.928826	55982.66	56232.5	17.47	56000.13	55997.76563	55465.51233	55495.65625	505222.3	5409901.0
L5220.1	505222.2	5409902.0	18641.50000	374.78	0	48.842069	-86.928827	55979.66	56232.5	17.47	55997.12	55995.03906	55460.87132	55491.38672	505222.2	5409902.0
L5220.1	505222.2	5409903.3	18641.59961	373.64	0	48.842080	-86.928827	55977.07	56232.5	17.46	55994.54	55992.74609	55465.00099	55495.88672	505222.2	5409903.3

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5220.1	505222.2	5409903.3	18641.69922	372.16	0	48.842080	-86.928827	55974.24	56232.5	17.46	55991.70	55990.19141	55461.57374	55492.82813	505222.2	5409903.3
L5220.1	505222.2	5409904.4	18641.80078	371.42	0	48.842091	-86.928827	55971.46	56232.5	17.46	55988.91	55987.68359	55457.90913	55489.53125	505222.2	5409904.4
L5220.1	505222.2	5409905.3	18641.90039	370.01	0	48.842099	-86.928828	55968.88	56232.5	17.45	55986.33	55985.38281	55457.78113	55489.76563	505222.2	5409905.3
L5220.1	505222.2	5409906.2	18642.00000	371.89	0	48.842106	-86.928828	55966.40	56232.6	17.45	55983.85	55983.18359	55458.58054	55490.92578	505222.2	5409906.2
L5220.1	505222.1	5409907.3	18642.09961	371.02	0	48.842116	-86.928828	55964.05	56232.5	17.45	55981.50	55981.10938	55461.00986	55493.71484	505222.1	5409907.3
L5220.1	505222.1	5409907.3	18642.19922	371.77	0	48.842116	-86.928828	55961.82	56232.5	17.45	55979.27	55979.15625	55464.82696	55497.89063	505222.1	5409907.3
L5220.1	505222.1	5409908.4	18642.30078	370.05	0	48.842126	-86.928828	55959.64	56232.5	17.46	55977.10	55977.25781	55468.60865	55502.02734	505222.1	5409908.4
L5220.1	505222.1	5409908.4	18642.40039	369.37	0	48.842126	-86.928828	55957.57	56232.5	17.46	55975.03	55975.45703	55473.29750	55507.06641	505222.1	5409908.4
L5220.1	505222.1	5409909.5	18642.50000	370.10	0	48.842136	-86.928828	55955.27	56232.5	17.46	55972.73	55973.42578	55471.08829	55505.20703	505222.1	5409909.5
L5220.1	505222.1	5409909.5	18642.59961	368.31	0	48.842136	-86.928828	55953.42	56232.5	17.46	55970.88	55971.83984	55478.05932	55512.52344	505222.1	5409909.5
L5220.1	505222.1	5409910.4	18642.69922	368.81	0	48.842144	-86.928828	55951.63	56232.5	17.46	55969.09	55970.31250	55484.98890	55519.79297	505222.1	5409910.4
L5220.1	505222.1	5409911.4	18642.80078	367.85	0	48.842153	-86.928828	55950.18	56232.5	17.47	55967.65	55969.12891	55498.73564	55533.87891	505222.1	5409911.4
L5220.1	505222.2	5409912.5	18642.90039	369.17	0	48.842163	-86.928828	55948.44	56232.5	17.47	55965.91	55967.64453	55503.93211	55539.40625	505222.2	5409912.5
L5220.1	505222.2	5409913.6	18643.00000	369.63	0	48.842173	-86.928828	55946.79	56232.5	17.47	55964.26	55966.24609	55509.80366	55545.60938	505222.2	5409913.6
L5220.1	505222.2	5409913.6	18643.09961	371.50	0	48.842173	-86.928828	55945.07	56232.5	17.47	55962.54	55964.77734	55512.57141	55548.69922	505222.2	5409913.6
L5220.1	505222.2	5409914.2	18643.19922	372.05	0	48.842179	-86.928827	55943.66	56232.5	17.46	55961.12	55963.60156	55520.98981	55557.44141	505222.2	5409914.2
L5220.1	505222.2	5409915.2	18643.30078	371.49	0	48.842188	-86.928827	55941.99	56232.5	17.46	55959.45	55962.17578	55522.06004	55558.82813	505222.2	5409915.2
L5220.1	505222.2	5409915.2	18643.40039	372.10	0	48.842188	-86.928827	55940.72	56232.5	17.46	55958.18	55961.14063	55531.15929	55568.23828	505222.2	5409915.2
L5220.1	505222.2	5409916.2	18643.50000	371.07	0	48.842196	-86.928827	55939.41	56232.5	17.46	55956.86	55960.05469	55537.65516	55575.03906	505222.2	5409916.2
L5220.1	505222.2	5409916.8	18643.59961	369.24	0	48.842202	-86.928827	55938.22	56232.5	17.45	55955.67	55959.09766	55545.81301	55583.49609	505222.2	5409916.8
L5220.1	505222.2	5409917.7	18643.69922	366.99	0	48.842210	-86.928827	55937.28	56232.6	17.45	55954.73	55958.38281	55558.48030	55596.46094	505222.2	5409917.7
L5220.1	505222.2	5409917.7	18643.80078	368.92	0	48.842210	-86.928827	55936.42	56232.6	17.45	55953.87	55957.74609	55571.64794	55609.91797	505222.2	5409917.7
L5220.1	505222.2	5409918.5	18643.90039	373.91	0	48.842217	-86.928827	55935.36	56232.6	17.44	55952.81	55956.90234	55578.70657	55617.25781	505222.2	5409918.5
L5220.1	505222.2	5409919.5	18644.00000	372.01	0	48.842226	-86.928827	55934.61	56232.6	17.44	55952.05	55956.35547	55591.49132	55630.32031	505222.2	5409919.5
L5220.1	505222.2	5409920.2	18644.09961	372.02	0	48.842233	-86.928827	55933.70	56232.6	17.44	55951.14	55955.65625	55599.37441	55638.47266	505222.2	5409920.2
L5220.1	505222.2	5409920.2	18644.19922	369.70	0	48.842233	-86.928827	55932.78	56232.6	17.44	55950.22	55954.94141	55605.67978	55645.04297	505222.2	5409920.2
L5220.1	505222.2	5409921.0	18644.30078	371.48	0	48.842239	-86.928827	55932.45	56232.6	17.44	55949.90	55954.82031	55624.84555	55664.46484	505222.2	5409921.0
L5220.1	505222.2	5409921.7	18644.40039	371.44	0	48.842246	-86.928827	55931.34	56232.6	17.44	55948.78	55953.89453	55623.78211	55663.65234	505222.2	5409921.7
L5220.1	505222.2	5409921.7	18644.50000	369.69	0	48.842246	-86.928827	55931.14	56232.6	17.44	55948.59	55953.89453	55643.41210	55683.52344	505222.2	5409921.7
L5220.1	505222.2	5409922.5	18644.59961	371.47	0	48.842253	-86.928827	55930.43	56232.6	17.45	55947.88	55953.37109	55649.46461	55689.81250	505222.2	5409922.5
L5220.1	505222.2	5409922.5	18644.69922	372.70	0	48.842253	-86.928827	55930.10	56232.6	17.45	55947.55	55953.22266	55663.23710	55703.81250	505222.2	5409922.5
L5220.1	505222.2	5409923.2	18644.80078	372.20	0	48.842259	-86.928826	55929.52	56232.6	17.45	55946.97	55952.81641	55669.84918	55710.64453	505222.2	5409923.2
L5220.1	505222.3	5409924.1	18644.90039	371.75	0	48.842267	-86.928826	55929.21	56232.6	17.45	55946.66	55952.67969	55681.61363	55722.62109	505222.3	5409924.1
L5220.1	505222.3	5409924.9	18645.00000	370.50	0	48.842274	-86.928826	55928.64	56232.6	17.45	55946.09	55952.27344	55686.01534	55727.22266	505222.3	5409924.9
L5220.1	505222.3	5409924.9	18645.09961	371.34	0	48.842274	-86.928826	55928.66	56232.6	17.45	55946.11	55952.45313	55703.17087	55744.57422	505222.3	5409924.9
L5220.1	505222.3	5409925.5	18645.19922	369.98	0	48.842280	-86.928826	55928.06	56232.6	17.45	55945.50	55952.00000	55704.24998	55745.83594	505222.3	5409925.5
L5220.1	505222.3	5409926.2	18645.30078	372.49	0	48.842287	-86.928826	55928.08	56232.6	17.44	55945.52	55952.16797	55719.06453	55760.82813	505222.3	5409926.2
L5220.1	505222.3	5409926.2	18645.40039	373.72	0	48.842287	-86.928826	55927.52	56232.6	17.44	55944.96	55951.75391	55719.02114	55760.94922	505222.3	5409926.2
L5220.1	505222.3	5409926.2	18645.50000	372.60	0	48.842287	-86.928826	55927.37	56232.6	17.44	55944.81	55951.74219	55727.54759	55769.63281	505222.3	5409926.2
L5220.1	505222.3	5409927.6	18645.59961	371.87	0	48.842299	-86.928825	55927.44	56232.6	17.44	55944.88	55951.94531	55740.16960	55782.40234	505222.3	5409927.6
L5220.1	505222.3	5409927.6	18645.69922	371.08	0	48.842299	-86.928825	55927.07	56232.6	17.44	55944.50	55951.69141	55741.06293	55783.43359	505222.3	5409927.6
L5220.1	505222.4	5409928.4	18645.80078	369.41	0	48.842306	-86.928825	55927.17	56232.6	17.43	55944.60	55951.91406	55752.23684	55794.73438	505222.4	5409928.4
L5220.1	505222.4	5409928.4	18645.90039	368.72	0	48.842306	-86.928825	55926.96	56232.6	17.43	55944.39	55951.82031	55755.02965	55797.64453	505222.4	5409928.4
L5220.1	505222.4	5409928.9	18646.00000	363.46	0	48.842311	-86.928824	55926.91	56232.6	17.43	55944.34	55951.87891	55760.57349	55803.29688	505222.4	5409928.9
L5220.1	505222.4	5409929.3	18646.09961	362.67	0	48.842314	-86.928824	55927.04	56232.6	17.43	55944.47	55952.11328	55769.35978	55812.17969	505222.4	5409929.3
L5220.1	505222.4	5409929.8	18646.19922	361.51	0	48.842318	-86.928824	55926.82	56232.6	17.43	55944.25	55951.99219	55768.87465	55811.77734	505222.4	5409929.8
L5220.1	505222.4	5409930.4	18646.30078	360.19	0	48.842324	-86.928824	55926.82	56232.6	17.43	55944.25	55952.08594	55772.61458	55815.59375	505222.4	5409930.4
L5220.1	505222.4	5409930.4	18646.40039	358.99	0	48.842324	-86.928824	55926.74	56232.6	17.43	55944.17	55952.09375	55773.50402	55816.54297	505222.4	5409930.4
L5220.1	505222.4	5409930.8	18646.50000	360.93	0	48.842328	-86.928823	55926.79	56232.6	17.43	55944.22	55952.22656	55776.52665	55819.61719	505222.4	5409930.8
L5220.1	505222.5	5409931.3	18646.59961	359.74	0	48.842332	-86.928823	55926.66	56232.6	17.43	55944.09	55952.17188	55774.37011	55817.50000	505222.5	5409931.3
L5220.1	505222.5	5409931.6	18646.69922	359.57	0	48.842335	-86.928823	55926.84	56232.6	17.43	55944.27	55952.42188	55778.63855	55821.79688	505222.5	5409931.6
L5220.1	505222.5	5409931.6	18646.80078	360.32	0	48.842335	-86.928823	55926.91	56232.6	17.43	55944.34	55952.55859	55779.41816	55822.59375	505222.5	5409931.6
L5220.1	505222.5	5409932.0	18646.90039	361.40	0	48.842338	-86.928823	55927.32	56232.6	17.43	55944.75	55953.02734	55787.36678	55830.54688	505222.5	5409932.0
L5220.1	505222.5	5409932.3	18647.00000	362.49	0	48.842341	-86.928822	55927.65	56232.6	17.43	55945.08	55953.41016	55792.57007	55835.74219	505222.5	5409932.3
L5220.1	505222.5	5409932.7	18647.09961	365.37	0	48.842345	-86.928822	55927.77	56232.6	17.43	55945.20	55953.57813	55791.97074	55835.12109	505222.5	5409932.7
L5220.1	505222.5	5409932.7	18647.19922	364.76	0	48.842345	-86.928822	55928.05	56232.6	17.43	55945.48	55953.89844	55794.33413	55837.44922	505222.5	5409932.7
L5220.1	505222.5	5409933.0	18647.30078	366.71	0	48.842348	-86.928822	55928.33	56232.6	17.42	55945.76	55954.21484	55795.89296	55838.96484	505222.5	5409933.0
L5220.1	505222.5	5409933.3	18647.40039	369.58	0	48.842350	-86.928822	55928.28	56232.6	17.42	55945.70	55954.18359	55788.62337	55831.63672	505222.5	5409933.3
L5220.1	505222.5	5409933.6	18647.50000	367.59	0	48.842353	-86.928822	55928.16	56232.6	17.42	55945.58	55954.08594	55779.16161	55822.10156	505222.5	5409933.6
L5220.1	505222.5	5409933.6	18647.59961	367.46	0	48.842353	-86.928822	55928.38	56232.6	17.42	55945.80	55954.32422	55776.98112	55819.83594	505222.5	5409933.6
L5220.1	505222.5	5409933.8	18647.69922	366.41	0	48.842355	-86.928822	55928.54	56232.6	17.42	55945.95	55954.48828	55772.40178	55815.16016	505222.5	5409933.8
L5220.1	505222.5	5409934.1	18647.80078	366.99	0	48.842357	-86.928822	55928.86	56232.6	17.41	55946.27	55954.81641	55771.11298	55813.76172	505222.5	5409934.1
L5220.1	505222.5	5409934.3	18647.90039	365.20	0	48.842360	-86.928822	55928.96	56232.6	17.41	55946.37	55954.91406	55763.90680	55806.43359	505222.5	5409934.3
L5220.1	505222.5	5409934.3	18648.00000	364.67	0	48.842360	-86.928822	55929.09	56232.6	17.41	55946.50	55955.04297	55756.70834	55799.09766	505222.5	5409934.3
L5220.1	505222.5	5409934.5	18648.09961	367.31	0	48.842361	-86.928822	55929.04	56232.6	17.41	55946.45	55954.98047	55744.56523	55786.80469	505222.5	5409934.5
L5220.1	505222.5	5409934.6	18648.19922	369.33	0	48.842362	-86.928822	55928.86	56232.6	17.41	55946.27	55954.78516	55728.67264	55770.74609	505222.5	5409934.6
L5220.1	505222.6	5409934.7	18648.30078	367.08	0	48.842363	-86.928822	55928.61	56232.6	17.41	55946.02	55954.51563	55710.46183	55752.35938	505222.6	5409934.7
L5220.1	505222.6	5409934.7	18648.40039	368.20	0	48.842363	-86.928822	55928.51	56232.6	17.41	55945.92	55954.38672	55695.14704	55736.85156	505222.6	5409934.7
L5220.1	505222.5	5409934.8	18648.50000	367.70	0	48.842364	-86.928822	55928.25	56232.6	17.41	55945.66	55954.09375	55675.40982	55716.91016	505222.5	5409934.8
L5220.1	505222.5	5409934.8	18648.59961	368.78	0	48.842364	-86.928822	55927.80	56232.6	17.41	55945.21	55953.60547	55650.55217	55691.83594	505222.5	5409934.8
L5220.1	505222.5	5409934.9	18648.69922	367.61	0	48.842364	-86.928822	55927.42	56232.6	17.41	55944.83	55953.18359	55626.73308	55667.78516	505222.5	5409934.9
L5220.1	505222.5	5409935.0	18648.80078	364.75	0	48.842365	-86.928823	55926.84	56232.6	17.41	55944.25	55952.55469	55597.57884	55638.38672	505222.5	5409935.0
L5220.1	505222.5	5409935.1	18648.90039	363.44	0	48.842366	-86.928823	55926.79	56232.6	17.41	55944.20	55952.45313	55580.36129	55620.91016	505222.5	5409935.1
L5220.1	505222.5	5409935.1	18649.00000	361.15	0	48.842366	-86.928823	55926.82	56232.6	17.41	55944.23	55952.42188	55564.44976	55604.72656	505222.5	5409935.1
L5220.1	505222.5	5409935.2	18649.09961	360.50	0	48.842367	-86.928823	55927.22	56232.6	17.41	55944.63	55952.75781	55556.71123	55596.70313	505222.5	5409935.2
L5220.1	505222.4	5409935.3	18649.19922	361.72	0	48.842368	-86.928823	55928.03	56232.6	17.41	55945.44	55953.50000	55558.10086	55597.79297	505222.4	5409935.3
L5220.1	505222.4	5409935.5	18649.30078	363.98	0	48.842370	-86.928824	55928.66	56232.6	17.41	55946.07	55954.05469	55554.67657	55594.05469	505222.4	5409935.5
L5220.1	505222.4	5409935.5	18649.40039	359.94	0	48.842370	-86.928824	55929.80	56232.6	17.41	55947.21	55955.11719	55562.76278	55601.81641	505222.4	5409935.5
L5220.1	505222.4	5409935.7	18649.50000	359.14	0	48.842372	-86.928824	55930.36	56232.6	17.42	55947.77	55955.59375	55556.59384	55595.30859	505222.4	5409935.7
L5220.1	505222.4	5409935.7	18649.59961	362.92	0	48.842372	-86.928824	55931.24	56232.6	17.42	55948.65	55956.38281	55557.45924	55595.82031	505222.4	5409935.7
L5220.1	505222.4	5409935.9	18649.69922	362.61	0	48.842374	-86.928824	55932.02	56232.6	17.42	55949.44	55957.07813	55555.67202	55593.66797	505222.4	5409935.9
L5220.1	505222.4	5409936.1	18649.80078	365.83	0	48.842376	-86.928824	55932.53	56232.6	17.42	55949.95	55957.49219	55546.74710	55584.36328	505222.4	5409936.1
L5220.1	505222.4	5409936.1	18649.90039	369.15	0	48.842376	-86.928824	55933.34	56232.6	17.42	55950.76	55958.19922	55544.40648	55581.63281	505222.4	5409936.1
L5220.1	505222.4	5409936.4	18650.00000	369.54	0	48.842378	-86.928824	55934.18	56232.6	17.42	55951.60	55958.92969	55542.27295	55579.09375	505222.4	5409936.4
L5220.1	505222.4	5409936.6	18650.09961	379.17	0	48.842380	-86.928823	55935.16	56232.6	17.42	55952.58	55959.80078	55542.95451	55579.35938	505222.4	5409936.6
L5220.1	505222.4	5409936.6	18650.19922	370.04	0	48.842380	-86.928823	55936.53	56232.6	17.42	55953.94	55961.04297	55552.13296	55588.10547	505222.4	5409936.6
L5220.1	505222.5	5409936.9	18650.30078	373.69	0	48.842383	-86.928823	55938.07	56232.6	17.41	55955.48	55962.46094	55565.08569	55600.61719	505222.5	5409936.9
L5220.1	505222.5	5409937.2	18650.40039	381.54	0	48.842385	-86.928823	55939.28	56232.6	17.41	55956.69	55963.54688	55569.75974	55604.83594	505222.5	5409937.2
L5220.1	505222.5	5409937.2	18650.50000	381.46	0	48.842385	-86.928823	55940.70	56232.6	17.41	55958.11	55964.83984	55578.93018	55613.53906	505222.5	5409937.2
L5220.1	505222.5	5409937.5	18650.59961	380.45	0	48.842388	-86.928823	55942.17	56232.6	17.41	55959.58	55966.17578	55588.81982	55622.94922	505222.5	5409937.5
L5220.1	505222.5	5409937.8	18650.69922	378.66	0	48.842391	-86.928823	55943.54	56232.6	17.41	55960.94	55967.39844	55595.65136	55629.28906	505222.5	5409937.8
L5220.1	505222.5	5409937.8	18650.80078	376.36	0	48.842391	-86.928823	55945.31	56232.6	17.40	55962.71	55969.03125	55611.72663	55644.86328	505222.5	5409937.8
L5220.1	505222.5	5409938.2	18650.90039	374.45	0	48.842394	-86.928822	55947.02	56232.6	17.40	55964.43	55970.60547	55626.17438	55658.79688	505222.5	5409938.2

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5220.1	505222.5	5409938.5	18651.00000	374.12	0	48.842397	-86.928822	55948.49	56232.6	17.40	55965.89	55971.91797	55634.03478	55666.12891	505222.5	5409938.5
L5220.1	505222.5	5409938.5	18651.09961	373.75	0	48.842397	-86.928822	55949.98	56232.6	17.40	55967.38	55973.25391	55642.17090	55673.73047	505222.5	5409938.5
L5220.1	505222.5	5409938.7	18651.19922	375.43	0	48.842399	-86.928822	55951.81	56232.6	17.40	55969.20	55974.92188	55657.68224	55688.69531	505222.5	5409938.7
L5220.1	505222.5	5409939.1	18651.30078	376.13	0	48.842402	-86.928822	55953.50	56232.6	17.40	55970.89	55976.45313	55669.69738	55700.15234	505222.5	5409939.1
L5220.1	505222.5	5409939.3	18651.40039	368.71	0	48.842405	-86.928823	55954.96	56232.6	17.40	55972.36	55977.76172	55676.09389	55705.98047	505222.5	5409939.3
L5220.1	505222.5	5409939.3	18651.50000	369.62	0	48.842405	-86.928823	55956.31	56232.6	17.39	55973.70	55978.93750	55679.00563	55708.31250	505222.5	5409939.3
L5220.1	505222.5	5409939.6	18651.59961	375.39	0	48.842407	-86.928823	55958.08	56232.6	17.39	55975.47	55980.53906	55691.68003	55720.39844	505222.5	5409939.6
L5220.1	505222.5	5409940.0	18651.69922	376.13	0	48.842411	-86.928823	55959.82	56232.6	17.39	55977.22	55982.11719	55703.48223	55731.60156	505222.5	5409940.0
L5220.1	505222.5	5409940.0	18651.80078	374.67	0	48.842411	-86.928823	55961.21	56232.6	17.39	55978.61	55983.33203	55706.37842	55733.89063	505222.5	5409940.0
L5220.1	505222.5	5409940.3	18651.90039	373.08	0	48.842413	-86.928823	55963.24	56232.6	17.39	55980.63	55985.17578	55723.78396	55750.67969	505222.5	5409940.3
L5220.1	505222.5	5409940.6	18652.00000	372.37	0	48.842416	-86.928823	55964.81	56232.6	17.39	55982.20	55986.56641	55730.16723	55756.43750	505222.5	5409940.6
L5220.1	505222.5	5409940.8	18652.09961	372.84	0	48.842418	-86.928822	55966.45	56232.6	17.39	55983.84	55988.02344	55737.83015	55763.46875	505222.5	5409940.8
L5220.1	505222.5	5409940.8	18652.19922	375.50	0	48.842418	-86.928822	55968.30	56232.6	17.39	55985.69	55989.69141	55750.08930	55775.08594	505222.5	5409940.8
L5220.1	505222.5	5409941.2	18652.30078	374.80	0	48.842422	-86.928822	55969.84	56232.6	17.39	55987.23	55991.04297	55754.65505	55779.00391	505222.5	5409941.2
L5220.1	505222.5	5409941.2	18652.40039	378.17	0	48.842422	-86.928822	55971.46	56232.6	17.39	55988.85	55992.47266	55760.75567	55784.44531	505222.5	5409941.2
L5220.1	505222.5	5409941.5	18652.50000	380.63	0	48.842424	-86.928822	55973.18	56232.6	17.39	55990.57	55994.00391	55768.87058	55791.89844	505222.5	5409941.5
L5220.1	505222.5	5409941.8	18652.59961	386.40	0	48.842427	-86.928822	55975.00	56232.6	17.39	55992.39	55995.62891	55779.00638	55801.35938	505222.5	5409941.8
L5220.1	505222.5	5409941.8	18652.69922	386.62	0	48.842427	-86.928822	55976.79	56232.6	17.39	55994.18	55997.22266	55788.09587	55809.77344	505222.5	5409941.8
L5220.1	505222.5	5409942.2	18652.80078	386.99	0	48.842430	-86.928822	55978.87	56232.6	17.39	55996.26	55999.10547	55803.71264	55824.70703	505222.5	5409942.2
L5220.1	505222.5	5409942.5	18652.90039	385.23	0	48.842433	-86.928822	55981.12	56232.6	17.39	55998.51	56001.15625	55823.02620	55843.33203	505222.5	5409942.5
L5220.1	505222.5	5409942.8	18653.00000	381.09	0	48.842436	-86.928822	55983.17	56232.6	17.39	56000.56	56003.00781	55837.29478	55856.90234	505222.5	5409942.8
L5220.1	505222.5	5409942.8	18653.09961	382.27	0	48.842436	-86.928822	55984.64	56232.6	17.39	56002.03	56004.27344	55837.54027	55856.44922	505222.5	5409942.8
L5220.1	505222.6	5409943.1	18653.19922	370.04	0	48.842439	-86.928822	55986.46	56232.6	17.39	56003.85	56005.89063	55845.76087	55863.96484	505222.6	5409943.1
L5220.1	505222.6	5409943.5	18653.30078	371.48	0	48.842442	-86.928822	55987.97	56232.6	17.39	56005.36	56007.19531	55846.35794	55863.85156	505222.6	5409943.5
L5220.1	505222.6	5409943.9	18653.40039	375.29	0	48.842446	-86.928822	55989.67	56232.6	17.39	56007.06	56008.68750	55851.16226	55867.94531	505222.6	5409943.9
L5220.1	505222.6	5409943.9	18653.50000	375.73	0	48.842446	-86.928822	55991.57	56232.6	17.38	56008.95	56010.37109	55860.18180	55876.24609	505222.6	5409943.9
L5220.1	505222.6	5409944.2	18653.59961	379.39	0	48.842449	-86.928822	55993.64	56232.6	17.38	56011.03	56012.23828	55873.42470	55888.76953	505222.6	5409944.2
L5220.1	505222.6	5409944.5	18653.69922	379.50	0	48.842451	-86.928822	55995.48	56232.6	17.38	56012.87	56013.87109	55880.73150	55895.35156	505222.6	5409944.5
L5220.1	505222.6	5409945.0	18653.80078	379.77	0	48.842456	-86.928822	55997.36	56232.6	17.38	56014.74	56015.52734	55888.49504	55902.39063	505222.6	5409945.0
L5220.1	505222.6	5409945.0	18653.90039	375.49	0	48.842456	-86.928822	55999.23	56232.6	17.38	56016.61	56017.18750	55896.01454	55909.18359	505222.6	5409945.0
L5220.1	505222.5	5409945.4	18654.00000	376.78	0	48.842459	-86.928822	56000.82	56232.6	17.38	56018.20	56018.56250	55896.67786	55909.11719	505222.5	5409945.4
L5220.1	505222.5	5409945.8	18654.09961	377.26	0	48.842463	-86.928822	56002.65	56232.6	17.38	56020.03	56020.17969	55902.78977	55914.49609	505222.5	5409945.8
L5220.1	505222.5	5409946.0	18654.19922	379.15	0	48.842465	-86.928822	56004.44	56232.6	17.38	56021.82	56021.75781	55907.73842	55918.71484	505222.5	5409946.0
L5220.1	505222.5	5409946.0	18654.30078	375.49	0	48.842465	-86.928822	56006.54	56232.6	17.37	56023.92	56023.64063	55919.80901	55930.05469	505222.5	5409946.0
L5220.1	505222.5	5409946.4	18654.40039	375.95	0	48.842468	-86.928823	56008.04	56232.6	17.37	56025.41	56024.91797	55917.25656	55926.76953	505222.5	5409946.4
L5220.1	505222.5	5409946.4	18654.50000	382.49	0	48.842468	-86.928823	56009.73	56232.6	17.37	56027.10	56026.39063	55919.24362	55928.02344	505222.5	5409946.4
L5220.1	505222.4	5409946.9	18654.59961	383.58	0	48.842473	-86.928823	56011.95	56232.6	17.37	56029.32	56028.39453	55933.58283	55941.63281	505222.4	5409946.9
L5220.1	505222.4	5409947.4	18654.69922	383.81	0	48.842477	-86.928824	56013.83	56232.6	17.37	56031.19	56030.05078	55939.47535	55946.79297	505222.4	5409947.4
L5220.1	505222.4	5409947.4	18654.80078	384.54	0	48.842477	-86.928824	56015.47	56232.6	17.36	56032.84	56031.48438	55940.00479	55946.59375	505222.4	5409947.4
L5220.1	505222.3	5409947.8	18654.90039	385.94	0	48.842481	-86.928825	56017.19	56232.6	17.36	56034.55	56032.98047	55941.80175	55947.66406	505222.3	5409947.8
L5220.1	505222.3	5409948.2	18655.00000	386.98	0	48.842485	-86.928825	56019.26	56232.6	17.36	56036.62	56034.83203	55951.96980	55957.10938	505222.3	5409948.2
L5220.1	505222.3	5409948.2	18655.09961	387.52	0	48.842485	-86.928825	56020.98	56232.6	17.36	56038.34	56036.33984	55953.73018	55958.14453	505222.3	5409948.2
L5220.1	505222.3	5409948.7	18655.19922	386.39	0	48.842489	-86.928826	56022.61	56232.6	17.36	56039.96	56037.74219	55953.00426	55956.70313	505222.3	5409948.7
L5220.1	505222.2	5409949.0	18655.30078	387.13	0	48.842492	-86.928826	56024.40	56232.6	17.36	56041.75	56039.31641	55956.18636	55959.16797	505222.2	5409949.0
L5220.1	505222.2	5409949.4	18655.40039	387.64	0	48.842495	-86.928826	56026.15	56232.6	17.36	56043.50	56040.85547	55958.32078	55960.59375	505222.2	5409949.4
L5220.1	505222.2	5409949.4	18655.50000	384.64	0	48.842495	-86.928826	56028.09	56232.6	17.36	56045.45	56042.58984	55965.09248	55966.65625	505222.2	5409949.4
L5220.1	505222.2	5409949.7	18655.59961	382.62	0	48.842498	-86.928827	56029.99	56232.6	17.35	56047.35	56044.27734	55970.59991	55971.46094	505222.2	5409949.7
L5220.1	505222.2	5409950.1	18655.69922	382.48	0	48.842501	-86.928827	56031.98	56232.6	17.35	56049.34	56046.05469	55978.16343	55978.32422	505222.2	5409950.1
L5220.1	505222.2	5409950.1	18655.80078	383.08	0	48.842501	-86.928827	56033.93	56232.6	17.35	56051.29	56047.78906	55984.71896	55984.18750	505222.2	5409950.1
L5220.1	505222.2	5409950.5	18655.90039	384.27	0	48.842505	-86.928827	56035.98	56232.6	17.35	56053.33	56049.62109	55993.35028	55992.13281	505222.2	5409950.5
L5220.1	505222.1	5409950.9	18656.00000	382.74	0	48.842508	-86.928828	56037.68	56232.7	17.35	56055.03	56051.10938	55993.89945	55992.00000	505222.1	5409950.9
L5220.1	505222.1	5409950.9	18656.09961	384.69	0	48.842508	-86.928828	56039.22	56232.7	17.35	56056.57	56052.43750	55990.63243	55988.05859	505222.1	5409950.9
L5220.1	505222.1	5409951.2	18656.19922	386.75	0	48.842512	-86.928828	56040.92	56232.7	17.35	56058.27	56053.92969	55991.12553	55987.88281	505222.1	5409951.2
L5220.1	505222.1	5409951.6	18656.30078	386.75	0	48.842515	-86.928828	56042.38	56232.7	17.35	56059.73	56055.18359	55985.92991	55982.02734	505222.1	5409951.6
L5220.1	505222.1	5409951.6	18656.40039	386.44	0	48.842515	-86.928828	56044.21	56232.7	17.35	56061.55	56056.79297	55989.24251	55984.68750	505222.1	5409951.6
L5220.1	505222.0	5409952.0	18656.50000	388.88	0	48.842519	-86.928829	56046.06	56232.7	17.35	56063.40	56058.43750	55993.26946	55988.06641	505222.0	5409952.0
L5220.1	505222.0	5409952.5	18656.59961	389.79	0	48.842523	-86.928829	56047.82	56232.7	17.34	56065.16	56059.99219	55995.18239	55989.33984	505222.0	5409952.5
L5220.1	505222.0	5409952.5	18656.69922	390.09	0	48.842523	-86.928829	56049.74	56232.7	17.34	56067.08	56061.71094	56000.90177	55994.42969	505222.0	5409952.5
L5220.1	505222.0	5409952.9	18656.80078	386.68	0	48.842527	-86.928830	56051.32	56232.7	17.34	56068.66	56063.08984	55998.61347	55991.52344	505222.0	5409952.9
L5220.1	505222.0	5409953.2	18656.90039	387.83	0	48.842530	-86.928830	56053.04	56232.7	17.34	56070.38	56064.60547	55999.67615	55991.97266	505222.0	5409953.2
L5220.1	505221.9	5409953.5	18657.00000	389.20	0	48.842532	-86.928830	56054.86	56232.7	17.34	56072.20	56066.22656	56003.15246	55994.84375	505221.9	5409953.5
L5220.1	505221.9	5409954.0	18657.09961	392.18	0	48.842536	-86.928830	56056.57	56232.7	17.34	56073.91	56067.73828	56004.08499	55995.18359	505221.9	5409954.0
L5220.1	505221.9	5409954.0	18657.19922	392.93	0	48.842536	-86.928830	56058.12	56232.7	17.34	56075.46	56069.08984	56001.29951	55991.81641	505221.9	5409954.0
L5220.1	505221.9	5409954.4	18657.30078	393.09	0	48.842540	-86.928831	56059.76	56232.7	17.33	56077.09	56070.52734	56000.47884	55990.42188	505221.9	5409954.4
L5220.1	505221.9	5409954.8	18657.40039	392.79	0	48.842544	-86.928831	56061.43	56232.7	17.33	56078.76	56072.00391	56000.68474	55990.06250	505221.9	5409954.8
L5220.1	505221.9	5409954.8	18657.50000	392.66	0	48.842544	-86.928831	56063.08	56232.7	17.33	56080.41	56073.46094	56000.50581	55989.32813	505221.9	5409954.8
L5220.1	505221.9	5409955.3	18657.59961	393.77	0	48.842548	-86.928831	56064.70	56232.7	17.33	56082.02	56074.87891	55999.47621	55987.75781	505221.9	5409955.3
L5220.1	505221.8	5409955.6	18657.69922	393.38	0	48.842551	-86.928831	56066.46	56232.7	17.33	56083.79	56076.45703	56002.33197	55990.08203	505221.8	5409955.6
L5220.1	505221.8	5409955.6	18657.80078	389.53	0	48.842551	-86.928831	56068.11	56232.7	17.32	56085.43	56077.91016	56002.22233	55989.45313	505221.8	5409955.6
L5220.1	505221.8	5409956.0	18657.90039	388.99	0	48.842555	-86.928832	56069.61	56232.7	17.32	56086.93	56079.22266	55998.91713	55985.63672	505221.8	5409956.0
L5220.1	505221.8	5409956.4	18658.00000	396.28	0	48.842558	-86.928832	56071.38	56232.7	17.32	56088.70	56080.80859	56002.11719	55988.33984	505221.8	5409956.4
L5220.1	505221.8	5409956.9	18658.09961	397.93	0	48.842562	-86.928832	56073.04	56232.7	17.32	56090.36	56082.28516	56002.84277	55988.57813	505221.8	5409956.9
L5220.1	505221.8	5409956.9	18658.19922	393.65	0	48.842562	-86.928832	56074.63	56232.7	17.32	56091.95	56083.69531	56002.04514	55987.30469	505221.8	5409956.9
L5220.1	505221.7	5409957.3	18658.30078	393.88	0	48.842566	-86.928833	56076.00	56232.7	17.32	56093.32	56084.88281	55996.18252	55980.98047	505221.7	5409957.3
L5220.1	505221.7	5409957.7	18658.40039	395.71	0	48.842569	-86.928833	56077.72	56232.7	17.32	56095.04	56086.42578	55998.73789	55983.08594	505221.7	5409957.7
L5220.1	505221.7	5409958.1	18658.50000	398.60	0	48.842574	-86.928834	56079.54	56232.7	17.32	56096.86	56088.07031	56003.80428	55987.71484	505221.7	5409958.1
L5220.1	505221.7	5409958.1	18658.59961	398.22	0	48.842574	-86.928834	56081.11	56232.7	17.32	56098.43	56089.46484	56003.10981	55986.59375	505221.7	5409958.1
L5220.1	505221.7	5409958.5	18658.69922	395.41	0	48.842577	-86.928834	56082.61	56232.7	17.32	56099.93	56090.79297	56000.91461	55983.98438	505221.7	5409958.5
L5220.1	505221.6	5409959.0	18658.80078	397.11	0	48.842582	-86.928834	56083.79	56232.7	17.32	56101.11	56091.80078	55991.31077	55973.98047	505221.6	5409959.0
L5220.1	505221.6	5409959.4	18658.90039	399.71	0	48.842585	-86.928835	56085.62	56232.7	17.32	56102.94	56093.46094	55997.23806	55979.51953	505221.6	5409959.4
L5220.1	505221.6	5409959.4	18659.00000	400.91	0	48.842585	-86.928835	56087.34	56232.7	17.32	56104.66	56095.01172	56000.72850	55982.63281	505221.6	5409959.4
L5220.1	505221.6	5409960.0	18659.09961	400.93	0	48.842591	-86.928835	56089.22	56232.7	17.32	56106.54	56096.72656	56008.16911	55989.71094	505221.6	5409960.0
L5220.1	505221.6	5409960.0	18659.19922	399.65	0	48.842591	-86.928835	56090.60	56232.7	17.31	56107.92	56097.94141	56003.95585	55985.14453	505221.6	5409960.0
L5220.1	505221.5	5409960.4	18659.30078	399.77	0	48.842594	-86.928835	56092.14	56232.7	17.31	56109.45	56099.30859	56003.46055	55984.31250	505221.5	5409960.4
L5220.1	505221.5	5409960.8	18659.40039	399.25	0	48.842598	-86.928835	56093.62	56232.7	17.31	56110.92	56100.61719	56001.71924	55982.24609	505221.5	5409960.8
L5220.1	505221.6	5409961.2	18659.50000	401.61	0	48.842602	-86.928835	56095.12	56232.7	17.31	56112.43	56101.96875	56001.09784	55981.31250	505221.6	5409961.2
L5220.1	505221.6	5409961.2	18659.59961	399.28	0	48.842602	-86.928835	56096.75	56232.7	17.30	56114.05	56103.42969	56003.25262	55983.16406	505221.6	5409961.2
L5220.1	505221.6	5409961.7	18659.69922	399.20	0	48.842606	-86.928835	56098.34	56232.7	17.30	56115.64	56104.86328	56004.87391	55984.50000	505221.6	5409961.7
L5220.1	505221.6	5409962.0	18659.80078	397.03	0	48.842609	-86.928835	56100.08	56232.7	17.30	56117.38	56106.44922	56010.21840	55989.57031	505221.6	5409962.0
L5220.1	505221.6	5409962.0	18659.90039	398.68	0	48.842609	-86.928835	56101.91	56232.7	17.29	56119.20	56108.11719	56017.63104	55996.71875	505221.6	5409962.0
L5220.1	505221.6	5409962.4	18660.00000	398.79	0	48.842612	-86.928835	56103.36	56232.7	17.29	56120.65	56109.41406	56016.47106	55995.30859	505221.6	5409962.4
L5220.1	505221.6	5409962.8	18660.09961	397.12	0	48.842616	-86.928835	56105.02	56232.7	17.29	56122.31	56110.92578	56020.45268	55999.04688	505221.6	5409962.8
L5220.1	505221.6	5409962.8	18660.19922	397.22	0	48.842616	-86.928835	56106.58	56232.7	17.29	56123.87	56112.33594	56022.24500	56000.61328	505221.6	5409962.8

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5220.1	505221.6	5409963.3	18660.30078	398.49	0	48.842620	-86.928835	56108.10	56232.7	17.29	56125.39	56113.71094	56023.26584	56001.41797	505221.6	5409963.3
L5220.1	505221.6	5409963.8	18660.40039	398.75	0	48.842624	-86.928835	56109.54	56232.7	17.29	56126.83	56115.00781	56022.56818	56000.51953	505221.6	5409963.8
L5220.1	505221.6	5409963.8	18660.50000	397.17	0	48.842624	-86.928835	56111.06	56232.7	17.29	56128.35	56116.38281	56023.93393	56001.69141	505221.6	5409963.8
L5220.1	505221.6	5409964.1	18660.59961	395.46	0	48.842627	-86.928835	56112.58	56232.7	17.29	56129.87	56117.76172	56025.46978	56003.04297	505221.6	5409964.1
L5220.1	505221.6	5409964.5	18660.69922	395.22	0	48.842631	-86.928835	56114.25	56232.7	17.29	56131.54	56119.28906	56030.72071	56008.12109	505221.6	5409964.5
L5220.1	505221.6	5409964.9	18660.80078	397.06	0	48.842635	-86.928835	56115.73	56232.7	17.29	56133.02	56120.63281	56031.64502	56008.88672	505221.6	5409964.9
L5220.1	505221.6	5409964.9	18660.90039	399.35	0	48.842635	-86.928835	56117.36	56232.7	17.29	56134.65	56122.12500	56036.28002	56013.37109	505221.6	5409964.9
L5220.1	505221.6	5409965.3	18661.00000	399.49	0	48.842639	-86.928835	56119.24	56232.7	17.29	56136.53	56123.86719	56046.98781	56023.93750	505221.6	5409965.3
L5220.1	505221.6	5409965.3	18661.09961	400.40	0	48.842639	-86.928835	56121.07	56232.7	17.29	56138.36	56125.56641	56056.67195	56033.49219	505221.6	5409965.3
L5220.1	505221.6	5409965.7	18661.19922	402.63	0	48.842641	-86.928835	56122.39	56232.7	17.29	56139.68	56126.75000	56054.45248	56031.14844	505221.6	5409965.7
L5220.1	505221.5	5409966.1	18661.30078	404.86	0	48.842645	-86.928835	56123.66	56232.7	17.28	56140.94	56127.87891	56050.96707	56027.55078	505221.5	5409966.1
L5220.1	505221.5	5409966.5	18661.40039	406.39	0	48.842649	-86.928835	56125.45	56232.7	17.28	56142.73	56129.53906	56060.16366	56036.64453	505221.5	5409966.5
L5220.1	505221.5	5409966.5	18661.50000	403.68	0	48.842649	-86.928835	56126.72	56232.7	17.28	56144.00	56130.67969	56057.21078	56033.59766	505221.5	5409966.5
L5220.1	505221.5	5409967.0	18661.59961	404.51	0	48.842653	-86.928835	56128.16	56232.7	17.28	56145.44	56131.99219	56058.42073	56034.71875	505221.5	5409967.0
L5220.1	505221.5	5409967.3	18661.69922	404.19	0	48.842656	-86.928835	56129.63	56232.7	17.28	56146.90	56133.32813	56060.24313	56036.46094	505221.5	5409967.3
L5220.1	505221.5	5409967.7	18661.80078	403.99	0	48.842660	-86.928835	56131.37	56232.7	17.27	56148.64	56134.94141	56068.82234	56044.96484	505221.5	5409967.7
L5220.1	505221.5	5409967.7	18661.90039	403.05	0	48.842660	-86.928835	56132.81	56232.7	17.27	56150.08	56136.25781	56070.44007	56046.51953	505221.5	5409967.7
L5220.1	505221.5	5409968.1	18662.00000	397.29	0	48.842663	-86.928836	56134.25	56232.7	17.27	56151.52	56137.57422	56072.18636	56048.20313	505221.5	5409968.1
L5220.1	505221.5	5409968.4	18662.09961	399.28	0	48.842667	-86.928836	56135.32	56232.7	17.27	56152.59	56138.52344	56065.30847	56041.27344	505221.5	5409968.4
L5220.1	505221.5	5409968.7	18662.19922	398.80	0	48.842669	-86.928836	56136.66	56232.7	17.26	56153.92	56139.73047	56064.69949	56040.61328	505221.5	5409968.7
L5220.1	505221.5	5409968.7	18662.30078	399.53	0	48.842669	-86.928836	56138.33	56232.7	17.26	56155.59	56141.28125	56072.24725	56048.12109	505221.5	5409968.7
L5220.1	505221.5	5409969.2	18662.40039	400.88	0	48.842673	-86.928836	56139.87	56232.7	17.26	56157.13	56142.70313	56076.83434	56052.66797	505221.5	5409969.2
L5220.1	505221.4	5409969.6	18662.50000	400.05	0	48.842677	-86.928837	56141.38	56232.7	17.25	56158.64	56144.09766	56080.82148	56056.62109	505221.4	5409969.6
L5220.1	505221.4	5409970.0	18662.59961	400.53	0	48.842680	-86.928837	56142.88	56232.7	17.25	56160.13	56145.46875	56084.44131	56060.21094	505221.4	5409970.0
L5220.1	505221.4	5409970.0	18662.69922	400.25	0	48.842680	-86.928837	56144.38	56232.8	17.25	56161.63	56146.85547	56088.39939	56064.14453	505221.4	5409970.0
L5220.1	505221.4	5409970.3	18662.80078	401.63	0	48.842684	-86.928837	56145.92	56232.8	17.25	56163.16	56148.26953	56093.16486	56068.88672	505221.4	5409970.3
L5220.1	505221.4	5409970.7	18662.90039	399.72	0	48.842686	-86.928837	56147.58	56232.8	17.24	56164.82	56149.81641	56101.09859	56076.80078	505221.4	5409970.7
L5220.1	505221.4	5409971.2	18663.00000	399.87	0	48.842691	-86.928837	56148.77	56232.8	17.24	56166.01	56150.89453	56098.00939	56073.69531	505221.4	5409971.2
L5220.1	505221.4	5409971.2	18663.09961	397.96	0	48.842691	-86.928837	56150.27	56232.8	17.24	56167.51	56152.28125	56102.33748	56078.00781	505221.4	5409971.2
L5220.1	505221.4	5409971.5	18663.19922	398.89	0	48.842694	-86.928838	56151.83	56232.8	17.24	56169.07	56153.73047	56108.16790	56083.82422	505221.4	5409971.5
L5220.1	505221.3	5409972.1	18663.30078	398.86	0	48.842699	-86.928838	56153.16	56232.8	17.24	56170.40	56154.95313	56108.63992	56084.28516	505221.3	5409972.1
L5220.1	505221.3	5409972.1	18663.40039	397.44	0	48.842699	-86.928838	56154.67	56232.8	17.24	56171.91	56156.35156	56113.44510	56089.07813	505221.3	5409972.1
L5220.1	505221.3	5409972.5	18663.50000	399.75	0	48.842703	-86.928838	56156.18	56232.8	17.24	56173.43	56157.76563	56118.56045	56094.18359	505221.3	5409972.5
L5220.1	505221.3	5409973.0	18663.59961	398.09	0	48.842707	-86.928838	56157.88	56232.8	17.25	56175.13	56159.35547	56128.00274	56103.61719	505221.3	5409973.0
L5220.1	505221.3	5409973.0	18663.69922	397.39	0	48.842707	-86.928838	56159.12	56232.8	17.25	56176.37	56160.48828	56126.63570	56102.23828	505221.3	5409973.0
L5220.1	505221.3	5409973.4	18663.80078	396.50	0	48.842711	-86.928839	56160.36	56232.8	17.25	56177.61	56161.62109	56125.33369	56100.92578	505221.3	5409973.4
L5220.1	505221.3	5409973.4	18663.90039	397.76	0	48.842711	-86.928839	56161.72	56232.8	17.25	56178.97	56162.87891	56126.93163	56102.51172	505221.3	5409973.4
L5220.1	505221.3	5409973.8	18664.00000	398.68	0	48.842714	-86.928839	56163.09	56232.8	17.25	56180.34	56164.14453	56128.82604	56104.39453	505221.3	5409973.8
L5220.1	505221.3	5409974.3	18664.09961	398.08	0	48.842719	-86.928839	56164.84	56232.8	17.25	56182.09	56165.78906	56139.76366	56115.31641	505221.3	5409974.3
L5220.1	505221.3	5409974.5	18664.19922	400.63	0	48.842721	-86.928839	56166.36	56232.8	17.25	56183.61	56167.20703	56145.31842	56120.85547	505221.3	5409974.5
L5220.1	505221.3	5409974.5	18664.30078	400.24	0	48.842721	-86.928839	56167.62	56232.8	17.25	56184.86	56168.35156	56144.54258	56120.06250	505221.3	5409974.5
L5220.1	505221.3	5409974.9	18664.40039	399.98	0	48.842724	-86.928839	56168.96	56232.8	17.25	56186.20	56169.58984	56145.94700	56121.44922	505221.3	5409974.9
L5220.1	505221.3	5409975.4	18664.50000	401.20	0	48.842729	-86.928839	56170.24	56232.8	17.24	56187.49	56170.78125	56146.21974	56121.69922	505221.3	5409975.4
L5220.1	505221.3	5409975.4	18664.59961	405.74	0	48.842729	-86.928839	56171.77	56232.8	17.24	56189.01	56172.19922	56151.98040	56127.43359	505221.3	5409975.4
L5220.1	505221.2	5409975.8	18664.69922	404.98	0	48.842733	-86.928839	56173.09	56232.8	17.24	56190.33	56173.41797	56153.06014	56128.48438	505221.2	5409975.8
L5220.1	505221.2	5409976.2	18664.80078	404.93	0	48.842736	-86.928839	56174.44	56232.8	17.24	56191.68	56174.66797	56154.89668	56130.29297	505221.2	5409976.2
L5220.1	505221.2	5409976.6	18664.90039	405.02	0	48.842740	-86.928840	56175.52	56232.8	17.24	56192.76	56175.65234	56150.39559	56125.75781	505221.2	5409976.6
L5220.1	505221.2	5409976.9	18665.00000	404.20	0	48.842743	-86.928840	56176.95	56232.8	17.24	56194.19	56176.98438	56154.21693	56129.54297	505221.2	5409976.9
L5220.1	505221.2	5409976.9	18665.09961	406.30	0	48.842743	-86.928840	56178.45	56232.8	17.24	56195.69	56178.38672	56159.73963	56135.02734	505221.2	5409976.9
L5220.1	505221.2	5409977.4	18665.19922	407.42	0	48.842747	-86.928840	56180.06	56232.8	17.23	56197.30	56179.89844	56167.90957	56143.15234	505221.2	5409977.4
L5220.1	505221.2	5409977.8	18665.30078	408.27	0	48.842750	-86.928840	56181.35	56232.8	17.23	56198.58	56181.08203	56168.32280	56143.51563	505221.2	5409977.8
L5220.1	505221.2	5409977.8	18665.40039	408.46	0	48.842750	-86.928840	56182.85	56232.8	17.23	56200.08	56182.48438	56173.98506	56149.12891	505221.2	5409977.8
L5220.1	505221.2	5409978.2	18665.50000	407.78	0	48.842754	-86.928840	56184.12	56232.8	17.22	56201.35	56183.66016	56174.25639	56149.34766	505221.2	5409978.2
L5220.1	505221.1	5409978.7	18665.59961	409.04	0	48.842758	-86.928841	56185.20	56232.8	17.22	56202.42	56184.63672	56169.84711	56144.87891	505221.1	5409978.7
L5220.1	505221.1	5409978.7	18665.69922	409.62	0	48.842758	-86.928841	56186.52	56232.8	17.22	56203.74	56185.86328	56171.39904	56146.36719	505221.1	5409978.7
L5220.1	505221.1	5409979.2	18665.80078	410.93	0	48.842763	-86.928841	56187.88	56232.8	17.22	56205.10	56187.12891	56173.94794	56148.85156	505221.1	5409979.2
L5220.1	505221.1	5409979.6	18665.90039	409.57	0	48.842766	-86.928840	56189.48	56232.8	17.21	56206.69	56188.62500	56181.98814	56156.82422	505221.1	5409979.6
L5220.1	505221.1	5409979.6	18666.00000	406.95	0	48.842766	-86.928840	56190.66	56232.8	17.21	56207.87	56189.71484	56180.38809	56155.14844	505221.1	5409979.6
L5220.1	505221.2	5409979.9	18666.09961	396.36	0	48.842770	-86.928840	56192.06	56232.8	17.21	56209.27	56191.02344	56184.04677	56158.73047	505221.2	5409979.9
L5220.1	505221.2	5409980.2	18666.19922	394.96	0	48.842772	-86.928840	56193.04	56232.8	17.21	56210.25	56191.91406	56177.83305	56152.43750	505221.2	5409980.2
L5220.1	505221.2	5409980.7	18666.30078	406.28	0	48.842776	-86.928840	56194.29	56232.8	17.21	56211.51	56193.08203	56178.30156	56152.82031	505221.2	5409980.7
L5220.1	505221.2	5409980.7	18666.40039	403.89	0	48.842776	-86.928840	56195.23	56232.8	17.21	56212.45	56193.93359	56171.26741	56145.69922	505221.2	5409980.7
L5220.1	505221.2	5409981.1	18666.50000	404.18	0	48.842780	-86.928840	56196.40	56232.8	17.22	56213.61	56195.00391	56169.50229	56143.83984	505221.2	5409981.1
L5220.1	505221.2	5409981.5	18666.59961	404.37	0	48.842784	-86.928840	56197.85	56232.8	17.22	56215.06	56196.36719	56174.66448	56148.90625	505221.2	5409981.5
L5220.1	505221.2	5409981.8	18666.69922	405.48	0	48.842787	-86.928840	56199.22	56232.8	17.22	56216.44	56197.65625	56178.24472	56152.38672	505221.2	5409981.8
L5220.1	505221.2	5409981.8	18666.80078	406.74	0	48.842787	-86.928840	56200.49	56232.8	17.22	56217.71	56198.83984	56179.30061	56153.33984	505221.2	5409981.8
L5220.1	505221.2	5409982.2	18666.90039	402.74	0	48.842790	-86.928840	56201.57	56232.8	17.22	56218.79	56199.83594	56175.94410	56149.87891	505221.2	5409982.2
L5220.1	505221.2	5409982.6	18667.00000	404.68	0	48.842794	-86.928840	56202.83	56232.8	17.22	56220.05	56201.00781	56176.92796	56150.75781	505221.2	5409982.6
L5220.1	505221.2	5409982.6	18667.09961	404.73	0	48.842794	-86.928840	56203.96	56232.8	17.22	56221.18	56202.05469	56174.92591	56148.64063	505221.2	5409982.6
L5220.1	505221.1	5409983.0	18667.19922	406.16	0	48.842798	-86.928840	56205.22	56232.8	17.22	56222.44	56203.23047	56176.08999	56149.69141	505221.1	5409983.0
L5220.1	505221.1	5409983.4	18667.30078	407.26	0	48.842801	-86.928840	56206.56	56232.8	17.22	56223.78	56204.48828	56179.24213	56152.72266	505221.1	5409983.4
L5220.1	505221.1	5409983.8	18667.40039	405.89	0	48.842805	-86.928841	56207.57	56232.8	17.22	56224.78	56205.40234	56174.45544	56147.81641	505221.1	5409983.8
L5220.1	505221.1	5409983.8	18667.50000	415.21	0	48.842805	-86.928841	56208.82	56232.8	17.21	56226.04	56206.58203	56175.92196	56149.16406	505221.1	5409983.8
L5220.1	505221.1	5409984.2	18667.59961	417.09	0	48.842808	-86.928840	56209.98	56232.8	17.21	56227.19	56207.64844	56174.89732	56148.01172	505221.1	5409984.2
L5220.1	505221.1	5409984.6	18667.69922	419.77	0	48.842812	-86.928840	56211.45	56232.8	17.21	56228.67	56209.05078	56181.79045	56154.77734	505221.1	5409984.6
L5220.1	505221.1	5409984.6	18667.80078	421.74	0	48.842812	-86.928840	56212.83	56232.8	17.21	56230.04	56210.33984	56186.20197	56159.05859	505221.1	5409984.6
L5220.1	505221.1	5409985.1	18667.90039	422.28	0	48.842816	-86.928840	56213.96	56232.8	17.21	56231.17	56211.39063	56185.06281	56157.78906	505221.1	5409985.1
L5220.1	505221.1	5409985.4	18668.00000	420.73	0	48.842819	-86.928841	56214.82	56232.8	17.21	56232.03	56212.17188	56177.66858	56150.26172	505221.1	5409985.4
L5220.1	505221.1	5409985.8	18668.09961	420.55	0	48.842823	-86.928841	56216.13	56232.8	17.21	56233.34	56213.40625	56181.04939	56153.50391	505221.1	5409985.8
L5220.1	505221.1	5409986.2	18668.19922	423.28	0	48.842826	-86.928841	56217.25	56232.8	17.21	56234.45	56214.43750	56179.84048	56152.15625	505221.1	5409986.2
L5220.1	505221.1	5409986.2	18668.30078	424.12	0	48.842826	-86.928841	56218.42	56232.8	17.21	56235.62	56215.53125	56180.19495	56152.37500	505221.1	5409986.2
L5220.1	505221.1	5409986.6	18668.40039	426.42	0	48.842830	-86.928841	56219.52	56232.8	17.21	56236.73	56216.56641	56179.28045	56151.32031	505221.1	5409986.6
L5220.1	505221.1	5409987.0	18668.50000	426.08	0	48.842834	-86.928841	56220.66	56232.8	17.20	56237.87	56217.63281	56179.23032	56151.12891	505221.1	5409987.0
L5220.1	505221.1	5409987.0	18668.59961	428.02	0	48.842834	-86.928841	56221.59	56232.8	17.20	56238.79	56218.48047	56174.13829	56145.89453	505221.1	5409987.0
L5220.1	505221.1	5409987.4	18668.69922	427.25	0	48.842837	-86.928841	56222.86	56232.8	17.20	56240.07	56219.68750	56177.72417	56149.33984	505221.1	5409987.4
L5220.1	505221.1	5409987.8	18668.80078	425.86	0	48.842841	-86.928842	56223.95	56232.8	17.20	56241.15	56220.69531	56176.75146	56148.22266	505221.1	5409987.8
L5220.1	505221.0	5409988.1	18668.90039	423.70	0	48.842844	-86.928842	56224.96	56232.8	17.20	56242.16	56221.63281	56174.29928	56145.62500	505221.0	5409988.1
L5220.1	505221.0	5409988.5	18669.00000	421.92	0	48.842847	-86.928842	56226.11	56232.8	17.20	56243.31	56222.71094	56175.33840	56146.52344	505221.0	5409988.5
L5220.1	505221.0	5409988.5	18669.09961	422.04	0	48.842847	-86.928842	56227.12	56232.8	17.20	56244.32	56223.65234	56173.25304	56144.29297	505221.0	5409988.5
L5220.1	505221.0	5409988.8	18669.19922	421.79	0	48.842850	-86.928842	56228.43	56232.8	17.20	56245.62	56224.88281	56178.21597	56149.11328	505221.0	5409988.8
L5220.1	505221.0	5409989.2	18669.30078	421.70	0	48.842853	-86.928843	56229.78	56232.8	17.20	56246.98	56226.17578	56184.79355	56155.54688	505221.0	5409989.2
L5220.1	505221.0	5409989.2	18669.40039	420.73	0	48.842853	-86.928843	56230.92	56232.8	17.20	56248.11	56227.23828	56186.13335	56156.74609	505221.0	5409989.2
L5220.1	505221.0	5409989.6	18669.50000	418.68	0	48.842857	-86.928843	56231.93	56232.8	17.19	56249.13	56228.19531	56185.07764	56155.55078	505221.0	5409989.6

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5220.1	505221.0	5409990.0	18669.59961	418.61	0	48.842860	-86.928843	56232.94	56232.8	17.19	56250.13	56229.12891	56183.75920	56154.08984	505221.0	5409990.0
L5220.1	505221.0	5409990.3	18669.69922	415.29	0	48.842864	-86.928843	56234.09	56232.8	17.19	56251.29	56230.22656	56186.43886	56156.62891	505221.0	5409990.3
L5220.1	505221.0	5409990.3	18669.80078	416.32	0	48.842864	-86.928843	56235.24	56232.8	17.19	56252.43	56231.30078	56188.86475	56158.91797	505221.0	5409990.3
L5220.1	505220.9	5409990.7	18669.90039	419.17	0	48.842867	-86.928843	56236.16	56232.8	17.19	56253.35	56232.16016	56186.31196	56156.22656	505220.9	5409990.7
L5220.1	505220.9	5409990.7	18670.00000	420.65	0	48.842867	-86.928843	56236.88	56232.8	17.19	56254.07	56232.81641	56179.25756	56149.03906	505220.9	5409990.7
L5220.1	505220.9	5409991.5	18670.09961	421.30	0	48.842873	-86.928844	56238.12	56232.8	17.19	56255.31	56233.99609	56184.73054	56154.37891	505220.9	5409991.5
L5220.1	505220.9	5409991.5	18670.19922	421.42	0	48.842873	-86.928844	56239.33	56232.8	17.19	56256.52	56235.14844	56189.72947	56159.24609	505220.9	5409991.5
L5220.1	505220.9	5409991.8	18670.30078	421.55	0	48.842877	-86.928844	56240.42	56232.8	17.19	56257.60	56236.16797	56191.89335	56161.28125	505220.9	5409991.8
L5220.1	505220.9	5409992.3	18670.40039	421.12	0	48.842881	-86.928844	56241.66	56232.8	17.19	56258.85	56237.36328	56198.31938	56167.58203	505220.9	5409992.3
L5220.1	505220.9	5409992.7	18670.50000	425.54	0	48.842885	-86.928844	56242.56	56232.8	17.18	56259.75	56238.20703	56196.71492	56165.85547	505220.9	5409992.7
L5220.1	505220.9	5409992.7	18670.59961	422.79	0	48.842885	-86.928844	56243.88	56232.8	17.18	56261.06	56239.46094	56205.05387	56174.07422	505220.9	5409992.7
L5220.1	505220.8	5409993.1	18670.69922	423.93	0	48.842889	-86.928845	56244.96	56232.8	17.18	56262.14	56240.48438	56208.20562	56177.10938	505220.8	5409993.1
L5220.1	505220.8	5409993.5	18670.80078	425.24	0	48.842892	-86.928845	56246.01	56232.8	17.18	56263.19	56241.48047	56210.90195	56179.69141	505220.8	5409993.5
L5220.1	505220.8	5409993.5	18670.90039	425.79	0	48.842892	-86.928845	56246.68	56232.8	17.18	56263.86	56242.09766	56204.86910	56173.54688	505220.8	5409993.5
L5220.1	505220.8	5409994.0	18671.00000	419.78	0	48.842896	-86.928845	56247.98	56232.8	17.18	56265.16	56243.34766	56213.99152	56182.56250	505220.8	5409994.0
L5220.1	505220.8	5409994.4	18671.09961	420.93	0	48.842900	-86.928845	56248.96	56232.8	17.18	56266.14	56244.27734	56215.80745	56184.27734	505220.8	5409994.4
L5220.1	505220.8	5409994.8	18671.19922	429.78	0	48.842903	-86.928846	56249.96	56232.8	17.17	56267.13	56245.21875	56218.12160	56186.49219	505220.8	5409994.8
L5220.1	505220.7	5409995.1	18671.30078	428.61	0	48.842906	-86.928846	56250.98	56232.8	17.17	56268.15	56246.19141	56221.40820	56189.68359	505220.7	5409995.1
L5220.1	505220.7	5409995.4	18671.40039	429.05	0	48.842909	-86.928846	56251.90	56232.8	17.17	56269.07	56247.06250	56222.59432	56190.78125	505220.7	5409995.4
L5220.1	505220.7	5409995.4	18671.50000	431.80	0	48.842909	-86.928846	56253.14	56232.8	17.17	56270.30	56248.24609	56231.37553	56199.47656	505220.7	5409995.4
L5220.1	505220.7	5409995.8	18671.59961	430.53	0	48.842913	-86.928846	56254.09	56232.8	17.16	56271.25	56249.15234	56233.80123	56201.82422	505220.7	5409995.8
L5220.1	505220.7	5409996.1	18671.69922	431.81	0	48.842916	-86.928846	56255.23	56232.8	17.16	56272.39	56250.24609	56240.98517	56208.92969	505220.7	5409996.1
L5220.1	505220.7	5409996.1	18671.80078	431.31	0	48.842916	-86.928846	56256.16	56232.8	17.16	56273.32	56251.13281	56243.46887	56211.34375	505220.7	5409996.1
L5220.1	505220.7	5409996.5	18671.90039	432.76	0	48.842919	-86.928846	56257.14	56232.8	17.15	56274.29	56252.06250	56247.16339	56214.97266	505220.7	5409996.5
L5220.1	505220.7	5409996.5	18672.00000	432.56	0	48.842919	-86.928846	56257.88	56232.8	17.15	56275.03	56252.76172	56245.68362	56213.43750	505220.7	5409996.5
L5220.1	505220.7	5409997.0	18672.09961	431.63	0	48.842923	-86.928846	56258.84	56232.8	17.15	56275.99	56253.67969	56249.66920	56217.37109	505220.7	5409997.0
L5220.1	505220.7	5409997.4	18672.19922	432.44	0	48.842927	-86.928847	56259.89	56232.8	17.15	56277.05	56254.70313	56256.28127	56223.93359	505220.7	5409997.4
L5220.1	505220.7	5409997.7	18672.30078	432.46	0	48.842930	-86.928847	56261.12	56232.8	17.15	56278.27	56255.88672	56266.93694	56234.54688	505220.7	5409997.7
L5220.1	505220.6	5409998.2	18672.40039	426.49	0	48.842934	-86.928847	56262.32	56232.8	17.15	56279.47	56257.05078	56277.37797	56244.95313	505220.6	5409998.2
L5220.1	505220.6	5409998.2	18672.50000	426.99	0	48.842934	-86.928847	56263.16	56232.8	17.16	56280.32	56257.86328	56279.79892	56247.34766	505220.6	5409998.2
L5220.1	505220.6	5409998.6	18672.59961	426.37	0	48.842938	-86.928847	56264.04	56232.8	17.16	56281.19	56258.69922	56282.94618	56250.47266	505220.6	5409998.6
L5220.1	505220.6	5409998.9	18672.69922	427.34	0	48.842940	-86.928848	56264.86	56232.8	17.16	56282.02	56259.49609	56285.39807	56252.91016	505220.6	5409998.9
L5220.1	505220.6	5409999.3	18672.80078	431.74	0	48.842944	-86.928848	56265.79	56232.8	17.16	56282.94	56260.38672	56290.22529	56257.72656	505220.6	5409999.3
L5220.1	505220.6	5409999.3	18672.90039	431.51	0	48.842944	-86.928848	56266.66	56232.8	17.16	56283.82	56261.23438	56294.35031	56261.85156	505220.6	5409999.3
L5220.1	505220.6	5409999.8	18673.00000	431.59	0	48.842948	-86.928848	56267.62	56232.8	17.16	56284.78	56262.16797	56300.60675	56268.11719	505220.6	5409999.8
L5220.1	505220.5	5410000.2	18673.09961	432.93	0	48.842952	-86.928849	56268.72	56232.8	17.16	56285.88	56263.23828	56310.40915	56277.93359	505220.5	5410000.2
L5220.1	505220.5	5410000.5	18673.19922	431.41	0	48.842955	-86.928849	56269.54	56232.8	17.16	56286.70	56264.03125	56313.82169	56281.36328	505220.5	5410000.5
L5220.1	505220.5	5410000.5	18673.30078	431.51	0	48.842955	-86.928849	56270.56	56232.8	17.16	56287.72	56265.02734	56322.18957	56289.76172	505220.5	5410000.5
L5220.1	505220.5	5410000.8	18673.40039	431.77	0	48.842958	-86.928849	56271.38	56232.8	17.16	56288.54	56265.82031	56326.04926	56293.65625	505220.5	5410000.8
L5220.1	505220.4	5410001.3	18673.50000	432.75	0	48.842962	-86.928850	56272.34	56232.8	17.16	56289.50	56266.75781	56333.43488	56301.08594	505220.4	5410001.3
L5220.1	505220.4	5410001.3	18673.59961	432.50	0	48.842962	-86.928850	56272.96	56232.8	17.16	56290.12	56267.35938	56332.99063	56300.69531	505220.4	5410001.3
L5220.1	505220.4	5410001.7	18673.69922	432.15	0	48.842965	-86.928850	56273.78	56232.8	17.16	56290.94	56268.15625	56337.47921	56305.24609	505220.4	5410001.7
L5220.1	505220.4	5410002.1	18673.80078	429.70	0	48.842969	-86.928851	56274.64	56232.8	17.16	56291.81	56269.00781	56343.34734	56311.17969	505220.4	5410002.1
L5220.1	505220.4	5410002.1	18673.90039	428.76	0	48.842969	-86.928851	56275.54	56232.8	17.16	56292.70	56269.87891	56349.87896	56317.78906	505220.4	5410002.1
L5220.1	505220.3	5410002.7	18674.00000	429.01	0	48.842975	-86.928852	56276.18	56232.8	17.16	56293.34	56270.50391	56350.68270	56318.67578	505220.3	5410002.7
L5220.1	505220.3	5410002.7	18674.09961	428.24	0	48.842975	-86.928852	56276.66	56232.8	17.16	56293.82	56270.96875	56347.87944	56315.96875	505220.3	5410002.7
L5220.1	505220.3	5410003.0	18674.19922	428.11	0	48.842978	-86.928852	56277.56	56232.8	17.16	56294.72	56271.85547	56355.17627	56323.36719	505220.3	5410003.0
L5220.1	505220.2	5410003.3	18674.30078	430.77	0	48.842980	-86.928853	56277.91	56232.8	17.16	56295.07	56272.19141	56349.62884	56317.92969	505220.2	5410003.3
L5220.1	505220.2	5410003.3	18674.40039	430.92	0	48.842980	-86.928853	56278.65	56232.8	17.16	56295.81	56272.92188	56353.45623	56321.87500	505220.2	5410003.3
L5220.1	505220.2	5410003.7	18674.50000	431.91	0	48.842983	-86.928853	56279.32	56232.8	17.16	56296.48	56273.58203	56355.77299	56324.32422	505220.2	5410003.7
L5220.1	505220.2	5410003.9	18674.59961	433.16	0	48.842985	-86.928853	56279.57	56232.8	17.16	56296.73	56273.82422	56348.29448	56316.98047	505220.2	5410003.9
L5220.1	505220.2	5410003.9	18674.69922	435.91	0	48.842985	-86.928853	56280.18	56232.8	17.16	56297.34	56274.42578	56349.45566	56318.28906	505220.2	5410003.9
L5220.1	505220.2	5410004.1	18674.80078	436.77	0	48.842987	-86.928854	56280.62	56232.8	17.16	56297.78	56274.85938	56346.71516	56315.70313	505220.2	5410004.1
L5220.1	505220.1	5410004.3	18674.90039	438.04	0	48.842989	-86.928854	56281.06	56232.8	17.16	56298.22	56275.29688	56344.08349	56313.23438	505220.1	5410004.3
L5220.1	505220.1	5410004.4	18675.00000	439.64	0	48.842990	-86.928854	56281.33	56232.8	17.16	56298.49	56275.56250	56337.53134	56306.85938	505220.1	5410004.4
L5220.1	505220.1	5410004.6	18675.09961	438.11	0	48.842992	-86.928854	56281.84	56232.8	17.16	56299.00	56276.07422	56336.74385	56306.25391	505220.1	5410004.6
L5220.1	505220.1	5410004.6	18675.19922	439.82	0	48.842992	-86.928854	56282.12	56232.8	17.16	56299.27	56276.34375	56330.36105	56300.06250	505220.1	5410004.6
L5220.1	505220.1	5410004.7	18675.30078	439.03	0	48.842993	-86.928854	56282.45	56232.8	17.15	56299.61	56276.68359	56325.70311	56295.60547	505220.1	5410004.7
L5220.1	505220.1	5410004.9	18675.40039	439.99	0	48.842994	-86.928854	56282.53	56232.8	17.15	56299.68	56276.75781	56314.72016	56284.83203	505220.1	5410004.9
L5220.1	505220.1	5410004.9	18675.50000	427.38	0	48.842994	-86.928854	56282.78	56232.8	17.15	56299.93	56277.01172	56308.04242	56278.37500	505220.1	5410004.9
L5220.1	505220.1	5410005.0	18675.59961	427.71	0	48.842995	-86.928854	56283.02	56232.9	17.15	56300.16	56277.25000	56300.93013	56271.49219	505220.1	5410005.0
L5220.1	505220.1	5410005.1	18675.69922	438.92	0	48.842996	-86.928855	56282.91	56232.9	17.15	56300.06	56277.15625	56286.04236	56256.84375	505220.1	5410005.1
L5220.1	505220.1	5410005.1	18675.80078	435.64	0	48.842996	-86.928855	56283.02	56232.9	17.14	56300.16	56277.26563	56275.90057	56246.94922	505220.1	5410005.1
L5220.1	505220.1	5410005.2	18675.90039	433.91	0	48.842998	-86.928855	56283.37	56232.9	17.14	56300.51	56277.62891	56271.67611	56242.98047	505220.1	5410005.2
L5220.1	505220.1	5410005.2	18676.00000	429.42	0	48.842998	-86.928855	56283.78	56232.9	17.14	56300.92	56278.05078	56268.86518	56240.43359	505220.1	5410005.2
L5220.1	505220.1	5410005.2	18676.09961	430.29	0	48.842998	-86.928855	56283.81	56232.9	17.14	56300.95	56278.09375	56257.05241	56228.89844	505220.1	5410005.2
L5220.1	505220.0	5410005.3	18676.19922	430.97	0	48.842998	-86.928855	56283.98	56232.9	17.14	56301.11	56278.26953	56248.28599	56220.41797	505220.0	5410005.3
L5220.1	505220.0	5410005.4	18676.30078	432.74	0	48.842999	-86.928855	56283.95	56232.9	17.14	56301.09	56278.26953	56235.22436	56207.64844	505220.0	5410005.4
L5220.1	505220.0	5410005.5	18676.40039	435.68	0	48.843000	-86.928855	56284.50	56232.9	17.14	56301.63	56278.82813	56235.35415	56208.07813	505220.0	5410005.5
L5220.1	505220.0	5410005.5	18676.50000	437.95	0	48.843000	-86.928855	56284.73	56232.9	17.14	56301.86	56279.07813	56228.09200	56201.12891	505220.0	5410005.5
L5220.1	505220.0	5410005.6	18676.59961	441.12	0	48.843001	-86.928855	56285.05	56232.9	17.13	56302.18	56279.42188	56222.88484	56196.24609	505220.0	5410005.6
L5220.1	505220.0	5410005.8	18676.69922	440.78	0	48.843002	-86.928856	56285.52	56232.9	17.13	56302.65	56279.91797	56221.14000	56194.82813	505220.0	5410005.8
L5220.1	505220.0	5410005.9	18676.80078	441.63	0	48.843003	-86.928856	56285.67	56232.9	17.13	56302.80	56280.09375	56211.73244	56185.76172	505220.0	5410005.9
L5220.1	505220.0	5410005.9	18676.90039	441.84	0	48.843003	-86.928856	56285.77	56232.9	17.13	56302.90	56280.21875	56201.03512	56175.41016	505220.0	5410005.9
L5220.1	505220.0	5410006.1	18677.00000	442.95	0	48.843005	-86.928856	56286.00	56232.9	17.13	56303.13	56280.48047	56193.29291	56168.02734	505220.0	5410006.1
L5220.1	505220.0	5410006.3	18677.09961	443.52	0	48.843007	-86.928855	56286.38	56232.9	17.13	56303.51	56280.89063	56188.96734	56164.06641	505220.0	5410006.3
L5220.1	505220.0	5410006.3	18677.19922	442.78	0	48.843007	-86.928855	56286.31	56232.9	17.13	56303.43	56280.84375	56173.62311	56149.09766	505220.0	5410006.3
L5220.1	505220.0	5410006.6	18677.30078	428.68	0	48.843009	-86.928855	56286.92	56232.9	17.13	56304.05	56281.50000	56174.67822	56150.53125	505220.0	5410006.6
L5220.1	505220.0	5410006.8	18677.40039	430.89	0	48.843011	-86.928855	56287.42	56232.9	17.13	56304.55	56282.03516	56172.73185	56148.97656	505220.0	5410006.8
L5220.1	505220.1	5410007.1	18677.50000	437.82	0	48.843014	-86.928855	56287.71	56232.9	17.13	56304.84	56282.36328	56165.64480	56142.28906	505220.1	5410007.1
L5220.1	505220.1	5410007.1	18677.59961	440.09	0	48.843014	-86.928855	56287.94	56232.9	17.13	56305.07	56282.63672	56156.95298	56134.00391	505220.1	5410007.1
L5220.1	505220.1	5410007.4	18677.69922	440.70	0	48.843017	-86.928855	56288.76	56232.9	17.13	56305.89	56283.49609	56162.01540	56139.48438	505220.1	5410007.4
L5220.1	505220.1	5410007.7	18677.80078	441.45	0	48.843020	-86.928855	56289.37	56232.9	17.13	56306.50	56284.15234	56161.90459	56139.79688	505220.1	5410007.7
L5220.1	505220.1	5410008.0	18677.90039	441.83	0	48.843022	-86.928855	56289.81	56232.9	17.13	56306.94	56284.63672	56157.55583	56135.87891	505220.1	5410008.0
L5220.1	505220.1	5410008.0	18678.00000	441.40	0	48.843022	-86.928855	56290.62	56232.9	17.13	56307.75	56285.49609	56161.72751	56140.48828	505220.1	5410008.0
L5220.1	505220.1	5410008.4	18678.09961	441.92	0	48.843026	-86.928855	56291.18	56232.9	17.13	56308.31	56286.10547	56159.74890	56138.95703	505220.1	5410008.4
L5220.1	505220.1	5410008.7	18678.19922	442.76	0	48.843028	-86.928855	56291.97	56232.9	17.13	56309.10	56286.94922	56162.95999	56142.62109	505220.1	5410008.7
L5220.1	505220.1	5410009.0	18678.30078	441.28	0	48.843032	-86.928854	56292.67	56232.9	17.13	56309.80	56287.69922	56163.78423	56143.90625	505220.1	5410009.0
L5220.1	505220.1	5410009.0	18678.40039	439.58	0	48.843032	-86.928854	56293.02	56232.9	17.13	56310.15	56288.10547	56156.06402	56136.65234	505220.1	5410009.0
L5220.1	505220.1	5410009.4	18678.50000	438.70	0	48.843034	-86.928854	56293.78	56232.9	17.13	56310.91	56288.92578	56157.76082	56138.82422	505220.1	5410009.4
L5220.1	505220.1	5410009.7	18678.59961	434.99	0	48.843038	-86.928854	56294.20	56232.9	17.13	56311.32	56289.39453	56150.89452	56132.44141	505220.1	5410009.7
L5220.1	505220.1	5410009.7	18678.69922	432.81	0	48.843038	-86.928854	56294.96	56232.9	17.13	56312.09	56290.22656	56152.24475	56134.27734	505220.1	5410009.7
L5220.1	505220.1	5410010.1	18678.80078	432.41	0	48.843041	-86.928854	56295.41	56232.9	17.13	56312.54	56290.73828	56145.72358	56128.25000	505220.1	5410010.1

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5220.1	505220.1	5410010.6	18678.90039	424.06	0	48.843046	-86.928854	56296.01	56232.9	17.13	56313.14	56291.40625	56142.43613	56125.46484	505220.1	5410010.6
L5220.1	505220.1	5410011.0	18679.00000	423.79	0	48.843049	-86.928854	56296.74	56232.9	17.13	56313.87	56292.20313	56141.90129	56125.43750	505220.1	5410011.0
L5220.1	505220.1	5410011.0	18679.09961	431.84	0	48.843049	-86.928854	56297.64	56232.9	17.13	56314.77	56293.17188	56145.05701	56129.10547	505220.1	5410011.0
L5220.1	505220.1	5410011.6	18679.19922	431.00	0	48.843054	-86.928854	56298.63	56232.9	17.13	56315.76	56294.23438	56150.00398	56134.57031	505220.1	5410011.6
L5220.1	505220.1	5410012.0	18679.30078	431.50	0	48.843058	-86.928854	56299.32	56232.9	17.14	56316.46	56295.00781	56147.74946	56132.83984	505220.1	5410012.0
L5220.1	505220.1	5410012.0	18679.40039	434.84	0	48.843058	-86.928854	56300.24	56232.9	17.14	56317.38	56296.00391	56150.34584	56135.96484	505220.1	5410012.0
L5220.1	505220.1	5410012.5	18679.50000	435.28	0	48.843063	-86.928854	56300.85	56232.9	17.14	56317.99	56296.69531	56145.25410	56131.40625	505220.1	5410012.5
L5220.1	505220.1	5410013.0	18679.59961	435.50	0	48.843067	-86.928854	56302.03	56232.9	17.14	56319.17	56297.95313	56153.27627	56139.96875	505220.1	5410013.0
L5220.1	505220.1	5410013.6	18679.69922	435.08	0	48.843073	-86.928854	56302.44	56232.9	17.14	56319.58	56298.44531	56142.72078	56129.95703	505220.1	5410013.6
L5220.1	505220.1	5410013.6	18679.80078	436.78	0	48.843073	-86.928854	56303.53	56232.9	17.15	56320.68	56299.62891	56148.10496	56135.89063	505220.1	5410013.6
L5220.1	505220.2	5410014.2	18679.90039	437.16	0	48.843078	-86.928854	56304.68	56232.9	17.15	56321.83	56300.86719	56154.29006	56142.62500	505220.2	5410014.2
L5220.1	505220.2	5410014.7	18680.00000	429.76	0	48.843083	-86.928853	56305.78	56232.8	17.15	56322.93	56302.05469	56158.90646	56147.79688	505220.2	5410014.7
L5220.1	505220.2	5410014.7	18680.09961	431.11	0	48.843083	-86.928853	56306.80	56232.9	17.15	56323.94	56303.15625	56161.00366	56150.45703	505220.2	5410014.7
L5220.1	505220.2	5410015.1	18680.19922	441.81	0	48.843086	-86.928853	56307.57	56232.9	17.14	56324.71	56304.01953	56157.03047	56147.04688	505220.2	5410015.1
L5220.1	505220.2	5410015.7	18680.30078	442.08	0	48.843091	-86.928853	56308.71	56232.9	17.14	56325.86	56305.26563	56161.64339	56152.22656	505220.2	5410015.7
L5220.1	505220.2	5410016.2	18680.40039	441.53	0	48.843096	-86.928852	56309.63	56232.9	17.14	56326.77	56306.27344	56160.17837	56151.33203	505220.2	5410016.2
L5220.1	505220.2	5410016.2	18680.50000	442.55	0	48.843096	-86.928852	56310.96	56232.9	17.14	56328.09	56307.69141	56168.00203	56159.73047	505220.2	5410016.2
L5220.1	505220.3	5410017.1	18680.59961	444.52	0	48.843104	-86.928852	56311.90	56232.9	17.13	56329.03	56308.73438	56166.43126	56158.73438	505220.3	5410017.1
L5220.1	505220.3	5410017.7	18680.69922	433.35	0	48.843110	-86.928852	56312.89	56232.9	17.13	56330.02	56309.82813	56165.63130	56158.51563	505220.3	5410017.7
L5220.1	505220.3	5410017.7	18680.80078	433.36	0	48.843110	-86.928852	56313.92	56232.9	17.13	56331.04	56310.95313	56165.12712	56158.58984	505220.3	5410017.7
L5220.1	505220.3	5410018.4	18680.90039	443.11	0	48.843115	-86.928851	56315.33	56232.9	17.12	56332.45	56312.47266	56173.42953	56167.47656	505220.3	5410018.4
L5220.1	505220.3	5410019.0	18681.00000	432.43	0	48.843121	-86.928851	56316.70	56232.9	17.12	56333.82	56313.94922	56180.36940	56175.00000	505220.3	5410019.0
L5220.1	505220.3	5410019.0	18681.09961	431.44	0	48.843121	-86.928851	56317.72	56232.9	17.12	56334.84	56315.08203	56178.61552	56173.83594	505220.3	5410019.0
L5220.1	505220.4	5410019.7	18681.19922	432.73	0	48.843128	-86.928851	56319.16	56232.9	17.12	56336.28	56316.63672	56186.37461	56182.18359	505220.4	5410019.7
L5220.1	505220.4	5410020.6	18681.30078	432.14	0	48.843136	-86.928850	56320.56	56232.9	17.12	56337.68	56318.15234	56192.76931	56189.16797	505220.4	5410020.6
L5220.1	505220.4	5410020.6	18681.40039	427.86	0	48.843136	-86.928850	56321.61	56232.9	17.12	56338.73	56319.32422	56190.46949	56187.46094	505220.4	5410020.6
L5220.1	505220.4	5410021.3	18681.50000	433.78	0	48.843142	-86.928850	56322.70	56232.9	17.13	56339.82	56320.53516	56188.69754	56186.28125	505220.4	5410021.3
L5220.1	505220.4	5410022.2	18681.59961	433.85	0	48.843151	-86.928850	56324.25	56232.9	17.13	56341.38	56322.21484	56197.62205	56195.79688	505220.4	5410022.2
L5220.1	505220.4	5410022.2	18681.69922	434.76	0	48.843151	-86.928850	56325.46	56232.9	17.13	56342.58	56323.54297	56197.61812	56196.38672	505220.4	5410022.2
L5220.1	505220.5	5410023.3	18681.80078	434.17	0	48.843160	-86.928849	56326.81	56232.9	17.13	56343.93	56325.01953	56200.74673	56200.10938	505220.5	5410023.3
L5220.1	505220.5	5410023.9	18681.90039	427.94	0	48.843165	-86.928849	56328.36	56232.9	17.13	56345.49	56326.70703	56208.42853	56208.38672	505220.5	5410023.9
L5220.1	505220.5	5410023.9	18682.00000	430.37	0	48.843165	-86.928849	56329.67	56232.9	17.13	56346.80	56328.14844	56209.78867	56210.33984	505220.5	5410023.9
L5220.1	505220.5	5410024.7	18682.09961	426.07	0	48.843172	-86.928849	56331.43	56232.9	17.13	56348.55	56330.03125	56221.14542	56222.28906	505220.5	5410024.7
L5220.1	505220.5	5410025.4	18682.19922	427.34	0	48.843179	-86.928849	56332.52	56232.9	17.13	56349.65	56331.26563	56216.72768	56218.46875	505220.5	5410025.4
L5220.1	505220.5	5410025.4	18682.30078	435.79	0	48.843179	-86.928849	56334.03	56232.9	17.12	56351.15	56332.90625	56221.36690	56223.69922	505220.5	5410025.4
L5220.1	505220.5	5410026.3	18682.40039	433.12	0	48.843187	-86.928848	56335.48	56232.9	17.12	56352.60	56334.49609	56224.42601	56227.35156	505220.5	5410026.3
L5220.1	505220.6	5410027.4	18682.50000	432.24	0	48.843197	-86.928848	56337.20	56232.9	17.12	56354.32	56336.35547	56233.47561	56236.99219	505220.6	5410027.4
L5220.1	505220.6	5410028.3	18682.59961	430.58	0	48.843205	-86.928847	56338.55	56232.9	17.12	56355.67	56337.84766	56233.38651	56237.49219	505220.6	5410028.3
L5220.1	505220.6	5410028.3	18682.69922	433.27	0	48.843205	-86.928847	56340.16	56232.9	17.12	56357.27	56339.59375	56238.82368	56243.51953	505220.6	5410028.3
L5220.1	505220.6	5410029.2	18682.80078	434.08	0	48.843213	-86.928847	56341.71	56232.9	17.11	56358.82	56341.29297	56242.69815	56247.98047	505220.6	5410029.2
L5220.1	505220.7	5410030.4	18682.90039	437.14	0	48.843224	-86.928846	56343.24	56232.9	17.11	56360.35	56342.97266	56245.72437	56251.59375	505220.7	5410030.4
L5220.1	505220.7	5410031.3	18683.00000	437.99	0	48.843232	-86.928846	56345.08	56232.9	17.11	56362.19	56344.96094	56255.71085	56262.16406	505220.7	5410031.3
L5220.1	505220.7	5410031.3	18683.09961	439.31	0	48.843232	-86.928846	56346.43	56232.9	17.11	56363.54	56346.46484	56253.74647	56260.78516	505220.7	5410031.3
L5220.1	505220.7	5410032.3	18683.19922	440.02	0	48.843241	-86.928846	56348.40	56232.9	17.11	56365.51	56348.58984	56266.08407	56273.70313	505220.7	5410032.3
L5220.1	505220.7	5410033.1	18683.30078	440.87	0	48.843248	-86.928846	56349.93	56232.9	17.11	56367.05	56350.28906	56267.90155	56276.10156	505220.7	5410033.1
L5220.1	505220.7	5410033.1	18683.40039	440.81	0	48.843248	-86.928846	56351.38	56232.9	17.11	56368.49	56351.88672	56267.00843	56275.78125	505220.7	5410033.1
L5220.1	505220.7	5410034.0	18683.50000	441.05	0	48.843256	-86.928845	56353.35	56232.9	17.11	56370.47	56354.02734	56278.54466	56287.89453	505220.7	5410034.0
L5220.1	505220.7	5410035.1	18683.59961	442.33	0	48.843266	-86.928845	56354.75	56232.9	17.12	56371.87	56355.58984	56276.03361	56285.95313	505220.7	5410035.1
L5220.1	505220.7	5410035.1	18683.69922	442.03	0	48.843266	-86.928845	56356.54	56232.9	17.12	56373.66	56357.54297	56282.41882	56292.91016	505220.7	5410035.1
L5220.1	505220.8	5410036.2	18683.80078	442.53	0	48.843276	-86.928845	56358.45	56232.9	17.12	56375.57	56359.62109	56291.32308	56302.37891	505220.8	5410036.2
L5220.1	505220.8	5410037.2	18683.90039	442.43	0	48.843285	-86.928845	56359.84	56232.9	17.12	56376.96	56361.17578	56287.62038	56299.24219	505220.8	5410037.2
L5220.1	505220.8	5410038.3	18684.00000	441.66	0	48.843295	-86.928844	56361.88	56232.9	17.12	56379.00	56363.38672	56298.98399	56311.16406	505220.8	5410038.3
L5220.1	505220.8	5410039.3	18684.09961	440.11	0	48.843304	-86.928844	56363.30	56232.9	17.12	56380.42	56364.97656	56295.39129	56308.12891	505220.8	5410039.3
L5220.1	505220.8	5410039.3	18684.19922	440.84	0	48.843304	-86.928844	56365.02	56232.9	17.12	56382.14	56366.87109	56298.60438	56311.89844	505220.8	5410039.3
L5220.1	505220.8	5410040.6	18684.30078	440.42	0	48.843315	-86.928844	56366.70	56232.9	17.12	56383.82	56368.72266	56300.59165	56314.43750	505220.8	5410040.6
L5220.1	505220.8	5410040.6	18684.40039	440.21	0	48.843315	-86.928844	56368.69	56232.9	17.12	56385.81	56370.89063	56309.63728	56324.03125	505220.8	5410040.6
L5220.1	505220.8	5410041.8	18684.50000	441.18	0	48.843326	-86.928844	56370.32	56232.9	17.12	56387.44	56372.69531	56309.90675	56324.84766	505220.8	5410041.8
L5220.1	505220.8	5410043.1	18684.59961	440.49	0	48.843338	-86.928844	56372.24	56232.9	17.12	56389.36	56374.79688	56316.77823	56332.26172	505220.8	5410043.1
L5220.1	505220.8	5410043.1	18684.69922	440.93	0	48.843338	-86.928844	56373.69	56232.9	17.12	56390.81	56376.42578	56312.28928	56328.30859	505220.8	5410043.1
L5220.1	505220.8	5410044.1	18684.80078	441.64	0	48.843347	-86.928844	56375.66	56232.9	17.12	56392.78	56378.57813	56319.85785	56336.41406	505220.8	5410044.1
L5220.1	505220.8	5410044.1	18684.90039	442.26	0	48.843347	-86.928844	56377.67	56232.9	17.12	56394.79	56380.76953	56328.14250	56345.23047	505220.8	5410044.1
L5220.1	505220.8	5410045.6	18685.00000	442.55	0	48.843361	-86.928844	56379.46	56232.9	17.12	56396.58	56382.74219	56331.00393	56348.61719	505220.8	5410045.6
L5220.1	505220.8	5410046.5	18685.09961	443.89	0	48.843369	-86.928844	56381.47	56232.9	17.12	56398.59	56384.93750	56338.85504	56356.99219	505220.8	5410046.5
L5220.1	505220.8	5410047.5	18685.19922	445.27	0	48.843378	-86.928844	56383.39	56232.9	17.12	56400.51	56387.04688	56344.37433	56363.03125	505220.8	5410047.5
L5220.1	505220.8	5410047.5	18685.30078	442.63	0	48.843378	-86.928844	56385.20	56232.9	17.12	56402.32	56389.04297	56347.09765	56366.26953	505220.8	5410047.5
L5220.1	505220.9	5410048.6	18685.40039	441.29	0	48.843388	-86.928844	56386.98	56232.9	17.12	56404.10	56391.01172	56348.92545	56368.60938	505220.9	5410048.6
L5220.1	505220.9	5410049.7	18685.50000	439.59	0	48.843398	-86.928843	56389.06	56232.9	17.12	56406.18	56393.28125	56357.66967	56377.86328	505220.9	5410049.7
L5220.1	505220.9	5410049.7	18685.59961	433.45	0	48.843398	-86.928843	56390.73	56232.9	17.12	56407.85	56395.14453	56356.55050	56377.24609	505220.9	5410049.7
L5220.1	505220.9	5410050.9	18685.69922	433.93	0	48.843408	-86.928843	56393.14	56232.9	17.12	56410.26	56397.74609	56372.76950	56393.96484	505220.9	5410050.9
L5220.1	505220.9	5410051.9	18685.80078	434.03	0	48.843417	-86.928843	56394.70	56232.9	17.12	56411.82	56399.50000	56368.73844	56390.42969	505220.9	5410051.9
L5220.1	505220.9	5410053.3	18685.90039	436.21	0	48.843430	-86.928843	56396.50	56232.9	17.12	56413.62	56401.49219	56370.24007	56392.42578	505220.9	5410053.3
L5220.1	505220.9	5410053.3	18686.00000	439.07	0	48.843430	-86.928843	56398.49	56232.9	17.12	56415.61	56403.67969	56376.10079	56398.77344	505220.9	5410053.3
L5220.1	505220.9	5410054.8	18686.09961	435.45	0	48.843443	-86.928842	56400.28	56232.9	17.12	56417.40	56405.66406	56377.10733	56400.26172	505220.9	5410054.8
L5220.1	505221.0	5410055.7	18686.19922	437.30	0	48.843452	-86.928842	56402.14	56232.9	17.12	56419.27	56407.73047	56379.88911	56403.52344	505221.0	5410055.7
L5220.1	505221.0	5410055.7	18686.30078	436.46	0	48.843452	-86.928842	56403.98	56232.9	17.13	56421.10	56409.75781	56381.61714	56405.72656	505221.0	5410055.7
L5220.1	505221.0	5410056.8	18686.40039	436.73	0	48.843461	-86.928842	56406.10	56232.9	17.13	56423.23	56412.08594	56390.33948	56414.91797	505221.0	5410056.8
L5220.1	505221.0	5410058.0	18686.50000	438.44	0	48.843472	-86.928842	56408.04	56232.9	17.13	56425.17	56414.22656	56394.47799	56419.52344	505221.0	5410058.0
L5220.1	505220.9	5410059.3	18686.59961	435.88	0	48.843484	-86.928842	56410.08	56232.9	17.13	56427.21	56416.46484	56400.89826	56426.40625	505220.9	5410059.3
L5220.1	505220.9	5410059.3	18686.69922	436.14	0	48.843484	-86.928842	56411.72	56232.9	17.13	56428.85	56418.30469	56397.78552	56423.75391	505220.9	5410059.3
L5220.1	505220.9	5410060.4	18686.80078	434.50	0	48.843494	-86.928842	56413.47	56232.9	17.14	56430.61	56420.26563	56397.44372	56423.86328	505220.9	5410060.4
L5220.1	505220.9	5410061.6	18686.90039	434.06	0	48.843504	-86.928842	56415.34	56232.9	17.14	56432.48	56422.33984	56399.64439	56426.51563	505220.9	5410061.6
L5220.1	505220.9	5410062.9	18687.00000	431.21	0	48.843517	-86.928843	56417.56	56232.9	17.14	56434.70	56424.75781	56410.07040	56437.38281	505220.9	5410062.9
L5220.1	505220.9	5410062.9	18687.09961	432.53	0	48.843517	-86.928843	56419.45	56232.9	17.14	56436.58	56426.83984	56412.41383	56440.16797	505220.9	5410062.9
L5220.1	505220.9	5410064.1	18687.19922	431.55	0	48.843527	-86.928843	56421.23	56232.9	17.14	56438.37	56428.83203	56412.59380	56440.78516	505220.9	5410064.1
L5220.1	505220.9	5410065.3	18687.30078	433.28	0	48.843538	-86.928843	56422.94	56232.9	17.13	56440.07	56430.73438	56410.61779	56439.24219	505220.9	5410065.3
L5220.1	505220.9	5410066.7	18687.40039	432.52	0	48.843550	-86.928843	56424.75	56232.9	17.13	56441.89	56432.75781	56411.45882	56440.51172	505220.9	5410066.7
L5220.1	505220.9	5410066.7	18687.50000	433.61	0	48.843550	-86.928843	56426.88	56232.9	17.13	56444.00	56435.07031	56419.14394	56448.61719	505220.9	5410066.7
L5220.1	505220.9	5410067.9	18687.59961	434.14	0	48.843561	-86.928843	56428.64	56232.9	17.13	56445.77	56437.04297	56418.78333	56448.67578	505220.9	5410067.9
L5220.1	505220.9	5410069.0	18687.69922	435.30	0	48.843571	-86.928843	56430.60	56232.9	17.13	56447.72	56439.19531	56422.67982	56452.98828	505220.9	5410069.0
L5220.1	505220.9	5410070.2	18687.80078	438.07	0	48.843582	-86.928843	56432.48	56232.9	17.12	56449.61	56441.28906	56425.16522	56455.88672	505220.9	5410070.2
L5220.1	505220.9	5410070.2	18687.90039	438.11	0	48.843582	-86.928843	56434.53	56232.9	17.12	56451.65	56443.53125	56431.21183	56462.33984	505220.9	5410070.2
L5220.1	505220.9	5410071.5	18688.00000	438.80	0	48.843594	-86.928843	56436.49	56232.9	17.12	56453.61	56445.69531	56435.38763	56466.91406	505220.9	5410071.5
L5220.1	505220.9	5410072.8	18688.09961	437.74	0	48.843606	-86.928843	56438.16	56232.9	17.12	56455.28	56447.56641	56432.73334	56464.65625	505220.9	5410072.8

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5220.1	505220.8	5410074.1	18688.19922	438.07	0	48.843617	-86.928843	56440.04	56232.9	17.12	56457.17	56449.66016	56435.31462	56467.63281	505220.8	5410074.1
L5220.1	505220.8	5410074.1	18688.30078	437.72	0	48.843617	-86.928843	56441.90	56232.9	17.12	56459.03	56451.72266	56437.22606	56469.93359	505220.8	5410074.1
L5220.1	505220.8	5410075.3	18688.40039	440.98	0	48.843628	-86.928844	56443.74	56232.9	17.12	56460.87	56453.76172	56438.71004	56471.80078	505220.8	5410075.3
L5220.1	505220.8	5410076.4	18688.50000	439.86	0	48.843637	-86.928844	56445.53	56232.9	17.13	56462.65	56455.74609	56438.82650	56472.29688	505220.8	5410076.4
L5220.1	505220.8	5410076.4	18688.59961	439.31	0	48.843637	-86.928844	56447.42	56232.9	17.13	56464.54	56457.83594	56441.60087	56475.44531	505220.8	5410076.4
L5220.1	505220.8	5410077.9	18688.69922	441.53	0	48.843651	-86.928844	56449.23	56232.9	17.13	56466.36	56459.85547	56442.78233	56477.00000	505220.8	5410077.9
L5220.1	505220.8	5410079.4	18688.80078	441.26	0	48.843664	-86.928844	56451.22	56232.9	17.13	56468.35	56462.04688	56448.05123	56482.63672	505220.8	5410079.4
L5220.1	505220.8	5410080.8	18688.90039	441.20	0	48.843677	-86.928844	56452.86	56232.9	17.13	56469.98	56463.87500	56444.88041	56479.82422	505220.8	5410080.8
L5220.1	505220.8	5410080.8	18689.00000	442.29	0	48.843677	-86.928844	56454.92	56232.9	17.13	56472.05	56466.14453	56452.19159	56487.49219	505220.8	5410080.8
L5220.1	505220.8	5410081.8	18689.09961	444.94	0	48.843687	-86.928844	56456.71	56232.9	17.13	56473.84	56468.12891	56452.96460	56488.62109	505220.8	5410081.8
L5220.1	505220.8	5410083.1	18689.19922	442.02	0	48.843698	-86.928844	56458.46	56232.9	17.13	56475.60	56470.08594	56453.11562	56489.12109	505220.8	5410083.1
L5220.1	505220.8	5410083.1	18689.30078	440.49	0	48.843698	-86.928844	56460.36	56232.9	17.14	56477.49	56472.17578	56456.43258	56492.78125	505220.8	5410083.1
L5220.1	505220.7	5410084.7	18689.40039	429.97	0	48.843713	-86.928845	56462.38	56232.9	17.14	56479.51	56474.39063	56462.91991	56499.60547	505220.7	5410084.7
L5220.1	505220.7	5410085.8	18689.50000	431.46	0	48.843722	-86.928845	56464.29	56232.9	17.14	56481.43	56476.50391	56467.14333	56504.16406	505220.7	5410085.8
L5220.1	505220.7	5410086.9	18689.59961	429.78	0	48.843732	-86.928845	56466.33	56232.9	17.14	56483.47	56478.73828	56474.30910	56511.66016	505220.7	5410086.9
L5220.1	505220.7	5410088.1	18689.69922	435.53	0	48.843743	-86.928845	56467.88	56232.9	17.14	56485.03	56480.48828	56470.23367	56507.91016	505220.7	5410088.1
L5220.1	505220.7	5410088.1	18689.80078	434.12	0	48.843743	-86.928845	56469.85	56232.9	17.15	56487.00	56482.65234	56475.96580	56513.96094	505220.7	5410088.1
L5220.1	505220.7	5410089.8	18689.90039	430.54	0	48.843758	-86.928845	56471.66	56232.9	17.15	56488.81	56484.65234	56478.03106	56516.33984	505220.7	5410089.8
L5220.1	505220.7	5410091.1	18690.00000	431.94	0	48.843770	-86.928845	56473.42	56232.8	17.15	56490.57	56486.59766	56479.03411	56517.65234	505220.7	5410091.1
L5220.1	505220.7	5410091.1	18690.09961	433.17	0	48.843770	-86.928845	56475.46	56232.9	17.15	56492.61	56488.82813	56486.78160	56525.70313	505220.7	5410091.1
L5220.1	505220.7	5410092.2	18690.19922	432.24	0	48.843779	-86.928845	56476.94	56232.9	17.15	56494.09	56490.49219	56481.41433	56520.63672	505220.7	5410092.2
L5220.1	505220.7	5410093.4	18690.30078	432.09	0	48.843791	-86.928846	56478.93	56232.9	17.15	56496.08	56492.66797	56488.23668	56527.75391	505220.7	5410093.4
L5220.1	505220.7	5410094.6	18690.40039	432.76	0	48.843802	-86.928846	56480.59	56232.9	17.15	56497.74	56494.51172	56487.38923	56527.19531	505220.7	5410094.6
L5220.1	505220.7	5410094.6	18690.50000	432.60	0	48.843802	-86.928846	56482.41	56232.9	17.14	56499.55	56496.50391	56490.22502	56530.31250	505220.7	5410094.6
L5220.1	505220.6	5410095.9	18690.59961	433.12	0	48.843813	-86.928846	56484.22	56232.9	17.14	56501.36	56498.49609	56493.20008	56533.56641	505220.6	5410095.9
L5220.1	505220.6	5410097.2	18690.69922	431.83	0	48.843825	-86.928846	56486.00	56232.9	17.14	56503.15	56500.46484	56495.84431	56536.48047	505220.6	5410097.2
L5220.1	505220.6	5410098.8	18690.80078	432.41	0	48.843839	-86.928846	56487.82	56232.9	17.14	56504.96	56502.45313	56499.10623	56540.01172	505220.6	5410098.8
L5220.1	505220.6	5410099.9	18690.90039	432.68	0	48.843849	-86.928846	56489.58	56232.9	17.14	56506.72	56504.38672	56501.33323	56542.49609	505220.6	5410099.9
L5220.1	505220.6	5410101.1	18691.00000	435.47	0	48.843860	-86.928846	56491.41	56232.9	17.14	56508.55	56506.39453	56505.36534	56546.78516	505220.6	5410101.1
L5220.1	505220.6	5410101.1	18691.09961	437.57	0	48.843860	-86.928846	56493.23	56232.9	17.14	56510.37	56508.38672	56509.31328	56550.98047	505220.6	5410101.1
L5220.1	505220.6	5410103.1	18691.19922	430.59	0	48.843878	-86.928846	56495.16	56232.9	17.14	56512.30	56510.48828	56516.01688	56557.92578	505220.6	5410103.1
L5220.1	505220.6	5410104.4	18691.30078	430.94	0	48.843890	-86.928846	56496.81	56232.9	17.14	56513.94	56512.29688	56516.02002	56558.16406	505220.6	5410104.4
L5220.1	505220.6	5410104.4	18691.40039	438.81	0	48.843890	-86.928846	56498.84	56232.9	17.14	56515.98	56514.50391	56525.64052	56568.01563	505220.6	5410104.4
L5220.1	505220.6	5410105.9	18691.50000	441.57	0	48.843903	-86.928846	56500.27	56232.9	17.13	56517.40	56516.08984	56520.76161	56563.35938	505220.6	5410105.9
L5220.1	505220.6	5410106.8	18691.59961	443.65	0	48.843911	-86.928846	56502.23	56232.9	17.13	56519.37	56518.22266	56529.05101	56571.86719	505220.6	5410106.8
L5220.1	505220.6	5410106.8	18691.69922	445.57	0	48.843911	-86.928846	56503.79	56232.9	17.13	56520.93	56519.94531	56527.81053	56570.83594	505220.6	5410106.8
L5220.1	505220.6	5410108.8	18691.80078	445.00	0	48.843929	-86.928846	56505.63	56232.9	17.13	56522.76	56521.93359	56533.12126	56576.35156	505220.6	5410108.8
L5220.1	505220.6	5410109.8	18691.90039	446.60	0	48.843938	-86.928846	56507.39	56232.9	17.13	56524.53	56523.85938	56537.18179	56580.60938	505220.6	5410109.8
L5220.1	505220.6	5410111.4	18692.00000	448.25	0	48.843952	-86.928846	56509.11	56232.9	17.13	56526.24	56525.72656	56539.99383	56583.60938	505220.6	5410111.4
L5220.1	505220.6	5410111.4	18692.09961	445.83	0	48.843952	-86.928846	56510.89	56232.9	17.13	56528.02	56527.66016	56544.63298	56588.43359	505220.6	5410111.4
L5220.1	505220.6	5410113.0	18692.19922	446.96	0	48.843967	-86.928846	56512.46	56232.9	17.13	56529.60	56529.39063	56544.71642	56588.69141	505220.6	5410113.0
L5220.1	505220.6	5410114.3	18692.30078	445.62	0	48.843979	-86.928846	56514.18	56232.9	17.14	56531.32	56531.26172	56548.28526	56592.43359	505220.6	5410114.3
L5220.1	505220.6	5410115.6	18692.40039	443.89	0	48.843990	-86.928846	56515.64	56232.9	17.14	56532.78	56532.86719	56545.88258	56590.19141	505220.6	5410115.6
L5220.1	505220.6	5410115.6	18692.50000	443.70	0	48.843990	-86.928846	56517.50	56232.9	17.14	56534.64	56534.87109	56553.11607	56597.58203	505220.6	5410115.6
L5220.1	505220.6	5410116.9	18692.59961	441.46	0	48.844002	-86.928846	56519.11	56232.9	17.14	56536.25	56536.62500	56554.61723	56599.23047	505220.6	5410116.9
L5220.1	505220.7	5410118.5	18692.69922	433.67	0	48.844017	-86.928845	56520.94	56232.9	17.14	56538.08	56538.59375	56561.50092	56606.25391	505220.7	5410118.5
L5220.1	505220.7	5410118.5	18692.80078	433.00	0	48.844017	-86.928845	56522.52	56232.9	17.15	56539.67	56540.32422	56562.89123	56607.78125	505220.7	5410118.5
L5220.1	505220.7	5410119.8	18692.90039	433.37	0	48.844028	-86.928845	56524.21	56232.9	17.15	56541.36	56542.14844	56566.82894	56611.84375	505220.7	5410119.8
L5220.1	505220.7	5410121.2	18693.00000	435.56	0	48.844040	-86.928845	56525.84	56232.8	17.15	56542.99	56543.91406	56569.53185	56614.66797	505220.7	5410121.2
L5220.1	505220.7	5410122.8	18693.09961	435.00	0	48.844055	-86.928845	56527.32	56232.8	17.15	56544.47	56545.52344	56568.87288	56614.12109	505220.7	5410122.8
L5220.1	505220.7	5410124.2	18693.19922	435.06	0	48.844068	-86.928845	56529.00	56232.8	17.15	56546.16	56547.34375	56573.36558	56618.71875	505220.7	5410124.2
L5220.1	505220.7	5410124.2	18693.30078	434.81	0	48.844068	-86.928845	56530.64	56232.8	17.15	56547.80	56549.10938	56576.86299	56622.31641	505220.7	5410124.2
L5220.1	505220.7	5410125.5	18693.40039	433.33	0	48.844080	-86.928845	56532.18	56232.8	17.15	56549.33	56550.76172	56577.94727	56623.49219	505220.7	5410125.5
L5220.1	505220.7	5410125.5	18693.50000	433.76	0	48.844080	-86.928845	56533.81	56232.8	17.16	56550.96	56552.51172	56581.58496	56627.21094	505220.7	5410125.5
L5220.1	505220.7	5410127.1	18693.59961	432.04	0	48.844094	-86.928845	56535.46	56232.8	17.16	56552.61	56554.28125	56585.88520	56631.58594	505220.7	5410127.1
L5220.1	505220.7	5410128.2	18693.69922	432.51	0	48.844104	-86.928845	56537.08	56232.8	17.16	56554.24	56556.02734	56589.90293	56635.67578	505220.7	5410128.2
L5220.1	505220.7	5410129.7	18693.80078	430.79	0	48.844117	-86.928845	56538.81	56232.8	17.16	56555.96	56557.86328	56596.23995	56642.07422	505220.7	5410129.7
L5220.1	505220.7	5410131.5	18693.90039	432.37	0	48.844133	-86.928845	56540.14	56232.8	17.16	56557.30	56559.31250	56593.78336	56639.67188	505220.7	5410131.5
L5220.1	505220.7	5410131.5	18694.00000	432.77	0	48.844133	-86.928845	56541.77	56232.8	17.16	56558.93	56561.05078	56598.37657	56644.31250	505220.7	5410131.5
L5220.1	505220.7	5410132.8	18694.09961	433.20	0	48.844145	-86.928844	56542.96	56232.8	17.16	56560.12	56562.34766	56592.75864	56638.73047	505220.7	5410132.8
L5220.1	505220.7	5410134.2	18694.19922	431.12	0	48.844157	-86.928844	56544.83	56232.8	17.16	56561.99	56564.32031	56603.41354	56649.41797	505220.7	5410134.2
L5220.1	505220.7	5410135.4	18694.30078	431.56	0	48.844168	-86.928844	56545.88	56232.8	17.16	56563.04	56565.47266	56594.87290	56640.90234	505220.7	5410135.4
L5220.1	505220.7	5410135.4	18694.40039	433.41	0	48.844168	-86.928844	56547.54	56232.8	17.16	56564.70	56567.23047	56600.95083	56647.00000	505220.7	5410135.4
L5220.1	505220.7	5410136.9	18694.50000	433.35	0	48.844182	-86.928844	56549.09	56232.8	17.15	56566.24	56568.86719	56604.38619	56650.44531	505220.7	5410136.9
L5220.1	505220.8	5410138.4	18694.59961	434.77	0	48.844195	-86.928844	56550.68	56232.8	17.15	56567.83	56570.55078	56609.19914	56655.25781	505220.8	5410138.4
L5220.1	505220.8	5410140.0	18694.69922	438.27	0	48.844210	-86.928844	56552.41	56232.8	17.15	56569.56	56572.37109	56617.51811	56663.57422	505220.8	5410140.0
L5220.1	505220.8	5410140.0	18694.80078	440.20	0	48.844210	-86.928844	56553.79	56232.8	17.15	56570.95	56573.85156	56617.99331	56664.03906	505220.8	5410140.0
L5220.1	505220.8	5410141.4	18694.90039	438.48	0	48.844223	-86.928843	56555.34	56232.8	17.15	56572.49	56575.47656	56622.21141	56668.23828	505220.8	5410141.4
L5220.1	505220.8	5410142.8	18695.00000	436.93	0	48.844235	-86.928843	56556.47	56232.8	17.15	56573.62	56576.68750	56616.93086	56662.92969	505220.8	5410142.8
L5220.1	505220.8	5410142.8	18695.09961	435.98	0	48.844235	-86.928843	56558.10	56232.9	17.15	56575.25	56578.39844	56623.66950	56669.63672	505220.8	5410142.8
L5220.1	505220.8	5410144.3	18695.19922	433.08	0	48.844248	-86.928843	56559.48	56232.9	17.15	56576.63	56579.85547	56624.69294	56670.61719	505220.8	5410144.3
L5220.1	505220.8	5410145.9	18695.30078	426.65	0	48.844263	-86.928843	56560.98	56232.9	17.14	56578.12	56581.42188	56628.51367	56674.39453	505220.8	5410145.9
L5220.1	505220.8	5410147.0	18695.40039	427.05	0	48.844273	-86.928843	56562.01	56232.9	17.14	56579.15	56582.52344	56621.65344	56667.47656	505220.8	5410147.0
L5220.1	505220.8	5410147.0	18695.50000	430.69	0	48.844273	-86.928843	56563.62	56232.9	17.14	56580.76	56584.20703	56628.70386	56674.46875	505220.8	5410147.0
L5220.1	505220.8	5410148.4	18695.59961	428.01	0	48.844286	-86.928843	56564.76	56232.9	17.14	56581.90	56585.41406	56624.83653	56670.53125	505220.8	5410148.4
L5220.1	505220.8	5410150.3	18695.69922	430.13	0	48.844302	-86.928843	56566.37	56232.9	17.14	56583.51	56587.08984	56632.27833	56677.89844	505220.8	5410150.3
L5220.1	505220.8	5410151.7	18695.80078	431.43	0	48.844315	-86.928843	56567.52	56232.9	17.13	56584.65	56588.28906	56628.80179	56674.33984	505220.8	5410151.7
L5220.1	505220.8	5410151.7	18695.90039	431.85	0	48.844315	-86.928843	56569.00	56232.9	17.13	56586.13	56589.83203	56633.55973	56679.00781	505220.8	5410151.7
L5220.1	505220.8	5410153.5	18696.00000	429.39	0	48.844331	-86.928844	56570.05	56232.9	17.13	56587.18	56590.93750	56628.34436	56673.69531	505220.8	5410153.5
L5220.1	505220.8	5410153.5	18696.09961	429.65	0	48.844331	-86.928844	56571.50	56232.9	17.13	56588.63	56592.44141	56632.78127	56678.03125	505220.8	5410153.5
L5220.1	505220.8	5410154.9	18696.19922	430.13	0	48.844344	-86.928844	56572.88	56232.9	17.13	56590.01	56593.87500	56635.75633	56680.89453	505220.8	5410154.9
L5220.1	505220.7	5410156.9	18696.30078	431.66	0	48.844361	-86.928844	56574.31	56232.9	17.14	56591.45	56595.36719	56640.34288	56685.36719	505220.7	5410156.9
L5220.1	505220.7	5410157.9	18696.40039	430.89	0	48.844371	-86.928844	56575.43	56232.9	17.14	56592.57	56596.53516	56637.55479	56682.45703	505220.7	5410157.9
L5220.1	505220.7	5410157.9	18696.50000	429.99	0	48.844371	-86.928844	56576.73	56232.9	17.14	56593.87	56597.87891	56639.21427	56683.98828	505220.7	5410157.9
L5220.1	505220.7	5410159.7	18696.59961	423.33	0	48.844387	-86.928844	56578.06	56232.9	17.14	56595.20	56599.25000	56641.77360	56686.41016	505220.7	5410159.7
L5220.1	505220.7	5410159.7	18696.69922	421.78	0	48.844387	-86.928844	56579.24	56232.9	17.14	56596.38	56600.47266	56640.97566	56685.47266	505220.7	5410159.7
L5220.1	505220.7	5410161.5	18696.80078	428.01	0	48.844403	-86.928844	56580.48	56232.9	17.15	56597.62	56601.75000	56641.78513	56686.13281	505220.7	5410161.5
L5220.1	505220.7	5410162.8	18696.90039	428.24	0	48.844415	-86.928844	56581.61	56232.9	17.15	56598.76	56602.92578	56640.41769	56684.61328	505220.7	5410162.8
L5220.1	505220.7	5410162.8	18697.00000	428.61	0	48.844415	-86.928844	56583.04	56232.8	17.15	56600.19	56604.39063	56646.09415	56690.12891	505220.7	5410162.8
L5220.1	505220.7	5410164.4	18697.09961	428.90	0	48.844429	-86.928844	56584.21	56232.8	17.15	56601.36	56605.58984	56645.80816	56689.67578	505220.7	5410164.4
L5220.1	505220.7	5410165.8	18697.19922	431.19	0	48.844442	-86.928844	56585.64	56232.8	17.15	56602.79	56607.05078	56651.85438	56695.55078	505220.7	5410165.8
L5220.1	505220.7	5410167.1	18697.30078	432.40	0	48.844454	-86.928844	56586.68	56232.8	17.15	56603.83	56608.11719	56648.86172	56692.38281	505220.7	5410167.1
L5220.1	505220.7	5410167.1	18697.40039	433.78	0	48.844454	-86.928844	56588.04	56232.8	17.15	56605.19	56609.50000	56653.61748	56696.95313	505220.7	5410167.1

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5220.1	505220.7	5410169.0	18697.50000	434.27	0	48.844471	-86.928844	56589.06	56232.8	17.15	56606.21	56610.54297	56650.51397	56693.66016	505220.7	5410169.0
L5220.1	505220.7	5410170.4	18697.59961	436.86	0	48.844484	-86.928844	56590.28	56232.8	17.15	56607.43	56611.78125	56652.31855	56695.26953	505220.7	5410170.4
L5220.1	505220.7	5410171.6	18697.69922	436.63	0	48.844494	-86.928844	56591.22	56232.8	17.15	56608.37	56612.73828	56647.67971	56690.42969	505220.7	5410171.6
L5220.1	505220.7	5410171.6	18697.80078	435.22	0	48.844494	-86.928844	56592.33	56232.8	17.15	56609.48	56613.86328	56647.23654	56689.78125	505220.7	5410171.6
L5220.1	505220.7	5410173.0	18697.90039	433.51	0	48.844507	-86.928844	56593.60	56232.8	17.15	56610.75	56615.14844	56650.75100	56693.08594	505220.7	5410173.0
L5220.1	505220.7	5410175.2	18698.00000	432.97	0	48.844527	-86.928845	56594.98	56232.8	17.15	56612.13	56616.53906	56657.03912	56699.15625	505220.7	5410175.2
L5220.1	505220.7	5410176.4	18698.09961	435.15	0	48.844537	-86.928845	56595.85	56232.9	17.15	56613.00	56617.41797	56651.43874	56693.33594	505220.7	5410176.4
L5220.1	505220.7	5410176.4	18698.19922	434.43	0	48.844537	-86.928845	56597.02	56232.9	17.15	56614.17	56618.59766	56653.10127	56694.77344	505220.7	5410176.4
L5220.1	505220.7	5410178.4	18698.30078	442.44	0	48.844555	-86.928845	56598.20	56232.9	17.14	56615.34	56619.76953	56654.93114	56696.37109	505220.7	5410178.4
L5220.1	505220.7	5410180.1	18698.40039	440.14	0	48.844571	-86.928845	56599.39	56232.9	17.14	56616.53	56620.96484	56657.39939	56698.60156	505220.7	5410180.1
L5220.1	505220.7	5410180.1	18698.50000	434.61	0	48.844571	-86.928845	56600.41	56232.9	17.14	56617.55	56621.98438	56656.01140	56696.97266	505220.7	5410180.1
L5220.1	505220.7	5410181.1	18698.59961	435.14	0	48.844579	-86.928845	56601.33	56232.9	17.14	56618.47	56622.90625	56652.42043	56693.13672	505220.7	5410181.1
L5220.1	505220.7	5410181.1	18698.69922	434.44	0	48.844579	-86.928845	56602.52	56232.9	17.14	56619.65	56624.08203	56655.13701	56695.60156	505220.7	5410181.1
L5220.1	505220.6	5410183.1	18698.80078	433.44	0	48.844598	-86.928845	56603.65	56232.9	17.13	56620.78	56625.20703	56656.82887	56697.03906	505220.6	5410183.1
L5220.1	505220.6	5410184.6	18698.90039	431.23	0	48.844611	-86.928845	56604.94	56232.9	17.13	56622.07	56626.49219	56662.45958	56702.41016	505220.6	5410184.6
L5220.1	505220.6	5410186.0	18699.00000	432.36	0	48.844624	-86.928845	56606.00	56232.9	17.13	56623.13	56627.54297	56662.80512	56702.49219	505220.6	5410186.0
L5220.1	505220.6	5410187.5	18699.09961	432.78	0	48.844637	-86.928845	56607.18	56232.9	17.13	56624.31	56628.71484	56666.13942	56705.55859	505220.6	5410187.5
L5220.1	505220.6	5410187.5	18699.19922	432.19	0	48.844637	-86.928845	56608.00	56232.9	17.13	56625.13	56629.52344	56661.11025	56700.25391	505220.6	5410187.5
L5220.1	505220.6	5410189.2	18699.30078	428.42	0	48.844653	-86.928845	56609.04	56232.9	17.13	56626.17	56630.55078	56661.43004	56700.30078	505220.6	5410189.2
L5220.1	505220.6	5410190.7	18699.40039	428.52	0	48.844665	-86.928845	56609.88	56232.9	17.13	56627.01	56631.37500	56657.16526	56695.75391	505220.6	5410190.7
L5220.1	505220.6	5410191.9	18699.50000	434.24	0	48.844677	-86.928845	56611.08	56232.9	17.13	56628.21	56632.56250	56661.55537	56699.85938	505220.6	5410191.9
L5220.1	505220.6	5410191.9	18699.59961	435.16	0	48.844677	-86.928845	56611.98	56232.9	17.14	56629.11	56633.44141	56658.99178	56697.00781	505220.6	5410191.9
L5220.1	505220.6	5410193.1	18699.69922	433.24	0	48.844688	-86.928845	56613.43	56232.9	17.14	56630.57	56634.88281	56669.80766	56707.53516	505220.6	5410193.1
L5220.1	505220.6	5410194.8	18699.80078	432.32	0	48.844703	-86.928845	56614.17	56232.9	17.14	56631.31	56635.60156	56663.73393	56701.16406	505220.6	5410194.8
L5220.1	505220.6	5410194.8	18699.90039	432.56	0	48.844703	-86.928845	56615.36	56232.9	17.14	56632.50	56636.76953	56668.43396	56705.56641	505220.6	5410194.8
L5220.1	505220.6	5410195.9	18700.00000	432.57	0	48.844713	-86.928845	56616.12	56232.9	17.14	56633.26	56637.50781	56663.09700	56699.92969	505220.6	5410195.9
L5220.1	505220.6	5410197.5	18700.09961	436.69	0	48.844727	-86.928845	56617.28	56232.9	17.14	56634.42	56638.64453	56667.34678	56703.87500	505220.6	5410197.5
L5220.1	505220.6	5410199.1	18700.19922	435.15	0	48.844742	-86.928845	56618.11	56232.9	17.14	56635.25	56639.44531	56663.91943	56700.14063	505220.6	5410199.1
L5220.1	505220.6	5410199.1	18700.30078	433.12	0	48.844742	-86.928845	56619.14	56232.9	17.14	56636.28	56640.44922	56665.34490	56701.25391	505220.6	5410199.1
L5220.1	505220.6	5410201.1	18700.40039	430.52	0	48.844759	-86.928845	56620.17	56232.9	17.14	56637.31	56641.44922	56666.89161	56702.48828	505220.6	5410201.1
L5220.1	505220.6	5410202.3	18700.50000	429.09	0	48.844770	-86.928845	56621.06	56232.9	17.14	56638.20	56642.31250	56665.24677	56700.52734	505220.6	5410202.3
L5220.1	505220.6	5410203.8	18700.59961	428.22	0	48.844783	-86.928845	56621.97	56232.9	17.14	56639.11	56643.19141	56664.19133	56699.15234	505220.6	5410203.8
L5220.1	505220.6	5410203.8	18700.69922	427.60	0	48.844783	-86.928845	56623.16	56232.9	17.14	56640.30	56644.34766	56669.87084	56704.51172	505220.6	5410203.8
L5220.1	505220.6	5410205.2	18700.80078	429.51	0	48.844796	-86.928845	56624.20	56232.9	17.14	56641.34	56645.35547	56672.11521	56706.43359	505220.6	5410205.2
L5220.1	505220.6	5410205.2	18700.90039	432.24	0	48.844796	-86.928845	56625.17	56232.9	17.14	56642.31	56646.28906	56672.81372	56706.80859	505220.6	5410205.2
L5220.1	505220.6	5410207.4	18701.00000	432.68	0	48.844816	-86.928845	56626.29	56232.9	17.14	56643.43	56647.37500	56677.16613	56710.83203	505220.6	5410207.4
L5220.1	505220.6	5410208.9	18701.09961	431.54	0	48.844830	-86.928845	56627.04	56232.9	17.14	56644.18	56648.08984	56672.87422	56706.21094	505220.6	5410208.9
L5220.1	505220.6	5410208.9	18701.19922	430.13	0	48.844830	-86.928845	56627.77	56232.9	17.14	56644.91	56648.78125	56668.21172	56701.21484	505220.6	5410208.9
L5220.1	505220.6	5410210.5	18701.30078	431.73	0	48.844844	-86.928845	56628.66	56232.9	17.14	56645.80	56649.63281	56667.43258	56700.10547	505220.6	5410210.5
L5220.1	505220.6	5410210.5	18701.40039	431.73	0	48.844844	-86.928845	56629.64	56232.9	17.14	56646.78	56650.57422	56668.87931	56701.21484	505220.6	5410210.5
L5220.1	505220.6	5410212.1	18701.50000	430.28	0	48.844859	-86.928845	56630.66	56232.9	17.14	56647.80	56651.55469	56671.36731	56703.36719	505220.6	5410212.1
L5220.1	505220.6	5410212.1	18701.59961	431.29	0	48.844859	-86.928845	56631.52	56232.9	17.14	56648.66	56652.37500	56670.16517	56701.82813	505220.6	5410212.1
L5220.1	505220.6	5410214.2	18701.69922	430.57	0	48.844877	-86.928844	56632.75	56232.9	17.14	56649.89	56653.56250	56677.80297	56709.12500	505220.6	5410214.2
L5220.1	505220.6	5410214.2	18701.80078	433.05	0	48.844877	-86.928844	56633.46	56232.9	17.14	56650.60	56654.23047	56673.23366	56704.21875	505220.6	5410214.2
L5220.1	505220.6	5410215.9	18701.90039	432.80	0	48.844892	-86.928844	56634.64	56232.9	17.14	56651.78	56655.36719	56679.86452	56710.50781	505220.6	5410215.9
L5220.1	505220.7	5410217.6	18702.00000	433.56	0	48.844908	-86.928844	56635.33	56232.9	17.14	56652.47	56656.01563	56674.99331	56705.29297	505220.7	5410217.6
L5220.1	505220.7	5410217.6	18702.09961	434.10	0	48.844908	-86.928844	56636.34	56232.9	17.14	56653.48	56656.98047	56677.77110	56707.73047	505220.7	5410217.6
L5220.1	505220.7	5410217.6	18702.19922	433.20	0	48.844908	-86.928844	56637.21	56232.9	17.14	56654.35	56657.80469	56677.31871	56706.93359	505220.7	5410217.6
L5220.1	505220.7	5410220.3	18702.30078	432.02	0	48.844932	-86.928844	56638.21	56232.9	17.14	56655.35	56658.76172	56680.01845	56709.28906	505220.7	5410220.3
L5220.1	505220.7	5410220.3	18702.40039	430.66	0	48.844932	-86.928844	56638.92	56232.9	17.14	56656.05	56659.41406	56675.70059	56704.62891	505220.7	5410220.3
L5220.1	505220.7	5410223.1	18702.50000	424.01	0	48.844957	-86.928843	56639.98	56232.9	17.14	56657.11	56660.42969	56679.96944	56708.55078	505220.7	5410223.1
L5220.1	505220.7	5410223.1	18702.59961	425.47	0	48.844957	-86.928843	56640.81	56232.9	17.13	56657.94	56661.21094	56678.87198	56707.10938	505220.7	5410223.1
L5220.1	505220.7	5410225.3	18702.69922	434.20	0	48.844977	-86.928843	56641.61	56232.9	17.13	56658.74	56661.96484	56677.13547	56705.02734	505220.7	5410225.3
L5220.1	505220.7	5410225.3	18702.80078	435.95	0	48.844977	-86.928843	56642.65	56232.9	17.13	56659.78	56662.95703	56681.14246	56708.69141	505220.7	5410225.3
L5220.1	505220.7	5410225.3	18702.90039	436.00	0	48.844977	-86.928843	56643.29	56232.9	17.13	56660.42	56663.55078	56675.75775	56702.96094	505220.7	5410225.3
L5220.1	505220.7	5410225.3	18703.00000	435.96	0	48.844977	-86.928843	56644.32	56232.9	17.13	56661.45	56664.53125	56679.65983	56706.51953	505220.7	5410225.3
L5220.1	505220.8	5410229.9	18703.09961	432.77	0	48.845019	-86.928843	56645.07	56232.9	17.13	56662.20	56665.23438	56677.00421	56703.51953	505220.8	5410229.9
L5220.1	505220.8	5410229.9	18703.19922	432.99	0	48.845019	-86.928843	56646.36	56232.9	17.13	56663.49	56666.47266	56687.17885	56713.35156	505220.8	5410229.9
L5220.1	505220.8	5410229.9	18703.30078	433.04	0	48.845019	-86.928843	56646.98	56232.9	17.13	56664.11	56667.04688	56681.57056	56707.40234	505220.8	5410229.9
L5220.1	505220.8	5410233.1	18703.40039	431.65	0	48.845047	-86.928843	56648.02	56232.9	17.13	56665.15	56668.03516	56685.95181	56711.44141	505220.8	5410233.1
L5220.1	505220.8	5410233.1	18703.50000	433.62	0	48.845047	-86.928843	56648.90	56232.9	17.13	56666.04	56668.87891	56686.84288	56711.99219	505220.8	5410233.1
L5220.1	505220.8	5410233.1	18703.59961	433.50	0	48.845047	-86.928843	56649.82	56232.9	17.14	56666.95	56669.73828	56688.26210	56713.07031	505220.8	5410233.1
L5220.1	505220.8	5410236.0	18703.69922	436.02	0	48.845073	-86.928842	56650.72	56232.9	17.14	56667.86	56670.59766	56689.73512	56714.20703	505220.8	5410236.0
L5220.1	505220.8	5410237.4	18703.80078	441.66	0	48.845086	-86.928842	56651.51	56232.9	17.14	56668.65	56671.33984	56688.42305	56712.55859	505220.8	5410237.4
L5220.1	505220.8	5410237.4	18703.90039	439.91	0	48.845086	-86.928842	56652.49	56232.9	17.14	56669.63	56672.26953	56691.65480	56715.45313	505220.8	5410237.4
L5220.1	505220.8	5410240.0	18704.00000	434.11	0	48.845109	-86.928842	56653.14	56232.9	17.14	56670.28	56672.87109	56687.13324	56710.59766	505220.8	5410240.0
L5220.1	505220.8	5410240.0	18704.09961	428.99	0	48.845109	-86.928842	56654.03	56232.9	17.14	56671.17	56673.71094	56688.33533	56711.46875	505220.8	5410240.0
L5220.1	505220.8	5410242.1	18704.19922	435.03	0	48.845129	-86.928842	56654.82	56232.9	17.14	56671.96	56674.44922	56687.22032	56710.02344	505220.8	5410242.1
L5220.1	505220.8	5410242.1	18704.30078	431.47	0	48.845129	-86.928842	56655.74	56232.9	17.14	56672.88	56675.32031	56689.22570	56711.70313	505220.8	5410242.1
L5220.1	505220.8	5410244.3	18704.40039	429.43	0	48.845148	-86.928842	56656.59	56232.9	17.14	56673.73	56676.12109	56689.62127	56711.76953	505220.8	5410244.3
L5220.1	505220.8	5410244.3	18704.50000	429.17	0	48.845148	-86.928842	56657.61	56232.9	17.14	56674.74	56677.08203	56693.84464	56715.67188	505220.8	5410244.3
L5220.1	505220.8	5410244.3	18704.59961	424.87	0	48.845148	-86.928842	56658.39	56232.9	17.13	56675.53	56677.82422	56692.90948	56714.41406	505220.8	5410244.3
L5220.1	505220.8	5410247.6	18704.69922	429.65	0	48.845178	-86.928842	56659.35	56232.9	17.13	56676.48	56678.72266	56695.80044	56716.98438	505220.8	5410247.6
L5220.1	505220.8	5410247.6	18704.80078	429.28	0	48.845178	-86.928842	56659.98	56232.9	17.13	56677.11	56679.30469	56691.16674	56712.03516	505220.8	5410247.6
L5220.1	505220.8	5410247.6	18704.90039	425.12	0	48.845178	-86.928842	56661.06	56232.9	17.13	56678.19	56680.33594	56697.21507	56717.76953	505220.8	5410247.6
L5220.1	505220.8	5410250.8	18705.00000	431.36	0	48.845206	-86.928842	56661.99	56232.9	17.13	56679.12	56681.21484	56699.75731	56720.00000	505220.8	5410250.8
L5220.1	505220.8	5410250.8	18705.09961	431.44	0	48.845206	-86.928842	56663.32	56232.9	17.13	56680.45	56682.50000	56711.79820	56731.73047	505220.8	5410250.8
L5220.1	505220.8	5410253.9	18705.19922	433.94	0	48.845235	-86.928841	56664.08	56232.9	17.13	56681.21	56683.21094	56710.40078	56730.02734	505220.8	5410253.9
L5220.1	505220.8	5410253.9	18705.30078	438.10	0	48.845235	-86.928841	56664.63	56232.9	17.13	56681.76	56683.71094	56704.07726	56723.40234	505220.8	5410253.9
L5220.1	505220.8	5410255.5	18705.40039	438.11	0	48.845249	-86.928841	56665.41	56232.9	17.13	56682.54	56684.44141	56703.23158	56722.25781	505220.8	5410255.5
L5220.1	505220.8	5410255.5	18705.50000	439.65	0	48.845249	-86.928841	56666.28	56232.9	17.13	56683.41	56685.26563	56704.55317	56723.28516	505220.8	5410255.5
L5220.1	505220.8	5410257.9	18705.59961	442.61	0	48.845270	-86.928841	56667.23	56232.9	17.13	56684.36	56686.16797	56707.80549	56726.24609	505220.8	5410257.9
L5220.1	505220.8	5410257.9	18705.69922	443.17	0	48.845270	-86.928841	56668.09	56232.9	17.13	56685.22	56686.98047	56708.96878	56727.11719	505220.8	5410257.9
L5220.1	505220.8	5410257.9	18705.80078	443.40	0	48.845270	-86.928841	56668.96	56232.9	17.13	56686.09	56687.80469	56710.40775	56728.27344	505220.8	5410257.9
L5220.1	505220.8	5410261.4	18705.90039	446.14	0	48.845302	-86.928841	56669.75	56232.9	17.13	56686.88	56688.54688	56709.99452	56727.57813	505220.8	5410261.4
L5220.1	505220.8	5410261.4	18706.00000	444.31	0	48.845302	-86.928841	56670.78	56232.9	17.13	56687.91	56689.53125	56715.29612	56732.60156	505220.8	5410261.4
L5220.1	505220.8	5410263.9	18706.09961	445.72	0	48.845324	-86.928841	56671.72	56232.9	17.13	56688.85	56690.42188	56718.50985	56735.54297	505220.8	5410263.9
L5220.1	505220.8	5410263.9	18706.19922	446.08	0	48.845324	-86.928841	56672.58	56232.9	17.13	56689.71	56691.23828	56719.87273	56736.63672	505220.8	5410263.9
L5220.1	505220.8	5410263.9	18706.30078	445.08	0	48.845324	-86.928841	56673.48	56232.9	17.14	56690.62	56692.10156	56722.45941	56738.95703	505220.8	5410263.9
L5220.1	505220.8	5410267.5	18706.40039	445.29	0	48.845357	-86.928841	56674.17	56232.9	17.14	56691.31	56692.74609	56719.88629	56736.12500	505220.8	5410267.5
L5220.1	505220.8	5410267.5	18706.50000	444.76	0	48.845357	-86.928841	56675.20	56232.9	17.14	56692.33	56693.71875	56725.15956	56741.14063	505220.8	5410267.5
L5220.1	505220.8	5410270.2	18706.59961	446.42	0	48.845381	-86.928841	56676.16	56232.9	17.14	56693.30	56694.64453	56729.29482	56745.02344	505220.8	5410270.2
L5220.1	505220.8	5410270.9	18706.69922	447.51	0	48.845388	-86.928841	56677.11	56232.9	17.14	56694.25	56695.55078	56733.00263	56748.48438	505220.8	5410270.9

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5220.1	505220.8	5410270.9	18706.80078	446.39	0	48.845388	-86.928841	56677.79	56232.9	17.15	56694.94	56696.19531	56730.60929	56745.84766	505220.8	5410270.9
L5220.1	505220.9	5410274.0	18706.90039	444.60	0	48.845415	-86.928841	56678.38	56232.9	17.15	56695.53	56696.74219	56725.89960	56740.89844	505220.9	5410274.0
L5220.1	505220.9	5410274.0	18707.00000	445.13	0	48.845415	-86.928841	56679.37	56232.8	17.15	56696.52	56697.68750	56730.69813	56745.46484	505220.9	5410274.0
L5220.1	505220.9	5410275.7	18707.09961	433.29	0	48.845430	-86.928841	56680.32	56232.8	17.15	56697.47	56698.59375	56734.60240	56749.14063	505220.9	5410275.7
L5220.1	505220.9	5410275.7	18707.19922	436.46	0	48.845430	-86.928841	56681.34	56232.8	17.15	56698.50	56699.58203	56740.45183	56754.76563	505220.9	5410275.7
L5220.1	505220.9	5410278.2	18707.30078	447.71	0	48.845453	-86.928840	56682.08	56232.8	17.16	56699.23	56700.26563	56739.26302	56753.35938	505220.9	5410278.2
L5220.1	505220.9	5410278.2	18707.40039	436.10	0	48.845453	-86.928840	56683.00	56232.8	17.16	56700.15	56701.14453	56742.62467	56756.50781	505220.9	5410278.2
L5220.1	505220.9	5410278.2	18707.50000	435.79	0	48.845453	-86.928840	56683.64	56232.8	17.16	56700.80	56701.75000	56739.66202	56753.33984	505220.9	5410278.2
L5220.1	505220.9	5410281.3	18707.59961	445.22	0	48.845481	-86.928840	56684.69	56232.8	17.16	56701.85	56702.75781	56746.22037	56759.69531	505220.9	5410281.3
L5220.1	505220.9	5410281.3	18707.69922	445.04	0	48.845481	-86.928840	56685.32	56232.8	17.16	56702.48	56703.34375	56742.91276	56756.19141	505220.9	5410281.3
L5220.1	505220.9	5410283.6	18707.80078	442.34	0	48.845502	-86.928840	56686.29	56232.8	17.17	56703.46	56704.28125	56747.94941	56761.03516	505220.9	5410283.6
L5220.1	505220.9	5410283.6	18707.90039	441.52	0	48.845502	-86.928840	56687.00	56232.8	17.17	56704.16	56704.94141	56746.43643	56759.33594	505220.9	5410283.6
L5220.1	505220.9	5410286.4	18708.00000	432.01	0	48.845526	-86.928840	56687.88	56232.8	17.17	56705.05	56705.78906	56749.49062	56762.21094	505220.9	5410286.4
L5220.1	505220.9	5410286.4	18708.09961	432.62	0	48.845526	-86.928840	56688.41	56232.8	17.17	56705.58	56706.27734	56744.11011	56756.65625	505220.9	5410286.4
L5220.1	505220.9	5410288.3	18708.19922	431.33	0	48.845544	-86.928840	56689.43	56232.8	17.17	56706.60	56707.25391	56750.39750	56762.77734	505220.9	5410288.3
L5220.1	505220.9	5410289.3	18708.30078	431.82	0	48.845553	-86.928840	56690.39	56232.8	17.17	56707.56	56708.17188	56755.35129	56767.56641	505220.9	5410289.3
L5220.1	505220.9	5410290.6	18708.40039	430.57	0	48.845565	-86.928840	56691.39	56232.8	17.17	56708.56	56709.12891	56761.34001	56773.39844	505220.9	5410290.6
L5220.1	505220.9	5410290.6	18708.50000	431.07	0	48.845565	-86.928840	56692.01	56232.8	17.17	56709.18	56709.70703	56758.43651	56770.34375	505220.9	5410290.6
L5220.1	505220.9	5410290.6	18708.59961	430.45	0	48.845565	-86.928840	56692.42	56232.8	17.17	56709.59	56710.07422	56750.66489	56762.42969	505220.9	5410290.6
L5220.1	505220.9	5410294.0	18708.69922	430.47	0	48.845596	-86.928839	56693.33	56232.8	17.17	56710.50	56710.94531	56754.81825	56766.44141	505220.9	5410294.0
L5220.1	505220.9	5410294.0	18708.80078	431.42	0	48.845596	-86.928839	56694.18	56232.8	17.17	56711.35	56711.75391	56757.65958	56769.15234	505220.9	5410294.0
L5220.1	505220.9	5410296.8	18708.90039	433.34	0	48.845621	-86.928839	56695.15	56232.8	17.17	56712.32	56712.67969	56763.44999	56774.81641	505220.9	5410296.8
L5220.1	505220.9	5410296.8	18709.00000	432.79	0	48.845621	-86.928839	56695.84	56232.8	17.17	56713.01	56713.32813	56762.73621	56773.98047	505220.9	5410296.8
L5220.1	505221.0	5410298.6	18709.09961	424.33	0	48.845636	-86.928839	56696.55	56232.8	17.17	56713.72	56713.99609	56762.61724	56773.75000	505221.0	5410298.6
L5220.1	505221.0	5410298.6	18709.19922	425.19	0	48.845636	-86.928839	56697.16	56232.8	17.17	56714.33	56714.56250	56760.26102	56771.28516	505221.0	5410298.6
L5220.1	505221.0	5410300.7	18709.30078	433.25	0	48.845655	-86.928839	56697.98	56232.8	17.17	56715.15	56715.33984	56763.00340	56773.92578	505221.0	5410300.7
L5220.1	505221.0	5410300.7	18709.40039	434.42	0	48.845655	-86.928839	56698.92	56232.8	17.17	56716.09	56716.23828	56768.72205	56779.55078	505221.0	5410300.7
L5220.1	505221.0	5410300.7	18709.50000	432.42	0	48.845655	-86.928839	56699.49	56232.8	17.18	56716.67	56716.77734	56766.07293	56776.81250	505221.0	5410300.7
L5220.1	505221.0	5410304.6	18709.59961	428.49	0	48.845690	-86.928838	56700.31	56232.8	17.18	56717.48	56717.54297	56769.01328	56779.67188	505221.0	5410304.6
L5220.1	505221.0	5410304.6	18709.69922	426.91	0	48.845690	-86.928838	56700.75	56232.8	17.18	56717.93	56717.94922	56763.59836	56774.17969	505221.0	5410304.6
L5220.1	505221.0	5410306.2	18709.80078	434.17	0	48.845705	-86.928838	56701.56	56232.8	17.18	56718.74	56718.71484	56766.85972	56777.37109	505221.0	5410306.2
L5220.1	505221.0	5410306.2	18709.90039	433.38	0	48.845705	-86.928838	56702.08	56232.8	17.18	56719.26	56719.19141	56763.43420	56773.88281	505221.0	5410306.2
L5220.1	505221.0	5410306.2	18710.00000	433.29	0	48.845705	-86.928838	56703.01	56232.8	17.18	56720.19	56720.07813	56769.88076	56780.27344	505221.0	5410306.2
L5220.1	505221.0	5410309.9	18710.09961	434.28	0	48.845738	-86.928838	56703.75	56232.8	17.18	56720.93	56720.76953	56772.01886	56782.36328	505221.0	5410309.9
L5220.1	505221.0	5410309.9	18710.19922	435.80	0	48.845738	-86.928838	56704.36	56232.8	17.18	56721.54	56721.33594	56771.27439	56781.57422	505221.0	5410309.9
L5220.1	505221.0	5410312.4	18710.30078	434.10	0	48.845760	-86.928838	56704.84	56232.8	17.18	56722.02	56721.76953	56767.65461	56777.91797	505221.0	5410312.4
L5220.1	505221.0	5410312.4	18710.40039	434.20	0	48.845760	-86.928838	56705.61	56232.8	17.18	56722.78	56722.48438	56770.86177	56781.09375	505221.0	5410312.4
L5220.1	505221.0	5410314.0	18710.50000	434.70	0	48.845775	-86.928838	56706.45	56232.8	17.17	56723.63	56723.28516	56776.41068	56786.61719	505221.0	5410314.0
L5220.1	505221.0	5410314.0	18710.59961	436.22	0	48.845775	-86.928838	56706.96	56232.8	17.17	56724.14	56723.75000	56774.14125	56784.33203	505221.0	5410314.0
L5220.1	505221.0	5410316.5	18710.69922	435.91	0	48.845798	-86.928838	56707.62	56232.8	17.17	56724.79	56724.35156	56775.41130	56785.58984	505221.0	5410316.5
L5220.1	505221.0	5410316.5	18710.80078	435.07	0	48.845798	-86.928838	56708.18	56232.8	17.17	56725.36	56724.87109	56775.02657	56785.19922	505221.0	5410316.5
L5220.1	505221.1	5410319.8	18710.90039	433.60	0	48.845827	-86.928837	56708.68	56232.8	17.17	56725.85	56725.31250	56772.99502	56783.16797	505221.1	5410319.8
L5220.1	505221.1	5410319.8	18711.00000	433.82	0	48.845827	-86.928837	56709.49	56232.8	17.17	56726.66	56726.07031	56778.78304	56788.96094	505221.1	5410319.8
L5220.1	505221.1	5410319.8	18711.09961	433.61	0	48.845827	-86.928837	56709.95	56232.8	17.17	56727.12	56726.48047	56776.55595	56786.75000	505221.1	5410319.8
L5220.1	505221.1	5410322.2	18711.19922	431.14	0	48.845849	-86.928837	56710.35	56232.8	17.17	56727.52	56726.82813	56773.17923	56783.39063	505221.1	5410322.2
L5220.1	505221.1	5410322.2	18711.30078	427.77	0	48.845849	-86.928837	56710.95	56232.8	17.17	56728.13	56727.38672	56775.04543	56785.28516	505221.1	5410322.2
L5220.1	505221.1	5410325.6	18711.40039	427.15	0	48.845880	-86.928837	56711.64	56232.8	17.17	56728.81	56728.01172	56778.85234	56789.12109	505221.1	5410325.6
L5220.1	505221.1	5410325.6	18711.50000	427.62	0	48.845880	-86.928837	56712.22	56232.8	17.18	56729.40	56728.54688	56780.82484	56791.12891	505221.1	5410325.6
L5220.1	505221.1	5410327.3	18711.59961	425.77	0	48.845895	-86.928837	56712.72	56232.8	17.18	56729.90	56728.99219	56780.97114	56791.32031	505221.1	5410327.3
L5220.1	505221.1	5410327.3	18711.69922	427.37	0	48.845895	-86.928837	56713.07	56232.8	17.18	56730.24	56729.27344	56777.64423	56788.04297	505221.1	5410327.3
L5220.1	505221.1	5410330.3	18711.80078	429.10	0	48.845922	-86.928837	56713.59	56232.8	17.18	56730.77	56729.74609	56779.12833	56789.58203	505221.1	5410330.3
L5220.1	505221.1	5410330.3	18711.90039	428.52	0	48.845922	-86.928837	56714.29	56232.8	17.18	56731.46	56730.37891	56784.72218	56795.23438	505221.1	5410330.3
L5220.1	505221.1	5410330.3	18712.00000	428.51	0	48.845922	-86.928837	56714.75	56232.8	17.18	56731.93	56730.78906	56785.44838	56796.02344	505221.1	5410330.3
L5220.1	505221.1	5410330.3	18712.09961	430.81	0	48.845922	-86.928837	56715.14	56232.8	17.18	56732.32	56731.11719	56784.62532	56795.27344	505221.1	5410330.3
L5220.1	505221.1	5410334.5	18712.19922	432.01	0	48.845960	-86.928837	56715.52	56232.8	17.18	56732.70	56731.43359	56783.91607	56794.64063	505221.1	5410334.5
L5220.1	505221.1	5410334.5	18712.30078	431.20	0	48.845960	-86.928837	56716.22	56232.8	17.18	56733.40	56732.07031	56791.13151	56801.93750	505221.1	5410334.5
L5220.1	505221.1	5410337.2	18712.40039	429.15	0	48.845983	-86.928837	56716.73	56232.8	17.18	56733.92	56732.52344	56794.45630	56805.34375	505221.1	5410337.2
L5220.1	505221.1	5410337.2	18712.50000	429.59	0	48.845983	-86.928837	56717.20	56232.8	17.19	56734.38	56732.91797	56796.73537	56807.71484	505221.1	5410337.2
L5220.1	505221.1	5410339.8	18712.59961	431.00	0	48.846007	-86.928837	56717.38	56232.8	17.19	56734.56	56733.03125	56792.77389	56803.84766	505221.1	5410339.8
L5220.1	505221.1	5410339.8	18712.69922	431.77	0	48.846007	-86.928837	56717.91	56232.8	17.19	56735.10	56733.50000	56797.71232	56808.88672	505221.1	5410339.8
L5220.1	505221.1	5410339.8	18712.80078	432.82	0	48.846007	-86.928837	56718.40	56232.8	17.19	56735.59	56733.91797	56801.86268	56813.14063	505221.1	5410339.8
L5220.1	505221.1	5410339.8	18712.90039	432.60	0	48.846007	-86.928837	56718.75	56232.8	17.19	56735.94	56734.19922	56803.10345	56814.48828	505221.1	5410339.8
L5220.1	505221.1	5410343.9	18713.00000	433.11	0	48.846044	-86.928837	56718.94	56232.8	17.19	56736.13	56734.31250	56800.96807	56812.46484	505221.1	5410343.9
L5220.1	505221.1	5410343.9	18713.09961	434.93	0	48.846044	-86.928837	56719.48	56232.8	17.19	56736.67	56734.77734	56807.52204	56819.13672	505221.1	5410343.9
L5220.1	505221.1	5410343.9	18713.19922	434.15	0	48.846044	-86.928837	56719.95	56232.8	17.19	56737.14	56735.17188	56812.83987	56824.57422	505221.1	5410343.9
L5220.1	505221.1	5410346.6	18713.30078	433.85	0	48.846069	-86.928837	56719.98	56232.8	17.19	56737.17	56735.12109	56808.17802	56820.03516	505221.1	5410346.6
L5220.1	505221.1	5410348.9	18713.40039	435.74	0	48.846089	-86.928837	56720.18	56232.8	17.19	56737.38	56735.25000	56808.20210	56820.18359	505221.1	5410348.9
L5220.1	505221.1	5410350.1	18713.50000	434.54	0	48.846100	-86.928837	56720.62	56232.8	17.19	56737.82	56735.60938	56814.09918	56826.20703	505221.1	5410350.1
L5220.1	505221.1	5410350.1	18713.59961	435.09	0	48.846100	-86.928837	56720.72	56232.8	17.20	56737.91	56735.61328	56812.15902	56824.39844	505221.1	5410350.1
L5220.1	505221.1	5410351.9	18713.69922	434.40	0	48.846116	-86.928837	56721.00	56232.8	17.20	56738.20	56735.81641	56815.39086	56827.76563	505221.1	5410351.9
L5220.1	505221.1	5410351.9	18713.80078	435.10	0	48.846116	-86.928837	56721.23	56232.8	17.20	56738.43	56735.96094	56817.65036	56830.16406	505221.1	5410351.9
L5220.1	505221.1	5410354.3	18713.90039	433.32	0	48.846137	-86.928837	56721.53	56232.8	17.20	56738.73	56736.17188	56822.01462	56834.66406	505221.1	5410354.3
L5220.1	505221.1	5410354.3	18714.00000	431.87	0	48.846137	-86.928837	56721.96	56232.8	17.20	56739.16	56736.50781	56829.90507	56842.69531	505221.1	5410354.3
L5220.1	505221.1	5410354.3	18714.09961	431.33	0	48.846137	-86.928837	56721.95	56232.8	17.20	56739.15	56736.40625	56827.84577	56840.77734	505221.1	5410354.3
L5220.1	505221.1	5410357.4	18714.19922	430.17	0	48.846166	-86.928836	56721.98	56232.8	17.21	56739.19	56736.34766	56827.42491	56840.50391	505221.1	5410357.4
L5220.1	505221.1	5410357.4	18714.30078	430.45	0	48.846166	-86.928836	56722.13	56232.8	17.21	56739.34	56736.40234	56830.06246	56843.28516	505221.1	5410357.4
L5220.1	505221.1	5410360.7	18714.40039	429.96	0	48.846195	-86.928836	56722.32	56232.8	17.21	56739.54	56736.50000	56834.34033	56847.70703	505221.1	5410360.7
L5220.1	505221.1	5410360.7	18714.50000	430.56	0	48.846195	-86.928836	56722.40	56232.8	17.22	56739.61	56736.46875	56836.00239	56849.51563	505221.1	5410360.7
L5220.1	505221.1	5410362.8	18714.59961	428.54	0	48.846214	-86.928836	56722.40	56232.8	17.22	56739.62	56736.37500	56836.70340	56850.36328	505221.1	5410362.8
L5220.1	505221.1	5410362.8	18714.69922	430.65	0	48.846214	-86.928836	56722.39	56232.8	17.22	56739.61	56736.25781	56837.38819	56851.19531	505221.1	5410362.8
L5220.1	505221.1	5410364.6	18714.80078	430.82	0	48.846230	-86.928836	56722.53	56232.8	17.22	56739.75	56736.28906	56842.07495	56856.02734	505221.1	5410364.6
L5220.1	505221.1	5410364.6	18714.90039	432.45	0	48.846230	-86.928836	56722.09	56232.8	17.23	56739.32	56735.74609	56833.73640	56847.83594	505221.1	5410364.6
L5220.1	505221.1	5410367.5	18715.00000	433.05	0	48.846256	-86.928836	56722.26	56232.8	17.23	56739.49	56735.80469	56840.03543	56854.28125	505221.1	5410367.5
L5220.1	505221.1	5410367.5	18715.09961	433.03	0	48.846256	-86.928836	56722.38	56232.8	17.23	56739.61	56735.80859	56845.59869	56859.98828	505221.1	5410367.5
L5220.1	505221.1	5410367.5	18715.19922	434.15	0	48.846256	-86.928836	56722.06	56232.8	17.23	56739.29	56735.37109	56841.20019	56855.73438	505221.1	5410367.5
L5220.1	505221.1	5410370.5	18715.30078	434.41	0	48.846283	-86.928836	56722.06	56232.8	17.23	56739.29	56735.25000	56844.80601	56859.48047	505221.1	5410370.5
L5220.1	505221.1	5410370.5	18715.40039	434.15	0	48.846283	-86.928836	56721.96	56232.8	17.23	56739.19	56735.02734	56846.47944	56861.29297	505221.1	5410370.5
L5220.1	505221.1	5410372.9	18715.50000	434.66	0	48.846305	-86.928836	56721.96	56232.8	17.23	56739.19	56734.89844	56850.94353	56865.89453	505221.1	5410372.9
L5220.1	505221.1	5410372.9	18715.59961	436.72	0	48.846305	-86.928836	56721.36	56232.8	17.23	56738.59	56734.17188	56841.63935	56856.72656	505221.1	5410372.9
L5220.1	505221.1	5410375.4	18715.69922	433.88	0	48.846327	-86.928836	56721.23	56232.8	17.23	56738.46	56733.91016	56843.86053	56859.08203	505221.1	5410375.4
L5220.1	505221.1	5410375.4	18715.80078	436.07	0	48.846327	-86.928836	56721.14	56232.8	17.23	56738.38	56733.69922	56847.66760	56863.01563	505221.1	5410375.4
L5220.1	505221.1	5410375.4	18715.90039	435.44	0	48.846327	-86.928836	56721.00	56232.8	17.23	56738.23	56733.41406	56850.21416	56865.68750	505221.1	5410375.4
L5220.1	505221.1	5410378.9	18716.00000	434.82	0	48.846359	-86.928836	56720.62	56232.8	17.23	56737.85	56732.89453	56847.70728	56863.30469	505221.1	5410378.9

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5220.1	505221.1	5410380.1	18716.09961	433.13	0	48.846370	-86.928836	56720.41	56232.8	17.23	56737.64	56732.54297	56849.59505	56865.30859	505221.1	5410380.1
L5220.1	505221.1	5410380.1	18716.19922	433.01	0	48.846370	-86.928836	56720.08	56232.8	17.23	56737.31	56732.07031	56849.00915	56864.83984	505221.1	5410380.1
L5220.1	505221.1	5410382.2	18716.30078	431.31	0	48.846389	-86.928836	56719.80	56232.8	17.23	56737.03	56731.64453	56849.95769	56865.89844	505221.1	5410382.2
L5220.1	505221.1	5410384.5	18716.40039	430.23	0	48.846409	-86.928836	56719.43	56232.8	17.23	56736.66	56731.12500	56849.11787	56865.16016	505221.1	5410384.5
L5220.1	505221.1	5410384.5	18716.50000	430.71	0	48.846409	-86.928836	56718.80	56232.8	17.23	56736.03	56730.34375	56842.45678	56858.59766	505221.1	5410384.5
L5220.1	505221.1	5410384.5	18716.59961	433.32	0	48.846409	-86.928836	56718.68	56232.8	17.23	56735.91	56730.07031	56848.16801	56864.40625	505221.1	5410384.5
L5220.1	505221.1	5410387.1	18716.69922	432.85	0	48.846432	-86.928836	56718.34	56232.8	17.23	56735.57	56729.57031	56848.97558	56865.30078	505221.1	5410387.1
L5220.1	505221.1	5410387.1	18716.80078	432.37	0	48.846432	-86.928836	56717.78	56232.8	17.23	56735.01	56728.85156	56844.86437	56861.27344	505221.1	5410387.1
L5220.1	505221.1	5410387.1	18716.90039	433.68	0	48.846432	-86.928836	56717.12	56232.8	17.23	56734.35	56728.02734	56838.65607	56855.13672	505221.1	5410387.1
L5220.1	505221.1	5410387.1	18717.00000	432.07	0	48.846432	-86.928836	56716.73	56232.8	17.23	56733.96	56727.47266	56839.08323	56855.63281	505221.1	5410387.1
L5220.1	505221.1	5410391.7	18717.09961	442.93	0	48.846474	-86.928836	56716.23	56232.8	17.23	56733.47	56726.81641	56837.37977	56853.99219	505221.1	5410391.7
L5220.1	505221.1	5410391.7	18717.19922	442.93	0	48.846474	-86.928836	56715.70	56232.8	17.24	56732.94	56726.11328	56834.94673	56851.61719	505221.1	5410391.7
L5220.1	505221.1	5410394.1	18717.30078	440.91	0	48.846495	-86.928836	56715.02	56232.8	17.24	56732.26	56725.26172	56829.16471	56845.88281	505221.1	5410394.1
L5220.1	505221.1	5410394.1	18717.40039	440.45	0	48.846495	-86.928836	56714.62	56232.8	17.24	56731.86	56724.68359	56830.18254	56846.93750	505221.1	5410394.1
L5220.1	505221.1	5410396.9	18717.50000	442.96	0	48.846520	-86.928836	56714.39	56232.8	17.25	56731.63	56724.27344	56835.37966	56852.16406	505221.1	5410396.9
L5220.1	505221.1	5410396.9	18717.59961	443.53	0	48.846520	-86.928836	56713.32	56232.8	17.25	56730.57	56723.03125	56821.09009	56837.89844	505221.1	5410396.9
L5220.1	505221.1	5410399.4	18717.69922	445.17	0	48.846543	-86.928835	56712.85	56232.7	17.25	56730.10	56722.37891	56820.87045	56837.69531	505221.1	5410399.4
L5220.1	505221.1	5410400.1	18717.80078	446.18	0	48.846550	-86.928835	56712.20	56232.7	17.25	56729.45	56721.53906	56816.49225	56833.32031	505221.1	5410400.1
L5220.1	505221.2	5410401.1	18717.90039	448.00	0	48.846558	-86.928835	56711.68	56232.7	17.26	56728.94	56720.83984	56815.50061	56832.32422	505221.2	5410401.1
L5220.1	505221.2	5410401.1	18718.00000	447.80	0	48.846558	-86.928835	56710.67	56232.7	17.26	56727.93	56719.63672	56802.74006	56819.55078	505221.2	5410401.1
L5220.1	505221.2	5410404.3	18718.09961	447.51	0	48.846587	-86.928835	56710.17	56232.7	17.26	56727.43	56718.94141	56802.07048	56818.85938	505221.2	5410404.3
L5220.1	505221.2	5410404.3	18718.19922	446.68	0	48.846587	-86.928835	56709.67	56232.7	17.26	56726.93	56718.23828	56801.40954	56818.16797	505221.2	5410404.3
L5220.1	505221.2	5410406.5	18718.30078	447.79	0	48.846607	-86.928835	56708.70	56232.7	17.26	56725.96	56717.06641	56789.62037	56806.33594	505221.2	5410406.5
L5220.1	505221.2	5410406.5	18718.40039	447.15	0	48.846607	-86.928835	56708.06	56232.7	17.26	56725.32	56716.22266	56785.59605	56802.25391	505221.2	5410406.5
L5220.1	505221.2	5410408.7	18718.50000	445.68	0	48.846627	-86.928835	56707.40	56232.7	17.26	56724.67	56715.36328	56781.27302	56797.86719	505221.2	5410408.7
L5220.1	505221.2	5410408.7	18718.59961	445.99	0	48.846627	-86.928835	56706.77	56232.7	17.27	56724.04	56714.52344	56777.33640	56793.85547	505221.2	5410408.7
L5220.1	505221.2	5410410.6	18718.69922	445.36	0	48.846644	-86.928834	56705.65	56232.7	17.27	56722.92	56713.19141	56761.70227	56778.13672	505221.2	5410410.6
L5220.1	505221.2	5410411.8	18718.80078	444.97	0	48.846655	-86.928834	56705.02	56232.7	17.27	56722.29	56712.34375	56757.51891	56773.85938	505221.2	5410411.8
L5220.1	505221.2	5410413.5	18718.90039	444.70	0	48.846671	-86.928834	56704.51	56232.7	17.27	56721.78	56711.61719	56756.01241	56772.24219	505221.2	5410413.5
L5220.1	505221.2	5410413.5	18719.00000	444.32	0	48.846671	-86.928834	56704.04	56232.7	17.27	56721.31	56710.92188	56755.26606	56771.37500	505221.2	5410413.5
L5220.1	505221.2	5410414.9	18719.09961	446.09	0	48.846683	-86.928834	56703.19	56232.7	17.27	56720.46	56709.84766	56745.32340	56761.30078	505221.2	5410414.9
L5220.1	505221.2	5410416.2	18719.19922	445.35	0	48.846694	-86.928834	56701.96	56232.7	17.27	56719.23	56708.39063	56726.15920	56741.99219	505221.2	5410416.2
L5220.1	505221.2	5410417.2	18719.30078	436.18	0	48.846703	-86.928834	56701.39	56232.7	17.27	56718.66	56707.58984	56722.33995	56738.01953	505221.2	5410417.2
L5220.1	505221.2	5410418.5	18719.40039	438.54	0	48.846715	-86.928834	56700.61	56232.7	17.27	56717.87	56706.56641	56713.03196	56728.54297	505221.2	5410418.5
L5220.1	505221.2	5410420.0	18719.50000	436.66	0	48.846728	-86.928834	56699.96	56232.7	17.26	56717.23	56705.69141	56706.95901	56722.28906	505221.2	5410420.0
L5220.1	505221.2	5410421.8	18719.59961	436.33	0	48.846745	-86.928833	56698.75	56232.7	17.26	56716.01	56704.23047	56686.83444	56701.97266	505221.2	5410421.8
L5220.1	505221.2	5410421.8	18719.69922	436.60	0	48.846745	-86.928833	56698.18	56232.7	17.26	56715.44	56703.42188	56681.71773	56696.64844	505221.2	5410421.8
L5220.1	505221.3	5410423.3	18719.80078	435.46	0	48.846758	-86.928833	56697.52	56232.7	17.26	56714.78	56702.51563	56674.08604	56688.80078	505221.3	5410423.3
L5220.1	505221.3	5410425.1	18719.90039	436.46	0	48.846774	-86.928833	56696.99	56232.7	17.26	56714.25	56701.73828	56669.11685	56683.60156	505221.3	5410425.1
L5220.1	505221.3	5410426.2	18720.00000	435.22	0	48.846785	-86.928833	56696.04	56232.7	17.26	56713.30	56700.53906	56653.78051	56668.01953	505221.3	5410426.2
L5220.1	505221.3	5410426.2	18720.09961	435.74	0	48.846785	-86.928833	56695.48	56232.7	17.26	56712.74	56699.72656	56647.20611	56661.19141	505221.3	5410426.2
L5220.1	505221.3	5410427.8	18720.19922	433.97	0	48.846799	-86.928833	56694.92	56232.7	17.26	56712.18	56698.91406	56640.14799	56653.86328	505221.3	5410427.8
L5220.1	505221.3	5410429.5	18720.30078	434.63	0	48.846814	-86.928833	56694.07	56232.7	17.26	56711.33	56697.80469	56625.72543	56639.16016	505221.3	5410429.5
L5220.1	505221.3	5410431.3	18720.40039	433.05	0	48.846830	-86.928833	56693.18	56232.7	17.26	56710.44	56696.65625	56609.82692	56622.96484	505221.3	5410431.3
L5220.1	505221.3	5410432.3	18720.50000	433.71	0	48.846839	-86.928833	56692.65	56232.7	17.26	56709.91	56695.86328	56601.88831	56614.71875	505221.3	5410432.3
L5220.1	505221.3	5410433.6	18720.59961	434.67	0	48.846851	-86.928833	56692.57	56232.7	17.26	56709.83	56695.51563	56604.01570	56616.52734	505221.3	5410433.6
L5220.1	505221.3	5410433.6	18720.69922	435.62	0	48.846851	-86.928833	56691.63	56232.7	17.26	56708.89	56694.30859	56585.21142	56597.39063	505221.3	5410433.6
L5220.1	505221.3	5410436.5	18720.80078	434.66	0	48.846877	-86.928832	56691.21	56232.7	17.26	56708.47	56693.61719	56578.08593	56589.91797	505221.3	5410436.5
L5220.1	505221.3	5410436.5	18720.90039	434.38	0	48.846877	-86.928832	56690.57	56232.7	17.26	56707.83	56692.70313	56565.12093	56576.59375	505221.3	5410436.5
L5220.1	505221.3	5410438.5	18721.00000	424.33	0	48.846895	-86.928832	56690.51	56232.7	17.26	56707.77	56692.37109	56565.21347	56576.31250	505221.3	5410438.5
L5220.1	505221.3	5410439.9	18721.09961	422.94	0	48.846907	-86.928832	56689.93	56232.7	17.26	56707.20	56691.51953	56552.57055	56563.28516	505221.3	5410439.9
L5220.1	505221.3	5410439.9	18721.19922	423.94	0	48.846907	-86.928832	56689.28	56232.7	17.27	56706.55	56690.58984	56537.34166	56547.66016	505221.3	5410439.9
L5220.1	505221.3	5410441.9	18721.30078	424.93	0	48.846926	-86.928832	56689.18	56232.7	17.28	56706.46	56690.21875	56534.64266	56544.55469	505221.3	5410441.9
L5220.1	505221.3	5410443.4	18721.40039	425.43	0	48.846939	-86.928832	56688.51	56232.7	17.28	56705.79	56689.26172	56517.50054	56526.98828	505221.3	5410443.4
L5220.1	505221.4	5410445.2	18721.50000	424.53	0	48.846955	-86.928832	56688.56	56232.7	17.28	56705.84	56689.02734	56516.63910	56525.69141	505221.4	5410445.2
L5220.1	505221.4	5410445.2	18721.59961	425.69	0	48.846955	-86.928832	56687.88	56232.7	17.29	56705.17	56688.06641	56497.99322	56506.60156	505221.4	5410445.2
L5220.1	505221.4	5410446.7	18721.69922	424.80	0	48.846969	-86.928832	56688.28	56232.7	17.29	56705.57	56688.17578	56503.87494	56512.02344	505221.4	5410446.7
L5220.1	505221.4	5410448.7	18721.80078	424.64	0	48.846987	-86.928831	56687.92	56232.7	17.30	56705.22	56687.53125	56491.23551	56498.91406	505221.4	5410448.7
L5220.1	505221.4	5410448.7	18721.90039	425.56	0	48.846987	-86.928831	56687.82	56232.7	17.31	56705.13	56687.14453	56483.94505	56491.14453	505221.4	5410448.7
L5220.1	505221.4	5410450.2	18722.00000	425.97	0	48.847001	-86.928831	56687.55	56232.7	17.31	56704.86	56686.57422	56471.58806	56478.29297	505221.4	5410450.2
L5220.1	505221.4	5410452.0	18722.09961	423.90	0	48.847016	-86.928831	56687.82	56232.7	17.31	56705.13	56686.54297	56471.17933	56477.37891	505221.4	5410452.0
L5220.1	505221.4	5410453.9	18722.19922	424.51	0	48.847034	-86.928831	56687.55	56232.7	17.31	56704.86	56685.97266	56457.17201	56462.85547	505221.4	5410453.9
L5220.1	505221.4	5410453.9	18722.30078	421.71	0	48.847034	-86.928831	56687.69	56232.7	17.31	56705.00	56685.80469	56452.02150	56457.17969	505221.4	5410453.9
L5220.1	505221.4	5410455.2	18722.40039	421.73	0	48.847046	-86.928831	56688.15	56232.7	17.31	56705.46	56685.96094	56453.59252	56458.21484	505221.4	5410455.2
L5220.1	505221.4	5410457.0	18722.50000	419.13	0	48.847061	-86.928831	56688.59	56232.7	17.31	56705.90	56686.08984	56453.83941	56457.91406	505221.4	5410457.0
L5220.1	505221.4	5410457.0	18722.59961	421.15	0	48.847061	-86.928831	56688.46	56232.7	17.31	56705.77	56685.64844	56439.75194	56443.26953	505221.4	5410457.0
L5220.1	505221.4	5410459.6	18722.69922	419.88	0	48.847085	-86.928830	56688.82	56232.7	17.31	56706.13	56685.69531	56436.39094	56439.34375	505221.4	5410459.6
L5220.1	505221.4	5410459.6	18722.80078	422.91	0	48.847085	-86.928830	56689.59	56232.7	17.31	56706.90	56686.15234	56441.86202	56444.23828	505221.4	5410459.6
L5220.1	505221.4	5410461.3	18722.90039	421.43	0	48.847100	-86.928830	56689.77	56232.7	17.31	56707.08	56686.01563	56432.51768	56434.30859	505221.4	5410461.3
L5220.1	505221.4	5410462.8	18723.00000	422.92	0	48.847114	-86.928830	56690.32	56232.7	17.31	56707.63	56686.24609	56431.05758	56432.25391	505221.4	5410462.8
L5220.1	505221.4	5410462.8	18723.09961	432.29	0	48.847114	-86.928830	56690.89	56232.7	17.31	56708.20	56686.49609	56429.20637	56429.79688	505221.4	5410462.8
L5220.1	505221.5	5410464.9	18723.19922	431.22	0	48.847133	-86.928830	56692.09	56232.7	17.31	56709.39	56687.36328	56441.15348	56441.13672	505221.5	5410464.9
L5220.1	505221.5	5410466.4	18723.30078	430.87	0	48.847146	-86.928830	56692.28	56232.7	17.31	56709.58	56687.23047	56428.59559	56427.96094	505221.5	5410466.4
L5220.1	505221.5	5410466.4	18723.40039	432.58	0	48.847146	-86.928830	56693.21	56232.7	17.31	56710.52	56687.84375	56432.91727	56431.65625	505221.5	5410466.4
L5220.1	505221.5	5410468.4	18723.50000	424.06	0	48.847164	-86.928830	56694.20	56232.7	17.31	56711.50	56688.49609	56437.33529	56435.43750	505221.5	5410468.4
L5220.1	505221.5	5410470.1	18723.59961	426.62	0	48.847179	-86.928830	56695.10	56232.7	17.30	56712.40	56689.06641	56439.01868	56436.48047	505221.5	5410470.1
L5220.1	505221.5	5410470.1	18723.69922	436.47	0	48.847179	-86.928830	56695.86	56232.7	17.30	56713.16	56689.49609	56436.55640	56433.37500	505221.5	5410470.1
L5220.1	505221.5	5410471.9	18723.80078	437.92	0	48.847195	-86.928830	56697.06	56232.7	17.30	56714.36	56690.36719	56443.67190	56439.83594	505221.5	5410471.9
L5220.1	505221.5	5410473.5	18723.90039	439.40	0	48.847210	-86.928830	56698.21	56232.7	17.30	56715.52	56691.19141	56449.02514	56444.53125	505221.5	5410473.5
L5220.1	505221.5	5410475.2	18724.00000	437.74	0	48.847225	-86.928829	56699.16	56232.7	17.30	56716.46	56691.79688	56448.37095	56443.21484	505221.5	5410475.2
L5220.1	505221.5	5410476.3	18724.09961	437.60	0	48.847235	-86.928829	56700.78	56232.7	17.30	56718.08	56693.08203	56463.00290	56457.17578	505221.5	5410476.3
L5220.1	505221.5	5410478.1	18724.19922	437.21	0	48.847251	-86.928829	56701.96	56232.7	17.30	56719.27	56693.93359	56466.68732	56460.19141	505221.5	5410478.1
L5220.1	505221.5	5410478.1	18724.30078	437.06	0	48.847251	-86.928829	56703.24	56232.7	17.30	56720.54	56694.86328	56471.49804	56464.32422	505221.5	5410478.1
L5220.1	505221.5	5410479.9	18724.40039	434.18	0	48.847267	-86.928829	56704.68	56232.7	17.30	56721.99	56695.97266	56479.81512	56471.96094	505221.5	5410479.9
L5220.1	505221.5	5410481.4	18724.50000	434.73	0	48.847281	-86.928829	56706.09	56232.7	17.31	56723.40	56697.04297	56486.45295	56477.91406	505221.5	5410481.4
L5220.1	505221.5	5410481.4	18724.59961	433.66	0	48.847281	-86.928829	56707.66	56232.7	17.31	56724.97	56698.26953	56496.15823	56486.93359	505221.5	5410481.4
L5220.1	505221.5	5410483.6	18724.69922	435.36	0	48.847301	-86.928829	56709.11	56232.7	17.31	56726.42	56699.37500	56502.32861	56492.41797	505221.5	5410483.6
L5220.1	505221.5	5410483.6	18724.80078	432.88	0	48.847301	-86.928829	56711.09	56232.7	17.31	56728.40	56701.00781	56520.35341	56509.75391	505221.5	5410483.6
L5220.1	505221.5	5410485.6	18724.90039	424.06	0	48.847319	-86.928829	56712.62	56232.7	17.31	56729.93	56702.19141	56527.08004	56515.78906	505221.5	5410485.6
L5220.1	505221.5	5410487.0	18725.00000	422.68	0	48.847332	-86.928829	56714.32	56232.7	17.31	56731.63	56703.54688	56537.19028	56525.20703	505221.5	5410487.0
L5220.1	505221.5	5410488.6	18725.09961	428.39	0	48.847345	-86.928829	56716.27	56232.7	17.31	56733.58	56705.14844	56552.59798	56539.92188	505221.5	5410488.6
L5220.1	505221.5	5410488.6	18725.19922	428.09	0	48.847345	-86.928829	56718.02	56232.7	17.31	56735.33	56706.54688	56562.68550	56549.32031	505221.5	5410488.6
L5220.1	505221.5	5410490.1	18725.30078	429.29	0	48.847359	-86.928829	56719.80	56232.7	17.31	56737.11	56707.97656	56572.91521	56558.85938	505221.5	5410490.1

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5220.1	505221.5	5410491.7	18725.40039	426.95	0	48.847374	-86.928829	56721.53	56232.7	17.31	56738.84	56709.35547	56581.42005	56566.67188	505221.5	5410491.7
L5220.1	505221.5	5410493.1	18725.50000	425.76	0	48.847386	-86.928829	56723.66	56232.7	17.31	56740.97	56711.13281	56598.86597	56583.42969	505221.5	5410493.1
L5220.1	505221.5	5410493.1	18725.59961	427.58	0	48.847386	-86.928829	56725.70	56232.7	17.31	56743.00	56712.80859	56613.45603	56597.33203	505221.5	5410493.1
L5220.1	505221.5	5410494.7	18725.69922	429.12	0	48.847401	-86.928829	56727.80	56232.7	17.31	56745.11	56714.56641	56629.47313	56612.66797	505221.5	5410494.7
L5220.1	505221.5	5410496.4	18725.80078	432.88	0	48.847416	-86.928830	56729.61	56232.7	17.31	56746.92	56716.01953	56637.95910	56620.47266	505221.5	5410496.4
L5220.1	505221.4	5410497.8	18725.90039	431.35	0	48.847429	-86.928830	56731.56	56232.7	17.31	56748.87	56717.61328	56649.34594	56631.17969	505221.4	5410497.8
L5220.1	505221.4	5410497.8	18726.00000	433.99	0	48.847429	-86.928830	56733.73	56232.7	17.31	56751.04	56719.42578	56665.55366	56646.71484	505221.4	5410497.8
L5220.1	505221.4	5410501.0	18726.09961	434.39	0	48.847457	-86.928830	56735.84	56232.7	17.31	56753.15	56721.17969	56679.99021	56660.48047	505221.4	5410501.0
L5220.1	505221.4	5410501.0	18726.19922	435.69	0	48.847457	-86.928830	56737.90	56232.7	17.31	56755.21	56722.88281	56692.92129	56672.74609	505221.4	5410501.0
L5220.1	505221.4	5410502.7	18726.30078	436.90	0	48.847473	-86.928830	56739.93	56232.7	17.31	56757.24	56724.55469	56704.84942	56684.01563	505221.4	5410502.7
L5220.1	505221.4	5410502.7	18726.40039	435.88	0	48.847473	-86.928830	56742.14	56232.7	17.31	56759.45	56726.40234	56720.77020	56699.28125	505221.4	5410502.7
L5220.1	505221.4	5410505.6	18726.50000	436.31	0	48.847499	-86.928830	56744.26	56232.7	17.31	56761.57	56728.16406	56734.32945	56712.19141	505221.4	5410505.6
L5220.1	505221.4	5410505.6	18726.59961	436.48	0	48.847499	-86.928830	56746.57	56232.7	17.31	56763.88	56730.11328	56752.17850	56729.39844	505221.4	5410505.6
L5220.1	505221.4	5410507.0	18726.69922	435.79	0	48.847511	-86.928830	56748.48	56232.7	17.31	56765.79	56731.66016	56760.39693	56736.98438	505221.4	5410507.0
L5220.1	505221.4	5410508.1	18726.80078	437.96	0	48.847521	-86.928830	56750.71	56232.7	17.31	56768.02	56733.53125	56776.04057	56752.00000	505221.4	5410508.1
L5220.1	505221.4	5410509.6	18726.90039	439.69	0	48.847535	-86.928831	56753.07	56232.7	17.31	56770.38	56735.52734	56794.64761	56769.98828	505221.4	5410509.6
L5220.1	505221.4	5410511.1	18727.00000	439.16	0	48.847548	-86.928831	56755.10	56232.7	17.31	56772.41	56737.19531	56805.37184	56780.09766	505221.4	5410511.1
L5220.1	505221.4	5410511.1	18727.09961	438.23	0	48.847548	-86.928831	56757.04	56232.7	17.31	56774.35	56738.77344	56813.91920	56788.04297	505221.4	5410511.1
L5220.1	505221.4	5410513.3	18727.19922	435.63	0	48.847568	-86.928831	56759.43	56232.7	17.31	56776.74	56740.80078	56833.08936	56806.62109	505221.4	5410513.3
L5220.1	505221.4	5410514.4	18727.30078	434.17	0	48.847578	-86.928831	56761.15	56232.7	17.31	56778.46	56742.15625	56836.42965	56809.37500	505221.4	5410514.4
L5220.1	505221.4	5410516.0	18727.40039	432.76	0	48.847592	-86.928831	56763.46	56232.7	17.31	56780.78	56744.11328	56854.00099	56826.37500	505221.4	5410516.0
L5220.1	505221.4	5410516.0	18727.50000	432.51	0	48.847592	-86.928831	56765.71	56232.7	17.32	56783.02	56745.98828	56869.75455	56841.56250	505221.4	5410516.0
L5220.1	505221.4	5410517.7	18727.59961	432.24	0	48.847608	-86.928831	56767.25	56232.7	17.32	56784.56	56747.16406	56869.06004	56840.31250	505221.4	5410517.7
L5220.1	505221.3	5410519.8	18727.69922	429.56	0	48.847626	-86.928831	56769.86	56232.7	17.32	56787.18	56749.41797	56894.03703	56864.74609	505221.3	5410519.8
L5220.1	505221.3	5410521.1	18727.80078	430.22	0	48.847638	-86.928831	56771.34	56232.7	17.32	56788.66	56750.53516	56892.22113	56862.39844	505221.3	5410521.1
L5220.1	505221.3	5410521.1	18727.90039	432.47	0	48.847638	-86.928831	56773.80	56232.7	17.32	56791.12	56752.62891	56913.77079	56883.42969	505221.3	5410521.1
L5220.1	505221.3	5410522.5	18728.00000	431.43	0	48.847651	-86.928831	56775.35	56232.7	17.32	56792.67	56753.81250	56914.02395	56883.17188	505221.3	5410522.5
L5220.1	505221.3	5410523.6	18728.09961	434.36	0	48.847661	-86.928831	56777.73	56232.7	17.32	56795.05	56755.82813	56934.15272	56902.80469	505221.3	5410523.6
L5220.1	505221.3	5410523.6	18728.19922	433.77	0	48.847661	-86.928831	56779.35	56232.7	17.32	56796.67	56757.08203	56936.58781	56904.75391	505221.3	5410523.6
L5220.1	505221.3	5410525.1	18728.30078	442.58	0	48.847674	-86.928831	56781.42	56232.7	17.32	56798.73	56758.77734	56949.73146	56917.42578	505221.3	5410525.1
L5220.1	505221.3	5410526.7	18728.40039	437.80	0	48.847688	-86.928832	56783.22	56232.7	17.32	56800.53	56760.21094	56957.05810	56924.29688	505221.3	5410526.7
L5220.1	505221.3	5410528.5	18728.50000	438.21	0	48.847705	-86.928832	56784.89	56232.7	17.31	56802.20	56761.51563	56961.66760	56928.45703	505221.3	5410528.5
L5220.1	505221.3	5410528.5	18728.59961	434.25	0	48.847705	-86.928832	56786.67	56232.7	17.31	56803.98	56762.92969	56969.26023	56935.61719	505221.3	5410528.5
L5220.1	505221.3	5410530.0	18728.69922	434.46	0	48.847718	-86.928832	56788.34	56232.7	17.31	56805.66	56764.24609	56974.89487	56940.83594	505221.3	5410530.0
L5220.1	505221.2	5410531.5	18728.80078	433.65	0	48.847732	-86.928832	56790.23	56232.7	17.31	56807.54	56765.75781	56985.68909	56951.22656	505221.2	5410531.5
L5220.1	505221.2	5410533.4	18728.90039	446.39	0	48.847749	-86.928832	56791.62	56232.7	17.31	56808.93	56766.78516	56985.35023	56950.49609	505221.2	5410533.4
L5220.1	505221.2	5410533.4	18729.00000	434.65	0	48.847749	-86.928832	56793.56	56232.7	17.31	56810.87	56768.35938	56998.49221	56963.26172	505221.2	5410533.4
L5220.1	505221.2	5410535.2	18729.09961	433.17	0	48.847765	-86.928833	56795.10	56232.7	17.31	56812.41	56769.53125	57002.67279	56967.07813	505221.2	5410535.2
L5220.1	505221.1	5410536.7	18729.19922	442.00	0	48.847779	-86.928833	56796.56	56232.7	17.31	56813.87	56770.62891	57005.47917	56969.53906	505221.1	5410536.7
L5220.1	505221.1	5410536.7	18729.30078	442.70	0	48.847779	-86.928833	56798.07	56232.7	17.31	56815.39	56771.78125	57010.24135	56973.96875	505221.1	5410536.7
L5220.1	505221.1	5410538.0	18729.40039	442.31	0	48.847790	-86.928834	56799.49	56232.7	17.31	56816.81	56772.83594	57013.19469	56976.60547	505221.1	5410538.0
L5220.1	505221.1	5410539.4	18729.50000	441.20	0	48.847803	-86.928834	56800.91	56232.7	17.32	56818.22	56773.88281	57016.48506	56979.59375	505221.1	5410539.4
L5220.1	505221.1	5410539.4	18729.59961	440.83	0	48.847803	-86.928834	56802.56	56232.7	17.32	56819.88	56775.17578	57026.27719	56989.09766	505221.1	5410539.4
L5220.1	505221.1	5410541.1	18729.69922	442.16	0	48.847818	-86.928834	56803.59	56232.7	17.32	56820.90	56775.83203	57021.54201	56984.09375	505221.1	5410541.1
L5220.1	505221.0	5410543.0	18729.80078	442.88	0	48.847835	-86.928835	56804.98	56232.7	17.32	56822.29	56776.85938	57026.17670	56988.47266	505221.0	5410543.0
L5220.1	505221.0	5410544.8	18729.90039	441.60	0	48.847851	-86.928835	56806.52	56232.7	17.32	56823.84	56778.04688	57035.22944	56997.28516	505221.0	5410544.8
L5220.1	505221.0	5410546.3	18730.00000	445.17	0	48.847865	-86.928836	56807.68	56232.7	17.32	56825.00	56778.84375	57035.70773	56997.53516	505221.0	5410546.3
L5220.1	505220.9	5410547.9	18730.09961	442.04	0	48.847879	-86.928836	56808.76	56232.7	17.32	56826.08	56779.55859	57034.95356	56996.57031	505220.9	5410547.9
L5220.1	505220.9	5410547.9	18730.19922	444.29	0	48.847879	-86.928836	56809.74	56232.7	17.32	56827.06	56780.17578	57032.50471	56993.92578	505220.9	5410547.9
L5220.1	505220.9	5410549.4	18730.30078	432.71	0	48.847893	-86.928837	56811.39	56232.7	17.33	56828.72	56781.47266	57046.81463	57008.05859	505220.9	5410549.4
L5220.1	505220.9	5410549.4	18730.40039	433.70	0	48.847893	-86.928837	56812.08	56232.7	17.33	56829.41	56781.80078	57038.87618	56999.95703	505220.9	5410549.4
L5220.1	505220.9	5410551.2	18730.50000	433.15	0	48.847909	-86.928837	56813.24	56232.7	17.33	56830.57	56782.60156	57042.74701	57003.67969	505220.9	5410551.2
L5220.1	505220.9	5410552.8	18730.59961	437.54	0	48.847923	-86.928837	56814.12	56232.7	17.33	56831.45	56783.11719	57040.69916	57001.50000	505220.9	5410552.8
L5220.1	505220.8	5410554.4	18730.69922	434.93	0	48.847938	-86.928837	56814.92	56232.7	17.33	56832.25	56783.55859	57037.46723	56998.14844	505220.8	5410554.4
L5220.1	505220.8	5410554.4	18730.80078	434.38	0	48.847938	-86.928837	56815.62	56232.7	17.34	56832.96	56783.90625	57032.81915	56993.40234	505220.8	5410554.4
L5220.1	505220.8	5410556.3	18730.90039	434.60	0	48.847954	-86.928837	56816.62	56232.7	17.34	56833.95	56784.53906	57035.50722	56996.00391	505220.8	5410556.3
L5220.1	505220.8	5410557.8	18731.00000	435.52	0	48.847968	-86.928838	56817.78	56232.7	17.34	56835.12	56785.34766	57043.16914	57003.59375	505220.8	5410557.8
L5220.1	505220.8	5410559.0	18731.09961	436.28	0	48.847979	-86.928838	56818.24	56232.7	17.34	56835.58	56785.44922	57034.76129	56995.12891	505220.8	5410559.0
L5220.1	505220.8	5410559.0	18731.19922	432.91	0	48.847979	-86.928838	56818.88	56232.7	17.34	56836.21	56785.72266	57031.09230	56991.41797	505220.8	5410559.0
L5220.1	505220.8	5410560.7	18731.30078	429.30	0	48.847995	-86.928838	56819.48	56232.7	17.33	56836.81	56785.96484	57027.43222	56987.73438	505220.8	5410560.7
L5220.1	505220.8	5410562.3	18731.40039	429.76	0	48.848008	-86.928838	56820.48	56232.7	17.33	56837.81	56786.60547	57033.94701	56994.23438	505220.8	5410562.3
L5220.1	505220.8	5410562.3	18731.50000	432.55	0	48.848008	-86.928838	56820.71	56232.7	17.33	56838.04	56786.48047	57022.96819	56983.25781	505220.8	5410562.3
L5220.1	505220.8	5410563.6	18731.59961	431.53	0	48.848020	-86.928838	56821.46	56232.7	17.33	56838.79	56786.87500	57024.99529	56985.30469	505220.8	5410563.6
L5220.1	505220.8	5410564.9	18731.69922	430.91	0	48.848032	-86.928838	56822.07	56232.7	17.33	56839.40	56787.12891	57024.41735	56984.75781	505220.8	5410564.9
L5220.1	505220.8	5410566.4	18731.80078	430.60	0	48.848046	-86.928838	56822.00	56232.7	17.32	56839.33	56786.70703	57008.45999	56968.84766	505220.8	5410566.4
L5220.1	505220.8	5410568.0	18731.90039	430.28	0	48.848060	-86.928838	56822.98	56232.7	17.32	56840.30	56787.32031	57017.78771	56978.23438	505220.8	5410568.0
L5220.1	505220.8	5410569.2	18732.00000	430.21	0	48.848071	-86.928838	56822.82	56232.7	17.32	56840.14	56786.80859	57001.08154	56961.60156	505220.8	5410569.2
L5220.1	505220.8	5410569.2	18732.09961	431.31	0	48.848071	-86.928838	56823.46	56232.7	17.32	56840.79	56787.10547	57004.20635	56964.81250	505220.8	5410569.2
L5220.1	505220.8	5410570.9	18732.19922	432.26	0	48.848086	-86.928838	56823.98	56232.7	17.32	56841.30	56787.26563	57004.68950	56965.39453	505220.8	5410570.9
L5220.1	505220.8	5410570.9	18732.30078	432.51	0	48.848086	-86.928838	56824.14	56232.7	17.32	56841.46	56787.07422	56997.55554	56958.37500	505220.8	5410570.9
L5220.1	505220.8	5410573.0	18732.40039	434.72	0	48.848105	-86.928838	56824.56	56232.7	17.32	56841.88	56787.14453	56997.21789	56958.16406	505220.8	5410573.0
L5220.1	505220.8	5410574.4	18732.50000	434.67	0	48.848118	-86.928838	56824.32	56232.7	17.33	56841.64	56786.55469	56981.91101	56942.99219	505220.8	5410574.4
L5220.1	505220.8	5410576.1	18732.59961	434.04	0	48.848133	-86.928838	56824.86	56232.7	17.33	56842.18	56786.75000	56985.67298	56946.90625	505220.8	5410576.1
L5220.1	505220.8	5410576.1	18732.69922	434.49	0	48.848133	-86.928838	56825.09	56232.7	17.33	56842.42	56786.64063	56982.95353	56944.34766	505220.8	5410576.1
L5220.1	505220.8	5410578.0	18732.80078	434.58	0	48.848150	-86.928838	56825.11	56232.7	17.33	56842.44	56786.31641	56975.63101	56937.20313	505220.8	5410578.0
L5220.1	505220.8	5410579.7	18732.90039	435.27	0	48.848166	-86.928838	56825.30	56232.7	17.33	56842.63	56786.16016	56972.91339	56934.66797	505220.8	5410579.7
L5220.1	505220.8	5410581.2	18733.00000	435.01	0	48.848179	-86.928838	56825.24	56232.7	17.33	56842.57	56785.75391	56964.85487	56926.80859	505220.8	5410581.2
L5220.1	505220.8	5410581.2	18733.09961	435.43	0	48.848179	-86.928838	56825.14	56232.7	17.33	56842.47	56785.31250	56956.40605	56918.56641	505220.8	5410581.2
L5220.1	505220.8	5410583.0	18733.19922	433.02	0	48.848195	-86.928838	56825.56	56232.7	17.33	56842.88	56785.37891	56960.55665	56922.93359	505220.8	5410583.0
L5220.1	505220.8	5410584.6	18733.30078	433.90	0	48.848210	-86.928838	56825.24	56232.7	17.32	56842.57	56784.73047	56948.20619	56910.81250	505220.8	5410584.6
L5220.1	505220.8	5410586.5	18733.40039	434.03	0	48.848227	-86.928837	56825.27	56232.7	17.32	56842.59	56784.41016	56944.16644	56907.01172	505220.8	5410586.5
L5220.1	505220.8	5410586.5	18733.50000	432.49	0	48.848227	-86.928837	56825.29	56232.7	17.32	56842.61	56784.08984	56940.61741	56903.71094	505220.8	5410586.5
L5220.1	505220.8	5410587.8	18733.59961	432.59	0	48.848238	-86.928837	56825.20	56232.7	17.32	56842.51	56783.65234	56934.70443	56898.05469	505220.8	5410587.8
L5220.1	505220.8	5410589.7	18733.69922	430.55	0	48.848255	-86.928837	56825.30	56232.7	17.32	56842.61	56783.41406	56933.97669	56897.59375	505220.8	5410589.7
L5220.1	505220.8	5410589.7	18733.80078	430.89	0	48.848255	-86.928837	56824.86	56232.7	17.31	56842.17	56782.64063	56920.91843	56884.80859	505220.8	5410589.7
L5220.1	505220.8	5410591.3	18733.90039	430.14	0	48.848270	-86.928837	56824.61	56232.7	17.31	56841.92	56782.05469	56912.77315	56876.94922	505220.8	5410591.3
L5220.1	505220.8	5410592.9	18734.00000	430.24	0	48.848284	-86.928837	56824.52	56232.7	17.31	56841.83	56781.63281	56908.81325	56873.27734	505220.8	5410592.9
L5220.1	505220.8	5410594.5	18734.09961	432.74	0	48.848298	-86.928837	56824.45	56232.7	17.31	56841.75	56781.21875	56905.47345	56870.23828	505220.8	5410594.5
L5220.1	505220.8	5410595.7	18734.19922	432.01	0	48.848309	-86.928837	56824.36	56232.7	17.31	56841.67	56780.80859	56902.49876	56867.57031	505220.8	5410595.7
L5220.1	505220.8	5410595.7	18734.30078	429.83	0	48.848309	-86.928837	56823.75	56232.7	17.31	56841.06	56779.87109	56887.33822	56852.72266	505220.8	5410595.7
L5220.1	505220.8	5410597.0	18734.40039	430.32	0	48.848321	-86.928837	56823.52	56232.7	17.31	56840.83	56779.31250	56881.49093	56847.19531	505220.8	5410597.0
L5220.1	505220.8	5410598.3	18734.50000	429.28	0	48.848332	-86.928837	56823.47	56232.7	17.31	56840.78	56778.93359	56880.20900	56846.23828	505220.8	5410598.3
L5220.1	505220.9	5410599.9	18734.59961	429.46	0	48.848347	-86.928837	56823.18	56232.7	17.31	56840.49	56778.32031	56873.54245	56839.90625	505220.9	5410599.9

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5220.1	505220.9	5410599.9	18734.69922	431.11	0	48.848347	-86.928837	56822.77	56232.7	17.31	56840.08	56777.58594	56864.31012	56831.01172	505220.9	5410599.9
L5220.1	505220.9	5410601.6	18734.80078	430.61	0	48.848363	-86.928836	56822.41	56232.7	17.31	56839.72	56776.90234	56856.51325	56823.55859	505220.9	5410601.6
L5220.1	505220.9	5410603.4	18734.90039	431.71	0	48.848378	-86.928836	56822.34	56232.7	17.31	56839.65	56776.51172	56855.80839	56823.20313	505220.9	5410603.4
L5220.1	505220.9	5410605.1	18735.00000	432.02	0	48.848394	-86.928836	56822.02	56232.7	17.31	56839.33	56775.87500	56849.40842	56817.15625	505220.9	5410605.1
L5220.1	505220.9	5410606.4	18735.09961	430.24	0	48.848405	-86.928835	56821.62	56232.7	17.31	56838.93	56775.15625	56841.31498	56809.41797	505220.9	5410606.4
L5220.1	505220.9	5410606.4	18735.19922	429.19	0	48.848405	-86.928835	56821.48	56232.7	17.31	56838.79	56774.69922	56839.54973	56808.01563	505220.9	5410606.4
L5220.1	505220.9	5410608.2	18735.30078	428.41	0	48.848422	-86.928835	56821.20	56232.7	17.32	56838.52	56774.11328	56834.87306	56803.70313	505220.9	5410608.2
L5220.1	505220.9	5410608.2	18735.40039	428.56	0	48.848422	-86.928835	56820.76	56232.7	17.32	56838.08	56773.35938	56826.32165	56795.52344	505220.9	5410608.2
L5220.1	505221.0	5410609.9	18735.50000	427.07	0	48.848437	-86.928835	56820.48	56232.7	17.32	56837.80	56772.76953	56821.68150	56791.25391	505221.0	5410609.9
L5220.1	505221.0	5410611.3	18735.59961	427.23	0	48.848450	-86.928835	56820.50	56232.7	17.32	56837.83	56772.48828	56824.48261	56794.42969	505221.0	5410611.3
L5220.1	505221.0	5410613.3	18735.69922	425.96	0	48.848468	-86.928834	56820.25	56232.7	17.32	56837.57	56771.91797	56820.52093	56790.84375	505221.0	5410613.3
L5220.1	505221.0	5410613.3	18735.80078	429.59	0	48.848468	-86.928834	56819.79	56232.7	17.33	56837.11	56771.15234	56811.90842	56782.61328	505221.0	5410613.3
L5220.1	505221.0	5410615.2	18735.90039	430.00	0	48.848485	-86.928834	56819.29	56232.7	17.33	56836.62	56770.35938	56802.64909	56773.73438	505221.0	5410615.2
L5220.1	505221.0	5410616.3	18736.00000	428.24	0	48.848494	-86.928834	56819.04	56232.7	17.33	56836.37	56769.80469	56799.11198	56770.57813	505221.0	5410616.3
L5220.1	505221.1	5410617.5	18736.09961	430.45	0	48.848505	-86.928834	56818.90	56232.7	17.33	56836.23	56769.36328	56798.20815	56770.05859	505221.1	5410617.5
L5220.1	505221.1	5410619.4	18736.19922	431.12	0	48.848523	-86.928833	56818.63	56232.7	17.33	56835.96	56768.79297	56794.24807	56766.48438	505221.1	5410619.4
L5220.1	505221.1	5410619.4	18736.30078	430.62	0	48.848523	-86.928833	56818.60	56232.7	17.32	56835.92	56768.45313	56795.73022	56768.35547	505221.1	5410619.4
L5220.1	505221.1	5410621.2	18736.40039	432.65	0	48.848538	-86.928833	56818.39	56232.7	17.32	56835.72	56767.95703	56793.41911	56766.42969	505221.1	5410621.2
L5220.1	505221.1	5410622.6	18736.50000	435.04	0	48.848551	-86.928833	56818.27	56232.7	17.32	56835.59	56767.53516	56792.74020	56766.14063	505221.1	5410622.6
L5220.1	505221.1	5410622.6	18736.59961	437.07	0	48.848551	-86.928833	56817.86	56232.7	17.32	56835.17	56766.82031	56785.16838	56758.95313	505221.1	5410622.6
L5220.1	505221.1	5410624.2	18736.69922	437.33	0	48.848565	-86.928833	56817.39	56232.7	17.32	56834.71	56766.07031	56776.60304	56750.77734	505221.1	5410624.2
L5220.1	505221.1	5410626.0	18736.80078	437.79	0	48.848582	-86.928833	56817.08	56232.7	17.31	56834.39	56765.46484	56771.28889	56745.85156	505221.1	5410626.0
L5220.1	505221.1	5410627.1	18736.90039	436.91	0	48.848592	-86.928833	56817.03	56232.7	17.31	56834.34	56765.12500	56772.28888	56747.23828	505221.1	5410627.1
L5220.1	505221.1	5410628.8	18737.00000	436.51	0	48.848607	-86.928832	56817.05	56232.7	17.31	56834.36	56764.86328	56774.86334	56750.19531	505221.1	5410628.8
L5220.1	505221.1	5410630.2	18737.09961	428.39	0	48.848619	-86.928832	56817.08	56232.7	17.31	56834.39	56764.60938	56777.58357	56753.30078	505221.1	5410630.2
L5220.1	505221.1	5410630.2	18737.19922	427.37	0	48.848619	-86.928832	56817.06	56232.7	17.31	56834.37	56764.30859	56779.02143	56755.12109	505221.1	5410630.2
L5220.1	505221.2	5410631.4	18737.30078	433.98	0	48.848630	-86.928832	56816.90	56232.7	17.31	56834.22	56763.87891	56777.27641	56753.76172	505221.2	5410631.4
L5220.1	505221.2	5410632.8	18737.40039	433.24	0	48.848643	-86.928832	56816.72	56232.7	17.31	56834.04	56763.42188	56774.70482	56751.57031	505221.2	5410632.8
L5220.1	505221.2	5410632.8	18737.50000	433.84	0	48.848643	-86.928832	56816.89	56232.7	17.31	56834.21	56763.32031	56780.28437	56757.53125	505221.2	5410632.8
L5220.1	505221.2	5410634.6	18737.59961	434.22	0	48.848659	-86.928832	56816.59	56232.7	17.32	56833.91	56762.74609	56774.61824	56752.23828	505221.2	5410634.6
L5220.1	505221.2	5410636.2	18737.69922	434.13	0	48.848674	-86.928832	56816.59	56232.7	17.32	56833.91	56762.47656	56775.90717	56753.90234	505221.2	5410636.2
L5220.1	505221.2	5410637.8	18737.80078	433.90	0	48.848688	-86.928832	56816.54	56232.7	17.32	56833.86	56762.16016	56775.86903	56754.23828	505221.2	5410637.8
L5220.1	505221.2	5410637.8	18737.90039	433.25	0	48.848688	-86.928832	56816.48	56232.7	17.32	56833.80	56761.83203	56775.44411	56754.18750	505221.2	5410637.8
L5220.1	505221.2	5410639.6	18738.00000	423.25	0	48.848704	-86.928832	56816.49	56232.7	17.32	56833.81	56761.57813	56776.51912	56755.62891	505221.2	5410639.6
L5220.1	505221.2	5410641.2	18738.09961	422.53	0	48.848718	-86.928832	56816.77	56232.7	17.32	56834.09	56761.59766	56783.81878	56763.29688	505221.2	5410641.2
L5220.1	505221.2	5410642.6	18738.19922	421.68	0	48.848731	-86.928832	56816.87	56232.7	17.32	56834.18	56761.42969	56786.46206	56766.30078	505221.2	5410642.6
L5220.1	505221.2	5410642.6	18738.30078	423.28	0	48.848731	-86.928832	56816.77	56232.7	17.32	56834.09	56761.08203	56784.68200	56764.88281	505221.2	5410642.6
L5220.1	505221.2	5410643.7	18738.40039	426.20	0	48.848741	-86.928832	56816.93	56232.7	17.32	56834.24	56760.97656	56788.40699	56768.96484	505221.2	5410643.7
L5220.1	505221.2	5410645.7	18738.50000	425.99	0	48.848759	-86.928832	56816.90	56232.7	17.32	56834.22	56760.70703	56787.93980	56768.85547	505221.2	5410645.7
L5220.1	505221.2	5410645.7	18738.59961	427.60	0	48.848759	-86.928832	56816.82	56232.7	17.31	56834.14	56760.37500	56785.87956	56767.14453	505221.2	5410645.7
L5220.1	505221.2	5410646.8	18738.69922	426.93	0	48.848769	-86.928832	56817.02	56232.7	17.31	56834.34	56760.32813	56790.26445	56771.87891	505221.2	5410646.8
L5220.1	505221.2	5410646.8	18738.80078	427.98	0	48.848769	-86.928832	56817.29	56232.7	17.31	56834.60	56760.34375	56795.89137	56777.85156	505221.2	5410646.8
L5220.1	505221.2	5410648.1	18738.90039	426.82	0	48.848781	-86.928832	56817.44	56232.7	17.31	56834.75	56760.25000	56798.73998	56781.04297	505221.2	5410648.1
L5220.1	505221.2	5410649.6	18739.00000	426.36	0	48.848794	-86.928832	56817.62	56232.7	17.31	56834.93	56760.19141	56802.12060	56784.76563	505221.2	5410649.6
L5220.1	505221.2	5410650.8	18739.09961	425.61	0	48.848805	-86.928832	56817.96	56232.7	17.31	56835.27	56760.29297	56809.10751	56792.08594	505221.2	5410650.8
L5220.1	505221.2	5410652.3	18739.19922	426.41	0	48.848818	-86.928832	56818.04	56232.7	17.31	56835.35	56760.13672	56809.77011	56793.08203	505221.2	5410652.3
L5220.1	505221.2	5410652.3	18739.30078	425.90	0	48.848818	-86.928832	56818.29	56232.7	17.31	56835.60	56760.15234	56814.27725	56797.91797	505221.2	5410652.3
L5220.1	505221.2	5410653.8	18739.40039	426.39	0	48.848832	-86.928831	56818.29	56232.7	17.31	56835.60	56759.92188	56812.69908	56796.66797	505221.2	5410653.8
L5220.1	505221.2	5410655.0	18739.50000	426.20	0	48.848842	-86.928831	56818.63	56232.7	17.31	56835.94	56760.03125	56818.98850	56803.28125	505221.2	5410655.0
L5220.1	505221.2	5410655.0	18739.59961	424.21	0	48.848842	-86.928831	56818.88	56232.7	17.31	56836.19	56760.05859	56822.97990	56807.59375	505221.2	5410655.0
L5220.1	505221.2	5410656.6	18739.69922	425.21	0	48.848857	-86.928831	56819.25	56232.7	17.31	56836.56	56760.20313	56829.64135	56814.57031	505221.2	5410656.6
L5220.1	505221.2	5410657.7	18739.80078	423.44	0	48.848867	-86.928831	56819.61	56232.7	17.31	56836.92	56760.34375	56835.90161	56821.14453	505221.2	5410657.7
L5220.1	505221.2	5410657.7	18739.90039	424.33	0	48.848867	-86.928831	56819.94	56232.7	17.31	56837.25	56760.45313	56841.29078	56826.84375	505221.2	5410657.7
L5220.1	505221.2	5410658.9	18740.00000	423.85	0	48.848877	-86.928831	56820.04	56232.7	17.31	56837.35	56760.33594	56841.08293	56826.94141	505221.2	5410658.9
L5220.1	505221.2	5410660.4	18740.09961	422.64	0	48.848891	-86.928831	56820.02	56232.7	17.31	56837.33	56760.10156	56837.88260	56824.04688	505221.2	5410660.4
L5220.1	505221.2	5410660.4	18740.19922	421.60	0	48.848891	-86.928831	56820.38	56232.7	17.31	56837.69	56760.25000	56843.51647	56829.98047	505221.2	5410660.4
L5220.1	505221.2	5410661.4	18740.30078	428.53	0	48.848900	-86.928832	56820.38	56232.7	17.31	56837.69	56760.04297	56840.49047	56827.25000	505221.2	5410661.4
L5220.1	505221.2	5410662.7	18740.40039	429.49	0	48.848912	-86.928832	56820.74	56232.7	17.31	56838.05	56760.19531	56845.83373	56832.88672	505221.2	5410662.7
L5220.1	505221.2	5410662.7	18740.50000	430.48	0	48.848912	-86.928832	56820.77	56232.7	17.31	56838.08	56760.01953	56843.23484	56830.58203	505221.2	5410662.7
L5220.1	505221.2	5410664.1	18740.59961	432.08	0	48.848925	-86.928832	56821.40	56232.7	17.32	56838.72	56760.46094	56854.92531	56842.55859	505221.2	5410664.1
L5220.1	505221.1	5410665.2	18740.69922	431.14	0	48.848934	-86.928832	56821.64	56232.7	17.32	56838.96	56760.50000	56857.02729	56844.94531	505221.1	5410665.2
L5220.1	505221.1	5410665.2	18740.80078	431.45	0	48.848934	-86.928832	56822.10	56232.7	17.32	56839.42	56760.76172	56864.20586	56852.40625	505221.1	5410665.2
L5220.1	505221.1	5410666.4	18740.90039	432.69	0	48.848946	-86.928832	56822.44	56232.7	17.32	56839.76	56760.91016	56868.42608	56856.90625	505221.1	5410666.4
L5220.1	505221.1	5410667.7	18741.00000	435.98	0	48.848957	-86.928832	56822.41	56232.7	17.32	56839.73	56760.68750	56863.78124	56852.53906	505221.1	5410667.7
L5220.1	505221.1	5410667.7	18741.09961	447.86	0	48.848957	-86.928832	56822.80	56232.7	17.32	56840.12	56760.88672	56868.95642	56857.98828	505221.1	5410667.7
L5220.1	505221.1	5410668.9	18741.19922	448.39	0	48.848967	-86.928832	56822.72	56232.7	17.32	56840.04	56760.62109	56862.91157	56852.21094	505221.1	5410668.9
L5220.1	505221.1	5410670.1	18741.30078	447.92	0	48.848979	-86.928832	56823.08	56232.7	17.32	56840.39	56760.78516	56866.93288	56856.50391	505221.1	5410670.1
L5220.1	505221.1	5410670.1	18741.40039	448.57	0	48.848979	-86.928832	56822.90	56232.7	17.32	56840.21	56760.42188	56858.32511	56848.16016	505221.1	5410670.1
L5220.1	505221.1	5410671.2	18741.50000	446.38	0	48.848988	-86.928832	56823.72	56232.7	17.32	56841.04	56761.07422	56873.50779	56863.60938	505221.1	5410671.2
L5220.1	505221.1	5410672.3	18741.59961	443.70	0	48.848998	-86.928832	56823.77	56232.7	17.31	56841.09	56760.94531	56870.15954	56860.51953	505221.1	5410672.3
L5220.1	505221.1	5410673.5	18741.69922	443.17	0	48.849009	-86.928833	56824.45	56232.7	17.31	56841.76	56761.43750	56881.38937	56872.00781	505221.1	5410673.5
L5220.1	505221.1	5410673.5	18741.80078	437.95	0	48.849009	-86.928833	56824.42	56232.7	17.31	56841.73	56761.23438	56875.98936	56866.86328	505221.1	5410673.5
L5220.1	505221.1	5410674.4	18741.90039	434.00	0	48.849017	-86.928833	56824.89	56232.7	17.31	56842.20	56761.53516	56882.33921	56873.46875	505221.1	5410674.4
L5220.1	505221.1	5410675.4	18742.00000	435.05	0	48.849026	-86.928833	56825.02	56232.7	17.31	56842.33	56761.49609	56880.58087	56871.96484	505221.1	5410675.4
L5220.1	505221.1	5410675.4	18742.09961	436.59	0	48.849026	-86.928833	56824.75	56232.7	17.31	56842.06	56761.06250	56869.30001	56860.93359	505221.1	5410675.4
L5220.1	505221.1	5410676.6	18742.19922	437.06	0	48.849037	-86.928833	56825.45	56232.7	17.31	56842.76	56761.59766	56880.89581	56872.77734	505221.1	5410676.6
L5220.1	505221.0	5410677.5	18742.30078	438.25	0	48.849045	-86.928833	56825.35	56232.7	17.31	56842.66	56761.33594	56873.51920	56865.64844	505221.0	5410677.5
L5220.1	505221.0	5410678.3	18742.40039	437.40	0	48.849053	-86.928833	56825.86	56232.7	17.31	56843.17	56761.68359	56880.51495	56872.88672	505221.0	5410678.3
L5220.1	505221.0	5410679.1	18742.50000	437.45	0	48.849059	-86.928833	56825.58	56232.7	17.31	56842.89	56761.24609	56868.78269	56861.39844	505221.0	5410679.1
L5220.1	505221.0	5410679.1	18742.59961	436.76	0	48.849059	-86.928833	56826.12	56232.7	17.31	56843.43	56761.63281	56876.39608	56869.25391	505221.0	5410679.1
L5220.1	505221.0	5410679.9	18742.69922	438.01	0	48.849067	-86.928833	56826.10	56232.7	17.31	56843.41	56761.45703	56870.72735	56863.82422	505221.0	5410679.9
L5220.1	505221.0	5410679.9	18742.80078	439.72	0	48.849067	-86.928833	56826.53	56232.7	17.31	56843.84	56761.73828	56875.66229	56869.00000	505221.0	5410679.9
L5220.1	505221.0	5410680.9	18742.90039	441.78	0	48.849076	-86.928833	56826.38	56232.7	17.31	56843.69	56761.43750	56866.84886	56860.42188	505221.0	5410680.9
L5220.1	505221.0	5410681.8	18743.00000	443.61	0	48.849084	-86.928833	56826.64	56232.7	17.31	56843.95	56761.55078	56867.69958	56861.51172	505221.0	5410681.8
L5220.1	505221.0	5410681.8	18743.09961	445.02	0	48.849084	-86.928833	56827.02	56232.7	17.31	56844.33	56761.78516	56871.36002	56865.40625	505221.0	5410681.8
L5220.1	505221.0	5410683.5	18743.19922	445.77	0	48.849099	-86.928834	56827.18	56232.7	17.31	56844.49	56761.80078	56869.79325	56864.07031	505221.0	5410683.5
L5220.1	505221.0	5410683.5	18743.30078	445.72	0	48.849099	-86.928834	56827.64	56232.7	17.31	56844.95	56762.12109	56875.29766	56869.80859	505221.0	5410683.5
L5220.1	505221.0	5410684.4	18743.40039	442.34	0	48.849107	-86.928833	56827.59	56232.7	17.31	56844.90	56761.92969	56868.72237	56863.46484	505221.0	5410684.4
L5220.1	505221.0	5410685.1	18743.50000	442.16	0	48.849114	-86.928833	56827.89	56232.7	17.31	56845.20	56762.09375	56870.40497	56865.37891	505221.0	5410685.1
L5220.1	505221.0	5410685.1	18743.59961	437.64	0	48.849114	-86.928833	56828.11	56232.7	17.31	56845.42	56762.17578	56870.17962	56865.38281	505221.0	5410685.1
L5220.1	505221.0	5410686.0	18743.69922	439.07	0	48.849121	-86.928833	56828.41	56232.7	17.31	56845.72	56762.34375	56871.83140	56867.26172	505221.0	5410686.0
L5220.1	505221.0	5410686.0	18743.80078	438.37	0	48.849121	-86.928833	56828.36	56232.7	17.31	56845.67	56762.16016	56865.19407	56860.85156	505221.0	5410686.0
L5220.1	505221.0	5410686.6	18743.90039	438.02	0	48.849127	-86.928833	56828.59	56232.7	17.31	56845.90	56762.25781	56865.16588	56861.05078	505221.0	5410686.6

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5220.1	505221.0	5410687.4	18744.00000	437.49	0	48.849134	-86.928833	56828.77	56232.7	17.31	56846.08	56762.30859	56863.94480	56860.05859	505221.0	5410687.4
L5220.1	505221.0	5410688.1	18744.09961	439.85	0	48.849140	-86.928833	56828.62	56232.7	17.31	56845.93	56762.03125	56854.91090	56851.25000	505221.0	5410688.1
L5220.1	505221.0	5410688.1	18744.19922	439.16	0	48.849140	-86.928833	56829.26	56232.7	17.31	56846.56	56762.53516	56864.31188	56860.87500	505221.0	5410688.1
L5220.1	505221.0	5410688.7	18744.30078	439.99	0	48.849146	-86.928833	56829.44	56232.7	17.30	56846.74	56762.58984	56863.06383	56859.85156	505221.0	5410688.7
L5220.1	505221.0	5410689.3	18744.40039	440.67	0	48.849152	-86.928834	56829.57	56232.7	17.30	56846.87	56762.59766	56860.62547	56857.63672	505221.0	5410689.3
L5220.1	505221.0	5410689.3	18744.50000	442.10	0	48.849152	-86.928834	56829.46	56232.7	17.30	56846.76	56762.36719	56852.50426	56849.74219	505221.0	5410689.3
L5220.1	505221.0	5410690.0	18744.59961	441.85	0	48.849158	-86.928834	56829.81	56232.7	17.30	56847.11	56762.59375	56855.25235	56852.71484	505221.0	5410690.0
L5220.1	505221.0	5410690.9	18744.69922	441.21	0	48.849166	-86.928834	56829.46	56232.7	17.30	56846.76	56762.12500	56841.44034	56839.12500	505221.0	5410690.9
L5220.1	505221.0	5410690.9	18744.80078	443.77	0	48.849166	-86.928834	56829.75	56232.7	17.29	56847.04	56762.28906	56842.51695	56840.42188	505221.0	5410690.9
L5220.1	505220.9	5410691.4	18744.90039	445.80	0	48.849170	-86.928834	56829.98	56232.7	17.29	56847.27	56762.39844	56842.40250	56840.53125	505220.9	5410691.4
L5220.1	505220.9	5410691.4	18745.00000	445.54	0	48.849170	-86.928834	56830.12	56232.7	17.29	56847.41	56762.42578	56840.15052	56838.50000	505220.9	5410691.4
L5220.1	505220.9	5410692.6	18745.09961	445.89	0	48.849181	-86.928834	56830.18	56232.7	17.29	56847.47	56762.37109	56835.99668	56834.57031	505220.9	5410692.6
L5220.1	505220.9	5410692.6	18745.19922	442.90	0	48.849181	-86.928834	56830.22	56232.7	17.29	56847.51	56762.29688	56831.35885	56830.15234	505220.9	5410692.6
L5220.1	505220.9	5410693.1	18745.30078	440.75	0	48.849185	-86.928834	56830.70	56232.7	17.29	56847.99	56762.66406	56837.11311	56836.12891	505220.9	5410693.1
L5220.1	505220.9	5410693.8	18745.40039	437.89	0	48.849192	-86.928834	56830.76	56232.7	17.29	56848.04	56762.60156	56832.68635	56831.92188	505220.9	5410693.8
L5220.1	505220.9	5410693.8	18745.50000	435.10	0	48.849192	-86.928834	56830.78	56232.7	17.29	56848.07	56762.51953	56827.77213	56827.23047	505220.9	5410693.8
L5220.1	505220.9	5410694.2	18745.59961	433.68	0	48.849195	-86.928834	56830.90	56232.7	17.28	56848.19	56762.52734	56824.97013	56824.64844	505220.9	5410694.2
L5220.1	505220.9	5410694.6	18745.69922	436.35	0	48.849199	-86.928834	56831.35	56232.7	17.28	56848.63	56762.85938	56829.71745	56829.61719	505220.9	5410694.6
L5220.1	505220.9	5410695.0	18745.80078	441.13	0	48.849202	-86.928834	56831.22	56232.7	17.28	56848.50	56762.62109	56820.96766	56821.08594	505220.9	5410695.0
L5220.1	505220.9	5410695.0	18745.90039	438.11	0	48.849202	-86.928834	56831.27	56232.7	17.28	56848.55	56762.56250	56816.45357	56816.79297	505220.9	5410695.0
L5220.1	505220.9	5410695.4	18746.00000	434.72	0	48.849206	-86.928834	56831.45	56232.7	17.28	56848.73	56762.63281	56814.99119	56815.55078	505220.9	5410695.4
L5220.1	505221.0	5410695.8	18746.09961	440.44	0	48.849210	-86.928834	56831.42	56232.7	17.28	56848.70	56762.49609	56808.53915	56809.32031	505221.0	5410695.8
L5220.1	505221.0	5410695.8	18746.19922	432.67	0	48.849210	-86.928834	56831.76	56232.7	17.28	56849.04	56762.73047	56810.81027	56811.81250	505221.0	5410695.8
L5220.1	505221.0	5410696.2	18746.30078	431.32	0	48.849213	-86.928834	56831.78	56232.7	17.28	56849.06	56762.64063	56805.48703	56806.71094	505221.0	5410696.2
L5220.1	505221.0	5410696.6	18746.40039	442.73	0	48.849217	-86.928833	56832.22	56232.7	17.28	56849.50	56762.97656	56810.06550	56811.50781	505221.0	5410696.6
L5220.1	505221.0	5410696.8	18746.50000	442.30	0	48.849219	-86.928833	56832.20	56232.7	17.28	56849.47	56762.83984	56803.49894	56805.16016	505221.0	5410696.8
L5220.1	505221.0	5410696.8	18746.59961	444.86	0	48.849219	-86.928833	56832.43	56232.7	17.28	56849.71	56762.97266	56803.28338	56805.16797	505221.0	5410696.8
L5220.1	505221.0	5410697.1	18746.69922	431.09	0	48.849221	-86.928833	56832.56	56232.7	17.28	56849.84	56762.99609	56800.43147	56802.53516	505221.0	5410697.1
L5220.1	505221.0	5410697.4	18746.80078	432.10	0	48.849224	-86.928833	56832.79	56232.7	17.28	56850.07	56763.12109	56799.90692	56802.23047	505221.0	5410697.4
L5270.0	505271.8	5409684.3	13386.70020	342.53	50.96	48.840110	-86.928154	56333.19	56250.6	-0.62	56332.57	56368.84375	56589.81548	56311.29688	505271.8	5409684.3
L5270.0	505271.8	5409684.1	13386.79981	342.69	50.96	48.840108	-86.928154	56331.73	56250.6	-0.62	56331.12	56367.77344	56577.88334	56305.03125	505271.8	5409684.1
L5270.0	505271.8	5409684.0	13386.90039	341.56	52.99	48.840107	-86.928154	56330.22	56250.6	-0.62	56329.60	56366.62891	56565.61410	56298.42969	505271.8	5409684.0
L5270.0	505271.8	5409683.8	13387.00000	339.55	51.94	48.840106	-86.928154	56328.83	56250.6	-0.62	56328.21	56365.61719	56558.08860	56296.56250	505271.8	5409683.8
L5270.0	505271.8	5409683.6	13387.09961	340.32	51.94	48.840104	-86.928154	56327.42	56250.6	-0.62	56326.80	56364.58203	56551.53025	56295.66016	505271.8	5409683.6
L5270.0	505271.8	5409683.6	13387.20020	339.62	52.96	48.840104	-86.928154	56326.02	56250.6	-0.62	56325.40	56363.55469	56546.71340	56296.48828	505271.8	5409683.6
L5270.0	505271.8	5409683.3	13387.29981	338.53	52.96	48.840101	-86.928153	56324.64	56250.6	-0.61	56324.03	56362.55859	56544.15633	56299.56641	505271.8	5409683.3
L5270.0	505271.9	5409683.1	13387.40039	336.62	53.15	48.840100	-86.928153	56323.28	56250.6	-0.61	56322.67	56361.57031	56543.36225	56304.39453	505271.9	5409683.1
L5270.0	505271.9	5409682.9	13387.50000	335.04	53.15	48.840097	-86.928153	56321.83	56250.6	-0.61	56321.22	56360.48828	56541.80714	56308.44922	505271.9	5409682.9
L5270.0	505271.9	5409682.7	13387.59961	334.49	53.03	48.840095	-86.928153	56320.23	56250.6	-0.61	56319.62	56359.25391	56537.91420	56310.14844	505271.9	5409682.7
L5270.0	505271.9	5409682.7	13387.70020	335.00	53.03	48.840095	-86.928153	56318.66	56250.6	-0.61	56318.06	56358.05859	56534.92471	56312.73047	505271.9	5409682.7
L5270.0	505271.9	5409682.4	13387.79981	334.34	53.42	48.840093	-86.928153	56316.83	56250.6	-0.60	56316.23	56356.58594	56527.00155	56310.35938	505271.9	5409682.4
L5270.0	505271.9	5409682.2	13387.90039	333.90	53.33	48.840091	-86.928153	56314.91	56250.6	-0.60	56314.31	56355.02344	56518.68452	56307.57422	505271.9	5409682.2
L5270.0	505271.9	5409681.9	13388.00000	335.10	53.33	48.840089	-86.928153	56312.82	56250.6	-0.60	56312.22	56353.28516	56507.95699	56302.35156	505271.9	5409681.9
L5270.0	505271.9	5409681.6	13388.09961	336.19	52.76	48.840086	-86.928152	56310.71	56250.6	-0.60	56310.11	56351.52344	56498.49777	56298.37109	505271.9	5409681.6
L5270.0	505271.9	5409681.2	13388.20020	338.84	52.56	48.840083	-86.928152	56308.36	56250.6	-0.60	56307.76	56349.51953	56484.81956	56290.14063	505271.9	5409681.2
L5270.0	505272.0	5409680.9	13388.29981	339.13	52.56	48.840079	-86.928152	56306.04	56250.6	-0.60	56305.44	56347.53906	56473.51552	56284.25391	505272.0	5409680.9
L5270.0	505272.0	5409680.9	13388.40039	337.20	52.28	48.840079	-86.928152	56303.58	56250.6	-0.60	56302.98	56345.41406	56460.30194	56276.42969	505272.0	5409680.9
L5270.0	505272.0	5409680.6	13388.50000	337.26	52.28	48.840076	-86.928152	56301.19	56250.6	-0.60	56300.59	56343.35156	56450.29106	56271.76953	505272.0	5409680.6
L5270.0	505272.0	5409680.2	13388.50000	337.26	52.75	48.840073	-86.928151	56298.61	56250.6	-0.60	56298.01	56341.09766	56436.95223	56263.75000	505272.0	5409680.2
L5270.0	505272.0	5409679.7	13388.70020	334.20	52.75	48.840069	-86.928151	56296.14	56250.6	-0.60	56295.54	56338.94531	56427.65695	56259.73047	505272.0	5409679.7
L5270.0	505272.0	5409679.7	13388.79981	335.97	46.11	48.840069	-86.928151	56293.50	56250.6	-0.60	56292.90	56336.61719	56415.34069	56252.65234	505272.0	5409679.7
L5270.0	505272.0	5409679.3	13388.90039	336.57	46.11	48.840065	-86.928151	56290.85	56250.6	-0.60	56290.25	56334.27344	56403.91995	56246.42969	505272.0	5409679.3
L5270.0	505272.1	5409678.9	13389.00000	335.68	46.98	48.840062	-86.928151	56288.20	56250.6	-0.60	56287.60	56331.92188	56393.21780	56240.88281	505272.1	5409678.9
L5270.0	505272.1	5409678.4	13389.09961	336.14	48.52	48.840057	-86.928150	56285.49	56250.6	-0.60	56284.88	56329.49219	56381.65737	56234.42969	505272.1	5409678.4
L5270.0	505272.1	5409678.0	13389.20020	338.65	48.52	48.840053	-86.928150	56282.71	56250.6	-0.61	56282.10	56327.00000	56369.63998	56227.47656	505272.1	5409678.0
L5270.0	505272.1	5409678.0	13389.29981	338.55	43.89	48.840053	-86.928150	56279.95	56250.6	-0.61	56279.34	56324.51563	56359.13032	56221.98047	505272.1	5409678.0
L5270.0	505272.1	5409677.4	13389.40039	338.95	47.26	48.840048	-86.928150	56277.12	56250.6	-0.62	56276.50	56321.94922	56347.53605	56215.35156	505272.1	5409677.4
L5270.0	505272.1	5409676.9	13389.50000	340.05	47.26	48.840044	-86.928150	56274.26	56250.6	-0.63	56273.63	56319.33984	56336.05668	56208.78906	505272.1	5409676.9
L5270.0	505272.1	5409676.9	13389.59961	339.52	47.26	48.840044	-86.928150	56271.38	56250.6	-0.63	56270.75	56316.71484	56325.12984	56202.72266	505272.1	5409676.9
L5270.0	505272.1	5409676.3	13389.70020	340.08	54.05	48.840038	-86.928150	56268.43	56250.6	-0.64	56267.80	56314.01172	56313.16647	56195.56641	505272.1	5409676.3
L5270.0	505272.1	5409675.9	13389.79981	341.55	54.09	48.840034	-86.928149	56265.54	56250.6	-0.64	56264.90	56311.35156	56303.12880	56190.28125	505272.1	5409675.9
L5270.0	505272.2	5409675.4	13389.90039	339.03	54.09	48.840030	-86.928149	56262.55	56250.6	-0.65	56261.90	56308.58203	56291.14591	56182.99609	505272.2	5409675.4
L5270.0	505272.2	5409674.9	13390.00000	339.14	54.05	48.840026	-86.928149	56259.62	56250.7	-0.65	56258.97	56305.87500	56281.44035	56177.92578	505272.2	5409674.9
L5270.0	505272.2	5409674.4	13390.09961	340.57	53.93	48.840021	-86.928149	56256.61	56250.6	-0.65	56255.96	56303.07813	56270.13701	56171.20313	505272.2	5409674.4
L5270.0	505272.2	5409674.0	13390.20020	338.91	53.93	48.840017	-86.928149	56253.64	56250.6	-0.64	56253.00	56300.32422	56260.44267	56166.02344	505272.2	5409674.0
L5270.0	505272.2	5409673.5	13390.29981	338.07	54.03	48.840013	-86.928148	56250.62	56250.6	-0.64	56249.98	56297.50000	56249.49079	56159.52734	505272.2	5409673.5
L5270.0	505272.2	5409673.0	13390.40039	339.38	53.72	48.840008	-86.928148	56247.65	56250.6	-0.63	56247.01	56294.71484	56239.97924	56154.41016	505272.2	5409673.0
L5270.0	505272.2	5409672.5	13390.50000	338.42	53.72	48.840004	-86.928148	56244.64	56250.6	-0.63	56244.01	56291.89453	56229.79793	56148.55859	505272.2	5409672.5
L5270.0	505272.3	5409672.0	13390.50000	338.42	35.81	48.839999	-86.928148	56241.62	56250.6	-0.63	56240.99	56289.04297	56219.11281	56142.14063	505272.3	5409672.0
L5270.0	505272.3	5409671.2	13390.70020	339.78	35.81	48.839993	-86.928148	56238.59	56250.6	-0.62	56237.96	56286.17188	56208.08916	56135.31641	505272.3	5409671.2
L5270.0	505272.3	5409671.2	13390.79981	339.55	31.67	48.839993	-86.928148	56235.67	56250.6	-0.62	56235.05	56283.41016	56199.92771	56131.28516	505272.3	5409671.2
L5270.0	505272.3	5409670.7	13390.90039	336.24	32	48.839988	-86.928147	56232.64	56250.6	-0.61	56232.02	56280.51953	56188.46841	56123.89063	505272.3	5409670.7
L5270.0	505272.3	5409669.9	13391.00000	336.84	32	48.839981	-86.928147	56229.64	56250.6	-0.61	56229.03	56277.66016	56177.67088	56117.08984	505272.3	5409669.9
L5270.0	505272.3	5409669.4	13391.09961	337.64	33.3	48.839976	-86.928147	56226.69	56250.6	-0.61	56226.08	56274.82813	56167.44723	56110.79688	505272.3	5409669.4
L5270.0	505272.3	5409668.7	13391.20020	337.77	33.3	48.839970	-86.928147	56223.70	56250.6	-0.60	56223.10	56271.96094	56155.93922	56103.14453	505272.3	5409668.7
L5270.0	505272.3	5409668.7	13391.29981	339.23	35.62	48.839970	-86.928147	56220.81	56250.6	-0.60	56220.20	56269.16016	56145.84323	56096.83594	505272.3	5409668.7
L5270.0	505272.3	5409667.9	13391.40039	339.36	37.47	48.839963	-86.928147	56217.84	56250.6	-0.60	56217.24	56266.29297	56133.53200	56088.24219	505272.3	5409667.9
L5270.0	505272.4	5409667.1	13391.50000	339.94	37.47	48.839955	-86.928146	56214.95	56250.6	-0.60	56214.35	56263.48438	56122.21028	56080.56641	505272.4	5409667.1
L5270.0	505272.4	5409667.1	13391.59961	337.23	39.62	48.839955	-86.928146	56212.06	56250.6	-0.59	56211.47	56260.67578	56110.27759	56072.20313	505272.4	5409667.1
L5270.0	505272.4	5409666.3	13391.70020	336.59	40.66	48.839948	-86.928146	56209.23	56250.6	-0.59	56208.64	56257.90625	56098.75179	56064.17969	505272.4	5409666.3
L5270.0	505272.4	5409665.5	13391.79981	336.04	40.66	48.839941	-86.928146	56206.44	56250.6	-0.59	56205.85	56255.16797	56087.26811	56056.12109	505272.4	5409665.5
L5270.0	505272.4	5409664.8	13391.90039	336.68	44.93	48.839934	-86.928146	56203.74	56250.6	-0.58	56203.16	56252.51953	56077.16935	56049.37500	505272.4	5409664.8
L5270.0	505272.4	5409664.8	13392.00000	338.03	44.91	48.839934	-86.928146	56201.02	56250.6	-0.58	56200.44	56249.83203	56065.08318	56040.57031	505272.4	5409664.8
L5270.0	505272.4	5409663.9	13392.09961	337.32	51.72	48.839926	-86.928146	56198.39	56250.6	-0.58	56197.81	56247.22656	56053.94988	56032.64453	505272.4	5409663.9
L5270.0	505272.4	5409662.8	13392.20020	335.86	55.46	48.839917	-86.928146	56195.86	56250.6	-0.59	56195.27	56244.69922	56043.68393	56025.51172	505272.4	5409662.8
L5270.0	505272.4	5409662.2	13392.29981	335.83	55.46	48.839911	-86.928145	56193.36	56250.6	-0.59	56192.77	56242.19922	56032.99164	56017.87891	505272.4	5409662.2
L5270.0	505272.5	5409661.3	13392.40039	335.21	55.49	48.839903	-86.928145	56190.94	56250.6	-0.59	56190.35	56239.77344	56023.07373	56010.94531	505272.5	5409661.3
L5270.0	505272.5	5409661.3	13392.50000	336.58	55.43	48.839903	-86.928145	56188.56	56250.6	-0.60	56187.97	56237.37891	56012.66718	56003.44922	505272.5	5409661.3
L5270.0	505272.5	5409660.5	13392.50000	336.58	55.43	48.839896	-86.928145	56186.32	56250.6	-0.60	56185.72	56235.10547	56003.99357	55997.60938	505272.5	5409660.5
L5270.0	505272.5	5409659.5	13392.70020	338.05	55.44	48.839887	-86.928145	56184.12	56250.6	-0.60	56183.52	56232.86719	55994.97732	55991.35547	505272.5	5409659.5
L5270.0	505272.5	5409659.5	13392.79981	338.03	43.53	48.839887	-86.928145	56182.04	56250.6	-0.60	56181.43	56230.73438	55987.08852	55986.15234	505272.5	5409659.5
L5270.0	505272.5	5409658.5	13392.90039	337.43	44.07	48.839878	-86.928145	56179.96	56250.6	-0.61	56179.35	56228.60156	55977.75334	55979.43359	505272.5	5409658.5
L5270.0	505272.5	5409657.7	13393.00000	338.04	44.07	48.839871	-86.928145	56177.99	56250.6	-0.61	56177.38	56226.57031	55969.46177	55973.68359	505272.5	5409657.7

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5270.0	505272.5	5409656.8	13393.09961	338.38	47.83	48.839863	-86.928145	56176.12	56250.6	-0.61	56175.51	56224.62891	55961.92502	55968.61328	505272.5	5409656.8
L5270.0	505272.5	5409655.8	13393.20020	339.30	46.97	48.839853	-86.928145	56174.38	56250.6	-0.61	56173.77	56222.81250	55955.87044	55964.94922	505272.5	5409655.8
L5270.0	505272.5	5409655.8	13393.29981	340.64	46.97	48.839853	-86.928145	56172.66	56250.6	-0.60	56172.06	56221.01172	55948.74073	55960.14063	505272.5	5409655.8
L5270.0	505272.5	5409654.6	13393.40039	340.56	46.83	48.839842	-86.928145	56171.14	56250.6	-0.60	56170.54	56219.39453	55944.56061	55958.21094	505272.5	5409654.6
L5270.0	505272.5	5409653.6	13393.50000	341.09	46.69	48.839834	-86.928145	56169.68	56250.6	-0.60	56169.08	56217.83203	55940.02240	55955.84766	505272.5	5409653.6
L5270.0	505272.5	5409653.6	13393.59961	340.53	46.69	48.839834	-86.928145	56168.33	56250.6	-0.60	56167.73	56216.37109	55936.37654	55954.30859	505272.5	5409653.6
L5270.0	505272.5	5409652.5	13393.70020	339.66	46.47	48.839824	-86.928145	56167.14	56250.6	-0.60	56166.54	56215.05859	55934.87776	55954.83984	505272.5	5409652.5
L5270.0	505272.5	5409651.3	13393.79981	340.49	46.47	48.839813	-86.928145	56166.06	56250.6	-0.59	56165.46	56213.84766	55934.25520	55956.17969	505272.5	5409651.3
L5270.0	505272.5	5409650.5	13393.90039	340.68	47.55	48.839806	-86.928145	56165.04	56250.6	-0.59	56164.45	56212.70313	55933.49523	55957.31641	505272.5	5409650.5
L5270.0	505272.5	5409649.7	13394.00000	340.32	43.84	48.839798	-86.928145	56164.14	56250.6	-0.59	56163.55	56211.66016	55933.61234	55959.25781	505272.5	5409649.7
L5270.0	505272.5	5409649.7	13394.09961	338.09	48.52	48.839798	-86.928145	56163.29	56250.6	-0.59	56162.70	56210.66016	55933.09526	55960.49609	505272.5	5409649.7
L5270.0	505272.5	5409648.7	13394.20020	339.74	46.67	48.839790	-86.928145	56162.54	56250.6	-0.59	56161.95	56209.75000	55933.21970	55962.30469	505272.5	5409648.7
L5270.0	505272.5	5409647.7	13394.29981	339.19	46.67	48.839781	-86.928145	56161.90	56250.6	-0.59	56161.31	56208.94531	55934.25334	55964.95703	505272.5	5409647.7
L5270.0	505272.5	5409646.8	13394.40039	337.50	46.99	48.839772	-86.928145	56161.40	56250.6	-0.59	56160.81	56208.27344	55936.97373	55969.23047	505272.5	5409646.8
L5270.0	505272.5	5409646.1	13394.50000	337.24	43.99	48.839766	-86.928145	56160.92	56250.6	-0.59	56160.33	56207.61719	55938.36734	55972.11328	505272.5	5409646.1
L5270.0	505272.5	5409645.1	13394.50000	337.24	43.99	48.839757	-86.928145	56160.58	56250.6	-0.59	56159.99	56207.09375	55941.49601	55976.66406	505272.5	5409645.1
L5270.0	505272.5	5409644.3	13394.59961	339.64	47.02	48.839750	-86.928146	56160.28	56250.6	-0.59	56159.69	56206.60156	55943.85930	55980.38672	505272.5	5409644.3
L5270.0	505272.4	5409643.3	13394.79981	340.10	47.02	48.839741	-86.928146	56160.11	56250.6	-0.59	56159.52	56206.23828	55947.76692	55985.58594	505272.4	5409643.3
L5270.0	505272.4	5409643.3	13394.90039	340.61	46.67	48.839741	-86.928146	56160.06	56250.6	-0.59	56159.47	56205.98438	55953.00187	55992.05469	505272.4	5409643.3
L5270.0	505272.4	5409642.3	13395.00000	339.49	46.6	48.839732	-86.928146	56159.98	56250.6	-0.59	56159.39	56205.69922	55955.80830	55996.03516	505272.4	5409642.3
L5270.0	505272.4	5409641.2	13395.09961	339.69	46.6	48.839723	-86.928146	56160.18	56250.6	-0.59	56159.59	56205.68750	55964.07077	56005.40625	505272.4	5409641.2
L5270.0	505272.4	5409640.4	13395.20020	337.69	46.3	48.839715	-86.928146	56160.31	56250.6	-0.60	56159.72	56205.59766	55968.97913	56011.36719	505272.4	5409640.4
L5270.0	505272.4	5409639.9	13395.29981	337.90	43.72	48.839710	-86.928146	56160.56	56250.6	-0.60	56159.96	56205.61719	55975.13421	56018.51172	505272.4	5409639.9
L5270.0	505272.4	5409639.0	13395.40039	338.62	43.72	48.839702	-86.928146	56160.89	56250.6	-0.60	56160.29	56205.71875	55982.07929	56026.39453	505272.4	5409639.0
L5270.0	505272.4	5409638.1	13395.50000	336.77	44.49	48.839695	-86.928147	56161.29	56250.6	-0.60	56160.68	56205.87891	55989.35596	56034.54688	505272.4	5409638.1
L5270.0	505272.4	5409637.1	13395.59961	334.82	44.93	48.839685	-86.928147	56161.73	56250.6	-0.61	56161.13	56206.09375	55997.19058	56043.20703	505272.4	5409637.1
L5270.0	505272.3	5409636.1	13395.70020	336.19	44.22	48.839676	-86.928147	56162.33	56250.6	-0.61	56161.72	56206.44531	56007.10513	56053.88672	505272.3	5409636.1
L5270.0	505272.3	5409635.4	13395.79981	335.01	44.03	48.839670	-86.928147	56162.86	56250.6	-0.61	56162.25	56206.73047	56014.13787	56061.63672	505272.3	5409635.4
L5270.0	505272.3	5409634.1	13395.90039	334.90	44.84	48.839659	-86.928148	56163.52	56250.6	-0.62	56162.91	56207.14453	56023.11437	56071.27344	505272.3	5409634.1
L5270.0	505272.3	5409632.9	13396.00000	336.15	44.84	48.839647	-86.928148	56164.20	56250.6	-0.62	56163.58	56207.56641	56031.10677	56079.87891	505272.3	5409632.9
L5270.0	505272.3	5409632.9	13396.09961	329.17	46.02	48.839647	-86.928148	56164.96	56250.6	-0.62	56164.34	56208.07422	56040.17681	56089.51172	505272.3	5409632.9
L5270.0	505272.3	5409631.8	13396.20020	329.16	46.02	48.839638	-86.928148	56165.78	56250.6	-0.61	56165.17	56208.64844	56049.89279	56099.73828	505272.3	5409631.8
L5270.0	505272.3	5409631.8	13396.29981	335.69	45.84	48.839638	-86.928148	56166.57	56250.6	-0.61	56165.97	56209.19141	56057.84999	56108.16016	505272.3	5409631.8
L5270.0	505272.3	5409630.2	13396.40039	336.57	45.74	48.839624	-86.928148	56167.50	56250.6	-0.60	56166.90	56209.85938	56068.07634	56118.80078	505272.3	5409630.2
L5270.0	505272.2	5409629.3	13396.50000	337.15	45.74	48.839616	-86.928149	56168.40	56250.6	-0.60	56167.81	56210.50781	56076.93194	56128.03125	505272.2	5409629.3
L5270.0	505272.2	5409628.4	13396.50000	337.15	43.82	48.839607	-86.928149	56169.36	56250.6	-0.60	56168.76	56211.19141	56085.97221	56137.39844	505272.2	5409628.4
L5270.0	505272.2	5409627.3	13396.70020	336.90	43.82	48.839597	-86.928149	56170.36	56250.6	-0.58	56169.77	56211.93750	56095.75896	56147.46875	505272.2	5409627.3
L5270.0	505272.2	5409626.2	13396.79981	338.88	44.46	48.839588	-86.928149	56171.39	56250.6	-0.58	56170.81	56212.70703	56105.61772	56157.56641	505272.2	5409626.2
L5270.0	505272.2	5409625.3	13396.90039	338.91	45.46	48.839579	-86.928150	56172.37	56250.6	-0.57	56171.79	56213.41797	56113.39635	56165.54688	505272.2	5409625.3
L5270.0	505272.2	5409625.3	13397.00000	337.23	46.09	48.839579	-86.928150	56173.39	56250.6	-0.57	56172.82	56214.17969	56121.86392	56174.17578	505272.2	5409625.3
L5270.0	505272.1	5409624.2	13397.09961	336.90	44.63	48.839569	-86.928150	56174.45	56250.6	-0.57	56173.87	56214.95703	56130.34003	56182.77344	505272.1	5409624.2
L5270.0	505272.1	5409623.1	13397.20020	337.19	44.63	48.839560	-86.928151	56175.63	56250.6	-0.57	56175.06	56215.87109	56141.82218	56194.33984	505272.1	5409623.1
L5270.0	505272.1	5409622.2	13397.29981	335.16	41.21	48.839551	-86.928151	56176.61	56250.6	-0.57	56176.04	56216.57813	56147.76995	56200.33594	505272.1	5409622.2
L5270.0	505272.1	5409620.9	13397.40039	335.60	43.53	48.839540	-86.928151	56177.75	56250.6	-0.57	56177.18	56217.44531	56157.30266	56209.87891	505272.1	5409620.9
L5270.0	505272.0	5409620.0	13397.50000	337.16	44.59	48.839531	-86.928152	56178.75	56250.6	-0.57	56178.18	56218.16797	56163.12370	56215.67969	505272.0	5409620.0
L5270.0	505272.0	5409618.9	13397.59961	338.17	44.59	48.839521	-86.928152	56179.89	56250.6	-0.58	56179.31	56219.02344	56171.87322	56224.37109	505272.0	5409618.9
L5270.0	505272.0	5409618.0	13397.70020	337.44	45.75	48.839513	-86.928152	56180.98	56250.6	-0.58	56180.40	56219.83984	56179.44359	56231.85547	505272.0	5409618.0
L5270.0	505272.0	5409618.0	13397.79981	335.94	44.71	48.839513	-86.928152	56182.06	56250.6	-0.58	56181.48	56220.64453	56186.61079	56238.90234	505272.0	5409618.0
L5270.0	505271.9	5409616.9	13397.90039	336.39	44.71	48.839503	-86.928153	56183.07	56250.6	-0.58	56182.49	56221.37891	56191.97005	56244.11328	505271.9	5409616.9
L5270.0	505271.9	5409615.4	13398.00000	334.61	43.63	48.839490	-86.928154	56184.18	56250.6	-0.58	56183.60	56222.21094	56199.66956	56251.63672	505271.9	5409615.4
L5270.0	505271.9	5409614.4	13398.09961	335.22	44.74	48.839481	-86.928154	56185.14	56250.6	-0.58	56184.56	56222.89844	56203.72857	56255.48828	505271.9	5409614.4
L5270.0	505271.8	5409613.5	13398.20020	333.43	44.74	48.839473	-86.928154	56186.20	56250.6	-0.58	56185.62	56223.68359	56210.20163	56261.73047	505271.8	5409613.5
L5270.0	505271.8	5409613.5	13398.29981	334.50	43.74	48.839473	-86.928154	56187.20	56250.6	-0.57	56186.63	56224.41797	56215.52645	56266.79688	505271.8	5409613.5
L5270.0	505271.8	5409612.4	13398.40039	333.78	43.73	48.839463	-86.928155	56188.16	56250.6	-0.57	56187.59	56225.10547	56219.74835	56270.73438	505271.8	5409612.4
L5270.0	505271.8	5409610.7	13398.50000	333.46	44.36	48.839448	-86.928155	56189.10	56250.6	-0.57	56188.53	56225.77344	56223.62064	56274.30469	505271.8	5409610.7
L5270.0	505271.7	5409609.7	13398.50000	333.46	45.93	48.839439	-86.928156	56190.12	56250.6	-0.57	56189.55	56226.51953	56229.54954	56279.90234	505271.7	5409609.7
L5270.0	505271.7	5409608.6	13398.70020	334.11	44.82	48.839429	-86.928156	56190.96	56250.6	-0.57	56190.40	56227.09766	56231.63107	56281.63281	505271.7	5409608.6
L5270.0	505271.7	5409608.6	13398.79981	336.19	43.95	48.839429	-86.928156	56191.83	56250.6	-0.56	56191.26	56227.68750	56234.16952	56283.80078	505271.7	5409608.6
L5270.0	505271.7	5409607.6	13398.90039	337.35	40.84	48.839420	-86.928157	56192.70	56250.6	-0.56	56192.14	56228.29688	56237.42365	56286.66406	505271.7	5409607.6
L5270.0	505271.7	5409606.4	13399.00000	338.38	40.84	48.839409	-86.928157	56193.48	56250.6	-0.56	56192.92	56228.80859	56238.57695	56287.40625	505271.7	5409606.4
L5270.0	505271.6	5409605.6	13399.09961	337.26	43.99	48.839402	-86.928157	56194.33	56250.6	-0.56	56193.77	56229.39063	56241.66572	56290.07031	505271.6	5409605.6
L5270.0	505271.6	5409604.5	13399.20020	335.23	44.04	48.839392	-86.928157	56195.00	56250.6	-0.57	56194.44	56229.79688	56240.80119	56288.75781	505271.6	5409604.5
L5270.0	505271.6	5409603.3	13399.29981	333.52	44.04	48.839381	-86.928157	56195.78	56250.6	-0.57	56195.21	56230.30078	56242.60857	56290.10547	505271.6	5409603.3
L5270.0	505271.6	5409603.3	13399.40039	332.86	45.05	48.839381	-86.928157	56196.45	56250.6	-0.57	56195.88	56230.70703	56242.37657	56289.39844	505271.6	5409603.3
L5270.0	505271.6	5409602.1	13399.50000	334.16	43.52	48.839371	-86.928158	56197.14	56250.6	-0.57	56196.57	56231.13281	56242.94704	56289.47656	505271.6	5409602.1
L5270.0	505271.6	5409601.0	13399.59961	335.23	44.62	48.839360	-86.928158	56197.75	56250.6	-0.58	56197.17	56231.47266	56241.72762	56287.75391	505271.6	5409601.0
L5270.0	505271.6	5409600.0	13399.70020	335.23	44.62	48.839351	-86.928158	56198.37	56250.6	-0.58	56197.79	56231.83203	56241.31970	56286.82813	505271.6	5409600.0
L5270.0	505271.6	5409598.9	13399.79981	335.40	45.21	48.839342	-86.928158	56198.99	56250.6	-0.58	56198.41	56232.19531	56241.25337	56286.23438	505271.6	5409598.9
L5270.0	505271.6	5409597.8	13399.90039	333.54	45.33	48.839332	-86.928158	56199.52	56250.6	-0.59	56198.93	56232.45703	56239.16741	56283.60938	505271.6	5409597.8
L5270.0	505271.6	5409597.8	13400.00000	334.26	47.61	48.839332	-86.928158	56200.10	56250.6	-0.59	56199.51	56232.78125	56238.84219	56282.73438	505271.6	5409597.8
L5270.0	505271.6	5409596.4	13400.09961	334.26	47.61	48.839319	-86.928158	56200.61	56250.6	-0.59	56200.02	56233.03906	56237.20755	56280.54297	505271.6	5409596.4
L5270.0	505271.6	5409595.0	13400.20020	334.08	48.31	48.839306	-86.928158	56201.06	56250.6	-0.59	56200.48	56233.24609	56234.73934	56277.50391	505271.6	5409595.0
L5270.0	505271.6	5409594.2	13400.29981	335.10	48.39	48.839299	-86.928158	56201.51	56250.6	-0.58	56200.92	56233.43359	56232.14894	56274.33984	505271.6	5409594.2
L5270.0	505271.6	5409593.0	13400.40039	334.96	48.62	48.839289	-86.928158	56201.99	56250.6	-0.58	56201.41	56233.67578	56231.07949	56272.68750	505271.6	5409593.0
L5270.0	505271.6	5409593.0	13400.50000	332.55	48.62	48.839289	-86.928158	56202.42	56250.6	-0.58	56201.84	56233.85547	56228.94370	56269.96094	505271.6	5409593.0
L5270.0	505271.5	5409591.6	13400.50000	332.55	41.38	48.839276	-86.928159	56202.82	56250.6	-0.58	56202.24	56234.00781	56226.44906	56266.87109	505271.5	5409591.6
L5270.0	505271.5	5409590.2	13400.70020	332.66	42.76	48.839264	-86.928159	56203.22	56250.6	-0.58	56202.65	56234.17578	56224.52974	56264.35156	505271.5	5409590.2
L5270.0	505271.5	5409589.2	13400.79981	335.25	42.76	48.839254	-86.928159	56203.59	56250.6	-0.57	56203.02	56234.30078	56222.01079	56261.22656	505271.5	5409589.2
L5270.0	505271.5	5409588.0	13400.90039	337.03	42.32	48.839244	-86.928159	56203.97	56250.6	-0.57	56203.40	56234.43750	56220.05261	56258.65625	505271.5	5409588.0
L5270.0	505271.5	5409586.7	13401.00000	335.27	43.58	48.839232	-86.928159	56204.29	56250.6	-0.57	56203.72	56234.51563	56217.01513	56255.00781	505271.5	5409586.7
L5270.0	505271.5	5409586.0	13401.09961	333.88	46.6	48.839226	-86.928159	56204.61	56250.6	-0.57	56204.04	56234.59766	56214.28470	56251.66016	505271.5	5409586.0
L5270.0	505271.5	5409585.0	13401.20020	336.58	46.6	48.839217	-86.928159	56204.95	56250.6	-0.57	56204.38	56234.69922	56212.31150	56249.06641	505271.5	5409585.0
L5270.0	505271.5	5409583.9	13401.29981	334.41	48.19	48.839207	-86.928159	56205.28	56250.6	-0.57	56204.71	56234.79297	56210.38397	56246.51953	505271.5	5409583.9
L5270.0	505271.5	5409583.9	13401.40039	333.43	45.88	48.839207	-86.928159	56205.56	56250.6	-0.57	56204.99	56234.83984	56207.55905	56243.07031	505271.5	5409583.9
L5270.0	505271.5	5409582.1	13401.50000	332.08	45.88	48.839191	-86.928159	56205.89	56250.6	-0.57	56205.32	56234.93750	56206.14455	56241.03516	505271.5	5409582.1
L5270.0	505271.5	5409580.7	13401.59961	330.78	46.75	48.839178	-86.928159	56206.12	56250.6	-0.57	56205.55	56234.93359	56202.64256	56236.91016	505271.5	5409580.7
L5270.0	505271.5	5409580.7	13401.70020	330.04	49.97	48.839178	-86.928159	56206.38	56250.6	-0.57	56205.81	56234.96484	56200.05879	56233.69922	505271.5	5409580.7
L5270.0	505271.5	5409579.5	13401.79981	332.09	52.34	48.839167	-86.928159	56206.68	56250.6	-0.57	56206.11	56235.03516	56198.61362	56231.63281	505271.5	5409579.5
L5270.0	505271.5	5409578.3	13401.90039	334.13	52.34	48.839156	-86.928159	56206.94	56250.6	-0.57	56206.37	56235.06641	56196.43335	56228.82813	505271.5	5409578.3
L5270.0	505271.5	5409577.2	13402.00000	334.12	53.23	48.839147	-86.928159	56207.19	56250.6	-0.57	56206.62	56235.09375	56194.20173	56225.97656	505271.5	5409577.2
L5270.0	505271.5	5409577.2	13402.09961	334.87	52.88	48.839147	-86.928159	56207.45	56250.6	-0.57	56206.88	56235.12891	56192.37132	56223.52344	505271.5	5409577.2
L5270.0	505271.5	5409575.7	13402.20020	333.88	53.07	48.839133	-86.928160	56207.70	56250.6	-0.57	56207.13	56235.15625	56190.46219	56220.99609	505271.5	5409575.7
L5270.0	505271.5	5409574.5	13402.29981	337.22	53.07	48.839122	-86.928160	56207.96	56250.6	-0.57	56207.39	56235.19531	56188.92621	56218.84375	505271.5	5409574.5

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5270.0	505271.5	5409573.7	13402.40039	334.62	51.19	48.839115	-86.928160	56208.19	56250.6	-0.57	56207.62	56235.20313	56186.81469	56216.12109	505271.5	5409573.7
L5270.0	505271.5	5409572.3	13402.50000	335.46	48.64	48.839102	-86.928160	56208.44	56250.6	-0.57	56207.87	56235.23438	56185.27985	56213.97266	505271.5	5409572.3
L5270.0	505271.5	5409571.0	13402.50000	335.46	48.64	48.839091	-86.928160	56208.70	56250.6	-0.57	56208.13	56235.27734	56184.07476	56212.16016	505271.5	5409571.0
L5270.0	505271.5	5409569.8	13402.70020	337.40	51.27	48.839080	-86.928160	56208.93	56250.6	-0.57	56208.36	56235.29297	56182.24958	56209.73047	505271.5	5409569.8
L5270.0	505271.5	5409569.1	13402.79981	335.78	51.27	48.839074	-86.928160	56209.21	56250.6	-0.57	56208.64	56235.35547	56181.66443	56208.54297	505271.5	5409569.1
L5270.0	505271.5	5409567.7	13402.90039	336.32	52.93	48.839061	-86.928160	56209.45	56250.6	-0.57	56208.88	56235.38281	56180.19843	56206.48047	505271.5	5409567.7
L5270.0	505271.5	5409567.7	13403.00000	334.75	52.8	48.839061	-86.928160	56209.74	56250.6	-0.57	56209.17	56235.46094	56179.95009	56205.63672	505271.5	5409567.7
L5270.0	505271.5	5409566.4	13403.09961	334.02	52.62	48.839049	-86.928160	56209.99	56250.6	-0.57	56209.42	56235.50391	56178.79566	56203.89453	505271.5	5409566.4
L5270.0	505271.5	5409564.8	13403.20020	333.35	52.62	48.839035	-86.928160	56210.28	56250.6	-0.57	56209.71	56235.58594	56178.60113	56203.11328	505271.5	5409564.8
L5270.0	505271.5	5409563.5	13403.29981	326.36	52.96	48.839023	-86.928160	56210.54	56250.6	-0.57	56209.97	56235.63672	56177.70742	56201.63672	505271.5	5409563.5
L5270.0	505271.5	5409563.5	13403.40039	327.05	51.2	48.839023	-86.928160	56210.86	56250.6	-0.57	56210.29	56235.75000	56178.22052	56201.57031	505271.5	5409563.5
L5270.0	505271.5	5409561.6	13403.50000	334.33	51.2	48.839006	-86.928159	56211.18	56250.6	-0.57	56210.61	56235.86719	56178.71484	56201.49219	505271.5	5409561.6
L5270.0	505271.5	5409561.6	13403.59961	333.13	50.05	48.839006	-86.928159	56211.53	56250.6	-0.56	56210.97	56236.02344	56180.11469	56202.32422	505271.5	5409561.6
L5270.0	505271.5	5409560.3	13403.70020	332.88	52.96	48.838994	-86.928159	56211.81	56250.6	-0.56	56211.25	56236.10156	56179.58409	56201.23047	505271.5	5409560.3
L5270.0	505271.5	5409559.3	13403.79981	332.77	52.26	48.838985	-86.928159	56212.20	56250.6	-0.56	56211.64	56236.29297	56181.57672	56202.66016	505271.5	5409559.3
L5270.0	505271.5	5409558.2	13403.90039	333.38	52.26	48.838975	-86.928159	56212.50	56250.6	-0.56	56211.93	56236.38672	56181.14286	56201.67188	505271.5	5409558.2
L5270.0	505271.5	5409557.0	13404.00000	335.54	52.24	48.838965	-86.928159	56212.89	56250.6	-0.56	56212.33	56236.58984	56183.20802	56203.18750	505271.5	5409557.0
L5270.0	505271.5	5409556.1	13404.09961	337.17	40.16	48.838957	-86.928159	56213.23	56250.6	-0.56	56212.67	56236.73438	56183.76510	56203.19922	505271.5	5409556.1
L5270.0	505271.6	5409554.8	13404.20020	335.98	40.16	48.838945	-86.928159	56213.70	56250.6	-0.56	56213.15	56237.02344	56187.50898	56206.40234	505271.6	5409554.8
L5270.0	505271.6	5409553.5	13404.29981	335.22	49.92	48.838933	-86.928159	56214.11	56250.6	-0.56	56213.55	56237.23047	56189.25695	56207.61719	505271.6	5409553.5
L5270.0	505271.6	5409552.2	13404.40039	335.03	47.8	48.838922	-86.928159	56214.49	56250.6	-0.56	56213.93	56237.42188	56190.41243	56208.24219	505271.6	5409552.2
L5270.0	505271.6	5409552.2	13404.50000	337.32	48.26	48.838922	-86.928159	56214.92	56250.6	-0.56	56214.37	56237.67578	56192.85157	56210.15234	505271.6	5409552.2
L5270.0	505271.6	5409550.7	13404.50000	337.32	48.26	48.838908	-86.928159	56215.36	56250.6	-0.56	56214.80	56237.91797	56194.91895	56211.69922	505271.6	5409550.7
L5270.0	505271.6	5409549.3	13404.59961	334.69	48.94	48.838896	-86.928159	56215.82	56250.6	-0.55	56215.27	56238.20703	56197.78409	56214.04688	505271.6	5409549.3
L5270.0	505271.6	5409548.3	13404.79981	332.11	48.94	48.838886	-86.928159	56216.34	56250.6	-0.55	56215.78	56238.53516	56201.43849	56217.19141	505271.6	5409548.3
L5270.0	505271.6	5409546.9	13404.90039	334.10	43.46	48.838874	-86.928159	56216.83	56250.6	-0.55	56216.28	56238.85547	56204.69766	56219.94141	505271.6	5409546.9
L5270.0	505271.6	5409546.9	13405.00000	332.38	42.75	48.838874	-86.928159	56217.32	56250.6	-0.55	56216.77	56239.16797	56207.55530	56222.29688	505271.6	5409546.9
L5270.0	505271.6	5409545.4	13405.09961	335.43	42.75	48.838861	-86.928159	56217.82	56250.6	-0.55	56217.27	56239.49609	56210.47554	56224.71875	505271.6	5409545.4
L5270.0	505271.6	5409545.4	13405.20020	335.62	43.05	48.838861	-86.928159	56218.34	56250.6	-0.55	56217.79	56239.84375	56213.68647	56227.43359	505271.6	5409545.4
L5270.0	505271.6	5409543.5	13405.29981	336.23	47.59	48.838843	-86.928159	56218.86	56250.6	-0.55	56218.31	56240.19531	56216.71451	56229.97266	505271.6	5409543.5
L5270.0	505271.6	5409542.0	13405.40039	335.83	47.56	48.838829	-86.928159	56219.41	56250.6	-0.55	56218.86	56240.57813	56220.25687	56233.03125	505271.6	5409542.0
L5270.0	505271.6	5409540.6	13405.50000	334.98	47.56	48.838818	-86.928159	56219.98	56250.6	-0.55	56219.43	56240.98438	56224.07502	56236.36719	505271.6	5409540.6
L5270.0	505271.6	5409539.6	13405.59961	334.39	47.3	48.838808	-86.928159	56220.50	56250.6	-0.55	56219.95	56241.34375	56226.54069	56238.35547	505271.6	5409539.6
L5270.0	505271.6	5409538.4	13405.70020	333.37	47.3	48.838798	-86.928159	56221.13	56250.6	-0.55	56220.57	56241.80859	56231.13668	56242.47656	505271.6	5409538.4
L5270.0	505271.6	5409537.1	13405.79981	332.85	45.65	48.838786	-86.928159	56221.68	56250.6	-0.55	56221.13	56242.21094	56234.15342	56245.02734	505271.6	5409537.1
L5270.0	505271.6	5409537.1	13405.90039	332.68	45.99	48.838786	-86.928159	56222.28	56250.6	-0.55	56221.73	56242.66016	56237.90912	56248.31641	505271.6	5409537.1
L5270.0	505271.6	5409535.9	13406.00000	333.84	42.28	48.838775	-86.928159	56222.76	56250.6	-0.55	56222.21	56242.99219	56238.72937	56248.67578	505271.6	5409535.9
L5270.0	505271.6	5409534.8	13406.09961	332.79	42.28	48.838765	-86.928159	56223.40	56250.6	-0.55	56222.85	56243.48828	56243.05578	56252.54688	505271.6	5409534.8
L5270.0	505271.6	5409533.4	13406.20020	332.97	42.49	48.838753	-86.928159	56223.96	56250.6	-0.55	56223.41	56243.91016	56245.38791	56254.42188	505271.6	5409533.4
L5270.0	505271.6	5409532.4	13406.29981	333.86	43.7	48.838744	-86.928159	56224.54	56250.6	-0.56	56223.98	56244.34375	56247.80102	56256.38672	505271.6	5409532.4
L5270.0	505271.5	5409531.3	13406.40039	335.28	43.91	48.838733	-86.928159	56225.11	56250.6	-0.56	56224.55	56244.78125	56250.07751	56258.21875	505271.5	5409531.3
L5270.0	505271.5	5409530.0	13406.50000	335.47	43.91	48.838722	-86.928160	56225.72	56250.6	-0.56	56225.16	56245.26172	56253.13799	56260.83594	505271.5	5409530.0
L5270.0	505271.5	5409530.0	13406.50000	335.47	44.08	48.838722	-86.928160	56226.28	56250.6	-0.56	56225.72	56245.69922	56254.95409	56262.21094	505271.5	5409530.0
L5270.0	505271.5	5409528.5	13406.70020	333.77	43.04	48.838708	-86.928160	56226.88	56250.6	-0.56	56226.32	56246.17969	56257.58172	56264.40234	505271.5	5409528.5
L5270.0	505271.5	5409527.1	13406.79981	332.96	43.04	48.838696	-86.928160	56227.47	56250.6	-0.57	56226.91	56246.65625	56259.90132	56266.28906	505271.5	5409527.1
L5270.0	505271.5	5409527.1	13406.90039	332.99	37.4	48.838696	-86.928160	56228.02	56250.6	-0.57	56227.45	56247.08984	56261.02340	56266.98047	505271.5	5409527.1
L5270.0	505271.5	5409525.5	13407.00000	330.07	37.75	48.838681	-86.928160	56228.61	56250.6	-0.57	56228.04	56247.57422	56263.22394	56268.75391	505271.5	5409525.5
L5270.0	505271.5	5409524.2	13407.09961	329.87	37.75	48.838669	-86.928160	56229.16	56250.6	-0.57	56228.60	56248.03516	56264.70876	56269.81641	505271.5	5409524.2
L5270.0	505271.5	5409522.6	13407.20020	331.21	42.08	48.838655	-86.928160	56229.77	56250.6	-0.56	56229.21	56248.55469	56267.30277	56271.98828	505271.5	5409522.6
L5270.0	505271.5	5409521.7	13407.29981	332.38	39.6	48.838647	-86.928160	56230.32	56250.6	-0.56	56229.76	56249.01563	56268.53298	56272.80078	505271.5	5409521.7
L5270.0	505271.5	5409520.6	13407.40039	333.60	39.6	48.838637	-86.928160	56230.90	56250.6	-0.55	56230.35	56249.52344	56270.67845	56274.53125	505271.5	5409520.6
L5270.0	505271.5	5409519.2	13407.50000	333.97	41.97	48.838624	-86.928161	56231.39	56250.6	-0.55	56230.84	56249.94141	56270.58083	56274.01953	505271.5	5409519.2
L5270.0	505271.5	5409519.2	13407.59961	336.10	41.65	48.838624	-86.928161	56231.95	56250.5	-0.55	56231.40	56250.42969	56272.11279	56275.14453	505271.5	5409519.2
L5270.0	505271.5	5409517.9	13407.70020	333.19	41.76	48.838613	-86.928161	56232.45	56250.5	-0.54	56231.91	56250.87891	56272.56883	56275.19141	505271.5	5409517.9
L5270.0	505271.5	5409516.5	13407.79981	333.05	41.76	48.838601	-86.928161	56232.97	56250.5	-0.54	56232.43	56251.34375	56273.33019	56275.55078	505271.5	5409516.5
L5270.0	505271.5	5409515.4	13407.90039	333.21	35.2	48.838591	-86.928161	56233.50	56250.5	-0.53	56232.96	56251.82813	56274.41624	56276.23438	505271.5	5409515.4
L5270.0	505271.5	5409514.3	13408.00000	333.02	30.68	48.838581	-86.928161	56234.02	56250.5	-0.53	56233.49	56252.31641	56275.61836	56277.03906	505271.5	5409514.3
L5270.0	505271.5	5409513.0	13408.09961	334.12	35.14	48.838569	-86.928161	56234.52	56250.5	-0.53	56233.99	56252.78125	56276.26899	56277.29297	505271.5	5409513.0
L5270.0	505271.5	5409511.9	13408.20020	333.86	35.14	48.838559	-86.928161	56234.99	56250.5	-0.54	56234.45	56253.21484	56276.15606	56276.78906	505271.5	5409511.9
L5270.0	505271.5	5409510.3	13408.29981	332.96	40.82	48.838545	-86.928161	56235.54	56250.5	-0.54	56235.00	56253.75000	56278.27883	56278.52344	505271.5	5409510.3
L5270.0	505271.5	5409510.3	13408.40039	335.93	41.75	48.838545	-86.928161	56235.91	56250.5	-0.55	56235.36	56254.09766	56276.22872	56276.08594	505271.5	5409510.3
L5270.0	505271.5	5409509.4	13408.50000	335.62	41.36	48.838536	-86.928161	56236.41	56250.6	-0.55	56235.86	56254.59766	56277.60366	56277.07422	505271.5	5409509.4
L5270.0	505271.5	5409508.1	13408.50000	335.62	41.36	48.838525	-86.928161	56236.80	56250.6	-0.55	56236.25	56254.99609	56276.67349	56275.76172	505271.5	5409508.1
L5270.0	505271.5	5409506.5	13408.70020	334.14	40.39	48.838511	-86.928161	56237.23	56250.6	-0.56	56236.67	56255.42969	56276.67729	56275.39063	505271.5	5409506.5
L5270.0	505271.5	5409505.4	13408.79981	333.17	33.99	48.838500	-86.928161	56237.59	56250.6	-0.56	56237.02	56255.80469	56275.32434	56273.66016	505271.5	5409505.4
L5270.0	505271.5	5409503.8	13408.90039	334.07	33.99	48.838486	-86.928161	56238.03	56250.6	-0.57	56237.46	56256.27734	56276.32470	56274.28906	505271.5	5409503.8
L5270.0	505271.5	5409503.8	13409.00000	334.23	37.29	48.838486	-86.928161	56238.32	56250.6	-0.57	56237.75	56256.61328	56274.15201	56271.74609	505271.5	5409503.8
L5270.0	505271.5	5409502.7	13409.09961	332.57	37.73	48.838477	-86.928161	56238.76	56250.6	-0.57	56238.19	56257.10547	56275.75504	56272.98438	505271.5	5409502.7
L5270.0	505271.5	5409501.6	13409.20020	333.16	39.2	48.838466	-86.928161	56239.05	56250.6	-0.56	56238.49	56257.46875	56274.44772	56271.31641	505271.5	5409501.6
L5270.0	505271.5	5409500.5	13409.29981	334.36	39.2	48.838456	-86.928161	56239.43	56250.6	-0.56	56238.87	56257.92188	56275.32780	56271.83594	505271.5	5409500.5
L5270.0	505271.5	5409498.9	13409.40039	333.58	39.9	48.838442	-86.928161	56239.73	56250.6	-0.55	56239.18	56258.31641	56274.94172	56271.09766	505271.5	5409498.9
L5270.0	505271.5	5409497.6	13409.50000	331.35	39.05	48.838430	-86.928160	56240.09	56250.6	-0.55	56239.54	56258.76953	56276.07238	56271.87500	505271.5	5409497.6
L5270.0	505271.5	5409496.2	13409.59961	333.45	39.64	48.838418	-86.928160	56240.32	56250.5	-0.55	56239.77	56259.10547	56274.57841	56270.03516	505271.5	5409496.2
L5270.0	505271.5	5409496.2	13409.70020	333.20	40.51	48.838418	-86.928160	56240.65	56250.5	-0.54	56240.11	56259.55859	56276.00241	56271.11719	505271.5	5409496.2
L5270.0	505271.5	5409494.7	13409.79981	336.04	40.51	48.838404	-86.928160	56240.88	56250.5	-0.54	56240.34	56259.91797	56275.28083	56270.05859	505271.5	5409494.7
L5270.0	505271.5	5409493.3	13409.90039	335.89	40.2	48.838392	-86.928160	56241.14	56250.5	-0.53	56240.61	56260.32422	56275.87201	56270.31641	505271.5	5409493.3
L5270.0	505271.5	5409492.2	13410.00000	335.45	40.2	48.838382	-86.928160	56241.41	56250.5	-0.53	56240.88	56260.74609	56276.85645	56270.97266	505271.5	5409492.2
L5270.0	505271.5	5409490.9	13410.09961	336.53	35.42	48.838370	-86.928160	56241.60	56250.5	-0.53	56241.07	56261.09766	56276.40005	56270.19141	505271.5	5409490.9
L5270.0	505271.5	5409490.9	13410.20020	334.96	32.31	48.838370	-86.928160	56241.82	56250.5	-0.53	56241.29	56261.49219	56277.02618	56270.50000	505271.5	5409490.9
L5270.0	505271.5	5409489.5	13410.29981	334.53	32.31	48.838358	-86.928160	56242.06	56250.5	-0.53	56241.53	56261.91797	56278.49991	56271.66016	505271.5	5409489.5
L5270.0	505271.5	5409488.4	13410.40039	333.08	41.56	48.838347	-86.928160	56242.23	56250.5	-0.53	56241.70	56262.28516	56278.75984	56271.61328	505271.5	5409488.4
L5270.0	505271.5	5409487.0	13410.50000	333.68	40.58	48.838335	-86.928160	56242.36	56250.5	-0.53	56241.83	56262.62500	56278.49005	56271.04297	505271.5	5409487.0
L5270.0	505271.5	5409486.0	13410.50000	333.68	40.94	48.838326	-86.928160	56242.61	56250.5	-0.53	56242.08	56263.10156	56281.32667	56273.58594	505271.5	5409486.0
L5270.0	505271.5	5409484.7	13410.70020	331.13	40.94	48.838314	-86.928160	56242.72	56250.5	-0.53	56242.19	56263.44922	56281.34241	56273.31250	505271.5	5409484.7
L5270.0	505271.5	5409483.4	13410.79981	331.96	41.06	48.838303	-86.928160	56242.90	56250.5	-0.53	56242.37	56263.87891	56283.30259	56274.99219	505271.5	5409483.4
L5270.0	505271.5	5409482.3	13410.90039	333.14	41.06	48.838292	-86.928161	56243.02	56250.5	-0.53	56242.49	56264.26172	56284.24237	56275.65625	505271.5	5409482.3
L5270.0	505271.5	5409481.1	13411.00000	333.17	38.39	48.838282	-86.928161	56243.25	56250.5	-0.53	56242.72	56264.76953	56287.99495	56279.14453	505271.5	5409481.1
L5270.0	505271.5	5409481.1	13411.09961	333.90	42.42	48.838282	-86.928161	56243.34	56250.5	-0.53	56242.81	56265.14844	56288.89150	56279.78125	505271.5	5409481.1
L5270.0	505271.5	5409479.5	13411.20020	332.55	42.06	48.838268	-86.928161	56243.53	56250.5	-0.53	56243.00	56265.64453	56292.33814	56282.97656	505271.5	5409479.5
L5270.0	505271.5	5409477.0	13411.29981	331.65	42.06	48.838245	-86.928161	56243.64	56250.5	-0.54	56243.10	56266.06250	56294.03526	56284.43359	505271.5	5409477.0
L5270.0	505271.5	5409477.0	13411.40039	331.85	45.06	48.838245	-86.928161	56243.79	56250.5	-0.54	56243.25	56266.54688	56297.11971	56287.28125	505271.5	5409477.0
L5270.0	505271.5	5409475.6	13411.50000	331.39	44.99	48.838233	-86.928161	56243.90	56250.5	-0.54	56243.36	56267.00391	56299.55307	56289.48828	505271.5	5409475.6
L5270.0	505271.5	5409474.1	13411.59961	332.89	44.99	48.838219	-86.928161	56244.04	56250.5	-0.54	56243.50	56267.50391	56302.89487	56292.61719	505271.5	5409474.1

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5270.0	505271.5	5409474.1	13411.70020	332.49	39.58	48.838219	-86.928161	56244.12	56250.5	-0.54	56243.58	56267.96094	56305.11927	56294.63281	505271.5	5409474.1
L5270.0	505271.4	5409472.9	13411.79981	333.95	37.57	48.838208	-86.928162	56244.20	56250.5	-0.55	56243.66	56268.43359	56307.55745	56296.87891	505271.4	5409472.9
L5270.0	505271.4	5409471.5	13411.90039	332.22	37.57	48.838195	-86.928162	56244.29	56250.5	-0.55	56243.74	56268.92188	56310.19841	56299.33203	505271.4	5409471.5
L5270.0	505271.4	5409470.0	13412.00000	333.20	41.63	48.838182	-86.928162	56244.41	56250.6	-0.55	56243.86	56269.46094	56313.92135	56302.87891	505271.4	5409470.0
L5270.0	505271.4	5409469.3	13412.09961	333.17	44.74	48.838175	-86.928162	56244.55	56250.6	-0.55	56244.00	56270.03906	56318.27320	56307.06641	505271.4	5409469.3
L5270.0	505271.4	5409468.1	13412.20020	332.63	47.31	48.838165	-86.928162	56244.64	56250.6	-0.55	56244.08	56270.57031	56321.46351	56310.10547	505271.4	5409468.1
L5270.0	505271.4	5409466.7	13412.29981	333.50	47.31	48.838152	-86.928162	56244.74	56250.6	-0.55	56244.18	56271.13672	56325.27088	56313.76953	505271.4	5409466.7
L5270.0	505271.4	5409465.3	13412.40039	332.13	45.35	48.838140	-86.928162	56244.78	56250.6	-0.55	56244.22	56271.66016	56327.90324	56316.27344	505271.4	5409465.3
L5270.0	505271.4	5409464.4	13412.50000	332.05	45.35	48.838132	-86.928162	56244.89	56250.6	-0.56	56244.33	56272.26563	56332.26723	56320.51953	505271.4	5409464.4
L5270.0	505271.4	5409464.4	13412.50000	332.05	44.77	48.838132	-86.928162	56244.89	56250.6	-0.56	56244.33	56272.78125	56334.31975	56322.46484	505271.4	5409464.4
L5270.0	505271.4	5409462.8	13412.70020	329.92	46.45	48.838118	-86.928162	56244.98	56250.6	-0.56	56244.42	56273.39844	56338.54805	56326.60156	505271.4	5409462.8
L5270.0	505271.4	5409461.5	13412.79981	332.61	45.82	48.838105	-86.928162	56245.02	56250.6	-0.56	56244.46	56273.98438	56341.79938	56329.77734	505271.4	5409461.5
L5270.0	505271.4	5409459.2	13412.90039	332.75	45.82	48.838085	-86.928162	56245.02	56250.6	-0.56	56244.46	56274.54297	56344.28894	56332.19922	505271.4	5409459.2
L5270.0	505271.4	5409459.2	13413.00000	332.08	44.11	48.838085	-86.928162	56245.08	56250.6	-0.56	56244.52	56275.17969	56348.29257	56336.15234	505271.4	5409459.2
L5270.0	505271.4	5409457.7	13413.09961	331.94	44.11	48.838071	-86.928162	56245.02	56250.6	-0.56	56244.46	56275.71094	56349.70050	56337.52344	505271.4	5409457.7
L5270.0	505271.4	5409457.7	13413.20020	334.41	39.95	48.838071	-86.928162	56245.04	56250.6	-0.55	56244.49	56276.34766	56353.32671	56341.12891	505271.4	5409457.7
L5270.0	505271.4	5409455.9	13413.29981	334.78	39.89	48.838055	-86.928162	56244.99	56250.6	-0.55	56244.44	56276.92188	56355.27158	56343.06641	505271.4	5409455.9
L5270.0	505271.4	5409454.8	13413.40039	333.83	39.89	48.838045	-86.928162	56244.90	56250.5	-0.55	56244.35	56277.46875	56356.45802	56344.25781	505271.4	5409454.8
L5270.0	505271.4	5409453.6	13413.50000	335.35	44.78	48.838035	-86.928162	56244.84	56250.5	-0.54	56244.29	56278.06250	56358.53228	56346.35156	505271.4	5409453.6
L5270.0	505271.4	5409452.2	13413.59961	335.30	45.87	48.838022	-86.928162	56244.71	56250.5	-0.54	56244.17	56278.61328	56359.41292	56347.26953	505271.4	5409452.2
L5270.0	505271.4	5409450.8	13413.70020	336.83	45.87	48.838010	-86.928162	56244.57	56250.5	-0.54	56244.04	56279.16797	56360.29635	56348.21094	505271.4	5409450.8
L5270.0	505271.4	5409449.5	13413.79981	337.25	45.58	48.837998	-86.928162	56244.41	56250.5	-0.54	56243.87	56279.69922	56360.50241	56348.48828	505271.4	5409449.5
L5270.0	505271.4	5409449.5	13413.90039	335.81	45.58	48.837998	-86.928162	56244.24	56250.5	-0.53	56243.71	56280.25391	56361.25675	56349.32813	505271.4	5409449.5
L5270.0	505271.5	5409447.1	13414.00000	336.93	41.69	48.837976	-86.928162	56244.00	56250.5	-0.53	56243.47	56280.74219	56360.45181	56348.62109	505271.5	5409447.1
L5270.0	505271.5	5409447.1	13414.09961	336.37	45.11	48.837976	-86.928162	56243.79	56250.5	-0.53	56243.25	56281.26953	56360.53424	56348.82422	505271.5	5409447.1
L5270.0	505271.5	5409446.0	13414.20020	335.43	45.09	48.837966	-86.928162	56243.51	56250.5	-0.53	56242.98	56281.75781	56359.88398	56348.31250	505271.5	5409446.0
L5270.0	505271.5	5409444.6	13414.29981	334.88	43.33	48.837953	-86.928162	56243.23	56250.5	-0.53	56242.69	56282.24609	56359.29116	56347.87500	505271.5	5409444.6
L5270.0	505271.5	5409443.2	13414.40039	336.26	37.98	48.837941	-86.928161	56242.95	56250.5	-0.53	56242.41	56282.75391	56359.56864	56348.32422	505271.5	5409443.2
L5270.0	505271.5	5409441.8	13414.50000	336.12	37.98	48.837928	-86.928161	56242.62	56250.5	-0.54	56242.09	56283.23828	56359.58999	56348.53125	505271.5	5409441.8
L5270.0	505271.5	5409441.8	13414.50000	336.12	35.9	48.837928	-86.928161	56242.18	56250.5	-0.54	56241.65	56283.61719	56357.49606	56346.64453	505271.5	5409441.8
L5270.0	505271.5	5409440.1	13414.59961	337.66	41.44	48.837913	-86.928161	56241.69	56250.5	-0.54	56241.15	56283.94922	56354.85336	56344.23047	505271.5	5409440.1
L5270.0	505271.5	5409439.0	13414.79981	336.88	38.01	48.837903	-86.928161	56241.27	56250.5	-0.54	56240.73	56284.37500	56355.21772	56344.83984	505271.5	5409439.0
L5270.0	505271.5	5409437.5	13414.90039	334.54	38.01	48.837890	-86.928161	56240.68	56250.5	-0.54	56240.14	56284.64453	56352.57809	56342.45703	505271.5	5409437.5
L5270.0	505271.5	5409436.2	13415.00000	334.91	36.84	48.837878	-86.928161	56240.09	56250.5	-0.54	56239.55	56284.92969	56351.23394	56341.39063	505271.5	5409436.2
L5270.0	505271.5	5409435.5	13415.09961	336.30	39.98	48.837871	-86.928161	56239.40	56250.5	-0.54	56238.87	56285.13281	56349.10199	56339.55469	505271.5	5409435.5
L5270.0	505271.5	5409433.8	13415.20020	336.29	43.29	48.837857	-86.928161	56238.73	56250.5	-0.53	56238.20	56285.36328	56348.78343	56339.55469	505271.5	5409433.8
L5270.0	505271.5	5409432.8	13415.29981	334.69	43.29	48.837848	-86.928161	56238.04	56250.5	-0.53	56237.51	56285.58594	56349.68323	56340.79297	505271.5	5409432.8
L5270.0	505271.5	5409432.8	13415.40039	336.52	45.61	48.837848	-86.928161	56237.14	56250.5	-0.52	56236.62	56285.61719	56347.50856	56338.96875	505271.5	5409432.8
L5270.0	505271.5	5409431.0	13415.50000	337.55	38.45	48.837831	-86.928161	56236.28	56250.5	-0.52	56235.76	56285.69531	56348.08957	56339.91797	505271.5	5409431.0
L5270.0	505271.5	5409429.6	13415.59961	336.60	38.45	48.837819	-86.928161	56235.26	56250.5	-0.52	56234.75	56285.62891	56347.13652	56339.35547	505271.5	5409429.6
L5270.0	505271.5	5409428.1	13415.70020	336.23	41.24	48.837805	-86.928161	56234.32	56250.5	-0.51	56233.81	56285.64844	56350.23191	56342.86328	505271.5	5409428.1
L5270.0	505271.5	5409426.7	13415.79981	338.18	41.24	48.837793	-86.928162	56233.15	56250.5	-0.51	56232.64	56285.44922	56350.14223	56343.20313	505271.5	5409426.7
L5270.0	505271.5	5409426.7	13415.90039	335.96	46.2	48.837793	-86.928162	56231.95	56250.5	-0.50	56231.44	56285.22656	56351.96612	56345.46875	505271.5	5409426.7
L5270.0	505271.5	5409425.1	13416.00000	336.62	49.06	48.837778	-86.928162	56230.65	56250.5	-0.50	56230.15	56284.92578	56354.39622	56348.35938	505271.5	5409425.1
L5270.0	505271.5	5409423.6	13416.09961	337.15	48.79	48.837765	-86.928162	56229.24	56250.5	-0.50	56228.74	56284.51563	56356.86922	56351.31250	505271.5	5409423.6
L5270.0	505271.5	5409422.2	13416.20020	337.23	45.87	48.837752	-86.928162	56227.84	56250.5	-0.51	56227.34	56284.12500	56362.74300	56357.69141	505271.5	5409422.2
L5270.0	505271.5	5409420.8	13416.29981	337.59	45.87	48.837740	-86.928162	56226.23	56250.5	-0.51	56225.72	56283.52344	56366.57445	56362.04297	505271.5	5409420.8
L5270.0	505271.5	5409419.5	13416.40039	337.55	48.98	48.837728	-86.928162	56224.61	56250.5	-0.51	56224.09	56282.91797	56373.67350	56369.67578	505271.5	5409419.5
L5270.0	505271.5	5409419.5	13416.50000	337.83	50.69	48.837728	-86.928162	56222.81	56250.5	-0.51	56222.30	56282.16016	56380.56968	56377.12500	505271.5	5409419.5
L5270.0	505271.5	5409417.7	13416.50000	337.83	50.69	48.837711	-86.928162	56220.99	56250.5	-0.51	56220.48	56281.38281	56390.60061	56387.72656	505271.5	5409417.7
L5270.0	505271.5	5409416.3	13416.70020	336.38	50.61	48.837699	-86.928162	56219.00	56250.5	-0.52	56218.48	56280.42969	56400.31450	56398.03516	505271.5	5409416.3
L5270.0	505271.5	5409416.3	13416.79981	335.28	49.15	48.837699	-86.928162	56216.84	56250.5	-0.52	56216.32	56279.32422	56410.38351	56408.71094	505271.5	5409416.3
L5270.0	505271.5	5409413.8	13416.90039	334.82	49.15	48.837677	-86.928162	56214.59	56250.5	-0.53	56214.07	56278.13281	56422.67860	56421.62500	505271.5	5409413.8
L5270.0	505271.5	5409413.8	13417.00000	334.70	51.28	48.837677	-86.928162	56212.11	56250.5	-0.53	56211.58	56276.70703	56433.77821	56433.35938	505271.5	5409413.8
L5270.0	505271.5	5409412.6	13417.09961	335.66	48.22	48.837666	-86.928162	56209.51	56250.5	-0.53	56208.98	56275.17969	56446.98434	56447.22266	505271.5	5409412.6
L5270.0	505271.5	5409411.0	13417.20020	333.96	48.22	48.837651	-86.928162	56206.75	56250.5	-0.53	56206.23	56273.50391	56461.51254	56462.42969	505271.5	5409411.0
L5270.0	505271.5	5409409.2	13417.29981	331.97	49.46	48.837635	-86.928162	56203.91	56250.5	-0.53	56203.38	56271.73047	56478.72753	56480.33594	505271.5	5409409.2
L5270.0	505271.5	5409408.1	13417.40039	333.53	51.27	48.837625	-86.928162	56200.86	56250.5	-0.53	56200.33	56269.76172	56496.42016	56498.72656	505271.5	5409408.1
L5270.0	505271.5	5409408.1	13417.50000	332.53	51.21	48.837625	-86.928162	56197.62	56250.5	-0.52	56197.10	56267.61719	56515.23845	56518.25781	505271.5	5409408.1
L5270.0	505271.5	5409406.7	13417.59961	334.10	51.57	48.837612	-86.928162	56194.18	56250.5	-0.52	56193.66	56265.26563	56534.62307	56538.37500	505271.5	5409406.7
L5270.0	505271.4	5409404.5	13417.70020	333.73	51.57	48.837593	-86.928162	56190.51	56250.5	-0.52	56189.99	56262.68359	56554.24451	56558.75000	505271.4	5409404.5
L5270.0	505271.4	5409404.5	13417.79981	335.31	48.27	48.837593	-86.928162	56186.62	56250.5	-0.52	56186.10	56259.87891	56574.48029	56579.75000	505271.4	5409404.5
L5270.0	505271.4	5409402.3	13417.90039	336.28	48.27	48.837573	-86.928163	56182.52	56250.5	-0.52	56182.00	56256.87109	56595.70568	56601.74609	505271.4	5409402.3
L5270.0	505271.4	5409401.6	13418.00000	337.89	52.58	48.837567	-86.928163	56178.12	56250.5	-0.52	56177.60	56253.55859	56615.87528	56622.69922	505271.4	5409401.6
L5270.0	505271.4	5409400.2	13418.09961	339.42	49.94	48.837554	-86.928163	56173.54	56250.5	-0.52	56173.01	56250.05469	56637.70895	56645.33203	505271.4	5409400.2
L5270.0	505271.4	5409398.8	13418.20020	336.81	49.94	48.837542	-86.928163	56168.68	56250.5	-0.52	56168.16	56246.29297	56659.58730	56668.02734	505271.4	5409398.8
L5270.0	505271.4	5409397.4	13418.29981	335.32	50.44	48.837529	-86.928163	56163.65	56250.5	-0.53	56163.13	56242.34375	56683.47668	56692.74219	505271.4	5409397.4
L5270.0	505271.4	5409396.3	13418.40039	336.97	50.44	48.837519	-86.928163	56158.32	56250.5	-0.53	56157.79	56238.08594	56706.27648	56716.37500	505271.4	5409396.3
L5270.0	505271.4	5409394.8	13418.50000	336.70	49.98	48.837505	-86.928163	56152.62	56250.5	-0.53	56152.09	56233.46094	56726.73761	56737.67578	505271.4	5409394.8
L5270.0	505271.4	5409394.8	13418.50000	336.70	49.39	48.837505	-86.928163	56146.63	56250.5	-0.53	56146.10	56228.54688	56746.49085	56758.28125	505271.4	5409394.8
L5270.0	505271.4	5409393.3	13418.70020	337.77	49.24	48.837492	-86.928163	56140.36	56250.5	-0.53	56139.82	56223.33203	56765.44459	56778.10547	505271.4	5409393.3
L5270.0	505271.4	5409391.9	13418.79981	335.17	48.9	48.837480	-86.928163	56133.65	56250.5	-0.54	56133.11	56217.68750	56780.09268	56793.62891	505271.4	5409391.9
L5270.0	505271.3	5409390.4	13418.90039	334.52	48.9	48.837466	-86.928164	56126.67	56250.5	-0.54	56126.13	56211.76172	56794.22292	56808.63672	505271.3	5409390.4
L5270.0	505271.3	5409390.4	13419.00000	335.54	39.32	48.837466	-86.928164	56119.46	56250.5	-0.54	56118.92	56205.60156	56808.72186	56824.01953	505271.3	5409390.4
L5270.0	505271.3	5409388.8	13419.09961	335.59	42.03	48.837451	-86.928164	56111.90	56250.5	-0.54	56111.36	56199.08594	56820.57142	56836.76172	505271.3	5409388.8
L5270.0	505271.3	5409387.8	13419.20020	335.76	46.04	48.837443	-86.928164	56104.02	56250.5	-0.53	56103.49	56192.25000	56830.65712	56847.75391	505271.3	5409387.8
L5270.0	505271.3	5409386.4	13419.29981	336.30	46.04	48.837430	-86.928165	56095.73	56250.5	-0.53	56095.20	56184.98438	56836.17743	56854.18750	505271.3	5409386.4
L5270.0	505271.3	5409385.0	13419.40039	336.67	48.29	48.837417	-86.928165	56087.03	56250.5	-0.53	56086.50	56177.30078	56837.34758	56856.26563	505271.3	5409385.0
L5270.0	505271.2	5409383.5	13419.50000	335.87	48.37	48.837404	-86.928166	56078.03	56250.5	-0.53	56077.50	56169.30469	56836.82688	56856.65625	505271.2	5409383.5
L5270.0	505271.2	5409381.8	13419.59961	336.28	48.37	48.837389	-86.928166	56068.64	56250.5	-0.52	56068.12	56160.91797	56832.65725	56853.40625	505271.2	5409381.8
L5270.0	505271.2	5409381.8	13419.70020	334.97	48.04	48.837389	-86.928166	56058.90	56250.5	-0.52	56058.38	56152.16406	56825.22785	56846.90234	505271.2	5409381.8
L5270.0	505271.2	5409380.2	13419.79981	336.52	48.08	48.837375	-86.928167	56048.73	56250.5	-0.52	56048.22	56142.97656	56813.01048	56835.61719	505271.2	5409380.2
L5270.0	505271.2	5409380.2	13419.90039	335.63	48.08	48.837375	-86.928167	56038.19	56250.5	-0.51	56037.68	56133.39453	56796.88210	56820.41016	505271.2	5409380.2
L5270.0	505271.1	5409378.5	13420.00000	336.42	48.86	48.837359	-86.928167	56027.29	56250.5	-0.51	56026.78	56123.43750	56777.20246	56801.65234	505271.1	5409378.5
L5270.0	505271.1	5409376.6	13420.09961	334.37	48.86	48.837342	-86.928168	56016.11	56250.5	-0.51	56015.59	56113.17969	56755.48870	56780.86328	505271.1	5409376.6
L5270.0	505271.1	5409375.1	13420.20020	332.86	49.26	48.837328	-86.928168	56004.52	56250.5	-0.52	56004.00	56102.50391	56728.95903	56755.26563	505271.1	5409375.1
L5270.0	505271.0	5409373.7	13420.29981	332.24	49.26	48.837315	-86.928168	55992.58	56250.5	-0.52	55992.06	56091.46484	56698.62195	56725.85938	505271.0	5409373.7
L5270.0	505271.0	5409373.7	13420.40039	331.09	49.87	48.837315	-86.928168	55980.21	56250.5	-0.52	55979.69	56079.98047	56662.40558	56690.56250	505271.0	5409373.7
L5270.0	505271.0	5409372.0	13420.50000	331.61	49.87	48.837300	-86.928168	55967.59	56250.5	-0.53	55967.06	56068.21875	56624.05554	56653.12500	505271.0	5409372.0
L5270.0	505271.0	5409372.0	13420.50000	331.61	50	48.837300	-86.928168	55954.51	56250.5	-0.53	55953.99	56056.00000	56579.03896	56609.02734	505271.0	5409372.0
L5270.0	505271.0	5409370.3	13420.70020	333.72	50.53	48.837285	-86.928168	55941.06	56250.5	-0.53	55940.52	56043.36719	56527.99212	56558.89844	505271.0	5409370.3
L5270.0	505271.0	5409368.8	13420.79981	334.79	45	48.837272	-86.928168	55927.34	56250.5	-0.53	55926.81	56030.47266	56474.33799	56506.15625	505271.0	5409368.8
L5270.0	505271.0	5409367.0	13420.90039	333.69	45	48.837255	-86.928168	55913.20	56250.5	-0.54	55912.67	56017.12500	56413.25770	56445.97266	505271.0	5409367.0

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5270.0	505271.0	5409365.4	13421.00000	333.94	45.34	48.837241	-86.928168	55898.86	56250.5	-0.54	55898.32	56003.55469	56349.53725	56383.14063	505271.0	5409365.4
L5270.0	505271.0	5409364.2	13421.09961	334.63	45.34	48.837230	-86.928168	55884.17	56250.5	-0.54	55883.63	55989.62109	56279.72173	56314.21094	505271.0	5409364.2
L5270.0	505271.0	5409364.2	13421.20020	333.20	54.01	48.837230	-86.928168	55869.34	56250.5	-0.54	55868.81	55975.53906	56208.32476	56243.69922	505271.0	5409364.2
L5270.0	505271.0	5409362.9	13421.29981	335.19	54.01	48.837219	-86.928168	55854.22	56250.5	-0.54	55853.68	55961.12500	56130.67919	56166.92969	505271.0	5409362.9
L5270.0	505271.1	5409361.8	13421.40039	336.65	53.33	48.837208	-86.928168	55838.99	56250.5	-0.54	55838.45	55946.58594	56051.28673	56088.39453	505271.1	5409361.8
L5270.0	505271.1	5409360.3	13421.50000	334.74	50.87	48.837196	-86.928168	55823.51	56250.5	-0.54	55822.97	55931.77734	55966.14903	56004.10156	505271.1	5409360.3
L5270.0	505271.1	5409358.6	13421.59961	335.59	50.87	48.837180	-86.928168	55808.00	56250.5	-0.53	55807.47	55916.92578	55880.25396	55919.04297	505271.1	5409358.6
L5270.0	505271.1	5409358.6	13421.70020	335.89	51.97	48.837180	-86.928168	55792.29	56250.5	-0.53	55791.76	55901.84375	55788.68606	55828.30859	505271.1	5409358.6
L5270.0	505271.1	5409357.1	13421.79981	335.45	51.97	48.837167	-86.928168	55776.66	56250.5	-0.53	55776.13	55886.81641	55697.92911	55738.37500	505271.1	5409357.1
L5270.0	505271.1	5409355.7	13421.90039	336.12	49.8	48.837153	-86.928168	55760.93	56250.5	-0.53	55760.39	55871.65625	55603.12087	55644.36328	505271.1	5409355.7
L5270.0	505271.1	5409354.3	13422.00000	335.66	49.05	48.837141	-86.928168	55745.18	56250.5	-0.53	55744.65	55856.46875	55506.54340	55548.57031	505271.1	5409354.3
L5270.0	505271.1	5409353.0	13422.09961	334.35	49.05	48.837129	-86.928168	55729.54	56250.5	-0.53	55729.00	55841.34766	55410.03571	55452.83594	505271.1	5409353.0
L5270.0	505271.1	5409353.0	13422.20020	333.65	47.23	48.837129	-86.928168	55713.96	56250.5	-0.53	55713.43	55826.28516	55313.07692	55356.64063	505271.1	5409353.0
L5270.0	505271.1	5409350.9	13422.29981	334.17	47.23	48.837111	-86.928168	55698.51	56250.5	-0.53	55697.97	55811.30078	55216.15600	55260.46875	505271.1	5409350.9
L5270.0	505271.1	5409349.5	13422.40039	335.93	49.13	48.837098	-86.928168	55683.17	56250.5	-0.53	55682.64	55796.42578	55119.48292	55164.51953	505271.1	5409349.5
L5270.0	505271.1	5409348.5	13422.50000	335.69	45.67	48.837089	-86.928168	55668.10	56250.5	-0.53	55667.56	55781.76953	55025.61285	55071.35547	505271.1	5409348.5
L5270.0	505271.1	5409346.8	13422.50000	335.69	45.67	48.837074	-86.928168	55653.43	56250.5	-0.53	55652.90	55767.51172	54938.25169	54984.68359	505271.1	5409346.8
L5270.0	505271.1	5409345.9	13422.70020	335.73	50.26	48.837065	-86.928168	55638.92	56250.5	-0.54	55638.39	55753.37500	54850.63560	54897.74609	505271.1	5409345.9
L5270.0	505271.1	5409345.9	13422.79981	336.15	50.69	48.837065	-86.928168	55624.80	56250.5	-0.54	55624.26	55739.58984	54767.85448	54815.62500	505271.1	5409345.9
L5270.0	505271.1	5409344.4	13422.90039	335.52	52.04	48.837052	-86.928168	55611.04	56250.5	-0.54	55610.50	55726.14844	54689.24946	54737.65625	505271.1	5409344.4
L5270.0	505271.1	5409343.0	13423.00000	335.12	52.04	48.837040	-86.928168	55597.85	56250.5	-0.54	55597.31	55713.25000	54619.10005	54668.11719	505271.1	5409343.0
L5270.0	505271.1	5409341.4	13423.09961	333.84	51.68	48.837025	-86.928168	55585.11	56250.5	-0.54	55584.57	55700.77344	54554.10222	54603.71094	505271.1	5409341.4
L5270.0	505271.1	5409340.6	13423.20020	332.74	52.66	48.837018	-86.928168	55572.77	56250.5	-0.54	55572.23	55688.66797	54492.62806	54542.81641	505271.1	5409340.6
L5270.0	505271.1	5409338.9	13423.29981	333.58	52.66	48.837003	-86.928168	55560.92	56250.5	-0.53	55560.38	55677.02734	54436.34151	54487.08984	505271.1	5409338.9
L5270.0	505271.1	5409337.7	13423.40039	333.68	51.84	48.836992	-86.928168	55549.36	56250.5	-0.53	55548.83	55665.65625	54380.31996	54431.59766	505271.1	5409337.7
L5270.0	505271.1	5409337.7	13423.50000	335.53	52.59	48.836992	-86.928168	55538.27	56250.5	-0.53	55537.74	55654.71484	54327.98551	54379.76563	505271.1	5409337.7
L5270.0	505271.1	5409336.3	13423.59961	333.67	51.05	48.836979	-86.928168	55527.79	56250.5	-0.53	55527.26	55644.35547	54282.50434	54334.76953	505271.1	5409336.3
L5270.0	505271.1	5409335.1	13423.70020	333.54	51.05	48.836969	-86.928168	55517.82	56250.5	-0.53	55517.29	55634.48047	54241.25840	54293.99219	505271.1	5409335.1
L5270.0	505271.1	5409334.0	13423.79981	332.82	52.35	48.836958	-86.928168	55508.52	56250.5	-0.52	55507.99	55625.24609	54207.80265	54260.98047	505271.1	5409334.0
L5270.0	505271.1	5409332.7	13423.90039	334.18	52.13	48.836947	-86.928168	55499.74	56250.5	-0.52	55499.22	55616.50781	54178.68345	54232.27344	505271.1	5409332.7
L5270.0	505271.1	5409330.9	13424.00000	334.20	52.13	48.836930	-86.928168	55491.64	56250.5	-0.52	55491.12	55608.41406	54157.04670	54211.02344	505271.1	5409330.9
L5270.0	505271.1	5409330.9	13424.09961	333.92	50.21	48.836930	-86.928168	55483.96	56250.5	-0.52	55483.44	55600.71094	54136.85047	54191.19141	505271.1	5409330.9
L5270.0	505271.2	5409329.0	13424.20020	333.11	48.91	48.836913	-86.928167	55476.89	56250.5	-0.52	55476.37	55593.59375	54122.47596	54177.16406	505271.2	5409329.0
L5270.0	505271.2	5409327.5	13424.29981	336.66	51.93	48.836900	-86.928167	55470.25	56250.5	-0.53	55469.72	55586.86328	54109.33750	54164.34375	505271.2	5409327.5
L5270.0	505271.2	5409326.1	13424.40039	335.93	51.93	48.836888	-86.928167	55464.23	56250.5	-0.53	55463.71	55580.74219	54102.55599	54157.85156	505271.2	5409326.1
L5270.0	505271.2	5409326.1	13424.50000	339.38	48.94	48.836888	-86.928167	55458.79	56250.5	-0.53	55458.26	55575.15625	54100.21255	54155.76953	505271.2	5409326.1
L5270.0	505271.2	5409324.0	13424.50000	339.38	50.17	48.836868	-86.928167	55454.08	56250.5	-0.53	55453.55	55570.28125	54106.58248	54162.37891	505271.2	5409324.0
L5270.0	505271.2	5409323.0	13424.59961	339.49	51.58	48.836860	-86.928167	55449.84	56250.5	-0.53	55449.31	55565.84375	54115.25554	54171.26953	505271.2	5409323.0
L5270.0	505271.2	5409321.8	13424.79981	337.04	48.59	48.836849	-86.928167	55446.36	56250.5	-0.54	55445.82	55562.13281	54132.93028	54189.13672	505271.2	5409321.8
L5270.0	505271.2	5409320.4	13424.90039	335.18	48.59	48.836836	-86.928167	55443.25	56250.5	-0.54	55442.71	55558.77344	54150.80835	54207.17188	505271.2	5409320.4
L5270.0	505271.2	5409319.0	13425.00000	336.26	48.25	48.836824	-86.928167	55440.64	56250.5	-0.54	55440.10	55555.88281	54171.79403	54228.28906	505271.2	5409319.0
L5270.0	505271.2	5409319.0	13425.09961	337.19	48.77	48.836824	-86.928167	55438.36	56250.5	-0.54	55437.82	55553.29688	54191.85679	54248.45703	505271.2	5409319.0
L5270.0	505271.2	5409317.3	13425.20020	334.89	48.97	48.836809	-86.928167	55436.68	56250.5	-0.54	55436.14	55551.28516	54217.52387	54274.21094	505271.2	5409317.3
L5270.0	505271.2	5409315.9	13425.29981	333.92	48.97	48.836796	-86.928167	55435.50	56250.5	-0.54	55434.96	55549.74219	54246.46953	54303.21875	505271.2	5409315.9
L5270.0	505271.2	5409314.5	13425.40039	334.31	48.97	48.836783	-86.928167	55434.88	56250.5	-0.54	55434.33	55548.72656	54279.95189	54336.72656	505271.2	5409314.5
L5270.0	505271.2	5409313.3	13425.50000	335.27	49.09	48.836772	-86.928167	55434.75	56250.5	-0.54	55434.21	55548.19141	54317.06200	54373.83594	505271.2	5409313.3
L5270.0	505271.2	5409312.3	13425.59961	337.71	49.09	48.836763	-86.928167	55435.22	56250.5	-0.54	55434.68	55548.21875	54359.77823	54416.52734	505271.2	5409312.3
L5270.0	505271.2	5409310.9	13425.70020	337.87	49.19	48.836751	-86.928166	55436.08	56250.5	-0.54	55435.54	55548.61328	54403.38542	54460.08594	505271.2	5409310.9
L5270.0	505271.2	5409309.6	13425.79981	336.50	49.27	48.836740	-86.928166	55437.36	56250.5	-0.54	55436.82	55549.40234	54448.71082	54505.33984	505271.2	5409309.6
L5270.0	505271.2	5409309.6	13425.90039	335.31	49.15	48.836740	-86.928166	55438.88	56250.5	-0.54	55438.34	55550.40234	54491.52229	54548.05078	505271.2	5409309.6
L5270.0	505271.3	5409308.2	13426.00000	336.14	49.15	48.836727	-86.928166	55440.84	56250.5	-0.54	55440.30	55551.82031	54536.78325	54593.17969	505271.3	5409308.2
L5270.0	505271.3	5409307.2	13426.09961	334.95	48.92	48.836717	-86.928166	55443.10	56250.5	-0.54	55442.56	55553.51563	54581.23369	54637.47266	505271.3	5409307.2
L5270.0	505271.3	5409305.8	13426.20020	335.96	48.92	48.836705	-86.928166	55445.73	56250.5	-0.53	55445.19	55555.55469	54626.72589	54682.78906	505271.3	5409305.8
L5270.0	505271.3	5409304.4	13426.29981	336.19	48.84	48.836692	-86.928165	55448.74	56250.5	-0.53	55448.21	55557.95703	54673.91149	54729.77734	505271.3	5409304.4
L5270.0	505271.3	5409302.9	13426.40039	332.81	49.93	48.836679	-86.928165	55452.05	56250.5	-0.53	55451.52	55560.62891	54720.54653	54776.17969	505271.3	5409302.9
L5270.0	505271.3	5409301.7	13426.50000	333.33	50.89	48.836668	-86.928165	55455.58	56250.5	-0.53	55455.06	55563.51172	54765.39001	54820.76563	505271.3	5409301.7
L5270.0	505271.3	5409301.7	13426.50000	333.33	51.51	48.836668	-86.928165	55459.46	56250.5	-0.53	55458.94	55566.70703	54811.30487	54866.40234	505271.3	5409301.7
L5270.0	505271.3	5409300.0	13426.70020	333.92	51.51	48.836653	-86.928165	55463.46	56250.5	-0.52	55462.94	55570.00391	54853.20935	54908.00781	505271.3	5409300.0
L5270.0	505271.4	5409299.0	13426.79981	337.77	51.83	48.836644	-86.928165	55467.82	56250.5	-0.52	55467.30	55573.63672	54897.16549	54951.64453	505271.4	5409299.0
L5270.0	505271.4	5409297.5	13426.90039	337.15	50.84	48.836631	-86.928165	55472.23	56250.5	-0.51	55471.72	55577.31250	54936.13951	54990.26563	505271.4	5409297.5
L5270.0	505271.4	5409295.9	13427.00000	336.57	50.84	48.836616	-86.928165	55476.97	56250.5	-0.51	55476.46	55581.28516	54976.67135	55030.42578	505271.4	5409295.9
L5270.0	505271.4	5409294.1	13427.09961	334.99	51.82	48.836599	-86.928165	55481.84	56250.5	-0.51	55481.32	55585.35938	55014.15743	55067.51563	505271.4	5409294.1
L5270.0	505271.4	5409294.1	13427.20020	336.04	45.78	48.836599	-86.928165	55486.95	56250.5	-0.52	55486.43	55589.66406	55052.00023	55104.94531	505271.4	5409294.1
L5270.0	505271.4	5409292.9	13427.29981	337.04	45.78	48.836589	-86.928164	55492.14	56250.5	-0.52	55491.62	55594.03125	55086.34573	55138.85547	505271.4	5409292.9
L5270.0	505271.4	5409291.5	13427.40039	335.64	46.11	48.836576	-86.928164	55497.58	56250.5	-0.52	55497.06	55598.63281	55121.55357	55173.60547	505271.4	5409291.5
L5270.0	505271.4	5409290.5	13427.50000	335.13	54.07	48.836567	-86.928164	55503.07	56250.5	-0.53	55502.54	55603.25391	55152.82453	55204.39453	505271.4	5409290.5
L5270.0	505271.4	5409289.1	13427.59961	335.10	52.09	48.836555	-86.928164	55508.74	56250.5	-0.53	55508.21	55608.04688	55184.04133	55235.10938	505271.4	5409289.1
L5270.0	505271.4	5409287.9	13427.70020	333.97	52.09	48.836544	-86.928164	55514.48	56250.5	-0.53	55513.95	55612.89844	55212.58730	55263.14063	505271.4	5409287.9
L5270.0	505271.4	5409287.0	13427.79981	332.63	54.38	48.836536	-86.928164	55520.40	56250.5	-0.53	55519.86	55617.90234	55241.14176	55291.16016	505271.4	5409287.0
L5270.0	505271.4	5409285.7	13427.90039	333.56	56.12	48.836524	-86.928164	55526.36	56250.5	-0.54	55525.83	55622.94922	55267.33977	55316.80078	505271.4	5409285.7
L5270.0	505271.4	5409284.4	13428.00000	333.65	56.12	48.836512	-86.928164	55532.46	56250.5	-0.54	55531.92	55628.10547	55292.89574	55341.78125	505271.4	5409284.4
L5270.0	505271.4	5409282.7	13428.09961	334.16	55.72	48.836497	-86.928164	55538.55	56250.5	-0.54	55538.01	55633.24609	55315.21093	55363.50781	505271.4	5409282.7
L5270.0	505271.4	5409282.7	13428.20020	334.88	55.46	48.836497	-86.928164	55544.74	56250.5	-0.54	55544.20	55638.47656	55336.95129	55384.64063	505271.4	5409282.7
L5270.0	505271.4	5409280.7	13428.29981	335.81	55.46	48.836479	-86.928164	55550.96	56250.5	-0.54	55550.41	55643.71484	55356.46877	55403.53906	505271.4	5409280.7
L5270.0	505271.4	5409279.2	13428.40039	335.84	56.48	48.836465	-86.928164	55557.18	56250.5	-0.54	55556.64	55648.95703	55374.02743	55420.45703	505271.4	5409279.2
L5270.0	505271.5	5409278.0	13428.50000	336.71	59.47	48.836455	-86.928164	55563.45	56250.5	-0.54	55562.90	55654.22266	55390.12276	55435.89844	505271.5	5409278.0
L5270.0	505271.5	5409276.6	13428.50000	336.71	59.47	48.836442	-86.928164	55569.76	56250.5	-0.54	55569.22	55659.53516	55405.72012	55450.82813	505271.5	5409276.6
L5270.0	505271.5	5409276.6	13428.70020	326.46	58.08	48.836442	-86.928164	55576.09	56250.5	-0.55	55575.54	55664.84375	55419.63456	55464.06250	505271.5	5409276.6
L5270.0	505271.5	5409275.1	13428.79981	335.94	57.28	48.836429	-86.928164	55582.45	56250.5	-0.55	55581.90	55670.17578	55433.06297	55476.80078	505271.5	5409275.1
L5270.0	505271.5	5409273.7	13428.90039	335.70	59.94	48.836416	-86.928164	55588.87	56250.5	-0.55	55588.32	55675.56641	55446.71947	55489.75391	505271.5	5409273.7
L5270.0	505271.5	5409273.7	13429.00000	336.44	59.94	48.836416	-86.928164	55595.31	56250.6	-0.55	55594.76	55680.96484	55459.86992	55502.18359	505271.5	5409273.7
L5270.0	505271.5	5409271.8	13429.09961	335.15	58.8	48.836399	-86.928164	55601.82	56250.5	-0.55	55601.27	55686.42969	55473.92465	55515.51172	505271.5	5409271.8
L5270.0	505271.5	5409270.2	13429.20020	336.15	58.8	48.836385	-86.928164	55608.23	56250.5	-0.55	55607.68	55691.78516	55485.01437	55525.86719	505271.5	5409270.2
L5270.0	505271.5	5409268.6	13429.29981	335.78	56.78	48.836370	-86.928163	55614.69	56250.5	-0.54	55614.14	55697.18750	55496.92623	55537.03516	505271.5	5409268.6
L5270.0	505271.5	5409267.8	13429.40039	334.09	56.78	48.836363	-86.928163	55621.09	56250.5	-0.54	55620.55	55702.53516	55507.44526	55546.79688	505271.5	5409267.8
L5270.0	505271.5	5409266.1	13429.50000	333.76	58.04	48.836348	-86.928163	55627.45	56250.5	-0.54	55626.91	55707.82813	55516.74234	55555.33203	505271.5	5409266.1
L5270.0	505271.5	5409264.9	13429.59961	335.48	58.04	48.836337	-86.928163	55633.75	56250.5	-0.54	55633.21	55713.05469	55524.74210	55562.56250	505271.5	5409264.9
L5270.0	505271.5	5409263.5	13429.59961	335.48	56.53	48.836324	-86.928163	55640.02	56250.5	-0.54	55639.48	55718.25391	55532.32338	55569.36719	505271.5	5409263.5
L5270.0	505271.5	5409263.5	13429.79981	337.23	65.01	48.836324	-86.928163	55646.21	56250.5	-0.53	55645.68	55723.37891	55538.66996	55574.93359	505271.5	5409263.5
L5270.0	505271.6	5409261.7	13429.90039	336.70	65.01	48.836309	-86.928163	55652.51	56250.5	-0.53	55651.98	55728.59766	55547.99902	55583.48047	505271.6	5409261.7
L5270.0	505271.6	5409260.0	13430.00000	335.30	64.89	48.836293	-86.928163	55658.62	56250.5	-0.53	55658.09	55733.63281	55553.47382	55588.16406	505271.6	5409260.0
L5270.0	505271.6	5409258.6	13430.09961	335.30	64.89	48.836281	-86.928162	55664.89	56250.5	-0.53	55664.36	55738.82031	55563.61969	55597.51563	505271.6	5409258.6
L5270.0	505271.6	5409258.6	13430.20020	335.26	63.17	48.836281	-86.928162	55670.89	56250.5	-0.53	55670.36	55743.74219	55568.21639	55601.31641	505271.6	5409258.6

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5270.0	505271.6	5409256.9	13430.29981	335.26	63.17	48.836265	-86.928162	55677.02	56250.5	-0.53	55676.48	55748.78516	55576.73314	55609.03516	505271.6	5409256.9
L5270.0	505271.6	5409255.2	13430.40039	335.99	64.04	48.836250	-86.928162	55682.99	56250.5	-0.53	55682.46	55753.69141	55583.01416	55614.51563	505271.6	5409255.2
L5270.0	505271.6	5409255.2	13430.50000	334.89	64.04	48.836250	-86.928162	55688.98	56250.5	-0.54	55688.45	55758.60547	55590.74559	55621.44922	505271.6	5409255.2
L5270.0	505271.6	5409253.7	13430.50000	334.89	66.53	48.836237	-86.928162	55694.81	56250.5	-0.54	55694.27	55763.35547	55595.67392	55625.57422	505271.6	5409253.7
L5270.0	505271.6	5409252.0	13430.70020	334.74	66.82	48.836221	-86.928162	55700.75	56250.5	-0.54	55700.21	55768.22656	55604.84026	55633.94141	505271.6	5409252.0
L5270.0	505271.6	5409250.1	13430.79981	336.16	66.82	48.836204	-86.928162	55706.53	56250.5	-0.54	55705.99	55772.94141	55611.57039	55639.87500	505271.6	5409250.1
L5270.0	505271.6	5409248.7	13430.90039	337.82	65.03	48.836191	-86.928162	55712.34	56250.5	-0.54	55711.80	55777.69141	55620.49090	55648.00000	505271.6	5409248.7
L5270.0	505271.6	5409248.7	13431.00000	336.23	65.03	48.836191	-86.928162	55718.02	56250.5	-0.54	55717.48	55782.31641	55627.79431	55654.51172	505271.6	5409248.7
L5270.0	505271.6	5409247.0	13431.09961	335.98	68	48.836176	-86.928162	55723.81	56250.5	-0.54	55723.27	55787.05859	55639.30953	55665.23438	505271.6	5409247.0
L5270.0	505271.6	5409245.6	13431.20020	334.15	68	48.836163	-86.928162	55729.43	56250.5	-0.54	55728.90	55791.64453	55648.55916	55673.69922	505271.6	5409245.6
L5270.0	505271.6	5409243.9	13431.29981	333.69	68.05	48.836148	-86.928162	55735.07	56250.5	-0.54	55734.54	55796.24609	55659.67551	55684.03516	505271.6	5409243.9
L5270.0	505271.6	5409243.9	13431.40039	335.02	68.05	48.836148	-86.928162	55740.68	56250.5	-0.54	55740.14	55800.81641	55671.47681	55695.06250	505271.6	5409243.9
L5270.0	505271.6	5409242.5	13431.50000	334.78	67.53	48.836135	-86.928162	55746.18	56250.5	-0.54	55745.64	55805.29297	55682.52977	55705.34375	505271.6	5409242.5
L5270.0	505271.6	5409241.0	13431.59961	335.65	65.99	48.836122	-86.928162	55751.62	56250.5	-0.53	55751.09	55809.73047	55694.05779	55716.10938	505271.6	5409241.0
L5270.0	505271.6	5409239.6	13431.70020	336.47	65.99	48.836110	-86.928163	55756.88	56250.5	-0.53	55756.35	55813.98047	55702.66806	55723.96094	505271.6	5409239.6
L5270.0	505271.6	5409239.6	13431.79981	335.55	69.01	48.836110	-86.928163	55762.12	56250.5	-0.53	55761.59	55818.22266	55712.48612	55733.03125	505271.6	5409239.6
L5270.0	505271.6	5409238.0	13431.90039	334.87	70.14	48.836095	-86.928163	55767.25	56250.5	-0.53	55766.71	55822.35547	55721.07718	55740.88281	505271.6	5409238.0
L5270.0	505271.6	5409236.5	13432.00000	336.61	70.14	48.836082	-86.928163	55772.27	56250.5	-0.53	55771.74	55826.40625	55729.15928	55748.23438	505271.6	5409236.5
L5270.0	505271.6	5409234.9	13432.09961	336.70	68.39	48.836067	-86.928163	55777.24	56250.5	-0.53	55776.71	55830.40625	55737.44879	55755.80078	505271.6	5409234.9
L5270.0	505271.6	5409234.9	13432.20020	337.20	68.39	48.836067	-86.928163	55782.20	56250.5	-0.53	55781.67	55834.41016	55747.14576	55764.78516	505271.6	5409234.9
L5270.0	505271.5	5409233.7	13432.29981	335.06	68.39	48.836057	-86.928163	55787.12	56250.5	-0.54	55786.58	55838.37109	55757.25704	55774.19531	505271.5	5409233.7
L5270.0	505271.5	5409232.3	13432.40039	335.73	69.08	48.836044	-86.928163	55791.96	56250.5	-0.54	55791.42	55842.27344	55767.27303	55783.51953	505271.5	5409232.3
L5270.0	505271.5	5409232.3	13432.50000	333.99	68.97	48.836044	-86.928163	55796.75	56250.5	-0.54	55796.21	55846.13672	55777.65610	55793.22266	505271.5	5409232.3
L5270.0	505271.5	5409230.6	13432.50000	333.99	68.97	48.836029	-86.928163	55801.40	56250.5	-0.54	55800.86	55849.87500	55786.19638	55801.09375	505271.5	5409230.6
L5270.0	505271.5	5409229.2	13432.70020	332.17	72.64	48.836016	-86.928163	55806.00	56250.5	-0.54	55805.46	55853.57422	55795.05701	55809.29688	505271.5	5409229.2
L5270.0	505271.5	5409228.1	13432.79981	336.80	71.04	48.836006	-86.928163	55810.58	56250.5	-0.55	55810.04	55857.26172	55804.93981	55818.53516	505271.5	5409228.1
L5270.0	505271.6	5409226.6	13432.90039	336.58	71.04	48.835992	-86.928163	55815.14	56250.5	-0.55	55814.59	55860.93750	55815.57562	55828.53906	505271.6	5409226.6
L5270.0	505271.6	5409225.1	13433.00000	338.29	70.77	48.835979	-86.928163	55819.52	56250.6	-0.55	55818.97	55864.45313	55823.54675	55835.89063	505271.6	5409225.1
L5270.0	505271.6	5409225.1	13433.09961	338.51	68.25	48.835979	-86.928163	55823.89	56250.5	-0.55	55823.34	55867.97266	55832.70782	55844.44531	505271.6	5409225.1
L5270.0	505271.6	5409223.7	13433.20020	336.61	70.61	48.835966	-86.928163	55828.16	56250.5	-0.55	55827.62	55871.41406	55841.09731	55852.24609	505271.6	5409223.7
L5270.0	505271.6	5409221.7	13433.29981	336.17	70.61	48.835949	-86.928163	55832.41	56250.5	-0.55	55831.86	55874.82813	55849.90389	55860.47266	505271.6	5409221.7
L5270.0	505271.6	5409220.3	13433.40039	333.92	71.69	48.835935	-86.928163	55836.56	56250.5	-0.55	55836.02	55878.17969	55858.13856	55868.14453	505271.6	5409220.3
L5270.0	505271.6	5409220.3	13433.50000	334.16	70.8	48.835935	-86.928163	55840.64	56250.5	-0.54	55840.09	55881.45313	55865.54004	55875.00000	505271.6	5409220.3
L5270.0	505271.6	5409218.8	13433.59961	334.69	70.8	48.835923	-86.928163	55844.64	56250.5	-0.54	55844.09	55884.66797	55872.57320	55881.50000	505271.6	5409218.8
L5270.0	505271.6	5409217.4	13433.70020	333.62	71.6	48.835910	-86.928163	55848.65	56250.5	-0.54	55848.11	55887.91797	55881.40179	55889.80859	505271.6	5409217.4
L5270.0	505271.6	5409217.4	13433.79981	336.20	73.25	48.835910	-86.928163	55852.50	56250.5	-0.54	55851.95	55891.00391	55887.15957	55895.06250	505271.6	5409217.4
L5270.0	505271.6	5409215.3	13433.90039	335.02	72.18	48.835890	-86.928162	55856.34	56250.5	-0.54	55855.80	55894.11328	55894.43821	55901.85547	505271.6	5409215.3
L5270.0	505271.6	5409213.8	13434.00000	334.72	72.57	48.835878	-86.928162	55860.11	56250.5	-0.54	55859.57	55897.16016	55901.03749	55907.98438	505271.6	5409213.8
L5270.0	505271.6	5409212.4	13434.09961	334.88	73.36	48.835865	-86.928162	55863.81	56250.5	-0.54	55863.27	55900.14844	55907.18288	55913.67188	505271.6	5409212.4
L5270.0	505271.7	5409211.0	13434.20020	336.48	73.36	48.835852	-86.928162	55867.49	56250.5	-0.54	55866.95	55903.13281	55914.08145	55920.12891	505271.7	5409211.0
L5270.0	505271.7	5409211.0	13434.29981	337.13	70.32	48.835852	-86.928162	55871.09	56250.5	-0.54	55870.55	55906.05078	55920.25413	55925.87891	505271.7	5409211.0
L5270.0	505271.7	5409209.1	13434.40039	338.05	70.26	48.835835	-86.928162	55874.63	56250.5	-0.54	55874.09	55908.92188	55926.17260	55931.38672	505271.7	5409209.1
L5270.0	505271.7	5409207.8	13434.50000	336.54	70.89	48.835823	-86.928162	55878.13	56250.5	-0.54	55877.58	55911.75781	55932.06686	55936.89063	505271.7	5409207.8
L5270.0	505271.7	5409206.3	13434.50000	336.54	69.47	48.835810	-86.928162	55881.56	56250.5	-0.54	55881.02	55914.56250	55937.92212	55942.37109	505271.7	5409206.3
L5270.0	505271.7	5409206.3	13434.59961	336.83	69.64	48.835810	-86.928162	55884.92	56250.5	-0.54	55884.38	55917.29688	55942.97854	55947.06641	505271.7	5409206.3
L5270.0	505271.7	5409204.4	13434.79981	336.56	69.64	48.835793	-86.928162	55888.21	56250.5	-0.54	55887.67	55919.98047	55947.46436	55951.20703	505271.7	5409204.4
L5270.0	505271.7	5409203.2	13434.90039	337.11	73.48	48.835782	-86.928162	55891.45	56250.5	-0.54	55890.91	55922.62500	55951.86404	55955.28125	505271.7	5409203.2
L5270.0	505271.7	5409202.5	13435.00000	338.05	74.26	48.835775	-86.928162	55894.66	56250.5	-0.54	55894.12	55925.25781	55956.67066	55959.77734	505271.7	5409202.5
L5270.0	505271.7	5409201.2	13435.09961	337.91	73.25	48.835764	-86.928162	55897.75	56250.5	-0.54	55897.20	55927.77344	55959.36477	55962.17578	505271.7	5409201.2
L5270.0	505271.7	5409199.8	13435.20020	338.82	73.25	48.835751	-86.928162	55900.84	56250.5	-0.54	55900.30	55930.32031	55963.70730	55966.23828	505271.7	5409199.8
L5270.0	505271.7	5409198.6	13435.29981	340.19	72.47	48.835741	-86.928162	55903.79	56250.5	-0.55	55903.25	55932.73438	55965.40866	55967.67578	505271.7	5409198.6
L5270.0	505271.7	5409197.2	13435.40039	339.75	70.36	48.835728	-86.928162	55906.75	56250.5	-0.55	55906.21	55935.17188	55968.44206	55970.46094	505271.7	5409197.2
L5270.0	505271.7	5409196.2	13435.50000	338.38	70.36	48.835719	-86.928162	55909.66	56250.6	-0.55	55909.11	55937.56641	55971.04156	55972.82813	505271.7	5409196.2
L5270.0	505271.7	5409194.9	13435.59961	338.40	66.9	48.835708	-86.928162	55912.52	56250.6	-0.55	55911.97	55939.93359	55973.78035	55975.34766	505271.7	5409194.9
L5270.0	505271.7	5409193.7	13435.70020	336.60	66.9	48.835696	-86.928162	55915.25	56250.6	-0.55	55914.70	55942.18359	55974.37938	55975.74609	505271.7	5409193.7
L5270.0	505271.7	5409192.0	13435.79981	336.97	68.3	48.835682	-86.928162	55917.98	56250.6	-0.56	55917.42	55944.43750	55975.87251	55977.05078	505271.7	5409192.0
L5270.0	505271.7	5409192.0	13435.90039	335.68	70.83	48.835682	-86.928162	55920.62	56250.6	-0.56	55920.06	55946.62500	55976.48685	55977.49219	505271.7	5409192.0
L5270.0	505271.7	5409189.6	13436.00000	335.02	70.83	48.835659	-86.928162	55923.22	56250.6	-0.56	55922.66	55948.78516	55977.23232	55978.08203	505271.7	5409189.6
L5270.0	505271.7	5409189.6	13436.09961	335.90	74.03	48.835659	-86.928162	55925.75	56250.6	-0.56	55925.19	55950.89063	55977.34771	55978.05469	505271.7	5409189.6
L5270.0	505271.6	5409188.4	13436.20020	337.67	75.86	48.835649	-86.928162	55928.23	56250.6	-0.55	55927.67	55952.95703	55977.33646	55977.91406	505271.6	5409188.4
L5270.0	505271.6	5409187.2	13436.29981	337.95	70.92	48.835638	-86.928162	55930.66	56250.6	-0.55	55930.11	55955.00000	55977.44861	55977.91016	505271.6	5409187.2
L5270.0	505271.6	5409185.5	13436.40039	338.60	73.13	48.835622	-86.928162	55933.04	56250.5	-0.55	55932.49	55956.99219	55977.17473	55977.53516	505271.6	5409185.5
L5270.0	505271.6	5409184.0	13436.50000	339.28	73.13	48.835609	-86.928163	55935.39	56250.5	-0.54	55934.84	55958.96875	55977.26970	55977.54297	505271.6	5409184.0
L5270.0	505271.6	5409182.8	13436.50000	339.28	75.02	48.835599	-86.928163	55937.64	56250.5	-0.54	55937.10	55960.86719	55976.21084	55976.41016	505271.6	5409182.8
L5270.0	505271.6	5409181.4	13436.70020	339.55	76.69	48.835586	-86.928163	55939.99	56250.5	-0.54	55939.45	55962.86719	55978.54642	55978.68359	505271.6	5409181.4
L5270.0	505271.6	5409180.2	13436.79981	338.32	73.4	48.835575	-86.928163	55942.12	56250.5	-0.54	55941.58	55964.66016	55976.42737	55976.51563	505271.6	5409180.2
L5270.0	505271.6	5409179.2	13436.90039	335.87	73.4	48.835566	-86.928163	55944.32	56250.5	-0.53	55943.79	55966.54297	55977.43609	55977.48828	505271.6	5409179.2
L5270.0	505271.6	5409178.2	13437.00000	336.21	73.4	48.835557	-86.928163	55946.39	56250.5	-0.53	55945.86	55968.30078	55975.99856	55976.02734	505271.6	5409178.2
L5270.0	505271.6	5409176.7	13437.09961	336.57	74.03	48.835544	-86.928163	55948.39	56250.5	-0.53	55947.86	55969.99609	55973.87644	55973.89063	505271.6	5409176.7
L5270.0	505271.6	5409175.6	13437.20020	336.67	78.85	48.835533	-86.928163	55950.44	56250.5	-0.53	55949.91	55971.75391	55974.09531	55974.10547	505271.6	5409175.6
L5270.0	505271.6	5409174.3	13437.29981	337.94	81.33	48.835522	-86.928163	55952.44	56250.5	-0.53	55951.90	55973.46094	55973.86090	55973.87891	505271.6	5409174.3
L5270.0	505271.6	5409174.3	13437.40039	338.41	85.38	48.835522	-86.928163	55954.36	56250.5	-0.53	55953.82	55975.11328	55972.90776	55972.94531	505271.6	5409174.3
L5270.0	505271.6	5409172.4	13437.50000	338.87	85.38	48.835505	-86.928163	55956.26	56250.5	-0.54	55955.72	55976.75000	55972.46723	55972.53516	505271.6	5409172.4
L5270.0	505271.6	5409171.2	13437.59961	337.08	87.68	48.835495	-86.928163	55958.08	56250.5	-0.54	55957.54	55978.32031	55971.01562	55971.12500	505271.6	5409171.2
L5270.0	505271.6	5409169.8	13437.70020	337.31	87.96	48.835482	-86.928163	55959.95	56250.5	-0.54	55959.41	55979.94922	55971.83665	55971.99219	505271.6	5409169.8
L5270.0	505271.6	5409169.8	13437.79981	337.54	87.96	48.835482	-86.928163	55961.70	56250.5	-0.54	55961.16	55981.46875	55970.63544	55970.85156	505271.6	5409169.8
L5270.0	505271.6	5409168.1	13437.90039	338.82	87.67	48.835466	-86.928163	55963.46	56250.5	-0.54	55962.92	55983.00781	55970.66216	55970.94531	505271.6	5409168.1
L5270.0	505271.6	5409166.7	13438.00000	339.55	88.23	48.835453	-86.928163	55965.21	56250.5	-0.54	55964.67	55984.54297	55971.38978	55971.74609	505271.6	5409166.7
L5270.0	505271.6	5409165.2	13438.09961	336.60	88.23	48.835440	-86.928163	55966.86	56250.5	-0.54	55966.32	55985.98828	55970.55840	55971.00000	505271.6	5409165.2
L5270.0	505271.6	5409163.8	13438.20020	334.81	89.23	48.835428	-86.928163	55968.52	56250.5	-0.54	55967.98	55987.45313	55970.88499	55971.41797	505271.6	5409163.8
L5270.0	505271.6	5409163.8	13438.29981	336.18	89.57	48.835428	-86.928163	55970.17	56250.5	-0.54	55969.63	55988.91797	55971.84398	55972.47656	505271.6	5409163.8
L5270.0	505271.6	5409162.1	13438.40039	336.41	91.87	48.835412	-86.928163	55971.76	56250.5	-0.54	55971.22	55990.32813	55972.17835	55972.91797	505271.6	5409162.1
L5270.0	505271.6	5409160.7	13438.50000	335.73	93.02	48.835400	-86.928163	55973.36	56250.5	-0.54	55972.82	55991.75391	55973.58657	55974.44141	505271.6	5409160.7
L5270.0	505271.6	5409159.8	13438.50000	335.73	93.02	48.835392	-86.928163	55974.97	56250.5	-0.54	55974.43	55993.19922	55976.03624	55977.01172	505271.6	5409159.8
L5270.0	505271.6	5409158.7	13438.70020	335.70	90.36	48.835381	-86.928163	55976.44	56250.5	-0.54	55975.90	55994.51563	55975.83891	55976.93750	505271.6	5409158.7
L5270.0	505271.6	5409156.9	13438.79981	335.47	90.36	48.835366	-86.928163	55977.96	56250.5	-0.54	55977.42	55995.88281	55977.61153	55978.84375	505271.6	5409156.9
L5270.0	505271.6	5409156.0	13438.90039	335.04	93.37	48.835357	-86.928163	55979.40	56250.5	-0.54	55978.86	55997.17969	55978.16025	55979.53125	505271.6	5409156.0
L5270.0	505271.6	5409154.5	13439.00000	335.77	97.34	48.835344	-86.928163	55980.89	56250.5	-0.54	55980.35	55998.53516	55980.62048	55982.13281	505271.6	5409154.5
L5270.0	505271.6	5409154.5	13439.09961	335.56	90.88	48.835344	-86.928163	55982.31	56250.5	-0.54	55981.77	55999.82422	55982.05267	55983.71484	505271.6	5409154.5
L5270.0	505271.6	5409153.1	13439.20020	334.38	93.82	48.835331	-86.928163	55983.68	56250.5	-0.54	55983.14	56001.07031	55982.91986	55984.73438	505271.6	5409153.1
L5270.0	505271.6	5409151.6	13439.29981	334.50	93.82	48.835318	-86.928163	55985.12	56250.5	-0.54	55984.58	56002.39063	55986.10674	55988.08203	505271.6	5409151.6
L5270.0	505271.6	5409150.2	13439.40039	334.11	98.47	48.835305	-86.928163	55986.41	56250.5	-0.54	55985.87	56003.56641	55986.25663	55988.39063	505271.6	5409150.2
L5270.0	505271.7	5409148.6	13439.50000	334.74	94.61	48.835291	-86.928163	55987.72	56250.5	-0.54	55987.19	56004.78125	55987.70910	55990.01172	505271.7	5409148.6

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5270.0	505271.7	5409147.8	13439.59961	335.12	94.61	48.835283	-86.928163	55989.12	56250.5	-0.53	55988.58	56006.06641	55991.41470	55993.88672	505271.7	5409147.8
L5270.0	505271.7	5409146.3	13439.70020	338.77	96.8	48.835271	-86.928163	55990.40	56250.5	-0.53	55989.87	56007.25781	55993.22474	55995.86719	505271.7	5409146.3
L5270.0	505271.7	5409145.1	13439.79981	339.02	103.9	48.835260	-86.928163	55991.64	56250.5	-0.53	55991.11	56008.40625	55994.32766	55997.14844	505271.7	5409145.1
L5270.0	505271.7	5409145.1	13439.90039	337.30	95.41	48.835260	-86.928163	55992.93	56250.5	-0.53	55992.40	56009.60547	55997.13612	56000.13672	505271.7	5409145.1
L5270.0	505271.7	5409143.4	13440.00000	335.43	96.85	48.835244	-86.928163	55994.13	56250.5	-0.53	55993.60	56010.72266	55998.21814	56001.39844	505271.7	5409143.4
L5270.0	505271.7	5409142.0	13440.09961	334.43	96.85	48.835232	-86.928163	55995.41	56250.5	-0.53	55994.89	56011.92969	56001.94563	56005.30859	505271.7	5409142.0
L5270.0	505271.7	5409140.6	13440.20020	334.92	98.76	48.835219	-86.928163	55996.57	56250.5	-0.53	55996.05	56013.01563	56002.92387	56006.47266	505271.7	5409140.6
L5270.0	505271.7	5409139.6	13440.29981	335.90	99.65	48.835209	-86.928163	55997.82	56250.5	-0.52	55997.30	56014.19141	56006.51464	56010.25391	505271.7	5409139.6
L5270.0	505271.7	5409138.2	13440.40039	335.64	92.19	48.835197	-86.928163	55998.93	56250.5	-0.52	55998.40	56015.22266	56006.81803	56010.74609	505271.7	5409138.2
L5270.0	505271.7	5409138.2	13440.50000	336.69	92.19	48.835197	-86.928163	56000.09	56250.5	-0.52	55999.57	56016.32422	56009.20976	56013.32813	505271.7	5409138.2
L5270.0	505271.7	5409136.5	13440.50000	336.69	98.69	48.835182	-86.928163	56001.21	56250.5	-0.52	56000.69	56017.37891	56010.72733	56015.03516	505271.7	5409136.5
L5270.0	505271.7	5409135.1	13440.70020	338.29	103.64	48.835169	-86.928163	56002.32	56250.5	-0.52	56001.80	56018.42969	56012.33562	56016.83594	505271.7	5409135.1
L5270.0	505271.7	5409135.1	13440.79981	338.67	106.96	48.835169	-86.928163	56003.38	56250.5	-0.51	56002.86	56019.42969	56013.03473	56017.73047	505271.7	5409135.1
L5270.0	505271.7	5409132.9	13440.90039	338.45	97.23	48.835150	-86.928163	56004.49	56250.5	-0.51	56003.98	56020.49609	56015.51629	56020.40625	505271.7	5409132.9
L5270.0	505271.7	5409131.9	13441.00000	336.54	107.58	48.835141	-86.928163	56005.56	56250.5	-0.51	56005.04	56021.50000	56016.81360	56021.89844	505271.7	5409131.9
L5270.0	505271.7	5409130.5	13441.09961	334.71	107.27	48.835128	-86.928163	56006.62	56250.5	-0.51	56006.11	56022.51953	56018.63446	56023.91406	505271.7	5409130.5
L5270.0	505271.7	5409129.2	13441.20020	331.62	107.27	48.835117	-86.928163	56007.63	56250.5	-0.51	56007.11	56023.46875	56019.00414	56024.47656	505271.7	5409129.2
L5270.0	505271.7	5409127.3	13441.29981	332.87	105.56	48.835100	-86.928163	56008.64	56250.5	-0.52	56008.13	56024.44141	56020.12074	56025.78906	505271.7	5409127.3
L5270.0	505271.7	5409127.3	13441.40039	331.95	107.27	48.835100	-86.928163	56009.66	56250.5	-0.52	56009.14	56025.40625	56021.23858	56027.10156	505271.7	5409127.3
L5270.0	505271.7	5409125.1	13441.50000	333.38	107.27	48.835080	-86.928162	56010.64	56250.5	-0.52	56010.12	56026.34375	56021.86455	56027.92188	505271.7	5409125.1
L5270.0	505271.7	5409124.0	13441.59961	336.24	106.23	48.835069	-86.928162	56011.60	56250.5	-0.52	56011.08	56027.25781	56022.23955	56028.48828	505271.7	5409124.0
L5270.0	505271.7	5409122.8	13441.70020	336.35	106.23	48.835059	-86.928162	56012.54	56250.5	-0.52	56012.01	56028.14844	56022.12372	56028.56250	505271.7	5409122.8
L5270.0	505271.7	5409121.6	13441.79981	337.80	106.72	48.835048	-86.928162	56013.55	56250.5	-0.53	56013.02	56029.11719	56024.13639	56030.76563	505271.7	5409121.6
L5270.0	505271.7	5409120.6	13441.90039	336.97	106.68	48.835039	-86.928162	56014.48	56250.5	-0.53	56013.95	56030.00781	56024.46012	56031.28125	505271.7	5409120.6
L5270.0	505271.8	5409119.4	13442.00000	335.45	106.68	48.835029	-86.928162	56015.35	56250.5	-0.53	56014.82	56030.83984	56023.60385	56030.61328	505271.8	5409119.4
L5270.0	505271.8	5409119.4	13442.09961	336.00	106.68	48.835029	-86.928162	56016.33	56250.5	-0.53	56015.80	56031.78125	56025.53124	56032.72656	505271.8	5409119.4
L5270.0	505271.8	5409117.9	13442.20020	335.06	106.68	48.835015	-86.928162	56017.19	56250.5	-0.53	56016.67	56032.61328	56025.12745	56032.50781	505271.8	5409117.9
L5270.0	505271.8	5409116.3	13442.29981	335.74	106.68	48.835000	-86.928162	56018.07	56250.5	-0.52	56017.55	56033.45703	56025.18117	56032.74609	505271.8	5409116.3
L5270.0	505271.8	5409114.9	13442.40039	332.89	106.68	48.834988	-86.928162	56018.94	56250.5	-0.52	56018.42	56034.28906	56025.23144	56032.97656	505271.8	5409114.9
L5270.0	505271.8	5409114.9	13442.50000	332.43	106.68	48.834988	-86.928162	56019.80	56250.5	-0.52	56019.28	56035.11328	56025.27940	56033.20703	505271.8	5409114.9
L5270.0	505271.8	5409112.2	13442.50000	332.43	106.68	48.834964	-86.928161	56020.66	56250.5	-0.52	56020.14	56035.93750	56025.54720	56033.65234	505271.8	5409112.2
L5270.0	505271.8	5409112.2	13442.70020	332.52	106.68	48.834964	-86.928161	56021.46	56250.5	-0.52	56020.95	56036.71484	56024.93078	56033.21094	505271.8	5409112.2
L5270.0	505271.8	5409110.8	13442.79981	332.03	106.68	48.834951	-86.928161	56022.35	56250.5	-0.51	56021.84	56037.57031	56026.29012	56034.74219	505271.8	5409110.8
L5270.0	505271.8	5409109.3	13442.90039	330.02	106.68	48.834938	-86.928161	56023.19	56250.5	-0.51	56022.68	56038.37500	56026.76501	56035.38672	505271.8	5409109.3
L5270.0	505271.8	5409108.7	13443.00000	328.63	106.68	48.834932	-86.928161	56023.97	56250.5	-0.51	56023.46	56039.12109	56026.14984	56034.94141	505271.8	5409108.7
L5270.0	505271.8	5409107.4	13443.09961	327.38	106.68	48.834920	-86.928161	56024.75	56250.5	-0.51	56024.24	56039.86328	56025.75198	56034.70703	505271.8	5409107.4
L5270.0	505271.8	5409105.8	13443.20020	326.52	106.68	48.834906	-86.928161	56025.54	56250.5	-0.51	56025.03	56040.62109	56025.78463	56034.90234	505271.8	5409105.8
L5270.0	505271.8	5409104.2	13443.29981	328.66	106.68	48.834891	-86.928161	56026.35	56250.5	-0.51	56025.84	56041.39453	56026.46531	56035.74609	505271.8	5409104.2
L5270.0	505271.8	5409102.8	13443.40039	330.44	106.68	48.834879	-86.928161	56027.08	56250.5	-0.51	56026.58	56042.09766	56025.82935	56035.26563	505271.8	5409102.8
L5270.0	505271.8	5409101.8	13443.50000	329.88	106.68	48.834870	-86.928161	56027.86	56250.5	-0.51	56027.36	56042.84375	56026.27837	56035.87109	505271.8	5409101.8
L5270.0	505271.8	5409101.8	13443.59961	331.82	106.68	48.834870	-86.928161	56028.52	56250.5	-0.50	56028.02	56043.46484	56024.27358	56034.01953	505271.8	5409101.8
L5270.0	505271.8	5409100.4	13443.70020	334.11	106.68	48.834857	-86.928161	56029.34	56250.5	-0.50	56028.83	56044.24219	56025.81166	56035.70313	505271.8	5409100.4
L5270.0	505271.8	5409099.2	13443.79981	336.42	106.68	48.834846	-86.928161	56030.04	56250.5	-0.50	56029.54	56044.91406	56025.31788	56035.35547	505271.8	5409099.2
L5270.0	505271.8	5409097.5	13443.90039	335.09	106.68	48.834831	-86.928161	56030.80	56250.5	-0.50	56030.30	56045.63672	56026.17916	56036.35938	505271.8	5409097.5
L5270.0	505271.8	5409096.4	13444.00000	336.27	118.34	48.834821	-86.928161	56031.48	56250.5	-0.50	56030.98	56046.27734	56025.40462	56035.72656	505271.8	5409096.4
L5270.0	505271.8	5409095.1	13444.09961	334.37	130	48.834810	-86.928161	56032.20	56250.5	-0.50	56031.69	56046.94922	56025.54701	56036.00391	505271.8	5409095.1
L5270.0	505271.8	5409093.9	13444.20020	335.16	130	48.834799	-86.928161	56032.92	56250.5	-0.51	56032.42	56047.64063	56026.41523	56037.00781	505271.8	5409093.9
L5270.0	505271.8	5409093.9	13444.29981	335.11	130	48.834799	-86.928161	56033.56	56250.5	-0.51	56033.05	56048.23438	56025.08507	56035.80859	505271.8	5409093.9
L5270.0	505271.8	5409092.0	13444.40039	337.36	130	48.834782	-86.928161	56034.24	56250.5	-0.51	56033.73	56048.87500	56025.22348	56036.07422	505271.8	5409092.0
L5270.0	505271.8	5409090.6	13444.50000	338.37	130	48.834769	-86.928161	56034.90	56250.5	-0.51	56034.38	56049.48438	56024.92028	56035.89453	505271.8	5409090.6
L5270.0	505271.8	5409088.9	13444.50000	338.37	130	48.834754	-86.928161	56035.58	56250.5	-0.51	56035.06	56050.12109	56025.71781	56036.81250	505271.8	5409088.9
L5270.0	505271.8	5409087.9	13444.59961	338.72	130	48.834745	-86.928161	56036.21	56250.5	-0.52	56035.69	56050.71094	56025.51716	56036.73047	505271.8	5409087.9
L5270.0	505271.8	5409086.4	13444.79981	339.16	130	48.834732	-86.928162	56036.89	56250.5	-0.52	56036.37	56051.35156	56026.84641	56038.17188	505271.8	5409086.4
L5270.0	505271.8	5409086.4	13444.90039	340.46	130	48.834732	-86.928162	56037.48	56250.5	-0.53	56036.95	56051.88672	56025.90840	56037.34766	505271.8	5409086.4
L5270.0	505271.8	5409084.6	13445.00000	341.37	130	48.834715	-86.928162	56038.09	56250.5	-0.53	56037.56	56052.45313	56025.98921	56037.53516	505271.8	5409084.6
L5270.0	505271.8	5409083.3	13445.09961	344.08	130	48.834704	-86.928162	56038.70	56250.5	-0.53	56038.17	56053.02344	56026.32660	56037.97656	505271.8	5409083.3
L5270.0	505271.8	5409082.3	13445.20020	345.27	130	48.834695	-86.928162	56039.35	56250.5	-0.52	56038.82	56053.62891	56027.92878	56039.67969	505271.8	5409082.3
L5270.0	505271.8	5409080.8	13445.29981	347.07	130	48.834680	-86.928162	56039.93	56250.5	-0.52	56039.41	56054.17188	56028.26163	56040.11328	505271.8	5409080.8
L5270.0	505271.8	5409080.8	13445.40039	345.12	130	48.834680	-86.928162	56040.52	56250.5	-0.52	56040.00	56054.71875	56028.83847	56040.78516	505271.8	5409080.8
L5270.0	505271.8	5409079.5	13445.50000	342.36	130	48.834669	-86.928162	56041.09	56250.5	-0.51	56040.57	56055.24219	56029.19381	56041.23047	505271.8	5409079.5
L5270.0	505271.8	5409076.9	13445.59961	341.05	130	48.834646	-86.928162	56041.70	56250.5	-0.51	56041.19	56055.81641	56031.12631	56043.25391	505271.8	5409076.9
L5270.0	505271.8	5409076.9	13445.70020	337.67	130	48.834646	-86.928162	56042.28	56250.5	-0.51	56041.77	56056.35156	56032.27569	56044.48828	505271.8	5409076.9
L5270.0	505271.8	5409075.6	13445.79981	336.33	130	48.834634	-86.928162	56042.82	56250.5	-0.51	56042.31	56056.84375	56032.66141	56044.95703	505271.8	5409075.6
L5270.0	505271.8	5409073.9	13445.90039	333.69	130	48.834619	-86.928162	56043.35	56250.5	-0.50	56042.85	56057.33594	56033.26043	56045.63672	505271.8	5409073.9
L5270.0	505271.8	5409073.9	13446.00000	331.51	130	48.834619	-86.928162	56043.92	56250.5	-0.50	56043.42	56057.85938	56034.75973	56047.21094	505271.8	5409073.9
L5270.0	505271.8	5409072.3	13446.09961	327.59	130	48.834604	-86.928162	56044.48	56250.5	-0.50	56043.98	56058.37109	56036.18294	56048.70703	505271.8	5409072.3
L5270.0	505271.8	5409070.8	13446.20020	327.01	130	48.834591	-86.928162	56044.98	56250.5	-0.51	56044.47	56058.80859	56036.15071	56048.74609	505271.8	5409070.8
L5270.0	505271.8	5409069.1	13446.29981	326.78	130	48.834576	-86.928162	56045.49	56250.5	-0.51	56044.98	56059.26953	56036.74332	56049.40625	505271.8	5409069.1
L5270.0	505271.8	5409068.4	13446.40039	327.85	130	48.834569	-86.928162	56046.06	56250.5	-0.52	56045.53	56059.77344	56038.37550	56051.10547	505271.8	5409068.4
L5270.0	505271.8	5409066.9	13446.50000	328.93	130	48.834556	-86.928162	56046.56	56250.5	-0.53	56046.03	56060.22266	56039.01504	56051.80859	505271.8	5409066.9
L5270.0	505271.8	5409066.9	13446.50000	328.93	130	48.834556	-86.928162	56047.04	56250.5	-0.53	56046.51	56060.65234	56039.33935	56052.19141	505271.8	5409066.9
L5270.0	505271.8	5409065.0	13446.70020	327.69	130	48.834539	-86.928162	56047.57	56250.5	-0.54	56047.04	56061.12891	56040.87854	56053.78516	505271.8	5409065.0
L5270.0	505271.8	5409063.5	13446.79981	328.16	130	48.834525	-86.928162	56048.00	56250.5	-0.54	56047.46	56061.50000	56040.11510	56053.07813	505271.8	5409063.5
L5270.0	505271.8	5409061.6	13446.90039	329.02	130	48.834508	-86.928162	56048.51	56250.5	-0.55	56047.96	56061.94922	56041.20597	56054.21875	505271.8	5409061.6
L5270.0	505271.8	5409061.6	13447.00000	329.50	130	48.834508	-86.928162	56048.98	56250.6	-0.55	56048.43	56062.36719	56041.73935	56054.80078	505271.8	5409061.6
L5270.0	505271.8	5409060.3	13447.09961	330.88	130	48.834497	-86.928162	56049.46	56250.5	-0.55	56048.91	56062.79688	56042.59414	56055.70313	505271.8	5409060.3
L5270.0	505271.8	5409058.9	13447.20020	334.15	130	48.834484	-86.928162	56049.92	56250.5	-0.54	56049.38	56063.21484	56043.33032	56056.48438	505271.8	5409058.9
L5270.0	505271.8	5409057.4	13447.29981	335.42	130	48.834470	-86.928162	56050.45	56250.5	-0.54	56049.91	56063.69141	56045.52630	56058.71875	505271.8	5409057.4
L5270.0	505271.8	5409056.2	13447.40039	335.64	130	48.834460	-86.928162	56050.91	56250.5	-0.54	56050.37	56064.09766	56046.25823	56059.49219	505271.8	5409056.2
L5270.0	505271.8	5409054.7	13447.50000	335.36	130	48.834446	-86.928162	56051.32	56250.5	-0.54	56050.78	56064.45703	56045.94142	56059.21094	505271.8	5409054.7
L5270.0	505271.8	5409054.7	13447.59961	335.79	130	48.834446	-86.928162	56051.77	56250.5	-0.53	56051.23	56064.85547	56046.63650	56059.94141	505271.8	5409054.7
L5270.0	505271.8	5409052.8	13447.70020	337.13	130	48.834429	-86.928162	56052.23	56250.5	-0.53	56051.70	56065.27344	56047.89939	56061.23438	505271.8	5409052.8
L5270.0	505271.8	5409051.1	13447.79981	335.90	130	48.834414	-86.928162	56052.68	56250.5	-0.53	56052.16	56065.67969	56049.02897	56062.39453	505271.8	5409051.1
L5270.0	505271.9	5409049.7	13447.90039	336.78	130	48.834401	-86.928161	56053.08	56250.5	-0.52	56052.56	56066.02734	56048.83053	56062.22266	505271.9	5409049.7
L5270.0	505271.9	5409049.7	13448.00000	337.82	130	48.834401	-86.928161	56053.52	56250.5	-0.52	56053.00	56066.41406	56049.66163	56063.08203	505271.9	5409049.7
L5270.0	505271.9	5409048.2	13448.09961	337.68	130	48.834388	-86.928161	56053.94	56250.5	-0.52	56053.42	56066.78125	56050.09762	56063.53906	505271.9	5409048.2
L5270.0	505271.9	5409046.5	13448.20020	338.15	130	48.834372	-86.928161	56054.32	56250.5	-0.52	56053.80	56067.10938	56049.65351	56063.11719	505271.9	5409046.5
L5270.0	505271.9	5409046.5	13448.29981	337.30	130	48.834372	-86.928161	56054.73	56250.5	-0.52	56054.20	56067.45703	56049.76031	56063.24609	505271.9	5409046.5
L5270.0	505271.9	5409044.8	13448.40039	336.24	130	48.834357	-86.928161	56055.16	56250.5	-0.52	56054.64	56067.84375	56050.89690	56064.39844	505271.9	5409044.8
L5270.0	505271.9	5409042.9	13448.50000	337.03	130	48.834340	-86.928160	56055.56	56250.5	-0.52	56055.04	56068.19141	56051.14542	56064.66406	505271.9	5409042.9
L5270.0	505271.9	5409041.5	13448.50000	337.03	130	48.834327	-86.928160	56055.96	56250.5	-0.52	56055.44	56068.53906	56051.46176	56064.99609	505271.9	5409041.5
L5270.0	505271.9	5409041.5	13448.70020	334.44	130	48.834327	-86.928160	56056.35	56250.5	-0.53	56055.82	56068.86719	56051.36646	56064.91406	505271.9	5409041.5
L5270.0	505272.0	5409039.1	13448.79981	332.53	130	48.834305	-86.928160	56056.73	56250.5	-0.53	56056.20	56069.19531	56051.33698	56064.89453	505272.0	5409039.1

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5270.0	505272.0	5409039.1	13448.90039	330.58	130	48.834305	-86.928160	56057.11	56250.5	-0.53	56056.58	56069.52344	56051.37158	56064.93750	505272.0	5409039.1
L5270.0	505272.0	5409037.6	13449.00000	331.45	130	48.834292	-86.928159	56057.48	56250.5	-0.53	56056.95	56069.84375	56051.23058	56064.80469	505272.0	5409037.6
L5270.0	505272.0	5409036.1	13449.09961	331.97	130	48.834279	-86.928159	56057.84	56250.5	-0.53	56057.31	56070.15234	56050.91292	56064.49219	505272.0	5409036.1
L5270.0	505272.0	5409034.6	13449.20020	331.78	130	48.834266	-86.928159	56058.25	56250.5	-0.52	56057.73	56070.51953	56052.08639	56065.67188	505272.0	5409034.6
L5270.0	505272.1	5409033.2	13449.29981	333.84	130	48.834253	-86.928159	56058.57	56250.5	-0.51	56058.06	56070.80078	56051.17354	56064.76172	505272.1	5409033.2
L5270.0	505272.1	5409033.2	13449.40039	333.94	130	48.834253	-86.928159	56058.98	56250.5	-0.51	56058.47	56071.16016	56052.23308	56065.82422	505272.1	5409033.2
L5270.0	505272.1	5409031.5	13449.50000	336.68	130	48.834238	-86.928158	56059.36	56250.5	-0.51	56058.85	56071.48828	56052.63931	56066.23047	505272.1	5409031.5
L5270.0	505272.1	5409030.1	13449.59961	336.93	130	48.834225	-86.928158	56059.71	56250.5	-0.50	56059.21	56071.80078	56052.62789	56066.21875	505272.1	5409030.1
L5270.0	505272.1	5409028.6	13449.70020	336.13	130	48.834211	-86.928158	56060.04	56250.5	-0.50	56059.54	56072.08203	56051.95024	56065.53906	505272.1	5409028.6
L5270.0	505272.1	5409027.2	13449.79981	336.09	130	48.834199	-86.928158	56060.39	56250.5	-0.49	56059.90	56072.39063	56052.06307	56065.64844	505272.1	5409027.2
L5270.0	505272.1	5409027.2	13449.90039	334.20	130	48.834199	-86.928158	56060.74	56250.5	-0.49	56060.26	56072.70313	56052.24580	56065.82813	505272.1	5409027.2
L5270.0	505272.1	5409026.0	13450.00000	332.59	130	48.834188	-86.928158	56061.06	56250.5	-0.48	56060.57	56072.96484	56051.25986	56064.83594	505272.1	5409026.0
L5270.0	505272.1	5409024.5	13450.09961	333.19	130	48.834175	-86.928158	56061.38	56250.5	-0.49	56060.90	56073.25000	56050.83613	56064.40625	505272.1	5409024.5
L5270.0	505272.1	5409022.9	13450.20020	335.56	130	48.834160	-86.928158	56061.71	56250.5	-0.49	56061.21	56073.51172	56050.00001	56063.56250	505272.1	5409022.9
L5270.0	505272.2	5409021.4	13450.29981	335.96	130	48.834147	-86.928158	56062.09	56250.5	-0.50	56061.58	56073.83594	56050.85218	56064.40625	505272.2	5409021.4
L5270.0	505272.2	5409021.4	13450.40039	338.45	130	48.834147	-86.928158	56062.39	56250.5	-0.51	56061.89	56074.09766	56050.28102	56063.82813	505272.2	5409021.4
L5270.0	505272.2	5409020.0	13450.50000	340.14	130	48.834134	-86.928158	56062.72	56250.5	-0.51	56062.20	56074.36328	56049.80676	56063.33984	505272.2	5409020.0
L5270.0	505272.2	5409018.6	13450.50000	340.14	130	48.834121	-86.928158	56063.00	56250.5	-0.51	56062.49	56074.60547	56048.92563	56062.44922	505272.2	5409018.6
L5270.0	505272.2	5409017.1	13450.70020	341.22	130	48.834108	-86.928157	56063.38	56250.5	-0.53	56062.85	56074.92188	56049.91663	56063.42969	505272.2	5409017.1
L5270.0	505272.2	5409016.2	13450.79981	341.81	130	48.834100	-86.928157	56063.66	56250.5	-0.54	56063.12	56075.14844	56048.73386	56062.23438	505272.2	5409016.2
L5270.0	505272.2	5409014.7	13450.90039	340.28	130	48.834086	-86.928157	56063.98	56250.5	-0.54	56063.44	56075.42188	56048.92096	56062.40625	505272.2	5409014.7
L5270.0	505272.2	5409014.7	13451.00000	340.65	130	48.834086	-86.928157	56064.26	56250.6	-0.55	56063.71	56075.64844	56047.94960	56061.42188	505272.2	5409014.7
L5270.0	505272.2	5409013.0	13451.09961	340.75	130	48.834071	-86.928157	56064.60	56250.5	-0.55	56064.05	56075.94531	56048.85705	56062.31250	505272.2	5409013.0
L5270.0	505272.2	5409011.6	13451.20020	340.63	130	48.834058	-86.928157	56064.87	56250.5	-0.54	56064.33	56076.18359	56048.35559	56061.79297	505272.2	5409011.6
L5270.0	505272.2	5409009.4	13451.29981	342.56	130	48.834039	-86.928157	56065.18	56250.5	-0.54	56064.64	56076.45313	56048.72308	56062.14453	505272.2	5409009.4
L5270.0	505272.2	5409009.4	13451.40039	344.85	130	48.834039	-86.928157	56065.45	56250.5	-0.53	56064.92	56076.69141	56048.44223	56061.84766	505272.2	5409009.4
L5270.0	505272.2	5409007.5	13451.50000	343.58	130	48.834021	-86.928157	56065.78	56250.5	-0.53	56065.25	56076.98047	56049.53740	56062.92578	505272.2	5409007.5
L5270.0	505272.2	5409007.5	13451.59961	342.37	130	48.834021	-86.928157	56066.04	56250.5	-0.53	56065.51	56077.19922	56048.97286	56062.33984	505272.2	5409007.5
L5270.0	505272.2	5409005.1	13451.70020	340.96	130	48.834000	-86.928157	56066.32	56250.5	-0.52	56065.79	56077.44141	56049.02543	56062.37500	505272.2	5409005.1
L5270.0	505272.2	5409003.9	13451.79981	339.52	130	48.833989	-86.928157	56066.62	56250.5	-0.52	56066.10	56077.71094	56049.94773	56063.27734	505272.2	5409003.9
L5270.0	505272.2	5409003.9	13451.90039	337.76	130	48.833989	-86.928157	56066.92	56250.5	-0.51	56066.40	56077.97266	56050.72717	56064.03516	505272.2	5409003.9
L5270.0	505272.2	5409002.4	13452.00000	326.50	130	48.833976	-86.928157	56067.20	56250.5	-0.51	56066.69	56078.22266	56051.36284	56064.65234	505272.2	5409002.4
L5270.0	505272.2	5409001.0	13452.09961	327.32	130	48.833963	-86.928157	56067.47	56250.5	-0.51	56066.96	56078.45703	56051.60061	56064.86719	505272.2	5409001.0
L5270.0	505272.2	5408999.6	13452.20020	336.19	130	48.833950	-86.928157	56067.73	56250.5	-0.52	56067.21	56078.66797	56051.43907	56064.68359	505272.2	5408999.6
L5270.0	505272.2	5408998.1	13452.29981	336.86	130	48.833937	-86.928157	56067.98	56250.5	-0.52	56067.45	56078.87109	56051.12958	56064.35547	505272.2	5408998.1
L5270.0	505272.2	5408998.1	13452.40039	338.62	130	48.833937	-86.928157	56068.27	56250.5	-0.53	56067.74	56079.12500	56052.24791	56065.44922	505272.2	5408998.1
L5270.0	505272.2	5408996.5	13452.50000	338.40	130	48.833922	-86.928158	56068.48	56250.5	-0.53	56067.95	56079.30078	56051.55129	56064.73047	505272.2	5408996.5
L5270.0	505272.2	5408995.1	13452.50000	338.40	130	48.833910	-86.928158	56068.72	56250.5	-0.53	56068.19	56079.50391	56051.72220	56064.87891	505272.2	5408995.1
L5270.0	505272.2	5408993.9	13452.70020	336.18	130	48.833899	-86.928158	56068.98	56250.5	-0.54	56068.45	56079.73047	56052.48826	56065.62109	505272.2	5408993.9
L5270.0	505272.1	5408992.4	13452.79981	336.02	130	48.833886	-86.928158	56069.22	56250.5	-0.54	56068.68	56079.92578	56052.61865	56065.72656	505272.1	5408992.4
L5270.0	505272.1	5408991.5	13452.90039	333.91	130	48.833878	-86.928158	56069.53	56250.5	-0.55	56068.98	56080.19531	56054.51971	56067.60156	505272.1	5408991.5
L5270.0	505272.1	5408990.3	13453.00000	332.71	130	48.833867	-86.928159	56069.75	56250.6	-0.55	56069.20	56080.38281	56054.58146	56067.64063	505272.1	5408990.3
L5270.0	505272.1	5408989.1	13453.09961	333.99	130	48.833856	-86.928159	56070.04	56250.5	-0.55	56069.49	56080.64063	56056.36386	56069.39844	505272.1	5408989.1
L5270.0	505272.1	5408987.4	13453.20020	335.54	130	48.833841	-86.928159	56070.23	56250.5	-0.55	56069.68	56080.79688	56055.88114	56068.89063	505272.1	5408987.4
L5270.0	505272.1	5408987.4	13453.29981	336.70	130	48.833841	-86.928159	56070.49	56250.5	-0.55	56069.94	56081.02734	56057.08026	56070.06250	505272.1	5408987.4
L5270.0	505272.0	5408986.2	13453.40039	337.24	130	48.833830	-86.928160	56070.71	56250.5	-0.55	56070.17	56081.22656	56057.64602	56070.60156	505272.0	5408986.2
L5270.0	505272.0	5408983.9	13453.50000	335.99	130	48.833809	-86.928160	56070.96	56250.5	-0.54	56070.42	56081.44531	56058.70780	56071.63672	505272.0	5408983.9
L5270.0	505272.0	5408983.9	13453.59961	334.47	130	48.833809	-86.928160	56071.17	56250.5	-0.54	56070.62	56081.61328	56058.70298	56071.60938	505272.0	5408983.9
L5270.0	505272.0	5408982.2	13453.70020	333.87	130	48.833794	-86.928160	56071.40	56250.5	-0.54	56070.85	56081.81641	56059.40307	56072.28125	505272.0	5408982.2
L5270.0	505272.0	5408980.5	13453.79981	331.93	130	48.833779	-86.928160	56071.60	56250.5	-0.54	56071.06	56081.99609	56059.70228	56072.55469	505272.0	5408980.5
L5270.0	505272.0	5408980.5	13453.90039	330.35	130	48.833779	-86.928160	56071.86	56250.5	-0.54	56071.31	56082.21875	56060.89437	56073.71875	505272.0	5408980.5
L5270.0	505272.0	5408978.9	13454.00000	329.31	130	48.833764	-86.928160	56072.01	56250.5	-0.54	56071.47	56082.35156	56060.18152	56072.98047	505272.0	5408978.9
L5270.0	505272.0	5408977.4	13454.09961	326.37	130	48.833751	-86.928160	56072.33	56250.5	-0.54	56071.79	56082.64453	56062.91056	56075.67969	505272.0	5408977.4
L5270.0	505272.0	5408976.0	13454.20020	326.99	130	48.833738	-86.928160	56072.48	56250.5	-0.54	56071.94	56082.76563	56062.03546	56074.78125	505272.0	5408976.0
L5270.0	505272.0	5408974.5	13454.29981	327.17	130	48.833725	-86.928160	56072.69	56250.5	-0.54	56072.15	56082.94922	56062.45869	56075.17578	505272.0	5408974.5
L5270.0	505272.0	5408973.4	13454.40039	328.20	130	48.833714	-86.928160	56072.91	56250.5	-0.54	56072.37	56083.14453	56063.11399	56075.80469	505272.0	5408973.4
L5270.0	505272.0	5408973.4	13454.50000	329.38	130	48.833714	-86.928160	56073.12	56250.5	-0.55	56072.58	56083.32813	56063.57556	56076.23828	505272.0	5408973.4
L5270.0	505272.0	5408972.2	13454.50000	329.38	130	48.833704	-86.928160	56073.32	56250.5	-0.55	56072.77	56083.49219	56063.62460	56076.25781	505272.0	5408972.2
L5270.0	505272.0	5408970.5	13454.59961	328.99	130	48.833689	-86.928160	56073.55	56250.5	-0.55	56073.00	56083.69531	56064.56200	56077.16797	505272.0	5408970.5
L5270.0	505272.0	5408969.0	13454.79981	329.93	130	48.833675	-86.928160	56073.68	56250.5	-0.55	56073.13	56083.80078	56063.32372	56075.90234	505272.0	5408969.0
L5270.0	505272.0	5408967.8	13454.90039	331.40	130	48.833665	-86.928161	56073.90	56250.5	-0.55	56073.35	56083.99609	56064.08726	56076.64063	505272.0	5408967.8
L5270.0	505272.0	5408966.4	13455.00000	331.49	130	48.833652	-86.928161	56074.08	56250.6	-0.55	56073.53	56084.15234	56063.98223	56076.50781	505272.0	5408966.4
L5270.0	505272.0	5408966.4	13455.09961	331.73	130	48.833652	-86.928161	56074.28	56250.5	-0.55	56073.73	56084.32813	56064.35964	56076.85547	505272.0	5408966.4
L5270.0	505272.0	5408964.9	13455.20020	333.05	130	48.833639	-86.928161	56074.48	56250.5	-0.55	56073.93	56084.50391	56064.77715	56077.24609	505272.0	5408964.9
L5270.0	505272.0	5408963.3	13455.29981	336.84	130	48.833623	-86.928161	56074.66	56250.5	-0.54	56074.12	56084.67188	56065.00229	56077.44531	505272.0	5408963.3
L5270.0	505272.0	5408962.1	13455.40039	339.32	130	48.833613	-86.928161	56074.84	56250.5	-0.54	56074.29	56084.82031	56064.78777	56077.20313	505272.0	5408962.1
L5270.0	505272.0	5408960.6	13455.50000	341.46	130	48.833600	-86.928161	56075.02	56250.5	-0.54	56074.48	56084.98828	56065.10205	56077.48828	505272.0	5408960.6
L5270.0	505271.9	5408959.4	13455.59961	339.61	130	48.833589	-86.928161	56075.24	56250.5	-0.54	56074.70	56085.18359	56066.22218	56078.58203	505271.9	5408959.4
L5270.0	505271.9	5408959.4	13455.70020	339.08	130	48.833589	-86.928161	56075.39	56250.5	-0.54	56074.86	56085.32422	56065.90983	56078.24219	505271.9	5408959.4
L5270.0	505271.9	5408957.7	13455.79981	340.27	130	48.833574	-86.928161	56075.52	56250.5	-0.53	56074.99	56085.42969	56064.96332	56077.26953	505271.9	5408957.7
L5270.0	505271.9	5408955.7	13455.90039	340.63	130	48.833556	-86.928162	56075.72	56250.5	-0.53	56075.19	56085.60938	56065.85536	56078.13672	505271.9	5408955.7
L5270.0	505271.9	5408955.7	13456.00000	340.18	130	48.833556	-86.928162	56075.88	56250.5	-0.53	56075.35	56085.75000	56065.78103	56078.03516	505271.9	5408955.7
L5270.0	505271.9	5408954.6	13456.09961	340.04	130	48.833545	-86.928162	56076.05	56250.5	-0.53	56075.51	56085.88672	56065.75410	56077.98047	505271.9	5408954.6
L5270.0	505271.9	5408953.1	13456.20020	342.77	130	48.833532	-86.928162	56076.21	56250.5	-0.54	56075.67	56086.02734	56065.77657	56077.97656	505271.9	5408953.1
L5270.0	505271.9	5408951.6	13456.29981	344.52	130	48.833519	-86.928162	56076.36	56250.5	-0.54	56075.82	56086.15625	56065.59761	56077.77344	505271.9	5408951.6
L5270.0	505271.9	5408950.0	13456.40039	342.96	130	48.833504	-86.928162	56076.51	56250.5	-0.54	56075.97	56086.28516	56065.47253	56077.62109	505271.9	5408950.0
L5270.0	505271.9	5408950.0	13456.50000	340.80	130	48.833504	-86.928162	56076.64	56250.5	-0.54	56076.09	56086.38672	56064.64479	56076.76953	505271.9	5408950.0
L5270.0	505271.9	5408948.1	13456.50000	340.80	130	48.833487	-86.928162	56076.77	56250.5	-0.54	56076.22	56086.49609	56064.12892	56076.22656	505271.9	5408948.1
L5270.0	505271.9	5408946.6	13456.70020	342.66	130	48.833474	-86.928162	56076.94	56250.6	-0.55	56076.39	56086.64453	56064.68654	56076.76172	505271.9	5408946.6
L5270.0	505271.9	5408946.6	13456.79981	341.49	130	48.833474	-86.928162	56077.09	56250.6	-0.55	56076.53	56086.76563	56064.54945	56076.59766	505271.9	5408946.6
L5270.0	505271.9	5408944.2	13456.90039	338.92	130	48.833452	-86.928163	56077.19	56250.6	-0.56	56076.63	56086.84375	56063.56546	56075.58984	505271.9	5408944.2
L5270.0	505271.9	5408943.2	13457.00000	337.25	130	48.833444	-86.928163	56077.37	56250.6	-0.56	56076.81	56087.00391	56064.67489	56076.67578	505271.9	5408943.2
L5270.0	505271.9	5408942.0	13457.09961	335.21	130	48.833432	-86.928163	56077.48	56250.6	-0.56	56076.93	56087.10547	56064.35844	56076.33594	505271.9	5408942.0
L5270.0	505271.8	5408940.5	13457.20020	334.21	130	48.833419	-86.928163	56077.62	56250.6	-0.56	56077.07	56087.22656	56064.61024	56076.56641	505271.8	5408940.5
L5270.0	505271.8	5408940.5	13457.29981	332.61	130	48.833419	-86.928163	56077.77	56250.6	-0.55	56077.22	56087.35547	56065.17238	56077.10547	505271.8	5408940.5
L5270.0	505271.8	5408939.1	13457.40039	331.94	130	48.833406	-86.928163	56077.85	56250.6	-0.55	56077.30	56087.41797	56064.10330	56076.01172	505271.8	5408939.1
L5270.0	505271.8	5408937.7	13457.50000	330.81	130	48.833393	-86.928163	56078.00	56250.6	-0.55	56077.45	56087.54688	56064.79556	56076.68359	505271.8	5408937.7
L5270.0	505271.8	5408936.2	13457.59961	331.36	130	48.833380	-86.928163	56078.15	56250.5	-0.55	56077.60	56087.67969	56065.54660	56077.41016	505271.8	5408936.2
L5270.0	505271.8	5408934.6	13457.70020	332.92	104.08	48.833365	-86.928163	56078.28	56250.5	-0.55	56077.73	56087.78906	56065.88121	56077.72656	505271.8	5408934.6
L5270.0	505271.8	5408934.6	13457.79981	334.57	104.08	48.833365	-86.928163	56078.35	56250.5	-0.54	56077.81	56087.85156	56065.08873	56076.91016	505271.8	5408934.6
L5270.0	505271.8	5408932.7	13457.90039	334.15	103.66	48.833349	-86.928163	56078.51	56250.5	-0.54	56077.97	56087.99219	56066.27548	56078.07813	505271.8	5408932.7
L5270.0	505271.8	5408931.7	13458.00000	336.30	97.27	48.833340	-86.928164	56078.58	56250.5	-0.54	56078.04	56088.04297	56065.38368	56077.16797	505271.8	5408931.7
L5270.0	505271.8	5408930.2	13458.09961	335.98	102.52	48.833326	-86.928164	56078.71	56250.5	-0.54	56078.17	56088.15234	56066.00282	56077.76563	505271.8	5408930.2

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5270.0	505271.8	5408929.0	13458.20020	335.82	102.52	48.833315	-86.928164	56078.75	56250.6	-0.55	56078.20	56088.16406	56064.29359	56076.03906	505271.8	5408929.0
L5270.0	505271.8	5408927.6	13458.29981	334.48	108.26	48.833303	-86.928164	56078.86	56250.6	-0.56	56078.31	56088.25391	56064.59075	56076.31641	505271.8	5408927.6
L5270.0	505271.8	5408927.6	13458.40039	334.95	107.74	48.833303	-86.928164	56079.01	56250.6	-0.56	56078.45	56088.37500	56065.71352	56077.42188	505271.8	5408927.6
L5270.0	505271.8	5408926.0	13458.50000	336.56	107.41	48.833288	-86.928164	56079.06	56250.6	-0.57	56078.49	56088.39453	56064.48907	56076.17969	505271.8	5408926.0
L5270.0	505271.8	5408925.0	13458.50000	336.56	106.13	48.833279	-86.928164	56079.12	56250.6	-0.57	56078.56	56088.44531	56064.09211	56075.76953	505271.8	5408925.0
L5270.0	505271.8	5408923.4	13458.70020	337.73	106.13	48.833265	-86.928164	56079.21	56250.6	-0.57	56078.64	56088.50391	56064.04689	56075.70703	505271.8	5408923.4
L5270.0	505271.7	5408921.9	13458.79981	339.25	106.53	48.833252	-86.928165	56079.32	56250.6	-0.58	56078.74	56088.58594	56064.61840	56076.26172	505271.7	5408921.9
L5270.0	505271.7	5408920.7	13458.90039	341.68	105.78	48.833241	-86.928165	56079.37	56250.6	-0.58	56078.79	56088.61719	56064.05991	56075.69141	505271.7	5408920.7
L5270.0	505271.7	5408919.2	13459.00000	343.29	106.04	48.833228	-86.928165	56079.46	56250.6	-0.59	56078.87	56088.67578	56064.38456	56076.00000	505271.7	5408919.2
L5270.0	505271.7	5408918.2	13459.09961	342.39	106.04	48.833219	-86.928165	56079.49	56250.6	-0.58	56078.90	56088.68750	56063.59786	56075.20313	505271.7	5408918.2
L5270.0	505271.7	5408918.2	13459.20020	342.01	104.35	48.833219	-86.928165	56079.62	56250.6	-0.58	56079.05	56088.81641	56065.96994	56077.56250	505271.7	5408918.2
L5270.0	505271.7	5408916.9	13459.29981	340.00	104.47	48.833206	-86.928165	56079.64	56250.6	-0.57	56079.08	56088.82422	56065.41700	56076.99609	505271.7	5408916.9
L5270.0	505271.7	5408915.5	13459.40039	337.18	102	48.833194	-86.928165	56079.67	56250.6	-0.56	56079.11	56088.83594	56065.01956	56076.58984	505271.7	5408915.5
L5270.0	505271.7	5408914.0	13459.50000	337.85	102	48.833181	-86.928166	56079.72	56250.6	-0.55	56079.16	56088.86719	56065.26180	56076.82031	505271.7	5408914.0
L5270.0	505271.7	5408912.4	13459.59961	336.44	102.57	48.833166	-86.928166	56079.79	56250.5	-0.55	56079.25	56088.93359	56066.63223	56078.18359	505271.7	5408912.4
L5270.0	505271.7	5408911.6	13459.70020	336.44	104.6	48.833159	-86.928166	56079.83	56250.5	-0.54	56079.29	56088.95313	56066.87258	56078.41406	505271.7	5408911.6
L5270.0	505271.6	5408909.9	13459.79981	338.36	104.6	48.833144	-86.928166	56079.90	56250.5	-0.53	56079.36	56089.00391	56067.96592	56079.50000	505271.6	5408909.9
L5270.0	505271.6	5408909.9	13459.90039	338.48	106.04	48.833144	-86.928166	56079.90	56250.5	-0.53	56079.37	56088.99219	56067.69858	56079.22656	505271.6	5408909.9
L5270.0	505271.6	5408908.7	13460.00000	338.00	105.01	48.833133	-86.928166	56079.92	56250.5	-0.52	56079.40	56089.00000	56068.02785	56079.55078	505271.6	5408908.7
L5270.0	505271.6	5408907.0	13460.09961	338.00	105.01	48.833118	-86.928166	56079.95	56250.5	-0.53	56079.42	56089.00000	56068.21869	56079.73438	505271.6	5408907.0
L5270.0	505271.6	5408905.4	13460.20020	337.63	104.21	48.833103	-86.928167	56079.97	56250.5	-0.53	56079.44	56089.00000	56068.50717	56080.01953	505271.6	5408905.4
L5270.0	505271.6	5408904.2	13460.29981	335.55	103.33	48.833092	-86.928167	56080.02	56250.5	-0.54	56079.48	56089.01563	56069.35086	56080.85938	505271.6	5408904.2
L5270.0	505271.6	5408904.2	13460.40039	334.23	103.68	48.833092	-86.928167	56080.00	56250.5	-0.55	56079.45	56088.96484	56068.66458	56080.17188	505271.6	5408904.2
L5270.0	505271.6	5408902.7	13460.50000	330.62	103.47	48.833079	-86.928167	56080.05	56250.6	-0.55	56079.49	56088.98438	56069.67047	56081.17578	505271.6	5408902.7
L5270.0	505271.6	5408901.3	13460.50000	330.62	103.11	48.833066	-86.928167	56080.02	56250.6	-0.55	56079.47	56088.94141	56069.39556	56080.90234	505271.6	5408901.3
L5270.0	505271.6	5408900.1	13460.70020	329.50	103.11	48.833055	-86.928167	56080.05	56250.6	-0.57	56079.48	56088.92969	56069.87655	56081.38281	505271.6	5408900.1
L5270.0	505271.6	5408898.9	13460.79981	329.72	102.37	48.833045	-86.928167	56080.00	56250.6	-0.58	56079.42	56088.84766	56068.89306	56080.40234	505271.6	5408898.9
L5270.0	505271.6	5408898.9	13460.90039	328.18	101.87	48.833045	-86.928167	56080.07	56250.6	-0.58	56079.49	56088.89453	56070.83695	56082.34766	505271.6	5408898.9
L5270.0	505271.6	5408896.3	13461.00000	327.38	101.27	48.833021	-86.928167	56080.00	56250.6	-0.59	56079.41	56088.78906	56069.59232	56081.10938	505271.6	5408896.3
L5270.0	505271.6	5408896.3	13461.09961	328.97	101.27	48.833021	-86.928167	56080.00	56250.6	-0.58	56079.41	56088.76953	56070.15553	56081.67578	505271.6	5408896.3
L5270.0	505271.6	5408894.8	13461.20020	329.83	102.17	48.833008	-86.928168	56080.00	56250.6	-0.58	56079.42	56088.75391	56070.99550	56082.51953	505271.6	5408894.8
L5270.0	505271.5	5408893.3	13461.29981	332.77	101.55	48.832994	-86.928168	56080.05	56250.6	-0.57	56079.47	56088.78125	56072.73354	56084.26563	505271.5	5408893.3
L5270.0	505271.5	5408891.6	13461.40039	331.50	101.55	48.832979	-86.928168	56079.95	56250.6	-0.57	56079.38	56088.66797	56071.59347	56083.13281	505271.5	5408891.6
L5270.0	505271.5	5408890.3	13461.50000	330.71	100.54	48.832967	-86.928168	56079.95	56250.6	-0.56	56079.39	56088.65234	56072.60204	56084.15234	505271.5	5408890.3
L5270.0	505271.5	5408889.0	13461.59961	330.60	100.2	48.832955	-86.928168	56079.90	56250.6	-0.55	56079.34	56088.57813	56072.41781	56083.97656	505271.5	5408889.0
L5270.0	505271.5	5408889.0	13461.70020	334.53	100.84	48.832955	-86.928168	56079.82	56250.5	-0.55	56079.27	56088.48438	56071.87647	56083.44531	505271.5	5408889.0
L5270.0	505271.5	5408887.2	13461.79981	332.94	101.63	48.832940	-86.928168	56079.82	56250.5	-0.54	56079.28	56088.47266	56073.05684	56084.64063	505271.5	5408887.2
L5270.0	505271.5	5408885.3	13461.90039	331.08	102.81	48.832922	-86.928168	56079.72	56250.5	-0.54	56079.18	56088.34766	56072.01023	56083.60547	505271.5	5408885.3
L5270.0	505271.5	5408885.3	13462.00000	330.12	102.81	48.832922	-86.928168	56079.67	56250.5	-0.53	56079.14	56088.28125	56072.28036	56083.89063	505271.5	5408885.3
L5270.0	505271.5	5408882.6	13462.09961	330.26	96.51	48.832898	-86.928168	56079.64	56250.5	-0.53	56079.11	56088.22656	56072.83722	56084.46094	505271.5	5408882.6
L5270.0	505271.5	5408882.6	13462.20020	328.86	94.41	48.832898	-86.928168	56079.57	56250.5	-0.53	56079.03	56088.12109	56072.40751	56084.05078	505271.5	5408882.6
L5270.0	505271.5	5408881.2	13462.29981	328.08	94.41	48.832885	-86.928168	56079.55	56250.5	-0.53	56079.01	56088.07813	56073.34604	56085.00391	505271.5	5408881.2
L5270.0	505271.5	5408881.2	13462.40039	326.99	99.89	48.832885	-86.928168	56079.41	56250.5	-0.53	56078.88	56087.92188	56071.98295	56083.66016	505271.5	5408881.2
L5270.0	505271.5	5408878.2	13462.50000	326.77	99.89	48.832859	-86.928168	56079.36	56250.5	-0.54	56078.83	56087.84375	56072.44460	56084.14453	505271.5	5408878.2
L5270.0	505271.5	5408876.8	13462.50000	326.77	102.14	48.832846	-86.928168	56079.29	56250.5	-0.54	56078.75	56087.73828	56072.33743	56084.05469	505271.5	5408876.8
L5270.0	505271.5	5408876.8	13462.70020	327.96	100.72	48.832846	-86.928168	56079.17	56250.5	-0.54	56078.63	56087.59375	56071.41995	56083.16016	505271.5	5408876.8
L5270.0	505271.5	5408875.6	13462.79981	332.33	101.85	48.832835	-86.928168	56079.08	56250.5	-0.54	56078.54	56087.47656	56071.25794	56083.02344	505271.5	5408875.6
L5270.0	505271.5	5408874.4	13462.90039	336.09	96.84	48.832824	-86.928168	56078.98	56250.5	-0.54	56078.44	56087.35156	56070.95602	56082.74609	505271.5	5408874.4
L5270.0	505271.5	5408873.0	13463.00000	339.23	100.14	48.832811	-86.928168	56078.91	56250.5	-0.54	56078.37	56087.25391	56071.43761	56083.25000	505271.5	5408873.0
L5270.0	505271.6	5408871.7	13463.09961	337.87	100.14	48.832800	-86.928168	56078.78	56250.5	-0.54	56078.24	56087.09766	56070.61908	56082.46094	505271.6	5408871.7
L5270.0	505271.6	5408870.2	13463.20020	339.52	96.61	48.832787	-86.928168	56078.69	56250.5	-0.54	56078.14	56086.96875	56070.59459	56082.46484	505271.6	5408870.2
L5270.0	505271.6	5408869.1	13463.29981	338.74	98.44	48.832776	-86.928168	56078.53	56250.5	-0.55	56077.98	56086.78516	56069.23432	56081.13281	505271.6	5408869.1
L5270.0	505271.6	5408867.7	13463.40039	338.77	98.44	48.832763	-86.928168	56078.41	56250.5	-0.55	56077.86	56086.63672	56068.92633	56080.85156	505271.6	5408867.7
L5270.0	505271.6	5408866.4	13463.50000	337.09	100.4	48.832752	-86.928168	56078.27	56250.5	-0.55	56077.72	56086.46875	56068.23825	56080.19531	505271.6	5408866.4
L5270.0	505271.6	5408865.0	13463.59961	334.67	100.22	48.832739	-86.928167	56078.16	56250.6	-0.55	56077.60	56086.32031	56068.15707	56080.14844	505271.6	5408865.0
L5270.0	505271.6	5408865.0	13463.70020	335.97	101.1	48.832739	-86.928167	56078.03	56250.6	-0.55	56077.47	56086.16406	56067.95433	56079.97656	505271.6	5408865.0
L5270.0	505271.6	5408863.5	13463.79981	336.12	100.63	48.832727	-86.928167	56077.87	56250.6	-0.56	56077.31	56085.97656	56067.13617	56079.19141	505271.6	5408863.5
L5270.0	505271.6	5408861.9	13463.90039	336.27	100.63	48.832711	-86.928167	56077.72	56250.6	-0.56	56077.17	56085.80859	56067.02310	56079.11328	505271.6	5408861.9
L5270.0	505271.6	5408861.9	13464.00000	335.86	101.56	48.832711	-86.928167	56077.57	56250.6	-0.56	56077.01	56085.62109	56066.52986	56078.65625	505271.6	5408861.9
L5270.0	505271.6	5408860.2	13464.09961	336.04	101.56	48.832697	-86.928167	56077.42	56250.6	-0.56	56076.86	56085.44141	56066.41773	56078.58203	505271.6	5408860.2
L5270.0	505271.6	5408858.8	13464.20020	337.16	100.93	48.832684	-86.928168	56077.24	56250.6	-0.56	56076.68	56085.23438	56065.67703	56077.87891	505271.6	5408858.8
L5270.0	505271.6	5408857.4	13464.29981	340.08	100.73	48.832671	-86.928168	56077.09	56250.6	-0.56	56076.53	56085.05469	56065.82799	56078.07031	505271.6	5408857.4
L5270.0	505271.6	5408856.4	13464.40039	340.31	101.5	48.832662	-86.928168	56076.89	56250.6	-0.56	56076.33	56084.82813	56064.84894	56077.12891	505271.6	5408856.4
L5270.0	505271.6	5408854.9	13464.50000	341.57	101.5	48.832648	-86.928168	56076.71	56250.6	-0.56	56076.15	56084.61719	56064.51298	56076.83594	505271.6	5408854.9
L5270.0	505271.6	5408853.5	13464.50000	341.57	101.59	48.832636	-86.928168	56076.51	56250.6	-0.56	56075.95	56084.39063	56063.81031	56076.17578	505271.6	5408853.5
L5270.0	505271.6	5408853.5	13464.59961	343.54	101.44	48.832636	-86.928168	56076.34	56250.6	-0.55	56075.78	56084.19141	56064.00795	56076.41406	505271.6	5408853.5
L5270.0	505271.6	5408852.0	13464.79981	342.44	101.3	48.832623	-86.928168	56076.10	56250.6	-0.55	56075.55	56083.92969	56062.83098	56075.28125	505271.6	5408852.0
L5270.0	505271.6	5408850.8	13464.90039	340.21	101.3	48.832612	-86.928168	56075.95	56250.6	-0.55	56075.40	56083.75391	56063.82318	56076.32031	505271.6	5408850.8
L5270.0	505271.6	5408849.4	13465.00000	337.08	98.13	48.832599	-86.928168	56075.70	56250.6	-0.55	56075.14	56083.46484	56062.17956	56074.71875	505271.6	5408849.4
L5270.0	505271.6	5408847.9	13465.09961	336.21	100.68	48.832586	-86.928168	56075.47	56250.6	-0.55	56074.92	56083.21484	56061.69671	56074.28516	505271.6	5408847.9
L5270.0	505271.6	5408846.5	13465.20020	336.45	101.26	48.832573	-86.928168	56075.24	56250.6	-0.55	56074.69	56082.95703	56061.11127	56073.74609	505271.6	5408846.5
L5270.0	505271.6	5408845.1	13465.29981	335.95	101.94	48.832560	-86.928168	56075.07	56250.6	-0.55	56074.51	56082.74609	56061.94272	56074.62500	505271.6	5408845.1
L5270.0	505271.6	5408845.1	13465.40039	337.05	101.94	48.832560	-86.928168	56074.82	56250.6	-0.55	56074.26	56082.46484	56061.15656	56073.88672	505271.6	5408845.1
L5270.0	505271.6	5408843.1	13465.50000	336.19	102.07	48.832543	-86.928168	56074.61	56250.6	-0.56	56074.06	56082.23828	56061.78996	56074.57031	505271.6	5408843.1
L5270.0	505271.6	5408842.7	13465.59961	336.46	101.05	48.832539	-86.928168	56074.34	56250.6	-0.56	56073.78	56081.92969	56060.55521	56073.38672	505271.6	5408842.7
L5270.0	505271.6	5408841.4	13465.70020	335.89	101.05	48.832528	-86.928168	56074.06	56250.6	-0.56	56073.50	56081.61719	56059.47726	56072.35938	505271.6	5408841.4
L5270.0	505271.6	5408839.8	13465.79981	336.58	103.66	48.832513	-86.928168	56073.85	56250.6	-0.56	56073.29	56081.37891	56060.32798	56073.25781	505271.6	5408839.8
L5270.0	505271.6	5408838.3	13465.90039	337.64	103.58	48.832499	-86.928168	56073.52	56250.6	-0.56	56072.96	56081.01953	56058.30134	56071.28516	505271.6	5408838.3
L5270.0	505271.6	5408836.9	13466.00000	340.26	102.48	48.832487	-86.928168	56073.30	56250.6	-0.56	56072.74	56080.76953	56059.21680	56072.25000	505271.6	5408836.9
L5270.0	505271.6	5408835.9	13466.09961	340.95	102.48	48.832478	-86.928168	56073.02	56250.6	-0.56	56072.46	56080.46094	56058.77409	56071.86328	505271.6	5408835.9
L5270.0	505271.6	5408834.6	13466.20020	342.95	101.42	48.832466	-86.928168	56072.77	56250.6	-0.56	56072.21	56080.17969	56059.25058	56072.39063	505271.6	5408834.6
L5270.0	505271.6	5408834.6	13466.29981	343.38	101.5	48.832466	-86.928168	56072.48	56250.6	-0.55	56071.92	56079.86328	56058.87567	56072.07031	505271.6	5408834.6
L5270.0	505271.6	5408833.0	13466.40039	345.25	102.44	48.832452	-86.928168	56072.23	56250.6	-0.55	56071.68	56079.59375	56059.92652	56073.17578	505271.6	5408833.0
L5270.0	505271.6	5408831.8	13466.50000	345.79	102.44	48.832441	-86.928168	56071.90	56250.6	-0.55	56071.35	56079.23438	56058.86138	56072.16406	505271.6	5408831.8
L5270.0	505271.6	5408830.1	13466.50000	345.79	102.18	48.832426	-86.928167	56071.57	56250.6	-0.55	56071.02	56078.87500	56057.95723	56071.31641	505271.6	5408830.1
L5270.0	505271.6	5408830.1	13466.70020	344.12	102.18	48.832426	-86.928167	56071.22	56250.5	-0.55	56070.67	56078.49609	56056.70804	56070.12109	505271.6	5408830.1
L5270.0	505271.6	5408828.7	13466.79981	341.17	103.47	48.832413	-86.928167	56070.92	56250.5	-0.54	56070.37	56078.16406	56056.88460	56070.35156	505271.6	5408828.7
L5270.0	505271.6	5408827.3	13466.90039	338.87	102.99	48.832400	-86.928167	56070.56	56250.5	-0.54	56070.02	56077.78516	56055.95684	56069.48047	505271.6	5408827.3
L5270.0	505271.7	5408825.9	13467.00000	336.41	103.27	48.832388	-86.928167	56070.24	56250.5	-0.54	56069.70	56077.43750	56055.94840	56069.52734	505271.7	5408825.9
L5270.0	505271.7	5408824.4	13467.09961	335.24	103.27	48.832375	-86.928167	56069.93	56250.5	-0.54	56069.38	56077.08594	56056.09999	56069.73438	505271.7	5408824.4
L5270.0	505271.7	5408823.0	13467.20020	337.26	104.02	48.832361	-86.928167	56069.58	56250.5	-0.54	56069.03	56076.70703	56055.65228	56069.34375	505271.7	5408823.0
L5270.0	505271.7	5408821.8	13467.29981	339.84	102.01	48.832351	-86.928167	56069.22	56250.5	-0.55	56068.68	56076.32813	56055.36383	56069.11328	505271.7	5408821.8
L5270.0	505271.7	5408820.6	13467.40039	332.85	103.99	48.832341	-86.928166	56068.92	56250.5	-0.55	56068.37	56075.99219	56056.24617	56070.05078	505271.7	5408820.6

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5270.0	505271.7	5408819.7	13467.50000	331.01	105.43	48.832332	-86.928166	56068.56	56250.6	-0.55	56068.01	56075.60156	56056.02191	56069.88281	505271.7	5408819.7
L5270.0	505271.7	5408818.3	13467.59961	338.06	105.43	48.832319	-86.928166	56068.16	56250.6	-0.55	56067.61	56075.17578	56054.94355	56068.85938	505271.7	5408818.3
L5270.0	505271.7	5408817.1	13467.70020	336.83	105.8	48.832308	-86.928166	56067.73	56250.6	-0.55	56067.17	56074.70703	56053.01062	56066.98438	505271.7	5408817.1
L5270.0	505271.8	5408815.9	13467.79981	336.11	103.84	48.832298	-86.928166	56067.33	56250.6	-0.56	56066.77	56074.27734	56052.24654	56066.27344	505271.8	5408815.9
L5270.0	505271.8	5408815.9	13467.90039	336.37	103.84	48.832298	-86.928166	56067.02	56250.6	-0.56	56066.46	56073.93750	56053.91577	56068.00000	505271.8	5408815.9
L5270.0	505271.8	5408814.5	13468.00000	336.19	107.26	48.832285	-86.928166	56066.59	56250.6	-0.56	56066.03	56073.48047	56052.70503	56066.84375	505271.8	5408814.5
L5270.0	505271.8	5408813.0	13468.09961	336.58	105.23	48.832272	-86.928165	56066.19	56250.6	-0.56	56065.63	56073.05078	56052.40873	56066.60156	505271.8	5408813.0
L5270.0	505271.8	5408811.5	13468.20020	337.25	104.49	48.832258	-86.928165	56065.81	56250.6	-0.56	56065.25	56072.64453	56052.77343	56067.01953	505271.8	5408811.5
L5270.0	505271.8	5408811.5	13468.29981	337.18	105.36	48.832258	-86.928165	56065.35	56250.6	-0.56	56064.79	56072.15625	56051.26882	56065.57031	505271.8	5408811.5
L5270.0	505271.8	5408809.8	13468.40039	338.18	105.36	48.832243	-86.928165	56065.02	56250.6	-0.56	56064.47	56071.80859	56053.46029	56067.81641	505271.8	5408809.8
L5270.0	505271.8	5408808.4	13468.50000	339.45	106.66	48.832230	-86.928165	56064.59	56250.6	-0.56	56064.03	56071.34375	56052.76976	56067.17578	505271.8	5408808.4
L5270.0	505271.8	5408807.3	13468.50000	339.45	105.72	48.832221	-86.928165	56064.19	56250.6	-0.56	56063.64	56070.92578	56053.49773	56067.95703	505271.8	5408807.3
L5270.0	505271.8	5408805.7	13468.70020	338.84	105.72	48.832206	-86.928165	56063.66	56250.6	-0.55	56063.11	56070.36719	56050.83712	56065.35156	505271.8	5408805.7
L5270.0	505271.9	5408804.8	13468.79981	339.64	105.47	48.832198	-86.928164	56063.20	56250.6	-0.55	56062.65	56069.88281	56050.10047	56064.66406	505271.9	5408804.8
L5270.0	505271.9	5408803.3	13468.90039	342.30	105.47	48.832185	-86.928164	56062.75	56250.6	-0.55	56062.20	56069.40625	56049.76963	56064.38281	505271.9	5408803.3
L5270.0	505271.9	5408801.7	13469.00000	341.78	105.77	48.832170	-86.928164	56062.26	56250.6	-0.55	56061.71	56068.89063	56048.57948	56063.24609	505271.9	5408801.7
L5270.0	505271.9	5408801.7	13469.09961	339.01	105.77	48.832170	-86.928164	56061.78	56250.6	-0.55	56061.23	56068.38281	56047.79481	56062.50781	505271.9	5408801.7
L5270.0	505271.9	5408800.0	13469.20020	336.95	105.25	48.832155	-86.928164	56061.34	56250.6	-0.55	56060.78	56067.90625	56047.92150	56062.68359	505271.9	5408800.0
L5270.0	505271.9	5408798.6	13469.29981	334.80	105.67	48.832142	-86.928164	56060.82	56250.6	-0.56	56060.26	56067.35938	56046.42954	56061.23828	505271.9	5408798.6
L5270.0	505271.9	5408797.4	13469.40039	331.42	105.67	48.832132	-86.928164	56060.34	56250.6	-0.56	56059.79	56066.86719	56046.35473	56061.21094	505271.9	5408797.4
L5270.0	505271.9	5408797.4	13469.50000	333.08	106.96	48.832132	-86.928164	56059.86	56250.6	-0.56	56059.30	56066.35156	56045.92608	56060.82813	505271.9	5408797.4
L5270.0	505271.9	5408795.4	13469.59961	333.31	106.96	48.832114	-86.928164	56059.31	56250.6	-0.56	56058.75	56065.77344	56044.13156	56059.07813	505271.9	5408795.4
L5270.0	505271.9	5408793.6	13469.70020	336.70	105.74	48.832097	-86.928164	56058.77	56250.6	-0.56	56058.21	56065.21094	56042.74204	56057.73438	505271.9	5408793.6
L5270.0	505271.9	5408792.9	13469.79981	340.44	105.74	48.832091	-86.928164	56058.27	56250.6	-0.57	56057.71	56064.68750	56042.51641	56057.55078	505271.9	5408792.9
L5270.0	505271.9	5408792.9	13469.90039	342.35	103.23	48.832091	-86.928164	56057.78	56250.6	-0.57	56057.21	56064.16016	56042.44261	56057.51563	505271.9	5408792.9
L5270.0	505271.9	5408791.2	13470.00000	343.73	105.74	48.832075	-86.928164	56057.23	56250.6	-0.57	56056.66	56063.58594	56041.25555	56056.37109	505271.9	5408791.2
L5270.0	505271.9	5408789.9	13470.09961	342.23	105.32	48.832064	-86.928165	56056.66	56250.6	-0.57	56056.09	56062.99219	56039.71402	56054.86719	505271.9	5408789.9
L5270.0	505271.9	5408788.5	13470.20020	343.18	105.32	48.832052	-86.928165	56056.14	56250.6	-0.56	56055.58	56062.46094	56039.84173	56055.03516	505271.9	5408788.5
L5270.0	505271.9	5408787.1	13470.29981	343.34	103.03	48.832039	-86.928165	56055.52	56250.6	-0.56	56054.96	56061.81641	56037.33754	56052.56641	505271.9	5408787.1
L5270.0	505271.9	5408787.1	13470.40039	345.06	102.77	48.832039	-86.928165	56055.03	56250.6	-0.56	56054.47	56061.30469	56038.27285	56053.53516	505271.9	5408787.1
L5270.0	505271.8	5408785.4	13470.50000	344.62	102.77	48.832023	-86.928165	56054.42	56250.6	-0.56	56053.87	56060.67969	56036.57543	56051.87109	505271.8	5408785.4
L5270.0	505271.8	5408783.7	13470.50000	344.62	104.14	48.832009	-86.928165	56053.87	56250.6	-0.56	56053.31	56060.09766	56036.03957	56051.36719	505271.8	5408783.7
L5270.0	505271.8	5408782.3	13470.70020	342.50	104.14	48.831996	-86.928165	56053.24	56250.5	-0.55	56052.69	56059.45703	56034.13470	56049.49609	505271.8	5408782.3
L5270.0	505271.8	5408780.9	13470.79981	341.81	101.94	48.831983	-86.928165	56052.63	56250.5	-0.55	56052.08	56058.82422	56032.63094	56048.01953	505271.8	5408780.9
L5270.0	505271.8	5408780.9	13470.90039	341.03	102.23	48.831983	-86.928165	56052.10	56250.5	-0.54	56051.56	56058.28125	56033.55127	56048.96875	505271.8	5408780.9
L5270.0	505271.8	5408779.4	13471.00000	337.84	102.23	48.831970	-86.928165	56051.41	56250.5	-0.54	56050.87	56057.57031	56030.31684	56045.76172	505271.8	5408779.4
L5270.0	505271.8	5408778.0	13471.09961	335.99	102.03	48.831957	-86.928165	56050.86	56250.5	-0.54	56050.32	56057.00000	56030.76911	56046.23828	505271.8	5408778.0
L5270.0	505271.8	5408778.0	13471.20020	333.28	100.52	48.831957	-86.928165	56050.18	56250.5	-0.54	56049.64	56056.29688	56028.30053	56043.79297	505271.8	5408778.0
L5270.0	505271.8	5408776.0	13471.29981	334.00	100.52	48.831939	-86.928165	56049.54	56250.5	-0.55	56048.99	56055.62891	56026.87246	56042.38281	505271.8	5408776.0
L5270.0	505271.8	5408774.8	13471.40039	333.30	96.48	48.831928	-86.928166	56048.91	56250.5	-0.55	56048.36	56054.97656	56026.10454	56041.63672	505271.8	5408774.8
L5270.0	505271.8	5408773.6	13471.50000	334.17	105.39	48.831917	-86.928166	56048.33	56250.6	-0.55	56047.78	56054.37891	56026.67802	56042.22656	505271.8	5408773.6
L5270.0	505271.8	5408772.0	13471.59961	331.52	105.39	48.831903	-86.928166	56047.68	56250.6	-0.55	56047.12	56053.69922	56025.46442	56041.03125	505271.8	5408772.0
L5270.0	505271.8	5408770.5	13471.70020	330.56	104.85	48.831889	-86.928166	56047.04	56250.6	-0.55	56046.49	56053.05078	56025.08747	56040.66797	505271.8	5408770.5
L5270.0	505271.8	5408770.5	13471.79981	331.40	100.53	48.831889	-86.928166	56046.33	56250.6	-0.56	56045.78	56052.32031	56022.99109	56038.58203	505271.8	5408770.5
L5270.0	505271.8	5408768.5	13471.90039	331.89	100.53	48.831871	-86.928166	56045.70	56250.6	-0.56	56045.14	56051.66016	56022.61136	56038.21484	505271.8	5408768.5
L5270.0	505271.8	5408767.1	13472.00000	330.87	97.23	48.831859	-86.928166	56045.04	56250.6	-0.56	56044.48	56050.98438	56021.86811	56037.48047	505271.8	5408767.1
L5270.0	505271.8	5408765.7	13472.09961	330.94	97.23	48.831846	-86.928166	56044.34	56250.6	-0.56	56043.78	56050.26563	56020.32493	56035.94531	505271.8	5408765.7
L5270.0	505271.8	5408764.2	13472.20020	331.03	101	48.831833	-86.928166	56043.63	56250.6	-0.56	56043.07	56049.53516	56018.64964	56034.27344	505271.8	5408764.2
L5270.0	505271.8	5408764.2	13472.29981	330.45	106.25	48.831833	-86.928166	56042.94	56250.6	-0.55	56042.38	56048.82813	56017.47782	56033.10547	505271.8	5408764.2
L5270.0	505271.8	5408762.5	13472.40039	329.02	106.25	48.831818	-86.928166	56042.31	56250.6	-0.55	56041.76	56048.19141	56017.85326	56033.48047	505271.8	5408762.5
L5270.0	505271.8	5408760.8	13472.50000	330.37	101.3	48.831802	-86.928166	56041.63	56250.6	-0.55	56041.07	56047.48438	56016.76936	56032.39453	505271.8	5408760.8
L5270.0	505271.8	5408760.8	13472.50000	330.37	103.23	48.831802	-86.928166	56040.92	56250.6	-0.55	56040.37	56046.76563	56015.51045	56031.13672	505271.8	5408760.8
L5270.0	505271.8	5408759.4	13472.70020	329.28	103.23	48.831790	-86.928166	56040.18	56250.5	-0.55	56039.64	56046.01953	56013.64684	56029.26563	505271.8	5408759.4
L5270.0	505271.8	5408757.9	13472.79981	330.37	107.48	48.831776	-86.928166	56039.47	56250.5	-0.54	56038.93	56045.29297	56012.22857	56027.84375	505271.8	5408757.9
L5270.0	505271.7	5408756.0	13472.90039	329.52	107.48	48.831759	-86.928167	56038.71	56250.5	-0.54	56038.17	56044.51953	56009.76425	56025.36719	505271.7	5408756.0
L5270.0	505271.7	5408756.0	13473.00000	330.45	103.49	48.831759	-86.928167	56038.06	56250.5	-0.54	56037.52	56043.85156	56009.64741	56025.24219	505271.7	5408756.0
L5270.0	505271.7	5408754.3	13473.09961	329.17	99.63	48.831744	-86.928167	56037.33	56250.5	-0.55	56036.78	56043.09766	56007.62541	56023.20703	505271.7	5408754.3
L5270.0	505271.7	5408754.3	13473.20020	329.27	99.63	48.831744	-86.928167	56036.62	56250.6	-0.55	56036.07	56042.37109	56006.24809	56021.81641	505271.7	5408754.3
L5270.0	505271.7	5408752.4	13473.29981	329.66	109.46	48.831726	-86.928167	56035.89	56250.6	-0.56	56035.33	56041.61719	56004.21819	56019.76953	505271.7	5408752.4
L5270.0	505271.7	5408750.7	13473.40039	330.80	109.46	48.831711	-86.928167	56035.15	56250.6	-0.57	56034.58	56040.85156	56001.95385	56017.48438	505271.7	5408750.7
L5270.0	505271.7	5408748.7	13473.50000	331.02	107.68	48.831693	-86.928167	56034.44	56250.6	-0.58	56033.87	56040.12891	56000.55404	56016.06641	505271.7	5408748.7
L5270.0	505271.7	5408748.7	13473.59961	331.16	107.68	48.831693	-86.928167	56033.76	56250.6	-0.58	56033.18	56039.42188	55999.59592	56015.08594	505271.7	5408748.7
L5270.0	505271.7	5408746.9	13473.70020	331.23	111.36	48.831678	-86.928167	56033.00	56250.6	-0.59	56032.42	56038.64844	55997.04911	56012.51172	505271.7	5408746.9
L5270.0	505271.7	5408745.0	13473.79981	332.76	111.36	48.831660	-86.928168	56032.24	56250.6	-0.60	56031.65	56037.86719	55994.23379	56009.67188	505271.7	5408745.0
L5270.0	505271.7	5408743.5	13473.90039	332.29	112.82	48.831647	-86.928168	56031.51	56250.6	-0.60	56030.90	56037.10156	55991.83659	56007.24609	505271.7	5408743.5
L5270.0	505271.7	5408743.5	13474.00000	335.03	112.48	48.831647	-86.928168	56030.82	56250.6	-0.61	56030.21	56036.39844	55990.81531	56006.19531	505271.7	5408743.5
L5270.0	505271.7	5408742.1	13474.09961	336.19	112.48	48.831634	-86.928168	56030.06	56250.6	-0.60	56029.46	56035.63672	55988.35621	56003.70313	505271.7	5408742.1
L5270.0	505271.7	5408740.7	13474.20020	336.83	106.02	48.831621	-86.928168	56029.28	56250.6	-0.60	56028.68	56034.84375	55985.12918	56000.44141	505271.7	5408740.7
L5270.0	505271.7	5408740.7	13474.29981	338.14	106.02	48.831621	-86.928168	56028.60	56250.6	-0.59	56028.01	56034.16016	55984.53114	55999.80859	505271.7	5408740.7
L5270.0	505271.7	5408738.7	13474.40039	337.54	108.46	48.831603	-86.928168	56027.86	56250.6	-0.59	56027.28	56033.41797	55982.44819	55997.68750	505271.7	5408738.7
L5270.0	505271.7	5408737.2	13474.50000	339.40	108.46	48.831590	-86.928168	56027.26	56250.6	-0.58	56026.68	56032.80469	55983.58017	55998.77734	505271.7	5408737.2
L5270.0	505271.7	5408735.8	13474.50000	339.40	103.84	48.831577	-86.928168	56026.45	56250.6	-0.58	56025.86	56031.97266	55979.18018	55994.33594	505271.7	5408735.8
L5270.0	505271.7	5408734.1	13474.59961	340.25	103.84	48.831562	-86.928168	56025.71	56250.6	-0.57	56025.14	56031.24219	55977.63874	55992.75000	505271.7	5408734.1
L5270.0	505271.7	5408734.1	13474.79981	340.47	107.62	48.831562	-86.928168	56024.96	56250.6	-0.56	56024.39	56030.48047	55975.32892	55990.39453	505271.7	5408734.1
L5270.0	505271.7	5408732.4	13474.90039	341.53	107.62	48.831547	-86.928168	56024.30	56250.6	-0.56	56023.74	56029.82031	55975.46893	55990.48828	505271.7	5408732.4
L5270.0	505271.7	5408732.4	13475.00000	339.96	114.4	48.831547	-86.928168	56023.52	56250.6	-0.55	56022.97	56029.03906	55972.48324	55987.45313	505271.7	5408732.4
L5270.0	505271.7	5408730.7	13475.09961	338.89	110.25	48.831531	-86.928168	56022.86	56250.6	-0.55	56022.31	56028.36719	55972.18083	55987.10156	505271.7	5408730.7
L5270.0	505271.7	5408729.3	13475.20020	339.29	110.25	48.831518	-86.928168	56022.20	56250.6	-0.55	56021.65	56027.69531	55971.76899	55986.63672	505271.7	5408729.3
L5270.0	505271.7	5408727.8	13475.29981	339.00	109.27	48.831505	-86.928168	56021.44	56250.6	-0.55	56020.89	56026.92578	55968.70794	55983.52344	505271.7	5408727.8
L5270.0	505271.7	5408727.8	13475.40039	339.77	109.27	48.831505	-86.928168	56020.71	56250.6	-0.55	56020.15	56026.17578	55966.02371	55980.78125	505271.7	5408727.8
L5270.0	505271.7	5408725.9	13475.50000	340.75	113.51	48.831488	-86.928168	56020.04	56250.6	-0.56	56019.49	56025.50391	55965.22437	55979.92578	505271.7	5408725.9
L5270.0	505271.7	5408724.7	13475.59961	341.18	113.51	48.831478	-86.928168	56019.34	56250.6	-0.56	56018.79	56024.79297	55963.26418	55977.90625	505271.7	5408724.7
L5270.0	505271.7	5408723.1	13475.70020	341.65	113.61	48.831463	-86.928168	56018.66	56250.6	-0.56	56018.10	56024.09375	55961.39829	55975.98047	505271.7	5408723.1
L5270.0	505271.7	5408723.1	13475.79981	339.58	112.92	48.831463	-86.928168	56018.00	56250.6	-0.56	56017.44	56023.42188	55960.12290	55974.64453	505271.7	5408723.1
L5270.0	505271.7	5408721.6	13475.90039	338.90	112.92	48.831450	-86.928168	56017.37	56250.6	-0.56	56016.81	56022.78125	55959.42830	55973.88672	505271.7	5408721.6
L5270.0	505271.7	5408720.4	13476.00000	340.11	114.52	48.831439	-86.928168	56016.64	56250.6	-0.56	56016.08	56022.04297	55956.01596	55970.41016	505271.7	5408720.4
L5270.0	505271.7	5408719.0	13476.09961	340.10	114.52	48.831426	-86.928168	56015.95	56250.6	-0.56	56015.39	56021.33984	55953.41817	55967.75000	505271.7	5408719.0
L5270.0	505271.7	5408717.3	13476.20020	339.57	115.37	48.831411	-86.928168	56015.35	56250.6	-0.56	56014.79	56020.73047	55952.89043	55967.15234	505271.7	5408717.3
L5270.0	505271.7	5408715.6	13476.29981	340.08	115.67	48.831396	-86.928168	56014.66	56250.6	-0.55	56014.11	56020.04297	55950.12253	55964.32031	505271.7	5408715.6
L5270.0	505271.7	5408715.6	13476.40039	339.91	115.67	48.831396	-86.928168	56014.06	56250.6	-0.55	56013.50	56019.42188	55948.90006	55963.02734	505271.7	5408715.6
L5270.0	505271.7	5408714.5	13476.50000	339.79	115.29	48.831385	-86.928168	56013.45	56250.6	-0.55	56012.89	56018.80078	55947.44297	55961.50000	505271.7	5408714.5
L5270.0	505271.7	5408713.2	13476.50000	339.79	118.74	48.831374	-86.928168	56012.84	56250.6	-0.55	56012.29	56018.19141	55945.99525	55959.98047	505271.7	5408713.2
L5270.0	505271.7	5408711.8	13476.70020	340.64	118.74	48.831362	-86.928168	56012.23	56250.5	-0.55	56011.68	56017.57031	55944.04208	55957.95703	505271.7	5408711.8

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5270.0	505271.7	5408710.2	13476.79981	337.72	118.66	48.831347	-86.928168	56011.60	56250.5	-0.54	56011.06	56016.94141	55941.57476	55955.41406	505271.7	5408710.2
L5270.0	505271.7	5408710.2	13476.90039	335.51	113.68	48.831347	-86.928168	56011.05	56250.5	-0.54	56010.50	56016.37109	55940.35569	55954.12109	505271.7	5408710.2
L5270.0	505271.7	5408708.7	13477.00000	336.83	113.68	48.831333	-86.928168	56010.46	56250.5	-0.54	56009.92	56015.78125	55938.35260	55952.04688	505271.7	5408708.7
L5270.0	505271.7	5408707.5	13477.09961	337.62	112.78	48.831323	-86.928168	56009.93	56250.5	-0.55	56009.38	56015.23438	55937.36110	55950.97656	505271.7	5408707.5
L5270.0	505271.7	5408706.1	13477.20020	338.56	112.93	48.831310	-86.928168	56009.40	56250.6	-0.55	56008.85	56014.69141	55936.68122	55950.22266	505271.7	5408706.1
L5270.0	505271.7	5408704.1	13477.29981	337.79	112.93	48.831292	-86.928168	56008.87	56250.6	-0.56	56008.31	56014.14453	55935.51153	55948.97656	505271.7	5408704.1
L5270.0	505271.7	5408704.1	13477.40039	337.63	115.87	48.831292	-86.928168	56008.36	56250.6	-0.56	56007.80	56013.62109	55934.83137	55948.21875	505271.7	5408704.1
L5270.0	505271.7	5408702.7	13477.50000	339.31	115.87	48.831280	-86.928167	56007.83	56250.6	-0.57	56007.26	56013.07422	55933.15345	55946.46484	505271.7	5408702.7
L5270.0	505271.8	5408701.0	13477.59961	338.68	115.87	48.831264	-86.928167	56007.33	56250.6	-0.58	56006.75	56012.55078	55931.93090	55945.16406	505271.8	5408701.0
L5270.0	505271.8	5408699.6	13477.70020	338.65	115.87	48.831252	-86.928167	56006.94	56250.6	-0.58	56006.36	56012.15234	55933.27863	55946.43359	505271.8	5408699.6
L5270.0	505271.8	5408699.6	13477.79981	339.78	115.87	48.831252	-86.928167	56006.42	56250.6	-0.59	56005.83	56011.61328	55930.97443	55944.05078	505271.8	5408699.6
L5270.0	505271.8	5408697.9	13477.90039	341.76	115.87	48.831236	-86.928167	56006.01	56250.6	-0.59	56005.42	56011.19141	55931.18481	55944.17969	505271.8	5408697.9
L5270.0	505271.8	5408696.3	13478.00000	343.50	115.87	48.831222	-86.928167	56005.53	56250.6	-0.60	56004.93	56010.69141	55929.20012	55942.11719	505271.8	5408696.3
L5270.0	505271.8	5408695.1	13478.09961	331.68	115.87	48.831211	-86.928167	56005.13	56250.6	-0.60	56004.53	56010.28125	55928.96853	55941.80859	505271.8	5408695.1
L5270.0	505271.8	5408693.7	13478.20020	331.50	115.87	48.831198	-86.928167	56004.68	56250.6	-0.59	56004.08	56009.82031	55927.25226	55940.01172	505271.8	5408693.7
L5270.0	505271.8	5408693.7	13478.29981	330.55	115.87	48.831198	-86.928167	56004.34	56250.6	-0.59	56003.75	56009.48047	55927.91574	55940.59766	505271.8	5408693.7
L5270.0	505271.8	5408692.2	13478.40039	330.55	115.87	48.831185	-86.928167	56003.96	56250.6	-0.58	56003.38	56009.09766	55927.31789	55939.91797	505271.8	5408692.2
L5270.0	505271.8	5408690.8	13478.50000	330.32	115.87	48.831173	-86.928167	56003.66	56250.6	-0.58	56003.08	56008.78906	55927.92540	55940.44922	505271.8	5408690.8
L5270.0	505271.8	5408689.6	13478.50000	330.32	115.87	48.831162	-86.928167	56003.31	56250.6	-0.58	56002.72	56008.41797	55926.84326	55939.28906	505271.8	5408689.6
L5270.0	505271.8	5408689.6	13478.70020	330.25	115.87	48.831162	-86.928167	56003.05	56250.6	-0.57	56002.48	56008.16797	55928.03953	55940.40625	505271.8	5408689.6
L5270.0	505271.8	5408687.7	13478.79981	331.44	115.87	48.831145	-86.928167	56002.67	56250.6	-0.57	56002.10	56007.77344	55925.81247	55938.10156	505271.8	5408687.7
L5270.0	505271.8	5408686.2	13478.90039	333.75	115.87	48.831132	-86.928167	56002.52	56250.6	-0.56	56001.96	56007.62500	55928.43565	55940.64844	505271.8	5408686.2
L5270.0	505271.8	5408684.6	13479.00000	334.67	115.87	48.831116	-86.928167	56002.20	56250.6	-0.56	56001.64	56007.29297	55926.80190	55938.93750	505271.8	5408684.6
L5270.0	505271.8	5408684.6	13479.09961	335.29	115.87	48.831116	-86.928167	56001.98	56250.6	-0.56	56001.42	56007.05859	55926.96455	55939.02344	505271.8	5408684.6
L5270.0	505271.8	5408683.1	13479.20020	334.51	115.87	48.831103	-86.928167	56001.78	56250.6	-0.56	56001.22	56006.84766	55927.19530	55939.17969	505271.8	5408683.1
L5270.0	505271.8	5408682.1	13479.29981	333.50	115.87	48.831094	-86.928167	56001.54	56250.6	-0.56	56000.97	56006.58594	55926.02272	55937.92969	505271.8	5408682.1
L5270.0	505271.8	5408680.7	13479.40039	331.61	115.87	48.831081	-86.928167	56001.33	56250.6	-0.56	56000.77	56006.37500	55925.57555	55937.41016	505271.8	5408680.7
L5270.0	505271.8	5408678.8	13479.50000	331.40	116.11	48.831064	-86.928167	56001.13	56250.6	-0.57	56000.57	56006.16016	55924.80217	55936.56250	505271.8	5408678.8
L5270.0	505271.8	5408677.8	13479.59961	331.28	116.11	48.831056	-86.928167	56001.00	56250.6	-0.57	56000.44	56006.01953	55925.17364	55936.86328	505271.8	5408677.8
L5270.0	505271.8	5408677.8	13479.70020	330.48	116.84	48.831056	-86.928167	56000.85	56250.6	-0.57	56000.28	56005.84766	55924.61012	55936.22656	505271.8	5408677.8
L5270.0	505271.8	5408676.2	13479.79981	329.74	118.08	48.831041	-86.928167	56000.77	56250.6	-0.57	56000.21	56005.76172	55925.59320	55937.14063	505271.8	5408676.2
L5270.0	505271.8	5408674.2	13479.90039	329.50	118.08	48.831024	-86.928167	56000.65	56250.6	-0.57	56000.08	56005.62109	55925.03029	55936.50781	505271.8	5408674.2
L5270.0	505271.8	5408672.6	13480.00000	328.91	118.08	48.831009	-86.928167	56000.65	56250.6	-0.57	56000.08	56005.60547	55926.79296	55938.20313	505271.8	5408672.6
L5270.0	505271.8	5408672.6	13480.09961	329.82	118.08	48.831009	-86.928167	56000.57	56250.6	-0.57	56000.01	56005.52344	55926.80878	55938.15234	505271.8	5408672.6
L5270.0	505271.8	5408670.9	13480.20020	330.03	118.08	48.830994	-86.928167	56000.57	56250.6	-0.57	56000.01	56005.51172	55927.90147	55939.17969	505271.8	5408670.9
L5270.0	505271.8	5408669.8	13480.29981	329.70	116	48.830983	-86.928167	56000.55	56250.6	-0.56	55999.98	56005.46484	55928.05828	55939.27344	505271.8	5408669.8
L5270.0	505271.8	5408669.8	13480.40039	329.08	116	48.830983	-86.928167	56000.57	56250.6	-0.56	56000.01	56005.48047	55929.05746	55940.21094	505271.8	5408669.8
L5270.0	505271.8	5408667.8	13480.50000	326.29	115.44	48.830966	-86.928167	56000.62	56250.6	-0.56	56000.06	56005.51953	55930.08826	55941.17969	505271.8	5408667.8
L5270.0	505271.8	5408666.4	13480.50000	326.29	115.44	48.830953	-86.928167	56000.68	56250.6	-0.56	56000.12	56005.56250	55930.94204	55941.97656	505271.8	5408666.4
L5270.0	505271.8	5408665.0	13480.70020	326.42	108.1	48.830940	-86.928167	56000.75	56250.6	-0.56	56000.19	56005.62109	55931.61503	55942.58984	505271.8	5408665.0
L5270.0	505271.8	5408663.5	13480.79981	325.91	108.1	48.830927	-86.928167	56000.85	56250.6	-0.55	56000.30	56005.71484	55932.68301	55943.60547	505271.8	5408663.5
L5270.0	505271.8	5408663.5	13480.90039	326.21	111.55	48.830927	-86.928167	56000.92	56250.6	-0.55	56000.37	56005.76953	55938.55386	55949.42188	505271.8	5408663.5
L5270.0	505271.8	5408661.7	13481.00000	326.10	111.32	48.830910	-86.928166	56001.08	56250.6	-0.55	56000.53	56005.91406	55939.93292	55950.74609	505271.8	5408661.7
L5270.0	505271.8	5408660.2	13481.09961	324.78	111.32	48.830897	-86.928166	56001.25	56250.6	-0.55	56000.70	56006.07031	55941.07116	55951.83594	505271.8	5408660.2
L5270.0	505271.8	5408660.2	13481.20020	325.61	109.58	48.830897	-86.928166	56001.41	56250.6	-0.55	56000.85	56006.20313	55941.20097	55951.91406	505271.8	5408660.2
L5270.0	505271.9	5408658.5	13481.29981	327.21	111.33	48.830882	-86.928166	56001.58	56250.6	-0.55	56001.03	56006.36719	55941.62389	55952.29297	505271.9	5408658.5
L5270.0	505271.9	5408657.3	13481.40039	327.16	111.33	48.830871	-86.928166	56001.76	56250.6	-0.55	56001.21	56006.53125	55941.56744	55952.19141	505271.9	5408657.3
L5270.0	505271.9	5408655.9	13481.50000	327.31	115.89	48.830858	-86.928166	56002.02	56250.6	-0.56	56001.46	56006.76563	55937.30520	55947.88672	505271.9	5408655.9
L5270.0	505271.9	5408654.5	13481.59961	326.09	115.89	48.830846	-86.928166	56002.22	56250.6	-0.56	56001.66	56006.94922	55937.20988	55947.75000	505271.9	5408654.5
L5270.0	505271.9	5408653.3	13481.70020	327.29	116.55	48.830835	-86.928166	56002.52	56250.6	-0.56	56001.96	56007.23438	55938.71116	55949.21094	505271.9	5408653.3
L5270.0	505271.9	5408651.8	13481.79981	329.11	115.74	48.830822	-86.928166	56002.75	56250.6	-0.56	56002.19	56007.44922	55938.52813	55948.99219	505271.9	5408651.8
L5270.0	505271.9	5408651.8	13481.90039	329.44	115.74	48.830822	-86.928166	56003.03	56250.6	-0.56	56002.47	56007.71094	55938.99310	55949.42188	505271.9	5408651.8
L5270.0	505271.9	5408650.2	13482.00000	329.57	115.74	48.830807	-86.928166	56003.31	56250.6	-0.56	56002.75	56007.97266	55939.14276	55949.53906	505271.9	5408650.2
L5270.0	505271.9	5408648.8	13482.09961	328.44	114.97	48.830795	-86.928166	56003.68	56250.6	-0.56	56003.12	56008.32813	55940.76609	55951.13281	505271.9	5408648.8
L5270.0	505271.9	5408647.3	13482.20020	329.06	116.12	48.830781	-86.928166	56003.93	56250.6	-0.56	56003.37	56008.55859	55939.71279	55950.05469	505271.9	5408647.3
L5270.0	505271.9	5408647.3	13482.29981	328.20	116.12	48.830781	-86.928166	56004.37	56250.6	-0.56	56003.81	56008.98438	55942.17176	55952.48828	505271.9	5408647.3
L5270.0	505271.9	5408645.7	13482.40039	328.00	114.03	48.830767	-86.928165	56004.64	56250.6	-0.56	56004.08	56009.23438	55940.93648	55951.22656	505271.9	5408645.7
L5270.0	505271.9	5408644.2	13482.50000	327.39	114.03	48.830753	-86.928165	56005.08	56250.6	-0.56	56004.52	56009.66016	55942.88129	55953.15234	505271.9	5408644.2
L5270.0	505272.0	5408642.6	13482.50000	327.39	113.78	48.830739	-86.928165	56005.43	56250.6	-0.56	56004.87	56009.99219	55942.73721	55952.98828	505272.0	5408642.6
L5270.0	505272.0	5408642.6	13482.70020	328.94	115.41	48.830739	-86.928165	56005.81	56250.6	-0.56	56005.25	56010.35156	55942.95576	55953.19141	505272.0	5408642.6
L5270.0	505272.0	5408641.1	13482.79981	329.12	116.3	48.830725	-86.928165	56006.21	56250.6	-0.56	56005.65	56010.73438	55943.34302	55953.56641	505272.0	5408641.1
L5270.0	505272.0	5408639.6	13482.90039	330.28	116.3	48.830712	-86.928165	56006.67	56250.6	-0.56	56006.11	56011.17969	55944.75854	55954.96875	505272.0	5408639.6
L5270.0	505272.0	5408638.3	13483.00000	331.59	114.81	48.830700	-86.928165	56007.10	56250.6	-0.56	56006.54	56011.58984	55945.31568	55955.51953	505272.0	5408638.3
L5270.0	505272.0	5408636.6	13483.09961	332.13	114.81	48.830685	-86.928165	56007.53	56250.6	-0.56	56006.97	56012.00391	55945.64821	55955.84375	505272.0	5408636.6
L5270.0	505272.0	5408636.6	13483.20020	332.34	114.08	48.830685	-86.928165	56008.01	56250.6	-0.56	56007.44	56012.45313	55946.62768	55956.82031	505272.0	5408636.6
L5270.0	505272.0	5408634.9	13483.29981	330.68	115.21	48.830670	-86.928165	56008.48	56250.6	-0.57	56007.92	56012.91797	55947.62297	55957.81250	505272.0	5408634.9
L5270.0	505272.0	5408633.5	13483.40039	329.67	115.21	48.830657	-86.928165	56008.94	56250.6	-0.57	56008.37	56013.34766	55947.75717	55957.94922	505272.0	5408633.5
L5270.0	505272.0	5408632.1	13483.50000	328.18	114.75	48.830644	-86.928165	56009.43	56250.6	-0.57	56008.86	56013.82031	55948.58218	55958.77734	505272.0	5408632.1
L5270.0	505272.0	5408630.6	13483.59961	327.46	114.75	48.830631	-86.928165	56009.95	56250.6	-0.57	56009.38	56014.32422	55949.90250	55960.10547	505272.0	5408630.6
L5270.0	505272.0	5408630.6	13483.70020	335.88	116.66	48.830631	-86.928165	56010.46	56250.6	-0.57	56009.89	56014.81641	55950.83157	55961.04297	505272.0	5408630.6
L5270.0	505272.0	5408629.2	13483.79981	337.03	114.97	48.830619	-86.928165	56011.02	56250.6	-0.58	56010.44	56015.34766	55952.52068	55962.74219	505272.0	5408629.2
L5270.0	505272.0	5408627.6	13483.90039	341.23	114.97	48.830604	-86.928165	56011.50	56250.6	-0.58	56010.92	56015.80859	55952.44677	55962.67969	505272.0	5408627.6
L5270.0	505272.0	5408625.8	13484.00000	340.09	114.97	48.830588	-86.928165	56012.08	56250.6	-0.58	56011.50	56016.37109	55954.56672	55964.81641	505272.0	5408625.8
L5270.0	505272.0	5408624.4	13484.09961	339.51	115.51	48.830575	-86.928165	56012.64	56250.6	-0.58	56012.06	56016.91406	55956.11388	55966.37891	505272.0	5408624.4
L5270.0	505272.0	5408624.4	13484.20020	338.68	113.68	48.830575	-86.928165	56013.15	56250.6	-0.58	56012.57	56017.40625	55956.36967	55966.65625	505272.0	5408624.4
L5270.0	505272.0	5408623.0	13484.29981	336.95	113.68	48.830562	-86.928165	56013.68	56250.6	-0.57	56013.10	56017.91797	55956.99729	55967.30859	505272.0	5408623.0
L5270.0	505272.0	5408621.5	13484.40039	336.19	117	48.830549	-86.928165	56014.26	56250.6	-0.57	56013.69	56018.49219	55958.99410	55969.32813	505272.0	5408621.5
L5270.0	505272.0	5408621.5	13484.50000	334.52	117	48.830549	-86.928165	56014.76	56250.6	-0.57	56014.19	56018.97656	55958.73832	55969.10156	505272.0	5408621.5
L5270.0	505272.0	5408619.6	13484.50000	334.52	117.67	48.830532	-86.928165	56015.34	56250.6	-0.57	56014.77	56019.53906	55960.38251	55970.77344	505272.0	5408619.6
L5270.0	505272.0	5408618.2	13484.59961	335.80	117.67	48.830519	-86.928165	56015.90	56250.6	-0.57	56015.33	56020.08203	55961.49818	55971.92188	505272.0	5408618.2
L5270.0	505272.0	5408616.7	13484.79981	337.09	118.08	48.830506	-86.928165	56016.46	56250.6	-0.56	56015.89	56020.62500	55962.58646	55973.04297	505272.0	5408616.7
L5270.0	505272.0	5408615.3	13484.90039	328.98	118.14	48.830493	-86.928165	56017.02	56250.6	-0.56	56016.45	56021.16797	55963.65976	55974.15234	505272.0	5408615.3
L5270.0	505272.0	5408614.0	13485.00000	332.49	118.14	48.830482	-86.928165	56017.62	56250.6	-0.56	56017.06	56021.76172	55965.98375	55976.51563	505272.0	5408614.0
L5270.0	505272.0	5408612.7	13485.09961	338.14	112.03	48.830470	-86.928165	56018.18	56250.6	-0.56	56017.61	56022.29688	55966.80509	55977.37891	505272.0	5408612.7
L5270.0	505272.0	5408612.7	13485.20020	339.31	112.03	48.830470	-86.928165	56018.76	56250.6	-0.56	56018.19	56022.85938	55968.38451	55979.00000	505272.0	5408612.7
L5270.0	505272.0	5408610.9	13485.29981	338.85	112.86	48.830454	-86.928165	56019.36	56250.6	-0.57	56018.80	56023.45313	55970.73021	55981.39063	505272.0	5408610.9
L5270.0	505272.0	5408609.5	13485.40039	339.81	112.86	48.830441	-86.928165	56019.95	56250.6	-0.57	56019.38	56024.01953	55972.35657	55983.06250	505272.0	5408609.5
L5270.0	505272.0	5408609.5	13485.50000	338.79	115.19	48.830441	-86.928165	56020.56	56250.6	-0.57	56019.99	56024.61328	55974.77365	55985.52734	505272.0	5408609.5
L5270.0	505272.0	5408608.0	13485.59961	339.03	104.77	48.830428	-86.928166	56021.08	56250.6	-0.57	56020.51	56025.11719	55974.92215	55985.72656	505272.0	5408608.0
L5270.0	505272.0	5408606.6	13485.70020	338.98	104.77	48.830415	-86.928166	56021.70	56250.6	-0.57	56021.13	56025.72266	55977.61929	55988.47656	505272.0	5408606.6
L5270.0	505271.9	5408605.4	13485.79981	338.34	115.37	48.830405	-86.928166	56022.25	56250.6	-0.58	56021.67	56026.25000	55978.32142	55989.23438	505271.9	5408605.4
L5270.0	505271.9	5408604.2	13485.90039	337.98	117.47	48.830394	-86.928166	56022.86	56250.6	-0.58	56022.28	56026.84375	55980.83339	55991.80078	505271.9	5408604.2
L5270.0	505271.9	5408602.8	13486.00000	337.07	111.4	48.830381	-86.928166	56023.41	56250.6	-0.58	56022.83	56027.38281	55981.87609	55992.90234	505271.9	5408602.8

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5270.0	505271.9	5408601.3	13486.09961	334.61	111.4	48.830368	-86.928166	56023.92	56250.6	-0.58	56023.34	56027.87891	55981.96503	55993.05078	505271.9	5408601.3
L5270.0	505271.9	5408601.3	13486.20020	334.00	115.91	48.830368	-86.928166	56024.50	56250.6	-0.58	56023.92	56028.44531	55983.89238	55995.03906	505271.9	5408601.3
L5270.0	505271.9	5408599.7	13486.29981	335.57	116	48.830353	-86.928167	56025.03	56250.6	-0.58	56024.45	56028.96094	55984.63128	55995.83984	505271.9	5408599.7
L5270.0	505271.9	5408598.2	13486.40039	336.33	116	48.830340	-86.928167	56025.69	56250.6	-0.58	56025.11	56029.60938	55988.74430	56000.01563	505271.9	5408598.2
L5270.0	505271.9	5408598.2	13486.50000	335.51	117.13	48.830340	-86.928167	56026.15	56250.6	-0.58	56025.56	56030.05078	55987.63824	55998.97656	505271.9	5408598.2
L5270.0	505271.9	5408595.3	13486.50000	335.51	117.13	48.830313	-86.928167	56026.78	56250.6	-0.58	56026.19	56030.66797	55991.20424	56002.60938	505271.9	5408595.3
L5270.0	505271.9	5408595.3	13486.70020	336.13	113.01	48.830313	-86.928167	56027.28	56250.6	-0.59	56026.69	56031.15625	55991.64501	56003.11719	505271.9	5408595.3
L5270.0	505271.9	5408594.1	13486.79981	337.99	113.01	48.830303	-86.928167	56027.82	56250.6	-0.59	56027.23	56031.68750	55993.21451	56004.75781	505271.9	5408594.1
L5270.0	505271.8	5408592.6	13486.90039	337.46	110.47	48.830289	-86.928167	56028.30	56250.6	-0.59	56027.71	56032.15625	55993.39548	56005.00781	505271.8	5408592.6
L5270.0	505271.8	5408592.6	13487.00000	339.20	109.01	48.830289	-86.928167	56028.85	56250.6	-0.59	56028.26	56032.69922	55995.46335	56007.14844	505271.8	5408592.6
L5270.0	505271.8	5408590.7	13487.09961	339.37	113.58	48.830272	-86.928168	56029.38	56250.6	-0.59	56028.79	56033.21875	55997.15700	56008.91406	505271.8	5408590.7
L5270.0	505271.8	5408589.2	13487.20020	339.83	113.58	48.830258	-86.928168	56029.84	56250.6	-0.59	56029.25	56033.67188	55997.23381	56009.06641	505271.8	5408589.2
L5270.0	505271.8	5408588.0	13487.29981	339.80	112.6	48.830248	-86.928168	56030.37	56250.6	-0.59	56029.78	56034.19141	55999.20200	56011.10938	505271.8	5408588.0
L5270.0	505271.8	5408586.5	13487.40039	337.79	113.12	48.830234	-86.928168	56030.90	56250.6	-0.59	56030.31	56034.71484	56001.31365	56013.29688	505271.8	5408586.5
L5270.0	505271.8	5408585.0	13487.50000	337.28	113.12	48.830221	-86.928168	56031.31	56250.6	-0.59	56030.72	56035.12109	56000.59050	56012.64844	505271.8	5408585.0
L5270.0	505271.8	5408585.0	13487.59961	337.18	109.25	48.830221	-86.928168	56031.86	56250.6	-0.59	56031.27	56035.66406	56003.51561	56015.65234	505271.8	5408585.0
L5270.0	505271.8	5408583.4	13487.70020	336.07	109.25	48.830206	-86.928168	56032.27	56250.6	-0.59	56031.68	56036.06641	56003.13043	56015.34375	505271.8	5408583.4
L5270.0	505271.8	5408581.7	13487.79981	333.80	116.04	48.830191	-86.928168	56032.74	56250.6	-0.59	56032.15	56036.53516	56004.41280	56016.70313	505271.8	5408581.7
L5270.0	505271.8	5408580.3	13487.90039	332.99	116.04	48.830178	-86.928168	56033.18	56250.6	-0.59	56032.59	56036.96875	56005.13349	56017.50391	505271.8	5408580.3
L5270.0	505271.8	5408578.8	13488.00000	334.84	108.65	48.830165	-86.928168	56033.66	56250.6	-0.59	56033.07	56037.44531	56007.02716	56019.47656	505271.8	5408578.8
L5270.0	505271.8	5408578.8	13488.09961	334.32	109.38	48.830165	-86.928168	56034.06	56250.6	-0.59	56033.47	56037.84375	56007.13305	56019.66016	505271.8	5408578.8
L5270.0	505271.8	5408577.1	13488.20020	335.74	109.38	48.830150	-86.928168	56034.46	56250.6	-0.59	56033.88	56038.25000	56007.67336	56020.28125	505271.8	5408577.1
L5270.0	505271.8	5408575.2	13488.29981	335.45	109.38	48.830133	-86.928168	56034.92	56250.6	-0.59	56034.33	56038.69922	56009.37839	56022.06641	505271.8	5408575.2
L5270.0	505271.8	5408575.2	13488.40039	336.72	109.56	48.830133	-86.928168	56035.27	56250.6	-0.59	56034.68	56039.04688	56008.81989	56021.58984	505271.8	5408575.2
L5270.0	505271.8	5408573.8	13488.50000	338.52	110.65	48.830120	-86.928168	56035.71	56250.6	-0.59	56035.12	56039.48828	56010.64166	56023.49219	505271.8	5408573.8
L5270.0	505271.8	5408572.3	13488.50000	338.52	110.65	48.830106	-86.928169	56036.08	56250.6	-0.59	56035.49	56039.85938	56010.93757	56023.86719	505271.8	5408572.3
L5270.0	505271.8	5408570.9	13488.70020	339.04	113.95	48.830094	-86.928169	56036.52	56250.6	-0.59	56035.93	56040.30078	56013.11221	56026.12109	505271.8	5408570.9
L5270.0	505271.8	5408569.2	13488.79981	337.54	113.95	48.830078	-86.928169	56036.82	56250.6	-0.59	56036.23	56040.60156	56012.06957	56025.16016	505271.8	5408569.2
L5270.0	505271.8	5408569.2	13488.90039	336.70	111.85	48.830078	-86.928169	56037.22	56250.6	-0.59	56036.63	56041.00391	56013.62991	56026.80078	505271.8	5408569.2
L5270.0	505271.8	5408567.8	13489.00000	336.06	118.15	48.830066	-86.928169	56037.55	56250.6	-0.59	56036.96	56041.33984	56013.67970	56026.92969	505271.8	5408567.8
L5270.0	505271.7	5408566.2	13489.09961	336.04	118.15	48.830052	-86.928169	56037.91	56250.6	-0.59	56037.31	56041.69141	56014.40124	56027.73047	505271.7	5408566.2
L5270.0	505271.7	5408564.9	13489.20020	336.41	112.3	48.830040	-86.928169	56038.24	56250.6	-0.59	56037.64	56042.02734	56014.82979	56028.23828	505271.7	5408564.9
L5270.0	505271.7	5408563.2	13489.29981	334.91	112.3	48.830024	-86.928169	56038.56	56250.6	-0.60	56037.97	56042.36328	56015.45172	56028.94141	505271.7	5408563.2
L5270.0	505271.7	5408563.2	13489.40039	335.68	116.05	48.830024	-86.928169	56038.90	56250.6	-0.60	56038.30	56042.69922	56016.26628	56029.83203	505271.7	5408563.2
L5270.0	505271.7	5408561.5	13489.50000	334.81	116.96	48.830009	-86.928169	56039.20	56250.6	-0.60	56038.60	56043.00781	56016.54835	56030.19141	505271.7	5408561.5
L5270.0	505271.7	5408560.0	13489.59961	335.05	116.96	48.829996	-86.928169	56039.45	56250.6	-0.60	56038.84	56043.25391	56015.57468	56029.29688	505271.7	5408560.0
L5270.0	505271.7	5408558.6	13489.59961	335.05	116.96	48.829983	-86.928169	56039.75	56250.6	-0.60	56039.15	56043.57422	56016.47257	56030.26953	505271.7	5408558.6
L5270.0	505271.7	5408558.6	13489.79981	335.49	112.93	48.829983	-86.928169	56040.04	56250.6	-0.61	56039.43	56043.86328	56016.82912	56030.70313	505271.7	5408558.6
L5270.0	505271.7	5408557.0	13489.90039	336.74	116.24	48.829969	-86.928169	56040.26	56250.6	-0.61	56039.65	56044.09375	56015.92200	56029.87109	505271.7	5408557.0
L5270.0	505271.7	5408555.4	13490.00000	334.97	116.24	48.829955	-86.928170	56040.54	56250.6	-0.61	56039.93	56044.38672	56016.62389	56030.64844	505271.7	5408555.4
L5270.0	505271.7	5408555.4	13490.09961	334.97	116.24	48.829955	-86.928170	56040.82	56250.6	-0.61	56040.21	56044.67969	56017.48845	56031.58594	505271.7	5408555.4
L5270.0	505271.7	5408553.7	13490.20020	335.40	117.2	48.829939	-86.928170	56041.02	56250.6	-0.61	56040.41	56044.89063	56016.59628	56030.76953	505271.7	5408553.7
L5270.0	505271.7	5408552.8	13490.29981	332.73	117.2	48.829931	-86.928170	56041.27	56250.6	-0.60	56040.67	56045.16406	56017.29402	56031.53906	505271.7	5408552.8
L5270.0	505271.7	5408551.3	13490.40039	334.43	117.2	48.829918	-86.928170	56041.47	56250.6	-0.60	56040.87	56045.37891	56016.70044	56031.01563	505271.7	5408551.3
L5270.0	505271.7	5408549.9	13490.50000	333.18	117.2	48.829905	-86.928170	56041.70	56250.6	-0.60	56041.10	56045.62500	56016.96877	56031.35156	505271.7	5408549.9
L5270.0	505271.7	5408548.6	13490.50000	333.18	117.2	48.829894	-86.928170	56041.95	56250.6	-0.60	56041.35	56045.89063	56017.86101	56032.31641	505271.7	5408548.6
L5270.0	505271.7	5408547.2	13490.70020	333.77	117.2	48.829881	-86.928170	56042.13	56250.6	-0.60	56041.54	56046.09766	56017.44959	56031.97266	505271.7	5408547.2
L5270.0	505271.7	5408547.2	13490.79981	333.29	117.2	48.829881	-86.928170	56042.32	56250.6	-0.59	56041.72	56046.29688	56016.93014	56031.51953	505271.7	5408547.2
L5270.0	505271.7	5408544.5	13490.90039	334.06	117.2	48.829857	-86.928170	56042.48	56250.6	-0.59	56041.89	56046.48438	56016.29710	56030.95313	505271.7	5408544.5
L5270.0	505271.7	5408544.5	13491.00000	334.72	117.2	48.829857	-86.928170	56042.69	56250.6	-0.59	56042.10	56046.71484	56016.76310	56031.48047	505271.7	5408544.5
L5270.0	505271.7	5408542.9	13491.09961	337.43	117.2	48.829842	-86.928170	56042.89	56250.6	-0.59	56042.30	56046.93359	56017.11531	56031.89844	505271.7	5408542.9
L5270.0	505271.7	5408541.4	13491.20020	337.48	117.2	48.829828	-86.928170	56043.02	56250.6	-0.59	56042.43	56047.08594	56015.87611	56030.71875	505271.7	5408541.4
L5270.0	505271.7	5408541.4	13491.29981	337.87	115.29	48.829828	-86.928170	56043.17	56250.6	-0.60	56042.57	56047.25000	56014.99590	56029.90234	505271.7	5408541.4
L5270.0	505271.7	5408538.9	13491.40039	334.16	115.29	48.829806	-86.928170	56043.32	56250.6	-0.60	56042.72	56047.42188	56014.47681	56029.44141	505271.7	5408538.9
L5270.0	505271.7	5408538.9	13491.50000	335.90	115.29	48.829806	-86.928170	56043.49	56250.6	-0.60	56042.89	56047.61719	56014.56923	56029.59375	505271.7	5408538.9
L5270.0	505271.7	5408537.2	13491.59961	336.25	115.29	48.829791	-86.928170	56043.60	56250.6	-0.60	56043.00	56047.75000	56013.28336	56028.36328	505271.7	5408537.2
L5270.0	505271.7	5408535.8	13491.70020	335.41	118.17	48.829779	-86.928170	56043.75	56250.6	-0.60	56043.15	56047.92578	56013.10475	56028.23828	505271.7	5408535.8
L5270.0	505271.7	5408535.8	13491.79981	338.35	117.23	48.829779	-86.928170	56043.88	56250.6	-0.61	56043.27	56048.07031	56012.28528	56027.47656	505271.7	5408535.8
L5270.0	505271.7	5408532.5	13491.90039	339.22	117.23	48.829748	-86.928170	56044.03	56250.6	-0.61	56043.42	56048.25000	56012.32012	56027.56250	505271.7	5408532.5
L5270.0	505271.7	5408532.5	13492.00000	338.34	117.3	48.829748	-86.928170	56044.11	56250.6	-0.61	56043.50	56048.35547	56010.69167	56025.98438	505271.7	5408532.5
L5270.0	505271.7	5408530.8	13492.09961	339.46	117.3	48.829733	-86.928170	56044.23	56250.6	-0.61	56043.62	56048.50391	56010.15525	56025.50000	505271.7	5408530.8
L5270.0	505271.7	5408529.3	13492.20020	339.51	116.62	48.829720	-86.928170	56044.33	56250.6	-0.61	56043.72	56048.63281	56009.19476	56024.58984	505271.7	5408529.3
L5270.0	505271.7	5408529.3	13492.29981	340.50	115.84	48.829720	-86.928170	56044.46	56250.6	-0.61	56043.85	56048.79297	56009.05849	56024.50000	505271.7	5408529.3
L5270.0	505271.7	5408527.4	13492.40039	337.92	115.84	48.829703	-86.928170	56044.54	56250.6	-0.61	56043.93	56048.90625	56007.72256	56023.21094	505271.7	5408527.4
L5270.0	505271.7	5408527.4	13492.50000	338.00	117.88	48.829703	-86.928170	56044.69	56250.6	-0.60	56044.08	56049.08594	56008.19572	56023.72656	505271.7	5408527.4
L5270.0	505271.7	5408525.5	13492.50000	338.00	117.88	48.829685	-86.928170	56044.73	56250.6	-0.60	56044.13	56049.17188	56006.19042	56021.76563	505271.7	5408525.5
L5270.0	505271.7	5408524.2	13492.70020	337.38	118.3	48.829674	-86.928170	56044.86	56250.6	-0.60	56044.26	56049.33203	56006.22064	56021.83984	505271.7	5408524.2
L5270.0	505271.7	5408523.0	13492.79981	338.64	118.59	48.829663	-86.928170	56044.96	56250.6	-0.60	56044.36	56049.46875	56005.51228	56021.17188	505271.7	5408523.0
L5270.0	505271.7	5408521.6	13492.90039	337.13	118.59	48.829650	-86.928170	56045.06	56250.6	-0.60	56044.46	56049.60156	56004.81149	56020.51172	505271.7	5408521.6
L5270.0	505271.7	5408519.9	13493.00000	334.39	115.34	48.829635	-86.928170	56045.17	56250.6	-0.60	56044.57	56049.74609	56004.36027	56020.09766	505271.7	5408519.9
L5270.0	505271.7	5408519.9	13493.09961	334.01	108.34	48.829635	-86.928170	56045.27	56250.6	-0.60	56044.66	56049.87500	56003.39585	56019.16797	505271.7	5408519.9
L5270.0	505271.7	5408518.4	13493.20020	333.83	108.34	48.829622	-86.928170	56045.34	56250.6	-0.61	56044.74	56049.99219	56002.16120	56017.97266	505271.7	5408518.4
L5270.0	505271.7	5408517.2	13493.29981	333.40	109.65	48.829611	-86.928170	56045.47	56250.6	-0.61	56044.86	56050.14844	56001.90885	56017.75391	505271.7	5408517.2
L5270.0	505271.7	5408515.8	13493.40039	335.06	117.91	48.829598	-86.928170	56045.57	56250.6	-0.62	56044.95	56050.27734	56000.86491	56016.74219	505271.7	5408515.8
L5270.0	505271.8	5408514.3	13493.50000	335.48	117.91	48.829585	-86.928170	56045.66	56250.6	-0.62	56045.04	56050.40625	55999.77837	56015.68750	505271.8	5408514.3
L5270.0	505271.8	5408512.8	13493.59961	337.13	109.05	48.829572	-86.928169	56045.79	56250.6	-0.62	56045.17	56050.57813	55999.69995	56015.64063	505271.8	5408512.8
L5270.0	505271.8	5408511.7	13493.70020	337.07	109.05	48.829561	-86.928169	56045.85	56250.6	-0.63	56045.22	56050.66797	55997.57458	56013.54688	505271.8	5408511.7
L5270.0	505271.8	5408511.7	13493.79981	338.30	111.03	48.829561	-86.928169	56046.00	56250.6	-0.63	56045.37	56050.85938	55997.92445	56013.92578	505271.8	5408511.7
L5270.0	505271.8	5408509.8	13493.90039	338.34	111.03	48.829544	-86.928169	56046.06	56250.6	-0.64	56045.42	56050.94922	55995.68247	56011.71094	505271.8	5408509.8
L5270.0	505271.8	5408508.4	13494.00000	339.77	109.86	48.829531	-86.928169	56046.20	56250.6	-0.64	56045.56	56051.13281	55995.64831	56011.70313	505271.8	5408508.4
L5270.0	505271.8	5408506.8	13494.09961	339.49	113.79	48.829517	-86.928169	56046.28	56250.6	-0.64	56045.64	56051.25391	55994.02009	56010.10156	505271.8	5408506.8
L5270.0	505271.8	5408506.8	13494.20020	340.88	113.79	48.829517	-86.928169	56046.41	56250.6	-0.64	56045.77	56051.42969	55993.57384	56009.67969	505271.8	5408506.8
L5270.0	505271.8	5408505.4	13494.29981	341.20	112.17	48.829504	-86.928169	56046.56	56250.6	-0.63	56045.92	56051.62500	55993.54391	56009.67188	505271.8	5408505.4
L5270.0	505271.8	5408504.2	13494.40039	338.61	111.53	48.829494	-86.928169	56046.69	56250.6	-0.63	56046.06	56051.80859	55993.16480	56009.31641	505271.8	5408504.2
L5270.0	505271.8	5408502.8	13494.50000	338.67	97.89	48.829481	-86.928168	56046.82	56250.6	-0.63	56046.19	56051.98438	55992.43019	56008.60547	505271.8	5408502.8
L5270.0	505271.8	5408502.8	13494.50000	338.67	97.89	48.829481	-86.928168	56046.93	56250.6	-0.63	56046.30	56052.14063	55991.08099	56007.27734	505271.8	5408502.8
L5270.0	505271.9	5408499.7	13494.59961	338.13	97.89	48.829453	-86.928168	56047.12	56250.6	-0.63	56046.49	56052.37500	55991.64121	56007.85547	505271.9	5408499.7
L5270.0	505271.9	5408499.7	13494.79981	337.07	98.77	48.829453	-86.928168	56047.26	56250.6	-0.62	56046.64	56052.57422	55991.06930	56007.30469	505271.9	5408499.7
L5270.0	505271.9	5408498.3	13494.90039	337.70	98.77	48.829441	-86.928168	56047.45	56250.6	-0.62	56046.82	56052.80078	55991.13080	56007.38672	505271.9	5408498.3
L5270.0	505271.9	5408496.6	13495.00000	338.68	103.08	48.829425	-86.928168	56047.62	56250.6	-0.62	56047.00	56053.02734	55991.06158	56007.33594	505271.9	5408496.6
L5270.0	505271.9	5408496.6	13495.09961	336.99	109.97	48.829425	-86.928168	56047.80	56250.6	-0.62	56047.17	56053.24609	55990.60377	56006.89453	505271.9	5408496.6
L5270.0	505271.9	5408495.1	13495.20020	337.43	109.97	48.829412	-86.928168	56047.97	56250.6	-0.62	56047.35	56053.47656	55990.25874	56006.57031	505271.9	5408495.1
L5270.0	505271.9	5408493.4	13495.29981	337.53	104.58	48.829397	-86.928168	56048.20	56250.6	-0.63	56047.58	56053.75781	55991.03414	56007.35938	505271.9	5408493.4

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5270.0	505271.9	5408492.0	13495.40039	337.68	104.58	48.829384	-86.928168	56048.38	56250.6	-0.63	56047.75	56053.97656	55990.14306	56006.48828	505271.9	5408492.0
L5270.0	505271.9	5408490.3	13495.50000	339.53	107.43	48.829369	-86.928168	56048.66	56250.6	-0.63	56048.03	56054.30469	55991.88262	56008.24219	505271.9	5408490.3
L5270.0	505271.9	5408490.3	13495.59961	337.38	104.31	48.829369	-86.928168	56048.86	56250.6	-0.63	56048.23	56054.55859	55991.44262	56007.82031	505271.9	5408490.3
L5270.0	505271.9	5408488.8	13495.70020	336.04	104.31	48.829356	-86.928169	56049.14	56250.6	-0.63	56048.50	56054.87891	55992.61481	56009.00781	505271.9	5408488.8
L5270.0	505271.8	5408487.5	13495.79981	335.09	104.26	48.829343	-86.928169	56049.34	56250.6	-0.64	56048.71	56055.14063	55992.10758	56008.51563	505271.8	5408487.5
L5270.0	505271.8	5408487.5	13495.90039	335.43	106.59	48.829343	-86.928169	56049.59	56250.6	-0.64	56048.96	56055.44141	55992.44842	56008.87109	505271.8	5408487.5
L5270.0	505271.8	5408485.6	13496.00000	336.23	106.59	48.829326	-86.928169	56049.84	56250.6	-0.64	56049.20	56055.73438	55992.37027	56008.80859	505271.8	5408485.6
L5270.0	505271.8	5408484.1	13496.09961	337.86	105.8	48.829313	-86.928169	56050.08	56250.6	-0.64	56049.44	56056.02734	55992.12438	56008.57813	505271.8	5408484.1
L5270.0	505271.8	5408482.7	13496.20020	338.47	105.8	48.829300	-86.928169	56050.35	56250.6	-0.63	56049.72	56056.35938	55992.72129	56009.19141	505271.8	5408482.7
L5270.0	505271.8	5408482.7	13496.29981	338.85	104.07	48.829300	-86.928169	56050.66	56250.6	-0.63	56050.03	56056.72266	55993.90696	56010.39453	505271.8	5408482.7
L5270.0	505271.8	5408481.3	13496.40039	339.66	104.67	48.829288	-86.928169	56050.88	56250.6	-0.62	56050.26	56057.00781	55992.89775	56009.40234	505271.8	5408481.3
L5270.0	505271.8	5408479.9	13496.50000	339.66	104.67	48.829275	-86.928169	56051.20	56250.6	-0.62	56050.58	56057.37891	55993.99411	56010.51172	505271.8	5408479.9
L5270.0	505271.8	5408478.4	13496.50000	339.66	105.9	48.829262	-86.928169	56051.52	56250.6	-0.62	56050.90	56057.75391	55994.91908	56011.45313	505271.8	5408478.4
L5270.0	505271.8	5408477.3	13496.70020	339.17	105.75	48.829252	-86.928169	56051.79	56250.6	-0.61	56051.18	56058.08984	55994.82573	56011.37891	505271.8	5408477.3
L5270.0	505271.8	5408475.6	13496.79981	338.88	105.75	48.829237	-86.928169	56052.09	56250.6	-0.61	56051.49	56058.45313	55995.50709	56012.07422	505271.8	5408475.6
L5270.0	505271.8	5408475.6	13496.90039	339.98	103.89	48.829237	-86.928169	56052.48	56250.6	-0.60	56051.87	56058.88672	55997.81044	56014.39844	505271.8	5408475.6
L5270.0	505271.8	5408474.2	13497.00000	339.00	103.89	48.829224	-86.928169	56052.81	56250.6	-0.60	56052.21	56059.28125	55998.97772	56015.58203	505271.8	5408474.2
L5270.0	505271.8	5408472.5	13497.09961	336.44	108.59	48.829209	-86.928169	56053.12	56250.6	-0.60	56052.51	56059.63672	55999.02974	56015.65234	505271.8	5408472.5
L5270.0	505271.8	5408471.1	13497.20020	335.94	108.59	48.829196	-86.928169	56053.56	56250.6	-0.61	56052.96	56060.14453	56002.60861	56019.25000	505271.8	5408471.1
L5270.0	505271.8	5408471.1	13497.29981	335.02	104.91	48.829196	-86.928169	56053.84	56250.6	-0.61	56053.23	56060.46875	56001.66914	56018.33203	505271.8	5408471.1
L5270.0	505271.8	5408469.0	13497.40039	331.75	104.91	48.829177	-86.928169	56054.27	56250.6	-0.62	56053.66	56060.95313	56004.44111	56021.12109	505271.8	5408469.0
L5270.0	505271.8	5408467.8	13497.50000	331.04	107.14	48.829167	-86.928169	56054.61	56250.6	-0.62	56053.99	56061.33984	56004.67429	56021.37500	505271.8	5408467.8
L5270.0	505271.8	5408466.2	13497.59961	332.18	107.14	48.829152	-86.928169	56055.01	56250.6	-0.62	56054.38	56061.78516	56006.17918	56022.90234	505271.8	5408466.2
L5270.0	505271.8	5408466.2	13497.70020	333.52	108.86	48.829152	-86.928169	56055.39	56250.6	-0.63	56054.76	56062.22266	56007.29394	56024.03906	505271.8	5408466.2
L5270.0	505271.8	5408464.8	13497.79981	333.21	108.86	48.829139	-86.928169	56055.82	56250.6	-0.63	56055.18	56062.69922	56009.17254	56025.94141	505271.8	5408464.8
L5270.0	505271.8	5408463.3	13497.90039	331.41	111.66	48.829126	-86.928169	56056.17	56250.6	-0.64	56055.53	56063.10156	56009.29091	56026.08594	505271.8	5408463.3
L5270.0	505271.8	5408461.9	13498.00000	329.92	111.66	48.829114	-86.928169	56056.61	56250.6	-0.64	56055.97	56063.59766	56011.29768	56028.11719	505271.8	5408461.9
L5270.0	505271.8	5408461.9	13498.09961	330.68	112.19	48.829114	-86.928169	56057.03	56250.6	-0.64	56056.39	56064.07422	56012.68705	56029.53125	505271.8	5408461.9
L5270.0	505271.8	5408460.5	13498.20020	331.81	111.62	48.829101	-86.928169	56057.46	56250.6	-0.63	56056.82	56064.56250	56014.13901	56031.01172	505271.8	5408460.5
L5270.0	505271.8	5408459.1	13498.29981	331.51	109.92	48.829088	-86.928169	56057.89	56250.6	-0.63	56057.26	56065.05859	56015.65212	56032.55078	505271.8	5408459.1
L5270.0	505271.8	5408457.5	13498.40039	331.21	109.92	48.829073	-86.928170	56058.27	56250.6	-0.63	56057.65	56065.50391	56015.91661	56032.84766	505271.8	5408457.5
L5270.0	505271.8	5408456.3	13498.50000	330.90	109.92	48.829063	-86.928170	56058.80	56250.6	-0.63	56058.17	56066.07813	56018.87981	56035.83984	505271.8	5408456.3
L5270.0	505271.8	5408454.6	13498.50000	330.90	110.29	48.829047	-86.928170	56059.18	56250.6	-0.63	56058.56	56066.52734	56018.87252	56035.86328	505271.8	5408454.6
L5270.0	505271.8	5408454.6	13498.70020	330.63	110.65	48.829047	-86.928170	56059.64	56250.6	-0.62	56059.02	56067.04297	56020.26183	56037.28516	505271.8	5408454.6
L5270.0	505271.8	5408452.7	13498.79981	331.90	110.65	48.829030	-86.928170	56060.07	56250.6	-0.62	56059.45	56067.52734	56020.88645	56037.94531	505271.8	5408452.7
L5270.0	505271.8	5408452.7	13498.90039	330.90	107.98	48.829030	-86.928170	56060.55	56250.6	-0.61	56059.93	56068.06250	56022.48237	56039.57422	505271.8	5408452.7
L5270.0	505271.8	5408449.8	13499.00000	331.38	107.98	48.829005	-86.928170	56061.00	56250.6	-0.61	56060.39	56068.57813	56023.55084	56040.67969	505271.8	5408449.8
L5270.0	505271.8	5408449.8	13499.09961	333.64	111.64	48.829005	-86.928170	56061.46	56250.6	-0.61	56060.84	56069.08594	56024.31801	56041.48438	505271.8	5408449.8
L5270.0	505271.8	5408448.4	13499.20020	332.18	111.64	48.828992	-86.928170	56061.93	56250.6	-0.62	56061.31	56069.60938	56025.43459	56042.64063	505271.8	5408448.4
L5270.0	505271.8	5408448.4	13499.29981	330.61	107.72	48.828992	-86.928170	56062.39	56250.6	-0.63	56061.77	56070.12500	56026.26412	56043.51172	505271.8	5408448.4
L5270.0	505271.8	5408446.5	13499.40039	331.16	107.72	48.828975	-86.928170	56062.82	56250.6	-0.63	56062.19	56070.60156	56026.17206	56043.46094	505271.8	5408446.5
L5270.0	505271.8	5408445.5	13499.50000	330.36	112.03	48.828966	-86.928170	56063.33	56250.6	-0.64	56062.69	56071.15625	56027.73099	56045.06250	505271.8	5408445.5
L5270.0	505271.8	5408443.9	13499.59961	332.14	109.18	48.828951	-86.928170	56063.76	56250.6	-0.64	56063.12	56071.64063	56027.73959	56045.11719	505271.8	5408443.9
L5270.0	505271.8	5408442.6	13499.70020	332.29	109.18	48.828940	-86.928170	56064.29	56250.6	-0.65	56063.64	56072.21484	56029.61769	56047.03906	505271.8	5408442.6
L5270.0	505271.8	5408441.0	13499.79981	332.53	118.33	48.828925	-86.928170	56064.72	56250.7	-0.65	56064.07	56072.69922	56029.52840	56046.99609	505271.8	5408441.0
L5270.0	505271.8	5408441.0	13499.90039	331.07	118.51	48.828925	-86.928170	56065.22	56250.7	-0.66	56064.57	56073.25391	56030.89161	56048.41016	505271.8	5408441.0
L5270.0	505271.8	5408439.8	13500.00000	330.82	118.51	48.828914	-86.928170	56065.66	56250.7	-0.66	56065.00	56073.73828	56030.72538	56048.29297	505271.8	5408439.8
L5270.0	505271.8	5408438.1	13500.09961	330.60	118.54	48.828899	-86.928170	56066.19	56250.7	-0.66	56065.53	56074.32422	56032.66229	56050.28125	505271.8	5408438.1
L5270.0	505271.8	5408436.9	13500.20020	327.87	118.58	48.828889	-86.928170	56066.66	56250.7	-0.65	56066.01	56074.85547	56033.50759	56051.17969	505271.8	5408436.9
L5270.0	505271.8	5408435.7	13500.29981	329.70	118.58	48.828878	-86.928170	56067.13	56250.7	-0.65	56066.48	56075.37891	56034.11982	56051.84766	505271.8	5408435.7
L5270.0	505271.8	5408434.1	13500.40039	327.80	118.58	48.828863	-86.928169	56067.60	56250.6	-0.65	56066.95	56075.90234	56034.71757	56052.50000	505271.8	5408434.1
L5270.0	505271.9	5408432.9	13500.50000	330.48	118.58	48.828853	-86.928169	56068.06	56250.6	-0.65	56067.41	56076.41797	56035.08697	56052.92578	505271.9	5408432.9
L5270.0	505271.9	5408432.9	13500.50000	330.48	118.58	48.828853	-86.928169	56068.59	56250.6	-0.65	56067.94	56077.00000	56036.93770	56054.83594	505271.9	5408432.9
L5270.0	505271.9	5408431.2	13500.70020	330.14	118.58	48.828837	-86.928169	56069.02	56250.6	-0.64	56068.38	56077.49219	56036.84999	56054.80859	505271.9	5408431.2
L5270.0	505271.9	5408431.2	13500.79981	331.02	118.58	48.828837	-86.928169	56069.50	56250.6	-0.64	56068.87	56078.03516	56037.81655	56055.83594	505271.9	5408431.2
L5270.0	505271.9	5408429.1	13500.90039	333.22	118.95	48.828818	-86.928169	56070.06	56250.6	-0.63	56069.42	56078.63672	56040.05647	56058.13672	505271.9	5408429.1
L5270.0	505271.9	5408427.6	13501.00000	334.81	113.18	48.828805	-86.928169	56070.54	56250.6	-0.63	56069.91	56079.17578	56040.99567	56059.14063	505271.9	5408427.6
L5270.0	505271.9	5408426.4	13501.09961	332.83	113.18	48.828794	-86.928169	56070.96	56250.6	-0.63	56070.34	56079.66016	56040.62374	56058.83594	505271.9	5408426.4
L5270.0	505271.9	5408424.8	13501.20020	332.11	114.16	48.828780	-86.928168	56071.50	56250.6	-0.63	56070.87	56080.23828	56042.40029	56060.67578	505271.9	5408424.8
L5270.0	505271.9	5408423.4	13501.29981	332.71	113.8	48.828767	-86.928168	56071.90	56250.6	-0.62	56071.28	56080.69922	56041.55222	56059.89844	505271.9	5408423.4
L5270.0	505271.9	5408423.4	13501.40039	333.05	110.66	48.828767	-86.928168	56072.40	56250.6	-0.62	56071.78	56081.25000	56042.65478	56061.07031	505271.9	5408423.4
L5270.0	505271.9	5408422.2	13501.50000	331.67	112.19	48.828756	-86.928168	56072.94	56250.6	-0.62	56072.32	56081.83984	56044.64820	56063.13281	505271.9	5408422.2
L5270.0	505272.0	5408420.5	13501.59961	330.10	112.19	48.828741	-86.928168	56073.37	56250.6	-0.62	56072.75	56082.32031	56044.20341	56062.76172	505272.0	5408420.5
L5270.0	505272.0	5408420.5	13501.70020	329.21	111.87	48.828741	-86.928168	56073.82	56250.6	-0.62	56073.21	56082.83203	56044.42697	56063.05859	505272.0	5408420.5
L5270.0	505272.0	5408418.1	13501.79981	328.91	112.69	48.828720	-86.928168	56074.31	56250.6	-0.61	56073.70	56083.37109	56045.34546	56064.05078	505272.0	5408418.1
L5270.0	505272.0	5408416.7	13501.90039	330.96	112.69	48.828707	-86.928168	56074.76	56250.6	-0.61	56074.15	56083.86719	56045.36988	56064.14844	505272.0	5408416.7
L5270.0	505272.0	5408416.7	13502.00000	333.10	115.21	48.828707	-86.928168	56075.24	56250.6	-0.61	56074.63	56084.39844	56046.11590	56064.97266	505272.0	5408416.7
L5270.0	505272.0	5408415.1	13502.09961	334.07	115.21	48.828692	-86.928168	56075.72	56250.6	-0.61	56075.11	56084.92578	56046.90462	56065.83594	505272.0	5408415.1
L5270.0	505272.0	5408413.7	13502.20020	334.46	115.21	48.828679	-86.928168	56076.16	56250.6	-0.60	56075.56	56085.42188	56047.02320	56066.03516	505272.0	5408413.7
L5270.0	505272.0	5408412.2	13502.29981	334.16	115.21	48.828667	-86.928168	56076.73	56250.6	-0.60	56076.13	56086.03906	56050.09438	56069.18359	505272.0	5408412.2
L5270.0	505272.0	5408410.8	13502.40039	339.43	115.07	48.828654	-86.928168	56077.06	56250.6	-0.60	56076.47	56086.42578	56047.62783	56066.80078	505272.0	5408410.8
L5270.0	505272.0	5408410.8	13502.50000	339.81	115.07	48.828654	-86.928168	56077.60	56250.6	-0.60	56077.00	56087.00391	56049.87404	56069.12500	505272.0	5408410.8
L5270.0	505272.0	5408409.4	13502.50000	339.81	115.51	48.828641	-86.928168	56078.02	56250.6	-0.60	56077.42	56087.46875	56049.45470	56068.78906	505272.0	5408409.4
L5270.0	505272.0	5408407.3	13502.70020	338.79	109.21	48.828622	-86.928168	56078.56	56250.6	-0.59	56077.97	56088.06641	56052.56858	56071.98438	505272.0	5408407.3
L5270.0	505272.0	5408407.3	13502.79981	339.92	109.21	48.828622	-86.928168	56078.91	56250.6	-0.59	56078.32	56088.46094	56050.81729	56070.32031	505272.0	5408407.3
L5270.0	505272.0	5408405.8	13502.90039	339.74	110.92	48.828609	-86.928168	56079.40	56250.6	-0.58	56078.82	56089.00781	56052.91503	56072.50000	505272.0	5408405.8
L5270.0	505272.0	5408404.7	13503.00000	341.70	110.92	48.828599	-86.928168	56079.79	56250.6	-0.58	56079.21	56089.44141	56052.28492	56071.95703	505272.0	5408404.7
L5270.0	505272.0	5408404.0	13503.09961	341.40	110.92	48.828592	-86.928168	56080.25	56250.6	-0.58	56079.67	56089.94531	56053.48155	56073.23828	505272.0	5408404.0
L5270.0	505272.0	5408402.8	13503.20020	342.37	116.69	48.828582	-86.928168	56080.65	56250.6	-0.59	56080.06	56090.38281	56052.96370	56072.80859	505272.0	5408402.8
L5270.0	505272.0	5408401.4	13503.29981	343.68	116.23	48.828569	-86.928168	56081.09	56250.6	-0.59	56080.49	56090.85547	56053.51479	56073.44531	505272.0	5408401.4
L5270.0	505272.0	5408399.8	13503.40039	341.24	117.52	48.828554	-86.928168	56081.44	56250.6	-0.60	56080.84	56091.25000	56052.09936	56072.11719	505272.0	5408399.8
L5270.0	505272.0	5408398.5	13503.50000	340.11	117.66	48.828543	-86.928168	56081.85	56250.6	-0.60	56081.25	56091.70313	56052.25963	56072.36719	505272.0	5408398.5
L5270.0	505272.0	5408397.2	13503.59961	340.63	117.66	48.828531	-86.928168	56082.30	56250.6	-0.60	56081.69	56092.18359	56053.23685	56073.42969	505272.0	5408397.2
L5270.0	505272.0	5408396.0	13503.70020	339.84	117.66	48.828521	-86.928168	56082.73	56250.6	-0.61	56082.12	56092.65625	56054.01923	56074.30078	505272.0	5408396.0
L5270.0	505272.0	5408394.9	13503.79981	342.10	117.66	48.828511	-86.928168	56083.16	56250.6	-0.61	56082.55	56093.12891	56054.85983	56075.23047	505272.0	5408394.9
L5270.0	505272.0	5408393.9	13503.90039	341.27	115.71	48.828501	-86.928168	56083.54	56250.6	-0.62	56082.92	56093.53906	56054.24071	56074.70313	505272.0	5408393.9
L5270.0	505272.0	5408392.7	13504.00000	341.82	116.73	48.828491	-86.928168	56083.99	56250.6	-0.62	56083.37	56094.03125	56055.70367	56076.25391	505272.0	5408392.7
L5270.0	505271.9	5408391.3	13504.09961	343.32	116.73	48.828478	-86.928169	56084.30	56250.6	-0.62	56083.68	56094.38281	56053.68281	56074.32031	505271.9	5408391.3
L5270.0	505271.9	5408391.3	13504.20020	344.37	116.73	48.828478	-86.928169	56084.83	56250.6	-0.62	56084.21	56094.95313	56057.28558	56078.01563	505271.9	5408391.3
L5270.0	505271.9	5408389.7	13504.29981	341.39	116.95	48.828464	-86.928169	56085.21	56250.6	-0.62	56084.58	56095.36328	56056.89813	56077.71484	505271.9	5408389.7
L5270.0	505271.9	5408388.3	13504.40039	342.44	115.04	48.828452	-86.928169	56085.62	56250.6	-0.62	56084.99	56095.81250	56057.57996	56078.48828	505271.9	5408388.3
L5270.0	505271.9	5408388.3	13504.50000	340.62	115.04	48.828452	-86.928169	56085.99	56250.6	-0.63	56085.37	56096.23438	56057.55983	56078.55469	505271.9	5408388.3
L5270.0	505271.9	5408386.7	13504.50000	340.62	117.61	48.828437	-86.928170	56086.45	56250.6	-0.63	56085.82	56096.72266	56059.36728	56080.45313	505271.9	5408386.7

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5270.0	505271.8	5408385.3	13504.59961	343.50	117.61	48.828424	-86.928170	56086.83	56250.6	-0.63	56086.21	56097.14844	56059.71302	56080.88672	505271.8	5408385.3
L5270.0	505271.8	5408384.3	13504.79981	341.48	116.33	48.828415	-86.928170	56087.23	56250.6	-0.63	56086.60	56097.57813	56060.11458	56081.37500	505271.8	5408384.3
L5270.0	505271.8	5408382.9	13504.90039	340.61	116.48	48.828403	-86.928170	56087.59	56250.6	-0.63	56086.96	56097.97656	56059.81254	56081.16406	505271.8	5408382.9
L5270.0	505271.8	5408381.4	13505.00000	341.64	116.48	48.828389	-86.928171	56087.94	56250.6	-0.63	56087.31	56098.36328	56059.31239	56080.75000	505271.8	5408381.4
L5270.0	505271.8	5408380.4	13505.09961	342.58	117.52	48.828380	-86.928171	56088.32	56250.6	-0.63	56087.69	56098.78125	56059.62561	56081.15234	505271.8	5408380.4
L5270.0	505271.8	5408379.2	13505.20020	345.37	117.56	48.828369	-86.928171	56088.70	56250.6	-0.63	56088.07	56099.19922	56059.99271	56081.60547	505271.8	5408379.2
L5270.0	505271.7	5408378.1	13505.29981	344.70	117.56	48.828359	-86.928171	56089.06	56250.6	-0.63	56088.42	56099.58594	56059.65420	56081.35156	505271.7	5408378.1
L5270.0	505271.7	5408376.7	13505.40039	346.18	117.26	48.828347	-86.928172	56089.40	56250.6	-0.63	56088.77	56099.97266	56059.36852	56081.15234	505271.7	5408376.7
L5270.0	505271.7	5408375.5	13505.50000	344.78	117.45	48.828336	-86.928172	56089.76	56250.6	-0.63	56089.13	56100.36719	56059.38811	56081.25781	505271.7	5408375.5
L5270.0	505271.7	5408375.5	13505.59961	344.27	117.87	48.828336	-86.928172	56090.14	56250.6	-0.64	56089.51	56100.78125	56059.96541	56081.91797	505271.7	5408375.5
L5270.0	505271.7	5408374.1	13505.70020	344.22	117.87	48.828324	-86.928172	56090.52	56250.6	-0.64	56089.89	56101.19922	56060.59390	56082.62891	505271.7	5408374.1
L5270.0	505271.7	5408373.2	13505.79981	344.66	117.87	48.828315	-86.928172	56090.85	56250.6	-0.64	56090.21	56101.55469	56059.75508	56081.87109	505271.7	5408373.2
L5270.0	505271.7	5408371.6	13505.90039	343.99	111.44	48.828301	-86.928172	56091.28	56250.6	-0.64	56090.64	56102.01563	56061.74922	56083.94922	505271.7	5408371.6
L5270.0	505271.7	5408370.4	13506.00000	341.69	111.44	48.828290	-86.928173	56091.56	56250.6	-0.64	56090.92	56102.33203	56059.99802	56082.27734	505271.7	5408370.4
L5270.0	505271.7	5408369.0	13506.09961	341.99	111.44	48.828278	-86.928173	56091.96	56250.6	-0.64	56091.32	56102.76563	56061.33166	56083.69141	505271.7	5408369.0
L5270.0	505271.7	5408367.9	13506.20020	334.21	117.22	48.828267	-86.928173	56092.34	56250.6	-0.64	56091.70	56103.17969	56062.20774	56084.64453	505271.7	5408367.9
L5270.0	505271.7	5408367.9	13506.29981	332.79	115.52	48.828267	-86.928173	56092.68	56250.6	-0.63	56092.04	56103.55078	56062.11971	56084.63281	505271.7	5408367.9
L5270.0	505271.6	5408366.1	13506.40039	339.18	117.97	48.828252	-86.928173	56093.00	56250.6	-0.63	56092.37	56103.91406	56061.82600	56084.41797	505271.6	5408366.1
L5270.0	505271.6	5408364.8	13506.50000	341.13	117.97	48.828240	-86.928173	56093.43	56250.6	-0.63	56092.80	56104.37891	56064.10898	56086.77344	505271.6	5408364.8
L5270.0	505271.6	5408363.3	13506.50000	341.13	117.97	48.828227	-86.928174	56093.73	56250.6	-0.63	56093.10	56104.71094	56063.14931	56085.88672	505271.6	5408363.3
L5270.0	505271.6	5408362.4	13506.70020	340.61	117.97	48.828218	-86.928174	56094.09	56250.6	-0.63	56093.46	56105.10156	56063.75330	56086.56641	505271.6	5408362.4
L5270.0	505271.6	5408361.3	13506.79981	339.51	117.97	48.828208	-86.928174	56094.44	56250.6	-0.62	56093.81	56105.48438	56064.14947	56087.03125	505271.6	5408361.3
L5270.0	505271.6	5408359.6	13506.90039	339.54	117.97	48.828193	-86.928174	56094.80	56250.6	-0.62	56094.17	56105.87500	56064.84330	56087.79688	505271.6	5408359.6
L5270.0	505271.6	5408359.6	13507.00000	338.69	117.97	48.828193	-86.928174	56095.15	56250.6	-0.62	56094.53	56106.26563	56065.58129	56088.60156	505271.6	5408359.6
L5270.0	505271.6	5408358.3	13507.09961	339.42	117.97	48.828181	-86.928174	56095.50	56250.6	-0.62	56094.88	56106.64453	56066.10992	56089.19531	505271.6	5408358.3
L5270.0	505271.5	5408356.0	13507.20020	339.96	117.97	48.828160	-86.928175	56095.86	56250.6	-0.62	56095.24	56107.03516	56066.93470	56090.08594	505271.5	5408356.0
L5270.0	505271.5	5408356.0	13507.29981	341.13	117.97	48.828160	-86.928175	56096.18	56250.6	-0.62	56095.56	56107.38672	56066.79016	56090.00781	505271.5	5408356.0
L5270.0	505271.5	5408354.7	13507.40039	340.71	117.97	48.828149	-86.928175	56096.54	56250.6	-0.62	56095.91	56107.76563	56067.44676	56090.72656	505271.5	5408354.7
L5270.0	505271.5	5408353.4	13507.50000	341.85	117.97	48.828137	-86.928175	56096.92	56250.6	-0.63	56096.29	56108.17578	56068.90402	56092.24219	505271.5	5408353.4
L5270.0	505271.5	5408352.0	13507.59961	342.74	117.97	48.828124	-86.928175	56097.22	56250.6	-0.63	56096.60	56108.51563	56068.63156	56092.03125	505271.5	5408352.0
L5270.0	505271.5	5408350.3	13507.70020	342.58	117.97	48.828109	-86.928175	56097.56	56250.6	-0.63	56096.93	56108.87109	56068.90583	56092.36328	505271.5	5408350.3
L5270.0	505271.5	5408349.3	13507.79981	341.58	117.97	48.828101	-86.928175	56097.93	56250.6	-0.63	56097.31	56109.28125	56070.48535	56093.99609	505271.5	5408349.3
L5270.0	505271.5	5408349.3	13507.90039	340.65	117.97	48.828101	-86.928175	56098.20	56250.6	-0.63	56097.57	56109.57031	56069.06883	56092.63672	505271.5	5408349.3
L5270.0	505271.5	5408347.9	13508.00000	338.85	117.97	48.828088	-86.928175	56098.57	56250.6	-0.63	56097.94	56109.96484	56070.47460	56094.09375	505271.5	5408347.9
L5270.0	505271.5	5408346.5	13508.09961	339.38	117.97	48.828075	-86.928175	56098.86	56250.6	-0.63	56098.24	56110.29297	56070.14842	56093.81641	505271.5	5408346.5
L5270.0	505271.5	5408345.5	13508.20020	338.12	117.97	48.828066	-86.928175	56099.25	56250.6	-0.62	56098.63	56110.71094	56072.13771	56095.85547	505271.5	5408345.5
L5270.0	505271.5	5408343.9	13508.29981	337.72	117.97	48.828052	-86.928175	56099.52	56250.6	-0.62	56098.90	56111.00781	56071.12925	56094.89453	505271.5	5408343.9
L5270.0	505271.5	5408342.7	13508.40039	339.41	117.97	48.828041	-86.928175	56099.88	56250.6	-0.62	56099.26	56111.39453	56072.43544	56096.24609	505271.5	5408342.7
L5270.0	505271.5	5408341.0	13508.50000	338.56	117.97	48.828026	-86.928175	56100.18	56250.6	-0.61	56099.57	56111.73047	56072.51402	56096.36719	505271.5	5408341.0
L5270.0	505271.5	5408341.0	13508.50000	338.56	117.97	48.828026	-86.928175	56100.52	56250.6	-0.61	56099.90	56112.08594	56073.13555	56097.03125	505271.5	5408341.0
L5270.0	505271.5	5408338.6	13508.70020	340.40	117.97	48.828005	-86.928175	56100.84	56250.6	-0.61	56100.23	56112.44141	56073.79369	56097.73047	505271.5	5408338.6
L5270.0	505271.5	5408338.6	13508.79981	338.01	130	48.828005	-86.928175	56101.15	56250.6	-0.61	56100.54	56112.77734	56073.98209	56097.95703	505271.5	5408338.6
L5270.0	505271.5	5408337.0	13508.90039	339.87	130	48.827989	-86.928175	56101.45	56250.6	-0.60	56100.85	56113.11328	56074.20639	56098.21875	505271.5	5408337.0
L5270.0	505271.5	5408335.8	13509.00000	339.91	130	48.827979	-86.928175	56101.77	56250.6	-0.60	56101.17	56113.45703	56074.71927	56098.76563	505271.5	5408335.8
L5270.0	505271.5	5408334.4	13509.09961	341.04	130	48.827966	-86.928175	56102.08	56250.6	-0.60	56101.48	56113.78906	56075.01443	56099.09375	505271.5	5408334.4
L5270.0	505271.5	5408332.9	13509.20020	340.76	130	48.827953	-86.928175	56102.38	56250.6	-0.60	56101.78	56114.11328	56075.09157	56099.19922	505271.5	5408332.9
L5270.0	505271.5	5408331.8	13509.29981	340.56	130	48.827943	-86.928175	56102.69	56250.6	-0.61	56102.08	56114.43750	56075.20342	56099.33984	505271.5	5408331.8
L5270.0	505271.5	5408330.6	13509.40039	340.69	130	48.827932	-86.928175	56102.99	56250.6	-0.61	56102.38	56114.76172	56075.34971	56099.51563	505271.5	5408330.6
L5270.0	505271.5	5408330.6	13509.50000	338.64	130	48.827932	-86.928175	56103.35	56250.6	-0.61	56102.74	56115.14453	56077.04815	56101.23828	505271.5	5408330.6
L5270.0	505271.6	5408329.1	13509.59961	339.22	130	48.827919	-86.928175	56103.63	56250.6	-0.61	56103.01	56115.43750	56076.50366	56100.71875	505271.6	5408329.1
L5270.0	505271.6	5408326.8	13509.70020	340.34	130	48.827898	-86.928174	56103.98	56250.6	-0.61	56103.36	56115.80859	56078.01689	56102.25391	505271.6	5408326.8
L5270.0	505271.6	5408326.8	13509.79981	341.87	130	48.827898	-86.928174	56104.23	56250.6	-0.62	56103.61	56116.08203	56077.03382	56101.28906	505271.6	5408326.8
L5270.0	505271.6	5408325.4	13509.90039	340.17	130	48.827885	-86.928174	56104.56	56250.6	-0.62	56103.95	56116.44141	56078.36113	56102.63672	505271.6	5408325.4
L5270.0	505271.6	5408323.9	13510.00000	339.27	130	48.827872	-86.928174	56104.84	56250.6	-0.62	56104.22	56116.73438	56077.95084	56102.24219	505271.6	5408323.9
L5270.0	505271.7	5408322.5	13510.09961	339.96	130	48.827860	-86.928174	56105.14	56250.6	-0.62	56104.52	56117.05469	56078.33273	56102.63672	505271.7	5408322.5
L5270.0	505271.7	5408321.1	13510.20020	337.98	130	48.827847	-86.928173	56105.42	56250.6	-0.62	56104.80	56117.35547	56078.24179	56102.55859	505271.7	5408321.1
L5270.0	505271.7	5408321.1	13510.29981	339.65	130	48.827847	-86.928173	56105.75	56250.6	-0.62	56105.13	56117.70313	56079.44889	56103.77734	505271.7	5408321.1
L5270.0	505271.7	5408319.6	13510.40039	339.20	130	48.827833	-86.928173	56106.03	56250.6	-0.62	56105.41	56118.00391	56079.42409	56103.76172	505271.7	5408319.6
L5270.0	505271.7	5408318.2	13510.50000	339.03	130	48.827821	-86.928173	56106.36	56250.6	-0.62	56105.74	56118.35547	56080.69729	56105.04297	505271.7	5408318.2
L5270.0	505271.7	5408317.3	13510.50000	339.03	130	48.827813	-86.928173	56106.64	56250.6	-0.62	56106.02	56118.65234	56080.73861	56105.08984	505271.7	5408317.3
L5270.0	505271.7	5408315.9	13510.70020	340.19	130	48.827800	-86.928173	56106.91	56250.6	-0.62	56106.29	56118.94141	56080.56007	56104.91797	505271.7	5408315.9
L5270.0	505271.7	5408314.6	13510.79981	340.47	130	48.827788	-86.928172	56107.22	56250.6	-0.62	56106.60	56119.26953	56081.42669	56105.78516	505271.7	5408314.6
L5270.0	505271.7	5408313.3	13510.90039	339.00	130	48.827776	-86.928172	56107.44	56250.6	-0.62	56106.82	56119.50781	56080.04970	56104.41016	505271.7	5408313.3
L5270.0	505271.7	5408313.3	13511.00000	337.52	130	48.827776	-86.928172	56107.79	56250.6	-0.62	56107.17	56119.87500	56081.99502	56106.35547	505271.7	5408313.3
L5270.0	505271.7	5408310.7	13511.09961	339.69	130	48.827753	-86.928173	56108.05	56250.6	-0.62	56107.42	56120.14063	56081.44403	56105.80078	505271.7	5408310.7
L5270.0	505271.7	5408310.7	13511.20020	336.99	130	48.827753	-86.928173	56108.34	56250.6	-0.63	56107.71	56120.44922	56081.93879	56106.29297	505271.7	5408310.7
L5270.0	505271.7	5408308.3	13511.29981	337.87	130	48.827732	-86.928173	56108.58	56250.6	-0.63	56107.95	56120.70313	56081.20258	56105.55078	505271.7	5408308.3
L5270.0	505271.7	5408308.3	13511.40039	331.19	130	48.827732	-86.928173	56108.88	56250.6	-0.63	56108.25	56121.01953	56082.01856	56106.36328	505271.7	5408308.3
L5270.0	505271.7	5408306.2	13511.50000	330.84	130	48.827713	-86.928173	56109.16	56250.6	-0.64	56108.53	56121.31641	56082.36304	56106.69922	505271.7	5408306.2
L5270.0	505271.7	5408306.2	13511.59961	340.33	130	48.827713	-86.928173	56109.39	56250.6	-0.64	56108.76	56121.55859	56081.47737	56105.80469	505271.7	5408306.2
L5270.0	505271.7	5408304.8	13511.70020	341.80	130	48.827700	-86.928173	56109.68	56250.6	-0.64	56109.03	56121.84375	56081.63876	56105.95313	505271.7	5408304.8
L5270.0	505271.7	5408303.4	13511.79981	342.17	130	48.827688	-86.928173	56109.99	56250.6	-0.64	56109.35	56122.17969	56083.10055	56107.40234	505271.7	5408303.4
L5270.0	505271.7	5408301.9	13511.90039	342.62	130	48.827674	-86.928173	56110.25	56250.6	-0.65	56109.61	56122.45313	56083.08021	56107.37109	505271.7	5408301.9
L5270.0	505271.7	5408300.5	13512.00000	342.06	130	48.827661	-86.928173	56110.50	56250.7	-0.65	56109.85	56122.70313	56082.59007	56106.86719	505271.7	5408300.5
L5270.0	505271.7	5408299.3	13512.09961	341.21	130	48.827651	-86.928174	56110.75	56250.6	-0.65	56110.11	56122.97656	56082.64251	56106.90234	505271.7	5408299.3
L5270.0	505271.7	5408298.2	13512.20020	342.10	130	48.827641	-86.928174	56111.04	56250.6	-0.64	56110.39	56123.26953	56083.23795	56107.48047	505271.7	5408298.2
L5270.0	505271.6	5408297.2	13512.29981	339.99	130	48.827631	-86.928174	56111.34	56250.6	-0.64	56110.70	56123.58984	56084.62984	56108.85547	505271.6	5408297.2
L5270.0	505271.6	5408295.8	13512.40039	340.90	130	48.827619	-86.928174	56111.59	56250.6	-0.63	56110.96	56123.86328	56084.79470	56109.00391	505271.6	5408295.8
L5270.0	505271.6	5408295.8	13512.50000	342.89	130	48.827619	-86.928174	56111.87	56250.6	-0.63	56111.24	56124.15234	56085.50396	56109.69141	505271.6	5408295.8
L5270.0	505271.6	5408294.4	13512.50000	342.89	130	48.827606	-86.928174	56112.10	56250.6	-0.63	56111.47	56124.39063	56084.98717	56109.15625	505271.6	5408294.4
L5270.0	505271.6	5408292.5	13512.70020	341.29	118.6	48.827589	-86.928174	56112.38	56250.6	-0.62	56111.76	56124.69141	56086.02773	56110.17188	505271.6	5408292.5
L5270.0	505271.6	5408292.5	13512.79981	341.47	118.6	48.827589	-86.928174	56112.60	56250.6	-0.62	56111.98	56124.92188	56085.33730	56109.46094	505271.6	5408292.5
L5270.0	505271.6	5408290.8	13512.90039	341.20	118.87	48.827575	-86.928175	56112.88	56250.6	-0.61	56112.27	56125.21875	56086.45827	56110.55859	505271.6	5408290.8
L5270.0	505271.6	5408288.7	13513.00000	341.92	118.87	48.827556	-86.928175	56113.13	56250.6	-0.61	56112.52	56125.47656	56086.60829	56110.68359	505271.6	5408288.7
L5270.0	505271.6	5408288.0	13513.09961	341.53	118.87	48.827549	-86.928175	56113.37	56250.6	-0.61	56112.75	56125.71484	56086.29390	56110.34375	505271.6	5408288.0
L5270.0	505271.6	5408286.6	13513.20020	343.37	118.87	48.827536	-86.928175	56113.64	56250.6	-0.62	56113.02	56125.99219	56087.03358	56111.05859	505271.6	5408286.6
L5270.0	505271.6	5408285.1	13513.29981	341.34	118.87	48.827523	-86.928175	56113.89	56250.6	-0.63	56113.27	56126.24609	56087.30996	56111.30859	505271.6	5408285.1
L5270.0	505271.6	5408285.1	13513.40039	342.53	118.87	48.827523	-86.928175	56114.14	56250.6	-0.63	56113.51	56126.49219	56087.37661	56111.34766	505271.6	5408285.1
L5270.0	505271.5	5408283.7	13513.50000	340.99	118.87	48.827510	-86.928175	56114.40	56250.6	-0.64	56113.76	56126.74609	56087.74007	56111.68359	505271.5	5408283.7
L5270.0	505271.5	5408281.8	13513.59961	341.53	118.87	48.827493	-86.928175	56114.66	56250.6	-0.64	56114.02	56127.01172	56088.40091	56112.31641	505271.5	5408281.8
L5270.0	505271.5	5408281.8	13513.70020	342.85	118.87	48.827493	-86.928175	56114.88	56250.6	-0.65	56114.23	56127.22656	56087.84177	56111.73047	505271.5	5408281.8
L5270.0	505271.5	5408280.4	13513.79981	341.82	118.87	48.827480	-86.928176	56115.07	56250.7	-0.65	56114.42	56127.41797	56086.82218	56110.67969	505271.5	5408280.4
L5270.0	505271.5	5408279.1	13513.90039	340.67	118.87	48.827469	-86.928176	56115.41	56250.7	-0.66	56114.76	56127.76172	56089.64355	56113.47266	505271.5	5408279.1

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5270.0	505271.5	5408277.7	13514.00000	340.44	119.03	48.827456	-86.928176	56115.59	56250.7	-0.66	56114.93	56127.93359	56088.21077	56112.01172	505271.5	5408277.7
L5270.0	505271.5	5408276.3	13514.09961	340.29	119.03	48.827444	-86.928176	56115.86	56250.7	-0.66	56115.21	56128.21484	56089.60811	56113.37891	505271.5	5408276.3
L5270.0	505271.5	5408275.3	13514.20020	342.11	119.03	48.827435	-86.928176	56116.06	56250.7	-0.65	56115.41	56128.41797	56089.02932	56112.76953	505271.5	5408275.3
L5270.0	505271.5	5408273.8	13514.29981	341.43	119.03	48.827421	-86.928176	56116.33	56250.6	-0.65	56115.68	56128.68750	56090.26981	56113.98047	505271.5	5408273.8
L5270.0	505271.5	5408273.8	13514.40039	340.13	119.03	48.827421	-86.928176	56116.57	56250.6	-0.64	56115.93	56128.93359	56091.05320	56114.73438	505271.5	5408273.8
L5270.0	505271.5	5408272.0	13514.50000	340.22	119.03	48.827405	-86.928176	56116.80	56250.6	-0.64	56116.16	56129.16406	56091.38004	56115.02734	505271.5	5408272.0
L5270.0	505271.5	5408270.7	13514.50000	340.22	119.03	48.827393	-86.928176	56117.03	56250.6	-0.64	56116.39	56129.39063	56091.75682	56115.37500	505271.5	5408270.7
L5270.0	505271.5	5408268.9	13514.59961	339.89	119.03	48.827377	-86.928176	56117.28	56250.6	-0.64	56116.64	56129.64063	56092.69004	56116.27734	505271.5	5408268.9
L5270.0	505271.5	5408267.7	13514.79981	339.83	119.03	48.827366	-86.928176	56117.43	56250.6	-0.63	56116.81	56129.80469	56091.65031	56115.20703	505271.5	5408267.7
L5270.0	505271.6	5408266.4	13514.90039	340.28	119.03	48.827355	-86.928176	56117.66	56250.6	-0.62	56117.04	56130.03125	56092.17999	56115.70703	505271.6	5408266.4
L5270.0	505271.6	5408266.4	13515.00000	341.59	119.03	48.827355	-86.928176	56117.92	56250.6	-0.62	56117.30	56130.28906	56093.52060	56117.01563	505271.6	5408266.4
L5270.0	505271.6	5408264.8	13515.09961	341.52	119.03	48.827340	-86.928175	56118.14	56250.6	-0.63	56117.52	56130.50391	56093.90167	56117.36719	505271.6	5408264.8
L5270.0	505271.6	5408263.3	13515.20020	340.18	119.03	48.827327	-86.928175	56118.38	56250.6	-0.63	56117.74	56130.71484	56094.33563	56117.77344	505271.6	5408263.3
L5270.0	505271.6	5408262.3	13515.29981	341.66	119.03	48.827318	-86.928175	56118.52	56250.6	-0.64	56117.88	56130.84766	56092.79901	56116.20703	505271.6	5408262.3
L5270.0	505271.6	5408260.9	13515.40039	340.47	115.67	48.827305	-86.928175	56118.81	56250.6	-0.64	56118.17	56131.13281	56095.11102	56118.48828	505271.6	5408260.9
L5270.0	505271.6	5408259.4	13515.50000	342.56	116.71	48.827292	-86.928175	56118.97	56250.6	-0.65	56118.33	56131.28516	56094.18835	56117.53516	505271.6	5408259.4
L5270.0	505271.6	5408259.4	13515.59961	344.32	116.71	48.827292	-86.928175	56119.18	56250.7	-0.65	56118.53	56131.47656	56094.33227	56117.65234	505271.6	5408259.4
L5270.0	505271.6	5408258.0	13515.70020	345.53	115.27	48.827279	-86.928175	56119.36	56250.7	-0.65	56118.70	56131.63672	56093.77223	56117.06250	505271.6	5408258.0
L5270.0	505271.6	5408256.4	13515.79981	344.42	117.06	48.827265	-86.928175	56119.61	56250.7	-0.66	56118.95	56131.87500	56095.29151	56118.55469	505271.6	5408256.4
L5270.0	505271.6	5408254.9	13515.90039	342.77	117.73	48.827251	-86.928175	56119.79	56250.7	-0.67	56119.12	56132.03516	56094.84266	56118.07813	505271.6	5408254.9
L5270.0	505271.6	5408253.5	13516.00000	342.25	114.67	48.827238	-86.928175	56119.96	56250.7	-0.67	56119.29	56132.19141	56094.44994	56117.65625	505271.6	5408253.5
L5270.0	505271.6	5408253.5	13516.09961	341.50	116.53	48.827238	-86.928175	56120.22	56250.7	-0.67	56119.55	56132.43750	56096.39063	56119.57422	505271.6	5408253.5
L5270.0	505271.6	5408252.1	13516.20020	341.09	116.53	48.827226	-86.928175	56120.34	56250.7	-0.67	56119.68	56132.55469	56095.09927	56118.25391	505271.6	5408252.1
L5270.0	505271.6	5408250.1	13516.29981	341.22	116.21	48.827208	-86.928175	56120.55	56250.7	-0.67	56119.88	56132.74219	56095.63600	56118.76563	505271.6	5408250.1
L5270.0	505271.6	5408249.2	13516.40039	342.30	116.21	48.827200	-86.928175	56120.72	56250.7	-0.67	56120.05	56132.89453	56095.47122	56118.57813	505271.6	5408249.2
L5270.0	505271.6	5408247.8	13516.50000	341.86	115.62	48.827187	-86.928175	56120.95	56250.7	-0.67	56120.29	56133.12109	56097.13514	56120.21875	505271.6	5408247.8
L5270.0	505271.6	5408246.8	13516.50000	341.86	115.62	48.827178	-86.928175	56121.08	56250.7	-0.67	56120.41	56133.22266	56095.82123	56118.87891	505271.6	5408246.8
L5270.0	505271.6	5408245.4	13516.70020	339.93	116.1	48.827166	-86.928175	56121.27	56250.7	-0.66	56120.61	56133.40625	56096.58957	56119.62500	505271.6	5408245.4
L5270.0	505271.6	5408245.4	13516.79981	337.93	115.57	48.827166	-86.928175	56121.43	56250.7	-0.66	56120.77	56133.54688	56096.40453	56119.41797	505271.6	5408245.4
L5270.0	505271.6	5408243.9	13516.90039	338.75	115.57	48.827152	-86.928175	56121.63	56250.7	-0.66	56120.97	56133.72656	56097.29029	56120.28516	505271.6	5408243.9
L5270.0	505271.6	5408242.7	13517.00000	338.22	115.44	48.827142	-86.928175	56121.79	56250.7	-0.66	56121.13	56133.86719	56097.22316	56120.19531	505271.6	5408242.7
L5270.0	505271.6	5408241.5	13517.09961	337.72	115.32	48.827130	-86.928175	56121.98	56250.7	-0.66	56121.32	56134.03906	56097.97430	56120.92969	505271.6	5408241.5
L5270.0	505271.6	5408240.3	13517.20020	337.73	116.11	48.827120	-86.928175	56122.11	56250.7	-0.66	56121.45	56134.14844	56097.26701	56120.20313	505271.6	5408240.3
L5270.0	505271.6	5408239.2	13517.29981	338.65	117.3	48.827110	-86.928175	56122.26	56250.7	-0.66	56121.61	56134.28516	56097.37839	56120.29688	505271.6	5408239.2
L5270.0	505271.6	5408237.5	13517.40039	339.39	117.3	48.827095	-86.928175	56122.40	56250.7	-0.66	56121.74	56134.39063	56096.79069	56119.69141	505271.6	5408237.5
L5270.0	505271.6	5408236.1	13517.50000	339.33	117.31	48.827082	-86.928175	56122.62	56250.7	-0.65	56121.97	56134.59766	56098.79294	56121.67969	505271.6	5408236.1
L5270.0	505271.6	5408236.1	13517.59961	339.82	115.72	48.827082	-86.928175	56122.77	56250.7	-0.65	56122.12	56134.72266	56098.83148	56121.70313	505271.6	5408236.1
L5270.0	505271.7	5408234.6	13517.70020	340.63	115	48.827069	-86.928175	56122.88	56250.7	-0.65	56122.22	56134.79688	56097.66542	56120.52344	505271.7	5408234.6
L5270.0	505271.7	5408233.2	13517.79981	340.44	115	48.827056	-86.928175	56123.05	56250.7	-0.65	56122.40	56134.95313	56098.58375	56121.42969	505271.7	5408233.2
L5270.0	505271.7	5408232.2	13517.90039	340.15	115	48.827047	-86.928174	56123.15	56250.7	-0.65	56122.50	56135.02344	56097.53873	56120.37109	505271.7	5408232.2
L5270.0	505271.7	5408230.7	13518.00000	340.33	116.04	48.827034	-86.928174	56123.38	56250.7	-0.65	56122.73	56135.22656	56099.84325	56122.66406	505271.7	5408230.7
L5270.0	505271.7	5408229.8	13518.09961	340.55	116.04	48.827025	-86.928174	56123.42	56250.6	-0.65	56122.77	56135.23828	56097.40169	56120.21484	505271.7	5408229.8
L5270.0	505271.7	5408228.5	13518.20020	341.23	116.04	48.827014	-86.928174	56123.61	56250.6	-0.65	56122.96	56135.39844	56098.81576	56121.61719	505271.7	5408228.5
L5270.0	505271.7	5408226.9	13518.29981	340.96	116.15	48.826999	-86.928174	56123.73	56250.6	-0.65	56123.09	56135.50000	56098.77270	56121.56641	505271.7	5408226.9
L5270.0	505271.7	5408225.4	13518.40039	342.39	116.83	48.826986	-86.928174	56123.90	56250.6	-0.65	56123.26	56135.63672	56099.80241	56122.58984	505271.7	5408225.4
L5270.0	505271.7	5408224.5	13518.50000	342.92	116.83	48.826978	-86.928174	56124.02	56250.6	-0.65	56123.37	56135.71484	56099.37499	56122.15625	505271.7	5408224.5
L5270.0	505271.7	5408223.1	13518.50000	342.92	116.87	48.826965	-86.928175	56124.12	56250.6	-0.65	56123.48	56135.79297	56099.00832	56121.78516	505271.7	5408223.1
L5270.0	505271.7	5408223.1	13518.70020	342.10	118.56	48.826965	-86.928175	56124.21	56250.6	-0.64	56123.56	56135.83984	56097.94338	56120.71875	505271.7	5408223.1
L5270.0	505271.7	5408221.7	13518.79981	338.12	118.23	48.826952	-86.928175	56124.42	56250.6	-0.64	56123.78	56136.02734	56100.48089	56123.25391	505271.7	5408221.7
L5270.0	505271.7	5408220.2	13518.90039	339.66	118.23	48.826939	-86.928175	56124.46	56250.6	-0.64	56123.82	56136.03125	56098.52506	56121.29688	505271.7	5408220.2
L5270.0	505271.7	5408219.2	13519.00000	338.78	117.63	48.826930	-86.928175	56124.62	56250.6	-0.64	56123.98	56136.15625	56099.66543	56122.43750	505271.7	5408219.2
L5270.0	505271.7	5408218.0	13519.09961	338.18	117.18	48.826919	-86.928175	56124.68	56250.6	-0.64	56124.03	56136.16797	56098.08305	56120.85547	505271.7	5408218.0
L5270.0	505271.7	5408216.8	13519.20020	339.72	117.18	48.826909	-86.928175	56124.84	56250.6	-0.65	56124.20	56136.30078	56099.59646	56122.37109	505271.7	5408216.8
L5270.0	505271.7	5408215.4	13519.29981	338.76	114.94	48.826896	-86.928175	56124.96	56250.6	-0.65	56124.32	56136.38281	56099.90457	56122.68359	505271.7	5408215.4
L5270.0	505271.7	5408214.0	13519.40039	337.74	114.76	48.826883	-86.928175	56125.03	56250.7	-0.65	56124.38	56136.40625	56098.75410	56121.53516	505271.7	5408214.0
L5270.0	505271.7	5408212.5	13519.50000	338.39	114.76	48.826870	-86.928175	56125.15	56250.7	-0.65	56124.49	56136.47656	56098.92762	56121.71484	505271.7	5408212.5
L5270.0	505271.7	5408212.5	13519.59961	338.39	114.06	48.826870	-86.928175	56125.22	56250.7	-0.66	56124.57	56136.51563	56098.40081	56121.19531	505271.7	5408212.5
L5270.0	505271.7	5408211.3	13519.59961	340.87	115.64	48.826859	-86.928175	56125.35	56250.7	-0.66	56124.69	56136.59375	56098.94419	56121.74609	505271.7	5408211.3
L5270.0	505271.7	5408210.1	13519.79981	339.34	114.14	48.826849	-86.928174	56125.43	56250.7	-0.66	56124.76	56136.62109	56098.28037	56121.08984	505271.7	5408210.1
L5270.0	505271.7	5408208.7	13519.90039	341.03	114.14	48.826836	-86.928174	56125.50	56250.7	-0.67	56124.84	56136.66016	56097.92680	56120.74609	505271.7	5408208.7
L5270.0	505271.7	5408207.3	13520.00000	340.10	115.86	48.826823	-86.928174	56125.59	56250.7	-0.67	56124.92	56136.69531	56097.62990	56120.46094	505271.7	5408207.3
L5270.0	505271.7	5408205.6	13520.00000	340.10	115.86	48.826808	-86.928174	56125.70	56250.7	-0.67	56125.03	56136.76172	56098.14803	56120.98828	505271.7	5408205.6
L5270.0	505271.7	5408205.6	13520.20020	340.20	114.99	48.826808	-86.928174	56125.73	56250.7	-0.67	56125.06	56136.75000	56096.69764	56119.55078	505271.7	5408205.6
L5270.0	505271.7	5408204.2	13520.29981	340.20	114.41	48.826795	-86.928174	56125.88	56250.7	-0.66	56125.21	56136.85156	56098.33778	56121.20703	505271.7	5408204.2
L5270.0	505271.7	5408202.9	13520.40039	340.20	114.41	48.826784	-86.928174	56125.91	56250.7	-0.66	56125.24	56136.83594	56096.99591	56119.87891	505271.7	5408202.9
L5270.0	505271.7	5408201.7	13520.50000	340.68	113.87	48.826773	-86.928174	56126.04	56250.7	-0.66	56125.38	56136.92969	56098.48996	56121.39063	505271.7	5408201.7
L5270.0	505271.7	5408200.5	13520.50000	340.68	115.05	48.826762	-86.928174	56126.11	56250.7	-0.66	56125.45	56136.95313	56098.26519	56121.18359	505271.7	5408200.5
L5270.0	505271.7	5408199.1	13520.70020	339.82	115.05	48.826749	-86.928174	56126.19	56250.7	-0.66	56125.53	56136.98438	56098.34455	56121.27734	505271.7	5408199.1
L5270.0	505271.7	5408197.6	13520.79981	338.94	115.61	48.826736	-86.928174	56126.26	56250.7	-0.65	56125.61	56137.01563	56098.47400	56121.42578	505271.7	5408197.6
L5270.0	505271.7	5408196.4	13520.90039	341.89	115.73	48.826725	-86.928174	56126.29	56250.7	-0.65	56125.63	56136.98828	56097.13449	56120.10938	505271.7	5408196.4
L5270.0	505271.7	5408195.2	13521.00000	343.55	115.88	48.826714	-86.928174	56126.38	56250.7	-0.65	56125.73	56137.03906	56097.86671	56120.85938	505271.7	5408195.2
L5270.0	505271.7	5408195.2	13521.09961	341.50	116.48	48.826714	-86.928174	56126.42	56250.7	-0.65	56125.77	56137.02734	56097.12753	56120.14453	505271.7	5408195.2
L5270.0	505271.8	5408193.5	13521.20020	343.41	116.48	48.826699	-86.928174	56126.52	56250.7	-0.65	56125.87	56137.07813	56097.95152	56120.99219	505271.8	5408193.5
L5270.0	505271.8	5408192.1	13521.29981	341.70	116.3	48.826686	-86.928174	56126.54	56250.7	-0.65	56125.89	56137.04688	56096.79541	56119.85938	505271.8	5408192.1
L5270.0	505271.8	5408190.7	13521.40039	342.81	116.55	48.826673	-86.928174	56126.64	56250.7	-0.65	56125.99	56137.09375	56097.70556	56120.79297	505271.8	5408190.7
L5270.0	505271.8	5408189.9	13521.50000	344.21	118.13	48.826666	-86.928174	56126.67	56250.7	-0.65	56126.02	56137.07031	56096.88557	56120.00000	505271.8	5408189.9
L5270.0	505271.8	5408188.7	13521.59961	344.28	118.13	48.826656	-86.928174	56126.75	56250.7	-0.65	56126.10	56137.09766	56097.36968	56120.50781	505271.8	5408188.7
L5270.0	505271.8	5408187.0	13521.70020	343.58	118.13	48.826641	-86.928173	56126.71	56250.7	-0.65	56126.06	56137.00391	56094.85534	56118.01953	505271.8	5408187.0
L5270.0	505271.8	5408186.3	13521.79981	342.68	116.64	48.826634	-86.928173	56126.85	56250.7	-0.65	56126.20	56137.08984	56096.93047	56120.12500	505271.8	5408186.3
L5270.0	505271.8	5408184.4	13521.90039	343.19	116.64	48.826617	-86.928173	56126.85	56250.7	-0.65	56126.20	56137.03516	56095.49749	56118.71875	505271.8	5408184.4
L5270.0	505271.8	5408184.4	13522.00000	342.78	117.63	48.826617	-86.928173	56126.96	56250.7	-0.65	56126.31	56137.08984	56096.87921	56120.13281	505271.8	5408184.4
L5270.0	505271.8	5408182.0	13522.09961	342.61	117.63	48.826595	-86.928173	56126.97	56250.6	-0.65	56126.32	56137.04297	56095.76077	56119.04297	505271.8	5408182.0
L5270.0	505271.8	5408182.0	13522.20020	341.97	117.63	48.826595	-86.928173	56127.02	56250.6	-0.65	56126.37	56137.03516	56095.68191	56118.99609	505271.8	5408182.0
L5270.0	505271.8	5408180.2	13522.29981	342.35	117.63	48.826580	-86.928173	56127.05	56250.6	-0.64	56126.41	56137.01953	56095.37548	56118.71875	505271.8	5408180.2
L5270.0	505271.8	5408178.8	13522.40039	342.81	116.78	48.826567	-86.928173	56127.14	56250.6	-0.64	56126.50	56137.05078	56096.35710	56119.73438	505271.8	5408178.8
L5270.0	505271.8	5408177.6	13522.50000	343.51	116.78	48.826556	-86.928173	56127.18	56250.6	-0.64	56126.54	56137.03516	56096.09450	56119.50391	505271.8	5408177.6
L5270.0	505271.9	5408176.3	13522.50000	343.51	118.01	48.826544	-86.928173	56127.22	56250.6	-0.64	56126.58	56137.01563	56095.85016	56119.29297	505271.9	5408176.3
L5270.0	505271.9	5408176.3	13522.70020	342.89	118.01	48.826544	-86.928173	56127.25	56250.6	-0.64	56126.62	56136.99609	56095.62152	56119.09766	505271.9	5408176.3
L5270.0	505271.9	5408174.7	13522.79981	342.05	117.58	48.826530	-86.928172	56127.27	56250.6	-0.63	56126.63	56136.94922	56094.64698	56118.15625	505271.9	5408174.7
L5270.0	505271.9	5408173.4	13522.90039	339.02	117.58	48.826518	-86.928172	56127.33	56250.6	-0.63	56126.70	56136.95703	56095.20074	56118.74609	505271.9	5408173.4
L5270.0	505271.9	5408172.0	13523.00000	339.55	117.58	48.826505	-86.928172	56127.37	56250.6	-0.63	56126.74	56136.93750	56095.00307	56118.58594	505271.9	5408172.0
L5270.0	505271.9	5408171.3	13523.09961	340.78	119.67	48.826499	-86.928172	56127.43	56250.6	-0.63	56126.80	56136.93750	56095.31605	56118.93359	505271.9	5408171.3
L5270.0	505271.9	5408170.1	13523.20020	340.41	119.67	48.826488	-86.928172	56127.42	56250.6	-0.63	56126.79	56136.86719	56093.85981	56117.51172	505271.9	5408170.1

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5270.0	505271.9	5408168.3	13523.29981	341.75	119.67	48.826472	-86.928172	56127.50	56250.6	-0.63	56126.86	56136.87891	56094.42615	56118.11719	505271.9	5408168.3
L5270.0	505271.9	5408167.2	13523.40039	342.10	119.67	48.826462	-86.928172	56127.51	56250.6	-0.63	56126.87	56136.82813	56093.47009	56117.19922	505271.9	5408167.2
L5270.0	505271.9	5408165.7	13523.50000	341.42	119.67	48.826449	-86.928171	56127.57	56250.6	-0.63	56126.94	56136.83594	56094.02432	56117.78906	505271.9	5408165.7
L5270.0	505271.9	5408164.2	13523.59961	341.78	117.3	48.826435	-86.928171	56127.58	56250.6	-0.64	56126.95	56136.78516	56093.04968	56116.85156	505271.9	5408164.2
L5270.0	505272.0	5408162.7	13523.70020	339.96	113.34	48.826422	-86.928171	56127.65	56250.6	-0.64	56127.02	56136.79297	56093.57872	56117.42188	505272.0	5408162.7
L5270.0	505272.0	5408162.7	13523.79981	340.33	115.67	48.826422	-86.928171	56127.68	56250.6	-0.64	56127.04	56136.75000	56092.82514	56116.70313	505272.0	5408162.7
L5270.0	505272.0	5408161.2	13523.90039	340.47	115.67	48.826408	-86.928171	56127.76	56250.6	-0.64	56127.12	56136.76563	56093.56834	56117.48828	505272.0	5408161.2
L5270.0	505272.0	5408160.0	13524.00000	339.64	115.67	48.826397	-86.928171	56127.75	56250.6	-0.64	56127.11	56136.69531	56092.00993	56115.96875	505272.0	5408160.0
L5270.0	505272.0	5408158.5	13524.09961	340.15	115.67	48.826384	-86.928171	56127.83	56250.6	-0.64	56127.19	56136.71094	56092.70013	56116.69531	505272.0	5408158.5
L5270.0	505272.0	5408157.3	13524.20020	339.91	115.67	48.826373	-86.928171	56127.86	56250.6	-0.64	56127.21	56136.66797	56091.84041	56115.87500	505272.0	5408157.3
L5270.0	505272.0	5408156.1	13524.29981	340.32	115.67	48.826363	-86.928171	56127.89	56250.6	-0.65	56127.24	56136.63672	56091.19797	56115.27344	505272.0	5408156.1
L5270.0	505272.0	5408156.1	13524.40039	338.77	116.66	48.826363	-86.928171	56127.90	56250.6	-0.65	56127.25	56136.58203	56090.01008	56114.12500	505272.0	5408156.1
L5270.0	505272.0	5408154.2	13524.50000	339.10	118.01	48.826345	-86.928172	56127.93	56250.7	-0.65	56127.28	56136.54688	56089.28486	56113.43750	505272.0	5408154.2
L5270.0	505271.9	5408153.0	13524.50000	339.10	118.01	48.826334	-86.928172	56128.00	56250.7	-0.65	56127.35	56136.55469	56089.52442	56113.71875	505271.9	5408153.0
L5270.0	505271.9	5408151.5	13524.59961	338.97	118.01	48.826321	-86.928172	56128.04	56250.7	-0.65	56127.39	56136.53125	56088.95389	56113.18750	505271.9	5408151.5
L5270.0	505271.9	5408150.1	13524.79981	340.62	119.03	48.826308	-86.928172	56128.08	56250.7	-0.66	56127.42	56136.49609	56088.07532	56112.34766	505271.9	5408150.1
L5270.0	505271.9	5408149.6	13524.90039	340.85	119.03	48.826304	-86.928172	56128.16	56250.7	-0.66	56127.50	56136.51172	56088.40262	56112.71484	505271.9	5408149.6
L5270.0	505271.9	5408148.4	13525.00000	339.68	119.03	48.826293	-86.928172	56128.16	56250.7	-0.66	56127.50	56136.44922	56086.64291	56110.99609	505271.9	5408148.4
L5270.0	505271.9	5408147.1	13525.09961	338.32	119.03	48.826281	-86.928172	56128.21	56250.7	-0.66	56127.55	56136.43359	56086.08099	56110.47266	505271.9	5408147.1
L5270.0	505271.9	5408145.7	13525.20020	337.99	119.03	48.826269	-86.928172	56128.31	56250.7	-0.66	56127.66	56136.48047	56086.96577	56111.39453	505271.9	5408145.7
L5270.0	505271.9	5408144.2	13525.29981	339.93	119.03	48.826256	-86.928173	56128.39	56250.7	-0.65	56127.73	56136.48828	56086.76325	56111.23047	505271.9	5408144.2
L5270.0	505271.9	5408142.9	13525.40039	338.79	119.03	48.826244	-86.928173	56128.41	56250.7	-0.65	56127.76	56136.45313	56085.46929	56109.97656	505271.9	5408142.9
L5270.0	505271.9	5408141.3	13525.50000	339.40	118.26	48.826229	-86.928173	56128.48	56250.7	-0.65	56127.83	56136.46094	56085.10370	56109.64844	505271.9	5408141.3
L5270.0	505271.9	5408141.3	13525.59961	338.57	118.26	48.826229	-86.928173	56128.55	56250.6	-0.65	56127.90	56136.46484	56084.65036	56109.23438	505271.9	5408141.3
L5270.0	505271.8	5408140.1	13525.70020	338.96	117.5	48.826218	-86.928173	56128.66	56250.6	-0.65	56128.01	56136.51172	56085.11709	56109.73828	505271.8	5408140.1
L5270.0	505271.8	5408138.6	13525.79981	338.03	117.5	48.826205	-86.928174	56128.72	56250.6	-0.64	56128.07	56136.50781	56084.22284	56108.88281	505271.8	5408138.6
L5270.0	505271.8	5408137.0	13525.90039	339.18	117.5	48.826190	-86.928174	56128.79	56250.6	-0.64	56128.15	56136.52344	56083.73440	56108.42969	505271.8	5408137.0
L5270.0	505271.8	5408137.0	13526.00000	340.37	117.5	48.826190	-86.928174	56128.84	56250.6	-0.64	56128.20	56136.50781	56082.38269	56107.11719	505271.8	5408137.0
L5270.0	505271.8	5408135.5	13526.09961	340.12	117.5	48.826177	-86.928174	56128.97	56250.6	-0.65	56128.32	56136.56641	56082.69351	56107.46484	505271.8	5408135.5
L5270.0	505271.8	5408134.2	13526.20020	341.16	117.5	48.826166	-86.928174	56129.07	56250.7	-0.65	56128.42	56136.60156	56082.38584	56107.19141	505271.8	5408134.2
L5270.0	505271.8	5408132.6	13526.29981	339.75	117.5	48.826151	-86.928174	56129.20	56250.7	-0.66	56128.54	56136.66016	56082.46757	56107.30859	505271.8	5408132.6
L5270.0	505271.8	5408130.9	13526.40039	339.53	117.5	48.826136	-86.928174	56129.25	56250.7	-0.66	56128.58	56136.63672	56080.40478	56105.28125	505271.8	5408130.9
L5270.0	505271.8	5408130.9	13526.50000	341.26	118.46	48.826136	-86.928174	56129.39	56250.7	-0.67	56128.72	56136.71094	56080.74727	56105.65625	505271.8	5408130.9
L5270.0	505271.7	5408129.4	13526.50000	341.26	118.46	48.826122	-86.928175	56129.50	56250.7	-0.67	56128.83	56136.76172	56080.20221	56105.14844	505271.7	5408129.4
L5270.0	505271.7	5408127.9	13526.70020	341.81	118.46	48.826109	-86.928175	56129.66	56250.7	-0.68	56128.97	56136.83594	56080.28360	56105.26172	505271.7	5408127.9
L5270.0	505271.7	5408126.6	13526.79981	342.00	118.46	48.826097	-86.928175	56129.75	56250.7	-0.69	56129.06	56136.86328	56078.96366	56103.97266	505271.7	5408126.6
L5270.0	505271.7	5408126.6	13526.90039	342.45	118.46	48.826097	-86.928175	56129.93	56250.7	-0.69	56129.24	56136.98047	56079.78043	56104.82422	505271.7	5408126.6
L5270.0	505271.7	5408124.7	13527.00000	342.66	118.46	48.826080	-86.928175	56130.05	56250.7	-0.70	56129.35	56137.03125	56078.68227	56103.75781	505271.7	5408124.7
L5270.0	505271.7	5408123.4	13527.09961	342.91	117.86	48.826068	-86.928175	56130.21	56250.7	-0.69	56129.52	56137.13672	56078.95437	56104.05859	505271.7	5408123.4
L5270.0	505271.7	5408122.2	13527.20020	340.52	117.86	48.826058	-86.928175	56130.38	56250.7	-0.69	56129.69	56137.24609	56079.07514	56104.21094	505271.7	5408122.2
L5270.0	505271.7	5408120.7	13527.29981	341.62	117.72	48.826044	-86.928175	56130.54	56250.7	-0.68	56129.85	56137.34375	56078.78802	56103.95313	505271.7	5408120.7
L5270.0	505271.7	5408119.3	13527.40039	342.55	118.46	48.826031	-86.928176	56130.72	56250.7	-0.68	56130.04	56137.47266	56079.10146	56104.29297	505271.7	5408119.3
L5270.0	505271.7	5408117.5	13527.50000	346.46	116.92	48.826015	-86.928176	56130.86	56250.7	-0.67	56130.19	56137.56250	56078.24111	56103.46094	505271.7	5408117.5
L5270.0	505271.7	5408117.5	13527.59961	345.81	116.92	48.826015	-86.928176	56131.09	56250.7	-0.66	56130.43	56137.74219	56079.49250	56104.74219	505271.7	5408117.5
L5270.0	505271.7	5408115.9	13527.70020	342.26	115.6	48.826000	-86.928176	56131.27	56250.7	-0.66	56130.61	56137.86328	56079.05754	56104.33203	505271.7	5408115.9
L5270.0	505271.7	5408114.6	13527.79981	340.14	116.82	48.825989	-86.928176	56131.52	56250.7	-0.65	56130.87	56138.06250	56080.47490	56105.77344	505271.7	5408114.6
L5270.0	505271.7	5408113.4	13527.90039	339.90	114.97	48.825978	-86.928176	56131.70	56250.6	-0.65	56131.05	56138.18359	56079.69368	56105.01953	505271.7	5408113.4
L5270.0	505271.7	5408113.4	13528.00000	341.49	114.97	48.825978	-86.928176	56131.90	56250.6	-0.64	56131.26	56138.33203	56079.49379	56104.83984	505271.7	5408113.4
L5270.0	505271.7	5408111.7	13528.09961	339.59	115.14	48.825963	-86.928176	56132.11	56250.6	-0.64	56131.47	56138.48438	56079.11338	56104.48438	505271.7	5408111.7
L5270.0	505271.7	5408110.4	13528.20020	339.21	114.89	48.825952	-86.928176	56132.35	56250.6	-0.65	56131.71	56138.66797	56079.30864	56104.69922	505271.7	5408110.4
L5270.0	505271.7	5408109.0	13528.29981	339.90	115.89	48.825939	-86.928176	56132.59	56250.6	-0.65	56131.94	56138.83984	56079.06495	56104.47656	505271.7	5408109.0
L5270.0	505271.7	5408107.3	13528.40039	340.03	115.89	48.825924	-86.928176	56132.86	56250.7	-0.65	56132.21	56139.05078	56079.64469	56105.07813	505271.7	5408107.3
L5270.0	505271.7	5408107.3	13528.50000	340.26	116.84	48.825924	-86.928176	56133.05	56250.7	-0.65	56132.39	56139.17188	56077.75654	56103.20703	505271.7	5408107.3
L5270.0	505271.7	5408105.7	13528.50000	340.26	115.52	48.825909	-86.928176	56133.32	56250.7	-0.65	56132.67	56139.39453	56078.20497	56103.67188	505271.7	5408105.7
L5270.0	505271.7	5408104.5	13528.70020	338.36	115.52	48.825898	-86.928176	56133.58	56250.7	-0.66	56132.92	56139.58984	56077.69889	56103.18359	505271.7	5408104.5
L5270.0	505271.7	5408103.0	13528.79981	339.06	112.43	48.825885	-86.928176	56133.90	56250.7	-0.66	56133.23	56139.84375	56078.51310	56104.01563	505271.7	5408103.0
L5270.0	505271.7	5408101.6	13528.90039	340.38	111.44	48.825872	-86.928176	56134.16	56250.7	-0.67	56133.49	56140.04688	56077.86272	56103.37891	505271.7	5408101.6
L5270.0	505271.7	5408100.9	13529.00000	338.96	113.89	48.825866	-86.928176	56134.48	56250.7	-0.67	56133.81	56140.31250	56078.52879	56104.05859	505271.7	5408100.9
L5270.0	505271.7	5408099.4	13529.09961	338.33	113.89	48.825852	-86.928176	56134.74	56250.7	-0.67	56134.07	56140.51563	56077.47366	56103.01563	505271.7	5408099.4
L5270.0	505271.7	5408098.3	13529.20020	336.80	115.84	48.825842	-86.928176	56135.11	56250.7	-0.67	56134.43	56140.82031	56078.74358	56104.29688	505271.7	5408098.3
L5270.0	505271.7	5408098.3	13529.29981	339.92	117.27	48.825842	-86.928176	56135.37	56250.7	-0.68	56134.70	56141.03906	56077.53022	56103.08984	505271.7	5408098.3
L5270.0	505271.7	5408096.3	13529.40039	339.74	117.31	48.825825	-86.928176	56135.77	56250.7	-0.68	56135.09	56141.37500	56079.14501	56104.71484	505271.7	5408096.3
L5270.0	505271.7	5408094.9	13529.50000	339.90	117.31	48.825812	-86.928176	56136.11	56250.7	-0.68	56135.43	56141.66016	56079.28588	56104.86328	505271.7	5408094.9
L5270.0	505271.7	5408094.1	13529.59961	339.74	116.8	48.825805	-86.928176	56136.45	56250.7	-0.68	56135.77	56141.94922	56079.21665	56104.80078	505271.7	5408094.1
L5270.0	505271.7	5408092.5	13529.70020	338.02	116.8	48.825790	-86.928176	56136.86	56250.7	-0.68	56136.17	56142.29297	56080.45428	56106.04297	505271.7	5408092.5
L5270.0	505271.7	5408091.0	13529.79981	339.12	116.49	48.825777	-86.928176	56137.19	56250.7	-0.69	56136.50	56142.57422	56079.70903	56105.30078	505271.7	5408091.0
L5270.0	505271.7	5408090.0	13529.90039	337.65	112.48	48.825768	-86.928176	56137.59	56250.7	-0.69	56136.91	56142.92969	56080.77501	56106.36719	505271.7	5408090.0
L5270.0	505271.7	5408088.7	13530.00000	338.29	116.48	48.825756	-86.928176	56137.98	56250.7	-0.69	56137.29	56143.26172	56080.86872	56106.46094	505271.7	5408088.7
L5270.0	505271.7	5408087.3	13530.09961	336.81	116.48	48.825744	-86.928176	56138.40	56250.7	-0.69	56137.71	56143.62891	56081.76060	56107.35547	505271.7	5408087.3
L5270.0	505271.7	5408087.3	13530.20020	339.69	118.39	48.825744	-86.928176	56138.82	56250.7	-0.69	56138.13	56144.00000	56082.43833	56108.03125	505271.7	5408087.3
L5270.0	505271.7	5408084.6	13530.29981	338.76	118.39	48.825719	-86.928176	56139.23	56250.7	-0.68	56138.55	56144.37109	56082.90167	56108.48828	505271.7	5408084.6
L5270.0	505271.7	5408084.6	13530.40039	339.08	118.15	48.825719	-86.928176	56139.64	56250.7	-0.68	56138.96	56144.73047	56082.89751	56108.48047	505271.7	5408084.6
L5270.0	505271.7	5408083.1	13530.50000	340.08	118.69	48.825706	-86.928176	56140.15	56250.7	-0.68	56139.47	56145.19141	56085.20875	56110.78516	505271.7	5408083.1
L5270.0	505271.7	5408081.9	13530.50000	340.08	118.69	48.825695	-86.928176	56140.56	56250.7	-0.68	56139.88	56145.55469	56084.77569	56110.34375	505271.7	5408081.9
L5270.0	505271.7	5408080.6	13530.70020	341.01	118.69	48.825683	-86.928176	56141.02	56250.7	-0.68	56140.34	56145.96484	56085.39345	56110.95313	505271.7	5408080.6
L5270.0	505271.7	5408079.3	13530.79981	341.22	118.69	48.825671	-86.928176	56141.48	56250.7	-0.67	56140.81	56146.38672	56086.05039	56111.59766	505271.7	5408079.3
L5270.0	505271.7	5408077.5	13530.90039	341.71	118.69	48.825655	-86.928176	56141.96	56250.7	-0.67	56141.29	56146.82031	56086.74700	56112.28125	505271.7	5408077.5
L5270.0	505271.7	5408077.5	13531.00000	339.72	118.69	48.825655	-86.928176	56142.46	56250.7	-0.67	56141.79	56147.27344	56087.73683	56113.25781	505271.7	5408077.5
L5270.0	505271.7	5408076.0	13531.09961	341.63	118.69	48.825642	-86.928176	56142.93	56250.7	-0.67	56142.26	56147.69922	56087.75562	56113.26172	505271.7	5408076.0
L5270.0	505271.7	5408074.8	13531.20020	342.59	118.33	48.825631	-86.928176	56143.45	56250.7	-0.67	56142.79	56148.18359	56089.08106	56114.57031	505271.7	5408074.8
L5270.0	505271.7	5408073.6	13531.29981	341.28	118.33	48.825620	-86.928176	56143.92	56250.7	-0.67	56143.25	56148.59766	56088.42518	56113.89453	505271.7	5408073.6
L5270.0	505271.7	5408071.9	13531.40039	340.98	118.33	48.825605	-86.928177	56144.48	56250.7	-0.67	56143.81	56149.11328	56090.08979	56115.53906	505271.7	5408071.9
L5270.0	505271.7	5408071.9	13531.50000	338.56	107.89	48.825605	-86.928177	56145.00	56250.7	-0.67	56144.34	56149.59766	56090.78709	56116.21484	505271.7	5408071.9
L5270.0	505271.7	5408070.5	13531.59961	338.80	107.89	48.825592	-86.928177	56145.54	56250.7	-0.66	56144.87	56150.08203	56091.27724	56116.67969	505271.7	5408070.5
L5270.0	505271.6	5408069.0	13531.70020	340.10	117.7	48.825579	-86.928177	56146.07	56250.7	-0.66	56145.40	56150.57031	56091.56150	56116.93750	505271.6	5408069.0
L5270.0	505271.6	5408067.3	13531.79981	341.07	117.7	48.825564	-86.928177	56146.62	56250.7	-0.66	56145.96	56151.08594	56092.40017	56117.75000	505271.6	5408067.3
L5270.0	505271.6	5408067.3	13531.90039	341.61	116.97	48.825564	-86.928177	56147.16	56250.7	-0.66	56146.50	56151.58594	56092.52973	56117.85156	505271.6	5408067.3
L5270.0	505271.6	5408065.9	13532.00000	342.51	117.08	48.825551	-86.928177	56147.76	56250.7	-0.66	56147.10	56152.14063	56093.97560	56119.26563	505271.6	5408065.9
L5270.0	505271.6	5408064.3	13532.09961	342.88	117.08	48.825536	-86.928177	56148.32	56250.7	-0.66	56147.66	56152.66016	56094.20945	56119.46484	505271.6	5408064.3
L5270.0	505271.6	5408063.0	13532.20020	342.65	114.85	48.825525	-86.928177	56148.95	56250.7	-0.67	56148.29	56153.25000	56096.01581	56121.23828	505271.6	5408063.0
L5270.0	505271.6	5408061.6	13532.29981	342.28	114.85	48.825513	-86.928177	56149.48	56250.7	-0.67	56148.81	56153.72656	56094.84256	56120.02734	505271.6	5408061.6
L5270.0	505271.6	5408061.6	13532.40039	342.91	116.41	48.825513	-86.928177	56150.19	56250.7	-0.67	56149.52	56154.39844	56098.28115	56123.42969	505271.6	5408061.6
L5270.0	505271.6	5408060.2	13532.50000	342.87	116.31	48.825500	-86.928178	56150.78	56250.7	-0.68	56150.10	56154.93750	56098.23771	56123.34375	505271.6	5408060.2

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5270.0	505271.6	5408058.9	13532.50000	342.87	115.56	48.825488	-86.928178	56151.38	56250.7	-0.68	56150.70	56155.49609	56098.50896	56123.57422	505271.6	5408058.9
L5270.0	505271.6	5408057.3	13532.70020	342.98	115.56	48.825474	-86.928178	56152.06	56250.7	-0.68	56151.37	56156.12891	56100.36174	56125.38281	505271.6	5408057.3
L5270.0	505271.6	5408056.1	13532.79981	342.08	108.3	48.825463	-86.928178	56152.68	56250.7	-0.68	56151.99	56156.70703	56100.76211	56125.73828	505271.6	5408056.1
L5270.0	505271.6	5408054.4	13532.90039	343.51	111.55	48.825447	-86.928178	56153.38	56250.7	-0.69	56152.69	56157.37109	56103.00092	56127.92578	505271.6	5408054.4
L5270.0	505271.6	5408054.4	13533.00000	342.16	115.46	48.825447	-86.928178	56154.01	56250.7	-0.69	56153.32	56157.96094	56103.28530	56128.16016	505271.6	5408054.4
L5270.0	505271.6	5408052.9	13533.09961	342.47	118.91	48.825434	-86.928178	56154.70	56250.7	-0.69	56154.00	56158.60547	56104.65317	56129.47656	505271.6	5408052.9
L5270.0	505271.6	5408051.2	13533.20020	341.58	118.91	48.825419	-86.928178	56155.33	56250.7	-0.69	56154.64	56159.20703	56104.82965	56129.60156	505271.6	5408051.2
L5270.0	505271.6	5408050.2	13533.29981	340.47	110.68	48.825410	-86.928177	56156.06	56250.7	-0.69	56155.36	56159.88672	56106.85267	56131.56641	505271.6	5408050.2
L5270.0	505271.6	5408048.8	13533.40039	342.11	113.39	48.825397	-86.928177	56156.73	56250.7	-0.69	56156.04	56160.53125	56107.68840	56132.34375	505271.6	5408048.8
L5270.0	505271.6	5408047.3	13533.50000	340.97	113.39	48.825384	-86.928177	56157.45	56250.7	-0.69	56156.76	56161.21484	56109.36283	56133.95703	505271.6	5408047.3
L5270.0	505271.6	5408045.8	13533.59961	340.87	116.72	48.825371	-86.928177	56158.13	56250.7	-0.69	56157.44	56161.85938	56109.85408	56134.38672	505271.6	5408045.8
L5270.0	505271.6	5408045.8	13533.70020	339.71	117.11	48.825371	-86.928177	56158.85	56250.7	-0.69	56158.16	56162.54297	56111.18812	56135.65625	505271.6	5408045.8
L5270.0	505271.6	5408044.6	13533.79981	340.47	117.11	48.825359	-86.928177	56159.52	56250.7	-0.69	56158.83	56163.17578	56111.09005	56135.49219	505271.6	5408044.6
L5270.0	505271.6	5408043.6	13533.90039	341.85	115.11	48.825351	-86.928177	56160.31	56250.7	-0.69	56159.62	56163.92969	56113.86272	56138.19531	505271.6	5408043.6
L5270.0	505271.6	5408042.0	13534.00000	340.69	115.11	48.825336	-86.928177	56161.04	56250.7	-0.69	56160.35	56164.62500	56114.95428	56139.21484	505271.6	5408042.0
L5270.0	505271.6	5408040.3	13534.09961	342.08	116.73	48.825321	-86.928177	56161.71	56250.7	-0.69	56161.01	56165.25000	56114.11369	56138.30078	505271.6	5408040.3
L5270.0	505271.6	5408040.3	13534.20020	341.83	116.73	48.825321	-86.928177	56162.46	56250.7	-0.69	56161.76	56165.96484	56115.39069	56139.50391	505271.6	5408040.3
L5270.0	505271.6	5408038.8	13534.29981	343.04	118.51	48.825307	-86.928177	56163.24	56250.7	-0.70	56162.55	56166.72266	56117.52221	56141.55469	505271.6	5408038.8
L5270.0	505271.6	5408037.1	13534.40039	340.97	118.51	48.825292	-86.928177	56163.94	56250.7	-0.70	56163.24	56167.37891	56116.96819	56140.92188	505271.6	5408037.1
L5270.0	505271.6	5408035.8	13534.50000	342.51	118.51	48.825280	-86.928177	56164.72	56250.7	-0.70	56164.02	56168.12109	56118.53722	56142.40625	505271.6	5408035.8
L5270.0	505271.6	5408034.4	13534.50000	342.51	118.51	48.825268	-86.928178	56165.49	56250.7	-0.70	56164.79	56168.85938	56119.70111	56143.48828	505271.6	5408034.4
L5270.0	505271.6	5408033.0	13534.59961	340.78	118.51	48.825255	-86.928178	56166.25	56250.7	-0.70	56165.55	56169.58594	56120.46151	56144.16016	505271.6	5408033.0
L5270.0	505271.6	5408033.0	13534.79981	340.88	118.51	48.825255	-86.928178	56167.06	56250.7	-0.71	56166.35	56170.35156	56122.08494	56145.69531	505271.6	5408033.0
L5270.0	505271.6	5408031.6	13534.90039	340.15	118.05	48.825243	-86.928178	56167.81	56250.7	-0.71	56167.10	56171.07031	56122.29600	56145.81250	505271.6	5408031.6
L5270.0	505271.6	5408030.3	13535.00000	338.98	118.05	48.825231	-86.928178	56168.63	56250.7	-0.71	56167.92	56171.85547	56124.13202	56147.55469	505271.6	5408030.3
L5270.0	505271.6	5408028.8	13535.09961	338.17	117.81	48.825217	-86.928178	56169.41	56250.7	-0.71	56168.70	56172.60156	56124.81146	56148.13672	505271.6	5408028.8
L5270.0	505271.6	5408027.1	13535.20020	341.04	117.81	48.825202	-86.928178	56170.23	56250.7	-0.71	56169.52	56173.39063	56126.35951	56149.58594	505271.6	5408027.1
L5270.0	505271.6	5408025.8	13535.29981	341.66	117.81	48.825190	-86.928178	56171.04	56250.7	-0.71	56170.33	56174.16797	56127.51242	56150.63672	505271.6	5408025.8
L5270.0	505271.6	5408025.8	13535.40039	344.01	117.81	48.825190	-86.928178	56171.84	56250.7	-0.71	56171.14	56174.94531	56128.52426	56151.54688	505271.6	5408025.8
L5270.0	505271.6	5408024.4	13535.50000	341.39	117.81	48.825178	-86.928178	56172.65	56250.7	-0.70	56171.94	56175.71094	56129.14307	56152.05859	505271.6	5408024.4
L5270.0	505271.6	5408022.8	13535.59961	341.38	117.81	48.825163	-86.928178	56173.44	56250.7	-0.70	56172.74	56176.48047	56129.62274	56152.42969	505271.6	5408022.8
L5270.0	505271.6	5408021.3	13535.70020	343.11	117.81	48.825150	-86.928178	56174.30	56250.7	-0.70	56173.59	56177.29688	56131.22903	56153.92578	505271.6	5408021.3
L5270.0	505271.6	5408020.1	13535.79981	341.58	117.81	48.825139	-86.928178	56175.15	56250.7	-0.70	56174.45	56178.12500	56132.95072	56155.53125	505271.6	5408020.1
L5270.0	505271.6	5408018.9	13535.90039	340.46	117.81	48.825128	-86.928178	56175.97	56250.7	-0.70	56175.27	56178.91406	56133.52345	56155.98828	505271.6	5408018.9
L5270.0	505271.6	5408017.5	13536.00000	341.27	117.81	48.825116	-86.928178	56176.85	56250.7	-0.70	56176.15	56179.76172	56135.47766	56157.82422	505271.6	5408017.5
L5270.0	505271.6	5408017.5	13536.09961	341.86	117.81	48.825116	-86.928178	56177.64	56250.7	-0.70	56176.94	56180.51953	56135.01889	56157.24219	505271.6	5408017.5
L5270.0	505271.6	5408015.7	13536.20020	343.33	117.81	48.825100	-86.928177	56178.48	56250.7	-0.70	56177.79	56181.33594	56135.94232	56158.04297	505271.6	5408015.7
L5270.0	505271.7	5408014.3	13536.29981	340.30	117.81	48.825086	-86.928177	56179.39	56250.7	-0.70	56178.69	56182.20703	56137.99515	56159.96875	505271.7	5408014.3
L5270.0	505271.7	5408012.8	13536.40039	340.88	117.81	48.825073	-86.928177	56180.19	56250.7	-0.70	56179.50	56182.98438	56137.63563	56159.48047	505271.7	5408012.8
L5270.0	505271.7	5408012.8	13536.50000	339.75	117.81	48.825073	-86.928177	56181.12	56250.7	-0.69	56180.43	56183.88281	56140.17656	56161.89063	505271.7	5408012.8
L5270.0	505271.7	5408011.2	13536.50000	339.75	117.81	48.825059	-86.928177	56181.94	56250.7	-0.69	56181.25	56184.67188	56139.79906	56161.37891	505271.7	5408011.2
L5270.0	505271.7	5408010.2	13536.70020	339.60	117.81	48.825050	-86.928177	56182.85	56250.7	-0.69	56182.15	56185.53906	56141.30975	56162.75391	505271.7	5408010.2
L5270.0	505271.7	5408008.7	13536.79981	338.99	117.81	48.825037	-86.928177	56183.75	56250.7	-0.69	56183.05	56186.40625	56142.68441	56163.99219	505271.7	5408008.7
L5270.0	505271.7	5408007.3	13536.90039	340.27	117.81	48.825024	-86.928177	56184.68	56250.7	-0.69	56183.99	56187.31641	56144.93462	56166.09766	505271.7	5408007.3
L5270.0	505271.7	5408005.9	13537.00000	339.60	117.81	48.825011	-86.928177	56185.58	56250.7	-0.69	56184.89	56188.18359	56146.03597	56167.05859	505271.7	5408005.9
L5270.0	505271.7	5408004.2	13537.09961	341.55	130	48.824996	-86.928177	56186.53	56250.7	-0.69	56185.84	56189.10156	56148.26480	56169.14063	505271.7	5408004.2
L5270.0	505271.7	5408004.2	13537.20020	340.15	130	48.824996	-86.928177	56187.41	56250.7	-0.69	56186.72	56189.94922	56148.58458	56169.31250	505271.7	5408004.2
L5270.0	505271.7	5408002.3	13537.29981	339.89	130	48.824979	-86.928177	56188.38	56250.7	-0.69	56187.69	56190.88672	56151.04242	56171.61719	505271.7	5408002.3
L5270.0	505271.7	5408000.8	13537.40039	340.25	130	48.824965	-86.928176	56189.27	56250.7	-0.69	56188.58	56191.74609	56151.33668	56171.75781	505271.7	5408000.8
L5270.0	505271.7	5408000.8	13537.50000	340.31	130	48.824965	-86.928176	56190.23	56250.7	-0.69	56189.54	56192.67578	56153.26134	56173.52734	505271.7	5408000.8
L5270.0	505271.7	5407999.4	13537.59961	339.70	130	48.824952	-86.928176	56191.17	56250.7	-0.69	56190.48	56193.58203	56154.53854	56174.64453	505271.7	5407999.4
L5270.0	505271.8	5407997.9	13537.70020	340.82	130	48.824939	-86.928176	56192.14	56250.7	-0.69	56191.45	56194.51953	56156.43223	56176.37891	505271.8	5407997.9
L5270.0	505271.8	5407995.7	13537.79981	340.49	130	48.824920	-86.928176	56193.07	56250.7	-0.69	56192.38	56195.41797	56157.17044	56176.95313	505271.8	5407995.7
L5270.0	505271.8	5407995.7	13537.90039	339.27	130	48.824920	-86.928176	56194.02	56250.7	-0.69	56193.33	56196.33594	56158.27000	56177.88672	505271.8	5407995.7
L5270.0	505271.8	5407994.3	13538.00000	340.08	130	48.824907	-86.928176	56194.99	56250.7	-0.69	56194.30	56197.27344	56159.72979	56179.17969	505271.8	5407994.3
L5270.0	505271.8	5407993.1	13538.09961	338.89	130	48.824896	-86.928176	56195.92	56250.7	-0.69	56195.22	56198.16406	56159.77771	56179.05469	505271.8	5407993.1
L5270.0	505271.8	5407993.1	13538.20020	340.67	130	48.824896	-86.928176	56196.86	56250.7	-0.70	56196.16	56199.07031	56160.18350	56179.28906	505271.8	5407993.1
L5270.0	505271.8	5407991.1	13538.29981	341.18	130	48.824878	-86.928176	56197.85	56250.7	-0.70	56197.15	56200.02734	56161.70495	56180.63281	505271.8	5407991.1
L5270.0	505271.8	5407989.9	13538.40039	341.73	130	48.824868	-86.928176	56198.81	56250.7	-0.70	56198.10	56200.94531	56162.06393	56180.81641	505271.8	5407989.9
L5270.0	505271.8	5407988.5	13538.50000	341.64	130	48.824855	-86.928175	56199.82	56250.7	-0.71	56199.11	56201.92188	56163.78914	56182.35938	505271.8	5407988.5
L5270.0	505271.8	5407987.0	13538.50000	341.64	130	48.824841	-86.928175	56200.76	56250.7	-0.71	56200.05	56202.82813	56163.59053	56181.98047	505271.8	5407987.0
L5270.0	505271.8	5407985.8	13538.70020	342.11	130	48.824831	-86.928175	56201.77	56250.7	-0.71	56201.06	56203.80859	56165.00880	56183.21484	505271.8	5407985.8
L5270.0	505271.8	5407985.8	13538.79981	343.48	130	48.824831	-86.928175	56202.75	56250.7	-0.71	56202.04	56204.75391	56165.51290	56183.53125	505271.8	5407985.8
L5270.0	505271.8	5407984.1	13538.90039	340.51	130	48.824816	-86.928175	56203.76	56250.7	-0.72	56203.04	56205.72266	56166.36668	56184.19531	505271.8	5407984.1
L5270.0	505271.8	5407982.7	13539.00000	340.79	130	48.824803	-86.928176	56204.81	56250.7	-0.72	56204.09	56206.73828	56168.32809	56185.96484	505271.8	5407982.7
L5270.0	505271.8	5407981.3	13539.09961	339.99	130	48.824790	-86.928176	56205.82	56250.7	-0.72	56205.10	56207.71484	56169.11921	56186.56250	505271.8	5407981.3
L5270.0	505271.8	5407979.8	13539.20020	341.73	130	48.824776	-86.928176	56206.87	56250.7	-0.72	56206.15	56208.73047	56170.76306	56188.01172	505271.8	5407979.8
L5270.0	505271.8	5407979.8	13539.29981	342.75	130	48.824776	-86.928176	56207.88	56250.7	-0.72	56207.16	56209.70703	56171.23487	56188.28516	505271.8	5407979.8
L5270.0	505271.8	5407977.5	13539.40039	341.96	130	48.824756	-86.928176	56208.89	56250.7	-0.72	56208.17	56210.68359	56171.54585	56188.39844	505271.8	5407977.5
L5270.0	505271.7	5407976.4	13539.50000	341.59	130	48.824746	-86.928177	56209.92	56250.7	-0.71	56209.20	56211.67969	56172.20134	56188.85156	505271.7	5407976.4
L5270.0	505271.7	5407975.0	13539.59961	341.49	130	48.824733	-86.928177	56211.02	56250.7	-0.71	56210.31	56212.75781	56174.71872	56191.16406	505271.7	5407975.0
L5270.0	505271.7	5407975.0	13539.70020	341.71	130	48.824733	-86.928177	56212.04	56250.7	-0.71	56211.33	56213.74219	56174.79672	56191.03516	505271.7	5407975.0
L5270.0	505271.7	5407973.3	13539.79981	342.28	130	48.824718	-86.928177	56213.14	56250.7	-0.71	56212.43	56214.80859	56176.73589	56192.76563	505271.7	5407973.3
L5270.0	505271.7	5407971.8	13539.90039	343.55	130	48.824705	-86.928178	56214.19	56250.7	-0.71	56213.48	56215.82422	56177.24715	56193.06641	505271.7	5407971.8
L5270.0	505271.7	5407970.6	13540.00000	343.10	130	48.824694	-86.928178	56215.28	56250.7	-0.71	56214.57	56216.88281	56178.60741	56194.21484	505271.7	5407970.6
L5270.0	505271.7	5407968.9	13540.09961	342.62	130	48.824679	-86.928178	56216.36	56250.7	-0.71	56215.65	56217.92578	56179.55180	56194.94531	505271.7	5407968.9
L5270.0	505271.7	5407968.9	13540.20020	342.47	130	48.824679	-86.928178	56217.45	56250.7	-0.71	56216.74	56218.98047	56180.58660	56195.76172	505271.7	5407968.9
L5270.0	505271.6	5407967.4	13540.29981	342.15	130	48.824665	-86.928178	56218.54	56250.7	-0.71	56217.83	56220.03906	56181.45923	56196.41797	505271.6	5407967.4
L5270.0	505271.6	5407965.7	13540.40039	341.10	130	48.824650	-86.928178	56219.68	56250.7	-0.71	56218.97	56221.14453	56183.43526	56198.17188	505271.6	5407965.7
L5270.0	505271.6	5407964.3	13540.50000	340.69	130	48.824637	-86.928179	56220.82	56250.7	-0.71	56220.11	56222.25000	56185.25050	56199.76563	505271.6	5407964.3
L5270.0	505271.6	5407964.3	13540.50000	340.69	130	48.824637	-86.928179	56221.90	56250.7	-0.71	56221.19	56223.29297	56185.38798	56199.67969	505271.6	5407964.3
L5270.0	505271.6	5407962.4	13540.70020	333.14	130	48.824620	-86.928179	56223.09	56250.7	-0.71	56222.38	56224.44922	56188.14967	56202.21484	505271.6	5407962.4
L5270.0	505271.6	5407961.2	13540.79981	341.39	130	48.824610	-86.928179	56224.21	56250.7	-0.71	56223.50	56225.53516	56188.98308	56202.82031	505271.6	5407961.2
L5270.0	505271.6	5407959.7	13540.90039	341.79	130	48.824596	-86.928179	56225.36	56250.7	-0.71	56224.65	56226.64844	56190.41964	56204.02734	505271.6	5407959.7
L5270.0	505271.6	5407958.1	13541.00000	341.92	130	48.824582	-86.928179	56226.54	56250.7	-0.71	56225.83	56227.79297	56192.46107	56205.83594	505271.6	5407958.1
L5270.0	505271.6	5407958.1	13541.09961	340.51	130	48.824582	-86.928179	56227.71	56250.7	-0.71	56227.01	56228.93750	56194.35033	56207.49219	505271.6	5407958.1
L5270.0	505271.6	5407956.4	13541.20020	341.07	130	48.824566	-86.928178	56228.86	56250.7	-0.70	56228.16	56230.05078	56195.33057	56208.23828	505271.6	5407956.4
L5270.0	505271.7	5407955.0	13541.29981	343.09	130	48.824553	-86.928178	56230.09	56250.7	-0.70	56229.39	56231.24609	56198.18702	56210.85938	505271.7	5407955.0
L5270.0	505271.7	5407955.0	13541.40039	343.45	130	48.824553	-86.928178	56231.26	56250.7	-0.69	56230.56	56232.38281	56199.38032	56211.81641	505271.7	5407955.0
L5270.0	505271.7	5407953.5	13541.50000	343.58	130	48.824540	-86.928178	56232.48	56250.7	-0.69	56231.79	56233.57422	56201.94911	56214.14453	505271.7	5407953.5
L5270.0	505271.7	5407951.6	13541.59961	341.27	130	48.824523	-86.928177	56233.74	56250.7	-0.69	56233.05	56234.80078	56205.13734	56217.09375	505271.7	5407951.6
L5270.0	505271.7	5407951.6	13541.70020	341.96	130	48.824523	-86.928177	56234.93	56250.7	-0.68	56234.25	56235.96484	56206.67123	56218.38672	505271.7	5407951.6
L5270.0	505271.7	5407950.2	13541.79981	338.75	130	48.824510	-86.928177	56236.19	56250.7	-0.68	56235.51	56237.18750	56209.59000	56221.06250	505271.7	5407950.2

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5270.0	505271.8	5407948.2	13541.90039	337.50	130	48.824492	-86.928177	56237.41	56250.7	-0.67	56236.73	56238.37109	56211.36726	56222.59375	505271.8	5407948.2
L5270.0	505271.8	5407947.0	13542.00000	339.20	130	48.824481	-86.928177	56238.68	56250.7	-0.67	56238.01	56239.61719	56214.53663	56225.51563	505271.8	5407947.0
L5270.0	505271.8	5407945.6	13542.09961	339.58	130	48.824469	-86.928176	56239.91	56250.7	-0.68	56239.23	56240.80078	56216.06613	56226.80078	505271.8	5407945.6
L5270.0	505271.8	5407944.1	13542.20020	339.95	130	48.824455	-86.928176	56241.17	56250.7	-0.68	56240.49	56242.02344	56218.48975	56228.97656	505271.8	5407944.1
L5270.0	505271.8	5407944.1	13542.29981	341.17	130	48.824455	-86.928176	56242.40	56250.7	-0.69	56241.71	56243.20703	56219.78783	56230.02344	505271.8	5407944.1
L5270.0	505271.8	5407942.0	13542.40039	340.33	130	48.824436	-86.928176	56243.68	56250.7	-0.69	56242.99	56244.44922	56222.49468	56232.48047	505271.8	5407942.0
L5270.0	505271.8	5407940.5	13542.50000	339.32	130	48.824423	-86.928176	56244.94	56250.7	-0.70	56244.24	56245.66406	56224.33800	56234.07422	505271.8	5407940.5
L5270.0	505271.8	5407940.5	13542.50000	339.32	130	48.824423	-86.928176	56246.21	56250.7	-0.70	56245.51	56246.89844	56226.58748	56236.07422	505271.8	5407940.5
L5270.0	505271.8	5407939.1	13542.70020	341.75	130	48.824410	-86.928176	56247.44	56250.7	-0.71	56246.73	56248.08203	56227.47709	56236.71094	505271.8	5407939.1
L5270.0	505271.8	5407937.6	13542.79981	339.82	130	48.824397	-86.928176	56248.79	56250.7	-0.72	56248.07	56249.38672	56231.31269	56240.29297	505271.8	5407937.6
L5270.0	505271.8	5407936.0	13542.90039	339.73	130	48.824382	-86.928177	56250.02	56250.7	-0.72	56249.30	56250.57813	56232.28068	56241.00781	505271.8	5407936.0
L5270.0	505271.8	5407936.0	13543.00000	339.51	130	48.824382	-86.928177	56251.28	56250.7	-0.73	56250.55	56251.79297	56233.67523	56242.14844	505271.8	5407936.0
L5270.0	505271.8	5407934.5	13543.09961	338.46	130	48.824369	-86.928177	56252.57	56250.7	-0.73	56251.84	56253.04688	56236.00772	56244.22656	505271.8	5407934.5
L5270.0	505271.8	5407933.4	13543.20020	340.98	130	48.824359	-86.928177	56253.86	56250.7	-0.73	56253.13	56254.30078	56238.27171	56246.23828	505271.8	5407933.4
L5270.0	505271.7	5407931.8	13543.29981	340.67	130	48.824344	-86.928177	56255.13	56250.7	-0.73	56254.40	56255.53516	56239.96683	56247.67578	505271.7	5407931.8
L5270.0	505271.7	5407930.8	13543.40039	340.63	130	48.824335	-86.928177	56256.41	56250.7	-0.73	56255.69	56256.78906	56242.11072	56249.56641	505271.7	5407930.8
L5270.0	505271.7	5407929.4	13543.50000	342.71	130	48.824323	-86.928178	56257.66	56250.7	-0.73	56256.93	56257.99219	56242.93823	56250.14063	505271.7	5407929.4
L5270.0	505271.7	5407929.4	13543.59961	342.68	130	48.824323	-86.928178	56258.94	56250.7	-0.72	56258.22	56259.24609	56244.98510	56251.93359	505271.7	5407929.4
L5270.0	505271.7	5407928.0	13543.70020	341.70	130	48.824311	-86.928178	56260.27	56250.7	-0.72	56259.55	56260.53906	56248.00423	56254.69531	505271.7	5407928.0
L5270.0	505271.7	5407926.7	13543.79981	341.89	130	48.824299	-86.928178	56261.56	56250.7	-0.72	56260.84	56261.79297	56249.97766	56256.41406	505271.7	5407926.7
L5270.0	505271.7	5407925.0	13543.90039	341.20	130	48.824284	-86.928179	56262.81	56250.7	-0.72	56262.08	56262.99609	56250.65836	56256.84375	505271.7	5407925.0
L5270.0	505271.6	5407923.6	13544.00000	340.51	130	48.824271	-86.928179	56264.13	56250.7	-0.72	56263.40	56264.28125	56253.34123	56259.27344	505271.6	5407923.6
L5270.0	505271.6	5407922.5	13544.09961	339.16	130	48.824261	-86.928179	56265.48	56250.7	-0.72	56264.76	56265.60547	56257.02034	56262.69922	505271.6	5407922.5
L5270.0	505271.6	5407922.5	13544.20020	340.10	130	48.824261	-86.928179	56266.68	56250.7	-0.72	56265.96	56266.76953	56256.64193	56262.06641	505271.6	5407922.5
L5270.0	505271.6	5407921.0	13544.29981	340.13	130	48.824247	-86.928180	56268.04	56250.7	-0.72	56267.31	56268.08594	56260.05473	56265.23047	505271.6	5407921.0
L5270.0	505271.6	5407919.7	13544.40039	339.24	130	48.824235	-86.928180	56269.23	56250.7	-0.72	56268.51	56269.25000	56259.67509	56264.59766	505271.6	5407919.7
L5270.0	505271.5	5407918.1	13544.50000	338.54	130	48.824222	-86.928180	56270.59	56250.7	-0.73	56269.86	56270.56641	56263.09875	56267.77344	505271.5	5407918.1
L5270.0	505271.5	5407918.1	13544.50000	338.54	130	48.824222	-86.928180	56271.86	56250.7	-0.73	56271.13	56271.80078	56264.51294	56268.93750	505271.5	5407918.1
L5270.0	505271.5	5407916.6	13544.59961	338.52	130	48.824208	-86.928181	56273.14	56250.7	-0.73	56272.42	56273.05469	56266.45356	56270.62891	505271.5	5407916.6
L5270.0	505271.5	5407915.2	13544.79981	338.55	130	48.824195	-86.928181	56274.41	56250.7	-0.73	56273.69	56274.28906	56267.91458	56271.84375	505271.5	5407915.2
L5270.0	505271.4	5407913.5	13544.90039	339.44	117.03	48.824180	-86.928182	56275.76	56250.7	-0.73	56275.03	56275.59375	56271.17886	56274.86328	505271.4	5407913.5
L5270.0	505271.4	5407913.5	13545.00000	340.70	117.03	48.824180	-86.928182	56277.07	56250.7	-0.73	56276.34	56276.87109	56273.72235	56277.16406	505271.4	5407913.5
L5270.0	505271.4	5407912.2	13545.09961	339.31	117.36	48.824168	-86.928182	56278.38	56250.7	-0.73	56277.65	56278.14844	56276.30987	56279.50781	505271.4	5407912.2
L5270.0	505271.4	5407910.9	13545.20020	339.94	117.36	48.824156	-86.928183	56279.71	56250.7	-0.73	56278.99	56279.45313	56279.70616	56282.66406	505271.4	5407910.9
L5270.0	505271.4	5407909.6	13545.29981	340.42	117.36	48.824145	-86.928183	56281.00	56250.7	-0.73	56280.28	56280.70703	56281.89304	56284.61328	505271.4	5407909.6
L5270.0	505271.4	5407909.6	13545.40039	339.30	117.36	48.824145	-86.928183	56282.37	56250.7	-0.73	56281.64	56282.03516	56285.91206	56288.39453	505271.4	5407909.6
L5270.0	505271.3	5407908.4	13545.50000	337.46	117.36	48.824134	-86.928183	56283.68	56250.7	-0.73	56282.96	56283.32031	56288.98595	56291.23438	505271.3	5407908.4
L5270.0	505271.3	5407907.2	13545.59961	340.20	117.36	48.824123	-86.928183	56284.97	56250.7	-0.72	56284.25	56284.57813	56291.37325	56293.38672	505271.3	5407907.2
L5270.0	505271.3	5407906.1	13545.70020	342.14	117.36	48.824113	-86.928184	56286.24	56250.7	-0.72	56285.51	56285.80469	56293.07949	56294.86328	505271.3	5407906.1
L5270.0	505271.3	5407904.8	13545.79981	342.70	117.36	48.824102	-86.928184	56287.56	56250.7	-0.72	56286.83	56287.09375	56296.38703	56297.94141	505271.3	5407904.8
L5270.0	505271.3	5407903.4	13545.90039	341.42	117.36	48.824089	-86.928184	56288.88	56250.7	-0.72	56288.16	56288.39063	56300.03630	56301.36328	505271.3	5407903.4
L5270.0	505271.3	5407903.4	13546.00000	343.78	117.36	48.824089	-86.928184	56290.14	56250.7	-0.72	56289.42	56289.61719	56302.00873	56303.11328	505271.3	5407903.4
L5270.0	505271.3	5407902.1	13546.09961	342.91	116.09	48.824078	-86.928184	56291.41	56250.7	-0.72	56290.69	56290.85547	56304.33353	56305.21484	505271.3	5407902.1
L5270.0	505271.3	5407901.1	13546.20020	341.08	116.09	48.824068	-86.928184	56292.73	56250.7	-0.72	56292.01	56292.14453	56308.02791	56308.68750	505271.3	5407901.1
L5270.0	505271.2	5407899.8	13546.29981	340.81	115.45	48.824057	-86.928185	56293.96	56250.7	-0.72	56293.24	56293.34375	56309.55521	56310.00000	505271.2	5407899.8
L5270.0	505271.2	5407898.9	13546.40039	338.47	114.72	48.824048	-86.928185	56295.21	56250.7	-0.72	56294.49	56294.56250	56311.70347	56311.93359	505271.2	5407898.9
L5270.0	505271.2	5407897.5	13546.50000	338.31	114.72	48.824036	-86.928185	56296.44	56250.7	-0.72	56295.71	56295.75000	56313.21288	56313.23047	505271.2	5407897.5
L5270.0	505271.2	5407897.5	13546.50000	338.31	112.54	48.824036	-86.928185	56297.69	56250.7	-0.72	56296.96	56296.96875	56315.60647	56315.41797	505271.2	5407897.5
L5270.0	505271.2	5407896.4	13546.59961	338.49	110.42	48.824027	-86.928185	56298.96	56250.7	-0.73	56298.24	56298.21875	56318.88930	56318.49219	505271.2	5407896.4
L5270.0	505271.2	5407895.3	13546.79981	339.69	110.42	48.824016	-86.928185	56300.14	56250.7	-0.73	56299.41	56299.35938	56319.52456	56318.92578	505271.2	5407895.3
L5270.0	505271.2	5407894.0	13546.90039	339.58	107.82	48.824005	-86.928186	56301.39	56250.7	-0.73	56300.66	56300.57813	56322.32411	56321.52734	505271.2	5407894.0
L5270.0	505271.1	5407892.8	13547.00000	339.51	107.82	48.823994	-86.928186	56302.62	56250.7	-0.73	56301.89	56301.78125	56324.76306	56323.76953	505271.1	5407892.8
L5270.0	505271.1	5407891.6	13547.09961	338.56	110.9	48.823983	-86.928186	56303.86	56250.7	-0.73	56303.13	56302.98828	56327.60541	56326.41797	505271.1	5407891.6
L5270.0	505271.1	5407891.6	13547.20020	339.20	112.65	48.823983	-86.928186	56304.98	56250.7	-0.73	56304.26	56304.08984	56327.82031	56326.44531	505271.1	5407891.6
L5270.0	505271.1	5407890.3	13547.29981	340.03	112.65	48.823971	-86.928186	56306.24	56250.7	-0.72	56305.51	56305.31250	56331.23156	56329.66797	505271.1	5407890.3
L5270.0	505271.1	5407890.3	13547.40039	338.16	113.57	48.823971	-86.928186	56307.34	56250.7	-0.72	56306.62	56306.39453	56331.26648	56329.52344	505271.1	5407890.3
L5270.0	505271.1	5407888.9	13547.50000	338.56	113.57	48.823958	-86.928186	56308.56	56250.7	-0.72	56307.84	56307.58594	56334.25491	56332.33203	505271.1	5407888.9
L5270.0	505271.1	5407887.7	13547.59961	338.62	109.61	48.823948	-86.928186	56309.68	56250.7	-0.72	56308.96	56308.67969	56334.88914	56332.78906	505271.1	5407887.7
L5270.0	505271.1	5407886.6	13547.70020	340.37	109.61	48.823938	-86.928186	56310.91	56250.7	-0.72	56310.19	56309.88281	56338.48712	56336.21484	505271.1	5407886.6
L5270.0	505271.1	5407886.6	13547.79981	341.15	110.46	48.823938	-86.928186	56311.98	56250.7	-0.71	56311.26	56310.92578	56338.22329	56335.78516	505271.1	5407886.6
L5270.0	505271.1	5407885.6	13547.90039	343.28	112.67	48.823929	-86.928187	56313.13	56250.7	-0.71	56312.42	56312.05859	56340.42761	56337.82422	505271.1	5407885.6
L5270.0	505271.1	5407884.6	13548.00000	343.25	112.67	48.823920	-86.928186	56314.17	56250.7	-0.71	56313.46	56313.07031	56339.79257	56337.02734	505271.1	5407884.6
L5270.0	505271.1	5407883.5	13548.09961	343.66	110.92	48.823910	-86.928186	56315.33	56250.7	-0.71	56314.62	56314.20703	56342.39525	56339.47266	505271.1	5407883.5
L5270.0	505271.1	5407883.5	13548.20020	342.40	110.92	48.823910	-86.928186	56316.36	56250.7	-0.71	56315.65	56315.21094	56341.91626	56338.83984	505271.1	5407883.5
L5270.0	505271.1	5407882.6	13548.29981	342.43	108.41	48.823902	-86.928187	56317.50	56250.7	-0.72	56316.78	56316.31641	56344.17981	56340.95703	505271.1	5407882.6
L5270.0	505271.1	5407881.6	13548.40039	342.84	108.92	48.823893	-86.928187	56318.48	56250.7	-0.72	56317.76	56317.26953	56342.86664	56339.50000	505271.1	5407881.6
L5270.0	505271.1	5407880.5	13548.50000	342.62	108.92	48.823883	-86.928187	56319.62	56250.7	-0.72	56318.90	56318.38672	56345.82498	56342.31641	505271.1	5407880.5
L5270.0	505271.1	5407879.6	13548.50000	342.62	107.68	48.823875	-86.928187	56320.58	56250.7	-0.72	56319.86	56319.32031	56344.45878	56340.81250	505271.1	5407879.6
L5270.0	505271.1	5407879.6	13548.70020	343.24	107.68	48.823875	-86.928187	56321.70	56250.7	-0.72	56320.97	56320.40625	56347.12237	56343.34375	505271.1	5407879.6
L5270.0	505271.1	5407878.5	13548.79981	342.80	107.62	48.823865	-86.928187	56322.68	56250.7	-0.73	56321.95	56321.36328	56346.73776	56342.83203	505271.1	5407878.5
L5270.0	505271.1	5407877.4	13548.90039	343.35	107.62	48.823856	-86.928187	56323.75	56250.7	-0.73	56323.02	56322.41016	56348.87651	56344.84766	505271.1	5407877.4
L5270.0	505271.1	5407876.5	13549.00000	342.47	109.53	48.823847	-86.928187	56324.76	56250.7	-0.73	56324.03	56323.39844	56349.74959	56345.59766	505271.1	5407876.5
L5270.0	505271.1	5407876.5	13549.09961	344.84	109.53	48.823847	-86.928187	56325.84	56250.7	-0.73	56325.11	56324.45703	56352.65174	56348.38672	505271.1	5407876.5
L5270.0	505271.1	5407875.7	13549.20020	343.06	110.16	48.823840	-86.928187	56326.84	56250.7	-0.73	56326.11	56325.43359	56353.79404	56349.41406	505271.1	5407875.7
L5270.0	505271.1	5407874.8	13549.29981	343.04	106.18	48.823832	-86.928186	56327.80	56250.7	-0.73	56327.07	56326.37109	56354.19439	56349.70703	505271.1	5407874.8
L5270.0	505271.1	5407874.8	13549.40039	343.07	106.18	48.823832	-86.928186	56328.85	56250.7	-0.73	56328.12	56327.40234	56357.14764	56352.55859	505271.1	5407874.8
L5270.0	505271.1	5407873.0	13549.50000	341.57	106.12	48.823816	-86.928186	56329.75	56250.7	-0.73	56329.02	56328.28125	56356.58803	56351.90234	505271.1	5407873.0
L5270.0	505271.1	5407873.0	13549.59961	341.57	106.12	48.823816	-86.928186	56330.68	56250.7	-0.73	56329.95	56329.18750	56357.07540	56352.29297	505271.1	5407873.0
L5270.0	505271.1	5407873.0	13549.59961	342.72	106.11	48.823816	-86.928186	56331.66	56250.7	-0.73	56330.93	56330.14844	56359.12172	56354.25000	505271.1	5407873.0
L5270.0	505271.2	5407871.4	13549.79981	343.44	109.35	48.823801	-86.928186	56332.66	56250.7	-0.73	56331.93	56331.12891	56361.97402	56357.01563	505271.2	5407871.4
L5270.0	505271.2	5407870.5	13549.90039	342.47	109.35	48.823793	-86.928185	56333.52	56250.7	-0.73	56332.79	56331.96875	56361.59045	56356.55078	505271.2	5407870.5
L5270.0	505271.2	5407870.5	13550.00000	342.90	108.52	48.823793	-86.928185	56334.48	56250.7	-0.73	56333.75	56332.91016	56364.04869	56358.92969	505271.2	5407870.5
L5270.0	505271.2	5407869.7	13550.00000	342.90	93.15	48.823786	-86.928185	56335.36	56250.7	-0.73	56334.63	56333.77344	56364.80082	56359.60938	505271.2	5407869.7
L5270.0	505271.2	5407868.8	13550.20020	345.11	93.15	48.823778	-86.928185	56336.28	56250.7	-0.73	56335.55	56334.67188	56366.88854	56361.62891	505271.2	5407868.8
L5270.0	505271.3	5407868.1	13550.29981	345.11	92.86	48.823772	-86.928185	56337.17	56250.7	-0.73	56336.44	56335.54297	56368.54667	56363.22266	505271.3	5407868.1
L5270.0	505271.3	5407867.5	13550.40039	343.86	93.89	48.823766	-86.928184	56338.06	56250.7	-0.73	56337.33	56336.41797	56370.53983	56365.15234	505271.3	5407867.5
L5270.0	505271.3	5407867.5	13550.50000	345.08	93.89	48.823766	-86.928184	56338.95	56250.7	-0.73	56338.22	56337.28906	56372.87355	56367.42969	505271.3	5407867.5
L5270.0	505271.3	5407866.7	13550.50000	345.08	93.67	48.823759	-86.928184	56339.80	56250.7	-0.73	56339.07	56338.12109	56374.54130	56369.04688	505271.3	5407866.7
L5270.0	505271.3	5407865.9	13550.59961	342.34	93.67	48.823752	-86.928184	56340.62	56250.7	-0.73	56339.89	56338.92578	56375.80132	56370.25781	505271.3	5407865.9
L5270.0	505271.3	5407865.9	13550.79981	341.61	103.72	48.823752	-86.928184	56341.46	56250.7	-0.73	56340.73	56339.75000	56377.92369	56372.33594	505271.3	5407865.9
L5270.0	505271.4	5407865.2	13550.90039	343.20	103.72	48.823745	-86.928183	56342.38	56250.7	-0.73	56341.65	56340.65234	56382.43125	56376.80078	505271.4	5407865.2
L5270.0	505271.4	5407864.5	13551.00000	345.08	104.16	48.823740	-86.928183	56343.12	56250.7	-0.73	56342.39	56341.37500	56382.75100	56377.08594	505271.4	5407864.5
L5270.0	505271.4	5407864.0	13551.09961	344.79	104.16	48.823735	-86.928183	56343.93	56250.7	-0.73	56343.20	56342.17188	56385.21221	56379.51563	505271.4	5407864.0

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5270.0	505271.4	5407863.3	13551.20020	343.38	92.02	48.823729	-86.928183	56344.72	56250.7	-0.73	56343.99	56342.94531	56387.54224	56381.81641	505271.4	5407863.3
L5270.0	505271.4	5407862.6	13551.29981	342.96	102.3	48.823722	-86.928183	56345.48	56250.7	-0.73	56344.76	56343.69922	56389.74512	56383.99219	505271.4	5407862.6
L5270.0	505271.4	5407862.6	13551.40039	341.72	102.3	48.823722	-86.928183	56346.23	56250.7	-0.73	56345.50	56344.42578	56391.57162	56385.79688	505271.4	5407862.6
L5270.0	505271.4	5407862.0	13551.50000	341.30	101.75	48.823717	-86.928182	56346.94	56250.7	-0.73	56346.21	56345.12109	56393.02522	56387.23438	505271.4	5407862.0
L5270.0	505271.4	5407861.4	13551.59961	340.35	101.75	48.823712	-86.928182	56347.64	56250.7	-0.72	56346.91	56345.80859	56394.61506	56388.80859	505271.4	5407861.4
L5270.0	505271.5	5407860.7	13551.70020	342.01	100.34	48.823705	-86.928182	56348.40	56250.7	-0.72	56347.67	56346.55469	56398.11493	56392.30078	505271.5	5407860.7
L5270.0	505271.5	5407860.1	13551.79981	341.73	100.34	48.823700	-86.928182	56349.01	56250.7	-0.72	56348.29	56347.16016	56398.46755	56392.64453	505271.5	5407860.1
L5270.0	505271.5	5407860.1	13551.90039	342.19	100.34	48.823700	-86.928182	56349.68	56250.7	-0.72	56348.95	56347.80859	56400.22890	56394.40234	505271.5	5407860.1
L5270.0	505271.5	5407859.4	13552.00000	348.00	96.55	48.823694	-86.928181	56350.34	56250.7	-0.72	56349.62	56348.46484	56402.64183	56396.81641	505271.5	5407859.4
L5270.0	505271.5	5407858.9	13552.09961	348.23	101.7	48.823688	-86.928181	56350.92	56250.7	-0.72	56350.20	56349.03125	56403.17786	56397.35547	505271.5	5407858.9
L5270.0	505271.5	5407858.9	13552.20020	348.01	101.7	48.823688	-86.928181	56351.54	56250.7	-0.72	56350.81	56349.62891	56404.87391	56399.05469	505271.5	5407858.9
L5270.0	505271.5	5407858.3	13552.29981	346.13	101.21	48.823683	-86.928181	56352.13	56250.7	-0.73	56351.40	56350.20703	56406.46568	56400.65625	505271.5	5407858.3
L5270.0	505271.6	5407857.8	13552.40039	343.83	101.51	48.823679	-86.928181	56352.71	56250.7	-0.73	56351.98	56350.77344	56408.20638	56402.41016	505271.6	5407857.8
L5270.0	505271.6	5407857.8	13552.50000	345.36	101.49	48.823679	-86.928181	56353.22	56250.7	-0.73	56352.49	56351.27344	56408.57788	56402.79688	505271.6	5407857.8
L5270.0	505271.6	5407857.3	13552.50000	345.36	101.49	48.823674	-86.928181	56353.81	56250.7	-0.73	56353.08	56351.85156	56411.37443	56405.60938	505271.6	5407857.3
L5270.0	505271.6	5407856.8	13552.59961	342.93	101.49	48.823670	-86.928180	56354.27	56250.7	-0.73	56353.53	56352.28906	56411.02918	56405.28516	505271.6	5407856.8
L5270.0	505271.6	5407856.8	13552.79981	340.88	100.48	48.823670	-86.928180	56354.78	56250.7	-0.74	56354.04	56352.78906	56412.60047	56406.87891	505271.6	5407856.8
L5270.0	505271.6	5407856.4	13552.90039	342.16	100.48	48.823666	-86.928180	56355.27	56250.7	-0.74	56354.53	56353.26563	56414.06244	56408.36719	505271.6	5407856.4
L5270.0	505271.6	5407856.0	13553.00000	343.52	101.25	48.823663	-86.928180	56355.75	56250.7	-0.74	56355.01	56353.73438	56415.66571	56409.99609	505271.6	5407856.0
L5270.0	505271.6	5407855.6	13553.09961	344.49	101.25	48.823659	-86.928180	56356.14	56250.7	-0.74	56355.40	56354.11328	56415.38355	56409.74219	505271.6	5407855.6
L5270.0	505271.6	5407855.2	13553.20020	346.15	93.36	48.823656	-86.928180	56356.62	56250.7	-0.73	56355.89	56354.59375	56418.01951	56412.41406	505271.6	5407855.2
L5270.0	505271.6	5407855.2	13553.29981	345.58	93.36	48.823656	-86.928180	56357.02	56250.7	-0.73	56356.29	56354.98438	56418.76310	56413.19141	505271.6	5407855.2
L5270.0	505271.6	5407854.9	13553.40039	347.72	86.75	48.823652	-86.928180	56357.41	56250.7	-0.73	56356.68	56355.36328	56419.63409	56414.09766	505271.6	5407854.9
L5270.0	505271.6	5407854.5	13553.50000	344.39	97.24	48.823650	-86.928180	56357.77	56250.7	-0.72	56357.04	56355.71094	56420.12194	56414.62109	505271.6	5407854.5
L5270.0	505271.6	5407854.3	13553.59961	343.33	97.24	48.823647	-86.928180	56358.09	56250.7	-0.72	56357.37	56356.03125	56420.22168	56414.76172	505271.6	5407854.3
L5270.0	505271.6	5407854.0	13553.70020	342.69	93.07	48.823645	-86.928180	56358.53	56250.7	-0.72	56357.81	56356.46094	56423.46976	56418.05078	505271.6	5407854.0
L5270.0	505271.6	5407854.0	13553.79981	343.92	87.55	48.823645	-86.928180	56358.74	56250.7	-0.72	56358.02	56356.66406	56421.25872	56415.88281	505271.6	5407854.0
L5270.0	505271.6	5407853.6	13553.90039	342.61	87.55	48.823641	-86.928180	56358.98	56250.7	-0.71	56358.27	56356.90234	56420.41309	56415.08203	505271.6	5407853.6
L5270.0	505271.6	5407853.4	13554.00000	341.26	87.48	48.823639	-86.928180	56359.27	56250.7	-0.71	56358.56	56357.18359	56420.92631	56415.64063	505271.6	5407853.4
L5270.0	505271.6	5407853.2	13554.09961	342.75	95.56	48.823637	-86.928180	56359.55	56250.7	-0.71	56358.84	56357.45313	56421.52647	56416.28516	505271.6	5407853.2
L5270.0	505271.6	5407853.2	13554.20020	344.50	95.56	48.823637	-86.928180	56359.70	56250.7	-0.71	56358.99	56357.59375	56419.17041	56413.97656	505271.6	5407853.2
L5270.0	505271.6	5407852.9	13554.29981	343.06	101.34	48.823635	-86.928180	56359.88	56250.7	-0.72	56359.17	56357.76563	56417.89836	56412.75391	505271.6	5407852.9
L5270.0	505271.6	5407852.7	13554.40039	343.48	101.34	48.823634	-86.928180	56360.09	56250.7	-0.72	56359.37	56357.95703	56417.44939	56412.35547	505271.6	5407852.7
L5270.0	505271.6	5407852.5	13554.50000	340.81	101.34	48.823631	-86.928180	56360.21	56250.7	-0.72	56359.49	56358.06641	56415.28536	56410.23828	505271.6	5407852.5
L5270.0	505271.6	5407852.5	13554.50000	340.81	101.39	48.823631	-86.928180	56360.24	56250.7	-0.72	56359.52	56358.08594	56411.14479	56406.14844	505271.6	5407852.5
L5270.0	505271.6	5407852.4	13554.59961	341.29	101.39	48.823630	-86.928180	56360.37	56250.7	-0.72	56359.64	56358.19922	56409.57276	56404.62891	505271.6	5407852.4
L5270.0	505271.6	5407852.3	13554.79981	341.42	101.31	48.823629	-86.928180	56360.37	56250.7	-0.73	56359.64	56358.18750	56405.24747	56400.35156	505271.6	5407852.3
L5270.0	505271.6	5407852.3	13554.90039	339.58	101.31	48.823629	-86.928180	56360.39	56250.7	-0.73	56359.67	56358.21094	56401.95459	56397.11328	505271.6	5407852.3
L5320.0	505321.8	5407852.6	13194.40039	337.61	88.6	48.823632	-86.927496	56442.11	56250.2	-0.22	56441.89	56414.80078	56504.53125	56467.30469	505321.8	5407852.6
L5320.0	505321.8	5407852.8	13194.50000	339.43	89.56	48.823633	-86.927496	56442.01	56250.2	-0.22	56441.79	56414.78125	56508.78428	56471.70313	505321.8	5407852.8
L5320.0	505321.8	5407852.8	13194.50000	339.43	89.18	48.823633	-86.927496	56441.81	56250.2	-0.22	56441.58	56414.64844	56510.50265	56473.56641	505321.8	5407852.8
L5320.0	505321.9	5407853.0	13194.70020	337.36	90.08	48.823635	-86.927496	56441.45	56250.2	-0.22	56441.22	56414.36719	56509.01573	56472.22656	505321.9	5407853.0
L5320.0	505321.9	5407853.1	13194.79981	337.54	90.08	48.823636	-86.927495	56441.16	56250.2	-0.22	56440.94	56414.16406	56509.81143	56473.16797	505321.9	5407853.1
L5320.0	505321.9	5407853.3	13194.90039	335.38	80.98	48.823638	-86.927495	56440.86	56250.2	-0.22	56440.64	56413.94141	56510.53624	56474.03906	505321.9	5407853.3
L5320.0	505322.0	5407853.5	13195.00000	334.24	80.98	48.823640	-86.927494	56440.66	56250.2	-0.22	56440.44	56413.82031	56513.97133	56477.62109	505322.0	5407853.5
L5320.0	505322.0	5407853.8	13195.09961	334.93	89.17	48.823642	-86.927493	56440.32	56250.2	-0.22	56440.10	56413.55859	56514.61736	56478.41406	505322.0	5407853.8
L5320.0	505322.1	5407854.1	13195.20020	335.13	94.77	48.823645	-86.927493	56440.14	56250.2	-0.22	56439.92	56413.45313	56519.33887	56483.28516	505322.1	5407854.1
L5320.0	505322.1	5407854.1	13195.29981	332.26	91.53	48.823645	-86.927493	56439.94	56250.2	-0.22	56439.71	56413.32422	56523.80358	56487.89844	505322.1	5407854.1
L5320.0	505322.1	5407854.4	13195.40039	332.17	92.84	48.823648	-86.927492	56439.64	56250.2	-0.22	56439.41	56413.10156	56526.69149	56490.93750	505322.1	5407854.4
L5320.0	505322.2	5407854.6	13195.50000	332.09	89.84	48.823650	-86.927491	56439.25	56250.2	-0.23	56439.02	56412.78906	56528.03774	56492.43359	505322.2	5407854.6
L5320.0	505322.3	5407855.0	13195.59961	333.59	89.84	48.823653	-86.927490	56438.89	56250.2	-0.23	56438.67	56412.51563	56530.77200	56495.32031	505322.3	5407855.0
L5320.0	505322.3	5407855.2	13195.70020	335.74	92.14	48.823655	-86.927490	56438.41	56250.2	-0.23	56438.18	56412.10547	56530.87504	56495.57422	505322.3	5407855.2
L5320.0	505322.3	5407855.2	13195.79981	331.90	91.33	48.823655	-86.927490	56437.92	56250.2	-0.23	56437.69	56411.69531	56531.48574	56496.33984	505322.3	5407855.2
L5320.0	505322.3	5407855.6	13195.90039	329.66	88.81	48.823658	-86.927489	56437.21	56250.2	-0.23	56436.98	56411.06250	56527.68343	56492.69141	505322.3	5407855.6
L5320.0	505322.4	5407856.1	13196.00000	327.95	84.12	48.823663	-86.927488	56436.63	56250.2	-0.23	56436.39	56410.55078	56527.07317	56492.23828	505322.4	5407856.1
L5320.0	505322.4	5407856.1	13196.09961	329.75	84.12	48.823663	-86.927488	56435.98	56250.2	-0.23	56435.75	56409.98828	56525.84911	56491.16797	505322.4	5407856.1
L5320.0	505322.4	5407856.6	13196.20020	331.49	84.12	48.823668	-86.927488	56435.32	56250.2	-0.22	56435.10	56409.41797	56524.90273	56490.38281	505322.4	5407856.6
L5320.0	505322.5	5407857.0	13196.29981	334.68	84.04	48.823671	-86.927487	56434.48	56250.2	-0.22	56434.26	56408.65625	56520.13427	56485.77344	505322.5	5407857.0
L5320.0	505322.5	5407857.0	13196.40039	336.92	83.92	48.823671	-86.927487	56433.69	56250.2	-0.22	56433.47	56407.94531	56516.94955	56482.75000	505322.5	5407857.0
L5320.0	505322.5	5407857.8	13196.50000	335.99	83.89	48.823679	-86.927487	56432.90	56250.2	-0.21	56432.68	56407.23438	56514.20709	56480.17188	505322.5	5407857.8
L5320.0	505322.5	5407857.8	13196.50000	335.99	83.89	48.823679	-86.927487	56432.08	56250.2	-0.21	56431.86	56406.49219	56511.20344	56477.33203	505322.5	5407857.8
L5320.0	505322.5	5407858.3	13196.70020	338.59	85.04	48.823683	-86.927487	56431.21	56250.2	-0.21	56431.01	56405.72266	56507.91561	56474.21094	505322.5	5407858.3
L5320.0	505322.5	5407858.3	13196.79981	335.90	85.09	48.823683	-86.927487	56430.37	56250.2	-0.21	56430.17	56404.96094	56505.25886	56471.72266	505322.5	5407858.3
L5320.0	505322.5	5407858.9	13196.90039	337.38	91.27	48.823688	-86.927487	56429.43	56250.2	-0.20	56429.22	56404.08984	56500.40206	56467.03516	505322.5	5407858.9
L5320.0	505322.5	5407859.7	13197.00000	338.37	91.27	48.823695	-86.927487	56428.54	56250.2	-0.20	56428.34	56403.29297	56497.56464	56464.36719	505322.5	5407859.7
L5320.0	505322.5	5407860.1	13197.09961	339.78	93.18	48.823699	-86.927487	56427.54	56250.2	-0.20	56427.34	56402.37109	56492.25340	56459.23047	505322.5	5407860.1
L5320.0	505322.5	5407860.1	13197.20020	341.23	93.18	48.823699	-86.927487	56426.59	56250.2	-0.20	56426.39	56401.50000	56488.48713	56455.64063	505322.5	5407860.1
L5320.0	505322.4	5407860.7	13197.29981	337.85	95	48.823704	-86.927487	56425.68	56250.2	-0.20	56425.48	56400.67188	56486.03950	56453.37109	505322.4	5407860.7
L5320.0	505322.4	5407861.3	13197.40039	336.88	91.5	48.823710	-86.927488	56424.78	56250.2	-0.20	56424.58	56399.85156	56484.19814	56451.70703	505322.4	5407861.3
L5320.0	505322.4	5407861.6	13197.50000	335.84	91.5	48.823713	-86.927488	56423.71	56250.2	-0.20	56423.51	56398.86328	56478.66453	56446.35547	505322.4	5407861.6
L5320.0	505322.4	5407862.2	13197.59961	337.80	91.57	48.823718	-86.927488	56422.79	56250.2	-0.20	56422.59	56398.02344	56477.08624	56444.96094	505322.4	5407862.2
L5320.0	505322.4	5407862.8	13197.70020	338.12	90.64	48.823724	-86.927488	56421.77	56250.2	-0.20	56421.57	56397.08203	56473.49782	56441.55859	505322.4	5407862.8
L5320.0	505322.3	5407863.5	13197.79981	338.21	90.64	48.823729	-86.927489	56420.72	56250.2	-0.20	56420.52	56396.11328	56469.58016	56437.83203	505322.3	5407863.5
L5320.0	505322.3	5407864.0	13197.90039	336.04	91.94	48.823734	-86.927489	56419.78	56250.2	-0.20	56419.58	56395.25391	56468.65678	56437.09766	505322.3	5407864.0
L5320.0	505322.3	5407864.0	13198.00000	337.28	86.13	48.823734	-86.927489	56418.76	56250.2	-0.20	56418.56	56394.31641	56466.22374	56434.85938	505322.3	5407864.0
L5320.0	505322.3	5407864.7	13198.09961	338.33	78.78	48.823741	-86.927489	56417.76	56250.2	-0.20	56417.56	56393.39844	56464.64696	56433.47656	505322.3	5407864.7
L5320.0	505322.3	5407865.6	13198.20020	337.12	79.55	48.823749	-86.927490	56416.67	56250.2	-0.21	56416.46	56392.37891	56461.11658	56430.14453	505322.3	5407865.6
L5320.0	505322.3	5407865.6	13198.29981	336.57	79.55	48.823749	-86.927490	56415.64	56250.2	-0.21	56415.44	56391.44141	56459.83370	56429.06250	505322.3	5407865.6
L5320.0	505322.2	5407866.4	13198.40039	335.67	80.36	48.823755	-86.927490	56414.57	56250.2	-0.21	56414.36	56390.44141	56457.53659	56426.96484	505322.2	5407866.4
L5320.0	505322.2	5407866.8	13198.50000	334.67	82.36	48.823760	-86.927490	56413.45	56250.2	-0.21	56413.23	56389.39453	56454.46939	56424.10547	505322.2	5407866.8
L5320.0	505322.2	5407867.5	13198.50000	334.67	84.29	48.823766	-86.927491	56412.20	56250.2	-0.21	56411.98	56388.22656	56449.04442	56418.88672	505322.2	5407867.5
L5320.0	505322.2	5407868.2	13198.70020	335.23	90.09	48.823772	-86.927491	56411.05	56250.2	-0.22	56410.83	56387.16016	56446.28505	56416.33594	505322.2	5407868.2
L5320.0	505322.1	5407868.9	13198.79981	332.75	90.09	48.823778	-86.927492	56409.93	56250.2	-0.22	56409.70	56386.11328	56444.34053	56414.60547	505322.1	5407868.9
L5320.0	505322.1	5407868.9	13198.90039	331.83	94.38	48.823778	-86.927492	56408.70	56250.2	-0.23	56408.48	56384.97266	56440.71397	56411.19141	505322.1	5407868.9
L5320.0	505322.1	5407870.1	13199.00000	330.36	94.84	48.823789	-86.927492	56407.64	56250.2	-0.23	56407.41	56383.98828	56440.81479	56411.51172	505322.1	5407870.1
L5320.0	505322.1	5407870.8	13199.09961	329.30	94.84	48.823795	-86.927492	56406.38	56250.2	-0.23	56406.15	56382.80859	56436.97318	56407.88672	505322.1	5407870.8
L5320.0	505322.1	5407870.8	13199.20020	327.04	96.7	48.823795	-86.927492	56405.18	56250.2	-0.23	56404.96	56381.70313	56435.03791	56406.17578	505322.1	5407870.8
L5320.0	505322.1	5407871.5	13199.29981	330.05	87.42	48.823802	-86.927493	56403.93	56250.2	-0.23	56403.70	56380.52734	56431.84823	56403.21094	505322.1	5407871.5
L5320.0	505322.0	5407872.3	13199.40039	332.92	87.71	48.823809	-86.927493	56402.76	56250.2	-0.23	56402.53	56379.44141	56430.99895	56402.58594	505322.0	5407872.3
L5320.0	505322.0	5407873.0	13199.50000	332.63	87.71	48.823815	-86.927493	56401.56	56250.2	-0.23	56401.33	56378.32422	56429.77275	56401.58984	505322.0	5407873.0
L5320.0	505322.0	5407873.6	13199.59961	333.57	93.7	48.823821	-86.927493	56400.28	56250.2	-0.22	56400.05	56377.12891	56426.99696	56399.04688	505322.0	5407873.6
L5320.0	505322.0	5407874.5	13199.70020	336.18	93.7	48.823828	-86.927493	56399.01	56250.2	-0.22	56398.79	56375.95313	56424.91961	56397.20313	505322.0	5407874.5
L5320.0	505322.0	5407875.0	13199.79981	337.37	91.88	48.823833	-86.927493	56397.73	56250.2	-0.22	56397.50	56374.74609	56422.37285	56394.89453	505322.0	5407875.0

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5320.0	505322.0	5407875.9	13199.90039	336.80	95.18	48.823841	-86.927493	56396.45	56250.2	-0.22	56396.23	56373.56250	56420.49195	56393.25000	505322.0	5407875.9
L5320.0	505322.0	5407876.7	13200.00000	333.71	95.08	48.823848	-86.927494	56395.13	56250.2	-0.22	56394.90	56372.31641	56417.39764	56390.39844	505322.0	5407876.7
L5320.0	505322.0	5407876.7	13200.09961	335.00	94.25	48.823848	-86.927494	56393.82	56250.2	-0.22	56393.60	56371.10156	56415.17289	56388.41797	505322.0	5407876.7
L5320.0	505322.0	5407877.8	13200.20020	337.13	94.25	48.823859	-86.927494	56392.50	56250.2	-0.22	56392.27	56369.85547	56412.40319	56385.89453	505322.0	5407877.8
L5320.0	505322.0	5407877.8	13200.29981	336.94	92.3	48.823859	-86.927494	56391.14	56250.2	-0.23	56390.92	56368.58984	56409.31788	56383.05469	505322.0	5407877.8
L5320.0	505321.9	5407878.8	13200.40039	337.98	95.44	48.823868	-86.927494	56389.82	56250.2	-0.23	56389.59	56367.34375	56406.85724	56380.84766	505321.9	5407878.8
L5320.0	505321.9	5407879.5	13200.50000	338.42	95.44	48.823874	-86.927494	56388.54	56250.2	-0.23	56388.31	56366.14844	56405.72314	56379.96484	505321.9	5407879.5
L5320.0	505321.9	5407880.9	13200.50000	338.42	98.65	48.823886	-86.927494	56387.19	56250.2	-0.23	56386.96	56364.88672	56403.08474	56377.58203	505321.9	5407880.9
L5320.0	505321.9	5407881.6	13200.70020	341.81	98.37	48.823892	-86.927495	56385.86	56250.2	-0.23	56385.63	56363.64063	56401.05530	56375.80859	505321.9	5407881.6
L5320.0	505321.9	5407881.6	13200.79981	342.33	99.92	48.823892	-86.927495	56384.48	56250.2	-0.24	56384.24	56362.33594	56397.76240	56372.77344	505321.9	5407881.6
L5320.0	505321.9	5407882.5	13200.90039	341.77	99.92	48.823901	-86.927495	56383.18	56250.2	-0.24	56382.95	56361.13281	56396.92390	56372.19531	505321.9	5407882.5
L5320.0	505321.9	5407883.2	13201.00000	339.10	99.79	48.823907	-86.927495	56381.78	56250.2	-0.24	56381.54	56359.80859	56393.43438	56368.96875	505321.9	5407883.2
L5320.0	505321.8	5407884.2	13201.09961	336.80	98.54	48.823916	-86.927495	56380.45	56250.2	-0.24	56380.21	56358.56250	56391.90845	56367.70703	505321.8	5407884.2
L5320.0	505321.8	5407884.9	13201.20020	333.57	98.54	48.823923	-86.927495	56379.10	56250.2	-0.23	56378.87	56357.30859	56390.26001	56366.32813	505321.8	5407884.9
L5320.0	505321.8	5407885.9	13201.29981	331.97	99.87	48.823931	-86.927496	56377.75	56250.2	-0.23	56377.52	56356.04297	56388.48572	56364.82031	505321.8	5407885.9
L5320.0	505321.8	5407886.8	13201.40039	329.74	100.78	48.823939	-86.927496	56376.32	56250.2	-0.22	56376.10	56354.71094	56385.23275	56361.83984	505321.8	5407886.8
L5320.0	505321.8	5407887.3	13201.50000	328.07	102.68	48.823944	-86.927496	56374.96	56250.2	-0.22	56374.74	56353.43750	56383.42523	56360.30078	505321.8	5407887.3
L5320.0	505321.8	5407888.2	13201.59961	327.33	87.61	48.823952	-86.927496	56373.54	56250.2	-0.22	56373.32	56352.10156	56380.36087	56357.51172	505321.8	5407888.2
L5320.0	505321.8	5407889.0	13201.70020	328.43	87.61	48.823959	-86.927496	56372.26	56250.2	-0.21	56372.05	56350.91797	56380.71425	56358.14063	505321.8	5407889.0
L5320.0	505321.8	5407889.8	13201.79981	330.24	90.06	48.823966	-86.927496	56370.88	56250.2	-0.21	56370.67	56349.62500	56378.68444	56356.38672	505321.8	5407889.8
L5320.0	505321.8	5407889.8	13201.90039	332.12	102.51	48.823966	-86.927496	56369.54	56250.2	-0.20	56369.33	56348.37109	56377.60372	56355.58594	505321.8	5407889.8
L5320.0	505321.8	5407890.8	13202.00000	331.94	102.51	48.823975	-86.927496	56368.20	56250.2	-0.20	56368.00	56347.12891	56376.79954	56355.05859	505321.8	5407890.8
L5320.0	505321.8	5407891.9	13202.09961	332.12	102.19	48.823985	-86.927496	56366.80	56250.2	-0.20	56366.60	56345.81250	56374.48772	56353.02734	505321.8	5407891.9
L5320.0	505321.7	5407893.0	13202.20020	333.50	101.85	48.823996	-86.927497	56365.37	56250.2	-0.20	56365.17	56344.46875	56371.53987	56350.36328	505321.7	5407893.0
L5320.0	505321.7	5407894.2	13202.29981	334.24	100.28	48.824006	-86.927497	56363.94	56250.2	-0.20	56363.74	56343.12500	56368.61122	56347.71484	505321.7	5407894.2
L5320.0	505321.7	5407894.2	13202.40039	334.89	100.28	48.824006	-86.927497	56362.56	56250.2	-0.20	56362.36	56341.83203	56366.81988	56346.20703	505321.7	5407894.2
L5320.0	505321.7	5407895.2	13202.50000	336.84	98.87	48.824015	-86.927497	56361.23	56250.2	-0.21	56361.03	56340.58984	56366.17520	56345.84766	505321.7	5407895.2
L5320.0	505321.7	5407896.0	13202.50000	336.84	100.38	48.824022	-86.927497	56359.81	56250.2	-0.21	56359.60	56339.24219	56363.26693	56343.22656	505321.7	5407896.0
L5320.0	505321.7	5407896.9	13202.70020	338.04	102.13	48.824030	-86.927497	56358.51	56250.2	-0.21	56358.30	56338.03125	56363.32361	56343.57031	505321.7	5407896.9
L5320.0	505321.7	5407897.5	13202.79981	337.07	102.13	48.824036	-86.927497	56357.02	56250.2	-0.21	56356.81	56336.62500	56359.01888	56339.55078	505321.7	5407897.5
L5320.0	505321.7	5407898.5	13202.90039	337.47	104.79	48.824045	-86.927497	56355.63	56250.2	-0.21	56355.42	56335.32031	56356.99343	56337.81641	505321.7	5407898.5
L5320.0	505321.7	5407899.4	13203.00000	337.63	103.51	48.824053	-86.927497	56354.22	56250.2	-0.21	56354.01	56333.99609	56354.49543	56335.60547	505321.7	5407899.4
L5320.0	505321.7	5407899.4	13203.09961	339.77	104.02	48.824053	-86.927497	56352.81	56250.2	-0.21	56352.60	56332.67188	56351.98700	56333.38672	505321.7	5407899.4
L5320.0	505321.7	5407900.8	13203.20020	339.69	105.75	48.824065	-86.927497	56351.43	56250.2	-0.22	56351.22	56331.37891	56350.15699	56331.84766	505321.7	5407900.8
L5320.0	505321.7	5407902.4	13203.29981	339.06	105.75	48.824079	-86.927497	56350.06	56250.2	-0.22	56349.84	56330.08203	56348.31412	56330.29297	505321.7	5407902.4
L5320.0	505321.7	5407902.4	13203.40039	338.40	103.15	48.824079	-86.927497	56348.70	56250.2	-0.22	56348.48	56328.80859	56346.90717	56329.17578	505321.7	5407902.4
L5320.0	505321.7	5407903.9	13203.50000	338.60	103.15	48.824094	-86.927496	56347.38	56250.2	-0.22	56347.15	56327.56250	56346.14548	56328.70703	505321.7	5407903.9
L5320.0	505321.7	5407904.8	13203.59961	335.41	104.1	48.824102	-86.927496	56345.95	56250.2	-0.23	56345.72	56326.21875	56343.13458	56325.98438	505321.7	5407904.8
L5320.0	505321.7	5407904.8	13203.70020	332.77	106.43	48.824102	-86.927496	56344.57	56250.2	-0.23	56344.34	56324.92188	56341.21859	56324.35938	505321.7	5407904.8
L5320.0	505321.8	5407905.9	13203.79981	331.55	106.85	48.824111	-86.927496	56343.17	56250.2	-0.23	56342.93	56323.59766	56338.62932	56322.06250	505321.8	5407905.9
L5320.0	505321.8	5407906.9	13203.90039	329.57	106.85	48.824121	-86.927496	56341.78	56250.2	-0.24	56341.54	56322.28906	56336.45338	56320.17578	505321.8	5407906.9
L5320.0	505321.8	5407907.8	13204.00000	329.51	107.35	48.824129	-86.927496	56340.34	56250.2	-0.24	56340.10	56320.93359	56333.18488	56317.19922	505321.8	5407907.8
L5320.0	505321.8	5407908.7	13204.09961	328.45	110.88	48.824137	-86.927496	56338.98	56250.2	-0.24	56338.74	56319.65625	56331.58649	56315.88672	505321.8	5407908.7
L5320.0	505321.8	5407909.8	13204.20020	327.24	110.88	48.824146	-86.927496	56337.63	56250.2	-0.23	56337.40	56318.39844	56330.35735	56314.94922	505321.8	5407909.8
L5320.0	505321.8	5407910.9	13204.29981	326.30	107.97	48.824156	-86.927495	56336.20	56250.2	-0.23	56335.97	56317.05469	56327.18819	56312.07031	505321.8	5407910.9
L5320.0	505321.8	5407912.2	13204.40039	327.13	109.15	48.824168	-86.927495	56334.77	56250.2	-0.22	56334.54	56315.70703	56323.96675	56309.13672	505321.8	5407912.2
L5320.0	505321.8	5407912.2	13204.50000	327.18	109.15	48.824168	-86.927495	56333.44	56250.2	-0.22	56333.22	56314.46875	56322.97172	56308.42969	505321.8	5407912.2
L5320.0	505321.8	5407913.4	13204.50000	327.18	110.43	48.824179	-86.927495	56332.06	56250.2	-0.22	56331.84	56313.16797	56320.65085	56306.39453	505321.8	5407913.4
L5320.0	505321.8	5407914.2	13204.59961	329.06	112.79	48.824186	-86.927495	56330.74	56250.2	-0.22	56330.52	56311.92969	56319.50460	56305.53516	505321.8	5407914.2
L5320.0	505321.8	5407915.4	13204.79981	332.52	112.79	48.824197	-86.927495	56329.38	56250.2	-0.21	56329.18	56310.67188	56317.86007	56304.17578	505321.8	5407915.4
L5320.0	505321.8	5407916.5	13204.90039	333.18	110.01	48.824207	-86.927495	56328.06	56250.2	-0.20	56327.86	56309.43359	56316.55763	56303.15625	505321.8	5407916.5
L5320.0	505321.8	5407916.5	13205.00000	333.07	110.01	48.824207	-86.927495	56326.70	56250.2	-0.20	56326.50	56308.15234	56314.32239	56301.20313	505321.8	5407916.5
L5320.0	505321.8	5407917.7	13205.09961	332.81	112.47	48.824217	-86.927495	56325.38	56250.2	-0.20	56325.18	56306.91406	56312.85707	56300.01953	505321.8	5407917.7
L5320.0	505321.8	5407918.4	13205.20020	333.33	113.14	48.824224	-86.927495	56324.02	56250.2	-0.20	56323.82	56305.63281	56310.44415	56297.89063	505321.8	5407918.4
L5320.0	505321.8	5407919.5	13205.29981	336.44	113.14	48.824234	-86.927495	56322.68	56250.2	-0.21	56322.47	56304.36328	56308.16353	56295.88672	505321.8	5407919.5
L5320.0	505321.8	5407920.8	13205.40039	336.41	113.57	48.824246	-86.927495	56321.34	56250.2	-0.21	56321.14	56303.10938	56306.24706	56294.25000	505321.8	5407920.8
L5320.0	505321.8	5407920.8	13205.50000	335.79	112.83	48.824246	-86.927495	56320.02	56250.2	-0.21	56319.81	56301.85938	56304.25984	56292.53906	505321.8	5407920.8
L5320.0	505321.8	5407922.7	13205.59961	336.79	112.77	48.824262	-86.927495	56318.70	56250.2	-0.21	56318.48	56300.60547	56302.20467	56290.75781	505321.8	5407922.7
L5320.0	505321.8	5407923.6	13205.70020	337.31	112.77	48.824271	-86.927495	56317.39	56250.2	-0.21	56317.18	56299.38281	56300.77011	56289.59766	505321.8	5407923.6
L5320.0	505321.8	5407923.6	13205.79981	338.08	119.25	48.824271	-86.927495	56316.09	56250.2	-0.22	56315.87	56298.14844	56299.05452	56288.15625	505321.8	5407923.6
L5320.0	505321.8	5407924.8	13205.90039	338.89	119.25	48.824281	-86.927495	56314.71	56250.2	-0.22	56314.49	56296.84766	56295.67906	56285.05078	505321.8	5407924.8
L5320.0	505321.8	5407926.1	13206.00000	337.37	119.25	48.824293	-86.927495	56313.43	56250.2	-0.22	56313.21	56295.64063	56294.54970	56284.18750	505321.8	5407926.1
L5320.0	505321.8	5407927.2	13206.09961	337.53	119.25	48.824303	-86.927496	56312.09	56250.2	-0.22	56311.87	56294.37500	56291.99435	56281.89844	505321.8	5407927.2
L5320.0	505321.8	5407927.2	13206.20020	337.23	119.25	48.824303	-86.927496	56310.83	56250.2	-0.22	56310.61	56293.19141	56291.23331	56281.40234	505321.8	5407927.2
L5320.0	505321.8	5407929.3	13206.29981	335.74	119.25	48.824321	-86.927496	56309.51	56250.2	-0.22	56309.28	56291.93359	56288.82247	56279.25391	505321.8	5407929.3
L5320.0	505321.8	5407929.3	13206.40039	335.51	119.25	48.824321	-86.927496	56308.12	56250.2	-0.22	56307.90	56290.62500	56285.24119	56275.93359	505321.8	5407929.3
L5320.0	505321.8	5407930.6	13206.50000	336.30	119.25	48.824334	-86.927496	56306.88	56250.2	-0.23	56306.65	56289.44922	56284.56543	56275.51563	505321.8	5407930.6
L5320.0	505321.8	5407930.6	13206.50000	336.30	119.25	48.824334	-86.927496	56305.57	56250.2	-0.23	56305.35	56288.21875	56282.71342	56273.92188	505321.8	5407930.6
L5320.0	505321.7	5407931.9	13206.70020	336.47	119.25	48.824346	-86.927496	56304.29	56250.2	-0.23	56304.07	56287.01172	56281.25707	56272.71875	505321.7	5407931.9
L5320.0	505321.7	5407933.2	13206.79981	333.02	119.25	48.824357	-86.927496	56302.97	56250.2	-0.23	56302.74	56285.75000	56278.65663	56270.37109	505321.7	5407933.2
L5320.0	505321.7	5407934.0	13206.90039	331.27	119.25	48.824364	-86.927497	56301.57	56250.2	-0.23	56301.34	56284.42188	56274.51863	56266.48047	505321.7	5407934.0
L5320.0	505321.7	5407935.2	13207.00000	329.89	119.25	48.824375	-86.927497	56300.32	56250.2	-0.23	56300.09	56283.23828	56273.55876	56265.76953	505321.7	5407935.2
L5320.0	505321.7	5407936.4	13207.09961	329.46	118.12	48.824385	-86.927497	56299.06	56250.2	-0.23	56298.83	56282.04688	56272.30429	56264.75781	505321.7	5407936.4
L5320.0	505321.7	5407936.4	13207.20020	330.56	118.12	48.824385	-86.927497	56297.76	56250.2	-0.23	56297.54	56280.82422	56270.34782	56263.04297	505321.7	5407936.4
L5320.0	505321.6	5407937.5	13207.29981	329.20	118.12	48.824396	-86.927498	56296.46	56250.2	-0.22	56296.24	56279.58984	56268.11332	56261.05078	505321.6	5407937.5
L5320.0	505321.6	5407938.9	13207.40039	330.06	118.12	48.824408	-86.927498	56295.26	56250.2	-0.22	56295.04	56278.45703	56267.80471	56260.97656	505321.6	5407938.9
L5320.0	505321.6	5407939.9	13207.50000	330.50	118.12	48.824417	-86.927498	56294.04	56250.2	-0.22	56293.82	56277.30078	56266.96276	56260.37109	505321.6	5407939.9
L5320.0	505321.5	5407941.3	13207.59961	330.77	118.12	48.824429	-86.927499	56292.77	56250.2	-0.22	56292.55	56276.09375	56265.00905	56258.64844	505321.5	5407941.3
L5320.0	505321.5	5407942.2	13207.70020	328.10	118.12	48.824438	-86.927499	56291.54	56250.2	-0.22	56291.32	56274.92969	56263.71563	56257.58203	505321.5	5407942.2
L5320.0	505321.5	5407943.3	13207.79981	328.28	118.12	48.824447	-86.927499	56290.31	56250.2	-0.21	56290.10	56273.76953	56262.48010	56256.57422	505321.5	5407943.3
L5320.0	505321.5	5407943.3	13207.90039	326.75	118.12	48.824447	-86.927499	56289.07	56250.2	-0.21	56288.85	56272.58203	56260.52904	56254.84766	505321.5	5407943.3
L5320.0	505321.4	5407944.6	13208.00000	324.91	118.12	48.824459	-86.927500	56287.93	56250.2	-0.21	56287.72	56271.51172	56260.73111	56255.26953	505321.4	5407944.6
L5320.0	505321.4	5407945.4	13208.09961	324.38	118.12	48.824467	-86.927500	56286.75	56250.2	-0.21	56286.54	56270.39063	56259.82781	56254.58594	505321.4	5407945.4
L5320.0	505321.4	5407946.6	13208.20020	325.33	118.12	48.824477	-86.927501	56285.46	56250.2	-0.21	56285.25	56269.16016	56256.68525	56251.65625	505321.4	5407946.6
L5320.0	505321.4	5407948.2	13208.29981	326.80	118.12	48.824492	-86.927501	56284.29	56250.2	-0.21	56284.09	56268.05859	56255.87413	56251.05859	505321.4	5407948.2
L5320.0	505321.4	5407948.2	13208.40039	326.94	118.12	48.824492	-86.927501	56283.04	56250.2	-0.21	56282.83	56266.85547	56253.00862	56248.40234	505321.4	5407948.2
L5320.0	505321.3	5407949.6	13208.50000	326.42	118.12	48.824504	-86.927502	56281.89	56250.2	-0.20	56281.69	56265.76953	56252.29316	56247.89453	505321.3	5407949.6
L5320.0	505321.3	5407950.7	13208.50000	326.42	118.12	48.824515	-86.927502	56280.69	56250.2	-0.20	56280.49	56264.62500	56250.28429	56246.08984	505321.3	5407950.7
L5320.0	505321.3	5407951.7	13208.70020	328.74	118.12	48.824524	-86.927502	56279.54	56250.2	-0.20	56279.34	56263.52734	56249.10242	56245.10938	505321.3	5407951.7
L5320.0	505321.3	5407953.0	13208.79981	328.81	118.12	48.824535	-86.927502	56278.44	56250.2	-0.20	56278.24	56262.48047	56248.77049	56244.97266	505321.3	5407953.0
L5320.0	505321.3	5407953.0	13208.90039	332.64	118.12	48.824535	-86.927502	56277.27	56250.2	-0.20	56277.07	56261.36328	56246.94207	56243.33984	505321.3	5407953.0
L5320.0	505321.2	5407954.2	13209.00000	332.54	118.12	48.824546	-86.927503	56276.20	56250.2	-0.20	56276.00	56260.34375	56246.97794	56243.57031	505321.2	5407954.2
L5320.0	505321.2	5407955.6	13209.09961	331.57	118.12	48.824558	-86.927503	56275.05	56250.2	-0.20	56274.85	56259.24219	56245.30793	56242.08984	505321.2	5407955.6

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5320.0	505321.2	5407955.6	13209.20020	332.35	130	48.824558	-86.927503	56273.88	56250.2	-0.20	56273.68	56258.12109	56243.11039	56240.07813	505321.2	5407955.6
L5320.0	505321.2	5407957.4	13209.29981	333.45	130	48.824575	-86.927503	56272.78	56250.2	-0.20	56272.57	56257.05859	56242.02166	56239.17578	505321.2	5407957.4
L5320.0	505321.2	5407958.4	13209.40039	333.85	130	48.824583	-86.927503	56271.63	56250.2	-0.20	56271.43	56255.96484	56240.21050	56237.54297	505321.2	5407958.4
L5320.0	505321.2	5407959.4	13209.50000	332.20	130	48.824592	-86.927503	56270.48	56250.2	-0.21	56270.28	56254.85938	56238.08109	56235.59375	505321.2	5407959.4
L5320.0	505321.2	5407960.8	13209.59961	331.75	130	48.824605	-86.927504	56269.41	56250.2	-0.21	56269.20	56253.82422	56237.32561	56235.01172	505321.2	5407960.8
L5320.0	505321.2	5407961.8	13209.70020	331.70	130	48.824614	-86.927504	56268.32	56250.2	-0.21	56268.11	56252.77734	56236.27427	56234.13281	505321.2	5407961.8
L5320.0	505321.2	5407962.8	13209.79981	330.76	130	48.824623	-86.927504	56267.19	56250.2	-0.21	56266.98	56251.69141	56234.27396	56232.30469	505321.2	5407962.8
L5320.0	505321.2	5407962.8	13209.90039	331.09	130	48.824623	-86.927504	56266.11	56250.2	-0.21	56265.90	56250.65234	56233.25847	56231.45313	505321.2	5407962.8
L5320.0	505321.1	5407963.8	13210.00000	332.77	130	48.824632	-86.927504	56265.02	56250.2	-0.21	56264.81	56249.60156	56231.93962	56230.30078	505321.1	5407963.8
L5320.0	505321.1	5407965.0	13210.09961	334.04	130	48.824643	-86.927504	56263.88	56250.2	-0.21	56263.67	56248.50000	56229.43204	56227.95313	505321.1	5407965.0
L5320.0	505321.1	5407966.2	13210.20020	333.79	130	48.824654	-86.927504	56262.82	56250.2	-0.21	56262.61	56247.47656	56228.59162	56227.26953	505321.1	5407966.2
L5320.0	505321.1	5407967.6	13210.29981	335.44	130	48.824666	-86.927504	56261.73	56250.2	-0.22	56261.52	56246.42188	56226.99868	56225.83203	505321.1	5407967.6
L5320.0	505321.1	5407968.8	13210.40039	335.33	130	48.824677	-86.927504	56260.73	56250.2	-0.22	56260.52	56245.45703	56227.31742	56226.30469	505321.1	5407968.8
L5320.0	505321.1	5407968.8	13210.50000	335.47	130	48.824677	-86.927504	56259.77	56250.2	-0.22	56259.55	56244.52344	56228.22490	56227.36328	505321.1	5407968.8
L5320.0	505321.1	5407970.0	13210.50000	335.47	130	48.824688	-86.927504	56258.68	56250.2	-0.22	56258.46	56243.46484	56226.35461	56225.63672	505321.1	5407970.0
L5320.0	505321.1	5407971.7	13210.70020	333.92	130	48.824703	-86.927504	56257.54	56250.2	-0.22	56257.32	56242.35938	56223.25442	56222.68359	505321.1	5407971.7
L5320.0	505321.1	5407971.7	13210.79981	333.19	130	48.824703	-86.927504	56256.58	56250.2	-0.23	56256.35	56241.41797	56223.88422	56223.45313	505321.1	5407971.7
L5320.0	505321.1	5407973.1	13210.90039	332.78	130	48.824716	-86.927504	56255.45	56250.2	-0.23	56255.22	56240.31641	56220.80562	56220.51172	505321.1	5407973.1
L5320.0	505321.1	5407974.3	13211.00000	333.64	130	48.824727	-86.927504	56254.38	56250.2	-0.23	56254.15	56239.27734	56218.98407	56218.82813	505321.1	5407974.3
L5320.0	505321.1	5407975.5	13211.09961	335.11	130	48.824737	-86.927504	56253.36	56250.2	-0.23	56253.13	56238.28516	56218.20229	56218.17969	505321.1	5407975.5
L5320.0	505321.1	5407975.5	13211.20020	338.29	130	48.824737	-86.927504	56252.41	56250.2	-0.23	56252.19	56237.37109	56219.14775	56219.25391	505321.1	5407975.5
L5320.0	505321.1	5407976.7	13211.29981	337.17	130	48.824748	-86.927504	56251.22	56250.2	-0.23	56250.99	56236.19531	56214.10143	56214.33594	505321.1	5407976.7
L5320.0	505321.1	5407977.9	13211.40039	336.04	130	48.824759	-86.927504	56250.26	56250.2	-0.23	56250.04	56235.26953	56214.64466	56215.00391	505321.1	5407977.9
L5320.0	505321.1	5407979.1	13211.50000	336.48	130	48.824770	-86.927504	56249.23	56250.2	-0.23	56249.01	56234.26172	56213.28458	56213.76172	505321.1	5407979.1
L5320.0	505321.1	5407980.3	13211.59961	336.13	130	48.824781	-86.927504	56248.25	56250.2	-0.22	56248.02	56233.29297	56212.74505	56213.34375	505321.1	5407980.3
L5320.0	505321.1	5407981.3	13211.70020	336.46	130	48.824790	-86.927504	56247.21	56250.2	-0.22	56246.99	56232.28125	56211.21190	56211.92578	505321.1	5407981.3
L5320.0	505321.1	5407981.3	13211.79981	335.06	130	48.824790	-86.927504	56246.29	56250.2	-0.22	56246.06	56231.37109	56211.85065	56212.67578	505321.1	5407981.3
L5320.0	505321.1	5407982.5	13211.90039	335.70	130	48.824801	-86.927505	56245.30	56250.2	-0.22	56245.08	56230.40625	56211.26671	56212.20313	505321.1	5407982.5
L5320.0	505321.1	5407983.5	13212.00000	335.08	130	48.824810	-86.927505	56244.24	56250.2	-0.22	56244.02	56229.36328	56208.79300	56209.83594	505321.1	5407983.5
L5320.0	505321.0	5407984.5	13212.09961	334.98	130	48.824819	-86.927505	56243.18	56250.2	-0.22	56242.96	56228.32031	56206.23563	56207.38281	505321.0	5407984.5
L5320.0	505321.0	5407985.8	13212.20020	334.16	130	48.824830	-86.927505	56242.23	56250.2	-0.22	56242.02	56227.39453	56206.27562	56207.52734	505321.0	5407985.8
L5320.0	505321.0	5407986.8	13212.29981	334.21	130	48.824839	-86.927505	56241.20	56250.2	-0.22	56240.98	56226.36719	56203.98782	56205.33594	505321.0	5407986.8
L5320.0	505321.0	5407987.8	13212.40039	335.58	130	48.824848	-86.927506	56240.14	56250.2	-0.22	56239.93	56225.32813	56201.38990	56202.83594	505321.0	5407987.8
L5320.0	505321.0	5407989.1	13212.50000	334.12	130	48.824859	-86.927506	56239.19	56250.2	-0.21	56238.97	56224.37891	56200.69595	56202.23438	505321.0	5407989.1
L5320.0	505320.9	5407990.1	13212.50000	334.12	130	48.824869	-86.927506	56238.23	56250.2	-0.21	56238.02	56223.43750	56200.12029	56201.75000	505320.9	5407990.1
L5320.0	505320.9	5407991.4	13212.70020	332.05	130	48.824880	-86.927506	56237.20	56250.2	-0.21	56236.99	56222.41797	56197.67712	56199.39453	505320.9	5407991.4
L5320.0	505320.9	5407992.1	13212.79981	329.32	130	48.824887	-86.927507	56236.33	56250.2	-0.21	56236.12	56221.55469	56198.65208	56200.45313	505320.9	5407992.1
L5320.0	505320.9	5407993.2	13212.90039	328.68	130	48.824896	-86.927507	56235.32	56250.2	-0.21	56235.11	56220.55078	56196.43919	56198.32422	505320.9	5407993.2
L5320.0	505320.9	5407994.4	13213.00000	328.10	130	48.824908	-86.927507	56234.50	56250.2	-0.21	56234.29	56219.73438	56198.28336	56200.24609	505320.9	5407994.4
L5320.0	505320.9	5407994.4	13213.09961	329.69	130	48.824908	-86.927507	56233.55	56250.2	-0.21	56233.33	56218.78125	56196.94684	56198.98828	505320.9	5407994.4
L5320.0	505320.8	5407995.7	13213.20020	332.03	130	48.824919	-86.927507	56232.64	56250.2	-0.21	56232.43	56217.88281	56196.81363	56198.92969	505320.8	5407995.7
L5320.0	505320.8	5407996.9	13213.29981	331.66	130	48.824930	-86.927508	56231.59	56250.2	-0.22	56231.37	56216.82422	56193.06994	56195.25781	505320.8	5407996.9
L5320.0	505320.8	5407997.5	13213.40039	332.62	130	48.824936	-86.927508	56230.55	56250.2	-0.22	56230.33	56215.78516	56189.65084	56191.90625	505320.8	5407997.5
L5320.0	505320.8	5407998.8	13213.50000	333.48	130	48.824947	-86.927508	56229.62	56250.2	-0.22	56229.40	56214.85547	56188.52459	56190.84766	505320.8	5407998.8
L5320.0	505320.8	5407999.8	13213.59961	334.59	130	48.824956	-86.927508	56228.71	56250.2	-0.22	56228.49	56213.94531	56187.72456	56190.10938	505320.8	5407999.8
L5320.0	505320.8	5408001.1	13213.70020	334.99	130	48.824967	-86.927509	56227.71	56250.2	-0.22	56227.49	56212.94141	56184.83799	56187.28516	505320.8	5408001.1
L5320.0	505320.7	5408002.3	13213.79981	336.15	130	48.824978	-86.927509	56226.89	56250.2	-0.23	56226.67	56212.11719	56185.79780	56188.30078	505320.7	5408002.3
L5320.0	505320.7	5408003.5	13213.90039	333.78	130	48.824990	-86.927509	56225.95	56250.2	-0.23	56225.72	56211.16406	56183.79980	56186.35938	505320.7	5408003.5
L5320.0	505320.7	5408003.5	13214.00000	333.48	130	48.824990	-86.927509	56225.01	56250.2	-0.23	56224.78	56210.21875	56181.92292	56184.53516	505320.7	5408003.5
L5320.0	505320.7	5408004.8	13214.09961	333.09	130	48.825001	-86.927509	56224.16	56250.2	-0.23	56223.93	56209.36328	56181.94100	56184.60547	505320.7	5408004.8
L5320.0	505320.7	5408005.8	13214.20020	332.11	130	48.825010	-86.927510	56223.20	56250.2	-0.23	56222.96	56208.38281	56179.21926	56181.92969	505320.7	5408005.8
L5320.0	505320.6	5408007.1	13214.29981	333.75	130	48.825021	-86.927510	56222.28	56250.2	-0.23	56222.05	56207.46484	56177.74083	56180.49609	505320.6	5408007.1
L5320.0	505320.6	5408008.1	13214.40039	334.18	130	48.825031	-86.927510	56221.45	56250.2	-0.23	56221.22	56206.62891	56177.95329	56180.75391	505320.6	5408008.1
L5320.0	505320.6	5408009.4	13214.50000	335.05	130	48.825042	-86.927511	56220.52	56250.2	-0.23	56220.29	56205.68750	56175.87291	56178.71094	505320.6	5408009.4
L5320.0	505320.6	5408010.8	13214.50000	335.05	130	48.825055	-86.927511	56219.71	56250.2	-0.23	56219.48	56204.86719	56176.36919	56179.24609	505320.6	5408010.8
L5320.0	505320.6	5408011.5	13214.59961	336.65	130	48.825061	-86.927511	56218.76	56250.2	-0.23	56218.53	56203.90625	56173.68964	56176.60547	505320.6	5408011.5
L5320.0	505320.6	5408012.7	13214.79981	335.92	130	48.825072	-86.927511	56217.96	56250.2	-0.23	56217.73	56203.09375	56174.24267	56177.19141	505320.6	5408012.7
L5320.0	505320.6	5408012.7	13214.90039	335.38	130	48.825072	-86.927511	56217.17	56250.2	-0.23	56216.94	56202.28906	56174.92696	56177.90625	505320.6	5408012.7
L5320.0	505320.5	5408014.2	13215.00000	335.30	130	48.825085	-86.927511	56216.23	56250.2	-0.23	56216.00	56201.33594	56172.23269	56175.24219	505320.5	5408014.2
L5320.0	505320.5	5408015.2	13215.09961	333.50	130	48.825094	-86.927511	56215.38	56250.2	-0.23	56215.15	56200.46875	56171.42997	56174.46484	505320.5	5408015.2
L5320.0	505320.5	5408016.4	13215.20020	332.71	130	48.825106	-86.927512	56214.49	56250.2	-0.23	56214.26	56199.56641	56169.66912	56172.72656	505320.5	5408016.4
L5320.0	505320.5	5408017.7	13215.29981	332.71	130	48.825117	-86.927512	56213.68	56250.2	-0.23	56213.45	56198.73828	56169.55387	56172.63672	505320.5	5408017.7
L5320.0	505320.5	5408018.6	13215.40039	331.46	130	48.825125	-86.927512	56212.80	56250.2	-0.23	56212.57	56197.83984	56167.83134	56170.93359	505320.5	5408018.6
L5320.0	505320.5	5408019.8	13215.50000	333.18	130	48.825136	-86.927512	56211.97	56250.2	-0.24	56211.74	56196.99219	56167.08685	56170.20703	505320.5	5408019.8
L5320.0	505320.5	5408019.8	13215.59961	334.83	130	48.825136	-86.927512	56211.18	56250.2	-0.24	56210.94	56196.17578	56166.87351	56170.00781	505320.5	5408019.8
L5320.0	505320.5	5408021.3	13215.70020	334.33	130	48.825150	-86.927512	56210.30	56250.2	-0.24	56210.06	56195.27734	56164.85524	56168.00391	505320.5	5408021.3
L5320.0	505320.4	5408022.6	13215.79981	332.85	130	48.825161	-86.927513	56209.43	56250.2	-0.24	56209.20	56194.39844	56163.15747	56166.32031	505320.4	5408022.6
L5320.0	505320.4	5408023.9	13215.90039	330.41	130	48.825173	-86.927513	56208.65	56250.2	-0.24	56208.41	56193.58594	56162.80738	56165.98047	505320.4	5408023.9
L5320.0	505320.4	5408024.7	13216.00000	329.98	130	48.825180	-86.927513	56207.93	56250.2	-0.24	56207.69	56192.84766	56163.77044	56166.94922	505320.4	5408024.7
L5320.0	505320.4	5408026.0	13216.09961	329.44	130	48.825192	-86.927513	56207.15	56250.2	-0.24	56206.91	56192.04688	56163.33912	56166.52344	505320.4	5408026.0
L5320.0	505320.4	5408027.1	13216.20020	328.63	130	48.825202	-86.927514	56206.38	56250.2	-0.24	56206.13	56191.24609	56162.75552	56165.94531	505320.4	5408027.1
L5320.0	505320.3	5408028.6	13216.29981	329.16	130	48.825215	-86.927514	56205.51	56250.2	-0.24	56205.26	56190.35156	56160.18004	56163.37109	505320.3	5408028.6
L5320.0	505320.3	5408028.6	13216.40039	329.42	130	48.825215	-86.927514	56204.78	56250.2	-0.24	56204.54	56189.60938	56160.49335	56163.68750	505320.3	5408028.6
L5320.0	505320.3	5408029.9	13216.50000	331.57	130	48.825227	-86.927514	56203.96	56250.2	-0.24	56203.71	56188.75781	56158.39979	56161.58984	505320.3	5408029.9
L5320.0	505320.3	5408031.2	13216.50000	331.57	130	48.825239	-86.927514	56203.11	56250.2	-0.24	56202.86	56187.88672	56155.72445	56158.91406	505320.3	5408031.2
L5320.0	505320.3	5408031.2	13216.70020	331.64	130	48.825239	-86.927514	56202.40	56250.2	-0.25	56202.15	56187.15234	56155.68773	56158.87109	505320.3	5408031.2
L5320.0	505320.3	5408032.5	13216.79981	329.58	130	48.825250	-86.927514	56201.65	56250.2	-0.25	56201.40	56186.37891	56154.65792	56157.83594	505320.3	5408032.5
L5320.0	505320.3	5408034.0	13216.90039	329.02	130	48.825264	-86.927515	56200.86	56250.2	-0.25	56200.61	56185.56641	56152.63743	56155.80859	505320.3	5408034.0
L5320.0	505320.3	5408035.3	13217.00000	328.75	130	48.825276	-86.927515	56200.15	56250.3	-0.25	56199.90	56184.83203	56152.04695	56155.20703	505320.3	5408035.3
L5320.0	505320.3	5408035.3	13217.09961	330.27	130	48.825276	-86.927515	56199.44	56250.2	-0.25	56199.19	56184.09766	56151.27521	56154.42578	505320.3	5408035.3
L5320.0	505320.3	5408036.9	13217.20020	330.84	130	48.825289	-86.927515	56198.70	56250.2	-0.25	56198.45	56183.33594	56149.71574	56152.85547	505320.3	5408036.9
L5320.0	505320.3	5408038.1	13217.29981	329.70	130	48.825301	-86.927515	56198.08	56250.2	-0.24	56197.83	56182.69141	56150.42529	56153.55078	505320.3	5408038.1
L5320.0	505320.3	5408039.3	13217.40039	329.14	130	48.825311	-86.927515	56197.26	56250.2	-0.24	56197.02	56181.85547	56147.08544	56150.19531	505320.3	5408039.3
L5320.0	505320.3	5408040.4	13217.50000	329.62	130	48.825321	-86.927515	56196.63	56250.2	-0.24	56196.39	56181.20313	56147.26043	56150.35547	505320.3	5408040.4
L5320.0	505320.2	5408041.4	13217.59961	330.38	130	48.825330	-86.927515	56195.88	56250.2	-0.24	56195.64	56180.42578	56144.79973	56147.87500	505320.2	5408041.4
L5320.0	505320.2	5408042.8	13217.70020	331.74	130	48.825342	-86.927515	56195.34	56250.2	-0.24	56195.10	56179.86328	56146.51746	56149.57422	505320.2	5408042.8
L5320.0	505320.2	5408044.0	13217.79981	332.66	130	48.825354	-86.927515	56194.58	56250.2	-0.23	56194.35	56179.08984	56143.72207	56146.75781	505320.2	5408044.0
L5320.0	505320.2	5408044.9	13217.90039	333.12	130	48.825361	-86.927515	56193.97	56250.2	-0.23	56193.74	56178.45703	56143.68398	56146.69922	505320.2	5408044.9
L5320.0	505320.2	5408046.2	13218.00000	333.56	130	48.825373	-86.927515	56193.22	56250.2	-0.23	56192.99	56177.68359	56140.55392	56143.54688	505320.2	5408046.2
L5320.0	505320.2	5408047.3	13218.09961	335.51	130	48.825384	-86.927515	56192.63	56250.2	-0.23	56192.40	56177.07031	56140.62401	56143.59375	505320.2	5408047.3
L5320.0	505320.2	5408047.3	13218.20020	335.22	130	48.825384	-86.927515	56191.93	56250.2	-0.23	56191.69	56176.33594	56138.00292	56140.94922	505320.2	5408047.3
L5320.0	505320.3	5408049.1	13218.29981	335.21	130	48.825399	-86.927515	56191.39	56250.2	-0.24	56191.16	56175.78125	56139.03636	56141.95703	505320.3	5408049.1
L5320.0	505320.2	5408050.3	13218.40039	333.61	130	48.825410	-86.927515	56190.76	56250.2	-0.24	56190.52	56175.12109	56137.57898	56140.47266	505320.2	5408050.3

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5320.0	505320.2	5408050.3	13218.50000	331.64	130	48.825410	-86.927515	56190.16	56250.2	-0.24	56189.92	56174.49609	56136.81580	56139.67969	505320.2	5408050.3
L5320.0	505320.3	5408051.8	13218.50000	331.64	130	48.825424	-86.927515	56189.53	56250.2	-0.24	56189.29	56173.84766	56135.25798	56138.09375	505320.3	5408051.8
L5320.0	505320.3	5408053.2	13218.70020	331.15	130	48.825436	-86.927515	56188.98	56250.2	-0.24	56188.74	56173.27344	56135.26538	56138.07031	505320.3	5408053.2
L5320.0	505320.3	5408054.5	13218.79981	331.86	130	48.825448	-86.927515	56188.32	56250.2	-0.25	56188.07	56172.58594	56132.55285	56135.32813	505320.3	5408054.5
L5320.0	505320.3	5408055.4	13218.90039	334.27	130	48.825456	-86.927515	56187.80	56250.2	-0.25	56187.55	56172.04297	56132.91556	56135.66016	505320.3	5408055.4
L5320.0	505320.3	5408056.7	13219.00000	333.11	130	48.825468	-86.927515	56187.19	56250.3	-0.25	56186.94	56171.41406	56131.19909	56133.91406	505320.3	5408056.7
L5320.0	505320.2	5408057.8	13219.09961	330.09	130	48.825478	-86.927515	56186.70	56250.3	-0.25	56186.44	56170.89453	56131.69660	56134.37891	505320.2	5408057.8
L5320.0	505320.2	5408059.1	13219.20020	331.86	130	48.825490	-86.927515	56186.08	56250.3	-0.26	56185.83	56170.26563	56129.67874	56132.32813	505320.2	5408059.1
L5320.0	505320.2	5408059.1	13219.29981	330.27	130	48.825490	-86.927515	56185.61	56250.3	-0.26	56185.35	56169.76953	56130.29144	56132.90625	505320.2	5408059.1
L5320.0	505320.2	5408060.7	13219.40039	330.82	130	48.825504	-86.927515	56185.09	56250.3	-0.26	56184.83	56169.23047	56129.88218	56132.46094	505320.2	5408060.7
L5320.0	505320.2	5408062.0	13219.50000	332.22	130	48.825515	-86.927515	56184.65	56250.3	-0.26	56184.38	56168.76563	56130.79925	56133.34375	505320.2	5408062.0
L5320.0	505320.2	5408063.3	13219.59961	333.78	130	48.825527	-86.927515	56184.06	56250.3	-0.27	56183.79	56168.16016	56128.55112	56131.06250	505320.2	5408063.3
L5320.0	505320.2	5408064.4	13219.70020	333.78	130	48.825537	-86.927516	56183.64	56250.3	-0.27	56183.37	56167.72656	56129.74797	56132.22266	505320.2	5408064.4
L5320.0	505320.2	5408065.5	13219.79981	334.10	130	48.825547	-86.927516	56183.00	56250.3	-0.27	56182.72	56167.06250	56125.87953	56128.31641	505320.2	5408065.5
L5320.0	505320.1	5408066.8	13219.90039	333.52	130	48.825559	-86.927516	56182.64	56250.3	-0.28	56182.37	56166.69922	56128.20063	56130.60156	505320.1	5408066.8
L5320.0	505320.1	5408067.7	13220.00000	333.94	130	48.825567	-86.927516	56182.08	56250.3	-0.28	56181.80	56166.11719	56125.67953	56128.04297	505320.1	5408067.7
L5320.0	505320.1	5408068.8	13220.09961	333.94	130	48.825576	-86.927517	56181.71	56250.3	-0.28	56181.44	56165.74609	56127.41565	56129.74219	505320.1	5408068.8
L5320.0	505320.1	5408068.8	13220.20020	331.57	130	48.825576	-86.927517	56181.20	56250.3	-0.27	56180.93	56165.22656	56125.80491	56128.09375	505320.1	5408068.8
L5320.0	505320.1	5408070.2	13220.29981	332.16	117.53	48.825589	-86.927517	56180.75	56250.3	-0.26	56180.49	56164.78125	56125.49239	56127.74609	505320.1	5408070.2
L5320.0	505320.0	5408071.4	13220.40039	330.67	117.53	48.825600	-86.927517	56180.27	56250.3	-0.26	56180.01	56164.29297	56124.16270	56126.37891	505320.0	5408071.4
L5320.0	505320.0	5408072.5	13220.50000	329.99	117.17	48.825610	-86.927518	56179.89	56250.3	-0.26	56179.63	56163.90625	56124.75641	56126.93359	505320.0	5408072.5
L5320.0	505320.0	5408073.8	13220.50000	329.99	117.39	48.825621	-86.927518	56179.40	56250.3	-0.26	56179.15	56163.42188	56123.07822	56125.21484	505320.0	5408073.8
L5320.0	505320.0	5408075.1	13220.70020	330.87	117.39	48.825634	-86.927518	56179.08	56250.2	-0.25	56178.84	56163.10938	56124.78101	56126.88281	505320.0	5408075.1
L5320.0	505320.0	5408076.0	13220.79981	329.82	117.39	48.825641	-86.927519	56178.54	56250.2	-0.24	56178.30	56162.56641	56121.50194	56123.56250	505320.0	5408076.0
L5320.0	505319.9	5408077.1	13220.90039	329.84	117.23	48.825652	-86.927519	56178.25	56250.2	-0.24	56178.01	56162.27344	56123.27351	56125.29688	505319.9	5408077.1
L5320.0	505319.9	5408077.1	13221.00000	330.66	109.17	48.825652	-86.927519	56177.82	56250.2	-0.23	56177.59	56161.85547	56122.15744	56124.14453	505319.9	5408077.1
L5320.0	505319.9	5408078.8	13221.09961	331.24	109.17	48.825667	-86.927519	56177.59	56250.2	-0.23	56177.35	56161.61719	56124.61469	56126.56250	505319.9	5408078.8
L5320.0	505319.9	5408080.2	13221.20020	331.56	109.23	48.825679	-86.927519	56177.18	56250.2	-0.24	56176.94	56161.21094	56123.35395	56125.26563	505319.9	5408080.2
L5320.0	505319.9	5408081.3	13221.29981	332.01	109.23	48.825689	-86.927520	56176.95	56250.2	-0.24	56176.71	56160.98438	56125.66454	56127.53906	505319.9	5408081.3
L5320.0	505319.9	5408081.3	13221.40039	332.18	117.71	48.825689	-86.927520	56176.52	56250.2	-0.24	56176.28	56160.56250	56123.63704	56125.47266	505319.9	5408081.3
L5320.0	505319.9	5408083.0	13221.50000	333.58	117.71	48.825704	-86.927520	56176.34	56250.2	-0.25	56176.10	56160.39063	56126.64176	56128.44141	505319.9	5408083.0
L5320.0	505319.8	5408084.3	13221.59961	333.05	118.02	48.825716	-86.927520	56175.85	56250.2	-0.25	56175.60	56159.89844	56122.81831	56124.57813	505319.8	5408084.3
L5320.0	505319.8	5408085.6	13221.70020	332.18	118.02	48.825728	-86.927520	56175.58	56250.3	-0.25	56175.33	56159.64063	56123.62633	56125.35156	505319.8	5408085.6
L5320.0	505319.8	5408085.6	13221.79981	331.19	118.02	48.825728	-86.927520	56175.14	56250.3	-0.25	56174.88	56159.20313	56120.52848	56122.21875	505319.8	5408085.6
L5320.0	505319.8	5408088.2	13221.90039	331.43	118.02	48.825751	-86.927521	56175.01	56250.3	-0.26	56174.75	56159.08594	56123.95844	56125.60938	505319.8	5408088.2
L5320.0	505319.8	5408088.2	13222.00000	330.41	118.02	48.825751	-86.927521	56174.58	56250.3	-0.26	56174.32	56158.67188	56120.98533	56122.60156	505319.8	5408088.2
L5320.0	505319.8	5408089.3	13222.09961	331.07	114.47	48.825761	-86.927521	56174.40	56250.3	-0.26	56174.14	56158.50781	56123.09532	56124.67578	505319.8	5408089.3
L5320.0	505319.8	5408090.7	13222.20020	331.56	117.11	48.825773	-86.927521	56174.12	56250.3	-0.26	56173.86	56158.25000	56122.98425	56124.53125	505319.8	5408090.7
L5320.0	505319.8	5408092.1	13222.29981	331.37	117.11	48.825786	-86.927521	56173.94	56250.3	-0.25	56173.68	56158.08984	56124.83374	56126.34766	505319.8	5408092.1
L5320.0	505319.8	5408093.4	13222.40039	331.48	117.11	48.825798	-86.927521	56173.56	56250.3	-0.25	56173.31	56157.74219	56122.58974	56124.07031	505319.8	5408093.4
L5320.0	505319.8	5408093.4	13222.50000	331.96	117.11	48.825798	-86.927521	56173.41	56250.3	-0.25	56173.16	56157.61719	56124.82062	56126.26953	505319.8	5408093.4
L5320.0	505319.7	5408095.6	13222.50000	331.96	117.11	48.825817	-86.927521	56173.14	56250.3	-0.25	56172.89	56157.37500	56124.42805	56125.84375	505319.7	5408095.6
L5320.0	505319.7	5408095.6	13222.70020	331.16	117.23	48.825817	-86.927521	56172.92	56250.2	-0.25	56172.68	56157.19531	56125.17310	56126.55469	505319.7	5408095.6
L5320.0	505319.7	5408096.7	13222.79981	332.24	114.47	48.825828	-86.927521	56172.64	56250.2	-0.24	56172.39	56156.93359	56124.14397	56125.49609	505319.7	5408096.7
L5320.0	505319.7	5408098.0	13222.90039	332.67	114.46	48.825839	-86.927521	56172.43	56250.2	-0.24	56172.18	56156.75781	56124.67214	56125.99219	505319.7	5408098.0
L5320.0	505319.7	5408099.3	13223.00000	331.76	114.46	48.825851	-86.927522	56172.12	56250.2	-0.24	56171.88	56156.49219	56123.23255	56124.52344	505319.7	5408099.3
L5320.0	505319.7	5408100.6	13223.09961	332.01	114.8	48.825863	-86.927522	56172.02	56250.2	-0.24	56171.78	56156.42969	56125.82228	56127.08594	505319.7	5408100.6
L5320.0	505319.7	5408102.1	13223.20020	330.64	113.42	48.825876	-86.927522	56171.72	56250.2	-0.24	56171.47	56156.15625	56123.98218	56125.21875	505319.7	5408102.1
L5320.0	505319.7	5408102.8	13223.29981	331.40	115.16	48.825882	-86.927522	56171.56	56250.2	-0.25	56171.32	56156.04688	56125.33075	56126.53906	505319.7	5408102.8
L5320.0	505319.7	5408102.8	13223.40039	331.11	115.16	48.825882	-86.927522	56171.36	56250.2	-0.25	56171.11	56155.87891	56125.34737	56126.52734	505319.7	5408102.8
L5320.0	505319.7	5408104.3	13223.50000	332.99	116.01	48.825896	-86.927522	56171.34	56250.3	-0.25	56171.09	56155.90234	56129.11898	56130.27344	505319.7	5408104.3
L5320.0	505319.7	5408105.6	13223.59961	331.24	114.22	48.825908	-86.927522	56171.08	56250.3	-0.25	56170.83	56155.69141	56127.91110	56129.04297	505319.7	5408105.6
L5320.0	505319.6	5408107.3	13223.70020	330.37	114.22	48.825923	-86.927522	56171.04	56250.3	-0.25	56170.79	56155.69922	56131.03531	56132.14063	505319.6	5408107.3
L5320.0	505319.6	5408108.2	13223.79981	328.54	113.39	48.825931	-86.927522	56170.68	56250.3	-0.26	56170.42	56155.37891	56127.42828	56128.51172	505319.6	5408108.2
L5320.0	505319.6	5408108.2	13223.90039	329.40	113.39	48.825931	-86.927522	56170.55	56250.3	-0.26	56170.29	56155.30469	56128.53222	56129.59375	505319.6	5408108.2
L5320.0	505319.6	5408109.5	13224.00000	331.61	114.22	48.825943	-86.927523	56170.32	56250.3	-0.26	56170.06	56155.12891	56127.54284	56128.58203	505319.6	5408109.5
L5320.0	505319.6	5408110.8	13224.09961	331.64	114.68	48.825955	-86.927523	56170.13	56250.3	-0.26	56169.87	56154.99609	56127.25118	56128.26953	505319.6	5408110.8
L5320.0	505319.6	5408112.4	13224.20020	331.14	114.68	48.825969	-86.927523	56170.03	56250.3	-0.26	56169.76	56154.94531	56128.43488	56129.43750	505319.6	5408112.4
L5320.0	505319.6	5408112.4	13224.29981	329.89	114.35	48.825969	-86.927523	56169.82	56250.3	-0.27	56169.55	56154.79688	56127.55170	56128.53516	505319.6	5408112.4
L5320.0	505319.6	5408114.8	13224.40039	327.66	115.08	48.825990	-86.927523	56169.70	56250.3	-0.27	56169.43	56154.73828	56128.33374	56129.30078	505319.6	5408114.8
L5320.0	505319.6	5408114.8	13224.50000	327.42	115.08	48.825990	-86.927523	56169.61	56250.3	-0.27	56169.34	56154.71484	56129.59741	56130.54688	505319.6	5408114.8
L5320.0	505319.6	5408116.4	13224.50000	327.42	114.83	48.826005	-86.927523	56169.44	56250.3	-0.27	56169.17	56154.61328	56129.20268	56130.13672	505319.6	5408116.4
L5320.0	505319.6	5408117.6	13224.70020	326.75	115.13	48.826016	-86.927523	56169.37	56250.3	-0.27	56169.09	56154.60156	56130.45664	56131.37500	505319.6	5408117.6
L5320.0	505319.6	5408119.0	13224.79981	329.45	113.8	48.826028	-86.927523	56169.19	56250.3	-0.28	56168.91	56154.49609	56129.67322	56130.58203	505319.6	5408119.0
L5320.0	505319.6	5408120.0	13224.90039	328.61	113.8	48.826037	-86.927523	56169.12	56250.3	-0.28	56168.84	56154.50000	56130.92238	56131.81641	505319.6	5408120.0
L5320.0	505319.6	5408120.0	13225.00000	327.44	111.91	48.826037	-86.927523	56168.92	56250.3	-0.28	56168.64	56154.37500	56129.55692	56130.44141	505319.6	5408120.0
L5320.0	505319.6	5408121.2	13225.09961	328.18	112.52	48.826048	-86.927523	56168.91	56250.3	-0.28	56168.63	56154.44531	56131.77399	56132.64844	505319.6	5408121.2
L5320.0	505319.6	5408122.6	13225.20020	329.21	114.35	48.826061	-86.927523	56168.84	56250.3	-0.27	56168.56	56154.45703	56132.73799	56133.60547	505319.6	5408122.6
L5320.0	505319.6	5408123.7	13225.29981	329.89	115.58	48.826071	-86.927523	56168.71	56250.3	-0.27	56168.44	56154.41797	56132.64175	56133.50000	505319.6	5408123.7
L5320.0	505319.6	5408125.0	13225.40039	329.37	115.58	48.826082	-86.927523	56168.56	56250.3	-0.26	56168.29	56154.35547	56131.87071	56132.72266	505319.6	5408125.0
L5320.0	505319.6	5408125.9	13225.50000	330.04	111.5	48.826090	-86.927523	56168.45	56250.3	-0.26	56168.19	56154.33984	56131.99140	56132.83594	505319.6	5408125.9
L5320.0	505319.6	5408126.7	13225.59961	328.13	111.5	48.826098	-86.927523	56168.33	56250.3	-0.26	56168.07	56154.30859	56131.64255	56132.48438	505319.6	5408126.7
L5320.0	505319.6	5408128.2	13225.70020	326.85	113.59	48.826111	-86.927523	56168.21	56250.3	-0.25	56167.96	56154.28906	56131.42219	56132.26172	505319.6	5408128.2
L5320.0	505319.6	5408128.2	13225.79981	329.82	109.41	48.826111	-86.927523	56168.10	56250.2	-0.25	56167.85	56154.27344	56131.14329	56131.98047	505319.6	5408128.2
L5320.0	505319.6	5408129.5	13225.90039	329.51	111.59	48.826123	-86.927523	56168.07	56250.2	-0.24	56167.83	56154.35156	56132.62244	56133.45703	505319.6	5408129.5
L5320.0	505319.6	5408130.8	13226.00000	329.66	111.59	48.826135	-86.927523	56167.94	56250.2	-0.24	56167.70	56154.31641	56131.85918	56132.69531	505319.6	5408130.8
L5320.0	505319.5	5408132.1	13226.09961	329.85	114.53	48.826147	-86.927523	56167.87	56250.2	-0.25	56167.62	56154.33594	56132.07263	56132.91016	505319.5	5408132.1
L5320.0	505319.5	5408133.0	13226.20020	331.59	115.41	48.826154	-86.927523	56167.81	56250.3	-0.25	56167.55	56154.36719	56132.46884	56133.30859	505319.5	5408133.0
L5320.0	505319.5	5408134.3	13226.29981	331.49	115.41	48.826166	-86.927524	56167.72	56250.3	-0.26	56167.46	56154.38281	56132.43856	56133.28125	505319.5	5408134.3
L5320.0	505319.5	5408135.8	13226.40039	334.15	114.25	48.826179	-86.927524	56167.56	56250.3	-0.26	56167.30	56154.32813	56130.94782	56131.79688	505319.5	5408135.8
L5320.0	505319.5	5408135.8	13226.50000	336.51	115.08	48.826179	-86.927524	56167.55	56250.3	-0.27	56167.28	56154.41406	56132.32988	56133.18359	505319.5	5408135.8
L5320.0	505319.5	5408138.0	13226.50000	336.51	115.08	48.826199	-86.927524	56167.44	56250.3	-0.27	56167.17	56154.41406	56131.84263	56132.70313	505319.5	5408138.0
L5320.0	505319.5	5408138.0	13226.70020	334.58	116.64	48.826199	-86.927524	56167.32	56250.3	-0.28	56167.04	56154.39453	56130.92842	56131.80078	505319.5	5408138.0
L5320.0	505319.5	5408139.1	13226.79981	333.59	116.77	48.826209	-86.927524	56167.28	56250.3	-0.29	56166.99	56154.45703	56131.67461	56132.55469	505319.5	5408139.1
L5320.0	505319.5	5408140.8	13226.90039	331.18	116.77	48.826224	-86.927524	56167.17	56250.3	-0.29	56166.87	56154.44922	56130.95618	56131.84766	505319.5	5408140.8
L5320.0	505319.5	5408140.8	13227.00000	330.07	108.29	48.826224	-86.927524	56167.08	56250.3	-0.30	56166.78	56154.47656	56130.86340	56131.76563	505319.5	5408140.8
L5320.0	505319.5	5408142.8	13227.09961	332.66	111.87	48.826243	-86.927524	56166.91	56250.3	-0.30	56166.61	56154.42578	56129.09587	56130.01172	505319.5	5408142.8
L5320.0	505319.5	5408143.9	13227.20020	333.22	116.94	48.826252	-86.927524	56166.95	56250.3	-0.30	56166.65	56154.58594	56131.73424	56132.66406	505319.5	5408143.9
L5320.0	505319.5	5408145.3	13227.29981	332.46	116.94	48.826265	-86.927524	56166.84	56250.3	-0.30	56166.54	56154.59766	56131.23321	56132.17578	505319.5	5408145.3
L5320.0	505319.5	5408146.0	13227.40039	330.07	114.54	48.826271	-86.927524	56166.84	56250.3	-0.30	56166.54	56154.71875	56133.04172	56134.00000	505319.5	5408146.0
L5320.0	505319.5	5408147.3	13227.50000	331.50	112.97	48.826283	-86.927524	56166.73	56250.3	-0.31	56166.42	56154.72266	56132.34117	56133.31641	505319.5	5408147.3
L5320.0	505319.5	5408147.3	13227.59961	330.91	112.97	48.826283	-86.927524	56166.74	56250.3	-0.31	56166.43	56154.85938	56134.35858	56135.35547	505319.5	5408147.3
L5320.0	505319.5	5408148.6	13227.70020	331.43	106.44	48.826294	-86.927524	56166.58	56250.3	-0.31	56166.28	56154.83594	56133.03451	56134.05078	505319.5	5408148.6

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5320.0	505319.5	5408149.7	13227.79981	331.01	107.87	48.826305	-86.927524	56166.55	56250.3	-0.31	56166.24	56154.92578	56134.00090	56135.03516	505319.5	5408149.7
L5320.0	505319.5	5408151.6	13227.90039	331.36	107.87	48.826321	-86.927524	56166.36	56250.3	-0.31	56166.05	56154.86719	56131.84508	56132.90234	505319.5	5408151.6
L5320.0	505319.5	5408152.9	13228.00000	329.20	113.19	48.826333	-86.927524	56166.38	56250.3	-0.31	56166.07	56155.01953	56134.04037	56135.11719	505319.5	5408152.9
L5320.0	505319.5	5408152.9	13228.09961	328.78	113.19	48.826333	-86.927524	56166.23	56250.3	-0.31	56165.92	56155.00000	56132.69992	56133.80078	505319.5	5408152.9
L5320.0	505319.5	5408154.5	13228.20020	328.11	113.02	48.826347	-86.927524	56166.20	56250.3	-0.31	56165.90	56155.11719	56134.03638	56135.16406	505319.5	5408154.5
L5320.0	505319.5	5408156.0	13228.29981	329.52	118.64	48.826361	-86.927524	56166.13	56250.3	-0.30	56165.83	56155.18359	56134.32281	56135.47266	505319.5	5408156.0
L5320.0	505319.5	5408156.0	13228.40039	329.75	116.9	48.826361	-86.927524	56166.12	56250.3	-0.30	56165.82	56155.30859	56135.83302	56137.01172	505319.5	5408156.0
L5320.0	505319.5	5408157.3	13228.50000	331.89	116.9	48.826373	-86.927524	56165.97	56250.3	-0.30	56165.67	56155.29688	56134.43292	56135.63672	505319.5	5408157.3
L5320.0	505319.5	5408158.4	13228.50000	331.89	114.86	48.826383	-86.927524	56165.88	56250.3	-0.30	56165.58	56155.34375	56134.25768	56135.48828	505319.5	5408158.4
L5320.0	505319.5	5408160.5	13228.70020	331.72	114.86	48.826402	-86.927524	56165.80	56250.3	-0.30	56165.50	56155.40625	56134.27757	56135.53906	505319.5	5408160.5
L5320.0	505319.5	5408160.5	13228.79981	331.69	118.45	48.826402	-86.927524	56165.77	56250.3	-0.29	56165.48	56155.52734	56135.53907	56136.82813	505319.5	5408160.5
L5320.0	505319.5	5408161.8	13228.90039	331.94	118.45	48.826414	-86.927523	56165.64	56250.3	-0.29	56165.35	56155.53906	56134.50485	56135.82422	505319.5	5408161.8
L5320.0	505319.5	5408163.1	13229.00000	332.15	105.7	48.826425	-86.927523	56165.72	56250.3	-0.29	56165.43	56155.76172	56137.86850	56139.22266	505319.5	5408163.1
L5320.0	505319.5	5408163.1	13229.09961	327.84	108.6	48.826425	-86.927523	56165.48	56250.3	-0.29	56165.18	56155.65625	56134.30918	56135.69531	505319.5	5408163.1
L5320.0	505319.5	5408164.8	13229.20020	328.15	108.6	48.826440	-86.927523	56165.56	56250.3	-0.29	56165.26	56155.87891	56137.71207	56139.12891	505319.5	5408164.8
L5320.0	505319.5	5408166.1	13229.29981	331.05	112.25	48.826452	-86.927523	56165.36	56250.3	-0.30	56165.06	56155.82422	56135.20035	56136.65234	505319.5	5408166.1
L5320.0	505319.5	5408167.5	13229.40039	332.54	107.11	48.826464	-86.927523	56165.44	56250.3	-0.30	56165.14	56156.05078	56138.66717	56140.15234	505319.5	5408167.5
L5320.0	505319.5	5408168.6	13229.50000	331.64	107.11	48.826474	-86.927523	56165.19	56250.3	-0.30	56164.89	56155.94531	56135.09268	56136.61328	505319.5	5408168.6
L5320.0	505319.5	5408168.6	13229.59961	333.29	106.49	48.826474	-86.927523	56165.19	56250.3	-0.30	56164.89	56156.09375	56136.90772	56138.46484	505319.5	5408168.6
L5320.0	505319.5	5408169.8	13229.70020	332.82	106.49	48.826485	-86.927523	56165.00	56250.3	-0.30	56164.69	56156.03906	56134.42194	56136.01563	505319.5	5408169.8
L5320.0	505319.5	5408171.1	13229.79981	334.06	108.63	48.826497	-86.927523	56164.96	56250.3	-0.31	56164.65	56156.14844	56135.43585	56137.06641	505319.5	5408171.1
L5320.0	505319.5	5408171.9	13229.90039	335.22	108.64	48.826504	-86.927523	56164.78	56250.3	-0.31	56164.47	56156.11719	56133.42241	56135.08984	505319.5	5408171.9
L5320.0	505319.5	5408173.5	13230.00000	334.99	108.64	48.826518	-86.927523	56164.78	56250.3	-0.31	56164.47	56156.26563	56135.39787	56137.10547	505319.5	5408173.5
L5320.0	505319.5	5408173.5	13230.09961	335.70	113.46	48.826518	-86.927523	56164.56	56250.3	-0.31	56164.25	56156.19531	56132.56497	56134.31250	505319.5	5408173.5
L5320.0	505319.5	5408175.1	13230.20020	333.54	113.46	48.826533	-86.927523	56164.56	56250.3	-0.31	56164.25	56156.34375	56134.64282	56136.42969	505319.5	5408175.1
L5320.0	505319.5	5408176.2	13230.29981	331.95	113.46	48.826542	-86.927523	56164.36	56250.3	-0.31	56164.05	56156.28906	56132.32914	56134.15625	505319.5	5408176.2
L5320.0	505319.5	5408177.4	13230.40039	330.28	113.17	48.826554	-86.927523	56164.43	56250.3	-0.31	56164.12	56156.50781	56136.07842	56137.94531	505319.5	5408177.4
L5320.0	505319.5	5408178.9	13230.50000	329.60	115.64	48.826567	-86.927523	56164.21	56250.3	-0.31	56163.90	56156.43750	56133.41129	56135.32031	505319.5	5408178.9
L5320.0	505319.5	5408178.9	13230.50000	329.60	114.98	48.826567	-86.927523	56164.22	56250.3	-0.31	56163.92	56156.60547	56136.15423	56138.10547	505319.5	5408178.9
L5320.0	505319.5	5408180.5	13230.70020	330.78	114.98	48.826582	-86.927523	56163.98	56250.3	-0.30	56163.67	56156.50391	56132.90890	56134.90234	505319.5	5408180.5
L5320.0	505319.5	5408182.0	13230.79981	334.35	116.01	48.826595	-86.927523	56164.06	56250.3	-0.30	56163.76	56156.74219	56137.31607	56139.35156	505319.5	5408182.0
L5320.0	505319.5	5408183.3	13230.90039	335.57	116.01	48.826607	-86.927523	56163.79	56250.3	-0.30	56163.49	56156.62109	56133.72020	56135.79688	505319.5	5408183.3
L5320.0	505319.5	5408184.6	13231.00000	335.89	117.17	48.826618	-86.927523	56163.83	56250.3	-0.30	56163.53	56156.80859	56137.09884	56139.22266	505319.5	5408184.6
L5320.0	505319.5	5408185.9	13231.09961	336.05	117.17	48.826630	-86.927523	56163.55	56250.3	-0.30	56163.25	56156.67578	56133.38027	56135.54688	505319.5	5408185.9
L5320.0	505319.5	5408185.9	13231.20020	337.08	113.57	48.826630	-86.927523	56163.50	56250.3	-0.30	56163.19	56156.76172	56134.61392	56136.82422	505319.5	5408185.9
L5320.0	505319.5	5408187.2	13231.29981	337.72	114.19	48.826642	-86.927523	56163.31	56250.3	-0.30	56163.01	56156.73047	56133.22176	56135.47656	505319.5	5408187.2
L5320.0	505319.5	5408187.2	13231.40039	334.24	114.19	48.826642	-86.927523	56163.22	56250.3	-0.30	56162.91	56156.77344	56133.65028	56135.94922	505319.5	5408187.2
L5320.0	505319.5	5408188.8	13231.50000	331.14	114.86	48.826656	-86.927523	56163.14	56250.3	-0.31	56162.84	56156.84766	56134.78055	56137.12500	505319.5	5408188.8
L5320.0	505319.5	5408190.2	13231.59961	331.30	114.86	48.826669	-86.927523	56163.09	56250.3	-0.31	56162.79	56156.94531	56136.38561	56138.77734	505319.5	5408190.2
L5320.0	505319.5	5408191.5	13231.70020	331.54	109.2	48.826681	-86.927523	56162.86	56250.3	-0.31	56162.56	56156.85547	56134.06657	56136.50391	505319.5	5408191.5
L5320.0	505319.5	5408192.9	13231.79981	331.16	109.2	48.826693	-86.927523	56162.82	56250.3	-0.31	56162.51	56156.94922	56135.74186	56138.22266	505319.5	5408192.9
L5320.0	505319.5	5408192.9	13231.90039	332.70	110.96	48.826693	-86.927523	56162.66	56250.3	-0.31	56162.35	56156.92969	56135.04175	56137.57031	505319.5	5408192.9
L5320.0	505319.5	5408194.7	13232.00000	333.65	110.96	48.826709	-86.927523	56162.51	56250.3	-0.31	56162.20	56156.92188	56134.59938	56137.17188	505319.5	5408194.7
L5320.0	505319.5	5408195.9	13232.09961	333.97	112.49	48.826720	-86.927523	56162.34	56250.3	-0.31	56162.03	56156.89063	56133.75988	56136.37891	505319.5	5408195.9
L5320.0	505319.5	5408197.4	13232.20020	332.55	114.52	48.826734	-86.927523	56162.31	56250.3	-0.32	56161.99	56156.98828	56135.77350	56138.44141	505319.5	5408197.4
L5320.0	505319.5	5408198.5	13232.29981	330.78	114.52	48.826743	-86.927523	56162.18	56250.3	-0.32	56161.86	56156.99609	56135.86545	56138.57813	505319.5	5408198.5
L5320.0	505319.5	5408198.5	13232.40039	330.63	114.52	48.826743	-86.927523	56162.08	56250.3	-0.32	56161.76	56157.03125	56136.63561	56139.39453	505319.5	5408198.5
L5320.0	505319.5	5408200.1	13232.50000	331.96	112.76	48.826758	-86.927523	56161.93	56250.3	-0.32	56161.61	56157.01953	56136.35873	56139.16406	505319.5	5408200.1
L5320.0	505319.5	5408201.1	13232.50000	331.96	111.27	48.826767	-86.927523	56161.77	56250.3	-0.32	56161.45	56156.99219	56135.89975	56138.75391	505319.5	5408201.1
L5320.0	505319.5	5408202.4	13232.70020	332.71	111.27	48.826779	-86.927522	56161.61	56250.3	-0.33	56161.27	56156.94141	56135.04422	56137.94531	505319.5	5408202.4
L5320.0	505319.5	5408202.4	13232.79981	332.76	112.04	48.826779	-86.927522	56161.54	56250.3	-0.33	56161.21	56157.01563	56136.78922	56139.73828	505319.5	5408202.4
L5320.0	505319.5	5408204.0	13232.90039	335.10	115.93	48.826793	-86.927522	56161.38	56250.3	-0.34	56161.04	56156.97266	56136.21099	56139.20703	505319.5	5408204.0
L5320.0	505319.5	5408205.2	13233.00000	335.14	115.93	48.826804	-86.927522	56161.21	56250.3	-0.34	56160.88	56156.94141	56135.87945	56138.92188	505319.5	5408205.2
L5320.0	505319.5	5408206.6	13233.09961	334.23	116.81	48.826816	-86.927522	56161.02	56250.3	-0.34	56160.68	56156.86719	56134.72752	56137.81641	505319.5	5408206.6
L5320.0	505319.5	5408207.8	13233.20020	334.53	116.81	48.826827	-86.927522	56160.84	56250.3	-0.34	56160.51	56156.82031	56134.24919	56137.38281	505319.5	5408207.8
L5320.0	505319.5	5408207.8	13233.29981	333.40	116.81	48.826827	-86.927522	56160.66	56250.3	-0.33	56160.32	56156.75391	56133.37750	56136.55859	505319.5	5408207.8
L5320.0	505319.5	5408209.3	13233.40039	330.97	116.81	48.826840	-86.927522	56160.59	56250.3	-0.33	56160.25	56156.80469	56135.09777	56138.32813	505319.5	5408209.3
L5320.0	505319.5	5408211.0	13233.50000	331.56	116.72	48.826856	-86.927523	56160.36	56250.3	-0.33	56160.03	56156.70313	56133.65131	56136.92578	505319.5	5408211.0
L5320.0	505319.5	5408211.0	13233.59961	332.72	116.72	48.826856	-86.927523	56160.28	56250.3	-0.33	56159.95	56156.74219	56135.22426	56138.54688	505319.5	5408211.0
L5320.0	505319.5	5408212.4	13233.70020	332.84	113.16	48.826868	-86.927523	56160.06	56250.3	-0.33	56159.73	56156.63672	56133.84072	56137.21094	505319.5	5408212.4
L5320.0	505319.5	5408213.6	13233.79981	331.80	113.16	48.826879	-86.927523	56160.00	56250.3	-0.32	56159.68	56156.69922	56136.12319	56139.53906	505319.5	5408213.6
L5320.0	505319.5	5408215.0	13233.90039	331.37	115.66	48.826892	-86.927523	56159.75	56250.3	-0.32	56159.43	56156.56250	56134.15997	56137.62109	505319.5	5408215.0
L5320.0	505319.5	5408216.4	13234.00000	330.84	117.58	48.826905	-86.927523	56159.65	56250.3	-0.32	56159.33	56156.57031	56135.44252	56138.94922	505319.5	5408216.4
L5320.0	505319.5	5408216.4	13234.09961	332.81	117.58	48.826905	-86.927523	56159.43	56250.3	-0.32	56159.11	56156.45703	56134.18212	56137.73438	505319.5	5408216.4
L5320.0	505319.5	5408218.2	13234.20020	332.71	116.36	48.826921	-86.927523	56159.34	56250.3	-0.33	56159.02	56156.47266	56135.75211	56139.35156	505319.5	5408218.2
L5320.0	505319.5	5408219.2	13234.29981	332.59	116.36	48.826930	-86.927523	56159.14	56250.3	-0.33	56158.81	56156.36719	56134.76955	56138.41406	505319.5	5408219.2
L5320.0	505319.5	5408220.5	13234.40039	332.81	117.18	48.826942	-86.927523	56159.09	56250.3	-0.34	56158.75	56156.40625	56137.06921	56140.75781	505319.5	5408220.5
L5320.0	505319.5	5408221.8	13234.50000	333.14	117.18	48.826953	-86.927523	56158.70	56250.3	-0.34	56158.36	56156.11719	56132.23793	56135.97266	505319.5	5408221.8
L5320.0	505319.5	5408221.8	13234.50000	333.14	117.83	48.826953	-86.927523	56158.56	56250.3	-0.34	56158.22	56156.07422	56132.86959	56136.64844	505319.5	5408221.8
L5320.0	505319.5	5408222.9	13234.59961	333.62	118.23	48.826963	-86.927523	56158.34	56250.3	-0.34	56158.00	56155.94531	56131.78945	56135.61328	505319.5	5408222.9
L5320.0	505319.5	5408224.5	13234.79981	333.76	118.23	48.826977	-86.927523	56158.24	56250.4	-0.35	56157.89	56155.92969	56133.16130	56137.02734	505319.5	5408224.5
L5320.0	505319.5	5408224.5	13234.90039	333.85	105.75	48.826977	-86.927523	56157.97	56250.4	-0.36	56157.62	56155.75000	56131.04894	56134.96094	505319.5	5408224.5
L5320.0	505319.5	5408226.2	13235.00000	332.80	117.19	48.826993	-86.927523	56157.88	56250.4	-0.36	56157.52	56155.73438	56132.73589	56136.69141	505319.5	5408226.2
L5320.0	505319.5	5408227.7	13235.09961	330.97	117.19	48.827006	-86.927523	56157.61	56250.4	-0.36	56157.24	56155.53906	56130.47117	56134.46875	505319.5	5408227.7
L5320.0	505319.5	5408229.1	13235.20020	331.47	114.01	48.827018	-86.927523	56157.48	56250.4	-0.36	56157.11	56155.49219	56131.59155	56135.63281	505319.5	5408229.1
L5320.0	505319.5	5408229.1	13235.29981	334.34	114.01	48.827018	-86.927523	56157.22	56250.4	-0.37	56156.86	56155.32422	56130.07541	56134.15625	505319.5	5408229.1
L5320.0	505319.5	5408230.3	13235.40039	336.14	116.67	48.827030	-86.927523	56156.99	56250.4	-0.37	56156.62	56155.16016	56128.82419	56132.94922	505319.5	5408230.3
L5320.0	505319.5	5408231.8	13235.50000	336.05	114.31	48.827043	-86.927523	56156.79	56250.4	-0.37	56156.42	56155.03516	56128.52107	56132.68750	505319.5	5408231.8
L5320.0	505319.5	5408232.8	13235.59961	334.99	114.31	48.827052	-86.927523	56156.69	56250.4	-0.37	56156.32	56155.00781	56130.53628	56134.74609	505319.5	5408232.8
L5320.0	505319.5	5408234.4	13235.70020	333.95	114.78	48.827066	-86.927522	56156.48	56250.4	-0.37	56156.11	56154.86719	56130.11571	56134.36719	505319.5	5408234.4
L5320.0	505319.5	5408235.5	13235.79981	334.17	114.35	48.827076	-86.927522	56156.24	56250.4	-0.38	56155.87	56154.69531	56129.06299	56133.35156	505319.5	5408235.5
L5320.0	505319.5	5408236.6	13235.90039	336.18	114.35	48.827086	-86.927522	56156.03	56250.4	-0.38	56155.65	56154.53906	56128.51519	56132.84766	505319.5	5408236.6
L5320.0	505319.5	5408236.6	13236.00000	336.29	116.08	48.827086	-86.927522	56155.89	56250.4	-0.38	56155.51	56154.46094	56129.84626	56134.21875	505319.5	5408236.6
L5320.0	505319.5	5408238.4	13236.09961	335.57	116.08	48.827102	-86.927522	56155.60	56250.4	-0.38	56155.22	56154.23047	56127.80097	56132.21094	505319.5	5408238.4
L5320.0	505319.5	5408239.7	13236.20020	335.19	112.19	48.827115	-86.927522	56155.48	56250.4	-0.38	56155.10	56154.16797	56129.69662	56134.14844	505319.5	5408239.7
L5320.0	505319.5	5408240.9	13236.29981	335.84	116.05	48.827125	-86.927522	56155.23	56250.4	-0.37	56154.85	56153.97266	56128.66859	56133.15625	505319.5	5408240.9
L5320.0	505319.5	5408240.9	13236.40039	336.29	116.05	48.827125	-86.927522	56155.04	56250.4	-0.37	56154.67	56153.84766	56129.29605	56133.82422	505319.5	5408240.9
L5320.0	505319.5	5408242.3	13236.50000	336.59	115.49	48.827137	-86.927522	56154.74	56250.4	-0.37	56154.37	56153.59375	56127.22619	56131.79297	505319.5	5408242.3
L5320.0	505319.5	5408243.6	13236.50000	336.59	115.49	48.827149	-86.927522	56154.57	56250.4	-0.37	56154.20	56153.47266	56128.18621	56132.78906	505319.5	5408243.6
L5320.0	505319.5	5408244.8	13236.70020	336.59	111.81	48.827160	-86.927522	56154.32	56250.4	-0.37	56153.95	56153.26563	56127.36631	56132.00781	505319.5	5408244.8
L5320.0	505319.5	5408246.4	13236.79981	334.52	111.81	48.827174	-86.927522	56154.06	56250.4	-0.36	56153.70	56153.05859	56126.59953	56131.27734	505319.5	5408246.4
L5320.0	505319.5	5408247.5	13236.90039	333.92	112.89	48.827184	-86.927522	56153.91	56250.4	-0.36	56153.54	56152.93750	56127.93834	56132.65234	505319.5	5408247.5
L5320.0	505319.5	5408247.5	13237.00000	333.79	112.89	48.827184	-86.927522	56153.69	56250.4	-0.36	56153.33	56152.76563	56128.18438	56132.93359	505319.5	5408247.5

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5320.0	505319.5	5408249.0	13237.09961	333.69	113.84	48.827198	-86.927522	56153.40	56250.4	-0.36	56153.04	56152.50781	56126.66274	56131.44922	505319.5	5408249.0
L5320.0	505319.5	5408250.5	13237.20020	333.85	114.69	48.827211	-86.927522	56153.15	56250.4	-0.36	56152.79	56152.28906	56126.10369	56130.92578	505319.5	5408250.5
L5320.0	505319.5	5408252.1	13237.29981	335.75	114.69	48.827225	-86.927522	56152.93	56250.4	-0.36	56152.57	56152.09766	56126.27219	56131.12891	505319.5	5408252.1
L5320.0	505319.5	5408252.1	13237.40039	334.00	113.52	48.827225	-86.927522	56152.69	56250.4	-0.36	56152.33	56151.88281	56126.03500	56130.92578	505319.5	5408252.1
L5320.0	505319.5	5408253.2	13237.50000	335.69	113.52	48.827235	-86.927522	56152.57	56250.4	-0.36	56152.21	56151.78906	56128.53247	56133.45703	505319.5	5408253.2
L5320.0	505319.5	5408254.9	13237.59961	335.54	112.55	48.827251	-86.927522	56152.29	56250.4	-0.36	56151.93	56151.52734	56127.47993	56132.43750	505319.5	5408254.9
L5320.0	505319.5	5408256.2	13237.70020	334.36	113.24	48.827263	-86.927522	56152.02	56250.4	-0.36	56151.66	56151.27734	56126.69656	56131.68750	505319.5	5408256.2
L5320.0	505319.5	5408256.2	13237.79981	334.52	113.24	48.827263	-86.927522	56151.78	56250.4	-0.36	56151.42	56151.05469	56126.62115	56131.64453	505319.5	5408256.2
L5320.0	505319.5	5408257.4	13237.90039	335.37	113.46	48.827273	-86.927522	56151.52	56250.4	-0.36	56151.16	56150.80859	56126.14042	56131.19531	505319.5	5408257.4
L5320.0	505319.5	5408258.7	13238.00000	335.43	110.52	48.827285	-86.927522	56151.24	56250.4	-0.36	56150.88	56150.53906	56125.25767	56130.34766	505319.5	5408258.7
L5320.0	505319.5	5408260.0	13238.09961	333.53	110.52	48.827297	-86.927522	56151.00	56250.4	-0.36	56150.63	56150.29688	56125.07293	56130.19141	505319.5	5408260.0
L5320.0	505319.5	5408261.4	13238.20020	331.92	115.4	48.827309	-86.927522	56150.79	56250.4	-0.36	56150.43	56150.10547	56126.01603	56131.16797	505319.5	5408261.4
L5320.0	505319.5	5408262.2	13238.29981	331.10	114.91	48.827316	-86.927522	56150.46	56250.4	-0.37	56150.10	56149.77734	56124.15122	56129.33203	505319.5	5408262.2
L5320.0	505319.5	5408263.6	13238.40039	332.45	114.91	48.827329	-86.927522	56150.22	56250.4	-0.37	56149.85	56149.53125	56124.06843	56129.28125	505319.5	5408263.6
L5320.0	505319.5	5408263.6	13238.50000	333.57	113.68	48.827329	-86.927522	56150.04	56250.4	-0.37	56149.67	56149.34766	56125.53528	56130.77734	505319.5	5408263.6
L5320.0	505319.5	5408265.3	13238.50000	333.57	113.68	48.827344	-86.927522	56149.79	56250.4	-0.37	56149.42	56149.09766	56125.51202	56130.78125	505319.5	5408265.3
L5320.0	505319.5	5408266.6	13238.70020	332.31	114.55	48.827356	-86.927522	56149.53	56250.4	-0.37	56149.15	56148.82031	56125.08830	56130.38672	505319.5	5408266.6
L5320.0	505319.5	5408267.9	13238.79981	331.54	114.55	48.827368	-86.927523	56149.26	56250.4	-0.38	56148.88	56148.54297	56124.69651	56130.02344	505319.5	5408267.9
L5320.0	505319.5	5408267.9	13238.90039	332.15	113.73	48.827368	-86.927523	56148.98	56250.4	-0.38	56148.60	56148.25391	56124.12064	56129.47656	505319.5	5408267.9
L5320.0	505319.5	5408269.4	13239.00000	332.59	113.73	48.827382	-86.927523	56148.75	56250.4	-0.38	56148.37	56148.01172	56124.64929	56130.03125	505319.5	5408269.4
L5320.0	505319.5	5408270.6	13239.09961	333.56	114.34	48.827392	-86.927523	56148.42	56250.4	-0.38	56148.04	56147.66797	56123.06142	56128.46875	505319.5	5408270.6
L5320.0	505319.4	5408271.9	13239.20020	332.51	115.33	48.827404	-86.927523	56148.16	56250.4	-0.38	56147.78	56147.39063	56123.00546	56128.44141	505319.4	5408271.9
L5320.0	505319.4	5408272.8	13239.29981	332.43	115.33	48.827412	-86.927523	56147.90	56250.4	-0.38	56147.52	56147.11328	56122.98001	56128.44141	505319.4	5408272.8
L5320.0	505319.4	5408274.1	13239.40039	332.00	115.25	48.827424	-86.927523	56147.64	56250.4	-0.38	56147.26	56146.83203	56122.98636	56128.47266	505319.4	5408274.1
L5320.0	505319.4	5408274.1	13239.50000	332.45	116.15	48.827424	-86.927523	56147.36	56250.4	-0.38	56146.98	56146.53125	56122.59772	56128.10938	505319.4	5408274.1
L5320.0	505319.4	5408275.6	13239.59961	334.21	116.15	48.827437	-86.927523	56147.11	56250.4	-0.38	56146.73	56146.25781	56122.88546	56128.42188	505319.4	5408275.6
L5320.0	505319.4	5408277.4	13239.70020	334.18	112.57	48.827453	-86.927523	56146.86	56250.4	-0.38	56146.48	56145.98047	56123.20865	56128.76953	505319.4	5408277.4
L5320.0	505319.4	5408277.4	13239.79981	332.69	109.39	48.827453	-86.927523	56146.54	56250.4	-0.38	56146.16	56145.63281	56122.07019	56127.65625	505319.4	5408277.4
L5320.0	505319.4	5408278.9	13239.90039	332.05	109.39	48.827467	-86.927523	56146.32	56250.4	-0.38	56145.94	56145.38281	56123.11007	56128.71875	505319.4	5408278.9
L5320.0	505319.5	5408280.6	13240.00000	332.06	111.62	48.827482	-86.927523	56145.99	56250.4	-0.38	56145.61	56145.02344	56121.83300	56127.46484	505319.5	5408280.6
L5320.0	505319.5	5408281.8	13240.09961	333.81	114.41	48.827493	-86.927523	56145.76	56250.4	-0.38	56145.38	56144.75781	56122.73518	56128.39063	505319.5	5408281.8
L5320.0	505319.5	5408282.6	13240.20020	334.50	114.41	48.827500	-86.927522	56145.41	56250.4	-0.38	56145.02	56144.36328	56120.89140	56126.56641	505319.5	5408282.6
L5320.0	505319.5	5408283.9	13240.29981	333.00	114.39	48.827512	-86.927522	56145.08	56250.4	-0.38	56144.70	56144.00781	56119.94062	56125.63672	505319.5	5408283.9
L5320.0	505319.5	5408285.3	13240.40039	332.92	110.78	48.827524	-86.927522	56144.81	56250.4	-0.38	56144.43	56143.69922	56120.09661	56125.81641	505319.5	5408285.3
L5320.0	505319.5	5408285.3	13240.50000	333.45	110.78	48.827524	-86.927522	56144.47	56250.4	-0.38	56144.08	56143.30859	56118.57098	56124.31250	505319.5	5408285.3
L5320.0	505319.5	5408286.6	13240.50000	333.45	114.91	48.827536	-86.927522	56144.15	56250.4	-0.38	56143.77	56142.95703	56117.93561	56123.69531	505319.5	5408286.6
L5320.0	505319.5	5408287.9	13240.70020	331.77	114.91	48.827547	-86.927522	56143.89	56250.4	-0.39	56143.50	56142.64453	56118.19259	56123.97266	505319.5	5408287.9
L5320.0	505319.5	5408289.4	13240.79981	330.81	114.91	48.827561	-86.927521	56143.70	56250.4	-0.39	56143.31	56142.41016	56120.20708	56126.00781	505319.5	5408289.4
L5320.0	505319.5	5408289.4	13240.90039	331.94	117.52	48.827561	-86.927521	56143.44	56250.4	-0.39	56143.05	56142.10156	56120.75316	56126.57031	505319.5	5408289.4
L5320.0	505319.6	5408292.1	13241.00000	332.84	117.52	48.827585	-86.927521	56143.08	56250.4	-0.39	56142.69	56141.69531	56119.17467	56125.01172	505319.6	5408292.1
L5320.0	505319.6	5408292.1	13241.09961	332.55	117.52	48.827585	-86.927521	56142.96	56250.4	-0.39	56142.57	56141.52734	56122.82929	56128.68359	505319.6	5408292.1
L5320.0	505319.6	5408293.8	13241.20020	332.67	117.52	48.827601	-86.927521	56142.58	56250.4	-0.39	56142.19	56141.09766	56120.89436	56126.76563	505319.6	5408293.8
L5320.0	505319.6	5408295.3	13241.29981	332.64	117.52	48.827614	-86.927521	56142.35	56250.4	-0.39	56141.95	56140.80469	56122.04470	56127.93359	505319.6	5408295.3
L5320.0	505319.6	5408295.3	13241.40039	334.34	117.52	48.827614	-86.927521	56141.86	56250.4	-0.39	56141.47	56140.27344	56118.00755	56123.91406	505319.6	5408295.3
L5320.0	505319.6	5408296.6	13241.50000	333.47	117.52	48.827626	-86.927520	56141.60	56250.4	-0.40	56141.20	56139.94922	56118.59693	56124.51953	505319.6	5408296.6
L5320.0	505319.6	5408296.6	13241.59961	331.82	117.52	48.827626	-86.927520	56141.16	56250.4	-0.40	56140.77	56139.46484	56115.73134	56121.67188	505319.6	5408296.6
L5320.0	505319.6	5408298.6	13241.70020	331.92	117.52	48.827644	-86.927520	56140.88	56250.4	-0.40	56140.48	56139.12109	56115.98346	56121.93750	505319.6	5408298.6
L5320.0	505319.6	5408300.2	13241.79981	331.62	117.52	48.827658	-86.927520	56140.43	56250.4	-0.40	56140.03	56138.61328	56112.77276	56118.74219	505319.6	5408300.2
L5320.0	505319.6	5408301.5	13241.90039	332.03	117.52	48.827670	-86.927520	56140.20	56250.4	-0.40	56139.80	56138.32813	56114.45626	56120.44141	505319.6	5408301.5
L5320.0	505319.6	5408301.5	13242.00000	332.79	117.52	48.827670	-86.927520	56139.77	56250.4	-0.40	56139.37	56137.83984	56111.79507	56117.79297	505319.6	5408301.5
L5320.0	505319.7	5408302.8	13242.09961	334.65	117.52	48.827682	-86.927520	56139.62	56250.4	-0.40	56139.22	56137.62891	56115.35950	56121.37109	505319.7	5408302.8
L5320.0	505319.7	5408304.8	13242.20020	336.30	117.52	48.827699	-86.927520	56139.17	56250.4	-0.40	56138.77	56137.11719	56112.37273	56118.39844	505319.7	5408304.8
L5320.0	505319.7	5408304.8	13242.29981	336.55	117.52	48.827699	-86.927520	56138.98	56250.4	-0.39	56138.58	56136.86719	56115.16918	56121.20703	505319.7	5408304.8
L5320.0	505319.7	5408306.1	13242.40039	337.33	117.52	48.827711	-86.927519	56138.54	56250.4	-0.39	56138.14	56136.36719	56112.52047	56118.57031	505319.7	5408306.1
L5320.0	505319.7	5408307.6	13242.50000	335.58	117.52	48.827725	-86.927519	56138.35	56250.4	-0.39	56137.96	56136.12500	56115.64516	56121.70703	505319.7	5408307.6
L5320.0	505319.7	5408308.7	13242.50000	335.58	117.52	48.827735	-86.927519	56137.88	56250.4	-0.39	56137.49	56135.58984	56112.45859	56118.53516	505319.7	5408308.7
L5320.0	505319.7	5408308.7	13242.70020	334.83	117.52	48.827735	-86.927519	56137.65	56250.4	-0.39	56137.26	56135.29688	56114.59016	56120.67578	505319.7	5408308.7
L5320.0	505319.7	5408310.5	13242.79981	331.53	117.52	48.827751	-86.927519	56137.24	56250.4	-0.38	56136.85	56134.82422	56112.83758	56118.93359	505319.7	5408310.5
L5320.0	505319.7	5408312.1	13242.90039	331.57	130	48.827765	-86.927519	56136.88	56250.4	-0.38	56136.50	56134.41016	56112.45340	56118.55859	505319.7	5408312.1
L5320.0	505319.7	5408312.1	13243.00000	332.06	130	48.827765	-86.927519	56136.50	56250.4	-0.38	56136.12	56133.96484	56111.47263	56117.58984	505319.7	5408312.1
L5320.0	505319.7	5408313.4	13243.09961	331.29	130	48.827777	-86.927519	56136.18	56250.4	-0.38	56135.79	56133.57031	56111.63266	56117.75781	505319.7	5408313.4
L5320.0	505319.7	5408314.5	13243.20020	332.15	130	48.827787	-86.927519	56135.75	56250.4	-0.39	56135.37	56133.08203	56109.90056	56116.03516	505319.7	5408314.5
L5320.0	505319.7	5408316.1	13243.29981	330.58	130	48.827801	-86.927518	56135.44	56250.4	-0.39	56135.05	56132.69531	56110.38494	56116.52734	505319.7	5408316.1
L5320.0	505319.7	5408317.4	13243.40039	330.30	130	48.827813	-86.927518	56134.99	56250.4	-0.39	56134.60	56132.17969	56108.12805	56114.27734	505319.7	5408317.4
L5320.0	505319.7	5408317.4	13243.50000	331.70	130	48.827813	-86.927518	56134.69	56250.4	-0.40	56134.29	56131.80469	56108.93370	56115.09375	505319.7	5408317.4
L5320.0	505319.7	5408318.9	13243.59961	333.64	130	48.827827	-86.927518	56134.36	56250.4	-0.40	56133.96	56131.40625	56109.36068	56115.52734	505319.7	5408318.9
L5320.0	505319.7	5408320.3	13243.70020	333.27	130	48.827840	-86.927518	56134.16	56250.4	-0.40	56133.76	56131.14063	56112.60070	56118.77344	505319.7	5408320.3
L5320.0	505319.7	5408321.4	13243.79981	332.12	130	48.827849	-86.927518	56133.73	56250.4	-0.40	56133.33	56130.64063	56110.99481	56117.17188	505319.7	5408321.4
L5320.0	505319.8	5408322.8	13243.90039	331.44	130	48.827861	-86.927518	56133.39	56250.4	-0.41	56132.99	56130.23438	56111.34635	56117.53125	505319.8	5408322.8
L5320.0	505319.8	5408322.8	13244.00000	330.09	130	48.827861	-86.927518	56133.01	56250.4	-0.41	56132.60	56129.77734	56110.68427	56116.87500	505319.8	5408322.8
L5320.0	505319.8	5408324.3	13244.09961	330.72	130	48.827875	-86.927518	56132.66	56250.4	-0.41	56132.25	56129.35938	56110.90660	56117.10156	505319.8	5408324.3
L5320.0	505319.8	5408325.9	13244.20020	333.02	130	48.827889	-86.927518	56132.08	56250.4	-0.41	56131.67	56128.71094	56106.33618	56112.53516	505319.8	5408325.9
L5320.0	505319.8	5408327.2	13244.29981	333.65	130	48.827901	-86.927518	56131.81	56250.4	-0.41	56131.39	56128.36328	56108.10816	56114.30859	505319.8	5408327.2
L5320.0	505319.8	5408327.2	13244.40039	333.56	130	48.827901	-86.927518	56131.32	56250.4	-0.41	56130.91	56127.81641	56105.71659	56111.92188	505319.8	5408327.2
L5320.0	505319.8	5408328.7	13244.50000	333.03	130	48.827915	-86.927518	56130.99	56250.4	-0.42	56130.57	56127.40625	56106.30061	56112.50781	505319.8	5408328.7
L5320.0	505319.8	5408330.1	13244.50000	333.03	130	48.827927	-86.927517	56130.58	56250.4	-0.42	56130.17	56126.93750	56105.65740	56111.86719	505319.8	5408330.1
L5320.0	505319.8	5408331.8	13244.59961	330.76	130	48.827943	-86.927517	56130.21	56250.4	-0.42	56129.80	56126.50000	56105.68549	56111.89844	505319.8	5408331.8
L5320.0	505319.8	5408331.8	13244.79981	330.52	130	48.827943	-86.927517	56129.88	56250.4	-0.42	56129.46	56126.09375	56106.39853	56112.61328	505319.8	5408331.8
L5320.0	505319.8	5408333.4	13244.90039	332.03	130	48.827957	-86.927517	56129.56	56250.4	-0.42	56129.14	56125.70703	56107.59814	56113.81250	505319.8	5408333.4
L5320.0	505319.8	5408335.0	13245.00000	329.86	130	48.827971	-86.927517	56129.13	56250.4	-0.42	56128.71	56125.20703	56106.51788	56112.73047	505319.8	5408335.0
L5320.0	505319.8	5408335.0	13245.09961	328.70	130	48.827971	-86.927517	56128.74	56250.4	-0.42	56128.32	56124.75000	56106.35425	56112.56641	505319.8	5408335.0
L5320.0	505319.8	5408336.3	13245.20020	328.46	130	48.827983	-86.927517	56128.28	56250.4	-0.42	56127.86	56124.22266	56104.75293	56110.96484	505319.8	5408336.3
L5320.0	505319.8	5408338.1	13245.29981	329.47	130	48.828000	-86.927517	56127.88	56250.4	-0.43	56127.45	56123.74609	56104.29644	56110.50781	505319.8	5408338.1
L5320.0	505319.8	5408338.1	13245.40039	332.55	130	48.828000	-86.927517	56127.40	56250.4	-0.43	56126.97	56123.19922	56102.39726	56108.60547	505319.8	5408338.1
L5320.0	505319.8	5408341.0	13245.50000	335.56	130	48.828025	-86.927517	56127.02	56250.4	-0.43	56126.59	56122.75391	56102.74387	56108.95313	505319.8	5408341.0
L5320.0	505319.8	5408341.0	13245.59961	335.42	130	48.828025	-86.927517	56126.54	56250.4	-0.43	56126.11	56122.20703	56100.99432	56107.19922	505319.8	5408341.0
L5320.0	505319.8	5408342.4	13245.70020	334.10	114.89	48.828038	-86.927517	56126.23	56250.4	-0.43	56125.79	56121.82422	56102.81741	56109.01953	505319.8	5408342.4
L5320.0	505319.8	5408343.9	13245.79981	335.81	117.76	48.828051	-86.927517	56125.76	56250.4	-0.44	56125.32	56121.28516	56101.44633	56107.64453	505319.8	5408343.9
L5320.0	505319.8	5408343.9	13245.90039	335.94	117.76	48.828051	-86.927517	56125.38	56250.4	-0.44	56124.94	56120.83984	56102.12523	56108.32031	505319.8	5408343.9
L5320.0	505319.9	5408345.2	13246.00000	337.49	117.76	48.828063	-86.927516	56124.90	56250.4	-0.44	56124.46	56120.29688	56100.69346	56106.88281	505319.9	5408345.2
L5320.0	505319.9	5408346.5	13246.09961	336.95	117.76	48.828075	-86.927516	56124.54	56250.4	-0.44	56124.10	56119.87109	56101.97728	56108.16016	505319.9	5408346.5
L5320.0	505319.9	5408347.6	13246.20020	335.49	117.3	48.828085	-86.927516	56124.06	56250.4	-0.44	56123.63	56119.33594	56100.93011	56107.10547	505319.9	5408347.6
L5320.0	505319.9	5408347.6	13246.29981	335.31	117.3	48.828085	-86.927516	56123.61	56250.4	-0.43	56123.17	56118.81250	56100.18884	56106.35938	505319.9	5408347.6

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5320.0	505319.9	5408349.0	13246.40039	334.70	117.11	48.828097	-86.927516	56123.18	56250.4	-0.43	56122.75	56118.32813	56100.41523	56106.57813	505319.9	5408349.0
L5320.0	505319.9	5408350.5	13246.50000	333.22	117.11	48.828111	-86.927516	56122.67	56250.4	-0.43	56122.24	56117.75781	56098.75513	56104.91016	505319.9	5408350.5
L5320.0	505319.9	5408351.9	13246.50000	333.22	117.11	48.828123	-86.927516	56122.29	56250.4	-0.43	56121.86	56117.31250	56100.04303	56106.19141	505319.9	5408351.9
L5320.0	505319.9	5408351.9	13246.70020	331.33	117.11	48.828123	-86.927516	56121.76	56250.4	-0.43	56121.33	56116.72266	56098.13526	56104.27344	505319.9	5408351.9
L5320.0	505319.9	5408354.0	13246.79981	328.74	117.11	48.828143	-86.927516	56121.31	56250.4	-0.42	56120.89	56116.21875	56098.29383	56104.42188	505319.9	5408354.0
L5320.0	505319.9	5408355.3	13246.90039	330.66	117.11	48.828154	-86.927516	56120.85	56250.4	-0.42	56120.43	56115.69531	56098.10550	56104.22656	505319.9	5408355.3
L5320.0	505319.9	5408355.3	13247.00000	331.59	117.11	48.828154	-86.927516	56120.39	56250.4	-0.42	56119.97	56115.17578	56098.00464	56104.11328	505319.9	5408355.3
L5320.0	505319.9	5408356.6	13247.09961	330.34	117.11	48.828165	-86.927516	56119.89	56250.4	-0.42	56119.47	56114.61328	56097.11907	56103.21484	505319.9	5408356.6
L5320.0	505319.9	5408358.1	13247.20020	331.84	117.11	48.828179	-86.927516	56119.39	56250.4	-0.42	56118.96	56114.04297	56096.10023	56102.18750	505319.9	5408358.1
L5320.0	505319.9	5408359.4	13247.29981	332.54	117.11	48.828191	-86.927516	56118.90	56250.4	-0.43	56118.47	56113.49219	56095.59382	56101.66797	505319.9	5408359.4
L5320.0	505319.9	5408359.4	13247.40039	332.09	117.11	48.828191	-86.927516	56118.42	56250.4	-0.43	56117.99	56112.95313	56095.37914	56101.44141	505319.9	5408359.4
L5320.0	505319.9	5408361.4	13247.50000	333.29	117.11	48.828209	-86.927516	56117.98	56250.4	-0.43	56117.55	56112.45313	56096.10269	56102.15234	505319.9	5408361.4
L5320.0	505319.9	5408362.9	13247.59961	334.31	117.11	48.828223	-86.927516	56117.48	56250.4	-0.43	56117.05	56111.89063	56095.60097	56101.63672	505319.9	5408362.9
L5320.0	505319.9	5408362.9	13247.70020	335.26	117.11	48.828223	-86.927516	56116.95	56250.4	-0.43	56116.52	56111.30078	56094.52456	56100.54297	505319.9	5408362.9
L5320.0	505319.9	5408364.3	13247.79981	335.44	117.11	48.828235	-86.927516	56116.40	56250.4	-0.44	56115.97	56110.69141	56093.09159	56099.09766	505319.9	5408364.3
L5320.0	505319.9	5408365.8	13247.90039	336.52	117.11	48.828249	-86.927516	56115.91	56250.4	-0.44	56115.48	56110.14453	56093.04753	56099.03516	505319.9	5408365.8
L5320.0	505319.9	5408367.2	13248.00000	334.58	117.11	48.828261	-86.927516	56115.36	56250.4	-0.44	56114.92	56109.52734	56091.56601	56097.53906	505319.9	5408367.2
L5320.0	505319.9	5408368.5	13248.09961	333.13	117.11	48.828273	-86.927516	56114.83	56250.4	-0.44	56114.39	56108.93750	56090.83436	56096.78906	505319.9	5408368.5
L5320.0	505319.9	5408368.5	13248.20020	331.76	117.11	48.828273	-86.927516	56114.27	56250.4	-0.44	56113.83	56108.32031	56089.54386	56095.48438	505319.9	5408368.5
L5320.0	505319.9	5408370.1	13248.29981	333.57	117.11	48.828287	-86.927516	56113.66	56250.4	-0.44	56113.22	56107.65234	56087.25187	56093.17188	505319.9	5408370.1
L5320.0	505319.9	5408370.1	13248.40039	334.90	117.11	48.828287	-86.927516	56113.18	56250.4	-0.44	56112.74	56107.11328	56087.94766	56093.85156	505319.9	5408370.1
L5320.0	505319.9	5408371.9	13248.50000	335.26	117.11	48.828303	-86.927516	56112.66	56250.4	-0.44	56112.22	56106.53516	56087.87889	56093.76172	505319.9	5408371.9
L5320.0	505319.9	5408373.2	13248.50000	335.26	117.11	48.828315	-86.927516	56112.06	56250.4	-0.44	56111.62	56105.87891	56086.15065	56092.01563	505319.9	5408373.2
L5320.0	505319.9	5408373.2	13248.70020	334.60	117.11	48.828315	-86.927516	56111.59	56250.4	-0.44	56111.15	56105.35156	56087.44610	56093.28906	505319.9	5408373.2
L5320.0	505319.9	5408374.5	13248.79981	334.48	117.11	48.828327	-86.927516	56110.99	56250.4	-0.44	56110.55	56104.69531	56085.96562	56091.78906	505319.9	5408374.5
L5320.0	505319.9	5408376.0	13248.90039	335.33	117.11	48.828340	-86.927516	56110.53	56250.4	-0.44	56110.09	56104.17969	56087.73939	56093.54297	505319.9	5408376.0
L5320.0	505319.9	5408376.9	13249.00000	335.07	117.11	48.828348	-86.927516	56109.92	56250.4	-0.44	56109.48	56103.51563	56086.28531	56092.06641	505319.9	5408376.9
L5320.0	505319.9	5408378.5	13249.09961	333.70	117.11	48.828362	-86.927516	56109.43	56250.4	-0.44	56109.00	56102.97656	56087.86048	56093.61719	505319.9	5408378.5
L5320.0	505319.9	5408378.5	13249.20020	334.12	117.11	48.828362	-86.927516	56108.76	56250.4	-0.44	56108.32	56102.24219	56085.09376	56090.82813	505319.9	5408378.5
L5320.0	505319.9	5408380.1	13249.29981	333.41	117.11	48.828377	-86.927516	56108.15	56250.4	-0.44	56107.71	56101.57422	56084.01682	56089.73047	505319.9	5408380.1
L5320.0	505319.9	5408381.4	13249.40039	335.42	117.11	48.828389	-86.927516	56107.50	56250.4	-0.44	56107.06	56100.87109	56082.17591	56087.86328	505319.9	5408381.4
L5320.0	505319.9	5408382.9	13249.50000	336.33	117.11	48.828402	-86.927516	56106.96	56250.4	-0.43	56106.52	56100.27344	56082.89789	56088.56250	505319.9	5408382.9
L5320.0	505319.9	5408383.8	13249.59961	334.86	107.47	48.828411	-86.927516	56106.28	56250.4	-0.43	56105.84	56099.53906	56080.63809	56086.27734	505319.9	5408383.8
L5320.0	505319.9	5408385.0	13249.70020	334.86	107.47	48.828421	-86.927516	56105.65	56250.4	-0.43	56105.21	56098.85156	56079.60472	56085.21875	505319.9	5408385.0
L5320.0	505319.9	5408386.0	13249.79981	333.93	112.82	48.828430	-86.927516	56105.02	56250.4	-0.43	56104.58	56098.16797	56078.68688	56084.27344	505319.9	5408386.0
L5320.0	505319.9	5408387.4	13249.90039	333.97	112.82	48.828443	-86.927516	56104.41	56250.4	-0.43	56103.98	56097.51172	56078.53659	56084.09766	505319.9	5408387.4
L5320.0	505319.9	5408388.5	13250.00000	333.69	109.48	48.828453	-86.927516	56103.77	56250.4	-0.43	56103.34	56096.81641	56077.61804	56083.15234	505319.9	5408388.5
L5320.0	505319.9	5408388.5	13250.09961	333.69	108.55	48.828453	-86.927516	56103.20	56250.4	-0.43	56102.76	56096.18359	56078.10642	56083.60938	505319.9	5408388.5
L5320.0	505319.9	5408390.0	13250.20020	331.78	108.55	48.828466	-86.927515	56102.52	56250.4	-0.43	56102.09	56095.45703	56076.73882	56082.21484	505319.9	5408390.0
L5320.0	505319.9	5408391.6	13250.29981	331.49	105.85	48.828481	-86.927515	56101.98	56250.4	-0.43	56101.55	56094.85938	56078.27407	56083.72266	505319.9	5408391.6
L5320.0	505319.9	5408392.9	13250.40039	329.92	106.39	48.828492	-86.927515	56101.34	56250.4	-0.43	56100.91	56094.16406	56077.73596	56083.15625	505319.9	5408392.9
L5320.0	505319.9	5408392.9	13250.50000	331.26	106.39	48.828492	-86.927515	56100.62	56250.4	-0.43	56100.19	56093.39063	56075.56570	56080.95313	505319.9	5408392.9
L5320.0	505319.9	5408394.4	13250.50000	331.26	110.47	48.828506	-86.927515	56099.95	56250.4	-0.43	56099.52	56092.66406	56074.55180	56079.91016	505319.9	5408394.4
L5320.0	505319.9	5408395.9	13250.70020	333.70	114.11	48.828520	-86.927515	56099.22	56250.4	-0.43	56098.79	56091.87891	56072.33073	56077.66016	505319.9	5408395.9
L5320.0	505319.9	5408397.5	13250.79981	332.58	114.11	48.828533	-86.927515	56098.62	56250.4	-0.43	56098.19	56091.22266	56072.96695	56078.26563	505319.9	5408397.5
L5320.0	505319.9	5408397.5	13250.90039	330.51	116.81	48.828533	-86.927515	56097.93	56250.4	-0.43	56097.50	56090.47656	56071.74980	56077.01563	505319.9	5408397.5
L5320.0	505320.0	5408399.3	13251.00000	328.86	116.81	48.828550	-86.927514	56097.25	56250.4	-0.43	56096.82	56089.73828	56070.81720	56076.05078	505320.0	5408399.3
L5320.0	505320.0	5408400.6	13251.09961	329.44	116.81	48.828561	-86.927514	56096.64	56250.4	-0.43	56096.21	56089.07422	56071.45312	56076.65625	505320.0	5408400.6
L5320.0	505320.0	5408400.6	13251.20020	332.15	116.81	48.828561	-86.927514	56095.90	56250.4	-0.44	56095.46	56088.26563	56069.15586	56074.32422	505320.0	5408400.6
L5320.0	505320.0	5408401.9	13251.29981	332.97	116.81	48.828574	-86.927514	56095.20	56250.4	-0.44	56094.76	56087.51172	56067.99408	56073.12891	505320.0	5408401.9
L5320.0	505320.0	5408403.6	13251.40039	332.94	116.81	48.828588	-86.927514	56094.52	56250.4	-0.45	56094.07	56086.76172	56067.10999	56072.21094	505320.0	5408403.6
L5320.0	505320.0	5408405.1	13251.50000	331.85	116.81	48.828602	-86.927514	56093.84	56250.4	-0.45	56093.39	56086.02734	56066.50241	56071.57031	505320.0	5408405.1
L5320.0	505320.0	5408405.1	13251.59961	331.60	116.81	48.828602	-86.927514	56093.13	56250.5	-0.45	56092.68	56085.25781	56065.30676	56070.33984	505320.0	5408405.1
L5320.0	505320.0	5408406.5	13251.70020	333.22	116.81	48.828614	-86.927514	56092.39	56250.5	-0.46	56091.93	56084.45313	56063.29899	56068.29688	505320.0	5408406.5
L5320.0	505320.0	5408407.8	13251.79981	333.92	116.81	48.828626	-86.927514	56091.73	56250.5	-0.46	56091.27	56083.73438	56063.29396	56068.25781	505320.0	5408407.8
L5320.0	505320.0	5408409.4	13251.90039	334.96	116.81	48.828640	-86.927513	56091.02	56250.5	-0.47	56090.56	56082.96484	56062.25217	56067.17969	505320.0	5408409.4
L5320.0	505320.0	5408409.4	13252.00000	334.40	116.81	48.828640	-86.927513	56090.30	56250.5	-0.47	56089.83	56082.17578	56060.81665	56065.70703	505320.0	5408409.4
L5320.0	505320.0	5408410.6	13252.09961	334.57	116.52	48.828651	-86.927513	56089.53	56250.5	-0.47	56089.06	56081.34766	56058.54231	56063.39844	505320.0	5408410.6
L5320.0	505320.0	5408412.5	13252.20020	335.99	116.52	48.828669	-86.927513	56088.83	56250.5	-0.47	56088.36	56080.58984	56057.83035	56062.64844	505320.0	5408412.5
L5320.0	505320.0	5408413.6	13252.29981	334.94	116.56	48.828678	-86.927513	56088.02	56250.5	-0.47	56087.55	56079.72266	56054.73092	56059.51172	505320.0	5408413.6
L5320.0	505320.0	5408413.6	13252.40039	334.32	116.56	48.828678	-86.927513	56087.31	56250.5	-0.47	56086.83	56078.94141	56053.62688	56058.37109	505320.0	5408413.6
L5320.0	505320.0	5408415.0	13252.50000	333.27	115.89	48.828691	-86.927513	56086.55	56250.5	-0.47	56086.08	56078.13281	56051.87615	56056.58203	505320.0	5408415.0
L5320.1	505320.1	5408416.5	13252.50000	333.27	114.48	48.828705	-86.927513	56085.84	56250.5	-0.47	56085.37	56077.36328	56051.01635	56055.68750	505320.1	5408416.5
L5320.1	505320.1	5408417.9	13252.70020	330.81	114.48	48.828717	-86.927512	56085.11	56250.5	-0.47	56084.64	56076.57031	56049.71702	56054.34766	505320.1	5408417.9
L5320.1	505320.1	5408417.9	13252.79981	331.94	114.7	48.828717	-86.927512	56084.29	56250.5	-0.47	56083.82	56075.69141	56046.41400	56051.00781	505320.1	5408417.9
L5320.1	505320.1	5408419.2	13252.90039	332.80	114.7	48.828729	-86.927512	56083.54	56250.5	-0.47	56083.07	56074.87891	56044.65031	56049.20313	505320.1	5408419.2
L5320.1	505320.1	5408420.6	13253.00000	333.35	115.65	48.828741	-86.927512	56082.83	56250.5	-0.47	56082.36	56074.10938	56043.76007	56048.27734	505320.1	5408420.6
L5320.1	505320.1	5408421.9	13253.09961	333.10	115.65	48.828754	-86.927512	56082.09	56250.5	-0.47	56081.62	56073.30859	56042.17696	56046.65234	505320.1	5408421.9
L5320.1	505320.1	5408423.2	13253.20020	333.10	116.02	48.828765	-86.927511	56081.37	56250.5	-0.48	56080.89	56072.51563	56040.78524	56045.22266	505320.1	5408423.2
L5320.2	505320.2	5408424.6	13253.29981	334.26	116.02	48.828777	-86.927511	56080.64	56250.5	-0.48	56080.16	56071.72266	56039.35366	56043.75000	505320.2	5408424.6
L5320.2	505320.2	5408424.6	13253.40039	335.68	114.24	48.828777	-86.927511	56079.82	56250.5	-0.48	56079.34	56070.83984	56035.85135	56040.21094	505320.2	5408424.6
L5320.2	505320.2	5408425.9	13253.50000	334.72	114.24	48.828789	-86.927511	56079.11	56250.5	-0.49	56078.63	56070.07031	56034.76021	56039.07813	505320.2	5408425.9
L5320.2	505320.2	5408427.1	13253.59961	334.43	116.4	48.828799	-86.927511	56078.36	56250.5	-0.49	56077.87	56069.24609	56032.47540	56036.75391	505320.2	5408427.1
L5320.2	505320.2	5408428.4	13253.70020	335.26	114.46	48.828811	-86.927510	56077.57	56250.5	-0.49	56077.08	56068.39063	56029.43591	56033.67188	505320.2	5408428.4
L5320.2	505320.2	5408429.9	13253.79981	336.11	114.46	48.828825	-86.927510	56076.84	56250.5	-0.49	56076.34	56067.58984	56027.44346	56031.64063	505320.2	5408429.9
L5320.2	505320.2	5408429.9	13253.90039	335.73	113.12	48.828825	-86.927510	56076.10	56250.5	-0.50	56075.60	56066.78516	56025.36499	56029.51953	505320.2	5408429.9
L5320.2	505320.2	5408431.2	13254.00000	336.87	113.12	48.828837	-86.927510	56075.47	56250.5	-0.50	56074.97	56066.08984	56025.69352	56029.80859	505320.2	5408431.2
L5320.3	505320.3	5408432.6	13254.09961	334.43	114.93	48.828849	-86.927510	56074.71	56250.5	-0.50	56074.21	56065.26563	56022.97566	56027.05078	505320.3	5408432.6
L5320.3	505320.3	5408434.1	13254.20020	335.24	114.85	48.828863	-86.927510	56074.01	56250.5	-0.50	56073.51	56064.50000	56021.52060	56025.55469	505320.3	5408434.1
L5320.3	505320.3	5408434.1	13254.29981	333.64	114.85	48.828863	-86.927510	56073.22	56250.5	-0.50	56072.72	56063.64453	56017.90896	56021.90234	505320.3	5408434.1
L5320.3	505320.3	5408435.7	13254.40039	334.42	113.4	48.828877	-86.927509	56072.64	56250.5	-0.50	56072.15	56063.01172	56019.20180	56023.15234	505320.3	5408435.7
L5320.3	505320.3	5408437.1	13254.50000	334.02	113.4	48.828890	-86.927509	56071.92	56250.5	-0.49	56071.43	56062.22656	56016.95880	56020.86719	505320.3	5408437.1
L5320.3	505320.3	5408438.4	13254.50000	334.02	113.51	48.828901	-86.927509	56071.15	56250.5	-0.49	56070.66	56061.39063	56013.45551	56017.32422	505320.3	5408438.4
L5320.3	505320.3	5408439.5	13254.59961	334.76	113.51	48.828911	-86.927509	56070.48	56250.5	-0.49	56069.99	56060.65234	56012.10774	56015.93359	505320.3	5408439.5
L5320.3	505320.3	5408439.5	13254.79981	336.95	113.41	48.828911	-86.927509	56069.88	56250.5	-0.49	56069.39	56059.98828	56012.22037	56016.00781	505320.3	5408439.5
L5320.3	505320.3	5408441.1	13254.90039	338.12	113.45	48.828926	-86.927509	56069.13	56250.5	-0.49	56068.63	56059.16016	56008.54614	56012.28906	505320.3	5408441.1
L5320.3	505320.3	5408442.4	13255.00000	337.69	113.45	48.828938	-86.927509	56068.48	56250.5	-0.49	56067.99	56058.45703	56007.45330	56011.15625	505320.3	5408442.4
L5320.3	505320.3	5408444.0	13255.09961	335.90	107.61	48.828952	-86.927509	56067.76	56250.5	-0.49	56067.27	56057.66797	56004.38505	56008.04688	505320.3	5408444.0
L5320.3	505320.3	5408445.3	13255.20020	334.56	107.61	48.828964	-86.927509	56067.14	56250.5	-0.49	56066.65	56056.98047	56003.41888	56007.03906	505320.3	5408445.3
L5320.3	505320.3	5408446.7	13255.29981	333.73	107.47	48.828976	-86.927509	56066.49	56250.5	-0.49	56066.00	56056.26563	56001.59707	56005.17578	505320.3	5408446.7
L5320.3	505320.3	5408446.7	13255.40039	330.61	107.47	48.828976	-86.927509	56065.84	56250.5	-0.49	56065.34	56055.53906	55999.36849	56002.90625	505320.3	5408446.7
L5320.3	505320.3	5408448.2	13255.50000	330.34	106.98	48.828990	-86.927509	56065.25	56250.5	-0.49	56064.76	56054.89063	55998.75484	56002.25000	505320.3	5408448.2
L5320.3	505320.3	5408449.4	13255.59961	331.84	106.98	48.829000	-86.927509	56064.62	56250.5	-0.50	56064.13	56054.19531	55996.81563	56000.26953	505320.3	5408449.4

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5320.0	505320.3	5408449.4	13255.70020	333.83	109.31	48.829000	-86.927509	56064.02	56250.5	-0.50	56063.52	56053.51953	55995.11976	55998.53516	505320.3	5408449.4
L5320.0	505320.3	5408450.9	13255.79981	334.89	109.31	48.829014	-86.927509	56063.51	56250.5	-0.50	56063.01	56052.94141	55995.44581	55998.82031	505320.3	5408450.9
L5320.0	505320.3	5408452.5	13255.90039	335.54	103.49	48.829028	-86.927509	56062.92	56250.5	-0.50	56062.42	56052.28516	55993.75890	55997.09375	505320.3	5408452.5
L5320.0	505320.3	5408453.6	13256.00000	334.29	104.82	48.829038	-86.927509	56062.39	56250.5	-0.50	56061.89	56051.68750	55993.18122	55996.47266	505320.3	5408453.6
L5320.0	505320.3	5408453.6	13256.09961	333.93	104.82	48.829038	-86.927509	56061.76	56250.5	-0.50	56061.26	56050.98828	55990.14531	55993.39844	505320.3	5408453.6
L5320.0	505320.3	5408454.9	13256.20020	334.33	103.57	48.829050	-86.927509	56061.28	56250.5	-0.50	56060.78	56050.44141	55990.20061	55993.41016	505320.3	5408454.9
L5320.0	505320.3	5408456.5	13256.29981	333.91	100.96	48.829065	-86.927509	56060.77	56250.5	-0.50	56060.27	56049.86719	55989.33945	55992.51172	505320.3	5408456.5
L5320.0	505320.3	5408458.1	13256.40039	333.40	100.96	48.829079	-86.927509	56060.24	56250.5	-0.50	56059.74	56049.26953	55987.78006	55990.91016	505320.3	5408458.1
L5320.0	505320.3	5408459.4	13256.50000	332.87	104.15	48.829091	-86.927509	56059.74	56250.5	-0.50	56059.24	56048.70313	55986.62127	55989.71094	505320.3	5408459.4
L5320.0	505320.3	5408460.8	13256.50000	332.87	104.15	48.829103	-86.927509	56059.26	56250.5	-0.50	56058.76	56048.15625	55985.63450	55988.68750	505320.3	5408460.8
L5320.0	505320.3	5408460.8	13256.70020	330.88	106.03	48.829103	-86.927509	56058.72	56250.5	-0.50	56058.22	56047.55078	55983.05432	55986.06641	505320.3	5408460.8
L5320.0	505320.3	5408462.4	13256.79981	333.08	103.39	48.829117	-86.927509	56058.32	56250.5	-0.50	56057.82	56047.08594	55983.29175	55986.26563	505320.3	5408462.4
L5320.0	505320.3	5408463.8	13256.90039	332.82	103.39	48.829130	-86.927509	56057.82	56250.5	-0.50	56057.32	56046.51953	55981.04928	55983.98438	505320.3	5408463.8
L5320.0	505320.3	5408463.8	13257.00000	334.43	104.15	48.829130	-86.927509	56057.38	56250.5	-0.50	56056.88	56046.01563	55979.85860	55982.75391	505320.3	5408463.8
L5320.0	505320.3	5408465.1	13257.09961	333.17	107.02	48.829141	-86.927509	56056.96	56250.5	-0.50	56056.46	56045.53125	55978.83949	55981.69531	505320.3	5408465.1
L5320.0	505320.3	5408466.6	13257.20020	333.67	107.02	48.829155	-86.927509	56056.63	56250.5	-0.50	56056.12	56045.12500	55979.32364	55982.14453	505320.3	5408466.6
L5320.0	505320.3	5408468.2	13257.29981	334.23	105.72	48.829170	-86.927509	56056.22	56250.5	-0.51	56055.71	56044.65234	55977.99983	55980.78125	505320.3	5408468.2
L5320.0	505320.3	5408468.2	13257.40039	335.01	102.79	48.829170	-86.927509	56055.92	56250.5	-0.51	56055.41	56044.28906	55978.85811	55981.60156	505320.3	5408468.2
L5320.0	505320.3	5408469.5	13257.50000	333.21	102.79	48.829182	-86.927509	56055.54	56250.5	-0.51	56055.03	56043.84375	55977.69672	55980.40234	505320.3	5408469.5
L5320.0	505320.3	5408471.1	13257.59961	332.27	103.74	48.829196	-86.927509	56055.18	56250.5	-0.51	56054.67	56043.42188	55976.73891	55979.41016	505320.3	5408471.1
L5320.0	505320.3	5408471.1	13257.70020	331.93	103.74	48.829196	-86.927509	56054.91	56250.5	-0.51	56054.39	56043.07813	55977.32692	55979.96094	505320.3	5408471.1
L5320.0	505320.3	5408472.6	13257.79981	333.05	104.18	48.829209	-86.927509	56054.65	56250.5	-0.52	56054.13	56042.75781	55978.13770	55980.73438	505320.3	5408472.6
L5320.0	505320.3	5408474.2	13257.90039	334.58	106.15	48.829224	-86.927509	56054.30	56250.5	-0.52	56053.78	56042.34766	55976.73187	55979.29297	505320.3	5408474.2
L5320.0	505320.3	5408475.6	13258.00000	334.98	103.53	48.829236	-86.927509	56054.05	56250.5	-0.52	56053.53	56042.03516	55977.33648	55979.86328	505320.3	5408475.6
L5320.0	505320.3	5408475.6	13258.09961	335.17	103.53	48.829236	-86.927509	56053.77	56250.5	-0.52	56053.25	56041.69531	55977.06754	55979.55859	505320.3	5408475.6
L5320.0	505320.3	5408477.1	13258.20020	334.72	104.89	48.829250	-86.927509	56053.56	56250.5	-0.52	56053.05	56041.43750	55978.37066	55980.82813	505320.3	5408477.1
L5320.0	505320.3	5408478.7	13258.29981	334.62	105.07	48.829264	-86.927509	56053.31	56250.5	-0.52	56052.80	56041.12891	55978.36464	55980.78516	505320.3	5408478.7
L5320.0	505320.3	5408480.2	13258.40039	335.74	105.07	48.829278	-86.927509	56053.04	56250.5	-0.52	56052.52	56040.78906	55977.50158	55979.89063	505320.3	5408480.2
L5320.0	505320.3	5408480.2	13258.50000	334.48	98.19	48.829278	-86.927509	56052.81	56250.5	-0.51	56052.29	56040.50000	55977.55545	55979.91016	505320.3	5408480.2
L5320.0	505320.3	5408481.6	13258.50000	334.48	98.19	48.829290	-86.927509	56052.81	56250.5	-0.51	56052.29	56040.44531	55982.47489	55984.79688	505320.3	5408481.6
L5320.0	505320.3	5408483.2	13258.70020	332.50	96.79	48.829304	-86.927509	56052.52	56250.5	-0.51	56052.01	56040.10938	55981.04108	55983.32813	505320.3	5408483.2
L5320.0	505320.3	5408484.3	13258.79981	332.98	105.75	48.829314	-86.927509	56052.38	56250.5	-0.51	56051.87	56039.91406	55982.48686	55984.74219	505320.3	5408484.3
L5320.0	505320.3	5408484.3	13258.90039	333.03	105.75	48.829314	-86.927509	56052.23	56250.5	-0.51	56051.72	56039.71094	55983.51880	55985.74219	505320.3	5408484.3
L5320.0	505320.3	5408486.1	13259.00000	333.47	103.82	48.829331	-86.927509	56052.05	56250.5	-0.51	56051.54	56039.47656	55983.70628	55985.89844	505320.3	5408486.1
L5320.0	505320.3	5408487.5	13259.09961	332.29	103.82	48.829343	-86.927509	56051.89	56250.5	-0.51	56051.38	56039.26563	55984.13912	55986.30078	505320.3	5408487.5
L5320.0	505320.3	5408488.8	13259.20020	331.67	105.86	48.829355	-86.927508	56051.84	56250.5	-0.51	56051.34	56039.17578	55986.97084	55989.10156	505320.3	5408488.8
L5320.0	505320.3	5408490.3	13259.29981	331.70	105.86	48.829369	-86.927508	56051.72	56250.5	-0.51	56051.21	56038.99609	55987.66699	55989.76953	505320.3	5408490.3
L5320.0	505320.3	5408490.3	13259.40039	330.51	107.53	48.829369	-86.927508	56051.72	56250.5	-0.51	56051.21	56038.94531	55990.96674	55993.03906	505320.3	5408490.3
L5320.0	505320.3	5408491.7	13259.50000	331.17	107.53	48.829381	-86.927508	56051.54	56250.5	-0.51	56051.03	56038.71484	55990.22321	55992.26563	505320.3	5408491.7
L5320.0	505320.3	5408492.8	13259.59961	332.86	105.64	48.829391	-86.927509	56051.54	56250.5	-0.50	56051.03	56038.66797	55993.15471	55995.16797	505320.3	5408492.8
L5320.0	505320.3	5408494.6	13259.70020	334.52	105.64	48.829407	-86.927509	56051.44	56250.5	-0.50	56050.93	56038.52344	55993.77950	55995.76563	505320.3	5408494.6
L5320.0	505320.3	5408494.6	13259.79981	332.91	102.67	48.829407	-86.927509	56051.39	56250.5	-0.50	56050.89	56038.43750	55995.52494	55997.48438	505320.3	5408494.6
L5320.0	505320.3	5408496.2	13259.90039	331.74	102.67	48.829421	-86.927509	56051.29	56250.5	-0.50	56050.78	56038.28516	55995.62680	55997.55859	505320.3	5408496.2
L5320.0	505320.3	5408497.5	13260.00000	330.85	103.87	48.829433	-86.927509	56051.26	56250.5	-0.50	56050.76	56038.22266	55997.51161	55999.41797	505320.3	5408497.5
L5320.0	505320.2	5408499.0	13260.09961	331.10	107.54	48.829447	-86.927509	56051.16	56250.5	-0.50	56050.66	56038.08203	55997.56188	55999.44141	505320.2	5408499.0
L5320.0	505320.2	5408499.0	13260.20020	333.41	107.54	48.829447	-86.927509	56051.24	56250.5	-0.50	56050.74	56038.12109	56001.34716	56003.20313	505320.2	5408499.0
L5320.0	505320.2	5408500.2	13260.29981	333.67	107.16	48.829457	-86.927509	56051.14	56250.5	-0.50	56050.64	56037.98047	56001.18283	56003.01172	505320.2	5408500.2
L5320.0	505320.2	5408501.9	13260.40039	332.10	107.16	48.829473	-86.927510	56051.12	56250.5	-0.50	56050.62	56037.92188	56002.64640	56004.45313	505320.2	5408501.9
L5320.0	505320.2	5408501.9	13260.50000	332.63	106.95	48.829473	-86.927510	56051.01	56250.5	-0.50	56050.50	56037.76563	56001.88461	56003.66797	505320.2	5408501.9
L5320.0	505320.2	5408503.3	13260.50000	332.63	102.71	48.829485	-86.927510	56051.04	56250.5	-0.50	56050.53	56037.76172	56004.29510	56006.05469	505320.2	5408503.3
L5320.0	505320.2	5408504.6	13260.70020	333.27	102.71	48.829497	-86.927510	56050.98	56250.5	-0.51	56050.47	56037.66797	56004.71704	56006.45313	505320.2	5408504.6
L5320.0	505320.1	5408505.7	13260.79981	333.86	100.44	48.829507	-86.927511	56050.96	56250.5	-0.51	56050.45	56037.61328	56005.97309	56007.68750	505320.1	5408505.7
L5320.0	505320.1	5408507.0	13260.90039	334.43	99.89	48.829519	-86.927511	56050.91	56250.5	-0.51	56050.40	56037.53125	56006.55600	56008.24609	505320.1	5408507.0
L5320.0	505320.1	5408507.0	13261.00000	333.74	99.89	48.829519	-86.927511	56051.02	56250.5	-0.51	56050.51	56037.61328	56010.62622	56012.29688	505320.1	5408507.0
L5320.0	505320.1	5408508.6	13261.09961	333.77	99.99	48.829533	-86.927511	56050.96	56250.5	-0.51	56050.44	56037.51563	56010.76654	56012.41797	505320.1	5408508.6
L5320.0	505320.1	5408510.0	13261.20020	334.35	99.99	48.829546	-86.927511	56050.98	56250.5	-0.52	56050.46	56037.50781	56012.89412	56014.52344	505320.1	5408510.0
L5320.0	505320.1	5408511.3	13261.29981	334.64	101	48.829558	-86.927511	56050.78	56250.5	-0.52	56050.25	56037.26953	56009.97304	56011.58203	505320.1	5408511.3
L5320.0	505320.1	5408512.4	13261.40039	333.02	100.55	48.829568	-86.927511	56050.91	56250.5	-0.53	56050.38	56037.37500	56014.58779	56016.17969	505320.1	5408512.4
L5320.0	505320.0	5408514.0	13261.50000	330.38	99.77	48.829582	-86.927512	56050.79	56250.5	-0.53	56050.26	56037.23438	56013.71567	56015.28906	505320.0	5408514.0
L5320.0	505320.0	5408514.0	13261.59961	332.63	99.77	48.829582	-86.927512	56050.73	56250.5	-0.53	56050.20	56037.15234	56014.22119	56015.77734	505320.0	5408514.0
L5320.0	505320.0	5408515.1	13261.70020	334.17	101.99	48.829592	-86.927512	56050.63	56250.5	-0.54	56050.09	56037.01953	56013.67161	56015.20703	505320.0	5408515.1
L5320.0	505320.0	5408516.4	13261.79981	334.85	102.29	48.829603	-86.927512	56050.73	56250.5	-0.54	56050.19	56037.10156	56017.88640	56019.40625	505320.0	5408516.4
L5320.0	505320.0	5408517.8	13261.90039	334.13	102.92	48.829615	-86.927512	56050.66	56250.5	-0.55	56050.11	56037.00391	56018.16711	56019.67188	505320.0	5408517.8
L5320.0	505320.0	5408518.9	13262.00000	334.49	102.92	48.829625	-86.927512	56050.73	56250.6	-0.55	56050.18	56037.05859	56021.90534	56023.39453	505320.0	5408518.9
L5320.0	505320.0	5408520.2	13262.09961	333.92	103.25	48.829637	-86.927512	56050.58	56250.6	-0.55	56050.03	56036.89453	56020.81091	56022.28125	505320.0	5408520.2
L5320.0	505320.0	5408520.2	13262.20020	335.14	103.76	48.829637	-86.927512	56050.48	56250.6	-0.55	56049.93	56036.78125	56020.94593	56022.40234	505320.0	5408520.2
L5320.0	505320.0	5408521.8	13262.29981	335.82	105.19	48.829652	-86.927512	56050.36	56250.6	-0.55	56049.81	56036.64844	56020.74674	56022.18750	505320.0	5408521.8
L5320.0	505320.0	5408523.3	13262.40039	335.64	105.19	48.829666	-86.927512	56050.30	56250.6	-0.55	56049.75	56036.57813	56022.02115	56023.44922	505320.0	5408523.3
L5320.0	505320.0	5408524.7	13262.50000	334.09	103.37	48.829678	-86.927512	56050.11	56250.6	-0.55	56049.56	56036.37891	56020.50380	56021.91797	505320.0	5408524.7
L5320.0	505320.0	5408524.7	13262.50000	334.09	103.63	48.829678	-86.927512	56050.13	56250.6	-0.55	56049.57	56036.38281	56023.62266	56025.02344	505320.0	5408524.7
L5320.0	505320.0	5408526.2	13262.70020	335.86	103.63	48.829691	-86.927512	56049.88	56250.6	-0.55	56049.32	56036.12891	56021.04386	56022.42969	505320.0	5408526.2
L5320.0	505320.0	5408527.5	13262.79981	335.09	102.64	48.829703	-86.927512	56049.77	56250.6	-0.55	56049.22	56036.02344	56021.98723	56023.36328	505320.0	5408527.5
L5320.0	505320.0	5408529.1	13262.90039	334.87	103.15	48.829717	-86.927512	56049.54	56250.6	-0.55	56048.99	56035.78906	56020.17486	56021.53906	505320.0	5408529.1
L5320.0	505320.0	5408529.9	13263.00000	333.67	103.27	48.829725	-86.927512	56049.44	56250.6	-0.55	56048.89	56035.69141	56021.44055	56022.79297	505320.0	5408529.9
L5320.0	505320.0	5408531.0	13263.09961	332.31	103.27	48.829735	-86.927513	56049.23	56250.5	-0.55	56048.69	56035.48828	56020.63950	56021.98047	505320.0	5408531.0
L5320.0	505320.0	5408532.1	13263.20020	330.91	101.3	48.829745	-86.927513	56049.12	56250.5	-0.55	56048.57	56035.37109	56021.79807	56023.12500	505320.0	5408532.1
L5320.0	505320.0	5408532.1	13263.29981	333.53	100.76	48.829745	-86.927513	56048.96	56250.5	-0.54	56048.42	56035.22266	56022.46396	56023.78125	505320.0	5408532.1
L5320.0	505319.9	5408533.9	13263.40039	333.74	101.61	48.829760	-86.927513	56048.81	56250.5	-0.54	56048.27	56035.07813	56023.30992	56024.61719	505319.9	5408533.9
L5320.0	505319.9	5408534.8	13263.50000	333.79	101.61	48.829769	-86.927513	56048.68	56250.5	-0.54	56048.14	56034.95313	56024.78106	56026.07813	505319.9	5408534.8
L5320.0	505319.9	5408535.6	13263.59961	333.60	105.37	48.829776	-86.927513	56048.51	56250.5	-0.54	56047.97	56034.79297	56025.55305	56026.83984	505319.9	5408535.6
L5320.0	505319.9	5408537.2	13263.70020	334.55	104.26	48.829790	-86.927513	56048.31	56250.5	-0.54	56047.77	56034.60156	56025.85399	56027.12891	505319.9	5408537.2
L5320.0	505319.9	5408538.4	13263.79981	333.94	103.07	48.829802	-86.927513	56048.02	56250.5	-0.53	56047.49	56034.33203	56024.59080	56025.85547	505319.9	5408538.4
L5320.0	505319.9	5408539.3	13263.90039	333.17	103.58	48.829809	-86.927513	56047.70	56250.5	-0.53	56047.17	56034.02344	56022.65099	56023.90625	505319.9	5408539.3
L5320.0	505319.9	5408540.6	13264.00000	335.03	103.58	48.829821	-86.927513	56047.52	56250.5	-0.53	56046.99	56033.85547	56023.97340	56025.22266	505319.9	5408540.6
L5320.0	505319.9	5408541.7	13264.09961	332.72	104.07	48.829831	-86.927513	56047.09	56250.5	-0.53	56046.56	56033.43750	56020.03042	56021.26953	505319.9	5408541.7
L5320.0	505319.9	5408543.1	13264.20020	331.34	103.37	48.829843	-86.927513	56046.91	56250.5	-0.54	56046.37	56033.26172	56021.52434	56022.75391	505319.9	5408543.1
L5320.0	505319.9	5408544.2	13264.29981	330.99	105.72	48.829853	-86.927513	56046.64	56250.5	-0.54	56046.10	56033.01172	56021.46804	56022.68750	505319.9	5408544.2
L5320.0	505319.9	5408544.2	13264.40039	332.06	105.72	48.829853	-86.927513	56046.33	56250.5	-0.54	56045.79	56032.71875	56020.73612	56021.94922	505319.9	5408544.2
L5320.0	505319.9	5408545.7	13264.50000	332.19	104.42	48.829867	-86.927513	56046.02	56250.5	-0.54	56045.48	56032.42578	56020.20026	56021.40234	505319.9	5408545.7
L5320.0	505319.9	5408546.8	13264.50000	332.19	103.1	48.829877	-86.927513	56045.72	56250.5	-0.54	56045.18	56032.14844	56020.08075	56021.27344	505319.9	5408546.8
L5320.0	505319.9	5408547.9	13264.59961	333.59	102.71	48.829887	-86.927513	56045.49	56250.5	-0.55	56044.94	56031.92969	56021.47800	56022.66406	505319.9	5408547.9
L5320.0	505319.9	5408549.2	13264.79981	332.81	99.09	48.829899	-86.927513	56045.17	56250.6	-0.55	56044.62	56031.63281	56021.33389	56022.51172	505319.9	5408549.2
L5320.0	505319.9	5408550.3	13264.90039	332.43	99.09	48.829909	-86.927513	56044.84	56250.6	-0.56	56044.28	56031.31641	56020.96186	56022.12891	505319.9	5408550.3

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5320.0	505319.9	5408550.3	13265.00000	332.66	104.37	48.829909	-86.927513	56044.48	56250.6	-0.56	56043.92	56030.98047	56020.36276	56021.52344	505319.9	5408550.3
L5320.0	505319.9	5408551.9	13265.09961	334.08	104.11	48.829922	-86.927513	56044.13	56250.6	-0.56	56043.57	56030.65625	56020.20205	56021.35156	505319.9	5408551.9
L5320.0	505319.9	5408553.4	13265.20020	332.61	104.11	48.829936	-86.927513	56043.68	56250.6	-0.55	56043.13	56030.24219	56018.26023	56019.40234	505319.9	5408553.4
L5320.0	505319.9	5408555.0	13265.29981	332.05	104.48	48.829950	-86.927513	56043.35	56250.5	-0.55	56042.80	56029.94141	56018.98712	56020.11719	505319.9	5408555.0
L5320.0	505319.9	5408555.0	13265.40039	332.63	106.86	48.829950	-86.927513	56042.86	56250.5	-0.54	56042.32	56029.48828	56016.58500	56017.70703	505319.9	5408555.0
L5320.0	505319.9	5408556.5	13265.50000	334.28	106.86	48.829964	-86.927513	56042.38	56250.5	-0.54	56041.84	56029.03906	56014.39722	56015.50781	505319.9	5408556.5
L5320.0	505319.9	5408557.6	13265.59961	336.36	107.22	48.829974	-86.927513	56042.00	56250.5	-0.54	56041.47	56028.69922	56014.90577	56016.00781	505319.9	5408557.6
L5320.0	505319.9	5408558.9	13265.70020	335.58	106.79	48.829986	-86.927513	56041.53	56250.5	-0.53	56041.00	56028.26172	56013.39012	56014.48047	505319.9	5408558.9
L5320.0	505319.9	5408558.9	13265.79981	335.87	107.64	48.829986	-86.927513	56041.12	56250.5	-0.53	56040.59	56027.88281	56013.45488	56014.53516	505319.9	5408558.9
L5320.0	505319.9	5408560.3	13265.90039	336.78	106.69	48.829998	-86.927513	56040.69	56250.5	-0.52	56040.17	56027.49609	56013.52087	56014.58984	505319.9	5408560.3
L5320.0	505319.9	5408562.3	13266.00000	336.15	106.69	48.830016	-86.927513	56040.31	56250.5	-0.52	56039.79	56027.15234	56014.71504	56015.77344	505319.9	5408562.3
L5320.0	505319.9	5408562.3	13266.09961	337.21	100.75	48.830016	-86.927513	56039.81	56250.5	-0.52	56039.28	56026.67578	56013.18956	56014.23828	505319.9	5408562.3
L5320.0	505319.9	5408563.6	13266.20020	338.01	105.12	48.830028	-86.927513	56039.32	56250.5	-0.53	56038.80	56026.23047	56012.55803	56013.59375	505319.9	5408563.6
L5320.0	505319.9	5408564.9	13266.29981	335.27	106.48	48.830040	-86.927513	56038.72	56250.5	-0.53	56038.19	56025.65625	56009.21123	56010.23438	505319.9	5408564.9
L5320.0	505319.9	5408566.0	13266.40039	333.86	106.48	48.830050	-86.927513	56038.18	56250.5	-0.53	56037.65	56025.15234	56007.65654	56008.66406	505319.9	5408566.0
L5320.0	505319.9	5408567.1	13266.50000	334.67	101.27	48.830060	-86.927513	56037.61	56250.5	-0.54	56037.07	56024.60938	56005.41562	56006.41016	505319.9	5408567.1
L5320.0	505319.9	5408568.5	13266.50000	334.67	101.27	48.830072	-86.927513	56037.00	56250.5	-0.54	56036.46	56024.03906	56002.71656	56003.69922	505319.9	5408568.5
L5320.0	505319.9	5408570.0	13266.70020	334.98	103.57	48.830085	-86.927513	56036.57	56250.5	-0.54	56036.03	56023.64453	56004.21055	56005.17578	505319.9	5408570.0
L5320.0	505319.9	5408570.0	13266.79981	334.58	107.52	48.830085	-86.927513	56036.06	56250.5	-0.54	56035.52	56023.17578	56004.09525	56005.04688	505319.9	5408570.0
L5320.0	505319.9	5408571.3	13266.90039	333.85	108.2	48.830097	-86.927513	56035.58	56250.5	-0.55	56035.03	56022.72266	56004.57331	56005.50781	505319.9	5408571.3
L5320.0	505319.9	5408572.9	13267.00000	331.81	110.45	48.830112	-86.927513	56035.00	56250.6	-0.55	56034.45	56022.18359	56003.23110	56004.14844	505319.9	5408572.9
L5320.0	505319.9	5408572.9	13267.09961	333.94	112.98	48.830112	-86.927513	56034.42	56250.6	-0.55	56033.87	56021.64453	56002.03684	56002.93750	505319.9	5408572.9
L5320.0	505319.9	5408574.9	13267.20020	333.30	112.98	48.830129	-86.927513	56033.84	56250.6	-0.55	56033.29	56021.10156	56000.97620	56001.85938	505319.9	5408574.9
L5320.0	505319.9	5408576.0	13267.29981	331.77	117.39	48.830139	-86.927513	56033.20	56250.6	-0.55	56032.65	56020.50391	55998.75518	55999.61719	505319.9	5408576.0
L5320.0	505319.9	5408577.1	13267.40039	330.33	117.61	48.830149	-86.927513	56032.57	56250.6	-0.55	56032.02	56019.91406	55996.86839	55997.71094	505319.9	5408577.1
L5320.0	505319.9	5408577.1	13267.50000	330.21	117.96	48.830149	-86.927513	56031.96	56250.6	-0.55	56031.41	56019.34375	55995.50929	55996.33203	505319.9	5408577.1
L5320.0	505319.9	5408578.6	13267.59961	329.94	117.96	48.830163	-86.927513	56031.38	56250.6	-0.55	56030.83	56018.80469	55994.86994	55995.67188	505319.9	5408578.6
L5320.0	505319.9	5408580.6	13267.70020	329.99	118.19	48.830181	-86.927513	56030.75	56250.6	-0.55	56030.20	56018.21484	55993.26009	55994.03906	505319.9	5408580.6
L5320.0	505319.9	5408581.7	13267.79981	330.71	118.19	48.830191	-86.927513	56030.17	56250.6	-0.55	56029.62	56017.67578	55992.76400	55993.51953	505319.9	5408581.7
L5320.0	505319.9	5408581.7	13267.90039	330.93	118.34	48.830191	-86.927513	56029.61	56250.6	-0.55	56029.06	56017.15625	55992.73515	55993.46484	505319.9	5408581.7
L5320.0	505319.9	5408583.0	13268.00000	330.43	117.81	48.830203	-86.927513	56028.93	56250.6	-0.55	56028.38	56016.51563	55990.27451	55990.98047	505319.9	5408583.0
L5320.0	505319.9	5408584.4	13268.09961	331.78	108.76	48.830215	-86.927512	56028.29	56250.6	-0.55	56027.74	56015.91797	55988.68150	55989.35938	505319.9	5408584.4
L5320.0	505319.9	5408585.5	13268.20020	331.25	109.02	48.830225	-86.927512	56027.59	56250.6	-0.56	56027.03	56015.24609	55985.68670	55986.33594	505319.9	5408585.5
L5320.0	505320.0	5408586.6	13268.29981	332.35	108.47	48.830235	-86.927512	56027.03	56250.6	-0.56	56026.47	56014.72656	55985.77315	55986.39453	505320.0	5408586.6
L5320.0	505320.0	5408587.9	13268.40039	332.19	108.47	48.830247	-86.927512	56026.30	56250.6	-0.56	56025.73	56014.02734	55982.19781	55982.78906	505320.0	5408587.9
L5320.0	505320.0	5408589.0	13268.50000	330.90	109.68	48.830257	-86.927511	56025.71	56250.6	-0.57	56025.15	56013.48828	55981.87125	55982.43359	505320.0	5408589.0
L5320.0	505320.0	5408590.3	13268.50000	330.90	110.34	48.830268	-86.927511	56025.03	56250.6	-0.57	56024.47	56012.84766	55979.50105	55980.03125	505320.0	5408590.3
L5320.0	505320.0	5408591.3	13268.70020	330.75	110.34	48.830277	-86.927511	56024.40	56250.6	-0.57	56023.83	56012.24609	55977.91800	55978.41406	505320.0	5408591.3
L5320.0	505320.0	5408591.3	13268.79981	328.50	109.99	48.830277	-86.927511	56023.79	56250.6	-0.57	56023.21	56011.66406	55976.70450	55977.16797	505320.0	5408591.3
L5320.0	505320.0	5408592.8	13268.90039	330.11	110.86	48.830290	-86.927511	56023.16	56250.6	-0.58	56022.58	56011.07031	55975.24305	55975.67188	505320.0	5408592.8
L5320.0	505320.0	5408594.1	13269.00000	328.38	108.8	48.830302	-86.927511	56022.50	56250.6	-0.58	56021.92	56010.44531	55973.11958	55973.50781	505320.0	5408594.1
L5320.0	505320.1	5408595.4	13269.09961	328.54	110.28	48.830313	-86.927510	56021.88	56250.6	-0.58	56021.29	56009.85156	55971.53251	55971.88281	505320.1	5408595.4
L5320.0	505320.1	5408596.5	13269.20020	329.19	109.64	48.830324	-86.927510	56021.29	56250.6	-0.58	56020.71	56009.30859	55970.87189	55971.18359	505320.1	5408596.5
L5320.0	505320.1	5408597.8	13269.29981	329.24	109.64	48.830335	-86.927510	56020.58	56250.6	-0.58	56020.00	56008.63281	55967.48885	55967.76172	505320.1	5408597.8
L5320.0	505320.1	5408597.8	13269.40039	331.39	105.38	48.830335	-86.927510	56019.95	56250.6	-0.58	56019.36	56008.02734	55965.41182	55965.64063	505320.1	5408597.8
L5320.0	505320.1	5408600.0	13269.50000	330.46	105.94	48.830355	-86.927510	56019.32	56250.6	-0.58	56018.74	56007.44141	55963.62098	55963.80859	505320.1	5408600.0
L5320.0	505320.1	5408600.0	13269.59961	330.72	103.67	48.830355	-86.927510	56018.61	56250.6	-0.58	56018.03	56006.76563	55959.86964	55960.01172	505320.1	5408600.0
L5320.0	505320.1	5408601.4	13269.70020	329.75	103.67	48.830368	-86.927509	56018.05	56250.6	-0.58	56017.47	56006.23828	55959.02901	55959.12500	505320.1	5408601.4
L5320.0	505320.1	5408603.2	13269.79981	330.29	106.03	48.830384	-86.927509	56017.39	56250.6	-0.58	56016.81	56005.60938	55955.99598	55956.04297	505320.1	5408603.2
L5320.0	505320.1	5408604.5	13269.90039	331.08	111.73	48.830395	-86.927509	56016.86	56250.6	-0.58	56016.28	56005.10938	55955.46216	55955.46094	505320.1	5408604.5
L5320.0	505320.1	5408604.5	13270.00000	328.82	113.23	48.830395	-86.927509	56016.26	56250.6	-0.58	56015.68	56004.53516	55953.32195	55953.26953	505320.1	5408604.5
L5320.0	505320.1	5408606.0	13270.09961	331.31	112.59	48.830410	-86.927509	56015.75	56250.6	-0.58	56015.16	56004.04297	55952.65725	55952.55469	505320.1	5408606.0
L5320.0	505320.1	5408606.9	13270.20020	331.44	112.59	48.830417	-86.927509	56015.04	56250.6	-0.58	56014.46	56003.37109	55948.06971	55947.91406	505320.1	5408606.9
L5320.0	505320.1	5408608.3	13270.29981	331.60	111.44	48.830430	-86.927509	56014.51	56250.6	-0.59	56013.93	56002.86719	55946.81775	55946.60938	505320.1	5408608.3
L5320.0	505320.1	5408609.4	13270.40039	333.83	110.92	48.830440	-86.927509	56013.88	56250.6	-0.59	56013.29	56002.25391	55943.06201	55942.79688	505320.1	5408609.4
L5320.0	505320.1	5408610.3	13270.50000	333.41	110.67	48.830448	-86.927509	56013.32	56250.6	-0.59	56012.73	56001.71484	55940.77522	55940.45313	505320.1	5408610.3
L5320.0	505320.1	5408611.8	13270.50000	333.41	110.67	48.830461	-86.927509	56012.77	56250.6	-0.59	56012.18	56001.18750	55938.49133	55938.10938	505320.1	5408611.8
L5320.0	505320.1	5408611.8	13270.70020	334.76	108.41	48.830461	-86.927509	56012.28	56250.6	-0.59	56011.68	56000.70703	55937.05844	55936.61328	505320.1	5408611.8
L5320.0	505320.1	5408613.4	13270.79981	335.11	110.22	48.830476	-86.927509	56011.66	56250.6	-0.60	56011.06	56000.10938	55932.85439	55932.34766	505320.1	5408613.4
L5320.0	505320.1	5408614.6	13270.90039	334.40	109.2	48.830487	-86.927509	56011.20	56250.6	-0.60	56010.60	55999.66797	55931.84595	55931.27734	505320.1	5408614.6
L5320.0	505320.1	5408616.0	13271.00000	332.71	109.2	48.830499	-86.927509	56010.84	56250.6	-0.60	56010.24	55999.32422	55932.76661	55932.13281	505320.1	5408616.0
L5320.0	505320.1	5408617.3	13271.09961	332.71	103.44	48.830511	-86.927509	56010.31	56250.6	-0.60	56009.71	55998.80859	55929.80031	55929.10156	505320.1	5408617.3
L5320.0	505320.1	5408618.4	13271.20020	333.18	103.44	48.830521	-86.927509	56009.81	56250.6	-0.60	56009.21	55998.32422	55927.23274	55926.46484	505320.1	5408618.4
L5320.0	505320.1	5408619.5	13271.29981	333.27	105.95	48.830531	-86.927509	56009.35	56250.6	-0.61	56008.74	55997.86719	55925.05947	55924.22266	505320.1	5408619.5
L5320.0	505320.1	5408619.5	13271.40039	334.12	105.95	48.830531	-86.927509	56008.87	56250.6	-0.61	56008.26	55997.39844	55922.40836	55921.50000	505320.1	5408619.5
L5320.0	505320.1	5408620.9	13271.50000	334.95	113.75	48.830543	-86.927509	56008.46	56250.6	-0.61	56007.85	55997.00000	55921.00930	55920.03125	505320.1	5408620.9
L5320.0	505320.1	5408622.4	13271.59961	334.78	115.33	48.830557	-86.927509	56007.98	56250.6	-0.61	56007.37	55996.52734	55917.81712	55916.76563	505320.1	5408622.4
L5320.0	505320.1	5408623.6	13271.70020	333.01	113.47	48.830567	-86.927509	56007.73	56250.6	-0.61	56007.12	55996.28516	55919.34634	55918.21875	505320.1	5408623.6
L5320.0	505320.1	5408623.6	13271.79981	331.80	113.19	48.830567	-86.927509	56007.32	56250.6	-0.62	56006.71	55995.87891	55917.11012	55915.90625	505320.1	5408623.6
L5320.0	505320.1	5408626.0	13271.90039	331.97	113.19	48.830589	-86.927509	56006.97	56250.6	-0.62	56006.35	55995.52344	55915.66536	55914.38281	505320.1	5408626.0
L5320.0	505320.1	5408626.0	13272.00000	332.46	112.98	48.830589	-86.927509	56006.62	56250.6	-0.62	56006.00	55995.17578	55914.13241	55912.76953	505320.1	5408626.0
L5320.0	505320.1	5408627.1	13272.09961	333.19	113.58	48.830599	-86.927509	56006.39	56250.6	-0.62	56005.77	55994.94531	55914.88994	55913.44922	505320.1	5408627.1
L5320.0	505320.1	5408628.4	13272.20020	332.62	113.58	48.830611	-86.927509	56006.04	56250.6	-0.62	56005.42	55994.59375	55912.71365	55911.18750	505320.1	5408628.4
L5320.0	505320.1	5408630.0	13272.29981	333.89	112.68	48.830625	-86.927509	56005.78	56250.6	-0.61	56005.17	55994.34375	55912.36859	55910.76172	505320.1	5408630.0
L5320.0	505320.1	5408631.1	13272.40039	334.84	112.69	48.830635	-86.927509	56005.43	56250.6	-0.61	56004.81	55993.97656	55909.30064	55907.60938	505320.1	5408631.1
L5320.0	505320.1	5408632.4	13272.50000	332.91	113.51	48.830647	-86.927509	56005.33	56250.6	-0.61	56004.72	55993.88281	55911.71185	55909.93359	505320.1	5408632.4
L5320.0	505320.1	5408632.4	13272.50000	332.91	113.2	48.830647	-86.927509	56005.06	56250.6	-0.61	56004.45	55993.60156	55909.86708	55908.00000	505320.1	5408632.4
L5320.0	505320.1	5408633.5	13272.70020	333.39	109.32	48.830657	-86.927510	56004.87	56250.6	-0.61	56004.26	55993.40234	55909.37053	55907.41797	505320.1	5408633.5
L5320.0	505320.1	5408635.5	13272.79981	331.61	109.32	48.830675	-86.927510	56004.64	56250.6	-0.60	56004.04	55993.17188	55907.83954	55905.79688	505320.1	5408635.5
L5320.0	505320.1	5408636.6	13272.90039	333.04	110.81	48.830684	-86.927510	56004.49	56250.6	-0.60	56003.89	55993.00781	55907.41118	55905.27734	505320.1	5408636.6
L5320.0	505320.1	5408636.6	13273.00000	333.39	110.81	48.830684	-86.927510	56004.36	56250.6	-0.60	56003.76	55992.86328	55907.00107	55904.77344	505320.1	5408636.6
L5320.0	505320.0	5408637.9	13273.09961	333.30	112.61	48.830697	-86.927510	56004.37	56250.6	-0.60	56003.77	55992.85938	55909.16758	55906.84766	505320.0	5408637.9
L5320.0	505320.0	5408639.3	13273.20020	331.84	109.42	48.830709	-86.927510	56004.21	56250.6	-0.60	56003.61	55992.67969	55907.25653	55904.84375	505320.0	5408639.3
L5320.0	505320.0	5408640.6	13273.29981	330.30	109.42	48.830720	-86.927510	56004.24	56250.6	-0.60	56003.64	55992.69141	55908.98031	55906.46875	505320.0	5408640.6
L5320.0	505320.0	5408642.1	13273.40039	330.12	111.59	48.830734	-86.927511	56004.12	56250.6	-0.60	56003.52	55992.54688	55907.04999	55904.44531	505320.0	5408642.1
L5320.0	505320.0	5408643.2	13273.50000	330.59	113.09	48.830744	-86.927511	56004.09	56250.6	-0.60	56003.49	55992.49609	55906.60401	55903.89844	505320.0	5408643.2
L5320.0	505320.0	5408644.2	13273.59961	333.12	114.31	48.830753	-86.927511	56003.98	56250.6	-0.60	56003.38	55992.35938	55903.99182	55901.18750	505320.0	5408644.2
L5320.0	505320.0	5408644.2	13273.70020	334.98	111.86	48.830753	-86.927511	56004.09	56250.6	-0.60	56003.49	55992.44141	55905.66101	55902.75781	505320.0	5408644.2
L5320.0	505320.0	5408645.7	13273.79981	333.43	111.86	48.830767	-86.927511	56004.09	56250.6	-0.60	56003.49	55992.41406	55904.51864	55901.51563	505320.0	5408645.7
L5320.0	505319.9	5408647.1	13273.90039	330.77	110.22	48.830779	-86.927511	56004.24	56250.6	-0.60	56003.64	55992.53516	55906.17313	55903.07031	505319.9	5408647.1
L5320.0	505319.9	5408647.1	13274.00000	330.81	109.85	48.830779	-86.927511	56004.24	56250.6	-0.60	56003.64	55992.50000	55904.14239	55900.93750	505319.9	5408647.1
L5320.0	505319.9	5408648.8	13274.09961	332.72	109.85	48.830795	-86.927512	56004.46	56250.6	-0.60	56003.87	55992.69531	55906.66855	55903.35938	505319.9	5408648.8
L5320.0	505319.9	5408650.4	13274.20020	333.06	109.37	48.830809	-86.927512	56004.57	56250.6	-0.59	56003.97	55992.76172	55905.94196	55902.52734	505319.9	5408650.4

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5320.0	505319.9	5408651.6	13274.29981	332.58	106.73	48.830819	-86.927512	56004.77	56250.6	-0.59	56004.18	55992.93359	55907.19665	55903.67969	505319.9	5408651.6
L5320.0	505319.9	5408652.9	13274.40039	331.79	106.73	48.830831	-86.927512	56004.90	56250.6	-0.59	56004.31	55993.02344	55906.28388	55902.66016	505319.9	5408652.9
L5320.0	505319.9	5408652.9	13274.50000	334.32	107.66	48.830831	-86.927512	56005.20	56250.6	-0.58	56004.61	55993.28516	55908.70658	55904.97656	505319.9	5408652.9
L5320.0	505319.9	5408654.3	13274.50000	334.32	107.66	48.830844	-86.927512	56005.31	56250.6	-0.58	56004.72	55993.35156	55906.53875	55902.70313	505319.9	5408654.3
L5320.0	505319.8	5408656.2	13274.59961	335.69	108.91	48.830861	-86.927512	56005.66	56250.6	-0.58	56005.08	55993.66797	55909.51768	55905.57422	505319.8	5408656.2
L5320.0	505319.8	5408657.1	13274.79981	334.90	110.46	48.830869	-86.927513	56005.84	56250.6	-0.58	56005.26	55993.80078	55908.12135	55904.07031	505319.8	5408657.1
L5320.0	505319.8	5408658.2	13274.90039	335.52	109.02	48.830879	-86.927513	56006.14	56250.6	-0.57	56005.57	55994.06250	55909.24493	55905.08594	505319.8	5408658.2
L5320.0	505319.8	5408659.6	13275.00000	337.37	109.02	48.830891	-86.927513	56006.44	56250.6	-0.57	56005.87	55994.31641	55909.77901	55905.51172	505319.8	5408659.6
L5320.0	505319.8	5408659.6	13275.09961	338.08	110.6	48.830891	-86.927513	56006.79	56250.6	-0.57	56006.22	55994.61328	55911.07359	55906.69922	505319.8	5408659.6
L5320.0	505319.8	5408660.9	13275.20020	336.76	107.01	48.830903	-86.927513	56007.13	56250.6	-0.58	56006.55	55994.89063	55911.56414	55907.08203	505319.8	5408660.9
L5320.0	505319.8	5408662.2	13275.29981	336.81	105.16	48.830915	-86.927513	56007.53	56250.6	-0.58	56006.95	55995.23828	55913.27953	55908.68750	505319.8	5408662.2
L5320.0	505319.8	5408663.6	13275.40039	334.82	105.16	48.830927	-86.927513	56007.84	56250.6	-0.59	56007.25	55995.48438	55912.40016	55907.69922	505319.8	5408663.6
L5320.0	505319.8	5408664.9	13275.50000	334.21	107.14	48.830939	-86.927513	56008.26	56250.6	-0.59	56007.67	55995.84766	55913.88037	55909.06641	505319.8	5408664.9
L5320.0	505319.8	5408665.9	13275.59961	335.63	107.14	48.830948	-86.927513	56008.70	56250.6	-0.59	56008.10	55996.21875	55915.24439	55910.32031	505319.8	5408665.9
L5320.0	505319.8	5408667.2	13275.70020	334.55	109.02	48.830959	-86.927513	56009.13	56250.6	-0.60	56008.53	55996.58984	55916.26894	55911.23828	505319.8	5408667.2
L5320.0	505319.8	5408667.2	13275.79981	333.17	105.59	48.830959	-86.927513	56009.65	56250.6	-0.60	56009.05	55997.04688	55918.98561	55913.84375	505319.8	5408667.2
L5320.0	505319.8	5408668.5	13275.90039	333.44	107.48	48.830972	-86.927514	56010.06	56250.6	-0.61	56009.45	55997.38672	55918.66328	55913.41016	505319.8	5408668.5
L5320.0	505319.7	5408669.8	13276.00000	334.20	107.48	48.830983	-86.927514	56010.66	56250.6	-0.61	56010.05	55997.92188	55922.51669	55917.15234	505319.7	5408669.8
L5320.0	505319.7	5408671.2	13276.09961	335.59	111.59	48.830996	-86.927514	56011.17	56250.6	-0.61	56010.56	55998.36719	55924.01115	55918.53906	505319.7	5408671.2
L5320.0	505319.7	5408671.9	13276.20020	335.82	113.39	48.831002	-86.927514	56011.70	56250.6	-0.61	56011.10	55998.83984	55925.85054	55920.26953	505319.7	5408671.9
L5320.0	505319.7	5408673.2	13276.29981	335.03	109.07	48.831014	-86.927514	56012.21	56250.6	-0.61	56011.60	55999.27344	55926.47073	55920.77734	505319.7	5408673.2
L5320.0	505319.7	5408674.7	13276.40039	335.35	109.07	48.831028	-86.927514	56012.86	56250.6	-0.61	56012.26	55999.86328	55930.37037	55924.57031	505319.7	5408674.7
L5320.0	505319.7	5408674.7	13276.50000	333.08	103.48	48.831028	-86.927514	56013.40	56250.6	-0.60	56012.79	56000.32422	55931.04381	55925.13281	505319.7	5408674.7
L5320.0	505319.7	5408677.2	13276.50000	333.08	103.48	48.831050	-86.927514	56014.08	56250.6	-0.60	56013.47	56000.93359	55934.78293	55928.76563	505319.7	5408677.2
L5320.0	505319.7	5408677.2	13276.70020	333.50	102.46	48.831050	-86.927514	56014.54	56250.6	-0.60	56013.93	56001.32031	55933.30500	55927.17969	505319.7	5408677.2
L5320.0	505319.7	5408679.0	13276.79981	333.35	102.46	48.831066	-86.927514	56015.24	56250.6	-0.60	56014.64	56001.95703	55937.14824	55930.91406	505319.7	5408679.0
L5320.0	505319.7	5408680.5	13276.90039	333.90	108.68	48.831080	-86.927514	56015.85	56250.6	-0.60	56015.25	56002.49219	55938.48573	55932.14453	505319.7	5408680.5
L5320.0	505319.7	5408680.5	13277.00000	332.63	107.69	48.831080	-86.927514	56016.51	56250.6	-0.60	56015.91	56003.07813	55940.68384	55934.23438	505319.7	5408680.5
L5320.0	505319.7	5408681.7	13277.09961	334.41	110.54	48.831090	-86.927514	56017.04	56250.6	-0.60	56016.44	56003.53125	55939.73612	55933.17969	505319.7	5408681.7
L5320.0	505319.7	5408683.0	13277.20020	334.07	110.54	48.831102	-86.927514	56017.85	56250.6	-0.60	56017.25	56004.26563	55944.79595	55938.13672	505319.7	5408683.0
L5320.0	505319.7	5408684.3	13277.29981	334.64	112.45	48.831114	-86.927514	56018.43	56250.6	-0.60	56017.83	56004.76563	55944.50656	55937.74219	505319.7	5408684.3
L5320.0	505319.7	5408686.1	13277.40039	334.33	112.45	48.831130	-86.927514	56019.21	56250.6	-0.60	56018.61	56005.46875	55948.45075	55941.58203	505319.7	5408686.1
L5320.0	505319.7	5408686.1	13277.50000	335.00	113.71	48.831130	-86.927514	56019.92	56250.6	-0.60	56019.32	56006.09766	55950.63239	55943.66016	505319.7	5408686.1
L5320.0	505319.7	5408687.4	13277.59961	334.32	113.71	48.831142	-86.927514	56020.73	56250.6	-0.60	56020.13	56006.82813	55954.83277	55947.75781	505319.7	5408687.4
L5320.0	505319.7	5408688.6	13277.70020	333.82	113.21	48.831152	-86.927514	56021.39	56250.6	-0.60	56020.79	56007.40625	55955.52691	55948.35156	505319.7	5408688.6
L5320.0	505319.7	5408690.1	13277.79981	331.48	113.55	48.831166	-86.927514	56022.22	56250.6	-0.60	56021.62	56008.15625	55959.79780	55952.52344	505319.7	5408690.1
L5320.0	505319.7	5408690.1	13277.90039	329.40	114.1	48.831166	-86.927514	56022.86	56250.6	-0.60	56022.26	56008.71094	55959.71188	55952.33594	505319.7	5408690.1
L5320.0	505319.7	5408691.4	13278.00000	329.23	114.1	48.831178	-86.927514	56023.70	56250.6	-0.60	56023.10	56009.46875	55963.86150	55956.38672	505319.7	5408691.4
L5320.0	505319.7	5408692.8	13278.09961	331.30	111.49	48.831190	-86.927515	56024.32	56250.6	-0.60	56023.72	56010.00781	55963.03286	55955.46094	505319.7	5408692.8
L5320.0	505319.7	5408694.1	13278.20020	331.64	107.95	48.831202	-86.927515	56025.16	56250.6	-0.60	56024.56	56010.76172	55966.87320	55959.20313	505319.7	5408694.1
L5320.0	505319.6	5408695.3	13278.29981	334.14	107.95	48.831212	-86.927515	56025.92	56250.6	-0.61	56025.31	56011.42969	55968.60535	55960.83984	505319.6	5408695.3
L5320.0	505319.6	5408695.3	13278.40039	332.86	105.84	48.831212	-86.927515	56026.75	56250.6	-0.61	56026.15	56012.18359	55972.16028	55964.30078	505319.6	5408695.3
L5320.0	505319.6	5408696.8	13278.50000	332.86	106.39	48.831226	-86.927515	56027.43	56250.6	-0.61	56026.82	56012.76953	55971.89912	55963.94922	505319.6	5408696.8
L5320.0	505319.6	5408698.1	13278.50000	332.86	109.74	48.831238	-86.927515	56028.34	56250.6	-0.61	56027.73	56013.59375	55976.71618	55968.67188	505319.6	5408698.1
L5320.0	505319.6	5408699.4	13278.70020	332.29	108.37	48.831250	-86.927515	56029.06	56250.6	-0.61	56028.44	56014.21875	55977.09501	55968.96094	505319.6	5408699.4
L5320.0	505319.6	5408700.6	13278.79981	333.71	108.37	48.831260	-86.927515	56029.86	56250.6	-0.62	56029.25	56014.94141	55979.52803	55971.30469	505319.6	5408700.6
L5320.0	505319.6	5408702.1	13278.90039	334.96	106.69	48.831274	-86.927515	56030.60	56250.6	-0.62	56029.98	56015.58594	55980.14187	55971.83203	505319.6	5408702.1
L5320.0	505319.6	5408703.2	13279.00000	333.51	109.16	48.831284	-86.927515	56031.46	56250.6	-0.62	56030.84	56016.35938	55983.46203	55975.06250	505319.6	5408703.2
L5320.0	505319.6	5408703.2	13279.09961	329.76	109.76	48.831284	-86.927515	56032.24	56250.6	-0.62	56031.63	56017.06641	55985.19787	55976.71484	505319.6	5408703.2
L5320.0	505319.6	5408704.4	13279.20020	329.21	109.76	48.831294	-86.927515	56033.02	56250.6	-0.61	56032.41	56017.75781	55986.64953	55978.08203	505319.6	5408704.4
L5320.0	505319.7	5408705.7	13279.29981	330.99	116.88	48.831306	-86.927515	56033.78	56250.6	-0.61	56033.17	56018.43359	55987.61199	55978.96484	505319.7	5408705.7
L5320.0	505319.7	5408706.8	13279.40039	331.28	111.52	48.831316	-86.927514	56034.67	56250.6	-0.60	56034.07	56019.24609	55991.52615	55982.79688	505319.7	5408706.8
L5320.0	505319.7	5408708.3	13279.50000	332.01	112.84	48.831330	-86.927514	56035.48	56250.6	-0.60	56034.88	56019.97266	55993.46889	55984.66016	505319.7	5408708.3
L5320.0	505319.7	5408708.3	13279.59961	331.29	112.84	48.831330	-86.927514	56036.36	56250.6	-0.60	56035.77	56020.77734	55997.09763	55988.21094	505319.7	5408708.3
L5320.0	505319.7	5408711.0	13279.70020	331.29	108.36	48.831354	-86.927514	56037.07	56250.6	-0.59	56036.48	56021.40234	55996.83686	55987.87500	505319.7	5408711.0
L5320.0	505319.7	5408711.0	13279.79981	333.77	108.79	48.831354	-86.927514	56037.91	56250.6	-0.59	56037.32	56022.15625	55999.35526	55990.31641	505319.7	5408711.0
L5320.0	505319.7	5408712.1	13279.90039	333.14	108.79	48.831364	-86.927514	56038.62	56250.6	-0.58	56038.03	56022.78125	55999.06791	55989.95703	505319.7	5408712.1
L5320.0	505319.7	5408713.4	13280.00000	332.86	111.95	48.831376	-86.927514	56039.42	56250.6	-0.58	56038.84	56023.50781	56000.93736	55991.75391	505319.7	5408713.4
L5320.0	505319.7	5408714.8	13280.09961	332.86	110.68	48.831388	-86.927514	56040.26	56250.6	-0.58	56039.67	56024.25391	56003.25254	55994.00000	505319.7	5408714.8
L5320.0	505319.7	5408715.9	13280.20020	333.28	110.68	48.831398	-86.927514	56041.07	56250.6	-0.59	56040.48	56024.98047	56005.15901	55995.83594	505319.7	5408715.9
L5320.0	505319.7	5408717.3	13280.29981	333.72	110.68	48.831410	-86.927514	56041.88	56250.6	-0.60	56041.28	56025.69531	56006.88141	55997.49219	505319.7	5408717.3
L5320.0	505319.7	5408717.3	13280.40039	334.04	110.68	48.831410	-86.927514	56042.59	56250.6	-0.60	56041.99	56026.32422	56006.68550	55997.23047	505319.7	5408717.3
L5320.0	505319.7	5408718.5	13280.50000	333.27	110.68	48.831421	-86.927514	56043.50	56250.6	-0.60	56042.89	56027.14063	56010.67893	56001.16016	505319.7	5408718.5
L5320.0	505319.7	5408719.8	13280.50000	333.27	110.68	48.831433	-86.927514	56044.26	56250.6	-0.60	56043.65	56027.82031	56011.67972	56002.10156	505319.7	5408719.8
L5320.0	505319.7	5408720.7	13280.70020	332.99	110.68	48.831441	-86.927514	56045.02	56250.6	-0.61	56044.40	56028.48828	56012.52636	56002.88672	505319.7	5408720.7
L5320.0	505319.7	5408722.3	13280.79981	333.23	116.29	48.831455	-86.927514	56045.82	56250.6	-0.62	56045.20	56029.20703	56014.53925	56004.83984	505319.7	5408722.3
L5320.0	505319.7	5408722.3	13280.90039	333.44	116.29	48.831455	-86.927514	56046.58	56250.6	-0.63	56045.96	56029.89063	56015.75345	56006.00000	505319.7	5408722.3
L5320.0	505319.6	5408723.9	13281.00000	333.68	116.29	48.831470	-86.927515	56047.36	56250.6	-0.63	56046.73	56030.58203	56017.26944	56007.45703	505319.6	5408723.9
L5320.0	505319.6	5408725.2	13281.09961	333.51	116.29	48.831482	-86.927515	56048.07	56250.6	-0.63	56047.45	56031.22266	56017.77685	56007.91016	505319.6	5408725.2
L5320.0	505319.6	5408726.6	13281.20020	333.82	116.29	48.831494	-86.927515	56048.89	56250.6	-0.63	56048.26	56031.95703	56020.35284	56010.43750	505319.6	5408726.6
L5320.0	505319.6	5408727.9	13281.29981	334.38	116.29	48.831506	-86.927515	56049.59	56250.6	-0.63	56048.97	56032.58984	56020.83326	56010.86719	505319.6	5408727.9
L5320.0	505319.6	5408729.3	13281.40039	334.58	116.29	48.831518	-86.927515	56050.40	56250.6	-0.63	56049.77	56033.31250	56023.38541	56013.37109	505319.6	5408729.3
L5320.0	505319.6	5408729.3	13281.50000	333.36	112.95	48.831518	-86.927515	56051.06	56250.6	-0.63	56050.43	56033.89844	56022.97708	56012.91406	505319.6	5408729.3
L5320.0	505319.6	5408730.8	13281.59961	334.14	112.95	48.831532	-86.927515	56051.77	56250.6	-0.62	56051.14	56034.53516	56023.76930	56013.66016	505319.6	5408730.8
L5320.0	505319.6	5408732.2	13281.70020	334.19	116.84	48.831545	-86.927515	56052.43	56250.6	-0.62	56051.80	56035.12109	56023.58089	56013.42969	505319.6	5408732.2
L5320.0	505319.6	5408733.6	13281.79981	333.69	116.84	48.831557	-86.927515	56053.21	56250.6	-0.62	56052.58	56035.83203	56026.11205	56015.91797	505319.6	5408733.6
L5320.0	505319.6	5408734.7	13281.90039	334.56	113.2	48.831567	-86.927515	56053.94	56250.6	-0.62	56053.32	56036.50000	56027.87856	56017.64453	505319.6	5408734.7
L5320.0	505319.6	5408734.7	13282.00000	332.54	113.2	48.831567	-86.927515	56054.68	56250.6	-0.62	56054.06	56037.17188	56029.75073	56019.47656	505319.6	5408734.7
L5320.0	505319.6	5408736.0	13282.09961	332.13	114.85	48.831579	-86.927515	56055.39	56250.6	-0.62	56054.77	56037.81250	56031.07992	56020.76563	505319.6	5408736.0
L5320.0	505319.6	5408737.4	13282.20020	330.04	114.85	48.831591	-86.927515	56056.22	56250.6	-0.62	56055.60	56038.57422	56035.09986	56024.75000	505319.6	5408737.4
L5320.0	505319.6	5408738.6	13282.29981	329.49	114.85	48.831602	-86.927515	56056.78	56250.6	-0.62	56056.16	56039.07031	56033.40700	56023.02344	505319.6	5408738.6
L5320.0	505319.6	5408740.4	13282.40039	329.39	114.85	48.831618	-86.927515	56057.54	56250.6	-0.62	56056.92	56039.76563	56036.12509	56025.70703	505319.6	5408740.4
L5320.0	505319.6	5408741.2	13282.50000	331.08	114.85	48.831626	-86.927515	56058.20	56250.6	-0.62	56057.58	56040.35938	56036.79400	56026.34375	505319.6	5408741.2
L5320.0	505319.6	5408741.2	13282.50000	331.08	118.79	48.831626	-86.927515	56058.95	56250.6	-0.62	56058.33	56041.04688	56039.50882	56029.03125	505319.6	5408741.2
L5320.0	505319.6	5408743.0	13282.70020	331.51	118.79	48.831642	-86.927515	56059.54	56250.6	-0.62	56058.92	56041.57813	56038.87552	56028.36719	505319.6	5408743.0
L5320.0	505319.6	5408744.1	13282.79981	332.37	118.79	48.831652	-86.927515	56060.17	56250.6	-0.62	56059.55	56042.14453	56039.20789	56028.67188	505319.6	5408744.1
L5320.0	505319.6	5408745.5	13282.90039	334.19	118.79	48.831664	-86.927515	56060.77	56250.6	-0.62	56060.15	56042.68750	56038.98775	56028.42578	505319.6	5408745.5
L5320.0	505319.6	5408746.2	13283.00000	335.30	118.79	48.831670	-86.927515	56061.45	56250.6	-0.62	56060.83	56043.30859	56040.62967	56030.04297	505319.6	5408746.2
L5320.0	505319.6	5408747.5	13283.09961	333.07	118.79	48.831682	-86.927514	56062.04	56250.6	-0.62	56061.42	56043.84375	56040.39929	56029.78906	505319.6	5408747.5
L5320.0	505319.6	5408748.9	13283.20020	333.15	118.79	48.831694	-86.927514	56062.80	56250.6	-0.62	56062.17	56044.53906	56043.86947	56033.23828	505319.6	5408748.9
L5320.0	505319.7	5408750.4	13283.29981	332.26	115.87	48.831709	-86.927514	56063.40	56250.6	-0.62	56062.78	56045.09375	56044.35042	56033.69922	505319.7	5408750.4
L5320.0	505319.7	5408750.4	13283.40039	333.41	118.09	48.831709	-86.927514	56064.04	56250.6	-0.62	56063.41	56045.67188	56045.43006	56034.75781	505319.7	5408750.4
L5320.0	505319.7	5408752.0	13283.50000	333.17	118.09	48.831723	-86.927514	56064.63	56250.6	-0.63	56064.00	56046.21094	56045.74053	56035.05078	505319.7	5408752.0

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5320.0	505319.7	5408753.3	13283.59961	333.38	118.09	48.831735	-86.927513	56065.27	56250.6	-0.63	56064.65	56046.81250	56047.61663	56036.90625	505319.7	5408753.3
L5320.0	505319.7	5408754.5	13283.70020	332.68	111.05	48.831745	-86.927513	56065.76	56250.6	-0.63	56065.13	56047.24609	56045.63976	56034.91406	505319.7	5408754.5
L5320.0	505319.7	5408755.8	13283.79981	334.95	106.14	48.831757	-86.927513	56066.34	56250.6	-0.63	56065.71	56047.77734	56046.19980	56035.46094	505319.7	5408755.8
L5320.0	505319.7	5408757.0	13283.90039	336.76	106.14	48.831767	-86.927513	56066.87	56250.6	-0.63	56066.24	56048.26172	56045.81469	56035.05859	505319.7	5408757.0
L5320.0	505319.7	5408757.0	13284.00000	340.09	106.14	48.831767	-86.927513	56067.55	56250.6	-0.63	56066.92	56048.89844	56049.36513	56038.59766	505319.7	5408757.0
L5320.0	505319.8	5408758.5	13284.09961	341.43	106.14	48.831782	-86.927512	56068.09	56250.6	-0.63	56067.46	56049.39453	56049.68412	56038.90234	505319.8	5408758.5
L5320.0	505319.8	5408760.1	13284.20020	341.61	111.65	48.831796	-86.927512	56068.67	56250.6	-0.63	56068.04	56049.93359	56051.14210	56040.35156	505319.8	5408760.1
L5320.0	505319.8	5408760.1	13284.29981	341.25	106.09	48.831796	-86.927512	56069.20	56250.6	-0.63	56068.57	56050.42578	56051.55443	56040.75391	505319.8	5408760.1
L5320.0	505319.8	5408761.9	13284.40039	342.72	106.09	48.831812	-86.927512	56069.66	56250.6	-0.63	56069.03	56050.84766	56050.43580	56039.62500	505319.8	5408761.9
L5320.0	505319.8	5408763.3	13284.50000	343.49	106.08	48.831824	-86.927512	56070.16	56250.6	-0.63	56069.54	56051.32031	56050.69969	56039.87891	505319.8	5408763.3
L5320.0	505319.8	5408764.4	13284.50000	343.49	106.08	48.831834	-86.927511	56070.71	56250.6	-0.63	56070.09	56051.83594	56052.10338	56041.27344	505319.8	5408764.4
L5320.0	505319.8	5408766.0	13284.59961	342.95	109.81	48.831848	-86.927511	56071.24	56250.6	-0.62	56070.62	56052.33203	56053.19017	56042.35547	505319.8	5408766.0
L5320.0	505319.8	5408766.0	13284.79981	341.25	109.81	48.831848	-86.927511	56071.70	56250.6	-0.62	56071.08	56052.75781	56052.78234	56041.94141	505319.8	5408766.0
L5320.0	505319.9	5408767.1	13284.90039	341.35	113.23	48.831859	-86.927511	56072.28	56250.6	-0.62	56071.66	56053.30859	56055.60338	56044.75391	505319.9	5408767.1
L5320.0	505319.9	5408768.2	13285.00000	341.05	113.23	48.831869	-86.927511	56072.87	56250.6	-0.62	56072.25	56053.86719	56058.79135	56047.93750	505319.9	5408768.2
L5320.0	505319.9	5408769.8	13285.09961	338.20	113.84	48.831883	-86.927510	56073.29	56250.6	-0.62	56072.67	56054.26172	56058.11115	56047.25000	505319.9	5408769.8
L5320.0	505319.9	5408771.1	13285.20020	335.54	112.98	48.831894	-86.927510	56073.80	56250.6	-0.62	56073.18	56054.74219	56059.69817	56048.83594	505319.9	5408771.1
L5320.0	505319.9	5408771.1	13285.29981	332.55	112.98	48.831894	-86.927510	56074.18	56250.6	-0.62	56073.56	56055.09766	56058.44694	56047.57813	505319.9	5408771.1
L5320.0	505319.9	5408772.5	13285.40039	330.90	111.63	48.831907	-86.927510	56074.71	56250.6	-0.62	56074.09	56055.60547	56060.75669	56049.88672	505319.9	5408772.5
L5320.0	505320.0	5408773.8	13285.50000	330.91	111.63	48.831919	-86.927509	56075.12	56250.6	-0.62	56074.50	56055.99219	56060.48479	56049.60938	505320.0	5408773.8
L5320.0	505320.0	5408775.4	13285.59961	328.30	111.68	48.831933	-86.927509	56075.60	56250.6	-0.62	56074.98	56056.45313	56061.89978	56051.02344	505320.0	5408775.4
L5320.0	505320.0	5408775.4	13285.70020	326.74	110.99	48.831933	-86.927509	56076.02	56250.6	-0.62	56075.40	56056.85156	56062.10805	56051.23047	505320.0	5408775.4
L5320.0	505320.0	5408777.1	13285.79981	325.40	110.99	48.831949	-86.927509	56076.45	56250.6	-0.62	56075.83	56057.26563	56062.66226	56051.78125	505320.0	5408777.1
L5320.0	505320.0	5408778.7	13285.90039	324.92	102.49	48.831963	-86.927508	56076.94	56250.6	-0.62	56076.32	56057.73828	56064.64693	56053.76172	505320.0	5408778.7
L5320.0	505320.1	5408780.1	13286.00000	327.31	102.49	48.831975	-86.927508	56077.32	56250.6	-0.62	56076.70	56058.10156	56064.35921	56053.47266	505320.1	5408780.1
L5320.0	505320.1	5408780.1	13286.09961	327.25	97.66	48.831975	-86.927508	56077.75	56250.6	-0.62	56077.13	56058.51563	56065.28663	56054.39844	505320.1	5408780.1
L5320.0	505320.1	5408781.7	13286.20020	329.44	100.39	48.831990	-86.927508	56078.11	56250.6	-0.62	56077.49	56058.86328	56064.82488	56053.93750	505320.1	5408781.7
L5320.0	505320.1	5408783.0	13286.29981	331.77	100.39	48.832002	-86.927507	56078.53	56250.6	-0.62	56077.91	56059.27344	56065.80185	56054.91406	505320.1	5408783.0
L5320.0	505320.1	5408783.0	13286.40039	334.95	101.94	48.832002	-86.927507	56078.84	56250.6	-0.62	56078.22	56059.57422	56064.52896	56053.63672	505320.1	5408783.0
L5320.0	505320.1	5408784.9	13286.50000	337.44	104.13	48.832018	-86.927507	56079.34	56250.6	-0.62	56078.72	56060.06641	56067.52423	56056.63281	505320.1	5408784.9
L5320.0	505320.1	5408786.2	13286.50000	337.44	104.13	48.832030	-86.927507	56079.62	56250.6	-0.62	56079.00	56060.33594	56065.88024	56054.98828	505320.1	5408786.2
L5320.0	505320.2	5408787.8	13286.70020	339.16	107.43	48.832044	-86.927507	56080.07	56250.6	-0.62	56079.45	56060.78125	56068.07100	56057.17578	505320.2	5408787.8
L5320.0	505320.2	5408789.0	13286.79981	340.20	107.43	48.832055	-86.927506	56080.43	56250.6	-0.62	56079.81	56061.13672	56068.44764	56057.55078	505320.2	5408789.0
L5320.0	505320.2	5408789.0	13286.90039	340.75	106.74	48.832055	-86.927506	56080.76	56250.6	-0.62	56080.14	56061.46484	56068.31489	56057.41797	505320.2	5408789.0
L5320.0	505320.2	5408790.5	13287.00000	341.28	106.74	48.832069	-86.927506	56081.03	56250.6	-0.62	56080.41	56061.73047	56067.02804	56056.12891	505320.2	5408790.5
L5320.0	505320.2	5408791.7	13287.09961	338.76	101.97	48.832080	-86.927506	56081.42	56250.6	-0.62	56080.80	56062.12109	56068.48188	56057.58203	505320.2	5408791.7
L5320.0	505320.2	5408791.7	13287.20020	336.75	101.66	48.832080	-86.927506	56081.74	56250.6	-0.62	56081.12	56062.44141	56068.56838	56057.66797	505320.2	5408791.7
L5320.0	505320.2	5408795.1	13287.29981	334.01	97.86	48.832111	-86.927505	56082.13	56250.6	-0.62	56081.51	56062.83203	56070.29997	56059.39453	505320.2	5408795.1
L5320.0	505320.2	5408795.1	13287.40039	333.34	97.86	48.832111	-86.927505	56082.42	56250.6	-0.62	56081.80	56063.12500	56070.03863	56059.13281	505320.2	5408795.1
L5320.0	505320.3	5408796.5	13287.50000	331.41	110.03	48.832123	-86.927505	56082.75	56250.6	-0.63	56082.13	56063.45703	56070.77457	56059.86719	505320.3	5408796.5
L5320.0	505320.3	5408797.4	13287.59961	329.16	110.03	48.832131	-86.927505	56083.11	56250.6	-0.63	56082.49	56063.82422	56072.26812	56061.35547	505320.3	5408797.4
L5320.0	505320.3	5408798.8	13287.70020	325.84	109.68	48.832144	-86.927504	56083.43	56250.6	-0.63	56082.81	56064.14844	56073.04856	56062.13281	505320.3	5408798.8
L5320.0	505320.3	5408798.8	13287.79981	324.69	110.13	48.832144	-86.927504	56083.72	56250.6	-0.63	56083.09	56064.43750	56073.13747	56062.21875	505320.3	5408798.8
L5320.0	505320.3	5408800.4	13287.90039	324.01	110.13	48.832158	-86.927504	56083.97	56250.6	-0.63	56083.34	56064.69531	56072.75844	56061.83594	505320.3	5408800.4
L5320.0	505320.3	5408801.5	13288.00000	324.03	110.46	48.832168	-86.927504	56084.20	56250.6	-0.63	56083.57	56064.93359	56072.12254	56061.19531	505320.3	5408801.5
L5320.0	505320.4	5408803.1	13288.09961	325.78	110.11	48.832183	-86.927503	56084.43	56250.6	-0.63	56083.80	56065.17578	56071.62140	56060.69141	505320.4	5408803.1
L5320.0	505320.4	5408804.5	13288.20020	327.22	98.84	48.832195	-86.927503	56084.65	56250.6	-0.63	56084.02	56065.40625	56071.04617	56060.10938	505320.4	5408804.5
L5320.0	505320.4	5408805.8	13288.29981	328.52	98.84	48.832207	-86.927503	56084.90	56250.6	-0.62	56084.28	56065.67969	56071.32573	56060.38281	505320.4	5408805.8
L5320.0	505320.4	5408805.8	13288.40039	328.78	103.97	48.832207	-86.927503	56085.24	56250.6	-0.62	56084.62	56066.03516	56073.16363	56062.21484	505320.4	5408805.8
L5320.0	505320.5	5408807.2	13288.50000	330.09	109.2	48.832219	-86.927502	56085.51	56250.6	-0.62	56084.89	56066.31641	56073.72580	56062.77344	505320.5	5408807.2
L5320.0	505320.5	5408807.2	13288.50000	330.09	109.2	48.832219	-86.927502	56085.74	56250.6	-0.62	56085.12	56066.56250	56073.57804	56062.61719	505320.5	5408807.2
L5320.0	505320.5	5408810.3	13288.70020	328.52	108.33	48.832247	-86.927501	56085.99	56250.6	-0.62	56085.38	56066.83984	56074.02461	56063.05859	505320.5	5408810.3
L5320.0	505320.5	5408810.3	13288.79981	327.95	108.38	48.832247	-86.927501	56086.24	56250.6	-0.61	56085.62	56067.09766	56074.13562	56063.16016	505320.5	5408810.3
L5320.0	505320.6	5408811.7	13288.90039	328.47	106.96	48.832260	-86.927501	56086.55	56250.6	-0.61	56085.94	56067.43750	56075.82211	56064.83984	505320.6	5408811.7
L5320.0	505320.6	5408813.1	13289.00000	327.69	107.91	48.832272	-86.927500	56086.78	56250.6	-0.61	56086.17	56067.68750	56075.86145	56064.87109	505320.6	5408813.1
L5320.0	505320.6	5408813.1	13289.09961	326.30	107.91	48.832272	-86.927500	56087.00	56250.6	-0.61	56086.39	56067.92578	56075.76545	56064.76563	505320.6	5408813.1
L5320.0	505320.6	5408815.6	13289.20020	324.59	109.04	48.832294	-86.927500	56087.21	56250.6	-0.62	56086.60	56068.15625	56075.53358	56064.52344	505320.6	5408815.6
L5320.0	505320.6	5408815.6	13289.29981	324.03	105.04	48.832294	-86.927500	56087.54	56250.6	-0.62	56086.92	56068.50000	56077.67401	56066.65625	505320.6	5408815.6
L5320.0	505320.7	5408816.9	13289.40039	325.17	105.04	48.832307	-86.927499	56087.71	56250.6	-0.62	56087.09	56068.69141	56076.82454	56065.79297	505320.7	5408816.9
L5320.0	505320.7	5408818.2	13289.50000	325.92	103.24	48.832319	-86.927499	56087.92	56250.6	-0.63	56087.29	56068.91797	56076.70342	56065.66406	505320.7	5408818.2
L5320.0	505320.7	5408819.4	13289.59961	327.29	103.44	48.832329	-86.927499	56088.12	56250.6	-0.63	56087.49	56069.14063	56076.69909	56065.64844	505320.7	5408819.4
L5320.0	505320.7	5408820.6	13289.70020	331.05	105.31	48.832340	-86.927498	56088.32	56250.6	-0.63	56087.69	56069.36719	56076.82042	56065.75781	505320.7	5408820.6
L5320.0	505320.8	5408822.1	13289.79981	334.07	106.73	48.832353	-86.927498	56088.42	56250.6	-0.63	56087.78	56069.48047	56074.56559	56063.48828	505320.8	5408822.1
L5320.0	505320.8	5408822.8	13289.90039	339.24	108.02	48.832360	-86.927498	56088.63	56250.6	-0.64	56087.99	56069.71875	56075.16213	56064.07422	505320.8	5408822.8
L5320.0	505320.8	5408824.4	13290.00000	344.41	108.02	48.832374	-86.927497	56088.72	56250.6	-0.64	56088.08	56069.83594	56073.12151	56062.01953	505320.8	5408824.4
L5320.0	505320.8	5408824.4	13290.09961	345.74	108.43	48.832374	-86.927497	56088.90	56250.6	-0.64	56088.26	56070.04688	56073.31138	56062.19531	505320.8	5408824.4
L5320.0	505320.8	5408825.8	13290.20020	347.12	109.86	48.832386	-86.927497	56089.11	56250.6	-0.64	56088.47	56070.28516	56074.36309	56063.23438	505320.8	5408825.8
L5320.0	505320.8	5408827.1	13290.29981	347.32	109.86	48.832398	-86.927497	56089.38	56250.6	-0.64	56088.74	56070.58594	56076.97512	56065.83203	505320.8	5408827.1
L5320.0	505320.9	5408828.5	13290.40039	347.47	109.86	48.832411	-86.927497	56089.48	56250.6	-0.64	56088.84	56070.71484	56075.76685	56064.60547	505320.9	5408828.5
L5320.0	505320.9	5408829.5	13290.50000	346.67	106.17	48.832420	-86.927496	56089.64	56250.6	-0.63	56089.01	56070.91406	56076.34568	56065.17188	505320.9	5408829.5
L5320.0	505320.9	5408830.7	13290.50000	346.67	108.94	48.832431	-86.927496	56089.68	56250.6	-0.63	56089.05	56070.98828	56074.12189	56062.92969	505320.9	5408830.7
L5320.0	505320.9	5408832.3	13290.70020	340.09	109.24	48.832445	-86.927496	56089.96	56250.6	-0.63	56089.33	56071.30078	56077.47551	56066.26953	505320.9	5408832.3
L5320.0	505320.9	5408832.3	13290.79981	337.09	109.26	48.832445	-86.927496	56090.06	56250.6	-0.63	56089.43	56071.43359	56076.93503	56065.71094	505320.9	5408832.3
L5320.0	505320.9	5408834.2	13290.90039	334.59	109.26	48.832462	-86.927496	56090.25	56250.6	-0.63	56089.62	56071.65625	56078.48248	56067.24219	505320.9	5408834.2
L5320.0	505320.9	5408835.3	13291.00000	331.83	107.97	48.832472	-86.927496	56090.39	56250.6	-0.63	56089.76	56071.83203	56079.06463	56067.80859	505320.9	5408835.3
L5320.0	505320.9	5408835.3	13291.09961	328.95	107	48.832472	-86.927496	56090.50	56250.6	-0.63	56089.87	56071.97656	56079.15259	56067.87891	505320.9	5408835.3
L5320.0	505320.9	5408837.6	13291.20020	326.33	107	48.832493	-86.927495	56090.54	56250.6	-0.63	56089.91	56072.05078	56078.02536	56066.73047	505320.9	5408837.6
L5320.0	505320.9	5408838.8	13291.29981	323.16	107.13	48.832503	-86.927495	56090.70	56250.6	-0.63	56090.07	56072.24609	56078.67004	56067.35938	505320.9	5408838.8
L5320.0	505320.9	5408838.8	13291.40039	320.55	107.29	48.832503	-86.927495	56090.75	56250.6	-0.63	56090.12	56072.33594	56077.61692	56066.28516	505320.9	5408838.8
L5320.0	505320.9	5408840.1	13291.50000	318.39	107.29	48.832516	-86.927495	56090.91	56250.6	-0.63	56090.28	56072.53125	56079.19206	56067.84375	505320.9	5408840.1
L5320.0	505320.9	5408842.2	13291.59961	316.01	108.38	48.832534	-86.927495	56091.02	56250.6	-0.63	56090.39	56072.67969	56079.61537	56068.25000	505320.9	5408842.2
L5320.0	505320.9	5408842.2	13291.70020	314.84	107.16	48.832534	-86.927495	56091.16	56250.6	-0.63	56090.53	56072.85938	56080.68120	56069.29688	505320.9	5408842.2
L5320.0	505321.0	5408843.8	13291.79981	314.33	108.18	48.832548	-86.927495	56091.20	56250.6	-0.63	56090.57	56072.93750	56079.60175	56068.19531	505321.0	5408843.8
L5320.0	505321.0	5408844.7	13291.90039	314.14	108.18	48.832557	-86.927495	56091.41	56250.6	-0.63	56090.78	56073.18359	56082.10995	56070.68359	505321.0	5408844.7
L5320.0	505321.0	5408846.3	13292.00000	314.03	108.37	48.832571	-86.927495	56091.51	56250.6	-0.63	56090.88	56073.32422	56082.29428	56070.85156	505321.0	5408846.3
L5320.0	505321.0	5408847.0	13292.09961	315.54	108.37	48.832578	-86.927495	56091.73	56250.6	-0.63	56091.10	56073.58594	56085.04371	56073.58203	505321.0	5408847.0
L5320.0	505321.0	5408848.4	13292.20020	316.15	108.88	48.832590	-86.927495	56091.71	56250.6	-0.63	56091.08	56073.60547	56082.70066	56071.21875	505321.0	5408848.4
L5320.0	505321.0	5408850.0	13292.29981	316.06	108.16	48.832604	-86.927495	56091.81	56250.6	-0.63	56091.18	56073.74609	56082.95547	56071.45313	505321.0	5408850.0
L5320.0	505321.0	5408850.0	13292.40039	317.87	105.72	48.832604	-86.927495	56091.88	56250.6	-0.63	56091.25	56073.85938	56082.58876	56071.06641	505321.0	5408850.0
L5320.0	505321.0	5408851.6	13292.50000	323.44	105.72	48.832618	-86.927494	56091.96	56250.6	-0.63	56091.33	56073.98047	56082.49740	56070.95703	505321.0	5408851.6
L5320.0	505321.0	5408852.8	13292.50000	323.44	102.41	48.832629	-86.927494	56091.89	56250.6	-0.63	56091.26	56073.95313	56078.84919	56067.28906	505321.0	5408852.8
L5320.0	505321.0	5408854.3	13292.70020	329.10	104.08	48.832643	-86.927494	56092.06	56250.6	-0.63	56091.43	56074.16797	56081.19253	56069.61328	505321.0	5408854.3
L5320.0	505321.0	5408855.2	13292.79981	334.83	104.08	48.832651	-86.927494	56092.02	56250.6	-0.63	56091.39	56074.17188	56078.88186	56067.28125	505321.0	5408855.2

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5320.0	505321.0	5408856.6	13292.90039	338.06	106.57	48.832664	-86.927495	56092.17	56250.6	-0.63	56091.54	56074.36719	56080.32454	56068.70703	505321.0	5408856.6
L5320.0	505321.0	5408856.6	13293.00000	340.21	107.95	48.832664	-86.927495	56092.21	56250.6	-0.63	56091.58	56074.44922	56079.68963	56068.05078	505321.0	5408856.6
L5320.0	505321.0	5408858.0	13293.09961	341.37	109.13	48.832676	-86.927495	56092.32	56250.6	-0.63	56091.69	56074.60547	56080.60680	56068.94922	505321.0	5408858.0
L5320.0	505321.0	5408859.1	13293.20020	340.93	110.49	48.832686	-86.927495	56092.37	56250.6	-0.63	56091.74	56074.69922	56080.38653	56068.71094	505321.0	5408859.1
L5320.0	505321.0	5408860.7	13293.29981	340.12	110.49	48.832701	-86.927495	56092.46	56250.6	-0.63	56091.83	56074.83594	56081.15363	56069.46094	505321.0	5408860.7
L5320.0	505321.0	5408861.9	13293.40039	339.15	110.41	48.832711	-86.927495	56092.37	56250.6	-0.63	56091.73	56074.78125	56077.81161	56066.09766	505321.0	5408861.9
L5320.0	505321.0	5408862.8	13293.50000	336.96	109.55	48.832719	-86.927495	56092.55	56250.6	-0.63	56091.91	56075.00781	56080.84635	56069.11719	505321.0	5408862.8
L5320.0	505321.0	5408864.1	13293.59961	334.36	109.55	48.832731	-86.927495	56092.44	56250.6	-0.64	56091.80	56074.94531	56077.42617	56065.67969	505321.0	5408864.1
L5320.0	505321.0	5408865.5	13293.70020	332.76	110.2	48.832744	-86.927495	56092.57	56250.6	-0.64	56091.94	56075.13281	56079.84140	56068.07813	505321.0	5408865.5
L5320.0	505321.0	5408866.7	13293.79981	332.11	110.83	48.832754	-86.927495	56092.48	56250.6	-0.64	56091.85	56075.09375	56077.07440	56065.29297	505321.0	5408866.7
L5320.0	505321.0	5408868.0	13293.90039	330.75	108.42	48.832766	-86.927495	56092.65	56250.6	-0.64	56092.01	56075.30078	56080.21536	56068.41797	505321.0	5408868.0
L5320.0	505321.0	5408868.0	13294.00000	332.12	108.42	48.832766	-86.927495	56092.52	56250.6	-0.64	56091.88	56075.21875	56076.76034	56064.94922	505321.0	5408868.0
L5320.0	505321.0	5408869.2	13294.09961	333.01	108.05	48.832777	-86.927495	56092.70	56250.6	-0.64	56092.05	56075.44141	56080.35005	56068.52344	505321.0	5408869.2
L5320.0	505321.0	5408870.7	13294.20020	333.82	108.54	48.832791	-86.927495	56092.68	56250.6	-0.64	56092.03	56075.46875	56079.65497	56067.81250	505321.0	5408870.7
L5320.0	505321.0	5408871.9	13294.29981	336.32	108.54	48.832801	-86.927495	56092.74	56250.6	-0.65	56092.10	56075.58984	56081.10460	56069.24609	505321.0	5408871.9
L5320.0	505321.0	5408871.9	13294.40039	336.36	106.46	48.832801	-86.927495	56092.70	56250.6	-0.65	56092.05	56075.58984	56079.91530	56068.04688	505321.0	5408871.9
L5320.0	505321.0	5408873.7	13294.50000	333.65	101.98	48.832818	-86.927494	56092.82	56250.7	-0.65	56092.17	56075.76172	56082.61319	56070.73047	505321.0	5408873.7
L5320.0	505321.0	5408874.9	13294.50000	333.65	101.98	48.832828	-86.927494	56092.70	56250.7	-0.65	56092.05	56075.69531	56080.02888	56068.13281	505321.0	5408874.9
L5320.0	505321.0	5408876.3	13294.59961	331.26	103.8	48.832841	-86.927494	56092.75	56250.7	-0.65	56092.10	56075.79688	56081.28126	56069.37500	505321.0	5408876.3
L5320.0	505321.0	5408877.6	13294.79981	327.10	107.87	48.832853	-86.927494	56092.70	56250.7	-0.66	56092.04	56075.78906	56080.18238	56068.26563	505321.0	5408877.6
L5320.0	505321.0	5408879.0	13294.90039	330.26	100.67	48.832865	-86.927494	56092.72	56250.7	-0.66	56092.06	56075.86328	56080.89354	56068.96484	505321.0	5408879.0
L5320.0	505321.0	5408880.2	13295.00000	335.80	100.67	48.832876	-86.927494	56092.62	56250.7	-0.66	56091.96	56075.81641	56079.07450	56067.13672	505321.0	5408880.2
L5320.0	505321.0	5408880.2	13295.09961	340.67	97.11	48.832876	-86.927494	56092.65	56250.7	-0.66	56091.99	56075.89844	56080.12184	56068.17578	505321.0	5408880.2
L5320.0	505321.0	5408881.7	13295.20020	341.26	99.55	48.832890	-86.927494	56092.62	56250.7	-0.65	56091.96	56075.92188	56079.94113	56067.98828	505321.0	5408881.7
L5320.0	505321.0	5408882.7	13295.29981	338.54	99.55	48.832898	-86.927494	56092.60	56250.7	-0.65	56091.95	56075.96875	56080.24914	56068.28906	505321.0	5408882.7
L5320.0	505321.0	5408884.1	13295.40039	334.10	96.13	48.832911	-86.927494	56092.55	56250.6	-0.65	56091.90	56075.97266	56079.76880	56067.80469	505321.0	5408884.1
L5320.0	505321.0	5408885.3	13295.50000	330.51	96.13	48.832922	-86.927494	56092.56	56250.6	-0.65	56091.92	56076.05078	56080.83143	56068.86328	505321.0	5408885.3
L5320.0	505321.0	5408886.4	13295.59961	327.65	100.47	48.832932	-86.927494	56092.52	56250.6	-0.64	56091.88	56076.06641	56080.68186	56068.70703	505321.0	5408886.4
L5320.0	505321.0	5408886.4	13295.70020	325.34	99.48	48.832932	-86.927494	56092.46	56250.6	-0.64	56091.82	56076.06250	56080.16785	56068.19141	505321.0	5408886.4
L5320.0	505321.0	5408888.2	13295.79981	326.00	99.48	48.832948	-86.927494	56092.52	56250.6	-0.64	56091.88	56076.17969	56082.24224	56070.26172	505321.0	5408888.2
L5320.0	505321.0	5408889.7	13295.90039	326.94	102.36	48.832961	-86.927494	56092.52	56250.6	-0.63	56091.89	56076.25000	56083.32034	56071.33984	505321.0	5408889.7
L5320.0	505321.0	5408891.3	13296.00000	330.03	103.18	48.832976	-86.927494	56092.41	56250.6	-0.63	56091.78	56076.19531	56081.91586	56069.93750	505321.0	5408891.3
L5320.0	505321.0	5408892.4	13296.09961	333.96	104.03	48.832986	-86.927494	56092.34	56250.6	-0.63	56091.71	56076.18750	56081.40776	56069.42969	505321.0	5408892.4
L5320.0	505321.0	5408893.9	13296.20020	333.53	104.03	48.832999	-86.927494	56092.27	56250.6	-0.63	56091.63	56076.16406	56080.73400	56068.75781	505321.0	5408893.9
L5320.0	505321.0	5408893.9	13296.29981	332.76	103.5	48.832999	-86.927494	56092.22	56250.6	-0.63	56091.59	56076.18750	56080.96785	56068.99609	505321.0	5408893.9
L5320.0	505321.0	5408895.4	13296.40039	333.33	103.5	48.833013	-86.927494	56092.16	56250.6	-0.63	56091.53	56076.18750	56080.82563	56068.85547	505321.0	5408895.4
L5320.0	505321.0	5408897.0	13296.50000	331.52	102.86	48.833027	-86.927493	56092.09	56250.6	-0.63	56091.46	56076.17969	56080.51830	56068.55469	505321.0	5408897.0
L5320.0	505321.0	5408897.0	13296.50000	331.52	100.59	48.833027	-86.927493	56091.96	56250.6	-0.63	56091.33	56076.10938	56078.92846	56066.97266	505321.0	5408897.0
L5320.0	505321.0	5408898.6	13296.70020	330.61	100.59	48.833042	-86.927493	56091.86	56250.6	-0.64	56091.23	56076.07031	56078.03721	56066.08984	505321.0	5408898.6
L5320.0	505321.0	5408900.3	13296.79981	329.50	100.49	48.833056	-86.927493	56091.81	56250.6	-0.64	56091.18	56076.08594	56078.32975	56066.39063	505321.0	5408900.3
L5320.0	505321.0	5408901.6	13296.90039	329.10	101.15	48.833069	-86.927493	56091.84	56250.6	-0.64	56091.20	56076.16797	56080.32632	56068.39844	505321.0	5408901.6
L5320.0	505321.0	5408901.6	13297.00000	330.76	101.15	48.833069	-86.927493	56091.81	56250.6	-0.64	56091.17	56076.20313	56081.28472	56069.36719	505321.0	5408901.6
L5320.0	505321.0	5408902.8	13297.09961	332.62	101.25	48.833079	-86.927493	56091.81	56250.6	-0.64	56091.17	56076.26563	56083.07637	56071.17188	505321.0	5408902.8
L5320.0	505321.0	5408904.1	13297.20020	335.95	101.31	48.833091	-86.927493	56091.64	56250.6	-0.64	56091.00	56076.16406	56080.88667	56068.99609	505321.0	5408904.1
L5320.0	505321.0	5408905.3	13297.29981	338.48	101.31	48.833102	-86.927493	56091.48	56250.6	-0.64	56090.84	56076.07031	56079.13413	56067.25781	505321.0	5408905.3
L5320.0	505321.0	5408907.2	13297.40039	341.68	100.37	48.833118	-86.927493	56091.23	56250.6	-0.64	56090.59	56075.88672	56075.28455	56063.42578	505321.0	5408907.2
L5320.0	505321.0	5408908.1	13297.50000	341.67	100.95	48.833127	-86.927493	56091.13	56250.6	-0.64	56090.49	56075.85156	56075.15809	56063.32031	505321.0	5408908.1
L5320.0	505321.0	5408908.1	13297.59961	341.91	100.95	48.833127	-86.927493	56091.06	56250.6	-0.64	56090.42	56075.85156	56075.84171	56064.01953	505321.0	5408908.1
L5320.0	505321.0	5408909.6	13297.70020	342.33	103.35	48.833141	-86.927493	56090.97	56250.6	-0.64	56090.33	56075.82813	56076.12181	56064.32422	505321.0	5408909.6
L5320.0	505321.0	5408911.3	13297.79981	342.52	103.35	48.833156	-86.927493	56091.00	56250.6	-0.64	56090.36	56075.92969	56079.39754	56067.62109	505321.0	5408911.3
L5320.0	505321.0	5408912.8	13297.90039	343.48	99.95	48.833169	-86.927493	56090.90	56250.6	-0.64	56090.26	56075.89844	56079.59979	56067.84766	505321.0	5408912.8
L5320.0	505321.0	5408912.8	13298.00000	344.05	98.44	48.833169	-86.927493	56090.80	56250.6	-0.64	56090.16	56075.87109	56079.88494	56068.15625	505321.0	5408912.8
L5320.0	505321.0	5408914.2	13298.09961	344.25	99.47	48.833182	-86.927493	56090.66	56250.6	-0.64	56090.02	56075.80078	56079.28221	56067.57813	505321.0	5408914.2
L5320.0	505321.0	5408915.6	13298.20020	345.17	100.48	48.833194	-86.927493	56090.64	56250.6	-0.64	56090.01	56075.86328	56081.91909	56070.24609	505321.0	5408915.6
L5320.0	505321.0	5408917.0	13298.29981	345.04	100.48	48.833207	-86.927493	56090.39	56250.6	-0.63	56089.76	56075.68750	56078.81317	56067.16797	505321.0	5408917.0
L5320.0	505321.0	5408918.1	13298.40039	343.09	101.91	48.833217	-86.927493	56090.30	56250.6	-0.63	56089.67	56075.67188	56079.67582	56068.06250	505321.0	5408918.1
L5320.0	505321.0	5408919.5	13298.50000	339.20	99.32	48.833229	-86.927493	56090.16	56250.6	-0.63	56089.53	56075.60547	56079.40903	56067.82813	505321.0	5408919.5
L5320.0	505321.0	5408919.5	13298.50000	339.20	100.37	48.833229	-86.927493	56090.02	56250.6	-0.63	56089.39	56075.53906	56079.22701	56067.67969	505321.0	5408919.5
L5320.0	505321.0	5408920.9	13298.70020	338.07	100.37	48.833242	-86.927493	56089.81	56250.6	-0.63	56089.18	56075.40625	56077.52240	56066.00781	505321.0	5408920.9
L5320.0	505321.0	5408922.4	13298.79981	337.14	102.04	48.833256	-86.927493	56089.71	56250.6	-0.62	56089.09	56075.39453	56078.89871	56067.42188	505321.0	5408922.4
L5320.0	505321.0	5408923.8	13298.90039	334.16	101.93	48.833268	-86.927493	56089.48	56250.6	-0.62	56088.86	56075.24219	56077.06797	56065.62891	505321.0	5408923.8
L5320.0	505321.0	5408923.8	13299.00000	332.35	99.14	48.833268	-86.927493	56089.38	56250.6	-0.62	56088.76	56075.21875	56078.36437	56066.96484	505321.0	5408923.8
L5320.0	505321.1	5408925.4	13299.09961	332.05	99.14	48.833283	-86.927493	56089.21	56250.6	-0.62	56088.59	56075.12891	56078.13598	56066.77734	505321.1	5408925.4
L5320.0	505321.1	5408926.8	13299.20020	330.07	97.83	48.833295	-86.927493	56089.11	56250.6	-0.62	56088.48	56075.09766	56079.31141	56067.99219	505321.1	5408926.8
L5320.0	505321.1	5408928.1	13299.29981	330.49	99.49	48.833307	-86.927493	56088.95	56250.6	-0.62	56088.33	56075.02734	56079.66057	56068.38672	505321.1	5408928.1
L5320.0	505321.1	5408929.5	13299.40039	329.22	99.49	48.833319	-86.927493	56088.80	56250.6	-0.62	56088.18	56074.96094	56080.06804	56068.83984	505321.1	5408929.5
L5320.0	505321.1	5408930.6	13299.50000	330.71	100.6	48.833330	-86.927492	56088.52	56250.6	-0.63	56087.90	56074.76172	56077.87567	56066.69531	505321.1	5408930.6
L5320.0	505321.1	5408930.6	13299.59961	330.07	101.92	48.833330	-86.927492	56088.39	56250.6	-0.63	56087.77	56074.71484	56078.83452	56067.70313	505321.1	5408930.6
L5320.0	505321.1	5408932.0	13299.70020	328.29	102.94	48.833342	-86.927492	56088.22	56250.6	-0.63	56087.59	56074.62109	56078.83325	56067.75000	505321.1	5408932.0
L5320.0	505321.1	5408933.3	13299.79981	326.67	102.94	48.833353	-86.927492	56088.02	56250.6	-0.63	56087.39	56074.50391	56078.49951	56067.46875	505321.1	5408933.3
L5320.0	505321.1	5408934.8	13299.90039	326.86	100.47	48.833367	-86.927492	56087.84	56250.6	-0.63	56087.21	56074.41016	56078.59784	56067.61719	505321.1	5408934.8
L5320.0	505321.1	5408936.2	13300.00000	325.61	100.04	48.833380	-86.927492	56087.67	56250.6	-0.63	56087.04	56074.32813	56078.91943	56067.99609	505321.1	5408936.2
L5320.0	505321.1	5408936.2	13300.09961	325.90	100.04	48.833380	-86.927492	56087.43	56250.6	-0.63	56086.80	56074.17578	56077.63017	56066.76172	505321.1	5408936.2
L5320.0	505321.0	5408937.7	13300.20020	325.72	101.88	48.833393	-86.927493	56087.24	56250.6	-0.63	56086.61	56074.07422	56077.68733	56066.87500	505321.0	5408937.7
L5320.0	505321.0	5408939.1	13300.29981	326.18	102.58	48.833405	-86.927493	56087.00	56250.6	-0.63	56086.37	56073.92578	56076.60368	56065.85156	505321.0	5408939.1
L5320.0	505321.0	5408940.0	13300.40039	327.25	96.01	48.833414	-86.927493	56086.75	56250.6	-0.63	56086.12	56073.76563	56075.34413	56064.65234	505321.0	5408940.0
L5320.0	505321.0	5408941.5	13300.50000	326.42	104.37	48.833428	-86.927493	56086.55	56250.6	-0.63	56085.92	56073.66016	56075.32772	56064.69922	505321.0	5408941.5
L5320.0	505321.0	5408942.9	13300.50000	326.42	103.02	48.833440	-86.927493	56086.32	56250.6	-0.63	56085.69	56073.51953	56074.64798	56064.08203	505321.0	5408942.9
L5320.0	505321.0	5408942.9	13300.70020	322.68	103.02	48.833440	-86.927493	56086.14	56250.6	-0.63	56085.51	56073.43359	56075.21515	56064.71484	505321.0	5408942.9
L5320.0	505321.0	5408944.8	13300.79981	320.56	102.39	48.833457	-86.927493	56085.99	56250.6	-0.63	56085.36	56073.37891	56076.57559	56066.14063	505321.0	5408944.8
L5320.0	505321.0	5408946.2	13300.90039	321.31	102.77	48.833470	-86.927493	56085.84	56250.6	-0.63	56085.21	56073.32422	56078.03207	56067.66406	505321.0	5408946.2
L5320.0	505321.0	5408947.4	13301.00000	322.13	102.77	48.833480	-86.927493	56085.62	56250.6	-0.63	56084.99	56073.20313	56077.91527	56067.61719	505321.0	5408947.4
L5320.0	505321.0	5408948.6	13301.09961	325.87	104.75	48.833491	-86.927493	56085.36	56250.6	-0.63	56084.73	56073.03906	56077.04614	56066.82031	505321.0	5408948.6
L5320.0	505321.0	5408950.0	13301.20020	326.69	104.75	48.833503	-86.927493	56085.13	56250.6	-0.64	56084.50	56072.91016	56076.79372	56066.64063	505321.0	5408950.0
L5320.0	505320.9	5408951.3	13301.29981	327.73	105.46	48.833516	-86.927494	56084.88	56250.6	-0.64	56084.24	56072.75000	56076.01550	56065.93750	505320.9	5408951.3
L5320.0	505320.9	5408951.3	13301.40039	328.15	102.12	48.833516	-86.927494	56084.55	56250.6	-0.64	56083.90	56072.51172	56073.68731	56063.68359	505320.9	5408951.3
L5320.0	505320.9	5408952.7	13301.50000	331.29	103.42	48.833529	-86.927494	56084.22	56250.6	-0.64	56083.58	56072.29297	56071.75906	56061.83203	505320.9	5408952.7
L5320.0	505320.9	5408954.1	13301.59961	332.07	103.42	48.833540	-86.927494	56084.02	56250.6	-0.65	56083.37	56072.18750	56072.12435	56062.27734	505320.9	5408954.1
L5320.0	505320.9	5408955.7	13301.70020	333.89	104.76	48.833555	-86.927494	56083.82	56250.7	-0.65	56083.17	56072.08984	56072.80636	56063.03906	505320.9	5408955.7
L5320.0	505320.9	5408955.7	13301.79981	334.63	103.34	48.833555	-86.927494	56083.54	56250.7	-0.65	56082.88	56071.90625	56071.67171	56061.98438	505320.9	5408955.7
L5320.0	505320.9	5408957.1	13301.90039	336.32	103.46	48.833567	-86.927494	56083.33	56250.7	-0.66	56082.67	56071.80469	56072.34871	56062.74609	505320.9	5408957.1
L5320.0	505320.9	5408958.4	13302.00000	335.91	103.46	48.833580	-86.927495	56083.16	56250.7	-0.66	56082.50	56071.74219	56074.04475	56064.52734	505320.9	5408958.4
L5320.0	505320.8	5408960.0	13302.09961	337.68	101.51	48.833594	-86.927495	56082.88	56250.7	-0.66	56082.22	56071.57031	56073.40910	56063.97656	505320.8	5408960.0

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5320.0	505320.8	5408960.0	13302.20020	337.10	100.68	48.833594	-86.927495	56082.66	56250.7	-0.65	56082.01	56071.46875	56074.46885	56065.12109	505320.8	5408960.0
L5320.0	505320.8	5408961.4	13302.29981	339.67	98.72	48.833606	-86.927495	56082.35	56250.7	-0.65	56081.70	56071.27344	56073.33572	56064.07813	505320.8	5408961.4
L5320.0	505320.8	5408963.2	13302.40039	339.65	98.72	48.833622	-86.927495	56082.04	56250.6	-0.65	56081.39	56071.07422	56072.28335	56063.11719	505320.8	5408963.2
L5320.0	505320.8	5408964.3	13302.50000	338.35	99.47	48.833633	-86.927495	56081.77	56250.6	-0.65	56081.12	56070.91797	56072.27009	56063.19531	505320.8	5408964.3
L5320.0	505320.8	5408965.3	13302.50000	338.35	104.71	48.833641	-86.927496	56081.49	56250.6	-0.65	56080.85	56070.76172	56072.36555	56063.38281	505320.8	5408965.3
L5320.0	505320.8	5408966.9	13302.70020	338.20	104.71	48.833656	-86.927496	56081.16	56250.6	-0.64	56080.53	56070.55859	56071.36668	56062.48047	505320.8	5408966.9
L5320.0	505320.8	5408966.9	13302.79981	338.44	103.01	48.833656	-86.927496	56080.86	56250.6	-0.64	56080.22	56070.36719	56070.70778	56061.91797	505320.8	5408966.9
L5320.0	505320.8	5408969.0	13302.90039	338.05	103.01	48.833674	-86.927496	56080.45	56250.6	-0.63	56079.82	56070.08594	56067.97416	56059.28125	505320.8	5408969.0
L5320.0	505320.7	5408970.4	13303.00000	338.94	106.74	48.833687	-86.927496	56080.15	56250.6	-0.63	56079.52	56069.90625	56067.76173	56059.16797	505320.7	5408970.4
L5320.0	505320.7	5408971.8	13303.09961	338.42	106.74	48.833700	-86.927496	56079.90	56250.6	-0.63	56079.27	56069.77734	56068.86248	56060.36719	505320.7	5408971.8
L5320.0	505320.7	5408971.8	13303.20020	336.82	108.73	48.833700	-86.927496	56079.59	56250.6	-0.63	56078.96	56069.58984	56068.61275	56060.21875	505320.7	5408971.8
L5320.0	505320.7	5408973.6	13303.29981	337.95	108.73	48.833716	-86.927497	56079.32	56250.6	-0.64	56078.68	56069.43750	56069.18276	56060.89453	505320.7	5408973.6
L5320.0	505320.7	5408974.9	13303.40039	337.69	109.71	48.833728	-86.927497	56079.09	56250.6	-0.64	56078.46	56069.34375	56071.27720	56063.09375	505320.7	5408974.9
L5320.0	505320.7	5408976.1	13303.50000	337.34	109.79	48.833739	-86.927497	56078.70	56250.6	-0.64	56078.06	56069.07031	56069.16049	56061.08203	505320.7	5408976.1
L5320.0	505320.7	5408976.1	13303.59961	337.29	109.79	48.833739	-86.927497	56078.46	56250.6	-0.64	56077.82	56068.95703	56070.93956	56062.96875	505320.7	5408976.1
L5320.0	505320.7	5408977.7	13303.70020	337.49	109.7	48.833753	-86.927497	56078.04	56250.6	-0.64	56077.40	56068.66797	56068.55803	56060.69531	505320.7	5408977.7
L5320.0	505320.7	5408979.1	13303.79981	338.07	109.7	48.833766	-86.927497	56077.62	56250.6	-0.65	56076.97	56068.36719	56066.06350	56058.31250	505320.7	5408979.1
L5320.0	505320.7	5408980.5	13303.90039	338.57	107.22	48.833778	-86.927497	56077.19	56250.6	-0.65	56076.54	56068.07031	56063.69210	56056.05469	505320.7	5408980.5
L5320.0	505320.7	5408980.5	13304.00000	336.61	107.22	48.833778	-86.927497	56076.84	56250.7	-0.65	56076.19	56067.85547	56063.27576	56055.75000	505320.7	5408980.5
L5320.0	505320.7	5408982.1	13304.09961	334.87	102.24	48.833793	-86.927497	56076.48	56250.6	-0.65	56075.83	56067.63281	56062.72046	56055.30859	505320.7	5408982.1
L5320.0	505320.7	5408984.0	13304.20020	333.77	102.24	48.833810	-86.927497	56076.15	56250.6	-0.65	56075.50	56067.43750	56062.92980	56055.63672	505320.7	5408984.0
L5320.0	505320.7	5408984.0	13304.29981	333.14	104.42	48.833810	-86.927497	56075.90	56250.6	-0.65	56075.25	56067.32813	56065.00216	56057.82422	505320.7	5408984.0
L5320.0	505320.6	5408985.8	13304.40039	333.74	108.79	48.833826	-86.927497	56075.57	56250.6	-0.65	56074.93	56067.14844	56065.56535	56058.50781	505320.6	5408985.8
L5320.0	505320.6	5408987.5	13304.50000	332.71	108.79	48.833841	-86.927498	56075.20	56250.6	-0.65	56074.55	56066.91016	56064.87472	56057.93750	505320.6	5408987.5
L5320.0	505320.6	5408988.8	13304.50000	332.71	108.79	48.833853	-86.927498	56074.86	56250.6	-0.65	56074.21	56066.71094	56065.14274	56058.32813	505320.6	5408988.8
L5320.0	505320.6	5408988.8	13304.59961	333.38	110.79	48.833853	-86.927498	56074.51	56250.6	-0.64	56073.86	56066.50781	56065.26397	56058.57031	505320.6	5408988.8
L5320.0	505320.6	5408990.4	13304.79981	332.48	110.79	48.833867	-86.927498	56074.18	56250.6	-0.64	56073.54	56066.33594	56066.10480	56059.53516	505320.6	5408990.4
L5320.0	505320.6	5408991.8	13304.90039	332.66	110.57	48.833879	-86.927498	56073.75	56250.6	-0.64	56073.11	56066.05078	56064.64915	56058.20703	505320.6	5408991.8
L5320.0	505320.6	5408991.8	13305.00000	332.68	111.8	48.833879	-86.927498	56073.39	56250.6	-0.64	56072.75	56065.84375	56064.77775	56058.46484	505320.6	5408991.8
L5320.0	505320.6	5408993.2	13305.09961	330.69	111.8	48.833892	-86.927498	56072.94	56250.6	-0.64	56072.30	56065.54297	56063.06372	56056.87891	505320.6	5408993.2
L5320.0	505320.6	5408994.6	13305.20020	330.54	111.24	48.833905	-86.927498	56072.59	56250.6	-0.64	56071.95	56065.34766	56063.55977	56057.50391	505320.6	5408994.6
L5320.0	505320.6	5408996.1	13305.29981	327.66	111.24	48.833919	-86.927498	56072.18	56250.6	-0.64	56071.54	56065.08984	56062.85898	56056.93359	505320.6	5408996.1
L5320.0	505320.6	5408996.1	13305.40039	327.66	111.23	48.833919	-86.927498	56071.86	56250.6	-0.64	56071.22	56064.92969	56064.14488	56058.35547	505320.6	5408996.1
L5320.0	505320.6	5408997.7	13305.50000	328.25	111.19	48.833933	-86.927498	56071.40	56250.6	-0.64	56070.76	56064.62500	56062.54745	56056.89063	505320.6	5408997.7
L5320.0	505320.6	5408999.1	13305.59961	328.35	111.19	48.833945	-86.927498	56070.94	56250.6	-0.64	56070.30	56064.32813	56061.03331	56055.51172	505320.6	5408999.1
L5320.0	505320.6	5409000.4	13305.70020	329.25	111.12	48.833958	-86.927498	56070.38	56250.6	-0.64	56069.74	56063.92969	56057.48316	56052.09766	505320.6	5409000.4
L5320.0	505320.6	5409000.4	13305.79981	331.38	111.16	48.833958	-86.927498	56069.93	56250.6	-0.64	56069.29	56063.64063	56056.34404	56051.09766	505320.6	5409000.4
L5320.0	505320.6	5409001.8	13305.90039	333.45	111.16	48.833969	-86.927498	56069.52	56250.6	-0.64	56068.88	56063.39844	56056.13911	56051.03516	505320.6	5409001.8
L5320.0	505320.6	5409003.1	13306.00000	333.84	111.16	48.833982	-86.927498	56069.15	56250.6	-0.64	56068.51	56063.19531	56056.87570	56051.91406	505320.6	5409003.1
L5320.0	505320.6	5409004.9	13306.09961	335.66	111.16	48.833998	-86.927498	56068.82	56250.6	-0.64	56068.18	56063.03516	56058.56268	56053.74219	505320.6	5409004.9
L5320.0	505320.6	5409005.6	13306.20020	334.47	111.16	48.834004	-86.927498	56068.48	56250.6	-0.64	56067.84	56062.86328	56060.13994	56055.46484	505320.6	5409005.6
L5320.0	505320.6	5409005.6	13306.29981	332.88	111.16	48.834004	-86.927498	56068.01	56250.6	-0.64	56067.37	56062.56641	56059.03494	56054.50391	505320.6	5409005.6
L5320.0	505320.6	5409007.1	13306.40039	332.62	111.16	48.834018	-86.927498	56067.58	56250.6	-0.64	56066.94	56062.31250	56058.88552	56054.50391	505320.6	5409007.1
L5320.0	505320.6	5409008.3	13306.50000	332.81	111.16	48.834028	-86.927498	56067.09	56250.6	-0.64	56066.45	56062.00000	56057.54508	56053.31250	505320.6	5409008.3
L5320.0	505320.6	5409010.0	13306.50000	332.81	111.16	48.834044	-86.927498	56066.67	56250.6	-0.64	56066.03	56061.75781	56057.81463	56053.73047	505320.6	5409010.0
L5320.0	505320.6	5409011.4	13306.70020	329.01	111.16	48.834056	-86.927498	56066.19	56250.6	-0.64	56065.55	56061.45703	56056.89176	56052.96094	505320.6	5409011.4
L5320.0	505320.6	5409011.4	13306.79981	330.29	111.16	48.834056	-86.927498	56065.61	56250.6	-0.64	56064.97	56061.06250	56053.90313	56050.12500	505320.6	5409011.4
L5320.0	505320.6	5409012.7	13306.90039	330.88	111.16	48.834068	-86.927498	56065.13	56250.6	-0.64	56064.49	56060.76563	56053.18242	56049.55859	505320.6	5409012.7
L5320.0	505320.6	5409014.1	13307.00000	333.38	111.16	48.834080	-86.927498	56064.62	56250.6	-0.64	56063.98	56060.44141	56051.91406	56048.44922	505320.6	5409014.1
L5320.0	505320.6	5409015.3	13307.09961	335.70	111.16	48.834092	-86.927498	56064.22	56250.6	-0.64	56063.58	56060.23047	56053.14603	56049.83984	505320.6	5409015.3
L5320.0	505320.6	5409016.4	13307.20020	336.27	111.16	48.834101	-86.927498	56063.84	56250.6	-0.64	56063.20	56060.04297	56054.92728	56051.77734	505320.6	5409016.4
L5320.0	505320.6	5409017.5	13307.29981	334.46	111.16	48.834111	-86.927498	56063.40	56250.6	-0.64	56062.76	56059.79688	56055.51251	56052.52734	505320.6	5409017.5
L5320.0	505320.6	5409018.5	13307.40039	333.63	111.16	48.834120	-86.927497	56062.92	56250.6	-0.64	56062.28	56059.51172	56055.33424	56052.51172	505320.6	5409018.5
L5320.0	505320.6	5409020.2	13307.50000	333.02	111.16	48.834135	-86.927497	56062.38	56250.6	-0.64	56061.74	56059.16797	56053.94958	56051.28906	505320.6	5409020.2
L5320.0	505320.6	5409020.2	13307.59961	329.99	111.16	48.834135	-86.927497	56061.88	56250.6	-0.64	56061.24	56058.86719	56053.55191	56051.05859	505320.6	5409020.2
L5320.0	505320.7	5409021.5	13307.70020	330.08	111.16	48.834147	-86.927497	56061.38	56250.6	-0.64	56060.74	56058.57031	56053.26677	56050.94141	505320.7	5409021.5
L5320.0	505320.7	5409023.6	13307.79981	331.26	111.16	48.834166	-86.927496	56060.83	56250.6	-0.64	56060.19	56058.22266	56051.99034	56049.83203	505320.7	5409023.6
L5320.0	505320.7	5409023.6	13307.90039	335.97	120.58	48.834166	-86.927496	56060.22	56250.6	-0.64	56059.58	56057.81641	56049.49430	56047.50781	505320.7	5409023.6
L5320.0	505320.7	5409024.7	13308.00000	334.92	120.58	48.834176	-86.927496	56059.68	56250.6	-0.64	56059.04	56057.48828	56048.66061	56046.84766	505320.7	5409024.7
L5320.0	505320.7	5409026.3	13308.09961	334.27	130	48.834190	-86.927496	56059.14	56250.6	-0.64	56058.50	56057.15625	56047.94328	56046.30469	505320.7	5409026.3
L5320.0	505320.7	5409027.7	13308.20020	332.69	130	48.834202	-86.927496	56058.65	56250.6	-0.64	56058.01	56056.87891	56048.46201	56047.00000	505320.7	5409027.7
L5320.0	505320.7	5409029.0	13308.29981	332.78	130	48.834215	-86.927495	56058.17	56250.6	-0.64	56057.53	56056.61719	56049.33103	56048.04688	505320.7	5409029.0
L5320.0	505320.8	5409030.4	13308.40039	332.80	130	48.834227	-86.927495	56057.69	56250.6	-0.64	56057.04	56056.34375	56050.10443	56049.00000	505320.8	5409030.4
L5320.0	505320.8	5409030.4	13308.50000	333.80	130	48.834227	-86.927495	56057.18	56250.6	-0.65	56056.53	56056.05469	56050.55700	56049.63672	505320.8	5409030.4
L5320.0	505320.8	5409031.5	13308.50000	333.80	130	48.834237	-86.927495	56056.63	56250.6	-0.65	56055.99	56055.73438	56050.46203	56049.72266	505320.8	5409031.5
L5320.0	505320.8	5409032.9	13308.70020	334.99	130	48.834250	-86.927495	56055.99	56250.6	-0.65	56055.34	56055.30859	56048.01441	56047.46094	505320.8	5409032.9
L5320.0	505320.8	5409034.3	13308.79981	336.26	130	48.834262	-86.927495	56055.46	56250.6	-0.65	56054.81	56055.00781	56048.39851	56048.03125	505320.8	5409034.3
L5320.0	505320.8	5409036.1	13308.90039	336.54	130	48.834278	-86.927494	56054.82	56250.6	-0.65	56054.18	56054.60547	56046.65696	56046.48047	505320.8	5409036.1
L5320.0	505320.8	5409036.1	13309.00000	337.86	130	48.834278	-86.927494	56054.28	56250.7	-0.65	56053.63	56054.28906	56046.84947	56046.86328	505320.8	5409036.1
L5320.0	505320.8	5409037.7	13309.09961	336.84	130	48.834292	-86.927494	56053.79	56250.7	-0.65	56053.14	56054.03125	56048.52024	56048.72656	505320.8	5409037.7
L5320.0	505320.9	5409039.3	13309.20020	336.15	130	48.834307	-86.927494	56053.18	56250.7	-0.66	56052.53	56053.66016	56047.61991	56048.02344	505320.9	5409039.3
L5320.0	505320.9	5409039.3	13309.29981	336.11	130	48.834307	-86.927494	56052.53	56250.7	-0.66	56051.87	56053.23828	56045.73474	56046.33594	505320.9	5409039.3
L5320.0	505320.9	5409040.7	13309.40039	335.53	130	48.834320	-86.927494	56051.90	56250.7	-0.66	56051.24	56052.85156	56044.65976	56045.46094	505320.9	5409040.7
L5320.0	505320.9	5409042.3	13309.50000	334.73	130	48.834334	-86.927493	56051.28	56250.7	-0.67	56050.62	56052.47656	56043.94459	56044.94531	505320.9	5409042.3
L5320.0	505320.9	5409042.3	13309.59961	334.21	130	48.834334	-86.927493	56050.74	56250.7	-0.67	56050.07	56052.17188	56044.90248	56046.10938	505320.9	5409042.3
L5320.0	505320.9	5409043.7	13309.70020	334.21	130	48.834347	-86.927493	56050.05	56250.7	-0.67	56049.38	56051.73438	56042.91404	56044.32422	505320.9	5409043.7
L5320.0	505320.9	5409045.3	13309.79981	335.16	130	48.834361	-86.927493	56049.44	56250.7	-0.67	56048.77	56051.37500	56042.80828	56044.42969	505320.9	5409045.3
L5320.0	505320.9	5409046.6	13309.90039	332.37	130	48.834373	-86.927493	56048.78	56250.7	-0.68	56048.10	56050.96094	56041.53398	56043.36328	505320.9	5409046.6
L5320.0	505320.9	5409046.6	13310.00000	329.87	130	48.834373	-86.927493	56048.13	56250.7	-0.68	56047.45	56050.57031	56040.82133	56042.86719	505320.9	5409046.6
L5320.0	505320.9	5409048.0	13310.09961	329.87	130	48.834386	-86.927493	56047.46	56250.7	-0.68	56046.79	56050.16797	56040.02098	56042.28125	505320.9	5409048.0
L5320.0	505320.9	5409049.4	13310.20020	331.58	130	48.834398	-86.927493	56046.79	56250.7	-0.68	56046.11	56049.75391	56038.92385	56041.40234	505320.9	5409049.4
L5320.0	505320.9	5409050.6	13310.29981	332.41	130	48.834409	-86.927493	56046.18	56250.7	-0.67	56045.51	56049.41797	56039.61846	56042.31641	505320.9	5409050.6
L5320.0	505320.9	5409051.7	13310.40039	331.13	130	48.834419	-86.927493	56045.49	56250.7	-0.67	56044.82	56048.99609	56038.54872	56041.46875	505320.9	5409051.7
L5320.0	505320.9	5409053.4	13310.50000	332.85	130	48.834434	-86.927493	56044.86	56250.7	-0.67	56044.19	56048.63672	56038.84115	56041.98828	505320.9	5409053.4
L5320.0	505320.9	5409054.9	13310.50000	332.85	130	48.834447	-86.927493	56044.08	56250.7	-0.67	56043.41	56048.13281	56036.14994	56039.52734	505320.9	5409054.9
L5320.0	505320.9	5409054.9	13310.70020	328.50	130	48.834447	-86.927493	56043.50	56250.7	-0.67	56042.83	56047.82813	56037.71128	56041.32031	505320.9	5409054.9
L5320.0	505320.9	5409056.2	13310.79981	328.74	130	48.834459	-86.927493	56042.74	56250.7	-0.66	56042.07	56047.34766	56035.67656	56039.51953	505320.9	5409056.2
L5320.0	505320.9	5409057.3	13310.90039	325.69	130	48.834469	-86.927493	56042.06	56250.7	-0.66	56041.39	56046.94922	56035.41960	56039.49609	505320.9	5409057.3
L5320.0	505320.9	5409058.7	13311.00000	322.41	130	48.834482	-86.927493	56041.39	56250.7	-0.66	56040.73	56046.57422	56035.70931	56040.02734	505320.9	5409058.7
L5320.0	505320.9	5409059.9	13311.09961	321.76	130	48.834493	-86.927493	56040.62	56250.7	-0.66	56039.96	56046.09375	56033.84065	56038.40234	505320.9	5409059.9
L5320.0	505320.9	5409061.3	13311.20020	322.68	130	48.834505	-86.927493	56039.93	56250.7	-0.66	56039.27	56045.69141	56033.77634	56038.58203	505320.9	5409061.3
L5320.0	505320.9	5409061.3	13311.29981	323.71	130	48.834505	-86.927493	56039.13	56250.7	-0.66	56038.47	56045.18750	56031.53306	56036.58984	505320.9	5409061.3
L5320.0	505320.9	5409062.8	13311.40039	326.93	130	48.834519	-86.927493	56038.38	56250.7	-0.66	56037.73	56044.74219	56030.69052	56036.00000	505320.9	5409062.8

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5320.0	505320.9	5409064.4	13311.50000	331.55	130	48.834533	-86.927493	56037.63	56250.7	-0.65	56036.98	56044.28906	56029.78006	56035.34375	505320.9	5409064.4
L5320.0	505320.9	5409065.8	13311.59961	335.38	130	48.834546	-86.927493	56036.89	56250.7	-0.65	56036.24	56043.85156	56029.23648	56035.05859	505320.9	5409065.8
L5320.0	505320.9	5409065.8	13311.70020	337.65	130	48.834546	-86.927493	56036.11	56250.7	-0.65	56035.46	56043.37891	56027.98426	56034.06641	505320.9	5409065.8
L5320.0	505320.9	5409067.4	13311.79981	336.46	130	48.834560	-86.927492	56035.36	56250.7	-0.65	56034.70	56042.92578	56027.32751	56033.67578	505320.9	5409067.4
L5320.0	505320.9	5409069.0	13311.90039	334.66	130	48.834574	-86.927492	56034.64	56250.7	-0.65	56033.99	56042.52344	56027.94494	56034.56250	505320.9	5409069.0
L5320.0	505320.9	5409069.0	13312.00000	335.88	130	48.834574	-86.927492	56033.88	56250.7	-0.65	56033.23	56042.07813	56027.64521	56034.53516	505320.9	5409069.0
L5320.0	505320.9	5409070.3	13312.09961	337.52	130	48.834586	-86.927492	56033.08	56250.7	-0.65	56032.43	56041.59375	56026.63814	56033.80469	505320.9	5409070.3
L5320.0	505320.9	5409071.8	13312.20020	337.25	130	48.834600	-86.927492	56032.21	56250.7	-0.65	56031.56	56041.04297	56024.24614	56031.69531	505320.9	5409071.8
L5320.0	505321.0	5409073.4	13312.29981	335.81	130	48.834614	-86.927492	56031.41	56250.7	-0.66	56030.75	56040.55078	56023.38027	56031.11328	505321.0	5409073.4
L5320.0	505321.0	5409073.4	13312.40039	333.51	130	48.834614	-86.927492	56030.52	56250.7	-0.66	56029.86	56039.98438	56020.90874	56028.92969	505321.0	5409073.4
L5320.0	505321.0	5409075.7	13312.50000	334.39	130	48.834635	-86.927492	56029.76	56250.7	-0.66	56029.10	56039.55469	56021.56271	56029.87500	505321.0	5409075.7
L5320.0	505321.0	5409075.7	13312.50000	334.39	130	48.834635	-86.927492	56028.80	56250.7	-0.66	56028.14	56038.92188	56017.91795	56026.52734	505321.0	5409075.7
L5320.0	505321.0	5409076.9	13312.70020	335.61	130	48.834645	-86.927491	56028.04	56250.7	-0.66	56027.38	56038.49609	56018.98559	56027.89453	505321.0	5409076.9
L5320.0	505321.0	5409078.2	13312.79981	334.13	130	48.834657	-86.927491	56027.16	56250.7	-0.67	56026.49	56037.94141	56017.34055	56026.55469	505321.0	5409078.2
L5320.0	505321.0	5409079.8	13312.90039	334.43	130	48.834671	-86.927491	56026.42	56250.7	-0.67	56025.75	56037.53906	56019.26952	56028.79297	505321.0	5409079.8
L5320.0	505321.0	5409080.9	13313.00000	335.35	130	48.834681	-86.927491	56025.57	56250.7	-0.67	56024.90	56037.02734	56018.94174	56028.78125	505321.0	5409080.9
L5320.0	505321.0	5409082.2	13313.09961	332.46	130	48.834693	-86.927491	56024.75	56250.7	-0.67	56024.09	56036.55859	56019.71380	56029.87109	505321.0	5409082.2
L5320.0	505321.1	5409083.4	13313.20020	331.71	130	48.834703	-86.927490	56023.87	56250.7	-0.67	56023.21	56036.02734	56019.14324	56029.62109	505321.1	5409083.4
L5320.0	505321.1	5409084.3	13313.29981	334.99	130	48.834712	-86.927490	56023.01	56250.7	-0.66	56022.34	56035.50391	56019.01166	56029.82031	505321.1	5409084.3
L5320.0	505321.1	5409084.3	13313.40039	332.02	130	48.834712	-86.927490	56022.13	56250.7	-0.66	56021.46	56034.97656	56018.87955	56030.01953	505321.1	5409084.3
L5320.0	505321.1	5409086.3	13313.50000	330.33	130	48.834730	-86.927490	56021.11	56250.7	-0.66	56020.45	56034.32031	56016.12690	56027.60547	505321.1	5409086.3
L5320.0	505321.1	5409087.3	13313.59961	334.06	130	48.834739	-86.927490	56020.13	56250.7	-0.66	56019.47	56033.69531	56014.27280	56026.09375	505321.1	5409087.3
L5320.0	505321.1	5409088.5	13313.70020	333.07	130	48.834750	-86.927490	56019.20	56250.7	-0.66	56018.54	56033.12109	56013.74823	56025.91797	505321.1	5409088.5
L5320.0	505321.1	5409088.5	13313.79981	330.78	130	48.834750	-86.927490	56018.33	56250.7	-0.65	56017.67	56032.61328	56014.76445	56027.28906	505321.1	5409088.5
L5320.0	505321.1	5409090.1	13313.90039	332.35	130	48.834764	-86.927490	56017.37	56250.7	-0.65	56016.71	56032.01563	56014.06955	56026.94922	505321.1	5409090.1
L5320.0	505321.1	5409092.1	13314.00000	335.28	130	48.834782	-86.927490	56016.38	56250.7	-0.65	56015.73	56031.40234	56013.19255	56026.43750	505321.1	5409092.1
L5320.0	505321.1	5409093.7	13314.09961	334.17	130	48.834796	-86.927490	56015.37	56250.7	-0.65	56014.72	56030.76172	56011.92419	56025.53906	505321.1	5409093.7
L5320.0	505321.1	5409093.7	13314.20020	332.88	130	48.834796	-86.927490	56014.41	56250.7	-0.65	56013.75	56030.16016	56011.77837	56025.76953	505321.1	5409093.7
L5320.0	505321.1	5409094.9	13314.29981	334.52	130	48.834807	-86.927490	56013.32	56250.7	-0.65	56012.67	56029.45313	56009.53139	56023.90625	505321.1	5409094.9
L5320.0	505321.1	5409096.2	13314.40039	335.31	130	48.834819	-86.927489	56012.28	56250.7	-0.65	56011.63	56028.78906	56008.41648	56023.17578	505321.1	5409096.2
L5320.0	505321.1	5409096.2	13314.50000	332.63	130	48.834819	-86.927489	56011.17	56250.7	-0.65	56010.52	56028.05859	56006.07674	56021.23047	505321.1	5409096.2
L5320.0	505321.1	5409098.7	13314.50000	332.63	130	48.834841	-86.927489	56010.28	56250.7	-0.65	56009.63	56027.54688	56008.73010	56024.28516	505321.1	5409098.7
L5320.0	505321.1	5409098.7	13314.59961	331.19	130	48.834841	-86.927489	56009.13	56250.7	-0.66	56008.47	56026.76953	56005.88718	56021.84766	505321.1	5409098.7
L5320.0	505321.1	5409100.5	13314.79981	332.63	130	48.834858	-86.927489	56008.09	56250.7	-0.66	56007.43	56026.11328	56005.90109	56022.27344	505321.1	5409100.5
L5320.0	505321.1	5409101.4	13314.90039	331.59	130	48.834866	-86.927489	56006.99	56250.7	-0.66	56006.33	56025.39844	56004.92803	56021.72266	505321.1	5409101.4
L5320.0	505321.1	5409103.0	13315.00000	333.99	130	48.834880	-86.927489	56005.93	56250.7	-0.66	56005.27	56024.72656	56005.10449	56022.32422	505321.1	5409103.0
L5320.0	505321.1	5409104.1	13315.09961	335.07	130	48.834890	-86.927489	56004.77	56250.7	-0.66	56004.11	56023.95703	56003.45795	56021.10938	505321.1	5409104.1
L5320.0	505321.1	5409104.1	13315.20020	330.90	130	48.834890	-86.927489	56003.68	56250.7	-0.66	56003.03	56023.26563	56003.81285	56021.90625	505321.1	5409104.1
L5320.0	505321.1	5409105.5	13315.29981	328.18	130	48.834903	-86.927489	56002.52	56250.7	-0.65	56001.87	56022.50000	56002.78421	56021.32422	505321.1	5409105.5
L5320.0	505321.1	5409106.6	13315.40039	328.87	130	48.834913	-86.927489	56001.34	56250.7	-0.65	56000.68	56021.70313	56001.44009	56020.43359	505321.1	5409106.6
L5320.0	505321.1	5409108.2	13315.50000	332.50	130	48.834927	-86.927489	56000.20	56250.7	-0.65	55999.54	56020.96094	56001.46146	56020.91406	505321.1	5409108.2
L5320.0	505321.1	5409109.6	13315.59961	333.84	130	48.834939	-86.927489	55998.98	56250.6	-0.65	55998.33	56020.14844	56000.33816	56020.26172	505321.1	5409109.6
L5320.0	505321.1	5409110.5	13315.70020	332.64	130	48.834948	-86.927489	55997.79	56250.6	-0.65	55997.14	56019.35938	55999.95538	56020.35547	505321.1	5409110.5
L5320.0	505321.1	5409112.3	13315.79981	332.14	130	48.834964	-86.927489	55996.52	56250.6	-0.64	55995.88	56018.50000	55998.44950	56019.33203	505321.1	5409112.3
L5320.0	505321.1	5409113.3	13315.90039	332.50	130	48.834973	-86.927489	55995.31	56250.6	-0.64	55994.67	56017.69141	55998.30894	56019.68359	505321.1	5409113.3
L5320.0	505321.1	5409113.3	13316.00000	333.95	130	48.834973	-86.927489	55994.05	56250.6	-0.64	55993.41	56016.83594	55997.47248	56019.34766	505321.1	5409113.3
L5320.0	505321.1	5409114.8	13316.09961	332.30	130	48.834987	-86.927489	55992.68	56250.6	-0.64	55992.04	56015.87109	55994.72520	56017.10547	505321.1	5409114.8
L5320.0	505321.1	5409116.2	13316.20020	329.73	130	48.834999	-86.927489	55991.39	56250.6	-0.64	55990.75	56014.98828	55993.96333	56016.85938	505321.1	5409116.2
L5320.0	505321.1	5409117.4	13316.29981	330.14	130	48.835010	-86.927489	55990.00	56250.6	-0.65	55989.35	56013.99609	55991.31091	56014.73047	505321.1	5409117.4
L5320.0	505321.1	5409118.6	13316.40039	329.65	130	48.835020	-86.927490	55988.71	56250.6	-0.65	55988.06	56013.11328	55991.24842	56015.19922	505321.1	5409118.6
L5320.0	505321.1	5409118.6	13316.50000	328.65	130	48.835020	-86.927490	55987.39	56250.7	-0.65	55986.74	56012.20313	55990.92850	56015.41797	505321.1	5409118.6
L5320.0	505321.1	5409120.6	13316.50000	328.65	130	48.835038	-86.927490	55986.03	56250.7	-0.65	55985.38	56011.25000	55990.15623	56015.19531	505321.1	5409120.6
L5320.0	505321.1	5409121.6	13316.70020	326.44	130	48.835047	-86.927490	55984.64	56250.7	-0.65	55983.99	56010.26953	55989.14103	56014.73828	505321.1	5409121.6
L5320.0	505321.1	5409123.1	13316.79981	326.90	130	48.835061	-86.927490	55983.22	56250.7	-0.66	55982.56	56009.25391	55987.68898	56013.85156	505321.1	5409123.1
L5320.0	505321.0	5409124.3	13316.90039	331.24	130	48.835072	-86.927490	55981.81	56250.7	-0.66	55981.15	56008.25391	55987.00616	56013.74219	505321.0	5409124.3
L5320.0	505321.0	5409125.5	13317.00000	334.09	130	48.835082	-86.927490	55980.34	56250.7	-0.66	55979.68	56007.19531	55985.49810	56012.81641	505321.0	5409125.5
L5320.0	505321.0	5409125.5	13317.09961	334.29	130	48.835082	-86.927490	55978.84	56250.7	-0.66	55978.18	56006.10938	55983.77392	56011.68359	505321.0	5409125.5
L5320.0	505321.0	5409127.0	13317.20020	330.86	130	48.835096	-86.927491	55977.33	56250.7	-0.66	55976.66	56005.00000	55982.03886	56010.55078	505321.0	5409127.0
L5320.0	505321.0	5409128.4	13317.29981	328.24	130	48.835109	-86.927491	55975.84	56250.7	-0.67	55975.17	56003.92188	55981.28042	56010.40234	505321.0	5409128.4
L5320.0	505321.0	5409129.8	13317.40039	327.80	130	48.835121	-86.927491	55974.39	56250.7	-0.67	55973.73	56002.89453	55981.88226	56011.62109	505321.0	5409129.8
L5320.0	505321.0	5409130.9	13317.50000	327.19	130	48.835131	-86.927491	55972.80	56250.7	-0.67	55972.13	56001.70703	55979.74786	56010.11328	505321.0	5409130.9
L5320.0	505321.0	5409130.9	13317.59961	327.52	130	48.835131	-86.927491	55971.25	56250.7	-0.67	55970.58	56000.57031	55978.98634	56009.98828	505321.0	5409130.9
L5320.0	505320.9	5409133.6	13317.70020	330.55	130	48.835156	-86.927491	55969.64	56250.7	-0.67	55968.97	55999.37109	55977.46616	56009.11328	505320.9	5409133.6
L5320.0	505320.9	5409133.6	13317.79981	333.03	130	48.835156	-86.927491	55967.99	56250.7	-0.68	55967.32	55998.13281	55975.58796	56007.89063	505320.9	5409133.6
L5320.0	505320.9	5409134.8	13317.90039	334.66	130	48.835166	-86.927492	55966.32	56250.7	-0.68	55965.65	55996.87109	55973.74514	56006.71094	505320.9	5409134.8
L5320.0	505320.9	5409135.9	13318.00000	334.60	130	48.835177	-86.927492	55964.63	56250.7	-0.68	55963.95	55995.58203	55971.75277	56005.39063	505320.9	5409135.9
L5320.0	505320.9	5409137.3	13318.09961	334.42	130	48.835189	-86.927492	55962.84	56250.7	-0.68	55962.16	55994.20313	55968.47808	56002.80078	505320.9	5409137.3
L5320.0	505320.9	5409138.7	13318.20020	330.09	130	48.835202	-86.927492	55961.16	56250.7	-0.68	55960.49	55992.93750	55967.92366	56002.93750	505320.9	5409138.7
L5320.0	505320.9	5409139.9	13318.29981	328.65	130	48.835212	-86.927492	55959.39	56250.7	-0.67	55958.72	55991.57813	55965.91260	56001.62500	505320.9	5409139.9
L5320.0	505320.9	5409141.3	13318.40039	326.63	130	48.835225	-86.927492	55957.60	56250.7	-0.67	55956.93	55990.19141	55963.97462	56000.39844	505320.9	5409141.3
L5320.0	505320.9	5409141.3	13318.50000	324.68	130	48.835225	-86.927492	55955.88	56250.7	-0.67	55955.21	55988.87891	55963.81944	56000.96094	505320.9	5409141.3
L5320.0	505320.9	5409142.7	13318.50000	324.68	130	48.835237	-86.927492	55954.03	56250.7	-0.67	55953.36	55987.42969	55961.67470	55999.54297	505320.9	5409142.7
L5320.0	505320.9	5409144.3	13318.70020	324.27	130	48.835251	-86.927493	55952.18	56250.7	-0.67	55951.52	55985.99219	55960.19777	55998.80078	505320.9	5409144.3
L5320.0	505320.9	5409144.3	13318.79981	325.31	130	48.835251	-86.927493	55950.32	56250.7	-0.66	55949.65	55984.52344	55958.64256	55997.99219	505320.9	5409144.3
L5320.0	505320.8	5409147.0	13318.90039	326.66	130	48.835276	-86.927493	55948.44	56250.7	-0.66	55947.78	55983.05078	55957.58891	55997.69531	505320.8	5409147.0
L5320.0	505320.8	5409147.0	13319.00000	328.06	130	48.835276	-86.927493	55946.44	56250.7	-0.66	55945.78	55981.44531	55954.57729	55995.44531	505320.8	5409147.0
L5320.0	505320.8	5409148.5	13319.09961	327.85	130	48.835290	-86.927493	55944.52	56250.7	-0.66	55943.86	55979.91797	55953.61085	55995.25000	505320.8	5409148.5
L5320.0	505320.8	5409149.2	13319.20020	330.65	130	48.835296	-86.927493	55942.42	56250.7	-0.66	55941.75	55978.20313	55949.54523	55991.96484	505320.8	5409149.2
L5320.0	505320.8	5409150.6	13319.29981	332.58	130	48.835308	-86.927493	55940.42	56250.7	-0.67	55939.75	55976.58984	55948.12957	55991.33984	505320.8	5409150.6
L5320.0	505320.8	5409152.4	13319.40039	330.69	130	48.835325	-86.927493	55938.22	56250.7	-0.67	55937.55	55974.77734	55943.41452	55987.42188	505320.8	5409152.4
L5320.0	505320.8	5409152.4	13319.50000	328.88	130	48.835325	-86.927493	55936.12	56250.7	-0.67	55935.45	55973.06250	55941.19496	55986.00781	505320.8	5409152.4
L5320.0	505320.8	5409153.7	13319.59961	328.97	130	48.835337	-86.927493	55934.00	56250.7	-0.67	55933.32	55971.31250	55938.98076	55984.60547	505320.8	5409153.7
L5320.0	505320.8	5409154.9	13319.70020	329.95	130	48.835347	-86.927493	55931.85	56250.7	-0.67	55931.17	55969.54297	55936.98165	55983.42969	505320.8	5409154.9
L5320.0	505320.8	5409156.9	13319.79981	329.71	130	48.835365	-86.927493	55929.60	56250.7	-0.68	55928.92	55967.66797	55933.63818	55980.91797	505320.8	5409156.9
L5320.0	505320.8	5409156.9	13319.90039	329.84	130	48.835365	-86.927493	55927.52	56250.7	-0.68	55926.84	55965.96094	55934.28790	55982.40625	505320.8	5409156.9
L5320.0	505320.8	5409158.3	13320.00000	331.10	130	48.835377	-86.927493	55925.17	56250.7	-0.68	55924.49	55963.98047	55930.25554	55979.21875	505320.8	5409158.3
L5320.0	505320.8	5409159.6	13320.09961	334.97	130	48.835389	-86.927493	55922.94	56250.7	-0.68	55922.26	55962.11328	55929.27582	55979.08984	505320.8	5409159.6
L5320.0	505320.8	5409160.7	13320.20020	335.36	130	48.835399	-86.927493	55920.48	56250.7	-0.68	55919.80	55960.01563	55924.40016	55975.07422	505320.8	5409160.7
L5320.0	505320.8	5409162.1	13320.29981	335.50	130	48.835411	-86.927493	55918.12	56250.7	-0.68	55917.43	55958.00391	55922.02369	55973.56250	505320.8	5409162.1
L5320.0	505320.8	5409162.9	13320.40039	332.66	130	48.835419	-86.927493	55915.63	56250.7	-0.68	55914.95	55955.87891	55918.16678	55970.58203	505320.8	5409162.9
L5320.0	505320.8	5409164.3	13320.50000	330.33	130	48.835431	-86.927493	55913.38	56250.7	-0.68	55912.70	55953.98047	55919.67624	55972.96875	505320.8	5409164.3
L5320.0	505320.8	5409164.3	13320.50000	330.33	130	48.835431	-86.927493	55910.85	56250.7	-0.68	55910.17	55951.79688	55916.32230	55970.50000	505320.8	5409164.3
L5320.0	505320.8	5409165.6	13320.70020	329.97	130	48.835443	-86.927493	55908.50	56250.7	-0.69	55907.81	55949.77734	55917.17668	55972.24609	505320.8	5409165.6

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5320.0	505320.8	5409167.4	13320.79981	329.80	130	48.835460	-86.927493	55905.82	56250.7	-0.69	55905.13	55947.43750	55912.37686	55968.34375	505320.8	5409167.4
L5320.0	505320.8	5409167.4	13320.90039	328.98	130	48.835460	-86.927493	55903.36	56250.7	-0.69	55902.67	55945.30859	55912.83812	55969.71094	505320.8	5409167.4
L5320.0	505320.8	5409169.2	13321.00000	327.97	130	48.835475	-86.927493	55900.58	56250.7	-0.69	55899.89	55942.85938	55907.66386	55965.44141	505320.8	5409169.2
L5320.0	505320.8	5409170.8	13321.09961	329.38	130	48.835490	-86.927493	55897.85	56250.7	-0.69	55897.16	55940.44922	55904.35090	55963.04297	505320.8	5409170.8
L5320.0	505320.8	5409170.8	13321.20020	329.78	130	48.835490	-86.927493	55895.02	56250.7	-0.68	55894.34	55937.94922	55900.08129	55959.69141	505320.8	5409170.8
L5320.0	505320.8	5409172.3	13321.29981	332.92	130	48.835504	-86.927493	55892.21	56250.7	-0.68	55891.53	55935.45313	55896.90025	55957.42969	505320.8	5409172.3
L5320.0	505320.8	5409173.4	13321.40039	331.70	130	48.835514	-86.927493	55889.27	56250.7	-0.67	55888.60	55932.83203	55892.18150	55953.63672	505320.8	5409173.4
L5320.0	505320.8	5409174.5	13321.50000	329.97	130	48.835524	-86.927493	55886.39	56250.7	-0.67	55885.72	55930.25391	55889.40091	55951.78516	505320.8	5409174.5
L5320.0	505320.8	5409175.6	13321.59961	329.98	111.04	48.835534	-86.927493	55883.38	56250.7	-0.67	55882.71	55927.53906	55884.90431	55948.21875	505320.8	5409175.6
L5320.0	505320.8	5409176.8	13321.70020	332.46	111.04	48.835544	-86.927492	55880.47	56250.7	-0.66	55879.81	55924.92969	55883.61465	55947.86328	505320.8	5409176.8
L5320.0	505320.8	5409178.3	13321.79981	332.30	107.51	48.835558	-86.927492	55877.41	56250.7	-0.66	55876.75	55922.15625	55880.02063	55945.20703	505320.8	5409178.3
L5320.0	505320.8	5409179.0	13321.90039	331.97	107.51	48.835564	-86.927492	55874.48	56250.7	-0.65	55873.82	55919.50781	55880.09863	55946.22266	505320.8	5409179.0
L5320.0	505320.8	5409180.3	13322.00000	331.30	107.15	48.835576	-86.927492	55871.44	56250.7	-0.65	55870.79	55916.75000	55879.13846	55946.20313	505320.8	5409180.3
L5320.0	505320.8	5409181.5	13322.09961	331.93	106.12	48.835586	-86.927492	55868.36	56250.7	-0.65	55867.71	55913.93359	55878.18237	55946.18750	505320.8	5409181.5
L5320.0	505320.8	5409182.8	13322.20020	332.59	96.06	48.835598	-86.927492	55864.99	56250.7	-0.66	55864.34	55910.82813	55872.23225	55941.17578	505320.8	5409182.8
L5320.0	505320.8	5409183.9	13322.29981	330.73	96.06	48.835608	-86.927492	55861.83	56250.7	-0.66	55861.17	55907.91016	55871.50920	55941.39844	505320.8	5409183.9
L5320.0	505320.8	5409183.9	13322.40039	328.69	96.62	48.835608	-86.927492	55858.42	56250.7	-0.66	55857.76	55904.75000	55866.82316	55937.65234	505320.8	5409183.9
L5320.0	505320.9	5409185.5	13322.50000	328.99	95.59	48.835622	-86.927492	55855.00	56250.7	-0.67	55854.33	55901.55859	55862.78359	55934.55078	505320.9	5409185.5
L5320.0	505320.9	5409186.8	13322.50000	328.99	95.59	48.835634	-86.927492	55851.43	56250.7	-0.67	55850.77	55898.23438	55857.06516	55929.77344	505320.9	5409186.8
L5320.0	505320.9	5409188.1	13322.70020	331.15	95.44	48.835646	-86.927492	55847.84	56250.7	-0.67	55847.17	55894.85938	55851.57160	55925.21484	505320.9	5409188.1
L5320.0	505320.9	5409188.1	13322.79981	332.24	98.35	48.835646	-86.927492	55844.25	56250.7	-0.67	55843.57	55891.48047	55847.16961	55921.75000	505320.9	5409188.1
L5320.0	505320.9	5409189.7	13322.90039	333.03	92.9	48.835660	-86.927492	55840.59	56250.7	-0.68	55839.91	55888.03516	55842.58101	55918.09375	505320.9	5409189.7
L5320.0	505320.9	5409190.8	13323.00000	334.74	92.9	48.835670	-86.927491	55836.99	56250.7	-0.68	55836.31	55884.63672	55840.41168	55916.85547	505320.9	5409190.8
L5320.0	505320.9	5409192.8	13323.09961	334.81	94.41	48.835688	-86.927491	55833.39	56250.7	-0.68	55832.72	55881.24609	55839.60605	55916.97266	505320.9	5409192.8
L5320.0	505320.9	5409192.8	13323.20020	335.65	95.02	48.835688	-86.927491	55829.76	56250.7	-0.68	55829.08	55877.79688	55838.86311	55917.15234	505320.9	5409192.8
L5320.0	505320.9	5409194.0	13323.29981	333.58	97.61	48.835699	-86.927491	55826.06	56250.7	-0.67	55825.39	55874.28906	55838.17667	55917.38281	505320.9	5409194.0
L5320.0	505320.9	5409195.4	13323.40039	333.49	97.61	48.835711	-86.927491	55822.17	56250.7	-0.67	55821.50	55870.57422	55834.20669	55914.32422	505320.9	5409195.4
L5320.0	505320.9	5409196.9	13323.50000	335.86	100.84	48.835725	-86.927491	55818.35	56250.7	-0.67	55817.68	55866.92188	55832.91636	55913.93750	505320.9	5409196.9
L5320.0	505320.9	5409196.9	13323.59961	333.08	95.69	48.835725	-86.927491	55814.28	56250.7	-0.67	55813.61	55863.00781	55827.15487	55909.07422	505320.9	5409196.9
L5320.0	505320.9	5409199.4	13323.70020	332.82	95.69	48.835748	-86.927491	55810.21	56250.7	-0.67	55809.54	55859.08984	55822.47379	55905.28516	505320.9	5409199.4
L5320.0	505320.9	5409199.4	13323.79981	333.99	96.94	48.835748	-86.927491	55806.23	56250.7	-0.66	55805.57	55855.26172	55821.13162	55904.82813	505320.9	5409199.4
L5320.0	505320.9	5409200.8	13323.90039	334.27	101.41	48.835760	-86.927490	55801.91	56250.7	-0.66	55801.24	55851.06641	55812.69667	55897.26953	505320.9	5409200.8
L5320.0	505320.9	5409202.1	13324.00000	338.06	101.41	48.835772	-86.927490	55797.58	56250.7	-0.66	55796.92	55846.87500	55805.49771	55890.93750	505320.9	5409202.1
L5320.0	505320.9	5409203.7	13324.09961	335.79	101.41	48.835786	-86.927490	55793.34	56250.7	-0.66	55792.68	55842.75000	55801.12571	55887.42578	505320.9	5409203.7
L5320.0	505320.9	5409205.0	13324.20020	335.56	100.57	48.835798	-86.927491	55788.81	56250.7	-0.66	55788.14	55838.32031	55790.85136	55878.00000	505320.9	5409205.0
L5320.0	505320.9	5409205.0	13324.29981	336.54	99.21	48.835798	-86.927491	55784.40	56250.7	-0.66	55783.74	55834.01953	55784.72404	55872.71094	505320.9	5409205.0
L5320.0	505320.9	5409206.4	13324.40039	337.56	99.21	48.835810	-86.927491	55779.88	56250.7	-0.66	55779.21	55829.58203	55776.51048	55865.32422	505320.9	5409206.4
L5320.0	505320.9	5409208.0	13324.50000	335.55	97.74	48.835825	-86.927491	55775.43	56250.7	-0.67	55774.76	55825.21484	55771.01755	55860.64844	505320.9	5409208.0
L5320.0	505320.9	5409208.9	13324.50000	335.55	97.74	48.835833	-86.927491	55770.89	56250.7	-0.67	55770.22	55820.74609	55764.28257	55854.71484	505320.9	5409208.9
L5320.0	505320.8	5409210.1	13324.59961	335.30	96.59	48.835843	-86.927492	55766.15	56250.7	-0.67	55765.48	55816.07031	55753.71747	55844.94141	505320.8	5409210.1
L5320.0	505320.8	5409211.5	13324.79981	335.17	80.19	48.835856	-86.927492	55761.45	56250.7	-0.67	55760.79	55811.43750	55745.06429	55837.06641	505320.8	5409211.5
L5320.0	505320.8	5409211.5	13324.90039	336.09	96.26	48.835856	-86.927492	55756.76	56250.7	-0.67	55756.09	55806.78516	55736.89070	55829.66016	505320.8	5409211.5
L5320.0	505320.8	5409212.9	13325.00000	335.95	96.26	48.835869	-86.927492	55752.10	56250.7	-0.67	55751.43	55802.16406	55730.29510	55823.81250	505320.8	5409212.9
L5320.0	505320.8	5409214.8	13325.09961	335.84	93.34	48.835886	-86.927493	55747.22	56250.7	-0.67	55746.55	55797.30859	55719.25834	55813.50781	505320.8	5409214.8
L5320.0	505320.8	5409215.8	13325.20020	335.42	93.34	48.835895	-86.927493	55742.46	56250.7	-0.67	55741.79	55792.57031	55711.52863	55806.50000	505320.8	5409215.8
L5320.0	505320.7	5409217.2	13325.29981	337.31	90.02	48.835908	-86.927493	55737.50	56250.7	-0.67	55736.84	55787.62891	55699.97473	55795.64844	505320.7	5409217.2
L5320.0	505320.7	5409217.2	13325.40039	336.53	86.32	48.835908	-86.927493	55732.64	56250.7	-0.67	55731.98	55782.76953	55690.89714	55787.25781	505320.7	5409217.2
L5320.0	505320.7	5409218.7	13325.50000	336.32	86.32	48.835921	-86.927493	55727.67	56250.7	-0.67	55727.01	55777.78906	55679.70824	55776.73828	505320.7	5409218.7
L5320.0	505320.7	5409220.0	13325.59961	337.04	87.5	48.835932	-86.927493	55722.66	56250.7	-0.66	55722.00	55772.76172	55667.92638	55765.60547	505320.7	5409220.0
L5320.0	505320.7	5409221.6	13325.70020	334.96	88.21	48.835947	-86.927493	55717.52	56250.7	-0.66	55716.86	55767.59375	55653.49721	55751.81250	505320.7	5409221.6
L5320.0	505320.7	5409221.6	13325.79981	333.28	88.21	48.835947	-86.927493	55712.50	56250.7	-0.66	55711.83	55762.52734	55641.63836	55740.57031	505320.7	5409221.6
L5320.0	505320.7	5409223.0	13325.90039	333.07	86.76	48.835959	-86.927493	55707.32	56250.7	-0.66	55706.66	55757.30859	55626.76980	55726.29688	505320.7	5409223.0
L5320.0	505320.7	5409224.4	13326.00000	332.26	86.55	48.835972	-86.927493	55702.30	56250.7	-0.66	55701.64	55752.23047	55615.11816	55715.21875	505320.7	5409224.4
L5320.0	505320.7	5409225.6	13326.09961	331.34	86.55	48.835983	-86.927493	55697.11	56250.7	-0.66	55696.45	55746.97266	55599.64854	55700.30469	505320.7	5409225.6
L5320.0	505320.7	5409226.9	13326.20020	331.18	86.82	48.835995	-86.927493	55691.85	56250.7	-0.67	55691.18	55741.62891	55582.23993	55683.42969	505320.7	5409226.9
L5320.0	505320.7	5409226.9	13326.29981	329.89	82.47	48.835995	-86.927493	55686.70	56250.7	-0.67	55686.03	55736.39453	55567.05728	55668.76172	505320.7	5409226.9
L5320.0	505320.8	5409228.5	13326.40039	329.29	82.47	48.836009	-86.927493	55681.55	56250.7	-0.68	55680.87	55731.13672	55551.19576	55653.39453	505320.8	5409228.5
L5320.0	505320.8	5409229.7	13326.50000	328.74	83.97	48.836020	-86.927492	55676.35	56250.7	-0.68	55675.67	55725.83203	55533.90300	55636.57031	505320.8	5409229.7
L5320.0	505320.8	5409231.2	13326.50000	328.74	85.14	48.836034	-86.927492	55671.21	56250.7	-0.68	55670.53	55720.57813	55517.16059	55620.27344	505320.8	5409231.2
L5320.0	505320.8	5409232.2	13326.70020	329.76	84.96	48.836043	-86.927492	55665.97	56250.7	-0.69	55665.28	55715.20313	55497.24905	55600.78516	505320.8	5409232.2
L5320.0	505320.9	5409233.6	13326.79981	333.24	84.96	48.836055	-86.927491	55660.90	56250.7	-0.69	55660.21	55710.00000	55480.11564	55584.05469	505320.9	5409233.6
L5320.0	505320.9	5409233.6	13326.90039	333.90	86.86	48.836055	-86.927491	55655.62	56250.7	-0.70	55654.93	55704.57422	55457.41234	55561.73047	505320.9	5409233.6
L5320.0	505320.9	5409235.2	13327.00000	333.36	86.86	48.836069	-86.927491	55650.70	56250.7	-0.70	55650.00	55699.49219	55440.73253	55545.40234	505320.9	5409235.2
L5320.0	505320.9	5409236.3	13327.09961	331.88	86.78	48.836079	-86.927491	55645.51	56250.7	-0.70	55644.82	55694.14844	55417.31593	55522.31250	505320.9	5409236.3
L5320.0	505320.9	5409237.5	13327.20020	331.61	82.3	48.836090	-86.927490	55640.55	56250.7	-0.69	55639.85	55689.00391	55396.69877	55501.99609	505320.9	5409237.5
L5320.0	505320.9	5409239.1	13327.29981	333.15	82.3	48.836104	-86.927490	55635.48	56250.7	-0.69	55634.79	55683.76172	55372.42980	55478.00391	505320.9	5409239.1
L5320.0	505320.9	5409239.1	13327.40039	334.21	81.96	48.836104	-86.927490	55630.64	56250.7	-0.69	55629.95	55678.73047	55350.98354	55456.81250	505320.9	5409239.1
L5320.0	505321.0	5409241.6	13327.50000	332.72	81.96	48.836127	-86.927490	55625.78	56250.7	-0.68	55625.09	55673.67188	55327.17493	55433.22656	505321.0	5409241.6
L5320.0	505321.0	5409241.6	13327.59961	332.94	81.85	48.836127	-86.927490	55621.14	56250.7	-0.68	55620.46	55668.82813	55306.29401	55412.54297	505321.0	5409241.6
L5320.0	505321.0	5409242.9	13327.70020	333.04	79.78	48.836139	-86.927489	55616.42	56250.7	-0.68	55615.74	55663.89063	55281.41403	55387.83594	505321.0	5409242.9
L5320.0	505321.0	5409244.1	13327.79981	332.57	79.78	48.836150	-86.927489	55612.02	56250.7	-0.68	55611.34	55659.26172	55261.38567	55367.95703	505321.0	5409244.1
L5320.0	505321.0	5409245.7	13327.90039	332.71	80.05	48.836164	-86.927489	55607.60	56250.7	-0.67	55606.93	55654.61328	55239.04588	55345.73438	505321.0	5409245.7
L5320.0	505321.0	5409245.7	13328.00000	332.99	83.07	48.836164	-86.927489	55603.29	56250.7	-0.67	55602.62	55650.05469	55216.77161	55323.55078	505321.0	5409245.7
L5320.0	505321.0	5409247.1	13328.09961	334.58	73.35	48.836176	-86.927489	55598.97	56250.7	-0.67	55598.30	55645.47656	55192.13000	55298.97266	505321.0	5409247.1
L5320.0	505321.1	5409248.2	13328.20020	335.21	73.35	48.836187	-86.927488	55594.94	56250.7	-0.67	55594.27	55641.17969	55171.70586	55278.58203	505321.1	5409248.2
L5320.0	505321.1	5409249.8	13328.29981	334.15	74.53	48.836201	-86.927488	55590.77	56250.7	-0.67	55590.10	55636.73438	55145.89900	55252.78516	505321.1	5409249.8
L5320.0	505321.1	5409251.1	13328.40039	334.20	74.53	48.836213	-86.927488	55586.87	56250.7	-0.67	55586.20	55632.55078	55123.68523	55230.55469	505321.1	5409251.1
L5320.0	505321.1	5409251.1	13328.50000	334.58	74.69	48.836213	-86.927488	55583.03	56250.7	-0.67	55582.36	55628.41797	55100.32839	55207.14844	505321.1	5409251.1
L5320.0	505321.1	5409252.8	13328.50000	334.58	74.69	48.836228	-86.927488	55579.46	56250.7	-0.67	55578.79	55624.54297	55080.34534	55187.08594	505321.1	5409252.8
L5320.0	505321.1	5409254.1	13328.70020	337.05	75.51	48.836239	-86.927488	55575.83	56250.7	-0.67	55575.16	55620.60156	55056.27738	55162.91016	505321.1	5409254.1
L5320.0	505321.1	5409255.2	13328.79981	337.58	76.11	48.836250	-86.927487	55572.55	56250.7	-0.67	55571.88	55617.00391	55037.09557	55143.59766	505321.1	5409255.2
L5320.0	505321.1	5409256.6	13328.90039	335.30	76.11	48.836262	-86.927487	55569.31	56250.7	-0.67	55568.64	55613.43359	55015.82562	55122.16797	505321.1	5409256.6
L5320.0	505321.1	5409257.6	13329.00000	335.22	75.88	48.836271	-86.927487	55566.48	56250.7	-0.67	55565.81	55610.26953	55000.52268	55106.67188	505321.1	5409257.6
L5320.0	505321.1	5409259.2	13329.09961	334.07	75.88	48.836286	-86.927487	55563.60	56250.7	-0.67	55562.93	55607.04297	54981.00362	55086.93359	505321.1	5409259.2
L5320.0	505321.1	5409259.2	13329.20020	333.71	73.78	48.836286	-86.927487	55561.24	56250.7	-0.66	55560.57	55604.32813	54969.76880	55075.44922	505321.1	5409259.2
L5320.0	505321.1	5409260.6	13329.29981	333.09	75.03	48.836298	-86.927487	55558.81	56250.7	-0.66	55558.15	55601.54688	54954.05151	55059.45703	505321.1	5409260.6
L5320.0	505321.1	5409261.9	13329.40039	332.90	75.03	48.836310	-86.927487	55556.84	56250.7	-0.66	55556.18	55599.21094	54944.98096	55050.08203	505321.1	5409261.9
L5320.0	505321.1	5409263.3	13329.50000	331.90	75.19	48.836322	-86.927487	55554.94	56250.7	-0.65	55554.29	55596.94141	54934.44242	55039.21094	505321.1	5409263.3
L5320.0	505321.1	5409264.9	13329.59961	332.27	75.19	48.836337	-86.927487	55553.42	56250.7	-0.65	55552.77	55595.03516	54928.68095	55033.08594	505321.1	5409264.9
L5320.0	505321.1	5409264.9	13329.70020	331.56	68.97	48.836337	-86.927487	55552.04	56250.6	-0.65	55551.39	55593.26172	54922.57449	55026.58984	505321.1	5409264.9
L5320.0	505321.1	5409266.1	13329.79981	332.12	68.97	48.836347	-86.927487	55550.93	56250.6	-0.65	55550.29	55591.76172	54919.00284	55022.60156	505321.1	5409266.1
L5320.0	505321.1	5409267.3	13329.90039	331.63	76.41	48.836358	-86.927488	55549.93	56250.6	-0.64	55549.29	55590.35547	54913.94258	55017.09766	505321.1	5409267.3
L5320.0	505321.1	5409268.9	13330.00000	330.39	74.35	48.836372	-86.927488	55549.33	56250.6	-0.64	55548.69	55589.33984	54913.54481	55016.22656	505321.1	5409268.9

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5320.0	505321.1	5409270.3	13330.09961	333.37	74.35	48.836385	-86.927488	55548.75	56250.6	-0.64	55548.11	55588.33594	54909.57396	55011.75000	505321.1	5409270.3
L5320.0	505321.1	5409270.3	13330.20020	332.79	71.69	48.836385	-86.927488	55548.56	56250.7	-0.65	55547.90	55587.69922	54909.22529	55010.87500	505321.1	5409270.3
L5320.0	505321.1	5409273.0	13330.29981	333.86	68.66	48.836410	-86.927488	55548.53	56250.7	-0.65	55547.87	55587.23438	54908.36367	55009.46094	505321.1	5409273.0
L5320.0	505321.1	5409273.0	13330.40039	332.74	70.58	48.836410	-86.927488	55548.81	56250.7	-0.66	55548.14	55587.05859	54909.35624	55009.87109	505321.1	5409273.0
L5320.0	505321.1	5409273.0	13330.50000	332.11	70.58	48.836410	-86.927488	55549.28	56250.7	-0.67	55548.62	55587.08984	54910.20405	55010.10938	505321.1	5409273.0
L5320.0	505321.1	5409274.9	13330.50000	332.11	71.94	48.836426	-86.927488	55550.11	56250.7	-0.67	55549.44	55587.45313	54913.46461	55012.73438	505321.1	5409274.9
L5320.0	505321.0	5409276.5	13330.70020	330.90	70.79	48.836441	-86.927488	55551.11	56250.7	-0.68	55550.44	55587.99219	54915.79016	55014.39844	505321.0	5409276.5
L5320.0	505321.0	5409276.5	13330.79981	328.37	70.73	48.836441	-86.927488	55552.49	56250.7	-0.68	55551.81	55588.89453	54921.04401	55018.96875	505321.0	5409276.5
L5320.0	505321.0	5409279.5	13330.90039	328.84	69.91	48.836468	-86.927488	55553.92	56250.7	-0.69	55553.23	55589.83984	54922.67406	55019.89063	505321.0	5409279.5
L5320.0	505321.0	5409279.5	13331.00000	328.79	69.91	48.836468	-86.927488	55555.82	56250.7	-0.69	55555.13	55591.26172	54929.47921	55025.96094	505321.0	5409279.5
L5320.0	505321.0	5409281.1	13331.09961	327.68	69.85	48.836482	-86.927488	55557.76	56250.7	-0.69	55557.07	55592.71484	54932.49557	55028.21484	505321.0	5409281.1
L5320.0	505321.0	5409282.5	13331.20020	328.91	70.08	48.836495	-86.927488	55560.19	56250.7	-0.69	55559.50	55594.65625	54941.01610	55035.94922	505321.0	5409282.5
L5320.0	505321.0	5409282.5	13331.29981	329.26	65.85	48.836495	-86.927488	55562.57	56250.7	-0.68	55561.88	55596.53906	54944.02064	55038.14844	505321.0	5409282.5
L5320.0	505321.0	5409283.9	13331.40039	331.07	65.85	48.836507	-86.927488	55565.36	56250.7	-0.68	55564.67	55598.82813	54951.08427	55044.38281	505321.0	5409283.9
L5320.0	505321.0	5409286.0	13331.50000	331.11	68.93	48.836526	-86.927488	55568.28	56250.7	-0.68	55567.60	55601.25391	54956.73691	55049.18359	505321.0	5409286.0
L5320.0	505321.0	5409286.9	13331.59961	332.90	68.93	48.836535	-86.927488	55571.49	56250.7	-0.68	55570.81	55603.95313	54963.94919	55055.51953	505321.0	5409286.9
L5320.0	505321.0	5409288.3	13331.70020	333.43	66.37	48.836547	-86.927488	55574.83	56250.7	-0.68	55574.16	55606.78906	54969.87354	55060.54688	505321.0	5409288.3
L5320.0	505321.0	5409288.3	13331.79981	334.69	67.55	48.836547	-86.927488	55578.46	56250.7	-0.67	55577.79	55609.89844	54977.59021	55067.34766	505321.0	5409288.3
L5320.0	505321.0	5409290.2	13331.90039	333.14	67.55	48.836564	-86.927488	55582.27	56250.7	-0.67	55581.60	55613.18750	54985.08732	55073.91016	505321.0	5409290.2
L5320.0	505321.0	5409291.6	13332.00000	331.90	68.91	48.836577	-86.927488	55586.34	56250.7	-0.67	55585.67	55616.73047	54994.17314	55082.03516	505321.0	5409291.6
L5320.0	505321.0	5409291.6	13332.09961	332.18	68.56	48.836577	-86.927488	55590.65	56250.7	-0.67	55589.97	55620.49609	55004.39831	55091.28125	505321.0	5409291.6
L5320.0	505321.0	5409293.9	13332.20020	334.23	68.56	48.836598	-86.927488	55595.09	56250.7	-0.68	55594.41	55624.40234	55014.00110	55099.89063	505321.0	5409293.9
L5320.0	505321.0	5409295.3	13332.29981	335.13	67.19	48.836610	-86.927488	55599.88	56250.7	-0.68	55599.20	55628.65625	55027.72144	55112.59766	505321.0	5409295.3
L5320.0	505321.0	5409295.3	13332.40039	335.14	69.25	48.836610	-86.927488	55604.74	56250.7	-0.69	55604.05	55632.96484	55039.36769	55123.21484	505321.0	5409295.3
L5320.0	505321.0	5409296.5	13332.50000	334.18	69.25	48.836621	-86.927488	55609.90	56250.7	-0.69	55609.21	55637.58203	55054.56468	55137.36328	505321.0	5409296.5
L5320.0	505321.0	5409298.1	13332.50000	334.18	68.04	48.836636	-86.927488	55615.18	56250.7	-0.69	55614.49	55642.31641	55069.22519	55150.95703	505321.0	5409298.1
L5320.0	505321.0	5409298.1	13332.70020	336.34	65.8	48.836636	-86.927488	55620.64	56250.7	-0.70	55619.94	55647.21484	55084.48369	55165.13281	505321.0	5409298.1
L5320.0	505321.0	5409300.0	13332.79981	335.99	65.8	48.836652	-86.927488	55626.25	56250.7	-0.70	55625.54	55652.26563	55099.94089	55179.50000	505321.0	5409300.0
L5320.0	505321.0	5409301.9	13332.90039	335.07	65.74	48.836669	-86.927488	55632.13	56250.7	-0.71	55631.42	55657.59375	55118.50560	55196.95703	505321.0	5409301.9
L5320.0	505321.0	5409301.9	13333.00000	334.86	66.01	48.836669	-86.927488	55638.12	56250.7	-0.71	55637.41	55663.02734	55136.47235	55213.80078	505321.0	5409301.9
L5320.0	505321.0	5409304.4	13333.09961	335.87	66.01	48.836692	-86.927489	55644.28	56250.7	-0.71	55643.57	55668.62891	55155.26667	55231.45703	505321.0	5409304.4
L5320.0	505321.0	5409304.4	13333.20020	333.82	59.54	48.836692	-86.927489	55650.56	56250.7	-0.71	55649.85	55674.35156	55173.85452	55248.89453	505321.0	5409304.4
L5320.0	505321.0	5409306.1	13333.29981	333.48	59.54	48.836707	-86.927489	55657.04	56250.7	-0.70	55656.34	55680.28125	55194.35250	55268.23438	505321.0	5409306.1
L5320.0	505321.0	5409307.5	13333.40039	334.16	64.21	48.836720	-86.927489	55663.66	56250.7	-0.70	55662.96	55686.34375	55215.02442	55287.73828	505321.0	5409307.5
L5320.0	505321.0	5409307.5	13333.50000	333.15	64.4	48.836720	-86.927489	55670.43	56250.7	-0.70	55669.73	55692.55078	55236.39156	55307.92578	505321.0	5409307.5
L5320.0	505321.0	5409308.9	13333.59961	333.88	64.81	48.836732	-86.927489	55677.28	56250.7	-0.70	55676.58	55698.83984	55256.96730	55327.31250	505321.0	5409308.9
L5320.0	505321.0	5409310.3	13333.70020	333.50	64.81	48.836745	-86.927489	55684.38	56250.7	-0.70	55683.68	55705.37500	55280.66309	55349.80859	505321.0	5409310.3
L5320.0	505321.0	5409311.6	13333.79981	332.63	64.81	48.836757	-86.927489	55691.54	56250.7	-0.69	55690.85	55711.98438	55303.51514	55371.45313	505321.0	5409311.6
L5320.0	505320.9	5409313.3	13333.90039	331.12	65.11	48.836772	-86.927489	55698.86	56250.7	-0.69	55698.17	55718.74219	55327.39287	55394.12109	505320.9	5409313.3
L5320.0	505320.9	5409314.7	13334.00000	333.12	62.53	48.836785	-86.927489	55706.32	56250.7	-0.69	55705.63	55725.64063	55352.12603	55417.63672	505320.9	5409314.7
L5320.0	505320.9	5409314.7	13334.09961	336.27	62.53	48.836785	-86.927489	55713.91	56250.7	-0.69	55713.22	55732.66797	55377.55685	55441.83984	505320.9	5409314.7
L5320.0	505320.9	5409314.7	13334.20020	335.21	64.88	48.836785	-86.927489	55721.45	56250.7	-0.69	55720.76	55739.64453	55399.77596	55462.82813	505320.9	5409314.7
L5320.0	505320.9	5409317.0	13334.29981	336.00	66.86	48.836806	-86.927489	55729.26	56250.7	-0.69	55728.57	55746.89453	55425.99808	55487.81641	505320.9	5409317.0
L5320.0	505320.9	5409318.6	13334.40039	335.18	66.86	48.836820	-86.927489	55737.08	56250.7	-0.69	55736.39	55754.15625	55450.56031	55511.14063	505320.9	5409318.6
L5320.0	505320.9	5409318.6	13334.50000	335.03	65.97	48.836820	-86.927489	55745.02	56250.7	-0.68	55744.33	55761.53906	55476.03705	55535.37891	505320.9	5409318.6
L5320.0	505320.9	5409321.0	13334.50000	335.03	65.97	48.836841	-86.927489	55753.01	56250.7	-0.68	55752.32	55768.97266	55501.01881	55559.11719	505320.9	5409321.0
L5320.0	505320.9	5409321.0	13334.59961	334.63	63.6	48.836841	-86.927489	55761.06	56250.7	-0.68	55760.38	55776.47656	55526.09079	55582.94141	505320.9	5409321.0
L5320.0	505320.9	5409323.1	13334.79981	330.56	59.89	48.836860	-86.927490	55769.15	56250.7	-0.68	55768.47	55784.01172	55550.51634	55606.12500	505320.9	5409323.1
L5320.0	505320.9	5409324.7	13334.90039	328.73	60.48	48.836874	-86.927490	55777.42	56250.7	-0.68	55776.74	55791.73438	55577.72526	55632.08984	505320.9	5409324.7
L5320.0	505320.9	5409325.6	13335.00000	328.47	60.48	48.836882	-86.927490	55785.57	56250.7	-0.68	55784.89	55799.33594	55601.28755	55654.41016	505320.9	5409325.6
L5320.0	505320.9	5409326.9	13335.09961	329.30	60.81	48.836895	-86.927490	55793.89	56250.7	-0.68	55793.21	55807.10938	55627.64634	55679.52734	505320.9	5409326.9
L5320.0	505320.9	5409326.9	13335.20020	331.04	63.31	48.836895	-86.927490	55802.11	56250.7	-0.68	55801.43	55814.78516	55651.02642	55701.66797	505320.9	5409326.9
L5320.0	505320.9	5409328.3	13335.29981	332.07	64.62	48.836907	-86.927490	55810.56	56250.7	-0.68	55809.88	55822.69531	55678.67336	55728.07813	505320.9	5409328.3
L5320.0	505320.9	5409329.7	13335.40039	331.59	64.62	48.836920	-86.927490	55818.81	56250.7	-0.68	55818.13	55830.40625	55701.39446	55749.57031	505320.9	5409329.7
L5320.0	505320.9	5409330.6	13335.50000	331.95	63.19	48.836928	-86.927490	55827.31	56250.7	-0.68	55826.63	55838.37500	55728.98322	55775.92969	505320.9	5409330.6
L5320.0	505320.9	5409331.8	13335.59961	333.90	64.69	48.836938	-86.927490	55835.63	56250.7	-0.68	55834.95	55846.16406	55752.31243	55798.03516	505320.9	5409331.8
L5320.0	505320.8	5409333.2	13335.70020	333.84	61.61	48.836951	-86.927490	55844.08	56250.7	-0.68	55843.40	55854.08594	55778.12535	55822.62891	505320.8	5409333.2
L5320.0	505320.8	5409334.6	13335.79981	333.34	60.57	48.836963	-86.927490	55852.42	56250.7	-0.68	55851.74	55861.90625	55801.42387	55844.71875	505320.8	5409334.6
L5320.0	505320.8	5409336.2	13335.90039	333.39	63.17	48.836978	-86.927490	55860.89	56250.7	-0.68	55860.21	55869.85547	55827.42612	55869.51953	505320.8	5409336.2
L5320.0	505320.8	5409337.1	13336.00000	334.08	63.17	48.836987	-86.927491	55869.14	56250.7	-0.68	55868.46	55877.59375	55848.85995	55889.75781	505320.8	5409337.1
L5320.0	505320.8	5409338.3	13336.09961	332.61	59.65	48.836997	-86.927491	55877.56	56250.7	-0.68	55876.88	55885.50391	55874.09903	55913.80859	505320.8	5409338.3
L5320.0	505320.8	5409338.3	13336.20020	330.55	60.73	48.836997	-86.927491	55885.88	56250.7	-0.69	55885.20	55893.31641	55897.56424	55936.09766	505320.8	5409338.3
L5320.0	505320.8	5409340.0	13336.29981	330.11	61.85	48.837012	-86.927491	55894.11	56250.7	-0.69	55893.42	55901.03906	55919.37871	55956.74219	505320.8	5409340.0
L5320.0	505320.8	5409341.4	13336.40039	330.24	61.97	48.837024	-86.927491	55902.28	56250.7	-0.69	55901.58	55908.70313	55940.50248	55976.71094	505320.8	5409341.4
L5320.0	505320.8	5409342.5	13336.50000	329.88	57.19	48.837035	-86.927491	55910.52	56250.7	-0.69	55909.82	55916.45313	55963.99263	55999.05469	505320.8	5409342.5
L5320.0	505320.7	5409343.7	13336.50000	329.88	57.19	48.837046	-86.927492	55918.52	56250.7	-0.69	55917.82	55923.96875	55983.21096	56017.13672	505320.7	5409343.7
L5320.0	505320.7	5409345.1	13336.70020	329.06	58.86	48.837058	-86.927492	55926.58	56250.7	-0.70	55925.88	55931.55078	56004.57388	56037.37500	505320.7	5409345.1
L5320.0	505320.7	5409345.1	13336.79981	331.68	55.37	48.837058	-86.927492	55934.53	56250.7	-0.70	55933.82	55939.01563	56024.37710	56056.06641	505320.7	5409345.1
L5320.0	505320.7	5409345.1	13336.90039	331.37	58.71	48.837058	-86.927492	55942.39	56250.7	-0.71	55941.69	55946.41797	56043.75472	56074.34766	505320.7	5409345.1
L5320.0	505320.7	5409347.7	13337.00000	331.18	58.71	48.837082	-86.927492	55950.16	56250.7	-0.71	55949.45	55953.71875	56061.94104	56091.44922	505320.7	5409347.7
L5320.0	505320.7	5409349.1	13337.09961	330.98	59.17	48.837094	-86.927492	55957.92	56250.7	-0.71	55957.21	55961.02344	56081.34705	56109.78516	505320.7	5409349.1
L5320.0	505320.7	5409349.1	13337.20020	331.80	56.39	48.837094	-86.927492	55965.52	56250.7	-0.70	55964.81	55968.17578	56098.65466	56126.03516	505320.7	5409349.1
L5320.0	505320.7	5409351.0	13337.29981	332.70	59.38	48.837111	-86.927493	55973.03	56250.7	-0.70	55972.33	55975.25391	56115.62807	56141.96875	505320.7	5409351.0
L5320.0	505320.6	5409352.4	13337.40039	331.36	60.94	48.837123	-86.927493	55980.39	56250.7	-0.70	55979.69	55982.17578	56130.62095	56155.93750	505320.6	5409352.4
L5320.0	505320.6	5409353.7	13337.50000	333.09	58.74	48.837136	-86.927493	55987.77	56250.7	-0.69	55987.08	55989.13672	56147.72905	56172.03516	505320.6	5409353.7
L5320.0	505320.6	5409355.1	13337.59961	333.74	58.74	48.837148	-86.927493	55994.88	56250.7	-0.69	55994.19	55995.82813	56160.37105	56183.68359	505320.6	5409355.1
L5320.0	505320.6	5409356.3	13337.70020	333.36	61.17	48.837159	-86.927493	56001.94	56250.7	-0.69	56001.25	56002.47266	56173.48862	56195.82031	505320.6	5409356.3
L5320.0	505320.6	5409357.6	13337.79981	335.38	61.11	48.837171	-86.927494	56008.87	56250.7	-0.69	56008.18	56008.99219	56185.39581	56206.76953	505320.6	5409357.6
L5320.0	505320.6	5409357.6	13337.90039	334.54	61.11	48.837171	-86.927494	56015.80	56250.7	-0.68	56015.11	56015.52344	56198.89293	56219.32422	505320.6	5409357.6
L5320.0	505320.5	5409359.0	13338.00000	334.73	59.04	48.837183	-86.927494	56022.48	56250.7	-0.68	56021.80	56021.82031	56208.85791	56228.36719	505320.5	5409359.0
L5320.0	505320.5	5409360.8	13338.09961	333.43	57.87	48.837200	-86.927494	56029.18	56250.7	-0.68	56028.50	56028.13672	56220.68699	56239.28906	505320.5	5409360.8
L5320.0	505320.5	5409360.8	13338.20020	332.52	57.87	48.837200	-86.927494	56035.58	56250.7	-0.68	56034.90	56034.15625	56227.79080	56245.50391	505320.5	5409360.8
L5320.0	505320.5	5409362.5	13338.29981	333.54	57.78	48.837214	-86.927494	56042.03	56250.7	-0.68	56041.35	56040.23828	56237.71618	56254.55859	505320.5	5409362.5
L5320.0	505320.5	5409363.8	13338.40039	333.66	58.22	48.837227	-86.927495	56048.31	56250.7	-0.68	56047.63	56046.15625	56245.80716	56261.80078	505320.5	5409363.8
L5320.0	505320.5	5409364.5	13338.50000	332.88	58.22	48.837233	-86.927495	56054.40	56250.7	-0.68	56053.72	56051.89453	56251.69389	56266.85547	505320.5	5409364.5
L5320.0	505320.5	5409366.1	13338.50000	332.88	55.04	48.837247	-86.927495	56060.50	56250.7	-0.68	56059.82	56057.64844	56259.66669	56274.01563	505320.5	5409366.1
L5320.0	505320.5	5409366.8	13338.70020	332.56	58.58	48.837253	-86.927495	56066.52	56250.7	-0.68	56065.84	56063.32813	56267.85335	56281.41016	505320.5	5409366.8
L5320.0	505320.4	5409368.1	13338.79981	332.38	58.58	48.837265	-86.927495	56072.31	56250.7	-0.68	56071.63	56068.78906	56273.14465	56285.92969	505320.4	5409368.1
L5320.0	505320.4	5409369.5	13338.90039	330.52	58.82	48.837277	-86.927495	56078.20	56250.7	-0.68	56077.52	56074.35938	56282.50932	56294.54297	505320.4	5409369.5
L5320.0	505320.4	5409370.9	13339.00000	330.40	58.26	48.837290	-86.927495	56083.72	56250.7	-0.68	56083.04	56079.56641	56286.15261	56297.45313	505320.4	5409370.9
L5320.0	505320.4	5409370.9	13339.09961	330.61	58.12	48.837290	-86.927495	56089.13	56250.7	-0.68	56088.45	56084.67188	56289.56563	56300.15234	505320.4	5409370.9
L5320.0	505320.4	5409372.8	13339.20020	329.90	58.12	48.837307	-86.927495	56094.38	56250.7	-0.68	56093.70	56089.62891	56291.74708	56301.64063	505320.4	5409372.8
L5320.0	505320.4	5409374.2	13339.29981	330.16	59.06	48.837320	-86.927495	56099.61	56250.7	-0.68	56098.93	56094.57031	56295.62917	56304.85156	505320.4	5409374.2

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5320.0	505320.4	5409374.2	13339.40039	329.80	60.09	48.837320	-86.927495	56104.61	56250.7	-0.68	56103.92	56099.28516	56296.72146	56305.29688	505320.4	5409374.2
L5320.0	505320.4	5409375.9	13339.50000	330.19	60.09	48.837335	-86.927495	56109.70	56250.7	-0.68	56109.01	56104.10547	56302.02104	56309.96484	505320.4	5409375.9
L5320.0	505320.4	5409377.0	13339.59961	331.08	60.96	48.837345	-86.927495	56114.55	56250.7	-0.69	56113.86	56108.69531	56304.57315	56311.90625	505320.4	5409377.0
L5320.0	505320.4	5409378.4	13339.59961	331.08	58.58	48.837358	-86.927495	56119.46	56250.7	-0.69	56118.77	56113.35156	56310.53102	56317.27344	505320.4	5409378.4
L5320.0	505320.4	5409379.4	13339.79981	328.54	59.83	48.837366	-86.927495	56124.03	56250.7	-0.69	56123.34	56117.67969	56311.75115	56317.92578	505320.4	5409379.4
L5320.0	505320.4	5409380.9	13339.90039	329.58	60.76	48.837380	-86.927495	56128.77	56250.7	-0.69	56128.08	56122.18750	56318.62335	56324.25391	505320.4	5409380.9
L5320.0	505320.4	5409380.9	13340.00000	331.36	60.76	48.837380	-86.927495	56133.10	56250.7	-0.69	56132.41	56126.29297	56319.32912	56324.43359	505320.4	5409380.9
L5320.0	505320.4	5409383.3	13340.09961	331.36	56.53	48.837401	-86.927495	56137.49	56250.7	-0.69	56136.80	56130.46875	56323.43306	56328.03125	505320.4	5409383.3
L5320.0	505320.4	5409383.3	13340.20020	331.03	57.36	48.837401	-86.927495	56141.64	56250.7	-0.69	56140.95	56134.41016	56324.80781	56328.91797	505320.4	5409383.3
L5320.0	505320.4	5409384.8	13340.29981	329.16	57.36	48.837415	-86.927495	56145.66	56250.7	-0.69	56144.97	56138.23438	56325.67448	56329.32031	505320.4	5409384.8
L5320.0	505320.4	5409385.5	13340.40039	328.84	58.75	48.837422	-86.927495	56149.62	56250.7	-0.69	56148.92	56141.99609	56327.23353	56330.43359	505320.4	5409385.5
L5320.0	505320.5	5409387.0	13340.50000	330.03	58.75	48.837435	-86.927495	56153.58	56250.7	-0.69	56152.88	56145.77734	56331.11841	56333.89453	505320.5	5409387.0
L5320.0	505320.5	5409388.5	13340.50000	330.03	57.23	48.837448	-86.927495	56157.38	56250.7	-0.69	56156.68	56149.40625	56333.82498	56336.19922	505320.5	5409388.5
L5320.0	505320.5	5409389.7	13340.70020	330.44	52.35	48.837459	-86.927495	56161.26	56250.7	-0.70	56160.57	56153.13672	56340.50267	56342.48828	505320.5	5409389.7
L5320.0	505320.5	5409389.7	13340.79981	330.74	52.35	48.837459	-86.927495	56164.79	56250.7	-0.70	56164.10	56156.51172	56341.81091	56343.43359	505320.5	5409389.7
L5320.0	505320.5	5409391.1	13340.90039	333.09	56.11	48.837472	-86.927494	56168.40	56250.7	-0.70	56167.70	56159.96875	56346.63965	56347.91797	505320.5	5409391.1
L5320.0	505320.5	5409392.4	13341.00000	333.38	56.11	48.837484	-86.927494	56171.77	56250.7	-0.70	56171.07	56163.20703	56348.71783	56349.67188	505320.5	5409392.4
L5320.0	505320.5	5409393.9	13341.09961	333.64	56.08	48.837497	-86.927494	56175.08	56250.7	-0.70	56174.38	56166.39453	56351.56571	56352.21484	505320.5	5409393.9
L5320.0	505320.5	5409395.0	13341.20020	333.06	56.08	48.837507	-86.927494	56178.36	56250.7	-0.70	56177.67	56169.56641	56356.01338	56356.37500	505320.5	5409395.0
L5320.0	505320.5	5409396.2	13341.29981	331.86	56.01	48.837517	-86.927494	56181.46	56250.7	-0.69	56180.76	56172.55078	56358.23971	56358.33203	505320.5	5409396.2
L5320.0	505320.5	5409397.6	13341.40039	332.44	57.69	48.837531	-86.927494	56184.48	56250.7	-0.69	56183.79	56175.48438	56361.17624	56361.02344	505320.5	5409397.6
L5320.0	505320.5	5409398.9	13341.50000	330.97	57.69	48.837542	-86.927494	56187.52	56250.7	-0.69	56186.83	56178.43359	56366.30261	56365.91797	505320.5	5409398.9
L5320.0	505320.5	5409398.9	13341.59961	329.63	56.41	48.837542	-86.927494	56190.34	56250.7	-0.69	56189.65	56181.17578	56368.68163	56368.08594	505320.5	5409398.9
L5320.0	505320.5	5409400.4	13341.70020	330.46	56.41	48.837556	-86.927494	56193.16	56250.7	-0.69	56192.47	56183.92578	56372.99985	56372.20703	505320.5	5409400.4
L5320.0	505320.5	5409401.8	13341.79981	331.59	55.82	48.837568	-86.927494	56195.86	56250.7	-0.68	56195.17	56186.56250	56376.66128	56375.69531	505320.5	5409401.8
L5320.0	505320.5	5409401.8	13341.90039	330.71	54.55	48.837568	-86.927494	56198.45	56250.7	-0.68	56197.76	56189.09766	56379.85088	56378.72266	505320.5	5409401.8
L5320.0	505320.5	5409403.3	13342.00000	334.24	54.55	48.837581	-86.927494	56201.02	56250.7	-0.68	56200.34	56191.63672	56384.71147	56383.44531	505320.5	5409403.3
L5320.0	505320.5	5409404.7	13342.09961	336.59	52.71	48.837595	-86.927494	56203.41	56250.7	-0.68	56202.73	56193.98828	56387.31605	56385.92188	505320.5	5409404.7
L5320.0	505320.5	5409406.4	13342.20020	338.81	52.71	48.837610	-86.927494	56205.82	56250.7	-0.68	56205.14	56196.37109	56392.20113	56390.69922	505320.5	5409406.4
L5320.0	505320.5	5409407.7	13342.29981	337.01	54.17	48.837621	-86.927494	56208.06	56250.7	-0.68	56207.38	56198.59375	56395.21766	56393.62109	505320.5	5409407.7
L5320.0	505320.5	5409407.7	13342.40039	336.38	54.17	48.837621	-86.927494	56210.36	56250.7	-0.68	56209.68	56200.88281	56401.36561	56399.69531	505320.5	5409407.7
L5320.0	505320.5	5409409.0	13342.50000	333.60	57.75	48.837633	-86.927494	56212.55	56250.7	-0.68	56211.87	56203.07031	56406.92087	56405.18750	505320.5	5409409.0
L5320.0	505320.5	5409410.6	13342.50000	333.60	57.75	48.837648	-86.927494	56214.44	56250.7	-0.68	56213.76	56204.96875	56407.70457	56405.92578	505320.5	5409410.6
L5320.0	505320.5	5409412.2	13342.70020	331.98	55.51	48.837662	-86.927494	56216.43	56250.7	-0.68	56215.75	56206.97266	56412.44013	56410.62891	505320.5	5409412.2
L5320.0	505320.5	5409412.2	13342.79981	331.23	56.02	48.837662	-86.927494	56218.24	56250.7	-0.68	56217.56	56208.80469	56414.98497	56413.15625	505320.5	5409412.2
L5320.0	505320.5	5409413.7	13342.90039	330.46	56.02	48.837675	-86.927494	56220.03	56250.7	-0.68	56219.35	56210.62500	56418.82083	56416.99219	505320.5	5409413.7
L5320.0	505320.5	5409415.0	13343.00000	330.60	56.44	48.837687	-86.927494	56221.71	56250.7	-0.68	56221.03	56212.34375	56421.95583	56420.13672	505320.5	5409415.0
L5320.0	505320.5	5409416.2	13343.09961	334.42	56.44	48.837697	-86.927494	56223.36	56250.7	-0.68	56222.68	56214.04297	56426.12099	56424.32813	505320.5	5409416.2
L5320.0	505320.5	5409416.2	13343.20020	334.54	52.69	48.837697	-86.927494	56224.82	56250.7	-0.68	56224.14	56215.55469	56427.79479	56426.03906	505320.5	5409416.2
L5320.0	505320.5	5409418.6	13343.29981	333.12	52.94	48.837719	-86.927494	56226.34	56250.7	-0.68	56225.66	56217.13672	56432.42905	56430.72266	505320.5	5409418.6
L5320.0	505320.5	5409418.6	13343.40039	332.62	52.94	48.837719	-86.927494	56227.61	56250.7	-0.68	56226.93	56218.47656	56433.22251	56431.57813	505320.5	5409418.6
L5320.0	505320.5	5409420.0	13343.50000	331.56	54.56	48.837732	-86.927494	56228.86	56250.7	-0.68	56228.18	56219.80469	56435.19172	56433.62109	505320.5	5409420.0
L5320.0	505320.5	5409421.8	13343.59961	332.96	54.56	48.837748	-86.927494	56229.98	56250.7	-0.68	56229.30	56221.00781	56435.91669	56434.43359	505320.5	5409421.8
L5320.0	505320.5	5409423.2	13343.70020	330.31	55.59	48.837761	-86.927494	56231.14	56250.7	-0.68	56230.46	56222.25781	56439.09846	56437.71094	505320.5	5409423.2
L5320.0	505320.5	5409424.6	13343.79981	331.36	55.59	48.837773	-86.927494	56232.15	56250.7	-0.68	56231.47	56223.36719	56440.56342	56439.28516	505320.5	5409424.6
L5320.0	505320.5	5409424.6	13343.90039	333.16	54.7	48.837773	-86.927494	56233.06	56250.7	-0.68	56232.38	56224.38281	56441.38116	56440.22266	505320.5	5409424.6
L5320.0	505320.5	5409425.9	13344.00000	333.49	54.7	48.837785	-86.927494	56233.84	56250.7	-0.68	56233.16	56225.27344	56440.86313	56439.83203	505320.5	5409425.9
L5320.0	505320.5	5409425.9	13344.09961	333.70	54.59	48.837785	-86.927494	56234.60	56250.7	-0.68	56233.92	56226.15234	56441.38031	56440.48828	505320.5	5409425.9
L5320.0	505320.5	5409427.7	13344.20020	333.83	54.59	48.837801	-86.927494	56235.32	56250.7	-0.68	56234.64	56226.99609	56442.46685	56441.71875	505320.5	5409427.7
L5320.0	505320.5	5409429.1	13344.29981	334.65	53.67	48.837814	-86.927494	56235.86	56250.7	-0.67	56235.18	56227.66797	56441.03349	56440.44141	505320.5	5409429.1
L5320.0	505320.5	5409430.7	13344.40039	335.94	53.67	48.837828	-86.927494	56236.44	56250.7	-0.67	56235.77	56228.39453	56442.07806	56441.65234	505320.5	5409430.7
L5320.0	505320.5	5409432.1	13344.50000	333.41	52.48	48.837841	-86.927494	56236.82	56250.7	-0.67	56236.15	56228.91797	56439.88503	56439.63281	505320.5	5409432.1
L5320.0	505320.5	5409432.1	13344.50000	333.41	52.48	48.837841	-86.927494	56237.23	56250.7	-0.67	56236.56	56229.48047	56439.67270	56439.60156	505320.5	5409432.1
L5320.0	505320.5	5409433.7	13344.59961	331.52	53	48.837855	-86.927494	56237.48	56250.7	-0.67	56236.81	56229.88281	56437.25892	56437.37500	505320.5	5409433.7
L5320.0	505320.5	5409435.0	13344.79981	332.94	52.02	48.837867	-86.927494	56237.64	56250.7	-0.66	56236.98	56230.21484	56434.36912	56434.67969	505320.5	5409435.0
L5320.0	505320.5	5409435.0	13344.90039	332.59	52.02	48.837867	-86.927494	56237.79	56250.7	-0.66	56237.12	56230.52344	56432.07186	56432.58594	505320.5	5409435.0
L5320.0	505320.5	5409436.3	13345.00000	333.33	52.02	48.837879	-86.927494	56237.76	56250.7	-0.66	56237.10	56230.67578	56427.48845	56428.21094	505320.5	5409436.3
L5320.0	505320.5	5409438.0	13345.09961	332.74	49.46	48.837894	-86.927494	56237.74	56250.7	-0.66	56237.07	56230.82031	56423.87801	56424.81250	505320.5	5409438.0
L5320.0	505320.5	5409439.1	13345.20020	333.78	49.46	48.837904	-86.927494	56237.54	56250.7	-0.67	56236.87	56230.80469	56417.70392	56418.85938	505320.5	5409439.1
L5320.0	505320.4	5409440.9	13345.29981	332.65	47.23	48.837920	-86.927494	56237.34	56250.7	-0.67	56236.67	56230.79297	56412.66321	56414.04297	505320.4	5409440.9
L5320.0	505320.4	5409440.9	13345.40039	332.52	47.23	48.837920	-86.927494	56237.04	56250.7	-0.67	56236.37	56230.68359	56406.53259	56408.14453	505320.4	5409440.9
L5320.0	505320.4	5409442.3	13345.50000	332.28	47.62	48.837933	-86.927494	56236.64	56250.7	-0.68	56235.97	56230.48047	56399.27861	56401.12500	505320.4	5409442.3
L5320.0	505320.4	5409444.0	13345.59961	333.28	48.76	48.837948	-86.927494	56236.24	56250.7	-0.68	56235.56	56230.27344	56392.84567	56394.92969	505320.4	5409444.0
L5320.0	505320.4	5409445.1	13345.70020	333.36	48.76	48.837957	-86.927494	56235.72	56250.7	-0.68	56235.04	56229.95703	56385.00928	56387.33594	505320.4	5409445.1
L5320.0	505320.4	5409446.5	13345.79981	335.52	48.23	48.837970	-86.927495	56235.25	56250.7	-0.68	56234.56	56229.68750	56379.03407	56381.60938	505320.4	5409446.5
L5320.0	505320.4	5409446.5	13345.90039	334.08	46.92	48.837970	-86.927495	56234.57	56250.7	-0.69	56233.89	56229.23438	56369.84712	56372.67188	505320.4	5409446.5
L5320.0	505320.4	5409448.3	13346.00000	333.06	46.92	48.837986	-86.927495	56234.02	56250.7	-0.69	56233.33	56228.89063	56364.00729	56367.08594	505320.4	5409448.3
L5320.0	505320.4	5409449.6	13346.09961	333.74	45.88	48.837999	-86.927495	56233.34	56250.7	-0.69	56232.66	56228.44141	56356.66506	56360.00000	505320.4	5409449.6
L5320.0	505320.4	5409451.1	13346.20020	333.81	45.88	48.838011	-86.927495	56232.64	56250.7	-0.69	56231.96	56227.96875	56349.55049	56353.14453	505320.4	5409451.1
L5320.0	505320.4	5409451.1	13346.29981	334.21	45.36	48.838011	-86.927495	56231.92	56250.7	-0.68	56231.23	56227.46484	56342.63774	56346.49219	505320.4	5409451.1
L5320.0	505320.4	5409452.7	13346.40039	334.25	45.56	48.838026	-86.927495	56231.18	56250.7	-0.68	56230.50	56226.96875	56336.55717	56340.67578	505320.4	5409452.7
L5320.0	505320.4	5409453.8	13346.50000	334.94	45.56	48.838036	-86.927495	56230.36	56250.7	-0.68	56229.68	56226.38281	56329.31445	56333.69922	505320.4	5409453.8
L5320.0	505320.4	5409455.4	13346.50000	334.94	43.95	48.838051	-86.927495	56229.53	56250.7	-0.68	56228.85	56225.79297	56322.63370	56327.28125	505320.4	5409455.4
L5320.0	505320.4	5409456.8	13346.70020	334.63	43.95	48.838063	-86.927495	56228.58	56250.7	-0.68	56227.90	56225.08203	56314.08982	56319.00781	505320.4	5409456.8
L5320.0	505320.4	5409456.8	13346.79981	334.70	38.78	48.838063	-86.927495	56227.66	56250.7	-0.67	56226.98	56224.40625	56306.93151	56312.11719	505320.4	5409456.8
L5320.0	505320.4	5409458.2	13346.90039	333.43	42.94	48.838075	-86.927495	56226.68	56250.7	-0.67	56226.00	56223.67188	56299.16951	56304.62500	505320.4	5409458.2
L5320.0	505320.4	5409459.6	13347.00000	332.63	42.94	48.838088	-86.927495	56225.72	56250.7	-0.67	56225.05	56222.96875	56292.73671	56298.46094	505320.4	5409459.6
L5320.0	505320.4	5409459.6	13347.09961	332.55	43.69	48.838088	-86.927495	56224.77	56250.7	-0.67	56224.10	56222.26953	56286.95225	56292.94531	505320.4	5409459.6
L5320.0	505320.4	5409461.0	13347.20020	331.97	47.71	48.838101	-86.927495	56223.75	56250.7	-0.67	56223.09	56221.51172	56280.48740	56286.75000	505320.4	5409461.0
L5320.0	505320.4	5409462.7	13347.29981	330.06	46.77	48.838116	-86.927494	56222.81	56250.7	-0.67	56222.15	56220.82813	56276.13629	56282.66797	505320.4	5409462.7
L5320.0	505320.4	5409464.0	13347.40039	330.68	46.77	48.838128	-86.927494	56221.79	56250.7	-0.67	56221.13	56220.06250	56270.62056	56277.42188	505320.4	5409464.0
L5320.0	505320.4	5409465.0	13347.50000	330.94	45.32	48.838136	-86.927494	56220.77	56250.7	-0.67	56220.10	56219.28906	56265.43002	56272.50000	505320.4	5409465.0
L5320.0	505320.4	5409466.1	13347.59961	332.52	43.99	48.838147	-86.927494	56219.70	56250.7	-0.66	56219.03	56218.48047	56259.88959	56267.22656	505320.4	5409466.1
L5320.0	505320.4	5409467.7	13347.70020	334.14	43.99	48.838161	-86.927494	56218.63	56250.7	-0.66	56217.97	56217.67969	56255.05318	56262.65625	505320.4	5409467.7
L5320.0	505320.4	5409467.7	13347.79981	334.82	37.73	48.838161	-86.927494	56217.63	56250.7	-0.66	56216.97	56216.94141	56251.97160	56259.83984	505320.4	5409467.7
L5320.0	505320.4	5409469.3	13347.90039	334.52	38.53	48.838175	-86.927494	56216.62	56250.7	-0.66	56215.96	56216.19531	56249.10820	56257.24219	505320.4	5409469.3
L5320.0	505320.4	5409470.6	13348.00000	334.86	38.53	48.838187	-86.927494	56215.51	56250.7	-0.66	56214.85	56215.34766	56244.50200	56252.89844	505320.4	5409470.6
L5320.0	505320.4	5409471.6	13348.09961	332.19	46.46	48.838196	-86.927494	56214.46	56250.7	-0.66	56213.80	56214.56250	56241.57206	56250.23047	505320.4	5409471.6
L5320.0	505320.4	5409472.7	13348.20020	331.51	46.46	48.838206	-86.927494	56213.32	56250.7	-0.66	56212.67	56213.69531	56237.28453	56246.20313	505320.4	5409472.7
L5320.0	505320.4	5409473.9	13348.29981	333.46	44.87	48.838216	-86.927494	56212.12	56250.7	-0.66	56211.46	56212.75000	56231.62002	56240.79297	505320.4	5409473.9
L5320.0	505320.4	5409475.5	13348.40039	332.48	46.4	48.838231	-86.927494	56211.13	56250.7	-0.66	56210.47	56212.02734	56230.98673	56240.41797	505320.4	5409475.5
L5320.0	505320.4	5409475.5	13348.50000	333.14	46.4	48.838231	-86.927494	56210.02	56250.7	-0.65	56209.36	56211.18359	56228.07150	56237.75391	505320.4	5409475.5
L5320.0	505320.4	5409476.9	13348.50000	333.14	45.35	48.838244	-86.927494	56208.98	56250.7	-0.65	56208.32	56210.40625	56226.92186	56236.85547	505320.4	5409476.9

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5320.0	505320.4	5409478.3	13348.70020	335.59	45.97	48.838257	-86.927494	56207.93	56250.7	-0.65	56207.28	56209.63281	56226.01658	56236.19922	505320.4	5409478.3
L5320.0	505320.5	5409479.6	13348.79981	336.09	45.97	48.838268	-86.927494	56206.96	56250.7	-0.65	56206.31	56208.92969	56226.82725	56237.25781	505320.5	5409479.6
L5320.0	505320.5	5409481.0	13348.90039	332.30	46.6	48.838281	-86.927493	56205.79	56250.7	-0.65	56205.13	56208.01172	56223.36597	56234.04297	505320.5	5409481.0
L5320.0	505320.5	5409481.9	13349.00000	331.38	47.08	48.838289	-86.927493	56204.82	56250.7	-0.65	56204.17	56207.31641	56224.77507	56235.69141	505320.5	5409481.9
L5320.0	505320.5	5409483.3	13349.09961	329.21	47.08	48.838301	-86.927493	56203.74	56250.7	-0.65	56203.09	56206.50000	56223.79766	56234.95313	505320.5	5409483.3
L5320.0	505320.5	5409484.7	13349.20020	329.88	49.27	48.838314	-86.927493	56202.60	56250.7	-0.66	56201.94	56205.61328	56221.48649	56232.87891	505320.5	5409484.7
L5320.0	505320.5	5409484.7	13349.29981	332.14	47.77	48.838314	-86.927493	56201.48	56250.7	-0.66	56200.82	56204.75781	56219.94845	56231.57422	505320.5	5409484.7
L5320.0	505320.5	5409486.0	13349.40039	333.22	49.48	48.838326	-86.927493	56200.43	56250.7	-0.67	56199.76	56203.95703	56219.80011	56231.65625	505320.5	5409486.0
L5320.0	505320.5	5409487.2	13349.50000	329.96	49.48	48.838336	-86.927493	56199.18	56250.7	-0.67	56198.51	56202.96875	56215.73487	56227.81641	505320.5	5409487.2
L5320.0	505320.5	5409488.8	13349.59961	331.34	46.76	48.838350	-86.927493	56198.11	56250.7	-0.67	56197.43	56202.14844	56215.35589	56227.66406	505320.5	5409488.8
L5320.0	505320.5	5409488.8	13349.70020	331.41	49.46	48.838350	-86.927493	56196.93	56250.7	-0.68	56196.26	56201.23438	56213.14921	56225.67578	505320.5	5409488.8
L5320.0	505320.5	5409490.4	13349.79981	331.95	49.46	48.838365	-86.927492	56195.90	56250.7	-0.68	56195.22	56200.44922	56213.75142	56226.49609	505320.5	5409490.4
L5320.0	505320.5	5409491.3	13349.90039	331.54	47.1	48.838373	-86.927492	56194.76	56250.7	-0.69	56194.08	56199.56641	56212.28907	56225.25000	505320.5	5409491.3
L5320.0	505320.5	5409492.9	13350.00000	331.12	46.53	48.838388	-86.927492	56193.75	56250.7	-0.69	56193.06	56198.79688	56213.40069	56226.57422	505320.5	5409492.9
L5320.0	505320.6	5409494.3	13350.09961	332.45	46.53	48.838400	-86.927492	56192.61	56250.7	-0.69	56191.92	56197.91016	56212.00099	56225.38281	505320.6	5409494.3
L5320.0	505320.6	5409495.7	13350.20020	332.78	48.67	48.838412	-86.927492	56191.55	56250.7	-0.69	56190.86	56197.09766	56212.30983	56225.89844	505320.6	5409495.7
L5320.0	505320.6	5409497.1	13350.29981	332.76	48.67	48.838425	-86.927492	56190.37	56250.7	-0.68	56189.68	56196.16797	56210.08160	56223.87109	505320.6	5409497.1
L5320.0	505320.6	5409497.1	13350.40039	332.52	48.32	48.838425	-86.927492	56189.25	56250.7	-0.68	56188.56	56195.29297	56209.11948	56223.10938	505320.6	5409497.1
L5320.0	505320.6	5409498.7	13350.50000	331.36	49.43	48.838440	-86.927491	56188.06	56250.7	-0.68	56187.38	56194.35547	56206.86632	56221.05078	505320.6	5409498.7
L5320.0	505320.6	5409500.3	13350.50000	331.36	49.43	48.838455	-86.927491	56186.98	56250.7	-0.68	56186.30	56193.51563	56206.71613	56221.09375	505320.6	5409500.3
L5320.0	505320.6	5409501.7	13350.70020	331.36	47.66	48.838467	-86.927491	56185.78	56250.7	-0.68	56185.10	56192.55469	56203.97452	56218.53906	505320.6	5409501.7
L5320.0	505320.6	5409501.7	13350.79981	331.90	47.66	48.838467	-86.927491	56184.70	56250.7	-0.67	56184.03	56191.72266	56203.96807	56218.71875	505320.6	5409501.7
L5320.0	505320.6	5409503.3	13350.90039	333.72	47.86	48.838481	-86.927491	56183.57	56250.7	-0.67	56182.90	56190.82813	56202.63331	56217.56641	505320.6	5409503.3
L5320.0	505320.6	5409504.4	13351.00000	334.67	45.53	48.838491	-86.927491	56182.53	56250.7	-0.67	56181.86	56190.01953	56203.17820	56218.29297	505320.6	5409504.4
L5320.0	505320.6	5409505.8	13351.09961	334.37	45.69	48.838504	-86.927491	56181.30	56250.7	-0.67	56180.63	56189.01953	56199.58317	56214.87109	505320.6	5409505.8
L5320.0	505320.7	5409507.2	13351.20020	333.86	45.69	48.838516	-86.927490	56180.27	56250.7	-0.67	56179.59	56188.20313	56200.01257	56215.47266	505320.7	5409507.2
L5320.0	505320.7	5409507.2	13351.29981	332.80	48.98	48.838516	-86.927490	56179.05	56250.7	-0.68	56178.37	56187.20703	56196.49447	56212.12500	505320.7	5409507.2
L5320.0	505320.7	5409508.5	13351.40039	333.15	48.98	48.838528	-86.927490	56177.94	56250.7	-0.68	56177.26	56186.32031	56195.27860	56211.07422	505320.7	5409508.5
L5320.0	505320.7	5409510.1	13351.50000	333.68	48.98	48.838543	-86.927490	56176.70	56250.7	-0.68	56176.02	56185.29688	56191.17758	56207.13672	505320.7	5409510.1
L5320.0	505320.7	5409511.6	13351.59961	333.20	48.04	48.838556	-86.927490	56175.57	56250.7	-0.68	56174.88	56184.37109	56189.16586	56205.28516	505320.7	5409511.6
L5320.0	505320.7	5409513.1	13351.70020	332.46	48.04	48.838570	-86.927490	56174.35	56250.7	-0.68	56173.66	56183.36328	56185.34635	56201.62109	505320.7	5409513.1
L5320.0	505320.7	5409513.1	13351.79981	334.25	48.92	48.838570	-86.927490	56173.23	56250.7	-0.69	56172.54	56182.45313	56183.62325	56200.05078	505320.7	5409513.1
L5320.0	505320.7	5409514.8	13351.90039	333.22	48.56	48.838584	-86.927490	56172.07	56250.7	-0.69	56171.39	56181.50781	56181.17993	56197.75781	505320.7	5409514.8
L5320.0	505320.7	5409514.8	13352.00000	334.61	48.56	48.838584	-86.927490	56170.90	56250.7	-0.69	56170.21	56180.53125	56178.01859	56194.74219	505320.7	5409514.8
L5320.0	505320.7	5409516.1	13352.09961	333.44	48.82	48.838597	-86.927490	56169.70	56250.7	-0.69	56169.01	56179.53125	56174.36004	56191.23047	505320.7	5409516.1
L5320.0	505320.7	5409517.5	13352.20020	334.71	48.82	48.838609	-86.927490	56168.66	56250.7	-0.69	56167.97	56178.68750	56174.11523	56191.12500	505320.7	5409517.5
L5320.0	505320.7	5409519.2	13352.29981	335.28	48.95	48.838624	-86.927489	56167.39	56250.7	-0.69	56166.70	56177.60938	56168.82416	56185.96875	505320.7	5409519.2
L5320.0	505320.7	5409519.2	13352.40039	334.56	48.95	48.838624	-86.927489	56166.20	56250.7	-0.69	56165.52	56176.61719	56165.43754	56182.71875	505320.7	5409519.2
L5320.0	505320.7	5409520.8	13352.50000	332.88	47.69	48.838638	-86.927489	56164.94	56250.7	-0.68	56164.26	56175.54297	56160.27491	56177.68750	505320.7	5409520.8
L5320.0	505320.7	5409522.1	13352.50000	332.88	47.92	48.838651	-86.927489	56163.92	56250.7	-0.68	56163.23	56174.69531	56160.05699	56177.59766	505320.7	5409522.1
L5320.0	505320.8	5409523.5	13352.70020	332.19	47.92	48.838663	-86.927489	56162.76	56250.7	-0.68	56162.08	56173.72656	56157.20788	56174.87109	505320.8	5409523.5
L5320.0	505320.8	5409525.1	13352.79981	332.37	49.59	48.838678	-86.927488	56161.61	56250.7	-0.68	56160.92	56172.74219	56154.11787	56171.90234	505320.8	5409525.1
L5320.0	505320.8	5409526.3	13352.90039	332.74	49.61	48.838688	-86.927488	56160.40	56250.7	-0.68	56159.72	56171.71094	56150.14744	56168.05469	505320.8	5409526.3
L5320.0	505320.8	5409526.3	13353.00000	332.54	49.61	48.838688	-86.927488	56159.28	56250.7	-0.68	56158.60	56170.76172	56147.89142	56165.91406	505320.8	5409526.3
L5320.0	505320.8	5409527.4	13353.09961	331.76	47.33	48.838698	-86.927488	56158.10	56250.7	-0.68	56157.42	56169.74609	56144.33862	56162.47266	505320.8	5409527.4
L5320.0	505320.8	5409529.0	13353.20020	333.56	47.33	48.838713	-86.927488	56156.95	56250.7	-0.68	56156.27	56168.75391	56141.43429	56159.67969	505320.8	5409529.0
L5320.0	505320.8	5409530.5	13353.29981	334.80	48.78	48.838726	-86.927488	56155.80	56250.7	-0.69	56155.11	56167.75391	56138.32448	56156.67578	505320.8	5409530.5
L5320.0	505320.8	5409531.5	13353.40039	333.84	48.78	48.838735	-86.927488	56154.64	56250.7	-0.69	56153.96	56166.75781	56135.44535	56153.89844	505320.8	5409531.5
L5320.0	505320.8	5409533.0	13353.50000	333.74	51.13	48.838748	-86.927488	56153.56	56250.7	-0.69	56152.86	56165.80469	56133.65850	56152.21484	505320.8	5409533.0
L5320.0	505320.8	5409533.0	13353.59961	332.14	47.18	48.838748	-86.927488	56152.29	56250.7	-0.69	56151.60	56164.69141	56128.47938	56147.13281	505320.8	5409533.0
L5320.0	505320.8	5409535.5	13353.70020	331.43	47.18	48.838771	-86.927488	56151.25	56250.7	-0.69	56150.56	56163.79297	56128.03685	56146.78516	505320.8	5409535.5
L5320.0	505320.8	5409535.5	13353.79981	332.70	46.75	48.838771	-86.927488	56150.17	56250.7	-0.70	56149.48	56162.85156	56126.77808	56145.61719	505320.8	5409535.5
L5320.0	505320.8	5409536.9	13353.90039	333.62	46.75	48.838783	-86.927488	56149.02	56250.7	-0.70	56148.32	56161.82422	56123.85971	56142.78906	505320.8	5409536.9
L5320.0	505320.8	5409538.2	13354.00000	333.37	50.47	48.838796	-86.927488	56147.92	56250.7	-0.70	56147.22	56160.85547	56122.27303	56141.28906	505320.8	5409538.2
L5320.0	505320.8	5409538.2	13354.09961	332.83	50.3	48.838796	-86.927488	56146.87	56250.7	-0.70	56146.17	56159.93359	56121.80935	56140.91016	505320.8	5409538.2
L5320.0	505320.8	5409539.9	13354.20020	331.04	38.56	48.838810	-86.927488	56145.74	56250.7	-0.69	56145.04	56158.92578	56119.70822	56138.88672	505320.8	5409539.9
L5320.0	505320.8	5409541.5	13354.29981	330.60	38.56	48.838825	-86.927487	56144.58	56250.7	-0.69	56143.89	56157.89453	56117.25429	56136.51172	505320.8	5409541.5
L5320.0	505320.8	5409542.8	13354.40039	331.08	45.37	48.838837	-86.927487	56143.53	56250.7	-0.69	56142.84	56156.96094	56117.00757	56136.33984	505320.8	5409542.8
L5320.0	505320.8	5409543.8	13354.50000	331.78	45.37	48.838846	-86.927487	56142.38	56250.7	-0.68	56141.70	56155.92969	56114.93082	56134.33203	505320.8	5409543.8
L5320.0	505320.9	5409544.9	13354.50000	331.78	49.97	48.838856	-86.927487	56141.20	56250.7	-0.68	56140.52	56154.85547	56112.09338	56131.56250	505320.9	5409544.9
L5320.0	505320.9	5409545.9	13354.59961	332.10	47.46	48.838864	-86.927487	56140.02	56250.7	-0.68	56139.34	56153.78125	56109.35188	56128.88672	505320.9	5409545.9
L5320.0	505320.9	5409547.5	13354.79981	330.05	47.46	48.838879	-86.927487	56138.99	56250.7	-0.68	56138.31	56152.84766	56109.90720	56129.50391	505320.9	5409547.5
L5320.0	505320.9	5409548.3	13354.90039	330.48	43.52	48.838886	-86.927487	56137.86	56250.7	-0.67	56137.19	56151.82422	56108.65258	56128.30859	505320.9	5409548.3
L5320.0	505320.9	5409549.8	13355.00000	331.66	43.52	48.838899	-86.927487	56136.72	56250.7	-0.67	56136.05	56150.77734	56107.08210	56126.79297	505320.9	5409549.8
L5320.0	505320.9	5409550.9	13355.09961	331.91	46.8	48.838909	-86.927487	56135.56	56250.7	-0.67	56134.90	56149.71484	56105.41054	56125.17188	505320.9	5409550.9
L5320.0	505320.9	5409552.3	13355.20020	332.26	46.8	48.838922	-86.927487	56134.58	56250.7	-0.67	56133.92	56148.81641	56107.48125	56127.29297	505320.9	5409552.3
L5320.0	505320.9	5409553.5	13355.29981	333.30	48.18	48.838933	-86.927486	56133.44	56250.7	-0.66	56132.78	56147.75781	56106.25630	56126.11328	505320.9	5409553.5
L5320.0	505320.9	5409553.5	13355.40039	332.99	50.55	48.838933	-86.927486	56132.34	56250.7	-0.66	56131.67	56146.72266	56105.78899	56125.68750	505320.9	5409553.5
L5320.0	505320.9	5409555.0	13355.50000	333.99	50.55	48.838947	-86.927486	56131.22	56250.7	-0.66	56130.56	56145.68359	56105.43848	56125.37500	505320.9	5409555.0
L5320.0	505320.9	5409556.7	13355.59961	332.93	49.52	48.838961	-86.927486	56130.04	56250.7	-0.66	56129.38	56144.57031	56103.70803	56123.67969	505320.9	5409556.7
L5320.0	505320.9	5409557.8	13355.70020	332.84	49.65	48.838972	-86.927486	56128.96	56250.7	-0.66	56128.30	56143.55469	56104.22541	56124.22656	505320.9	5409557.8
L5320.0	505320.9	5409557.8	13355.79981	333.10	49.65	48.838972	-86.927486	56127.81	56250.7	-0.65	56127.16	56142.47656	56103.56893	56123.59766	505320.9	5409557.8
L5320.0	505321.0	5409559.4	13355.90039	332.90	49.65	48.838986	-86.927486	56126.74	56250.7	-0.65	56126.09	56141.46094	56104.51021	56124.55859	505321.0	5409559.4
L5320.0	505321.0	5409561.1	13356.00000	332.57	45.97	48.839001	-86.927485	56125.61	56250.7	-0.65	56124.96	56140.38281	56104.26511	56124.33203	505321.0	5409561.1
L5320.0	505321.0	5409562.4	13356.09961	332.00	48.49	48.839013	-86.927485	56124.50	56250.7	-0.65	56123.84	56139.31250	56104.32212	56124.40234	505321.0	5409562.4
L5320.0	505321.0	5409563.6	13356.20020	331.58	48.49	48.839024	-86.927485	56123.31	56250.7	-0.66	56122.65	56138.16406	56102.96172	56123.05469	505321.0	5409563.6
L5320.0	505321.0	5409563.6	13356.29981	334.51	49.15	48.839024	-86.927485	56122.21	56250.7	-0.66	56121.56	56137.11719	56103.81070	56123.90625	505321.0	5409563.6
L5320.0	505321.0	5409565.0	13356.40039	331.72	49.15	48.839036	-86.927485	56121.00	56250.7	-0.66	56120.34	56135.93359	56101.93608	56122.03125	505321.0	5409565.0
L5320.0	505321.0	5409566.8	13356.50000	332.45	49.47	48.839053	-86.927485	56119.98	56250.7	-0.67	56119.32	56134.94531	56104.39515	56124.48828	505321.0	5409566.8
L5320.0	505321.0	5409566.8	13356.50000	332.45	49.47	48.839053	-86.927485	56118.74	56250.7	-0.67	56118.08	56133.73438	56102.17192	56122.25391	505321.0	5409566.8
L5320.0	505321.0	5409568.2	13356.70020	335.28	41.59	48.839065	-86.927485	56117.69	56250.7	-0.67	56117.02	56132.69922	56103.83492	56123.90234	505321.0	5409568.2
L5320.0	505321.0	5409569.5	13356.79981	332.43	47.83	48.839077	-86.927485	56116.47	56250.7	-0.67	56115.79	56131.49219	56101.84753	56121.89453	505321.0	5409569.5
L5320.0	505321.0	5409570.7	13356.90039	331.99	50.06	48.839087	-86.927485	56115.36	56250.7	-0.68	56114.69	56130.41016	56102.64872	56122.66797	505321.0	5409570.7
L5320.0	505321.0	5409570.7	13357.00000	331.58	50.06	48.839087	-86.927485	56114.09	56250.7	-0.68	56113.41	56129.14453	56099.52965	56119.51953	505321.0	5409570.7
L5320.0	505321.0	5409572.5	13357.09961	330.78	49.01	48.839104	-86.927485	56112.95	56250.7	-0.68	56112.28	56128.02344	56099.60206	56119.55469	505321.0	5409572.5
L5320.0	505321.0	5409574.1	13357.20020	330.71	49.01	48.839118	-86.927485	56111.72	56250.7	-0.68	56111.04	56126.78906	56097.21204	56117.12109	505321.0	5409574.1
L5320.0	505321.0	5409575.7	13357.29981	332.22	41.21	48.839132	-86.927485	56110.56	56250.7	-0.67	56109.89	56125.64063	56096.68317	56116.53906	505321.0	5409575.7
L5320.0	505321.0	5409575.7	13357.40039	332.95	41.72	48.839132	-86.927485	56109.36	56250.7	-0.67	56108.69	56124.44141	56094.94253	56114.74219	505321.0	5409575.7
L5320.0	505321.0	5409578.5	13357.50000	333.61	41.72	48.839157	-86.927485	56108.10	56250.7	-0.67	56107.43	56123.17578	56091.73345	56111.47266	505321.0	5409578.5
L5320.0	505321.0	5409578.5	13357.59961	333.67	41.72	48.839157	-86.927485	56106.91	56250.7	-0.67	56106.25	56121.98828	56090.10501	56109.77344	505321.0	5409578.5
L5320.0	505321.0	5409579.6	13357.70020	334.68	50.32	48.839167	-86.927485	56105.70	56250.7	-0.67	56105.03	56120.75781	56087.38998	56106.98047	505321.0	5409579.6
L5320.0	505321.0	5409580.9	13357.79981	333.28	49.87	48.839180	-86.927485	56104.52	56250.7	-0.66	56103.85	56119.56250	56085.32774	56104.83203	505321.0	5409580.9
L5320.0	505321.0	5409580.9	13357.90039	335.02	49.87	48.839180	-86.927485	56103.32	56250.7	-0.66	56102.65	56118.34375	56082.56105	56101.97266	505321.0	5409580.9

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5320.0	505321.0	5409582.7	13358.00000	335.08	49.22	48.839196	-86.927485	56102.09	56250.7	-0.66	56101.43	56117.10156	56079.05771	56098.37109	505321.0	5409582.7
L5320.0	505321.0	5409584.2	13358.09961	335.93	49.22	48.839209	-86.927485	56100.96	56250.7	-0.66	56100.30	56115.94531	56077.24123	56096.44531	505321.0	5409584.2
L5320.0	505320.9	5409585.5	13358.20020	335.40	49.22	48.839221	-86.927486	56099.65	56250.7	-0.66	56098.99	56114.60547	56071.05786	56090.14844	505320.9	5409585.5
L5320.0	505320.9	5409587.1	13358.29981	335.75	49.82	48.839235	-86.927486	56098.59	56250.7	-0.67	56097.93	56113.51172	56070.06994	56089.03516	505320.9	5409587.1
L5320.0	505320.9	5409587.1	13358.40039	334.31	46.64	48.839235	-86.927486	56097.27	56250.7	-0.67	56096.60	56112.14453	56062.64843	56081.48047	505320.9	5409587.1
L5320.0	505320.9	5409588.7	13358.50000	332.78	46.64	48.839249	-86.927486	56096.16	56250.7	-0.67	56095.49	56110.99609	56059.68624	56078.37891	505320.9	5409588.7
L5320.0	505320.9	5409590.3	13358.50000	332.78	47.8	48.839264	-86.927486	56094.85	56250.7	-0.67	56094.18	56109.64063	56051.80584	56070.34766	505320.9	5409590.3
L5320.0	505320.9	5409590.3	13358.70020	334.64	46.4	48.839264	-86.927486	56093.76	56250.7	-0.67	56093.08	56108.49609	56048.07894	56066.46094	505320.9	5409590.3
L5320.0	505320.9	5409591.6	13358.79981	335.90	46.4	48.839276	-86.927486	56092.42	56250.7	-0.68	56091.74	56107.10547	56038.51378	56056.72656	505320.9	5409591.6
L5320.0	505320.9	5409593.2	13358.90039	335.83	46.4	48.839290	-86.927486	56091.33	56250.7	-0.68	56090.65	56105.96094	56033.89311	56051.92969	505320.9	5409593.2
L5320.0	505320.9	5409594.6	13359.00000	333.93	48.9	48.839302	-86.927486	56090.09	56250.7	-0.68	56089.41	56104.66406	56025.36967	56043.21875	505320.9	5409594.6
L5320.0	505320.9	5409594.6	13359.09961	333.18	50.5	48.839302	-86.927486	56088.97	56250.7	-0.68	56088.29	56103.48438	56018.82442	56036.47656	505320.9	5409594.6
L5320.0	505320.9	5409595.9	13359.20020	332.52	50.5	48.839315	-86.927485	56087.82	56250.7	-0.67	56087.15	56102.28125	56011.14789	56028.59375	505320.9	5409595.9
L5320.0	505320.9	5409597.5	13359.29981	333.06	48.92	48.839329	-86.927485	56086.77	56250.7	-0.67	56086.10	56101.16797	56004.68144	56021.91016	505320.9	5409597.5
L5320.0	505321.0	5409599.1	13359.40039	332.47	49.12	48.839343	-86.927485	56085.69	56250.7	-0.67	56085.02	56100.01563	55996.77604	56013.77734	505321.0	5409599.1
L5320.0	505321.0	5409600.2	13359.50000	331.08	49.12	48.839353	-86.927485	56084.61	56250.7	-0.67	56083.94	56098.86328	55988.03806	56004.80469	505321.0	5409600.2
L5320.0	505321.0	5409600.2	13359.59961	329.36	50.23	48.839353	-86.927485	56083.59	56250.7	-0.66	56082.93	56097.78125	55979.92029	55996.43750	505321.0	5409600.2
L5320.0	505321.0	5409601.6	13359.70020	329.28	50.23	48.839365	-86.927485	56082.65	56250.7	-0.66	56081.99	56096.76172	55972.36857	55988.62500	505321.0	5409601.6
L5320.0	505321.0	5409603.0	13359.79981	328.74	49.24	48.839378	-86.927485	56081.70	56250.7	-0.66	56081.04	56095.73047	55963.62977	55979.61719	505321.0	5409603.0
L5320.0	505321.0	5409603.0	13359.90039	328.20	49.24	48.839378	-86.927485	56080.76	56250.7	-0.65	56080.11	56094.71484	55954.30114	55970.00781	505321.0	5409603.0
L5320.0	505321.0	5409604.6	13360.00000	327.91	49.75	48.839392	-86.927484	56079.90	56250.7	-0.65	56079.25	56093.76953	55945.39643	55960.81250	505321.0	5409604.6
L5320.0	505321.0	5409606.1	13360.09961	329.34	49.81	48.839406	-86.927484	56079.11	56250.7	-0.65	56078.46	56092.88672	55936.86699	55951.98047	505321.0	5409606.1
L5320.0	505321.0	5409607.2	13360.20020	331.58	49.81	48.839416	-86.927484	56078.28	56250.7	-0.66	56077.62	56091.95703	55926.12951	55940.92578	505321.0	5409607.2
L5320.0	505321.0	5409608.7	13360.29981	333.64	47.1	48.839429	-86.927484	56077.62	56250.7	-0.66	56076.95	56091.19141	55917.79352	55932.26563	505321.0	5409608.7
L5320.0	505321.0	5409608.7	13360.40039	335.07	47.1	48.839429	-86.927484	56076.89	56250.7	-0.67	56076.23	56090.37109	55907.17800	55921.31250	505321.0	5409608.7
L5320.0	505321.0	5409610.0	13360.50000	334.81	50.37	48.839441	-86.927484	56076.43	56250.7	-0.67	56075.76	56089.80078	55900.57565	55914.35938	505321.0	5409610.0
L5320.0	505321.0	5409611.1	13360.50000	334.81	47.79	48.839451	-86.927484	56075.85	56250.7	-0.67	56075.18	56089.11719	55890.36403	55903.78516	505321.0	5409611.1
L5320.0	505321.1	5409612.4	13360.70020	333.89	47.79	48.839462	-86.927484	56075.47	56250.7	-0.68	56074.79	56088.62109	55882.83682	55895.88281	505321.1	5409612.4
L5320.0	505321.1	5409613.6	13360.79981	332.30	47.8	48.839474	-86.927483	56075.02	56250.7	-0.68	56074.34	56088.05859	55872.70256	55885.36328	505321.1	5409613.6
L5320.0	505321.1	5409613.6	13360.90039	331.36	49.11	48.839474	-86.927483	56074.88	56250.7	-0.69	56074.20	56087.80859	55867.72762	55879.98828	505321.1	5409613.6
L5320.0	505321.1	5409616.2	13361.00000	331.69	49.11	48.839497	-86.927483	56074.69	56250.7	-0.69	56074.00	56087.49609	55860.10089	55871.94922	505321.1	5409616.2
L5320.0	505321.1	5409616.2	13361.09961	331.61	49.47	48.839497	-86.927483	56074.58	56250.7	-0.69	56073.90	56087.27734	55853.16977	55864.59375	505321.1	5409616.2
L5320.0	505321.1	5409617.7	13361.20020	334.18	49.47	48.839511	-86.927483	56074.58	56250.7	-0.68	56073.90	56087.15625	55846.89082	55857.87891	505321.1	5409617.7
L5320.0	505321.1	5409618.8	13361.29981	335.07	49.13	48.839520	-86.927483	56074.71	56250.7	-0.68	56074.04	56087.17578	55842.07357	55852.61328	505321.1	5409618.8
L5320.0	505321.1	5409618.8	13361.40039	332.42	50.08	48.839520	-86.927483	56074.94	56250.7	-0.67	56074.27	56087.28125	55837.63693	55847.71484	505321.1	5409618.8
L5320.0	505321.1	5409620.7	13361.50000	331.16	50.08	48.839537	-86.927483	56075.22	56250.7	-0.67	56074.55	56087.43750	55832.70210	55842.30078	505321.1	5409620.7
L5320.0	505321.1	5409621.7	13361.59961	330.59	48.97	48.839546	-86.927483	56075.72	56250.7	-0.66	56075.06	56087.81641	55831.01479	55840.12500	505321.1	5409621.7
L5320.0	505321.1	5409623.1	13361.70020	330.29	48.97	48.839559	-86.927483	56076.20	56250.7	-0.65	56075.54	56088.16797	55827.07926	55835.68750	505321.1	5409623.1
L5320.0	505321.1	5409623.1	13361.79981	330.28	48.21	48.839559	-86.927483	56076.91	56250.7	-0.65	56076.26	56088.75391	55826.55585	55834.64844	505321.1	5409623.1
L5320.0	505321.1	5409624.3	13361.90039	330.97	47.41	48.839570	-86.927483	56077.57	56250.6	-0.64	56076.93	56089.28906	55823.32006	55830.88281	505321.1	5409624.3
L5320.0	505321.1	5409625.6	13362.00000	330.17	47.41	48.839581	-86.927482	56078.54	56250.6	-0.64	56077.90	56090.12109	55824.71314	55831.73438	505321.1	5409625.6
L5320.0	505321.1	5409625.6	13362.09961	332.38	46.4	48.839581	-86.927482	56079.41	56250.6	-0.64	56078.77	56090.85156	55822.30033	55828.76563	505321.1	5409625.6
L5320.0	505321.1	5409627.1	13362.20020	333.82	46.91	48.839595	-86.927482	56080.61	56250.6	-0.65	56079.96	56091.90234	55824.92491	55830.82031	505321.1	5409627.1
L5320.0	505321.1	5409628.3	13362.29981	330.97	46.91	48.839606	-86.927482	56081.69	56250.6	-0.65	56081.04	56092.83984	55823.51891	55828.83203	505321.1	5409628.3
L5320.0	505321.1	5409629.3	13362.40039	330.73	47.74	48.839615	-86.927482	56083.06	56250.7	-0.65	56082.41	56094.06250	55826.54171	55831.25781	505321.1	5409629.3
L5320.0	505321.2	5409630.5	13362.50000	332.05	46.21	48.839625	-86.927482	56084.40	56250.7	-0.65	56083.75	56095.25781	55827.23395	55831.33984	505321.2	5409630.5
L5320.0	505321.2	5409631.8	13362.50000	332.05	46.21	48.839637	-86.927482	56085.96	56250.7	-0.65	56085.31	56096.66797	55830.92924	55834.41016	505321.2	5409631.8
L5320.0	505321.2	5409631.8	13362.70020	332.76	46.21	48.839637	-86.927482	56087.54	56250.7	-0.66	56086.87	56098.07813	55832.98060	55835.82422	505321.2	5409631.8
L5320.0	505321.2	5409632.9	13362.79981	332.96	46.87	48.839647	-86.927482	56089.34	56250.7	-0.66	56088.67	56099.72266	55838.55738	55840.75000	505321.2	5409632.9
L5320.0	505321.2	5409634.0	13362.90039	334.02	47.74	48.839657	-86.927482	56091.10	56250.7	-0.67	56090.43	56101.33203	55841.70169	55843.23047	505321.2	5409634.0
L5320.0	505321.2	5409635.1	13363.00000	335.72	47.74	48.839667	-86.927482	56093.07	56250.7	-0.67	56092.40	56103.14453	55847.81929	55848.66797	505321.2	5409635.1
L5320.0	505321.2	5409636.2	13363.09961	334.19	44.64	48.839677	-86.927482	56095.02	56250.7	-0.67	56094.35	56104.93750	55851.98909	55852.14063	505321.2	5409636.2
L5320.0	505321.2	5409636.2	13363.20020	332.68	46.99	48.839677	-86.927482	56097.20	56250.7	-0.67	56096.53	56106.95703	55859.62190	55859.06641	505321.2	5409636.2
L5320.0	505321.2	5409637.4	13363.29981	333.04	46.99	48.839688	-86.927481	56099.45	56250.7	-0.67	56098.78	56109.04688	55867.28316	55866.00781	505321.2	5409637.4
L5320.0	505321.2	5409638.5	13363.40039	335.96	46.78	48.839698	-86.927481	56101.77	56250.7	-0.67	56101.11	56111.21484	55875.20322	55873.19531	505321.2	5409638.5
L5320.0	505321.2	5409639.7	13363.50000	332.69	46.78	48.839708	-86.927481	56104.18	56250.7	-0.67	56103.52	56113.46094	55883.40135	55880.64453	505321.2	5409639.7
L5320.0	505321.2	5409639.7	13363.59961	331.96	46.72	48.839708	-86.927481	56106.69	56250.7	-0.66	56106.02	56115.79688	55892.12093	55888.59766	505321.2	5409639.7
L5320.0	505321.2	5409640.9	13363.70020	332.55	46.72	48.839719	-86.927481	56109.29	56250.7	-0.66	56108.63	56118.24219	55901.83241	55897.53516	505321.2	5409640.9
L5320.0	505321.2	5409642.1	13363.79981	334.89	47.95	48.839730	-86.927481	56111.91	56250.7	-0.66	56111.25	56120.69531	55910.37517	55905.28906	505321.2	5409642.1
L5320.0	505321.2	5409642.9	13363.90039	334.25	45.8	48.839737	-86.927481	56114.63	56250.7	-0.66	56113.97	56123.24609	55919.75539	55913.86328	505321.2	5409642.9
L5320.0	505321.2	5409642.9	13364.00000	331.98	44.67	48.839737	-86.927481	56117.48	56250.7	-0.66	56116.82	56125.92578	55930.67673	55923.96875	505321.2	5409642.9
L5320.0	505321.2	5409643.9	13364.09961	333.76	44.67	48.839746	-86.927481	56120.29	56250.7	-0.66	56119.63	56128.56250	55939.43653	55931.89453	505321.2	5409643.9
L5320.0	505321.3	5409644.9	13364.20020	333.63	45.12	48.839755	-86.927481	56123.28	56250.7	-0.66	56122.61	56131.37109	55950.77174	55942.38281	505321.3	5409644.9
L5320.0	505321.3	5409645.8	13364.29981	333.19	45.12	48.839763	-86.927480	56126.29	56250.7	-0.66	56125.62	56134.20703	55961.66264	55952.41797	505321.3	5409645.8
L5320.0	505321.3	5409646.9	13364.40039	332.43	44.29	48.839773	-86.927480	56129.40	56250.7	-0.66	56128.73	56137.14453	55973.74504	55963.62891	505321.3	5409646.9
L5320.0	505321.3	5409646.9	13364.50000	332.33	47.75	48.839773	-86.927480	56132.50	56250.7	-0.67	56131.84	56140.07813	55984.85976	55973.85547	505321.3	5409646.9
L5320.0	505321.3	5409647.9	13364.50000	332.33	47.75	48.839782	-86.927480	56135.73	56250.7	-0.67	56135.06	56143.12109	55997.52932	55985.62500	505321.3	5409647.9
L5320.0	505321.3	5409648.7	13364.59961	332.98	49.81	48.839790	-86.927480	56138.96	56250.7	-0.67	56138.29	56146.17578	56009.57524	55996.75781	505321.3	5409648.7
L5320.0	505321.3	5409649.6	13364.79981	332.91	49.81	48.839798	-86.927479	56142.25	56250.7	-0.67	56141.58	56149.28516	56022.13441	56008.39453	505321.3	5409649.6
L5320.0	505321.4	5409650.5	13364.90039	334.50	46.99	48.839806	-86.927479	56145.59	56250.7	-0.67	56144.92	56152.44922	56035.01006	56020.33203	505321.4	5409650.5
L5320.0	505321.4	5409651.4	13365.00000	336.31	46.62	48.839814	-86.927479	56148.98	56250.7	-0.67	56148.31	56155.65625	56048.23939	56032.60547	505321.4	5409651.4
L5320.0	505321.4	5409651.4	13365.09961	335.93	48.23	48.839814	-86.927479	56152.37	56250.7	-0.66	56151.70	56158.86719	56060.75321	56044.15625	505321.4	5409651.4
L5320.0	505321.4	5409652.3	13365.20020	336.58	48.23	48.839822	-86.927479	56155.83	56250.7	-0.66	56155.17	56162.15625	56074.39993	56056.82422	505321.4	5409652.3
L5320.0	505321.4	5409653.4	13365.29981	336.34	50.83	48.839831	-86.927478	56159.28	56250.7	-0.65	56158.63	56165.43359	56087.22110	56068.65625	505321.4	5409653.4
L5320.0	505321.4	5409654.1	13365.40039	336.77	50.83	48.839838	-86.927478	56162.82	56250.6	-0.65	56162.17	56168.78906	56101.29109	56081.72266	505321.4	5409654.1
L5320.0	505321.4	5409654.1	13365.50000	336.62	51.59	48.839838	-86.927478	56166.32	56250.6	-0.64	56165.68	56172.11719	56114.21974	56093.63281	505321.4	5409654.1
L5320.0	505321.4	5409655.1	13365.59961	336.53	51.59	48.839847	-86.927478	56169.85	56250.6	-0.63	56169.22	56175.47266	56127.41412	56105.79688	505321.4	5409655.1
L5320.0	505321.4	5409655.9	13365.70020	335.25	50.27	48.839854	-86.927478	56173.38	56250.6	-0.63	56172.76	56178.82813	56140.27646	56117.62109	505321.4	5409655.9
L5320.0	505321.4	5409655.9	13365.79981	332.16	49.53	48.839854	-86.927478	56177.03	56250.6	-0.62	56176.40	56182.28125	56155.10634	56131.39844	505321.4	5409655.9
L5320.0	505321.5	5409656.7	13365.90039	331.61	50.81	48.839861	-86.927477	56180.52	56250.6	-0.62	56179.90	56185.59766	56166.63659	56141.86328	505321.5	5409656.7
L5320.0	505321.5	5409657.6	13366.00000	330.58	50.81	48.839869	-86.927477	56184.06	56250.6	-0.61	56183.45	56188.96094	56179.16761	56153.31641	505321.5	5409657.6
L5320.0	505321.5	5409658.5	13366.09961	329.72	45.78	48.839877	-86.927477	56187.72	56250.6	-0.61	56187.11	56192.43359	56194.10203	56167.16016	505321.5	5409658.5
L5320.0	505321.5	5409659.2	13366.20020	331.54	45.78	48.839884	-86.927477	56191.29	56250.6	-0.61	56190.68	56195.81641	56207.06916	56179.02734	505321.5	5409659.2
L5320.0	505321.5	5409659.2	13366.29981	331.98	42.2	48.839884	-86.927477	56194.76	56250.6	-0.62	56194.15	56199.09766	56217.92417	56188.76953	505321.5	5409659.2
L5320.0	505321.5	5409659.9	13366.40039	334.54	43.24	48.839890	-86.927477	56198.36	56250.6	-0.62	56197.74	56202.50000	56231.62895	56201.35156	505321.5	5409659.9
L5320.0	505321.5	5409660.5	13366.50000	334.60	43.24	48.839895	-86.927476	56201.89	56250.6	-0.62	56201.27	56205.83984	56244.26587	56212.85156	505321.5	5409660.5
L5320.0	505321.5	5409661.3	13366.50000	334.60	54.19	48.839903	-86.927476	56205.33	56250.6	-0.62	56204.71	56209.09375	56255.24604	56222.68750	505321.5	5409661.3
L5320.0	505321.5	5409661.3	13366.70020	335.64	54.19	48.839903	-86.927476	56208.77	56250.6	-0.62	56208.15	56212.34375	56266.64679	56232.92969	505321.5	5409661.3
L5320.0	505321.5	5409662.0	13366.79981	338.41	53.31	48.839909	-86.927476	56212.22	56250.6	-0.63	56211.59	56215.59375	56278.54718	56243.66406	505321.5	5409662.0
L5320.0	505321.6	5409662.8	13366.90039	337.28	54.29	48.839916	-86.927476	56215.64	56250.6	-0.63	56215.01	56218.82422	56290.57939	56254.51953	505321.6	5409662.8
L5320.0	505321.6	5409663.4	13367.00000	336.34	54.29	48.839921	-86.927476	56219.02	56250.6	-0.63	56218.39	56222.01563	56302.37137	56265.12109	505321.6	5409663.4
L5320.0	505321.6	5409663.4	13367.09961	335.19	54.85	48.839921	-86.927476	56222.31	56250.6	-0.63	56221.67	56225.10547	56312.63684	56274.18750	505321.6	5409663.4
L5320.0	505321.6	5409664.1	13367.20020	334.83	55.15	48.839928	-86.927476	56225.57	56250.6	-0.63	56224.93	56228.17578	56323.21032	56283.55078	505321.6	5409664.1

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5320.0	505321.6	5409664.8	13367.29981	333.54	55.15	48.839934	-86.927476	56228.73	56250.6	-0.64	56228.09	56231.14453	56332.31982	56291.44141	505321.6	5409664.8
L5320.0	505321.6	5409665.5	13367.40039	331.67	55.43	48.839940	-86.927476	56232.00	56250.6	-0.64	56231.36	56234.22656	56344.75435	56302.64844	505321.6	5409665.5
L5320.0	505321.6	5409665.9	13367.50000	332.33	55.43	48.839944	-86.927476	56235.16	56250.6	-0.64	56234.52	56237.19531	56355.54645	56312.20313	505321.6	5409665.9
L5320.0	505321.6	5409665.9	13367.59961	333.47	55.52	48.839944	-86.927476	56238.34	56250.6	-0.64	56237.69	56240.17188	56367.44208	56322.84766	505321.6	5409665.9
L5320.0	505321.6	5409666.6	13367.70020	333.99	55.52	48.839951	-86.927475	56241.23	56250.6	-0.64	56240.59	56242.88281	56374.05861	56328.21094	505321.6	5409666.6
L5320.0	505321.6	5409667.2	13367.79981	334.82	55.49	48.839955	-86.927475	56244.17	56250.6	-0.65	56243.52	56245.62109	56382.30743	56335.19531	505321.6	5409667.2
L5320.0	505321.6	5409667.7	13367.90039	335.23	55.49	48.839960	-86.927475	56247.04	56250.6	-0.65	56246.39	56248.30078	56390.19532	56341.80859	505321.6	5409667.7
L5320.0	505321.6	5409667.7	13368.00000	335.45	55.54	48.839960	-86.927475	56249.93	56250.7	-0.65	56249.28	56251.00000	56399.62066	56349.94922	505321.6	5409667.7
L5320.0	505321.6	5409668.2	13368.09961	334.64	55.64	48.839965	-86.927475	56252.70	56250.6	-0.65	56252.05	56253.57813	56407.43439	56356.47266	505321.6	5409668.2
L5320.0	505321.7	5409668.9	13368.20020	335.38	55.64	48.839971	-86.927475	56255.29	56250.6	-0.65	56254.65	56255.98828	56412.54540	56360.28516	505321.7	5409668.9
L5320.0	505321.7	5409669.3	13368.29981	335.58	55.5	48.839974	-86.927475	56257.95	56250.6	-0.64	56257.31	56258.45703	56420.27990	56366.71094	505321.7	5409669.3
L5320.0	505321.7	5409669.6	13368.40039	336.14	55.5	48.839977	-86.927475	56260.48	56250.6	-0.64	56259.83	56260.78906	56426.10707	56371.22266	505321.7	5409669.6
L5320.0	505321.7	5409670.1	13368.50000	336.20	55.39	48.839982	-86.927474	56263.01	56250.6	-0.64	56262.37	56263.13672	56433.73050	56377.52344	505321.7	5409670.1
L5320.0	505321.7	5409670.1	13368.50000	336.20	55.39	48.839982	-86.927474	56265.41	56250.6	-0.64	56264.77	56265.34375	56439.51161	56381.97656	505321.7	5409670.1
L5320.0	505321.7	5409670.6	13368.70020	334.33	55.26	48.839987	-86.927474	56267.76	56250.6	-0.64	56267.12	56267.50391	56445.54624	56386.67188	505321.7	5409670.6
L5320.0	505321.7	5409671.0	13368.79981	334.58	55.26	48.839990	-86.927474	56270.02	56250.6	-0.63	56269.39	56269.58594	56451.15262	56390.93750	505321.7	5409671.0
L5320.0	505321.7	5409671.4	13368.90039	334.24	55.26	48.839994	-86.927474	56272.25	56250.6	-0.63	56271.62	56271.62500	56457.24746	56395.68359	505321.7	5409671.4
L5320.0	505321.7	5409671.4	13369.00000	334.08	55.15	48.839994	-86.927474	56274.32	56250.6	-0.63	56273.69	56273.50391	56461.05991	56398.13672	505321.7	5409671.4
L5320.0	505321.7	5409671.8	13369.09961	334.45	55.15	48.839997	-86.927474	56276.38	56250.6	-0.63	56275.75	56275.37109	56466.04103	56401.75391	505321.7	5409671.8
L5320.0	505321.7	5409672.3	13369.20020	335.01	51.34	48.840002	-86.927474	56278.26	56250.6	-0.64	56277.63	56277.06250	56468.25259	56402.59766	505321.7	5409672.3
L5320.0	505321.7	5409672.7	13369.29981	334.89	47.46	48.840005	-86.927474	56280.18	56250.6	-0.64	56279.54	56278.78125	56472.54987	56405.52344	505321.7	5409672.7
L5320.0	505321.7	5409672.7	13369.40039	335.91	47.46	48.840005	-86.927474	56282.04	56250.6	-0.64	56281.40	56280.45313	56477.07983	56408.67188	505321.7	5409672.7
L5320.0	505321.7	5409673.0	13369.50000	336.87	47.46	48.840008	-86.927474	56283.73	56250.6	-0.65	56283.09	56281.95313	56479.04972	56409.25781	505321.7	5409673.0
L5320.0	505321.7	5409673.6	13369.59961	336.79	45.66	48.840013	-86.927474	56285.39	56250.6	-0.65	56284.74	56283.41016	56481.46584	56410.28516	505321.7	5409673.6
L5320.0	505321.7	5409673.6	13369.59961	336.79	42.16	48.840013	-86.927474	56286.92	56250.6	-0.65	56286.27	56284.75000	56482.47292	56409.89453	505321.7	5409673.6
L5320.0	505321.7	5409673.9	13369.79981	335.90	42.16	48.840016	-86.927474	56288.42	56250.7	-0.65	56287.77	56286.06250	56484.16501	56410.19141	505321.7	5409673.9
L5320.0	505321.7	5409674.2	13369.90039	336.71	52.41	48.840018	-86.927474	56289.85	56250.7	-0.66	56289.20	56287.30078	56485.61398	56410.23438	505321.7	5409674.2
L5320.0	505321.7	5409674.4	13370.00000	337.96	48.07	48.840021	-86.927474	56291.18	56250.7	-0.66	56290.52	56288.42969	56485.89094	56409.10547	505321.7	5409674.4
L5320.0	505321.7	5409674.4	13370.09961	337.96	48.07	48.840021	-86.927474	56292.43	56250.7	-0.66	56291.77	56289.49219	56485.92551	56407.72656	505321.7	5409674.4
L5320.0	505321.7	5409674.7	13370.20020	336.99	53.19	48.840023	-86.927473	56293.48	56250.7	-0.65	56292.83	56290.36328	56482.93024	56403.32031	505321.7	5409674.7
L5320.0	505321.7	5409674.9	13370.29981	336.39	53.19	48.840025	-86.927473	56294.55	56250.6	-0.65	56293.90	56291.24219	56481.54226	56400.51563	505321.7	5409674.9
L5320.0	505321.7	5409674.9	13370.40039	335.25	53.1	48.840025	-86.927473	56295.55	56250.6	-0.64	56294.91	56292.06250	56480.12156	56397.67188	505321.7	5409674.9
L5320.0	505321.7	5409675.3	13370.50000	334.06	53.1	48.840029	-86.927473	56296.46	56250.6	-0.64	56295.82	56292.78516	56477.72421	56393.85156	505321.7	5409675.3
L5320.0	505321.7	5409675.3	13370.50000	334.06	53.03	48.840029	-86.927473	56297.16	56250.6	-0.64	56296.52	56293.29297	56471.77688	56386.47656	505321.7	5409675.3
L5320.0	505321.7	5409675.5	13370.70020	334.79	53.79	48.840031	-86.927473	56297.88	56250.6	-0.63	56297.25	56293.83594	56467.81872	56381.08984	505321.7	5409675.5
L5320.0	505321.8	5409675.7	13370.79981	332.75	53.79	48.840032	-86.927473	56298.48	56250.6	-0.62	56297.86	56294.25391	56462.33795	56374.17969	505321.8	5409675.7
L5320.0	505321.8	5409675.8	13370.90039	333.77	48.06	48.840033	-86.927473	56299.12	56250.6	-0.61	56298.51	56294.71484	56459.02217	56369.43359	505321.8	5409675.8
L5320.0	505321.8	5409676.0	13371.00000	329.48	48.06	48.840035	-86.927473	56299.58	56250.6	-0.61	56298.97	56294.98828	56452.49758	56361.47266	505321.8	5409676.0
L5320.0	505321.8	5409676.0	13371.09961	330.51	44.62	48.840035	-86.927473	56300.12	56250.6	-0.61	56299.50	56295.32813	56448.77464	56356.31641	505321.8	5409676.0
L5320.0	505321.8	5409676.1	13371.20020	331.87	44.62	48.840036	-86.927473	56300.49	56250.6	-0.62	56299.87	56295.50781	56442.46482	56348.57031	505321.8	5409676.1
L5320.0	505321.8	5409676.2	13371.29981	332.87	44.03	48.840037	-86.927473	56300.95	56250.6	-0.62	56300.33	56295.78125	56439.35262	56344.01953	505321.8	5409676.2
L5320.0	505321.8	5409676.2	13371.40039	334.27	45.69	48.840037	-86.927473	56301.16	56250.6	-0.63	56300.53	56295.78906	56431.23430	56334.46484	505321.8	5409676.2
L5320.0	505321.8	5409676.3	13371.50000	335.95	45.69	48.840038	-86.927473	56301.49	56250.6	-0.63	56300.86	56295.92969	56427.16623	56328.96094	505321.8	5409676.3
L5320.1	505322.0	5409664.2	18925.40039	368.65	0	48.839928	-86.927470	56260.16	56232.1	17.93	56278.09	56226.73828	56168.34864	56298.60156	505322.0	5409664.2
L5320.1	505322.0	5409664.4	18925.50000	370.10	0	48.839931	-86.927470	56261.18	56232.1	17.93	56279.11	56228.45703	56173.75446	56301.89844	505322.0	5409664.4
L5320.1	505322.0	5409664.4	18925.59961	368.43	0	48.839931	-86.927470	56262.20	56232.1	17.93	56280.13	56230.17578	56178.77178	56304.80859	505322.0	5409664.4
L5320.1	505322.0	5409664.7	18925.69922	369.37	0	48.839933	-86.927470	56263.64	56232.1	17.93	56281.57	56232.31250	56193.37754	56317.30859	505322.0	5409664.7
L5320.1	505321.9	5409665.1	18925.80078	369.43	0	48.839937	-86.927471	56264.82	56232.1	17.93	56282.75	56234.19141	56201.41211	56323.23828	505321.9	5409665.1
L5320.1	505321.9	5409665.1	18925.90039	371.75	0	48.839937	-86.927471	56266.38	56232.1	17.93	56284.31	56236.44922	56218.08095	56337.80469	505321.9	5409665.1
L5320.1	505321.9	5409665.4	18926.00000	371.01	0	48.839940	-86.927471	56267.75	56232.1	17.93	56285.68	56238.51563	56229.83925	56347.46484	505321.9	5409665.4
L5320.1	505321.9	5409665.8	18926.09961	368.48	0	48.839943	-86.927471	56268.98	56232.1	17.93	56286.91	56240.44141	56237.87459	56353.40234	505321.9	5409665.8
L5320.1	505321.9	5409665.8	18926.19922	361.79	0	48.839943	-86.927471	56270.26	56232.1	17.93	56288.19	56242.41797	56246.70170	56360.14063	505321.9	5409665.8
L5320.1	505321.9	5409666.3	18926.30078	361.40	0	48.839948	-86.927471	56271.36	56232.1	17.93	56289.28	56244.19922	56250.61866	56361.97266	505321.9	5409666.3
L5320.1	505321.9	5409666.7	18926.40039	372.65	0	48.839951	-86.927471	56272.65	56232.1	17.93	56290.57	56246.17969	56258.89360	56368.16406	505321.9	5409666.7
L5320.1	505321.9	5409667.1	18926.50000	371.35	0	48.839955	-86.927471	56273.86	56232.1	17.93	56291.78	56248.08203	56264.87537	56372.07422	505321.9	5409667.1
L5320.1	505321.9	5409667.1	18926.59961	371.34	0	48.839955	-86.927471	56274.95	56232.1	17.92	56292.87	56249.85938	56267.61611	56372.74609	505321.9	5409667.1
L5320.1	505321.9	5409667.6	18926.69922	371.25	0	48.839959	-86.927471	56276.10	56232.1	17.92	56294.03	56251.70703	56271.63361	56374.70313	505321.9	5409667.6
L5320.1	505321.9	5409668.1	18926.80078	357.18	0	48.839963	-86.927471	56276.61	56232.1	17.92	56294.53	56252.89063	56259.58614	56360.60547	505321.9	5409668.1
L5320.1	505321.9	5409668.1	18926.90039	358.48	0	48.839963	-86.927471	56278.14	56232.1	17.92	56296.06	56255.10156	56271.63432	56370.60938	505321.9	5409668.1
L5320.1	505322.0	5409668.8	18927.00000	367.62	0	48.839970	-86.927470	56278.76	56232.1	17.92	56296.68	56256.40234	56261.68687	56358.62891	505322.0	5409668.8
L5320.1	505322.0	5409669.3	18927.09961	364.84	0	48.839974	-86.927470	56280.28	56232.1	17.92	56298.20	56258.60156	56272.75702	56367.67578	505322.0	5409669.3
L5320.1	505322.0	5409669.8	18927.19922	367.03	0	48.839979	-86.927470	56280.82	56232.1	17.92	56298.74	56259.81641	56260.18041	56353.08594	505322.0	5409669.8
L5320.1	505322.0	5409669.8	18927.30078	377.31	0	48.839979	-86.927470	56282.05	56232.1	17.91	56299.96	56261.70703	56263.40742	56354.30859	505322.0	5409669.8
L5320.1	505322.0	5409670.5	18927.40039	379.46	0	48.839985	-86.927470	56283.17	56232.1	17.91	56301.08	56263.49609	56263.91213	56352.82422	505322.0	5409670.5
L5320.1	505322.0	5409670.5	18927.50000	365.46	0	48.839985	-86.927470	56284.16	56232.1	17.91	56302.07	56265.15234	56260.99003	56347.92188	505322.0	5409670.5
L5320.1	505322.1	5409671.2	18927.59961	365.99	0	48.839992	-86.927469	56285.26	56232.1	17.91	56303.17	56266.91797	56260.35274	56345.32031	505322.1	5409671.2
L5320.1	505322.1	5409671.8	18927.69922	363.87	0	48.839997	-86.927469	56286.33	56232.1	17.91	56304.24	56268.64453	56258.68330	56341.69922	505322.1	5409671.8
L5320.1	505322.1	5409672.4	18927.80078	364.83	0	48.840002	-86.927468	56287.41	56232.1	17.90	56305.31	56270.37109	56256.70477	56337.78125	505322.1	5409672.4
L5320.1	505322.1	5409672.4	18927.90039	365.92	0	48.840002	-86.927468	56288.50	56232.1	17.90	56306.40	56272.11719	56254.90319	56334.05469	505322.1	5409672.4
L5320.1	505322.2	5409673.2	18928.00000	359.44	0	48.840009	-86.927468	56289.60	56232.1	17.90	56307.50	56273.86719	56253.05240	56330.29297	505322.2	5409673.2
L5320.1	505322.2	5409674.1	18928.09961	360.12	0	48.840017	-86.927467	56290.80	56232.1	17.90	56308.70	56275.71094	56253.30292	56328.64844	505322.2	5409674.1
L5320.1	505322.2	5409674.1	18928.19922	361.89	0	48.840017	-86.927467	56292.50	56232.1	17.90	56310.41	56278.06250	56265.40940	56338.87891	505322.2	5409674.1
L5320.1	505322.2	5409674.9	18928.30078	365.66	0	48.840025	-86.927467	56293.36	56232.1	17.91	56311.26	56279.55078	56256.83241	56328.43750	505322.2	5409674.9
L5320.1	505322.2	5409675.8	18928.40039	368.54	0	48.840033	-86.927467	56294.83	56232.1	17.91	56312.74	56281.66797	56262.98965	56332.75000	505322.2	5409675.8
L5320.1	505322.2	5409675.8	18928.50000	368.30	0	48.840033	-86.927467	56296.08	56232.1	17.91	56313.99	56283.54688	56263.46092	56331.39453	505322.2	5409675.8
L5320.1	505322.2	5409676.6	18928.59961	367.83	0	48.840041	-86.927467	56297.31	56232.1	17.91	56315.22	56285.40234	56263.25088	56329.37500	505322.2	5409676.6
L5320.1	505322.2	5409677.5	18928.69922	368.32	0	48.840049	-86.927467	56298.84	56232.1	17.91	56316.75	56287.55469	56269.97840	56334.30859	505322.2	5409677.5
L5320.1	505322.2	5409677.5	18928.80078	368.27	0	48.840049	-86.927467	56299.98	56232.1	17.92	56317.90	56289.32422	56267.50180	56330.06250	505322.2	5409677.5
L5320.1	505322.2	5409678.4	18928.90039	363.91	0	48.840056	-86.927467	56301.72	56232.1	17.92	56319.64	56291.67969	56278.88562	56339.69141	505322.2	5409678.4
L5320.1	505322.2	5409679.4	18929.00000	362.08	0	48.840065	-86.927467	56302.82	56232.1	17.92	56320.74	56293.38672	56274.92054	56333.99219	505322.2	5409679.4
L5320.1	505322.2	5409680.2	18929.09961	364.26	0	48.840073	-86.927467	56304.10	56232.1	17.92	56322.02	56295.27344	56275.10783	56332.46484	505322.2	5409680.2
L5320.1	505322.2	5409680.2	18929.19922	365.00	0	48.840073	-86.927467	56305.65	56232.1	17.92	56323.57	56297.42188	56281.60363	56337.26953	505322.2	5409680.2
L5320.1	505322.2	5409681.1	18929.30078	364.16	0	48.840081	-86.927467	56307.43	56232.1	17.92	56325.36	56299.80859	56293.71312	56347.70703	505322.2	5409681.1
L5320.1	505322.2	5409681.7	18929.40039	362.52	0	48.840086	-86.927467	56308.92	56232.1	17.92	56326.84	56301.87891	56298.38614	56350.72656	505322.2	5409681.7
L5320.1	505322.2	5409682.7	18929.50000	364.02	0	48.840095	-86.927468	56310.45	56232.1	17.92	56328.37	56303.99609	56304.19543	56354.90625	505322.2	5409682.7
L5320.1	505322.2	5409682.7	18929.59961	363.06	0	48.840095	-86.927468	56311.95	56232.1	17.93	56329.88	56306.08984	56309.49679	56358.60156	505322.2	5409682.7
L5320.1	505322.1	5409683.6	18929.69922	364.16	0	48.840103	-86.927468	56313.48	56232.1	17.93	56331.41	56308.19922	56315.26006	56362.77734	505322.1	5409683.6
L5320.1	505322.1	5409684.6	18929.80078	365.98	0	48.840112	-86.927468	56315.04	56232.1	17.93	56332.97	56310.33203	56321.74252	56367.69922	505322.1	5409684.6
L5320.1	505322.1	5409684.6	18929.90039	367.02	0	48.840112	-86.927468	56316.14	56232.1	17.93	56334.07	56312.00000	56317.32121	56361.73828	505322.1	5409684.6
L5320.1	505322.1	5409685.4	18930.00000	365.68	0	48.840120	-86.927468	56317.95	56232.1	17.93	56335.88	56314.37500	56329.81669	56372.71875	505322.1	5409685.4
L5320.1	505322.1	5409686.4	18930.09961	364.16	0	48.840128	-86.927469	56319.43	56232.1	17.93	56337.36	56316.41406	56334.53787	56375.94922	505322.1	5409686.4
L5320.1	505322.1	5409687.2	18930.19922	362.48	0	48.840135	-86.927469	56321.24	56232.1	17.92	56339.16	56318.76953	56346.94998	56386.89063	505322.1	5409687.2
L5320.1	505322.1	5409687.2	18930.30078	364.49	0	48.840135	-86.927469	56322.19	56232.1	17.92	56340.11	56320.26953	56339.27331	56377.77344	505322.1	5409687.2

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5320.1	505322.1	5409688.0	18930.40039	364.18	0	48.840143	-86.927469	56324.31	56232.1	17.91	56342.22	56322.92188	56359.28841	56396.37109	505322.1	5409688.0
L5320.1	505322.0	5409689.4	18930.50000	365.10	0	48.840155	-86.927469	56325.99	56232.1	17.91	56343.90	56325.14453	56369.23618	56404.92188	505322.0	5409689.4
L5320.1	505322.0	5409689.4	18930.59961	360.62	0	48.840155	-86.927469	56327.57	56232.1	17.91	56345.48	56327.26172	56376.97879	56411.29688	505322.0	5409689.4
L5320.1	505322.0	5409690.3	18930.69922	359.46	0	48.840163	-86.927469	56329.11	56232.1	17.90	56347.01	56329.32422	56383.72541	56416.69922	505322.0	5409690.3
L5320.1	505322.0	5409691.3	18930.80078	358.03	0	48.840173	-86.927469	56330.71	56232.1	17.90	56348.61	56331.45313	56392.34847	56424.00781	505322.0	5409691.3
L5320.1	505322.0	5409691.3	18930.90039	358.46	0	48.840173	-86.927469	56332.29	56232.1	17.89	56350.19	56333.55469	56400.73063	56431.09766	505322.0	5409691.3
L5320.1	505322.0	5409692.3	18931.00000	357.89	0	48.840181	-86.927470	56333.63	56232.1	17.89	56351.51	56335.39453	56403.19035	56432.28906	505322.0	5409692.3
L5320.1	505322.0	5409693.2	18931.09961	356.94	0	48.840190	-86.927470	56335.28	56232.1	17.89	56353.17	56337.57031	56414.00534	56441.86719	505322.0	5409693.2
L5320.1	505322.0	5409694.2	18931.19922	355.45	0	48.840198	-86.927470	56336.58	56232.1	17.89	56354.48	56339.39063	56416.80150	56443.44922	505322.0	5409694.2
L5320.1	505322.0	5409694.2	18931.30078	353.66	0	48.840198	-86.927470	56338.16	56232.1	17.90	56356.06	56341.47656	56426.33160	56451.79297	505322.0	5409694.2
L5320.1	505321.9	5409695.3	18931.40039	354.30	0	48.840208	-86.927470	56340.00	56232.1	17.90	56357.90	56343.81641	56442.37885	56466.68359	505321.9	5409695.3
L5320.1	505321.9	5409696.3	18931.50000	364.08	0	48.840217	-86.927471	56341.58	56232.1	17.90	56359.48	56345.89844	56452.60821	56475.77734	505321.9	5409696.3
L5320.1	505321.9	5409697.4	18931.59961	353.48	0	48.840228	-86.927471	56343.04	56232.1	17.90	56360.94	56347.85156	56460.36676	56482.43359	505321.9	5409697.4
L5320.1	505321.9	5409697.4	18931.69922	360.23	0	48.840228	-86.927471	56344.60	56232.1	17.90	56362.50	56349.90234	56470.90229	56491.89063	505321.9	5409697.4
L5320.1	505321.9	5409698.6	18931.80078	368.83	0	48.840238	-86.927471	56346.15	56232.1	17.91	56364.06	56351.94922	56481.85886	56501.79688	505321.9	5409698.6
L5320.1	505321.9	5409698.6	18931.90039	371.55	0	48.840238	-86.927471	56347.38	56232.1	17.91	56365.29	56353.66406	56485.41531	56504.33203	505321.9	5409698.6
L5320.1	505321.9	5409699.4	18932.00000	372.87	0	48.840245	-86.927471	56348.91	56232.1	17.91	56366.82	56355.67188	56496.56081	56514.48047	505321.9	5409699.4
L5320.1	505321.8	5409700.6	18932.09961	375.02	0	48.840256	-86.927472	56350.44	56232.1	17.91	56368.35	56357.67969	56508.18654	56525.14063	505321.8	5409700.6
L5320.1	505321.8	5409700.6	18932.19922	375.45	0	48.840256	-86.927472	56351.56	56232.1	17.91	56369.47	56359.27344	56510.56970	56526.58203	505321.8	5409700.6
L5320.1	505321.8	5409701.6	18932.30078	369.45	0	48.840265	-86.927472	56353.10	56232.1	17.91	56371.01	56361.28516	56523.45088	56538.55078	505321.8	5409701.6
L5320.1	505321.8	5409702.8	18932.40039	371.05	0	48.840276	-86.927472	56354.47	56232.1	17.91	56372.38	56363.12109	56532.82972	56547.04688	505321.8	5409702.8
L5320.1	505321.8	5409704.0	18932.50000	378.11	0	48.840287	-86.927472	56355.70	56232.1	17.91	56373.61	56364.81641	56539.43740	56552.80078	505321.8	5409704.0
L5320.1	505321.8	5409704.0	18932.59961	369.12	0	48.840287	-86.927472	56357.23	56232.1	17.91	56375.14	56366.80859	56553.74678	56566.28125	505321.8	5409704.0
L5320.1	505321.8	5409705.0	18932.69922	368.71	0	48.840296	-86.927473	56358.20	56232.1	17.91	56376.11	56368.23828	56555.34107	56567.07813	505321.8	5409705.0
L5320.1	505321.8	5409705.0	18932.80078	380.30	0	48.840296	-86.927473	56359.52	56232.1	17.91	56377.43	56370.01563	56565.86015	56576.82422	505321.8	5409705.0
L5320.1	505321.8	5409707.4	18932.90039	381.11	0	48.840317	-86.927473	56360.88	56232.1	17.91	56378.79	56371.82813	56577.95510	56588.17969	505321.8	5409707.4
L5320.1	505321.8	5409707.4	18933.00000	378.45	0	48.840317	-86.927473	56362.28	56232.1	17.91	56380.19	56373.67969	56591.64254	56601.15234	505321.8	5409707.4
L5320.1	505321.7	5409708.6	18933.09961	379.04	0	48.840328	-86.927473	56363.36	56232.1	17.91	56381.27	56375.21094	56598.38476	56607.20703	505321.7	5409708.6
L5320.1	505321.7	5409709.5	18933.19922	376.88	0	48.840336	-86.927473	56364.32	56232.1	17.91	56382.23	56376.62109	56602.94986	56611.11328	505321.7	5409709.5
L5320.1	505321.7	5409709.5	18933.30078	363.96	0	48.840336	-86.927473	56365.52	56232.1	17.90	56383.43	56378.26563	56613.90732	56621.44141	505321.7	5409709.5
L5320.1	505321.7	5409710.9	18933.40039	366.78	0	48.840349	-86.927473	56366.29	56232.1	17.90	56384.19	56379.47266	56615.11475	56622.04688	505321.7	5409710.9
L5320.1	505321.7	5409711.7	18933.50000	376.21	0	48.840356	-86.927473	56367.28	56232.1	17.90	56385.18	56380.90625	56622.50680	56628.86719	505321.7	5409711.7
L5320.1	505321.7	5409711.7	18933.59961	377.09	0	48.840356	-86.927473	56368.36	56232.1	17.90	56386.25	56382.41797	56632.53363	56638.34766	505321.7	5409711.7
L5320.1	505321.7	5409713.2	18933.69922	376.68	0	48.840370	-86.927473	56369.43	56232.1	17.90	56387.32	56383.92969	56643.30833	56648.60156	505321.7	5409713.2
L5320.1	505321.7	5409714.3	18933.80078	374.94	0	48.840379	-86.927473	56370.09	56232.1	17.89	56387.98	56385.03125	56645.10243	56649.91016	505321.7	5409714.3
L5320.1	505321.7	5409714.3	18933.90039	377.67	0	48.840379	-86.927473	56371.06	56232.1	17.89	56388.95	56386.44141	56655.03703	56659.38281	505321.7	5409714.3
L5320.1	505321.7	5409715.5	18934.00000	376.65	0	48.840390	-86.927473	56371.70	56232.1	17.89	56389.59	56387.51953	56657.91786	56661.83203	505321.7	5409715.5
L5320.1	505321.7	5409716.8	18934.09961	370.63	0	48.840402	-86.927473	56372.31	56232.1	17.89	56390.20	56388.57031	56660.88562	56664.39453	505321.7	5409716.8
L5320.1	505321.7	5409716.8	18934.19922	368.36	0	48.840402	-86.927473	56373.00	56232.1	17.89	56390.90	56389.70703	56666.80363	56669.93359	505321.7	5409716.8
L5320.1	505321.7	5409718.1	18934.30078	373.49	0	48.840413	-86.927473	56373.64	56232.1	17.89	56391.53	56390.77734	56671.88176	56674.66016	505321.7	5409718.1
L5320.1	505321.7	5409719.4	18934.40039	374.51	0	48.840425	-86.927473	56374.28	56232.1	17.89	56392.17	56391.85547	56678.03213	56680.49219	505321.7	5409719.4
L5320.1	505321.7	5409720.4	18934.50000	368.59	0	48.840434	-86.927473	56374.84	56232.1	17.90	56392.74	56392.86328	56683.36476	56685.52734	505321.7	5409720.4
L5320.1	505321.7	5409722.0	18934.59961	371.22	0	48.840448	-86.927473	56375.52	56232.1	17.90	56393.42	56393.98438	56692.16714	56694.06250	505321.7	5409722.0
L5320.1	505321.7	5409722.0	18934.69922	378.07	0	48.840448	-86.927473	56375.61	56232.1	17.90	56393.50	56394.50391	56687.57909	56689.23438	505321.7	5409722.0
L5320.1	505321.7	5409723.5	18934.80078	380.40	0	48.840462	-86.927473	56375.98	56232.1	17.90	56393.88	56395.32422	56690.99538	56692.44141	505321.7	5409723.5
L5320.1	505321.7	5409724.9	18934.90039	378.55	0	48.840475	-86.927473	56376.22	56232.1	17.90	56394.12	56396.00781	56691.97061	56693.23047	505321.7	5409724.9
L5320.1	505321.7	5409724.9	18935.00000	378.18	0	48.840475	-86.927473	56376.57	56232.1	17.90	56394.47	56396.80078	56696.45419	56697.55859	505321.7	5409724.9
L5320.1	505321.7	5409727.5	18935.09961	371.13	0	48.840498	-86.927473	56376.88	56232.1	17.90	56394.78	56397.55469	56700.89079	56701.86328	505321.7	5409727.5
L5320.1	505321.7	5409727.5	18935.19922	370.36	0	48.840498	-86.927473	56376.98	56232.1	17.90	56394.88	56398.10156	56701.24954	56702.11719	505321.7	5409727.5
L5320.1	505321.7	5409728.8	18935.30078	381.95	0	48.840510	-86.927473	56376.96	56232.1	17.90	56394.86	56398.52734	56699.67714	56700.46484	505321.7	5409728.8
L5320.1	505321.7	5409728.8	18935.40039	377.94	0	48.840510	-86.927473	56377.04	56232.1	17.90	56394.94	56399.05859	56701.40895	56702.14844	505321.7	5409728.8
L5320.1	505321.7	5409729.9	18935.50000	377.25	0	48.840520	-86.927473	56376.78	56232.1	17.91	56394.68	56399.25000	56695.99775	56696.71094	505321.7	5409729.9
L5320.1	505321.7	5409731.3	18935.59961	365.89	0	48.840532	-86.927473	56376.70	56232.1	17.91	56394.61	56399.63281	56696.04425	56696.76172	505321.7	5409731.3
L5320.1	505321.7	5409732.5	18935.69922	365.04	0	48.840543	-86.927473	56376.32	56232.1	17.91	56394.22	56399.69922	56689.43744	56690.17969	505321.7	5409732.5
L5320.1	505321.7	5409733.9	18935.80078	376.61	0	48.840556	-86.927473	56376.39	56232.1	17.91	56394.30	56400.23828	56694.95541	56695.75391	505321.7	5409733.9
L5320.1	505321.7	5409733.9	18935.90039	377.61	0	48.840556	-86.927473	56376.09	56232.1	17.91	56394.00	56400.39844	56692.40788	56693.28516	505321.7	5409733.9
L5320.1	505321.7	5409734.9	18936.00000	377.80	0	48.840565	-86.927473	56375.84	56232.1	17.91	56393.75	56400.61328	56692.01852	56693.00391	505321.7	5409734.9
L5320.1	505321.7	5409736.1	18936.09961	378.73	0	48.840576	-86.927473	56375.66	56232.1	17.91	56393.57	56400.90234	56694.26874	56695.38281	505321.7	5409736.1
L5320.1	505321.7	5409737.4	18936.19922	379.84	0	48.840587	-86.927473	56374.99	56232.1	17.91	56392.90	56400.69922	56685.85833	56687.12891	505321.7	5409737.4
L5320.1	505321.7	5409737.4	18936.30078	380.79	0	48.840587	-86.927473	56374.48	56232.1	17.91	56392.39	56400.66406	56682.23775	56683.69141	505321.7	5409737.4
L5320.1	505321.7	5409738.4	18936.40039	381.38	0	48.840596	-86.927473	56373.64	56232.1	17.91	56391.55	56400.30078	56671.76971	56673.42969	505321.7	5409738.4
L5320.1	505321.7	5409739.8	18936.50000	381.38	0	48.840609	-86.927473	56373.38	56232.1	17.91	56391.29	56400.51953	56676.08219	56677.97656	505321.7	5409739.8
L5320.1	505321.7	5409740.9	18936.59961	381.24	0	48.840619	-86.927473	56372.72	56232.1	17.91	56390.63	56400.34375	56671.89462	56674.04297	505321.7	5409740.9
L5320.1	505321.7	5409740.9	18936.69922	381.29	0	48.840619	-86.927473	56372.14	56232.1	17.91	56390.05	56400.25000	56670.61743	56673.04688	505321.7	5409740.9
L5320.1	505321.8	5409742.7	18936.80078	378.22	0	48.840635	-86.927472	56371.41	56232.1	17.91	56389.32	56400.01172	56666.79054	56669.52734	505321.8	5409742.7
L5320.1	505321.8	5409743.6	18936.90039	377.87	0	48.840643	-86.927472	56370.17	56232.1	17.91	56388.08	56399.26563	56651.86480	56654.92969	505321.8	5409743.6
L5320.1	505321.8	5409743.6	18937.00000	379.12	0	48.840643	-86.927472	56369.40	56232.1	17.91	56387.31	56398.99609	56649.13072	56652.55078	505321.8	5409743.6
L5320.1	505321.8	5409744.9	18937.09961	368.72	0	48.840655	-86.927472	56368.05	56232.1	17.91	56385.96	56398.14844	56633.64378	56637.44141	505321.8	5409744.9
L5320.1	505321.8	5409745.9	18937.19922	366.83	0	48.840664	-86.927472	56367.62	56232.1	17.91	56385.53	56398.22656	56641.04997	56645.24609	505321.8	5409745.9
L5320.1	505321.8	5409747.5	18937.30078	366.30	0	48.840678	-86.927472	56366.52	56232.1	17.91	56384.43	56397.64063	56633.57358	56638.19531	505321.8	5409747.5
L5320.1	505321.8	5409747.5	18937.40039	365.73	0	48.840678	-86.927472	56365.12	56232.1	17.91	56383.03	56396.75781	56620.01041	56625.07813	505321.8	5409747.5
L5320.1	505321.8	5409748.8	18937.50000	366.92	0	48.840690	-86.927472	56364.24	56232.1	17.91	56382.15	56396.39844	56619.84863	56625.39063	505321.8	5409748.8
L5320.1	505321.8	5409749.9	18937.59961	366.45	0	48.840699	-86.927472	56362.84	56232.1	17.91	56380.75	56395.52344	56608.38074	56614.41406	505321.8	5409749.9
L5320.1	505321.8	5409751.1	18937.69922	366.41	0	48.840711	-86.927472	56361.52	56232.1	17.91	56379.43	56394.73438	56599.86728	56606.41406	505321.8	5409751.1
L5320.1	505321.8	5409751.1	18937.80078	364.67	0	48.840711	-86.927472	56360.29	56232.1	17.91	56378.20	56394.03906	56594.54965	56601.63281	505321.8	5409751.1
L5320.1	505321.8	5409752.4	18937.90039	366.40	0	48.840722	-86.927472	56359.16	56232.1	17.91	56377.07	56393.44922	56592.66914	56600.31641	505321.8	5409752.4
L5320.1	505321.8	5409754.1	18938.00000	364.06	0	48.840738	-86.927472	56357.43	56232.1	17.91	56375.34	56392.26563	56577.59661	56585.82422	505321.8	5409754.1
L5320.1	505321.8	5409754.1	18938.09961	364.56	0	48.840738	-86.927472	56356.36	56232.1	17.91	56374.27	56391.74609	56579.27444	56588.10547	505321.8	5409754.1
L5320.1	505321.8	5409755.7	18938.19922	363.45	0	48.840751	-86.927472	56354.88	56232.1	17.91	56372.79	56390.82031	56572.28168	56581.73438	505321.8	5409755.7
L5320.1	505321.8	5409757.2	18938.30078	363.44	0	48.840765	-86.927472	56353.25	56232.1	17.91	56371.15	56389.73828	56562.56183	56572.66016	505321.8	5409757.2
L5320.1	505321.7	5409758.2	18938.40039	363.64	0	48.840774	-86.927472	56351.77	56232.1	17.91	56369.67	56388.82422	56557.72154	56568.48828	505321.7	5409758.2
L5320.1	505321.7	5409758.2	18938.50000	364.20	0	48.840774	-86.927472	56349.88	56232.1	17.90	56367.78	56387.50781	56544.22000	56555.67188	505321.7	5409758.2
L5320.1	505321.7	5409759.6	18938.59961	376.59	0	48.840787	-86.927472	56348.55	56232.1	17.90	56366.46	56386.76172	56545.34589	56557.50391	505321.7	5409759.6
L5320.1	505321.7	5409760.9	18938.69922	377.34	0	48.840798	-86.927473	56346.76	56232.1	17.90	56364.67	56385.55078	56536.39042	56549.27344	505321.7	5409760.9
L5320.1	505321.7	5409760.9	18938.80078	378.30	0	48.840798	-86.927473	56345.23	56232.1	17.90	56363.14	56384.60938	56534.70170	56548.33203	505321.7	5409760.9
L5320.1	505321.7	5409762.6	18938.90039	366.84	0	48.840814	-86.927473	56342.71	56232.1	17.90	56360.61	56382.66797	56510.34321	56524.73828	505321.7	5409762.6
L5320.1	505321.7	5409764.0	18939.00000	368.26	0	48.840826	-86.927473	56341.41	56232.1	17.90	56359.31	56381.96484	56516.30425	56531.48438	505321.7	5409764.0
L5320.1	505321.7	5409765.7	18939.09961	382.13	0	48.840842	-86.927473	56339.38	56232.1	17.90	56357.28	56380.53906	56506.01520	56522.00000	505321.7	5409765.7
L5320.1	505321.7	5409766.6	18939.19922	382.07	0	48.840850	-86.927472	56337.66	56232.1	17.90	56355.56	56379.42578	56504.18935	56520.99219	505321.7	5409766.6
L5320.1	505321.7	5409766.6	18939.30078	382.76	0	48.840850	-86.927472	56335.79	56232.1	17.90	56353.69	56378.16797	56499.89819	56517.53906	505321.7	5409766.6
L5320.1	505321.7	5409768.4	18939.40039	381.23	0	48.840866	-86.927472	56333.50	56232.1	17.90	56351.40	56376.49219	56486.72758	56505.22656	505321.7	5409768.4
L5320.1	505321.7	5409769.9	18939.50000	381.18	0	48.840880	-86.927472	56331.48	56232.1	17.90	56349.38	56375.09766	56481.07374	56500.44922	505321.7	5409769.9
L5320.1	505321.7	5409769.9	18939.59961	369.13	0	48.840880	-86.927472	56329.28	56232.1	17.90	56347.18	56373.52344	56472.24503	56492.51172	505321.7	5409769.9

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5320.1	505321.7	5409771.3	18939.69922	369.83	0	48.840892	-86.927472	56327.54	56232.1	17.90	56345.44	56372.41406	56475.44903	56496.62109	505321.7	5409771.3
L5320.1	505321.7	5409773.2	18939.80078	380.23	0	48.840909	-86.927472	56324.97	56232.1	17.90	56342.87	56370.48438	56460.03423	56482.13281	505321.7	5409773.2
L5320.1	505321.7	5409773.2	18939.90039	381.11	0	48.840909	-86.927472	56323.23	56232.1	17.90	56341.13	56369.38672	56465.44386	56488.48047	505321.7	5409773.2
L5320.1	505321.8	5409774.5	18940.00000	382.44	0	48.840921	-86.927472	56320.78	56232.1	17.90	56338.68	56367.58203	56455.08547	56479.07813	505321.8	5409774.5
L5320.1	505321.8	5409775.9	18940.09961	381.43	0	48.840933	-86.927472	56318.46	56232.1	17.90	56336.36	56365.91406	56448.91752	56473.88281	505321.8	5409775.9
L5320.1	505321.8	5409777.3	18940.19922	379.59	0	48.840946	-86.927472	56316.39	56232.1	17.90	56334.29	56364.50000	56449.79013	56475.74219	505321.8	5409777.3
L5320.1	505321.8	5409777.3	18940.30078	379.69	0	48.840946	-86.927472	56314.15	56232.1	17.90	56332.05	56362.92188	56447.72204	56474.67188	505321.8	5409777.3
L5320.1	505321.8	5409779.1	18940.40039	378.91	0	48.840962	-86.927471	56311.86	56232.1	17.90	56329.75	56361.28906	56445.32494	56473.29297	505321.8	5409779.1
L5320.1	505321.8	5409780.6	18940.50000	371.12	0	48.840976	-86.927471	56309.43	56232.1	17.89	56327.33	56359.53906	56441.17066	56470.16797	505321.8	5409780.6
L5320.1	505321.8	5409780.6	18940.59961	369.77	0	48.840976	-86.927471	56306.85	56232.1	17.89	56324.74	56357.62109	56434.06817	56464.10547	505321.8	5409780.6
L5320.1	505321.8	5409782.0	18940.69922	373.84	0	48.840988	-86.927471	56304.20	56232.1	17.89	56322.09	56355.64844	56426.62771	56457.71875	505321.8	5409782.0
L5320.1	505321.8	5409783.2	18940.80078	373.91	0	48.840999	-86.927471	56302.00	56232.1	17.89	56319.89	56354.13281	56430.96341	56463.12109	505321.8	5409783.2
L5320.1	505321.8	5409784.3	18940.90039	369.12	0	48.841009	-86.927471	56299.25	56232.1	17.89	56317.14	56352.07031	56423.30971	56456.55078	505321.8	5409784.3
L5320.1	505321.9	5409785.7	18941.00000	368.31	0	48.841022	-86.927470	56296.88	56232.1	17.89	56314.76	56350.37891	56425.52163	56459.85547	505321.9	5409785.7
L5320.1	505321.9	5409785.7	18941.09961	369.15	0	48.841022	-86.927470	56294.20	56232.1	17.89	56312.09	56348.40234	56421.91121	56457.34766	505321.9	5409785.7
L5320.1	505321.9	5409787.4	18941.19922	370.42	0	48.841037	-86.927470	56291.82	56232.1	17.89	56309.71	56346.72266	56426.25354	56462.80078	505321.9	5409787.4
L5320.1	505321.9	5409788.6	18941.30078	369.94	0	48.841048	-86.927470	56289.19	56232.1	17.90	56307.08	56344.79297	56425.71071	56463.38281	505321.9	5409788.6
L5320.1	505321.9	5409790.1	18941.40039	370.05	0	48.841061	-86.927469	56286.43	56232.1	17.90	56304.33	56342.74609	56423.36407	56462.17188	505321.9	5409790.1
L5320.1	505321.9	5409790.1	18941.50000	370.54	0	48.841061	-86.927469	56283.60	56232.1	17.90	56301.50	56340.62500	56420.15577	56460.10547	505321.9	5409790.1
L5320.1	505322.0	5409791.9	18941.59961	369.71	0	48.841078	-86.927469	56281.06	56232.1	17.90	56298.96	56338.79688	56424.86844	56465.97266	505322.0	5409791.9
L5320.1	505322.0	5409793.2	18941.69922	370.94	0	48.841089	-86.927469	56278.57	56232.1	17.90	56296.47	56337.01953	56431.78974	56474.05078	505322.0	5409793.2
L5320.1	505322.0	5409793.2	18941.80078	370.45	0	48.841089	-86.927469	56275.54	56232.1	17.91	56293.45	56334.71484	56427.12785	56470.55859	505322.0	5409793.2
L5320.1	505322.0	5409794.9	18941.90039	367.40	0	48.841105	-86.927468	56272.93	56232.1	17.91	56290.83	56332.81250	56432.96936	56477.57813	505322.0	5409794.9
L5320.1	505322.0	5409796.5	18942.00000	366.89	0	48.841119	-86.927468	56269.74	56232.1	17.91	56287.65	56330.35156	56426.49172	56472.28516	505322.0	5409796.5
L5320.1	505322.0	5409796.5	18942.09961	367.05	0	48.841119	-86.927468	56267.12	56232.1	17.91	56285.03	56328.45313	56434.29456	56481.27734	505322.0	5409796.5
L5320.1	505322.0	5409797.9	18942.19922	367.79	0	48.841132	-86.927468	56263.87	56232.1	17.90	56281.78	56325.92578	56428.08872	56476.26563	505322.0	5409797.9
L5320.1	505322.1	5409799.3	18942.30078	366.51	0	48.841144	-86.927468	56260.84	56232.1	17.90	56278.74	56323.61328	56427.81910	56477.19531	505322.1	5409799.3
L5320.1	505322.1	5409799.3	18942.40039	364.67	0	48.841144	-86.927468	56257.91	56232.1	17.90	56275.80	56321.39844	56430.85682	56481.43750	505322.1	5409799.3
L5320.1	505322.1	5409801.5	18942.50000	365.44	0	48.841164	-86.927467	56254.74	56232.1	17.90	56272.63	56318.95703	56429.34469	56481.13672	505322.1	5409801.5
L5320.1	505322.1	5409802.9	18942.59961	370.19	0	48.841176	-86.927467	56251.93	56232.1	17.89	56269.82	56316.87500	56437.28484	56490.29297	505322.1	5409802.9
L5320.1	505322.1	5409802.9	18942.69922	370.26	0	48.841176	-86.927467	56248.79	56232.1	17.89	56266.68	56314.46484	56438.26442	56492.48828	505322.1	5409802.9
L5320.1	505322.1	5409803.9	18942.80078	370.50	0	48.841186	-86.927467	56245.73	56232.1	17.89	56263.61	56312.12500	56441.76923	56497.21094	505322.1	5409803.9
L5320.1	505322.1	5409805.3	18942.90039	369.05	0	48.841198	-86.927467	56242.31	56232.1	17.88	56260.20	56309.44531	56438.03774	56494.69922	505322.1	5409805.3
L5320.1	505322.1	5409806.9	18943.00000	369.47	0	48.841212	-86.927467	56239.21	56232.1	17.88	56257.09	56307.06641	56442.25665	56500.14063	505322.1	5409806.9
L5320.1	505322.1	5409806.9	18943.09961	367.92	0	48.841212	-86.927467	56235.73	56232.1	17.88	56253.61	56304.31641	56438.48480	56497.59375	505322.1	5409806.9
L5320.1	505322.1	5409808.6	18943.19922	366.33	0	48.841228	-86.927467	56232.43	56232.1	17.88	56250.30	56301.73828	56439.53099	56499.86328	505322.1	5409808.6
L5320.1	505322.1	5409810.0	18943.30078	367.25	0	48.841240	-86.927467	56229.15	56232.1	17.88	56247.03	56299.19531	56442.28328	56503.83594	505322.1	5409810.0
L5320.1	505322.1	5409810.0	18943.40039	365.02	0	48.841240	-86.927467	56225.79	56232.1	17.88	56243.66	56296.55469	56443.39117	56506.16797	505322.1	5409810.0
L5320.1	505322.1	5409811.4	18943.50000	363.87	0	48.841253	-86.927466	56222.23	56232.1	17.88	56240.10	56293.72266	56440.69139	56504.69141	505322.1	5409811.4
L5320.1	505322.1	5409812.8	18943.59961	363.88	0	48.841266	-86.927466	56218.89	56232.1	17.87	56236.76	56291.10938	56443.90028	56509.11719	505322.1	5409812.8
L5320.1	505322.2	5409814.7	18943.69922	364.07	0	48.841282	-86.927466	56215.38	56232.1	17.87	56233.25	56288.32031	56443.72449	56510.16016	505322.2	5409814.7
L5320.1	505322.2	5409814.7	18943.80078	367.20	0	48.841282	-86.927466	56211.50	56232.1	17.87	56229.38	56285.17578	56435.62201	56503.26953	505322.2	5409814.7
L5320.1	505322.2	5409815.8	18943.90039	363.92	0	48.841292	-86.927466	56208.21	56232.1	17.87	56226.09	56282.60547	56441.89995	56510.75781	505322.2	5409815.8
L5320.1	505322.2	5409815.8	18944.00000	356.96	0	48.841292	-86.927466	56204.32	56232.1	17.87	56222.19	56279.42188	56434.25359	56504.32031	505322.2	5409815.8
L5320.1	505322.2	5409818.8	18944.09961	354.63	0	48.841319	-86.927465	56200.68	56232.1	17.87	56218.56	56276.50781	56433.56273	56504.83203	505322.2	5409818.8
L5320.1	505322.2	5409818.8	18944.19922	356.81	0	48.841319	-86.927465	56196.76	56232.1	17.87	56214.63	56273.29297	56426.25284	56498.71875	505322.2	5409818.8
L5320.1	505322.2	5409820.2	18944.30078	360.78	0	48.841332	-86.927465	56193.07	56232.1	17.88	56210.95	56270.32031	56425.36098	56499.01953	505322.2	5409820.2
L5320.1	505322.3	5409821.6	18944.40039	360.98	0	48.841345	-86.927464	56189.02	56232.1	17.88	56206.90	56266.97656	56416.12303	56490.96875	505322.3	5409821.6
L5320.1	505322.3	5409822.8	18944.50000	360.09	0	48.841356	-86.927464	56185.12	56232.1	17.88	56203.00	56263.78125	56410.86170	56486.88672	505322.3	5409822.8
L5320.1	505322.3	5409822.8	18944.59961	360.25	0	48.841356	-86.927464	56181.34	56232.1	17.88	56199.22	56260.69922	56408.83041	56486.03125	505322.3	5409822.8
L5320.1	505322.3	5409824.5	18944.69922	358.48	0	48.841371	-86.927464	56177.26	56232.1	17.88	56195.14	56257.31641	56400.01507	56478.38281	505322.3	5409824.5
L5320.1	505322.3	5409825.5	18944.80078	358.45	0	48.841380	-86.927464	56173.20	56232.1	17.89	56191.09	56253.95703	56392.22170	56471.74609	505322.3	5409825.5
L5320.1	505322.3	5409827.5	18944.90039	360.57	0	48.841398	-86.927464	56169.06	56232.1	17.89	56186.95	56250.50391	56382.56323	56463.23828	505322.3	5409827.5
L5320.1	505322.3	5409827.5	18945.00000	362.00	0	48.841398	-86.927464	56164.98	56232.1	17.89	56182.87	56247.10547	56374.56743	56456.38672	505322.3	5409827.5
L5320.1	505322.3	5409829.3	18945.09961	361.30	0	48.841413	-86.927464	56160.66	56232.1	17.89	56178.55	56243.46484	56361.06904	56444.02344	505322.3	5409829.3
L5320.1	505322.3	5409830.8	18945.19922	359.76	0	48.841427	-86.927464	56156.13	56232.1	17.89	56174.02	56239.60547	56342.74340	56426.82031	505322.3	5409830.8
L5320.1	505322.3	5409832.1	18945.30078	359.75	0	48.841440	-86.927464	56151.58	56232.1	17.88	56169.47	56235.72266	56324.06710	56409.26172	505322.3	5409832.1
L5320.1	505322.3	5409832.1	18945.40039	361.01	0	48.841440	-86.927464	56147.44	56232.1	17.88	56165.32	56232.23828	56314.98131	56401.28125	505322.3	5409832.1
L5320.1	505322.3	5409833.8	18945.50000	360.80	0	48.841454	-86.927464	56143.07	56232.1	17.88	56160.95	56228.52344	56300.71527	56388.10938	505322.3	5409833.8
L5320.1	505322.3	5409835.2	18945.59961	361.55	0	48.841467	-86.927464	56138.58	56232.1	17.88	56156.46	56224.68359	56283.60578	56372.08594	505322.3	5409835.2
L5320.1	505322.3	5409835.2	18945.69922	360.84	0	48.841467	-86.927464	56134.13	56232.1	17.88	56152.01	56220.87891	56267.41495	56356.97266	505322.3	5409835.2
L5320.1	505322.3	5409836.6	18945.80078	360.87	0	48.841480	-86.927464	56129.56	56232.1	17.87	56147.43	56216.93750	56248.06343	56338.68359	505322.3	5409836.6
L5320.1	505322.3	5409838.4	18945.90039	362.11	0	48.841496	-86.927464	56124.56	56232.1	17.87	56142.44	56212.57813	56218.85790	56310.53125	505322.3	5409838.4
L5320.1	505322.3	5409840.3	18946.00000	362.54	0	48.841513	-86.927464	56120.02	56232.1	17.87	56137.89	56208.65625	56199.95479	56292.66797	505322.3	5409840.3
L5320.1	505322.3	5409841.5	18946.09961	362.32	0	48.841524	-86.927464	56115.26	56232.1	17.87	56133.13	56204.51172	56175.86876	56269.61328	505322.3	5409841.5
L5320.1	505322.3	5409841.5	18946.19922	363.84	0	48.841524	-86.927464	56110.63	56232.1	17.87	56128.50	56200.49609	56154.63782	56249.40234	505322.3	5409841.5
L5320.1	505322.3	5409843.4	18946.30078	362.86	0	48.841540	-86.927464	56106.11	56232.1	17.87	56123.98	56196.58203	56135.74589	56231.51563	505322.3	5409843.4
L5320.1	505322.3	5409843.4	18946.40039	360.92	0	48.841540	-86.927464	56101.30	56232.1	17.87	56119.17	56192.36719	56109.64765	56206.41016	505322.3	5409843.4
L5320.1	505322.3	5409844.5	18946.50000	362.20	0	48.841550	-86.927464	56096.74	56232.1	17.87	56114.61	56188.39844	56089.13320	56186.88281	505322.3	5409844.5
L5320.1	505322.3	5409845.9	18946.59961	362.58	0	48.841563	-86.927464	56091.79	56232.1	17.87	56109.66	56184.03125	56058.95463	56157.67578	505322.3	5409845.9
L5320.1	505322.3	5409845.9	18946.69922	363.48	0	48.841563	-86.927464	56087.33	56232.1	17.87	56105.20	56180.14453	56039.98097	56139.65625	505322.3	5409845.9
L5320.1	505322.3	5409847.3	18946.80078	363.72	0	48.841575	-86.927464	56082.27	56232.1	17.87	56100.14	56175.65234	56006.27212	56106.89453	505322.3	5409847.3
L5320.1	505322.2	5409848.7	18946.90039	360.61	0	48.841588	-86.927464	56077.75	56232.1	17.87	56095.62	56171.69141	55984.87533	56086.42969	505322.2	5409848.7
L5320.1	505322.2	5409848.7	18947.00000	362.29	0	48.841588	-86.927464	56073.14	56232.1	17.87	56091.01	56167.63281	55960.78104	56063.25781	505322.2	5409848.7
L5320.1	505322.2	5409850.3	18947.09961	363.28	0	48.841603	-86.927464	56068.32	56232.1	17.87	56086.19	56163.35547	55931.09817	56034.48438	505322.2	5409850.3
L5320.1	505322.2	5409851.9	18947.19922	366.50	0	48.841617	-86.927464	56063.81	56232.1	17.87	56081.68	56159.37891	55908.14303	56012.42578	505322.2	5409851.9
L5320.1	505322.2	5409853.8	18947.30078	366.31	0	48.841634	-86.927464	56059.06	56232.1	17.87	56076.93	56155.15234	55878.80804	55983.97266	505322.2	5409853.8
L5320.1	505322.2	5409853.8	18947.40039	364.20	0	48.841634	-86.927464	56054.68	56232.1	17.87	56072.55	56151.28906	55857.54887	55963.58594	505322.2	5409853.8
L5320.1	505322.2	5409855.4	18947.50000	361.24	0	48.841648	-86.927464	56049.84	56232.1	17.88	56067.72	56146.96875	55824.84342	55931.74219	505322.2	5409855.4
L5320.1	505322.2	5409856.7	18947.59961	357.41	0	48.841660	-86.927464	56045.57	56232.1	17.88	56063.45	56143.19922	55804.65283	55912.39844	505322.2	5409856.7
L5320.1	505322.2	5409856.7	18947.69922	356.85	0	48.841660	-86.927464	56040.99	56232.1	17.88	56058.87	56139.10938	55776.26811	55884.84766	505322.2	5409856.7
L5320.1	505322.3	5409858.5	18947.80078	359.02	0	48.841676	-86.927464	56036.72	56232.1	17.88	56054.60	56135.32031	55754.38484	55863.78516	505322.3	5409858.5
L5320.1	505322.3	5409860.0	18947.90039	357.99	0	48.841690	-86.927464	56032.57	56232.1	17.88	56050.45	56131.64063	55734.45286	55844.66406	505322.3	5409860.0
L5320.1	505322.3	5409860.0	18948.00000	358.75	0	48.841690	-86.927464	56028.32	56232.1	17.88	56046.20	56127.85156	55711.20993	55822.21875	505322.3	5409860.0
L5320.1	505322.3	5409861.2	18948.09961	363.13	0	48.841701	-86.927464	56023.96	56232.1	17.88	56041.84	56123.94531	55684.38438	55796.18359	505322.3	5409861.2
L5320.1	505322.3	5409862.9	18948.19922	362.90	0	48.841717	-86.927463	56019.77	56232.1	17.88	56037.65	56120.19922	55660.59608	55773.16797	505322.3	5409862.9
L5320.1	505322.3	5409862.9	18948.30078	363.02	0	48.841717	-86.927463	56015.50	56232.1	17.88	56033.37	56116.35547	55633.63481	55746.96875	505322.3	5409862.9
L5320.1	505322.3	5409864.3	18948.40039	364.36	0	48.841729	-86.927463	56011.35	56232.1	17.88	56029.22	56112.62891	55608.69655	55722.78125	505322.3	5409864.3
L5320.1	505322.3	5409865.6	18948.50000	364.48	0	48.841741	-86.927463	56007.53	56232.1	17.88	56025.40	56109.22266	55590.50299	55705.33203	505322.3	5409865.6
L5320.1	505322.3	5409865.6	18948.59961	364.55	0	48.841741	-86.927463	56003.38	56232.1	17.87	56021.25	56105.48047	55563.34231	55678.90234	505322.3	5409865.6
L5320.1	505322.3	5409867.1	18948.69922	365.42	0	48.841754	-86.927463	55999.86	56232.1	17.87	56017.74	56102.36328	55550.23420	55666.51172	505322.3	5409867.1
L5320.1	505322.3	5409868.1	18948.80078	366.16	0	48.841763	-86.927463	55995.87	56232.1	17.87	56013.74	56098.75000	55524.30122	55641.28516	505322.3	5409868.1
L5320.1	505322.3	5409869.3	18948.90039	369.79	0	48.841773	-86.927463	55992.48	56232.1	17.87	56010.35	56095.73438	55511.65413	55629.33594	505322.3	5409869.3

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5320.1	505322.3	5409869.3	18949.00000	368.30	0	48.841773	-86.927463	55988.76	56232.1	17.87	56006.63	56092.38281	55489.93227	55608.30078	505322.3	5409869.3
L5320.1	505322.3	5409870.9	18949.09961	363.51	0	48.841788	-86.927463	55985.50	56232.1	17.87	56003.37	56089.47656	55477.88271	55596.92969	505322.3	5409870.9
L5320.1	505322.3	5409872.1	18949.19922	360.49	0	48.841799	-86.927463	55982.11	56232.1	17.87	55999.98	56086.43359	55461.46347	55581.17578	505322.3	5409872.1
L5320.1	505322.3	5409873.3	18949.30078	361.09	0	48.841810	-86.927463	55979.15	56232.1	17.88	55997.02	56083.80859	55453.95893	55574.32422	505322.3	5409873.3
L5320.1	505322.3	5409873.3	18949.40039	359.04	0	48.841810	-86.927463	55976.26	56232.1	17.88	55994.14	56081.25391	55447.03214	55568.04688	505322.3	5409873.3
L5320.1	505322.3	5409874.8	18949.50000	360.00	0	48.841823	-86.927463	55973.13	56232.1	17.88	55991.01	56078.44141	55432.82261	55554.47656	505322.3	5409874.8
L5320.1	505322.3	5409874.8	18949.59961	356.50	0	48.841823	-86.927463	55969.94	56232.1	17.88	55987.82	56075.55859	55415.82684	55538.10938	505322.3	5409874.8
L5320.1	505322.3	5409876.2	18949.69922	356.11	0	48.841836	-86.927464	55966.96	56232.1	17.88	55984.84	56072.87109	55402.44344	55525.34375	505322.3	5409876.2
L5320.1	505322.3	5409877.4	18949.80078	357.78	0	48.841846	-86.927464	55964.58	56232.1	17.89	55982.46	56070.77734	55401.92365	55525.42969	505322.3	5409877.4
L5320.1	505322.2	5409878.6	18949.90039	355.96	0	48.841857	-86.927464	55961.70	56232.1	17.89	55979.58	56068.17188	55388.11604	55512.22656	505322.2	5409878.6
L5320.1	505322.2	5409879.8	18950.00000	355.44	0	48.841868	-86.927464	55959.59	56232.1	17.89	55977.48	56066.33984	55391.42175	55516.12500	505322.2	5409879.8
L5320.1	505322.2	5409880.9	18950.09961	356.50	0	48.841878	-86.927464	55956.96	56232.1	17.89	55974.85	56063.96484	55380.70211	55505.99219	505322.2	5409880.9
L5320.1	505322.2	5409880.9	18950.19922	365.58	0	48.841878	-86.927464	55954.56	56232.1	17.89	55972.45	56061.81250	55374.00513	55499.86719	505322.2	5409880.9
L5320.1	505322.2	5409882.3	18950.30078	366.37	0	48.841890	-86.927464	55952.54	56232.1	17.88	55970.42	56060.01563	55374.64826	55501.07813	505322.2	5409882.3
L5320.1	505322.2	5409883.6	18950.40039	371.76	0	48.841902	-86.927464	55950.59	56232.1	17.88	55968.47	56058.29297	55375.73301	55502.72266	505322.2	5409883.6
L5320.1	505322.2	5409884.7	18950.50000	371.76	0	48.841912	-86.927464	55948.87	56232.1	17.88	55966.75	56056.78906	55380.81704	55508.36328	505322.2	5409884.7
L5320.1	505322.3	5409885.8	18950.59961	373.07	0	48.841922	-86.927464	55946.87	56232.1	17.88	55964.75	56054.99219	55377.77704	55505.86719	505322.3	5409885.8
L5320.1	505322.3	5409885.8	18950.69922	364.95	0	48.841922	-86.927464	55945.15	56232.1	17.88	55963.03	56053.46875	55379.91528	55508.54297	505322.3	5409885.8
L5320.1	505322.3	5409887.0	18950.80078	365.43	0	48.841933	-86.927463	55943.31	56232.1	17.87	55961.18	56051.80469	55377.48711	55506.64453	505322.3	5409887.0
L5320.1	505322.3	5409887.0	18950.90039	376.14	0	48.841933	-86.927463	55941.91	56232.1	17.87	55959.79	56050.58984	55384.51015	55514.19141	505322.3	5409887.0
L5320.1	505322.3	5409888.4	18951.00000	376.87	0	48.841946	-86.927463	55940.42	56232.1	17.87	55958.29	56049.25781	55387.44051	55517.63672	505322.3	5409888.4
L5320.1	505322.3	5409889.4	18951.09961	377.28	0	48.841955	-86.927462	55939.26	56232.1	17.87	55957.13	56048.25391	55396.97175	55527.67969	505322.3	5409889.4
L5320.1	505322.3	5409889.4	18951.19922	377.12	0	48.841955	-86.927462	55937.71	56232.1	17.87	55955.59	56046.86328	55395.99825	55527.21094	505322.3	5409889.4
L5320.1	505322.4	5409890.7	18951.30078	375.07	0	48.841966	-86.927462	55936.40	56232.1	17.87	55954.27	56045.67969	55398.78014	55530.48828	505322.4	5409890.7
L5320.1	505322.4	5409891.5	18951.40039	373.60	0	48.841973	-86.927462	55935.21	56232.1	17.87	55953.09	56044.62891	55403.42122	55535.61719	505322.4	5409891.5
L5320.1	505322.4	5409892.6	18951.50000	373.24	0	48.841984	-86.927462	55934.00	56232.1	17.88	55951.87	56043.52734	55405.65032	55538.33203	505322.4	5409892.6
L5320.1	505322.4	5409893.6	18951.59961	372.35	0	48.841992	-86.927462	55933.19	56232.1	17.88	55951.06	56042.82422	55416.16684	55549.32813	505322.4	5409893.6
L5320.1	505322.4	5409893.6	18951.69922	375.31	0	48.841992	-86.927462	55932.05	56232.1	17.88	55949.92	56041.78516	55417.39563	55551.02734	505322.4	5409893.6
L5320.1	505322.4	5409894.6	18951.80078	373.81	0	48.842001	-86.927462	55931.54	56232.1	17.88	55949.42	56041.37891	55432.39396	55566.48828	505322.4	5409894.6
L5320.1	505322.4	5409895.5	18951.90039	377.05	0	48.842009	-86.927462	55930.56	56232.1	17.88	55948.44	56040.48047	55434.55958	55569.11328	505322.4	5409895.5
L5320.1	505322.4	5409896.6	18952.00000	378.99	0	48.842020	-86.927462	55930.15	56232.1	17.88	55948.03	56040.14063	55448.85266	55583.86328	505322.4	5409896.6
L5320.1	505322.4	5409896.6	18952.09961	377.08	0	48.842020	-86.927462	55929.46	56232.1	17.88	55947.35	56039.52344	55455.32595	55590.78516	505322.4	5409896.6
L5320.1	505322.4	5409897.6	18952.19922	376.41	0	48.842028	-86.927462	55929.42	56232.1	17.88	55947.30	56039.53125	55475.37734	55611.27734	505322.4	5409897.6
L5320.1	505322.4	5409898.8	18952.30078	373.59	0	48.842039	-86.927462	55929.16	56232.1	17.89	55947.05	56039.32422	55489.29899	55625.63281	505322.4	5409898.8
L5320.1	505322.4	5409898.8	18952.40039	371.48	0	48.842039	-86.927462	55928.91	56232.1	17.89	55946.80	56039.11328	55501.85778	55638.62109	505322.4	5409898.8
L5320.1	505322.4	5409899.7	18952.50000	373.35	0	48.842047	-86.927462	55928.78	56232.1	17.89	55946.67	56039.01172	55515.92047	55653.10938	505322.4	5409899.7
L5320.1	505322.3	5409900.8	18952.59961	375.09	0	48.842057	-86.927463	55928.61	56232.1	17.89	55946.50	56038.85938	55527.70151	55665.30859	505322.3	5409900.8
L5320.1	505322.3	5409900.8	18952.69922	374.76	0	48.842057	-86.927463	55928.61	56232.1	17.89	55946.50	56038.87109	55542.20765	55680.22656	505322.3	5409900.8
L5320.1	505322.3	5409901.9	18952.80078	376.31	0	48.842067	-86.927463	55928.46	56232.1	17.90	55946.35	56038.72656	55551.85292	55690.27734	505322.3	5409901.9
L5320.1	505322.3	5409902.8	18952.90039	376.35	0	48.842076	-86.927463	55928.78	56232.1	17.90	55946.68	56039.05078	55571.62500	55710.44922	505322.3	5409902.8
L5320.1	505322.3	5409902.8	18953.00000	378.25	0	48.842076	-86.927463	55928.82	56232.1	17.90	55946.72	56039.07422	55583.24667	55722.46875	505322.3	5409902.8
L5320.1	505322.3	5409904.0	18953.09961	375.09	0	48.842086	-86.927463	55929.04	56232.1	17.90	55946.94	56039.27344	55597.90491	55737.51563	505322.3	5409904.0
L5320.1	505322.3	5409904.0	18953.19922	375.93	0	48.842086	-86.927463	55929.02	56232.1	17.89	55946.91	56039.21484	55605.40230	55745.39453	505322.3	5409904.0
L5320.1	505322.3	5409905.0	18953.30078	378.85	0	48.842094	-86.927464	55929.52	56232.1	17.89	55947.41	56039.67578	55624.29266	55764.65625	505322.3	5409905.0
L5320.1	505322.3	5409905.9	18953.40039	379.72	0	48.842103	-86.927464	55929.80	56232.1	17.89	55947.68	56039.90234	55636.53825	55777.27344	505322.3	5409905.9
L5320.1	505322.3	5409906.7	18953.50000	381.23	0	48.842110	-86.927463	55929.70	56232.1	17.89	55947.58	56039.75000	55638.83347	55779.92969	505322.3	5409906.7
L5320.1	505322.3	5409907.6	18953.59961	379.00	0	48.842118	-86.927463	55930.10	56232.1	17.88	55947.98	56040.08984	55651.87170	55793.32422	505322.3	5409907.6
L5320.1	505322.3	5409907.6	18953.69922	378.18	0	48.842118	-86.927463	55930.61	56232.1	17.88	55948.49	56040.53125	55666.40765	55808.21094	505322.3	5409907.6
L5320.1	505322.3	5409907.6	18953.80078	380.14	0	48.842118	-86.927463	55931.06	56232.1	17.88	55948.94	56040.90625	55678.42366	55820.56641	505322.3	5409907.6
L5320.1	505322.3	5409908.3	18953.90039	376.42	0	48.842125	-86.927463	55931.64	56232.1	17.87	55949.52	56041.40234	55692.45621	55834.93359	505322.3	5409908.3
L5320.1	505322.3	5409909.1	18954.00000	374.35	0	48.842132	-86.927463	55932.07	56232.1	17.87	55949.94	56041.73438	55701.63659	55844.44141	505322.3	5409909.1
L5320.1	505322.3	5409909.7	18954.09961	375.73	0	48.842137	-86.927462	55932.71	56232.1	17.87	55950.58	56042.27734	55715.01605	55858.14453	505322.3	5409909.7
L5320.1	505322.3	5409909.7	18954.19922	372.93	0	48.842137	-86.927462	55933.82	56232.1	17.87	55951.69	56043.28125	55738.55692	55881.99609	505322.3	5409909.7
L5320.1	505322.3	5409910.4	18954.30078	372.85	0	48.842144	-86.927462	55934.48	56232.1	17.88	55952.35	56043.83203	55750.42110	55894.16406	505322.3	5409910.4
L5320.1	505322.3	5409911.1	18954.40039	370.42	0	48.842150	-86.927462	55935.59	56232.1	17.88	55953.47	56044.83594	55772.25314	55916.28906	505322.3	5409911.1
L5320.1	505322.3	5409911.1	18954.50000	366.62	0	48.842150	-86.927462	55936.07	56232.1	17.88	55953.95	56045.19141	55777.93777	55922.26172	505322.3	5409911.1
L5320.1	505322.4	5409911.8	18954.59961	366.38	0	48.842156	-86.927462	55937.21	56232.1	17.88	55955.09	56046.19922	55798.38609	55942.99219	505322.4	5409911.8
L5320.1	505322.4	5409912.5	18954.69922	371.30	0	48.842163	-86.927462	55937.92	56232.1	17.88	55955.80	56046.77344	55807.72012	55952.59375	505322.4	5409912.5
L5320.1	505322.4	5409912.5	18954.80078	372.70	0	48.842163	-86.927462	55939.08	56232.1	17.89	55956.96	56047.78906	55826.87088	55972.00391	505322.4	5409912.5
L5320.1	505322.3	5409913.1	18954.90039	374.78	0	48.842168	-86.927462	55939.91	56232.1	17.89	55957.80	56048.48047	55837.56345	55982.94922	505322.3	5409913.1
L5320.1	505322.3	5409913.8	18955.00000	374.35	0	48.842174	-86.927462	55940.77	56232.1	17.89	55958.66	56049.18359	55847.89734	55993.52734	505322.3	5409913.8
L5320.1	505322.3	5409914.4	18955.09961	375.77	0	48.842179	-86.927462	55941.43	56232.1	17.89	55959.32	56049.68359	55852.66555	55998.52734	505322.3	5409914.4
L5320.1	505322.3	5409914.9	18955.19922	375.85	0	48.842184	-86.927463	55942.39	56232.1	17.89	55960.28	56050.47656	55863.76866	56009.85156	505322.3	5409914.9
L5320.1	505322.3	5409914.9	18955.30078	375.85	0	48.842184	-86.927463	55943.41	56232.1	17.89	55961.29	56051.31250	55875.28609	56021.57813	505322.3	5409914.9
L5320.1	505322.3	5409915.7	18955.40039	377.52	0	48.842191	-86.927463	55944.59	56232.1	17.89	55962.48	56052.32422	55890.32599	56036.82031	505322.3	5409915.7
L5320.1	505322.2	5409916.2	18955.50000	376.67	0	48.842196	-86.927464	55945.56	56232.1	17.88	55963.44	56053.09766	55899.16513	56045.84766	505322.2	5409916.2
L5320.1	505322.2	5409916.2	18955.59961	377.83	0	48.842196	-86.927464	55946.29	56232.1	17.88	55964.17	56053.63672	55901.82180	56048.68359	505322.2	5409916.2
L5320.1	505322.2	5409916.8	18955.69922	376.93	0	48.842201	-86.927464	55947.22	56232.1	17.88	55965.11	56054.38281	55908.76867	56055.79688	505322.2	5409916.8
L5320.1	505322.1	5409917.2	18955.80078	374.77	0	48.842205	-86.927465	55948.46	56232.1	17.88	55966.34	56055.41016	55921.92386	56069.10547	505322.1	5409917.2
L5320.1	505322.1	5409917.7	18955.90039	374.20	0	48.842209	-86.927466	55949.20	56232.1	17.88	55967.08	56055.94531	55922.77049	56070.09375	505322.1	5409917.7
L5320.1	505322.1	5409917.7	18956.00000	374.12	0	48.842209	-86.927466	55950.54	56232.1	17.88	55968.42	56057.07422	55937.22424	56084.67578	505322.1	5409917.7
L5320.1	505322.0	5409918.3	18956.09961	373.32	0	48.842215	-86.927467	55951.35	56232.1	17.88	55969.23	56057.66406	55938.45069	56086.01953	505322.0	5409918.3
L5320.1	505322.0	5409918.3	18956.19922	375.57	0	48.842215	-86.927467	55952.46	56232.1	17.88	55970.34	56058.55469	55946.18646	56093.85938	505322.0	5409918.3
L5320.1	505322.0	5409918.8	18956.30078	374.23	0	48.842219	-86.927467	55953.38	56232.1	17.88	55971.26	56059.25000	55948.80299	56096.56250	505322.0	5409918.8
L5320.1	505321.9	5409919.1	18956.40039	371.51	0	48.842222	-86.927468	55953.95	56232.1	17.88	55971.84	56059.59766	55942.74984	56090.58594	505321.9	5409919.1
L5320.1	505321.9	5409919.5	18956.50000	370.41	0	48.842225	-86.927468	55954.66	56232.1	17.89	55972.55	56060.07031	55939.20779	56087.10547	505321.9	5409919.5
L5320.1	505321.9	5409919.5	18956.59961	367.46	0	48.842225	-86.927468	55955.57	56232.1	17.89	55973.46	56060.74219	55939.85255	56087.79688	505321.9	5409919.5
L5320.1	505321.8	5409919.9	18956.69922	370.33	0	48.842229	-86.927469	55956.34	56232.1	17.89	55974.22	56061.25391	55936.37957	56084.35547	505321.8	5409919.9
L5320.1	505321.8	5409920.2	18956.80078	373.48	0	48.842232	-86.927469	55957.02	56232.1	17.89	55974.90	56061.68750	55930.46327	56078.45703	505321.8	5409920.2
L5320.1	505321.8	5409920.6	18956.90039	374.40	0	48.842235	-86.927470	55957.77	56232.1	17.89	55975.66	56062.19141	55925.91591	56073.91016	505321.8	5409920.6
L5320.1	505321.8	5409920.6	18957.00000	373.77	0	48.842235	-86.927470	55958.56	56232.1	17.89	55976.45	56062.72266	55921.55929	56069.53906	505321.8	5409920.6
L5320.1	505321.8	5409920.9	18957.09961	372.93	0	48.842238	-86.927470	55959.24	56232.1	17.89	55977.13	56063.14063	55914.07608	56062.02344	505321.8	5409920.9
L5320.1	505321.8	5409921.2	18957.19922	372.81	0	48.842241	-86.927470	55960.15	56232.1	17.89	55978.04	56063.78516	55911.55359	56059.45313	505321.8	5409921.2
L5320.1	505321.8	5409921.2	18957.30078	373.22	0	48.842241	-86.927470	55960.98	56232.1	17.88	55978.87	56064.34375	55906.63382	56054.46875	505321.8	5409921.2
L5320.1	505321.7	5409921.5	18957.40039	373.14	0	48.842243	-86.927470	55961.44	56232.1	17.88	55979.32	56064.51953	55892.19576	56039.94922	505321.7	5409921.5
L5320.1	505321.7	5409921.5	18957.50000	375.22	0	48.842243	-86.927470	55962.02	56232.1	17.88	55979.90	56064.82031	55880.36422	56028.02344	505321.7	5409921.5
L5320.1	505321.7	5409921.7	18957.59961	374.46	0	48.842245	-86.927470	55962.76	56232.1	17.88	55980.64	56065.28125	55871.85812	56019.40234	505321.7	5409921.7
L5320.1	505321.7	5409921.8	18957.69922	369.80	0	48.842246	-86.927470	55963.04	56232.1	17.88	55980.91	56065.26563	55851.71347	55999.12109	505321.7	5409921.8
L5320.1	505321.7	5409921.8	18957.80078	370.12	0	48.842246	-86.927470	55963.29	56232.1	17.87	55981.16	56065.22266	55830.62766	55977.88281	505321.7	5409921.8
L5320.1	505321.7	5409922.0	18957.90039	376.80	0	48.842248	-86.927470	55963.59	56232.1	17.87	55981.46	56065.23047	55810.26830	55957.35547	505321.7	5409922.0
L5320.1	505321.7	5409922.2	18958.00000	375.29	0	48.842249	-86.927470	55963.70	56232.1	17.87	55981.57	56065.04297	55784.93654	55931.83594	505321.7	5409922.2
L5320.1	505321.7	5409922.3	18958.09961	376.35	0	48.842250	-86.927471	55963.14	56232.1	17.87	55981.01	56064.18359	55743.23036	55889.92188	505321.7	5409922.3
L5320.1	505321.7	5409922.3	18958.19922	374.43	0	48.842250	-86.927471	55962.93	56232.1	17.87	55980.80	56063.67188	55709.38881	55855.85547	505321.7	5409922.3

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5320.1	505321.7	5409922.4	18958.30078	373.90	0	48.842251	-86.927471	55962.40	56232.1	17.87	55980.27	56062.83203	55667.49426	55813.71484	505321.7	5409922.4
L5320.1	505321.7	5409922.5	18958.40039	374.39	0	48.842252	-86.927471	55962.18	56232.1	17.87	55980.05	56062.30469	55632.51803	55778.47266	505321.7	5409922.5
L5320.1	505321.7	5409922.6	18958.50000	374.64	0	48.842253	-86.927471	55962.07	56232.1	17.87	55979.94	56061.87891	55599.70929	55745.37891	505321.7	5409922.6
L5320.1	505321.7	5409922.7	18958.59961	372.91	0	48.842254	-86.927471	55962.68	56232.1	17.87	55980.55	56062.17188	55583.56328	55728.92969	505321.7	5409922.7
L5320.1	505321.7	5409922.7	18958.69922	374.35	0	48.842254	-86.927471	55963.89	56232.1	17.87	55981.76	56063.06250	55581.22928	55726.27344	505321.7	5409922.7
L5320.1	505321.7	5409922.7	18958.80078	372.08	0	48.842254	-86.927471	55964.98	56232.1	17.87	55982.85	56063.82813	55575.59960	55720.29688	505321.7	5409922.7
L5320.1	505321.7	5409923.0	18958.90039	371.79	0	48.842257	-86.927471	55966.30	56232.1	17.87	55984.17	56064.82422	55574.99055	55719.32422	505321.7	5409923.0
L5320.1	505321.7	5409923.0	18959.00000	371.49	0	48.842257	-86.927471	55967.16	56232.1	17.87	55985.03	56065.35547	55563.00662	55706.95703	505321.7	5409923.0
L5320.1	505321.7	5409923.2	18959.09961	371.37	0	48.842259	-86.927471	55968.55	56232.1	17.87	55986.42	56066.41406	55563.17061	55706.71484	505321.7	5409923.2
L5320.1	505321.7	5409923.2	18959.19922	372.22	0	48.842259	-86.927471	55969.54	56232.1	17.87	55987.41	56067.06641	55553.38388	55696.50391	505321.7	5409923.2
L5320.1	505321.7	5409923.5	18959.30078	373.41	0	48.842261	-86.927471	55970.82	56232.1	17.87	55988.69	56068.01172	55550.04044	55692.71484	505321.7	5409923.5
L5320.1	505321.7	5409923.5	18959.40039	371.62	0	48.842261	-86.927471	55972.04	56232.1	17.87	55989.90	56068.87891	55544.58507	55686.79297	505321.7	5409923.5
L5320.1	505321.6	5409923.7	18959.50000	373.14	0	48.842263	-86.927471	55973.54	56232.1	17.86	55991.40	56070.03906	55545.57031	55687.28906	505321.6	5409923.7
L5320.1	505321.6	5409923.7	18959.59961	372.37	0	48.842263	-86.927471	55974.80	56232.1	17.86	55992.66	56070.95313	55540.40129	55681.61328	505321.6	5409923.7
L5320.1	505321.6	5409923.9	18959.69922	373.06	0	48.842265	-86.927472	55976.32	56232.1	17.86	55994.18	56072.12500	55540.95688	55681.64063	505321.6	5409923.9
L5320.1	505321.6	5409924.1	18959.80078	374.85	0	48.842267	-86.927472	55978.34	56232.1	17.86	55996.20	56073.79297	55552.93808	55693.07031	505321.6	5409924.1
L5320.1	505321.6	5409924.4	18959.90039	376.01	0	48.842269	-86.927472	55980.21	56232.1	17.86	55998.07	56075.31250	55560.89848	55700.46094	505321.6	5409924.4
L5320.1	505321.6	5409924.4	18960.00000	376.47	0	48.842269	-86.927472	55982.00	56232.1	17.86	55999.86	56076.74609	55566.49966	55705.46875	505321.6	5409924.4
L5320.1	505321.6	5409924.6	18960.09961	376.87	0	48.842271	-86.927473	55984.26	56232.1	17.86	56002.12	56078.64844	55582.80853	55721.16797	505321.6	5409924.6
L5320.1	505321.5	5409924.8	18960.19922	378.54	0	48.842273	-86.927473	55986.66	56232.1	17.86	56004.52	56080.68750	55601.98234	55739.70703	505321.5	5409924.8
L5320.1	505321.5	5409925.1	18960.30078	379.23	0	48.842275	-86.927473	55988.73	56232.1	17.86	56006.59	56082.39453	55612.85188	55749.92578	505321.5	5409925.1
L5320.1	505321.5	5409925.1	18960.40039	378.25	0	48.842275	-86.927473	55991.24	56232.1	17.86	56009.10	56084.54297	55633.71176	55770.10938	505321.5	5409925.1
L5320.1	505321.5	5409925.4	18960.50000	378.25	0	48.842278	-86.927474	55993.64	56232.1	17.86	56011.50	56086.57422	55651.49218	55787.19922	505321.5	5409925.4
L5320.1	505321.4	5409925.7	18960.59961	380.04	0	48.842281	-86.927475	55995.69	56232.1	17.86	56013.55	56088.25391	55660.48941	55795.48047	505321.4	5409925.7
L5320.1	505321.4	5409925.7	18960.69922	380.25	0	48.842281	-86.927475	55998.04	56232.1	17.86	56015.90	56090.23438	55676.14727	55810.40625	505321.4	5409925.7
L5320.1	505321.4	5409926.0	18960.80078	380.57	0	48.842284	-86.927475	55999.99	56232.1	17.86	56017.85	56091.81250	55681.83241	55815.33594	505321.4	5409926.0
L5320.1	505321.3	5409926.3	18960.90039	372.24	0	48.842286	-86.927476	56002.77	56232.1	17.86	56020.63	56094.21875	55706.77050	55839.50000	505321.3	5409926.3
L5320.1	505321.3	5409926.3	18961.00000	373.10	0	48.842286	-86.927476	56004.79	56232.1	17.86	56022.65	56095.85938	55713.18141	55845.11719	505321.3	5409926.3
L5320.1	505321.3	5409926.6	18961.09961	372.39	0	48.842289	-86.927476	56007.31	56232.1	17.86	56025.17	56098.00000	55731.00424	55862.12891	505321.3	5409926.6
L5320.1	505321.3	5409926.9	18961.19922	370.22	0	48.842292	-86.927476	56009.40	56232.1	17.86	56027.26	56099.71094	55738.14174	55868.43359	505321.3	5409926.9
L5320.1	505321.3	5409927.2	18961.30078	369.61	0	48.842295	-86.927476	56011.50	56232.1	17.86	56029.36	56101.42969	55745.04961	55874.49219	505321.3	5409927.2
L5320.1	505321.3	5409927.2	18961.40039	371.85	0	48.842295	-86.927476	56013.95	56232.1	17.86	56031.81	56103.49609	55759.80785	55888.38281	505321.3	5409927.2
L5320.1	505321.3	5409927.5	18961.50000	371.17	0	48.842298	-86.927477	56016.46	56232.1	17.86	56034.32	56105.62109	55775.52733	55903.21484	505321.3	5409927.5
L5320.1	505321.3	5409927.5	18961.59961	372.37	0	48.842298	-86.927477	56018.78	56232.1	17.86	56036.64	56107.55078	55786.26980	55913.05078	505321.3	5409927.5
L5320.1	505321.3	5409927.9	18961.69922	373.34	0	48.842301	-86.927477	56021.06	56232.1	17.86	56038.92	56109.44141	55795.60182	55921.46094	505321.3	5409927.9
L5320.1	505321.3	5409928.2	18961.80078	374.21	0	48.842303	-86.927477	56023.34	56232.1	17.86	56041.20	56111.33203	55804.47664	55929.39844	505321.3	5409928.2
L5320.1	505321.3	5409928.4	18961.90039	374.44	0	48.842305	-86.927477	56025.54	56232.1	17.86	56043.40	56113.14063	55810.99665	55934.96094	505321.3	5409928.4
L5320.1	505321.3	5409928.4	18962.00000	375.13	0	48.842305	-86.927477	56028.07	56232.1	17.86	56045.93	56115.27734	55824.90759	55947.89844	505321.3	5409928.4
L5320.1	505321.3	5409928.8	18962.09961	377.45	0	48.842309	-86.927476	56030.88	56232.1	17.86	56048.74	56117.69141	55845.02557	55967.02734	505321.3	5409928.8
L5320.1	505321.3	5409928.8	18962.19922	376.88	0	48.842309	-86.927476	56033.61	56232.1	17.86	56051.47	56120.02734	55862.80125	55983.80078	505321.3	5409928.8
L5320.1	505321.3	5409929.5	18962.30078	371.17	0	48.842316	-86.927476	56035.81	56232.1	17.86	56053.67	56121.82813	55867.54726	55987.52344	505321.3	5409929.5
L5320.1	505321.3	5409929.5	18962.40039	371.03	0	48.842316	-86.927476	56037.93	56232.1	17.86	56055.79	56123.55078	55869.96166	55988.90625	505321.3	5409929.5
L5320.1	505321.3	5409929.8	18962.50000	375.16	0	48.842318	-86.927476	56040.36	56232.1	17.86	56058.22	56125.58203	55879.31730	55997.21094	505321.3	5409929.8
L5320.1	505321.3	5409929.8	18962.59961	376.30	0	48.842318	-86.927476	56042.92	56232.1	17.86	56060.78	56127.73828	55891.34374	56008.17188	505321.3	5409929.8
L5320.1	505321.4	5409930.1	18962.69922	375.44	0	48.842321	-86.927475	56045.27	56232.1	17.86	56063.13	56129.68750	55897.96925	56013.72266	505321.4	5409930.1
L5320.1	505321.4	5409930.4	18962.80078	376.83	0	48.842324	-86.927475	56047.70	56232.1	17.86	56065.56	56131.71484	55906.09203	56020.75781	505321.4	5409930.4
L5320.1	505321.4	5409930.8	18962.90039	378.49	0	48.842327	-86.927474	56050.50	56232.1	17.86	56068.36	56134.10938	55922.61079	56036.17188	505321.4	5409930.8
L5320.1	505321.4	5409930.8	18963.00000	375.28	0	48.842327	-86.927474	56052.83	56232.1	17.86	56070.69	56136.03516	55927.57469	56040.02344	505321.4	5409930.8
L5320.1	505321.4	5409931.1	18963.09961	387.79	0	48.842329	-86.927474	56055.41	56232.1	17.86	56073.27	56138.21094	55938.10063	56049.42188	505321.4	5409931.1
L5320.1	505321.5	5409931.4	18963.19922	388.35	0	48.842333	-86.927474	56057.89	56232.1	17.86	56075.75	56140.28125	55945.88163	56056.06641	505321.5	5409931.4
L5320.1	505321.5	5409931.4	18963.30078	374.89	0	48.842333	-86.927474	56060.02	56232.1	17.86	56077.87	56141.99609	55944.74968	56053.78906	505321.5	5409931.4
L5320.1	505321.5	5409931.8	18963.40039	374.59	0	48.842336	-86.927473	56062.90	56232.1	17.86	56080.75	56144.46875	55961.32742	56069.21094	505321.5	5409931.8
L5320.1	505321.5	5409932.2	18963.50000	388.44	0	48.842339	-86.927473	56065.45	56232.1	17.86	56083.31	56146.61719	55969.96368	56076.67969	505321.5	5409932.2
L5320.1	505321.5	5409932.2	18963.59961	388.04	0	48.842339	-86.927473	56067.86	56232.1	17.85	56085.71	56148.60938	55974.47136	56080.01172	505321.5	5409932.2
L5320.1	505321.6	5409932.6	18963.69922	390.91	0	48.842343	-86.927472	56070.41	56232.1	17.85	56088.27	56150.75781	55982.46556	56086.82422	505321.6	5409932.6
L5320.1	505321.6	5409932.9	18963.80078	391.69	0	48.842346	-86.927472	56073.24	56232.1	17.85	56091.09	56153.16797	55996.33436	56099.50391	505321.6	5409932.9
L5320.1	505321.6	5409933.2	18963.90039	390.30	0	48.842349	-86.927472	56075.90	56232.1	17.85	56093.75	56155.41797	56006.11044	56108.08203	505321.6	5409933.2
L5320.1	505321.6	5409933.2	18964.00000	388.82	0	48.842349	-86.927472	56078.54	56232.2	17.85	56096.39	56157.64844	56015.13305	56115.90234	505321.6	5409933.2
L5320.1	505321.7	5409933.7	18964.09961	386.88	0	48.842353	-86.927471	56081.21	56232.2	17.85	56099.06	56159.90625	56024.60329	56124.16406	505321.7	5409933.7
L5320.1	505321.7	5409934.0	18964.19922	385.17	0	48.842356	-86.927471	56083.64	56232.2	17.85	56101.49	56161.92188	56028.11905	56126.46875	505321.7	5409934.0
L5320.1	505321.7	5409934.0	18964.30078	385.84	0	48.842356	-86.927471	56086.32	56232.2	17.85	56104.17	56164.19141	56037.33692	56134.46875	505321.7	5409934.0
L5320.1	505321.7	5409934.4	18964.40039	388.10	0	48.842359	-86.927470	56088.80	56232.2	17.85	56106.65	56166.25781	56041.57839	56137.48828	505321.7	5409934.4
L5320.1	505321.8	5409934.7	18964.50000	389.83	0	48.842362	-86.927470	56091.36	56232.2	17.85	56109.21	56168.40625	56047.51078	56142.19531	505321.8	5409934.7
L5320.1	505321.8	5409934.7	18964.59961	389.39	0	48.842362	-86.927470	56093.91	56232.2	17.85	56111.76	56170.54688	56053.01006	56146.46875	505321.8	5409934.7
L5320.1	505321.8	5409935.1	18964.69922	387.09	0	48.842366	-86.927469	56096.59	56232.2	17.85	56114.44	56172.81250	56061.41748	56153.64844	505321.8	5409935.1
L5320.1	505321.8	5409935.1	18964.80078	386.37	0	48.842366	-86.927469	56099.18	56232.2	17.85	56117.03	56174.99219	56067.52048	56158.52344	505321.8	5409935.1
L5320.1	505321.9	5409935.8	18964.90039	387.90	0	48.842372	-86.927468	56102.11	56232.2	17.85	56119.96	56177.50781	56081.55137	56171.32422	505321.9	5409935.8
L5320.1	505321.9	5409935.8	18965.00000	390.87	0	48.842372	-86.927468	56104.78	56232.2	17.85	56122.63	56179.76563	56089.26874	56177.81250	505321.9	5409935.8
L5320.1	505321.9	5409936.2	18965.09961	391.51	0	48.842375	-86.927468	56107.20	56232.1	17.85	56125.05	56181.77344	56090.92552	56178.23828	505321.9	5409936.2
L5320.1	505321.9	5409936.6	18965.19922	394.37	0	48.842379	-86.927468	56109.56	56232.1	17.85	56127.42	56183.73438	56091.28933	56177.37500	505321.9	5409936.6
L5320.1	505321.9	5409936.6	18965.30078	394.21	0	48.842379	-86.927468	56112.02	56232.1	17.85	56129.88	56185.78125	56093.70224	56178.56250	505321.9	5409936.6
L5320.1	505321.9	5409937.0	18965.40039	394.50	0	48.842383	-86.927467	56114.50	56232.1	17.85	56132.35	56187.84375	56096.27889	56179.91797	505321.9	5409937.0
L5320.1	505322.0	5409937.4	18965.50000	397.30	0	48.842386	-86.927467	56117.11	56232.1	17.85	56134.96	56190.04297	56102.12378	56184.54297	505322.0	5409937.4
L5320.1	505322.0	5409937.7	18965.59961	398.37	0	48.842389	-86.927467	56120.04	56232.1	17.86	56137.89	56192.56250	56115.52946	56196.73438	505322.0	5409937.7
L5320.1	505322.0	5409937.7	18965.69922	398.15	0	48.842389	-86.927467	56122.95	56232.1	17.86	56140.80	56195.06250	56128.43271	56208.42578	505322.0	5409937.7
L5320.1	505322.0	5409938.1	18965.80078	399.68	0	48.842393	-86.927467	56125.30	56232.1	17.86	56143.15	56197.00391	56128.01804	56206.80469	505322.0	5409938.1
L5320.1	505322.0	5409938.5	18965.90039	399.92	0	48.842396	-86.927467	56127.56	56232.1	17.86	56145.42	56198.86719	56125.70614	56203.29688	505322.0	5409938.5
L5320.1	505322.0	5409938.5	18966.00000	395.17	0	48.842396	-86.927467	56129.62	56232.1	17.86	56147.48	56200.52344	56118.42335	56194.82031	505322.0	5409938.5
L5320.1	505322.0	5409938.9	18966.09961	395.67	0	48.842400	-86.927467	56132.08	56232.1	17.86	56149.94	56202.57422	56120.67906	56195.89063	505322.0	5409938.9
L5320.1	505322.0	5409939.3	18966.19922	397.27	0	48.842404	-86.927467	56134.74	56232.1	17.86	56152.59	56204.82031	56127.49845	56201.53125	505322.0	5409939.3
L5320.1	505322.0	5409939.3	18966.30078	397.42	0	48.842404	-86.927467	56137.67	56232.1	17.85	56155.53	56207.35547	56141.27243	56214.13281	505322.0	5409939.3
L5320.1	505322.0	5409939.8	18966.40039	395.37	0	48.842408	-86.927467	56139.95	56232.1	17.85	56157.80	56209.22266	56139.20502	56210.90625	505322.0	5409939.8
L5320.1	505322.0	5409940.3	18966.50000	395.58	0	48.842412	-86.927467	56142.52	56232.2	17.85	56160.37	56211.39063	56144.35880	56214.90625	505322.0	5409940.3
L5320.1	505322.0	5409940.3	18966.59961	395.10	0	48.842412	-86.927467	56145.00	56232.2	17.85	56162.85	56213.46875	56147.48111	56216.88672	505322.0	5409940.3
L5320.1	505322.0	5409940.8	18966.69922	397.04	0	48.842417	-86.927467	56147.62	56232.2	17.85	56165.47	56215.68750	56154.05083	56222.32422	505322.0	5409940.8
L5320.1	505322.0	5409940.8	18966.80078	398.43	0	48.842417	-86.927467	56149.98	56232.2	17.84	56167.82	56217.63672	56154.33951	56221.49219	505322.0	5409940.8
L5320.1	505322.0	5409941.2	18966.90039	399.03	0	48.842421	-86.927466	56152.37	56232.2	17.84	56170.21	56219.62891	56155.72632	56221.76953	505322.0	5409941.2
L5320.1	505322.0	5409941.7	18967.00000	399.28	0	48.842425	-86.927466	56154.74	56232.2	17.84	56172.58	56221.60156	56156.79852	56221.74219	505322.0	5409941.7
L5320.1	505322.0	5409941.7	18967.09961	399.36	0	48.842425	-86.927466	56157.07	56232.2	17.84	56174.91	56223.53516	56157.09346	56220.95313	505322.0	5409941.7
L5320.1	505322.0	5409942.0	18967.19922	399.74	0	48.842428	-86.927466	56159.65	56232.2	17.84	56177.49	56225.72266	56163.51402	56226.29688	505322.0	5409942.0
L5320.1	505322.0	5409942.6	18967.30078	402.02	0	48.842433	-86.927466	56161.92	56232.2	17.84	56179.76	56227.59766	56162.76585	56224.49219	505322.0	5409942.6
L5320.1	505322.0	5409942.6	18967.40039	401.37	0	48.842433	-86.927466	56164.28	56232.2	17.84	56182.12	56229.56641	56164.36476	56225.04297	505322.0	5409942.6
L5320.1	505322.0	5409943.0	18967.50000	403.43	0	48.842437	-86.927466	56166.36	56232.2	17.83	56184.19	56231.24609	56159.29255	56218.93750	505322.0	5409943.0

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5320.1	505322.0	5409943.4	18967.59961	403.64	0	48.842440	-86.927466	56168.88	56232.2	17.83	56186.71	56233.37891	56165.14294	56223.76953	505322.0	5409943.4
L5320.1	505322.0	5409943.4	18967.69922	401.13	0	48.842440	-86.927466	56171.22	56232.2	17.83	56189.05	56235.32813	56166.95660	56224.57813	505322.0	5409943.4
L5320.1	505322.0	5409943.7	18967.80078	399.45	0	48.842443	-86.927466	56173.48	56232.2	17.83	56191.31	56237.20313	56167.11929	56223.75000	505322.0	5409943.7
L5320.1	505322.0	5409944.2	18967.90039	400.46	0	48.842447	-86.927466	56175.84	56232.2	17.83	56193.67	56239.17969	56169.91719	56225.57422	505322.0	5409944.2
L5320.1	505322.0	5409944.6	18968.00000	401.82	0	48.842451	-86.927466	56177.89	56232.2	17.83	56195.72	56240.84375	56165.61699	56220.31250	505322.0	5409944.6
L5320.1	505322.0	5409944.6	18968.09961	402.59	0	48.842451	-86.927466	56180.12	56232.2	17.83	56197.95	56242.69531	56165.86984	56219.62109	505322.0	5409944.6
L5320.1	505322.0	5409945.0	18968.19922	402.16	0	48.842455	-86.927467	56182.29	56232.2	17.83	56200.12	56244.48438	56164.98082	56217.80469	505322.0	5409945.0
L5320.1	505322.0	5409945.4	18968.30078	400.45	0	48.842458	-86.927467	56184.68	56232.2	17.83	56202.51	56246.49609	56169.61029	56221.51953	505322.0	5409945.4
L5320.1	505322.0	5409945.7	18968.40039	390.14	0	48.842461	-86.927467	56186.86	56232.2	17.83	56204.69	56248.29688	56169.54772	56220.56250	505322.0	5409945.7
L5320.1	505322.0	5409945.7	18968.50000	390.11	0	48.842461	-86.927467	56189.40	56232.2	17.83	56207.23	56250.46484	56178.34317	56228.47656	505322.0	5409945.7
L5320.1	505322.0	5409946.2	18968.59961	390.83	0	48.842465	-86.927467	56191.65	56232.2	17.84	56209.48	56252.33984	56180.55768	56229.82422	505322.0	5409946.2
L5320.1	505321.9	5409946.5	18968.69922	389.38	0	48.842468	-86.927467	56193.49	56232.2	17.84	56211.33	56253.81641	56173.58277	56222.00391	505321.9	5409946.5
L5320.1	505321.9	5409946.5	18968.80078	388.51	0	48.842468	-86.927467	56195.70	56232.2	17.84	56213.54	56255.65625	56175.48155	56223.07031	505321.9	5409946.5
L5320.1	505321.9	5409946.9	18968.90039	395.97	0	48.842472	-86.927468	56198.13	56232.2	17.84	56215.97	56257.71875	56182.93168	56229.70313	505321.9	5409946.9
L5320.1	505321.9	5409947.4	18969.00000	397.04	0	48.842476	-86.927468	56200.41	56232.2	17.84	56218.25	56259.63281	56187.14528	56233.12109	505321.9	5409947.4
L5320.1	505321.8	5409947.8	18969.09961	398.09	0	48.842479	-86.927469	56202.41	56232.2	17.84	56220.25	56261.26953	56185.03663	56230.22656	505321.8	5409947.8
L5320.1	505321.8	5409947.8	18969.19922	399.09	0	48.842479	-86.927469	56204.57	56232.2	17.84	56222.40	56263.05469	56186.82568	56231.25000	505321.8	5409947.8
L5320.1	505321.8	5409948.1	18969.30078	400.47	0	48.842483	-86.927469	56206.81	56232.2	17.83	56224.64	56264.93359	56191.08899	56234.76172	505321.8	5409948.1
L5320.1	505321.8	5409948.1	18969.40039	401.87	0	48.842483	-86.927469	56208.77	56232.2	17.83	56226.60	56266.53516	56189.03671	56231.97656	505321.8	5409948.1
L5320.1	505321.7	5409949.1	18969.50000	402.01	0	48.842491	-86.927470	56210.72	56232.2	17.83	56228.55	56268.12500	56187.08558	56229.30469	505321.7	5409949.1
L5320.1	505321.7	5409949.1	18969.59961	402.23	0	48.842491	-86.927470	56212.66	56232.2	17.83	56230.49	56269.71094	56185.23640	56226.75000	505321.7	5409949.1
L5320.1	505321.7	5409949.5	18969.69922	401.07	0	48.842495	-86.927470	56214.85	56232.2	17.83	56232.67	56271.53516	56189.42976	56230.25781	505321.7	5409949.5
L5320.1	505321.7	5409949.5	18969.80078	399.97	0	48.842495	-86.927470	56216.99	56232.2	17.82	56234.82	56273.33203	56193.25006	56233.40234	505321.7	5409949.5
L5320.1	505321.7	5409949.9	18969.90039	399.49	0	48.842499	-86.927471	56219.20	56232.2	17.82	56237.03	56275.19141	56198.83527	56238.33203	505321.7	5409949.9
L5320.1	505321.7	5409950.3	18970.00000	400.93	0	48.842502	-86.927471	56221.32	56232.2	17.82	56239.14	56276.95313	56202.38265	56241.23438	505321.7	5409950.3
L5320.1	505321.7	5409950.7	18970.09961	399.08	0	48.842506	-86.927471	56223.29	56232.2	17.82	56241.11	56278.57813	56202.94037	56241.16016	505321.7	5409950.7
L5320.1	505321.7	5409950.7	18970.19922	396.60	0	48.842506	-86.927471	56225.24	56232.2	17.82	56243.06	56280.18359	56203.35800	56240.96484	505321.7	5409950.7
L5320.1	505321.6	5409951.1	18970.30078	397.18	0	48.842510	-86.927471	56226.96	56232.2	17.82	56244.78	56281.55859	56198.64358	56235.64844	505321.6	5409951.1
L5320.1	505321.6	5409951.6	18970.40039	400.21	0	48.842514	-86.927471	56228.91	56232.2	17.82	56246.73	56283.16797	56199.72466	56236.14063	505321.6	5409951.6
L5320.1	505321.6	5409951.9	18970.50000	401.62	0	48.842517	-86.927471	56231.11	56232.2	17.82	56248.93	56285.02734	56207.07360	56242.91406	505321.6	5409951.9
L5320.1	505321.6	5409951.9	18970.59961	401.90	0	48.842517	-86.927471	56233.36	56232.2	17.82	56251.18	56286.94141	56215.93502	56251.21094	505321.6	5409951.9
L5320.1	505321.6	5409952.3	18970.69922	404.34	0	48.842521	-86.927471	56235.39	56232.2	17.82	56253.21	56288.63672	56219.88993	56254.61328	505321.6	5409952.3
L5320.1	505321.6	5409952.7	18970.80078	406.77	0	48.842524	-86.927472	56237.23	56232.2	17.82	56255.05	56290.14063	56219.64737	56253.82813	505321.6	5409952.7
L5320.1	505321.6	5409952.7	18970.90039	408.11	0	48.842524	-86.927472	56239.20	56232.2	17.82	56257.02	56291.78125	56222.80679	56256.45703	505321.6	5409952.7
L5320.1	505321.6	5409953.1	18971.00000	408.73	0	48.842528	-86.927472	56241.23	56232.2	17.82	56259.05	56293.48047	56227.70059	56260.83203	505321.6	5409953.1
L5320.1	505321.6	5409953.4	18971.09961	408.23	0	48.842530	-86.927472	56243.33	56232.2	17.82	56261.15	56295.25000	56234.56181	56267.18359	505321.6	5409953.4
L5320.1	505321.6	5409953.8	18971.19922	409.15	0	48.842534	-86.927472	56245.07	56232.2	17.82	56262.88	56296.65234	56232.93080	56265.05078	505321.6	5409953.8
L5320.1	505321.6	5409953.8	18971.30078	411.87	0	48.842534	-86.927472	56247.04	56232.2	17.81	56264.85	56298.30078	56237.29682	56268.92578	505321.6	5409953.8
L5320.1	505321.6	5409954.4	18971.40039	412.29	0	48.842540	-86.927472	56248.91	56232.2	17.81	56266.72	56299.84766	56239.57594	56270.72266	505321.6	5409954.4
L5320.1	505321.6	5409954.7	18971.50000	411.89	0	48.842542	-86.927472	56250.94	56232.2	17.81	56268.75	56301.55469	56245.94071	56276.61328	505321.6	5409954.7
L5320.1	505321.6	5409955.1	18971.59961	412.61	0	48.842545	-86.927472	56252.68	56232.2	17.81	56270.49	56302.97656	56245.69319	56275.89844	505321.6	5409955.1
L5320.1	505321.6	5409955.1	18971.69922	411.98	0	48.842545	-86.927472	56254.61	56232.2	17.81	56272.42	56304.58984	56250.23311	56279.97656	505321.6	5409955.1
L5320.1	505321.6	5409955.4	18971.80078	411.78	0	48.842549	-86.927471	56256.58	56232.2	17.80	56274.38	56306.23438	56255.75300	56285.03906	505321.6	5409955.4
L5320.1	505321.6	5409956.0	18971.90039	412.64	0	48.842554	-86.927471	56258.46	56232.2	17.80	56276.26	56307.80078	56259.63341	56288.46875	505321.6	5409956.0
L5320.1	505321.6	5409956.0	18972.00000	412.49	0	48.842554	-86.927471	56260.53	56232.2	17.80	56278.33	56309.55859	56268.28399	56296.67578	505321.6	5409956.0
L5320.1	505321.6	5409956.3	18972.09961	412.97	0	48.842557	-86.927471	56262.65	56232.2	17.80	56280.45	56311.36719	56278.37233	56306.32422	505321.6	5409956.3
L5320.1	505321.7	5409956.7	18972.19922	410.62	0	48.842560	-86.927471	56264.44	56232.2	17.80	56282.23	56312.83984	56280.62576	56308.14063	505321.7	5409956.7
L5320.1	505321.7	5409957.1	18972.30078	410.85	0	48.842563	-86.927471	56265.96	56232.2	17.79	56283.76	56314.06250	56277.17689	56304.25781	505321.7	5409957.1
L5320.1	505321.7	5409957.1	18972.40039	409.22	0	48.842563	-86.927471	56267.82	56232.2	17.79	56285.62	56315.61719	56281.80127	56308.45313	505321.7	5409957.1
L5320.1	505321.7	5409957.5	18972.50000	410.28	0	48.842567	-86.927471	56269.70	56232.2	17.79	56287.49	56317.18359	56286.88954	56313.11328	505321.7	5409957.5
L5320.1	505321.7	5409957.9	18972.59961	410.24	0	48.842571	-86.927471	56271.45	56232.2	17.79	56289.24	56318.63281	56289.34702	56315.14063	505321.7	5409957.9
L5320.1	505321.7	5409958.3	18972.69922	409.93	0	48.842574	-86.927471	56273.00	56232.2	17.79	56290.79	56319.88281	56287.26712	56312.63672	505321.7	5409958.3
L5320.1	505321.7	5409958.3	18972.80078	410.12	0	48.842574	-86.927471	56275.05	56232.2	17.78	56292.83	56321.62109	56297.03936	56321.98438	505321.7	5409958.3
L5320.1	505321.7	5409958.6	18972.90039	411.01	0	48.842577	-86.927471	56276.89	56232.2	17.78	56294.67	56323.16797	56302.26315	56326.78125	505321.7	5409958.6
L5320.1	505321.7	5409959.2	18973.00000	410.45	0	48.842582	-86.927471	56278.58	56232.2	17.78	56296.36	56324.56250	56304.12116	56328.21484	505321.7	5409959.2
L5320.1	505321.7	5409959.2	18973.09961	415.21	0	48.842582	-86.927471	56280.48	56232.2	17.78	56298.27	56326.17969	56311.39976	56335.06641	505321.7	5409959.2
L5320.1	505321.7	5409959.6	18973.19922	417.39	0	48.842586	-86.927471	56281.92	56232.2	17.78	56299.70	56327.31641	56307.46115	56330.70313	505321.7	5409959.6
L5320.1	505321.7	5409959.6	18973.30078	418.37	0	48.842586	-86.927471	56283.55	56232.2	17.79	56301.33	56328.65625	56308.45794	56331.26953	505321.7	5409959.6
L5320.1	505321.7	5409960.1	18973.40039	416.52	0	48.842590	-86.927471	56285.54	56232.2	17.79	56303.33	56330.37109	56318.42478	56340.80469	505321.7	5409960.1
L5320.1	505321.7	5409960.4	18973.50000	414.68	0	48.842593	-86.927470	56287.22	56232.2	17.79	56305.01	56331.76563	56320.96205	56342.91016	505321.7	5409960.4
L5320.1	505321.7	5409960.8	18973.59961	411.01	0	48.842597	-86.927470	56288.98	56232.2	17.79	56306.77	56333.23828	56325.56984	56347.08203	505321.7	5409960.8
L5320.1	505321.7	5409961.3	18973.69922	411.78	0	48.842601	-86.927470	56290.95	56232.2	17.79	56308.75	56334.93750	56335.57062	56356.64453	505321.7	5409961.3
L5320.1	505321.7	5409961.3	18973.80078	416.66	0	48.842601	-86.927470	56292.61	56232.2	17.80	56310.40	56336.30469	56337.89194	56358.52344	505321.7	5409961.3
L5320.1	505321.8	5409961.6	18973.90039	417.04	0	48.842604	-86.927470	56294.42	56232.2	17.80	56312.22	56337.84766	56344.41071	56364.59766	505321.8	5409961.6
L5320.1	505321.8	5409961.9	18974.00000	416.60	0	48.842607	-86.927469	56295.93	56232.2	17.80	56313.73	56339.07813	56343.71826	56363.45313	505321.8	5409961.9
L5320.1	505321.8	5409962.3	18974.09961	415.92	0	48.842610	-86.927469	56297.54	56232.2	17.80	56315.34	56340.41406	56345.55351	56364.83594	505321.8	5409962.3
L5320.1	505321.8	5409962.3	18974.19922	412.97	0	48.842610	-86.927469	56299.25	56232.2	17.80	56317.05	56341.84766	56349.91360	56368.73828	505321.8	5409962.3
L5320.1	505321.8	5409962.7	18974.30078	415.07	0	48.842614	-86.927469	56300.75	56232.2	17.80	56318.55	56343.07422	56349.43005	56367.78906	505321.8	5409962.7
L5320.1	505321.8	5409963.0	18974.40039	415.88	0	48.842617	-86.927469	56302.11	56232.2	17.80	56319.91	56344.16406	56345.76382	56363.65625	505321.8	5409963.0
L5320.1	505321.8	5409963.4	18974.50000	415.03	0	48.842620	-86.927469	56303.89	56232.2	17.80	56321.69	56345.67578	56352.21909	56369.64063	505321.8	5409963.4
L5320.1	505321.8	5409963.4	18974.59961	411.57	0	48.842620	-86.927469	56305.63	56232.2	17.80	56323.43	56347.14844	56357.86406	56374.80859	505321.8	5409963.4
L5320.1	505321.8	5409963.8	18974.69922	410.39	0	48.842624	-86.927469	56306.92	56232.2	17.80	56324.72	56348.17188	56352.95525	56369.41797	505321.8	5409963.8
L5320.1	505321.8	5409964.1	18974.80078	419.93	0	48.842627	-86.927469	56308.46	56232.2	17.80	56326.26	56349.44922	56354.12425	56370.10156	505321.8	5409964.1
L5320.1	505321.8	5409964.1	18974.90039	419.18	0	48.842627	-86.927469	56309.84	56232.2	17.80	56327.64	56350.56641	56351.62819	56367.11328	505321.8	5409964.1
L5320.1	505321.8	5409964.6	18975.00000	418.82	0	48.842631	-86.927470	56311.34	56232.2	17.80	56329.14	56351.80859	56352.11959	56367.10938	505321.8	5409964.6
L5320.1	505321.8	5409964.6	18975.09961	417.17	0	48.842631	-86.927470	56312.82	56232.2	17.80	56330.62	56353.02734	56352.27164	56366.75781	505321.8	5409964.6
L5320.1	505321.7	5409965.0	18975.19922	417.64	0	48.842635	-86.927470	56314.43	56232.2	17.80	56332.23	56354.38281	56355.64853	56369.62891	505321.7	5409965.0
L5320.1	505321.7	5409965.4	18975.30078	417.56	0	48.842638	-86.927470	56315.93	56232.2	17.79	56333.73	56355.62500	56356.54793	56370.01953	505321.7	5409965.4
L5320.1	505321.7	5409965.4	18975.40039	419.10	0	48.842638	-86.927470	56317.42	56232.2	17.79	56335.21	56356.85156	56357.10893	56370.06250	505321.7	5409965.4
L5320.1	505321.7	5409965.8	18975.50000	406.08	0	48.842642	-86.927470	56319.07	56232.2	17.79	56336.86	56358.25391	56361.84702	56374.28125	505321.7	5409965.8
L5320.1	505321.7	5409966.3	18975.59961	407.31	0	48.842646	-86.927470	56320.48	56232.2	17.79	56338.26	56359.40234	56360.78374	56372.69141	505321.7	5409966.3
L5320.1	505321.7	5409966.7	18975.69922	417.79	0	48.842650	-86.927470	56322.12	56232.2	17.79	56339.90	56360.79297	56365.56342	56376.94141	505321.7	5409966.7
L5320.1	505321.7	5409966.9	18975.80078	417.14	0	48.842652	-86.927470	56323.48	56232.2	17.78	56341.27	56361.91797	56364.06966	56374.91406	505321.7	5409966.9
L5320.1	505321.7	5409966.9	18975.90039	417.58	0	48.842652	-86.927470	56325.05	56232.2	17.78	56342.83	56363.23438	56367.23450	56377.54297	505321.7	5409966.9
L5320.1	505321.7	5409967.3	18976.00000	421.24	0	48.842655	-86.927471	56326.17	56232.2	17.78	56343.95	56364.11328	56360.09072	56369.85938	505321.7	5409967.3
L5320.1	505321.7	5409967.7	18976.09961	420.91	0	48.842659	-86.927471	56327.52	56232.2	17.78	56345.30	56365.22266	56358.56068	56367.78516	505321.7	5409967.7
L5320.1	505321.7	5409967.7	18976.19922	422.92	0	48.842659	-86.927471	56328.92	56232.2	17.78	56346.70	56366.38281	56358.37010	56367.04688	505321.7	5409967.7
L5320.1	505321.7	5409968.1	18976.30078	423.82	0	48.842663	-86.927471	56330.35	56232.2	17.77	56348.13	56367.57422	56359.04670	56367.17188	505321.7	5409968.1
L5320.1	505321.7	5409968.6	18976.40039	422.91	0	48.842667	-86.927471	56331.56	56232.2	17.77	56349.33	56368.54297	56354.41576	56361.98828	505321.7	5409968.6
L5320.1	505321.7	5409968.6	18976.50000	421.92	0	48.842667	-86.927471	56332.98	56232.2	17.77	56350.75	56369.72656	56355.17312	56362.18750	505321.7	5409968.6
L5320.1	505321.7	5409969.0	18976.59961	422.72	0	48.842670	-86.927471	56334.62	56232.2	17.77	56352.39	56371.13672	56361.32233	56367.78125	505321.7	5409969.0
L5320.1	505321.6	5409969.4	18976.69922	427.06	0	48.842674	-86.927471	56335.96	56232.2	17.77	56353.73	56372.24609	56360.51140	56366.41016	505321.6	5409969.4
L5320.1	505321.6	5409969.4	18976.80078	425.09	0	48.842674	-86.927471	56337.55	56232.2	17.76	56355.32	56373.60938	56365.81282	56371.15234	505321.6	5409969.4

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5320.1	505321.6	5409969.9	18976.90039	424.76	0	48.842678	-86.927471	56338.66	56232.2	17.76	56356.42	56374.48438	56359.64749	56364.42188	505321.6	5409969.9
L5320.1	505321.6	5409970.3	18977.00000	424.50	0	48.842683	-86.927471	56339.95	56232.2	17.76	56357.71	56375.55078	56358.17714	56362.39063	505321.6	5409970.3
L5320.1	505321.6	5409970.3	18977.09961	423.73	0	48.842683	-86.927471	56341.22	56232.2	17.76	56358.98	56376.60156	56356.41632	56360.06641	505321.6	5409970.3
L5320.1	505321.6	5409970.7	18977.19922	423.10	0	48.842686	-86.927471	56342.45	56232.2	17.76	56360.21	56377.60938	56353.89428	56356.98438	505321.6	5409970.7
L5320.1	505321.6	5409971.1	18977.30078	423.07	0	48.842689	-86.927472	56343.63	56232.2	17.75	56361.38	56378.56250	56350.14038	56352.66797	505321.6	5409971.1
L5320.1	505321.6	5409971.4	18977.40039	425.48	0	48.842692	-86.927472	56345.11	56232.2	17.75	56362.86	56379.82422	56353.95089	56355.91797	505321.6	5409971.4
L5320.1	505321.6	5409971.4	18977.50000	425.80	0	48.842692	-86.927472	56346.89	56232.3	17.75	56364.64	56381.39063	56365.09296	56366.50000	505321.6	5409971.4
L5320.1	505321.6	5409971.8	18977.59961	424.44	0	48.842696	-86.927472	56347.91	56232.3	17.75	56365.66	56382.19922	56358.38469	56359.23438	505321.6	5409971.8
L5320.1	505321.6	5409971.8	18977.69922	427.47	0	48.842696	-86.927472	56349.44	56232.3	17.75	56367.19	56383.51953	56364.00749	56364.30078	505321.6	5409971.8
L5320.1	505321.6	5409972.3	18977.80078	430.61	0	48.842700	-86.927472	56350.49	56232.3	17.74	56368.24	56384.36328	56358.44280	56358.18359	505321.6	5409972.3
L5320.1	505321.6	5409972.6	18977.90039	428.23	0	48.842703	-86.927472	56351.69	56232.3	17.74	56369.43	56385.34375	56356.42741	56355.61719	505321.6	5409972.6
L5320.1	505321.5	5409973.0	18978.00000	427.68	0	48.842706	-86.927472	56352.71	56232.3	17.74	56370.45	56386.16016	56350.60030	56349.24219	505321.5	5409973.0
L5320.1	505321.5	5409973.5	18978.09961	422.78	0	48.842711	-86.927472	56354.22	56232.3	17.74	56371.96	56387.46875	56356.64867	56354.75000	505321.5	5409973.5
L5320.1	505321.5	5409973.5	18978.19922	423.17	0	48.842711	-86.927472	56355.64	56232.3	17.74	56373.38	56388.68750	56360.79600	56358.35938	505321.5	5409973.5
L5320.1	505321.6	5409973.7	18978.30078	424.22	0	48.842713	-86.927472	56356.92	56232.3	17.74	56374.66	56389.76953	56361.85906	56358.88672	505321.6	5409973.7
L5320.1	505321.5	5409974.1	18978.40039	425.10	0	48.842717	-86.927472	56358.02	56232.3	17.74	56375.76	56390.67188	56358.89221	56355.39063	505321.5	5409974.1
L5320.1	505321.5	5409974.1	18978.50000	423.67	0	48.842717	-86.927472	56359.32	56232.3	17.74	56377.06	56391.77734	56360.92933	56356.90234	505321.5	5409974.1
L5320.1	505321.6	5409974.5	18978.59961	423.36	0	48.842720	-86.927472	56360.65	56232.3	17.74	56378.39	56392.91406	56363.93566	56359.39063	505321.6	5409974.5
L5320.1	505321.6	5409974.8	18978.69922	424.03	0	48.842723	-86.927472	56361.82	56232.3	17.74	56379.56	56393.89453	56363.40114	56358.34375	505321.6	5409974.8
L5320.1	505321.6	5409974.8	18978.80078	426.66	0	48.842723	-86.927472	56363.07	56232.3	17.74	56380.81	56394.95703	56365.03278	56359.47266	505321.6	5409974.8
L5320.1	505321.6	5409975.1	18978.90039	427.39	0	48.842726	-86.927472	56364.42	56232.3	17.74	56382.16	56396.11719	56369.31009	56363.25000	505321.6	5409975.1
L5320.1	505321.6	5409975.5	18979.00000	428.68	0	48.842729	-86.927471	56365.70	56232.3	17.74	56383.44	56397.21484	56372.19780	56365.64453	505321.6	5409975.5
L5320.1	505321.6	5409975.9	18979.09961	428.87	0	48.842732	-86.927471	56366.59	56232.3	17.74	56384.33	56397.91797	56366.09634	56359.06250	505321.6	5409975.9
L5320.1	505321.6	5409975.9	18979.19922	428.19	0	48.842732	-86.927471	56367.59	56232.3	17.74	56385.33	56398.73828	56362.88999	56355.37891	505321.6	5409975.9
L5320.1	505321.7	5409976.3	18979.30078	431.56	0	48.842736	-86.927471	56368.89	56232.3	17.73	56386.63	56399.85938	56367.09697	56359.12109	505321.7	5409976.3
L5320.1	505321.7	5409976.6	18979.40039	432.51	0	48.842739	-86.927470	56370.19	56232.3	17.73	56387.92	56400.96875	56371.35473	56362.91797	505321.7	5409976.6
L5320.1	505321.7	5409977.0	18979.50000	433.54	0	48.842742	-86.927470	56371.54	56232.3	17.73	56389.27	56402.14453	56377.32973	56368.44531	505321.7	5409977.0
L5320.1	505321.7	5409977.3	18979.59961	433.39	0	48.842746	-86.927470	56372.41	56232.3	17.73	56390.14	56402.83984	56372.19396	56362.87109	505321.7	5409977.3
L5320.1	505321.7	5409977.3	18979.69922	434.45	0	48.842746	-86.927470	56373.58	56232.3	17.73	56391.31	56403.83984	56374.48375	56364.73047	505321.7	5409977.3
L5320.1	505321.7	5409977.8	18979.80078	432.92	0	48.842750	-86.927470	56374.87	56232.3	17.72	56392.59	56404.94922	56379.68697	56369.51563	505321.7	5409977.8
L5320.1	505321.7	5409978.3	18979.90039	432.21	0	48.842754	-86.927470	56376.11	56232.3	17.72	56393.83	56406.01953	56384.24166	56373.66016	505321.7	5409978.3
L5320.1	505321.7	5409978.3	18980.00000	434.38	0	48.842754	-86.927470	56376.93	56232.3	17.72	56394.65	56406.67188	56379.12057	56368.14063	505321.7	5409978.3
L5320.1	505321.8	5409978.7	18980.09961	433.84	0	48.842758	-86.927469	56377.92	56232.3	17.72	56395.64	56407.49609	56378.34437	56366.98047	505321.8	5409978.7
L5320.1	505321.8	5409979.1	18980.19922	434.05	0	48.842761	-86.927469	56379.05	56232.3	17.72	56396.76	56408.45313	56380.96398	56369.22656	505321.8	5409979.1
L5320.1	505321.8	5409979.1	18980.30078	433.75	0	48.842761	-86.927469	56380.27	56232.3	17.72	56397.99	56409.52344	56386.50524	56374.40234	505321.8	5409979.1
L5320.1	505321.8	5409979.4	18980.40039	432.21	0	48.842765	-86.927469	56381.57	56232.3	17.72	56399.29	56410.66016	56394.01847	56381.56250	505321.8	5409979.4
L5320.1	505321.8	5409979.8	18980.50000	434.72	0	48.842768	-86.927469	56382.80	56232.3	17.71	56400.52	56411.73438	56400.17755	56387.38281	505321.8	5409979.8
L5320.1	505321.8	5409979.8	18980.59961	433.97	0	48.842768	-86.927469	56383.77	56232.3	17.71	56401.49	56412.54688	56400.46802	56387.34766	505321.8	5409979.8
L5320.1	505321.8	5409980.2	18980.69922	431.58	0	48.842771	-86.927469	56384.74	56232.3	17.71	56402.45	56413.35156	56400.82991	56387.39453	505321.8	5409980.2
L5320.1	505321.8	5409980.6	18980.80078	431.56	0	48.842775	-86.927469	56385.84	56232.3	17.71	56403.55	56414.29688	56404.82682	56391.08984	505321.8	5409980.6
L5320.1	505321.8	5409981.0	18980.90039	430.98	0	48.842778	-86.927469	56386.84	56232.3	17.71	56404.55	56415.14844	56406.75522	56392.73047	505321.8	5409981.0
L5320.1	505321.8	5409981.0	18981.00000	432.83	0	48.842778	-86.927469	56388.18	56232.3	17.71	56405.89	56416.33594	56417.06870	56402.76953	505321.8	5409981.0
L5320.1	505321.8	5409981.4	18981.09961	433.76	0	48.842783	-86.927469	56389.06	56232.3	17.71	56406.76	56417.05859	56416.51923	56401.95703	505321.8	5409981.4
L5320.1	505321.8	5409981.8	18981.19922	434.13	0	48.842786	-86.927469	56390.13	56232.3	17.70	56407.83	56417.98047	56421.02476	56406.21484	505321.8	5409981.8
L5320.1	505321.8	5409982.2	18981.30078	433.92	0	48.842789	-86.927469	56391.17	56232.3	17.70	56408.87	56418.87500	56425.11791	56410.07422	505321.8	5409982.2
L5320.1	505321.8	5409982.2	18981.40039	433.37	0	48.842789	-86.927469	56392.09	56232.3	17.69	56409.78	56419.64453	56426.41992	56411.15625	505321.8	5409982.2
L5320.1	505321.8	5409982.5	18981.50000	433.25	0	48.842792	-86.927468	56393.60	56232.3	17.69	56411.29	56421.01172	56442.27327	56426.80469	505321.8	5409982.5
L5320.1	505321.8	5409982.9	18981.59961	432.79	0	48.842796	-86.927468	56394.52	56232.3	17.69	56412.20	56421.78125	56444.16133	56428.50000	505321.8	5409982.9
L5320.1	505321.8	5409982.9	18981.69922	433.90	0	48.842796	-86.927468	56395.71	56232.3	17.68	56413.40	56422.83984	56453.22761	56437.39063	505321.8	5409982.9
L5320.1	505321.8	5409983.3	18981.80078	433.94	0	48.842800	-86.927468	56396.50	56232.3	17.68	56414.18	56423.48438	56452.59763	56436.59766	505321.8	5409983.3
L5320.1	505321.8	5409983.7	18981.90039	432.82	0	48.842803	-86.927468	56397.73	56232.3	17.67	56415.40	56424.56641	56462.70135	56446.55078	505321.8	5409983.7
L5320.1	505321.8	5409983.7	18982.00000	427.54	0	48.842803	-86.927468	56398.88	56232.3	17.67	56416.55	56425.58203	56471.41575	56455.13281	505321.8	5409983.7
L5320.1	505321.9	5409984.1	18982.09961	418.92	0	48.842807	-86.927468	56399.84	56232.3	17.67	56417.51	56426.40625	56475.88423	56459.48047	505321.9	5409984.1
L5320.1	505321.9	5409984.5	18982.19922	420.28	0	48.842810	-86.927468	56400.41	56232.3	17.67	56418.08	56426.84766	56471.34895	56454.84375	505321.9	5409984.5
L5320.1	505321.9	5409984.9	18982.30078	430.81	0	48.842814	-86.927467	56401.45	56232.3	17.67	56419.13	56427.76563	56478.47602	56461.87891	505321.9	5409984.9
L5320.1	505321.9	5409984.9	18982.40039	430.85	0	48.842814	-86.927467	56402.76	56232.3	17.67	56420.43	56428.93750	56491.79403	56475.12109	505321.9	5409984.9
L5320.1	505321.9	5409985.4	18982.50000	432.38	0	48.842818	-86.927467	56403.47	56232.3	17.67	56421.14	56429.51563	56491.33700	56474.60156	505321.9	5409985.4
L5320.1	505321.9	5409985.8	18982.59961	435.31	0	48.842822	-86.927467	56404.21	56232.3	17.68	56421.89	56430.14063	56492.06731	56475.28516	505321.9	5409985.8
L5320.1	505321.9	5409985.8	18982.69922	436.91	0	48.842822	-86.927467	56404.90	56232.3	17.68	56422.57	56430.69531	56491.36380	56474.55078	505321.9	5409985.8
L5320.1	505321.9	5409986.2	18982.80078	437.79	0	48.842825	-86.927467	56406.00	56232.3	17.68	56423.67	56431.67188	56500.86163	56484.03125	505321.9	5409986.2
L5320.1	505322.0	5409986.6	18982.90039	437.16	0	48.842829	-86.927466	56406.94	56232.3	17.68	56424.62	56432.49609	56507.00888	56490.17578	505322.0	5409986.6
L5320.1	505322.0	5409986.6	18983.00000	438.74	0	48.842829	-86.927466	56408.19	56232.3	17.68	56425.87	56433.62500	56520.48959	56503.66797	505322.0	5409986.6
L5320.1	505322.0	5409986.9	18983.09961	437.35	0	48.842832	-86.927466	56409.09	56232.3	17.68	56426.76	56434.39453	56525.61268	56508.81641	505322.0	5409986.9
L5320.1	505322.0	5409987.4	18983.19922	437.92	0	48.842836	-86.927466	56409.77	56232.3	17.68	56427.45	56434.96484	56526.17082	56509.41797	505322.0	5409987.4
L5320.1	505322.0	5409987.4	18983.30078	438.45	0	48.842836	-86.927466	56410.70	56232.3	17.67	56428.37	56435.76563	56532.37186	56515.67188	505322.0	5409987.4
L5320.1	505322.0	5409987.6	18983.40039	438.33	0	48.842838	-86.927465	56411.28	56232.3	17.67	56428.95	56436.23047	56530.66229	56514.02734	505322.0	5409987.6
L5320.1	505322.0	5409987.9	18983.50000	438.88	0	48.842840	-86.927465	56411.87	56232.3	17.67	56429.54	56436.70313	56529.34846	56512.79688	505322.0	5409987.9
L5320.1	505322.1	5409988.1	18983.59961	439.41	0	48.842842	-86.927465	56412.30	56232.3	17.67	56429.97	56437.01953	56524.38068	56507.92578	505322.1	5409988.1
L5320.1	505322.1	5409988.1	18983.69922	439.78	0	48.842842	-86.927465	56413.07	56232.3	17.67	56430.73	56437.66406	56527.39129	56511.04688	505322.1	5409988.1
L5320.1	505322.1	5409988.4	18983.80078	440.03	0	48.842845	-86.927465	56413.38	56232.3	17.66	56431.04	56437.86328	56519.83582	56503.61328	505322.1	5409988.4
L5320.1	505322.1	5409988.6	18983.90039	442.77	0	48.842847	-86.927465	56413.84	56232.3	17.66	56431.50	56438.21094	56515.95977	56499.87109	505322.1	5409988.6
L5320.1	505322.1	5409988.6	18984.00000	439.76	0	48.842847	-86.927465	56414.50	56232.3	17.66	56432.16	56438.75781	56516.93984	56500.99609	505322.1	5409988.6
L5320.1	505322.1	5409988.8	18984.09961	440.20	0	48.842849	-86.927464	56415.06	56232.3	17.66	56432.72	56439.21094	56515.63611	56499.85547	505322.1	5409988.8
L5320.1	505322.1	5409989.0	18984.19922	440.99	0	48.842850	-86.927464	56415.52	56232.3	17.65	56433.17	56439.55078	56511.79913	56496.19141	505322.1	5409989.0
L5320.1	505322.1	5409989.2	18984.30078	440.12	0	48.842852	-86.927464	56415.93	56232.3	17.65	56433.58	56439.85156	56507.08013	56491.65625	505322.1	5409989.2
L5320.1	505322.1	5409989.2	18984.40039	441.98	0	48.842852	-86.927464	56416.46	56232.4	17.65	56434.11	56440.27344	56505.26861	56490.03906	505322.1	5409989.2
L5320.1	505322.1	5409989.3	18984.50000	441.20	0	48.842853	-86.927464	56416.69	56232.4	17.65	56434.34	56440.39844	56496.37248	56481.35156	505322.1	5409989.3
L5320.1	505322.1	5409989.4	18984.59961	439.16	0	48.842854	-86.927464	56417.05	56232.4	17.64	56434.69	56440.64453	56490.35876	56475.55859	505322.1	5409989.4
L5320.1	505322.1	5409989.5	18984.69922	437.62	0	48.842855	-86.927464	56417.15	56232.4	17.64	56434.79	56440.64063	56478.42303	56463.85547	505322.1	5409989.5
L5320.1	505322.1	5409989.5	18984.80078	441.33	0	48.842855	-86.927464	56417.64	56232.4	17.64	56435.27	56441.01563	56475.52181	56461.19531	505322.1	5409989.5
L5320.1	505322.1	5409989.6	18984.90039	442.45	0	48.842856	-86.927464	56418.02	56232.4	17.63	56435.65	56441.29297	56470.23668	56456.16016	505322.1	5409989.6
L5320.1	505322.1	5409989.7	18985.00000	444.22	0	48.842857	-86.927464	56418.35	56232.4	17.63	56435.98	56441.52344	56463.74245	56449.92578	505322.1	5409989.7
L5320.1	505322.1	5409989.7	18985.09961	442.11	0	48.842857	-86.927464	56418.48	56232.4	17.63	56436.11	56441.55078	56452.46162	56438.91797	505322.1	5409989.7
L5320.1	505322.1	5409989.8	18985.19922	440.03	0	48.842858	-86.927465	56418.76	56232.4	17.63	56436.39	56441.73047	56444.69709	56431.43359	505322.1	5409989.8
L5320.1	505322.1	5409989.8	18985.30078	437.84	0	48.842858	-86.927465	56418.89	56232.4	17.63	56436.52	56441.76172	56433.30698	56420.33203	505322.1	5409989.8
L5320.1	505322.1	5409989.8	18985.40039	439.00	0	48.842858	-86.927465	56419.24	56232.4	17.63	56436.87	56442.01172	56427.06926	56414.39453	505322.1	5409989.8
L5320.1	505322.1	5409989.9	18985.50000	439.88	0	48.842858	-86.927465	56419.32	56232.4	17.63	56436.95	56441.99609	56414.32732	56401.95703	505322.1	5409989.9
L5320.1	505322.1	5409989.9	18985.59961	445.11	0	48.842859	-86.927465	56419.45	56232.4	17.63	56437.07	56442.01953	56402.43333	56390.37891	505322.1	5409989.9
L5320.1	505322.1	5409989.9	18985.69922	446.98	0	48.842859	-86.927465	56419.65	56232.4	17.63	56437.28	56442.13281	56392.56157	56380.82813	505322.1	5409989.9
L5320.1	505322.1	5409990.0	18985.80078	447.76	0	48.842860	-86.927465	56420.01	56232.4	17.63	56437.64	56442.39453	56386.12390	56374.72266	505322.1	5409990.0
L5320.1	505322.1	5409990.0	18985.90039	444.27	0	48.842860	-86.927465	56420.39	56232.4	17.63	56438.02	56442.67969	56380.01757	56368.94922	505322.1	5409990.0
L5320.1	505322.1	5409990.1	18986.00000	444.23	0	48.842861	-86.927465	56420.93	56232.4	17.63	56438.56	56443.12500	56377.55533	56366.83203	505322.1	5409990.1
L5320.1	505322.0	5409990.2	18986.09961	442.54	0	48.842862	-86.927465	56421.39	56232.4	17.63	56439.01	56443.48438	56372.78312	56362.40625	505322.0	5409990.2

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5320.1	505322.0	5409990.2	18986.19922	439.88	0	48.842862	-86.927465	56421.59	56232.4	17.63	56439.22	56443.60156	56362.12304	56352.10156	505322.0	5409990.2
L5320.1	505322.0	5409990.4	18986.30078	441.03	0	48.842863	-86.927465	56422.13	56232.4	17.62	56439.75	56444.03906	56358.86758	56349.20703	505322.0	5409990.4
L5320.1	505322.0	5409990.5	18986.40039	434.10	0	48.842864	-86.927465	56422.43	56232.4	17.62	56440.06	56444.25781	56350.17214	56340.87500	505322.0	5409990.5
L5320.1	505322.0	5409990.7	18986.50000	432.20	0	48.842866	-86.927465	56422.64	56232.4	17.62	56440.26	56444.36719	56338.63686	56329.70703	505322.0	5409990.7
L5320.1	505322.0	5409990.7	18986.59961	436.65	0	48.842866	-86.927465	56422.96	56232.4	17.62	56440.58	56444.59766	56329.71332	56321.16016	505322.0	5409990.7
L5320.1	505322.0	5409990.9	18986.69922	429.50	0	48.842868	-86.927466	56423.40	56232.4	17.62	56441.02	56444.94531	56323.38815	56315.21094	505322.0	5409990.9
L5320.1	505322.0	5409990.9	18986.80078	430.45	0	48.842868	-86.927466	56423.94	56232.4	17.61	56441.55	56445.38672	56318.93528	56311.13672	505322.0	5409990.9
L5320.1	505322.0	5409991.1	18986.90039	435.87	0	48.842870	-86.927466	56424.32	56232.4	17.61	56441.94	56445.69141	56310.87655	56303.46094	505322.0	5409991.1
L5320.1	505322.0	5409991.3	18987.00000	425.22	0	48.842872	-86.927466	56425.09	56232.4	17.61	56442.70	56446.36328	56311.31712	56304.28516	505322.0	5409991.3
L5320.1	505322.0	5409991.6	18987.09961	423.28	0	48.842874	-86.927466	56425.86	56232.4	17.61	56443.46	56447.03516	56311.45260	56304.80859	505322.0	5409991.6
L5320.1	505322.0	5409991.9	18987.19922	426.80	0	48.842877	-86.927466	56426.41	56232.4	17.61	56444.02	56447.50781	56306.51814	56300.26172	505322.0	5409991.9
L5320.1	505322.0	5409991.9	18987.30078	429.55	0	48.842877	-86.927466	56427.13	56232.4	17.61	56444.74	56448.14453	56305.05527	56299.19141	505322.0	5409991.9
L5320.1	505321.9	5409992.3	18987.40039	431.25	0	48.842880	-86.927467	56427.69	56232.4	17.61	56445.30	56448.61719	56299.44820	56293.97266	505321.9	5409992.3
L5320.1	505321.9	5409992.6	18987.50000	431.57	0	48.842883	-86.927467	56428.58	56232.4	17.61	56446.19	56449.42188	56301.32779	56296.24219	505321.9	5409992.6
L5320.1	505321.9	5409992.6	18987.59961	432.92	0	48.842883	-86.927467	56429.35	56232.4	17.60	56446.95	56450.09766	56299.75216	56295.05859	505321.9	5409992.6
L5320.1	505321.9	5409992.9	18987.69922	433.31	0	48.842886	-86.927467	56430.47	56232.4	17.60	56448.08	56451.14453	56306.59024	56302.28516	505321.9	5409992.9
L5320.1	505321.9	5409992.9	18987.80078	433.60	0	48.842886	-86.927467	56431.04	56232.4	17.60	56448.64	56451.62109	56299.49531	56295.57813	505321.9	5409992.9
L5320.1	505321.9	5409993.2	18987.90039	435.02	0	48.842889	-86.927467	56431.98	56232.4	17.60	56449.58	56452.48047	56301.02929	56297.50000	505321.9	5409993.2
L5320.1	505321.9	5409993.7	18988.00000	434.30	0	48.842893	-86.927467	56432.90	56232.4	17.60	56450.50	56453.32031	56301.67696	56298.53516	505321.9	5409993.7
L5320.1	505321.9	5409993.7	18988.09961	433.28	0	48.842893	-86.927467	56434.07	56232.4	17.60	56451.67	56454.41016	56307.84326	56305.08594	505321.9	5409993.7
L5320.1	505321.9	5409994.2	18988.19922	432.57	0	48.842897	-86.927467	56434.89	56232.4	17.60	56452.49	56455.14844	56305.26136	56302.88672	505321.9	5409994.2
L5320.1	505321.9	5409994.6	18988.30078	431.94	0	48.842901	-86.927467	56435.78	56232.4	17.60	56453.38	56455.95703	56303.90094	56301.90234	505321.9	5409994.6
L5320.1	505321.9	5409994.6	18988.40039	433.56	0	48.842901	-86.927467	56436.90	56232.4	17.60	56454.50	56457.00000	56307.55416	56305.92969	505321.9	5409994.6
L5320.1	505321.9	5409995.0	18988.50000	433.34	0	48.842904	-86.927468	56437.72	56232.4	17.60	56455.32	56457.73828	56303.61838	56302.36719	505321.9	5409995.0
L5320.1	505321.8	5409995.4	18988.59961	434.72	0	48.842908	-86.927468	56438.97	56232.4	17.60	56456.57	56458.91016	56309.43019	56308.54688	505321.8	5409995.4
L5320.1	505321.8	5409995.4	18988.69922	430.27	0	48.842908	-86.927468	56439.76	56232.4	17.60	56457.36	56459.62500	56303.83365	56303.31250	505321.8	5409995.4
L5320.1	505321.8	5409996.0	18988.80078	429.37	0	48.842913	-86.927468	56440.88	56232.4	17.60	56458.48	56460.66797	56305.59170	56305.42969	505321.8	5409996.0
L5320.1	505321.8	5409996.4	18988.90039	428.36	0	48.842917	-86.927469	56442.06	56232.4	17.60	56459.66	56461.76953	56308.28094	56308.46875	505321.8	5409996.4
L5320.1	505321.8	5409996.9	18989.00000	428.39	0	48.842921	-86.927469	56443.08	56232.4	17.60	56460.68	56462.71484	56306.66639	56307.20313	505321.8	5409996.9
L5320.1	505321.7	5409997.3	18989.09961	428.28	0	48.842925	-86.927470	56444.36	56232.4	17.60	56461.95	56463.91016	56310.48292	56311.36328	505321.7	5409997.3
L5320.1	505321.7	5409997.3	18989.19922	427.78	0	48.842925	-86.927470	56445.40	56232.4	17.59	56462.99	56464.87500	56308.31840	56309.53125	505321.7	5409997.3
L5320.1	505321.7	5409997.9	18989.30078	427.52	0	48.842931	-86.927470	56447.24	56232.4	17.59	56464.83	56466.64063	56324.64031	56326.18359	505321.7	5409997.9
L5320.1	505321.7	5409997.9	18989.40039	425.84	0	48.842931	-86.927470	56447.77	56232.4	17.58	56465.36	56467.09375	56309.30683	56311.17188	505321.7	5409997.9
L5320.1	505321.7	5409998.4	18989.50000	425.25	0	48.842935	-86.927470	56448.97	56232.4	17.58	56466.55	56468.21094	56309.12157	56311.30078	505321.7	5409998.4
L5320.1	505321.7	5409999.0	18989.59961	427.62	0	48.842940	-86.927470	56450.43	56232.4	17.58	56468.00	56469.58984	56314.57491	56317.06250	505321.7	5409999.0
L5320.1	505321.6	5409999.6	18989.69922	428.71	0	48.842946	-86.927471	56451.56	56232.4	17.57	56469.13	56470.64844	56311.88062	56314.66797	505321.6	5409999.6
L5320.1	505321.6	5409999.6	18989.80078	431.54	0	48.842946	-86.927471	56452.93	56232.4	17.57	56470.50	56471.94531	56314.34049	56317.41797	505321.6	5409999.6
L5320.1	505321.6	5410000.2	18989.90039	433.70	0	48.842951	-86.927471	56454.38	56232.4	17.56	56471.95	56473.32422	56318.14875	56321.51172	505321.6	5410000.2
L5320.1	505321.6	5410000.7	18990.00000	434.09	0	48.842956	-86.927471	56455.74	56232.4	17.56	56473.30	56474.60547	56319.02485	56322.66406	505321.6	5410000.7
L5320.1	505321.6	5410000.7	18990.09961	433.62	0	48.842956	-86.927471	56456.89	56232.4	17.56	56474.45	56475.68359	56314.58954	56318.49609	505321.6	5410000.7
L5320.1	505321.6	5410001.4	18990.19922	431.01	0	48.842962	-86.927472	56458.60	56232.4	17.56	56476.16	56477.32422	56322.89847	56327.05859	505321.6	5410001.4
L5320.1	505321.6	5410002.1	18990.30078	430.55	0	48.842969	-86.927472	56460.33	56232.4	17.56	56477.89	56478.98438	56331.11837	56335.52734	505321.6	5410002.1
L5320.1	505321.5	5410002.7	18990.40039	431.85	0	48.842974	-86.927472	56462.02	56232.4	17.56	56479.58	56480.60547	56337.82172	56342.46875	505321.5	5410002.7
L5320.1	505321.5	5410002.7	18990.50000	432.16	0	48.842974	-86.927472	56463.44	56232.4	17.56	56481.01	56481.96875	56337.77961	56342.65625	505321.5	5410002.7
L5320.1	505321.5	5410003.5	18990.59961	432.14	0	48.842981	-86.927472	56464.77	56232.4	17.57	56482.34	56483.23047	56334.79281	56339.89063	505321.5	5410003.5
L5320.1	505321.5	5410004.0	18990.69922	431.50	0	48.842986	-86.927472	56466.51	56232.4	17.57	56484.07	56484.89453	56340.74122	56346.04688	505321.5	5410004.0
L5320.1	505321.5	5410004.0	18990.80078	430.99	0	48.842986	-86.927472	56468.24	56232.4	17.57	56485.81	56486.56641	56346.35786	56351.85938	505321.5	5410004.0
L5320.1	505321.5	5410004.9	18990.90039	429.48	0	48.842993	-86.927472	56470.26	56232.4	17.57	56487.83	56488.51953	56358.05845	56363.75000	505321.5	5410004.9
L5320.1	505321.5	5410005.5	18991.00000	428.03	0	48.842999	-86.927472	56471.69	56232.4	17.57	56489.26	56489.88672	56355.17158	56361.04297	505321.5	5410005.5
L5320.1	505321.5	5410005.5	18991.09961	429.26	0	48.842999	-86.927472	56473.42	56232.4	17.57	56490.99	56491.55078	56358.84564	56364.88281	505321.5	5410005.5
L5320.1	505321.5	5410006.2	18991.19922	431.12	0	48.843005	-86.927472	56475.06	56232.4	17.57	56492.63	56493.12500	56359.81534	56366.00781	505321.5	5410006.2
L5320.1	505321.5	5410006.2	18991.30078	432.81	0	48.843005	-86.927472	56477.18	56232.4	17.57	56494.74	56495.16797	56371.38877	56377.72656	505321.5	5410006.2
L5320.1	505321.5	5410007.8	18991.40039	432.40	0	48.843020	-86.927472	56478.40	56232.4	17.57	56495.96	56496.32422	56361.25326	56367.72266	505321.5	5410007.8
L5320.1	505321.5	5410008.7	18991.50000	435.61	0	48.843028	-86.927473	56480.46	56232.4	17.57	56498.03	56498.33203	56370.75573	56377.35156	505321.5	5410008.7
L5320.1	505321.5	5410008.7	18991.59961	433.26	0	48.843028	-86.927473	56482.54	56232.4	17.56	56500.10	56500.33984	56379.70244	56386.41016	505321.5	5410008.7
L5320.1	505321.5	5410008.7	18991.69922	430.86	0	48.843028	-86.927473	56484.34	56232.4	17.56	56501.91	56502.08594	56381.91904	56388.72656	505321.5	5410008.7
L5320.1	505321.5	5410009.5	18991.80078	431.13	0	48.843035	-86.927473	56486.18	56232.4	17.56	56503.75	56503.86328	56384.30015	56391.19531	505321.5	5410009.5
L5320.1	505321.5	5410010.4	18991.90039	431.19	0	48.843043	-86.927473	56488.33	56232.4	17.56	56505.89	56505.94141	56393.26554	56400.23828	505321.5	5410010.4
L5320.1	505321.5	5410011.2	18992.00000	441.02	0	48.843050	-86.927473	56490.57	56232.4	17.56	56508.13	56508.12109	56404.06768	56411.10547	505321.5	5410011.2
L5320.1	505321.5	5410011.2	18992.09961	433.06	0	48.843050	-86.927473	56492.28	56232.4	17.56	56509.83	56509.75781	56401.50454	56408.59766	505321.5	5410011.2
L5320.1	505321.5	5410012.0	18992.19922	435.92	0	48.843057	-86.927473	56494.56	56232.4	17.55	56512.11	56511.97656	56412.19390	56419.33203	505321.5	5410012.0
L5320.1	505321.5	5410012.0	18992.30078	435.96	0	48.843057	-86.927473	56496.59	56232.4	17.55	56514.14	56513.94531	56416.41984	56423.58594	505321.5	5410012.0
L5320.1	505321.5	5410013.0	18992.40039	434.71	0	48.843066	-86.927473	56498.54	56232.5	17.55	56516.08	56515.82422	56417.99024	56425.17969	505321.5	5410013.0
L5320.1	505321.5	5410013.9	18992.50000	432.62	0	48.843075	-86.927473	56501.02	56232.5	17.54	56518.56	56518.24609	56431.88098	56439.07813	505321.5	5410013.9
L5320.1	505321.4	5410015.0	18992.59961	430.66	0	48.843084	-86.927473	56502.85	56232.5	17.54	56520.39	56520.01563	56429.82320	56437.01953	505321.4	5410015.0
L5320.1	505321.4	5410015.8	18992.69922	427.38	0	48.843092	-86.927473	56505.27	56232.5	17.54	56522.81	56522.37500	56441.28767	56448.46875	505321.4	5410015.8
L5320.1	505321.4	5410015.8	18992.80078	428.44	0	48.843092	-86.927473	56507.09	56232.5	17.54	56524.62	56524.12500	56437.76854	56444.92188	505321.4	5410015.8
L5320.1	505321.4	5410016.6	18992.90039	430.26	0	48.843099	-86.927473	56509.74	56232.5	17.53	56527.27	56526.71484	56453.72699	56460.84766	505321.4	5410016.6
L5320.1	505321.4	5410016.6	18993.00000	441.90	0	48.843099	-86.927473	56511.61	56232.5	17.53	56529.14	56528.52734	56450.67813	56457.75000	505321.4	5410016.6
L5320.1	505321.4	5410017.8	18993.09961	441.34	0	48.843109	-86.927473	56514.23	56232.5	17.53	56531.76	56531.08594	56464.98460	56472.00000	505321.4	5410017.8
L5320.1	505321.4	5410019.0	18993.19922	437.95	0	48.843120	-86.927473	56516.09	56232.5	17.53	56533.62	56532.88672	56460.77576	56467.71875	505321.4	5410019.0
L5320.1	505321.4	5410019.0	18993.30078	441.98	0	48.843120	-86.927473	56518.70	56232.5	17.53	56536.23	56535.43750	56473.93955	56480.80078	505321.4	5410019.0
L5320.1	505321.4	5410019.8	18993.40039	444.06	0	48.843128	-86.927473	56520.61	56232.5	17.53	56538.14	56537.28906	56470.03149	56476.80078	505321.4	5410019.8
L5320.1	505321.5	5410020.9	18993.50000	442.20	0	48.843138	-86.927473	56523.21	56232.5	17.53	56540.74	56539.82813	56482.08868	56488.75781	505321.5	5410020.9
L5320.1	505321.5	5410021.9	18993.59961	442.99	0	48.843146	-86.927473	56525.06	56232.5	17.53	56542.58	56541.60938	56475.66709	56482.22656	505321.5	5410021.9
L5320.1	505321.5	5410021.9	18993.69922	443.19	0	48.843146	-86.927473	56527.84	56232.5	17.53	56545.37	56544.33984	56491.40777	56497.84375	505321.5	5410021.9
L5320.1	505321.5	5410023.2	18993.80078	440.91	0	48.843158	-86.927473	56530.16	56232.5	17.53	56547.69	56546.59766	56495.57995	56501.87891	505321.5	5410023.2
L5320.1	505321.5	5410024.4	18993.90039	440.94	0	48.843169	-86.927473	56532.61	56232.5	17.53	56550.14	56548.98828	56502.45030	56508.60938	505321.5	5410024.4
L5320.1	505321.5	5410024.4	18994.00000	442.51	0	48.843169	-86.927473	56534.88	56232.5	17.53	56552.41	56551.19922	56504.66314	56510.66797	505321.5	5410024.4
L5320.1	505321.5	5410025.6	18994.09961	442.31	0	48.843179	-86.927473	56537.56	56232.5	17.53	56555.09	56553.82031	56516.24789	56522.08984	505321.5	5410025.6
L5320.1	505321.4	5410026.6	18994.19922	444.03	0	48.843188	-86.927473	56539.83	56232.5	17.52	56557.35	56556.01953	56517.49344	56523.16406	505321.4	5410026.6
L5320.1	505321.4	5410026.6	18994.30078	443.90	0	48.843188	-86.927473	56542.18	56232.5	17.52	56559.70	56558.30859	56520.52859	56526.01563	505321.4	5410026.6
L5320.1	505321.4	5410027.9	18994.40039	434.74	0	48.843200	-86.927473	56544.81	56232.5	17.52	56562.33	56560.87500	56529.87875	56535.17578	505321.4	5410027.9
L5320.1	505321.4	5410029.1	18994.50000	437.25	0	48.843211	-86.927473	56546.95	56232.5	17.51	56564.46	56562.94531	56527.02124	56532.12109	505321.4	5410029.1
L5320.1	505321.4	5410030.1	18994.59961	443.03	0	48.843220	-86.927473	56549.81	56232.5	17.51	56567.32	56565.74219	56541.19313	56546.08203	505321.4	5410030.1
L5320.1	505321.4	5410030.1	18994.69922	435.18	0	48.843220	-86.927473	56552.11	56232.5	17.51	56569.61	56567.97266	56541.51619	56546.18750	505321.4	5410030.1
L5320.1	505321.4	5410031.2	18994.80078	433.88	0	48.843230	-86.927473	56554.50	56232.5	17.51	56572.01	56570.30859	56544.15910	56548.60547	505321.4	5410031.2
L5320.1	505321.4	5410031.2	18994.90039	431.90	0	48.843230	-86.927473	56557.18	56232.5	17.50	56574.69	56572.92188	56553.17246	56557.38281	505321.4	5410031.2
L5320.1	505321.4	5410032.7	18995.00000	431.76	0	48.843244	-86.927473	56559.45	56232.5	17.50	56576.95	56575.12109	56551.93486	56555.90625	505321.4	5410032.7
L5320.1	505321.4	5410033.8	18995.09961	430.98	0	48.843253	-86.927473	56562.06	56232.5	17.50	56579.56	56577.66406	56558.75359	56562.47656	505321.4	5410033.8
L5320.1	505321.4	5410034.7	18995.19922	431.63	0	48.843261	-86.927473	56564.76	56232.5	17.50	56582.26	56580.30078	56567.46216	56570.92578	505321.4	5410034.7
L5320.1	505321.4	5410034.7	18995.30078	430.59	0	48.843261	-86.927473	56567.14	56232.5	17.50	56584.64	56582.61328	56568.32991	56571.52734	505321.4	5410034.7
L5320.1	505321.4	5410035.9	18995.40039	433.30	0	48.843272	-86.927473	56569.81	56232.5	17.50	56587.31	56585.21484	56575.86243	56578.78906	505321.4	5410035.9

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5320.1	505321.4	5410035.9	18995.50000	433.06	0	48.843272	-86.927473	56572.09	56232.5	17.50	56589.59	56587.42969	56573.91358	56576.56250	505321.4	5410035.9
L5320.1	505321.4	5410036.8	18995.59961	434.19	0	48.843281	-86.927473	56574.84	56232.5	17.50	56592.34	56590.10938	56582.92920	56585.29297	505321.4	5410036.8
L5320.1	505321.4	5410038.2	18995.69922	433.22	0	48.843294	-86.927473	56577.63	56232.5	17.50	56595.13	56592.82813	56592.70337	56594.77344	505321.4	5410038.2
L5320.1	505321.4	5410039.3	18995.80078	433.54	0	48.843303	-86.927473	56579.97	56232.5	17.50	56597.47	56595.09766	56591.60446	56593.37500	505321.4	5410039.3
L5320.1	505321.4	5410040.4	18995.90039	434.83	0	48.843313	-86.927473	56582.57	56232.5	17.50	56600.07	56597.62500	56596.51402	56597.98047	505321.4	5410040.4
L5320.1	505321.4	5410041.7	18996.00000	433.35	0	48.843325	-86.927473	56585.21	56232.5	17.50	56602.71	56600.19141	56602.21580	56603.37500	505321.4	5410041.7
L5320.1	505321.4	5410041.7	18996.09961	432.12	0	48.843325	-86.927473	56588.01	56232.5	17.50	56605.51	56602.91797	56611.57223	56612.41406	505321.4	5410041.7
L5320.1	505321.4	5410043.1	18996.19922	431.29	0	48.843337	-86.927473	56590.48	56232.5	17.50	56607.98	56605.31250	56612.95142	56613.47266	505321.4	5410043.1
L5320.1	505321.4	5410043.1	18996.30078	430.70	0	48.843337	-86.927473	56593.04	56232.5	17.50	56610.54	56607.79688	56616.34397	56616.53516	505321.4	5410043.1
L5320.1	505321.4	5410044.2	18996.40039	430.78	0	48.843347	-86.927473	56595.74	56232.5	17.50	56613.23	56610.41016	56622.71114	56622.57422	505321.4	5410044.2
L5320.1	505321.4	5410045.3	18996.50000	428.75	0	48.843357	-86.927473	56598.63	56232.5	17.49	56616.13	56613.23047	56633.96459	56633.48828	505321.4	5410045.3
L5320.1	505321.4	5410046.7	18996.59961	428.04	0	48.843370	-86.927473	56601.06	56232.5	17.49	56618.55	56615.57031	56633.71983	56632.90625	505321.4	5410046.7
L5320.1	505321.4	5410046.7	18996.69922	428.36	0	48.843370	-86.927473	56603.70	56232.5	17.49	56621.19	56618.12500	56638.62011	56637.45703	505321.4	5410046.7
L5320.1	505321.4	5410048.0	18996.80078	429.77	0	48.843382	-86.927473	56606.21	56232.5	17.49	56623.70	56620.55078	56640.35947	56638.84766	505321.4	5410048.0
L5320.1	505321.4	5410048.0	18996.90039	432.58	0	48.843382	-86.927473	56608.76	56232.5	17.49	56626.25	56623.01563	56642.98757	56641.12109	505321.4	5410048.0
L5320.1	505321.4	5410049.1	18997.00000	431.85	0	48.843391	-86.927473	56611.16	56232.5	17.49	56628.65	56625.32813	56641.99996	56639.77344	505321.4	5410049.1
L5320.1	505321.5	5410050.3	18997.09961	432.50	0	48.843402	-86.927472	56614.10	56232.5	17.49	56631.59	56628.17969	56653.80175	56651.21484	505321.5	5410050.3
L5320.1	505321.5	5410051.5	18997.19922	431.56	0	48.843413	-86.927472	56616.77	56232.5	17.49	56634.26	56630.76172	56659.15637	56656.20313	505321.5	5410051.5
L5320.1	505321.5	5410051.5	18997.30078	430.16	0	48.843413	-86.927472	56619.47	56232.5	17.48	56636.96	56633.36719	56665.20186	56661.87891	505321.5	5410051.5
L5320.1	505321.5	5410052.7	18997.40039	430.18	0	48.843423	-86.927472	56622.06	56232.5	17.48	56639.54	56635.85156	56668.38362	56664.68750	505321.5	5410052.7
L5320.1	505321.5	5410053.8	18997.50000	429.33	0	48.843434	-86.927472	56624.64	56232.5	17.48	56642.12	56638.33594	56671.56239	56667.49219	505321.5	5410053.8
L5320.1	505321.5	5410053.8	18997.59961	428.39	0	48.843434	-86.927472	56627.48	56232.5	17.48	56644.96	56641.07813	56680.92529	56676.47656	505321.5	5410053.8
L5320.1	505321.5	5410055.0	18997.69922	432.50	0	48.843444	-86.927472	56630.00	56232.5	17.48	56647.47	56643.48828	56682.46243	56677.62891	505321.5	5410055.0
L5320.1	505321.5	5410056.1	18997.80078	431.17	0	48.843454	-86.927472	56632.88	56232.5	17.47	56650.35	56646.26563	56692.81547	56687.59766	505321.5	5410056.1
L5320.1	505321.5	5410057.5	18997.90039	433.47	0	48.843467	-86.927472	56635.27	56232.5	17.47	56652.74	56648.55078	56691.55869	56685.95313	505321.5	5410057.5
L5320.1	505321.5	5410057.5	18998.00000	434.39	0	48.843467	-86.927472	56637.83	56232.5	17.47	56655.30	56651.00391	56694.38300	56688.38672	505321.5	5410057.5
L5320.1	505321.5	5410058.8	18998.09961	434.44	0	48.843478	-86.927472	56640.36	56232.5	17.47	56657.83	56653.42578	56696.54465	56690.15625	505321.5	5410058.8
L5320.1	505321.5	5410060.0	18998.19922	434.33	0	48.843489	-86.927472	56642.96	56232.5	17.47	56660.43	56655.91406	56700.42804	56693.64453	505321.5	5410060.0
L5320.1	505321.5	5410061.1	18998.30078	434.01	0	48.843499	-86.927472	56645.54	56232.5	17.47	56663.01	56658.37891	56703.90282	56696.71875	505321.5	5410061.1
L5320.1	505321.5	5410061.1	18998.40039	432.86	0	48.843499	-86.927472	56648.25	56232.5	17.47	56665.72	56660.97266	56710.54111	56702.95703	505321.5	5410061.1
L5320.1	505321.5	5410062.1	18998.50000	432.37	0	48.843508	-86.927472	56650.61	56232.5	17.47	56668.08	56663.21484	56708.94543	56700.96094	505321.5	5410062.1
L5320.1	505321.4	5410063.6	18998.59961	432.18	0	48.843521	-86.927473	56653.39	56232.5	17.47	56670.86	56665.87500	56717.41946	56709.03125	505321.4	5410063.6
L5320.1	505321.4	5410064.8	18998.69922	430.59	0	48.843533	-86.927473	56655.80	56232.5	17.47	56673.27	56668.16016	56717.19947	56708.40234	505321.4	5410064.8
L5320.1	505321.4	5410064.8	18998.80078	431.74	0	48.843533	-86.927473	56658.45	56232.5	17.47	56675.92	56670.68359	56722.78706	56713.58203	505321.4	5410064.8
L5320.1	505321.4	5410066.3	18998.90039	429.31	0	48.843546	-86.927473	56661.15	56232.5	17.47	56678.62	56673.25781	56729.67484	56720.05469	505321.4	5410066.3
L5320.1	505321.3	5410067.8	18999.00000	429.42	0	48.843560	-86.927474	56663.53	56232.5	17.47	56681.00	56675.50391	56729.07831	56719.04688	505321.3	5410067.8
L5320.1	505321.3	5410069.1	18999.09961	431.79	0	48.843571	-86.927474	56666.34	56232.5	17.47	56683.80	56678.17188	56738.58756	56728.14063	505321.3	5410069.1
L5320.1	505321.3	5410069.1	18999.19922	429.28	0	48.843571	-86.927474	56668.48	56232.5	17.47	56685.94	56680.17578	56732.54747	56721.68359	505321.3	5410069.1
L5320.1	505321.3	5410070.4	18999.30078	429.23	0	48.843582	-86.927475	56671.11	56232.5	17.46	56688.57	56682.66406	56738.28989	56727.00391	505321.3	5410070.4
L5320.1	505321.2	5410072.0	18999.40039	432.35	0	48.843598	-86.927475	56673.74	56232.5	17.46	56691.20	56685.15234	56744.17846	56732.47266	505321.2	5410072.0
L5320.1	505321.2	5410072.0	18999.50000	433.23	0	48.843598	-86.927475	56676.31	56232.5	17.46	56693.77	56687.57813	56748.79395	56736.66406	505321.2	5410072.0
L5320.1	505321.2	5410073.3	18999.59961	433.97	0	48.843609	-86.927476	56678.91	56232.5	17.46	56696.37	56690.03125	56754.28115	56741.72656	505321.2	5410073.3
L5320.1	505321.2	5410074.7	18999.69922	432.59	0	48.843622	-86.927476	56681.32	56232.5	17.46	56698.78	56692.28906	56755.41883	56742.43359	505321.2	5410074.7
L5320.1	505321.1	5410076.0	18999.80078	430.04	0	48.843633	-86.927476	56684.02	56232.5	17.45	56701.48	56694.83203	56763.61841	56750.20313	505321.1	5410076.0
L5320.1	505321.1	5410076.0	18999.90039	431.13	0	48.843633	-86.927476	56686.27	56232.5	17.45	56703.72	56696.91797	56761.06510	56747.21875	505321.1	5410076.0
L5320.1	505321.1	5410077.4	19000.00000	433.40	0	48.843646	-86.927477	56689.00	56232.6	17.45	56706.45	56699.48828	56770.33782	56756.05859	505321.1	5410077.4
L5320.1	505321.1	5410079.0	19000.09961	433.46	0	48.843660	-86.927477	56691.77	56232.6	17.45	56709.21	56702.08594	56780.51232	56765.79688	505321.1	5410079.0
L5320.1	505321.1	5410080.3	19000.19922	432.99	0	48.843672	-86.927477	56694.56	56232.6	17.45	56712.00	56704.70703	56791.59437	56776.44141	505321.1	5410080.3
L5320.1	505321.1	5410080.3	19000.30078	432.98	0	48.843672	-86.927477	56696.76	56232.6	17.44	56714.21	56706.75000	56789.09543	56773.50000	505321.1	5410080.3
L5320.1	505321.1	5410081.5	19000.40039	430.50	0	48.843683	-86.927477	56699.25	56232.6	17.44	56716.69	56709.05469	56793.21802	56777.17969	505321.1	5410081.5
L5320.1	505321.1	5410083.0	19000.50000	432.29	0	48.843696	-86.927477	56701.51	56232.6	17.44	56718.95	56711.14063	56792.32483	56775.84375	505321.1	5410083.0
L5320.1	505321.1	5410084.0	19000.59961	430.90	0	48.843706	-86.927477	56703.92	56232.6	17.44	56721.36	56713.37500	56795.21297	56778.28516	505321.1	5410084.0
L5320.1	505321.1	5410084.0	19000.69922	431.47	0	48.843706	-86.927477	56706.40	56232.6	17.44	56723.84	56715.67188	56799.98706	56782.61328	505321.1	5410084.0
L5320.1	505321.1	5410085.3	19000.80078	434.96	0	48.843717	-86.927477	56709.18	56232.6	17.43	56726.62	56718.26563	56812.11763	56794.29297	505321.1	5410085.3
L5320.1	505321.1	5410086.7	19000.90039	434.78	0	48.843729	-86.927477	56711.71	56232.6	17.43	56729.14	56720.59766	56818.30393	56800.02734	505321.1	5410086.7
L5320.1	505321.1	5410088.0	19001.00000	433.89	0	48.843741	-86.927477	56714.26	56232.6	17.43	56731.69	56722.95703	56825.44211	56806.71094	505321.1	5410088.0
L5320.1	505321.1	5410088.0	19001.09961	433.93	0	48.843741	-86.927477	56716.26	56232.6	17.43	56733.69	56724.76563	56819.75619	56800.56641	505321.1	5410088.0
L5320.1	505321.1	5410089.1	19001.19922	433.00	0	48.843751	-86.927477	56718.80	56232.6	17.43	56736.23	56727.10938	56827.15114	56807.50391	505321.1	5410089.1
L5320.1	505321.1	5410089.1	19001.30078	433.26	0	48.843751	-86.927477	56721.13	56232.6	17.43	56738.56	56729.23828	56829.81160	56809.70313	505321.1	5410089.1
L5320.1	505321.1	5410091.5	19001.40039	431.85	0	48.843772	-86.927476	56723.84	56232.6	17.43	56741.27	56731.74609	56841.76203	56821.19141	505321.1	5410091.5
L5320.1	505321.1	5410091.5	19001.50000	430.20	0	48.843772	-86.927476	56726.08	56232.6	17.43	56743.51	56733.78125	56842.81103	56821.77734	505321.1	5410091.5
L5320.1	505321.1	5410093.0	19001.59961	430.76	0	48.843786	-86.927476	56728.42	56232.6	17.43	56745.85	56735.91016	56846.50787	56825.01172	505321.1	5410093.0
L5320.1	505321.1	5410094.1	19001.69922	429.68	0	48.843796	-86.927476	56730.79	56232.6	17.43	56748.22	56738.07031	56851.19481	56829.23047	505321.1	5410094.1
L5320.1	505321.1	5410094.1	19001.80078	430.60	0	48.843796	-86.927476	56733.11	56232.6	17.43	56750.54	56740.17188	56854.97654	56832.54297	505321.1	5410094.1
L5320.1	505321.1	5410095.4	19001.90039	431.13	0	48.843808	-86.927477	56735.48	56232.6	17.43	56752.91	56742.32422	56860.23476	56837.33203	505321.1	5410095.4
L5320.1	505321.1	5410096.7	19002.00000	428.74	0	48.843819	-86.927477	56737.72	56232.6	17.43	56755.15	56744.34375	56862.69815	56839.32422	505321.1	5410096.7
L5320.1	505321.1	5410097.8	19002.09961	429.13	0	48.843829	-86.927477	56739.93	56232.6	17.43	56757.36	56746.33203	56864.74853	56840.90234	505321.1	5410097.8
L5320.1	505321.1	5410099.3	19002.19922	429.55	0	48.843843	-86.927477	56742.24	56232.6	17.42	56759.66	56748.40625	56869.24301	56844.92188	505321.1	5410099.3
L5320.1	505321.1	5410099.3	19002.30078	428.40	0	48.843843	-86.927477	56744.52	56232.6	17.42	56761.94	56750.45313	56873.57370	56848.77734	505321.1	5410099.3
L5320.1	505321.1	5410101.1	19002.40039	430.77	0	48.843859	-86.927477	56746.88	56232.6	17.41	56764.29	56752.57422	56879.88501	56854.61328	505321.1	5410101.1
L5320.1	505321.1	5410101.1	19002.50000	432.43	0	48.843859	-86.927477	56749.13	56232.6	17.41	56766.54	56754.58594	56884.14355	56858.39453	505321.1	5410101.1
L5320.1	505321.0	5410103.7	19002.59961	433.32	0	48.843882	-86.927477	56751.21	56232.6	17.41	56768.62	56756.42969	56884.69211	56858.46484	505321.0	5410103.7
L5320.1	505321.0	5410103.7	19002.69922	432.98	0	48.843882	-86.927477	56753.61	56232.6	17.40	56771.01	56758.58203	56892.94212	56866.23438	505321.0	5410103.7
L5320.1	505321.0	5410105.5	19002.80078	431.27	0	48.843898	-86.927478	56755.61	56232.6	17.40	56773.01	56760.33594	56892.26707	56865.07813	505321.0	5410105.5
L5320.1	505321.0	5410107.2	19002.90039	432.95	0	48.843914	-86.927478	56757.98	56232.6	17.39	56775.37	56762.45313	56900.49405	56872.82813	505321.0	5410107.2
L5320.1	505321.0	5410107.2	19003.00000	432.42	0	48.843914	-86.927478	56759.89	56232.6	17.39	56777.28	56764.11328	56898.38301	56870.23438	505321.0	5410107.2
L5320.1	505321.0	5410108.8	19003.09961	432.41	0	48.843928	-86.927478	56762.41	56232.6	17.39	56779.80	56766.38281	56911.12710	56882.50000	505321.0	5410108.8
L5320.1	505321.0	5410110.4	19003.19922	432.28	0	48.843942	-86.927478	56764.14	56232.6	17.38	56781.52	56767.85156	56905.22985	56876.12109	505321.0	5410110.4
L5320.1	505321.0	5410110.4	19003.30078	431.19	0	48.843942	-86.927478	56766.35	56232.6	17.38	56783.73	56769.80859	56911.34962	56881.76172	505321.0	5410110.4
L5320.1	505321.0	5410111.9	19003.40039	432.15	0	48.843956	-86.927478	56768.39	56232.6	17.38	56785.76	56771.58203	56913.57326	56883.50391	505321.0	5410111.9
L5320.1	505321.0	5410113.4	19003.50000	432.21	0	48.843970	-86.927478	56770.66	56232.6	17.38	56788.04	56773.60156	56922.12484	56891.57813	505321.0	5410113.4
L5320.1	505321.0	5410114.6	19003.59961	430.37	0	48.843980	-86.927478	56772.64	56232.6	17.37	56790.01	56775.31250	56923.70507	56892.67969	505321.0	5410114.6
L5320.1	505321.0	5410115.9	19003.69922	430.08	0	48.843992	-86.927478	56774.85	56232.6	17.37	56792.22	56777.25781	56931.38951	56899.88281	505321.0	5410115.9
L5320.1	505321.0	5410115.9	19003.80078	430.04	0	48.843992	-86.927478	56776.71	56232.6	17.37	56794.07	56778.84375	56930.92861	56898.94531	505321.0	5410115.9
L5320.1	505321.0	5410117.8	19003.90039	430.33	0	48.844009	-86.927478	56778.76	56232.6	17.36	56796.12	56780.62500	56935.63567	56903.17578	505321.0	5410117.8
L5320.1	505321.0	5410117.8	19004.00000	432.50	0	48.844009	-86.927478	56780.93	56232.6	17.36	56798.29	56782.52734	56943.61703	56910.68359	505321.0	5410117.8
L5320.1	505321.0	5410118.9	19004.09961	431.50	0	48.844019	-86.927478	56783.17	56232.6	17.36	56800.53	56784.50000	56953.69193	56920.28516	505321.0	5410118.9
L5320.1	505321.0	5410120.5	19004.19922	430.27	0	48.844033	-86.927478	56785.12	56232.6	17.36	56802.48	56786.17969	56957.31373	56923.43750	505321.0	5410120.5
L5320.1	505321.0	5410121.9	19004.30078	429.71	0	48.844046	-86.927478	56786.91	56232.6	17.36	56804.26	56787.68359	56957.34115	56922.99219	505321.0	5410121.9
L5320.1	505321.0	5410121.9	19004.40039	429.91	0	48.844046	-86.927478	56788.75	56232.6	17.36	56806.10	56789.25000	56959.24670	56924.42969	505321.0	5410121.9
L5320.1	505321.0	5410123.4	19004.50000	431.21	0	48.844060	-86.927478	56790.56	56232.6	17.36	56807.91	56790.78516	56960.89937	56925.61719	505321.0	5410123.4
L5320.1	505321.0	5410124.8	19004.59961	431.09	0	48.844072	-86.927478	56792.85	56232.6	17.35	56810.20	56792.80078	56974.42486	56938.67969	505321.0	5410124.8
L5320.1	505321.0	5410124.8	19004.69922	431.40	0	48.844072	-86.927478	56794.39	56232.6	17.35	56811.75	56794.07422	56970.84225	56934.63672	505321.0	5410124.8

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5320.1	505321.0	5410126.5	19004.80078	430.66	0	48.844087	-86.927478	56796.33	56232.6	17.35	56813.68	56795.72656	56976.77152	56940.10938	505321.0	5410126.5
L5320.1	505321.0	5410127.8	19004.90039	431.26	0	48.844099	-86.927478	56798.23	56232.6	17.35	56815.58	56797.34766	56982.47826	56945.35938	505321.0	5410127.8
L5320.1	505321.0	5410129.2	19005.00000	431.16	0	48.844111	-86.927478	56800.16	56232.7	17.35	56817.51	56799.00000	56989.39576	56951.82422	505321.0	5410129.2
L5320.1	505321.0	5410129.2	19005.09961	433.30	0	48.844111	-86.927478	56801.92	56232.7	17.35	56819.27	56800.48047	56992.77942	56954.75781	505321.0	5410129.2
L5320.1	505321.0	5410130.5	19005.19922	431.72	0	48.844123	-86.927478	56803.38	56232.7	17.35	56820.73	56801.66016	56989.54794	56951.08203	505321.0	5410130.5
L5320.1	505321.0	5410132.5	19005.30078	430.94	0	48.844142	-86.927478	56805.42	56232.7	17.35	56822.76	56803.41016	57000.38101	56961.47266	505321.0	5410132.5
L5320.1	505321.0	5410132.5	19005.40039	432.45	0	48.844142	-86.927478	56807.09	56232.7	17.35	56824.43	56804.80078	57003.18843	56963.83984	505321.0	5410132.5
L5320.1	505321.0	5410134.0	19005.50000	433.28	0	48.844155	-86.927477	56809.18	56232.7	17.35	56826.52	56806.60938	57016.51133	56976.73047	505321.0	5410134.0
L5320.1	505321.0	5410135.6	19005.59961	433.31	0	48.844169	-86.927477	56810.41	56232.7	17.34	56827.76	56807.57031	57010.18068	56969.96875	505321.0	5410135.6
L5320.1	505321.0	5410137.0	19005.69922	436.24	0	48.844182	-86.927477	56812.16	56232.7	17.34	56829.50	56809.03125	57016.28127	56975.64063	505321.0	5410137.0
L5320.1	505321.0	5410137.0	19005.80078	433.62	0	48.844182	-86.927477	56813.68	56232.7	17.34	56831.02	56810.26953	57017.71249	56976.65234	505321.0	5410137.0
L5320.1	505321.0	5410138.9	19005.90039	431.45	0	48.844199	-86.927477	56815.44	56232.7	17.34	56832.78	56811.75000	57025.41168	56983.93359	505321.0	5410138.9
L5320.1	505321.0	5410140.6	19006.00000	433.36	0	48.844215	-86.927477	56817.21	56232.7	17.34	56834.55	56813.24219	57033.92095	56992.02734	505321.0	5410140.6
L5320.1	505321.0	5410140.6	19006.09961	433.50	0	48.844215	-86.927477	56818.32	56232.7	17.34	56835.65	56814.06641	57027.08982	56984.78906	505321.0	5410140.6
L5320.1	505321.0	5410141.7	19006.19922	433.31	0	48.844224	-86.927477	56819.89	56232.7	17.34	56837.22	56815.35938	57032.01281	56989.30859	505321.0	5410141.7
L5320.1	505321.0	5410142.9	19006.30078	432.09	0	48.844235	-86.927477	56821.10	56232.7	17.33	56838.43	56816.29297	57028.97502	56985.87109	505321.0	5410142.9
L5320.1	505321.0	5410142.9	19006.40039	433.76	0	48.844235	-86.927477	56823.06	56232.7	17.33	56840.39	56817.98047	57044.35784	57000.85938	505321.0	5410142.9
L5320.1	505321.0	5410144.5	19006.50000	436.56	0	48.844250	-86.927477	56823.98	56232.7	17.33	56841.31	56818.62891	57035.63550	56991.75000	505321.0	5410144.5
L5320.1	505321.0	5410146.2	19006.59961	434.73	0	48.844265	-86.927477	56825.76	56232.7	17.33	56843.09	56820.13672	57047.96025	57003.69141	505321.0	5410146.2
L5320.1	505321.0	5410147.4	19006.69922	429.52	0	48.844275	-86.927477	56826.73	56232.7	17.33	56844.06	56820.83594	57041.65729	56997.01172	505321.0	5410147.4
L5320.1	505321.0	5410148.5	19006.80078	428.96	0	48.844286	-86.927477	56828.23	56232.7	17.32	56845.56	56822.07031	57048.57230	57003.55469	505321.0	5410148.5
L5320.1	505321.0	5410148.5	19006.90039	429.54	0	48.844286	-86.927477	56829.44	56232.7	17.32	56846.76	56823.00391	57048.98933	57003.60547	505321.0	5410148.5
L5320.1	505321.0	5410150.5	19007.00000	427.33	0	48.844303	-86.927477	56830.73	56232.7	17.32	56848.05	56824.03125	57052.18066	57006.43750	505321.0	5410150.5
L5320.1	505321.0	5410151.5	19007.09961	429.47	0	48.844313	-86.927477	56832.04	56232.7	17.32	56849.35	56825.06641	57056.25063	57010.15234	505321.0	5410151.5
L5320.1	505321.0	5410153.2	19007.19922	429.87	0	48.844328	-86.927477	56833.25	56232.7	17.31	56850.57	56826.02734	57059.06575	57012.61719	505321.0	5410153.2
L5320.1	505321.0	5410153.2	19007.30078	428.10	0	48.844328	-86.927477	56834.48	56232.7	17.31	56851.79	56826.99219	57062.53161	57015.73828	505321.0	5410153.2
L5320.1	505321.0	5410154.9	19007.40039	429.80	0	48.844343	-86.927477	56835.31	56232.7	17.30	56852.62	56827.56641	57057.38585	57010.25781	505321.0	5410154.9
L5320.1	505321.0	5410154.9	19007.50000	429.24	0	48.844343	-86.927477	56836.66	56232.7	17.30	56853.96	56828.65625	57065.01758	57017.55859	505321.0	5410154.9
L5320.1	505321.1	5410156.5	19007.59961	427.68	0	48.844358	-86.927476	56837.71	56232.7	17.30	56855.00	56829.44922	57066.18419	57018.40234	505321.1	5410156.5
L5320.1	505321.1	5410158.1	19007.69922	427.58	0	48.844372	-86.927476	56838.84	56232.7	17.29	56856.13	56830.33203	57070.15606	57022.05469	505321.1	5410158.1
L5320.1	505321.1	5410159.4	19007.80078	426.54	0	48.844383	-86.927476	56839.79	56232.7	17.29	56857.08	56831.03906	57070.52092	57022.10547	505321.1	5410159.4
L5320.1	505321.1	5410160.8	19007.90039	429.22	0	48.844396	-86.927476	56840.41	56232.7	17.28	56857.69	56831.41016	57063.47990	57014.76172	505321.1	5410160.8
L5320.1	505321.1	5410160.8	19008.00000	429.65	0	48.844396	-86.927476	56841.36	56232.7	17.28	56858.64	56832.12500	57065.19306	57016.17578	505321.1	5410160.8
L5320.1	505321.1	5410162.0	19008.09961	429.80	0	48.844407	-86.927476	56842.14	56232.7	17.28	56859.42	56832.67578	57063.54445	57014.23438	505321.1	5410162.0
L5320.1	505321.1	5410163.7	19008.19922	430.98	0	48.844422	-86.927476	56843.45	56232.7	17.28	56860.72	56833.74609	57074.93105	57025.33203	505321.1	5410163.7
L5320.1	505321.1	5410163.7	19008.30078	430.69	0	48.844422	-86.927476	56844.20	56232.7	17.27	56861.47	56834.27344	57073.92998	57024.05078	505321.1	5410163.7
L5320.1	505321.1	5410165.5	19008.40039	433.50	0	48.844439	-86.927475	56845.28	56232.7	17.27	56862.55	56835.13281	57081.45206	57031.30078	505321.1	5410165.5
L5320.1	505321.2	5410166.9	19008.50000	435.07	0	48.844451	-86.927475	56845.56	56232.7	17.27	56862.83	56835.19531	57070.64799	57020.23047	505321.2	5410166.9
L5320.1	505321.2	5410166.9	19008.59961	435.10	0	48.844451	-86.927475	56846.56	56232.7	17.27	56863.83	56835.98438	57077.63485	57026.95703	505321.2	5410166.9
L5320.1	505321.2	5410168.3	19008.69922	435.94	0	48.844464	-86.927475	56847.42	56232.7	17.27	56864.68	56836.62891	57081.74043	57030.80859	505321.2	5410168.3
L5320.1	505321.2	5410169.5	19008.80078	431.74	0	48.844474	-86.927474	56848.26	56232.7	17.26	56865.52	56837.26563	57086.29075	57035.10938	505321.2	5410169.5
L5320.1	505321.2	5410171.4	19008.90039	428.06	0	48.844491	-86.927474	56848.65	56232.7	17.26	56865.91	56837.45703	57080.83004	57029.40625	505321.2	5410171.4
L5320.1	505321.2	5410171.4	19009.00000	426.71	0	48.844491	-86.927474	56849.12	56232.7	17.26	56866.38	56837.73047	57077.95028	57026.29297	505321.2	5410171.4
L5320.1	505321.3	5410172.7	19009.09961	426.68	0	48.844503	-86.927474	56849.74	56232.7	17.26	56867.00	56838.16406	57079.31297	57027.42969	505321.3	5410172.7
L5320.1	505321.3	5410172.7	19009.19922	429.96	0	48.844503	-86.927474	56850.14	56232.7	17.26	56867.40	56838.37891	57076.12433	57024.01563	505321.3	5410172.7
L5320.1	505321.3	5410174.2	19009.30078	432.31	0	48.844517	-86.927473	56850.84	56232.7	17.26	56868.10	56838.90234	57080.73745	57028.41406	505321.3	5410174.2
L5320.1	505321.3	5410176.2	19009.40039	432.59	0	48.844535	-86.927473	56851.43	56232.7	17.26	56868.69	56839.31641	57083.40723	57030.87500	505321.3	5410176.2
L5320.1	505321.3	5410177.3	19009.50000	432.14	0	48.844544	-86.927473	56851.77	56232.7	17.26	56869.02	56839.48047	57080.56603	57027.83203	505321.3	5410177.3
L5320.1	505321.3	5410178.6	19009.59961	433.14	0	48.844556	-86.927472	56852.46	56232.7	17.25	56869.71	56840.00781	57086.94172	57034.00781	505321.3	5410178.6
L5320.1	505321.4	5410180.2	19009.69922	431.67	0	48.844570	-86.927472	56852.77	56232.7	17.25	56870.02	56840.16016	57084.94678	57031.82031	505321.4	5410180.2
L5320.1	505321.4	5410180.2	19009.80078	429.16	0	48.844570	-86.927472	56853.24	56232.7	17.25	56870.49	56840.47656	57087.40735	57034.09766	505321.4	5410180.2
L5320.1	505321.4	5410181.6	19009.90039	429.11	0	48.844583	-86.927472	56853.28	56232.7	17.25	56870.53	56840.37109	57080.29916	57026.80859	505321.4	5410181.6
L5320.1	505321.4	5410181.6	19010.00000	430.02	0	48.844583	-86.927472	56853.39	56232.8	17.25	56870.64	56840.33984	57075.49707	57021.83594	505321.4	5410181.6
L5320.1	505321.4	5410184.6	19010.09961	430.09	0	48.844610	-86.927471	56853.59	56232.8	17.25	56870.84	56840.40625	57073.47017	57019.64063	505321.4	5410184.6
L5320.1	505321.4	5410184.6	19010.19922	429.72	0	48.844610	-86.927471	56854.11	56232.8	17.25	56871.36	56840.79688	57079.67699	57025.68359	505321.4	5410184.6
L5320.1	505321.5	5410186.3	19010.30078	431.58	0	48.844625	-86.927471	56854.37	56232.8	17.24	56871.61	56840.92578	57080.09157	57025.94141	505321.5	5410186.3
L5320.1	505321.5	5410187.8	19010.40039	431.11	0	48.844639	-86.927470	56854.37	56232.8	17.24	56871.61	56840.80859	57075.18175	57020.88281	505321.5	5410187.8
L5320.1	505321.5	5410187.8	19010.50000	430.41	0	48.844639	-86.927470	56854.47	56232.8	17.24	56871.71	56840.79688	57073.25613	57018.81250	505321.5	5410187.8
L5320.1	505321.5	5410189.5	19010.59961	429.40	0	48.844654	-86.927470	56854.57	56232.8	17.24	56871.81	56840.79297	57071.93044	57017.34766	505321.5	5410189.5
L5320.1	505321.5	5410191.2	19010.69922	428.89	0	48.844670	-86.927470	56854.70	56232.8	17.24	56871.94	56840.82813	57071.90895	57017.19141	505321.5	5410191.2
L5320.1	505321.5	5410192.7	19010.80078	429.40	0	48.844683	-86.927469	56854.70	56232.8	17.23	56871.94	56840.73438	57069.38095	57014.53125	505321.5	5410192.7
L5320.1	505321.5	5410192.7	19010.90039	429.80	0	48.844683	-86.927469	56854.81	56232.8	17.23	56872.04	56840.75000	57069.80215	57014.83203	505321.5	5410192.7
L5320.1	505321.6	5410194.2	19011.00000	430.58	0	48.844697	-86.927469	56854.68	56232.8	17.23	56871.91	56840.54297	57065.32174	57010.23047	505321.6	5410194.2
L5320.1	505321.6	5410195.9	19011.09961	425.62	0	48.844712	-86.927469	56854.68	56232.8	17.23	56871.91	56840.46875	57064.48365	57009.28125	505321.6	5410195.9
L5320.1	505321.6	5410197.3	19011.19922	427.68	0	48.844725	-86.927468	56854.83	56232.8	17.23	56872.06	56840.55469	57067.75273	57012.43750	505321.6	5410197.3
L5320.1	505321.6	5410197.3	19011.30078	430.85	0	48.844725	-86.927468	56854.52	56232.8	17.23	56871.75	56840.18750	57060.62405	57005.20313	505321.6	5410197.3
L5320.1	505321.6	5410199.6	19011.40039	431.62	0	48.844745	-86.927468	56854.44	56232.8	17.23	56871.67	56840.05469	57059.48171	57003.96484	505321.6	5410199.6
L5320.1	505321.6	5410199.6	19011.50000	432.12	0	48.844745	-86.927468	56854.08	56232.8	17.23	56871.31	56839.64844	57052.19627	56996.58203	505321.6	5410199.6
L5320.1	505321.6	5410201.1	19011.59961	430.14	0	48.844758	-86.927468	56854.11	56232.8	17.23	56871.34	56839.64063	57054.67602	56998.97266	505321.6	5410201.1
L5320.1	505321.6	5410202.8	19011.69922	430.37	0	48.844774	-86.927468	56853.83	56232.8	17.23	56871.06	56839.32813	57050.27638	56994.48438	505321.6	5410202.8
L5320.1	505321.7	5410204.5	19011.80078	431.72	0	48.844789	-86.927468	56853.75	56232.8	17.23	56870.98	56839.22656	57051.10334	56995.23047	505321.7	5410204.5
L5320.1	505321.7	5410204.5	19011.90039	430.30	0	48.844789	-86.927468	56853.49	56232.8	17.23	56870.72	56838.94531	57048.11535	56992.16406	505321.7	5410204.5
L5320.1	505321.7	5410205.8	19012.00000	430.66	0	48.844801	-86.927468	56853.13	56232.8	17.23	56870.36	56838.57422	57043.20072	56987.17578	505321.7	5410205.8
L5320.1	505321.7	5410207.3	19012.09961	431.35	0	48.844814	-86.927468	56852.54	56232.8	17.23	56869.77	56837.98047	57033.25773	56977.16406	505321.7	5410207.3
L5320.1	505321.7	5410207.3	19012.19922	430.85	0	48.844814	-86.927468	56852.18	56232.8	17.22	56869.40	56837.61328	57028.96589	56972.80469	505321.7	5410207.3
L5320.1	505321.6	5410208.9	19012.30078	431.30	0	48.844829	-86.927468	56852.28	56232.8	17.22	56869.50	56837.72266	57036.25233	56980.02734	505321.6	5410208.9
L5320.1	505321.6	5410210.7	19012.40039	430.08	0	48.844845	-86.927468	56851.69	56232.8	17.22	56868.91	56837.14844	57027.54096	56971.25781	505321.6	5410210.7
L5320.1	505321.6	5410212.1	19012.50000	427.58	0	48.844857	-86.927468	56851.66	56232.8	17.21	56868.88	56837.14453	57032.51970	56976.18359	505321.6	5410212.1
L5320.1	505321.6	5410212.1	19012.59961	428.35	0	48.844857	-86.927468	56851.10	56232.8	17.21	56868.31	56836.60156	57025.03789	56968.65234	505321.6	5410212.1
L5320.1	505321.6	5410213.7	19012.69922	427.85	0	48.844872	-86.927468	56850.53	56232.8	17.21	56867.74	56836.07031	57017.91290	56961.48047	505321.6	5410213.7
L5320.1	505321.6	5410215.5	19012.80078	427.87	0	48.844888	-86.927468	56850.07	56232.8	17.21	56867.28	56835.65234	57013.74480	56957.26563	505321.6	5410215.5
L5320.1	505321.6	5410215.5	19012.90039	429.35	0	48.844888	-86.927468	56849.76	56232.8	17.20	56866.96	56835.38281	57013.23271	56956.71484	505321.6	5410215.5
L5320.1	505321.6	5410217.2	19013.00000	430.03	0	48.844903	-86.927468	56849.32	56232.8	17.20	56866.52	56835.00000	57010.18506	56953.63281	505321.6	5410217.2
L5320.1	505321.6	5410218.6	19013.09961	427.56	0	48.844916	-86.927468	56848.86	56232.8	17.20	56866.06	56834.60547	57006.96422	56950.37500	505321.6	5410218.6
L5320.1	505321.6	5410218.6	19013.19922	427.67	0	48.844916	-86.927468	56848.63	56232.8	17.20	56865.82	56834.43359	57009.25914	56952.64063	505321.6	5410218.6
L5320.1	505321.6	5410221.6	19013.30078	426.27	0	48.844943	-86.927468	56847.57	56232.8	17.20	56864.77	56833.46094	56992.58231	56935.93750	505321.6	5410221.6
L5320.1	505321.6	5410221.6	19013.40039	428.17	0	48.844943	-86.927468	56847.23	56232.8	17.20	56864.43	56833.20703	56993.03690	56936.36719	505321.6	5410221.6
L5320.1	505321.6	5410223.3	19013.50000	427.03	0	48.844958	-86.927468	56846.28	56232.8	17.20	56863.48	56832.34766	56979.24485	56922.55859	505321.6	5410223.3
L5320.1	505321.6	5410224.8	19013.59961	428.53	0	48.844971	-86.927468	56846.10	56232.8	17.20	56863.30	56832.26563	56983.98299	56927.27734	505321.6	5410224.8
L5320.1	505321.6	5410226.3	19013.69922	427.86	0	48.844985	-86.927468	56845.62	56232.8	17.20	56862.82	56831.88672	56981.81374	56925.09375	505321.6	5410226.3
L5320.1	505321.6	5410226.3	19013.80078	430.10	0	48.844985	-86.927468	56845.18	56232.8	17.20	56862.38	56831.55859	56980.80276	56924.07422	505321.6	5410226.3
L5320.1	505321.6	5410228.0	19013.90039	431.76	0	48.845001	-86.927468	56844.50	56232.8	17.20	56861.70	56830.99219	56974.28400	56917.54688	505321.6	5410228.0
L5320.1	505321.6	5410228.0	19014.00000	430.65	0	48.845001	-86.927468	56843.94	56232.8	17.20	56861.14	56830.55469	56970.79870	56914.05859	505321.6	5410228.0

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5320.1	505321.6	5410229.7	19014.09961	429.15	0	48.845016	-86.927469	56843.45	56232.8	17.20	56860.64	56830.18750	56968.90867	56912.16797	505321.6	5410229.7
L5320.1	505321.6	5410231.6	19014.19922	429.12	0	48.845033	-86.927469	56842.70	56232.8	17.20	56859.90	56829.58203	56961.47331	56904.73438	505321.6	5410231.6
L5320.1	505321.6	5410231.6	19014.30078	428.64	0	48.845033	-86.927469	56842.14	56232.8	17.19	56859.33	56829.15234	56958.22261	56901.49219	505321.6	5410231.6
L5320.1	505321.6	5410233.0	19014.40039	429.11	0	48.845046	-86.927469	56841.34	56232.8	17.19	56858.53	56828.50000	56949.64039	56892.91797	505321.6	5410233.0
L5320.1	505321.6	5410234.7	19014.50000	428.52	0	48.845061	-86.927469	56841.00	56232.8	17.19	56858.19	56828.31250	56952.11032	56895.40234	505321.6	5410234.7
L5320.1	505321.6	5410236.4	19014.59961	428.99	0	48.845076	-86.927468	56840.20	56232.8	17.19	56857.39	56827.67188	56943.76110	56887.07422	505321.6	5410236.4
L5320.1	505321.6	5410238.0	19014.69922	430.88	0	48.845090	-86.927468	56839.82	56232.8	17.19	56857.01	56827.45703	56945.49164	56888.82422	505321.6	5410238.0
L5320.1	505321.6	5410238.0	19014.80078	429.99	0	48.845090	-86.927468	56839.25	56232.8	17.18	56856.44	56827.05859	56942.79725	56886.15234	505321.6	5410238.0
L5320.1	505321.6	5410239.4	19014.90039	433.17	0	48.845103	-86.927468	56838.78	56232.8	17.18	56855.96	56826.75391	56942.32095	56885.70703	505321.6	5410239.4
L5320.1	505321.6	5410241.1	19015.00000	433.94	0	48.845118	-86.927468	56838.48	56232.8	17.18	56855.66	56826.63672	56946.19153	56889.60938	505321.6	5410241.1
L5320.1	505321.6	5410241.1	19015.09961	432.95	0	48.845118	-86.927468	56837.50	56232.8	17.18	56854.68	56825.84375	56933.96521	56877.42188	505321.6	5410241.1
L5320.1	505321.6	5410243.0	19015.19922	434.59	0	48.845136	-86.927468	56837.20	56232.8	17.17	56854.37	56825.72656	56937.71054	56881.20703	505321.6	5410243.0
L5320.1	505321.6	5410244.8	19015.30078	431.86	0	48.845151	-86.927468	56836.39	56232.8	17.17	56853.56	56825.11719	56929.61866	56873.16016	505321.6	5410244.8
L5320.1	505321.6	5410244.8	19015.40039	432.54	0	48.845151	-86.927468	56835.98	56232.8	17.17	56853.15	56824.91016	56931.06654	56874.66016	505321.6	5410244.8
L5320.1	505321.6	5410246.5	19015.50000	431.21	0	48.845167	-86.927468	56835.11	56232.8	17.17	56852.27	56824.23828	56921.37454	56865.02344	505321.6	5410246.5
L5320.1	505321.6	5410248.4	19015.59961	432.28	0	48.845184	-86.927468	56834.59	56232.8	17.16	56851.75	56823.93359	56920.25730	56863.96484	505321.6	5410248.4
L5320.1	505321.6	5410250.2	19015.69922	430.49	0	48.845200	-86.927468	56833.90	56232.8	17.16	56851.06	56823.46094	56915.11490	56858.88672	505321.6	5410250.2
L5320.1	505321.6	5410250.2	19015.80078	430.68	0	48.845200	-86.927468	56833.27	56232.8	17.16	56850.43	56823.05469	56911.40634	56855.25000	505321.6	5410250.2
L5320.1	505321.6	5410251.6	19015.90039	433.11	0	48.845213	-86.927467	56832.76	56232.8	17.15	56849.91	56822.76172	56910.31411	56854.23438	505321.6	5410251.6
L5320.1	505321.6	5410253.0	19016.00000	433.18	0	48.845225	-86.927467	56832.17	56232.8	17.15	56849.32	56822.40625	56907.55621	56851.55859	505321.6	5410253.0
L5320.1	505321.6	5410254.8	19016.09961	430.04	0	48.845242	-86.927467	56831.87	56232.9	17.15	56849.01	56822.33203	56911.44449	56855.53516	505321.6	5410254.8
L5320.1	505321.6	5410254.8	19016.19922	430.47	0	48.845242	-86.927467	56831.19	56232.9	17.15	56848.33	56821.89453	56906.53031	56850.71484	505321.6	5410254.8
L5320.1	505321.6	5410256.5	19016.30078	431.99	0	48.845257	-86.927468	56830.86	56232.9	17.14	56848.00	56821.81250	56909.91818	56854.20313	505321.6	5410256.5
L5320.1	505321.6	5410257.7	19016.40039	433.54	0	48.845267	-86.927468	56829.88	56232.9	17.14	56847.02	56821.08203	56897.84418	56842.23438	505321.6	5410257.7
L5320.1	505321.6	5410257.7	19016.50000	433.20	0	48.845267	-86.927468	56829.75	56232.9	17.14	56846.89	56821.20703	56905.94752	56850.45313	505321.6	5410257.7
L5320.1	505321.6	5410259.4	19016.59961	430.93	0	48.845283	-86.927468	56828.64	56232.9	17.14	56845.78	56820.35547	56890.74371	56835.37109	505321.6	5410259.4
L5320.1	505321.6	5410260.9	19016.69922	428.58	0	48.845297	-86.927468	56828.33	56232.9	17.14	56845.46	56820.29688	56894.28854	56839.04297	505321.6	5410260.9
L5320.1	505321.6	5410260.9	19016.80078	430.17	0	48.845297	-86.927468	56827.34	56232.9	17.13	56844.47	56819.57031	56881.89022	56826.78125	505321.6	5410260.9
L5320.1	505321.6	5410262.8	19016.90039	429.77	0	48.845314	-86.927468	56827.25	56232.9	17.13	56844.38	56819.75000	56890.85343	56835.88672	505321.6	5410262.8
L5320.1	505321.6	5410264.5	19017.00000	430.21	0	48.845329	-86.927468	56826.56	56232.9	17.13	56843.69	56819.33594	56885.53703	56830.72266	505321.6	5410264.5
L5320.1	505321.6	5410264.5	19017.09961	439.62	0	48.845329	-86.927468	56825.78	56232.9	17.13	56842.91	56818.83203	56878.06012	56823.40625	505321.6	5410264.5
L5320.1	505321.6	5410266.0	19017.19922	442.03	0	48.845342	-86.927468	56825.40	56232.9	17.13	56842.53	56818.73047	56880.06709	56825.58203	505321.6	5410266.0
L5320.1	505321.6	5410267.9	19017.30078	443.34	0	48.845359	-86.927468	56824.58	56232.9	17.13	56841.71	56818.19141	56871.60073	56817.29297	505321.6	5410267.9
L5320.1	505321.6	5410269.3	19017.40039	442.26	0	48.845372	-86.927468	56824.21	56232.9	17.13	56841.34	56818.10938	56873.81093	56819.69141	505321.6	5410269.3
L5320.1	505321.6	5410271.0	19017.50000	442.45	0	48.845387	-86.927468	56823.21	56232.9	17.13	56840.34	56817.39844	56861.03887	56807.11719	505321.6	5410271.0
L5320.1	505321.6	5410272.5	19017.59961	429.61	0	48.845400	-86.927468	56822.75	56232.9	17.13	56839.88	56817.23047	56861.08858	56807.37500	505321.6	5410272.5
L5320.1	505321.6	5410272.5	19017.69922	428.71	0	48.845400	-86.927468	56822.41	56232.9	17.13	56839.54	56817.18359	56863.98454	56810.48828	505321.6	5410272.5
L5320.1	505321.6	5410272.5	19017.80078	441.91	0	48.845400	-86.927468	56821.87	56232.9	17.13	56839.00	56816.94141	56862.12784	56808.85938	505321.6	5410272.5
L5320.1	505321.6	5410274.8	19017.90039	442.72	0	48.845422	-86.927468	56821.70	56232.9	17.13	56838.82	56817.05859	56868.82976	56815.80078	505321.6	5410274.8
L5320.1	505321.6	5410276.1	19018.00000	442.17	0	48.845434	-86.927468	56820.79	56232.9	17.13	56837.92	56816.46094	56858.43397	56805.65625	505321.6	5410276.1
L5320.1	505321.6	5410277.6	19018.09961	440.02	0	48.845447	-86.927468	56820.53	56232.9	17.13	56837.66	56816.50391	56863.26150	56810.74609	505321.6	5410277.6
L5320.1	505321.6	5410277.6	19018.19922	441.52	0	48.845447	-86.927468	56819.84	56232.9	17.13	56836.97	56816.12109	56857.89451	56805.65234	505321.6	5410277.6
L5320.1	505321.6	5410279.5	19018.30078	442.43	0	48.845464	-86.927468	56819.50	56232.9	17.12	56836.62	56816.07813	56860.63592	56808.67578	505321.6	5410279.5
L5320.1	505321.6	5410281.3	19018.40039	444.72	0	48.845480	-86.927468	56818.68	56232.9	17.12	56835.80	56815.57031	56852.24659	56800.58594	505321.6	5410281.3
L5320.1	505321.6	5410281.3	19018.50000	445.10	0	48.845480	-86.927468	56818.16	56232.9	17.12	56835.28	56815.36328	56851.03024	56799.67969	505321.6	5410281.3
L5320.1	505321.6	5410282.9	19018.59961	443.29	0	48.845494	-86.927467	56817.62	56232.9	17.12	56834.74	56815.13672	56849.39140	56798.36719	505321.6	5410282.9
L5320.1	505321.6	5410284.3	19018.69922	442.53	0	48.845507	-86.927467	56817.16	56232.9	17.12	56834.28	56814.99219	56849.71463	56799.02734	505321.6	5410284.3
L5320.1	505321.6	5410284.3	19018.80078	442.19	0	48.845507	-86.927467	56817.11	56232.9	17.11	56834.22	56815.25000	56859.61221	56809.27344	505321.6	5410284.3
L5320.1	505321.6	5410287.3	19018.90039	444.42	0	48.845534	-86.927467	56816.43	56232.9	17.11	56833.55	56814.89453	56855.09459	56805.12109	505321.6	5410287.3
L5320.1	505321.6	5410287.3	19019.00000	444.04	0	48.845534	-86.927467	56816.26	56232.9	17.11	56833.37	56815.03516	56862.30828	56812.71094	505321.6	5410287.3
L5320.1	505321.6	5410289.1	19019.09961	431.13	0	48.845550	-86.927467	56815.33	56232.9	17.11	56832.44	56814.42578	56851.79923	56802.59766	505321.6	5410289.1
L5320.1	505321.6	5410289.1	19019.19922	431.18	0	48.845550	-86.927467	56815.26	56232.9	17.11	56832.36	56814.66797	56861.59498	56812.80078	505321.6	5410289.1
L5320.1	505321.6	5410290.8	19019.30078	430.51	0	48.845565	-86.927467	56814.24	56232.9	17.10	56831.35	56813.98047	56849.41100	56801.03906	505321.6	5410290.8
L5320.1	505321.6	5410292.9	19019.40039	440.17	0	48.845585	-86.927467	56814.27	56232.9	17.10	56831.38	56814.33594	56862.06682	56814.12891	505321.6	5410292.9
L5320.1	505321.6	5410293.9	19019.50000	438.73	0	48.845594	-86.927467	56813.64	56232.9	17.10	56830.74	56814.01953	56858.94153	56811.45703	505321.6	5410293.9
L5320.1	505321.6	5410293.9	19019.59961	431.35	0	48.845594	-86.927467	56813.09	56232.9	17.10	56830.19	56813.79688	56858.10414	56811.08984	505321.6	5410293.9
L5320.1	505321.6	5410295.4	19019.69922	430.31	0	48.845607	-86.927467	56812.57	56232.9	17.10	56829.67	56813.60156	56858.13971	56811.60938	505321.6	5410295.4
L5320.1	505321.6	5410295.4	19019.80078	431.26	0	48.845607	-86.927467	56811.65	56232.9	17.09	56828.74	56812.99609	56848.60419	56802.57422	505321.6	5410295.4
L5320.1	505321.6	5410297.4	19019.90039	430.32	0	48.845625	-86.927467	56811.75	56232.9	17.09	56828.84	56813.42578	56863.72436	56818.21484	505321.6	5410297.4
L5320.1	505321.6	5410298.7	19020.00000	428.81	0	48.845637	-86.927467	56810.92	56232.9	17.09	56828.01	56812.92188	56856.93950	56811.96094	505321.6	5410298.7
L5320.1	505321.6	5410300.0	19020.09961	428.76	0	48.845648	-86.927467	56810.82	56232.9	17.09	56827.91	56813.14844	56867.70384	56823.27734	505321.6	5410300.0
L5320.1	505321.6	5410301.2	19020.19922	428.19	0	48.845659	-86.927467	56809.89	56232.9	17.09	56826.98	56812.54688	56858.96106	56815.10156	505321.6	5410301.2
L5320.1	505321.6	5410302.9	19020.30078	425.97	0	48.845674	-86.927467	56809.75	56232.9	17.09	56826.84	56812.73438	56869.21488	56825.94141	505321.6	5410302.9
L5320.1	505321.6	5410302.9	19020.40039	427.76	0	48.845674	-86.927467	56809.07	56232.9	17.09	56826.16	56812.38281	56866.87390	56824.20313	505321.6	5410302.9
L5320.1	505321.6	5410304.5	19020.50000	426.06	0	48.845689	-86.927467	56808.66	56232.9	17.09	56825.75	56812.30078	56871.19520	56829.14063	505321.6	5410304.5
L5320.1	505321.6	5410306.2	19020.59961	427.75	0	48.845704	-86.927467	56808.12	56232.9	17.09	56825.21	56812.08984	56872.68489	56831.26953	505321.6	5410306.2
L5320.1	505321.6	5410306.2	19020.69922	431.17	0	48.845704	-86.927467	56807.58	56232.9	17.09	56824.67	56811.87500	56874.44225	56833.67969	505321.6	5410306.2
L5320.1	505321.6	5410308.2	19020.80078	432.65	0	48.845722	-86.927467	56807.27	56232.9	17.09	56824.36	56811.89453	56881.94247	56841.85156	505321.6	5410308.2
L5320.1	505321.6	5410309.7	19020.90039	432.33	0	48.845736	-86.927467	56806.53	56232.9	17.09	56823.62	56811.48047	56879.51322	56840.11328	505321.6	5410309.7
L5320.1	505321.6	5410311.3	19021.00000	433.96	0	48.845750	-86.927466	56806.42	56232.9	17.09	56823.51	56811.69531	56892.35086	56853.66016	505321.6	5410311.3
L5320.1	505321.6	5410311.3	19021.09961	433.10	0	48.845750	-86.927466	56805.48	56232.9	17.09	56822.57	56811.08203	56885.77368	56847.80859	505321.6	5410311.3
L5320.1	505321.7	5410312.9	19021.19922	433.41	0	48.845764	-86.927466	56805.01	56232.9	17.09	56822.10	56810.93750	56890.68013	56853.46094	505321.7	5410312.9
L5320.1	505321.7	5410314.9	19021.30078	433.41	0	48.845782	-86.927466	56804.39	56232.9	17.09	56821.48	56810.64453	56892.34712	56855.89063	505321.7	5410314.9
L5320.1	505321.7	5410315.7	19021.40039	432.66	0	48.845789	-86.927466	56804.28	56232.9	17.09	56821.37	56810.85547	56906.46532	56870.78906	505321.7	5410315.7
L5320.1	505321.7	5410315.7	19021.50000	431.25	0	48.845789	-86.927466	56803.77	56232.9	17.09	56820.86	56810.67188	56911.42020	56876.54297	505321.7	5410315.7
L5320.1	505321.7	5410317.7	19021.59961	431.01	0	48.845807	-86.927466	56802.87	56232.9	17.09	56819.96	56810.09375	56907.45695	56873.39453	505321.7	5410317.7
L5320.1	505321.7	5410317.7	19021.69922	430.08	0	48.845807	-86.927466	56802.56	56232.9	17.09	56819.65	56810.10547	56917.86855	56884.64063	505321.7	5410317.7
L5320.1	505321.7	5410319.2	19021.80078	430.40	0	48.845821	-86.927466	56801.78	56232.9	17.09	56818.87	56809.64453	56917.47497	56885.09766	505321.7	5410319.2
L5320.1	505321.7	5410320.9	19021.90039	432.51	0	48.845836	-86.927466	56801.38	56232.9	17.09	56818.47	56809.56641	56926.47928	56894.97266	505321.7	5410320.9
L5320.1	505321.7	5410322.2	19022.00000	431.59	0	48.845848	-86.927466	56800.52	56232.9	17.09	56817.61	56809.02344	56924.92790	56894.31250	505321.7	5410322.2
L5320.1	505321.7	5410322.2	19022.09961	430.58	0	48.845848	-86.927466	56799.88	56232.9	17.09	56816.97	56808.70313	56928.98346	56899.27344	505321.7	5410322.2
L5320.1	505321.7	5410324.3	19022.19922	429.47	0	48.845867	-86.927466	56799.38	56232.9	17.09	56816.47	56808.51953	56936.74968	56907.96094	505321.7	5410324.3
L5320.1	505321.7	5410325.4	19022.30078	430.97	0	48.845877	-86.927466	56798.44	56232.9	17.08	56815.52	56807.88672	56934.21153	56906.36328	505321.7	5410325.4
L5320.1	505321.7	5410327.5	19022.40039	432.56	0	48.845895	-86.927466	56797.79	56232.9	17.08	56814.87	56807.55078	56939.19320	56912.30469	505321.7	5410327.5
L5320.1	505321.6	5410328.8	19022.50000	431.94	0	48.845907	-86.927466	56797.10	56232.9	17.08	56814.18	56807.17188	56943.61872	56917.70703	505321.6	5410328.8
L5320.1	505321.6	5410328.8	19022.59961	433.24	0	48.845907	-86.927466	56796.38	56232.9	17.08	56813.45	56806.75391	56947.49024	56922.57031	505321.6	5410328.8
L5320.1	505321.6	5410330.3	19022.69922	434.61	0	48.845921	-86.927466	56795.69	56232.9	17.08	56812.76	56806.37500	56952.71012	56928.79688	505321.6	5410330.3
L5320.1	505321.6	5410331.7	19022.80078	432.92	0	48.845934	-86.927466	56795.09	56232.9	17.07	56812.16	56806.08594	56960.46725	56937.57813	505321.6	5410331.7
L5320.1	505321.6	5410331.7	19022.90039	431.46	0	48.845934	-86.927466	56794.27	56232.9	17.07	56811.34	56805.57422	56963.39583	56941.55078	505321.6	5410331.7
L5320.1	505321.6	5410333.2	19023.00000	431.28	0	48.845947	-86.927467	56793.48	56232.9	17.07	56810.55	56805.08984	56967.43555	56946.64844	505321.6	5410333.2
L5320.1	505321.6	5410334.8	19023.09961	430.51	0	48.845961	-86.927467	56791.97	56232.9	17.07	56809.04	56803.88672	56954.76437	56935.04688	505321.6	5410334.8
L5320.1	505321.6	5410336.0	19023.19922	431.32	0	48.845972	-86.927467	56791.38	56232.9	17.07	56808.45	56803.59766	56964.34839	56945.71875	505321.6	5410336.0
L5320.1	505321.6	5410336.0	19023.30078	428.82	0	48.845972	-86.927467	56790.71	56232.9	17.07	56807.78	56803.23047	56972.42382	56954.89844	505321.6	5410336.0

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5320.1	505321.6	5410337.5	19023.40039	430.12	0	48.845986	-86.927467	56789.76	56232.9	17.07	56806.83	56802.58203	56974.23498	56957.82813	505321.6	5410337.5
L5320.1	505321.6	5410339.1	19023.50000	429.63	0	48.846000	-86.927467	56788.70	56232.9	17.07	56805.77	56801.82031	56973.81702	56958.54297	505321.6	5410339.1
L5320.1	505321.6	5410340.4	19023.59961	429.22	0	48.846012	-86.927467	56787.60	56232.9	17.07	56804.67	56801.01953	56972.82822	56958.69922	505321.6	5410340.4
L5320.1	505321.6	5410342.2	19023.69922	432.27	0	48.846027	-86.927467	56786.85	56232.9	17.07	56803.92	56800.56250	56980.52964	56967.55859	505321.6	5410342.2
L5320.1	505321.6	5410342.2	19023.80078	431.64	0	48.846027	-86.927467	56785.72	56232.9	17.07	56802.79	56799.72656	56979.56920	56967.76953	505321.6	5410342.2
L5320.1	505321.6	5410344.2	19023.90039	432.04	0	48.846046	-86.927467	56784.79	56232.9	17.07	56801.86	56799.08984	56983.72101	56973.10938	505321.6	5410344.2
L5320.1	505321.6	5410345.7	19024.00000	431.68	0	48.846059	-86.927466	56783.42	56232.9	17.07	56800.49	56798.01172	56977.76997	56968.35547	505321.6	5410345.7
L5320.1	505321.6	5410345.7	19024.09961	429.99	0	48.846059	-86.927466	56782.16	56232.9	17.07	56799.23	56797.03906	56974.77581	56966.57031	505321.6	5410345.7
L5320.1	505321.6	5410347.7	19024.19922	427.82	0	48.846077	-86.927466	56781.18	56232.9	17.06	56798.25	56796.34766	56978.76831	56971.78125	505321.6	5410347.7
L5320.1	505321.6	5410348.9	19024.30078	430.66	0	48.846088	-86.927466	56779.74	56232.9	17.06	56796.80	56795.18359	56971.91634	56966.16406	505321.6	5410348.9
L5320.1	505321.6	5410348.9	19024.40039	428.68	0	48.846088	-86.927466	56778.70	56232.9	17.06	56795.75	56794.41797	56974.88089	56970.36719	505321.6	5410348.9
L5320.1	505321.6	5410350.8	19024.50000	429.42	0	48.846105	-86.927466	56777.32	56232.9	17.06	56794.38	56793.33203	56970.54213	56967.28125	505321.6	5410350.8
L5320.1	505321.6	5410351.9	19024.59961	430.98	0	48.846115	-86.927466	56776.03	56232.9	17.05	56793.08	56792.31250	56968.15424	56966.15625	505321.6	5410351.9
L5320.1	505321.6	5410354.4	19024.69922	432.59	0	48.846137	-86.927466	56774.72	56233	17.05	56791.77	56791.28125	56965.80298	56965.07031	505321.6	5410354.4
L5320.1	505321.6	5410355.9	19024.80078	433.04	0	48.846151	-86.927466	56773.18	56233	17.05	56790.23	56790.01563	56958.24683	56958.79297	505321.6	5410355.9
L5320.1	505321.6	5410355.9	19024.90039	431.60	0	48.846151	-86.927466	56771.76	56233	17.04	56788.80	56788.86328	56953.54974	56955.38281	505321.6	5410355.9
L5320.1	505321.6	5410357.7	19025.00000	432.73	0	48.846168	-86.927466	56770.46	56233	17.04	56787.50	56787.83594	56952.17142	56955.29688	505321.6	5410357.7
L5320.1	505321.6	5410357.7	19025.09961	432.49	0	48.846168	-86.927466	56768.72	56233	17.04	56785.76	56786.36719	56940.55185	56944.97656	505321.6	5410357.7
L5320.1	505321.6	5410359.5	19025.19922	433.95	0	48.846183	-86.927466	56767.28	56233	17.04	56784.33	56785.20703	56936.49495	56942.22266	505321.6	5410359.5
L5320.1	505321.6	5410361.4	19025.30078	431.20	0	48.846200	-86.927466	56765.73	56233	17.05	56782.78	56783.92188	56929.76592	56936.80469	505321.6	5410361.4
L5320.1	505321.6	5410361.4	19025.40039	432.65	0	48.846200	-86.927466	56763.90	56233	17.05	56780.95	56782.35938	56916.54481	56924.89844	505321.6	5410361.4
L5320.1	505321.6	5410363.3	19025.50000	431.05	0	48.846217	-86.927466	56762.18	56233	17.05	56779.23	56780.90234	56906.07961	56915.75391	505321.6	5410363.3
L5320.1	505321.6	5410364.6	19025.59961	428.90	0	48.846230	-86.927466	56760.30	56232.9	17.05	56777.35	56779.28516	56891.93544	56902.92969	505321.6	5410364.6
L5320.1	505321.6	5410366.2	19025.69922	428.94	0	48.846244	-86.927466	56759.14	56232.9	17.05	56776.20	56778.39453	56895.23961	56907.55859	505321.6	5410366.2
L5320.1	505321.6	5410366.2	19025.80078	428.94	0	48.846244	-86.927466	56756.93	56232.9	17.06	56773.98	56776.43359	56873.20171	56886.84766	505321.6	5410366.2
L5320.1	505321.7	5410368.2	19025.90039	428.23	0	48.846262	-86.927466	56755.69	56232.9	17.06	56772.75	56775.46094	56874.74837	56889.72656	505321.7	5410368.2
L5320.1	505321.7	5410368.2	19026.00000	427.05	0	48.846262	-86.927466	56753.79	56232.9	17.06	56770.85	56773.81641	56860.41468	56876.72266	505321.7	5410368.2
L5320.1	505321.7	5410369.9	19026.09961	428.19	0	48.846277	-86.927465	56752.19	56232.9	17.06	56769.25	56772.46875	56853.22673	56870.86328	505321.7	5410369.9
L5320.1	505321.7	5410372.7	19026.19922	426.30	0	48.846302	-86.927465	56750.26	56232.9	17.06	56767.32	56770.78906	56838.19253	56857.15625	505321.7	5410372.7
L5320.1	505321.7	5410372.7	19026.30078	429.39	0	48.846302	-86.927465	56748.21	56232.9	17.06	56765.27	56768.98828	56820.27890	56840.57031	505321.7	5410372.7
L5320.1	505321.7	5410374.2	19026.40039	428.45	0	48.846316	-86.927465	56746.69	56232.9	17.06	56763.74	56767.70313	56814.66952	56836.28906	505321.7	5410374.2
L5320.1	505321.7	5410374.2	19026.50000	427.65	0	48.846316	-86.927465	56744.54	56232.9	17.06	56761.59	56765.80078	56794.25302	56817.19531	505321.7	5410374.2
L5320.1	505321.7	5410376.2	19026.59961	428.60	0	48.846334	-86.927464	56743.23	56232.9	17.05	56760.28	56764.73438	56793.69641	56817.96094	505321.7	5410376.2
L5320.1	505321.7	5410377.7	19026.69922	428.04	0	48.846347	-86.927464	56741.20	56232.9	17.05	56758.25	56762.94531	56775.90804	56801.48828	505321.7	5410377.7
L5320.1	505321.7	5410377.7	19026.80078	429.24	0	48.846347	-86.927464	56739.20	56232.9	17.05	56756.26	56761.19531	56758.92157	56785.81641	505321.7	5410377.7
L5320.1	505321.8	5410379.2	19026.90039	429.77	0	48.846361	-86.927464	56737.33	56232.9	17.05	56754.38	56759.55078	56744.37531	56772.57813	505321.8	5410379.2
L5320.1	505321.8	5410380.8	19027.00000	429.33	0	48.846375	-86.927464	56735.48	56232.9	17.05	56752.53	56757.93750	56730.34317	56759.84766	505321.8	5410380.8
L5320.1	505321.8	5410380.8	19027.09961	429.10	0	48.846375	-86.927464	56734.06	56233	17.05	56751.10	56756.74219	56726.06659	56756.86719	505321.8	5410380.8
L5320.1	505321.8	5410382.8	19027.19922	429.74	0	48.846393	-86.927464	56731.85	56233	17.05	56748.89	56754.76563	56703.00678	56735.09375	505321.8	5410382.8
L5320.1	505321.8	5410384.5	19027.30078	427.98	0	48.846409	-86.927464	56730.02	56233	17.04	56747.07	56753.17578	56688.93850	56722.30859	505321.8	5410384.5
L5320.1	505321.8	5410384.5	19027.40039	428.04	0	48.846409	-86.927464	56727.98	56233	17.04	56745.02	56751.35156	56669.10415	56703.74609	505321.8	5410384.5
L5320.1	505321.8	5410386.6	19027.50000	429.35	0	48.846427	-86.927463	56726.42	56233	17.04	56743.46	56750.01953	56660.58589	56696.48828	505321.8	5410386.6
L5320.1	505321.8	5410388.3	19027.59961	429.26	0	48.846443	-86.927463	56724.58	56233	17.04	56741.62	56748.40234	56645.06191	56682.21875	505321.8	5410388.3
L5320.1	505321.8	5410388.3	19027.69922	429.89	0	48.846443	-86.927463	56722.89	56233	17.04	56739.92	56746.92578	56632.48603	56670.88672	505321.8	5410388.3
L5320.1	505321.8	5410389.9	19027.80078	429.06	0	48.846457	-86.927463	56721.03	56233	17.03	56738.06	56745.28906	56615.70419	56655.33594	505321.8	5410389.9
L5320.1	505321.8	5410391.4	19027.90039	429.91	0	48.846471	-86.927463	56719.36	56233	17.03	56736.39	56743.83594	56603.00710	56643.86328	505321.8	5410391.4
L5320.1	505321.8	5410391.4	19028.00000	430.29	0	48.846471	-86.927463	56717.91	56233	17.03	56734.94	56742.60547	56595.08204	56637.14453	505321.8	5410391.4
L5320.1	505321.8	5410392.9	19028.09961	429.50	0	48.846484	-86.927463	56716.22	56233	17.03	56733.25	56741.12891	56580.97355	56624.23438	505321.8	5410392.9
L5320.1	505321.8	5410395.1	19028.19922	429.61	0	48.846504	-86.927463	56714.95	56233	17.03	56731.99	56740.08203	56576.57632	56621.01953	505321.8	5410395.1
L5320.1	505321.8	5410396.5	19028.30078	444.76	0	48.846516	-86.927463	56712.96	56233	17.03	56730.00	56738.30469	56554.30258	56599.91406	505321.8	5410396.5
L5320.1	505321.8	5410396.5	19028.40039	446.06	0	48.846516	-86.927463	56711.50	56233	17.03	56728.54	56737.05469	56544.06652	56590.83594	505321.8	5410396.5
L5320.1	505321.8	5410398.0	19028.50000	445.86	0	48.846530	-86.927463	56709.84	56233	17.03	56726.87	56735.59375	56528.26055	56576.16797	505321.8	5410398.0
L5320.1	505321.8	5410399.5	19028.59961	444.04	0	48.846544	-86.927463	56708.45	56233	17.04	56725.49	56734.42188	56518.74109	56567.77344	505321.8	5410399.5
L5320.1	505321.8	5410399.5	19028.69922	444.34	0	48.846544	-86.927463	56706.90	56233	17.04	56723.94	56733.07422	56504.55432	56554.69531	505321.8	5410399.5
L5320.1	505321.8	5410401.2	19028.80078	430.84	0	48.846559	-86.927463	56705.74	56233	17.04	56722.78	56732.11719	56498.98308	56550.21484	505321.8	5410401.2
L5320.1	505321.8	5410402.6	19028.90039	431.10	0	48.846571	-86.927463	56704.54	56233	17.04	56721.58	56731.12109	56491.78720	56544.09375	505321.8	5410402.6
L5320.1	505321.8	5410404.5	19029.00000	438.32	0	48.846589	-86.927463	56702.90	56233	17.04	56719.94	56729.67969	56473.43979	56526.80469	505321.8	5410404.5
L5320.1	505321.8	5410404.5	19029.09961	439.07	0	48.846589	-86.927463	56702.19	56233	17.04	56719.23	56729.16797	56476.47150	56530.87500	505321.8	5410404.5
L5320.1	505321.8	5410406.0	19029.19922	441.49	0	48.846602	-86.927463	56700.54	56233	17.04	56717.58	56727.71094	56456.42772	56511.85547	505321.8	5410406.0
L5320.1	505321.8	5410407.7	19029.30078	441.73	0	48.846617	-86.927463	56699.99	56233	17.04	56717.03	56727.35547	56461.76005	56518.19141	505321.8	5410407.7
L5320.1	505321.8	5410407.7	19029.40039	432.35	0	48.846617	-86.927463	56698.78	56233	17.04	56715.82	56726.33984	56450.62870	56508.04297	505321.8	5410407.7
L5320.1	505321.8	5410409.4	19029.50000	431.45	0	48.846632	-86.927463	56698.06	56233	17.04	56715.10	56725.80859	56450.33914	56508.71875	505321.8	5410409.4
L5320.1	505321.8	5410411.1	19029.59961	432.52	0	48.846648	-86.927463	56696.90	56233	17.04	56713.94	56724.83984	56438.77447	56498.09375	505321.8	5410411.1
L5320.1	505321.8	5410411.1	19029.69922	431.52	0	48.846648	-86.927463	56696.11	56233	17.04	56713.15	56724.23828	56435.16268	56495.40625	505321.8	5410411.1
L5320.1	505321.8	5410412.9	19029.80078	429.43	0	48.846664	-86.927462	56695.33	56233	17.04	56712.37	56723.64063	56430.93201	56492.08203	505321.8	5410412.9
L5320.1	505321.8	5410414.4	19029.90039	431.03	0	48.846677	-86.927462	56694.61	56233	17.04	56711.65	56723.10547	56427.25344	56489.28516	505321.8	5410414.4
L5320.1	505321.9	5410416.5	19030.00000	432.08	0	48.846696	-86.927462	56694.07	56233	17.04	56711.11	56722.75000	56426.96194	56489.85547	505321.9	5410416.5
L5320.1	505321.9	5410416.5	19030.09961	431.80	0	48.846696	-86.927462	56693.37	56233	17.04	56710.41	56722.23047	56421.96315	56485.69531	505321.9	5410416.5
L5320.1	505321.9	5410418.1	19030.19922	434.14	0	48.846711	-86.927462	56693.13	56233	17.04	56710.17	56722.16797	56426.97409	56491.52344	505321.9	5410418.1
L5320.1	505321.9	5410419.3	19030.30078	434.23	0	48.846721	-86.927462	56692.52	56233	17.05	56709.57	56721.74609	56422.49666	56487.84375	505321.9	5410419.3
L5320.1	505321.9	5410419.3	19030.40039	432.90	0	48.846721	-86.927462	56692.34	56233	17.05	56709.39	56721.74219	56427.05123	56493.17188	505321.9	5410419.3
L5320.1	505321.9	5410423.1	19030.50000	431.54	0	48.846756	-86.927461	56691.83	56233	17.05	56708.88	56721.40625	56422.80462	56489.67578	505321.9	5410423.1
L5320.1	505321.9	5410423.1	19030.59961	430.50	0	48.846756	-86.927461	56691.79	56232.9	17.05	56708.84	56721.53516	56428.75409	56496.35547	505321.9	5410423.1
L5320.1	505321.9	5410424.5	19030.69922	428.86	0	48.846768	-86.927461	56691.46	56232.9	17.05	56708.51	56721.37891	56426.83054	56495.13672	505321.9	5410424.5
L5320.1	505321.9	5410426.2	19030.80078	429.70	0	48.846784	-86.927461	56691.44	56232.9	17.06	56708.50	56721.53516	56431.51836	56500.50781	505321.9	5410426.2
L5320.1	505321.9	5410426.2	19030.90039	429.64	0	48.846784	-86.927461	56691.24	56232.9	17.06	56708.30	56721.50391	56430.69046	56500.33984	505321.9	5410426.2
L5320.1	505321.9	5410428.0	19031.00000	427.86	0	48.846800	-86.927461	56691.42	56232.9	17.06	56708.48	56721.85156	56437.88257	56508.16797	505321.9	5410428.0
L5320.1	505321.9	5410428.0	19031.09961	429.37	0	48.846800	-86.927461	56691.63	56232.9	17.06	56708.68	56722.21484	56444.53355	56515.43359	505321.9	5410428.0
L5320.1	505322.0	5410429.6	19031.19922	431.26	0	48.846814	-86.927461	56691.78	56232.9	17.06	56708.83	56722.52734	56448.97387	56520.46484	505322.0	5410429.6
L5320.1	505322.0	5410431.1	19031.30078	430.43	0	48.846828	-86.927461	56692.14	56232.9	17.06	56709.20	56723.05859	56457.61369	56529.67188	505322.0	5410431.1
L5320.1	505322.0	5410432.8	19031.40039	428.72	0	48.846843	-86.927461	56692.16	56232.9	17.06	56709.22	56723.23828	56456.90481	56529.50391	505322.0	5410432.8
L5320.1	505322.0	5410434.6	19031.50000	428.89	0	48.846859	-86.927461	56692.71	56232.9	17.06	56709.77	56723.94531	56467.75347	56540.87500	505322.0	5410434.6
L5320.1	505322.0	5410434.6	19031.59961	430.54	0	48.846859	-86.927461	56692.98	56232.9	17.05	56710.03	56724.36328	56470.67306	56544.28906	505322.0	5410434.6
L5320.1	505322.0	5410437.0	19031.69922	430.78	0	48.846881	-86.927460	56693.51	56232.9	17.05	56710.56	56725.04688	56478.96817	56553.05859	505322.0	5410437.0
L5320.1	505322.0	5410438.0	19031.80078	427.53	0	48.846889	-86.927460	56693.82	56232.9	17.05	56710.87	56725.51172	56480.99521	56555.53516	505322.0	5410438.0
L5320.1	505322.0	5410438.0	19031.90039	428.21	0	48.846889	-86.927460	56694.58	56232.9	17.05	56711.63	56726.42188	56492.67433	56567.64063	505322.0	5410438.0
L5320.1	505322.0	5410440.0	19032.00000	426.54	0	48.846908	-86.927460	56695.18	56232.9	17.05	56712.23	56727.17188	56499.51250	56574.88281	505322.0	5410440.0
L5320.1	505322.0	5410440.0	19032.09961	424.91	0	48.846908	-86.927460	56695.79	56233	17.05	56712.84	56727.92969	56505.55121	56581.30078	505322.0	5410440.0
L5320.1	505322.0	5410441.7	19032.19922	426.27	0	48.846923	-86.927460	56696.16	56233	17.05	56713.21	56728.44922	56504.85326	56580.96094	505322.0	5410441.7
L5320.1	505322.0	5410443.2	19032.30078	427.33	0	48.846937	-86.927460	56696.98	56233	17.04	56714.02	56729.40625	56513.58012	56590.02344	505322.0	5410443.2
L5320.1	505322.0	5410444.4	19032.40039	428.66	0	48.846947	-86.927460	56697.72	56233	17.04	56714.76	56730.28906	56519.61854	56596.37500	505322.0	5410444.4
L5320.1	505322.0	5410444.4	19032.50000	427.71	0	48.846947	-86.927460	56698.52	56233	17.04	56715.56	56731.23438	56526.06324	56603.10547	505322.0	5410444.4
L5320.1	505322.0	5410445.8	19032.59961	425.26	0	48.846960	-86.927460	56699.64	56233	17.04	56716.68	56732.49219	56539.09876	56616.41016	505322.0	5410445.8

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5320.1	505322.0	5410447.1	19032.69922	425.47	0	48.846971	-86.927459	56700.28	56233	17.04	56717.31	56733.26563	56539.48622	56617.04297	505322.0	5410447.1
L5320.1	505322.0	5410448.9	19032.80078	427.89	0	48.846987	-86.927459	56701.51	56233	17.03	56718.54	56734.63281	56553.13360	56630.91406	505322.0	5410448.9
L5320.1	505322.0	5410450.7	19032.90039	428.43	0	48.847004	-86.927459	56702.06	56233	17.03	56719.09	56735.32031	56549.63605	56627.61719	505322.0	5410450.7
L5320.1	505322.0	5410450.7	19033.00000	431.48	0	48.847004	-86.927459	56703.36	56233	17.03	56720.39	56736.75391	56562.98199	56641.14453	505322.0	5410450.7
L5320.1	505322.0	5410451.9	19033.09961	429.06	0	48.847015	-86.927459	56704.21	56233	17.03	56721.24	56737.73828	56564.66916	56642.98828	505322.0	5410451.9
L5320.1	505322.0	5410453.9	19033.19922	427.37	0	48.847032	-86.927459	56705.45	56233	17.03	56722.48	56739.11328	56574.66861	56653.12500	505322.0	5410453.9
L5320.1	505322.0	5410453.9	19033.30078	426.99	0	48.847032	-86.927459	56706.33	56233	17.03	56723.36	56740.12500	56575.17213	56653.75000	505322.0	5410453.9
L5320.1	505322.0	5410455.6	19033.40039	427.47	0	48.847048	-86.927459	56707.70	56233	17.03	56724.73	56741.62500	56586.38997	56665.06250	505322.0	5410455.6
L5320.1	505322.0	5410457.2	19033.50000	427.56	0	48.847062	-86.927459	56708.77	56233	17.03	56725.80	56742.82422	56589.56503	56668.31641	505322.0	5410457.2
L5320.1	505322.0	5410459.1	19033.59961	429.47	0	48.847080	-86.927459	56709.90	56233	17.03	56726.93	56744.08203	56593.26615	56672.07422	505322.0	5410459.1
L5320.1	505322.0	5410459.1	19033.69922	428.84	0	48.847080	-86.927459	56711.17	56233	17.03	56728.20	56745.47656	56599.40979	56678.25391	505322.0	5410459.1
L5320.1	505322.1	5410460.8	19033.80078	430.65	0	48.847095	-86.927459	56712.30	56233	17.03	56729.33	56746.73047	56601.35913	56680.22656	505322.1	5410460.8
L5320.1	505322.1	5410462.3	19033.90039	430.75	0	48.847108	-86.927459	56713.64	56233	17.03	56730.67	56748.19531	56607.44750	56686.31250	505322.1	5410462.3
L5320.1	505322.1	5410463.7	19034.00000	430.09	0	48.847121	-86.927459	56714.80	56233	17.03	56731.83	56749.47656	56608.42570	56687.27344	505322.1	5410463.7
L5320.1	505322.1	5410463.7	19034.09961	430.26	0	48.847121	-86.927459	56716.25	56233	17.03	56733.28	56751.04688	56615.47967	56694.28906	505322.1	5410463.7
L5320.1	505322.1	5410465.6	19034.19922	429.19	0	48.847138	-86.927459	56717.32	56233	17.03	56734.35	56752.23438	56612.70835	56691.46484	505322.1	5410465.6
L5320.1	505322.1	5410467.0	19034.30078	429.50	0	48.847150	-86.927459	56719.27	56233	17.03	56736.30	56754.30469	56630.07008	56708.75781	505322.1	5410467.0
L5320.1	505322.1	5410468.4	19034.40039	432.00	0	48.847164	-86.927459	56720.48	56233	17.03	56737.51	56755.62891	56629.09196	56707.69531	505322.1	5410468.4
L5320.1	505322.1	5410468.4	19034.50000	430.35	0	48.847164	-86.927459	56722.27	56233	17.03	56739.30	56757.53516	56641.15908	56719.65625	505322.1	5410468.4
L5320.1	505322.1	5410470.6	19034.59961	430.30	0	48.847183	-86.927458	56723.45	56233	17.03	56740.48	56758.82813	56638.01683	56716.39453	505322.1	5410470.6
L5320.1	505322.1	5410470.6	19034.69922	431.23	0	48.847183	-86.927458	56725.34	56233	17.03	56742.37	56760.83203	56651.05126	56729.29297	505322.1	5410470.6
L5320.1	505322.1	5410472.3	19034.80078	431.46	0	48.847199	-86.927458	56726.52	56233	17.03	56743.55	56762.12109	56646.54367	56724.63672	505322.1	5410472.3
L5320.1	505322.1	5410473.9	19034.90039	432.07	0	48.847213	-86.927458	56728.29	56233	17.03	56745.32	56764.00000	56655.40577	56733.33203	505322.1	5410473.9
L5320.1	505322.1	5410475.2	19035.00000	431.49	0	48.847224	-86.927458	56729.71	56233	17.03	56746.74	56765.52734	56655.32495	56733.07422	505322.1	5410475.2
L5320.1	505322.1	5410477.1	19035.09961	432.05	0	48.847241	-86.927458	56731.48	56233	17.03	56748.51	56767.40625	56662.95708	56740.51172	505322.1	5410477.1
L5320.1	505322.1	5410477.1	19035.19922	432.23	0	48.847241	-86.927458	56732.98	56233	17.03	56750.01	56769.01172	56663.59380	56740.94141	505322.1	5410477.1
L5320.1	505322.1	5410478.6	19035.30078	433.22	0	48.847255	-86.927458	56734.48	56233	17.03	56751.51	56770.61719	56663.67437	56740.80469	505322.1	5410478.6
L5320.1	505322.1	5410480.3	19035.40039	431.90	0	48.847270	-86.927458	56736.38	56233	17.03	56753.41	56772.61719	56672.72730	56749.62500	505322.1	5410480.3
L5320.1	505322.1	5410480.3	19035.50000	429.63	0	48.847270	-86.927458	56737.97	56233	17.02	56755.00	56774.30859	56673.90658	56750.55859	505322.1	5410480.3
L5320.1	505322.1	5410481.8	19035.59961	427.88	0	48.847284	-86.927458	56740.04	56233	17.02	56757.06	56776.46875	56685.77038	56762.16406	505322.1	5410481.8
L5320.1	505322.1	5410483.7	19035.69922	428.05	0	48.847300	-86.927458	56741.48	56233	17.02	56758.50	56778.00781	56682.44394	56758.57031	505322.1	5410483.7
L5320.1	505322.1	5410485.3	19035.80078	427.03	0	48.847315	-86.927459	56743.36	56233	17.02	56760.38	56779.98828	56689.13890	56764.98828	505322.1	5410485.3
L5320.1	505322.1	5410485.3	19035.90039	427.33	0	48.847315	-86.927459	56744.79	56233	17.02	56761.81	56781.51172	56684.73302	56760.29297	505322.1	5410485.3
L5320.1	505322.1	5410486.5	19036.00000	428.56	0	48.847326	-86.927459	56746.89	56233	17.02	56763.91	56783.70703	56695.86386	56771.12500	505322.1	5410486.5
L5320.1	505322.0	5410488.3	19036.09961	426.88	0	48.847342	-86.927459	56748.82	56233	17.02	56765.84	56785.73047	56702.59744	56777.54688	505322.0	5410488.3
L5320.1	505322.0	5410488.3	19036.19922	427.40	0	48.847342	-86.927459	56750.54	56233	17.02	56767.56	56787.54297	56704.00869	56778.64453	505322.0	5410488.3
L5320.1	505322.0	5410491.7	19036.30078	428.95	0	48.847372	-86.927459	56752.49	56233	17.03	56769.52	56789.59375	56710.81546	56785.12500	505322.0	5410491.7
L5320.1	505322.0	5410491.7	19036.40039	430.99	0	48.847372	-86.927459	56754.15	56233	17.03	56771.18	56791.34375	56710.21221	56784.18359	505322.0	5410491.7
L5320.1	505322.0	5410493.1	19036.50000	431.75	0	48.847386	-86.927460	56756.68	56233	17.03	56773.71	56793.96094	56730.02473	56803.65234	505322.0	5410493.1
L5320.1	505322.0	5410493.1	19036.59961	433.62	0	48.847386	-86.927460	56757.83	56233	17.03	56774.86	56795.19531	56716.81605	56790.09375	505322.0	5410493.1
L5320.1	505322.0	5410494.7	19036.69922	431.22	0	48.847399	-86.927460	56760.22	56233	17.03	56777.26	56797.67969	56733.10297	56806.02344	505322.0	5410494.7
L5320.1	505321.9	5410496.2	19036.80078	431.98	0	48.847413	-86.927460	56761.95	56233	17.04	56778.99	56799.49609	56733.28950	56805.84375	505321.9	5410496.2
L5320.1	505321.9	5410498.2	19036.90039	431.32	0	48.847432	-86.927461	56764.11	56233	17.04	56781.15	56801.73438	56743.53786	56815.71875	505321.9	5410498.2
L5320.1	505321.9	5410498.2	19037.00000	431.75	0	48.847432	-86.927461	56765.68	56233	17.04	56782.72	56803.38672	56739.63674	56811.44141	505321.9	5410498.2
L5320.1	505321.9	5410499.8	19037.09961	429.52	0	48.847446	-86.927461	56767.82	56233	17.04	56784.87	56805.61719	56749.41133	56820.83203	505321.9	5410499.8
L5320.1	505321.8	5410501.8	19037.19922	429.89	0	48.847463	-86.927461	56769.70	56233	17.04	56786.74	56807.56250	56752.45174	56823.48438	505321.8	5410501.8
L5320.1	505321.8	5410503.0	19037.30078	430.70	0	48.847475	-86.927461	56771.38	56233	17.04	56788.42	56809.32031	56750.92085	56821.55859	505321.8	5410503.0
L5320.1	505321.8	5410503.0	19037.40039	430.24	0	48.847475	-86.927461	56773.76	56233	17.04	56790.81	56811.78516	56766.22777	56836.46875	505321.8	5410503.0
L5320.1	505321.8	5410504.7	19037.50000	431.55	0	48.847490	-86.927462	56775.78	56233	17.05	56792.83	56813.87891	56772.73448	56842.57031	505321.8	5410504.7
L5320.1	505321.8	5410506.1	19037.59961	434.43	0	48.847503	-86.927462	56777.73	56233	17.05	56794.78	56815.89844	56777.59296	56847.01953	505321.8	5410506.1
L5320.1	505321.8	5410506.1	19037.69922	433.02	0	48.847503	-86.927462	56779.59	56233	17.05	56796.64	56817.82813	56780.35135	56849.37109	505321.8	5410506.1
L5320.1	505321.8	5410508.0	19037.80078	432.13	0	48.847519	-86.927462	56782.11	56233	17.05	56799.16	56820.41797	56798.85349	56867.45703	505321.8	5410508.0
L5320.1	505321.8	5410509.4	19037.90039	432.85	0	48.847532	-86.927462	56783.79	56233	17.05	56800.84	56822.16406	56797.48056	56865.66797	505321.8	5410509.4
L5320.1	505321.8	5410509.4	19038.00000	430.36	0	48.847532	-86.927462	56785.90	56232.9	17.05	56802.95	56824.33984	56806.43147	56874.19531	505321.8	5410509.4
L5320.1	505321.8	5410511.5	19038.09961	428.93	0	48.847551	-86.927462	56788.08	56233	17.05	56805.13	56826.58203	56817.17431	56884.51563	505321.8	5410511.5
L5320.1	505321.8	5410513.1	19038.19922	431.25	0	48.847565	-86.927462	56790.02	56233	17.05	56807.07	56828.58594	56822.36480	56889.28516	505321.8	5410513.1
L5320.1	505321.8	5410514.4	19038.30078	429.81	0	48.847577	-86.927462	56792.10	56233	17.04	56809.15	56830.72656	56831.05345	56897.54688	505321.8	5410514.4
L5320.1	505321.8	5410515.8	19038.40039	429.01	0	48.847589	-86.927462	56794.16	56233	17.04	56811.21	56832.84766	56839.45936	56905.52344	505321.8	5410515.8
L5320.1	505321.8	5410515.8	19038.50000	430.33	0	48.847589	-86.927462	56796.38	56233	17.04	56813.42	56835.11328	56851.64238	56917.27344	505321.8	5410515.8
L5320.1	505321.8	5410517.1	19038.59961	430.57	0	48.847601	-86.927462	56797.97	56233	17.04	56815.01	56836.75781	56849.32657	56914.52734	505321.8	5410517.1
L5320.1	505321.8	5410517.1	19038.69922	431.52	0	48.847601	-86.927462	56800.42	56233	17.04	56817.45	56839.25391	56867.46025	56932.23047	505321.8	5410517.1
L5320.1	505321.8	5410518.8	19038.80078	432.35	0	48.847617	-86.927462	56801.82	56233	17.03	56818.85	56840.70703	56861.15422	56925.48828	505321.8	5410518.8
L5320.1	505321.8	5410520.1	19038.90039	432.10	0	48.847628	-86.927462	56804.20	56233	17.03	56821.24	56843.14844	56878.66210	56942.56250	505321.8	5410520.1
L5320.1	505321.7	5410521.7	19039.00000	429.86	0	48.847643	-86.927462	56806.21	56233	17.03	56823.24	56845.19531	56887.21188	56950.67578	505321.7	5410521.7
L5320.1	505321.7	5410523.3	19039.09961	429.66	0	48.847657	-86.927463	56807.86	56233	17.03	56824.89	56846.89453	56887.77176	56950.80078	505321.7	5410523.3
L5320.1	505321.7	5410525.0	19039.19922	428.39	0	48.847672	-86.927463	56809.89	56233	17.03	56826.92	56848.96875	56897.70457	56960.30078	505321.7	5410525.0
L5320.1	505321.7	5410525.0	19039.30078	429.70	0	48.847672	-86.927463	56811.88	56233	17.02	56828.90	56850.99219	56906.80985	56968.97266	505321.7	5410525.0
L5320.1	505321.7	5410526.9	19039.40039	430.95	0	48.847689	-86.927463	56813.61	56233	17.02	56830.63	56852.76563	56910.35167	56972.07813	505321.7	5410526.9
L5320.1	505321.7	5410526.9	19039.50000	429.46	0	48.847689	-86.927463	56815.38	56233	17.02	56832.40	56854.57422	56915.23652	56976.52344	505321.7	5410526.9
L5320.1	505321.7	5410528.7	19039.59961	432.16	0	48.847705	-86.927464	56817.75	56233	17.02	56834.76	56856.97266	56934.54823	56995.40234	505321.7	5410528.7
L5320.1	505321.6	5410529.9	19039.69922	430.22	0	48.847717	-86.927464	56819.20	56233	17.02	56836.21	56858.46094	56932.66001	56993.08203	505321.6	5410529.9
L5320.1	505321.6	5410531.7	19039.80078	429.49	0	48.847733	-86.927464	56821.20	56233	17.01	56838.21	56860.49609	56944.27722	57004.26563	505321.6	5410531.7
L5320.1	505321.6	5410533.5	19039.90039	430.88	0	48.847749	-86.927464	56822.54	56233	17.01	56839.55	56861.86719	56940.66273	57000.21875	505321.6	5410533.5
L5320.1	505321.6	5410533.5	19040.00000	432.16	0	48.847749	-86.927464	56824.94	56233	17.01	56841.95	56864.30078	56962.69872	57021.82031	505321.6	5410533.5
L5320.1	505321.6	5410535.1	19040.09961	430.14	0	48.847763	-86.927465	56826.35	56233	17.01	56843.36	56865.73828	56961.68775	57020.37891	505321.6	5410535.1
L5320.1	505321.5	5410536.6	19040.19922	428.37	0	48.847777	-86.927465	56828.31	56233	17.01	56845.32	56867.72656	56974.23399	57032.50000	505321.5	5410536.6
L5320.1	505321.5	5410536.6	19040.30078	427.88	0	48.847777	-86.927465	56829.88	56233	17.02	56846.90	56869.33203	56978.25130	57036.08594	505321.5	5410536.6
L5320.1	505321.5	5410538.4	19040.40039	430.40	0	48.847793	-86.927465	56831.58	56233	17.02	56848.60	56871.05469	56985.63131	57043.03906	505321.5	5410538.4
L5320.1	505321.5	5410539.7	19040.50000	431.28	0	48.847805	-86.927465	56833.27	56233	17.02	56850.29	56872.76953	56993.29568	57050.27734	505321.5	5410539.7
L5320.1	505321.5	5410541.4	19040.59961	432.41	0	48.847820	-86.927466	56834.64	56233	17.02	56851.67	56874.16797	56994.12619	57050.67969	505321.5	5410541.4
L5320.1	505321.5	5410543.1	19040.69922	431.63	0	48.847835	-86.927466	56836.24	56233	17.02	56853.26	56875.77734	57000.48811	57056.62109	505321.5	5410543.1
L5320.1	505321.5	5410543.1	19040.80078	431.82	0	48.847835	-86.927466	56837.63	56233	17.03	56854.65	56877.18359	57002.64848	57058.35938	505321.5	5410543.1
L5320.1	505321.4	5410545.0	19040.90039	431.84	0	48.847852	-86.927466	56839.20	56233	17.03	56856.23	56878.77734	57009.88262	57065.17188	505321.4	5410545.0
L5320.1	505321.4	5410545.0	19041.00000	432.52	0	48.847852	-86.927466	56840.70	56233	17.03	56857.72	56880.27734	57015.54546	57070.41016	505321.4	5410545.0
L5320.1	505321.4	5410546.5	19041.09961	430.96	0	48.847866	-86.927466	56842.06	56233	17.03	56859.08	56881.64844	57018.69409	57073.14063	505321.4	5410546.5
L5320.1	505321.4	5410548.2	19041.19922	431.43	0	48.847881	-86.927467	56843.37	56233	17.03	56860.40	56882.97656	57021.47401	57075.50391	505321.4	5410548.2
L5320.1	505321.4	5410548.2	19041.30078	431.51	0	48.847881	-86.927467	56844.46	56233	17.03	56861.48	56884.06250	57019.13955	57072.75391	505321.4	5410548.2
L5320.1	505321.4	5410549.8	19041.40039	432.07	0	48.847896	-86.927467	56846.20	56233	17.03	56863.23	56885.81641	57033.31929	57086.51953	505321.4	5410549.8
L5320.1	505321.4	5410551.6	19041.50000	430.36	0	48.847912	-86.927467	56847.31	56233	17.02	56864.33	56886.91797	57032.65421	57085.43750	505321.4	5410551.6
L5320.1	505321.3	5410553.2	19041.59961	430.16	0	48.847926	-86.927468	56848.83	56233	17.02	56865.86	56888.44922	57042.81131	57095.18359	505321.3	5410553.2
L5320.1	505321.3	5410553.2	19041.69922	429.28	0	48.847926	-86.927468	56849.53	56233	17.02	56866.55	56889.13672	57033.61870	57085.57813	505321.3	5410553.2
L5320.1	505321.3	5410554.9	19041.80078	429.45	0	48.847941	-86.927468	56850.91	56233	17.02	56867.94	56890.52344	57041.67250	57093.22266	505321.3	5410554.9
L5320.1	505321.3	5410556.6	19041.90039	429.20	0	48.847957	-86.927468	56852.00	56233	17.02	56869.02	56891.59766	57042.97776	57094.11719	505321.3	5410556.6

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5320.1	505321.3	5410558.4	19042.00000	429.80	0	48.847973	-86.927468	56853.16	56233	17.02	56870.18	56892.75000	57046.80454	57097.53516	505321.3	5410558.4
L5320.1	505321.3	5410558.4	19042.09961	430.63	0	48.847973	-86.927468	56854.14	56233	17.02	56871.16	56893.71875	57046.97776	57097.30078	505321.3	5410558.4
L5320.1	505321.3	5410559.9	19042.19922	430.54	0	48.847986	-86.927469	56854.96	56233	17.02	56871.97	56894.51953	57043.73741	57093.65625	505321.3	5410559.9
L5320.1	505321.2	5410561.6	19042.30078	428.87	0	48.848001	-86.927469	56856.45	56233	17.01	56873.46	56895.99219	57057.28230	57106.79688	505321.2	5410561.6
L5320.1	505321.2	5410561.6	19042.40039	428.86	0	48.848001	-86.927469	56856.96	56233	17.01	56873.98	56896.49609	57048.40827	57097.51563	505321.2	5410561.6
L5320.1	505321.2	5410563.6	19042.50000	427.63	0	48.848020	-86.927469	56858.00	56233	17.01	56875.01	56897.51172	57052.28277	57100.98438	505321.2	5410563.6
L5320.1	505321.2	5410565.7	19042.59961	428.50	0	48.848038	-86.927469	56858.57	56233	17.01	56875.57	56898.05078	57045.62069	57093.92188	505321.2	5410565.7
L5320.1	505321.2	5410565.7	19042.69922	426.09	0	48.848038	-86.927469	56859.90	56233	17.01	56876.91	56899.36719	57058.12368	57106.02344	505321.2	5410565.7
L5320.1	505321.2	5410567.0	19042.80078	430.20	0	48.848050	-86.927470	56860.26	56233	17.00	56877.27	56899.70313	57047.97225	57095.46875	505321.2	5410567.0
L5320.1	505321.2	5410568.6	19042.90039	430.51	0	48.848065	-86.927470	56861.04	56233	17.00	56878.04	56900.44922	57048.19383	57095.28906	505321.2	5410568.6
L5320.1	505321.2	5410568.6	19043.00000	430.85	0	48.848065	-86.927470	56861.96	56233	17.00	56878.96	56901.33984	57052.60975	57099.30078	505321.2	5410568.6
L5320.1	505321.1	5410570.6	19043.09961	431.77	0	48.848083	-86.927470	56862.35	56233	17.00	56879.35	56901.69922	57045.06138	57091.35156	505321.1	5410570.6
L5320.1	505321.1	5410572.0	19043.19922	432.77	0	48.848095	-86.927470	56862.84	56233	17.00	56879.84	56902.16016	57040.51669	57086.41016	505321.1	5410572.0
L5320.1	505321.1	5410573.6	19043.30078	433.22	0	48.848109	-86.927470	56863.58	56233	16.99	56880.58	56902.86328	57042.53799	57088.03125	505321.1	5410573.6
L5320.1	505321.1	5410573.6	19043.40039	433.42	0	48.848109	-86.927470	56864.31	56233	16.99	56881.30	56903.55078	57044.70767	57089.79688	505321.1	5410573.6
L5320.1	505321.1	5410575.4	19043.50000	433.64	0	48.848125	-86.927470	56864.62	56233	16.99	56881.61	56903.82031	57037.75646	57082.44531	505321.1	5410575.4
L5320.1	505321.1	5410577.2	19043.59961	433.91	0	48.848142	-86.927470	56865.36	56233	16.99	56882.35	56904.52344	57041.64083	57085.92969	505321.1	5410577.2
L5320.1	505321.1	5410577.2	19043.69922	431.20	0	48.848142	-86.927470	56865.68	56233	16.99	56882.66	56904.78906	57035.92324	57079.81250	505321.1	5410577.2
L5320.1	505321.1	5410579.0	19043.80078	430.47	0	48.848158	-86.927470	56865.90	56233	16.98	56882.89	56904.97656	57028.91667	57072.40625	505321.1	5410579.0
L5320.1	505321.1	5410580.7	19043.90039	426.91	0	48.848174	-86.927470	56866.44	56233	16.98	56883.42	56905.46094	57029.64666	57072.73438	505321.1	5410580.7
L5320.1	505321.1	5410580.7	19044.00000	426.75	0	48.848174	-86.927470	56866.96	56233	16.98	56883.94	56905.93359	57030.74337	57073.42578	505321.1	5410580.7
L5320.1	505321.1	5410582.8	19044.09961	425.70	0	48.848192	-86.927470	56867.09	56233	16.98	56884.07	56906.01563	57023.17342	57065.45703	505321.1	5410582.8
L5320.1	505321.1	5410584.4	19044.19922	426.70	0	48.848206	-86.927470	56867.63	56233	16.98	56884.61	56906.50391	57025.94119	57067.82422	505321.1	5410584.4
L5320.1	505321.1	5410584.4	19044.30078	427.30	0	48.848206	-86.927470	56868.27	56233	16.98	56885.25	56907.09375	57031.67607	57073.15625	505321.1	5410584.4
L5320.1	505321.1	5410586.0	19044.40039	428.29	0	48.848221	-86.927470	56867.93	56233	16.98	56884.91	56906.69922	57014.71120	57055.78516	505321.1	5410586.0
L5320.1	505321.1	5410587.3	19044.50000	428.30	0	48.848233	-86.927470	56868.53	56233	16.98	56885.51	56907.24219	57020.66261	57061.33203	505321.1	5410587.3
L5320.1	505321.1	5410589.8	19044.59961	430.07	0	48.848255	-86.927470	56868.56	56233	16.98	56885.54	56907.21484	57013.64576	57053.91016	505321.1	5410589.8
L5320.1	505321.1	5410591.0	19044.69922	429.68	0	48.848266	-86.927470	56868.96	56233	16.98	56885.95	56907.56641	57016.22803	57056.08984	505321.1	5410591.0
L5320.1	505321.1	5410591.0	19044.80078	429.56	0	48.848266	-86.927470	56868.74	56233	16.98	56885.72	56907.27344	57004.16735	57043.62109	505321.1	5410591.0
L5320.1	505321.1	5410591.0	19044.90039	430.08	0	48.848266	-86.927470	56869.28	56233	16.98	56886.26	56907.75391	57010.96078	57050.00781	505321.1	5410591.0
L5320.1	505321.1	5410592.8	19045.00000	429.63	0	48.848283	-86.927470	56869.51	56233	16.98	56886.49	56907.91797	57010.94020	57049.57813	505321.1	5410592.8
L5320.1	505321.1	5410594.4	19045.09961	428.28	0	48.848297	-86.927470	56869.48	56233	16.98	56886.46	56907.82422	57005.28729	57043.51563	505321.1	5410594.4
L5320.1	505321.1	5410596.4	19045.19922	428.04	0	48.848315	-86.927470	56869.33	56233	16.98	56886.30	56907.59766	56997.08441	57034.90625	505321.1	5410596.4
L5320.1	505321.1	5410597.7	19045.30078	427.04	0	48.848326	-86.927470	56869.40	56233	16.97	56886.38	56907.60547	56995.11643	57032.52734	505321.1	5410597.7
L5320.1	505321.1	5410597.7	19045.40039	427.44	0	48.848326	-86.927470	56869.64	56233	16.97	56886.61	56907.76563	56997.23796	57034.23828	505321.1	5410597.7
L5320.1	505321.1	5410599.1	19045.50000	430.67	0	48.848339	-86.927470	56869.77	56233	16.97	56886.74	56907.82422	56997.50170	57034.08984	505321.1	5410599.1
L5320.1	505321.1	5410601.3	19045.59961	429.29	0	48.848358	-86.927470	56869.56	56233	16.97	56886.53	56907.54297	56990.19779	57026.37500	505321.1	5410601.3
L5320.1	505321.1	5410602.7	19045.69922	428.74	0	48.848371	-86.927470	56869.64	56233	16.97	56886.61	56907.55078	56990.28836	57026.05078	505321.1	5410602.7
L5320.1	505321.1	5410602.7	19045.80078	427.53	0	48.848371	-86.927470	56869.74	56233	16.96	56886.70	56907.56250	56991.11283	57026.46484	505321.1	5410602.7
L5320.1	505321.1	5410604.4	19045.90039	427.25	0	48.848387	-86.927470	56869.64	56233	16.96	56886.60	56907.38672	56987.91140	57022.84766	505321.1	5410604.4
L5320.1	505321.1	5410606.0	19046.00000	430.02	0	48.848401	-86.927470	56869.36	56233	16.96	56886.32	56907.02734	56980.91393	57015.43359	505321.1	5410606.0
L5320.1	505321.1	5410606.0	19046.09961	429.14	0	48.848401	-86.927470	56869.61	56233	16.96	56886.57	56907.19922	56986.98292	57021.08594	505321.1	5410606.0
L5320.1	505321.1	5410607.6	19046.19922	430.07	0	48.848415	-86.927470	56868.94	56233	16.96	56885.90	56906.44922	56971.65689	57005.34766	505321.1	5410607.6
L5320.1	505321.1	5410608.9	19046.30078	431.69	0	48.848427	-86.927470	56869.04	56233	16.96	56886.01	56906.47656	56975.32154	57008.59375	505321.1	5410608.9
L5320.1	505321.1	5410610.6	19046.40039	433.68	0	48.848442	-86.927470	56868.99	56233	16.96	56885.96	56906.34766	56975.63331	57008.48828	505321.1	5410610.6
L5320.1	505321.1	5410610.6	19046.50000	430.86	0	48.848442	-86.927470	56869.15	56233	16.96	56886.11	56906.41406	56981.13791	57013.57422	505321.1	5410610.6
L5320.1	505321.1	5410612.6	19046.59961	432.28	0	48.848460	-86.927470	56868.74	56233	16.97	56885.70	56905.91797	56973.76858	57005.78906	505321.1	5410612.6
L5320.1	505321.1	5410614.2	19046.69922	433.19	0	48.848475	-86.927470	56868.30	56233	16.97	56885.26	56905.39453	56966.11022	56997.71484	505321.1	5410614.2
L5320.1	505321.1	5410614.2	19046.80078	434.26	0	48.848475	-86.927470	56868.22	56233	16.97	56885.19	56905.23828	56967.65870	56998.84766	505321.1	5410614.2
L5320.1	505321.1	5410616.0	19046.90039	433.29	0	48.848491	-86.927470	56868.14	56233	16.97	56885.11	56905.07031	56969.37622	57000.14453	505321.1	5410616.0
L5320.1	505321.1	5410616.0	19047.00000	431.48	0	48.848491	-86.927470	56868.02	56233	16.97	56884.99	56904.86328	56970.54125	57000.89063	505321.1	5410616.0
L5320.1	505321.1	5410617.5	19047.09961	434.12	0	48.848505	-86.927470	56867.57	56233	16.97	56884.54	56904.32422	56964.25434	56994.18750	505321.1	5410617.5
L5320.1	505321.1	5410619.0	19047.19922	433.38	0	48.848518	-86.927470	56867.27	56233	16.96	56884.23	56903.92578	56961.67434	56991.19531	505321.1	5410619.0
L5320.1	505321.1	5410619.0	19047.30078	430.70	0	48.848518	-86.927470	56867.19	56233	16.96	56884.15	56903.75391	56964.93086	56994.03516	505321.1	5410619.0
L5320.1	505321.1	5410620.8	19047.40039	430.99	0	48.848534	-86.927470	56866.94	56233	16.95	56883.89	56903.40234	56964.27293	56992.96094	505321.1	5410620.8
L5320.1	505321.1	5410622.5	19047.50000	429.49	0	48.848550	-86.927470	56866.75	56233	16.95	56883.70	56903.12500	56965.63181	56993.90625	505321.1	5410622.5
L5320.1	505321.1	5410623.7	19047.59961	429.13	0	48.848560	-86.927470	56866.14	56233.1	16.95	56883.08	56902.41016	56957.11794	56984.97656	505321.1	5410623.7
L5320.1	505321.1	5410623.7	19047.69922	428.73	0	48.848560	-86.927470	56865.88	56233.1	16.94	56882.82	56902.05859	56957.49343	56984.94141	505321.1	5410623.7
L5320.1	505321.1	5410626.4	19047.80078	428.47	0	48.848585	-86.927470	56865.49	56233.1	16.94	56882.43	56901.57813	56955.10624	56982.14453	505321.1	5410626.4
L5320.1	505321.1	5410627.1	19047.90039	428.06	0	48.848591	-86.927470	56865.44	56233.1	16.93	56882.37	56901.42578	56960.87728	56987.50781	505321.1	5410627.1
L5320.1	505321.1	5410627.1	19048.00000	431.19	0	48.848591	-86.927470	56864.46	56233.1	16.93	56881.39	56900.35156	56945.09603	56971.31641	505321.1	5410627.1
L5320.1	505321.1	5410628.7	19048.09961	431.93	0	48.848606	-86.927470	56864.54	56233.1	16.93	56881.47	56900.33984	56954.80009	56980.61328	505321.1	5410628.7
L5320.1	505321.1	5410630.4	19048.19922	431.03	0	48.848620	-86.927470	56863.84	56233.1	16.93	56880.78	56899.55469	56946.49750	56971.91016	505321.1	5410630.4
L5320.1	505321.1	5410630.4	19048.30078	432.69	0	48.848620	-86.927470	56863.70	56233.1	16.93	56880.63	56899.31250	56951.30590	56976.31641	505321.1	5410630.4
L5320.1	505321.1	5410631.9	19048.40039	432.80	0	48.848634	-86.927470	56862.96	56233.1	16.93	56879.90	56898.48828	56942.60362	56967.21484	505321.1	5410631.9
L5320.1	505321.1	5410633.5	19048.50000	431.60	0	48.848648	-86.927470	56862.94	56233.1	16.93	56879.87	56898.36328	56950.79544	56975.00781	505321.1	5410633.5
L5320.1	505321.1	5410635.3	19048.59961	431.89	0	48.848665	-86.927470	56862.09	56233.1	16.94	56879.03	56897.42969	56939.99283	56963.80859	505321.1	5410635.3
L5320.1	505321.1	5410636.9	19048.69922	431.82	0	48.848679	-86.927470	56861.76	56233.1	16.94	56878.70	56897.00391	56941.55098	56964.97656	505321.1	5410636.9
L5320.1	505321.1	5410636.9	19048.80078	434.13	0	48.848679	-86.927470	56861.34	56233.1	16.94	56878.28	56896.49219	56941.20388	56964.23828	505321.1	5410636.9
L5320.1	505321.1	5410638.6	19048.90039	435.46	0	48.848694	-86.927470	56860.50	56233.1	16.94	56877.43	56895.54688	56930.86339	56953.51172	505321.1	5410638.6
L5320.1	505321.1	5410638.6	19049.00000	434.39	0	48.848694	-86.927470	56860.65	56233.1	16.94	56877.59	56895.61328	56944.73601	56967.00000	505321.1	5410638.6
L5320.1	505321.1	5410640.4	19049.09961	433.10	0	48.848711	-86.927470	56859.72	56233.1	16.94	56876.66	56894.58984	56932.91415	56954.80078	505321.1	5410640.4
L5320.1	505321.1	5410641.9	19049.19922	432.48	0	48.848724	-86.927469	56859.36	56233.1	16.94	56876.30	56894.13672	56934.83173	56956.34375	505321.1	5410641.9
L5320.1	505321.1	5410643.0	19049.30078	431.74	0	48.848734	-86.927469	56858.33	56233.1	16.93	56875.27	56893.01563	56921.01569	56942.15234	505321.1	5410643.0
L5320.1	505321.1	5410643.0	19049.40039	431.85	0	48.848734	-86.927469	56858.10	56233.1	16.93	56875.03	56892.68359	56926.14773	56946.91797	505321.1	5410643.0
L5320.1	505321.1	5410644.6	19049.50000	432.66	0	48.848749	-86.927469	56857.38	56233.1	16.93	56874.31	56891.87109	56920.04197	56940.44531	505321.1	5410644.6
L5320.1	505321.1	5410645.8	19049.59961	432.60	0	48.848759	-86.927469	56856.84	56233.1	16.93	56873.77	56891.23828	56918.37133	56938.41406	505321.1	5410645.8
L5320.1	505321.1	5410646.9	19049.69922	432.72	0	48.848769	-86.927469	56856.24	56233.1	16.93	56873.17	56890.54688	56915.42380	56935.11328	505321.1	5410646.9
L5320.1	505321.2	5410648.2	19049.80078	434.45	0	48.848780	-86.927469	56855.76	56233.1	16.92	56872.68	56889.96484	56915.22944	56934.56641	505321.2	5410648.2
L5320.1	505321.2	5410648.2	19049.90039	433.06	0	48.848780	-86.927469	56855.45	56233.1	16.92	56872.37	56889.56641	56919.44220	56938.43359	505321.2	5410648.2
L5320.1	505321.2	5410649.9	19050.00000	431.74	0	48.848796	-86.927469	56854.57	56233.1	16.92	56871.49	56888.59375	56910.23203	56928.88281	505321.2	5410649.9
L5320.1	505321.2	5410651.4	19050.09961	431.39	0	48.848810	-86.927469	56854.16	56233.1	16.92	56871.08	56888.09766	56912.30114	56930.61328	505321.2	5410651.4
L5320.1	505321.2	5410651.4	19050.19922	429.44	0	48.848810	-86.927469	56852.97	56233.1	16.92	56869.89	56886.81641	56895.93902	56913.92188	505321.2	5410651.4
L5320.1	505321.2	5410652.6	19050.30078	429.72	0	48.848820	-86.927469	56852.75	56233.1	16.92	56869.66	56886.50000	56902.48067	56920.14063	505321.2	5410652.6
L5320.1	505321.2	5410653.6	19050.40039	431.17	0	48.848830	-86.927469	56851.71	56233.1	16.92	56868.63	56885.38281	56890.09752	56907.43750	505321.2	5410653.6
L5320.1	505321.2	5410653.6	19050.50000	430.06	0	48.848830	-86.927469	56851.54	56233.1	16.92	56868.45	56885.11328	56897.98615	56915.01172	505321.2	5410653.6
L5320.1	505321.2	5410654.9	19050.59961	428.73	0	48.848841	-86.927469	56850.58	56233.1	16.91	56867.49	56884.07031	56887.40702	56904.12109	505321.2	5410654.9
L5320.1	505321.2	5410656.2	19050.69922	429.70	0	48.848852	-86.927469	56850.33	56233.1	16.91	56867.24	56883.73438	56893.75503	56910.16797	505321.2	5410656.2
L5320.1	505321.2	5410657.6	19050.80078	428.95	0	48.848865	-86.927469	56849.37	56233.1	16.91	56866.28	56882.68750	56883.28054	56899.39844	505321.2	5410657.6
L5320.1	505321.2	5410657.6	19050.90039	428.83	0	48.848865	-86.927469	56848.63	56233.1	16.91	56865.54	56881.86719	56878.07238	56893.90234	505321.2	5410657.6
L5320.1	505321.1	5410659.0	19051.00000	431.52	0	48.848877	-86.927469	56848.24	56233.1	16.91	56865.15	56881.39453	56881.21062	56896.75781	505321.1	5410659.0
L5320.1	505321.2	5410660.4	19051.09961	430.12	0	48.848891	-86.927469	56847.31	56233.1	16.91	56864.22	56880.38281	56871.53913	56886.80859	505321.2	5410660.4
L5320.1	505321.2	5410661.8	19051.19922	428.22	0	48.848903	-86.927468	56846.95	56233.1	16.91	56863.85	56879.92969	56875.18630	56890.18750	505321.2	5410661.8

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5320.1	505321.2	5410661.8	19051.30078	430.17	0	48.848903	-86.927468	56845.82	56233.1	16.90	56862.72	56878.71875	56860.77888	56875.51953	505321.2	5410661.8
L5320.1	505321.2	5410663.4	19051.40039	430.83	0	48.848917	-86.927468	56845.74	56233.1	16.90	56862.64	56878.56250	56871.31573	56885.80078	505321.2	5410663.4
L5320.1	505321.2	5410663.4	19051.50000	431.20	0	48.848917	-86.927468	56845.07	56233.1	16.90	56861.97	56877.81250	56867.82021	56882.05469	505321.2	5410663.4
L5320.1	505321.2	5410664.6	19051.59961	429.91	0	48.848929	-86.927468	56844.81	56233.1	16.90	56861.71	56877.47656	56874.04489	56888.03906	505321.2	5410664.6
L5320.1	505321.2	5410666.0	19051.69922	428.96	0	48.848940	-86.927468	56843.94	56233.1	16.90	56860.84	56876.53125	56865.74513	56879.50391	505321.2	5410666.0
L5320.1	505321.2	5410666.0	19051.80078	431.13	0	48.848940	-86.927468	56843.35	56233.1	16.89	56860.24	56875.85547	56863.82233	56877.35547	505321.2	5410666.0
L5320.1	505321.2	5410667.1	19051.90039	432.02	0	48.848951	-86.927468	56842.73	56233.1	16.89	56859.62	56875.16016	56861.37756	56874.69531	505321.2	5410667.1
L5320.1	505321.2	5410668.1	19052.00000	431.38	0	48.848960	-86.927467	56842.23	56233.1	16.89	56859.12	56874.58984	56861.72926	56874.83594	505321.2	5410668.1
L5320.1	505321.2	5410668.1	19052.09961	430.33	0	48.848960	-86.927467	56841.81	56233.1	16.89	56858.70	56874.09766	56863.91893	56876.82031	505321.2	5410668.1
L5320.1	505321.2	5410669.3	19052.19922	429.81	0	48.848970	-86.927467	56840.80	56233.1	16.89	56857.69	56873.01563	56852.01874	56864.72656	505321.2	5410669.3
L5320.1	505321.3	5410670.4	19052.30078	429.62	0	48.848980	-86.927467	56840.41	56233.1	16.89	56857.30	56872.55859	56854.77170	56867.29297	505321.3	5410670.4
L5320.1	505321.3	5410670.4	19052.40039	428.92	0	48.848980	-86.927467	56839.66	56233.1	16.89	56856.56	56871.75000	56849.12186	56861.46484	505321.3	5410670.4
L5320.1	505321.3	5410671.5	19052.50000	431.26	0	48.848990	-86.927467	56839.40	56233.1	16.89	56856.30	56871.42188	56854.78326	56866.95313	505321.3	5410671.5
L5320.1	505321.3	5410672.5	19052.59961	429.49	0	48.848999	-86.927467	56838.48	56233.1	16.90	56855.38	56870.43359	56844.66078	56856.66797	505321.3	5410672.5
L5320.1	505321.3	5410672.5	19052.69922	427.23	0	48.848999	-86.927467	56838.12	56233.1	16.90	56855.02	56870.01172	56847.73547	56859.58594	505321.3	5410672.5
L5320.1	505321.3	5410673.6	19052.80078	426.23	0	48.849009	-86.927467	56837.76	56233.1	16.90	56854.66	56869.58594	56850.69387	56862.39844	505321.3	5410673.6
L5320.1	505321.3	5410674.6	19052.90039	426.80	0	48.849018	-86.927466	56837.02	56233.1	16.90	56853.92	56868.78516	56844.49961	56856.06641	505321.3	5410674.6
L5320.1	505321.3	5410675.5	19053.00000	424.10	0	48.849026	-86.927466	56836.75	56233.1	16.90	56853.65	56868.45313	56849.34250	56860.78125	505321.3	5410675.5
L5320.1	505321.3	5410675.5	19053.09961	425.09	0	48.849026	-86.927466	56836.09	56233.1	16.90	56852.99	56867.73047	56844.78114	56856.09375	505321.3	5410675.5
L5320.1	505321.3	5410676.5	19053.19922	425.16	0	48.849035	-86.927466	56835.77	56233.1	16.90	56852.67	56867.35156	56848.15429	56859.35547	505321.3	5410676.5
L5320.1	505321.3	5410677.6	19053.30078	427.56	0	48.849045	-86.927466	56835.08	56233.1	16.90	56851.98	56866.60547	56842.58495	56853.67969	505321.3	5410677.6
L5320.1	505321.3	5410677.6	19053.40039	427.81	0	48.849045	-86.927466	56834.43	56233.1	16.90	56851.33	56865.89844	56837.80861	56848.80859	505321.3	5410677.6
L5320.1	505321.3	5410678.6	19053.50000	427.16	0	48.849054	-86.927466	56833.77	56233.1	16.90	56850.67	56865.18359	56832.63084	56843.54297	505321.3	5410678.6
L5320.1	505321.3	5410679.6	19053.59961	428.68	0	48.849063	-86.927466	56833.28	56233.1	16.90	56850.18	56864.63672	56831.32238	56842.15234	505321.3	5410679.6
L5320.1	505321.3	5410680.4	19053.69922	427.65	0	48.849070	-86.927466	56832.94	56233.1	16.90	56849.84	56864.24219	56833.40192	56844.16016	505321.3	5410680.4
L5320.1	505321.3	5410681.2	19053.80078	430.72	0	48.849078	-86.927466	56832.56	56233.1	16.90	56849.46	56863.81250	56834.34890	56845.04297	505321.3	5410681.2
L5320.1	505321.4	5410682.1	19053.90039	432.67	0	48.849085	-86.927466	56832.18	56233.1	16.90	56849.08	56863.37891	56835.10797	56845.75000	505321.4	5410682.1
L5320.1	505321.4	5410682.1	19054.00000	428.40	0	48.849085	-86.927466	56831.73	56233.1	16.90	56848.63	56862.87891	56834.01023	56844.60156	505321.4	5410682.1
L5320.1	505321.4	5410683.0	19054.09961	428.87	0	48.849094	-86.927465	56831.16	56233.1	16.90	56848.06	56862.26172	56829.86212	56840.41406	505321.4	5410683.0
L5320.1	505321.4	5410683.0	19054.19922	429.30	0	48.849094	-86.927465	56830.78	56233.1	16.89	56847.68	56861.83203	56830.02425	56840.54688	505321.4	5410683.0
L5320.1	505321.4	5410684.0	19054.30078	429.25	0	48.849103	-86.927465	56830.55	56233.1	16.89	56847.44	56861.54688	56833.30340	56843.80469	505321.4	5410684.0
L5320.1	505321.4	5410684.8	19054.40039	427.02	0	48.849110	-86.927465	56829.82	56233.1	16.89	56846.71	56860.77344	56824.72513	56835.21094	505321.4	5410684.8
L5320.1	505321.4	5410685.7	19054.50000	427.79	0	48.849118	-86.927465	56829.34	56233.1	16.89	56846.22	56860.23828	56821.63016	56832.10938	505321.4	5410685.7
L5320.1	505321.4	5410685.7	19054.59961	426.85	0	48.849118	-86.927465	56829.00	56233.1	16.88	56845.89	56859.86328	56822.11297	56832.58984	505321.4	5410685.7
L5320.1	505321.4	5410686.4	19054.69922	424.59	0	48.849125	-86.927465	56828.85	56233.1	16.88	56845.73	56859.66016	56826.40666	56836.89063	505321.4	5410686.4
L5320.1	505321.4	5410687.2	19054.80078	423.90	0	48.849131	-86.927465	56828.48	56233.1	16.88	56845.36	56859.25000	56825.47775	56835.98047	505321.4	5410687.2
L5320.1	505321.4	5410687.8	19054.90039	424.49	0	48.849137	-86.927465	56827.85	56233.1	16.87	56844.72	56858.57031	56817.89645	56828.42188	505321.4	5410687.8
L5320.1	505321.4	5410687.8	19055.00000	426.75	0	48.849137	-86.927465	56827.64	56233.1	16.87	56844.51	56858.32031	56820.29151	56830.84766	505321.4	5410687.8
L5320.1	505321.4	5410688.8	19055.09961	426.73	0	48.849146	-86.927465	56827.18	56233.1	16.87	56844.05	56857.82422	56816.50168	56827.09766	505321.4	5410688.8
L5320.1	505321.4	5410689.4	19055.19922	425.98	0	48.849151	-86.927465	56826.76	56233.1	16.87	56843.63	56857.36719	56813.41406	56824.05469	505321.4	5410689.4
L5320.1	505321.4	5410690.0	19055.30078	426.88	0	48.849157	-86.927466	56826.35	56233.1	16.87	56843.22	56856.91797	56810.31242	56821.00391	505321.4	5410690.0
L5320.1	505321.4	5410690.0	19055.40039	429.51	0	48.849157	-86.927466	56826.17	56233.1	16.87	56843.04	56856.70313	56812.42098	56823.17188	505321.4	5410690.0
L5320.1	505321.3	5410690.8	19055.50000	429.49	0	48.849164	-86.927466	56825.61	56233.1	16.87	56842.48	56856.10938	56805.24248	56816.06250	505321.3	5410690.8
L5320.1	505321.3	5410691.4	19055.59961	426.56	0	48.849169	-86.927466	56825.19	56233.1	16.87	56842.06	56855.65625	56801.12981	56812.01953	505321.3	5410691.4
L5320.1	505321.3	5410691.4	19055.69922	427.59	0	48.849169	-86.927466	56824.94	56233.1	16.87	56841.81	56855.37500	56800.79317	56811.76172	505321.3	5410691.4
L5320.1	505321.3	5410692.2	19055.80078	428.53	0	48.849177	-86.927466	56824.78	56233.1	16.87	56841.65	56855.18359	56802.32921	56813.38281	505321.3	5410692.2
L5320.1	505321.3	5410692.8	19055.90039	426.71	0	48.849181	-86.927466	56824.65	56233.1	16.87	56841.52	56855.01953	56804.31000	56815.45703	505321.3	5410692.8
L5320.1	505321.3	5410693.4	19056.00000	426.85	0	48.849187	-86.927466	56824.12	56233.1	16.87	56840.99	56854.46094	56796.51624	56807.76172	505321.3	5410693.4
L5320.1	505321.3	5410693.4	19056.09961	427.10	0	48.849187	-86.927466	56824.11	56233.1	16.87	56840.98	56854.42188	56800.80619	56812.15234	505321.3	5410693.4
L5320.1	505321.3	5410693.9	19056.19922	429.59	0	48.849192	-86.927466	56823.83	56233.1	16.87	56840.70	56854.11328	56798.40695	56809.86328	505321.3	5410693.9
L5320.1	505321.3	5410694.5	19056.30078	430.64	0	48.849197	-86.927467	56823.41	56233.1	16.87	56840.29	56853.67578	56792.64357	56804.21484	505321.3	5410694.5
L5320.1	505321.3	5410695.1	19056.40039	427.12	0	48.849203	-86.927467	56823.14	56233.1	16.87	56840.01	56853.36719	56789.69264	56801.38281	505321.3	5410695.1
L5320.1	505321.3	5410695.1	19056.50000	426.64	0	48.849203	-86.927467	56822.95	56233.1	16.88	56839.83	56853.16016	56788.84021	56800.65625	505321.3	5410695.1
L5320.1	505321.2	5410695.6	19056.59961	429.32	0	48.849207	-86.927467	56822.90	56233.1	16.88	56839.77	56853.07422	56790.56061	56802.50781	505321.2	5410695.6
L5320.1	505321.2	5410696.0	19056.69922	430.21	0	48.849210	-86.927467	56822.57	56233.1	16.88	56839.44	56852.71875	56785.58630	56797.66406	505321.2	5410696.0
L5320.1	505321.2	5410696.0	19056.80078	426.35	0	48.849210	-86.927467	56822.28	56233.1	16.88	56839.15	56852.40625	56781.28270	56793.50000	505321.2	5410696.0
L5320.1	505321.2	5410696.4	19056.90039	428.44	0	48.849214	-86.927467	56821.85	56233.1	16.88	56838.73	56851.96094	56773.61010	56785.97266	505321.2	5410696.4
L5320.1	505321.2	5410697.0	19057.00000	431.67	0	48.849220	-86.927467	56821.70	56233.1	16.88	56838.57	56851.77734	56771.83515	56784.34375	505321.2	5410697.0
L5320.1	505321.2	5410697.4	19057.09961	432.10	0	48.849223	-86.927467	56821.48	56233.1	16.88	56838.36	56851.54688	56768.59200	56781.25391	505321.2	5410697.4
L5320.1	505321.2	5410697.4	19057.19922	428.58	0	48.849223	-86.927467	56821.28	56233.1	16.88	56838.16	56851.32422	56765.30655	56778.12109	505321.2	5410697.4
L5320.1	505321.2	5410697.8	19057.30078	427.25	0	48.849227	-86.927467	56821.33	56233.1	16.88	56838.21	56851.35156	56767.68187	56780.65625	505321.2	5410697.8
L5320.1	505321.3	5410698.3	19057.40039	426.33	0	48.849231	-86.927467	56821.13	56233.1	16.88	56838.01	56851.12891	56763.83805	56776.97266	505321.3	5410698.3
L5320.1	505321.3	5410698.3	19057.50000	427.90	0	48.849231	-86.927467	56820.94	56233.1	16.88	56837.82	56850.91797	56759.95378	56773.25391	505321.3	5410698.3
L5320.1	505321.3	5410698.5	19057.59961	429.62	0	48.849233	-86.927467	56820.71	56233.1	16.88	56837.59	56850.66797	56754.84197	56768.30859	505321.3	5410698.5
L5320.1	505321.3	5410698.9	19057.69922	428.17	0	48.849236	-86.927467	56820.79	56233.1	16.88	56837.67	56850.72656	56756.82016	56770.45313	505321.3	5410698.9
L5320.1	505321.3	5410698.9	19057.80078	428.32	0	48.849236	-86.927467	56820.45	56233.1	16.88	56837.33	56850.36719	56748.54412	56762.35156	505321.3	5410698.9
L5320.1	505321.3	5410699.2	19057.90039	428.05	0	48.849239	-86.927467	56820.22	56233.1	16.88	56837.10	56850.11719	56742.60871	56756.58984	505321.3	5410699.2
L5320.1	505321.3	5410699.4	19058.00000	445.07	0	48.849241	-86.927467	56819.91	56233.1	16.88	56836.79	56849.78516	56734.50103	56748.65625	505321.3	5410699.4
L5320.1	505321.3	5410699.7	19058.09961	443.25	0	48.849244	-86.927467	56819.84	56233.1	16.88	56836.72	56849.69531	56731.82647	56746.16016	505321.3	5410699.7
L5320.1	505321.3	5410699.7	19058.19922	449.68	0	48.849244	-86.927467	56819.71	56233.1	16.88	56836.59	56849.54688	56727.45873	56741.96875	505321.3	5410699.7
L5320.1	505321.2	5410699.9	19058.30078	452.32	0	48.849245	-86.927467	56819.58	56233.1	16.88	56836.46	56849.39844	56722.82568	56737.51563	505321.2	5410699.9
L5320.1	505321.3	5410700.0	19058.40039	454.01	0	48.849247	-86.927467	56819.50	56233.1	16.88	56836.38	56849.29688	56719.11770	56733.98828	505321.3	5410700.0
L5320.1	505321.3	5410700.2	19058.50000	454.67	0	48.849248	-86.927467	56819.35	56233.1	16.88	56836.23	56849.12891	56713.48598	56728.53516	505321.3	5410700.2
L5320.1	505321.3	5410700.2	19058.59961	455.12	0	48.849248	-86.927467	56819.63	56233.1	16.88	56836.51	56849.39063	56717.81370	56733.04297	505321.3	5410700.2
L5370.0	505371.7	5409677.2	13009.20020	337.21	54.66	48.840045	-86.926793	56225.52	56250.2	-0.17	56225.35	56232.83984	56410.04752	56189.91797	505371.7	5409677.2
L5370.0	505371.7	5409677.1	13009.29981	336.51	54.66	48.840044	-86.926793	56224.47	56250.2	-0.17	56224.30	56231.58594	56395.41737	56178.44141	505371.7	5409677.1
L5370.0	505371.7	5409676.9	13009.40039	334.97	55.12	48.840043	-86.926792	56223.45	56250.2	-0.17	56223.28	56230.36328	56382.31282	56168.48828	505371.7	5409676.9
L5370.0	505371.8	5409676.8	13009.50000	334.69	54.93	48.840041	-86.926792	56222.33	56250.2	-0.17	56222.16	56229.03906	56367.75770	56157.08594	505371.8	5409676.8
L5370.0	505371.8	5409676.8	13009.59961	335.87	54.93	48.840041	-86.926792	56221.22	56250.2	-0.17	56221.05	56227.72656	56354.29087	56146.76563	505371.8	5409676.8
L5370.0	505371.8	5409676.5	13009.70020	335.87	54.57	48.840039	-86.926791	56220.11	56250.2	-0.17	56219.94	56226.41406	56341.66866	56137.28516	505371.8	5409676.5
L5370.0	505371.9	5409676.3	13009.79981	335.38	54.57	48.840037	-86.926790	56219.02	56250.2	-0.17	56218.85	56225.12109	56330.32860	56129.07813	505371.9	5409676.3
L5370.0	505371.9	5409676.3	13009.90039	336.48	54.95	48.840037	-86.926790	56217.91	56250.2	-0.17	56217.74	56223.80859	56319.35127	56121.23047	505371.9	5409676.3
L5370.0	505371.9	5409676.1	13010.00000	334.59	54.95	48.840035	-86.926790	56216.79	56250.2	-0.17	56216.62	56222.48438	56308.94088	56113.94141	505371.9	5409676.1
L5370.0	505371.9	5409675.8	13010.09961	335.12	55.3	48.840033	-86.926789	56215.76	56250.2	-0.17	56215.59	56221.25391	56301.31142	56109.42578	505371.9	5409675.8
L5370.0	505372.0	5409675.5	13010.20020	333.94	42.04	48.840030	-86.926789	56214.62	56250.2	-0.17	56214.45	56219.91016	56291.96093	56103.17578	505372.0	5409675.5
L5370.0	505372.0	5409675.5	13010.29981	332.77	43.99	48.840030	-86.926789	56213.55	56250.2	-0.17	56213.38	56218.63672	56284.89824	56099.20703	505372.0	5409675.5
L5370.0	505372.0	5409675.2	13010.40039	333.04	43.99	48.840028	-86.926789	56212.47	56250.2	-0.17	56212.30	56217.35547	56278.31740	56095.70313	505372.0	5409675.2
L5370.0	505372.0	5409675.1	13010.50000	334.71	49.02	48.840026	-86.926789	56211.45	56250.2	-0.17	56211.29	56216.14453	56273.98370	56094.43359	505372.0	5409675.1
L5370.0	505372.0	5409674.8	13010.50000	334.71	49.02	48.840023	-86.926788	56210.41	56250.2	-0.17	56210.25	56214.90234	56269.65699	56093.15625	505372.0	5409674.8
L5370.0	505372.0	5409674.5	13010.70020	335.43	49.77	48.840020	-86.926788	56209.34	56250.2	-0.16	56209.17	56213.62109	56265.10520	56091.64063	505372.0	5409674.5
L5370.0	505372.0	5409674.1	13010.79981	336.48	50.59	48.840017	-86.926789	56208.34	56250.2	-0.16	56208.18	56212.42969	56263.19828	56092.75000	505372.0	5409674.1
L5370.0	505372.0	5409673.8	13010.90039	335.74	50.59	48.840014	-86.926789	56207.35	56250.2	-0.16	56207.19	56211.23828	56261.92711	56094.48047	505372.0	5409673.8
L5370.0	505372.0	5409673.8	13011.00000	336.03	52.05	48.840014	-86.926789	56206.35	56250.2	-0.16	56206.19	56210.03906	56261.05915	56096.59375	505372.0	5409673.8

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5370.0	505372.0	5409673.4	13011.09961	334.32	52.05	48.840011	-86.926789	56205.36	56250.2	-0.16	56205.20	56208.85156	56261.02572	56099.51953	505372.0	5409673.4
L5370.0	505371.9	5409673.0	13011.20020	336.15	56.25	48.840007	-86.926789	56204.20	56250.2	-0.16	56204.04	56207.49219	56257.84278	56099.27734	505371.9	5409673.0
L5370.0	505371.9	5409672.5	13011.29981	336.35	56.25	48.840003	-86.926790	56203.08	56250.2	-0.15	56202.93	56206.18359	56256.35912	56100.71484	505371.9	5409672.5
L5370.0	505371.9	5409672.5	13011.40039	335.74	52.91	48.840003	-86.926790	56201.94	56250.2	-0.15	56201.79	56204.84375	56254.79677	56102.04688	505371.9	5409672.5
L5370.0	505371.9	5409672.1	13011.50000	337.17	52.91	48.839999	-86.926790	56200.81	56250.2	-0.15	56200.66	56203.51563	56254.02441	56104.14844	505371.9	5409672.1
L5370.0	505371.8	5409671.7	13011.59961	335.85	52.96	48.839996	-86.926791	56199.56	56250.1	-0.15	56199.42	56202.07813	56251.38762	56104.35938	505371.8	5409671.7
L5370.0	505371.8	5409671.2	13011.70020	334.22	52.96	48.839991	-86.926792	56198.34	56250.1	-0.15	56198.19	56200.65234	56249.51593	56105.31250	505371.8	5409671.2
L5370.0	505371.8	5409671.2	13011.79981	334.62	53.16	48.839991	-86.926792	56196.96	56250.1	-0.14	56196.81	56199.07422	56244.87877	56103.47266	505371.8	5409671.2
L5370.0	505371.7	5409670.6	13011.90039	335.22	53.16	48.839986	-86.926793	56195.56	56250.1	-0.14	56195.42	56197.48828	56240.53993	56101.90625	505371.7	5409670.6
L5370.0	505371.6	5409670.3	13012.00000	333.55	54.58	48.839983	-86.926794	56194.20	56250.1	-0.14	56194.06	56195.93359	56237.36117	56101.46875	505371.6	5409670.3
L5370.0	505371.6	5409669.8	13012.09961	332.80	54.58	48.839979	-86.926795	56192.72	56250.1	-0.14	56192.58	56194.25781	56232.03162	56098.85547	505371.6	5409669.8
L5370.0	505371.5	5409669.3	13012.20020	334.85	56.11	48.839974	-86.926795	56191.29	56250.1	-0.15	56191.15	56192.63281	56228.26950	56097.77734	505371.5	5409669.3
L5370.0	505371.5	5409669.3	13012.29981	333.20	55.44	48.839974	-86.926795	56189.76	56250.1	-0.15	56189.61	56190.89844	56222.53951	56094.70313	505371.5	5409669.3
L5370.0	505371.4	5409668.7	13012.40039	332.60	55.44	48.839969	-86.926796	56188.28	56250.2	-0.15	56188.13	56189.22656	56218.55963	56093.34766	505371.4	5409668.7
L5370.0	505371.4	5409668.2	13012.50000	332.77	55.48	48.839964	-86.926797	56186.80	56250.2	-0.15	56186.64	56187.54297	56214.77167	56092.15234	505371.4	5409668.2
L5370.0	505371.3	5409667.8	13012.50000	332.77	55.48	48.839961	-86.926798	56185.30	56250.2	-0.15	56185.14	56185.85156	56211.15540	56091.09766	505371.3	5409667.8
L5370.0	505371.3	5409667.1	13012.70020	335.89	55.48	48.839954	-86.926799	56183.80	56250.2	-0.16	56183.64	56184.16016	56207.91114	56090.38281	505371.3	5409667.1
L5370.0	505371.3	5409667.1	13012.79981	336.59	56.36	48.839954	-86.926799	56182.25	56250.2	-0.16	56182.08	56182.41016	56203.68556	56088.65234	505371.3	5409667.1
L5370.0	505371.2	5409666.6	13012.90039	337.12	56.75	48.839950	-86.926799	56180.79	56250.2	-0.17	56180.62	56180.76172	56202.01564	56089.44141	505371.2	5409666.6
L5370.0	505371.2	5409666.1	13013.00000	336.51	56.75	48.839945	-86.926800	56179.21	56250.2	-0.17	56179.04	56178.99219	56197.97923	56087.83203	505371.2	5409666.1
L5370.0	505371.2	5409665.5	13013.09961	335.26	56.54	48.839940	-86.926800	56177.68	56250.2	-0.17	56177.51	56177.27344	56195.34655	56087.59375	505371.2	5409665.5
L5370.0	505371.2	5409664.9	13013.20020	335.47	54.87	48.839934	-86.926800	56176.10	56250.2	-0.17	56175.93	56175.50781	56191.85528	56086.46094	505371.2	5409664.9
L5370.0	505371.2	5409664.4	13013.29981	335.38	54.87	48.839930	-86.926800	56174.55	56250.2	-0.17	56174.38	56173.76953	56189.28558	56086.21094	505371.2	5409664.4
L5370.0	505371.2	5409663.7	13013.40039	336.85	55.92	48.839924	-86.926800	56172.88	56250.2	-0.17	56172.71	56171.91406	56184.21455	56083.42578	505371.2	5409663.7
L5370.0	505371.2	5409663.7	13013.50000	335.20	55.92	48.839924	-86.926800	56171.36	56250.2	-0.17	56171.20	56170.22266	56182.98561	56084.44531	505371.2	5409663.7
L5370.0	505371.2	5409662.9	13013.59961	337.73	57.87	48.839917	-86.926800	56169.68	56250.2	-0.16	56169.51	56168.34766	56177.82771	56081.50391	505371.2	5409662.9
L5370.0	505371.2	5409662.9	13013.70020	336.67	58.69	48.839917	-86.926800	56168.13	56250.2	-0.16	56167.96	56166.61328	56176.03902	56081.89063	505371.2	5409662.9
L5370.0	505371.2	5409662.2	13013.79981	337.51	58.69	48.839910	-86.926800	56166.43	56250.2	-0.16	56166.27	56164.74219	56171.17113	56079.16016	505371.2	5409662.2
L5370.0	505371.2	5409661.4	13013.90039	337.86	58.44	48.839903	-86.926800	56164.86	56250.2	-0.16	56164.70	56162.99219	56169.19483	56079.28516	505371.2	5409661.4
L5370.0	505371.2	5409660.9	13014.00000	338.70	58.44	48.839898	-86.926800	56163.20	56250.2	-0.16	56163.03	56161.14063	56165.00985	56077.16016	505371.2	5409660.9
L5370.0	505371.2	5409660.9	13014.09961	337.30	58.78	48.839898	-86.926800	56161.53	56250.2	-0.16	56161.36	56159.29297	56160.90816	56075.08594	505371.2	5409660.9
L5370.0	505371.2	5409660.2	13014.20020	337.01	60.01	48.839893	-86.926800	56159.86	56250.2	-0.17	56159.69	56157.44141	56156.87378	56073.03516	505371.2	5409660.2
L5370.0	505371.2	5409659.5	13014.29981	338.52	60.01	48.839886	-86.926800	56158.25	56250.2	-0.17	56158.08	56155.65625	56154.28800	56072.39844	505371.2	5409659.5
L5370.0	505371.2	5409658.8	13014.40039	337.23	58.32	48.839879	-86.926799	56156.54	56250.2	-0.17	56156.37	56153.76953	56149.40954	56069.42969	505371.2	5409658.8
L5370.0	505371.2	5409658.1	13014.50000	338.51	59.77	48.839873	-86.926799	56154.90	56250.2	-0.18	56154.72	56151.94531	56145.94782	56067.83984	505371.2	5409658.1
L5370.0	505371.2	5409658.1	13014.50000	338.51	59.77	48.839873	-86.926799	56153.18	56250.2	-0.18	56153.01	56150.05859	56141.09471	56064.82031	505371.2	5409658.1
L5370.0	505371.3	5409657.4	13014.70020	337.86	58.75	48.839867	-86.926799	56151.51	56250.2	-0.18	56151.33	56148.20703	56136.93011	56062.44922	505371.3	5409657.4
L5370.0	505371.3	5409656.5	13014.79981	337.98	58.75	48.839859	-86.926799	56149.86	56250.2	-0.18	56149.67	56146.37500	56133.20452	56060.48047	505371.3	5409656.5
L5370.0	505371.3	5409655.9	13014.90039	337.78	58.75	48.839854	-86.926799	56148.20	56250.2	-0.19	56148.01	56144.54297	56129.43695	56058.42969	505371.3	5409655.9
L5370.0	505371.3	5409655.9	13015.00000	338.06	58.69	48.839854	-86.926799	56146.54	56250.2	-0.19	56146.35	56142.71094	56125.61130	56056.28125	505371.3	5409655.9
L5370.0	505371.3	5409655.0	13015.09961	338.28	59.65	48.839846	-86.926798	56144.88	56250.2	-0.19	56144.69	56140.88281	56121.71021	56054.01953	505371.3	5409655.0
L5370.0	505371.3	5409654.4	13015.20020	338.77	62.64	48.839840	-86.926798	56143.21	56250.2	-0.18	56143.03	56139.05469	56117.71641	56051.62891	505371.3	5409654.4
L5370.0	505371.3	5409653.6	13015.29981	338.16	61.8	48.839833	-86.926798	56141.60	56250.2	-0.18	56141.42	56137.27734	56114.75009	56050.22656	505371.3	5409653.6
L5370.0	505371.3	5409652.8	13015.40039	338.21	61.8	48.839826	-86.926798	56140.00	56250.2	-0.18	56139.82	56135.51172	56111.87476	56048.87891	505371.3	5409652.8
L5370.0	505371.3	5409652.0	13015.50000	336.91	60.78	48.839819	-86.926798	56138.30	56250.2	-0.18	56138.12	56133.64844	56106.58731	56045.07813	505371.3	5409652.0
L5370.0	505371.3	5409651.3	13015.59961	336.62	60.78	48.839813	-86.926798	56136.69	56250.2	-0.17	56136.52	56131.88672	56103.39526	56043.33984	505371.3	5409651.3
L5370.0	505371.3	5409651.3	13015.70020	333.39	60.85	48.839813	-86.926798	56135.11	56250.2	-0.17	56134.94	56130.14453	56100.46362	56041.82031	505371.3	5409651.3
L5370.0	505371.3	5409650.6	13015.79981	333.56	60.85	48.839805	-86.926798	56133.53	56250.2	-0.17	56133.36	56128.40234	56097.32417	56040.05859	505371.3	5409650.6
L5370.0	505371.3	5409649.9	13015.90039	333.57	61.08	48.839799	-86.926798	56131.93	56250.2	-0.16	56131.76	56126.64453	56093.51353	56037.58984	505371.3	5409649.9
L5370.0	505371.4	5409649.4	13016.00000	334.15	61.44	48.839796	-86.926798	56130.36	56250.2	-0.16	56130.20	56124.92578	56090.35046	56035.73047	505371.4	5409649.4
L5370.0	505371.4	5409648.6	13016.09961	335.32	62.19	48.839788	-86.926798	56128.89	56250.2	-0.16	56128.73	56123.29688	56088.92057	56035.56641	505371.4	5409648.6
L5370.0	505371.4	5409647.6	13016.20020	334.59	62.19	48.839779	-86.926797	56127.29	56250.2	-0.16	56127.13	56121.54297	56084.32214	56032.20313	505371.4	5409647.6
L5370.0	505371.4	5409647.0	13016.29981	333.14	60.79	48.839773	-86.926797	56125.76	56250.2	-0.16	56125.60	56119.85938	56080.97205	56030.04688	505371.4	5409647.0
L5370.0	505371.4	5409646.1	13016.40039	333.77	60.79	48.839766	-86.926797	56124.29	56250.2	-0.16	56124.13	56118.23438	56078.62651	56028.86719	505371.4	5409646.1
L5370.0	505371.4	5409645.2	13016.50000	332.06	60.7	48.839758	-86.926797	56122.74	56250.2	-0.16	56122.58	56116.53125	56074.16622	56025.53516	505371.4	5409645.2
L5370.0	505371.4	5409644.3	13016.50000	332.06	62.74	48.839750	-86.926797	56121.32	56250.2	-0.16	56121.16	56114.96094	56072.22890	56024.69141	505371.4	5409644.3
L5370.0	505371.4	5409644.3	13016.70020	329.45	66.58	48.839750	-86.926797	56119.94	56250.2	-0.16	56119.78	56113.43359	56070.81223	56024.33594	505371.4	5409644.3
L5370.0	505371.4	5409643.4	13016.79981	331.07	66.58	48.839741	-86.926797	56118.50	56250.2	-0.16	56118.34	56111.84375	56067.67933	56022.23047	505371.4	5409643.4
L5370.0	505371.4	5409642.5	13016.90039	334.79	67.53	48.839733	-86.926796	56117.06	56250.2	-0.16	56116.89	56110.24609	56063.92450	56019.46875	505371.4	5409642.5
L5370.0	505371.5	5409641.5	13017.00000	335.56	69.04	48.839724	-86.926796	56115.64	56250.2	-0.16	56115.48	56108.69141	56060.65693	56017.16406	505371.5	5409641.5
L5370.0	505371.5	5409640.7	13017.09961	336.61	69.38	48.839717	-86.926796	56114.32	56250.2	-0.16	56114.17	56107.23828	56059.23328	56016.67188	505371.5	5409640.7
L5370.0	505371.5	5409640.7	13017.20020	337.15	69.38	48.839717	-86.926796	56112.95	56250.2	-0.15	56112.80	56105.72266	56056.04346	56014.38281	505371.5	5409640.7
L5370.0	505371.5	5409639.8	13017.29981	336.89	69.61	48.839709	-86.926796	56111.62	56250.2	-0.15	56111.47	56104.25391	56053.34175	56012.55078	505371.5	5409639.8
L5370.0	505371.5	5409639.0	13017.40039	337.54	69.44	48.839702	-86.926795	56110.25	56250.1	-0.15	56110.10	56102.74219	56049.30081	56009.35156	505371.5	5409639.0
L5370.0	505371.6	5409638.1	13017.50000	335.73	62.05	48.839693	-86.926795	56108.96	56250.1	-0.15	56108.81	56101.31250	56046.66038	56007.51953	505371.6	5409638.1
L5370.0	505371.6	5409637.3	13017.59961	337.65	62.05	48.839686	-86.926795	56107.70	56250.1	-0.14	56107.56	56099.92578	56044.51460	56006.15625	505371.6	5409637.3
L5370.0	505371.6	5409636.3	13017.70020	338.53	65.67	48.839678	-86.926794	56106.50	56250.1	-0.14	56106.36	56098.58984	56043.09902	56005.49609	505371.6	5409636.3
L5370.0	505371.6	5409636.3	13017.79981	336.95	66.02	48.839678	-86.926794	56105.20	56250.1	-0.14	56105.06	56097.15625	56038.93714	56002.06250	505371.6	5409636.3
L5370.0	505371.6	5409634.7	13017.90039	337.61	69.03	48.839663	-86.926794	56104.00	56250.1	-0.13	56103.86	56095.82422	56036.64964	56000.47266	505371.6	5409634.7
L5370.0	505371.6	5409634.7	13018.00000	338.46	69.03	48.839663	-86.926794	56102.84	56250.1	-0.13	56102.71	56094.54297	56035.07645	55999.57422	505371.6	5409634.7
L5370.0	505371.7	5409633.5	13018.09961	338.31	72.07	48.839653	-86.926794	56101.68	56250.1	-0.13	56101.54	56093.24219	56032.58079	55997.72656	505371.7	5409633.5
L5370.0	505371.7	5409632.6	13018.20020	338.07	72.55	48.839644	-86.926793	56100.52	56250.1	-0.14	56100.38	56091.95313	56029.85032	55995.61719	505371.7	5409632.6
L5370.0	505371.7	5409631.8	13018.29981	338.47	73.28	48.839636	-86.926793	56099.43	56250.1	-0.14	56099.29	56090.73438	56028.26660	55994.62891	505371.7	5409631.8
L5370.0	505371.7	5409630.7	13018.40039	338.41	73.28	48.839627	-86.926793	56098.34	56250.1	-0.15	56098.19	56089.50781	56025.96393	55992.90234	505371.7	5409630.7
L5370.0	505371.7	5409629.8	13018.50000	337.94	73.42	48.839618	-86.926793	56097.25	56250.1	-0.15	56097.10	56088.29688	56023.39919	55990.88672	505371.7	5409629.8
L5370.0	505371.7	5409629.8	13018.50000	337.94	73.35	48.839618	-86.926793	56096.29	56250.1	-0.15	56096.14	56087.21094	56023.32666	55991.34375	505371.7	5409629.8
L5370.0	505371.7	5409628.5	13018.70020	336.40	73.5	48.839607	-86.926793	56095.30	56250.2	-0.16	56095.14	56086.08984	56021.81352	55990.33594	505371.7	5409628.5
L5370.0	505371.8	5409627.7	13018.79981	334.16	73.5	48.839600	-86.926792	56094.26	56250.2	-0.16	56094.10	56084.92969	56018.86452	55987.87109	505371.8	5409627.7
L5370.0	505371.8	5409626.5	13018.90039	334.96	73.17	48.839589	-86.926792	56093.33	56250.2	-0.17	56093.16	56083.87109	56017.66975	55987.13672	505371.8	5409626.5
L5370.0	505371.8	5409625.5	13019.00000	334.24	73.19	48.839580	-86.926792	56092.37	56250.2	-0.17	56092.20	56082.79297	56015.48009	55985.39063	505371.8	5409625.5
L5370.0	505371.8	5409624.6	13019.09961	333.91	73.19	48.839572	-86.926792	56091.48	56250.2	-0.17	56091.31	56081.78906	56014.32459	55984.66016	505371.8	5409624.6
L5370.0	505371.8	5409624.6	13019.20020	334.44	72.61	48.839572	-86.926792	56090.67	56250.2	-0.17	56090.51	56080.87500	56014.62380	55985.36328	505371.8	5409624.6
L5370.0	505371.8	5409623.6	13019.29981	334.17	70.56	48.839563	-86.926792	56089.69	56250.2	-0.16	56089.52	56079.77344	56010.10641	55981.23047	505371.8	5409623.6
L5370.0	505371.8	5409622.5	13019.40039	334.67	70.85	48.839553	-86.926792	56088.88	56250.2	-0.16	56088.72	56078.85938	56009.25325	55980.74609	505371.8	5409622.5
L5370.0	505371.8	5409621.5	13019.50000	333.72	70.85	48.839544	-86.926792	56088.04	56250.2	-0.16	56087.88	56077.91016	56006.92664	55978.76953	505371.8	5409621.5
L5370.0	505371.8	5409621.5	13019.59961	334.38	65.43	48.839544	-86.926792	56087.29	56250.2	-0.16	56087.13	56077.05469	56005.98102	55978.16016	505371.8	5409621.5
L5370.0	505371.8	5409620.2	13019.70020	334.73	60.81	48.839532	-86.926792	56086.49	56250.2	-0.16	56086.34	56076.15625	56003.54596	55976.04297	505371.8	5409620.2
L5370.0	505371.8	5409619.2	13019.79981	334.93	62.5	48.839523	-86.926792	56085.79	56250.2	-0.15	56085.63	56075.33984	56002.22778	55975.02734	505371.8	5409619.2
L5370.0	505371.8	5409617.9	13019.90039	334.59	62.5	48.839512	-86.926792	56085.16	56250.2	-0.15	56085.01	56074.61719	56002.21104	55975.30078	505371.8	5409617.9
L5370.0	505371.8	5409616.8	13020.00000	334.34	60.6	48.839502	-86.926792	56084.43	56250.2	-0.15	56084.28	56073.78516	55999.16811	55972.53125	505371.8	5409616.8
L5370.0	505371.8	5409616.1	13020.09961	333.37	62.16	48.839495	-86.926792	56083.77	56250.2	-0.15	56083.62	56073.02344	55996.97491	55970.59766	505371.8	5409616.1
L5370.0	505371.8	5409615.1	13020.20020	332.84	62.16	48.839487	-86.926792	56083.16	56250.2	-0.15	56083.01	56072.31641	55995.18161	55969.05078	505371.8	5409615.1
L5370.0	505371.8	5409615.1	13020.29981	333.07	64.42	48.839487	-86.926792	56082.70	56250.2	-0.15	56082.55	56071.75781	55995.90823	55970.01172	505371.8	5409615.1

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5370.0	505371.8	5409613.3	13020.40039	332.88	57.83	48.839471	-86.926792	56082.15	56250.2	-0.15	56082.00	56071.10938	55994.01608	55968.34375	505371.8	5409613.3
L5370.0	505371.8	5409613.3	13020.50000	334.65	58.35	48.839471	-86.926792	56081.62	56250.2	-0.15	56081.47	56070.48828	55991.85226	55966.39063	505371.8	5409613.3
L5370.0	505371.8	5409612.1	13020.50000	334.65	58.35	48.839459	-86.926792	56081.12	56250.2	-0.15	56080.97	56069.89453	55989.63976	55964.37500	505371.8	5409612.1
L5370.0	505371.8	5409610.6	13020.70020	333.14	66.15	48.839446	-86.926793	56080.66	56250.2	-0.15	56080.51	56069.34375	55987.59603	55962.51953	505371.8	5409610.6
L5370.0	505371.8	5409610.6	13020.79981	332.81	65.14	48.839446	-86.926793	56080.23	56250.2	-0.15	56080.08	56068.82031	55985.50987	55960.61328	505371.8	5409610.6
L5370.0	505371.7	5409609.5	13020.90039	332.36	65.14	48.839436	-86.926793	56079.95	56250.2	-0.15	56079.79	56068.44141	55985.74432	55961.01563	505371.7	5409609.5
L5370.0	505371.7	5409608.0	13021.00000	332.14	62.32	48.839423	-86.926793	56079.54	56250.2	-0.15	56079.39	56067.95703	55982.95826	55958.39063	505371.7	5409608.0
L5370.0	505371.7	5409608.0	13021.09961	332.61	60.78	48.839423	-86.926793	56079.29	56250.2	-0.15	56079.14	56067.62109	55982.73391	55958.31641	505371.7	5409608.0
L5370.0	505371.7	5409606.7	13021.20020	332.15	60.78	48.839411	-86.926793	56078.99	56250.2	-0.15	56078.84	56067.23828	55980.78636	55956.51172	505371.7	5409606.7
L5370.0	505371.7	5409605.7	13021.29981	334.70	59.99	48.839402	-86.926793	56078.81	56250.2	-0.15	56078.66	56066.97266	55980.78068	55956.64063	505371.7	5409605.7
L5370.0	505371.7	5409604.4	13021.40039	334.25	56.25	48.839390	-86.926793	56078.61	56250.2	-0.15	56078.46	56066.69141	55979.70908	55955.69531	505371.7	5409604.4
L5370.0	505371.7	5409603.3	13021.50000	332.67	56.77	48.839380	-86.926793	56078.51	56250.2	-0.15	56078.36	56066.51172	55980.17225	55956.27734	505371.7	5409603.3
L5370.0	505371.7	5409603.3	13021.59961	334.96	56.59	48.839380	-86.926793	56078.33	56250.2	-0.15	56078.18	56066.25391	55978.28596	55954.50391	505371.7	5409603.3
L5370.0	505371.7	5409602.1	13021.70020	336.72	56.59	48.839370	-86.926793	56078.30	56250.2	-0.15	56078.15	56066.14844	55979.03739	55955.35938	505371.7	5409602.1
L5370.0	505371.7	5409601.2	13021.79981	337.31	56.4	48.839362	-86.926793	56078.20	56250.2	-0.15	56078.05	56065.97266	55977.66886	55954.08984	505371.7	5409601.2
L5370.0	505371.7	5409600.3	13021.90039	338.53	56.09	48.839353	-86.926793	56078.18	56250.2	-0.15	56078.03	56065.87891	55977.44093	55953.95703	505371.7	5409600.3
L5370.0	505371.7	5409599.3	13022.00000	337.64	56.09	48.839344	-86.926793	56078.23	56250.2	-0.15	56078.08	56065.85938	55978.14468	55954.75000	505371.7	5409599.3
L5370.0	505371.7	5409598.3	13022.09961	337.03	58.26	48.839336	-86.926793	56078.31	56250.2	-0.15	56078.16	56065.86719	55978.92026	55955.60938	505371.7	5409598.3
L5370.0	505371.8	5409597.0	13022.20020	335.26	53.59	48.839324	-86.926793	56078.38	56250.2	-0.15	56078.22	56065.85938	55978.69599	55955.46094	505371.8	5409597.0
L5370.0	505371.8	5409597.0	13022.29981	334.13	56.02	48.839324	-86.926793	56078.54	56250.2	-0.16	56078.38	56065.95313	55980.06906	55956.91016	505371.8	5409597.0
L5370.0	505371.8	5409595.0	13022.40039	333.97	56.02	48.839306	-86.926793	56078.70	56250.2	-0.16	56078.54	56066.04688	55980.88763	55957.79688	505371.8	5409595.0
L5370.0	505371.8	5409595.0	13022.50000	331.76	58.09	48.839306	-86.926793	56078.91	56250.2	-0.16	56078.75	56066.19141	55982.23096	55959.20313	505371.8	5409595.0
L5370.0	505371.8	5409593.6	13022.50000	331.76	58.12	48.839293	-86.926792	56079.19	56250.2	-0.16	56079.03	56066.41016	55984.51685	55961.55078	505371.8	5409593.6
L5370.0	505371.8	5409592.4	13022.70020	332.00	58	48.839282	-86.926792	56079.44	56250.2	-0.16	56079.27	56066.58594	55985.40381	55962.49609	505371.8	5409592.4
L5370.0	505371.8	5409591.2	13022.79981	330.72	58	48.839271	-86.926792	56079.79	56250.2	-0.17	56079.63	56066.88672	55988.27530	55965.42188	505371.8	5409591.2
L5370.0	505371.8	5409591.2	13022.90039	332.83	61.06	48.839271	-86.926792	56080.10	56250.2	-0.17	56079.93	56067.12891	55989.33727	55966.53516	505371.8	5409591.2
L5370.0	505371.8	5409589.4	13023.00000	332.10	61.06	48.839255	-86.926792	56080.56	56250.2	-0.17	56080.39	56067.53125	55993.18586	55970.42969	505371.8	5409589.4
L5370.0	505371.9	5409588.2	13023.09961	333.01	62.67	48.839245	-86.926791	56080.91	56250.2	-0.17	56080.74	56067.82813	55994.19188	55971.48438	505371.9	5409588.2
L5370.0	505371.9	5409587.1	13023.20020	332.35	61.91	48.839235	-86.926791	56081.38	56250.2	-0.16	56081.22	56068.25391	55997.31089	55974.64453	505371.9	5409587.1
L5370.0	505371.9	5409587.1	13023.29981	332.70	61.55	48.839235	-86.926791	56081.85	56250.2	-0.16	56081.69	56068.67188	55999.64846	55977.01953	505371.9	5409587.1
L5370.0	505371.9	5409585.7	13023.40039	331.38	61.55	48.839222	-86.926791	56082.42	56250.2	-0.16	56082.26	56069.18750	56003.43004	55980.83984	505371.9	5409585.7
L5370.0	505371.9	5409584.5	13023.50000	330.84	62.32	48.839211	-86.926791	56082.96	56250.2	-0.15	56082.80	56069.67969	56006.02180	55983.46484	505371.9	5409584.5
L5370.0	505371.9	5409583.4	13023.59961	330.87	60.93	48.839202	-86.926791	56083.51	56250.2	-0.15	56083.36	56070.19141	56008.45014	55985.92969	505371.9	5409583.4
L5370.0	505371.9	5409583.4	13023.70020	333.38	60.93	48.839202	-86.926791	56084.10	56250.1	-0.15	56083.95	56070.73438	56010.92101	55988.42969	505371.9	5409583.4
L5370.0	505371.9	5409582.2	13023.79981	331.43	64.05	48.839191	-86.926791	56084.75	56250.1	-0.15	56084.60	56071.33984	56014.03514	55991.57422	505371.9	5409582.2
L5370.0	505371.9	5409580.9	13023.90039	330.74	61.37	48.839179	-86.926790	56085.46	56250.1	-0.14	56085.31	56072.00391	56017.79704	55995.36328	505371.9	5409580.9
L5370.0	505371.9	5409579.9	13024.00000	330.87	61.37	48.839170	-86.926790	56086.09	56250.1	-0.14	56085.95	56072.60156	56019.66623	55997.25781	505371.9	5409579.9
L5370.0	505372.0	5409578.3	13024.09961	329.10	58.87	48.839156	-86.926790	56086.86	56250.1	-0.14	56086.71	56073.32031	56023.38932	56001.00391	505372.0	5409578.3
L5370.0	505372.0	5409577.1	13024.20020	327.81	57.37	48.839145	-86.926790	56087.56	56250.1	-0.14	56087.42	56073.99219	56025.64770	56003.28516	505372.0	5409577.1
L5370.0	505372.0	5409576.1	13024.29981	327.41	52.05	48.839135	-86.926790	56088.42	56250.1	-0.14	56088.27	56074.80469	56030.16558	56007.82422	505372.0	5409576.1
L5370.0	505372.0	5409574.8	13024.40039	328.07	52.05	48.839124	-86.926790	56089.11	56250.1	-0.14	56088.96	56075.45703	56031.10519	56008.78516	505372.0	5409574.8
L5370.0	505372.0	5409574.0	13024.50000	328.75	51.69	48.839117	-86.926790	56089.96	56250.1	-0.15	56089.82	56076.28125	56034.91401	56012.60938	505372.0	5409574.0
L5370.0	505372.0	5409573.1	13024.50000	328.75	51.69	48.839108	-86.926790	56090.77	56250.1	-0.15	56090.63	56077.05859	56037.31926	56015.03516	505372.0	5409573.1
L5370.0	505372.0	5409572.0	13024.70020	328.82	53.42	48.839099	-86.926790	56091.58	56250.1	-0.15	56091.44	56077.83594	56039.30897	56017.03906	505372.0	5409572.0
L5370.0	505372.0	5409572.0	13024.79981	331.06	58.94	48.839099	-86.926790	56092.44	56250.1	-0.15	56092.29	56078.65234	56041.67879	56019.42578	505372.0	5409572.0
L5370.0	505372.0	5409570.8	13024.90039	330.34	58.94	48.839088	-86.926790	56093.30	56250.1	-0.15	56093.15	56079.48438	56043.85785	56021.61719	505372.0	5409570.8
L5370.0	505372.0	5409569.8	13025.00000	329.65	58.88	48.839079	-86.926790	56094.21	56250.2	-0.15	56094.06	56080.36719	56046.64598	56024.41797	505372.0	5409569.8
L5370.0	505372.0	5409568.6	13025.09961	329.11	59.01	48.839068	-86.926790	56095.10	56250.2	-0.15	56094.95	56081.22656	56048.68450	56026.47266	505372.0	5409568.6
L5370.0	505372.0	5409567.1	13025.20020	330.62	59.01	48.839055	-86.926790	56096.06	56250.2	-0.15	56095.91	56082.16406	56051.76109	56029.55859	505372.0	5409567.1
L5370.0	505372.0	5409567.1	13025.29981	333.10	57.86	48.839055	-86.926790	56097.02	56250.2	-0.15	56096.87	56083.09766	56054.51258	56032.32031	505372.0	5409567.1
L5370.0	505372.0	5409565.9	13025.40039	332.92	58.68	48.839044	-86.926790	56097.91	56250.2	-0.15	56097.76	56083.96484	56055.55751	56033.37500	505372.0	5409565.9
L5370.0	505372.0	5409564.6	13025.50000	332.60	58.69	48.839032	-86.926791	56098.86	56250.2	-0.15	56098.71	56084.89063	56057.48575	56035.31641	505372.0	5409564.6
L5370.0	505371.9	5409563.4	13025.59961	332.07	58.69	48.839021	-86.926791	56099.78	56250.2	-0.15	56099.63	56085.79297	56058.51747	56036.35547	505371.9	5409563.4
L5370.0	505371.9	5409562.5	13025.70020	332.29	58.98	48.839013	-86.926791	56100.87	56250.2	-0.15	56100.72	56086.86328	56062.66542	56040.51172	505371.9	5409562.5
L5370.0	505371.9	5409561.3	13025.79981	333.80	59.83	48.839002	-86.926791	56101.82	56250.2	-0.15	56101.67	56087.79297	56063.73417	56041.58984	505371.9	5409561.3
L5370.0	505371.9	5409560.1	13025.90039	332.57	59.83	48.838991	-86.926791	56102.89	56250.2	-0.15	56102.74	56088.84766	56066.94699	56044.81250	505371.9	5409560.1
L5370.0	505371.9	5409559.0	13026.00000	334.06	58.41	48.838982	-86.926791	56103.90	56250.2	-0.15	56103.75	56089.83984	56068.69531	56046.57031	505371.9	5409559.0
L5370.0	505371.9	5409558.0	13026.09961	333.86	54.61	48.838973	-86.926791	56104.98	56250.1	-0.15	56104.84	56090.91797	56071.80389	56049.68750	505371.9	5409558.0
L5370.0	505371.9	5409557.1	13026.20020	331.63	54.61	48.838965	-86.926791	56106.06	56250.1	-0.15	56105.91	56091.97266	56074.26471	56052.15625	505371.9	5409557.1
L5370.0	505371.9	5409555.6	13026.29981	332.11	54.61	48.838952	-86.926791	56107.14	56250.1	-0.14	56107.00	56093.05078	56076.89116	56054.78906	505371.9	5409555.6
L5370.0	505371.9	5409555.6	13026.40039	330.68	57.86	48.838952	-86.926791	56108.25	56250.1	-0.14	56108.11	56094.15234	56079.69002	56057.59766	505371.9	5409555.6
L5370.0	505371.9	5409554.2	13026.50000	329.93	58.04	48.838938	-86.926791	56109.37	56250.1	-0.14	56109.23	56095.26172	56082.46540	56060.38281	505371.9	5409554.2
L5370.0	505371.9	5409552.4	13026.50000	329.93	58.01	48.838923	-86.926791	56110.47	56250.1	-0.14	56110.33	56096.35547	56084.61718	56062.54297	505371.9	5409552.4
L5370.0	505371.9	5409551.8	13026.70020	329.82	58.01	48.838917	-86.926792	56111.54	56250.1	-0.14	56111.40	56097.41797	56085.95067	56063.88672	505371.9	5409551.8
L5370.0	505371.9	5409550.3	13026.79981	331.20	56.27	48.838903	-86.926792	56112.63	56250.1	-0.13	56112.50	56098.51172	56087.68403	56065.62891	505371.9	5409550.3
L5370.0	505371.9	5409549.3	13026.90039	332.51	56.27	48.838894	-86.926792	56113.79	56250.1	-0.13	56113.66	56099.66406	56090.42756	56068.38281	505371.9	5409549.3
L5370.0	505371.9	5409549.3	13027.00000	331.99	56.01	48.838894	-86.926792	56114.88	56250.1	-0.13	56114.75	56100.75000	56091.56839	56069.53516	505371.9	5409549.3
L5370.0	505371.9	5409547.9	13027.09961	333.56	53.08	48.838882	-86.926792	56116.06	56250.1	-0.13	56115.93	56101.92969	56094.33543	56072.31641	505371.9	5409547.9
L5370.0	505371.9	5409546.9	13027.20020	332.87	53.08	48.838873	-86.926792	56117.21	56250.1	-0.14	56117.07	56103.06641	56096.11825	56074.10938	505371.9	5409546.9
L5370.0	505371.9	5409545.8	13027.29981	333.36	57.96	48.838863	-86.926792	56118.36	56250.1	-0.14	56118.22	56104.21484	56097.93006	56075.93750	505371.9	5409545.8
L5370.0	505371.9	5409544.5	13027.40039	331.92	56.96	48.838852	-86.926792	56119.54	56250.1	-0.15	56119.39	56105.38672	56099.97867	56078.00000	505371.9	5409544.5
L5370.0	505371.9	5409543.0	13027.50000	329.72	55.15	48.838838	-86.926792	56120.72	56250.1	-0.15	56120.57	56106.56641	56102.06999	56080.10547	505371.9	5409543.0
L5370.0	505371.9	5409543.0	13027.59961	331.05	55.15	48.838838	-86.926792	56121.92	56250.2	-0.15	56121.76	56107.75781	56104.21216	56082.26563	505371.9	5409543.0
L5370.0	505371.8	5409541.0	13027.70020	330.13	55.66	48.838820	-86.926792	56123.05	56250.2	-0.16	56122.89	56108.89453	56105.00749	56083.08203	505371.8	5409541.0
L5370.0	505371.8	5409541.0	13027.79981	330.83	57.21	48.838820	-86.926792	56124.23	56250.2	-0.16	56124.07	56110.07813	56106.67371	56084.76563	505371.8	5409541.0
L5370.0	505371.8	5409539.8	13027.90039	331.41	59.09	48.838809	-86.926792	56125.45	56250.2	-0.17	56125.28	56111.29297	56108.81884	56086.93359	505371.8	5409539.8
L5370.0	505371.8	5409538.5	13028.00000	331.08	59.7	48.838797	-86.926793	56126.64	56250.2	-0.17	56126.47	56112.48828	56110.44614	56088.58203	505371.8	5409538.5
L5370.0	505371.8	5409537.3	13028.09961	331.35	59.7	48.838787	-86.926793	56127.86	56250.2	-0.17	56127.69	56113.71484	56112.57145	56090.73438	505371.8	5409537.3
L5370.0	505371.8	5409535.9	13028.20020	331.15	59.64	48.838774	-86.926793	56129.07	56250.2	-0.17	56128.90	56114.92969	56114.39805	56092.58594	505371.8	5409535.9
L5370.0	505371.8	5409535.0	13028.29981	331.88	59.64	48.838766	-86.926793	56130.29	56250.2	-0.16	56130.12	56116.16016	56116.33838	56094.55469	505371.8	5409535.0
L5370.0	505371.8	5409535.0	13028.40039	332.84	58.33	48.838766	-86.926793	56131.50	56250.2	-0.16	56131.33	56117.37891	56117.99704	56096.24219	505371.8	5409535.0
L5370.0	505371.8	5409533.5	13028.50000	331.34	58.43	48.838752	-86.926793	56132.76	56250.2	-0.16	56132.60	56118.65625	56120.79933	56099.07813	505371.8	5409533.5
L5370.0	505371.8	5409532.2	13028.50000	331.34	58.43	48.838741	-86.926793	56133.95	56250.2	-0.16	56133.79	56119.85938	56121.91987	56100.23047	505371.8	5409532.2
L5370.0	505371.8	5409530.8	13028.70020	332.01	56.07	48.838729	-86.926793	56135.14	56250.2	-0.16	56134.99	56121.07031	56123.18874	56101.53516	505371.8	5409530.8
L5370.0	505371.8	5409529.7	13028.79981	331.66	56.07	48.838718	-86.926793	56136.43	56250.2	-0.15	56136.27	56122.35938	56126.03511	56104.42188	505371.8	5409529.7
L5370.0	505371.8	5409528.2	13028.90039	332.29	57.99	48.838705	-86.926793	56137.62	56250.2	-0.15	56137.47	56123.57031	56127.22338	56105.64844	505371.8	5409528.2
L5370.0	505371.8	5409528.2	13029.00000	332.27	54.09	48.838705	-86.926793	56138.89	56250.2	-0.15	56138.74	56124.85547	56129.80442	56108.27344	505371.8	5409528.2
L5370.0	505371.8	5409526.9	13029.09961	333.91	56.88	48.838693	-86.926793	56140.13	56250.2	-0.15	56139.97	56126.09766	56131.55627	56110.07031	505371.8	5409526.9
L5370.0	505371.8	5409525.6	13029.20020	334.50	57.19	48.838681	-86.926793	56141.34	56250.2	-0.15	56141.18	56127.32031	56132.89448	56111.45703	505371.8	5409525.6
L5370.0	505371.8	5409524.3	13029.29981	332.74	57.19	48.838670	-86.926793	56142.60	56250.2	-0.16	56142.45	56128.60156	56135.44865	56114.05859	505371.8	5409524.3
L5370.0	505371.8	5409523.0	13029.40039	332.18	58.33	48.838658	-86.926793	56143.84	56250.2	-0.16	56143.69	56129.85547	56137.40541	56116.07031	505371.8	5409523.0
L5370.0	505371.8	5409523.0	13029.50000	330.90	58.33	48.838658	-86.926793	56145.13	56250.2	-0.16	56144.97	56131.14844	56140.18933	56118.90625	505371.8	5409523.0
L5370.0	505371.8	5409521.9	13029.59961	331.17	56.43	48.838648	-86.926793	56146.35	56250.2	-0.16	56146.19	56132.38281	56141.79177	56120.57031	505371.8	5409521.9

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5370.0	505371.8	5409520.4	13029.70020	331.49	57.53	48.838634	-86.926793	56147.53	56250.2	-0.16	56147.37	56133.57813	56142.63146	56121.46875	505371.8	5409520.4
L5370.0	505371.8	5409519.3	13029.79981	331.67	58.39	48.838625	-86.926793	56148.83	56250.2	-0.17	56148.66	56134.88281	56145.73365	56124.63281	505371.8	5409519.3
L5370.0	505371.8	5409517.9	13029.90039	332.93	58.39	48.838612	-86.926794	56150.09	56250.2	-0.17	56149.93	56136.16797	56148.49237	56127.45703	505371.8	5409517.9
L5370.0	505371.8	5409516.8	13030.00000	331.45	58.53	48.838603	-86.926794	56151.31	56250.2	-0.17	56151.14	56137.39063	56150.12202	56129.15625	505371.8	5409516.8
L5370.0	505371.8	5409516.8	13030.09961	331.85	59.12	48.838603	-86.926794	56152.59	56250.2	-0.17	56152.42	56138.68750	56153.23364	56132.33984	505371.8	5409516.8
L5370.0	505371.8	5409515.1	13030.20020	330.54	59.12	48.838587	-86.926794	56153.82	56250.2	-0.17	56153.65	56139.92969	56155.44295	56134.62500	505371.8	5409515.1
L5370.0	505371.8	5409514.2	13030.29981	329.78	55.9	48.838579	-86.926794	56155.06	56250.2	-0.16	56154.90	56141.19531	56158.15848	56137.41797	505371.8	5409514.2
L5370.0	505371.8	5409512.7	13030.40039	329.25	53.5	48.838565	-86.926794	56156.31	56250.2	-0.16	56156.15	56142.45703	56160.99445	56140.33203	505371.8	5409512.7
L5370.0	505371.8	5409511.5	13030.50000	330.08	52.67	48.838555	-86.926794	56157.58	56250.2	-0.16	56157.42	56143.74219	56164.36019	56143.78125	505371.8	5409511.5
L5370.0	505371.8	5409510.2	13030.50000	330.08	54.06	48.838542	-86.926794	56158.85	56250.2	-0.16	56158.69	56145.02344	56167.87245	56147.37891	505371.8	5409510.2
L5370.0	505371.8	5409509.1	13030.70020	331.34	54.06	48.838533	-86.926794	56160.06	56250.2	-0.16	56159.90	56146.24609	56170.36108	56149.95703	505371.8	5409509.1
L5370.0	505371.8	5409509.1	13030.79981	331.30	56.13	48.838533	-86.926794	56161.21	56250.2	-0.15	56161.06	56147.41797	56172.04170	56151.73047	505371.8	5409509.1
L5370.0	505371.7	5409507.7	13030.90039	330.38	52.38	48.838520	-86.926794	56162.49	56250.2	-0.15	56162.34	56148.71094	56176.28146	56156.06250	505371.7	5409507.7
L5370.0	505371.7	5409506.6	13031.00000	330.16	52.38	48.838510	-86.926794	56163.72	56250.2	-0.15	56163.57	56149.94922	56179.74213	56159.62109	505371.7	5409506.6
L5370.0	505371.7	5409504.9	13031.09961	331.52	53.15	48.838496	-86.926794	56164.92	56250.2	-0.15	56164.76	56151.15234	56182.63765	56162.61719	505371.7	5409504.9
L5370.0	505371.7	5409503.6	13031.20020	332.21	58.88	48.838484	-86.926795	56166.08	56250.2	-0.16	56165.92	56152.32031	56185.18105	56165.26563	505371.7	5409503.6
L5370.0	505371.7	5409502.5	13031.29981	332.82	59.17	48.838474	-86.926795	56167.28	56250.2	-0.16	56167.12	56153.53125	56188.76517	56168.95313	505371.7	5409502.5
L5370.0	505371.7	5409501.4	13031.40039	335.34	54.86	48.838464	-86.926795	56168.48	56250.2	-0.16	56168.31	56154.72656	56192.42126	56172.71875	505371.7	5409501.4
L5370.0	505371.7	5409500.0	13031.50000	334.69	54.86	48.838451	-86.926795	56169.68	56250.2	-0.17	56169.51	56155.93359	56196.55835	56176.96484	505371.7	5409500.0
L5370.0	505371.7	5409499.5	13031.59961	332.99	52.75	48.838447	-86.926795	56170.78	56250.2	-0.17	56170.61	56157.03906	56199.02786	56179.55078	505371.7	5409499.5
L5370.0	505371.7	5409498.2	13031.70020	330.80	56.22	48.838435	-86.926795	56171.97	56250.2	-0.17	56171.80	56158.23438	56203.58338	56184.22266	505371.7	5409498.2
L5370.0	505371.7	5409497.1	13031.79981	329.84	56.22	48.838425	-86.926795	56173.11	56250.2	-0.17	56172.93	56159.36719	56207.28865	56188.04688	505371.7	5409497.1
L5370.0	505371.7	5409495.7	13031.90039	330.12	52.84	48.838413	-86.926795	56174.20	56250.2	-0.18	56174.02	56160.46094	56210.55268	56191.43359	505371.7	5409495.7
L5370.0	505371.7	5409495.7	13032.00000	330.29	54.88	48.838413	-86.926795	56175.29	56250.2	-0.18	56175.11	56161.55078	56214.17815	56195.17969	505371.7	5409495.7
L5370.0	505371.7	5409493.2	13032.09961	331.71	54.88	48.838390	-86.926795	56176.42	56250.2	-0.18	56176.24	56162.67969	56218.96761	56200.09766	505371.7	5409493.2
L5370.0	505371.7	5409493.2	13032.20020	332.00	55.37	48.838390	-86.926795	56177.46	56250.2	-0.18	56177.28	56163.71875	56222.37722	56203.63672	505371.7	5409493.2
L5370.0	505371.7	5409491.9	13032.29981	331.55	50.05	48.838378	-86.926795	56178.56	56250.2	-0.17	56178.38	56164.81641	56227.37348	56208.76172	505371.7	5409491.9
L5370.0	505371.7	5409490.5	13032.40039	330.40	49.3	48.838366	-86.926795	56179.56	56250.2	-0.17	56179.39	56165.82031	56231.01817	56212.53906	505371.7	5409490.5
L5370.0	505371.7	5409490.5	13032.50000	330.35	49.3	48.838366	-86.926795	56180.63	56250.2	-0.17	56180.46	56166.88281	56236.27627	56217.92969	505371.7	5409490.5
L5370.0	505371.7	5409488.0	13032.50000	330.35	43.13	48.838343	-86.926795	56181.52	56250.2	-0.17	56181.35	56167.76563	56238.43915	56220.23047	505371.7	5409488.0
L5370.0	505371.7	5409488.0	13032.70020	329.87	48.53	48.838343	-86.926795	56182.46	56250.2	-0.17	56182.29	56168.69531	56242.04299	56223.97266	505371.7	5409488.0
L5370.0	505371.7	5409486.6	13032.79981	331.12	56.96	48.838331	-86.926795	56183.40	56250.2	-0.16	56183.24	56169.63281	56246.31161	56228.38281	505371.7	5409486.6
L5370.0	505371.7	5409485.0	13032.90039	333.83	48.9	48.838317	-86.926796	56184.32	56250.2	-0.16	56184.16	56170.53906	56250.47001	56232.67969	505371.7	5409485.0
L5370.0	505371.7	5409483.7	13033.00000	331.30	48.9	48.838304	-86.926796	56185.17	56250.2	-0.16	56185.01	56171.37500	56253.75119	56236.10547	505371.7	5409483.7
L5370.0	505371.7	5409482.3	13033.09961	330.16	49.82	48.838292	-86.926796	56186.04	56250.2	-0.16	56185.88	56172.22656	56257.93368	56240.42969	505371.7	5409482.3
L5370.0	505371.7	5409481.5	13033.20020	327.37	57.72	48.838285	-86.926796	56186.81	56250.2	-0.16	56186.65	56172.97656	56260.69190	56243.33594	505371.7	5409481.5
L5370.0	505371.7	5409480.0	13033.29981	327.23	57.72	48.838271	-86.926796	56187.58	56250.2	-0.16	56187.43	56173.73438	56264.19974	56246.98828	505371.7	5409480.0
L5370.0	505371.7	5409480.0	13033.40039	329.12	58.17	48.838271	-86.926796	56188.34	56250.2	-0.16	56188.18	56174.45703	56267.69990	56250.63672	505371.7	5409480.0
L5370.0	505371.6	5409478.6	13033.50000	331.28	57.36	48.838258	-86.926796	56189.02	56250.2	-0.16	56188.86	56175.10938	56270.43779	56253.51953	505371.6	5409478.6
L5370.0	505371.6	5409477.4	13033.59961	331.27	53.63	48.838248	-86.926796	56189.74	56250.2	-0.15	56189.59	56175.81250	56274.76867	56258.00000	505371.6	5409477.4
L5370.0	505371.7	5409476.0	13033.70020	333.00	50.33	48.838235	-86.926796	56190.37	56250.2	-0.15	56190.21	56176.39844	56277.60704	56260.98828	505371.7	5409476.0
L5370.0	505371.7	5409474.9	13033.79981	332.04	50.33	48.838225	-86.926796	56190.91	56250.2	-0.15	56190.76	56176.91406	56279.75318	56263.28125	505371.7	5409474.9
L5370.0	505371.7	5409473.7	13033.90039	332.68	50.77	48.838215	-86.926796	56191.42	56250.2	-0.15	56191.27	56177.38672	56281.80859	56265.48828	505371.7	5409473.7
L5370.0	505371.7	5409472.1	13034.00000	331.52	55.13	48.838200	-86.926796	56191.93	56250.2	-0.15	56191.78	56177.85547	56284.56827	56268.39453	505371.7	5409472.1
L5370.0	505371.7	5409472.1	13034.09961	330.54	55.13	48.838200	-86.926796	56192.40	56250.1	-0.15	56192.25	56178.28516	56287.26948	56271.24609	505371.7	5409472.1
L5370.0	505371.7	5409470.9	13034.20020	328.48	58.24	48.838190	-86.926796	56192.77	56250.1	-0.15	56192.62	56178.60938	56288.74816	56272.87109	505371.7	5409470.9
L5370.0	505371.6	5409469.2	13034.29981	329.22	51.86	48.838174	-86.926796	56193.16	56250.1	-0.15	56193.01	56178.94922	56291.35391	56275.62500	505371.6	5409469.2
L5370.0	505371.7	5409467.9	13034.40039	328.29	52.89	48.838162	-86.926796	56193.43	56250.1	-0.15	56193.28	56179.16797	56292.34984	56276.76953	505371.7	5409467.9
L5370.0	505371.6	5409466.7	13034.50000	330.01	57.92	48.838152	-86.926796	56193.72	56250.1	-0.15	56193.57	56179.40625	56294.48636	56279.05078	505371.6	5409466.7
L5370.0	505371.6	5409465.3	13034.50000	330.01	57.92	48.838139	-86.926796	56193.95	56250.1	-0.15	56193.80	56179.57813	56296.19437	56280.90234	505371.6	5409465.3
L5370.0	505371.6	5409464.2	13034.59961	328.96	58.58	48.838129	-86.926796	56194.18	56250.1	-0.14	56194.04	56179.75781	56298.86371	56283.71875	505371.6	5409464.2
L5370.0	505371.6	5409463.0	13034.79981	328.93	57.13	48.838118	-86.926796	56194.25	56250.1	-0.14	56194.11	56179.76172	56298.91306	56283.91016	505371.6	5409463.0
L5370.0	505371.6	5409462.1	13034.90039	329.48	57.13	48.838110	-86.926796	56194.36	56250.1	-0.14	56194.21	56179.79688	56300.32234	56285.45703	505371.6	5409462.1
L5370.0	505371.6	5409462.1	13035.00000	332.00	52.11	48.838110	-86.926796	56194.38	56250.1	-0.14	56194.24	56179.75781	56301.09326	56286.36719	505371.6	5409462.1
L5370.0	505371.6	5409460.3	13035.09961	333.38	52.11	48.838094	-86.926796	56194.36	56250.1	-0.14	56194.21	56179.65234	56301.41708	56286.82813	505371.6	5409460.3
L5370.0	505371.6	5409458.7	13035.20020	333.42	59.31	48.838079	-86.926796	56194.25	56250.1	-0.14	56194.11	56179.47656	56301.08109	56286.62891	505371.6	5409458.7
L5370.0	505371.6	5409458.7	13035.29981	333.90	59.6	48.838079	-86.926796	56194.18	56250.1	-0.15	56194.03	56179.31641	56301.91013	56287.58984	505371.6	5409458.7
L5370.0	505371.6	5409456.5	13035.40039	333.50	59.6	48.838060	-86.926796	56194.02	56250.1	-0.15	56193.88	56179.08203	56302.06869	56287.87891	505371.6	5409456.5
L5370.0	505371.6	5409455.5	13035.50000	334.63	50.21	48.838050	-86.926796	56193.84	56250.2	-0.15	56193.69	56178.80469	56302.15931	56288.09766	505371.6	5409455.5
L5370.0	505371.6	5409454.1	13035.59961	334.20	50.21	48.838038	-86.926796	56193.59	56250.2	-0.15	56193.44	56178.46484	56301.76108	56287.82422	505371.6	5409454.1
L5370.0	505371.6	5409452.7	13035.70020	332.82	59.79	48.838025	-86.926796	56193.29	56250.2	-0.15	56193.13	56178.05859	56300.86301	56287.04688	505371.6	5409452.7
L5370.0	505371.6	5409451.3	13035.79981	332.32	55.3	48.838013	-86.926796	56192.94	56250.2	-0.16	56192.78	56177.60938	56299.87036	56286.17188	505371.6	5409451.3
L5370.0	505371.6	5409451.3	13035.90039	333.55	57.54	48.838013	-86.926796	56192.47	56250.2	-0.16	56192.31	56177.03906	56297.12130	56283.53906	505371.6	5409451.3
L5370.0	505371.6	5409449.9	13036.00000	333.59	57.54	48.838000	-86.926796	56192.03	56250.2	-0.16	56191.87	56176.49219	56295.72316	56282.25000	505371.6	5409449.9
L5370.0	505371.6	5409448.7	13036.09961	333.51	59.07	48.837990	-86.926796	56191.55	56250.2	-0.16	56191.39	56175.90625	56294.23087	56280.86719	505371.6	5409448.7
L5370.0	505371.6	5409447.3	13036.20020	331.27	59.54	48.837977	-86.926796	56190.98	56250.2	-0.16	56190.83	56175.23047	56291.82812	56278.57031	505371.6	5409447.3
L5370.0	505371.7	5409446.3	13036.29981	331.00	59.54	48.837968	-86.926796	56190.42	56250.2	-0.16	56190.26	56174.54688	56289.97489	56276.81641	505371.7	5409446.3
L5370.0	505371.7	5409444.8	13036.40039	331.25	60.85	48.837955	-86.926796	56189.82	56250.2	-0.16	56189.66	56173.82422	56288.26748	56275.20703	505371.7	5409444.8
L5370.0	505371.7	5409443.2	13036.50000	330.31	62.66	48.837940	-86.926796	56189.18	56250.2	-0.15	56189.02	56173.06250	56286.50951	56273.53906	505371.7	5409443.2
L5370.0	505371.7	5409443.2	13036.50000	330.31	62.66	48.837940	-86.926796	56188.46	56250.2	-0.15	56188.30	56172.21484	56283.89082	56271.01172	505371.7	5409443.2
L5370.0	505371.7	5409442.2	13036.70020	331.57	61.7	48.837931	-86.926796	56187.69	56250.2	-0.15	56187.54	56171.32031	56281.24357	56268.44531	505371.7	5409442.2
L5370.0	505371.7	5409441.0	13036.79981	331.99	61.88	48.837920	-86.926796	56186.94	56250.2	-0.15	56186.79	56170.43750	56279.59689	56266.87891	505371.7	5409441.0
L5370.0	505371.7	5409439.8	13036.90039	331.68	62.03	48.837910	-86.926796	56186.08	56250.2	-0.15	56185.93	56169.43750	56276.51209	56263.86719	505371.7	5409439.8
L5370.0	505371.7	5409439.8	13037.00000	329.00	62.03	48.837910	-86.926796	56185.17	56250.2	-0.15	56185.02	56168.38281	56273.22298	56260.64844	505371.7	5409439.8
L5370.0	505371.7	5409438.0	13037.09961	330.40	62.82	48.837893	-86.926795	56184.29	56250.1	-0.15	56184.14	56167.35547	56271.35258	56258.84375	505371.7	5409438.0
L5370.0	505371.7	5409436.6	13037.20020	331.69	63.09	48.837881	-86.926795	56183.31	56250.1	-0.15	56183.16	56166.22656	56268.26283	56255.81250	505371.7	5409436.6
L5370.0	505371.7	5409435.2	13037.29981	332.27	63.09	48.837868	-86.926795	56182.29	56250.1	-0.14	56182.14	56165.05078	56265.16938	56252.77344	505371.7	5409435.2
L5370.0	505371.8	5409433.8	13037.40039	330.82	62.78	48.837855	-86.926795	56181.25	56250.1	-0.14	56181.10	56163.85156	56262.47225	56250.12500	505371.8	5409433.8
L5370.0	505371.8	5409432.4	13037.50000	329.20	59.06	48.837843	-86.926795	56180.22	56250.1	-0.14	56180.08	56162.66797	56260.97640	56248.67578	505371.8	5409432.4
L5370.0	505371.8	5409431.4	13037.59961	329.68	63.44	48.837834	-86.926795	56179.04	56250.1	-0.14	56178.90	56161.32422	56257.03557	56244.77344	505371.8	5409431.4
L5370.0	505371.8	5409430.2	13037.70020	330.42	63.44	48.837824	-86.926794	56177.84	56250.1	-0.14	56177.70	56159.95313	56253.46748	56241.23828	505371.8	5409430.2
L5370.0	505371.8	5409429.0	13037.79981	331.73	59.37	48.837812	-86.926794	56176.68	56250.1	-0.13	56176.54	56158.61719	56251.48182	56239.28125	505371.8	5409429.0
L5370.0	505371.8	5409427.8	13037.90039	331.66	58.98	48.837802	-86.926794	56175.45	56250.1	-0.13	56175.32	56157.21875	56249.03790	56236.86328	505371.8	5409427.8
L5370.0	505371.8	5409427.8	13038.00000	333.88	58.98	48.837802	-86.926794	56174.22	56250.1	-0.13	56174.09	56155.80859	56247.14391	56234.98438	505371.8	5409427.8
L5370.0	505371.9	5409426.1	13038.09961	332.19	60.47	48.837787	-86.926794	56172.94	56250.1	-0.13	56172.81	56154.34375	56244.96772	56232.82031	505371.9	5409426.1
L5370.0	505371.9	5409424.3	13038.20020	331.29	62.51	48.837770	-86.926793	56171.62	56250.1	-0.13	56171.49	56152.83594	56242.69769	56230.55859	505371.9	5409424.3
L5370.0	505371.9	5409424.3	13038.29981	329.91	65.72	48.837770	-86.926793	56170.35	56250.1	-0.13	56170.21	56151.36328	56241.98078	56229.84375	505371.9	5409424.3
L5370.0	505371.9	5409422.7	13038.40039	329.42	65.72	48.837755	-86.926793	56168.91	56250.1	-0.13	56168.78	56149.73438	56238.85100	56226.70703	505371.9	5409422.7
L5370.0	505371.9	5409421.0	13038.50000	328.54	64.91	48.837740	-86.926793	56167.52	56250.1	-0.13	56167.39	56148.14844	56237.25136	56225.09766	505371.9	5409421.0
L5370.0	505372.0	5409419.8	13038.50000	328.54	65.06	48.837729	-86.926792	56166.09	56250.1	-0.13	56165.96	56146.51172	56235.50183	56223.33594	505372.0	5409419.8
L5370.0	505372.0	5409418.5	13038.70020	332.59	65.06	48.837718	-86.926792	56164.59	56250.1	-0.14	56164.45	56144.79688	56232.73838	56220.55078	505372.0	5409418.5
L5370.0	505372.0	5409418.5	13038.79981	333.93	66.07	48.837718	-86.926792	56163.17	56250.1	-0.14	56163.03	56143.16797	56232.56457	56220.35156	505372.0	5409418.5
L5370.0	505372.0	5409416.8	13038.90039	335.82	63.36	48.837703	-86.926792	56161.64	56250.1	-0.14	56161.51	56141.43359	56230.93208	56218.68750	505372.0	5409416.8

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5370.0	505372.0	5409415.1	13039.00000	335.28	63.36	48.837688	-86.926792	56160.08	56250.1	-0.14	56159.94	56139.64453	56228.88861	56216.60547	505372.0	5409415.1
L5370.0	505372.0	5409415.1	13039.09961	336.06	67.57	48.837688	-86.926792	56158.52	56250.1	-0.14	56158.38	56137.86719	56227.71716	56215.39453	505372.0	5409415.1
L5370.0	505372.0	5409413.6	13039.20020	336.27	67.57	48.837674	-86.926792	56156.87	56250.1	-0.14	56156.73	56135.99219	56225.25316	56212.88281	505372.0	5409413.6
L5370.0	505372.0	5409411.9	13039.29981	336.03	69.25	48.837659	-86.926792	56155.22	56250.1	-0.14	56155.08	56134.11719	56223.43228	56211.01172	505372.0	5409411.9
L5370.0	505372.0	5409411.2	13039.40039	335.41	69.97	48.837652	-86.926792	56153.56	56250.1	-0.14	56153.42	56132.22656	56222.03438	56209.55469	505372.0	5409411.2
L5370.0	505372.0	5409409.6	13039.50000	335.60	69.97	48.837638	-86.926791	56151.84	56250.1	-0.14	56151.70	56130.27344	56219.96868	56207.42969	505372.0	5409409.6
L5370.0	505372.0	5409408.2	13039.59961	335.54	67.57	48.837625	-86.926791	56150.04	56250.1	-0.14	56149.90	56128.23828	56216.79676	56204.19141	505372.0	5409408.2
L5370.0	505372.0	5409408.2	13039.70020	335.54	67.64	48.837625	-86.926791	56148.34	56250.1	-0.14	56148.20	56126.30078	56216.42563	56203.75000	505372.0	5409408.2
L5370.0	505372.1	5409406.6	13039.79981	335.14	67.64	48.837610	-86.926791	56146.53	56250.1	-0.14	56146.39	56124.25000	56214.29585	56201.54297	505372.1	5409406.6
L5370.0	505372.1	5409405.1	13039.90039	333.43	67.28	48.837598	-86.926791	56144.72	56250.1	-0.14	56144.58	56122.19531	56212.79928	56199.96875	505372.1	5409405.1
L5370.0	505372.1	5409403.7	13040.00000	332.95	66.87	48.837585	-86.926791	56142.81	56250.1	-0.14	56142.67	56120.03906	56209.78338	56196.86719	505372.1	5409403.7
L5370.0	505372.1	5409403.0	13040.09961	333.44	66.87	48.837579	-86.926791	56140.91	56250.1	-0.14	56140.77	56117.89063	56207.63010	56194.62891	505372.1	5409403.0
L5370.0	505372.1	5409401.4	13040.20020	333.82	67.98	48.837564	-86.926791	56138.98	56250.1	-0.14	56138.84	56115.70703	56205.48438	56192.39063	505372.1	5409401.4
L5370.0	505372.1	5409401.4	13040.29981	334.21	70.69	48.837564	-86.926791	56137.02	56250.1	-0.14	56136.88	56113.49609	56203.35624	56190.16797	505372.1	5409401.4
L5370.0	505372.1	5409399.8	13040.40039	332.19	70.69	48.837550	-86.926791	56135.08	56250.1	-0.14	56134.95	56111.30859	56202.52505	56189.23438	505372.1	5409399.8
L5370.0	505372.1	5409398.2	13040.50000	333.88	71.17	48.837535	-86.926791	56133.02	56250.1	-0.13	56132.89	56108.99219	56199.61764	56186.22656	505372.1	5409398.2
L5370.0	505372.1	5409398.2	13040.50000	333.88	71.17	48.837535	-86.926791	56130.96	56250.1	-0.13	56130.83	56106.67188	56197.40068	56183.90234	505372.1	5409398.2
L5370.0	505372.1	5409395.5	13040.70020	333.33	71.83	48.837511	-86.926791	56128.84	56250.1	-0.13	56128.71	56104.28906	56194.62402	56181.01953	505372.1	5409395.5
L5370.0	505372.1	5409395.5	13040.79981	331.67	72.05	48.837511	-86.926791	56126.74	56250.1	-0.13	56126.61	56101.92578	56192.96520	56179.25000	505372.1	5409395.5
L5370.0	505372.1	5409393.6	13040.90039	331.21	71.11	48.837494	-86.926791	56124.55	56250.1	-0.13	56124.42	56099.46875	56190.14838	56176.31641	505372.1	5409393.6
L5370.0	505372.1	5409392.2	13041.00000	330.43	71.11	48.837481	-86.926791	56122.26	56250.1	-0.13	56122.13	56096.91406	56185.99206	56172.04688	505372.1	5409392.2
L5370.0	505372.1	5409390.9	13041.09961	330.47	71.82	48.837470	-86.926791	56120.04	56250.1	-0.13	56119.91	56094.42578	56184.00632	56169.94141	505372.1	5409390.9
L5370.0	505372.1	5409390.9	13041.20020	331.41	71.11	48.837470	-86.926791	56117.74	56250.1	-0.13	56117.60	56091.84375	56180.90545	56166.72266	505372.1	5409390.9
L5370.0	505372.1	5409389.3	13041.29981	331.20	72.48	48.837455	-86.926790	56115.41	56250.1	-0.14	56115.28	56089.25391	56178.33915	56164.03125	505372.1	5409389.3
L5370.0	505372.1	5409388.4	13041.40039	331.78	71.72	48.837447	-86.926790	56113.00	56250.1	-0.14	56112.87	56086.57031	56174.67974	56160.25000	505372.1	5409388.4
L5370.0	505372.1	5409386.9	13041.50000	332.86	71.72	48.837434	-86.926790	56110.66	56250.1	-0.14	56110.52	56083.94531	56172.99548	56158.44141	505372.1	5409386.9
L5370.0	505372.1	5409385.2	13041.59961	331.77	68.4	48.837418	-86.926790	56108.18	56250.1	-0.14	56108.03	56081.17969	56169.21712	56154.53906	505372.1	5409385.2
L5370.0	505372.2	5409384.0	13041.70020	330.80	68.64	48.837408	-86.926790	56105.72	56250.1	-0.14	56105.58	56078.45703	56167.01940	56152.21484	505372.2	5409384.0
L5370.0	505372.2	5409383.0	13041.79981	329.77	72.64	48.837399	-86.926790	56103.22	56250.1	-0.15	56103.07	56075.67188	56164.36938	56149.43750	505372.2	5409383.0
L5370.0	505372.1	5409381.6	13041.90039	329.78	72.64	48.837386	-86.926790	56100.74	56250.1	-0.15	56100.59	56072.91406	56163.10880	56148.05078	505372.1	5409381.6
L5370.0	505372.1	5409381.6	13042.00000	331.75	69.89	48.837386	-86.926790	56098.11	56250.2	-0.15	56097.96	56070.00781	56159.56824	56144.38281	505372.1	5409381.6
L5370.0	505372.1	5409380.3	13042.09961	332.33	70.64	48.837375	-86.926790	56095.47	56250.1	-0.15	56095.32	56067.08984	56156.60956	56141.29688	505372.1	5409380.3
L5370.0	505372.1	5409379.0	13042.20020	332.58	71.43	48.837362	-86.926790	56092.83	56250.1	-0.15	56092.68	56064.17188	56154.44418	56139.00781	505372.1	5409379.0
L5370.0	505372.1	5409377.7	13042.29981	333.72	71.43	48.837351	-86.926791	56090.09	56250.1	-0.15	56089.94	56061.15234	56151.02026	56135.45703	505372.1	5409377.7
L5370.0	505372.1	5409375.8	13042.40039	332.12	72.3	48.837334	-86.926791	56087.36	56250.1	-0.15	56087.22	56058.15625	56148.80691	56133.12109	505372.1	5409375.8
L5370.0	505372.1	5409374.9	13042.50000	332.64	73.17	48.837326	-86.926791	56084.52	56250.1	-0.15	56084.38	56055.03906	56144.91837	56129.11328	505372.1	5409374.9
L5370.0	505372.1	5409373.6	13042.50000	332.64	73.17	48.837314	-86.926791	56081.70	56250.1	-0.15	56081.55	56051.93359	56142.04291	56126.11719	505372.1	5409373.6
L5370.0	505372.1	5409372.0	13042.70020	332.08	73.12	48.837300	-86.926791	56078.78	56250.1	-0.14	56078.63	56048.73828	56138.11183	56122.06641	505372.1	5409372.0
L5370.0	505372.1	5409372.0	13042.79981	334.09	69.94	48.837300	-86.926791	56075.88	56250.1	-0.14	56075.74	56045.57031	56135.62272	56119.46094	505372.1	5409372.0
L5370.0	505372.1	5409370.8	13042.90039	333.71	66.77	48.837289	-86.926791	56072.89	56250.1	-0.14	56072.75	56042.30469	56131.87705	56115.60156	505372.1	5409370.8
L5370.0	505372.1	5409369.4	13043.00000	332.97	66.77	48.837277	-86.926792	56070.01	56250.1	-0.14	56069.87	56039.15234	56131.26114	56114.87500	505372.1	5409369.4
L5370.0	505372.1	5409369.4	13043.09961	334.98	69.62	48.837277	-86.926792	56066.92	56250.1	-0.14	56066.78	56035.78906	56127.09879	56110.60547	505372.1	5409369.4
L5370.0	505372.0	5409367.3	13043.20020	334.63	73.45	48.837257	-86.926792	56063.94	56250.1	-0.14	56063.80	56032.53516	56126.08086	56109.48438	505372.0	5409367.3
L5370.0	505372.0	5409366.0	13043.29981	332.71	74.21	48.837246	-86.926792	56060.84	56250.1	-0.14	56060.70	56029.16406	56123.40244	56106.70703	505372.0	5409366.0
L5370.0	505372.0	5409364.7	13043.40039	333.23	74.34	48.837234	-86.926792	56057.69	56250.1	-0.14	56057.54	56025.73438	56120.32123	56103.52734	505372.0	5409364.7
L5370.0	505372.0	5409363.5	13043.50000	335.65	74.34	48.837223	-86.926792	56054.38	56250.1	-0.15	56054.23	56022.15625	56114.95778	56098.07031	505372.0	5409363.5
L5370.0	505372.0	5409362.2	13043.59961	335.85	74.62	48.837211	-86.926792	56051.11	56250.1	-0.15	56050.97	56018.63281	56111.50073	56094.52734	505372.0	5409362.2
L5370.0	505372.0	5409361.1	13043.70020	337.13	74.62	48.837202	-86.926793	56047.72	56250.1	-0.15	56047.58	56014.97656	56106.18834	56089.13281	505372.0	5409361.1
L5370.0	505372.0	5409359.7	13043.79981	335.93	76.41	48.837189	-86.926793	56044.36	56250.1	-0.15	56044.21	56011.34375	56102.15854	56085.02344	505372.0	5409359.7
L5370.0	505372.0	5409358.3	13043.90039	332.78	76.32	48.837177	-86.926793	56040.87	56250.1	-0.15	56040.72	56007.59375	56096.48922	56079.27734	505372.0	5409358.3
L5370.0	505372.0	5409358.3	13044.00000	331.48	74.83	48.837177	-86.926793	56037.40	56250.2	-0.15	56037.25	56003.86719	56092.10042	56074.82031	505372.0	5409358.3
L5370.0	505372.0	5409356.2	13044.09961	331.05	74.83	48.837158	-86.926793	56033.78	56250.2	-0.15	56033.63	55999.99219	56085.45126	56068.10938	505372.0	5409356.2
L5370.0	505372.0	5409356.2	13044.20020	332.60	71.02	48.837158	-86.926793	56030.16	56250.2	-0.15	56030.01	55996.11719	56079.66207	56062.26563	505372.0	5409356.2
L5370.0	505371.9	5409354.8	13044.29981	331.40	72.13	48.837145	-86.926794	56026.50	56250.2	-0.15	56026.35	55992.20703	56073.89583	56056.44922	505371.9	5409354.8
L5370.0	505371.9	5409353.5	13044.40039	333.49	76.37	48.837133	-86.926794	56022.84	56250.2	-0.15	56022.69	55988.29688	56068.97347	56051.48047	505371.9	5409353.5
L5370.0	505371.9	5409352.3	13044.50000	333.37	77.66	48.837123	-86.926794	56019.14	56250.2	-0.15	56018.99	55984.35156	56064.05731	56046.52734	505371.9	5409352.3
L5370.0	505371.9	5409351.2	13044.50000	333.37	77.66	48.837112	-86.926794	56015.40	56250.2	-0.15	56015.25	55980.37109	56059.13886	56041.57813	505371.9	5409351.2
L5370.0	505371.9	5409349.5	13044.59961	333.50	75.03	48.837097	-86.926794	56011.55	56250.2	-0.15	56011.40	55976.28125	56052.76339	56035.17969	505371.9	5409349.5
L5370.0	505371.9	5409348.3	13044.79981	331.08	75.03	48.837087	-86.926795	56007.70	56250.2	-0.15	56007.55	55972.19531	56047.18355	56029.58203	505371.9	5409348.3
L5370.0	505371.9	5409346.9	13044.90039	331.85	76.91	48.837074	-86.926795	56003.81	56250.2	-0.15	56003.66	55968.07422	56041.55641	56023.94531	505371.9	5409346.9
L5370.0	505371.9	5409346.9	13045.00000	330.97	75.06	48.837074	-86.926795	55999.89	56250.2	-0.15	55999.74	55963.92188	56036.06807	56018.45313	505371.9	5409346.9
L5370.0	505371.8	5409345.4	13045.09961	330.62	74.74	48.837061	-86.926795	55995.87	56250.1	-0.15	55995.72	55959.67969	56029.25636	56011.64844	505371.8	5409345.4
L5370.0	505371.8	5409343.7	13045.20020	331.87	74.74	48.837045	-86.926795	55991.79	56250.1	-0.15	55991.64	55955.37500	56021.91868	56004.32422	505371.8	5409343.7
L5370.0	505371.8	5409342.3	13045.29981	332.81	74.24	48.837032	-86.926795	55987.68	56250.1	-0.15	55987.53	55951.04688	56014.64410	55997.07031	505371.8	5409342.3
L5370.0	505371.8	5409341.5	13045.40039	333.66	73.85	48.837025	-86.926796	55983.52	56250.1	-0.15	55983.38	55946.68359	56007.19676	55989.65234	505371.8	5409341.5
L5370.0	505371.8	5409339.7	13045.50000	334.80	73.85	48.837009	-86.926796	55979.38	56250.1	-0.14	55979.23	55942.32422	56000.37057	55982.86328	505371.8	5409339.7
L5370.0	505371.8	5409339.7	13045.59961	335.65	73.92	48.837009	-86.926796	55975.13	56250.1	-0.14	55974.98	55937.86719	55992.07030	55974.60938	505371.8	5409339.7
L5370.0	505371.8	5409338.2	13045.70020	336.63	73.92	48.836996	-86.926796	55970.93	56250.1	-0.14	55970.78	55933.46484	55985.35829	55967.95313	505371.8	5409338.2
L5370.0	505371.8	5409336.8	13045.79981	335.01	74.48	48.836983	-86.926796	55966.63	56250.1	-0.14	55966.49	55928.97656	55977.30524	55959.96094	505371.8	5409336.8
L5370.0	505371.7	5409335.5	13045.90039	331.02	75.84	48.836971	-86.926796	55962.36	56250.1	-0.14	55962.21	55924.50391	55969.94136	55952.66797	505371.7	5409335.5
L5370.0	505371.7	5409333.9	13046.00000	331.73	75.9	48.836957	-86.926797	55957.92	56250.1	-0.14	55957.78	55919.88281	55959.90652	55942.71484	505371.7	5409333.9
L5370.0	505371.7	5409333.9	13046.09961	331.13	75.9	48.836957	-86.926797	55953.63	56250.1	-0.14	55953.49	55915.41016	55953.18117	55936.07813	505371.7	5409333.9
L5370.0	505371.7	5409332.6	13046.20020	331.22	74.91	48.836946	-86.926797	55949.22	56250.1	-0.14	55949.08	55910.82031	55944.32041	55927.31250	505371.7	5409332.6
L5370.0	505371.7	5409331.2	13046.29981	331.66	74.91	48.836932	-86.926797	55944.77	56250.1	-0.14	55944.64	55906.20313	55935.14933	55918.25000	505371.7	5409331.2
L5370.0	505371.7	5409329.6	13046.40039	333.14	75.11	48.836918	-86.926797	55940.34	56250.1	-0.14	55940.21	55901.60547	55926.45830	55909.67188	505371.7	5409329.6
L5370.0	505371.7	5409328.1	13046.50000	334.29	64.44	48.836905	-86.926797	55935.79	56250.1	-0.13	55935.66	55896.88672	55915.48293	55898.82031	505371.7	5409328.1
L5370.0	505371.7	5409326.9	13046.50000	334.29	68.54	48.836894	-86.926797	55931.32	56250.1	-0.13	55931.18	55892.25000	55906.14980	55889.62109	505371.7	5409326.9
L5370.0	505371.7	5409325.9	13046.70020	333.72	68.54	48.836885	-86.926797	55926.76	56250.1	-0.13	55926.63	55887.54297	55895.48030	55879.09375	505371.7	5409325.9
L5370.0	505371.7	5409325.9	13046.79981	332.85	71	48.836885	-86.926797	55922.26	56250.1	-0.13	55922.13	55882.89453	55885.94012	55869.70703	505371.7	5409325.9
L5370.0	505371.7	5409324.0	13046.90039	333.51	71.07	48.836868	-86.926797	55917.68	56250.1	-0.13	55917.55	55878.16797	55874.75095	55858.67578	505371.7	5409324.0
L5370.0	505371.7	5409322.3	13047.00000	334.80	71.07	48.836853	-86.926797	55913.18	56250.1	-0.13	55913.05	55873.52734	55865.21801	55849.31250	505371.7	5409322.3
L5370.0	505371.7	5409321.4	13047.09961	335.17	72.35	48.836844	-86.926797	55908.63	56250.1	-0.13	55908.50	55868.84375	55854.55679	55838.82813	505371.7	5409321.4
L5370.0	505371.7	5409319.7	13047.20020	334.59	72.19	48.836830	-86.926797	55904.05	56250.1	-0.13	55903.92	55864.13281	55843.12925	55827.58984	505371.7	5409319.7
L5370.0	505371.7	5409318.7	13047.29981	332.96	72.19	48.836821	-86.926797	55899.46	56250.1	-0.13	55899.33	55859.42188	55831.29608	55815.94922	505371.7	5409318.7
L5370.0	505371.7	5409318.7	13047.40039	333.28	75.79	48.836821	-86.926797	55894.96	56250.1	-0.13	55894.83	55854.80078	55821.09479	55805.95313	505371.7	5409318.7
L5370.0	505371.7	5409317.4	13047.50000	331.83	75.81	48.836808	-86.926797	55890.41	56250.1	-0.13	55890.28	55850.14063	55809.52316	55794.59375	505371.7	5409317.4
L5370.0	505371.7	5409316.2	13047.59961	331.61	75.81	48.836797	-86.926797	55885.88	56250.1	-0.13	55885.75	55845.50391	55797.98398	55783.27344	505371.7	5409316.2
L5370.0	505371.7	5409314.7	13047.70020	333.50	76.24	48.836785	-86.926797	55881.36	56250.1	-0.13	55881.23	55840.87891	55786.19828	55771.71875	505371.7	5409314.7
L5370.0	505371.7	5409313.5	13047.79981	334.94	76.43	48.836774	-86.926797	55876.88	56250.1	-0.13	55876.75	55836.30469	55774.72807	55760.48438	505371.7	5409313.5
L5370.0	505371.7	5409312.1	13047.90039	333.29	74.85	48.836761	-86.926797	55872.36	56250.1	-0.13	55872.23	55831.69531	55761.82828	55747.82813	505371.7	5409312.1
L5370.0	505371.7	5409310.6	13048.00000	331.78	74.85	48.836748	-86.926797	55867.90	56250.1	-0.13	55867.77	55827.14844	55749.52523	55735.77734	505371.7	5409310.6
L5370.0	505371.7	5409310.6	13048.09961	331.47	71.58	48.836748	-86.926797	55863.48	56250.1	-0.13	55863.34	55822.64063	55737.12020	55723.63281	505371.7	5409310.6
L5370.0	505371.7	5409309.0	13048.20020	332.01	71.49	48.836733	-86.926797	55859.02	56250.1	-0.14	55858.88	55818.10547	55723.28495	55710.07031	505371.7	5409309.0

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5370.0	505371.8	5409307.6	13048.29981	332.28	71.49	48.836720	-86.926797	55854.62	56250.1	-0.14	55854.48	55813.64063	55709.83249	55696.89063	505371.8	5409307.6
L5370.0	505371.8	5409306.1	13048.40039	332.01	72.76	48.836707	-86.926797	55850.30	56250.1	-0.14	55850.15	55809.24609	55696.89840	55684.23828	505371.8	5409306.1
L5370.0	505371.8	5409305.0	13048.50000	333.30	74.31	48.836697	-86.926797	55846.05	56250.1	-0.15	55845.90	55804.94141	55684.62197	55672.25391	505371.8	5409305.0
L5370.0	505371.8	5409303.6	13048.50000	333.30	74.31	48.836684	-86.926796	55841.72	56250.1	-0.15	55841.58	55800.57031	55669.78276	55657.71094	505371.8	5409303.6
L5370.0	505371.8	5409303.6	13048.70020	333.13	75.03	48.836684	-86.926796	55837.52	56250.2	-0.15	55837.37	55796.31641	55656.08095	55644.31250	505371.8	5409303.6
L5370.0	505371.8	5409301.4	13048.79981	331.94	73.58	48.836665	-86.926796	55833.30	56250.2	-0.15	55833.15	55792.05859	55640.93319	55629.47266	505371.8	5409301.4
L5370.0	505371.8	5409300.2	13048.90039	333.14	71.8	48.836654	-86.926796	55829.18	56250.2	-0.16	55829.02	55787.89453	55626.38463	55615.24219	505371.8	5409300.2
L5370.0	505371.8	5409299.1	13049.00000	334.99	73.14	48.836644	-86.926796	55825.08	56250.2	-0.16	55824.92	55783.76563	55611.11834	55600.29688	505371.8	5409299.1
L5370.0	505371.8	5409298.2	13049.09961	334.49	73.39	48.836635	-86.926796	55821.16	56250.2	-0.16	55821.00	55779.82422	55598.25052	55587.75391	505371.8	5409298.2
L5370.0	505371.8	5409297.0	13049.20020	333.65	72.37	48.836625	-86.926796	55817.18	56250.2	-0.15	55817.03	55775.83984	55582.88491	55572.72266	505371.8	5409297.0
L5370.0	505371.8	5409295.4	13049.29981	334.96	72.37	48.836611	-86.926796	55813.34	56250.2	-0.15	55813.19	55771.98828	55568.77757	55558.95313	505371.8	5409295.4
L5370.0	505371.8	5409295.4	13049.40039	333.80	73.78	48.836611	-86.926796	55809.57	56250.1	-0.15	55809.42	55768.21484	55554.62148	55545.13672	505371.8	5409295.4
L5370.0	505371.8	5409293.6	13049.50000	333.64	72.87	48.836594	-86.926797	55805.88	56250.1	-0.15	55805.73	55764.52734	55540.59553	55531.45703	505371.8	5409293.6
L5370.0	505371.8	5409292.2	13049.59961	333.48	72.87	48.836582	-86.926797	55802.34	56250.1	-0.14	55802.20	55761.00391	55528.35944	55519.57422	505371.8	5409292.2
L5370.0	505371.8	5409290.9	13049.70020	332.35	75.29	48.836570	-86.926797	55798.82	56250.1	-0.14	55798.68	55757.49609	55514.70924	55506.27734	505371.8	5409290.9
L5370.0	505371.8	5409289.8	13049.79981	333.65	75.29	48.836560	-86.926797	55795.43	56250.1	-0.14	55795.29	55754.12109	55502.13898	55494.06641	505371.8	5409289.8
L5370.0	505371.7	5409288.2	13049.90039	334.88	76.25	48.836546	-86.926797	55792.19	56250.1	-0.13	55792.06	55750.91406	55491.22923	55483.51953	505371.7	5409288.2
L5370.0	505371.7	5409288.2	13050.00000	334.20	76.08	48.836546	-86.926797	55788.98	56250.1	-0.13	55788.85	55747.73438	55478.97775	55471.63281	505371.7	5409288.2
L5370.0	505371.7	5409286.7	13050.09961	334.12	76.22	48.836532	-86.926797	55785.94	56250.1	-0.13	55785.81	55744.72656	55468.49318	55461.51563	505371.7	5409286.7
L5370.0	505371.7	5409285.5	13050.20020	335.65	76.22	48.836521	-86.926797	55783.04	56250.1	-0.13	55782.91	55741.86719	55459.08614	55452.47656	505371.7	5409285.5
L5370.0	505371.7	5409283.8	13050.29981	333.88	70.3	48.836506	-86.926797	55780.16	56250.1	-0.13	55780.03	55739.03125	55448.17566	55441.94141	505371.7	5409283.8
L5370.0	505371.7	5409282.9	13050.40039	333.84	70.3	48.836498	-86.926797	55777.47	56250.1	-0.13	55777.34	55736.39063	55439.26291	55433.39844	505371.7	5409282.9
L5370.0	505371.7	5409281.4	13050.50000	332.42	74.31	48.836485	-86.926798	55774.91	56250.1	-0.13	55774.78	55733.88672	55431.02572	55425.53516	505371.7	5409281.4
L5370.0	505371.7	5409280.2	13050.50000	332.42	74.31	48.836474	-86.926798	55772.49	56250.1	-0.13	55772.36	55731.52344	55423.61025	55418.49609	505371.7	5409280.2
L5370.0	505371.7	5409280.2	13050.70020	331.24	77.33	48.836474	-86.926798	55770.18	56250.1	-0.13	55770.05	55729.28125	55416.32878	55411.59375	505371.7	5409280.2
L5370.0	505371.7	5409278.3	13050.79981	329.07	77.33	48.836457	-86.926798	55768.02	56250.1	-0.13	55767.89	55727.19141	55409.95916	55405.60156	505371.7	5409278.3
L5370.0	505371.7	5409277.2	13050.90039	330.00	73.36	48.836447	-86.926798	55765.98	56250.1	-0.13	55765.85	55725.22656	55403.82334	55399.84375	505371.7	5409277.2
L5370.0	505371.7	5409275.7	13051.00000	332.10	73.36	48.836434	-86.926798	55764.07	56250.1	-0.13	55763.94	55723.39453	55398.06893	55394.46484	505371.7	5409275.7
L5370.0	505371.7	5409274.5	13051.09961	331.45	75.02	48.836423	-86.926798	55762.32	56250.1	-0.13	55762.20	55721.73828	55393.46106	55390.23047	505371.7	5409274.5
L5370.0	505371.7	5409273.1	13051.20020	332.27	75.02	48.836410	-86.926798	55760.72	56250.1	-0.13	55760.60	55720.22656	55389.33005	55386.47656	505371.7	5409273.1
L5370.0	505371.7	5409271.9	13051.29981	332.01	75.51	48.836399	-86.926798	55759.29	56250.1	-0.13	55759.16	55718.87891	55386.05183	55383.57422	505371.7	5409271.9
L5370.0	505371.7	5409271.9	13051.40039	332.17	75.82	48.836399	-86.926798	55757.96	56250.1	-0.13	55757.84	55717.65625	55382.76709	55380.66016	505371.7	5409271.9
L5370.0	505371.7	5409270.4	13051.50000	332.45	75.82	48.836386	-86.926798	55756.76	56250.1	-0.13	55756.63	55716.55078	55379.26100	55377.52344	505371.7	5409270.4
L5370.0	505371.7	5409268.6	13051.59961	331.87	78.27	48.836369	-86.926798	55755.76	56250.1	-0.12	55755.64	55715.66797	55377.83704	55376.46484	505371.7	5409268.6
L5370.0	505371.7	5409267.7	13051.70020	332.35	78.27	48.836361	-86.926798	55754.89	56250.1	-0.12	55754.77	55714.90625	55376.47909	55375.47266	505371.7	5409267.7
L5370.0	505371.7	5409266.4	13051.79981	332.09	77.5	48.836349	-86.926798	55754.15	56250.1	-0.12	55754.03	55714.28125	55375.44147	55374.79688	505371.7	5409266.4
L5370.0	505371.7	5409265.3	13051.90039	331.67	74.36	48.836340	-86.926798	55753.52	56250.1	-0.12	55753.40	55713.76953	55374.40149	55374.11719	505371.7	5409265.3
L5370.0	505371.7	5409265.3	13052.00000	331.93	74.36	48.836340	-86.926798	55753.04	56250.1	-0.12	55752.92	55713.41406	55374.29831	55374.36719	505371.7	5409265.3
L5370.0	505371.7	5409263.6	13052.09961	330.58	76.89	48.836324	-86.926798	55752.71	56250.1	-0.12	55752.59	55713.20703	55375.24187	55375.66016	505371.7	5409263.6
L5370.0	505371.7	5409262.2	13052.20020	330.81	76.89	48.836312	-86.926798	55752.56	56250.1	-0.12	55752.43	55713.17969	55377.72999	55378.49609	505371.7	5409262.2
L5370.0	505371.7	5409260.8	13052.29981	331.50	77.33	48.836299	-86.926798	55752.52	56250.1	-0.13	55752.39	55713.27344	55380.73031	55381.83984	505371.7	5409260.8
L5370.0	505371.7	5409259.3	13052.40039	333.17	77.33	48.836286	-86.926798	55752.68	56250.1	-0.13	55752.55	55713.57031	55385.92306	55387.37109	505371.7	5409259.3
L5370.0	505371.7	5409259.3	13052.50000	334.76	65.91	48.836286	-86.926798	55752.90	56250.1	-0.13	55752.77	55713.92969	55390.40403	55392.17969	505371.7	5409259.3
L5370.0	505371.7	5409257.6	13052.50000	334.76	65.91	48.836271	-86.926798	55753.29	56250.1	-0.13	55753.16	55714.46094	55396.48198	55398.58594	505371.7	5409257.6
L5370.0	505371.7	5409256.0	13052.70020	334.06	65.32	48.836256	-86.926798	55753.88	56250.1	-0.13	55753.74	55715.18750	55404.57023	55406.99609	505371.7	5409256.0
L5370.0	505371.7	5409254.5	13052.79981	334.90	65.32	48.836242	-86.926798	55754.53	56250.1	-0.14	55754.39	55715.98828	55412.15050	55414.89063	505371.7	5409254.5
L5370.0	505371.7	5409253.1	13052.90039	334.95	80	48.836230	-86.926798	55755.40	56250.1	-0.14	55755.26	55717.01172	55422.30368	55425.35156	505371.7	5409253.1
L5370.0	505371.7	5409253.1	13053.00000	333.54	79.29	48.836230	-86.926798	55756.42	56250.1	-0.14	55756.28	55718.18359	55433.55721	55436.90234	505371.7	5409253.1
L5370.0	505371.7	5409251.2	13053.09961	334.83	79.29	48.836213	-86.926798	55757.42	56250.1	-0.14	55757.28	55719.34375	55442.41039	55446.05078	505371.7	5409251.2
L5370.0	505371.7	5409249.5	13053.20020	333.16	77.21	48.836198	-86.926798	55758.60	56250.1	-0.14	55758.46	55720.68359	55452.97076	55456.89844	505371.7	5409249.5
L5370.0	505371.7	5409248.1	13053.29981	332.15	77.21	48.836185	-86.926798	55759.74	56250.1	-0.13	55759.60	55721.98438	55460.75092	55464.95703	505371.7	5409248.1
L5370.0	505371.7	5409248.1	13053.40039	331.82	74.29	48.836185	-86.926798	55761.13	56250.1	-0.13	55761.00	55723.55078	55471.85086	55476.32813	505371.7	5409248.1
L5370.0	505371.7	5409246.8	13053.50000	329.62	74.29	48.836174	-86.926798	55762.60	56250.1	-0.13	55762.47	55725.18750	55482.42107	55487.16406	505371.7	5409246.8
L5370.0	505371.8	5409245.2	13053.59961	328.84	76.34	48.836159	-86.926797	55764.13	56250.1	-0.13	55764.00	55726.88672	55492.28779	55497.28516	505371.8	5409245.2
L5370.0	505371.8	5409245.2	13053.70020	329.67	76.34	48.836159	-86.926797	55765.79	56250.1	-0.13	55765.66	55728.71875	55502.88850	55508.13281	505371.8	5409245.2
L5370.0	505371.8	5409243.3	13053.79981	328.85	81.64	48.836142	-86.926797	55767.54	56250.1	-0.12	55767.41	55730.64063	55513.45416	55518.93750	505371.8	5409243.3
L5370.0	505371.8	5409241.9	13053.90039	328.65	81.64	48.836129	-86.926797	55769.38	56250.1	-0.12	55769.25	55732.65625	55524.02346	55529.73828	505371.8	5409241.9
L5370.0	505371.8	5409240.4	13054.00000	328.89	78.82	48.836116	-86.926797	55771.30	56250.1	-0.12	55771.18	55734.76172	55534.63662	55540.57031	505371.8	5409240.4
L5370.0	505371.8	5409240.4	13054.09961	330.32	77	48.836116	-86.926797	55773.30	56250.1	-0.12	55773.18	55736.93750	55544.94088	55551.08594	505371.8	5409240.4
L5370.0	505371.8	5409239.3	13054.20020	330.44	78.33	48.836105	-86.926797	55775.39	56250.1	-0.12	55775.27	55739.20703	55555.38873	55561.73438	505371.8	5409239.3
L5370.0	505371.8	5409237.3	13054.29981	331.41	78.33	48.836088	-86.926797	55777.45	56250.1	-0.13	55777.32	55741.43750	55563.45610	55569.99609	505371.8	5409237.3
L5370.0	505371.8	5409235.9	13054.40039	331.41	82.21	48.836076	-86.926797	55779.70	56250.1	-0.13	55779.57	55743.86719	55573.99532	55580.71875	505371.8	5409235.9
L5370.0	505371.8	5409234.5	13054.50000	332.62	82.21	48.836063	-86.926797	55781.90	56250.1	-0.13	55781.77	55746.25000	55582.09379	55588.98828	505371.8	5409234.5
L5370.0	505371.8	5409234.5	13054.50000	332.62	82.66	48.836063	-86.926797	55784.25	56250.1	-0.13	55784.12	55748.78125	55591.86629	55598.92188	505371.8	5409234.5
L5370.0	505371.8	5409233.1	13054.70020	333.10	82.66	48.836050	-86.926797	55786.71	56250.1	-0.13	55786.58	55751.42578	55602.63319	55609.84375	505371.8	5409233.1
L5370.0	505371.8	5409231.7	13054.79981	332.84	81.76	48.836037	-86.926797	55789.23	56250.1	-0.14	55789.10	55754.12891	55613.49609	55620.84766	505371.8	5409231.7
L5370.0	505371.8	5409229.8	13054.90039	332.56	81.76	48.836020	-86.926797	55791.82	56250.1	-0.14	55791.68	55756.89453	55624.56965	55632.05469	505371.8	5409229.8
L5370.0	505371.8	5409229.8	13055.00000	332.92	75.07	48.836020	-86.926797	55794.39	56250.1	-0.14	55794.25	55759.64844	55634.52803	55642.13281	505371.8	5409229.8
L5370.0	505371.8	5409228.3	13055.09961	334.82	81.98	48.836007	-86.926798	55797.02	56250.1	-0.14	55796.89	55762.47266	55645.10793	55652.82422	505371.8	5409228.3
L5370.0	505371.8	5409227.2	13055.20020	333.18	81.98	48.835997	-86.926798	55799.68	56250.1	-0.13	55799.55	55765.31641	55655.36300	55663.17969	505371.8	5409227.2
L5370.0	505371.7	5409225.7	13055.29981	333.84	81.61	48.835984	-86.926798	55802.24	56250.1	-0.13	55802.11	55768.06250	55662.84232	55670.75000	505371.7	5409225.7
L5370.0	505371.7	5409224.1	13055.40039	334.37	81.61	48.835969	-86.926798	55804.94	56250.1	-0.13	55804.81	55770.94922	55672.58851	55680.57813	505371.7	5409224.1
L5370.0	505371.7	5409224.1	13055.50000	333.16	84.29	48.835969	-86.926798	55807.59	56250.1	-0.13	55807.47	55773.79297	55680.89449	55688.94922	505371.7	5409224.1
L5370.0	505371.7	5409222.9	13055.59961	334.21	84.29	48.835958	-86.926798	55810.31	56250.1	-0.12	55810.19	55776.69531	55689.89581	55698.00781	505371.7	5409222.9
L5370.0	505371.7	5409221.7	13055.70020	334.94	82.6	48.835948	-86.926798	55813.02	56250.1	-0.12	55812.90	55779.58984	55698.16661	55706.32813	505371.7	5409221.7
L5370.0	505371.7	5409220.3	13055.79981	333.09	82.6	48.835935	-86.926799	55815.71	56250.1	-0.12	55815.60	55782.47266	55705.73707	55713.93359	505371.7	5409220.3
L5370.0	505371.7	5409218.9	13055.90039	333.77	83.13	48.835922	-86.926799	55818.43	56250.1	-0.11	55818.31	55785.36328	55713.05537	55721.27734	505371.7	5409218.9
L5370.0	505371.7	5409217.2	13056.00000	332.74	83.1	48.835907	-86.926799	55821.13	56250.1	-0.11	55821.02	55788.25391	55719.93942	55728.17578	505371.7	5409217.2
L5370.0	505371.7	5409217.2	13056.09961	332.61	83.1	48.835907	-86.926799	55823.89	56250.1	-0.11	55823.78	55791.19531	55727.45317	55735.69141	505371.7	5409217.2
L5370.0	505371.7	5409215.9	13056.20020	335.77	83.99	48.835895	-86.926799	55826.64	56250.1	-0.11	55826.53	55794.12500	55734.37255	55742.60547	505371.7	5409215.9
L5370.0	505371.7	5409214.5	13056.29981	335.39	83.44	48.835883	-86.926799	55829.45	56250.1	-0.12	55829.33	55797.10156	55741.96068	55750.17578	505371.7	5409214.5
L5370.0	505371.7	5409213.1	13056.40039	336.10	83.44	48.835870	-86.926799	55832.21	56250.1	-0.12	55832.10	55800.05078	55748.59856	55756.78516	505371.7	5409213.1
L5370.0	505371.7	5409213.1	13056.50000	335.10	84.38	48.835870	-86.926799	55834.99	56250.1	-0.12	55834.87	55802.99609	55754.93791	55763.08203	505371.7	5409213.1
L5370.0	505371.7	5409210.9	13056.50000	335.10	87.41	48.835851	-86.926799	55837.72	56250.1	-0.12	55837.60	55805.89844	55760.20058	55768.29688	505371.7	5409210.9
L5370.0	505371.7	5409209.5	13056.70020	334.69	88.36	48.835838	-86.926799	55840.53	56250.1	-0.12	55840.41	55808.88281	55766.85587	55774.89063	505371.7	5409209.5
L5370.0	505371.7	5409209.5	13056.79981	331.33	88.36	48.835838	-86.926799	55843.34	56250.1	-0.13	55843.21	55811.85156	55773.11470	55781.07813	505371.7	5409209.5
L5370.0	505371.6	5409208.3	13056.90039	330.80	87.64	48.835827	-86.926800	55846.08	56250.1	-0.13	55845.95	55814.76172	55778.01279	55785.89453	505371.6	5409208.3
L5370.0	505371.6	5409206.9	13057.00000	329.29	85.36	48.835815	-86.926800	55848.86	56250.1	-0.13	55848.73	55817.70703	55783.60851	55791.39844	505371.6	5409206.9
L5370.0	505371.6	5409205.3	13057.09961	328.34	85.36	48.835800	-86.926800	55851.56	56250.1	-0.13	55851.43	55820.57422	55787.52258	55795.21094	505371.6	5409205.3
L5370.0	505371.6	5409204.3	13057.20020	327.91	88.32	48.835791	-86.926800	55854.27	56250.1	-0.13	55854.13	55823.43750	55791.40216	55798.98047	505371.6	5409204.3
L5370.0	505371.6	5409202.7	13057.29981	328.58	87.17	48.835777	-86.926800	55857.00	56250.1	-0.13	55856.86	55826.32813	55795.88929	55803.34375	505371.6	5409202.7
L5370.0	505371.6	5409202.7	13057.40039	330.68	86.26	48.835777	-86.926800	55859.78	56250.1	-0.13	55859.65	55829.27344	55801.63451	55808.95703	505371.6	5409202.7
L5370.0	505371.6	5409201.3	13057.50000	330.15	85.06	48.835764	-86.926800	55862.46	56250.1	-0.13	55862.33	55832.10938	55805.23345	55812.41406	505371.6	5409201.3

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5370.0	505371.6	5409199.2	13057.59961	330.34	85.06	48.835745	-86.926800	55865.06	56250.1	-0.14	55864.93	55834.86328	55807.31396	55814.34375	505371.6	5409199.2
L5370.0	505371.6	5409198.0	13057.70020	333.15	88.16	48.835735	-86.926800	55867.72	56250.1	-0.14	55867.59	55837.67578	55810.76181	55817.63281	505371.6	5409198.0
L5370.0	505371.6	5409196.8	13057.79981	335.80	89.11	48.835724	-86.926800	55870.46	56250.1	-0.14	55870.32	55840.55469	55815.83934	55822.53906	505371.6	5409196.8
L5370.0	505371.6	5409196.8	13057.90039	334.99	88.89	48.835724	-86.926800	55873.11	56250.1	-0.14	55872.97	55843.35156	55819.49177	55826.01172	505371.6	5409196.8
L5370.0	505371.7	5409195.4	13058.00000	333.37	88.89	48.835711	-86.926800	55875.74	56250.1	-0.14	55875.60	55846.12500	55822.98036	55829.31250	505371.7	5409195.4
L5370.0	505371.7	5409194.4	13058.09961	333.99	88.91	48.835702	-86.926799	55878.38	56250.1	-0.14	55878.24	55848.90625	55826.96305	55833.09766	505371.7	5409194.4
L5370.0	505371.7	5409192.8	13058.20020	334.12	88.91	48.835688	-86.926799	55880.98	56250.1	-0.13	55880.84	55851.64453	55830.42087	55836.35156	505371.7	5409192.8
L5370.0	505371.7	5409191.4	13058.29981	335.47	88.54	48.835675	-86.926799	55883.54	56250.1	-0.13	55883.40	55854.33984	55833.37564	55839.09375	505371.7	5409191.4
L5370.0	505371.7	5409190.0	13058.40039	336.28	88.8	48.835662	-86.926799	55886.12	56250.1	-0.13	55885.99	55857.05859	55837.34759	55842.84375	505371.7	5409190.0
L5370.0	505371.7	5409190.0	13058.50000	335.62	88.68	48.835662	-86.926799	55888.59	56250.1	-0.13	55888.47	55859.66797	55839.35702	55844.62109	505371.7	5409190.0
L5370.0	505371.7	5409188.3	13058.50000	335.62	88.68	48.835647	-86.926799	55891.20	56250.1	-0.13	55891.07	55862.39453	55844.37904	55849.40625	505371.7	5409188.3
L5370.0	505371.7	5409187.1	13058.70020	335.47	92.91	48.835637	-86.926799	55893.68	56250.1	-0.12	55893.56	55865.00781	55847.46923	55852.25000	505371.7	5409187.1
L5370.0	505371.7	5409185.7	13058.79981	334.86	94.91	48.835624	-86.926799	55896.13	56250.1	-0.12	55896.02	55867.58594	55850.36498	55854.89063	505371.7	5409185.7
L5370.0	505371.7	5409185.7	13058.90039	334.38	94.91	48.835624	-86.926799	55898.61	56250.1	-0.11	55898.50	55870.18359	55854.16572	55858.43359	505371.7	5409185.7
L5370.0	505371.7	5409182.6	13059.00000	335.32	95	48.835596	-86.926799	55901.06	56250.1	-0.11	55900.95	55872.74609	55857.78838	55861.78516	505371.7	5409182.6
L5370.0	505371.7	5409182.6	13059.09961	335.33	94.54	48.835596	-86.926799	55903.52	56250.1	-0.11	55903.41	55875.31641	55862.10656	55865.82813	505371.7	5409182.6
L5370.0	505371.7	5409181.5	13059.20020	335.16	94.8	48.835586	-86.926799	55905.89	56250.1	-0.11	55905.78	55877.79297	55864.94242	55868.38281	505371.7	5409181.5
L5370.0	505371.7	5409180.0	13059.29981	334.63	94.8	48.835572	-86.926799	55908.27	56250.1	-0.11	55908.16	55880.27734	55868.46465	55871.61719	505371.7	5409180.0
L5370.0	505371.7	5409178.8	13059.40039	334.02	96.04	48.835562	-86.926799	55910.68	56250.1	-0.11	55910.57	55882.78516	55873.09017	55875.94922	505371.7	5409178.8
L5370.0	505371.7	5409177.6	13059.50000	335.75	96.36	48.835551	-86.926798	55913.03	56250.1	-0.11	55912.92	55885.23047	55876.86438	55879.42188	505371.7	5409177.6
L5370.0	505371.8	5409176.3	13059.59961	337.27	96.68	48.835539	-86.926798	55915.38	56250.1	-0.11	55915.27	55887.67188	55881.07385	55883.32422	505371.8	5409176.3
L5370.0	505371.8	5409174.9	13059.70020	336.84	96.68	48.835526	-86.926798	55917.66	56250.1	-0.11	55917.55	55890.04297	55884.21299	55886.15234	505371.8	5409174.9
L5370.0	505371.8	5409174.4	13059.79981	338.06	94.56	48.835522	-86.926798	55919.93	56250.1	-0.11	55919.82	55892.39844	55887.56487	55889.18750	505371.8	5409174.4
L5370.0	505371.8	5409172.5	13059.90039	336.57	96.97	48.835505	-86.926798	55922.26	56250.1	-0.11	55922.15	55894.80859	55892.61019	55893.91016	505371.8	5409172.5
L5370.0	505371.8	5409172.5	13060.00000	333.72	97.07	48.835505	-86.926798	55924.46	56250.1	-0.11	55924.35	55897.08594	55895.31256	55896.28516	505371.8	5409172.5
L5370.0	505371.8	5409171.1	13060.09961	333.66	93.28	48.835492	-86.926798	55926.66	56250.1	-0.11	55926.55	55899.35938	55898.43217	55899.07031	505371.8	5409171.1
L5370.0	505371.8	5409169.7	13060.20020	331.39	93.28	48.835480	-86.926798	55928.81	56250.1	-0.11	55928.70	55901.58203	55900.90758	55901.20703	505371.8	5409169.7
L5370.0	505371.8	5409169.7	13060.29981	331.41	95.48	48.835480	-86.926798	55930.96	56250.1	-0.11	55930.84	55903.78906	55903.58798	55903.54688	505371.8	5409169.7
L5370.0	505371.8	5409167.4	13060.40039	329.02	95.35	48.835459	-86.926798	55933.09	56250.1	-0.11	55932.97	55905.98047	55906.47667	55906.08984	505371.8	5409167.4
L5370.0	505371.8	5409166.2	13060.50000	331.12	94.6	48.835448	-86.926798	55935.18	56250.1	-0.12	55935.07	55908.14063	55909.15202	55908.41406	505371.8	5409166.2
L5370.0	505371.8	5409164.9	13060.50000	331.12	94.6	48.835437	-86.926798	55937.23	56250.1	-0.12	55937.12	55910.24609	55911.18640	55910.09375	505371.8	5409164.9
L5370.0	505371.8	5409164.0	13060.70020	332.25	95.18	48.835429	-86.926798	55939.28	56250.1	-0.12	55939.16	55912.33984	55913.43396	55911.98438	505371.8	5409164.0
L5370.0	505371.8	5409162.8	13060.79981	332.28	95.18	48.835418	-86.926798	55941.41	56250.1	-0.12	55941.29	55914.51563	55918.06053	55916.25391	505371.8	5409162.8
L5370.0	505371.8	5409161.4	13060.90039	334.97	95.54	48.835405	-86.926797	55943.43	56250.1	-0.12	55943.31	55916.58203	55920.75953	55918.58594	505371.8	5409161.4
L5370.0	505371.9	5409160.0	13061.00000	335.70	95.54	48.835392	-86.926797	55945.45	56250.1	-0.12	55945.33	55918.64063	55923.90460	55921.36719	505371.9	5409160.0
L5370.0	505371.9	5409160.0	13061.09961	335.29	94.9	48.835392	-86.926797	55947.45	56250.1	-0.12	55947.33	55920.67969	55927.06332	55924.15625	505371.9	5409160.0
L5370.0	505371.9	5409158.6	13061.20020	335.58	94.06	48.835380	-86.926797	55949.40	56250.1	-0.12	55949.28	55922.66406	55929.57492	55926.29297	505371.9	5409158.6
L5370.0	505371.9	5409157.1	13061.29981	337.34	94.06	48.835367	-86.926797	55951.42	56250.1	-0.12	55951.30	55924.71094	55934.08022	55930.42578	505371.9	5409157.1
L5370.0	505371.9	5409156.2	13061.40039	336.63	96.49	48.835358	-86.926797	55953.32	56250.1	-0.12	55953.20	55926.63672	55936.38708	55932.35547	505371.9	5409156.2
L5370.0	505371.9	5409154.7	13061.50000	338.25	98.52	48.835345	-86.926797	55955.20	56250.1	-0.13	55955.07	55928.53125	55938.47040	55934.05859	505371.9	5409154.7
L5370.0	505371.9	5409153.2	13061.59961	338.41	98.52	48.835332	-86.926797	55957.06	56250.1	-0.13	55956.94	55930.41797	55940.99129	55936.19922	505371.9	5409153.2
L5370.0	505371.9	5409151.6	13061.70020	339.16	96.62	48.835317	-86.926797	55958.96	56250.1	-0.13	55958.83	55932.32422	55944.38883	55939.21484	505371.9	5409151.6
L5370.0	505371.9	5409150.5	13061.79981	337.68	97.06	48.835307	-86.926797	55960.86	56250.1	-0.13	55960.73	55934.23438	55948.43250	55942.87500	505371.9	5409150.5
L5370.0	505371.9	5409150.5	13061.90039	337.65	97.3	48.835307	-86.926797	55962.63	56250.1	-0.13	55962.50	55936.01172	55950.01214	55944.07031	505371.9	5409150.5
L5370.0	505371.9	5409149.3	13062.00000	337.26	100.7	48.835297	-86.926797	55964.45	56250.1	-0.13	55964.32	55937.83594	55953.10889	55946.78125	505371.9	5409149.3
L5370.0	505371.9	5409147.9	13062.09961	336.09	100.7	48.835284	-86.926797	55966.22	56250.1	-0.13	55966.10	55939.61719	55955.72385	55949.00781	505371.9	5409147.9
L5370.0	505371.9	5409146.7	13062.20020	336.04	96.23	48.835273	-86.926797	55967.96	56250.1	-0.12	55967.84	55941.35547	55957.85542	55950.75391	505371.9	5409146.7
L5370.0	505371.8	5409145.2	13062.29981	336.18	95.64	48.835259	-86.926798	55969.69	56250.1	-0.12	55969.57	55943.07813	55960.15560	55952.66406	505371.8	5409145.2
L5370.0	505371.8	5409144.0	13062.40039	333.43	95.64	48.835249	-86.926798	55971.38	56250.1	-0.12	55971.27	55944.76953	55962.18193	55954.30078	505371.8	5409144.0
L5370.0	505371.8	5409142.1	13062.50000	332.66	95.41	48.835231	-86.926798	55973.05	56250.1	-0.11	55972.94	55946.42578	55963.93235	55955.66406	505371.8	5409142.1
L5370.0	505371.8	5409141.1	13062.50000	332.66	95.41	48.835223	-86.926798	55974.77	56250.1	-0.11	55974.66	55948.12891	55967.11357	55958.45313	505371.8	5409141.1
L5370.0	505371.8	5409140.0	13062.70020	331.03	99.26	48.835212	-86.926798	55976.44	56250.1	-0.11	55976.33	55949.77734	55969.57321	55960.52344	505371.8	5409140.0
L5370.0	505371.8	5409140.0	13062.79981	331.44	99.81	48.835212	-86.926798	55978.01	56250.1	-0.11	55977.91	55951.33203	55970.47409	55961.03516	505371.8	5409140.0
L5370.0	505371.8	5409138.7	13062.90039	330.59	102	48.835201	-86.926798	55979.68	56250.1	-0.10	55979.58	55952.97656	55973.62210	55963.79688	505371.8	5409138.7
L5370.0	505371.8	5409137.3	13063.00000	331.23	103.59	48.835189	-86.926799	55981.27	56250.1	-0.10	55981.17	55954.53516	55975.42264	55965.20703	505371.8	5409137.3
L5370.0	505371.8	5409135.9	13063.09961	330.95	103.59	48.835175	-86.926799	55982.79	56250.1	-0.10	55982.69	55956.01953	55976.09673	55965.49219	505371.8	5409135.9
L5370.0	505371.8	5409134.4	13063.20020	331.37	100.56	48.835163	-86.926799	55984.41	56250.1	-0.10	55984.31	55957.60547	55979.19413	55968.20313	505371.8	5409134.4
L5370.0	505371.7	5409132.7	13063.29981	330.92	100.56	48.835147	-86.926799	55985.95	56250.1	-0.11	55985.85	55959.10547	55980.95190	55969.57422	505371.7	5409132.7
L5370.0	505371.7	5409132.7	13063.40039	331.78	101.66	48.835147	-86.926799	55987.42	56250.1	-0.11	55987.31	55960.51953	55981.37497	55969.60938	505371.7	5409132.7
L5370.0	505371.7	5409131.2	13063.50000	332.66	101.66	48.835134	-86.926799	55988.94	56250.1	-0.11	55988.83	55961.99609	55983.37364	55971.22266	505371.7	5409131.2
L5370.0	505371.7	5409129.8	13063.59961	332.84	103.45	48.835121	-86.926800	55990.38	56250.1	-0.11	55990.27	55963.38672	55984.03444	55971.50000	505371.7	5409129.8
L5370.0	505371.7	5409128.6	13063.70020	332.48	103.95	48.835110	-86.926800	55991.90	56250.1	-0.11	55991.78	55964.84375	55986.47323	55973.55469	505371.7	5409128.6
L5370.0	505371.7	5409127.1	13063.79981	333.63	96.38	48.835097	-86.926800	55993.32	56250.1	-0.12	55993.20	55966.20703	55987.36287	55974.06250	505371.7	5409127.1
L5370.0	505371.7	5409125.7	13063.90039	334.72	96.38	48.835084	-86.926800	55994.78	56250.1	-0.12	55994.66	55967.60938	55989.40460	55975.72266	505371.7	5409125.7
L5370.0	505371.7	5409124.7	13064.00000	335.40	100.45	48.835075	-86.926800	55996.20	56250.1	-0.12	55996.08	55968.96875	55990.93286	55976.87109	505371.7	5409124.7
L5370.0	505371.7	5409124.7	13064.09961	337.73	106.48	48.835075	-86.926800	55997.59	56250.1	-0.12	55997.47	55970.29297	55992.15329	55977.71484	505371.7	5409124.7
L5370.0	505371.7	5409122.7	13064.20020	337.58	106.48	48.835057	-86.926800	55998.93	56250.1	-0.12	55998.80	55971.55859	55992.43827	55977.62109	505371.7	5409122.7
L5370.0	505371.7	5409121.3	13064.29981	337.39	108.06	48.835044	-86.926800	56000.32	56250.1	-0.12	56000.20	55972.88672	55994.49570	55979.30469	505371.7	5409121.3
L5370.0	505371.7	5409121.3	13064.40039	334.58	107.75	48.835044	-86.926800	56001.68	56250.1	-0.12	56001.56	55974.17578	55996.03067	55980.46875	505371.7	5409121.3
L5370.0	505371.7	5409119.8	13064.50000	333.55	108.44	48.835031	-86.926800	56003.03	56250.1	-0.13	56002.90	55975.44141	55997.45756	55981.52344	505371.7	5409119.8
L5370.0	505371.7	5409118.3	13064.50000	333.55	108.44	48.835018	-86.926800	56004.32	56250.1	-0.13	56004.20	55976.66406	55998.35674	55982.05078	505371.7	5409118.3
L5370.0	505371.7	5409116.7	13064.70020	332.06	107.88	48.835003	-86.926800	56005.66	56250.1	-0.13	56005.53	55977.91406	56000.18487	55983.51172	505371.7	5409116.7
L5370.0	505371.7	5409115.2	13064.79981	331.29	111.35	48.834990	-86.926800	56006.92	56250.1	-0.13	56006.79	55979.09375	56000.85405	55983.81641	505371.7	5409115.2
L5370.0	505371.7	5409114.5	13064.90039	332.03	106	48.834983	-86.926800	56008.21	56250.1	-0.13	56008.08	55980.29688	56002.44616	55985.04688	505371.7	5409114.5
L5370.0	505371.7	5409113.0	13065.00000	331.73	106	48.834970	-86.926800	56009.48	56250.1	-0.13	56009.35	55981.48047	56003.91623	55986.15234	505371.7	5409113.0
L5370.0	505371.7	5409111.6	13065.09961	330.59	107.31	48.834957	-86.926800	56010.74	56250.1	-0.13	56010.61	55982.65234	56005.47016	55987.34766	505371.7	5409111.6
L5370.0	505371.7	5409111.6	13065.20020	331.34	107.93	48.834957	-86.926800	56011.95	56250.1	-0.13	56011.83	55983.78125	56006.47914	55988.00000	505371.7	5409111.6
L5370.0	505371.7	5409110.1	13065.29981	332.00	107.93	48.834944	-86.926800	56013.17	56250.1	-0.12	56013.05	55984.90625	56007.77479	55988.94141	505371.7	5409110.1
L5370.0	505371.7	5409108.7	13065.40039	332.77	111.24	48.834931	-86.926800	56014.40	56250.1	-0.12	56014.28	55986.04297	56009.56419	55990.37891	505371.7	5409108.7
L5370.0	505371.7	5409107.1	13065.50000	333.17	110.93	48.834917	-86.926800	56015.55	56250.1	-0.12	56015.43	55987.09375	56009.96087	55990.42188	505371.7	5409107.1
L5370.0	505371.7	5409106.0	13065.59961	336.16	110.93	48.834907	-86.926800	56016.71	56250.1	-0.12	56016.59	55988.15625	56010.84358	55990.95703	505371.7	5409106.0
L5370.0	505371.7	5409104.7	13065.70020	333.68	109.97	48.834895	-86.926800	56017.88	56250.1	-0.12	56017.76	55989.22266	56012.21249	55991.98047	505371.7	5409104.7
L5370.0	505371.7	5409103.4	13065.79981	332.56	109.97	48.834884	-86.926800	56019.01	56250.1	-0.11	56018.90	55990.26172	56013.22487	55992.64844	505371.7	5409103.4
L5370.0	505371.7	5409102.5	13065.90039	331.97	110.25	48.834875	-86.926800	56020.15	56250.1	-0.11	56020.04	55991.29688	56014.50998	55993.59375	505371.7	5409102.5
L5370.0	505371.7	5409101.1	13066.00000	331.02	110.59	48.834862	-86.926800	56021.19	56250.1	-0.11	56021.08	55992.23047	56013.94901	55992.69531	505371.7	5409101.1
L5370.0	505371.7	5409101.1	13066.09961	333.83	110.59	48.834862	-86.926800	56022.38	56250.1	-0.11	56022.27	55993.30859	56016.83388	55995.24219	505371.7	5409101.1
L5370.0	505371.7	5409099.6	13066.20020	336.90	110.59	48.834850	-86.926800	56023.34	56250.1	-0.11	56023.23	55994.16016	56015.10267	55993.17578	505371.7	5409099.6
L5370.0	505371.7	5409098.3	13066.29981	339.00	110.59	48.834838	-86.926800	56024.47	56250.1	-0.11	56024.36	55995.17969	56017.24633	55994.98828	505371.7	5409098.3
L5370.0	505371.7	5409097.0	13066.40039	337.42	110.59	48.834826	-86.926800	56025.52	56250.1	-0.11	56025.40	55996.10547	56017.73755	55995.15234	505371.7	5409097.0
L5370.0	505371.7	5409095.5	13066.50000	334.34	110.59	48.834812	-86.926800	56026.58	56250.1	-0.12	56026.46	55997.05078	56018.91324	55996.00000	505371.7	5409095.5
L5370.0	505371.7	5409094.0	13066.50000	334.34	110.59	48.834799	-86.926800	56027.59	56250.1	-0.12	56027.47	55997.94531	56019.28072	55996.04297	505371.7	5409094.0
L5370.0	505371.7	5409094.0	13066.70020	335.18	110.59	48.834799	-86.926800	56028.63	56250.1	-0.12	56028.51	55998.86719	56020.53786	55996.98047	505371.7	5409094.0
L5370.0	505371.7	5409091.3	13066.79981	335.12	110.59	48.834774	-86.926800	56029.59	56250.1	-0.12	56029.47	55999.70703	56020.34614	55996.46875	505371.7	5409091.3

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5370.0	505371.7	5409091.3	13066.90039	332.93	110.59	48.834774	-86.926800	56030.62	56250.1	-0.12	56030.50	56000.61719	56021.88098	55997.68750	505371.7	5409091.3
L5370.0	505371.7	5409090.3	13067.00000	332.21	110.59	48.834765	-86.926800	56031.58	56250.1	-0.12	56031.46	56001.45703	56022.17473	55997.66797	505371.7	5409090.3
L5370.0	505371.7	5409088.4	13067.09961	330.78	110.59	48.834749	-86.926800	56032.55	56250.1	-0.12	56032.43	56002.30469	56022.91284	55998.09766	505371.7	5409088.4
L5370.0	505371.7	5409087.5	13067.20020	331.08	110.59	48.834741	-86.926800	56033.53	56250.1	-0.12	56033.41	56003.16016	56024.08551	55998.96094	505371.7	5409087.5
L5370.0	505371.7	5409086.1	13067.29981	333.48	110.59	48.834728	-86.926800	56034.52	56250.1	-0.12	56034.40	56004.02734	56025.68224	56000.25000	505371.7	5409086.1
L5370.0	505371.7	5409084.9	13067.40039	333.81	110.59	48.834717	-86.926800	56035.40	56250.1	-0.12	56035.28	56004.78125	56025.20693	55999.47266	505371.7	5409084.9
L5370.0	505371.7	5409083.7	13067.50000	332.98	110.59	48.834706	-86.926800	56036.39	56250.1	-0.12	56036.27	56005.64453	56027.21794	56001.18359	505371.7	5409083.7
L5370.0	505371.7	5409082.4	13067.59961	331.47	110.59	48.834694	-86.926800	56037.35	56250.1	-0.12	56037.23	56006.47656	56028.80393	56002.47266	505371.7	5409082.4
L5370.0	505371.7	5409082.4	13067.70020	331.00	110.59	48.834694	-86.926800	56038.23	56250.1	-0.12	56038.11	56007.23047	56028.94107	56002.31250	505371.7	5409082.4
L5370.0	505371.7	5409081.0	13067.79981	329.30	110.59	48.834681	-86.926800	56039.18	56250.1	-0.12	56039.06	56008.05078	56030.70116	56003.78125	505371.7	5409081.0
L5370.0	505371.7	5409079.6	13067.90039	328.86	110.59	48.834669	-86.926800	56040.04	56250.1	-0.12	56039.92	56008.78125	56030.80756	56003.59766	505371.7	5409079.6
L5370.0	505371.8	5409078.4	13068.00000	329.36	110.59	48.834658	-86.926800	56040.99	56250.1	-0.12	56040.87	56009.60156	56032.92712	56005.42969	505371.8	5409078.4
L5370.0	505371.8	5409076.9	13068.09961	330.47	110.59	48.834645	-86.926800	56041.86	56250.1	-0.12	56041.74	56010.33984	56033.59540	56005.81250	505371.8	5409076.9
L5370.0	505371.8	5409076.9	13068.20020	331.69	120.29	48.834645	-86.926800	56042.74	56250.1	-0.12	56042.62	56011.08984	56034.64049	56006.57422	505371.8	5409076.9
L5370.0	505371.8	5409075.5	13068.29981	332.54	130	48.834632	-86.926800	56043.59	56250.1	-0.12	56043.47	56011.80859	56035.24745	56006.90234	505371.8	5409075.5
L5370.0	505371.8	5409074.1	13068.40039	331.68	130	48.834619	-86.926799	56044.48	56250.1	-0.12	56044.36	56012.56641	56036.83243	56008.21094	505371.8	5409074.1
L5370.0	505371.8	5409072.6	13068.50000	330.76	130	48.834607	-86.926799	56045.29	56250.1	-0.12	56045.17	56013.24219	56036.96137	56008.06250	505371.8	5409072.6
L5370.0	505371.8	5409071.5	13068.50000	330.76	130	48.834596	-86.926799	56046.16	56250.1	-0.12	56046.04	56013.98047	56038.46863	56009.30078	505371.8	5409071.5
L5370.0	505371.8	5409070.1	13068.70020	332.58	130	48.834584	-86.926799	56047.04	56250.1	-0.12	56046.92	56014.72656	56040.33908	56010.89844	505371.8	5409070.1
L5370.0	505371.8	5409068.7	13068.79981	332.64	130	48.834571	-86.926799	56047.83	56250.1	-0.12	56047.71	56015.38281	56040.54371	56010.83984	505371.8	5409068.7
L5370.0	505371.8	5409068.7	13068.90039	334.33	130	48.834571	-86.926799	56048.66	56250.1	-0.12	56048.54	56016.07813	56041.71484	56011.74609	505371.8	5409068.7
L5370.0	505371.8	5409067.2	13069.00000	330.69	130	48.834558	-86.926799	56049.48	56250.1	-0.12	56049.36	56016.76563	56042.83700	56012.60547	505371.8	5409067.2
L5370.0	505371.8	5409065.6	13069.09961	331.79	130	48.834543	-86.926799	56050.28	56250.1	-0.12	56050.16	56017.42969	56043.70536	56013.21484	505371.8	5409065.6
L5370.0	505371.8	5409063.9	13069.20020	333.12	130	48.834528	-86.926799	56051.11	56250.1	-0.12	56051.00	56018.13672	56045.53259	56014.78516	505371.8	5409063.9
L5370.0	505371.8	5409063.9	13069.29981	332.40	130	48.834528	-86.926799	56051.90	56250.1	-0.11	56051.78	56018.78125	56046.29213	56015.29297	505371.8	5409063.9
L5370.0	505371.8	5409061.5	13069.40039	331.72	130	48.834507	-86.926799	56052.65	56250.1	-0.11	56052.54	56019.40625	56046.79339	56015.54297	505371.8	5409061.5
L5370.0	505371.8	5409061.5	13069.50000	332.61	130	48.834507	-86.926799	56053.46	56250.1	-0.11	56053.35	56020.08203	56048.44529	56016.94531	505371.8	5409061.5
L5370.0	505371.8	5409060.1	13069.59961	332.73	130	48.834494	-86.926799	56054.22	56250.1	-0.11	56054.11	56020.71094	56049.22985	56017.48438	505371.8	5409060.1
L5370.0	505371.8	5409058.5	13069.70020	331.68	130	48.834480	-86.926799	56054.98	56250.1	-0.11	56054.87	56021.33594	56050.15247	56018.16406	505371.8	5409058.5
L5370.0	505371.8	5409057.0	13069.79981	331.55	130	48.834466	-86.926799	56055.67	56250.1	-0.10	56055.56	56021.89063	56049.81697	56017.58594	505371.8	5409057.0
L5370.0	505371.8	5409057.0	13069.90039	333.00	130	48.834466	-86.926799	56056.42	56250.1	-0.10	56056.32	56022.51563	56051.01177	56018.54297	505371.8	5409057.0
L5370.0	505371.8	5409055.4	13070.00000	331.16	130	48.834452	-86.926799	56057.16	56250.1	-0.10	56057.06	56023.12500	56051.93933	56019.23438	505371.8	5409055.4
L5370.0	505371.8	5409054.1	13070.09961	328.91	130	48.834440	-86.926799	56057.92	56250.1	-0.10	56057.82	56023.75000	56053.38413	56020.44531	505371.8	5409054.1
L5370.0	505371.8	5409052.6	13070.20020	326.82	130	48.834426	-86.926799	56058.62	56250.1	-0.10	56058.52	56024.31641	56053.77907	56020.60938	505371.8	5409052.6
L5370.0	505371.8	5409052.6	13070.29981	328.05	130	48.834426	-86.926799	56059.34	56250.1	-0.10	56059.24	56024.90234	56054.68683	56021.28906	505371.8	5409052.6
L5370.0	505371.8	5409051.1	13070.40039	329.88	130	48.834413	-86.926799	56059.96	56250.1	-0.10	56059.86	56025.39063	56053.79286	56020.17188	505371.8	5409051.1
L5370.0	505371.8	5409049.8	13070.50000	331.09	130	48.834401	-86.926799	56060.77	56250.1	-0.10	56060.66	56026.05859	56056.46809	56022.62500	505371.8	5409049.8
L5370.0	505371.8	5409048.4	13070.50000	331.09	130	48.834388	-86.926799	56061.38	56250.1	-0.10	56061.28	56026.54688	56055.82023	56021.75391	505371.8	5409048.4
L5370.0	505371.8	5409046.5	13070.70020	330.60	130	48.834371	-86.926799	56062.06	56250.1	-0.11	56061.96	56027.09766	56056.42999	56022.14844	505371.8	5409046.5
L5370.0	505371.8	5409046.5	13070.79981	330.15	130	48.834371	-86.926799	56062.75	56250.1	-0.11	56062.64	56027.64453	56057.14894	56022.64844	505371.8	5409046.5
L5370.0	505371.8	5409045.3	13070.90039	328.92	130	48.834361	-86.926800	56063.43	56250.1	-0.11	56063.32	56028.19531	56057.97436	56023.26172	505371.8	5409045.3
L5370.0	505371.8	5409043.9	13071.00000	327.99	130	48.834348	-86.926800	56064.06	56250.1	-0.11	56063.95	56028.69531	56057.96534	56023.04297	505371.8	5409043.9
L5370.0	505371.8	5409042.5	13071.09961	327.74	130	48.834335	-86.926800	56064.77	56250.1	-0.11	56064.66	56029.27734	56059.56415	56024.43359	505371.8	5409042.5
L5370.0	505371.8	5409042.5	13071.20020	327.44	130	48.834335	-86.926800	56065.43	56250.1	-0.11	56065.32	56029.80859	56060.32785	56024.99219	505371.8	5409042.5
L5370.0	505371.8	5409039.1	13071.29981	327.10	130	48.834305	-86.926800	56066.04	56250.1	-0.11	56065.93	56030.28906	56060.24822	56024.71094	505371.8	5409039.1
L5370.0	505371.8	5409039.1	13071.40039	327.24	130	48.834305	-86.926800	56066.72	56250.1	-0.11	56066.61	56030.83984	56061.59893	56025.85938	505371.8	5409039.1
L5370.0	505371.8	5409037.7	13071.50000	327.38	130	48.834292	-86.926800	56067.30	56250.1	-0.11	56067.19	56031.29297	56061.13822	56025.20313	505371.8	5409037.7
L5370.0	505371.8	5409036.2	13071.59961	327.37	130	48.834279	-86.926800	56067.98	56250.1	-0.11	56067.87	56031.84766	56062.70728	56026.57422	505371.8	5409036.2
L5370.0	505371.8	5409036.2	13071.70020	329.53	130	48.834279	-86.926800	56068.54	56250.1	-0.11	56068.43	56032.28125	56062.03507	56025.71094	505371.8	5409036.2
L5370.0	505371.8	5409034.6	13071.79981	330.66	130	48.834264	-86.926800	56069.18	56250.1	-0.11	56069.07	56032.79688	56063.03792	56026.52344	505371.8	5409034.6
L5370.0	505371.8	5409033.1	13071.90039	330.74	130	48.834251	-86.926800	56069.73	56250.1	-0.11	56069.62	56033.22266	56062.32851	56025.62500	505371.8	5409033.1
L5370.0	505371.8	5409031.7	13072.00000	330.83	130	48.834238	-86.926800	56070.36	56250.1	-0.11	56070.25	56033.73047	56063.35932	56026.47266	505371.8	5409031.7
L5370.0	505371.8	5409030.3	13072.09961	331.27	130	48.834226	-86.926799	56070.96	56250.1	-0.11	56070.85	56034.20703	56063.89915	56026.82813	505371.8	5409030.3
L5370.0	505371.8	5409030.3	13072.20020	332.36	130	48.834226	-86.926799	56071.60	56250.1	-0.12	56071.49	56034.72656	56065.43725	56028.18750	505371.8	5409030.3
L5370.0	505371.8	5409028.6	13072.29981	333.25	130	48.834211	-86.926799	56072.16	56250.1	-0.12	56072.04	56035.15234	56065.17114	56027.74219	505371.8	5409028.6
L5370.0	505371.8	5409026.7	13072.40039	334.92	130	48.834194	-86.926799	56072.72	56250.1	-0.12	56072.60	56035.59375	56065.24435	56027.64063	505371.8	5409026.7
L5370.0	505371.8	5409026.7	13072.50000	337.24	130	48.834194	-86.926799	56073.32	56250.1	-0.13	56073.20	56036.07422	56066.35788	56028.58203	505371.8	5409026.7
L5370.0	505371.8	5409025.1	13072.50000	337.24	130	48.834179	-86.926799	56073.85	56250.1	-0.13	56073.73	56036.48438	56066.02977	56028.08203	505371.8	5409025.1
L5370.0	505371.8	5409023.6	13072.70020	337.98	130	48.834165	-86.926799	56074.43	56250.1	-0.13	56074.30	56036.93750	56066.76511	56028.65234	505371.8	5409023.6
L5370.0	505371.8	5409022.0	13072.79981	340.86	130	48.834151	-86.926799	56074.96	56250.1	-0.13	56074.83	56037.35156	56066.75064	56028.47266	505371.8	5409022.0
L5370.0	505371.8	5409022.0	13072.90039	341.58	130	48.834151	-86.926799	56075.54	56250.1	-0.14	56075.41	56037.81641	56068.10058	56029.66016	505371.8	5409022.0
L5370.0	505371.8	5409020.1	13073.00000	344.84	130	48.834134	-86.926799	56076.06	56250.1	-0.14	56075.92	56038.21094	56067.95354	56029.35156	505371.8	5409020.1
L5370.0	505371.8	5409018.7	13073.09961	345.56	130	48.834121	-86.926799	56076.58	56250.1	-0.14	56076.45	56038.62500	56068.41621	56029.65625	505371.8	5409018.7
L5370.0	505371.8	5409018.7	13073.20020	347.18	130	48.834121	-86.926799	56077.12	56250.1	-0.13	56076.99	56039.05078	56069.25433	56030.33984	505371.8	5409018.7
L5370.0	505371.8	5409017.5	13073.29981	344.83	130	48.834110	-86.926799	56077.65	56250.1	-0.13	56077.52	56039.46875	56069.99948	56030.93359	505371.8	5409017.5
L5370.0	505371.9	5409016.0	13073.40039	341.41	130	48.834097	-86.926799	56078.12	56250.1	-0.12	56078.00	56039.83984	56069.71504	56030.49609	505371.9	5409016.0
L5370.0	505371.9	5409014.4	13073.50000	337.80	130	48.834083	-86.926799	56078.71	56250.1	-0.12	56078.59	56040.31641	56072.14617	56032.78125	505371.9	5409014.4
L5370.0	505371.9	5409013.2	13073.59961	337.08	130	48.834072	-86.926799	56079.16	56250.1	-0.12	56079.04	56040.66016	56071.44022	56031.92969	505371.9	5409013.2
L5370.0	505371.9	5409011.8	13073.70020	336.22	130	48.834059	-86.926799	56079.70	56250.1	-0.11	56079.58	56041.08984	56072.98090	56033.32813	505371.9	5409011.8
L5370.0	505371.9	5409011.8	13073.79981	336.11	130	48.834059	-86.926799	56080.13	56250.1	-0.11	56080.02	56041.42188	56072.34151	56032.55078	505371.9	5409011.8
L5370.0	505371.9	5409009.9	13073.90039	335.76	130	48.834042	-86.926799	56080.66	56250.1	-0.10	56080.56	56041.85547	56074.21756	56034.28906	505371.9	5409009.9
L5370.0	505371.9	5409008.4	13074.00000	334.70	130	48.834029	-86.926799	56081.12	56250.1	-0.10	56081.02	56042.21094	56074.37829	56034.31250	505371.9	5409008.4
L5370.0	505371.9	5409007.0	13074.09961	333.83	130	48.834016	-86.926799	56081.59	56250.1	-0.10	56081.48	56042.56641	56074.68672	56034.48828	505371.9	5409007.0
L5370.0	505371.9	5409007.0	13074.20020	333.32	130	48.834016	-86.926799	56082.07	56250.1	-0.10	56081.97	56042.94922	56075.80786	56035.48047	505371.9	5409007.0
L5370.0	505371.9	5409005.3	13074.29981	330.96	130	48.834001	-86.926799	56082.58	56250.1	-0.11	56082.47	56043.34766	56077.26683	56036.81250	505371.9	5409005.3
L5370.0	505371.9	5409003.4	13074.40039	332.70	109.04	48.833984	-86.926799	56082.96	56250.1	-0.11	56082.85	56043.62500	56076.21309	56035.63281	505371.9	5409003.4
L5370.0	505371.9	5409003.4	13074.50000	337.57	112.08	48.833984	-86.926799	56083.46	56250.1	-0.11	56083.35	56044.02734	56077.90398	56037.20313	505371.9	5409003.4
L5370.0	505371.9	5409001.8	13074.50000	337.57	112.08	48.833969	-86.926799	56083.90	56250.1	-0.11	56083.79	56044.36719	56078.40814	56037.58594	505371.9	5409001.8
L5370.0	505371.9	5409000.3	13074.70020	337.66	111.73	48.833956	-86.926799	56084.34	56250.1	-0.11	56084.23	56044.70703	56079.02601	56038.08594	505371.9	5409000.3
L5370.0	505371.9	5408998.9	13074.79981	336.02	111.73	48.833943	-86.926799	56084.76	56250.1	-0.12	56084.64	56045.01953	56079.12779	56038.07422	505371.9	5408998.9
L5370.0	505371.9	5408998.9	13074.90039	335.22	109.54	48.833943	-86.926799	56085.28	56250.1	-0.12	56085.16	56045.44141	56081.61037	56040.44531	505371.9	5408998.9
L5370.0	505371.9	5408997.1	13075.00000	334.34	109.54	48.833927	-86.926799	56085.64	56250.1	-0.12	56085.52	56045.70703	56080.90287	56039.62500	505371.9	5408997.1
L5370.0	505371.9	5408995.7	13075.09961	333.50	109.64	48.833915	-86.926799	56086.07	56250.1	-0.12	56085.95	56046.04297	56081.74007	56040.35547	505371.9	5408995.7
L5370.0	505371.9	5408994.3	13075.20020	329.35	109.64	48.833901	-86.926799	56086.45	56250.1	-0.12	56086.33	56046.32813	56081.67642	56040.18750	505371.9	5408994.3
L5370.0	505371.9	5408994.3	13075.29981	329.21	107.33	48.833901	-86.926799	56086.90	56250.1	-0.12	56086.78	56046.68750	56083.11923	56041.52734	505371.9	5408994.3
L5370.0	505371.9	5408992.8	13075.40039	328.95	107.16	48.833888	-86.926799	56087.29	56250.1	-0.12	56087.17	56046.98438	56083.46645	56041.77734	505371.9	5408992.8
L5370.0	505371.9	5408991.3	13075.50000	330.20	107.16	48.833875	-86.926799	56087.66	56250.1	-0.12	56087.54	56047.26172	56083.52532	56041.73828	505371.9	5408991.3
L5370.0	505371.8	5408989.9	13075.59961	329.56	107.41	48.833862	-86.926800	56087.98	56250.1	-0.11	56087.87	56047.50391	56082.91144	56041.02734	505371.8	5408989.9
L5370.0	505371.8	5408988.7	13075.70020	330.00	107.41	48.833851	-86.926800	56088.42	56250.1	-0.11	56088.30	56047.84375	56084.34120	56042.36719	505371.8	5408988.7
L5370.0	505371.8	5408987.2	13075.79981	329.02	108.21	48.833838	-86.926800	56088.75	56250.1	-0.11	56088.64	56048.09766	56084.12566	56042.06250	505371.8	5408987.2
L5370.0	505371.8	5408987.2	13075.90039	328.18	106	48.833838	-86.926800	56089.18	56250.1	-0.11	56089.07	56048.44141	56085.73224	56043.58203	505371.8	5408987.2
L5370.0	505371.8	5408985.8	13076.00000	328.56	105.93	48.833826	-86.926800	56089.56	56250.1	-0.11	56089.45	56048.73438	56086.46920	56044.23438	505371.8	5408985.8
L5370.0	505371.8	5408983.7	13076.09961	327.93	105.93	48.833806	-86.926801	56089.86	56250.1	-0.11	56089.75	56048.94922	56085.77609	56043.45703	505371.8	5408983.7

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5370.0	505371.8	5408983.0	13076.20020	327.96	105.93	48.833800	-86.926801	56090.27	56250.1	-0.11	56090.16	56049.27734	56087.26415	56044.86719	505371.8	5408983.0
L5370.0	505371.8	5408981.6	13076.29981	327.89	104.64	48.833788	-86.926801	56090.62	56250.1	-0.11	56090.51	56049.54297	56087.70215	56045.22656	505371.8	5408981.6
L5370.0	505371.8	5408981.6	13076.40039	325.39	103.45	48.833788	-86.926801	56090.90	56250.1	-0.11	56090.78	56049.73438	56086.71063	56044.16016	505371.8	5408981.6
L5370.0	505371.7	5408980.2	13076.50000	325.44	104.58	48.833775	-86.926801	56091.25	56250.1	-0.11	56091.14	56050.01172	56087.51381	56044.89063	505371.7	5408980.2
L5370.0	505371.7	5408978.8	13076.50000	325.44	104.58	48.833762	-86.926802	56091.54	56250.1	-0.11	56091.42	56050.21094	56086.87923	56044.18750	505371.7	5408978.8
L5370.0	505371.7	5408977.4	13076.70020	326.48	107.67	48.833750	-86.926802	56091.89	56250.1	-0.12	56091.77	56050.48438	56087.66548	56044.90625	505371.7	5408977.4
L5370.0	505371.7	5408976.4	13076.79981	326.06	109.98	48.833741	-86.926802	56092.20	56250.1	-0.12	56092.08	56050.71484	56087.77160	56044.94531	505371.7	5408976.4
L5370.0	505371.7	5408974.8	13076.90039	328.15	109.98	48.833726	-86.926802	56092.56	56250.1	-0.12	56092.44	56051.00000	56088.93396	56046.04688	505371.7	5408974.8
L5370.0	505371.7	5408974.8	13077.00000	331.62	109.67	48.833726	-86.926802	56092.80	56250.1	-0.12	56092.68	56051.16406	56087.84879	56044.90234	505371.7	5408974.8
L5370.0	505371.6	5408973.4	13077.09961	334.32	108.62	48.833714	-86.926803	56093.18	56250.1	-0.12	56093.06	56051.46875	56089.59265	56046.58594	505371.6	5408973.4
L5370.0	505371.6	5408971.8	13077.20020	335.99	110.52	48.833699	-86.926803	56093.38	56250.1	-0.12	56093.26	56051.59766	56087.87201	56044.81250	505371.6	5408971.8
L5370.0	505371.6	5408970.9	13077.29981	333.40	110.52	48.833691	-86.926803	56093.73	56250.1	-0.12	56093.61	56051.87109	56089.21491	56046.10156	505371.6	5408970.9
L5370.0	505371.6	5408969.2	13077.40039	329.27	110.31	48.833676	-86.926804	56093.96	56250.1	-0.12	56093.84	56052.03125	56088.24351	56045.07813	505371.6	5408969.2
L5370.0	505371.6	5408968.1	13077.50000	332.88	109.86	48.833666	-86.926804	56094.29	56250.1	-0.12	56094.17	56052.28906	56089.37863	56046.16797	505371.6	5408968.1
L5370.0	505371.6	5408968.1	13077.59961	336.90	110.03	48.833666	-86.926804	56094.57	56250.1	-0.11	56094.45	56052.50000	56089.59465	56046.33594	505371.6	5408968.1
L5370.0	505371.5	5408966.4	13077.70020	335.14	110.03	48.833651	-86.926804	56094.82	56250.1	-0.11	56094.71	56052.69141	56089.49042	56046.19141	505371.5	5408966.4
L5370.0	505371.5	5408965.1	13077.79981	333.36	110.09	48.833639	-86.926804	56095.09	56250.1	-0.11	56094.98	56052.89453	56089.68233	56046.33984	505371.5	5408965.1
L5370.0	505371.5	5408963.9	13077.90039	335.17	110.19	48.833629	-86.926805	56095.33	56250.1	-0.11	56095.22	56053.06641	56089.34177	56045.96094	505371.5	5408963.9
L5370.0	505371.5	5408962.8	13078.00000	333.94	110.19	48.833619	-86.926805	56095.56	56250.1	-0.11	56095.45	56053.23047	56088.88001	56045.46484	505371.5	5408962.8
L5370.0	505371.5	5408961.7	13078.09961	334.70	110.21	48.833608	-86.926805	56095.81	56250.1	-0.11	56095.69	56053.40625	56088.71677	56045.26953	505371.5	5408961.7
L5370.0	505371.5	5408960.3	13078.20020	333.77	110.21	48.833596	-86.926805	56096.04	56250.1	-0.11	56095.93	56053.57813	56088.64488	56045.16406	505371.5	5408960.3
L5370.0	505371.5	5408958.7	13078.29981	334.15	110.21	48.833582	-86.926805	56096.28	56250.1	-0.11	56096.17	56053.75781	56088.66500	56045.15625	505371.5	5408958.7
L5370.0	505371.5	5408958.7	13078.40039	332.23	110.21	48.833582	-86.926805	56096.48	56250.1	-0.11	56096.37	56053.89453	56087.92957	56044.39453	505371.5	5408958.7
L5370.0	505371.5	5408957.8	13078.50000	333.88	110.21	48.833574	-86.926805	56096.77	56250.1	-0.12	56096.65	56054.11328	56088.97860	56045.41797	505371.5	5408957.8
L5370.0	505371.5	5408956.7	13078.50000	333.88	110.21	48.833563	-86.926805	56096.97	56250.1	-0.12	56096.85	56054.25000	56088.42150	56044.83984	505371.5	5408956.7
L5370.0	505371.5	5408955.1	13078.70020	337.13	110.21	48.833549	-86.926805	56097.22	56250.1	-0.12	56097.11	56054.45313	56089.22466	56045.62500	505371.5	5408955.1
L5370.0	505371.5	5408953.4	13078.79981	335.52	110.21	48.833534	-86.926805	56097.40	56250.1	-0.12	56097.28	56054.56250	56088.20379	56044.58594	505371.5	5408953.4
L5370.0	505371.5	5408952.0	13078.90039	334.83	110.21	48.833522	-86.926805	56097.63	56250.1	-0.12	56097.51	56054.73438	56088.53945	56044.90625	505371.5	5408952.0
L5370.0	505371.5	5408952.0	13079.00000	334.11	110.21	48.833522	-86.926805	56097.86	56250.1	-0.12	56097.74	56054.90625	56088.95628	56045.30859	505371.5	5408952.0
L5370.0	505371.5	5408950.9	13079.09961	335.83	110.21	48.833511	-86.926805	56098.08	56250.1	-0.12	56097.96	56055.07031	56089.23959	56045.58203	505371.5	5408950.9
L5370.0	505371.5	5408949.7	13079.20020	334.19	110.21	48.833501	-86.926805	56098.29	56250.1	-0.11	56098.17	56055.22266	56089.38780	56045.72266	505371.5	5408949.7
L5370.0	505371.5	5408948.5	13079.29981	331.39	110.21	48.833490	-86.926805	56098.46	56250.1	-0.11	56098.36	56055.35938	56089.18590	56045.51563	505371.5	5408948.5
L5370.0	505371.5	5408947.4	13079.40039	330.63	110.21	48.833480	-86.926805	56098.69	56250.1	-0.10	56098.58	56055.52734	56089.69840	56046.02344	505371.5	5408947.4
L5370.0	505371.5	5408946.0	13079.50000	329.57	110.21	48.833467	-86.926805	56098.90	56250.1	-0.10	56098.80	56055.69141	56090.28711	56046.60938	505371.5	5408946.0
L5370.0	505371.5	5408944.8	13079.59961	330.10	110.21	48.833457	-86.926804	56099.07	56250.1	-0.10	56098.97	56055.80859	56089.87697	56046.19922	505371.5	5408944.8
L5370.0	505371.5	5408943.7	13079.70020	334.03	110.21	48.833446	-86.926804	56099.22	56250.1	-0.09	56099.13	56055.91797	56089.32031	56045.64453	505371.5	5408943.7
L5370.0	505371.6	5408942.5	13079.79981	336.13	110.21	48.833436	-86.926804	56099.42	56250.1	-0.09	56099.33	56056.06641	56089.69964	56046.02734	505371.6	5408942.5
L5370.0	505371.6	5408941.1	13079.90039	334.09	110.21	48.833423	-86.926804	56099.60	56250.1	-0.08	56099.52	56056.20703	56089.93785	56046.27344	505371.6	5408941.1
L5370.0	505371.6	5408941.1	13080.00000	332.74	110.21	48.833423	-86.926804	56099.84	56250.1	-0.08	56099.76	56056.39844	56091.34822	56047.69141	505371.6	5408941.1
L5370.0	505371.6	5408939.4	13080.09961	331.56	120.1	48.833408	-86.926804	56100.01	56250.1	-0.08	56099.93	56056.51953	56091.30569	56047.66016	505371.6	5408939.4
L5370.0	505371.6	5408938.0	13080.20020	329.45	130	48.833395	-86.926804	56100.16	56250.1	-0.08	56100.08	56056.62109	56090.89502	56047.26563	505371.6	5408938.0
L5370.0	505371.6	5408936.8	13080.29981	330.09	130	48.833385	-86.926804	56100.43	56250.1	-0.08	56100.34	56056.83594	56093.00421	56049.38672	505371.6	5408936.8
L5370.0	505371.6	5408935.4	13080.40039	333.13	130	48.833372	-86.926804	56100.54	56250.1	-0.08	56100.45	56056.89844	56091.85445	56048.25391	505371.6	5408935.4
L5370.0	505371.6	5408934.0	13080.50000	338.37	130	48.833359	-86.926804	56100.77	56250.1	-0.08	56100.68	56057.08594	56093.46697	56049.88672	505371.6	5408934.0
L5370.0	505371.6	5408934.0	13080.50000	338.37	130	48.833359	-86.926804	56100.82	56250.1	-0.08	56100.74	56057.10156	56091.33084	56047.77344	505371.6	5408934.0
L5370.0	505371.6	5408932.6	13080.70020	341.54	130	48.833346	-86.926804	56100.98	56250.1	-0.09	56100.90	56057.21875	56091.52052	56047.98438	505371.6	5408932.6
L5370.0	505371.6	5408931.1	13080.79981	342.35	130	48.833334	-86.926804	56101.15	56250.1	-0.09	56101.06	56057.33594	56091.78886	56048.27734	505371.6	5408931.1
L5370.0	505371.6	5408929.4	13080.90039	343.67	130	48.833318	-86.926804	56101.27	56250.1	-0.09	56101.18	56057.41016	56091.22231	56047.73828	505371.6	5408929.4
L5370.0	505371.6	5408929.4	13081.00000	343.90	130	48.833318	-86.926804	56101.39	56250.1	-0.09	56101.31	56057.50000	56090.95875	56047.50391	505371.6	5408929.4
L5370.0	505371.6	5408927.1	13081.09961	340.37	130	48.833297	-86.926804	56101.50	56250.1	-0.09	56101.41	56057.55859	56090.08264	56046.66016	505371.6	5408927.1
L5370.0	505371.6	5408925.7	13081.20020	337.33	130	48.833284	-86.926804	56101.65	56250.1	-0.10	56101.55	56057.66016	56090.20074	56046.80859	505371.6	5408925.7
L5370.0	505371.6	5408925.2	13081.29981	337.99	130	48.833280	-86.926804	56101.80	56250.1	-0.10	56101.70	56057.76953	56090.62681	56047.26953	505371.6	5408925.2
L5370.0	505371.6	5408923.5	13081.40039	334.21	130	48.833265	-86.926804	56102.01	56250.1	-0.10	56101.91	56057.94141	56092.51097	56049.19141	505371.6	5408923.5
L5370.0	505371.6	5408922.4	13081.50000	332.26	130	48.833255	-86.926804	56102.18	56250.1	-0.10	56102.08	56058.07422	56093.54887	56050.26563	505371.6	5408922.4
L5370.0	505371.6	5408922.4	13081.59961	336.85	130	48.833255	-86.926804	56102.20	56250.1	-0.11	56102.10	56058.05859	56091.20892	56047.96484	505371.6	5408922.4
L5370.0	505371.6	5408920.7	13081.70020	335.70	130	48.833240	-86.926804	56102.28	56250.1	-0.11	56102.17	56058.09375	56090.09661	56046.89453	505371.6	5408920.7
L5370.0	505371.6	5408919.3	13081.79981	333.51	130	48.833228	-86.926804	56102.43	56250.1	-0.11	56102.32	56058.20703	56090.89457	56047.73438	505371.6	5408919.3
L5370.0	505371.6	5408917.7	13081.90039	336.64	130	48.833213	-86.926804	56102.54	56250.1	-0.12	56102.43	56058.28125	56090.84629	56047.73438	505371.6	5408917.7
L5370.0	505371.6	5408917.7	13082.00000	337.24	130	48.833213	-86.926804	56102.66	56250.1	-0.12	56102.54	56058.35938	56090.86877	56047.80078	505371.6	5408917.7
L5370.0	505371.6	5408915.3	13082.09961	336.88	130	48.833192	-86.926804	56102.84	56250.1	-0.12	56102.72	56058.50391	56092.54863	56049.53125	505371.6	5408915.3
L5370.0	505371.6	5408915.3	13082.20020	337.65	130	48.833192	-86.926804	56102.96	56250.1	-0.12	56102.84	56058.59375	56092.92759	56049.95703	505371.6	5408915.3
L5370.0	505371.6	5408913.0	13082.29981	338.20	130	48.833171	-86.926804	56103.04	56250.1	-0.12	56102.92	56058.64063	56092.47139	56049.55469	505371.6	5408913.0
L5370.0	505371.6	5408913.0	13082.40039	335.26	130	48.833171	-86.926804	56103.11	56250.1	-0.12	56102.99	56058.67969	56091.86340	56049.00000	505371.6	5408913.0
L5370.0	505371.6	5408911.6	13082.50000	337.06	130	48.833158	-86.926804	56103.14	56250.1	-0.12	56103.02	56058.67969	56090.44103	56047.62891	505371.6	5408911.6
L5370.0	505371.6	5408910.7	13082.50000	337.06	130	48.833150	-86.926804	56103.24	56250.1	-0.12	56103.12	56058.75000	56090.64991	56047.89453	505371.6	5408910.7
L5370.0	505371.6	5408909.1	13082.70020	334.97	130	48.833135	-86.926804	56103.32	56250.1	-0.12	56103.20	56058.80078	56090.48663	56047.78906	505371.6	5408909.1
L5370.0	505371.6	5408908.3	13082.79981	335.54	130	48.833129	-86.926804	56103.42	56250.1	-0.12	56103.30	56058.87500	56090.82927	56048.19141	505371.6	5408908.3
L5370.0	505371.6	5408906.7	13082.90039	333.57	130	48.833114	-86.926803	56103.45	56250.1	-0.12	56103.32	56058.86719	56089.51598	56046.93750	505371.6	5408906.7
L5370.0	505371.6	5408905.3	13083.00000	331.34	130	48.833101	-86.926803	56103.63	56250.1	-0.12	56103.50	56059.01953	56091.69827	56049.18359	505371.6	5408905.3
L5370.0	505371.6	5408905.3	13083.09961	332.57	130	48.833101	-86.926803	56103.72	56250.1	-0.12	56103.60	56059.09375	56092.21553	56049.76172	505371.6	5408905.3
L5370.0	505371.7	5408902.7	13083.20020	333.99	130	48.833078	-86.926803	56103.73	56250.1	-0.12	56103.61	56059.07813	56090.91377	56048.52734	505371.7	5408902.7
L5370.0	505371.7	5408902.7	13083.29981	335.15	130	48.833078	-86.926803	56103.88	56250.1	-0.11	56103.76	56059.20313	56092.57247	56050.25000	505371.7	5408902.7
L5370.0	505371.7	5408901.5	13083.40039	336.74	130	48.833067	-86.926803	56104.00	56250.1	-0.11	56103.88	56059.30078	56093.63757	56051.38281	505371.7	5408901.5
L5370.0	505371.7	5408900.1	13083.50000	339.34	130	48.833054	-86.926803	56104.11	56250.1	-0.11	56104.00	56059.39844	56094.72688	56052.53906	505371.7	5408900.1
L5370.0	505371.7	5408898.7	13083.59961	338.39	130	48.833042	-86.926803	56104.15	56250.1	-0.11	56104.04	56059.41797	56094.26011	56052.14453	505371.7	5408898.7
L5370.0	505371.7	5408897.0	13083.70020	335.42	130	48.833027	-86.926803	56104.21	56250.1	-0.11	56104.10	56059.45313	56094.23995	56052.19531	505371.7	5408897.0
L5370.0	505371.7	5408895.8	13083.79981	332.62	130	48.833016	-86.926803	56104.25	56250.1	-0.10	56104.15	56059.48438	56094.07117	56052.09766	505371.7	5408895.8
L5370.0	505371.7	5408895.8	13083.90039	328.37	130	48.833016	-86.926803	56104.39	56250.1	-0.10	56104.29	56059.60547	56095.65422	56053.75391	505371.7	5408895.8
L5370.0	505371.7	5408894.1	13084.00000	325.66	130	48.833001	-86.926803	56104.40	56250.1	-0.10	56104.30	56059.59375	56094.79839	56052.97266	505371.7	5408894.1
L5370.0	505371.7	5408892.5	13084.09961	326.76	130	48.832986	-86.926803	56104.48	56250.1	-0.10	56104.38	56059.65625	56095.29530	56053.54297	505371.7	5408892.5
L5370.0	505371.7	5408892.5	13084.20020	326.47	130	48.832986	-86.926803	56104.50	56250.1	-0.10	56104.40	56059.66016	56094.70946	56053.03516	505371.7	5408892.5
L5370.0	505371.7	5408891.1	13084.29981	324.96	130	48.832973	-86.926803	56104.54	56250.1	-0.10	56104.44	56059.68359	56094.52698	56052.92969	505371.7	5408891.1
L5370.0	505371.7	5408889.7	13084.40039	324.08	130	48.832961	-86.926803	56104.61	56250.1	-0.10	56104.50	56059.72656	56094.73565	56053.21484	505371.7	5408889.7
L5370.0	505371.7	5408888.3	13084.50000	325.84	130	48.832948	-86.926803	56104.66	56250.1	-0.11	56104.56	56059.77344	56094.96558	56053.52344	505371.7	5408888.3
L5370.0	505371.7	5408886.9	13084.50000	325.84	130	48.832936	-86.926803	56104.72	56250.1	-0.11	56104.61	56059.80859	56095.03587	56053.67578	505371.7	5408886.9
L5370.0	505371.7	5408885.7	13084.70020	325.18	130	48.832925	-86.926803	56104.81	56250.1	-0.11	56104.70	56059.88281	56095.84919	56054.57031	505371.7	5408885.7
L5370.0	505371.7	5408884.3	13084.79981	329.27	130	48.832913	-86.926803	56104.86	56250.1	-0.11	56104.75	56059.92188	56095.96359	56054.76563	505371.7	5408884.3
L5370.0	505371.7	5408884.3	13084.90039	329.65	130	48.832913	-86.926803	56104.92	56250.1	-0.11	56104.81	56059.96875	56096.28322	56055.16797	505371.7	5408884.3
L5370.0	505371.7	5408882.9	13085.00000	327.74	130	48.832900	-86.926803	56104.91	56250.1	-0.11	56104.80	56059.94922	56095.35835	56054.32813	505371.7	5408882.9
L5370.0	505371.7	5408882.9	13085.09961	328.41	130	48.832900	-86.926803	56104.98	56250.1	-0.11	56104.88	56060.01953	56096.09623	56055.14844	505371.7	5408882.9
L5370.0	505371.7	5408880.6	13085.20020	328.56	130	48.832879	-86.926804	56104.94	56250.1	-0.11	56104.83	56059.96094	56094.48011	56053.61719	505371.7	5408880.6
L5370.0	505371.6	5408879.4	13085.29981	329.34	130	48.832869	-86.926804	56104.94	56250.1	-0.11	56104.83	56059.95313	56093.79933	56053.02344	505371.6	5408879.4
L5370.0	505371.6	5408877.9	13085.40039	329.30	130	48.832855	-86.926804	56104.98	56250.1	-0.11	56104.88	56059.99219	56094.07787	56053.38672	505371.6	5408877.9

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5370.0	505371.6	5408876.7	13085.50000	327.24	130	48.832844	-86.926804	56105.02	56250.1	-0.10	56104.91	56060.01563	56094.02253	56053.41797	505371.6	5408876.7
L5370.0	505371.6	5408876.1	13085.59961	327.17	130	48.832838	-86.926804	56105.07	56250.1	-0.10	56104.97	56060.07031	56094.58072	56054.06641	505371.6	5408876.1
L5370.0	505371.6	5408874.4	13085.70020	328.74	130	48.832823	-86.926804	56105.09	56250.1	-0.10	56104.98	56060.07813	56094.23518	56053.80859	505371.6	5408874.4
L5370.0	505371.6	5408874.4	13085.79981	330.73	130	48.832823	-86.926804	56105.12	56250.1	-0.10	56105.01	56060.10156	56094.32274	56053.98438	505371.6	5408874.4
L5370.0	505371.6	5408873.0	13085.90039	330.15	130	48.832811	-86.926804	56105.16	56250.1	-0.10	56105.06	56060.14844	56094.85673	56054.60547	505371.6	5408873.0
L5370.0	505371.6	5408871.6	13086.00000	331.67	130	48.832798	-86.926804	56105.16	56250.1	-0.10	56105.06	56060.14844	56094.46922	56054.30859	505371.6	5408871.6
L5370.0	505371.6	5408870.4	13086.09961	330.73	130	48.832787	-86.926804	56105.20	56250.1	-0.10	56105.10	56060.18750	56094.92305	56054.85156	505371.6	5408870.4
L5370.0	505371.6	5408869.0	13086.20020	332.84	130	48.832775	-86.926804	56105.19	56250.1	-0.10	56105.09	56060.17578	56094.44182	56054.46094	505371.6	5408869.0
L5370.0	505371.6	5408867.4	13086.29981	333.82	130	48.832760	-86.926804	56105.19	56250.1	-0.11	56105.08	56060.16797	56094.01065	56054.12109	505371.6	5408867.4
L5370.0	505371.6	5408866.9	13086.40039	335.43	130	48.832755	-86.926804	56105.27	56250.1	-0.11	56105.16	56060.25000	56095.44135	56055.64453	505371.6	5408866.9
L5370.0	505371.6	5408865.5	13086.50000	335.97	130	48.832743	-86.926804	56105.21	56250.1	-0.11	56105.10	56060.19141	56094.11205	56054.40625	505371.6	5408865.5
L5370.0	505371.6	5408864.3	13086.50000	335.97	130	48.832732	-86.926804	56105.25	56250.1	-0.11	56105.14	56060.23438	56094.85622	56055.24219	505371.6	5408864.3
L5370.0	505371.6	5408862.9	13086.70020	333.82	130	48.832720	-86.926804	56105.21	56250.1	-0.11	56105.10	56060.19922	56094.03319	56054.51172	505371.6	5408862.9
L5370.0	505371.6	5408862.9	13086.79981	332.42	130	48.832720	-86.926804	56105.24	56250.1	-0.12	56105.12	56060.22656	56094.48712	56055.05859	505371.6	5408862.9
L5370.0	505371.6	5408861.3	13086.90039	331.70	130	48.832705	-86.926804	56105.24	56250.1	-0.12	56105.12	56060.23438	56094.59099	56055.25391	505371.6	5408861.3
L5370.0	505371.6	5408859.8	13087.00000	331.74	130	48.832692	-86.926804	56105.16	56250.1	-0.12	56105.04	56060.16016	56093.10694	56053.86328	505371.6	5408859.8
L5370.0	505371.6	5408858.9	13087.09961	333.12	130	48.832684	-86.926804	56105.18	56250.1	-0.12	56105.06	56060.19141	56093.73532	56054.58203	505371.6	5408858.9
L5370.0	505371.6	5408857.5	13087.20020	331.94	130	48.832671	-86.926804	56105.09	56250.1	-0.12	56104.97	56060.10938	56092.14868	56053.08984	505371.6	5408857.5
L5370.0	505371.6	5408855.8	13087.29981	330.80	130	48.832656	-86.926804	56105.12	56250.1	-0.12	56105.00	56060.15234	56093.10292	56054.13672	505371.6	5408855.8
L5370.0	505371.6	5408855.8	13087.40039	330.80	130	48.832656	-86.926804	56105.12	56250.1	-0.12	56105.00	56060.16406	56093.49705	56054.62500	505371.6	5408855.8
L5370.0	505371.6	5408854.3	13087.50000	332.13	130	48.832643	-86.926804	56105.09	56250.1	-0.12	56104.97	56060.14844	56093.32640	56054.54688	505371.6	5408854.3
L5370.0	505371.6	5408852.7	13087.59961	330.82	130	48.832628	-86.926804	56104.99	56250.1	-0.12	56104.87	56060.06250	56091.74696	56053.06250	505371.6	5408852.7
L5370.0	505371.6	5408851.3	13087.70020	331.38	130	48.832615	-86.926804	56105.02	56250.1	-0.12	56104.90	56060.10938	56092.95513	56054.36328	505371.6	5408851.3
L5370.0	505371.7	5408850.1	13087.79981	329.38	130	48.832605	-86.926804	56104.98	56250.1	-0.12	56104.86	56060.08594	56092.75575	56054.25781	505371.7	5408850.1
L5370.0	505371.7	5408849.3	13087.90039	330.58	130	48.832598	-86.926804	56105.02	56250.1	-0.12	56104.90	56060.14453	56094.31683	56055.91406	505371.7	5408849.3
L5370.0	505371.7	5408848.0	13088.00000	333.29	130	48.832586	-86.926804	56104.94	56250.1	-0.12	56104.82	56060.08203	56093.40061	56055.09375	505371.7	5408848.0
L5370.0	505371.7	5408846.5	13088.09961	334.27	130	48.832573	-86.926804	56104.94	56250.1	-0.12	56104.82	56060.10547	56094.25707	56056.04297	505371.7	5408846.5
L5370.0	505371.7	5408846.5	13088.20020	336.45	130	48.832573	-86.926804	56104.84	56250.1	-0.12	56104.72	56060.02734	56093.04352	56054.92188	505371.7	5408846.5
L5370.0	505371.7	5408844.9	13088.29981	335.78	130	48.832558	-86.926804	56104.82	56250.1	-0.12	56104.70	56060.02734	56093.61931	56055.59375	505371.7	5408844.9
L5370.0	505371.7	5408843.9	13088.40039	333.79	130	48.832549	-86.926804	56104.76	56250.1	-0.12	56104.64	56059.99219	56093.40968	56055.47656	505371.7	5408843.9
L5370.0	505371.7	5408842.2	13088.50000	335.00	130	48.832534	-86.926804	56104.66	56250.1	-0.12	56104.54	56059.91797	56092.40792	56054.57031	505371.7	5408842.2
L5370.0	505371.7	5408841.0	13088.50000	335.00	130	48.832523	-86.926803	56104.64	56250.1	-0.12	56104.53	56059.93750	56093.44285	56055.69922	505371.7	5408841.0
L5370.0	505371.7	5408839.3	13088.70020	337.73	130	48.832508	-86.926803	56104.53	56250.1	-0.11	56104.42	56059.85547	56092.38226	56054.73047	505371.7	5408839.3
L5370.0	505371.7	5408839.3	13088.79981	340.24	130	48.832508	-86.926803	56104.48	56250.1	-0.11	56104.37	56059.83594	56092.71883	56055.16016	505371.7	5408839.3
L5370.0	505371.7	5408838.1	13088.90039	339.53	130	48.832497	-86.926803	56104.40	56250.1	-0.11	56104.29	56059.78516	56092.48795	56055.02344	505371.7	5408838.1
L5370.0	505371.7	5408836.9	13089.00000	339.20	130	48.832486	-86.926803	56104.34	56250.1	-0.11	56104.23	56059.75781	56092.78675	56055.41797	505371.7	5408836.9
L5370.0	505371.8	5408835.3	13089.09961	336.16	130	48.832471	-86.926803	56104.25	56250.1	-0.11	56104.14	56059.70313	56092.51959	56055.24219	505371.8	5408835.3
L5370.0	505371.8	5408833.4	13089.20020	336.00	130	48.832454	-86.926803	56104.18	56250.1	-0.11	56104.07	56059.66797	56092.78602	56055.60156	505371.8	5408833.4
L5370.0	505371.8	5408833.4	13089.29981	335.93	130	48.832454	-86.926803	56104.15	56250.1	-0.12	56104.04	56059.67578	56094.02475	56056.93359	505371.8	5408833.4
L5370.0	505371.8	5408829.8	13089.40039	335.85	130	48.832422	-86.926802	56104.03	56250.1	-0.12	56103.91	56059.58203	56093.16803	56056.17188	505371.8	5408829.8
L5370.0	505371.8	5408829.8	13089.50000	334.20	130	48.832422	-86.926802	56103.92	56250.1	-0.12	56103.80	56059.51172	56092.85009	56055.94531	505371.8	5408829.8
L5370.0	505371.8	5408828.8	13089.59961	335.14	130	48.832413	-86.926802	56103.83	56250.1	-0.12	56103.71	56059.46484	56093.06872	56056.25781	505371.8	5408828.8
L5370.0	505371.8	5408827.1	13089.70020	334.06	130	48.832398	-86.926802	56103.73	56250.1	-0.12	56103.60	56059.39844	56092.95322	56056.23828	505371.8	5408827.1
L5370.0	505371.8	5408825.3	13089.79981	334.41	130	48.832381	-86.926802	56103.60	56250.1	-0.13	56103.48	56059.32031	56092.72475	56056.10156	505371.8	5408825.3
L5370.0	505371.8	5408825.3	13089.90039	334.58	130	48.832381	-86.926802	56103.49	56250.1	-0.13	56103.36	56059.24609	56092.60085	56056.07031	505371.8	5408825.3
L5370.0	505371.8	5408823.5	13090.00000	334.33	130	48.832366	-86.926802	56103.37	56250.1	-0.13	56103.24	56059.17578	56092.58147	56056.14453	505371.8	5408823.5
L5370.0	505371.8	5408821.9	13090.09961	334.26	130	48.832351	-86.926802	56103.22	56250.1	-0.13	56103.09	56059.07422	56092.03159	56055.68750	505371.8	5408821.9
L5370.0	505371.8	5408821.9	13090.20020	335.99	130	48.832351	-86.926802	56103.20	56250.1	-0.13	56103.07	56059.10547	56094.31552	56058.06641	505371.8	5408821.9
L5370.0	505371.8	5408820.5	13090.29981	334.59	130	48.832338	-86.926802	56102.99	56250.1	-0.13	56102.86	56058.94922	56092.71488	56056.55859	505371.8	5408820.5
L5370.0	505371.8	5408818.6	13090.40039	333.85	130	48.832321	-86.926802	56102.89	56250.1	-0.13	56102.76	56058.90234	56093.50726	56057.44141	505371.8	5408818.6
L5370.0	505371.8	5408818.6	13090.50000	332.01	130	48.832321	-86.926802	56102.71	56250.1	-0.13	56102.58	56058.77734	56092.74969	56056.77734	505371.8	5408818.6
L5370.0	505371.8	5408817.0	13090.50000	332.01	130	48.832307	-86.926802	56102.61	56250.1	-0.13	56102.48	56058.73438	56093.72611	56057.84766	505371.8	5408817.0
L5370.0	505371.8	5408815.8	13090.70020	331.34	130	48.832296	-86.926802	56102.43	56250.1	-0.13	56102.30	56058.61328	56093.17520	56057.39063	505371.8	5408815.8
L5370.0	505371.8	5408815.8	13090.79981	331.06	130	48.832296	-86.926802	56102.26	56250.1	-0.13	56102.13	56058.50391	56092.93093	56057.24219	505371.8	5408815.8
L5370.0	505371.8	5408814.0	13090.90039	328.06	130	48.832280	-86.926802	56102.16	56250.1	-0.13	56102.03	56058.46484	56094.17811	56058.58203	505371.8	5408814.0
L5370.0	505371.8	5408812.5	13091.00000	327.39	130	48.832266	-86.926803	56101.88	56250.1	-0.13	56101.75	56058.25000	56091.95861	56056.45703	505371.8	5408812.5
L5370.0	505371.8	5408812.5	13091.09961	326.64	130	48.832266	-86.926803	56101.81	56250.1	-0.13	56101.68	56058.24609	56093.98268	56058.57422	505371.8	5408812.5
L5370.0	505371.8	5408811.1	13091.20020	326.82	130	48.832254	-86.926803	56101.62	56250.1	-0.13	56101.49	56058.12109	56093.74601	56058.42969	505371.8	5408811.1
L5370.0	505371.8	5408809.4	13091.29981	329.93	130	48.832239	-86.926803	56101.48	56250.1	-0.13	56101.34	56058.03906	56094.39133	56059.17188	505371.8	5408809.4
L5370.0	505371.8	5408807.6	13091.40039	332.17	130	48.832223	-86.926803	56101.24	56250.1	-0.13	56101.10	56057.87109	56093.39736	56058.27344	505371.8	5408807.6
L5370.0	505371.8	5408807.6	13091.50000	330.64	130	48.832223	-86.926803	56101.07	56250.1	-0.13	56100.94	56057.78516	56094.05827	56059.02734	505371.8	5408807.6
L5370.0	505371.8	5408806.4	13091.59961	326.98	130	48.832212	-86.926803	56100.81	56250.1	-0.14	56100.68	56057.59766	56092.90658	56057.97266	505371.8	5408806.4
L5370.0	505371.8	5408804.7	13091.70020	326.76	130	48.832197	-86.926803	56100.62	56250.1	-0.14	56100.48	56057.47266	56093.02160	56058.17969	505371.8	5408804.7
L5370.0	505371.8	5408804.7	13091.79981	328.16	130	48.832197	-86.926803	56100.46	56250.1	-0.14	56100.32	56057.39063	56094.01228	56059.26953	505371.8	5408804.7
L5370.0	505371.8	5408803.3	13091.90039	330.63	130	48.832184	-86.926803	56100.21	56250.1	-0.14	56100.07	56057.22266	56093.40553	56058.75781	505371.8	5408803.3
L5370.0	505371.8	5408801.6	13092.00000	330.62	130	48.832169	-86.926803	56099.95	56250.1	-0.14	56099.81	56057.04297	56092.73296	56058.18359	505371.8	5408801.6
L5370.0	505371.8	5408800.4	13092.09961	324.90	130	48.832158	-86.926803	56099.70	56250.1	-0.14	56099.56	56056.87500	56092.37197	56057.91797	505371.8	5408800.4
L5370.0	505371.8	5408800.4	13092.20020	327.31	130	48.832158	-86.926803	56099.55	56250.1	-0.14	56099.41	56056.81250	56094.00505	56059.64844	505371.8	5408800.4
L5370.0	505371.8	5408799.0	13092.29981	334.74	130	48.832145	-86.926803	56099.28	56250.1	-0.13	56099.14	56056.62891	56093.49792	56059.23828	505371.8	5408799.0
L5370.0	505371.8	5408797.2	13092.40039	335.74	130	48.832129	-86.926802	56099.02	56250.1	-0.13	56098.89	56056.46484	56093.48157	56059.32031	505371.8	5408797.2
L5370.0	505371.8	5408795.7	13092.50000	336.20	130	48.832116	-86.926802	56098.74	56250.1	-0.13	56098.61	56056.27734	56093.01912	56058.95703	505371.8	5408795.7
L5370.0	505371.8	5408794.5	13092.50000	336.20	130	48.832105	-86.926802	56098.49	56250.1	-0.13	56098.36	56056.11719	56093.23614	56059.27734	505371.8	5408794.5
L5370.0	505371.8	5408794.5	13092.70020	331.97	130	48.832105	-86.926802	56098.16	56250.1	-0.13	56098.04	56055.89063	56092.25132	56058.39063	505371.8	5408794.5
L5370.0	505371.8	5408793.1	13092.79981	330.38	130	48.832092	-86.926802	56097.93	56250.1	-0.12	56097.80	56055.74609	56092.90534	56059.14453	505371.8	5408793.1
L5370.0	505371.8	5408790.6	13092.90039	331.21	130	48.832069	-86.926802	56097.58	56250.1	-0.12	56097.46	56055.50391	56091.77773	56058.12109	505371.8	5408790.6
L5370.0	505371.8	5408790.6	13093.00000	329.55	130	48.832069	-86.926802	56097.35	56250.1	-0.12	56097.23	56055.37500	56092.91437	56059.35938	505371.8	5408790.6
L5370.0	505371.8	5408788.7	13093.09961	327.07	130	48.832052	-86.926802	56096.94	56250.1	-0.12	56096.82	56055.06641	56090.67164	56057.22266	505371.8	5408788.7
L5370.0	505371.8	5408787.5	13093.20020	326.56	130	48.832042	-86.926802	56096.64	56250.1	-0.12	56096.52	56054.86719	56090.72933	56057.38281	505371.8	5408787.5
L5370.0	505371.8	5408787.5	13093.29981	325.24	130	48.832042	-86.926802	56096.27	56250.1	-0.12	56096.15	56054.60156	56089.53133	56056.28906	505371.8	5408787.5
L5370.0	505371.8	5408786.1	13093.40039	324.89	130	48.832029	-86.926802	56095.98	56250.1	-0.12	56095.86	56054.41797	56090.11356	56056.97656	505371.8	5408786.1
L5370.0	505371.8	5408784.6	13093.50000	326.56	130	48.832016	-86.926802	56095.61	56250.1	-0.12	56095.49	56054.15625	56089.21961	56056.19141	505371.8	5408784.6
L5370.0	505371.8	5408783.9	13093.59961	330.85	130	48.832009	-86.926803	56095.24	56250.1	-0.12	56095.12	56053.89453	56088.48207	56055.56250	505371.8	5408783.9
L5370.0	505371.8	5408781.6	13093.70020	334.28	130	48.831988	-86.926803	56094.95	56250.1	-0.12	56094.82	56053.70703	56089.40378	56056.59375	505371.8	5408781.6
L5370.0	505371.8	5408781.6	13093.79981	336.71	130	48.831988	-86.926803	56094.54	56250.1	-0.12	56094.42	56053.42188	56088.37827	56055.67578	505371.8	5408781.6
L5370.0	505371.8	5408780.2	13093.90039	339.14	130	48.831976	-86.926803	56094.19	56250.1	-0.12	56094.07	56053.18750	56088.61289	56056.02344	505371.8	5408780.2
L5370.0	505371.8	5408779.0	13094.00000	342.21	130	48.831965	-86.926803	56093.73	56250.1	-0.12	56093.61	56052.84375	56086.62811	56054.15234	505371.8	5408779.0
L5370.0	505371.8	5408777.4	13094.09961	344.39	130	48.831951	-86.926803	56093.38	56250.1	-0.12	56093.26	56052.60938	56087.25025	56054.88672	505371.8	5408777.4
L5370.0	505371.8	5408775.7	13094.20020	344.06	130	48.831936	-86.926804	56092.97	56250.1	-0.12	56092.85	56052.32031	56086.74558	56054.49609	505371.8	5408775.7
L5370.0	505371.8	5408775.7	13094.29981	342.15	130	48.831936	-86.926804	56092.55	56250.1	-0.12	56092.42	56052.01172	56085.99239	56053.85938	505371.8	5408775.7
L5370.0	505371.7	5408773.8	13094.40039	339.99	130	48.831919	-86.926804	56092.12	56250.1	-0.12	56092.00	56051.71484	56085.66868	56053.65234	505371.7	5408773.8
L5370.0	505371.7	5408773.8	13094.50000	337.80	130	48.831919	-86.926804	56091.68	56250.1	-0.13	56091.56	56051.39844	56085.10340	56053.20703	505371.7	5408773.8
L5370.0	505371.7	5408771.8	13094.50000	337.80	130	48.831900	-86.926804	56091.21	56250.1	-0.13	56091.09	56051.05469	56084.07154	56052.29297	505371.7	5408771.8
L5370.0	505371.7	5408770.4	13094.70020	334.55	130	48.831888	-86.926805	56090.75	56250.1	-0.13	56090.62	56050.71094	56083.25712	56051.60156	505371.7	5408770.4

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5370.0	505371.7	5408770.4	13094.79981	334.61	130	48.831888	-86.926805	56090.26	56250.1	-0.13	56090.13	56050.35156	56082.21294	56050.67969	505371.7	5408770.4
L5370.0	505371.7	5408768.9	13094.90039	334.29	130	48.831874	-86.926805	56089.71	56250.1	-0.13	56089.59	56049.94141	56080.27461	56048.86328	505371.7	5408768.9
L5370.0	505371.7	5408767.5	13095.00000	326.48	130	48.831862	-86.926805	56089.27	56250.1	-0.13	56089.14	56049.62500	56080.58677	56049.30078	505371.7	5408767.5
L5370.0	505371.7	5408766.3	13095.09961	324.73	130	48.831851	-86.926805	56088.80	56250.1	-0.13	56088.67	56049.28906	56080.66655	56049.50781	505371.7	5408766.3
L5370.0	505371.7	5408764.9	13095.20020	333.13	130	48.831838	-86.926805	56088.22	56250.1	-0.12	56088.10	56048.85156	56078.76703	56047.73438	505371.7	5408764.9
L5370.0	505371.7	5408763.7	13095.29981	335.35	130	48.831827	-86.926805	56087.79	56250.1	-0.12	56087.66	56048.54688	56079.91533	56049.01563	505371.7	5408763.7
L5370.0	505371.6	5408762.5	13095.40039	334.85	130	48.831816	-86.926805	56087.23	56250.1	-0.12	56087.11	56048.13672	56078.88247	56048.11328	505371.6	5408762.5
L5370.0	505371.6	5408760.8	13095.50000	334.13	130	48.831802	-86.926806	56086.68	56250.1	-0.11	56086.57	56047.73438	56078.27037	56047.63281	505371.6	5408760.8
L5370.0	505371.6	5408760.8	13095.59961	333.39	130	48.831802	-86.926806	56086.14	56250.1	-0.11	56086.03	56047.33594	56077.85232	56047.34766	505371.6	5408760.8
L5370.0	505371.6	5408759.4	13095.70020	332.73	130	48.831789	-86.926806	56085.56	56250.1	-0.11	56085.45	56046.89453	56076.78914	56046.42188	505371.6	5408759.4
L5370.0	505371.6	5408758.0	13095.79981	332.78	130	48.831776	-86.926806	56084.98	56250.1	-0.11	56084.87	56046.45703	56075.91897	56045.68750	505371.6	5408758.0
L5370.0	505371.6	5408756.3	13095.90039	328.78	107.01	48.831761	-86.926806	56084.33	56250.1	-0.10	56084.23	56045.96094	56074.00590	56043.91406	505371.6	5408756.3
L5370.0	505371.6	5408756.3	13096.00000	326.98	103.78	48.831761	-86.926806	56083.69	56250.1	-0.10	56083.59	56045.46484	56072.28983	56042.33984	505371.6	5408756.3
L5370.0	505371.6	5408754.8	13096.09961	328.53	100.87	48.831748	-86.926806	56083.11	56250.1	-0.10	56083.01	56045.03125	56071.99493	56042.18750	505371.6	5408754.8
L5370.0	505371.6	5408753.5	13096.20020	329.99	100.87	48.831735	-86.926806	56082.50	56250.1	-0.10	56082.40	56044.56641	56071.27688	56041.61328	505371.6	5408753.5
L5370.0	505371.6	5408752.0	13096.29981	329.78	108.49	48.831723	-86.926806	56081.88	56250.1	-0.11	56081.77	56044.08594	56070.34331	56040.82422	505371.6	5408752.0
L5370.0	505371.6	5408750.9	13096.40039	331.27	103.54	48.831712	-86.926806	56081.31	56250.1	-0.11	56081.20	56043.66406	56070.83407	56041.46094	505371.6	5408750.9
L5370.0	505371.6	5408749.2	13096.50000	332.71	103.54	48.831697	-86.926806	56080.73	56250.1	-0.11	56080.62	56043.23047	56071.32193	56042.09766	505371.6	5408749.2
L5370.0	505371.6	5408748.3	13096.50000	332.71	106.69	48.831689	-86.926806	56080.02	56250.1	-0.11	56079.91	56042.67188	56069.33736	56040.26172	505371.6	5408748.3
L5370.0	505371.6	5408748.3	13096.70020	337.37	110.96	48.831689	-86.926806	56079.34	56250.1	-0.11	56079.23	56042.14063	56068.16673	56039.24219	505371.6	5408748.3
L5370.0	505371.6	5408746.9	13096.79981	336.99	100.55	48.831677	-86.926806	56078.71	56250.1	-0.12	56078.60	56041.66406	56068.23616	56039.46484	505371.6	5408746.9
L5370.0	505371.6	5408745.7	13096.90039	336.95	98.97	48.831666	-86.926807	56078.00	56250.1	-0.12	56077.88	56041.09375	56066.64020	56038.02344	505371.6	5408745.7
L5370.0	505371.6	5408744.4	13097.00000	334.58	98.97	48.831654	-86.926807	56077.27	56250.1	-0.12	56077.15	56040.51563	56065.03478	56036.57422	505371.6	5408744.4
L5370.0	505371.5	5408743.2	13097.09961	332.70	98.5	48.831643	-86.926807	56076.58	56250.1	-0.12	56076.46	56039.98047	56064.47713	56036.17578	505371.5	5408743.2
L5370.0	505371.5	5408742.1	13097.20020	332.15	103.04	48.831633	-86.926807	56075.85	56250.1	-0.12	56075.73	56039.40234	56063.28761	56035.14453	505371.5	5408742.1
L5370.0	505371.5	5408740.7	13097.29981	331.24	103.04	48.831621	-86.926807	56075.12	56250.1	-0.12	56075.00	56038.82813	56062.31166	56034.33203	505371.5	5408740.7
L5370.0	505371.5	5408739.3	13097.40039	329.68	111.96	48.831608	-86.926807	56074.41	56250.1	-0.12	56074.28	56038.26172	56061.76924	56033.94922	505371.5	5408739.3
L5370.0	505371.5	5408739.3	13097.50000	330.73	112.33	48.831608	-86.926807	56073.57	56250.1	-0.13	56073.45	56037.58594	56059.08046	56031.42578	505371.5	5408739.3
L5370.0	505371.5	5408737.0	13097.59961	332.84	109.2	48.831587	-86.926807	56072.92	56250.1	-0.13	56072.79	56037.08203	56060.28051	56032.79297	505371.5	5408737.0
L5370.0	505371.5	5408737.0	13097.70020	336.68	110.02	48.831587	-86.926807	56072.13	56250.1	-0.13	56072.00	56036.44531	56058.89400	56031.57031	505371.5	5408737.0
L5370.0	505371.5	5408734.6	13097.79981	335.84	110.02	48.831566	-86.926808	56071.32	56250.1	-0.13	56071.19	56035.78906	56057.29037	56030.13672	505371.5	5408734.6
L5370.0	505371.5	5408734.6	13097.90039	334.61	111.64	48.831566	-86.926808	56070.49	56250.1	-0.13	56070.36	56035.11328	56055.46732	56028.48047	505371.5	5408734.6
L5370.0	505371.5	5408732.7	13098.00000	335.05	111.57	48.831549	-86.926808	56069.75	56250.1	-0.13	56069.62	56034.53125	56055.83244	56029.01953	505371.5	5408732.7
L5370.0	505371.5	5408731.1	13098.09961	336.41	111.57	48.831534	-86.926808	56068.87	56250.1	-0.13	56068.74	56033.80469	56053.34827	56026.70703	505371.5	5408731.1
L5370.0	505371.5	5408731.1	13098.20020	336.63	112.72	48.831534	-86.926808	56068.08	56250.1	-0.13	56067.95	56033.16797	56053.05175	56026.58203	505371.5	5408731.1
L5370.0	505371.5	5408729.7	13098.29981	337.14	112.72	48.831522	-86.926808	56067.20	56250.1	-0.13	56067.07	56032.44531	56050.98856	56024.69531	505371.5	5408729.7
L5370.0	505371.5	5408728.3	13098.40039	335.58	108.34	48.831509	-86.926808	56066.36	56250.1	-0.13	56066.23	56031.75781	56050.01042	56023.89063	505371.5	5408728.3
L5370.0	505371.5	5408726.7	13098.50000	334.81	110.54	48.831495	-86.926808	56065.50	56250.1	-0.13	56065.37	56031.05078	56048.79481	56022.85156	505371.5	5408726.7
L5370.0	505371.5	5408725.7	13098.50000	334.81	110.54	48.831486	-86.926808	56064.64	56250.1	-0.13	56064.51	56030.34375	56047.77700	56022.01172	505371.5	5408725.7
L5370.0	505371.4	5408724.3	13098.70020	333.21	109.05	48.831473	-86.926808	56063.76	56250.1	-0.13	56063.63	56029.61719	56046.51164	56020.92578	505371.4	5408724.3
L5370.0	505371.4	5408724.3	13098.79981	334.23	106.92	48.831473	-86.926808	56062.82	56250.1	-0.13	56062.69	56028.83203	56044.11414	56018.70703	505371.4	5408724.3
L5370.0	505371.4	5408722.9	13098.90039	334.45	105.77	48.831461	-86.926809	56061.93	56250.1	-0.13	56061.80	56028.08984	56042.99989	56017.77344	505371.4	5408722.9
L5370.0	505371.4	5408721.5	13099.00000	334.05	105.77	48.831448	-86.926809	56061.00	56250.1	-0.13	56060.87	56027.31250	56041.18260	56016.13672	505371.4	5408721.5
L5370.0	505371.4	5408720.1	13099.09961	332.65	105.06	48.831435	-86.926809	56060.09	56250.1	-0.13	56059.96	56026.55469	56039.97611	56015.11328	505371.4	5408720.1
L5370.0	505371.4	5408718.7	13099.20020	333.87	107.3	48.831423	-86.926809	56059.13	56250.1	-0.12	56059.01	56025.75391	56038.05383	56013.37109	505371.4	5408718.7
L5370.0	505371.4	5408717.3	13099.29981	333.88	105.76	48.831410	-86.926809	56058.20	56250.1	-0.12	56058.08	56024.97266	56036.72808	56012.23047	505371.4	5408717.3
L5370.0	505371.4	5408717.3	13099.40039	334.43	105.91	48.831410	-86.926809	56057.26	56250.1	-0.12	56057.14	56024.17969	56035.33122	56011.01563	505371.4	5408717.3
L5370.0	505371.5	5408715.7	13099.50000	335.49	105.91	48.831396	-86.926809	56056.27	56250.1	-0.11	56056.15	56023.33594	56032.97544	56008.84375	505371.5	5408715.7
L5370.0	505371.5	5408714.8	13099.59961	334.80	104.38	48.831388	-86.926809	56055.32	56250.1	-0.11	56055.20	56022.53125	56031.63140	56007.68750	505371.5	5408714.8
L5370.0	505371.5	5408713.4	13099.70020	334.80	104.93	48.831375	-86.926809	56054.32	56250.1	-0.11	56054.22	56021.69531	56029.75104	56005.99219	505371.5	5408713.4
L5370.0	505371.5	5408712.2	13099.79981	337.98	105.79	48.831364	-86.926809	56053.39	56250.1	-0.11	56053.28	56020.89844	56028.86875	56005.29297	505371.5	5408712.2
L5370.0	505371.5	5408710.8	13099.90039	337.17	105.79	48.831351	-86.926809	56052.33	56250.1	-0.10	56052.23	56019.98828	56025.67346	56002.28516	505371.5	5408710.8
L5370.0	505371.5	5408710.8	13100.00000	336.39	106.79	48.831351	-86.926809	56051.36	56250.1	-0.10	56051.26	56019.16016	56024.34381	56001.14063	505371.5	5408710.8
L5370.0	505371.5	5408709.4	13100.09961	335.68	107	48.831339	-86.926809	56050.32	56250.1	-0.10	56050.22	56018.25781	56021.56665	55998.54688	505371.5	5408709.4
L5370.0	505371.5	5408708.0	13100.20020	335.43	107	48.831327	-86.926809	56049.34	56250.1	-0.11	56049.24	56017.41406	56020.20349	55997.37109	505371.5	5408708.0
L5370.0	505371.5	5408706.8	13100.29981	335.31	107.3	48.831316	-86.926809	56048.31	56250.1	-0.11	56048.19	56016.50000	56017.37809	55994.73047	505371.5	5408706.8
L5370.0	505371.5	5408705.9	13100.40039	336.44	107.77	48.831307	-86.926809	56047.26	56250.1	-0.12	56047.15	56015.59375	56014.84961	55992.38672	505371.5	5408705.9
L5370.0	505371.5	5408704.5	13100.50000	334.43	107.89	48.831295	-86.926809	56046.20	56250.1	-0.12	56046.08	56014.65625	56011.72874	55989.45313	505371.5	5408704.5
L5370.0	505371.5	5408703.3	13100.50000	334.43	106.19	48.831284	-86.926808	56045.19	56250.1	-0.12	56045.07	56013.77734	56009.99132	55987.89844	505371.5	5408703.3
L5370.0	505371.5	5408701.9	13100.70020	333.15	106.19	48.831271	-86.926808	56044.16	56250.1	-0.13	56044.03	56012.86719	56007.64234	55985.73438	505371.5	5408701.9
L5370.0	505371.5	5408700.5	13100.79981	333.34	109.19	48.831259	-86.926808	56043.07	56250.1	-0.13	56042.93	56011.89453	56004.01677	55982.29297	505371.5	5408700.5
L5370.0	505371.5	5408699.0	13100.90039	334.82	110.58	48.831246	-86.926808	56042.06	56250.1	-0.14	56041.92	56011.00781	56002.39484	55980.85547	505371.5	5408699.0
L5370.0	505371.5	5408699.0	13101.00000	335.06	106.04	48.831246	-86.926808	56040.96	56250.1	-0.14	56040.82	56010.03125	55998.82165	55977.46484	505371.5	5408699.0
L5370.0	505371.5	5408696.4	13101.09961	335.83	106.04	48.831222	-86.926808	56039.86	56250.1	-0.14	56039.72	56009.05078	55995.25833	55974.08203	505371.5	5408696.4
L5370.0	505371.5	5408696.4	13101.20020	336.18	101.34	48.831222	-86.926808	56038.79	56250.1	-0.14	56038.65	56008.10156	55992.34056	55971.34375	505371.5	5408696.4
L5370.0	505371.5	5408695.0	13101.29981	333.97	102.14	48.831210	-86.926808	56037.76	56250.1	-0.13	56037.62	56007.18750	55990.26105	55969.44531	505371.5	5408695.0
L5370.0	505371.5	5408693.6	13101.40039	333.74	105.93	48.831196	-86.926808	56036.72	56250.1	-0.13	56036.59	56006.27344	55988.13426	55967.49609	505371.5	5408693.6
L5370.0	505371.5	5408692.2	13101.50000	334.52	105.93	48.831184	-86.926808	56035.68	56250.1	-0.13	56035.55	56005.34375	55985.73009	55965.26953	505371.5	5408692.2
L5370.0	505371.5	5408692.2	13101.59961	334.34	109.27	48.831184	-86.926808	56034.57	56250.1	-0.13	56034.44	56004.34375	55981.75388	55961.47266	505371.5	5408692.2
L5370.0	505371.5	5408690.5	13101.70020	332.64	113.96	48.831169	-86.926808	56033.56	56250.1	-0.13	56033.43	56003.44141	55979.82093	55959.71484	505371.5	5408690.5
L5370.0	505371.5	5408689.1	13101.79981	331.75	113.96	48.831156	-86.926808	56032.49	56250.1	-0.12	56032.36	56002.47656	55976.49981	55956.56641	505371.5	5408689.1
L5370.0	505371.5	5408687.6	13101.90039	331.88	113.37	48.831143	-86.926808	56031.48	56250.1	-0.12	56031.36	56001.57813	55974.53110	55954.76953	505371.5	5408687.6
L5370.0	505371.5	5408686.4	13102.00000	332.10	111.58	48.831132	-86.926808	56030.40	56250.1	-0.12	56030.28	56000.59766	55970.72334	55951.13281	505371.5	5408686.4
L5370.0	505371.5	5408686.4	13102.09961	332.14	113.72	48.831132	-86.926808	56029.38	56250.1	-0.12	56029.26	55999.67578	55968.01314	55948.59375	505371.5	5408686.4
L5370.0	505371.5	5408684.7	13102.20020	333.51	113.72	48.831117	-86.926808	56028.34	56250.1	-0.12	56028.23	55998.73828	55964.90643	55945.65234	505371.5	5408684.7
L5370.0	505371.5	5408683.7	13102.29981	332.37	111.31	48.831108	-86.926808	56027.38	56250.1	-0.12	56027.27	55997.87109	55963.06064	55943.97266	505371.5	5408683.7
L5370.0	505371.5	5408682.3	13102.40039	330.91	110.88	48.831095	-86.926808	56026.35	56250.1	-0.12	56026.23	55996.92188	55959.31839	55940.39453	505371.5	5408682.3
L5370.0	505371.5	5408680.9	13102.50000	331.35	110.88	48.831082	-86.926808	56025.31	56250.1	-0.12	56025.20	55995.97656	55955.54748	55936.78516	505371.5	5408680.9
L5370.0	505371.5	5408679.5	13102.50000	331.35	109.36	48.831070	-86.926808	56024.30	56250.1	-0.12	56024.19	55995.05078	55951.93796	55933.33594	505371.5	5408679.5
L5370.0	505371.5	5408678.3	13102.70020	333.28	108.62	48.831059	-86.926808	56023.41	56250.1	-0.11	56023.30	55994.24219	55950.55659	55932.11328	505371.5	5408678.3
L5370.0	505371.5	5408678.3	13102.79981	334.99	108.41	48.831059	-86.926808	56022.50	56250.1	-0.11	56022.39	55993.40625	55948.47211	55930.18359	505371.5	5408678.3
L5370.0	505371.5	5408676.6	13102.90039	335.66	108.97	48.831044	-86.926808	56021.59	56250.1	-0.11	56021.48	55992.57422	55946.09104	55927.95703	505371.5	5408676.6
L5370.0	505371.5	5408674.7	13103.00000	334.53	108.97	48.831027	-86.926808	56020.66	56250.1	-0.11	56020.55	55991.71484	55942.98478	55925.00391	505371.5	5408674.7
L5370.0	505371.5	5408674.7	13103.09961	333.31	111.88	48.831027	-86.926808	56019.74	56250.1	-0.11	56019.63	55990.86328	55939.76950	55921.93750	505371.5	5408674.7
L5370.0	505371.5	5408673.3	13103.20020	332.07	109.88	48.831014	-86.926808	56018.88	56250.1	-0.11	56018.77	55990.07031	55937.47907	55919.79297	505371.5	5408673.3
L5370.0	505371.5	5408672.0	13103.29981	334.16	109.88	48.831003	-86.926808	56017.95	56250.1	-0.11	56017.84	55989.20313	55933.38973	55915.84766	505371.5	5408672.0
L5370.0	505371.5	5408670.4	13103.40039	333.52	105.81	48.830988	-86.926808	56017.17	56250.1	-0.11	56017.05	55988.47266	55931.88347	55914.48047	505371.5	5408670.4
L5370.0	505371.5	5408669.0	13103.50000	332.90	105.95	48.830976	-86.926808	56016.28	56250.1	-0.12	56016.16	55987.63672	55927.93420	55910.67188	505371.5	5408669.0
L5370.0	505371.5	5408667.6	13103.59961	332.53	107.36	48.830963	-86.926808	56015.57	56250.1	-0.12	56015.46	55986.99219	55927.60254	55910.47656	505371.5	5408667.6
L5370.0	505371.5	5408667.6	13103.70020	332.16	107.36	48.830963	-86.926808	56014.76	56250.1	-0.12	56014.65	55986.23047	55924.59804	55907.60547	505371.5	5408667.6
L5370.0	505371.5	5408666.4	13103.79981	332.88	106.5	48.830952	-86.926808	56014.03	56250.1	-0.12	56013.91	55985.53906	55922.67423	55905.81250	505371.5	5408666.4
L5370.0	505371.6	5408665.0	13103.90039	334.01	104.59	48.830940	-86.926808	56013.29	56250.1	-0.12	56013.17	55984.84375	55920.35342	55903.61719	505371.6	5408665.0
L5370.0	505371.6	5408663.8	13104.00000	334.05	105.01	48.830929	-86.926808	56012.56	56250.1	-0.12	56012.44	55984.15234	55917.83131	55901.22266	505371.6	5408663.8

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5370.0	505371.6	5408662.7	13104.09961	333.61	105.01	48.830919	-86.926808	56011.83	56250.1	-0.12	56011.71	55983.46094	55914.88325	55898.39453	505371.6	5408662.7
L5370.0	505371.6	5408661.3	13104.20020	334.26	104.98	48.830906	-86.926807	56011.20	56250.1	-0.12	56011.08	55982.86719	55913.57520	55897.20703	505371.6	5408661.3
L5370.0	505371.6	5408660.3	13104.29981	333.79	105.52	48.830897	-86.926807	56010.52	56250.1	-0.12	56010.39	55982.20703	55910.55110	55894.29688	505371.6	5408660.3
L5370.0	505371.6	5408658.2	13104.40039	332.75	105.52	48.830878	-86.926807	56009.88	56250.1	-0.12	56009.75	55981.59375	55908.08653	55891.94531	505371.6	5408658.2
L5370.0	505371.6	5408658.2	13104.50000	332.35	106.03	48.830878	-86.926807	56009.25	56250.1	-0.13	56009.12	55980.98828	55905.33064	55889.30078	505371.6	5408658.2
L5370.0	505371.6	5408657.0	13104.50000	332.35	106.3	48.830868	-86.926807	56008.72	56250.1	-0.13	56008.59	55980.48047	55904.13534	55888.21094	505371.6	5408657.0
L5370.0	505371.7	5408655.4	13104.70020	323.15	105.53	48.830853	-86.926807	56008.21	56250.1	-0.13	56008.08	55979.98828	55902.82046	55887.00000	505371.7	5408655.4
L5370.0	505371.7	5408654.0	13104.79981	327.92	105	48.830841	-86.926806	56007.68	56250.1	-0.13	56007.56	55979.48438	55900.74896	55885.02734	505371.7	5408654.0
L5370.0	505371.7	5408652.8	13104.90039	329.35	105	48.830830	-86.926806	56007.25	56250.1	-0.13	56007.12	55979.05859	55899.77656	55884.15234	505371.7	5408652.8
L5370.0	505371.7	5408652.8	13105.00000	331.68	104.3	48.830830	-86.926806	56006.74	56250.1	-0.13	56006.61	55978.55469	55896.77285	55881.24219	505371.7	5408652.8
L5370.0	505371.7	5408651.3	13105.09961	333.15	104.11	48.830817	-86.926806	56006.39	56250.1	-0.13	56006.26	55978.21094	55896.50696	55881.06641	505371.7	5408651.3
L5370.0	505371.7	5408649.7	13105.20020	332.18	103.7	48.830802	-86.926806	56005.93	56250.1	-0.13	56005.81	55977.76172	55893.56137	55878.21094	505371.7	5408649.7
L5370.0	505371.7	5408648.3	13105.29981	331.08	103.7	48.830790	-86.926806	56005.63	56250.1	-0.13	56005.51	55977.46094	55893.13582	55877.86719	505371.7	5408648.3
L5370.0	505371.7	5408647.3	13105.40039	331.74	103.95	48.830781	-86.926806	56005.28	56250.1	-0.13	56005.15	55977.09766	55890.84430	55875.65625	505371.7	5408647.3
L5370.0	505371.7	5408645.9	13105.50000	332.37	103.66	48.830768	-86.926806	56005.00	56250.1	-0.13	56004.88	55976.82031	55889.81763	55874.70703	505371.7	5408645.9
L5370.0	505371.7	5408645.0	13105.59961	333.07	103.66	48.830759	-86.926806	56004.74	56250.1	-0.12	56004.62	55976.55078	55888.38015	55873.34375	505371.7	5408645.0
L5370.0	505371.7	5408643.5	13105.70020	334.29	105.46	48.830746	-86.926806	56004.52	56250.1	-0.12	56004.40	55976.32031	55887.16073	55872.19531	505371.7	5408643.5
L5370.0	505371.7	5408642.3	13105.79981	334.13	103.83	48.830736	-86.926806	56004.27	56250.1	-0.12	56004.14	55976.04297	55884.47182	55869.57422	505371.7	5408642.3
L5370.0	505371.7	5408642.3	13105.90039	333.69	103.79	48.830736	-86.926806	56004.16	56250.1	-0.12	56004.04	55975.92188	55884.55532	55869.72266	505371.7	5408642.3
L5370.0	505371.8	5408639.7	13106.00000	336.57	103.79	48.830712	-86.926805	56004.02	56250.1	-0.12	56003.90	55975.76172	55883.18115	55868.40625	505371.8	5408639.7
L5370.0	505371.8	5408639.7	13106.09961	335.79	100.76	48.830712	-86.926805	56003.96	56250.1	-0.12	56003.84	55975.67578	55882.91055	55868.19531	505371.8	5408639.7
L5370.0	505371.8	5408638.3	13106.20020	335.29	99.68	48.830699	-86.926805	56003.91	56250.1	-0.12	56003.79	55975.59766	55882.25807	55867.59766	505371.8	5408638.3
L5370.0	505371.8	5408637.0	13106.29981	335.38	101.31	48.830688	-86.926805	56003.84	56250.1	-0.12	56003.72	55975.49609	55880.58465	55865.97656	505371.8	5408637.0
L5370.0	505371.8	5408635.6	13106.40039	333.58	101.31	48.830675	-86.926805	56003.89	56250.1	-0.12	56003.77	55975.51172	55880.92159	55866.35938	505371.8	5408635.6
L5370.0	505371.8	5408634.4	13106.50000	335.11	100.31	48.830665	-86.926805	56003.96	56250.1	-0.11	56003.84	55975.54688	55881.12952	55866.61328	505371.8	5408634.4
L5370.0	505371.8	5408633.2	13106.50000	335.11	104.1	48.830654	-86.926805	56004.06	56250.1	-0.11	56003.95	55975.61719	55881.65503	55867.17969	505371.8	5408633.2
L5370.0	505371.8	5408631.8	13106.70020	334.10	104.1	48.830641	-86.926805	56004.14	56250.1	-0.11	56004.03	55975.65625	55880.98215	55866.54688	505371.8	5408631.8
L5370.0	505371.8	5408631.8	13106.79981	334.53	100.75	48.830641	-86.926805	56004.37	56250.1	-0.11	56004.25	55975.82813	55882.82747	55868.42578	505371.8	5408631.8
L5370.0	505371.8	5408630.1	13106.90039	333.71	100.75	48.830625	-86.926805	56004.49	56250.1	-0.11	56004.38	55975.91016	55882.17868	55867.81250	505371.8	5408630.1
L5370.0	505371.8	5408628.7	13107.00000	333.31	102.34	48.830613	-86.926805	56004.74	56250.1	-0.11	56004.63	55976.11328	55883.63251	55869.29297	505371.8	5408628.7
L5370.0	505371.8	5408627.1	13107.09961	335.28	102.86	48.830599	-86.926805	56004.98	56250.1	-0.11	56004.87	55976.30078	55884.35393	55870.04297	505371.8	5408627.1
L5370.0	505371.8	5408626.1	13107.20020	335.57	102.86	48.830590	-86.926805	56005.28	56250.1	-0.11	56005.17	55976.54297	55885.87478	55871.58594	505371.8	5408626.1
L5370.0	505371.8	5408624.9	13107.29981	335.97	102.21	48.830579	-86.926805	56005.58	56250.1	-0.10	56005.47	55976.78516	55886.88295	55872.61719	505371.8	5408624.9
L5370.0	505371.8	5408624.9	13107.40039	336.02	100.62	48.830579	-86.926805	56005.91	56250.1	-0.10	56005.81	55977.06641	55888.25447	55874.00391	505371.8	5408624.9
L5370.0	505371.8	5408623.3	13107.50000	335.14	100.13	48.830564	-86.926805	56006.36	56250.1	-0.10	56006.26	55977.45313	55891.51808	55877.28516	505371.8	5408623.3
L5370.0	505371.8	5408622.0	13107.59961	333.92	98.53	48.830553	-86.926805	56006.70	56250.1	-0.10	56006.60	55977.72656	55891.87315	55877.65234	505371.8	5408622.0
L5370.0	505371.8	5408620.6	13107.70020	334.70	99.23	48.830540	-86.926805	56007.20	56250.1	-0.10	56007.10	55978.16016	55895.20687	55880.99609	505371.8	5408620.6
L5370.0	505371.8	5408619.4	13107.79981	334.35	99.23	48.830529	-86.926805	56007.66	56250.1	-0.09	56007.56	55978.55078	55897.16576	55882.96094	505371.8	5408619.4
L5370.0	505371.8	5408618.0	13107.90039	334.49	98.83	48.830516	-86.926805	56008.18	56250.1	-0.09	56008.09	55979.01172	55900.14220	55885.94141	505371.8	5408618.0
L5370.0	505371.8	5408618.0	13108.00000	333.62	96.66	48.830516	-86.926805	56008.72	56250.1	-0.09	56008.63	55979.47656	55902.83905	55888.64063	505371.8	5408618.0
L5370.0	505371.8	5408615.3	13108.09961	332.95	96.66	48.830492	-86.926805	56009.27	56250.1	-0.09	56009.18	55979.95313	55905.26801	55891.07031	505371.8	5408615.3
L5370.0	505371.8	5408615.3	13108.20020	334.50	94.33	48.830492	-86.926805	56009.88	56250.1	-0.10	56009.79	55980.48438	55908.52039	55894.32031	505371.8	5408615.3
L5370.0	505371.8	5408613.8	13108.29981	335.26	98.18	48.830479	-86.926805	56010.48	56250.1	-0.10	56010.38	55980.99609	55910.88353	55896.67969	505371.8	5408613.8
L5370.0	505371.8	5408613.8	13108.40039	334.99	98.18	48.830479	-86.926805	56011.09	56250.1	-0.10	56010.99	55981.52344	55913.23509	55899.02344	505371.8	5408613.8
L5370.0	505371.9	5408611.7	13108.50000	332.74	97.56	48.830460	-86.926804	56011.78	56250.1	-0.10	56011.67	55982.12109	55916.66483	55902.44141	505371.9	5408611.7
L5370.0	505371.9	5408610.3	13108.50000	332.74	98.82	48.830447	-86.926804	56012.41	56250.1	-0.10	56012.30	55982.66797	55918.61092	55904.37891	505371.9	5408610.3
L5370.0	505371.9	5408608.8	13108.70020	332.52	94.94	48.830434	-86.926804	56013.09	56250.1	-0.11	56012.98	55983.26172	55921.23911	55906.99219	505371.9	5408608.8
L5370.0	505371.9	5408607.3	13108.79981	332.60	94.94	48.830421	-86.926804	56013.90	56250.1	-0.11	56013.79	55983.98047	55926.28335	55912.02344	505371.9	5408607.3
L5370.0	505371.9	5408605.9	13108.90039	333.77	101.37	48.830408	-86.926804	56014.59	56250.1	-0.12	56014.47	55984.57422	55928.18998	55913.91016	505371.9	5408605.9
L5370.0	505371.9	5408605.9	13109.00000	333.75	99.84	48.830408	-86.926804	56015.32	56250.1	-0.12	56015.20	55985.21094	55930.83965	55916.54297	505371.9	5408605.9
L5370.0	505371.9	5408604.0	13109.09961	333.81	99.84	48.830391	-86.926804	56016.11	56250.1	-0.12	56015.99	55985.91016	55934.46819	55920.14844	505371.9	5408604.0
L5370.0	505371.9	5408602.9	13109.20020	333.27	99.84	48.830381	-86.926804	56016.86	56250.1	-0.12	56016.75	55986.57813	55937.16860	55922.82813	505371.9	5408602.9
L5370.0	505371.9	5408601.2	13109.29981	333.86	97.44	48.830365	-86.926804	56017.65	56250.1	-0.11	56017.53	55987.26172	55940.03473	55925.66797	505371.9	5408601.2
L5370.0	505371.9	5408600.5	13109.40039	334.51	97.44	48.830359	-86.926804	56018.43	56250.1	-0.11	56018.31	55987.94531	55942.66000	55928.26953	505371.9	5408600.5
L5370.0	505371.9	5408599.0	13109.50000	334.36	98.06	48.830346	-86.926804	56019.24	56250.1	-0.11	56019.13	55988.66797	55945.92553	55931.50781	505371.9	5408599.0
L5370.0	505371.9	5408599.0	13109.59961	334.49	98.7	48.830346	-86.926804	56020.05	56250.1	-0.11	56019.94	55989.38281	55948.78229	55934.33594	505371.9	5408599.0
L5370.0	505371.9	5408597.3	13109.70020	334.50	98.7	48.830331	-86.926804	56020.91	56250.1	-0.11	56020.80	55990.14453	55952.53967	55938.06250	505371.9	5408597.3
L5370.0	505371.9	5408595.7	13109.79981	334.03	98.72	48.830316	-86.926804	56021.72	56250.1	-0.10	56021.61	55990.85156	55955.07625	55940.57031	505371.9	5408595.7
L5370.0	505371.9	5408594.3	13109.90039	334.21	98.72	48.830304	-86.926804	56022.58	56250.1	-0.10	56022.48	55991.62109	55958.76992	55944.23047	505371.9	5408594.3
L5370.0	505371.9	5408593.0	13110.00000	336.42	98.13	48.830292	-86.926804	56023.39	56250.1	-0.10	56023.29	55992.33203	55961.06547	55946.49219	505371.9	5408593.0
L5370.0	505371.9	5408593.0	13110.09961	335.65	99.06	48.830292	-86.926804	56024.27	56250.1	-0.10	56024.17	55993.10938	55964.76324	55950.15625	505371.9	5408593.0
L5370.0	505371.9	5408590.5	13110.20020	334.64	99.06	48.830269	-86.926804	56025.14	56250.1	-0.11	56025.03	55993.86719	55967.95105	55953.31250	505371.9	5408590.5
L5370.0	505371.9	5408590.5	13110.29981	333.95	99.13	48.830269	-86.926804	56025.94	56250.1	-0.11	56025.83	55994.56250	55969.79200	55955.11719	505371.9	5408590.5
L5370.0	505371.9	5408588.6	13110.40039	333.82	99.13	48.830252	-86.926804	56026.86	56250.1	-0.11	56026.74	55995.37109	55973.93544	55959.22266	505371.9	5408588.6
L5370.0	505371.9	5408587.2	13110.50000	333.01	95.37	48.830239	-86.926804	56027.69	56250.1	-0.11	56027.57	55996.09766	55976.34109	55961.58984	505371.9	5408587.2
L5370.0	505371.9	5408587.2	13110.50000	333.01	101.49	48.830239	-86.926804	56028.52	56250.1	-0.11	56028.41	55996.83203	55978.94889	55964.16016	505371.9	5408587.2
L5370.0	505371.9	5408585.7	13110.70020	333.41	102.21	48.830227	-86.926804	56029.43	56250.1	-0.12	56029.31	55997.62891	55982.84326	55968.01563	505371.9	5408585.7
L5370.0	505371.9	5408584.2	13110.79981	333.78	102.21	48.830212	-86.926804	56030.24	56250.1	-0.12	56030.11	55998.32422	55984.62916	55969.76563	505371.9	5408584.2
L5370.0	505371.9	5408584.2	13110.90039	333.83	102.52	48.830212	-86.926804	56031.13	56250.1	-0.13	56031.00	55999.10938	55988.37850	55973.47266	505371.9	5408584.2
L5370.0	505371.9	5408582.5	13111.00000	331.84	101.12	48.830197	-86.926804	56031.96	56250.1	-0.13	56031.83	55999.83203	55990.91094	55975.96484	505371.9	5408582.5
L5370.0	505371.9	5408581.0	13111.09961	331.90	101.12	48.830184	-86.926804	56032.82	56250.1	-0.13	56032.70	56000.59766	55994.38310	55979.39844	505371.9	5408581.0
L5370.0	505371.9	5408579.1	13111.20020	333.52	104.56	48.830167	-86.926804	56033.68	56250.1	-0.12	56033.56	56001.35547	55997.74953	55982.72656	505371.9	5408579.1
L5370.0	505371.9	5408579.1	13111.29981	333.14	104.12	48.830167	-86.926804	56034.49	56250.1	-0.12	56034.37	56002.05859	56000.17334	55985.10938	505371.9	5408579.1
L5370.0	505371.9	5408577.7	13111.40039	332.68	104.12	48.830154	-86.926804	56035.35	56250.1	-0.12	56035.23	56002.81641	56003.81820	55988.71094	505371.9	5408577.7
L5370.0	505371.9	5408576.7	13111.50000	332.91	102.01	48.830145	-86.926804	56036.09	56250.1	-0.11	56035.97	56003.45313	56005.05244	55989.90625	505371.9	5408576.7
L5370.0	505371.9	5408575.5	13111.59961	333.59	102.16	48.830134	-86.926804	56036.84	56250.1	-0.11	56036.73	56004.10938	56006.89962	55991.71094	505371.9	5408575.5
L5370.0	505371.9	5408573.9	13111.70020	335.12	102.16	48.830120	-86.926804	56037.66	56250.1	-0.11	56037.55	56004.82422	56010.24478	55995.01563	505371.9	5408573.9
L5370.0	505371.9	5408572.2	13111.79981	336.52	99.33	48.830105	-86.926804	56038.41	56250.1	-0.11	56038.30	56005.47266	56012.30064	55997.03125	505371.9	5408572.2
L5370.0	505371.9	5408572.2	13111.90039	336.46	102.01	48.830105	-86.926804	56039.10	56250.1	-0.10	56039.00	56006.07031	56013.50953	55998.19922	505371.9	5408572.2
L5370.0	505371.9	5408570.8	13112.00000	336.92	102.59	48.830092	-86.926804	56039.83	56250.1	-0.10	56039.73	56006.69922	56015.61496	56000.26563	505371.9	5408570.8
L5370.0	505371.9	5408569.3	13112.09961	337.34	102.34	48.830079	-86.926804	56040.64	56250.1	-0.10	56040.54	56007.40625	56019.71701	56004.32813	505371.9	5408569.3
L5370.0	505371.9	5408567.9	13112.20020	337.37	102.34	48.830066	-86.926804	56041.25	56250.1	-0.10	56041.15	56007.91797	56019.75433	56004.32422	505371.9	5408567.9
L5370.0	505371.9	5408566.7	13112.29981	337.00	100.39	48.830055	-86.926805	56041.95	56250.1	-0.10	56041.85	56008.51563	56022.02877	56006.55859	505371.9	5408566.7
L5370.0	505371.9	5408565.5	13112.40039	335.20	100.22	48.830044	-86.926805	56042.62	56250.1	-0.10	56042.52	56009.08984	56023.94740	56008.43750	505371.9	5408565.5
L5370.0	505371.9	5408565.5	13112.50000	333.86	97.42	48.830044	-86.926805	56043.27	56250.1	-0.10	56043.17	56009.64063	56025.73735	56010.19141	505371.9	5408565.5
L5370.0	505371.9	5408562.7	13112.50000	333.86	98.29	48.830019	-86.926805	56043.88	56250.1	-0.10	56043.78	56010.15234	56026.97275	56011.38672	505371.9	5408562.7
L5370.0	505371.9	5408562.0	13112.70020	332.99	98.29	48.830013	-86.926805	56044.51	56250.1	-0.10	56044.41	56010.68750	56028.96660	56013.34375	505371.9	5408562.0
L5370.0	505371.9	5408560.8	13112.79981	333.63	101.03	48.830002	-86.926805	56045.09	56250.1	-0.10	56044.99	56011.17188	56030.20450	56014.54297	505371.9	5408560.8
L5370.0	505371.9	5408559.4	13112.90039	336.00	101.74	48.829990	-86.926805	56045.65	56250.1	-0.10	56045.55	56011.64063	56031.34694	56015.64844	505371.9	5408559.4
L5370.0	505371.9	5408558.2	13113.00000	334.72	100.71	48.829979	-86.926805	56046.23	56250.1	-0.10	56046.13	56012.12500	56033.26883	56017.53516	505371.9	5408558.2
L5370.0	505371.9	5408558.2	13113.09961	333.07	100.87	48.829979	-86.926805	56046.76	56250.1	-0.10	56046.66	56012.56641	56034.45341	56018.68359	505371.9	5408558.2
L5370.0	505371.9	5408556.7	13113.20020	333.82	100.87	48.829966	-86.926805	56047.27	56250.1	-0.10	56047.17	56012.98438	56035.55711	56019.75391	505371.9	5408556.7
L5370.0	505371.9	5408554.9	13113.29981	334.31	97.08	48.829949	-86.926805	56047.74	56250.1	-0.10	56047.64	56013.36719	56036.15001	56020.31250	505371.9	5408554.9

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5370.0	505371.9	5408553.4	13113.40039	333.39	97.08	48.829936	-86.926805	56048.20	56250.1	-0.10	56048.10	56013.73828	56036.88632	56021.01563	505371.9	5408553.4
L5370.0	505371.9	5408553.4	13113.50000	332.29	95.31	48.829936	-86.926805	56048.68	56250.1	-0.10	56048.58	56014.13281	56038.41747	56022.51172	505371.9	5408553.4
L5370.0	505371.9	5408552.2	13113.59961	333.23	95.74	48.829925	-86.926805	56049.12	56250.1	-0.10	56049.02	56014.48438	56039.44479	56023.50781	505371.9	5408552.2
L5370.0	505371.9	5408550.8	13113.70020	333.96	98.52	48.829912	-86.926805	56049.49	56250.1	-0.10	56049.39	56014.77344	56039.32184	56023.35156	505371.9	5408550.8
L5370.0	505371.9	5408549.2	13113.79981	335.19	98.52	48.829898	-86.926805	56049.87	56250.1	-0.10	56049.77	56015.07031	56039.77813	56023.77734	505371.9	5408549.2
L5370.0	505371.9	5408547.7	13113.90039	335.89	97.82	48.829885	-86.926805	56050.25	56250.1	-0.10	56050.15	56015.37109	56040.59499	56024.56250	505371.9	5408547.7
L5370.0	505371.9	5408546.5	13114.00000	334.84	97.82	48.829874	-86.926805	56050.61	56250.1	-0.10	56050.51	56015.64844	56041.33794	56025.27734	505371.9	5408546.5
L5370.0	505371.8	5408544.9	13114.09961	337.07	99.76	48.829859	-86.926805	56050.93	56250.1	-0.10	56050.83	56015.89063	56041.57330	56025.48047	505371.8	5408544.9
L5370.0	505371.8	5408544.9	13114.20020	338.87	98.81	48.829859	-86.926805	56051.19	56250.1	-0.10	56051.09	56016.07813	56040.86777	56024.74609	505371.8	5408544.9
L5370.0	505371.8	5408543.3	13114.29981	338.36	98.81	48.829845	-86.926806	56051.52	56250.1	-0.10	56051.42	56016.33203	56042.01469	56025.86719	505371.8	5408543.3
L5370.0	505371.8	5408541.8	13114.40039	335.72	99.65	48.829831	-86.926806	56051.74	56250.1	-0.10	56051.64	56016.48047	56041.13499	56024.96094	505371.8	5408541.8
L5370.0	505371.8	5408541.8	13114.50000	333.74	99.65	48.829831	-86.926806	56051.95	56250.1	-0.10	56051.84	56016.60938	56040.15904	56023.95703	505371.8	5408541.8
L5370.0	505371.8	5408540.3	13114.50000	333.74	95.7	48.829818	-86.926806	56052.20	56250.1	-0.10	56052.09	56016.78906	56040.58505	56024.35938	505371.8	5408540.3
L5370.0	505371.8	5408538.6	13114.70020	334.84	95.7	48.829803	-86.926806	56052.38	56250.1	-0.11	56052.27	56016.89844	56039.82378	56023.57031	505371.8	5408538.6
L5370.0	505371.8	5408538.6	13114.79981	333.80	101	48.829803	-86.926806	56052.58	56250.1	-0.11	56052.47	56017.03516	56039.80140	56023.52344	505371.8	5408538.6
L5370.0	505371.8	5408536.9	13114.90039	332.95	97.33	48.829787	-86.926806	56052.75	56250.1	-0.11	56052.65	56017.14844	56039.64608	56023.34375	505371.8	5408536.9
L5370.0	505371.8	5408535.3	13115.00000	332.83	97.33	48.829773	-86.926807	56052.88	56250.1	-0.11	56052.77	56017.20703	56038.48102	56022.15625	505371.8	5408535.3
L5370.0	505371.7	5408534.1	13115.09961	334.00	94.7	48.829762	-86.926807	56053.03	56250.1	-0.11	56052.92	56017.29688	56038.23360	56021.88672	505371.7	5408534.1
L5370.0	505371.7	5408532.7	13115.20020	333.17	93.65	48.829749	-86.926807	56053.14	56250.1	-0.11	56053.03	56017.34766	56037.38159	56021.01172	505371.7	5408532.7
L5370.0	505371.7	5408531.4	13115.29981	333.35	93.65	48.829738	-86.926807	56053.26	56250.1	-0.11	56053.15	56017.41016	56036.99705	56020.60547	505371.7	5408531.4
L5370.0	505371.7	5408531.4	13115.40039	333.04	98.32	48.829738	-86.926807	56053.34	56250.1	-0.11	56053.23	56017.43359	56035.98124	56019.56641	505371.7	5408531.4
L5370.0	505371.7	5408529.6	13115.50000	334.75	95.97	48.829721	-86.926808	56053.37	56250.1	-0.11	56053.26	56017.41016	56034.09711	56017.66406	505371.7	5408529.6
L5370.0	505371.7	5408528.4	13115.59961	334.08	95.97	48.829711	-86.926808	56053.41	56250.1	-0.11	56053.30	56017.39844	56032.64397	56016.18750	505371.7	5408528.4
L5370.0	505371.7	5408527.0	13115.70020	333.48	93.18	48.829698	-86.926808	56053.41	56250.1	-0.11	56053.30	56017.35156	56030.50921	56014.03516	505371.7	5408527.0
L5370.0	505371.7	5408527.0	13115.79981	334.88	97.86	48.829698	-86.926808	56053.37	56250.1	-0.11	56053.26	56017.26172	56027.67391	56011.17969	505371.7	5408527.0
L5370.0	505371.7	5408525.4	13115.90039	335.65	94.94	48.829683	-86.926808	56053.28	56250.1	-0.11	56053.17	56017.12500	56023.90105	56007.38672	505371.7	5408525.4
L5370.0	505371.7	5408523.9	13116.00000	338.02	94.94	48.829671	-86.926808	56053.26	56250.1	-0.11	56053.15	56017.06250	56021.84824	56005.31641	505371.7	5408523.9
L5370.0	505371.7	5408522.6	13116.09961	335.87	94.94	48.829659	-86.926808	56053.29	56250.1	-0.11	56053.18	56017.05078	56021.07017	56004.51953	505371.7	5408522.6
L5370.0	505371.7	5408521.2	13116.20020	336.11	97.48	48.829646	-86.926808	56053.21	56250.1	-0.10	56053.11	56016.93750	56018.20472	56001.63672	505371.7	5408521.2
L5370.0	505371.7	5408521.2	13116.29981	336.30	94.45	48.829646	-86.926808	56053.18	56250.1	-0.10	56053.09	56016.87891	56016.59250	56000.00391	505371.7	5408521.2
L5370.0	505371.7	5408519.9	13116.40039	338.80	91.02	48.829634	-86.926808	56053.12	56250.1	-0.09	56053.03	56016.78516	56014.20958	55997.60547	505371.7	5408519.9
L5370.0	505371.7	5408518.8	13116.50000	339.65	100.73	48.829624	-86.926808	56053.06	56250.1	-0.08	56052.97	56016.68750	56011.93789	55995.31641	505371.7	5408518.8
L5370.0	505371.7	5408517.4	13116.50000	339.65	100.73	48.829611	-86.926808	56052.98	56250.1	-0.08	56052.90	56016.58594	56009.53955	55992.89844	505371.7	5408517.4
L5370.0	505371.7	5408516.0	13116.70020	339.33	97.78	48.829599	-86.926808	56052.90	56250.1	-0.07	56052.83	56016.48438	56007.22342	55990.56641	505371.7	5408516.0
L5370.0	505371.7	5408514.8	13116.79981	336.25	93.06	48.829589	-86.926808	56052.84	56250.1	-0.07	56052.77	56016.39453	56005.19333	55988.51563	505371.7	5408514.8
L5370.0	505371.7	5408513.3	13116.90039	335.24	96.47	48.829575	-86.926808	56052.78	56250.1	-0.06	56052.71	56016.30859	56003.20456	55986.51172	505371.7	5408513.3
L5370.0	505371.7	5408513.3	13117.00000	334.38	96.47	48.829575	-86.926808	56052.71	56250.1	-0.06	56052.65	56016.22266	56001.23321	55984.52344	505371.7	5408513.3
L5370.0	505371.7	5408512.2	13117.09961	334.54	97.81	48.829565	-86.926808	56052.60	56250.1	-0.06	56052.54	56016.08984	55998.15380	55981.42578	505371.7	5408512.2
L5370.0	505371.7	5408510.6	13117.20020	333.08	97.81	48.829551	-86.926808	56052.61	56250.1	-0.06	56052.55	56016.07813	55997.68609	55980.94141	505371.7	5408510.6
L5370.0	505371.7	5408508.9	13117.29981	330.47	98.81	48.829536	-86.926807	56052.50	56250.1	-0.06	56052.44	56015.94922	55994.52995	55977.76563	505371.7	5408508.9
L5370.0	505371.7	5408508.9	13117.40039	328.70	96.36	48.829536	-86.926807	56052.45	56250.1	-0.06	56052.38	56015.87109	55992.39387	55975.61328	505371.7	5408508.9
L5370.0	505371.7	5408506.6	13117.50000	329.73	96.36	48.829515	-86.926807	56052.38	56250.1	-0.06	56052.31	56015.78516	55989.93978	55973.14063	505371.7	5408506.6
L5370.0	505371.7	5408505.9	13117.59961	331.64	90.29	48.829508	-86.926807	56052.36	56250.1	-0.07	56052.29	56015.75000	55988.44609	55971.62891	505371.7	5408505.9
L5370.0	505371.8	5408504.5	13117.70020	334.88	97.04	48.829496	-86.926807	56052.27	56250.1	-0.07	56052.20	56015.64844	55985.28861	55968.45313	505371.8	5408504.5
L5370.0	505371.8	5408503.3	13117.79981	335.28	97.04	48.829485	-86.926807	56052.31	56250.1	-0.07	56052.24	56015.67578	55984.76029	55967.90625	505371.8	5408503.3
L5370.0	505371.8	5408502.2	13117.90039	332.67	97.6	48.829475	-86.926807	56052.28	56250.1	-0.07	56052.21	56015.63672	55982.51060	55965.63672	505371.8	5408502.2
L5370.0	505371.8	5408502.2	13118.00000	332.03	90.57	48.829475	-86.926807	56052.25	56250.1	-0.07	56052.18	56015.60156	55980.01904	55963.12500	505371.8	5408502.2
L5370.0	505371.8	5408500.8	13118.09961	331.65	85.01	48.829462	-86.926807	56052.25	56250.1	-0.07	56052.18	56015.59375	55977.90082	55960.98828	505371.8	5408500.8
L5370.0	505371.8	5408499.0	13118.20020	331.38	85.42	48.829447	-86.926807	56052.33	56250.1	-0.07	56052.26	56015.67188	55977.22571	55960.29297	505371.8	5408499.0
L5370.0	505371.8	5408497.7	13118.29981	331.97	96.77	48.829434	-86.926807	56052.32	56250.1	-0.07	56052.26	56015.66797	55974.53618	55957.58203	505371.8	5408497.7
L5370.0	505371.8	5408496.2	13118.40039	334.42	96.77	48.829421	-86.926806	56052.43	56250.1	-0.07	56052.36	56015.76953	55973.70778	55956.73438	505371.8	5408496.2
L5370.0	505371.8	5408494.8	13118.50000	337.72	94.05	48.829409	-86.926806	56052.43	56250.1	-0.07	56052.36	56015.76953	55970.41079	55953.41406	505371.8	5408494.8
L5370.0	505371.8	5408494.8	13118.50000	337.72	95.91	48.829409	-86.926806	56052.48	56250.1	-0.07	56052.41	56015.82422	55967.88401	55950.86719	505371.8	5408494.8
L5370.0	505371.8	5408493.7	13118.70020	339.45	95.91	48.829399	-86.926806	56052.60	56250.1	-0.06	56052.54	56015.95703	55966.78459	55949.74609	505371.8	5408493.7
L5370.0	505371.9	5408491.6	13118.79981	337.72	96.29	48.829380	-86.926806	56052.68	56250.1	-0.06	56052.62	56016.04688	55964.27542	55947.21484	505371.9	5408491.6
L5370.0	505371.9	5408490.5	13118.90039	337.21	96.75	48.829369	-86.926806	56052.83	56250.1	-0.06	56052.77	56016.20313	55962.98188	55945.89453	505371.9	5408490.5
L5370.0	505371.9	5408490.5	13119.00000	335.69	96.78	48.829369	-86.926806	56052.96	56250.1	-0.06	56052.90	56016.34375	55960.92242	55943.81250	505371.9	5408490.5
L5370.0	505371.9	5408487.9	13119.09961	335.79	96.78	48.829346	-86.926805	56053.16	56250.1	-0.06	56053.10	56016.55469	55960.07317	55942.93750	505371.9	5408487.9
L5370.0	505371.9	5408487.9	13119.20020	335.45	96.02	48.829346	-86.926805	56053.36	56250.1	-0.06	56053.30	56016.76563	55958.88908	55941.73047	505371.9	5408487.9
L5370.0	505371.9	5408486.9	13119.29981	334.41	95.56	48.829337	-86.926805	56053.59	56250.1	-0.06	56053.53	56017.01172	55958.03166	55940.84375	505371.9	5408486.9
L5370.0	505371.9	5408485.5	13119.40039	335.91	95.56	48.829325	-86.926805	56053.77	56250.1	-0.06	56053.70	56017.19531	55955.50057	55938.28906	505371.9	5408485.5
L5370.0	505371.9	5408484.5	13119.50000	334.85	94.33	48.829316	-86.926805	56054.04	56250.1	-0.07	56053.98	56017.49609	55955.06561	55937.82422	505371.9	5408484.5
L5370.0	505371.9	5408483.2	13119.59961	334.07	93.99	48.829304	-86.926805	56054.32	56250.1	-0.07	56054.26	56017.79297	55954.27336	55937.00391	505371.9	5408483.2
L5370.0	505372.0	5408481.7	13119.70020	333.46	93.1	48.829291	-86.926805	56054.63	56250.1	-0.07	56054.56	56018.11328	55953.55953	55936.26172	505372.0	5408481.7
L5370.0	505372.0	5408480.3	13119.79981	333.66	93.1	48.829278	-86.926805	56054.98	56250.1	-0.07	56054.91	56018.48438	55953.58257	55936.25781	505372.0	5408480.3
L5370.0	505372.0	5408479.5	13119.90039	335.60	92.23	48.829271	-86.926805	56055.34	56250.1	-0.07	56055.27	56018.86719	55953.43630	55936.08203	505372.0	5408479.5
L5370.0	505372.0	5408478.2	13120.00000	335.43	90.52	48.829259	-86.926805	56055.72	56250.1	-0.07	56055.65	56019.27344	55953.33095	55935.94531	505372.0	5408478.2
L5370.0	505372.0	5408476.8	13120.09961	336.35	90.52	48.829246	-86.926805	56056.12	56250.1	-0.07	56056.05	56019.69922	55953.25547	55935.83594	505372.0	5408476.8
L5370.0	505372.0	5408475.8	13120.20020	337.52	90.52	48.829238	-86.926805	56056.52	56250.1	-0.07	56056.46	56020.13672	55952.97852	55935.52734	505372.0	5408475.8
L5370.0	505372.0	5408474.6	13120.29981	338.21	88.02	48.829227	-86.926805	56057.00	56250.1	-0.06	56056.94	56020.64453	55953.83685	55936.35547	505372.0	5408474.6
L5370.0	505372.0	5408474.6	13120.40039	338.02	86.74	48.829227	-86.926805	56057.51	56250.1	-0.06	56057.45	56021.18750	55954.93407	55937.41797	505372.0	5408474.6
L5370.0	505372.0	5408473.0	13120.50000	336.30	88.89	48.829213	-86.926805	56057.99	56250.1	-0.06	56057.93	56021.69922	55954.92652	55937.37500	505372.0	5408473.0
L5370.0	505372.0	5408471.8	13120.50000	336.30	90.29	48.829202	-86.926805	56058.60	56250.1	-0.06	56058.54	56022.33984	55957.40054	55939.81641	505372.0	5408471.8
L5370.0	505372.0	5408470.2	13120.70020	335.83	90.14	48.829187	-86.926805	56059.14	56250.1	-0.06	56059.08	56022.91406	55957.88171	55940.26172	505372.0	5408470.2
L5370.0	505372.0	5408470.2	13120.79981	335.43	92.13	48.829187	-86.926805	56059.74	56250.1	-0.05	56059.68	56023.55078	55959.28708	55941.62891	505372.0	5408470.2
L5370.0	505372.0	5408468.4	13120.90039	335.81	92.13	48.829171	-86.926805	56060.37	56250.1	-0.05	56060.32	56024.22656	55961.17443	55943.48047	505372.0	5408468.4
L5370.0	505372.0	5408467.2	13121.00000	335.45	90.12	48.829160	-86.926805	56061.02	56250.1	-0.05	56060.97	56024.91406	55962.87508	55945.14453	505372.0	5408467.2
L5370.0	505372.0	5408466.0	13121.09961	335.75	91.79	48.829149	-86.926805	56061.66	56250.1	-0.05	56061.61	56025.59375	55963.94546	55946.17578	505372.0	5408466.0
L5370.0	505372.0	5408464.5	13121.20020	335.38	91.79	48.829136	-86.926805	56062.37	56250.1	-0.05	56062.32	56026.34766	55966.18695	55948.37891	505372.0	5408464.5
L5370.0	505371.9	5408463.2	13121.29981	336.07	92.34	48.829124	-86.926805	56063.05	56250.1	-0.05	56063.00	56027.06641	55967.35492	55949.50781	505371.9	5408463.2
L5370.0	505371.9	5408462.5	13121.40039	337.90	93.14	48.829118	-86.926805	56063.81	56250.1	-0.05	56063.76	56027.87109	55969.92776	55952.04297	505371.9	5408462.5
L5370.0	505371.9	5408461.1	13121.50000	339.04	93.59	48.829105	-86.926806	56064.59	56250.1	-0.05	56064.54	56028.69531	55972.56322	55954.63672	505371.9	5408461.1
L5370.0	505371.9	5408459.4	13121.59961	337.78	93.59	48.829090	-86.926806	56065.38	56250.1	-0.05	56065.33	56029.53125	55975.04309	55957.07422	505371.9	5408459.4
L5370.0	505371.9	5408459.4	13121.70020	336.57	93.94	48.829090	-86.926806	56066.24	56250.1	-0.05	56066.19	56030.43750	55978.72638	55960.71875	505371.9	5408459.4
L5370.0	505371.9	5408458.0	13121.79981	336.42	94.29	48.829078	-86.926806	56067.02	56250.1	-0.05	56066.97	56031.26563	55980.23984	55962.19141	505371.9	5408458.0
L5370.0	505371.9	5408456.6	13121.90039	336.40	94.29	48.829065	-86.926806	56067.86	56250.1	-0.05	56067.81	56032.15625	55982.74804	55964.65625	505371.9	5408456.6
L5370.0	505371.9	5408455.4	13122.00000	336.22	90.94	48.829054	-86.926806	56068.74	56250.1	-0.05	56068.69	56033.08594	55985.81059	55967.67578	505371.9	5408455.4
L5370.0	505371.8	5408454.0	13122.09961	335.81	90.28	48.829042	-86.926807	56069.63	56250.1	-0.05	56069.57	56034.01563	55988.53545	55970.35938	505371.8	5408454.0
L5370.0	505371.8	5408452.9	13122.20020	335.60	92.68	48.829031	-86.926807	56070.49	56250.1	-0.05	56070.44	56034.94141	55990.70750	55972.48828	505371.8	5408452.9
L5370.0	505371.8	5408451.4	13122.29981	335.47	92.01	48.829018	-86.926807	56071.40	56250.1	-0.05	56071.35	56035.90234	55993.46678	55975.20313	505371.8	5408451.4
L5370.0	505371.8	5408450.4	13122.40039	336.84	92.01	48.829009	-86.926807	56072.40	56250.1	-0.05	56072.35	56036.95703	55997.95396	55979.64844	505371.8	5408450.4
L5370.0	505371.8	5408449.3	13122.50000	338.05	92.54	48.828999	-86.926807	56073.32	56250.1	-0.05	56073.27	56037.93359	56000.34059	55981.99219	505371.8	5408449.3
L5370.0	505371.8	5408447.7	13122.50000	338.05	94.49	48.828985	-86.926807	56074.31	56250.1	-0.05	56074.26	56038.98047	56004.02503	55985.63281	505371.8	5408447.7

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5370.0	505371.8	5408446.7	13122.70020	334.78	94.49	48.828976	-86.926807	56075.29	56250.1	-0.05	56075.24	56040.01953	56007.21147	55988.77344	505371.8	5408446.7
L5370.0	505371.8	5408446.7	13122.79981	334.73	92.51	48.828976	-86.926807	56076.23	56250.1	-0.05	56076.18	56041.01953	56009.23289	55990.75000	505371.8	5408446.7
L5370.0	505371.8	5408445.4	13122.90039	335.81	89.57	48.828964	-86.926807	56077.19	56250.1	-0.05	56077.14	56042.03906	56011.45594	55992.92969	505371.8	5408445.4
L5370.0	505371.8	5408444.0	13123.00000	336.00	92.29	48.828951	-86.926807	56078.20	56250.1	-0.05	56078.15	56043.11328	56014.57014	55996.00000	505371.8	5408444.0
L5370.0	505371.8	5408442.5	13123.09961	336.14	92.29	48.828938	-86.926807	56079.24	56250	-0.05	56079.19	56044.21484	56018.13488	55999.51953	505371.8	5408442.5
L5370.0	505371.8	5408441.8	13123.20020	334.91	94.53	48.828931	-86.926807	56080.23	56250	-0.05	56080.18	56045.26953	56020.35376	56001.69531	505371.8	5408441.8
L5370.0	505371.8	5408440.4	13123.29981	334.18	93.87	48.828919	-86.926807	56081.32	56250	-0.04	56081.28	56046.43359	56024.85850	56006.15625	505371.8	5408440.4
L5370.0	505371.8	5408439.0	13123.40039	336.49	93.87	48.828906	-86.926807	56082.32	56250	-0.04	56082.28	56047.50000	56026.91420	56008.16797	505371.8	5408439.0
L5370.0	505371.8	5408439.0	13123.50000	338.70	94.88	48.828906	-86.926807	56083.39	56250	-0.04	56083.35	56048.63672	56030.38096	56011.59375	505371.8	5408439.0
L5370.0	505371.9	5408437.3	13123.59961	338.82	93.49	48.828891	-86.926807	56084.36	56250	-0.04	56084.32	56049.67578	56031.42388	56012.59375	505371.9	5408437.3
L5370.0	505371.9	5408435.9	13123.70020	338.20	93.49	48.828879	-86.926807	56085.43	56250	-0.04	56085.40	56050.82422	56034.81314	56015.94141	505371.9	5408435.9
L5370.0	505371.9	5408434.2	13123.79981	336.91	95.97	48.828863	-86.926807	56086.49	56250	-0.03	56086.46	56051.95703	56037.61762	56018.70313	505371.9	5408434.2
L5370.0	505371.9	5408432.8	13123.90039	336.01	97.82	48.828850	-86.926807	56087.54	56250	-0.03	56087.51	56053.07813	56040.07731	56021.12109	505371.9	5408432.8
L5370.0	505371.9	5408432.8	13124.00000	335.11	98.22	48.828850	-86.926807	56088.57	56250	-0.03	56088.54	56054.17969	56041.97829	56022.98047	505371.9	5408432.8
L5370.0	505371.9	5408431.4	13124.09961	335.91	98.22	48.828838	-86.926807	56089.63	56250	-0.03	56089.60	56055.31641	56044.46963	56025.42969	505371.9	5408431.4
L5370.0	505371.9	5408429.8	13124.20020	336.00	96.88	48.828824	-86.926807	56090.70	56250	-0.04	56090.67	56056.46094	56047.11067	56028.03125	505371.9	5408429.8
L5370.0	505371.9	5408428.6	13124.29981	335.47	92.89	48.828813	-86.926807	56091.71	56250	-0.04	56091.67	56057.53906	56048.09360	56028.97656	505371.9	5408428.6
L5370.0	505371.9	5408427.4	13124.40039	335.88	94.86	48.828802	-86.926807	56092.82	56250	-0.04	56092.78	56058.72656	56051.52903	56032.37109	505371.9	5408427.4
L5370.0	505371.9	5408426.0	13124.50000	339.12	94.86	48.828790	-86.926807	56093.88	56250	-0.04	56093.84	56059.86328	56053.78642	56034.58984	505371.9	5408426.0
L5370.0	505371.9	5408426.0	13124.50000	339.12	94.46	48.828790	-86.926807	56094.92	56250	-0.04	56094.88	56060.98438	56055.55988	56036.32813	505371.9	5408426.0
L5370.0	505371.9	5408424.6	13124.70020	338.67	93.79	48.828777	-86.926807	56095.96	56250.1	-0.05	56095.91	56062.09375	56057.08864	56037.82031	505371.9	5408424.6
L5370.0	505371.9	5408423.1	13124.79981	336.78	96.06	48.828764	-86.926807	56097.07	56250.1	-0.05	56097.02	56063.28516	56060.43987	56041.13672	505371.9	5408423.1
L5370.0	505371.9	5408422.4	13124.90039	336.60	96.06	48.828757	-86.926807	56098.06	56250.1	-0.06	56098.00	56064.35156	56060.82737	56041.48828	505371.9	5408422.4
L5370.0	505371.9	5408420.0	13125.00000	336.61	97.53	48.828736	-86.926807	56099.17	56250.1	-0.06	56099.11	56065.54688	56064.20530	56044.83203	505371.9	5408420.0
L5370.0	505371.9	5408419.6	13125.09961	337.09	97.53	48.828732	-86.926807	56100.16	56250.1	-0.06	56100.10	56066.62109	56064.86743	56045.46484	505371.9	5408419.6
L5370.0	505371.9	5408418.2	13125.20020	336.70	92.49	48.828719	-86.926807	56101.20	56250.1	-0.05	56101.15	56067.75781	56066.94235	56047.50781	505371.9	5408418.2
L5370.0	505371.8	5408416.8	13125.29981	336.25	96.13	48.828707	-86.926807	56102.23	56250	-0.05	56102.18	56068.87500	56068.60918	56049.14453	505371.8	5408416.8
L5370.0	505371.8	5408416.8	13125.40039	335.47	94.83	48.828707	-86.926807	56103.29	56250	-0.04	56103.25	56070.03516	56071.25231	56051.75781	505371.8	5408416.8
L5370.0	505371.8	5408415.4	13125.50000	336.53	95.85	48.828694	-86.926807	56104.28	56250	-0.04	56104.24	56071.11719	56072.13063	56052.60938	505371.8	5408415.4
L5370.0	505371.8	5408414.0	13125.59961	335.44	95.85	48.828681	-86.926807	56105.32	56250	-0.04	56105.28	56072.25000	56074.23218	56054.68359	505371.8	5408414.0
L5370.0	505371.8	5408413.0	13125.70020	336.99	100.91	48.828672	-86.926807	56106.40	56250	-0.03	56106.37	56073.43359	56077.56580	56057.99219	505371.8	5408413.0
L5370.0	505371.8	5408411.5	13125.79981	335.62	100.17	48.828659	-86.926808	56107.37	56250	-0.03	56107.34	56074.50000	56078.23963	56058.64063	505371.8	5408411.5
L5370.0	505371.8	5408410.2	13125.90039	337.56	100.17	48.828647	-86.926808	56108.43	56250	-0.02	56108.40	56075.65234	56081.07822	56061.45703	505371.8	5408410.2
L5370.0	505371.8	5408408.9	13126.00000	337.46	101.22	48.828636	-86.926808	56109.39	56250	-0.02	56109.38	56076.73047	56082.18757	56062.54688	505371.8	5408408.9
L5370.0	505371.8	5408407.5	13126.09961	338.02	95.43	48.828623	-86.926808	56110.35	56250	-0.02	56110.32	56077.76953	56082.49050	56062.82813	505371.8	5408407.5
L5370.0	505371.8	5408407.5	13126.20020	339.29	97.63	48.828623	-86.926808	56111.36	56250	-0.03	56111.34	56078.89063	56084.74908	56065.07031	505371.8	5408407.5
L5370.0	505371.8	5408406.0	13126.29981	338.40	97.63	48.828610	-86.926808	56112.38	56250	-0.03	56112.35	56080.00000	56086.90348	56067.20703	505371.8	5408406.0
L5370.0	505371.8	5408404.9	13126.40039	335.19	100.19	48.828600	-86.926808	56113.31	56250	-0.03	56113.28	56081.03516	56087.34943	56067.63672	505371.8	5408404.9
L5370.0	505371.8	5408403.5	13126.50000	335.68	96.48	48.828587	-86.926808	56114.32	56250	-0.04	56114.29	56082.14844	56089.77240	56070.04688	505371.8	5408403.5
L5370.0	505371.8	5408402.3	13126.50000	335.68	96.31	48.828577	-86.926808	56115.24	56250	-0.04	56115.20	56083.16406	56090.03416	56070.29688	505371.8	5408402.3
L5370.0	505371.8	5408400.9	13126.70020	336.31	96.31	48.828564	-86.926808	56116.20	56250	-0.04	56116.15	56084.22266	56091.36295	56071.61719	505371.8	5408400.9
L5370.0	505371.8	5408399.7	13126.79981	337.17	102.07	48.828553	-86.926808	56117.11	56250	-0.04	56117.06	56085.23828	56091.91876	56072.16406	505371.8	5408399.7
L5370.0	505371.8	5408398.8	13126.90039	337.34	104.29	48.828545	-86.926808	56118.09	56250	-0.05	56118.05	56086.33984	56094.48074	56074.71875	505371.8	5408398.8
L5370.0	505371.8	5408397.3	13127.00000	337.69	104.29	48.828531	-86.926808	56118.95	56250.1	-0.05	56118.89	56087.28906	56093.73105	56073.96484	505371.8	5408397.3
L5370.0	505371.8	5408395.9	13127.09961	336.68	104.89	48.828519	-86.926808	56119.94	56250	-0.05	56119.89	56088.40234	56096.85691	56077.08594	505371.8	5408395.9
L5370.0	505371.8	5408395.9	13127.20020	336.97	105.27	48.828519	-86.926808	56120.77	56250	-0.05	56120.73	56089.35547	56096.43883	56076.66797	505371.8	5408395.9
L5370.0	505371.8	5408394.2	13127.29981	336.71	105.27	48.828503	-86.926808	56121.70	56250	-0.04	56121.66	56090.40234	56098.28832	56078.51953	505371.8	5408394.2
L5370.0	505371.8	5408392.8	13127.40039	336.16	105.21	48.828491	-86.926808	56122.58	56250	-0.04	56122.54	56091.39844	56099.15307	56079.38672	505371.8	5408392.8
L5370.0	505371.8	5408391.3	13127.50000	338.55	105.37	48.828478	-86.926809	56123.47	56250	-0.04	56123.43	56092.40625	56100.43343	56080.67188	505371.8	5408391.3
L5370.0	505371.7	5408389.9	13127.59961	338.58	97.5	48.828465	-86.926809	56124.34	56250	-0.04	56124.31	56093.40625	56101.66560	56081.91016	505371.7	5408389.9
L5370.0	505371.7	5408389.9	13127.70020	337.61	97.5	48.828465	-86.926809	56125.22	56250	-0.04	56125.19	56094.40625	56103.08560	56083.33594	505371.7	5408389.9
L5370.0	505371.7	5408388.2	13127.79981	337.21	97.67	48.828449	-86.926809	56126.09	56250	-0.03	56126.05	56095.39063	56104.23794	56084.50000	505371.7	5408388.2
L5370.0	505371.7	5408386.8	13127.90039	338.78	97.67	48.828437	-86.926809	56126.90	56250	-0.03	56126.87	56096.33594	56104.64062	56084.91406	505371.7	5408386.8
L5370.0	505371.7	5408385.3	13128.00000	339.36	100.98	48.828424	-86.926809	56127.78	56250	-0.03	56127.75	56097.33984	56106.63239	56086.91797	505371.7	5408385.3
L5370.0	505371.7	5408385.3	13128.09961	341.47	97.38	48.828424	-86.926809	56128.59	56250	-0.03	56128.56	56098.27734	56107.17049	56087.47266	505371.7	5408385.3
L5370.0	505371.7	5408383.2	13128.20020	341.34	97.38	48.828405	-86.926809	56129.40	56250	-0.03	56129.37	56099.21484	56107.89513	56088.21484	505371.7	5408383.2
L5370.0	505371.7	5408381.8	13128.29981	340.40	97.13	48.828392	-86.926809	56130.23	56250	-0.03	56130.20	56100.17578	56109.29199	56089.63281	505371.7	5408381.8
L5370.0	505371.7	5408381.8	13128.40039	339.38	97.13	48.828392	-86.926809	56130.99	56250	-0.03	56130.96	56101.06641	56109.24366	56089.60547	505371.7	5408381.8
L5370.0	505371.7	5408380.3	13128.50000	337.43	99.41	48.828379	-86.926810	56131.81	56250	-0.02	56131.78	56102.01953	56110.78719	56091.17188	505371.7	5408380.3
L5370.0	505371.7	5408379.2	13128.50000	337.43	99.41	48.828368	-86.926810	56132.69	56250	-0.02	56132.67	56103.04297	56114.14568	56094.55859	505371.7	5408379.2
L5370.0	505371.7	5408376.8	13128.70020	336.60	101.74	48.828347	-86.926810	56133.42	56250	-0.02	56133.39	56103.90234	56113.72925	56094.16797	505371.7	5408376.8
L5370.0	505371.7	5408376.8	13128.79981	336.20	101.74	48.828347	-86.926810	56134.20	56250	-0.02	56134.18	56104.82813	56115.12319	56095.58984	505371.7	5408376.8
L5370.0	505371.7	5408375.5	13128.90039	336.68	102.54	48.828335	-86.926809	56134.94	56250	-0.02	56134.92	56105.70703	56115.53692	56096.03516	505371.7	5408375.5
L5370.0	505371.7	5408374.6	13129.00000	336.56	102.07	48.828327	-86.926809	56135.72	56250	-0.02	56135.70	56106.62891	56117.05258	56097.58594	505371.7	5408374.6
L5370.0	505371.7	5408373.3	13129.09961	336.41	102.07	48.828315	-86.926809	56136.46	56250	-0.02	56136.44	56107.50781	56117.81677	56098.38672	505371.7	5408373.3
L5370.0	505371.7	5408371.9	13129.20020	337.03	106.34	48.828303	-86.926809	56137.19	56250	-0.02	56137.17	56108.38281	56118.52154	56099.12891	505371.7	5408371.9
L5370.0	505371.7	5408370.5	13129.29981	336.75	108.43	48.828290	-86.926809	56137.92	56250	-0.02	56137.90	56109.25781	56119.39405	56100.03906	505371.7	5408370.5
L5370.0	505371.7	5408368.8	13129.40039	337.51	97.71	48.828275	-86.926809	56138.69	56250	-0.02	56138.67	56110.17188	56121.34922	56102.03516	505371.7	5408368.8
L5370.0	505371.7	5408367.8	13129.50000	335.63	97.71	48.828266	-86.926809	56139.34	56250	-0.01	56139.32	56110.96875	56120.71193	56101.44141	505371.7	5408367.8
L5370.0	505371.7	5408367.8	13129.59961	335.38	97.86	48.828266	-86.926809	56140.05	56250	-0.01	56140.03	56111.82813	56121.61098	56102.38672	505371.7	5408367.8
L5370.0	505371.8	5408366.2	13129.70020	335.37	99.28	48.828251	-86.926809	56140.78	56250	-0.01	56140.77	56112.71875	56123.35416	56104.17578	505371.8	5408366.2
L5370.0	505371.8	5408364.7	13129.79981	335.74	99.28	48.828238	-86.926809	56141.46	56250	-0.01	56141.45	56113.55078	56123.87672	56104.74609	505371.8	5408364.7
L5370.0	505371.8	5408363.8	13129.90039	336.48	104	48.828230	-86.926808	56142.18	56250	-0.01	56142.17	56114.42188	56125.47006	56106.39063	505371.8	5408363.8
L5370.0	505371.8	5408362.5	13130.00000	335.40	108.9	48.828218	-86.926808	56142.81	56250	-0.01	56142.79	56115.19922	56124.91874	56105.89453	505371.8	5408362.5
L5370.0	505371.8	5408361.1	13130.09961	335.77	108.9	48.828206	-86.926808	56143.53	56250	-0.01	56143.52	56116.08203	56127.04575	56108.07422	505371.8	5408361.1
L5370.0	505371.9	5408359.9	13130.20020	337.67	109.19	48.828195	-86.926808	56144.15	56250	-0.02	56144.14	56116.85938	56126.79007	56107.87500	505371.9	5408359.9
L5370.0	505371.9	5408359.0	13130.29981	337.47	108.93	48.828187	-86.926808	56144.88	56250	-0.02	56144.86	56117.73828	56128.99095	56110.13281	505371.9	5408359.0
L5370.0	505371.9	5408357.3	13130.40039	335.55	108.85	48.828172	-86.926807	56145.46	56250	-0.02	56145.43	56118.46484	56127.86945	56109.07031	505371.9	5408357.3
L5370.0	505371.9	5408357.3	13130.50000	338.11	108.85	48.828172	-86.926807	56146.12	56250	-0.03	56146.10	56119.29688	56129.21059	56110.47266	505371.9	5408357.3
L5370.0	505371.9	5408355.9	13130.50000	338.11	109.03	48.828159	-86.926807	56146.70	56250	-0.03	56146.68	56120.03906	56128.60186	56109.92578	505371.9	5408355.9
L5370.0	505371.9	5408354.2	13130.70020	338.49	102.9	48.828144	-86.926807	56147.33	56250	-0.03	56147.30	56120.82031	56129.07104	56110.46094	505371.9	5408354.2
L5370.0	505371.9	5408353.3	13130.79981	339.03	102.9	48.828136	-86.926807	56147.95	56250	-0.03	56147.91	56121.59375	56129.51220	56110.96875	505371.9	5408353.3
L5370.0	505371.9	5408351.9	13130.90039	339.02	101.8	48.828123	-86.926807	56148.52	56250	-0.04	56148.48	56122.32813	56129.16113	56110.68359	505371.9	5408351.9
L5370.0	505371.9	5408351.2	13131.00000	338.94	95.3	48.828117	-86.926807	56149.08	56250	-0.04	56149.04	56123.05469	56128.71813	56110.31250	505371.9	5408351.2
L5370.0	505371.9	5408349.8	13131.09961	337.55	96.62	48.828104	-86.926807	56149.68	56250	-0.04	56149.64	56123.82422	56129.35171	56111.01563	505371.9	5408349.8
L5370.0	505371.9	5408348.6	13131.20020	337.19	96.62	48.828094	-86.926807	56150.30	56250	-0.04	56150.25	56124.60156	56130.35768	56112.09375	505371.9	5408348.6
L5370.0	505371.9	5408347.2	13131.29981	338.75	96.61	48.828081	-86.926807	56150.87	56250	-0.04	56150.83	56125.34766	56130.79778	56112.60547	505371.9	5408347.2
L5370.0	505371.9	5408345.6	13131.40039	338.08	96.78	48.828066	-86.926807	56151.40	56250	-0.04	56151.36	56126.04688	56130.20198	56112.08594	505371.9	5408345.6
L5370.0	505371.9	5408345.6	13131.50000	338.50	107.7	48.828066	-86.926807	56151.96	56250	-0.04	56151.92	56126.77734	56130.44120	56112.40234	505371.9	5408345.6
L5370.0	505371.9	5408344.2	13131.59961	339.19	107.84	48.828054	-86.926807	56152.59	56250	-0.05	56152.54	56127.57031	56132.21595	56114.25391	505371.9	5408344.2
L5370.0	505371.9	5408342.8	13131.70020	339.35	107.84	48.828041	-86.926807	56153.08	56250	-0.05	56153.03	56128.23047	56131.07675	56113.19141	505371.9	5408342.8
L5370.0	505371.9	5408341.5	13131.79981	339.95	107.94	48.828030	-86.926807	56153.66	56250	-0.05	56153.61	56128.98438	56132.17193	56114.36719	505371.9	5408341.5
L5370.0	505371.9	5408340.2	13131.90039	340.29	108.04	48.828017	-86.926808	56154.19	56250	-0.05	56154.14	56129.68750	56132.22256	56114.50000	505371.9	5408340.2

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5370.0	505371.9	5408340.2	13132.00000	339.10	108.04	48.828017	-86.926808	56154.74	56250.1	-0.05	56154.69	56130.41016	56132.86568	56115.22656	505371.9	5408340.2
L5370.0	505371.9	5408337.5	13132.09961	338.81	107.62	48.827994	-86.926808	56155.27	56250.1	-0.05	56155.22	56131.11328	56133.16338	56115.60547	505371.9	5408337.5
L5370.0	505371.8	5408336.3	13132.20020	338.58	101.03	48.827983	-86.926808	56155.84	56250.1	-0.05	56155.79	56131.85938	56134.51867	56117.04688	505371.8	5408336.3
L5370.0	505371.8	5408336.3	13132.29981	339.26	107.42	48.827983	-86.926808	56156.31	56250.1	-0.05	56156.26	56132.50391	56133.65282	56116.26563	505371.8	5408336.3
L5370.0	505371.8	5408334.7	13132.40039	339.60	107.32	48.827968	-86.926808	56156.87	56250.1	-0.05	56156.82	56133.24219	56135.01213	56117.71094	505371.8	5408334.7
L5370.0	505371.8	5408332.8	13132.50000	341.06	107.15	48.827951	-86.926809	56157.35	56250.1	-0.05	56157.30	56133.89453	56134.61566	56117.40234	505371.8	5408332.8
L5370.0	505371.8	5408332.8	13132.50000	341.06	97.53	48.827951	-86.926809	56157.88	56250.1	-0.05	56157.83	56134.60156	56135.50526	56118.38281	505371.8	5408332.8
L5370.0	505371.8	5408331.6	13132.70020	338.12	97.53	48.827940	-86.926809	56158.44	56250.1	-0.05	56158.39	56135.33984	56137.21145	56120.17578	505371.8	5408331.6
L5370.0	505371.8	5408330.2	13132.79981	336.00	102.14	48.827928	-86.926809	56158.86	56250.1	-0.05	56158.81	56135.93359	56135.79289	56118.84766	505371.8	5408330.2
L5370.0	505371.8	5408328.8	13132.90039	335.87	102.25	48.827915	-86.926809	56159.40	56250.1	-0.05	56159.35	56136.64844	56137.32912	56120.47656	505371.8	5408328.8
L5370.0	505371.7	5408327.3	13133.00000	334.80	102.25	48.827902	-86.926810	56159.93	56250.1	-0.05	56159.88	56137.35547	56138.73493	56121.97266	505371.7	5408327.3
L5370.0	505371.7	5408325.9	13133.09961	336.83	93.48	48.827889	-86.926810	56160.39	56250.1	-0.05	56160.33	56137.98047	56138.38870	56121.71875	505371.7	5408325.9
L5370.0	505371.7	5408325.9	13133.20020	334.72	94.72	48.827889	-86.926810	56160.84	56250.1	-0.05	56160.79	56138.61719	56138.38135	56121.80469	505371.7	5408325.9
L5370.0	505371.7	5408324.2	13133.29981	335.83	94.72	48.827874	-86.926810	56161.36	56250.1	-0.06	56161.31	56139.31250	56139.85913	56123.37500	505371.7	5408324.2
L5370.0	505371.7	5408322.5	13133.40039	337.93	97.4	48.827859	-86.926811	56161.81	56250.1	-0.06	56161.75	56139.92969	56139.59430	56123.20313	505371.7	5408322.5
L5370.0	505371.7	5408321.6	13133.50000	337.21	97.95	48.827851	-86.926811	56162.28	56250.1	-0.06	56162.22	56140.57422	56140.11763	56123.82031	505371.7	5408321.6
L5370.0	505371.7	5408321.6	13133.59961	336.21	97.95	48.827851	-86.926811	56162.76	56250.1	-0.06	56162.70	56141.22656	56140.96415	56124.76172	505371.7	5408321.6
L5370.0	505371.7	5408319.9	13133.70020	337.36	100.21	48.827835	-86.926811	56163.22	56250.1	-0.06	56163.15	56141.85156	56141.21854	56125.11328	505371.7	5408319.9
L5370.0	505371.6	5408318.7	13133.79981	336.35	101.34	48.827824	-86.926811	56163.63	56250.1	-0.07	56163.56	56142.43359	56140.65544	56124.64453	505371.6	5408318.7
L5370.0	505371.6	5408317.3	13133.90039	334.51	101.34	48.827811	-86.926811	56164.18	56250.1	-0.07	56164.11	56143.15625	56143.37631	56127.46094	505371.6	5408317.3
L5370.0	505371.6	5408316.4	13134.00000	336.34	100.85	48.827803	-86.926811	56164.56	56250.1	-0.07	56164.49	56143.70703	56142.31876	56126.50000	505371.6	5408316.4
L5370.0	505371.6	5408315.2	13134.09961	335.62	98.92	48.827793	-86.926811	56165.04	56250.1	-0.07	56164.97	56144.35938	56143.63064	56127.90625	505371.6	5408315.2
L5370.0	505371.6	5408313.7	13134.20020	336.03	98.92	48.827780	-86.926811	56165.46	56250.1	-0.07	56165.40	56144.95703	56143.89917	56128.27344	505371.6	5408313.7
L5370.0	505371.6	5408312.2	13134.29981	336.37	99.34	48.827766	-86.926811	56165.88	56250.1	-0.06	56165.81	56145.53906	56143.80769	56128.27734	505371.6	5408312.2
L5370.0	505371.6	5408310.9	13134.40039	336.80	99.34	48.827754	-86.926811	56166.33	56250.1	-0.06	56166.27	56146.16406	56144.94442	56129.51172	505371.6	5408310.9
L5370.0	505371.6	5408309.6	13134.50000	337.80	97.05	48.827743	-86.926811	56166.74	56250.1	-0.06	56166.68	56146.74219	56145.03989	56129.70313	505371.6	5408309.6
L5370.0	505371.6	5408309.6	13134.50000	337.80	95.23	48.827743	-86.926811	56167.21	56250.1	-0.06	56167.15	56147.37500	56146.58719	56131.34766	505371.6	5408309.6
L5370.0	505371.6	5408308.0	13134.59961	336.19	95.23	48.827728	-86.926812	56167.54	56250.1	-0.06	56167.48	56147.87109	56145.05647	56129.91406	505371.6	5408308.0
L5370.0	505371.6	5408306.5	13134.79981	335.31	96.92	48.827715	-86.926812	56168.04	56250.1	-0.05	56167.98	56148.53125	56147.46486	56132.41797	505371.6	5408306.5
L5370.0	505371.6	5408305.1	13134.90039	335.55	98.58	48.827702	-86.926812	56168.40	56250.1	-0.05	56168.35	56149.06250	56147.02307	56132.07422	505371.6	5408305.1
L5370.0	505371.6	5408304.1	13135.00000	336.27	98.28	48.827693	-86.926811	56168.78	56250.1	-0.05	56168.73	56149.60156	56146.89701	56132.04297	505371.6	5408304.1
L5370.0	505371.6	5408302.7	13135.09961	333.90	98.28	48.827681	-86.926811	56169.23	56250.1	-0.05	56169.18	56150.20703	56148.43808	56133.67969	505371.6	5408302.7
L5370.0	505371.6	5408302.7	13135.20020	333.06	97.16	48.827681	-86.926811	56169.62	56250.1	-0.05	56169.57	56150.75391	56148.70965	56134.04688	505371.6	5408302.7
L5370.0	505371.6	5408301.1	13135.29981	333.88	96.27	48.827666	-86.926811	56170.03	56250.1	-0.05	56169.97	56151.30469	56149.29038	56134.72266	505371.6	5408301.1
L5370.0	505371.6	5408299.5	13135.40039	333.45	96.27	48.827652	-86.926811	56170.38	56250.1	-0.05	56170.32	56151.80859	56148.82665	56134.35547	505371.6	5408299.5
L5370.0	505371.7	5408298.1	13135.50000	333.71	96.22	48.827639	-86.926811	56170.81	56250.1	-0.06	56170.75	56152.38672	56150.24738	56135.87109	505371.7	5408298.1
L5370.0	505371.7	5408298.1	13135.59961	336.74	95.73	48.827639	-86.926811	56171.18	56250.1	-0.06	56171.13	56152.91406	56150.62155	56136.33594	505371.7	5408298.1
L5370.0	505371.7	5408296.7	13135.70020	336.83	98.78	48.827626	-86.926811	56171.56	56250.1	-0.06	56171.51	56153.43750	56151.07488	56136.88281	505371.7	5408296.7
L5370.0	505371.7	5408295.2	13135.79981	338.41	98.78	48.827613	-86.926811	56171.92	56250.1	-0.06	56171.86	56153.92969	56150.92987	56136.83203	505371.7	5408295.2
L5370.0	505371.7	5408294.3	13135.90039	339.27	98.31	48.827604	-86.926811	56172.31	56250.1	-0.06	56172.25	56154.46094	56151.76518	56137.76172	505371.7	5408294.3
L5370.0	505371.7	5408292.8	13136.00000	337.33	93.67	48.827591	-86.926811	56172.64	56250.1	-0.06	56172.58	56154.92578	56151.32215	56137.41016	505371.7	5408292.8
L5370.0	505371.7	5408291.3	13136.09961	336.83	93.67	48.827578	-86.926811	56173.03	56250.1	-0.06	56172.97	56155.45313	56152.31222	56138.49219	505371.7	5408291.3
L5370.0	505371.7	5408289.9	13136.20020	335.62	99.16	48.827565	-86.926811	56173.36	56250.1	-0.06	56173.30	56155.91406	56152.01997	56138.28906	505371.7	5408289.9
L5370.0	505371.7	5408288.5	13136.29981	334.27	99.16	48.827552	-86.926811	56173.75	56250.1	-0.06	56173.69	56156.43359	56153.16552	56139.52734	505371.7	5408288.5
L5370.0	505371.7	5408288.5	13136.40039	335.11	98.69	48.827552	-86.926811	56174.09	56250.1	-0.06	56174.04	56156.91016	56153.48079	56139.92969	505371.7	5408288.5
L5370.0	505371.7	5408287.0	13136.50000	334.80	97.35	48.827540	-86.926811	56174.42	56250.1	-0.06	56174.37	56157.35938	56153.41680	56139.95703	505371.7	5408287.0
L5370.0	505371.7	5408285.6	13136.50000	334.80	97.35	48.827526	-86.926811	56174.73	56250.1	-0.06	56174.67	56157.78125	56152.74209	56139.36719	505371.7	5408285.6
L5370.0	505371.7	5408284.1	13136.70020	338.13	99.5	48.827513	-86.926810	56175.13	56250.1	-0.05	56175.07	56158.29688	56154.43155	56141.14453	505371.7	5408284.1
L5370.0	505371.7	5408282.7	13136.79981	338.27	98.95	48.827501	-86.926810	56175.44	56250.1	-0.05	56175.39	56158.73047	56154.36745	56141.16797	505371.7	5408282.7
L5370.0	505371.7	5408282.7	13136.90039	339.43	98.95	48.827501	-86.926810	56175.76	56250.1	-0.05	56175.71	56159.16406	56154.37930	56141.26563	505371.7	5408282.7
L5370.0	505371.7	5408281.1	13137.00000	339.00	99.38	48.827486	-86.926810	56176.07	56250.1	-0.05	56176.02	56159.57813	56154.23695	56141.20703	505371.7	5408281.1
L5370.0	505371.8	5408279.4	13137.09961	337.89	98.73	48.827471	-86.926810	56176.44	56250.1	-0.05	56176.39	56160.05078	56155.55868	56142.61328	505371.8	5408279.4
L5370.0	505371.8	5408279.4	13137.20020	337.61	98.73	48.827471	-86.926810	56176.70	56250.1	-0.05	56176.64	56160.40234	56154.18085	56141.32031	505371.8	5408279.4
L5370.0	505371.8	5408278.0	13137.29981	337.25	99.74	48.827458	-86.926810	56177.06	56250.1	-0.06	56177.00	56160.85938	56155.42867	56142.64844	505371.8	5408278.0
L5370.0	505371.8	5408276.6	13137.40039	337.32	98	48.827445	-86.926810	56177.31	56250.1	-0.06	56177.25	56161.20313	56154.19613	56141.49609	505371.8	5408276.6
L5370.0	505371.7	5408275.0	13137.50000	338.26	98	48.827431	-86.926810	56177.64	56250.1	-0.06	56177.58	56161.62109	56154.90037	56142.28125	505371.7	5408275.0
L5370.0	505371.7	5408274.2	13137.59961	337.56	97.15	48.827424	-86.926810	56177.92	56250.1	-0.06	56177.86	56161.98438	56154.51351	56141.97266	505371.7	5408274.2
L5370.0	505371.8	5408272.6	13137.70020	336.69	98.9	48.827410	-86.926810	56178.26	56250.1	-0.06	56178.19	56162.39453	56155.38708	56142.92578	505371.8	5408272.6
L5370.0	505371.8	5408272.6	13137.79981	335.96	98.9	48.827410	-86.926810	56178.53	56250.1	-0.07	56178.46	56162.74219	56154.95981	56142.57422	505371.8	5408272.6
L5370.0	505371.8	5408270.0	13137.90039	338.38	99.53	48.827386	-86.926810	56178.79	56250.1	-0.07	56178.72	56163.07422	56154.37083	56142.06250	505371.8	5408270.0
L5370.0	505371.8	5408270.0	13138.00000	338.35	100.7	48.827386	-86.926810	56179.14	56250.1	-0.07	56179.07	56163.49609	56155.96032	56143.72656	505371.8	5408270.0
L5370.0	505371.8	5408268.3	13138.09961	338.90	101.21	48.827371	-86.926810	56179.40	56250.1	-0.07	56179.33	56163.82031	56155.51389	56143.35156	505371.8	5408268.3
L5370.0	505371.8	5408266.9	13138.20020	338.21	101.21	48.827358	-86.926810	56179.66	56250.1	-0.07	56179.59	56164.14063	56155.13763	56143.05078	505371.8	5408266.9
L5370.0	505371.8	5408266.9	13138.29981	338.15	97.1	48.827358	-86.926810	56179.91	56250.1	-0.07	56179.84	56164.44531	56154.59667	56142.58203	505371.8	5408266.9
L5370.0	505371.8	5408264.3	13138.40039	337.79	97.1	48.827335	-86.926810	56180.24	56250.1	-0.07	56180.17	56164.82813	56155.99710	56144.05078	505371.8	5408264.3
L5370.0	505371.8	5408263.1	13138.50000	337.32	100.9	48.827324	-86.926810	56180.47	56250.1	-0.07	56180.39	56165.09375	56154.89041	56143.01172	505371.8	5408263.1
L5370.0	505371.8	5408263.1	13138.50000	337.32	96.63	48.827324	-86.926810	56180.77	56250.1	-0.07	56180.70	56165.44922	56155.95766	56144.14844	505371.8	5408263.1
L5370.0	505371.8	5408261.6	13138.70020	338.85	96.63	48.827311	-86.926810	56181.04	56250.1	-0.08	56180.97	56165.75391	56156.15488	56144.41406	505371.8	5408261.6
L5370.0	505371.8	5408260.0	13138.79981	337.57	98.92	48.827296	-86.926810	56181.28	56250.1	-0.08	56181.20	56166.01953	56155.48128	56143.80469	505371.8	5408260.0
L5370.0	505371.8	5408258.8	13138.90039	338.88	99.65	48.827285	-86.926810	56181.55	56250.1	-0.08	56181.47	56166.32031	56155.80881	56144.19531	505371.8	5408258.8
L5370.0	505371.8	5408257.6	13139.00000	339.38	97.31	48.827275	-86.926810	56181.79	56250.1	-0.08	56181.71	56166.58203	56155.49804	56143.94922	505371.8	5408257.6
L5370.0	505371.8	5408256.4	13139.09961	338.52	97.31	48.827264	-86.926810	56182.06	56250.1	-0.08	56181.98	56166.87109	56155.95270	56144.46484	505371.8	5408256.4
L5370.0	505371.8	5408256.4	13139.20020	338.01	91.64	48.827264	-86.926810	56182.32	56250.1	-0.08	56182.24	56167.14844	56156.23562	56144.80859	505371.8	5408256.4
L5370.0	505371.8	5408254.7	13139.29981	337.53	102.9	48.827248	-86.926811	56182.54	56250.1	-0.07	56182.46	56167.37891	56155.69038	56144.32422	505371.8	5408254.7
L5370.0	505371.8	5408253.5	13139.40039	338.73	102.9	48.827238	-86.926811	56182.78	56250.1	-0.07	56182.71	56167.63281	56155.92655	56144.61719	505371.8	5408253.5
L5370.0	505371.7	5408252.1	13139.50000	338.14	103.58	48.827225	-86.926811	56183.00	56250.1	-0.07	56182.93	56167.85547	56155.52296	56144.26953	505371.7	5408252.1
L5370.0	505371.7	5408250.7	13139.59961	334.77	103.58	48.827212	-86.926811	56183.32	56250.1	-0.07	56183.25	56168.17188	56157.49800	56146.30078	505371.7	5408250.7
L5370.0	505371.7	5408249.0	13139.70020	333.73	96.13	48.827197	-86.926811	56183.51	56250.1	-0.07	56183.44	56168.35156	56156.50543	56145.36328	505371.7	5408249.0
L5370.0	505371.7	5408248.0	13139.79981	333.90	96.13	48.827189	-86.926811	56183.76	56250.1	-0.06	56183.69	56168.58594	56156.95394	56145.86328	505371.7	5408248.0
L5370.0	505371.7	5408247.0	13139.90039	332.52	92.58	48.827180	-86.926811	56183.98	56250.1	-0.06	56183.92	56168.79688	56156.98585	56145.94922	505371.7	5408247.0
L5370.0	505371.7	5408245.2	13140.00000	334.10	92.58	48.827163	-86.926811	56184.21	56250.1	-0.06	56184.15	56169.00391	56157.06230	56146.07422	505371.7	5408245.2
L5370.0	505371.7	5408245.2	13140.09961	335.50	101.76	48.827163	-86.926811	56184.47	56250.1	-0.06	56184.41	56169.23438	56157.87324	56146.93359	505371.7	5408245.2
L5370.0	505371.7	5408243.7	13140.20020	335.49	102.78	48.827150	-86.926811	56184.66	56250.1	-0.06	56184.60	56169.39063	56157.10979	56146.21875	505371.7	5408243.7
L5370.0	505371.8	5408242.1	13140.29981	336.40	102.78	48.827135	-86.926811	56184.92	56250.1	-0.07	56184.85	56169.60547	56157.77051	56146.92578	505371.8	5408242.1
L5370.0	505371.8	5408240.9	13140.40039	335.05	104.62	48.827125	-86.926811	56185.12	56250.1	-0.07	56185.05	56169.76172	56157.31587	56146.51953	505371.8	5408240.9
L5370.0	505371.8	5408239.2	13140.50000	335.48	105.54	48.827110	-86.926811	56185.34	56250.1	-0.07	56185.27	56169.93359	56157.36136	56146.60938	505371.8	5408239.2
L5370.0	505371.8	5408238.2	13140.50000	335.48	105.54	48.827101	-86.926811	56185.53	56250.1	-0.07	56185.46	56170.07031	56156.75007	56146.03906	505371.8	5408238.2
L5370.0	505371.8	5408237.1	13140.70020	335.75	105.37	48.827090	-86.926811	56185.81	56250.1	-0.07	56185.74	56170.28906	56158.26445	56147.59766	505371.8	5408237.1
L5370.0	505371.8	5408237.1	13140.79981	337.49	103.83	48.827090	-86.926811	56185.98	56250.1	-0.08	56185.90	56170.38672	56157.03236	56146.40234	505371.8	5408237.1
L5370.0	505371.8	5408235.4	13140.90039	337.53	106.68	48.827075	-86.926811	56186.23	56250.1	-0.08	56186.15	56170.57031	56157.93361	56147.34375	505371.8	5408235.4
L5370.0	505371.8	5408235.4	13141.00000	338.91	106.68	48.827075	-86.926811	56186.39	56250.1	-0.08	56186.31	56170.65625	56156.77623	56146.22656	505371.8	5408235.4
L5370.0	505371.8	5408233.7	13141.09961	340.96	106.68	48.827060	-86.926810	56186.62	56250.1	-0.08	56186.54	56170.80859	56157.35001	56146.83594	505371.8	5408233.7
L5370.0	505371.8	5408232.5	13141.20020	339.42	107.17	48.827049	-86.926810	56186.86	56250.1	-0.08	56186.78	56170.96484	56158.23187	56147.75391	505371.8	5408232.5

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5370.0	505371.8	5408231.1	13141.29981	339.49	103.61	48.827036	-86.926810	56187.02	56250.1	-0.08	56186.95	56171.04688	56157.51907	56147.07422	505371.8	5408231.1
L5370.0	505371.8	5408229.9	13141.40039	339.24	99.76	48.827026	-86.926810	56187.20	56250.1	-0.08	56187.13	56171.13672	56157.08344	56146.67188	505371.8	5408229.9
L5370.0	505371.8	5408228.7	13141.50000	339.11	99.76	48.827015	-86.926810	56187.44	56250.1	-0.07	56187.37	56171.27734	56158.09452	56147.71484	505371.8	5408228.7
L5370.0	505371.8	5408227.3	13141.59961	338.32	103.23	48.827002	-86.926810	56187.63	56250.1	-0.07	56187.55	56171.35547	56157.74229	56147.39453	505371.8	5408227.3
L5370.0	505371.8	5408226.1	13141.70020	338.50	106.92	48.826991	-86.926810	56187.79	56250.1	-0.07	56187.71	56171.41016	56156.96220	56146.64453	505371.8	5408226.1
L5370.0	505371.8	5408224.8	13141.79981	339.39	96.45	48.826980	-86.926810	56188.06	56250.1	-0.07	56187.98	56171.57031	56158.79654	56148.50781	505371.8	5408224.8
L5370.0	505371.8	5408224.8	13141.90039	339.05	94.22	48.826980	-86.926810	56188.21	56250.1	-0.07	56188.14	56171.61328	56158.09437	56147.83203	505371.8	5408224.8
L5370.0	505371.9	5408222.9	13142.00000	338.14	94.22	48.826963	-86.926809	56188.44	56250.1	-0.07	56188.37	56171.72266	56159.06843	56148.83203	505371.9	5408222.9
L5370.0	505371.9	5408221.3	13142.09961	337.15	104	48.826948	-86.926809	56188.59	56250.1	-0.07	56188.51	56171.73828	56157.97235	56147.76172	505371.9	5408221.3
L5370.0	505371.9	5408220.5	13142.20020	335.45	107.15	48.826941	-86.926809	56188.79	56250.1	-0.07	56188.71	56171.80859	56158.31660	56148.12891	505371.9	5408220.5
L5370.0	505371.9	5408219.0	13142.29981	336.30	107.05	48.826928	-86.926809	56188.96	56250.1	-0.08	56188.89	56171.85547	56158.29719	56148.13281	505371.9	5408219.0
L5370.0	505371.9	5408217.4	13142.40039	338.47	107.05	48.826913	-86.926809	56189.15	56250.1	-0.08	56189.07	56171.89844	56158.37201	56148.23047	505371.9	5408217.4
L5370.0	505371.9	5408217.4	13142.50000	338.31	108.41	48.826913	-86.926809	56189.32	56250.1	-0.08	56189.24	56171.92578	56158.25158	56148.13281	505371.9	5408217.4
L5370.0	505371.9	5408216.0	13142.50000	338.31	108.41	48.826900	-86.926809	56189.56	56250.1	-0.08	56189.47	56172.00781	56159.54744	56149.44531	505371.9	5408216.0
L5370.0	505371.9	5408214.5	13142.70020	339.11	109.53	48.826887	-86.926809	56189.68	56250.1	-0.08	56189.60	56171.98828	56158.55863	56148.47656	505371.9	5408214.5
L5370.0	505371.9	5408213.0	13142.79981	337.13	111.64	48.826873	-86.926809	56189.92	56250.1	-0.09	56189.84	56172.07422	56160.11690	56150.05469	505371.9	5408213.0
L5370.0	505371.9	5408211.5	13142.90039	336.79	111.64	48.826860	-86.926808	56190.06	56250.1	-0.09	56189.97	56172.04297	56159.16796	56149.12109	505371.9	5408211.5
L5370.0	505371.9	5408211.5	13143.00000	336.07	112.13	48.826860	-86.926808	56190.25	56250.1	-0.09	56190.16	56172.07031	56159.60336	56149.57422	505371.9	5408211.5
L5370.0	505372.0	5408209.9	13143.09961	335.13	112.13	48.826846	-86.926808	56190.42	56250.1	-0.09	56190.33	56172.07422	56159.59033	56149.57422	505372.0	5408209.9
L5370.0	505372.0	5408208.7	13143.20020	333.39	107.11	48.826834	-86.926808	56190.61	56250.1	-0.09	56190.52	56172.09375	56160.03739	56150.03906	505372.0	5408208.7
L5370.0	505372.0	5408207.2	13143.29981	332.39	108.38	48.826821	-86.926808	56190.73	56250.1	-0.08	56190.65	56172.05078	56159.12397	56149.13672	505372.0	5408207.2
L5370.0	505372.0	5408205.8	13143.40039	332.77	107.01	48.826809	-86.926808	56190.95	56250.1	-0.08	56190.87	56172.09375	56160.25710	56150.28125	505372.0	5408205.8
L5370.0	505372.0	5408204.8	13143.50000	334.61	107.01	48.826800	-86.926808	56191.12	56250.1	-0.08	56191.04	56172.08203	56160.25515	56150.29297	505372.0	5408204.8
L5370.0	505372.0	5408204.8	13143.59961	335.53	110.1	48.826800	-86.926808	56191.24	56250.1	-0.08	56191.16	56172.01563	56159.11525	56149.16406	505372.0	5408204.8
L5370.0	505372.0	5408202.7	13143.70020	334.39	110.1	48.826780	-86.926808	56191.42	56250.1	-0.08	56191.34	56172.00781	56159.34222	56149.40234	505372.0	5408202.7
L5370.0	505372.0	5408201.4	13143.79981	335.81	111.03	48.826769	-86.926808	56191.60	56250.1	-0.07	56191.52	56171.99609	56159.57294	56149.64063	505372.0	5408201.4
L5370.0	505372.0	5408200.0	13143.90039	337.50	111.03	48.826756	-86.926808	56191.81	56250.1	-0.07	56191.73	56172.01172	56160.49857	56150.57813	505372.0	5408200.0
L5370.0	505372.0	5408198.7	13144.00000	339.47	113.06	48.826745	-86.926808	56191.92	56250.1	-0.07	56191.85	56171.93750	56159.36102	56149.44531	505372.0	5408198.7
L5370.0	505372.0	5408197.5	13144.09961	338.61	114.06	48.826734	-86.926808	56192.08	56250.1	-0.07	56192.01	56171.89453	56159.14903	56149.24219	505372.0	5408197.5
L5370.0	505372.0	5408197.5	13144.20020	337.79	117.1	48.826734	-86.926808	56192.23	56250.1	-0.07	56192.16	56171.84375	56158.71364	56148.81250	505372.0	5408197.5
L5370.0	505372.0	5408196.1	13144.29981	339.06	117.1	48.826721	-86.926807	56192.39	56250.1	-0.08	56192.31	56171.78516	56158.29024	56148.39453	505372.0	5408196.1
L5370.0	505372.0	5408194.7	13144.40039	338.60	111.47	48.826709	-86.926807	56192.56	56250.1	-0.08	56192.48	56171.74609	56158.41131	56148.52344	505372.0	5408194.7
L5370.0	505372.1	5408193.0	13144.50000	337.87	111.41	48.826693	-86.926807	56192.74	56250.1	-0.08	56192.66	56171.71484	56158.86975	56148.98828	505372.1	5408193.0
L5370.0	505372.1	5408193.0	13144.50000	337.87	111.41	48.826693	-86.926807	56192.86	56250.1	-0.08	56192.78	56171.62109	56157.93892	56148.05859	505372.1	5408193.0
L5370.0	505372.1	5408191.4	13144.59961	336.91	111.41	48.826679	-86.926807	56193.05	56250.1	-0.08	56192.97	56171.59375	56158.66118	56148.78516	505372.1	5408191.4
L5370.0	505372.1	5408190.1	13144.79981	339.32	111.65	48.826668	-86.926807	56193.14	56250.1	-0.09	56193.06	56171.46484	56157.05616	56147.18359	505372.1	5408190.1
L5370.0	505372.1	5408188.5	13144.90039	340.67	110.45	48.826653	-86.926807	56193.38	56250.1	-0.09	56193.29	56171.47656	56158.74122	56148.87109	505372.1	5408188.5
L5370.0	505372.1	5408187.2	13145.00000	339.71	110.45	48.826642	-86.926807	56193.52	56250.1	-0.09	56193.43	56171.39453	56158.33143	56148.46484	505372.1	5408187.2
L5370.0	505372.1	5408185.6	13145.09961	339.56	113.19	48.826627	-86.926806	56193.64	56250.1	-0.09	56193.56	56171.29688	56157.69869	56147.83203	505372.1	5408185.6
L5370.0	505372.1	5408185.6	13145.20020	338.88	113.98	48.826627	-86.926806	56193.80	56250.1	-0.09	56193.71	56171.22266	56157.54441	56147.67969	505372.1	5408185.6
L5370.0	505372.1	5408183.9	13145.29981	339.15	115.38	48.826612	-86.926806	56193.97	56250.1	-0.09	56193.89	56171.17188	56158.10184	56148.23828	505372.1	5408183.9
L5370.0	505372.1	5408182.9	13145.40039	339.94	115.38	48.826603	-86.926806	56194.12	56250.1	-0.09	56194.03	56171.08203	56157.73147	56147.87109	505372.1	5408182.9
L5370.0	505372.1	5408181.4	13145.50000	338.11	118.06	48.826589	-86.926806	56194.28	56250.1	-0.08	56194.19	56171.01172	56157.83698	56147.97656	505372.1	5408181.4
L5370.0	505372.2	5408180.5	13145.59961	337.40	119.77	48.826581	-86.926806	56194.43	56250.1	-0.08	56194.35	56170.93750	56157.94928	56148.08594	505372.2	5408180.5
L5370.0	505372.2	5408178.9	13145.70020	336.82	119.77	48.826566	-86.926806	56194.57	56250.1	-0.08	56194.49	56170.84375	56157.60840	56147.74609	505372.2	5408178.9
L5370.0	505372.2	5408178.9	13145.79981	338.27	119.81	48.826566	-86.926806	56194.71	56250.1	-0.08	56194.63	56170.75000	56157.40638	56147.54297	505372.2	5408178.9
L5370.0	505372.2	5408177.3	13145.90039	337.78	112.91	48.826552	-86.926806	56194.86	56250.1	-0.08	56194.78	56170.66406	56157.44434	56147.58203	505372.2	5408177.3
L5370.0	505372.2	5408176.1	13146.00000	336.89	112.91	48.826542	-86.926806	56195.02	56250.1	-0.08	56194.94	56170.58594	56157.71463	56147.84766	505372.2	5408176.1
L5370.0	505372.2	5408174.3	13146.09961	334.98	108.53	48.826525	-86.926805	56195.17	56250.1	-0.08	56195.09	56170.49609	56157.74942	56147.88281	505372.2	5408174.3
L5370.0	505372.2	5408172.8	13146.20020	334.69	108.53	48.826512	-86.926805	56195.36	56250.1	-0.08	56195.28	56170.44922	56158.69697	56148.82813	505372.2	5408172.8
L5370.0	505372.2	5408171.3	13146.29981	336.57	108.53	48.826499	-86.926805	56195.47	56250.1	-0.08	56195.39	56170.31641	56157.79378	56147.92188	505372.2	5408171.3
L5370.0	505372.2	5408171.3	13146.40039	335.74	108.53	48.826499	-86.926805	56195.65	56250.1	-0.08	56195.57	56170.25781	56158.48252	56148.60938	505372.2	5408171.3
L5370.0	505372.2	5408169.9	13146.50000	334.58	108.9	48.826485	-86.926805	56195.74	56250.1	-0.08	56195.66	56170.10938	56157.09728	56147.22266	505372.2	5408169.9
L5370.0	505372.2	5408168.7	13146.50000	334.58	108.9	48.826475	-86.926805	56195.92	56250.1	-0.08	56195.84	56170.04688	56157.75067	56147.87109	505372.2	5408168.7
L5370.0	505372.3	5408167.0	13146.70020	332.99	113.2	48.826459	-86.926805	56196.06	56250.1	-0.08	56195.98	56169.94531	56157.47077	56147.58984	505372.3	5408167.0
L5370.0	505372.3	5408165.5	13146.79981	334.05	115.89	48.826447	-86.926805	56196.22	56250.1	-0.08	56196.14	56169.86328	56157.62261	56147.73828	505372.3	5408165.5
L5370.0	505372.3	5408165.5	13146.90039	336.06	115.89	48.826447	-86.926805	56196.34	56250.1	-0.08	56196.26	56169.74219	56156.83960	56146.95313	505372.3	5408165.5
L5370.0	505372.3	5408164.1	13147.00000	336.21	115.89	48.826434	-86.926805	56196.50	56250.1	-0.08	56196.42	56169.66406	56156.93760	56147.04688	505372.3	5408164.1
L5370.0	505372.3	5408162.7	13147.09961	335.37	115.89	48.826421	-86.926805	56196.68	56250.1	-0.08	56196.60	56169.60156	56157.46128	56147.57031	505372.3	5408162.7
L5370.0	505372.3	5408161.3	13147.20020	335.48	115.89	48.826408	-86.926805	56196.84	56250.1	-0.08	56196.75	56169.51172	56157.27394	56147.37891	505372.3	5408161.3
L5370.0	505372.3	5408159.8	13147.29981	336.63	115.89	48.826395	-86.926804	56196.96	56250.1	-0.08	56196.87	56169.39063	56156.37394	56146.47266	505372.3	5408159.8
L5370.0	505372.3	5408159.8	13147.40039	338.58	115.89	48.826395	-86.926804	56197.14	56250.1	-0.08	56197.06	56169.33984	56157.04301	56147.14063	505372.3	5408159.8
L5370.0	505372.3	5408158.3	13147.50000	336.75	115.89	48.826382	-86.926804	56197.29	56250.1	-0.08	56197.20	56169.24219	56156.54508	56146.64063	505372.3	5408158.3
L5370.0	505372.3	5408156.9	13147.59961	337.53	115.89	48.826369	-86.926804	56197.42	56250.1	-0.09	56197.33	56169.13281	56155.79256	56145.88281	505372.3	5408156.9
L5370.0	505372.3	5408155.7	13147.70020	338.22	115.89	48.826358	-86.926804	56197.59	56250.1	-0.09	56197.51	56169.07813	56156.16533	56146.25391	505372.3	5408155.7
L5370.0	505372.3	5408154.0	13147.79981	337.00	115.89	48.826342	-86.926804	56197.72	56250.1	-0.09	56197.64	56168.97266	56155.36996	56145.45313	505372.3	5408154.0
L5370.0	505372.3	5408153.0	13147.90039	335.88	115.89	48.826334	-86.926804	56197.84	56250.1	-0.09	56197.75	56168.84375	56154.09401	56144.17578	505372.3	5408153.0
L5370.0	505372.3	5408151.6	13148.00000	335.99	115.89	48.826321	-86.926804	56198.03	56250.1	-0.09	56197.94	56168.80078	56154.64892	56144.72656	505372.3	5408151.6
L5370.0	505372.3	5408151.6	13148.09961	334.57	115.89	48.826321	-86.926804	56198.20	56250.1	-0.09	56198.11	56168.73828	56154.72972	56144.80078	505372.3	5408151.6
L5370.0	505372.3	5408150.1	13148.20020	335.80	115.89	48.826308	-86.926805	56198.34	56250.1	-0.09	56198.24	56168.63672	56153.87209	56143.94141	505372.3	5408150.1
L5370.0	505372.3	5408148.7	13148.29981	335.59	115.89	48.826295	-86.926805	56198.55	56250.1	-0.09	56198.45	56168.61719	56154.85755	56144.92188	505372.3	5408148.7
L5370.0	505372.3	5408148.7	13148.40039	337.74	115.89	48.826295	-86.926805	56198.68	56250.1	-0.09	56198.58	56168.51563	56153.97833	56144.03906	505372.3	5408148.7
L5370.0	505372.3	5408146.7	13148.50000	338.80	115.89	48.826277	-86.926805	56198.84	56250.1	-0.10	56198.74	56168.44922	56153.78131	56143.83984	505372.3	5408146.7
L5370.0	505372.3	5408144.3	13148.50000	338.80	115.89	48.826255	-86.926805	56198.98	56250.1	-0.10	56198.88	56168.36328	56153.10351	56143.16016	505372.3	5408144.3
L5370.0	505372.3	5408143.1	13148.70020	339.04	115.89	48.826244	-86.926805	56199.20	56250.1	-0.10	56199.10	56168.35938	56154.25447	56144.30469	505372.3	5408143.1
L5370.0	505372.3	5408143.1	13148.79981	338.30	115.89	48.826244	-86.926805	56199.39	56250.1	-0.10	56199.29	56168.32813	56154.67890	56144.72656	505372.3	5408143.1
L5370.0	505372.3	5408141.8	13148.90039	337.94	130	48.826233	-86.926805	56199.56	56250.1	-0.10	56199.46	56168.27734	56154.60285	56144.64844	505372.3	5408141.8
L5370.0	505372.3	5408139.4	13149.00000	337.35	130	48.826211	-86.926805	56199.72	56250.1	-0.10	56199.62	56168.21875	56154.25231	56144.29297	505372.3	5408139.4
L5370.0	505372.3	5408139.4	13149.09961	337.23	130	48.826211	-86.926805	56199.87	56250.1	-0.10	56199.77	56168.15234	56153.62299	56143.66016	505372.3	5408139.4
L5370.0	505372.3	5408137.5	13149.20020	336.74	130	48.826194	-86.926804	56200.18	56250.1	-0.10	56200.08	56168.25000	56156.61803	56146.65234	505372.3	5408137.5
L5370.0	505372.3	5408136.0	13149.29981	329.25	130	48.826181	-86.926804	56200.27	56250.1	-0.10	56200.18	56168.13672	56154.72577	56144.75781	505372.3	5408136.0
L5370.0	505372.3	5408136.0	13149.40039	329.28	130	48.826181	-86.926804	56200.48	56250.1	-0.10	56200.38	56168.12500	56155.06679	56145.09375	505372.3	5408136.0
L5370.0	505372.4	5408133.2	13149.50000	334.79	130	48.826155	-86.926804	56200.68	56250.1	-0.10	56200.59	56168.12891	56155.56725	56145.59375	505372.4	5408133.2
L5370.0	505372.4	5408133.2	13149.59961	335.81	130	48.826155	-86.926804	56200.86	56250.1	-0.09	56200.76	56168.09375	56155.07874	56145.10156	505372.4	5408133.2
L5370.0	505372.4	5408131.7	13149.70020	336.66	130	48.826142	-86.926803	56201.02	56250.1	-0.09	56200.93	56168.05859	56154.51178	56144.53125	505372.4	5408131.7
L5370.0	505372.4	5408131.7	13149.79981	336.70	130	48.826142	-86.926803	56201.27	56250.1	-0.09	56201.17	56168.10156	56155.46135	56145.47656	505372.4	5408131.7
L5370.0	505372.4	5408129.8	13149.90039	334.99	130	48.826125	-86.926803	56201.43	56250.1	-0.09	56201.34	56168.07031	56154.71639	56144.72656	505372.4	5408129.8
L5370.0	505372.4	5408128.1	13150.00000	335.51	130	48.826109	-86.926803	56201.65	56250.1	-0.09	56201.56	56168.09766	56155.01652	56145.02344	505372.4	5408128.1
L5370.0	505372.4	5408126.4	13150.09961	335.33	130	48.826095	-86.926803	56201.86	56250.1	-0.09	56201.77	56168.11328	56154.98344	56144.98828	505372.4	5408126.4
L5370.0	505372.4	5408125.0	13150.20020	336.44	130	48.826082	-86.926803	56202.07	56250.1	-0.09	56201.98	56168.13281	56154.84312	56144.84375	505372.4	5408125.0
L5370.0	505372.4	5408125.0	13150.29981	337.48	130	48.826082	-86.926803	56202.34	56250.1	-0.09	56202.25	56168.21484	56155.97419	56145.96875	505372.4	5408125.0
L5370.0	505372.4	5408123.9	13150.40039	337.18	130	48.826072	-86.926803	56202.60	56250.1	-0.09	56202.52	56168.30078	56156.99916	56146.98828	505372.4	5408123.9
L5370.0	505372.4	5408123.9	13150.50000	337.12	122.43	48.826072	-86.926803	56202.78	56250.1	-0.08	56202.69	56168.28906	56155.60054	56145.58594	505372.4	5408123.9

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5370.0	505372.4	5408120.3	13150.50000	337.12	122.43	48.826039	-86.926803	56203.04	56250.1	-0.08	56202.95	56168.36719	56156.16968	56146.15234	505372.4	5408120.3
L5370.0	505372.4	5408120.3	13150.70020	338.52	115.84	48.826039	-86.926803	56203.26	56250.1	-0.08	56203.18	56168.42188	56155.92757	56145.90625	505372.4	5408120.3
L5370.0	505372.4	5408118.8	13150.79981	339.01	115.84	48.826026	-86.926803	56203.41	56250.1	-0.08	56203.33	56168.39844	56153.69563	56143.66797	505372.4	5408118.8
L5370.0	505372.4	5408117.2	13150.90039	339.50	116.09	48.826012	-86.926803	56203.66	56250.1	-0.08	56203.58	56168.47656	56153.84185	56143.80859	505372.4	5408117.2
L5370.0	505372.4	5408117.2	13151.00000	337.80	115.68	48.826012	-86.926803	56203.82	56250.1	-0.08	56203.74	56168.46875	56151.78757	56141.75000	505372.4	5408117.2
L5370.0	505372.4	5408114.5	13151.09961	337.86	115.68	48.825988	-86.926804	56204.10	56250.1	-0.08	56204.02	56168.58594	56152.42087	56142.37500	505372.4	5408114.5
L5370.0	505372.4	5408114.5	13151.20020	336.85	115.78	48.825988	-86.926804	56204.29	56250.1	-0.08	56204.20	56168.60156	56150.58748	56140.53516	505372.4	5408114.5
L5370.0	505372.4	5408112.8	13151.29981	335.12	115.99	48.825972	-86.926804	56204.56	56250.1	-0.09	56204.47	56168.71484	56150.73083	56140.67188	505372.4	5408112.8
L5370.0	505372.3	5408111.5	13151.40039	335.78	115.99	48.825960	-86.926804	56204.80	56250.1	-0.09	56204.71	56168.79688	56150.03748	56139.97266	505372.3	5408111.5
L5370.0	505372.3	5408110.0	13151.50000	336.41	116.63	48.825947	-86.926805	56205.06	56250.1	-0.09	56204.97	56168.90625	56149.67352	56139.60156	505372.3	5408110.0
L5370.0	505372.3	5408110.0	13151.59961	338.73	117.21	48.825947	-86.926805	56205.33	56250.1	-0.09	56205.24	56169.02344	56149.40049	56139.32031	505372.3	5408110.0
L5370.0	505372.3	5408108.2	13151.70020	339.60	117.21	48.825930	-86.926805	56205.56	56250.1	-0.09	56205.47	56169.10547	56148.04352	56137.95703	505372.3	5408108.2
L5370.0	505372.2	5408106.7	13151.79981	339.58	117.21	48.825917	-86.926806	56205.84	56250.1	-0.10	56205.74	56169.23438	56147.47093	56137.37500	505372.2	5408106.7
L5370.0	505372.2	5408105.5	13151.90039	338.44	117.21	48.825907	-86.926806	56206.09	56250.1	-0.10	56206.00	56169.35156	56146.50785	56136.40234	505372.2	5408105.5
L5370.0	505372.2	5408105.5	13152.00000	340.03	117.29	48.825907	-86.926806	56206.47	56250.1	-0.10	56206.37	56169.58203	56147.95897	56137.84375	505372.2	5408105.5
L5370.0	505372.2	5408104.3	13152.09961	339.16	117.03	48.825895	-86.926807	56206.70	56250.1	-0.10	56206.60	56169.67969	56145.96760	56135.84375	505372.2	5408104.3
L5370.0	505372.1	5408102.9	13152.20020	338.78	117.03	48.825883	-86.926807	56207.02	56250.1	-0.10	56206.92	56169.86719	56145.91347	56135.77734	505372.1	5408102.9
L5370.0	505372.1	5408101.4	13152.29981	337.53	116.69	48.825869	-86.926808	56207.36	56250.1	-0.10	56207.26	56170.07813	56146.15357	56136.00781	505372.1	5408101.4
L5370.0	505372.1	5408101.4	13152.40039	337.48	116.69	48.825869	-86.926808	56207.68	56250.1	-0.10	56207.58	56170.26953	56145.74722	56135.58594	505372.1	5408101.4
L5370.0	505372.0	5408099.5	13152.50000	337.73	117.15	48.825853	-86.926809	56207.98	56250.1	-0.10	56207.88	56170.44922	56144.69012	56134.51953	505372.0	5408099.5
L5370.0	505372.0	5408098.1	13152.50000	337.73	117.15	48.825840	-86.926809	56208.37	56250.1	-0.10	56208.26	56170.70703	56145.38311	56135.19922	505372.0	5408098.1
L5370.0	505372.0	5408096.4	13152.70020	338.41	115.07	48.825825	-86.926809	56208.70	56250.1	-0.11	56208.59	56170.91797	56144.95149	56134.75000	505372.0	5408096.4
L5370.0	505372.0	5408095.5	13152.79981	337.11	113.25	48.825816	-86.926810	56209.06	56250.1	-0.11	56208.95	56171.16406	56145.03710	56134.82031	505372.0	5408095.5
L5370.0	505371.9	5408094.0	13152.90039	337.77	113.25	48.825803	-86.926810	56209.43	56250.1	-0.11	56209.32	56171.42188	56145.15889	56134.92578	505371.9	5408094.0
L5370.0	505371.9	5408092.6	13153.00000	337.64	115.16	48.825790	-86.926811	56209.84	56250.1	-0.11	56209.73	56171.72656	56145.99254	56135.74219	505371.9	5408092.6
L5370.0	505371.9	5408091.7	13153.09961	337.37	114.9	48.825782	-86.926811	56210.21	56250.1	-0.11	56210.10	56171.98828	56145.68828	56135.42188	505371.9	5408091.7
L5370.0	505371.9	5408090.2	13153.20020	337.95	114.29	48.825769	-86.926811	56210.62	56250.1	-0.11	56210.51	56172.29688	56146.07270	56135.78516	505371.9	5408090.2
L5370.0	505371.9	5408089.3	13153.29981	336.17	113.7	48.825760	-86.926811	56211.02	56250.1	-0.10	56210.92	56172.60547	56146.22035	56135.91406	505371.9	5408089.3
L5370.0	505371.9	5408088.3	13153.40039	335.59	113.7	48.825752	-86.926811	56211.45	56250.1	-0.10	56211.35	56172.93750	56146.57889	56136.25000	505371.9	5408088.3
L5370.0	505371.8	5408087.1	13153.50000	334.47	111.08	48.825741	-86.926811	56211.89	56250.1	-0.10	56211.79	56173.28516	56146.91139	56136.56250	505371.8	5408087.1
L5370.0	505371.8	5408085.7	13153.59961	334.78	112.46	48.825729	-86.926811	56212.34	56250.1	-0.10	56212.25	56173.65234	56147.44052	56137.06641	505371.8	5408085.7
L5370.0	505371.8	5408085.7	13153.70020	334.43	116.27	48.825729	-86.926811	56212.75	56250.1	-0.10	56212.65	56173.96094	56146.35960	56135.96094	505371.8	5408085.7
L5370.0	505371.8	5408084.0	13153.79981	334.02	116.27	48.825713	-86.926812	56213.24	56250.1	-0.09	56213.15	56174.37500	56147.27333	56136.84766	505371.8	5408084.0
L5370.0	505371.8	5408083.1	13153.90039	334.84	116.35	48.825705	-86.926812	56213.70	56250.1	-0.09	56213.61	56174.75000	56147.02668	56136.57422	505371.8	5408083.1
L5370.0	505371.8	5408081.4	13154.00000	334.85	116.35	48.825690	-86.926812	56214.19	56250.1	-0.09	56214.10	56175.16016	56147.19715	56136.71875	505371.8	5408081.4
L5370.0	505371.8	5408080.1	13154.09961	336.22	113.3	48.825678	-86.926812	56214.74	56250.1	-0.09	56214.65	56175.63281	56148.46240	56137.95313	505371.8	5408080.1
L5370.0	505371.8	5408078.5	13154.20020	335.21	106.93	48.825663	-86.926812	56215.15	56250.1	-0.09	56215.06	56175.96484	56146.31271	56135.76953	505371.8	5408078.5
L5370.0	505371.8	5408077.3	13154.29981	336.45	110.7	48.825653	-86.926812	56215.80	56250.1	-0.10	56215.70	56176.53125	56149.10218	56138.52734	505371.8	5408077.3
L5370.0	505371.8	5408077.3	13154.40039	339.28	110.7	48.825653	-86.926812	56216.24	56250.1	-0.10	56216.14	56176.89844	56147.11847	56136.50781	505371.8	5408077.3
L5370.0	505371.8	5408075.6	13154.50000	338.98	114.03	48.825637	-86.926812	56216.84	56250.1	-0.10	56216.74	56177.42969	56148.50499	56137.85938	505371.8	5408075.6
L5370.0	505371.8	5408074.4	13154.50000	338.98	112.76	48.825626	-86.926812	56217.35	56250.1	-0.10	56217.25	56177.87500	56147.60271	56136.92188	505371.8	5408074.4
L5370.0	505371.8	5408072.7	13154.59961	338.58	112.76	48.825612	-86.926812	56217.96	56250.1	-0.10	56217.86	56178.41797	56148.72762	56138.00781	505371.8	5408072.7
L5370.0	505371.8	5408072.7	13154.79981	336.42	111.8	48.825612	-86.926812	56218.53	56250.1	-0.11	56218.43	56178.92578	56148.70279	56137.94141	505371.8	5408072.7
L5370.0	505371.8	5408071.4	13154.90039	337.42	110.27	48.825600	-86.926812	56219.14	56250.1	-0.11	56219.03	56179.46484	56149.12397	56138.32031	505371.8	5408071.4
L5370.0	505371.8	5408069.6	13155.00000	337.57	110.27	48.825584	-86.926812	56219.76	56250.1	-0.11	56219.65	56180.02734	56149.76711	56138.91797	505371.8	5408069.6
L5370.0	505371.8	5408068.6	13155.09961	337.10	109.24	48.825574	-86.926812	56220.40	56250.1	-0.11	56220.29	56180.61328	56150.63536	56139.73828	505371.8	5408068.6
L5370.0	505371.8	5408066.9	13155.20020	337.41	109.24	48.825559	-86.926812	56221.02	56250.1	-0.11	56220.91	56181.17969	56150.81629	56139.87109	505371.8	5408066.9
L5370.0	505371.8	5408065.4	13155.29981	336.89	111.05	48.825546	-86.926812	56221.67	56250.1	-0.11	56221.56	56181.77734	56151.45652	56140.46094	505371.8	5408065.4
L5370.0	505371.8	5408065.4	13155.40039	337.36	111.05	48.825546	-86.926812	56222.37	56250.1	-0.11	56222.26	56182.42578	56153.00942	56141.96484	505371.8	5408065.4
L5370.0	505371.8	5408063.7	13155.50000	336.92	111.95	48.825531	-86.926812	56222.98	56250.1	-0.11	56222.87	56182.98828	56152.26763	56141.16797	505371.8	5408063.7
L5370.0	505371.8	5408062.3	13155.59961	336.41	111.95	48.825517	-86.926812	56223.69	56250.1	-0.11	56223.58	56183.65234	56153.57155	56142.41406	505371.8	5408062.3
L5370.0	505371.8	5408062.3	13155.70020	336.50	113.88	48.825517	-86.926812	56224.36	56250.1	-0.11	56224.25	56184.27734	56153.71160	56142.49609	505371.8	5408062.3
L5370.0	505371.8	5408060.6	13155.79981	334.91	113.88	48.825502	-86.926812	56225.16	56250.1	-0.11	56225.05	56185.03516	56156.56693	56145.29297	505371.8	5408060.6
L5370.0	505371.9	5408058.9	13155.90039	334.93	111.78	48.825487	-86.926812	56225.85	56250.1	-0.11	56225.74	56185.68359	56156.65120	56145.31250	505371.9	5408058.9
L5370.0	505371.9	5408057.2	13156.00000	335.79	111.78	48.825472	-86.926811	56226.61	56250.1	-0.11	56226.50	56186.40234	56158.07025	56146.66797	505371.9	5408057.2
L5370.0	505371.9	5408057.2	13156.09961	336.75	114.32	48.825472	-86.926811	56227.28	56250.1	-0.11	56227.17	56187.03516	56157.17129	56145.70313	505371.9	5408057.2
L5370.0	505371.9	5408055.8	13156.20020	337.57	115.52	48.825459	-86.926811	56228.08	56250.1	-0.11	56227.98	56187.80859	56159.19578	56147.65625	505371.9	5408055.8
L5370.0	505371.9	5408053.9	13156.29981	335.87	115.52	48.825442	-86.926811	56228.87	56250.1	-0.10	56228.77	56188.56641	56160.49268	56148.88281	505371.9	5408053.9
L5370.0	505371.9	5408052.9	13156.40039	335.07	115.52	48.825433	-86.926811	56229.72	56250.1	-0.10	56229.62	56189.38281	56162.88765	56151.20313	505371.9	5408052.9
L5370.0	505372.0	5408051.7	13156.50000	333.43	115.33	48.825422	-86.926810	56230.45	56250.1	-0.10	56230.35	56190.07813	56162.27206	56150.50781	505372.0	5408051.7
L5370.0	505372.0	5408051.7	13156.50000	333.43	112.56	48.825422	-86.926810	56231.30	56250.1	-0.10	56231.20	56190.89844	56164.12703	56152.28516	505372.0	5408051.7
L5370.0	505372.0	5408050.2	13156.70020	334.63	111.42	48.825409	-86.926810	56232.16	56250.1	-0.10	56232.06	56191.72656	56165.94764	56154.02344	505372.0	5408050.2
L5370.0	505372.0	5408048.8	13156.79981	334.03	111.42	48.825396	-86.926809	56232.98	56250.1	-0.09	56232.89	56192.53125	56166.82176	56154.81250	505372.0	5408048.8
L5370.0	505372.1	5408047.6	13156.90039	336.00	113.18	48.825385	-86.926809	56233.89	56250.1	-0.09	56233.80	56193.41406	56169.27441	56157.17969	505372.1	5408047.6
L5370.0	505372.1	5408046.2	13157.00000	335.26	113.75	48.825373	-86.926808	56234.73	56250.1	-0.09	56234.64	56194.22656	56169.86768	56157.68359	505372.1	5408046.2
L5370.0	505372.1	5408045.2	13157.09961	337.55	115.03	48.825364	-86.926808	56235.63	56250.1	-0.09	56235.54	56195.10156	56171.59029	56159.31250	505372.1	5408045.2
L5370.0	505372.2	5408043.8	13157.20020	336.83	116.35	48.825351	-86.926807	56236.54	56250.1	-0.09	56236.44	56195.97656	56173.06699	56160.69531	505372.2	5408043.8
L5370.0	505372.2	5408042.3	13157.29981	337.74	116.35	48.825338	-86.926807	56237.43	56250.1	-0.09	56237.34	56196.85547	56174.29900	56161.82813	505372.2	5408042.3
L5370.0	505372.2	5408042.3	13157.40039	338.44	117.31	48.825338	-86.926807	56238.36	56250.1	-0.09	56238.26	56197.75000	56175.74961	56163.17578	505372.2	5408042.3
L5370.0	505372.3	5408040.8	13157.50000	337.58	117.23	48.825325	-86.926806	56239.33	56250.1	-0.09	56239.23	56198.69922	56178.11990	56165.44141	505372.3	5408040.8
L5370.0	505372.3	5408039.4	13157.59961	337.50	118.48	48.825312	-86.926806	56240.24	56250.1	-0.10	56240.14	56199.58984	56178.85524	56166.07031	505372.3	5408039.4
L5370.0	505372.3	5408037.9	13157.70020	337.96	118.48	48.825298	-86.926806	56241.18	56250.1	-0.10	56241.09	56200.51953	56180.28273	56167.39063	505372.3	5408037.9
L5370.0	505372.4	5408036.4	13157.79981	337.50	118.48	48.825285	-86.926805	56242.14	56250.1	-0.10	56242.04	56201.44922	56181.50584	56168.50000	505372.4	5408036.4
L5370.0	505372.4	5408035.2	13157.90039	336.68	118.48	48.825274	-86.926805	56243.13	56250.1	-0.10	56243.03	56202.42188	56183.55963	56170.43750	505372.4	5408035.2
L5370.0	505372.4	5408035.2	13158.00000	336.48	116.37	48.825274	-86.926805	56244.09	56250.1	-0.10	56243.99	56203.36328	56184.67913	56171.43750	505372.4	5408035.2
L5370.0	505372.4	5408033.3	13158.09961	337.15	116.37	48.825257	-86.926804	56245.09	56250.1	-0.10	56244.99	56204.34766	56186.50485	56173.14063	505372.4	5408033.3
L5370.0	505372.4	5408032.3	13158.20020	337.01	117.65	48.825248	-86.926804	56246.08	56250.1	-0.10	56245.98	56205.32031	56187.86820	56174.37891	505372.4	5408032.3
L5370.0	505372.5	5408030.7	13158.29981	337.67	111.34	48.825233	-86.926804	56247.13	56250.1	-0.10	56247.03	56206.35156	56190.40963	56176.79297	505372.5	5408030.7
L5370.0	505372.5	5408029.5	13158.40039	338.23	111.34	48.825222	-86.926804	56248.16	56250.1	-0.10	56248.05	56207.35547	56192.02411	56178.27734	505372.5	5408029.5
L5370.0	505372.5	5408027.9	13158.50000	337.69	113.99	48.825209	-86.926803	56249.18	56250.1	-0.10	56249.07	56208.35938	56193.41564	56179.53516	505372.5	5408027.9
L5370.0	505372.5	5408026.7	13158.50000	337.69	117.76	48.825198	-86.926804	56250.18	56250.1	-0.10	56250.07	56209.34375	56194.11773	56180.09766	505372.5	5408026.7
L5370.0	505372.5	5408025.3	13158.70020	339.63	117.76	48.825185	-86.926804	56251.22	56250.1	-0.11	56251.11	56210.37109	56195.53655	56181.37500	505372.5	5408025.3
L5370.0	505372.5	5408025.3	13158.79981	338.58	117.76	48.825185	-86.926804	56252.28	56250.1	-0.11	56252.17	56211.41797	56197.20545	56182.90234	505372.5	5408025.3
L5370.0	505372.4	5408023.4	13158.90039	338.44	117.76	48.825167	-86.926804	56253.36	56250.1	-0.11	56253.25	56212.48047	56199.12593	56184.67578	505372.4	5408023.4
L5370.0	505372.4	5408022.0	13159.00000	338.17	117.76	48.825155	-86.926805	56254.36	56250.1	-0.11	56254.25	56213.46875	56198.95845	56184.35547	505372.4	5408022.0
L5370.0	505372.4	5408022.0	13159.09961	339.29	117.76	48.825155	-86.926805	56255.40	56250.1	-0.11	56255.29	56214.49219	56199.51344	56184.75781	505372.4	5408022.0
L5370.0	505372.4	5408020.6	13159.20020	339.11	117.76	48.825142	-86.926805	56256.47	56250.1	-0.11	56256.36	56215.55078	56200.55802	56185.64453	505372.4	5408020.6
L5370.0	505372.3	5408019.3	13159.29981	339.59	117.76	48.825131	-86.926806	56257.42	56250.1	-0.11	56257.31	56216.48438	56198.58194	56183.50781	505372.3	5408019.3
L5370.0	505372.2	5408017.2	13159.40039	341.27	117.76	48.825112	-86.926807	56258.56	56250.1	-0.11	56258.45	56217.60938	56200.84309	56185.60547	505372.2	5408017.2
L5370.0	505372.2	5408017.2	13159.50000	339.87	117.76	48.825112	-86.926807	56259.59	56250.1	-0.11	56259.48	56218.62500	56200.31965	56184.91406	505372.2	5408017.2
L5370.0	505372.2	5408015.5	13159.59961	338.20	117.76	48.825097	-86.926808	56260.71	56250.1	-0.11	56260.60	56219.73438	56201.86141	56186.28516	505372.2	5408015.5
L5370.0	505372.1	5408013.9	13159.70020	338.20	117.76	48.825083	-86.926808	56261.81	56250.1	-0.11	56261.70	56220.82031	56202.80028	56187.05078	505372.1	5408013.9
L5370.0	505372.1	5408012.5	13159.79981	337.34	117.76	48.825070	-86.926809	56262.98	56250.1	-0.11	56262.87	56221.97656	56205.17768	56189.25391	505372.1	5408012.5

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5370.0	505372.1	5408012.5	13159.90039	336.96	117.76	48.825070	-86.926809	56264.07	56250.1	-0.11	56263.96	56223.05078	56205.51502	56189.41016	505372.1	5408012.5
L5370.0	505372.1	5408011.1	13160.00000	336.30	117.76	48.825057	-86.926810	56265.25	56250.1	-0.11	56265.14	56224.21484	56207.73992	56191.44922	505372.1	5408011.1
L5370.0	505372.0	5408009.5	13160.09961	335.28	117.76	48.825042	-86.926810	56266.38	56250.1	-0.11	56266.27	56225.33203	56208.62735	56192.15234	505372.0	5408009.5
L5370.0	505372.0	5408008.0	13160.20020	336.17	117.76	48.825029	-86.926811	56267.54	56250.1	-0.11	56267.43	56226.47656	56210.01308	56193.34766	505372.0	5408008.0
L5370.0	505371.9	5408006.6	13160.29981	335.57	117.76	48.825017	-86.926811	56268.72	56250.1	-0.12	56268.61	56227.64453	56211.66188	56194.80078	505371.9	5408006.6
L5370.0	505371.9	5408006.6	13160.40039	335.00	117.76	48.825017	-86.926811	56269.92	56250.1	-0.12	56269.80	56228.81641	56213.34148	56196.28516	505371.9	5408006.6
L5370.0	505371.9	5408005.1	13160.50000	335.38	117.76	48.825004	-86.926812	56271.18	56250.1	-0.12	56271.06	56230.06250	56216.39023	56199.13281	505371.9	5408005.1
L5370.0	505371.9	5408003.2	13160.50000	335.38	130	48.824986	-86.926812	56272.38	56250.1	-0.12	56272.26	56231.24609	56217.89260	56200.43359	505371.9	5408003.2
L5370.0	505371.9	5408003.2	13160.70020	338.03	130	48.824986	-86.926812	56273.62	56250.1	-0.12	56273.50	56232.47266	56220.08075	56202.41406	505371.9	5408003.2
L5370.0	505371.9	5408001.6	13160.79981	337.87	130	48.824972	-86.926812	56274.83	56250.1	-0.13	56274.70	56233.65625	56221.17994	56203.30469	505371.9	5408001.6
L5370.0	505371.8	5408000.1	13160.90039	335.17	130	48.824959	-86.926813	56276.14	56250.1	-0.13	56276.02	56234.95703	56224.70376	56206.61328	505371.8	5408000.1
L5370.0	505371.8	5408000.1	13161.00000	335.63	130	48.824959	-86.926813	56277.35	56250.1	-0.13	56277.22	56236.14063	56225.39166	56207.08594	505371.8	5408000.1
L5370.0	505371.8	5407998.5	13161.09961	335.63	130	48.824944	-86.926813	56278.68	56250.1	-0.13	56278.55	56237.45313	56228.69282	56210.16797	505371.8	5407998.5
L5370.0	505371.8	5407997.0	13161.20020	334.77	130	48.824930	-86.926813	56279.93	56250.1	-0.13	56279.80	56238.68750	56230.04337	56211.29688	505371.8	5407997.0
L5370.0	505371.8	5407995.6	13161.29981	334.11	130	48.824918	-86.926813	56281.22	56250.1	-0.13	56281.09	56239.96094	56232.04315	56213.07031	505371.8	5407995.6
L5370.0	505371.8	5407994.2	13161.40039	333.02	130	48.824905	-86.926813	56282.56	56250.1	-0.13	56282.43	56241.28125	56234.89746	56215.69531	505371.8	5407994.2
L5370.0	505371.8	5407994.2	13161.50000	334.17	130	48.824905	-86.926813	56283.88	56250.1	-0.13	56283.75	56242.58203	56237.10467	56217.67188	505371.8	5407994.2
L5370.0	505371.8	5407993.0	13161.59961	331.06	130	48.824894	-86.926813	56285.16	56250.1	-0.13	56285.03	56243.84375	56238.24460	56218.57813	505371.8	5407993.0
L5370.0	505371.8	5407990.8	13161.70020	331.36	130	48.824875	-86.926814	56286.48	56250.1	-0.13	56286.35	56245.14453	56240.02192	56220.11719	505371.8	5407990.8
L5370.0	505371.8	5407989.4	13161.79981	332.59	130	48.824862	-86.926814	56287.79	56250.1	-0.13	56287.66	56246.43359	56241.37180	56221.22656	505371.8	5407989.4
L5370.0	505371.8	5407989.4	13161.90039	331.66	130	48.824862	-86.926814	56289.19	56250.1	-0.13	56289.06	56247.81250	56244.41114	56224.01953	505371.8	5407989.4
L5370.0	505371.8	5407988.0	13162.00000	331.31	130	48.824849	-86.926814	56290.49	56250.1	-0.13	56290.36	56249.08984	56245.11768	56224.48047	505371.8	5407988.0
L5370.0	505371.8	5407986.7	13162.09961	333.16	130	48.824838	-86.926814	56291.87	56250.1	-0.13	56291.74	56250.44922	56247.29939	56226.41016	505371.8	5407986.7
L5370.0	505371.7	5407985.1	13162.20020	333.10	130	48.824823	-86.926814	56293.22	56250.1	-0.13	56293.09	56251.77734	56248.63097	56227.48828	505371.7	5407985.1
L5370.0	505371.7	5407983.6	13162.29981	332.07	130	48.824810	-86.926814	56294.63	56250.1	-0.13	56294.49	56253.15625	56250.80491	56229.41016	505371.7	5407983.6
L5370.0	505371.7	5407983.6	13162.40039	331.47	130	48.824810	-86.926814	56296.04	56250.1	-0.13	56295.90	56254.54297	56252.97746	56231.32031	505371.7	5407983.6
L5370.0	505371.7	5407981.0	13162.50000	332.50	130	48.824786	-86.926814	56297.48	56250.1	-0.13	56297.35	56255.96875	56255.78689	56233.87109	505371.7	5407981.0
L5370.0	505371.7	5407981.0	13162.50000	332.50	130	48.824786	-86.926814	56298.94	56250.1	-0.13	56298.81	56257.40625	56258.60137	56236.42188	505371.7	5407981.0
L5370.0	505371.7	5407979.3	13162.70020	333.09	130	48.824771	-86.926815	56300.29	56250.1	-0.14	56300.15	56258.72266	56258.65197	56236.20313	505371.7	5407979.3
L5370.0	505371.7	5407977.9	13162.79981	333.79	130	48.824759	-86.926815	56301.74	56250.1	-0.14	56301.60	56260.14844	56260.83784	56238.12109	505371.7	5407977.9
L5370.0	505371.7	5407976.7	13162.90039	334.65	130	48.824748	-86.926815	56303.15	56250.1	-0.14	56303.01	56261.53125	56261.96274	56238.97266	505371.7	5407976.7
L5370.0	505371.7	5407975.3	13163.00000	335.44	130	48.824735	-86.926815	56304.56	56250.1	-0.14	56304.42	56262.91797	56262.88112	56239.61328	505371.7	5407975.3
L5370.0	505371.7	5407973.8	13163.09961	336.34	130	48.824722	-86.926815	56306.01	56250.1	-0.14	56305.87	56264.33984	56264.45975	56240.91406	505371.7	5407973.8
L5370.0	505371.7	5407973.8	13163.20020	335.70	130	48.824722	-86.926815	56307.46	56250.1	-0.14	56307.32	56265.76563	56265.84271	56242.01953	505371.7	5407973.8
L5370.0	505371.7	5407972.1	13163.29981	333.95	130	48.824706	-86.926815	56308.92	56250.1	-0.14	56308.77	56267.18750	56267.03317	56242.92578	505371.7	5407972.1
L5370.0	505371.7	5407970.6	13163.40039	335.10	130	48.824693	-86.926815	56310.42	56250.1	-0.14	56310.27	56268.66016	56269.12661	56244.73438	505371.7	5407970.6
L5370.0	505371.7	5407970.6	13163.50000	337.11	130	48.824693	-86.926815	56311.88	56250.1	-0.15	56311.73	56270.08984	56270.16338	56245.48047	505371.7	5407970.6
L5370.0	505371.7	5407969.2	13163.59961	335.51	130	48.824680	-86.926816	56313.44	56250.1	-0.15	56313.29	56271.62109	56273.21668	56248.24219	505371.7	5407969.2
L5370.0	505371.6	5407967.6	13163.70020	335.51	130	48.824666	-86.926816	56314.89	56250.1	-0.15	56314.74	56273.04297	56273.67476	56248.41016	505371.6	5407967.6
L5370.0	505371.6	5407966.1	13163.79981	337.68	130	48.824653	-86.926816	56316.45	56250.1	-0.15	56316.30	56274.57422	56276.38369	56250.82422	505371.6	5407966.1
L5370.0	505371.6	5407964.9	13163.90039	336.51	130	48.824642	-86.926816	56317.90	56250.1	-0.15	56317.75	56275.99609	56276.48536	56250.62500	505371.6	5407964.9
L5370.0	505371.6	5407963.7	13164.00000	335.52	130	48.824631	-86.926816	56319.48	56250.2	-0.15	56319.33	56277.54297	56279.29251	56253.13281	505371.6	5407963.7
L5370.0	505371.6	5407963.7	13164.09961	334.90	130	48.824631	-86.926816	56321.02	56250.1	-0.15	56320.87	56279.05469	56281.03987	56254.57813	505371.6	5407963.7
L5370.0	505371.6	5407961.3	13164.20020	335.40	130	48.824609	-86.926816	56322.55	56250.1	-0.15	56322.40	56280.55078	56282.39177	56255.62500	505371.6	5407961.3
L5370.0	505371.6	5407960.0	13164.29981	336.34	130	48.824598	-86.926817	56324.11	56250.1	-0.14	56323.96	56282.08203	56284.23956	56257.16406	505371.6	5407960.0
L5370.0	505371.6	5407960.0	13164.40039	339.41	130	48.824598	-86.926817	56325.61	56250.1	-0.14	56325.46	56283.54688	56284.57950	56257.19531	505371.6	5407960.0
L5370.0	505371.6	5407958.4	13164.50000	336.07	130	48.824583	-86.926817	56327.24	56250.1	-0.14	56327.10	56285.15625	56287.87089	56260.17578	505371.6	5407958.4
L5370.0	505371.6	5407957.0	13164.50000	336.07	130	48.824571	-86.926817	56328.77	56250.1	-0.14	56328.63	56286.65234	56288.54133	56260.53125	505371.6	5407957.0
L5370.0	505371.5	5407955.8	13164.59961	335.36	130	48.824559	-86.926817	56330.38	56250.1	-0.14	56330.25	56288.23828	56291.05320	56262.72656	505371.5	5407955.8
L5370.0	505371.5	5407954.3	13164.79981	334.40	130	48.824546	-86.926817	56331.98	56250.1	-0.13	56331.85	56289.80469	56292.95382	56264.31250	505371.5	5407954.3
L5370.0	505371.5	5407954.3	13164.90039	334.44	130	48.824546	-86.926817	56333.62	56250.1	-0.13	56333.49	56291.41016	56295.58512	56266.62109	505371.5	5407954.3
L5370.0	505371.5	5407952.4	13165.00000	335.81	130	48.824529	-86.926818	56335.23	56250.1	-0.13	56335.10	56292.98438	56297.38494	56268.10156	505371.5	5407952.4
L5370.0	505371.5	5407950.9	13165.09961	334.78	130	48.824516	-86.926818	56336.91	56250.1	-0.13	56336.79	56294.64063	56300.81538	56271.20703	505371.5	5407950.9
L5370.0	505371.5	5407949.4	13165.20020	335.79	130	48.824503	-86.926818	56338.52	56250.1	-0.13	56338.39	56296.20703	56302.07722	56272.14453	505371.5	5407949.4
L5370.0	505371.5	5407949.4	13165.29981	336.10	130	48.824503	-86.926818	56340.23	56250.1	-0.12	56340.11	56297.89063	56305.87531	56275.61719	505371.5	5407949.4
L5370.0	505371.5	5407947.8	13165.40039	335.86	130	48.824487	-86.926818	56341.87	56250.1	-0.12	56341.75	56299.49609	56307.73486	56277.14844	505371.5	5407947.8
L5370.0	505371.5	5407946.1	13165.50000	335.40	130	48.824472	-86.926818	56343.57	56250.1	-0.12	56343.45	56301.15625	56310.80045	56279.88281	505371.5	5407946.1
L5370.0	505371.5	5407946.1	13165.59961	335.30	130	48.824472	-86.926818	56345.21	56250.1	-0.12	56345.09	56302.76172	56312.38201	56281.13281	505371.5	5407946.1
L5370.0	505371.5	5407944.2	13165.70020	334.21	130	48.824455	-86.926818	56346.92	56250.1	-0.12	56346.80	56304.43359	56315.41034	56283.83203	505371.5	5407944.2
L5370.0	505371.5	5407942.9	13165.79981	336.57	130	48.824444	-86.926818	56348.63	56250.1	-0.11	56348.51	56306.10547	56318.31850	56286.40625	505371.5	5407942.9
L5370.0	505371.5	5407941.5	13165.90039	335.54	130	48.824431	-86.926818	56350.29	56250.1	-0.11	56350.17	56307.73047	56319.97907	56287.73047	505371.5	5407941.5
L5370.0	505371.5	5407939.9	13166.00000	338.40	130	48.824417	-86.926818	56352.02	56250.1	-0.11	56351.91	56309.42969	56323.34055	56290.75781	505371.5	5407939.9
L5370.0	505371.5	5407938.7	13166.09961	337.91	130	48.824405	-86.926818	56353.66	56250.1	-0.11	56353.54	56311.02344	56324.09723	56291.17969	505371.5	5407938.7
L5370.0	505371.5	5407938.7	13166.20020	335.52	130	48.824405	-86.926818	56355.44	56250.1	-0.12	56355.32	56312.76563	56328.16817	56294.91406	505371.5	5407938.7
L5370.0	505371.5	5407937.0	13166.29981	334.35	130	48.824390	-86.926818	56357.07	56250.1	-0.13	56356.95	56314.35547	56328.72212	56295.12891	505371.5	5407937.0
L5370.0	505371.5	5407935.6	13166.40039	333.95	130	48.824378	-86.926818	56358.84	56250.1	-0.13	56358.71	56316.07813	56332.16023	56298.22656	505371.5	5407935.6
L5370.0	505371.5	5407935.6	13166.50000	336.11	130	48.824378	-86.926818	56360.54	56250.1	-0.14	56360.41	56317.73828	56334.14095	56299.86719	505371.5	5407935.6
L5370.0	505371.5	5407933.9	13166.50000	336.11	130	48.824363	-86.926818	56362.28	56250.1	-0.14	56362.15	56319.43750	56336.96651	56302.35547	505371.5	5407933.9
L5370.0	505371.5	5407932.3	13166.70020	337.90	130	48.824348	-86.926818	56363.99	56250.1	-0.15	56363.85	56321.09766	56338.79754	56303.84766	505371.5	5407932.3
L5370.0	505371.5	5407930.9	13166.79981	339.11	130	48.824336	-86.926818	56365.77	56250.2	-0.15	56365.62	56322.82813	56342.19106	56306.89844	505371.5	5407930.9
L5370.0	505371.5	5407929.5	13166.90039	337.88	130	48.824323	-86.926818	56367.48	56250.2	-0.16	56367.33	56324.49609	56344.13663	56308.50391	505371.5	5407929.5
L5370.0	505371.5	5407929.5	13167.00000	338.19	130	48.824323	-86.926818	56369.25	56250.2	-0.16	56369.09	56326.21484	56347.25470	56311.28125	505371.5	5407929.5
L5370.0	505371.6	5407927.8	13167.09961	336.95	130	48.824308	-86.926817	56370.98	56250.2	-0.16	56370.82	56327.90625	56349.67427	56313.36328	505371.6	5407927.8
L5370.0	505371.6	5407926.2	13167.20020	337.48	130	48.824294	-86.926817	56372.77	56250.2	-0.16	56372.61	56329.65625	56353.46249	56316.80859	505371.6	5407926.2
L5370.0	505371.6	5407925.0	13167.29981	337.43	130	48.824283	-86.926817	56374.58	56250.2	-0.15	56374.43	56331.43359	56357.92398	56320.93359	505371.6	5407925.0
L5370.0	505371.6	5407925.0	13167.40039	337.50	130	48.824283	-86.926817	56376.32	56250.2	-0.15	56376.16	56333.12109	56360.25655	56322.92578	505371.6	5407925.0
L5370.0	505371.6	5407923.7	13167.50000	337.65	130	48.824271	-86.926817	56378.11	56250.2	-0.15	56377.96	56334.87891	56364.21261	56326.54297	505371.6	5407923.7
L5370.0	505371.6	5407922.6	13167.59961	337.41	130	48.824261	-86.926817	56379.92	56250.1	-0.15	56379.77	56336.64844	56368.39454	56330.38672	505371.6	5407922.6
L5370.0	505371.6	5407921.2	13167.70020	338.04	130	48.824248	-86.926817	56381.70	56250.1	-0.15	56381.56	56338.39844	56372.10702	56333.76172	505371.6	5407921.2
L5370.0	505371.6	5407920.1	13167.79981	339.82	130	48.824238	-86.926817	56383.44	56250.1	-0.14	56383.29	56340.08594	56374.42063	56335.74219	505371.6	5407920.1
L5370.0	505371.6	5407918.7	13167.90039	341.31	130	48.824226	-86.926817	56385.25	56250.1	-0.14	56385.11	56341.86328	56378.85370	56339.83984	505371.6	5407918.7
L5370.0	505371.6	5407917.8	13168.00000	340.89	130	48.824218	-86.926817	56387.01	56250.1	-0.14	56386.87	56343.58203	56381.90179	56342.55078	505371.6	5407917.8
L5370.0	505371.6	5407916.4	13168.09961	341.03	130	48.824205	-86.926817	56388.82	56250.1	-0.14	56388.68	56345.34766	56386.14685	56346.46484	505371.6	5407916.4
L5370.0	505371.6	5407916.4	13168.20020	341.53	130	48.824205	-86.926817	56390.58	56250.1	-0.14	56390.44	56347.06641	56389.25487	56349.24219	505371.6	5407916.4
L5370.0	505371.6	5407914.9	13168.29981	341.26	130	48.824192	-86.926817	56392.37	56250.1	-0.14	56392.23	56348.81250	56393.10548	56352.76172	505371.6	5407914.9
L5370.0	505371.6	5407913.8	13168.40039	339.82	130	48.824182	-86.926817	56394.16	56250.1	-0.14	56394.02	56350.55859	56397.00330	56356.33203	505371.6	5407913.8
L5370.0	505371.6	5407912.5	13168.50000	338.03	130	48.824170	-86.926817	56395.96	56250.1	-0.14	56395.82	56352.31641	56401.18927	56360.19141	505371.6	5407912.5
L5370.0	505371.6	5407911.1	13168.50000	338.03	130	48.824158	-86.926817	56397.70	56250.1	-0.14	56397.56	56354.01172	56404.03160	56362.71094	505371.6	5407911.1
L5370.0	505371.6	5407910.0	13168.70020	338.91	130	48.824148	-86.926817	56399.49	56250.1	-0.14	56399.35	56355.76172	56408.11211	56366.46875	505371.6	5407910.0
L5370.0	505371.6	5407908.7	13168.79981	340.17	130	48.824136	-86.926817	56401.30	56250.1	-0.14	56401.16	56357.52734	56412.73534	56370.77344	505371.6	5407908.7
L5370.0	505371.6	5407907.8	13168.90039	339.99	130	48.824128	-86.926817	56403.04	56250.1	-0.14	56402.90	56359.22266	56415.80122	56373.51953	505371.6	5407907.8
L5370.0	505371.6	5407907.8	13169.00000	339.88	130	48.824128	-86.926817	56404.80	56250.1	-0.14	56404.66	56360.94141	56419.42335	56376.82813	505371.6	5407907.8
L5370.0	505371.6	5407906.3	13169.09961	338.55	130	48.824115	-86.926817	56406.56	56250.1	-0.14	56406.42	56362.65625	56423.14027	56380.23047	505371.6	5407906.3

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5370.0	505371.7	5407905.3	13169.20020	339.40	130	48.824105	-86.926816	56408.40	56250.1	-0.14	56408.26	56364.45313	56428.83146	56385.61328	505371.7	5407905.3
L5370.0	505371.7	5407904.0	13169.29981	341.00	130	48.824094	-86.926816	56410.11	56250.1	-0.14	56409.97	56366.12109	56431.58767	56388.06250	505371.7	5407904.0
L5370.0	505371.7	5407902.8	13169.40039	340.36	130	48.824083	-86.926816	56411.84	56250.1	-0.14	56411.70	56367.80469	56434.92699	56391.09375	505371.7	5407902.8
L5370.0	505371.7	5407902.8	13169.50000	340.01	130	48.824083	-86.926816	56413.58	56250.1	-0.15	56413.43	56369.49219	56438.38792	56394.25391	505371.7	5407902.8
L5370.0	505371.7	5407901.2	13169.59961	339.38	130	48.824068	-86.926816	56415.24	56250.1	-0.15	56415.09	56371.10547	56440.33848	56395.90625	505371.7	5407901.2
L5370.0	505371.7	5407900.2	13169.70020	339.76	123.77	48.824059	-86.926816	56416.92	56250.1	-0.15	56416.77	56372.74219	56442.89216	56398.16406	505371.7	5407900.2
L5370.0	505371.7	5407899.0	13169.79981	340.92	123.77	48.824049	-86.926817	56418.63	56250.1	-0.15	56418.49	56374.41797	56446.52384	56401.50391	505371.7	5407899.0
L5370.0	505371.6	5407897.9	13169.90039	341.12	117.37	48.824039	-86.926817	56420.24	56250.1	-0.15	56420.09	56375.97656	56447.49469	56402.18750	505371.6	5407897.9
L5370.0	505371.6	5407897.9	13170.00000	337.89	117.13	48.824039	-86.926817	56421.90	56250.2	-0.15	56421.75	56377.58984	56450.02505	56404.43359	505371.6	5407897.9
L5370.0	505371.6	5407896.4	13170.09961	336.59	117.13	48.824025	-86.926817	56423.51	56250.1	-0.15	56423.36	56379.15625	56451.54659	56405.67188	505371.6	5407896.4
L5370.0	505371.6	5407895.4	13170.20020	338.67	117.13	48.824016	-86.926817	56425.12	56250.1	-0.15	56424.97	56380.72266	56453.23645	56407.08594	505371.6	5407895.4
L5370.0	505371.6	5407893.9	13170.29981	337.60	117.13	48.824003	-86.926818	56426.70	56250.1	-0.14	56426.55	56382.25781	56454.26519	56407.83984	505371.6	5407893.9
L5370.0	505371.6	5407893.9	13170.40039	335.34	117.13	48.824003	-86.926818	56428.33	56250.1	-0.14	56428.19	56383.85156	56456.81616	56410.12109	505371.6	5407893.9
L5370.0	505371.5	5407892.8	13170.50000	335.10	113.19	48.823993	-86.926818	56429.86	56250.1	-0.14	56429.72	56385.33984	56457.00465	56410.04297	505371.5	5407892.8
L5370.0	505371.5	5407891.7	13170.50000	335.10	113.19	48.823983	-86.926819	56431.46	56250.1	-0.14	56431.32	56386.89453	56458.99733	56411.77344	505371.5	5407891.7
L5370.0	505371.5	5407890.5	13170.70020	336.73	112.65	48.823972	-86.926819	56433.00	56250.1	-0.14	56432.86	56388.39063	56459.81653	56412.33594	505371.5	5407890.5
L5370.0	505371.5	5407890.5	13170.79981	337.60	112.65	48.823972	-86.926819	56434.61	56250.1	-0.13	56434.47	56389.95313	56462.42522	56414.69141	505371.5	5407890.5
L5370.0	505371.5	5407889.2	13170.90039	336.94	112.61	48.823960	-86.926819	56436.14	56250.1	-0.13	56436.01	56391.44922	56463.66101	56415.67578	505371.5	5407889.2
L5370.0	505371.4	5407888.1	13171.00000	334.36	112.61	48.823950	-86.926820	56437.70	56250.1	-0.13	56437.57	56392.96484	56465.56308	56417.33203	505371.4	5407888.1
L5370.0	505371.4	5407886.9	13171.09961	333.80	112.61	48.823940	-86.926820	56439.25	56250.1	-0.13	56439.12	56394.46875	56467.46498	56418.99609	505371.4	5407886.9
L5370.0	505371.4	5407886.9	13171.20020	331.62	112.87	48.823940	-86.926820	56440.76	56250.1	-0.14	56440.62	56395.92578	56468.49446	56419.78906	505371.4	5407886.9
L5370.0	505371.4	5407885.6	13171.29981	331.42	112.87	48.823928	-86.926820	56442.29	56250.1	-0.14	56442.15	56397.41016	56470.42574	56421.48828	505371.4	5407885.6
L5370.0	505371.4	5407884.4	13171.40039	335.87	112.91	48.823917	-86.926820	56443.77	56250.1	-0.14	56443.62	56398.83594	56471.28997	56422.12891	505371.4	5407884.4
L5370.0	505371.4	5407884.4	13171.50000	334.69	112.91	48.823917	-86.926820	56445.27	56250.1	-0.15	56445.13	56400.29688	56473.27933	56423.89453	505371.4	5407884.4
L5370.0	505371.4	5407883.4	13171.59961	334.93	112.91	48.823909	-86.926820	56446.73	56250.1	-0.15	56446.58	56401.70313	56474.22491	56424.62500	505371.4	5407883.4
L5370.0	505371.4	5407882.5	13171.70020	333.32	112.91	48.823900	-86.926820	56448.21	56250.2	-0.15	56448.06	56403.13672	56476.08643	56426.27344	505371.4	5407882.5
L5370.0	505371.4	5407881.5	13171.79981	334.40	112.91	48.823892	-86.926820	56449.64	56250.2	-0.15	56449.49	56404.52344	56477.14157	56427.12500	505371.4	5407881.5
L5370.0	505371.4	5407880.6	13171.90039	333.37	112.91	48.823883	-86.926820	56451.07	56250.2	-0.16	56450.91	56405.89844	56478.26201	56428.04297	505371.4	5407880.6
L5370.0	505371.4	5407880.6	13172.00000	332.88	112.91	48.823883	-86.926820	56452.50	56250.2	-0.16	56452.34	56407.28125	56479.88285	56429.46484	505371.4	5407880.6
L5370.0	505371.4	5407879.8	13172.09961	331.79	112.91	48.823876	-86.926820	56453.85	56250.2	-0.16	56453.69	56408.58594	56480.07779	56429.46875	505371.4	5407879.8
L5370.0	505371.4	5407878.6	13172.20020	331.01	112.91	48.823865	-86.926820	56455.23	56250.2	-0.16	56455.07	56409.92188	56481.21311	56430.41797	505371.4	5407878.6
L5370.0	505371.4	5407877.8	13172.29981	330.26	112.91	48.823858	-86.926820	56456.63	56250.2	-0.15	56456.48	56411.28516	56483.29415	56432.31641	505371.4	5407877.8
L5370.0	505371.4	5407876.9	13172.40039	331.73	112.91	48.823850	-86.926820	56457.98	56250.2	-0.15	56457.83	56412.58984	56484.39413	56433.24219	505371.4	5407876.9
L5370.0	505371.4	5407876.9	13172.50000	332.90	112.91	48.823850	-86.926820	56459.36	56250.2	-0.15	56459.21	56413.92578	56486.45225	56435.12891	505371.4	5407876.9
L5370.0	505371.5	5407876.1	13172.50000	332.90	112.91	48.823842	-86.926819	56460.69	56250.2	-0.15	56460.54	56415.20703	56487.75330	56436.26563	505371.5	5407876.1
L5370.0	505371.5	5407874.8	13172.70020	334.08	112.91	48.823831	-86.926819	56462.07	56250.1	-0.15	56461.92	56416.54297	56490.46214	56438.81250	505371.5	5407874.8
L5370.0	505371.5	5407874.8	13172.79981	336.82	112.91	48.823831	-86.926819	56463.39	56250.1	-0.14	56463.25	56417.82813	56492.42786	56440.62500	505371.5	5407874.8
L5370.0	505371.5	5407874.1	13172.90039	336.52	112.91	48.823825	-86.926819	56464.72	56250.1	-0.14	56464.58	56419.10938	56494.73970	56442.78516	505371.5	5407874.1
L5370.0	505371.5	5407873.5	13173.00000	334.69	112.91	48.823819	-86.926818	56466.05	56250.1	-0.14	56465.91	56420.39453	56497.40872	56445.30859	505371.5	5407873.5
L5370.0	505371.6	5407872.4	13173.09961	332.14	112.91	48.823809	-86.926818	56467.38	56250.1	-0.14	56467.24	56421.67969	56500.44678	56448.20703	505371.6	5407872.4
L5370.0	505371.6	5407871.6	13173.20020	332.02	112.91	48.823802	-86.926817	56468.70	56250.1	-0.14	56468.56	56422.95313	56503.64494	56451.27344	505371.6	5407871.6
L5370.0	505371.6	5407871.6	13173.29981	335.92	112.91	48.823802	-86.926817	56469.95	56250.1	-0.14	56469.81	56424.15625	56505.68104	56453.17969	505371.6	5407871.6
L5370.0	505371.7	5407870.6	13173.40039	337.17	112.91	48.823793	-86.926817	56471.25	56250.1	-0.14	56471.11	56425.41016	56509.21638	56456.59375	505371.7	5407870.6
L5370.0	505371.7	5407870.1	13173.50000	337.33	117.76	48.823788	-86.926816	56472.50	56250.1	-0.14	56472.36	56426.61328	56512.03808	56459.29688	505371.7	5407870.1
L5370.0	505371.7	5407870.1	13173.59961	337.36	117.18	48.823788	-86.926816	56473.76	56250.1	-0.14	56473.62	56427.82813	56515.48924	56462.63281	505371.7	5407870.1
L5370.0	505371.8	5407869.1	13173.70020	337.64	117.18	48.823779	-86.926816	56475.00	56250.1	-0.14	56474.86	56429.02344	56518.90256	56465.94141	505371.8	5407869.1
L5370.0	505371.8	5407868.3	13173.79981	335.48	115.85	48.823773	-86.926815	56476.18	56250.1	-0.14	56476.04	56430.15625	56521.36656	56468.30078	505371.8	5407868.3
L5370.0	505371.8	5407867.5	13173.90039	335.33	107.81	48.823765	-86.926814	56477.38	56250.1	-0.14	56477.24	56431.30859	56524.70163	56471.53906	505371.8	5407867.5
L5370.0	505371.9	5407866.9	13174.00000	336.90	115.8	48.823760	-86.926814	56478.56	56250.1	-0.14	56478.42	56432.44141	56528.00014	56474.74609	505371.9	5407866.9
L5370.0	505371.9	5407866.9	13174.09961	337.25	115.8	48.823760	-86.926814	56479.73	56250.1	-0.14	56479.59	56433.56641	56531.49163	56478.14844	505371.9	5407866.9
L5370.0	505371.9	5407866.2	13174.20020	338.61	115.32	48.823753	-86.926814	56480.88	56250.1	-0.14	56480.74	56434.66797	56534.94384	56481.51953	505371.9	5407866.2
L5370.0	505371.9	5407865.5	13174.29981	336.31	113.46	48.823747	-86.926813	56481.97	56250.1	-0.14	56481.83	56435.71094	56537.41821	56483.91797	505371.9	5407865.5
L5370.0	505372.0	5407864.9	13174.40039	337.15	107.5	48.823742	-86.926813	56483.07	56250.1	-0.14	56482.93	56436.76563	56540.40405	56486.83203	505372.0	5407864.9
L5370.0	505372.0	5407864.2	13174.50000	338.97	107.5	48.823736	-86.926812	56484.17	56250.1	-0.14	56484.03	56437.81641	56543.74491	56490.10547	505372.0	5407864.2
L5370.0	505372.0	5407863.8	13174.50000	338.97	102.7	48.823732	-86.926812	56485.19	56250.1	-0.14	56485.05	56438.79297	56545.65372	56491.94922	505372.0	5407863.8
L5370.0	505372.0	5407863.2	13174.59961	341.12	104.57	48.823726	-86.926812	56486.26	56250.1	-0.14	56486.12	56439.81250	56549.17634	56495.41406	505372.0	5407863.2
L5370.0	505372.1	5407862.7	13174.79981	341.17	112.43	48.823723	-86.926811	56487.18	56250.1	-0.14	56487.04	56440.68750	56549.63325	56495.82031	505372.1	5407862.7
L5370.0	505372.1	5407862.1	13174.90039	341.45	111.88	48.823717	-86.926811	56488.20	56250.1	-0.14	56488.06	56441.66016	56552.87871	56499.01563	505372.1	5407862.1
L5370.0	505372.1	5407862.1	13175.00000	340.80	111.88	48.823717	-86.926811	56489.12	56250.1	-0.14	56488.98	56442.53125	56554.23245	56500.32422	505372.1	5407862.1
L5370.0	505372.1	5407861.5	13175.09961	340.42	111.31	48.823712	-86.926811	56490.06	56250.1	-0.14	56489.93	56443.43750	56556.73883	56502.79297	505372.1	5407861.5
L5370.0	505372.1	5407861.0	13175.20020	339.94	104.16	48.823707	-86.926810	56490.93	56250.1	-0.13	56490.80	56444.25781	56557.82362	56503.84375	505372.1	5407861.0
L5370.0	505372.2	5407860.5	13175.29981	337.11	111.22	48.823702	-86.926810	56491.82	56250.1	-0.13	56491.70	56445.11328	56560.06221	56506.05078	505372.2	5407860.5
L5370.0	505372.2	5407859.9	13175.40039	336.47	110	48.823697	-86.926810	56492.64	56250.1	-0.12	56492.52	56445.88281	56560.87953	56506.83984	505372.2	5407859.9
L5370.0	505372.2	5407859.4	13175.50000	336.31	110	48.823693	-86.926810	56493.54	56250.1	-0.12	56493.42	56446.73828	56564.02057	56509.95703	505372.2	5407859.4
L5370.0	505372.2	5407859.1	13175.59961	335.15	110.29	48.823689	-86.926810	56494.30	56250.1	-0.12	56494.18	56447.44922	56564.33443	56510.25391	505372.2	5407859.1
L5370.0	505372.2	5407858.7	13175.70020	336.42	110.29	48.823686	-86.926810	56495.09	56250.1	-0.11	56494.98	56448.20313	56565.85228	56511.75391	505372.2	5407858.7
L5370.0	505372.2	5407858.1	13175.79981	337.00	110.29	48.823681	-86.926810	56495.93	56250.1	-0.11	56495.82	56448.99609	56568.56366	56514.45703	505372.2	5407858.1
L5370.0	505372.2	5407857.7	13175.90039	338.32	110.22	48.823677	-86.926810	56496.65	56250.1	-0.10	56496.54	56449.66797	56568.87760	56514.76172	505372.2	5407857.7
L5370.0	505372.2	5407857.7	13176.00000	338.75	109.27	48.823677	-86.926810	56497.41	56250.1	-0.10	56497.31	56450.39063	56570.74179	56516.62109	505372.2	5407857.7
L5370.0	505372.2	5407857.1	13176.09961	338.38	99.78	48.823672	-86.926810	56498.08	56250.1	-0.10	56497.98	56451.01172	56570.70345	56516.58203	505372.2	5407857.1
L5370.0	505372.2	5407856.6	13176.20020	336.99	99.78	48.823668	-86.926810	56498.79	56250.1	-0.11	56498.69	56451.67188	56571.97915	56517.85938	505372.2	5407856.6
L5370.0	505372.2	5407856.2	13176.29981	338.04	97.34	48.823664	-86.926810	56499.48	56250.1	-0.11	56499.37	56452.30469	56572.96698	56518.85156	505372.2	5407856.2
L5370.0	505372.2	5407856.2	13176.40039	337.94	106.97	48.823664	-86.926810	56500.12	56250.1	-0.11	56500.01	56452.89844	56573.45113	56519.34766	505372.2	5407856.2
L5370.0	505372.2	5407855.8	13176.50000	336.05	106.97	48.823660	-86.926810	56500.70	56250.1	-0.11	56500.59	56453.42969	56572.99894	56518.90625	505372.2	5407855.8
L5370.0	505372.2	5407855.5	13176.50000	336.05	101.97	48.823658	-86.926810	56501.32	56250.1	-0.11	56501.21	56454.00391	56573.83925	56519.75781	505372.2	5407855.5
L5370.0	505372.1	5407855.1	13176.70020	334.91	96.84	48.823654	-86.926811	56501.86	56250.1	-0.12	56501.73	56454.47266	56572.87427	56518.80859	505372.1	5407855.1
L5370.0	505372.1	5407854.8	13176.79981	332.84	96.09	48.823651	-86.926811	56502.39	56250.1	-0.12	56502.26	56454.95703	56572.53739	56518.49219	505372.1	5407854.8
L5370.0	505372.1	5407854.4	13176.90039	334.10	96.09	48.823648	-86.926811	56502.92	56250.1	-0.13	56502.79	56455.43750	56572.60053	56518.57813	505372.1	5407854.4
L5370.0	505372.1	5407854.4	13177.00000	334.03	97.95	48.823648	-86.926811	56503.38	56250.1	-0.13	56503.25	56455.85156	56571.54365	56517.54297	505372.1	5407854.4
L5370.0	505372.1	5407854.1	13177.09961	333.22	99.66	48.823644	-86.926811	56503.82	56250.1	-0.13	56503.69	56456.24219	56570.45082	56516.47656	505372.1	5407854.1
L5370.0	505372.1	5407853.7	13177.20020	331.24	99.66	48.823641	-86.926811	56504.31	56250.1	-0.13	56504.18	56456.68359	56570.81001	56516.86328	505372.1	5407853.7
L5370.0	505372.1	5407853.5	13177.29981	329.67	100.19	48.823639	-86.926812	56504.66	56250.1	-0.13	56504.53	56456.98438	56568.55826	56514.64063	505372.1	5407853.5
L5370.0	505372.0	5407853.2	13177.40039	333.08	101.02	48.823637	-86.926812	56505.07	56250.1	-0.13	56504.94	56457.34766	56567.95401	56514.06641	505372.0	5407853.2
L5370.0	505372.0	5407852.9	13177.50000	332.68	101.02	48.823634	-86.926812	56505.40	56250.1	-0.13	56505.27	56457.62891	56566.01815	56512.16016	505372.0	5407852.9
L5370.0	505372.0	5407852.7	13177.59961	335.35	100.28	48.823632	-86.926812	56505.76	56250.1	-0.13	56505.63	56457.94141	56565.06843	56511.24609	505372.0	5407852.7
L5370.0	505372.0	5407852.7	13177.70020	331.85	98.2	48.823632	-86.926812	56505.98	56250.1	-0.13	56505.85	56458.11328	56561.52188	56507.73438	505372.0	5407852.7
L5370.0	505372.0	5407852.5	13177.79981	331.37	94.58	48.823630	-86.926812	56506.29	56250.1	-0.13	56506.16	56458.37500	56560.19679	56506.44531	505372.0	5407852.5
L5370.0	505372.0	5407852.3	13177.90039	331.97	92.63	48.823629	-86.926813	56506.50	56250.1	-0.13	56506.37	56458.53906	56557.09536	56503.37891	505372.0	5407852.3
L5370.0	505372.0	5407852.1	13178.00000	332.62	92.63	48.823627	-86.926813	56506.73	56250.1	-0.13	56506.60	56458.71875	56554.71508	56501.03516	505372.0	5407852.1
L5370.0	505372.0	5407852.0	13178.09961	332.75	102.57	48.823626	-86.926813	56506.81	56250.1	-0.13	56506.68	56458.75000	56549.48814	56495.84375	505372.0	5407852.0
L5370.0	505372.0	5407851.9	13178.20020	334.19	102.57	48.823625	-86.926813	56506.96	56250.1	-0.13	56506.83	56458.85156	56545.99230	56492.38672	505372.0	5407851.9
L5370.0	505372.0	5407851.8	13178.29981	332.97	102.27	48.823624	-86.926813	56507.06	56250.1	-0.13	56506.93	56458.90625	56541.70530	56488.13672	505372.0	5407851.8
L5370.1	505371.5	5410697.6	19074.59961	426.41	0	48.849224	-86.926782	56839.02	56233	17.03	56856.05	56871.21875	56661.65822	56751.71484	505371.5	5410697.6

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5370.1	505371.5	5410697.5	19074.69922	423.90	0	48.849223	-86.926781	56839.10	56233	17.03	56856.13	56870.94922	56661.49795	56749.37500	505371.5	5410697.5
L5370.1	505371.6	5410697.3	19074.80078	422.47	0	48.849222	-86.926781	56839.28	56233	17.03	56856.31	56870.77734	56663.39021	56749.08203	505371.6	5410697.3
L5370.1	505371.6	5410697.3	19074.90039	422.91	0	48.849222	-86.926781	56839.32	56233	17.03	56856.35	56870.46484	56661.23106	56744.74219	505371.6	5410697.3
L5370.1	505371.6	5410697.0	19075.00000	423.66	0	48.849219	-86.926780	56839.62	56233	17.03	56856.65	56870.41406	56665.18293	56746.51172	505371.6	5410697.0
L5370.1	505371.6	5410697.0	19075.09961	425.41	0	48.849219	-86.926780	56839.95	56233	17.03	56856.98	56870.39453	56669.39678	56748.55078	505371.6	5410697.0
L5370.1	505371.7	5410696.8	19075.19922	428.79	0	48.849217	-86.926780	56839.82	56233	17.03	56856.85	56869.91016	56661.41587	56738.39844	505371.7	5410696.8
L5370.1	505371.7	5410696.5	19075.30078	430.44	0	48.849215	-86.926779	56840.20	56233	17.03	56857.24	56869.94922	56666.14484	56740.95703	505371.7	5410696.5
L5370.1	505371.7	5410696.5	19075.40039	427.82	0	48.849215	-86.926779	56840.36	56233	17.03	56857.39	56869.74609	56664.26548	56736.91016	505371.7	5410696.5
L5370.1	505371.7	5410696.2	19075.50000	427.18	0	48.849212	-86.926779	56840.82	56233	17.04	56857.86	56869.86328	56670.00863	56740.49609	505371.7	5410696.2
L5370.1	505371.7	5410696.0	19075.59961	441.68	0	48.849210	-86.926779	56841.00	56233	17.04	56858.04	56869.69141	56667.86919	56736.20313	505371.7	5410696.0
L5370.1	505371.7	5410696.0	19075.69922	439.66	0	48.849210	-86.926779	56841.65	56233	17.04	56858.69	56869.98438	56677.16189	56743.34766	505371.7	5410696.0
L5370.1	505371.7	5410695.7	19075.80078	440.54	0	48.849208	-86.926779	56842.00	56233	17.04	56859.04	56869.98047	56678.31590	56742.36328	505371.7	5410695.7
L5370.1	505371.7	5410695.5	19075.90039	441.96	0	48.849205	-86.926779	56842.63	56233	17.04	56859.67	56870.25391	56686.07188	56747.98438	505371.7	5410695.5
L5370.1	505371.7	5410695.2	19076.00000	446.86	0	48.849203	-86.926779	56842.96	56233	17.04	56860.00	56870.23047	56685.68875	56745.47656	505371.7	5410695.2
L5370.1	505371.7	5410695.2	19076.09961	447.08	0	48.849203	-86.926779	56843.45	56233	17.04	56860.49	56870.36328	56688.85802	56746.53125	505371.7	5410695.2
L5370.1	505371.6	5410694.8	19076.19922	449.91	0	48.849199	-86.926780	56844.14	56233	17.04	56861.19	56870.70703	56696.85122	56752.41797	505371.6	5410694.8
L5370.1	505371.6	5410694.4	19076.30078	449.35	0	48.849196	-86.926781	56844.48	56233	17.05	56861.53	56870.68750	56695.18251	56748.65234	505371.6	5410694.4
L5370.1	505371.6	5410694.4	19076.40039	445.89	0	48.849196	-86.926781	56845.41	56233	17.05	56862.45	56871.25000	56707.74402	56759.12891	505371.6	5410694.4
L5370.1	505371.5	5410694.1	19076.50000	445.89	0	48.849193	-86.926782	56845.82	56232.9	17.05	56862.87	56871.30859	56707.08869	56756.39844	505371.5	5410694.1
L5370.1	505371.5	5410693.7	19076.59961	442.30	0	48.849190	-86.926783	56846.44	56232.9	17.05	56863.49	56871.56641	56711.00959	56758.25781	505371.5	5410693.7
L5370.1	505371.5	5410693.7	19076.69922	439.97	0	48.849190	-86.926783	56846.88	56232.9	17.05	56863.93	56871.64453	56709.85129	56755.05078	505371.5	5410693.7
L5370.1	505371.4	5410693.4	19076.80078	439.90	0	48.849186	-86.926784	56847.75	56232.9	17.06	56864.80	56872.15234	56719.12014	56762.28125	505371.4	5410693.4
L5370.1	505371.3	5410693.0	19076.90039	441.98	0	48.849183	-86.926784	56848.52	56232.9	17.06	56865.58	56872.57031	56725.60318	56766.74219	505371.3	5410693.0
L5370.1	505371.3	5410693.0	19077.00000	441.62	0	48.849183	-86.926784	56849.16	56232.9	17.06	56866.22	56872.84375	56728.03309	56767.16016	505371.3	5410693.0
L5370.1	505371.2	5410692.4	19077.09961	440.94	0	48.849178	-86.926786	56849.61	56232.9	17.06	56866.67	56872.92969	56725.14288	56762.27734	505371.2	5410692.4
L5370.1	505371.1	5410692.0	19077.19922	441.49	0	48.849174	-86.926787	56850.40	56232.9	17.06	56867.46	56873.35156	56730.40691	56765.56250	505371.1	5410692.0
L5370.1	505371.0	5410691.5	19077.30078	444.10	0	48.849170	-86.926788	56851.48	56232.9	17.07	56868.55	56874.07422	56742.81294	56776.00391	505371.0	5410691.5
L5370.1	505371.0	5410691.5	19077.40039	445.47	0	48.849170	-86.926788	56852.54	56232.9	17.07	56869.61	56874.76563	56753.97846	56785.21875	505371.0	5410691.5
L5370.1	505370.9	5410691.0	19077.50000	445.10	0	48.849165	-86.926790	56853.49	56232.9	17.07	56870.56	56875.34375	56761.87514	56791.18359	505370.9	5410691.0
L5370.1	505370.8	5410690.3	19077.59961	444.13	0	48.849159	-86.926791	56854.52	56232.9	17.07	56871.60	56876.01172	56771.59128	56798.98438	505370.8	5410690.3
L5370.1	505370.8	5410690.3	19077.69922	446.62	0	48.849159	-86.926791	56855.37	56232.9	17.07	56872.45	56876.48828	56776.01595	56801.51172	505370.8	5410690.3
L5370.1	505370.8	5410689.8	19077.80078	443.47	0	48.849154	-86.926792	56856.18	56232.9	17.08	56873.25	56876.91406	56778.71300	56802.32813	505370.8	5410689.8
L5370.1	505370.8	5410689.8	19077.90039	425.93	0	48.849154	-86.926792	56856.99	56232.9	17.08	56874.07	56877.35547	56781.46741	56803.21875	505370.8	5410689.8
L5370.1	505370.7	5410689.2	19078.00000	426.13	0	48.849149	-86.926793	56857.97	56232.9	17.08	56875.05	56877.95703	56787.84346	56807.75000	505370.7	5410689.2
L5370.1	505370.6	5410688.6	19078.09961	427.34	0	48.849144	-86.926794	56858.74	56232.9	17.08	56875.82	56878.34766	56788.44368	56806.52734	505370.6	5410688.6
L5370.1	505370.6	5410688.0	19078.19922	427.77	0	48.849139	-86.926795	56859.88	56232.9	17.08	56876.96	56879.10938	56798.01563	56814.29297	505370.6	5410688.0
L5370.1	505370.6	5410688.0	19078.30078	428.14	0	48.849139	-86.926795	56860.26	56232.9	17.08	56877.34	56879.10547	56787.84629	56802.33984	505370.6	5410688.0
L5370.1	505370.5	5410687.2	19078.40039	427.58	0	48.849131	-86.926796	56861.60	56232.9	17.08	56878.68	56880.06250	56801.65740	56814.38281	505370.5	5410687.2
L5370.1	505370.5	5410686.6	19078.50000	429.01	0	48.849126	-86.926796	56861.91	56232.9	17.08	56878.99	56879.98828	56788.87881	56799.85938	505370.5	5410686.6
L5370.1	505370.5	5410686.6	19078.59961	428.59	0	48.849126	-86.926796	56862.79	56232.9	17.08	56879.87	56880.48047	56790.18267	56799.43750	505370.5	5410686.6
L5370.1	505370.5	5410685.9	19078.69922	427.72	0	48.849119	-86.926796	56863.46	56232.9	17.08	56880.54	56880.76563	56785.75202	56793.30469	505370.5	5410685.9
L5370.1	505370.5	5410685.2	19078.80078	429.27	0	48.849113	-86.926796	56864.62	56232.9	17.08	56881.70	56881.53516	56793.38516	56799.25391	505370.5	5410685.2
L5370.1	505370.5	5410685.2	19078.90039	428.62	0	48.849113	-86.926796	56865.92	56232.9	17.08	56883.00	56882.44141	56804.19409	56808.40234	505370.5	5410685.2
L5370.1	505370.5	5410684.4	19079.00000	429.51	0	48.849106	-86.926796	56866.98	56232.9	17.08	56884.06	56883.10938	56808.52842	56811.09766	505370.5	5410684.4
L5370.1	505370.5	5410683.7	19079.09961	428.78	0	48.849100	-86.926795	56868.27	56232.9	17.08	56885.35	56884.00781	56818.34113	56819.29297	505370.5	5410683.7
L5370.1	505370.6	5410683.0	19079.19922	428.94	0	48.849094	-86.926795	56869.13	56232.9	17.08	56886.21	56884.46875	56816.86560	56816.22266	505370.6	5410683.0
L5370.1	505370.6	5410683.0	19079.30078	429.05	0	48.849094	-86.926795	56870.23	56232.9	17.08	56887.31	56885.17188	56821.13806	56818.92188	505370.6	5410683.0
L5370.1	505370.6	5410682.4	19079.40039	427.79	0	48.849088	-86.926794	56871.11	56232.9	17.08	56888.19	56885.65234	56819.47513	56815.70703	505370.6	5410682.4
L5370.1	505370.6	5410682.4	19079.50000	425.79	0	48.849088	-86.926794	56872.37	56232.9	17.08	56889.45	56886.51172	56827.13403	56821.83984	505370.6	5410682.4
L5370.1	505370.7	5410681.4	19079.59961	425.26	0	48.849079	-86.926794	56873.04	56232.9	17.08	56890.12	56886.78125	56819.46947	56812.67188	505370.7	5410681.4
L5370.1	505370.7	5410680.9	19079.69922	426.25	0	48.849074	-86.926793	56874.14	56232.9	17.08	56891.22	56887.47656	56822.41328	56814.13281	505370.7	5410680.9
L5370.1	505370.7	5410680.2	19079.80078	427.02	0	48.849068	-86.926793	56875.79	56232.9	17.08	56892.87	56888.72266	56839.02322	56829.28516	505370.7	5410680.2
L5370.1	505370.7	5410680.2	19079.90039	428.89	0	48.849068	-86.926793	56877.05	56232.9	17.08	56894.13	56889.57813	56845.41651	56834.24219	505370.7	5410680.2
L5370.1	505370.8	5410679.6	19080.00000	428.57	0	48.849063	-86.926792	56878.50	56232.9	17.08	56895.58	56890.61719	56856.34208	56843.75391	505370.8	5410679.6
L5370.1	505370.8	5410678.7	19080.09961	426.42	0	48.849055	-86.926792	56879.45	56232.9	17.08	56896.53	56891.16016	56854.27103	56840.29688	505370.8	5410678.7
L5370.1	505370.8	5410678.0	19080.19922	427.86	0	48.849048	-86.926791	56880.96	56232.9	17.08	56898.05	56892.26953	56866.40594	56851.06641	505370.8	5410678.0
L5370.1	505370.8	5410678.0	19080.30078	427.36	0	48.849048	-86.926791	56881.94	56232.9	17.08	56899.02	56892.82422	56864.28910	56847.60547	505370.8	5410678.0
L5370.1	505370.9	5410677.3	19080.40039	426.22	0	48.849042	-86.926791	56883.34	56232.9	17.08	56900.42	56893.81250	56872.83563	56854.83594	505370.9	5410677.3
L5370.1	505370.9	5410676.5	19080.50000	425.68	0	48.849035	-86.926791	56884.34	56232.9	17.08	56901.43	56894.40625	56871.21246	56851.91797	505370.9	5410676.5
L5370.1	505370.9	5410675.7	19080.59961	428.95	0	48.849028	-86.926790	56885.96	56232.9	17.09	56903.05	56895.60938	56884.84293	56864.27734	505370.9	5410675.7
L5370.1	505370.9	5410674.8	19080.69922	428.56	0	48.849019	-86.926790	56887.61	56232.9	17.09	56904.70	56896.84375	56898.99361	56877.18359	505370.9	5410674.8
L5370.1	505370.9	5410674.0	19080.80078	428.90	0	48.849012	-86.926790	56888.56	56232.9	17.09	56905.65	56897.37500	56895.11870	56872.08594	505370.9	5410674.0
L5370.1	505370.9	5410674.0	19080.90039	426.87	0	48.849012	-86.926790	56890.00	56232.9	17.09	56907.09	56898.39453	56903.47035	56879.23438	505370.9	5410674.0
L5370.1	505371.0	5410673.0	19081.00000	429.10	0	48.849003	-86.926790	56891.24	56232.9	17.09	56908.33	56899.21484	56906.51928	56881.10938	505371.0	5410673.0
L5370.1	505371.0	5410672.1	19081.09961	427.66	0	48.848996	-86.926790	56892.94	56232.9	17.09	56910.03	56900.49219	56921.04723	56894.48438	505371.0	5410672.1
L5370.1	505371.0	5410672.1	19081.19922	419.55	0	48.848996	-86.926790	56894.10	56232.9	17.09	56911.19	56901.22656	56921.64596	56893.95703	505371.0	5410672.1
L5370.1	505371.0	5410671.1	19081.30078	417.24	0	48.848986	-86.926789	56895.62	56232.9	17.09	56912.71	56902.32422	56931.19685	56902.40234	505371.0	5410671.1
L5370.1	505371.0	5410669.7	19081.40039	423.83	0	48.848974	-86.926789	56897.01	56232.9	17.09	56914.11	56903.30078	56937.50767	56907.62891	505371.0	5410669.7
L5370.1	505371.0	5410669.7	19081.50000	424.31	0	48.848974	-86.926789	56898.27	56232.9	17.10	56915.36	56904.12109	56939.82317	56908.88672	505371.0	5410669.7
L5370.1	505371.0	5410668.4	19081.59961	422.94	0	48.848962	-86.926789	56899.74	56232.9	17.10	56916.83	56905.16797	56947.55428	56915.58594	505371.0	5410668.4
L5370.1	505371.0	5410668.4	19081.69922	424.22	0	48.848962	-86.926789	56900.85	56232.9	17.10	56917.94	56905.84766	56945.96705	56912.98438	505371.0	5410668.4
L5370.1	505371.0	5410667.5	19081.80078	423.09	0	48.848954	-86.926789	56902.55	56232.9	17.10	56919.64	56907.12109	56959.21340	56925.24219	505371.0	5410667.5
L5370.1	505371.0	5410666.3	19081.90039	425.34	0	48.848943	-86.926789	56903.40	56232.9	17.10	56920.50	56907.55078	56950.95599	56916.01953	505371.0	5410666.3
L5370.1	505371.0	5410665.5	19082.00000	424.51	0	48.848936	-86.926789	56905.07	56232.9	17.10	56922.17	56908.79297	56963.13759	56927.25781	505371.0	5410665.5
L5370.1	505371.0	5410665.5	19082.09961	423.87	0	48.848936	-86.926789	56906.20	56232.9	17.10	56923.30	56909.49219	56961.45406	56924.65234	505371.0	5410665.5
L5370.1	505371.0	5410664.1	19082.19922	440.51	0	48.848923	-86.926789	56908.16	56232.9	17.10	56925.26	56911.02344	56980.73172	56943.03125	505371.0	5410664.1
L5370.1	505371.0	5410664.1	19082.30078	442.81	0	48.848923	-86.926789	56909.14	56232.9	17.10	56926.24	56911.57031	56974.97520	56936.39844	505371.0	5410664.1
L5370.1	505371.0	5410663.2	19082.40039	446.99	0	48.848915	-86.926789	56910.74	56232.9	17.10	56927.84	56912.73828	56984.85638	56945.42578	505371.0	5410663.2
L5370.1	505371.0	5410662.0	19082.50000	446.50	0	48.848905	-86.926789	56912.25	56232.9	17.11	56929.36	56913.82813	56992.59121	56952.32813	505371.0	5410662.0
L5370.1	505371.0	5410660.9	19082.59961	446.85	0	48.848894	-86.926789	56913.39	56232.9	17.11	56930.49	56914.52734	56990.30772	56949.23438	505371.0	5410660.9
L5370.1	505371.0	5410660.9	19082.69922	427.17	0	48.848894	-86.926789	56914.75	56232.9	17.11	56931.86	56915.46484	56994.02466	56952.16406	505371.0	5410660.9
L5370.1	505371.1	5410659.6	19082.80078	424.55	0	48.848883	-86.926788	56915.81	56232.9	17.11	56932.92	56916.09375	56989.77033	56947.14063	505371.1	5410659.6
L5370.1	505371.2	5410658.4	19082.90039	430.72	0	48.848872	-86.926787	56917.48	56232.9	17.11	56934.59	56917.33203	57000.93406	56957.55859	505371.2	5410658.4
L5370.1	505371.2	5410658.4	19083.00000	423.08	0	48.848872	-86.926787	56918.72	56232.9	17.11	56935.83	56918.14063	57001.09057	56956.99219	505371.2	5410658.4
L5370.1	505371.2	5410657.4	19083.09961	423.86	0	48.848863	-86.926787	56920.24	56232.9	17.11	56937.35	56919.23047	57008.29196	56963.48828	505371.2	5410657.4
L5370.1	505371.2	5410656.4	19083.19922	424.43	0	48.848854	-86.926786	56921.40	56232.9	17.11	56938.51	56919.96094	57006.27932	56960.79297	505371.2	5410656.4
L5370.1	505371.2	5410656.4	19083.30078	423.16	0	48.848854	-86.926786	56923.10	56232.9	17.11	56940.21	56921.23047	57017.93386	56971.78516	505371.2	5410656.4
L5370.1	505371.3	5410655.3	19083.40039	422.99	0	48.848844	-86.926785	56924.25	56232.9	17.11	56941.36	56921.95313	57015.55975	56968.76563	505371.3	5410655.3
L5370.1	505371.3	5410655.3	19083.50000	421.62	0	48.848844	-86.926785	56925.44	56232.9	17.11	56942.55	56922.71484	57014.15953	56966.74219	505371.3	5410655.3
L5370.1	505371.4	5410653.9	19083.59961	425.86	0	48.848832	-86.926784	56927.09	56232.9	17.11	56944.20	56923.93750	57024.41517	56976.39453	505371.4	5410653.9
L5370.1	505371.4	5410652.7	19083.69922	426.57	0	48.848821	-86.926784	56928.14	56232.9	17.11	56945.25	56924.55859	57019.39360	56970.78906	505371.4	5410652.7
L5370.1	505371.4	5410652.7	19083.80078	424.70	0	48.848821	-86.926784	56929.74	56232.9	17.11	56946.85	56925.73438	57028.33044	56979.16016	505371.4	5410652.7
L5370.1	505371.5	5410651.3	19083.90039	426.04	0	48.848808	-86.926783	56930.82	56232.9	17.11	56947.93	56926.39063	57024.03872	56974.32422	505371.5	5410651.3

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5370.1	505371.5	5410650.2	19084.00000	425.25	0	48.848798	-86.926783	56932.96	56232.9	17.11	56950.07	56928.10547	57046.68305	56996.44141	505371.5	5410650.2
L5370.1	505371.5	5410650.2	19084.09961	424.79	0	48.848798	-86.926783	56934.12	56232.9	17.11	56951.23	56928.84375	57044.42357	56993.67578	505371.5	5410650.2
L5370.1	505371.5	5410648.8	19084.19922	424.26	0	48.848785	-86.926782	56936.02	56232.9	17.11	56953.14	56930.33203	57061.23757	57009.99609	505371.5	5410648.8
L5370.1	505371.6	5410647.8	19084.30078	424.05	0	48.848777	-86.926782	56937.34	56232.9	17.11	56954.45	56931.22266	57062.82230	57011.10938	505371.6	5410647.8
L5370.1	505371.6	5410647.8	19084.40039	424.93	0	48.848777	-86.926782	56938.46	56232.9	17.11	56955.58	56931.93750	57059.86091	57007.69531	505371.6	5410647.8
L5370.1	505371.6	5410646.8	19084.50000	426.12	0	48.848768	-86.926781	56939.68	56232.9	17.11	56956.79	56932.73047	57058.97022	57006.36719	505371.6	5410646.8
L5370.1	505371.6	5410645.8	19084.59961	428.04	0	48.848758	-86.926781	56940.61	56232.9	17.12	56957.72	56933.24609	57051.00955	56997.98828	505371.6	5410645.8
L5370.1	505371.7	5410644.6	19084.69922	426.80	0	48.848748	-86.926780	56942.13	56232.9	17.12	56959.24	56934.35547	57058.09968	57004.67578	505371.7	5410644.6
L5370.1	505371.7	5410644.6	19084.80078	427.50	0	48.848748	-86.926780	56942.90	56232.9	17.12	56960.02	56934.72266	57046.44720	56992.63672	505371.7	5410644.6
L5370.1	505371.7	5410643.1	19084.90039	432.53	0	48.848735	-86.926780	56944.37	56232.9	17.12	56961.49	56935.78516	57052.40606	56998.22656	505371.7	5410643.1
L5370.1	505371.7	5410643.1	19085.00000	429.06	0	48.848735	-86.926780	56945.14	56232.9	17.12	56962.26	56936.14844	57040.65839	56986.12500	505371.7	5410643.1
L5370.1	505371.7	5410641.9	19085.09961	425.66	0	48.848723	-86.926780	56946.86	56232.9	17.12	56963.98	56937.46875	57053.15007	56998.28125	505371.7	5410641.9
L5370.1	505371.7	5410640.7	19085.19922	424.96	0	48.848712	-86.926780	56947.89	56232.9	17.12	56965.01	56938.09766	57048.20977	56993.01953	505371.7	5410640.7
L5370.1	505371.7	5410639.6	19085.30078	423.14	0	48.848703	-86.926779	56949.23	56232.9	17.12	56966.35	56939.03516	57051.26373	56995.76953	505371.7	5410639.6
L5370.1	505371.7	5410639.6	19085.40039	423.68	0	48.848703	-86.926779	56950.21	56232.9	17.12	56967.33	56939.62109	57045.29429	56989.51172	505371.7	5410639.6
L5370.1	505371.7	5410638.2	19085.50000	423.64	0	48.848690	-86.926779	56950.83	56232.9	17.12	56967.95	56939.84766	57030.31258	56974.25391	505371.7	5410638.2
L5370.1	505371.8	5410636.8	19085.59961	422.97	0	48.848678	-86.926779	56952.38	56232.9	17.12	56969.50	56941.00781	57039.11612	56982.80078	505371.8	5410636.8
L5370.1	505371.8	5410636.8	19085.69922	424.74	0	48.848678	-86.926779	56953.40	56232.9	17.12	56970.52	56941.64063	57034.60972	56978.04688	505371.8	5410636.8
L5370.1	505371.8	5410635.7	19085.80078	426.35	0	48.848668	-86.926779	56955.03	56232.9	17.12	56972.15	56942.88672	57045.77912	56988.98828	505371.8	5410635.7
L5370.1	505371.8	5410635.7	19085.90039	426.11	0	48.848668	-86.926779	56956.03	56232.9	17.12	56973.15	56943.50391	57041.12112	56984.11328	505371.8	5410635.7
L5370.1	505371.8	5410634.6	19086.00000	426.43	0	48.848658	-86.926779	56957.76	56232.9	17.12	56974.88	56944.85938	57055.21342	56998.00781	505371.8	5410634.6
L5370.1	505371.8	5410633.5	19086.09961	427.99	0	48.848648	-86.926779	56958.66	56232.9	17.12	56975.78	56945.38281	57048.42038	56991.02734	505371.8	5410633.5
L5370.1	505371.8	5410632.3	19086.19922	427.33	0	48.848637	-86.926779	56959.89	56232.9	17.12	56977.02	56946.25391	57050.49128	56992.92188	505371.8	5410632.3
L5370.1	505371.8	5410632.3	19086.30078	424.90	0	48.848637	-86.926779	56960.88	56232.9	17.12	56978.00	56946.86328	57046.19001	56988.46094	505371.8	5410632.3
L5370.1	505371.8	5410631.0	19086.40039	424.38	0	48.848625	-86.926779	56961.85	56232.9	17.12	56978.98	56947.48047	57042.13819	56984.26172	505371.8	5410631.0
L5370.1	505371.8	5410629.5	19086.50000	429.08	0	48.848612	-86.926778	56963.16	56232.9	17.13	56980.29	56948.42969	57046.73677	56988.73047	505371.8	5410629.5
L5370.1	505371.8	5410628.3	19086.59961	431.12	0	48.848601	-86.926778	56964.22	56232.9	17.13	56981.34	56949.12500	57045.00460	56986.87891	505371.8	5410628.3
L5370.1	505371.8	5410628.3	19086.69922	430.06	0	48.848601	-86.926778	56965.82	56232.9	17.13	56982.95	56950.38281	57057.79681	56999.55859	505371.8	5410628.3
L5370.1	505371.9	5410627.0	19086.80078	427.53	0	48.848589	-86.926778	56966.33	56232.9	17.13	56983.46	56950.54297	57042.93801	56984.60547	505371.9	5410627.0
L5370.1	505371.9	5410627.0	19086.90039	427.43	0	48.848589	-86.926778	56968.14	56232.9	17.13	56985.27	56952.00781	57061.44053	57003.02734	505371.9	5410627.0
L5370.1	505371.9	5410625.9	19087.00000	424.28	0	48.848579	-86.926778	56968.70	56232.9	17.13	56985.83	56952.23047	57048.50955	56990.02734	505371.9	5410625.9
L5370.1	505371.9	5410624.4	19087.09961	424.96	0	48.848566	-86.926777	56969.88	56232.9	17.13	56987.01	56953.07422	57051.68755	56993.14844	505371.9	5410624.4
L5370.1	505371.9	5410623.1	19087.19922	422.79	0	48.848555	-86.926777	56970.35	56232.9	17.13	56987.48	56953.21094	57037.18721	56978.60156	505371.9	5410623.1
L5370.1	505372.0	5410621.9	19087.30078	425.62	0	48.848544	-86.926777	56971.56	56232.9	17.13	56988.69	56954.09375	57041.87688	56983.25391	505372.0	5410621.9
L5370.1	505372.0	5410621.9	19087.40039	425.49	0	48.848544	-86.926777	56972.59	56232.9	17.13	56989.72	56954.80469	57042.39003	56983.74609	505372.0	5410621.9
L5370.1	505372.0	5410620.6	19087.50000	425.15	0	48.848532	-86.926777	56973.62	56232.9	17.13	56990.76	56955.52344	57043.57167	56984.91797	505372.0	5410620.6
L5370.1	505372.0	5410620.6	19087.59961	424.10	0	48.848532	-86.926777	56975.09	56232.9	17.14	56992.22	56956.67188	57055.85841	56997.20703	505372.0	5410620.6
L5370.1	505372.0	5410619.0	19087.69922	426.19	0	48.848517	-86.926776	56976.27	56232.9	17.14	56993.41	56957.55469	57061.72980	57003.08594	505372.0	5410619.0
L5370.1	505372.0	5410618.0	19087.80078	428.44	0	48.848508	-86.926776	56977.61	56232.9	17.14	56994.75	56958.58984	57071.87690	57013.25781	505372.0	5410618.0
L5370.1	505372.0	5410616.8	19087.90039	426.81	0	48.848497	-86.926776	56977.69	56232.9	17.14	56994.83	56958.37109	57050.48024	56991.89453	505372.0	5410616.8
L5370.1	505372.0	5410616.8	19088.00000	425.89	0	48.848497	-86.926776	56979.16	56232.9	17.14	56996.30	56959.54688	57064.90795	57006.36719	505372.0	5410616.8
L5370.1	505372.0	5410615.4	19088.09961	425.17	0	48.848485	-86.926776	56979.82	56232.9	17.14	56996.96	56959.91797	57059.26241	57000.77734	505372.0	5410615.4
L5370.1	505372.1	5410614.0	19088.19922	426.51	0	48.848472	-86.926775	56981.14	56232.9	17.14	56998.28	56960.95313	57070.92143	57012.50391	505372.1	5410614.0
L5370.1	505372.1	5410614.0	19088.30078	426.55	0	48.848472	-86.926775	56981.88	56232.9	17.14	56999.03	56961.42578	57068.64066	57010.29688	505372.1	5410614.0
L5370.1	505372.1	5410612.5	19088.40039	424.01	0	48.848459	-86.926775	56983.04	56232.9	17.14	57000.19	56962.31250	57077.34432	57019.08984	505372.1	5410612.5
L5370.1	505372.1	5410611.2	19088.50000	426.08	0	48.848448	-86.926775	56983.87	56232.9	17.14	57001.01	56962.86328	57077.98758	57019.83203	505372.1	5410611.2
L5370.1	505372.1	5410609.9	19088.59961	427.16	0	48.848436	-86.926775	56984.41	56232.9	17.15	57001.55	56963.14063	57072.11225	57014.06250	505372.1	5410609.9
L5370.1	505372.1	5410609.9	19088.69922	426.11	0	48.848436	-86.926775	56985.28	56232.9	17.15	57002.43	56963.76172	57075.49288	57017.55859	505372.1	5410609.9
L5370.1	505372.1	5410608.6	19088.80078	426.32	0	48.848424	-86.926774	56986.24	56232.9	17.15	57003.39	56964.46875	57081.53816	57023.73047	505372.1	5410608.6
L5370.1	505372.1	5410608.6	19088.90039	428.01	0	48.848424	-86.926774	56987.63	56232.9	17.15	57004.78	56965.60938	57099.16026	57041.49219	505372.1	5410608.6
L5370.1	505372.2	5410606.8	19089.00000	427.14	0	48.848408	-86.926774	56988.32	56232.8	17.15	57005.47	56966.05859	57099.65609	57042.13281	505372.2	5410606.8
L5370.1	505372.2	5410606.8	19089.09961	427.63	0	48.848408	-86.926774	56989.61	56232.8	17.15	57006.76	56967.10938	57116.08241	57058.71875	505372.2	5410606.8
L5370.1	505372.3	5410604.3	19089.19922	423.17	0	48.848385	-86.926773	56990.15	56232.8	17.15	57007.30	56967.41797	57114.14442	57056.94141	505372.3	5410604.3
L5370.1	505372.3	5410603.4	19089.30078	421.83	0	48.848377	-86.926772	56991.31	56232.8	17.15	57008.46	56968.35547	57128.67763	57071.64844	505372.3	5410603.4
L5370.1	505372.3	5410603.4	19089.40039	421.14	0	48.848377	-86.926772	56992.14	56232.8	17.15	57009.29	56968.96484	57135.55310	57078.71094	505372.3	5410603.4
L5370.1	505372.4	5410601.8	19089.50000	421.00	0	48.848363	-86.926771	56992.68	56232.8	17.15	57009.83	56969.28906	57135.80312	57079.15625	505372.4	5410601.8
L5370.1	505372.4	5410601.8	19089.59961	420.61	0	48.848363	-86.926771	56993.32	56232.8	17.15	57010.47	56969.71875	57139.35521	57082.91406	505372.4	5410601.8
L5370.1	505372.4	5410600.6	19089.69922	421.99	0	48.848352	-86.926771	56994.20	56232.8	17.15	57011.35	56970.39453	57149.78269	57093.55078	505372.4	5410600.6
L5370.1	505372.4	5410600.6	19089.80078	424.10	0	48.848352	-86.926771	56995.38	56232.8	17.15	57012.53	56971.37891	57168.62534	57112.61328	505372.4	5410600.6
L5370.1	505372.5	5410599.1	19089.90039	426.11	0	48.848339	-86.926770	56995.84	56232.8	17.15	57012.99	56971.64453	57169.97373	57114.19141	505372.5	5410599.1
L5370.1	505372.6	5410597.7	19090.00000	425.73	0	48.848326	-86.926769	56996.70	56232.8	17.15	57013.85	56972.31641	57182.30751	57126.76563	505372.6	5410597.7
L5370.1	505372.6	5410596.5	19090.09961	426.19	0	48.848315	-86.926768	56996.95	56232.8	17.15	57014.10	56972.38672	57179.97068	57124.67578	505372.6	5410596.5
L5370.1	505372.6	5410596.5	19090.19922	425.37	0	48.848315	-86.926768	56998.57	56232.8	17.16	57015.72	56973.83203	57213.29958	57158.26172	505372.6	5410596.5
L5370.1	505372.7	5410595.3	19090.30078	424.21	0	48.848304	-86.926768	56998.96	56232.8	17.16	57016.12	56974.05859	57216.48066	57161.70703	505372.7	5410595.3
L5370.1	505372.7	5410593.9	19090.40039	422.47	0	48.848292	-86.926767	56999.86	56232.8	17.16	57017.02	56974.79688	57233.24134	57178.74219	505372.7	5410593.9
L5370.1	505372.7	5410592.9	19090.50000	424.03	0	48.848283	-86.926766	57000.04	56232.8	17.17	57017.20	56974.81641	57232.58658	57178.37109	505372.7	5410592.9
L5370.1	505372.8	5410591.5	19090.59961	424.59	0	48.848270	-86.926766	57000.71	56232.8	17.17	57017.88	56975.34375	57245.53501	57191.60938	505372.8	5410591.5
L5370.1	505372.8	5410591.5	19090.69922	425.33	0	48.848270	-86.926766	57000.86	56232.8	17.17	57018.03	56975.34375	57245.91955	57192.29297	505372.8	5410591.5
L5370.1	505372.8	5410589.8	19090.80078	426.27	0	48.848255	-86.926765	57001.33	56232.8	17.17	57018.50	56975.67188	57255.35400	57202.03125	505372.8	5410589.8
L5370.1	505372.9	5410588.6	19090.90039	426.62	0	48.848244	-86.926764	57002.23	56232.8	17.18	57019.40	56976.43359	57276.64404	57223.63672	505372.9	5410588.6
L5370.1	505372.9	5410588.6	19091.00000	427.09	0	48.848244	-86.926764	57002.25	56232.8	17.18	57019.43	56976.33594	57276.75870	57224.07813	505372.9	5410588.6
L5370.1	505372.9	5410587.4	19091.09961	425.46	0	48.848233	-86.926764	57003.05	56232.8	17.18	57020.23	56977.00781	57297.38842	57245.04297	505372.9	5410587.4
L5370.1	505373.0	5410586.0	19091.19922	426.03	0	48.848220	-86.926763	57002.90	56232.8	17.18	57020.08	56976.73828	57294.82646	57242.81641	505373.0	5410586.0
L5370.1	505373.0	5410586.0	19091.30078	425.77	0	48.848220	-86.926763	57003.70	56232.8	17.18	57020.88	56977.42188	57317.37008	57265.70703	505373.0	5410586.0
L5370.1	505373.1	5410584.2	19091.40039	425.26	0	48.848204	-86.926762	57003.54	56232.8	17.18	57020.72	56977.15234	57316.48229	57265.17969	505373.1	5410584.2
L5370.1	505373.1	5410582.8	19091.50000	423.51	0	48.848192	-86.926761	57004.16	56232.8	17.18	57021.35	56977.67969	57336.64671	57285.71094	505373.1	5410582.8
L5370.1	505373.1	5410582.8	19091.59961	422.85	0	48.848192	-86.926761	57004.29	56232.8	17.19	57021.47	56977.69922	57344.82856	57294.26563	505373.1	5410582.8
L5370.1	505373.1	5410581.6	19091.69922	424.33	0	48.848181	-86.926761	57004.62	56232.8	17.19	57021.81	56977.94922	57359.58611	57309.40234	505373.1	5410581.6
L5370.1	505373.2	5410580.6	19091.80078	425.56	0	48.848172	-86.926761	57004.46	56232.8	17.19	57021.65	56977.69922	57362.62429	57312.82813	505373.2	5410580.6
L5370.1	505373.2	5410579.1	19091.90039	423.48	0	48.848159	-86.926760	57003.57	56232.8	17.19	57020.75	56976.71484	57347.84678	57298.44531	505373.2	5410579.1
L5370.1	505373.2	5410579.1	19092.00000	422.92	0	48.848159	-86.926760	57004.18	56232.8	17.19	57021.37	56977.25781	57372.69567	57323.70313	505373.2	5410579.1
L5370.1	505373.2	5410577.5	19092.09961	422.35	0	48.848144	-86.926760	57003.62	56232.8	17.19	57020.81	56976.62891	57368.55071	57319.96875	505373.2	5410577.5
L5370.1	505373.3	5410576.2	19092.19922	423.76	0	48.848132	-86.926760	57004.26	56232.8	17.19	57021.45	56977.19922	57395.90239	57347.73828	505373.3	5410576.2
L5370.1	505373.3	5410576.2	19092.30078	423.66	0	48.848132	-86.926760	57003.41	56232.8	17.19	57020.60	56976.28906	57386.38316	57338.64453	505373.3	5410576.2
L5370.1	505373.3	5410574.6	19092.40039	422.46	0	48.848118	-86.926759	57003.48	56232.8	17.19	57020.67	56976.30078	57401.24444	57353.94141	505373.3	5410574.6
L5370.1	505373.3	5410573.6	19092.50000	421.46	0	48.848109	-86.926759	57002.84	56232.8	17.19	57020.03	56975.60938	57399.05776	57352.19922	505373.3	5410573.6
L5370.1	505373.3	5410572.2	19092.59961	425.11	0	48.848096	-86.926759	57002.64	56232.8	17.19	57019.83	56975.36328	57409.04934	57362.64453	505373.3	5410572.2
L5370.1	505373.3	5410572.2	19092.69922	425.14	0	48.848096	-86.926759	57002.15	56232.8	17.19	57019.34	56974.83203	57412.66324	57366.71094	505373.3	5410572.2
L5370.1	505373.3	5410570.9	19092.80078	424.57	0	48.848085	-86.926759	57001.56	56232.8	17.19	57018.75	56974.20313	57414.72515	57369.23438	505373.3	5410570.9
L5370.1	505373.3	5410569.7	19092.90039	424.64	0	48.848074	-86.926758	57001.71	56232.8	17.19	57018.90	56974.32031	57436.58015	57391.56641	505373.3	5410569.7
L5370.1	505373.3	5410569.7	19093.00000	424.97	0	48.848074	-86.926758	56999.91	56232.8	17.19	57017.10	56972.49219	57409.85538	57365.32031	505373.3	5410569.7
L5370.1	505373.4	5410568.2	19093.09961	423.85	0	48.848061	-86.926758	56999.93	56232.8	17.19	57017.13	56972.50000	57430.61639	57386.57031	505373.4	5410568.2
L5370.1	505373.4	5410566.9	19093.19922	423.94	0	48.848049	-86.926758	56998.24	56232.8	17.20	57015.43	56970.78516	57408.37721	57364.82031	505373.4	5410566.9

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5370.1	505373.4	5410566.9	19093.30078	422.31	0	48.848049	-86.926758	56998.08	56232.8	17.20	57015.28	56970.62109	57426.49407	57383.43750	505373.4	5410566.9
L5370.1	505373.4	5410565.6	19093.40039	422.47	0	48.848037	-86.926758	56996.70	56232.8	17.20	57013.90	56969.23047	57414.30370	57371.75391	505373.4	5410565.6
L5370.1	505373.4	5410564.3	19093.50000	423.32	0	48.848026	-86.926758	56995.66	56232.8	17.21	57012.87	56968.19922	57411.95430	57369.92188	505373.4	5410564.3
L5370.1	505373.4	5410562.6	19093.59961	422.42	0	48.848010	-86.926757	56994.76	56232.8	17.21	57011.97	56967.29688	57413.84520	57372.33594	505373.4	5410562.6
L5370.1	505373.4	5410560.9	19093.69922	421.46	0	48.847995	-86.926757	56993.47	56232.8	17.21	57010.68	56966.01172	57406.75031	57365.76563	505373.4	5410560.9
L5370.1	505373.4	5410560.9	19093.80078	423.05	0	48.847995	-86.926757	56992.78	56232.8	17.21	57009.99	56965.33203	57415.82049	57375.36719	505373.4	5410560.9
L5370.1	505373.4	5410559.5	19093.90039	423.73	0	48.847983	-86.926757	56990.87	56232.8	17.22	57008.09	56963.44531	57395.04211	57355.13281	505373.4	5410559.5
L5370.1	505373.4	5410559.5	19094.00000	426.36	0	48.847983	-86.926757	56990.28	56232.8	17.22	57007.50	56962.87500	57408.45060	57369.08984	505373.4	5410559.5
L5370.1	505373.4	5410557.9	19094.09961	428.50	0	48.847968	-86.926757	56987.68	56232.8	17.22	57004.90	56960.29688	57371.65341	57332.84766	505373.4	5410557.9
L5370.1	505373.4	5410556.5	19094.19922	427.98	0	48.847955	-86.926758	56987.24	56232.8	17.23	57004.46	56959.88281	57390.62047	57352.37109	505373.4	5410556.5
L5370.1	505373.4	5410555.0	19094.30078	441.01	0	48.847942	-86.926758	56985.23	56232.8	17.23	57002.46	56957.91016	57370.79175	57333.10938	505373.4	5410555.0
L5370.1	505373.4	5410555.0	19094.40039	441.56	0	48.847942	-86.926758	56984.20	56232.8	17.23	57001.43	56956.91406	57376.45433	57339.34375	505373.4	5410555.0
L5370.1	505373.4	5410553.9	19094.50000	440.25	0	48.847932	-86.926758	56982.24	56232.8	17.24	56999.48	56955.00391	57359.55761	57323.02734	505373.4	5410553.9
L5370.1	505373.4	5410552.4	19094.59961	438.98	0	48.847918	-86.926758	56980.44	56232.8	17.24	56997.68	56953.24609	57347.28071	57311.33594	505373.4	5410552.4
L5370.1	505373.3	5410550.8	19094.69922	438.06	0	48.847904	-86.926759	56979.18	56232.8	17.24	56996.42	56952.03125	57349.51960	57314.16406	505373.3	5410550.8
L5370.1	505373.3	5410550.8	19094.80078	436.82	0	48.847904	-86.926759	56976.61	56232.8	17.24	56993.85	56949.51172	57319.23871	57284.47656	505373.3	5410550.8
L5370.1	505373.3	5410549.3	19094.90039	435.30	0	48.847890	-86.926759	56975.45	56232.8	17.25	56992.69	56948.40625	57325.55145	57291.39063	505373.3	5410549.3
L5370.1	505373.3	5410547.6	19095.00000	433.52	0	48.847875	-86.926759	56972.69	56232.8	17.25	56989.94	56945.71484	57292.19332	57258.64453	505373.3	5410547.6
L5370.1	505373.3	5410547.6	19095.09961	434.57	0	48.847875	-86.926759	56971.82	56232.7	17.25	56989.07	56944.90234	57307.33856	57274.40234	505373.3	5410547.6
L5370.1	505373.3	5410545.9	19095.19922	436.05	0	48.847860	-86.926759	56969.19	56232.7	17.25	56986.44	56942.33984	57278.45582	57246.13281	505373.3	5410545.9
L5370.1	505373.3	5410544.2	19095.30078	434.64	0	48.847844	-86.926759	56967.90	56232.7	17.26	56985.15	56941.11719	57284.31476	57252.61328	505373.3	5410544.2
L5370.1	505373.3	5410544.2	19095.40039	434.61	0	48.847844	-86.926759	56965.22	56232.7	17.26	56982.48	56938.51953	57255.76568	57224.69531	505373.3	5410544.2
L5370.1	505373.3	5410542.8	19095.50000	436.22	0	48.847832	-86.926759	56962.81	56232.7	17.26	56980.07	56936.18359	57234.47074	57204.03516	505373.3	5410542.8
L5370.1	505373.3	5410541.4	19095.59961	434.01	0	48.847820	-86.926759	56960.79	56232.7	17.26	56978.05	56934.24219	57223.71417	57193.91797	505373.3	5410541.4
L5370.1	505373.3	5410541.4	19095.69922	434.13	0	48.847820	-86.926759	56958.56	56232.7	17.26	56975.82	56932.09375	57208.22653	57179.07031	505373.3	5410541.4
L5370.1	505373.4	5410539.9	19095.80078	434.79	0	48.847806	-86.926759	56957.32	56232.7	17.27	56974.59	56930.94922	57218.74043	57190.23047	505373.4	5410539.9
L5370.1	505373.4	5410538.2	19095.90039	437.17	0	48.847790	-86.926758	56954.41	56232.7	17.27	56971.67	56928.11719	57186.86729	57159.01172	505373.4	5410538.2
L5370.1	505373.4	5410538.2	19096.00000	436.82	0	48.847790	-86.926758	56952.94	56232.7	17.27	56970.21	56926.74609	57192.64565	57165.44922	505373.4	5410538.2
L5370.1	505373.4	5410536.9	19096.09961	439.53	0	48.847779	-86.926758	56950.14	56232.7	17.27	56967.41	56924.04297	57164.89088	57138.35547	505373.4	5410536.9
L5370.1	505373.4	5410535.6	19096.19922	440.21	0	48.847767	-86.926758	56948.88	56232.7	17.28	56966.15	56922.87891	57176.77901	57150.90625	505373.4	5410535.6
L5370.1	505373.4	5410535.6	19096.30078	440.75	0	48.847767	-86.926758	56945.88	56232.7	17.28	56963.16	56919.99219	57145.17985	57119.97656	505373.4	5410535.6
L5370.1	505373.5	5410533.7	19096.40039	440.34	0	48.847750	-86.926757	56943.67	56232.7	17.28	56960.95	56917.88281	57133.86548	57109.33594	505373.5	5410533.7
L5370.1	505373.5	5410532.3	19096.50000	442.70	0	48.847738	-86.926757	56941.15	56232.7	17.29	56958.43	56915.46875	57115.11166	57091.26172	505373.5	5410532.3
L5370.1	505373.5	5410532.3	19096.59961	441.82	0	48.847738	-86.926757	56938.34	56232.7	17.29	56955.63	56912.78125	57089.65967	57066.49219	505373.5	5410532.3
L5370.1	505373.5	5410530.8	19096.69922	442.51	0	48.847724	-86.926756	56936.41	56232.7	17.29	56953.70	56910.96094	57086.71631	57064.23047	505373.5	5410530.8
L5370.1	505373.6	5410529.7	19096.80078	444.67	0	48.847714	-86.926756	56932.81	56232.7	17.29	56950.10	56907.47656	57041.70473	57019.90625	505373.6	5410529.7
L5370.1	505373.6	5410528.3	19096.90039	441.06	0	48.847702	-86.926756	56931.08	56232.7	17.30	56948.38	56905.87500	57044.82936	57023.72266	505373.6	5410528.3
L5370.1	505373.6	5410528.3	19097.00000	440.35	0	48.847702	-86.926756	56927.57	56232.7	17.30	56944.87	56902.48438	57002.79387	56982.38672	505373.6	5410528.3
L5370.1	505373.6	5410526.8	19097.09961	440.04	0	48.847688	-86.926756	56926.18	56232.7	17.30	56943.48	56901.21875	57014.95255	56995.24609	505373.6	5410526.8
L5370.1	505373.6	5410525.3	19097.19922	441.77	0	48.847674	-86.926756	56922.86	56232.7	17.30	56940.16	56898.02344	56978.35141	56959.33984	505373.6	5410525.3
L5370.1	505373.6	5410523.8	19097.30078	441.12	0	48.847662	-86.926756	56920.81	56232.7	17.30	56938.11	56896.10547	56974.29997	56955.99219	505373.6	5410523.8
L5370.1	505373.6	5410523.8	19097.40039	439.88	0	48.847662	-86.926756	56918.13	56232.7	17.30	56935.43	56893.55469	56954.48822	56936.88672	505373.6	5410523.8
L5370.1	505373.6	5410522.9	19097.50000	441.04	0	48.847653	-86.926756	56915.63	56232.7	17.30	56932.93	56891.18750	56939.48277	56922.59375	505373.6	5410522.9
L5370.1	505373.5	5410521.1	19097.59961	441.54	0	48.847637	-86.926756	56913.13	56232.7	17.30	56930.43	56888.82422	56924.68898	56908.51563	505373.5	5410521.1
L5370.1	505373.5	5410520.1	19097.69922	441.91	0	48.847627	-86.926757	56909.86	56232.7	17.30	56927.16	56885.69531	56890.51726	56875.05469	505373.5	5410520.1
L5370.1	505373.5	5410520.1	19097.80078	442.34	0	48.847627	-86.926757	56907.98	56232.7	17.30	56925.28	56883.95313	56891.84613	56877.09375	505373.5	5410520.1
L5370.1	505373.5	5410518.9	19097.90039	440.73	0	48.847617	-86.926757	56904.86	56232.7	17.30	56922.16	56880.97656	56861.81353	56847.78125	505373.5	5410518.9
L5370.1	505373.5	5410517.0	19098.00000	440.05	0	48.847600	-86.926757	56903.29	56232.7	17.30	56920.59	56879.55469	56871.31049	56858.00391	505373.5	5410517.0
L5370.1	505373.5	5410517.0	19098.09961	439.19	0	48.847600	-86.926757	56900.07	56232.7	17.30	56917.38	56876.49219	56839.24286	56826.65625	505373.5	5410517.0
L5370.1	505373.5	5410515.2	19098.19922	435.29	0	48.847583	-86.926758	56898.32	56232.7	17.30	56915.63	56874.89453	56844.38125	56832.51563	505373.5	5410515.2
L5370.1	505373.4	5410513.9	19098.30078	437.52	0	48.847572	-86.926758	56895.39	56232.7	17.31	56912.69	56872.10547	56819.35672	56808.21484	505373.4	5410513.9
L5370.1	505373.4	5410513.9	19098.40039	437.83	0	48.847572	-86.926758	56892.96	56232.7	17.31	56910.27	56869.83984	56807.61292	56797.19922	505373.4	5410513.9
L5370.1	505373.4	5410512.8	19098.50000	437.83	0	48.847562	-86.926758	56890.44	56232.7	17.31	56907.75	56867.48047	56793.37546	56783.69141	505373.4	5410512.8
L5370.1	505373.4	5410511.3	19098.59961	438.69	0	48.847549	-86.926758	56887.69	56232.7	17.31	56905.00	56864.88672	56773.32407	56764.36719	505373.4	5410511.3
L5370.1	505373.4	5410510.0	19098.69922	436.15	0	48.847537	-86.926758	56886.17	56232.7	17.31	56903.48	56863.53125	56784.54977	56776.32031	505373.4	5410510.0
L5370.1	505373.4	5410510.0	19098.80078	437.13	0	48.847537	-86.926758	56883.34	56232.7	17.32	56900.66	56860.87500	56762.73563	56755.23438	505373.4	5410510.0
L5370.1	505373.4	5410508.3	19098.90039	436.03	0	48.847521	-86.926759	56881.90	56232.7	17.32	56899.22	56859.60156	56775.98065	56769.21094	505373.4	5410508.3
L5370.1	505373.4	5410508.3	19099.00000	435.17	0	48.847521	-86.926759	56878.75	56232.7	17.32	56896.07	56856.61719	56745.73607	56739.69922	505373.4	5410508.3
L5370.1	505373.4	5410506.8	19099.09961	434.29	0	48.847508	-86.926759	56877.34	56232.7	17.32	56894.66	56855.37891	56759.67189	56754.36719	505373.4	5410506.8
L5370.1	505373.3	5410505.2	19099.19922	435.77	0	48.847493	-86.926759	56874.30	56232.7	17.32	56891.62	56852.51172	56732.12391	56727.54688	505373.3	5410505.2
L5370.1	505373.3	5410503.5	19099.30078	437.60	0	48.847479	-86.926760	56872.24	56232.7	17.32	56889.56	56850.62500	56729.41395	56725.56641	505373.3	5410503.5
L5370.1	505373.3	5410502.6	19099.40039	440.34	0	48.847470	-86.926760	56870.13	56232.7	17.32	56887.45	56848.69141	56725.35139	56722.23438	505373.3	5410502.6
L5370.1	505373.3	5410501.3	19099.50000	440.18	0	48.847459	-86.926760	56867.94	56232.7	17.33	56885.26	56846.67969	56719.16171	56716.78125	505373.3	5410501.3
L5370.1	505373.3	5410501.3	19099.59961	439.99	0	48.847459	-86.926760	56866.39	56232.7	17.33	56883.72	56845.32031	56729.38680	56727.73438	505373.3	5410501.3
L5370.1	505373.3	5410501.3	19099.69922	438.54	0	48.847459	-86.926760	56863.40	56232.7	17.33	56880.73	56842.51563	56702.64275	56701.71875	505373.3	5410501.3
L5370.1	505373.3	5410499.3	19099.80078	439.44	0	48.847440	-86.926760	56862.53	56232.7	17.33	56879.86	56841.82813	56729.65281	56729.45313	505373.3	5410499.3
L5370.1	505373.3	5410497.4	19099.90039	440.34	0	48.847424	-86.926761	56859.93	56232.7	17.33	56877.26	56839.41406	56712.55669	56713.08594	505373.3	5410497.4
L5370.1	505373.3	5410497.4	19100.00000	439.67	0	48.847424	-86.926761	56859.13	56232.7	17.33	56876.46	56838.80469	56741.06196	56742.32031	505373.3	5410497.4
L5370.1	505373.2	5410495.7	19100.09961	440.32	0	48.847409	-86.926761	56855.94	56232.7	17.33	56873.27	56835.80469	56708.66796	56710.65234	505373.2	5410495.7
L5370.1	505373.2	5410494.7	19100.19922	441.62	0	48.847399	-86.926761	56854.73	56232.7	17.34	56872.07	56834.79688	56726.68647	56729.39453	505373.2	5410494.7
L5370.1	505373.2	5410493.4	19100.30078	437.89	0	48.847388	-86.926761	56853.03	56232.7	17.35	56870.37	56833.28906	56731.82434	56735.25000	505373.2	5410493.4
L5370.1	505373.2	5410493.4	19100.40039	439.72	0	48.847388	-86.926761	56851.43	56232.7	17.35	56868.78	56831.89844	56739.57731	56743.72656	505373.2	5410493.4
L5370.1	505373.2	5410491.7	19100.50000	443.06	0	48.847373	-86.926761	56849.30	56232.6	17.36	56866.65	56829.96484	56733.41787	56738.28906	505373.2	5410491.7
L5370.1	505373.2	5410490.5	19100.59961	443.55	0	48.847362	-86.926762	56846.54	56232.6	17.36	56863.90	56827.41406	56711.30583	56716.89453	505373.2	5410490.5
L5370.1	505373.2	5410489.3	19100.69922	443.01	0	48.847350	-86.926762	56846.13	56232.6	17.36	56863.49	56827.20703	56748.46495	56754.76563	505373.2	5410489.3
L5370.1	505373.2	5410487.9	19100.80078	446.03	0	48.847338	-86.926762	56843.94	56232.6	17.37	56861.31	56825.23047	56740.43085	56747.44141	505373.2	5410487.9
L5370.1	505373.2	5410487.9	19100.90039	443.96	0	48.847338	-86.926762	56842.98	56232.6	17.38	56860.36	56824.48438	56763.44470	56771.16406	505373.2	5410487.9
L5370.1	505373.2	5410487.9	19101.00000	444.84	0	48.847338	-86.926762	56839.92	56232.6	17.38	56857.30	56821.62891	56732.61290	56741.04297	505373.2	5410487.9
L5370.1	505373.1	5410485.0	19101.09961	435.84	0	48.847312	-86.926762	56839.20	56232.6	17.38	56856.58	56821.11719	56761.03002	56770.16406	505373.1	5410485.0
L5370.1	505373.1	5410485.0	19101.19922	436.85	0	48.847312	-86.926762	56837.17	56232.6	17.38	56854.55	56819.29688	56755.92431	56765.75781	505373.1	5410485.0
L5370.1	505373.1	5410483.7	19101.30078	436.26	0	48.847301	-86.926762	56835.68	56232.6	17.38	56853.06	56818.01953	56764.31032	56774.83984	505373.1	5410483.7
L5370.1	505373.1	5410482.3	19101.40039	435.79	0	48.847288	-86.926763	56834.13	56232.6	17.38	56851.50	56816.67188	56770.68047	56781.90625	505373.1	5410482.3
L5370.1	505373.1	5410482.3	19101.50000	443.34	0	48.847288	-86.926763	56831.30	56232.6	17.38	56848.68	56814.06641	56744.78637	56756.70313	505373.1	5410482.3
L5370.1	505373.1	5410481.0	19101.59961	432.83	0	48.847276	-86.926763	56830.29	56232.6	17.38	56847.67	56813.27344	56764.65051	56777.25781	505373.1	5410481.0
L5370.1	505373.1	5410479.6	19101.69922	435.41	0	48.847264	-86.926763	56828.13	56232.6	17.38	56845.50	56811.32422	56754.78518	56768.07422	505373.1	5410479.6
L5370.1	505373.1	5410479.6	19101.80078	435.47	0	48.847264	-86.926763	56828.46	56232.6	17.38	56845.84	56811.88281	56808.46274	56822.42969	505373.1	5410479.6
L5370.1	505373.1	5410478.0	19101.90039	434.29	0	48.847249	-86.926763	56826.82	56232.6	17.38	56844.20	56810.46484	56811.56411	56826.21094	505373.1	5410478.0
L5370.1	505373.1	5410476.3	19102.00000	433.02	0	48.847234	-86.926763	56826.10	56232.6	17.38	56843.48	56809.96484	56837.79201	56853.11328	505373.1	5410476.3
L5370.1	505373.1	5410475.0	19102.09961	434.99	0	48.847222	-86.926763	56823.59	56232.6	17.38	56840.98	56807.69141	56818.52172	56834.51172	505373.1	5410475.0
L5370.1	505373.1	5410475.0	19102.19922	436.65	0	48.847222	-86.926763	56822.13	56232.6	17.38	56839.51	56806.44531	56825.16883	56841.82031	505373.1	5410475.0
L5370.1	505373.1	5410473.4	19102.30078	442.44	0	48.847207	-86.926763	56820.25	56232.6	17.39	56837.63	56804.79297	56821.13259	56838.44141	505373.1	5410473.4
L5370.1	505373.1	5410473.4	19102.40039	445.04	0	48.847207	-86.926763	56818.22	56232.6	17.39	56835.61	56803.00000	56813.27310	56831.23828	505373.1	5410473.4
L5370.1	505373.1	5410471.6	19102.50000	446.34	0	48.847191	-86.926763	56817.32	56232.6	17.39	56834.71	56802.32813	56833.61202	56852.22656	505373.1	5410471.6

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5370.1	505373.1	5410469.9	19102.59961	437.86	0	48.847176	-86.926763	56815.51	56232.6	17.39	56832.90	56800.75000	56830.55361	56849.81641	505373.1	5410469.9
L5370.1	505373.1	5410469.9	19102.69922	436.16	0	48.847176	-86.926763	56814.99	56232.6	17.39	56832.39	56800.46875	56860.26448	56880.16406	505373.1	5410469.9
L5370.1	505373.1	5410468.0	19102.80078	441.47	0	48.847159	-86.926763	56813.29	56232.6	17.40	56830.68	56798.99219	56859.20361	56879.73438	505373.1	5410468.0
L5370.1	505373.1	5410467.1	19102.90039	439.77	0	48.847151	-86.926763	56812.48	56232.6	17.40	56829.88	56798.42578	56880.99604	56902.15625	505373.1	5410467.1
L5370.1	505373.1	5410465.3	19103.00000	438.34	0	48.847135	-86.926763	56810.25	56232.6	17.40	56827.65	56796.42969	56866.16723	56887.95313	505373.1	5410465.3
L5370.1	505373.1	5410464.3	19103.09961	434.50	0	48.847126	-86.926763	56809.28	56232.6	17.40	56826.68	56795.69531	56883.08323	56905.48828	505373.1	5410464.3
L5370.1	505373.1	5410464.3	19103.19922	433.53	0	48.847126	-86.926763	56807.79	56232.6	17.40	56825.19	56794.44531	56886.50215	56909.51953	505373.1	5410464.3
L5370.1	505373.1	5410462.9	19103.30078	431.89	0	48.847114	-86.926763	56806.04	56232.6	17.40	56823.44	56792.92969	56883.02992	56906.64844	505373.1	5410462.9
L5370.1	505373.1	5410461.6	19103.40039	431.88	0	48.847102	-86.926763	56804.77	56232.6	17.40	56822.17	56791.89844	56891.47184	56915.69141	505373.1	5410461.6
L5370.1	505373.1	5410461.6	19103.50000	432.46	0	48.847102	-86.926763	56803.18	56232.6	17.40	56820.58	56790.55078	56891.49306	56916.30859	505373.1	5410461.6
L5370.1	505373.1	5410460.0	19103.59961	435.23	0	48.847087	-86.926763	56802.33	56232.6	17.40	56819.73	56789.93750	56910.03166	56935.43359	505373.1	5410460.0
L5370.1	505373.1	5410458.7	19103.69922	437.79	0	48.847075	-86.926763	56800.19	56232.6	17.40	56817.59	56788.03906	56895.49124	56921.47266	505373.1	5410458.7
L5370.1	505373.1	5410458.7	19103.80078	437.80	0	48.847075	-86.926763	56799.49	56232.6	17.40	56816.89	56787.58203	56917.25370	56943.80859	505373.1	5410458.7
L5370.1	505373.1	5410456.7	19103.90039	439.34	0	48.847057	-86.926763	56797.00	56232.6	17.40	56814.40	56785.33203	56893.22353	56920.34375	505373.1	5410456.7
L5370.1	505373.1	5410455.2	19104.00000	438.63	0	48.847044	-86.926763	56795.94	56232.6	17.40	56813.34	56784.51563	56905.23591	56932.91797	505373.1	5410455.2
L5370.1	505373.1	5410455.2	19104.09961	438.89	0	48.847044	-86.926763	56794.32	56232.6	17.40	56811.72	56783.13672	56902.71033	56930.94531	505373.1	5410455.2
L5370.1	505373.1	5410453.7	19104.19922	437.88	0	48.847030	-86.926763	56793.14	56232.6	17.41	56810.55	56782.21094	56911.31299	56940.09375	505373.1	5410453.7
L5370.1	505373.1	5410452.4	19104.30078	436.80	0	48.847019	-86.926763	56791.77	56232.6	17.41	56809.18	56781.08594	56914.51988	56943.83594	505373.1	5410452.4
L5370.1	505373.2	5410450.8	19104.40039	440.13	0	48.847004	-86.926763	56790.09	56232.6	17.41	56807.50	56779.64844	56909.53122	56939.37500	505373.2	5410450.8
L5370.1	505373.2	5410450.8	19104.50000	442.19	0	48.847004	-86.926763	56788.93	56232.6	17.42	56806.35	56778.74219	56917.69182	56948.06250	505373.2	5410450.8
L5370.1	505373.2	5410449.4	19104.59961	439.48	0	48.846992	-86.926763	56786.92	56232.6	17.42	56804.34	56776.97656	56903.66938	56934.55078	505373.2	5410449.4
L5370.1	505373.2	5410447.8	19104.69922	438.14	0	48.846977	-86.926762	56785.97	56232.6	17.42	56803.39	56776.26953	56916.25707	56947.64453	505373.2	5410447.8
L5370.1	505373.2	5410446.3	19104.80078	439.16	0	48.846964	-86.926762	56783.79	56232.6	17.42	56801.22	56774.33984	56897.50213	56929.38281	505373.2	5410446.3
L5370.1	505373.2	5410446.3	19104.90039	439.82	0	48.846964	-86.926762	56782.81	56232.6	17.43	56800.24	56773.60547	56908.65088	56941.02344	505373.2	5410446.3
L5370.1	505373.2	5410444.8	19105.00000	438.91	0	48.846950	-86.926762	56780.85	56232.6	17.43	56798.28	56771.88672	56894.54573	56927.39844	505373.2	5410444.8
L5370.1	505373.2	5410444.8	19105.09961	437.77	0	48.846950	-86.926762	56779.53	56232.6	17.43	56796.96	56770.80859	56896.35405	56929.67578	505373.2	5410444.8
L5370.1	505373.2	5410443.5	19105.19922	436.32	0	48.846939	-86.926762	56777.48	56232.6	17.43	56794.91	56769.00391	56879.25023	56913.03516	505373.2	5410443.5
L5370.1	505373.2	5410442.1	19105.30078	436.17	0	48.846926	-86.926762	56775.73	56232.6	17.43	56793.16	56767.49219	56869.40586	56903.64063	505373.2	5410442.1
L5370.1	505373.2	5410442.1	19105.40039	432.84	0	48.846926	-86.926762	56774.59	56232.6	17.43	56792.03	56766.60547	56874.94716	56909.62500	505373.2	5410442.1
L5370.1	505373.2	5410440.3	19105.50000	433.11	0	48.846910	-86.926762	56772.86	56232.6	17.43	56790.30	56765.11328	56864.86001	56899.96875	505373.2	5410440.3
L5370.1	505373.2	5410438.6	19105.59961	433.85	0	48.846895	-86.926762	56771.63	56232.6	17.44	56789.07	56764.12500	56867.09426	56902.62891	505373.2	5410438.6
L5370.1	505373.2	5410437.3	19105.69922	434.61	0	48.846883	-86.926762	56769.23	56232.6	17.44	56786.67	56761.96094	56839.19820	56875.14063	505373.2	5410437.3
L5370.1	505373.2	5410437.3	19105.80078	432.50	0	48.846883	-86.926762	56768.06	56232.6	17.44	56785.49	56761.01953	56841.90734	56878.25000	505373.2	5410437.3
L5370.1	505373.3	5410435.4	19105.90039	434.55	0	48.846866	-86.926761	56765.91	56232.6	17.44	56783.35	56759.11328	56819.80745	56856.54297	505373.3	5410435.4
L5370.1	505373.3	5410434.0	19106.00000	435.60	0	48.846853	-86.926761	56764.65	56232.6	17.44	56782.09	56758.08984	56819.65493	56856.76953	505373.3	5410434.0
L5370.1	505373.3	5410434.0	19106.09961	438.18	0	48.846853	-86.926761	56762.82	56232.6	17.44	56780.26	56756.49219	56804.58847	56842.07422	505373.3	5410434.0
L5370.1	505373.3	5410432.2	19106.19922	440.32	0	48.846837	-86.926761	56761.06	56232.6	17.44	56778.50	56754.96484	56790.86524	56828.70703	505373.3	5410432.2
L5370.1	505373.3	5410430.9	19106.30078	440.95	0	48.846825	-86.926761	56759.60	56232.6	17.44	56777.04	56753.73438	56784.32175	56822.50781	505373.3	5410430.9
L5370.1	505373.3	5410430.9	19106.40039	439.42	0	48.846825	-86.926761	56757.68	56232.6	17.44	56775.12	56752.04297	56765.63282	56804.15234	505373.3	5410430.9
L5370.1	505373.3	5410429.3	19106.50000	441.72	0	48.846811	-86.926761	56756.70	56232.6	17.44	56774.14	56751.28906	56770.37086	56809.21094	505373.3	5410429.3
L5370.1	505373.3	5410427.4	19106.59961	440.23	0	48.846793	-86.926760	56754.40	56232.6	17.45	56771.85	56749.22266	56741.34102	56780.48828	505373.3	5410427.4
L5370.1	505373.3	5410427.4	19106.69922	439.14	0	48.846793	-86.926760	56753.56	56232.6	17.45	56771.01	56748.60547	56748.68062	56788.12500	505373.3	5410427.4
L5370.1	505373.4	5410426.5	19106.80078	439.46	0	48.846786	-86.926760	56751.32	56232.6	17.45	56768.76	56746.57422	56719.69094	56759.41406	505373.4	5410426.5
L5370.1	505373.4	5410425.4	19106.90039	440.02	0	48.846776	-86.926760	56750.07	56232.6	17.45	56767.52	56745.55469	56715.86768	56755.86328	505373.4	5410425.4
L5370.1	505373.4	5410424.1	19107.00000	438.16	0	48.846764	-86.926760	56747.87	56232.6	17.45	56765.32	56743.57031	56687.13179	56727.38281	505373.4	5410424.1
L5370.1	505373.4	5410422.8	19107.09961	436.98	0	48.846753	-86.926760	56746.83	56232.6	17.45	56764.28	56742.74219	56687.35406	56727.84766	505373.4	5410422.8
L5370.1	505373.4	5410422.8	19107.19922	437.90	0	48.846753	-86.926760	56745.04	56232.6	17.45	56762.48	56741.15234	56667.72602	56708.44531	505373.4	5410422.8
L5370.1	505373.4	5410421.2	19107.30078	437.75	0	48.846739	-86.926760	56743.33	56232.6	17.44	56760.78	56739.66016	56650.09462	56691.02344	505373.4	5410421.2
L5370.1	505373.4	5410419.5	19107.40039	436.18	0	48.846723	-86.926759	56741.93	56232.6	17.44	56759.38	56738.46484	56639.53243	56680.66016	505373.4	5410419.5
L5370.1	505373.4	5410418.6	19107.50000	436.08	0	48.846715	-86.926759	56740.12	56232.6	17.44	56757.56	56736.84766	56617.72960	56659.04297	505373.4	5410418.6
L5370.1	505373.4	5410418.6	19107.59961	435.97	0	48.846715	-86.926759	56739.14	56232.6	17.44	56756.58	56736.06641	56616.69925	56658.17969	505373.4	5410418.6
L5370.1	505373.5	5410417.2	19107.69922	437.09	0	48.846702	-86.926759	56737.20	56232.6	17.44	56754.64	56734.32031	56590.68266	56632.31250	505373.5	5410417.2
L5370.1	505373.5	5410415.6	19107.80078	437.36	0	48.846688	-86.926759	56736.27	56232.6	17.43	56753.70	56733.57031	56589.48395	56631.25000	505373.5	5410415.6
L5370.1	505373.5	5410414.6	19107.90039	436.15	0	48.846679	-86.926759	56734.06	56232.6	17.43	56751.50	56731.55859	56555.65330	56597.53906	505373.5	5410414.6
L5370.1	505373.5	5410414.6	19108.00000	435.05	0	48.846679	-86.926759	56733.04	56232.6	17.43	56750.47	56730.71484	56550.94031	56592.92969	505373.5	5410414.6
L5370.1	505373.5	5410412.9	19108.09961	436.16	0	48.846663	-86.926759	56731.36	56232.6	17.43	56748.79	56729.21484	56529.07822	56571.15234	505373.5	5410412.9
L5370.1	505373.5	5410411.4	19108.19922	437.60	0	48.846650	-86.926759	56730.35	56232.6	17.43	56747.78	56728.38281	56523.60551	56565.75000	505373.5	5410411.4
L5370.1	505373.5	5410410.2	19108.30078	438.13	0	48.846639	-86.926759	56729.04	56232.6	17.43	56746.47	56727.24609	56509.85898	56552.05469	505373.5	5410410.2
L5370.1	505373.5	5410410.2	19108.40039	435.41	0	48.846639	-86.926759	56727.84	56232.6	17.43	56745.27	56726.21484	56498.24920	56540.48047	505373.5	5410410.2
L5370.1	505373.5	5410408.8	19108.50000	435.41	0	48.846627	-86.926759	56727.39	56232.6	17.43	56744.82	56725.92969	56505.03250	56547.27734	505373.5	5410408.8
L5370.1	505373.5	5410408.8	19108.59961	436.71	0	48.846627	-86.926759	56725.80	56232.6	17.44	56743.23	56724.50000	56482.16389	56524.40625	505373.5	5410408.8
L5370.1	505373.5	5410407.1	19108.69922	436.80	0	48.846611	-86.926759	56725.26	56232.6	17.44	56742.70	56724.12500	56485.54855	56527.76953	505373.5	5410407.1
L5370.1	505373.5	5410405.5	19108.80078	436.46	0	48.846596	-86.926759	56723.20	56232.6	17.44	56740.63	56722.20703	56449.09687	56491.27734	505373.5	5410405.5
L5370.1	505373.5	5410405.5	19108.90039	437.31	0	48.846596	-86.926759	56722.94	56232.6	17.44	56740.38	56722.10156	56458.19673	56500.32031	505373.5	5410405.5
L5370.1	505373.5	5410404.4	19109.00000	435.85	0	48.846587	-86.926759	56721.70	56232.6	17.44	56739.14	56721.00391	56441.42180	56483.46875	505373.5	5410404.4
L5370.1	505373.5	5410402.6	19109.09961	438.24	0	48.846571	-86.926759	56721.12	56232.6	17.44	56738.56	56720.55859	56440.69982	56482.64844	505373.5	5410402.6
L5370.1	505373.5	5410401.3	19109.19922	437.75	0	48.846559	-86.926759	56720.34	56232.6	17.44	56737.78	56719.91016	56434.16566	56475.99609	505373.5	5410401.3
L5370.1	505373.5	5410401.3	19109.30078	436.28	0	48.846559	-86.926759	56719.56	56232.6	17.45	56737.00	56719.25781	56426.89507	56468.58984	505373.5	5410401.3
L5370.1	505373.5	5410398.7	19109.40039	435.40	0	48.846536	-86.926759	56718.92	56232.6	17.45	56736.37	56718.74609	56422.69344	56464.23047	505373.5	5410398.7
L5370.1	505373.5	5410398.7	19109.50000	436.89	0	48.846536	-86.926759	56717.84	56232.6	17.45	56735.29	56717.78125	56406.30481	56447.66406	505373.5	5410398.7
L5370.1	505373.5	5410397.2	19109.59961	436.36	0	48.846522	-86.926758	56717.76	56232.5	17.45	56735.21	56717.81250	56414.57572	56455.73438	505373.5	5410397.2
L5370.1	505373.5	5410397.2	19109.69922	424.76	0	48.846522	-86.926758	56716.84	56232.5	17.45	56734.29	56716.99609	56400.73566	56441.67578	505373.5	5410397.2
L5370.1	505373.5	5410395.9	19109.80078	427.26	0	48.846510	-86.926758	56717.14	56232.5	17.46	56734.60	56717.40234	56417.38976	56458.08984	505373.5	5410395.9
L5370.1	505373.5	5410395.9	19109.90039	437.03	0	48.846510	-86.926758	56716.89	56232.5	17.46	56734.35	56717.24609	56419.03921	56459.47656	505373.5	5410395.9
L5370.1	505373.5	5410393.9	19110.00000	436.38	0	48.846493	-86.926758	56717.38	56232.5	17.46	56734.83	56717.81250	56438.46588	56478.62109	505373.5	5410393.9
L5370.1	505373.6	5410392.1	19110.09961	439.53	0	48.846477	-86.926758	56716.72	56232.5	17.46	56734.18	56717.24219	56428.39286	56468.24219	505373.6	5410392.1
L5370.1	505373.6	5410391.0	19110.19922	440.13	0	48.846467	-86.926758	56716.02	56232.5	17.46	56733.48	56716.61328	56416.26575	56455.78906	505373.6	5410391.0
L5370.1	505373.6	5410391.0	19110.30078	440.18	0	48.846467	-86.926758	56716.00	56232.5	17.46	56733.46	56716.66016	56420.63516	56459.80859	505373.6	5410391.0
L5370.1	505373.6	5410389.1	19110.40039	442.07	0	48.846449	-86.926758	56715.53	56232.5	17.46	56732.99	56716.25391	56412.77919	56451.58594	505373.6	5410389.1
L5370.1	505373.6	5410387.7	19110.50000	443.39	0	48.846436	-86.926758	56715.77	56232.5	17.46	56733.23	56716.54688	56422.17825	56460.59375	505373.6	5410387.7
L5370.1	505373.6	5410387.7	19110.59961	443.18	0	48.846436	-86.926758	56715.31	56232.5	17.46	56732.77	56716.13281	56412.99517	56450.99609	505373.6	5410387.7
L5370.1	505373.6	5410386.1	19110.69922	442.01	0	48.846423	-86.926758	56715.99	56232.5	17.46	56733.45	56716.85547	56431.99410	56469.55859	505373.6	5410386.1
L5370.1	505373.6	5410384.6	19110.80078	439.06	0	48.846409	-86.926758	56715.70	56232.5	17.46	56733.16	56716.59766	56425.54804	56462.65625	505373.6	5410384.6
L5370.1	505373.6	5410384.6	19110.90039	439.29	0	48.846409	-86.926758	56716.43	56232.5	17.46	56733.89	56717.35547	56444.23466	56480.86328	505373.6	5410384.6
L5370.1	505373.6	5410383.5	19111.00000	438.31	0	48.846399	-86.926758	56716.08	56232.5	17.46	56733.54	56717.02734	56434.68225	56470.80859	505373.6	5410383.5
L5370.1	505373.6	5410382.2	19111.09961	440.22	0	48.846387	-86.926758	56717.14	56232.5	17.46	56734.60	56718.09766	56460.17746	56495.77734	505373.6	5410382.2
L5370.1	505373.6	5410380.4	19111.19922	438.86	0	48.846371	-86.926758	56717.35	56232.5	17.46	56734.81	56718.31250	56463.28326	56498.33594	505373.6	5410380.4
L5370.1	505373.6	5410380.4	19111.30078	443.32	0	48.846371	-86.926758	56717.38	56232.5	17.46	56734.83	56718.33203	56460.77684	56495.26172	505373.6	5410380.4
L5370.1	505373.6	5410379.3	19111.40039	443.54	0	48.846361	-86.926758	56717.58	56232.5	17.46	56735.03	56718.52344	56462.06547	56495.96094	505373.6	5410379.3
L5370.1	505373.6	5410377.8	19111.50000	442.44	0	48.846348	-86.926758	56718.11	56232.5	17.46	56735.56	56719.03516	56470.96556	56504.25000	505373.6	5410377.8
L5370.1	505373.6	5410376.6	19111.59961	441.48	0	48.846337	-86.926757	56719.40	56232.5	17.45	56736.85	56720.30078	56498.41048	56531.05859	505373.6	5410376.6
L5370.1	505373.6	5410376.6	19111.69922	441.95	0	48.846337	-86.926757	56719.67	56232.5	17.45	56737.12	56720.53906	56499.16562	56531.15625	505373.6	5410376.6
L5370.1	505373.6	5410375.3	19111.80078	441.82	0	48.846325	-86.926757	56720.62	56232.5	17.45	56738.07	56721.44922	56516.44337	56547.75781	505373.6	5410375.3

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5370.1	505373.6	5410374.0	19111.90039	440.25	0	48.846313	-86.926757	56720.82	56232.5	17.45	56738.28	56721.61328	56514.15990	56544.77344	505373.6	5410374.0
L5370.1	505373.6	5410374.0	19112.00000	437.75	0	48.846313	-86.926757	56721.94	56232.6	17.45	56739.39	56722.66797	56534.00380	56563.89844	505373.6	5410374.0
L5370.1	505373.6	5410372.3	19112.09961	444.19	0	48.846298	-86.926757	56722.17	56232.5	17.45	56739.62	56722.83594	56530.74272	56559.89453	505373.6	5410372.3
L5370.1	505373.6	5410371.2	19112.19922	445.04	0	48.846289	-86.926757	56723.09	56232.5	17.45	56740.54	56723.68359	56544.28726	56572.67578	505373.6	5410371.2
L5370.1	505373.7	5410369.9	19112.30078	444.74	0	48.846277	-86.926757	56724.20	56232.5	17.45	56741.65	56724.71484	56561.93819	56589.53906	505373.7	5410369.9
L5370.1	505373.7	5410369.9	19112.40039	444.13	0	48.846277	-86.926757	56725.08	56232.5	17.45	56742.53	56725.50781	56573.03006	56599.82813	505373.7	5410369.9
L5370.1	505373.7	5410368.3	19112.50000	442.52	0	48.846262	-86.926757	56726.06	56232.5	17.45	56743.51	56726.39063	56585.95964	56611.93359	505373.7	5410368.3
L5370.1	505373.7	5410366.9	19112.59961	447.36	0	48.846249	-86.926756	56726.88	56232.5	17.46	56744.33	56727.10938	56594.12899	56619.25781	505373.7	5410366.9
L5370.1	505373.7	5410365.5	19112.69922	448.23	0	48.846237	-86.926756	56728.58	56232.5	17.46	56746.03	56728.69531	56623.98101	56648.24219	505373.7	5410365.5
L5370.1	505373.7	5410365.5	19112.80078	448.90	0	48.846237	-86.926756	56729.12	56232.5	17.46	56746.58	56729.12500	56623.93302	56647.30859	505373.7	5410365.5
L5370.1	505373.7	5410364.0	19112.90039	447.32	0	48.846224	-86.926756	56730.20	56232.5	17.46	56747.66	56730.07813	56636.69486	56659.16406	505373.7	5410364.0
L5370.1	505373.8	5410362.3	19113.00000	439.98	0	48.846208	-86.926755	56730.68	56232.5	17.46	56748.14	56730.42188	56633.55882	56655.10547	505373.8	5410362.3
L5370.1	505373.8	5410360.9	19113.09961	440.30	0	48.846196	-86.926755	56731.97	56232.5	17.46	56749.44	56731.57813	56650.62754	56671.23047	505373.8	5410360.9
L5370.1	505373.8	5410360.9	19113.19922	438.94	0	48.846196	-86.926755	56733.09	56232.5	17.47	56750.55	56732.53516	56662.24402	56681.88281	505373.8	5410360.9
L5370.1	505373.8	5410359.2	19113.30078	439.54	0	48.846180	-86.926755	56734.27	56232.5	17.47	56751.74	56733.56250	56675.28369	56693.94141	505373.8	5410359.2
L5370.1	505373.8	5410357.7	19113.40039	438.55	0	48.846167	-86.926755	56735.47	56232.5	17.47	56752.95	56734.60156	56688.23517	56705.89453	505373.8	5410357.7
L5370.1	505373.8	5410357.7	19113.50000	437.22	0	48.846167	-86.926755	56736.09	56232.5	17.47	56753.56	56735.03125	56685.35467	56702.00000	505373.8	5410357.7
L5370.1	505373.9	5410356.2	19113.59961	438.83	0	48.846153	-86.926754	56737.48	56232.5	17.48	56754.96	56736.24609	56701.98417	56717.59375	505373.9	5410356.2
L5370.1	505373.9	5410354.7	19113.69922	438.84	0	48.846140	-86.926754	56738.27	56232.5	17.48	56755.75	56736.83984	56702.55632	56717.11328	505373.9	5410354.7
L5370.1	505373.9	5410354.7	19113.80078	439.01	0	48.846140	-86.926754	56739.96	56232.5	17.48	56757.44	56738.32422	56725.46353	56738.95313	505373.9	5410354.7
L5370.1	505373.9	5410352.6	19113.90039	437.95	0	48.846121	-86.926753	56740.68	56232.5	17.49	56758.17	56738.84375	56723.44779	56735.85547	505373.9	5410352.6
L5370.1	505373.9	5410352.6	19114.00000	434.93	0	48.846121	-86.926753	56742.16	56232.5	17.49	56759.65	56740.10156	56739.98517	56751.29688	505373.9	5410352.6
L5370.1	505373.9	5410351.3	19114.09961	435.33	0	48.846109	-86.926753	56743.15	56232.5	17.49	56760.64	56740.85938	56743.57577	56753.76953	505373.9	5410351.3
L5370.1	505373.9	5410351.3	19114.19922	436.37	0	48.846109	-86.926753	56744.49	56232.5	17.49	56761.98	56741.96094	56755.58445	56764.64844	505373.9	5410351.3
L5370.1	505374.0	5410349.5	19114.30078	434.10	0	48.846093	-86.926753	56745.63	56232.5	17.49	56763.11	56742.84375	56761.79433	56769.71094	505374.0	5410349.5
L5370.1	505374.0	5410348.3	19114.40039	434.41	0	48.846082	-86.926753	56746.75	56232.5	17.49	56764.24	56743.71875	56767.55869	56774.32031	505374.0	5410348.3
L5370.1	505374.0	5410347.0	19114.50000	434.50	0	48.846070	-86.926753	56748.41	56232.5	17.49	56765.90	56745.11719	56786.36396	56791.95313	505374.0	5410347.0
L5370.1	505374.0	5410347.0	19114.59961	433.20	0	48.846070	-86.926753	56749.43	56232.5	17.49	56766.92	56745.86328	56788.49006	56792.89063	505374.0	5410347.0
L5370.1	505374.0	5410345.5	19114.69922	434.84	0	48.846057	-86.926753	56751.11	56232.5	17.49	56768.60	56747.26172	56806.99359	56810.19531	505374.0	5410345.5
L5370.1	505374.0	5410343.8	19114.80078	434.51	0	48.846042	-86.926753	56751.86	56232.5	17.49	56769.35	56747.72266	56801.48004	56803.46875	505374.0	5410343.8
L5370.1	505374.0	5410343.8	19114.90039	437.18	0	48.846042	-86.926753	56753.26	56232.5	17.49	56770.75	56748.82422	56812.12245	56812.89063	505374.0	5410343.8
L5370.1	505374.0	5410342.3	19115.00000	437.74	0	48.846028	-86.926753	56753.84	56232.5	17.49	56771.33	56749.09766	56801.57618	56801.10938	505374.0	5410342.3
L5370.1	505374.0	5410340.7	19115.09961	437.54	0	48.846014	-86.926753	56755.46	56232.5	17.49	56772.95	56750.40234	56817.13063	56815.41406	505374.0	5410340.7
L5370.1	505374.0	5410340.7	19115.19922	436.78	0	48.846014	-86.926753	56757.11	56232.5	17.49	56774.60	56751.73047	56833.13227	56830.16016	505374.0	5410340.7
L5370.1	505374.0	5410338.2	19115.30078	438.04	0	48.845992	-86.926753	56758.14	56232.5	17.49	56775.64	56752.44141	56833.33128	56829.08984	505374.0	5410338.2
L5370.1	505374.0	5410337.5	19115.40039	441.00	0	48.845985	-86.926753	56759.32	56232.5	17.49	56776.81	56753.26953	56836.55132	56831.03516	505374.0	5410337.5
L5370.1	505374.0	5410336.2	19115.50000	442.98	0	48.845973	-86.926753	56759.94	56232.5	17.50	56777.43	56753.54297	56825.52572	56818.72266	505374.0	5410336.2
L5370.1	505374.0	5410336.2	19115.59961	441.07	0	48.845973	-86.926753	56761.57	56232.5	17.50	56779.06	56754.81641	56839.91870	56831.82031	505374.0	5410336.2
L5370.1	505374.0	5410334.9	19115.69922	440.64	0	48.845961	-86.926753	56762.33	56232.5	17.50	56779.83	56755.22266	56832.21868	56822.81250	505374.0	5410334.9
L5370.1	505374.0	5410333.4	19115.80078	440.08	0	48.845949	-86.926753	56764.30	56232.5	17.50	56781.79	56756.81250	56854.54320	56843.82422	505374.0	5410333.4
L5370.1	505374.0	5410333.4	19115.90039	439.40	0	48.845949	-86.926753	56765.14	56232.5	17.50	56782.64	56757.28125	56848.45155	56836.41797	505374.0	5410333.4
L5370.1	505374.0	5410331.4	19116.00000	439.41	0	48.845930	-86.926753	56766.68	56232.5	17.50	56784.18	56758.43750	56859.70692	56846.34766	505374.0	5410331.4
L5370.1	505374.0	5410329.9	19116.09961	440.90	0	48.845917	-86.926753	56767.36	56232.5	17.50	56784.86	56758.71875	56848.92989	56834.23438	505374.0	5410329.9
L5370.1	505374.0	5410329.9	19116.19922	438.82	0	48.845917	-86.926753	56768.52	56232.5	17.50	56786.02	56759.47656	56850.19194	56834.15625	505374.0	5410329.9
L5370.1	505374.0	5410328.8	19116.30078	434.78	0	48.845907	-86.926753	56769.77	56232.5	17.50	56787.27	56760.31641	56853.59522	56836.21484	505374.0	5410328.8
L5370.1	505374.0	5410327.0	19116.40039	433.43	0	48.845891	-86.926753	56770.84	56232.5	17.50	56788.33	56760.96094	56852.03733	56833.30859	505374.0	5410327.0
L5370.1	505374.0	5410327.0	19116.50000	435.13	0	48.845891	-86.926753	56772.53	56232.5	17.49	56790.02	56762.22266	56866.37273	56846.28906	505374.0	5410327.0
L5370.1	505374.0	5410325.8	19116.59961	436.58	0	48.845880	-86.926752	56773.41	56232.5	17.49	56790.90	56762.67188	56860.01622	56838.57031	505374.0	5410325.8
L5370.1	505374.0	5410324.7	19116.69922	438.69	0	48.845870	-86.926752	56774.93	56232.5	17.49	56792.42	56763.75000	56869.83345	56847.02344	505374.0	5410324.7
L5370.1	505374.0	5410324.7	19116.80078	437.06	0	48.845870	-86.926752	56774.80	56232.5	17.49	56792.29	56763.17578	56837.63524	56813.45703	505374.0	5410324.7
L5370.1	505374.0	5410323.1	19116.90039	436.76	0	48.845856	-86.926752	56776.17	56232.5	17.49	56793.66	56764.08984	56843.49310	56817.94922	505374.0	5410323.1
L5370.1	505374.1	5410321.5	19117.00000	437.65	0	48.845841	-86.926752	56776.67	56232.5	17.49	56794.16	56764.12891	56827.18384	56800.26563	505374.1	5410321.5
L5370.1	505374.1	5410320.3	19117.09961	437.79	0	48.845831	-86.926752	56778.62	56232.5	17.49	56796.11	56765.61328	56847.68323	56819.39063	505374.1	5410320.3
L5370.1	505374.1	5410319.0	19117.19922	435.45	0	48.845819	-86.926751	56779.73	56232.5	17.49	56797.23	56766.25781	56847.05470	56817.38281	505374.1	5410319.0
L5370.1	505374.1	5410317.7	19117.30078	438.39	0	48.845807	-86.926751	56781.12	56232.5	17.49	56798.61	56767.15625	56853.01198	56821.96094	505374.1	5410317.7
L5370.1	505374.1	5410317.7	19117.40039	438.47	0	48.845807	-86.926751	56782.44	56232.5	17.49	56799.93	56767.98828	56857.43232	56825.00391	505374.1	5410317.7
L5370.1	505374.1	5410316.0	19117.50000	437.90	0	48.845792	-86.926751	56783.48	56232.5	17.50	56800.98	56768.54297	56854.98829	56821.17969	505374.1	5410316.0
L5370.1	505374.1	5410314.6	19117.59961	438.48	0	48.845779	-86.926752	56784.84	56232.5	17.50	56802.34	56769.40625	56860.43037	56825.24219	505374.1	5410314.6
L5370.1	505374.1	5410314.6	19117.69922	440.20	0	48.845779	-86.926752	56785.05	56232.5	17.50	56802.55	56769.10938	56836.66073	56800.08984	505374.1	5410314.6
L5370.1	505374.1	5410314.6	19117.80078	441.74	0	48.845779	-86.926752	56786.64	56232.5	17.50	56804.14	56770.18750	56847.98948	56810.03906	505374.1	5410314.6
L5370.1	505374.1	5410313.1	19117.90039	442.22	0	48.845766	-86.926752	56787.83	56232.5	17.50	56805.33	56770.85938	56849.18490	56809.85938	505374.1	5410313.1
L5370.1	505374.1	5410312.1	19118.00000	442.05	0	48.845757	-86.926752	56789.40	56232.5	17.50	56806.90	56771.90625	56860.07888	56819.37500	505374.1	5410312.1
L5370.1	505374.1	5410310.6	19118.09961	445.86	0	48.845743	-86.926752	56790.24	56232.5	17.50	56807.74	56772.21875	56852.46730	56810.38672	505374.1	5410310.6
L5370.1	505374.0	5410309.0	19118.19922	443.90	0	48.845729	-86.926752	56791.36	56232.5	17.50	56808.86	56772.80469	56852.02676	56808.57422	505374.0	5410309.0
L5370.1	505374.0	5410309.0	19118.30078	445.18	0	48.845729	-86.926752	56792.43	56232.5	17.51	56809.94	56773.34375	56850.63064	56805.80469	505374.0	5410309.0
L5370.1	505374.0	5410307.7	19118.40039	442.62	0	48.845717	-86.926752	56793.21	56232.5	17.51	56810.72	56773.58203	56841.67681	56795.48438	505374.0	5410307.7
L5370.1	505374.0	5410306.6	19118.50000	442.62	0	48.845707	-86.926753	56794.39	56232.5	17.51	56811.90	56774.21094	56842.96174	56795.40234	505374.0	5410306.6
L5370.1	505374.0	5410305.1	19118.59961	443.91	0	48.845693	-86.926753	56795.14	56232.5	17.51	56812.65	56774.40625	56833.39555	56784.47656	505374.0	5410305.1
L5370.1	505374.0	5410303.8	19118.69922	443.43	0	48.845682	-86.926753	56796.82	56232.5	17.51	56814.33	56775.53125	56847.54818	56797.26953	505374.0	5410303.8
L5370.1	505374.0	5410303.8	19118.80078	442.53	0	48.845682	-86.926753	56797.92	56232.5	17.52	56815.43	56776.06641	56847.04629	56795.41016	505374.0	5410303.8
L5370.1	505374.0	5410302.5	19118.90039	437.99	0	48.845670	-86.926753	56799.16	56232.5	17.52	56816.68	56776.75000	56850.44716	56797.46484	505374.0	5410302.5
L5370.1	505374.0	5410300.9	19119.00000	436.77	0	48.845656	-86.926753	56799.85	56232.5	17.52	56817.37	56776.87109	56839.70918	56785.38281	505374.0	5410300.9
L5370.1	505374.0	5410300.9	19119.09961	435.95	0	48.845656	-86.926753	56801.18	56232.5	17.52	56818.70	56777.62891	56845.33418	56789.66406	505374.0	5410300.9
L5370.1	505374.0	5410299.6	19119.19922	435.56	0	48.845644	-86.926753	56802.17	56232.5	17.52	56819.69	56778.03906	56842.41758	56785.41406	505374.0	5410299.6
L5370.1	505374.0	5410298.1	19119.30078	436.33	0	48.845630	-86.926753	56803.57	56232.5	17.52	56821.09	56778.85938	56850.02346	56791.68750	505374.0	5410298.1
L5370.1	505374.0	5410296.9	19119.40039	438.17	0	48.845620	-86.926753	56804.69	56232.5	17.52	56822.21	56779.39453	56850.61703	56790.96094	505374.0	5410296.9
L5370.1	505374.0	5410296.9	19119.50000	436.48	0	48.845620	-86.926753	56805.98	56232.5	17.53	56823.51	56780.10938	56855.89116	56794.91797	505374.0	5410296.9
L5370.1	505374.0	5410295.5	19119.59961	433.79	0	48.845607	-86.926753	56807.09	56232.5	17.53	56824.61	56780.62109	56856.18924	56793.90625	505374.0	5410295.5
L5370.1	505374.0	5410293.9	19119.69922	434.61	0	48.845593	-86.926753	56808.12	56232.5	17.53	56825.65	56781.06641	56855.07051	56791.48047	505374.0	5410293.9
L5370.1	505374.0	5410292.5	19119.80078	435.75	0	48.845580	-86.926753	56809.07	56232.5	17.53	56826.60	56781.42188	56851.77324	56786.88672	505374.0	5410292.5
L5370.1	505374.0	5410292.5	19119.90039	417.81	0	48.845580	-86.926753	56809.69	56232.5	17.53	56827.22	56781.44531	56840.19812	56774.02344	505374.0	5410292.5
L5370.1	505374.0	5410291.0	19120.00000	418.02	0	48.845567	-86.926753	56811.03	56232.5	17.53	56828.56	56782.18750	56847.03177	56779.57422	505374.0	5410291.0
L5370.1	505374.0	5410291.0	19120.09961	438.01	0	48.845567	-86.926753	56812.06	56232.5	17.53	56829.59	56782.61719	56846.09603	56777.36328	505374.0	5410291.0
L5370.1	505374.0	5410288.2	19120.19922	438.62	0	48.845541	-86.926753	56813.56	56232.5	17.53	56831.08	56783.50781	56856.96065	56786.96094	505374.0	5410288.2
L5370.1	505374.0	5410288.2	19120.30078	437.37	0	48.845541	-86.926753	56814.36	56232.5	17.53	56831.88	56783.70703	56850.39713	56779.14063	505374.0	5410288.2
L5370.1	505374.0	5410287.1	19120.40039	437.46	0	48.845532	-86.926753	56815.51	56232.5	17.53	56833.03	56784.25391	56852.83703	56780.32813	505374.0	5410287.1
L5370.1	505374.0	5410287.1	19120.50000	436.29	0	48.845532	-86.926753	56816.75	56232.5	17.52	56834.27	56784.88672	56857.67141	56783.92578	505374.0	5410287.1
L5370.1	505374.0	5410284.9	19120.59961	439.63	0	48.845512	-86.926753	56818.01	56232.5	17.52	56835.53	56785.54297	56863.12012	56788.14063	505374.0	5410284.9
L5370.1	505374.0	5410283.5	19120.69922	440.62	0	48.845499	-86.926753	56818.65	56232.5	17.52	56836.17	56785.57813	56852.91595	56776.71484	505374.0	5410283.5
L5370.1	505374.0	5410282.2	19120.80078	440.51	0	48.845488	-86.926753	56819.53	56232.5	17.52	56837.05	56785.85547	56848.91503	56771.50000	505374.0	5410282.2
L5370.1	505374.0	5410282.2	19120.90039	442.40	0	48.845488	-86.926753	56820.92	56232.5	17.52	56838.44	56786.64063	56857.97815	56779.35938	505374.0	5410282.2
L5370.1	505374.0	5410280.7	19121.00000	441.33	0	48.845474	-86.926753	56821.89	56232.5	17.52	56839.41	56787.00781	56856.46725	56776.65625	505374.0	5410280.7
L5370.1	505374.0	5410279.2	19121.09961	439.70	0	48.845460	-86.926753	56823.39	56232.5	17.52	56840.91	56787.90234	56868.52558	56787.53125	505374.0	5410279.2

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5370.1	505374.0	5410278.0	19121.19922	438.57	0	48.845450	-86.926753	56824.32	56232.5	17.52	56841.84	56788.23047	56866.19429	56784.02734	505374.0	5410278.0
L5370.1	505374.0	5410277.1	19121.30078	437.59	0	48.845442	-86.926753	56825.40	56232.5	17.52	56842.92	56788.71094	56867.77096	56784.44141	505374.0	5410277.1
L5370.1	505374.0	5410277.1	19121.40039	437.30	0	48.845442	-86.926753	56826.14	56232.5	17.52	56843.67	56788.85938	56861.05439	56776.57422	505374.0	5410277.1
L5370.1	505374.0	5410276.0	19121.50000	436.21	0	48.845432	-86.926753	56827.31	56232.5	17.53	56844.83	56789.42188	56864.85043	56779.23047	505374.0	5410276.0
L5370.1	505374.0	5410274.7	19121.59961	438.29	0	48.845420	-86.926753	56828.67	56232.5	17.53	56846.19	56790.18750	56873.82013	56787.07031	505374.0	5410274.7
L5370.1	505374.0	5410273.6	19121.69922	438.45	0	48.845410	-86.926753	56829.85	56232.5	17.53	56847.38	56790.78516	56878.55805	56790.69141	505374.0	5410273.6
L5370.1	505374.0	5410272.5	19121.80078	437.35	0	48.845400	-86.926753	56831.22	56232.5	17.53	56848.75	56791.56250	56887.95807	56798.98438	505374.0	5410272.5
L5370.1	505374.0	5410272.5	19121.90039	434.06	0	48.845400	-86.926753	56832.20	56232.5	17.53	56849.72	56791.94531	56887.27760	56797.20703	505374.0	5410272.5
L5370.1	505374.0	5410270.7	19122.00000	434.77	0	48.845384	-86.926753	56833.43	56232.5	17.53	56850.96	56792.60156	56893.54367	56802.39063	505374.0	5410270.7
L5370.1	505374.0	5410269.2	19122.09961	436.99	0	48.845371	-86.926753	56834.05	56232.5	17.53	56851.58	56792.64063	56884.13504	56791.91406	505374.0	5410269.2
L5370.1	505374.0	5410269.2	19122.19922	436.48	0	48.845371	-86.926753	56835.34	56232.5	17.53	56852.87	56793.35156	56891.83666	56798.55859	505374.0	5410269.2
L5370.1	505374.0	5410267.7	19122.30078	435.63	0	48.845357	-86.926753	56836.14	56232.5	17.53	56853.67	56793.57813	56887.16532	56792.83984	505374.0	5410267.7
L5370.1	505374.1	5410266.0	19122.40039	435.91	0	48.845342	-86.926753	56837.63	56232.5	17.53	56855.16	56794.49609	56900.11054	56804.75391	505374.1	5410266.0
L5370.1	505374.1	5410264.6	19122.50000	435.71	0	48.845330	-86.926753	56838.31	56232.5	17.53	56855.83	56794.60156	56892.29393	56795.91797	505374.1	5410264.6
L5370.1	505374.1	5410264.6	19122.59961	435.96	0	48.845330	-86.926753	56839.64	56232.5	17.53	56857.17	56795.38281	56901.58421	56804.20313	505374.1	5410264.6
L5370.1	505374.1	5410263.1	19122.69922	436.28	0	48.845316	-86.926753	56840.74	56232.5	17.53	56858.27	56795.92578	56904.85275	56806.47656	505374.1	5410263.1
L5370.1	505374.1	5410261.7	19122.80078	439.25	0	48.845304	-86.926753	56842.01	56232.5	17.53	56859.54	56796.64453	56912.51976	56813.16406	505374.1	5410261.7
L5370.1	505374.1	5410260.4	19122.90039	441.17	0	48.845292	-86.926752	56843.24	56232.5	17.53	56860.77	56797.32813	56919.24798	56818.92578	505374.1	5410260.4
L5370.1	505374.1	5410260.4	19123.00000	440.12	0	48.845292	-86.926752	56843.81	56232.5	17.53	56861.34	56797.35938	56909.27996	56808.00781	505374.1	5410260.4
L5370.1	505374.1	5410259.1	19123.09961	438.48	0	48.845280	-86.926752	56845.41	56232.5	17.53	56862.94	56798.42578	56925.56861	56823.35938	505374.1	5410259.1
L5370.1	505374.1	5410257.3	19123.19922	436.56	0	48.845264	-86.926752	56846.16	56232.5	17.53	56863.69	56798.64453	56920.33326	56817.20313	505374.1	5410257.3
L5370.1	505374.1	5410257.3	19123.30078	437.80	0	48.845264	-86.926752	56847.75	56232.5	17.53	56865.29	56799.72656	56936.78147	56832.73828	505374.1	5410257.3
L5370.1	505374.1	5410255.7	19123.40039	437.78	0	48.845249	-86.926752	56848.00	56232.5	17.53	56865.54	56799.46094	56919.00010	56814.06250	505374.1	5410255.7
L5370.1	505374.1	5410254.5	19123.50000	437.87	0	48.845239	-86.926752	56849.50	56232.5	17.54	56867.03	56800.44141	56932.81715	56827.00391	505374.1	5410254.5
L5370.1	505374.1	5410254.5	19123.59961	439.65	0	48.845239	-86.926752	56850.66	56232.5	17.54	56868.20	56801.11328	56938.58604	56831.91016	505374.1	5410254.5
L5370.1	505374.1	5410252.9	19123.69922	440.87	0	48.845224	-86.926752	56852.18	56232.5	17.54	56869.72	56802.14063	56953.33733	56845.81250	505374.1	5410252.9
L5370.1	505374.1	5410251.4	19123.80078	441.74	0	48.845210	-86.926752	56853.52	56232.5	17.54	56871.06	56802.99219	56963.60309	56855.24219	505374.1	5410251.4
L5370.1	505374.1	5410251.4	19123.90039	441.02	0	48.845210	-86.926752	56853.77	56232.5	17.54	56871.31	56802.76563	56946.25777	56837.08203	505374.1	5410251.4
L5370.1	505374.2	5410250.2	19124.00000	442.55	0	48.845200	-86.926751	56854.66	56232.5	17.54	56872.20	56803.18750	56945.27338	56835.29688	505374.2	5410250.2
L5370.1	505374.2	5410248.7	19124.09961	443.01	0	48.845186	-86.926751	56855.24	56232.5	17.54	56872.78	56803.30469	56936.50832	56825.74609	505374.2	5410248.7
L5370.1	505374.2	5410247.3	19124.19922	442.76	0	48.845174	-86.926751	56856.99	56232.5	17.54	56874.53	56804.60547	56957.58131	56846.05078	505374.2	5410247.3
L5370.1	505374.2	5410246.0	19124.30078	443.86	0	48.845162	-86.926751	56858.00	56232.5	17.54	56875.54	56805.17188	56959.95236	56847.66797	505374.2	5410246.0
L5370.1	505374.2	5410246.0	19124.40039	445.35	0	48.845162	-86.926751	56859.64	56232.5	17.54	56877.19	56806.38672	56978.69920	56865.67969	505374.2	5410246.0
L5370.1	505374.2	5410244.4	19124.50000	444.40	0	48.845148	-86.926751	56860.68	56232.5	17.54	56878.22	56806.99219	56981.80263	56868.06250	505374.2	5410244.4
L5370.1	505374.2	5410242.4	19124.59961	445.97	0	48.845130	-86.926751	56861.75	56232.5	17.55	56879.30	56807.65625	56986.29589	56871.85547	505374.2	5410242.4
L5370.1	505374.2	5410242.4	19124.69922	444.50	0	48.845130	-86.926751	56862.30	56232.5	17.55	56879.85	56807.80078	56977.44300	56862.32031	505374.2	5410242.4
L5370.1	505374.2	5410240.6	19124.80078	442.17	0	48.845113	-86.926750	56863.61	56232.5	17.55	56881.16	56808.71875	56988.03551	56872.24219	505374.2	5410240.6
L5370.1	505374.2	5410240.6	19124.90039	442.70	0	48.845113	-86.926750	56864.90	56232.5	17.55	56882.45	56809.62109	56998.25490	56881.81250	505374.2	5410240.6
L5370.1	505374.3	5410239.2	19125.00000	436.15	0	48.845101	-86.926750	56865.72	56232.4	17.55	56883.27	56810.06641	56996.67009	56879.59766	505374.3	5410239.2
L5370.1	505374.3	5410237.7	19125.09961	434.59	0	48.845088	-86.926750	56866.68	56232.4	17.55	56884.23	56810.66406	56998.79087	56881.10547	505374.3	5410237.7
L5370.1	505374.3	5410237.7	19125.19922	439.16	0	48.845088	-86.926750	56867.29	56232.4	17.55	56884.84	56810.92188	56992.17012	56873.89063	505374.3	5410237.7
L5370.1	505374.3	5410235.9	19125.30078	440.56	0	48.845071	-86.926750	56868.86	56232.4	17.55	56886.41	56812.14844	57010.10911	56891.25000	505374.3	5410235.9
L5370.1	505374.3	5410234.5	19125.40039	439.06	0	48.845059	-86.926750	56869.89	56232.4	17.55	56887.45	56812.85938	57014.74562	56895.32813	505374.3	5410234.5
L5370.1	505374.3	5410234.5	19125.50000	437.22	0	48.845059	-86.926750	56870.88	56232.4	17.55	56888.43	56813.51953	57018.03232	56898.07813	505374.3	5410234.5
L5370.1	505374.3	5410233.5	19125.59961	437.90	0	48.845049	-86.926750	56871.54	56232.4	17.55	56889.09	56813.87500	57013.36874	56892.89453	505374.3	5410233.5
L5370.1	505374.3	5410231.9	19125.69922	439.49	0	48.845035	-86.926750	56872.81	56232.4	17.55	56890.36	56814.84766	57024.39924	56903.42578	505374.3	5410231.9
L5370.1	505374.3	5410230.8	19125.80078	439.39	0	48.845025	-86.926749	56874.07	56232.4	17.55	56891.62	56815.82422	57035.37418	56913.91797	505374.3	5410230.8
L5370.1	505374.3	5410230.8	19125.90039	438.62	0	48.845025	-86.926749	56875.28	56232.4	17.55	56892.83	56816.76563	57045.28522	56923.36719	505374.3	5410230.8
L5370.1	505374.4	5410229.3	19126.00000	442.22	0	48.845011	-86.926749	56875.85	56232.4	17.55	56893.40	56817.07422	57039.14561	56916.78516	505374.4	5410229.3
L5370.1	505374.4	5410227.9	19126.09961	441.86	0	48.844999	-86.926749	56876.48	56232.4	17.55	56894.03	56817.45703	57034.75500	56911.97266	505374.4	5410227.9
L5370.1	505374.4	5410227.9	19126.19922	435.25	0	48.844999	-86.926749	56877.44	56232.4	17.55	56894.99	56818.18359	57038.98450	56915.80078	505374.4	5410227.9
L5370.1	505374.4	5410224.4	19126.30078	435.28	0	48.844968	-86.926749	56878.47	56232.4	17.55	56896.02	56818.99609	57045.23510	56921.66797	505374.4	5410224.4
L5370.1	505374.4	5410224.4	19126.40039	439.97	0	48.844968	-86.926749	56879.60	56232.4	17.55	56897.15	56819.91797	57054.27851	56930.35156	505374.4	5410224.4
L5370.1	505374.4	5410223.1	19126.50000	439.94	0	48.844956	-86.926749	56880.46	56232.4	17.55	56898.01	56820.58203	57056.72032	56932.45313	505374.4	5410223.1
L5370.1	505374.4	5410223.1	19126.59961	441.30	0	48.844956	-86.926749	56881.51	56232.4	17.55	56899.06	56821.44922	57064.26126	56939.67578	505374.4	5410223.1
L5370.1	505374.4	5410221.7	19126.69922	441.63	0	48.844943	-86.926748	56881.56	56232.4	17.55	56899.11	56821.33203	57046.66637	56921.78125	505374.4	5410221.7
L5370.1	505374.4	5410220.2	19126.80078	443.96	0	48.844930	-86.926748	56882.74	56232.4	17.55	56900.29	56822.35547	57058.08073	56932.91797	505374.4	5410220.2
L5370.1	505374.4	5410218.9	19126.90039	440.17	0	48.844918	-86.926748	56883.62	56232.4	17.55	56901.17	56823.09766	57062.16986	56936.74609	505374.4	5410218.9
L5370.1	505374.4	5410218.9	19127.00000	439.31	0	48.844918	-86.926748	56884.52	56232.4	17.55	56902.07	56823.86719	57067.07671	56941.42188	505374.4	5410218.9
L5370.1	505374.4	5410217.6	19127.09961	439.06	0	48.844906	-86.926748	56885.11	56232.4	17.55	56902.67	56824.35547	57064.67833	56938.80859	505374.4	5410217.6
L5370.1	505374.4	5410217.6	19127.19922	441.42	0	48.844906	-86.926748	56885.94	56232.4	17.55	56903.49	56825.07422	57068.20094	56942.14063	505374.4	5410217.6
L5370.1	505374.4	5410215.8	19127.30078	441.57	0	48.844890	-86.926749	56887.31	56232.4	17.56	56904.86	56826.35938	57086.04186	56959.80859	505374.4	5410215.8
L5370.1	505374.4	5410214.4	19127.40039	440.24	0	48.844877	-86.926749	56888.02	56232.4	17.56	56905.58	56827.00781	57087.71248	56961.33203	505374.4	5410214.4
L5370.1	505374.4	5410213.3	19127.50000	438.36	0	48.844868	-86.926749	56889.21	56232.4	17.56	56906.77	56828.13672	57101.68853	56975.17969	505374.4	5410213.3
L5370.1	505374.4	5410213.3	19127.59961	438.28	0	48.844868	-86.926749	56889.31	56232.4	17.56	56906.88	56828.20313	57088.58596	56961.97656	505374.4	5410213.3
L5370.1	505374.4	5410212.2	19127.69922	437.77	0	48.844858	-86.926749	56890.24	56232.4	17.56	56907.80	56829.09375	57096.45053	56969.75781	505374.4	5410212.2
L5370.1	505374.4	5410210.7	19127.80078	437.18	0	48.844844	-86.926749	56890.68	56232.4	17.57	56908.25	56829.52734	57092.76038	56966.00781	505374.4	5410210.7
L5370.1	505374.4	5410209.1	19127.90039	437.47	0	48.844830	-86.926749	56891.61	56232.4	17.57	56909.17	56830.44531	57101.41635	56974.62109	505374.4	5410209.1
L5370.1	505374.4	5410209.1	19128.00000	437.45	0	48.844830	-86.926749	56892.14	56232.4	17.57	56909.71	56831.00000	57100.82522	56974.01563	505374.4	5410209.1
L5370.1	505374.4	5410207.5	19128.09961	436.58	0	48.844816	-86.926749	56893.09	56232.4	17.57	56910.66	56831.97656	57111.07538	56984.27734	505374.4	5410207.5
L5370.1	505374.4	5410206.4	19128.19922	435.41	0	48.844806	-86.926750	56893.79	56232.4	17.57	56911.36	56832.71875	57115.40244	56988.63281	505374.4	5410206.4
L5370.1	505374.3	5410204.7	19128.30078	437.90	0	48.844790	-86.926750	56894.13	56232.4	17.57	56911.70	56833.11328	57111.02053	56984.30078	505374.3	5410204.7
L5370.1	505374.3	5410204.7	19128.40039	439.73	0	48.844790	-86.926750	56894.92	56232.4	17.57	56912.49	56833.97266	57118.52606	56991.87891	505374.3	5410204.7
L5370.1	505374.3	5410203.3	19128.50000	439.73	0	48.844778	-86.926750	56894.90	56232.4	17.57	56912.46	56834.02734	57105.65082	56979.10156	505374.3	5410203.3
L5370.1	505374.4	5410202.0	19128.59961	438.76	0	48.844766	-86.926750	56895.75	56232.4	17.56	56913.31	56834.97656	57115.61089	56989.18359	505374.4	5410202.0
L5370.1	505374.4	5410200.4	19128.69922	440.15	0	48.844752	-86.926749	56896.00	56232.4	17.56	56913.57	56835.34766	57111.05465	56984.77344	505374.4	5410200.4
L5370.1	505374.4	5410200.4	19128.80078	439.78	0	48.844752	-86.926749	56896.93	56232.4	17.56	56914.50	56836.40625	57124.01502	56997.89453	505374.4	5410200.4
L5370.1	505374.4	5410198.9	19128.90039	437.84	0	48.844738	-86.926749	56897.58	56232.4	17.56	56915.14	56837.18359	57130.10205	57004.16797	505374.4	5410198.9
L5370.1	505374.4	5410198.0	19129.00000	438.00	0	48.844731	-86.926749	56897.91	56232.4	17.56	56915.47	56837.67188	57128.81631	57003.09375	505374.4	5410198.0
L5370.1	505374.4	5410196.7	19129.09961	437.74	0	48.844718	-86.926749	56898.30	56232.4	17.56	56915.86	56838.23047	57129.57028	57004.08203	505374.4	5410196.7
L5370.1	505374.4	5410196.7	19129.19922	438.60	0	48.844718	-86.926749	56898.48	56232.4	17.56	56916.04	56838.59375	57125.51026	57000.28125	505374.4	5410196.7
L5370.1	505374.4	5410195.1	19129.30078	438.52	0	48.844704	-86.926749	56898.91	56232.4	17.56	56916.48	56839.23047	57128.58990	57003.63672	505374.4	5410195.1
L5370.1	505374.4	5410193.7	19129.40039	438.65	0	48.844691	-86.926749	56898.92	56232.4	17.56	56916.48	56839.44141	57121.02636	56996.37109	505374.4	5410193.7
L5370.1	505374.4	5410192.3	19129.50000	439.30	0	48.844679	-86.926748	56899.54	56232.4	17.56	56917.10	56840.28516	57129.76809	57005.43750	505374.4	5410192.3
L5370.1	505374.4	5410192.3	19129.59961	438.84	0	48.844679	-86.926748	56899.62	56232.4	17.57	56917.18	56840.60156	57125.34062	57001.35547	505374.4	5410192.3
L5370.1	505374.5	5410190.8	19129.69922	437.04	0	48.844665	-86.926748	56900.23	56232.4	17.57	56917.79	56841.46484	57134.94610	57011.32813	505374.5	5410190.8
L5370.1	505374.5	5410189.2	19129.80078	436.63	0	48.844651	-86.926748	56900.28	56232.4	17.57	56917.85	56841.78906	57131.14281	57007.91406	505374.5	5410189.2
L5370.1	505374.5	5410187.9	19129.90039	438.52	0	48.844640	-86.926748	56900.90	56232.4	17.57	56918.47	56842.68750	57142.14907	57019.32813	505374.5	5410187.9
L5370.1	505374.5	5410187.9	19130.00000	438.28	0	48.844640	-86.926748	56901.16	56232.4	17.57	56918.73	56843.23828	57144.58916	57022.20313	505374.5	5410187.9
L5370.1	505374.5	5410186.5	19130.09961	438.38	0	48.844627	-86.926748	56901.08	56232.4	17.57	56918.65	56843.46094	57138.97784	57017.04688	505374.5	5410186.5
L5370.1	505374.5	5410186.5	19130.19922	438.37	0	48.844627	-86.926748	56901.06	56232.4	17.57	56918.63	56843.76172	57135.48752	57014.03516	505374.5	5410186.5
L5370.1	505374.5	5410185.2	19130.30078	439.05	0	48.844615	-86.926748	56900.97	56232.4	17.57	56918.55	56844.01172	57131.07422	57010.11719	505374.5	5410185.2
L5370.1	505374.5	5410183.4	19130.40039	440.05	0	48.844599	-86.926748	56901.39	56232.4	17.57	56918.96	56844.76172	57139.72219	57019.28516	505374.5	5410183.4

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5370.1	505374.5	5410181.6	19130.50000	438.98	0	48.844583	-86.926748	56901.26	56232.4	17.57	56918.83	56844.98828	57135.25868	57015.35938	505374.5	5410181.6
L5370.1	505374.5	5410181.6	19130.59961	439.93	0	48.844583	-86.926748	56901.52	56232.4	17.58	56919.09	56845.61328	57141.32533	57021.98828	505374.5	5410181.6
L5370.1	505374.5	5410179.1	19130.69922	439.00	0	48.844560	-86.926748	56901.23	56232.4	17.58	56918.81	56845.71484	57134.29039	57015.53906	505374.5	5410179.1
L5370.1	505374.5	5410179.1	19130.80078	439.25	0	48.844560	-86.926748	56901.36	56232.4	17.58	56918.94	56846.23438	57138.30327	57020.15234	505374.5	5410179.1
L5370.1	505374.5	5410179.1	19130.90039	440.99	0	48.844560	-86.926748	56901.13	56232.4	17.58	56918.71	56846.41016	57133.79817	57016.26563	505374.5	5410179.1
L5370.1	505374.5	5410177.4	19131.00000	439.11	0	48.844545	-86.926749	56901.28	56232.4	17.58	56918.86	56846.97266	57139.58666	57022.69531	505374.5	5410177.4
L5370.1	505374.4	5410176.0	19131.09961	437.87	0	48.844533	-86.926749	56901.16	56232.4	17.58	56918.74	56847.28125	57139.15226	57022.92578	505374.4	5410176.0
L5370.1	505374.4	5410174.9	19131.19922	438.95	0	48.844522	-86.926749	56900.95	56232.4	17.58	56918.52	56847.49609	57136.81907	57021.27734	505374.4	5410174.9
L5370.1	505374.4	5410173.5	19131.30078	440.82	0	48.844510	-86.926749	56900.97	56232.4	17.58	56918.55	56847.97656	57141.48570	57026.64063	505374.4	5410173.5
L5370.1	505374.4	5410173.5	19131.40039	440.77	0	48.844510	-86.926749	56900.54	56232.4	17.58	56918.11	56847.99609	57134.85577	57020.73047	505374.4	5410173.5
L5370.1	505374.4	5410172.1	19131.50000	439.91	0	48.844497	-86.926749	56900.36	56232.4	17.58	56917.93	56848.28516	57135.48531	57022.09766	505374.4	5410172.1
L5370.1	505374.4	5410170.7	19131.59961	437.82	0	48.844485	-86.926749	56899.89	56232.4	17.57	56917.47	56848.30469	57129.65219	57017.02344	505374.4	5410170.7
L5370.1	505374.4	5410170.7	19131.69922	437.51	0	48.844485	-86.926749	56899.69	56232.4	17.57	56917.26	56848.58594	57130.82878	57018.97656	505374.4	5410170.7
L5370.1	505374.4	5410168.7	19131.80078	438.41	0	48.844467	-86.926749	56899.18	56232.4	17.57	56916.75	56848.57422	57125.03828	57013.97656	505374.4	5410168.7
L5370.1	505374.4	5410167.7	19131.90039	438.91	0	48.844457	-86.926749	56898.96	56232.4	17.57	56916.54	56848.87500	57127.53163	57017.27734	505374.4	5410167.7
L5370.1	505374.4	5410166.4	19132.00000	440.01	0	48.844446	-86.926750	56898.76	56232.4	17.57	56916.33	56849.18359	57130.68542	57021.25781	505374.4	5410166.4
L5370.1	505374.4	5410164.9	19132.09961	441.24	0	48.844432	-86.926750	56898.66	56232.4	17.57	56916.23	56849.60938	57137.29643	57028.71484	505374.4	5410164.9
L5370.1	505374.4	5410163.5	19132.19922	440.32	0	48.844420	-86.926750	56898.35	56232.4	17.57	56915.92	56849.83594	57139.23244	57031.51172	505374.4	5410163.5
L5370.1	505374.4	5410163.5	19132.30078	435.56	0	48.844420	-86.926750	56897.61	56232.4	17.57	56915.17	56849.63281	57130.64843	57023.80469	505374.4	5410163.5
L5370.1	505374.4	5410163.5	19132.40039	438.44	0	48.844420	-86.926750	56897.32	56232.4	17.57	56914.89	56849.90625	57134.67295	57028.71875	505374.4	5410163.5
L5370.1	505374.4	5410162.0	19132.50000	438.26	0	48.844407	-86.926750	56896.60	56232.4	17.57	56914.16	56849.73828	57127.92373	57022.87500	505374.4	5410162.0
L5370.1	505374.4	5410160.7	19132.59961	439.30	0	48.844395	-86.926750	56896.24	56232.4	17.56	56913.80	56849.94922	57131.24145	57027.11719	505374.4	5410160.7
L5370.1	505374.4	5410160.7	19132.69922	439.50	0	48.844395	-86.926750	56895.39	56232.4	17.56	56912.95	56849.67578	57122.76834	57019.58203	505374.4	5410160.7
L5370.1	505374.3	5410159.5	19132.80078	441.62	0	48.844384	-86.926750	56895.11	56232.4	17.56	56912.67	56849.98047	57129.44443	57027.21094	505374.3	5410159.5
L5370.1	505374.3	5410157.9	19132.90039	441.67	0	48.844370	-86.926750	56894.36	56232.4	17.56	56911.92	56849.82422	57124.83672	57023.56641	505374.3	5410157.9
L5370.1	505374.3	5410157.9	19133.00000	443.34	0	48.844370	-86.926750	56893.96	56232.4	17.56	56911.52	56850.01953	57129.78508	57029.49219	505374.3	5410157.9
L5370.1	505374.3	5410155.9	19133.09961	442.28	0	48.844352	-86.926750	56893.23	56232.4	17.56	56910.79	56849.89844	57127.00577	57027.70703	505374.3	5410155.9
L5370.1	505374.3	5410154.4	19133.19922	443.67	0	48.844338	-86.926750	56892.66	56232.4	17.56	56910.22	56849.93750	57128.95114	57030.65625	505374.3	5410154.4
L5370.1	505374.3	5410154.4	19133.30078	442.93	0	48.844338	-86.926750	56892.17	56232.4	17.56	56909.73	56850.06641	57133.58646	57036.30859	505374.3	5410154.4
L5370.1	505374.3	5410152.5	19133.40039	441.05	0	48.844321	-86.926750	56891.27	56232.4	17.56	56908.83	56849.78906	57128.45643	57032.20313	505374.3	5410152.5
L5370.1	505374.3	5410151.5	19133.50000	440.66	0	48.844312	-86.926750	56890.63	56232.4	17.56	56908.19	56849.77734	57130.58773	57035.37500	505374.3	5410151.5
L5370.1	505374.3	5410149.8	19133.59961	441.62	0	48.844297	-86.926750	56889.46	56232.4	17.57	56907.03	56849.25000	57120.15420	57025.99219	505374.3	5410149.8
L5370.1	505374.3	5410149.8	19133.69922	443.32	0	48.844297	-86.926750	56889.03	56232.4	17.57	56906.59	56849.44922	57128.66915	57035.56641	505374.3	5410149.8
L5370.1	505374.3	5410148.2	19133.80078	443.64	0	48.844282	-86.926750	56887.97	56232.4	17.57	56905.54	56849.04297	57122.32755	57030.29688	505374.3	5410148.2
L5370.1	505374.3	5410147.0	19133.90039	441.45	0	48.844271	-86.926750	56887.40	56232.4	17.57	56904.97	56849.12109	57128.83008	57037.87891	505374.3	5410147.0
L5370.1	505374.3	5410147.0	19134.00000	438.94	0	48.844271	-86.926750	56886.53	56232.4	17.57	56904.10	56848.90234	57128.35008	57038.48438	505374.3	5410147.0
L5370.1	505374.3	5410145.4	19134.09961	424.42	0	48.844257	-86.926750	56885.66	56232.4	17.57	56903.23	56848.68750	57128.50965	57039.74219	505374.3	5410145.4
L5370.1	505374.3	5410144.2	19134.19922	426.13	0	48.844246	-86.926750	56885.04	56232.4	17.57	56902.61	56848.72656	57135.66000	57048.00000	505374.3	5410144.2
L5370.1	505374.3	5410144.2	19134.30078	422.80	0	48.844246	-86.926750	56884.03	56232.4	17.58	56901.61	56848.38672	57133.78648	57047.24219	505374.3	5410144.2
L5370.1	505374.3	5410142.8	19134.40039	421.38	0	48.844234	-86.926750	56882.98	56232.4	17.58	56900.56	56848.00391	57131.27336	57045.84766	505374.3	5410142.8
L5370.1	505374.3	5410141.2	19134.50000	437.09	0	48.844220	-86.926750	56881.64	56232.4	17.58	56899.22	56847.32813	57122.01792	57037.71484	505374.3	5410141.2
L5370.1	505374.3	5410139.9	19134.59961	438.08	0	48.844208	-86.926751	56880.76	56232.4	17.58	56898.34	56847.11719	57125.07883	57041.91016	505374.3	5410139.9
L5370.1	505374.3	5410138.6	19134.69922	438.18	0	48.844196	-86.926751	56879.68	56232.4	17.58	56897.26	56846.71094	57123.67864	57041.65234	505374.3	5410138.6
L5370.1	505374.3	5410138.6	19134.80078	440.79	0	48.844196	-86.926751	56878.63	56232.4	17.59	56896.21	56846.33594	57123.65975	57042.77734	505374.3	5410138.6
L5370.1	505374.3	5410137.1	19134.90039	440.37	0	48.844182	-86.926750	56877.46	56232.4	17.59	56895.05	56845.84766	57121.46072	57041.72656	505374.3	5410137.1
L5370.1	505374.3	5410137.1	19135.00000	440.16	0	48.844182	-86.926750	56876.54	56232.4	17.59	56894.13	56845.60547	57125.97371	57047.39063	505374.3	5410137.1
L5370.1	505374.3	5410135.3	19135.09961	437.83	0	48.844166	-86.926750	56875.25	56232.4	17.59	56892.84	56844.99219	57121.69180	57044.26563	505374.3	5410135.3
L5370.1	505374.3	5410133.9	19135.19922	439.53	0	48.844153	-86.926750	56873.84	56232.4	17.59	56891.43	56844.26172	57114.96551	57038.70313	505374.3	5410133.9
L5370.1	505374.3	5410133.9	19135.30078	438.44	0	48.844153	-86.926750	56872.66	56232.4	17.59	56890.25	56843.75781	57114.68684	57039.58984	505374.3	5410133.9
L5370.1	505374.4	5410132.4	19135.40039	438.01	0	48.844140	-86.926750	56871.52	56232.4	17.59	56889.11	56843.29688	57116.02334	57042.08984	505374.4	5410132.4
L5370.1	505374.4	5410131.0	19135.50000	440.29	0	48.844128	-86.926750	56870.64	56232.4	17.60	56888.24	56843.10547	57124.81708	57052.05078	505374.4	5410131.0
L5370.1	505374.4	5410129.6	19135.59961	440.74	0	48.844115	-86.926750	56869.38	56232.4	17.60	56886.97	56842.51172	57124.03603	57052.43750	505374.4	5410129.6
L5370.1	505374.4	5410128.4	19135.69922	438.62	0	48.844104	-86.926750	56868.07	56232.4	17.60	56885.66	56841.88281	57122.82622	57052.40234	505374.4	5410128.4
L5370.1	505374.4	5410128.4	19135.80078	440.07	0	48.844104	-86.926750	56866.55	56232.4	17.60	56884.14	56841.03906	57116.86341	57047.60938	505374.4	5410128.4
L5370.1	505374.4	5410126.9	19135.90039	441.41	0	48.844091	-86.926750	56865.16	56232.4	17.60	56882.76	56840.33203	57115.03942	57046.95313	505374.4	5410126.9
L5370.1	505374.4	5410125.2	19136.00000	437.12	0	48.844075	-86.926750	56863.74	56232.4	17.60	56881.34	56839.58594	57112.77581	57045.85938	505374.4	5410125.2
L5370.1	505374.4	5410123.9	19136.09961	435.56	0	48.844064	-86.926750	56862.15	56232.4	17.60	56879.75	56838.67188	57106.76485	57041.01953	505374.4	5410123.9
L5370.1	505374.4	5410123.9	19136.19922	437.86	0	48.844064	-86.926750	56861.01	56232.4	17.60	56878.61	56838.20313	57112.76058	57048.18750	505374.4	5410123.9
L5370.1	505374.4	5410122.7	19136.30078	436.58	0	48.844053	-86.926751	56859.32	56232.4	17.59	56876.91	56837.17188	57105.08950	57041.68359	505374.4	5410122.7
L5370.1	505374.4	5410122.7	19136.40039	436.43	0	48.844053	-86.926751	56857.95	56232.4	17.59	56875.54	56836.46484	57106.36780	57044.12500	505374.4	5410122.7
L5370.1	505374.3	5410121.2	19136.50000	425.34	0	48.844039	-86.926751	56856.24	56232.4	17.59	56873.83	56835.42188	57099.56329	57038.48047	505374.3	5410121.2
L5370.1	505374.3	5410119.7	19136.59961	424.44	0	48.844026	-86.926751	56855.04	56232.4	17.59	56872.63	56834.88281	57106.27550	57046.35156	505374.3	5410119.7
L5370.1	505374.3	5410118.2	19136.69922	437.35	0	48.844013	-86.926751	56853.29	56232.4	17.59	56870.87	56833.78125	57099.30596	57040.54297	505374.3	5410118.2
L5370.1	505374.3	5410118.2	19136.80078	438.09	0	48.844013	-86.926751	56851.62	56232.4	17.58	56869.20	56832.76563	57095.17103	57037.55859	505374.3	5410118.2
L5370.1	505374.3	5410116.9	19136.90039	439.62	0	48.844001	-86.926751	56849.94	56232.4	17.58	56867.52	56831.73828	57091.32537	57034.85938	505374.3	5410116.9
L5370.1	505374.3	5410115.6	19137.00000	441.70	0	48.843989	-86.926751	56848.63	56232.4	17.58	56866.21	56831.07422	57097.42310	57042.10156	505374.3	5410115.6
L5370.1	505374.3	5410115.6	19137.09961	445.00	0	48.843989	-86.926751	56847.08	56232.4	17.58	56864.66	56830.17188	57097.95685	57043.77344	505374.3	5410115.6
L5370.1	505374.3	5410114.3	19137.19922	442.51	0	48.843977	-86.926751	56844.64	56232.4	17.58	56862.22	56828.37109	57076.40260	57023.35547	505374.3	5410114.3
L5370.1	505374.3	5410114.3	19137.30078	443.74	0	48.843977	-86.926751	56842.70	56232.4	17.58	56860.28	56827.06641	57068.08418	57016.16797	505374.3	5410114.3
L5370.1	505374.3	5410111.9	19137.40039	444.95	0	48.843956	-86.926751	56840.98	56232.4	17.58	56858.56	56825.98047	57065.88132	57015.08594	505374.3	5410111.9
L5370.1	505374.3	5410110.8	19137.50000	444.17	0	48.843946	-86.926751	56839.54	56232.4	17.58	56857.12	56825.16797	57071.31498	57021.63281	505374.3	5410110.8
L5370.1	505374.3	5410109.3	19137.59961	445.31	0	48.843933	-86.926751	56837.32	56232.4	17.58	56854.90	56823.57031	57057.44062	57008.86719	505374.3	5410109.3
L5370.1	505374.3	5410108.2	19137.69922	442.99	0	48.843923	-86.926751	56835.80	56232.4	17.58	56853.38	56822.67188	57061.86936	57014.40234	505374.3	5410108.2
L5370.1	505374.3	5410108.2	19137.80078	442.09	0	48.843923	-86.926751	56833.82	56232.4	17.58	56851.40	56821.30469	57055.11497	57008.74609	505374.3	5410108.2
L5370.1	505374.3	5410106.5	19137.90039	441.61	0	48.843907	-86.926751	56831.89	56232.4	17.58	56849.47	56819.98047	57050.13532	57004.85156	505374.3	5410106.5
L5370.1	505374.3	5410105.4	19138.00000	443.70	0	48.843897	-86.926752	56829.85	56232.4	17.58	56847.43	56818.54688	57042.85972	56998.65625	505374.3	5410105.4
L5370.1	505374.3	5410105.4	19138.09961	441.52	0	48.843897	-86.926752	56827.70	56232.4	17.58	56845.28	56816.99219	57033.28395	56990.15625	505374.3	5410105.4
L5370.1	505374.3	5410103.8	19138.19922	442.95	0	48.843883	-86.926752	56825.94	56232.4	17.58	56843.52	56815.82422	57034.11153	56992.05078	505374.3	5410103.8
L5370.1	505374.3	5410102.5	19138.30078	443.51	0	48.843871	-86.926752	56823.95	56232.4	17.58	56841.54	56814.43359	57029.83454	56988.83203	505374.3	5410102.5
L5370.1	505374.3	5410100.7	19138.40039	444.77	0	48.843855	-86.926752	56822.18	56232.4	17.58	56839.76	56813.23438	57031.12313	56991.16406	505374.3	5410100.7
L5370.1	505374.3	5410100.7	19138.50000	445.96	0	48.843855	-86.926752	56819.94	56232.4	17.58	56837.52	56811.56641	57021.19844	56982.27734	505374.3	5410100.7
L5370.1	505374.3	5410099.3	19138.59961	446.41	0	48.843842	-86.926752	56818.42	56232.4	17.59	56836.00	56810.61719	57030.04632	56992.15625	505374.3	5410099.3
L5370.1	505374.2	5410098.2	19138.69922	446.63	0	48.843833	-86.926752	56815.97	56232.4	17.59	56833.56	56808.73828	57015.98042	56979.11719	505374.2	5410098.2
L5370.1	505374.2	5410098.2	19138.80078	446.02	0	48.843833	-86.926752	56813.96	56232.4	17.59	56831.55	56807.28516	57013.30706	56977.45703	505374.2	5410098.2
L5370.1	505374.2	5410096.9	19138.90039	440.95	0	48.843821	-86.926752	56811.63	56232.4	17.59	56829.21	56805.49609	57002.70544	56967.85547	505374.2	5410096.9
L5370.1	505374.2	5410095.3	19139.00000	440.89	0	48.843806	-86.926753	56809.74	56232.4	17.59	56827.33	56804.16016	57004.24891	56970.39453	505374.2	5410095.3
L5370.1	505374.2	5410093.9	19139.09961	445.14	0	48.843793	-86.926753	56807.53	56232.4	17.59	56825.12	56802.48828	56997.85399	56964.98438	505374.2	5410093.9
L5370.1	505374.2	5410093.9	19139.19922	445.27	0	48.843793	-86.926753	56805.14	56232.4	17.59	56822.72	56800.61719	56987.07360	56955.17969	505374.2	5410093.9
L5370.1	505374.2	5410092.0	19139.30078	443.99	0	48.843777	-86.926753	56802.82	56232.4	17.59	56820.41	56798.83203	56979.01874	56948.09375	505374.2	5410092.0
L5370.1	505374.2	5410090.8	19139.40039	445.22	0	48.843766	-86.926753	56800.52	56232.4	17.59	56818.11	56797.05078	56971.65064	56941.67969	505374.2	5410090.8
L5370.1	505374.2	5410089.5	19139.50000	444.25	0	48.843754	-86.926753	56798.51	56232.4	17.58	56816.10	56795.55078	56972.08003	56943.05469	505374.2	5410089.5
L5370.1	505374.2	5410089.5	19139.59961	443.88	0	48.843754	-86.926753	56796.02	56232.4	17.58	56813.60	56793.55469	56960.47688	56932.38672	505374.2	5410089.5
L5370.1	505374.3	5410087.7	19139.69922	446.34	0	48.843738	-86.926752	56793.83	56232.4	17.58	56811.42	56791.87109	56957.42191	56930.26172	505374.3	5410087.7

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5370.1	505374.3	5410087.7	19139.80078	439.68	0	48.843738	-86.926752	56791.43	56232.4	17.58	56809.02	56789.96094	56949.18455	56922.94141	505374.3	5410087.7
L5370.1	505374.3	5410086.3	19139.90039	439.32	0	48.843725	-86.926752	56789.40	56232.4	17.58	56806.98	56788.40234	56950.49958	56925.16406	505374.3	5410086.3
L5370.1	505374.3	5410084.8	19140.00000	444.35	0	48.843712	-86.926752	56786.91	56232.4	17.58	56804.49	56786.39063	56940.77387	56916.33594	505374.3	5410084.8
L5370.1	505374.3	5410083.6	19140.09961	439.96	0	48.843701	-86.926752	56784.81	56232.4	17.58	56802.40	56784.76953	56941.60408	56918.05469	505374.3	5410083.6
L5370.1	505374.3	5410083.6	19140.19922	437.20	0	48.843701	-86.926752	56782.35	56232.4	17.58	56799.93	56782.76172	56933.15920	56910.48828	505374.3	5410083.6
L5370.1	505374.3	5410081.7	19140.30078	436.76	0	48.843684	-86.926752	56779.88	56232.4	17.59	56797.46	56780.74609	56925.09015	56903.28906	505374.3	5410081.7
L5370.1	505374.3	5410081.7	19140.40039	438.75	0	48.843684	-86.926752	56777.63	56232.4	17.59	56795.22	56778.95313	56923.23533	56902.29297	505374.3	5410081.7
L5370.1	505374.3	5410080.2	19140.50000	438.41	0	48.843670	-86.926751	56775.13	56232.4	17.59	56792.72	56776.89453	56915.13369	56895.04297	505374.3	5410080.2
L5370.1	505374.4	5410078.7	19140.59961	438.22	0	48.843657	-86.926751	56772.91	56232.4	17.59	56790.51	56775.11719	56914.75624	56895.50391	505374.4	5410078.7
L5370.1	505374.4	5410078.7	19140.69922	437.96	0	48.843657	-86.926751	56770.50	56232.4	17.59	56788.10	56773.13281	56909.64150	56891.22266	505374.4	5410078.7
L5370.1	505374.4	5410077.4	19140.80078	440.05	0	48.843645	-86.926751	56768.36	56232.4	17.60	56785.96	56771.41406	56911.72682	56894.13281	505374.4	5410077.4
L5370.1	505374.4	5410077.4	19140.90039	437.65	0	48.843645	-86.926751	56766.09	56232.4	17.60	56783.69	56769.55469	56910.83773	56894.05469	505374.4	5410077.4
L5370.1	505374.5	5410074.1	19141.00000	438.21	0	48.843616	-86.926750	56763.75	56232.4	17.60	56781.35	56767.62109	56908.49072	56892.51172	505374.5	5410074.1
L5370.1	505374.5	5410074.1	19141.09961	439.02	0	48.843616	-86.926750	56761.22	56232.4	17.60	56778.82	56765.48828	56901.62725	56886.44141	505374.5	5410074.1
L5370.1	505374.5	5410072.5	19141.19922	438.81	0	48.843601	-86.926750	56758.73	56232.4	17.60	56776.34	56763.39844	56896.33822	56881.94141	505374.5	5410072.5
L5370.1	505374.5	5410072.5	19141.30078	437.25	0	48.843601	-86.926750	56756.20	56232.4	17.60	56773.80	56761.24219	56889.81879	56876.19922	505374.5	5410072.5
L5370.1	505374.5	5410071.1	19141.40039	436.02	0	48.843589	-86.926749	56753.76	56232.4	17.60	56771.37	56759.19141	56886.38031	56873.52734	505374.5	5410071.1
L5370.1	505374.5	5410069.2	19141.50000	434.91	0	48.843572	-86.926749	56751.32	56232.4	17.61	56768.92	56757.10938	56882.70919	56870.61328	505374.5	5410069.2
L5370.1	505374.5	5410069.2	19141.59961	436.33	0	48.843572	-86.926749	56748.66	56232.4	17.61	56766.27	56754.82422	56874.22086	56862.87500	505374.5	5410069.2
L5370.1	505374.6	5410068.0	19141.69922	438.95	0	48.843560	-86.926749	56746.06	56232.4	17.61	56763.67	56752.58203	56867.25921	56856.66016	505374.6	5410068.0
L5370.1	505374.6	5410066.6	19141.80078	439.84	0	48.843548	-86.926748	56743.43	56232.4	17.61	56761.04	56750.30078	56859.78077	56849.91406	505374.6	5410066.6
L5370.1	505374.6	5410066.6	19141.90039	440.23	0	48.843548	-86.926748	56741.04	56232.4	17.61	56758.65	56748.25391	56858.63731	56849.49219	505374.6	5410066.6
L5370.1	505374.6	5410065.4	19142.00000	442.21	0	48.843538	-86.926748	56738.81	56232.4	17.61	56756.42	56746.35938	56861.78490	56853.35547	505374.6	5410065.4
L5370.1	505374.6	5410064.0	19142.09961	442.53	0	48.843525	-86.926748	56736.22	56232.4	17.61	56753.83	56744.09766	56855.99652	56848.27344	505374.6	5410064.0
L5370.1	505374.6	5410062.8	19142.19922	443.74	0	48.843514	-86.926748	56733.34	56232.4	17.61	56750.95	56741.53906	56843.04014	56836.01953	505374.6	5410062.8
L5370.1	505374.6	5410062.8	19142.30078	444.83	0	48.843514	-86.926748	56730.77	56232.4	17.61	56748.37	56739.27734	56837.89964	56831.57031	505374.6	5410062.8
L5370.1	505374.6	5410061.7	19142.40039	442.61	0	48.843504	-86.926748	56728.23	56232.4	17.61	56745.84	56737.05469	56834.20956	56828.56250	505374.6	5410061.7
L5370.1	505374.6	5410060.5	19142.50000	442.77	0	48.843493	-86.926748	56725.67	56232.4	17.60	56743.27	56734.78906	56829.67073	56824.69531	505374.6	5410060.5
L5370.1	505374.6	5410060.5	19142.59961	443.49	0	48.843493	-86.926748	56723.24	56232.4	17.60	56740.85	56732.66406	56829.10013	56824.78906	505374.6	5410060.5
L5370.1	505374.6	5410058.9	19142.69922	443.19	0	48.843479	-86.926748	56720.39	56232.4	17.60	56737.99	56730.09766	56817.49036	56813.83984	505374.6	5410058.9
L5370.1	505374.6	5410057.7	19142.80078	440.11	0	48.843468	-86.926748	56717.89	56232.4	17.60	56735.49	56727.87891	56815.16156	56812.16016	505374.6	5410057.7
L5370.1	505374.6	5410057.7	19142.90039	440.07	0	48.843468	-86.926748	56715.22	56232.4	17.60	56732.82	56725.48828	56808.63085	56806.26953	505374.6	5410057.7
L5370.1	505374.6	5410056.3	19143.00000	441.27	0	48.843455	-86.926748	56712.73	56232.4	17.60	56730.33	56723.26953	56806.78094	56805.04688	505374.6	5410056.3
L5370.1	505374.6	5410054.9	19143.09961	442.61	0	48.843443	-86.926748	56709.82	56232.4	17.60	56727.42	56720.62500	56794.34951	56793.24219	505374.6	5410054.9
L5370.1	505374.6	5410053.4	19143.19922	444.84	0	48.843429	-86.926747	56707.34	56232.4	17.60	56724.94	56718.40625	56792.92672	56792.43359	505374.6	5410053.4
L5370.1	505374.6	5410053.4	19143.30078	446.47	0	48.843429	-86.926747	56704.70	56232.4	17.60	56722.30	56716.01953	56787.50406	56787.62109	505374.6	5410053.4
L5370.1	505374.7	5410052.0	19143.40039	441.20	0	48.843417	-86.926747	56702.06	56232.4	17.60	56719.66	56713.62891	56782.13457	56782.84766	505374.7	5410052.0
L5370.1	505374.7	5410052.0	19143.50000	442.28	0	48.843417	-86.926747	56699.36	56232.4	17.61	56716.96	56711.17188	56775.27970	56776.58203	505374.7	5410052.0
L5370.1	505374.7	5410050.4	19143.59961	442.45	0	48.843403	-86.926747	56696.58	56232.4	17.61	56714.19	56708.64063	56766.67156	56768.55469	505374.7	5410050.4
L5370.1	505374.7	5410048.5	19143.69922	446.83	0	48.843385	-86.926747	56693.94	56232.4	17.61	56711.55	56706.23047	56761.37938	56763.83594	505374.7	5410048.5
L5370.1	505374.7	5410048.5	19143.80078	443.23	0	48.843385	-86.926747	56691.42	56232.4	17.61	56709.03	56703.93750	56759.13499	56762.15625	505374.7	5410048.5
L5370.1	505374.7	5410047.6	19143.90039	427.85	0	48.843377	-86.926747	56688.94	56232.4	17.61	56706.55	56701.67969	56757.89101	56761.46875	505374.7	5410047.6
L5370.1	505374.7	5410046.4	19144.00000	427.99	0	48.843366	-86.926747	56686.09	56232.4	17.61	56703.70	56699.04688	56747.21279	56751.33594	505374.7	5410046.4
L5370.1	505374.7	5410046.4	19144.09961	428.88	0	48.843366	-86.926747	56683.56	56232.4	17.61	56701.17	56696.72656	56744.62279	56749.28125	505374.7	5410046.4
L5370.1	505374.7	5410045.0	19144.19922	426.47	0	48.843354	-86.926747	56680.42	56232.4	17.61	56698.03	56693.79297	56726.47005	56731.66016	505374.7	5410045.0
L5370.1	505374.7	5410043.7	19144.30078	425.74	0	48.843342	-86.926747	56678.08	56232.4	17.61	56695.69	56691.65234	56728.57612	56734.28516	505374.7	5410043.7
L5370.1	505374.7	5410043.7	19144.40039	425.10	0	48.843342	-86.926747	56675.44	56232.4	17.61	56693.05	56689.21094	56722.96925	56729.18750	505374.7	5410043.7
L5370.1	505374.7	5410042.4	19144.50000	426.12	0	48.843330	-86.926746	56672.95	56232.4	17.61	56690.56	56686.91016	56721.07187	56727.78906	505374.7	5410042.4
L5370.1	505374.7	5410041.3	19144.59961	423.15	0	48.843321	-86.926746	56670.13	56232.4	17.61	56687.74	56684.27734	56710.66983	56717.88281	505374.7	5410041.3
L5370.1	505374.7	5410041.3	19144.69922	422.77	0	48.843321	-86.926746	56667.31	56232.4	17.61	56684.92	56681.64063	56700.13562	56707.83203	505374.7	5410041.3
L5370.1	505374.7	5410039.7	19144.80078	423.61	0	48.843306	-86.926746	56664.80	56232.4	17.61	56682.41	56679.30859	56697.33340	56705.50000	505374.7	5410039.7
L5370.1	505374.7	5410038.4	19144.90039	426.93	0	48.843295	-86.926747	56662.22	56232.4	17.61	56679.83	56676.90234	56692.59056	56701.21875	505374.7	5410038.4
L5370.1	505374.7	5410037.5	19145.00000	425.22	0	48.843287	-86.926747	56659.58	56232.4	17.61	56677.19	56674.43359	56686.14658	56695.22656	505374.7	5410037.5
L5370.1	505374.7	5410037.5	19145.09961	425.10	0	48.843287	-86.926747	56656.73	56232.4	17.61	56674.35	56671.75781	56674.42862	56683.95313	505374.7	5410037.5
L5370.1	505374.7	5410036.3	19145.19922	423.15	0	48.843276	-86.926747	56654.36	56232.4	17.61	56671.98	56669.54688	56674.45057	56684.41016	505374.7	5410036.3
L5370.1	505374.7	5410036.3	19145.30078	423.28	0	48.843276	-86.926747	56651.79	56232.4	17.62	56669.40	56667.12500	56668.91523	56679.29688	505374.7	5410036.3
L5370.1	505374.7	5410035.0	19145.40039	421.45	0	48.843264	-86.926747	56649.46	56232.4	17.62	56667.08	56664.95703	56669.75349	56680.54688	505374.7	5410035.0
L5370.1	505374.7	5410035.0	19145.50000	419.64	0	48.843264	-86.926747	56646.84	56232.4	17.62	56664.46	56662.48828	56662.71818	56673.91406	505374.7	5410035.0
L5370.1	505374.7	5410033.4	19145.59961	421.24	0	48.843250	-86.926748	56644.38	56232.4	17.62	56662.00	56660.17578	56659.48619	56671.07031	505374.7	5410033.4
L5370.1	505374.6	5410032.5	19145.69922	420.84	0	48.843241	-86.926748	56641.54	56232.4	17.62	56659.16	56657.47656	56646.31890	56658.28516	505374.6	5410032.5
L5370.1	505374.6	5410031.3	19145.80078	421.16	0	48.843231	-86.926748	56638.74	56232.4	17.63	56656.36	56654.81641	56633.87679	56646.21094	505374.6	5410031.3
L5370.1	505374.6	5410030.2	19145.90039	422.31	0	48.843221	-86.926748	56636.50	56232.4	17.63	56654.12	56652.71094	56635.36208	56648.05469	505374.6	5410030.2
L5370.1	505374.6	5410030.2	19146.00000	423.72	0	48.843221	-86.926748	56634.14	56232.4	17.63	56651.77	56650.49219	56633.73252	56646.76953	505374.6	5410030.2
L5370.1	505374.6	5410029.1	19146.09961	424.53	0	48.843211	-86.926749	56632.01	56232.4	17.63	56649.64	56648.49219	56637.36166	56650.73438	505374.6	5410029.1
L5370.1	505374.6	5410029.1	19146.19922	424.50	0	48.843211	-86.926749	56629.32	56232.4	17.63	56646.95	56645.92969	56626.41188	56640.10938	505374.6	5410029.1
L5370.1	505374.6	5410027.8	19146.30078	424.27	0	48.843199	-86.926749	56627.09	56232.4	17.63	56644.72	56643.82031	56626.79390	56640.80469	505374.6	5410027.8
L5370.1	505374.6	5410026.9	19146.40039	425.39	0	48.843191	-86.926749	56624.33	56232.4	17.63	56641.97	56641.19141	56613.58738	56627.89453	505374.6	5410026.9
L5370.1	505374.6	5410026.0	19146.50000	426.53	0	48.843183	-86.926749	56622.08	56232.4	17.63	56639.71	56639.05078	56612.44933	56627.04688	505374.6	5410026.0
L5370.1	505374.6	5410026.0	19146.59961	423.29	0	48.843183	-86.926749	56619.71	56232.4	17.64	56637.34	56636.79297	56608.11781	56622.98828	505374.6	5410026.0
L5370.1	505374.6	5410025.2	19146.69922	423.40	0	48.843176	-86.926749	56617.46	56232.4	17.64	56635.10	56634.66406	56606.68028	56621.81641	505374.6	5410025.2
L5370.1	505374.5	5410024.4	19146.80078	423.86	0	48.843168	-86.926749	56615.22	56232.4	17.64	56632.86	56632.53516	56604.82066	56620.20703	505374.5	5410024.4
L5370.1	505374.5	5410023.3	19146.90039	424.42	0	48.843159	-86.926749	56612.96	56232.4	17.64	56630.60	56630.38281	56602.01890	56617.64063	505374.5	5410023.3
L5370.1	505374.5	5410023.3	19147.00000	424.53	0	48.843159	-86.926749	56610.81	56232.4	17.64	56628.45	56628.33594	56601.56757	56617.41406	505374.5	5410023.3
L5370.1	505374.5	5410022.4	19147.09961	423.58	0	48.843150	-86.926750	56608.22	56232.4	17.64	56625.86	56625.84766	56589.47690	56605.53906	505374.5	5410022.4
L5370.1	505374.5	5410021.4	19147.19922	422.79	0	48.843142	-86.926750	56606.18	56232.4	17.64	56623.82	56623.90625	56590.89754	56607.16016	505374.5	5410021.4
L5370.1	505374.5	5410021.4	19147.30078	422.51	0	48.843142	-86.926750	56603.57	56232.4	17.64	56621.21	56621.39453	56577.35348	56593.80078	505374.5	5410021.4
L5370.1	505374.5	5410020.6	19147.40039	423.94	0	48.843134	-86.926750	56601.67	56232.4	17.64	56619.31	56619.58984	56581.36657	56597.98828	505374.5	5410020.6
L5370.1	505374.5	5410019.7	19147.50000	425.64	0	48.843126	-86.926750	56599.24	56232.4	17.64	56616.88	56617.25391	56571.41161	56588.19141	505374.5	5410019.7
L5370.1	505374.5	5410019.0	19147.59961	425.63	0	48.843120	-86.926750	56597.20	56232.4	17.64	56614.84	56615.30469	56570.86154	56587.78906	505374.5	5410019.0
L5370.1	505374.5	5410019.0	19147.69922	425.79	0	48.843120	-86.926750	56594.98	56232.4	17.64	56612.62	56613.17578	56565.22039	56582.28125	505374.5	5410019.0
L5370.1	505374.5	5410017.9	19147.80078	427.07	0	48.843110	-86.926750	56592.94	56232.4	17.64	56610.58	56611.22266	56563.62911	56580.80859	505374.5	5410017.9
L5370.1	505374.5	5410017.1	19147.90039	424.77	0	48.843103	-86.926750	56590.76	56232.4	17.64	56608.40	56609.12891	56557.94642	56575.23438	505374.5	5410017.1
L5370.1	505374.5	5410017.1	19148.00000	423.85	0	48.843103	-86.926750	56588.57	56232.4	17.64	56606.21	56607.02344	56551.46849	56568.84766	505374.5	5410017.1
L5370.1	505374.5	5410016.4	19148.09961	423.06	0	48.843097	-86.926750	56586.76	56232.4	17.64	56604.40	56605.29688	56554.09996	56571.55859	505374.5	5410016.4
L5370.1	505374.5	5410015.7	19148.19922	439.06	0	48.843090	-86.926750	56584.39	56232.4	17.64	56602.03	56603.00781	56541.94310	56559.46484	505374.5	5410015.7
L5370.1	505374.5	5410015.0	19148.30078	438.27	0	48.843084	-86.926750	56582.70	56232.4	17.64	56600.34	56601.39844	56546.50672	56564.08203	505374.5	5410015.0
L5370.1	505374.5	5410015.0	19148.40039	439.79	0	48.843084	-86.926750	56580.36	56232.4	17.64	56598.00	56599.13672	56533.98187	56551.59375	505374.5	5410015.0
L5370.1	505374.5	5410014.2	19148.50000	439.14	0	48.843077	-86.926750	56578.56	56232.4	17.64	56596.20	56597.41406	56534.60748	56552.24219	505374.5	5410014.2
L5370.1	505374.5	5410013.4	19148.59961	441.75	0	48.843069	-86.926750	56576.25	56232.4	17.64	56593.89	56595.17969	56521.69187	56539.33594	505374.5	5410013.4
L5370.1	505374.5	5410013.4	19148.69922	442.46	0	48.843069	-86.926750	56574.56	56232.4	17.64	56592.20	56593.56641	56523.94995	56541.58984	505374.5	5410013.4
L5370.1	505374.5	5410012.7	19148.80078	438.94	0	48.843063	-86.926750	56572.44	56232.4	17.64	56590.08	56591.51953	56514.69099	56532.31250	505374.5	5410012.7
L5370.1	505374.5	5410012.0	19148.90039	442.14	0	48.843057	-86.926750	56570.56	56232.4	17.64	56588.20	56589.71094	56510.93964	56528.53125	505374.5	5410012.0
L5370.1	505374.5	5410011.1	19149.00000	439.57	0	48.843048	-86.926750	56568.54	56232.4	17.64	56586.18	56587.76172	56503.03463	56520.57813	505374.5	5410011.1

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5370.1	505374.5	5410011.1	19149.09961	439.65	0	48.843048	-86.926750	56566.66	56232.4	17.64	56584.30	56585.95313	56498.08945	56515.57422	505374.5	5410011.1
L5370.1	505374.5	5410010.3	19149.19922	440.61	0	48.843041	-86.926750	56564.91	56232.4	17.65	56582.56	56584.28125	56496.10175	56513.51563	505374.5	5410010.3
L5370.1	505374.5	5410010.3	19149.30078	440.73	0	48.843041	-86.926750	56562.88	56232.4	17.65	56580.52	56582.31250	56485.88676	56503.21484	505374.5	5410010.3
L5370.1	505374.5	5410009.6	19149.40039	441.69	0	48.843036	-86.926750	56561.14	56232.3	17.65	56578.79	56580.64844	56482.94663	56500.17578	505374.5	5410009.6
L5370.1	505374.5	5410008.9	19149.50000	441.86	0	48.843029	-86.926750	56559.02	56232.3	17.65	56576.67	56578.59766	56469.48953	56486.60547	505374.5	5410008.9
L5370.1	505374.5	5410008.9	19149.59961	444.55	0	48.843029	-86.926750	56557.46	56232.3	17.66	56575.12	56577.11328	56469.91408	56486.90234	505374.5	5410008.9
L5370.1	505374.5	5410007.9	19149.69922	445.47	0	48.843020	-86.926750	56555.77	56232.3	17.66	56573.43	56575.48828	56466.17528	56483.02344	505374.5	5410007.9
L5370.1	505374.5	5410007.4	19149.80078	445.13	0	48.843016	-86.926750	56554.20	56232.3	17.66	56571.86	56573.98438	56464.88182	56481.57813	505374.5	5410007.4
L5370.1	505374.5	5410006.8	19149.90039	446.72	0	48.843010	-86.926750	56552.23	56232.3	17.67	56569.89	56572.08203	56452.81866	56469.35156	505374.5	5410006.8
L5370.1	505374.5	5410006.8	19150.00000	445.80	0	48.843010	-86.926750	56550.60	56232.3	17.67	56568.27	56570.52344	56449.04913	56465.40234	505374.5	5410006.8
L5370.1	505374.5	5410006.1	19150.09961	445.47	0	48.843004	-86.926750	56549.04	56232.3	17.67	56566.71	56569.02734	56446.20481	56462.36719	505374.5	5410006.1
L5370.1	505374.5	5410005.4	19150.19922	443.58	0	48.842997	-86.926750	56547.28	56232.3	17.67	56564.95	56567.33203	56437.68023	56453.63672	505374.5	5410005.4
L5370.1	505374.5	5410005.4	19150.30078	443.93	0	48.842997	-86.926750	56545.68	56232.3	17.67	56563.35	56565.79688	56432.62810	56448.37109	505374.5	5410005.4
L5370.1	505374.5	5410004.7	19150.40039	441.11	0	48.842991	-86.926750	56544.17	56232.3	17.67	56561.84	56564.34766	56429.27291	56444.78906	505374.5	5410004.7
L5370.1	505374.5	5410004.2	19150.50000	442.22	0	48.842986	-86.926750	56542.82	56232.3	17.67	56560.49	56563.06250	56429.39781	56444.67188	505374.5	5410004.2
L5370.1	505374.5	5410004.2	19150.59961	443.96	0	48.842986	-86.926750	56541.08	56232.3	17.68	56558.75	56561.38281	56419.02874	56434.05078	505374.5	5410004.2
L5370.1	505374.5	5410003.6	19150.69922	440.85	0	48.842981	-86.926750	56539.81	56232.3	17.68	56557.48	56560.17578	56420.02817	56434.78906	505374.5	5410003.6
L5370.1	505374.5	5410002.8	19150.80078	440.91	0	48.842975	-86.926750	56538.04	56232.3	17.68	56555.72	56558.47656	56408.00259	56422.48828	505374.5	5410002.8
L5370.1	505374.5	5410002.4	19150.90039	441.59	0	48.842971	-86.926750	56536.79	56232.3	17.68	56554.47	56557.28906	56408.37356	56422.57422	505374.5	5410002.4
L5370.1	505374.5	5410002.4	19151.00000	443.37	0	48.842971	-86.926750	56535.28	56232.3	17.68	56552.96	56555.83984	56401.57748	56415.48438	505374.5	5410002.4
L5370.1	505374.5	5410001.9	19151.09961	444.34	0	48.842966	-86.926750	56533.98	56232.3	17.68	56551.67	56554.61328	56399.82069	56413.41797	505374.5	5410001.9
L5370.1	505374.5	5410001.9	19151.19922	442.09	0	48.842966	-86.926750	56532.58	56232.3	17.68	56550.26	56553.26563	56394.46919	56407.75000	505374.5	5410001.9
L5370.1	505374.4	5410000.9	19151.30078	443.72	0	48.842957	-86.926751	56531.08	56232.3	17.69	56548.76	56551.82422	56386.29319	56399.25000	505374.4	5410000.9
L5370.1	505374.4	5410000.9	19151.40039	442.92	0	48.842957	-86.926751	56530.11	56232.3	17.69	56547.79	56550.91797	56391.05853	56403.67969	505374.4	5410000.9
L5370.1	505374.4	5410000.4	19151.50000	440.92	0	48.842953	-86.926751	56528.50	56232.3	17.69	56546.19	56549.37891	56379.29167	56391.56641	505374.4	5410000.4
L5370.1	505374.4	5410000.4	19151.59961	442.04	0	48.842953	-86.926751	56527.45	56232.3	17.69	56545.14	56548.39063	56380.99204	56392.91406	505374.4	5410000.4
L5370.1	505374.4	5410000.0	19151.69922	443.85	0	48.842949	-86.926751	56526.18	56232.3	17.69	56543.87	56547.18359	56376.59899	56388.15625	505374.4	5410000.0
L5370.1	505374.4	5409999.6	19151.80078	438.84	0	48.842945	-86.926752	56525.16	56232.3	17.70	56542.85	56546.22656	56378.06762	56389.25391	505374.4	5409999.6
L5370.1	505374.4	5409999.1	19151.90039	440.28	0	48.842941	-86.926752	56523.68	56232.3	17.70	56541.37	56544.80859	56367.36300	56378.17188	505374.4	5409999.1
L5370.1	505374.4	5409998.8	19152.00000	445.58	0	48.842938	-86.926752	56522.75	56232.3	17.70	56540.45	56543.95313	56370.41958	56380.83984	505374.4	5409998.8
L5370.1	505374.4	5409998.8	19152.09961	445.73	0	48.842938	-86.926752	56521.63	56232.3	17.70	56539.33	56542.89453	56367.93233	56377.95703	505374.4	5409998.8
L5370.1	505374.4	5409998.4	19152.19922	444.41	0	48.842934	-86.926751	56520.66	56232.3	17.70	56538.36	56541.98828	56368.80795	56378.42969	505374.4	5409998.4
L5370.1	505374.4	5409998.0	19152.30078	442.84	0	48.842931	-86.926751	56519.70	56232.3	17.70	56537.39	56541.08203	56369.24561	56378.46094	505374.4	5409998.0
L5370.1	505374.4	5409998.0	19152.40039	443.62	0	48.842931	-86.926751	56518.77	56232.3	17.70	56536.47	56540.22656	56370.52794	56379.32813	505374.4	5409998.0
L5370.1	505374.4	5409997.6	19152.50000	443.29	0	48.842928	-86.926751	56517.86	56232.3	17.69	56535.55	56539.37109	56371.39633	56379.77734	505374.4	5409997.6
L5370.1	505374.4	5409997.2	19152.59961	443.74	0	48.842924	-86.926751	56516.84	56232.3	17.69	56534.53	56538.41797	56369.32163	56377.27734	505374.4	5409997.2
L5370.1	505374.4	5409997.2	19152.69922	443.38	0	48.842924	-86.926751	56516.07	56232.3	17.69	56533.76	56537.71094	56373.21205	56380.73438	505374.4	5409997.2
L5370.1	505374.4	5409996.9	19152.80078	443.36	0	48.842921	-86.926751	56515.05	56232.3	17.69	56532.74	56536.75781	56370.37275	56377.46094	505374.4	5409996.9
L5370.1	505374.4	5409996.5	19152.90039	442.87	0	48.842918	-86.926751	56514.31	56232.3	17.69	56532.00	56536.08594	56374.28723	56380.93359	505374.4	5409996.5
L5370.1	505374.4	5409996.2	19153.00000	442.02	0	48.842915	-86.926751	56513.42	56232.3	17.69	56531.11	56535.26172	56374.04024	56380.24219	505374.4	5409996.2
L5370.1	505374.4	5409996.2	19153.09961	444.73	0	48.842915	-86.926751	56512.82	56232.3	17.69	56530.52	56534.73828	56381.08249	56386.83594	505374.4	5409996.2
L5370.1	505374.5	5409995.9	19153.19922	445.19	0	48.842912	-86.926751	56511.91	56232.3	17.69	56529.60	56533.88672	56379.41602	56384.71875	505374.5	5409995.9
L5370.1	505374.5	5409995.7	19153.30078	442.74	0	48.842910	-86.926751	56511.22	56232.3	17.70	56528.92	56533.27734	56383.54181	56388.39063	505374.5	5409995.7
L5370.1	505374.5	5409995.7	19153.40039	441.78	0	48.842910	-86.926751	56510.66	56232.3	17.70	56528.36	56532.78516	56390.42422	56394.81641	505374.5	5409995.7
L5370.1	505374.5	5409995.7	19153.50000	441.69	0	48.842910	-86.926751	56510.10	56232.3	17.70	56527.80	56532.29688	56397.02780	56400.96484	505374.5	5409995.7
L5370.1	505374.5	5409995.3	19153.59961	443.39	0	48.842907	-86.926750	56509.77	56232.3	17.70	56527.47	56532.03906	56409.21270	56412.68750	505374.5	5409995.3
L5370.1	505374.5	5409995.1	19153.69922	443.28	0	48.842905	-86.926750	56509.11	56232.3	17.70	56526.81	56531.44922	56412.76083	56415.77344	505374.5	5409995.1
L5370.1	505374.6	5409994.9	19153.80078	443.48	0	48.842903	-86.926750	56508.62	56232.3	17.71	56526.33	56531.04297	56420.64896	56423.19922	505374.6	5409994.9
L5370.1	505374.6	5409994.9	19153.90039	446.54	0	48.842903	-86.926750	56507.77	56232.3	17.71	56525.48	56530.26563	56418.91340	56421.00391	505374.6	5409994.9
L5370.1	505374.6	5409994.7	19154.00000	442.86	0	48.842901	-86.926749	56507.57	56232.3	17.71	56525.28	56530.14063	56433.49307	56435.11719	505374.6	5409994.7
L5370.1	505374.6	5409994.6	19154.09961	442.39	0	48.842900	-86.926749	56507.14	56232.3	17.71	56524.85	56529.78906	56442.03725	56443.19922	505374.6	5409994.6
L5370.1	505374.6	5409994.6	19154.19922	442.36	0	48.842900	-86.926749	56506.86	56232.3	17.71	56524.57	56529.58203	56454.21898	56454.92188	505374.6	5409994.6
L5370.1	505374.6	5409994.4	19154.30078	440.77	0	48.842899	-86.926749	56506.55	56232.3	17.72	56524.26	56529.35156	56465.47859	56465.71875	505374.6	5409994.4
L5370.1	505374.6	5409994.3	19154.40039	440.39	0	48.842898	-86.926749	56506.45	56232.3	17.72	56524.16	56529.32813	56481.93100	56481.71484	505374.6	5409994.3
L5370.1	505374.6	5409994.2	19154.50000	439.54	0	48.842897	-86.926748	56506.22	56232.3	17.72	56523.94	56529.18750	56495.20420	56494.53125	505374.6	5409994.2
L5370.1	505374.6	5409994.2	19154.59961	438.38	0	48.842897	-86.926748	56505.98	56232.3	17.72	56523.71	56529.03906	56508.10908	56506.98047	505374.6	5409994.2
L5370.1	505374.7	5409994.2	19154.69922	440.64	0	48.842897	-86.926748	56505.91	56232.3	17.72	56523.63	56529.03906	56524.72728	56523.14453	505374.7	5409994.2
L5370.1	505374.7	5409994.1	19154.80078	441.24	0	48.842896	-86.926748	56505.76	56232.3	17.73	56523.48	56528.97266	56539.48246	56537.45313	505374.7	5409994.1
L5370.1	505374.7	5409994.1	19154.90039	443.30	0	48.842896	-86.926748	56505.71	56232.3	17.73	56523.44	56529.01563	56556.96449	56554.48828	505374.7	5409994.1
L5370.1	505374.7	5409994.0	19155.00000	441.85	0	48.842895	-86.926747	56505.66	56232.3	17.73	56523.39	56529.05078	56574.13848	56571.22266	505374.7	5409994.0
L5370.1	505374.7	5409993.8	19155.09961	441.45	0	48.842894	-86.926747	56505.48	56232.3	17.73	56523.21	56528.95703	56587.96947	56584.61719	505374.7	5409993.8
L5370.1	505374.7	5409993.8	19155.19922	440.72	0	48.842894	-86.926747	56505.20	56232.3	17.73	56522.93	56528.76563	56599.23474	56595.44922	505374.7	5409993.8
L5370.1	505374.7	5409993.7	19155.30078	440.05	0	48.842892	-86.926747	56504.86	56232.3	17.73	56522.60	56528.52344	56609.21978	56605.00781	505374.7	5409993.7
L5370.1	505374.7	5409993.7	19155.40039	439.28	0	48.842892	-86.926747	56504.38	56232.3	17.73	56522.11	56528.12500	56615.14346	56610.50781	505374.7	5409993.7
L5370.1	505374.7	5409993.5	19155.50000	440.67	0	48.842891	-86.926747	56504.05	56232.3	17.74	56521.78	56527.88281	56625.15325	56620.10156	505374.7	5409993.5
L5370.1	505374.7	5409993.4	19155.59961	442.13	0	48.842889	-86.926747	56503.36	56232.3	17.74	56521.09	56527.28516	56626.04732	56620.58203	505374.7	5409993.4
L5370.1	505374.8	5409993.2	19155.69922	443.45	0	48.842887	-86.926747	56503.03	56232.3	17.74	56520.76	56527.05078	56636.13910	56630.26953	505374.8	5409993.2
L5370.1	505374.8	5409993.2	19155.80078	446.44	0	48.842887	-86.926747	56502.80	56232.3	17.74	56520.53	56526.91797	56648.83451	56642.57031	505374.8	5409993.2
L5370.1	505374.8	5409993.0	19155.90039	448.17	0	48.842886	-86.926747	56502.14	56232.3	17.74	56519.88	56526.36328	56650.93123	56644.27344	505374.8	5409993.0
L5370.1	505374.8	5409992.7	19156.00000	448.70	0	48.842883	-86.926747	56501.72	56232.3	17.74	56519.46	56526.03906	56658.96302	56651.92188	505374.8	5409992.7
L5370.1	505374.8	5409992.7	19156.09961	434.87	0	48.842883	-86.926747	56501.32	56232.3	17.74	56519.06	56525.74219	56667.60602	56660.19141	505374.8	5409992.7
L5370.1	505374.8	5409992.5	19156.19922	432.43	0	48.842881	-86.926747	56500.70	56232.3	17.74	56518.45	56525.23047	56671.02784	56663.24219	505374.8	5409992.5
L5370.1	505374.8	5409992.2	19156.30078	447.95	0	48.842879	-86.926746	56499.99	56232.3	17.75	56517.73	56524.61328	56671.78300	56663.64063	505374.8	5409992.2
L5370.1	505374.8	5409991.9	19156.40039	447.70	0	48.842877	-86.926746	56499.25	56232.3	17.75	56517.00	56523.98828	56672.42582	56663.92969	505374.8	5409991.9
L5370.1	505374.8	5409991.9	19156.50000	446.48	0	48.842877	-86.926746	56498.36	56232.3	17.75	56516.11	56523.20703	56669.15644	56660.31641	505374.8	5409991.9
L5370.1	505374.8	5409991.7	19156.59961	446.72	0	48.842874	-86.926746	56497.72	56232.2	17.75	56515.47	56522.67188	56672.40751	56663.23438	505374.8	5409991.7
L5370.1	505374.8	5409991.4	19156.69922	445.29	0	48.842872	-86.926746	56496.98	56232.2	17.75	56514.73	56522.04297	56673.29555	56663.79688	505374.8	5409991.4
L5370.1	505374.8	5409991.4	19156.80078	444.88	0	48.842872	-86.926746	56496.34	56232.2	17.76	56514.10	56521.52344	56677.16955	56667.35547	505374.8	5409991.4
L5370.1	505374.8	5409991.1	19156.90039	443.59	0	48.842869	-86.926746	56495.38	56232.2	17.76	56513.13	56520.66797	56672.60390	56662.48438	505374.8	5409991.1
L5370.1	505374.8	5409990.7	19157.00000	444.56	0	48.842865	-86.926746	56494.73	56232.2	17.76	56512.49	56520.14063	56676.63825	56666.22266	505374.8	5409990.7
L5370.1	505374.8	5409990.3	19157.09961	442.08	0	48.842862	-86.926746	56493.71	56232.2	17.76	56511.48	56519.25000	56671.49250	56660.79297	505374.8	5409990.3
L5370.1	505374.8	5409990.3	19157.19922	440.25	0	48.842862	-86.926746	56492.69	56232.2	17.77	56510.46	56518.34766	56666.32683	56655.35156	505374.8	5409990.3
L5370.1	505374.8	5409989.9	19157.30078	443.01	0	48.842859	-86.926746	56491.57	56232.2	17.78	56509.34	56517.34766	56658.86411	56647.62109	505374.8	5409989.9
L5370.1	505374.8	5409989.6	19157.40039	442.32	0	48.842856	-86.926747	56490.83	56232.2	17.78	56508.61	56516.73828	56661.56794	56650.07031	505374.8	5409989.6
L5370.1	505374.7	5409989.3	19157.50000	441.47	0	48.842852	-86.926747	56489.63	56232.2	17.79	56507.41	56515.66406	56652.59049	56640.84766	505374.7	5409989.3
L5370.1	505374.7	5409989.3	19157.59961	440.47	0	48.842852	-86.926747	56488.56	56232.2	17.79	56506.35	56514.73047	56647.44464	56635.46875	505374.7	5409989.3
L5370.1	505374.7	5409988.8	19157.69922	437.89	0	48.842848	-86.926748	56487.74	56232.2	17.79	56505.54	56514.04688	56648.93507	56636.73438	505374.7	5409988.8
L5370.1	505374.7	5409988.8	19157.80078	437.65	0	48.842848	-86.926748	56486.74	56232.2	17.80	56504.54	56513.17969	56645.88758	56633.47656	505374.7	5409988.8
L5370.1	505374.7	5409988.3	19157.90039	438.89	0	48.842844	-86.926748	56485.37	56232.2	17.81	56503.17	56511.94141	56633.73567	56621.12109	505374.7	5409988.3
L5370.1	505374.7	5409987.9	19158.00000	438.98	0	48.842841	-86.926748	56484.55	56232.2	17.81	56502.36	56511.26563	56636.12389	56623.32031	505374.7	5409987.9
L5370.1	505374.7	5409987.9	19158.09961	437.03	0	48.842841	-86.926748	56483.68	56232.2	17.81	56501.50	56510.54297	56637.55636	56624.57422	505374.7	5409987.9
L5370.1	505374.6	5409987.4	19158.19922	422.40	0	48.842836	-86.926749	56482.58	56232.2	17.81	56500.39	56509.57031	56632.95727	56619.80859	505374.6	5409987.4
L5370.1	505374.6	5409987.0	19158.30078	424.05	0	48.842832	-86.926749	56481.39	56232.2	17.81	56499.20	56508.51953	56626.65426	56613.34766	505374.6	5409987.0

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5370.1	505374.6	5409987.0	19158.40039	439.90	0	48.842832	-86.926749	56480.32	56232.2	17.81	56498.13	56507.59375	56623.73709	56610.28516	505374.6	5409987.0
L5370.1	505374.6	5409986.5	19158.50000	439.21	0	48.842828	-86.926749	56479.12	56232.2	17.82	56496.93	56506.53906	56617.85817	56604.27344	505374.6	5409986.5
L5370.1	505374.6	5409986.1	19158.59961	439.61	0	48.842824	-86.926749	56477.96	56232.2	17.82	56495.78	56505.53906	56613.59825	56599.89063	505374.6	5409986.1
L5370.1	505374.6	5409986.1	19158.69922	438.44	0	48.842824	-86.926749	56476.82	56232.2	17.82	56494.64	56504.54688	56609.94632	56596.12891	505374.6	5409986.1
L5370.1	505374.6	5409985.6	19158.80078	441.55	0	48.842819	-86.926749	56475.72	56232.2	17.82	56493.54	56503.60156	56607.67014	56593.75391	505374.6	5409985.6
L5370.1	505374.6	5409985.1	19158.90039	442.91	0	48.842815	-86.926749	56474.47	56232.2	17.82	56492.29	56502.50391	56601.94566	56587.94141	505374.6	5409985.1
L5370.1	505374.6	5409984.6	19159.00000	442.01	0	48.842811	-86.926749	56473.14	56232.2	17.82	56490.96	56501.33203	56594.55656	56580.47656	505374.6	5409984.6
L5370.1	505374.6	5409984.3	19159.09961	442.53	0	48.842808	-86.926749	56471.71	56232.2	17.82	56489.54	56500.07031	56585.25296	56571.10547	505374.6	5409984.3
L5370.1	505374.6	5409984.3	19159.19922	443.77	0	48.842808	-86.926749	56470.72	56232.2	17.83	56488.54	56499.23438	56587.00075	56572.80078	505374.6	5409984.3
L5370.1	505374.6	5409983.9	19159.30078	444.33	0	48.842804	-86.926749	56469.21	56232.2	17.83	56487.04	56497.89844	56576.42113	56562.17969	505374.6	5409983.9
L5370.1	505374.6	5409983.5	19159.40039	443.51	0	48.842800	-86.926749	56468.06	56232.2	17.83	56485.90	56496.92578	56575.37481	56561.10156	505374.6	5409983.5
L5370.1	505374.7	5409983.0	19159.50000	442.17	0	48.842796	-86.926748	56466.71	56232.2	17.83	56484.55	56495.74219	56569.37782	56555.08203	505374.7	5409983.0
L5370.1	505374.7	5409982.5	19159.59961	441.22	0	48.842792	-86.926748	56465.46	56232.2	17.84	56483.29	56494.65625	56566.05745	56551.75391	505374.7	5409982.5
L5370.1	505374.7	5409982.5	19159.69922	436.99	0	48.842792	-86.926748	56463.88	56232.2	17.84	56481.72	56493.26172	56555.24975	56540.94531	505374.7	5409982.5
L5370.1	505374.7	5409982.0	19159.80078	435.94	0	48.842787	-86.926748	56462.47	56232.2	17.84	56480.32	56492.03906	56549.15621	56534.86328	505374.7	5409982.0
L5370.1	505374.7	5409981.5	19159.90039	439.46	0	48.842783	-86.926748	56461.28	56232.2	17.85	56479.12	56491.01563	56548.54096	56534.26953	505374.7	5409981.5
L5370.1	505374.7	5409981.5	19160.00000	439.88	0	48.842783	-86.926748	56459.77	56232.2	17.85	56477.62	56489.69922	56540.69756	56526.46094	505374.7	5409981.5
L5370.1	505374.7	5409981.0	19160.09961	440.44	0	48.842778	-86.926747	56458.57	56232.1	17.85	56476.42	56488.68359	56540.87646	56526.68359	505374.7	5409981.0
L5370.1	505374.7	5409981.0	19160.19922	433.75	0	48.842778	-86.926747	56456.96	56232.1	17.85	56474.81	56487.26172	56531.03332	56516.89453	505374.7	5409981.0
L5370.1	505374.7	5409980.4	19160.30078	432.40	0	48.842773	-86.926747	56455.56	56232.1	17.85	56473.41	56486.05469	56526.92634	56512.85156	505374.7	5409980.4
L5370.1	505374.7	5409979.8	19160.40039	433.53	0	48.842767	-86.926747	56454.08	56232.1	17.85	56471.93	56484.76563	56521.18519	56507.17969	505374.7	5409979.8
L5370.1	505374.7	5409979.4	19160.50000	433.88	0	48.842763	-86.926748	56452.57	56232.1	17.86	56470.43	56483.46094	56515.33473	56501.41406	505374.7	5409979.4
L5370.1	505374.7	5409979.4	19160.59961	436.39	0	48.842763	-86.926748	56450.96	56232.1	17.86	56468.82	56482.05078	56507.08723	56493.25781	505374.7	5409979.4
L5370.1	505374.7	5409978.9	19160.69922	432.53	0	48.842759	-86.926748	56449.46	56232.1	17.86	56467.31	56480.74219	56501.77937	56488.05469	505374.7	5409978.9
L5370.1	505374.7	5409978.5	19160.80078	434.20	0	48.842756	-86.926748	56448.08	56232.1	17.86	56465.94	56479.57813	56500.42692	56486.81250	505374.7	5409978.5
L5370.1	505374.6	5409977.8	19160.90039	434.50	0	48.842750	-86.926749	56446.58	56232.1	17.86	56464.44	56478.28516	56496.16657	56482.67188	505374.6	5409977.8
L5370.1	505374.6	5409977.8	19161.00000	433.03	0	48.842750	-86.926749	56445.07	56232.1	17.86	56462.93	56476.98438	56492.04687	56478.67969	505374.6	5409977.8
L5370.1	505374.6	5409977.1	19161.09961	432.19	0	48.842743	-86.926749	56443.44	56232.1	17.86	56461.30	56475.56641	56485.27051	56472.03906	505374.6	5409977.1
L5370.1	505374.6	5409976.7	19161.19922	429.24	0	48.842739	-86.926750	56441.90	56232.1	17.86	56459.77	56474.25391	56481.42715	56468.33984	505374.6	5409976.7
L5370.1	505374.6	5409976.7	19161.30078	429.72	0	48.842739	-86.926750	56440.02	56232.1	17.87	56457.89	56472.59375	56469.07775	56456.14453	505374.6	5409976.7
L5370.1	505374.5	5409976.2	19161.40039	430.81	0	48.842735	-86.926750	56438.89	56232.1	17.87	56456.76	56471.68359	56476.17728	56463.40625	505374.5	5409976.2
L5370.1	505374.5	5409975.6	19161.50000	433.31	0	48.842730	-86.926750	56437.29	56232.1	17.87	56455.16	56470.30859	56471.71628	56459.11328	505374.5	5409975.6
L5370.1	505374.5	5409975.6	19161.59961	434.01	0	48.842730	-86.926750	56435.86	56232.1	17.87	56453.73	56469.10547	56471.95813	56459.53125	505374.5	5409975.6
L5370.1	505374.5	5409975.1	19161.69922	434.09	0	48.842725	-86.926750	56434.07	56232.1	17.87	56451.94	56467.54688	56463.42976	56451.18750	505374.5	5409975.1
L5370.1	505374.5	5409974.6	19161.80078	430.34	0	48.842720	-86.926750	56432.87	56232.1	17.88	56450.75	56466.58984	56470.52723	56458.47266	505374.5	5409974.6
L5370.1	505374.5	5409974.1	19161.90039	432.05	0	48.842716	-86.926751	56431.04	56232.1	17.88	56448.91	56464.98828	56461.47787	56449.62109	505374.5	5409974.1
L5370.1	505374.5	5409974.1	19162.00000	438.54	0	48.842716	-86.926751	56429.45	56232.1	17.88	56447.33	56463.64844	56459.40662	56447.75000	505374.5	5409974.1
L5370.1	505374.5	5409973.5	19162.09961	438.09	0	48.842711	-86.926751	56427.69	56232.1	17.88	56445.57	56462.12891	56453.12719	56441.67969	505374.5	5409973.5
L5370.1	505374.5	5409973.0	19162.19922	416.76	0	48.842706	-86.926751	56426.16	56232.1	17.89	56444.05	56460.85547	56453.31058	56442.07813	505374.5	5409973.0
L5370.1	505374.5	5409973.0	19162.30078	415.97	0	48.842706	-86.926751	56424.73	56232.1	17.89	56442.62	56459.67188	56456.14075	56445.12891	505374.5	5409973.0
L5370.1	505374.5	5409972.4	19162.40039	432.61	0	48.842701	-86.926751	56422.96	56232.1	17.89	56440.86	56458.16406	56450.93931	56440.15625	505374.5	5409972.4
L5370.1	505374.5	5409972.4	19162.50000	431.92	0	48.842701	-86.926751	56421.46	56232.1	17.90	56439.36	56456.91797	56452.69758	56442.14453	505374.5	5409972.4
L5370.1	505374.5	5409971.9	19162.59961	432.73	0	48.842696	-86.926751	56419.63	56232.1	17.90	56437.53	56455.34766	56446.41630	56436.09766	505374.5	5409971.9
L5370.1	505374.5	5409971.4	19162.69922	416.95	0	48.842692	-86.926751	56418.12	56232.1	17.90	56436.02	56454.09766	56448.61152	56438.53516	505374.5	5409971.4
L5370.1	505374.5	5409970.9	19162.80078	413.98	0	48.842687	-86.926751	56416.36	56232.1	17.90	56434.26	56452.60156	56444.79212	56434.96094	505374.5	5409970.9
L5370.1	505374.5	5409970.9	19162.90039	424.66	0	48.842687	-86.926751	56414.86	56232.1	17.91	56432.76	56451.37109	56447.91580	56438.33203	505374.5	5409970.9
L5370.1	505374.5	5409970.4	19163.00000	422.27	0	48.842682	-86.926751	56412.91	56232.1	17.91	56430.82	56449.69922	56440.18727	56430.85938	505374.5	5409970.4
L5370.1	505374.5	5409969.8	19163.09961	425.16	0	48.842677	-86.926751	56411.34	56232.1	17.91	56429.25	56448.40234	56442.18880	56433.11719	505374.5	5409969.8
L5370.1	505374.5	5409969.8	19163.19922	427.18	0	48.842677	-86.926751	56409.54	56232.1	17.91	56427.46	56446.89063	56438.92071	56430.10938	505374.5	5409969.8
L5370.1	505374.5	5409969.3	19163.30078	427.39	0	48.842673	-86.926751	56407.86	56232.1	17.91	56425.77	56445.48047	56438.51151	56429.96094	505374.5	5409969.3
L5370.1	505374.5	5409968.9	19163.40039	426.06	0	48.842669	-86.926751	56406.20	56232.1	17.91	56424.12	56444.11328	56439.43175	56431.14844	505374.5	5409968.9
L5370.1	505374.5	5409968.3	19163.50000	426.82	0	48.842664	-86.926751	56404.42	56232.1	17.92	56422.33	56442.60938	56437.10207	56429.08594	505374.5	5409968.3
L5370.1	505374.5	5409968.3	19163.59961	429.64	0	48.842664	-86.926751	56402.98	56232.1	17.92	56420.90	56441.46484	56444.22572	56436.48047	505374.5	5409968.3
L5370.1	505374.5	5409967.9	19163.69922	429.55	0	48.842661	-86.926751	56400.99	56232.1	17.92	56418.91	56439.76953	56437.41576	56429.94531	505374.5	5409967.9
L5370.1	505374.5	5409967.4	19163.80078	430.41	0	48.842655	-86.926751	56399.34	56232.1	17.92	56417.26	56438.41406	56439.54170	56432.34375	505374.5	5409967.4
L5370.1	505374.5	5409966.8	19163.90039	431.01	0	48.842651	-86.926751	56397.17	56232.1	17.92	56415.09	56436.54297	56428.74153	56421.82031	505374.5	5409966.8
L5370.1	505374.5	5409966.8	19164.00000	430.85	0	48.842651	-86.926751	56395.79	56232.1	17.92	56413.71	56435.46484	56438.30521	56431.66016	505374.5	5409966.8
L5370.1	505374.5	5409966.2	19164.09961	429.65	0	48.842645	-86.926751	56393.93	56232.1	17.92	56411.85	56433.90625	56435.95036	56429.58594	505374.5	5409966.2
L5370.1	505374.5	5409966.2	19164.19922	427.93	0	48.842645	-86.926751	56392.22	56232.1	17.92	56410.14	56432.50781	56437.68436	56431.59766	505374.5	5409966.2
L5370.1	505374.4	5409965.6	19164.30078	425.69	0	48.842639	-86.926751	56390.23	56232.1	17.93	56408.15	56430.82813	56432.57404	56426.76563	505374.4	5409965.6
L5370.1	505374.4	5409965.2	19164.40039	424.62	0	48.842636	-86.926751	56388.67	56232.1	17.93	56406.60	56429.58984	56438.91427	56433.38672	505374.4	5409965.2
L5370.1	505374.4	5409964.7	19164.50000	409.52	0	48.842631	-86.926751	56386.93	56232.1	17.93	56404.86	56428.16797	56440.68887	56435.44141	505374.4	5409964.7
L5370.1	505374.4	5409964.7	19164.59961	408.11	0	48.842631	-86.926751	56384.82	56232.1	17.93	56402.75	56426.37891	56433.31875	56428.35156	505374.4	5409964.7
L5370.1	505374.4	5409964.2	19164.69922	425.33	0	48.842627	-86.926751	56383.03	56232.1	17.93	56400.96	56424.91016	56434.33647	56429.65234	505374.4	5409964.2
L5370.1	505374.4	5409964.2	19164.80078	424.31	0	48.842627	-86.926751	56381.12	56232.1	17.94	56399.05	56423.32813	56432.55503	56428.14844	505374.4	5409964.2
L5370.1	505374.4	5409963.5	19164.90039	426.07	0	48.842621	-86.926752	56379.61	56232.1	17.94	56397.55	56422.15625	56441.44067	56437.31641	505374.4	5409963.5
L5370.1	505374.4	5409963.1	19165.00000	423.64	0	48.842617	-86.926752	56377.85	56232.1	17.94	56395.79	56420.73047	56443.96092	56440.11328	505374.4	5409963.1
L5370.1	505374.4	5409963.1	19165.09961	418.40	0	48.842617	-86.926752	56375.98	56232.1	17.94	56393.93	56419.20703	56444.17842	56440.60938	505374.4	5409963.1
L5370.1	505374.4	5409962.5	19165.19922	422.30	0	48.842612	-86.926752	56373.76	56232.1	17.95	56391.71	56417.32422	56435.48131	56432.18750	505374.4	5409962.5
L5370.1	505374.4	5409962.0	19165.30078	425.15	0	48.842607	-86.926752	56371.93	56232	17.95	56389.88	56415.83594	56436.92764	56433.91016	505374.4	5409962.0
L5370.1	505374.4	5409961.4	19165.40039	407.86	0	48.842602	-86.926752	56369.86	56232	17.96	56387.82	56414.12109	56432.75614	56430.01172	505374.4	5409961.4
L5370.1	505374.4	5409961.4	19165.50000	409.02	0	48.842602	-86.926752	56367.92	56232	17.96	56385.88	56412.53125	56431.85883	56429.38672	505374.4	5409961.4
L5370.1	505374.4	5409960.9	19165.59961	423.13	0	48.842597	-86.926752	56366.18	56232	17.96	56384.15	56411.15234	56436.51974	56434.31641	505374.4	5409960.9
L5370.1	505374.4	5409960.5	19165.69922	421.37	0	48.842594	-86.926752	56364.22	56232	17.97	56382.19	56409.54688	56435.55279	56433.61719	505374.4	5409960.5
L5370.1	505374.4	5409960.5	19165.80078	418.50	0	48.842594	-86.926752	56362.36	56232	17.97	56380.33	56408.04297	56437.34201	56435.67578	505374.4	5409960.5
L5370.1	505374.4	5409960.0	19165.90039	421.84	0	48.842589	-86.926752	56360.06	56232	17.98	56378.04	56406.11328	56428.41415	56427.01172	505374.4	5409960.0
L5370.1	505374.4	5409960.0	19166.00000	422.60	0	48.842589	-86.926752	56358.50	56232	17.98	56376.48	56404.91797	56438.24849	56437.10938	505374.4	5409960.0
L5370.1	505374.4	5409959.4	19166.09961	424.32	0	48.842584	-86.926752	56356.16	56232	17.98	56374.14	56402.94531	56428.46469	56427.58594	505374.4	5409959.4
L5370.1	505374.4	5409958.9	19166.19922	424.39	0	48.842579	-86.926752	56354.24	56232	17.98	56372.22	56401.39453	56429.55895	56428.93750	505374.4	5409958.9
L5370.1	505374.4	5409958.4	19166.30078	423.73	0	48.842575	-86.926752	56352.33	56232	17.98	56370.31	56399.85938	56431.10839	56430.74219	505374.4	5409958.4
L5370.1	505374.4	5409958.4	19166.40039	424.58	0	48.842575	-86.926752	56350.36	56232	17.98	56368.35	56398.27344	56431.58579	56431.47266	505374.4	5409958.4
L5370.1	505374.4	5409957.9	19166.50000	424.23	0	48.842571	-86.926752	56348.29	56232	17.99	56366.27	56396.57422	56429.20988	56429.34766	505374.4	5409957.9
L5370.1	505374.4	5409957.4	19166.59961	423.86	0	48.842566	-86.926752	56346.06	56232	17.99	56364.04	56394.72656	56423.21616	56423.60547	505374.4	5409957.4
L5370.1	505374.4	5409956.9	19166.69922	421.74	0	48.842561	-86.926753	56343.86	56232	17.99	56361.84	56392.91016	56418.17758	56418.81250	505374.4	5409956.9
L5370.1	505374.4	5409956.9	19166.80078	420.39	0	48.842561	-86.926753	56341.91	56232	17.99	56359.90	56391.35938	56419.93799	56420.81641	505374.4	5409956.9
L5370.1	505374.4	5409956.4	19166.90039	416.48	0	48.842557	-86.926753	56339.95	56232	17.99	56357.94	56389.78906	56421.37943	56422.50000	505374.4	5409956.4
L5370.1	505374.3	5409955.8	19167.00000	415.71	0	48.842552	-86.926753	56337.73	56232	17.99	56355.72	56387.96484	56416.40069	56417.76172	505374.3	5409955.8
L5370.1	505374.3	5409955.8	19167.09961	418.24	0	48.842552	-86.926753	56335.79	56232	17.99	56353.78	56386.42188	56418.72492	56420.32422	505374.3	5409955.8
L5370.1	505374.3	5409955.4	19167.19922	418.66	0	48.842548	-86.926753	56333.34	56232	17.99	56351.33	56384.37109	56408.27262	56410.10547	505374.3	5409955.4
L5370.1	505374.3	5409954.8	19167.30078	411.35	0	48.842543	-86.926753	56331.22	56232	17.99	56349.21	56382.65234	56406.39189	56408.46094	505374.3	5409954.8
L5370.1	505374.3	5409954.1	19167.40039	412.96	0	48.842536	-86.926754	56328.82	56232	17.99	56346.81	56380.66016	56397.57833	56399.87891	505374.3	5409954.1
L5370.1	505374.3	5409954.1	19167.50000	417.96	0	48.842536	-86.926754	56326.55	56232	17.99	56344.54	56378.79688	56392.25163	56394.78125	505374.3	5409954.1
L5370.1	505374.3	5409953.7	19167.59961	418.39	0	48.842532	-86.926754	56324.58	56232	17.99	56342.57	56377.24219	56394.73183	56397.48828	505374.3	5409953.7

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5370.1	505374.3	5409953.7	19167.69922	416.20	0	48.842532	-86.926754	56322.42	56232	17.99	56340.41	56375.49609	56392.56484	56395.54688	505374.3	5409953.7
L5370.1	505374.3	5409953.0	19167.80078	405.49	0	48.842526	-86.926754	56320.32	56232	17.99	56338.31	56373.81250	56392.10423	56395.31250	505374.3	5409953.0
L5370.1	505374.3	5409953.0	19167.90039	404.84	0	48.842526	-86.926754	56317.70	56232	17.99	56335.69	56371.61328	56378.60874	56382.03906	505374.3	5409953.0
L5370.1	505374.3	5409952.5	19168.00000	412.86	0	48.842521	-86.926754	56315.38	56232	17.99	56333.36	56369.70703	56372.66497	56376.32031	505374.3	5409952.5
L5370.1	505374.2	5409951.9	19168.09961	415.80	0	48.842516	-86.926754	56312.67	56232	18.00	56330.66	56367.43359	56357.49867	56361.37500	505374.2	5409951.9
L5370.1	505374.2	5409951.3	19168.19922	418.60	0	48.842511	-86.926755	56310.78	56232	18.00	56328.78	56365.98438	56363.35463	56367.45313	505374.2	5409951.3
L5370.1	505374.2	5409950.8	19168.30078	418.60	0	48.842507	-86.926755	56308.61	56232	18.01	56326.62	56364.25391	56362.27595	56366.59375	505374.2	5409950.8
L5370.1	505374.2	5409950.8	19168.40039	419.02	0	48.842507	-86.926755	56306.52	56232	18.01	56324.53	56362.60156	56363.15850	56367.69922	505374.2	5409950.8
L5370.1	505374.2	5409950.4	19168.50000	418.12	0	48.842503	-86.926755	56303.89	56232	18.02	56321.91	56360.41797	56350.75344	56355.51563	505374.2	5409950.4
L5370.1	505374.2	5409949.7	19168.59961	400.37	0	48.842497	-86.926755	56301.52	56232	18.03	56319.54	56358.48828	56344.88557	56349.86719	505374.2	5409949.7
L5370.1	505374.2	5409949.7	19168.69922	400.91	0	48.842497	-86.926755	56299.20	56232	18.03	56317.23	56356.62109	56340.72666	56345.93359	505374.2	5409949.7
L5370.1	505374.2	5409949.1	19168.80078	419.40	0	48.842491	-86.926754	56296.48	56232	18.04	56314.52	56354.35938	56326.58631	56332.01563	505374.2	5409949.1
L5370.1	505374.2	5409949.1	19168.90039	420.90	0	48.842491	-86.926754	56294.57	56232	18.04	56312.62	56352.91016	56333.21835	56338.87109	505374.2	5409949.1
L5370.1	505374.2	5409948.7	19169.00000	416.58	0	48.842487	-86.926754	56292.52	56231.9	18.05	56310.57	56351.31250	56336.22475	56342.10547	505374.2	5409948.7
L5370.1	505374.2	5409948.2	19169.09961	412.81	0	48.842483	-86.926754	56290.46	56231.9	18.05	56308.51	56349.70703	56339.16476	56345.27344	505374.2	5409948.2
L5370.1	505374.2	5409948.2	19169.19922	413.23	0	48.842483	-86.926754	56287.51	56231.9	18.05	56305.56	56347.21484	56319.67372	56326.01563	505374.2	5409948.2
L5370.1	505374.2	5409947.7	19169.30078	409.61	0	48.842478	-86.926754	56284.98	56231.9	18.06	56303.04	56345.15625	56311.30148	56317.87891	505374.2	5409947.7
L5370.1	505374.2	5409947.0	19169.40039	411.78	0	48.842473	-86.926754	56282.09	56231.9	18.06	56300.14	56342.71875	56293.46259	56300.27734	505374.2	5409947.0
L5370.1	505374.2	5409947.0	19169.50000	410.53	0	48.842473	-86.926754	56279.82	56231.9	18.06	56297.88	56340.92578	56292.08229	56299.14063	505374.2	5409947.0
L5370.1	505374.3	5409946.6	19169.59961	407.42	0	48.842469	-86.926754	56278.12	56231.9	18.06	56296.18	56339.69531	56305.12865	56312.43359	505374.3	5409946.6
L5370.1	505374.3	5409946.0	19169.69922	410.40	0	48.842464	-86.926754	56276.12	56231.9	18.06	56294.18	56338.16797	56310.74558	56318.30078	505374.3	5409946.0
L5370.1	505374.3	5409945.7	19169.80078	390.45	0	48.842461	-86.926754	56273.47	56231.9	18.07	56291.54	56336.00000	56300.29313	56308.10547	505374.3	5409945.7
L5370.1	505374.2	5409945.1	19169.90039	388.60	0	48.842456	-86.926755	56270.52	56231.9	18.07	56288.58	56333.51953	56281.90569	56289.98047	505374.2	5409945.1
L5370.1	505374.2	5409945.1	19170.00000	410.45	0	48.842456	-86.926755	56268.06	56231.9	18.07	56286.13	56331.55078	56276.67965	56285.02344	505374.2	5409945.1
L5370.1	505374.2	5409944.5	19170.09961	411.96	0	48.842450	-86.926755	56265.00	56231.9	18.07	56283.07	56328.97266	56256.15089	56264.76563	505374.2	5409944.5
L5370.1	505374.2	5409944.0	19170.19922	410.91	0	48.842445	-86.926755	56263.06	56231.9	18.07	56281.13	56327.51953	56264.28984	56273.18750	505374.2	5409944.0
L5370.1	505374.2	5409944.0	19170.30078	408.12	0	48.842445	-86.926755	56261.24	56231.9	18.08	56279.31	56326.18750	56275.68222	56284.87109	505374.2	5409944.0
L5370.1	505374.2	5409943.5	19170.40039	406.02	0	48.842441	-86.926755	56259.23	56231.9	18.08	56277.31	56324.67969	56282.70469	56292.18750	505374.2	5409943.5
L5370.1	505374.2	5409942.9	19170.50000	406.24	0	48.842436	-86.926755	56256.22	56231.9	18.08	56274.30	56322.16406	56264.26356	56274.05469	505374.2	5409942.9
L5370.1	505374.2	5409942.9	19170.59961	406.14	0	48.842436	-86.926755	56253.45	56231.9	18.08	56271.53	56319.89063	56252.12963	56262.23438	505374.2	5409942.9
L5370.1	505374.2	5409942.4	19170.69922	407.06	0	48.842431	-86.926755	56250.84	56231.9	18.08	56268.92	56317.78125	56244.27084	56254.69922	505374.2	5409942.4
L5370.1	505374.1	5409941.9	19170.80078	407.95	0	48.842426	-86.926756	56248.11	56231.9	18.09	56266.19	56315.55469	56233.57195	56244.33594	505374.1	5409941.9
L5370.1	505374.1	5409941.9	19170.90039	408.41	0	48.842426	-86.926756	56246.01	56231.9	18.09	56264.10	56313.96875	56239.34989	56250.45703	505374.1	5409941.9
L5370.1	505374.1	5409941.4	19171.00000	408.47	0	48.842422	-86.926756	56244.20	56231.9	18.09	56262.29	56312.66797	56252.45601	56263.91797	505374.1	5409941.4
L5370.1	505374.1	5409941.4	19171.09961	394.55	0	48.842422	-86.926756	56241.82	56231.9	18.09	56259.91	56310.80078	56251.28788	56263.11719	505374.1	5409941.4
L5370.1	505374.1	5409940.8	19171.19922	391.16	0	48.842417	-86.926756	56238.84	56231.9	18.09	56256.94	56308.34375	56235.33798	56247.54297	505374.1	5409940.8
L5370.1	505374.1	5409940.3	19171.30078	410.06	0	48.842412	-86.926756	56236.05	56231.9	18.10	56254.15	56306.07031	56224.17698	56236.77344	505374.1	5409940.3
L5370.1	505374.1	5409940.0	19171.40039	409.30	0	48.842409	-86.926757	56233.36	56231.9	18.10	56251.45	56303.89063	56215.51802	56228.51563	505374.1	5409940.0
L5370.1	505374.1	5409939.5	19171.50000	410.40	0	48.842405	-86.926757	56230.70	56231.9	18.10	56248.80	56301.76563	56208.34489	56221.75781	505374.1	5409939.5
L5370.1	505374.1	5409939.5	19171.59961	407.51	0	48.842405	-86.926757	56228.76	56231.9	18.10	56246.86	56300.35156	56219.43215	56233.27344	505374.1	5409939.5
L5370.1	505374.1	5409938.8	19171.69922	408.19	0	48.842399	-86.926757	56226.71	56231.9	18.10	56244.82	56298.83984	56228.19324	56242.48047	505374.1	5409938.8
L5370.1	505374.1	5409938.4	19171.80078	410.71	0	48.842395	-86.926757	56223.88	56231.9	18.11	56241.99	56296.53906	56217.09134	56231.83203	505374.1	5409938.4
L5370.1	505374.1	5409938.4	19171.90039	411.04	0	48.842395	-86.926757	56220.41	56231.9	18.11	56238.52	56293.60156	56189.93854	56205.15234	505374.1	5409938.4
L5370.1	505374.0	5409937.9	19172.00000	410.69	0	48.842391	-86.926757	56217.07	56231.9	18.11	56235.18	56290.80078	56166.30450	56182.00391	505374.0	5409937.9
L5370.1	505374.0	5409937.4	19172.09961	410.49	0	48.842386	-86.926757	56214.14	56231.9	18.11	56232.25	56288.41016	56153.30499	56169.50781	505374.0	5409937.4
L5370.1	505374.0	5409936.7	19172.19922	407.40	0	48.842380	-86.926758	56211.50	56231.9	18.11	56229.62	56286.32031	56148.14351	56164.86328	505374.0	5409936.7
L5370.1	505374.0	5409936.7	19172.30078	406.17	0	48.842380	-86.926758	56210.18	56231.9	18.11	56228.30	56285.54688	56176.48884	56193.73828	505374.0	5409936.7
L5370.1	505373.9	5409935.8	19172.40039	406.40	0	48.842371	-86.926759	56208.14	56231.9	18.11	56226.26	56284.05469	56186.74603	56204.54688	505373.9	5409935.8
L5370.1	505373.9	5409935.8	19172.50000	408.25	0	48.842371	-86.926759	56205.51	56231.9	18.11	56223.62	56281.96484	56181.96351	56200.32813	505373.9	5409935.8
L5370.1	505373.9	5409935.3	19172.59961	408.93	0	48.842367	-86.926759	56202.08	56231.9	18.12	56220.19	56279.08594	56157.31065	56176.25781	505373.9	5409935.3
L5370.1	505373.9	5409935.3	19172.69922	407.74	0	48.842367	-86.926759	56198.88	56231.9	18.12	56217.00	56276.45313	56138.96364	56158.50781	505373.9	5409935.3
L5370.1	505373.9	5409934.7	19172.80078	408.05	0	48.842361	-86.926759	56196.20	56231.9	18.12	56214.32	56274.33203	56133.78253	56153.94141	505373.9	5409934.7
L5370.1	505373.9	5409934.2	19172.90039	407.34	0	48.842357	-86.926760	56193.61	56231.9	18.12	56211.73	56272.30078	56131.09035	56151.88281	505373.9	5409934.2
L5370.1	505373.9	5409934.2	19173.00000	406.13	0	48.842357	-86.926760	56191.73	56231.9	18.12	56209.85	56270.98438	56146.64211	56168.08594	505373.9	5409934.2
L5370.1	505373.8	5409933.7	19173.09961	403.40	0	48.842352	-86.926760	56189.67	56231.9	18.12	56207.79	56269.49219	56157.81494	56179.92578	505373.8	5409933.7
L5370.1	505373.8	5409933.0	19173.19922	405.16	0	48.842347	-86.926760	56187.02	56231.9	18.12	56205.15	56267.42188	56154.43936	56177.23438	505373.8	5409933.0
L5370.1	505373.8	5409933.0	19173.30078	405.30	0	48.842347	-86.926760	56183.46	56231.9	18.12	56201.58	56264.42188	56127.61638	56151.11719	505373.8	5409933.0
L5370.1	505373.8	5409932.4	19173.40039	404.37	0	48.842341	-86.926761	56180.12	56231.9	18.12	56198.24	56261.65625	56106.82436	56131.04688	505373.8	5409932.4
L5370.1	505373.8	5409932.0	19173.50000	405.05	0	48.842337	-86.926761	56177.48	56231.9	18.13	56195.61	56259.60156	56104.25869	56129.21875	505373.8	5409932.0
L5370.1	505373.8	5409931.5	19173.59961	405.60	0	48.842333	-86.926761	56174.89	56231.9	18.13	56193.02	56257.59375	56102.88652	56128.60547	505373.8	5409931.5
L5370.1	505373.8	5409931.1	19173.69922	401.39	0	48.842329	-86.926761	56173.02	56231.9	18.13	56191.14	56256.29297	56119.73161	56146.22656	505373.8	5409931.1
L5370.1	505373.8	5409931.1	19173.80078	400.11	0	48.842329	-86.926761	56170.60	56231.9	18.13	56188.73	56254.46875	56123.27356	56150.56250	505373.8	5409931.1
L5370.1	505373.8	5409930.5	19173.90039	400.74	0	48.842324	-86.926761	56167.84	56231.9	18.13	56185.97	56252.29688	56118.08188	56146.18359	505373.8	5409930.5
L5370.1	505373.8	5409930.0	19174.00000	398.06	0	48.842320	-86.926761	56164.77	56231.9	18.13	56182.90	56249.81250	56105.16753	56134.10156	505373.8	5409930.0
L5370.1	505373.8	5409930.0	19174.09961	400.96	0	48.842320	-86.926761	56161.82	56231.9	18.13	56179.96	56247.46484	56095.70746	56125.48828	505373.8	5409930.0
L5370.1	505373.7	5409929.6	19174.19922	401.93	0	48.842315	-86.926761	56158.82	56231.9	18.14	56176.96	56245.05859	56084.86639	56115.51563	505373.7	5409929.6
L5370.1	505373.7	5409929.6	19174.30078	400.66	0	48.842315	-86.926761	56156.18	56231.9	18.14	56174.33	56243.02344	56083.56645	56115.09766	505373.7	5409929.6
L5370.1	505373.7	5409929.1	19174.40039	399.61	0	48.842311	-86.926761	56154.19	56231.9	18.15	56172.33	56241.62109	56098.40877	56130.84375	505373.7	5409929.1
L5370.1	505373.7	5409928.5	19174.50000	404.13	0	48.842306	-86.926761	56151.96	56231.9	18.15	56170.11	56240.00391	56107.78278	56141.13672	505373.7	5409928.5
L5370.1	505373.7	5409928.0	19174.59961	401.15	0	48.842301	-86.926761	56149.03	56231.8	18.15	56167.18	56237.67578	56099.22724	56133.51953	505373.7	5409928.0
L5370.1	505373.7	5409928.0	19174.69922	400.37	0	48.842301	-86.926761	56145.71	56231.8	18.16	56163.87	56234.96875	56081.12137	56116.37109	505373.7	5409928.0
L5370.1	505373.7	5409927.6	19174.80078	399.21	0	48.842298	-86.926762	56142.73	56231.8	18.16	56160.89	56232.59375	56071.50203	56107.72266	505373.7	5409927.6
L5370.1	505373.7	5409927.0	19174.90039	398.30	0	48.842292	-86.926762	56139.79	56231.8	18.17	56157.96	56230.27344	56063.24425	56100.45703	505373.7	5409927.0
L5370.1	505373.7	5409926.5	19175.00000	398.04	0	48.842288	-86.926762	56137.24	56231.8	18.17	56155.41	56228.33203	56064.72629	56102.94531	505373.7	5409926.5
L5370.1	505373.7	5409926.5	19175.09961	399.06	0	48.842288	-86.926762	56135.20	56231.8	18.17	56153.37	56226.90625	56079.24295	56118.48438	505373.7	5409926.5
L5370.1	505373.7	5409925.9	19175.19922	380.64	0	48.842283	-86.926762	56132.84	56231.8	18.17	56151.01	56225.16016	56085.68968	56125.96875	505373.7	5409925.9
L5370.1	505373.7	5409925.5	19175.30078	381.53	0	48.842278	-86.926762	56129.63	56231.8	18.18	56147.81	56222.57422	56070.84047	56112.17578	505373.7	5409925.5
L5370.1	505373.6	5409924.9	19175.40039	398.47	0	48.842274	-86.926763	56126.41	56231.8	18.18	56144.58	56219.96094	56055.27179	56097.67969	505373.6	5409924.9
L5370.1	505373.6	5409924.9	19175.50000	400.55	0	48.842274	-86.926763	56123.23	56231.8	18.18	56141.41	56217.41016	56041.26054	56084.75391	505373.6	5409924.9
L5370.1	505373.6	5409924.5	19175.59961	398.29	0	48.842270	-86.926763	56120.32	56231.8	18.18	56138.50	56215.12109	56033.87902	56078.47266	505373.6	5409924.5
L5370.1	505373.6	5409924.0	19175.69922	396.97	0	48.842265	-86.926763	56117.89	56231.8	18.18	56136.08	56213.32031	56038.96172	56084.67188	505373.6	5409924.0
L5370.1	505373.6	5409924.0	19175.80078	397.97	0	48.842265	-86.926763	56116.17	56231.8	18.19	56134.35	56212.21484	56061.58033	56108.41797	505373.6	5409924.0
L5370.1	505373.6	5409923.4	19175.90039	397.21	0	48.842260	-86.926764	56113.92	56231.8	18.19	56132.11	56210.59766	56071.22437	56119.20703	505373.6	5409923.4
L5370.1	505373.6	5409923.4	19176.00000	396.18	0	48.842260	-86.926764	56110.94	56231.8	18.19	56129.13	56208.24219	56062.03626	56111.17578	505373.6	5409923.4
L5370.1	505373.5	5409922.8	19176.09961	395.46	0	48.842255	-86.926764	56107.41	56231.8	18.19	56125.61	56205.34766	56039.08684	56089.39844	505373.5	5409922.8
L5370.1	505373.5	5409922.3	19176.19922	394.65	0	48.842250	-86.926764	56104.39	56231.8	18.20	56122.58	56202.94531	56028.54166	56080.03516	505373.5	5409922.3
L5370.1	505373.5	5409921.8	19176.30078	394.86	0	48.842246	-86.926765	56101.60	56231.8	18.20	56119.80	56200.79297	56024.28817	56076.97656	505373.5	5409921.8
L5370.1	505373.5	5409921.8	19176.40039	392.82	0	48.842246	-86.926765	56099.32	56231.8	18.20	56117.52	56199.14453	56032.66721	56086.56250	505373.5	5409921.8
L5370.1	505373.5	5409921.2	19176.50000	393.07	0	48.842241	-86.926765	56097.27	56231.8	18.21	56115.48	56197.73438	56047.05741	56102.17188	505373.5	5409921.2
L5370.1	505373.4	5409920.7	19176.59961	392.13	0	48.842236	-86.926766	56095.10	56231.8	18.21	56113.31	56196.19531	56058.04144	56114.38281	505373.4	5409920.7
L5370.1	505373.4	5409920.7	19176.69922	391.20	0	48.842236	-86.926766	56092.06	56231.8	18.21	56110.27	56193.78516	56046.79796	56104.37891	505373.4	5409920.7
L5370.1	505373.4	5409920.2	19176.80078	392.88	0	48.842231	-86.926766	56088.83	56231.8	18.21	56107.04	56191.18750	56030.59563	56089.42969	505373.4	5409920.2
L5370.1	505373.4	5409919.6	19176.90039	393.65	0	48.842226	-86.926766	56085.84	56231.8	18.22	56104.06	56188.83984	56020.60314	56080.69531	505373.4	5409919.6

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5370.1	505373.4	5409919.1	19177.00000	393.88	0	48.842221	-86.926766	56083.16	56231.8	18.22	56101.38	56186.79297	56018.07689	56079.43359	505373.4	5409919.1
L5370.1	505373.4	5409919.1	19177.09961	393.79	0	48.842221	-86.926766	56080.64	56231.8	18.22	56098.86	56184.90234	56019.44416	56082.07813	505373.4	5409919.1
L5370.1	505373.4	5409918.4	19177.19922	394.06	0	48.842215	-86.926766	56078.76	56231.8	18.22	56096.98	56183.65625	56036.88973	56100.80469	505373.4	5409918.4
L5370.1	505373.4	5409918.4	19177.30078	395.79	0	48.842215	-86.926766	56076.40	56231.8	18.22	56094.63	56181.93750	56042.18736	56107.39453	505373.4	5409918.4
L5370.1	505373.4	5409917.9	19177.40039	395.22	0	48.842211	-86.926766	56073.34	56231.8	18.22	56091.57	56179.51172	56029.22230	56095.72656	505373.4	5409917.9
L5370.1	505373.4	5409917.5	19177.50000	394.05	0	48.842207	-86.926766	56070.01	56231.8	18.23	56088.23	56176.80469	56008.90814	56076.71484	505373.4	5409917.5
L5370.1	505373.4	5409917.0	19177.59961	393.28	0	48.842203	-86.926766	56067.02	56231.8	18.23	56085.25	56174.45703	55997.49562	56066.60938	505373.4	5409917.0
L5370.1	505373.4	5409917.0	19177.69922	393.18	0	48.842203	-86.926766	56064.22	56231.8	18.23	56082.45	56172.28906	55990.39458	56060.82031	505373.4	5409917.0
L5370.1	505373.4	5409916.4	19177.80078	392.74	0	48.842197	-86.926766	56061.88	56231.8	18.23	56080.11	56170.57813	55994.70598	56066.44922	505373.4	5409916.4
L5370.1	505373.4	5409915.9	19177.90039	391.25	0	48.842193	-86.926766	56060.22	56231.8	18.23	56078.45	56169.55078	56016.00576	56089.07031	505373.4	5409915.9
L5370.1	505373.4	5409915.4	19178.00000	392.03	0	48.842188	-86.926766	56057.84	56231.8	18.23	56076.07	56167.80078	56018.69646	56093.08594	505373.4	5409915.4
L5370.1	505373.4	5409915.4	19178.09961	394.70	0	48.842188	-86.926766	56054.93	56231.8	18.23	56073.17	56165.53125	56007.84562	56083.55859	505373.4	5409915.4
L5370.1	505373.4	5409914.8	19178.19922	394.84	0	48.842183	-86.926766	56051.41	56231.8	18.24	56069.65	56162.63672	55980.89606	56057.93750	505373.4	5409914.8
L5370.1	505373.4	5409914.4	19178.30078	395.73	0	48.842179	-86.926766	56048.61	56231.8	18.24	56066.85	56160.46484	55971.88912	56050.26172	505373.4	5409914.4
L5370.1	505373.4	5409913.9	19178.40039	393.59	0	48.842175	-86.926766	56045.44	56231.8	18.24	56063.68	56157.92188	55953.10613	56032.80859	505373.4	5409913.9
L5370.1	505373.4	5409913.9	19178.50000	393.00	0	48.842175	-86.926766	56042.99	56231.8	18.25	56061.24	56156.10547	55952.48871	56033.51953	505373.4	5409913.9
L5370.1	505373.4	5409912.8	19178.59961	391.86	0	48.842165	-86.926766	56041.24	56231.8	18.25	56059.49	56154.98047	55969.00469	56051.36328	505373.4	5409912.8
L5370.1	505373.4	5409912.8	19178.69922	393.61	0	48.842165	-86.926766	56038.79	56231.7	18.25	56057.04	56153.15234	55967.31083	56050.99609	505373.4	5409912.8
L5370.1	505373.4	5409912.8	19178.80078	393.42	0	48.842165	-86.926766	56035.58	56231.7	18.25	56053.83	56150.56250	55945.86679	56030.87891	505373.4	5409912.8
L5370.1	505373.4	5409912.3	19178.90039	393.02	0	48.842160	-86.926766	56032.06	56231.7	18.26	56050.32	56147.67188	55916.34843	56002.68359	505373.4	5409912.3
L5370.1	505373.4	5409911.7	19179.00000	379.53	0	48.842155	-86.926766	56028.90	56231.7	18.26	56047.16	56145.12891	55895.26069	55982.91406	505373.4	5409911.7
L5370.1	505373.4	5409911.2	19179.09961	379.98	0	48.842150	-86.926767	56026.17	56231.7	18.26	56044.43	56143.01563	55884.62172	55973.58984	505373.4	5409911.2
L5370.1	505373.4	5409911.2	19179.19922	379.12	0	48.842150	-86.926767	56024.45	56231.7	18.26	56042.71	56141.91016	55899.15764	55989.43750	505373.4	5409911.2
L5370.1	505373.4	5409910.7	19179.30078	376.75	0	48.842146	-86.926767	56022.78	56231.7	18.26	56041.04	56140.85156	55914.45461	56006.04297	505373.4	5409910.7
L5370.1	505373.3	5409910.1	19179.40039	378.68	0	48.842140	-86.926767	56020.20	56231.7	18.26	56038.46	56138.87891	55906.09900	55998.98828	505373.3	5409910.1
L5370.1	505373.3	5409909.6	19179.50000	377.08	0	48.842136	-86.926768	56016.94	56231.7	18.26	56035.20	56136.22656	55879.92194	55974.10156	505373.3	5409909.6
L5370.1	505373.3	5409909.6	19179.59961	374.25	0	48.842136	-86.926768	56013.93	56231.7	18.27	56032.20	56133.83203	55859.79989	55955.26563	505373.3	5409909.6
L5370.1	505373.3	5409909.1	19179.69922	372.77	0	48.842131	-86.926768	56011.09	56231.7	18.27	56029.36	56131.59375	55843.17724	55939.92188	505373.3	5409909.1
L5370.1	505373.3	5409908.5	19179.80078	372.68	0	48.842126	-86.926768	56008.56	56231.7	18.27	56026.83	56129.66406	55833.85254	55931.87109	505373.3	5409908.5
L5370.1	505373.3	5409908.5	19179.90039	370.67	0	48.842126	-86.926768	56006.48	56231.7	18.27	56024.75	56128.17969	55835.37042	55934.65234	505373.3	5409908.5
L5370.1	505373.3	5409907.9	19180.00000	370.48	0	48.842121	-86.926768	56004.90	56231.7	18.27	56023.17	56127.19531	55848.98836	55949.52344	505373.3	5409907.9
L5370.1	505373.2	5409907.4	19180.09961	373.31	0	48.842116	-86.926768	56002.46	56231.7	18.27	56020.74	56125.35547	55840.38224	55942.15625	505373.2	5409907.4
L5370.1	505373.2	5409906.8	19180.19922	376.18	0	48.842111	-86.926769	55998.85	56231.7	18.28	56017.13	56122.33203	55801.15215	55904.16016	505373.2	5409906.8
L5370.1	505373.2	5409906.3	19180.30078	374.26	0	48.842106	-86.926769	55995.72	56231.7	18.28	56014.00	56119.78906	55773.47563	55877.70703	505373.2	5409906.3
L5370.1	505373.2	5409906.3	19180.40039	375.45	0	48.842106	-86.926769	55992.78	56231.7	18.28	56011.06	56117.42969	55749.97002	55855.41016	505373.2	5409906.3
L5370.1	505373.2	5409905.7	19180.50000	374.43	0	48.842101	-86.926769	55990.61	56231.7	18.29	56008.89	56115.83984	55745.36460	55852.00391	505373.2	5409905.7
L5370.1	505373.2	5409905.1	19180.59961	373.42	0	48.842096	-86.926769	55989.34	56231.7	18.29	56007.63	56115.15625	55763.20612	55871.02734	505373.2	5409905.1
L5370.1	505373.2	5409905.1	19180.69922	377.07	0	48.842096	-86.926769	55987.95	56231.7	18.29	56006.24	56114.33594	55777.05121	55886.04297	505373.2	5409905.1
L5370.1	505373.2	5409904.7	19180.80078	376.85	0	48.842092	-86.926769	55985.22	56231.7	18.29	56003.51	56112.17578	55756.13621	55866.28906	505373.2	5409904.7
L5370.1	505373.2	5409904.2	19180.90039	374.55	0	48.842087	-86.926769	55981.83	56231.7	18.30	56000.13	56109.35938	55717.98755	55829.28516	505373.2	5409904.2
L5370.1	505373.2	5409903.7	19181.00000	374.17	0	48.842083	-86.926769	55978.82	56231.7	18.30	55997.12	56106.91016	55688.51919	55800.94531	505373.2	5409903.7
L5370.1	505373.2	5409903.7	19181.09961	370.71	0	48.842083	-86.926769	55976.26	56231.7	18.30	55994.56	56104.90625	55669.75480	55783.29297	505373.2	5409903.7
L5370.1	505373.2	5409903.2	19181.19922	370.76	0	48.842078	-86.926769	55973.86	56231.7	18.30	55992.16	56103.06250	55654.31464	55768.95313	505373.2	5409903.2
L5370.1	505373.2	5409902.7	19181.30078	368.92	0	48.842073	-86.926769	55972.77	56231.7	18.31	55991.08	56102.53125	55671.67208	55787.39453	505373.2	5409902.7
L5370.1	505373.2	5409902.7	19181.40039	362.85	0	48.842073	-86.926769	55971.58	56231.7	18.31	55989.89	56101.88672	55685.47439	55802.26172	505373.2	5409902.7
L5370.1	505373.2	5409901.7	19181.50000	361.46	0	48.842065	-86.926769	55969.08	56231.7	18.31	55987.39	56099.92578	55665.21486	55783.05078	505373.2	5409901.7
L5370.1	505373.2	5409901.7	19181.59961	367.25	0	48.842065	-86.926769	55966.30	56231.7	18.31	55984.61	56097.68359	55637.06407	55755.92969	505373.2	5409901.7
L5370.1	505373.2	5409901.3	19181.69922	367.10	0	48.842061	-86.926769	55963.64	56231.7	18.31	55981.96	56095.56641	55611.43536	55731.31641	505373.2	5409901.3
L5370.1	505373.2	5409901.3	19181.80078	366.55	0	48.842061	-86.926769	55961.26	56231.7	18.32	55979.58	56093.71484	55591.88028	55712.76172	505373.2	5409901.3
L5370.1	505373.2	5409900.7	19181.90039	361.26	0	48.842055	-86.926769	55959.09	56231.7	18.32	55977.40	56092.05859	55576.61352	55698.47266	505373.2	5409900.7
L5370.1	505373.2	5409900.1	19182.00000	360.28	0	48.842051	-86.926769	55958.00	56231.7	18.32	55976.32	56091.49609	55588.50342	55711.32031	505373.2	5409900.1
L5370.1	505373.2	5409900.1	19182.09961	359.48	0	48.842051	-86.926769	55956.94	56231.7	18.32	55975.26	56090.95313	55600.09576	55723.85156	505373.2	5409900.1
L5370.1	505373.2	5409899.5	19182.19922	359.56	0	48.842045	-86.926769	55955.02	56231.7	18.32	55973.34	56089.54297	55589.01995	55713.69922	505373.2	5409899.5
L5370.1	505373.2	5409899.2	19182.30078	367.72	0	48.842042	-86.926769	55952.59	56231.7	18.32	55970.91	56087.61719	55564.16705	55689.75000	505373.2	5409899.2
L5370.1	505373.2	5409898.8	19182.40039	368.33	0	48.842038	-86.926769	55950.06	56231.7	18.32	55968.38	56085.58984	55535.95351	55662.41797	505373.2	5409898.8
L5370.1	505373.2	5409898.4	19182.50000	367.50	0	48.842035	-86.926770	55948.01	56231.7	18.32	55966.33	56084.03516	55519.11690	55646.44531	505373.2	5409898.4
L5370.1	505373.2	5409898.4	19182.59961	366.75	0	48.842035	-86.926770	55946.19	56231.7	18.32	55964.51	56082.70313	55507.30026	55635.46875	505373.2	5409898.4
L5370.1	505373.2	5409898.4	19182.69922	367.29	0	48.842035	-86.926770	55944.92	56231.7	18.32	55963.24	56081.92188	55508.63399	55637.62109	505373.2	5409898.4
L5370.1	505373.1	5409897.4	19182.80078	367.17	0	48.842026	-86.926770	55943.71	56231.7	18.32	55962.03	56081.19141	55510.66227	55640.45313	505373.1	5409897.4
L5370.1	505373.1	5409897.2	19182.90039	369.21	0	48.842024	-86.926770	55942.44	56231.7	18.32	55960.76	56080.39844	55510.33351	55640.90625	505373.1	5409897.2
L5370.1	505373.1	5409897.2	19183.00000	368.24	0	48.842024	-86.926770	55940.98	56231.7	18.32	55959.30	56079.40625	55504.34238	55635.67578	505373.1	5409897.2
L5370.1	505373.1	5409896.8	19183.09961	365.59	0	48.842021	-86.926771	55939.48	56231.7	18.32	55957.80	56078.37109	55496.50038	55628.57031	505373.1	5409896.8
L5370.1	505373.1	5409896.8	19183.19922	369.06	0	48.842021	-86.926771	55938.22	56231.7	18.32	55956.54	56077.57422	55493.92348	55626.71094	505373.1	5409896.8
L5370.1	505373.1	5409896.5	19183.30078	370.06	0	48.842018	-86.926771	55937.11	56231.7	18.33	55955.43	56076.91797	55494.32425	55627.80859	505373.1	5409896.5
L5370.1	505373.1	5409896.3	19183.40039	370.07	0	48.842016	-86.926771	55935.87	56231.7	18.33	55954.20	56076.13672	55490.84088	55625.00391	505373.1	5409896.3
L5370.1	505373.1	5409896.3	19183.50000	367.58	0	48.842016	-86.926771	55934.43	56231.7	18.33	55952.76	56075.14063	55481.18679	55616.00391	505373.1	5409896.3
L5370.1	505373.0	5409896.0	19183.59961	365.45	0	48.842014	-86.926771	55933.24	56231.7	18.33	55951.57	56074.39063	55477.05436	55612.50000	505373.0	5409896.0
L5370.1	505373.0	5409895.8	19183.69922	364.49	0	48.842012	-86.926772	55931.97	56231.7	18.33	55950.31	56073.56250	55470.31220	55606.37109	505373.0	5409895.8
L5370.1	505373.0	5409895.6	19183.80078	364.97	0	48.842010	-86.926772	55931.21	56231.7	18.34	55949.55	56073.23047	55475.44918	55612.10156	505373.0	5409895.6
L5370.1	505373.0	5409895.6	19183.90039	362.45	0	48.842010	-86.926772	55930.10	56231.7	18.34	55948.44	56072.54297	55470.86435	55608.08594	505373.0	5409895.6
L5370.1	505372.9	5409895.4	19184.00000	361.24	0	48.842008	-86.926773	55929.17	56231.7	18.34	55947.51	56072.02734	55470.03069	55607.80078	505372.9	5409895.4
L5370.1	505372.9	5409895.3	19184.09961	361.34	0	48.842007	-86.926773	55928.38	56231.7	18.34	55946.72	56071.64844	55471.93461	55610.23047	505372.9	5409895.3
L5370.1	505372.9	5409895.3	19184.19922	359.96	0	48.842007	-86.926773	55927.93	56231.7	18.35	55946.27	56071.60156	55481.66260	55620.46484	505372.9	5409895.3
L5370.1	505372.9	5409895.1	19184.30078	355.80	0	48.842005	-86.926774	55927.34	56231.6	18.35	55945.70	56071.42969	55487.52715	55626.81641	505372.9	5409895.1
L5370.1	505372.9	5409895.0	19184.40039	360.07	0	48.842004	-86.926774	55927.20	56231.6	18.36	55945.55	56071.67578	55503.25668	55643.01172	505372.9	5409895.0
L5370.1	505372.8	5409894.8	19184.50000	379.31	0	48.842003	-86.926774	55926.98	56231.6	18.36	55945.34	56071.85156	55516.65598	55656.85547	505372.8	5409894.8
L5370.1	505372.8	5409894.8	19184.59961	382.76	0	48.842003	-86.926774	55926.76	56231.6	18.36	55945.13	56072.02344	55529.25452	55669.87891	505372.8	5409894.8
L5370.1	505372.8	5409894.7	19184.69922	359.68	0	48.842002	-86.926775	55926.59	56231.6	18.37	55944.95	56072.21875	55541.81959	55682.84766	505372.8	5409894.7
L5370.1	505372.8	5409894.6	19184.80078	359.99	0	48.842001	-86.926775	55926.79	56231.6	18.37	55945.16	56072.79688	55563.50586	55704.91797	505372.8	5409894.6
L5370.1	505372.8	5409894.6	19184.90039	380.57	0	48.842001	-86.926775	55926.94	56231.6	18.38	55945.31	56073.31250	55582.88160	55724.66406	505372.8	5409894.6
L5370.1	505372.8	5409894.3	19185.00000	382.86	0	48.841998	-86.926775	55927.02	56231.6	18.38	55945.40	56073.75781	55599.95230	55742.07813	505372.8	5409894.3
L5370.1	505372.8	5409894.3	19185.09961	383.42	0	48.841998	-86.926775	55927.14	56231.6	18.38	55945.53	56074.24219	55617.26521	55759.71484	505372.8	5409894.3
L5370.1	505372.8	5409894.2	19185.19922	380.60	0	48.841997	-86.926775	55926.86	56231.6	18.38	55945.25	56074.30859	55623.38917	55766.14453	505372.8	5409894.2
L5370.1	505372.8	5409894.2	19185.30078	381.76	0	48.841997	-86.926775	55925.95	56231.6	18.39	55944.34	56073.73828	55612.73879	55755.78516	505372.8	5409894.2
L5370.1	505372.8	5409894.1	19185.40039	380.55	0	48.841997	-86.926775	55924.71	56231.6	18.39	55943.10	56072.82813	55592.94493	55736.26563	505372.8	5409894.1
L5370.1	505372.8	5409894.0	19185.50000	379.02	0	48.841995	-86.926775	55924.69	56231.6	18.39	55943.08	56073.13672	55603.40815	55746.98047	505372.8	5409894.0
L5370.1	505372.8	5409894.0	19185.59961	376.56	0	48.841995	-86.926775	55924.86	56231.6	18.39	55943.25	56073.62891	55617.95676	55761.76172	505372.8	5409894.0
L5370.1	505372.8	5409893.9	19185.69922	377.31	0	48.841994	-86.926775	55924.99	56231.6	18.39	55943.39	56074.08203	55631.00583	55775.02734	505372.8	5409893.9
L5370.1	505372.8	5409893.7	19185.80078	378.09	0	48.841993	-86.926775	55925.42	56231.6	18.40	55943.81	56074.81250	55650.44082	55794.66797	505372.8	5409893.7
L5370.1	505372.8	5409893.7	19185.90039	379.46	0	48.841993	-86.926775	55926.41	56231.6	18.40	55944.80	56076.10156	55683.63890	55828.05078	505372.8	5409893.7
L5370.1	505372.8	5409893.5	19186.00000	363.13	0	48.841991	-86.926774	55926.98	56231.6	18.40	55945.38	56076.98047	55705.69944	55850.27734	505372.8	5409893.5
L5370.1	505372.8	5409893.3	19186.09961	362.83	0	48.841989	-86.926774	55927.72	56231.6	18.40	55946.12	56078.00781	55731.11606	55875.84375	505372.8	5409893.3
L5370.1	505372.8	5409893.0	19186.19922	379.29	0	48.841987	-86.926774	55928.23	56231.6	18.40	55946.63	56078.80078	55749.98339	55894.84766	505372.8	5409893.0

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5370.1	505372.8	5409893.0	19186.30078	380.84	0	48.841987	-86.926774	55928.06	56231.6	18.40	55946.46	56078.91016	55750.87109	55895.85547	505372.8	5409893.0
L5370.1	505372.8	5409892.8	19186.40039	378.64	0	48.841984	-86.926774	55928.64	56231.6	18.40	55947.04	56079.75781	55770.13021	55915.22266	505372.8	5409892.8
L5370.1	505372.8	5409892.4	19186.50000	377.57	0	48.841981	-86.926774	55929.34	56231.6	18.41	55947.75	56080.73438	55792.00967	55937.19531	505372.8	5409892.4
L5370.1	505372.9	5409891.9	19186.59961	380.18	0	48.841977	-86.926774	55929.70	56231.6	18.41	55948.11	56081.35156	55804.31654	55949.57813	505372.9	5409891.9
L5370.1	505372.9	5409891.9	19186.69922	379.94	0	48.841977	-86.926774	55930.15	56231.6	18.41	55948.56	56082.05078	55818.24018	55963.56250	505372.9	5409891.9
L5370.1	505372.9	5409891.7	19186.80078	380.81	0	48.841975	-86.926774	55930.16	56231.6	18.41	55948.56	56082.29688	55820.06253	55965.43750	505372.9	5409891.7
L5370.1	505372.9	5409891.4	19186.90039	382.44	0	48.841972	-86.926774	55930.36	56231.6	18.41	55948.76	56082.73438	55826.31004	55971.72656	505372.9	5409891.4
L5370.1	505372.9	5409891.0	19187.00000	384.31	0	48.841969	-86.926773	55930.33	56231.6	18.41	55948.74	56082.94141	55826.31429	55971.75391	505372.9	5409891.0
L5370.1	505372.9	5409891.0	19187.09961	382.76	0	48.841969	-86.926773	55930.68	56231.6	18.41	55949.10	56083.52734	55835.33066	55980.78125	505372.9	5409891.0
L5370.1	505372.9	5409890.6	19187.19922	384.02	0	48.841965	-86.926773	55930.96	56231.6	18.42	55949.38	56084.02344	55841.67380	55987.12500	505372.9	5409890.6
L5370.1	505372.9	5409890.6	19187.30078	381.72	0	48.841965	-86.926773	55931.09	56231.6	18.42	55949.51	56084.36719	55843.57030	55989.01172	505372.9	5409890.6
L5370.1	505372.9	5409890.2	19187.40039	381.81	0	48.841961	-86.926773	55930.98	56231.6	18.43	55949.41	56084.46875	55838.99239	55984.41797	505372.9	5409890.2
L5370.1	505372.9	5409889.8	19187.50000	378.81	0	48.841957	-86.926773	55931.49	56231.6	18.43	55949.92	56085.17578	55849.29449	55994.68750	505372.9	5409889.8
L5370.1	505373.0	5409889.3	19187.59961	377.15	0	48.841953	-86.926773	55931.39	56231.6	18.43	55949.83	56085.27734	55843.72876	55989.07813	505373.0	5409889.3
L5370.1	505373.0	5409889.3	19187.69922	374.61	0	48.841953	-86.926773	55931.74	56231.6	18.44	55950.18	56085.80859	55848.73231	55994.02734	505373.0	5409889.3
L5370.1	505373.0	5409888.9	19187.80078	373.54	0	48.841950	-86.926773	55931.95	56231.6	18.44	55950.39	56086.19531	55849.56870	55994.80469	505373.0	5409888.9
L5370.1	505373.0	5409888.5	19187.90039	375.46	0	48.841946	-86.926772	55932.22	56231.6	18.45	55950.67	56086.64453	55851.57956	55996.75000	505373.0	5409888.5
L5370.1	505373.0	5409888.5	19188.00000	376.87	0	48.841946	-86.926772	55932.40	56231.6	18.45	55950.85	56086.98828	55850.44836	55995.53906	505373.0	5409888.5
L5370.1	505373.0	5409887.9	19188.09961	378.22	0	48.841941	-86.926772	55932.50	56231.5	18.45	55950.95	56087.24219	55846.68726	55991.68750	505373.0	5409887.9
L5370.1	505373.0	5409887.4	19188.19922	363.81	0	48.841936	-86.926772	55933.08	56231.5	18.45	55951.53	56087.96875	55854.53259	55999.43750	505373.0	5409887.4
L5370.1	505373.0	5409887.4	19188.30078	363.81	0	48.841936	-86.926772	55933.26	56231.5	18.45	55951.72	56088.30078	55851.87604	55996.67969	505373.0	5409887.4
L5370.1	505373.0	5409886.8	19188.40039	378.12	0	48.841931	-86.926772	55933.59	56231.5	18.45	55952.05	56088.76172	55852.19090	55996.88672	505373.0	5409886.8
L5370.1	505373.0	5409886.3	19188.50000	378.07	0	48.841927	-86.926772	55933.57	56231.5	18.45	55952.02	56088.85938	55842.77205	55987.35156	505373.0	5409886.3
L5370.1	505373.0	5409886.3	19188.59961	380.56	0	48.841927	-86.926772	55934.22	56231.5	18.46	55952.68	56089.63672	55850.30831	55994.76563	505373.0	5409886.3
L5370.1	505373.0	5409885.6	19188.69922	380.40	0	48.841920	-86.926772	55934.30	56231.5	18.46	55952.76	56089.82813	55842.52394	55986.85156	505373.0	5409885.6
L5370.1	505373.0	5409885.0	19188.80078	381.91	0	48.841915	-86.926772	55934.68	56231.5	18.46	55953.14	56090.31250	55841.78648	55985.97656	505373.0	5409885.0
L5370.1	505373.0	5409885.0	19188.90039	382.28	0	48.841915	-86.926772	55934.61	56231.5	18.46	55953.06	56090.32813	55828.78152	55972.83203	505373.0	5409885.0
L5370.1	505373.0	5409884.4	19189.00000	379.96	0	48.841909	-86.926772	55934.56	56231.5	18.46	55953.01	56090.36719	55815.96389	55959.86719	505373.0	5409884.4
L5370.1	505373.0	5409883.7	19189.09961	381.19	0	48.841903	-86.926772	55935.01	56231.5	18.46	55953.47	56090.90625	55815.53395	55959.28516	505373.0	5409883.7
L5370.1	505373.0	5409883.7	19189.19922	382.57	0	48.841903	-86.926772	55935.56	56231.5	18.46	55954.03	56091.53906	55817.07180	55960.66406	505373.0	5409883.7
L5370.1	505373.0	5409883.2	19189.30078	382.05	0	48.841898	-86.926773	55935.87	56231.5	18.47	55954.33	56091.90625	55811.42805	55954.85938	505373.0	5409883.2
L5370.1	505373.0	5409882.3	19189.40039	379.70	0	48.841890	-86.926773	55936.20	56231.5	18.47	55954.67	56092.30469	55806.22727	55949.49609	505373.0	5409882.3
L5370.1	505373.0	5409882.3	19189.50000	380.66	0	48.841890	-86.926773	55936.98	56231.5	18.47	55955.45	56093.13281	55811.63531	55954.73047	505373.0	5409882.3
L5370.1	505372.9	5409881.6	19189.59961	380.58	0	48.841884	-86.926773	55936.78	56231.5	18.47	55955.25	56092.97266	55791.56126	55934.48047	505372.9	5409881.6
L5370.1	505372.9	5409880.9	19189.69922	376.38	0	48.841877	-86.926773	55937.23	56231.5	18.47	55955.71	56093.46875	55787.68572	55930.42578	505372.9	5409880.9
L5370.1	505372.9	5409880.2	19189.80078	376.40	0	48.841872	-86.926773	55937.31	56231.5	18.48	55955.79	56093.57031	55773.57510	55916.13281	505372.9	5409880.2
L5370.1	505372.9	5409880.2	19189.90039	376.20	0	48.841872	-86.926773	55937.04	56231.5	18.48	55955.51	56093.30859	55749.73611	55892.10547	505372.9	5409880.2
L5370.1	505372.9	5409879.7	19190.00000	378.47	0	48.841867	-86.926774	55937.26	56231.5	18.48	55955.74	56093.54688	55738.27843	55880.46094	505372.9	5409879.7
L5370.1	505372.9	5409879.0	19190.09961	376.64	0	48.841860	-86.926774	55937.64	56231.5	18.48	55956.12	56093.92969	55730.05025	55872.03516	505372.9	5409879.0
L5370.1	505372.9	5409879.0	19190.19922	381.51	0	48.841860	-86.926774	55938.22	56231.5	18.48	55956.70	56094.50000	55726.31990	55868.10547	505372.9	5409879.0
L5370.1	505372.8	5409878.1	19190.30078	377.23	0	48.841852	-86.926775	55938.57	56231.5	18.49	55957.06	56094.84375	55716.41007	55857.99609	505372.8	5409878.1
L5370.1	505372.8	5409877.6	19190.40039	376.65	0	48.841848	-86.926775	55939.28	56231.5	18.49	55957.77	56095.52734	55714.80471	55856.18750	505372.8	5409877.6
L5370.1	505372.8	5409877.0	19190.50000	378.28	0	48.841842	-86.926775	55939.71	56231.5	18.49	55958.20	56095.92578	55705.48874	55846.66406	505372.8	5409877.0
L5370.1	505372.8	5409876.4	19190.59961	377.93	0	48.841837	-86.926775	55940.17	56231.5	18.49	55958.66	56096.33984	55696.33757	55837.29688	505372.8	5409876.4
L5370.1	505372.8	5409876.4	19190.69922	377.56	0	48.841837	-86.926775	55940.45	56231.5	18.49	55958.94	56096.57031	55682.01025	55822.75391	505372.8	5409876.4
L5370.1	505372.7	5409875.4	19190.80078	378.84	0	48.841828	-86.926776	55940.85	56231.5	18.50	55959.35	56096.92188	55670.38175	55810.90625	505372.7	5409875.4
L5370.1	505372.7	5409874.5	19190.90039	381.06	0	48.841820	-86.926776	55941.69	56231.5	18.50	55960.19	56097.69141	55669.07269	55809.37891	505372.7	5409874.5
L5370.1	505372.7	5409874.5	19191.00000	378.68	0	48.841820	-86.926776	55942.57	56231.5	18.50	55961.07	56098.49219	55668.16674	55808.24609	505372.7	5409874.5
L5370.1	505372.7	5409873.6	19191.09961	376.97	0	48.841812	-86.926776	55943.48	56231.5	18.50	55961.98	56099.31641	55667.40534	55807.25391	505372.7	5409873.6
L5370.1	505372.7	5409873.6	19191.19922	378.31	0	48.841812	-86.926776	55944.16	56231.5	18.50	55962.66	56099.89844	55660.17587	55799.78906	505372.7	5409873.6
L5370.1	505372.7	5409872.6	19191.30078	376.95	0	48.841803	-86.926777	55945.00	56231.5	18.50	55963.50	56100.63281	55656.38575	55795.76172	505372.7	5409872.6
L5370.1	505372.7	5409871.4	19191.40039	379.29	0	48.841792	-86.926777	55946.06	56231.5	18.50	55964.56	56101.57813	55657.55513	55796.69141	505372.7	5409871.4
L5370.1	505372.7	5409870.9	19191.50000	378.71	0	48.841787	-86.926777	55946.97	56231.5	18.50	55965.47	56102.36328	55654.27532	55793.16797	505372.7	5409870.9
L5370.1	505372.7	5409870.0	19191.59961	379.57	0	48.841780	-86.926777	55947.73	56231.5	18.50	55966.23	56102.98828	55646.54137	55785.18359	505372.7	5409870.0
L5370.1	505372.7	5409870.0	19191.69922	380.69	0	48.841780	-86.926777	55948.57	56231.5	18.50	55967.07	56103.68750	55640.19383	55778.57813	505372.7	5409870.0
L5370.1	505372.6	5409869.3	19191.80078	383.06	0	48.841774	-86.926777	55949.43	56231.5	18.50	55967.93	56104.39453	55633.70271	55771.82813	505372.6	5409869.3
L5370.1	505372.6	5409868.4	19191.90039	383.83	0	48.841766	-86.926777	55950.69	56231.5	18.50	55969.19	56105.49219	55636.72085	55774.58203	505372.6	5409868.4
L5370.1	505372.6	5409868.4	19192.00000	385.31	0	48.841766	-86.926777	55951.83	56231.5	18.50	55970.33	56106.46094	55636.02703	55773.62109	505372.6	5409868.4
L5370.1	505372.6	5409867.1	19192.09961	383.44	0	48.841754	-86.926778	55952.99	56231.5	18.50	55971.49	56107.43750	55635.17437	55772.49219	505372.6	5409867.1
L5370.1	505372.6	5409867.1	19192.19922	383.11	0	48.841754	-86.926778	55954.11	56231.5	18.51	55972.61	56108.36328	55632.63288	55769.66797	505372.6	5409867.1
L5370.1	505372.6	5409865.0	19192.30078	383.78	0	48.841735	-86.926778	55955.34	56231.5	18.51	55973.85	56109.40234	55632.46410	55769.21094	505372.6	5409865.0
L5370.1	505372.6	5409865.0	19192.40039	383.92	0	48.841735	-86.926778	55956.46	56231.5	18.51	55974.97	56110.31250	55628.56336	55765.01953	505372.6	5409865.0
L5370.1	505372.6	5409864.0	19192.50000	383.01	0	48.841725	-86.926778	55957.65	56231.5	18.51	55976.16	56111.27734	55625.75485	55761.91016	505372.6	5409864.0
L5370.1	505372.6	5409864.0	19192.59961	382.59	0	48.841725	-86.926778	55959.32	56231.5	18.52	55977.84	56112.72656	55634.70844	55770.55469	505372.6	5409864.0
L5370.1	505372.6	5409862.9	19192.69922	379.63	0	48.841716	-86.926778	55960.98	56231.5	18.52	55979.50	56114.14453	55642.45762	55777.99219	505372.6	5409862.9
L5370.1	505372.5	5409862.0	19192.80078	361.33	0	48.841707	-86.926779	55962.78	56231.5	18.52	55981.31	56115.70313	55653.31868	55788.53125	505372.5	5409862.0
L5370.1	505372.5	5409861.0	19192.90039	360.68	0	48.841699	-86.926779	55963.84	56231.5	18.53	55982.37	56116.50000	55644.41334	55779.29297	505372.5	5409861.0
L5370.1	505372.5	5409860.0	19193.00000	381.53	0	48.841690	-86.926779	55965.41	56231.5	18.53	55983.94	56117.79688	55647.76133	55782.30469	505372.5	5409860.0
L5370.1	505372.5	5409860.0	19193.09961	380.47	0	48.841690	-86.926779	55967.21	56231.5	18.53	55985.74	56119.31250	55656.24250	55790.43750	505372.5	5409860.0
L5370.1	505372.5	5409858.6	19193.19922	378.21	0	48.841677	-86.926779	55969.54	56231.5	18.53	55988.07	56121.34766	55677.47802	55811.31641	505372.5	5409858.6
L5370.1	505372.5	5409857.5	19193.30078	379.25	0	48.841667	-86.926779	55971.51	56231.5	18.53	55990.04	56123.01172	55688.84473	55822.31641	505372.5	5409857.5
L5370.1	505372.5	5409857.5	19193.40039	378.02	0	48.841667	-86.926779	55972.85	56231.5	18.53	55991.38	56124.03906	55683.47744	55816.57422	505372.5	5409857.5
L5370.1	505372.5	5409856.7	19193.50000	378.58	0	48.841660	-86.926779	55973.71	56231.5	18.53	55992.24	56124.57031	55665.18585	55797.89844	505372.5	5409856.7
L5370.1	505372.5	5409855.6	19193.59961	381.36	0	48.841650	-86.926779	55975.18	56231.5	18.53	55993.71	56125.70313	55661.67067	55793.98828	505372.5	5409855.6
L5370.1	505372.5	5409854.7	19193.69922	383.43	0	48.841642	-86.926779	55976.44	56231.5	18.53	55994.97	56126.61719	55652.08910	55783.99609	505372.5	5409854.7
L5370.1	505372.5	5409854.7	19193.80078	383.09	0	48.841642	-86.926779	55978.44	56231.5	18.53	55996.97	56128.25781	55660.58437	55792.07422	505372.5	5409854.7
L5370.1	505372.5	5409853.7	19193.90039	384.10	0	48.841633	-86.926779	55980.46	56231.5	18.53	55998.99	56129.91016	55668.85599	55799.91406	505372.5	5409853.7
L5370.1	505372.5	5409853.7	19194.00000	379.77	0	48.841633	-86.926779	55982.69	56231.5	18.53	56001.22	56131.76172	55681.73212	55812.34766	505372.5	5409853.7
L5370.1	505372.5	5409852.5	19194.09961	380.71	0	48.841622	-86.926779	55984.79	56231.5	18.53	56003.32	56133.47266	55690.57103	55820.73047	505372.5	5409852.5
L5370.1	505372.5	5409851.3	19194.19922	381.31	0	48.841611	-86.926779	55986.46	56231.5	18.53	56004.99	56134.74219	55687.74805	55817.43750	505372.5	5409851.3
L5370.1	505372.5	5409850.2	19194.30078	379.06	0	48.841602	-86.926779	55988.56	56231.5	18.54	56007.10	56136.43750	55695.37528	55824.58203	505372.5	5409850.2
L5370.1	505372.5	5409849.3	19194.40039	381.75	0	48.841594	-86.926779	55990.68	56231.5	18.54	56009.22	56138.13672	55702.52495	55831.23438	505372.5	5409849.3
L5370.1	505372.5	5409849.3	19194.50000	381.49	0	48.841594	-86.926779	55993.11	56231.5	18.54	56011.65	56140.13281	55716.82320	55845.02344	505372.5	5409849.3
L5370.1	505372.5	5409848.5	19194.59961	383.64	0	48.841586	-86.926779	55994.98	56231.5	18.54	56013.52	56141.55859	55716.16037	55843.83594	505372.5	5409848.5
L5370.1	505372.5	5409848.5	19194.69922	383.64	0	48.841586	-86.926779	55997.08	56231.5	18.54	56015.62	56143.20313	55720.61728	55847.75000	505372.5	5409848.5
L5370.1	505372.5	5409847.2	19194.80078	382.27	0	48.841575	-86.926779	55999.38	56231.5	18.55	56017.93	56145.05078	55729.68861	55856.26563	505372.5	5409847.2
L5370.1	505372.5	5409845.8	19194.90039	381.97	0	48.841562	-86.926779	56001.78	56231.5	18.55	56020.33	56146.97266	55740.32800	55866.33203	505372.5	5409845.8
L5370.1	505372.5	5409844.9	19195.00000	380.99	0	48.841553	-86.926779	56004.42	56231.4	18.55	56022.97	56149.12500	55756.35191	55881.76953	505372.5	5409844.9
L5370.1	505372.5	5409844.9	19195.09961	379.41	0	48.841553	-86.926779	56006.48	56231.4	18.55	56025.04	56150.69531	55757.17831	55881.99219	505372.5	5409844.9
L5370.1	505372.5	5409843.9	19195.19922	377.74	0	48.841544	-86.926779	56008.89	56231.4	18.56	56027.45	56152.59766	55765.94067	55890.12891	505372.5	5409843.9
L5370.1	505372.5	5409842.9	19195.30078	381.06	0	48.841535	-86.926779	56011.22	56231.4	18.56	56029.78	56154.41016	55771.97024	55895.51953	505372.5	5409842.9
L5370.1	505372.5	5409842.0	19195.40039	380.34	0	48.841528	-86.926779	56013.85	56231.4	18.56	56032.41	56156.50781	55784.93137	55907.82422	505372.5	5409842.0
L5370.1	505372.5	5409842.0	19195.50000	380.05	0	48.841528	-86.926779	56015.68	56231.4	18.57	56034.24	56157.79688	55776.87386	55899.09375	505372.5	5409842.0

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5370.1	505372.5	5409840.5	19195.59961	378.25	0	48.841514	-86.926779	56018.58	56231.4	18.57	56037.15	56160.15625	55795.58675	55917.11328	505372.5	5409840.5
L5370.1	505372.5	5409839.6	19195.69922	377.21	0	48.841506	-86.926779	56021.26	56231.4	18.57	56039.83	56162.27734	55807.78378	55928.59766	505372.5	5409839.6
L5370.1	505372.5	5409839.6	19195.80078	376.14	0	48.841506	-86.926779	56024.20	56231.4	18.57	56042.77	56164.64453	55825.92747	55946.01172	505372.5	5409839.6
L5370.1	505372.5	5409838.4	19195.90039	376.63	0	48.841496	-86.926779	56026.45	56231.4	18.58	56045.02	56166.31250	55825.88245	55945.21875	505372.5	5409838.4
L5370.1	505372.5	5409837.6	19196.00000	375.82	0	48.841488	-86.926779	56029.51	56231.4	18.58	56048.09	56168.78906	55846.03644	55964.60547	505372.5	5409837.6
L5370.1	505372.5	5409837.6	19196.09961	377.63	0	48.841488	-86.926779	56032.14	56231.4	18.58	56050.72	56170.81641	55854.37648	55972.16016	505372.5	5409837.6
L5370.1	505372.6	5409836.2	19196.19922	379.86	0	48.841475	-86.926779	56034.67	56231.4	18.58	56053.25	56172.73047	55859.55525	55976.53125	505372.6	5409836.2
L5370.1	505372.6	5409834.9	19196.30078	379.34	0	48.841464	-86.926778	56037.90	56231.4	18.58	56056.48	56175.33984	55881.91727	55998.06641	505372.6	5409834.9
L5370.1	505372.6	5409834.9	19196.40039	358.83	0	48.841464	-86.926778	56040.14	56231.4	18.58	56058.72	56176.94531	55878.52274	55993.82422	505372.6	5409834.9
L5370.1	505372.6	5409832.6	19196.50000	357.07	0	48.841444	-86.926778	56043.09	56231.4	18.58	56061.67	56179.25000	55892.59151	56007.02734	505372.6	5409832.6
L5370.1	505372.6	5409832.6	19196.59961	376.25	0	48.841444	-86.926778	56045.44	56231.4	18.58	56064.02	56180.94922	55890.84299	56004.39453	505372.6	5409832.6
L5370.1	505372.7	5409831.6	19196.69922	377.35	0	48.841434	-86.926777	56048.68	56231.4	18.58	56067.26	56183.52734	55911.16097	56023.80469	505372.7	5409831.6
L5370.1	505372.7	5409830.5	19196.80078	379.11	0	48.841425	-86.926777	56051.19	56231.4	18.58	56069.77	56185.36328	55912.38727	56024.10547	505372.7	5409830.5
L5370.1	505372.7	5409829.1	19196.90039	379.87	0	48.841411	-86.926777	56054.25	56231.4	18.58	56072.83	56187.74219	55927.06965	56037.83984	505372.7	5409829.1
L5370.1	505372.7	5409829.1	19197.00000	380.18	0	48.841411	-86.926777	56056.93	56231.4	18.58	56075.51	56189.73047	55931.58790	56041.39063	505372.7	5409829.1
L5370.1	505372.7	5409828.0	19197.09961	374.46	0	48.841402	-86.926777	56059.64	56231.4	18.58	56078.22	56191.73828	55936.37938	56045.19531	505372.7	5409828.0
L5370.1	505372.7	5409828.0	19197.19922	377.12	0	48.841402	-86.926777	56062.67	56231.4	18.58	56081.25	56194.05859	55948.83218	56056.64063	505372.7	5409828.0
L5370.1	505372.7	5409826.3	19197.30078	382.55	0	48.841386	-86.926777	56065.35	56231.4	18.58	56083.93	56196.01953	55951.93594	56058.71875	505372.7	5409826.3
L5370.1	505372.7	5409825.2	19197.40039	380.33	0	48.841376	-86.926777	56068.99	56231.4	18.58	56087.57	56198.93359	55979.00382	56084.73828	505372.7	5409825.2
L5370.1	505372.7	5409824.0	19197.50000	376.81	0	48.841366	-86.926776	56071.45	56231.4	18.58	56090.03	56200.65625	55975.66562	56080.33203	505372.7	5409824.0
L5370.1	505372.7	5409822.9	19197.59961	377.53	0	48.841356	-86.926776	56074.76	56231.4	18.58	56093.34	56203.22266	55993.53488	56097.11719	505372.7	5409822.9
L5370.1	505372.7	5409822.9	19197.69922	378.86	0	48.841356	-86.926776	56077.30	56231.4	18.58	56095.88	56205.00781	55991.45859	56093.93359	505372.7	5409822.9
L5370.1	505372.8	5409821.9	19197.80078	379.12	0	48.841347	-86.926776	56080.83	56231.4	18.58	56099.41	56207.77734	56014.18913	56115.53516	505372.8	5409821.9
L5370.1	505372.8	5409821.9	19197.90039	364.71	0	48.841347	-86.926776	56083.87	56231.4	18.58	56102.45	56210.04688	56024.13272	56124.33594	505372.8	5409821.9
L5370.1	505372.8	5409820.2	19198.00000	361.31	0	48.841331	-86.926776	56086.83	56231.4	18.58	56105.41	56212.23047	56031.73162	56130.76953	505372.8	5409820.2
L5370.1	505372.8	5409819.0	19198.09961	377.69	0	48.841321	-86.926776	56089.78	56231.4	18.58	56108.36	56214.39453	56038.78723	56136.64453	505372.8	5409819.0
L5370.1	505372.8	5409817.7	19198.19922	373.89	0	48.841309	-86.926776	56092.50	56231.4	18.58	56111.08	56216.32422	56039.73091	56136.38672	505372.8	5409817.7
L5370.1	505372.8	5409817.7	19198.30078	374.12	0	48.841309	-86.926776	56095.63	56231.4	18.58	56114.21	56218.65234	56050.85188	56146.28906	505372.8	5409817.7
L5370.1	505372.8	5409816.1	19198.40039	375.91	0	48.841295	-86.926776	56098.24	56231.4	18.58	56116.82	56220.45703	56048.53723	56142.73828	505372.8	5409816.1
L5370.1	505372.8	5409814.8	19198.50000	377.84	0	48.841283	-86.926776	56102.03	56231.4	18.58	56120.61	56223.43359	56076.01759	56168.96484	505372.8	5409814.8
L5370.1	505372.8	5409814.8	19198.59961	376.41	0	48.841283	-86.926776	56104.87	56231.4	18.59	56123.45	56225.45313	56079.18208	56170.85938	505372.8	5409814.8
L5370.1	505372.8	5409813.7	19198.69922	380.04	0	48.841273	-86.926776	56108.15	56231.4	18.59	56126.74	56227.91406	56093.63736	56184.02734	505372.8	5409813.7
L5370.1	505372.8	5409812.3	19198.80078	382.07	0	48.841261	-86.926776	56110.93	56231.4	18.59	56129.52	56229.85938	56095.00956	56184.09375	505372.8	5409812.3
L5370.1	505372.8	5409811.2	19198.90039	380.12	0	48.841251	-86.926775	56114.04	56231.4	18.59	56132.63	56232.12891	56104.67324	56192.44141	505372.8	5409811.2
L5370.1	505372.8	5409809.7	19199.00000	378.03	0	48.841237	-86.926775	56117.41	56231.4	18.59	56136.00	56234.65234	56120.87505	56207.30859	505372.8	5409809.7
L5370.1	505372.8	5409809.7	19199.09961	381.17	0	48.841237	-86.926775	56120.27	56231.4	18.59	56138.86	56236.66406	56124.07096	56209.15625	505372.8	5409809.7
L5370.1	505372.8	5409808.8	19199.19922	380.69	0	48.841229	-86.926775	56123.54	56231.4	18.59	56142.13	56239.07422	56137.66961	56221.39453	505372.8	5409808.8
L5370.1	505372.9	5409807.7	19199.30078	383.93	0	48.841219	-86.926775	56126.31	56231.4	18.59	56144.89	56240.97266	56138.31511	56220.66406	505372.9	5409807.7
L5370.1	505372.9	5409807.7	19199.40039	384.95	0	48.841219	-86.926775	56129.78	56231.4	18.59	56148.37	56243.58594	56157.29537	56238.25781	505372.9	5409807.7
L5370.1	505372.9	5409806.3	19199.50000	381.11	0	48.841206	-86.926775	56132.39	56231.4	18.59	56150.98	56245.32422	56154.22640	56233.78906	505372.9	5409806.3
L5370.1	505372.9	5409806.3	19199.59961	375.87	0	48.841206	-86.926775	56135.62	56231.4	18.59	56154.21	56247.67578	56167.00452	56245.15625	505372.9	5409806.3
L5370.1	505372.9	5409804.6	19199.69922	374.30	0	48.841192	-86.926775	56138.31	56231.4	18.59	56156.90	56249.48438	56166.17474	56242.90625	505372.9	5409804.6
L5370.1	505372.9	5409803.2	19199.80078	369.88	0	48.841178	-86.926775	56141.59	56231.4	18.59	56160.18	56251.87891	56180.48397	56255.78125	505372.9	5409803.2
L5370.1	505372.9	5409802.0	19199.90039	370.83	0	48.841168	-86.926775	56144.45	56231.4	18.59	56163.04	56253.84766	56184.28975	56258.14453	505372.9	5409802.0
L5370.1	505372.9	5409802.0	19200.00000	373.28	0	48.841168	-86.926775	56147.58	56231.4	18.59	56166.17	56256.08594	56195.15625	56267.56250	505372.9	5409802.0
L5370.1	505372.9	5409800.6	19200.09961	376.00	0	48.841156	-86.926775	56150.39	56231.4	18.59	56168.98	56257.99609	56198.11563	56269.06250	505372.9	5409800.6
L5370.1	505372.9	5409799.1	19200.19922	377.88	0	48.841142	-86.926775	56153.46	56231.4	18.59	56172.05	56260.16797	56207.93639	56277.41797	505372.9	5409799.1
L5370.1	505372.9	5409799.1	19200.30078	377.16	0	48.841142	-86.926775	56156.74	56231.4	18.59	56175.33	56262.54297	56223.37510	56291.38281	505372.9	5409799.1
L5370.1	505372.8	5409797.7	19200.40039	377.90	0	48.841129	-86.926775	56159.50	56231.4	18.59	56178.09	56264.39844	56225.90568	56292.43750	505372.8	5409797.7
L5370.1	505372.8	5409796.5	19200.50000	378.74	0	48.841118	-86.926776	56162.41	56231.4	18.59	56181.00	56266.40234	56232.58385	56297.62891	505372.8	5409796.5
L5370.1	505372.8	5409795.2	19200.59961	379.14	0	48.841107	-86.926776	56165.00	56231.4	18.59	56183.59	56268.07813	56231.49141	56295.05078	505372.8	5409795.2
L5370.1	505372.8	5409795.2	19200.69922	379.03	0	48.841107	-86.926776	56167.97	56231.4	18.59	56186.56	56270.13672	56240.44629	56302.51172	505372.8	5409795.2
L5370.1	505372.8	5409794.0	19200.80078	377.86	0	48.841096	-86.926777	56170.93	56231.4	18.59	56189.52	56272.18359	56249.56327	56310.13281	505372.8	5409794.0
L5370.1	505372.7	5409792.8	19200.90039	378.51	0	48.841085	-86.926777	56174.20	56231.4	18.59	56192.78	56274.52734	56266.74786	56325.82031	505372.7	5409792.8
L5370.1	505372.7	5409791.5	19201.00000	380.20	0	48.841074	-86.926777	56176.93	56231.4	18.59	56195.52	56276.34766	56271.18569	56328.75781	505372.7	5409791.5
L5370.1	505372.7	5409790.2	19201.09961	377.96	0	48.841062	-86.926778	56180.09	56231.4	18.59	56198.68	56278.58984	56286.79370	56342.86719	505372.7	5409790.2
L5370.1	505372.7	5409790.2	19201.19922	377.47	0	48.841062	-86.926778	56182.62	56231.4	18.59	56201.21	56280.19922	56286.91144	56341.48438	505372.7	5409790.2
L5370.1	505372.7	5409788.8	19201.30078	376.95	0	48.841049	-86.926778	56185.48	56231.4	18.59	56204.07	56282.14063	56295.96360	56349.03906	505372.7	5409788.8
L5370.1	505372.7	5409788.8	19201.40039	377.17	0	48.841049	-86.926778	56188.03	56231.4	18.59	56206.62	56283.76953	56297.70956	56349.28516	505372.7	5409788.8
L5370.1	505372.7	5409787.4	19201.50000	375.18	0	48.841037	-86.926778	56190.92	56231.4	18.60	56209.52	56285.74609	56308.94869	56359.03125	505372.7	5409787.4
L5370.1	505372.6	5409785.9	19201.59961	375.37	0	48.841023	-86.926779	56193.32	56231.4	18.60	56211.91	56287.21484	56307.84823	56356.43750	505372.6	5409785.9
L5370.1	505372.6	5409785.9	19201.69922	374.70	0	48.841023	-86.926779	56195.90	56231.4	18.60	56214.50	56288.88672	56312.47760	56359.57813	505372.6	5409785.9
L5370.1	505372.6	5409784.3	19201.80078	376.50	0	48.841009	-86.926779	56198.65	56231.4	18.60	56217.25	56290.71484	56321.84408	56367.46094	505372.6	5409784.3
L5370.1	505372.6	5409783.1	19201.90039	377.82	0	48.840998	-86.926780	56201.34	56231.4	18.60	56219.94	56292.48438	56330.37972	56374.51563	505372.6	5409783.1
L5370.1	505372.5	5409781.7	19202.00000	378.51	0	48.840986	-86.926780	56204.12	56231.4	18.60	56222.72	56294.34375	56341.91991	56384.58203	505372.5	5409781.7
L5370.1	505372.5	5409780.6	19202.09961	380.62	0	48.840976	-86.926780	56206.61	56231.4	18.60	56225.21	56295.91406	56346.82928	56388.02344	505372.5	5409780.6
L5370.1	505372.5	5409780.6	19202.19922	380.34	0	48.840976	-86.926780	56209.38	56231.4	18.60	56227.98	56297.76563	56359.61683	56399.35156	505372.5	5409780.6
L5370.1	505372.5	5409779.2	19202.30078	381.53	0	48.840963	-86.926781	56211.43	56231.4	18.60	56230.03	56298.90234	56354.88850	56393.17188	505372.5	5409779.2
L5370.1	505372.5	5409779.2	19202.40039	381.03	0	48.840963	-86.926781	56213.58	56231.4	18.60	56232.18	56300.13672	56353.50615	56390.34375	505372.5	5409779.2
L5370.1	505372.5	5409777.4	19202.50000	379.76	0	48.840947	-86.926781	56215.93	56231.4	18.60	56234.53	56301.57031	56358.03187	56393.43359	505372.5	5409777.4
L5370.1	505372.5	5409777.4	19202.59961	381.37	0	48.840947	-86.926781	56218.46	56231.4	18.60	56237.06	56303.19141	56367.97726	56401.95313	505372.5	5409777.4
L5370.1	505372.4	5409774.9	19202.69922	379.58	0	48.840924	-86.926781	56221.40	56231.4	18.60	56240.00	56305.21875	56389.20727	56421.76953	505372.4	5409774.9
L5370.1	505372.4	5409774.9	19202.80078	378.73	0	48.840924	-86.926781	56223.58	56231.4	18.60	56242.18	56306.49219	56392.00437	56423.16016	505372.4	5409774.9
L5370.1	505372.4	5409773.5	19202.90039	378.54	0	48.840911	-86.926781	56226.16	56231.4	18.60	56244.76	56308.16797	56405.86882	56435.63281	505372.4	5409773.5
L5370.1	505372.4	5409772.1	19203.00000	378.18	0	48.840899	-86.926781	56228.38	56231.4	18.60	56246.97	56309.47266	56411.24809	56439.62891	505372.4	5409772.1
L5370.1	505372.4	5409772.1	19203.09961	381.07	0	48.840899	-86.926781	56230.90	56231.4	18.60	56249.50	56311.10156	56425.69582	56452.70703	505372.4	5409772.1
L5370.1	505372.4	5409770.5	19203.19922	381.48	0	48.840884	-86.926781	56232.89	56231.4	18.60	56251.48	56312.18359	56427.11660	56452.77344	505372.4	5409770.5
L5370.1	505372.4	5409769.5	19203.30078	382.58	0	48.840875	-86.926782	56234.83	56231.4	18.59	56253.42	56313.23047	56428.48792	56452.80078	505372.4	5409769.5
L5370.1	505372.4	5409769.5	19203.40039	382.20	0	48.840875	-86.926782	56236.72	56231.4	18.59	56255.31	56314.22656	56429.57046	56452.55078	505372.4	5409769.5
L5370.1	505372.4	5409768.2	19203.50000	377.05	0	48.840864	-86.926781	56238.84	56231.4	18.59	56257.43	56315.45703	56437.49473	56459.16016	505372.4	5409768.2
L5370.1	505372.4	5409766.5	19203.59961	376.43	0	48.840848	-86.926781	56241.02	56231.4	18.59	56259.60	56316.73828	56447.69933	56468.06250	505372.4	5409766.5
L5370.1	505372.4	5409766.5	19203.69922	380.45	0	48.840848	-86.926781	56242.72	56231.4	18.59	56261.31	56317.56641	56447.23500	56466.31250	505372.4	5409766.5
L5370.1	505372.4	5409765.1	19203.80078	380.96	0	48.840836	-86.926781	56244.94	56231.4	18.58	56263.52	56318.89453	56460.51271	56478.32031	505372.4	5409765.1
L5370.1	505372.4	5409763.4	19203.90039	380.28	0	48.840820	-86.926781	56246.95	56231.4	18.58	56265.53	56320.02734	56469.75275	56486.30469	505372.4	5409763.4
L5370.1	505372.4	5409763.4	19204.00000	377.60	0	48.840820	-86.926781	56249.25	56231.4	18.58	56267.83	56321.45703	56487.41929	56502.73438	505372.4	5409763.4
L5370.1	505372.4	5409761.8	19204.09961	378.45	0	48.840806	-86.926781	56250.76	56231.4	18.58	56269.34	56322.09375	56486.07316	56500.16406	505372.4	5409761.8
L5370.1	505372.4	5409760.3	19204.19922	376.59	0	48.840793	-86.926781	56252.87	56231.4	18.58	56271.45	56323.33984	56501.05108	56513.93750	505372.4	5409760.3
L5370.1	505372.4	5409758.9	19204.30078	377.67	0	48.840780	-86.926782	56254.43	56231.4	18.58	56273.01	56324.03516	56503.13328	56514.82813	505372.4	5409758.9
L5370.1	505372.4	5409758.9	19204.40039	378.41	0	48.840780	-86.926782	56256.17	56231.4	18.58	56274.75	56324.91797	56510.88063	56521.40625	505372.4	5409758.9
L5370.1	505372.4	5409757.6	19204.50000	380.19	0	48.840768	-86.926782	56257.62	56231.4	18.58	56276.20	56325.51172	56512.35446	56521.72266	505372.4	5409757.6
L5370.1	505372.4	5409756.5	19204.59961	379.54	0	48.840759	-86.926782	56259.18	56231.4	18.58	56277.76	56326.21875	56517.72692	56525.95703	505372.4	5409756.5
L5370.1	505372.4	5409756.5	19204.69922	379.70	0	48.840759	-86.926782	56261.04	56231.4	18.58	56279.62	56327.23047	56531.83212	56538.94531	505372.4	5409756.5
L5370.1	505372.4	5409754.4	19204.80078	379.97	0	48.840740	-86.926782	56262.24	56231.4	18.58	56280.82	56327.58594	56530.27540	56536.28516	505372.4	5409754.4

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5370.1	505372.4	5409753.0	19204.90039	378.99	0	48.840727	-86.926783	56264.31	56231.4	18.58	56282.89	56328.81641	56551.94625	56556.87500	505372.4	5409753.0
L5370.1	505372.4	5409753.0	19205.00000	361.72	0	48.840727	-86.926783	56265.13	56231.4	18.58	56283.71	56328.80078	56542.96634	56546.82813	505372.4	5409753.0
L5370.1	505372.3	5409751.7	19205.09961	361.59	0	48.840716	-86.926783	56266.83	56231.4	18.58	56285.41	56329.66797	56557.47300	56560.28516	505372.3	5409751.7
L5370.1	505372.3	5409750.1	19205.19922	379.39	0	48.840701	-86.926783	56267.93	56231.4	18.58	56286.52	56329.94531	56558.10651	56559.89063	505372.3	5409750.1
L5370.1	505372.3	5409750.1	19205.30078	377.26	0	48.840701	-86.926783	56269.59	56231.4	18.59	56288.17	56330.77344	56573.58703	56574.36328	505372.3	5409750.1
L5370.1	505372.3	5409748.6	19205.40039	379.94	0	48.840688	-86.926783	56270.64	56231.4	18.59	56289.23	56331.01172	56575.19461	56574.97656	505372.3	5409748.6
L5370.1	505372.3	5409747.5	19205.50000	379.79	0	48.840677	-86.926783	56271.58	56231.4	18.59	56290.17	56331.13281	56574.87358	56573.67969	505372.3	5409747.5
L5370.1	505372.3	5409747.5	19205.59961	378.43	0	48.840677	-86.926783	56273.12	56231.4	18.59	56291.71	56331.85938	56590.92142	56588.77344	505372.3	5409747.5
L5370.1	505372.3	5409745.9	19205.69922	380.14	0	48.840664	-86.926784	56273.79	56231.4	18.59	56292.39	56331.72656	56586.22877	56583.14453	505372.3	5409745.9
L5370.1	505372.3	5409744.9	19205.80078	380.54	0	48.840654	-86.926784	56274.98	56231.4	18.60	56293.58	56332.11328	56595.61179	56591.60547	505372.3	5409744.9
L5370.1	505372.3	5409743.6	19205.90039	379.08	0	48.840643	-86.926784	56275.41	56231.4	18.60	56294.00	56331.73047	56586.53446	56581.62891	505372.3	5409743.6
L5370.1	505372.3	5409743.6	19206.00000	378.89	0	48.840643	-86.926784	56276.66	56231.4	18.60	56295.26	56332.18750	56599.91126	56594.12109	505372.3	5409743.6
L5370.1	505372.3	5409741.9	19206.09961	380.81	0	48.840627	-86.926784	56276.94	56231.4	18.60	56295.54	56331.67188	56589.48028	56582.82422	505372.3	5409741.9
L5370.1	505372.3	5409740.6	19206.19922	380.20	0	48.840616	-86.926784	56278.04	56231.4	18.60	56296.63	56331.96875	56600.72938	56593.22656	505372.3	5409740.6
L5370.1	505372.3	5409740.6	19206.30078	381.78	0	48.840616	-86.926784	56278.44	56231.4	18.59	56297.03	56331.58203	56595.52830	56587.19922	505372.3	5409740.6
L5370.1	505372.3	5409739.3	19206.40039	382.51	0	48.840604	-86.926783	56279.19	56231.4	18.59	56297.78	56331.54688	56600.30178	56591.16016	505372.3	5409739.3
L5370.1	505372.3	5409738.1	19206.50000	381.54	0	48.840593	-86.926783	56279.77	56231.4	18.59	56298.36	56331.34375	56601.82553	56591.89063	505372.3	5409738.1
L5370.1	505372.3	5409738.1	19206.59961	378.99	0	48.840593	-86.926783	56280.18	56231.4	18.59	56298.77	56330.97266	56600.09072	56589.37891	505372.3	5409738.1
L5370.1	505372.4	5409736.0	19206.69922	381.97	0	48.840575	-86.926783	56280.16	56231.4	18.59	56298.75	56330.17578	56588.47982	56577.00781	505372.4	5409736.0
L5370.1	505372.4	5409735.0	19206.80078	379.57	0	48.840565	-86.926782	56280.13	56231.4	18.58	56298.72	56329.37500	56577.65731	56565.44141	505372.4	5409735.0
L5370.1	505372.4	5409733.4	19206.90039	378.40	0	48.840551	-86.926782	56281.05	56231.4	18.58	56299.63	56329.51172	56591.75733	56578.81641	505372.4	5409733.4
L5370.1	505372.4	5409733.4	19207.00000	377.15	0	48.840551	-86.926782	56281.48	56231.4	18.58	56300.06	56329.17578	56594.67837	56581.02344	505372.4	5409733.4
L5370.1	505372.4	5409731.9	19207.09961	377.24	0	48.840537	-86.926782	56281.97	56231.4	18.58	56300.55	56328.89844	56600.13300	56585.78516	505372.4	5409731.9
L5370.1	505372.4	5409731.9	19207.19922	377.93	0	48.840537	-86.926782	56281.58	56231.4	18.58	56300.16	56327.74609	56584.21806	56569.19141	505372.4	5409731.9
L5370.1	505372.4	5409730.8	19207.30078	376.27	0	48.840527	-86.926782	56282.15	56231.4	18.58	56300.73	56327.55469	56593.68532	56577.99609	505372.4	5409730.8
L5370.1	505372.4	5409729.4	19207.40039	377.09	0	48.840515	-86.926782	56281.96	56231.4	18.58	56300.55	56326.61719	56585.06051	56568.72266	505372.4	5409729.4
L5370.1	505372.4	5409729.4	19207.50000	376.81	0	48.840515	-86.926782	56282.22	56231.4	18.58	56300.81	56326.12109	56588.57419	56571.60547	505372.4	5409729.4
L5370.1	505372.4	5409727.8	19207.59961	380.45	0	48.840500	-86.926782	56281.92	56231.4	18.59	56300.50	56325.05859	56578.54202	56560.95313	505372.4	5409727.8
L5370.1	505372.4	5409726.0	19207.69922	379.20	0	48.840485	-86.926782	56281.97	56231.4	18.59	56300.56	56324.36719	56578.83968	56560.64844	505372.4	5409726.0
L5370.1	505372.4	5409724.9	19207.80078	382.63	0	48.840474	-86.926782	56281.96	56231.4	18.59	56300.55	56323.60547	56578.26880	56559.48438	505372.4	5409724.9
L5370.1	505372.4	5409724.9	19207.90039	384.30	0	48.840474	-86.926782	56281.35	56231.4	18.59	56299.94	56322.24609	56563.34317	56543.98438	505372.4	5409724.9
L5370.1	505372.4	5409723.4	19208.00000	383.80	0	48.840461	-86.926783	56281.31	56231.4	18.59	56299.90	56321.45703	56563.78274	56543.85938	505372.4	5409723.4
L5370.1	505372.4	5409722.0	19208.09961	384.55	0	48.840448	-86.926783	56280.82	56231.4	18.59	56299.41	56320.22266	56553.64681	56533.17188	505372.4	5409722.0
L5370.1	505372.4	5409722.0	19208.19922	383.99	0	48.840448	-86.926783	56280.77	56231.4	18.59	56299.36	56319.42578	56555.53817	56534.52344	505372.4	5409722.0
L5370.1	505372.4	5409720.6	19208.30078	382.02	0	48.840436	-86.926783	56279.98	56231.4	18.59	56298.57	56317.89453	56539.44888	56517.90625	505372.4	5409720.6
L5370.1	505372.3	5409719.1	19208.40039	382.14	0	48.840422	-86.926783	56279.93	56231.4	18.59	56298.52	56317.10156	56542.97624	56520.91797	505372.3	5409719.1
L5370.1	505372.3	5409717.9	19208.50000	380.82	0	48.840411	-86.926784	56279.32	56231.4	18.59	56297.91	56315.74609	56533.06178	56510.49609	505372.3	5409717.9
L5370.1	505372.3	5409717.9	19208.59961	381.72	0	48.840411	-86.926784	56278.86	56231.4	18.60	56297.45	56314.54688	56527.73214	56504.67188	505372.3	5409717.9
L5370.1	505372.3	5409716.5	19208.69922	382.21	0	48.840399	-86.926784	56278.21	56231.4	18.60	56296.81	56313.16406	56518.58142	56495.03516	505372.3	5409716.5
L5370.1	505372.3	5409715.6	19208.80078	383.45	0	48.840391	-86.926784	56277.78	56231.4	18.60	56296.38	56311.99219	56515.50274	56491.48438	505372.3	5409715.6
L5370.1	505372.3	5409714.6	19208.90039	384.01	0	48.840382	-86.926784	56276.86	56231.4	18.60	56295.46	56310.33203	56500.68591	56476.19922	505372.3	5409714.6
L5370.1	505372.2	5409713.5	19209.00000	386.38	0	48.840371	-86.926785	56276.25	56231.4	18.60	56294.85	56308.98047	56494.44399	56469.50000	505372.2	5409713.5
L5370.1	505372.2	5409713.5	19209.09961	380.38	0	48.840371	-86.926785	56275.61	56231.4	18.60	56294.21	56307.59766	56488.11604	56462.72266	505372.2	5409713.5
L5370.1	505372.2	5409712.1	19209.19922	382.18	0	48.840359	-86.926785	56274.95	56231.4	18.60	56293.54	56306.18359	56481.68223	56455.84766	505372.2	5409712.1
L5370.1	505372.2	5409711.0	19209.30078	387.32	0	48.840349	-86.926785	56274.57	56231.4	18.59	56293.16	56305.06250	56483.25559	56456.98438	505372.2	5409711.0
L5370.1	505372.2	5409709.7	19209.40039	384.64	0	48.840337	-86.926785	56273.52	56231.4	18.59	56292.11	56303.26953	56468.41701	56441.71875	505372.2	5409709.7
L5370.1	505372.2	5409709.7	19209.50000	386.13	0	48.840337	-86.926785	56272.72	56231.4	18.59	56291.31	56301.72656	56460.52866	56433.41016	505372.2	5409709.7
L5370.1	505372.2	5409708.4	19209.59961	385.23	0	48.840326	-86.926786	56271.63	56231.4	18.59	56290.22	56299.89063	56445.84579	56418.30859	505372.2	5409708.4
L5370.1	505372.2	5409707.1	19209.69922	384.27	0	48.840314	-86.926786	56270.82	56231.4	18.59	56289.41	56298.33203	56438.83495	56410.88672	505372.2	5409707.1
L5370.1	505372.2	5409707.1	19209.80078	385.12	0	48.840314	-86.926786	56269.70	56231.4	18.58	56288.28	56296.45703	56424.22633	56395.87500	505372.2	5409707.1
L5370.1	505372.2	5409706.0	19209.90039	381.36	0	48.840304	-86.926786	56268.98	56231.4	18.58	56287.56	56294.98828	56420.55288	56391.80078	505372.2	5409706.0
L5370.1	505372.2	5409706.0	19210.00000	381.94	0	48.840304	-86.926786	56267.95	56231.4	18.58	56286.53	56293.20703	56409.49490	56380.34375	505372.2	5409706.0
L5370.1	505372.2	5409704.7	19210.09961	365.91	0	48.840293	-86.926786	56266.71	56231.4	18.58	56285.29	56291.21484	56393.57350	56364.02734	505372.2	5409704.7
L5370.1	505372.2	5409703.6	19210.19922	361.46	0	48.840283	-86.926786	56265.96	56231.4	18.58	56284.54	56289.71094	56390.55921	56360.62109	505372.2	5409703.6
L5370.1	505372.2	5409703.6	19210.30078	378.45	0	48.840283	-86.926786	56264.77	56231.4	18.58	56283.35	56287.76172	56376.79513	56346.46875	505372.2	5409703.6
L5370.1	505372.2	5409702.2	19210.40039	380.82	0	48.840270	-86.926786	56264.05	56231.4	18.58	56282.63	56286.28516	56375.38919	56344.67578	505372.2	5409702.2
L5370.1	505372.2	5409701.0	19210.50000	380.68	0	48.840259	-86.926785	56262.83	56231.4	18.58	56281.41	56284.30469	56361.66802	56330.57031	505372.2	5409701.0
L5370.1	505372.2	5409700.0	19210.59961	379.86	0	48.840250	-86.926785	56261.95	56231.4	18.58	56280.53	56282.66016	56356.96067	56325.48047	505372.2	5409700.0
L5370.1	505372.2	5409699.1	19210.69922	382.61	0	48.840242	-86.926785	56260.59	56231.4	18.58	56279.17	56280.53516	56340.40634	56308.54297	505372.2	5409699.1
L5370.1	505372.2	5409699.1	19210.80078	381.70	0	48.840242	-86.926785	56259.94	56231.4	18.58	56278.52	56279.11719	56342.22983	56309.98047	505372.2	5409699.1
L5370.1	505372.2	5409698.0	19210.90039	382.83	0	48.840232	-86.926785	56258.71	56231.4	18.58	56277.29	56277.11719	56329.62530	56296.99609	505372.2	5409698.0
L5370.1	505372.3	5409697.0	19211.00000	377.44	0	48.840223	-86.926785	56257.70	56231.4	18.58	56276.28	56275.33203	56322.90579	56289.89063	505372.3	5409697.0
L5370.1	505372.3	5409697.0	19211.09961	378.59	0	48.840223	-86.926785	56256.53	56231.4	18.58	56275.11	56273.38672	56312.39408	56278.99609	505372.3	5409697.0
L5370.1	505372.3	5409695.0	19211.19922	381.59	0	48.840205	-86.926784	56255.60	56231.4	18.58	56274.18	56271.67578	56308.23735	56274.45313	505372.3	5409695.0
L5370.1	505372.3	5409695.0	19211.30078	379.12	0	48.840205	-86.926784	56254.48	56231.4	18.58	56273.06	56269.77344	56299.48805	56265.31641	505372.3	5409695.0
L5370.1	505372.3	5409693.8	19211.40039	380.30	0	48.840194	-86.926784	56253.29	56231.4	18.58	56271.86	56267.78516	56288.92331	56254.35938	505372.3	5409693.8
L5370.1	505372.3	5409693.8	19211.50000	378.63	0	48.840194	-86.926784	56252.64	56231.4	18.58	56271.22	56266.35547	56292.79080	56257.83594	505372.3	5409693.8
L5370.1	505372.4	5409692.7	19211.59961	379.17	0	48.840185	-86.926783	56251.51	56231.4	18.57	56270.08	56264.42578	56284.13191	56248.78125	505372.4	5409692.7
L5370.1	505372.4	5409691.6	19211.69922	380.86	0	48.840175	-86.926783	56250.57	56231.4	18.57	56269.14	56262.68750	56280.71980	56244.96875	505372.4	5409691.6
L5370.1	505372.4	5409690.7	19211.80078	380.22	0	48.840167	-86.926782	56249.22	56231.4	18.57	56267.79	56260.53906	56267.03349	56230.88281	505372.4	5409690.7
L5370.1	505372.4	5409690.7	19211.90039	379.33	0	48.840167	-86.926782	56248.18	56231.4	18.57	56266.75	56258.69531	56261.35510	56224.79688	505372.4	5409690.7
L5370.1	505372.5	5409689.7	19212.00000	381.74	0	48.840158	-86.926782	56246.88	56231.4	18.57	56265.45	56256.58594	56249.18088	56212.21484	505372.5	5409689.7
L5370.1	505372.5	5409689.1	19212.09961	381.30	0	48.840152	-86.926781	56246.08	56231.4	18.57	56264.65	56254.97656	56249.81026	56212.42969	505372.5	5409689.1
L5370.1	505372.5	5409688.1	19212.19922	383.22	0	48.840143	-86.926781	56244.88	56231.4	18.57	56263.45	56252.96094	56240.35304	56202.55469	505372.5	5409688.1
L5370.1	505372.5	5409687.2	19212.30078	385.01	0	48.840135	-86.926781	56243.92	56231.4	18.57	56262.49	56251.17969	56237.05948	56198.83594	505372.5	5409687.2
L5370.1	505372.6	5409686.6	19212.40039	383.74	0	48.840130	-86.926781	56243.02	56231.4	18.57	56261.59	56249.45703	56235.33938	56196.68750	505372.6	5409686.6
L5370.1	505372.6	5409686.6	19212.50000	383.98	0	48.840130	-86.926781	56242.05	56231.4	18.57	56260.62	56247.66016	56231.87370	56192.78906	505372.6	5409686.6
L5370.1	505372.6	5409685.4	19212.59961	382.42	0	48.840119	-86.926781	56241.14	56231.4	18.57	56259.71	56245.92188	56229.95188	56190.42578	505372.6	5409685.4
L5370.1	505372.6	5409684.6	19212.69922	386.13	0	48.840112	-86.926781	56240.12	56231.4	18.57	56258.69	56244.06641	56225.23906	56185.26953	505372.6	5409684.6
L5370.1	505372.6	5409683.7	19212.80078	386.48	0	48.840104	-86.926781	56239.21	56231.4	18.57	56257.78	56242.31641	56223.31288	56182.89063	505372.6	5409683.7
L5370.1	505372.6	5409683.7	19212.90039	388.94	0	48.840104	-86.926781	56238.08	56231.4	18.57	56256.65	56240.34375	56215.77280	56174.89453	505372.6	5409683.7
L5370.1	505372.5	5409682.9	19213.00000	386.18	0	48.840096	-86.926781	56237.31	56231.4	18.57	56255.88	56238.72656	56217.34695	56176.00391	505372.5	5409682.9
L5370.1	505372.5	5409682.9	19213.09961	381.32	0	48.840096	-86.926781	56236.15	56231.4	18.57	56254.72	56236.71484	56208.96108	56167.14844	505372.5	5409682.9
L5370.1	505372.5	5409681.2	19213.19922	378.44	0	48.840081	-86.926782	56235.20	56231.4	18.57	56253.77	56234.91016	56205.85248	56163.56250	505372.5	5409681.2
L5370.1	505372.5	5409681.2	19213.30078	376.46	0	48.840081	-86.926782	56234.50	56231.4	18.57	56253.07	56233.35156	56209.02613	56166.25391	505372.5	5409681.2
L5370.1	505372.5	5409680.3	19213.40039	375.36	0	48.840073	-86.926782	56233.63	56231.4	18.57	56252.20	56231.62109	56207.79627	56164.53516	505372.5	5409680.3
L5370.1	505372.5	5409680.3	19213.50000	380.24	0	48.840073	-86.926782	56232.85	56231.4	18.57	56251.42	56229.97266	56208.76021	56165.00391	505372.5	5409680.3
L5370.1	505372.5	5409679.6	19213.59961	365.27	0	48.840067	-86.926782	56231.82	56231.4	18.57	56250.39	56228.07422	56203.26633	56159.00781	505372.5	5409679.6
L5370.1	505372.5	5409679.6	19213.69922	362.48	0	48.840067	-86.926782	56231.08	56231.4	18.57	56249.65	56226.45703	56205.02923	56160.26172	505372.5	5409679.6
L5370.1	505372.4	5409678.6	19213.80078	375.56	0	48.840058	-86.926783	56230.13	56231.4	18.57	56248.70	56224.62891	56201.33171	56156.04688	505372.4	5409678.6
L5370.1	505372.4	5409678.0	19213.90039	374.58	0	48.840052	-86.926783	56229.36	56231.4	18.57	56247.93	56222.98047	56202.07693	56156.26953	505372.4	5409678.0
L5370.1	505372.3	5409677.1	19214.00000	373.89	0	48.840044	-86.926784	56228.25	56231.4	18.57	56246.82	56220.98438	56194.04029	56147.70313	505372.3	5409677.1
L5370.1	505372.3	5409677.1	19214.09961	375.82	0	48.840044	-86.926784	56227.63	56231.4	18.57	56246.20	56219.47266	56198.30875	56151.43359	505372.3	5409677.1

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5370.1	505372.3	5409676.5	19214.19922	378.18	0	48.840039	-86.926784	56226.68	56231.4	18.57	56245.25	56217.62891	56194.03393	56146.61719	505372.3	5409676.5
L5370.1	505372.3	5409675.8	19214.30078	380.08	0	48.840033	-86.926785	56225.90	56231.4	18.57	56244.47	56215.95313	56193.91654	56145.95313	505372.3	5409675.8
L5370.1	505372.3	5409675.8	19214.40039	381.44	0	48.840033	-86.926785	56225.05	56231.4	18.57	56243.62	56214.20313	56191.85020	56143.33203	505372.3	5409675.8
L5370.1	505372.2	5409675.2	19214.50000	381.94	0	48.840027	-86.926785	56224.42	56231.4	18.57	56242.99	56212.67188	56195.19924	56146.11719	505372.2	5409675.2
L5370.1	505372.2	5409674.4	19214.59961	384.12	0	48.840020	-86.926786	56223.78	56231.4	18.57	56242.35	56211.12500	56198.11232	56148.46094	505372.2	5409674.4
L5370.1	505372.1	5409673.6	19214.69922	382.36	0	48.840013	-86.926787	56223.09	56231.4	18.57	56241.66	56209.52344	56199.56752	56149.34375	505372.1	5409673.6
L5370.1	505372.1	5409673.1	19214.80078	383.56	0	48.840008	-86.926787	56222.28	56231.4	18.57	56240.85	56207.80078	56197.78089	56146.97656	505372.1	5409673.1
L5370.1	505372.1	5409673.1	19214.90039	381.74	0	48.840008	-86.926787	56221.56	56231.4	18.57	56240.13	56206.16797	56198.08530	56146.69531	505372.1	5409673.1
L5370.1	505372.1	5409672.3	19215.00000	377.91	0	48.840001	-86.926788	56220.86	56231.4	18.57	56239.43	56204.54688	56198.69767	56146.71484	505372.1	5409672.3
L5370.1	505372.1	5409672.3	19215.09961	380.01	0	48.840001	-86.926788	56219.93	56231.4	18.57	56238.50	56202.69531	56193.26052	56140.67969	505372.1	5409672.3
L5370.1	505372.0	5409671.7	19215.19922	381.61	0	48.839996	-86.926788	56219.51	56231.4	18.57	56238.08	56201.35156	56200.57831	56147.39453	505372.0	5409671.7
L5370.1	505372.0	5409671.1	19215.30078	381.27	0	48.839990	-86.926789	56218.48	56231.4	18.57	56237.04	56199.38672	56191.92864	56138.14063	505372.0	5409671.1
L5370.1	505372.0	5409670.4	19215.40039	379.80	0	48.839984	-86.926789	56217.78	56231.4	18.57	56236.34	56197.75781	56191.70822	56137.30859	505372.0	5409670.4
L5370.1	505372.0	5409670.4	19215.50000	380.21	0	48.839984	-86.926789	56217.27	56231.4	18.57	56235.84	56196.32422	56196.35694	56141.33984	505372.0	5409670.4
L5370.1	505372.0	5409669.8	19215.59961	380.50	0	48.839978	-86.926789	56216.82	56231.4	18.56	56235.38	56194.93359	56201.80678	56146.16797	505372.0	5409669.8
L5370.1	505372.0	5409669.8	19215.69922	377.49	0	48.839978	-86.926789	56216.28	56231.4	18.56	56234.84	56193.45703	56205.00675	56148.74219	505372.0	5409669.8
L5370.1	505372.0	5409669.2	19215.80078	375.54	0	48.839973	-86.926789	56215.76	56231.4	18.56	56234.32	56192.00000	56208.49765	56151.60547	505372.0	5409669.2
L5370.1	505371.9	5409668.7	19215.90039	378.80	0	48.839969	-86.926789	56215.28	56231.4	18.56	56233.84	56190.57813	56212.78740	56155.26172	505371.9	5409668.7
L5370.1	505371.9	5409668.7	19216.00000	377.83	0	48.839969	-86.926789	56214.56	56231.4	18.56	56233.11	56188.91016	56210.50544	56152.34375	505371.9	5409668.7
L5370.1	505372.0	5409668.1	19216.09961	378.47	0	48.839964	-86.926789	56214.07	56231.4	18.56	56232.63	56187.48438	56214.35991	56155.55859	505372.0	5409668.1
L5370.1	505372.0	5409667.7	19216.19922	378.83	0	48.839960	-86.926789	56213.42	56231.4	18.56	56231.98	56185.89063	56213.67690	56154.23438	505372.0	5409667.7
L5370.1	505372.0	5409667.7	19216.30078	380.87	0	48.839960	-86.926789	56212.90	56231.4	18.56	56231.46	56184.42578	56216.08210	56155.99609	505372.0	5409667.7
L5370.1	505372.0	5409667.4	19216.40039	379.90	0	48.839957	-86.926789	56212.00	56231.4	18.56	56230.56	56182.58203	56208.61482	56147.88281	505372.0	5409667.4
L5370.1	505372.0	5409666.9	19216.50000	380.38	0	48.839952	-86.926789	56211.56	56231.4	18.56	56230.11	56181.18359	56212.37167	56150.98828	505372.0	5409666.9
L5370.1	505372.0	5409666.3	19216.59961	382.91	0	48.839947	-86.926789	56211.31	56231.4	18.55	56229.86	56179.98828	56221.00063	56158.96875	505372.0	5409666.3
L5370.1	505372.0	5409666.3	19216.69922	383.31	0	48.839947	-86.926789	56210.78	56231.4	18.55	56229.33	56178.50781	56222.30439	56159.62109	505372.0	5409666.3
L5370.1	505372.0	5409665.8	19216.80078	384.22	0	48.839943	-86.926789	56210.18	56231.4	18.55	56228.74	56176.96875	56221.87687	56158.54297	505372.0	5409665.8
L5370.1	505372.0	5409665.4	19216.90039	382.87	0	48.839939	-86.926789	56209.69	56231.4	18.55	56228.24	56175.51953	56223.53312	56159.54688	505372.0	5409665.4
L5370.1	505372.0	5409665.1	19217.00000	383.93	0	48.839936	-86.926789	56209.21	56231.4	18.55	56227.76	56174.08984	56225.49704	56160.85547	505372.0	5409665.1
L5370.2	505271.3	5410696.1	18763.50000	427.60	0	48.849212	-86.928148	56847.77	56232.9	17.14	56864.91	56817.13672	56777.92033	56797.71875	505271.3	5410696.1
L5370.2	505271.4	5410696.0	18763.59961	429.35	0	48.849211	-86.928147	56847.86	56232.9	17.13	56864.99	56817.29297	56784.45359	56803.82813	505271.4	5410696.0
L5370.2	505271.4	5410695.8	18763.69922	430.01	0	48.849210	-86.928146	56847.88	56232.9	17.13	56865.01	56817.39063	56789.34695	56808.29688	505271.4	5410695.8
L5370.2	505271.5	5410695.6	18763.80078	433.35	0	48.849208	-86.928145	56847.75	56232.9	17.13	56864.89	56817.34375	56790.58918	56809.11719	505271.5	5410695.6
L5370.2	505271.5	5410695.6	18763.90039	435.83	0	48.849208	-86.928145	56847.55	56232.9	17.13	56864.68	56817.21094	56789.43873	56807.54688	505271.5	5410695.6
L5370.2	505271.5	5410695.4	18764.00000	435.01	0	48.849206	-86.928144	56847.06	56232.9	17.13	56864.18	56816.78516	56780.86650	56798.55078	505271.5	5410695.4
L5370.2	505271.6	5410695.2	18764.09961	431.96	0	48.849204	-86.928144	56847.06	56232.9	17.13	56864.18	56816.86328	56784.74282	56802.00391	505271.6	5410695.2
L5370.2	505271.6	5410695.2	18764.19922	432.90	0	48.849204	-86.928144	56846.70	56232.9	17.13	56863.82	56816.57813	56779.43929	56796.28516	505271.6	5410695.2
L5370.2	505271.6	5410694.9	18764.30078	432.84	0	48.849201	-86.928143	56846.49	56232.9	17.12	56863.62	56816.45703	56778.03576	56794.46484	505271.6	5410694.9
L5370.2	505271.7	5410694.7	18764.40039	435.33	0	48.849199	-86.928143	56846.16	56232.9	17.12	56863.28	56816.19531	56772.98852	56789.00391	505271.7	5410694.7
L5370.2	505271.7	5410694.7	18764.50000	440.45	0	48.849199	-86.928143	56846.16	56232.9	17.12	56863.28	56816.27344	56776.37161	56791.97266	505271.7	5410694.7
L5370.2	505271.7	5410694.3	18764.59961	439.05	0	48.849195	-86.928142	56846.16	56232.9	17.12	56863.27	56816.33984	56779.38401	56794.57422	505271.7	5410694.3
L5370.2	505271.7	5410694.3	18764.69922	437.77	0	48.849195	-86.928142	56846.10	56232.9	17.12	56863.22	56816.37109	56781.27305	56796.05469	505271.7	5410694.3
L5370.2	505271.7	5410693.9	18764.80078	439.23	0	48.849193	-86.928142	56846.18	56232.9	17.11	56863.29	56816.52344	56786.06485	56800.44531	505271.7	5410693.9
L5370.2	505271.7	5410693.7	18764.90039	433.60	0	48.849190	-86.928142	56846.41	56232.9	17.11	56863.52	56816.83203	56794.76749	56808.74609	505271.7	5410693.7
L5370.2	505271.7	5410693.7	18765.00000	435.60	0	48.849190	-86.928142	56846.43	56232.9	17.11	56863.54	56816.93359	56798.07735	56811.65625	505271.7	5410693.7
L5370.2	505271.7	5410693.4	18765.09961	438.25	0	48.849187	-86.928143	56846.16	56232.9	17.11	56863.27	56816.74609	56793.98461	56807.17188	505271.7	5410693.4
L5370.2	505271.6	5410693.0	18765.19922	438.75	0	48.849184	-86.928144	56846.46	56232.9	17.11	56863.57	56817.13281	56804.12132	56816.91797	505271.6	5410693.0
L5370.2	505271.5	5410692.6	18765.30078	441.95	0	48.849181	-86.928145	56846.52	56232.9	17.11	56863.63	56817.27734	56808.11774	56820.52734	505271.5	5410692.6
L5370.2	505271.5	5410692.6	18765.40039	443.11	0	48.849181	-86.928145	56847.00	56232.9	17.11	56864.11	56817.84375	56822.57590	56834.60547	505271.5	5410692.6
L5370.2	505271.4	5410692.3	18765.50000	448.02	0	48.849178	-86.928146	56847.34	56232.9	17.11	56864.45	56818.26953	56833.41392	56845.06641	505271.4	5410692.3
L5370.2	505271.3	5410691.9	18765.59961	447.99	0	48.849174	-86.928147	56847.73	56232.9	17.12	56864.84	56818.75000	56845.41310	56856.69531	505271.3	5410691.9
L5370.2	505271.3	5410691.9	18765.69922	446.08	0	48.849174	-86.928147	56847.93	56232.9	17.12	56865.04	56819.03906	56852.53994	56863.45313	505271.3	5410691.9
L5370.2	505271.2	5410691.4	18765.80078	447.50	0	48.849170	-86.928149	56848.04	56232.9	17.12	56865.15	56819.23828	56857.31227	56867.86719	505271.2	5410691.4
L5370.2	505271.1	5410691.0	18765.90039	442.80	0	48.849166	-86.928150	56848.50	56232.9	17.12	56865.61	56819.79297	56870.79927	56880.99609	505271.1	5410691.0
L5370.2	505271.0	5410690.5	18766.00000	441.87	0	48.849162	-86.928152	56848.52	56232.9	17.12	56865.64	56819.91406	56873.38615	56883.23438	505271.0	5410690.5
L5370.2	505271.0	5410690.5	18766.09961	438.68	0	48.849162	-86.928152	56848.75	56232.9	17.12	56865.87	56820.24219	56880.92081	56890.42188	505271.0	5410690.5
L5370.2	505270.9	5410690.0	18766.19922	436.73	0	48.849157	-86.928154	56848.42	56232.9	17.12	56865.54	56820.00781	56874.29157	56883.45313	505270.9	5410690.0
L5370.2	505270.9	5410690.0	18766.30078	435.98	0	48.849157	-86.928154	56848.44	56232.9	17.12	56865.56	56820.12500	56876.38863	56885.21875	505270.9	5410690.0
L5370.2	505270.8	5410689.4	18766.40039	434.03	0	48.849151	-86.928155	56848.47	56232.9	17.12	56865.59	56820.25391	56878.66368	56887.16797	505270.8	5410689.4
L5370.2	505270.7	5410688.7	18766.50000	431.84	0	48.849146	-86.928157	56848.50	56232.9	17.12	56865.62	56820.38672	56880.86821	56889.05469	505270.7	5410688.7
L5370.2	505270.7	5410688.7	18766.59961	428.23	0	48.849146	-86.928157	56848.55	56232.9	17.12	56865.67	56820.53906	56883.50824	56891.37891	505270.7	5410688.7
L5370.2	505270.6	5410688.2	18766.69922	426.10	0	48.849141	-86.928157	56848.47	56232.9	17.12	56865.59	56820.56641	56882.81416	56890.37891	505270.6	5410688.2
L5370.2	505270.6	5410687.7	18766.80078	427.62	0	48.849136	-86.928158	56848.47	56232.9	17.12	56865.59	56820.67188	56884.07066	56891.33984	505270.6	5410687.7
L5370.2	505270.6	5410687.7	18766.90039	426.69	0	48.849136	-86.928158	56848.26	56232.9	17.12	56865.38	56820.57031	56879.98699	56886.96484	505270.6	5410687.7
L5370.2	505270.5	5410687.1	18767.00000	426.44	0	48.849131	-86.928158	56848.50	56232.9	17.12	56865.62	56820.92188	56887.16569	56893.85547	505270.5	5410687.1
L5370.2	505270.5	5410687.1	18767.09961	425.20	0	48.849131	-86.928158	56848.81	56232.9	17.12	56865.92	56821.33594	56895.80090	56902.21484	505270.5	5410687.1
L5370.2	505270.5	5410686.6	18767.19922	422.56	0	48.849127	-86.928158	56849.04	56232.9	17.12	56866.15	56821.67969	56902.62599	56908.76953	505270.5	5410686.6
L5370.2	505270.6	5410686.0	18767.30078	424.08	0	48.849121	-86.928158	56848.73	56232.9	17.11	56865.84	56821.48828	56895.82296	56901.70313	505270.6	5410686.0
L5370.2	505270.6	5410685.4	18767.40039	423.36	0	48.849116	-86.928158	56848.60	56232.9	17.11	56865.71	56821.47656	56893.50330	56899.12891	505270.6	5410685.4
L5370.2	505270.6	5410684.9	18767.50000	426.99	0	48.849111	-86.928158	56848.45	56232.9	17.11	56865.56	56821.44922	56890.63969	56896.01563	505270.6	5410684.9
L5370.2	505270.6	5410684.9	18767.59961	430.41	0	48.849111	-86.928158	56848.81	56232.9	17.11	56865.91	56821.92188	56900.31335	56905.44922	505270.6	5410684.9
L5370.2	505270.6	5410684.2	18767.69922	433.37	0	48.849104	-86.928157	56848.81	56232.9	17.11	56865.91	56822.04688	56901.14882	56906.05469	505270.6	5410684.2
L5370.2	505270.6	5410684.2	18767.80078	438.99	0	48.849104	-86.928157	56848.63	56232.9	17.10	56865.73	56821.99219	56897.42444	56902.10547	505270.6	5410684.2
L5370.2	505270.7	5410683.6	18767.90039	441.28	0	48.849100	-86.928157	56848.73	56232.9	17.10	56865.83	56822.22266	56900.71222	56905.17969	505270.7	5410683.6
L5370.2	505270.7	5410682.7	18768.00000	441.49	0	48.849092	-86.928156	56848.55	56232.9	17.10	56865.65	56822.17578	56896.93026	56901.19141	505270.7	5410682.7
L5370.2	505270.8	5410682.2	18768.09961	440.95	0	48.849087	-86.928155	56848.50	56232.9	17.10	56865.60	56822.26172	56896.39288	56900.45313	505270.8	5410682.2
L5370.2	505270.8	5410682.2	18768.19922	441.35	0	48.849087	-86.928155	56848.41	56232.9	17.10	56865.52	56822.31641	56895.07838	56898.94531	505270.8	5410682.2
L5370.2	505270.8	5410681.3	18768.30078	437.32	0	48.849079	-86.928155	56848.42	56232.9	17.10	56865.52	56822.45703	56895.75569	56899.44141	505270.8	5410681.3
L5370.2	505270.9	5410680.5	18768.40039	435.64	0	48.849072	-86.928154	56848.32	56232.9	17.10	56865.42	56822.50000	56893.89991	56897.41016	505270.9	5410680.5
L5370.2	505270.9	5410679.8	18768.50000	433.59	0	48.849065	-86.928153	56848.55	56232.9	17.11	56865.65	56822.87500	56900.32809	56903.67188	505270.9	5410679.8
L5370.2	505270.9	5410679.8	18768.59961	433.09	0	48.849065	-86.928153	56848.65	56232.9	17.11	56865.76	56823.12891	56903.72441	56906.91016	505270.9	5410679.8
L5370.2	505271.0	5410678.8	18768.69922	432.96	0	48.849056	-86.928153	56848.37	56232.9	17.11	56865.47	56822.98828	56897.04866	56900.08203	505271.0	5410678.8
L5370.2	505271.0	5410678.8	18768.80078	435.57	0	48.849056	-86.928153	56848.34	56232.9	17.11	56865.45	56823.12109	56897.15377	56900.04688	505271.0	5410678.8
L5370.2	505271.0	5410677.2	18768.90039	435.33	0	48.849042	-86.928151	56848.34	56232.9	17.11	56865.45	56823.27734	56897.75384	56900.51563	505271.0	5410677.2
L5370.2	505271.0	5410677.2	18769.00000	434.31	0	48.849042	-86.928151	56848.70	56232.9	17.11	56865.81	56823.79297	56907.40185	56910.03516	505271.0	5410677.2
L5370.2	505271.1	5410676.2	18769.09961	434.02	0	48.849033	-86.928151	56848.52	56232.9	17.11	56865.63	56823.77344	56903.46364	56905.98047	505271.1	5410676.2
L5370.2	505271.1	5410676.2	18769.19922	437.64	0	48.849033	-86.928151	56848.47	56232.9	17.11	56865.58	56823.88672	56902.79177	56905.19922	505271.1	5410676.2
L5370.2	505271.1	5410675.5	18769.30078	435.57	0	48.849027	-86.928151	56848.29	56232.9	17.11	56865.40	56823.87109	56898.84840	56901.15625	505271.1	5410675.5
L5370.2	505271.1	5410674.6	18769.40039	434.44	0	48.849019	-86.928151	56848.29	56232.9	17.11	56865.39	56824.02734	56899.18007	56901.39453	505271.1	5410674.6
L5370.2	505271.1	5410673.7	18769.50000	431.92	0	48.849010	-86.928150	56847.96	56232.9	17.10	56865.06	56823.86719	56891.46404	56893.59375	505271.1	5410673.7
L5370.2	505271.1	5410673.7	18769.59961	431.78	0	48.849010	-86.928150	56848.11	56232.9	17.10	56865.22	56824.19922	56896.07354	56898.12500	505271.1	5410673.7
L5370.2	505271.1	5410672.7	18769.69922	428.81	0	48.849001	-86.928150	56847.98	56232.9	17.10	56865.08	56824.23438	56893.14038	56895.12109	505271.1	5410672.7
L5370.2	505271.1	5410671.8	18769.80078	430.57	0	48.848994	-86.928150	56848.00	56232.9	17.10	56865.11	56824.44531	56894.48630	56896.40625	505271.1	5410671.8

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5370.2	505271.1	5410671.8	18769.90039	432.47	0	48.848994	-86.928150	56848.06	56232.9	17.10	56865.16	56824.67578	56896.33941	56898.20703	505271.1	5410671.8
L5370.2	505271.1	5410670.8	18770.00000	433.82	0	48.848985	-86.928150	56847.78	56232.9	17.10	56864.88	56824.57813	56889.89756	56891.71875	505271.1	5410670.8
L5370.2	505271.2	5410669.8	18770.09961	433.75	0	48.848976	-86.928150	56847.62	56232.9	17.10	56864.72	56824.60547	56886.47915	56888.26172	505271.2	5410669.8
L5370.2	505271.2	5410668.6	18770.19922	431.22	0	48.848965	-86.928150	56847.36	56232.9	17.10	56864.46	56824.53516	56880.55144	56882.30469	505271.2	5410668.6
L5370.2	505271.2	5410668.6	18770.30078	420.48	0	48.848965	-86.928150	56847.65	56232.9	17.10	56864.75	56825.01563	56888.46276	56890.19141	505271.2	5410668.6
L5370.2	505271.1	5410667.6	18770.40039	421.29	0	48.848956	-86.928150	56847.41	56232.9	17.10	56864.52	56824.98047	56883.30198	56885.01563	505271.1	5410667.6
L5370.2	505271.1	5410666.9	18770.50000	424.34	0	48.848949	-86.928150	56847.34	56232.9	17.11	56864.45	56825.10938	56882.17178	56883.87500	505271.1	5410666.9
L5370.2	505271.1	5410666.9	18770.59961	424.07	0	48.848949	-86.928150	56847.08	56232.9	17.11	56864.18	56825.03906	56876.01790	56877.71875	505271.1	5410666.9
L5370.2	505271.1	5410665.9	18770.69922	424.49	0	48.848940	-86.928150	56847.21	56232.9	17.11	56864.32	56825.37891	56880.18228	56881.88672	505271.1	5410665.9
L5370.2	505271.1	5410664.9	18770.80078	431.35	0	48.848931	-86.928150	56847.26	56232.9	17.11	56864.37	56825.63672	56882.08937	56883.80469	505271.1	5410664.9
L5370.2	505271.1	5410663.5	18770.90039	430.48	0	48.848919	-86.928150	56847.19	56232.9	17.11	56864.30	56825.77344	56880.98441	56882.71875	505271.1	5410663.5
L5370.2	505271.1	5410663.5	18771.00000	431.54	0	48.848919	-86.928150	56847.21	56232.9	17.11	56864.32	56826.00391	56882.14876	56883.91016	505271.1	5410663.5
L5370.2	505271.2	5410662.7	18771.09961	432.77	0	48.848911	-86.928150	56847.36	56232.9	17.11	56864.47	56826.36719	56886.58809	56888.37891	505271.2	5410662.7
L5370.2	505271.2	5410661.6	18771.19922	434.90	0	48.848902	-86.928150	56847.26	56232.9	17.11	56864.37	56826.48438	56884.74462	56886.57031	505271.2	5410661.6
L5370.2	505271.2	5410661.6	18771.30078	434.17	0	48.848902	-86.928150	56846.90	56232.9	17.11	56864.01	56826.34375	56876.36633	56878.23828	505271.2	5410661.6
L5370.2	505271.2	5410660.4	18771.40039	434.40	0	48.848891	-86.928150	56847.03	56232.9	17.11	56864.14	56826.69531	56880.31576	56882.23438	505271.2	5410660.4
L5370.2	505271.2	5410659.6	18771.50000	436.86	0	48.848884	-86.928150	56846.65	56232.9	17.11	56863.76	56826.53906	56871.44146	56873.41797	505271.2	5410659.6
L5370.2	505271.2	5410659.6	18771.59961	440.65	0	48.848884	-86.928150	56846.67	56232.9	17.11	56863.78	56826.78906	56872.62999	56874.66797	505271.2	5410659.6
L5370.2	505271.2	5410658.2	18771.69922	439.53	0	48.848871	-86.928150	56846.31	56232.9	17.11	56863.42	56826.65625	56864.26299	56866.36328	505271.2	5410658.2
L5370.2	505271.2	5410657.3	18771.80078	438.87	0	48.848862	-86.928150	56846.48	56232.9	17.11	56863.59	56827.05859	56869.22696	56871.39844	505271.2	5410657.3
L5370.2	505271.2	5410657.3	18771.90039	436.91	0	48.848862	-86.928150	56846.41	56232.9	17.11	56863.52	56827.22266	56868.15497	56870.40625	505271.2	5410657.3
L5370.2	505271.2	5410656.3	18772.00000	434.53	0	48.848854	-86.928150	56846.38	56232.9	17.11	56863.49	56827.42969	56868.08846	56870.42188	505271.2	5410656.3
L5370.2	505271.2	5410655.1	18772.09961	431.76	0	48.848844	-86.928150	56846.28	56232.9	17.11	56863.39	56827.57031	56866.26001	56868.67969	505271.2	5410655.1
L5370.2	505271.2	5410655.1	18772.19922	428.77	0	48.848844	-86.928150	56846.18	56232.9	17.11	56863.29	56827.71484	56864.42936	56866.94141	505271.2	5410655.1
L5370.2	505271.2	5410654.1	18772.30078	426.96	0	48.848834	-86.928149	56846.46	56232.9	17.11	56863.57	56828.23828	56872.15298	56874.75781	505271.2	5410654.1
L5370.2	505271.2	5410653.2	18772.40039	423.48	0	48.848826	-86.928149	56846.05	56232.9	17.11	56863.16	56828.07813	56862.51868	56865.22266	505271.2	5410653.2
L5370.2	505271.2	5410652.0	18772.50000	420.51	0	48.848816	-86.928149	56846.02	56232.9	17.10	56863.13	56828.29688	56862.43705	56865.25000	505271.2	5410652.0
L5370.2	505271.2	5410650.9	18772.59961	417.95	0	48.848805	-86.928149	56845.90	56232.9	17.10	56863.00	56828.41797	56859.83490	56862.75391	505271.2	5410650.9
L5370.2	505271.2	5410650.9	18772.69922	415.29	0	48.848805	-86.928149	56846.20	56232.9	17.10	56863.31	56828.98438	56868.29293	56871.32422	505271.2	5410650.9
L5370.2	505271.2	5410650.0	18772.80078	414.27	0	48.848797	-86.928149	56846.25	56232.9	17.10	56863.36	56829.28906	56870.20488	56873.35156	505271.2	5410650.0
L5370.2	505271.3	5410648.9	18772.90039	414.67	0	48.848787	-86.928149	56846.00	56232.9	17.10	56863.10	56829.28906	56864.31253	56867.57813	505271.3	5410648.9
L5370.2	505271.3	5410648.9	18773.00000	412.99	0	48.848787	-86.928149	56845.84	56232.9	17.10	56862.94	56829.39063	56860.92714	56864.32031	505271.3	5410648.9
L5370.2	505271.3	5410647.9	18773.09961	416.18	0	48.848778	-86.928149	56845.59	56232.9	17.10	56862.68	56829.39844	56855.01800	56858.53516	505271.3	5410647.9
L5370.2	505271.2	5410646.6	18773.19922	421.23	0	48.848766	-86.928149	56845.66	56232.9	17.10	56862.76	56829.74219	56857.65104	56861.29688	505271.2	5410646.6
L5370.2	505271.2	5410646.6	18773.30078	424.65	0	48.848766	-86.928149	56845.46	56232.9	17.10	56862.55	56829.80078	56852.98084	56856.75781	505271.2	5410646.6
L5370.2	505271.3	5410645.3	18773.40039	428.03	0	48.848755	-86.928149	56845.72	56232.9	17.10	56862.81	56830.33203	56860.12177	56864.03516	505271.3	5410645.3
L5370.2	505271.2	5410644.2	18773.50000	430.82	0	48.848745	-86.928149	56845.51	56232.9	17.09	56862.61	56830.40625	56855.68337	56859.73438	505271.2	5410644.2
L5370.2	505271.2	5410644.2	18773.59961	431.44	0	48.848745	-86.928149	56845.64	56232.9	17.09	56862.74	56830.81250	56859.53473	56863.72656	505271.2	5410644.2
L5370.2	505271.2	5410643.2	18773.69922	432.57	0	48.848736	-86.928149	56845.38	56232.9	17.09	56862.47	56830.82031	56853.31580	56857.65234	505271.2	5410643.2
L5370.2	505271.2	5410642.0	18773.80078	432.57	0	48.848726	-86.928149	56845.72	56232.9	17.09	56862.81	56831.43750	56862.42909	56866.90625	505271.2	5410642.0
L5370.2	505271.2	5410640.8	18773.90039	433.22	0	48.848715	-86.928149	56845.48	56232.9	17.09	56862.57	56831.48047	56856.94542	56861.57031	505271.2	5410640.8
L5370.2	505271.2	5410640.8	18774.00000	435.12	0	48.848715	-86.928149	56845.59	56232.9	17.09	56862.68	56831.87109	56860.25552	56865.03125	505271.2	5410640.8
L5370.2	505271.2	5410639.7	18774.09961	438.17	0	48.848704	-86.928150	56845.62	56232.9	17.09	56862.71	56832.18750	56861.54514	56866.47266	505271.2	5410639.7
L5370.2	505271.2	5410638.5	18774.19922	439.55	0	48.848694	-86.928149	56845.43	56232.9	17.09	56862.52	56832.28516	56857.29392	56862.37109	505271.2	5410638.5
L5370.2	505271.2	5410638.5	18774.30078	440.65	0	48.848694	-86.928149	56845.48	56232.9	17.09	56862.57	56832.62500	56859.07218	56864.30078	505271.2	5410638.5
L5370.2	505271.2	5410637.1	18774.40039	442.33	0	48.848681	-86.928149	56845.25	56232.9	17.09	56862.34	56832.68750	56853.80261	56859.18750	505271.2	5410637.1
L5370.2	505271.2	5410635.8	18774.50000	444.21	0	48.848670	-86.928149	56845.31	56232.9	17.09	56862.39	56833.02734	56855.57094	56861.11328	505271.2	5410635.8
L5370.2	505271.2	5410635.8	18774.59961	443.20	0	48.848670	-86.928149	56845.07	56232.9	17.09	56862.16	56833.09375	56850.29420	56855.99609	505271.2	5410635.8
L5370.2	505271.2	5410634.5	18774.69922	443.33	0	48.848658	-86.928149	56845.20	56232.9	17.09	56862.29	56833.51953	56854.07060	56859.92969	505271.2	5410634.5
L5370.2	505271.2	5410633.3	18774.80078	444.79	0	48.848647	-86.928150	56845.15	56232.9	17.09	56862.24	56833.76953	56853.32057	56859.33594	505271.2	5410633.3
L5370.2	505271.2	5410632.4	18774.90039	445.28	0	48.848639	-86.928150	56845.59	56232.9	17.09	56862.68	56834.50781	56864.89724	56871.07422	505271.2	5410632.4
L5370.2	505271.2	5410631.1	18775.00000	438.46	0	48.848627	-86.928150	56845.38	56232.9	17.09	56862.47	56834.59766	56860.13099	56866.46875	505271.2	5410631.1
L5370.2	505271.2	5410631.1	18775.09961	435.29	0	48.848627	-86.928150	56845.54	56232.9	17.09	56862.63	56835.06250	56864.67819	56871.17969	505271.2	5410631.1
L5370.2	505271.2	5410629.9	18775.19922	435.72	0	48.848616	-86.928150	56845.41	56232.9	17.09	56862.50	56835.23438	56861.94204	56868.60156	505271.2	5410629.9
L5370.2	505271.2	5410629.0	18775.30078	434.20	0	48.848608	-86.928150	56845.46	56232.9	17.09	56862.55	56835.58984	56863.74643	56870.56641	505271.2	5410629.0
L5370.2	505271.2	5410627.9	18775.40039	433.97	0	48.848598	-86.928150	56845.59	56232.9	17.09	56862.68	56836.02734	56867.57948	56874.56250	505271.2	5410627.9
L5370.2	505271.2	5410627.9	18775.50000	439.75	0	48.848598	-86.928150	56845.17	56232.9	17.09	56862.26	56835.91797	56857.59966	56864.74609	505271.2	5410627.9
L5370.2	505271.2	5410626.4	18775.59961	440.30	0	48.848585	-86.928150	56845.46	56232.9	17.09	56862.55	56836.51563	56865.50071	56872.81250	505271.2	5410626.4
L5370.2	505271.2	5410625.2	18775.69922	440.55	0	48.848574	-86.928150	56845.31	56232.9	17.09	56862.39	56836.66797	56862.11164	56869.58594	505271.2	5410625.2
L5370.2	505271.2	5410625.2	18775.80078	434.39	0	48.848574	-86.928150	56845.69	56232.9	17.09	56862.78	56837.37109	56872.58748	56880.22656	505271.2	5410625.2
L5370.2	505271.2	5410623.9	18775.90039	431.59	0	48.848562	-86.928150	56845.56	56232.9	17.09	56862.65	56837.55469	56870.02133	56877.82031	505271.2	5410623.9
L5370.2	505271.2	5410622.3	18776.00000	436.43	0	48.848548	-86.928150	56845.92	56232.9	17.09	56863.01	56838.22656	56879.82023	56887.78516	505271.2	5410622.3
L5370.2	505271.2	5410621.4	18776.09961	427.92	0	48.848540	-86.928150	56845.84	56232.9	17.09	56862.93	56838.46484	56878.59890	56886.73047	505271.2	5410621.4
L5370.2	505271.2	5410621.4	18776.19922	426.53	0	48.848540	-86.928150	56845.82	56232.9	17.09	56862.90	56838.75000	56878.68650	56886.98047	505271.2	5410621.4
L5370.2	505271.2	5410619.8	18776.30078	425.41	0	48.848526	-86.928150	56845.72	56232.9	17.09	56862.81	56838.97656	56877.32194	56885.77734	505271.2	5410619.8
L5370.2	505271.2	5410619.0	18776.40039	432.37	0	48.848519	-86.928150	56845.64	56232.9	17.09	56862.73	56839.21484	56876.27154	56884.89063	505271.2	5410619.0
L5370.2	505271.2	5410617.8	18776.50000	433.49	0	48.848507	-86.928150	56845.64	56232.9	17.08	56862.73	56839.53516	56877.30189	56886.08594	505271.2	5410617.8
L5370.2	505271.2	5410617.8	18776.59961	433.58	0	48.848507	-86.928150	56845.43	56232.9	17.08	56862.52	56839.64453	56873.12553	56882.07422	505271.2	5410617.8
L5370.2	505271.3	5410616.2	18776.69922	434.00	0	48.848493	-86.928149	56845.74	56232.9	17.08	56862.82	56840.26563	56881.85759	56890.96875	505271.3	5410616.2
L5370.2	505271.3	5410615.3	18776.80078	435.04	0	48.848485	-86.928149	56845.66	56232.9	17.08	56862.75	56840.51953	56881.37217	56890.64453	505271.3	5410615.3
L5370.2	505271.3	5410615.3	18776.90039	432.24	0	48.848485	-86.928149	56846.08	56232.9	17.08	56863.16	56841.25391	56893.05451	56902.49219	505271.3	5410615.3
L5370.2	505271.3	5410613.8	18777.00000	431.50	0	48.848472	-86.928149	56846.10	56232.9	17.08	56863.18	56841.59375	56895.03069	56904.63281	505271.3	5410613.8
L5370.2	505271.3	5410612.4	18777.09961	432.31	0	48.848459	-86.928149	56846.34	56232.9	17.08	56863.42	56842.16016	56902.65029	56912.41406	505271.3	5410612.4
L5370.2	505271.3	5410611.2	18777.19922	430.94	0	48.848448	-86.928149	56846.18	56232.9	17.08	56863.26	56842.32422	56900.32758	56910.25391	505271.3	5410611.2
L5370.2	505271.3	5410611.2	18777.30078	429.33	0	48.848448	-86.928149	56846.25	56232.9	17.08	56863.34	56842.73047	56904.16712	56914.25781	505271.3	5410611.2
L5370.2	505271.3	5410610.0	18777.40039	426.74	0	48.848438	-86.928149	56846.28	56232.9	17.08	56863.36	56843.07422	56906.63195	56916.88281	505271.3	5410610.0
L5370.2	505271.3	5410608.4	18777.50000	432.54	0	48.848423	-86.928148	56845.69	56232.9	17.08	56862.78	56842.82031	56894.14910	56904.56641	505271.3	5410608.4
L5370.2	505271.3	5410608.4	18777.59961	426.49	0	48.848423	-86.928148	56845.87	56232.9	17.09	56862.96	56843.32813	56900.93241	56911.51563	505271.3	5410608.4
L5370.2	505271.4	5410607.2	18777.69922	430.78	0	48.848412	-86.928148	56845.87	56232.9	17.09	56862.96	56843.65234	56903.34905	56914.09375	505271.4	5410607.2
L5370.2	505271.4	5410605.7	18777.80078	438.22	0	48.848399	-86.928148	56846.28	56232.9	17.09	56863.36	56844.38281	56915.99563	56926.90234	505271.4	5410605.7
L5370.2	505271.4	5410605.7	18777.90039	441.11	0	48.848399	-86.928148	56846.18	56232.9	17.09	56863.27	56844.61719	56916.49724	56927.57031	505271.4	5410605.7
L5370.2	505271.4	5410604.3	18778.00000	441.64	0	48.848386	-86.928148	56846.25	56232.9	17.09	56863.34	56845.01563	56921.21145	56932.44922	505271.4	5410604.3
L5370.2	505271.4	5410602.9	18778.09961	436.17	0	48.848374	-86.928147	56845.92	56232.9	17.09	56863.01	56845.01172	56916.06351	56927.46875	505271.4	5410602.9
L5370.2	505271.4	5410602.1	18778.19922	434.57	0	48.848366	-86.928147	56846.20	56232.9	17.09	56863.29	56845.62109	56926.46561	56938.03516	505271.4	5410602.1
L5370.2	505271.4	5410600.9	18778.30078	440.25	0	48.848355	-86.928147	56846.31	56232.9	17.09	56863.40	56846.05859	56932.81015	56944.54688	505271.4	5410600.9
L5370.2	505271.4	5410600.9	18778.40039	439.97	0	48.848355	-86.928147	56846.10	56232.9	17.09	56863.19	56846.17578	56931.33470	56943.23828	505271.4	5410600.9
L5370.2	505271.5	5410599.7	18778.50000	440.65	0	48.848345	-86.928147	56845.64	56232.9	17.09	56862.73	56846.04688	56923.81013	56935.88281	505271.5	5410599.7
L5370.2	505271.5	5410598.3	18778.59961	437.96	0	48.848333	-86.928146	56845.90	56232.9	17.09	56862.99	56846.63281	56934.64319	56946.88281	505271.5	5410598.3
L5370.2	505271.5	5410597.0	18778.69922	438.07	0	48.848321	-86.928146	56845.48	56232.9	17.09	56862.57	56846.53906	56928.63329	56941.04297	505271.5	5410597.0
L5370.2	505271.5	5410595.9	18778.80078	443.32	0	48.848310	-86.928146	56845.35	56232.9	17.09	56862.44	56846.73828	56930.18739	56942.76953	505271.5	5410595.9
L5370.2	505271.5	5410595.9	18778.90039	444.16	0	48.848310	-86.928146	56845.43	56232.9	17.09	56862.52	56847.14453	56937.30417	56950.05859	505271.5	5410595.9
L5370.2	505271.6	5410594.2	18779.00000	442.02	0	48.848295	-86.928145	56845.25	56232.9	17.09	56862.34	56847.29297	56938.17357	56951.10156	505271.6	5410594.2
L5370.2	505271.6	5410594.2	18779.09961	440.95	0	48.848295	-86.928145	56845.25	56232.9	17.09	56862.34	56847.62109	56943.87284	56956.97656	505271.6	5410594.2

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5370.2	505271.6	5410592.8	18779.19922	441.64	0	48.848283	-86.928145	56844.76	56232.9	17.09	56861.85	56847.45703	56937.56184	56950.83984	505271.6	5410592.8
L5370.2	505271.6	5410592.8	18779.30078	439.07	0	48.848283	-86.928145	56844.66	56232.9	17.09	56861.75	56847.68359	56941.38427	56954.83984	505271.6	5410592.8
L5370.2	505271.6	5410591.2	18779.40039	432.13	0	48.848268	-86.928145	56844.20	56232.9	17.09	56861.28	56847.53906	56936.23646	56949.87109	505271.6	5410591.2
L5370.2	505271.7	5410590.1	18779.50000	430.81	0	48.848259	-86.928144	56844.30	56232.9	17.09	56861.39	56847.97266	56946.02267	56959.84375	505271.7	5410590.1
L5370.2	505271.7	5410588.8	18779.59961	433.86	0	48.848246	-86.928144	56843.74	56232.9	17.09	56860.83	56847.73828	56939.31532	56953.32031	505271.7	5410588.8
L5370.2	505271.7	5410588.8	18779.69922	432.06	0	48.848246	-86.928144	56843.68	56232.9	17.09	56860.77	56848.00391	56945.55179	56959.74219	505271.7	5410588.8
L5370.2	505271.7	5410587.3	18779.80078	428.49	0	48.848233	-86.928144	56843.61	56232.9	17.09	56860.70	56848.25781	56951.91603	56966.29297	505271.7	5410587.3
L5370.2	505271.7	5410585.9	18779.90039	427.79	0	48.848220	-86.928143	56843.32	56232.9	17.09	56860.41	56848.28906	56953.13716	56967.70313	505271.7	5410585.9
L5370.2	505271.8	5410584.4	18780.00000	425.56	0	48.848208	-86.928143	56843.17	56232.9	17.09	56860.26	56848.46094	56958.28019	56973.04297	505271.8	5410584.4
L5370.2	505271.8	5410584.4	18780.09961	425.52	0	48.848208	-86.928143	56842.57	56232.9	17.09	56859.66	56848.18359	56952.51674	56967.47266	505271.8	5410584.4
L5370.2	505271.8	5410583.2	18780.19922	418.86	0	48.848196	-86.928143	56842.46	56232.9	17.09	56859.55	56848.39453	56959.49909	56974.65625	505271.8	5410583.2
L5370.2	505271.8	5410582.0	18780.30078	418.20	0	48.848185	-86.928142	56841.88	56232.9	17.09	56858.97	56848.13672	56955.09278	56970.44922	505271.8	5410582.0
L5370.2	505271.8	5410580.9	18780.40039	427.16	0	48.848176	-86.928142	56841.62	56232.9	17.09	56858.71	56848.19531	56959.17717	56974.73828	505271.8	5410580.9
L5370.2	505271.8	5410580.9	18780.50000	426.73	0	48.848176	-86.928142	56841.14	56232.9	17.09	56858.23	56848.03516	56958.18083	56973.94922	505271.8	5410580.9
L5370.2	505271.9	5410578.8	18780.59961	423.97	0	48.848157	-86.928141	56840.85	56232.9	17.09	56857.94	56848.06250	56962.42542	56978.40625	505271.9	5410578.8
L5370.2	505271.9	5410578.8	18780.69922	425.38	0	48.848157	-86.928141	56840.44	56232.9	17.09	56857.53	56847.96875	56964.12381	56980.32031	505271.9	5410578.8
L5370.2	505271.9	5410577.4	18780.80078	431.74	0	48.848144	-86.928141	56840.34	56232.9	17.09	56857.43	56848.18750	56974.10024	56990.51563	505271.9	5410577.4
L5370.2	505271.9	5410577.4	18780.90039	432.71	0	48.848144	-86.928141	56839.84	56232.9	17.09	56856.93	56848.00391	56974.50676	56991.14453	505271.9	5410577.4
L5370.2	505271.9	5410575.5	18781.00000	435.40	0	48.848127	-86.928141	56839.30	56232.9	17.09	56856.39	56847.77734	56974.40655	56991.26953	505271.9	5410575.5
L5370.2	505271.9	5410574.4	18781.09961	431.14	0	48.848117	-86.928140	56838.61	56232.9	17.09	56855.70	56847.39844	56971.04160	56988.13672	505271.9	5410574.4
L5370.2	505272.0	5410573.1	18781.19922	435.34	0	48.848106	-86.928140	56837.76	56232.9	17.09	56854.85	56846.86328	56964.16870	56981.49609	505272.0	5410573.1
L5370.2	505272.0	5410573.1	18781.30078	444.87	0	48.848106	-86.928140	56837.53	56232.9	17.09	56854.61	56846.93359	56973.16194	56990.72656	505272.0	5410573.1
L5370.2	505272.0	5410571.6	18781.40039	446.41	0	48.848092	-86.928140	56836.81	56232.9	17.09	56853.89	56846.52344	56970.61455	56988.42188	505272.0	5410571.6
L5370.2	505272.0	5410571.6	18781.50000	447.30	0	48.848092	-86.928140	56836.46	56232.9	17.08	56853.55	56846.49219	56978.16353	56996.22266	505272.0	5410571.6
L5370.2	505272.0	5410569.7	18781.59961	444.43	0	48.848075	-86.928140	56835.55	56232.9	17.08	56852.63	56845.87891	56971.67097	56989.98047	505272.0	5410569.7
L5370.2	505272.0	5410568.2	18781.69922	445.04	0	48.848062	-86.928140	56835.03	56232.9	17.08	56852.11	56845.66797	56975.79120	56994.35547	505272.0	5410568.2
L5370.2	505272.0	5410566.9	18781.80078	445.05	0	48.848049	-86.928140	56834.31	56232.9	17.08	56851.39	56845.25000	56975.43983	56994.26563	505272.0	5410566.9
L5370.2	505272.0	5410565.7	18781.90039	440.84	0	48.848039	-86.928140	56833.66	56232.9	17.08	56850.74	56844.90625	56977.41325	56996.50781	505272.0	5410565.7
L5370.2	505272.0	5410565.7	18782.00000	439.73	0	48.848039	-86.928140	56833.13	56232.9	17.08	56850.21	56844.67969	56982.97425	57002.33984	505272.0	5410565.7
L5370.2	505272.0	5410564.3	18782.09961	438.53	0	48.848026	-86.928140	56832.43	56232.9	17.08	56849.51	56844.28125	56984.83387	57004.47656	505272.0	5410564.3
L5370.2	505272.0	5410562.5	18782.19922	435.13	0	48.848010	-86.928140	56831.73	56232.9	17.08	56848.81	56843.87891	56987.27207	57007.19531	505272.0	5410562.5
L5370.2	505272.0	5410562.5	18782.30078	445.08	0	48.848010	-86.928140	56830.81	56232.9	17.08	56847.89	56843.25781	56984.75948	57004.97266	505272.0	5410562.5
L5370.2	505272.0	5410560.7	18782.40039	445.86	0	48.847994	-86.928140	56830.06	56232.9	17.08	56847.14	56842.80469	56987.10826	57007.61328	505272.0	5410560.7
L5370.2	505272.0	5410560.7	18782.50000	432.29	0	48.847994	-86.928140	56828.93	56232.9	17.08	56846.01	56841.97266	56980.48825	57001.29297	505272.0	5410560.7
L5370.2	505272.0	5410559.2	18782.59961	432.22	0	48.847980	-86.928140	56828.34	56232.9	17.08	56845.42	56841.67578	56988.04050	57009.14453	505272.0	5410559.2
L5370.2	505272.0	5410557.9	18782.69922	429.76	0	48.847969	-86.928140	56827.30	56232.9	17.08	56844.38	56840.92578	56984.86742	57006.28125	505272.0	5410557.9
L5370.2	505272.0	5410557.9	18782.80078	438.19	0	48.847969	-86.928140	56826.54	56232.9	17.08	56843.62	56840.45703	56989.33030	57011.05859	505272.0	5410557.9
L5370.2	505272.0	5410556.6	18782.90039	438.16	0	48.847957	-86.928140	56825.47	56232.9	17.08	56842.55	56839.67578	56986.59078	57008.63672	505272.0	5410556.6
L5370.2	505272.0	5410555.3	18783.00000	426.70	0	48.847945	-86.928140	56824.56	56232.9	17.08	56841.64	56839.05469	56988.46977	57010.84375	505272.0	5410555.3
L5370.2	505272.0	5410553.8	18783.09961	425.93	0	48.847931	-86.928139	56823.44	56232.9	17.08	56840.52	56838.22266	56985.66092	57008.36328	505272.0	5410553.8
L5370.2	505272.0	5410553.8	18783.19922	426.11	0	48.847931	-86.928139	56822.57	56232.9	17.08	56839.65	56837.63672	56989.73247	57012.76953	505272.0	5410553.8
L5370.2	505272.1	5410552.4	18783.30078	427.30	0	48.847919	-86.928139	56821.48	56232.9	17.08	56838.56	56836.82813	56988.86177	57012.24219	505272.1	5410552.4
L5370.2	505272.1	5410550.9	18783.40039	429.82	0	48.847906	-86.928139	56820.30	56232.9	17.08	56837.38	56835.92969	56986.31606	57010.04297	505272.1	5410550.9
L5370.2	505272.1	5410550.9	18783.50000	429.19	0	48.847906	-86.928139	56818.84	56232.9	17.08	56835.92	56834.74609	56977.31368	57001.39453	505272.1	5410550.9
L5370.2	505272.1	5410549.6	18783.59961	427.79	0	48.847894	-86.928139	56817.93	56232.9	17.08	56835.01	56834.11328	56982.72620	57007.16406	505272.1	5410549.6
L5370.2	505272.1	5410548.3	18783.69922	427.68	0	48.847883	-86.928138	56816.95	56232.9	17.08	56834.03	56833.41016	56986.95584	57011.75781	505272.1	5410548.3
L5370.2	505272.1	5410548.3	18783.80078	430.46	0	48.847883	-86.928138	56815.64	56232.9	17.08	56832.72	56832.37109	56983.45849	57008.62891	505272.1	5410548.3
L5370.2	505272.1	5410547.2	18783.90039	434.84	0	48.847873	-86.928138	56814.15	56232.9	17.08	56831.23	56831.15234	56976.00121	57001.54688	505272.1	5410547.2
L5370.2	505272.2	5410545.7	18784.00000	439.08	0	48.847859	-86.928138	56812.91	56232.9	17.08	56829.99	56830.18359	56975.39265	57001.31641	505272.2	5410545.7
L5370.2	505272.2	5410544.3	18784.09961	439.16	0	48.847846	-86.928137	56811.81	56232.9	17.08	56828.89	56829.35156	56978.85938	57005.16797	505272.2	5410544.3
L5370.2	505272.2	5410544.3	18784.19922	441.60	0	48.847846	-86.928137	56810.65	56232.9	17.08	56827.73	56828.45703	56981.36372	57008.06250	505272.2	5410544.3
L5370.2	505272.2	5410543.0	18784.30078	439.93	0	48.847834	-86.928137	56808.76	56232.9	17.08	56825.85	56826.83984	56966.29795	56993.39063	505272.2	5410543.0
L5370.2	505272.3	5410541.5	18784.40039	439.15	0	48.847821	-86.928137	56807.29	56232.9	17.08	56824.38	56825.62891	56962.07368	56989.56641	505272.3	5410541.5
L5370.2	505272.3	5410541.5	18784.50000	437.89	0	48.847821	-86.928137	56805.98	56232.9	17.08	56823.07	56824.57813	56962.39373	56990.29297	505272.3	5410541.5
L5370.2	505272.3	5410539.5	18784.59961	437.52	0	48.847803	-86.928136	56804.77	56232.9	17.09	56821.86	56823.62500	56965.73891	56994.04688	505272.3	5410539.5
L5370.2	505272.3	5410538.1	18784.69922	439.51	0	48.847790	-86.928136	56803.20	56232.9	17.09	56820.29	56822.30859	56960.52906	56989.25000	505272.3	5410538.1
L5370.2	505272.3	5410536.5	18784.80078	438.65	0	48.847776	-86.928136	56801.70	56232.9	17.09	56818.79	56821.06250	56957.56759	56986.70703	505272.3	5410536.5
L5370.2	505272.3	5410536.5	18784.90039	437.60	0	48.847776	-86.928136	56800.09	56232.9	17.09	56817.18	56819.70313	56952.31527	56981.87891	505272.3	5410536.5
L5370.2	505272.4	5410534.9	18785.00000	434.33	0	48.847762	-86.928135	56798.70	56232.9	17.09	56815.79	56818.55859	56953.05916	56983.05078	505272.4	5410534.9
L5370.2	505272.4	5410534.9	18785.09961	433.29	0	48.847762	-86.928135	56796.96	56232.9	17.09	56814.05	56817.06641	56945.44994	56975.87500	505272.4	5410534.9
L5370.2	505272.4	5410532.9	18785.19922	434.24	0	48.847744	-86.928135	56795.20	56232.9	17.09	56812.29	56815.54688	56937.77339	56968.63281	505272.4	5410532.9
L5370.2	505272.4	5410531.4	18785.30078	435.78	0	48.847730	-86.928135	56793.36	56232.9	17.09	56810.45	56813.94922	56928.50588	56959.80469	505272.4	5410531.4
L5370.2	505272.4	5410531.4	18785.40039	438.96	0	48.847730	-86.928135	56791.64	56232.9	17.09	56808.73	56812.46484	56922.66237	56954.40625	505272.4	5410531.4
L5370.2	505272.4	5410529.8	18785.50000	438.48	0	48.847716	-86.928134	56790.07	56232.9	17.09	56807.16	56811.13281	56920.98157	56953.17188	505272.4	5410529.8
L5370.2	505272.4	5410528.2	18785.59961	440.21	0	48.847702	-86.928134	56788.18	56232.9	17.09	56805.27	56809.47656	56911.62622	56944.26563	505272.4	5410528.2
L5370.2	505272.4	5410528.2	18785.69922	440.26	0	48.847702	-86.928134	56786.62	56232.9	17.09	56803.71	56808.14453	56910.92736	56944.01953	505272.4	5410528.2
L5370.2	505272.4	5410526.5	18785.80078	439.36	0	48.847686	-86.928134	56785.00	56232.9	17.09	56802.09	56806.75391	56909.05867	56942.60547	505272.4	5410526.5
L5370.2	505272.4	5410525.2	18785.90039	437.19	0	48.847675	-86.928135	56783.24	56232.9	17.09	56800.33	56805.21875	56903.98998	56937.99609	505272.4	5410525.2
L5370.2	505272.4	5410525.2	18786.00000	424.42	0	48.847675	-86.928135	56781.28	56232.9	17.09	56798.37	56803.48047	56894.19363	56928.66016	505272.4	5410525.2
L5370.2	505272.4	5410523.8	18786.09961	423.42	0	48.847662	-86.928135	56779.54	56232.9	17.09	56796.63	56801.96094	56890.21384	56925.14453	505272.4	5410523.8
L5370.2	505272.4	5410522.2	18786.19922	427.42	0	48.847648	-86.928135	56777.66	56232.9	17.10	56794.76	56800.30859	56883.22816	56918.62109	505272.4	5410522.2
L5370.2	505272.4	5410521.1	18786.30078	428.49	0	48.847638	-86.928135	56775.76	56232.9	17.10	56792.86	56798.62109	56875.73156	56911.59375	505272.4	5410521.1
L5370.2	505272.4	5410521.1	18786.40039	426.07	0	48.847638	-86.928135	56773.92	56232.9	17.10	56791.02	56796.99219	56869.96701	56906.29688	505272.4	5410521.1
L5370.2	505272.4	5410519.3	18786.50000	427.03	0	48.847621	-86.928135	56771.92	56232.9	17.10	56789.03	56795.21484	56860.63179	56897.42969	505272.4	5410519.3
L5370.2	505272.4	5410518.0	18786.59961	426.04	0	48.847610	-86.928135	56770.11	56232.9	17.11	56787.22	56793.60938	56856.00419	56893.27344	505272.4	5410518.0
L5370.2	505272.4	5410518.0	18786.69922	426.86	0	48.847610	-86.928135	56768.13	56232.9	17.11	56785.24	56791.83203	56847.25953	56885.00000	505272.4	5410518.0
L5370.2	505272.4	5410516.1	18786.80078	428.15	0	48.847592	-86.928135	56766.32	56232.9	17.11	56783.44	56790.23047	56843.17830	56881.38672	505272.4	5410516.1
L5370.2	505272.4	5410514.5	18786.90039	428.00	0	48.847579	-86.928135	56764.18	56232.9	17.12	56781.30	56788.28906	56830.65944	56869.34375	505272.4	5410514.5
L5370.2	505272.4	5410514.5	18787.00000	426.29	0	48.847579	-86.928135	56762.32	56232.9	17.12	56779.44	56786.62109	56825.27344	56864.42578	505272.4	5410514.5
L5370.2	505272.4	5410514.5	18787.09961	426.43	0	48.847579	-86.928135	56760.54	56232.9	17.12	56777.65	56785.02344	56821.71532	56861.33984	505272.4	5410514.5
L5370.2	505272.4	5410511.8	18787.19922	426.04	0	48.847554	-86.928135	56758.68	56232.9	17.11	56775.79	56783.35156	56816.44032	56856.53125	505272.4	5410511.8
L5370.2	505272.4	5410510.5	18787.30078	424.34	0	48.847542	-86.928135	56756.34	56232.9	17.11	56773.45	56781.19531	56799.11270	56839.67578	505272.4	5410510.5
L5370.2	505272.4	5410510.5	18787.40039	421.72	0	48.847542	-86.928135	56754.28	56232.9	17.11	56771.39	56779.32031	56788.82294	56829.85156	505272.4	5410510.5
L5370.2	505272.4	5410508.9	18787.50000	423.63	0	48.847528	-86.928135	56752.24	56232.9	17.10	56769.34	56777.44922	56778.75592	56820.25000	505272.4	5410508.9
L5370.2	505272.4	5410507.8	18787.59961	422.35	0	48.847518	-86.928135	56750.39	56232.9	17.10	56767.49	56775.77344	56773.66571	56815.62500	505272.4	5410507.8
L5370.2	505272.4	5410507.8	18787.69922	427.73	0	48.847518	-86.928135	56748.24	56232.9	17.10	56765.34	56773.79297	56760.95214	56803.37109	505272.4	5410507.8
L5370.2	505272.4	5410506.2	18787.80078	428.08	0	48.847503	-86.928135	56746.16	56232.9	17.10	56763.26	56771.88281	56749.89610	56792.77344	505272.4	5410506.2
L5370.2	505272.4	5410504.6	18787.90039	428.61	0	48.847489	-86.928135	56744.42	56232.9	17.09	56761.51	56770.30078	56747.01175	56790.34375	505272.4	5410504.6
L5370.2	505272.4	5410503.5	18788.00000	428.88	0	48.847479	-86.928135	56742.56	56232.9	17.09	56759.65	56768.60156	56741.20762	56784.99219	505272.4	5410503.5
L5370.2	505272.4	5410503.5	18788.09961	428.03	0	48.847479	-86.928135	56740.60	56232.9	17.09	56757.69	56766.80078	56732.70999	56776.94141	505272.4	5410503.5
L5370.2	505272.4	5410502.2	18788.19922	428.23	0	48.847468	-86.928135	56738.48	56232.9	17.09	56755.58	56764.84766	56720.23609	56764.91016	505272.4	5410502.2
L5370.2	505272.4	5410500.8	18788.30078	421.37	0	48.847455	-86.928135	56736.43	56232.9	17.10	56753.53	56762.94922	56709.04234	56754.15625	505272.4	5410500.8
L5370.2	505272.4	5410500.8	18788.40039	423.39	0	48.847455	-86.928135	56734.52	56232.9	17.10	56751.62	56761.18750	56701.11554	56746.66406	505272.4	5410500.8

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5370.2	505272.4	5410499.4	18788.50000	445.29	0	48.847443	-86.928135	56732.67	56232.9	17.10	56749.77	56759.48438	56694.41845	56740.39844	505272.4	5410499.4
L5370.2	505272.4	5410497.9	18788.59961	444.96	0	48.847429	-86.928135	56730.95	56232.9	17.10	56748.05	56757.90625	56690.68648	56737.08984	505272.4	5410497.9
L5370.2	505272.4	5410497.9	18788.69922	444.59	0	48.847429	-86.928135	56729.14	56232.9	17.10	56746.25	56756.24609	56684.61294	56731.43359	505272.4	5410497.9
L5370.2	505272.4	5410496.2	18788.80078	444.44	0	48.847413	-86.928135	56727.03	56232.9	17.11	56744.13	56754.25781	56670.13672	56717.37109	505272.4	5410496.2
L5370.2	505272.4	5410494.8	18788.90039	445.87	0	48.847401	-86.928135	56725.06	56232.9	17.11	56742.16	56752.42188	56659.05397	56706.69531	505272.4	5410494.8
L5370.2	505272.5	5410493.1	18789.00000	437.50	0	48.847385	-86.928135	56722.96	56232.9	17.11	56740.07	56750.46094	56644.54941	56692.58984	505272.5	5410493.1
L5370.2	505272.5	5410493.1	18789.09961	434.62	0	48.847385	-86.928135	56721.13	56232.9	17.11	56738.25	56748.76172	56636.40751	56684.83984	505272.5	5410493.1
L5370.2	505272.4	5410491.6	18789.19922	442.36	0	48.847373	-86.928135	56719.62	56232.9	17.11	56736.74	56747.37500	56635.61020	56684.42578	505272.4	5410491.6
L5370.2	505272.4	5410491.6	18789.30078	440.63	0	48.847373	-86.928135	56717.76	56232.9	17.12	56734.87	56745.62109	56625.28258	56674.47266	505272.4	5410491.6
L5370.2	505272.4	5410488.8	18789.40039	439.73	0	48.847347	-86.928135	56715.76	56232.9	17.12	56732.88	56743.74609	56611.43732	56660.99609	505272.4	5410488.8
L5370.2	505272.4	5410488.8	18789.50000	436.63	0	48.847347	-86.928135	56713.79	56232.9	17.12	56730.91	56741.88672	56597.57231	56647.49219	505272.4	5410488.8
L5370.2	505272.4	5410487.4	18789.59961	435.76	0	48.847334	-86.928135	56712.14	56232.9	17.12	56729.27	56740.35156	56591.46144	56641.73047	505272.4	5410487.4
L5370.2	505272.4	5410486.0	18789.69922	435.71	0	48.847322	-86.928135	56710.45	56232.9	17.12	56727.58	56738.76563	56583.52491	56634.13281	505272.4	5410486.0
L5370.2	505272.4	5410486.0	18789.80078	436.84	0	48.847322	-86.928135	56708.77	56232.9	17.13	56725.90	56737.18359	56575.24969	56626.19141	505272.4	5410486.0
L5370.2	505272.4	5410484.3	18789.90039	433.98	0	48.847307	-86.928135	56707.20	56232.9	17.13	56724.33	56735.70703	56569.12920	56620.39063	505272.4	5410484.3
L5370.2	505272.4	5410484.3	18790.00000	420.11	0	48.847307	-86.928135	56705.56	56232.9	17.13	56722.69	56734.16016	56560.61510	56612.18750	505272.4	5410484.3
L5370.2	505272.4	5410481.4	18790.09961	421.33	0	48.847281	-86.928135	56704.02	56232.9	17.13	56721.15	56732.70703	56553.96230	56605.83594	505272.4	5410481.4
L5370.2	505272.4	5410481.4	18790.19922	421.61	0	48.847281	-86.928135	56702.15	56232.9	17.13	56719.27	56730.91016	56538.08423	56590.24609	505272.4	5410481.4
L5370.2	505272.4	5410480.1	18790.30078	431.43	0	48.847269	-86.928135	56700.84	56232.9	17.12	56717.96	56729.68359	56535.84845	56588.28906	505272.4	5410480.1
L5370.2	505272.4	5410478.3	18790.40039	431.43	0	48.847253	-86.928135	56698.96	56232.9	17.12	56716.09	56727.89063	56518.81540	56571.52344	505272.4	5410478.3
L5370.2	505272.4	5410478.3	18790.50000	430.07	0	48.847253	-86.928135	56697.75	56232.9	17.12	56714.87	56726.74219	56517.39902	56570.36328	505272.4	5410478.3
L5370.2	505272.5	5410477.1	18790.59961	422.58	0	48.847242	-86.928135	56696.19	56232.9	17.12	56713.31	56725.25000	56506.68202	56559.89063	505272.5	5410477.1
L5370.2	505272.5	5410475.7	18790.69922	422.72	0	48.847229	-86.928135	56694.58	56232.9	17.12	56711.70	56723.70703	56493.94079	56547.37891	505272.5	5410475.7
L5370.2	505272.5	5410474.3	18790.80078	424.68	0	48.847217	-86.928135	56693.34	56232.9	17.11	56710.46	56722.52734	56489.72198	56543.37891	505272.5	5410474.3
L5370.2	505272.5	5410474.3	18790.90039	427.48	0	48.847217	-86.928135	56692.14	56232.9	17.11	56709.25	56721.37500	56485.45825	56539.32031	505272.5	5410474.3
L5370.2	505272.5	5410472.8	18791.00000	430.32	0	48.847203	-86.928134	56690.83	56232.9	17.11	56707.94	56720.12109	56477.86462	56531.91797	505272.5	5410472.8
L5370.2	505272.5	5410472.8	18791.09961	425.54	0	48.847203	-86.928134	56689.62	56232.9	17.11	56706.73	56718.96094	56471.95656	56526.18750	505272.5	5410472.8
L5370.2	505272.5	5410471.7	18791.19922	425.89	0	48.847193	-86.928134	56688.66	56232.9	17.12	56705.78	56718.05469	56471.74424	56526.13672	505272.5	5410471.7
L5370.2	505272.5	5410470.6	18791.30078	426.14	0	48.847183	-86.928134	56687.18	56232.9	17.12	56704.30	56716.62109	56457.34526	56511.89063	505272.5	5410470.6
L5370.2	505272.5	5410468.7	18791.40039	427.45	0	48.847166	-86.928134	56685.96	56232.9	17.13	56703.08	56715.43750	56448.61627	56503.29688	505272.5	5410468.7
L5370.2	505272.5	5410468.7	18791.50000	432.28	0	48.847166	-86.928134	56684.89	56232.9	17.13	56702.03	56714.42188	56443.28195	56498.08594	505272.5	5410468.7
L5370.2	505272.5	5410467.4	18791.59961	432.75	0	48.847154	-86.928134	56684.14	56232.9	17.13	56701.28	56713.70703	56444.60093	56499.51172	505272.5	5410467.4
L5370.2	505272.5	5410465.9	18791.69922	431.08	0	48.847141	-86.928134	56683.23	56232.9	17.14	56700.36	56712.81250	56440.74213	56495.74219	505272.5	5410465.9
L5370.2	505272.5	5410465.9	18791.80078	430.90	0	48.847141	-86.928134	56681.88	56232.9	17.14	56699.03	56711.50781	56425.65995	56480.73828	505272.5	5410465.9
L5370.2	505272.6	5410464.2	18791.90039	429.96	0	48.847126	-86.928134	56680.93	56232.9	17.15	56698.08	56710.57813	56419.21494	56474.35547	505272.6	5410464.2
L5370.2	505272.6	5410462.8	18792.00000	426.25	0	48.847113	-86.928133	56680.02	56232.8	17.15	56697.17	56709.68359	56412.84804	56468.03516	505272.6	5410462.8
L5370.2	505272.6	5410461.5	18792.09961	423.54	0	48.847101	-86.928133	56679.45	56232.8	17.15	56696.60	56709.12891	56414.09754	56469.31641	505272.6	5410461.5
L5370.2	505272.6	5410461.5	18792.19922	422.83	0	48.847101	-86.928133	56679.29	56232.8	17.15	56696.45	56708.98828	56424.96937	56480.19922	505272.6	5410461.5
L5370.2	505272.6	5410460.7	18792.30078	420.00	0	48.847094	-86.928133	56679.05	56232.8	17.15	56696.20	56708.74219	56432.37979	56487.60938	505272.6	5410460.7
L5370.2	505272.6	5410459.3	18792.40039	420.20	0	48.847082	-86.928133	56678.63	56232.8	17.15	56695.78	56708.32422	56434.56380	56489.77734	505272.6	5410459.3
L5370.2	505272.6	5410458.1	18792.50000	422.05	0	48.847071	-86.928133	56678.36	56232.8	17.16	56695.51	56708.05469	56439.56605	56494.74609	505272.6	5410458.1
L5370.2	505272.6	5410456.7	18792.59961	421.07	0	48.847058	-86.928133	56677.69	56232.8	17.16	56694.85	56707.39063	56433.80231	56488.93359	505272.6	5410456.7
L5370.2	505272.6	5410456.7	18792.69922	423.09	0	48.847058	-86.928133	56677.23	56232.8	17.16	56694.39	56706.92188	56432.10966	56487.17188	505272.6	5410456.7
L5370.2	505272.6	5410455.2	18792.80078	421.96	0	48.847044	-86.928133	56676.90	56232.8	17.16	56694.06	56706.57813	56432.72647	56487.70703	505272.6	5410455.2
L5370.2	505272.6	5410455.2	18792.90039	423.46	0	48.847044	-86.928133	56676.48	56232.8	17.16	56693.64	56706.14453	56430.11933	56485.00000	505272.6	5410455.2
L5370.2	505272.6	5410454.1	18793.00000	421.16	0	48.847035	-86.928133	56676.32	56232.8	17.16	56693.48	56705.96484	56433.09165	56487.85547	505272.6	5410454.1
L5370.2	505272.6	5410452.7	18793.09961	424.16	0	48.847023	-86.928133	56675.95	56232.8	17.16	56693.10	56705.56250	56429.57252	56484.20703	505272.6	5410452.7
L5370.2	505272.6	5410451.4	18793.19922	423.72	0	48.847010	-86.928133	56675.91	56232.8	17.15	56693.06	56705.49609	56433.64870	56488.13281	505272.6	5410451.4
L5370.2	505272.6	5410450.0	18793.30078	424.24	0	48.846998	-86.928133	56675.72	56232.8	17.15	56692.87	56705.27734	56432.99943	56487.31641	505272.6	5410450.0
L5370.2	505272.6	5410450.0	18793.40039	426.00	0	48.846998	-86.928133	56675.68	56232.9	17.15	56692.83	56705.20703	56435.17395	56489.30859	505272.6	5410450.0
L5370.2	505272.6	5410448.5	18793.50000	426.29	0	48.846985	-86.928133	56675.63	56232.9	17.14	56692.77	56705.10938	56435.90140	56489.83594	505272.6	5410448.5
L5370.2	505272.6	5410448.5	18793.59961	424.10	0	48.846985	-86.928133	56675.79	56232.9	17.14	56692.93	56705.23047	56441.22360	56494.94141	505272.6	5410448.5
L5370.2	505272.6	5410445.8	18793.69922	426.61	0	48.846961	-86.928133	56675.73	56232.9	17.14	56692.87	56705.12891	56440.08062	56493.56641	505272.6	5410445.8
L5370.2	505272.6	5410445.8	18793.80078	425.31	0	48.846961	-86.928133	56675.90	56232.9	17.14	56693.03	56705.24609	56443.54602	56496.78125	505272.6	5410445.8
L5370.2	505272.7	5410444.6	18793.90039	427.07	0	48.846950	-86.928133	56676.14	56232.9	17.13	56693.27	56705.43750	56448.10671	56501.07422	505272.7	5410444.6
L5370.2	505272.7	5410442.7	18794.00000	426.63	0	48.846932	-86.928132	56676.36	56232.9	17.13	56693.49	56705.60547	56451.25636	56503.94141	505272.7	5410442.7
L5370.2	505272.7	5410442.7	18794.09961	429.45	0	48.846932	-86.928132	56676.20	56232.9	17.13	56693.34	56705.40234	56444.20174	56496.58594	505272.7	5410442.7
L5370.2	505272.7	5410441.3	18794.19922	428.08	0	48.846920	-86.928132	56676.68	56232.9	17.14	56693.82	56705.82422	56452.10395	56504.17188	505272.7	5410441.3
L5370.2	505272.7	5410439.5	18794.30078	427.46	0	48.846904	-86.928132	56677.28	56232.9	17.14	56694.42	56706.36328	56462.14709	56513.88281	505272.7	5410439.5
L5370.2	505272.7	5410439.5	18794.40039	429.62	0	48.846904	-86.928132	56677.77	56232.9	17.15	56694.91	56706.79297	56468.55820	56519.94531	505272.7	5410439.5
L5370.2	505272.7	5410438.0	18794.50000	430.04	0	48.846890	-86.928132	56678.05	56232.8	17.15	56695.20	56707.01563	56469.08613	56520.10938	505272.7	5410438.0
L5370.2	505272.7	5410436.2	18794.59961	429.90	0	48.846874	-86.928132	56678.29	56232.8	17.15	56695.45	56707.19531	56467.76814	56518.41016	505272.7	5410436.2
L5370.2	505272.7	5410436.2	18794.69922	427.92	0	48.846874	-86.928132	56679.02	56232.8	17.16	56696.18	56707.85547	56477.69642	56527.94141	505272.7	5410436.2
L5370.2	505272.7	5410433.1	18794.80078	429.61	0	48.846846	-86.928132	56679.68	56232.8	17.16	56696.84	56708.44141	56485.05245	56534.88281	505272.7	5410433.1
L5370.2	505272.7	5410433.1	18794.90039	428.22	0	48.846846	-86.928132	56680.55	56232.8	17.17	56697.72	56709.24609	56497.14502	56546.55078	505272.7	5410433.1
L5370.2	505272.7	5410431.6	18795.00000	429.88	0	48.846832	-86.928132	56681.18	56232.8	17.17	56698.35	56709.79688	56502.16889	56551.12891	505272.7	5410431.6
L5370.2	505272.7	5410431.6	18795.09961	432.99	0	48.846832	-86.928132	56681.93	56232.8	17.17	56699.10	56710.46484	56509.44610	56557.94922	505272.7	5410431.6
L5370.2	505272.7	5410430.3	18795.19922	437.90	0	48.846821	-86.928132	56682.31	56232.8	17.17	56699.48	56710.76172	56506.66955	56554.69922	505272.7	5410430.3
L5370.2	505272.7	5410428.9	18795.30078	440.87	0	48.846808	-86.928131	56683.18	56232.8	17.17	56700.35	56711.54297	56515.48628	56563.02734	505272.7	5410428.9
L5370.2	505272.7	5410428.9	18795.40039	441.23	0	48.846808	-86.928131	56683.84	56232.8	17.17	56701.01	56712.11328	56518.30857	56565.34766	505272.7	5410428.9
L5370.2	505272.8	5410427.6	18795.50000	442.86	0	48.846796	-86.928131	56684.70	56232.8	17.17	56701.87	56712.88281	56525.46661	56571.99219	505272.8	5410427.6
L5370.2	505272.8	5410426.0	18795.59961	443.73	0	48.846782	-86.928131	56685.86	56232.8	17.16	56703.02	56713.94141	56539.24279	56585.23828	505272.8	5410426.0
L5370.2	505272.8	5410426.0	18795.69922	443.78	0	48.846782	-86.928131	56686.78	56232.8	17.16	56703.94	56714.76563	56546.57793	56592.02734	505272.8	5410426.0
L5370.2	505272.8	5410424.1	18795.80078	441.21	0	48.846765	-86.928131	56687.44	56232.8	17.16	56704.60	56715.32813	56546.73720	56591.62891	505272.8	5410424.1
L5370.2	505272.8	5410423.0	18795.90039	437.29	0	48.846755	-86.928131	56688.48	56232.8	17.16	56705.64	56716.26953	56555.83720	56600.16016	505272.8	5410423.0
L5370.2	505272.8	5410423.0	18796.00000	436.84	0	48.846755	-86.928131	56689.45	56232.8	17.16	56706.61	56717.13672	56562.58049	56606.32031	505272.8	5410423.0
L5370.2	505272.8	5410421.4	18796.09961	437.86	0	48.846741	-86.928131	56690.51	56232.8	17.16	56707.67	56718.09375	56571.01199	56614.15625	505272.8	5410421.4
L5370.2	505272.8	5410419.8	18796.19922	439.97	0	48.846726	-86.928131	56691.50	56232.8	17.17	56708.66	56718.97656	56577.12868	56619.66797	505272.8	5410419.8
L5370.2	505272.8	5410419.8	18796.30078	439.62	0	48.846726	-86.928131	56692.63	56232.8	17.17	56709.80	56720.01172	56586.48512	56628.40234	505272.8	5410419.8
L5370.2	505272.8	5410418.2	18796.40039	440.67	0	48.846712	-86.928131	56693.74	56232.8	17.18	56710.91	56721.01172	56594.57582	56635.86328	505272.8	5410418.2
L5370.2	505272.8	5410416.6	18796.50000	440.09	0	48.846698	-86.928131	56695.05	56232.8	17.18	56712.23	56722.22266	56607.45887	56648.10547	505272.8	5410416.6
L5370.2	505272.8	5410414.9	18796.59961	439.27	0	48.846682	-86.928131	56696.14	56232.8	17.18	56713.33	56723.21094	56614.34150	56654.33594	505272.8	5410414.9
L5370.2	505272.8	5410414.9	18796.69922	437.37	0	48.846682	-86.928131	56697.34	56232.8	17.19	56714.53	56724.29688	56623.29426	56662.62500	505272.8	5410414.9
L5370.2	505272.8	5410413.2	18796.80078	431.80	0	48.846667	-86.928131	56698.49	56232.8	17.19	56715.68	56725.33203	56630.56697	56669.22266	505272.8	5410413.2
L5370.2	505272.8	5410411.7	18796.90039	419.07	0	48.846654	-86.928131	56699.71	56232.8	17.20	56716.91	56726.44531	56639.45179	56677.42578	505272.8	5410411.7
L5370.2	505272.8	5410410.3	18797.00000	419.37	0	48.846641	-86.928131	56700.79	56232.8	17.20	56717.99	56727.41016	56644.18669	56681.46875	505272.8	5410410.3
L5370.2	505272.8	5410410.3	18797.09961	424.39	0	48.846641	-86.928131	56702.16	56232.8	17.20	56719.36	56728.66016	56655.86078	56692.44141	505272.8	5410410.3
L5370.2	505272.8	5410409.2	18797.19922	427.26	0	48.846631	-86.928131	56703.54	56232.8	17.20	56720.74	56729.92188	56667.45460	56703.32813	505272.8	5410409.2
L5370.2	505272.8	5410407.5	18797.30078	428.55	0	48.846616	-86.928132	56704.92	56232.8	17.19	56722.11	56731.17188	56678.48794	56713.64453	505272.8	5410407.5
L5370.2	505272.8	5410406.0	18797.40039	426.55	0	48.846602	-86.928132	56706.15	56232.8	17.19	56723.34	56732.27734	56685.71399	56720.14453	505272.8	5410406.0
L5370.2	505272.8	5410406.0	18797.50000	428.17	0	48.846602	-86.928132	56707.25	56232.8	17.19	56724.44	56733.25391	56689.40702	56723.10547	505272.8	5410406.0
L5370.2	505272.8	5410404.5	18797.59961	426.66	0	48.846589	-86.928132	56708.54	56232.8	17.19	56725.73	56734.42188	56697.63800	56730.59766	505272.8	5410404.5
L5370.2	505272.8	5410402.8	18797.69922	426.68	0	48.846574	-86.928132	56709.59	56232.8	17.19	56726.78	56735.34766	56699.61471	56731.82813	505272.8	5410402.8

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5370.2	505272.8	5410402.8	18797.80078	424.81	0	48.846574	-86.928132	56711.04	56232.8	17.18	56728.23	56736.67188	56711.45617	56742.91797	505272.8	5410402.8
L5370.2	505272.8	5410401.2	18797.90039	424.35	0	48.846559	-86.928131	56712.30	56232.8	17.18	56729.48	56737.79688	56718.09427	56748.80078	505272.8	5410401.2
L5370.2	505272.8	5410399.7	18798.00000	425.30	0	48.846545	-86.928131	56714.11	56232.8	17.18	56731.29	56739.48047	56738.66585	56768.60938	505272.8	5410399.7
L5370.2	505272.8	5410399.7	18798.09961	424.79	0	48.846545	-86.928131	56715.16	56232.8	17.18	56732.34	56740.40234	56739.99387	56769.17188	505272.8	5410399.7
L5370.2	505272.8	5410398.2	18798.19922	427.08	0	48.846532	-86.928131	56716.45	56232.8	17.18	56733.64	56741.57422	56747.50248	56775.91016	505272.8	5410398.2
L5370.2	505272.8	5410396.6	18798.30078	428.53	0	48.846518	-86.928131	56717.73	56232.8	17.18	56734.92	56742.72656	56754.42255	56782.05469	505272.8	5410396.6
L5370.2	505272.8	5410396.6	18798.40039	424.76	0	48.846518	-86.928131	56719.08	56232.8	17.18	56736.26	56743.93750	56762.78752	56789.64063	505272.8	5410396.6
L5370.2	505272.8	5410395.0	18798.50000	425.80	0	48.846503	-86.928131	56720.34	56232.8	17.18	56737.52	56745.07031	56769.09732	56795.17188	505272.8	5410395.0
L5370.2	505272.9	5410393.7	18798.59961	426.15	0	48.846491	-86.928130	56721.44	56232.8	17.19	56738.62	56746.04297	56771.36067	56796.65234	505272.9	5410393.7
L5370.2	505272.9	5410392.2	18798.69922	424.76	0	48.846478	-86.928130	56722.94	56232.8	17.19	56740.13	56747.42188	56783.93400	56808.43750	505272.9	5410392.2
L5370.2	505272.9	5410392.2	18798.80078	423.61	0	48.846478	-86.928130	56724.24	56232.8	17.19	56741.43	56748.59375	56791.24394	56814.96094	505272.9	5410392.2
L5370.2	505272.9	5410390.5	18798.90039	422.61	0	48.846463	-86.928130	56725.64	56232.8	17.19	56742.83	56749.86328	56801.10699	56824.03516	505272.9	5410390.5
L5370.2	505272.9	5410389.4	18799.00000	421.25	0	48.846453	-86.928130	56726.82	56232.8	17.19	56744.01	56750.91406	56805.49430	56827.63672	505272.9	5410389.4
L5370.2	505272.9	5410388.3	18799.09961	422.90	0	48.846443	-86.928130	56728.02	56232.8	17.19	56745.21	56751.98438	56810.46107	56831.81250	505272.9	5410388.3
L5370.2	505272.9	5410387.1	18799.19922	425.95	0	48.846432	-86.928130	56729.14	56232.8	17.20	56746.34	56752.98828	56813.76231	56834.32813	505272.9	5410387.1
L5370.2	505272.9	5410385.9	18799.30078	423.62	0	48.846421	-86.928130	56730.36	56232.8	17.20	56747.56	56754.07813	56819.44032	56839.21484	505272.9	5410385.9
L5370.2	505272.9	5410385.9	18799.40039	421.88	0	48.846421	-86.928130	56731.38	56232.8	17.20	56748.59	56754.98047	56820.47061	56839.46094	505272.9	5410385.9
L5370.2	505272.9	5410384.1	18799.50000	434.14	0	48.846405	-86.928129	56732.79	56232.8	17.21	56750.00	56756.26172	56831.20641	56849.41016	505272.9	5410384.1
L5370.2	505272.9	5410384.1	18799.59961	435.76	0	48.846405	-86.928129	56734.16	56232.8	17.21	56751.37	56757.50391	56841.10117	56858.51953	505272.9	5410384.1
L5370.2	505272.9	5410382.6	18799.69922	437.11	0	48.846392	-86.928129	56735.42	56232.8	17.21	56752.63	56758.63672	56848.41065	56865.04688	505272.9	5410382.6
L5370.2	505273.0	5410381.1	18799.80078	434.92	0	48.846378	-86.928129	56736.72	56232.8	17.21	56753.93	56759.80859	56856.92329	56872.78125	505273.0	5410381.1
L5370.2	505273.0	5410379.7	18799.90039	434.25	0	48.846365	-86.928129	56737.69	56232.8	17.22	56754.91	56760.66406	56857.60011	56872.68359	505273.0	5410379.7
L5370.2	505273.0	5410379.7	18800.00000	435.66	0	48.846365	-86.928129	56738.98	56232.8	17.22	56756.20	56761.82813	56866.30092	56880.61328	505273.0	5410379.7
L5370.2	505273.0	5410378.2	18800.09961	437.67	0	48.846352	-86.928129	56739.77	56232.8	17.22	56756.99	56762.49219	56862.66781	56876.21094	505273.0	5410378.2
L5370.2	505273.0	5410376.7	18800.19922	438.71	0	48.846339	-86.928129	56740.92	56232.8	17.22	56758.14	56763.51953	56868.34421	56881.12500	505273.0	5410376.7
L5370.2	505273.0	5410376.7	18800.30078	440.71	0	48.846339	-86.928129	56742.01	56232.8	17.22	56759.23	56764.48438	56872.77997	56884.80078	505273.0	5410376.7
L5370.2	505273.0	5410375.0	18800.40039	440.29	0	48.846324	-86.928128	56742.92	56232.8	17.22	56760.14	56765.26953	56872.96960	56884.23438	505273.0	5410375.0
L5370.2	505273.0	5410373.8	18800.50000	441.08	0	48.846312	-86.928128	56743.95	56232.8	17.22	56761.17	56766.17969	56876.47042	56886.98828	505273.0	5410373.8
L5370.2	505273.1	5410372.3	18800.59961	438.02	0	48.846299	-86.928128	56745.04	56232.8	17.22	56762.26	56767.14844	56881.78488	56891.55859	505273.1	5410372.3
L5370.2	505273.1	5410372.3	18800.69922	434.53	0	48.846299	-86.928128	56745.88	56232.8	17.22	56763.10	56767.86719	56881.12715	56890.16406	505273.1	5410372.3
L5370.2	505273.1	5410371.0	18800.80078	430.24	0	48.846287	-86.928128	56746.81	56232.8	17.22	56764.03	56768.67578	56883.05887	56891.36719	505273.1	5410371.0
L5370.2	505273.1	5410371.0	18800.90039	429.46	0	48.846287	-86.928128	56747.96	56232.8	17.22	56765.18	56769.70703	56890.85943	56898.44141	505273.1	5410371.0
L5370.2	505273.1	5410369.2	18801.00000	428.10	0	48.846271	-86.928128	56749.02	56232.8	17.22	56766.24	56770.65234	56896.74127	56903.60938	505273.1	5410369.2
L5370.2	505273.1	5410367.5	18801.09961	427.72	0	48.846256	-86.928127	56750.15	56232.8	17.22	56767.37	56771.66406	56904.73713	56910.89453	505273.1	5410367.5
L5370.2	505273.1	5410366.5	18801.19922	424.93	0	48.846247	-86.928127	56750.68	56232.8	17.22	56767.90	56772.07813	56898.00402	56903.46094	505273.1	5410366.5
L5370.2	505273.1	5410366.5	18801.30078	422.22	0	48.846247	-86.928127	56751.49	56232.8	17.23	56768.72	56772.78516	56898.93360	56903.69922	505273.1	5410366.5
L5370.2	505273.1	5410365.0	18801.40039	422.76	0	48.846233	-86.928127	56752.14	56232.8	17.23	56769.37	56773.32422	56895.96340	56900.04297	505273.1	5410365.0
L5370.2	505273.2	5410363.4	18801.50000	422.94	0	48.846219	-86.928127	56752.82	56232.8	17.23	56770.05	56773.89063	56894.12986	56897.53516	505273.2	5410363.4
L5370.2	505273.2	5410363.4	18801.59961	425.38	0	48.846219	-86.928127	56753.63	56232.8	17.23	56770.86	56774.58984	56895.95380	56898.69141	505273.2	5410363.4
L5370.2	505273.2	5410361.9	18801.69922	429.18	0	48.846206	-86.928127	56754.36	56232.8	17.23	56771.59	56775.21094	56896.15870	56898.23828	505273.2	5410361.9
L5370.2	505273.2	5410360.6	18801.80078	430.37	0	48.846194	-86.928127	56755.13	56232.8	17.24	56772.36	56775.87109	56897.76725	56899.19922	505273.2	5410360.6
L5370.2	505273.2	5410359.5	18801.90039	431.89	0	48.846183	-86.928126	56755.98	56232.8	17.24	56773.21	56776.61719	56901.78950	56902.58203	505273.2	5410359.5
L5370.2	505273.2	5410359.5	18802.00000	429.98	0	48.846183	-86.928126	56756.51	56232.8	17.24	56773.75	56777.05078	56898.42010	56898.58594	505273.2	5410359.5
L5370.2	505273.2	5410358.1	18802.09961	431.20	0	48.846171	-86.928126	56757.04	56232.8	17.24	56774.28	56777.47656	56895.20722	56894.75391	505273.2	5410358.1
L5370.2	505273.2	5410356.4	18802.19922	432.65	0	48.846156	-86.928126	56757.96	56232.8	17.24	56775.20	56778.29297	56902.21357	56901.15234	505273.2	5410356.4
L5370.2	505273.2	5410354.9	18802.30078	430.85	0	48.846143	-86.928126	56758.55	56232.8	17.24	56775.79	56778.78125	56901.33240	56899.67578	505273.2	5410354.9
L5370.2	505273.2	5410354.9	18802.40039	432.59	0	48.846143	-86.928126	56759.32	56232.8	17.24	56776.57	56779.46094	56905.64345	56903.39844	505273.2	5410354.9
L5370.2	505273.2	5410353.7	18802.50000	430.20	0	48.846132	-86.928126	56759.65	56232.8	17.24	56776.89	56779.68359	56898.79950	56895.98047	505273.2	5410353.7
L5370.2	505273.2	5410352.3	18802.59961	432.67	0	48.846120	-86.928126	56760.09	56232.8	17.25	56777.34	56780.03516	56895.63981	56892.25391	505273.2	5410352.3
L5370.2	505273.2	5410350.6	18802.69922	433.55	0	48.846104	-86.928126	56760.48	56232.8	17.25	56777.72	56780.32031	56891.13404	56887.19922	505273.2	5410350.6
L5370.2	505273.2	5410350.6	18802.80078	434.43	0	48.846104	-86.928126	56761.03	56232.8	17.25	56778.28	56780.78516	56891.56919	56887.09375	505273.2	5410350.6
L5370.2	505273.2	5410349.3	18802.90039	423.01	0	48.846092	-86.928126	56761.61	56232.8	17.25	56778.86	56781.27344	56892.91998	56887.91406	505273.2	5410349.3
L5370.2	505273.2	5410347.9	18803.00000	422.51	0	48.846080	-86.928126	56761.98	56232.8	17.25	56779.23	56781.55469	56889.40009	56883.87500	505273.2	5410347.9
L5370.2	505273.2	5410347.9	18803.09961	429.97	0	48.846080	-86.928126	56762.56	56232.8	17.25	56779.81	56782.04297	56891.57080	56885.53906	505273.2	5410347.9
L5370.2	505273.3	5410346.5	18803.19922	431.04	0	48.846067	-86.928126	56762.85	56232.8	17.25	56780.10	56782.24609	56886.85418	56880.33203	505273.3	5410346.5
L5370.2	505273.3	5410345.0	18803.30078	432.64	0	48.846053	-86.928125	56763.32	56232.8	17.25	56780.57	56782.62891	56887.06820	56880.06250	505273.3	5410345.0
L5370.2	505273.3	5410343.9	18803.40039	435.44	0	48.846043	-86.928125	56763.56	56232.8	17.25	56780.81	56782.78516	56881.89767	56874.42578	505273.3	5410343.9
L5370.2	505273.3	5410343.9	18803.50000	435.91	0	48.846043	-86.928125	56764.11	56232.8	17.25	56781.36	56783.25000	56884.92030	56876.98828	505273.3	5410343.9
L5370.2	505273.3	5410341.9	18803.59961	439.23	0	48.846026	-86.928125	56764.29	56232.8	17.25	56781.54	56783.34766	56879.02942	56870.65234	505273.3	5410341.9
L5370.2	505273.3	5410340.4	18803.69922	440.86	0	48.846012	-86.928125	56764.56	56232.8	17.25	56781.81	56783.53906	56875.78993	56866.98047	505273.3	5410340.4
L5370.2	505273.3	5410340.4	18803.80078	439.16	0	48.846012	-86.928125	56764.75	56232.8	17.25	56782.00	56783.64844	56870.92135	56861.69531	505273.3	5410340.4
L5370.2	505273.3	5410338.9	18803.90039	438.52	0	48.845998	-86.928125	56765.20	56232.8	17.25	56782.45	56784.02344	56872.96981	56863.33594	505273.3	5410338.9
L5370.2	505273.3	5410338.9	18804.00000	436.08	0	48.845998	-86.928125	56765.66	56232.8	17.25	56782.91	56784.40625	56875.64209	56865.61328	505273.3	5410338.9
L5370.2	505273.3	5410337.2	18804.09961	435.27	0	48.845983	-86.928125	56765.96	56232.7	17.25	56783.22	56784.64453	56874.90829	56864.49609	505273.3	5410337.2
L5370.2	505273.3	5410335.6	18804.19922	435.21	0	48.845969	-86.928125	56766.32	56232.7	17.26	56783.58	56784.92969	56875.79249	56865.01172	505273.3	5410335.6
L5370.2	505273.3	5410335.6	18804.30078	438.59	0	48.845969	-86.928125	56766.04	56232.7	17.26	56783.30	56784.57813	56860.93427	56849.79688	505273.3	5410335.6
L5370.2	505273.3	5410333.8	18804.40039	437.84	0	48.845953	-86.928125	56766.22	56232.7	17.26	56783.49	56784.69922	56858.24445	56846.76172	505273.3	5410333.8
L5370.2	505273.3	5410332.4	18804.50000	438.30	0	48.845940	-86.928125	56766.48	56232.7	17.26	56783.74	56784.88281	56857.40436	56845.58984	505273.3	5410332.4
L5370.2	505273.3	5410332.4	18804.59961	437.96	0	48.845940	-86.928125	56766.95	56232.7	17.27	56784.22	56785.29688	56862.68256	56850.54688	505273.3	5410332.4
L5370.2	505273.3	5410330.9	18804.69922	441.40	0	48.845926	-86.928125	56767.22	56232.7	17.27	56784.49	56785.50000	56863.00543	56850.56250	505273.3	5410330.9
L5370.2	505273.3	5410330.9	18804.80078	443.38	0	48.845926	-86.928125	56767.36	56232.7	17.27	56784.63	56785.57813	56860.37758	56847.64453	505273.3	5410330.9
L5370.2	505273.3	5410328.4	18804.90039	441.34	0	48.845904	-86.928125	56767.53	56232.7	17.28	56784.81	56785.69531	56859.06703	56846.05078	505273.3	5410328.4
L5370.2	505273.3	5410327.1	18805.00000	437.07	0	48.845893	-86.928125	56767.40	56232.7	17.28	56784.68	56785.50391	56850.26320	56836.97656	505273.3	5410327.1
L5370.2	505273.3	5410327.1	18805.09961	435.29	0	48.845893	-86.928125	56767.57	56232.7	17.28	56784.85	56785.61719	56849.30019	56835.75391	505273.3	5410327.1
L5370.2	505273.3	5410325.8	18805.19922	434.43	0	48.845881	-86.928125	56767.67	56232.7	17.28	56784.95	56785.66016	56846.86414	56833.07422	505273.3	5410325.8
L5370.2	505273.3	5410324.5	18805.30078	435.76	0	48.845869	-86.928125	56768.07	56232.7	17.28	56785.35	56786.00391	56852.25273	56838.23047	505273.3	5410324.5
L5370.2	505273.3	5410322.8	18805.40039	435.73	0	48.845854	-86.928125	56767.98	56232.7	17.28	56785.26	56785.85938	56845.58855	56831.34375	505273.3	5410322.8
L5370.2	505273.3	5410322.8	18805.50000	437.27	0	48.845854	-86.928125	56768.34	56232.7	17.28	56785.62	56786.16797	56850.50509	56836.05078	505273.3	5410322.8
L5370.2	505273.3	5410321.1	18805.59961	434.22	0	48.845838	-86.928126	56768.10	56232.7	17.29	56785.38	56785.87500	56840.58562	56825.92969	505273.3	5410321.1
L5370.2	505273.3	5410320.0	18805.69922	433.37	0	48.845828	-86.928126	56768.21	56232.7	17.29	56785.49	56785.93359	56839.71502	56824.87500	505273.3	5410320.0
L5370.2	505273.3	5410318.9	18805.80078	433.58	0	48.845818	-86.928126	56768.36	56232.7	17.29	56785.65	56786.04688	56840.33961	56825.32422	505273.3	5410318.9
L5370.2	505273.3	5410318.9	18805.90039	433.93	0	48.845818	-86.928126	56768.52	56232.7	17.29	56785.81	56786.16016	56841.19342	56826.01563	505273.3	5410318.9
L5370.2	505273.3	5410317.4	18806.00000	435.35	0	48.845805	-86.928126	56768.64	56232.7	17.29	56785.93	56786.23438	56841.26199	56825.92969	505273.3	5410317.4
L5370.2	505273.2	5410315.8	18806.09961	435.81	0	48.845791	-86.928126	56768.54	56232.7	17.29	56785.84	56786.09766	56836.26126	56820.78906	505273.2	5410315.8
L5370.2	505273.2	5410315.8	18806.19922	437.86	0	48.845791	-86.928126	56768.62	56232.7	17.30	56785.92	56786.13672	56835.74018	56820.13672	505273.2	5410315.8
L5370.2	505273.2	5410314.5	18806.30078	445.86	0	48.845779	-86.928126	56768.46	56232.7	17.30	56785.76	56785.93359	56829.37858	56813.65625	505273.2	5410314.5
L5370.2	505273.2	5410314.5	18806.40039	444.12	0	48.845779	-86.928126	56768.79	56232.7	17.30	56786.09	56786.22266	56835.52832	56819.69922	505273.2	5410314.5
L5370.2	505273.2	5410312.7	18806.50000	442.35	0	48.845763	-86.928127	56768.77	56232.7	17.31	56786.08	56786.17578	56833.30601	56817.37500	505273.2	5410312.7
L5370.2	505273.2	5410311.0	18806.59961	439.97	0	48.845747	-86.928127	56768.93	56232.7	17.31	56786.23	56786.28906	56835.27899	56819.25781	505273.2	5410311.0
L5370.2	505273.2	5410309.8	18806.69922	438.02	0	48.845737	-86.928127	56768.93	56232.7	17.31	56786.24	56786.26172	56833.89403	56817.79688	505273.2	5410309.8
L5370.2	505273.2	5410308.6	18806.80078	427.20	0	48.845726	-86.928127	56768.98	56232.7	17.31	56786.30	56786.28516	56833.92190	56817.75781	505273.2	5410308.6
L5370.2	505273.2	5410307.1	18806.90039	425.10	0	48.845712	-86.928127	56768.93	56232.7	17.32	56786.24	56786.19141	56831.07922	56814.85547	505273.2	5410307.1
L5370.2	505273.2	5410307.1	18807.00000	422.76	0	48.845712	-86.928127	56769.00	56232.7	17.32	56786.32	56786.23828	56831.89762	56815.62500	505273.2	5410307.1

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5370.2	505273.1	5410305.4	18807.09961	431.75	0	48.845697	-86.928128	56769.23	56232.7	17.32	56786.56	56786.44531	56836.87267	56820.55859	505273.1	5410305.4
L5370.2	505273.1	5410305.4	18807.19922	428.53	0	48.845697	-86.928128	56769.03	56232.7	17.33	56786.35	56786.20703	56830.65506	56814.30859	505273.1	5410305.4
L5370.2	505273.1	5410304.0	18807.30078	431.15	0	48.845685	-86.928128	56768.90	56232.7	17.33	56786.23	56786.05469	56826.81914	56810.45313	505273.1	5410304.0
L5370.2	505273.1	5410302.7	18807.40039	442.47	0	48.845673	-86.928128	56768.62	56232.7	17.33	56785.95	56785.74609	56819.07028	56802.69141	505273.1	5410302.7
L5370.2	505273.1	5410301.5	18807.50000	433.87	0	48.845662	-86.928128	56769.14	56232.7	17.33	56786.47	56786.24219	56831.54653	56815.16016	505273.1	5410301.5
L5370.2	505273.1	5410301.5	18807.59961	434.22	0	48.845662	-86.928128	56769.29	56232.7	17.34	56786.62	56786.36328	56834.81490	56818.43359	505273.1	5410301.5
L5370.2	505273.1	5410298.8	18807.69922	439.92	0	48.845638	-86.928129	56769.52	56232.7	17.34	56786.86	56786.57813	56840.43845	56824.06641	505273.1	5410298.8
L5370.2	505273.1	5410298.8	18807.80078	440.57	0	48.845638	-86.928129	56769.32	56232.7	17.34	56786.66	56786.35547	56835.08115	56818.73047	505273.1	5410298.8
L5370.2	505273.0	5410297.4	18807.90039	441.70	0	48.845625	-86.928129	56769.18	56232.7	17.35	56786.53	56786.20313	56831.56403	56815.24219	505273.0	5410297.4
L5370.2	505273.0	5410297.4	18808.00000	435.42	0	48.845625	-86.928129	56769.11	56232.7	17.35	56786.46	56786.10938	56829.62996	56813.33984	505273.0	5410297.4
L5370.2	505273.0	5410295.9	18808.09961	432.45	0	48.845612	-86.928129	56769.09	56232.7	17.35	56786.44	56786.06641	56829.02204	56812.77344	505273.0	5410295.9
L5370.2	505273.0	5410294.5	18808.19922	434.56	0	48.845600	-86.928129	56769.18	56232.7	17.35	56786.53	56786.13672	56831.24417	56815.04297	505273.0	5410294.5
L5370.2	505273.0	5410293.0	18808.30078	432.94	0	48.845585	-86.928129	56769.29	56232.7	17.35	56786.64	56786.23047	56834.02789	56817.88672	505273.0	5410293.0
L5370.2	505273.0	5410293.0	18808.40039	436.54	0	48.845585	-86.928129	56769.34	56232.7	17.35	56786.69	56786.26172	56835.35649	56819.27734	505273.0	5410293.0
L5370.2	505273.0	5410291.6	18808.50000	439.78	0	48.845573	-86.928129	56769.36	56232.7	17.35	56786.71	56786.26172	56835.98014	56819.96875	505273.0	5410291.6
L5370.2	505273.0	5410290.0	18808.59961	440.16	0	48.845559	-86.928129	56769.29	56232.7	17.35	56786.64	56786.17578	56834.38569	56818.44531	505273.0	5410290.0
L5370.2	505273.0	5410290.0	18808.69922	442.38	0	48.845559	-86.928129	56769.03	56232.7	17.35	56786.38	56785.89844	56828.05422	56812.19531	505273.0	5410290.0
L5370.2	505273.0	5410288.2	18808.80078	441.97	0	48.845542	-86.928129	56769.08	56232.7	17.35	56786.43	56785.93359	56829.55762	56813.78906	505273.0	5410288.2
L5370.2	505273.0	5410286.8	18808.90039	439.09	0	48.845530	-86.928130	56769.06	56232.7	17.35	56786.41	56785.90234	56829.33529	56813.66016	505273.0	5410286.8
L5370.2	505273.0	5410286.8	18809.00000	434.94	0	48.845530	-86.928130	56769.34	56232.7	17.35	56786.69	56786.16797	56836.69006	56821.10938	505273.0	5410286.8
L5370.2	505273.0	5410284.9	18809.09961	429.49	0	48.845513	-86.928130	56769.21	56232.6	17.35	56786.56	56786.02344	56833.76215	56818.28125	505273.0	5410284.9
L5370.2	505273.0	5410284.9	18809.19922	427.86	0	48.845513	-86.928130	56769.11	56232.6	17.35	56786.46	56785.91406	56831.61549	56816.24219	505273.0	5410284.9
L5370.2	505273.0	5410283.1	18809.30078	428.27	0	48.845497	-86.928130	56768.90	56232.6	17.36	56786.25	56785.69141	56826.72686	56811.46875	505273.0	5410283.1
L5370.2	505273.0	5410281.5	18809.40039	431.59	0	48.845482	-86.928130	56768.93	56232.6	17.36	56786.28	56785.71094	56827.89719	56812.75391	505273.0	5410281.5
L5370.2	505273.0	5410281.5	18809.50000	433.63	0	48.845482	-86.928130	56769.14	56232.6	17.36	56786.50	56785.92188	56833.86741	56818.84375	505273.0	5410281.5
L5370.2	505273.0	5410279.9	18809.59961	435.92	0	48.845468	-86.928130	56769.29	56232.6	17.36	56786.65	56786.06250	56838.09703	56823.19922	505273.0	5410279.9
L5370.2	505272.9	5410278.6	18809.69922	434.38	0	48.845456	-86.928131	56769.34	56232.6	17.36	56786.70	56786.10547	56839.83057	56825.06250	505272.9	5410278.6
L5370.2	505272.9	5410278.6	18809.80078	435.58	0	48.845456	-86.928131	56769.14	56232.6	17.37	56786.50	56785.89844	56835.29471	56820.66016	505272.9	5410278.6
L5370.2	505272.9	5410276.8	18809.90039	432.34	0	48.845440	-86.928131	56769.02	56232.6	17.37	56786.38	56785.76953	56832.78882	56818.28906	505272.9	5410276.8
L5370.2	505272.9	5410275.4	18810.00000	430.95	0	48.845428	-86.928131	56768.79	56232.6	17.37	56786.16	56785.54297	56827.78565	56813.42578	505272.9	5410275.4
L5370.2	505272.9	5410275.4	18810.09961	428.35	0	48.845428	-86.928131	56768.67	56232.6	17.37	56786.04	56785.41797	56825.31553	56811.09375	505272.9	5410275.4
L5370.2	505272.9	5410273.7	18810.19922	428.08	0	48.845412	-86.928131	56768.85	56232.6	17.38	56786.23	56785.60156	56830.66058	56816.58594	505272.9	5410273.7
L5370.2	505272.9	5410272.2	18810.30078	429.85	0	48.845399	-86.928132	56768.88	56232.6	17.38	56786.25	56785.61719	56831.74913	56817.82422	505272.9	5410272.2
L5370.2	505272.9	5410272.2	18810.40039	429.44	0	48.845399	-86.928132	56769.11	56232.6	17.38	56786.49	56785.85547	56838.39100	56824.61719	505272.9	5410272.2
L5370.2	505272.9	5410270.9	18810.50000	431.50	0	48.845387	-86.928132	56769.00	56232.6	17.39	56786.39	56785.75000	56836.50300	56822.87891	505272.9	5410270.9
L5370.2	505272.9	5410269.2	18810.59961	433.24	0	48.845372	-86.928132	56769.30	56232.6	17.39	56786.68	56786.03906	56844.44676	56830.97656	505272.9	5410269.2
L5370.2	505272.8	5410267.9	18810.69922	431.33	0	48.845360	-86.928132	56768.88	56232.6	17.39	56786.27	56785.62500	56834.80968	56821.49609	505272.8	5410267.9
L5370.2	505272.8	5410267.9	18810.80078	433.11	0	48.845360	-86.928132	56768.88	56232.6	17.39	56786.27	56785.62109	56835.51124	56822.35938	505272.8	5410267.9
L5370.2	505272.8	5410266.5	18810.90039	436.28	0	48.845347	-86.928132	56768.56	56232.6	17.40	56785.96	56785.31250	56828.44515	56815.45313	505272.8	5410266.5
L5370.2	505272.8	5410266.5	18811.00000	435.46	0	48.845347	-86.928132	56768.75	56232.6	17.40	56786.15	56785.50000	56833.98614	56821.15625	505272.8	5410266.5
L5370.2	505272.8	5410265.1	18811.09961	434.74	0	48.845335	-86.928133	56768.64	56232.6	17.40	56786.05	56785.39844	56832.26785	56819.59766	505272.8	5410265.1
L5370.2	505272.8	5410263.8	18811.19922	434.32	0	48.845323	-86.928133	56768.80	56232.6	17.40	56786.20	56785.55078	56836.87476	56824.37109	505272.8	5410263.8
L5370.2	505272.8	5410262.1	18811.30078	431.83	0	48.845307	-86.928134	56768.62	56232.6	17.40	56786.02	56785.37109	56833.22266	56820.88672	505272.8	5410262.1
L5370.2	505272.8	5410262.1	18811.40039	433.93	0	48.845307	-86.928134	56768.95	56232.6	17.40	56786.36	56785.71094	56842.69325	56830.52344	505272.8	5410262.1
L5370.2	505272.7	5410260.6	18811.50000	439.22	0	48.845294	-86.928134	56769.45	56232.6	17.41	56786.85	56786.20313	56855.98444	56843.98438	505272.7	5410260.6
L5370.2	505272.7	5410259.2	18811.59961	438.53	0	48.845282	-86.928134	56769.54	56232.6	17.41	56786.95	56786.30469	56859.51869	56847.68359	505272.7	5410259.2
L5370.2	505272.7	5410257.9	18811.69922	440.49	0	48.845270	-86.928134	56769.39	56232.6	17.41	56786.79	56786.14453	56856.56975	56844.90234	505272.7	5410257.9
L5370.2	505272.7	5410257.9	18811.80078	438.99	0	48.845270	-86.928134	56768.98	56232.6	17.41	56786.39	56785.75000	56847.64495	56836.14844	505272.7	5410257.9
L5370.2	505272.7	5410256.3	18811.90039	438.84	0	48.845256	-86.928135	56769.06	56232.6	17.41	56786.46	56785.82031	56850.60591	56839.28125	505272.7	5410256.3
L5370.2	505272.6	5410254.8	18812.00000	437.15	0	48.845242	-86.928135	56769.08	56232.6	17.41	56786.49	56785.85547	56852.63041	56841.47656	505272.6	5410254.8
L5370.2	505272.6	5410253.3	18812.09961	438.61	0	48.845228	-86.928135	56769.23	56232.6	17.41	56786.65	56786.01953	56857.99897	56847.01172	505272.6	5410253.3
L5370.2	505272.6	5410253.3	18812.19922	438.93	0	48.845228	-86.928135	56769.14	56232.6	17.42	56786.55	56785.92188	56856.90782	56846.08984	505272.6	5410253.3
L5370.2	505272.6	5410251.5	18812.30078	438.81	0	48.845212	-86.928136	56769.16	56232.6	17.42	56786.58	56785.95703	56859.17098	56848.52734	505272.6	5410251.5
L5370.2	505272.6	5410251.5	18812.40039	429.69	0	48.845212	-86.928136	56768.85	56232.6	17.42	56786.27	56785.65234	56852.97295	56842.50000	505272.6	5410251.5
L5370.2	505272.6	5410249.8	18812.50000	427.69	0	48.845197	-86.928136	56768.93	56232.6	17.43	56786.35	56785.73438	56856.67934	56846.37500	505272.6	5410249.8
L5370.2	505272.6	5410249.8	18812.59961	434.00	0	48.845197	-86.928136	56769.00	56232.6	17.43	56786.43	56785.82031	56860.48697	56850.35156	505272.6	5410249.8
L5370.2	505272.6	5410248.5	18812.69922	425.17	0	48.845185	-86.928136	56769.22	56232.6	17.43	56786.65	56786.04688	56867.92275	56857.95313	505272.6	5410248.5
L5370.2	505272.6	5410247.3	18812.80078	429.71	0	48.845175	-86.928136	56769.08	56232.6	17.43	56786.51	56785.91406	56866.41718	56856.61719	505272.6	5410247.3
L5370.2	505272.6	5410246.0	18812.90039	436.33	0	48.845163	-86.928136	56768.80	56232.6	17.44	56786.23	56785.64063	56861.50945	56851.87891	505272.6	5410246.0
L5370.2	505272.6	5410244.6	18813.00000	429.41	0	48.845150	-86.928136	56768.45	56232.6	17.44	56785.89	56785.30469	56855.21776	56845.75391	505272.6	5410244.6
L5370.2	505272.6	5410244.6	18813.09961	429.16	0	48.845150	-86.928136	56768.46	56232.6	17.44	56785.90	56785.32422	56857.86018	56848.56250	505272.6	5410244.6
L5370.2	505272.5	5410242.6	18813.19922	429.72	0	48.845132	-86.928137	56768.52	56232.6	17.45	56785.97	56785.39844	56862.14928	56853.01563	505272.5	5410242.6
L5370.2	505272.5	5410242.6	18813.30078	432.04	0	48.845132	-86.928137	56768.59	56232.6	17.45	56786.04	56785.47656	56866.58243	56857.61719	505272.5	5410242.6
L5370.2	505272.5	5410240.9	18813.40039	433.70	0	48.845117	-86.928137	56768.49	56232.5	17.45	56785.94	56785.38672	56866.89044	56858.08984	505272.5	5410240.9
L5370.2	505272.5	5410239.1	18813.50000	430.77	0	48.845100	-86.928137	56768.23	56232.5	17.46	56785.69	56785.14453	56863.58290	56854.94531	505272.5	5410239.1
L5370.2	505272.5	5410239.1	18813.59961	436.23	0	48.845100	-86.928137	56768.23	56232.5	17.46	56785.69	56785.15234	56866.72673	56858.25000	505272.5	5410239.1
L5370.2	505272.5	5410237.4	18813.69922	438.76	0	48.845085	-86.928138	56768.15	56232.5	17.46	56785.61	56785.08203	56868.02880	56859.71484	505272.5	5410237.4
L5370.2	505272.5	5410237.4	18813.80078	434.52	0	48.845085	-86.928138	56768.39	56232.5	17.46	56785.85	56785.32813	56877.55616	56869.40234	505272.5	5410237.4
L5370.2	505272.4	5410235.5	18813.90039	436.35	0	48.845069	-86.928138	56768.34	56232.5	17.47	56785.81	56785.29688	56880.22504	56872.23047	505272.4	5410235.5
L5370.2	505272.4	5410234.2	18814.00000	435.00	0	48.845057	-86.928138	56768.23	56232.5	17.47	56785.70	56785.19922	56881.32386	56873.48828	505272.4	5410234.2
L5370.2	505272.4	5410232.6	18814.09961	431.62	0	48.845042	-86.928139	56767.89	56232.5	17.47	56785.36	56784.86719	56876.83529	56869.15625	505272.4	5410232.6
L5370.2	505272.4	5410231.4	18814.19922	432.70	0	48.845032	-86.928139	56767.82	56232.5	17.47	56785.30	56784.81641	56879.59304	56872.07031	505272.4	5410231.4
L5370.2	505272.4	5410231.4	18814.30078	434.65	0	48.845032	-86.928139	56767.52	56232.5	17.48	56784.99	56784.51953	56876.27398	56868.91016	505272.4	5410231.4
L5370.2	505272.4	5410229.9	18814.40039	433.28	0	48.845018	-86.928139	56767.25	56232.5	17.48	56784.72	56784.25781	56874.17863	56866.96875	505272.4	5410229.9
L5370.2	505272.4	5410228.5	18814.50000	427.46	0	48.845006	-86.928139	56767.12	56232.5	17.48	56784.60	56784.15234	56876.08038	56869.02344	505272.4	5410228.5
L5370.2	505272.4	5410227.1	18814.59961	425.33	0	48.844993	-86.928139	56766.98	56232.5	17.48	56784.46	56784.02344	56877.71037	56870.80469	505272.4	5410227.1
L5370.2	505272.4	5410227.1	18814.69922	426.10	0	48.844993	-86.928139	56767.18	56232.5	17.48	56784.66	56784.23438	56888.12964	56881.37500	505272.4	5410227.1
L5370.2	505272.3	5410225.3	18814.80078	426.96	0	48.844977	-86.928140	56766.79	56232.5	17.49	56784.27	56783.85547	56883.95466	56877.35156	505272.3	5410225.3
L5370.2	505272.3	5410223.7	18814.90039	428.63	0	48.844962	-86.928140	56766.61	56232.5	17.49	56784.10	56783.69922	56885.56427	56879.10938	505272.3	5410223.7
L5370.2	505272.3	5410223.7	18815.00000	430.93	0	48.844962	-86.928140	56765.89	56232.5	17.49	56783.38	56782.98828	56873.59898	56867.29297	505272.3	5410223.7
L5370.2	505272.3	5410222.0	18815.09961	433.86	0	48.844947	-86.928140	56766.31	56232.5	17.49	56783.80	56783.42188	56890.57029	56884.41406	505272.3	5410222.0
L5370.2	505272.3	5410222.0	18815.19922	435.61	0	48.844947	-86.928140	56765.96	56232.5	17.50	56783.46	56783.09766	56888.69817	56882.68750	505272.3	5410222.0
L5370.2	505272.3	5410220.1	18815.30078	433.58	0	48.844930	-86.928141	56765.96	56232.5	17.50	56783.46	56783.10938	56895.65501	56889.78906	505272.3	5410220.1
L5370.2	505272.3	5410219.0	18815.40039	433.39	0	48.844920	-86.928141	56765.42	56232.5	17.50	56782.92	56782.58203	56889.31449	56883.59375	505272.3	5410219.0
L5370.2	505272.2	5410217.6	18815.50000	433.19	0	48.844907	-86.928141	56765.14	56232.5	17.50	56782.65	56782.32813	56890.05514	56884.47656	505272.2	5410217.6
L5370.2	505272.2	5410217.6	18815.59961	433.45	0	48.844907	-86.928141	56765.12	56232.5	17.51	56782.63	56782.32031	56897.38019	56891.94531	505272.2	5410217.6
L5370.2	505272.2	5410216.1	18815.69922	431.82	0	48.844894	-86.928141	56764.90	56232.5	17.51	56782.41	56782.11719	56899.97797	56894.68750	505272.2	5410216.1
L5370.2	505272.2	5410214.5	18815.80078	432.09	0	48.844879	-86.928141	56764.68	56232.5	17.51	56782.20	56781.92188	56903.13624	56897.98438	505272.2	5410214.5
L5370.2	505272.2	5410214.5	18815.90039	430.19	0	48.844879	-86.928141	56764.14	56232.5	17.52	56781.65	56781.38672	56898.05822	56893.05078	505272.2	5410214.5
L5370.2	505272.2	5410213.2	18816.00000	431.23	0	48.844868	-86.928141	56763.86	56232.5	17.52	56781.38	56781.12891	56900.34333	56895.47656	505272.2	5410213.2
L5370.2	505272.2	5410211.9	18816.09961	427.98	0	48.844856	-86.928142	56763.14	56232.5	17.52	56780.66	56780.42578	56891.63728	56886.91016	505272.2	5410211.9
L5370.2	505272.2	5410210.6	18816.19922	426.41	0	48.844844	-86.928142	56763.20	56232.5	17.53	56780.72	56780.50391	56902.88128	56898.28906	505272.2	5410210.6
L5370.2	505272.2	5410210.6	18816.30078	427.41	0	48.844844	-86.928142	56762.71	56232.5	17.53	56780.24	56780.03906	56900.88184	56896.42969	505272.2	5410210.6

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5370.2	505272.2	5410208.8	18816.40039	429.52	0	48.844829	-86.928142	56762.54	56232.5	17.53	56780.07	56779.88672	56907.02265	56902.71094	505272.2	5410208.8
L5370.2	505272.2	5410208.8	18816.50000	430.03	0	48.844829	-86.928142	56762.00	56232.5	17.54	56779.54	56779.37109	56904.45802	56900.28125	505272.2	5410208.8
L5370.2	505272.2	5410207.3	18816.59961	429.43	0	48.844815	-86.928142	56761.74	56232.5	17.54	56779.28	56779.12891	56909.03821	56905.00000	505272.2	5410207.3
L5370.2	505272.1	5410205.8	18816.69922	427.21	0	48.844801	-86.928143	56761.23	56232.5	17.54	56778.77	56778.63672	56907.68992	56903.78906	505272.1	5410205.8
L5370.2	505272.1	5410204.6	18816.80078	428.47	0	48.844791	-86.928143	56760.82	56232.5	17.54	56778.36	56778.24609	56909.22093	56905.45703	505272.1	5410204.6
L5370.2	505272.1	5410203.3	18816.90039	427.76	0	48.844779	-86.928143	56760.64	56232.5	17.55	56778.18	56778.08203	56916.90573	56913.27734	505272.1	5410203.3
L5370.2	505272.1	5410203.3	18817.00000	432.20	0	48.844779	-86.928143	56759.96	56232.4	17.55	56777.51	56777.42969	56912.64046	56909.15234	505272.1	5410203.3
L5370.2	505272.1	5410201.6	18817.09961	434.80	0	48.844763	-86.928143	56759.81	56232.4	17.55	56777.36	56777.30078	56921.83207	56918.48047	505272.1	5410201.6
L5370.2	505272.1	5410200.2	18817.19922	436.88	0	48.844751	-86.928143	56758.91	56232.4	17.56	56776.47	56776.42969	56912.79497	56909.57813	505272.1	5410200.2
L5370.2	505272.1	5410200.2	18817.30078	436.11	0	48.844751	-86.928143	56758.65	56232.4	17.56	56776.21	56776.18750	56919.99014	56916.91016	505272.1	5410200.2
L5370.2	505272.1	5410199.0	18817.40039	432.85	0	48.844740	-86.928143	56757.96	56232.4	17.57	56775.53	56775.52734	56917.01341	56914.07031	505272.1	5410199.0
L5370.2	505272.1	5410197.7	18817.50000	432.41	0	48.844728	-86.928143	56757.54	56232.4	17.57	56775.11	56775.12891	56920.97140	56918.16797	505272.1	5410197.7
L5370.2	505272.1	5410197.7	18817.59961	433.10	0	48.844728	-86.928143	56757.01	56232.4	17.57	56774.58	56774.61719	56922.56221	56919.89453	505272.1	5410197.7
L5370.2	505272.1	5410196.1	18817.69922	433.32	0	48.844714	-86.928143	56756.25	56232.4	17.58	56773.83	56773.89063	56919.02303	56916.49609	505272.1	5410196.1
L5370.2	505272.1	5410194.8	18817.80078	433.74	0	48.844702	-86.928143	56755.87	56232.4	17.58	56773.45	56773.53125	56925.19647	56922.80469	505272.1	5410194.8
L5370.2	505272.1	5410193.2	18817.90039	436.02	0	48.844688	-86.928143	56755.11	56232.4	17.59	56772.69	56772.79297	56922.22290	56919.97266	505272.1	5410193.2
L5370.2	505272.1	5410191.7	18818.00000	434.62	0	48.844675	-86.928143	56754.82	56232.4	17.59	56772.41	56772.53516	56931.73537	56929.62500	505272.1	5410191.7
L5370.2	505272.1	5410191.7	18818.09961	433.63	0	48.844675	-86.928143	56753.70	56232.4	17.59	56771.29	56771.43750	56920.53799	56918.56641	505272.1	5410191.7
L5370.2	505272.1	5410190.2	18818.19922	433.60	0	48.844661	-86.928144	56753.10	56232.4	17.59	56770.69	56770.85938	56922.83892	56921.00781	505272.1	5410190.2
L5370.2	505272.1	5410190.2	18818.30078	435.82	0	48.844661	-86.928144	56752.26	56232.4	17.59	56769.85	56770.04297	56919.52645	56917.83594	505272.1	5410190.2
L5370.2	505272.1	5410188.9	18818.40039	436.61	0	48.844649	-86.928144	56751.78	56232.4	17.59	56769.37	56769.58594	56925.69383	56924.14844	505272.1	5410188.9
L5370.2	505272.1	5410188.9	18818.50000	438.04	0	48.844649	-86.928144	56751.06	56232.4	17.59	56768.65	56768.88672	56926.25319	56924.85156	505272.1	5410188.9
L5370.2	505272.0	5410187.0	18818.59961	439.12	0	48.844632	-86.928144	56750.25	56232.4	17.59	56767.84	56768.10156	56924.97960	56923.72266	505272.0	5410187.0
L5370.2	505272.0	5410185.8	18818.69922	438.39	0	48.844621	-86.928145	56749.60	56232.4	17.59	56767.19	56767.47656	56928.16312	56927.05078	505272.0	5410185.8
L5370.2	505272.0	5410184.5	18818.80078	436.75	0	48.844610	-86.928145	56748.56	56232.4	17.59	56766.15	56766.46094	56921.97296	56921.00781	505272.0	5410184.5
L5370.2	505272.0	5410183.2	18818.90039	436.86	0	48.844598	-86.928145	56747.93	56232.4	17.59	56765.52	56765.85547	56926.53183	56925.71094	505272.0	5410183.2
L5370.2	505272.0	5410183.2	18819.00000	435.95	0	48.844598	-86.928145	56746.86	56232.4	17.59	56764.45	56764.81250	56920.46342	56919.79297	505272.0	5410183.2
L5370.2	505272.0	5410181.3	18819.09961	433.95	0	48.844581	-86.928145	56746.10	56232.4	17.59	56763.69	56764.07813	56922.63263	56922.11328	505272.0	5410181.3
L5370.2	505272.0	5410181.3	18819.19922	433.52	0	48.844581	-86.928145	56745.07	56232.4	17.60	56762.67	56763.08203	56918.70509	56918.33594	505272.0	5410181.3
L5370.2	505271.9	5410180.0	18819.30078	432.50	0	48.844569	-86.928146	56744.34	56232.4	17.60	56761.94	56762.37891	56922.51525	56922.29688	505271.9	5410180.0
L5370.2	505271.9	5410178.2	18819.40039	430.91	0	48.844553	-86.928146	56743.20	56232.4	17.60	56760.81	56761.27734	56916.71038	56916.64844	505271.9	5410178.2
L5370.2	505271.9	5410178.2	18819.50000	429.52	0	48.844553	-86.928146	56742.54	56232.4	17.60	56760.14	56760.63281	56922.92140	56923.01563	505271.9	5410178.2
L5370.2	505271.9	5410176.5	18819.59961	431.20	0	48.844538	-86.928146	56741.45	56232.4	17.61	56759.05	56759.57031	56919.01668	56919.26563	505271.9	5410176.5
L5370.2	505271.9	5410175.1	18819.69922	433.38	0	48.844525	-86.928146	56740.29	56232.4	17.61	56757.90	56758.44922	56914.05146	56914.46094	505271.9	5410175.1
L5370.2	505271.9	5410173.5	18819.80078	436.08	0	48.844511	-86.928147	56739.47	56232.4	17.61	56757.09	56757.66406	56918.08688	56918.65625	505271.9	5410173.5
L5370.2	505271.9	5410173.5	18819.90039	436.38	0	48.844511	-86.928147	56738.18	56232.4	17.62	56755.80	56756.40234	56910.49996	56911.23047	505271.9	5410173.5
L5370.2	505271.9	5410171.9	18820.00000	433.53	0	48.844496	-86.928147	56737.31	56232.4	17.62	56754.93	56755.56250	56913.92701	56914.82031	505271.9	5410171.9
L5370.2	505271.9	5410171.9	18820.09961	437.03	0	48.844496	-86.928147	56735.86	56232.4	17.62	56753.48	56754.14063	56903.21766	56904.27734	505271.9	5410171.9
L5370.2	505271.8	5410170.1	18820.19922	436.46	0	48.844480	-86.928147	56734.93	56232.4	17.63	56752.56	56753.25000	56906.28963	56907.51563	505271.8	5410170.1
L5370.2	505271.8	5410169.0	18820.30078	437.94	0	48.844470	-86.928147	56733.57	56232.4	17.63	56751.21	56751.92969	56898.99834	56900.39063	505271.8	5410169.0
L5370.2	505271.8	5410167.2	18820.40039	431.00	0	48.844454	-86.928148	56732.72	56232.4	17.64	56750.36	56751.10938	56904.73414	56906.29688	505271.8	5410167.2
L5370.2	505271.8	5410167.2	18820.50000	431.85	0	48.844454	-86.928148	56731.31	56232.4	17.64	56748.95	56749.73047	56896.83713	56898.57031	505271.8	5410167.2
L5370.2	505271.8	5410165.6	18820.59961	431.47	0	48.844439	-86.928148	56730.16	56232.4	17.64	56747.80	56748.61328	56895.93085	56897.83984	505271.8	5410165.6
L5370.2	505271.8	5410165.6	18820.69922	430.21	0	48.844439	-86.928148	56728.84	56232.4	17.65	56746.48	56747.32422	56891.20017	56893.28516	505271.8	5410165.6
L5370.2	505271.7	5410163.8	18820.80078	434.05	0	48.844423	-86.928149	56727.59	56232.3	17.65	56745.24	56746.11328	56888.93245	56891.19141	505271.7	5410163.8
L5370.2	505271.7	5410162.5	18820.90039	427.48	0	48.844412	-86.928149	56726.56	56232.3	17.66	56744.22	56745.12500	56892.64834	56895.08594	505271.7	5410162.5
L5370.2	505271.7	5410162.5	18821.00000	427.17	0	48.844412	-86.928149	56725.11	56232.3	17.66	56742.77	56743.70703	56885.99922	56888.61719	505271.7	5410162.5
L5370.2	505271.7	5410160.7	18821.09961	433.36	0	48.844396	-86.928150	56723.84	56232.3	17.66	56741.50	56742.46875	56884.32644	56887.12891	505271.7	5410160.7
L5370.2	505271.6	5410159.3	18821.19922	434.02	0	48.844383	-86.928150	56722.04	56232.3	17.66	56739.70	56740.70313	56869.77211	56872.76172	505271.6	5410159.3
L5370.2	505271.6	5410157.8	18821.30078	438.39	0	48.844369	-86.928150	56721.13	56232.3	17.66	56738.79	56739.82422	56878.04956	56881.22266	505271.6	5410157.8
L5370.2	505271.6	5410157.8	18821.40039	432.58	0	48.844369	-86.928150	56719.64	56232.3	17.66	56737.31	56738.37500	56872.43759	56875.79688	505271.6	5410157.8
L5370.2	505271.6	5410156.2	18821.50000	431.50	0	48.844355	-86.928151	56718.43	56232.3	17.66	56736.09	56737.19141	56873.81035	56877.36328	505271.6	5410156.2
L5370.2	505271.6	5410156.2	18821.59961	433.53	0	48.844355	-86.928151	56716.84	56232.3	17.66	56734.50	56735.63281	56866.32166	56870.06641	505271.6	5410156.2
L5370.2	505271.6	5410153.2	18821.69922	442.71	0	48.844328	-86.928151	56715.38	56232.3	17.66	56733.04	56734.20703	56862.54568	56866.48438	505271.6	5410153.2
L5370.2	505271.6	5410153.2	18821.80078	444.42	0	48.844328	-86.928151	56714.02	56232.3	17.66	56731.68	56732.87891	56861.72657	56865.85938	505271.6	5410153.2
L5370.2	505271.6	5410153.2	18821.90039	444.45	0	48.844328	-86.928151	56712.49	56232.3	17.66	56730.15	56731.38672	56857.07218	56861.40234	505271.6	5410153.2
L5370.2	505271.6	5410151.4	18822.00000	443.14	0	48.844312	-86.928151	56711.18	56232.3	17.66	56728.84	56730.10938	56858.38985	56862.91797	505271.6	5410151.4
L5370.2	505271.6	5410150.0	18822.09961	442.53	0	48.844299	-86.928151	56709.34	56232.3	17.67	56727.00	56728.30469	56846.81486	56851.54688	505271.6	5410150.0
L5370.2	505271.6	5410148.5	18822.19922	443.48	0	48.844286	-86.928151	56708.03	56232.3	17.67	56725.70	56727.03906	56849.25695	56854.19141	505271.6	5410148.5
L5370.2	505271.6	5410148.5	18822.30078	444.58	0	48.844286	-86.928151	56706.68	56232.3	17.68	56724.36	56725.73438	56851.12688	56856.26172	505271.6	5410148.5
L5370.2	505271.6	5410147.0	18822.40039	444.59	0	48.844272	-86.928151	56705.38	56232.3	17.68	56723.06	56724.46875	56854.43492	56859.77734	505271.6	5410147.0
L5370.2	505271.6	5410147.0	18822.50000	440.54	0	48.844272	-86.928151	56703.36	56232.3	17.68	56721.05	56722.49219	56840.31604	56845.86328	505271.6	5410147.0
L5370.2	505271.6	5410145.5	18822.59961	434.15	0	48.844259	-86.928151	56701.90	56232.3	17.69	56719.59	56721.07031	56840.45832	56846.21484	505271.6	5410145.5
L5370.2	505271.6	5410144.4	18822.69922	432.73	0	48.844249	-86.928151	56700.25	56232.3	17.69	56717.95	56719.46484	56836.49960	56842.46875	505271.6	5410144.4
L5370.2	505271.6	5410142.8	18822.80078	437.69	0	48.844235	-86.928151	56698.55	56232.3	17.70	56716.25	56717.80078	56831.45587	56837.63672	505271.6	5410142.8
L5370.2	505271.6	5410141.5	18822.90039	439.11	0	48.844223	-86.928151	56697.06	56232.3	17.71	56714.76	56716.34766	56832.11567	56838.50781	505271.6	5410141.5
L5370.2	505271.6	5410141.5	18823.00000	437.32	0	48.844223	-86.928151	56695.39	56232.3	17.71	56713.10	56714.72266	56828.91942	56835.52734	505271.6	5410141.5
L5370.2	505271.6	5410140.1	18823.09961	436.70	0	48.844210	-86.928151	56693.96	56232.3	17.71	56711.67	56713.32813	56831.92512	56838.75000	505271.6	5410140.1
L5370.2	505271.6	5410138.6	18823.19922	434.91	0	48.844197	-86.928151	56692.09	56232.3	17.71	56709.80	56711.49219	56824.27931	56831.32031	505271.6	5410138.6
L5370.2	505271.6	5410137.3	18823.30078	430.32	0	48.844185	-86.928150	56690.65	56232.3	17.71	56708.36	56710.08984	56827.86075	56835.11719	505271.6	5410137.3
L5370.2	505271.6	5410137.3	18823.40039	432.70	0	48.844185	-86.928150	56688.69	56232.3	17.71	56706.40	56708.16797	56818.77362	56826.25000	505271.6	5410137.3
L5370.2	505271.7	5410135.3	18823.50000	443.15	0	48.844167	-86.928150	56687.12	56232.3	17.71	56704.83	56706.63281	56819.90254	56827.60156	505271.7	5410135.3
L5370.2	505271.7	5410135.3	18823.59961	445.67	0	48.844167	-86.928150	56685.09	56232.3	17.71	56702.80	56704.64063	56809.86666	56817.78516	505271.7	5410135.3
L5370.2	505271.7	5410134.4	18823.69922	445.62	0	48.844159	-86.928150	56683.51	56232.3	17.71	56701.22	56703.09375	56811.55047	56819.69531	505271.7	5410134.4
L5370.2	505271.7	5410133.0	18823.80078	441.15	0	48.844146	-86.928150	56681.69	56232.3	17.71	56699.40	56701.31250	56807.59709	56815.96094	505271.7	5410133.0
L5370.2	505271.7	5410131.1	18823.90039	435.84	0	48.844129	-86.928149	56680.02	56232.3	17.71	56697.73	56699.67578	56807.81247	56816.40234	505271.7	5410131.1
L5370.2	505271.7	5410131.1	18824.00000	435.27	0	48.844129	-86.928149	56678.25	56232.3	17.71	56695.96	56697.94531	56805.90593	56814.71875	505271.7	5410131.1
L5370.2	505271.7	5410129.4	18824.09961	438.83	0	48.844114	-86.928149	56676.22	56232.3	17.71	56693.93	56695.94922	56797.85034	56806.89063	505271.7	5410129.4
L5370.2	505271.7	5410129.4	18824.19922	441.25	0	48.844114	-86.928149	56674.58	56232.3	17.71	56692.29	56694.34766	56799.99063	56809.25781	505271.7	5410129.4
L5370.2	505271.8	5410128.0	18824.30078	440.96	0	48.844102	-86.928149	56672.32	56232.3	17.71	56690.04	56692.13281	56787.17281	56796.66797	505271.8	5410128.0
L5370.2	505271.8	5410126.4	18824.40039	439.25	0	48.844087	-86.928149	56670.84	56232.3	17.71	56688.55	56690.67969	56793.85028	56803.57031	505271.8	5410126.4
L5370.2	505271.8	5410126.4	18824.50000	436.98	0	48.844087	-86.928149	56668.63	56232.3	17.71	56686.35	56688.51563	56783.04802	56792.99609	505271.8	5410126.4
L5370.2	505271.8	5410124.2	18824.59961	439.26	0	48.844067	-86.928148	56667.20	56232.3	17.72	56684.91	56687.10938	56791.73435	56801.91406	505271.8	5410124.2
L5370.2	505271.8	5410123.2	18824.69922	438.51	0	48.844058	-86.928148	56664.89	56232.3	17.72	56682.60	56684.83594	56778.90997	56789.32031	505271.8	5410123.2
L5370.2	505271.8	5410123.2	18824.80078	437.14	0	48.844058	-86.928148	56663.20	56232.3	17.72	56680.91	56683.17969	56782.04608	56792.68359	505271.8	5410123.2
L5370.2	505271.8	5410121.7	18824.90039	437.41	0	48.844044	-86.928148	56661.12	56232.3	17.72	56678.84	56681.14453	56775.98824	56786.85547	505271.8	5410121.7
L5370.2	505271.8	5410120.0	18825.00000	436.54	0	48.844029	-86.928148	56659.32	56232.3	17.72	56677.04	56679.37891	56777.08078	56788.17578	505271.8	5410120.0
L5370.2	505271.8	5410120.0	18825.09961	432.82	0	48.844029	-86.928148	56657.60	56232.3	17.72	56675.32	56677.69531	56780.54129	56791.86719	505271.8	5410120.0
L5370.2	505271.9	5410118.2	18825.19922	430.62	0	48.844013	-86.928148	56655.36	56232.3	17.73	56673.09	56675.50000	56771.52691	56783.08594	505271.9	5410118.2
L5370.2	505271.9	5410117.2	18825.30078	432.23	0	48.844004	-86.928147	56653.43	56232.3	17.74	56671.16	56673.60547	56770.40586	56782.19141	505271.9	5410117.2
L5370.2	505271.9	5410115.6	18825.40039	437.06	0	48.843990	-86.928147	56651.20	56232.3	17.74	56668.94	56671.41797	56762.33514	56774.35156	505271.9	5410115.6
L5370.2	505271.9	5410115.6	18825.50000	436.88	0	48.843990	-86.928147	56649.42	56232.3	17.74	56667.16	56669.67188	56765.67073	56777.91797	505271.9	5410115.6
L5370.2	505271.9	5410114.1	18825.59961	433.82	0	48.843976	-86.928147	56646.78	56232.3	17.75	56664.53	56667.07422	56747.96385	56760.44141	505271.9	5410114.1

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5370.2	505271.9	5410114.1	18825.69922	433.32	0	48.843976	-86.928147	56645.14	56232.2	17.75	56662.89	56665.46875	56755.48771	56768.19922	505271.9	5410114.1
L5370.2	505272.0	5410112.1	18825.80078	435.04	0	48.843958	-86.928146	56643.04	56232.2	17.76	56660.79	56663.40234	56751.76924	56764.71094	505272.0	5410112.1
L5370.2	505272.0	5410110.9	18825.90039	435.27	0	48.843947	-86.928146	56641.32	56232.2	17.76	56659.08	56661.72656	56758.18212	56771.35156	505272.0	5410110.9
L5370.2	505272.0	5410110.9	18826.00000	431.25	0	48.843947	-86.928146	56639.08	56232.2	17.77	56656.85	56659.52734	56751.83453	56765.23438	505272.0	5410110.9
L5370.2	505272.0	5410109.6	18826.09961	428.33	0	48.843936	-86.928145	56636.86	56232.2	17.77	56654.63	56657.33984	56746.05170	56759.68359	505272.0	5410109.6
L5370.2	505272.1	5410108.1	18826.19922	424.76	0	48.843922	-86.928145	56634.82	56232.2	17.77	56652.59	56655.33203	56745.10446	56758.96875	505272.1	5410108.1
L5370.2	505272.1	5410106.5	18826.30078	419.91	0	48.843908	-86.928144	56632.57	56232.2	17.77	56650.34	56653.11328	56739.17911	56753.27344	505272.1	5410106.5
L5370.2	505272.1	5410106.5	18826.40039	421.43	0	48.843908	-86.928144	56630.75	56232.2	17.77	56648.52	56651.32422	56744.36714	56758.69531	505272.1	5410106.5
L5370.2	505272.2	5410104.4	18826.50000	423.51	0	48.843889	-86.928144	56628.25	56232.2	17.76	56646.02	56648.85156	56732.74601	56747.30469	505272.2	5410104.4
L5370.2	505272.2	5410104.4	18826.59961	425.80	0	48.843889	-86.928144	56626.34	56232.2	17.76	56644.11	56646.97266	56736.25204	56751.04297	505272.2	5410104.4
L5370.2	505272.2	5410103.1	18826.69922	428.10	0	48.843878	-86.928143	56623.87	56232.2	17.76	56641.63	56644.52344	56725.70492	56740.73047	505272.2	5410103.1
L5370.2	505272.2	5410103.1	18826.80078	431.99	0	48.843878	-86.928143	56621.92	56232.2	17.76	56639.68	56642.60156	56728.76506	56744.02344	505272.2	5410103.1
L5370.2	505272.2	5410101.3	18826.90039	436.80	0	48.843862	-86.928143	56619.42	56232.2	17.76	56637.18	56640.12891	56718.26401	56733.75391	505272.2	5410101.3
L5370.2	505272.3	5410099.7	18827.00000	439.63	0	48.843847	-86.928142	56617.28	56232.2	17.76	56635.04	56638.01563	56717.08327	56732.80859	505272.3	5410099.7
L5370.2	505272.3	5410098.4	18827.09961	436.53	0	48.843835	-86.928142	56614.98	56232.2	17.76	56632.75	56635.75391	56712.39011	56728.35156	505272.3	5410098.4
L5370.2	505272.3	5410098.4	18827.19922	437.24	0	48.843835	-86.928142	56612.59	56232.2	17.77	56630.36	56633.39063	56705.43608	56721.63281	505272.3	5410098.4
L5370.2	505272.3	5410096.9	18827.30078	435.46	0	48.843821	-86.928141	56610.70	56232.2	17.77	56628.47	56631.52734	56711.30558	56727.73828	505272.3	5410096.9
L5370.2	505272.3	5410096.9	18827.40039	437.56	0	48.843821	-86.928141	56608.09	56232.2	17.78	56625.87	56628.95313	56699.55988	56716.23047	505272.3	5410096.9
L5370.2	505272.4	5410095.4	18827.50000	435.00	0	48.843808	-86.928141	56605.84	56232.2	17.78	56623.62	56626.72656	56696.85251	56713.75781	505272.4	5410095.4
L5370.2	505272.4	5410094.1	18827.59961	433.49	0	48.843796	-86.928141	56603.14	56232.2	17.78	56620.93	56624.06250	56683.30780	56700.45313	505272.4	5410094.1
L5370.2	505272.4	5410092.6	18827.69922	428.27	0	48.843783	-86.928140	56601.28	56232.2	17.79	56619.07	56622.22656	56690.86068	56708.25000	505272.4	5410092.6
L5370.2	505272.4	5410092.6	18827.80078	419.96	0	48.843783	-86.928140	56598.76	56232.2	17.79	56616.55	56619.73047	56682.02963	56699.66016	505272.4	5410092.6
L5370.2	505272.4	5410091.2	18827.90039	420.71	0	48.843770	-86.928140	56596.86	56232.2	17.80	56614.66	56617.86328	56689.25232	56707.12500	505272.4	5410091.2
L5370.2	505272.4	5410089.8	18828.00000	424.14	0	48.843758	-86.928140	56594.36	56232.2	17.80	56612.16	56615.38281	56681.33466	56699.45313	505272.4	5410089.8
L5370.2	505272.5	5410088.5	18828.09961	425.54	0	48.843746	-86.928140	56592.07	56232.2	17.80	56609.87	56613.11719	56678.89313	56697.25781	505272.5	5410088.5
L5370.2	505272.5	5410088.5	18828.19922	427.90	0	48.843746	-86.928140	56589.16	56232.2	17.80	56606.96	56610.22656	56661.04520	56679.66016	505272.5	5410088.5
L5370.2	505272.5	5410087.2	18828.30078	432.74	0	48.843735	-86.928139	56586.42	56232.2	17.80	56604.22	56607.50781	56647.65255	56666.51563	505272.5	5410087.2
L5370.2	505272.5	5410085.7	18828.40039	434.20	0	48.843721	-86.928139	56584.26	56232.2	17.80	56602.06	56605.36719	56649.01938	56668.13672	505272.5	5410085.7
L5370.2	505272.5	5410084.4	18828.50000	436.61	0	48.843709	-86.928139	56581.81	56232.2	17.79	56599.60	56602.92188	56643.00518	56662.37500	505272.5	5410084.4
L5370.2	505272.5	5410084.4	18828.59961	434.91	0	48.843709	-86.928139	56579.80	56232.2	17.79	56597.59	56600.92969	56648.46515	56668.08984	505272.5	5410084.4
L5370.2	505272.5	5410082.9	18828.69922	437.01	0	48.843695	-86.928139	56577.16	56232.2	17.79	56594.96	56598.32031	56638.47984	56658.36719	505272.5	5410082.9
L5370.2	505272.6	5410081.5	18828.80078	438.62	0	48.843683	-86.928139	56574.89	56232.2	17.79	56592.68	56596.05469	56637.43733	56657.58594	505272.6	5410081.5
L5370.2	505272.6	5410081.5	18828.90039	437.61	0	48.843683	-86.928139	56572.06	56232.2	17.79	56589.85	56593.24219	56622.69351	56643.10156	505272.6	5410081.5
L5370.2	505272.6	5410080.4	18829.00000	433.80	0	48.843673	-86.928139	56569.56	56232.2	17.79	56587.35	56590.75391	56616.37260	56637.04688	505272.6	5410080.4
L5370.2	505272.6	5410079.1	18829.09961	429.56	0	48.843662	-86.928138	56567.09	56232.2	17.79	56584.88	56588.30078	56610.92068	56631.86328	505272.6	5410079.1
L5370.2	505272.6	5410077.8	18829.19922	422.28	0	48.843650	-86.928138	56564.86	56232.2	17.80	56582.65	56586.08203	56611.61065	56632.82422	505272.6	5410077.8
L5370.2	505272.6	5410077.8	18829.30078	422.73	0	48.843650	-86.928138	56562.67	56232.2	17.80	56580.47	56583.91406	56613.65488	56635.14453	505272.6	5410077.8
L5370.2	505272.6	5410076.3	18829.40039	426.63	0	48.843636	-86.928138	56559.96	56232.2	17.80	56577.76	56581.21484	56602.45682	56624.21875	505272.6	5410076.3
L5370.2	505272.6	5410074.9	18829.50000	427.69	0	48.843624	-86.928138	56557.34	56232.2	17.81	56575.14	56578.60547	56593.60074	56615.64063	505272.6	5410074.9
L5370.2	505272.6	5410073.7	18829.59961	430.01	0	48.843612	-86.928137	56554.71	56232.2	17.81	56572.51	56575.98828	56584.56220	56606.88672	505272.6	5410073.7
L5370.2	505272.7	5410072.4	18829.69922	433.22	0	48.843601	-86.928137	56552.56	56232.2	17.81	56570.37	56573.85547	56587.90710	56610.51563	505272.7	5410072.4
L5370.2	505272.7	5410072.4	18829.80078	433.85	0	48.843601	-86.928137	56549.81	56232.2	17.81	56567.62	56571.11328	56575.95990	56598.85547	505272.7	5410072.4
L5370.2	505272.7	5410070.8	18829.90039	433.92	0	48.843587	-86.928137	56547.66	56232.2	17.82	56565.48	56568.98438	56579.39482	56602.58203	505272.7	5410070.8
L5370.2	505272.7	5410069.4	18830.00000	434.63	0	48.843574	-86.928137	56545.16	56232.2	17.82	56562.98	56566.48828	56573.80567	56597.28516	505272.7	5410069.4
L5370.2	505272.7	5410068.2	18830.09961	435.17	0	48.843563	-86.928136	56542.66	56232.2	17.82	56560.48	56563.99609	56568.23671	56592.01172	505272.7	5410068.2
L5370.2	505272.7	5410068.2	18830.19922	435.43	0	48.843563	-86.928136	56539.83	56232.2	17.83	56557.65	56561.17188	56554.37803	56578.45313	505272.7	5410068.2
L5370.2	505272.7	5410066.5	18830.30078	435.40	0	48.843549	-86.928136	56537.58	56232.2	17.83	56555.41	56558.93359	56555.35810	56579.73438	505272.7	5410066.5
L5370.2	505272.7	5410066.5	18830.40039	434.34	0	48.843549	-86.928136	56535.21	56232.2	17.83	56553.04	56556.56641	56553.05795	56577.74219	505272.7	5410066.5
L5370.2	505272.8	5410065.1	18830.50000	432.06	0	48.843536	-86.928136	56532.50	56232.2	17.83	56550.34	56553.87109	56542.43691	56567.42578	505272.8	5410065.1
L5370.2	505272.8	5410063.6	18830.59961	430.60	0	48.843522	-86.928136	56530.31	56232.2	17.84	56548.15	56551.67969	56544.61108	56569.91016	505272.8	5410063.6
L5370.2	505272.8	5410063.6	18830.69922	430.95	0	48.843522	-86.928136	56527.48	56232.2	17.84	56545.32	56548.85156	56530.64630	56556.26172	505272.8	5410063.6
L5370.2	505272.8	5410062.4	18830.80078	427.21	0	48.843511	-86.928135	56525.18	56232.2	17.84	56543.02	56546.55469	56529.95824	56555.89063	505272.8	5410062.4
L5370.2	505272.8	5410061.4	18830.90039	428.18	0	48.843503	-86.928135	56522.47	56232.2	17.85	56540.32	56543.85156	56519.14573	56545.39453	505272.8	5410061.4
L5370.2	505272.8	5410060.2	18831.00000	428.91	0	48.843491	-86.928135	56520.28	56232.2	17.85	56538.13	56541.66016	56521.08504	56547.65625	505272.8	5410060.2
L5370.2	505272.8	5410060.2	18831.09961	429.65	0	48.843491	-86.928135	56517.65	56232.1	17.85	56535.50	56539.02734	56511.87184	56538.76563	505272.8	5410060.2
L5370.2	505272.8	5410058.7	18831.19922	429.97	0	48.843478	-86.928135	56515.33	56232.1	17.85	56533.18	56536.70313	56510.35811	56537.58203	505272.8	5410058.7
L5370.2	505272.8	5410057.6	18831.30078	433.06	0	48.843468	-86.928135	56512.63	56232.1	17.86	56530.48	56534.00000	56499.17859	56526.73047	505272.8	5410057.6
L5370.2	505272.8	5410057.6	18831.40039	435.23	0	48.843468	-86.928135	56510.20	56232.1	17.86	56528.06	56531.57422	56494.92155	56522.80469	505272.8	5410057.6
L5370.2	505272.8	5410055.8	18831.50000	435.40	0	48.843452	-86.928135	56507.77	56232.1	17.86	56525.63	56529.13672	56490.28195	56518.50000	505272.8	5410055.8
L5370.2	505272.8	5410054.5	18831.59961	431.71	0	48.843440	-86.928136	56505.38	56232.1	17.86	56523.24	56526.74219	56486.50597	56515.05859	505272.8	5410054.5
L5370.2	505272.8	5410053.5	18831.69922	428.55	0	48.843431	-86.928136	56502.90	56232.1	17.86	56520.76	56524.25391	56480.31261	56509.20313	505272.8	5410053.5
L5370.2	505272.8	5410053.5	18831.80078	428.98	0	48.843431	-86.928136	56500.22	56232.1	17.87	56518.08	56521.56641	56468.92385	56498.15625	505272.8	5410053.5
L5370.2	505272.8	5410052.5	18831.90039	429.03	0	48.843422	-86.928136	56497.97	56232.1	17.87	56515.84	56519.31641	56468.42477	56498.00000	505272.8	5410052.5
L5370.2	505272.8	5410051.2	18832.00000	428.59	0	48.843410	-86.928136	56495.29	56232.1	17.87	56513.16	56516.62500	56456.67118	56486.58594	505272.8	5410051.2
L5370.2	505272.8	5410050.1	18832.09961	430.13	0	48.843401	-86.928136	56493.10	56232.1	17.87	56510.97	56514.42578	56457.04188	56487.30078	505272.8	5410050.1
L5370.2	505272.8	5410050.1	18832.19922	429.92	0	48.843401	-86.928136	56490.70	56232.1	17.87	56508.57	56512.01172	56451.91983	56482.52734	505272.8	5410050.1
L5370.2	505272.7	5410048.4	18832.30078	431.62	0	48.843385	-86.928137	56488.36	56232.1	17.87	56506.22	56509.65234	56447.83279	56478.78906	505272.7	5410048.4
L5370.2	505272.7	5410047.3	18832.40039	431.22	0	48.843376	-86.928137	56485.98	56232.1	17.87	56503.84	56507.25781	56442.75725	56474.05859	505272.7	5410047.3
L5370.2	505272.7	5410047.3	18832.50000	431.22	0	48.843376	-86.928137	56483.58	56232.1	17.86	56501.44	56504.84375	56436.93334	56468.58203	505272.7	5410047.3
L5370.2	505272.7	5410046.1	18832.59961	432.45	0	48.843365	-86.928137	56481.16	56232.1	17.86	56499.02	56502.40625	56430.34968	56462.34766	505272.7	5410046.1
L5370.2	505272.7	5410044.9	18832.69922	432.70	0	48.843354	-86.928137	56478.73	56232.1	17.86	56496.60	56499.97266	56423.49799	56455.84766	505272.7	5410044.9
L5370.2	505272.7	5410044.9	18832.80078	433.36	0	48.843354	-86.928137	56476.48	56232.1	17.86	56494.34	56497.69531	56420.39114	56453.08984	505272.7	5410044.9
L5370.2	505272.7	5410043.6	18832.90039	433.55	0	48.843342	-86.928138	56474.12	56232.1	17.86	56491.98	56495.31641	56414.47873	56447.52734	505272.7	5410043.6
L5370.2	505272.6	5410042.4	18833.00000	436.71	0	48.843332	-86.928138	56471.99	56232.1	17.86	56489.85	56493.16797	56414.04944	56447.44531	505272.6	5410042.4
L5370.2	505272.6	5410042.4	18833.09961	436.42	0	48.843332	-86.928138	56469.57	56232.1	17.86	56487.43	56490.73047	56406.01383	56439.76172	505272.6	5410042.4
L5370.2	505272.6	5410041.2	18833.19922	436.76	0	48.843320	-86.928138	56467.53	56232.1	17.86	56485.39	56488.67188	56407.21204	56441.30859	505272.6	5410041.2
L5370.2	505272.6	5410040.2	18833.30078	436.73	0	48.843311	-86.928138	56465.08	56232.1	17.87	56482.94	56486.19922	56397.76412	56432.20703	505272.6	5410040.2
L5370.2	505272.6	5410040.2	18833.40039	436.61	0	48.843311	-86.928138	56462.96	56232.1	17.87	56480.83	56484.07031	56396.52251	56431.31250	505272.6	5410040.2
L5370.2	505272.6	5410039.2	18833.50000	437.40	0	48.843303	-86.928139	56460.54	56232.1	17.87	56478.41	56481.62891	56387.12863	56422.26172	505272.6	5410039.2
L5370.2	505272.6	5410038.1	18833.59961	433.93	0	48.843293	-86.928139	56458.57	56232.1	17.87	56476.44	56479.63672	56388.68671	56424.16016	505272.6	5410038.1
L5370.2	505272.6	5410037.2	18833.69922	434.33	0	48.843284	-86.928139	56456.43	56232.1	17.87	56474.30	56477.47266	56385.59298	56421.41016	505272.6	5410037.2
L5370.2	505272.6	5410037.2	18833.80078	431.31	0	48.843284	-86.928139	56454.18	56232.1	17.88	56472.06	56475.20703	56379.59793	56415.75391	505272.6	5410037.2
L5370.2	505272.6	5410036.1	18833.90039	429.71	0	48.843274	-86.928139	56451.98	56232.1	17.88	56469.86	56472.98438	56374.21276	56410.70313	505272.6	5410036.1
L5370.2	505272.6	5410035.1	18834.00000	430.58	0	48.843266	-86.928139	56449.79	56232.1	17.88	56467.67	56470.76953	56368.67322	56405.49609	505272.6	5410035.1
L5370.2	505272.6	5410034.0	18834.09961	432.10	0	48.843256	-86.928139	56448.00	56232.1	17.88	56465.89	56468.96094	56373.03013	56410.18359	505272.6	5410034.0
L5370.2	505272.6	5410034.0	18834.19922	432.01	0	48.843256	-86.928139	56445.81	56232.1	17.89	56463.70	56466.74609	56366.65050	56404.13281	505272.6	5410034.0
L5370.2	505272.5	5410032.9	18834.30078	431.84	0	48.843245	-86.928139	56443.82	56232.1	17.89	56461.71	56464.73047	56364.86723	56402.67188	505272.5	5410032.9
L5370.2	505272.5	5410031.8	18834.40039	433.06	0	48.843236	-86.928140	56441.65	56232.1	17.89	56459.54	56462.53125	56358.11414	56396.23828	505272.5	5410031.8
L5370.2	505272.5	5410031.8	18834.50000	434.37	0	48.843236	-86.928140	56439.68	56232.1	17.90	56457.58	56460.54297	56356.19143	56394.62891	505272.5	5410031.8
L5370.2	505272.5	5410030.7	18834.59961	432.52	0	48.843226	-86.928140	56437.52	56232.1	17.90	56455.42	56458.35547	56348.77889	56387.52734	505272.5	5410030.7
L5370.2	505272.5	5410030.7	18834.69922	430.32	0	48.843226	-86.928140	56435.55	56232.1	17.90	56453.45	56456.35547	56345.67722	56384.73438	505272.5	5410030.7
L5370.2	505272.5	5410029.8	18834.80078	432.72	0	48.843218	-86.928140	56433.43	56232.1	17.90	56451.34	56454.21484	56338.57881	56377.93750	505272.5	5410029.8
L5370.2	505272.5	5410029.8	18834.90039	432.32	0	48.843218	-86.928140	56431.62	56232.1	17.91	56449.53	56452.37500	56338.54246	56378.19531	505272.5	5410029.8

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5370.2	505272.4	5410028.7	18835.00000	431.20	0	48.843208	-86.928141	56429.66	56232.1	17.91	56447.57	56450.38281	56334.24304	56374.18359	505272.4	5410028.7
L5370.2	505272.4	5410027.8	18835.09961	433.58	0	48.843200	-86.928141	56427.77	56232.1	17.91	56445.68	56448.46094	56331.20674	56371.43359	505272.4	5410027.8
L5370.2	505272.4	5410026.8	18835.19922	433.95	0	48.843191	-86.928141	56425.93	56232.1	17.91	56443.84	56446.58984	56328.92390	56369.42969	505272.4	5410026.8
L5370.2	505272.4	5410026.8	18835.30078	433.14	0	48.843191	-86.928141	56423.89	56232.1	17.91	56441.80	56444.51953	56321.10048	56361.87500	505272.4	5410026.8
L5370.2	505272.4	5410025.8	18835.40039	433.85	0	48.843182	-86.928141	56422.13	56232.1	17.91	56440.04	56442.72656	56319.80284	56360.84375	505272.4	5410025.8
L5370.2	505272.4	5410025.0	18835.50000	432.85	0	48.843175	-86.928141	56420.21	56232.1	17.92	56438.13	56440.78125	56314.21048	56355.50781	505272.4	5410025.0
L5370.2	505272.4	5410025.0	18835.59961	432.61	0	48.843175	-86.928141	56418.45	56232.1	17.92	56436.37	56438.98828	56311.86331	56353.41016	505272.4	5410025.0
L5370.2	505272.4	5410024.2	18835.69922	432.20	0	48.843168	-86.928141	56416.59	56232.1	17.92	56434.50	56437.08203	56306.21713	56348.00781	505272.4	5410024.2
L5370.2	505272.4	5410023.3	18835.80078	431.80	0	48.843160	-86.928142	56414.95	56232.1	17.92	56432.87	56435.41797	56306.07014	56348.09375	505272.4	5410023.3
L5370.2	505272.4	5410022.4	18835.90039	432.85	0	48.843151	-86.928142	56413.12	56232.1	17.92	56431.04	56433.55469	56300.35172	56342.60156	505272.4	5410022.4
L5370.2	505272.4	5410022.4	18836.00000	432.88	0	48.843151	-86.928142	56411.46	56232.1	17.92	56429.38	56431.85938	56298.36382	56340.83203	505272.4	5410022.4
L5370.2	505272.3	5410021.6	18836.09961	432.46	0	48.843145	-86.928142	56409.65	56232.1	17.92	56427.57	56430.01172	56292.05470	56334.73047	505272.3	5410021.6
L5370.2	505272.3	5410020.8	18836.19922	434.19	0	48.843137	-86.928142	56407.88	56232.1	17.92	56425.80	56428.20703	56286.19992	56329.07813	505272.3	5410020.8
L5370.2	505272.3	5410020.8	18836.30078	432.01	0	48.843137	-86.928142	56406.20	56232.1	17.91	56424.12	56426.48828	56282.05432	56325.12109	505272.3	5410020.8
L5370.2	505272.3	5410019.7	18836.40039	431.46	0	48.843128	-86.928142	56404.62	56232.1	17.91	56422.53	56424.86328	56279.61564	56322.86328	505272.3	5410019.7
L5370.2	505272.3	5410019.1	18836.50000	430.72	0	48.843121	-86.928143	56403.09	56232.1	17.91	56421.00	56423.29688	56278.12744	56321.54688	505272.3	5410019.1
L5370.2	505272.3	5410019.1	18836.59961	429.11	0	48.843121	-86.928143	56401.30	56232.1	17.91	56419.21	56421.46875	56269.54001	56313.12109	505272.3	5410019.1
L5370.2	505272.3	5410018.3	18836.69922	430.37	0	48.843114	-86.928143	56399.85	56232.1	17.91	56417.75	56419.96875	56268.69129	56312.42188	505272.3	5410018.3
L5370.2	505272.3	5410017.5	18836.80078	430.71	0	48.843107	-86.928143	56398.22	56232.1	17.90	56416.12	56418.30078	56263.00522	56306.87891	505272.3	5410017.5
L5370.2	505272.3	5410016.8	18836.90039	432.59	0	48.843101	-86.928143	56396.78	56232.1	17.90	56414.68	56416.82422	56261.53590	56305.53516	505272.3	5410016.8
L5370.2	505272.3	5410016.8	18837.00000	433.94	0	48.843101	-86.928143	56395.23	56232.1	17.90	56413.13	56415.23438	56256.73831	56300.85547	505272.3	5410016.8
L5370.2	505272.2	5410016.0	18837.09961	439.77	0	48.843094	-86.928144	56393.80	56232.1	17.90	56411.70	56413.76563	56254.39780	56298.62109	505272.2	5410016.0
L5370.2	505272.2	5410016.0	18837.19922	437.40	0	48.843094	-86.928144	56392.09	56232.1	17.91	56410.00	56412.02734	56244.70664	56289.02734	505272.2	5410016.0
L5370.2	505272.2	5410014.8	18837.30078	436.62	0	48.843083	-86.928144	56390.66	56232.1	17.91	56408.57	56410.55859	56241.24779	56285.65234	505272.2	5410014.8
L5370.2	505272.2	5410014.8	18837.40039	434.86	0	48.843083	-86.928144	56389.36	56232.1	17.92	56407.28	56409.23047	56240.75361	56285.23047	505272.2	5410014.8
L5370.2	505272.2	5410014.2	18837.50000	432.70	0	48.843078	-86.928144	56388.11	56232.1	17.92	56406.03	56407.94141	56240.71143	56285.24609	505272.2	5410014.2
L5370.2	505272.2	5410014.2	18837.59961	437.37	0	48.843078	-86.928144	56386.91	56232.1	17.92	56404.83	56406.70313	56241.37557	56285.96094	505272.2	5410014.2
L5370.2	505272.2	5410013.4	18837.69922	432.14	0	48.843071	-86.928144	56385.33	56232.1	17.93	56403.26	56405.08984	56232.18598	56276.80469	505272.2	5410013.4
L5370.2	505272.2	5410012.9	18837.80078	433.53	0	48.843066	-86.928145	56384.13	56232.1	17.93	56402.06	56403.85156	56231.75798	56276.39844	505272.2	5410012.9
L5370.2	505272.2	5410012.1	18837.90039	440.62	0	48.843058	-86.928145	56382.77	56232.1	17.94	56400.71	56402.46094	56227.01728	56271.66797	505272.2	5410012.1
L5370.2	505272.2	5410012.1	18838.00000	438.47	0	48.843058	-86.928145	56381.65	56232.1	17.94	56399.59	56401.30078	56227.52577	56272.17188	505272.2	5410012.1
L5370.2	505272.2	5410011.6	18838.09961	437.17	0	48.843055	-86.928145	56380.27	56232.1	17.94	56398.21	56399.88281	56220.96457	56265.59766	505272.2	5410011.6
L5370.2	505272.2	5410011.0	18838.19922	438.09	0	48.843049	-86.928145	56379.20	56232.1	17.94	56397.14	56398.77344	56221.67508	56266.27734	505272.2	5410011.0
L5370.2	505272.2	5410010.5	18838.30078	433.32	0	48.843044	-86.928145	56377.90	56232.1	17.94	56395.84	56397.43359	56216.08173	56260.64063	505272.2	5410010.5
L5370.2	505272.2	5410010.5	18838.40039	435.61	0	48.843044	-86.928145	56376.70	56232.1	17.94	56394.64	56396.19141	56212.49056	56256.99219	505272.2	5410010.5
L5370.2	505272.1	5410010.1	18838.50000	438.59	0	48.843040	-86.928145	56375.63	56232.1	17.94	56393.57	56395.08203	56211.66281	56256.09766	505272.1	5410010.1
L5370.2	505272.1	5410010.1	18838.59961	439.07	0	48.843040	-86.928145	56374.50	56232.1	17.94	56392.44	56393.91406	56208.82694	56253.17578	505272.1	5410010.1
L5370.2	505272.1	5410009.4	18838.69922	437.88	0	48.843035	-86.928145	56373.46	56232.1	17.94	56391.40	56392.83203	56207.76308	56252.01563	505272.1	5410009.4
L5370.2	505272.1	5410008.9	18838.80078	437.29	0	48.843030	-86.928145	56372.26	56232.1	17.94	56390.20	56391.59375	56202.19144	56246.33594	505272.1	5410008.9
L5370.2	505272.1	5410008.4	18838.90039	435.05	0	48.843026	-86.928146	56371.24	56232.1	17.94	56389.18	56390.53516	56200.67163	56244.69141	505272.1	5410008.4
L5370.2	505272.1	5410008.4	18839.00000	433.55	0	48.843026	-86.928146	56370.09	56232.1	17.94	56388.03	56389.34375	56195.41557	56239.29688	505272.1	5410008.4
L5370.2	505272.1	5410007.8	18839.09961	433.66	0	48.843020	-86.928146	56369.17	56232.1	17.94	56387.11	56388.38672	56195.48664	56239.21484	505272.1	5410007.8
L5370.2	505272.1	5410007.3	18839.19922	433.46	0	48.843016	-86.928146	56368.41	56232.1	17.95	56386.35	56387.58594	56199.13373	56242.69531	505272.1	5410007.3
L5370.2	505272.1	5410007.3	18839.30078	437.46	0	48.843016	-86.928146	56367.54	56232.1	17.95	56385.49	56386.68750	56199.82743	56243.21094	505272.1	5410007.3
L5370.2	505272.1	5410006.7	18839.40039	439.49	0	48.843010	-86.928146	56366.68	56232	17.95	56384.63	56385.78906	56200.09298	56243.28125	505272.1	5410006.7
L5370.2	505272.1	5410006.3	18839.50000	440.70	0	48.843007	-86.928146	56365.88	56232	17.96	56383.83	56384.94922	56201.44993	56244.43359	505272.1	5410006.3
L5370.2	505272.1	5410006.0	18839.59961	439.32	0	48.843003	-86.928146	56365.04	56232	17.96	56382.99	56384.07031	56201.39403	56244.15625	505272.1	5410006.0
L5370.2	505272.1	5410006.0	18839.69922	442.42	0	48.843003	-86.928146	56364.02	56232	17.96	56381.98	56383.01953	56196.66683	56239.19531	505272.1	5410006.0
L5370.2	505272.1	5410005.5	18839.80078	442.82	0	48.843000	-86.928146	56363.15	56232	17.96	56381.11	56382.11328	56195.07655	56237.35547	505272.1	5410005.5
L5370.2	505272.1	5410005.5	18839.90039	442.49	0	48.843000	-86.928146	56362.36	56232	17.97	56380.33	56381.29297	56195.37742	56237.39453	505272.1	5410005.5
L5370.2	505272.0	5410005.1	18840.00000	439.10	0	48.842996	-86.928146	56361.79	56232	17.97	56379.76	56380.68750	56200.59959	56242.33984	505272.0	5410005.1
L5370.2	505272.0	5410004.8	18840.09961	439.35	0	48.842993	-86.928147	56361.16	56232	17.97	56379.13	56380.01953	56203.96467	56245.41797	505272.0	5410004.8
L5370.2	505272.0	5410004.8	18840.19922	440.48	0	48.842993	-86.928147	56360.60	56232	17.97	56378.57	56379.42188	56208.75486	56249.90625	505272.0	5410004.8
L5370.2	505272.0	5410004.4	18840.30078	439.10	0	48.842989	-86.928147	56360.01	56232	17.97	56377.98	56378.79297	56212.46791	56253.30469	505272.0	5410004.4
L5370.2	505272.0	5410004.0	18840.40039	434.83	0	48.842986	-86.928147	56359.42	56232	17.97	56377.38	56378.15625	56215.61993	56256.12891	505272.0	5410004.0
L5370.2	505272.0	5410003.7	18840.50000	428.74	0	48.842983	-86.928147	56358.68	56232	17.97	56376.65	56377.39063	56215.20611	56255.37500	505272.0	5410003.7
L5370.2	505272.0	5410003.4	18840.59961	426.92	0	48.842981	-86.928147	56358.12	56232	17.96	56376.08	56376.78516	56218.53370	56258.34766	505272.0	5410003.4
L5370.2	505272.0	5410003.4	18840.69922	427.55	0	48.842981	-86.928147	56357.38	56232	17.96	56375.34	56376.00781	56217.31665	56256.76563	505272.0	5410003.4
L5370.2	505272.0	5410003.1	18840.80078	431.25	0	48.842978	-86.928147	56356.90	56232	17.96	56374.86	56375.49219	56222.38368	56261.45703	505272.0	5410003.1
L5370.2	505272.0	5410003.1	18840.90039	430.78	0	48.842978	-86.928147	56356.59	56232	17.96	56374.55	56375.14844	56231.48529	56270.16406	505272.0	5410003.1
L5370.2	505272.0	5410002.8	18841.00000	431.72	0	48.842975	-86.928147	56356.05	56232	17.96	56374.01	56374.57422	56234.57533	56272.85156	505272.0	5410002.8
L5370.2	505272.0	5410002.8	18841.09961	432.92	0	48.842975	-86.928147	56355.72	56232	17.96	56373.69	56374.21875	56242.98601	56280.84766	505272.0	5410002.8
L5370.2	505272.0	5410002.6	18841.19922	434.24	0	48.842974	-86.928147	56355.21	56232	17.97	56373.18	56373.67578	56246.41996	56283.85938	505272.0	5410002.6
L5370.2	505272.0	5410002.4	18841.30078	435.59	0	48.842972	-86.928147	56354.78	56232	17.97	56372.75	56373.21094	56251.68245	56288.68359	505272.0	5410002.4
L5370.2	505272.0	5410002.4	18841.40039	435.57	0	48.842972	-86.928147	56354.42	56232	17.98	56372.39	56372.81641	56258.53663	56295.08984	505272.0	5410002.4
L5370.2	505272.0	5410002.2	18841.50000	434.53	0	48.842969	-86.928147	56354.17	56232	17.98	56372.15	56372.54297	56268.25475	56304.34766	505272.0	5410002.2
L5370.2	505272.0	5410002.1	18841.59961	437.27	0	48.842968	-86.928147	56353.73	56232	17.98	56371.72	56372.08203	56273.05483	56308.67969	505272.0	5410002.1
L5370.2	505272.0	5410001.9	18841.69922	437.49	0	48.842967	-86.928147	56353.40	56232	17.99	56371.39	56371.71875	56280.24544	56315.39453	505272.0	5410001.9
L5370.2	505272.0	5410001.9	18841.80078	439.62	0	48.842967	-86.928147	56352.98	56232	17.99	56370.98	56371.27734	56285.31424	56319.97266	505272.0	5410001.9
L5370.2	505272.0	5410001.8	18841.90039	437.83	0	48.842966	-86.928147	56352.87	56232	18.00	56370.86	56371.12891	56297.58191	56331.74219	505272.0	5410001.8
L5370.2	505272.0	5410001.7	18842.00000	437.90	0	48.842965	-86.928147	56352.76	56232	18.00	56370.76	56370.99609	56310.27255	56343.92188	505272.0	5410001.7
L5370.2	505272.0	5410001.7	18842.09961	437.01	0	48.842965	-86.928147	56352.58	56232	18.00	56370.58	56370.78516	56320.88589	56354.01953	505272.0	5410001.7
L5370.2	505272.0	5410001.6	18842.19922	436.26	0	48.842964	-86.928148	56352.34	56232	18.00	56370.33	56370.50781	56329.68821	56362.29688	505272.0	5410001.6
L5370.2	505272.0	5410001.5	18842.30078	443.75	0	48.842964	-86.928148	56352.30	56232	18.00	56370.30	56370.44922	56343.98796	56376.06250	505272.0	5410001.5
L5370.2	505272.0	5410001.5	18842.40039	438.18	0	48.842964	-86.928148	56352.20	56232	18.00	56370.20	56370.32031	56356.50605	56388.03906	505272.0	5410001.5
L5370.2	505272.0	5410001.4	18842.50000	437.05	0	48.842963	-86.928148	56352.22	56232	18.00	56370.22	56370.31250	56372.03567	56403.01953	505272.0	5410001.4
L5370.2	505271.9	5410001.3	18842.59961	435.37	0	48.842962	-86.928148	56351.89	56232	17.99	56369.89	56369.95313	56378.77039	56409.19531	505271.9	5410001.3
L5370.2	505271.9	5410001.3	18842.69922	435.34	0	48.842962	-86.928148	56351.77	56232	17.99	56369.76	56369.79688	56390.55748	56420.42188	505271.9	5410001.3
L5370.2	505271.9	5410001.2	18842.80078	438.34	0	48.842960	-86.928148	56351.51	56232	17.99	56369.50	56369.50781	56399.11136	56428.40234	505271.9	5410001.2
L5370.2	505271.9	5410001.0	18842.90039	438.03	0	48.842959	-86.928148	56351.28	56232	17.99	56369.27	56369.25391	56408.47019	56437.18359	505271.9	5410001.0
L5370.2	505271.9	5410001.0	18843.00000	439.69	0	48.842959	-86.928148	56351.08	56232	17.99	56369.07	56369.02734	56418.64785	56446.78125	505271.9	5410001.0
L5370.2	505271.9	5410000.8	18843.09961	438.81	0	48.842957	-86.928148	56350.57	56232	17.99	56368.56	56368.49219	56421.10674	56448.65234	505271.9	5410000.8
L5370.2	505271.9	5410000.7	18843.19922	440.66	0	48.842956	-86.928148	56350.31	56232	17.99	56368.30	56368.21094	56429.94482	56456.89844	505271.9	5410000.7
L5370.2	505271.9	5410000.4	18843.30078	443.67	0	48.842954	-86.928148	56349.96	56232	18.00	56367.95	56367.83594	56436.62409	56462.98047	505271.9	5410000.4
L5370.2	505271.9	5410000.3	18843.40039	441.52	0	48.842953	-86.928148	56349.72	56232	18.00	56367.72	56367.58203	56446.43927	56472.19141	505271.9	5410000.3
L5370.2	505271.9	5410000.3	18843.50000	438.63	0	48.842953	-86.928148	56349.04	56232	18.00	56367.04	56366.87891	56445.06723	56470.21484	505271.9	5410000.3
L5370.2	505272.0	5410000.1	18843.59961	432.89	0	48.842951	-86.928148	56348.50	56232	18.00	56366.50	56366.32031	56447.35951	56471.89844	505272.0	5410000.1
L5370.2	505272.0	5409999.9	18843.69922	430.68	0	48.842949	-86.928148	56347.91	56232	18.00	56365.92	56365.71875	56448.80128	56472.72656	505272.0	5409999.9
L5370.2	505272.0	5409999.7	18843.80078	431.41	0	48.842947	-86.928148	56347.38	56232	18.01	56365.38	56365.15625	56451.41663	56474.72656	505272.0	5409999.7
L5370.2	505272.0	5409999.7	18843.90039	435.13	0	48.842947	-86.928148	56346.67	56232	18.01	56364.68	56364.43750	56450.18714	56472.87891	505272.0	5409999.7
L5370.2	505272.0	5409999.4	18844.00000	433.78	0	48.842944	-86.928148	56346.05	56232	18.01	56364.06	56363.79688	56451.16046	56473.23438	505272.0	5409999.4
L5370.2	505272.0	5409999.0	18844.09961	435.93	0	48.842941	-86.928148	56345.36	56232	18.01	56363.37	56363.08984	56450.57509	56472.02734	505272.0	5409999.0
L5370.2	505271.9	5409998.8	18844.19922	436.18	0	48.842939	-86.928148	56344.74	56232	18.01	56362.75	56362.45313	56451.96297	56472.79688	505271.9	5409998.8

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5370.2	505271.9	5409998.8	18844.30078	436.26	0	48.842939	-86.928148	56343.91	56232	18.01	56361.92	56361.60547	56448.29235	56468.50391	505271.9	5409998.8
L5370.2	505271.9	5409998.4	18844.40039	432.19	0	48.842935	-86.928148	56343.32	56232	18.01	56361.33	56360.99609	56450.89125	56470.48047	505271.9	5409998.4
L5370.2	505271.9	5409998.0	18844.50000	430.91	0	48.842932	-86.928148	56342.43	56232	18.01	56360.43	56360.08203	56445.93651	56464.90234	505271.9	5409998.0
L5370.2	505271.9	5409998.0	18844.59961	428.73	0	48.842932	-86.928148	56341.61	56232	18.00	56359.61	56359.24609	56443.24638	56461.58984	505271.9	5409998.0
L5370.2	505271.9	5409997.5	18844.69922	427.34	0	48.842928	-86.928148	56340.79	56232	18.00	56358.79	56358.41406	56440.81787	56458.54297	505271.9	5409997.5
L5370.2	505271.9	5409997.5	18844.80078	428.57	0	48.842928	-86.928148	56339.98	56232	18.00	56357.98	56357.58984	56438.91120	56456.01563	505271.9	5409997.5
L5370.2	505271.9	5409997.1	18844.90039	428.47	0	48.842924	-86.928148	56339.06	56232	18.00	56357.06	56356.65625	56434.51659	56451.00391	505271.9	5409997.1
L5370.2	505271.9	5409996.8	18845.00000	428.36	0	48.842921	-86.928148	56338.14	56232	18.00	56356.14	56355.72266	56430.40855	56446.28125	505271.9	5409996.8
L5370.2	505272.0	5409996.4	18845.09961	429.97	0	48.842917	-86.928148	56337.20	56232	18.00	56355.20	56354.77344	56426.09163	56441.35156	505272.0	5409996.4
L5370.2	505272.0	5409996.4	18845.19922	428.24	0	48.842917	-86.928148	56336.31	56232	18.01	56354.31	56353.87109	56423.33353	56437.98438	505272.0	5409996.4
L5370.2	505272.0	5409995.9	18845.30078	427.87	0	48.842913	-86.928148	56335.28	56232	18.01	56353.29	56352.83984	56417.61384	56431.66016	505272.0	5409995.9
L5370.2	505272.0	5409995.5	18845.40039	426.68	0	48.842910	-86.928148	56334.39	56232	18.01	56352.40	56351.94141	56415.47814	56428.92188	505272.0	5409995.5
L5370.2	505271.9	5409995.1	18845.50000	425.47	0	48.842906	-86.928148	56333.32	56232	18.01	56351.33	56350.86328	56409.13560	56421.98047	505271.9	5409995.1
L5370.2	505271.9	5409995.1	18845.59961	425.58	0	48.842906	-86.928148	56332.34	56232	18.02	56350.36	56349.88672	56405.63398	56417.88281	505271.9	5409995.1
L5370.2	505271.9	5409994.8	18845.69922	425.66	0	48.842903	-86.928148	56331.30	56232	18.02	56349.32	56348.83984	56400.70276	56412.36328	505271.9	5409994.8
L5370.2	505271.9	5409994.3	18845.80078	427.35	0	48.842899	-86.928148	56330.25	56232	18.02	56348.27	56347.78125	56395.85571	56406.93359	505271.9	5409994.3
L5370.2	505271.9	5409994.3	18845.90039	430.46	0	48.842899	-86.928148	56329.19	56232	18.03	56347.22	56346.72656	56391.34862	56401.84766	505271.9	5409994.3
L5370.2	505271.9	5409993.8	18846.00000	430.70	0	48.842894	-86.928148	56328.21	56232	18.03	56346.24	56345.74219	56388.94594	56398.87109	505271.9	5409993.8
L5370.2	505271.9	5409993.8	18846.09961	430.30	0	48.842894	-86.928148	56327.14	56232	18.03	56345.17	56344.66797	56384.62700	56393.98438	505271.9	5409993.8
L5370.2	505271.9	5409993.3	18846.19922	431.10	0	48.842889	-86.928148	56325.99	56232	18.03	56344.02	56343.51563	56378.64637	56387.44531	505271.9	5409993.3
L5370.2	505271.9	5409992.8	18846.30078	432.36	0	48.842885	-86.928149	56324.77	56232	18.03	56342.80	56342.29297	56371.25822	56379.50391	505271.9	5409992.8
L5370.2	505271.9	5409992.8	18846.40039	430.58	0	48.842885	-86.928149	56323.72	56232	18.03	56341.75	56341.24219	56368.50099	56376.19922	505271.9	5409992.8
L5370.2	505271.9	5409992.3	18846.50000	431.41	0	48.842881	-86.928149	56322.68	56232	18.03	56340.71	56340.19922	56366.35240	56373.50781	505271.9	5409992.3
L5370.2	505271.9	5409992.3	18846.59961	430.98	0	48.842881	-86.928149	56321.57	56232	18.03	56339.60	56339.08984	56362.80182	56369.42578	505271.9	5409992.3
L5370.2	505271.8	5409991.8	18846.69922	429.20	0	48.842876	-86.928149	56320.27	56232	18.03	56338.30	56337.78906	56354.83221	56360.93359	505271.8	5409991.8
L5370.2	505271.8	5409991.5	18846.80078	426.90	0	48.842873	-86.928150	56319.23	56232	18.03	56337.26	56336.75391	56353.76211	56359.34766	505271.8	5409991.5
L5370.2	505271.8	5409991.0	18846.90039	427.19	0	48.842869	-86.928150	56318.08	56232	18.03	56336.11	56335.60547	56350.28600	56355.36328	505271.8	5409991.0
L5370.2	505271.8	5409990.7	18847.00000	426.67	0	48.842866	-86.928150	56316.83	56232	18.03	56334.86	56334.35938	56344.65528	56349.23047	505271.8	5409990.7
L5370.2	505271.8	5409990.7	18847.09961	426.42	0	48.842866	-86.928150	56315.71	56232	18.03	56333.74	56333.24219	56342.65419	56346.74219	505271.8	5409990.7
L5370.2	505271.8	5409990.2	18847.19922	425.38	0	48.842861	-86.928150	56314.31	56232	18.03	56332.33	56331.83594	56333.71855	56337.32422	505271.8	5409990.2
L5370.2	505271.8	5409989.7	18847.30078	427.09	0	48.842857	-86.928151	56313.31	56232	18.03	56331.33	56330.84375	56335.45276	56338.58594	505271.8	5409989.7
L5370.2	505271.8	5409989.7	18847.40039	426.33	0	48.842857	-86.928151	56312.11	56232	18.03	56330.14	56329.66016	56332.76479	56335.43359	505271.8	5409989.7
L5370.2	505271.7	5409989.2	18847.50000	426.04	0	48.842853	-86.928151	56310.73	56232	18.03	56328.76	56328.28516	56325.65278	56327.86719	505271.7	5409989.2
L5370.2	505271.7	5409988.8	18847.59961	425.99	0	48.842849	-86.928151	56309.56	56232	18.03	56327.58	56327.11328	56323.92336	56325.69531	505271.7	5409988.8
L5370.2	505271.7	5409988.8	18847.69922	423.90	0	48.842849	-86.928151	56308.11	56232	18.03	56326.14	56325.68359	56316.00463	56317.34375	505271.7	5409988.8
L5370.2	505271.7	5409988.1	18847.80078	424.17	0	48.842843	-86.928151	56307.19	56232	18.03	56325.22	56324.77344	56321.51142	56322.42578	505271.7	5409988.1
L5370.2	505271.7	5409987.6	18847.90039	427.32	0	48.842838	-86.928151	56305.52	56232	18.03	56323.55	56323.11328	56308.49906	56308.99609	505271.7	5409987.6
L5370.2	505271.7	5409987.0	18848.00000	429.02	0	48.842833	-86.928151	56304.57	56232	18.03	56322.60	56322.17578	56313.93585	56314.03125	505271.7	5409987.0
L5370.2	505271.7	5409987.0	18848.09961	435.20	0	48.842833	-86.928151	56302.92	56232	18.03	56320.95	56320.53906	56302.10396	56301.80469	505271.7	5409987.0
L5370.2	505271.7	5409986.5	18848.19922	432.61	0	48.842829	-86.928151	56301.98	56232	18.03	56320.01	56319.60938	56308.46208	56307.78125	505271.7	5409986.5
L5370.2	505271.7	5409986.2	18848.30078	429.73	0	48.842825	-86.928152	56300.27	56232	18.03	56318.30	56317.91406	56295.78282	56294.72656	505271.7	5409986.2
L5370.2	505271.7	5409986.2	18848.40039	429.62	0	48.842825	-86.928152	56299.12	56232	18.03	56317.15	56316.77734	56297.51233	56296.09375	505271.7	5409986.2
L5370.2	505271.7	5409985.6	18848.50000	430.95	0	48.842820	-86.928152	56297.70	56232	18.03	56315.73	56315.37500	56292.77076	56291.00000	505271.7	5409985.6
L5370.2	505271.7	5409985.6	18848.59961	429.50	0	48.842820	-86.928152	56296.43	56232	18.04	56314.47	56314.12891	56292.36810	56290.25391	505271.7	5409985.6
L5370.2	505271.7	5409985.1	18848.69922	425.85	0	48.842816	-86.928152	56295.04	56232	18.04	56313.08	56312.75781	56289.00552	56286.56250	505271.7	5409985.1
L5370.2	505271.6	5409984.5	18848.80078	429.63	0	48.842811	-86.928152	56293.47	56232	18.04	56311.51	56311.20703	56281.42023	56278.65625	505271.6	5409984.5
L5370.2	505271.6	5409984.2	18848.90039	432.10	0	48.842808	-86.928152	56292.38	56232	18.04	56310.42	56310.13281	56286.20632	56283.13281	505271.6	5409984.2
L5370.2	505271.6	5409984.2	18849.00000	431.04	0	48.842808	-86.928152	56290.72	56232	18.04	56308.76	56308.49219	56276.94984	56273.57813	505271.6	5409984.2
L5370.2	505271.6	5409983.7	18849.09961	427.16	0	48.842804	-86.928152	56289.76	56232	18.04	56307.80	56307.55469	56285.58659	56281.92578	505271.6	5409983.7
L5370.2	505271.6	5409983.2	18849.19922	423.61	0	48.842799	-86.928153	56287.84	56232	18.04	56305.88	56305.65625	56270.36032	56266.42188	505271.6	5409983.2
L5370.2	505271.6	5409983.2	18849.30078	425.63	0	48.842799	-86.928153	56286.80	56232	18.04	56304.84	56304.63672	56277.54255	56273.33594	505271.6	5409983.2
L5370.2	505271.6	5409982.6	18849.40039	425.67	0	48.842793	-86.928153	56284.82	56232	18.04	56302.86	56302.67969	56261.35268	56256.88672	505271.6	5409982.6
L5370.2	505271.6	5409982.0	18849.50000	424.49	0	48.842788	-86.928153	56283.68	56232	18.04	56301.73	56301.57422	56266.80450	56262.09375	505271.6	5409982.0
L5370.2	505271.6	5409982.0	18849.59961	423.29	0	48.842788	-86.928153	56282.34	56232	18.05	56300.39	56300.25781	56267.23184	56262.28516	505271.6	5409982.0
L5370.2	505271.6	5409981.6	18849.69922	424.12	0	48.842784	-86.928153	56280.93	56232	18.05	56298.97	56298.86328	56265.89799	56260.72266	505271.6	5409981.6
L5370.2	505271.6	5409981.1	18849.80078	422.40	0	48.842780	-86.928153	56279.79	56232	18.05	56297.84	56297.75781	56272.10238	56266.71094	505271.6	5409981.1
L5370.2	505271.6	5409981.1	18849.90039	425.81	0	48.842780	-86.928153	56277.59	56232	18.05	56295.64	56295.58594	56251.63344	56246.03516	505271.6	5409981.1
L5370.2	505271.5	5409980.5	18850.00000	425.10	0	48.842774	-86.928154	56276.50	56231.9	18.05	56294.55	56294.52344	56259.31354	56253.51953	505271.5	5409980.5
L5370.2	505271.5	5409980.0	18850.09961	424.70	0	48.842770	-86.928154	56274.46	56231.9	18.05	56292.51	56292.51172	56243.32553	56237.34375	505271.5	5409980.0
L5370.2	505271.5	5409980.0	18850.19922	424.03	0	48.842770	-86.928154	56273.73	56231.9	18.05	56291.78	56291.80859	56260.50382	56254.34766	505271.5	5409980.0
L5370.2	505271.5	5409979.4	18850.30078	422.11	0	48.842765	-86.928154	56271.86	56231.9	18.05	56289.91	56289.96875	56249.22245	56242.89844	505271.5	5409979.4
L5370.2	505271.5	5409979.0	18850.40039	421.03	0	48.842761	-86.928154	56271.02	56231.9	18.05	56289.07	56289.16016	56264.05230	56257.57031	505271.5	5409979.0
L5370.2	505271.5	5409979.0	18850.50000	422.68	0	48.842761	-86.928154	56269.08	56231.9	18.06	56287.13	56287.25000	56251.41577	56244.78125	505271.5	5409979.0
L5370.2	505271.5	5409978.6	18850.59961	423.19	0	48.842757	-86.928155	56267.50	56231.9	18.06	56285.56	56285.71094	56248.27824	56241.50391	505271.5	5409978.6
L5370.2	505271.4	5409978.2	18850.69922	421.13	0	48.842754	-86.928155	56265.82	56231.9	18.06	56283.87	56284.05469	56242.30958	56235.40625	505271.4	5409978.2
L5370.2	505271.4	5409977.7	18850.80078	422.50	0	48.842749	-86.928155	56264.02	56231.9	18.06	56282.08	56282.29688	56234.00662	56226.97656	505271.4	5409977.7
L5370.2	505271.4	5409977.7	18850.90039	421.81	0	48.842749	-86.928155	56263.18	56231.9	18.06	56281.24	56281.49219	56249.77166	56242.62891	505271.4	5409977.7
L5370.2	505271.4	5409977.3	18851.00000	420.67	0	48.842746	-86.928155	56261.36	56231.9	18.06	56279.42	56279.70703	56241.05763	56233.80859	505271.4	5409977.3
L5370.2	505271.4	5409976.8	18851.09961	420.24	0	48.842741	-86.928156	56260.56	56231.9	18.06	56278.61	56278.93359	56257.90879	56250.55859	505271.4	5409976.8
L5370.2	505271.4	5409976.8	18851.19922	420.04	0	48.842741	-86.928156	56257.82	56231.9	18.06	56275.88	56276.23828	56226.62747	56219.18750	505271.4	5409976.8
L5370.2	505271.4	5409976.3	18851.30078	421.37	0	48.842737	-86.928156	56257.06	56231.9	18.06	56275.12	56275.51563	56245.04476	56237.52344	505271.4	5409976.3
L5370.2	505271.4	5409975.7	18851.40039	411.26	0	48.842732	-86.928156	56254.61	56231.9	18.06	56272.67	56273.10156	56221.10315	56213.50391	505271.4	5409975.7
L5370.2	505271.4	5409975.3	18851.50000	410.04	0	48.842727	-86.928156	56253.41	56231.9	18.06	56271.47	56271.94141	56228.74073	56221.07031	505271.4	5409975.3
L5370.2	505271.4	5409975.3	18851.59961	416.76	0	48.842727	-86.928156	56252.14	56231.9	18.06	56270.20	56270.71094	56234.75322	56227.01953	505271.4	5409975.3
L5370.2	505271.4	5409974.7	18851.69922	420.24	0	48.842723	-86.928156	56250.63	56231.9	18.06	56268.69	56269.23828	56234.85996	56227.07422	505271.4	5409974.7
L5370.2	505271.3	5409974.2	18851.80078	421.69	0	48.842718	-86.928156	56249.50	56231.9	18.06	56267.56	56268.14844	56244.64960	56236.81250	505271.3	5409974.2
L5370.2	505271.3	5409973.8	18851.90039	423.87	0	48.842714	-86.928157	56246.80	56231.9	18.06	56264.86	56265.49219	56215.07336	56207.19141	505271.3	5409973.8
L5370.2	505271.3	5409973.3	18852.00000	424.46	0	48.842710	-86.928157	56246.08	56231.9	18.06	56264.14	56264.81250	56235.41216	56227.49219	505271.3	5409973.3
L5370.2	505271.3	5409973.3	18852.09961	422.30	0	48.842710	-86.928157	56243.20	56231.9	18.06	56261.26	56261.97266	56201.53728	56193.58594	505271.3	5409973.3
L5370.2	505271.3	5409972.8	18852.19922	418.16	0	48.842706	-86.928157	56242.39	56231.9	18.06	56260.45	56261.20703	56219.83259	56211.85547	505271.3	5409972.8
L5370.2	505271.3	5409972.8	18852.30078	418.16	0	48.842706	-86.928157	56240.70	56231.9	18.06	56258.76	56259.55859	56216.09923	56208.10156	505271.3	5409972.8
L5370.2	505271.3	5409972.2	18852.40039	418.96	0	48.842700	-86.928157	56239.73	56231.9	18.06	56257.80	56258.64453	56230.82631	56222.81250	505271.3	5409972.2
L5370.2	505271.3	5409971.7	18852.50000	417.86	0	48.842695	-86.928157	56237.85	56231.9	18.07	56255.92	56256.80859	56222.51144	56214.48438	505271.3	5409971.7
L5370.2	505271.2	5409971.1	18852.59961	415.76	0	48.842690	-86.928158	56235.74	56231.9	18.07	56253.81	56254.74219	56208.50538	56200.46875	505271.2	5409971.1
L5370.2	505271.2	5409970.8	18852.69922	413.04	0	48.842687	-86.928158	56234.17	56231.9	18.07	56252.23	56253.21094	56207.91964	56199.88281	505271.2	5409970.8
L5370.2	505271.2	5409970.8	18852.80078	416.27	0	48.842687	-86.928158	56231.67	56231.9	18.07	56249.74	56250.76563	56184.53414	56176.49609	505271.2	5409970.8
L5370.2	505271.2	5409970.4	18852.90039	417.88	0	48.842683	-86.928158	56230.93	56231.9	18.07	56249.00	56250.07422	56205.24739	56197.21094	505271.2	5409970.4
L5370.2	505271.2	5409969.8	18853.00000	418.02	0	48.842678	-86.928159	56229.21	56231.9	18.07	56247.28	56248.39844	56201.39516	56193.36719	505271.2	5409969.8
L5370.2	505271.2	5409969.8	18853.09961	417.98	0	48.842678	-86.928159	56228.38	56231.9	18.07	56246.45	56247.61719	56220.00721	56211.98828	505271.2	5409969.8
L5370.2	505271.2	5409969.2	18853.19922	411.20	0	48.842673	-86.928159	56226.23	56231.9	18.07	56244.30	56245.51563	56205.49818	56197.49219	505271.2	5409969.2
L5370.2	505271.1	5409968.8	18853.30078	413.77	0	48.842670	-86.928159	56224.66	56231.9	18.08	56242.73	56243.99609	56205.65276	56197.66406	505271.1	5409968.8
L5370.2	505271.1	5409968.8	18853.40039	413.84	0	48.842670	-86.928159	56222.46	56231.9	18.08	56240.54	56241.85547	56190.28834	56182.31641	505271.1	5409968.8
L5370.2	505271.1	5409968.3	18853.50000	402.31	0	48.842665	-86.928160	56220.38	56231.9	18.08	56238.46	56239.82422	56177.76356	56169.81250	505271.1	5409968.3

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5370.2	505271.1	5409967.9	18853.59961	401.53	0	48.842661	-86.928160	56219.33	56231.9	18.08	56237.41	56238.82813	56191.21594	56183.28906	505271.1	5409967.9
L5370.2	505271.1	5409967.9	18853.69922	412.51	0	48.842661	-86.928160	56217.46	56231.9	18.08	56235.54	56237.00781	56184.11541	56176.21484	505271.1	5409967.9
L5370.2	505271.1	5409967.2	18853.80078	413.34	0	48.842654	-86.928160	56216.65	56231.9	18.09	56234.74	56236.26172	56203.99618	56196.12109	505271.1	5409967.2
L5370.2	505271.1	5409966.7	18853.90039	412.76	0	48.842650	-86.928160	56214.21	56231.9	18.09	56232.30	56233.87109	56182.69884	56174.85156	505271.1	5409966.7
L5370.2	505271.1	5409966.7	18854.00000	417.59	0	48.842650	-86.928160	56213.30	56231.9	18.09	56231.39	56233.01563	56199.95102	56192.13281	505271.1	5409966.7
L5370.2	505271.1	5409966.2	18854.09961	416.22	0	48.842646	-86.928160	56210.59	56231.9	18.09	56228.68	56230.35938	56172.00016	56164.21094	505271.1	5409966.2
L5370.2	505271.0	5409965.9	18854.19922	419.05	0	48.842643	-86.928161	56209.16	56231.9	18.09	56227.24	56228.97266	56176.05917	56168.30078	505271.0	5409965.9
L5370.2	505271.0	5409965.3	18854.30078	419.48	0	48.842638	-86.928161	56207.44	56231.9	18.09	56225.53	56227.31641	56173.39579	56165.67188	505271.0	5409965.3
L5370.2	505271.0	5409965.3	18854.40039	417.37	0	48.842638	-86.928161	56206.02	56231.9	18.09	56224.11	56225.94922	56178.09467	56170.40234	505271.0	5409965.3
L5370.2	505271.0	5409964.8	18854.50000	414.86	0	48.842633	-86.928161	56204.70	56231.9	18.08	56222.78	56224.67578	56185.12599	56177.46484	505271.0	5409964.8
L5370.2	505271.0	5409964.2	18854.59961	414.20	0	48.842628	-86.928161	56202.40	56231.9	18.08	56220.48	56222.42969	56167.83033	56160.20313	505271.0	5409964.2
L5370.2	505271.0	5409964.2	18854.69922	415.78	0	48.842628	-86.928161	56201.27	56231.9	18.08	56219.35	56221.35547	56180.03107	56172.44141	505271.0	5409964.2
L5370.2	505271.0	5409963.6	18854.80078	416.56	0	48.842623	-86.928161	56198.39	56231.9	18.08	56216.48	56218.54297	56148.54005	56140.98438	505271.0	5409963.6
L5370.2	505271.0	5409963.3	18854.90039	413.17	0	48.842619	-86.928161	56197.29	56231.9	18.08	56215.37	56217.48828	56161.38600	56153.86328	505271.0	5409963.3
L5370.2	505271.0	5409962.8	18855.00000	411.33	0	48.842615	-86.928161	56195.35	56231.9	18.08	56213.43	56215.60547	56153.42924	56145.94141	505271.0	5409962.8
L5370.2	505271.0	5409962.8	18855.09961	409.70	0	48.842615	-86.928161	56194.18	56231.9	18.08	56212.26	56214.49219	56164.91214	56157.46094	505271.0	5409962.8
L5370.2	505271.0	5409962.3	18855.19922	410.43	0	48.842611	-86.928161	56192.46	56231.9	18.08	56210.54	56212.83203	56162.63677	56155.21875	505271.0	5409962.3
L5370.2	505271.0	5409961.8	18855.30078	411.89	0	48.842606	-86.928162	56190.40	56231.9	18.08	56208.49	56210.83984	56152.13752	56144.75781	505271.0	5409961.8
L5370.2	505271.0	5409961.3	18855.40039	411.41	0	48.842602	-86.928162	56188.92	56231.9	18.08	56207.00	56209.41016	56155.79991	56148.45313	505271.0	5409961.3
L5370.2	505271.0	5409960.9	18855.50000	410.05	0	48.842598	-86.928162	56186.14	56231.9	18.08	56204.23	56206.69922	56127.34777	56120.03516	505271.0	5409960.9
L5370.2	505271.0	5409960.9	18855.59961	408.86	0	48.842598	-86.928162	56185.17	56231.9	18.09	56203.26	56205.78516	56144.24704	56136.97266	505271.0	5409960.9
L5370.2	505271.0	5409960.5	18855.69922	405.87	0	48.842594	-86.928162	56182.82	56231.9	18.09	56200.91	56203.49609	56126.51952	56119.28125	505271.0	5409960.5
L5370.2	505270.9	5409959.9	18855.80078	403.81	0	48.842589	-86.928162	56182.06	56231.9	18.09	56200.15	56202.79688	56148.86463	56141.66406	505270.9	5409959.9
L5370.2	505270.9	5409959.9	18855.90039	401.93	0	48.842589	-86.928162	56179.98	56231.9	18.09	56198.07	56200.77734	56138.09492	56130.92969	505270.9	5409959.9
L5370.2	505270.9	5409959.3	18856.00000	407.73	0	48.842584	-86.928162	56178.68	56231.9	18.09	56196.77	56199.53906	56147.02862	56139.89844	505270.9	5409959.3
L5370.2	505270.9	5409958.9	18856.09961	408.37	0	48.842580	-86.928162	56176.44	56231.9	18.09	56194.53	56197.35938	56132.40778	56125.31641	505270.9	5409958.9
L5370.2	505270.9	5409958.5	18856.19922	408.66	0	48.842576	-86.928162	56174.47	56231.9	18.09	56192.56	56195.44922	56124.66634	56117.61328	505270.9	5409958.5
L5370.2	505270.9	5409958.5	18856.30078	409.98	0	48.842576	-86.928162	56172.73	56231.9	18.08	56190.82	56193.77344	56122.79970	56115.78906	505270.9	5409958.5
L5370.2	505270.9	5409958.0	18856.40039	410.32	0	48.842572	-86.928162	56170.68	56231.9	18.08	56188.76	56191.77344	56112.97629	56106.00391	505270.9	5409958.0
L5370.2	505270.9	5409957.6	18856.50000	410.08	0	48.842568	-86.928162	56169.54	56231.9	18.08	56187.62	56190.69531	56126.38448	56119.45313	505270.9	5409957.6
L5370.2	505270.9	5409957.1	18856.59961	411.85	0	48.842564	-86.928163	56167.41	56231.9	18.08	56185.49	56188.62891	56114.98747	56108.09766	505270.9	5409957.1
L5370.2	505270.9	5409957.1	18856.69922	411.47	0	48.842564	-86.928163	56166.13	56231.9	18.08	56184.21	56187.41406	56125.06398	56118.21875	505270.9	5409957.1
L5370.2	505270.9	5409956.6	18856.80078	409.08	0	48.842560	-86.928163	56163.63	56231.9	18.07	56181.70	56184.96484	56104.30144	56097.50391	505270.9	5409956.6
L5370.2	505270.9	5409956.0	18856.90039	406.85	0	48.842554	-86.928163	56162.25	56231.9	18.07	56180.33	56183.66016	56112.30833	56105.55859	505270.9	5409956.0
L5370.2	505270.9	5409956.0	18857.00000	408.76	0	48.842554	-86.928163	56160.03	56231.9	18.07	56178.10	56181.49219	56098.78396	56092.08203	505270.9	5409956.0
L5370.2	505270.9	5409955.3	18857.09961	410.40	0	48.842548	-86.928163	56158.34	56231.9	18.07	56176.41	56179.86719	56098.94029	56092.29297	505270.9	5409955.3
L5370.2	505270.9	5409954.9	18857.19922	408.07	0	48.842544	-86.928163	56156.71	56231.9	18.08	56174.79	56178.31250	56100.95716	56094.36328	505270.9	5409954.9
L5370.2	505270.9	5409954.9	18857.30078	402.36	0	48.842544	-86.928163	56154.74	56231.9	18.08	56172.82	56176.40625	56094.27181	56087.73438	505270.9	5409954.9
L5370.2	505270.9	5409954.5	18857.40039	400.56	0	48.842540	-86.928163	56153.38	56231.9	18.09	56171.46	56175.11328	56103.02947	56096.55078	505270.9	5409954.5
L5370.2	505270.8	5409954.0	18857.50000	405.13	0	48.842536	-86.928163	56150.90	56231.9	18.09	56168.99	56172.70703	56083.97103	56077.55469	505270.8	5409954.0
L5370.2	505270.8	5409953.6	18857.59961	405.18	0	48.842532	-86.928164	56149.38	56231.9	18.09	56167.48	56171.26172	56089.15885	56082.80859	505270.8	5409953.6
L5370.2	505270.8	5409953.6	18857.69922	406.01	0	48.842532	-86.928164	56146.97	56231.9	18.10	56165.07	56168.91797	56071.81238	56065.53125	505270.8	5409953.6
L5370.2	505270.8	5409953.0	18857.80078	406.23	0	48.842527	-86.928164	56145.52	56231.9	18.10	56163.62	56167.53516	56078.71199	56072.50391	505270.8	5409953.0
L5370.2	505270.8	5409952.5	18857.90039	408.78	0	48.842523	-86.928165	56143.48	56231.9	18.11	56161.58	56165.56250	56070.87353	56064.74219	505270.8	5409952.5
L5370.2	505270.8	5409952.5	18858.00000	411.25	0	48.842523	-86.928165	56141.98	56231.9	18.11	56160.09	56164.13672	56076.96842	56070.91406	505270.8	5409952.5
L5370.2	505270.7	5409951.9	18858.09961	413.04	0	48.842518	-86.928165	56140.02	56231.9	18.11	56158.13	56162.24609	56071.34209	56065.37500	505270.7	5409951.9
L5370.2	505270.7	5409951.9	18858.19922	409.47	0	48.842518	-86.928165	56137.82	56231.9	18.11	56155.93	56160.11328	56059.77832	56053.89844	505270.7	5409951.9
L5370.2	505270.7	5409951.5	18858.30078	407.05	0	48.842514	-86.928166	56136.08	56231.9	18.11	56154.19	56158.44141	56059.88157	56054.09375	505270.7	5409951.5
L5370.2	505270.6	5409950.9	18858.40039	398.33	0	48.842509	-86.928166	56133.75	56231.9	18.11	56151.86	56156.17578	56045.24215	56039.55469	505270.6	5409950.9
L5370.2	505270.6	5409950.4	18858.50000	397.32	0	48.842504	-86.928167	56132.28	56231.9	18.11	56150.39	56154.77344	56052.32724	56046.74219	505270.6	5409950.4
L5370.2	505270.6	5409950.1	18858.59961	403.55	0	48.842501	-86.928168	56130.16	56231.9	18.11	56148.27	56152.72266	56043.15736	56037.67969	505270.6	5409950.1
L5370.2	505270.5	5409949.7	18858.69922	397.17	0	48.842498	-86.928168	56128.94	56231.9	18.11	56147.05	56151.57031	56056.71434	56051.34766	505270.5	5409949.7
L5370.2	505270.5	5409949.7	18858.80078	393.66	0	48.842498	-86.928168	56127.02	56231.9	18.11	56145.13	56149.72266	56052.75467	56047.50781	505270.5	5409949.7
L5370.2	505270.5	5409949.1	18858.90039	397.47	0	48.842492	-86.928168	56125.30	56231.9	18.11	56143.41	56148.07031	56053.91173	56048.78906	505270.5	5409949.1
L5370.2	505270.5	5409948.6	18859.00000	397.12	0	48.842488	-86.928169	56122.90	56231.9	18.11	56141.01	56145.73828	56038.05016	56033.05469	505270.5	5409948.6
L5370.2	505270.5	5409948.6	18859.09961	396.13	0	48.842488	-86.928169	56121.03	56231.9	18.11	56139.14	56143.93750	56035.59963	56030.73828	505270.5	5409948.6
L5370.2	505270.4	5409948.2	18859.19922	395.91	0	48.842484	-86.928169	56119.23	56231.9	18.11	56137.34	56142.20703	56034.98771	56030.26563	505270.4	5409948.2
L5370.2	505270.4	5409947.7	18859.30078	398.33	0	48.842479	-86.928169	56117.43	56231.9	18.11	56135.54	56140.47656	56034.45053	56029.87500	505270.4	5409947.7
L5370.2	505270.4	5409947.7	18859.40039	392.91	0	48.842479	-86.928169	56115.76	56231.9	18.11	56133.87	56138.87500	56037.25422	56032.83203	505270.4	5409947.7
L5370.2	505270.4	5409947.2	18859.50000	391.97	0	48.842475	-86.928170	56113.99	56231.9	18.11	56132.10	56137.17578	56037.61032	56033.34375	505270.4	5409947.2
L5370.2	505270.4	5409946.6	18859.59961	397.37	0	48.842470	-86.928170	56112.43	56231.9	18.11	56130.54	56135.68750	56043.31165	56039.21094	505270.4	5409946.6
L5370.2	505270.3	5409946.1	18859.69922	398.29	0	48.842465	-86.928170	56110.07	56231.9	18.11	56128.18	56133.39453	56028.95168	56025.01953	505270.3	5409946.1
L5370.2	505270.3	5409945.6	18859.80078	398.81	0	48.842460	-86.928171	56108.31	56231.9	18.11	56126.42	56131.70703	56029.73716	56025.98047	505270.3	5409945.6
L5370.2	505270.3	5409945.6	18859.90039	398.29	0	48.842460	-86.928171	56106.12	56231.9	18.11	56124.23	56129.58594	56019.75812	56016.18359	505270.3	5409945.6
L5370.2	505270.3	5409945.0	18860.00000	397.38	0	48.842455	-86.928171	56104.44	56231.9	18.11	56122.55	56127.97656	56022.65151	56019.26563	505270.3	5409945.0
L5370.2	505270.3	5409944.4	18860.09961	395.83	0	48.842450	-86.928171	56102.61	56231.9	18.11	56120.72	56126.21875	56021.81271	56018.62109	505270.3	5409944.4
L5370.2	505270.3	5409944.4	18860.19922	395.85	0	48.842450	-86.928171	56101.07	56231.9	18.11	56119.18	56124.75000	56028.30284	56025.30859	505270.3	5409944.4
L5370.2	505270.3	5409943.8	18860.30078	393.48	0	48.842445	-86.928171	56099.02	56231.9	18.12	56117.14	56122.78125	56022.24727	56019.46094	505270.3	5409943.8
L5370.2	505270.3	5409943.3	18860.40039	392.98	0	48.842439	-86.928171	56096.77	56231.9	18.12	56114.88	56120.58984	56010.68258	56008.10938	505270.3	5409943.3
L5370.2	505270.3	5409942.8	18860.50000	394.87	0	48.842435	-86.928171	56094.72	56231.9	18.12	56112.84	56118.62109	56004.66926	56002.31250	505270.3	5409942.8
L5370.2	505270.3	5409942.8	18860.59961	401.05	0	48.842435	-86.928171	56092.63	56231.9	18.12	56110.75	56116.60156	55997.41054	55995.27734	505270.3	5409942.8
L5370.2	505270.3	5409942.2	18860.69922	399.04	0	48.842430	-86.928172	56090.92	56231.9	18.12	56109.05	56114.97266	55999.96653	55998.06250	505270.3	5409942.2
L5370.2	505270.3	5409942.2	18860.80078	397.22	0	48.842430	-86.928172	56089.00	56231.9	18.13	56107.13	56113.12500	55996.98882	55995.32422	505270.3	5409942.2
L5370.2	505270.2	5409941.7	18860.90039	399.21	0	48.842425	-86.928172	56087.16	56231.9	18.13	56105.28	56111.34766	55995.76455	55994.33984	505270.2	5409941.7
L5370.2	505270.2	5409941.2	18861.00000	398.28	0	48.842421	-86.928172	56085.18	56231.9	18.13	56103.31	56109.44922	55991.50830	55990.33203	505270.2	5409941.2
L5370.2	505270.2	5409940.6	18861.09961	397.32	0	48.842416	-86.928173	56083.29	56231.9	18.13	56101.41	56107.61719	55988.99181	55988.06641	505270.2	5409940.6
L5370.2	505270.2	5409940.6	18861.19922	400.64	0	48.842416	-86.928173	56081.16	56231.9	18.13	56099.29	56105.57031	55980.91426	55980.24609	505270.2	5409940.6
L5370.2	505270.2	5409940.1	18861.30078	390.70	0	48.842411	-86.928173	56079.11	56231.9	18.13	56097.24	56103.58984	55974.56217	55974.16016	505270.2	5409940.1
L5370.2	505270.2	5409940.1	18861.40039	389.67	0	48.842411	-86.928173	56077.42	56231.9	18.13	56095.54	56101.96094	55976.97040	55976.83594	505270.2	5409940.1
L5370.2	505270.1	5409939.0	18861.50000	399.58	0	48.842401	-86.928174	56075.68	56231.9	18.13	56093.80	56100.29297	55978.32262	55978.46484	505270.1	5409939.0
L5370.2	505270.1	5409939.0	18861.59961	399.85	0	48.842401	-86.928174	56073.77	56231.9	18.12	56091.90	56098.46484	55975.59313	55976.01172	505270.1	5409939.0
L5370.2	505270.1	5409938.5	18861.69922	397.78	0	48.842397	-86.928174	56071.52	56231.9	18.12	56089.65	56096.28516	55963.99551	55964.69922	505270.1	5409938.5
L5370.2	505270.1	5409938.1	18861.80078	397.65	0	48.842393	-86.928174	56069.70	56231.9	18.12	56087.82	56094.52344	55962.88805	55963.88281	505270.1	5409938.1
L5370.2	505270.1	5409938.1	18861.90039	396.67	0	48.842393	-86.928174	56067.78	56231.9	18.12	56085.90	56092.67578	55959.43587	55960.72266	505270.1	5409938.1
L5370.2	505270.0	5409937.5	18862.00000	399.30	0	48.842387	-86.928175	56065.96	56231.9	18.12	56084.08	56090.92578	55958.40958	55959.99609	505270.0	5409937.5
L5370.2	505270.0	5409937.0	18862.09961	399.86	0	48.842383	-86.928175	56063.98	56231.9	18.12	56082.10	56089.01563	55953.26182	55955.15234	505270.0	5409937.0
L5370.2	505270.0	5409936.5	18862.19922	396.13	0	48.842379	-86.928175	56062.14	56231.9	18.13	56080.27	56087.25391	55951.78113	55953.97656	505270.0	5409936.5
L5370.2	505270.0	5409936.1	18862.30078	393.63	0	48.842375	-86.928176	56060.27	56231.9	18.13	56078.40	56085.45313	55949.18056	55951.68750	505270.0	5409936.1
L5370.2	505270.0	5409936.1	18862.40039	394.39	0	48.842375	-86.928176	56058.35	56231.9	18.13	56076.48	56083.60156	55945.20025	55948.02344	505270.0	5409936.1
L5370.2	505269.9	5409935.6	18862.50000	393.78	0	48.842371	-86.928176	56056.29	56231.9	18.14	56074.43	56081.62109	55937.81971	55940.96094	505269.9	5409935.6
L5370.2	505269.9	5409935.2	18862.59961	392.84	0	48.842367	-86.928176	56054.27	56231.9	18.14	56072.41	56079.67188	55931.05462	55934.51953	505269.9	5409935.2
L5370.2	505269.9	5409934.8	18862.69922	393.32	0	48.842363	-86.928177	56052.63	56231.9	18.14	56070.77	56078.09766	55933.69926	55937.48828	505269.9	5409934.8
L5370.2	505269.9	5409934.8	18862.80078	386.48	0	48.842363	-86.928177	56050.84	56231.9	18.14	56068.98	56076.37891	55932.41515	55936.53125	505269.9	5409934.8

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5370.2	505269.9	5409934.3	18862.90039	385.87	0	48.842359	-86.928177	56049.16	56231.9	18.15	56067.31	56074.77344	55933.98445	55938.43359	505269.9	5409934.3
L5370.2	505269.8	5409933.8	18863.00000	391.25	0	48.842355	-86.928177	56047.24	56231.8	18.15	56065.39	56072.92188	55929.09275	55933.87500	505269.8	5409933.8
L5370.2	505269.8	5409933.8	18863.09961	385.12	0	48.842355	-86.928177	56045.32	56231.8	18.15	56063.47	56071.06641	55924.01916	55929.14063	505269.8	5409933.8
L5370.2	505269.8	5409933.2	18863.19922	384.21	0	48.842349	-86.928178	56043.30	56231.8	18.15	56061.45	56069.11328	55916.23999	55921.69922	505269.8	5409933.2
L5370.2	505269.8	5409932.6	18863.30078	392.18	0	48.842344	-86.928179	56041.45	56231.8	18.15	56059.60	56067.33203	55912.53733	55918.33984	505269.8	5409932.6
L5370.2	505269.8	5409932.6	18863.40039	383.70	0	48.842344	-86.928179	56039.60	56231.8	18.15	56057.75	56065.54688	55908.62693	55914.76953	505269.8	5409932.6
L5370.2	505269.7	5409932.0	18863.50000	382.29	0	48.842338	-86.928179	56037.78	56231.8	18.15	56055.93	56063.78906	55905.25472	55911.74219	505269.7	5409932.0
L5370.2	505269.7	5409931.5	18863.59961	382.93	0	48.842334	-86.928179	56036.06	56231.8	18.15	56054.21	56062.13281	55904.17265	55911.00781	505269.7	5409931.5
L5370.2	505269.7	5409931.2	18863.69922	384.31	0	48.842331	-86.928180	56034.12	56231.8	18.15	56052.27	56060.25781	55897.32389	55904.50781	505269.7	5409931.2
L5370.2	505269.7	5409931.2	18863.80078	390.78	0	48.842331	-86.928180	56032.44	56231.8	18.15	56050.59	56058.64063	55896.77228	55904.30469	505269.7	5409931.2
L5370.2	505269.6	5409930.5	18863.90039	389.51	0	48.842325	-86.928180	56030.54	56231.8	18.15	56048.69	56056.80469	55890.43691	55898.31641	505269.6	5409930.5
L5370.2	505269.6	5409929.9	18864.00000	386.85	0	48.842320	-86.928181	56028.80	56231.8	18.15	56046.95	56055.12500	55887.86658	55896.09766	505269.6	5409929.9
L5370.2	505269.6	5409929.9	18864.09961	387.23	0	48.842320	-86.928181	56026.91	56231.8	18.15	56045.06	56053.29688	55881.25610	55889.83594	505269.6	5409929.9
L5370.2	505269.6	5409929.5	18864.19922	387.80	0	48.842316	-86.928181	56025.28	56231.8	18.15	56043.43	56051.72656	55880.90887	55889.83984	505269.6	5409929.5
L5370.2	505269.6	5409928.9	18864.30078	390.04	0	48.842310	-86.928181	56023.46	56231.8	18.15	56041.61	56049.96484	55875.49864	55884.78125	505269.6	5409928.9
L5370.2	505269.5	5409928.4	18864.40039	387.81	0	48.842306	-86.928181	56021.85	56231.8	18.15	56040.00	56048.41406	55875.07740	55884.70703	505269.5	5409928.4
L5370.2	505269.5	5409928.4	18864.50000	386.80	0	48.842306	-86.928181	56020.05	56231.8	18.15	56038.20	56046.67188	55869.57652	55879.55859	505269.5	5409928.4
L5370.2	505269.5	5409927.8	18864.59961	381.58	0	48.842300	-86.928182	56018.20	56231.8	18.15	56036.35	56044.87891	55862.50886	55872.83594	505269.5	5409927.8
L5370.2	505269.5	5409927.8	18864.69922	385.90	0	48.842300	-86.928182	56016.43	56231.8	18.15	56034.58	56043.16406	55857.13584	55867.81250	505269.5	5409927.8
L5370.2	505269.5	5409927.2	18864.80078	392.07	0	48.842295	-86.928182	56014.64	56231.8	18.15	56032.79	56041.42969	55850.93420	55861.95313	505269.5	5409927.2
L5370.2	505269.5	5409927.2	18864.90039	389.76	0	48.842295	-86.928182	56012.91	56231.8	18.15	56031.06	56039.75391	55845.90790	55857.27344	505269.5	5409927.2
L5370.2	505269.5	5409926.7	18865.00000	386.57	0	48.842291	-86.928182	56011.07	56231.8	18.15	56029.22	56037.96875	55837.77323	55849.48047	505269.5	5409926.7
L5370.2	505269.5	5409926.3	18865.09961	387.01	0	48.842287	-86.928182	56009.50	56231.8	18.15	56027.65	56036.44922	55836.07949	55848.12500	505269.5	5409926.3
L5370.2	505269.5	5409925.8	18865.19922	384.80	0	48.842282	-86.928182	56007.83	56231.8	18.15	56025.98	56034.83203	55831.51289	55843.89453	505269.5	5409925.8
L5370.2	505269.5	5409925.3	18865.30078	384.84	0	48.842278	-86.928182	56006.29	56231.8	18.15	56024.44	56033.33984	55829.85020	55842.56641	505269.5	5409925.3
L5370.2	505269.5	5409925.3	18865.40039	380.66	0	48.842278	-86.928182	56004.57	56231.8	18.15	56022.72	56031.66797	55823.28677	55836.33594	505269.5	5409925.3
L5370.2	505269.5	5409924.6	18865.50000	378.99	0	48.842272	-86.928182	56003.00	56231.8	18.15	56021.15	56030.14844	55820.11452	55833.49219	505269.5	5409924.6
L5370.2	505269.5	5409924.1	18865.59961	381.42	0	48.842267	-86.928182	56001.31	56231.8	18.16	56019.47	56028.51172	55813.78642	55827.48828	505269.5	5409924.1
L5370.2	505269.5	5409923.7	18865.69922	381.42	0	48.842264	-86.928182	55999.74	56231.8	18.16	56017.89	56026.98047	55809.57637	55823.60156	505269.5	5409923.7
L5370.2	505269.5	5409923.7	18865.80078	380.10	0	48.842264	-86.928182	55998.07	56231.8	18.16	56016.22	56025.35156	55802.69795	55817.03906	505269.5	5409923.7
L5370.2	505269.6	5409923.3	18865.90039	380.73	0	48.842260	-86.928181	55996.27	56231.8	18.16	56014.43	56023.60547	55792.38893	55807.04297	505269.6	5409923.3
L5370.2	505269.6	5409922.7	18866.00000	380.08	0	48.842255	-86.928181	55994.86	56231.8	18.16	56013.02	56022.23828	55791.21700	55806.18359	505269.6	5409922.7
L5370.2	505269.6	5409922.7	18866.09961	378.77	0	48.842255	-86.928181	55993.18	56231.8	18.16	56011.35	56020.60547	55783.07797	55798.34766	505269.6	5409922.7
L5370.2	505269.6	5409922.2	18866.19922	380.38	0	48.842250	-86.928181	55992.00	56231.8	18.16	56010.16	56019.45313	55786.57577	55802.14453	505269.6	5409922.2
L5370.2	505269.6	5409922.2	18866.30078	377.26	0	48.842250	-86.928181	55990.43	56231.8	18.17	56008.59	56017.92188	55780.07304	55795.93750	505269.6	5409922.2
L5370.2	505269.5	5409921.6	18866.40039	374.92	0	48.842244	-86.928182	55989.02	56231.8	18.17	56007.18	56016.54688	55777.14358	55793.29688	505269.5	5409921.6
L5370.2	505269.5	5409921.0	18866.50000	380.70	0	48.842240	-86.928182	55987.22	56231.8	18.17	56005.39	56014.79297	55764.19827	55780.63672	505269.5	5409921.0
L5370.2	505269.5	5409920.6	18866.59961	382.37	0	48.842236	-86.928182	55985.85	56231.8	18.17	56004.02	56013.45313	55761.35013	55778.06641	505269.5	5409920.6
L5370.2	505269.5	5409920.6	18866.69922	379.96	0	48.842236	-86.928182	55984.34	56231.8	18.17	56002.51	56011.97656	55754.50702	55771.49609	505269.5	5409920.6
L5370.2	505269.5	5409920.0	18866.80078	379.21	0	48.842231	-86.928183	55982.84	56231.8	18.18	56001.02	56010.51563	55747.68538	55764.93750	505269.5	5409920.0
L5370.2	505269.4	5409919.5	18866.90039	379.91	0	48.842225	-86.928183	55981.42	56231.8	18.18	55999.60	56009.12109	55742.13505	55759.64844	505269.4	5409919.5
L5370.2	505269.4	5409919.5	18867.00000	373.34	0	48.842225	-86.928183	55980.08	56231.8	18.18	55998.26	56007.80859	55738.09978	55755.86719	505269.4	5409919.5
L5370.2	505269.4	5409918.9	18867.09961	374.48	0	48.842220	-86.928183	55978.59	56231.8	18.18	55996.78	56006.35156	55730.03863	55748.05078	505269.4	5409918.9
L5370.2	505269.4	5409918.4	18867.19922	378.09	0	48.842216	-86.928183	55977.02	56231.8	18.18	55995.21	56004.80469	55719.20132	55737.45313	505269.4	5409918.4
L5370.2	505269.4	5409918.4	18867.30078	379.72	0	48.842216	-86.928183	55975.61	56231.8	18.19	55993.79	56003.40625	55711.61619	55730.10156	505269.4	5409918.4
L5370.2	505269.4	5409917.9	18867.40039	379.07	0	48.842212	-86.928184	55974.21	56231.8	18.19	55992.40	56002.03516	55704.25721	55722.96875	505269.4	5409917.9
L5370.2	505269.4	5409917.9	18867.50000	376.11	0	48.842212	-86.928184	55973.08	56231.8	18.19	55991.27	56000.92188	55702.90111	55721.82813	505269.4	5409917.9
L5370.2	505269.4	5409917.4	18867.59961	375.02	0	48.842207	-86.928184	55971.71	56231.8	18.19	55989.90	55999.56641	55694.96444	55714.10156	505269.4	5409917.4
L5370.2	505269.4	5409916.9	18867.69922	374.88	0	48.842202	-86.928184	55970.72	56231.8	18.19	55988.92	55998.59766	55696.28410	55715.62500	505269.4	5409916.9
L5370.2	505269.4	5409916.4	18867.80078	375.33	0	48.842197	-86.928184	55969.62	56231.8	18.20	55987.81	55997.50000	55693.77349	55713.30859	505269.4	5409916.4
L5370.2	505269.4	5409916.4	18867.90039	376.76	0	48.842197	-86.928184	55968.40	56231.8	18.20	55986.60	55996.29688	55688.17886	55707.89844	505269.4	5409916.4
L5370.2	505269.4	5409915.8	18868.00000	377.23	0	48.842193	-86.928184	55967.03	56231.8	18.20	55985.23	55994.93359	55677.98282	55697.88281	505269.4	5409915.8
L5370.2	505269.3	5409915.4	18868.09961	372.09	0	48.842189	-86.928184	55966.07	56231.8	18.20	55984.27	55993.97656	55677.51288	55697.58203	505269.3	5409915.4
L5370.2	505269.3	5409915.4	18868.19922	371.74	0	48.842189	-86.928184	55965.06	56231.8	18.20	55983.26	55992.96875	55675.19113	55695.42188	505269.3	5409915.4
L5370.2	505269.3	5409914.8	18868.30078	375.87	0	48.842183	-86.928185	55964.15	56231.8	18.20	55982.35	55992.05859	55674.78156	55695.16406	505269.3	5409914.8
L5370.2	505269.3	5409914.4	18868.40039	374.62	0	48.842180	-86.928185	55963.54	56231.8	18.20	55981.74	55991.44922	55681.30558	55701.83203	505269.3	5409914.4
L5370.2	505269.3	5409914.4	18868.50000	374.48	0	48.842180	-86.928185	55962.73	56231.8	18.20	55980.93	55990.63281	55682.17894	55702.83984	505269.3	5409914.4
L5370.2	505269.3	5409914.1	18868.59961	358.43	0	48.842177	-86.928185	55961.72	56231.8	18.20	55979.92	55989.61719	55677.39267	55698.17969	505269.3	5409914.1
L5370.2	505269.3	5409913.7	18868.69922	358.73	0	48.842174	-86.928185	55960.43	56231.8	18.20	55978.63	55988.31641	55664.92562	55685.82813	505269.3	5409913.7
L5370.2	505269.3	5409913.7	18868.80078	377.14	0	48.842174	-86.928185	55959.34	56231.8	18.20	55977.54	55987.21484	55656.84099	55677.85156	505269.3	5409913.7
L5370.2	505269.3	5409913.3	18868.90039	378.73	0	48.842170	-86.928185	55958.43	56231.8	18.20	55976.63	55986.28906	55652.62646	55673.73438	505269.3	5409913.3
L5370.2	505269.3	5409912.9	18869.00000	379.31	0	48.842166	-86.928185	55957.20	56231.8	18.20	55975.39	55985.03516	55639.44566	55660.64453	505269.3	5409912.9
L5370.2	505269.3	5409912.6	18869.09961	376.19	0	48.842163	-86.928185	55956.06	56231.8	18.20	55974.25	55983.87500	55628.10389	55649.38281	505269.3	5409912.6
L5370.2	505269.3	5409912.6	18869.19922	365.37	0	48.842163	-86.928185	55955.24	56231.8	18.20	55973.44	55983.04297	55624.37617	55645.72656	505269.3	5409912.6
L5370.2	505269.3	5409912.2	18869.30078	367.40	0	48.842160	-86.928185	55954.11	56231.8	18.19	55972.30	55981.87891	55611.65313	55633.06641	505269.3	5409912.2
L5370.2	505269.3	5409912.0	18869.40039	375.87	0	48.842158	-86.928185	55953.52	56231.8	18.19	55971.71	55981.25781	55612.05758	55633.51953	505269.3	5409912.0
L5370.2	505269.3	5409912.0	18869.50000	375.54	0	48.842158	-86.928185	55952.56	56231.8	18.19	55970.75	55980.26953	55602.44071	55623.94922	505269.3	5409912.0
L5370.2	505269.3	5409911.7	18869.59961	375.95	0	48.842156	-86.928185	55951.81	56231.8	18.19	55969.99	55979.47656	55597.12832	55618.66797	505269.3	5409911.7
L5370.2	505269.3	5409911.4	18869.69922	375.72	0	48.842153	-86.928185	55951.32	56231.8	18.19	55969.51	55978.96094	55598.12218	55619.68359	505269.3	5409911.4
L5370.2	505269.3	5409911.3	18869.80078	377.02	0	48.842152	-86.928185	55950.77	56231.8	18.18	55968.95	55978.36328	55596.35761	55617.93359	505269.3	5409911.3
L5370.2	505269.3	5409911.3	18869.90039	375.21	0	48.842152	-86.928185	55949.86	56231.8	18.18	55968.04	55977.41016	55585.03335	55606.61328	505269.3	5409911.3
L5370.2	505269.3	5409911.2	18870.00000	374.94	0	48.842151	-86.928185	55948.84	56231.8	18.18	55967.02	55976.34766	55570.17499	55591.75000	505269.3	5409911.2
L5370.2	505269.3	5409911.0	18870.09961	376.38	0	48.842150	-86.928185	55948.08	56231.8	18.18	55966.26	55975.53906	55561.07761	55582.64063	505269.3	5409911.0
L5370.2	505269.3	5409910.9	18870.19922	377.76	0	48.842149	-86.928185	55947.78	56231.8	18.18	55965.96	55975.18750	55562.76053	55584.29688	505269.3	5409910.9
L5370.2	505269.3	5409910.9	18870.30078	379.28	0	48.842149	-86.928185	55947.25	56231.8	18.18	55965.43	55974.60547	55557.85879	55579.36328	505269.3	5409910.9
L5370.2	505269.3	5409910.8	18870.40039	374.16	0	48.842147	-86.928186	55947.36	56231.8	18.18	55965.54	55974.65625	55568.24259	55589.70313	505269.3	5409910.8
L5370.2	505269.3	5409910.7	18870.50000	375.18	0	48.842146	-86.928186	55947.86	56231.8	18.19	55966.04	55975.09766	55587.61315	55609.02344	505269.3	5409910.7
L5370.2	505269.3	5409910.7	18870.59961	381.14	0	48.842146	-86.928186	55948.36	56231.8	18.19	55966.55	55975.54688	55606.40200	55627.75000	505269.3	5409910.7
L5370.2	505269.3	5409910.5	18870.69922	374.72	0	48.842145	-86.928186	55949.02	56231.8	18.19	55967.21	55976.14063	55628.11905	55649.39453	505269.3	5409910.5
L5370.2	505269.3	5409910.5	18870.80078	372.93	0	48.842145	-86.928186	55949.27	56231.8	18.19	55967.46	55976.32031	55638.66857	55659.86328	505269.3	5409910.5
L5370.2	505269.3	5409910.3	18870.90039	374.96	0	48.842143	-86.928186	55949.88	56231.8	18.19	55968.07	55976.85547	55657.40539	55678.51172	505269.3	5409910.3
L5370.2	505269.3	5409910.1	18871.00000	373.08	0	48.842142	-86.928186	55950.16	56231.8	18.19	55968.35	55977.06250	55666.96410	55687.97266	505269.3	5409910.1
L5370.2	505269.3	5409910.1	18871.09961	372.20	0	48.842142	-86.928186	55950.79	56231.8	18.19	55968.98	55977.61328	55684.43591	55705.33984	505269.3	5409910.1
L5370.2	505269.3	5409910.0	18871.19922	374.12	0	48.842140	-86.928186	55951.20	56231.8	18.19	55969.39	55977.93750	55695.47347	55716.26172	505269.3	5409910.0
L5370.2	505269.3	5409909.8	18871.30078	374.54	0	48.842139	-86.928186	55951.40	56231.8	18.18	55969.58	55978.04297	55700.06542	55720.73047	505269.3	5409909.8
L5370.2	505269.3	5409909.7	18871.40039	373.47	0	48.842137	-86.928185	55951.02	56231.8	18.18	55969.20	55977.57422	55689.39762	55709.92969	505269.3	5409909.7
L5370.2	505269.3	5409909.7	18871.50000	372.45	0	48.842137	-86.928185	55949.96	56231.8	18.18	55968.14	55976.42188	55660.69216	55681.08203	505269.3	5409909.7
L5370.2	505269.3	5409909.6	18871.59961	371.33	0	48.842137	-86.928185	55948.95	56231.8	18.18	55967.12	55975.30469	55632.04636	55652.28906	505269.3	5409909.6
L5370.2	505269.3	5409909.5	18871.69922	371.92	0	48.842135	-86.928185	55948.39	56231.8	18.18	55966.56	55974.64453	55614.01235	55634.09766	505269.3	5409909.5
L5370.2	505269.3	5409909.5	18871.80078	372.04	0	48.842135	-86.928185	55948.62	56231.8	18.17	55966.79	55974.76953	55614.87875	55634.79688	505269.3	5409909.5
L5370.2	505269.3	5409909.3	18871.90039	369.63	0	48.842134	-86.928185	55949.38	56231.8	18.17	55967.55	55975.42188	55628.09529	55647.84375	505269.3	5409909.3
L5370.2	505269.3	5409909.1	18872.00000	371.60	0	48.842132	-86.928185	55950.56	56231.8	18.17	55968.73	55976.49219	55650.88443	55670.45313	505269.3	5409909.1
L5370.2	505269.3	5409909.1	18872.09961	370.84	0	48.842132	-86.928185	55951.40	56231.8	18.17	55969.57	55977.21875	55664.12072	55683.50000	505269.3	5409909.1

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5370.2	505269.3	5409908.8	18872.19922	370.31	0	48.842130	-86.928185	55952.26	56231.8	18.17	55970.43	55977.96094	55676.84776	55696.03125	505269.3	5409908.8
L5370.2	505269.3	5409908.5	18872.30078	372.50	0	48.842127	-86.928185	55953.22	56231.8	18.17	55971.39	55978.80078	55691.06707	55710.04688	505269.3	5409908.5
L5370.2	505269.3	5409908.5	18872.40039	374.26	0	48.842127	-86.928185	55953.83	56231.8	18.17	55972.00	55979.28516	55695.45043	55714.22266	505269.3	5409908.5
L5370.2	505269.4	5409908.2	18872.50000	372.18	0	48.842124	-86.928184	55954.43	56231.8	18.18	55972.61	55979.76563	55698.79045	55717.34766	505269.4	5409908.2
L5370.2	505269.4	5409907.9	18872.59961	368.49	0	48.842121	-86.928184	55955.17	56231.8	18.18	55973.34	55980.36328	55704.09527	55722.42969	505269.4	5409907.9
L5370.2	505269.4	5409907.6	18872.69922	366.68	0	48.842119	-86.928184	55956.23	56231.8	18.18	55974.41	55981.29688	55716.88832	55734.99609	505269.4	5409907.6
L5370.2	505269.4	5409907.6	18872.80078	366.48	0	48.842119	-86.928184	55956.94	56231.8	18.18	55975.12	55981.86719	55719.55454	55737.42578	505269.4	5409907.6
L5370.2	505269.4	5409907.3	18872.90039	365.48	0	48.842116	-86.928184	55957.92	56231.8	18.18	55976.10	55982.70313	55727.92972	55745.55859	505269.4	5409907.3
L5370.2	505269.4	5409907.3	18873.00000	367.64	0	48.842116	-86.928184	55958.40	56231.8	18.18	55976.58	55983.03516	55722.63877	55740.02344	505269.4	5409907.3
L5370.2	505269.4	5409907.0	18873.09961	372.02	0	48.842113	-86.928184	55959.34	56231.8	18.18	55977.52	55983.82422	55727.81785	55744.95313	505269.4	5409907.0
L5370.2	505269.4	5409906.7	18873.19922	377.07	0	48.842110	-86.928184	55960.36	56231.8	18.18	55978.54	55984.68750	55733.90131	55750.77734	505269.4	5409906.7
L5370.2	505269.4	5409906.2	18873.30078	374.80	0	48.842106	-86.928183	55961.52	56231.8	18.18	55979.70	55985.68750	55742.39023	55759.00391	505269.4	5409906.2
L5370.2	505269.4	5409906.2	18873.40039	373.48	0	48.842106	-86.928183	55962.48	56231.8	18.18	55980.66	55986.48438	55744.72569	55761.07422	505269.4	5409906.2
L5370.2	505269.4	5409905.9	18873.50000	372.09	0	48.842103	-86.928183	55963.41	56231.8	18.18	55981.59	55987.25000	55745.17608	55761.25391	505269.4	5409905.9
L5370.2	505269.4	5409905.4	18873.59961	369.20	0	48.842099	-86.928183	55964.45	56231.8	18.18	55982.63	55988.11719	55747.25567	55763.05859	505269.4	5409905.4
L5370.2	505269.4	5409904.9	18873.69922	369.55	0	48.842094	-86.928183	55965.32	56231.8	18.18	55983.50	55988.81641	55743.91577	55759.43750	505269.4	5409904.9
L5370.2	505269.4	5409904.9	18873.80078	370.97	0	48.842094	-86.928183	55966.73	56231.8	18.18	55984.91	55990.04688	55753.00747	55768.24219	505269.4	5409904.9
L5370.2	505269.5	5409904.3	18873.90039	371.63	0	48.842090	-86.928183	55967.82	56231.8	18.18	55986.00	55990.95703	55752.89550	55767.84375	505269.5	5409904.3
L5370.2	505269.5	5409904.0	18874.00000	371.01	0	48.842086	-86.928183	55968.88	56231.8	18.18	55987.06	55991.82813	55750.86849	55765.52734	505269.5	5409904.0
L5370.2	505269.5	5409903.5	18874.09961	371.38	0	48.842082	-86.928183	55969.69	56231.8	18.18	55987.87	55992.44922	55741.38867	55755.75391	505269.5	5409903.5
L5370.2	505269.5	5409903.5	18874.19922	370.89	0	48.842082	-86.928183	55970.42	56231.8	18.18	55988.60	55992.98828	55728.72755	55742.79297	505269.5	5409903.5
L5370.2	505269.5	5409902.9	18874.30078	371.35	0	48.842076	-86.928183	55971.25	56231.8	18.18	55989.43	55993.62109	55717.40870	55731.17578	505269.5	5409902.9
L5370.2	505269.5	5409902.9	18874.40039	371.87	0	48.842076	-86.928183	55972.29	56231.8	18.18	55990.47	55994.46094	55710.19565	55723.66016	505269.5	5409902.9
L5370.2	505269.5	5409902.2	18874.50000	365.87	0	48.842070	-86.928182	55973.38	56231.8	18.18	55991.56	55995.34766	55703.06176	55716.22266	505269.5	5409902.2
L5370.2	505269.5	5409901.7	18874.59961	361.97	0	48.842066	-86.928182	55974.64	56231.8	18.18	55992.82	55996.39844	55699.02318	55711.87500	505269.5	5409901.7
L5370.2	505269.5	5409901.7	18874.69922	362.65	0	48.842066	-86.928182	55976.26	56231.8	18.18	55994.44	55997.80859	55702.85720	55715.40234	505269.5	5409901.7
L5370.2	505269.5	5409901.1	18874.80078	363.73	0	48.842060	-86.928182	55977.36	56231.8	18.18	55995.54	55998.69531	55692.43031	55704.66406	505269.5	5409901.1
L5370.2	505269.5	5409900.6	18874.90039	365.05	0	48.842056	-86.928182	55978.32	56231.8	18.18	55996.50	55999.43750	55677.29966	55689.22266	505269.5	5409900.6
L5370.2	505269.5	5409900.0	18875.00000	365.29	0	48.842051	-86.928182	55979.63	56231.8	18.18	55997.81	56000.52344	55669.78959	55681.39844	505269.5	5409900.0
L5370.2	505269.5	5409900.0	18875.09961	366.48	0	48.842051	-86.928182	55980.94	56231.8	18.18	55999.12	56001.60938	55661.09838	55672.39453	505269.5	5409900.0
L5370.2	505269.5	5409899.5	18875.19922	365.33	0	48.842046	-86.928182	55982.36	56231.8	18.18	56000.54	56002.80078	55653.99434	55664.97656	505269.5	5409899.5
L5370.2	505269.6	5409898.9	18875.30078	365.28	0	48.842041	-86.928182	55983.85	56231.8	18.18	56002.04	56004.06641	55647.72530	55658.39453	505269.6	5409898.9
L5370.2	505269.6	5409898.3	18875.40039	362.20	0	48.842035	-86.928182	55985.57	56231.8	18.18	56003.76	56005.55078	55645.81538	55656.16797	505269.6	5409898.3
L5370.2	505269.6	5409898.3	18875.50000	363.29	0	48.842035	-86.928182	55987.22	56231.8	18.19	56005.40	56006.95313	55640.72303	55650.76172	505269.6	5409898.3
L5370.2	505269.6	5409897.7	18875.59961	366.04	0	48.842029	-86.928182	55989.04	56231.8	18.19	56007.22	56008.53125	55638.99180	55648.71484	505269.6	5409897.7
L5370.2	505269.6	5409896.9	18875.69922	368.70	0	48.842023	-86.928181	55990.45	56231.8	18.19	56008.64	56009.70703	55626.03926	55635.44922	505269.6	5409896.9
L5370.2	505269.6	5409896.9	18875.80078	370.07	0	48.842023	-86.928181	55992.20	56231.8	18.19	56010.39	56011.20703	55620.23122	55629.32813	505269.6	5409896.9
L5370.2	505269.6	5409896.2	18875.90039	371.26	0	48.842016	-86.928181	55993.99	56231.8	18.19	56012.18	56012.74609	55614.28035	55623.06250	505269.6	5409896.2
L5370.2	505269.6	5409895.5	18876.00000	373.30	0	48.842010	-86.928181	55995.74	56231.8	18.19	56013.93	56014.24219	55606.18168	55614.65234	505269.6	5409895.5
L5370.2	505269.6	5409894.9	18876.09961	371.92	0	48.842005	-86.928181	55997.44	56231.8	18.19	56015.63	56015.68359	55595.69150	55603.85156	505269.6	5409894.9
L5370.2	505269.6	5409894.1	18876.19922	371.07	0	48.841997	-86.928181	55999.44	56231.8	18.19	56017.62	56017.41406	55591.36957	55599.22266	505269.6	5409894.1
L5370.2	505269.6	5409894.1	18876.30078	368.26	0	48.841997	-86.928181	56001.64	56231.8	18.18	56019.82	56019.34766	55591.21302	55598.75781	505269.6	5409894.1
L5370.2	505269.6	5409893.5	18876.40039	367.93	0	48.841991	-86.928181	56004.04	56231.8	18.18	56022.22	56021.48438	55594.98023	55602.21875	505269.6	5409893.5
L5370.2	505269.7	5409892.6	18876.50000	369.98	0	48.841984	-86.928180	56006.12	56231.8	18.18	56024.30	56023.29297	55589.60334	55596.53906	505269.7	5409892.6
L5370.2	505269.7	5409892.6	18876.59961	370.74	0	48.841984	-86.928180	56008.34	56231.8	18.18	56026.51	56025.23438	55586.41149	55593.04297	505269.7	5409892.6
L5370.2	505269.7	5409891.8	18876.69922	375.58	0	48.841977	-86.928180	56010.59	56231.8	18.18	56028.77	56027.21875	55583.40458	55589.73828	505269.7	5409891.8
L5370.2	505269.7	5409891.2	18876.80078	375.54	0	48.841971	-86.928180	56012.61	56231.8	18.17	56030.79	56028.96094	55573.30151	55579.33594	505269.7	5409891.2
L5370.2	505269.7	5409891.2	18876.90039	374.32	0	48.841971	-86.928180	56014.86	56231.8	18.17	56033.03	56030.92188	55567.68498	55573.42578	505269.7	5409891.2
L5370.2	505269.7	5409890.3	18877.00000	373.14	0	48.841963	-86.928179	56017.65	56231.8	18.17	56035.82	56033.42969	55574.86875	55580.31641	505269.7	5409890.3
L5370.2	505269.8	5409889.5	18877.09961	368.44	0	48.841955	-86.928179	56020.56	56231.8	18.17	56038.73	56036.05859	55584.05262	55589.21484	505269.8	5409889.5
L5370.2	505269.8	5409888.7	18877.19922	364.20	0	48.841948	-86.928179	56023.29	56231.8	18.17	56041.46	56038.50391	55587.70666	55592.58203	505269.8	5409888.7
L5370.2	505269.8	5409888.7	18877.30078	366.00	0	48.841948	-86.928179	56025.99	56231.8	18.17	56044.17	56040.92578	55589.87095	55594.46094	505269.8	5409888.7
L5370.2	505269.8	5409887.6	18877.40039	369.54	0	48.841938	-86.928179	56028.85	56231.8	18.17	56047.02	56043.48438	55594.58621	55598.89844	505269.8	5409887.6
L5370.2	505269.8	5409886.8	18877.50000	369.80	0	48.841932	-86.928178	56031.64	56231.8	18.18	56049.81	56045.98438	55596.83949	55600.87500	505269.8	5409886.8
L5370.2	505269.8	5409886.8	18877.59961	372.37	0	48.841932	-86.928178	56034.59	56231.8	18.18	56052.77	56048.64844	55602.43328	55606.19922	505269.8	5409886.8
L5370.2	505269.8	5409886.0	18877.69922	372.76	0	48.841924	-86.928178	56037.58	56231.8	18.18	56055.75	56051.33594	55607.61338	55611.10938	505269.8	5409886.0
L5370.2	505269.9	5409885.0	18877.80078	375.48	0	48.841915	-86.928178	56040.77	56231.8	18.18	56058.94	56054.22656	55617.17743	55620.40625	505269.9	5409885.0
L5370.2	505269.9	5409885.0	18877.90039	372.67	0	48.841915	-86.928178	56044.08	56231.8	18.18	56062.26	56057.25000	55629.13293	55632.10156	505269.9	5409885.0
L5370.2	505269.9	5409884.1	18878.00000	370.03	0	48.841907	-86.928177	56047.24	56231.8	18.18	56065.42	56060.10938	55636.20625	55638.91797	505269.9	5409884.1
L5370.2	505269.9	5409883.4	18878.09961	370.19	0	48.841901	-86.928177	56050.70	56231.8	18.18	56068.88	56063.26953	55649.98740	55652.44531	505269.9	5409883.4
L5370.2	505269.9	5409882.7	18878.19922	370.25	0	48.841894	-86.928177	56053.94	56231.8	18.18	56072.12	56066.20703	55657.41909	55659.62891	505269.9	5409882.7
L5370.2	505269.9	5409882.7	18878.30078	372.23	0	48.841894	-86.928177	56057.38	56231.8	18.18	56075.56	56069.34375	55669.08632	55671.05078	505269.9	5409882.7
L5370.2	505269.9	5409881.7	18878.40039	373.33	0	48.841886	-86.928177	56060.77	56231.8	18.18	56078.95	56072.43359	55678.72350	55680.44531	505269.9	5409881.7
L5370.2	505269.9	5409880.5	18878.50000	374.46	0	48.841875	-86.928177	56064.41	56231.8	18.17	56082.59	56075.76563	55693.89844	55695.38672	505269.9	5409880.5
L5370.2	505270.0	5409879.8	18878.59961	375.17	0	48.841869	-86.928177	56068.19	56231.8	18.17	56086.36	56079.23438	55711.61605	55712.87109	505270.0	5409879.8
L5370.2	505270.0	5409878.9	18878.69922	376.75	0	48.841861	-86.928176	56071.65	56231.8	18.17	56089.83	56082.39844	55721.08488	55722.11328	505270.0	5409878.9
L5370.2	505270.0	5409878.9	18878.80078	368.81	0	48.841861	-86.928176	56075.54	56231.8	18.17	56093.71	56085.97266	55740.18583	55740.99219	505270.0	5409878.9
L5370.2	505270.0	5409877.6	18878.90039	368.58	0	48.841849	-86.928176	56079.06	56231.8	18.17	56097.23	56089.18359	55749.57694	55750.16406	505270.0	5409877.6
L5370.2	505270.0	5409876.5	18879.00000	366.88	0	48.841839	-86.928176	56083.34	56231.8	18.17	56101.51	56093.16016	55777.45162	55777.82422	505270.0	5409876.5
L5370.2	505270.0	5409876.5	18879.09961	365.98	0	48.841839	-86.928176	56086.88	56231.8	18.17	56105.05	56096.39063	55786.10849	55786.27344	505270.0	5409876.5
L5370.2	505270.0	5409875.5	18879.19922	368.01	0	48.841830	-86.928176	56091.13	56231.8	18.17	56109.30	56100.33594	55812.04136	55812.00391	505270.0	5409875.5
L5370.2	505270.0	5409874.6	18879.30078	371.26	0	48.841822	-86.928175	56094.90	56231.8	18.17	56113.07	56103.80078	55825.34614	55825.10547	505270.0	5409874.6
L5370.2	505270.0	5409874.6	18879.40039	370.89	0	48.841822	-86.928175	56099.07	56231.8	18.17	56117.24	56107.66406	55848.18121	55847.74609	505270.0	5409874.6
L5370.2	505270.1	5409873.4	18879.50000	372.12	0	48.841811	-86.928175	56102.66	56231.8	18.17	56120.83	56110.94922	55855.92462	55855.30078	505270.1	5409873.4
L5370.2	505270.1	5409872.4	18879.59961	372.98	0	48.841802	-86.928175	56106.69	56231.8	18.17	56124.86	56114.67578	55874.25627	55873.44922	505270.1	5409872.4
L5370.2	505270.1	5409872.4	18879.69922	371.07	0	48.841802	-86.928175	56110.75	56231.8	18.17	56128.92	56118.42969	55892.89055	55891.90234	505270.1	5409872.4
L5370.2	505270.2	5409870.6	18879.80078	368.28	0	48.841786	-86.928174	56114.88	56231.8	18.17	56133.05	56122.25781	55912.85988	55911.69531	505270.2	5409870.6
L5370.2	505270.2	5409870.6	18879.90039	370.60	0	48.841786	-86.928174	56119.23	56231.8	18.17	56137.40	56126.30469	55937.96336	55936.62500	505270.2	5409870.6
L5370.2	505270.2	5409869.6	18880.00000	372.77	0	48.841777	-86.928174	56123.10	56231.8	18.17	56141.27	56129.87500	55950.62201	55949.11719	505270.2	5409869.6
L5370.2	505270.2	5409868.4	18880.09961	372.52	0	48.841766	-86.928173	56127.56	56231.8	18.17	56145.73	56134.03516	55977.77387	55976.10938	505270.2	5409868.4
L5370.2	505270.2	5409868.4	18880.19922	370.16	0	48.841766	-86.928173	56131.56	56231.8	18.17	56149.73	56137.73828	55993.03728	55991.21484	505270.2	5409868.4
L5370.2	505270.2	5409867.3	18880.30078	366.14	0	48.841756	-86.928173	56136.08	56231.8	18.16	56154.25	56141.96094	56021.08676	56019.11328	505270.2	5409867.3
L5370.2	505270.2	5409866.4	18880.40039	364.84	0	48.841748	-86.928173	56140.13	56231.8	18.16	56158.29	56145.70313	56036.79819	56034.67578	505270.2	5409866.4
L5370.2	505270.2	5409866.4	18880.50000	366.54	0	48.841748	-86.928173	56144.29	56231.8	18.16	56162.45	56149.57031	56055.28875	56053.02344	505270.2	5409866.4
L5370.2	505270.3	5409865.4	18880.59961	368.62	0	48.841739	-86.928173	56148.42	56231.8	18.16	56166.58	56153.41016	56072.81245	56070.41016	505270.3	5409865.4
L5370.2	505270.3	5409864.2	18880.69922	369.27	0	48.841728	-86.928173	56152.47	56231.8	18.16	56170.63	56157.17188	56088.13828	56085.60156	505270.3	5409864.2
L5370.2	505270.2	5409863.2	18880.80078	368.97	0	48.841719	-86.928173	56156.84	56231.8	18.15	56175.00	56161.25391	56111.35301	56108.68359	505270.2	5409863.2
L5370.2	505270.2	5409863.2	18880.90039	368.89	0	48.841719	-86.928173	56160.97	56231.8	18.15	56179.12	56165.08984	56128.14699	56125.35156	505270.2	5409863.2
L5370.2	505270.2	5409862.2	18881.00000	368.62	0	48.841710	-86.928173	56165.46	56231.8	18.15	56183.61	56169.30078	56154.13989	56151.22266	505270.2	5409862.2
L5370.2	505270.2	5409861.3	18881.09961	370.88	0	48.841702	-86.928173	56169.46	56231.8	18.15	56187.62	56173.03125	56167.97950	56164.94922	505270.2	5409861.3
L5370.2	505270.2	5409860.3	18881.19922	372.39	0	48.841693	-86.928173	56174.14	56231.8	18.15	56192.30	56177.43359	56198.61507	56195.47266	505270.2	5409860.3
L5370.2	505270.2	5409860.3	18881.30078	361.57	0	48.841693	-86.928173	56178.14	56231.8	18.15	56196.29	56181.14844	56211.86706	56208.61328	505270.2	5409860.3
L5370.2	505270.2	5409859.1	18881.40039	363.08	0	48.841683	-86.928174	56182.40	56231.8	18.15	56200.55	56185.14063	56231.90562	56228.54688	505270.2	5409859.1

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5370.2	505270.2	5409858.0	18881.50000	363.84	0	48.841672	-86.928174	56186.45	56231.8	18.15	56204.61	56188.93359	56246.93495	56243.47656	505270.2	5409858.0
L5370.2	505270.2	5409858.0	18881.59961	363.17	0	48.841672	-86.928174	56190.72	56231.8	18.16	56208.88	56192.93750	56267.29171	56263.73828	505270.2	5409858.0
L5370.2	505270.1	5409856.6	18881.69922	363.87	0	48.841660	-86.928174	56194.84	56231.8	18.16	56213.00	56196.79688	56283.94614	56280.30078	505270.1	5409856.6
L5370.2	505270.1	5409855.4	18881.80078	364.13	0	48.841649	-86.928175	56198.98	56231.8	18.16	56217.14	56200.67969	56301.19811	56297.46484	505270.1	5409855.4
L5370.2	505270.1	5409855.4	18881.90039	365.83	0	48.841649	-86.928175	56203.11	56231.8	18.16	56221.27	56204.55469	56318.31698	56314.49609	505270.1	5409855.4
L5370.2	505270.1	5409854.0	18882.00000	365.73	0	48.841637	-86.928175	56206.99	56231.8	18.16	56225.15	56208.18750	56329.29012	56325.39063	505270.1	5409854.0
L5370.2	505270.1	5409852.8	18882.09961	368.30	0	48.841626	-86.928175	56211.33	56231.8	18.16	56229.49	56212.28125	56351.99783	56348.01953	505270.1	5409852.8
L5370.2	505270.1	5409851.7	18882.19922	369.63	0	48.841616	-86.928175	56215.02	56231.8	18.16	56233.18	56215.73047	56358.54551	56354.49609	505270.1	5409851.7
L5370.2	505270.0	5409850.6	18882.30078	370.04	0	48.841606	-86.928176	56219.34	56231.8	18.16	56237.50	56219.81250	56381.14869	56377.02734	505270.0	5409850.6
L5370.2	505270.0	5409850.6	18882.40039	368.73	0	48.841606	-86.928176	56223.24	56231.8	18.16	56241.40	56223.47656	56393.42106	56389.23438	505270.0	5409850.6
L5370.2	505270.0	5409849.4	18882.50000	366.11	0	48.841595	-86.928176	56227.04	56231.8	18.16	56245.20	56227.04688	56403.43254	56399.17969	505270.0	5409849.4
L5370.2	505270.0	5409849.4	18882.59961	365.15	0	48.841595	-86.928176	56230.70	56231.8	18.15	56248.85	56230.47266	56409.94683	56405.63672	505270.0	5409849.4
L5370.2	505270.0	5409847.9	18882.69922	365.55	0	48.841582	-86.928176	56234.83	56231.8	18.15	56252.98	56234.38281	56428.82978	56424.46484	505270.0	5409847.9
L5370.2	505270.0	5409846.7	18882.80078	368.00	0	48.841571	-86.928176	56238.63	56231.8	18.15	56256.78	56237.96875	56439.72961	56435.30859	505270.0	5409846.7
L5370.2	505270.0	5409846.7	18882.90039	371.27	0	48.841571	-86.928176	56242.18	56231.8	18.15	56260.33	56241.30469	56444.67834	56440.20703	505270.0	5409846.7
L5370.2	505270.0	5409845.6	18883.00000	373.97	0	48.841561	-86.928176	56246.24	56231.8	18.15	56264.39	56245.16016	56462.81011	56458.28906	505270.0	5409845.6
L5370.2	505270.0	5409844.1	18883.09961	374.28	0	48.841548	-86.928176	56249.87	56231.8	18.15	56268.02	56248.58984	56470.50220	56465.93750	505270.0	5409844.1
L5370.2	505270.0	5409843.0	18883.19922	371.10	0	48.841537	-86.928176	56253.92	56231.8	18.15	56272.07	56252.44531	56489.15143	56484.54688	505270.0	5409843.0
L5370.2	505270.0	5409843.0	18883.30078	369.44	0	48.841537	-86.928176	56257.26	56231.8	18.15	56275.42	56255.60156	56490.60703	56485.96484	505270.0	5409843.0
L5370.2	505270.0	5409841.5	18883.40039	369.37	0	48.841524	-86.928176	56261.32	56231.8	18.15	56279.47	56259.46484	56510.09786	56505.41797	505270.0	5409841.5
L5370.2	505270.0	5409840.0	18883.50000	370.64	0	48.841511	-86.928176	56264.52	56231.8	18.15	56282.67	56262.48438	56508.65737	56503.94531	505270.0	5409840.0
L5370.2	505270.0	5409839.0	18883.59961	371.10	0	48.841502	-86.928176	56268.28	56231.8	18.16	56286.43	56266.07031	56521.76502	56517.02344	505270.0	5409839.0
L5370.2	505270.0	5409839.0	18883.69922	371.88	0	48.841502	-86.928176	56271.43	56231.8	18.16	56289.58	56269.05078	56520.01067	56515.24219	505270.0	5409839.0
L5370.2	505270.0	5409837.7	18883.80078	370.97	0	48.841490	-86.928176	56274.96	56231.8	18.16	56293.12	56272.42578	56528.56102	56523.76953	505270.0	5409837.7
L5370.2	505270.0	5409836.3	18883.90039	369.33	0	48.841477	-86.928176	56278.44	56231.8	18.16	56296.60	56275.75000	56536.11363	56531.29688	505270.0	5409836.3
L5370.2	505270.0	5409836.3	18884.00000	370.58	0	48.841477	-86.928176	56281.82	56231.8	18.16	56299.98	56278.97656	56541.67744	56536.84375	505270.0	5409836.3
L5370.2	505270.0	5409834.7	18884.09961	370.04	0	48.841463	-86.928176	56285.34	56231.8	18.16	56303.50	56282.34766	56551.30319	56546.45313	505270.0	5409834.7
L5370.2	505270.0	5409834.7	18884.19922	367.44	0	48.841463	-86.928176	56288.34	56231.8	18.16	56306.50	56285.20703	56548.40542	56543.54297	505270.0	5409834.7
L5370.2	505270.1	5409833.5	18884.30078	369.09	0	48.841452	-86.928176	56291.69	56231.8	18.16	56309.85	56288.42188	56554.87904	56550.00391	505270.1	5409833.5
L5370.2	505270.1	5409832.6	18884.40039	369.14	0	48.841444	-86.928176	56294.52	56231.8	18.16	56312.68	56291.12109	56548.85606	56543.97266	505270.1	5409832.6
L5370.2	505270.1	5409832.6	18884.50000	370.50	0	48.841444	-86.928176	56297.97	56231.8	18.16	56316.13	56294.44922	56559.02126	56554.13281	505270.1	5409832.6
L5370.2	505270.1	5409831.4	18884.59961	371.65	0	48.841434	-86.928176	56300.88	56231.8	18.16	56319.04	56297.24219	56556.21211	56551.32422	505270.1	5409831.4
L5370.2	505270.1	5409829.8	18884.69922	372.33	0	48.841419	-86.928175	56304.14	56231.8	18.16	56322.31	56300.39844	56563.07639	56558.18750	505270.1	5409829.8
L5370.2	505270.1	5409829.8	18884.80078	369.54	0	48.841419	-86.928175	56306.88	56231.8	18.16	56325.04	56303.02344	56556.99000	56552.10547	505270.1	5409829.8
L5370.2	505270.1	5409828.4	18884.90039	367.45	0	48.841406	-86.928175	56309.53	56231.8	18.16	56327.69	56305.57422	56549.53357	56544.65234	505270.1	5409828.4
L5370.2	505270.2	5409826.9	18885.00000	366.84	0	48.841392	-86.928175	56312.54	56231.8	18.16	56330.70	56308.49219	56551.78440	56546.91016	505270.2	5409826.9
L5370.2	505270.2	5409825.7	18885.09961	365.89	0	48.841382	-86.928174	56315.40	56231.8	18.16	56333.56	56311.26563	56550.92610	56546.06641	505270.2	5409825.7
L5370.2	505270.2	5409824.6	18885.19922	364.56	0	48.841372	-86.928174	56318.46	56231.8	18.16	56336.62	56314.24219	56555.77167	56550.92578	505270.2	5409824.6
L5370.2	505270.2	5409824.6	18885.30078	364.78	0	48.841372	-86.928174	56320.78	56231.8	18.16	56338.94	56316.48828	56542.68924	56537.86328	505270.2	5409824.6
L5370.2	505270.2	5409823.1	18885.40039	366.45	0	48.841359	-86.928174	56323.28	56231.8	18.16	56341.44	56318.92188	56534.82712	56530.01953	505270.2	5409823.1
L5370.2	505270.2	5409822.0	18885.50000	367.50	0	48.841348	-86.928174	56325.95	56231.8	18.16	56344.11	56321.52734	56531.94309	56527.16016	505270.2	5409822.0
L5370.2	505270.2	5409822.0	18885.59961	370.50	0	48.841348	-86.928174	56329.00	56231.8	18.16	56347.16	56324.52344	56539.32780	56534.57422	505270.2	5409822.0
L5370.2	505270.3	5409820.7	18885.69922	371.89	0	48.841337	-86.928173	56331.86	56231.8	18.16	56350.02	56327.33203	56542.65399	56537.92969	505270.3	5409820.7
L5370.2	505270.3	5409819.5	18885.80078	372.48	0	48.841326	-86.928173	56334.56	56231.8	18.16	56352.72	56329.99219	56542.68464	56537.99609	505270.3	5409819.5
L5370.2	505270.3	5409819.5	18885.90039	371.27	0	48.841326	-86.928173	56337.09	56231.8	18.16	56355.25	56332.48438	56539.17646	56534.52344	505270.3	5409819.5
L5370.2	505270.3	5409817.8	18886.00000	369.18	0	48.841311	-86.928173	56339.28	56231.8	18.16	56357.44	56334.64453	56527.86178	56523.25000	505270.3	5409817.8
L5370.2	505270.3	5409816.6	18886.09961	370.01	0	48.841300	-86.928173	56341.64	56231.8	18.16	56359.80	56336.98047	56521.57529	56517.00781	505270.3	5409816.6
L5370.2	505270.3	5409816.6	18886.19922	371.50	0	48.841300	-86.928173	56343.90	56231.8	18.16	56362.06	56339.22266	56513.53382	56509.01953	505270.3	5409816.6
L5370.2	505270.3	5409815.1	18886.30078	371.43	0	48.841287	-86.928173	56346.33	56231.8	18.16	56364.49	56341.64063	56510.53549	56506.07422	505270.3	5409815.1
L5370.2	505270.3	5409814.1	18886.40039	371.00	0	48.841278	-86.928173	56348.68	56231.8	18.16	56366.84	56343.98438	56506.29978	56501.89453	505270.3	5409814.1
L5370.2	505270.3	5409812.7	18886.50000	370.27	0	48.841265	-86.928173	56351.06	56231.8	18.16	56369.21	56346.35547	56503.34883	56499.00391	505270.3	5409812.7
L5370.2	505270.3	5409812.7	18886.59961	366.84	0	48.841265	-86.928173	56353.48	56231.8	18.15	56371.63	56348.78516	56502.44407	56498.16406	505270.3	5409812.7
L5370.2	505270.3	5409811.2	18886.69922	366.86	0	48.841252	-86.928173	56355.70	56231.8	18.15	56373.85	56351.01563	56497.30457	56493.09766	505270.3	5409811.2
L5370.2	505270.3	5409809.8	18886.80078	365.30	0	48.841239	-86.928172	56357.95	56231.8	18.15	56376.10	56353.28516	56493.72166	56489.58984	505270.3	5409809.8
L5370.2	505270.3	5409809.8	18886.90039	368.81	0	48.841239	-86.928172	56360.44	56231.8	18.15	56378.59	56355.80469	56496.98358	56492.92578	505270.3	5409809.8
L5370.2	505270.3	5409808.7	18887.00000	371.32	0	48.841229	-86.928172	56362.48	56231.8	18.15	56380.63	56357.87500	56489.74272	56485.76953	505270.3	5409808.7
L5370.2	505270.4	5409807.1	18887.09961	372.75	0	48.841214	-86.928172	56364.20	56231.8	18.15	56382.35	56359.63281	56475.27507	56471.39063	505270.4	5409807.1
L5370.2	505270.4	5409806.0	18887.19922	373.87	0	48.841205	-86.928171	56366.67	56231.8	18.16	56384.82	56362.14844	56480.49833	56476.71094	505270.4	5409806.0
L5370.2	505270.4	5409806.0	18887.30078	372.33	0	48.841205	-86.928171	56368.94	56231.8	18.16	56387.10	56364.48047	56481.77697	56478.08594	505270.4	5409806.0
L5370.2	505270.4	5409804.7	18887.40039	372.12	0	48.841193	-86.928171	56371.42	56231.8	18.16	56389.58	56367.01563	56488.92603	56485.33984	505270.4	5409804.7
L5370.2	505270.5	5409803.5	18887.50000	368.69	0	48.841182	-86.928171	56373.20	56231.8	18.17	56391.37	56368.86719	56479.56746	56476.08594	505270.5	5409803.5
L5370.2	505270.5	5409802.2	18887.59961	367.92	0	48.841171	-86.928170	56375.29	56231.8	18.17	56393.46	56371.02734	56478.60672	56475.24219	505270.5	5409802.2
L5370.2	505270.5	5409802.2	18887.69922	366.07	0	48.841171	-86.928170	56377.32	56231.8	18.17	56395.49	56373.12891	56476.99564	56473.75391	505270.5	5409802.2
L5370.2	505270.5	5409800.7	18887.80078	367.70	0	48.841157	-86.928170	56379.66	56231.8	18.17	56397.83	56375.55078	56484.04616	56480.92578	505270.5	5409800.7
L5370.2	505270.6	5409799.4	18887.90039	368.67	0	48.841145	-86.928169	56381.63	56231.8	18.18	56399.81	56377.61719	56482.91334	56479.92578	505270.6	5409799.4
L5370.2	505270.6	5409799.4	18888.00000	370.51	0	48.841145	-86.928169	56383.59	56231.8	18.18	56401.77	56379.66797	56482.15459	56479.30078	505270.6	5409799.4
L5370.2	505270.6	5409798.1	18888.09961	371.54	0	48.841133	-86.928169	56385.56	56231.8	18.18	56403.74	56381.73438	56482.53055	56479.82031	505270.6	5409798.1
L5370.2	505270.6	5409797.0	18888.19922	370.33	0	48.841123	-86.928169	56387.29	56231.8	18.18	56405.47	56383.56641	56477.75968	56475.19922	505270.6	5409797.0
L5370.2	505270.6	5409797.0	18888.30078	369.57	0	48.841123	-86.928169	56389.38	56231.8	18.18	56407.56	56385.76563	56482.93864	56480.53125	505270.6	5409797.0
L5370.2	505270.6	5409795.3	18888.40039	368.92	0	48.841109	-86.928168	56391.09	56231.8	18.18	56409.27	56387.58984	56479.46199	56477.21484	505270.6	5409795.3
L5370.2	505270.7	5409794.1	18888.50000	367.43	0	48.841098	-86.928168	56393.14	56231.8	18.18	56411.32	56389.75781	56485.44454	56483.36328	505270.7	5409794.1
L5370.2	505270.7	5409792.8	18888.59961	366.14	0	48.841086	-86.928168	56394.79	56231.8	18.18	56412.97	56391.53125	56482.28092	56480.37109	505270.7	5409792.8
L5370.2	505270.7	5409792.8	18888.69922	367.18	0	48.841086	-86.928168	56396.76	56231.8	18.18	56414.94	56393.63281	56488.08597	56486.35938	505270.7	5409792.8
L5370.2	505270.7	5409791.5	18888.80078	366.35	0	48.841074	-86.928168	56398.62	56231.8	18.18	56416.80	56395.62500	56492.05113	56490.50781	505270.7	5409791.5
L5370.2	505270.7	5409789.8	18888.90039	369.67	0	48.841059	-86.928167	56400.48	56231.8	18.18	56418.66	56397.62500	56496.94930	56495.59766	505270.7	5409789.8
L5370.2	505270.8	5409788.5	18889.00000	369.86	0	48.841048	-86.928167	56402.48	56231.8	18.18	56420.66	56399.76953	56506.30791	56505.15234	505270.8	5409788.5
L5370.2	505270.8	5409788.5	18889.09961	369.93	0	48.841048	-86.928167	56404.85	56231.8	18.18	56423.03	56402.28906	56525.91801	56524.96875	505270.8	5409788.5
L5370.2	505270.8	5409787.2	18889.19922	371.57	0	48.841035	-86.928166	56406.38	56231.8	18.18	56424.56	56403.97656	56525.35346	56524.61719	505270.8	5409787.2
L5370.2	505270.8	5409786.1	18889.30078	369.91	0	48.841025	-86.928166	56407.76	56231.8	18.18	56425.94	56405.51563	56521.97469	56521.45703	505270.8	5409786.1
L5370.2	505270.8	5409786.1	18889.40039	368.19	0	48.841025	-86.928166	56409.72	56231.8	18.18	56427.91	56407.64844	56534.39969	56534.10547	505270.8	5409786.1
L5370.2	505270.8	5409784.7	18889.50000	368.60	0	48.841013	-86.928166	56411.79	56231.8	18.18	56429.97	56409.87500	56550.05941	56549.99609	505270.8	5409784.7
L5370.2	505270.9	5409783.0	18889.59961	369.46	0	48.840998	-86.928166	56413.45	56231.8	18.19	56431.64	56411.71875	56556.88781	56557.06250	505270.9	5409783.0
L5370.2	505270.9	5409782.0	18889.69922	370.21	0	48.840988	-86.928165	56415.04	56231.8	18.19	56433.22	56413.47656	56562.43647	56562.85938	505270.9	5409782.0
L5370.2	505270.9	5409782.0	18889.80078	369.59	0	48.840988	-86.928165	56416.64	56231.8	18.19	56434.83	56415.26563	56569.72980	56570.40234	505270.9	5409782.0
L5370.2	505270.9	5409780.5	18889.90039	374.67	0	48.840975	-86.928165	56418.45	56231.8	18.19	56436.64	56417.26172	56583.04970	56583.98047	505270.9	5409780.5
L5370.2	505270.9	5409779.3	18890.00000	364.96	0	48.840965	-86.928165	56420.24	56231.8	18.19	56438.43	56419.24219	56596.86921	56598.06250	505270.9	5409779.3
L5370.2	505270.9	5409778.0	18890.09961	364.67	0	48.840953	-86.928164	56421.77	56231.8	18.19	56439.96	56420.96484	56605.15828	56606.62109	505270.9	5409778.0
L5370.2	505270.9	5409778.0	18890.19922	372.92	0	48.840953	-86.928164	56423.36	56231.8	18.18	56441.54	56422.74219	56615.71974	56617.46484	505270.9	5409778.0
L5370.2	505271.0	5409776.1	18890.30078	361.54	0	48.840936	-86.928164	56424.58	56231.8	18.18	56442.75	56424.15234	56617.99624	56620.02344	505271.0	5409776.1
L5370.2	505271.0	5409774.5	18890.40039	362.98	0	48.840921	-86.928163	56426.01	56231.8	18.17	56444.18	56425.78516	56626.83264	56629.14844	505271.0	5409774.5
L5370.2	505271.0	5409774.5	18890.50000	370.98	0	48.840921	-86.928163	56427.41	56231.8	18.17	56445.58	56427.39453	56635.94702	56638.55859	505271.0	5409774.5
L5370.2	505271.1	5409773.4	18890.59961	363.14	0	48.840911	-86.928163	56428.79	56231.8	18.16	56446.95	56428.97656	56645.34500	56648.25781	505271.1	5409773.4
L5370.2	505271.1	5409771.9	18890.69922	364.85	0	48.840898	-86.928162	56430.29	56231.8	18.15	56448.45	56430.69141	56659.05622	56662.28125	505271.1	5409771.9

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5370.2	505271.1	5409771.9	18890.80078	365.99	0	48.840898	-86.928162	56431.77	56231.8	18.15	56449.92	56432.37891	56673.06186	56676.60156	505271.1	5409771.9
L5370.2	505271.1	5409770.6	18890.90039	367.18	0	48.840886	-86.928162	56433.41	56231.9	18.14	56451.55	56434.22656	56692.14573	56696.00391	505271.1	5409770.6
L5370.2	505271.1	5409770.6	18891.00000	365.90	0	48.840886	-86.928162	56434.66	56231.9	18.14	56452.80	56435.69922	56702.73134	56706.91406	505271.1	5409770.6
L5370.2	505271.1	5409768.5	18891.09961	367.21	0	48.840867	-86.928162	56435.40	56231.9	18.14	56453.54	56436.66406	56701.55381	56706.06641	505271.1	5409768.5
L5370.2	505271.1	5409767.2	18891.19922	367.86	0	48.840856	-86.928162	56436.34	56231.9	18.15	56454.49	56437.84375	56706.72623	56711.57813	505271.1	5409767.2
L5370.2	505271.1	5409765.9	18891.30078	365.89	0	48.840844	-86.928162	56437.39	56231.8	18.15	56455.54	56439.12500	56715.48628	56720.67969	505271.1	5409765.9
L5370.2	505271.1	5409765.9	18891.40039	365.20	0	48.840844	-86.928162	56438.79	56231.8	18.16	56456.95	56440.76563	56734.37714	56739.91797	505271.1	5409765.9
L5370.2	505271.2	5409764.1	18891.50000	367.13	0	48.840827	-86.928162	56439.71	56231.8	18.16	56457.87	56441.91797	56742.02432	56747.91406	505271.2	5409764.1
L5370.2	505271.2	5409764.1	18891.59961	370.64	0	48.840827	-86.928162	56441.04	56231.8	18.16	56459.20	56443.48438	56761.06693	56767.31641	505271.2	5409764.1
L5370.2	505271.2	5409762.5	18891.69922	371.97	0	48.840813	-86.928161	56441.73	56231.8	18.17	56459.89	56444.41406	56765.09970	56771.71094	505271.2	5409762.5
L5370.2	505271.2	5409760.9	18891.80078	371.66	0	48.840799	-86.928161	56442.75	56231.8	18.17	56460.92	56445.68359	56778.77314	56785.75000	505271.2	5409760.9
L5370.2	505271.2	5409759.4	18891.90039	368.95	0	48.840785	-86.928161	56443.52	56231.8	18.18	56461.69	56446.69141	56786.99912	56794.34375	505271.2	5409759.4
L5370.2	505271.2	5409759.4	18892.00000	369.04	0	48.840785	-86.928161	56444.43	56231.8	18.18	56462.61	56447.85547	56800.09146	56807.80469	505271.2	5409759.4
L5370.2	505271.2	5409758.0	18892.09961	368.80	0	48.840773	-86.928161	56445.18	56231.8	18.18	56463.36	56448.84766	56810.00348	56818.09375	505271.2	5409758.0
L5370.2	505271.3	5409756.2	18892.19922	369.39	0	48.840757	-86.928160	56445.61	56231.8	18.18	56463.79	56449.51953	56812.96373	56821.43359	505271.3	5409756.2
L5370.2	505271.3	5409756.2	18892.30078	367.57	0	48.840757	-86.928160	56446.22	56231.8	18.18	56464.40	56450.37500	56821.54834	56830.40234	505271.3	5409756.2
L5370.2	505271.3	5409754.9	18892.40039	365.84	0	48.840745	-86.928160	56446.52	56231.8	18.18	56464.70	56450.91797	56823.43370	56832.66797	505271.3	5409754.9
L5370.2	505271.3	5409753.1	18892.50000	368.11	0	48.840729	-86.928160	56447.42	56231.8	18.18	56465.60	56452.06250	56841.50685	56851.12500	505271.3	5409753.1
L5370.2	505271.3	5409753.1	18892.59961	368.36	0	48.840729	-86.928160	56447.72	56231.8	18.18	56465.90	56452.60938	56845.58615	56855.58984	505271.3	5409753.1
L5370.2	505271.3	5409751.8	18892.69922	367.45	0	48.840717	-86.928159	56448.44	56231.8	18.18	56466.62	56453.57422	56861.32425	56871.71875	505271.3	5409751.8
L5370.2	505271.4	5409750.2	18892.80078	368.84	0	48.840702	-86.928159	56448.54	56231.8	18.18	56466.72	56453.91797	56862.56259	56873.34375	505271.4	5409750.2
L5370.2	505271.4	5409748.7	18892.90039	363.47	0	48.840689	-86.928159	56448.90	56231.8	18.18	56467.08	56454.51953	56871.43168	56882.60156	505271.4	5409748.7
L5370.2	505271.4	5409748.7	18893.00000	364.68	0	48.840689	-86.928159	56448.74	56231.8	18.18	56466.92	56454.60156	56868.31109	56879.86719	505271.4	5409748.7
L5370.2	505271.4	5409747.4	18893.09961	364.86	0	48.840677	-86.928159	56448.95	56231.8	18.18	56467.12	56455.04297	56875.33022	56887.27344	505271.4	5409747.4
L5370.2	505271.4	5409745.8	18893.19922	366.08	0	48.840663	-86.928158	56448.90	56231.8	18.18	56467.07	56455.23438	56877.14313	56889.47266	505271.4	5409745.8
L5370.2	505271.4	5409745.8	18893.30078	366.22	0	48.840663	-86.928158	56448.92	56231.8	18.17	56467.10	56455.50391	56882.04511	56894.76172	505271.4	5409745.8
L5370.2	505271.4	5409744.2	18893.40039	366.58	0	48.840649	-86.928158	56448.85	56231.8	18.17	56467.02	56455.66016	56885.25240	56898.34766	505271.4	5409744.2
L5370.2	505271.4	5409744.2	18893.50000	366.62	0	48.840649	-86.928158	56448.59	56231.8	18.17	56466.76	56455.63672	56884.99873	56898.46875	505271.4	5409744.2
L5370.2	505271.5	5409741.7	18893.59961	367.60	0	48.840626	-86.928157	56448.54	56231.8	18.17	56466.71	56455.82031	56891.08659	56904.92969	505271.5	5409741.7
L5370.2	505271.5	5409740.4	18893.69922	369.83	0	48.840615	-86.928157	56447.86	56231.8	18.17	56466.02	56455.36328	56882.13082	56896.34766	505271.5	5409740.4
L5370.2	505271.5	5409740.4	18893.80078	369.54	0	48.840615	-86.928157	56447.68	56231.8	18.16	56465.84	56455.41016	56887.04729	56901.62891	505271.5	5409740.4
L5370.2	505271.5	5409738.8	18893.90039	370.04	0	48.840600	-86.928157	56446.93	56231.8	18.16	56465.10	56454.89453	56878.91638	56893.85547	505271.5	5409738.8
L5370.2	505271.5	5409738.8	18894.00000	369.87	0	48.840600	-86.928157	56446.70	56231.8	18.16	56464.86	56454.87891	56884.38906	56899.67969	505271.5	5409738.8
L5370.2	505271.6	5409737.5	18894.09961	370.15	0	48.840588	-86.928156	56445.86	56231.8	18.16	56464.02	56454.25781	56875.78991	56891.42578	505271.6	5409737.5
L5370.2	505271.6	5409735.9	18894.19922	372.04	0	48.840574	-86.928156	56445.27	56231.8	18.16	56463.43	56453.88281	56874.48692	56890.46484	505271.6	5409735.9
L5370.2	505271.6	5409734.8	18894.30078	372.54	0	48.840565	-86.928156	56444.38	56231.8	18.16	56462.54	56453.20313	56866.63629	56882.94141	505271.6	5409734.8
L5370.2	505271.6	5409734.8	18894.40039	370.97	0	48.840565	-86.928156	56443.62	56231.8	18.16	56461.78	56452.65234	56863.04136	56879.66406	505271.6	5409734.8
L5370.2	505271.6	5409733.2	18894.50000	368.44	0	48.840550	-86.928156	56442.98	56231.8	18.16	56461.14	56452.21484	56863.43844	56880.37109	505271.6	5409733.2
L5370.2	505271.6	5409731.9	18894.59961	365.46	0	48.840539	-86.928156	56441.65	56231.8	18.16	56459.81	56451.08203	56847.44254	56864.67188	505271.6	5409731.9
L5370.2	505271.6	5409731.9	18894.69922	368.64	0	48.840539	-86.928156	56440.73	56231.8	18.16	56458.89	56450.35547	56842.70606	56860.22656	505271.6	5409731.9
L5370.2	505271.6	5409730.7	18894.80078	369.80	0	48.840527	-86.928156	56439.40	56231.8	18.16	56457.56	56449.21484	56828.59117	56846.38672	505271.6	5409730.7
L5370.2	505271.7	5409729.4	18894.90039	371.11	0	48.840516	-86.928155	56438.56	56231.8	18.16	56456.72	56448.55469	56827.71884	56845.77344	505271.7	5409729.4
L5370.2	505271.7	5409727.9	18895.00000	370.85	0	48.840502	-86.928155	56437.23	56231.8	18.16	56455.39	56447.40234	56815.42580	56833.72266	505271.7	5409727.9
L5370.2	505271.7	5409727.9	18895.09961	370.70	0	48.840502	-86.928155	56435.86	56231.8	18.16	56454.02	56446.20313	56803.01384	56821.54297	505271.7	5409727.9
L5370.2	505271.7	5409726.4	18895.19922	367.36	0	48.840489	-86.928155	56434.30	56231.8	18.16	56452.46	56444.80859	56786.69365	56805.43750	505271.7	5409726.4
L5370.2	505271.7	5409725.1	18895.30078	368.32	0	48.840477	-86.928155	56433.13	56231.8	18.16	56451.29	56443.79688	56781.03536	56799.98047	505271.7	5409725.1
L5370.2	505271.7	5409723.6	18895.40039	367.79	0	48.840464	-86.928154	56431.77	56231.8	18.16	56449.93	56442.58984	56771.43357	56790.55469	505271.7	5409723.6
L5370.2	505271.7	5409723.6	18895.50000	369.70	0	48.840464	-86.928154	56430.27	56231.8	18.16	56448.43	56441.23047	56759.12729	56778.40625	505271.7	5409723.6
L5370.2	505271.7	5409722.0	18895.59961	367.72	0	48.840449	-86.928154	56428.84	56231.8	18.16	56447.00	56439.93750	56749.37908	56768.80078	505271.7	5409722.0
L5370.2	505271.7	5409722.0	18895.69922	369.46	0	48.840449	-86.928154	56427.23	56231.8	18.16	56445.39	56438.45703	56735.88154	56755.42188	505271.7	5409722.0
L5370.2	505271.8	5409720.3	18895.80078	370.27	0	48.840434	-86.928154	56425.70	56231.8	18.16	56443.86	56437.05078	56725.15366	56744.79297	505271.8	5409720.3
L5370.2	505271.8	5409719.0	18895.90039	373.17	0	48.840422	-86.928154	56423.79	56231.8	18.16	56441.95	56435.25391	56705.60529	56725.32031	505271.8	5409719.0
L5370.2	505271.8	5409717.6	18896.00000	374.20	0	48.840410	-86.928154	56422.31	56231.8	18.16	56440.47	56433.87891	56697.58730	56717.35156	505271.8	5409717.6
L5370.2	505271.8	5409717.6	18896.09961	375.13	0	48.840410	-86.928154	56420.77	56231.8	18.16	56438.93	56432.43359	56688.75399	56708.54297	505271.8	5409717.6
L5370.2	505271.8	5409716.6	18896.19922	374.73	0	48.840400	-86.928153	56419.19	56231.8	18.16	56437.35	56430.94141	56679.58612	56699.37891	505271.8	5409716.6
L5370.2	505271.8	5409715.5	18896.30078	371.58	0	48.840390	-86.928153	56417.38	56231.8	18.15	56435.53	56429.19531	56665.03077	56684.79688	505271.8	5409715.5
L5370.2	505271.8	5409715.5	18896.40039	366.59	0	48.840390	-86.928153	56415.54	56231.8	18.15	56433.70	56427.43359	56650.84948	56670.55859	505271.8	5409715.5
L5370.2	505271.8	5409714.3	18896.50000	365.48	0	48.840380	-86.928153	56413.70	56231.8	18.15	56431.85	56425.64453	56636.76714	56656.39453	505271.8	5409714.3
L5370.2	505271.8	5409713.0	18896.59961	365.90	0	48.840368	-86.928153	56411.48	56231.9	18.15	56429.63	56423.47266	56613.95700	56633.46875	505271.8	5409713.0
L5370.2	505271.8	5409711.8	18896.69922	367.42	0	48.840358	-86.928153	56409.55	56231.9	18.15	56427.69	56421.57031	56598.74275	56618.11328	505271.8	5409711.8
L5370.2	505271.8	5409710.6	18896.80078	367.43	0	48.840347	-86.928153	56407.58	56231.9	18.14	56425.72	56419.62500	56583.30294	56602.50000	505271.8	5409710.6
L5370.2	505271.8	5409710.6	18896.90039	366.26	0	48.840347	-86.928153	56405.72	56231.9	18.14	56423.86	56417.78125	56571.13370	56590.12109	505271.8	5409710.6
L5370.2	505271.8	5409709.6	18897.00000	364.35	0	48.840337	-86.928153	56403.70	56231.9	18.14	56421.84	56415.76563	56555.41902	56574.16406	505271.8	5409709.6
L5370.2	505271.8	5409708.3	18897.09961	361.38	0	48.840326	-86.928153	56401.86	56231.9	18.14	56420.00	56413.92188	56544.68464	56563.15234	505271.8	5409708.3
L5370.2	505271.8	5409707.3	18897.19922	362.00	0	48.840317	-86.928153	56399.67	56231.9	18.14	56417.81	56411.71094	56525.57482	56543.73438	505271.8	5409707.3
L5370.2	505271.8	5409707.3	18897.30078	363.25	0	48.840317	-86.928153	56397.58	56231.9	18.14	56415.72	56409.59375	56509.38148	56527.19141	505271.8	5409707.3
L5370.2	505271.9	5409706.1	18897.40039	365.70	0	48.840306	-86.928153	56395.56	56231.9	18.14	56413.70	56407.53125	56495.32392	56512.75000	505271.9	5409706.1
L5370.2	505271.9	5409705.0	18897.50000	365.91	0	48.840296	-86.928153	56393.65	56231.9	18.15	56411.79	56405.56641	56484.38188	56501.38281	505271.9	5409705.0
L5370.2	505271.9	5409704.1	18897.59961	364.27	0	48.840288	-86.928153	56391.73	56231.9	18.15	56409.88	56403.58984	56473.76236	56490.29688	505271.9	5409704.1
L5370.2	505271.9	5409704.1	18897.69922	364.24	0	48.840288	-86.928153	56389.66	56231.9	18.15	56407.81	56401.44141	56459.41472	56475.44922	505271.9	5409704.1
L5370.2	505271.9	5409703.1	18897.80078	363.18	0	48.840279	-86.928153	56387.65	56231.9	18.15	56405.80	56399.33594	56446.84561	56462.33594	505271.9	5409703.1
L5370.2	505271.9	5409701.8	18897.90039	363.07	0	48.840267	-86.928153	56385.30	56231.9	18.15	56403.45	56396.88281	56425.96812	56440.87109	505271.9	5409701.8
L5370.2	505271.9	5409700.7	18898.00000	362.09	0	48.840258	-86.928153	56383.52	56231.8	18.15	56401.67	56394.98047	56419.64294	56433.91406	505271.9	5409700.7
L5370.2	505271.9	5409700.7	18898.09961	365.46	0	48.840258	-86.928153	56381.19	56231.9	18.15	56399.34	56392.51953	56399.67464	56413.27344	505271.9	5409700.7
L5370.2	505271.9	5409699.7	18898.19922	366.14	0	48.840248	-86.928153	56379.46	56231.9	18.15	56397.61	56390.64453	56394.96021	56407.84375	505271.9	5409699.7
L5370.2	505271.9	5409698.5	18898.30078	368.27	0	48.840238	-86.928153	56377.34	56231.9	18.15	56395.49	56388.36328	56380.57400	56392.69531	505271.9	5409698.5
L5370.2	505271.9	5409698.5	18898.40039	368.57	0	48.840238	-86.928153	56375.38	56231.9	18.15	56393.53	56386.22656	56370.32277	56381.63672	505271.9	5409698.5
L5370.2	505271.9	5409697.1	18898.50000	367.82	0	48.840225	-86.928153	56373.02	56231.9	18.14	56391.17	56383.67969	56350.09600	56360.55078	505271.9	5409697.1
L5370.2	505271.9	5409696.1	18898.59961	370.52	0	48.840216	-86.928153	56371.06	56231.9	18.14	56389.20	56381.50391	56339.73701	56349.28906	505271.9	5409696.1
L5370.2	505271.9	5409696.1	18898.69922	370.04	0	48.840216	-86.928153	56369.14	56231.9	18.14	56387.29	56379.37891	56330.92043	56339.52344	505271.9	5409696.1
L5370.2	505271.9	5409694.8	18898.80078	367.86	0	48.840204	-86.928153	56367.18	56231.9	18.14	56385.32	56377.17578	56320.60280	56328.21094	505271.9	5409694.8
L5370.2	505271.8	5409693.6	18898.90039	364.55	0	48.840194	-86.928153	56365.52	56231.9	18.14	56383.66	56375.26953	56318.06486	56324.62500	505271.8	5409693.6
L5370.2	505271.8	5409693.6	18899.00000	365.37	0	48.840194	-86.928153	56363.33	56231.9	18.14	56381.47	56372.81641	56302.15519	56307.61328	505271.8	5409693.6
L5370.2	505271.8	5409692.3	18899.09961	370.32	0	48.840182	-86.928154	56361.98	56231.9	18.14	56380.11	56371.17969	56307.05450	56311.36719	505271.8	5409692.3
L5370.2	505271.8	5409691.5	18899.19922	373.54	0	48.840174	-86.928154	56359.86	56231.9	18.13	56377.99	56368.76563	56292.74897	56295.86328	505271.8	5409691.5
L5370.2	505271.8	5409691.5	18899.30078	372.73	0	48.840174	-86.928154	56358.17	56231.9	18.13	56376.30	56366.76953	56289.14447	56291.00781	505271.8	5409691.5
L5370.2	505271.7	5409690.6	18899.40039	374.60	0	48.840166	-86.928155	56356.00	56231.9	18.12	56374.13	56364.27734	56273.33057	56273.89453	505271.7	5409690.6
L5370.2	505271.7	5409689.5	18899.50000	373.37	0	48.840157	-86.928156	56354.32	56231.9	18.12	56372.44	56362.24609	56269.42933	56268.63672	505271.7	5409689.5
L5370.2	505271.6	5409688.6	18899.59961	370.06	0	48.840148	-86.928156	56352.53	56231.9	18.12	56370.65	56360.10156	56262.83105	56260.62891	505271.6	5409688.6
L5370.2	505271.6	5409687.8	18899.69922	366.18	0	48.840141	-86.928156	56350.75	56231.9	18.11	56368.86	56357.94531	56256.02907	56252.37109	505271.6	5409687.8
L5370.2	505271.6	5409687.8	18899.80078	366.37	0	48.840141	-86.928156	56349.26	56231.9	18.11	56367.37	56356.07031	56256.54745	56251.37500	505271.6	5409687.8
L5370.2	505271.6	5409687.1	18899.90039	370.24	0	48.840135	-86.928157	56347.25	56231.9	18.10	56365.36	56353.66016	56243.74187	56237.00391	505271.6	5409687.1
L5370.2	505271.6	5409686.3	18900.00000	372.52	0	48.840128	-86.928157	56345.79	56231.9	18.10	56363.89	56351.77344	56244.25216	56235.89453	505271.6	5409686.3

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5370.2	505271.6	5409686.3	18900.09961	372.44	0	48.840128	-86.928157	56343.90	56231.9	18.10	56362.00	56349.44922	56233.91405	56223.88281	505271.6	5409686.3
L5370.2	505271.5	5409685.1	18900.19922	371.99	0	48.840117	-86.928158	56342.50	56231.9	18.10	56360.61	56347.61328	56235.84748	56224.08984	505271.5	5409685.1
L5370.2	505271.5	5409684.3	18900.30078	367.84	0	48.840110	-86.928159	56340.74	56231.9	18.11	56358.84	56345.37891	56227.90151	56214.36328	505271.5	5409684.3
L5370.2	505271.4	5409683.5	18900.40039	364.98	0	48.840102	-86.928159	56339.57	56231.9	18.11	56357.67	56343.73047	56234.70642	56219.33203	505271.4	5409683.5
L5370.2	505271.4	5409682.7	18900.50000	362.85	0	48.840096	-86.928160	56337.70	56231.9	18.11	56355.81	56341.37891	56223.80077	56206.53516	505271.4	5409682.7
L5370.2	505271.4	5409682.7	18900.59961	362.54	0	48.840096	-86.928160	56336.27	56231.9	18.11	56354.39	56339.44922	56223.58883	56204.37891	505271.4	5409682.7
L5370.2	505271.3	5409681.8	18900.69922	363.96	0	48.840088	-86.928160	56334.80	56231.9	18.11	56352.92	56337.45313	56221.73120	56200.52734	505271.3	5409681.8
L5370.2	505271.3	5409681.1	18900.80078	362.98	0	48.840081	-86.928161	56333.26	56231.9	18.12	56351.37	56335.36328	56217.45863	56194.20313	505271.3	5409681.1
L5370.2	505271.3	5409681.1	18900.90039	362.53	0	48.840081	-86.928161	56332.14	56231.9	18.12	56350.26	56333.69922	56223.83551	56198.47656	505271.3	5409681.1
L5370.2	505271.3	5409680.2	18901.00000	361.82	0	48.840073	-86.928161	56330.71	56231.9	18.12	56348.83	56331.69922	56221.73393	56194.21875	505271.3	5409680.2
L5370.2	505271.2	5409679.5	18901.09961	360.21	0	48.840066	-86.928162	56329.41	56231.9	18.12	56347.52	56329.80469	56222.20773	56192.48047	505271.2	5409679.5
L5370.2	505271.2	5409679.5	18901.19922	359.77	0	48.840066	-86.928162	56327.73	56231.9	18.12	56345.84	56327.52344	56212.92123	56180.93359	505271.2	5409679.5
L5370.2	505271.2	5409678.4	18901.30078	360.75	0	48.840057	-86.928163	56326.58	56231.9	18.11	56344.69	56325.75781	56216.49917	56182.19531	505271.2	5409678.4
L5370.2	505271.1	5409677.8	18901.40039	363.37	0	48.840051	-86.928163	56325.13	56231.9	18.11	56343.24	56323.67969	56212.05611	56175.38672	505271.1	5409677.8
L5370.2	505271.1	5409677.2	18901.50000	366.20	0	48.840046	-86.928164	56324.13	56231.9	18.11	56342.24	56322.03516	56218.44573	56179.35547	505271.1	5409677.2
L5370.2	505271.1	5409677.2	18901.59961	369.77	0	48.840046	-86.928164	56322.78	56231.9	18.11	56340.89	56320.02734	56215.53868	56173.98047	505271.1	5409677.2
L5370.2	505271.0	5409676.4	18901.69922	372.70	0	48.840039	-86.928164	56321.56	56231.9	18.11	56339.66	56318.12500	56215.14794	56171.07031	505271.0	5409676.4
L5370.2	505271.0	5409675.6	18901.80078	375.43	0	48.840032	-86.928165	56320.43	56231.9	18.10	56338.53	56316.30859	56216.76337	56170.11719	505271.0	5409675.6
L5370.2	505271.0	5409674.9	18901.90039	373.70	0	48.840025	-86.928165	56319.25	56231.9	18.10	56337.36	56314.43750	56216.85752	56167.59375	505271.0	5409674.9
L5370.2	505271.0	5409674.9	18902.00000	371.94	0	48.840025	-86.928165	56318.23	56231.9	18.10	56336.33	56312.69531	56219.95196	56168.02344	505271.0	5409674.9
L5370.2	505270.9	5409674.2	18902.09961	371.48	0	48.840019	-86.928166	56317.04	56231.9	18.10	56335.14	56310.77734	56218.49667	56163.85156	505270.9	5409674.2
L5370.2	505270.9	5409673.5	18902.19922	370.47	0	48.840013	-86.928166	56316.17	56231.9	18.10	56334.27	56309.16797	56224.56000	56167.15625	505270.9	5409673.5
L5370.2	505270.9	5409673.5	18902.30078	369.88	0	48.840013	-86.928166	56314.91	56231.9	18.10	56333.01	56307.15625	56220.28162	56160.07422	505270.9	5409673.5
L5370.2	505270.9	5409672.7	18902.40039	369.74	0	48.840005	-86.928167	56314.13	56231.9	18.10	56332.22	56305.60156	56227.28872	56164.23047	505270.9	5409672.7
L5370.2	505270.9	5409672.2	18902.50000	367.70	0	48.840001	-86.928167	56312.89	56231.9	18.10	56330.99	56303.59375	56222.69230	56156.73438	505270.9	5409672.2
L5370.2	505270.9	5409672.2	18902.59961	369.01	0	48.840001	-86.928167	56312.31	56231.9	18.10	56330.41	56302.22656	56233.90573	56165.01172	505270.9	5409672.2
L5370.2	505270.8	5409671.5	18902.69922	367.05	0	48.839995	-86.928168	56311.34	56231.9	18.10	56329.44	56300.45703	56234.77186	56162.89844	505270.8	5409671.5
L5370.2	505270.8	5409670.9	18902.80078	368.07	0	48.839990	-86.928168	56310.43	56231.9	18.10	56328.53	56298.73438	56236.60898	56161.71484	505270.8	5409670.9
L5370.2	505270.8	5409670.9	18902.90039	367.53	0	48.839990	-86.928168	56309.27	56231.9	18.10	56327.37	56296.75000	56231.62145	56153.66406	505270.8	5409670.9
L5370.2	505270.7	5409670.3	18903.00000	366.42	0	48.839984	-86.928168	56308.54	56231.9	18.10	56326.64	56295.18750	56236.91364	56155.85547	505270.7	5409670.3
L5370.2	505270.7	5409669.6	18903.09961	370.77	0	48.839978	-86.928169	56307.62	56231.9	18.10	56325.72	56293.42188	56236.89452	56152.69531	505270.7	5409669.6
L5370.2	505270.7	5409669.1	18903.19922	372.60	0	48.839974	-86.928169	56306.95	56231.9	18.10	56325.04	56291.89063	56242.38207	56155.01172	505270.7	5409669.1
L5370.2	505270.7	5409669.1	18903.30078	374.61	0	48.839974	-86.928169	56306.24	56231.9	18.09	56324.33	56290.31641	56246.58935	56156.00781	505270.7	5409669.1
L5370.2	505270.7	5409668.6	18903.40039	374.05	0	48.839968	-86.928169	56305.40	56231.9	18.09	56323.49	56288.60156	56247.00566	56153.18359	505270.7	5409668.6
L5370.2	505270.7	5409668.6	18903.50000	372.41	0	48.839968	-86.928169	56304.81	56231.9	18.09	56322.90	56287.13281	56253.19332	56156.09375	505270.7	5409668.6
L5370.2	505270.7	5409668.0	18903.59961	373.32	0	48.839963	-86.928170	56304.17	56231.9	18.09	56322.26	56285.60156	56257.61265	56157.20313	505270.7	5409668.0
L5370.2	505270.6	5409667.5	18903.69922	371.99	0	48.839958	-86.928170	56303.45	56231.9	18.09	56321.54	56283.98047	56259.51528	56155.76953	505270.6	5409667.5
L5370.2	505270.6	5409667.5	18903.80078	371.76	0	48.839958	-86.928170	56302.79	56231.9	18.08	56320.88	56282.41406	56262.42899	56155.31641	505270.6	5409667.5
L5370.2	505270.6	5409667.1	18903.90039	371.24	0	48.839955	-86.928170	56302.11	56231.9	18.08	56320.19	56280.81250	56264.09742	56153.58984	505270.6	5409667.1
L5370.2	505270.6	5409666.6	18904.00000	370.63	0	48.839950	-86.928170	56301.41	56231.9	18.08	56319.49	56279.19141	56265.03127	56151.10547	505270.6	5409666.6
L5370.2	505270.6	5409666.6	18904.09961	369.63	0	48.839950	-86.928170	56300.93	56231.9	18.08	56319.01	56277.78125	56271.02341	56153.65234	505270.6	5409666.6
L5370.2	505270.6	5409666.0	18904.19922	370.52	0	48.839945	-86.928170	56300.32	56231.9	18.08	56318.40	56276.23828	56273.27967	56152.44141	505270.6	5409666.0
L5370.2	505270.6	5409665.7	18904.30078	369.84	0	48.839942	-86.928170	56299.86	56231.9	18.07	56317.93	56274.82813	56278.59982	56154.27734	505270.6	5409665.7
L5370.2	505270.6	5409665.3	18904.40039	367.93	0	48.839939	-86.928170	56299.29	56231.9	18.07	56317.36	56273.31641	56280.95711	56153.12891	505270.6	5409665.3
L5370.2	505270.6	5409665.3	18904.50000	368.93	0	48.839939	-86.928170	56298.94	56231.9	18.07	56317.01	56272.01563	56288.40963	56157.05469	505270.6	5409665.3
L5370.2	505270.6	5409664.9	18904.59961	367.46	0	48.839935	-86.928170	56298.54	56231.9	18.07	56316.60	56270.65234	56293.92534	56159.02734	505270.6	5409664.9
L5370.2	505270.6	5409664.5	18904.69922	368.68	0	48.839932	-86.928170	56297.86	56231.9	18.07	56315.93	56269.02344	56292.48458	56154.03125	505270.6	5409664.5
L5370.2	505270.6	5409664.5	18904.80078	371.28	0	48.839932	-86.928170	56297.41	56231.9	18.06	56315.47	56267.60156	56295.91903	56153.89453	505270.6	5409664.5
L5370.2	505270.6	5409664.1	18904.90039	371.03	0	48.839928	-86.928170	56296.92	56231.9	18.06	56314.98	56266.14453	56298.20360	56152.60156	505270.6	5409664.1
L5370.2	505270.6	5409663.8	18905.00000	371.46	0	48.839926	-86.928170	56296.74	56231.9	18.06	56314.80	56264.99609	56307.90090	56158.70313	505270.6	5409663.8
L5370.2	505270.6	5409663.8	18905.09961	372.46	0	48.839926	-86.928170	56296.36	56231.9	18.06	56314.42	56263.64844	56312.19558	56159.39844	505270.6	5409663.8
L5370.2	505270.7	5409663.5	18905.19922	373.56	0	48.839923	-86.928170	56296.01	56231.9	18.06	56314.07	56262.32422	56316.88408	56160.48047	505270.7	5409663.5
L5370.2	505270.7	5409663.2	18905.30078	374.03	0	48.839920	-86.928169	56295.44	56231.9	18.06	56313.50	56260.78125	56315.69065	56155.67578	505270.7	5409663.2
L5370.2	505270.7	5409663.2	18905.40039	373.03	0	48.839920	-86.928169	56295.18	56231.9	18.06	56313.24	56259.54688	56321.95730	56158.32813	505270.7	5409663.2
L5370.2	505270.7	5409662.9	18905.50000	375.19	0	48.839918	-86.928169	56294.83	56231.9	18.06	56312.89	56258.22266	56325.63591	56158.39063	505270.7	5409662.9
L5420.0	505422.0	5407851.4	15247.20020	317.96	89.45	48.823620	-86.926131	56487.02	56241.6	8.36	56495.39	56511.13281	56505.40703	56531.95313	505422.0	5407851.4
L5420.0	505422.0	5407851.5	15247.29981	318.74	89.45	48.823621	-86.926131	56486.88	56241.6	8.36	56495.24	56511.02344	56507.28974	56533.78906	505422.0	5407851.5
L5420.0	505422.0	5407851.5	15247.40039	320.37	89.5	48.823621	-86.926131	56486.70	56241.6	8.36	56495.06	56510.88281	56508.81931	56535.27344	505422.0	5407851.5
L5420.0	505422.0	5407851.6	15247.50000	319.89	91.38	48.823622	-86.926131	56486.52	56241.6	8.36	56494.88	56510.73828	56510.52415	56536.92969	505422.0	5407851.6
L5420.0	505422.0	5407851.7	15247.59961	317.17	91.38	48.823623	-86.926131	56486.36	56241.6	8.37	56494.73	56510.62891	56508.97534	56535.33594	505422.0	5407851.7
L5420.0	505422.0	5407851.9	15247.70020	317.82	98.36	48.823624	-86.926131	56486.21	56241.6	8.37	56494.57	56510.50391	56511.14859	56537.46094	505422.0	5407851.9
L5420.0	505422.0	5407852.0	15247.79981	316.85	99.07	48.823625	-86.926131	56486.03	56241.6	8.37	56494.40	56510.37500	56513.41470	56539.67969	505422.0	5407852.0
L5420.0	505422.1	5407852.1	15247.90039	316.99	99.07	48.823627	-86.926130	56485.63	56241.6	8.37	56493.99	56510.00000	56509.73699	56535.95703	505422.1	5407852.1
L5420.0	505422.1	5407852.3	15248.00000	315.71	95.19	48.823628	-86.926130	56485.37	56241.6	8.37	56493.74	56509.78906	56510.77620	56536.95313	505422.1	5407852.3
L5420.0	505422.1	5407852.7	15248.09961	315.99	100.56	48.823631	-86.926130	56485.06	56241.6	8.37	56493.43	56509.51953	56510.74604	56536.87500	505422.1	5407852.7
L5420.0	505422.1	5407852.7	15248.20020	316.68	100.76	48.823631	-86.926130	56484.88	56241.6	8.37	56493.25	56509.37500	56514.66012	56540.74219	505422.1	5407852.7
L5420.0	505422.1	5407852.8	15248.29981	315.71	101.1	48.823633	-86.926130	56484.66	56241.6	8.36	56493.02	56509.18359	56517.83634	56543.87109	505422.1	5407852.8
L5420.0	505422.1	5407853.1	15248.40039	317.19	101.1	48.823635	-86.926129	56484.38	56241.6	8.36	56492.74	56508.94141	56520.32442	56546.31641	505422.1	5407853.1
L5420.0	505422.1	5407853.1	15248.50000	316.45	100.55	48.823635	-86.926129	56484.09	56241.6	8.36	56492.45	56508.69141	56523.20118	56549.14844	505422.1	5407853.1
L5420.0	505422.2	5407853.4	15248.59961	314.86	101.09	48.823638	-86.926129	56483.84	56241.6	8.36	56492.20	56508.47656	56527.78619	56553.68750	505422.2	5407853.4
L5420.0	505422.2	5407853.6	15248.70020	315.73	101.09	48.823640	-86.926129	56483.40	56241.6	8.36	56491.76	56508.07422	56528.18185	56554.03906	505422.2	5407853.6
L5420.0	505422.2	5407853.8	15248.79981	317.78	99.25	48.823642	-86.926128	56483.10	56241.6	8.35	56491.45	56507.80469	56532.65043	56558.46094	505422.2	5407853.8
L5420.0	505422.2	5407854.0	15248.90039	315.90	98.37	48.823643	-86.926128	56482.79	56241.6	8.35	56491.14	56507.53125	56537.85577	56563.62109	505422.2	5407854.0
L5420.0	505422.3	5407854.3	15249.00000	317.33	98.37	48.823646	-86.926127	56482.28	56241.7	8.35	56490.63	56507.05859	56538.68311	56564.40625	505422.3	5407854.3
L5420.0	505422.3	5407854.5	15249.00000	317.33	97.03	48.823648	-86.926127	56481.52	56241.7	8.35	56489.87	56506.33594	56533.87299	56559.55078	505422.3	5407854.5
L5420.0	505422.3	5407854.8	15249.20020	314.28	95.96	48.823650	-86.926127	56480.82	56241.6	8.36	56489.18	56505.68359	56531.62165	56557.25391	505422.3	5407854.8
L5420.0	505422.3	5407855.0	15249.29981	314.62	91.43	48.823653	-86.926127	56480.06	56241.6	8.36	56488.42	56504.96094	56528.34214	56553.92969	505422.3	5407855.0
L5420.0	505422.4	5407855.5	15249.40039	314.93	91.43	48.823657	-86.926126	56479.39	56241.6	8.37	56487.76	56504.33984	56528.36068	56553.90625	505422.4	5407855.5
L5420.0	505422.4	5407855.9	15249.50000	315.12	89.81	48.823660	-86.926126	56478.32	56241.6	8.37	56486.69	56503.30859	56518.69085	56544.19531	505422.4	5407855.9
L5420.0	505422.4	5407855.9	15249.59961	315.81	89.81	48.823660	-86.926126	56477.43	56241.6	8.37	56485.80	56502.45313	56514.34387	56539.80469	505422.4	5407855.9
L5420.0	505422.4	5407856.3	15249.70020	319.51	91.35	48.823664	-86.926125	56476.56	56241.6	8.38	56484.94	56501.63281	56511.47590	56536.89063	505422.4	5407856.3
L5420.0	505422.4	5407856.3	15249.79981	317.83	88.84	48.823664	-86.926125	56475.64	56241.6	8.38	56484.03	56500.75781	56508.04345	56533.41797	505422.4	5407856.3
L5420.0	505422.5	5407857.3	15249.90039	317.00	88.84	48.823673	-86.926125	56474.60	56241.6	8.39	56482.98	56499.74609	56501.79319	56527.12500	505422.5	5407857.3
L5420.0	505422.5	5407857.3	15250.00000	316.99	93.2	48.823673	-86.926125	56473.40	56241.6	8.39	56481.79	56498.59375	56492.76362	56518.05469	505422.5	5407857.3
L5420.0	505422.5	5407857.7	15250.09961	315.96	97.26	48.823677	-86.926125	56472.45	56241.6	8.39	56480.84	56497.67969	56490.37357	56515.62109	505422.5	5407857.7
L5420.0	505422.5	5407858.2	15250.20020	313.43	100.24	48.823681	-86.926125	56471.59	56241.6	8.38	56479.97	56496.84766	56490.55590	56515.76172	505422.5	5407858.2
L5420.0	505422.5	5407858.7	15250.29981	317.31	97.56	48.823685	-86.926125	56470.77	56241.6	8.38	56479.15	56496.06250	56492.50681	56517.67188	505422.5	5407858.7
L5420.0	505422.5	5407859.2	15250.40039	316.90	97.56	48.823690	-86.926125	56469.77	56241.6	8.38	56478.15	56495.10156	56490.60643	56515.73047	505422.5	5407859.2
L5420.0	505422.5	5407859.7	15250.50000	317.65	92.38	48.823695	-86.926125	56468.88	56241.6	8.38	56477.25	56494.23828	56491.63934	56516.72266	505422.5	5407859.7
L5420.0	505422.5	5407859.7	15250.59961	316.70	91.48	48.823695	-86.926125	56467.94	56241.6	8.37	56476.31	56493.33594	56492.18857	56517.23438	505422.5	5407859.7
L5420.0	505422.4	5407860.3	15250.70020	315.86	102.36	48.823700	-86.926125	56466.91	56241.6	8.37	56475.28	56492.33984	56491.05790	56516.06250	505422.4	5407860.3
L5420.0	505422.4	5407860.8	15250.79981	314.20	102.58	48.823704	-86.926125	56465.82	56241.6	8.37	56474.19	56491.28516	56488.96256	56513.92578	505422.4	5407860.8
L5420.0	505422.4	5407861.3	15250.90039	314.36	102.58	48.823710	-86.926125	56464.77	56241.6	8.36	56473.14	56490.27344	56488.25874	56513.18359	505422.4	5407861.3

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5420.0	505422.4	5407861.3	15251.00000	313.79	102.89	48.823710	-86.926125	56463.63	56241.6	8.36	56471.99	56489.16016	56485.60681	56510.49219	505422.4	5407861.3
L5420.0	505422.4	5407862.2	15251.00000	313.79	103.05	48.823717	-86.926126	56462.78	56241.6	8.36	56471.14	56488.34375	56490.46415	56515.31250	505422.4	5407862.2
L5420.0	505422.4	5407862.7	15251.20020	312.92	103.05	48.823722	-86.926126	56461.84	56241.6	8.36	56470.20	56487.44141	56493.59474	56518.40234	505422.4	5407862.7
L5420.0	505422.4	5407863.1	15251.29981	312.97	102.92	48.823726	-86.926126	56460.74	56241.6	8.36	56469.09	56486.36719	56493.08939	56517.85938	505422.4	5407863.1
L5420.0	505422.3	5407863.7	15251.40039	314.28	94.44	48.823731	-86.926126	56459.44	56241.6	8.36	56467.79	56485.10156	56488.42969	56513.16016	505422.3	5407863.7
L5420.0	505422.3	5407864.3	15251.50000	313.60	94.44	48.823736	-86.926127	56458.32	56241.6	8.35	56466.67	56484.01563	56488.42286	56513.11719	505422.3	5407864.3
L5420.0	505422.3	5407864.9	15251.59961	315.33	92.34	48.823742	-86.926127	56457.14	56241.6	8.35	56465.50	56482.88281	56487.57845	56512.23438	505422.3	5407864.9
L5420.0	505422.3	5407865.5	15251.70020	314.30	92.61	48.823747	-86.926127	56455.92	56241.6	8.35	56464.27	56481.68750	56485.63013	56510.25000	505422.3	5407865.5
L5420.0	505422.3	5407866.2	15251.79981	316.75	93.95	48.823753	-86.926128	56454.56	56241.6	8.35	56462.92	56480.37109	56481.08206	56505.66406	505422.3	5407866.2
L5420.0	505422.2	5407866.7	15251.90039	319.30	93.95	48.823758	-86.926128	56453.24	56241.6	8.35	56461.59	56479.07813	56477.31632	56501.85938	505422.2	5407866.7
L5420.0	505422.2	5407867.4	15252.00000	317.95	100.48	48.823764	-86.926128	56452.02	56241.7	8.35	56460.37	56477.89063	56476.56846	56501.07813	505422.2	5407867.4
L5420.0	505422.2	5407867.4	15252.09961	316.86	96.8	48.823764	-86.926128	56450.86	56241.6	8.35	56459.22	56476.77734	56477.89413	56502.36719	505422.2	5407867.4
L5420.0	505422.2	5407868.1	15252.20020	317.90	96.35	48.823771	-86.926129	56449.56	56241.6	8.36	56457.92	56475.50781	56475.81702	56500.25000	505422.2	5407868.1
L5420.0	505422.1	5407868.9	15252.29981	316.68	96.35	48.823778	-86.926129	56448.31	56241.6	8.36	56456.68	56474.30469	56475.55774	56499.95313	505422.1	5407868.9
L5420.0	505422.1	5407869.4	15252.40039	317.32	96.04	48.823782	-86.926129	56447.04	56241.6	8.37	56455.41	56473.06641	56474.86337	56499.22266	505422.1	5407869.4
L5420.0	505422.1	5407870.2	15252.50000	318.48	97.16	48.823789	-86.926130	56445.68	56241.6	8.38	56454.06	56471.75000	56472.45882	56496.78516	505422.1	5407870.2
L5420.0	505422.1	5407871.0	15252.59961	320.67	97.16	48.823797	-86.926130	56444.36	56241.6	8.38	56452.74	56470.46484	56471.11482	56495.40234	505422.1	5407871.0
L5420.0	505422.1	5407871.0	15252.70020	318.92	97.16	48.823797	-86.926130	56443.08	56241.6	8.39	56451.46	56469.21484	56471.08178	56495.33203	505422.1	5407871.0
L5420.0	505422.0	5407871.9	15252.79981	318.11	100.25	48.823805	-86.926130	56441.63	56241.6	8.39	56450.01	56467.80078	56467.04413	56491.25781	505422.0	5407871.9
L5420.0	505422.0	5407872.5	15252.90039	316.10	100.25	48.823810	-86.926131	56440.30	56241.6	8.40	56448.69	56466.51172	56466.57851	56490.75781	505422.0	5407872.5
L5420.0	505422.0	5407872.9	15253.00000	314.53	105.01	48.823814	-86.926131	56438.82	56241.6	8.40	56447.22	56465.07422	56462.63332	56486.77734	505422.0	5407872.9
L5420.0	505422.0	5407873.7	15253.00000	314.53	107.19	48.823821	-86.926131	56437.41	56241.6	8.40	56445.81	56463.69531	56460.48667	56484.59375	505422.0	5407873.7
L5420.0	505422.0	5407874.5	15253.20020	316.54	107.52	48.823828	-86.926131	56435.96	56241.6	8.40	56444.36	56462.27734	56457.63399	56481.70313	505422.0	5407874.5
L5420.0	505422.0	5407875.4	15253.29981	315.48	107.52	48.823836	-86.926131	56434.45	56241.6	8.40	56442.85	56460.80078	56453.59935	56477.63281	505422.0	5407875.4
L5420.0	505421.9	5407876.2	15253.40039	316.05	98.29	48.823843	-86.926132	56433.15	56241.6	8.40	56441.55	56459.53125	56454.95677	56478.95313	505421.9	5407876.2
L5420.0	505421.9	5407876.2	15253.50000	316.34	97.68	48.823843	-86.926132	56431.59	56241.6	8.39	56439.99	56458.00000	56450.26312	56474.22266	505421.9	5407876.2
L5420.0	505421.9	5407877.0	15253.59961	315.32	97.68	48.823851	-86.926132	56430.27	56241.6	8.39	56438.66	56456.70313	56451.33426	56475.25781	505421.9	5407877.0
L5420.0	505421.9	5407877.9	15253.70020	313.66	100.22	48.823859	-86.926132	56428.71	56241.6	8.39	56437.10	56455.17188	56447.16434	56471.05078	505421.9	5407877.9
L5420.0	505422.0	5407878.7	15253.79981	313.75	101.6	48.823866	-86.926131	56427.38	56241.6	8.39	56435.78	56453.88281	56448.85728	56472.70313	505422.0	5407878.7
L5420.0	505422.0	5407879.5	15253.90039	312.36	101.72	48.823873	-86.926131	56425.88	56241.6	8.39	56434.27	56452.40234	56446.29773	56470.10938	505422.0	5407879.5
L5420.0	505422.0	5407880.2	15254.00000	312.67	101.72	48.823880	-86.926131	56424.45	56241.6	8.39	56432.84	56451.00000	56445.77874	56469.55078	505422.0	5407880.2
L5420.0	505422.0	5407880.8	15254.09961	313.70	106.88	48.823885	-86.926131	56422.64	56241.6	8.39	56431.03	56449.22266	56436.75262	56460.48828	505422.0	5407880.8
L5420.0	505422.0	5407881.9	15254.20020	313.01	109.68	48.823894	-86.926131	56420.93	56241.6	8.39	56429.31	56447.53125	56430.02215	56453.71484	505422.0	5407881.9
L5420.0	505422.0	5407882.7	15254.29981	314.47	109.52	48.823902	-86.926131	56419.42	56241.6	8.39	56427.81	56446.05859	56428.45161	56452.10547	505422.0	5407882.7
L5420.0	505422.0	5407882.7	15254.40039	315.05	109.52	48.823902	-86.926131	56417.94	56241.6	8.39	56426.32	56444.59766	56427.23425	56450.85156	505422.0	5407882.7
L5420.0	505422.0	5407883.6	15254.50000	313.46	106.52	48.823910	-86.926130	56416.54	56241.6	8.38	56424.92	56443.22266	56428.14144	56451.71875	505422.0	5407883.6
L5420.0	505422.1	5407884.4	15254.59961	312.84	111.64	48.823917	-86.926130	56415.18	56241.6	8.38	56423.57	56441.90234	56430.25181	56453.78906	505422.1	5407884.4
L5420.0	505422.1	5407885.3	15254.70020	313.99	111.64	48.823925	-86.926130	56413.45	56241.6	8.38	56421.83	56440.18750	56423.79082	56447.28516	505422.1	5407885.3
L5420.0	505422.1	5407886.2	15254.79981	313.69	111.69	48.823934	-86.926129	56412.13	56241.6	8.38	56420.51	56438.89453	56426.74332	56450.19531	505422.1	5407886.2
L5420.0	505422.1	5407887.1	15254.90039	314.17	112.27	48.823941	-86.926129	56410.52	56241.6	8.38	56418.90	56437.30859	56423.35988	56446.76953	505422.1	5407887.1
L5420.0	505422.1	5407887.1	15255.00000	312.58	112.27	48.823941	-86.926129	56409.12	56241.6	8.38	56417.50	56435.93750	56424.70050	56448.06641	505422.1	5407887.1
L5420.0	505422.2	5407888.3	15255.00000	312.58	112.37	48.823952	-86.926128	56407.58	56241.6	8.38	56415.96	56434.42188	56423.02952	56446.35547	505422.2	5407888.3
L5420.0	505422.2	5407889.3	15255.20020	311.67	112.06	48.823961	-86.926128	56406.13	56241.6	8.39	56414.51	56432.99609	56423.42670	56446.70703	505422.2	5407889.3
L5420.0	505422.3	5407890.2	15255.29981	313.57	112.06	48.823969	-86.926127	56404.49	56241.6	8.39	56412.88	56431.39063	56419.92223	56443.15625	505422.3	5407890.2
L5420.0	505422.3	5407891.2	15255.40039	314.39	100.85	48.823978	-86.926127	56402.98	56241.6	8.40	56411.38	56429.91406	56419.37293	56442.56250	505422.3	5407891.2
L5420.0	505422.3	5407891.2	15255.50000	313.89	101.29	48.823978	-86.926127	56401.13	56241.6	8.40	56409.53	56428.08984	56411.09509	56434.23828	505422.3	5407891.2
L5420.0	505422.3	5407892.2	15255.59961	315.28	101.29	48.823987	-86.926126	56399.70	56241.6	8.40	56408.10	56426.68359	56412.24703	56435.34375	505422.3	5407892.2
L5420.0	505422.3	5407893.2	15255.70020	316.21	101.92	48.823996	-86.926126	56398.11	56241.6	8.41	56406.52	56425.12500	56410.11360	56433.16016	505422.3	5407893.2
L5420.0	505422.4	5407894.2	15255.79981	314.63	113.87	48.824005	-86.926126	56396.64	56241.6	8.41	56405.05	56423.67578	56410.54798	56433.54688	505422.4	5407894.2
L5420.0	505422.4	5407895.2	15255.90039	312.97	113.87	48.824014	-86.926125	56394.84	56241.6	8.42	56403.26	56421.90625	56403.73561	56426.68359	505422.4	5407895.2
L5420.0	505422.4	5407896.3	15256.00000	312.98	114.43	48.824024	-86.926125	56393.54	56241.6	8.42	56401.96	56420.62891	56408.25151	56431.14844	505422.4	5407896.3
L5420.0	505422.4	5407896.3	15256.09961	312.82	114.43	48.824024	-86.926125	56391.84	56241.6	8.42	56400.25	56418.94141	56403.36602	56426.21094	505422.4	5407896.3
L5420.0	505422.4	5407897.2	15256.20020	309.81	115.32	48.824032	-86.926125	56390.45	56241.6	8.41	56398.87	56417.58203	56406.25698	56429.05078	505422.4	5407897.2
L5420.0	505422.4	5407898.2	15256.29981	311.35	115.32	48.824041	-86.926125	56388.67	56241.6	8.41	56397.08	56415.80859	56399.56875	56422.30859	505422.4	5407898.2
L5420.0	505422.4	5407899.4	15256.40039	314.41	115.39	48.824052	-86.926125	56387.22	56241.6	8.41	56395.63	56414.37891	56400.98040	56423.66406	505422.4	5407899.4
L5420.0	505422.4	5407899.4	15256.50000	313.89	115.89	48.824052	-86.926125	56385.53	56241.6	8.40	56393.94	56412.70703	56396.73977	56419.36719	505422.4	5407899.4
L5420.0	505422.4	5407900.6	15256.59961	315.61	115.89	48.824062	-86.926125	56384.05	56241.6	8.40	56392.45	56411.23438	56397.34548	56419.91797	505422.4	5407900.6
L5420.0	505422.4	5407901.3	15256.70020	318.60	115.71	48.824069	-86.926125	56382.34	56241.6	8.40	56390.74	56409.54297	56392.71585	56415.22656	505422.4	5407901.3
L5420.0	505422.5	5407902.5	15256.79981	318.50	115.92	48.824080	-86.926124	56380.78	56241.6	8.40	56389.18	56408.00000	56391.75041	56414.20313	505422.5	5407902.5
L5420.0	505422.5	5407903.6	15256.90039	316.43	115.92	48.824089	-86.926124	56379.05	56241.6	8.39	56387.44	56406.27734	56386.48796	56408.87891	505422.5	5407903.6
L5420.0	505422.5	5407903.6	15257.00000	317.76	116.41	48.824089	-86.926124	56377.62	56241.6	8.39	56386.01	56404.86328	56388.75608	56411.08594	505422.5	5407903.6
L5420.0	505422.5	5407904.6	15257.00000	317.76	116.67	48.824099	-86.926124	56375.86	56241.6	8.39	56384.25	56403.11719	56383.10704	56405.37500	505422.5	5407904.6
L5420.0	505422.4	5407905.7	15257.20020	315.79	116.67	48.824108	-86.926125	56374.33	56241.6	8.39	56382.72	56401.60156	56383.03321	56405.23438	505422.4	5407905.7
L5420.0	505422.4	5407907.0	15257.29981	316.74	116.89	48.824121	-86.926125	56372.67	56241.6	8.39	56381.07	56399.96484	56380.10968	56402.24609	505422.4	5407907.0
L5420.0	505422.4	5407907.0	15257.40039	316.08	116.89	48.824121	-86.926125	56371.16	56241.6	8.39	56379.56	56398.46875	56380.54546	56402.61328	505422.4	5407907.0
L5420.0	505422.4	5407907.9	15257.50000	315.24	116.85	48.824129	-86.926125	56369.27	56241.6	8.40	56377.67	56396.59375	56371.99749	56393.99609	505422.4	5407907.9
L5420.0	505422.4	5407909.2	15257.59961	314.20	116.85	48.824140	-86.926125	56367.79	56241.6	8.40	56376.19	56395.12500	56373.16366	56395.09375	505422.4	5407909.2
L5420.0	505422.4	5407910.5	15257.70020	313.83	116.85	48.824152	-86.926125	56366.04	56241.6	8.40	56374.43	56393.37891	56367.76489	56389.62500	505422.4	5407910.5
L5420.0	505422.4	5407911.4	15257.79981	313.54	117.28	48.824160	-86.926125	56364.58	56241.6	8.40	56372.98	56391.93750	56369.59121	56391.37500	505422.4	5407911.4
L5420.0	505422.4	5407911.4	15257.90039	312.85	117.43	48.824160	-86.926125	56362.77	56241.6	8.40	56371.17	56390.14063	56363.06869	56384.78125	505422.4	5407911.4
L5420.0	505422.4	5407913.4	15258.00000	313.83	117.43	48.824178	-86.926125	56361.36	56241.6	8.40	56369.76	56388.73828	56365.74305	56387.37891	505422.4	5407913.4
L5420.0	505422.4	5407913.4	15258.09961	312.76	117.74	48.824178	-86.926125	56359.91	56241.6	8.40	56368.31	56387.29688	56367.43383	56388.99219	505422.4	5407913.4
L5420.0	505422.4	5407914.4	15258.20020	312.24	117.74	48.824186	-86.926126	56358.18	56241.6	8.40	56366.58	56385.57813	56362.71425	56384.19531	505422.4	5407914.4
L5420.0	505422.3	5407915.6	15258.29981	313.36	117.87	48.824198	-86.926126	56356.48	56241.6	8.41	56364.89	56383.89453	56358.89259	56380.29297	505422.3	5407915.6
L5420.0	505422.3	5407916.4	15258.40039	312.28	117.87	48.824205	-86.926126	56355.21	56241.6	8.41	56363.62	56382.63281	56364.49988	56385.82031	505422.3	5407916.4
L5420.0	505422.3	5407917.4	15258.50000	310.84	118.5	48.824214	-86.926126	56353.50	56241.6	8.41	56361.91	56380.92969	56360.15507	56381.39453	505422.3	5407917.4
L5420.0	505422.3	5407918.5	15258.59961	310.43	118.5	48.824224	-86.926126	56351.84	56241.6	8.41	56360.26	56379.28516	56357.12996	56378.28516	505422.3	5407918.5
L5420.0	505422.3	5407918.5	15258.70020	310.95	118.5	48.824224	-86.926126	56350.16	56241.6	8.41	56358.57	56377.59766	56353.17903	56374.24609	505422.3	5407918.5
L5420.0	505422.3	5407920.4	15258.79981	310.56	118.5	48.824241	-86.926126	56348.58	56241.6	8.42	56356.99	56376.02344	56351.65199	56372.63281	505422.3	5407920.4
L5420.0	505422.3	5407920.4	15258.90039	313.55	118.5	48.824241	-86.926126	56346.79	56241.6	8.42	56355.20	56374.23828	56345.41038	56366.30078	505422.3	5407920.4
L5420.0	505422.3	5407921.4	15259.00000	315.81	118.5	48.824249	-86.926126	56345.31	56241.6	8.42	56353.73	56372.76953	56346.26792	56367.07031	505422.3	5407921.4
L5420.0	505422.3	5407922.6	15259.00000	315.81	118.5	48.824261	-86.926126	56343.83	56241.6	8.42	56352.25	56371.29297	56346.86803	56367.57813	505422.3	5407922.6
L5420.0	505422.3	5407923.7	15259.20020	315.97	105.86	48.824271	-86.926126	56342.27	56241.6	8.42	56350.70	56369.74609	56345.88272	56366.50000	505422.3	5407923.7
L5420.0	505422.3	5407924.7	15259.29981	316.29	118.9	48.824280	-86.926126	56340.74	56241.6	8.43	56349.16	56368.20313	56345.09536	56365.61719	505422.3	5407924.7
L5420.0	505422.3	5407926.0	15259.40039	315.51	118.9	48.824291	-86.926126	56339.32	56241.6	8.43	56347.74	56366.78516	56346.94459	56367.37109	505422.3	5407926.0
L5420.0	505422.3	5407926.0	15259.50000	314.43	118.9	48.824291	-86.926126	56337.68	56241.6	8.43	56346.11	56365.15625	56344.12438	56364.45313	505422.3	5407926.0
L5420.0	505422.3	5407927.2	15259.59961	314.89	119.16	48.824302	-86.926125	56335.97	56241.6	8.43	56344.40	56363.44531	56339.53115	56359.76172	505422.3	5407927.2
L5420.0	505422.4	5407928.1	15259.70020	313.34	119.16	48.824310	-86.926125	56334.28	56241.6	8.43	56342.72	56361.76172	56335.60331	56355.73438	505422.4	5407928.1
L5420.0	505422.4	5407929.3	15259.79981	312.05	119.16	48.824321	-86.926125	56332.63	56241.6	8.44	56341.06	56360.09766	56332.12404	56352.15234	505422.4	5407929.3
L5420.0	505422.4	5407930.6	15259.90039	312.81	119.16	48.824333	-86.926125	56331.18	56241.6	8.44	56339.61	56358.64453	56333.25417	56353.17969	505422.4	5407930.6
L5420.0	505422.4	5407930.6	15260.00000	312.32	119.16	48.824333	-86.926125	56329.48	56241.6	8.44	56337.92	56356.94922	56329.13132	56348.95313	505422.4	5407930.6
L5420.0	505422.4	5407932.0	15260.09961	311.88	119.16	48.824345	-86.926125	56328.04	56241.6	8.44	56336.48	56355.50391	56330.46444	56350.17969	505422.4	5407932.0
L5420.0	505422.4	5407933.5	15260.20020	313.53	119.16	48.824359	-86.926125	56326.58	56241.6	8.44	56335.02	56354.03906	56331.34476	56350.94922	505422.4	5407933.5

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5420.0	505422.4	5407933.5	15260.29981	312.50	119.16	48.824359	-86.926125	56325.00	56241.6	8.44	56333.44	56352.45313	56329.62047	56349.11719	505422.4	5407933.5
L5420.0	505422.4	5407934.5	15260.40039	310.80	119.16	48.824368	-86.926125	56323.44	56241.6	8.44	56331.88	56350.88672	56328.32780	56347.71484	505422.4	5407934.5
L5420.0	505422.3	5407935.7	15260.50000	310.16	119.16	48.824379	-86.926125	56321.78	56241.6	8.44	56330.22	56349.21875	56324.89727	56344.17188	505422.3	5407935.7
L5420.0	505422.3	5407936.9	15260.59961	310.36	119.16	48.824389	-86.926125	56320.18	56241.6	8.44	56328.62	56347.60938	56322.75580	56341.91797	505422.3	5407936.9
L5420.0	505422.3	5407938.1	15260.70020	310.67	119.16	48.824400	-86.926125	56318.59	56241.6	8.44	56327.03	56346.00781	56320.82419	56339.87109	505422.3	5407938.1
L5420.0	505422.3	5407939.1	15260.79981	311.99	119.16	48.824409	-86.926125	56317.14	56241.6	8.44	56325.58	56344.54688	56321.83146	56340.76172	505422.3	5407939.1
L5420.0	505422.3	5407939.9	15260.90039	313.91	119.16	48.824416	-86.926125	56315.50	56241.6	8.44	56323.94	56342.89844	56318.81926	56337.63281	505422.3	5407939.9
L5420.0	505422.3	5407941.1	15261.00000	313.89	119.16	48.824427	-86.926125	56313.74	56241.6	8.44	56322.18	56341.12500	56313.29514	56331.99219	505422.3	5407941.1
L5420.0	505422.3	5407941.1	15261.00000	313.89	119.16	48.824427	-86.926125	56312.14	56241.6	8.44	56320.58	56339.51172	56311.10544	56329.68359	505422.3	5407941.1
L5420.0	505422.3	5407942.5	15261.20020	314.26	119.16	48.824439	-86.926126	56310.53	56241.6	8.44	56318.97	56337.88672	56308.68413	56327.14453	505422.3	5407942.5
L5420.0	505422.3	5407943.7	15261.29981	313.19	119.16	48.824450	-86.926126	56308.99	56241.6	8.45	56317.44	56336.34375	56307.88395	56326.22266	505422.3	5407943.7
L5420.0	505422.3	5407944.9	15261.40039	313.88	119.16	48.824461	-86.926126	56307.21	56241.6	8.45	56315.66	56334.54688	56301.90872	56320.12500	505422.3	5407944.9
L5420.0	505422.3	5407945.8	15261.50000	314.10	119.16	48.824469	-86.926126	56305.55	56241.6	8.45	56314.00	56332.87109	56298.37552	56316.46875	505422.3	5407945.8
L5420.0	505422.3	5407947.2	15261.59961	311.81	119.16	48.824481	-86.926126	56304.07	56241.5	8.45	56312.52	56331.37500	56298.46482	56316.43359	505422.3	5407947.2
L5420.0	505422.3	5407947.2	15261.70020	313.01	119.16	48.824481	-86.926126	56302.56	56241.5	8.45	56311.02	56329.85547	56298.07492	56315.91797	505422.3	5407947.2
L5420.0	505422.2	5407948.8	15261.79981	311.77	119.16	48.824496	-86.926127	56301.08	56241.5	8.46	56309.53	56328.34766	56297.80688	56315.52344	505422.2	5407948.8
L5420.0	505422.2	5407949.8	15261.90039	310.59	119.16	48.824506	-86.926127	56299.71	56241.5	8.46	56308.17	56326.96875	56300.05952	56317.64844	505422.2	5407949.8
L5420.0	505422.2	5407950.8	15262.00000	310.23	119.16	48.824515	-86.926127	56298.25	56241.5	8.46	56306.71	56325.48828	56300.20189	56317.66406	505422.2	5407950.8
L5420.0	505422.2	5407952.0	15262.09961	310.05	119.16	48.824525	-86.926127	56296.85	56241.5	8.46	56305.31	56324.06641	56301.44625	56318.78125	505422.2	5407952.0
L5420.0	505422.2	5407952.6	15262.20020	311.81	130	48.824531	-86.926127	56295.07	56241.5	8.47	56303.53	56322.26563	56295.00793	56312.21094	505422.2	5407952.6
L5420.0	505422.2	5407953.9	15262.29981	310.36	130	48.824542	-86.926127	56293.29	56241.5	8.47	56301.76	56320.47266	56288.67021	56305.74219	505422.2	5407953.9
L5420.0	505422.2	5407953.9	15262.40039	310.73	110.62	48.824542	-86.926127	56291.79	56241.5	8.47	56300.26	56318.94922	56287.60991	56304.55078	505422.2	5407953.9
L5420.0	505422.2	5407955.5	15262.50000	311.47	111.93	48.824557	-86.926127	56290.37	56241.5	8.47	56298.84	56317.50391	56288.04000	56304.85156	505422.2	5407955.5
L5420.0	505422.2	5407956.3	15262.59961	310.18	115.81	48.824564	-86.926128	56288.66	56241.5	8.48	56297.13	56315.76953	56282.52831	56299.20703	505422.2	5407956.3
L5420.0	505422.1	5407957.6	15262.70020	308.86	115.81	48.824575	-86.926128	56287.14	56241.5	8.48	56295.63	56314.24219	56281.10778	56297.65625	505422.1	5407957.6
L5420.0	505422.1	5407958.8	15262.79981	310.30	115.81	48.824586	-86.926128	56285.72	56241.5	8.48	56294.20	56312.78516	56280.99209	56297.40625	505422.1	5407958.8
L5420.0	505422.1	5407960.0	15262.90039	311.87	115.64	48.824597	-86.926129	56284.22	56241.5	8.49	56292.71	56311.26953	56279.54514	56295.82422	505422.1	5407960.0
L5420.0	505422.1	5407960.0	15263.00000	311.36	115.64	48.824597	-86.926129	56282.71	56241.5	8.49	56291.20	56309.73047	56277.56883	56293.71484	505422.1	5407960.0
L5420.0	505422.0	5407961.3	15263.00000	311.36	115.99	48.824608	-86.926130	56281.25	56241.5	8.49	56289.74	56308.24219	56276.51078	56292.52344	505422.0	5407961.3
L5420.0	505422.0	5407962.5	15263.20020	315.92	115.99	48.824620	-86.926130	56279.82	56241.5	8.49	56288.31	56306.78125	56275.97429	56291.85156	505422.0	5407962.5
L5420.0	505422.0	5407963.8	15263.29981	314.52	115.99	48.824631	-86.926130	56278.52	56241.5	8.49	56287.01	56305.44922	56278.08118	56293.82031	505422.0	5407963.8
L5420.0	505421.9	5407965.0	15263.40039	313.15	111.41	48.824642	-86.926131	56276.82	56241.5	8.49	56285.31	56303.71875	56271.62621	56287.23047	505421.9	5407965.0
L5420.0	505421.9	5407965.0	15263.50000	314.53	108.3	48.824642	-86.926131	56275.15	56241.5	8.49	56283.64	56302.01563	56265.63787	56281.10938	505421.9	5407965.0
L5420.0	505421.9	5407966.5	15263.59961	314.72	113.01	48.824655	-86.926131	56273.70	56241.5	8.49	56282.19	56300.53516	56264.21338	56279.54688	505421.9	5407966.5
L5420.0	505421.9	5407967.7	15263.70020	314.55	113.01	48.824667	-86.926132	56272.34	56241.5	8.49	56280.83	56299.14063	56264.62037	56279.81641	505421.9	5407967.7
L5420.0	505421.8	5407968.8	15263.79981	315.31	110.97	48.824676	-86.926132	56271.07	56241.5	8.49	56279.56	56297.83203	56266.88397	56281.94531	505421.8	5407968.8
L5420.0	505421.8	5407970.0	15263.90039	314.89	109.56	48.824687	-86.926132	56269.70	56241.5	8.49	56278.19	56296.42969	56266.88695	56281.80859	505421.8	5407970.0
L5420.0	505421.8	5407971.2	15264.00000	312.57	109.56	48.824698	-86.926133	56268.08	56241.5	8.49	56276.57	56294.77344	56261.32897	56276.11328	505421.8	5407971.2
L5420.0	505421.8	5407971.2	15264.09961	313.03	109.56	48.824698	-86.926133	56266.64	56241.5	8.49	56275.13	56293.29297	56259.57392	56274.22266	505421.8	5407971.2
L5420.0	505421.7	5407972.9	15264.20020	312.90	110.27	48.824713	-86.926133	56265.24	56241.5	8.49	56273.73	56291.85547	56258.57723	56273.08984	505421.7	5407972.9
L5420.0	505421.7	5407974.1	15264.29981	312.10	111.55	48.824724	-86.926134	56263.81	56241.5	8.49	56272.29	56290.37500	56256.58627	56270.96094	505421.7	5407974.1
L5420.0	505421.7	5407975.4	15264.40039	312.45	111.55	48.824735	-86.926134	56262.29	56241.5	8.49	56270.78	56288.82813	56252.93934	56267.17578	505421.7	5407975.4
L5420.0	505421.7	5407975.4	15264.50000	314.91	117.24	48.824735	-86.926134	56260.88	56241.5	8.49	56269.37	56287.37500	56251.35766	56265.45703	505421.7	5407975.4
L5420.0	505421.7	5407976.4	15264.59961	312.75	117.24	48.824744	-86.926134	56259.38	56241.5	8.48	56267.87	56285.83594	56247.67975	56261.64063	505421.7	5407976.4
L5420.0	505421.6	5407977.9	15264.70020	312.26	117.24	48.824758	-86.926135	56258.13	56241.5	8.48	56266.61	56284.53125	56249.12520	56262.94531	505421.6	5407977.9
L5420.0	505421.6	5407979.3	15264.79981	314.40	117.24	48.824770	-86.926135	56256.73	56241.5	8.48	56265.21	56283.08984	56247.37623	56261.05859	505421.6	5407979.3
L5420.0	505421.6	5407979.3	15264.90039	313.27	117.24	48.824770	-86.926135	56255.47	56241.5	8.48	56263.95	56281.78516	56248.54679	56262.08984	505421.6	5407979.3
L5420.0	505421.6	5407980.9	15265.00000	312.86	117.24	48.824785	-86.926135	56254.00	56241.5	8.48	56262.48	56280.26953	56245.00345	56258.41016	505421.6	5407980.9
L5420.0	505421.6	5407982.4	15265.00000	312.86	109.37	48.824798	-86.926136	56252.77	56241.5	8.48	56261.25	56278.99609	56246.54456	56259.81250	505421.6	5407982.4
L5420.0	505421.5	5407983.2	15265.20020	313.10	109.37	48.824806	-86.926136	56251.29	56241.5	8.48	56259.78	56277.47656	56242.74081	56255.87109	505421.5	5407983.2
L5420.0	505421.5	5407984.7	15265.29981	312.80	109.37	48.824819	-86.926136	56249.94	56241.5	8.49	56258.43	56276.08203	56241.40618	56254.39844	505421.5	5407984.7
L5420.0	505421.5	5407984.7	15265.40039	314.42	109.37	48.824819	-86.926136	56248.54	56241.5	8.49	56257.03	56274.63281	56238.86457	56251.71875	505421.5	5407984.7
L5420.0	505421.5	5407986.2	15265.50000	313.83	109.37	48.824832	-86.926136	56247.20	56241.5	8.49	56255.69	56273.24609	56237.48166	56250.19531	505421.5	5407986.2
L5420.0	505421.5	5407987.5	15265.59961	314.07	109.37	48.824844	-86.926136	56245.70	56241.5	8.49	56254.20	56271.70313	56232.78313	56245.35938	505421.5	5407987.5
L5420.0	505421.5	5407988.9	15265.70020	314.30	109.37	48.824857	-86.926136	56244.54	56241.5	8.49	56253.03	56270.48438	56234.74481	56247.18359	505421.5	5407988.9
L5420.0	505421.5	5407988.9	15265.79981	313.80	109.37	48.824857	-86.926136	56243.23	56241.5	8.50	56251.72	56269.12500	56233.59813	56245.89844	505421.5	5407988.9
L5420.0	505421.5	5407990.2	15265.90039	312.62	109.37	48.824869	-86.926136	56241.99	56241.5	8.50	56250.49	56267.83984	56233.97406	56246.13672	505421.5	5407990.2
L5420.0	505421.5	5407991.7	15266.00000	313.46	109.37	48.824882	-86.926136	56240.56	56241.5	8.50	56249.06	56266.35938	56230.07415	56242.09766	505421.5	5407991.7
L5420.0	505421.5	5407991.7	15266.09961	314.37	109.37	48.824882	-86.926136	56239.34	56241.5	8.50	56247.84	56265.08594	56230.35900	56242.24609	505421.5	5407991.7
L5420.0	505421.5	5407992.7	15266.20020	313.16	109.66	48.824891	-86.926136	56237.88	56241.5	8.51	56246.39	56263.58203	56225.83634	56237.58203	505421.5	5407992.7
L5420.0	505421.5	5407994.2	15266.29981	311.20	112.79	48.824905	-86.926136	56236.61	56241.5	8.51	56245.12	56262.25781	56224.82404	56236.43359	505421.5	5407994.2
L5420.0	505421.5	5407995.3	15266.40039	312.27	112.79	48.824914	-86.926136	56235.30	56241.5	8.51	56243.81	56260.89063	56222.86911	56234.33984	505421.5	5407995.3
L5420.0	505421.6	5407996.8	15266.50000	310.74	113.15	48.824928	-86.926135	56234.32	56241.5	8.51	56242.83	56259.85547	56227.23773	56238.57031	505421.6	5407996.8
L5420.0	505421.6	5407996.8	15266.59961	309.95	113.15	48.824928	-86.926135	56232.91	56241.5	8.52	56241.43	56258.39844	56223.20619	56234.40234	505421.6	5407996.8
L5420.0	505421.6	5407998.0	15266.70020	310.27	113.15	48.824938	-86.926135	56231.87	56241.5	8.52	56240.39	56257.29688	56225.99629	56237.05469	505421.6	5407998.0
L5420.0	505421.6	5407999.2	15266.79981	310.62	113.15	48.824949	-86.926135	56230.50	56241.5	8.52	56239.02	56255.87109	56222.26948	56233.19141	505421.6	5407999.2
L5420.0	505421.6	5408000.3	15266.90039	307.68	113.07	48.824959	-86.926135	56229.42	56241.5	8.53	56237.95	56254.74219	56224.11685	56234.89844	505421.6	5408000.3
L5420.0	505421.6	5408000.3	15267.00000	308.43	110.39	48.824959	-86.926135	56227.96	56241.5	8.53	56236.49	56253.21875	56218.41982	56229.06641	505421.6	5408000.3
L5420.0	505421.6	5408002.0	15267.00000	308.43	110.39	48.824975	-86.926135	56226.89	56241.5	8.53	56235.42	56252.08984	56219.93292	56230.44531	505421.6	5408002.0
L5420.0	505421.6	5408003.3	15267.20020	310.22	110.39	48.824986	-86.926134	56225.46	56241.5	8.53	56233.99	56250.59766	56214.53945	56224.91406	505421.6	5408003.3
L5420.0	505421.6	5408004.3	15267.29981	309.90	105.39	48.824996	-86.926134	56224.40	56241.5	8.53	56232.93	56249.47656	56215.90517	56226.14453	505421.6	5408004.3
L5420.0	505421.6	5408005.8	15267.40039	311.33	105.39	48.825009	-86.926134	56223.09	56241.5	8.53	56231.62	56248.10156	56212.44669	56222.54688	505421.6	5408005.8
L5420.0	505421.6	5408007.1	15267.50000	311.42	109.59	48.825020	-86.926134	56222.02	56241.5	8.53	56230.55	56246.96875	56213.28513	56223.25391	505421.6	5408007.1
L5420.0	505421.6	5408007.1	15267.59961	311.46	109.59	48.825020	-86.926134	56220.70	56241.5	8.53	56229.23	56245.58594	56209.30298	56219.13672	505421.6	5408007.1
L5420.0	505421.6	5408008.3	15267.70020	312.32	109.59	48.825032	-86.926134	56219.63	56241.5	8.53	56228.15	56244.44141	56209.61362	56219.31250	505421.6	5408008.3
L5420.0	505421.7	5408009.4	15267.79981	313.60	109.59	48.825042	-86.926134	56218.42	56241.5	8.53	56226.95	56243.17578	56207.51265	56217.07422	505421.7	5408009.4
L5420.0	505421.7	5408010.5	15267.90039	312.35	115.84	48.825052	-86.926134	56217.27	56241.5	8.53	56225.80	56241.95703	56206.16914	56215.59766	505421.7	5408010.5
L5420.0	505421.6	5408012.1	15268.00000	310.51	116.49	48.825065	-86.926134	56216.11	56241.5	8.53	56224.64	56240.73047	56204.45899	56213.75391	505421.6	5408012.1
L5420.0	505421.6	5408012.9	15268.09961	310.88	114.57	48.825073	-86.926134	56215.10	56241.5	8.53	56223.63	56239.65234	56205.42579	56214.58594	505421.6	5408012.9
L5420.0	505421.6	5408014.2	15268.20020	310.11	114.57	48.825085	-86.926134	56213.93	56241.5	8.53	56222.46	56238.41406	56203.17498	56212.20313	505421.6	5408014.2
L5420.0	505421.6	5408015.3	15268.29981	310.38	115.99	48.825094	-86.926134	56212.83	56241.5	8.53	56221.36	56237.24609	56202.08520	56210.98047	505421.6	5408015.3
L5420.0	505421.6	5408015.3	15268.40039	311.62	117.15	48.825094	-86.926134	56211.56	56241.5	8.53	56220.09	56235.90625	56197.49575	56206.25781	505421.6	5408015.3
L5420.0	505421.6	5408018.1	15268.50000	311.32	117.15	48.825120	-86.926134	56210.56	56241.5	8.53	56219.09	56234.83594	56197.98147	56206.61328	505421.6	5408018.1
L5420.0	505421.6	5408018.1	15268.59961	311.86	117.78	48.825120	-86.926134	56209.51	56241.5	8.53	56218.04	56233.71875	56197.31845	56205.82031	505421.6	5408018.1
L5420.0	505421.6	5408019.2	15268.70020	314.95	117.78	48.825129	-86.926134	56208.60	56241.5	8.53	56217.13	56232.73438	56199.28384	56207.65234	505421.6	5408019.2
L5420.0	505421.6	5408020.6	15268.79981	310.23	117.78	48.825142	-86.926134	56207.38	56241.5	8.53	56215.91	56231.44531	56194.83792	56203.07422	505421.6	5408020.6
L5420.0	505421.6	5408021.7	15268.90039	310.55	117.78	48.825152	-86.926134	56206.45	56241.5	8.53	56214.97	56230.43359	56195.85174	56203.96094	505421.6	5408021.7
L5420.0	505421.6	5408021.7	15269.00000	311.33	116.41	48.825152	-86.926134	56205.23	56241.5	8.53	56213.76	56229.14844	56191.13383	56199.11328	505421.6	5408021.7
L5420.0	505421.6	5408023.0	15269.00000	311.33	116.41	48.825164	-86.926135	56204.20	56241.5	8.53	56212.73	56228.04688	56189.88208	56197.73438	505421.6	5408023.0
L5420.0	505421.6	5408024.1	15269.20020	312.58	117.48	48.825174	-86.926135	56203.14	56241.5	8.54	56211.67	56226.91406	56187.78005	56195.50391	505421.6	5408024.1
L5420.0	505421.6	5408025.4	15269.29981	313.45	118.05	48.825185	-86.926135	56202.24	56241.5	8.54	56210.78	56225.94922	56189.03818	56196.63281	505421.6	5408025.4
L5420.0	505421.5	5408026.7	15269.40039	314.85	118.05	48.825197	-86.926135	56201.19	56241.5	8.54	56209.73	56224.82422	56186.69643	56194.16406	505421.5	5408026.7
L5420.0	505421.5	5408028.3	15269.50000	312.89	118.05	48.825211	-86.926136	56200.05	56241.5	8.54	56208.59	56223.60938	56182.16912	56189.51172	505421.5	5408028.3

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5420.0	505421.5	5408029.5	15269.59961	311.58	118.05	48.825223	-86.926136	56199.03	56241.5	8.55	56207.58	56222.52344	56180.18548	56187.40234	505421.5	5408029.5
L5420.0	505421.5	5408029.5	15269.70020	316.47	118.05	48.825223	-86.926136	56198.18	56241.4	8.55	56206.73	56221.59766	56181.46437	56188.55469	505421.5	5408029.5
L5420.0	505421.4	5408030.8	15269.79981	316.74	118.05	48.825234	-86.926137	56197.16	56241.4	8.55	56205.72	56220.51172	56179.03268	56186.00000	505421.4	5408030.8
L5420.0	505421.4	5408032.1	15269.90039	315.94	118.05	48.825246	-86.926137	56196.35	56241.4	8.56	56204.91	56219.62500	56180.78290	56187.62500	505421.4	5408032.1
L5420.0	505421.4	5408033.0	15270.00000	316.84	118.05	48.825254	-86.926137	56195.38	56241.4	8.56	56203.93	56218.57031	56178.56259	56185.28516	505421.4	5408033.0
L5420.0	505421.3	5408034.5	15270.09961	315.47	118.05	48.825267	-86.926138	56194.38	56241.4	8.56	56202.94	56217.50000	56175.88828	56182.48828	505421.3	5408034.5
L5420.0	505421.3	5408034.5	15270.20020	315.34	118.05	48.825267	-86.926138	56193.36	56241.4	8.57	56201.93	56216.41406	56172.54047	56179.01953	505421.3	5408034.5
L5420.0	505421.3	5408035.8	15270.29981	313.73	118.05	48.825279	-86.926138	56192.58	56241.4	8.57	56201.15	56215.55469	56174.07660	56180.43359	505421.3	5408035.8
L5420.0	505421.3	5408037.1	15270.40039	313.58	118.05	48.825291	-86.926138	56191.88	56241.4	8.57	56200.45	56214.77734	56177.15111	56183.38672	505421.3	5408037.1
L5420.0	505421.3	5408038.2	15270.50000	312.83	118.05	48.825300	-86.926139	56191.06	56241.4	8.57	56199.63	56213.87891	56177.31794	56183.43750	505421.3	5408038.2
L5420.0	505421.2	5408039.5	15270.59961	314.64	118.05	48.825312	-86.926139	56190.00	56241.4	8.58	56198.57	56212.73828	56171.95609	56177.95703	505421.2	5408039.5
L5420.0	505421.2	5408040.8	15270.70020	314.10	118.05	48.825324	-86.926139	56189.18	56241.4	8.58	56197.76	56211.85156	56171.87187	56177.75391	505421.2	5408040.8
L5420.0	505421.2	5408040.8	15270.79981	313.84	118.05	48.825324	-86.926139	56188.34	56241.4	8.58	56196.92	56210.92969	56170.88710	56176.65234	505421.2	5408040.8
L5420.0	505421.2	5408042.1	15270.90039	314.13	118.05	48.825336	-86.926139	56187.50	56241.4	8.59	56196.08	56210.01172	56169.66322	56175.31641	505421.2	5408042.1
L5420.0	505421.2	5408043.2	15271.00000	314.63	118.05	48.825346	-86.926140	56186.82	56241.4	8.59	56195.41	56209.26172	56171.85151	56177.39063	505421.2	5408043.2
L5420.0	505421.2	5408044.5	15271.00000	314.63	118.05	48.825357	-86.926140	56186.01	56241.4	8.59	56194.60	56208.37109	56170.76692	56176.19141	505421.2	5408044.5
L5420.0	505421.2	5408045.6	15271.20020	311.20	118.05	48.825367	-86.926140	56185.17	56241.4	8.59	56193.76	56207.45313	56168.80650	56174.11719	505421.2	5408045.6
L5420.0	505421.1	5408046.7	15271.29981	309.08	112.39	48.825377	-86.926140	56184.34	56241.4	8.59	56192.93	56206.54297	56166.82799	56172.02734	505421.1	5408046.7
L5420.0	505421.1	5408047.6	15271.40039	309.66	112.4	48.825385	-86.926141	56183.60	56241.4	8.59	56192.19	56205.72266	56166.49459	56171.58203	505421.1	5408047.6
L5420.0	505421.1	5408048.9	15271.50000	308.05	107.84	48.825397	-86.926141	56182.86	56241.4	8.59	56191.45	56204.90234	56165.91015	56170.89063	505421.1	5408048.9
L5420.0	505421.1	5408050.4	15271.59961	309.07	107.84	48.825410	-86.926141	56182.19	56241.4	8.59	56190.78	56204.15234	56166.51605	56171.38672	505421.1	5408050.4
L5420.0	505421.1	5408050.4	15271.70020	312.63	109.78	48.825410	-86.926141	56181.40	56241.4	8.59	56189.99	56203.28125	56164.42470	56169.18750	505421.1	5408050.4
L5420.0	505421.1	5408052.0	15271.79981	313.94	113.69	48.825425	-86.926141	56180.83	56241.4	8.59	56189.42	56202.62891	56166.55912	56171.21484	505421.1	5408052.0
L5420.0	505421.1	5408053.3	15271.90039	313.17	113.69	48.825436	-86.926141	56180.04	56241.4	8.59	56188.63	56201.75781	56164.02374	56168.57422	505421.1	5408053.3
L5420.0	505421.1	5408054.4	15272.00000	316.18	117.14	48.825446	-86.926141	56179.50	56241.4	8.59	56188.09	56201.14063	56166.25023	56170.69922	505421.1	5408054.4
L5420.0	505421.1	5408055.5	15272.09961	313.59	117.14	48.825456	-86.926141	56178.78	56241.4	8.59	56187.37	56200.33984	56164.66634	56169.01172	505421.1	5408055.5
L5420.0	505421.1	5408055.5	15272.20020	311.51	116.02	48.825456	-86.926141	56178.29	56241.4	8.59	56186.88	56199.76953	56167.35494	56171.59766	505421.1	5408055.5
L5420.0	505421.1	5408057.0	15272.29981	310.58	115.94	48.825470	-86.926141	56177.31	56241.4	8.60	56185.90	56198.70703	56160.29389	56164.43359	505421.1	5408057.0
L5420.0	505421.1	5408058.6	15272.40039	313.15	115.94	48.825484	-86.926141	56176.93	56241.4	8.60	56185.52	56198.25000	56164.61211	56168.65234	505421.1	5408058.6
L5420.0	505421.1	5408059.8	15272.50000	312.74	113.45	48.825494	-86.926141	56176.00	56241.4	8.60	56184.60	56197.25000	56158.34932	56162.29297	505421.1	5408059.8
L5420.0	505421.1	5408060.8	15272.59961	311.23	113.83	48.825504	-86.926141	56175.50	56241.4	8.60	56184.11	56196.67969	56160.06519	56163.91016	505421.1	5408060.8
L5420.0	505421.1	5408061.9	15272.70020	313.31	115.04	48.825514	-86.926141	56174.88	56241.4	8.60	56183.48	56195.96875	56158.89059	56162.64063	505421.1	5408061.9
L5420.0	505421.1	5408063.0	15272.79981	312.04	115.04	48.825524	-86.926141	56174.66	56241.4	8.61	56183.26	56195.66797	56165.16606	56168.82031	505421.1	5408063.0
L5420.0	505421.1	5408064.3	15272.90039	310.84	114.07	48.825536	-86.926141	56173.91	56241.4	8.61	56182.52	56194.85156	56161.46115	56165.01953	505421.1	5408064.3
L5420.0	505421.1	5408064.3	15273.00000	312.19	114.07	48.825536	-86.926141	56173.54	56241.4	8.61	56182.15	56194.40234	56164.42870	56167.89453	505421.1	5408064.3
L5420.0	505421.0	5408065.9	15273.00000	312.19	113.11	48.825550	-86.926141	56172.81	56241.4	8.61	56181.42	56193.59375	56160.46636	56163.83984	505421.0	5408065.9
L5420.0	505421.0	5408066.7	15273.20020	310.38	112.4	48.825557	-86.926142	56172.50	56241.4	8.61	56181.12	56193.21484	56164.26765	56167.55078	505421.0	5408066.7
L5420.0	505421.0	5408068.3	15273.29981	309.43	113.41	48.825571	-86.926142	56171.74	56241.4	8.61	56180.36	56192.37500	56159.28271	56162.47656	505421.0	5408068.3
L5420.0	505421.0	5408068.3	15273.40039	308.57	111.41	48.825571	-86.926142	56171.26	56241.4	8.61	56179.87	56191.80859	56159.08730	56162.19141	505421.0	5408068.3
L5420.0	505421.0	5408070.1	15273.50000	308.69	108.45	48.825588	-86.926142	56170.52	56241.4	8.62	56179.14	56191.00000	56154.15226	56157.17188	505421.0	5408070.1
L5420.0	505421.0	5408071.5	15273.59961	308.51	101.91	48.825600	-86.926142	56170.27	56241.4	8.62	56178.89	56190.67188	56158.01239	56160.94531	505421.0	5408071.5
L5420.0	505421.0	5408072.9	15273.70020	310.63	101.91	48.825612	-86.926142	56169.49	56241.4	8.62	56178.11	56189.81641	56151.60105	56154.44922	505421.0	5408072.9
L5420.0	505421.0	5408072.9	15273.79981	310.11	105.31	48.825612	-86.926142	56169.29	56241.4	8.62	56177.91	56189.53906	56156.02685	56158.79297	505421.0	5408072.9
L5420.0	505421.0	5408074.4	15273.90039	311.26	102.78	48.825626	-86.926142	56168.66	56241.4	8.62	56177.28	56188.83594	56151.96771	56154.64844	505421.0	5408074.4
L5420.0	505421.0	5408075.8	15274.00000	312.72	102.78	48.825639	-86.926142	56168.45	56241.4	8.62	56177.07	56188.55078	56155.87755	56158.48047	505421.0	5408075.8
L5420.0	505420.9	5408076.9	15274.09961	314.70	101.47	48.825649	-86.926143	56167.79	56241.4	8.62	56176.42	56187.82422	56150.92665	56153.44922	505420.9	5408076.9
L5420.0	505420.9	5408078.3	15274.20020	312.93	103.22	48.825661	-86.926143	56167.73	56241.4	8.63	56176.36	56187.69141	56157.55218	56159.99609	505420.9	5408078.3
L5420.0	505420.9	5408079.2	15274.29981	312.84	106.85	48.825669	-86.926143	56166.98	56241.4	8.63	56175.61	56186.86719	56150.09576	56152.46094	505420.9	5408079.2
L5420.0	505420.9	5408080.5	15274.40039	312.87	106.85	48.825681	-86.926143	56166.84	56241.4	8.64	56175.48	56186.66406	56155.07387	56157.36328	505420.9	5408080.5
L5420.0	505420.9	5408080.5	15274.50000	313.72	108.94	48.825681	-86.926143	56166.13	56241.4	8.64	56174.77	56185.88281	56147.91089	56150.12500	505420.9	5408080.5
L5420.0	505420.9	5408081.9	15274.59961	313.39	108.99	48.825693	-86.926143	56165.90	56241.4	8.64	56174.54	56185.58203	56150.54427	56152.68359	505420.9	5408081.9
L5420.0	505420.9	5408083.2	15274.70020	312.47	108.99	48.825706	-86.926143	56165.42	56241.4	8.65	56174.07	56185.03906	56147.97710	56150.04297	505420.9	5408083.2
L5420.0	505420.9	5408084.2	15274.79981	313.71	108.99	48.825714	-86.926143	56165.39	56241.3	8.65	56174.04	56184.93750	56154.64540	56156.64063	505420.9	5408084.2
L5420.0	505420.9	5408085.8	15274.90039	313.10	108.63	48.825728	-86.926143	56164.86	56241.3	8.66	56173.51	56184.33984	56150.49001	56152.41406	505420.9	5408085.8
L5420.0	505420.9	5408085.8	15275.00000	315.88	108.37	48.825728	-86.926143	56164.62	56241.3	8.66	56173.28	56184.03906	56152.64732	56154.50391	505420.9	5408085.8
L5420.0	505420.9	5408087.6	15275.00000	315.88	104.9	48.825745	-86.926143	56164.13	56241.3	8.66	56172.79	56183.48047	56149.03605	56150.82422	505420.9	5408087.6
L5420.0	505420.9	5408089.7	15275.20020	315.27	104.9	48.825764	-86.926143	56163.86	56241.3	8.66	56172.52	56183.14453	56150.06161	56151.78125	505420.9	5408089.7
L5420.0	505420.9	5408091.1	15275.29981	314.85	104.59	48.825776	-86.926143	56163.42	56241.3	8.66	56172.08	56182.63672	56147.25651	56148.91016	505420.9	5408091.1
L5420.0	505420.9	5408091.1	15275.40039	316.67	107	48.825776	-86.926143	56163.26	56241.3	8.66	56171.92	56182.41016	56150.41700	56152.00781	505420.9	5408091.1
L5420.0	505420.9	5408092.4	15275.50000	314.10	106.27	48.825788	-86.926143	56162.82	56241.3	8.67	56171.49	56181.91406	56147.57892	56149.10547	505420.9	5408092.4
L5420.0	505420.9	5408093.6	15275.59961	311.96	106.27	48.825799	-86.926143	56162.61	56241.3	8.67	56171.27	56181.63281	56149.17601	56150.64063	505420.9	5408093.6
L5420.0	505420.9	5408095.0	15275.70020	310.25	108.65	48.825812	-86.926143	56162.20	56241.3	8.67	56170.87	56181.16797	56146.76168	56148.16406	505420.9	5408095.0
L5420.0	505420.9	5408096.3	15275.79981	312.85	105.26	48.825823	-86.926142	56162.10	56241.3	8.67	56170.77	56181.00391	56150.68064	56152.02344	505420.9	5408096.3
L5420.0	505420.9	5408097.5	15275.90039	312.21	103.17	48.825834	-86.926142	56161.66	56241.3	8.67	56170.33	56180.50391	56147.19600	56148.48047	505420.9	5408097.5
L5420.0	505420.9	5408098.1	15276.00000	311.47	104.07	48.825840	-86.926142	56161.57	56241.3	8.67	56170.24	56180.35156	56151.04426	56152.26953	505420.9	5408098.1
L5420.0	505421.0	5408099.7	15276.09961	313.09	103.87	48.825854	-86.926142	56161.18	56241.3	8.67	56169.85	56179.90234	56148.42403	56149.59375	505421.0	5408099.7
L5420.0	505421.0	5408100.9	15276.20020	313.82	103.87	48.825864	-86.926142	56161.04	56241.3	8.67	56169.71	56179.70313	56150.93970	56152.05469	505421.0	5408100.9
L5420.0	505421.0	5408100.9	15276.29981	312.61	105.24	48.825864	-86.926142	56160.64	56241.3	8.67	56169.31	56179.24609	56147.92881	56148.98828	505421.0	5408100.9
L5420.0	505421.0	5408102.3	15276.40039	313.94	108.75	48.825877	-86.926142	56160.52	56241.3	8.67	56169.19	56179.07031	56150.59934	56151.60547	505421.0	5408102.3
L5420.0	505421.0	5408103.7	15276.50000	313.30	108.75	48.825890	-86.926142	56160.03	56241.3	8.68	56168.71	56178.53125	56145.79017	56146.74219	505421.0	5408103.7
L5420.0	505421.0	5408104.5	15276.59961	310.96	109.1	48.825897	-86.926142	56159.93	56241.3	8.68	56168.60	56178.36719	56148.42424	56149.32813	505421.0	5408104.5
L5420.0	505421.0	5408105.7	15276.70020	312.26	109.56	48.825908	-86.926142	56159.63	56241.3	8.68	56168.30	56178.01563	56147.09956	56147.95313	505421.0	5408105.7
L5420.0	505421.0	5408107.5	15276.79981	313.38	109.56	48.825924	-86.926142	56159.63	56241.3	8.68	56168.30	56177.96094	56151.67120	56152.47266	505421.0	5408107.5
L5420.0	505421.0	5408107.5	15276.90039	311.56	96.96	48.825924	-86.926142	56159.31	56241.3	8.68	56167.98	56177.58984	56149.73857	56150.49219	505421.0	5408107.5
L5420.0	505421.0	5408108.7	15277.00000	311.54	102.88	48.825934	-86.926141	56159.06	56241.3	8.68	56167.74	56177.29688	56149.30502	56150.01172	505421.0	5408108.7
L5420.0	505421.0	5408110.0	15277.00000	311.54	107.49	48.825946	-86.926141	56158.73	56241.3	8.68	56167.41	56176.91797	56147.00910	56147.66797	505421.0	5408110.0
L5420.0	505421.0	5408111.3	15277.20020	311.52	108.91	48.825958	-86.926141	56158.67	56241.3	8.69	56167.36	56176.82031	56150.11999	56150.73438	505421.0	5408111.3
L5420.0	505421.0	5408112.8	15277.29981	311.41	108.91	48.825971	-86.926141	56158.25	56241.3	8.69	56166.94	56176.35156	56145.89266	56146.46484	505421.0	5408112.8
L5420.0	505421.0	5408112.8	15277.40039	312.34	109.61	48.825971	-86.926141	56158.16	56241.3	8.69	56166.86	56176.22656	56148.21965	56148.74609	505421.0	5408112.8
L5420.0	505421.1	5408114.1	15277.50000	312.90	105.61	48.825983	-86.926141	56157.91	56241.3	8.69	56166.60	56175.92188	56146.94496	56147.42969	505421.1	5408114.1
L5420.0	505421.1	5408115.7	15277.59961	310.47	105.61	48.825997	-86.926140	56158.06	56241.3	8.70	56166.76	56176.03516	56153.75209	56154.19531	505421.1	5408115.7
L5420.0	505421.1	5408116.9	15277.70020	309.22	104.97	48.826008	-86.926140	56157.66	56241.3	8.70	56166.36	56175.59375	56149.57704	56149.98047	505421.1	5408116.9
L5420.0	505421.1	5408118.2	15277.79981	311.17	104.97	48.826020	-86.926140	56157.49	56241.3	8.70	56166.19	56175.37891	56149.78960	56150.15234	505421.1	5408118.2
L5420.0	505421.1	5408119.4	15277.90039	311.08	106.15	48.826031	-86.926140	56157.12	56241.3	8.71	56165.83	56174.98047	56146.20733	56146.53125	505421.1	5408119.4
L5420.0	505421.1	5408121.0	15278.00000	311.60	109.11	48.826045	-86.926140	56157.15	56241.3	8.71	56165.86	56174.96875	56150.15974	56150.44531	505421.1	5408121.0
L5420.0	505421.1	5408122.0	15278.09961	312.20	109.11	48.826054	-86.926140	56156.75	56241.3	8.71	56165.46	56174.53125	56145.60637	56145.85547	505421.1	5408122.0
L5420.0	505421.1	5408123.4	15278.20020	310.84	99.37	48.826067	-86.926139	56156.71	56241.3	8.71	56165.42	56174.45313	56148.04556	56148.25781	505421.1	5408123.4
L5420.0	505421.1	5408123.4	15278.29981	310.23	103.86	48.826067	-86.926139	56156.54	56241.3	8.71	56165.25	56174.25000	56147.85419	56148.03125	505421.1	5408123.4
L5420.0	505421.1	5408124.7	15278.40039	311.04	103.86	48.826079	-86.926139	56156.52	56241.3	8.71	56165.23	56174.19141	56150.58319	56150.72656	505421.1	5408124.7
L5420.0	505421.2	5408126.5	15278.50000	312.45	105.23	48.826095	-86.926139	56156.22	56241.3	8.71	56164.93	56173.85938	56147.66144	56147.76953	505421.2	5408126.5
L5420.0	505421.2	5408127.7	15278.59961	311.52	105.23	48.826106	-86.926139	56155.98	56241.3	8.71	56164.69	56173.58594	56145.85567	56145.93359	505421.2	5408127.7
L5420.0	505421.2	5408127.7	15278.70020	311.81	99.88	48.826106	-86.926139	56155.73	56241.3	8.71	56164.44	56173.30469	56143.76954	56143.81250	505421.2	5408127.7
L5420.0	505421.2	5408129.1	15278.79981	312.53	96.13	48.826118	-86.926139	56155.65	56241.3	8.71	56164.36	56173.19531	56145.06723	56145.08203	505421.2	5408129.1

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5420.0	505421.2	5408130.4	15278.90039	313.03	98.39	48.826130	-86.926138	56155.40	56241.3	8.71	56164.11	56172.91406	56142.84795	56142.83203	505421.2	5408130.4
L5420.0	505421.2	5408131.9	15279.00000	313.40	104.82	48.826143	-86.926138	56155.42	56241.3	8.71	56164.13	56172.90625	56146.10331	56146.05469	505421.2	5408131.9
L5420.0	505421.2	5408133.2	15279.00000	313.40	106.02	48.826155	-86.926138	56155.25	56241.3	8.71	56163.96	56172.71094	56145.42106	56145.34375	505421.2	5408133.2
L5420.0	505421.2	5408133.2	15279.20020	313.93	106.02	48.826155	-86.926138	56155.38	56241.3	8.72	56164.10	56172.82422	56151.09563	56150.99219	505421.2	5408133.2
L5420.0	505421.2	5408134.6	15279.29981	312.57	106.02	48.826168	-86.926138	56155.09	56241.3	8.72	56163.81	56172.51172	56147.85016	56147.71875	505421.2	5408134.6
L5420.0	505421.2	5408136.0	15279.40039	313.48	107.53	48.826180	-86.926138	56155.00	56241.3	8.72	56163.72	56172.39453	56148.69965	56148.54297	505421.2	5408136.0
L5420.0	505421.2	5408137.2	15279.50000	313.75	107.53	48.826191	-86.926138	56154.80	56241.3	8.72	56163.52	56172.17578	56147.22963	56147.04688	505421.2	5408137.2
L5420.0	505421.2	5408139.0	15279.59961	311.54	108.76	48.826208	-86.926138	56154.70	56241.3	8.73	56163.42	56172.05469	56147.79572	56147.58594	505421.2	5408139.0
L5420.0	505421.2	5408139.7	15279.70020	310.76	108.76	48.826214	-86.926138	56154.46	56241.3	8.73	56163.20	56171.81250	56145.83841	56145.60547	505421.2	5408139.7
L5420.0	505421.2	5408140.9	15279.79981	314.38	107.71	48.826224	-86.926138	56154.44	56241.3	8.73	56163.17	56171.76563	56147.78016	56147.51953	505421.2	5408140.9
L5420.0	505421.2	5408142.3	15279.90039	313.34	108.56	48.826237	-86.926138	56154.26	56241.3	8.74	56163.00	56171.57422	56146.79053	56146.50781	505421.2	5408142.3
L5420.0	505421.2	5408142.3	15280.00000	311.68	108.66	48.826237	-86.926138	56154.11	56241.3	8.74	56162.85	56171.41016	56146.18404	56145.87891	505421.2	5408142.3
L5420.0	505421.2	5408143.7	15280.09961	312.53	108.03	48.826250	-86.926138	56153.88	56241.3	8.74	56162.63	56171.17188	56144.11399	56143.78906	505421.2	5408143.7
L5420.0	505421.2	5408145.8	15280.20020	313.18	107.82	48.826268	-86.926138	56153.88	56241.3	8.75	56162.63	56171.16016	56146.52425	56146.17578	505421.2	5408145.8
L5420.0	505421.2	5408146.9	15280.29981	310.57	107.82	48.826278	-86.926138	56153.63	56241.2	8.75	56162.38	56170.89453	56143.79812	56143.42969	505421.2	5408146.9
L5420.0	505421.2	5408146.9	15280.40039	311.53	106.14	48.826278	-86.926138	56153.59	56241.2	8.76	56162.34	56170.84375	56145.32160	56144.93359	505421.2	5408146.9
L5420.0	505421.2	5408148.3	15280.50000	312.05	108.09	48.826291	-86.926138	56153.42	56241.2	8.76	56162.18	56170.67188	56144.38208	56143.97266	505421.2	5408148.3
L5420.0	505421.2	5408149.7	15280.59961	311.44	108.09	48.826303	-86.926138	56153.42	56241.2	8.76	56162.19	56170.67188	56146.83775	56146.41016	505421.2	5408149.7
L5420.0	505421.2	5408151.1	15280.70020	310.80	105.41	48.826316	-86.926138	56153.31	56241.2	8.77	56162.08	56170.55078	56146.84414	56146.39844	505421.2	5408151.1
L5420.0	505421.2	5408152.1	15280.79981	313.31	105.25	48.826325	-86.926138	56153.20	56241.2	8.77	56161.97	56170.43359	56146.82245	56146.35938	505421.2	5408152.1
L5420.0	505421.2	5408153.2	15280.90039	312.75	105.25	48.826335	-86.926138	56152.98	56241.2	8.78	56161.75	56170.20703	56144.59118	56144.10938	505421.2	5408153.2
L5420.0	505421.2	5408153.2	15281.00000	312.69	104.35	48.826335	-86.926138	56153.02	56241.2	8.78	56161.80	56170.25000	56147.68797	56147.18750	505421.2	5408153.2
L5420.0	505421.2	5408154.9	15281.00000	312.69	103.84	48.826350	-86.926137	56153.03	56241.2	8.78	56161.81	56170.25391	56149.95168	56149.43750	505421.2	5408154.9
L5420.0	505421.3	5408156.1	15281.20020	311.31	103.62	48.826361	-86.926137	56152.87	56241.2	8.78	56161.65	56170.08984	56148.84174	56148.30859	505421.3	5408156.1
L5420.0	505421.3	5408158.2	15281.29981	311.55	103.62	48.826380	-86.926137	56152.70	56241.2	8.78	56161.48	56169.91406	56147.52460	56146.97656	505421.3	5408158.2
L5420.0	505421.3	5408158.2	15281.40039	311.51	93.19	48.826380	-86.926137	56152.56	56241.2	8.78	56161.35	56169.78125	56146.97981	56146.41797	505421.3	5408158.2
L5420.0	505421.3	5408159.6	15281.50000	311.66	93.19	48.826392	-86.926137	56152.47	56241.2	8.78	56161.25	56169.67969	56147.00818	56146.43359	505421.3	5408159.6
L5420.0	505421.3	5408161.0	15281.59961	311.71	93.46	48.826405	-86.926137	56152.39	56241.2	8.79	56161.18	56169.60938	56147.60624	56147.01563	505421.3	5408161.0
L5420.0	505421.3	5408162.3	15281.70020	312.83	103	48.826417	-86.926137	56152.34	56241.2	8.79	56161.12	56169.55078	56148.38373	56147.78125	505421.3	5408162.3
L5420.0	505421.3	5408162.3	15281.79981	313.19	103.1	48.826417	-86.926137	56152.39	56241.2	8.79	56161.18	56169.60938	56151.45975	56150.84375	505421.3	5408162.3
L5420.0	505421.3	5408164.7	15281.90039	311.72	103.1	48.826438	-86.926136	56152.20	56241.2	8.79	56160.98	56169.41016	56149.51497	56148.88672	505421.3	5408164.7
L5420.0	505421.3	5408164.7	15282.00000	312.96	102.71	48.826438	-86.926136	56151.91	56241.2	8.79	56160.70	56169.13281	56146.04722	56145.40625	505421.3	5408164.7
L5420.0	505421.3	5408166.0	15282.09961	311.21	103.36	48.826450	-86.926136	56151.85	56241.2	8.79	56160.64	56169.07422	56146.79538	56146.14063	505421.3	5408166.0
L5420.0	505421.3	5408167.3	15282.20020	311.78	103.33	48.826462	-86.926136	56151.73	56241.2	8.80	56160.53	56168.96875	56146.58716	56145.92188	505421.3	5408167.3
L5420.0	505421.3	5408168.7	15282.29981	311.01	103.33	48.826474	-86.926136	56151.66	56241.2	8.80	56160.46	56168.90234	56147.13624	56146.46094	505421.3	5408168.7
L5420.0	505421.3	5408170.1	15282.40039	309.95	104.09	48.826487	-86.926136	56151.58	56241.2	8.80	56160.38	56168.82813	56147.49116	56146.80469	505421.3	5408170.1
L5420.0	505421.3	5408171.2	15282.50000	310.51	100.09	48.826497	-86.926136	56151.40	56241.2	8.81	56160.21	56168.66406	56146.15447	56145.45703	505421.3	5408171.2
L5420.0	505421.3	5408172.4	15282.59961	310.02	100.09	48.826508	-86.926137	56151.25	56241.2	8.81	56160.06	56168.51953	56145.19948	56144.49219	505421.3	5408172.4
L5420.0	505421.3	5408172.4	15282.70020	310.84	100.35	48.826508	-86.926137	56151.25	56241.2	8.81	56160.07	56168.53516	56147.22106	56146.50391	505421.3	5408172.4
L5420.0	505421.3	5408173.8	15282.79981	311.06	100.75	48.826521	-86.926137	56151.14	56241.2	8.81	56159.96	56168.43359	56147.00057	56146.27734	505421.3	5408173.8
L5420.0	505421.3	5408175.2	15282.90039	311.33	100.75	48.826533	-86.926137	56151.10	56241.2	8.82	56159.92	56168.39844	56148.06799	56147.33594	505421.3	5408175.2
L5420.0	505421.3	5408176.6	15283.00000	309.09	99.93	48.826545	-86.926137	56151.15	56241.2	8.82	56159.97	56168.45703	56150.78122	56150.03906	505421.3	5408176.6
L5420.0	505421.2	5408177.4	15283.00000	309.09	99.93	48.826553	-86.926137	56150.85	56241.2	8.82	56159.67	56168.16797	56147.04337	56146.29297	505421.2	5408177.4
L5420.0	505421.2	5408179.1	15283.20020	311.41	100.56	48.826568	-86.926137	56150.85	56241.2	8.83	56159.67	56168.17578	56148.81965	56148.06250	505421.2	5408179.1
L5420.0	505421.2	5408180.4	15283.29981	311.18	97.3	48.826580	-86.926138	56150.72	56241.2	8.83	56159.55	56168.06641	56148.38302	56147.61719	505421.2	5408180.4
L5420.0	505421.2	5408181.3	15283.40039	310.84	97.3	48.826588	-86.926138	56150.63	56241.2	8.83	56159.46	56167.98438	56148.49153	56147.71875	505421.2	5408181.3
L5420.0	505421.2	5408182.5	15283.50000	309.93	99.33	48.826599	-86.926138	56150.49	56241.2	8.83	56159.32	56167.85547	56147.66933	56146.89063	505421.2	5408182.5
L5420.0	505421.2	5408182.5	15283.59961	311.23	99.82	48.826599	-86.926138	56150.41	56241.2	8.84	56159.25	56167.79688	56148.13331	56147.35156	505421.2	5408182.5
L5420.0	505421.2	5408183.9	15283.70020	310.14	99.48	48.826611	-86.926138	56150.22	56241.2	8.84	56159.06	56167.61719	56146.35475	56145.56641	505421.2	5408183.9
L5420.0	505421.2	5408185.5	15283.79981	309.73	99.48	48.826625	-86.926138	56150.16	56241.2	8.84	56159.00	56167.56641	56146.99348	56146.19922	505421.2	5408185.5
L5420.0	505421.1	5408187.1	15283.90039	310.38	100.76	48.826640	-86.926138	56149.96	56241.2	8.85	56158.81	56167.38672	56145.17066	56144.37109	505421.1	5408187.1
L5420.0	505421.1	5408188.5	15284.00000	311.49	100.76	48.826652	-86.926139	56150.01	56241.2	8.85	56158.86	56167.44922	56147.91774	56147.11328	505421.1	5408188.5
L5420.0	505421.1	5408189.4	15284.09961	309.86	95.43	48.826661	-86.926139	56149.71	56241.1	8.85	56158.57	56167.17188	56144.13268	56143.32422	505421.1	5408189.4
L5420.0	505421.1	5408189.4	15284.20020	309.31	95.7	48.826661	-86.926139	56149.64	56241.1	8.85	56158.50	56167.11328	56144.58713	56143.77344	505421.1	5408189.4
L5420.0	505421.1	5408191.3	15284.29981	310.52	95.7	48.826677	-86.926139	56149.63	56241.1	8.86	56158.49	56167.11719	56146.25939	56145.44141	505421.1	5408191.3
L5420.0	505421.1	5408192.6	15284.40039	311.02	96.51	48.826690	-86.926139	56149.74	56241.1	8.86	56158.60	56167.23828	56150.41100	56149.58984	505421.1	5408192.6
L5420.0	505421.1	5408194.2	15284.50000	311.86	96.51	48.826704	-86.926140	56149.43	56241.1	8.86	56158.29	56166.94141	56146.12669	56145.30078	505421.1	5408194.2
L5420.0	505421.1	5408194.2	15284.59961	313.17	97.9	48.826704	-86.926140	56149.47	56241.1	8.86	56158.33	56166.99219	56148.99148	56148.16016	505421.1	5408194.2
L5420.0	505421.0	5408195.4	15284.70020	312.14	97.9	48.826715	-86.926140	56149.21	56241.1	8.86	56158.07	56166.74219	56145.68947	56144.85547	505421.0	5408195.4
L5420.0	505421.0	5408197.0	15284.79981	312.60	93.86	48.826729	-86.926140	56149.11	56241.1	8.87	56157.97	56166.65625	56145.72998	56144.89453	505421.0	5408197.0
L5420.0	505421.0	5408198.1	15284.90039	314.52	94.61	48.826739	-86.926140	56149.06	56241.1	8.87	56157.92	56166.61719	56146.88011	56146.04297	505421.0	5408198.1
L5420.0	505421.0	5408198.1	15285.00000	314.75	97.11	48.826739	-86.926140	56148.95	56241.1	8.87	56157.82	56166.53125	56147.01972	56146.17969	505421.0	5408198.1
L5420.0	505421.0	5408200.8	15285.00000	314.75	97.11	48.826763	-86.926141	56148.75	56241.1	8.87	56157.62	56166.34375	56145.04090	56144.19922	505421.0	5408200.8
L5420.0	505421.0	5408200.8	15285.20020	314.56	97.43	48.826763	-86.926141	56148.72	56241.1	8.87	56157.59	56166.32422	56146.79301	56145.94922	505421.0	5408200.8
L5420.0	505421.0	5408202.0	15285.29981	315.79	95.35	48.826774	-86.926141	56148.47	56241.1	8.87	56157.34	56166.08594	56143.79973	56142.95313	505421.0	5408202.0
L5420.0	505421.0	5408203.3	15285.40039	315.16	95.35	48.826786	-86.926141	56148.42	56241.1	8.87	56157.29	56166.04688	56145.22704	56144.38281	505421.0	5408203.3
L5420.0	505421.0	5408204.7	15285.50000	315.96	96.97	48.826798	-86.926141	56148.27	56241.1	8.87	56157.14	56165.91016	56144.51766	56143.67188	505421.0	5408204.7
L5420.0	505420.9	5408206.1	15285.59961	315.28	93.76	48.826811	-86.926141	56148.24	56241.1	8.87	56157.11	56165.89063	56146.49014	56145.64453	505420.9	5408206.1
L5420.0	505420.9	5408207.2	15285.70020	315.51	93.76	48.826821	-86.926141	56148.06	56241.1	8.87	56156.93	56165.71875	56145.22635	56144.37891	505420.9	5408207.2
L5420.0	505420.9	5408207.2	15285.79981	314.17	96.42	48.826821	-86.926141	56147.94	56241.1	8.87	56156.81	56165.60938	56145.32632	56144.47656	505420.9	5408207.2
L5420.0	505420.9	5408209.5	15285.90039	314.01	97.98	48.826842	-86.926141	56147.74	56241.1	8.87	56156.61	56165.42188	56143.73906	56142.89063	505420.9	5408209.5
L5420.0	505420.9	5408209.5	15286.00000	313.27	98.54	48.826842	-86.926141	56147.58	56241.1	8.87	56156.45	56165.27344	56143.07897	56142.23047	505420.9	5408209.5
L5420.0	505420.9	5408210.9	15286.09961	309.42	98.54	48.826854	-86.926141	56147.36	56241.1	8.87	56156.24	56165.07031	56141.40277	56140.55469	505420.9	5408210.9
L5420.0	505420.9	5408212.3	15286.20020	308.68	98.35	48.826867	-86.926142	56147.38	56241.1	8.88	56156.26	56165.10156	56144.69089	56143.84375	505420.9	5408212.3
L5420.0	505420.9	5408213.3	15286.29981	310.61	99.53	48.826876	-86.926142	56147.32	56241.1	8.88	56156.20	56165.05078	56146.28556	56145.44141	505420.9	5408213.3
L5420.0	505420.9	5408214.5	15286.40039	311.36	99.53	48.826886	-86.926142	56147.18	56241.1	8.89	56156.06	56164.91797	56146.22088	56145.37891	505420.9	5408214.5
L5420.0	505420.9	5408216.1	15286.50000	311.71	95.87	48.826901	-86.926142	56147.13	56241.1	8.89	56156.01	56164.87500	56148.06597	56147.22656	505420.9	5408216.1
L5420.0	505420.9	5408216.1	15286.59961	312.00	86.78	48.826901	-86.926142	56146.93	56241.1	8.89	56155.83	56164.70313	56147.23887	56146.39844	505420.9	5408216.1
L5420.0	505420.8	5408217.6	15286.70020	311.89	96.36	48.826915	-86.926142	56146.83	56241.1	8.90	56155.73	56164.61328	56148.09615	56147.25781	505420.8	5408217.6
L5420.0	505420.8	5408219.1	15286.79981	311.83	97.74	48.826928	-86.926142	56146.46	56241.1	8.90	56155.36	56164.25000	56143.49730	56142.66406	505420.8	5408219.1
L5420.0	505420.8	5408220.5	15286.90039	312.61	97.74	48.826940	-86.926143	56146.25	56241.1	8.91	56155.15	56164.04297	56142.22105	56141.39063	505420.8	5408220.5
L5420.0	505420.8	5408221.6	15287.00000	313.47	98.21	48.826950	-86.926143	56146.04	56241.1	8.91	56154.95	56163.85156	56141.19375	56140.36719	505420.8	5408221.6
L5420.0	505420.8	5408221.6	15287.00000	313.47	99.38	48.826950	-86.926143	56146.07	56241.1	8.91	56154.98	56163.88672	56144.77970	56143.95703	505420.8	5408221.6
L5420.0	505420.8	5408223.0	15287.20020	311.91	99.38	48.826963	-86.926143	56145.79	56241.1	8.91	56154.70	56163.60938	56142.23161	56141.41016	505420.8	5408223.0
L5420.0	505420.8	5408224.1	15287.29981	313.19	91.35	48.826973	-86.926143	56145.66	56241.1	8.92	56154.58	56163.49609	56142.88546	56142.07031	505420.8	5408224.1
L5420.0	505420.8	5408225.5	15287.40039	312.28	91.35	48.826986	-86.926143	56145.59	56241.1	8.92	56154.50	56163.41797	56144.34449	56143.53125	505420.8	5408225.5
L5420.0	505420.8	5408226.9	15287.50000	311.03	95.15	48.826998	-86.926143	56145.56	56241.1	8.92	56154.48	56163.40234	56146.98262	56146.17578	505420.8	5408226.9
L5420.0	505420.8	5408228.0	15287.59961	310.48	95.15	48.827008	-86.926143	56145.26	56241.1	8.92	56154.18	56163.10547	56144.23084	56143.42578	505420.8	5408228.0
L5420.0	505420.8	5408229.2	15287.70020	312.39	93.92	48.827019	-86.926143	56145.24	56241.1	8.92	56154.16	56163.08594	56146.90456	56146.10547	505420.8	5408229.2
L5420.0	505420.8	5408231.0	15287.79981	311.19	91.7	48.827035	-86.926143	56145.06	56241.1	8.93	56153.98	56162.90625	56146.53959	56145.74609	505420.8	5408231.0
L5420.0	505420.8	5408231.9	15287.90039	312.55	91.7	48.827043	-86.926143	56144.93	56241.1	8.93	56153.85	56162.77734	56147.15299	56146.36719	505420.8	5408231.9
L5420.0	505420.8	5408231.9	15288.00000	314.01	90.95	48.827043	-86.926143	56144.61	56241.1	8.93	56153.54	56162.46875	56144.43227	56143.65234	505420.8	5408231.9
L5420.0	505420.8	5408233.3	15288.09961	311.98	89.21	48.827056	-86.926143	56144.68	56241.1	8.93	56153.61	56162.53516	56148.79986	56148.02344	505420.8	5408233.3

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5420.0	505420.8	5408234.5	15288.20020	310.50	87.19	48.827066	-86.926143	56144.42	56241.1	8.93	56153.35	56162.27734	56147.07729	56146.30859	505420.8	5408234.5
L5420.0	505420.8	5408235.4	15288.29981	312.78	87.19	48.827074	-86.926143	56144.38	56241.1	8.94	56153.32	56162.24219	56149.57599	56148.81250	505420.8	5408235.4
L5420.0	505420.8	5408236.4	15288.40039	311.61	89.41	48.827083	-86.926143	56143.84	56241.1	8.94	56152.78	56161.69922	56142.87735	56142.12109	505420.8	5408236.4
L5420.0	505420.8	5408237.9	15288.50000	309.80	88.92	48.827097	-86.926143	56143.71	56241.1	8.94	56152.65	56161.56641	56143.61240	56142.86328	505420.8	5408237.9
L5420.0	505420.8	5408239.5	15288.59961	309.89	90.44	48.827112	-86.926143	56143.44	56241.1	8.94	56152.38	56161.29297	56141.85489	56141.11328	505420.8	5408239.5
L5420.0	505420.8	5408240.9	15288.70020	309.94	90.44	48.827124	-86.926143	56143.39	56241.1	8.94	56152.33	56161.23828	56144.02184	56143.28906	505420.8	5408240.9
L5420.0	505420.8	5408242.0	15288.79981	310.34	91.51	48.827134	-86.926143	56142.98	56241.1	8.95	56151.93	56160.83594	56139.98522	56139.26172	505420.8	5408242.0
L5420.0	505420.8	5408242.0	15288.90039	309.42	84.97	48.827134	-86.926143	56143.18	56241.1	8.95	56152.13	56161.02734	56146.59769	56145.88281	505420.8	5408242.0
L5420.0	505420.7	5408243.7	15289.00000	308.20	84.97	48.827149	-86.926143	56142.91	56241.1	8.95	56151.86	56160.75391	56144.89323	56144.18750	505420.7	5408243.7
L5420.0	505420.7	5408245.3	15289.00000	308.20	89.22	48.827163	-86.926143	56142.73	56241.1	8.95	56151.68	56160.56641	56144.80557	56144.10938	505420.7	5408245.3
L5420.0	505420.7	5408245.3	15289.20020	307.80	91.93	48.827163	-86.926143	56142.40	56241.1	8.95	56151.35	56160.22656	56142.05779	56141.37109	505420.7	5408245.3
L5420.0	505420.8	5408246.7	15289.29981	308.96	91.05	48.827176	-86.926143	56142.22	56241.1	8.95	56151.17	56160.03906	56142.01365	56141.33594	505420.8	5408246.7
L5420.0	505420.8	5408248.3	15289.40039	310.49	90.91	48.827191	-86.926143	56141.90	56241.1	8.95	56150.84	56159.69922	56139.29227	56138.62500	505420.8	5408248.3
L5420.0	505420.8	5408249.7	15289.50000	309.20	90.91	48.827203	-86.926143	56141.84	56241.1	8.94	56150.78	56159.62891	56141.48283	56140.82422	505420.8	5408249.7
L5420.0	505420.8	5408251.0	15289.59961	308.07	91.86	48.827214	-86.926143	56141.54	56241.1	8.94	56150.49	56159.32813	56139.53585	56138.89063	505420.8	5408251.0
L5420.0	505420.8	5408252.3	15289.70020	310.86	92.66	48.827227	-86.926142	56141.43	56241.1	8.94	56150.38	56159.20703	56140.91053	56140.27344	505420.8	5408252.3
L5420.0	505420.8	5408252.3	15289.79981	312.16	92.66	48.827227	-86.926142	56141.29	56241.1	8.94	56150.23	56159.04688	56141.60583	56140.98047	505420.8	5408252.3
L5420.0	505420.8	5408253.3	15289.90039	313.84	93.11	48.827235	-86.926142	56141.28	56241.1	8.94	56150.22	56159.02344	56144.95469	56144.34375	505420.8	5408253.3
L5420.0	505420.8	5408254.9	15290.00000	313.15	92.89	48.827250	-86.926142	56140.91	56241.1	8.94	56149.85	56158.64063	56141.67271	56141.07422	505420.8	5408254.9
L5420.0	505420.8	5408256.3	15290.09961	315.03	92.89	48.827263	-86.926142	56140.76	56241.1	8.94	56149.70	56158.48047	56142.53822	56141.94922	505420.8	5408256.3
L5420.0	505420.9	5408257.7	15290.20020	312.97	92.36	48.827275	-86.926141	56140.40	56241.1	8.95	56149.35	56158.11328	56139.69218	56139.11719	505420.9	5408257.7
L5420.0	505420.9	5408257.7	15290.29981	311.74	91.21	48.827275	-86.926141	56140.32	56241.1	8.95	56149.27	56158.01953	56142.00918	56141.44531	505420.9	5408257.7
L5420.0	505420.9	5408259.0	15290.40039	312.78	91.19	48.827287	-86.926141	56139.97	56241	8.95	56148.92	56157.65625	56139.25441	56138.70703	505420.9	5408259.0
L5420.0	505420.9	5408260.4	15290.50000	311.90	90.47	48.827299	-86.926141	56140.05	56241	8.96	56149.00	56157.71875	56144.81549	56144.28125	505420.9	5408260.4
L5420.0	505420.9	5408261.5	15290.59961	310.63	90.47	48.827310	-86.926141	56139.60	56241	8.96	56148.56	56157.26563	56140.44866	56139.92578	505420.9	5408261.5
L5420.0	505420.9	5408262.9	15290.70020	309.44	86.32	48.827322	-86.926141	56139.70	56241	8.96	56148.66	56157.34766	56146.62050	56146.11328	505420.9	5408262.9
L5420.0	505420.9	5408264.3	15290.79981	309.09	85.05	48.827334	-86.926140	56139.34	56241	8.96	56148.30	56156.96875	56143.94212	56143.44922	505420.9	5408264.3
L5420.0	505420.9	5408264.3	15290.90039	309.24	85.09	48.827334	-86.926140	56139.23	56241	8.97	56148.20	56156.85156	56146.42627	56145.94922	505420.9	5408264.3
L5420.0	505421.0	5408266.6	15291.00000	309.92	85.09	48.827356	-86.926140	56138.76	56241	8.97	56147.73	56156.36328	56141.72524	56141.26172	505421.0	5408266.6
L5420.0	505421.0	5408266.6	15291.00000	309.92	85.98	48.827356	-86.926140	56138.73	56241	8.97	56147.70	56156.31641	56145.77770	56145.33203	505421.0	5408266.6
L5420.0	505421.0	5408267.9	15291.20020	312.48	86.85	48.827367	-86.926140	56138.25	56241	8.97	56147.22	56155.81641	56141.01001	56140.57813	505421.0	5408267.9
L5420.0	505421.0	5408269.3	15291.29981	311.78	86.5	48.827379	-86.926140	56138.12	56241	8.97	56147.09	56155.66797	56143.27953	56142.86328	505421.0	5408269.3
L5420.0	505421.0	5408270.6	15291.40039	312.19	86.5	48.827392	-86.926140	56137.70	56241	8.97	56146.67	56155.22656	56139.83641	56139.43750	505421.0	5408270.6
L5420.0	505421.0	5408271.5	15291.50000	313.08	85.48	48.827400	-86.926140	56137.32	56241	8.97	56146.29	56154.82813	56137.24960	56136.86719	505421.0	5408271.5
L5420.0	505420.9	5408272.9	15291.59961	310.81	85.48	48.827412	-86.926140	56137.02	56241	8.97	56145.99	56154.50781	56136.35006	56135.98438	505420.9	5408272.9
L5420.0	505420.9	5408274.3	15291.70020	311.90	87.14	48.827424	-86.926140	56136.76	56241	8.97	56145.73	56154.22656	56136.35950	56136.01172	505420.9	5408274.3
L5420.0	505420.9	5408275.2	15291.79981	314.06	82.62	48.827433	-86.926140	56136.39	56241	8.97	56145.36	56153.83594	56134.18453	56133.85547	505420.9	5408275.2
L5420.0	505420.9	5408276.2	15291.90039	313.68	82.62	48.827441	-86.926140	56136.15	56241	8.97	56145.12	56153.57422	56134.80981	56134.50000	505420.9	5408276.2
L5420.0	505420.9	5408277.5	15292.00000	312.89	84.18	48.827453	-86.926140	56135.87	56241	8.97	56144.84	56153.27344	56134.71643	56134.42188	505420.9	5408277.5
L5420.0	505420.9	5408278.8	15292.09961	312.86	84.78	48.827465	-86.926140	56135.70	56241	8.97	56144.67	56153.08203	56137.10183	56136.82813	505420.9	5408278.8
L5420.0	505420.9	5408278.8	15292.20020	314.78	84.78	48.827465	-86.926140	56135.40	56241	8.97	56144.37	56152.75781	56136.84924	56136.59375	505420.9	5408278.8
L5420.0	505420.9	5408280.6	15292.29981	313.72	83.56	48.827481	-86.926140	56135.11	56241	8.98	56144.08	56152.44531	56136.94138	56136.70313	505420.9	5408280.6
L5420.0	505420.9	5408281.8	15292.40039	313.36	82.9	48.827492	-86.926140	56134.91	56241	8.98	56143.89	56152.23438	56139.34827	56139.12891	505420.9	5408281.8
L5420.0	505420.9	5408281.8	15292.50000	315.02	82.98	48.827492	-86.926140	56134.66	56241	8.98	56143.64	56151.96094	56140.58696	56140.39063	505420.9	5408281.8
L5420.0	505421.0	5408283.3	15292.59961	314.53	82.98	48.827505	-86.926140	56134.46	56241	8.98	56143.44	56151.73828	56143.04893	56142.87109	505421.0	5408283.3
L5420.0	505421.0	5408284.8	15292.70020	315.52	82.44	48.827519	-86.926139	56134.11	56241	8.98	56143.09	56151.36719	56142.34646	56142.18750	505421.0	5408284.8
L5420.0	505421.0	5408285.8	15292.79981	314.83	81.53	48.827528	-86.926139	56133.52	56241	8.99	56142.51	56150.76563	56136.73782	56136.60156	505421.0	5408285.8
L5420.0	505421.0	5408287.3	15292.90039	314.99	83.39	48.827541	-86.926139	56132.94	56241	8.99	56141.93	56150.16016	56131.28389	56131.16797	505421.0	5408287.3
L5420.0	505421.1	5408288.5	15293.00000	313.96	83.39	48.827552	-86.926138	56132.54	56241	8.99	56141.53	56149.73828	56129.90437	56129.80859	505421.1	5408288.5
L5420.0	505421.1	5408288.5	15293.00000	313.96	79.73	48.827552	-86.926138	56132.22	56241	8.99	56141.21	56149.39844	56130.39006	56130.31641	505421.1	5408288.5
L5420.0	505421.1	5408289.8	15293.20020	314.08	81.3	48.827564	-86.926138	56132.08	56241	8.99	56141.07	56149.23438	56134.84209	56134.78906	505421.1	5408289.8
L5420.0	505421.1	5408291.1	15293.29981	314.94	79.55	48.827576	-86.926138	56131.70	56241	8.99	56140.69	56148.83203	56134.25068	56134.21875	505421.1	5408291.1
L5420.0	505421.1	5408292.1	15293.40039	312.53	79.55	48.827585	-86.926138	56131.47	56241	8.99	56140.47	56148.58984	56137.14798	56137.13672	505421.1	5408292.1
L5420.0	505421.1	5408293.0	15293.50000	312.96	77.63	48.827593	-86.926137	56130.96	56241	9.00	56139.96	56148.05859	56134.05700	56134.07031	505421.1	5408293.0
L5420.0	505421.1	5408294.6	15293.59961	312.14	81.19	48.827607	-86.926137	56130.57	56241	9.00	56139.56	56147.63672	56133.40186	56133.43359	505421.1	5408294.6
L5420.0	505421.2	5408295.9	15293.70020	311.59	81.19	48.827619	-86.926137	56130.00	56241	9.00	56139.00	56147.05469	56129.58963	56129.64453	505421.2	5408295.9
L5420.0	505421.2	5408297.3	15293.79981	311.41	81.29	48.827631	-86.926137	56129.76	56241	9.00	56138.76	56146.79297	56132.44034	56132.51953	505421.2	5408297.3
L5420.0	505421.2	5408297.3	15293.90039	310.98	77.89	48.827631	-86.926137	56129.26	56241	9.00	56138.26	56146.26953	56130.11584	56130.21875	505421.2	5408297.3
L5420.0	505421.2	5408298.6	15294.00000	311.73	77.89	48.827644	-86.926136	56129.05	56241	9.00	56138.05	56146.03906	56133.71127	56133.83594	505421.2	5408298.6
L5420.0	505421.2	5408300.0	15294.09961	310.14	78.57	48.827656	-86.926136	56128.54	56241	9.00	56137.54	56145.50781	56131.41592	56131.56250	505421.2	5408300.0
L5420.0	505421.2	5408301.6	15294.20020	311.62	73.12	48.827670	-86.926136	56128.39	56241	9.00	56137.39	56145.33594	56136.32388	56136.49219	505421.2	5408301.6
L5420.0	505421.2	5408302.5	15294.29981	312.08	72.15	48.827678	-86.926136	56127.86	56241	9.00	56136.87	56144.79688	56134.04758	56134.24219	505421.2	5408302.5
L5420.0	505421.2	5408303.9	15294.40039	310.99	75.3	48.827691	-86.926136	56127.60	56241	9.00	56136.60	56144.50781	56136.75540	56136.97266	505421.2	5408303.9
L5420.0	505421.2	5408305.0	15294.50000	310.29	75.3	48.827701	-86.926136	56127.07	56241	9.01	56136.07	56143.95703	56134.51376	56134.75391	505421.2	5408305.0
L5420.0	505421.2	5408305.0	15294.59961	310.73	75.99	48.827701	-86.926136	56126.64	56241	9.01	56135.65	56143.51953	56134.51574	56134.77734	505421.2	5408305.0
L5420.0	505421.2	5408307.7	15294.70020	312.98	72.82	48.827725	-86.926136	56125.86	56241	9.01	56134.87	56142.72266	56127.69083	56127.97656	505421.2	5408307.7
L5420.0	505421.2	5408307.7	15294.79981	311.40	72.82	48.827725	-86.926136	56125.50	56241	9.01	56134.51	56142.34375	56129.07086	56129.38281	505421.2	5408307.7
L5420.0	505421.2	5408309.1	15294.90039	311.94	76.65	48.827738	-86.926136	56124.83	56241	9.01	56133.84	56141.65625	56124.59162	56124.92578	505421.2	5408309.1
L5420.0	505421.2	5408310.4	15295.00000	313.16	76.01	48.827749	-86.926136	56124.52	56241	9.01	56133.53	56141.32813	56127.15124	56127.50781	505421.2	5408310.4
L5420.0	505421.2	5408311.7	15295.00000	313.16	77.82	48.827761	-86.926136	56123.73	56241	9.01	56132.74	56140.52344	56120.57936	56120.96094	505421.2	5408311.7
L5420.0	505421.2	5408311.7	15295.20020	311.69	77.82	48.827761	-86.926136	56123.57	56241	9.01	56132.58	56140.34766	56126.26164	56126.66797	505421.2	5408311.7
L5420.0	505421.2	5408313.1	15295.29981	311.90	73.24	48.827774	-86.926136	56122.97	56241	9.01	56131.98	56139.73438	56123.58165	56124.01172	505421.2	5408313.1
L5420.0	505421.2	5408314.5	15295.40039	312.17	72.32	48.827786	-86.926136	56122.72	56241	9.01	56131.73	56139.46875	56127.77485	56128.22656	505421.2	5408314.5
L5420.0	505421.2	5408315.4	15295.50000	310.86	77.4	48.827794	-86.926136	56122.14	56241	9.01	56131.15	56138.87500	56125.72273	56126.19922	505421.2	5408315.4
L5420.0	505421.2	5408316.5	15295.59961	312.61	77.4	48.827804	-86.926136	56121.84	56241	9.01	56130.85	56138.56250	56129.19428	56129.69141	505421.2	5408316.5
L5420.0	505421.2	5408317.7	15295.70020	312.54	78.85	48.827815	-86.926136	56121.23	56241	9.01	56130.24	56137.93750	56126.80834	56127.33203	505421.2	5408317.7
L5420.0	505421.2	5408319.0	15295.79981	311.71	77.44	48.827827	-86.926136	56120.84	56241	9.01	56129.85	56137.53906	56128.78592	56129.33203	505421.2	5408319.0
L5420.0	505421.2	5408320.0	15295.90039	311.55	77.44	48.827836	-86.926136	56120.20	56241	9.01	56129.21	56136.88672	56126.07073	56126.64063	505421.2	5408320.0
L5420.0	505421.2	5408321.6	15296.00000	313.05	71.89	48.827850	-86.926136	56119.74	56241	9.01	56128.75	56136.41797	56126.94711	56127.53906	505421.2	5408321.6
L5420.0	505421.2	5408321.6	15296.09961	312.44	74.32	48.827850	-86.926136	56118.97	56241	9.01	56127.99	56135.64844	56122.17363	56122.78906	505421.2	5408321.6
L5420.0	505421.2	5408323.2	15296.20020	310.89	74.32	48.827865	-86.926136	56118.46	56241	9.02	56127.49	56135.13672	56122.53226	56123.16797	505421.2	5408323.2
L5420.0	505421.2	5408324.3	15296.29981	309.80	77.72	48.827875	-86.926136	56117.74	56241	9.03	56126.76	56134.40234	56118.58823	56119.24609	505421.2	5408324.3
L5420.0	505421.2	5408325.8	15296.40039	311.96	77.72	48.827888	-86.926136	56117.31	56241	9.03	56126.34	56133.97266	56120.74499	56121.42578	505421.2	5408325.8
L5420.0	505421.2	5408326.9	15296.50000	311.16	74.92	48.827898	-86.926136	56116.65	56241	9.04	56125.68	56133.30859	56118.40560	56119.10938	505421.2	5408326.9
L5420.0	505421.2	5408328.5	15296.59961	311.57	76.35	48.827912	-86.926136	56116.13	56241	9.04	56125.17	56132.79297	56119.09343	56119.82031	505421.2	5408328.5
L5420.0	505421.2	5408328.5	15296.70020	312.08	74.39	48.827912	-86.926136	56115.51	56241	9.04	56124.55	56132.16797	56117.79119	56118.53906	505421.2	5408328.5
L5420.0	505421.2	5408329.9	15296.79981	310.94	73.61	48.827924	-86.926136	56115.04	56241	9.05	56124.08	56131.69531	56119.52935	56120.29688	505421.2	5408329.9
L5420.0	505421.2	5408331.3	15296.90039	310.55	73.61	48.827937	-86.926136	56114.45	56240.9	9.06	56123.50	56131.11328	56119.27924	56120.07031	505421.2	5408331.3
L5420.0	505421.2	5408332.2	15297.00000	310.97	78.45	48.827945	-86.926136	56113.82	56240.9	9.06	56122.88	56130.48828	56118.39467	56119.20703	505421.2	5408332.2
L5420.0	505421.2	5408333.4	15297.00000	310.97	77.57	48.827956	-86.926136	56113.32	56240.9	9.06	56122.38	56129.98828	56119.98500	56120.81641	505421.2	5408333.4
L5420.0	505421.2	5408334.6	15297.20020	312.36	77.33	48.827967	-86.926136	56112.52	56240.9	9.06	56121.58	56129.18750	56115.89035	56116.74219	505421.2	5408334.6
L5420.0	505421.2	5408335.8	15297.29981	312.40	77.33	48.827978	-86.926136	56112.07	56240.9	9.05	56121.13	56128.73828	56118.75089	56119.62500	505421.2	5408335.8
L5420.0	505421.2	5408337.2	15297.40039	311.93	78.79	48.827990	-86.926136	56111.41	56240.9	9.05	56120.47	56128.08203	56117.67667	56118.57031	505421.2	5408337.2

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5420.0	505421.2	5408338.1	15297.50000	314.68	79.85	48.827998	-86.926136	56110.88	56241	9.05	56119.93	56127.54297	56119.09357	56120.00391	505421.2	5408338.1
L5420.0	505421.1	5408339.8	15297.59961	312.84	79.85	48.828013	-86.926136	56110.13	56241	9.05	56119.18	56126.79688	56116.57357	56117.50391	505421.1	5408339.8
L5420.0	505421.1	5408339.8	15297.70020	312.72	80.51	48.828013	-86.926136	56109.51	56241	9.05	56118.56	56126.18359	56116.74755	56117.69531	505421.1	5408339.8
L5420.0	505421.1	5408341.4	15297.79981	313.71	80.51	48.828028	-86.926136	56108.68	56241	9.04	56117.73	56125.35938	56112.98066	56113.94922	505421.1	5408341.4
L5420.0	505421.1	5408342.8	15297.90039	312.66	78.74	48.828041	-86.926136	56107.95	56241	9.04	56117.00	56124.63672	56111.33048	56112.31641	505421.1	5408342.8
L5420.0	505421.1	5408344.4	15298.00000	311.56	76.73	48.828055	-86.926136	56107.26	56241	9.04	56116.30	56123.94141	56110.43799	56111.44141	505421.1	5408344.4
L5420.0	505421.1	5408344.4	15298.09961	312.32	77.97	48.828055	-86.926136	56106.76	56241	9.04	56115.80	56123.45313	56113.64982	56114.66797	505421.1	5408344.4
L5420.0	505421.1	5408346.7	15298.20020	312.41	77.97	48.828076	-86.926136	56105.85	56241	9.04	56114.89	56122.55078	56108.99776	56110.03516	505421.1	5408346.7
L5420.0	505421.1	5408346.7	15298.29981	309.96	80.54	48.828076	-86.926136	56105.32	56241	9.04	56114.36	56122.03125	56112.00053	56113.05469	505421.1	5408346.7
L5420.0	505421.1	5408348.0	15298.40039	308.98	81.35	48.828088	-86.926136	56104.33	56241	9.04	56113.37	56121.05078	56106.16928	56107.23828	505421.1	5408348.0
L5420.0	505421.1	5408349.9	15298.50000	309.09	81.35	48.828104	-86.926136	56103.73	56241	9.05	56112.77	56120.46484	56108.19878	56109.28125	505421.1	5408349.9
L5420.0	505421.1	5408351.3	15298.59961	308.65	81.81	48.828117	-86.926136	56102.76	56241	9.05	56111.81	56119.51953	56103.40395	56104.50000	505421.1	5408351.3
L5420.0	505421.1	5408351.3	15298.70020	308.49	75.89	48.828117	-86.926136	56102.25	56241	9.05	56111.30	56119.02344	56107.59041	56108.70313	505421.1	5408351.3
L5420.0	505421.1	5408352.9	15298.79981	310.89	77.42	48.828131	-86.926136	56101.40	56241	9.05	56110.45	56118.18750	56105.38629	56106.51172	505421.1	5408352.9
L5420.0	505421.2	5408354.3	15298.90039	313.16	77.13	48.828144	-86.926136	56100.71	56241	9.05	56109.76	56117.51172	56106.48926	56107.62891	505421.2	5408354.3
L5420.0	505421.2	5408355.7	15299.00000	312.12	77.13	48.828157	-86.926136	56099.84	56240.9	9.05	56108.89	56116.66016	56104.36664	56105.51953	505421.2	5408355.7
L5420.0	505421.2	5408356.8	15299.00000	312.12	77.62	48.828167	-86.926136	56099.30	56240.9	9.05	56108.35	56116.13672	56108.74677	56109.91016	505421.2	5408356.8
L5420.0	505421.2	5408357.8	15299.20020	314.14	78.26	48.828175	-86.926136	56098.21	56240.9	9.05	56107.27	56115.07422	56103.12731	56104.30078	505421.2	5408357.8
L5420.0	505421.2	5408359.2	15299.29981	313.04	78.26	48.828188	-86.926136	56097.57	56240.9	9.05	56106.62	56114.44531	56105.87264	56107.05859	505421.2	5408359.2
L5420.0	505421.2	5408359.2	15299.40039	312.86	76.24	48.828188	-86.926136	56096.59	56240.9	9.05	56105.64	56113.48438	56102.66443	56103.85938	505421.2	5408359.2
L5420.0	505421.2	5408360.6	15299.50000	312.97	78.01	48.828201	-86.926136	56095.81	56240.9	9.06	56104.87	56112.73438	56103.65180	56104.85938	505421.2	5408360.6
L5420.0	505421.2	5408362.4	15299.59961	310.94	76.36	48.828217	-86.926136	56094.77	56240.9	9.06	56103.83	56111.71875	56099.85597	56101.07031	505421.2	5408362.4
L5420.0	505421.2	5408363.5	15299.70020	308.90	76.36	48.828227	-86.926135	56094.04	56240.9	9.06	56103.10	56111.00781	56102.12977	56103.35547	505421.2	5408363.5
L5420.0	505421.2	5408363.5	15299.79981	309.13	79.8	48.828227	-86.926135	56092.94	56240.9	9.06	56102.00	56109.93359	56097.76338	56098.99609	505421.2	5408363.5
L5420.0	505421.2	5408365.0	15299.90039	309.67	78.83	48.828241	-86.926135	56092.12	56240.9	9.06	56101.18	56109.13672	56098.92974	56100.16797	505421.2	5408365.0
L5420.0	505421.2	5408366.4	15300.00000	308.72	78.83	48.828253	-86.926135	56091.10	56240.9	9.06	56100.16	56108.14063	56096.63871	56097.88672	505421.2	5408366.4
L5420.0	505421.2	5408366.4	15300.09961	308.73	79.14	48.828253	-86.926135	56090.25	56240.9	9.06	56099.31	56107.31641	56097.86091	56099.11328	505421.2	5408366.4
L5420.0	505421.2	5408368.0	15300.20020	309.72	77.54	48.828267	-86.926135	56089.13	56240.9	9.06	56098.19	56106.22266	56094.28389	56095.54297	505421.2	5408368.0
L5420.0	505421.2	5408370.8	15300.29981	311.11	77.54	48.828292	-86.926136	56088.32	56240.9	9.06	56097.38	56105.43750	56096.93169	56098.19531	505421.2	5408370.8
L5420.0	505421.2	5408370.8	15300.40039	309.98	73.96	48.828292	-86.926136	56087.16	56240.9	9.06	56096.22	56104.30469	56093.21706	56094.48438	505421.2	5408370.8
L5420.0	505421.2	5408372.5	15300.50000	311.78	73.96	48.828308	-86.926136	56086.22	56240.9	9.06	56095.28	56103.39453	56094.07177	56095.34375	505421.2	5408372.5
L5420.0	505421.2	5408373.9	15300.59961	313.94	73.29	48.828321	-86.926136	56084.95	56240.9	9.06	56094.01	56102.15234	56088.84736	56090.12109	505421.2	5408373.9
L5420.0	505421.2	5408373.9	15300.70020	313.31	77.94	48.828321	-86.926136	56084.18	56240.9	9.06	56093.24	56101.41406	56093.77451	56095.05469	505421.2	5408373.9
L5420.0	505421.2	5408375.3	15300.79981	310.94	77.01	48.828333	-86.926136	56082.81	56240.9	9.06	56091.86	56100.06250	56087.01996	56088.30078	505421.2	5408375.3
L5420.0	505421.2	5408376.5	15300.90039	311.93	74.51	48.828344	-86.926136	56081.87	56240.9	9.06	56090.93	56099.16016	56089.58022	56090.86328	505421.2	5408376.5
L5420.0	505421.2	5408378.1	15301.00000	314.73	74.51	48.828359	-86.926136	56080.50	56240.9	9.06	56089.56	56097.82422	56083.64741	56084.92969	505421.2	5408378.1
L5420.0	505421.2	5408378.1	15301.00000	314.73	76.14	48.828359	-86.926136	56079.49	56240.9	9.06	56088.55	56096.84375	56085.39107	56086.67578	505421.2	5408378.1
L5420.0	505421.2	5408380.2	15301.20020	312.41	78.99	48.828377	-86.926136	56078.18	56240.9	9.06	56087.24	56095.56641	56081.36592	56082.64844	505421.2	5408380.2
L5420.0	505421.2	5408381.4	15301.29981	313.32	78.99	48.828388	-86.926136	56077.19	56240.9	9.06	56086.25	56094.60547	56084.37108	56085.65234	505421.2	5408381.4
L5420.0	505421.2	5408382.8	15301.40039	315.06	80.79	48.828400	-86.926135	56075.85	56240.9	9.06	56084.91	56093.30078	56080.47801	56081.75781	505421.2	5408382.8
L5420.0	505421.2	5408382.8	15301.50000	312.88	84.79	48.828400	-86.926135	56074.74	56240.9	9.06	56083.80	56092.22266	56081.81806	56083.09766	505421.2	5408382.8
L5420.0	505421.2	5408384.1	15301.59961	312.73	84.79	48.828413	-86.926135	56073.38	56240.9	9.07	56082.44	56090.89453	56078.27953	56079.55469	505421.2	5408384.1
L5420.0	505421.2	5408385.5	15301.70020	314.70	74.26	48.828425	-86.926135	56072.20	56240.9	9.07	56081.27	56089.75781	56079.16888	56080.44141	505421.2	5408385.5
L5420.0	505421.2	5408386.5	15301.79981	312.64	76.32	48.828434	-86.926135	56070.86	56240.9	9.07	56079.93	56088.45313	56076.85049	56078.11719	505421.2	5408386.5
L5420.0	505421.2	5408387.9	15301.90039	313.18	76.32	48.828446	-86.926135	56069.76	56240.9	9.07	56078.83	56087.38672	56080.01587	56081.28125	505421.2	5408387.9
L5420.0	505421.2	5408389.3	15302.00000	313.66	79.99	48.828459	-86.926135	56068.39	56240.9	9.07	56077.46	56086.05078	56077.84305	56079.10156	505421.2	5408389.3
L5420.0	505421.2	5408390.6	15302.09961	314.02	80.81	48.828471	-86.926135	56067.05	56240.9	9.07	56076.12	56084.74219	56076.69063	56077.94531	505421.2	5408390.6
L5420.0	505421.2	5408390.6	15302.20020	313.85	80.65	48.828471	-86.926135	56065.50	56240.9	9.07	56074.58	56083.23828	56071.73525	56072.98438	505421.2	5408390.6
L5420.0	505421.2	5408392.0	15302.29981	312.52	80.65	48.828483	-86.926135	56063.93	56240.9	9.07	56073.01	56081.70313	56066.57707	56067.81641	505421.2	5408392.0
L5420.0	505421.2	5408393.1	15302.40039	313.41	80.65	48.828494	-86.926135	56062.32	56240.9	9.07	56071.39	56080.11719	56060.81179	56062.04688	505421.2	5408393.1
L5420.0	505421.2	5408394.8	15302.50000	312.81	76.37	48.828509	-86.926135	56061.02	56240.9	9.07	56070.10	56078.86328	56062.22457	56063.44922	505421.2	5408394.8
L5420.0	505421.2	5408394.8	15302.59961	311.94	76.37	48.828509	-86.926135	56059.33	56240.9	9.08	56068.41	56077.20703	56055.83253	56057.05078	505421.2	5408394.8
L5420.0	505421.2	5408396.6	15302.70020	310.13	74.84	48.828525	-86.926134	56057.89	56240.9	9.08	56066.97	56075.80078	56054.90081	56056.10938	505421.2	5408396.6
L5420.0	505421.2	5408398.2	15302.79981	312.41	80.41	48.828539	-86.926134	56056.32	56240.9	9.08	56065.40	56074.26563	56051.70395	56052.90625	505421.2	5408398.2
L5420.0	505421.3	5408399.6	15302.90039	312.43	80.41	48.828552	-86.926134	56054.83	56240.9	9.08	56063.91	56072.80859	56050.45272	56051.64453	505421.3	5408399.6
L5420.0	505421.3	5408399.6	15303.00000	311.02	82	48.828552	-86.926134	56053.26	56240.9	9.08	56062.34	56071.27344	56047.94635	56049.12891	505421.3	5408399.6
L5420.0	505421.3	5408401.0	15303.00000	311.02	82.42	48.828564	-86.926134	56051.87	56240.9	9.08	56060.95	56069.91797	56049.29099	56050.46094	505421.3	5408401.0
L5420.0	505421.3	5408401.9	15303.20020	311.20	79.98	48.828573	-86.926134	56050.45	56240.9	9.08	56059.53	56068.53516	56050.32278	56051.48438	505421.3	5408401.9
L5420.0	505421.3	5408403.3	15303.29981	310.39	80.47	48.828585	-86.926134	56048.89	56240.9	9.08	56057.97	56067.00781	56048.91606	56050.06641	505421.3	5408403.3
L5420.0	505421.3	5408404.7	15303.40039	311.42	80.47	48.828597	-86.926133	56047.29	56240.9	9.08	56056.37	56065.44141	56047.02860	56048.16797	505421.3	5408404.7
L5420.0	505421.3	5408406.1	15303.50000	311.12	80.93	48.828610	-86.926133	56045.80	56240.9	9.08	56054.88	56063.98438	56047.54321	56048.66797	505421.3	5408406.1
L5420.0	505421.3	5408406.9	15303.59961	310.68	81.36	48.828618	-86.926133	56044.28	56240.9	9.08	56053.36	56062.50000	56047.75155	56048.86328	505421.3	5408406.9
L5420.0	505421.3	5408408.2	15303.70020	310.61	81.36	48.828629	-86.926133	56042.69	56240.9	9.08	56051.77	56060.94531	56046.88672	56047.98828	505421.3	5408408.2
L5420.0	505421.3	5408408.2	15303.79981	309.86	80.08	48.828629	-86.926133	56040.94	56240.9	9.08	56050.02	56059.22656	56043.22392	56044.31250	505421.3	5408408.2
L5420.0	505421.4	5408409.7	15303.90039	311.76	80.29	48.828643	-86.926133	56039.05	56240.9	9.08	56048.13	56057.37109	56037.13930	56038.21484	505421.4	5408409.7
L5420.0	505421.4	5408410.9	15304.00000	310.85	80.51	48.828653	-86.926133	56037.40	56240.9	9.08	56046.48	56055.75391	56035.89475	56036.95703	505421.4	5408410.9
L5420.0	505421.4	5408412.2	15304.09961	311.86	80.04	48.828665	-86.926132	56035.73	56240.9	9.08	56044.81	56054.11328	56034.50318	56035.55078	505421.4	5408412.2
L5420.0	505421.4	5408413.8	15304.20020	312.79	80.04	48.828680	-86.926132	56034.14	56240.9	9.08	56043.22	56052.55859	56034.87283	56035.90625	505421.4	5408413.8
L5420.0	505421.4	5408415.0	15304.29981	312.93	80.04	48.828690	-86.926132	56032.12	56240.9	9.08	56041.20	56050.57031	56027.19518	56028.21484	505421.4	5408415.0
L5420.0	505421.4	5408416.2	15304.40039	313.04	71.85	48.828701	-86.926132	56030.57	56240.9	9.08	56039.65	56049.05078	56028.74826	56029.75391	505421.4	5408416.2
L5420.0	505421.4	5408417.7	15304.50000	311.82	74.64	48.828715	-86.926132	56028.63	56240.9	9.08	56037.71	56047.14063	56022.97458	56023.96484	505421.4	5408417.7
L5420.0	505421.4	5408418.7	15304.59961	312.18	74.64	48.828723	-86.926132	56027.06	56240.9	9.09	56036.14	56045.60156	56024.50502	56025.48047	505421.4	5408418.7
L5420.0	505421.4	5408418.7	15304.70020	311.10	73.85	48.828723	-86.926132	56025.06	56240.9	9.09	56034.15	56043.64063	56018.06979	56019.03125	505421.4	5408418.7
L5420.0	505421.4	5408420.1	15304.79981	311.78	72.5	48.828736	-86.926132	56023.29	56240.9	9.09	56032.37	56041.89063	56015.82206	56016.76953	505421.4	5408420.1
L5420.0	505421.4	5408421.3	15304.90039	314.64	74.47	48.828747	-86.926132	56021.36	56240.9	9.09	56030.45	56040.00000	56010.96767	56011.89844	505421.4	5408421.3
L5420.0	505421.4	5408422.7	15305.00000	313.69	78.39	48.828760	-86.926132	56019.63	56240.9	9.09	56028.71	56038.28906	56009.69076	56010.60547	505421.4	5408422.7
L5420.0	505421.4	5408424.1	15305.00000	313.69	78.39	48.828772	-86.926132	56017.59	56240.9	9.09	56026.68	56036.28906	56002.84349	56003.74219	505421.4	5408424.1
L5420.0	505421.4	5408425.0	15305.20020	310.44	77.32	48.828780	-86.926132	56016.03	56240.9	9.09	56025.11	56034.74609	56004.97322	56005.85938	505421.4	5408425.0
L5420.0	505421.4	5408426.0	15305.29981	311.90	75.18	48.828789	-86.926132	56014.11	56240.9	9.09	56023.19	56032.85547	56000.31149	56001.17969	505421.4	5408426.0
L5420.0	505421.4	5408427.4	15305.40039	311.66	74.87	48.828802	-86.926132	56012.48	56240.9	9.09	56021.57	56031.26172	56001.46300	56002.31641	505421.4	5408427.4
L5420.0	505421.4	5408429.0	15305.50000	310.75	74.87	48.828816	-86.926132	56010.44	56240.9	9.08	56019.52	56029.23828	55994.20868	55995.04688	505421.4	5408429.0
L5420.0	505421.4	5408429.0	15305.59961	312.68	66.17	48.828816	-86.926132	56008.59	56240.9	9.08	56017.67	56027.41797	55990.76228	55991.58594	505421.4	5408429.0
L5420.0	505421.4	5408431.6	15305.70020	311.64	67.26	48.828839	-86.926132	56006.72	56240.9	9.08	56015.80	56025.57422	55986.81574	55987.62500	505421.4	5408431.6
L5420.0	505421.4	5408431.6	15305.79981	310.79	66.49	48.828839	-86.926132	56005.20	56240.9	9.08	56014.29	56024.08984	55989.69772	55990.49219	505421.4	5408431.6
L5420.0	505421.4	5408433.0	15305.90039	310.22	71.69	48.828852	-86.926132	56003.38	56240.9	9.08	56012.46	56022.28516	55986.19295	55986.97266	505421.4	5408433.0
L5420.0	505421.4	5408434.4	15306.00000	310.85	71.69	48.828865	-86.926132	56001.82	56240.9	9.08	56010.90	56020.75000	55987.68609	55988.45313	505421.4	5408434.4
L5420.0	505421.4	5408434.4	15306.09961	312.66	71.32	48.828865	-86.926132	55999.82	56240.9	9.08	56008.90	56018.77344	55980.43004	55981.18359	505421.4	5408434.4
L5420.0	505421.4	5408435.8	15306.20020	311.35	72.22	48.828877	-86.926132	55998.24	56240.9	9.08	56007.32	56017.21875	55980.97776	55981.71484	505421.4	5408435.8
L5420.0	505421.4	5408437.7	15306.29981	310.44	73.15	48.828894	-86.926132	55996.20	56240.9	9.08	56005.28	56015.20313	55972.35695	55973.08203	505421.4	5408437.7
L5420.0	505421.3	5408439.1	15306.40039	312.46	73.15	48.828907	-86.926132	55994.73	56240.9	9.08	56003.81	56013.75391	55974.30507	55975.01563	505421.3	5408439.1
L5420.0	505421.3	5408440.3	15306.50000	311.57	72.71	48.828917	-86.926133	55992.93	56240.9	9.08	56002.01	56011.98047	55969.53050	55970.23047	505421.3	5408440.3
L5420.0	505421.3	5408440.3	15306.59961	312.06	73.39	48.828917	-86.926133	55991.39	56240.9	9.08	56000.47	56010.46094	55969.27217	55969.96094	505421.3	5408440.3
L5420.0	505421.3	5408441.8	15306.70020	313.12	74.26	48.828932	-86.926133	55989.44	56240.9	9.08	55998.52	56008.53516	55960.75408	55961.42969	505421.3	5408441.8

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5420.0	505421.3	5408443.3	15306.79981	312.92	71.25	48.828945	-86.926133	55987.88	56240.9	9.08	55996.96	56006.99609	55959.13114	55959.79688	505421.3	5408443.3
L5420.0	505421.3	5408444.6	15306.90039	311.07	71.25	48.828957	-86.926133	55986.26	56240.9	9.08	55995.34	56005.39844	55955.82866	55956.48047	505421.3	5408444.6
L5420.0	505421.3	5408446.0	15307.00000	311.45	72.14	48.828969	-86.926133	55985.04	56240.9	9.08	55994.12	56004.20313	55959.42801	55960.07031	505421.3	5408446.0
L5420.0	505421.3	5408446.0	15307.00000	311.45	71.01	48.828969	-86.926133	55983.27	56240.9	9.08	55992.35	56002.45313	55952.09658	55952.73047	505421.3	5408446.0
L5420.0	505421.3	5408447.4	15307.20020	311.36	71.28	48.828982	-86.926133	55982.06	56240.9	9.08	55991.14	56001.26563	55954.51332	55955.13672	505421.3	5408447.4
L5420.0	505421.3	5408449.1	15307.29981	311.51	71.28	48.828997	-86.926133	55980.52	56240.9	9.08	55989.60	55999.74609	55950.06492	55950.67969	505421.3	5408449.1
L5420.0	505421.3	5408450.3	15307.40039	312.93	72.88	48.829007	-86.926133	55979.22	56240.9	9.08	55988.31	55998.47656	55949.47309	55950.07813	505421.3	5408450.3
L5420.0	505421.3	5408451.7	15307.50000	311.25	71.77	48.829020	-86.926133	55977.63	56240.9	9.08	55986.72	55996.91016	55942.55347	55943.15234	505421.3	5408451.7
L5420.0	505421.3	5408451.7	15307.59961	310.57	71.96	48.829020	-86.926133	55976.57	56240.9	9.09	55985.65	55995.85938	55944.35743	55944.94922	505421.3	5408451.7
L5420.0	505421.2	5408453.1	15307.70020	308.79	71.96	48.829033	-86.926133	55975.38	56240.9	9.09	55984.47	55994.70313	55943.24767	55943.83594	505421.2	5408453.1
L5420.0	505421.2	5408455.2	15307.79981	310.87	73.14	48.829052	-86.926133	55974.44	56240.9	9.09	55983.53	55993.78516	55945.62661	55946.20703	505421.2	5408455.2
L5420.0	505421.2	5408455.2	15307.90039	310.97	68.35	48.829052	-86.926133	55973.00	56240.9	9.09	55982.09	55992.36328	55937.86665	55938.44531	505421.2	5408455.2
L5420.0	505421.2	5408456.4	15308.00000	308.97	67.53	48.829062	-86.926134	55972.17	56240.9	9.09	55981.26	55991.55469	55940.36721	55940.94141	505421.2	5408456.4
L5420.0	505421.2	5408457.8	15308.09961	309.58	68.07	48.829075	-86.926134	55970.95	56240.9	9.09	55980.04	55990.35938	55934.67637	55935.24609	505421.2	5408457.8
L5420.0	505421.2	5408459.2	15308.20020	309.92	68.07	48.829088	-86.926134	55970.09	56240.9	9.09	55979.19	55989.53125	55934.80902	55935.37891	505421.2	5408459.2
L5420.0	505421.2	5408460.4	15308.29981	309.05	68.14	48.829099	-86.926134	55968.98	56240.9	9.09	55978.07	55988.43359	55928.88616	55929.45313	505421.2	5408460.4
L5420.0	505421.2	5408461.9	15308.40039	310.80	68.14	48.829112	-86.926134	55968.32	56240.9	9.09	55977.42	55987.80469	55930.67130	55931.23828	505421.2	5408461.9
L5420.0	505421.2	5408463.0	15308.50000	312.52	69.28	48.829122	-86.926134	55967.52	56240.9	9.09	55976.61	55987.01563	55928.42422	55928.99219	505421.2	5408463.0
L5420.0	505421.2	5408464.0	15308.59961	312.05	69.28	48.829131	-86.926134	55966.86	56240.9	9.10	55975.95	55986.37891	55927.93240	55928.50000	505421.2	5408464.0
L5420.0	505421.2	5408465.3	15308.70020	311.33	67.3	48.829143	-86.926134	55966.04	56240.9	9.10	55975.14	55985.59375	55923.55123	55924.12500	505421.2	5408465.3
L5420.0	505421.2	5408465.8	15308.79981	311.91	70.15	48.829147	-86.926134	55965.56	56240.9	9.10	55974.66	55985.13672	55924.30056	55924.87500	505421.2	5408465.8
L5420.0	505421.2	5408467.2	15308.90039	314.35	70.15	48.829160	-86.926134	55965.01	56240.9	9.10	55974.11	55984.60938	55922.64056	55923.22266	505421.2	5408467.2
L5420.0	505421.2	5408468.7	15309.00000	312.73	70.92	48.829173	-86.926134	55964.58	56240.9	9.10	55973.68	55984.20703	55922.14653	55922.73047	505421.2	5408468.7
L5420.0	505421.2	5408470.1	15309.00000	312.73	70.91	48.829186	-86.926134	55964.18	56240.9	9.10	55973.28	55983.83203	55921.11992	55921.71094	505421.2	5408470.1
L5420.0	505421.1	5408471.5	15309.20020	310.12	71.18	48.829198	-86.926135	55963.97	56240.9	9.10	55973.06	55983.63672	55922.38830	55922.98828	505421.1	5408471.5
L5420.0	505421.1	5408471.5	15309.29981	312.90	71.18	48.829198	-86.926135	55963.77	56240.9	9.09	55972.86	55983.46484	55922.93623	55923.54688	505421.1	5408471.5
L5420.0	505421.1	5408472.7	15309.40039	311.63	62.12	48.829209	-86.926135	55963.67	56240.9	9.09	55972.76	55983.39063	55924.27769	55924.89453	505421.1	5408472.7
L5420.0	505421.1	5408474.8	15309.50000	313.14	68.56	48.829228	-86.926135	55963.74	56240.9	9.09	55972.83	55983.48828	55927.73615	55928.36328	505421.1	5408474.8
L5420.0	505421.1	5408474.8	15309.59961	313.08	72.79	48.829228	-86.926135	55963.64	56240.9	9.09	55972.73	55983.41797	55926.94197	55927.58203	505421.1	5408474.8
L5420.0	505421.1	5408475.9	15309.70020	311.34	73.1	48.829238	-86.926135	55963.70	56240.9	9.09	55972.78	55983.49609	55927.91548	55928.57031	505421.1	5408475.9
L5420.0	505421.1	5408477.1	15309.79981	308.90	73.1	48.829249	-86.926136	55963.67	56240.9	9.08	55972.75	55983.49609	55926.37941	55927.04688	505421.1	5408477.1
L5420.0	505421.1	5408478.2	15309.90039	309.11	73.46	48.829259	-86.926136	55963.87	56240.9	9.08	55972.95	55983.73047	55928.14115	55928.82422	505421.1	5408478.2
L5420.0	505421.0	5408480.1	15310.00000	310.09	73.74	48.829276	-86.926136	55964.02	56240.9	9.08	55973.10	55983.91016	55927.99987	55928.69922	505421.0	5408480.1
L5420.0	505421.0	5408481.3	15310.09961	308.55	73.74	48.829287	-86.926136	55964.27	56240.9	9.08	55973.36	55984.20703	55928.95804	55929.67578	505421.0	5408481.3
L5420.0	505421.0	5408482.6	15310.20020	309.27	73.92	48.829299	-86.926136	55964.56	56240.9	9.09	55973.64	55984.51953	55929.37208	55930.10938	505421.0	5408482.6
L5420.0	505421.0	5408482.6	15310.29981	310.47	71.08	48.829299	-86.926136	55964.91	56240.9	9.09	55974.00	55984.91797	55930.38268	55931.14063	505421.0	5408482.6
L5420.0	505421.0	5408484.0	15310.40039	311.51	70.16	48.829311	-86.926136	55965.39	56240.9	9.09	55974.48	55985.43359	55932.77913	55933.55859	505421.0	5408484.0
L5420.0	505421.0	5408485.4	15310.50000	309.88	73.66	48.829323	-86.926137	55966.02	56240.9	9.10	55975.11	55986.10156	55937.16962	55937.96875	505421.0	5408485.4
L5420.0	505421.0	5408486.9	15310.59961	310.18	73.92	48.829337	-86.926137	55966.40	56240.9	9.10	55975.50	55986.53125	55936.36337	55937.18750	505421.0	5408486.9
L5420.0	505421.0	5408488.4	15310.70020	312.03	73.92	48.829351	-86.926137	55967.21	56240.9	9.10	55976.31	55987.38281	55942.67050	55943.51953	505421.0	5408488.4
L5420.0	505421.0	5408488.4	15310.79981	312.60	73.83	48.829351	-86.926137	55967.64	56240.9	9.10	55976.75	55987.86328	55941.43732	55942.30859	505421.0	5408488.4
L5420.0	505421.0	5408490.1	15310.90039	312.48	73.83	48.829366	-86.926137	55968.40	56240.9	9.11	55977.51	55988.66797	55945.60474	55946.50391	505421.0	5408490.1
L5420.0	505421.0	5408491.5	15311.00000	314.09	74.33	48.829379	-86.926137	55969.06	56240.9	9.11	55978.17	55989.37500	55947.37628	55948.30469	505421.0	5408491.5
L5420.0	505421.0	5408491.5	15311.00000	314.09	74.52	48.829379	-86.926137	55969.89	56240.9	9.11	55979.00	55990.25000	55951.90525	55952.86328	505421.0	5408491.5
L5420.0	505421.0	5408493.1	15311.20020	314.21	70.91	48.829393	-86.926137	55970.39	56240.9	9.11	55979.50	55990.80078	55949.74837	55950.73438	505421.0	5408493.1
L5420.0	505421.0	5408495.9	15311.29981	311.30	70.47	48.829418	-86.926137	55971.13	56240.9	9.11	55980.24	55991.58984	55951.80990	55952.82813	505421.0	5408495.9
L5420.0	505421.0	5408495.9	15311.40039	312.33	70.47	48.829418	-86.926137	55971.86	56240.9	9.11	55980.97	55992.37109	55953.40019	55954.44922	505421.0	5408495.9
L5420.0	505421.0	5408495.9	15311.50000	312.64	70.47	48.829418	-86.926137	55972.80	56240.9	9.10	55981.90	55993.35547	55958.65787	55959.74219	505421.0	5408495.9
L5420.0	505421.0	5408497.6	15311.59961	310.70	74.54	48.829434	-86.926137	55973.46	56240.9	9.10	55982.56	55994.07031	55958.52906	55959.64453	505421.0	5408497.6
L5420.0	505421.0	5408499.0	15311.70020	309.88	74.41	48.829446	-86.926137	55974.34	56240.9	9.10	55983.45	55995.01563	55962.79101	55963.94531	505421.0	5408499.0
L5420.0	505421.0	5408500.6	15311.79981	311.69	71.68	48.829460	-86.926137	55974.82	56240.9	9.10	55983.92	55995.54297	55958.79678	55959.98438	505421.0	5408500.6
L5420.0	505420.9	5408501.8	15311.90039	311.44	71.68	48.829471	-86.926137	55975.73	56240.9	9.10	55984.83	55996.51563	55963.41538	55964.64063	505420.9	5408501.8
L5420.0	505420.9	5408501.8	15312.00000	311.13	71.98	48.829471	-86.926137	55976.32	56240.9	9.10	55985.42	55997.16797	55961.82669	55963.08984	505420.9	5408501.8
L5420.0	505420.9	5408504.4	15312.09961	311.31	71.98	48.829494	-86.926137	55977.33	56240.9	9.10	55986.43	55998.24219	55968.56566	55969.87109	505420.9	5408504.4
L5420.0	505420.9	5408505.4	15312.20020	312.30	74.99	48.829503	-86.926137	55977.78	56240.9	9.10	55986.88	55998.75781	55964.50676	55965.85156	505420.9	5408505.4
L5420.0	505420.9	5408505.4	15312.29981	311.30	74.99	48.829503	-86.926137	55978.59	56240.9	9.10	55987.69	55999.63672	55967.69070	55969.07422	505420.9	5408505.4
L5420.0	505420.9	5408507.1	15312.40039	311.53	75.72	48.829519	-86.926137	55979.32	56240.9	9.10	55988.42	56000.43750	55969.56175	55970.98828	505420.9	5408507.1
L5420.0	505420.9	5408508.6	15312.50000	311.89	76.67	48.829532	-86.926138	55980.34	56240.9	9.10	55989.44	56001.52734	55977.36651	55978.83594	505420.9	5408508.6
L5420.0	505420.9	5408508.6	15312.59961	313.11	76.67	48.829532	-86.926138	55980.76	56240.9	9.10	55989.86	56002.02344	55973.84452	55975.35547	505420.9	5408508.6
L5420.0	505420.9	5408510.0	15312.70020	312.07	76.81	48.829544	-86.926138	55981.88	56240.9	9.10	55990.98	56003.21875	55984.27897	55985.83594	505420.9	5408510.0
L5420.0	505420.9	5408511.5	15312.79981	313.45	76.81	48.829558	-86.926138	55982.31	56240.9	9.10	55991.41	56003.72656	55981.76241	55983.36328	505420.9	5408511.5
L5420.0	505420.8	5408512.5	15312.90039	313.68	77.58	48.829567	-86.926138	55983.22	56240.9	9.10	55992.32	56004.71484	55988.99001	55990.63672	505420.8	5408512.5
L5420.0	505420.8	5408513.9	15313.00000	311.84	77.58	48.829580	-86.926138	55983.42	56240.9	9.10	55992.52	56005.00000	55983.00573	55984.69922	505420.8	5408513.9
L5420.0	505420.8	5408515.3	15313.00000	311.84	77.69	48.829592	-86.926138	55984.31	56240.9	9.10	55993.41	56005.97266	55990.87309	55992.61328	505420.8	5408515.3
L5420.0	505420.8	5408515.3	15313.20020	308.86	77.18	48.829592	-86.926138	55984.56	56240.9	9.10	55993.66	56006.30859	55986.97179	55988.75781	505420.8	5408515.3
L5420.0	505420.8	5408517.0	15313.29981	310.08	77.18	48.829608	-86.926138	55985.20	56240.9	9.10	55994.30	56007.03906	55991.18922	55993.02344	505420.8	5408517.0
L5420.0	505420.8	5408518.5	15313.40039	310.05	79.13	48.829621	-86.926138	55985.50	56240.9	9.10	55994.60	56007.42969	55989.49288	55991.37891	505420.8	5408518.5
L5420.0	505420.8	5408519.4	15313.50000	310.07	76.39	48.829629	-86.926138	55986.06	56240.9	9.11	55995.16	56008.08203	55993.46211	55995.39453	505420.8	5408519.4
L5420.0	505420.8	5408521.0	15313.59961	311.02	76.39	48.829644	-86.926138	55986.25	56240.9	9.11	55995.36	56008.37500	55991.19231	55993.17578	505420.8	5408521.0
L5420.0	505420.8	5408521.0	15313.70020	310.85	77.11	48.829644	-86.926138	55986.84	56240.9	9.11	55995.95	56009.06250	55997.13566	55999.16797	505420.8	5408521.0
L5420.0	505420.8	5408522.4	15313.79981	312.05	79.97	48.829657	-86.926138	55986.91	56240.9	9.11	55996.02	56009.23438	55993.81254	55995.89453	505420.8	5408522.4
L5420.0	505420.8	5408523.6	15313.90039	312.09	80.77	48.829667	-86.926138	55987.24	56240.9	9.11	55996.35	56009.66406	55996.24490	55998.37891	505420.8	5408523.6
L5420.0	505420.8	5408525.0	15314.00000	313.51	80.77	48.829679	-86.926138	55987.34	56240.9	9.11	55996.45	56009.86719	55995.02808	55997.21094	505420.8	5408525.0
L5420.0	505420.8	5408526.3	15314.09961	314.87	80.75	48.829692	-86.926138	55987.55	56240.9	9.11	55996.66	56010.18359	55996.71947	55998.95313	505420.8	5408526.3
L5420.0	505420.8	5408527.3	15314.20020	312.33	80.75	48.829700	-86.926138	55987.52	56240.9	9.11	55996.63	56010.25781	55994.59970	55996.88281	505420.8	5408527.3
L5420.0	505420.9	5408529.0	15314.29981	310.48	81.47	48.829715	-86.926138	55987.62	56240.9	9.12	55996.74	56010.48047	55995.99779	55998.33203	505420.9	5408529.0
L5420.0	505420.9	5408530.1	15314.40039	312.39	81.95	48.829726	-86.926138	55987.57	56240.9	9.12	55996.69	56010.53906	55995.14965	55997.53516	505420.9	5408530.1
L5420.0	505420.9	5408530.1	15314.50000	311.50	81.91	48.829726	-86.926138	55987.65	56240.9	9.12	55996.77	56010.73438	55997.65373	56000.08984	505420.9	5408530.1
L5420.0	505420.9	5408531.5	15314.59961	310.49	78.83	48.829738	-86.926137	55987.49	56240.9	9.12	55996.61	56010.68750	55996.38878	55998.87500	505420.9	5408531.5
L5420.0	505420.9	5408532.9	15314.70020	311.23	78.83	48.829751	-86.926137	55987.34	56240.9	9.12	55996.47	56010.66406	55996.37300	55998.91016	505420.9	5408532.9
L5420.0	505420.9	5408534.5	15314.79981	312.08	75.66	48.829765	-86.926137	55987.12	56240.9	9.13	55996.24	56010.55469	55995.49474	55998.08203	505420.9	5408534.5
L5420.0	505420.9	5408535.9	15314.90039	312.63	76.86	48.829778	-86.926137	55986.84	56240.9	9.13	55995.97	56010.40625	55994.72194	55997.35938	505420.9	5408535.9
L5420.0	505420.9	5408537.1	15315.00000	310.28	74.91	48.829789	-86.926137	55986.56	56240.9	9.13	55995.69	56010.24609	55994.63097	55997.31641	505420.9	5408537.1
L5420.0	505420.9	5408538.2	15315.00000	310.28	74.91	48.829799	-86.926136	55986.18	56240.9	9.13	55995.31	56009.99219	55993.50045	55996.23438	505420.9	5408538.2
L5420.0	505420.9	5408538.2	15315.20020	312.98	75.5	48.829799	-86.926136	55985.90	56240.9	9.13	55995.03	56009.83594	55995.14326	55997.92578	505420.9	5408538.2
L5420.0	505421.0	5408539.6	15315.29981	312.32	78.12	48.829811	-86.926136	55985.39	56240.9	9.13	55994.53	56009.46484	55993.46218	55996.29297	505421.0	5408539.6
L5420.0	505421.0	5408541.0	15315.40039	311.38	74.75	48.829824	-86.926136	55984.91	56240.9	9.13	55994.05	56009.11328	55993.02157	55995.90234	505421.0	5408541.0
L5420.0	505421.0	5408542.4	15315.50000	311.85	74.82	48.829836	-86.926136	55984.31	56240.9	9.14	55993.44	56008.63672	55990.97478	55993.90234	505421.0	5408542.4
L5420.0	505421.0	5408543.6	15315.59961	309.55	74.82	48.829847	-86.926136	55983.88	56240.9	9.14	55993.01	56008.33594	55993.16185	55996.13281	505421.0	5408543.6
L5420.0	505421.0	5408544.6	15315.70020	309.27	78.06	48.829856	-86.926136	55983.09	56240.9	9.14	55992.23	56007.69141	55989.58714	55992.60547	505421.0	5408544.6
L5420.0	505421.0	5408545.9	15315.79981	309.82	81.81	48.829868	-86.926135	55982.59	56240.9	9.14	55991.72	56007.31641	55991.90617	55994.96875	505421.0	5408545.9
L5420.0	505421.0	5408547.1	15315.90039	311.80	82.38	48.829878	-86.926135	55981.73	56240.9	9.14	55990.87	56006.60156	55988.64138	55991.75000	505421.0	5408547.1
L5420.0	505421.0	5408547.1	15316.00000	312.30	82.38	48.829878	-86.926135	55981.20	56240.9	9.14	55990.34	56006.20703	55992.18131	55995.33203	505421.0	5408547.1

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5420.0	505421.0	5408549.5	15316.09961	311.98	82.42	48.829900	-86.926135	55980.31	56240.9	9.14	55989.45	56005.45703	55989.73139	55992.92188	505421.0	5408549.5
L5420.0	505421.0	5408549.5	15316.20020	312.76	82.59	48.829900	-86.926135	55979.61	56240.9	9.14	55988.74	56004.88672	55991.44084	55994.67188	505421.0	5408549.5
L5420.0	505421.1	5408550.9	15316.29981	313.20	82.21	48.829913	-86.926135	55978.54	56240.9	9.14	55987.68	56003.96484	55987.27455	55990.54688	505421.1	5408550.9
L5420.0	505421.1	5408552.2	15316.40039	308.95	81.64	48.829924	-86.926135	55977.76	56240.9	9.14	55986.89	56003.31641	55988.96511	55992.27734	505421.1	5408552.2
L5420.0	505421.1	5408553.4	15316.50000	308.31	81.64	48.829935	-86.926135	55976.70	56240.9	9.13	55985.83	56002.39844	55986.21439	55989.56250	505421.1	5408553.4
L5420.0	505421.1	5408554.6	15316.59961	308.92	78.6	48.829946	-86.926135	55975.84	56240.9	9.13	55984.97	56001.68359	55988.01290	55991.39844	505421.1	5408554.6
L5420.0	505421.1	5408554.6	15316.70020	310.65	77.58	48.829946	-86.926135	55974.77	56240.9	9.13	55983.91	56000.76563	55986.62989	55990.05078	505421.1	5408554.6
L5420.0	505421.1	5408557.3	15316.79981	311.78	77.58	48.829971	-86.926134	55973.81	56240.9	9.13	55982.95	55999.94922	55987.87738	55991.33203	505421.1	5408557.3
L5420.0	505421.1	5408557.3	15316.90039	313.01	78.78	48.829971	-86.926134	55971.89	56240.9	9.13	55981.02	55998.16406	55970.44754	55973.93359	505421.1	5408557.3
L5420.0	505421.1	5408559.0	15317.00000	312.66	78.31	48.829985	-86.926134	55970.12	56240.9	9.13	55979.25	55996.53906	55956.50174	55960.01953	505421.1	5408559.0
L5420.0	505421.1	5408560.4	15317.00000	312.66	78.31	48.829998	-86.926134	55969.08	56240.9	9.13	55978.21	55995.64453	55957.75747	55961.30469	505421.1	5408560.4
L5420.0	505421.1	5408561.6	15317.20020	311.30	78.57	48.830009	-86.926134	55968.07	56240.9	9.13	55977.20	55994.78125	55960.25423	55963.82813	505421.1	5408561.6
L5420.0	505421.1	5408562.8	15317.29981	312.72	79.37	48.830019	-86.926134	55966.81	56240.9	9.13	55975.93	55993.65625	55957.94931	55961.55078	505421.1	5408562.8
L5420.0	505421.1	5408563.9	15317.40039	312.82	79.37	48.830030	-86.926134	55965.92	56240.9	9.13	55975.05	55992.92188	55964.36120	55967.98828	505421.1	5408563.9
L5420.0	505421.1	5408565.1	15317.50000	311.87	77.07	48.830040	-86.926134	55964.32	56240.9	9.13	55973.45	55991.46484	55956.07854	55959.72656	505421.1	5408565.1
L5420.0	505421.1	5408566.3	15317.59961	312.62	70.51	48.830052	-86.926133	55963.34	56240.9	9.13	55972.47	55990.62891	55961.43569	55965.10547	505421.1	5408566.3
L5420.0	505421.2	5408567.2	15317.70020	314.61	77.19	48.830059	-86.926133	55961.85	56240.9	9.13	55970.98	55989.28516	55956.28022	55959.96875	505421.2	5408567.2
L5420.0	505421.2	5408568.6	15317.79981	317.16	77.19	48.830072	-86.926133	55960.56	56240.9	9.13	55969.69	55988.14063	55955.80644	55959.51172	505421.2	5408568.6
L5420.0	505421.2	5408570.0	15317.90039	316.22	77.65	48.830085	-86.926133	55958.96	56240.9	9.13	55968.09	55986.68359	55948.90510	55952.62500	505421.2	5408570.0
L5420.0	505421.2	5408570.0	15318.00000	314.61	77.72	48.830085	-86.926133	55957.47	56240.9	9.13	55966.60	55985.33594	55944.68320	55948.41797	505421.2	5408570.0
L5420.0	505421.2	5408571.2	15318.09961	316.14	81.04	48.830096	-86.926132	55956.03	56240.9	9.13	55965.15	55984.02734	55941.59954	55945.34375	505421.2	5408571.2
L5420.0	505421.3	5408573.1	15318.20020	316.56	81.04	48.830113	-86.926132	55954.69	56240.9	9.13	55963.81	55982.83203	55941.16033	55944.91406	505421.3	5408573.1
L5420.0	505421.3	5408574.4	15318.29981	315.70	83.05	48.830124	-86.926131	55952.99	56240.9	9.12	55962.12	55981.28125	55933.23540	55936.99609	505421.3	5408574.4
L5420.0	505421.3	5408574.4	15318.40039	313.76	82.37	48.830124	-86.926131	55951.81	56240.9	9.12	55960.93	55980.23047	55936.40880	55940.17578	505421.3	5408574.4
L5420.0	505421.3	5408576.0	15318.50000	312.59	81.64	48.830139	-86.926131	55950.41	56240.9	9.12	55959.53	55978.96875	55935.07510	55938.84766	505421.3	5408576.0
L5420.0	505421.3	5408577.4	15318.59961	312.48	84.98	48.830151	-86.926131	55948.84	56240.9	9.12	55957.96	55977.53516	55930.11928	55933.89063	505421.3	5408577.4
L5420.0	505421.3	5408578.8	15318.70020	312.72	84.98	48.830164	-86.926131	55947.38	56240.9	9.12	55956.50	55976.21094	55927.57145	55931.33984	505421.3	5408578.8
L5420.0	505421.3	5408580.3	15318.79981	312.93	85.14	48.830177	-86.926130	55945.91	56240.9	9.11	55955.02	55974.86719	55924.57425	55928.33984	505421.3	5408580.3
L5420.0	505421.3	5408580.3	15318.90039	312.68	85.41	48.830177	-86.926130	55944.54	56240.9	9.11	55953.65	55973.62891	55923.82695	55927.58984	505421.3	5408580.3
L5420.0	505421.4	5408581.9	15319.00000	313.02	85.41	48.830191	-86.926130	55943.06	56240.9	9.11	55952.17	55972.27734	55920.63882	55924.39453	505421.4	5408581.9
L5420.0	505421.4	5408583.5	15319.00000	313.02	84.7	48.830206	-86.926130	55941.69	56240.9	9.11	55950.80	55971.03906	55919.56788	55923.31250	505421.4	5408583.5
L5420.0	505421.4	5408583.5	15319.20020	317.37	83.31	48.830206	-86.926130	55940.24	56240.9	9.12	55949.36	55969.72266	55916.83823	55920.57031	505421.4	5408583.5
L5420.0	505421.4	5408585.1	15319.29981	313.96	81.78	48.830220	-86.926130	55938.93	56240.9	9.12	55948.04	55968.52734	55916.28050	55919.99609	505421.4	5408585.1
L5420.0	505421.4	5408586.6	15319.40039	313.42	83.35	48.830234	-86.926130	55937.48	56240.9	9.12	55946.61	55967.22266	55913.20448	55916.90234	505421.4	5408586.6
L5420.0	505421.4	5408587.9	15319.50000	313.26	83.35	48.830246	-86.926130	55936.40	56240.9	9.13	55945.52	55966.25391	55916.47971	55920.16016	505421.4	5408587.9
L5420.0	505421.4	5408589.4	15319.59961	311.58	81.46	48.830259	-86.926130	55934.88	56240.9	9.13	55944.01	55964.85938	55911.09843	55914.75391	505421.4	5408589.4
L5420.0	505421.4	5408590.5	15319.70020	308.65	81.46	48.830269	-86.926130	55933.74	56240.9	9.13	55942.87	55963.83594	55912.45771	55916.08984	505421.4	5408590.5
L5420.0	505421.3	5408591.9	15319.79981	306.44	78.2	48.830282	-86.926130	55932.20	56240.9	9.13	55941.33	55962.40625	55905.68022	55909.28516	505421.3	5408591.9
L5420.0	505421.3	5408591.9	15319.90039	309.98	80.35	48.830282	-86.926130	55930.91	56240.9	9.14	55940.05	55961.23828	55903.37773	55906.95313	505421.3	5408591.9
L5420.0	505421.3	5408593.1	15320.00000	310.36	80.35	48.830292	-86.926131	55929.44	56240.9	9.14	55938.58	55959.87500	55896.99215	55900.53516	505421.3	5408593.1
L5420.0	505421.3	5408595.1	15320.09961	308.58	84.37	48.830310	-86.926131	55928.48	56240.9	9.14	55937.62	55959.01953	55899.53098	55903.03906	505421.3	5408595.1
L5420.0	505421.3	5408595.1	15320.20020	308.71	86.21	48.830310	-86.926131	55927.09	56240.9	9.14	55936.23	55957.73047	55893.49055	55896.96094	505421.3	5408595.1
L5420.0	505421.3	5408597.4	15320.29981	311.35	86.21	48.830331	-86.926131	55926.31	56240.9	9.14	55935.45	55957.04688	55897.99004	55901.42188	505421.3	5408597.4
L5420.0	505421.3	5408597.4	15320.40039	312.78	86.09	48.830331	-86.926131	55924.79	56240.9	9.14	55933.93	55955.62500	55888.30986	55891.69922	505421.3	5408597.4
L5420.0	505421.3	5408598.8	15320.50000	312.26	86.43	48.830344	-86.926131	55924.11	56240.9	9.14	55933.25	55955.03516	55893.15871	55896.50391	505421.3	5408598.8
L5420.0	505421.2	5408600.5	15320.59961	311.52	86.43	48.830359	-86.926132	55922.92	56240.9	9.14	55932.06	55953.93359	55888.04053	55891.33984	505421.2	5408600.5
L5420.0	505421.2	5408601.9	15320.70020	312.33	86.49	48.830372	-86.926132	55922.31	56240.9	9.14	55931.45	55953.40625	55892.56779	55895.81641	505421.2	5408601.9
L5420.0	505421.2	5408601.9	15320.79981	311.27	86.35	48.830372	-86.926132	55921.04	56240.9	9.14	55930.18	55952.21875	55884.48641	55887.67969	505421.2	5408601.9
L5420.0	505421.2	5408602.9	15320.90039	309.93	86.55	48.830381	-86.926132	55920.26	56240.9	9.14	55929.40	55951.51563	55884.35359	55887.49609	505421.2	5408602.9
L5420.0	505421.2	5408604.2	15321.00000	309.16	86.55	48.830392	-86.926132	55919.20	56240.9	9.14	55928.34	55950.52734	55878.41244	55881.49609	505421.2	5408604.2
L5420.0	505421.2	5408605.4	15321.00000	309.16	86.25	48.830403	-86.926132	55918.79	56240.9	9.14	55927.93	55950.18750	55883.15280	55886.17578	505421.2	5408605.4
L5420.0	505421.2	5408606.6	15321.20020	309.88	86.36	48.830414	-86.926132	55918.12	56240.9	9.14	55927.25	55949.57031	55882.22607	55885.18750	505421.2	5408606.6
L5420.0	505421.2	5408608.2	15321.29981	309.01	86.36	48.830429	-86.926132	55917.61	56240.9	9.13	55926.74	55949.12109	55883.40145	55886.30078	505421.2	5408608.2
L5420.0	505421.2	5408609.6	15321.40039	311.07	85.27	48.830441	-86.926133	55916.85	56240.9	9.13	55925.98	55948.41797	55879.25514	55882.08594	505421.2	5408609.6
L5420.0	505421.2	5408609.6	15321.50000	311.98	86.46	48.830441	-86.926133	55916.42	56240.9	9.13	55925.55	55948.04297	55879.97817	55882.74219	505421.2	5408609.6
L5420.0	505421.2	5408610.9	15321.59961	311.09	86.52	48.830453	-86.926133	55915.76	56240.9	9.13	55924.89	55947.42969	55875.70684	55878.39844	505421.2	5408610.9
L5420.0	505421.2	5408612.3	15321.70020	311.44	86.74	48.830465	-86.926133	55915.46	56240.9	9.13	55924.58	55947.16406	55876.60305	55879.21875	505421.2	5408612.3
L5420.0	505421.2	5408613.2	15321.79981	312.85	86.74	48.830473	-86.926132	55915.18	56240.9	9.12	55924.30	55946.92188	55877.03685	55879.57813	505421.2	5408613.2
L5420.0	505421.2	5408614.6	15321.90039	309.34	85.96	48.830486	-86.926132	55914.95	56240.9	9.12	55924.07	55946.73047	55877.34738	55879.80859	505421.2	5408614.6
L5420.0	505421.2	5408616.5	15322.00000	307.01	84.41	48.830502	-86.926132	55914.77	56240.9	9.12	55923.89	55946.57813	55877.52558	55879.90625	505421.2	5408616.5
L5420.0	505421.2	5408616.5	15322.09961	306.95	85.94	48.830502	-86.926132	55914.39	56240.9	9.12	55923.52	55946.23438	55873.34929	55875.64844	505421.2	5408616.5
L5420.0	505421.2	5408617.8	15322.20020	308.86	85.94	48.830515	-86.926132	55914.32	56240.9	9.12	55923.44	55946.17578	55873.24013	55875.45313	505421.2	5408617.8
L5420.0	505421.2	5408619.0	15322.29981	309.41	85.16	48.830525	-86.926132	55914.27	56240.9	9.13	55923.39	55946.14063	55872.63329	55874.75781	505421.2	5408619.0
L5420.0	505421.2	5408620.1	15322.40039	309.78	82.93	48.830536	-86.926132	55914.47	56240.9	9.13	55923.60	55946.36328	55875.59422	55877.62891	505421.2	5408620.1
L5420.0	505421.2	5408621.5	15322.50000	311.07	81.62	48.830548	-86.926132	55914.57	56240.9	9.13	55923.70	55946.46875	55875.58858	55877.53516	505421.2	5408621.5
L5420.0	505421.2	5408622.9	15322.59961	311.34	81.62	48.830561	-86.926132	55914.65	56240.9	9.13	55923.78	55946.55078	55874.18910	55876.03906	505421.2	5408622.9
L5420.0	505421.2	5408624.3	15322.70020	309.93	83.46	48.830573	-86.926132	55914.82	56240.9	9.13	55923.96	55946.72656	55873.52648	55875.28125	505421.2	5408624.3
L5420.0	505421.2	5408624.3	15322.79981	310.04	83.53	48.830573	-86.926132	55915.38	56240.9	9.14	55924.51	55947.26953	55878.48889	55880.14844	505421.2	5408624.3
L5420.0	505421.2	5408625.8	15322.90039	309.53	83.01	48.830586	-86.926132	55915.58	56240.9	9.14	55924.72	55947.46484	55876.32111	55877.87891	505421.2	5408625.8
L5420.0	505421.2	5408627.1	15323.00000	310.64	83.01	48.830598	-86.926132	55916.26	56240.9	9.14	55925.40	55948.12891	55881.68434	55883.14453	505421.2	5408627.1
L5420.0	505421.2	5408628.5	15323.00000	310.64	80.54	48.830611	-86.926132	55916.77	56240.9	9.14	55925.91	55948.61328	55882.99373	55884.34766	505421.2	5408628.5
L5420.0	505421.2	5408628.5	15323.20020	310.39	78.36	48.830611	-86.926132	55917.36	56240.9	9.14	55926.50	55949.17578	55884.81489	55886.06641	505421.2	5408628.5
L5420.0	505421.2	5408630.8	15323.29981	312.47	78.36	48.830632	-86.926132	55917.61	56240.9	9.14	55926.75	55949.39453	55879.35388	55880.50000	505421.2	5408630.8
L5420.0	505421.1	5408632.2	15323.40039	311.35	78.73	48.830644	-86.926132	55918.11	56240.9	9.14	55927.26	55949.86328	55877.73784	55878.77344	505421.1	5408632.2
L5420.0	505421.1	5408632.2	15323.50000	311.58	80.19	48.830644	-86.926132	55918.59	56240.9	9.14	55927.74	55950.30078	55874.59190	55875.51953	505421.1	5408632.2
L5420.0	505421.1	5408633.9	15323.59961	314.46	83.17	48.830659	-86.926133	55919.40	56240.9	9.15	55928.55	55951.06250	55876.77946	55877.59766	505421.1	5408633.9
L5420.0	505421.1	5408635.3	15323.70020	312.98	82.22	48.830672	-86.926132	55920.16	56240.9	9.15	55929.31	55951.76563	55877.15692	55877.86328	505421.1	5408635.3
L5420.0	505421.1	5408636.7	15323.79981	311.37	82.22	48.830684	-86.926132	55921.25	56240.9	9.15	55930.39	55952.78906	55882.86805	55883.46094	505421.1	5408636.7
L5420.0	505421.1	5408636.7	15323.90039	311.37	82.66	48.830684	-86.926132	55922.06	56240.9	9.15	55931.21	55953.54297	55882.77660	55883.25391	505421.1	5408636.7
L5420.0	505421.2	5408638.0	15324.00000	312.24	83.35	48.830697	-86.926132	55922.99	56240.8	9.15	55932.14	55954.40234	55884.04484	55884.40625	505421.2	5408638.0
L5420.0	505421.1	5408639.4	15324.09961	313.12	81.8	48.830709	-86.926132	55923.90	56240.8	9.15	55933.05	55955.23828	55884.18301	55884.42578	505421.1	5408639.4
L5420.0	505421.2	5408640.9	15324.20020	312.00	81.8	48.830722	-86.926132	55925.12	56240.8	9.15	55934.27	55956.37891	55889.69894	55889.82422	505421.2	5408640.9
L5420.0	505421.2	5408642.0	15324.29981	310.08	81.39	48.830732	-86.926132	55926.34	56240.8	9.15	55935.49	55957.51172	55894.55987	55894.56641	505421.2	5408642.0
L5420.0	505421.2	5408643.1	15324.40039	311.71	76.44	48.830742	-86.926132	55927.77	56240.8	9.15	55936.92	55958.85156	55902.90777	55902.79297	505421.2	5408643.1
L5420.0	505421.2	5408644.3	15324.50000	313.45	78.86	48.830753	-86.926132	55928.66	56240.8	9.15	55937.81	55959.64844	55900.03152	55899.79688	505421.2	5408644.3
L5420.0	505421.2	5408645.5	15324.59961	312.09	78.86	48.830764	-86.926132	55929.67	56240.8	9.15	55938.82	55960.55859	55898.94382	55898.58594	505421.2	5408645.5
L5420.0	505421.2	5408646.8	15324.70020	313.67	82.54	48.830776	-86.926132	55930.84	56240.8	9.15	55939.99	55961.62109	55900.44903	55899.96875	505421.2	5408646.8
L5420.0	505421.2	5408648.1	15324.79981	314.24	82.23	48.830787	-86.926132	55931.92	56240.8	9.15	55941.07	55962.59375	55899.70227	55899.10156	505421.2	5408648.1
L5420.0	505421.2	5408649.2	15324.90039	314.30	82.23	48.830797	-86.926132	55933.14	56240.8	9.15	55942.29	55963.69531	55901.20401	55900.47656	505421.2	5408649.2
L5420.0	505421.2	5408649.2	15325.00000	313.66	83.2	48.830797	-86.926132	55934.61	56240.8	9.15	55943.76	55965.04688	55907.04045	55906.19141	505421.2	5408649.2
L5420.0	505421.1	5408650.8	15325.00000	313.66	83.34	48.830812	-86.926132	55935.99	56240.8	9.15	55945.14	55966.30078	55910.68822	55909.71484	505421.1	5408650.8
L5420.0	505421.1	5408651.9	15325.20020	312.58	83.34	48.830821	-86.926132	55937.48	56240.8	9.15	55946.63	55967.66016	55915.97655	55914.87891	505421.1	5408651.9
L5420.0	505421.1	5408653.3	15325.29981	311.07	82.29	48.830834	-86.926133	55938.86	56240.8	9.15	55948.01	55968.90625	55918.78681	55917.56250	505421.1	5408653.3

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5420.0	505421.1	5408654.7	15325.40039	310.35	82.09	48.830847	-86.926133	55940.34	56240.8	9.15	55949.49	55970.25000	55923.08139	55921.73047	505421.1	5408654.7
L5420.0	505421.1	5408654.7	15325.50000	311.01	80.97	48.830847	-86.926133	55941.71	56240.8	9.15	55950.86	55971.47266	55925.00265	55923.52734	505421.1	5408654.7
L5420.0	505421.1	5408656.3	15325.59961	311.23	80.97	48.830861	-86.926133	55943.13	56240.8	9.15	55952.28	55972.74609	55927.53362	55925.93359	505421.1	5408656.3
L5420.0	505421.1	5408657.5	15325.70020	309.21	84.35	48.830872	-86.926133	55944.34	56240.8	9.15	55953.49	55973.80469	55925.99779	55924.26953	505421.1	5408657.5
L5420.0	505421.1	5408658.9	15325.79981	309.20	84.09	48.830884	-86.926133	55945.66	56240.8	9.15	55954.81	55974.96484	55926.22035	55924.36719	505421.1	5408658.9
L5420.0	505421.0	5408660.1	15325.90039	310.36	84.62	48.830895	-86.926134	55946.90	56240.8	9.15	55956.05	55976.04297	55924.79816	55922.82031	505421.0	5408660.1
L5420.0	505421.0	5408661.5	15326.00000	309.53	84.62	48.830908	-86.926134	55948.49	56240.8	9.15	55957.64	55977.46875	55929.39435	55927.29297	505421.0	5408661.5
L5420.0	505421.0	5408662.9	15326.09961	309.15	84.46	48.830920	-86.926134	55950.14	56240.9	9.15	55959.29	55978.94531	55934.85104	55932.62500	505421.0	5408662.9
L5420.0	505421.0	5408663.8	15326.20020	308.59	84.46	48.830928	-86.926134	55951.86	56240.9	9.15	55961.00	55980.48047	55941.21197	55938.85938	505421.0	5408663.8
L5420.0	505421.0	5408663.8	15326.29981	309.90	85.78	48.830928	-86.926134	55953.30	56240.9	9.14	55962.44	55981.74219	55942.65096	55940.17578	505421.0	5408663.8
L5420.0	505421.0	5408665.2	15326.40039	310.61	86.86	48.830941	-86.926135	55954.69	56240.9	9.14	55963.83	55982.94922	55943.09138	55940.49219	505421.0	5408665.2
L5420.0	505420.9	5408666.4	15326.50000	309.37	86.86	48.830951	-86.926135	55956.13	56240.9	9.14	55965.27	55984.20313	55944.34459	55941.62500	505420.9	5408666.4
L5420.0	505420.9	5408667.7	15326.59961	308.94	86.88	48.830963	-86.926135	55957.57	56240.9	9.14	55966.71	55985.45313	55945.54499	55942.70313	505420.9	5408667.7
L5420.0	505420.9	5408669.1	15326.70020	310.95	88.21	48.830976	-86.926136	55958.94	56240.9	9.14	55968.07	55986.61719	55945.25255	55942.28906	505420.9	5408669.1
L5420.0	505420.9	5408670.2	15326.79981	310.99	88.91	48.830986	-86.926136	55960.66	56240.9	9.13	55969.79	55988.14063	55951.58501	55948.50000	505420.9	5408670.2
L5420.0	505420.9	5408671.2	15326.90039	310.49	88.91	48.830995	-86.926136	55961.88	56240.9	9.13	55971.01	55989.16016	55948.70819	55945.50391	505420.9	5408671.2
L5420.0	505420.8	5408672.4	15327.00000	310.53	86.98	48.831005	-86.926136	55963.62	56240.9	9.13	55972.75	55990.69531	55955.59868	55952.27734	505420.8	5408672.4
L5420.0	505420.8	5408673.7	15327.00000	310.53	91.28	48.831017	-86.926136	55965.21	56240.9	9.13	55974.34	55992.07422	55959.81831	55956.37891	505420.8	5408673.7
L5420.0	505420.8	5408674.8	15327.20020	312.24	91.9	48.831027	-86.926137	55966.75	56240.9	9.13	55975.89	55993.41406	55963.42050	55959.86719	505420.8	5408674.8
L5420.0	505420.8	5408676.2	15327.29981	312.85	91.83	48.831039	-86.926137	55967.99	56240.9	9.13	55977.13	55994.44141	55961.17796	55957.50781	505420.8	5408676.2
L5420.0	505420.8	5408677.0	15327.40039	313.55	91.83	48.831047	-86.926137	55969.41	56240.9	9.13	55978.54	55995.63281	55962.33204	55958.54688	505420.8	5408677.0
L5420.0	505420.8	5408678.1	15327.50000	314.66	90.24	48.831057	-86.926137	55970.70	56240.9	9.13	55979.83	55996.69922	55961.28363	55957.38672	505420.8	5408678.1
L5420.0	505420.7	5408679.3	15327.59961	313.46	87.53	48.831068	-86.926137	55972.09	56240.9	9.14	55981.22	55997.86719	55962.35762	55958.35156	505420.7	5408679.3
L5420.0	505420.7	5408680.4	15327.70020	313.26	87.53	48.831078	-86.926138	55973.64	56240.9	9.14	55982.77	55999.19141	55966.79792	55962.68359	505420.7	5408680.4
L5420.0	505420.7	5408681.6	15327.79981	314.49	89.65	48.831088	-86.926138	55975.15	56240.9	9.14	55984.29	56000.48047	55970.87145	55966.64844	505420.7	5408681.6
L5420.0	505420.7	5408681.6	15327.90039	312.79	85.67	48.831088	-86.926138	55976.49	56240.9	9.14	55985.63	56001.58984	55971.58275	55967.25391	505420.7	5408681.6
L5420.0	505420.7	5408683.8	15328.00000	311.25	85.67	48.831109	-86.926138	55977.84	56240.9	9.14	55986.98	56002.70703	55972.71962	55968.28516	505420.7	5408683.8
L5420.0	505420.7	5408683.8	15328.09961	310.75	85.22	48.831109	-86.926138	55979.18	56240.9	9.14	55988.32	56003.80859	55973.89507	55969.35938	505420.7	5408683.8
L5420.0	505420.6	5408685.2	15328.20020	312.47	85.89	48.831121	-86.926139	55980.44	56240.9	9.15	55989.58	56004.83203	55973.72049	55969.08594	505420.6	5408685.2
L5420.0	505420.6	5408686.4	15328.29981	309.89	85.89	48.831132	-86.926139	55981.86	56240.9	9.15	55991.00	56006.00781	55976.99640	55972.26172	505420.6	5408686.4
L5420.0	505420.6	5408687.1	15328.40039	311.24	88.81	48.831138	-86.926139	55983.24	56240.8	9.15	55992.39	56007.15625	55979.92816	55975.09766	505420.6	5408687.1
L5420.0	505420.6	5408688.4	15328.50000	312.03	87.41	48.831150	-86.926140	55984.66	56240.8	9.15	55993.82	56008.33984	55983.90735	55978.98047	505420.6	5408688.4
L5420.0	505420.6	5408689.5	15328.59961	311.54	88.98	48.831160	-86.926140	55985.95	56240.8	9.16	55995.11	56009.38672	55985.37294	55980.35156	505420.6	5408689.5
L5420.0	505420.5	5408690.9	15328.70020	311.14	88.98	48.831172	-86.926140	55987.22	56240.8	9.16	55996.38	56010.40625	55986.71568	55981.60547	505420.5	5408690.9
L5420.0	505420.5	5408692.0	15328.79981	312.57	90.99	48.831182	-86.926141	55988.36	56240.8	9.16	55997.52	56011.29688	55985.79068	55980.58984	505420.5	5408692.0
L5420.0	505420.5	5408693.2	15328.90039	314.32	89.9	48.831193	-86.926141	55989.70	56240.8	9.17	55998.87	56012.39453	55989.24687	55983.96094	505420.5	5408693.2
L5420.0	505420.4	5408694.8	15329.00000	313.90	89.9	48.831207	-86.926141	55991.01	56240.8	9.17	56000.18	56013.45313	55992.18455	55986.81250	505420.4	5408694.8
L5420.0	505420.4	5408695.9	15329.00000	313.90	90.73	48.831217	-86.926142	55992.36	56240.8	9.17	56001.53	56014.55078	55996.15814	55990.70703	505420.4	5408695.9
L5420.0	505420.4	5408697.3	15329.20020	311.76	90.41	48.831230	-86.926142	55993.59	56240.8	9.17	56002.76	56015.52344	55998.08395	55992.55078	505420.4	5408697.3
L5420.0	505420.4	5408697.3	15329.29981	311.42	90.53	48.831230	-86.926142	55994.86	56240.8	9.17	56004.03	56016.53906	56001.05535	55995.44531	505420.4	5408697.3
L5420.0	505420.4	5408698.7	15329.40039	311.42	90.53	48.831242	-86.926142	55995.74	56240.8	9.17	56004.91	56017.16406	55996.83138	55991.14844	505420.4	5408698.7
L5420.0	505420.3	5408700.9	15329.50000	311.21	91.27	48.831263	-86.926142	55996.90	56240.8	9.17	56006.07	56018.06641	55998.26541	55992.50781	505420.3	5408700.9
L5420.0	505420.3	5408700.9	15329.59961	310.86	89.78	48.831263	-86.926142	55997.94	56240.8	9.17	56007.11	56018.84766	55997.68918	55991.86328	505420.3	5408700.9
L5420.0	505420.3	5408702.3	15329.70020	310.87	91.54	48.831275	-86.926143	55999.00	56240.8	9.17	56008.17	56019.64844	55997.78332	55991.88672	505420.3	5408702.3
L5420.0	505420.3	5408704.0	15329.79981	310.45	91.54	48.831290	-86.926143	56000.20	56240.8	9.17	56009.36	56020.58203	56000.64715	55994.68750	505420.3	5408704.0
L5420.0	505420.3	5408705.3	15329.90039	310.84	92.57	48.831301	-86.926143	56001.48	56240.8	9.17	56010.65	56021.60938	56005.70425	55999.67969	505420.3	5408705.3
L5420.0	505420.3	5408705.3	15330.00000	310.61	93.36	48.831301	-86.926143	56002.49	56240.8	9.17	56011.66	56022.35938	56005.69634	55999.61328	505420.3	5408705.3
L5420.0	505420.3	5408705.3	15330.09961	313.04	93.36	48.831301	-86.926143	56003.66	56240.8	9.17	56012.83	56023.27344	56009.02695	56002.88672	505420.3	5408705.3
L5420.0	505420.3	5408707.5	15330.20020	312.31	94.82	48.831322	-86.926143	56004.54	56240.8	9.17	56013.71	56023.89063	56007.09075	56000.89453	505420.3	5408707.5
L5420.0	505420.4	5408709.3	15330.29981	310.27	95.11	48.831338	-86.926142	56005.50	56240.8	9.17	56014.67	56024.59375	56006.95398	56000.70313	505420.4	5408709.3
L5420.0	505420.4	5408709.3	15330.40039	312.36	85.31	48.831338	-86.926142	56006.46	56240.8	9.17	56015.63	56025.29297	56007.08356	56000.78516	505420.4	5408709.3
L5420.0	505420.4	5408710.8	15330.50000	313.03	92.27	48.831351	-86.926142	56007.73	56240.8	9.17	56016.90	56026.30469	56013.46639	56007.11719	505420.4	5408710.8
L5420.0	505420.4	5408712.1	15330.59961	311.99	92.27	48.831363	-86.926142	56008.56	56240.8	9.16	56017.73	56026.87500	56011.63028	56005.23828	505420.4	5408712.1
L5420.0	505420.4	5408713.5	15330.70020	312.21	96.92	48.831375	-86.926142	56009.83	56240.8	9.16	56019.00	56027.88672	56018.61894	56012.18359	505420.4	5408713.5
L5420.0	505420.4	5408714.4	15330.79981	310.45	99.19	48.831383	-86.926142	56010.56	56240.8	9.16	56019.73	56028.35938	56015.35697	56008.88281	505420.4	5408714.4
L5420.0	505420.4	5408716.2	15330.90039	311.56	99.43	48.831400	-86.926141	56011.78	56240.8	9.16	56020.94	56029.31250	56021.78140	56015.26953	505420.4	5408716.2
L5420.0	505420.4	5408716.2	15331.00000	311.05	99.43	48.831400	-86.926141	56012.26	56240.8	9.16	56021.42	56029.53906	56014.07041	56007.52344	505420.4	5408716.2
L5420.0	505420.4	5408717.8	15331.00000	311.05	99.93	48.831414	-86.926141	56013.24	56240.8	9.16	56022.40	56030.26172	56016.49734	56009.91797	505420.4	5408717.8
L5420.0	505420.5	5408719.1	15331.20020	311.02	99.82	48.831426	-86.926141	56013.95	56240.8	9.17	56023.12	56030.73047	56014.00525	56007.39453	505420.5	5408719.1
L5420.0	505420.5	5408720.5	15331.29981	310.61	99.78	48.831438	-86.926141	56015.27	56240.8	9.17	56024.44	56031.79688	56023.81461	56017.17969	505420.5	5408720.5
L5420.0	505420.5	5408720.5	15331.40039	314.29	99.78	48.831438	-86.926141	56015.85	56240.8	9.17	56025.02	56032.12500	56019.02790	56012.36719	505420.5	5408720.5
L5420.0	505420.5	5408721.9	15331.50000	314.33	90.16	48.831451	-86.926141	56016.96	56240.8	9.18	56026.14	56032.99609	56025.40460	56018.71875	505420.5	5408721.9
L5420.0	505420.5	5408723.2	15331.59961	314.33	90.16	48.831463	-86.926141	56017.52	56240.8	9.18	56026.70	56033.30469	56020.70181	56013.99609	505420.5	5408723.2
L5420.0	505420.5	5408724.4	15331.70020	314.36	91.3	48.831473	-86.926141	56018.41	56240.8	9.18	56027.59	56033.94922	56022.95627	56016.23438	505420.5	5408724.4
L5420.0	505420.4	5408725.8	15331.79981	313.80	101.43	48.831486	-86.926141	56018.84	56240.8	9.18	56028.02	56034.13281	56016.08746	56009.35156	505420.4	5408725.8
L5420.0	505420.4	5408726.7	15331.90039	314.32	100.09	48.831494	-86.926141	56019.92	56240.8	9.19	56029.11	56034.97656	56022.95833	56016.21094	505420.4	5408726.7
L5420.0	505420.4	5408728.3	15332.00000	313.25	100.09	48.831508	-86.926141	56020.61	56240.8	9.19	56029.80	56035.42578	56021.91752	56015.16016	505420.4	5408728.3
L5420.0	505420.4	5408729.4	15332.09961	312.51	98.34	48.831518	-86.926141	56021.48	56240.8	9.19	56030.67	56036.05078	56024.82905	56018.06250	505420.4	5408729.4
L5420.0	505420.4	5408729.4	15332.20020	312.54	95.6	48.831518	-86.926141	56022.07	56240.8	9.19	56031.26	56036.40234	56022.26009	56015.48828	505420.4	5408729.4
L5420.0	505420.4	5408730.8	15332.29981	312.76	95.6	48.831531	-86.926141	56022.88	56240.8	9.19	56032.07	56036.97656	56024.47176	56017.69531	505420.4	5408730.8
L5420.0	505420.4	5408732.1	15332.40039	312.91	93.26	48.831543	-86.926141	56023.66	56240.8	9.19	56032.85	56037.51953	56026.33534	56019.55859	505420.4	5408732.1
L5420.0	505420.4	5408733.4	15332.50000	310.96	93.26	48.831554	-86.926141	56024.68	56240.8	9.18	56033.86	56038.29688	56033.19351	56026.41797	505420.4	5408733.4
L5420.0	505420.4	5408734.9	15332.59961	311.45	94.7	48.831568	-86.926142	56025.16	56240.8	9.18	56034.34	56038.54688	56029.42910	56022.65625	505420.4	5408734.9
L5420.0	505420.4	5408736.1	15332.70020	312.33	97.87	48.831578	-86.926142	56026.47	56240.8	9.18	56035.66	56039.63672	56043.17454	56036.40625	505420.4	5408736.1
L5420.0	505420.4	5408736.1	15332.79981	314.32	97.87	48.831578	-86.926142	56027.06	56240.8	9.18	56036.24	56039.98828	56041.99251	56035.23047	505420.4	5408736.1
L5420.0	505420.4	5408737.5	15332.90039	313.53	92.01	48.831592	-86.926142	56027.69	56240.8	9.18	56036.87	56040.39453	56042.10586	56035.35547	505420.4	5408737.5
L5420.0	505420.4	5408738.8	15333.00000	312.64	91.65	48.831603	-86.926142	56028.12	56240.8	9.18	56037.30	56040.60156	56038.41119	56031.66797	505420.4	5408738.8
L5420.0	505420.4	5408738.8	15333.00000	312.64	93.75	48.831603	-86.926142	56028.63	56240.8	9.18	56037.81	56040.89063	56036.63509	56029.90625	505420.4	5408738.8
L5420.0	505420.3	5408740.7	15333.20020	315.08	94.83	48.831620	-86.926142	56029.18	56240.8	9.18	56038.36	56041.22266	56035.95381	56029.23828	505420.3	5408740.7
L5420.0	505420.3	5408741.8	15333.29981	312.78	94.83	48.831630	-86.926142	56029.86	56240.8	9.17	56039.04	56041.68750	56038.18338	56031.48438	505420.3	5408741.8
L5420.0	505420.3	5408742.8	15333.40039	312.25	94.89	48.831639	-86.926142	56030.46	56240.8	9.17	56039.64	56042.07422	56039.06141	56032.38281	505420.3	5408742.8
L5420.0	505420.3	5408744.2	15333.50000	310.89	94.89	48.831651	-86.926143	56031.08	56240.8	9.17	56040.25	56042.47266	56040.41299	56033.75391	505420.3	5408744.2
L5420.0	505420.3	5408745.8	15333.59961	312.25	97.87	48.831666	-86.926143	56031.56	56240.8	9.17	56040.73	56042.74609	56039.41593	56032.77734	505420.3	5408745.8
L5420.0	505420.3	5408747.3	15333.70020	311.70	97.87	48.831680	-86.926143	56031.98	56240.8	9.17	56041.15	56042.96094	56037.49099	56030.87500	505420.3	5408747.3
L5420.0	505420.3	5408747.3	15333.79981	310.83	98.25	48.831680	-86.926143	56032.60	56240.8	9.16	56041.76	56043.36719	56039.66053	56033.07031	505420.3	5408747.3
L5420.0	505420.2	5408748.6	15333.90039	312.90	99.28	48.831691	-86.926143	56033.00	56240.8	9.16	56042.16	56043.57031	56037.89159	56031.32422	505420.2	5408748.6
L5420.0	505420.2	5408749.7	15334.00000	312.48	99.28	48.831701	-86.926143	56033.51	56240.8	9.16	56042.67	56043.88281	56038.60087	56032.05859	505420.2	5408749.7
L5420.0	505420.2	5408751.1	15334.09961	312.10	98.87	48.831714	-86.926144	56033.93	56240.8	9.16	56043.09	56044.10938	56037.78845	56031.27734	505420.2	5408751.1
L5420.0	505420.2	5408752.4	15334.20020	313.04	91.22	48.831725	-86.926144	56034.42	56240.8	9.16	56043.58	56044.40625	56038.63788	56032.15625	505420.2	5408752.4
L5420.0	505420.2	5408753.5	15334.29981	315.84	91.52	48.831736	-86.926144	56034.87	56240.8	9.16	56044.03	56044.66797	56038.95790	56032.50391	505420.2	5408753.5
L5420.0	505420.2	5408753.5	15334.40039	314.79	91.52	48.831736	-86.926144	56035.40	56240.8	9.16	56044.56	56045.01172	56041.10466	56034.68359	505420.2	5408753.5
L5420.0	505420.2	5408754.9	15334.50000	314.40	98.24	48.831748	-86.926144	56035.81	56240.8	9.16	56044.97	56045.23828	56041.14452	56034.75391	505420.2	5408754.9
L5420.0	505420.1	5408756.5	15334.59961	312.60	98.24	48.831762	-86.926145	56036.59	56240.8	9.16	56045.75	56045.83594	56048.62598	56042.26953	505420.1	5408756.5

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5420.0	505420.1	5408757.8	15334.70020	311.64	96.25	48.831774	-86.926145	56036.67	56240.8	9.16	56045.83	56045.73828	56042.73785	56036.41406	505420.1	5408757.8
L5420.0	505420.1	5408759.3	15334.79981	310.85	95.7	48.831787	-86.926145	56037.18	56240.8	9.16	56046.34	56046.07422	56045.43170	56039.14453	505420.1	5408759.3
L5420.0	505420.1	5408760.7	15334.90039	309.31	95.7	48.831800	-86.926145	56037.38	56240.8	9.16	56046.54	56046.10547	56042.36870	56036.11719	505420.1	5408760.7
L5420.0	505420.1	5408760.7	15335.00000	309.97	88.11	48.831800	-86.926145	56038.16	56240.8	9.16	56047.32	56046.71484	56050.71538	56044.50000	505420.1	5408760.7
L5420.0	505420.1	5408761.8	15335.00000	309.97	89.91	48.831810	-86.926145	56038.36	56240.8	9.16	56047.52	56046.75000	56048.10499	56041.92578	505420.1	5408761.8
L5420.0	505420.1	5408763.4	15335.20020	312.16	89.91	48.831824	-86.926145	56038.99	56240.8	9.16	56048.16	56047.22656	56054.20311	56048.06250	505420.1	5408763.4
L5420.0	505420.1	5408764.9	15335.29981	311.50	95.77	48.831837	-86.926145	56039.13	56240.8	9.17	56048.29	56047.19531	56050.67380	56044.57031	505420.1	5408764.9
L5420.0	505420.1	5408764.9	15335.40039	312.30	96.47	48.831837	-86.926145	56039.52	56240.8	9.17	56048.69	56047.43750	56052.57669	56046.51172	505420.1	5408764.9
L5420.0	505420.1	5408767.3	15335.50000	311.03	96.47	48.831859	-86.926145	56039.55	56240.8	9.17	56048.72	56047.31641	56047.48164	56041.45313	505420.1	5408767.3
L5420.0	505420.1	5408767.3	15335.59961	309.79	90.94	48.831859	-86.926145	56039.90	56240.8	9.17	56049.07	56047.51172	56048.80858	56042.81641	505420.1	5408767.3
L5420.0	505420.1	5408768.9	15335.70020	309.24	90.94	48.831874	-86.926146	56039.88	56240.8	9.17	56049.05	56047.34375	56043.06126	56037.10938	505420.1	5408768.9
L5420.0	505420.1	5408770.3	15335.79981	308.94	92.95	48.831886	-86.926146	56040.18	56240.8	9.18	56049.36	56047.50781	56043.97531	56038.06250	505420.1	5408770.3
L5420.0	505420.1	5408771.9	15335.90039	308.82	94.15	48.831901	-86.926145	56040.28	56240.8	9.18	56049.46	56047.46875	56040.92889	56035.05469	505420.1	5408771.9
L5420.0	505420.1	5408773.0	15336.00000	310.57	94.15	48.831911	-86.926145	56040.91	56240.8	9.18	56050.09	56047.95703	56048.55931	56042.72266	505420.1	5408773.0
L5420.0	505420.1	5408773.0	15336.09961	312.51	96.32	48.831911	-86.926145	56041.13	56240.8	9.18	56050.31	56048.03906	56048.25480	56042.45703	505420.1	5408773.0
L5420.0	505420.1	5408774.6	15336.20020	314.45	96.32	48.831925	-86.926145	56041.56	56240.8	9.18	56050.74	56048.33594	56052.26773	56046.51172	505420.1	5408774.6
L5420.0	505420.1	5408776.3	15336.29981	313.20	95.89	48.831940	-86.926145	56041.42	56240.8	9.19	56050.60	56048.06641	56045.20916	56039.48828	505420.1	5408776.3
L5420.0	505420.1	5408777.9	15336.40039	312.61	95.89	48.831955	-86.926145	56041.66	56240.8	9.19	56050.84	56048.17578	56045.80655	56040.12500	505420.1	5408777.9
L5420.0	505420.1	5408777.9	15336.50000	313.17	96.03	48.831955	-86.926145	56041.88	56240.8	9.19	56051.07	56048.28125	56046.35618	56040.71094	505420.1	5408777.9
L5420.0	505420.1	5408779.6	15336.59961	313.55	94.97	48.831970	-86.926144	56042.31	56240.8	9.19	56051.50	56048.58984	56050.94350	56045.33594	505420.1	5408779.6
L5420.0	505420.2	5408780.9	15336.70020	313.89	94.97	48.831981	-86.926144	56042.43	56240.8	9.19	56051.63	56048.60156	56049.82083	56044.25000	505420.2	5408780.9
L5420.0	505420.2	5408781.8	15336.79981	313.29	88.37	48.831990	-86.926144	56042.86	56240.8	9.20	56052.06	56048.91406	56054.67296	56049.14063	505420.2	5408781.8
L5420.0	505420.2	5408783.4	15336.90039	311.95	89.78	48.832004	-86.926144	56042.82	56240.8	9.20	56052.01	56048.75000	56050.32300	56044.82422	505420.2	5408783.4
L5420.0	505420.2	5408783.4	15337.00000	311.85	89.78	48.832004	-86.926144	56043.17	56240.8	9.20	56052.37	56048.99609	56054.09351	56048.62891	505420.2	5408783.4
L5420.0	505420.2	5408784.8	15337.00000	311.85	89.78	48.832017	-86.926143	56043.07	56240.8	9.20	56052.27	56048.78906	56049.00276	56043.57422	505420.2	5408784.8
L5420.0	505420.2	5408786.4	15337.20020	306.29	89.58	48.832031	-86.926143	56042.99	56240.8	9.20	56052.19	56048.60156	56044.38030	56038.98438	505420.2	5408786.4
L5420.0	505420.2	5408786.4	15337.29981	303.38	94.79	48.832031	-86.926143	56043.02	56240.8	9.20	56052.22	56048.52734	56042.00058	56036.63672	505420.2	5408786.4
L5420.0	505420.2	5408787.8	15337.40039	301.69	97.59	48.832044	-86.926143	56043.50	56240.8	9.20	56052.69	56048.89844	56048.50831	56043.17578	505420.2	5408787.8
L5420.0	505420.2	5408789.2	15337.50000	303.36	93.66	48.832057	-86.926143	56043.55	56240.8	9.19	56052.74	56048.85156	56046.76175	56041.46094	505420.2	5408789.2
L5420.0	505420.2	5408790.6	15337.59961	306.64	93.66	48.832069	-86.926143	56043.67	56240.8	9.19	56052.87	56048.88281	56046.73201	56041.46094	505420.2	5408790.6
L5420.0	505420.2	5408792.1	15337.70020	307.51	91.45	48.832082	-86.926143	56043.93	56240.8	9.19	56053.12	56049.03906	56049.30129	56044.05859	505420.2	5408792.1
L5420.0	505420.2	5408792.1	15337.79981	311.53	91.45	48.832082	-86.926143	56044.13	56240.8	9.19	56053.32	56049.14844	56051.00933	56045.79297	505420.2	5408792.1
L5420.0	505420.3	5408793.5	15337.90039	313.76	97.79	48.832095	-86.926143	56044.28	56240.8	9.19	56053.47	56049.21094	56051.82543	56046.63672	505420.3	5408793.5
L5420.0	505420.3	5408795.0	15338.00000	315.38	98.03	48.832109	-86.926142	56044.38	56240.8	9.19	56053.57	56049.22656	56051.71292	56046.55078	505420.3	5408795.0
L5420.0	505420.3	5408795.8	15338.09961	315.61	98.03	48.832116	-86.926142	56044.44	56240.8	9.19	56053.63	56049.20313	56050.84975	56045.71094	505420.3	5408795.8
L5420.0	505420.3	5408797.2	15338.20020	316.88	98.16	48.832129	-86.926142	56044.51	56240.8	9.19	56053.70	56049.19141	56050.31259	56045.19531	505420.3	5408797.2
L5420.0	505420.3	5408798.7	15338.29981	317.42	98.43	48.832141	-86.926142	56044.62	56240.8	9.19	56053.80	56049.21484	56050.56536	56045.47266	505420.3	5408798.7
L5420.0	505420.3	5408800.1	15338.40039	316.37	98.33	48.832154	-86.926142	56044.73	56240.8	9.19	56053.92	56049.25781	56051.41185	56046.33594	505420.3	5408800.1
L5420.0	505420.3	5408801.1	15338.50000	316.44	98.33	48.832164	-86.926142	56044.91	56240.8	9.18	56054.10	56049.36328	56053.78384	56048.72656	505420.3	5408801.1
L5420.0	505420.3	5408801.1	15338.59961	317.93	94.84	48.832164	-86.926142	56044.96	56240.8	9.18	56054.15	56049.33984	56053.32404	56048.28516	505420.3	5408801.1
L5420.0	505420.3	5408802.6	15338.70020	318.34	98.04	48.832177	-86.926141	56045.27	56240.8	9.18	56054.45	56049.57031	56058.76063	56053.73828	505420.3	5408802.6
L5420.0	505420.3	5408804.2	15338.79981	315.46	99.29	48.832192	-86.926141	56045.12	56240.8	9.18	56054.30	56049.35547	56053.93433	56048.92578	505420.3	5408804.2
L5420.0	505420.3	5408805.9	15338.90039	314.42	99.29	48.832206	-86.926141	56045.22	56240.8	9.18	56054.40	56049.39063	56054.99029	56049.99609	505420.3	5408805.9
L5420.0	505420.3	5408805.9	15339.00000	313.76	100.25	48.832206	-86.926141	56045.06	56240.8	9.18	56054.24	56049.16797	56050.28737	56045.30469	505420.3	5408805.9
L5420.0	505420.4	5408807.7	15339.00000	313.76	100.25	48.832223	-86.926141	56045.07	56240.8	9.18	56054.25	56049.11328	56049.63483	56044.66406	505420.4	5408807.7
L5420.0	505420.4	5408809.1	15339.20020	314.32	101.81	48.832236	-86.926141	56044.86	56240.8	9.19	56054.05	56048.85547	56044.67381	56039.71094	505420.4	5408809.1
L5420.0	505420.4	5408810.9	15339.29981	314.35	101.81	48.832252	-86.926141	56044.89	56240.8	9.19	56054.08	56048.82813	56044.93742	56039.98047	505420.4	5408810.9
L5420.0	505420.4	5408810.9	15339.40039	315.42	100.39	48.832252	-86.926141	56044.87	56240.8	9.19	56054.06	56048.75391	56044.36069	56039.41016	505420.4	5408810.9
L5420.0	505420.3	5408813.4	15339.50000	319.87	100.39	48.832274	-86.926141	56045.14	56240.8	9.19	56054.34	56048.98047	56049.62475	56044.67578	505420.3	5408813.4
L5420.0	505420.3	5408813.4	15339.59961	317.52	100.4	48.832274	-86.926141	56045.02	56240.8	9.20	56054.21	56048.79688	56047.19928	56042.25391	505420.3	5408813.4
L5420.0	505420.3	5408814.9	15339.70020	314.23	100.4	48.832288	-86.926141	56045.12	56240.8	9.20	56054.32	56048.85938	56049.17174	56044.22656	505420.3	5408814.9
L5420.0	505420.3	5408814.9	15339.79981	311.99	100.4	48.832288	-86.926141	56045.04	56240.8	9.20	56054.24	56048.73047	56048.02020	56043.07422	505420.3	5408814.9
L5420.0	505420.3	5408816.4	15339.90039	308.60	100.37	48.832301	-86.926141	56045.40	56240.8	9.21	56054.61	56049.05469	56053.73422	56048.78125	505420.3	5408816.4
L5420.0	505420.3	5408818.1	15340.00000	305.14	100.37	48.832316	-86.926141	56045.39	56240.8	9.21	56054.60	56049.00000	56053.54350	56048.58594	505420.3	5408818.1
L5420.0	505420.3	5408819.6	15340.09961	302.41	100.37	48.832330	-86.926141	56045.68	56240.8	9.21	56054.89	56049.25000	56063.34821	56058.38672	505420.3	5408819.6
L5420.0	505420.3	5408820.9	15340.20020	298.86	100.37	48.832341	-86.926141	56045.39	56240.8	9.21	56054.61	56048.92578	56055.11851	56050.14844	505420.3	5408820.9
L5420.0	505420.3	5408822.3	15340.29981	297.98	100.37	48.832354	-86.926141	56045.49	56240.8	9.22	56054.71	56048.98828	56058.06092	56053.07813	505420.3	5408822.3
L5420.0	505420.3	5408822.3	15340.40039	299.54	100.37	48.832354	-86.926141	56045.34	56240.8	9.22	56054.56	56048.80078	56054.40393	56049.41016	505420.3	5408822.3
L5420.0	505420.3	5408824.2	15340.50000	300.04	100.37	48.832371	-86.926142	56045.27	56240.8	9.22	56054.49	56048.69531	56053.08440	56048.07813	505420.3	5408824.2
L5420.0	505420.3	5408824.2	15340.59961	299.06	100.37	48.832371	-86.926142	56044.98	56240.8	9.22	56054.21	56048.37891	56045.88203	56040.85938	505420.3	5408824.2
L5420.0	505420.3	5408825.7	15340.70020	299.57	100.37	48.832384	-86.926142	56045.02	56240.8	9.22	56054.24	56048.37500	56047.11238	56042.07422	505420.3	5408825.7
L5420.0	505420.3	5408827.2	15340.79981	298.87	100.37	48.832399	-86.926142	56044.81	56240.8	9.23	56054.04	56048.14453	56046.05372	56040.99609	505420.3	5408827.2
L5420.0	505420.3	5408828.5	15340.90039	296.70	100.37	48.832410	-86.926142	56044.96	56240.8	9.23	56054.19	56048.26172	56047.90834	56042.82813	505420.3	5408828.5
L5420.0	505420.3	5408829.8	15341.00000	296.97	100.37	48.832422	-86.926142	56044.89	56240.8	9.23	56054.12	56048.16406	56046.44539	56041.34375	505420.3	5408829.8
L5420.0	505420.3	5408829.8	15341.00000	296.97	100.37	48.832422	-86.926142	56045.04	56240.8	9.23	56054.27	56048.28516	56048.71970	56043.59375	505420.3	5408829.8
L5420.0	505420.3	5408831.2	15341.20020	303.47	100.37	48.832434	-86.926142	56044.98	56240.8	9.23	56054.21	56048.19922	56047.37197	56042.21875	505420.3	5408831.2
L5420.0	505420.3	5408832.9	15341.29981	308.25	100.37	48.832449	-86.926142	56045.24	56240.8	9.23	56054.47	56048.43359	56052.72086	56047.54297	505420.3	5408832.9
L5420.0	505420.3	5408834.4	15341.40039	313.51	100.37	48.832463	-86.926142	56045.17	56240.8	9.23	56054.39	56048.33203	56051.20624	56045.99609	505420.3	5408834.4
L5420.0	505420.3	5408834.4	15341.50000	318.81	100.37	48.832463	-86.926142	56045.09	56240.8	9.23	56054.32	56048.23828	56049.75184	56044.51172	505420.3	5408834.4
L5420.0	505420.3	5408835.7	15341.59961	321.59	100.37	48.832475	-86.926141	56045.24	56240.8	9.22	56054.47	56048.36719	56051.29879	56046.02734	505420.3	5408835.7
L5420.0	505420.3	5408837.2	15341.70020	327.40	100.37	48.832489	-86.926141	56045.19	56240.8	9.22	56054.41	56048.28516	56050.49606	56045.18750	505420.3	5408837.2
L5420.0	505420.3	5408838.5	15341.79981	327.79	100.37	48.832500	-86.926141	56045.04	56240.8	9.22	56054.26	56048.11719	56047.90239	56042.55859	505420.3	5408838.5
L5420.0	505420.3	5408840.2	15341.90039	328.04	100.37	48.832515	-86.926141	56044.89	56240.8	9.22	56054.11	56047.94922	56045.08628	56039.70703	505420.3	5408840.2
L5420.0	505420.3	5408840.2	15342.00000	329.66	100.37	48.832515	-86.926141	56044.89	56240.8	9.22	56054.11	56047.92969	56045.36719	56039.94531	505420.3	5408840.2
L5420.0	505420.3	5408841.5	15342.09961	331.90	100.37	48.832527	-86.926141	56044.79	56240.8	9.22	56054.01	56047.81250	56043.51380	56038.05078	505420.3	5408841.5
L5420.0	505420.3	5408842.8	15342.20020	331.92	130	48.832538	-86.926141	56044.68	56240.8	9.23	56053.91	56047.69922	56041.63567	56036.13281	505420.3	5408842.8
L5420.0	505420.3	5408844.4	15342.29981	332.39	130	48.832553	-86.926141	56044.54	56240.8	9.23	56053.77	56047.54297	56038.77509	56033.22656	505420.3	5408844.4
L5420.0	505420.3	5408844.4	15342.40039	333.33	130	48.832553	-86.926141	56044.61	56240.8	9.24	56053.85	56047.60938	56042.06796	56036.47656	505420.3	5408844.4
L5420.0	505420.4	5408845.7	15342.50000	334.72	130	48.832565	-86.926141	56044.52	56240.8	9.24	56053.76	56047.50781	56040.81709	56035.17578	505420.4	5408845.7
L5420.0	505420.4	5408847.3	15342.59961	335.40	130	48.832579	-86.926140	56044.54	56240.8	9.24	56053.78	56047.51563	56041.88355	56036.19531	505420.4	5408847.3
L5420.0	505420.4	5408848.6	15342.70020	334.41	130	48.832591	-86.926140	56044.44	56240.8	9.25	56053.69	56047.41406	56040.80685	56035.07031	505420.4	5408848.6
L5420.0	505420.4	5408849.9	15342.79981	331.96	130	48.832603	-86.926140	56044.61	56240.7	9.25	56053.86	56047.57422	56045.21362	56039.42578	505420.4	5408849.9
L5420.0	505420.4	5408850.8	15342.90039	329.82	130	48.832610	-86.926140	56044.48	56240.7	9.26	56053.74	56047.44531	56043.68493	56037.84375	505420.4	5408850.8
L5420.0	505420.4	5408852.3	15343.00000	328.70	130	48.832624	-86.926140	56044.44	56240.7	9.26	56053.70	56047.39844	56043.88632	56037.99219	505420.4	5408852.3
L5420.0	505420.4	5408853.7	15343.00000	328.70	130	48.832637	-86.926139	56044.36	56240.7	9.26	56053.62	56047.30859	56043.32115	56037.37109	505420.4	5408853.7
L5420.0	505420.4	5408853.7	15343.20020	327.91	130	48.832637	-86.926139	56044.66	56240.7	9.26	56053.92	56047.60156	56050.62258	56044.61719	505420.4	5408853.7
L5420.0	505420.5	5408855.3	15343.29981	328.02	130	48.832651	-86.926139	56044.16	56240.7	9.26	56053.42	56047.09766	56041.57144	56035.50781	505420.5	5408855.3
L5420.0	505420.5	5408856.2	15343.40039	331.15	130	48.832659	-86.926139	56044.11	56240.7	9.26	56053.37	56047.03906	56041.80725	56035.68750	505420.5	5408856.2
L5420.0	505420.5	5408857.5	15343.50000	329.35	130	48.832670	-86.926138	56043.77	56240.7	9.26	56053.03	56046.69531	56036.33444	56030.15234	505420.5	5408857.5
L5420.0	505420.5	5408858.7	15343.59961	327.10	130	48.832682	-86.926138	56044.00	56240.7	9.26	56053.26	56046.92188	56042.20212	56035.96094	505420.5	5408858.7
L5420.0	505420.6	5408859.8	15343.70020	326.92	130	48.832692	-86.926138	56043.73	56240.7	9.26	56052.99	56046.64844	56037.91574	56031.61328	505420.6	5408859.8
L5420.0	505420.6	5408861.0	15343.79981	327.72	130	48.832702	-86.926137	56044.08	56240.7	9.26	56053.34	56046.99219	56048.24050	56041.87500	505420.6	5408861.0
L5420.0	505420.6	5408862.4	15343.90039	326.32	130	48.832715	-86.926137	56043.83	56240.7	9.26	56053.09	56046.74219	56043.89414	56037.46484	505420.6	5408862.4

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5420.0	505420.6	5408864.0	15344.00000	325.72	130	48.832729	-86.926137	56044.11	56240.7	9.26	56053.37	56047.01953	56052.18332	56045.69141	505420.6	5408864.0
L5420.0	505420.6	5408865.2	15344.09961	324.78	130	48.832740	-86.926136	56043.67	56240.7	9.26	56052.93	56046.57813	56043.59474	56037.03516	505420.6	5408865.2
L5420.0	505420.6	5408865.2	15344.20020	324.23	130	48.832740	-86.926136	56043.81	56240.7	9.26	56053.07	56046.71875	56048.47476	56041.85156	505420.6	5408865.2
L5420.0	505420.7	5408866.3	15344.29981	323.72	130	48.832750	-86.926136	56043.42	56240.7	9.26	56052.68	56046.32813	56041.43405	56034.74219	505420.7	5408866.3
L5420.0	505420.7	5408868.2	15344.40039	321.06	130	48.832767	-86.926136	56043.45	56240.7	9.26	56052.71	56046.35938	56043.82952	56037.07031	505420.7	5408868.2
L5420.0	505420.7	5408869.4	15344.50000	320.76	130	48.832778	-86.926136	56043.07	56240.7	9.26	56052.33	56045.97656	56037.41643	56030.58984	505420.7	5408869.4
L5420.0	505420.7	5408870.6	15344.59961	321.83	130	48.832789	-86.926136	56043.19	56240.7	9.27	56052.46	56046.10938	56041.94212	56035.04688	505420.7	5408870.6
L5420.0	505420.7	5408870.6	15344.70020	321.12	130	48.832789	-86.926136	56043.02	56240.7	9.27	56052.29	56045.94141	56040.17577	56033.21484	505420.7	5408870.6
L5420.0	505420.7	5408872.3	15344.79981	322.39	130	48.832804	-86.926136	56043.20	56240.7	9.27	56052.46	56046.11328	56045.31393	56038.28125	505420.7	5408872.3
L5420.0	505420.7	5408873.6	15344.90039	324.14	130	48.832816	-86.926135	56042.92	56240.7	9.27	56052.19	56045.84766	56041.64620	56034.54297	505420.7	5408873.6
L5420.0	505420.7	5408874.7	15345.00000	322.35	130	48.832825	-86.926135	56042.94	56240.7	9.27	56052.21	56045.87109	56043.71313	56036.54297	505420.7	5408874.7
L5420.0	505420.7	5408874.7	15345.00000	322.35	130	48.832825	-86.926135	56042.56	56240.7	9.27	56051.83	56045.49219	56038.24306	56031.00000	505420.7	5408874.7
L5420.0	505420.8	5408876.7	15345.20020	321.89	130	48.832843	-86.926135	56042.38	56240.7	9.27	56051.65	56045.31641	56036.70665	56029.39453	505420.8	5408876.7
L5420.0	505420.8	5408877.9	15345.29981	320.49	130	48.832855	-86.926134	56042.29	56240.7	9.27	56051.56	56045.23047	56036.87791	56029.49609	505420.8	5408877.9
L5420.0	505420.8	5408879.4	15345.40039	318.27	130	48.832867	-86.926134	56042.41	56240.7	9.27	56051.68	56045.35547	56040.70942	56033.25391	505420.8	5408879.4
L5420.0	505420.8	5408881.0	15345.50000	316.41	130	48.832882	-86.926133	56042.31	56240.7	9.27	56051.58	56045.26172	56039.53203	56032.00781	505420.8	5408881.0
L5420.0	505420.8	5408881.0	15345.59961	312.72	130	48.832882	-86.926133	56042.48	56240.7	9.27	56051.75	56045.43750	56046.39793	56038.80078	505420.8	5408881.0
L5420.0	505420.9	5408882.7	15345.70020	309.95	130	48.832898	-86.926133	56042.26	56240.7	9.27	56051.53	56045.22266	56043.00215	56035.33594	505420.9	5408882.7
L5420.0	505420.9	5408883.8	15345.79981	312.19	130	48.832907	-86.926133	56042.51	56240.7	9.27	56051.78	56045.48047	56051.38472	56043.64453	505420.9	5408883.8
L5420.0	505420.9	5408885.2	15345.90039	312.04	130	48.832920	-86.926132	56042.34	56240.7	9.27	56051.61	56045.31641	56049.26304	56041.45313	505420.9	5408885.2
L5420.0	505420.9	5408886.5	15346.00000	312.23	130	48.832932	-86.926132	56042.48	56240.7	9.27	56051.75	56045.46484	56054.43056	56046.55078	505420.9	5408886.5
L5420.0	505420.9	5408886.5	15346.09961	314.22	130	48.832932	-86.926132	56042.26	56240.7	9.27	56051.53	56045.25000	56051.25310	56043.30078	505420.9	5408886.5
L5420.0	505420.9	5408888.0	15346.20020	314.78	130	48.832945	-86.926132	56042.11	56240.7	9.27	56051.38	56045.10938	56049.81397	56041.79297	505420.9	5408888.0
L5420.0	505420.9	5408889.3	15346.29981	314.56	130	48.832957	-86.926132	56041.68	56240.7	9.27	56050.95	56044.68750	56042.77633	56034.68359	505420.9	5408889.3
L5420.0	505420.9	5408890.3	15346.40039	314.59	130	48.832966	-86.926132	56041.68	56240.7	9.27	56050.95	56044.69531	56044.79938	56036.63672	505420.9	5408890.3
L5420.0	505420.9	5408891.5	15346.50000	311.82	130	48.832977	-86.926132	56041.48	56240.7	9.27	56050.75	56044.50781	56042.95904	56034.73047	505420.9	5408891.5
L5420.0	505420.9	5408892.9	15346.59961	309.77	130	48.832989	-86.926132	56041.47	56240.7	9.27	56050.74	56044.50781	56044.69473	56036.39844	505420.9	5408892.9
L5420.0	505420.9	5408894.5	15346.70020	310.74	130	48.833004	-86.926132	56041.27	56240.7	9.27	56050.54	56044.31641	56043.07177	56034.70703	505420.9	5408894.5
L5420.0	505420.9	5408896.2	15346.79981	309.32	130	48.833019	-86.926133	56041.32	56240.7	9.27	56050.59	56044.37500	56045.64279	56037.21094	505420.9	5408896.2
L5420.0	505420.9	5408896.2	15346.90039	309.30	130	48.833019	-86.926133	56041.18	56240.7	9.27	56050.45	56044.24609	56045.03288	56036.53125	505420.9	5408896.2
L5420.0	505420.8	5408897.3	15347.00000	310.38	130	48.833029	-86.926133	56041.34	56240.7	9.27	56050.61	56044.41797	56049.01939	56040.45313	505420.8	5408897.3
L5420.0	505420.8	5408898.6	15347.00000	310.38	130	48.833041	-86.926133	56041.07	56240.7	9.27	56050.34	56044.16016	56046.36493	56037.73438	505420.8	5408898.6
L5420.0	505420.8	5408900.1	15347.20020	305.93	130	48.833054	-86.926134	56040.94	56240.7	9.28	56050.22	56044.05078	56045.98100	56037.28516	505420.8	5408900.1
L5420.0	505420.8	5408901.8	15347.29981	307.35	130	48.833070	-86.926134	56040.74	56240.7	9.28	56050.02	56043.86328	56044.33555	56035.57422	505420.8	5408901.8
L5420.0	505420.8	5408901.8	15347.40039	305.93	130	48.833070	-86.926134	56040.74	56240.7	9.29	56050.02	56043.87500	56045.73441	56036.91016	505420.8	5408901.8
L5420.0	505420.7	5408902.7	15347.50000	302.61	130	48.833077	-86.926134	56040.72	56240.7	9.29	56050.01	56043.87891	56047.05497	56038.17188	505420.7	5408902.7
L5420.0	505420.7	5408904.4	15347.59961	299.77	130	48.833092	-86.926135	56040.56	56240.7	9.29	56049.86	56043.74219	56046.11820	56037.17188	505420.7	5408904.4
L5420.0	505420.7	5408905.6	15347.70020	299.49	130	48.833104	-86.926135	56040.54	56240.7	9.30	56049.83	56043.72656	56047.27475	56038.26953	505420.7	5408905.6
L5420.0	505420.7	5408907.0	15347.79981	299.43	130	48.833117	-86.926136	56040.56	56240.7	9.30	56049.86	56043.76953	56049.75137	56040.68750	505420.7	5408907.0
L5420.0	505420.6	5408908.4	15347.90039	301.51	130	48.833129	-86.926136	56040.34	56240.7	9.31	56049.65	56043.57422	56047.74680	56038.62500	505420.6	5408908.4
L5420.0	505420.6	5408908.4	15348.00000	307.56	130	48.833129	-86.926136	56040.28	56240.7	9.31	56049.59	56043.53125	56048.76448	56039.58594	505420.6	5408908.4
L5420.0	505420.6	5408909.9	15348.09961	313.52	130	48.833142	-86.926136	56040.01	56240.7	9.31	56049.32	56043.27734	56045.23792	56036.00781	505420.6	5408909.9
L5420.0	505420.6	5408911.2	15348.20020	316.05	130	48.833154	-86.926136	56039.75	56240.7	9.31	56049.06	56043.03125	56041.65032	56032.36328	505420.6	5408911.2
L5420.0	505420.6	5408911.2	15348.29981	319.52	130	48.833154	-86.926136	56039.63	56240.7	9.31	56048.94	56042.92969	56041.29384	56031.95703	505420.6	5408911.2
L5420.0	505420.6	5408912.6	15348.40039	323.48	130	48.833167	-86.926136	56039.66	56240.7	9.31	56048.96	56042.96484	56044.64057	56035.25000	505420.6	5408912.6
L5420.0	505420.6	5408914.2	15348.50000	326.74	130	48.833181	-86.926136	56039.33	56240.7	9.31	56048.63	56042.65234	56039.01881	56029.57813	505420.6	5408914.2
L5420.0	505420.6	5408915.1	15348.59961	328.41	130	48.833189	-86.926136	56039.20	56240.7	9.30	56048.50	56042.54297	56039.99774	56030.51172	505420.6	5408915.1
L5420.0	505420.6	5408916.5	15348.70020	328.52	130	48.833202	-86.926136	56038.99	56240.7	9.30	56048.29	56042.35156	56038.35625	56028.82422	505420.6	5408916.5
L5420.0	505420.6	5408917.8	15348.79981	327.85	130	48.833214	-86.926136	56039.09	56240.7	9.30	56048.40	56042.48047	56042.40813	56032.82813	505420.6	5408917.8
L5420.0	505420.6	5408919.7	15348.90039	328.84	130	48.833230	-86.926136	56039.00	56240.7	9.30	56048.30	56042.39844	56042.91637	56033.29297	505420.6	5408919.7
L5420.0	505420.6	5408919.7	15349.00000	327.08	130	48.833230	-86.926136	56038.87	56240.7	9.30	56048.17	56042.28906	56042.99814	56033.33203	505420.6	5408919.7
L5420.0	505420.6	5408921.1	15349.00000	327.08	130	48.833243	-86.926136	56038.59	56240.7	9.30	56047.89	56042.02734	56040.21936	56030.51563	505420.6	5408921.1
L5420.0	505420.6	5408923.0	15349.20020	326.32	130	48.833260	-86.926136	56038.41	56240.7	9.30	56047.71	56041.87109	56039.44393	56029.69922	505420.6	5408923.0
L5420.0	505420.6	5408923.0	15349.29981	323.12	130	48.833260	-86.926136	56038.11	56240.7	9.31	56047.42	56041.60156	56036.24443	56026.46484	505420.6	5408923.0
L5420.0	505420.6	5408924.1	15349.40039	318.39	130	48.833270	-86.926136	56038.01	56240.7	9.31	56047.32	56041.52344	56037.93574	56028.12109	505420.6	5408924.1
L5420.0	505420.6	5408925.7	15349.50000	313.99	130	48.833284	-86.926136	56038.00	56240.7	9.31	56047.31	56041.53516	56041.45901	56031.60938	505420.6	5408925.7
L5420.0	505420.6	5408926.9	15349.59961	312.11	130	48.833295	-86.926136	56037.91	56240.7	9.31	56047.22	56041.46875	56043.02693	56033.14453	505420.6	5408926.9
L5420.0	505420.6	5408928.4	15349.70020	310.37	130	48.833309	-86.926136	56037.88	56240.7	9.31	56047.20	56041.47266	56045.57175	56035.66016	505420.6	5408928.4
L5420.0	505420.6	5408928.4	15349.79981	311.32	130	48.833309	-86.926136	56037.63	56240.7	9.32	56046.95	56041.24609	56044.20871	56034.26953	505420.6	5408928.4
L5420.0	505420.6	5408929.8	15349.90039	306.88	130	48.833321	-86.926136	56037.38	56240.7	9.32	56046.70	56041.02344	56041.92771	56031.96094	505420.6	5408929.8
L5420.0	505420.6	5408931.6	15350.00000	302.38	130	48.833337	-86.926136	56037.22	56240.7	9.32	56046.54	56040.88672	56042.07138	56032.08203	505420.6	5408931.6
L5420.0	505420.6	5408931.6	15350.09961	298.06	130	48.833337	-86.926136	56037.20	56240.7	9.32	56046.52	56040.89453	56045.32111	56035.30859	505420.6	5408931.6
L5420.0	505420.6	5408932.9	15350.20020	293.35	130	48.833349	-86.926136	56037.05	56240.7	9.32	56046.37	56040.76953	56045.37254	56035.33984	505420.6	5408932.9
L5420.0	505420.6	5408934.3	15350.29981	289.13	130	48.833362	-86.926136	56036.95	56240.7	9.32	56046.27	56040.69922	56046.32508	56036.27344	505420.6	5408934.3
L5420.0	505420.6	5408935.9	15350.40039	287.57	130	48.833376	-86.926136	56036.64	56240.7	9.32	56045.97	56040.42578	56043.93736	56033.87109	505420.6	5408935.9
L5420.0	505420.6	5408937.0	15350.50000	287.35	130	48.833386	-86.926136	56036.49	56240.7	9.32	56045.81	56040.29297	56043.98840	56033.90625	505420.6	5408937.0
L5420.0	505420.6	5408937.0	15350.59961	290.91	130	48.833386	-86.926136	56036.29	56240.7	9.33	56045.61	56040.12500	56043.41811	56033.32422	505420.6	5408937.0
L5420.0	505420.5	5408938.2	15350.70020	291.79	130	48.833397	-86.926137	56036.19	56240.7	9.33	56045.52	56040.06250	56044.68917	56034.58594	505420.5	5408938.2
L5420.0	505420.5	5408940.2	15350.79981	293.88	130	48.833415	-86.926137	56036.04	56240.7	9.33	56045.36	56039.93359	56044.97841	56034.86328	505420.5	5408940.2
L5420.0	505420.5	5408940.2	15350.90039	298.39	130	48.833415	-86.926137	56035.81	56240.7	9.33	56045.14	56039.74609	56044.26820	56034.14844	505420.5	5408940.2
L5420.0	505420.5	5408941.7	15351.00000	302.26	130	48.833428	-86.926137	56035.53	56240.7	9.33	56044.86	56039.50000	56042.20649	56032.08203	505420.5	5408941.7
L5420.0	505420.5	5408943.1	15351.00000	302.26	130	48.833441	-86.926138	56035.36	56240.7	9.33	56044.69	56039.36328	56042.57862	56032.45313	505420.5	5408943.1
L5420.0	505420.4	5408944.2	15351.20020	309.89	130	48.833451	-86.926138	56035.07	56240.7	9.34	56044.41	56039.11719	56040.13820	56030.01172	505420.4	5408944.2
L5420.0	505420.4	5408945.6	15351.29981	313.13	130	48.833464	-86.926138	56034.97	56240.7	9.35	56044.31	56039.05078	56042.03389	56031.91016	505420.4	5408945.6
L5420.0	505420.4	5408945.6	15351.40039	317.78	130	48.833464	-86.926138	56034.70	56240.7	9.35	56044.04	56038.81641	56040.60056	56030.48047	505420.4	5408945.6
L5420.0	505420.4	5408947.6	15351.50000	318.98	130	48.833481	-86.926139	56034.46	56240.6	9.36	56043.82	56038.63281	56039.90105	56029.78906	505420.4	5408947.6
L5420.0	505420.4	5408948.3	15351.59961	320.19	130	48.833487	-86.926139	56034.21	56240.6	9.36	56043.57	56038.41797	56038.73083	56028.62500	505420.4	5408948.3
L5420.0	505420.3	5408949.9	15351.70020	321.74	130	48.833502	-86.926139	56034.01	56240.6	9.36	56043.38	56038.26563	56038.71663	56028.62500	505420.3	5408949.9
L5420.0	505420.3	5408949.9	15351.79981	318.80	130	48.833502	-86.926139	56033.91	56240.6	9.37	56043.28	56038.20703	56040.63985	56030.56250	505420.3	5408949.9
L5420.0	505420.3	5408951.4	15351.90039	317.91	130	48.833516	-86.926140	56033.66	56240.6	9.38	56043.04	56038.00391	56040.02041	56029.95703	505420.3	5408951.4
L5420.0	505420.3	5408952.6	15352.00000	316.45	130	48.833526	-86.926140	56033.33	56240.6	9.38	56042.71	56037.71484	56037.65566	56027.60938	505420.3	5408952.6
L5420.0	505420.3	5408953.8	15352.09961	314.44	130	48.833537	-86.926140	56033.10	56240.6	9.38	56042.48	56037.52734	56037.45463	56027.42969	505420.3	5408953.8
L5420.0	505420.2	5408954.8	15352.20020	313.80	130	48.833546	-86.926141	56032.82	56240.6	9.38	56042.20	56037.28906	56036.36457	56026.35938	505420.2	5408954.8
L5420.0	505420.2	5408956.0	15352.29981	313.24	130	48.833557	-86.926141	56032.74	56240.6	9.37	56042.12	56037.25000	56039.48950	56029.51172	505420.2	5408956.0
L5420.0	505420.2	5408957.3	15352.40039	313.97	130	48.833569	-86.926141	56032.55	56240.6	9.37	56041.92	56037.09375	56040.21801	56030.26563	505420.2	5408957.3
L5420.0	505420.2	5408958.7	15352.50000	314.79	130	48.833581	-86.926141	56032.29	56240.6	9.37	56041.66	56036.87891	56039.83632	56029.91016	505420.2	5408958.7
L5420.0	505420.2	5408959.8	15352.59961	316.26	130	48.833591	-86.926141	56032.06	56240.6	9.37	56041.43	56036.69531	56040.10849	56030.21484	505420.2	5408959.8
L5420.0	505420.2	5408959.8	15352.70020	315.48	130	48.833591	-86.926141	56031.64	56240.6	9.37	56041.00	56036.31250	56036.86732	56027.00781	505420.2	5408959.8
L5420.0	505420.2	5408961.2	15352.79981	312.76	130	48.833604	-86.926141	56031.43	56240.6	9.36	56040.80	56036.15625	56037.87005	56028.04688	505420.2	5408961.2
L5420.0	505420.2	5408962.5	15352.90039	308.94	130	48.833616	-86.926141	56031.18	56240.6	9.36	56040.55	56035.95703	56038.02646	56028.24219	505420.2	5408962.5
L5420.0	505420.2	5408963.7	15353.00000	306.06	130	48.833627	-86.926141	56030.95	56240.6	9.36	56040.31	56035.76563	56038.37038	56028.62500	505420.2	5408963.7
L5420.0	505420.2	5408965.3	15353.00000	306.06	130	48.833640	-86.926141	56030.62	56240.6	9.36	56039.98	56035.48438	56037.36120	56027.66016	505420.2	5408965.3
L5420.0	505420.2	5408966.2	15353.20020	300.47	130	48.833649	-86.926141	56030.37	56240.6	9.36	56039.72	56035.27734	56037.48016	56027.82422	505420.2	5408966.2

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5420.0	505420.2	5408967.8	15353.29981	299.36	130	48.833663	-86.926141	56030.07	56240.6	9.36	56039.42	56035.02734	56037.04788	56027.43750	505420.2	5408967.8
L5420.0	505420.2	5408967.8	15353.40039	300.70	130	48.833663	-86.926141	56029.73	56240.6	9.36	56039.09	56034.75000	56036.23289	56026.67188	505420.2	5408967.8
L5420.0	505420.2	5408969.2	15353.50000	303.63	130	48.833676	-86.926141	56029.38	56240.6	9.35	56038.74	56034.45703	56035.17785	56025.67188	505420.2	5408969.2
L5420.0	505420.2	5408970.5	15353.59961	305.02	130	48.833687	-86.926141	56029.06	56240.6	9.35	56038.41	56034.17969	56034.44147	56024.98828	505420.2	5408970.5
L5420.0	505420.2	5408971.6	15353.70020	304.98	130	48.833697	-86.926141	56028.86	56240.6	9.35	56038.21	56034.03516	56035.62616	56026.23047	505420.2	5408971.6
L5420.0	505420.2	5408973.0	15353.79981	306.73	130	48.833710	-86.926141	56028.70	56240.6	9.35	56038.05	56033.93359	56037.50935	56028.17188	505420.2	5408973.0
L5420.0	505420.2	5408974.4	15353.90039	308.58	130	48.833722	-86.926141	56028.40	56240.6	9.35	56037.75	56033.69141	56037.42624	56028.15234	505420.2	5408974.4
L5420.0	505420.2	5408975.8	15354.00000	311.28	130	48.833735	-86.926141	56028.12	56240.7	9.35	56037.47	56033.46875	56037.74928	56028.53906	505420.2	5408975.8
L5420.0	505420.2	5408975.8	15354.09961	311.50	130	48.833735	-86.926141	56027.71	56240.6	9.35	56037.07	56033.12891	56036.22549	56027.07813	505420.2	5408975.8
L5420.0	505420.2	5408976.9	15354.20020	312.56	130	48.833745	-86.926141	56027.23	56240.6	9.36	56036.59	56032.71094	56033.31063	56024.23438	505420.2	5408976.9
L5420.0	505420.2	5408978.5	15354.29981	312.80	130	48.833759	-86.926140	56026.83	56240.6	9.36	56036.19	56032.37500	56031.68607	56022.67969	505420.2	5408978.5
L5420.0	505420.2	5408979.3	15354.40039	310.66	130	48.833766	-86.926140	56026.55	56240.6	9.37	56035.92	56032.16797	56032.48135	56023.54688	505420.2	5408979.3
L5420.0	505420.2	5408980.5	15354.50000	309.46	130	48.833778	-86.926140	56026.20	56240.6	9.37	56035.57	56031.87891	56031.91816	56023.05859	505420.2	5408980.5
L5420.0	505420.3	5408982.0	15354.59961	308.57	130	48.833791	-86.926140	56025.96	56240.6	9.37	56035.34	56031.71484	56033.92734	56025.14844	505420.3	5408982.0
L5420.0	505420.3	5408983.0	15354.70020	310.25	130	48.833800	-86.926140	56025.36	56240.6	9.38	56034.74	56031.18359	56028.28616	56019.58594	505420.3	5408983.0
L5420.0	505420.3	5408984.4	15354.79981	315.87	130	48.833812	-86.926140	56025.01	56240.6	9.38	56034.39	56030.89844	56027.93623	56019.32031	505420.3	5408984.4
L5420.0	505420.3	5408984.4	15354.90039	317.14	130	48.833812	-86.926140	56024.73	56240.6	9.39	56034.12	56030.69922	56029.62787	56021.09375	505420.3	5408984.4
L5420.0	505420.3	5408985.8	15355.00000	317.86	130	48.833825	-86.926139	56024.45	56240.6	9.39	56033.83	56030.47656	56031.16389	56022.71875	505420.3	5408985.8
L5420.0	505420.3	5408987.1	15355.00000	317.86	130	48.833837	-86.926139	56024.14	56240.6	9.39	56033.53	56030.24609	56032.75124	56024.39453	505420.3	5408987.1
L5420.0	505420.3	5408988.4	15355.20020	318.90	130	48.833848	-86.926139	56023.89	56240.6	9.39	56033.28	56030.07031	56035.93241	56027.66797	505420.3	5408988.4
L5420.0	505420.3	5408989.7	15355.29981	314.88	130	48.833860	-86.926139	56023.39	56240.6	9.38	56032.77	56029.63281	56032.45446	56024.28125	505420.3	5408989.7
L5420.0	505420.3	5408990.9	15355.40039	310.43	130	48.833871	-86.926139	56022.86	56240.6	9.38	56032.24	56029.17578	56029.01375	56020.93750	505420.3	5408990.9
L5420.0	505420.3	5408990.9	15355.50000	307.12	130	48.833871	-86.926139	56022.45	56240.6	9.38	56031.83	56028.83984	56028.49802	56020.51953	505420.3	5408990.9
L5420.0	505420.3	5408992.3	15355.59961	305.04	130	48.833884	-86.926139	56021.92	56240.6	9.38	56031.30	56028.38672	56026.04299	56018.16406	505420.3	5408992.3
L5420.0	505420.4	5408993.8	15355.70020	307.33	130	48.833897	-86.926139	56021.36	56240.6	9.38	56030.74	56027.90234	56023.23850	56015.46094	505420.4	5408993.8
L5420.0	505420.4	5408994.9	15355.79981	312.10	130	48.833907	-86.926138	56021.04	56240.6	9.37	56030.41	56027.65234	56022.14842	56014.47656	505420.4	5408994.9
L5420.0	505420.4	5408996.2	15355.90039	319.23	130	48.833918	-86.926138	56020.81	56240.6	9.37	56030.18	56027.50000	56027.06252	56019.49609	505420.4	5408996.2
L5420.0	505420.4	5408997.5	15356.00000	323.42	130	48.833930	-86.926138	56020.50	56240.6	9.37	56029.87	56027.26953	56029.82828	56022.37109	505420.4	5408997.5
L5420.0	505420.4	5408999.0	15356.09961	324.89	130	48.833944	-86.926138	56020.00	56240.6	9.37	56029.37	56026.85156	56027.91502	56020.57031	505420.4	5408999.0
L5420.0	505420.4	5408999.0	15356.20020	327.33	130	48.833944	-86.926138	56019.46	56240.6	9.37	56028.83	56026.39453	56025.31736	56018.08594	505420.4	5408999.0
L5420.0	505420.4	5409000.0	15356.29981	327.06	130	48.833953	-86.926138	56018.91	56240.6	9.37	56028.28	56025.92578	56022.80569	56015.68750	505420.4	5409000.0
L5420.0	505420.4	5409001.6	15356.40039	322.15	130	48.833967	-86.926138	56018.43	56240.6	9.37	56027.80	56025.53125	56022.09116	56015.08984	505420.4	5409001.6
L5420.0	505420.3	5409002.9	15356.50000	316.76	130	48.833979	-86.926138	56017.98	56240.6	9.37	56027.35	56025.16406	56022.13054	56015.25000	505420.3	5409002.9
L5420.0	505420.3	5409004.3	15356.59961	310.31	130	48.833991	-86.926138	56017.65	56240.6	9.37	56027.02	56024.92188	56024.60020	56017.83984	505420.3	5409004.3
L5420.0	505420.3	5409005.8	15356.70020	305.89	130	48.834005	-86.926138	56017.06	56240.6	9.37	56026.43	56024.41797	56021.99915	56015.36328	505420.3	5409005.8
L5420.0	505420.3	5409005.8	15356.79981	301.51	130	48.834005	-86.926138	56016.61	56240.6	9.37	56025.98	56024.05859	56022.19622	56015.68359	505420.3	5409005.8
L5420.0	505420.3	5409007.5	15356.90039	297.78	130	48.834020	-86.926138	56016.31	56240.6	9.37	56025.68	56023.84766	56025.18444	56018.80078	505420.3	5409007.5
L5420.0	505420.3	5409008.5	15357.00000	293.35	103.07	48.834030	-86.926138	56016.00	56240.6	9.37	56025.37	56023.62891	56028.01142	56021.75391	505420.3	5409008.5
L5420.0	505420.3	5409009.7	15357.00000	293.35	103.07	48.834040	-86.926139	56015.34	56240.6	9.37	56024.71	56023.05859	56024.55767	56018.43359	505420.3	5409009.7
L5420.0	505420.3	5409011.1	15357.20020	292.30	102.51	48.834052	-86.926139	56014.69	56240.6	9.37	56024.06	56022.50000	56021.34705	56015.35547	505420.3	5409011.1
L5420.0	505420.3	5409011.1	15357.29981	298.04	101.59	48.834052	-86.926139	56013.90	56240.6	9.37	56023.27	56021.80469	56015.51099	56009.65234	505420.3	5409011.1
L5420.0	505420.3	5409013.3	15357.40039	303.88	101.59	48.834072	-86.926139	56013.53	56240.6	9.37	56022.90	56021.52734	56017.60845	56011.88672	505420.3	5409013.3
L5420.0	505420.3	5409015.0	15357.50000	309.61	98.22	48.834087	-86.926139	56013.09	56240.6	9.37	56022.46	56021.18359	56018.54619	56012.96094	505420.3	5409015.0
L5420.0	505420.3	5409015.7	15357.59961	311.92	98.22	48.834094	-86.926139	56012.64	56240.6	9.37	56022.01	56020.83203	56019.46654	56014.02344	505420.3	5409015.7
L5420.0	505420.3	5409015.7	15357.70020	313.83	94.02	48.834094	-86.926139	56012.23	56240.6	9.37	56021.60	56020.51953	56021.41264	56016.10938	505420.3	5409015.7
L5420.0	505420.3	5409017.2	15357.79981	317.62	99.25	48.834108	-86.926139	56011.60	56240.6	9.37	56020.97	56019.98828	56018.91663	56013.75781	505420.3	5409017.2
L5420.0	505420.3	5409019.1	15357.90039	321.29	99.25	48.834124	-86.926139	56010.99	56240.6	9.37	56020.36	56019.47656	56016.88317	56011.86719	505420.3	5409019.1
L5420.0	505420.3	5409019.1	15358.00000	322.81	101.11	48.834124	-86.926139	56010.57	56240.6	9.37	56019.94	56019.15625	56019.15269	56014.28516	505420.3	5409019.1
L5420.0	505420.3	5409020.6	15358.09961	327.36	100.68	48.834138	-86.926139	56009.93	56240.6	9.37	56019.30	56018.61719	56016.68354	56011.96094	505420.3	5409020.6
L5420.0	505420.3	5409021.7	15358.20020	330.14	100.34	48.834148	-86.926139	56009.22	56240.6	9.37	56018.60	56018.01953	56012.97458	56008.40234	505420.3	5409021.7
L5420.0	505420.2	5409023.0	15358.29981	330.23	100.34	48.834159	-86.926140	56008.64	56240.6	9.38	56018.02	56017.54297	56012.14326	56007.72266	505420.2	5409023.0
L5420.0	505420.2	5409024.6	15358.40039	328.12	96.24	48.834174	-86.926140	56007.98	56240.6	9.38	56017.36	56016.98438	56009.72085	56005.45313	505420.2	5409024.6
L5420.0	505420.2	5409024.6	15358.50000	327.01	96.24	48.834174	-86.926140	56007.48	56240.6	9.38	56016.86	56016.58984	56011.00942	56006.89453	505420.2	5409024.6
L5420.0	505420.2	5409026.3	15358.59961	322.22	98.97	48.834189	-86.926140	56006.92	56240.6	9.38	56016.30	56016.13672	56011.10563	56007.14453	505420.2	5409026.3
L5420.0	505420.2	5409027.8	15358.70020	317.51	98.47	48.834203	-86.926140	56006.44	56240.6	9.38	56015.82	56015.76172	56012.90741	56009.10547	505420.2	5409027.8
L5420.0	505420.2	5409029.2	15358.79981	312.06	98.47	48.834215	-86.926140	56005.61	56240.6	9.39	56014.99	56015.03906	56007.91672	56004.27344	505420.2	5409029.2
L5420.0	505420.2	5409029.2	15358.90039	306.78	98.74	48.834215	-86.926140	56005.20	56240.6	9.39	56014.59	56014.74609	56011.31891	56007.83203	505420.2	5409029.2
L5420.0	505420.2	5409030.5	15359.00000	303.73	99.2	48.834227	-86.926140	56004.59	56240.6	9.39	56013.98	56014.24609	56010.79380	56007.46875	505420.2	5409030.5
L5420.0	505420.2	5409032.2	15359.00000	303.73	99.2	48.834242	-86.926141	56003.96	56240.6	9.39	56013.35	56013.72266	56010.02203	56006.85547	505420.2	5409032.2
L5420.0	505420.2	5409033.8	15359.20020	297.80	99.2	48.834257	-86.926141	56003.31	56240.6	9.38	56012.69	56013.17578	56008.87568	56005.87500	505420.2	5409033.8
L5420.0	505420.2	5409035.4	15359.29981	294.96	94.85	48.834271	-86.926141	56002.95	56240.6	9.38	56012.33	56012.92578	56012.33663	56009.50000	505420.2	5409035.4
L5420.0	505420.2	5409035.4	15359.40039	291.81	98.08	48.834271	-86.926141	56002.19	56240.6	9.38	56011.57	56012.27734	56009.77667	56007.10156	505420.2	5409035.4
L5420.0	505420.2	5409036.8	15359.50000	290.22	98.08	48.834284	-86.926141	56001.71	56240.6	9.38	56011.09	56011.91016	56013.86715	56011.35547	505420.2	5409036.8
L5420.0	505420.2	5409036.8	15359.59961	290.39	99.05	48.834284	-86.926141	56000.75	56240.6	9.37	56010.12	56011.05078	56003.38625	56001.04297	505420.2	5409036.8
L5420.0	505420.2	5409039.8	15359.70020	292.88	99.05	48.834311	-86.926141	56000.12	56240.6	9.37	56009.49	56010.53516	56003.57625	56001.39844	505420.2	5409039.8
L5420.0	505420.2	5409039.8	15359.79981	298.13	99.13	48.834311	-86.926141	55999.31	56240.6	9.37	56008.68	56009.83984	55998.46350	55996.45703	505420.2	5409039.8
L5420.0	505420.2	5409040.9	15359.90039	303.91	99.39	48.834321	-86.926141	55999.11	56240.6	9.36	56008.47	56009.74609	56008.12811	56006.28906	505420.2	5409040.9
L5420.0	505420.2	5409042.2	15360.00000	309.73	98.88	48.834332	-86.926141	55998.22	56240.6	9.36	56007.58	56008.97266	56004.02709	56002.35547	505420.2	5409042.2
L5420.0	505420.2	5409043.4	15360.09961	317.13	98.88	48.834343	-86.926141	55997.89	56240.6	9.36	56007.26	56008.76563	56008.49598	56006.99219	505420.2	5409043.4
L5420.0	505420.2	5409044.7	15360.20020	318.80	99.44	48.834355	-86.926141	55996.93	56240.6	9.36	56006.29	56007.91406	56002.95571	56001.62500	505420.2	5409044.7
L5420.0	505420.2	5409044.7	15360.29981	320.70	96.61	48.834355	-86.926141	55996.10	56240.6	9.36	56005.46	56007.20313	55999.35120	55998.19141	505420.2	5409044.7
L5420.0	505420.2	5409046.3	15360.40039	320.68	96.61	48.834369	-86.926140	55995.16	56240.6	9.36	56004.52	56006.37891	55993.46545	55992.47656	505420.2	5409046.3
L5420.0	505420.2	5409047.3	15360.50000	319.39	99.82	48.834378	-86.926140	55994.78	56240.6	9.37	56004.14	56006.11719	55998.09339	55997.27344	505420.2	5409047.3
L5420.0	505420.2	5409048.6	15360.59961	315.89	99.82	48.834390	-86.926140	55993.84	56240.6	9.37	56003.21	56005.30469	55992.14393	55991.49609	505420.2	5409048.6
L5420.0	505420.2	5409050.3	15360.70020	316.25	100.95	48.834406	-86.926140	55993.59	56240.6	9.37	56002.96	56005.17578	56000.59024	56000.11328	505420.2	5409050.3
L5420.0	505420.2	5409050.3	15360.79981	316.98	99.99	48.834406	-86.926140	55992.66	56240.6	9.37	56002.03	56004.36328	55994.70915	55994.40625	505420.2	5409050.3
L5420.0	505420.2	5409051.8	15360.90039	314.19	99.99	48.834419	-86.926140	55992.07	56240.6	9.37	56001.44	56003.89453	55996.55694	55996.42578	505420.2	5409051.8
L5420.0	505420.2	5409052.9	15361.00000	313.50	100.2	48.834429	-86.926139	55991.29	56240.6	9.37	56000.66	56003.23438	55994.23163	55994.26953	505420.2	5409052.9
L5420.0	505420.3	5409054.3	15361.00000	313.50	100.2	48.834441	-86.926139	55990.91	56240.6	9.37	56000.28	56002.97656	56001.68632	56001.89844	505420.3	5409054.3
L5420.0	505420.3	5409054.3	15361.20020	315.30	100.72	48.834441	-86.926139	55990.15	56240.6	9.37	55999.52	56002.33594	56000.24605	56000.62891	505420.3	5409054.3
L5420.0	505420.3	5409055.9	15361.29981	315.24	100.86	48.834456	-86.926138	55989.52	56240.6	9.36	55998.88	56001.81641	56001.83782	56002.39063	505420.3	5409055.9
L5420.0	505420.4	5409057.9	15361.40039	315.14	100.86	48.834474	-86.926138	55988.61	56240.6	9.36	55997.97	56001.03125	55997.12363	55997.84766	505420.4	5409057.9
L5420.0	505420.4	5409057.9	15361.50000	315.77	101.11	48.834474	-86.926138	55987.80	56240.6	9.36	55997.16	56000.33984	55995.02143	55995.91797	505420.4	5409057.9
L5420.0	505420.4	5409059.3	15361.59961	316.33	101.11	48.834486	-86.926137	55986.96	56240.6	9.36	55996.32	55999.62500	55992.45824	55993.52344	505420.4	5409059.3
L5420.0	505420.4	5409060.7	15361.70020	314.34	101.08	48.834499	-86.926137	55986.20	56240.6	9.36	55995.56	55998.98438	55991.91639	55993.15234	505420.4	5409060.7
L5420.0	505420.5	5409062.3	15361.79981	314.08	101.08	48.834513	-86.926136	55985.37	56240.6	9.35	55994.72	55998.26953	55989.79160	55991.19531	505420.5	5409062.3
L5420.0	505420.5	5409064.0	15361.90039	315.26	101.05	48.834529	-86.926136	55984.38	56240.6	9.35	55993.74	55997.41016	55984.93356	55986.50781	505420.5	5409064.0
L5420.0	505420.5	5409064.0	15362.00000	315.46	101.05	48.834529	-86.926136	55983.55	56240.7	9.35	55992.90	55996.69141	55983.30367	55985.04297	505420.5	5409064.0
L5420.0	505420.5	5409065.7	15362.09961	314.45	101.05	48.834544	-86.926136	55982.62	56240.6	9.35	55991.97	55995.88672	55980.05202	55981.95703	505420.5	5409065.7
L5420.0	505420.5	5409067.1	15362.20020	312.42	101.05	48.834556	-86.926136	55981.93	56240.6	9.36	55991.29	55995.32813	55981.96689	55984.03906	505420.5	5409067.1
L5420.0	505420.5	5409068.5	15362.29981	312.49	101.05	48.834569	-86.926135	55981.12	56240.6	9.36	55990.48	55994.64063	55981.40452	55983.64063	505420.5	5409068.5
L5420.0	505420.5	5409068.5	15362.40039	313.61	101.05	48.834569	-86.926135	55980.48	56240.6	9.36	55989.85	55994.13281	55984.34936	55986.75000	505420.5	5409068.5
L5420.0	505420.5	5409070.3	15362.50000	310.69	101.05	48.834585	-86.926135	55979.63	56240.6	9.36	55988.99	55993.39453	55983.03774	55985.60156	505420.5	5409070.3

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5420.0	505420.5	5409070.3	15362.59961	308.48	101.05	48.834585	-86.926135	55978.99	56240.6	9.37	55988.36	55992.88672	55986.03459	55988.75781	505420.5	5409070.3
L5420.0	505420.5	5409071.8	15362.70020	307.53	101.05	48.834598	-86.926135	55978.06	56240.6	9.37	55987.43	55992.07813	55983.68489	55986.56641	505420.5	5409071.8
L5420.0	505420.5	5409072.6	15362.79981	307.26	101.05	48.834605	-86.926135	55977.73	56240.6	9.37	55987.10	55991.87109	55992.10424	55995.14453	505420.5	5409072.6
L5420.0	505420.5	5409074.0	15362.90039	308.88	101.05	48.834619	-86.926135	55976.52	56240.6	9.38	55985.90	55990.79297	55985.23730	55988.43359	505420.5	5409074.0
L5420.0	505420.5	5409075.1	15363.00000	307.55	101.05	48.834629	-86.926135	55975.68	56240.6	9.38	55985.06	55990.07422	55984.86977	55988.22266	505420.5	5409075.1
L5420.0	505420.5	5409076.7	15363.00000	307.55	101.05	48.834642	-86.926135	55974.52	56240.6	9.38	55983.90	55989.03516	55978.97822	55982.48438	505420.5	5409076.7
L5420.0	505420.5	5409078.3	15363.20020	307.93	101.05	48.834657	-86.926135	55973.68	56240.6	9.38	55983.06	55988.31641	55978.83775	55982.49219	505420.5	5409078.3
L5420.0	505420.5	5409078.3	15363.29981	309.04	101.05	48.834657	-86.926135	55972.57	56240.6	9.37	55981.94	55987.31641	55973.72717	55977.53125	505420.5	5409078.3
L5420.0	505420.5	5409079.6	15363.40039	308.89	101.05	48.834669	-86.926135	55971.74	56240.6	9.37	55981.11	55986.60938	55973.95649	55977.90625	505420.5	5409079.6
L5420.0	505420.5	5409081.0	15363.50000	307.48	101.05	48.834682	-86.926135	55970.68	56240.6	9.37	55980.05	55985.66797	55969.93801	55974.03516	505420.5	5409081.0
L5420.0	505420.5	5409082.4	15363.59961	308.90	101.05	48.834694	-86.926135	55970.04	56240.6	9.37	55979.41	55985.14844	55974.20717	55978.44531	505420.5	5409082.4
L5420.0	505420.5	5409083.6	15363.70020	309.32	115.52	48.834705	-86.926135	55969.06	56240.6	9.37	55978.42	55984.27734	55971.77676	55976.15234	505420.5	5409083.6
L5420.0	505420.5	5409083.6	15363.79981	310.33	115.52	48.834705	-86.926135	55968.35	56240.6	9.36	55977.71	55983.68359	55975.42051	55979.93359	505420.5	5409083.6
L5420.0	505420.5	5409085.1	15363.90039	312.56	130	48.834718	-86.926135	55967.14	56240.6	9.36	55976.50	55982.59375	55968.42888	55973.07813	505420.5	5409085.1
L5420.0	505420.5	5409086.5	15364.00000	315.20	130	48.834730	-86.926135	55966.47	56240.6	9.36	55975.83	55982.03906	55973.73487	55978.51563	505420.5	5409086.5
L5420.0	505420.5	5409086.5	15364.09961	319.08	130	48.834730	-86.926135	55965.44	56240.6	9.36	55974.80	55981.12500	55971.03168	55975.94141	505420.5	5409086.5
L5420.0	505420.5	5409088.3	15364.20020	317.83	130	48.834747	-86.926135	55964.50	56240.6	9.37	55973.87	55980.31250	55970.93623	55975.97266	505420.5	5409088.3
L5420.0	505420.5	5409089.6	15364.29981	320.15	130	48.834759	-86.926135	55963.21	56240.6	9.37	55972.58	55979.13672	55961.72826	55966.88672	505420.5	5409089.6
L5420.0	505420.5	5409091.3	15364.40039	321.31	130	48.834774	-86.926135	55962.36	56240.6	9.38	55971.73	55978.39844	55964.56796	55969.84375	505420.5	5409091.3
L5420.0	505420.5	5409092.3	15364.50000	321.67	130	48.834783	-86.926135	55961.14	56240.6	9.38	55970.52	55977.30469	55959.58806	55964.98047	505420.5	5409092.3
L5420.0	505420.6	5409093.5	15364.59961	319.14	130	48.834794	-86.926134	55960.23	56240.6	9.38	55969.61	55976.50391	55959.95680	55965.46484	505420.6	5409093.5
L5420.0	505420.6	5409093.5	15364.70020	320.72	130	48.834794	-86.926134	55959.06	56240.6	9.39	55968.45	55975.45703	55956.01050	55961.62500	505420.6	5409093.5
L5420.0	505420.6	5409095.1	15364.79981	321.58	130	48.834808	-86.926134	55958.18	56240.6	9.39	55967.57	55974.68750	55957.39295	55963.11328	505420.6	5409095.1
L5420.0	505420.6	5409096.9	15364.90039	323.55	130	48.834825	-86.926134	55957.32	56240.6	9.40	55966.72	55973.94531	55959.64955	55965.47266	505420.6	5409096.9
L5420.0	505420.6	5409098.6	15365.00000	323.92	130	48.834840	-86.926133	55956.18	56240.6	9.40	55965.58	55972.91406	55956.61310	55962.53516	505420.6	5409098.6
L5420.0	505420.6	5409098.6	15365.00000	323.92	130	48.834840	-86.926133	55955.07	56240.6	9.40	55964.47	55971.91016	55954.32740	55960.34375	505420.6	5409098.6
L5420.0	505420.6	5409099.7	15365.20020	324.33	130	48.834850	-86.926133	55954.06	56240.6	9.40	55963.45	55971.00000	55954.00812	55960.11328	505420.6	5409099.7
L5420.0	505420.6	5409101.2	15365.29981	324.57	130	48.834863	-86.926133	55953.09	56240.6	9.39	55962.49	55970.14453	55955.09799	55961.28906	505420.6	5409101.2
L5420.0	505420.6	5409102.8	15365.40039	322.46	130	48.834877	-86.926133	55951.93	56240.6	9.39	55961.32	55969.07813	55952.26869	55958.53906	505420.6	5409102.8
L5420.0	505420.6	5409104.4	15365.50000	321.90	130	48.834892	-86.926133	55950.84	56240.6	9.39	55960.23	55968.08984	55951.23380	55957.58203	505420.6	5409104.4
L5420.0	505420.6	5409104.4	15365.59961	321.50	130	48.834892	-86.926133	55949.61	56240.6	9.39	55958.99	55966.94922	55947.47933	55953.89844	505420.6	5409104.4
L5420.0	505420.6	5409106.0	15365.70020	321.41	130	48.834907	-86.926133	55948.62	56240.6	9.39	55958.01	55966.07031	55949.02662	55955.51563	505420.6	5409106.0
L5420.0	505420.6	5409107.7	15365.79981	320.95	130	48.834921	-86.926133	55947.20	56240.6	9.38	55956.58	55964.73828	55942.08517	55948.63672	505420.6	5409107.7
L5420.0	505420.6	5409109.0	15365.90039	320.51	130	48.834934	-86.926134	55946.26	56240.6	9.38	55955.64	55963.89453	55944.80250	55951.41016	505420.6	5409109.0
L5420.0	505420.6	5409109.0	15366.00000	320.38	130	48.834934	-86.926134	55945.13	56240.6	9.38	55954.51	55962.85938	55944.07200	55950.73438	505420.6	5409109.0
L5420.0	505420.6	5409110.7	15366.09961	320.08	130	48.834948	-86.926134	55944.27	56240.6	9.38	55953.64	55962.08203	55948.34558	55955.05469	505420.6	5409110.7
L5420.0	505420.6	5409110.7	15366.20020	317.05	130	48.834948	-86.926134	55942.98	56240.6	9.37	55952.35	55960.88281	55945.00483	55951.75391	505420.6	5409110.7
L5420.0	505420.5	5409112.4	15366.29981	316.49	130	48.834964	-86.926134	55941.79	56240.6	9.37	55951.15	55959.77344	55943.53853	55950.32422	505420.5	5409112.4
L5420.0	505420.5	5409113.5	15366.40039	315.85	130	48.834973	-86.926135	55940.42	56240.6	9.36	55949.78	55958.49219	55939.27393	55946.08984	505420.5	5409113.5
L5420.0	505420.5	5409114.9	15366.50000	316.30	130	48.834986	-86.926135	55939.21	56240.6	9.36	55948.57	55957.37109	55938.07303	55944.91406	505420.5	5409114.9
L5420.0	505420.5	5409116.4	15366.59961	316.82	130	48.835000	-86.926136	55937.89	56240.6	9.36	55947.25	55956.13281	55935.17721	55942.03516	505420.5	5409116.4
L5420.0	505420.5	5409116.4	15366.70020	317.29	130	48.835000	-86.926136	55936.83	56240.6	9.35	55946.18	55955.14844	55935.53670	55942.40625	505420.5	5409116.4
L5420.0	505420.4	5409117.8	15366.79981	317.67	130	48.835012	-86.926136	55935.56	56240.7	9.35	55944.91	55953.95703	55933.55524	55940.43359	505420.4	5409117.8
L5420.0	505420.4	5409119.4	15366.90039	317.60	130	48.835027	-86.926136	55934.43	56240.7	9.34	55943.77	55952.89453	55935.28022	55942.15625	505420.4	5409119.4
L5420.0	505420.4	5409119.4	15367.00000	316.20	130	48.835027	-86.926136	55932.98	56240.7	9.34	55942.32	55951.52344	55929.25324	55936.12500	505420.4	5409119.4
L5420.0	505420.3	5409121.4	15367.00000	316.20	130	48.835045	-86.926137	55931.74	56240.7	9.34	55941.08	55950.35938	55928.97360	55935.83203	505420.3	5409121.4
L5420.0	505420.3	5409122.7	15367.20020	313.95	130	48.835057	-86.926137	55930.45	56240.7	9.35	55939.80	55949.14844	55927.96152	55934.80078	505420.3	5409122.7
L5420.0	505420.3	5409124.1	15367.29981	313.78	130	48.835069	-86.926138	55929.27	56240.7	9.35	55938.62	55948.03906	55929.71271	55936.52344	505420.3	5409124.1
L5420.0	505420.3	5409124.1	15367.40039	313.09	130	48.835069	-86.926138	55927.88	56240.6	9.35	55937.23	55946.71875	55926.55100	55933.33203	505420.3	5409124.1
L5420.0	505420.3	5409125.7	15367.50000	311.64	130	48.835083	-86.926138	55926.64	56240.6	9.35	55935.99	55945.54297	55927.35970	55934.09766	505420.3	5409125.7
L5420.0	505420.3	5409127.1	15367.59961	313.08	130	48.835096	-86.926138	55925.20	56240.6	9.36	55934.55	55944.16797	55923.62554	55930.31641	505420.3	5409127.1
L5420.0	505420.2	5409128.9	15367.70020	314.80	130	48.835113	-86.926138	55923.93	56240.6	9.36	55933.29	55942.96875	55924.51845	55931.15625	505420.2	5409128.9
L5420.0	505420.2	5409128.9	15367.79981	314.92	130	48.835113	-86.926138	55922.44	56240.6	9.36	55931.80	55941.53516	55920.25345	55926.82813	505420.2	5409128.9
L5420.0	505420.2	5409130.2	15367.90039	315.74	130	48.835124	-86.926139	55921.04	56240.6	9.37	55930.41	55940.20313	55918.68304	55925.18750	505420.2	5409130.2
L5420.0	505420.2	5409131.7	15368.00000	316.18	130	48.835138	-86.926139	55919.58	56240.6	9.37	55928.95	55938.79688	55915.80320	55922.23047	505420.2	5409131.7
L5420.0	505420.2	5409131.7	15368.09961	317.50	103.15	48.835138	-86.926139	55918.26	56240.6	9.37	55927.63	55937.52734	55916.48074	55922.82031	505420.2	5409131.7
L5420.0	505420.2	5409133.1	15368.20020	317.27	98.96	48.835150	-86.926139	55916.85	56240.6	9.37	55926.22	55936.16406	55915.38861	55921.63672	505420.2	5409133.1
L5420.0	505420.2	5409135.0	15368.29981	316.60	98.96	48.835167	-86.926139	55915.56	56240.6	9.37	55924.93	55934.91797	55917.31895	55923.46484	505420.2	5409135.0
L5420.0	505420.2	5409136.3	15368.40039	314.63	98.6	48.835179	-86.926139	55913.94	56240.6	9.37	55923.30	55933.33203	55911.90428	55917.94141	505420.2	5409136.3
L5420.0	505420.2	5409137.8	15368.50000	313.30	98.6	48.835193	-86.926139	55912.55	56240.6	9.37	55921.91	55931.98047	55912.20258	55918.12109	505420.2	5409137.8
L5420.0	505420.2	5409137.8	15368.59961	312.79	100.13	48.835193	-86.926139	55910.88	56240.6	9.36	55920.24	55930.34766	55906.65654	55912.44922	505420.2	5409137.8
L5420.0	505420.2	5409139.0	15368.70020	312.41	101.83	48.835203	-86.926139	55909.52	56240.6	9.36	55918.88	55929.01953	55908.23235	55913.89063	505420.2	5409139.0
L5420.0	505420.2	5409140.6	15368.79981	312.08	101.83	48.835217	-86.926139	55907.89	56240.6	9.36	55917.25	55927.41797	55904.28222	55909.79297	505420.2	5409140.6
L5420.0	505420.2	5409140.6	15368.90039	312.82	98.92	48.835217	-86.926139	55906.53	56240.6	9.36	55915.89	55926.08594	55906.41753	55911.77734	505420.2	5409140.6
L5420.0	505420.2	5409142.4	15369.00000	314.72	98.06	48.835234	-86.926139	55904.83	56240.6	9.36	55914.19	55924.41016	55901.67826	55906.87891	505420.2	5409142.4
L5420.0	505420.2	5409144.2	15369.00000	314.72	98.06	48.835250	-86.926139	55903.44	56240.6	9.36	55912.80	55923.04297	55903.73111	55908.76172	505420.2	5409144.2
L5420.0	505420.2	5409145.8	15369.20020	312.92	95.14	48.835264	-86.926139	55901.64	56240.6	9.35	55911.00	55921.26172	55897.64084	55902.49219	505420.2	5409145.8
L5420.0	505420.2	5409145.8	15369.29981	313.19	89.79	48.835264	-86.926139	55900.25	56240.6	9.35	55909.61	55919.88281	55900.24126	55904.90234	505420.2	5409145.8
L5420.0	505420.2	5409147.1	15369.40039	313.79	89.79	48.835276	-86.926139	55898.38	56240.7	9.35	55907.73	55918.01563	55893.26790	55897.73438	505420.2	5409147.1
L5420.0	505420.2	5409148.9	15369.50000	312.49	89.79	48.835293	-86.926139	55896.79	56240.7	9.35	55906.13	55916.42188	55892.24644	55896.50781	505420.2	5409148.9
L5420.0	505420.2	5409150.1	15369.59961	309.74	91.54	48.835303	-86.926139	55894.96	56240.7	9.34	55904.31	55914.60938	55887.19896	55891.24219	505420.2	5409150.1
L5420.0	505420.2	5409150.1	15369.70020	309.42	92.35	48.835303	-86.926139	55893.52	56240.7	9.34	55902.86	55913.16016	55889.70129	55893.51953	505420.2	5409150.1
L5420.0	505420.2	5409151.2	15369.79981	311.34	93.24	48.835313	-86.926139	55891.70	56240.7	9.34	55901.04	55911.33594	55885.28934	55888.87109	505420.2	5409151.2
L5420.0	505420.2	5409152.6	15369.90039	310.26	93.24	48.835326	-86.926139	55890.31	56240.7	9.33	55899.65	55909.94141	55889.46529	55892.80469	505420.2	5409152.6
L5420.0	505420.2	5409154.3	15370.00000	310.12	95.64	48.835341	-86.926139	55888.39	56240.7	9.33	55897.72	55908.00000	55883.54904	55886.63672	505420.2	5409154.3
L5420.0	505420.2	5409155.4	15370.09961	310.32	95.64	48.835351	-86.926139	55887.03	56240.7	9.33	55896.36	55906.62500	55888.83023	55891.65234	505420.2	5409155.4
L5420.0	505420.2	5409155.4	15370.20020	311.54	102.08	48.835351	-86.926139	55885.06	56240.7	9.33	55894.39	55904.64063	55882.75976	55885.30859	505420.2	5409155.4
L5420.0	505420.2	5409156.7	15370.29981	313.73	101.9	48.835362	-86.926139	55883.43	56240.7	9.33	55892.76	55902.98828	55883.47263	55885.73828	505420.2	5409156.7
L5420.0	505420.2	5409158.3	15370.40039	311.97	101.9	48.835377	-86.926139	55881.33	56240.7	9.33	55890.67	55900.87500	55875.70771	55877.68359	505420.2	5409158.3
L5420.0	505420.2	5409159.8	15370.50000	310.74	101.9	48.835390	-86.926139	55879.69	56240.7	9.33	55889.02	55899.19531	55876.64539	55878.31641	505420.2	5409159.8
L5420.0	505420.2	5409161.2	15370.59961	312.15	101.22	48.835403	-86.926139	55877.52	56240.7	9.34	55886.85	55896.99219	55867.90272	55869.26172	505420.2	5409161.2
L5420.0	505420.2	5409161.2	15370.70020	311.77	101.22	48.835403	-86.926139	55875.90	56240.7	9.34	55885.24	55895.34766	55870.24077	55871.27734	505420.2	5409161.2
L5420.0	505420.2	5409162.5	15370.79981	310.52	101.7	48.835415	-86.926139	55873.95	56240.7	9.34	55883.28	55893.34766	55866.13458	55866.83984	505420.2	5409162.5
L5420.0	505420.2	5409164.3	15370.90039	310.83	101.2	48.835431	-86.926139	55872.36	56240.7	9.34	55881.69	55891.71484	55869.57386	55869.93750	505420.2	5409164.3
L5420.0	505420.2	5409165.9	15371.00000	311.42	101.2	48.835445	-86.926139	55870.25	56240.7	9.34	55879.59	55889.56641	55863.36576	55863.37891	505420.2	5409165.9
L5420.0	505420.2	5409165.9	15371.00000	311.42	101.06	48.835445	-86.926139	55868.38	56240.7	9.34	55877.72	55887.64453	55862.00216	55861.65234	505420.2	5409165.9
L5420.0	505420.2	5409167.0	15371.20020	313.39	101.06	48.835455	-86.926139	55866.34	56240.7	9.35	55875.68	55885.54688	55857.59934	55856.87891	505420.2	5409167.0
L5420.0	505420.2	5409168.1	15371.29981	312.88	101.21	48.835465	-86.926139	55864.31	56240.6	9.35	55873.67	55883.48047	55854.11800	55853.01563	505420.2	5409168.1
L5420.0	505420.2	5409169.6	15371.40039	313.63	100.73	48.835478	-86.926138	55862.36	56240.6	9.36	55871.71	55881.45703	55851.98057	55850.48828	505420.2	5409169.6
L5420.0	505420.2	5409169.6	15371.50000	313.61	96.38	48.835478	-86.926138	55860.32	56240.6	9.36	55869.68	55879.35547	55848.78291	55846.89063	505420.2	5409169.6
L5420.0	505420.2	5409170.9	15371.59961	313.20	96.38	48.835490	-86.926138	55858.24	56240.6	9.36	55867.60	55877.20703	55844.91775	55842.61328	505420.2	5409170.9
L5420.0	505420.2	5409172.4	15371.70020	313.40	99.56	48.835503	-86.926138	55856.29	56240.6	9.37	55865.66	55875.18750	55844.24526	55841.52344	505420.2	5409172.4
L5420.0	505420.2	5409173.7	15371.79981	312.83	99.56	48.835516	-86.926138	55854.17	56240.6	9.37	55863.54	55872.98828	55840.25731	55837.10156	505420.2	5409173.7

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5420.0	505420.2	5409175.1	15371.90039	312.62	101.1	48.835528	-86.926138	55852.22	56240.6	9.38	55861.59	55870.95313	55840.08232	55836.48828	505420.2	5409175.1
L5420.0	505420.2	5409175.1	15372.00000	309.06	101.1	48.835528	-86.926138	55850.07	56240.6	9.38	55859.45	55868.72656	55836.36670	55832.32422	505420.2	5409175.1
L5420.0	505420.2	5409176.7	15372.09961	308.12	101.1	48.835543	-86.926138	55848.12	56240.6	9.38	55857.50	55866.68359	55836.87216	55832.37500	505420.2	5409176.7
L5420.0	505420.2	5409177.7	15372.20020	308.17	100.91	48.835552	-86.926138	55845.82	56240.6	9.38	55855.20	55864.28516	55830.53986	55825.57422	505420.2	5409177.7
L5420.0	505420.3	5409179.2	15372.29981	311.49	100.91	48.835565	-86.926137	55843.92	56240.6	9.38	55853.30	55862.28516	55832.71531	55827.26953	505420.3	5409179.2
L5420.0	505420.3	5409180.3	15372.40039	311.68	97.5	48.835575	-86.926137	55841.67	56240.6	9.38	55851.04	55859.91797	55827.83221	55821.90234	505420.3	5409180.3
L5420.0	505420.3	5409180.3	15372.50000	310.68	93.93	48.835575	-86.926137	55839.60	56240.6	9.38	55848.97	55857.74219	55827.13627	55820.71094	505420.3	5409180.3
L5420.0	505420.3	5409181.6	15372.59961	311.33	93.93	48.835587	-86.926137	55837.14	56240.6	9.37	55846.52	55855.17578	55818.97251	55812.04297	505420.3	5409181.6
L5420.0	505420.3	5409183.3	15372.70020	313.26	93	48.835601	-86.926137	55835.07	56240.6	9.37	55844.45	55852.98828	55818.84533	55811.40234	505420.3	5409183.3
L5420.0	505420.3	5409184.7	15372.79981	312.29	93	48.835614	-86.926137	55832.74	56240.6	9.37	55842.11	55850.52734	55813.49016	55805.52734	505420.3	5409184.7
L5420.0	505420.3	5409184.7	15372.90039	310.86	92.57	48.835614	-86.926137	55830.59	56240.6	9.37	55839.96	55848.25000	55812.24807	55803.75391	505420.3	5409184.7
L5420.0	505420.3	5409186.2	15373.00000	312.88	92.19	48.835628	-86.926136	55828.19	56240.6	9.37	55837.56	55845.71875	55806.18907	55797.15625	505420.3	5409186.2
L5420.0	505420.3	5409187.4	15373.00000	312.88	92.19	48.835638	-86.926136	55825.91	56240.6	9.37	55835.28	55843.30469	55802.78373	55793.20703	505420.3	5409187.4
L5420.0	505420.3	5409189.0	15373.20020	314.53	89.02	48.835653	-86.926136	55823.68	56240.6	9.37	55833.05	55840.93750	55800.58093	55790.44922	505420.3	5409189.0
L5420.0	505420.4	5409190.1	15373.29981	314.47	88.4	48.835663	-86.926136	55821.59	56240.6	9.37	55830.95	55838.69531	55801.12775	55790.43359	505420.4	5409190.1
L5420.0	505420.4	5409190.1	15373.40039	313.33	88.4	48.835663	-86.926136	55819.21	56240.6	9.37	55828.58	55836.17578	55796.44873	55785.18359	505420.4	5409190.1
L5420.0	505420.4	5409191.7	15373.50000	313.78	88.57	48.835678	-86.926136	55817.00	56240.6	9.36	55826.36	55833.80469	55794.86408	55783.02344	505420.4	5409191.7
L5420.0	505420.4	5409193.0	15373.59961	312.91	89.28	48.835689	-86.926136	55814.56	56240.6	9.36	55823.92	55831.21094	55789.06656	55776.64063	505420.4	5409193.0
L5420.0	505420.4	5409194.2	15373.70020	311.19	89.28	48.835700	-86.926136	55812.30	56240.6	9.36	55821.66	55828.79297	55786.87275	55773.85547	505420.4	5409194.2
L5420.0	505420.4	5409195.7	15373.79981	309.38	87	48.835713	-86.926135	55809.92	56240.6	9.36	55819.28	55826.25000	55782.40344	55768.78516	505420.4	5409195.7
L5420.0	505420.4	5409196.8	15373.90039	310.12	83.61	48.835724	-86.926135	55807.70	56240.6	9.36	55817.06	55823.86328	55781.02444	55766.80078	505420.4	5409196.8
L5420.0	505420.4	5409196.8	15374.00000	311.66	84.2	48.835724	-86.926135	55805.40	56240.6	9.36	55814.76	55821.39063	55778.08134	55763.25000	505420.4	5409196.8
L5420.0	505420.4	5409198.2	15374.09961	313.12	86.11	48.835736	-86.926135	55803.22	56240.6	9.36	55812.58	55819.03906	55777.32430	55761.87500	505420.4	5409198.2
L5420.0	505420.5	5409199.6	15374.20020	311.23	86.11	48.835748	-86.926134	55800.85	56240.6	9.36	55810.21	55816.48828	55772.88416	55756.81250	505420.5	5409199.6
L5420.0	505420.5	5409200.8	15374.29981	308.61	89.95	48.835759	-86.926134	55798.69	56240.6	9.36	55808.05	55814.14453	55772.19226	55755.48828	505420.5	5409200.8
L5420.0	505420.5	5409201.9	15374.40039	309.71	88	48.835769	-86.926134	55796.29	56240.6	9.36	55805.66	55811.57031	55767.05732	55749.71875	505420.5	5409201.9
L5420.0	505420.5	5409201.9	15374.50000	309.13	88	48.835769	-86.926134	55793.96	56240.6	9.37	55803.33	55809.05078	55762.81230	55744.83594	505420.5	5409201.9
L5420.0	505420.5	5409203.7	15374.59961	310.12	90.78	48.835785	-86.926133	55791.36	56240.6	9.37	55800.72	55806.24609	55753.24835	55734.62891	505420.5	5409203.7
L5420.0	505420.5	5409204.8	15374.70020	309.93	90.12	48.835795	-86.926133	55789.21	56240.6	9.37	55798.57	55803.89844	55751.69079	55732.42188	505420.5	5409204.8
L5420.0	505420.6	5409206.2	15374.79981	310.69	90.12	48.835808	-86.926133	55786.94	56240.6	9.37	55796.31	55801.43750	55747.78157	55727.85938	505420.6	5409206.2
L5420.0	505420.6	5409207.7	15374.90039	310.11	88.73	48.835821	-86.926132	55784.93	56240.6	9.37	55794.30	55799.22656	55747.89736	55727.32031	505420.6	5409207.7
L5420.0	505420.6	5409209.0	15375.00000	307.86	89.31	48.835833	-86.926132	55782.71	56240.6	9.37	55792.08	55796.79688	55743.82652	55722.58984	505420.6	5409209.0
L5420.0	505420.6	5409210.0	15375.00000	307.86	89.31	48.835842	-86.926132	55780.59	56240.6	9.37	55789.96	55794.46875	55741.02389	55719.12500	505420.6	5409210.0
L5420.0	505420.6	5409211.6	15375.20020	308.04	90.23	48.835856	-86.926132	55778.36	56240.6	9.36	55787.72	55792.01172	55735.58417	55713.01563	505420.6	5409211.6
L5420.0	505420.6	5409211.6	15375.29981	309.72	88.94	48.835856	-86.926132	55776.41	56240.6	9.36	55785.77	55789.84375	55734.61057	55711.37500	505420.6	5409211.6
L5420.0	505420.6	5409212.7	15375.40039	310.08	88.94	48.835866	-86.926132	55774.31	56240.6	9.36	55783.67	55787.52344	55730.39190	55706.48438	505420.6	5409212.7
L5420.0	505420.7	5409214.3	15375.50000	312.04	87.05	48.835881	-86.926132	55772.59	56240.6	9.35	55781.94	55785.57031	55731.85969	55707.28125	505420.7	5409214.3
L5420.0	505420.7	5409215.7	15375.59961	313.06	84.5	48.835893	-86.926131	55770.54	56240.6	9.35	55779.89	55783.29688	55727.08679	55701.83594	505420.7	5409215.7
L5420.0	505420.7	5409217.4	15375.70020	313.74	82.86	48.835909	-86.926131	55768.64	56240.7	9.35	55777.99	55781.16406	55724.10400	55698.17578	505420.7	5409217.4
L5420.0	505420.7	5409218.3	15375.79981	312.53	82.86	48.835917	-86.926131	55766.54	56240.7	9.35	55775.89	55778.83203	55716.90129	55690.29688	505420.7	5409218.3
L5420.0	505420.7	5409219.5	15375.90039	311.40	84.74	48.835927	-86.926131	55764.83	56240.7	9.34	55774.17	55776.87891	55715.25393	55687.97266	505420.7	5409219.5
L5420.0	505420.7	5409219.5	15376.00000	310.84	82.2	48.835927	-86.926131	55762.98	56240.7	9.34	55772.32	55774.79297	55710.46289	55682.50781	505420.7	5409219.5
L5420.0	505420.7	5409221.1	15376.09961	310.03	86.01	48.835942	-86.926131	55761.39	56240.7	9.34	55770.73	55772.96094	55709.03026	55680.39844	505420.7	5409221.1
L5420.0	505420.7	5409222.3	15376.20020	308.96	83.41	48.835953	-86.926131	55759.79	56240.7	9.34	55769.14	55771.12891	55706.51536	55677.20703	505420.7	5409222.3
L5420.0	505420.6	5409223.7	15376.29981	306.82	83.41	48.835965	-86.926132	55758.45	56240.7	9.35	55767.79	55769.53516	55706.86687	55676.88281	505420.6	5409223.7
L5420.0	505420.6	5409225.1	15376.40039	306.69	81.15	48.835978	-86.926132	55756.76	56240.7	9.35	55766.11	55767.60547	55700.50992	55669.85547	505420.6	5409225.1
L5420.0	505420.6	5409226.2	15376.50000	308.67	79.98	48.835988	-86.926132	55755.57	56240.7	9.35	55764.92	55766.16797	55701.05922	55669.73438	505420.6	5409226.2
L5420.0	505420.6	5409226.2	15376.59961	308.17	80.82	48.835988	-86.926132	55754.09	56240.6	9.35	55763.44	55764.43750	55695.43601	55663.44531	505420.6	5409226.2
L5420.0	505420.6	5409227.4	15376.70020	307.80	80.6	48.835999	-86.926132	55753.04	56240.6	9.35	55762.39	55763.13281	55695.60987	55662.95313	505420.6	5409227.4
L5420.0	505420.6	5409229.5	15376.79981	308.33	80.6	48.836017	-86.926132	55751.70	56240.6	9.36	55761.06	55761.54688	55689.61958	55656.30078	505420.6	5409229.5
L5420.0	505420.6	5409229.5	15376.90039	311.18	78.62	48.836017	-86.926132	55750.89	56240.6	9.36	55760.25	55760.48047	55690.86698	55656.89063	505420.6	5409229.5
L5420.0	505420.6	5409231.1	15377.00000	308.57	79.86	48.836032	-86.926132	55749.75	56240.6	9.36	55759.11	55759.08203	55684.90962	55650.27734	505420.6	5409231.1
L5420.0	505420.6	5409232.5	15377.00000	308.57	78.48	48.836045	-86.926132	55749.02	56240.6	9.36	55758.38	55758.09375	55684.27819	55648.99609	505420.6	5409232.5
L5420.0	505420.6	5409233.9	15377.20020	306.34	78.48	48.836057	-86.926132	55748.11	56240.6	9.36	55757.47	55756.92188	55678.77583	55642.85156	505420.6	5409233.9
L5420.0	505420.6	5409233.9	15377.29981	306.85	77.98	48.836057	-86.926132	55747.62	56240.6	9.36	55756.98	55756.17188	55678.80377	55642.23828	505420.6	5409233.9
L5420.0	505420.6	5409235.8	15377.40039	310.34	77.98	48.836074	-86.926132	55746.97	56240.6	9.36	55756.33	55755.25781	55674.14269	55636.94141	505420.6	5409235.8
L5420.0	505420.6	5409237.0	15377.50000	312.17	79.5	48.836084	-86.926132	55746.66	56240.6	9.36	55756.02	55754.68359	55673.71173	55635.88672	505420.6	5409237.0
L5420.0	505420.6	5409238.3	15377.59961	313.54	79.19	48.836097	-86.926132	55746.16	56240.6	9.36	55755.52	55753.91797	55667.83623	55629.39063	505420.6	5409238.3
L5420.0	505420.6	5409239.7	15377.70020	313.84	77.11	48.836109	-86.926132	55746.04	56240.6	9.36	55755.40	55753.53125	55667.03494	55627.97266	505420.6	5409239.7
L5420.0	505420.6	5409240.9	15377.79981	313.04	77.11	48.836120	-86.926132	55745.93	56240.6	9.36	55755.29	55753.15234	55664.45730	55624.78906	505420.6	5409240.9
L5420.0	505420.6	5409242.1	15377.90039	311.63	78.1	48.836130	-86.926132	55746.06	56240.6	9.36	55755.42	55753.01563	55664.52661	55624.26172	505420.6	5409242.1
L5420.0	505420.6	5409242.1	15378.00000	310.70	76.61	48.836130	-86.926132	55746.00	56240.6	9.36	55755.36	55752.68750	55658.83181	55617.97656	505420.6	5409242.1
L5420.0	505420.6	5409243.4	15378.09961	311.69	75.79	48.836142	-86.926132	55746.36	56240.6	9.36	55755.72	55752.78125	55659.43579	55618.00000	505420.6	5409243.4
L5420.0	505420.6	5409245.0	15378.20020	313.60	75.79	48.836157	-86.926132	55746.57	56240.6	9.36	55755.93	55752.72266	55654.96060	55612.95313	505420.6	5409245.0
L5420.0	505420.6	5409245.0	15378.29981	313.33	75.61	48.836157	-86.926132	55747.14	56240.6	9.36	55756.50	55753.02344	55655.76217	55613.19141	505420.6	5409245.0
L5420.0	505420.6	5409246.6	15378.40039	312.79	75.61	48.836172	-86.926132	55747.75	56240.6	9.36	55757.11	55753.36719	55655.33930	55612.21484	505420.6	5409246.6
L5420.0	505420.6	5409247.8	15378.50000	312.73	77.63	48.836182	-86.926132	55748.58	56240.6	9.36	55757.94	55753.92969	55657.42857	55613.76172	505420.6	5409247.8
L5420.0	505420.6	5409249.1	15378.59961	313.98	73.99	48.836194	-86.926132	55749.27	56240.6	9.36	55758.63	55754.35156	55654.49353	55610.29688	505420.6	5409249.1
L5420.0	505420.5	5409250.3	15378.70020	315.00	71.16	48.836205	-86.926132	55750.41	56240.6	9.36	55759.77	55755.22656	55658.91746	55614.19922	505420.5	5409250.3
L5420.0	505420.5	5409251.7	15378.79981	315.61	76.56	48.836217	-86.926133	55751.32	56240.6	9.36	55760.68	55755.87109	55656.39064	55611.16406	505420.5	5409251.7
L5420.0	505420.5	5409253.1	15378.90039	316.62	76.56	48.836230	-86.926133	55752.81	56240.6	9.36	55762.17	55757.09375	55663.97256	55618.25000	505420.5	5409253.1
L5420.0	505420.5	5409253.1	15379.00000	315.29	75.75	48.836230	-86.926133	55753.92	56240.6	9.36	55763.28	55757.94141	55661.43505	55615.23047	505420.5	5409253.1
L5420.0	505420.5	5409254.9	15379.09961	315.29	75.75	48.836245	-86.926133	55755.63	56240.6	9.36	55764.99	55759.38672	55669.36053	55622.68359	505420.5	5409254.9
L5420.0	505420.5	5409256.2	15379.20020	313.35	71.93	48.836258	-86.926133	55757.14	56240.6	9.36	55766.49	55760.62500	55670.74815	55623.61328	505420.5	5409256.2
L5420.0	505420.5	5409257.6	15379.29981	311.75	74.87	48.836270	-86.926133	55759.03	56240.6	9.35	55768.38	55762.25391	55678.11773	55630.53906	505420.5	5409257.6
L5420.0	505420.5	5409258.8	15379.40039	311.54	74.87	48.836281	-86.926133	55760.66	56240.6	9.35	55770.01	55763.62500	55678.01410	55630.00391	505420.5	5409258.8
L5420.0	505420.5	5409258.8	15379.50000	312.52	75.01	48.836281	-86.926133	55762.60	56240.7	9.35	55771.95	55765.30859	55682.23052	55633.80469	505420.5	5409258.8
L5420.0	505420.5	5409260.6	15379.59961	310.28	74.19	48.836297	-86.926133	55764.44	56240.7	9.35	55773.79	55766.89063	55682.38990	55633.56250	505420.5	5409260.6
L5420.0	505420.5	5409261.7	15379.70020	310.36	71.4	48.836307	-86.926133	55766.70	56240.7	9.35	55776.05	55768.89844	55689.07459	55639.85938	505420.5	5409261.7
L5420.0	505420.5	5409262.9	15379.79981	310.35	71.4	48.836318	-86.926133	55768.92	56240.7	9.34	55778.26	55770.85547	55692.78745	55643.19922	505420.5	5409262.9
L5420.0	505420.5	5409264.5	15379.90039	311.90	69.71	48.836332	-86.926133	55771.38	56240.7	9.34	55780.72	55773.06641	55699.58424	55649.64063	505420.5	5409264.5
L5420.0	505420.5	5409265.5	15380.00000	310.08	69.46	48.836341	-86.926133	55773.66	56240.7	9.34	55783.00	55775.10156	55700.95050	55650.66797	505420.5	5409265.5
L5420.0	505420.5	5409266.6	15380.09961	310.95	67.86	48.836351	-86.926133	55776.18	56240.7	9.34	55785.52	55777.37500	55705.28167	55654.67578	505420.5	5409266.6
L5420.0	505420.5	5409267.8	15380.20020	311.63	67.86	48.836362	-86.926133	55778.79	56240.7	9.35	55788.14	55779.75391	55709.84258	55658.92969	505420.5	5409267.8
L5420.0	505420.5	5409267.8	15380.29981	312.15	71.49	48.836362	-86.926133	55781.72	56240.6	9.35	55791.07	55782.44531	55718.79520	55667.58984	505420.5	5409267.8
L5420.0	505420.5	5409269.8	15380.40039	310.21	71.49	48.836380	-86.926133	55784.27	56240.6	9.36	55793.63	55784.76563	55718.90729	55667.42969	505420.5	5409269.8
L5420.0	505420.5	5409271.2	15380.50000	309.68	69.87	48.836392	-86.926133	55787.32	56240.6	9.36	55796.68	55787.58203	55727.08015	55675.34375	505420.5	5409271.2
L5420.0	505420.5	5409271.2	15380.59961	309.77	72.77	48.836392	-86.926133	55790.06	56240.6	9.36	55799.43	55790.10156	55727.95857	55675.98438	505420.5	5409271.2
L5420.0	505420.5	5409272.6	15380.70020	312.41	73.67	48.836405	-86.926133	55793.38	56240.6	9.37	55802.75	55793.19531	55738.62047	55686.42578	505420.5	5409272.6
L5420.0	505420.5	5409274.0	15380.79981	313.40	68.39	48.836417	-86.926133	55796.34	56240.6	9.37	55805.72	55795.94141	55741.18644	55688.78906	505420.5	5409274.0
L5420.0	505420.5	5409275.3	15380.90039	312.40	68.39	48.836429	-86.926133	55799.63	56240.6	9.38	55809.01	55799.01172	55748.83493	55696.25391	505420.5	5409275.3
L5420.0	505420.5	5409275.3	15381.00000	312.21	69.65	48.836429	-86.926133	55802.74	56240.6	9.38	55812.12	55801.90234	55751.86972	55699.12109	505420.5	5409275.3
L5420.0	505420.5	5409276.7	15381.00000	312.21	70.17	48.836442	-86.926132	55806.13	56240.6	9.38	55815.51	55805.07813	55759.38358	55706.48828	505420.5	5409276.7

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5420.0	505420.5	5409278.2	15381.20020	315.36	70.94	48.836456	-86.926132	55809.21	56240.6	9.38	55818.59	55807.94922	55759.89651	55706.87109	505420.5	5409278.2
L5420.0	505420.5	5409280.3	15381.29981	313.38	70.94	48.836474	-86.926132	55812.84	56240.6	9.37	55822.21	55811.36328	55770.15081	55717.01563	505420.5	5409280.3
L5420.0	505420.5	5409280.3	15381.40039	312.80	67.24	48.836474	-86.926132	55815.99	56240.6	9.37	55825.36	55814.31250	55770.43605	55717.21094	505420.5	5409280.3
L5420.0	505420.5	5409281.9	15381.50000	312.85	69.94	48.836488	-86.926132	55819.74	56240.6	9.37	55829.11	55817.86328	55781.76561	55728.46875	505420.5	5409281.9
L5420.0	505420.5	5409283.3	15381.59961	312.47	69.94	48.836501	-86.926132	55822.95	56240.6	9.37	55832.32	55820.88281	55781.94632	55728.59766	505420.5	5409283.3
L5420.0	505420.5	5409284.2	15381.70020	310.88	69.06	48.836509	-86.926132	55826.63	56240.6	9.37	55835.99	55824.36328	55790.53867	55737.15625	505420.5	5409284.2
L5420.0	505420.5	5409285.6	15381.79981	310.88	66.35	48.836522	-86.926132	55830.06	56240.6	9.36	55839.42	55827.60547	55794.01775	55740.62109	505420.5	5409285.6
L5420.0	505420.5	5409286.8	15381.90039	310.94	65.66	48.836532	-86.926132	55833.88	56240.6	9.36	55843.24	55831.24609	55804.56958	55751.17969	505420.5	5409286.8
L5420.0	505420.5	5409286.8	15382.00000	313.69	69.42	48.836532	-86.926132	55837.32	56240.6	9.36	55846.68	55834.51172	55807.51406	55754.15234	505420.5	5409286.8
L5420.0	505420.5	5409288.3	15382.09961	313.65	69.42	48.836547	-86.926132	55841.12	56240.6	9.36	55850.48	55838.14063	55816.94985	55763.63281	505420.5	5409288.3
L5420.0	505420.5	5409290.0	15382.20020	311.54	67.3	48.836561	-86.926132	55844.60	56240.6	9.36	55853.96	55841.45313	55820.14200	55766.89063	505420.5	5409290.0
L5420.0	505420.5	5409290.0	15382.29981	310.99	68.3	48.836561	-86.926132	55848.38	56240.6	9.36	55857.73	55845.06250	55828.48180	55775.31641	505420.5	5409290.0
L5420.0	505420.5	5409291.8	15382.40039	310.74	69.88	48.836578	-86.926132	55851.96	56240.6	9.36	55861.32	55848.49609	55833.34661	55780.28906	505420.5	5409291.8
L5420.0	505420.5	5409293.2	15382.50000	311.47	69.88	48.836591	-86.926132	55855.64	56240.6	9.36	55864.99	55852.01563	55839.53451	55786.60156	505420.5	5409293.2
L5420.0	505420.5	5409294.5	15382.59961	310.31	67.83	48.836602	-86.926132	55859.07	56240.6	9.35	55868.43	55855.30859	55841.57129	55788.78516	505420.5	5409294.5
L5420.0	505420.5	5409295.2	15382.70020	310.38	69.04	48.836609	-86.926132	55862.84	56240.6	9.35	55872.20	55858.93750	55849.41222	55796.78906	505420.5	5409295.2
L5420.0	505420.5	5409296.4	15382.79981	310.89	70.43	48.836619	-86.926132	55866.38	56240.6	9.35	55875.74	55862.33984	55853.23282	55800.79688	505420.5	5409296.4
L5420.0	505420.5	5409297.5	15382.90039	312.80	67.51	48.836629	-86.926132	55870.10	56240.6	9.35	55879.45	55865.91797	55860.06688	55807.83203	505420.5	5409297.5
L5420.0	505420.5	5409299.1	15383.00000	310.05	67.51	48.836644	-86.926132	55873.72	56240.7	9.35	55883.07	55869.41406	55865.44742	55813.43750	505420.5	5409299.1
L5420.0	505420.5	5409299.1	15383.00000	310.05	68.25	48.836644	-86.926132	55877.39	56240.7	9.35	55886.74	55872.96484	55871.84353	55820.07813	505420.5	5409299.1
L5420.0	505420.5	5409300.3	15383.20020	307.14	70.39	48.836654	-86.926132	55880.88	56240.6	9.35	55890.23	55876.33984	55875.34872	55823.84766	505420.5	5409300.3
L5420.0	505420.5	5409301.9	15383.29981	308.04	68.89	48.836669	-86.926132	55884.52	56240.6	9.36	55893.88	55879.87891	55881.86121	55830.64063	505420.5	5409301.9
L5420.0	505420.5	5409303.5	15383.40039	307.97	68.89	48.836683	-86.926132	55887.96	56240.6	9.36	55897.32	55883.21484	55885.04010	55834.12109	505420.5	5409303.5
L5420.0	505420.5	5409304.7	15383.50000	307.13	69.84	48.836693	-86.926132	55891.48	56240.6	9.36	55900.84	55886.63672	55889.93768	55839.33984	505420.5	5409304.7
L5420.0	505420.5	5409304.7	15383.59961	308.37	68.71	48.836693	-86.926132	55894.86	56240.6	9.36	55904.22	55889.92188	55892.75348	55842.49609	505420.5	5409304.7
L5420.0	505420.5	5409306.3	15383.70020	309.20	69.43	48.836708	-86.926132	55898.41	56240.6	9.36	55907.77	55893.38672	55898.98141	55849.08203	505420.5	5409306.3
L5420.0	505420.5	5409308.1	15383.79981	310.89	69.43	48.836725	-86.926132	55901.70	56240.6	9.37	55911.06	55896.59375	55901.03099	55851.50781	505420.5	5409308.1
L5420.0	505420.5	5409309.5	15383.90039	310.73	67.44	48.836737	-86.926132	55905.26	56240.6	9.37	55914.63	55900.08984	55908.59700	55859.46875	505420.5	5409309.5
L5420.0	505420.5	5409310.4	15384.00000	310.56	67.44	48.836745	-86.926132	55908.50	56240.6	9.37	55917.87	55903.25781	55910.70612	55861.99219	505420.5	5409310.4
L5420.0	505420.5	5409310.4	15384.09961	312.20	67.4	48.836745	-86.926132	55911.91	56240.6	9.37	55921.28	55906.60547	55916.45190	55868.16797	505420.5	5409310.4
L5420.0	505420.5	5409311.8	15384.20020	312.37	70.44	48.836757	-86.926132	55915.06	56240.6	9.36	55924.42	55909.68359	55917.77203	55869.93359	505420.5	5409311.8
L5420.0	505420.5	5409313.4	15384.29981	313.39	68.51	48.836772	-86.926132	55918.52	56240.6	9.36	55927.87	55913.08203	55925.42531	55878.05469	505420.5	5409313.4
L5420.0	505420.5	5409314.3	15384.40039	312.17	68.74	48.836780	-86.926132	55921.68	56240.6	9.35	55931.03	55916.19531	55928.27292	55881.38281	505420.5	5409314.3
L5420.0	505420.5	5409315.9	15384.50000	312.93	68.74	48.836794	-86.926132	55924.76	56240.6	9.35	55934.11	55919.23047	55930.21497	55883.82422	505420.5	5409315.9
L5420.0	505420.5	5409316.6	15384.59961	314.70	66.56	48.836801	-86.926132	55927.80	56240.7	9.35	55937.14	55922.22656	55931.82661	55885.94922	505420.5	5409316.6
L5420.0	505420.5	5409317.7	15384.70020	313.93	66.85	48.836811	-86.926132	55931.12	56240.7	9.34	55940.46	55925.51563	55939.55575	55894.21094	505420.5	5409317.7
L5420.0	505420.5	5409317.7	15384.79981	312.19	66.85	48.836811	-86.926132	55934.18	56240.7	9.34	55943.51	55928.53906	55942.82798	55898.02734	505420.5	5409317.7
L5420.0	505420.5	5409319.4	15384.90039	312.61	65.99	48.836826	-86.926132	55937.28	56240.7	9.33	55946.62	55931.62891	55947.88821	55903.65234	505420.5	5409319.4
L5420.0	505420.5	5409321.0	15385.00000	312.89	69.44	48.836840	-86.926132	55940.20	56240.7	9.33	55949.53	55934.52344	55949.82943	55906.16797	505420.5	5409321.0
L5420.0	505420.5	5409322.3	15385.00000	312.89	70	48.836853	-86.926132	55943.18	56240.7	9.33	55952.51	55937.49609	55953.76051	55910.69141	505420.5	5409322.3
L5420.0	505420.5	5409322.3	15385.20020	309.47	70	48.836853	-86.926132	55946.04	56240.7	9.33	55955.37	55940.35156	55956.10928	55913.64453	505420.5	5409322.3
L5420.0	505420.5	5409324.5	15385.29981	308.88	70.03	48.836872	-86.926132	55949.02	56240.7	9.34	55958.36	55943.34375	55961.56780	55919.72266	505420.5	5409324.5
L5420.0	505420.5	5409325.8	15385.40039	310.19	63.61	48.836884	-86.926132	55951.86	56240.7	9.34	55961.19	55946.18359	55964.71313	55923.50000	505420.5	5409325.8
L5420.0	505420.5	5409325.8	15385.50000	309.46	61.92	48.836884	-86.926132	55954.64	56240.7	9.34	55963.98	55948.98438	55967.80185	55927.23438	505420.5	5409325.8
L5420.0	505420.5	5409327.7	15385.59961	307.81	61.92	48.836901	-86.926132	55957.27	56240.7	9.34	55966.61	55951.63281	55968.62001	55928.71094	505420.5	5409327.7
L5420.0	505420.5	5409329.1	15385.70020	308.52	63.77	48.836913	-86.926132	55960.00	56240.7	9.34	55969.34	55954.38672	55971.98723	55932.74609	505420.5	5409329.1
L5420.0	505420.5	5409330.5	15385.79981	310.09	66.01	48.836926	-86.926132	55962.63	56240.7	9.35	55971.98	55957.05469	55974.38856	55935.83203	505420.5	5409330.5
L5420.0	505420.5	5409330.5	15385.90039	310.00	66.01	48.836926	-86.926132	55965.46	56240.7	9.35	55974.81	55959.92188	55981.00492	55943.14063	505420.5	5409330.5
L5420.0	505420.5	5409332.6	15386.00000	310.05	68.16	48.836945	-86.926132	55968.02	56240.7	9.35	55977.37	55962.51953	55983.33673	55946.17578	505420.5	5409332.6
L5420.0	505420.5	5409333.8	15386.09961	309.77	69.92	48.836955	-86.926132	55970.75	56240.7	9.35	55980.10	55965.29297	55989.53755	55953.08984	505420.5	5409333.8
L5420.0	505420.5	5409333.8	15386.20020	310.91	69.92	48.836955	-86.926132	55973.46	56240.7	9.35	55982.81	55968.05078	55996.10623	55960.38281	505420.5	5409333.8
L5420.0	505420.5	5409336.5	15386.29981	311.81	69.47	48.836980	-86.926132	55975.91	56240.7	9.35	55985.25	55970.54297	55998.36967	55963.37891	505420.5	5409336.5
L5420.0	505420.5	5409336.5	15386.40039	311.52	68.12	48.836980	-86.926132	55978.16	56240.7	9.35	55987.51	55972.86328	55997.96160	55963.71094	505420.5	5409336.5
L5420.0	505420.5	5409337.9	15386.50000	310.56	68.12	48.836993	-86.926132	55980.72	56240.7	9.35	55990.06	55975.47656	56003.73595	55970.23438	505420.5	5409337.9
L5420.0	505420.5	5409339.0	15386.59961	311.05	66.85	48.837003	-86.926132	55982.89	56240.7	9.34	55992.24	55977.72266	56003.21345	55970.46875	505420.5	5409339.0
L5420.0	505420.5	5409340.7	15386.70020	313.23	69.01	48.837017	-86.926132	55985.27	56240.7	9.34	55994.61	55980.16406	56007.01256	55975.03516	505420.5	5409340.7
L5420.0	505420.5	5409340.7	15386.79981	314.51	70.14	48.837017	-86.926132	55987.42	56240.7	9.34	55996.76	55982.39063	56007.29483	55976.08984	505420.5	5409340.7
L5420.0	505420.5	5409342.0	15386.90039	311.63	70.14	48.837030	-86.926132	55989.65	56240.7	9.34	55998.99	55984.69922	56009.80835	55979.37891	505420.5	5409342.0
L5420.0	505420.5	5409343.4	15387.00000	313.00	64.87	48.837042	-86.926131	55991.74	56240.7	9.34	56001.08	55986.87500	56010.29820	55980.65234	505420.5	5409343.4
L5420.0	505420.5	5409344.5	15387.00000	313.00	64.87	48.837052	-86.926131	55993.97	56240.7	9.34	56003.31	55989.19141	56014.19710	55985.33984	505420.5	5409344.5
L5420.0	505420.5	5409345.5	15387.20020	314.40	69.87	48.837061	-86.926131	55996.02	56240.7	9.34	56005.36	55991.33594	56015.27097	55987.20703	505420.5	5409345.5
L5420.0	505420.6	5409347.1	15387.29981	314.44	69.2	48.837075	-86.926131	55997.99	56240.7	9.34	56007.33	55993.39844	56015.45115	55988.18359	505420.6	5409347.1
L5420.0	505420.6	5409348.0	15387.40039	311.39	67.55	48.837083	-86.926131	55999.99	56240.7	9.34	56009.33	55995.50000	56016.88200	55990.41797	505420.6	5409348.0
L5420.0	505420.5	5409349.1	15387.50000	311.36	67.74	48.837093	-86.926131	56002.12	56240.7	9.34	56011.46	55997.73438	56021.51974	55995.85938	505420.5	5409349.1
L5420.0	505420.5	5409350.2	15387.59961	310.89	67.74	48.837104	-86.926131	56004.09	56240.7	9.34	56013.43	55999.80859	56023.66962	55998.81641	505420.5	5409350.2
L5420.0	505420.6	5409351.6	15387.70020	310.56	68.62	48.837116	-86.926131	56006.12	56240.7	9.34	56015.46	56001.94922	56027.63549	56003.58984	505420.6	5409351.6
L5420.0	505420.6	5409351.6	15387.79981	309.34	69.08	48.837116	-86.926131	56008.04	56240.7	9.34	56017.38	56003.98438	56030.06994	56006.83203	505420.6	5409351.6
L5420.0	505420.6	5409353.0	15387.90039	309.84	69.08	48.837128	-86.926131	56010.03	56240.7	9.34	56019.37	56006.08984	56034.49764	56012.07422	505420.6	5409353.0
L5420.0	505420.6	5409354.2	15388.00000	311.15	69.08	48.837139	-86.926131	56011.68	56240.7	9.34	56021.02	56007.85938	56032.83798	56011.22266	505420.6	5409354.2
L5420.0	505420.6	5409356.2	15388.09961	311.98	69.21	48.837157	-86.926131	56013.47	56240.7	9.34	56022.81	56009.76953	56034.52038	56013.71875	505420.6	5409356.2
L5420.0	505420.6	5409356.9	15388.20020	311.04	69.21	48.837163	-86.926131	56015.17	56240.7	9.34	56024.51	56011.59766	56034.99961	56015.00781	505420.6	5409356.9
L5420.0	505420.6	5409358.3	15388.29981	310.32	68.87	48.837176	-86.926131	56016.89	56240.7	9.34	56026.23	56013.44531	56036.43348	56017.25000	505420.6	5409358.3
L5420.0	505420.6	5409358.3	15388.40039	311.13	66	48.837176	-86.926131	56018.66	56240.7	9.34	56028.00	56015.34375	56039.41222	56021.03906	505420.6	5409358.3
L5420.0	505420.6	5409359.9	15388.50000	312.81	65.62	48.837190	-86.926131	56020.33	56240.7	9.34	56029.67	56017.14453	56040.93962	56023.37109	505420.6	5409359.9
L5420.0	505420.6	5409361.3	15388.59961	313.32	65.62	48.837203	-86.926131	56022.00	56240.7	9.34	56031.34	56018.94922	56042.99262	56026.22656	505420.6	5409361.3
L5420.0	505420.6	5409362.2	15388.70020	313.15	66.78	48.837211	-86.926131	56023.57	56240.7	9.34	56032.91	56020.65625	56043.54337	56027.57813	505420.6	5409362.2
L5420.0	505420.6	5409363.6	15388.79981	313.42	65.78	48.837223	-86.926130	56025.36	56240.7	9.34	56034.70	56022.58594	56049.04461	56033.87500	505420.6	5409363.6
L5420.0	505420.6	5409364.9	15388.90039	313.66	65.78	48.837236	-86.926130	56026.83	56240.7	9.34	56036.17	56024.19531	56048.54586	56034.16797	505420.6	5409364.9
L5420.0	505420.6	5409366.3	15389.00000	312.09	66.05	48.837248	-86.926130	56028.40	56240.7	9.34	56037.74	56025.90625	56050.54462	56036.95313	505420.6	5409366.3
L5420.0	505420.6	5409367.4	15389.00000	312.09	66.05	48.837258	-86.926130	56029.82	56240.7	9.34	56039.16	56027.46875	56049.92023	56037.11328	505420.6	5409367.4
L5420.0	505420.6	5409368.6	15389.20020	313.35	63.65	48.837268	-86.926130	56031.20	56240.7	9.34	56040.54	56028.99609	56048.89843	56036.86719	505420.6	5409368.6
L5420.0	505420.6	5409368.6	15389.29981	315.43	65.54	48.837268	-86.926130	56032.63	56240.7	9.34	56041.96	56030.56250	56049.12047	56037.85938	505420.6	5409368.6
L5420.0	505420.6	5409369.9	15389.40039	314.52	68.59	48.837281	-86.926130	56034.14	56240.7	9.34	56043.48	56032.23047	56051.83085	56041.33203	505420.6	5409369.9
L5420.0	505420.6	5409371.4	15389.50000	314.11	68.59	48.837294	-86.926130	56035.58	56240.7	9.34	56044.92	56033.81641	56053.29274	56043.55078	505420.6	5409371.4
L5420.0	505420.6	5409371.4	15389.59961	312.56	68.72	48.837294	-86.926130	56037.10	56240.7	9.34	56046.44	56035.48828	56056.81365	56047.82031	505420.6	5409371.4
L5420.0	505420.6	5409373.2	15389.70020	313.35	68.72	48.837310	-86.926130	56038.49	56240.7	9.34	56047.83	56037.02734	56058.01564	56049.76563	505420.6	5409373.2
L5420.0	505420.6	5409374.8	15389.79981	312.17	67.4	48.837325	-86.926130	56039.86	56240.7	9.34	56049.20	56038.54688	56059.17178	56051.65234	505420.6	5409374.8
L5420.0	505420.6	5409376.2	15389.90039	310.96	67.93	48.837337	-86.926130	56041.27	56240.7	9.34	56050.61	56040.10938	56061.51421	56054.71875	505420.6	5409376.2
L5420.0	505420.6	5409377.6	15390.00000	310.66	67.66	48.837350	-86.926130	56042.64	56240.7	9.34	56051.98	56041.62891	56063.36944	56057.28906	505420.6	5409377.6
L5420.0	505420.6	5409377.6	15390.09961	312.02	67.93	48.837350	-86.926130	56043.97	56240.7	9.34	56053.31	56043.10938	56064.73023	56059.35547	505420.6	5409377.6
L5420.0	505420.6	5409379.7	15390.20020	313.84	67.06	48.837369	-86.926130	56045.44	56240.7	9.34	56054.78	56044.73438	56069.28359	56064.60547	505420.6	5409379.7
L5420.0	505420.6	5409380.9	15390.29981	314.36	67.06	48.837379	-86.926131	56046.69	56240.7	9.34	56056.03	56046.13672	56069.62518	56065.63281	505420.6	5409380.9
L5420.0	505420.6	5409382.3	15390.40039	313.04	67.46	48.837392	-86.926131	56048.07	56240.7	9.34	56057.42	56047.67578	56073.11748	56069.80078	505420.6	5409382.3

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5420.0	505420.6	5409382.3	15390.50000	312.98	67.46	48.837392	-86.926131	56049.16	56240.7	9.34	56058.51	56048.91797	56070.81387	56068.16016	505420.6	5409382.3
L5420.0	505420.6	5409383.7	15390.59961	313.47	63.19	48.837404	-86.926131	56050.38	56240.7	9.35	56059.72	56050.27734	56071.23693	56069.23438	505420.6	5409383.7
L5420.0	505420.6	5409384.9	15390.70020	313.57	64.61	48.837415	-86.926131	56051.39	56240.7	9.35	56060.73	56051.44141	56067.94172	56066.58203	505420.6	5409384.9
L5420.0	505420.5	5409386.5	15390.79981	311.35	64.61	48.837430	-86.926131	56052.66	56240.7	9.35	56062.01	56052.87109	56070.31201	56069.58203	505420.5	5409386.5
L5420.0	505420.5	5409387.9	15390.90039	309.13	65.97	48.837442	-86.926131	56053.84	56240.7	9.35	56063.19	56054.19922	56070.93742	56070.82422	505420.5	5409387.9
L5420.0	505420.5	5409387.9	15391.00000	311.44	63.2	48.837442	-86.926131	56055.01	56240.7	9.35	56064.36	56055.51953	56071.60302	56072.09375	505420.5	5409387.9
L5420.0	505420.5	5409389.5	15391.00000	311.44	65.47	48.837457	-86.926131	56056.29	56240.7	9.35	56065.64	56056.94531	56074.63430	56075.71484	505420.5	5409389.5
L5420.0	505420.5	5409391.2	15391.20020	311.19	65.47	48.837472	-86.926131	56057.43	56240.7	9.35	56066.78	56058.23438	56075.13874	56076.79688	505420.5	5409391.2
L5420.0	505420.5	5409392.6	15391.29981	312.22	65.64	48.837484	-86.926131	56058.60	56240.7	9.34	56067.94	56059.53906	56076.22984	56078.45313	505420.5	5409392.6
L5420.0	505420.5	5409392.6	15391.40039	312.33	65.64	48.837484	-86.926131	56059.86	56240.7	9.34	56069.20	56060.94141	56079.41247	56082.18750	505420.5	5409392.6
L5420.0	505420.5	5409393.8	15391.50000	311.89	65.5	48.837495	-86.926131	56061.06	56240.7	9.34	56070.40	56062.28516	56081.60100	56084.91406	505420.5	5409393.8
L5420.0	505420.5	5409395.1	15391.59961	310.33	55.62	48.837507	-86.926131	56062.14	56240.7	9.34	56071.48	56063.50781	56081.67524	56085.51172	505420.5	5409395.1
L5420.0	505420.5	5409396.5	15391.70020	310.33	55.84	48.837520	-86.926131	56063.18	56240.7	9.34	56072.52	56064.68750	56081.16388	56085.50781	505420.5	5409396.5
L5420.0	505420.5	5409397.5	15391.79981	310.46	55.81	48.837529	-86.926131	56064.19	56240.7	9.33	56073.53	56065.83594	56080.25364	56085.09375	505420.5	5409397.5
L5420.0	505420.5	5409398.9	15391.90039	312.25	55.81	48.837541	-86.926131	56065.35	56240.7	9.33	56074.68	56067.12500	56082.08500	56087.40625	505420.5	5409398.9
L5420.0	505420.5	5409398.9	15392.00000	312.49	64.12	48.837541	-86.926131	56066.46	56240.7	9.33	56075.79	56068.37109	56083.29101	56089.07813	505420.5	5409398.9
L5420.0	505420.5	5409400.8	15392.09961	310.51	63.52	48.837558	-86.926131	56067.68	56240.7	9.33	56077.01	56069.72266	56086.61743	56092.85547	505420.5	5409400.8
L5420.0	505420.5	5409402.2	15392.20020	309.50	65.77	48.837571	-86.926131	56068.74	56240.7	9.33	56078.07	56070.91797	56087.10895	56093.78125	505420.5	5409402.2
L5420.0	505420.5	5409402.2	15392.29981	309.58	64.17	48.837571	-86.926131	56069.76	56240.7	9.33	56079.09	56072.06641	56086.97215	56094.06641	505420.5	5409402.2
L5420.0	505420.5	5409404.5	15392.40039	311.05	64.17	48.837592	-86.926131	56070.96	56240.7	9.33	56080.30	56073.40625	56090.35587	56097.85547	505420.5	5409404.5
L5420.0	505420.5	5409404.5	15392.50000	311.54	61.71	48.837592	-86.926131	56072.01	56240.7	9.33	56081.34	56074.57031	56090.73837	56098.62500	505420.5	5409404.5
L5420.0	505420.5	5409406.4	15392.59961	311.23	62.62	48.837608	-86.926131	56073.02	56240.7	9.34	56082.35	56075.70703	56090.65464	56098.91797	505420.5	5409406.4
L5420.0	505420.5	5409407.8	15392.70020	309.58	61.6	48.837621	-86.926131	56073.88	56240.7	9.34	56083.21	56076.68750	56087.96455	56096.58594	505420.5	5409407.8
L5420.0	505420.5	5409409.4	15392.79981	309.86	61.6	48.837636	-86.926131	56074.89	56240.7	9.34	56084.22	56077.82031	56088.01665	56096.98438	505420.5	5409409.4
L5420.0	505420.5	5409410.8	15392.90039	310.62	60.99	48.837648	-86.926131	56076.02	56240.7	9.34	56085.36	56079.07813	56090.41529	56099.71094	505420.5	5409410.8
L5420.0	505420.5	5409411.5	15393.00000	309.45	60.99	48.837655	-86.926131	56077.14	56240.7	9.34	56086.48	56080.31250	56092.48575	56102.09375	505420.5	5409411.5
L5420.0	505420.5	5409412.9	15393.00000	309.45	63.47	48.837667	-86.926131	56078.25	56240.7	9.34	56087.59	56081.53516	56094.40189	56104.30859	505420.5	5409412.9
L5420.0	505420.5	5409414.3	15393.20020	310.50	65.1	48.837680	-86.926131	56079.32	56240.7	9.34	56088.66	56082.71875	56095.64026	56105.82813	505420.5	5409414.3
L5420.0	505420.5	5409414.3	15393.29981	311.97	67.18	48.837680	-86.926131	56080.48	56240.7	9.34	56089.82	56083.98828	56098.45142	56108.90625	505420.5	5409414.3
L5420.0	505420.5	5409415.7	15393.40039	310.09	66.86	48.837693	-86.926131	56081.49	56240.7	9.34	56090.84	56085.11328	56098.86139	56109.56641	505420.5	5409415.7
L5420.0	505420.5	5409415.7	15393.50000	310.84	66.86	48.837693	-86.926131	56082.40	56240.7	9.35	56091.74	56086.11719	56097.25344	56108.19531	505420.5	5409415.7
L5420.0	505420.5	5409418.1	15393.59961	311.28	67.17	48.837714	-86.926131	56083.56	56240.7	9.35	56092.90	56087.37891	56100.09825	56111.26172	505420.5	5409418.1
L5420.0	505420.5	5409419.0	15393.70020	313.72	67.04	48.837722	-86.926130	56084.58	56240.7	9.35	56093.93	56088.51172	56100.74895	56112.11719	505420.5	5409419.0
L5420.0	505420.5	5409420.1	15393.79981	311.98	67.71	48.837732	-86.926130	56085.59	56240.7	9.35	56094.93	56089.60938	56100.91444	56112.47656	505420.5	5409420.1
L5420.0	505420.6	5409421.2	15393.90039	310.79	67.71	48.837742	-86.926130	56086.68	56240.7	9.35	56096.03	56090.80078	56102.77263	56114.50781	505420.6	5409421.2
L5420.0	505420.6	5409422.4	15394.00000	308.24	66.71	48.837753	-86.926130	56088.02	56240.7	9.35	56097.37	56092.23438	56108.64122	56120.53516	505420.6	5409422.4
L5420.0	505420.6	5409423.8	15394.09961	308.61	64.93	48.837765	-86.926130	56089.13	56240.7	9.35	56098.48	56093.43750	56110.67471	56122.71484	505420.6	5409423.8
L5420.0	505420.6	5409425.2	15394.20020	309.14	65.87	48.837777	-86.926129	56090.19	56240.7	9.35	56099.53	56094.57422	56111.72612	56123.89844	505420.6	5409425.2
L5420.0	505420.6	5409426.3	15394.29981	308.77	65.87	48.837788	-86.926129	56091.18	56240.7	9.34	56100.52	56095.64844	56111.79960	56124.08984	505420.6	5409426.3
L5420.0	505420.6	5409427.4	15394.40039	308.21	67.54	48.837798	-86.926129	56092.14	56240.7	9.34	56101.48	56096.69141	56111.39230	56123.78516	505420.6	5409427.4
L5420.0	505420.6	5409427.4	15394.50000	308.37	66.07	48.837798	-86.926129	56093.07	56240.7	9.34	56102.41	56097.70313	56110.49981	56122.98047	505420.6	5409427.4
L5420.0	505420.7	5409428.8	15394.59961	309.30	66.07	48.837810	-86.926129	56094.24	56240.7	9.34	56103.58	56098.95313	56113.62862	56126.18359	505420.7	5409428.8
L5420.0	505420.7	5409430.4	15394.70020	308.92	65.33	48.837825	-86.926128	56095.10	56240.7	9.34	56104.44	56099.89063	56111.59300	56124.20703	505420.7	5409430.4
L5420.0	505420.7	5409431.8	15394.79981	311.57	64.33	48.837837	-86.926128	56096.21	56240.7	9.33	56105.54	56101.06641	56113.59902	56126.26172	505420.7	5409431.8
L5420.0	505420.7	5409433.1	15394.90039	310.55	62.21	48.837849	-86.926128	56097.38	56240.7	9.33	56106.71	56102.30859	56116.82670	56129.51953	505420.7	5409433.1
L5420.0	505420.7	5409433.1	15395.00000	311.40	62.21	48.837849	-86.926128	56098.44	56240.7	9.33	56107.77	56103.43750	56118.23798	56130.95313	505420.7	5409433.1
L5420.0	505420.7	5409434.7	15395.00000	311.40	59.86	48.837863	-86.926128	56099.30	56240.7	9.33	56108.63	56104.36719	56116.26497	56128.98438	505420.7	5409434.7
L5420.0	505420.7	5409435.9	15395.20020	309.28	59.7	48.837874	-86.926127	56100.46	56240.7	9.33	56109.79	56105.59375	56119.47281	56132.18750	505420.7	5409435.9
L5420.0	505420.7	5409436.8	15395.29981	311.23	52.43	48.837882	-86.926127	56101.54	56240.7	9.33	56110.87	56106.73828	56121.37307	56134.07031	505420.7	5409436.8
L5420.0	505420.7	5409437.9	15395.40039	310.67	52.43	48.837892	-86.926127	56102.74	56240.7	9.33	56112.07	56108.00000	56125.44857	56138.11719	505420.7	5409437.9
L5420.0	505420.8	5409439.3	15395.50000	311.02	62.18	48.837905	-86.926127	56103.67	56240.7	9.32	56112.99	56108.98047	56124.70178	56137.32422	505420.8	5409439.3
L5420.0	505420.8	5409440.7	15395.59961	310.38	62.18	48.837917	-86.926127	56104.77	56240.7	9.32	56114.09	56110.13672	56127.21110	56139.78125	505420.8	5409440.7
L5420.0	505420.8	5409441.8	15395.70020	310.20	55.29	48.837927	-86.926127	56105.76	56240.7	9.32	56115.09	56111.19531	56128.04859	56140.55469	505420.8	5409441.8
L5420.0	505420.8	5409442.8	15395.79981	310.21	59.26	48.837936	-86.926127	56106.89	56240.7	9.32	56116.21	56112.37109	56131.15813	56143.58594	505420.8	5409442.8
L5420.0	505420.8	5409443.9	15395.90039	311.83	60.09	48.837946	-86.926127	56107.84	56240.7	9.32	56117.16	56113.37500	56131.34038	56143.67969	505420.8	5409443.9
L5420.0	505420.8	5409443.9	15396.00000	310.80	60.09	48.837946	-86.926127	56108.86	56240.7	9.32	56118.18	56114.44531	56132.93968	56145.17969	505420.8	5409443.9
L5420.0	505420.8	5409445.7	15396.09961	311.23	61.14	48.837963	-86.926126	56109.90	56240.7	9.32	56119.22	56115.53906	56135.08574	56147.21875	505420.8	5409445.7
L5420.0	505420.8	5409447.1	15396.20020	311.29	58.62	48.837975	-86.926126	56110.83	56240.7	9.33	56120.16	56116.52734	56135.59521	56147.60938	505420.8	5409447.1
L5420.0	505420.8	5409448.5	15396.29981	312.07	57.51	48.837988	-86.926126	56111.79	56240.7	9.33	56121.12	56117.53516	56136.69450	56148.57813	505420.8	5409448.5
L5420.0	505420.8	5409449.4	15396.40039	312.94	57.51	48.837996	-86.926126	56112.76	56240.7	9.33	56122.09	56118.55078	56138.23379	56149.98047	505420.8	5409449.4
L5420.0	505420.8	5409450.8	15396.50000	310.52	60.29	48.838008	-86.926126	56113.79	56240.7	9.33	56123.12	56119.62500	56141.18283	56152.78125	505420.8	5409450.8
L5420.0	505420.9	5409452.2	15396.59961	310.37	51.76	48.838021	-86.926126	56114.78	56240.7	9.34	56124.11	56120.66016	56143.71374	56155.15625	505420.9	5409452.2
L5420.0	505420.9	5409452.2	15396.70020	311.46	60.27	48.838021	-86.926126	56115.71	56240.7	9.34	56125.05	56121.64453	56145.66761	56156.94531	505420.9	5409452.2
L5420.0	505420.9	5409453.6	15396.79981	313.42	60.27	48.838033	-86.926125	56116.52	56240.7	9.34	56125.86	56122.49609	56145.56772	56156.67188	505420.9	5409453.6
L5420.0	505420.9	5409454.7	15396.90039	311.24	53.41	48.838044	-86.926125	56117.43	56240.7	9.35	56126.78	56123.45703	56147.96424	56158.88672	505420.9	5409454.7
L5420.0	505420.9	5409456.1	15397.00000	310.87	53.41	48.838056	-86.926125	56118.42	56240.7	9.35	56127.77	56124.48828	56152.15309	56162.88281	505420.9	5409456.1
L5420.0	505420.9	5409457.3	15397.00000	310.87	52.92	48.838067	-86.926125	56119.25	56240.7	9.35	56128.60	56125.35938	56153.82964	56164.36328	505420.9	5409457.3
L5420.0	505420.9	5409458.2	15397.20020	312.18	55.46	48.838075	-86.926125	56119.91	56240.7	9.35	56129.26	56126.05859	56152.83702	56163.16797	505420.9	5409458.2
L5420.0	505420.9	5409459.8	15397.29981	312.38	55.46	48.838089	-86.926124	56120.83	56240.7	9.35	56130.18	56127.01563	56157.35725	56167.47656	505420.9	5409459.8
L5420.0	505420.9	5409459.8	15397.40039	311.51	56.52	48.838089	-86.926124	56121.45	56240.7	9.35	56130.80	56127.67578	56156.83021	56166.73438	505420.9	5409459.8
L5420.0	505421.0	5409461.2	15397.50000	311.72	56.08	48.838102	-86.926124	56122.17	56240.7	9.35	56131.52	56128.43359	56158.87483	56168.55469	505421.0	5409461.2
L5420.0	505421.0	5409462.3	15397.59961	312.18	56.01	48.838112	-86.926124	56122.88	56240.7	9.35	56132.22	56129.17188	56161.26092	56170.71094	505421.0	5409462.3
L5420.0	505421.0	5409463.5	15397.70020	311.79	56.01	48.838122	-86.926123	56123.57	56240.7	9.35	56132.92	56129.91016	56164.40986	56173.62891	505421.0	5409463.5
L5420.0	505421.0	5409464.7	15397.79981	311.42	57.23	48.838133	-86.926123	56124.24	56240.7	9.35	56133.59	56130.61719	56167.79444	56176.77344	505421.0	5409464.7
L5420.0	505421.1	5409466.5	15397.90039	311.82	57.23	48.838149	-86.926123	56124.89	56240.7	9.35	56134.24	56131.30469	56171.64484	56180.37891	505421.1	5409466.5
L5420.0	505421.1	5409467.9	15398.00000	312.54	56.79	48.838162	-86.926122	56125.25	56240.7	9.35	56134.60	56131.69922	56170.88866	56179.37109	505421.1	5409467.9
L5420.0	505421.1	5409467.9	15398.09961	312.18	54.12	48.838162	-86.926122	56125.61	56240.7	9.35	56134.95	56132.08984	56170.87336	56179.10547	505421.1	5409467.9
L5420.0	505421.1	5409469.2	15398.20020	310.89	54.12	48.838174	-86.926122	56125.88	56240.7	9.35	56135.23	56132.40625	56170.49520	56178.46875	505421.1	5409469.2
L5420.0	505421.1	5409470.7	15398.29981	309.96	49.05	48.838187	-86.926122	56126.26	56240.7	9.34	56135.61	56132.82422	56173.00277	56180.71484	505421.1	5409470.7
L5420.0	505421.2	5409472.6	15398.40039	309.62	49.05	48.838204	-86.926121	56126.24	56240.7	9.34	56135.58	56132.83203	56168.78189	56176.23047	505421.2	5409472.6
L5420.0	505421.2	5409474.0	15398.50000	310.54	52.44	48.838217	-86.926121	56126.36	56240.7	9.34	56135.70	56132.99219	56168.45331	56175.63281	505421.2	5409474.0
L5420.0	505421.2	5409474.0	15398.59961	311.81	50.8	48.838217	-86.926121	56126.61	56240.7	9.34	56135.95	56133.28125	56171.65164	56178.56250	505421.2	5409474.0
L5420.0	505421.2	5409475.4	15398.70020	310.82	50.8	48.838229	-86.926120	56126.72	56240.7	9.34	56136.06	56133.43359	56173.30020	56179.93750	505421.2	5409475.4
L5420.0	505421.2	5409475.4	15398.79981	310.08	40.8	48.838229	-86.926120	56126.64	56240.7	9.33	56135.98	56133.39453	56172.48910	56178.85547	505421.2	5409475.4
L5420.0	505421.3	5409477.2	15398.90039	311.20	40.77	48.838246	-86.926119	56126.64	56240.7	9.33	56135.98	56133.43750	56174.30750	56180.39453	505421.3	5409477.2
L5420.0	505421.3	5409478.6	15399.00000	313.50	35.59	48.838258	-86.926119	56126.43	56240.7	9.33	56135.76	56133.26172	56173.16146	56178.97266	505421.3	5409478.6
L5420.0	505421.4	5409480.0	15399.00000	313.50	35.59	48.838271	-86.926118	56126.42	56240.7	9.33	56135.75	56133.29297	56177.06821	56182.59766	505421.4	5409480.0
L5420.0	505421.4	5409480.0	15399.20020	311.46	35.59	48.838271	-86.926118	56126.06	56240.7	9.32	56135.38	56132.96875	56175.46377	56180.71484	505421.4	5409480.0
L5420.0	505421.4	5409481.8	15399.29981	311.53	41.67	48.838287	-86.926118	56125.88	56240.7	9.32	56135.20	56132.83594	56178.52415	56183.49219	505421.4	5409481.8
L5420.0	505421.5	5409483.4	15399.40039	314.88	49.97	48.838302	-86.926117	56125.30	56240.7	9.32	56134.61	56132.29297	56175.24679	56179.93359	505421.5	5409483.4
L5420.0	505421.5	5409483.4	15399.50000	314.01	47.48	48.838302	-86.926117	56124.79	56240.7	9.32	56134.11	56131.84375	56174.80145	56179.20703	505421.5	5409483.4
L5420.0	505421.5	5409485.9	15399.59961	311.58	47.48	48.838324	-86.926116	56124.02	56240.7	9.31	56133.33	56131.11328	56170.47837	56174.60156	505421.5	5409485.9
L5420.0	505421.6	5409487.4	15399.70020	311.01	45.77	48.838338	-86.926115	56123.33	56240.7	9.31	56132.64	56130.47266	56168.96654	56172.80859	505421.6	5409487.4

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5420.0	505421.6	5409488.9	15399.79981	310.78	47.69	48.838350	-86.926114	56122.34	56240.7	9.31	56131.65	56129.53906	56163.27912	56166.83984	505421.6	5409488.9
L5420.0	505421.6	5409488.9	15399.90039	311.67	47.69	48.838350	-86.926114	56121.54	56240.7	9.30	56130.84	56128.78125	56161.96584	56165.24609	505421.6	5409488.9
L5420.0	505421.7	5409490.1	15400.00000	309.58	45.83	48.838361	-86.926114	56120.56	56240.7	9.30	56129.86	56127.85938	56158.79051	56161.78906	505421.7	5409490.1
L5420.0	505421.7	5409491.7	15400.09961	309.01	40.99	48.838376	-86.926113	56119.91	56240.7	9.30	56129.22	56127.27734	56162.67840	56165.39844	505421.7	5409491.7
L5420.0	505421.8	5409493.1	15400.20020	309.14	40.99	48.838389	-86.926113	56118.81	56240.7	9.30	56128.11	56126.22656	56159.43471	56161.87891	505421.8	5409493.1
L5420.0	505421.8	5409493.1	15400.29981	311.67	44.54	48.838389	-86.926113	56117.71	56240.7	9.31	56127.02	56125.19922	56157.62049	56159.78906	505421.8	5409493.1
L5420.0	505421.8	5409495.0	15400.40039	309.07	38.22	48.838406	-86.926112	56116.55	56240.7	9.31	56125.86	56124.10156	56155.64701	56157.54297	505421.8	5409495.0
L5420.0	505421.9	5409496.1	15400.50000	307.67	38.22	48.838416	-86.926111	56115.54	56240.7	9.31	56124.85	56123.16016	56157.26425	56158.88672	505421.9	5409496.1
L5420.0	505421.9	5409496.1	15400.59961	309.97	38.22	48.838416	-86.926111	56114.14	56240.7	9.31	56123.46	56121.83594	56153.35574	56154.71094	505421.9	5409496.1
L5420.0	505421.9	5409497.8	15400.70020	310.64	40.6	48.838431	-86.926111	56112.88	56240.7	9.31	56122.20	56120.64453	56152.63651	56153.72656	505421.9	5409497.8
L5420.0	505421.9	5409499.2	15400.79981	309.39	43.1	48.838443	-86.926110	56111.34	56240.7	9.32	56120.66	56119.17969	56148.08201	56148.90625	505421.9	5409499.2
L5420.0	505422.0	5409500.3	15400.90039	308.77	43.63	48.838454	-86.926110	56109.92	56240.7	9.32	56119.24	56117.83203	56146.47595	56147.03906	505422.0	5409500.3
L5420.0	505422.0	5409501.7	15401.00000	310.67	43.63	48.838466	-86.926110	56108.25	56240.7	9.32	56117.57	56116.23828	56141.49477	56141.80078	505422.0	5409501.7
L5420.0	505422.0	5409502.9	15401.00000	310.67	38.43	48.838477	-86.926109	56106.70	56240.7	9.32	56116.02	56114.76563	56139.39603	56139.44922	505422.0	5409502.9
L5420.0	505422.0	5409504.3	15401.20020	312.41	44.65	48.838489	-86.926109	56105.02	56240.7	9.32	56114.34	56113.16797	56135.89440	56135.69531	505422.0	5409504.3
L5420.0	505422.0	5409504.3	15401.29981	311.83	44.65	48.838489	-86.926109	56103.47	56240.7	9.32	56112.79	56111.69922	56135.38298	56134.93750	505422.0	5409504.3
L5420.0	505422.0	5409505.7	15401.40039	310.68	41.23	48.838502	-86.926109	56101.77	56240.7	9.32	56111.09	56110.08594	56133.06138	56132.37109	505422.0	5409505.7
L5420.0	505422.0	5409507.1	15401.50000	309.92	44.1	48.838515	-86.926109	56100.08	56240.7	9.31	56109.40	56108.48047	56131.62551	56130.69531	505422.0	5409507.1
L5420.0	505422.0	5409508.5	15401.59961	311.09	44.1	48.838527	-86.926109	56098.13	56240.7	9.31	56107.44	56106.61328	56126.20585	56125.03906	505422.0	5409508.5
L5420.0	505422.0	5409509.9	15401.70020	309.84	44.21	48.838540	-86.926109	56096.42	56240.7	9.31	56105.73	56104.99219	56125.74459	56124.34375	505422.0	5409509.9
L5420.0	505422.0	5409509.9	15401.79981	307.78	44.55	48.838540	-86.926109	56094.44	56240.7	9.31	56103.75	56103.10938	56121.17493	56119.54688	505422.0	5409509.9
L5420.0	505422.0	5409511.2	15401.90039	307.51	44.78	48.838552	-86.926109	56092.59	56240.7	9.31	56101.90	56101.35547	56119.43891	56117.58984	505422.0	5409511.2
L5420.0	505422.0	5409512.7	15402.00000	308.04	44.78	48.838565	-86.926109	56090.55	56240.7	9.31	56099.86	56099.41406	56114.84900	56112.78125	505422.0	5409512.7
L5420.0	505422.0	5409513.3	15402.09961	310.51	46.25	48.838571	-86.926109	56088.63	56240.7	9.31	56097.93	56097.58594	56112.68869	56110.40625	505422.0	5409513.3
L5420.0	505422.0	5409514.7	15402.20020	310.90	46.82	48.838583	-86.926109	56086.70	56240.7	9.31	56096.01	56095.76953	56111.16141	56108.66797	505422.0	5409514.7
L5420.0	505422.0	5409516.3	15402.29981	309.82	46.82	48.838597	-86.926110	56084.63	56240.7	9.31	56093.94	56093.80859	56107.32041	56104.62500	505422.0	5409516.3
L5420.0	505422.0	5409517.3	15402.40039	309.16	46.95	48.838606	-86.926110	56082.61	56240.7	9.31	56091.91	56091.88672	56104.56842	56101.67188	505422.0	5409517.3
L5420.0	505421.9	5409518.5	15402.50000	309.55	46.95	48.838617	-86.926110	56080.38	56240.7	9.31	56089.68	56089.76563	56098.46652	56095.37891	505421.9	5409518.5
L5420.0	505421.9	5409518.5	15402.59961	311.15	45.83	48.838617	-86.926110	56078.27	56240.7	9.30	56087.58	56087.78125	56095.04252	56091.76563	505421.9	5409518.5
L5420.0	505421.9	5409520.2	15402.70020	310.64	46.65	48.838633	-86.926110	56075.98	56240.7	9.30	56085.28	56085.59766	56088.19237	56084.73047	505421.9	5409520.2
L5420.0	505421.9	5409521.6	15402.79981	309.79	46.73	48.838645	-86.926111	56073.80	56240.7	9.30	56083.10	56083.53516	56083.79657	56080.15625	505421.9	5409521.6
L5420.0	505421.9	5409523.1	15402.90039	311.26	46.73	48.838658	-86.926111	56071.63	56240.7	9.30	56080.93	56081.48828	56079.79780	56075.98438	505421.9	5409523.1
L5420.0	505421.9	5409523.1	15403.00000	313.61	48.39	48.838658	-86.926111	56069.72	56240.7	9.30	56079.02	56079.69922	56080.75186	56076.76953	505421.9	5409523.1
L5420.0	505421.9	5409524.4	15403.00000	313.61	40.81	48.838671	-86.926111	56067.56	56240.7	9.30	56076.86	56077.66406	56077.24689	56073.10547	505421.9	5409524.4
L5420.0	505421.8	5409526.2	15403.20020	312.26	40.81	48.838687	-86.926111	56065.63	56240.7	9.30	56074.94	56075.87500	56078.21131	56073.91406	505421.8	5409526.2
L5420.0	505421.8	5409527.2	15403.29981	312.52	38.41	48.838695	-86.926112	56063.38	56240.7	9.30	56072.68	56073.74219	56073.06308	56068.61328	505421.8	5409527.2
L5420.0	505421.8	5409528.6	15403.40039	314.41	43.94	48.838708	-86.926112	56061.38	56240.7	9.30	56070.68	56071.87500	56072.63939	56068.04688	505421.8	5409528.6
L5420.0	505421.8	5409529.6	15403.50000	313.11	43.94	48.838717	-86.926112	56059.01	56240.7	9.31	56068.31	56069.64063	56065.60951	56060.87500	505421.8	5409529.6
L5420.0	505421.8	5409529.6	15403.59961	310.44	47.94	48.838717	-86.926112	56057.03	56240.7	9.31	56066.34	56067.80859	56065.66617	56060.80078	505421.8	5409529.6
L5420.0	505421.8	5409531.4	15403.70020	308.73	48.3	48.838733	-86.926112	56054.72	56240.7	9.31	56064.03	56065.63672	56059.67902	56054.68359	505421.8	5409531.4
L5420.0	505421.8	5409533.0	15403.79981	308.56	48.91	48.838747	-86.926112	56052.66	56240.7	9.31	56061.97	56063.71875	56057.97952	56052.86328	505421.8	5409533.0
L5420.0	505421.7	5409534.1	15403.90039	308.43	48.91	48.838758	-86.926113	56050.43	56240.7	9.31	56059.74	56061.63281	56053.21501	56047.98438	505421.7	5409534.1
L5420.0	505421.7	5409535.3	15404.00000	308.00	49.04	48.838768	-86.926113	56048.51	56240.7	9.31	56057.82	56059.85938	56053.60625	56048.26563	505421.7	5409535.3
L5420.0	505421.7	5409535.3	15404.09961	306.62	49.04	48.838768	-86.926113	56046.18	56240.7	9.31	56055.49	56057.67578	56046.80087	56041.35938	505421.7	5409535.3
L5420.0	505421.7	5409536.9	15404.20020	307.16	42.86	48.838783	-86.926113	56044.21	56240.7	9.31	56053.52	56055.85547	56045.88549	56040.34375	505421.7	5409536.9
L5420.0	505421.7	5409538.1	15404.29981	308.72	43.94	48.838793	-86.926113	56041.95	56240.7	9.31	56051.26	56053.74609	56039.77864	56034.14844	505421.7	5409538.1
L5420.0	505421.7	5409539.4	15404.40039	309.34	42.83	48.838805	-86.926113	56040.06	56240.7	9.31	56049.37	56052.01172	56039.62886	56033.91406	505421.7	5409539.4
L5420.0	505421.7	5409540.8	15404.50000	307.87	41.19	48.838818	-86.926113	56037.84	56240.7	9.31	56047.15	56049.94531	56033.52310	56027.73047	505421.7	5409540.8
L5420.0	505421.7	5409542.2	15404.59961	307.52	41.19	48.838831	-86.926113	56036.01	56240.7	9.31	56045.32	56048.27344	56033.67773	56027.81250	505421.7	5409542.2
L5420.0	505421.7	5409543.2	15404.70020	308.68	40.14	48.838840	-86.926113	56033.78	56240.7	9.31	56043.09	56046.20313	56026.53806	56020.60547	505421.7	5409543.2
L5420.0	505421.7	5409544.6	15404.79981	310.07	44.43	48.838851	-86.926114	56032.02	56240.7	9.31	56041.33	56044.60156	56027.04854	56021.05469	505421.7	5409544.6
L5420.0	505421.7	5409544.6	15404.90039	309.47	48.11	48.838851	-86.926114	56029.84	56240.7	9.31	56039.15	56042.58594	56019.71062	56013.66406	505421.7	5409544.6
L5420.0	505421.6	5409547.2	15405.00000	309.86	48.11	48.838875	-86.926114	56028.07	56240.7	9.31	56037.38	56040.98047	56019.04406	56012.94922	505421.6	5409547.2
L5420.0	505421.6	5409547.2	15405.00000	309.86	50.11	48.838875	-86.926114	56026.02	56240.7	9.31	56035.33	56039.09375	56012.78228	56006.64453	505421.6	5409547.2
L5420.0	505421.6	5409548.6	15405.20020	314.07	49.75	48.838888	-86.926114	56024.32	56240.7	9.31	56033.63	56037.56250	56012.24037	56006.06641	505421.6	5409548.6
L5420.0	505421.6	5409550.2	15405.29981	315.37	49.75	48.838902	-86.926114	56022.32	56240.7	9.31	56031.63	56035.73047	56005.52937	55999.32813	505421.6	5409550.2
L5420.0	505421.6	5409551.6	15405.40039	314.00	50.97	48.838915	-86.926115	56020.78	56240.7	9.31	56030.09	56034.35938	56006.71306	56000.48828	505421.6	5409551.6
L5420.0	505421.6	5409551.6	15405.50000	314.25	50.74	48.838915	-86.926115	56018.96	56240.7	9.31	56028.26	56032.70313	56001.75214	55995.51172	505421.6	5409551.6
L5420.0	505421.6	5409553.0	15405.59961	315.41	50.74	48.838927	-86.926115	56017.62	56240.7	9.30	56026.93	56031.54688	56005.65290	55999.40234	505421.6	5409553.0
L5420.0	505421.5	5409554.5	15405.70020	315.40	49.2	48.838941	-86.926115	56015.63	56240.7	9.30	56024.93	56029.71875	55995.85868	55989.60547	505421.5	5409554.5
L5420.0	505421.5	5409555.8	15405.79981	313.11	49.2	48.838952	-86.926115	56014.21	56240.7	9.30	56023.51	56028.47656	55996.52322	55990.26953	505421.5	5409555.8
L5420.0	505421.5	5409557.3	15405.90039	311.49	48.59	48.838966	-86.926115	56012.39	56240.7	9.30	56021.69	56026.83203	55988.49177	55982.24609	505421.5	5409557.3
L5420.0	505421.5	5409557.3	15406.00000	311.67	49.89	48.838966	-86.926115	56011.14	56240.7	9.30	56020.45	56025.76953	55991.04524	55984.81641	505421.5	5409557.3
L5420.0	505421.5	5409558.5	15406.09961	311.24	49.89	48.838977	-86.926115	56009.50	56240.7	9.30	56018.80	56024.30078	55984.56745	55978.35938	505421.5	5409558.5
L5420.0	505421.5	5409560.4	15406.20020	313.10	46.57	48.838994	-86.926116	56008.32	56240.7	9.30	56017.62	56023.30078	55986.52192	55980.33984	505421.5	5409560.4
L5420.0	505421.5	5409561.5	15406.29981	311.76	50.97	48.839004	-86.926116	56006.72	56240.7	9.30	56016.02	56021.88281	55979.13197	55972.98438	505421.5	5409561.5
L5420.0	505421.5	5409562.7	15406.40039	309.78	49.86	48.839015	-86.926116	56005.73	56240.7	9.30	56015.03	56021.07813	55982.95183	55976.84375	505421.5	5409562.7
L5420.0	505421.4	5409563.6	15406.50000	309.21	49.86	48.839023	-86.926116	56004.32	56240.7	9.30	56013.62	56019.85156	55977.36954	55971.30859	505421.4	5409563.6
L5420.0	505421.4	5409565.0	15406.59961	311.89	49.22	48.839035	-86.926116	56003.20	56240.7	9.30	56012.50	56018.91797	55976.54919	55970.53906	505421.4	5409565.0
L5420.0	505421.4	5409566.3	15406.70020	311.91	47.57	48.839047	-86.926116	56001.84	56240.7	9.30	56011.14	56017.74219	55969.89353	55963.94531	505421.4	5409566.3
L5420.0	505421.4	5409566.3	15406.79981	311.42	47.72	48.839047	-86.926116	56000.83	56240.7	9.30	56010.13	56016.91797	55969.11874	55963.23438	505421.4	5409566.3
L5420.0	505421.4	5409567.6	15406.90039	311.04	47.46	48.839059	-86.926116	55999.76	56240.7	9.30	56009.06	56016.03906	55966.03472	55960.22266	505421.4	5409567.6
L5420.0	505421.4	5409569.4	15407.00000	311.68	47.46	48.839075	-86.926116	55998.90	56240.7	9.30	56008.20	56015.36719	55965.96711	55960.23047	505421.4	5409569.4
L5420.0	505421.4	5409570.3	15407.00000	311.68	51.15	48.839083	-86.926116	55998.09	56240.7	9.30	56007.39	56014.75000	55965.71977	55960.06641	505421.4	5409570.3
L5420.0	505421.4	5409571.3	15407.20020	311.48	51.15	48.839093	-86.926116	55997.48	56240.7	9.30	56006.78	56014.32813	55968.24138	55962.67969	505421.4	5409571.3
L5420.0	505421.4	5409573.0	15407.29981	312.02	50.38	48.839107	-86.926116	55996.68	56240.7	9.30	56005.98	56013.72266	55965.83732	55960.37109	505421.4	5409573.0
L5420.0	505421.4	5409573.0	15407.40039	310.88	50.38	48.839107	-86.926116	55996.17	56240.7	9.30	56005.48	56013.41406	55968.18999	55962.82422	505421.4	5409573.0
L5420.0	505421.4	5409574.7	15407.50000	312.82	49.82	48.839123	-86.926116	55995.46	56240.7	9.31	56004.77	56012.90234	55965.23199	55959.97656	505421.4	5409574.7
L5420.0	505421.4	5409576.3	15407.59961	312.75	50.21	48.839137	-86.926116	55994.90	56240.7	9.31	56004.21	56012.53516	55964.09134	55958.94922	505421.4	5409576.3
L5420.0	505421.4	5409576.3	15407.70020	312.57	47.29	48.839137	-86.926116	55994.50	56240.7	9.31	56003.81	56012.33203	55964.98043	55959.95703	505421.4	5409576.3
L5420.0	505421.4	5409577.8	15407.79981	312.57	47.29	48.839150	-86.926116	55994.10	56240.7	9.31	56003.41	56012.12891	55964.73377	55959.83594	505421.4	5409577.8
L5420.0	505421.4	5409578.9	15407.90039	311.51	49.7	48.839161	-86.926116	55993.74	56240.7	9.31	56003.05	56011.96875	55964.15159	55959.38672	505421.4	5409578.9
L5420.0	505421.4	5409580.2	15408.00000	310.85	53.64	48.839172	-86.926116	55993.32	56240.7	9.31	56002.63	56011.75000	55961.25488	55956.62891	505421.4	5409580.2
L5420.0	505421.4	5409581.9	15408.09961	310.20	53.64	48.839188	-86.926116	55993.16	56240.7	9.31	56002.47	56011.78906	55962.42980	55957.94922	505421.4	5409581.9
L5420.0	505421.4	5409583.4	15408.20020	310.80	50.14	48.839201	-86.926116	55992.98	56240.7	9.30	56002.28	56011.80469	55961.91705	55957.58594	505421.4	5409583.4
L5420.0	505421.5	5409584.4	15408.29981	311.61	49.7	48.839210	-86.926116	55992.93	56240.7	9.30	56002.23	56011.95703	55963.12116	55958.94922	505421.5	5409584.4
L5420.0	505421.5	5409585.8	15408.40039	314.04	49.7	48.839223	-86.926116	55992.86	56240.7	9.29	56002.15	56012.08203	55962.67396	55958.66406	505421.5	5409585.8
L5420.0	505421.5	5409585.8	15408.50000	314.04	46.58	48.839223	-86.926116	55992.86	56240.7	9.29	56002.15	56012.28906	55962.79050	55958.94922	505421.5	5409585.8
L5420.0	505421.5	5409587.0	15408.59961	314.54	50.11	48.839233	-86.926115	55992.88	56240.7	9.29	56002.17	56012.51563	55962.30184	55958.63281	505421.5	5409587.0
L5420.0	505421.5	5409588.5	15408.70020	314.98	50.11	48.839247	-86.926115	55993.04	56240.7	9.28	56002.32	56012.87500	55963.41253	55959.92578	505421.5	5409588.5
L5420.0	505421.5	5409588.5	15408.79981	314.22	49.15	48.839247	-86.926115	55993.24	56240.7	9.28	56002.52	56013.28516	55964.55523	55961.25391	505421.5	5409588.5
L5420.0	505421.5	5409591.2	15408.90039	312.21	49.15	48.839271	-86.926115	55993.70	56240.7	9.27	56002.97	56013.94531	55969.66477	55966.55469	505421.5	5409591.2
L5420.0	505421.5	5409591.2	15409.00000	310.88	48.38	48.839271	-86.926115	55993.84	56240.7	9.27	56003.11	56014.30078	55967.78181	55964.86719	505421.5	5409591.2

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5420.0	505421.5	5409592.6	15409.00000	310.88	48.38	48.839284	-86.926115	55994.35	56240.7	9.27	56003.62	56015.02344	55972.21256	55969.50000	505421.5	5409592.6
L5420.0	505421.5	5409594.2	15409.20020	309.77	48.24	48.839298	-86.926115	55994.66	56240.7	9.28	56003.93	56015.55078	55971.90295	55969.40234	505421.5	5409594.2
L5420.0	505421.5	5409594.2	15409.29981	310.21	47.22	48.839298	-86.926115	55995.11	56240.7	9.28	56004.39	56016.23047	55973.64737	55971.35938	505421.5	5409594.2
L5420.0	505421.5	5409596.1	15409.40039	310.35	47.22	48.839315	-86.926115	55995.46	56240.7	9.28	56004.74	56016.80078	55972.51290	55970.44531	505421.5	5409596.1
L5420.0	505421.5	5409597.5	15409.50000	311.25	48.37	48.839328	-86.926115	55996.09	56240.7	9.28	56005.38	56017.66406	55976.05434	55974.21094	505421.5	5409597.5
L5420.0	505421.5	5409598.8	15409.59961	312.43	48.37	48.839340	-86.926115	55996.52	56240.7	9.29	56005.81	56018.32031	55974.93104	55973.32031	505421.5	5409598.8
L5420.0	505421.5	5409598.8	15409.70020	313.18	48.99	48.839340	-86.926115	55997.24	56240.7	9.29	56006.53	56019.26563	55978.41127	55977.03516	505421.5	5409598.8
L5420.0	505421.5	5409600.4	15409.79981	313.00	48.78	48.839354	-86.926115	55997.71	56240.7	9.29	56007.01	56019.97656	55976.82578	55975.69141	505421.5	5409600.4
L5420.0	505421.5	5409601.6	15409.90039	311.49	49.73	48.839364	-86.926115	55998.32	56240.7	9.30	56007.62	56020.81641	55976.93337	55976.04688	505421.5	5409601.6
L5420.0	505421.5	5409603.4	15410.00000	310.54	49.73	48.839380	-86.926115	55999.06	56240.7	9.30	56008.36	56021.79297	55978.68444	55978.05078	505421.5	5409603.4
L5420.0	505421.5	5409604.9	15410.09961	309.79	51.71	48.839394	-86.926115	56000.09	56240.7	9.30	56009.39	56023.05859	55984.80824	55984.42969	505421.5	5409604.9
L5420.0	505421.5	5409604.9	15410.20020	310.11	47.84	48.839394	-86.926115	56000.83	56240.7	9.30	56010.13	56024.03906	55985.23777	55985.12500	505421.5	5409604.9
L5420.0	505421.5	5409606.3	15410.29981	311.06	47.84	48.839407	-86.926115	56001.89	56240.7	9.30	56011.18	56025.33203	55990.35223	55990.50391	505421.5	5409606.3
L5420.0	505421.5	5409607.6	15410.40039	309.05	45.64	48.839419	-86.926115	56002.46	56240.7	9.30	56011.76	56026.16016	55986.90949	55987.33594	505421.5	5409607.6
L5420.0	505421.4	5409608.9	15410.50000	307.71	45.64	48.839430	-86.926115	56003.54	56240.7	9.30	56012.83	56027.48047	55991.17865	55991.88281	505421.4	5409608.9
L5420.0	505421.4	5409608.9	15410.59961	307.77	50.09	48.839430	-86.926115	56004.34	56240.7	9.29	56013.64	56028.54297	55990.55193	55991.53906	505421.4	5409608.9
L5420.0	505421.5	5409610.7	15410.70020	309.52	52.15	48.839447	-86.926115	56005.38	56240.7	9.29	56014.67	56029.82813	55993.07366	55994.35156	505421.5	5409610.7
L5420.0	505421.5	5409612.0	15410.79981	308.14	53.74	48.839458	-86.926115	56006.26	56240.7	9.29	56015.55	56030.96875	55992.61354	55994.18359	505421.5	5409612.0
L5420.0	505421.5	5409613.3	15410.90039	308.15	53.74	48.839470	-86.926115	56007.40	56240.7	9.29	56016.69	56032.37109	55995.98177	55997.85156	505421.5	5409613.3
L5420.0	505421.5	5409613.3	15411.00000	310.19	53.74	48.839470	-86.926115	56008.32	56240.7	9.29	56017.61	56033.55859	55995.25938	55997.42969	505421.5	5409613.3
L5420.0	505421.5	5409614.9	15411.00000	310.19	53.29	48.839484	-86.926115	56009.63	56240.7	9.29	56018.92	56035.14063	56000.56405	56003.04297	505421.5	5409614.9
L5420.0	505421.5	5409616.4	15411.20020	312.13	52.15	48.839497	-86.926115	56010.66	56240.7	9.29	56019.95	56036.44531	56000.82066	56003.61328	505421.5	5409616.4
L5420.0	505421.5	5409616.4	15411.29981	309.62	52.15	48.839497	-86.926115	56012.06	56240.7	9.28	56021.34	56038.11719	56006.70545	56009.81641	505421.5	5409616.4
L5420.0	505421.5	5409617.9	15411.40039	307.67	49.63	48.839511	-86.926115	56013.07	56240.7	9.28	56022.35	56039.41016	56005.87252	56009.30469	505421.5	5409617.9
L5420.0	505421.5	5409619.1	15411.50000	308.69	49.63	48.839522	-86.926115	56014.23	56240.7	9.28	56023.51	56040.85938	56007.21047	56010.96875	505421.5	5409619.1
L5420.0	505421.5	5409620.4	15411.59961	311.53	48.73	48.839534	-86.926115	56015.37	56240.7	9.28	56024.65	56042.29297	56007.87781	56011.96875	505421.5	5409620.4
L5420.0	505421.5	5409620.4	15411.70020	311.85	48.87	48.839534	-86.926115	56016.58	56240.7	9.28	56025.86	56043.80078	56009.43722	56013.86328	505421.5	5409620.4
L5420.0	505421.4	5409621.6	15411.79981	309.93	47.76	48.839545	-86.926115	56017.68	56240.7	9.27	56026.95	56045.19531	56008.61033	56013.37500	505421.4	5409621.6
L5420.0	505421.4	5409622.9	15411.90039	308.98	47.76	48.839556	-86.926115	56019.04	56240.7	9.27	56028.31	56046.86719	56012.24779	56017.35547	505421.4	5409622.9
L5420.0	505421.4	5409623.9	15412.00000	309.68	46.31	48.839566	-86.926115	56020.20	56240.7	9.27	56029.47	56048.33984	56012.10364	56017.56250	505421.4	5409623.9
L5420.0	505421.4	5409625.1	15412.09961	310.78	46.31	48.839577	-86.926115	56021.70	56240.7	9.27	56030.97	56050.16016	56017.85210	56023.66406	505421.4	5409625.1
L5420.0	505421.4	5409625.1	15412.20020	311.78	52.55	48.839577	-86.926115	56022.84	56240.7	9.27	56032.11	56051.62891	56016.89031	56023.05859	505421.4	5409625.1
L5420.0	505421.4	5409626.6	15412.29981	310.50	56.57	48.839589	-86.926115	56024.27	56240.7	9.27	56033.55	56053.39844	56021.23626	56027.76563	505421.4	5409626.6
L5420.0	505421.4	5409627.7	15412.40039	310.45	57.49	48.839600	-86.926115	56025.52	56240.7	9.27	56034.79	56054.97656	56021.71950	56028.61328	505421.4	5409627.7
L5420.0	505421.4	5409629.0	15412.50000	313.27	57.49	48.839612	-86.926115	56026.93	56240.7	9.27	56036.20	56056.73047	56025.22993	56032.49219	505421.4	5409629.0
L5420.0	505421.4	5409629.0	15412.59961	311.72	57.18	48.839612	-86.926115	56028.20	56240.7	9.28	56037.47	56058.35156	56025.95195	56033.58984	505421.4	5409629.0
L5420.0	505421.4	5409630.2	15412.70020	311.22	55.88	48.839622	-86.926115	56029.56	56240.7	9.28	56038.84	56060.07813	56028.44821	56036.46094	505421.4	5409630.2
L5420.0	505421.4	5409631.5	15412.79981	311.59	55.88	48.839634	-86.926116	56030.88	56240.7	9.28	56040.16	56061.76563	56029.86050	56038.25391	505421.4	5409631.5
L5420.0	505421.4	5409632.9	15412.90039	312.10	53.41	48.839646	-86.926116	56032.24	56240.7	9.28	56041.52	56063.49609	56031.94123	56040.71875	505421.4	5409632.9
L5420.0	505421.4	5409632.9	15413.00000	312.24	54.88	48.839646	-86.926116	56033.53	56240.7	9.28	56042.81	56065.16406	56032.53725	56041.70313	505421.4	5409632.9
L5420.0	505421.4	5409634.0	15413.00000	312.24	51.59	48.839656	-86.926116	56034.80	56240.7	9.28	56044.08	56066.81641	56032.62377	56042.18359	505421.4	5409634.0
L5420.0	505421.4	5409635.6	15413.20020	310.93	51.59	48.839671	-86.926116	56036.14	56240.7	9.28	56045.42	56068.55078	56034.01832	56043.97266	505421.4	5409635.6
L5420.0	505421.4	5409635.6	15413.29981	311.15	39.37	48.839671	-86.926116	56037.63	56240.7	9.28	56046.91	56070.43750	56038.38666	56048.74219	505421.4	5409635.6
L5420.0	505421.4	5409636.6	15413.40039	311.72	40.41	48.839679	-86.926116	56038.99	56240.7	9.28	56048.27	56072.20703	56040.07099	56050.82813	505421.4	5409636.6
L5420.0	505421.4	5409637.8	15413.50000	313.19	40.41	48.839690	-86.926116	56040.36	56240.7	9.27	56049.63	56073.98047	56041.70018	56052.86328	505421.4	5409637.8
L5420.0	505421.4	5409638.7	15413.59961	312.72	48.88	48.839698	-86.926116	56041.75	56240.7	9.27	56051.02	56075.79297	56043.89975	56055.46875	505421.4	5409638.7
L5420.0	505421.4	5409639.9	15413.70020	312.10	51.56	48.839709	-86.926116	56043.20	56240.7	9.27	56052.47	56077.67188	56047.30257	56059.28516	505421.4	5409639.9
L5420.0	505421.4	5409640.4	15413.79981	313.63	55.73	48.839714	-86.926116	56044.52	56240.7	9.27	56053.79	56079.42969	56047.98755	56060.38672	505421.4	5409640.4
L5420.0	505421.4	5409641.6	15413.90039	315.20	55.73	48.839724	-86.926116	56045.87	56240.7	9.27	56055.14	56081.22656	56049.26543	56062.08203	505421.4	5409641.6
L5420.0	505421.4	5409641.6	15414.00000	312.60	55.97	48.839724	-86.926116	56047.22	56240.7	9.27	56056.49	56083.03125	56050.52467	56063.76172	505421.4	5409641.6
L5420.0	505421.4	5409643.4	15414.09961	313.73	56	48.839741	-86.926115	56048.68	56240.7	9.27	56057.96	56084.96484	56054.24756	56067.91016	505421.4	5409643.4
L5420.0	505421.4	5409643.4	15414.20020	314.14	56	48.839741	-86.926115	56049.97	56240.7	9.28	56059.25	56086.72656	56054.25275	56068.34375	505421.4	5409643.4
L5420.0	505421.4	5409644.1	15414.29981	313.48	55.83	48.839747	-86.926115	56051.34	56240.7	9.28	56060.62	56088.57422	56055.90898	56070.42969	505421.4	5409644.1
L5420.0	505421.4	5409645.4	15414.40039	313.71	55.83	48.839758	-86.926115	56052.78	56240.7	9.29	56062.07	56090.51563	56059.19824	56074.15234	505421.4	5409645.4
L5420.0	505421.4	5409646.3	15414.50000	312.94	55.5	48.839767	-86.926115	56054.09	56240.7	9.29	56063.38	56092.32031	56059.66104	56075.05078	505421.4	5409646.3
L5420.0	505421.4	5409646.3	15414.59961	311.21	54.55	48.839767	-86.926115	56055.46	56240.7	9.29	56064.75	56094.19531	56061.36667	56077.19141	505421.4	5409646.3
L5420.0	505421.5	5409647.3	15414.70020	310.99	54.55	48.839775	-86.926115	56056.73	56240.7	9.30	56066.02	56095.98047	56061.12921	56077.39453	505421.5	5409647.3
L5420.0	505421.5	5409648.5	15414.79981	312.35	53.18	48.839787	-86.926115	56058.21	56240.7	9.30	56067.52	56098.00391	56065.47503	56082.18359	505421.5	5409648.5
L5420.0	505421.5	5409649.3	15414.90039	310.98	53.18	48.839793	-86.926115	56059.69	56240.7	9.31	56069.00	56100.01953	56069.43165	56086.58594	505421.5	5409649.3
L5420.0	505421.5	5409650.2	15415.00000	310.56	45.13	48.839802	-86.926115	56060.97	56240.7	9.31	56070.28	56101.83984	56069.57263	56087.17578	505421.5	5409650.2
L5420.0	505421.5	5409650.2	15415.00000	310.56	45.31	48.839802	-86.926115	56062.24	56240.7	9.31	56071.55	56103.66016	56069.63133	56087.68359	505421.5	5409650.2
L5420.0	505421.5	5409651.1	15415.20020	310.83	48.21	48.839810	-86.926114	56063.73	56240.7	9.31	56073.04	56105.71094	56073.94041	56092.44531	505421.5	5409651.1
L5420.0	505421.5	5409651.9	15415.29981	312.35	48.21	48.839818	-86.926114	56065.10	56240.7	9.30	56074.40	56107.63672	56075.88320	56094.84375	505421.5	5409651.9
L5420.0	505421.5	5409652.7	15415.40039	312.82	46.61	48.839824	-86.926114	56066.32	56240.7	9.30	56075.62	56109.43750	56075.35181	56094.76953	505421.5	5409652.7
L5420.0	505421.5	5409653.4	15415.50000	311.73	46.61	48.839831	-86.926114	56067.81	56240.7	9.30	56077.10	56111.50391	56079.75150	56099.62891	505421.5	5409653.4
L5420.0	505421.5	5409654.1	15415.59961	310.33	47.71	48.839837	-86.926114	56069.18	56240.7	9.30	56078.47	56113.46875	56082.25953	56102.59375	505421.5	5409654.1
L5420.0	505421.5	5409655.0	15415.70020	311.77	49.18	48.839845	-86.926114	56070.41	56240.7	9.30	56079.70	56115.30469	56082.37326	56103.17188	505421.5	5409655.0
L5420.0	505421.5	5409655.0	15415.79981	310.10	51.44	48.839845	-86.926114	56071.73	56240.7	9.29	56081.02	56117.23828	56084.30983	56105.57422	505421.5	5409655.0
L5420.0	505421.5	5409656.0	15415.90039	309.60	51.44	48.839854	-86.926114	56072.99	56240.7	9.29	56082.28	56119.12500	56085.34490	56107.07422	505421.5	5409656.0
L5420.0	505421.5	5409656.6	15416.00000	308.96	51.69	48.839860	-86.926114	56074.41	56240.7	9.29	56083.70	56121.17578	56089.52304	56111.71875	505421.5	5409656.6
L5420.0	505421.5	5409657.4	15416.09961	309.52	51.75	48.839867	-86.926114	56075.72	56240.7	9.29	56085.01	56123.12891	56091.92766	56114.59375	505421.5	5409657.4
L5420.0	505421.5	5409657.9	15416.20020	309.91	51.91	48.839871	-86.926114	56077.14	56240.7	9.29	56086.43	56125.19922	56096.64476	56119.78125	505421.5	5409657.9
L5420.0	505421.5	5409658.6	15416.29981	310.02	51.91	48.839877	-86.926114	56078.25	56240.7	9.28	56087.54	56126.96875	56095.84781	56119.45703	505421.5	5409658.6
L5420.0	505421.6	5409659.5	15416.40039	311.22	51.93	48.839885	-86.926113	56079.46	56240.7	9.28	56088.74	56128.83984	56096.99082	56121.07422	505421.6	5409659.5
L5420.0	505421.6	5409660.2	15416.50000	311.75	51.93	48.839892	-86.926113	56080.61	56240.7	9.28	56089.89	56130.66406	56097.44436	56122.00391	505421.6	5409660.2
L5420.0	505421.6	5409660.2	15416.59961	313.03	51.85	48.839892	-86.926113	56081.74	56240.7	9.28	56091.02	56132.48047	56097.77106	56122.80859	505421.6	5409660.2
L5420.0	505421.6	5409661.1	15416.70020	312.71	51.78	48.839900	-86.926113	56082.86	56240.7	9.28	56092.13	56134.28906	56097.96709	56123.48047	505421.6	5409661.1
L5420.0	505421.6	5409661.8	15416.79981	312.92	51.78	48.839906	-86.926113	56084.07	56240.7	9.27	56093.35	56136.21094	56100.68302	56126.67578	505421.6	5409661.8
L5420.0	505421.6	5409662.7	15416.90039	312.01	51.78	48.839914	-86.926113	56085.26	56240.7	9.27	56094.53	56138.10547	56102.94343	56129.41797	505421.6	5409662.7
L5420.0	505421.6	5409663.2	15417.00000	312.14	51.68	48.839919	-86.926113	56086.53	56240.7	9.27	56095.80	56140.09766	56107.47698	56134.43359	505421.6	5409663.2
L5420.0	505421.6	5409663.2	15417.00000	312.14	51.47	48.839919	-86.926113	56087.71	56240.7	9.27	56096.98	56142.00781	56110.52416	56137.96094	505421.6	5409663.2
L5420.0	505421.6	5409664.0	15417.20020	314.27	51.74	48.839926	-86.926113	56088.72	56240.7	9.28	56098.00	56143.76563	56110.46649	56138.38672	505421.6	5409664.0
L5420.0	505421.6	5409664.6	15417.29981	313.91	51.44	48.839932	-86.926113	56089.79	56240.7	9.28	56099.07	56145.58203	56111.82475	56140.23047	505421.6	5409664.6
L5420.0	505421.6	5409665.3	15417.40039	314.29	51.44	48.839938	-86.926113	56090.95	56240.7	9.29	56100.23	56147.49609	56115.56491	56144.45703	505421.6	5409665.3
L5420.0	505421.6	5409665.8	15417.50000	316.23	51.2	48.839942	-86.926113	56091.94	56240.7	9.29	56101.23	56149.25781	56116.07396	56145.45313	505421.6	5409665.8
L5420.0	505421.6	5409666.3	15417.59961	316.20	51.2	48.839947	-86.926113	56093.02	56240.7	9.29	56102.31	56151.10547	56118.76705	56148.63281	505421.6	5409666.3
L5420.0	505421.6	5409666.3	15417.70020	315.46	51.69	48.839947	-86.926113	56094.06	56240.7	9.30	56103.36	56152.93359	56121.15075	56151.50781	505421.6	5409666.3
L5420.0	505421.6	5409667.1	15417.79981	314.75	51.67	48.839954	-86.926113	56095.10	56240.7	9.30	56104.40	56154.75781	56123.68084	56154.52734	505421.6	5409667.1
L5420.0	505421.6	5409667.7	15417.90039	316.41	51.71	48.839960	-86.926113	56096.11	56240.7	9.31	56105.41	56156.56250	56125.89095	56157.22656	505421.6	5409667.7
L5420.0	505421.6	5409668.1	15418.00000	318.61	51.71	48.839963	-86.926113	56097.02	56240.7	9.31	56106.33	56158.28125	56126.38051	56158.20703	505421.6	5409668.1
L5420.0	505421.6	5409668.5	15418.09961	317.58	51.87	48.839967	-86.926113	56097.86	56240.7	9.31	56107.16	56159.91797	56125.16031	56157.47656	505421.6	5409668.5
L5420.0	505421.6	5409669.0	15418.20020	315.57	51.84	48.839971	-86.926113	56098.80	56240.7	9.30	56108.10	56161.66797	56126.91503	56159.72266	505421.6	5409669.0
L5420.0	505421.6	5409669.5	15418.29981	316.15	51.89	48.839976	-86.926113	56099.57	56240.7	9.30	56108.87	56163.25781	56125.14281	56158.44531	505421.6	5409669.5

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5420.0	505421.6	5409670.0	15418.40039	316.12	51.89	48.839980	-86.926113	56100.39	56240.7	9.29	56109.68	56164.89453	56124.75578	56158.55078	505421.6	5409670.0
L5420.0	505421.6	5409670.4	15418.50000	315.50	51.86	48.839983	-86.926112	56101.27	56240.7	9.29	56110.56	56166.60547	56126.44141	56160.73047	505421.6	5409670.4
L5420.0	505421.6	5409670.4	15418.59961	314.69	51.68	48.839983	-86.926112	56102.11	56240.7	9.29	56111.39	56168.27344	56127.45142	56162.23438	505421.6	5409670.4
L5420.0	505421.6	5409671.0	15418.70020	313.18	51.71	48.839989	-86.926112	56102.91	56240.7	9.28	56112.20	56169.92969	56128.49950	56163.77734	505421.6	5409671.0
L5420.0	505421.7	5409671.5	15418.79981	313.43	51.71	48.839994	-86.926112	56103.65	56240.7	9.28	56112.93	56171.50781	56128.26160	56164.03516	505421.7	5409671.5
L5420.0	505421.7	5409672.0	15418.90039	313.45	51.3	48.839998	-86.926112	56104.39	56240.7	9.27	56113.66	56173.09375	56128.56565	56164.83594	505421.7	5409672.0
L5420.0	505421.7	5409672.0	15419.00000	311.94	51.3	48.839998	-86.926112	56105.09	56240.7	9.27	56114.36	56174.65234	56128.76084	56165.52734	505421.7	5409672.0
L5420.0	505421.7	5409672.5	15419.00000	311.94	51.3	48.840002	-86.926111	56105.82	56240.7	9.27	56115.09	56176.24609	56130.18364	56167.44531	505421.7	5409672.5
L5420.0	505421.7	5409672.9	15419.20020	312.04	52.24	48.840006	-86.926111	56106.46	56240.7	9.27	56115.73	56177.75391	56130.22597	56167.98438	505421.7	5409672.9
L5420.0	505421.7	5409673.3	15419.29981	314.14	52.24	48.840010	-86.926111	56107.08	56240.7	9.28	56116.36	56179.25781	56130.65992	56168.91797	505421.7	5409673.3
L5420.0	505421.7	5409673.7	15419.40039	311.82	51.99	48.840013	-86.926111	56107.73	56240.7	9.28	56117.00	56180.77734	56131.92219	56170.67578	505421.7	5409673.7
L5420.0	505421.7	5409674.1	15419.50000	310.64	51.67	48.840017	-86.926111	56108.38	56240.7	9.28	56117.66	56182.31641	56134.22405	56173.47656	505421.7	5409674.1
L5420.0	505421.8	5409674.4	15419.59961	310.40	51.67	48.840020	-86.926110	56109.00	56240.7	9.28	56118.29	56183.83203	56136.50389	56176.25391	505421.8	5409674.4
L5420.0	505421.8	5409674.4	15419.70020	311.17	51.75	48.840020	-86.926110	56109.42	56240.7	9.28	56118.70	56185.12891	56134.81699	56175.06641	505421.8	5409674.4
L5420.0	505421.8	5409674.7	15419.79981	311.95	51.98	48.840023	-86.926110	56109.92	56240.7	9.29	56119.21	56186.53125	56135.88481	56176.63281	505421.8	5409674.7
L5420.0	505421.8	5409675.1	15419.90039	314.19	51.98	48.840026	-86.926110	56110.45	56240.7	9.29	56119.74	56187.95313	56138.00835	56179.25391	505421.8	5409675.1
L5420.0	505421.8	5409675.1	15420.00000	313.31	52.16	48.840026	-86.926110	56110.93	56240.7	9.29	56120.22	56189.33203	56139.74343	56181.48828	505421.8	5409675.1
L5420.0	505421.8	5409675.5	15420.09961	314.22	52.15	48.840030	-86.926110	56111.39	56240.7	9.29	56120.68	56190.68750	56141.70003	56183.94531	505421.8	5409675.5
L5420.0	505421.8	5409676.0	15420.20020	317.21	52.15	48.840034	-86.926109	56111.92	56240.7	9.29	56121.21	56192.12109	56145.64440	56188.38672	505421.8	5409676.0
L5420.0	505421.8	5409676.3	15420.29981	316.97	52.47	48.840036	-86.926109	56112.33	56240.7	9.29	56121.62	56193.43359	56147.79670	56191.03906	505421.8	5409676.3
L5420.0	505421.8	5409676.3	15420.40039	314.13	52.32	48.840036	-86.926109	56112.75	56240.7	9.29	56122.04	56194.75781	56150.71393	56194.45703	505421.8	5409676.3
L5420.0	505421.9	5409676.5	15420.50000	313.39	52.32	48.840039	-86.926109	56113.14	56240.7	9.30	56122.44	56196.06250	56153.78633	56198.02734	505421.9	5409676.5
L5420.0	505421.9	5409676.8	15420.59961	313.11	52.51	48.840041	-86.926109	56113.38	56240.7	9.30	56122.68	56197.20703	56154.39277	56199.13281	505421.9	5409676.8
L5420.0	505421.9	5409677.0	15420.70020	313.19	52.51	48.840043	-86.926109	56113.76	56240.7	9.30	56123.06	56198.49219	56158.11545	56203.35547	505421.9	5409677.0
L5420.0	505421.9	5409677.2	15420.79981	310.56	52.42	48.840045	-86.926109	56113.99	56240.7	9.30	56123.29	56199.62891	56159.57807	56205.31641	505421.9	5409677.2
L5420.1	505421.5	5409645.4	15900.29981	431.47	0	48.839759	-86.926114	56188.40	56239.6	10.37	56198.76	56081.76953	56403.30022	56103.30078	505421.5	5409645.4
L5420.1	505421.5	5409645.4	15900.40039	431.71	0	48.839759	-86.926114	56188.59	56239.6	10.37	56198.95	56083.30469	56391.32493	56096.48047	505421.5	5409645.4
L5420.1	505421.5	5409645.8	15900.50000	432.48	0	48.839762	-86.926115	56188.46	56239.6	10.37	56198.83	56084.53125	56372.57047	56082.87891	505421.5	5409645.8
L5420.1	505421.5	5409646.0	15900.59961	430.89	0	48.839764	-86.926115	56188.66	56239.6	10.37	56199.04	56086.08594	56361.75080	56077.21484	505421.5	5409646.0
L5420.1	505421.5	5409646.3	15900.70020	431.21	0	48.839767	-86.926115	56189.29	56239.6	10.37	56199.66	56088.05469	56360.70657	56081.31641	505421.5	5409646.3
L5420.1	505421.5	5409646.3	15900.79981	429.14	0	48.839767	-86.926115	56189.40	56239.6	10.38	56199.77	56089.51172	56348.29077	56074.04297	505421.5	5409646.3
L5420.1	505421.5	5409646.7	15900.90039	427.34	0	48.839770	-86.926114	56190.09	56239.6	10.38	56200.46	56091.54688	56349.56032	56080.44922	505421.5	5409646.7
L5420.1	505421.5	5409647.0	15901.00000	427.41	0	48.839773	-86.926114	56190.45	56239.6	10.38	56200.83	56093.26563	56343.82710	56079.84375	505421.5	5409647.0
L5420.1	505421.5	5409647.0	15901.09961	427.93	0	48.839773	-86.926114	56190.91	56239.6	10.38	56201.29	56095.07031	56340.51582	56081.65234	505421.5	5409647.0
L5420.1	505421.6	5409647.6	15901.20020	427.44	0	48.839778	-86.926113	56191.39	56239.6	10.38	56201.77	56096.89844	56338.01691	56084.26172	505421.6	5409647.6
L5420.1	505421.6	5409647.9	15901.29981	427.30	0	48.839781	-86.926113	56191.78	56239.6	10.38	56202.15	56098.62500	56333.57100	56084.91406	505421.6	5409647.9
L5420.1	505421.6	5409647.9	15901.40039	427.55	0	48.839781	-86.926113	56191.75	56239.6	10.38	56202.13	56099.94922	56320.28061	56076.70703	505421.6	5409647.9
L5420.1	505421.6	5409648.3	15901.50000	426.99	0	48.839785	-86.926112	56192.00	56239.6	10.38	56202.38	56101.54688	56313.54545	56075.04297	505421.6	5409648.3
L5420.1	505421.7	5409648.8	15901.59961	428.90	0	48.839790	-86.926112	56192.34	56239.6	10.37	56202.71	56103.22266	56308.99581	56075.54688	505421.7	5409648.8
L5420.1	505421.7	5409649.4	15901.70020	428.31	0	48.839794	-86.926111	56192.42	56239.6	10.37	56202.79	56104.64844	56299.04335	56070.63281	505421.7	5409649.4
L5420.1	505421.7	5409649.4	15901.79981	427.62	0	48.839794	-86.926111	56192.21	56239.6	10.37	56202.58	56105.78516	56282.76565	56059.37500	505421.7	5409649.4
L5420.1	505421.8	5409649.9	15901.90039	426.59	0	48.839800	-86.926110	56192.52	56239.6	10.37	56202.89	56107.44141	56278.77906	56060.38672	505421.8	5409649.9
L5420.1	505421.8	5409650.5	15902.00000	425.98	0	48.839804	-86.926110	56192.17	56239.6	10.37	56202.54	56108.43750	56259.95494	56046.54297	505421.8	5409650.5
L5420.1	505421.8	5409650.5	15902.09961	431.04	0	48.839804	-86.926110	56191.86	56239.6	10.37	56202.22	56109.46094	56242.15043	56033.69531	505421.8	5409650.5
L5420.1	505421.9	5409651.1	15902.20020	433.02	0	48.839810	-86.926109	56191.93	56239.6	10.37	56202.29	56110.87891	56233.63655	56030.11719	505421.9	5409651.1
L5420.1	505421.9	5409651.7	15902.29981	432.54	0	48.839816	-86.926109	56191.81	56239.6	10.37	56202.17	56112.10547	56221.07596	56022.46484	505421.9	5409651.7
L5420.1	505421.9	5409651.7	15902.40039	431.08	0	48.839816	-86.926109	56191.81	56239.6	10.37	56202.17	56113.44922	56211.58966	56017.86719	505421.9	5409651.7
L5420.1	505422.0	5409652.4	15902.50000	430.64	0	48.839821	-86.926108	56191.65	56239.6	10.37	56202.01	56114.63281	56198.73584	56009.87109	505422.0	5409652.4
L5420.1	505422.0	5409652.4	15902.59961	426.47	0	48.839821	-86.926108	56191.78	56239.6	10.36	56202.14	56116.10547	56192.85312	56008.82031	505422.0	5409652.4
L5420.1	505422.0	5409653.0	15902.70020	426.39	0	48.839827	-86.926107	56192.00	56239.6	10.36	56202.37	56117.67969	56189.56799	56010.33594	505422.0	5409653.0
L5420.1	505422.1	5409653.6	15902.79981	432.02	0	48.839833	-86.926107	56191.92	56239.6	10.36	56202.28	56118.93359	56179.21962	56004.76172	505422.1	5409653.6
L5420.1	505422.1	5409654.2	15902.90039	430.07	0	48.839838	-86.926106	56192.31	56239.6	10.36	56202.67	56120.66406	56180.19138	56010.47656	505422.1	5409654.2
L5420.1	505422.1	5409654.9	15903.00000	429.93	0	48.839844	-86.926106	56192.34	56239.6	10.36	56202.70	56122.03516	56173.16732	56008.16406	505422.1	5409654.9
L5420.1	505422.1	5409654.9	15903.09961	430.88	0	48.839844	-86.926106	56192.56	56239.6	10.36	56202.92	56123.59766	56170.78357	56010.45703	505422.1	5409654.9
L5420.1	505422.2	5409655.7	15903.20020	432.34	0	48.839851	-86.926105	56192.94	56239.6	10.36	56203.30	56125.31641	56172.34347	56016.66016	505422.2	5409655.7
L5420.1	505422.2	5409655.7	15903.29981	432.94	0	48.839851	-86.926105	56192.98	56239.6	10.36	56203.34	56126.69531	56166.34616	56015.27344	505422.2	5409655.7
L5420.1	505422.2	5409656.7	15903.40039	433.51	0	48.839861	-86.926105	56193.50	56239.6	10.36	56203.87	56128.56250	56171.86371	56025.36328	505422.2	5409656.7
L5420.1	505422.2	5409657.4	15903.50000	434.77	0	48.839866	-86.926105	56193.64	56239.6	10.37	56204.01	56130.03906	56168.65981	56026.69922	505422.2	5409657.4
L5420.1	505422.2	5409657.4	15903.59961	433.16	0	48.839866	-86.926105	56193.72	56239.6	10.37	56204.08	56131.44141	56164.08279	56026.62109	505422.2	5409657.4
L5420.1	505422.2	5409658.1	15903.70020	433.45	0	48.839873	-86.926105	56194.02	56239.6	10.37	56204.39	56133.08594	56165.25098	56032.25000	505422.2	5409658.1
L5420.1	505422.2	5409658.8	15903.79981	432.08	0	48.839879	-86.926105	56194.38	56239.6	10.37	56204.75	56134.77734	56167.78903	56039.21094	505422.2	5409658.8
L5420.1	505422.1	5409659.5	15903.90039	432.73	0	48.839886	-86.926105	56194.82	56239.6	10.37	56205.19	56136.54688	56172.37870	56048.18750	505422.1	5409659.5
L5420.1	505422.1	5409659.5	15904.00000	432.52	0	48.839886	-86.926105	56194.71	56239.6	10.37	56205.08	56137.76563	56164.53016	56044.67969	505422.1	5409659.5
L5420.1	505422.1	5409660.2	15904.09961	433.50	0	48.839892	-86.926106	56194.89	56239.6	10.37	56205.26	56139.26953	56163.54480	56047.99609	505422.1	5409660.2
L5420.1	505422.1	5409661.1	15904.20020	434.38	0	48.839900	-86.926106	56194.82	56239.6	10.37	56205.18	56140.51563	56156.77176	56045.48438	505422.1	5409661.1
L5420.1	505422.0	5409661.9	15904.29981	433.65	0	48.839907	-86.926107	56195.51	56239.6	10.36	56205.88	56142.53516	56168.10991	56061.04297	505422.0	5409661.9
L5420.1	505422.0	5409661.9	15904.40039	434.77	0	48.839907	-86.926107	56195.22	56239.6	10.36	56205.58	56143.55469	56156.63410	56053.74219	505422.0	5409661.9
L5420.1	505422.0	5409662.8	15904.50000	431.89	0	48.839915	-86.926107	56195.75	56239.6	10.36	56206.11	56145.40234	56164.40323	56065.64063	505422.0	5409662.8
L5420.1	505422.0	5409663.5	15904.59961	432.15	0	48.839922	-86.926108	56195.51	56239.6	10.36	56205.87	56146.47266	56154.63000	56059.95703	505422.0	5409663.5
L5420.1	505422.0	5409663.5	15904.70020	429.90	0	48.839922	-86.926108	56196.22	56239.6	10.36	56206.58	56148.49609	56166.84487	56076.21484	505422.0	5409663.5
L5420.1	505421.9	5409664.3	15904.79981	430.18	0	48.839929	-86.926108	56195.81	56239.6	10.35	56206.16	56149.38281	56153.22686	56066.59766	505421.9	5409664.3
L5420.1	505421.9	5409665.1	15904.90039	429.62	0	48.839936	-86.926109	56196.20	56239.6	10.35	56206.55	56151.07422	56158.36387	56075.68750	505421.9	5409665.1
L5420.1	505421.9	5409665.1	15905.00000	428.80	0	48.839936	-86.926109	56196.40	56239.7	10.35	56206.75	56152.57422	56159.26140	56080.49219	505421.9	5409665.1
L5420.1	505421.9	5409665.9	15905.09961	428.92	0	48.839943	-86.926109	56196.44	56239.6	10.35	56206.79	56153.91016	56156.60198	56081.69141	505421.9	5409665.9
L5420.1	505421.8	5409666.8	15905.20020	428.81	0	48.839951	-86.926109	56196.63	56239.6	10.35	56206.98	56155.39063	56157.50475	56086.41016	505421.8	5409666.8
L5420.1	505421.8	5409667.7	15905.29981	428.61	0	48.839959	-86.926110	56196.61	56239.6	10.35	56206.96	56156.66016	56153.68757	56086.36328	505421.8	5409667.7
L5420.1	505421.8	5409667.7	15905.40039	428.28	0	48.839959	-86.926110	56197.04	56239.6	10.35	56207.39	56158.37109	56160.31549	56096.71094	505421.8	5409667.7
L5420.1	505421.8	5409668.6	15905.50000	427.40	0	48.839968	-86.926110	56197.12	56239.6	10.36	56207.47	56159.73047	56158.99237	56099.05859	505421.8	5409668.6
L5420.1	505421.8	5409669.6	15905.59961	429.07	0	48.839976	-86.926110	56197.29	56239.6	10.36	56207.64	56161.17188	56159.82651	56103.51953	505421.8	5409669.6
L5420.1	505421.8	5409669.6	15905.70020	431.33	0	48.839976	-86.926110	56197.21	56239.6	10.36	56207.57	56162.37109	56155.22623	56102.50000	505421.8	5409669.6
L5420.1	505421.8	5409670.9	15905.79981	433.16	0	48.839988	-86.926110	56197.52	56239.6	10.36	56207.88	56163.94141	56159.43798	56110.24219	505421.8	5409670.9
L5420.1	505421.7	5409672.0	15905.90039	431.89	0	48.839998	-86.926111	56197.77	56239.6	10.36	56208.13	56165.44922	56162.34199	56116.62891	505421.7	5409672.0
L5420.1	505421.7	5409672.0	15906.00000	431.62	0	48.839998	-86.926111	56197.65	56239.6	10.36	56208.01	56166.58203	56156.80709	56114.52734	505421.7	5409672.0
L5420.1	505421.7	5409673.2	15906.09961	432.18	0	48.840009	-86.926111	56197.82	56239.6	10.36	56208.18	56167.99609	56157.99998	56119.10938	505421.7	5409673.2
L5420.1	505421.7	5409673.2	15906.20020	430.78	0	48.840009	-86.926111	56197.98	56239.6	10.36	56208.34	56169.39453	56159.01991	56123.46875	505421.7	5409673.2
L5420.1	505421.7	5409675.2	15906.29981	431.30	0	48.840026	-86.926111	56198.34	56239.6	10.36	56208.69	56170.97266	56164.46001	56132.19922	505421.7	5409675.2
L5420.1	505421.7	5409675.2	15906.40039	433.17	0	48.840026	-86.926111	56198.34	56239.6	10.36	56208.69	56172.19922	56161.90313	56132.88672	505421.7	5409675.2
L5420.1	505421.7	5409676.2	15906.50000	435.02	0	48.840036	-86.926111	56198.55	56239.6	10.35	56208.90	56173.62500	56164.21838	56138.39844	505421.7	5409676.2
L5420.1	505421.7	5409676.2	15906.59961	436.27	0	48.840036	-86.926111	56198.46	56239.6	10.35	56208.81	56174.74609	56159.67883	56137.00391	505421.7	5409676.2
L5420.1	505421.7	5409677.4	15906.70020	430.22	0	48.840046	-86.926111	56198.78	56239.6	10.35	56209.13	56176.26563	56164.60224	56145.02734	505421.7	5409677.4
L5420.1	505421.7	5409678.0	15906.79981	429.82	0	48.840052	-86.926111	56198.82	56239.6	10.35	56209.17	56177.50000	56163.12455	56146.60547	505421.7	5409678.0
L5420.1	505421.7	5409679.2	15906.90039	433.28	0	48.840062	-86.926111	56199.00	56239.6	10.35	56209.35	56178.86719	56164.89785	56151.38281	505421.7	5409679.2
L5420.1	505421.7	5409679.2	15907.00000	431.43	0	48.840062	-86.926111	56199.41	56239.7	10.35	56209.76	56180.45313	56171.98869	56161.43359	505421.7	5409679.2

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5420.1	505421.7	5409680.4	15907.09961	432.65	0	48.840074	-86.926111	56199.48	56239.6	10.35	56209.83	56181.69141	56171.29237	56163.64844	505421.7	5409680.4
L5420.1	505421.7	5409681.6	15907.20020	431.88	0	48.840084	-86.926111	56199.74	56239.6	10.35	56210.09	56183.10938	56174.99043	56170.21094	505421.7	5409681.6
L5420.1	505421.7	5409681.6	15907.29981	434.58	0	48.840084	-86.926111	56199.38	56239.6	10.35	56209.73	56183.89844	56164.46181	56162.50391	505421.7	5409681.6
L5420.1	505421.7	5409682.9	15907.40039	434.54	0	48.840096	-86.926111	56199.69	56239.6	10.35	56210.04	56185.34766	56169.35894	56170.17578	505421.7	5409682.9
L5420.1	505421.7	5409683.8	15907.50000	434.08	0	48.840105	-86.926112	56199.82	56239.6	10.36	56210.18	56186.61719	56170.37171	56173.91406	505421.7	5409683.8
L5420.1	505421.6	5409684.9	15907.59961	434.58	0	48.840114	-86.926112	56200.00	56239.6	10.36	56210.35	56187.90625	56172.09699	56178.32422	505421.6	5409684.9
L5420.1	505421.6	5409684.9	15907.70020	432.97	0	48.840114	-86.926112	56200.18	56239.6	10.36	56210.53	56189.19531	56174.07478	56182.94141	505421.6	5409684.9
L5420.1	505421.6	5409686.1	15907.79981	432.86	0	48.840125	-86.926112	56200.00	56239.6	10.36	56210.35	56190.11328	56167.79975	56179.25781	505421.6	5409686.1
L5420.1	505421.6	5409687.3	15907.90039	432.93	0	48.840135	-86.926112	56200.07	56239.6	10.36	56210.43	56191.28125	56167.52426	56181.53516	505421.6	5409687.3
L5420.1	505421.6	5409687.3	15908.00000	435.32	0	48.840135	-86.926112	56200.20	56239.6	10.36	56210.56	56192.48438	56168.42148	56184.93750	505421.6	5409687.3
L5420.1	505421.6	5409688.9	15908.09961	435.13	0	48.840150	-86.926112	56200.43	56239.6	10.36	56210.78	56193.76953	56171.41162	56190.39063	505421.6	5409688.9
L5420.1	505421.6	5409688.9	15908.20020	434.72	0	48.840150	-86.926112	56200.71	56239.7	10.35	56211.06	56195.09766	56175.80604	56197.20703	505421.6	5409688.9
L5420.1	505421.6	5409690.3	15908.29981	431.61	0	48.840163	-86.926112	56200.72	56239.7	10.35	56211.06	56196.14063	56173.79027	56197.57031	505421.6	5409690.3
L5420.1	505421.6	5409691.4	15908.40039	431.62	0	48.840173	-86.926112	56200.76	56239.7	10.34	56211.10	56197.20703	56172.72164	56198.83984	505421.6	5409691.4
L5420.1	505421.6	5409692.4	15908.50000	431.36	0	48.840182	-86.926112	56200.84	56239.7	10.33	56211.17	56198.28906	56172.37190	56200.78516	505421.6	5409692.4
L5420.1	505421.6	5409692.4	15908.59961	430.30	0	48.840182	-86.926112	56200.63	56239.7	10.33	56210.96	56199.08203	56165.61680	56196.28516	505421.6	5409692.4
L5420.1	505421.7	5409693.8	15908.70020	426.83	0	48.840194	-86.926112	56200.82	56239.7	10.32	56211.14	56200.25000	56167.85979	56200.74609	505421.7	5409693.8
L5420.1	505421.7	5409695.0	15908.79981	426.69	0	48.840205	-86.926111	56200.98	56239.7	10.32	56211.30	56201.38281	56169.67828	56204.74219	505421.7	5409695.0
L5420.1	505421.7	5409695.0	15908.90039	427.60	0	48.840205	-86.926111	56200.96	56239.7	10.31	56211.27	56202.31250	56167.16675	56204.36719	505421.7	5409695.0
L5420.1	505421.7	5409695.9	15909.00000	428.20	0	48.840213	-86.926111	56201.23	56239.7	10.31	56211.54	56203.53125	56171.59144	56210.89063	505421.7	5409695.9
L5420.1	505421.7	5409697.1	15909.09961	429.47	0	48.840223	-86.926111	56201.29	56239.7	10.31	56211.60	56204.52344	56171.23145	56212.59375	505421.7	5409697.1
L5420.1	505421.7	5409698.4	15909.20020	430.05	0	48.840235	-86.926111	56201.20	56239.7	10.31	56211.51	56205.35156	56167.46876	56210.85547	505421.7	5409698.4
L5420.1	505421.7	5409698.4	15909.29981	430.26	0	48.840235	-86.926111	56201.19	56239.7	10.31	56211.50	56206.24219	56165.59328	56210.96875	505421.7	5409698.4
L5420.1	505421.7	5409700.0	15909.40039	431.71	0	48.840250	-86.926111	56201.32	56239.7	10.31	56211.63	56207.26172	56166.98720	56214.31250	505421.7	5409700.0
L5420.1	505421.7	5409700.9	15909.50000	431.33	0	48.840258	-86.926111	56201.18	56239.7	10.31	56211.49	56207.99609	56162.22876	56211.47266	505421.7	5409700.9
L5420.1	505421.7	5409700.9	15909.59961	431.45	0	48.840258	-86.926111	56201.27	56239.7	10.31	56211.58	56208.94141	56162.81471	56213.94141	505421.7	5409700.9
L5420.1	505421.7	5409702.3	15909.70020	430.10	0	48.840271	-86.926111	56201.41	56239.7	10.31	56211.72	56209.92578	56164.61051	56217.58203	505421.7	5409702.3
L5420.1	505421.7	5409702.3	15909.79981	429.57	0	48.840271	-86.926111	56201.29	56239.7	10.31	56211.60	56210.63281	56160.49331	56215.28125	505421.7	5409702.3
L5420.1	505421.7	5409705.1	15909.90039	430.29	0	48.840296	-86.926111	56201.44	56239.7	10.31	56211.75	56211.59375	56162.64960	56219.21875	505421.7	5409705.1
L5420.1	505421.7	5409705.1	15910.00000	428.68	0	48.840296	-86.926111	56201.38	56239.7	10.31	56211.69	56212.32813	56160.04878	56218.36719	505421.7	5409705.1
L5420.1	505421.7	5409706.4	15910.09961	429.62	0	48.840307	-86.926111	56201.44	56239.7	10.31	56211.75	56213.16406	56160.27992	56220.31250	505421.7	5409706.4
L5420.1	505421.7	5409706.4	15910.20020	430.86	0	48.840307	-86.926111	56201.58	56239.7	10.32	56211.90	56214.07813	56162.65667	56224.37500	505421.7	5409706.4
L5420.1	505421.7	5409707.8	15910.29981	430.86	0	48.840320	-86.926110	56201.47	56239.7	10.32	56211.79	56214.71484	56159.13675	56222.51172	505421.7	5409707.8
L5420.1	505421.7	5409708.9	15910.40039	429.84	0	48.840330	-86.926110	56201.43	56239.7	10.32	56211.75	56215.40234	56157.30919	56222.30859	505421.7	5409708.9
L5420.1	505421.7	5409708.9	15910.50000	430.30	0	48.840330	-86.926110	56201.39	56239.7	10.32	56211.72	56216.08203	56155.79795	56222.39453	505421.7	5409708.9
L5420.1	505421.8	5409709.9	15910.59961	429.44	0	48.840339	-86.926110	56201.38	56239.7	10.33	56211.71	56216.76953	56154.83604	56223.00000	505421.8	5409709.9
L5420.1	505421.8	5409711.1	15910.70020	428.91	0	48.840350	-86.926110	56201.27	56239.7	10.33	56211.60	56217.33594	56151.66807	56221.37109	505421.8	5409711.1
L5420.1	505421.8	5409712.5	15910.79981	430.27	0	48.840362	-86.926110	56201.31	56239.7	10.33	56211.64	56218.03906	56152.04386	56223.25781	505421.8	5409712.5
L5420.1	505421.8	5409712.5	15910.90039	431.46	0	48.840362	-86.926110	56201.21	56239.7	10.34	56211.55	56218.59375	56149.52990	56222.22656	505421.8	5409712.5
L5420.1	505421.8	5409714.1	15911.00000	431.53	0	48.840376	-86.926109	56201.16	56239.7	10.34	56211.50	56219.16797	56148.03685	56222.19141	505421.8	5409714.1
L5420.1	505421.8	5409715.2	15911.09961	430.27	0	48.840387	-86.926109	56201.19	56239.7	10.34	56211.53	56219.80859	56148.48692	56224.07031	505421.8	5409715.2
L5420.1	505421.8	5409716.5	15911.20020	432.92	0	48.840399	-86.926109	56201.16	56239.7	10.34	56211.50	56220.37109	56147.66453	56224.65625	505421.8	5409716.5
L5420.1	505421.8	5409716.5	15911.29981	433.73	0	48.840399	-86.926109	56201.16	56239.7	10.34	56211.49	56220.93359	56147.41113	56225.78125	505421.8	5409716.5
L5420.1	505421.8	5409717.7	15911.40039	433.46	0	48.840409	-86.926109	56201.19	56239.7	10.34	56211.53	56221.53125	56148.41870	56228.14453	505421.8	5409717.7
L5420.1	505421.8	5409717.7	15911.50000	428.47	0	48.840409	-86.926109	56201.02	56239.7	10.33	56211.35	56221.89063	56144.48290	56225.53906	505421.8	5409717.7
L5420.1	505421.9	5409719.1	15911.59961	427.76	0	48.840422	-86.926108	56200.72	56239.7	10.33	56211.05	56222.11328	56137.90454	56220.26953	505421.9	5409719.1
L5420.1	505421.9	5409719.9	15911.70020	428.70	0	48.840429	-86.926108	56200.81	56239.7	10.33	56211.14	56222.70703	56140.40903	56224.05859	505421.9	5409719.9
L5420.1	505421.9	5409721.7	15911.79981	428.60	0	48.840445	-86.926108	56200.76	56239.7	10.33	56211.09	56223.14453	56139.81489	56224.73047	505421.9	5409721.7
L5420.1	505421.9	5409721.7	15911.90039	429.59	0	48.840445	-86.926108	56200.63	56239.7	10.33	56210.96	56223.48438	56137.50295	56223.65625	505421.9	5409721.7
L5420.1	505421.9	5409724.1	15912.00000	429.64	0	48.840467	-86.926107	56200.56	56239.7	10.33	56210.89	56223.86328	56136.69284	56224.06641	505421.9	5409724.1
L5420.1	505421.9	5409724.1	15912.09961	429.77	0	48.840467	-86.926107	56200.54	56239.7	10.33	56210.87	56224.27734	56137.15594	56225.72656	505421.9	5409724.1
L5420.1	505422.0	5409725.3	15912.20020	429.55	0	48.840478	-86.926107	56200.40	56239.7	10.33	56210.73	56224.55469	56134.98547	56224.73047	505422.0	5409725.3
L5420.1	505422.0	5409726.7	15912.29981	428.63	0	48.840490	-86.926107	56200.25	56239.7	10.33	56210.58	56224.80469	56132.71090	56223.61328	505422.0	5409726.7
L5420.1	505422.0	5409726.7	15912.40039	428.89	0	48.840490	-86.926107	56200.00	56239.7	10.33	56210.32	56224.92578	56128.03420	56220.07422	505422.0	5409726.7
L5420.1	505422.0	5409728.2	15912.50000	429.06	0	48.840503	-86.926107	56200.05	56239.7	10.32	56210.37	56225.33984	56130.61049	56223.76563	505422.0	5409728.2
L5420.1	505422.0	5409729.6	15912.59961	429.24	0	48.840516	-86.926107	56199.89	56239.7	10.32	56210.22	56225.53516	56128.71657	56222.96484	505422.0	5409729.6
L5420.1	505422.0	5409729.6	15912.70020	429.35	0	48.840516	-86.926107	56199.61	56239.7	10.32	56209.93	56225.57813	56123.73177	56219.05859	505422.0	5409729.6
L5420.1	505422.0	5409731.0	15912.79981	428.88	0	48.840529	-86.926107	56199.36	56239.7	10.32	56209.68	56225.64063	56119.79368	56216.17969	505422.0	5409731.0
L5420.1	505422.0	5409732.3	15912.90039	429.51	0	48.840540	-86.926107	56199.41	56239.7	10.32	56209.73	56225.98438	56122.87869	56220.30469	505422.0	5409732.3
L5420.1	505422.0	5409732.3	15913.00000	431.03	0	48.840540	-86.926107	56199.18	56239.7	10.32	56209.50	56226.03516	56119.65366	56218.10156	505422.0	5409732.3
L5420.1	505422.0	5409734.0	15913.09961	431.87	0	48.840556	-86.926107	56198.99	56239.7	10.32	56209.31	56226.10547	56117.47380	56216.92578	505422.0	5409734.0
L5420.1	505422.0	5409735.5	15913.20020	431.54	0	48.840569	-86.926107	56198.88	56239.7	10.32	56209.20	56226.23828	56117.25768	56217.69531	505422.0	5409735.5
L5420.1	505422.0	5409735.5	15913.29981	431.88	0	48.840569	-86.926107	56198.79	56239.7	10.32	56209.11	56226.37891	56117.62494	56219.03125	505422.0	5409735.5
L5420.1	505422.0	5409737.2	15913.40039	431.61	0	48.840584	-86.926107	56198.50	56239.7	10.32	56208.82	56226.30078	56113.51704	56215.87500	505422.0	5409737.2
L5420.1	505422.0	5409738.6	15913.50000	432.44	0	48.840597	-86.926107	56198.23	56239.7	10.32	56208.56	56226.23438	56110.21951	56213.50781	505422.0	5409738.6
L5420.1	505422.0	5409740.3	15913.59961	430.60	0	48.840612	-86.926106	56198.20	56239.7	10.33	56208.52	56226.37109	56112.09821	56216.30469	505422.0	5409740.3
L5420.1	505422.0	5409740.3	15913.70020	429.19	0	48.840612	-86.926106	56197.92	56239.7	10.33	56208.25	56226.26563	56108.80692	56213.91406	505422.0	5409740.3
L5420.1	505422.0	5409741.9	15913.79981	428.36	0	48.840626	-86.926106	56197.65	56239.7	10.33	56207.98	56226.14063	56105.63058	56211.62109	505422.0	5409741.9
L5420.1	505422.0	5409741.9	15913.90039	428.62	0	48.840626	-86.926106	56197.46	56239.7	10.33	56207.79	56226.08203	56104.40585	56211.26563	505422.0	5409741.9
L5420.1	505422.0	5409743.4	15914.00000	428.93	0	48.840640	-86.926106	56197.39	56239.7	10.33	56207.72	56226.12500	56106.04968	56213.75781	505422.0	5409743.4
L5420.1	505422.0	5409743.4	15914.09961	427.55	0	48.840640	-86.926106	56197.12	56239.7	10.33	56207.45	56225.95313	56103.20344	56211.74609	505422.0	5409743.4
L5420.1	505422.0	5409745.2	15914.20020	429.32	0	48.840656	-86.926106	56196.91	56239.7	10.33	56207.23	56225.81641	56101.61104	56210.97266	505422.0	5409745.2
L5420.1	505422.0	5409746.5	15914.29981	429.96	0	48.840668	-86.926106	56196.66	56239.7	10.33	56206.98	56225.63672	56099.43041	56209.59766	505422.0	5409746.5
L5420.1	505422.0	5409746.5	15914.40039	431.00	0	48.840668	-86.926106	56196.36	56239.7	10.33	56206.69	56225.39844	56096.42841	56207.38281	505422.0	5409746.5
L5420.1	505422.0	5409748.0	15914.50000	430.69	0	48.840682	-86.926106	56196.22	56239.7	10.33	56206.55	56225.29688	56096.96918	56208.69141	505422.0	5409748.0
L5420.1	505422.0	5409749.3	15914.59961	430.62	0	48.840693	-86.926106	56195.89	56239.7	10.32	56206.22	56224.98828	56093.23342	56205.71094	505422.0	5409749.3
L5420.1	505422.0	5409749.3	15914.70020	431.50	0	48.840693	-86.926106	56195.45	56239.7	10.32	56205.77	56224.54688	56086.82645	56200.04297	505422.0	5409749.3
L5420.1	505422.0	5409750.8	15914.79981	429.34	0	48.840707	-86.926106	56195.20	56239.7	10.32	56205.52	56224.28906	56085.10024	56199.04297	505422.0	5409750.8
L5420.1	505422.0	5409752.5	15914.90039	427.16	0	48.840722	-86.926106	56195.00	56239.7	10.32	56205.32	56224.07031	56084.60258	56199.25391	505422.0	5409752.5
L5420.1	505422.0	5409754.2	15915.00000	426.86	0	48.840737	-86.926106	56194.71	56239.7	10.32	56205.03	56223.74219	56082.11098	56197.45313	505422.0	5409754.2
L5420.1	505422.0	5409754.2	15915.09961	426.08	0	48.840737	-86.926106	56194.58	56239.7	10.32	56204.90	56223.56641	56083.36781	56199.38672	505422.0	5409754.2
L5420.1	505422.0	5409755.7	15915.20020	425.95	0	48.840751	-86.926106	56194.51	56239.7	10.32	56204.83	56223.43359	56086.06977	56202.75000	505422.0	5409755.7
L5420.1	505422.0	5409755.7	15915.29981	425.28	0	48.840751	-86.926106	56194.05	56239.7	10.33	56204.38	56222.90625	56080.09775	56197.42188	505422.0	5409755.7
L5420.1	505422.0	5409756.9	15915.40039	424.69	0	48.840762	-86.926106	56193.53	56239.7	10.33	56203.86	56222.29688	56072.57292	56190.52734	505422.0	5409756.9
L5420.1	505422.0	5409758.3	15915.50000	428.11	0	48.840774	-86.926105	56193.32	56239.7	10.33	56203.65	56221.98047	56072.22543	56190.79297	505422.0	5409758.3
L5420.1	505422.0	5409758.3	15915.59961	428.22	0	48.840774	-86.926105	56193.21	56239.7	10.33	56203.55	56221.76563	56074.45270	56193.62109	505422.0	5409758.3
L5420.1	505422.0	5409759.8	15915.70020	429.34	0	48.840788	-86.926105	56192.82	56239.7	10.33	56203.15	56221.23438	56069.82467	56189.57422	505422.0	5409759.8
L5420.1	505422.0	5409761.6	15915.79981	428.60	0	48.840804	-86.926105	56192.48	56239.7	10.34	56202.82	56220.76172	56066.84124	56187.16016	505422.0	5409761.6
L5420.1	505422.0	5409761.6	15915.90039	428.03	0	48.840804	-86.926105	56192.35	56239.7	10.34	56202.69	56220.48047	56068.48523	56189.35547	505422.0	5409761.6
L5420.1	505422.1	5409762.8	15916.00000	430.70	0	48.840815	-86.926105	56192.06	56239.7	10.34	56202.40	56220.01953	56066.47559	56187.87891	505422.1	5409762.8
L5420.1	505422.1	5409764.1	15916.09961	432.56	0	48.840827	-86.926105	56191.86	56239.7	10.34	56202.20	56219.64063	56066.55339	56188.47656	505422.1	5409764.1
L5420.1	505422.1	5409765.9	15916.20020	431.05	0	48.840842	-86.926105	56191.57	56239.7	10.34	56201.91	56219.16016	56064.57507	56187.00391	505422.1	5409765.9
L5420.1	505422.1	5409765.9	15916.29981	429.92	0	48.840842	-86.926105	56191.12	56239.7	10.34	56201.46	56218.50781	56058.92554	56181.83984	505422.1	5409765.9

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5420.1	505422.1	5409767.5	15916.40039	429.24	0	48.840857	-86.926105	56190.81	56239.7	10.34	56201.15	56217.98438	56056.49492	56179.88281	505422.1	5409767.5
L5420.1	505422.0	5409768.6	15916.50000	430.22	0	48.840867	-86.926105	56190.57	56239.7	10.34	56200.91	56217.51563	56055.66791	56179.50781	505422.0	5409768.6
L5420.1	505422.0	5409770.1	15916.59961	430.40	0	48.840881	-86.926105	56190.36	56239.7	10.34	56200.70	56217.07031	56055.51875	56179.79688	505422.0	5409770.1
L5420.1	505422.0	5409770.1	15916.70020	428.20	0	48.840881	-86.926105	56190.10	56239.7	10.34	56200.44	56216.55859	56054.20210	56178.90625	505422.0	5409770.1
L5420.1	505422.0	5409772.1	15916.79981	429.62	0	48.840898	-86.926105	56189.63	56239.7	10.34	56199.97	56215.83203	56048.03353	56173.14063	505422.0	5409772.1
L5420.1	505422.0	5409773.7	15916.90039	429.68	0	48.840913	-86.926106	56189.25	56239.7	10.34	56199.59	56215.17969	56043.90266	56169.40234	505422.0	5409773.7
L5420.1	505422.0	5409773.7	15917.00000	430.25	0	48.840913	-86.926106	56189.02	56239.7	10.34	56199.36	56214.66797	56043.18209	56169.05078	505422.0	5409773.7
L5420.1	505422.0	5409775.0	15917.09961	429.67	0	48.840925	-86.926106	56188.74	56239.7	10.34	56199.08	56214.09766	56041.26763	56167.49219	505422.0	5409775.0
L5420.1	505422.0	5409776.6	15917.20020	429.66	0	48.840939	-86.926106	56188.26	56239.7	10.35	56198.61	56213.32813	56034.93426	56161.49609	505422.0	5409776.6
L5420.1	505422.0	5409776.6	15917.29981	430.05	0	48.840939	-86.926106	56188.18	56239.6	10.35	56198.53	56212.93359	56037.50768	56164.39453	505422.0	5409776.6
L5420.1	505422.0	5409778.0	15917.40039	429.80	0	48.840951	-86.926106	56187.95	56239.6	10.36	56198.31	56212.39453	56036.79766	56163.98828	505422.0	5409778.0
L5420.1	505422.0	5409778.0	15917.50000	430.46	0	48.840951	-86.926106	56187.61	56239.6	10.36	56197.97	56211.72266	56033.25689	56160.73438	505422.0	5409778.0
L5420.1	505422.0	5409779.5	15917.59961	429.39	0	48.840965	-86.926106	56187.09	56239.6	10.37	56197.46	56210.87109	56025.72887	56153.47656	505422.0	5409779.5
L5420.1	505422.0	5409780.9	15917.70020	431.55	0	48.840978	-86.926106	56186.70	56239.6	10.38	56197.07	56210.13281	56020.87267	56148.87109	505422.0	5409780.9
L5420.1	505421.9	5409782.3	15917.79981	431.49	0	48.840990	-86.926106	56186.62	56239.6	10.38	56197.00	56209.70313	56023.27844	56151.51172	505421.9	5409782.3
L5420.1	505421.9	5409783.9	15917.90039	431.24	0	48.841005	-86.926107	56186.33	56239.6	10.39	56196.71	56209.04688	56020.52570	56148.97656	505421.9	5409783.9
L5420.1	505421.9	5409783.9	15918.00000	430.34	0	48.841005	-86.926107	56186.16	56239.6	10.39	56196.55	56208.50781	56020.65251	56149.30469	505421.9	5409783.9
L5420.1	505421.9	5409785.7	15918.09961	430.32	0	48.841021	-86.926107	56185.81	56239.6	10.39	56196.20	56207.77344	56016.29544	56145.12891	505421.9	5409785.7
L5420.1	505421.9	5409785.7	15918.20020	432.26	0	48.841021	-86.926107	56185.58	56239.6	10.38	56195.96	56207.13672	56014.34304	56143.33984	505421.9	5409785.7
L5420.1	505421.9	5409787.4	15918.29981	431.02	0	48.841036	-86.926107	56185.12	56239.6	10.38	56195.50	56206.27734	56007.20183	56136.34766	505421.9	5409787.4
L5420.1	505421.9	5409789.0	15918.40039	431.45	0	48.841050	-86.926107	56184.86	56239.6	10.38	56195.23	56205.59375	56004.28882	56133.56250	505421.9	5409789.0
L5420.1	505421.9	5409789.0	15918.50000	433.25	0	48.841050	-86.926107	56184.54	56239.6	10.38	56194.91	56204.85547	56000.07923	56129.46484	505421.9	5409789.0
L5420.1	505421.9	5409790.3	15918.59961	433.09	0	48.841062	-86.926107	56184.42	56239.6	10.37	56194.79	56204.30859	56000.31195	56129.78906	505421.9	5409790.3
L5420.1	505421.9	5409792.1	15918.70020	431.13	0	48.841078	-86.926107	56184.43	56239.6	10.37	56194.80	56203.88281	56003.36987	56132.92188	505421.9	5409792.1
L5420.1	505421.9	5409792.1	15918.79981	430.41	0	48.841078	-86.926107	56184.02	56239.6	10.37	56194.38	56203.02344	55996.37206	56125.98438	505421.9	5409792.1
L5420.1	505421.9	5409793.8	15918.90039	431.77	0	48.841093	-86.926107	56183.73	56239.6	10.36	56194.10	56202.29297	55992.41309	56122.06250	505421.9	5409793.8
L5420.1	505421.9	5409795.0	15919.00000	429.09	0	48.841105	-86.926107	56183.39	56239.6	10.36	56193.75	56201.48438	55986.65741	56116.32813	505421.9	5409795.0
L5420.1	505421.9	5409795.0	15919.09961	431.47	0	48.841105	-86.926107	56183.23	56239.6	10.36	56193.59	56200.85938	55985.07338	56114.74609	505421.9	5409795.0
L5420.1	505421.9	5409796.6	15919.20020	432.18	0	48.841119	-86.926107	56182.92	56239.6	10.36	56193.28	56200.07813	55979.83693	56109.49609	505421.9	5409796.6
L5420.1	505421.9	5409798.4	15919.29981	432.02	0	48.841135	-86.926107	56182.85	56239.6	10.36	56193.20	56199.52344	55979.67474	56109.30078	505421.9	5409798.4
L5420.1	505421.9	5409798.4	15919.40039	432.12	0	48.841135	-86.926107	56182.70	56239.6	10.36	56193.05	56198.88672	55977.68208	56107.25781	505421.9	5409798.4
L5420.1	505421.9	5409800.2	15919.50000	430.51	0	48.841151	-86.926107	56182.40	56239.6	10.36	56192.75	56198.09375	55972.01132	56101.51563	505421.9	5409800.2
L5420.1	505421.9	5409801.9	15919.59961	431.94	0	48.841167	-86.926107	56182.34	56239.6	10.35	56192.69	56197.53906	55971.61877	56101.03906	505421.9	5409801.9
L5420.1	505421.9	5409801.9	15919.70020	431.07	0	48.841167	-86.926107	56182.01	56239.6	10.35	56192.36	56196.70313	55964.77210	56094.08594	505421.9	5409801.9
L5420.1	505421.9	5409803.5	15919.79981	432.13	0	48.841181	-86.926107	56181.93	56239.6	10.35	56192.29	56196.12109	55963.64566	56092.83594	505421.9	5409803.5
L5420.1	505421.9	5409805.3	15919.90039	432.67	0	48.841198	-86.926107	56181.71	56239.6	10.35	56192.07	56195.38672	55958.80571	56087.85547	505421.9	5409805.3
L5420.1	505421.9	5409805.3	15920.00000	432.22	0	48.841198	-86.926107	56181.68	56239.7	10.35	56192.03	56194.82422	55957.82897	56086.71875	505421.9	5409805.3
L5420.1	505421.9	5409807.0	15920.09961	432.22	0	48.841212	-86.926106	56181.69	56239.7	10.35	56192.04	56194.30469	55957.71796	56086.42969	505421.9	5409807.0
L5420.1	505421.9	5409808.6	15920.20020	434.49	0	48.841227	-86.926106	56181.63	56239.7	10.35	56191.98	56193.71094	55955.70495	56084.22266	505421.9	5409808.6
L5420.1	505421.9	5409808.6	15920.29981	436.24	0	48.841227	-86.926106	56181.34	56239.7	10.35	56191.68	56192.87109	55947.87281	56076.17969	505421.9	5409808.6
L5420.1	505421.9	5409810.6	15920.40039	434.44	0	48.841244	-86.926106	56181.17	56239.7	10.35	56191.52	56192.16797	55942.94729	56071.02344	505421.9	5409810.6
L5420.1	505421.9	5409810.6	15920.50000	432.21	0	48.841244	-86.926106	56181.16	56239.7	10.35	56191.51	56191.60938	55941.14877	56068.97656	505421.9	5409810.6
L5420.1	505421.9	5409812.3	15920.59961	432.18	0	48.841260	-86.926106	56181.34	56239.7	10.34	56191.68	56191.22266	55943.15730	56070.71484	505421.9	5409812.3
L5420.1	505421.9	5409813.9	15920.70020	432.29	0	48.841275	-86.926106	56181.38	56239.7	10.34	56191.72	56190.70313	55941.83719	56069.11328	505421.9	5409813.9
L5420.1	505421.9	5409813.9	15920.79981	432.00	0	48.841275	-86.926106	56181.08	56239.7	10.34	56191.42	56189.83984	55932.35138	56059.32422	505421.9	5409813.9
L5420.1	505421.9	5409815.3	15920.90039	431.86	0	48.841287	-86.926107	56181.04	56239.7	10.34	56191.38	56189.23047	55928.48242	56055.13672	505421.9	5409815.3
L5420.1	505421.9	5409816.9	15921.00000	432.31	0	48.841301	-86.926107	56181.03	56239.7	10.34	56191.37	56188.64453	55924.93334	56051.25000	505421.9	5409816.9
L5420.1	505421.9	5409816.9	15921.09961	432.33	0	48.841301	-86.926107	56181.28	56239.7	10.34	56191.62	56188.31641	55926.98125	56052.94531	505421.9	5409816.9
L5420.1	505421.9	5409818.9	15921.20020	432.11	0	48.841320	-86.926107	56181.40	56239.7	10.35	56191.74	56187.85547	55925.65109	56051.24219	505421.9	5409818.9
L5420.1	505421.9	5409820.1	15921.29981	431.71	0	48.841330	-86.926107	56181.43	56239.7	10.35	56191.78	56187.30859	55922.08211	56047.28516	505421.9	5409820.1
L5420.1	505421.9	5409821.3	15921.40039	433.23	0	48.841341	-86.926107	56181.38	56239.6	10.35	56191.73	56186.66797	55916.03426	56040.83203	505421.9	5409821.3
L5420.1	505421.9	5409821.3	15921.50000	432.86	0	48.841341	-86.926107	56181.43	56239.6	10.35	56191.79	56186.13281	55912.09474	56036.46875	505421.9	5409821.3
L5420.1	505421.9	5409823.0	15921.59961	432.64	0	48.841356	-86.926107	56181.63	56239.6	10.36	56191.99	56185.73438	55910.94287	56034.87500	505421.9	5409823.0
L5420.1	505421.9	5409824.5	15921.70020	432.43	0	48.841370	-86.926107	56181.82	56239.6	10.36	56192.18	56185.32422	55909.12020	56032.59375	505421.9	5409824.5
L5420.1	505421.9	5409824.5	15921.79981	431.75	0	48.841370	-86.926107	56182.16	56239.6	10.36	56192.52	56185.05859	55910.29425	56033.29688	505421.9	5409824.5
L5420.1	505421.9	5409826.3	15921.90039	432.28	0	48.841386	-86.926107	56182.21	56239.6	10.37	56192.58	56184.50781	55904.57004	56027.08203	505421.9	5409826.3
L5420.1	505421.9	5409827.5	15922.00000	432.36	0	48.841397	-86.926107	56182.59	56239.6	10.37	56192.96	56184.27734	55905.72939	56027.73047	505421.9	5409827.5
L5420.1	505421.9	5409829.1	15922.09961	433.03	0	48.841411	-86.926107	56182.64	56239.6	10.37	56193.02	56183.72266	55899.04989	56020.52734	505421.9	5409829.1
L5420.1	505421.9	5409829.1	15922.20020	431.91	0	48.841411	-86.926107	56182.92	56239.6	10.37	56193.30	56183.38672	55896.93406	56017.87109	505421.9	5409829.1
L5420.1	505421.9	5409830.8	15922.29981	432.22	0	48.841426	-86.926107	56183.23	56239.6	10.38	56193.60	56183.06641	55894.77381	56015.15234	505421.9	5409830.8
L5420.1	505421.9	5409832.7	15922.40039	432.17	0	48.841443	-86.926107	56183.58	56239.6	10.38	56193.96	56182.80469	55893.47794	56013.28125	505421.9	5409832.7
L5420.1	505421.9	5409833.6	15922.50000	432.69	0	48.841452	-86.926106	56183.91	56239.6	10.38	56194.29	56182.51172	55890.96693	56010.18359	505421.9	5409833.6
L5420.1	505421.9	5409833.6	15922.59961	431.46	0	48.841452	-86.926106	56184.31	56239.6	10.38	56194.69	56182.28516	55889.52878	56008.13672	505421.9	5409833.6
L5420.1	505421.9	5409835.7	15922.70020	431.24	0	48.841471	-86.926106	56184.66	56239.6	10.38	56195.05	56182.01953	55886.62417	56004.60938	505421.9	5409835.7
L5420.1	505421.9	5409837.1	15922.79981	430.57	0	48.841483	-86.926106	56185.00	56239.6	10.39	56195.39	56181.73047	55882.70214	56000.05078	505421.9	5409837.1
L5420.1	505421.9	5409837.1	15922.90039	431.47	0	48.841483	-86.926106	56185.68	56239.6	10.39	56196.07	56181.77734	55886.02736	56002.72266	505421.9	5409837.1
L5420.1	505421.9	5409838.6	15923.00000	433.43	0	48.841497	-86.926106	56185.98	56239.6	10.39	56196.37	56181.44531	55880.03829	55996.06250	505421.9	5409838.6
L5420.1	505421.9	5409839.8	15923.09961	433.55	0	48.841507	-86.926106	56186.36	56239.6	10.39	56196.75	56181.19531	55875.29838	55990.63672	505421.9	5409839.8
L5420.1	505421.9	5409839.8	15923.20020	433.86	0	48.841507	-86.926106	56186.98	56239.6	10.39	56197.38	56181.19141	55875.70478	55990.34375	505421.9	5409839.8
L5420.1	505421.9	5409841.8	15923.29981	434.71	0	48.841525	-86.926107	56187.65	56239.6	10.40	56198.04	56181.21484	55876.18966	55990.11328	505421.9	5409841.8
L5420.1	505421.9	5409843.5	15923.40039	434.86	0	48.841541	-86.926107	56188.31	56239.6	10.40	56198.71	56181.25000	55876.28265	55989.47656	505421.9	5409843.5
L5420.1	505421.9	5409843.5	15923.50000	435.09	0	48.841541	-86.926107	56188.92	56239.6	10.40	56199.32	56181.22656	55874.36410	55986.80859	505421.9	5409843.5
L5420.1	505421.8	5409845.2	15923.59961	435.08	0	48.841556	-86.926107	56189.68	56239.6	10.40	56200.08	56181.35156	55875.25082	55986.93359	505421.8	5409845.2
L5420.1	505421.8	5409847.0	15923.70020	434.45	0	48.841573	-86.926108	56190.09	56239.6	10.40	56200.49	56181.12500	55867.43874	55978.34766	505421.8	5409847.0
L5420.1	505421.8	5409847.0	15923.79981	433.49	0	48.841573	-86.926108	56190.94	56239.6	10.41	56201.34	56181.33984	55869.07744	55979.19531	505421.8	5409847.0
L5420.1	505421.8	5409848.4	15923.90039	433.71	0	48.841585	-86.926108	56191.45	56239.6	10.41	56201.85	56181.21484	55862.22655	55971.53906	505421.8	5409848.4
L5420.1	505421.8	5409849.9	15924.00000	430.24	0	48.841598	-86.926108	56192.46	56239.6	10.41	56202.87	56181.60156	55866.41506	55974.90625	505421.8	5409849.9
L5420.1	505421.8	5409851.3	15924.09961	429.47	0	48.841611	-86.926108	56193.21	56239.6	10.41	56203.62	56181.71875	55863.70280	55971.35938	505421.8	5409851.3
L5420.1	505421.8	5409851.3	15924.20020	426.95	0	48.841611	-86.926108	56194.05	56239.6	10.41	56204.46	56181.92969	55862.35520	55969.16406	505421.8	5409851.3
L5420.1	505421.8	5409852.9	15924.29981	425.71	0	48.841626	-86.926108	56195.02	56239.6	10.40	56205.42	56182.25781	55863.05200	55968.99609	505421.8	5409852.9
L5420.1	505421.8	5409852.9	15924.40039	425.11	0	48.841626	-86.926108	56196.02	56239.6	10.40	56206.42	56182.62891	55863.94449	55969.01563	505421.8	5409852.9
L5420.1	505421.7	5409854.6	15924.50000	423.28	0	48.841641	-86.926108	56196.98	56239.6	10.40	56207.38	56182.96484	55863.18408	55967.36328	505421.7	5409854.6
L5420.1	505421.7	5409856.2	15924.59961	421.56	0	48.841655	-86.926108	56197.75	56239.6	10.40	56208.14	56183.09766	55857.08334	55960.35547	505421.7	5409856.2
L5420.1	505421.7	5409857.4	15924.70020	420.71	0	48.841666	-86.926108	56198.89	56239.6	10.40	56209.29	56183.62500	55859.19546	55961.55078	505421.7	5409857.4
L5420.1	505421.7	5409858.8	15924.79981	419.68	0	48.841679	-86.926108	56199.74	56239.6	10.39	56210.14	56183.85547	55853.65011	55955.07422	505421.7	5409858.8
L5420.1	505421.7	5409858.8	15924.90039	419.03	0	48.841679	-86.926108	56201.07	56239.6	10.39	56211.47	56184.57031	55858.36837	55958.84766	505421.7	5409858.8
L5420.1	505421.7	5409860.4	15925.00000	420.44	0	48.841693	-86.926109	56202.26	56239.6	10.39	56212.65	56185.13281	55858.85952	55958.37891	505421.7	5409860.4
L5420.1	505421.7	5409862.0	15925.09961	423.38	0	48.841707	-86.926109	56203.56	56239.6	10.39	56213.95	56185.82422	55861.32155	55959.86719	505421.7	5409862.0
L5420.1	505421.7	5409862.0	15925.20020	424.86	0	48.841707	-86.926109	56204.68	56239.6	10.39	56215.08	56186.34375	55859.07978	55956.64063	505421.7	5409862.0
L5420.1	505421.7	5409864.1	15925.29981	426.77	0	48.841726	-86.926109	56205.82	56239.6	10.39	56216.21	56186.87109	55856.03390	55952.59375	505421.7	5409864.1
L5420.1	505421.7	5409865.4	15925.40039	427.79	0	48.841738	-86.926109	56207.07	56239.6	10.39	56217.46	56187.51953	55854.93448	55950.48438	505421.7	5409865.4
L5420.1	505421.7	5409866.8	15925.50000	429.10	0	48.841750	-86.926109	56208.44	56239.6	10.40	56218.84	56188.30078	55856.00371	55950.53125	505421.7	5409866.8
L5420.1	505421.7	5409866.8	15925.59961	430.05	0	48.841750	-86.926109	56209.87	56239.6	10.40	56220.26	56189.12891	55857.16530	55950.65234	505421.7	5409866.8

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5420.1	505421.7	5409868.4	15925.70020	430.62	0	48.841765	-86.926109	56211.20	56239.6	10.40	56221.60	56189.87891	55855.65361	55948.09375	505421.7	5409868.4
L5420.1	505421.7	5409868.4	15925.79981	432.67	0	48.841765	-86.926109	56212.86	56239.6	10.40	56223.25	56190.94531	55860.42678	55951.80469	505421.7	5409868.4
L5420.1	505421.7	5409870.6	15925.90039	435.06	0	48.841784	-86.926108	56214.19	56239.6	10.40	56224.59	56191.70703	55857.22608	55947.52734	505421.7	5409870.6
L5420.1	505421.7	5409872.0	15926.00000	437.04	0	48.841798	-86.926108	56215.67	56239.6	10.40	56226.07	56192.60938	55856.38945	55945.60547	505421.7	5409872.0
L5420.1	505421.7	5409872.0	15926.09961	434.45	0	48.841798	-86.926108	56217.35	56239.6	10.40	56227.75	56193.72266	55859.29008	55947.40625	505421.7	5409872.0
L5420.1	505421.7	5409873.5	15926.20020	433.95	0	48.841811	-86.926108	56219.02	56239.6	10.40	56229.42	56194.82813	55861.09494	55948.10156	505421.7	5409873.5
L5420.1	505421.7	5409875.4	15926.29981	434.29	0	48.841828	-86.926108	56220.56	56239.6	10.40	56230.97	56195.81641	55859.27001	55945.15234	505421.7	5409875.4
L5420.1	505421.7	5409877.0	15926.40039	435.23	0	48.841842	-86.926108	56222.38	56239.6	10.40	56232.78	56197.07422	55862.54538	55947.29297	505421.7	5409877.0
L5420.1	505421.7	5409877.0	15926.50000	435.07	0	48.841842	-86.926108	56224.11	56239.6	10.41	56234.51	56198.25391	55863.10063	55946.70313	505421.7	5409877.0
L5420.1	505421.7	5409878.4	15926.59961	434.01	0	48.841855	-86.926108	56225.90	56239.6	10.41	56236.30	56199.50391	55864.14960	55946.59375	505421.7	5409878.4
L5420.1	505421.7	5409879.8	15926.70020	431.12	0	48.841868	-86.926108	56227.74	56239.6	10.41	56238.15	56200.81641	55865.68823	55946.96484	505421.7	5409879.8
L5420.1	505421.7	5409879.8	15926.79981	428.34	0	48.841868	-86.926108	56229.49	56239.6	10.41	56239.90	56202.03906	55864.03491	55944.13281	505421.7	5409879.8
L5420.1	505421.7	5409881.5	15926.90039	425.46	0	48.841883	-86.926108	56231.56	56239.6	10.41	56241.97	56203.58594	55868.84097	55947.74609	505421.7	5409881.5
L5420.1	505421.7	5409881.5	15927.00000	424.98	0	48.841883	-86.926108	56233.54	56239.6	10.41	56243.95	56205.04688	55870.67873	55948.38281	505421.7	5409881.5
L5420.1	505421.7	5409883.7	15927.09961	425.41	0	48.841902	-86.926108	56235.62	56239.6	10.41	56246.03	56206.61719	55873.91324	55950.40625	505421.7	5409883.7
L5420.1	505421.7	5409885.1	15927.20020	423.69	0	48.841915	-86.926108	56237.66	56239.6	10.41	56248.07	56208.15625	55875.32416	55950.59375	505421.7	5409885.1
L5420.1	505421.8	5409886.7	15927.29981	424.99	0	48.841929	-86.926108	56239.61	56239.6	10.41	56250.02	56209.60938	55873.76042	55947.79688	505421.8	5409886.7
L5420.1	505421.8	5409886.7	15927.40039	425.09	0	48.841929	-86.926108	56241.88	56239.6	10.41	56252.29	56211.39453	55878.64547	55951.44141	505421.8	5409886.7
L5420.1	505421.8	5409888.0	15927.50000	427.19	0	48.841941	-86.926108	56243.96	56239.6	10.41	56254.37	56212.99219	55878.25495	55949.80078	505421.8	5409888.0
L5420.1	505421.8	5409889.7	15927.59961	428.79	0	48.841957	-86.926107	56246.39	56239.6	10.41	56256.80	56214.94922	55885.00153	55955.28125	505421.8	5409889.7
L5420.1	505421.8	5409891.2	15927.70020	429.41	0	48.841970	-86.926107	56248.66	56239.6	10.41	56259.07	56216.75391	55887.16169	55956.17188	505421.8	5409891.2
L5420.1	505421.8	5409891.2	15927.79981	425.94	0	48.841970	-86.926107	56250.94	56239.6	10.41	56261.35	56218.57813	55888.64370	55956.37109	505421.8	5409891.2
L5420.1	505421.8	5409893.3	15927.90039	424.93	0	48.841989	-86.926107	56253.16	56239.6	10.41	56263.57	56220.34766	55887.83933	55954.27734	505421.8	5409893.3
L5420.1	505421.8	5409895.0	15928.00000	425.27	0	48.842004	-86.926107	56255.63	56239.6	10.41	56266.04	56222.37891	55891.87599	55957.01563	505421.8	5409895.0
L5420.1	505421.8	5409895.0	15928.09961	427.08	0	48.842004	-86.926107	56258.31	56239.6	10.41	56268.72	56224.62500	55899.83599	55963.66797	505421.8	5409895.0
L5420.1	505421.8	5409896.5	15928.20020	426.99	0	48.842017	-86.926107	56260.97	56239.6	10.41	56271.38	56226.86328	55906.43453	55968.95313	505421.8	5409896.5
L5420.1	505421.8	5409897.9	15928.29981	429.63	0	48.842030	-86.926107	56263.52	56239.6	10.41	56273.92	56228.98828	55909.37564	55970.57031	505421.8	5409897.9
L5420.1	505421.8	5409897.9	15928.40039	429.80	0	48.842030	-86.926107	56265.86	56239.6	10.41	56276.27	56230.92969	55907.05346	55966.91406	505421.8	5409897.9
L5420.1	505421.8	5409899.9	15928.50000	429.79	0	48.842048	-86.926107	56268.57	56239.6	10.40	56278.97	56233.23438	55911.88480	55970.40625	505421.8	5409899.9
L5420.1	505421.8	5409899.9	15928.59961	429.89	0	48.842048	-86.926107	56271.30	56239.6	10.40	56281.71	56235.58594	55916.74783	55973.92578	505421.8	5409899.9
L5420.1	505421.8	5409901.3	15928.70020	431.87	0	48.842061	-86.926107	56274.23	56239.6	10.40	56284.64	56238.13672	55925.09535	55980.91797	505421.8	5409901.3
L5420.1	505421.8	5409903.1	15928.79981	430.67	0	48.842077	-86.926106	56276.71	56239.6	10.40	56287.12	56240.25000	55922.22070	55976.67969	505421.8	5409903.1
L5420.1	505421.8	5409904.4	15928.90039	431.02	0	48.842089	-86.926106	56279.60	56239.6	10.40	56290.00	56242.76953	55927.66876	55980.76172	505421.8	5409904.4
L5420.1	505421.8	5409904.4	15929.00000	431.01	0	48.842089	-86.926106	56282.65	56239.6	10.40	56293.05	56245.46875	55936.15866	55987.87500	505421.8	5409904.4
L5420.1	505421.8	5409906.4	15929.09961	431.22	0	48.842107	-86.926106	56285.44	56239.6	10.40	56295.84	56247.91797	55937.81260	55988.14844	505421.8	5409906.4
L5420.1	505421.9	5409908.1	15929.20020	429.11	0	48.842122	-86.926106	56288.38	56239.6	10.41	56298.78	56250.52734	55942.06258	55991.01172	505421.9	5409908.1
L5420.1	505421.9	5409908.1	15929.29981	430.16	0	48.842122	-86.926106	56291.31	56239.6	10.41	56301.72	56253.14844	55945.46824	55993.02344	505421.9	5409908.1
L5420.1	505421.9	5409910.1	15929.40039	431.22	0	48.842140	-86.926106	56294.47	56239.6	10.41	56304.89	56256.00781	55953.32490	55999.48438	505421.9	5409910.1
L5420.1	505421.9	5409911.5	15929.50000	429.74	0	48.842153	-86.926106	56297.56	56239.6	10.42	56307.97	56258.78906	55958.28541	56003.03906	505421.9	5409911.5
L5420.1	505421.9	5409913.3	15929.59961	427.51	0	48.842168	-86.926105	56300.75	56239.6	10.42	56311.16	56261.68750	55964.95651	56008.30469	505421.9	5409913.3
L5420.1	505421.9	5409913.3	15929.70020	429.74	0	48.842168	-86.926105	56303.89	56239.6	10.42	56314.32	56264.56641	55970.12976	56012.06250	505421.9	5409913.3
L5420.1	505421.9	5409914.5	15929.79981	424.46	0	48.842179	-86.926105	56307.13	56239.6	10.42	56317.55	56267.52734	55976.11422	56016.62891	505421.9	5409914.5
L5420.1	505421.9	5409914.5	15929.90039	424.15	0	48.842179	-86.926105	56310.43	56239.6	10.43	56320.85	56270.57031	55982.92072	56022.01563	505421.9	5409914.5
L5420.1	505421.9	5409915.8	15930.00000	422.32	0	48.842191	-86.926105	56313.72	56239.6	10.43	56324.15	56273.62109	55988.95149	56026.62109	505421.9	5409915.8
L5420.1	505422.0	5409917.5	15930.09961	428.12	0	48.842207	-86.926104	56317.21	56239.6	10.43	56327.64	56276.87500	55998.58597	56034.82813	505422.0	5409917.5
L5420.1	505422.0	5409917.5	15930.20020	427.37	0	48.842207	-86.926104	56320.56	56239.6	10.43	56330.99	56279.99609	56004.25075	56039.06250	505422.0	5409917.5
L5420.1	505422.0	5409919.3	15930.29981	427.88	0	48.842223	-86.926104	56324.28	56239.6	10.43	56334.71	56283.50000	56017.68220	56051.05859	505422.0	5409919.3
L5420.1	505422.0	5409920.8	15930.40039	428.41	0	48.842236	-86.926104	56327.73	56239.6	10.43	56338.16	56286.74609	56024.18187	56056.12109	505422.0	5409920.8
L5420.1	505422.0	5409922.3	15930.50000	428.40	0	48.842249	-86.926104	56331.20	56239.6	10.43	56341.63	56290.01953	56030.42996	56060.92969	505422.0	5409922.3
L5420.1	505422.0	5409922.3	15930.59961	430.75	0	48.842249	-86.926104	56334.72	56239.6	10.43	56345.15	56293.35547	56037.13049	56066.19141	505422.0	5409922.3
L5420.1	505422.0	5409924.0	15930.70020	431.14	0	48.842265	-86.926104	56338.37	56239.6	10.43	56348.80	56296.83203	56046.13733	56073.75391	505422.0	5409924.0
L5420.1	505422.0	5409924.0	15930.79981	431.38	0	48.842265	-86.926104	56342.07	56239.6	10.43	56352.50	56300.37109	56055.62688	56081.80078	505422.0	5409924.0
L5420.1	505422.0	5409926.1	15930.90039	432.52	0	48.842284	-86.926103	56345.77	56239.6	10.43	56356.20	56303.91797	56064.46564	56089.19922	505422.0	5409926.1
L5420.1	505422.0	5409927.6	15931.00000	429.44	0	48.842297	-86.926103	56349.44	56239.6	10.43	56359.87	56307.44922	56071.98036	56095.26953	505422.0	5409927.6
L5420.1	505422.0	5409929.0	15931.09961	429.61	0	48.842309	-86.926103	56353.07	56239.6	10.43	56363.50	56310.94922	56077.95798	56099.80469	505422.0	5409929.0
L5420.1	505422.0	5409929.0	15931.20020	432.25	0	48.842309	-86.926103	56356.94	56239.6	10.43	56367.37	56314.69922	56088.85222	56109.25781	505422.0	5409929.0
L5420.1	505422.0	5409930.9	15931.29981	431.85	0	48.842327	-86.926103	56360.81	56239.6	10.42	56371.23	56318.45313	56098.93403	56117.89844	505422.0	5409930.9
L5420.1	505422.0	5409932.3	15931.40039	432.02	0	48.842340	-86.926104	56364.78	56239.6	10.42	56375.20	56322.32422	56110.98009	56128.50391	505422.0	5409932.3
L5420.1	505422.0	5409933.5	15931.50000	432.37	0	48.842351	-86.926104	56368.46	56239.6	10.42	56378.88	56325.91797	56115.81413	56131.90234	505422.0	5409933.5
L5420.1	505422.0	5409933.5	15931.59961	432.18	0	48.842351	-86.926104	56372.36	56239.6	10.42	56382.78	56329.74219	56125.17875	56139.83594	505422.0	5409933.5
L5420.1	505422.0	5409935.0	15931.70020	430.86	0	48.842364	-86.926104	56376.46	56239.6	10.42	56386.88	56333.77734	56138.63370	56151.85938	505422.0	5409935.0
L5420.1	505422.0	5409936.6	15931.79981	430.02	0	48.842378	-86.926104	56380.35	56239.6	10.41	56390.76	56337.60547	56146.54427	56158.34375	505422.0	5409936.6
L5420.1	505422.0	5409938.1	15931.90039	430.08	0	48.842391	-86.926104	56384.46	56239.6	10.41	56394.87	56341.67188	56159.27505	56169.65234	505422.0	5409938.1
L5420.1	505422.0	5409938.1	15932.00000	429.57	0	48.842391	-86.926104	56388.21	56239.6	10.41	56398.62	56345.39063	56163.28428	56172.24609	505422.0	5409938.1
L5420.1	505422.0	5409939.9	15932.09961	428.04	0	48.842408	-86.926104	56392.29	56239.6	10.41	56402.70	56349.44531	56174.45428	56182.00391	505422.0	5409939.9
L5420.1	505422.0	5409941.6	15932.20020	431.81	0	48.842423	-86.926104	56396.38	56239.6	10.41	56406.79	56353.52734	56185.45058	56191.59766	505422.0	5409941.6
L5420.1	505422.0	5409943.6	15932.29981	433.00	0	48.842441	-86.926104	56400.59	56239.6	10.41	56411.00	56357.73438	56198.82362	56203.57031	505422.0	5409943.6
L5420.1	505422.0	5409943.6	15932.40039	433.26	0	48.842441	-86.926104	56404.75	56239.6	10.41	56415.16	56361.90234	56210.68774	56214.04688	505422.0	5409943.6
L5420.1	505422.0	5409945.1	15932.50000	437.11	0	48.842454	-86.926104	56408.93	56239.6	10.42	56419.35	56366.11328	56222.90441	56224.88281	505422.0	5409945.1
L5420.1	505422.0	5409946.8	15932.59961	437.49	0	48.842470	-86.926104	56413.07	56239.6	10.42	56423.48	56370.26953	56233.42760	56234.03125	505422.0	5409946.8
L5420.1	505422.0	5409948.2	15932.70020	437.02	0	48.842483	-86.926104	56417.10	56239.6	10.42	56427.51	56374.33984	56241.36092	56240.60547	505422.0	5409948.2
L5420.1	505422.0	5409948.2	15932.79981	438.05	0	48.842483	-86.926104	56421.23	56239.6	10.42	56431.65	56378.53125	56251.55510	56249.44531	505422.0	5409948.2
L5420.1	505422.0	5409949.7	15932.90039	436.59	0	48.842496	-86.926104	56425.42	56239.6	10.42	56435.84	56382.77734	56262.65454	56259.20313	505422.0	5409949.7
L5420.1	505422.0	5409951.3	15933.00000	437.18	0	48.842511	-86.926104	56429.71	56239.6	10.42	56440.13	56387.13672	56275.83253	56271.05469	505422.0	5409951.3
L5420.1	505422.0	5409952.6	15933.09961	438.16	0	48.842522	-86.926104	56433.99	56239.6	10.42	56444.41	56391.49609	56288.58460	56282.49219	505422.0	5409952.6
L5420.1	505422.0	5409952.6	15933.20020	438.63	0	48.842522	-86.926104	56438.34	56239.6	10.42	56448.76	56395.92969	56302.77409	56295.37891	505422.0	5409952.6
L5420.1	505421.9	5409954.6	15933.29981	438.64	0	48.842540	-86.926104	56442.59	56239.6	10.42	56453.02	56400.28906	56314.74759	56306.06641	505421.9	5409954.6
L5420.1	505421.9	5409956.3	15933.40039	437.67	0	48.842556	-86.926104	56446.93	56239.6	10.42	56457.36	56404.73438	56328.43764	56318.48828	505421.9	5409956.3
L5420.1	505421.9	5409956.3	15933.50000	435.21	0	48.842556	-86.926104	56451.17	56239.6	10.43	56461.59	56409.07813	56339.50156	56328.29688	505421.9	5409956.3
L5420.1	505421.9	5409957.9	15933.59961	434.27	0	48.842569	-86.926105	56455.20	56239.6	10.43	56465.63	56413.23828	56346.12537	56333.68359	505421.9	5409957.9
L5420.1	505421.9	5409959.3	15933.70020	432.68	0	48.842583	-86.926105	56459.48	56239.6	10.43	56469.91	56417.65234	56358.21874	56344.55859	505421.9	5409959.3
L5420.1	505421.9	5409959.3	15933.79981	430.47	0	48.842583	-86.926105	56463.86	56239.6	10.43	56474.28	56422.16016	56372.35879	56357.50000	505421.9	5409959.3
L5420.1	505421.9	5409961.3	15933.90039	430.11	0	48.842601	-86.926105	56468.22	56239.6	10.43	56478.65	56426.67578	56386.50197	56370.46484	505421.9	5409961.3
L5420.1	505421.9	5409963.1	15934.00000	429.58	0	48.842617	-86.926105	56472.53	56239.6	10.43	56482.96	56431.14453	56399.29441	56382.10156	505421.9	5409963.1
L5420.1	505421.8	5409964.8	15934.09961	427.94	0	48.842632	-86.926105	56476.64	56239.6	10.43	56487.07	56435.41797	56407.54327	56389.21484	505421.8	5409964.8
L5420.1	505421.8	5409964.8	15934.20020	427.29	0	48.842632	-86.926105	56480.80	56239.6	10.43	56491.23	56439.74609	56417.02075	56397.58203	505421.8	5409964.8
L5420.1	505421.8	5409966.7	15934.29981	427.91	0	48.842649	-86.926105	56485.14	56239.6	10.43	56495.57	56444.26563	56430.74057	56410.21484	505421.8	5409966.7
L5420.1	505421.8	5409966.7	15934.40039	426.68	0	48.842649	-86.926105	56489.40	56239.6	10.43	56499.83	56448.71094	56442.75138	56421.16406	505421.8	5409966.7
L5420.1	505421.8	5409966.7	15934.50000	427.67	0	48.842649	-86.926105	56493.74	56239.6	10.43	56504.17	56453.24219	56456.75642	56434.13281	505421.8	5409966.7
L5420.1	505421.8	5409968.8	15934.59961	427.11	0	48.842668	-86.926105	56497.90	56239.6	10.43	56508.33	56457.60156	56466.80419	56443.17188	505421.8	5409968.8
L5420.1	505421.8	5409970.5	15934.70020	427.91	0	48.842684	-86.926105	56501.98	56239.6	10.43	56512.41	56461.88672	56475.21850	56450.60547	505421.8	5409970.5
L5420.1	505421.8	5409970.5	15934.79981	428.04	0	48.842684	-86.926105	56506.20	56239.6	10.43	56516.63	56466.31641	56487.08147	56461.51953	505421.8	5409970.5
L5420.1	505421.8	5409972.4	15934.90039	428.19	0	48.842700	-86.926105	56510.40	56239.6	10.43	56520.83	56470.73438	56498.73995	56472.25391	505421.8	5409972.4

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5420.1	505421.8	5409974.1	15935.00000	430.83	0	48.842716	-86.926106	56514.69	56239.6	10.43	56525.12	56475.24609	56512.74714	56485.37109	505421.8	5409974.1
L5420.1	505421.8	5409974.1	15935.09961	433.43	0	48.842716	-86.926106	56518.90	56239.6	10.43	56529.33	56479.68359	56525.21960	56496.98828	505421.8	5409974.1
L5420.1	505421.8	5409976.1	15935.20020	430.81	0	48.842734	-86.926106	56522.86	56239.6	10.43	56533.29	56483.87891	56532.27367	56503.21484	505421.8	5409976.1
L5420.1	505421.8	5409977.6	15935.29981	430.87	0	48.842747	-86.926106	56526.84	56239.6	10.43	56537.27	56488.09375	56540.13982	56510.28906	505421.8	5409977.6
L5420.1	505421.8	5409977.6	15935.40039	432.08	0	48.842747	-86.926106	56531.10	56239.6	10.43	56541.53	56492.59766	56554.81837	56524.21094	505421.8	5409977.6
L5420.1	505421.8	5409978.9	15935.50000	433.43	0	48.842759	-86.926106	56535.18	56239.6	10.43	56545.61	56496.92578	56565.75850	56534.43359	505421.8	5409978.9
L5420.1	505421.8	5409980.8	15935.59961	432.80	0	48.842776	-86.926106	56539.24	56239.6	10.43	56549.67	56501.23438	56576.66118	56544.65234	505421.8	5409980.8
L5420.1	505421.8	5409980.8	15935.70020	431.64	0	48.842776	-86.926106	56543.15	56239.6	10.43	56553.58	56505.40234	56584.56071	56551.90625	505421.8	5409980.8
L5420.1	505421.7	5409982.7	15935.79981	432.25	0	48.842793	-86.926107	56547.06	56239.6	10.43	56557.49	56509.57031	56592.92745	56559.66797	505421.7	5409982.7
L5420.1	505421.7	5409984.0	15935.90039	428.90	0	48.842805	-86.926107	56551.00	56239.6	10.43	56561.43	56513.76953	56602.47287	56568.64453	505421.7	5409984.0
L5420.1	505421.7	5409984.0	15936.00000	427.96	0	48.842805	-86.926107	56555.06	56239.6	10.43	56565.49	56518.09766	56615.28728	56580.93359	505421.7	5409984.0
L5420.1	505421.7	5409985.6	15936.09961	428.53	0	48.842819	-86.926107	56558.99	56239.6	10.43	56569.42	56522.29297	56625.64484	56590.80469	505421.7	5409985.6
L5420.1	505421.7	5409987.2	15936.20020	429.27	0	48.842833	-86.926107	56562.85	56239.6	10.43	56573.28	56526.42578	56634.94533	56599.66406	505421.7	5409987.2
L5420.1	505421.7	5409988.5	15936.29981	428.54	0	48.842845	-86.926107	56566.60	56239.6	10.43	56577.03	56530.44922	56642.28926	56606.60547	505421.7	5409988.5
L5420.1	505421.7	5409988.5	15936.40039	430.06	0	48.842845	-86.926107	56570.30	56239.6	10.43	56580.72	56534.41016	56648.84553	56612.80859	505421.7	5409988.5
L5420.1	505421.7	5409990.5	15936.50000	428.59	0	48.842863	-86.926108	56574.16	56239.6	10.43	56584.59	56538.55859	56660.15003	56623.80078	505421.7	5409990.5
L5420.1	505421.7	5409990.5	15936.59961	429.63	0	48.842863	-86.926108	56578.06	56239.6	10.42	56588.48	56542.72656	56672.54323	56635.93359	505421.7	5409990.5
L5420.1	505421.7	5409992.2	15936.70020	432.25	0	48.842878	-86.926108	56581.74	56239.6	10.42	56592.16	56546.68750	56680.75588	56643.92578	505421.7	5409992.2
L5420.1	505421.7	5409993.2	15936.79981	431.31	0	48.842888	-86.926108	56585.15	56239.6	10.42	56595.57	56550.37500	56683.42599	56646.42578	505421.7	5409993.2
L5420.1	505421.7	5409993.2	15936.90039	429.89	0	48.842888	-86.926108	56588.88	56239.6	10.42	56599.30	56554.38672	56694.13265	56657.00781	505421.7	5409993.2
L5420.1	505421.7	5409994.6	15937.00000	427.74	0	48.842900	-86.926108	56592.40	56239.6	10.42	56602.82	56558.18750	56700.70860	56663.51172	505421.7	5409994.6
L5420.1	505421.7	5409995.6	15937.09961	426.28	0	48.842909	-86.926107	56595.97	56239.6	10.42	56606.39	56562.04297	56709.14582	56671.92578	505421.7	5409995.6
L5420.1	505421.7	5409997.3	15937.20020	424.58	0	48.842924	-86.926107	56599.58	56239.6	10.42	56610.00	56565.93359	56719.22911	56682.03516	505421.7	5409997.3
L5420.1	505421.7	5409997.3	15937.29981	423.93	0	48.842924	-86.926107	56603.14	56239.6	10.42	56613.56	56569.77344	56728.90356	56691.78906	505421.7	5409997.3
L5420.1	505421.7	5409998.6	15937.40039	423.33	0	48.842936	-86.926107	56606.48	56239.6	10.42	56616.90	56573.39453	56734.27458	56697.28516	505421.7	5409998.6
L5420.1	505421.7	5410000.0	15937.50000	422.75	0	48.842949	-86.926107	56609.73	56239.6	10.42	56620.15	56576.92578	56738.34306	56701.53906	505421.7	5410000.0
L5420.1	505421.7	5410001.4	15937.59961	424.67	0	48.842961	-86.926107	56613.05	56239.6	10.42	56623.47	56580.52734	56744.79875	56708.22656	505421.7	5410001.4
L5420.1	505421.7	5410001.4	15937.70020	426.91	0	48.842961	-86.926107	56616.31	56239.6	10.42	56626.73	56584.06250	56750.66435	56714.37891	505421.7	5410001.4
L5420.1	505421.7	5410002.9	15937.79981	426.02	0	48.842975	-86.926107	56619.68	56239.6	10.42	56630.10	56587.71094	56759.85799	56723.91406	505421.7	5410002.9
L5420.1	505421.7	5410002.9	15937.90039	428.46	0	48.842975	-86.926107	56622.87	56239.6	10.42	56633.29	56591.17578	56765.72288	56730.17578	505421.7	5410002.9
L5420.1	505421.7	5410004.1	15938.00000	428.74	0	48.842985	-86.926107	56626.09	56239.6	10.42	56636.51	56594.66797	56773.09508	56738.00000	505421.7	5410004.1
L5420.1	505421.7	5410005.5	15938.09961	428.28	0	48.842998	-86.926107	56629.00	56239.6	10.42	56639.42	56597.85156	56774.16689	56739.57813	505421.7	5410005.5
L5420.1	505421.7	5410006.7	15938.20020	430.33	0	48.843009	-86.926107	56632.06	56239.6	10.42	56642.48	56601.17969	56779.51960	56745.49609	505421.7	5410006.7
L5420.1	505421.7	5410006.7	15938.29981	432.88	0	48.843009	-86.926107	56635.07	56239.6	10.42	56645.49	56604.45703	56784.56210	56751.15625	505421.7	5410006.7
L5420.1	505421.7	5410008.6	15938.40039	433.90	0	48.843026	-86.926107	56638.04	56239.6	10.42	56648.45	56607.67969	56789.29995	56756.57031	505421.7	5410008.6
L5420.1	505421.7	5410008.6	15938.50000	434.89	0	48.843026	-86.926107	56641.01	56239.6	10.42	56651.43	56610.92188	56795.34698	56763.34766	505421.7	5410008.6
L5420.1	505421.7	5410009.8	15938.59961	436.50	0	48.843036	-86.926107	56643.95	56239.6	10.41	56654.37	56614.12109	56801.32789	56770.12109	505421.7	5410009.8
L5420.1	505421.7	5410011.2	15938.70020	436.17	0	48.843049	-86.926107	56646.74	56239.6	10.41	56657.15	56617.15625	56804.48730	56774.12500	505421.7	5410011.2
L5420.1	505421.7	5410011.2	15938.79981	435.18	0	48.843049	-86.926107	56649.52	56239.6	10.41	56659.93	56620.18750	56808.50547	56779.05078	505421.7	5410011.2
L5420.1	505421.7	5410012.4	15938.90039	435.37	0	48.843060	-86.926107	56652.16	56239.6	10.41	56662.57	56623.07813	56810.16564	56781.67188	505421.7	5410012.4
L5420.1	505421.7	5410012.4	15939.00000	433.82	0	48.843060	-86.926107	56654.82	56239.6	10.41	56665.23	56625.98047	56813.14644	56785.67188	505421.7	5410012.4
L5420.1	505421.7	5410013.7	15939.09961	434.83	0	48.843072	-86.926107	56657.71	56239.6	10.41	56668.12	56629.11328	56822.27504	56795.88281	505421.7	5410013.7
L5420.1	505421.6	5410014.8	15939.20020	432.73	0	48.843081	-86.926107	56660.39	56239.6	10.41	56670.80	56632.03125	56827.43609	56802.17969	505421.6	5410014.8
L5420.1	505421.6	5410014.8	15939.29981	431.65	0	48.843081	-86.926107	56662.84	56239.6	10.41	56673.25	56634.71484	56828.16808	56804.10547	505421.6	5410014.8
L5420.1	505421.6	5410016.0	15939.40039	429.21	0	48.843092	-86.926108	56665.23	56239.6	10.41	56675.64	56637.33203	56828.37629	56805.57031	505421.6	5410016.0
L5420.1	505421.6	5410016.7	15939.50000	426.83	0	48.843099	-86.926108	56667.72	56239.6	10.41	56678.13	56640.04688	56831.73535	56810.23828	505421.6	5410016.7
L5420.1	505421.6	5410018.1	15939.59961	427.24	0	48.843112	-86.926108	56670.21	56239.6	10.41	56680.62	56642.75781	56835.94243	56815.81641	505421.6	5410018.1
L5420.1	505421.6	5410019.4	15939.70020	426.88	0	48.843123	-86.926108	56672.77	56239.6	10.41	56683.18	56645.53125	56842.60175	56823.90234	505421.6	5410019.4
L5420.1	505421.6	5410020.3	15939.79981	426.41	0	48.843131	-86.926108	56674.84	56239.6	10.41	56685.25	56647.81250	56838.83483	56821.62109	505421.6	5410020.3
L5420.1	505421.6	5410020.3	15939.90039	426.62	0	48.843131	-86.926108	56677.18	56239.6	10.41	56687.59	56650.35938	56842.10562	56826.43750	505421.6	5410020.3
L5420.1	505421.6	5410021.4	15940.00000	426.71	0	48.843142	-86.926108	56679.52	56239.6	10.41	56689.93	56652.90234	56846.20048	56832.13281	505421.6	5410021.4
L5420.1	505421.6	5410022.5	15940.09961	427.39	0	48.843151	-86.926108	56681.83	56239.6	10.41	56692.24	56655.40625	56850.42199	56838.01172	505421.6	5410022.5
L5420.1	505421.6	5410022.5	15940.20020	428.75	0	48.843151	-86.926108	56684.01	56239.6	10.41	56694.42	56657.78125	56852.46294	56841.76563	505421.6	5410022.5
L5420.1	505421.6	5410023.5	15940.29981	430.57	0	48.843160	-86.926108	56686.21	56239.6	10.41	56696.62	56660.16406	56855.76227	56846.83594	505421.6	5410023.5
L5420.1	505421.5	5410024.8	15940.40039	427.80	0	48.843171	-86.926109	56688.12	56239.6	10.41	56698.52	56662.24609	56852.95425	56845.85547	505421.5	5410024.8
L5420.1	505421.5	5410024.8	15940.50000	428.11	0	48.843171	-86.926109	56690.19	56239.6	10.41	56700.59	56664.49219	56854.83245	56849.61328	505421.5	5410024.8
L5420.1	505421.5	5410025.7	15940.59961	429.24	0	48.843180	-86.926109	56692.19	56239.6	10.40	56702.59	56666.66406	56855.86887	56852.58594	505421.5	5410025.7
L5420.1	505421.5	5410025.7	15940.70020	430.77	0	48.843180	-86.926109	56694.20	56239.6	10.40	56704.60	56668.83984	56857.89086	56856.60156	505421.5	5410025.7
L5420.1	505421.5	5410026.5	15940.79981	430.19	0	48.843187	-86.926109	56696.37	56239.6	10.40	56706.77	56671.17188	56864.33431	56865.08984	505421.5	5410026.5
L5420.1	505421.5	5410027.6	15940.90039	430.10	0	48.843197	-86.926109	56698.34	56239.6	10.40	56708.74	56673.29688	56866.91105	56869.76563	505421.5	5410027.6
L5420.1	505421.5	5410028.7	15941.00000	429.72	0	48.843206	-86.926109	56700.25	56239.6	10.40	56710.65	56675.35547	56868.82605	56873.83203	505421.5	5410028.7
L5420.1	505421.5	5410028.7	15941.09961	431.44	0	48.843206	-86.926109	56701.99	56239.6	10.40	56712.39	56677.24219	56867.53696	56874.75000	505421.5	5410028.7
L5420.1	505421.5	5410029.7	15941.20020	430.64	0	48.843215	-86.926109	56703.94	56239.6	10.40	56714.34	56679.33203	56871.76474	56881.23047	505421.5	5410029.7
L5420.1	505421.5	5410030.6	15941.29981	432.07	0	48.843224	-86.926109	56705.74	56239.6	10.40	56716.14	56681.26563	56873.21933	56884.99219	505421.5	5410030.6
L5420.1	505421.5	5410031.4	15941.40039	434.66	0	48.843231	-86.926109	56707.40	56239.6	10.40	56717.81	56683.06641	56872.34543	56886.47266	505421.5	5410031.4
L5420.1	505421.5	5410031.4	15941.50000	434.72	0	48.843231	-86.926109	56708.93	56239.6	10.40	56719.33	56684.71094	56868.66788	56885.20313	505421.5	5410031.4
L5420.1	505421.5	5410032.5	15941.59961	433.58	0	48.843241	-86.926109	56710.53	56239.6	10.41	56720.94	56686.43750	56867.68785	56886.67578	505421.5	5410032.5
L5420.1	505421.5	5410033.3	15941.70020	433.22	0	48.843248	-86.926109	56712.27	56239.6	10.41	56722.68	56688.29297	56870.30874	56891.79688	505421.5	5410033.3
L5420.1	505421.5	5410034.1	15941.79981	430.74	0	48.843256	-86.926109	56713.75	56239.6	10.41	56724.15	56689.87109	56867.31929	56891.35547	505421.5	5410034.1
L5420.1	505421.5	5410034.1	15941.90039	429.85	0	48.843256	-86.926109	56715.44	56239.6	10.41	56725.85	56691.67578	56870.19651	56896.82422	505421.5	5410034.1
L5420.1	505421.5	5410034.1	15942.00000	429.30	0	48.843256	-86.926109	56716.84	56239.6	10.41	56727.25	56693.17578	56866.74030	56896.00391	505421.5	5410034.1
L5420.1	505421.6	5410035.9	15942.09961	430.51	0	48.843272	-86.926108	56718.53	56239.6	10.41	56728.94	56694.96094	56870.49611	56902.44141	505421.6	5410035.9
L5420.1	505421.6	5410035.9	15942.20020	430.26	0	48.843272	-86.926108	56720.00	56239.6	10.41	56730.42	56696.52734	56869.95313	56904.62109	505421.6	5410035.9
L5420.1	505421.6	5410036.7	15942.29981	429.12	0	48.843279	-86.926108	56721.63	56239.6	10.41	56732.05	56698.24219	56873.36944	56910.80078	505421.6	5410036.7
L5420.1	505421.6	5410036.7	15942.40039	430.95	0	48.843279	-86.926108	56722.88	56239.6	10.41	56733.29	56699.56250	56868.31452	56908.55078	505421.6	5410036.7
L5420.1	505421.6	5410037.6	15942.50000	433.26	0	48.843286	-86.926108	56724.28	56239.6	10.42	56734.70	56701.05078	56867.64376	56910.72266	505421.6	5410037.6
L5420.1	505421.6	5410037.6	15942.59961	429.68	0	48.843286	-86.926108	56725.56	56239.6	10.42	56735.98	56702.40234	56864.44347	56910.40625	505421.6	5410037.6
L5420.1	505421.6	5410038.5	15942.70020	431.13	0	48.843295	-86.926108	56727.13	56239.6	10.42	56737.55	56704.03906	56868.35082	56917.23047	505421.6	5410038.5
L5420.1	505421.6	5410039.2	15942.79981	432.40	0	48.843302	-86.926108	56728.35	56239.6	10.42	56738.77	56705.32422	56864.63648	56916.46875	505421.6	5410039.2
L5420.1	505421.6	5410040.1	15942.90039	431.84	0	48.843309	-86.926108	56729.45	56239.6	10.42	56739.86	56706.47266	56858.34026	56913.16016	505421.6	5410040.1
L5420.1	505421.6	5410040.1	15943.00000	431.65	0	48.843309	-86.926108	56730.82	56239.6	10.42	56741.24	56707.90625	56859.09952	56916.94141	505421.6	5410040.1
L5420.1	505421.6	5410040.9	15943.09961	429.33	0	48.843316	-86.926108	56731.74	56239.6	10.42	56742.16	56708.87891	56849.65663	56910.55078	505421.6	5410040.9
L5420.1	505421.6	5410040.9	15943.20020	429.75	0	48.843316	-86.926108	56732.90	56239.6	10.41	56743.31	56710.07813	56845.85580	56909.83203	505421.6	5410040.9
L5420.1	505421.6	5410041.6	15943.29981	431.25	0	48.843322	-86.926108	56733.91	56239.6	10.41	56744.32	56711.13281	56839.17492	56906.26172	505421.6	5410041.6
L5420.1	505421.6	5410041.6	15943.40039	429.29	0	48.843322	-86.926108	56735.37	56239.6	10.41	56745.78	56712.63281	56843.15989	56913.38672	505421.6	5410041.6
L5420.1	505421.6	5410042.3	15943.50000	428.48	0	48.843329	-86.926108	56736.28	56239.6	10.40	56746.68	56713.57422	56834.57721	56907.96875	505421.6	5410042.3
L5420.1	505421.6	5410042.9	15943.59961	429.83	0	48.843335	-86.926107	56737.41	56239.6	10.40	56747.81	56714.73828	56831.57076	56908.15234	505421.6	5410042.9
L5420.1	505421.6	5410042.9	15943.70020	431.26	0	48.843335	-86.926107	56738.48	56239.6	10.40	56748.88	56715.83984	56827.45846	56907.25391	505421.6	5410042.9
L5420.1	505421.6	5410043.7	15943.79981	430.84	0	48.843342	-86.926107	56739.39	56239.6	10.40	56749.79	56716.78125	56819.92616	56902.95703	505421.6	5410043.7
L5420.1	505421.6	5410044.3	15943.90039	430.70	0	48.843347	-86.926107	56740.37	56239.6	10.39	56750.76	56717.77734	56814.01597	56900.30078	505421.6	5410044.3
L5420.1	505421.6	5410044.3	15944.00000	431.63	0	48.843347	-86.926107	56741.12	56239.6	10.39	56751.51	56718.55469	56803.27676	56892.83594	505421.6	5410044.3
L5420.1	505421.6	5410044.8	15944.09961	432.31	0	48.843352	-86.926107	56741.97	56239.6	10.39	56752.36	56719.42969	56795.05018	56887.90234	505421.6	5410044.8
L5420.1	505421.6	5410044.8	15944.20020	434.15	0	48.843352	-86.926107	56742.77	56239.6	10.39	56753.16	56720.25000	56785.87426	56882.03125	505421.6	5410044.8

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5420.1	505421.6	5410046.0	15944.29981	432.62	0	48.843363	-86.926108	56743.66	56239.6	10.40	56754.06	56721.16797	56779.18370	56878.66406	505421.6	5410046.0
L5420.1	505421.6	5410046.0	15944.40039	432.87	0	48.843363	-86.926108	56744.38	56239.6	10.40	56754.78	56721.90625	56768.52912	56871.34375	505421.6	5410046.0
L5420.1	505421.6	5410046.6	15944.50000	431.73	0	48.843368	-86.926108	56745.26	56239.6	10.40	56755.66	56722.80469	56761.71375	56867.87500	505421.6	5410046.6
L5420.1	505421.6	5410047.1	15944.59961	431.79	0	48.843372	-86.926108	56746.24	56239.6	10.40	56756.64	56723.80078	56757.34641	56866.85938	505421.6	5410047.1
L5420.1	505421.6	5410047.1	15944.70020	429.24	0	48.843372	-86.926108	56746.78	56239.6	10.40	56757.18	56724.35547	56743.00258	56855.87891	505421.6	5410047.1
L5420.1	505421.6	5410047.5	15944.79981	428.00	0	48.843376	-86.926108	56747.66	56239.6	10.41	56758.07	56725.25781	56736.83133	56853.07813	505421.6	5410047.5
L5420.1	505421.6	5410047.8	15944.90039	428.84	0	48.843379	-86.926108	56747.89	56239.6	10.41	56758.30	56725.50000	56715.60522	56835.22656	505421.6	5410047.8
L5420.1	505421.6	5410047.8	15945.00000	428.95	0	48.843379	-86.926108	56748.71	56239.6	10.41	56759.13	56726.34375	56708.27845	56831.27734	505421.6	5410047.8
L5420.1	505421.6	5410048.2	15945.09961	426.46	0	48.843382	-86.926108	56749.10	56239.6	10.41	56759.51	56726.73828	56690.70524	56817.08203	505421.6	5410048.2
L5420.2	505421.1	5410047.4	15950.29981	436.44	0	48.843375	-86.926114	56742.28	56239.6	10.40	56752.68	56727.59766	56544.55216	56813.81641	505421.1	5410047.4
L5420.2	505421.1	5410047.0	15950.40039	436.73	0	48.843372	-86.926115	56741.60	56239.6	10.40	56752.00	56727.10156	56566.93869	56829.96094	505421.1	5410047.0
L5420.2	505421.0	5410046.6	15950.50000	436.95	0	48.843368	-86.926115	56740.78	56239.6	10.40	56751.18	56726.46094	56585.98630	56842.76953	505421.0	5410046.6
L5420.2	505421.0	5410046.6	15950.59961	435.69	0	48.843368	-86.926115	56739.60	56239.6	10.40	56750.00	56725.46484	56596.53897	56847.08594	505421.0	5410046.6
L5420.2	505421.0	5410046.3	15950.70020	432.47	0	48.843365	-86.926116	56738.86	56239.6	10.40	56749.26	56724.90234	56617.38736	56861.70703	505421.0	5410046.3
L5420.2	505420.9	5410045.8	15950.79981	430.51	0	48.843361	-86.926117	56737.79	56239.6	10.40	56748.19	56724.01563	56630.46363	56868.57031	505420.9	5410045.8
L5420.2	505420.9	5410045.8	15950.90039	429.59	0	48.843361	-86.926117	56736.89	56239.6	10.40	56747.29	56723.29297	56647.51589	56879.42188	505420.9	5410045.8
L5420.2	505420.9	5410045.4	15951.00000	428.54	0	48.843357	-86.926118	56735.63	56239.6	10.40	56746.03	56722.21094	56656.11125	56881.82813	505420.9	5410045.4
L5420.2	505420.8	5410045.0	15951.09961	425.83	0	48.843354	-86.926118	56734.42	56239.6	10.40	56744.82	56721.17578	56665.88534	56885.42969	505420.8	5410045.0
L5420.2	505420.8	5410045.0	15951.20020	424.93	0	48.843354	-86.926118	56733.18	56239.6	10.40	56743.58	56720.10938	56674.97034	56888.36328	505420.8	5410045.0
L5420.2	505420.8	5410044.6	15951.29981	425.44	0	48.843350	-86.926118	56732.02	56239.6	10.40	56742.43	56719.13281	56686.19399	56893.45703	505420.8	5410044.6
L5420.2	505420.8	5410044.2	15951.40039	428.49	0	48.843346	-86.926119	56730.95	56239.6	10.40	56741.35	56718.22266	56699.09749	56900.26172	505420.8	5410044.2
L5420.2	505420.8	5410044.2	15951.50000	430.11	0	48.843346	-86.926119	56729.61	56239.6	10.41	56740.01	56717.05078	56705.94438	56901.03125	505420.8	5410044.2
L5420.2	505420.8	5410043.5	15951.59961	431.04	0	48.843340	-86.926119	56728.50	56239.6	10.41	56738.91	56716.11328	56718.48420	56907.51953	505420.8	5410043.5
L5420.2	505420.8	5410043.3	15951.70020	430.40	0	48.843338	-86.926119	56727.32	56239.6	10.41	56737.73	56715.09766	56729.21560	56912.23828	505420.8	5410043.3
L5420.2	505420.8	5410043.3	15951.79981	430.81	0	48.843338	-86.926119	56726.36	56239.6	10.41	56736.77	56714.29688	56745.19307	56922.23828	505420.8	5410043.3
L5420.2	505420.8	5410042.4	15951.90039	430.73	0	48.843330	-86.926119	56724.86	56239.6	10.41	56735.27	56712.95313	56748.58571	56919.68750	505420.8	5410042.4
L5420.2	505420.8	5410042.4	15952.00000	431.45	0	48.843330	-86.926119	56723.74	56239.6	10.41	56734.15	56711.98438	56761.00397	56926.20313	505420.8	5410042.4
L5420.2	505420.8	5410041.8	15952.09961	431.68	0	48.843325	-86.926118	56722.35	56239.6	10.41	56732.76	56710.74609	56767.19967	56926.53125	505420.8	5410041.8
L5420.2	505420.8	5410041.1	15952.20020	432.06	0	48.843319	-86.926118	56720.95	56239.6	10.41	56731.36	56709.48828	56773.28872	56926.80078	505420.8	5410041.1
L5420.2	505420.8	5410041.1	15952.29981	431.57	0	48.843319	-86.926118	56719.72	56239.6	10.42	56730.14	56708.41016	56783.74374	56931.48438	505420.8	5410041.1
L5420.2	505420.8	5410040.5	15952.40039	433.36	0	48.843313	-86.926119	56718.43	56239.6	10.42	56728.84	56707.25000	56792.47284	56934.49219	505420.8	5410040.5
L5420.2	505420.8	5410040.0	15952.50000	431.86	0	48.843308	-86.926119	56717.25	56239.6	10.42	56727.67	56706.21094	56804.41831	56940.76172	505420.8	5410040.0
L5420.2	505420.8	5410040.0	15952.59961	429.29	0	48.843308	-86.926119	56715.77	56239.6	10.42	56726.20	56704.87109	56809.49733	56940.21484	505420.8	5410040.0
L5420.2	505420.8	5410039.2	15952.70020	429.88	0	48.843302	-86.926119	56714.49	56239.6	10.42	56724.91	56703.70313	56818.99105	56944.14063	505420.8	5410039.2
L5420.2	505420.8	5410038.7	15952.79981	428.58	0	48.843296	-86.926119	56713.11	56239.6	10.43	56723.53	56702.44531	56826.57302	56946.21094	505420.8	5410038.7
L5420.2	505420.8	5410038.7	15952.90039	429.41	0	48.843296	-86.926119	56711.96	56239.6	10.43	56722.39	56701.41797	56840.00293	56954.19141	505420.8	5410038.7
L5420.2	505420.7	5410037.7	15953.00000	429.10	0	48.843288	-86.926120	56710.59	56239.6	10.43	56721.02	56700.16016	56848.25893	56957.05078	505420.7	5410037.7
L5420.2	505420.7	5410037.7	15953.09961	429.38	0	48.843288	-86.926120	56709.32	56239.6	10.43	56719.75	56698.99219	56859.10072	56962.55859	505420.7	5410037.7
L5420.2	505420.7	5410037.0	15953.20020	428.93	0	48.843281	-86.926120	56707.96	56239.6	10.43	56718.39	56697.73047	56868.07996	56966.26953	505420.7	5410037.0
L5420.2	505420.6	5410036.1	15953.29981	428.93	0	48.843273	-86.926121	56706.36	56239.6	10.42	56716.78	56696.21484	56871.45260	56964.44531	505420.6	5410036.1
L5420.2	505420.6	5410035.5	15953.40039	429.84	0	48.843268	-86.926122	56704.82	56239.6	10.42	56715.24	56694.76563	56876.74343	56964.60156	505420.6	5410035.5
L5420.2	505420.6	5410035.5	15953.50000	428.38	0	48.843268	-86.926122	56703.01	56239.6	10.42	56713.43	56693.03906	56875.98243	56958.77734	505420.6	5410035.5
L5420.2	505420.6	5410034.9	15953.59961	425.90	0	48.843262	-86.926122	56701.40	56239.6	10.42	56711.82	56691.50391	56880.21581	56958.01172	505420.6	5410034.9
L5420.2	505420.5	5410034.0	15953.70020	426.28	0	48.843255	-86.926122	56699.71	56239.6	10.42	56710.13	56689.88281	56882.88197	56955.75781	505420.5	5410034.0
L5420.2	505420.5	5410034.0	15953.79981	428.03	0	48.843255	-86.926122	56697.88	56239.6	10.41	56708.29	56688.10938	56882.34941	56950.37891	505420.5	5410034.0
L5420.2	505420.5	5410033.1	15953.90039	427.85	0	48.843247	-86.926122	56696.24	56239.6	10.41	56706.65	56686.52734	56886.84675	56950.10547	505420.5	5410033.1
L5420.2	505420.5	5410032.1	15954.00000	427.76	0	48.843238	-86.926122	56694.66	56239.6	10.41	56705.07	56685.00391	56893.09884	56951.66406	505420.5	5410032.1
L5420.2	505420.6	5410031.6	15954.09961	429.51	0	48.843233	-86.926122	56693.06	56239.6	10.41	56703.47	56683.44922	56899.23897	56953.18359	505420.6	5410031.6
L5420.2	505420.6	5410031.6	15954.20020	429.72	0	48.843233	-86.926122	56691.42	56239.6	10.41	56701.83	56681.84766	56904.80891	56954.21875	505420.6	5410031.6
L5420.2	505420.6	5410030.3	15954.29981	427.90	0	48.843221	-86.926121	56689.33	56239.6	10.41	56699.75	56679.80469	56900.42900	56945.38281	505420.6	5410030.3
L5420.2	505420.7	5410029.6	15954.40039	427.58	0	48.843215	-86.926121	56687.36	56239.6	10.41	56697.77	56677.85156	56898.78772	56939.37109	505420.7	5410029.6
L5420.2	505420.7	5410029.6	15954.50000	429.01	0	48.843215	-86.926121	56685.86	56239.6	10.42	56696.27	56676.37500	56908.81703	56945.10938	505420.7	5410029.6
L5420.2	505420.7	5410028.5	15954.59961	428.72	0	48.843205	-86.926120	56684.18	56239.6	10.42	56694.60	56674.71875	56915.26745	56947.35156	505420.7	5410028.5
L5420.2	505420.8	5410027.6	15954.70020	425.53	0	48.843197	-86.926119	56682.38	56239.6	10.42	56692.80	56672.92969	56919.08836	56947.05078	505420.8	5410027.6
L5420.2	505420.9	5410026.6	15954.79981	427.44	0	48.843188	-86.926118	56680.40	56239.6	10.42	56690.82	56670.95313	56919.11599	56943.04688	505420.9	5410026.6
L5420.2	505420.9	5410026.6	15954.90039	427.19	0	48.843188	-86.926118	56678.41	56239.6	10.42	56688.83	56668.95703	56919.35120	56939.33594	505420.9	5410026.6
L5420.2	505421.0	5410025.4	15955.00000	428.28	0	48.843177	-86.926116	56676.48	56239.6	10.42	56686.90	56667.01953	56921.44694	56937.57422	505421.0	5410025.4
L5420.2	505421.0	5410025.4	15955.09961	427.31	0	48.843177	-86.926116	56674.76	56239.6	10.42	56685.18	56665.28125	56928.93402	56941.28906	505421.0	5410025.4
L5420.2	505421.1	5410024.4	15955.20020	427.74	0	48.843168	-86.926115	56672.77	56239.6	10.42	56683.18	56663.25781	56930.31773	56938.99219	505421.1	5410024.4
L5420.2	505421.1	5410023.4	15955.29981	426.70	0	48.843159	-86.926114	56670.08	56239.6	10.42	56680.50	56660.55078	56916.21602	56921.30469	505421.1	5410023.4
L5420.2	505421.1	5410023.4	15955.40039	427.37	0	48.843159	-86.926114	56667.78	56239.6	10.42	56678.20	56658.21484	56911.52278	56913.11719	505421.1	5410023.4
L5420.2	505421.2	5410022.2	15955.50000	427.85	0	48.843149	-86.926114	56665.73	56239.6	10.42	56676.15	56656.12109	56913.19408	56911.37891	505421.2	5410022.2
L5420.2	505421.2	5410021.3	15955.59961	430.08	0	48.843140	-86.926113	56663.80	56239.6	10.41	56674.21	56654.13281	56917.95088	56912.82031	505421.2	5410021.3
L5420.2	505421.3	5410020.3	15955.70020	431.78	0	48.843132	-86.926112	56661.28	56239.6	10.41	56671.69	56651.55859	56909.60152	56901.24609	505421.3	5410020.3
L5420.2	505421.3	5410020.3	15955.79981	429.77	0	48.843132	-86.926112	56658.98	56239.6	10.41	56669.39	56649.19922	56906.93456	56895.45313	505421.3	5410020.3
L5420.2	505421.3	5410019.4	15955.90039	429.51	0	48.843123	-86.926112	56656.80	56239.6	10.41	56667.21	56646.95313	56907.60898	56893.09375	505421.3	5410019.4
L5420.2	505421.3	5410019.4	15956.00000	430.64	0	48.843123	-86.926112	56654.39	56239.6	10.41	56664.80	56644.46875	56903.41419	56885.95313	505421.3	5410019.4
L5420.2	505421.4	5410018.4	15956.09961	430.69	0	48.843114	-86.926111	56651.89	56239.6	10.41	56662.30	56641.89063	56897.64288	56877.33203	505421.4	5410018.4
L5420.2	505421.4	5410017.0	15956.20020	430.55	0	48.843102	-86.926110	56649.51	56239.6	10.41	56659.92	56639.42578	56895.23074	56872.16406	505421.4	5410017.0
L5420.2	505421.5	5410016.2	15956.29981	431.65	0	48.843094	-86.926110	56647.04	56239.6	10.42	56657.46	56636.87500	56891.48754	56865.76172	505421.5	5410016.2
L5420.2	505421.5	5410016.2	15956.40039	431.56	0	48.843094	-86.926110	56644.54	56239.6	10.42	56654.95	56634.27344	56887.12233	56858.82813	505421.5	5410016.2
L5420.2	505421.5	5410015.0	15956.50000	432.69	0	48.843084	-86.926109	56641.94	56239.6	10.42	56652.36	56631.58203	56881.43512	56850.66406	505421.5	5410015.0
L5420.2	505421.6	5410013.8	15956.59961	435.26	0	48.843073	-86.926108	56639.31	56239.6	10.42	56649.73	56628.84375	56875.36889	56842.21484	505421.6	5410013.8
L5420.2	505421.6	5410012.6	15956.70020	432.93	0	48.843062	-86.926108	56636.70	56239.6	10.42	56647.13	56626.13281	56870.57052	56835.12891	505421.6	5410012.6
L5420.2	505421.6	5410012.6	15956.79981	432.50	0	48.843062	-86.926108	56634.06	56239.6	10.43	56644.49	56623.37500	56865.39966	56827.76172	505421.6	5410012.6
L5420.2	505421.6	5410012.6	15956.90039	430.79	0	48.843062	-86.926108	56631.52	56239.6	10.43	56641.95	56620.71484	56863.14567	56823.40625	505421.6	5410012.6
L5420.2	505421.7	5410011.2	15957.00000	429.71	0	48.843049	-86.926107	56628.84	56239.6	10.43	56639.27	56617.90625	56858.17627	56816.42578	505421.7	5410011.2
L5420.2	505421.8	5410009.8	15957.09961	427.22	0	48.843036	-86.926106	56626.26	56239.6	10.43	56636.69	56615.19531	56856.12761	56812.45703	505421.8	5410009.8
L5420.2	505421.8	5410008.5	15957.20020	427.02	0	48.843025	-86.926105	56623.48	56239.6	10.43	56633.91	56612.27734	56849.95786	56804.46094	505421.8	5410008.5
L5420.2	505421.9	5410007.6	15957.29981	426.69	0	48.843017	-86.926104	56620.40	56239.6	10.42	56630.82	56609.04688	56837.08536	56789.85156	505421.9	5410007.6
L5420.2	505421.9	5410007.6	15957.40039	425.75	0	48.843017	-86.926104	56617.41	56239.6	10.42	56627.83	56605.91016	56827.13594	56778.25781	505421.9	5410007.6
L5420.2	505422.0	5410006.1	15957.50000	424.73	0	48.843003	-86.926103	56614.76	56239.6	10.42	56625.18	56603.11328	56825.74393	56775.30859	505422.0	5410006.1
L5420.2	505422.0	5410004.8	15957.59961	423.03	0	48.842991	-86.926102	56611.95	56239.6	10.42	56622.37	56600.14844	56821.17022	56769.26563	505422.0	5410004.8
L5420.2	505422.0	5410004.8	15957.70020	424.40	0	48.842991	-86.926102	56609.02	56239.6	10.42	56619.43	56597.05078	56814.11804	56760.83203	505422.0	5410004.8
L5420.2	505422.1	5410003.7	15957.79981	424.27	0	48.842982	-86.926102	56605.98	56239.6	10.41	56616.39	56593.84766	56805.29010	56750.71484	505422.1	5410003.7
L5420.2	505422.1	5410002.6	15957.90039	425.45	0	48.842972	-86.926101	56603.12	56239.6	10.41	56613.53	56590.82422	56801.25786	56745.47656	505422.1	5410002.6
L5420.2	505422.1	5410002.6	15958.00000	426.51	0	48.842972	-86.926101	56600.03	56239.6	10.41	56610.44	56587.56641	56792.39326	56735.49219	505422.1	5410002.6
L5420.2	505422.2	5410001.1	15958.09961	427.50	0	48.842959	-86.926100	56597.02	56239.6	10.41	56607.43	56584.38672	56785.97109	56728.03125	505422.2	5410001.1
L5420.2	505422.3	5410000.0	15958.20020	426.24	0	48.842948	-86.926099	56594.14	56239.6	10.42	56604.55	56581.33203	56783.16168	56724.26953	505422.3	5410000.0
L5420.2	505422.3	5410000.0	15958.29981	426.01	0	48.842948	-86.926099	56590.88	56239.6	10.42	56601.29	56577.89453	56771.98779	56712.22656	505422.3	5410000.0
L5420.2	505422.3	5409998.7	15958.40039	424.30	0	48.842937	-86.926098	56587.83	56239.6	10.42	56598.25	56574.67578	56766.53108	56705.98438	505422.3	5409998.7
L5420.2	505422.4	5409997.4	15958.50000	425.34	0	48.842925	-86.926097	56584.49	56239.6	10.43	56594.92	56571.16797	56754.81334	56693.55859	505422.4	5409997.4
L5420.2	505422.4	5409997.4	15958.59961	426.29	0	48.842925	-86.926097	56581.42	56239.6	10.43	56591.85	56567.91016	56749.74141	56687.85547	505422.4	5409997.4

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5420.2	505422.5	5409995.9	15958.70020	428.50	0	48.842912	-86.926096	56578.16	56239.6	10.43	56588.60	56564.47656	56740.97949	56678.54297	505422.5	5409995.9
L5420.2	505422.6	5409994.6	15958.79981	429.19	0	48.842900	-86.926095	56575.05	56239.6	10.43	56585.48	56561.16797	56735.79898	56672.89063	505422.6	5409994.6
L5420.2	505422.6	5409994.6	15958.90039	430.21	0	48.842900	-86.926095	56571.68	56239.6	10.44	56582.12	56557.62109	56725.50653	56662.20313	505422.6	5409994.6
L5420.2	505422.6	5409993.1	15959.00000	428.70	0	48.842886	-86.926094	56568.44	56239.6	10.44	56578.88	56554.19141	56718.54643	56654.91797	505422.6	5409993.1
L5420.2	505422.7	5409992.0	15959.09961	429.68	0	48.842876	-86.926094	56565.12	56239.6	10.44	56575.56	56550.67969	56710.21541	56646.33203	505422.7	5409992.0
L5420.2	505422.7	5409992.0	15959.20020	430.84	0	48.842876	-86.926094	56561.85	56239.6	10.44	56572.29	56547.21484	56703.55715	56639.49609	505422.7	5409992.0
L5420.2	505422.7	5409990.8	15959.29981	429.27	0	48.842866	-86.926093	56558.46	56239.6	10.44	56568.89	56543.62109	56694.33700	56630.16797	505422.7	5409990.8
L5420.2	505422.7	5409990.8	15959.40039	431.03	0	48.842866	-86.926093	56555.06	56239.6	10.44	56565.50	56540.03906	56685.83245	56621.62500	505422.7	5409990.8
L5420.2	505422.8	5409989.3	15959.50000	430.21	0	48.842852	-86.926092	56551.70	56239.6	10.44	56562.13	56536.47656	56678.26853	56614.08594	505422.8	5409989.3
L5420.2	505422.8	5409988.3	15959.59961	429.11	0	48.842844	-86.926092	56548.20	56239.6	10.43	56558.63	56532.78125	56668.11354	56604.02344	505422.8	5409988.3
L5420.2	505422.9	5409987.2	15959.70020	428.14	0	48.842833	-86.926091	56544.81	56239.6	10.43	56555.24	56529.19922	56660.99130	56597.05859	505422.9	5409987.2
L5420.2	505422.9	5409987.2	15959.79981	427.41	0	48.842833	-86.926091	56541.23	56239.6	10.43	56551.67	56525.43359	56650.08244	56586.36719	505422.9	5409987.2
L5420.2	505422.9	5409985.3	15959.90039	427.01	0	48.842817	-86.926090	56537.89	56239.6	10.43	56548.32	56521.89063	56644.76621	56581.33594	505422.9	5409985.3
L5420.2	505423.0	5409984.2	15960.00000	422.58	0	48.842806	-86.926090	56534.24	56239.6	10.43	56544.67	56518.05078	56632.82269	56569.73047	505423.0	5409984.2
L5420.2	505423.0	5409983.1	15960.09961	423.11	0	48.842796	-86.926090	56530.74	56239.6	10.43	56541.17	56514.35547	56624.80412	56562.10547	505423.0	5409983.1
L5420.2	505423.0	5409983.1	15960.20020	431.11	0	48.842796	-86.926090	56527.15	56239.6	10.43	56537.58	56510.57422	56615.06327	56552.82031	505423.0	5409983.1
L5420.2	505423.0	5409981.9	15960.29981	430.89	0	48.842786	-86.926089	56523.60	56239.6	10.43	56534.03	56506.83594	56606.63898	56544.90234	505423.0	5409981.9
L5420.2	505423.1	5409980.0	15960.40039	429.54	0	48.842769	-86.926089	56520.07	56239.6	10.43	56530.50	56503.12109	56599.04812	56537.87500	505423.1	5409980.0
L5420.2	505423.1	5409980.0	15960.50000	429.58	0	48.842769	-86.926089	56516.42	56239.6	10.43	56526.85	56499.28516	56588.98997	56528.42578	505423.1	5409980.0
L5420.2	505423.1	5409978.8	15960.59961	430.21	0	48.842758	-86.926088	56512.90	56239.6	10.43	56523.33	56495.57813	56582.31941	56522.41406	505423.1	5409978.8
L5420.2	505423.1	5409977.7	15960.70020	428.67	0	48.842748	-86.926088	56509.16	56239.6	10.43	56519.59	56491.65625	56570.80482	56511.60938	505423.1	5409977.7
L5420.2	505423.1	5409976.7	15960.79981	429.43	0	48.842739	-86.926088	56505.63	56239.6	10.43	56516.06	56487.94531	56564.52619	56506.08594	505423.1	5409976.7
L5420.2	505423.1	5409976.7	15960.90039	428.88	0	48.842739	-86.926088	56501.77	56239.6	10.43	56512.20	56483.91016	56550.79058	56493.14844	505423.1	5409976.7
L5420.2	505423.1	5409975.6	15961.00000	428.02	0	48.842729	-86.926088	56498.20	56239.6	10.43	56508.63	56480.16406	56544.13790	56487.33203	505423.1	5409975.6
L5420.2	505423.2	5409974.1	15961.09961	426.12	0	48.842715	-86.926087	56494.56	56239.6	10.43	56504.99	56476.35156	56536.10039	56480.17578	505423.2	5409974.1
L5420.2	505423.2	5409972.9	15961.20020	425.22	0	48.842705	-86.926087	56490.95	56239.6	10.43	56501.39	56472.58203	56529.24409	56474.23438	505423.2	5409972.9
L5420.2	505423.2	5409972.9	15961.29981	426.48	0	48.842705	-86.926087	56487.18	56239.6	10.43	56497.61	56468.63672	56518.38739	56464.33203	505423.2	5409972.9
L5420.2	505423.2	5409971.3	15961.40039	426.08	0	48.842690	-86.926087	56483.56	56239.6	10.43	56493.99	56464.85547	56511.49543	56458.42969	505423.2	5409971.3
L5420.2	505423.2	5409969.9	15961.50000	425.26	0	48.842678	-86.926087	56479.86	56239.6	10.43	56490.29	56460.99609	56502.91646	56450.87109	505423.2	5409969.9
L5420.2	505423.2	5409969.9	15961.59961	424.82	0	48.842678	-86.926087	56475.90	56239.6	10.44	56486.33	56456.87891	56488.40711	56437.41406	505423.2	5409969.9
L5420.2	505423.2	5409968.5	15961.70020	425.37	0	48.842665	-86.926086	56472.25	56239.6	10.44	56482.69	56453.08594	56481.56616	56431.65234	505423.2	5409968.5
L5420.2	505423.3	5409966.8	15961.79981	426.94	0	48.842650	-86.926086	56468.34	56239.6	10.44	56478.78	56449.02734	56468.52420	56419.71875	505423.3	5409966.8
L5420.2	505423.3	5409966.8	15961.90039	427.50	0	48.842650	-86.926086	56464.64	56239.6	10.44	56475.08	56445.18359	56460.53187	56412.85938	505423.3	5409966.8
L5420.2	505423.3	5409965.6	15962.00000	427.29	0	48.842639	-86.926086	56460.82	56239.6	10.44	56471.26	56441.22266	56449.82330	56403.30469	505423.3	5409965.6
L5420.2	505423.3	5409965.6	15962.09961	428.29	0	48.842639	-86.926086	56457.02	56239.6	10.44	56467.46	56437.28516	56439.66657	56394.32422	505423.3	5409965.6
L5420.2	505423.3	5409962.9	15962.20020	429.89	0	48.842615	-86.926085	56453.19	56239.6	10.44	56463.63	56433.32031	56428.86895	56384.71875	505423.3	5409962.9
L5420.2	505423.3	5409962.9	15962.29981	430.11	0	48.842615	-86.926085	56449.51	56239.6	10.44	56459.95	56429.51172	56421.63725	56378.69922	505423.3	5409962.9
L5420.2	505423.4	5409961.6	15962.40039	432.59	0	48.842603	-86.926085	56445.94	56239.6	10.44	56456.37	56425.80859	56416.77840	56375.07031	505423.4	5409961.6
L5420.2	505423.4	5409961.6	15962.50000	432.87	0	48.842603	-86.926085	56442.08	56239.6	10.44	56452.52	56421.83984	56405.58660	56365.11719	505423.4	5409961.6
L5420.2	505423.4	5409960.2	15962.59961	433.45	0	48.842591	-86.926085	56438.18	56239.6	10.43	56448.61	56417.81641	56392.97254	56353.75391	505423.4	5409960.2
L5420.2	505423.4	5409958.4	15962.70020	433.61	0	48.842574	-86.926084	56434.20	56239.6	10.43	56444.63	56413.72656	56378.68186	56340.72656	505423.4	5409958.4
L5420.2	505423.4	5409957.2	15962.79981	434.34	0	48.842564	-86.926084	56430.68	56239.6	10.43	56441.11	56410.10156	56375.13762	56338.44922	505423.4	5409957.2
L5420.2	505423.4	5409956.2	15962.90039	432.16	0	48.842554	-86.926084	56426.85	56239.6	10.43	56437.28	56406.17188	56364.24286	56328.83203	505423.4	5409956.2
L5420.2	505423.4	5409956.2	15963.00000	430.73	0	48.842554	-86.926084	56423.20	56239.6	10.43	56433.63	56402.42578	56357.48142	56323.34766	505423.4	5409956.2
L5420.2	505423.5	5409954.9	15963.09961	430.40	0	48.842543	-86.926083	56419.45	56239.6	10.43	56429.88	56398.58594	56348.25989	56315.40234	505423.5	5409954.9
L5420.2	505423.5	5409953.5	15963.20020	427.91	0	48.842530	-86.926083	56415.62	56239.6	10.44	56426.06	56394.67969	56337.26267	56305.68359	505423.5	5409953.5
L5420.2	505423.5	5409952.1	15963.29981	426.03	0	48.842518	-86.926083	56411.66	56239.6	10.44	56422.10	56390.63672	56322.82645	56292.52734	505423.5	5409952.1
L5420.2	505423.5	5409952.1	15963.40039	426.30	0	48.842518	-86.926083	56407.86	56239.6	10.44	56418.30	56386.76172	56311.97437	56282.94922	505423.5	5409952.1
L5420.2	505423.5	5409950.4	15963.50000	425.61	0	48.842503	-86.926083	56404.16	56239.6	10.44	56414.61	56383.00391	56303.51267	56275.75781	505423.5	5409950.4
L5420.2	505423.5	5409949.1	15963.59961	425.11	0	48.842491	-86.926082	56400.48	56239.6	10.45	56410.93	56379.25781	56295.07379	56268.57813	505423.5	5409949.1
L5420.2	505423.5	5409949.1	15963.70020	423.68	0	48.842491	-86.926082	56396.86	56239.5	10.45	56407.31	56375.57813	56287.81173	56262.56641	505423.5	5409949.1
L5420.2	505423.6	5409947.4	15963.79981	424.27	0	48.842476	-86.926082	56392.98	56239.5	10.45	56403.43	56371.64453	56274.19412	56250.19141	505423.6	5409947.4
L5420.2	505423.6	5409947.4	15963.90039	422.31	0	48.842476	-86.926082	56389.36	56239.5	10.46	56399.82	56367.98438	56266.64403	56243.87109	505423.6	5409947.4
L5420.2	505423.6	5409945.7	15964.00000	422.10	0	48.842460	-86.926082	56385.68	56239.5	10.46	56396.14	56364.26172	56257.15974	56235.59766	505423.6	5409945.7
L5420.2	505423.6	5409944.4	15964.09961	424.64	0	48.842449	-86.926082	56382.09	56239.5	10.46	56392.55	56360.63281	56249.47807	56229.11328	505423.6	5409944.4
L5420.2	505423.6	5409944.4	15964.20020	424.68	0	48.842449	-86.926082	56378.13	56239.5	10.46	56388.59	56356.63672	56232.78032	56213.59766	505423.6	5409944.4
L5420.2	505423.6	5409943.1	15964.29981	423.68	0	48.842436	-86.926082	56374.54	56239.5	10.47	56385.00	56353.01953	56224.42020	56206.39844	505423.6	5409943.1
L5420.2	505423.6	5409941.4	15964.40039	423.35	0	48.842422	-86.926082	56370.78	56239.5	10.47	56381.25	56349.24609	56211.93592	56195.05469	505423.6	5409941.4
L5420.2	505423.6	5409941.4	15964.50000	423.18	0	48.842422	-86.926082	56367.18	56239.5	10.47	56377.65	56345.62891	56202.58649	56186.82031	505423.6	5409941.4
L5420.2	505423.6	5409939.9	15964.59961	423.79	0	48.842408	-86.926082	56363.71	56239.5	10.47	56374.18	56342.14453	56195.88371	56181.21094	505423.6	5409939.9
L5420.2	505423.6	5409938.2	15964.70020	423.95	0	48.842393	-86.926082	56360.12	56239.5	10.47	56370.59	56338.55078	56185.93994	56172.33594	505423.6	5409938.2
L5420.2	505423.6	5409938.2	15964.79981	423.09	0	48.842393	-86.926082	56356.62	56239.5	10.48	56367.10	56335.05859	56177.90188	56165.33594	505423.6	5409938.2
L5420.2	505423.6	5409936.4	15964.90039	425.71	0	48.842376	-86.926082	56353.02	56239.5	10.48	56363.49	56331.44922	56166.58667	56155.03516	505423.6	5409936.4
L5420.2	505423.6	5409935.0	15965.00000	427.13	0	48.842364	-86.926082	56349.60	56239.5	10.48	56360.08	56328.04688	56159.48921	56148.91797	505423.6	5409935.0
L5420.2	505423.6	5409935.0	15965.09961	427.40	0	48.842364	-86.926082	56345.85	56239.5	10.48	56356.33	56324.31250	56143.91457	56134.29297	505423.6	5409935.0
L5420.2	505423.6	5409933.8	15965.20020	427.64	0	48.842353	-86.926081	56342.50	56239.5	10.48	56352.97	56320.96875	56136.98377	56128.27734	505423.6	5409933.8
L5420.2	505423.6	5409932.5	15965.29981	429.39	0	48.842341	-86.926081	56339.01	56239.5	10.48	56349.49	56317.51563	56126.70677	56118.88672	505423.6	5409932.5
L5420.2	505423.6	5409932.5	15965.40039	429.10	0	48.842341	-86.926081	56335.64	56239.5	10.48	56346.11	56314.16406	56118.23199	56111.25781	505423.6	5409932.5
L5420.2	505423.6	5409930.7	15965.50000	430.77	0	48.842325	-86.926081	56332.25	56239.5	10.47	56342.72	56310.80469	56108.96085	56102.79688	505423.6	5409930.7
L5420.2	505423.6	5409929.3	15965.59961	430.43	0	48.842313	-86.926081	56328.98	56239.5	10.47	56339.45	56307.57422	56101.92953	56096.53906	505423.6	5409929.3
L5420.2	505423.6	5409929.3	15965.70020	430.08	0	48.842313	-86.926081	56325.61	56239.5	10.47	56336.08	56304.25000	56091.95769	56087.30078	505423.6	5409929.3
L5420.2	505423.6	5409928.0	15965.79981	429.41	0	48.842301	-86.926081	56322.08	56239.5	10.47	56332.55	56300.76563	56077.62168	56073.65625	505423.6	5409928.0
L5420.2	505423.6	5409926.7	15965.90039	430.92	0	48.842290	-86.926082	56318.90	56239.5	10.47	56329.37	56297.64063	56070.88008	56067.56641	505423.6	5409926.7
L5420.2	505423.6	5409925.3	15966.00000	429.15	0	48.842277	-86.926082	56315.47	56239.5	10.47	56325.94	56294.26953	56057.63250	56054.92578	505423.6	5409925.3
L5420.2	505423.6	5409925.3	15966.09961	429.27	0	48.842277	-86.926082	56312.32	56239.5	10.47	56322.79	56291.17969	56050.30790	56048.16406	505423.6	5409925.3
L5420.2	505423.6	5409923.8	15966.20020	430.01	0	48.842263	-86.926082	56309.09	56239.5	10.47	56319.56	56288.01953	56040.44121	56038.81641	505423.6	5409923.8
L5420.2	505423.6	5409922.6	15966.29981	429.92	0	48.842252	-86.926082	56306.19	56239.5	10.47	56316.65	56285.17969	56037.41028	56036.25781	505423.6	5409922.6
L5420.2	505423.6	5409920.9	15966.40039	429.77	0	48.842237	-86.926082	56303.00	56239.5	10.47	56313.46	56282.06641	56027.11650	56026.38672	505423.6	5409920.9
L5420.2	505423.6	5409920.9	15966.50000	430.86	0	48.842237	-86.926082	56299.96	56239.5	10.46	56310.42	56279.10938	56019.64296	56019.29297	505423.6	5409920.9
L5420.2	505423.6	5409919.4	15966.59961	429.67	0	48.842223	-86.926082	56297.00	56239.5	10.46	56307.46	56276.23438	56013.33478	56013.31250	505423.6	5409919.4
L5420.2	505423.6	5409919.4	15966.70020	428.24	0	48.842223	-86.926082	56293.89	56239.5	10.46	56304.35	56273.21484	56002.78126	56003.03516	505423.6	5409919.4
L5420.2	505423.6	5409917.5	15966.79981	429.72	0	48.842207	-86.926082	56290.97	56239.5	10.46	56301.43	56270.38672	55995.95407	55996.43359	505423.6	5409917.5
L5420.2	505423.6	5409916.2	15966.90039	428.95	0	48.842195	-86.926082	56288.04	56239.5	10.46	56298.50	56267.55859	55988.14783	55988.80078	505423.6	5409916.2
L5420.2	505423.6	5409916.2	15967.00000	426.80	0	48.842195	-86.926082	56285.21	56239.5	10.46	56295.67	56264.82813	55981.93558	55982.71094	505423.6	5409916.2
L5420.2	505423.6	5409914.9	15967.09961	425.54	0	48.842183	-86.926082	56282.30	56239.5	10.46	56292.76	56262.02734	55973.08255	55973.92578	505423.6	5409914.9
L5420.2	505423.6	5409913.4	15967.20020	425.03	0	48.842170	-86.926082	56279.69	56239.5	10.46	56290.15	56259.52734	55970.50161	55971.35547	505423.6	5409913.4
L5420.2	505423.6	5409911.9	15967.29981	426.07	0	48.842156	-86.926082	56276.86	56239.5	10.46	56287.32	56256.81250	55961.97697	55962.78906	505423.6	5409911.9
L5420.2	505423.6	5409910.6	15967.40039	426.41	0	48.842144	-86.926082	56274.18	56239.5	10.46	56284.64	56254.25000	55956.18784	55956.90234	505423.6	5409910.6
L5420.2	505423.6	5409910.6	15967.50000	424.90	0	48.842144	-86.926082	56271.56	56239.5	10.46	56282.01	56251.74609	55950.77987	55951.33984	505423.6	5409910.6
L5420.2	505423.6	5409909.2	15967.59961	422.00	0	48.842132	-86.926082	56268.93	56239.5	10.46	56279.39	56249.25000	55944.80788	55945.15625	505423.6	5409909.2
L5420.2	505423.6	5409908.0	15967.70020	423.64	0	48.842121	-86.926082	56266.36	56239.5	10.46	56276.82	56246.81250	55939.20545	55939.28125	505423.6	5409908.0
L5420.2	505423.6	5409908.0	15967.79981	424.44	0	48.842121	-86.926082	56263.92	56239.5	10.46	56274.38	56244.50781	55935.84582	55935.59375	505423.6	5409908.0
L5420.2	505423.6	5409906.5	15967.90039	425.85	0	48.842108	-86.926083	56261.42	56239.5	10.46	56271.88	56242.14453	55930.26405	55929.62500	505423.6	5409906.5

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5420.2	505423.6	5409905.5	15968.00000	424.94	0	48.842098	-86.926083	56258.90	56239.5	10.46	56269.36	56239.76563	55923.39553	55922.30859	505423.6	5409905.5
L5420.2	505423.6	5409904.5	15968.09961	425.93	0	48.842089	-86.926083	56256.63	56239.5	10.46	56267.09	56237.64063	55921.57589	55919.98047	505423.6	5409904.5
L5420.2	505423.6	5409904.5	15968.20020	425.42	0	48.842089	-86.926083	56254.28	56239.5	10.46	56264.74	56235.44141	55917.05526	55914.88672	505423.6	5409904.5
L5420.2	505423.5	5409902.7	15968.29981	424.92	0	48.842073	-86.926083	56251.98	56239.5	10.46	56262.44	56233.29297	55912.88376	55910.08594	505423.5	5409902.7
L5420.2	505423.5	5409901.2	15968.40039	424.32	0	48.842060	-86.926083	56249.78	56239.5	10.46	56260.24	56231.24609	55910.23396	55906.74609	505423.5	5409901.2
L5420.2	505423.5	5409899.8	15968.50000	424.96	0	48.842048	-86.926084	56247.42	56239.5	10.46	56257.88	56229.04688	55903.00122	55898.75781	505423.5	5409899.8
L5420.2	505423.5	5409899.8	15968.59961	426.56	0	48.842048	-86.926084	56245.42	56239.5	10.46	56255.88	56227.20703	55903.39350	55898.33594	505423.5	5409899.8
L5420.2	505423.5	5409898.6	15968.70020	426.48	0	48.842037	-86.926084	56243.15	56239.5	10.46	56253.61	56225.10156	55896.62094	55890.68359	505423.5	5409898.6
L5420.2	505423.5	5409897.0	15968.79981	428.04	0	48.842022	-86.926084	56241.13	56239.5	10.46	56251.59	56223.25000	55894.89274	55888.01172	505423.5	5409897.0
L5420.2	505423.5	5409897.0	15968.90039	427.01	0	48.842022	-86.926084	56239.13	56239.5	10.46	56249.58	56221.41016	55892.57627	55884.69141	505423.5	5409897.0
L5420.2	505423.5	5409895.6	15969.00000	429.61	0	48.842010	-86.926084	56237.18	56239.5	10.46	56247.64	56219.64453	55891.08260	55882.12891	505423.5	5409895.6
L5420.2	505423.5	5409894.5	15969.09961	429.10	0	48.841999	-86.926084	56235.32	56239.5	10.46	56245.78	56217.96094	55890.64956	55880.56250	505423.5	5409894.5
L5420.2	505423.5	5409893.1	15969.20020	428.00	0	48.841987	-86.926084	56233.38	56239.5	10.46	56243.84	56216.20313	55887.52454	55876.23828	505423.5	5409893.1
L5420.2	505423.5	5409893.1	15969.29981	425.96	0	48.841987	-86.926084	56231.62	56239.5	10.46	56242.08	56214.62500	55887.81583	55875.26953	505423.5	5409893.1
L5420.2	505423.5	5409891.4	15969.40039	426.57	0	48.841971	-86.926084	56229.88	56239.5	10.46	56240.33	56213.05859	55887.53726	55873.66406	505423.5	5409891.4
L5420.2	505423.5	5409890.3	15969.50000	425.95	0	48.841962	-86.926084	56227.99	56239.5	10.46	56238.45	56211.36719	55883.40757	55868.14844	505423.5	5409890.3
L5420.2	505423.5	5409890.3	15969.59961	424.62	0	48.841962	-86.926084	56226.31	56239.5	10.46	56236.76	56209.87109	55882.94550	55866.23047	505423.5	5409890.3
L5420.2	505423.5	5409889.2	15969.70020	425.64	0	48.841952	-86.926084	56224.73	56239.5	10.46	56235.19	56208.49219	55884.51436	55866.28125	505423.5	5409889.2
L5420.2	505423.5	5409887.9	15969.79981	425.72	0	48.841940	-86.926084	56222.98	56239.5	10.46	56233.44	56206.93750	55881.07838	55861.26172	505423.5	5409887.9
L5420.2	505423.5	5409887.9	15969.90039	428.05	0	48.841940	-86.926084	56221.50	56239.5	10.46	56231.96	56205.65625	55883.21006	55861.74609	505423.5	5409887.9
L5420.2	505423.5	5409886.9	15970.00000	428.08	0	48.841931	-86.926084	56219.98	56239.5	10.46	56230.44	56204.33984	55883.64000	55860.46875	505423.5	5409886.9
L5420.2	505423.5	5409885.2	15970.09961	427.59	0	48.841916	-86.926084	56218.40	56239.5	10.46	56228.86	56202.96094	55881.90771	55856.96094	505423.5	5409885.2
L5420.2	505423.5	5409885.2	15970.20020	426.92	0	48.841916	-86.926084	56216.94	56239.5	10.46	56227.40	56201.70703	55882.24860	55855.46094	505423.5	5409885.2
L5420.2	505423.5	5409884.0	15970.29981	428.47	0	48.841905	-86.926084	56215.56	56239.5	10.46	56226.02	56200.53516	55883.73374	55855.04297	505423.5	5409884.0
L5420.2	505423.5	5409884.0	15970.40039	428.68	0	48.841905	-86.926084	56214.04	56239.5	10.46	56224.50	56199.22656	55881.20890	55850.55078	505423.5	5409884.0
L5420.2	505423.5	5409882.5	15970.50000	428.48	0	48.841891	-86.926085	56212.55	56239.5	10.46	56223.01	56197.94922	55878.67635	55845.98828	505423.5	5409882.5
L5420.2	505423.5	5409881.4	15970.59961	428.84	0	48.841882	-86.926085	56211.40	56239.5	10.46	56221.86	56197.01172	55883.42567	55848.64453	505423.5	5409881.4
L5420.2	505423.5	5409881.4	15970.70020	428.37	0	48.841882	-86.926085	56210.34	56239.5	10.46	56220.80	56196.16797	55889.59988	55852.66406	505423.5	5409881.4
L5420.2	505423.5	5409879.7	15970.79981	427.63	0	48.841867	-86.926085	56209.31	56239.5	10.46	56219.77	56195.35547	55895.80310	55856.64844	505423.5	5409879.7
L5420.2	505423.4	5409878.7	15970.90039	428.54	0	48.841858	-86.926085	56207.84	56239.5	10.46	56218.30	56194.10938	55891.01443	55849.58203	505423.4	5409878.7
L5420.2	505423.4	5409877.5	15971.00000	429.47	0	48.841847	-86.926085	56206.61	56239.5	10.46	56217.07	56193.10156	55891.21184	55847.43750	505423.4	5409877.5
L5420.2	505423.4	5409877.5	15971.09961	428.15	0	48.841847	-86.926085	56205.79	56239.5	10.46	56216.25	56192.50391	55900.40059	55854.22266	505423.4	5409877.5
L5420.2	505423.4	5409876.5	15971.20020	428.67	0	48.841837	-86.926085	56204.64	56239.5	10.46	56215.11	56191.58984	55901.45713	55852.81250	505423.4	5409876.5
L5420.2	505423.4	5409875.4	15971.29981	430.77	0	48.841828	-86.926085	56203.52	56239.5	10.46	56213.98	56190.68750	55902.14389	55850.97266	505423.4	5409875.4
L5420.2	505423.4	5409875.4	15971.40039	429.32	0	48.841828	-86.926085	56202.20	56239.5	10.46	56212.66	56189.59766	55897.78093	55844.02344	505423.4	5409875.4
L5420.2	505423.4	5409874.2	15971.50000	426.55	0	48.841817	-86.926085	56201.21	56239.5	10.47	56211.68	56188.84766	55900.82689	55844.42578	505423.4	5409874.2
L5420.2	505423.4	5409874.2	15971.59961	426.96	0	48.841817	-86.926085	56200.27	56239.5	10.47	56210.74	56188.14063	55904.25492	55845.14844	505423.4	5409874.2
L5420.2	505423.4	5409873.0	15971.70020	428.48	0	48.841806	-86.926085	56199.59	56239.5	10.47	56210.05	56187.68750	55913.01180	55851.14063	505423.4	5409873.0
L5420.2	505423.4	5409871.8	15971.79981	427.51	0	48.841795	-86.926085	56198.69	56239.5	10.47	56209.16	56187.03125	55916.54990	55851.85938	505423.4	5409871.8
L5420.2	505423.4	5409870.8	15971.90039	427.36	0	48.841787	-86.926085	56197.66	56239.5	10.47	56208.13	56186.23828	55916.29513	55848.72656	505423.4	5409870.8
L5420.2	505423.4	5409870.8	15972.00000	426.50	0	48.841787	-86.926085	56196.82	56239.5	10.47	56207.29	56185.63672	55920.01249	55849.50781	505423.4	5409870.8
L5420.2	505423.4	5409870.8	15972.09961	426.37	0	48.841787	-86.926085	56196.30	56239.5	10.47	56206.77	56185.35547	55930.77192	55857.27344	505423.4	5409870.8
L5420.2	505423.4	5409868.6	15972.20020	427.21	0	48.841766	-86.926085	56195.47	56239.5	10.47	56205.94	56184.76953	55933.80118	55857.25391	505423.4	5409868.6
L5420.2	505423.4	5409868.6	15972.29981	427.27	0	48.841766	-86.926085	56194.52	56239.5	10.47	56204.99	56184.05859	55933.57936	55853.92969	505423.4	5409868.6
L5420.2	505423.4	5409867.6	15972.40039	425.96	0	48.841758	-86.926085	56193.63	56239.5	10.47	56204.10	56183.41406	55934.35104	55851.54297	505423.4	5409867.6
L5420.2	505423.4	5409867.6	15972.50000	426.36	0	48.841758	-86.926085	56192.91	56239.5	10.46	56203.37	56182.92578	55938.48285	55852.46484	505423.4	5409867.6
L5420.2	505423.4	5409866.6	15972.59961	425.42	0	48.841749	-86.926085	56192.46	56239.5	10.46	56202.93	56182.73438	55949.04597	55859.76172	505423.4	5409866.6
L5420.2	505423.4	5409865.8	15972.70020	426.70	0	48.841741	-86.926085	56191.78	56239.5	10.46	56202.24	56182.28906	55953.38222	55860.77734	505423.4	5409865.8
L5420.2	505423.4	5409864.8	15972.79981	425.87	0	48.841732	-86.926085	56191.29	56239.5	10.46	56201.75	56182.04688	55962.07575	55866.10547	505423.4	5409864.8
L5420.2	505423.4	5409864.8	15972.90039	427.36	0	48.841732	-86.926085	56190.66	56239.5	10.46	56201.12	56181.66406	55967.16408	55867.77344	505423.4	5409864.8
L5420.2	505423.4	5409863.9	15973.00000	427.64	0	48.841725	-86.926086	56189.98	56239.5	10.46	56200.44	56181.23438	55970.77996	55867.91797	505423.4	5409863.9
L5420.2	505423.4	5409863.9	15973.09961	428.03	0	48.841725	-86.926086	56189.18	56239.5	10.46	56199.64	56180.68359	55971.29991	55864.92188	505423.4	5409863.9
L5420.2	505423.4	5409863.0	15973.20020	426.66	0	48.841716	-86.926086	56188.64	56239.5	10.46	56199.10	56180.39453	55977.66520	55867.71875	505423.4	5409863.0
L5420.2	505423.4	5409862.0	15973.29981	426.10	0	48.841707	-86.926086	56188.17	56239.5	10.46	56198.63	56180.17578	55985.43529	55871.87109	505423.4	5409862.0
L5420.2	505423.4	5409861.4	15973.40039	424.54	0	48.841701	-86.926086	56187.83	56239.5	10.46	56198.29	56180.08594	55996.03894	55878.81250	505423.4	5409861.4
L5420.2	505423.4	5409860.8	15973.50000	423.98	0	48.841696	-86.926086	56187.50	56239.5	10.47	56197.96	56180.00781	56006.67910	55885.74609	505423.4	5409860.8
L5420.2	505423.4	5409860.1	15973.59961	424.43	0	48.841690	-86.926086	56187.38	56239.5	10.47	56197.85	56180.15234	56022.30610	55897.62109	505423.4	5409860.1
L5420.2	505423.4	5409860.1	15973.70020	423.01	0	48.841690	-86.926086	56186.54	56239.5	10.47	56197.01	56179.56641	56020.63707	55892.15234	505423.4	5409860.1
L5420.2	505423.4	5409859.0	15973.79981	424.02	0	48.841680	-86.926086	56185.74	56239.5	10.47	56196.21	56179.01953	56019.76936	55887.44531	505423.4	5409859.0
L5420.2	505423.4	5409859.0	15973.90039	424.98	0	48.841680	-86.926086	56185.52	56239.5	10.47	56195.99	56179.05469	56032.40062	55896.19531	505423.4	5409859.0
L5420.2	505423.4	5409858.1	15974.00000	427.01	0	48.841672	-86.926086	56185.30	56239.5	10.47	56195.77	56179.08984	56044.93426	55904.80469	505423.4	5409858.1
L5420.2	505423.4	5409857.3	15974.09961	426.10	0	48.841665	-86.926086	56184.87	56239.5	10.47	56195.34	56178.91797	56052.46008	55908.36719	505423.4	5409857.3
L5420.2	505423.4	5409857.3	15974.20020	424.55	0	48.841665	-86.926086	56184.34	56239.5	10.47	56194.81	56178.64063	56057.58039	55909.48438	505423.4	5409857.3
L5420.2	505423.4	5409856.5	15974.29981	424.35	0	48.841658	-86.926086	56183.98	56239.5	10.47	56194.45	56178.53906	56066.65364	55914.51563	505423.4	5409856.5
L5420.2	505423.4	5409856.5	15974.40039	426.03	0	48.841658	-86.926086	56183.96	56239.5	10.47	56194.43	56178.77344	56083.69047	55927.47266	505423.4	5409856.5
L5420.2	505423.4	5409855.7	15974.50000	428.61	0	48.841651	-86.926086	56183.38	56239.5	10.47	56193.85	56178.45313	56087.58108	55927.25000	505423.4	5409855.7
L5420.2	505423.4	5409855.1	15974.59961	428.04	0	48.841645	-86.926086	56182.87	56239.5	10.47	56193.34	56178.19922	56093.13512	55928.65234	505423.4	5409855.1
L5420.2	505423.4	5409854.5	15974.70020	429.22	0	48.841639	-86.926086	56183.07	56239.5	10.47	56193.54	56178.65625	56115.39681	55946.72656	505423.4	5409854.5
L5420.2	505423.4	5409853.8	15974.79981	429.18	0	48.841634	-86.926086	56183.07	56239.5	10.47	56193.54	56178.91406	56133.02096	55960.13281	505423.4	5409853.8
L5420.2	505423.4	5409853.8	15974.90039	428.78	0	48.841634	-86.926086	56182.64	56239.5	10.47	56193.11	56178.74219	56140.62643	55963.48828	505423.4	5409853.8
L5420.2	505423.3	5409853.2	15975.00000	427.89	0	48.841628	-86.926087	56182.06	56239.5	10.47	56192.53	56178.42188	56144.80504	55963.38672	505423.3	5409853.2
L5420.2	505423.3	5409853.2	15975.09961	425.88	0	48.841628	-86.926087	56181.68	56239.5	10.47	56192.15	56178.30078	56153.79172	55968.05859	505423.3	5409853.2
L5420.2	505423.3	5409852.5	15975.20020	427.55	0	48.841621	-86.926087	56181.54	56239.5	10.47	56192.01	56178.41797	56168.54327	55978.46875	505423.3	5409852.5
L5420.2	505423.3	5409851.8	15975.29981	428.89	0	48.841616	-86.926087	56181.66	56239.5	10.47	56192.12	56178.78516	56189.31188	55994.87109	505423.3	5409851.8
L5420.2	505423.3	5409851.8	15975.40039	429.00	0	48.841616	-86.926087	56181.36	56239.5	10.47	56191.82	56178.74609	56200.61987	56001.78125	505423.3	5409851.8
L5420.2	505423.3	5409851.2	15975.50000	430.36	0	48.841610	-86.926088	56180.77	56239.5	10.46	56191.24	56178.42188	56205.53600	56002.27734	505423.3	5409851.2
L5420.2	505423.2	5409850.6	15975.59961	429.74	0	48.841605	-86.926088	56180.33	56239.5	10.46	56190.80	56178.24219	56213.93696	56006.23438	505423.2	5409850.6
L5420.2	505423.2	5409850.6	15975.70020	427.76	0	48.841605	-86.926088	56180.52	56239.5	10.46	56190.98	56178.67969	56237.10769	56024.93359	505423.2	5409850.6
L5420.2	505423.2	5409849.9	15975.79981	427.63	0	48.841599	-86.926088	56180.52	56239.5	10.46	56190.98	56178.94141	56256.28231	56039.61719	505423.2	5409849.9
L5420.2	505423.2	5409849.5	15975.90039	428.16	0	48.841594	-86.926089	56180.32	56239.5	10.46	56190.78	56179.00000	56271.00652	56049.83203	505423.2	5409849.5
L5420.2	505423.1	5409849.1	15976.00000	428.75	0	48.841591	-86.926089	56180.12	56239.5	10.46	56190.58	56179.05859	56285.99054	56060.28125	505423.1	5409849.1
L5420.2	505423.1	5409849.1	15976.09961	430.13	0	48.841591	-86.926089	56180.16	56239.5	10.46	56190.62	56179.35938	56306.88324	56076.62109	505423.1	5409849.1
L5420.2	505423.1	5409848.6	15976.20020	430.28	0	48.841587	-86.926090	56180.22	56239.5	10.46	56190.68	56179.67578	56328.53367	56093.70313	505423.1	5409848.6
L5420.2	505423.1	5409848.1	15976.29981	428.39	0	48.841582	-86.926090	56180.14	56239.5	10.46	56190.60	56179.85547	56347.19904	56107.78516	505423.1	5409848.1
L5420.2	505423.1	5409848.1	15976.40039	426.78	0	48.841582	-86.926090	56180.02	56239.5	10.46	56190.48	56179.99609	56365.24014	56121.22266	505423.1	5409848.1
L5420.2	505423.0	5409847.6	15976.50000	427.21	0	48.841578	-86.926091	56180.29	56239.5	10.46	56190.76	56180.53516	56392.99938	56144.36719	505423.0	5409847.6
L5420.2	505423.0	5409847.2	15976.59961	427.41	0	48.841574	-86.926091	56180.06	56239.5	10.47	56190.53	56180.56250	56409.12492	56155.86719	505423.0	5409847.2
L5420.2	505423.0	5409847.2	15976.70020	428.33	0	48.841574	-86.926091	56179.71	56239.5	10.47	56190.17	56180.46484	56422.54961	56164.64844	505423.0	5409847.2
L5420.2	505423.0	5409846.9	15976.79981	427.95	0	48.841571	-86.926092	56179.50	56239.5	10.47	56189.97	56180.52344	56440.09290	56177.54297	505423.0	5409846.9
L5420.2	505422.9	5409846.4	15976.90039	428.34	0	48.841567	-86.926092	56179.64	56239.5	10.47	56190.11	56180.92188	56465.99128	56198.78125	505422.9	5409846.4
L5420.2	505422.9	5409846.4	15977.00000	427.78	0	48.841567	-86.926092	56179.54	56239.5	10.47	56190.01	56181.08203	56486.63826	56214.75781	505422.9	5409846.4
L5420.2	505422.9	5409846.0	15977.09961	428.34	0	48.841564	-86.926093	56179.96	56239.5	10.47	56190.43	56181.76172	56519.88592	56243.33203	505422.9	5409846.0
L5420.2	505422.8	5409845.6	15977.20020	428.24	0	48.841560	-86.926094	56179.84	56239.5	10.47	56190.31	56181.90234	56540.85782	56259.62109	505422.8	5409845.6

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5420.2	505422.8	5409845.3	15977.29981	426.84	0	48.841557	-86.926094	56179.78	56239.5	10.47	56190.25	56182.10156	56563.64868	56277.72266	505422.8	5409845.3
L5420.2	505422.8	5409845.3	15977.40039	430.09	0	48.841557	-86.926094	56179.61	56239.5	10.47	56190.08	56182.18750	56584.27546	56293.66016	505422.8	5409845.3
L5420.2	505422.7	5409845.0	15977.50000	429.56	0	48.841554	-86.926095	56179.50	56239.5	10.47	56189.98	56182.34766	56606.97151	56311.66406	505422.7	5409845.0
L5420.2	505422.7	5409844.7	15977.59961	430.33	0	48.841551	-86.926096	56179.68	56239.5	10.48	56190.16	56182.78906	56636.67395	56336.67578	505422.7	5409844.7
L5420.3	505417.0	5410445.7	75440.00000	445.90	0	48.846958	-86.926165	56783.47	56247	2.96	56786.43	56787.77734	56720.11553	56843.28906	505417.0	5410445.7
L5420.3	505416.9	5410445.1	75440.10156	446.50	0	48.846953	-86.926166	56783.35	56247	2.96	56786.31	56787.57813	56730.79703	56851.25000	505416.9	5410445.1
L5420.3	505416.9	5410445.1	75440.20313	446.71	0	48.846953	-86.926166	56783.14	56247	2.96	56786.10	56787.29297	56739.48741	56857.22656	505416.9	5410445.1
L5420.3	505416.9	5410444.4	75440.29688	448.19	0	48.846946	-86.926166	56782.04	56247	2.95	56784.99	56786.10156	56728.60489	56843.62891	505416.9	5410444.4
L5420.3	505416.9	5410443.7	75440.39844	450.92	0	48.846940	-86.926166	56781.75	56247	2.95	56784.70	56785.73438	56735.49541	56847.81250	505416.9	5410443.7
L5420.3	505416.9	5410443.0	75440.50000	450.12	0	48.846934	-86.926166	56780.85	56247	2.95	56783.80	56784.75781	56729.11689	56838.72656	505416.9	5410443.0
L5420.3	505416.9	5410443.0	75440.60156	451.30	0	48.846934	-86.926166	56780.21	56247.1	2.95	56783.16	56784.04297	56728.36155	56835.27344	505416.9	5410443.0
L5420.3	505416.9	5410442.5	75440.70313	455.39	0	48.846929	-86.926166	56780.03	56247.1	2.95	56782.97	56783.77734	56737.35853	56841.58203	505416.9	5410442.5
L5420.3	505416.9	5410441.9	75440.79688	455.71	0	48.846924	-86.926166	56780.13	56247.1	2.94	56783.07	56783.80078	56752.63840	56854.17969	505416.9	5410441.9
L5420.3	505416.9	5410441.9	75440.89844	456.12	0	48.846924	-86.926166	56779.97	56247.1	2.94	56782.92	56783.57422	56762.48180	56861.35156	505416.9	5410441.9
L5420.3	505416.9	5410441.3	75441.00000	455.10	0	48.846918	-86.926166	56779.64	56247.1	2.94	56782.58	56783.16016	56768.19576	56864.40234	505416.9	5410441.3
L5420.3	505416.9	5410440.5	75441.10156	454.12	0	48.846912	-86.926166	56779.08	56247.1	2.94	56782.02	56782.52734	56769.13340	56862.69141	505416.9	5410440.5
L5420.3	505417.0	5410439.8	75441.20313	452.63	0	48.846905	-86.926166	56778.45	56247.1	2.94	56781.40	56781.83203	56768.77290	56859.69922	505417.0	5410439.8
L5420.3	505417.0	5410439.8	75441.29688	451.32	0	48.846905	-86.926166	56778.40	56247.1	2.94	56781.34	56781.69922	56780.57928	56868.88281	505417.0	5410439.8
L5420.3	505417.0	5410439.2	75441.39844	453.50	0	48.846900	-86.926165	56777.50	56247.1	2.94	56780.45	56780.73828	56774.37950	56860.08203	505417.0	5410439.2
L5420.3	505417.1	5410438.4	75441.50000	455.74	0	48.846893	-86.926164	56777.32	56247.1	2.94	56780.27	56780.48828	56783.61230	56866.72656	505417.1	5410438.4
L5420.3	505417.1	5410437.7	75441.60156	456.93	0	48.846886	-86.926164	56776.17	56247.1	2.95	56779.11	56779.25781	56771.59150	56852.13672	505417.1	5410437.7
L5420.3	505417.1	5410437.7	75441.70313	456.20	0	48.846886	-86.926164	56776.34	56247.1	2.95	56779.29	56779.37109	56788.69002	56866.68750	505417.1	5410437.7
L5420.3	505417.2	5410437.2	75441.79688	455.14	0	48.846881	-86.926163	56776.02	56247.1	2.95	56778.96	56778.97266	56794.74797	56870.21484	505417.2	5410437.2
L5420.3	505417.3	5410436.0	75441.89844	452.64	0	48.846871	-86.926161	56775.54	56247.1	2.95	56778.49	56778.43359	56797.80273	56870.76172	505417.3	5410436.0
L5420.3	505417.4	5410435.3	75442.00000	452.91	0	48.846865	-86.926160	56774.59	56247.1	2.95	56777.54	56777.42188	56790.47719	56860.95313	505417.4	5410435.3
L5420.3	505417.4	5410435.3	75442.10156	455.51	0	48.846865	-86.926160	56774.54	56247.1	2.95	56777.49	56777.30859	56802.73626	56870.75000	505417.4	5410435.3
L5420.3	505417.4	5410434.6	75442.20313	451.39	0	48.846858	-86.926160	56774.26	56247.1	2.94	56777.20	56776.95313	56809.83429	56875.41016	505417.4	5410434.6
L5420.3	505417.5	5410433.7	75442.29688	449.73	0	48.846851	-86.926159	56773.52	56247.1	2.94	56776.46	56776.15234	56807.21633	56870.38281	505417.5	5410433.7
L5420.3	505417.5	5410433.0	75442.39844	451.73	0	48.846844	-86.926158	56773.20	56247.1	2.94	56776.14	56775.77344	56813.77468	56874.55469	505417.5	5410433.0
L5420.3	505417.5	5410433.0	75442.50000	450.93	0	48.846844	-86.926158	56772.92	56247.1	2.93	56775.86	56775.43750	56821.26339	56879.68750	505417.5	5410433.0
L5420.3	505417.6	5410431.8	75442.60156	450.36	0	48.846833	-86.926158	56773.02	56247.1	2.93	56775.95	56775.46875	56836.85088	56892.94531	505417.6	5410431.8
L5420.3	505417.6	5410431.8	75442.70313	450.03	0	48.846833	-86.926158	56771.91	56247.1	2.93	56774.84	56774.30469	56826.45544	56880.25391	505417.6	5410431.8
L5420.3	505417.6	5410430.7	75442.79688	451.86	0	48.846823	-86.926157	56770.76	56247.1	2.93	56773.68	56773.08984	56815.04784	56866.57813	505417.6	5410430.7
L5420.3	505417.7	5410429.8	75442.89844	450.58	0	48.846815	-86.926156	56768.98	56247.1	2.92	56771.90	56771.25781	56790.25658	56839.54688	505417.7	5410429.8
L5420.3	505417.7	5410429.1	75443.00000	451.95	0	48.846809	-86.926156	56768.59	56247.1	2.92	56771.51	56770.82031	56795.72312	56842.80859	505417.7	5410429.1
L5420.3	505417.7	5410429.1	75443.10156	450.98	0	48.846809	-86.926156	56768.30	56247.1	2.92	56771.22	56770.48047	56803.44409	56848.35547	505417.7	5410429.1
L5420.3	505417.7	5410428.1	75443.20313	450.79	0	48.846799	-86.926155	56767.88	56247.1	2.92	56770.80	56770.01563	56808.42902	56851.19922	505417.7	5410428.1
L5420.3	505417.7	5410427.0	75443.29688	453.45	0	48.846790	-86.926155	56767.85	56247.1	2.92	56770.77	56769.94141	56821.97017	56862.63672	505417.7	5410427.0
L5420.3	505417.7	5410427.0	75443.39844	451.33	0	48.846790	-86.926155	56766.82	56247.1	2.92	56769.74	56768.86719	56813.89249	56852.48828	505417.7	5410427.0
L5420.3	505417.8	5410426.2	75443.50000	450.98	0	48.846782	-86.926155	56766.53	56247.1	2.93	56769.46	56768.54688	56822.19170	56858.75000	505417.8	5410426.2
L5420.3	505417.8	5410425.3	75443.60156	450.58	0	48.846774	-86.926155	56765.02	56247.1	2.93	56767.95	56767.00000	56803.88311	56838.44531	505417.8	5410425.3
L5420.3	505417.8	5410425.3	75443.70313	448.23	0	48.846774	-86.926155	56764.75	56247.1	2.93	56767.68	56766.69531	56812.59353	56845.19141	505417.8	5410425.3
L5420.3	505417.8	5410424.4	75443.79688	447.63	0	48.846766	-86.926155	56762.85	56247.1	2.93	56765.78	56764.75781	56786.01542	56816.68750	505417.8	5410424.4
L5420.3	505417.8	5410423.3	75443.89844	447.46	0	48.846756	-86.926154	56762.34	56247.1	2.93	56765.27	56764.21484	56789.71586	56818.50391	505417.8	5410423.3
L5420.3	505417.8	5410423.3	75444.00000	446.80	0	48.846756	-86.926154	56761.22	56247.1	2.93	56764.15	56763.06641	56780.27489	56807.21094	505417.8	5410423.3
L5420.3	505417.8	5410422.1	75444.10156	450.35	0	48.846745	-86.926154	56760.25	56247.1	2.93	56763.18	56762.06641	56774.19332	56799.32031	505417.8	5410422.1
L5420.3	505417.8	5410421.1	75444.20313	448.22	0	48.846737	-86.926154	56759.66	56247.1	2.93	56762.59	56761.45313	56776.46505	56799.82031	505417.8	5410421.1
L5420.3	505417.9	5410420.2	75444.29688	449.30	0	48.846728	-86.926154	56759.04	56247.1	2.93	56761.97	56760.80859	56778.18900	56799.81250	505417.9	5410420.2
L5420.3	505417.9	5410419.2	75444.39844	449.41	0	48.846719	-86.926154	56759.08	56247.1	2.93	56762.01	56760.82422	56794.34532	56814.27734	505417.9	5410419.2
L5420.3	505417.9	5410419.2	75444.50000	448.73	0	48.846719	-86.926154	56757.54	56247.1	2.93	56760.47	56759.26563	56776.30208	56794.58203	505417.9	5410419.2
L5420.3	505417.9	5410417.5	75444.60156	451.97	0	48.846705	-86.926154	56757.29	56247.1	2.93	56760.22	56758.99609	56786.36770	56803.03906	505417.9	5410417.5
L5420.3	505417.9	5410416.4	75444.70313	451.43	0	48.846695	-86.926154	56755.38	56247.1	2.93	56758.31	56757.07422	56760.49516	56775.59766	505417.9	5410416.4
L5420.3	505417.9	5410416.4	75444.79688	451.19	0	48.846695	-86.926154	56754.69	56247.1	2.93	56757.62	56756.36719	56761.20935	56774.78125	505417.9	5410416.4
L5420.3	505417.9	5410415.4	75444.89844	451.18	0	48.846686	-86.926153	56753.43	56247.1	2.93	56756.36	56755.09766	56749.64677	56761.73047	505417.9	5410415.4
L5420.3	505417.9	5410414.3	75445.00000	450.21	0	48.846675	-86.926153	56753.56	56247.1	2.93	56756.49	56755.21875	56768.35798	56778.99609	505417.9	5410414.3
L5420.3	505417.9	5410413.5	75445.10156	450.14	0	48.846668	-86.926153	56752.86	56247.1	2.93	56755.79	56754.51172	56769.14329	56778.37891	505417.9	5410413.5
L5420.3	505417.9	5410413.5	75445.20313	451.69	0	48.846668	-86.926153	56751.63	56247.1	2.93	56754.56	56753.27734	56758.51313	56766.38672	505417.9	5410413.5
L5420.3	505417.9	5410412.1	75445.29688	451.05	0	48.846656	-86.926153	56751.70	56247.1	2.93	56754.63	56753.34375	56776.19470	56782.74609	505417.9	5410412.1
L5420.3	505418.0	5410411.0	75445.39844	450.04	0	48.846646	-86.926153	56750.24	56247.1	2.93	56753.17	56751.88281	56760.74385	56766.01563	505418.0	5410411.0
L5420.3	505418.0	5410410.2	75445.50000	451.57	0	48.846638	-86.926152	56749.97	56247.1	2.93	56752.90	56751.61719	56771.20943	56775.24219	505418.0	5410410.2
L5420.3	505418.0	5410410.2	75445.60156	450.79	0	48.846638	-86.926152	56747.94	56247.1	2.93	56750.87	56749.58984	56743.54135	56746.37891	505418.0	5410410.2
L5420.3	505418.0	5410409.2	75445.70313	454.12	0	48.846630	-86.926152	56747.70	56247.1	2.93	56750.63	56749.35547	56754.80750	56756.48828	505418.0	5410409.2
L5420.3	505418.0	5410407.8	75445.79688	452.90	0	48.846617	-86.926152	56746.09	56247.1	2.93	56749.02	56747.75391	56736.39791	56736.96875	505418.0	5410407.8
L5420.3	505418.0	5410407.8	75445.89844	450.65	0	48.846617	-86.926152	56745.60	56247.1	2.93	56748.53	56747.27344	56742.36662	56741.86328	505418.0	5410407.8
L5420.3	505418.1	5410406.7	75446.10156	448.22	0	48.846608	-86.926151	56744.81	56247.1	2.93	56747.73	56746.48438	56741.66216	56740.12891	505418.1	5410406.7
L5420.3	505418.1	5410405.8	75446.10156	448.52	0	48.846600	-86.926151	56743.89	56247.1	2.93	56746.82	56745.58984	56738.62087	56736.09766	505418.1	5410405.8
L5420.3	505418.1	5410404.7	75446.20313	449.12	0	48.846589	-86.926150	56743.54	56247.1	2.93	56746.47	56745.25781	56747.78266	56744.30859	505418.1	5410404.7
L5420.3	505418.1	5410404.7	75446.29688	448.53	0	48.846589	-86.926150	56742.15	56247.1	2.93	56745.08	56743.88281	56734.40431	56730.02344	505418.1	5410404.7
L5420.3	505418.1	5410403.3	75446.39844	450.20	0	48.846576	-86.926150	56742.09	56247.1	2.93	56745.01	56743.83203	56749.71584	56744.46484	505418.1	5410403.3
L5420.3	505418.2	5410402.0	75446.50000	449.58	0	48.846565	-86.926150	56740.60	56247.1	2.92	56743.53	56742.37500	56734.44050	56728.35938	505418.2	5410402.0
L5420.3	505418.2	5410402.0	75446.60156	452.32	0	48.846565	-86.926150	56740.27	56247.1	2.92	56743.19	56742.05859	56743.93273	56737.06250	505418.2	5410402.0
L5420.3	505418.2	5410400.8	75446.70313	453.96	0	48.846554	-86.926150	56738.96	56247.1	2.92	56741.88	56740.77344	56732.37567	56724.75000	505418.2	5410400.8
L5420.3	505418.2	5410400.8	75446.79688	454.57	0	48.846554	-86.926150	56738.28	56247.1	2.92	56741.20	56740.12109	56734.49816	56726.16016	505418.2	5410400.8
L5420.3	505418.2	5410399.6	75446.89844	454.48	0	48.846543	-86.926149	56737.36	56247.1	2.92	56740.28	56739.23047	56731.40384	56722.39063	505418.2	5410399.6
L5420.3	505418.2	5410398.0	75447.00000	454.01	0	48.846529	-86.926149	56736.23	56247.1	2.92	56739.15	56738.12891	56723.73547	56714.08594	505418.2	5410398.0
L5420.3	505418.2	5410398.0	75447.10156	451.07	0	48.846529	-86.926149	56735.73	56247.1	2.92	56738.65	56737.66016	56729.72112	56719.46875	505418.2	5410398.0
L5420.3	505418.2	5410396.9	75447.20313	450.49	0	48.846519	-86.926149	56734.24	56247.1	2.92	56737.16	56736.20313	56714.18071	56703.36328	505418.2	5410396.9
L5420.3	505418.2	5410395.6	75447.29688	452.72	0	48.846507	-86.926149	56733.93	56247.1	2.92	56736.85	56735.92969	56724.21676	56712.87109	505418.2	5410395.6
L5420.3	505418.2	5410395.6	75447.39844	454.27	0	48.846507	-86.926149	56732.54	56247.1	2.92	56735.45	56734.56641	56710.53692	56698.69922	505418.2	5410395.6
L5420.3	505418.3	5410394.3	75447.50000	455.85	0	48.846496	-86.926149	56731.62	56247.1	2.92	56734.53	56733.68359	56707.21694	56694.91797	505418.3	5410394.3
L5420.3	505418.3	5410393.2	75447.60156	455.24	0	48.846486	-86.926148	56730.54	56247.1	2.91	56733.45	56732.64063	56700.35216	56687.62891	505418.3	5410393.2
L5420.3	505418.3	5410393.2	75447.70313	454.79	0	48.846486	-86.926148	56730.27	56247.1	2.91	56733.18	56732.41016	56710.99164	56697.87500	505418.3	5410393.2
L5420.3	505418.3	5410392.3	75447.79688	455.58	0	48.846477	-86.926148	56729.82	56247.1	2.91	56732.73	56732.00000	56717.63166	56704.15625	505418.3	5410392.3
L5420.3	505418.3	5410391.0	75447.89844	454.20	0	48.846466	-86.926148	56729.17	56247.1	2.91	56732.08	56731.39063	56719.82752	56706.02344	505418.3	5410391.0
L5420.3	505418.3	5410391.0	75448.00000	453.16	0	48.846466	-86.926148	56728.47	56247.1	2.91	56731.38	56730.73438	56720.82517	56706.72266	505418.3	5410391.0
L5420.3	505418.3	5410389.7	75448.10156	451.93	0	48.846454	-86.926148	56726.90	56247.1	2.91	56729.81	56729.20703	56702.81123	56688.44141	505418.3	5410389.7
L5420.3	505418.3	5410388.8	75448.20313	450.02	0	48.846446	-86.926148	56726.28	56247.1	2.91	56729.19	56728.63281	56705.28790	56690.67969	505418.3	5410388.8
L5420.3	505418.3	5410387.4	75448.29688	450.29	0	48.846434	-86.926148	56724.90	56247.1	2.91	56727.81	56727.29688	56691.11922	56676.30469	505418.3	5410387.4
L5420.3	505418.4	5410386.2	75448.39844	447.92	0	48.846423	-86.926147	56724.40	56247.1	2.91	56727.31	56726.84375	56695.89931	56680.90234	505418.4	5410386.2
L5420.3	505418.4	5410386.2	75448.50000	448.09	0	48.846423	-86.926147	56723.35	56247.1	2.91	56726.26	56725.83594	56688.57098	56673.42188	505418.4	5410386.2
L5420.3	505418.4	5410384.6	75448.60156	446.77	0	48.846408	-86.926147	56722.68	56247.1	2.91	56725.59	56725.21484	56689.31374	56674.03516	505418.4	5410384.6
L5420.3	505418.4	5410383.4	75448.70313	447.68	0	48.846398	-86.926147	56721.64	56247.1	2.91	56724.56	56724.23047	56682.05055	56666.66797	505418.4	5410383.4
L5420.3	505418.4	5410383.4	75448.79688	446.88	0	48.846398	-86.926147	56720.08	56247.1	2.91	56722.99	56722.70703	56662.86218	56647.40234	505418.4	5410383.4

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5420.3	505418.4	5410381.9	75448.89844	447.49	0	48.846384	-86.926147	56719.82	56247.1	2.91	56722.73	56722.49219	56671.90174	56656.39063	505418.4	5410381.9
L5420.3	505418.4	5410380.4	75449.00000	445.49	0	48.846371	-86.926147	56718.70	56247.1	2.91	56721.61	56721.41797	56662.04610	56646.50000	505418.4	5410380.4
L5420.3	505418.4	5410380.4	75449.10156	445.04	0	48.846371	-86.926147	56718.89	56247.1	2.91	56721.79	56721.64453	56680.17864	56664.62109	505418.4	5410380.4
L5420.3	505418.4	5410379.2	75449.20313	445.24	0	48.846359	-86.926147	56717.56	56247.1	2.90	56720.46	56720.35938	56665.28156	56649.73438	505418.4	5410379.2
L5420.3	505418.4	5410378.0	75449.29688	448.49	0	48.846349	-86.926147	56716.76	56247.1	2.90	56719.66	56719.60547	56661.63306	56646.11719	505418.4	5410378.0
L5420.3	505418.4	5410378.0	75449.39844	445.27	0	48.846349	-86.926147	56715.82	56247.1	2.90	56718.72	56718.71094	56654.67596	56639.21094	505418.4	5410378.0
L5420.3	505418.4	5410376.8	75449.50000	446.96	0	48.846338	-86.926147	56715.61	56247.1	2.90	56718.50	56718.53516	56663.07020	56647.67188	505418.4	5410376.8
L5420.3	505418.4	5410375.4	75449.60156	448.75	0	48.846326	-86.926147	56714.88	56247.1	2.89	56717.77	56717.84766	56660.10089	56644.78516	505418.4	5410375.4
L5420.3	505418.4	5410375.4	75449.70313	450.18	0	48.846326	-86.926147	56713.88	56247.1	2.89	56716.76	56716.88281	56650.75059	56635.53516	505418.4	5410375.4
L5420.3	505418.4	5410374.4	75449.79688	450.45	0	48.846317	-86.926147	56713.84	56247.1	2.89	56716.73	56716.89453	56662.36379	56647.26563	505418.4	5410374.4
L5420.3	505418.3	5410372.8	75449.89844	451.82	0	48.846302	-86.926148	56712.64	56247.1	2.88	56715.53	56715.73438	56648.25235	56633.28125	505418.3	5410372.8
L5420.3	505418.3	5410372.8	75450.00000	452.83	0	48.846302	-86.926148	56712.27	56247.1	2.88	56715.15	56715.39453	56651.60973	56636.78125	505418.3	5410372.8
L5420.3	505418.3	5410370.3	75450.10156	454.42	0	48.846279	-86.926148	56710.96	56247.1	2.88	56713.84	56714.12109	56634.43231	56619.75781	505418.3	5410370.3
L5420.3	505418.3	5410370.3	75450.20313	454.26	0	48.846279	-86.926148	56710.95	56247.1	2.88	56713.83	56714.14844	56645.12447	56630.61719	505418.3	5410370.3
L5420.3	505418.3	5410368.9	75450.29688	453.46	0	48.846267	-86.926148	56710.02	56247.1	2.87	56712.89	56713.24219	56635.26195	56620.92969	505418.3	5410368.9
L5420.3	505418.3	5410367.4	75450.39844	452.66	0	48.846254	-86.926148	56709.65	56247.1	2.87	56712.52	56712.90625	56637.40086	56623.25391	505418.3	5410367.4
L5420.3	505418.3	5410367.4	75450.50000	449.80	0	48.846254	-86.926148	56709.00	56247.1	2.87	56711.87	56712.28516	56633.07790	56619.12500	505418.3	5410367.4
L5420.3	505418.3	5410365.6	75450.60156	450.49	0	48.846238	-86.926148	56708.36	56247.1	2.87	56711.23	56711.67578	56628.57998	56614.82813	505418.3	5410365.6
L5420.3	505418.3	5410365.6	75450.70313	450.71	0	48.846238	-86.926148	56708.41	56247.1	2.87	56711.28	56711.75391	56638.66135	56625.11719	505418.3	5410365.6
L5420.3	505418.3	5410364.5	75450.79688	449.62	0	48.846228	-86.926148	56707.38	56247.1	2.86	56710.24	56710.73828	56624.66870	56611.33594	505418.3	5410364.5
L5420.3	505418.3	5410363.2	75450.89844	450.76	0	48.846216	-86.926148	56707.21	56247.1	2.86	56710.07	56710.58984	56629.14631	56616.03125	505418.3	5410363.2
L5420.3	505418.4	5410361.8	75451.00000	451.56	0	48.846204	-86.926148	56706.61	56247.1	2.86	56709.47	56710.01172	56623.86250	56610.96875	505418.4	5410361.8
L5420.3	505418.4	5410361.8	75451.10156	451.76	0	48.846204	-86.926148	56707.18	56247.1	2.86	56710.04	56710.59766	56643.54634	56630.87500	505418.4	5410361.8
L5420.3	505418.4	5410360.4	75451.20313	452.16	0	48.846191	-86.926147	56706.61	56247.1	2.86	56709.47	56710.04297	56638.03918	56625.58984	505418.4	5410360.4
L5420.3	505418.4	5410359.2	75451.29688	451.11	0	48.846180	-86.926147	56706.21	56247.1	2.86	56709.07	56709.65234	56635.77470	56623.55078	505418.4	5410359.2
L5420.3	505418.4	5410357.8	75451.39844	451.19	0	48.846167	-86.926147	56705.65	56247.1	2.86	56708.50	56709.08984	56629.36460	56617.36719	505418.4	5410357.8
L5420.3	505418.4	5410357.8	75451.50000	451.55	0	48.846167	-86.926147	56705.09	56247.1	2.86	56707.95	56708.54688	56622.92747	56611.15625	505418.4	5410357.8
L5420.3	505418.5	5410356.3	75451.60156	453.29	0	48.846154	-86.926146	56705.30	56247.1	2.85	56708.15	56708.74609	56632.30595	56620.75391	505418.5	5410356.3
L5420.3	505418.5	5410356.3	75451.70313	452.10	0	48.846154	-86.926146	56704.75	56247.1	2.85	56707.60	56708.19531	56624.92860	56613.59766	505418.5	5410356.3
L5420.3	505418.5	5410354.8	75451.79688	450.03	0	48.846140	-86.926146	56704.89	56247.1	2.85	56707.74	56708.32813	56632.05325	56620.93750	505418.5	5410354.8
L5420.3	505418.5	5410353.3	75451.89844	449.27	0	48.846127	-86.926145	56703.98	56247.1	2.85	56706.83	56707.41016	56615.89868	56604.99609	505418.5	5410353.3
L5420.3	505418.5	5410353.3	75452.00000	449.66	0	48.846127	-86.926145	56704.07	56247.2	2.85	56706.92	56707.48438	56620.96687	56610.26953	505418.5	5410353.3
L5420.3	505418.6	5410351.8	75452.10156	448.62	0	48.846114	-86.926144	56703.75	56247.1	2.85	56706.60	56707.14844	56616.64184	56606.14453	505418.6	5410351.8
L5420.3	505418.6	5410350.3	75452.20313	448.20	0	48.846100	-86.926144	56703.86	56247.1	2.85	56706.71	56707.23828	56621.15663	56610.85156	505418.6	5410350.3
L5420.3	505418.7	5410349.1	75452.29688	448.63	0	48.846089	-86.926143	56703.80	56247.1	2.86	56706.66	56707.16016	56621.69866	56611.57813	505418.7	5410349.1
L5420.3	505418.7	5410349.1	75452.39844	449.66	0	48.846089	-86.926143	56703.71	56247.1	2.86	56706.57	56707.03906	56620.87020	56610.92578	505418.7	5410349.1
L5420.3	505418.7	5410347.9	75452.50000	447.30	0	48.846078	-86.926143	56703.77	56247.1	2.86	56706.63	56707.06641	56622.79365	56613.01953	505418.7	5410347.9
L5420.3	505418.7	5410346.9	75452.60156	447.11	0	48.846070	-86.926143	56703.14	56247.1	2.86	56706.00	56706.39453	56609.22998	56599.61328	505418.7	5410346.9
L5420.3	505418.7	5410346.9	75452.70313	445.87	0	48.846070	-86.926143	56703.42	56247.1	2.86	56706.28	56706.62891	56614.91423	56605.44531	505418.7	5410346.9
L5420.3	505418.8	5410344.9	75452.79688	445.69	0	48.846051	-86.926142	56703.52	56247.1	2.87	56706.39	56706.69141	56616.39764	56607.06250	505418.8	5410344.9
L5420.3	505418.8	5410343.7	75452.89844	445.93	0	48.846040	-86.926142	56703.54	56247.1	2.87	56706.41	56706.65625	56615.41608	56606.20703	505418.8	5410343.7
L5420.3	505418.8	5410342.4	75453.00000	446.80	0	48.846028	-86.926142	56703.21	56247.1	2.87	56706.08	56706.26563	56606.32422	56597.23047	505418.8	5410342.4
L5420.3	505418.8	5410342.4	75453.10156	448.05	0	48.846028	-86.926142	56702.63	56247.1	2.87	56705.49	56705.61328	56591.07582	56582.08203	505418.8	5410342.4
L5420.3	505418.8	5410340.9	75453.20313	450.18	0	48.846015	-86.926141	56702.88	56247.1	2.87	56705.75	56705.80078	56593.76975	56584.85938	505418.8	5410340.9
L5420.3	505418.9	5410339.3	75453.29688	450.87	0	48.846001	-86.926141	56702.93	56247.1	2.87	56705.79	56705.76563	56591.17636	56582.33984	505418.9	5410339.3
L5420.3	505418.9	5410337.9	75453.39844	450.12	0	48.845989	-86.926141	56704.11	56247.1	2.87	56706.97	56706.86328	56612.82295	56604.04297	505418.9	5410337.9
L5420.3	505418.9	5410337.9	75453.50000	448.95	0	48.845989	-86.926141	56703.99	56247.1	2.87	56706.86	56706.66406	56605.95435	56597.21875	505418.9	5410337.9
L5420.3	505418.9	5410336.2	75453.60156	449.73	0	48.845973	-86.926140	56704.88	56247.1	2.86	56707.74	56707.45313	56620.07230	56611.36328	505418.9	5410336.2
L5420.3	505418.9	5410336.2	75453.70313	451.45	0	48.845973	-86.926140	56704.79	56247.1	2.86	56707.65	56707.26172	56612.62633	56603.92578	505418.9	5410336.2
L5420.3	505419.0	5410334.4	75453.79688	451.57	0	48.845957	-86.926140	56705.34	56247.1	2.86	56708.20	56707.70703	56618.57289	56609.86719	505419.0	5410334.4
L5420.3	505419.0	5410333.1	75453.89844	451.39	0	48.845945	-86.926139	56705.27	56247.1	2.86	56708.13	56707.52734	56610.55962	56601.83203	505419.0	5410333.1
L5420.3	505419.0	5410333.1	75454.00000	454.18	0	48.845945	-86.926139	56705.27	56247.1	2.86	56708.13	56707.41016	56603.57000	56594.80469	505419.0	5410333.1
L5420.3	505419.1	5410331.5	75454.10156	451.46	0	48.845931	-86.926139	56706.20	56247.1	2.86	56709.06	56708.21484	56616.27868	56607.45703	505419.1	5410331.5
L5420.3	505419.1	5410331.5	75454.20313	451.10	0	48.845931	-86.926139	56706.40	56247.1	2.86	56709.26	56708.28516	56612.65015	56603.75000	505419.1	5410331.5
L5420.3	505419.1	5410330.0	75454.29688	449.20	0	48.845917	-86.926138	56707.26	56247.1	2.86	56710.11	56708.99609	56622.64921	56613.65625	505419.1	5410330.0
L5420.3	505419.1	5410328.6	75454.39844	450.93	0	48.845904	-86.926137	56707.48	56247.1	2.86	56710.33	56709.07422	56618.49100	56609.38672	505419.1	5410328.6
L5420.3	505419.2	5410327.2	75454.50000	448.48	0	48.845892	-86.926137	56708.52	56247.1	2.85	56711.37	56709.96484	56631.66072	56622.42969	505419.2	5410327.2
L5420.3	505419.2	5410326.0	75454.60156	448.27	0	48.845881	-86.926137	56708.24	56247.1	2.85	56711.09	56709.52734	56615.70311	56606.32031	505419.2	5410326.0
L5420.3	505419.2	5410326.0	75454.70313	448.08	0	48.845881	-86.926137	56709.14	56247.1	2.85	56711.99	56710.26563	56624.90001	56615.35156	505419.2	5410326.0
L5420.3	505419.2	5410324.4	75454.79688	449.99	0	48.845867	-86.926136	56709.82	56247.1	2.85	56712.68	56710.78516	56629.07965	56619.34375	505419.2	5410324.4
L5420.3	505419.2	5410323.3	75454.89844	449.27	0	48.845857	-86.926136	56710.64	56247.1	2.85	56713.49	56711.41797	56635.41265	56625.46875	505419.2	5410323.3
L5420.3	505419.2	5410323.3	75455.00000	449.01	0	48.845857	-86.926136	56711.50	56247.2	2.85	56714.35	56712.09375	56642.38566	56632.21875	505419.2	5410323.3
L5420.3	505419.3	5410321.9	75455.10156	449.16	0	48.845845	-86.926136	56711.91	56247.1	2.85	56714.76	56712.31250	56639.15013	56628.73438	505419.3	5410321.9
L5420.3	505419.3	5410320.3	75455.20313	449.62	0	48.845830	-86.926136	56713.59	56247.1	2.85	56716.45	56713.80859	56663.27214	56652.58984	505419.3	5410320.3
L5420.3	505419.3	5410319.1	75455.29688	449.24	0	48.845819	-86.926136	56713.40	56247.1	2.85	56716.25	56713.40234	56645.93657	56634.96875	505419.3	5410319.1
L5420.3	505419.3	5410319.1	75455.39844	450.92	0	48.845819	-86.926136	56714.72	56247.1	2.85	56717.57	56714.51172	56661.18365	56649.91406	505419.3	5410319.1
L5420.3	505419.3	5410317.5	75455.50000	450.17	0	48.845805	-86.926136	56714.57	56247.1	2.85	56717.42	56714.14453	56644.10660	56632.51172	505419.3	5410317.5
L5420.3	505419.3	5410317.5	75455.60156	449.97	0	48.845805	-86.926136	56715.66	56247.1	2.86	56718.52	56715.01953	56653.76583	56641.82422	505419.3	5410317.5
L5420.3	505419.2	5410316.0	75455.70313	447.82	0	48.845791	-86.926136	56716.49	56247.1	2.86	56719.35	56715.61719	56657.16942	56644.86328	505419.2	5410316.0
L5420.3	505419.2	5410314.6	75455.79688	448.16	0	48.845779	-86.926136	56717.61	56247.1	2.86	56720.46	56716.48828	56666.26636	56653.57813	505419.2	5410314.6
L5420.3	505419.2	5410314.6	75455.89844	449.14	0	48.845779	-86.926136	56718.95	56247.1	2.86	56721.81	56717.59375	56680.19666	56667.10547	505419.2	5410314.6
L5420.3	505419.2	5410311.9	75456.00000	448.06	0	48.845754	-86.926137	56719.75	56247.1	2.86	56722.61	56718.14063	56681.81757	56668.30469	505419.2	5410311.9
L5420.3	505419.2	5410311.9	75456.10156	448.16	0	48.845754	-86.926137	56721.46	56247.1	2.86	56724.32	56719.59375	56702.83517	56688.87891	505419.2	5410311.9
L5420.3	505419.2	5410310.6	75456.20313	449.22	0	48.845743	-86.926137	56721.86	56247.1	2.86	56724.71	56719.71875	56694.84391	56680.42578	505419.2	5410310.6
L5420.3	505419.2	5410309.1	75456.29688	449.31	0	48.845729	-86.926137	56723.17	56247.1	2.85	56726.02	56720.75391	56706.48432	56691.58594	505419.2	5410309.1
L5420.3	505419.1	5410307.3	75456.39844	451.13	0	48.845713	-86.926138	56722.76	56247.1	2.85	56725.61	56720.06641	56680.44980	56665.05469	505419.1	5410307.3
L5420.3	505419.1	5410307.3	75456.50000	451.34	0	48.845713	-86.926138	56724.12	56247.2	2.85	56726.97	56721.14063	56692.51925	56676.60547	505419.1	5410307.3
L5420.3	505419.1	5410306.3	75456.60156	450.89	0	48.845704	-86.926138	56724.84	56247.2	2.85	56727.68	56721.55859	56690.16259	56673.71484	505419.1	5410306.3
L5420.3	505419.1	5410305.0	75456.70313	448.25	0	48.845692	-86.926138	56726.50	56247.2	2.85	56729.35	56722.92969	56708.34317	56691.33984	505419.1	5410305.0
L5420.3	505419.1	5410303.6	75456.79688	449.02	0	48.845680	-86.926138	56727.46	56247.2	2.84	56730.31	56723.58594	56710.81395	56693.23828	505419.1	5410303.6
L5420.3	505419.1	5410303.6	75456.89844	448.91	0	48.845680	-86.926138	56728.02	56247.2	2.84	56730.86	56723.82422	56704.09767	56685.93750	505419.1	5410303.6
L5420.3	505419.1	5410302.1	75457.00000	446.57	0	48.845666	-86.926139	56729.29	56247.2	2.84	56732.13	56724.77734	56712.73682	56693.97266	505419.1	5410302.1
L5420.3	505419.1	5410300.7	75457.10156	445.40	0	48.845653	-86.926139	56730.06	56247.2	2.84	56732.90	56725.22266	56710.25430	56690.86719	505419.1	5410300.7
L5420.3	505419.1	5410300.7	75457.20313	444.78	0	48.845653	-86.926139	56731.87	56247.2	2.84	56734.71	56726.70313	56730.09400	56710.06641	505419.1	5410300.7
L5420.3	505419.0	5410299.1	75457.29688	446.12	0	48.845640	-86.926139	56732.75	56247.2	2.85	56735.60	56727.25781	56729.71308	56709.03125	505419.0	5410299.1
L5420.3	505419.0	5410297.9	75457.39844	449.11	0	48.845628	-86.926140	56734.24	56247.2	2.85	56737.09	56728.41016	56742.12131	56720.77344	505419.0	5410297.9
L5420.3	505419.0	5410296.4	75457.50000	448.68	0	48.845615	-86.926140	56735.14	56247.2	2.85	56737.99	56728.96094	56741.49297	56719.46094	505419.0	5410296.4
L5420.3	505419.0	5410296.4	75457.60156	448.76	0	48.845615	-86.926140	56736.33	56247.1	2.85	56739.18	56729.80078	56746.94310	56724.21484	505419.0	5410296.4
L5420.3	505419.0	5410294.8	75457.70313	450.20	0	48.845601	-86.926140	56736.81	56247.1	2.85	56739.66	56729.92578	56736.77098	56713.32813	505419.0	5410294.8
L5420.3	505419.0	5410293.5	75457.79688	452.07	0	48.845589	-86.926140	56737.82	56247.1	2.86	56740.68	56730.58203	56738.12453	56713.95703	505419.0	5410293.5
L5420.3	505419.0	5410293.5	75457.89844	450.90	0	48.845589	-86.926140	56739.19	56247.1	2.86	56742.05	56731.58594	56746.88851	56721.98438	505419.0	5410293.5
L5420.3	505419.0	5410291.7	75458.00000	450.43	0	48.845573	-86.926140	56740.52	56247.1	2.86	56743.38	56732.54297	56754.60555	56728.94922	505419.0	5410291.7
L5420.3	505419.0	5410290.4	75458.10156	449.16	0	48.845561	-86.926140	56741.92	56247.1	2.86	56744.78	56733.56641	56763.67350	56737.25391	505419.0	5410290.4

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5420.3	505419.0	5410290.4	75458.20313	445.70	0	48.845561	-86.926140	56742.97	56247.1	2.86	56745.83	56734.23828	56764.98361	56737.78906	505419.0	5410290.4
L5420.3	505419.0	5410288.4	75458.29688	446.59	0	48.845543	-86.926139	56744.79	56247.1	2.86	56747.65	56735.67188	56782.86125	56754.88281	505419.0	5410288.4
L5420.3	505419.1	5410287.0	75458.39844	445.22	0	48.845530	-86.926139	56746.14	56247.1	2.86	56749.00	56736.63672	56790.39493	56761.62109	505419.1	5410287.0
L5420.3	505419.1	5410287.0	75458.50000	446.56	0	48.845530	-86.926139	56746.84	56247.1	2.85	56749.69	56736.93359	56783.46916	56753.89063	505419.1	5410287.0
L5420.3	505419.1	5410285.6	75458.60156	445.98	0	48.845518	-86.926139	56747.50	56247.1	2.85	56750.35	56737.19531	56775.77099	56745.37891	505419.1	5410285.6
L5420.3	505419.1	5410284.3	75458.70313	445.14	0	48.845506	-86.926138	56747.94	56247.1	2.85	56750.79	56737.23828	56763.18476	56731.96875	505419.1	5410284.3
L5420.3	505419.1	5410284.3	75458.79688	446.63	0	48.845506	-86.926138	56749.25	56247.1	2.85	56752.11	56738.15625	56769.60133	56737.55469	505419.1	5410284.3
L5420.3	505419.2	5410282.6	75458.89844	445.93	0	48.845491	-86.926138	56750.02	56247.1	2.85	56752.87	56738.51172	56763.76675	56730.88672	505419.2	5410282.6
L5420.3	505419.2	5410281.1	75459.00000	446.65	0	48.845477	-86.926137	56751.29	56247.2	2.85	56754.14	56739.37500	56768.92039	56735.19531	505419.2	5410281.1
L5420.3	505419.2	5410279.9	75459.10156	444.36	0	48.845467	-86.926137	56752.39	56247.2	2.85	56755.24	56740.06250	56770.30813	56735.73438	505419.2	5410279.9
L5420.3	505419.2	5410279.9	75459.20313	443.91	0	48.845467	-86.926137	56754.25	56247.2	2.85	56757.10	56741.51172	56788.12969	56752.69922	505419.2	5410279.9
L5420.3	505419.2	5410278.6	75459.29688	442.50	0	48.845455	-86.926137	56755.70	56247.2	2.85	56758.55	56742.54688	56796.99261	56760.70313	505419.2	5410278.6
L5420.3	505419.3	5410277.0	75459.39844	444.05	0	48.845440	-86.926136	56756.87	56247.2	2.85	56759.72	56743.30078	56799.72800	56762.57813	505419.3	5410277.0
L5420.3	505419.3	5410277.0	75459.50000	446.64	0	48.845440	-86.926136	56757.84	56247.2	2.85	56760.69	56743.85547	56798.08136	56760.06641	505419.3	5410277.0
L5420.3	505419.3	5410275.4	75459.60156	448.56	0	48.845426	-86.926136	56759.06	56247.2	2.85	56761.91	56744.65625	56801.83095	56762.94531	505419.3	5410275.4
L5420.3	505419.3	5410274.1	75459.70313	447.16	0	48.845415	-86.926136	56760.64	56247.2	2.85	56763.49	56745.82031	56813.37337	56773.61719	505419.3	5410274.1
L5420.3	505419.3	5410272.6	75459.79688	445.34	0	48.845401	-86.926136	56761.67	56247.2	2.85	56764.52	56746.42969	56812.96040	56772.33203	505419.3	5410272.6
L5420.3	505419.3	5410272.6	75459.89844	443.89	0	48.845401	-86.926136	56762.95	56247.2	2.85	56765.80	56747.28906	56817.96866	56776.47266	505419.3	5410272.6
L5420.3	505419.3	5410270.9	75460.00000	441.48	0	48.845385	-86.926136	56763.65	56247.2	2.85	56766.50	56747.57031	56810.38656	56768.01953	505419.3	5410270.9
L5420.3	505419.3	5410269.6	75460.10156	441.75	0	48.845374	-86.926136	56765.06	56247.2	2.85	56767.91	56748.56250	56818.22866	56774.98828	505419.3	5410269.6
L5420.3	505419.3	5410269.6	75460.20313	446.06	0	48.845374	-86.926136	56766.48	56247.2	2.85	56769.33	56749.56250	56826.30551	56782.19531	505419.3	5410269.6
L5420.3	505419.3	5410268.2	75460.29688	446.62	0	48.845361	-86.926136	56767.66	56247.2	2.85	56770.51	56750.32813	56829.19726	56784.22266	505419.3	5410268.2
L5420.3	505419.3	5410266.5	75460.39844	450.98	0	48.845346	-86.926136	56768.77	56247.2	2.85	56771.62	56751.01953	56830.60239	56784.76563	505419.3	5410266.5
L5420.3	505419.3	5410266.5	75460.50000	450.89	0	48.845346	-86.926136	56769.94	56247.2	2.85	56772.79	56751.77734	56833.35083	56786.65625	505419.3	5410266.5
L5420.3	505419.3	5410264.9	75460.60156	450.63	0	48.845331	-86.926136	56770.95	56247.2	2.85	56773.80	56752.37500	56832.67371	56785.12109	505419.3	5410264.9
L5420.3	505419.3	5410263.9	75460.70313	448.42	0	48.845322	-86.926136	56771.96	56247.2	2.85	56774.81	56752.97266	56832.05209	56783.65234	505419.3	5410263.9
L5420.3	505419.4	5410262.6	75460.79688	448.65	0	48.845311	-86.926135	56773.18	56247.2	2.85	56776.03	56753.78516	56836.05238	56786.80859	505419.4	5410262.6
L5420.3	505419.4	5410262.6	75460.89844	446.77	0	48.845311	-86.926135	56774.36	56247.2	2.85	56777.21	56754.56250	56839.25411	56789.17578	505419.4	5410262.6
L5420.3	505419.4	5410259.4	75461.00000	446.34	0	48.845282	-86.926135	56775.64	56247.2	2.85	56778.49	56755.43750	56844.70376	56793.79297	505419.4	5410259.4
L5420.3	505419.4	5410259.4	75461.10156	445.82	0	48.845282	-86.926135	56776.76	56247.1	2.85	56779.61	56756.16016	56846.76351	56795.03125	505419.4	5410259.4
L5420.3	505419.4	5410258.0	75461.20313	445.78	0	48.845270	-86.926135	56777.78	56247.1	2.86	56780.64	56756.79688	56846.95990	56794.41406	505419.4	5410258.0
L5420.3	505419.4	5410256.5	75461.29688	446.28	0	48.845256	-86.926135	56778.97	56247.1	2.86	56781.83	56757.59375	56850.72727	56797.37891	505419.4	5410256.5
L5420.3	505419.4	5410255.3	75461.39844	445.09	0	48.845246	-86.926135	56780.64	56247.1	2.86	56783.51	56758.88672	56865.23667	56811.09375	505419.4	5410255.3
L5420.3	505419.4	5410255.3	75461.50000	443.68	0	48.845246	-86.926135	56782.41	56247.1	2.86	56785.28	56760.27734	56881.81040	56826.88281	505419.4	5410255.3
L5420.3	505419.4	5410254.3	75461.60156	445.31	0	48.845236	-86.926135	56783.09	56247.1	2.87	56785.96	56760.57813	56874.83647	56819.13672	505419.4	5410254.3
L5420.3	505419.4	5410252.8	75461.70313	443.77	0	48.845222	-86.926135	56784.07	56247.1	2.87	56786.95	56761.19531	56874.71586	56818.25391	505419.4	5410252.8
L5420.3	505419.4	5410252.8	75461.79688	445.98	0	48.845222	-86.926135	56784.96	56247.1	2.87	56787.83	56761.71094	56872.33637	56815.12891	505419.4	5410252.8
L5420.3	505419.3	5410251.3	75461.89844	445.89	0	48.845209	-86.926136	56785.54	56247.1	2.88	56788.42	56761.94141	56863.79621	56805.85547	505419.3	5410251.3
L5420.3	505419.3	5410249.8	75462.00000	443.99	0	48.845196	-86.926136	56786.64	56247.1	2.88	56789.52	56762.68750	56866.46979	56807.80469	505419.3	5410249.8
L5420.3	505419.3	5410248.3	75462.10156	444.34	0	48.845182	-86.926137	56788.22	56247.1	2.88	56791.10	56763.91797	56879.71170	56820.33984	505419.3	5410248.3
L5420.3	505419.3	5410248.3	75462.20313	444.98	0	48.845182	-86.926137	56789.73	56247.1	2.88	56792.61	56765.08984	56891.58699	56831.51953	505419.3	5410248.3
L5420.3	505419.2	5410246.4	75462.29688	447.87	0	48.845165	-86.926138	56790.23	56247.1	2.88	56793.11	56765.25391	56881.69351	56820.95313	505419.2	5410246.4
L5420.3	505419.1	5410244.8	75462.39844	450.29	0	48.845151	-86.926139	56791.20	56247.1	2.88	56794.09	56765.90625	56882.38557	56820.98438	505419.1	5410244.8
L5420.3	505419.1	5410244.8	75462.50000	451.01	0	48.845151	-86.926139	56791.87	56247.1	2.89	56794.76	56766.25781	56876.51741	56814.46875	505419.1	5410244.8
L5420.3	505419.1	5410243.1	75462.60156	454.20	0	48.845136	-86.926140	56793.65	56247.1	2.89	56796.54	56767.72656	56894.92344	56832.24609	505419.1	5410243.1
L5420.3	505419.0	5410241.6	75462.70313	454.20	0	48.845122	-86.926141	56794.31	56247.1	2.89	56797.20	56768.08594	56889.19460	56825.90234	505419.0	5410241.6
L5420.3	505418.9	5410240.6	75462.79688	453.93	0	48.845113	-86.926142	56795.40	56247.1	2.89	56798.29	56768.87891	56892.98750	56829.10547	505418.9	5410240.6
L5420.3	505418.9	5410240.6	75462.89844	456.59	0	48.845113	-86.926142	56796.09	56247.1	2.89	56798.98	56769.28516	56888.28764	56823.82813	505418.9	5410240.6
L5420.3	505418.8	5410239.0	75463.00000	458.55	0	48.845098	-86.926143	56797.66	56247.1	2.89	56800.55	56770.57813	56902.88961	56837.87500	505418.8	5410239.0
L5420.3	505418.8	5410237.6	75463.10156	459.73	0	48.845086	-86.926143	56798.70	56247.1	2.89	56801.59	56771.35156	56906.18668	56840.62891	505418.8	5410237.6
L5420.3	505418.7	5410236.3	75463.20313	460.43	0	48.845074	-86.926144	56799.46	56247.1	2.89	56802.35	56771.85156	56903.61146	56837.53516	505418.7	5410236.3
L5420.3	505418.7	5410236.3	75463.29688	457.78	0	48.845074	-86.926144	56800.37	56247.1	2.89	56803.25	56772.50391	56904.28728	56837.71484	505418.7	5410236.3
L5420.3	505418.6	5410234.5	75463.39844	456.24	0	48.845058	-86.926145	56800.79	56247.1	2.89	56803.67	56772.68359	56894.75849	56827.70703	505418.6	5410234.5
L5420.3	505418.6	5410234.5	75463.50000	455.86	0	48.845058	-86.926145	56802.29	56247.1	2.89	56805.18	56773.96484	56909.11534	56841.60547	505418.6	5410234.5
L5420.3	505418.6	5410232.7	75463.60156	454.25	0	48.845042	-86.926147	56803.38	56247.1	2.88	56806.26	56774.82813	56914.36258	56846.41406	505418.6	5410232.7
L5420.3	505418.5	5410231.6	75463.70313	453.97	0	48.845032	-86.926147	56804.72	56247.1	2.88	56807.61	56775.96875	56925.70218	56857.33594	505418.5	5410231.6
L5420.3	505418.5	5410230.0	75463.79688	451.83	0	48.845017	-86.926148	56805.08	56247.1	2.88	56807.96	56776.12500	56915.56637	56846.80469	505418.5	5410230.0
L5420.3	505418.5	5410230.0	75463.89844	451.26	0	48.845017	-86.926148	56806.39	56247.1	2.88	56809.28	56777.25781	56926.72934	56857.59766	505418.5	5410230.0
L5420.3	505418.4	5410228.6	75464.00000	450.43	0	48.845005	-86.926149	56807.16	56247.1	2.88	56810.04	56777.84375	56925.97844	56856.49219	505418.4	5410228.6
L5420.3	505418.4	5410226.9	75464.10156	452.91	0	48.844990	-86.926149	56808.58	56247.1	2.88	56811.46	56779.10156	56939.80485	56869.98828	505418.4	5410226.9
L5420.3	505418.4	5410226.9	75464.20313	455.37	0	48.844990	-86.926149	56809.05	56247.1	2.88	56811.93	56779.41797	56933.25895	56863.13281	505418.4	5410226.9
L5420.3	505418.3	5410225.3	75464.29688	456.47	0	48.844975	-86.926150	56809.23	56247.1	2.88	56812.11	56779.45703	56920.67389	56850.26563	505418.3	5410225.3
L5420.3	505418.3	5410223.9	75464.39844	454.89	0	48.844963	-86.926150	56809.85	56247.1	2.88	56812.73	56779.94922	56917.90252	56847.23438	505418.3	5410223.9
L5420.3	505418.3	5410223.9	75464.50000	467.19	0	48.844963	-86.926150	56810.95	56247.1	2.88	56813.83	56780.93359	56925.81734	56854.90625	505418.3	5410223.9
L5420.3	505418.2	5410222.3	75464.60156	461.81	0	48.844949	-86.926151	56812.34	56247.1	2.89	56815.23	56782.23047	56940.51450	56869.38672	505418.2	5410222.3
L5420.3	505418.2	5410221.1	75464.70313	460.14	0	48.844937	-86.926152	56813.02	56247.1	2.89	56815.91	56782.82031	56939.85324	56868.53125	505418.2	5410221.1
L5420.3	505418.2	5410221.1	75464.79688	471.34	0	48.844937	-86.926152	56814.18	56247.1	2.89	56817.06	56783.89063	56949.67297	56878.17969	505418.2	5410221.1
L5420.3	505418.1	5410219.3	75464.89844	471.50	0	48.844921	-86.926153	56814.51	56247.1	2.89	56817.40	56784.16406	56942.18808	56870.55078	505418.1	5410219.3
L5420.3	505418.1	5410218.2	75465.00000	472.28	0	48.844911	-86.926153	56815.66	56247.1	2.89	56818.55	56785.25781	56952.57335	56880.80859	505418.1	5410218.2
L5420.3	505418.0	5410216.7	75465.10156	468.44	0	48.844898	-86.926155	56816.11	56247.1	2.89	56818.99	56785.65625	56947.83254	56875.96484	505418.0	5410216.7
L5420.3	505418.0	5410216.7	75465.20313	467.59	0	48.844898	-86.926155	56817.02	56247.1	2.89	56819.91	56786.55078	56953.80479	56881.85938	505418.0	5410216.7
L5420.3	505417.9	5410215.6	75465.29688	454.45	0	48.844888	-86.926155	56817.80	56247.1	2.89	56820.69	56787.31250	56957.03315	56885.03516	505417.9	5410215.6
L5420.3	505417.9	5410214.2	75465.39844	452.57	0	48.844875	-86.926156	56818.50	56247.1	2.89	56821.39	56788.01172	56958.82378	56886.79297	505417.9	5410214.2
L5420.3	505417.8	5410212.4	75465.50000	465.52	0	48.844860	-86.926157	56819.37	56247.1	2.88	56822.25	56788.88281	56964.39065	56892.35156	505417.8	5410212.4
L5420.3	505417.8	5410212.4	75465.60156	465.54	0	48.844860	-86.926157	56819.84	56247.1	2.88	56822.72	56789.37500	56961.79635	56889.76953	505417.8	5410212.4
L5420.3	505417.7	5410210.9	75465.70313	464.08	0	48.844846	-86.926158	56820.30	56247.1	2.88	56823.18	56789.87109	56959.29419	56887.30469	505417.7	5410210.9
L5420.3	505417.7	5410209.3	75465.79688	464.20	0	48.844832	-86.926159	56820.84	56247.1	2.88	56823.72	56790.46094	56958.84138	56886.91406	505417.7	5410209.3
L5420.3	505417.7	5410209.3	75465.89844	450.30	0	48.844832	-86.926159	56821.46	56247.1	2.88	56824.34	56791.14453	56960.44109	56888.59766	505417.7	5410209.3
L5420.3	505417.6	5410208.0	75466.00000	449.28	0	48.844820	-86.926160	56821.89	56247.1	2.88	56824.77	56791.64844	56958.23461	56886.49609	505417.6	5410208.0
L5420.3	505417.6	5410206.7	75466.10156	447.95	0	48.844808	-86.926160	56822.57	56247.1	2.88	56825.45	56792.41797	56961.77760	56890.16406	505417.6	5410206.7
L5420.3	505417.6	5410206.7	75466.20313	447.56	0	48.844808	-86.926160	56823.41	56247.1	2.88	56826.30	56793.37109	56969.33620	56897.87109	505417.6	5410206.7
L5420.3	505417.5	5410204.7	75466.29688	445.83	0	48.844790	-86.926161	56824.06	56247.1	2.88	56826.95	56794.13672	56972.88045	56901.58984	505417.5	5410204.7
L5420.3	505417.5	5410203.1	75466.39844	445.46	0	48.844776	-86.926162	56824.86	56247.1	2.88	56827.74	56795.05469	56979.79474	56908.69922	505417.5	5410203.1
L5420.3	505417.5	5410203.1	75466.50000	443.65	0	48.844776	-86.926162	56825.32	56247.1	2.88	56828.21	56795.66406	56980.09503	56909.21484	505417.5	5410203.1
L5420.3	505417.5	5410201.6	75466.60156	441.33	0	48.844763	-86.926162	56825.45	56247.1	2.89	56828.33	56795.93750	56973.13270	56902.48438	505417.5	5410201.6
L5420.3	505417.4	5410200.4	75466.70313	441.89	0	48.844751	-86.926162	56825.94	56247.1	2.89	56828.83	56796.60547	56974.75905	56904.36719	505417.4	5410200.4
L5420.3	505417.4	5410199.0	75466.79688	444.20	0	48.844739	-86.926163	56826.45	56247.1	2.89	56829.34	56797.29297	56976.94376	56906.83203	505417.4	5410199.0
L5420.3	505417.4	5410199.0	75466.89844	443.69	0	48.844739	-86.926163	56826.89	56247.1	2.89	56829.78	56797.92578	56977.95248	56908.14063	505417.4	5410199.0
L5420.3	505417.4	5410197.5	75467.00000	445.01	0	48.844725	-86.926163	56827.59	56247.1	2.89	56830.48	56798.83203	56984.95209	56915.46094	505417.4	5410197.5
L5420.3	505417.4	5410195.6	75467.10156	445.17	0	48.844709	-86.926163	56827.94	56247.1	2.89	56830.83	56799.39844	56984.70152	56915.54688	505417.4	5410195.6
L5420.3	505417.4	5410195.6	75467.20313	446.61	0	48.844709	-86.926163	56828.48	56247.1	2.89	56831.38	56800.17969	56989.14385	56920.34375	505417.4	5410195.6
L5420.3	505417.4	5410194.1	75467.29688	446.49	0	48.844695	-86.926163	56828.93	56247.1	2.90	56831.82	56800.85938	56991.55100	56923.13281	505417.4	5410194.1
L5420.3	505417.4	5410194.1	75467.39844	446.69	0	48.844695	-86.926163	56829.21	56247.1	2.90	56832.11	56801.40625	56991.05668	56923.03516	505417.4	5410194.1

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5420.3	505417.4	5410192.9	75467.50000	447.20	0	48.844684	-86.926163	56829.63	56247.1	2.90	56832.53	56802.08984	56993.74190	56926.13281	505417.4	5410192.9
L5420.3	505417.4	5410191.6	75467.60156	445.93	0	48.844672	-86.926163	56829.75	56247.1	2.90	56832.65	56802.48828	56990.27311	56923.09375	505417.4	5410191.6
L5420.3	505417.4	5410191.6	75467.70313	445.85	0	48.844672	-86.926163	56830.21	56247.1	2.90	56833.12	56803.24609	56994.76407	56928.03516	505417.4	5410191.6
L5420.3	505417.4	5410189.5	75467.79688	443.22	0	48.844654	-86.926163	56830.16	56247.1	2.91	56833.07	56803.50000	56988.32845	56922.06641	505417.4	5410189.5
L5420.3	505417.4	5410188.0	75467.89844	441.18	0	48.844640	-86.926163	56830.88	56247.1	2.91	56833.79	56804.53125	56998.97457	56933.19922	505417.4	5410188.0
L5420.3	505417.4	5410186.7	75468.00000	439.72	0	48.844628	-86.926163	56830.86	56247.1	2.91	56833.77	56804.83203	56993.92127	56928.64453	505417.4	5410186.7
L5420.3	505417.4	5410186.7	75468.10156	442.62	0	48.844628	-86.926163	56831.71	56247.1	2.91	56834.62	56806.01953	57008.12407	56943.35938	505417.4	5410186.7
L5420.3	505417.4	5410185.4	75468.20313	441.85	0	48.844616	-86.926163	56832.09	56247.1	2.91	56835.00	56806.74219	57012.49243	56948.25781	505417.4	5410185.4
L5420.3	505417.4	5410183.8	75468.29688	441.77	0	48.844602	-86.926163	56832.32	56247.1	2.91	56835.23	56807.32813	57013.97519	56950.28906	505417.4	5410183.8
L5420.3	505417.4	5410183.8	75468.39844	442.52	0	48.844602	-86.926163	56832.56	56247.1	2.91	56835.47	56807.93359	57016.04742	56952.92188	505417.4	5410183.8
L5420.3	505417.4	5410182.2	75468.50000	442.85	0	48.844588	-86.926163	56832.20	56247.1	2.90	56835.10	56807.94141	57005.24994	56942.69922	505417.4	5410182.2
L5420.3	505417.4	5410180.9	75468.60156	442.24	0	48.844576	-86.926163	56832.66	56247.1	2.90	56835.56	56808.78906	57012.84713	56950.87891	505417.4	5410180.9
L5420.3	505417.4	5410179.6	75468.70313	445.15	0	48.844565	-86.926163	56832.64	56247.1	2.90	56835.54	56809.16406	57010.39940	56949.03125	505417.4	5410179.6
L5420.3	505417.4	5410178.3	75468.79688	444.81	0	48.844552	-86.926163	56833.23	56247.1	2.90	56836.13	56810.16016	57021.57232	56960.82031	505417.4	5410178.3
L5420.3	505417.4	5410178.3	75468.89844	448.08	0	48.844552	-86.926163	56833.04	56247.1	2.90	56835.94	56810.38281	57016.18933	56956.06250	505417.4	5410178.3
L5420.3	505417.4	5410176.4	75469.00000	447.66	0	48.844536	-86.926163	56833.74	56247.1	2.90	56836.64	56811.50781	57030.50794	56971.01563	505417.4	5410176.4
L5420.3	505417.5	5410175.4	75469.10156	448.83	0	48.844527	-86.926162	56833.10	56247.1	2.90	56836.00	56811.30078	57016.11463	56957.26953	505417.5	5410175.4
L5420.3	505417.5	5410175.4	75469.20313	446.25	0	48.844527	-86.926162	56833.18	56247.1	2.90	56836.08	56811.82422	57017.73389	56959.54297	505417.5	5410175.4
L5420.3	505417.5	5410174.1	75469.29688	447.74	0	48.844515	-86.926162	56832.53	56247.1	2.90	56835.43	56811.62500	57003.88623	56946.36328	505417.5	5410174.1
L5420.3	505417.5	5410172.6	75469.39844	448.77	0	48.844501	-86.926162	56832.95	56247.1	2.90	56835.85	56812.50391	57013.65129	56956.80859	505417.5	5410172.6
L5420.3	505417.4	5410171.1	75469.50000	449.43	0	48.844488	-86.926163	56832.99	56247.1	2.91	56835.90	56813.01953	57015.76658	56959.60938	505417.4	5410171.1
L5420.3	505417.4	5410171.1	75469.60156	449.06	0	48.844488	-86.926163	56833.16	56247.1	2.91	56836.06	56813.65234	57020.65370	56965.19141	505417.4	5410171.1
L5420.3	505417.4	5410169.6	75469.60156	449.06	0	48.844475	-86.926163	56832.91	56247.1	2.91	56835.82	56813.89453	57017.24082	56962.48047	505417.4	5410169.6
L5420.3	505417.4	5410168.3	75469.79688	450.25	0	48.844463	-86.926163	56832.50	56247.1	2.91	56835.41	56813.97266	57010.52181	56956.47266	505417.4	5410168.3
L5420.3	505417.4	5410168.3	75469.89844	447.59	0	48.844463	-86.926163	56832.82	56247.1	2.91	56835.73	56814.78906	57020.03651	56966.70313	505417.4	5410168.3
L5420.3	505417.4	5410166.7	75470.00000	446.15	0	48.844449	-86.926163	56832.27	56247.1	2.91	56835.18	56814.74219	57011.04846	56958.44141	505417.4	5410166.7
L5420.3	505417.4	5410165.2	75470.10156	448.27	0	48.844434	-86.926163	56832.48	56247.1	2.91	56835.39	56815.46094	57018.94605	56967.06641	505417.4	5410165.2
L5420.3	505417.5	5410163.6	75470.20313	448.95	0	48.844420	-86.926163	56832.02	56247.1	2.91	56834.92	56815.50391	57012.46638	56961.32031	505417.5	5410163.6
L5420.3	505417.5	5410163.6	75470.29688	450.20	0	48.844420	-86.926163	56832.48	56247.1	2.91	56835.39	56816.49609	57026.78064	56976.37500	505417.5	5410163.6
L5420.3	505417.5	5410162.1	75470.39844	448.29	0	48.844407	-86.926162	56831.96	56247.1	2.91	56834.87	56816.50391	57019.98767	56970.32813	505417.5	5410162.1
L5420.3	505417.5	5410162.1	75470.50000	447.58	0	48.844407	-86.926162	56831.48	56247.1	2.91	56834.38	56816.54297	57014.23226	56965.32422	505417.5	5410162.1
L5420.3	505417.5	5410160.4	75470.60156	448.44	0	48.844392	-86.926162	56831.34	56247.1	2.90	56834.24	56816.94141	57016.46178	56968.30469	505417.5	5410160.4
L5420.3	505417.5	5410159.1	75470.70313	448.46	0	48.844380	-86.926162	56831.09	56247.1	2.90	56833.99	56817.23438	57016.68937	56969.28516	505417.5	5410159.1
L5420.3	505417.5	5410157.7	75470.79688	447.62	0	48.844367	-86.926161	56830.73	56247.1	2.90	56833.63	56817.42188	57014.91496	56968.26953	505417.5	5410157.7
L5420.3	505417.5	5410157.7	75470.89844	448.18	0	48.844367	-86.926161	56829.64	56247.1	2.90	56832.55	56816.89063	56997.89502	56952.01172	505417.5	5410157.7
L5420.3	505417.6	5410156.3	75471.00000	448.31	0	48.844355	-86.926161	56829.70	56247.1	2.90	56832.60	56817.49609	57005.79383	56960.67188	505417.6	5410156.3
L5420.3	505417.6	5410156.3	75471.10156	446.34	0	48.844355	-86.926161	56829.00	56247.1	2.90	56831.90	56817.35156	56997.79545	56953.43359	505417.6	5410156.3
L5420.3	505417.6	5410154.3	75471.20313	448.23	0	48.844337	-86.926160	56829.50	56247.1	2.90	56832.40	56818.41406	57016.23511	56972.63672	505417.6	5410154.3
L5420.3	505417.7	5410152.8	75471.29688	447.27	0	48.844323	-86.926159	56828.93	56247.1	2.90	56831.83	56818.41016	57011.82970	56968.99609	505417.7	5410152.8
L5420.3	505417.8	5410151.5	75471.39844	446.43	0	48.844311	-86.926159	56828.54	56247.1	2.90	56831.44	56818.58594	57011.71704	56969.64844	505417.8	5410151.5
L5420.3	505417.8	5410151.5	75471.50000	443.56	0	48.844311	-86.926159	56827.88	56247.1	2.90	56830.78	56818.49609	57006.12708	56964.82031	505417.8	5410151.5
L5420.3	505417.8	5410149.9	75471.60156	443.17	0	48.844297	-86.926158	56827.25	56247.1	2.91	56830.15	56818.44141	57001.57258	56961.02344	505417.8	5410149.9
L5420.3	505417.8	5410149.9	75471.70313	443.35	0	48.844297	-86.926158	56826.95	56247.1	2.91	56829.85	56818.71484	57004.56632	56964.77734	505417.8	5410149.9
L5420.3	505417.9	5410148.6	75471.79688	442.94	0	48.844286	-86.926157	56825.84	56247.1	2.91	56828.75	56818.19141	56990.57500	56951.54297	505417.9	5410148.6
L5420.3	505417.9	5410147.2	75471.89844	442.55	0	48.844273	-86.926157	56825.68	56247.1	2.91	56828.59	56818.60547	56997.37444	56959.10156	505417.9	5410147.2
L5420.3	505417.9	5410147.2	75472.00000	440.63	0	48.844273	-86.926157	56824.72	56247.1	2.91	56827.63	56818.22656	56987.18791	56949.66406	505417.9	5410147.2
L5420.3	505418.0	5410144.1	75472.10156	443.26	0	48.844245	-86.926155	56824.81	56247.1	2.91	56827.72	56818.89453	57000.17936	56963.40234	505418.0	5410144.1
L5420.3	505418.0	5410144.1	75472.20313	442.73	0	48.844245	-86.926155	56823.98	56247.1	2.91	56826.88	56818.63672	56993.36147	56957.32813	505418.0	5410144.1
L5420.3	505418.0	5410142.6	75472.29688	443.02	0	48.844231	-86.926155	56823.32	56247.1	2.90	56826.22	56818.55469	56990.83240	56955.53906	505418.0	5410142.6
L5420.3	505418.0	5410142.6	75472.39844	443.15	0	48.844231	-86.926155	56822.72	56247.1	2.90	56825.62	56818.53516	56989.98634	56955.43359	505418.0	5410142.6
L5420.3	505418.1	5410140.8	75472.50000	442.70	0	48.844215	-86.926154	56821.84	56247.1	2.90	56824.74	56818.23438	56983.44118	56949.61719	505418.1	5410140.8
L5420.3	505418.1	5410139.5	75472.60156	443.56	0	48.844203	-86.926154	56822.06	56247.1	2.90	56824.95	56819.02734	57000.93977	56967.83984	505418.1	5410139.5
L5420.3	505418.1	5410139.5	75472.70313	442.88	0	48.844203	-86.926154	56821.44	56247.1	2.90	56824.33	56818.98438	57000.79736	56968.41406	505418.1	5410139.5
L5420.3	505418.2	5410138.0	75472.79688	442.63	0	48.844190	-86.926153	56821.15	56247.1	2.89	56824.04	56819.27344	57008.19758	56976.52734	505418.2	5410138.0
L5420.3	505418.2	5410136.6	75472.89844	444.25	0	48.844178	-86.926153	56819.84	56247.1	2.89	56822.73	56818.53906	56993.83068	56962.87109	505418.2	5410136.6
L5420.3	505418.2	5410135.3	75473.00000	443.71	0	48.844166	-86.926152	56819.32	56247.1	2.89	56822.21	56818.59375	56996.99211	56966.73047	505418.2	5410135.3
L5420.3	505418.2	5410135.3	75473.10156	444.95	0	48.844166	-86.926152	56818.17	56247.1	2.89	56821.06	56818.01563	56986.85236	56957.28125	505418.2	5410135.3
L5420.3	505418.3	5410133.8	75473.20313	443.54	0	48.844152	-86.926152	56817.68	56247.1	2.89	56820.57	56818.09766	56991.41744	56962.52734	505418.3	5410133.8
L5420.3	505418.3	5410132.6	75473.29688	442.24	0	48.844141	-86.926152	56817.02	56247.1	2.89	56819.92	56818.01563	56992.88416	56964.67188	505418.3	5410132.6
L5420.3	505418.3	5410132.6	75473.39844	443.13	0	48.844141	-86.926152	56816.26	56247.1	2.89	56819.15	56817.81250	56992.12038	56964.57813	505418.3	5410132.6
L5420.3	505418.3	5410131.3	75473.50000	444.90	0	48.844129	-86.926151	56815.64	56247.1	2.90	56818.54	56817.76563	56995.20450	56968.32031	505418.3	5410131.3
L5420.3	505418.3	5410130.2	75473.60156	445.95	0	48.844120	-86.926151	56814.43	56247.1	2.90	56817.32	56817.10547	56985.41889	56959.18359	505418.3	5410130.2
L5420.3	505418.3	5410128.6	75473.70313	444.04	0	48.844106	-86.926151	56813.99	56247.1	2.90	56816.89	56817.23438	56993.15773	56967.56250	505418.3	5410128.6
L5420.3	505418.3	5410128.6	75473.79688	445.27	0	48.844106	-86.926151	56812.65	56247.1	2.90	56815.55	56816.44531	56981.51264	56956.55078	505418.3	5410128.6
L5420.3	505418.4	5410127.1	75473.89844	445.54	0	48.844092	-86.926151	56812.24	56247.1	2.90	56815.14	56816.58594	56990.43046	56966.09375	505418.4	5410127.1
L5420.3	505418.4	5410125.8	75474.00000	445.34	0	48.844080	-86.926151	56811.13	56247.1	2.90	56814.03	56816.02344	56984.52258	56960.79688	505418.4	5410125.8
L5420.3	505418.4	5410124.3	75474.10156	447.60	0	48.844067	-86.926150	56810.11	56247.1	2.90	56813.01	56815.54297	56980.93984	56957.81250	505418.4	5410124.3
L5420.3	505418.4	5410124.3	75474.20313	447.32	0	48.844067	-86.926150	56809.23	56247.1	2.90	56812.13	56815.19922	56980.76731	56958.23047	505418.4	5410124.3
L5420.3	505418.4	5410122.5	75474.29688	445.60	0	48.844051	-86.926150	56807.98	56247.1	2.90	56810.88	56814.48438	56972.93222	56950.97656	505418.4	5410122.5
L5420.3	505418.4	5410120.8	75474.39844	447.44	0	48.844036	-86.926150	56807.25	56247.1	2.90	56810.15	56814.28125	56976.75651	56955.37109	505418.4	5410120.8
L5420.3	505418.4	5410120.8	75474.50000	446.37	0	48.844036	-86.926150	56806.47	56247.1	2.90	56809.37	56814.02344	56979.86482	56959.03516	505418.4	5410120.8
L5420.3	505418.4	5410119.1	75474.60156	449.04	0	48.844020	-86.926150	56806.11	56247.1	2.91	56809.02	56814.18750	56992.67784	56972.39453	505418.4	5410119.1
L5420.3	505418.4	5410119.1	75474.70313	447.42	0	48.844020	-86.926150	56804.59	56247.1	2.91	56807.50	56813.17969	56980.45843	56960.70703	505418.4	5410119.1
L5420.3	505418.4	5410117.2	75474.79688	448.30	0	48.844003	-86.926150	56803.79	56247.1	2.91	56806.70	56812.88672	56984.23914	56965.00781	505418.4	5410117.2
L5420.3	505418.4	5410117.2	75474.89844	448.66	0	48.844003	-86.926150	56802.20	56247.1	2.91	56805.11	56811.79688	56971.23686	56952.51953	505418.4	5410117.2
L5420.3	505418.4	5410115.6	75475.00000	448.58	0	48.843989	-86.926150	56800.98	56247.1	2.91	56803.89	56811.07031	56966.63551	56948.41406	505418.4	5410115.6
L5420.3	505418.5	5410114.3	75475.10156	448.84	0	48.843977	-86.926150	56800.14	56247.1	2.91	56803.05	56810.71875	56970.65200	56952.91797	505418.5	5410114.3
L5420.3	505418.5	5410112.6	75475.20313	446.51	0	48.843961	-86.926149	56799.38	56247.1	2.90	56802.29	56810.43750	56976.77299	56959.50781	505418.5	5410112.6
L5420.3	505418.5	5410112.6	75475.29688	446.48	0	48.843961	-86.926149	56798.78	56247.1	2.90	56801.68	56810.30078	56986.51807	56969.71484	505418.5	5410112.6
L5420.3	505418.5	5410111.0	75475.39844	447.26	0	48.843947	-86.926149	56797.23	56247.1	2.89	56800.12	56809.21094	56976.00558	56959.65234	505418.5	5410111.0
L5420.3	505418.5	5410109.6	75475.50000	446.42	0	48.843934	-86.926149	56796.09	56247.1	2.89	56798.98	56808.53125	56974.97881	56959.05859	505418.5	5410109.6
L5420.3	505418.5	5410109.6	75475.60156	446.45	0	48.843934	-86.926149	56794.63	56247.1	2.89	56797.52	56807.52344	56967.37195	56951.87109	505418.5	5410109.6
L5420.3	505418.5	5410108.5	75475.70313	444.82	0	48.843925	-86.926149	56794.12	56247.1	2.88	56797.00	56807.44922	56980.54023	56965.44922	505418.5	5410108.5
L5420.3	505418.5	5410106.8	75475.79688	444.94	0	48.843910	-86.926149	56792.54	56247.1	2.88	56795.42	56806.30859	56971.06264	56956.36719	505418.5	5410106.8
L5420.3	505418.5	5410105.4	75475.89844	444.69	0	48.843896	-86.926149	56791.20	56247.1	2.87	56794.08	56805.39844	56967.16291	56952.84766	505418.5	5410105.4
L5420.3	505418.5	5410105.4	75476.00000	443.66	0	48.843896	-86.926149	56790.05	56247.1	2.87	56792.92	56804.66406	56967.53849	56953.59375	505418.5	5410105.4
L5420.3	505418.5	5410103.8	75476.10156	443.99	0	48.843883	-86.926149	56788.88	56247.1	2.87	56791.76	56803.91797	56968.28162	56954.69141	505418.5	5410103.8
L5420.3	505418.6	5410102.3	75476.20313	443.14	0	48.843869	-86.926148	56787.90	56247.1	2.88	56790.78	56803.34375	56973.30035	56960.05078	505418.6	5410102.3
L5420.3	505418.6	5410102.3	75476.29688	444.02	0	48.843869	-86.926148	56786.44	56247.1	2.88	56789.32	56802.28516	56968.26594	56955.34375	505418.6	5410102.3
L5420.3	505418.6	5410100.8	75476.39844	442.37	0	48.843855	-86.926148	56785.31	56247.1	2.89	56788.20	56801.55469	56970.98124	56958.37500	505418.6	5410100.8
L5420.3	505418.6	5410100.8	75476.50000	444.05	0	48.843855	-86.926148	56784.07	56247.1	2.89	56786.96	56800.69531	56971.45967	56959.15234	505418.6	5410100.8
L5420.3	505418.6	5410099.2	75476.60156	445.15	0	48.843841	-86.926148	56782.73	56247.1	2.89	56785.62	56799.73047	56970.13575	56958.11719	505418.6	5410099.2
L5420.3	505418.6	5410097.9	75476.70313	443.75	0	48.843830	-86.926147	56781.19	56247.1	2.90	56784.09	56798.56250	56965.05585	56953.30859	505418.6	5410097.9

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5420.3	505418.7	5410096.6	75476.79688	442.34	0	48.843818	-86.926147	56779.89	56247.1	2.90	56782.79	56797.62109	56965.33876	56953.85156	505418.7	5410096.6
L5420.3	505418.7	5410095.1	75476.89844	442.63	0	48.843804	-86.926147	56778.41	56247.1	2.91	56781.31	56796.48438	56962.08357	56950.84375	505418.7	5410095.1
L5420.3	505418.7	5410095.1	75477.00000	443.15	0	48.843804	-86.926147	56777.02	56247.1	2.91	56779.93	56795.44531	56961.36964	56950.36328	505418.7	5410095.1
L5420.3	505418.7	5410093.7	75477.10156	443.77	0	48.843792	-86.926147	56775.39	56247.1	2.91	56778.29	56794.13281	56955.38165	56944.58984	505418.7	5410093.7
L5420.3	505418.7	5410092.4	75477.20313	444.78	0	48.843780	-86.926147	56773.85	56247.1	2.90	56776.75	56792.91016	56951.93587	56941.35156	505418.7	5410092.4
L5420.3	505418.7	5410092.4	75477.29688	444.06	0	48.843780	-86.926147	56772.40	56247.1	2.90	56775.30	56791.76953	56950.81571	56940.42188	505418.7	5410092.4
L5420.3	505418.7	5410090.9	75477.39844	443.22	0	48.843766	-86.926147	56771.32	56247.1	2.90	56774.22	56790.99219	56958.10064	56947.88672	505418.7	5410090.9
L5420.3	505418.7	5410089.6	75477.50000	442.00	0	48.843755	-86.926146	56770.08	56247.1	2.89	56772.98	56790.04297	56962.28467	56952.23438	505418.7	5410089.6
L5420.3	505418.7	5410089.6	75477.60156	442.47	0	48.843755	-86.926146	56768.46	56247.1	2.89	56771.35	56788.69141	56958.37498	56948.47266	505418.7	5410089.6
L5420.3	505418.7	5410088.2	75477.70313	443.16	0	48.843742	-86.926146	56767.07	56247.1	2.89	56769.95	56787.56250	56959.83268	56950.06641	505418.7	5410088.2
L5420.3	505418.7	5410087.1	75477.79688	445.11	0	48.843732	-86.926146	56765.09	56247.1	2.89	56767.98	56785.85547	56949.29001	56939.64844	505418.7	5410087.1
L5420.3	505418.7	5410085.6	75477.89844	445.48	0	48.843718	-86.926147	56763.54	56247.1	2.88	56766.43	56784.55469	56948.24102	56938.71094	505418.7	5410085.6
L5420.3	505418.7	5410085.6	75478.00000	445.86	0	48.843718	-86.926147	56761.80	56247.1	2.88	56764.68	56783.04688	56943.22587	56933.79297	505418.7	5410085.6
L5420.3	505418.7	5410084.0	75478.10156	446.14	0	48.843705	-86.926147	56759.82	56247.1	2.88	56762.70	56781.29688	56933.59393	56924.24219	505418.7	5410084.0
L5420.3	505418.6	5410082.1	75478.20313	447.98	0	48.843687	-86.926147	56758.42	56247.1	2.88	56761.30	56780.11719	56936.93140	56927.64844	505418.6	5410082.1
L5420.3	505418.6	5410080.9	75478.29688	445.54	0	48.843677	-86.926148	56756.90	56247.1	2.88	56759.78	56778.80859	56938.04164	56928.81641	505418.6	5410080.9
L5420.3	505418.6	5410080.9	75478.39844	446.15	0	48.843677	-86.926148	56755.40	56247.1	2.88	56758.28	56777.50781	56939.96484	56930.78125	505418.6	5410080.9
L5420.3	505418.6	5410079.6	75478.50000	446.61	0	48.843665	-86.926148	56753.86	56247.1	2.88	56756.74	56776.16016	56941.39908	56932.24609	505418.6	5410079.6
L5420.3	505418.5	5410078.2	75478.60156	446.35	0	48.843652	-86.926149	56752.21	56247.1	2.87	56755.09	56774.68750	56940.82536	56931.68750	505418.5	5410078.2
L5420.3	505418.5	5410076.7	75478.70313	444.87	0	48.843639	-86.926149	56750.10	56247.1	2.87	56752.97	56772.73828	56930.42863	56921.29297	505418.5	5410076.7
L5420.3	505418.5	5410076.7	75478.79688	445.13	0	48.843639	-86.926149	56748.10	56247.1	2.87	56750.97	56770.89453	56923.01880	56913.87500	505418.5	5410076.7
L5420.3	505418.5	5410075.0	75478.89844	443.58	0	48.843623	-86.926150	56746.68	56247.1	2.87	56749.55	56769.62109	56928.58344	56919.41797	505418.5	5410075.0
L5420.3	505418.4	5410073.7	75479.00000	445.22	0	48.843611	-86.926151	56744.39	56247.1	2.87	56747.26	56767.46875	56915.64303	56906.44531	505418.4	5410073.7
L5420.3	505418.4	5410073.7	75479.10156	445.16	0	48.843611	-86.926151	56742.52	56247.1	2.87	56745.40	56765.73438	56912.42191	56903.17578	505418.4	5410073.7
L5420.3	505418.4	5410072.4	75479.20313	445.33	0	48.843600	-86.926151	56740.89	56247.1	2.88	56743.77	56764.21875	56914.57870	56905.26953	505418.4	5410072.4
L5420.3	505418.3	5410070.9	75479.29688	444.68	0	48.843587	-86.926152	56739.28	56247.1	2.88	56742.16	56762.71094	56917.55485	56908.17188	505418.3	5410070.9
L5420.3	505418.3	5410070.9	75479.39844	442.80	0	48.843587	-86.926152	56737.23	56247.1	2.88	56740.11	56760.75391	56911.36420	56901.89453	505418.3	5410070.9
L5420.3	505418.3	5410069.5	75479.50000	442.07	0	48.843574	-86.926152	56735.25	56247.1	2.89	56738.14	56758.86719	56907.29682	56897.73047	505418.3	5410069.5
L5420.3	505418.3	5410068.0	75479.60156	442.76	0	48.843560	-86.926153	56733.23	56247.1	2.89	56736.12	56756.91797	56902.53098	56892.85156	505418.3	5410068.0
L5420.3	505418.3	5410066.9	75479.70313	442.92	0	48.843550	-86.926153	56730.82	56247.1	2.89	56733.71	56754.56641	56889.68567	56879.88281	505418.3	5410066.9
L5420.3	505418.3	5410066.9	75479.79688	446.51	0	48.843550	-86.926153	56728.45	56247.1	2.89	56731.34	56752.24609	56878.09696	56868.15625	505418.3	5410066.9
L5420.3	505418.3	5410065.3	75479.89844	445.67	0	48.843536	-86.926153	56726.11	56247.1	2.90	56729.00	56749.94531	56867.54826	56857.46094	505418.3	5410065.3
L5420.3	505418.3	5410063.6	75480.00000	443.81	0	48.843521	-86.926153	56724.68	56247.1	2.90	56727.58	56748.55078	56877.36239	56867.11328	505418.3	5410063.6
L5420.3	505418.3	5410063.6	75480.10156	445.76	0	48.843521	-86.926153	56723.14	56247.1	2.90	56726.04	56747.02344	56884.96085	56874.53906	505418.3	5410063.6
L5420.3	505418.3	5410061.8	75480.20313	442.21	0	48.843505	-86.926153	56721.14	56247.1	2.90	56724.04	56745.02734	56882.96245	56872.35156	505418.3	5410061.8
L5420.3	505418.3	5410060.0	75480.29688	442.11	0	48.843488	-86.926152	56718.73	56247.1	2.90	56721.63	56742.60938	56872.45306	56861.64453	505418.3	5410060.0
L5420.3	505418.3	5410060.0	75480.39844	442.07	0	48.843488	-86.926152	56716.18	56247.1	2.90	56719.08	56740.04297	56859.29479	56848.27734	505418.3	5410060.0
L5420.3	505418.4	5410058.3	75480.50000	442.58	0	48.843473	-86.926152	56714.35	56247.1	2.90	56717.25	56738.17969	56862.15889	56850.91797	505418.4	5410058.3
L5420.3	505418.4	5410056.9	75480.60156	444.61	0	48.843460	-86.926151	56712.04	56247.1	2.90	56714.94	56735.82813	56854.99294	56843.51953	505418.4	5410056.9
L5420.3	505418.4	5410056.9	75480.70313	441.43	0	48.843460	-86.926151	56710.21	56247.1	2.90	56713.11	56733.94531	56858.63911	56846.91797	505418.4	5410056.9
L5420.3	505418.4	5410055.5	75480.79688	442.03	0	48.843448	-86.926151	56707.98	56247.1	2.90	56710.88	56731.65234	56853.99219	56842.01172	505418.4	5410055.5
L5420.3	505418.4	5410055.5	75480.89844	442.24	0	48.843448	-86.926151	56705.66	56247.1	2.90	56708.56	56729.25781	56847.78239	56835.53125	505418.4	5410055.5
L5420.3	505418.5	5410053.8	75481.00000	441.96	0	48.843433	-86.926150	56703.11	56247.1	2.90	56706.01	56726.61719	56836.97015	56824.43750	505418.5	5410053.8
L5420.3	505418.5	5410052.0	75481.10156	443.11	0	48.843417	-86.926149	56700.64	56247.1	2.90	56703.54	56724.05078	56828.28551	56815.45703	505418.5	5410052.0
L5420.3	505418.6	5410050.8	75481.20313	443.22	0	48.843405	-86.926149	56699.29	56247.1	2.90	56702.19	56722.58984	56844.30713	56831.17188	505418.6	5410050.8
L5420.3	505418.6	5410050.8	75481.29688	443.05	0	48.843405	-86.926149	56696.98	56247.1	2.90	56699.88	56720.15625	56839.87681	56826.42188	505418.6	5410050.8
L5420.3	505418.6	5410049.5	75481.39844	440.81	0	48.843394	-86.926148	56695.28	56247.1	2.90	56698.18	56718.32422	56849.07959	56835.29297	505418.6	5410049.5
L5420.3	505418.7	5410047.9	75481.50000	441.47	0	48.843380	-86.926148	56693.00	56247.1	2.90	56695.90	56715.89844	56846.07943	56831.94922	505418.7	5410047.9
L5420.3	505418.7	5410047.9	75481.60156	443.67	0	48.843380	-86.926148	56690.86	56247.1	2.90	56693.76	56713.60156	56846.50726	56832.02344	505418.7	5410047.9
L5420.3	505418.7	5410046.4	75481.70313	455.68	0	48.843366	-86.926147	56687.60	56247.1	2.90	56690.50	56710.17578	56823.00711	56808.15625	505418.7	5410046.4
L5420.3	505418.7	5410044.9	75481.79688	456.10	0	48.843353	-86.926147	56685.57	56247.1	2.90	56688.47	56707.96484	56826.59784	56811.36719	505418.7	5410044.9
L5420.3	505418.7	5410044.9	75481.89844	456.76	0	48.843353	-86.926147	56683.02	56247.1	2.90	56685.92	56705.22266	56819.28511	56803.66406	505418.7	5410044.9
L5420.3	505418.7	5410043.1	75482.00000	457.59	0	48.843337	-86.926147	56681.22	56247.1	2.90	56684.12	56703.22266	56828.64023	56812.61719	505418.7	5410043.1
L5420.3	505418.8	5410041.8	75482.10156	456.60	0	48.843324	-86.926147	56679.24	56247.1	2.90	56682.14	56701.02734	56834.47127	56818.03516	505418.8	5410041.8
L5420.3	505418.8	5410041.8	75482.20313	456.90	0	48.843324	-86.926147	56677.20	56247.1	2.89	56680.10	56698.76172	56839.38221	56822.51953	505418.8	5410041.8
L5420.3	505418.8	5410040.2	75482.29688	453.18	0	48.843310	-86.926147	56674.58	56247.1	2.89	56677.47	56695.89453	56831.86509	56814.56250	505418.8	5410040.2
L5420.3	505418.8	5410038.8	75482.39844	452.46	0	48.843298	-86.926147	56671.59	56247.1	2.88	56674.47	56692.64844	56816.69471	56798.94531	505418.8	5410038.8
L5420.3	505418.8	5410037.7	75482.50000	455.10	0	48.843288	-86.926147	56669.06	56247.1	2.88	56671.94	56689.85938	56812.10628	56793.89453	505418.8	5410037.7
L5420.3	505418.8	5410037.7	75482.60156	456.96	0	48.843288	-86.926147	56666.48	56247.1	2.88	56669.36	56687.00781	56806.80856	56788.12109	505418.8	5410037.7
L5420.3	0.0	0.0	75482.70313	457.86	0	48.843276	-86.926147	56664.36	56247.1	2.87	56667.24	56684.60547	56811.87203	56792.69922	505418.8	5410036.3
L5420.3	0.0	0.0	75482.79688	456.02	0	48.843276	-86.926147	56661.98	56247.1	2.87	56664.85	56681.92188	56811.44601	56791.77734	505418.8	5410036.3
L5420.3	0.0	0.0	75482.89844	455.34	0	48.843264	-86.926147	56659.64	56247.1	2.86	56662.51	56679.27734	56812.47570	56792.29688	505418.7	5410035.1
L5420.3	0.0	0.0	75483.00000	454.78	0	48.843250	-86.926147	56657.14	56247.1	2.86	56660.00	56676.45313	56810.18252	56789.48047	505418.7	5410033.5
L5420.3	0.0	0.0	75483.10156	453.75	0	48.843238	-86.926147	56654.16	56247.1	2.87	56657.03	56673.15625	56798.26800	56777.03516	505418.8	5410032.2
L5420.3	0.0	0.0	75483.20313	453.22	0	48.843227	-86.926147	56651.45	56247.1	2.87	56654.33	56670.11719	56792.57825	56770.79688	505418.8	5410030.9
L5420.3	0.0	0.0	75483.29688	443.25	0	48.843227	-86.926147	56648.68	56247.1	2.88	56651.56	56667.00000	56785.72900	56763.39063	505418.8	5410030.9
L5420.3	0.0	0.0	75483.39844	441.83	0	48.843213	-86.926146	56646.13	56247.1	2.89	56649.01	56664.08984	56784.01347	56761.10547	505418.8	5410029.4
L5420.3	0.0	0.0	75483.50000	440.91	0	48.843201	-86.926146	56643.68	56247.1	2.90	56646.57	56661.27734	56785.04050	56761.55078	505418.8	5410028.0
L5420.3	0.0	0.0	75483.60156	439.07	0	48.843191	-86.926146	56640.87	56247.1	2.90	56643.77	56658.09766	56778.60304	56754.51953	505418.8	5410026.9
L5420.3	0.0	0.0	75483.70313	438.97	0	48.843191	-86.926146	56638.21	56247.1	2.91	56641.12	56655.05469	56775.77018	56751.08203	505418.8	5410026.9
L5420.3	0.0	0.0	75483.79688	450.82	0	48.843179	-86.926146	56635.17	56247.1	2.92	56638.08	56651.61328	56764.81481	56739.50781	505418.8	5410025.6
L5420.3	0.0	0.0	75483.89844	451.43	0	48.843166	-86.926146	56632.27	56247.1	2.92	56635.19	56648.30859	56757.45704	56731.51953	505418.8	5410024.2
L5420.3	0.0	0.0	75484.00000	452.87	0	48.843152	-86.926146	56629.87	56247.1	2.93	56632.80	56645.49609	56761.29184	56734.71484	505418.8	5410022.6
L5420.3	0.0	0.0	75484.10156	441.30	0	48.843152	-86.926146	56627.28	56247.1	2.93	56630.21	56642.47266	56761.11797	56733.88672	505418.8	5410022.6
L5420.3	0.0	0.0	75484.20313	440.25	0	48.843141	-86.926146	56624.59	56247.1	2.92	56627.51	56639.32813	56758.88537	56730.98828	505418.8	5410021.4
L5420.3	0.0	0.0	75484.29688	440.56	0	48.843127	-86.926146	56622.26	56247.1	2.92	56625.18	56636.54297	56765.01090	56736.43750	505418.8	5410019.8
L5420.3	0.0	0.0	75484.50000	440.10	0	48.843113	-86.926146	56619.15	56247.1	2.91	56622.06	56632.95703	56754.30606	56725.04297	505418.8	5410018.3
L5420.3	0.0	0.0	75484.50000	439.24	0	48.843113	-86.926146	56616.28	56247.1	2.91	56619.19	56629.61328	56749.34531	56719.37891	505418.8	5410018.3
L5420.3	0.0	0.0	75484.60156	440.82	0	48.843099	-86.926146	56613.09	56247.1	2.91	56616.00	56625.93750	56737.74903	56707.07031	505418.8	5410016.7
L5420.3	0.0	0.0	75484.70313	441.10	0	48.843087	-86.926146	56610.29	56247.1	2.90	56613.20	56622.64453	56734.92690	56703.52344	505418.8	5410015.4
L5420.3	0.0	0.0	75484.79688	441.11	0	48.843076	-86.926146	56607.58	56247.1	2.90	56610.48	56619.42188	56734.14374	56702.00391	505418.8	5410014.1
L5420.3	0.0	0.0	75484.89844	440.06	0	48.843076	-86.926146	56604.86	56247.1	2.89	56607.75	56616.17969	56733.44052	56700.55078	505418.8	5410014.1
L5420.3	0.0	0.0	75485.00000	442.64	0	48.843062	-86.926146	56601.69	56247.1	2.89	56604.58	56612.48438	56723.47650	56689.82422	505418.8	5410012.6
L5420.3	0.0	0.0	75485.10156	445.36	0	48.843050	-86.926146	56598.89	56247.1	2.89	56601.78	56609.15625	56721.83181	56687.41016	505418.8	5410011.3
L5420.3	0.0	0.0	75485.20313	445.82	0	48.843050	-86.926146	56595.74	56247.1	2.89	56598.63	56605.46484	56712.86934	56677.66016	505418.8	5410011.3
L5420.3	0.0	0.0	75485.29688	446.21	0	48.843037	-86.926146	56592.68	56247.1	2.89	56595.58	56601.86328	56706.35316	56670.34766	505418.8	5410009.8
L5420.3	0.0	0.0	75485.39844	444.39	0	48.843037	-86.926146	56589.80	56247.1	2.89	56592.70	56598.42578	56703.79718	56666.98438	505418.8	5410009.8
L5420.3	0.0	0.0	75485.50000	447.02	0	48.843025	-86.926146	56587.06	56247.1	2.90	56589.96	56595.12109	56704.54409	56666.91406	505418.8	5410008.5
L5420.3	0.0	0.0	75485.60156	444.37	0	48.843014	-86.926146	56584.29	56247.1	2.90	56587.18	56591.76563	56704.67990	56666.21875	505418.8	5410007.2
L5420.3	0.0	0.0	75485.70313	446.48	0	48.843004	-86.926146	56581.04	56247.1	2.90	56583.94	56587.94531	56695.07993	56655.77734	505418.8	5410006.1
L5420.3	0.0	0.0	75485.79688	446.15	0	48.842992	-86.926146	56577.73	56247.1	2.90	56580.63	56584.04297	56684.20488	56644.04688	505418.8	5410004.8
L5420.3	0.0	0.0	75485.89844	446.48	0	48.842992	-86.926146	56574.48	56247.1	2.90	56577.38	56580.19531	56674.87055	56633.84766	505418.8	5410004.8
L5420.3	0.0	0.0	75486.00000	447.54	0	48.842979	-86.926146	56571.29	56247.1	2.90	56574.19	56576.39844	56667.07026	56625.17578	505418.9	5410003.3

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5420.3	0.0	0.0	75486.10156	447.96	0	48.842963	-86.926145	56568.08	56247.1	2.90	56570.98	56572.57422	56659.06034	56616.27734	505418.9	5410001.6
L5420.3	0.0	0.0	75486.20313	446.92	0	48.842949	-86.926145	56565.40	56247.1	2.90	56568.30	56569.27344	56662.77462	56619.09375	505418.9	5410000.1
L5420.3	0.0	0.0	75486.29688	445.91	0	48.842949	-86.926145	56562.72	56247.1	2.90	56565.62	56565.96875	56666.69943	56622.10938	505418.9	5410000.1
L5420.3	0.0	0.0	75486.39844	440.46	0	48.842936	-86.926145	56559.43	56247.1	2.90	56562.33	56562.04297	56657.58413	56612.07813	505418.9	5409998.6
L5420.3	0.0	0.0	75486.50000	441.05	0	48.842923	-86.926144	56556.21	56247.1	2.90	56559.11	56558.18359	56650.18450	56603.75000	505419.0	5409997.1
L5420.3	0.0	0.0	75486.60156	444.51	0	48.842923	-86.926144	56552.31	56247.1	2.90	56555.21	56553.63672	56628.21018	56580.83594	505419.0	5409997.1
L5420.3	0.0	0.0	75486.70313	445.08	0	48.842909	-86.926144	56549.40	56247.1	2.90	56552.30	56550.07422	56627.91009	56579.58594	505419.0	5409995.5
L5420.3	0.0	0.0	75486.79688	444.49	0	48.842896	-86.926143	56546.16	56247.1	2.90	56549.06	56546.17578	56620.61863	56571.33203	505419.0	5409994.2
L5420.3	0.0	0.0	75486.89844	441.85	0	48.842882	-86.926143	56543.35	56247.1	2.90	56546.25	56542.69922	56622.82793	56572.57422	505419.1	5409992.6
L5420.3	0.0	0.0	75487.00000	442.66	0	48.842872	-86.926143	56540.14	56247.1	2.90	56543.04	56538.82031	56616.51027	56565.27734	505419.1	5409991.5
L5420.3	0.0	0.0	75487.10156	442.96	0	48.842872	-86.926143	56536.74	56247.1	2.90	56539.64	56534.74609	56606.21678	56553.99609	505419.1	5409991.5
L5420.3	0.0	0.0	75487.20313	442.52	0	48.842857	-86.926142	56533.38	56247.1	2.90	56536.28	56530.70703	56596.93266	56543.71484	505419.1	5409989.8
L5420.3	0.0	0.0	75487.29688	443.58	0	48.842846	-86.926142	56530.03	56247.1	2.90	56532.93	56526.67578	56587.99827	56533.77344	505419.1	5409988.6
L5420.3	0.0	0.0	75487.39844	445.52	0	48.842846	-86.926142	56527.71	56247.1	2.90	56530.61	56523.66797	56601.54990	56546.30859	505419.1	5409988.6
L5420.3	0.0	0.0	75487.50000	444.60	0	48.842833	-86.926142	56524.23	56247.1	2.90	56527.13	56519.49609	56590.03300	56533.76953	505419.1	5409987.1
L5420.3	0.0	0.0	75487.60156	445.07	0	48.842820	-86.926142	56521.02	56247.1	2.90	56523.92	56515.58984	56584.48495	56527.18750	505419.2	5409985.7
L5420.3	0.0	0.0	75487.70313	444.41	0	48.842810	-86.926142	56517.55	56247.1	2.90	56520.45	56511.42188	56573.39044	56515.05469	505419.2	5409984.6
L5420.3	0.0	0.0	75487.79688	444.76	0	48.842798	-86.926141	56514.89	56247.1	2.90	56517.79	56508.05859	56579.97089	56520.58594	505419.2	5409983.2
L5420.3	0.0	0.0	75487.89844	444.98	0	48.842798	-86.926141	56511.12	56247.1	2.90	56514.02	56503.58203	56562.53317	56502.09375	505419.2	5409983.2
L5420.3	0.0	0.0	75488.00000	443.96	0	48.842782	-86.926141	56507.90	56247.1	2.90	56510.80	56499.65625	56557.10772	56495.60547	505419.2	5409981.5
L5420.3	0.0	0.0	75488.10156	444.64	0	48.842782	-86.926141	56504.13	56247.1	2.90	56507.03	56495.17578	56539.80386	56477.23438	505419.2	5409981.5
L5420.3	0.0	0.0	75488.20313	444.04	0	48.842768	-86.926141	56500.98	56247.1	2.91	56503.89	56491.32422	56536.23078	56472.58203	505419.2	5409980.0
L5420.3	0.0	0.0	75488.29688	444.98	0	48.842754	-86.926141	56497.85	56247.1	2.92	56500.76	56487.48047	56532.91871	56468.18750	505419.2	5409978.4
L5420.3	0.0	0.0	75488.39844	443.16	0	48.842741	-86.926141	56494.50	56247.1	2.92	56497.42	56483.42578	56525.08195	56459.26563	505419.2	5409976.9
L5420.3	0.0	0.0	75488.50000	442.75	0	48.842741	-86.926141	56491.54	56247.1	2.93	56494.47	56479.76172	56525.73740	56458.82813	505419.2	5409976.9
L5420.3	0.0	0.0	75488.60156	443.39	0	48.842730	-86.926141	56488.00	56247.1	2.93	56490.93	56475.50391	56513.59924	56445.58984	505419.2	5409975.7
L5420.3	0.0	0.0	75488.70313	444.19	0	48.842730	-86.926141	56484.63	56247.1	2.93	56487.56	56471.41797	56505.15788	56436.04297	505419.2	5409975.7
L5420.3	0.0	0.0	75488.79688	443.59	0	48.842701	-86.926141	56480.49	56247.1	2.94	56483.43	56466.57031	56480.21291	56409.99219	505419.2	5409972.4
L5420.3	0.0	0.0	75488.89844	442.95	0	48.842701	-86.926141	56477.86	56247.1	2.94	56480.81	56463.23438	56488.03749	56416.70313	505419.2	5409972.4
L5420.3	0.0	0.0	75489.00000	440.82	0	48.842689	-86.926142	56473.96	56247.1	2.95	56476.91	56458.62109	56468.04953	56395.60156	505419.2	5409971.1
L5420.3	0.0	0.0	75489.10156	440.44	0	48.842689	-86.926142	56470.97	56247.1	2.95	56473.92	56454.91406	56467.78523	56394.21875	505419.2	5409971.1
L5420.3	0.0	0.0	75489.20313	441.57	0	48.842674	-86.926142	56467.61	56247.1	2.94	56470.55	56450.83203	56459.22818	56384.53906	505419.1	5409969.4
L5420.3	0.0	0.0	75489.29688	444.19	0	48.842664	-86.926143	56464.49	56247.1	2.94	56467.43	56447.00000	56456.04608	56380.23438	505419.1	5409968.3
L5420.3	0.0	0.0	75489.39844	443.13	0	48.842653	-86.926143	56461.48	56247.1	2.94	56464.41	56443.26563	56454.97239	56378.03125	505419.1	5409967.2
L5420.3	0.0	0.0	75489.50000	441.80	0	48.842653	-86.926143	56458.06	56247.1	2.93	56460.99	56439.14063	56445.14188	56367.07422	505419.1	5409967.2
L5420.3	0.0	0.0	75489.60156	442.68	0	48.842643	-86.926144	56455.48	56247.1	2.93	56458.41	56435.85547	56453.46553	56374.26953	505419.0	5409966.0
L5420.3	0.0	0.0	75489.70313	445.23	0	48.842633	-86.926144	56451.73	56247.1	2.93	56454.66	56431.39844	56436.29516	56355.96875	505419.0	5409964.9
L5420.3	0.0	0.0	75489.79688	445.35	0	48.842633	-86.926144	56448.54	56247.1	2.93	56451.46	56427.50000	56430.96276	56349.50391	505419.0	5409964.9
L5420.3	0.0	0.0	75489.89844	445.42	0	48.842619	-86.926145	56444.38	56247.1	2.92	56447.30	56422.64453	56404.67534	56322.08984	505418.9	5409963.4
L5420.3	0.0	0.0	75490.00000	444.97	0	48.842603	-86.926146	56441.63	56247.1	2.92	56444.54	56419.19141	56408.65957	56324.94531	505418.9	5409961.5
L5420.3	0.0	0.0	75490.10156	442.88	0	48.842590	-86.926147	56438.97	56247.1	2.92	56441.89	56415.85156	56414.89874	56330.05469	505418.8	5409960.2
L5420.3	0.0	0.0	75490.20313	443.45	0	48.842590	-86.926147	56435.98	56247.1	2.93	56438.91	56412.18750	56413.83007	56327.85938	505418.8	5409960.2
L5420.3	0.0	0.0	75490.29688	446.54	0	48.842565	-86.926148	56432.62	56247.1	2.93	56435.56	56408.15625	56404.57497	56317.47656	505418.7	5409957.3
L5420.3	0.0	0.0	75490.39844	445.25	0	48.842565	-86.926148	56428.86	56247.1	2.94	56431.80	56403.72266	56386.25485	56298.03516	505418.7	5409957.3
L5420.3	0.0	0.0	75490.50000	446.64	0	48.842551	-86.926149	56426.54	56247.1	2.94	56429.49	56400.74219	56399.24109	56309.90234	505418.7	5409955.8
L5420.3	0.0	0.0	75490.60156	444.95	0	48.842538	-86.926149	56423.33	56247.1	2.95	56426.28	56396.87109	56392.50383	56302.05078	505418.6	5409954.3
L5420.3	0.0	0.0	75490.70313	443.31	0	48.842538	-86.926149	56420.54	56247	2.96	56423.50	56393.42969	56394.90789	56303.33984	505418.6	5409954.3
L5420.3	0.0	0.0	75490.79688	444.94	0	48.842526	-86.926149	56416.84	56247	2.96	56419.80	56389.07813	56377.13396	56284.45703	505418.6	5409953.0
L5420.3	0.0	0.0	75490.89844	445.41	0	48.842512	-86.926150	56414.04	56247	2.97	56417.00	56385.63281	56378.68505	56284.90625	505418.6	5409951.4
L5420.3	0.0	0.0	75491.00000	445.52	0	48.842512	-86.926150	56410.56	56247	2.97	56413.53	56381.52734	56365.46557	56270.58984	505418.6	5409951.4
L5420.3	0.0	0.0	75491.10156	444.87	0	48.842497	-86.926150	56407.22	56247	2.97	56410.19	56377.55469	56354.83386	56258.86328	505418.6	5409949.8
L5420.3	0.0	0.0	75491.20313	444.14	0	48.842483	-86.926150	56404.44	56247	2.97	56407.41	56374.15234	56356.11543	56259.05859	505418.6	5409948.2
L5420.3	0.0	0.0	75491.29688	444.57	0	48.842473	-86.926149	56401.84	56247	2.97	56404.81	56370.93359	56361.05029	56262.91406	505418.6	5409947.1
L5420.3	0.0	0.0	75491.39844	443.11	0	48.842473	-86.926149	56399.75	56247	2.97	56402.72	56368.23438	56376.79298	56277.58594	505418.6	5409947.1
L5420.3	0.0	0.0	75491.50000	443.14	0	48.842460	-86.926149	56396.27	56247	2.97	56399.24	56364.15625	56362.08364	56261.81641	505418.7	5409945.7
L5420.3	0.0	0.0	75491.60156	443.33	0	48.842449	-86.926148	56393.34	56247	2.97	56396.31	56360.63672	56359.03082	56257.70703	505418.7	5409944.5
L5420.3	0.0	0.0	75491.70313	442.88	0	48.842449	-86.926148	56390.23	56247	2.97	56393.20	56356.94141	56351.77608	56249.40625	505418.7	5409944.5
L5420.3	0.0	0.0	75491.79688	442.78	0	48.842434	-86.926148	56387.32	56247	2.97	56390.29	56353.46094	56348.55972	56245.15234	505418.8	5409942.8
L5420.3	0.0	0.0	75491.89844	445.72	0	48.842422	-86.926147	56383.84	56247	2.97	56386.81	56349.41406	56332.65500	56228.21875	505418.8	5409941.5
L5420.3	0.0	0.0	75492.00000	446.22	0	48.842408	-86.926147	56380.71	56247	2.97	56383.68	56345.73047	56324.02603	56218.57813	505418.8	5409939.8
L5420.3	0.0	0.0	75492.10156	446.34	0	48.842394	-86.926147	56378.11	56247	2.97	56381.08	56342.58594	56326.57123	56220.11719	505418.9	5409938.3
L5420.3	0.0	0.0	75492.20313	444.57	0	48.842394	-86.926147	56375.42	56247	2.98	56378.40	56339.37109	56327.03781	56219.58594	505418.9	5409938.3
L5420.3	0.0	0.0	75492.29688	443.78	0	48.842381	-86.926146	56373.06	56247	2.98	56376.03	56336.47656	56333.88356	56225.44922	505418.9	5409937.0
L5420.3	0.0	0.0	75492.39844	443.07	0	48.842381	-86.926146	56369.58	56247	2.98	56372.56	56332.49219	56316.48748	56207.08594	505418.9	5409937.0
L5420.3	0.0	0.0	75492.50000	442.83	0	48.842367	-86.926146	56366.85	56247	2.99	56369.83	56329.26172	56314.78781	56204.42969	505418.9	5409935.3
L5420.3	0.0	0.0	75492.60156	445.72	0	48.842351	-86.926146	56363.56	56247	2.99	56366.55	56325.48828	56300.76902	56189.46875	505418.9	5409933.6
L5420.3	0.0	0.0	75492.70313	445.34	0	48.842339	-86.926145	56361.06	56247	2.99	56364.05	56322.50781	56303.29722	56191.06641	505419.0	5409932.2
L5420.3	0.0	0.0	75492.79688	446.36	0	48.842326	-86.926145	56357.96	56247	2.99	56360.96	56318.94922	56292.62026	56179.47266	505419.0	5409930.8
L5420.3	0.0	0.0	75492.89844	444.14	0	48.842326	-86.926145	56355.01	56247	3.00	56358.01	56315.53906	56284.57821	56170.53516	505419.0	5409930.8
L5420.3	0.0	0.0	75493.00000	442.71	0	48.842312	-86.926144	56352.23	56247	3.00	56355.23	56312.31641	56279.81389	56164.88672	505419.0	5409929.3
L5420.3	0.0	0.0	75493.10156	445.31	0	48.842300	-86.926144	56349.42	56247	3.00	56352.42	56309.07031	56273.97687	56158.17969	505419.0	5409927.9
L5420.3	0.0	0.0	75493.20313	447.23	0	48.842300	-86.926144	56347.17	56247	3.00	56350.17	56306.39844	56279.86814	56163.21875	505419.0	5409927.9
L5420.3	0.0	0.0	75493.29688	448.46	0	48.842274	-86.926144	56344.34	56247	3.00	56347.35	56303.17188	56272.94678	56155.46094	505419.1	5409925.0
L5420.3	0.0	0.0	75493.39844	447.59	0	48.842274	-86.926144	56342.02	56247	3.00	56345.02	56300.44531	56276.21804	56157.91797	505419.1	5409925.0
L5420.3	0.0	0.0	75493.50000	447.58	0	48.842261	-86.926144	56338.45	56247	3.00	56341.45	56296.48828	56252.11500	56133.01563	505419.1	5409923.5
L5420.3	0.0	0.0	75493.60156	446.70	0	48.842261	-86.926144	56335.94	56247	3.01	56338.94	56293.60938	56250.56426	56130.68359	505419.1	5409923.5
L5420.3	0.0	0.0	75493.70313	443.50	0	48.842243	-86.926143	56332.86	56247	3.01	56335.87	56290.17969	56236.38741	56115.74219	505419.1	5409921.5
L5420.3	0.0	0.0	75493.79688	444.33	0	48.842236	-86.926143	56330.13	56247	3.01	56333.13	56287.09375	56228.89959	56107.51172	505419.1	5409920.7
L5420.3	0.0	0.0	75493.89844	444.22	0	48.842221	-86.926143	56327.55	56247	3.01	56330.56	56284.19141	56224.62007	56102.51172	505419.1	5409919.1
L5420.3	0.0	0.0	75494.00000	445.42	0	48.842210	-86.926143	56325.07	56247	3.01	56328.08	56281.39453	56221.80518	56098.99219	505419.1	5409917.9
L5420.3	0.0	0.0	75494.10156	443.85	0	48.842210	-86.926143	56322.95	56247	3.01	56325.96	56278.96875	56226.31009	56102.81641	505419.1	5409917.9
L5420.3	0.0	0.0	75494.20313	442.29	0	48.842195	-86.926143	56320.20	56247	3.02	56323.22	56275.93750	56216.85205	56092.69141	505419.1	5409916.3
L5420.3	0.0	0.0	75494.29688	443.54	0	48.842182	-86.926143	56317.92	56247	3.02	56320.94	56273.37891	56216.87216	56092.07031	505419.1	5409914.8
L5420.3	0.0	0.0	75494.39844	443.03	0	48.842170	-86.926143	56314.45	56247	3.02	56317.48	56269.65625	56190.75915	56065.33984	505419.1	5409913.5
L5420.3	0.0	0.0	75494.50000	444.51	0	48.842170	-86.926143	56312.46	56247	3.03	56315.49	56267.41406	56196.04001	56070.02734	505419.1	5409913.5
L5420.3	0.0	0.0	75494.60156	444.32	0	48.842154	-86.926143	56309.53	56247	3.03	56312.56	56264.25000	56180.38682	56053.79688	505419.1	5409911.7
L5420.3	0.0	0.0	75494.70313	446.08	0	48.842154	-86.926143	56307.49	56247	3.03	56310.52	56261.98828	56183.52441	56056.38281	505419.1	5409911.7
L5420.3	0.0	0.0	75494.79688	444.30	0	48.842140	-86.926143	56304.64	56247	3.03	56307.67	56258.92969	56168.53974	56040.86719	505419.1	5409910.2
L5420.3	0.0	0.0	75494.89844	442.26	0	48.842123	-86.926143	56302.58	56247	3.04	56305.62	56256.68359	56170.38178	56042.20313	505419.1	5409908.2
L5420.3	0.0	0.0	75495.00000	440.87	0	48.842112	-86.926143	56300.40	56247	3.04	56303.44	56254.32422	56168.85507	56040.19922	505419.1	5409907.0
L5420.3	0.0	0.0	75495.10156	440.89	0	48.842112	-86.926143	56297.99	56247	3.04	56301.03	56251.75000	56161.78407	56032.66797	505419.1	5409907.0
L5420.3	0.0	0.0	75495.20313	442.00	0	48.842095	-86.926143	56296.39	56247	3.04	56299.43	56249.99609	56171.74347	56042.19531	505419.1	5409905.1
L5420.3	0.0	0.0	75495.29688	442.30	0	48.842083	-86.926143	56293.83	56247	3.04	56296.87	56247.30078	56160.30170	56030.34375	505419.1	5409903.7

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5420.3	0.0	0.0	75495.39844	442.76	0	48.842083	-86.926143	56291.97	56247	3.04	56295.01	56245.31641	56163.49444	56033.15234	505419.1	5409903.7
L5420.3	0.0	0.0	75495.50000	443.84	0	48.842067	-86.926144	56289.30	56247	3.04	56292.34	56242.53906	56148.53532	56017.83984	505419.1	5409902.0
L5420.3	0.0	0.0	75495.60156	442.10	0	48.842056	-86.926144	56287.88	56247	3.04	56290.92	56241.02344	56160.14476	56029.11719	505419.1	5409900.8
L5420.3	0.0	0.0	75495.70313	442.87	0	48.842056	-86.926144	56285.88	56247	3.04	56288.92	56238.94141	56158.58952	56027.25391	505419.1	5409900.8
L5420.3	0.0	0.0	75495.79688	443.41	0	48.842045	-86.926145	56284.29	56247	3.04	56287.33	56237.28516	56165.36025	56033.74219	505419.0	5409899.5
L5420.3	0.0	0.0	75495.89844	441.28	0	48.842031	-86.926145	56281.66	56247	3.04	56284.70	56234.60156	56148.97426	56017.10156	505419.0	5409898.0
L5420.3	0.0	0.0	75496.00000	442.80	0	48.842019	-86.926145	56279.37	56247	3.04	56282.41	56232.27344	56139.38979	56007.29297	505419.0	5409896.7
L5420.3	0.0	0.0	75496.10156	443.04	0	48.842019	-86.926145	56277.61	56247	3.04	56280.65	56230.48828	56140.72988	56008.42969	505419.0	5409896.7
L5420.3	0.0	0.0	75496.20313	441.61	0	48.842005	-86.926146	56275.70	56247	3.04	56278.74	56228.57031	56138.22967	56005.75781	505419.0	5409895.1
L5420.3	0.0	0.0	75496.29688	442.30	0	48.841990	-86.926146	56274.04	56247	3.05	56277.08	56226.91406	56140.57191	56007.94922	505418.9	5409893.5
L5420.3	0.0	0.0	75496.39844	442.09	0	48.841981	-86.926146	56271.76	56247	3.05	56274.81	56224.66016	56129.08436	55996.34375	505418.9	5409892.5
L5420.3	0.0	0.0	75496.50000	443.93	0	48.841981	-86.926146	56270.27	56246.9	3.05	56273.32	56223.20313	56133.94371	56001.11328	505418.9	5409892.5
L5420.3	0.0	0.0	75496.60156	445.13	0	48.841968	-86.926146	56268.06	56246.9	3.05	56271.11	56221.03516	56122.58350	55989.68750	505418.9	5409890.9
L5420.3	0.0	0.0	75496.70313	446.43	0	48.841952	-86.926147	56266.66	56246.9	3.05	56269.71	56219.69531	56128.22040	55995.28906	505418.9	5409889.2
L5420.3	0.0	0.0	75496.79688	445.45	0	48.841941	-86.926147	56264.57	56246.9	3.06	56267.62	56217.67578	56118.28847	55985.34766	505418.9	5409888.0
L5420.3	0.0	0.0	75496.89844	445.20	0	48.841941	-86.926147	56263.16	56246.9	3.06	56266.22	56216.36328	56122.74832	55989.82813	505418.9	5409888.0
L5420.3	0.0	0.0	75497.00000	443.45	0	48.841929	-86.926147	56261.71	56246.9	3.06	56264.77	56215.01172	56125.53451	55992.66406	505418.9	5409886.6
L5420.3	0.0	0.0	75497.10156	442.98	0	48.841911	-86.926147	56260.20	56246.9	3.06	56263.26	56213.61328	56126.43054	55993.63281	505418.9	5409884.7
L5420.3	0.0	0.0	75497.20313	441.11	0	48.841911	-86.926147	56259.25	56246.9	3.06	56262.31	56212.78906	56138.89775	56006.20313	505418.9	5409884.7
L5420.3	0.0	0.0	75497.29688	439.63	0	48.841900	-86.926147	56256.68	56246.9	3.06	56259.74	56210.35547	56115.60834	55983.04688	505418.8	5409883.5
L5420.3	0.0	0.0	75497.39844	441.04	0	48.841884	-86.926147	56255.60	56246.9	3.06	56258.67	56209.43750	56124.30043	55991.89844	505418.9	5409881.7
L5420.3	0.0	0.0	75497.50000	442.88	0	48.841884	-86.926147	56253.16	56246.9	3.06	56256.22	56207.14844	56102.44932	55970.23828	505418.9	5409881.7
L5420.3	0.0	0.0	75497.60156	441.01	0	48.841871	-86.926147	56252.18	56246.9	3.07	56255.25	56206.35547	56112.14889	55980.15234	505418.9	5409880.2
L5420.3	0.0	0.0	75497.70313	441.77	0	48.841871	-86.926147	56250.18	56246.9	3.07	56253.24	56204.53516	56098.69068	55966.94141	505418.9	5409880.2
L5420.3	0.0	0.0	75497.79688	441.21	0	48.841855	-86.926147	56249.35	56246.9	3.07	56252.42	56203.91406	56110.49142	55979.01172	505418.9	5409878.5
L5420.3	0.0	0.0	75497.89844	440.06	0	48.841844	-86.926147	56248.18	56246.9	3.07	56251.25	56202.95703	56114.11940	55982.94531	505418.9	5409877.2
L5420.3	0.0	0.0	75498.00000	439.00	0	48.841844	-86.926147	56246.85	56246.9	3.07	56249.92	56201.85156	56113.70235	55982.85547	505418.9	5409877.2
L5420.3	0.0	0.0	75498.10156	438.39	0	48.841833	-86.926147	56245.32	56246.9	3.07	56248.40	56200.57031	56108.59188	55978.10547	505418.9	5409876.0
L5420.3	0.0	0.0	75498.20313	440.12	0	48.841820	-86.926147	56243.51	56246.9	3.08	56246.58	56198.99609	56096.40297	55966.30078	505418.9	5409874.6
L5420.3	0.0	0.0	75498.29688	439.63	0	48.841808	-86.926147	56242.79	56246.9	3.08	56245.87	56198.54688	56107.75079	55978.06250	505418.9	5409873.2
L5420.3	0.0	0.0	75498.39844	441.14	0	48.841808	-86.926147	56241.06	56246.9	3.08	56244.15	56197.09766	56096.61260	55967.36328	505418.9	5409873.2
L5420.3	0.0	0.0	75498.50000	440.49	0	48.841795	-86.926146	56240.93	56246.9	3.08	56244.01	56197.23828	56119.22234	55990.44531	505418.9	5409871.7
L5420.3	0.0	0.0	75498.60156	441.44	0	48.841784	-86.926146	56239.43	56246.9	3.09	56242.51	56196.03125	56111.75506	55983.47266	505418.9	5409870.5
L5420.3	0.0	0.0	75498.70313	443.51	0	48.841773	-86.926146	56238.84	56246.9	3.09	56241.93	56195.75391	56123.71482	55995.95313	505419.0	5409869.3
L5420.3	0.0	0.0	75498.79688	443.90	0	48.841773	-86.926146	56236.90	56246.9	3.09	56239.99	56194.12891	56105.60593	55978.39453	505419.0	5409869.3
L5420.3	0.0	0.0	75498.89844	441.90	0	48.841756	-86.926146	56235.93	56246.9	3.10	56239.03	56193.49219	56108.23543	55981.60156	505419.0	5409867.5
L5420.3	0.0	0.0	75499.00000	441.01	0	48.841743	-86.926146	56235.26	56246.9	3.10	56238.36	56193.15625	56116.62768	55990.59766	505419.0	5409866.0
L5420.3	0.0	0.0	75499.10156	440.80	0	48.841743	-86.926146	56234.29	56246.9	3.10	56237.39	56192.53125	56117.97824	55992.57813	505419.0	5409866.0
L5420.3	0.0	0.0	75499.20313	439.66	0	48.841728	-86.926146	56233.28	56246.9	3.10	56236.38	56191.87500	56117.93675	55993.19141	505419.0	5409864.3
L5420.3	0.0	0.0	75499.29688	438.58	0	48.841715	-86.926146	56231.22	56246.9	3.10	56234.32	56190.17578	56094.58067	55970.51563	505419.0	5409862.9
L5420.3	0.0	0.0	75499.39844	438.39	0	48.841705	-86.926146	56230.57	56246.9	3.10	56233.67	56189.90234	56101.32302	55977.96484	505419.0	5409861.8
L5420.3	0.0	0.0	75499.50000	438.40	0	48.841694	-86.926146	56229.32	56246.9	3.10	56232.42	56189.03125	56094.53100	55971.90625	505419.0	5409860.6
L5420.3	0.0	0.0	75499.60156	437.31	0	48.841694	-86.926146	56228.53	56246.9	3.09	56231.62	56188.62500	56097.00607	55975.14063	505419.0	5409860.6
L5420.3	0.0	0.0	75499.60156	437.31	0	48.841681	-86.926146	56228.10	56246.9	3.09	56231.19	56188.59375	56107.01696	55985.92969	505419.0	5409859.0
L5420.3	0.0	0.0	75499.79688	438.42	0	48.841681	-86.926146	56227.76	56246.9	3.09	56230.85	56188.66016	56118.49036	55998.21094	505419.0	5409859.0
L5420.3	0.0	0.0	75499.89844	436.93	0	48.841669	-86.926146	56226.86	56246.9	3.09	56229.95	56188.17578	56117.32021	55997.86719	505419.0	5409857.7
L5420.3	0.0	0.0	75500.00000	437.25	0	48.841656	-86.926146	56225.34	56246.9	3.09	56228.43	56187.08203	56102.20972	55983.60938	505419.0	5409856.3
L5420.3	0.0	0.0	75500.10156	438.17	0	48.841645	-86.926146	56224.53	56246.9	3.09	56227.62	56186.70313	56102.03981	55984.31641	505419.0	5409855.1
L5420.3	0.0	0.0	75500.20313	438.61	0	48.841634	-86.926146	56223.17	56246.9	3.09	56226.26	56185.78125	56089.46124	55972.63281	505419.0	5409853.8
L5420.3	0.0	0.0	75500.29688	437.07	0	48.841634	-86.926146	56223.22	56246.9	3.09	56226.31	56186.27734	56107.03269	55991.12109	505419.0	5409853.8
L5420.3	0.0	0.0	75500.39844	436.99	0	48.841620	-86.926146	56222.48	56246.9	3.09	56225.56	56185.98047	56106.78010	55991.80859	505419.0	5409852.3
L5420.3	0.0	0.0	75500.50000	445.82	0	48.841605	-86.926146	56222.14	56246.9	3.08	56225.23	56186.10938	56115.19648	56001.18750	505419.0	5409850.7
L5420.3	0.0	0.0	75500.60156	447.01	0	48.841605	-86.926146	56220.93	56246.9	3.08	56224.01	56185.35938	56103.84735	55990.82031	505419.0	5409850.7
L5420.3	0.0	0.0	75500.70313	447.70	0	48.841593	-86.926146	56219.86	56246.9	3.08	56222.95	56184.76953	56095.53503	55983.50781	505419.0	5409849.3
L5420.3	0.0	0.0	75500.79688	451.50	0	48.841583	-86.926146	56219.42	56246.9	3.08	56222.50	56184.80078	56100.03560	55989.02734	505419.0	5409848.2
L5420.3	0.0	0.0	75500.89844	443.60	0	48.841569	-86.926146	56218.63	56246.9	3.08	56221.71	56184.49219	56096.73047	55986.75781	505419.0	5409846.6
L5420.3	0.0	0.0	75501.00000	445.35	0	48.841569	-86.926146	56218.49	56246.9	3.08	56221.57	56184.84375	56107.11944	55998.20313	505419.0	5409846.6
L5420.3	0.0	0.0	75501.10156	446.52	0	48.841558	-86.926145	56217.66	56246.9	3.08	56220.74	56184.50781	56102.11688	55994.27734	505419.0	5409845.4
L5420.3	0.0	0.0	75501.20313	444.81	0	48.841544	-86.926145	56217.54	56246.9	3.08	56220.62	56184.88672	56112.12394	56005.37109	505419.1	5409843.9
L5420.3	0.0	0.0	75501.29688	444.01	0	48.841544	-86.926145	56216.52	56246.9	3.08	56219.60	56184.37500	56102.19317	55996.54297	505419.1	5409843.9
L5420.3	0.0	0.0	75501.39844	444.93	0	48.841533	-86.926145	56216.31	56246.9	3.08	56219.39	56184.67188	56109.45602	56004.92578	505419.1	5409842.6
L5420.3	0.0	0.0	75501.50000	455.65	0	48.841520	-86.926144	56215.58	56246.9	3.08	56218.66	56184.45703	56105.04400	56001.65234	505419.1	5409841.2
L5420.3	0.0	0.0	75501.60156	456.54	0	48.841509	-86.926144	56215.09	56246.9	3.07	56218.16	56184.47266	56105.24645	56003.00391	505419.1	5409840.0
L5420.3	0.0	0.0	75501.70313	455.37	0	48.841496	-86.926144	56214.92	56246.9	3.07	56218.00	56184.83594	56112.45801	56011.37500	505419.1	5409838.5
L5420.3	0.0	0.0	75501.79688	454.24	0	48.841496	-86.926144	56214.44	56246.9	3.07	56217.51	56184.86719	56112.13911	56012.22656	505419.1	5409838.5
L5420.3	0.0	0.0	75501.89844	457.25	0	48.841484	-86.926144	56214.36	56246.9	3.07	56217.43	56185.31641	56120.36198	56021.63672	505419.2	5409837.2
L5420.3	0.0	0.0	75502.00000	455.45	0	48.841471	-86.926144	56213.23	56246.9	3.07	56216.30	56184.71875	56105.43572	56007.90625	505419.2	5409835.8
L5420.3	0.0	0.0	75502.10156	452.89	0	48.841471	-86.926144	56213.12	56246.9	3.07	56216.19	56185.14063	56112.30751	56015.98438	505419.2	5409835.8
L5420.3	0.0	0.0	75502.20313	445.11	0	48.841458	-86.926143	56212.50	56246.9	3.07	56215.57	56185.05469	56107.76667	56012.65625	505419.2	5409834.3
L5420.3	0.0	0.0	75502.29688	443.57	0	48.841448	-86.926143	56212.76	56246.9	3.07	56215.84	56185.86328	56122.21430	56028.32813	505419.2	5409833.1
L5420.3	0.0	0.0	75502.39844	449.61	0	48.841437	-86.926143	56212.04	56246.9	3.07	56215.11	56185.67188	56114.62390	56021.96875	505419.2	5409832.0
L5420.3	0.0	0.0	75502.50000	448.05	0	48.841437	-86.926143	56211.86	56246.9	3.07	56214.93	56186.03516	56118.65310	56027.23438	505419.2	5409832.0
L5420.3	0.0	0.0	75502.60156	446.82	0	48.841426	-86.926143	56211.68	56246.9	3.08	56214.76	56186.41016	56122.58454	56032.41016	505419.2	5409830.7
L5420.3	0.0	0.0	75502.70313	449.01	0	48.841426	-86.926143	56211.25	56246.9	3.08	56214.33	56186.52344	56120.56266	56031.63672	505419.2	5409830.7
L5420.3	0.0	0.0	75502.79688	446.36	0	48.841415	-86.926143	56211.25	56246.9	3.08	56214.33	56187.06641	56127.57397	56039.90234	505419.2	5409829.5
L5420.3	0.0	0.0	75502.89844	448.72	0	48.841404	-86.926144	56210.77	56246.9	3.08	56213.85	56187.13281	56123.86814	56037.45313	505419.2	5409828.3
L5420.3	0.0	0.0	75503.00000	447.88	0	48.841404	-86.926144	56211.00	56246.9	3.08	56214.08	56187.91016	56135.28688	56050.12891	505419.2	5409828.3
L5420.3	0.0	0.0	75503.10156	451.79	0	48.841388	-86.926144	56210.53	56246.9	3.08	56213.61	56187.98828	56131.22454	56047.33203	505419.2	5409826.5
L5420.3	0.0	0.0	75503.20313	440.04	0	48.841380	-86.926144	56210.84	56246.9	3.08	56213.93	56188.85547	56144.03594	56061.40234	505419.2	5409825.6
L5420.3	0.0	0.0	75503.29688	440.75	0	48.841372	-86.926144	56210.48	56246.9	3.08	56213.57	56189.04297	56141.81275	56060.44141	505419.2	5409824.7
L5420.3	0.0	0.0	75503.39844	439.64	0	48.841361	-86.926144	56210.76	56246.9	3.08	56213.84	56189.85938	56153.00184	56072.89453	505419.2	5409823.6
L5420.3	0.0	0.0	75503.50000	438.32	0	48.841361	-86.926144	56210.46	56246.9	3.08	56213.55	56190.11328	56151.77378	56072.92578	505419.2	5409823.6
L5420.3	0.0	0.0	75503.60156	440.05	0	48.841347	-86.926144	56210.04	56246.9	3.09	56213.13	56190.23828	56147.47014	56069.88281	505419.2	5409822.0
L5420.3	0.0	0.0	75503.70313	444.16	0	48.841338	-86.926144	56209.73	56246.9	3.09	56212.81	56190.46484	56145.09038	56068.75781	505419.1	5409821.0
L5420.3	0.0	0.0	75503.79688	445.19	0	48.841338	-86.926144	56209.48	56246.9	3.09	56212.57	56190.76563	56144.20631	56069.12500	505419.1	5409821.0
L5420.3	0.0	0.0	75503.89844	445.10	0	48.841326	-86.926144	56209.38	56246.9	3.09	56212.47	56191.20703	56146.12655	56072.29297	505419.1	5409819.6
L5420.3	0.0	0.0	75504.00000	443.93	0	48.841317	-86.926145	56209.34	56246.9	3.09	56212.43	56191.71094	56149.12026	56076.52734	505419.1	5409818.6
L5420.3	0.0	0.0	75504.10156	444.45	0	48.841317	-86.926145	56209.79	56246.9	3.09	56212.88	56192.69922	56162.52893	56091.17188	505419.1	5409818.6
L5420.3	0.0	0.0	75504.20313	445.46	0	48.841299	-86.926145	56209.74	56246.9	3.09	56212.83	56193.18359	56164.86514	56094.73828	505419.1	5409816.6
L5420.3	0.0	0.0	75504.29688	444.26	0	48.841299	-86.926145	56209.93	56246.9	3.09	56213.02	56193.91016	56172.20063	56103.29297	505419.1	5409816.6
L5420.3	0.0	0.0	75504.39844	444.82	0	48.841288	-86.926145	56209.64	56246.9	3.09	56212.74	56194.16406	56169.12691	56101.42969	505419.1	5409815.4
L5420.3	0.0	0.0	75504.50000	443.14	0	48.841281	-86.926145	56209.34	56246.9	3.10	56212.44	56194.39063	56165.41967	56098.92578	505419.1	5409814.6
L5420.3	0.0	0.0	75504.60156	443.21	0	48.841281	-86.926145	56209.21	56246.9	3.10	56212.30	56194.78125	56164.99277	56099.69141	505419.1	5409814.6

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5420.3	0.0	0.0	75504.70313	443.34	0	48.841272	-86.926146	56209.18	56246.9	3.10	56212.28	56195.28516	56166.98378	56102.86328	505419.0	5409813.6
L5420.3	0.0	0.0	75504.79688	441.59	0	48.841265	-86.926146	56209.36	56246.9	3.10	56212.46	56195.98828	56173.13553	56110.18359	505419.0	5409812.9
L5420.3	0.0	0.0	75504.89844	439.86	0	48.841265	-86.926146	56209.21	56246.9	3.10	56212.31	56196.35547	56171.94745	56110.15234	505419.0	5409812.9
L5420.3	0.0	0.0	75505.00000	437.49	0	48.841257	-86.926146	56209.21	56246.9	3.10	56212.31	56196.87109	56173.84662	56113.19531	505419.0	5409811.9
L5420.3	0.0	0.0	75505.10156	436.50	0	48.841248	-86.926146	56208.79	56246.9	3.10	56211.89	56196.96484	56166.46408	56106.94531	505419.0	5409811.0
L5420.3	0.0	0.0	75505.20313	438.82	0	48.841240	-86.926146	56208.93	56246.9	3.10	56212.03	56197.61328	56171.08220	56112.67969	505419.0	5409810.0
L5420.3	0.0	0.0	75505.29688	439.06	0	48.841228	-86.926146	56208.80	56246.9	3.10	56211.90	56197.98828	56169.68737	56112.38672	505419.0	5409808.7
L5420.3	0.0	0.0	75505.39844	439.85	0	48.841220	-86.926146	56209.08	56246.9	3.10	56212.18	56198.77344	56177.04883	56120.83203	505419.0	5409807.9
L5420.3	0.0	0.0	75505.50000	439.49	0	48.841220	-86.926146	56208.70	56246.9	3.10	56211.80	56198.89063	56169.94253	56114.79297	505419.0	5409807.9
L5420.3	0.0	0.0	75505.60156	440.50	0	48.841213	-86.926146	56208.65	56246.9	3.10	56211.75	56199.33594	56169.86804	56115.77344	505419.0	5409807.0
L5420.3	0.0	0.0	75505.70313	439.85	0	48.841203	-86.926146	56208.75	56246.9	3.10	56211.85	56199.92578	56172.92371	56119.86328	505419.0	5409806.0
L5420.3	0.0	0.0	75505.79688	449.03	0	48.841203	-86.926146	56208.75	56246.9	3.10	56211.85	56200.41016	56173.68819	56121.64063	505419.0	5409806.0
L5420.3	0.0	0.0	75505.89844	448.22	0	48.841194	-86.926146	56208.85	56246.9	3.10	56211.95	56200.99219	56176.50989	56125.46094	505419.0	5409805.0
L5420.3	0.0	0.0	75506.00000	451.11	0	48.841186	-86.926146	56208.68	56246.9	3.10	56211.78	56201.30078	56173.36230	56123.29297	505419.0	5409804.1
L5420.3	0.0	0.0	75506.10156	450.81	0	48.841178	-86.926146	56208.49	56246.9	3.10	56211.59	56201.58594	56169.67945	56120.57031	505419.0	5409803.1
L5420.3	0.0	0.0	75506.20313	453.23	0	48.841178	-86.926146	56208.39	56246.9	3.10	56211.49	56201.95703	56167.85595	56119.68359	505419.0	5409803.1
L5420.3	0.0	0.0	75506.29688	455.97	0	48.841168	-86.926146	56208.46	56246.9	3.10	56211.56	56202.49219	56169.63515	56122.37891	505419.0	5409802.1
L5420.3	0.0	0.0	75506.39844	457.97	0	48.841164	-86.926146	56208.49	56246.9	3.10	56211.59	56202.98047	56170.46440	56124.10547	505419.0	5409801.6
L5420.3	0.0	0.0	75506.50000	442.89	0	48.841157	-86.926146	56208.65	56246.9	3.10	56211.75	56203.59766	56174.04110	56128.55859	505419.0	5409800.9
L5420.3	0.0	0.0	75506.60156	443.34	0	48.841151	-86.926146	56208.68	56246.9	3.10	56211.78	56204.07813	56174.72719	56130.09766	505419.0	5409800.2
L5420.3	0.0	0.0	75506.70313	443.15	0	48.841151	-86.926146	56208.77	56246.9	3.10	56211.87	56204.61719	56176.65437	56132.85547	505419.0	5409800.2
L5420.3	0.0	0.0	75506.79688	443.04	0	48.841146	-86.926146	56208.57	56246.9	3.10	56211.67	56204.85547	56172.23074	56129.23828	505419.0	5409799.6
L5420.3	0.0	0.0	75506.89844	450.97	0	48.841146	-86.926146	56208.16	56246.9	3.10	56211.26	56204.88281	56163.19996	56120.99219	505419.0	5409799.6
L5420.3	0.0	0.0	75507.00000	450.91	0	48.841137	-86.926146	56208.25	56246.9	3.10	56211.35	56205.40625	56164.98336	56123.53906	505419.0	5409798.7
L5420.3	0.0	0.0	75507.10156	450.83	0	48.841130	-86.926146	56208.34	56246.9	3.10	56211.44	56205.92578	56166.73262	56126.02734	505419.0	5409797.8
L5420.3	0.0	0.0	75507.20313	449.73	0	48.841124	-86.926146	56208.49	56246.9	3.10	56211.59	56206.50000	56169.75732	56129.76563	505419.0	5409797.2
L5420.3	0.0	0.0	75507.29688	449.21	0	48.841124	-86.926146	56208.54	56246.9	3.10	56211.64	56206.96484	56170.59082	56131.28906	505419.0	5409797.2
L5420.3	0.0	0.0	75507.39844	449.29	0	48.841116	-86.926146	56208.60	56246.9	3.10	56211.69	56207.42969	56171.41121	56132.77734	505419.0	5409796.2
L5420.3	0.0	0.0	75507.50000	450.16	0	48.841110	-86.926146	56208.93	56246.9	3.09	56212.02	56208.16797	56178.30455	56140.31250	505419.0	5409795.7
L5420.3	0.0	0.0	75507.60156	451.88	0	48.841104	-86.926146	56209.14	56246.9	3.09	56212.24	56208.79297	56182.81088	56145.43359	505419.0	5409794.9
L5420.3	0.0	0.0	75507.70313	453.18	0	48.841104	-86.926146	56209.06	56246.9	3.09	56212.15	56209.10156	56180.59528	56143.81250	505419.0	5409794.9
L5420.3	0.0	0.0	75507.79688	454.17	0	48.841097	-86.926146	56209.03	56246.9	3.09	56212.12	56209.46484	56179.69784	56143.48047	505419.0	5409794.2
L5420.3	0.0	0.0	75507.89844	455.21	0	48.841092	-86.926146	56209.08	56246.9	3.09	56212.17	56209.90625	56180.56002	56144.88672	505419.0	5409793.6
L5420.3	0.0	0.0	75508.00000	453.34	0	48.841092	-86.926146	56209.18	56246.9	3.09	56212.27	56210.39063	56182.53774	56147.38281	505419.0	5409793.6
L5420.3	0.0	0.0	75508.10156	443.65	0	48.841085	-86.926146	56209.31	56246.9	3.09	56212.40	56210.89844	56185.20410	56150.54297	505419.0	5409792.9
L5420.3	0.0	0.0	75508.20313	443.83	0	48.841078	-86.926147	56209.03	56246.9	3.09	56212.12	56210.99219	56179.01374	56144.82031	505419.0	5409792.1
L5420.3	0.0	0.0	75508.29688	443.38	0	48.841078	-86.926147	56209.04	56246.9	3.09	56212.13	56211.37500	56179.17133	56145.42188	505419.0	5409792.1
L5420.3	0.0	0.0	75508.39844	442.83	0	48.841073	-86.926147	56209.21	56246.9	3.09	56212.30	56211.91016	56182.86179	56149.53125	505419.0	5409791.5
L5420.3	0.0	0.0	75508.50000	440.10	0	48.841068	-86.926147	56209.13	56246.9	3.09	56212.22	56212.19141	56181.19112	56148.25391	505418.9	5409790.9
L5420.3	0.0	0.0	75508.60156	440.18	0	48.841063	-86.926148	56209.36	56246.9	3.09	56212.45	56212.77734	56186.32449	56153.75781	505418.9	5409790.4
L5420.3	0.0	0.0	75508.70313	442.29	0	48.841063	-86.926148	56209.28	56246.9	3.09	56212.37	56213.05078	56184.80864	56152.58984	505418.9	5409790.4
L5420.3	0.0	0.0	75508.79688	442.96	0	48.841058	-86.926148	56209.47	56246.9	3.09	56212.56	56213.58984	56189.24291	56157.34375	505418.9	5409789.8
L5420.3	0.0	0.0	75508.89844	443.02	0	48.841052	-86.926148	56209.41	56246.9	3.09	56212.50	56213.87109	56188.34506	56156.74219	505418.9	5409789.2
L5420.3	0.0	0.0	75509.00000	443.37	0	48.841052	-86.926148	56209.51	56246.9	3.09	56212.60	56214.31250	56191.02354	56159.69531	505418.9	5409789.2
L5420.3	0.0	0.0	75509.10156	445.11	0	48.841047	-86.926149	56209.50	56246.9	3.09	56212.59	56214.63672	56191.42366	56160.34766	505418.8	5409788.6
L5420.3	0.0	0.0	75509.20313	444.34	0	48.841043	-86.926149	56209.21	56246.9	3.09	56212.30	56214.67578	56185.86168	56155.01172	505418.8	5409788.1
L5420.3	0.0	0.0	75509.29688	443.96	0	48.841038	-86.926150	56209.36	56246.9	3.09	56212.45	56215.15234	56189.97619	56159.32813	505418.8	5409787.6
L5420.3	0.0	0.0	75509.39844	442.78	0	48.841038	-86.926150	56209.26	56246.9	3.09	56212.35	56215.37500	56188.79385	56158.32813	505418.8	5409787.6
L5420.3	0.0	0.0	75509.50000	442.12	0	48.841034	-86.926150	56209.31	56246.9	3.09	56212.40	56215.74219	56191.00572	56160.69922	505418.7	5409787.1
L5420.3	0.0	0.0	75509.60156	440.98	0	48.841029	-86.926151	56209.20	56246.9	3.09	56212.28	56215.93750	56189.67119	56159.50000	505418.7	5409786.6
L5420.3	0.0	0.0	75509.70313	442.76	0	48.841024	-86.926151	56209.48	56246.9	3.09	56212.57	56216.53906	56197.38903	56167.33594	505418.7	5409786.1
L5420.3	0.0	0.0	75509.79688	441.29	0	48.841024	-86.926151	56209.66	56246.9	3.09	56212.75	56217.02734	56202.87631	56172.91797	505418.7	5409786.1
L5420.3	0.0	0.0	75509.89844	440.68	0	48.841021	-86.926151	56209.68	56246.9	3.09	56212.77	56217.35156	56205.05397	56175.16797	505418.7	5409785.7
L5420.3	0.0	0.0	75510.00000	441.27	0	48.841021	-86.926151	56209.54	56246.9	3.09	56212.63	56217.51172	56203.92830	56174.09766	505418.7	5409785.7
L5420.3	0.0	0.0	75510.10156	441.18	0	48.841017	-86.926152	56209.76	56246.9	3.09	56212.85	56218.02734	56210.79495	56181.00000	505418.6	5409785.3
L5420.3	0.0	0.0	75510.20313	439.01	0	48.841013	-86.926152	56209.70	56246.9	3.09	56212.79	56218.26172	56211.76523	56181.98438	505418.6	5409784.8
L5420.3	0.0	0.0	75510.29688	440.15	0	48.841009	-86.926153	56209.46	56246.9	3.09	56212.55	56218.31250	56209.01609	56179.23438	505418.6	5409784.4
L5420.3	0.0	0.0	75510.39844	437.78	0	48.841009	-86.926153	56209.38	56246.9	3.09	56212.47	56218.51953	56209.93481	56180.13281	505418.6	5409784.4
L5420.3	0.0	0.0	75510.50000	439.66	0	48.841005	-86.926153	56209.42	56246.9	3.09	56212.51	56218.84375	56213.65854	56183.81641	505418.5	5409784.0
L5420.3	0.0	0.0	75510.60156	440.85	0	48.841002	-86.926153	56209.36	56246.9	3.09	56212.45	56219.06250	56215.41633	56185.51953	505418.5	5409783.6
L5420.3	0.0	0.0	75510.70313	441.31	0	48.840999	-86.926154	56209.46	56246.9	3.09	56212.55	56219.44141	56220.85812	56190.89063	505418.5	5409783.3
L5420.3	0.0	0.0	75510.79688	441.14	0	48.840999	-86.926154	56209.64	56246.9	3.09	56212.73	56219.89844	56228.25206	56198.19922	505418.5	5409783.3
L5420.3	0.0	0.0	75510.89844	444.06	0	48.840996	-86.926154	56210.03	56246.9	3.09	56213.12	56220.56250	56240.42532	56210.26953	505418.4	5409783.0
L5420.3	0.0	0.0	75511.00000	443.95	0	48.840993	-86.926154	56209.82	56246.9	3.09	56212.91	56220.62109	56239.79697	56209.52734	505418.4	5409782.6
L5420.3	0.0	0.0	75511.10156	441.79	0	48.840993	-86.926154	56209.78	56246.9	3.09	56212.87	56220.85156	56243.08848	56212.68750	505418.4	5409782.6
L5420.3	0.0	0.0	75511.20313	439.80	0	48.840991	-86.926155	56209.48	56246.9	3.09	56212.57	56220.81641	56240.96846	56210.42578	505418.4	5409782.3
L5420.3	0.0	0.0	75511.29688	438.84	0	48.840987	-86.926155	56209.79	56246.9	3.09	56212.88	56221.39453	56252.32898	56221.63281	505418.4	5409782.0
L5420.3	0.0	0.0	75511.39844	440.78	0	48.840985	-86.926155	56209.98	56246.9	3.09	56213.06	56221.83594	56261.10794	56230.24609	505418.4	5409781.7
L5420.3	0.0	0.0	75511.50000	441.28	0	48.840985	-86.926155	56210.20	56246.9	3.08	56213.28	56222.31641	56270.99955	56239.96484	505418.4	5409781.7
L5420.3	0.0	0.0	75511.60156	442.96	0	48.840983	-86.926154	56209.98	56246.9	3.08	56213.06	56222.35547	56271.58596	56240.36328	505418.4	5409781.5
L5420.3	0.0	0.0	75511.70313	445.31	0	48.840981	-86.926154	56209.89	56246.9	3.08	56212.98	56222.53516	56275.46219	56244.04688	505418.4	5409781.2
L5420.3	0.0	0.0	75511.79688	445.29	0	48.840978	-86.926154	56210.11	56246.9	3.08	56213.19	56223.00000	56285.88748	56254.26953	505418.4	5409781.0
L5420.3	0.0	0.0	75511.89844	445.97	0	48.840978	-86.926154	56210.12	56246.9	3.08	56213.20	56223.26563	56292.22609	56260.39844	505418.4	5409781.0
L5420.3	0.0	0.0	75512.00000	446.05	0	48.840976	-86.926154	56210.06	56246.9	3.08	56213.14	56223.46094	56297.30252	56265.25781	505418.4	5409780.8
L5420.3	0.0	0.0	75512.10156	446.39	0	48.840975	-86.926154	56209.92	56246.9	3.08	56212.99	56223.56250	56300.68441	56268.41797	505418.4	5409780.6
L5420.3	0.0	0.0	75512.20313	446.84	0	48.840975	-86.926154	56209.63	56246.9	3.07	56212.70	56223.52734	56301.28783	56268.79297	505418.4	5409780.6
L5420.3	0.0	0.0	75512.29688	447.34	0	48.840973	-86.926155	56209.56	56246.9	3.07	56212.63	56223.70703	56306.92987	56274.20313	505418.4	5409780.4
L5420.3	0.0	0.0	75512.39844	452.16	0	48.840972	-86.926155	56209.62	56246.9	3.06	56212.68	56224.00781	56315.44051	56282.48047	505418.4	5409780.3
L5420.3	0.0	0.0	75512.50000	451.49	0	48.840972	-86.926155	56209.63	56246.9	3.06	56212.69	56224.26953	56323.34681	56290.14844	505418.4	5409780.3
L5420.3	0.0	0.0	75512.60156	451.25	0	48.840971	-86.926156	56209.11	56246.9	3.06	56212.16	56223.98828	56319.79399	56286.35938	505418.3	5409780.2
L5420.3	0.0	0.0	75512.70313	452.76	0	48.840970	-86.926156	56209.69	56246.9	3.05	56212.74	56224.82031	56340.60454	56306.92969	505418.3	5409780.1
L5470.0	505471.9	5409679.2	15062.59961	316.43	48.83	48.840062	-86.925427	56050.43	56243.3	6.68	56057.10	56098.07031	56100.21788	56134.06250	505471.9	5409679.2
L5470.0	505471.9	5409679.0	15062.70020	315.79	49.03	48.840060	-86.925427	56050.16	56243.3	6.68	56056.83	56097.89453	56093.17162	56127.18359	505471.9	5409679.0
L5470.0	505471.9	5409678.8	15062.79981	316.13	49.03	48.840059	-86.925427	56049.97	56243.3	6.67	56056.64	56097.79688	56088.41234	56122.58984	505471.9	5409678.8
L5470.0	505471.9	5409678.8	15062.90039	316.70	49.03	48.840059	-86.925427	56049.80	56243.3	6.67	56056.47	56097.71875	56084.50772	56118.85156	505471.9	5409678.8
L5470.0	505471.9	5409678.7	15063.00000	318.80	46.86	48.840057	-86.925426	56049.59	56243.3	6.67	56056.26	56097.60156	56084.33893	56118.84766	505471.9	5409678.7
L5470.0	505472.0	5409678.5	15063.00000	318.80	47.18	48.840056	-86.925426	56049.36	56243.3	6.67	56056.03	56097.46484	56080.94367	56115.61328	505472.0	5409678.5
L5470.0	505472.0	5409678.3	15063.20020	318.45	44.42	48.840054	-86.925426	56049.19	56243.3	6.67	56055.86	56097.38672	56078.70453	56113.53906	505472.0	5409678.3
L5470.0	505472.0	5409678.0	15063.29981	318.36	44.42	48.840052	-86.925426	56048.96	56243.3	6.67	56055.63	56097.24609	56075.57936	56110.57422	505472.0	5409678.0
L5470.0	505472.0	5409678.0	15063.40039	319.39	44.9	48.840052	-86.925426	56048.81	56243.3	6.67	56055.48	56097.18359	56074.00685	56109.16016	505472.0	5409678.0
L5470.0	505472.0	5409677.7	15063.50000	321.51	44.9	48.840049	-86.925425	56048.68	56243.3	6.67	56055.35	56097.14063	56072.97472	56108.28125	505472.0	5409677.7
L5470.0	505472.0	5409677.2	15063.59961	321.79	45.87	48.840045	-86.925425	56048.48	56243.3	6.66	56055.14	56097.01563	56070.70301	56106.16406	505472.0	5409677.2
L5470.0	505472.0	5409677.2	15063.70020	320.05	46.44	48.840045	-86.925425	56048.25	56243.3	6.66	56054.92	56096.87891	56068.42719	56104.03906	505472.0	5409677.2

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5470.0	505472.0	5409676.9	15063.79981	320.05	46.44	48.840041	-86.925425	56048.07	56243.3	6.66	56054.74	56096.78125	56067.06663	56102.82422	505472.0	5409676.9
L5470.0	505472.0	5409676.9	15063.90039	319.19	46.08	48.840041	-86.925425	56047.92	56243.3	6.66	56054.58	56096.69922	56066.27638	56102.17969	505472.0	5409676.9
L5470.0	505472.0	5409676.4	15064.00000	319.01	46.08	48.840038	-86.925425	56047.78	56243.3	6.66	56054.44	56096.63672	56066.06698	56102.10938	505472.0	5409676.4
L5470.0	505472.1	5409676.1	15064.09961	320.76	47.46	48.840035	-86.925425	56047.57	56243.3	6.66	56054.22	56096.48828	56064.58713	56100.76563	505472.1	5409676.1
L5470.0	505472.1	5409676.1	15064.20020	320.88	48.83	48.840035	-86.925425	56047.44	56243.3	6.66	56054.09	56096.42969	56064.99232	56101.30469	505472.1	5409676.1
L5470.0	505472.1	5409675.7	15064.29981	323.02	48.83	48.840031	-86.925425	56047.34	56243.3	6.65	56054.00	56096.40625	56066.35689	56102.79688	505472.1	5409675.7
L5470.0	505472.1	5409675.4	15064.40039	321.57	50.18	48.840028	-86.925425	56047.12	56243.3	6.65	56053.77	56096.23828	56065.33361	56101.89453	505472.1	5409675.4
L5470.0	505472.1	5409674.9	15064.50000	321.75	50.18	48.840024	-86.925425	56046.96	56243.3	6.65	56053.61	56096.14063	56065.81969	56102.50000	505472.1	5409674.9
L5470.0	505472.1	5409674.5	15064.59961	319.73	50.54	48.840020	-86.925425	56046.71	56243.4	6.65	56053.36	56095.94922	56064.85363	56101.64453	505472.1	5409674.5
L5470.0	505472.1	5409674.5	15064.70020	321.13	50.12	48.840020	-86.925425	56046.56	56243.4	6.65	56053.20	56095.83984	56065.74836	56102.64844	505472.1	5409674.5
L5470.0	505472.1	5409674.1	15064.79981	322.23	50.12	48.840016	-86.925424	56046.36	56243.4	6.64	56053.00	56095.69141	56066.10781	56103.10938	505472.1	5409674.1
L5470.0	505472.1	5409673.6	15064.90039	321.43	49.74	48.840012	-86.925424	56046.08	56243.4	6.64	56052.72	56095.45313	56065.22246	56102.31641	505472.1	5409673.6
L5470.0	505472.1	5409673.6	15065.00000	320.17	48.79	48.840012	-86.925424	56045.90	56243.4	6.64	56052.54	56095.31641	56066.33660	56103.52344	505472.1	5409673.6
L5470.0	505472.1	5409673.2	15065.00000	320.17	48.79	48.840008	-86.925424	56045.63	56243.4	6.64	56052.26	56095.07422	56065.86328	56103.13281	505472.1	5409673.2
L5470.0	505472.2	5409672.6	15065.20020	316.88	48.64	48.840003	-86.925424	56045.32	56243.4	6.65	56051.97	56094.81641	56065.42409	56102.76953	505472.2	5409672.6
L5470.0	505472.2	5409672.2	15065.29981	315.53	48.64	48.839999	-86.925423	56045.02	56243.4	6.65	56051.67	56094.54297	56065.02132	56102.43750	505472.2	5409672.2
L5470.0	505472.2	5409672.2	15065.40039	314.96	49.08	48.839999	-86.925423	56044.69	56243.3	6.66	56051.34	56094.23438	56064.31355	56101.78906	505472.2	5409672.2
L5470.0	505472.2	5409671.7	15065.50000	315.82	49.08	48.839995	-86.925423	56044.36	56243.3	6.66	56051.02	56093.93359	56063.99492	56101.52734	505472.2	5409671.7
L5470.0	505472.2	5409671.2	15065.59961	316.99	50.47	48.839990	-86.925422	56044.03	56243.3	6.66	56050.70	56093.62500	56063.89108	56101.47266	505472.2	5409671.2
L5470.0	505472.3	5409670.7	15065.70020	316.68	48.15	48.839985	-86.925422	56043.78	56243.3	6.67	56050.45	56093.38281	56065.18585	56102.80859	505472.3	5409670.7
L5470.0	505472.3	5409670.2	15065.79981	313.69	48.15	48.839981	-86.925422	56043.42	56243.3	6.67	56050.09	56093.02344	56064.83724	56102.49219	505472.3	5409670.2
L5470.0	505472.3	5409670.2	15065.90039	316.26	44.69	48.839981	-86.925422	56043.07	56243.3	6.68	56049.74	56092.67188	56064.88372	56102.56641	505472.3	5409670.2
L5470.0	505472.3	5409669.5	15066.00000	316.63	47.33	48.839975	-86.925421	56042.62	56243.3	6.68	56049.30	56092.22266	56063.64682	56101.34766	505472.3	5409669.5
L5470.0	505472.4	5409669.0	15066.09961	316.70	47.33	48.839970	-86.925421	56042.18	56243.3	6.68	56048.86	56091.76953	56062.64098	56100.35156	505472.4	5409669.0
L5470.0	505472.4	5409668.3	15066.20020	315.51	49.74	48.839965	-86.925421	56041.88	56243.3	6.67	56048.56	56091.44922	56064.23480	56101.94922	505472.4	5409668.3
L5470.0	505472.4	5409667.7	15066.29981	316.83	48.89	48.839959	-86.925420	56041.50	56243.3	6.67	56048.17	56091.03125	56064.55653	56102.26172	505472.4	5409667.7
L5470.0	505472.4	5409667.2	15066.40039	317.09	48.89	48.839955	-86.925420	56041.15	56243.3	6.67	56047.82	56090.64844	56065.81372	56103.50391	505472.4	5409667.2
L5470.0	505472.4	5409667.2	15066.50000	318.30	50.58	48.839955	-86.925420	56040.74	56243.3	6.67	56047.40	56090.19141	56066.12835	56103.79688	505472.4	5409667.2
L5470.0	505472.4	5409666.4	15066.59961	319.56	50.58	48.839947	-86.925420	56040.31	56243.3	6.66	56046.98	56089.72656	56066.69774	56104.33594	505472.4	5409666.4
L5470.0	505472.4	5409665.6	15066.70020	319.65	46.96	48.839940	-86.925420	56039.83	56243.3	6.66	56046.49	56089.18750	56066.29032	56103.88672	505472.4	5409665.6
L5470.0	505472.4	5409665.6	15066.79981	320.45	47.93	48.839940	-86.925420	56039.35	56243.3	6.66	56046.00	56088.64063	56066.11679	56103.66406	505472.4	5409665.6
L5470.0	505472.4	5409665.0	15066.90039	318.63	47.93	48.839934	-86.925420	56038.71	56243.3	6.65	56045.37	56087.94922	56063.66197	56101.15234	505472.4	5409665.0
L5470.0	505472.4	5409664.4	15067.00000	319.71	48.1	48.839929	-86.925420	56038.34	56243.3	6.65	56044.99	56087.50000	56065.93079	56103.35547	505472.4	5409664.4
L5470.0	505472.4	5409663.6	15067.00000	319.71	49.88	48.839922	-86.925420	56037.81	56243.3	6.65	56044.46	56086.89453	56065.72717	56103.07813	505472.4	5409663.6
L5470.0	505472.4	5409662.9	15067.20020	321.74	49.88	48.839916	-86.925421	56037.27	56243.4	6.64	56043.92	56086.27344	56065.56814	56102.83203	505472.4	5409662.9
L5470.0	505472.4	5409662.2	15067.29981	321.27	51.09	48.839909	-86.925421	56036.74	56243.4	6.64	56043.38	56085.64844	56065.63937	56102.81250	505472.4	5409662.2
L5470.0	505472.4	5409662.2	15067.40039	321.54	51.09	48.839909	-86.925421	56036.14	56243.4	6.64	56042.78	56084.95313	56064.83338	56101.90234	505472.4	5409662.2
L5470.0	505472.4	5409661.3	15067.50000	321.56	52.31	48.839901	-86.925421	56035.53	56243.4	6.64	56042.17	56084.24219	56064.07543	56101.03516	505472.4	5409661.3
L5470.0	505472.3	5409660.7	15067.59961	321.58	52.31	48.839896	-86.925421	56034.87	56243.4	6.63	56041.50	56083.46484	56062.44509	56099.28516	505472.3	5409660.7
L5470.0	505472.3	5409659.8	15067.70020	321.89	53.06	48.839888	-86.925422	56034.27	56243.4	6.63	56040.90	56082.75391	56062.35451	56099.06641	505472.3	5409659.8
L5470.0	505472.3	5409658.9	15067.79981	321.55	53.06	48.839880	-86.925422	56033.61	56243.4	6.63	56040.24	56081.97266	56061.40339	56097.97656	505472.3	5409658.9
L5470.0	505472.3	5409658.9	15067.90039	322.48	51.28	48.839880	-86.925422	56032.97	56243.4	6.62	56039.60	56081.20703	56061.07256	56097.50000	505472.3	5409658.9
L5470.0	505472.3	5409658.2	15068.00000	322.53	51.28	48.839873	-86.925422	56032.34	56243.4	6.62	56038.96	56080.43359	56060.99348	56097.26563	505472.3	5409658.2
L5470.0	505472.3	5409657.4	15068.09961	323.44	51.28	48.839866	-86.925422	56031.54	56243.4	6.62	56038.16	56079.49609	56058.27152	56094.38281	505472.3	5409657.4
L5470.0	505472.3	5409657.4	15068.20020	322.57	51.28	48.839866	-86.925422	56030.80	56243.4	6.62	56037.42	56078.60938	56056.91950	56092.85938	505472.3	5409657.4
L5470.0	505472.2	5409655.7	15068.29981	320.97	50.81	48.839851	-86.925423	56030.07	56243.4	6.62	56036.69	56077.72656	56056.02237	56091.78125	505472.2	5409655.7
L5470.0	505472.2	5409655.7	15068.40039	318.25	50.81	48.839851	-86.925423	56029.25	56243.4	6.62	56035.87	56076.75000	56053.81387	56089.38281	505472.2	5409655.7
L5470.0	505472.2	5409655.0	15068.50000	316.68	49.83	48.839845	-86.925423	56028.40	56243.4	6.62	56035.02	56075.73438	56051.38368	56086.75391	505472.2	5409655.0
L5470.0	505472.2	5409654.0	15068.59961	317.35	53.68	48.839835	-86.925423	56027.67	56243.4	6.62	56034.29	56074.83594	56051.33034	56086.49609	505472.2	5409654.0
L5470.0	505472.2	5409653.1	15068.70020	315.52	53.68	48.839828	-86.925424	56026.80	56243.4	6.62	56033.42	56073.78906	56049.14906	56084.09766	505472.2	5409653.1
L5470.0	505472.2	5409653.1	15068.79981	316.70	46.29	48.839828	-86.925424	56025.92	56243.4	6.62	56032.54	56072.72656	56047.10378	56081.83203	505472.2	5409653.1
L5470.0	505472.1	5409652.1	15068.90039	316.73	51.13	48.839818	-86.925424	56025.14	56243.4	6.62	56031.76	56071.75391	56044.38813	56078.88281	505472.1	5409652.1
L5470.0	505472.1	5409651.3	15069.00000	317.09	51.13	48.839812	-86.925424	56024.35	56243.4	6.62	56030.97	56070.76953	56045.53765	56079.79688	505472.1	5409651.3
L5470.0	505472.1	5409650.5	15069.00000	317.09	50.53	48.839804	-86.925425	56023.41	56243.4	6.62	56030.03	56069.62891	56043.27693	56077.28906	505472.1	5409650.5
L5470.0	505472.1	5409650.5	15069.20020	317.44	51.46	48.839804	-86.925425	56022.56	56243.4	6.62	56029.17	56068.56250	56043.47080	56077.23047	505472.1	5409650.5
L5470.0	505472.1	5409649.2	15069.29981	319.88	51.46	48.839793	-86.925425	56021.62	56243.4	6.61	56028.24	56067.42188	56042.32097	56075.81641	505472.1	5409649.2
L5470.0	505472.1	5409648.3	15069.40039	318.02	53.35	48.839784	-86.925425	56020.61	56243.4	6.61	56027.22	56066.17969	56039.36266	56072.58984	505472.1	5409648.3
L5470.0	505472.1	5409647.5	15069.50000	318.25	53.35	48.839777	-86.925425	56019.57	56243.4	6.61	56026.18	56064.91797	56036.34317	56069.29297	505472.1	5409647.5
L5470.0	505472.0	5409646.6	15069.59961	316.14	53.27	48.839769	-86.925425	56018.58	56243.4	6.61	56025.19	56063.69922	56034.95685	56067.62500	505472.0	5409646.6
L5470.0	505472.0	5409646.6	15069.70020	316.01	53.13	48.839769	-86.925425	56017.46	56243.4	6.61	56024.07	56062.34375	56030.81101	56063.19141	505472.0	5409646.6
L5470.0	505472.0	5409645.5	15069.79981	314.90	53.13	48.839759	-86.925426	56016.38	56243.4	6.60	56022.98	56061.01172	56027.79175	56059.87109	505472.0	5409645.5
L5470.0	505472.0	5409644.3	15069.90039	314.65	55.88	48.839749	-86.925426	56015.40	56243.4	6.60	56022.00	56059.78516	56027.78643	56059.56250	505472.0	5409644.3
L5470.0	505472.0	5409643.5	15070.00000	315.80	55.88	48.839741	-86.925426	56014.31	56243.4	6.60	56020.90	56058.43750	56025.26361	56056.73047	505472.0	5409643.5
L5470.0	505472.0	5409643.5	15070.09961	314.76	56.35	48.839741	-86.925426	56013.35	56243.4	6.60	56019.95	56057.23047	56026.65647	56057.80859	505472.0	5409643.5
L5470.0	505472.0	5409642.4	15070.20020	315.83	55.68	48.839731	-86.925426	56012.21	56243.4	6.60	56018.81	56055.83203	56023.87080	56054.69922	505472.0	5409642.4
L5470.0	505472.0	5409641.2	15070.29981	315.42	56.34	48.839721	-86.925427	56011.12	56243.4	6.60	56017.72	56054.47266	56022.59977	56053.10156	505472.0	5409641.2
L5470.0	505471.9	5409640.0	15070.40039	315.31	56.34	48.839710	-86.925427	56009.90	56243.4	6.60	56016.50	56052.98438	56018.58884	56048.75781	505471.9	5409640.0
L5470.0	505471.9	5409639.2	15070.50000	314.78	52.28	48.839703	-86.925427	56008.87	56243.4	6.60	56015.47	56051.67969	56019.35090	56049.17969	505471.9	5409639.2
L5470.0	505471.9	5409639.2	15070.59961	314.66	50.19	48.839703	-86.925427	56007.63	56243.4	6.60	56014.23	56050.16016	56015.48823	56044.97266	505471.9	5409639.2
L5470.0	505471.9	5409638.2	15070.70020	315.36	50.19	48.839694	-86.925427	56006.49	56243.4	6.60	56013.09	56048.73828	56014.25274	56043.39063	505471.9	5409638.2
L5470.0	505471.9	5409638.2	15070.79981	313.93	52.68	48.839694	-86.925427	56005.28	56243.4	6.60	56011.88	56047.23828	56011.65966	56040.44141	505471.9	5409638.2
L5470.0	505471.9	5409636.0	15070.90039	314.99	52.68	48.839674	-86.925428	56004.14	56243.4	6.60	56010.74	56045.80469	56010.95677	56039.37891	505471.9	5409636.0
L5470.0	505471.9	5409636.0	15071.00000	316.35	50.8	48.839674	-86.925428	56002.90	56243.4	6.60	56009.50	56044.26953	56008.18000	56036.23828	505471.9	5409636.0
L5470.0	505471.8	5409635.0	15071.00000	316.35	50.8	48.839664	-86.925428	56001.73	56243.4	6.60	56008.33	56042.80078	56007.26307	56034.95703	505471.8	5409635.0
L5470.0	505471.8	5409634.0	15071.20020	316.48	62.6	48.839655	-86.925429	56000.65	56243.4	6.59	56007.24	56041.40625	56008.41773	56035.73828	505471.8	5409634.0
L5470.0	505471.8	5409633.1	15071.29981	315.30	62.89	48.839648	-86.925429	55999.51	56243.4	6.59	56006.10	56039.95703	56008.62012	56035.56641	505471.8	5409633.1
L5470.0	505471.7	5409631.7	15071.40039	314.49	62.89	48.839635	-86.925430	55998.09	56243.4	6.59	56004.68	56038.22656	56002.54632	56029.10938	505471.7	5409631.7
L5470.0	505471.7	5409631.7	15071.50000	314.81	63.24	48.839635	-86.925430	55997.00	56243.4	6.58	56003.59	56036.82422	56004.27720	56030.46094	505471.7	5409631.7
L5470.0	505471.7	5409630.5	15071.59961	314.60	63.24	48.839624	-86.925430	55995.66	56243.4	6.58	56002.25	56035.16797	56000.40038	56026.19922	505471.7	5409630.5
L5470.0	505471.7	5409629.4	15071.70020	314.07	63.07	48.839614	-86.925431	55994.40	56243.4	6.58	56000.98	56033.57422	55998.28952	56023.69922	505471.7	5409629.4
L5470.0	505471.6	5409628.4	15071.79981	315.41	63.07	48.839605	-86.925432	55993.04	56243.4	6.58	55999.61	56031.87891	55994.00585	56019.02344	505471.6	5409628.4
L5470.0	505471.6	5409628.4	15071.90039	315.98	63.52	48.839605	-86.925432	55991.79	56243.4	6.57	55998.37	56030.31250	55992.83627	56017.45703	505471.6	5409628.4
L5470.0	505471.6	5409627.1	15072.00000	317.04	63.52	48.839594	-86.925432	55990.53	56243.4	6.57	55997.10	56028.71484	55991.07253	56015.29688	505471.6	5409627.1
L5470.0	505471.5	5409625.8	15072.09961	314.77	63.88	48.839582	-86.925433	55989.16	56243.4	6.57	55995.73	56027.01172	55987.08140	56010.90625	505471.5	5409625.8
L5470.0	505471.5	5409625.8	15072.20020	316.44	61.39	48.839582	-86.925433	55987.92	56243.4	6.57	55994.49	56025.43750	55986.14505	56009.57031	505471.5	5409625.8
L5470.0	505471.5	5409624.7	15072.29981	316.36	59.39	48.839572	-86.925433	55986.74	56243.4	6.57	55993.31	56023.91797	55986.63170	56009.65234	505471.5	5409624.7
L5470.0	505471.4	5409623.6	15072.40039	317.81	59.39	48.839562	-86.925434	55985.70	56243.4	6.57	55992.27	56022.53906	55990.37725	56012.99219	505471.4	5409623.6
L5470.0	505471.4	5409623.6	15072.50000	318.23	58.22	48.839562	-86.925434	55984.31	56243.4	6.58	55990.88	56020.80469	55986.02780	56008.23828	505471.4	5409623.6
L5470.0	505471.4	5409622.3	15072.59961	317.90	58.22	48.839551	-86.925435	55982.94	56243.4	6.58	55989.52	56019.10156	55982.33604	56004.14063	505471.4	5409622.3
L5470.0	505471.4	5409621.3	15072.70020	317.58	60.62	48.839541	-86.925435	55981.57	56243.4	6.58	55988.15	56017.38672	55978.34913	55999.74219	505471.4	5409621.3
L5470.0	505471.3	5409620.2	15072.79981	315.53	60.62	48.839531	-86.925436	55980.23	56243.4	6.58	55986.81	56015.69922	55974.97073	55995.95703	505471.3	5409620.2
L5470.0	505471.3	5409619.1	15072.90039	313.81	62.05	48.839522	-86.925436	55978.92	56243.4	6.58	55985.50	56014.03906	55972.17750	55992.75000	505471.3	5409619.1
L5470.0	505471.2	5409617.8	15073.00000	314.24	62.05	48.839510	-86.925437	55977.58	56243.4	6.58	55984.16	56012.34766	55968.53772	55988.69922	505471.2	5409617.8

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5470.0	505471.2	5409617.8	15073.00000	314.24	64.11	48.839510	-86.925437	55976.34	56243.4	6.58	55982.92	56010.75391	55967.07522	55986.82813	505471.2	5409617.8
L5470.0	505471.2	5409616.7	15073.20020	316.29	64.11	48.839500	-86.925437	55975.15	56243.4	6.57	55981.72	56009.20313	55966.36407	55985.70703	505471.2	5409616.7
L5470.0	505471.2	5409615.6	15073.29981	315.02	63.58	48.839490	-86.925438	55974.02	56243.4	6.57	55980.58	56007.70703	55966.85492	55985.78906	505471.2	5409615.6
L5470.0	505471.1	5409614.6	15073.40039	316.09	63.58	48.839482	-86.925438	55972.59	56243.4	6.56	55979.16	56005.92969	55960.44289	55978.96484	505471.1	5409614.6
L5470.0	505471.1	5409614.6	15073.50000	315.99	64.32	48.839482	-86.925438	55971.31	56243.4	6.56	55977.87	56004.28516	55956.81090	55974.92188	505471.1	5409614.6
L5470.0	505471.1	5409613.4	15073.59961	317.37	64.49	48.839470	-86.925439	55970.12	56243.4	6.56	55976.68	56002.73828	55955.23466	55972.93750	505471.1	5409613.4
L5470.0	505471.1	5409612.1	15073.70020	318.82	64.49	48.839458	-86.925439	55968.93	56243.4	6.55	55975.48	56001.17969	55953.05930	55970.35547	505471.1	5409612.1
L5470.0	505471.1	5409611.0	15073.79981	318.64	64.33	48.839448	-86.925439	55967.71	56243.5	6.55	55974.26	55999.60156	55950.00563	55966.89453	505471.1	5409611.0
L5470.0	505471.0	5409610.0	15073.90039	317.76	63.58	48.839440	-86.925440	55966.42	56243.5	6.54	55972.97	55997.95313	55944.83318	55961.31641	505471.0	5409610.0
L5470.0	505471.0	5409610.0	15074.00000	317.74	63.58	48.839440	-86.925440	55965.36	56243.5	6.54	55971.90	55996.52734	55944.47600	55960.55859	505471.0	5409610.0
L5470.0	505471.0	5409608.5	15074.09961	316.60	63.58	48.839427	-86.925440	55964.30	56243.5	6.54	55970.84	55995.10938	55943.85309	55959.53516	505471.0	5409608.5
L5470.0	505471.0	5409607.0	15074.20020	316.38	55.09	48.839413	-86.925440	55963.26	56243.5	6.54	55969.81	55993.72266	55943.40462	55958.68750	505471.0	5409607.0
L5470.0	505471.0	5409607.0	15074.29981	316.43	55.09	48.839413	-86.925440	55962.20	56243.5	6.55	55968.75	55992.30469	55941.64972	55956.53516	505471.0	5409607.0
L5470.0	505471.0	5409605.7	15074.40039	315.69	57.61	48.839401	-86.925441	55961.14	56243.5	6.55	55967.69	55990.89063	55939.27387	55953.76563	505471.0	5409605.7
L5470.0	505471.0	5409604.5	15074.50000	315.82	55.02	48.839391	-86.925441	55960.02	56243.4	6.55	55966.57	55989.41406	55934.81420	55948.91406	505471.0	5409604.5
L5470.0	505470.9	5409603.4	15074.59961	315.30	55.02	48.839380	-86.925441	55959.06	56243.4	6.55	55965.61	55988.10156	55933.48627	55947.19922	505470.9	5409603.4
L5470.0	505470.9	5409603.4	15074.70020	315.00	55.16	48.839380	-86.925441	55958.11	56243.4	6.55	55964.66	55986.80078	55931.66765	55944.99219	505470.9	5409603.4
L5470.0	505470.9	5409602.0	15074.79981	315.09	55.16	48.839368	-86.925441	55957.24	56243.4	6.56	55963.80	55985.58984	55931.20970	55944.15234	505470.9	5409602.0
L5470.0	505470.9	5409600.7	15074.90039	315.78	57.9	48.839356	-86.925441	55956.38	56243.4	6.56	55962.94	55984.37891	55929.94918	55942.51172	505470.9	5409600.7
L5470.0	505470.9	5409600.7	15075.00000	315.76	57.9	48.839356	-86.925441	55955.63	56243.4	6.56	55962.18	55983.26953	55930.18387	55942.37109	505470.9	5409600.7
L5470.0	505470.9	5409599.4	15075.00000	315.76	65.49	48.839345	-86.925442	55954.76	56243.4	6.56	55961.32	55982.06641	55927.23914	55939.05469	505470.9	5409599.4
L5470.0	505470.9	5409598.5	15075.20020	318.63	61.6	48.839336	-86.925442	55953.93	56243.4	6.56	55960.48	55980.88281	55923.89168	55935.34375	505470.9	5409598.5
L5470.0	505470.9	5409597.3	15075.29981	318.14	61.6	48.839326	-86.925442	55953.22	56243.4	6.56	55959.78	55979.83984	55922.83071	55933.91797	505470.9	5409597.3
L5470.0	505470.9	5409595.9	15075.40039	317.27	62.36	48.839313	-86.925442	55952.56	56243.4	6.56	55959.12	55978.83984	55921.71498	55932.44141	505470.9	5409595.9
L5470.0	505470.9	5409595.9	15075.50000	314.67	65.43	48.839313	-86.925442	55952.04	56243.4	6.56	55958.59	55977.97266	55922.51119	55932.88281	505470.9	5409595.9
L5470.0	505470.8	5409594.7	15075.59961	314.49	65.43	48.839302	-86.925443	55951.35	56243.4	6.55	55957.90	55976.94922	55918.72292	55928.74609	505470.8	5409594.7
L5470.0	505470.8	5409593.7	15075.70020	315.22	64.49	48.839293	-86.925443	55950.99	56243.4	6.55	55957.54	55976.25781	55921.17832	55930.85547	505470.8	5409593.7
L5470.0	505470.8	5409592.5	15075.79981	313.65	64.49	48.839283	-86.925443	55950.52	56243.4	6.55	55957.07	55975.46094	55920.11055	55929.44531	505470.8	5409592.5
L5470.0	505470.8	5409591.0	15075.90039	314.88	59.89	48.839268	-86.925444	55950.11	56243.4	6.55	55956.66	55974.72266	55919.25127	55928.25000	505470.8	5409591.0
L5470.0	505470.8	5409591.0	15076.00000	313.75	59.27	48.839268	-86.925444	55949.66	56243.4	6.55	55956.21	55973.95313	55916.39749	55925.06641	505470.8	5409591.0
L5470.0	505470.7	5409589.0	15076.09961	313.82	59.27	48.839251	-86.925444	55949.48	56243.5	6.55	55956.03	55973.45313	55918.28225	55926.62500	505470.7	5409589.0
L5470.0	505470.7	5409589.0	15076.20020	312.90	59.35	48.839251	-86.925444	55949.05	56243.5	6.55	55955.59	55972.69922	55913.33037	55921.35547	505470.7	5409589.0
L5470.0	505470.7	5409586.6	15076.29981	312.98	59.35	48.839229	-86.925444	55948.97	56243.5	6.54	55955.51	55972.30859	55915.06062	55922.76953	505470.7	5409586.6
L5470.0	505470.7	5409586.6	15076.40039	313.28	62.59	48.839229	-86.925444	55948.84	56243.5	6.54	55955.39	55971.87891	55914.73976	55922.14063	505470.7	5409586.6
L5470.0	505470.7	5409585.4	15076.50000	312.61	62.59	48.839218	-86.925445	55948.87	56243.5	6.54	55955.41	55971.59375	55916.32831	55923.42578	505470.7	5409585.4
L5470.0	505470.7	5409585.4	15076.59961	312.68	48.77	48.839218	-86.925445	55948.72	56243.5	6.54	55955.26	55971.14453	55912.95187	55919.75391	505470.7	5409585.4
L5470.0	505470.7	5409583.1	15076.70020	313.01	48.77	48.839198	-86.925445	55948.87	56243.5	6.54	55955.41	55971.00000	55915.08389	55921.59375	505470.7	5409583.1
L5470.0	505470.7	5409583.1	15076.79981	313.80	56.42	48.839198	-86.925445	55948.97	56243.5	6.53	55955.50	55970.80078	55914.69736	55920.92188	505470.7	5409583.1
L5470.0	505470.6	5409581.6	15076.90039	315.05	56.42	48.839185	-86.925446	55949.18	56243.5	6.53	55955.71	55970.72266	55915.86761	55921.81250	505470.6	5409581.6
L5470.0	505470.6	5409580.6	15077.00000	315.87	57.99	48.839175	-86.925446	55949.25	56243.5	6.53	55955.78	55970.50781	55912.63284	55918.30469	505470.6	5409580.6
L5470.0	505470.6	5409579.3	15077.00000	315.87	57.99	48.839164	-86.925446	55949.43	56243.5	6.53	55955.96	55970.41016	55910.73204	55916.13672	505470.6	5409579.3
L5470.0	505470.5	5409577.7	15077.20020	319.07	58.83	48.839149	-86.925447	55949.70	56243.5	6.53	55956.23	55970.41016	55909.75276	55914.89844	505470.5	5409577.7
L5470.0	505470.5	5409577.7	15077.29981	320.08	55.67	48.839149	-86.925447	55949.96	56243.5	6.53	55956.49	55970.39844	55907.36436	55912.25391	505470.5	5409577.7
L5470.0	505470.5	5409576.5	15077.40039	318.29	55.67	48.839138	-86.925447	55950.54	56243.5	6.53	55957.07	55970.71484	55911.48009	55916.12109	505470.5	5409576.5
L5470.0	505470.5	5409575.3	15077.50000	318.96	58.42	48.839127	-86.925448	55951.27	56243.5	6.53	55957.80	55971.18750	55918.16180	55922.56250	505470.5	5409575.3
L5470.0	505470.4	5409574.2	15077.59961	318.71	58.42	48.839118	-86.925449	55951.81	56243.5	6.53	55958.33	55971.46484	55918.96020	55923.12500	505470.4	5409574.2
L5470.0	505470.4	5409574.2	15077.70020	318.60	55.9	48.839118	-86.925449	55952.31	56243.5	6.53	55958.84	55971.72656	55918.18791	55922.12500	505470.4	5409574.2
L5470.0	505470.4	5409572.8	15077.79981	318.77	56.39	48.839105	-86.925449	55952.94	56243.5	6.53	55959.47	55972.11328	55919.28429	55923.00000	505470.4	5409572.8
L5470.0	505470.3	5409571.3	15077.90039	317.43	55.35	48.839092	-86.925450	55953.60	56243.5	6.53	55960.13	55972.53516	55920.08324	55923.58203	505470.3	5409571.3
L5470.0	505470.3	5409569.9	15078.00000	318.96	55.35	48.839079	-86.925450	55954.31	56243.5	6.53	55960.84	55973.01172	55921.10179	55924.39063	505470.3	5409569.9
L5470.0	505470.3	5409569.9	15078.09961	316.60	54.19	48.839079	-86.925450	55955.17	56243.5	6.53	55961.70	55973.64453	55924.82892	55927.91797	505470.3	5409569.9
L5470.0	505470.3	5409568.5	15078.20020	317.10	54.19	48.839066	-86.925451	55955.90	56243.5	6.53	55962.42	55974.14063	55924.15337	55927.04688	505470.3	5409568.5
L5470.0	505470.2	5409567.4	15078.29981	316.03	52.67	48.839057	-86.925451	55956.71	56243.5	6.52	55963.24	55974.74609	55925.00353	55927.71094	505470.2	5409567.4
L5470.0	505470.2	5409566.2	15078.40039	314.19	52.67	48.839046	-86.925451	55957.68	56243.5	6.52	55964.20	55975.49609	55928.36577	55930.89063	505470.2	5409566.2
L5470.0	505470.2	5409564.9	15078.50000	313.61	55.75	48.839034	-86.925452	55958.76	56243.5	6.52	55965.28	55976.36719	55933.74539	55936.09375	505470.2	5409564.9
L5470.0	505470.2	5409564.9	15078.59961	314.15	55.75	48.839034	-86.925452	55959.70	56243.5	6.52	55966.22	55977.10938	55934.83854	55937.01953	505470.2	5409564.9
L5470.0	505470.1	5409563.2	15078.70020	314.63	56.32	48.839019	-86.925452	55960.81	56243.5	6.52	55967.33	55978.02734	55939.19997	55941.22266	505470.1	5409563.2
L5470.0	505470.1	5409562.1	15078.79981	315.19	54.03	48.839009	-86.925453	55961.74	56243.5	6.51	55968.26	55978.76563	55938.40533	55940.27344	505470.1	5409562.1
L5470.0	505470.1	5409560.9	15078.90039	314.59	54.03	48.838998	-86.925453	55962.93	56243.5	6.51	55969.45	55979.77344	55943.07549	55944.79297	505470.1	5409560.9
L5470.0	505470.1	5409560.9	15079.00000	315.41	53.77	48.838998	-86.925453	55964.07	56243.5	6.51	55970.58	55980.72656	55945.55370	55947.13281	505470.1	5409560.9
L5470.0	505470.1	5409558.5	15079.00000	315.41	49.49	48.838977	-86.925453	55965.16	56243.5	6.51	55971.67	55981.64453	55946.37051	55947.81641	505470.1	5409558.5
L5470.0	505470.1	5409558.5	15079.20020	315.20	49.49	48.838977	-86.925453	55966.25	56243.5	6.51	55972.76	55982.57031	55946.52236	55947.83984	505470.1	5409558.5
L5470.0	505470.1	5409557.2	15079.29981	315.92	52.67	48.838965	-86.925453	55967.38	56243.5	6.51	55973.89	55983.54297	55946.99293	55948.19141	505470.1	5409557.2
L5470.0	505470.1	5409556.0	15079.40039	314.98	52.67	48.838954	-86.925453	55968.57	56243.5	6.51	55975.08	55984.57813	55948.28526	55949.36719	505470.1	5409556.0
L5470.0	505470.1	5409556.0	15079.50000	314.38	52.63	48.838954	-86.925453	55969.94	56243.5	6.51	55976.45	55985.80078	55953.24063	55954.21875	505470.1	5409556.0
L5470.0	505470.1	5409553.2	15079.59961	314.31	52.63	48.838929	-86.925453	55971.23	56243.5	6.51	55977.74	55986.94531	55955.78090	55956.65625	505470.1	5409553.2
L5470.0	505470.1	5409553.2	15079.70020	315.59	53.97	48.838929	-86.925453	55972.52	56243.5	6.51	55979.03	55988.10156	55957.82567	55958.60938	505470.1	5409553.2
L5470.0	505470.2	5409551.8	15079.79981	316.80	53.02	48.838916	-86.925452	55973.78	56243.5	6.51	55980.29	55989.23047	55958.71184	55959.41016	505470.2	5409551.8
L5470.0	505470.2	5409550.2	15079.90039	315.80	53.02	48.838902	-86.925452	55975.07	56243.5	6.51	55981.58	55990.39453	55959.87135	55960.48828	505470.2	5409550.2
L5470.0	505470.2	5409549.0	15080.00000	315.94	52.47	48.838891	-86.925451	55976.54	56243.5	6.51	55983.05	55991.74609	55964.80116	55965.34375	505470.2	5409549.0
L5470.0	505470.2	5409549.0	15080.09961	316.80	52.47	48.838891	-86.925451	55977.91	56243.5	6.51	55984.42	55993.00000	55967.04726	55967.52344	505470.2	5409549.0
L5470.0	505470.3	5409547.3	15080.20020	317.74	52.41	48.838876	-86.925451	55979.35	56243.5	6.51	55985.86	55994.33203	55970.57369	55970.99219	505470.3	5409547.3
L5470.0	505470.3	5409546.1	15080.29981	317.62	52.41	48.838865	-86.925450	55980.79	56243.5	6.51	55987.30	55995.67188	55973.79846	55974.16406	505470.3	5409546.1
L5470.0	505470.3	5409546.1	15080.40039	316.70	50.56	48.838865	-86.925450	55982.26	56243.5	6.51	55988.77	55997.04297	55977.44597	55977.76172	505470.3	5409546.1
L5470.0	505470.3	5409544.8	15080.50000	315.52	53.29	48.838853	-86.925450	55983.60	56243.5	6.51	55990.11	55998.29297	55977.88554	55978.16016	505470.3	5409544.8
L5470.0	505470.4	5409543.7	15080.59961	314.51	54.1	48.838843	-86.925450	55984.89	56243.5	6.51	55991.40	55999.49609	55976.99306	55977.23438	505470.4	5409543.7
L5470.0	505470.4	5409542.2	15080.70020	314.42	54.1	48.838830	-86.925449	55986.16	56243.5	6.51	55992.67	56000.68359	55975.48937	55975.70313	505470.4	5409542.2
L5470.0	505470.4	5409542.2	15080.79981	313.28	52.42	48.838830	-86.925449	55987.59	56243.5	6.51	55994.10	56002.03906	55977.52128	55977.71484	505470.4	5409542.2
L5470.0	505470.4	5409540.9	15080.90039	313.78	52.42	48.838818	-86.925449	55989.14	56243.5	6.51	55995.65	56003.51953	55982.20570	55982.38281	505470.4	5409540.9
L5470.0	505470.4	5409539.6	15081.00000	313.67	52.9	48.838806	-86.925449	55990.76	56243.5	6.51	55997.27	56005.07422	55988.43772	55988.60547	505470.4	5409539.6
L5470.0	505470.4	5409538.1	15081.00000	313.67	52.22	48.838793	-86.925449	55992.30	56243.5	6.51	55998.81	56006.55469	55992.82546	55992.98828	505470.4	5409538.1
L5470.0	505470.4	5409538.1	15081.20020	314.42	52.22	48.838793	-86.925449	55993.79	56243.5	6.51	56000.30	56007.99219	55996.08965	55996.25781	505470.4	5409538.1
L5470.0	505470.4	5409536.6	15081.29981	314.41	52.22	48.838780	-86.925449	55995.21	56243.5	6.51	56001.72	56009.36328	55997.80282	55997.97656	505470.4	5409536.6
L5470.0	505470.5	5409535.3	15081.40039	315.83	52.59	48.838768	-86.925449	55996.75	56243.5	6.51	56003.26	56010.85938	56002.36746	56002.55469	505470.5	5409535.3
L5470.0	505470.5	5409534.2	15081.50000	315.60	53.4	48.838758	-86.925449	55998.20	56243.5	6.51	56004.71	56012.26953	56004.99239	56005.19922	505470.5	5409534.2
L5470.0	505470.5	5409532.7	15081.59961	315.86	53.4	48.838744	-86.925449	55999.64	56243.5	6.51	56006.15	56013.67188	56007.55095	56007.78516	505470.5	5409532.7
L5470.0	505470.5	5409532.7	15081.70020	316.45	52.17	48.838744	-86.925449	56000.90	56243.5	6.51	56007.41	56014.90234	56006.11973	56006.38672	505470.5	5409532.7
L5470.0	505470.5	5409530.9	15081.79981	315.82	52.17	48.838729	-86.925449	56002.37	56243.5	6.51	56008.88	56016.34766	56009.80138	56010.10547	505470.5	5409530.9
L5470.0	505470.5	5409529.6	15081.90039	317.97	54.05	48.838717	-86.925449	56003.78	56243.5	6.51	56010.29	56017.73828	56012.35498	56012.69922	505470.5	5409529.6
L5470.0	505470.5	5409528.3	15082.00000	316.14	54.71	48.838705	-86.925449	56005.23	56243.5	6.51	56011.74	56019.17188	56016.16020	56016.55469	505470.5	5409528.3
L5470.0	505470.5	5409528.3	15082.09961	317.37	54.71	48.838705	-86.925449	56006.62	56243.5	6.51	56013.13	56020.54688	56018.89243	56019.33984	505470.5	5409528.3
L5470.0	505470.5	5409526.8	15082.20020	315.68	50.79	48.838691	-86.925449	56008.04	56243.5	6.50	56014.54	56021.94922	56022.47519	56022.98047	505470.5	5409526.8
L5470.0	505470.5	5409525.3	15082.29981	316.97	50.79	48.838678	-86.925449	56009.43	56243.5	6.50	56015.92	56023.32813	56025.74835	56026.31641	505470.5	5409525.3

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5470.0	505470.5	5409525.3	15082.40039	315.97	51.55	48.838678	-86.925449	56010.79	56243.5	6.49	56017.28	56024.68750	56028.97311	56029.60938	505470.5	5409525.3
L5470.0	505470.5	5409524.0	15082.50000	314.57	51.55	48.838666	-86.925448	56012.03	56243.5	6.49	56018.52	56025.92969	56029.74885	56030.45703	505470.5	5409524.0
L5470.0	505470.5	5409522.4	15082.59961	314.01	51.09	48.838652	-86.925448	56013.32	56243.5	6.49	56019.81	56027.23047	56032.20412	56032.99219	505470.5	5409522.4
L5470.0	505470.5	5409520.6	15082.70020	313.92	51.09	48.838636	-86.925448	56014.54	56243.5	6.48	56021.02	56028.45313	56033.20674	56034.07813	505470.5	5409520.6
L5470.0	505470.5	5409520.6	15082.79981	316.38	51.16	48.838636	-86.925448	56015.75	56243.5	6.48	56022.23	56029.67969	56034.72349	56035.67969	505470.5	5409520.6
L5470.0	505470.5	5409518.9	15082.90039	315.20	50.24	48.838620	-86.925448	56016.73	56243.5	6.47	56023.21	56030.67578	56031.14174	56032.19141	505470.5	5409518.9
L5470.0	505470.6	5409517.3	15083.00000	317.31	50.24	48.838606	-86.925447	56017.88	56243.5	6.47	56024.35	56031.83984	56032.02980	56033.17578	505470.6	5409517.3
L5470.0	505470.6	5409517.3	15083.00000	317.31	50.56	48.838606	-86.925447	56019.06	56243.5	6.47	56025.53	56033.04688	56034.47770	56035.72266	505470.6	5409517.3
L5470.0	505470.6	5409516.0	15083.20020	315.10	50.56	48.838594	-86.925447	56020.20	56243.5	6.48	56026.68	56034.22656	56036.78314	56038.13281	505470.6	5409516.0
L5470.0	505470.6	5409514.4	15083.29981	315.96	47.86	48.838580	-86.925446	56021.39	56243.5	6.48	56027.87	56035.44922	56040.68146	56042.14063	505470.6	5409514.4
L5470.0	505470.7	5409513.1	15083.40039	316.61	47.86	48.838568	-86.925446	56022.58	56243.5	6.48	56029.06	56036.67578	56045.20070	56046.76953	505470.7	5409513.1
L5470.0	505470.7	5409511.8	15083.50000	317.29	51.05	48.838556	-86.925446	56023.70	56243.5	6.49	56030.18	56037.83594	56048.62535	56050.31250	505470.7	5409511.8
L5470.0	505470.7	5409511.8	15083.59961	317.86	51.05	48.838556	-86.925446	56024.58	56243.5	6.49	56031.07	56038.76563	56047.02166	56048.82813	505470.7	5409511.8
L5470.0	505470.7	5409510.2	15083.70020	319.05	44.86	48.838542	-86.925445	56025.59	56243.5	6.49	56032.08	56039.82031	56049.01446	56050.94531	505470.7	5409510.2
L5470.0	505470.8	5409508.6	15083.79981	317.84	44.86	48.838528	-86.925444	56026.47	56243.5	6.49	56032.96	56040.75000	56048.45501	56050.51172	505470.8	5409508.6
L5470.0	505470.8	5409507.3	15083.90039	316.54	40.05	48.838516	-86.925444	56027.39	56243.5	6.50	56033.88	56041.71875	56049.53094	56051.71875	505470.8	5409507.3
L5470.0	505470.8	5409507.3	15084.00000	315.76	40.05	48.838516	-86.925444	56028.27	56243.5	6.50	56034.77	56042.66016	56050.52225	56052.84375	505470.8	5409507.3
L5470.0	505470.9	5409505.9	15084.09961	315.64	52.11	48.838504	-86.925443	56029.08	56243.5	6.50	56035.58	56043.52734	56050.20607	56052.66406	505470.9	5409505.9
L5470.0	505470.9	5409504.4	15084.20020	317.12	52.11	48.838490	-86.925443	56029.94	56243.5	6.50	56036.44	56044.44531	56051.76906	56054.36719	505470.9	5409504.4
L5470.0	505471.0	5409503.1	15084.29981	315.30	51.09	48.838478	-86.925442	56030.75	56243.5	6.50	56037.25	56045.31641	56052.76143	56055.50000	505471.0	5409503.1
L5470.0	505471.0	5409503.1	15084.40039	317.80	49.44	48.838478	-86.925442	56031.66	56243.5	6.50	56038.15	56046.27734	56056.59129	56059.47656	505471.0	5409503.1
L5470.0	505471.0	5409501.1	15084.50000	316.14	49.44	48.838460	-86.925441	56032.37	56243.5	6.50	56038.86	56047.05078	56056.44496	56059.48047	505471.0	5409501.1
L5470.0	505471.0	5409501.1	15084.59961	316.24	50.97	48.838460	-86.925441	56033.05	56243.5	6.49	56039.54	56047.79688	56056.22435	56059.41016	505471.0	5409501.1
L5470.0	505471.1	5409499.7	15084.70020	315.32	50.97	48.838448	-86.925441	56033.86	56243.5	6.49	56040.36	56048.68750	56060.02323	56063.36328	505471.1	5409499.7
L5470.0	505471.1	5409498.3	15084.79981	315.90	50.15	48.838435	-86.925440	56034.49	56243.5	6.49	56040.98	56049.37891	56059.63910	56063.13672	505471.1	5409498.3
L5470.0	505471.1	5409496.8	15084.90039	316.47	50.15	48.838422	-86.925440	56035.07	56243.5	6.49	56041.56	56050.03125	56058.93923	56062.59375	505471.1	5409496.8
L5470.0	505471.2	5409495.2	15085.00000	315.81	51.84	48.838407	-86.925439	56035.66	56243.5	6.49	56042.15	56050.69531	56059.11530	56062.93359	505471.2	5409495.2
L5470.0	505471.2	5409495.2	15085.00000	315.81	51.55	48.838407	-86.925439	56036.26	56243.5	6.49	56042.75	56051.37109	56060.15434	56064.13672	505471.2	5409495.2
L5470.0	505471.2	5409494.0	15085.20020	314.26	51.55	48.838396	-86.925439	56036.77	56243.5	6.49	56043.26	56051.95703	56059.68074	56063.82813	505471.2	5409494.0
L5470.0	505471.2	5409492.6	15085.29981	315.62	50.1	48.838384	-86.925439	56037.48	56243.5	6.50	56043.97	56052.74609	56064.52753	56068.84375	505471.2	5409492.6
L5470.0	505471.3	5409491.5	15085.40039	315.49	50.1	48.838374	-86.925438	56037.93	56243.5	6.50	56044.43	56053.28906	56064.08801	56068.57422	505471.3	5409491.5
L5470.0	505471.3	5409490.1	15085.50000	315.41	50.64	48.838361	-86.925438	56038.59	56243.5	6.50	56045.09	56054.03125	56068.90702	56073.56250	505471.3	5409490.1
L5470.0	505471.3	5409490.1	15085.59961	317.24	52.05	48.838361	-86.925438	56038.92	56243.5	6.50	56045.42	56054.44531	56066.63034	56071.46094	505471.3	5409490.1
L5470.0	505471.3	5409488.6	15085.70020	315.38	52.77	48.838347	-86.925437	56039.38	56243.5	6.50	56045.88	56054.99219	56067.95429	56072.96094	505471.3	5409488.6
L5470.0	505471.3	5409487.2	15085.79981	315.82	52.77	48.838335	-86.925437	56039.63	56243.5	6.51	56046.14	56055.33984	56065.26777	56070.45313	505471.3	5409487.2
L5470.0	505471.4	5409485.7	15085.90039	314.25	50.81	48.838322	-86.925437	56040.06	56243.5	6.51	56046.57	56055.85547	56067.04220	56072.40625	505471.4	5409485.7
L5470.0	505471.4	5409484.3	15086.00000	314.53	50.81	48.838309	-86.925436	56040.41	56243.5	6.51	56046.92	56056.29688	56067.54736	56073.08984	505471.4	5409484.3
L5470.0	505471.4	5409484.3	15086.09961	315.11	55.53	48.838309	-86.925436	56040.56	56243.5	6.51	56047.07	56056.53516	56064.12673	56069.85156	505471.4	5409484.3
L5470.0	505471.4	5409483.2	15086.20020	316.08	54.48	48.838299	-86.925436	56040.79	56243.5	6.51	56047.30	56056.85938	56063.07482	56068.98438	505471.4	5409483.2
L5470.0	505471.4	5409481.7	15086.29981	316.31	54.48	48.838286	-86.925436	56040.92	56243.5	6.51	56047.43	56057.08203	56060.38002	56066.47266	505471.4	5409481.7
L5470.0	505471.4	5409480.3	15086.40039	316.03	53.29	48.838273	-86.925436	56041.13	56243.5	6.51	56047.64	56057.38281	56059.99602	56066.27734	505471.4	5409480.3
L5470.0	505471.5	5409478.9	15086.50000	316.10	54.31	48.838261	-86.925436	56041.42	56243.5	6.51	56047.93	56057.76953	56061.85091	56068.31641	505471.5	5409478.9
L5470.0	505471.5	5409478.9	15086.59961	313.45	54.31	48.838261	-86.925436	56041.61	56243.5	6.51	56048.12	56058.05469	56062.04254	56068.69531	505471.5	5409478.9
L5470.0	505471.5	5409477.5	15086.70020	312.74	54.41	48.838248	-86.925435	56041.72	56243.5	6.51	56048.23	56058.25781	56061.03796	56067.87891	505471.5	5409477.5
L5470.0	505471.5	5409476.0	15086.79981	312.95	54.41	48.838234	-86.925435	56042.01	56243.5	6.51	56048.52	56058.64453	56064.27819	56071.30859	505471.5	5409476.0
L5470.0	505471.5	5409474.5	15086.90039	312.39	57.25	48.838221	-86.925435	56042.18	56243.5	6.51	56048.69	56058.91406	56065.45034	56072.66797	505471.5	5409474.5
L5470.0	505471.5	5409474.5	15087.00000	312.71	56.78	48.838221	-86.925435	56042.26	56243.5	6.51	56048.77	56059.08984	56065.22574	56072.63281	505471.5	5409474.5
L5470.0	505471.5	5409473.2	15087.00000	312.71	56.21	48.838209	-86.925435	56042.26	56243.5	6.51	56048.77	56059.18750	56063.84423	56071.44141	505471.5	5409473.2
L5470.0	505471.5	5409471.8	15087.20020	315.39	56.21	48.838196	-86.925435	56042.36	56243.5	6.51	56048.87	56059.38281	56064.92958	56072.71484	505471.5	5409471.8
L5470.0	505471.5	5409470.6	15087.29981	312.44	56.08	48.838185	-86.925435	56042.32	56243.5	6.51	56048.83	56059.44141	56063.65796	56071.63281	505471.5	5409470.6
L5470.0	505471.5	5409469.1	15087.40039	312.87	57.01	48.838173	-86.925435	56042.36	56243.5	6.51	56048.87	56059.58203	56064.40899	56072.57422	505471.5	5409469.1
L5470.0	505471.5	5409468.0	15087.50000	312.11	57.01	48.838162	-86.925435	56042.23	56243.5	6.51	56048.74	56059.54688	56062.23737	56070.58984	505471.5	5409468.0
L5470.0	505471.5	5409466.7	15087.59961	312.28	51.17	48.838150	-86.925435	56042.23	56243.5	6.51	56048.74	56059.64453	56063.03604	56071.57813	505471.5	5409466.7
L5470.0	505471.5	5409466.7	15087.70020	310.72	50.08	48.838150	-86.925435	56042.11	56243.5	6.51	56048.62	56059.62500	56061.88512	56070.61328	505471.5	5409466.7
L5470.0	505471.5	5409464.8	15087.79981	310.85	50.08	48.838134	-86.925435	56042.29	56243.5	6.51	56048.80	56059.90234	56067.00437	56075.91797	505471.5	5409464.8
L5470.0	505471.5	5409463.5	15087.90039	309.72	52.61	48.838122	-86.925436	56042.06	56243.5	6.51	56048.57	56059.76953	56064.47517	56073.57422	505471.5	5409463.5
L5470.0	505471.5	5409462.3	15088.00000	309.10	58.13	48.838111	-86.925436	56041.83	56243.5	6.51	56048.34	56059.63672	56062.30221	56071.58984	505471.5	5409462.3
L5470.0	505471.4	5409461.2	15088.09961	310.11	58.13	48.838101	-86.925436	56041.58	56243.5	6.51	56048.09	56059.48047	56060.07048	56069.53906	505471.4	5409461.2
L5470.0	505471.4	5409461.2	15088.20020	311.38	59.47	48.838101	-86.925436	56041.55	56243.5	6.51	56048.06	56059.54688	56062.56630	56072.21875	505471.4	5409461.2
L5470.0	505471.4	5409459.6	15088.29981	312.75	54.72	48.838087	-86.925437	56041.32	56243.5	6.52	56047.84	56059.42188	56061.60636	56071.44141	505471.4	5409459.6
L5470.0	505471.3	5409458.0	15088.40039	312.88	54.72	48.838072	-86.925438	56041.14	56243.5	6.52	56047.66	56059.33594	56061.77795	56071.78906	505471.3	5409458.0
L5470.0	505471.3	5409456.8	15088.50000	312.21	55.08	48.838061	-86.925438	56040.84	56243.5	6.52	56047.36	56059.12891	56059.80072	56069.99219	505471.3	5409456.8
L5470.0	505471.2	5409455.5	15088.59961	313.46	55.08	48.838050	-86.925439	56040.59	56243.5	6.52	56047.11	56058.96875	56059.13700	56069.50391	505471.2	5409455.5
L5470.0	505471.2	5409454.3	15088.70020	314.03	51.76	48.838040	-86.925440	56040.23	56243.5	6.52	56046.76	56058.71094	56056.65160	56067.19141	505471.2	5409454.3
L5470.0	505471.2	5409454.3	15088.79981	315.92	51.48	48.838040	-86.925440	56039.98	56243.5	6.53	56046.50	56058.53906	56056.32429	56067.03516	505471.2	5409454.3
L5470.0	505471.2	5409452.9	15088.90039	315.43	51.48	48.838027	-86.925440	56039.75	56243.5	6.53	56046.28	56058.40625	56057.13863	56068.01953	505471.2	5409452.9
L5470.0	505471.1	5409451.3	15089.00000	316.16	49.74	48.838012	-86.925441	56039.47	56243.5	6.53	56046.00	56058.21484	56056.93811	56067.98438	505471.1	5409451.3
L5470.0	505471.1	5409451.3	15089.00000	316.16	49.81	48.838012	-86.925441	56039.17	56243.5	6.53	56045.70	56058.00000	56056.55921	56067.76953	505471.1	5409451.3
L5470.0	505471.1	5409448.6	15089.20020	315.24	49.81	48.837988	-86.925441	56038.90	56243.5	6.53	56045.43	56057.81250	56057.09882	56068.47266	505471.1	5409448.6
L5470.0	505471.1	5409447.2	15089.29981	316.54	51.92	48.837976	-86.925442	56038.54	56243.5	6.53	56045.07	56057.53516	56055.87364	56067.40625	505471.1	5409447.2
L5470.0	505471.1	5409447.2	15089.40039	314.87	56.62	48.837976	-86.925442	56038.21	56243.5	6.53	56044.74	56057.28906	56055.54681	56067.23438	505471.1	5409447.2
L5470.0	505471.1	5409445.8	15089.50000	314.49	56.62	48.837962	-86.925442	56037.86	56243.5	6.52	56044.38	56057.00781	56054.76089	56066.60156	505471.1	5409445.8
L5470.0	505471.1	5409444.3	15089.59961	315.82	60.19	48.837950	-86.925442	56037.55	56243.5	6.52	56044.07	56056.77344	56055.33585	56067.32422	505471.1	5409444.3
L5470.0	505471.1	5409443.0	15089.70020	316.37	54.26	48.837938	-86.925442	56037.10	56243.5	6.52	56043.62	56056.39844	56052.89636	56065.03125	505471.1	5409443.0
L5470.0	505471.1	5409443.0	15089.79981	315.39	56.54	48.837938	-86.925442	56036.77	56243.5	6.52	56043.29	56056.14063	56053.42365	56065.69922	505471.1	5409443.0
L5470.0	505471.1	5409441.4	15089.90039	314.94	56.54	48.837923	-86.925441	56036.29	56243.5	6.52	56042.81	56055.73438	56050.66052	56063.07422	505471.1	5409441.4
L5470.0	505471.1	5409440.4	15090.00000	315.50	61.6	48.837914	-86.925441	56036.04	56243.5	6.52	56042.56	56055.55078	56053.43907	56065.98828	505471.1	5409440.4
L5470.0	505471.1	5409438.6	15090.09961	315.47	61.6	48.837898	-86.925441	56035.64	56243.5	6.52	56042.16	56055.21875	56052.90288	56065.58203	505471.1	5409438.6
L5470.0	505471.1	5409438.6	15090.20020	315.92	62.43	48.837898	-86.925441	56035.18	56243.5	6.52	56041.70	56054.82422	56051.13410	56063.94141	505471.1	5409438.6
L5470.0	505471.1	5409437.2	15090.29981	317.19	61.83	48.837885	-86.925440	56034.84	56243.5	6.52	56041.36	56054.54688	56052.33761	56065.26563	505471.1	5409437.2
L5470.0	505471.2	5409435.7	15090.40039	316.03	61.83	48.837872	-86.925440	56034.46	56243.5	6.52	56040.98	56054.22656	56052.76318	56065.80859	505471.2	5409435.7
L5470.0	505471.2	5409434.5	15090.50000	314.89	61.68	48.837861	-86.925440	56034.04	56243.5	6.52	56040.56	56053.86328	56052.40388	56065.56250	505471.2	5409434.5
L5470.0	505471.2	5409433.1	15090.59961	315.48	61.68	48.837849	-86.925439	56033.64	56243.5	6.52	56040.16	56053.51563	56052.65476	56065.92188	505471.2	5409433.1
L5470.0	505471.2	5409433.1	15090.70020	316.45	62.08	48.837849	-86.925439	56033.05	56243.5	6.52	56039.57	56052.98047	56048.61725	56061.98828	505471.2	5409433.1
L5470.0	505471.3	5409430.3	15090.79981	315.23	62.08	48.837823	-86.925439	56032.57	56243.5	6.52	56039.09	56052.54688	56047.28346	56060.75391	505471.3	5409430.3
L5470.0	505471.3	5409430.3	15090.90039	316.47	63.84	48.837823	-86.925439	56032.06	56243.5	6.52	56038.58	56052.08594	56045.38944	56058.95313	505471.3	5409430.3
L5470.0	505471.3	5409427.4	15091.00000	315.74	64.25	48.837798	-86.925438	56031.58	56243.5	6.52	56038.10	56051.64844	56044.32118	56057.97656	505471.3	5409427.4
L5470.0	505471.3	5409427.4	15091.00000	315.74	64.25	48.837798	-86.925438	56031.13	56243.5	6.52	56037.65	56051.23828	56044.06642	56057.80469	505471.3	5409427.4
L5470.0	505471.3	5409426.0	15091.20020	316.75	64.25	48.837785	-86.925438	56030.75	56243.5	6.52	56037.28	56050.90625	56045.75215	56059.57031	505471.3	5409426.0
L5470.0	505471.3	5409424.6	15091.29981	314.38	65.47	48.837772	-86.925438	56030.32	56243.5	6.52	56036.84	56050.50391	56045.94119	56059.83203	505471.3	5409424.6
L5470.0	505471.3	5409424.6	15091.40039	316.76	64.11	48.837772	-86.925438	56029.89	56243.5	6.52	56036.42	56050.11328	56046.68871	56060.64453	505471.3	5409424.6
L5470.0	505471.4	5409422.9	15091.50000	315.92	64.11	48.837757	-86.925438	56029.36	56243.5	6.53	56035.88	56049.60547	56044.84205	56058.86328	505471.4	5409422.9
L5470.0	505471.4	5409421.5	15091.59961	315.78	66.66	48.837744	-86.925438	56028.86	56243.5	6.53	56035.38	56049.12891	56044.01873	56058.09375	505471.4	5409421.5

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5470.0	505471.4	5409420.1	15091.70020	314.99	64.86	48.837732	-86.925438	56028.22	56243.5	6.53	56034.75	56048.52344	56040.42043	56054.54688	505471.4	5409420.1
L5470.0	505471.4	5409419.0	15091.79981	315.85	64.86	48.837721	-86.925438	56027.69	56243.5	6.53	56034.22	56048.01172	56039.18139	56053.35547	505471.4	5409419.0
L5470.0	505471.4	5409419.0	15091.90039	315.07	65.05	48.837721	-86.925438	56027.13	56243.5	6.53	56033.66	56047.46875	56037.40053	56051.61328	505471.4	5409419.0
L5470.0	505471.4	5409417.0	15092.00000	312.44	65.05	48.837704	-86.925438	56026.68	56243.5	6.53	56033.21	56047.03125	56038.17390	56052.41797	505471.4	5409417.0
L5470.0	505471.4	5409415.6	15092.09961	313.06	60.69	48.837691	-86.925438	56026.09	56243.5	6.53	56032.63	56046.46094	56036.19739	56050.46875	505471.4	5409415.6
L5470.0	505471.4	5409414.5	15092.20020	312.84	60.69	48.837681	-86.925438	56025.62	56243.5	6.54	56032.15	56045.98828	56036.55351	56050.84766	505471.4	5409414.5
L5470.0	505471.4	5409414.5	15092.29981	313.89	63.12	48.837681	-86.925438	56025.26	56243.5	6.54	56031.80	56045.64063	56039.90930	56054.21875	505471.4	5409414.5
L5470.0	505471.4	5409413.3	15092.40039	313.02	65.6	48.837670	-86.925438	56024.70	56243.5	6.54	56031.25	56045.08984	56038.98694	56053.30469	505471.4	5409413.3
L5470.0	505471.4	5409411.4	15092.50000	312.75	66.59	48.837654	-86.925438	56024.07	56243.5	6.54	56030.62	56044.45703	56036.43051	56050.75000	505471.4	5409411.4
L5470.0	505471.4	5409410.0	15092.59961	312.03	66.59	48.837640	-86.925438	56023.59	56243.5	6.55	56030.14	56043.96875	56037.33930	56051.65625	505471.4	5409410.0
L5470.0	505471.4	5409408.8	15092.70020	312.13	67.47	48.837630	-86.925437	56023.04	56243.4	6.55	56029.59	56043.40625	56036.84516	56051.14844	505471.4	5409408.8
L5470.0	505471.4	5409408.8	15092.79981	315.30	68.16	48.837630	-86.925437	56022.56	56243.4	6.55	56029.11	56042.91406	56038.06863	56052.35547	505471.4	5409408.8
L5470.0	505471.4	5409407.2	15092.90039	316.14	68.16	48.837616	-86.925437	56021.97	56243.4	6.56	56028.53	56042.31641	56037.22026	56051.48438	505471.4	5409407.2
L5470.0	505471.4	5409405.8	15093.00000	315.95	67.22	48.837603	-86.925437	56021.29	56243.4	6.56	56027.85	56041.61328	56034.28428	56048.51953	505471.4	5409405.8
L5470.0	505471.5	5409404.4	15093.00000	315.95	67.22	48.837590	-86.925436	56020.78	56243.4	6.56	56027.34	56041.07813	56035.33550	56049.53516	505471.5	5409404.4
L5470.0	505471.5	5409402.9	15093.20020	315.28	67.87	48.837577	-86.925436	56020.18	56243.4	6.57	56026.75	56040.46094	56034.76212	56048.91797	505471.5	5409402.9
L5470.0	505471.5	5409401.7	15093.29981	316.29	67.87	48.837566	-86.925436	56019.64	56243.4	6.57	56026.22	56039.89844	56035.72892	56049.83594	505471.5	5409401.7
L5470.0	505471.5	5409401.7	15093.40039	315.80	66.25	48.837566	-86.925436	56018.98	56243.4	6.58	56025.56	56039.20313	56033.93949	56047.98828	505471.5	5409401.7
L5470.0	505471.5	5409400.0	15093.50000	317.24	66.25	48.837551	-86.925436	56018.33	56243.4	6.58	56024.91	56038.51563	56032.56623	56046.55469	505471.5	5409400.0
L5470.0	505471.6	5409398.3	15093.59961	316.20	68.78	48.837536	-86.925435	56017.77	56243.4	6.58	56024.36	56037.92188	56033.66702	56047.58594	505471.6	5409398.3
L5470.0	505471.6	5409396.5	15093.70020	318.74	68.16	48.837520	-86.925435	56017.09	56243.4	6.59	56023.68	56037.19531	56032.01314	56045.85547	505471.6	5409396.5
L5470.0	505471.6	5409396.5	15093.79981	316.88	68.16	48.837520	-86.925435	56016.41	56243.4	6.59	56023.00	56036.46875	56030.56667	56044.32813	505471.6	5409396.5
L5470.0	505471.6	5409395.2	15093.90039	316.55	68.45	48.837507	-86.925435	56015.65	56243.4	6.60	56022.24	56035.65625	56027.50634	56041.17969	505471.6	5409395.2
L5470.0	505471.6	5409393.2	15094.00000	316.20	68.45	48.837490	-86.925435	56014.98	56243.4	6.60	56021.58	56034.93750	56026.94987	56040.52734	505471.6	5409393.2
L5470.0	505471.6	5409392.0	15094.09961	314.07	66.85	48.837478	-86.925435	56014.34	56243.4	6.60	56020.94	56034.23828	56027.07671	56040.55078	505471.6	5409392.0
L5470.0	505471.6	5409392.0	15094.20020	313.99	68.37	48.837478	-86.925435	56013.65	56243.4	6.60	56020.25	56033.48438	56026.29119	56039.65625	505471.6	5409392.0
L5470.0	505471.6	5409390.6	15094.29981	312.77	68.37	48.837466	-86.925435	56013.07	56243.4	6.60	56019.66	56032.82813	56028.02867	56041.28125	505471.6	5409390.6
L5470.0	505471.6	5409389.1	15094.40039	313.53	68.41	48.837453	-86.925435	56012.41	56243.4	6.60	56019.01	56032.10938	56028.63702	56041.76563	505471.6	5409389.1
L5470.0	505471.6	5409388.0	15094.50000	313.58	68.83	48.837442	-86.925435	56011.66	56243.4	6.59	56018.25	56031.27344	56026.97971	56039.98047	505471.6	5409388.0
L5470.0	505471.6	5409386.3	15094.59961	314.39	68.83	48.837428	-86.925435	56010.92	56243.4	6.59	56017.51	56030.45703	56026.03464	56038.90234	505471.6	5409386.3
L5470.0	505471.6	5409385.2	15094.70020	315.18	68.29	48.837417	-86.925436	56010.14	56243.4	6.59	56016.73	56029.59766	56024.43388	56037.16016	505471.6	5409385.2
L5470.0	505471.6	5409385.2	15094.79981	313.87	68.29	48.837417	-86.925436	56009.38	56243.4	6.59	56015.97	56028.75391	56023.55657	56036.13672	505471.6	5409385.2
L5470.0	505471.5	5409383.5	15094.90039	315.38	61.13	48.837402	-86.925436	56008.70	56243.4	6.59	56015.29	56027.98438	56024.79197	56037.21875	505471.5	5409383.5
L5470.0	505471.5	5409382.1	15095.00000	314.15	61.2	48.837389	-86.925436	56007.98	56243.4	6.59	56014.57	56027.17578	56025.39365	56037.66406	505471.5	5409382.1
L5470.0	505471.5	5409380.4	15095.00000	314.15	61.2	48.837375	-86.925436	56007.15	56243.4	6.59	56013.74	56026.25000	56023.74299	56035.84766	505471.5	5409380.4
L5470.0	505471.5	5409380.4	15095.20020	315.98	67.74	48.837375	-86.925436	56006.29	56243.4	6.60	56012.88	56025.29297	56021.68134	56033.61328	505471.5	5409380.4
L5470.0	505471.5	5409379.0	15095.29981	316.51	67.74	48.837362	-86.925437	56005.45	56243.4	6.60	56012.05	56024.36328	56020.60868	56032.36328	505471.5	5409379.0
L5470.0	505471.5	5409377.6	15095.40039	317.39	66.99	48.837349	-86.925437	56004.52	56243.4	6.60	56011.12	56023.33203	56017.49579	56029.07031	505471.5	5409377.6
L5470.0	505471.5	5409377.6	15095.50000	316.59	66.17	48.837349	-86.925437	56003.66	56243.4	6.60	56010.26	56022.36328	56016.32305	56027.70703	505471.5	5409377.6
L5470.0	505471.4	5409375.7	15095.59961	317.45	66.17	48.837332	-86.925437	56002.75	56243.4	6.61	56009.35	56021.34375	56014.28637	56025.47656	505471.4	5409375.7
L5470.0	505471.4	5409374.3	15095.70020	316.22	67.47	48.837319	-86.925438	56001.96	56243.4	6.61	56008.57	56020.45313	56015.65053	56026.64063	505471.4	5409374.3
L5470.0	505471.4	5409372.8	15095.79981	316.93	67.47	48.837306	-86.925438	56001.00	56243.4	6.61	56007.62	56019.38672	56013.32330	56024.10938	505471.4	5409372.8
L5470.0	505471.4	5409371.5	15095.90039	316.03	65.83	48.837294	-86.925438	56000.14	56243.4	6.62	56006.76	56018.41016	56013.47737	56024.05078	505471.4	5409371.5
L5470.0	505471.4	5409370.3	15096.00000	315.25	64	48.837283	-86.925438	55999.03	56243.4	6.62	56005.65	56017.17969	56008.02385	56018.38281	505471.4	5409370.3
L5470.0	505471.4	5409369.2	15096.09961	315.82	64	48.837273	-86.925438	55998.14	56243.4	6.62	56004.77	56016.17578	56008.41552	56018.55469	505471.4	5409369.2
L5470.0	505471.4	5409368.0	15096.20020	315.08	63.81	48.837263	-86.925438	55997.31	56243.4	6.63	56003.94	56015.21875	56010.37035	56020.28125	505471.4	5409368.0
L5470.0	505471.4	5409368.0	15096.29981	316.65	63.81	48.837263	-86.925438	55996.47	56243.4	6.63	56003.10	56014.25000	56012.45819	56022.14063	505471.4	5409368.0
L5470.0	505471.4	5409366.5	15096.40039	315.44	62.61	48.837250	-86.925438	55995.36	56243.4	6.63	56001.99	56013.00781	56008.51236	56017.95703	505471.4	5409366.5
L5470.0	505471.4	5409365.4	15096.50000	316.87	62.61	48.837240	-86.925438	55994.45	56243.4	6.64	56001.08	56011.96094	56009.70936	56018.91406	505471.4	5409365.4
L5470.0	505471.4	5409363.7	15096.59961	315.42	60.97	48.837224	-86.925438	55993.46	56243.4	6.64	56000.10	56010.84375	56009.64509	56018.60547	505471.4	5409363.7
L5470.0	505471.4	5409362.4	15096.70020	315.88	62.68	48.837212	-86.925438	55992.53	56243.4	6.64	55999.17	56009.77344	56011.15557	56019.86719	505471.4	5409362.4
L5470.0	505471.4	5409361.0	15096.79981	316.05	62.68	48.837200	-86.925438	55991.34	56243.4	6.64	55997.98	56008.44141	56006.99680	56015.45313	505471.4	5409361.0
L5470.0	505471.4	5409361.0	15096.90039	317.04	62.31	48.837200	-86.925438	55990.36	56243.4	6.65	55997.00	56007.31641	56008.16718	56016.36719	505471.4	5409361.0
L5470.0	505471.4	5409359.3	15097.00000	314.80	59.57	48.837185	-86.925438	55989.21	56243.3	6.65	55995.86	56006.03125	56006.05569	56013.99609	505471.4	5409359.3
L5470.0	505471.4	5409359.3	15097.00000	314.80	59.57	48.837185	-86.925438	55988.13	56243.3	6.65	55994.78	56004.80078	56005.77096	56013.44531	505471.4	5409359.3
L5470.0	505471.4	5409356.2	15097.20020	315.48	60.89	48.837157	-86.925438	55986.96	56243.3	6.66	55993.62	56003.49219	56004.09904	56011.50391	505471.4	5409356.2
L5470.0	505471.4	5409356.2	15097.29981	315.09	62.85	48.837157	-86.925438	55985.80	56243.3	6.66	55992.46	56002.17578	56002.88621	56010.01953	505471.4	5409356.2
L5470.0	505471.4	5409354.5	15097.40039	314.15	62.85	48.837142	-86.925438	55984.51	56243.3	6.67	55991.17	56000.73047	55999.20388	56006.05859	505471.4	5409354.5
L5470.0	505471.4	5409354.5	15097.50000	315.87	62.87	48.837142	-86.925438	55983.27	56243.3	6.67	55989.94	55999.34375	55997.35815	56003.93359	505471.4	5409354.5
L5470.0	505471.4	5409353.1	15097.59961	312.96	60.92	48.837129	-86.925438	55981.98	56243.3	6.67	55988.65	55997.89453	55994.64903	56000.94531	505471.4	5409353.1
L5470.0	505471.4	5409351.4	15097.70020	314.66	60.92	48.837114	-86.925438	55980.66	56243.3	6.68	55987.34	55996.42578	55991.98113	55997.99219	505471.4	5409351.4
L5470.0	505471.4	5409350.2	15097.79981	312.72	63.12	48.837103	-86.925438	55979.33	56243.3	6.68	55986.01	55994.92969	55989.35652	55995.07813	505471.4	5409350.2
L5470.0	505471.4	5409348.6	15097.90039	311.70	64.94	48.837089	-86.925438	55978.04	56243.3	6.69	55984.72	55993.47656	55988.10607	55993.53906	505471.4	5409348.6
L5470.0	505471.4	5409348.6	15098.00000	312.66	64.94	48.837089	-86.925438	55976.75	56243.3	6.69	55983.44	55992.03125	55987.56413	55992.70313	505471.4	5409348.6
L5470.0	505471.4	5409346.2	15098.09961	313.61	64.94	48.837067	-86.925439	55975.48	56243.3	6.69	55982.17	55990.59375	55987.73694	55992.58203	505471.4	5409346.2
L5470.0	505471.4	5409346.2	15098.20020	314.82	63.54	48.837067	-86.925439	55974.14	56243.3	6.69	55980.83	55989.08203	55986.86063	55991.40625	505471.4	5409346.2
L5470.0	505471.4	5409344.5	15098.29981	312.84	62.63	48.837052	-86.925439	55972.88	56243.3	6.69	55979.56	55987.64453	55988.05130	55992.29688	505471.4	5409344.5
L5470.0	505471.3	5409343.1	15098.40039	315.83	62.63	48.837039	-86.925439	55971.38	56243.3	6.69	55978.07	55985.98047	55984.86035	55988.80859	505471.3	5409343.1
L5470.0	505471.3	5409341.9	15098.50000	314.46	63.14	48.837028	-86.925439	55969.99	56243.3	6.69	55976.67	55984.40625	55984.19341	55987.83984	505471.3	5409341.9
L5470.0	505471.3	5409340.8	15098.59961	314.01	62.14	48.837018	-86.925440	55968.60	56243.3	6.68	55975.29	55982.85156	55984.51301	55987.85547	505471.3	5409340.8
L5470.0	505471.3	5409339.6	15098.70020	313.97	62.14	48.837007	-86.925440	55967.16	56243.3	6.68	55973.84	55981.22656	55983.79660	55986.83203	505471.3	5409339.6
L5470.0	505471.2	5409337.9	15098.79981	313.56	66.94	48.836992	-86.925440	55965.41	56243.3	6.68	55972.10	55979.30859	55976.98172	55979.71094	505471.2	5409337.9
L5470.0	505471.2	5409337.9	15098.90039	315.81	62.23	48.836992	-86.925440	55963.79	56243.3	6.68	55970.47	55977.50391	55973.16753	55975.58984	505471.2	5409337.9
L5470.0	505471.2	5409336.5	15099.00000	315.61	65.96	48.836979	-86.925441	55962.18	56243.3	6.68	55968.86	55975.71484	55970.32971	55972.44531	505471.2	5409336.5
L5470.0	505471.2	5409334.8	15099.00000	315.61	65.96	48.836964	-86.925442	55960.68	56243.3	6.68	55967.36	55974.03516	55970.60993	55972.41797	505471.2	5409334.8
L5470.0	505471.1	5409333.6	15099.20020	316.92	62.79	48.836954	-86.925442	55958.98	56243.3	6.69	55965.67	55972.16406	55966.97996	55968.47656	505471.1	5409333.6
L5470.0	505471.1	5409333.6	15099.29981	317.87	62.79	48.836954	-86.925442	55957.46	56243.3	6.69	55964.16	55970.47266	55968.18267	55969.37109	505471.1	5409333.6
L5470.0	505471.1	5409331.5	15099.40039	317.62	64.93	48.836934	-86.925443	55955.75	56243.3	6.70	55962.45	55968.58203	55965.18893	55966.07031	505471.1	5409331.5
L5470.0	505471.0	5409330.1	15099.50000	316.96	63.83	48.836922	-86.925444	55954.08	56243.3	6.71	55960.78	55966.73047	55963.72162	55964.29297	505471.0	5409330.1
L5470.0	505471.0	5409328.4	15099.59961	316.84	63.83	48.836907	-86.925444	55952.26	56243.3	6.71	55958.97	55964.73438	55959.42685	55959.69141	505471.0	5409328.4
L5470.0	505470.9	5409327.0	15099.70020	316.05	67.33	48.836894	-86.925445	55950.54	56243.3	6.72	55957.25	55962.83203	55957.89237	55957.84766	505470.9	5409327.0
L5470.0	505470.9	5409327.0	15099.79981	316.86	67.33	48.836894	-86.925445	55948.70	56243.3	6.72	55955.42	55960.82031	55954.24060	55953.89063	505470.9	5409327.0
L5470.0	505470.9	5409325.6	15099.90039	317.95	67.33	48.836881	-86.925445	55946.97	56243.3	6.73	55953.70	55958.91406	55953.88038	55953.22266	505470.9	5409325.6
L5470.0	505470.9	5409324.4	15100.00000	317.99	64.77	48.836871	-86.925446	55945.18	56243.3	6.73	55951.91	55956.94141	55952.38452	55951.42188	505470.9	5409324.4
L5470.0	505470.9	5409324.4	15100.09961	318.86	65.83	48.836871	-86.925446	55943.36	56243.3	6.73	55950.09	55954.93750	55950.73263	55949.46875	505470.9	5409324.4
L5470.0	505470.8	5409322.5	15100.20020	318.99	65.83	48.836854	-86.925446	55941.48	56243.3	6.74	55948.22	55952.88281	55948.42124	55946.85156	505470.8	5409322.5
L5470.0	505470.8	5409320.9	15100.29981	320.61	67.69	48.836839	-86.925447	55939.62	56243.3	6.74	55946.36	55950.83984	55946.93950	55945.07031	505470.8	5409320.9
L5470.0	505470.8	5409319.7	15100.40039	318.97	67.69	48.836829	-86.925447	55937.74	56243.3	6.75	55944.48	55948.77344	55945.53646	55943.36719	505470.8	5409319.7
L5470.0	505470.8	5409318.3	15100.50000	319.16	67.25	48.836816	-86.925447	55935.79	56243.3	6.75	55942.54	55946.64844	55943.20308	55940.73828	505470.8	5409318.3
L5470.0	505470.8	5409318.3	15100.59961	316.06	67.72	48.836816	-86.925447	55933.79	56243.2	6.75	55940.55	55944.47656	55940.17505	55937.41406	505470.8	5409318.3
L5470.0	505470.8	5409317.1	15100.70020	315.80	67.91	48.836805	-86.925447	55931.70	56243.2	6.76	55938.45	55942.19141	55934.92155	55931.86328	505470.8	5409317.1
L5470.0	505470.7	5409315.5	15100.79981	316.24	67.91	48.836790	-86.925448	55929.70	56243.2	6.76	55936.46	55940.01953	55932.97936	55929.63281	505470.7	5409315.5
L5470.0	505470.7	5409314.2	15100.90039	316.50	67.91	48.836779	-86.925448	55927.57	56243.2	6.77	55934.34	55937.71484	55928.27093	55924.63281	505470.7	5409314.2

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5470.0	505470.7	5409312.6	15101.00000	316.64	65.78	48.836765	-86.925448	55925.47	56243.2	6.77	55932.24	55935.43359	55924.57859	55920.65625	505470.7	5409312.6
L5470.0	505470.7	5409312.6	15101.00000	316.64	67.62	48.836765	-86.925448	55923.32	56243.2	6.77	55930.09	55933.10156	55920.10639	55915.90234	505470.7	5409312.6
L5470.0	505470.7	5409311.2	15101.20020	316.29	64.76	48.836752	-86.925448	55921.38	56243.2	6.78	55928.15	55930.98047	55921.51079	55917.02344	505470.7	5409311.2
L5470.0	505470.7	5409309.3	15101.29981	315.61	64.76	48.836735	-86.925448	55919.18	56243.2	6.78	55925.96	55928.60938	55916.97634	55912.21094	505470.7	5409309.3
L5470.0	505470.7	5409308.1	15101.40039	315.98	69.6	48.836724	-86.925448	55917.10	56243.2	6.78	55923.88	55926.34766	55918.64942	55913.61328	505470.7	5409308.1
L5470.0	505470.7	5409306.7	15101.50000	317.55	69.6	48.836711	-86.925449	55914.92	56243.2	6.78	55921.71	55924.00000	55915.35297	55910.04297	505470.7	5409306.7
L5470.0	505470.7	5409306.7	15101.59961	317.25	65.38	48.836711	-86.925449	55912.77	56243.2	6.79	55919.56	55921.67188	55912.62793	55907.05078	505470.7	5409306.7
L5470.0	505470.7	5409305.0	15101.70020	318.76	67.59	48.836696	-86.925449	55910.47	56243.2	6.79	55917.26	55919.19531	55907.60546	55901.76563	505470.7	5409305.0
L5470.0	505470.7	5409303.3	15101.79981	318.35	67.59	48.836681	-86.925449	55908.20	56243.2	6.79	55914.99	55916.74609	55903.29038	55897.18750	505470.7	5409303.3
L5470.0	505470.6	5409301.9	15101.90039	320.28	67.59	48.836668	-86.925449	55905.94	56243.2	6.80	55912.74	55914.32031	55899.50316	55893.14453	505470.6	5409301.9
L5470.0	505470.6	5409301.9	15102.00000	319.81	67.2	48.836668	-86.925449	55903.72	56243.2	6.80	55910.52	55911.92578	55896.39917	55889.78906	505470.6	5409301.9
L5470.0	505470.6	5409300.5	15102.09961	318.98	67.57	48.836655	-86.925449	55901.44	56243.2	6.80	55908.24	55909.47266	55892.44313	55885.58594	505470.6	5409300.5
L5470.0	505470.6	5409298.5	15102.20020	318.79	67.57	48.836637	-86.925450	55899.24	56243.2	6.81	55906.05	55907.11328	55890.15154	55883.05078	505470.6	5409298.5
L5470.0	505470.6	5409298.5	15102.29981	318.66	71.27	48.836637	-86.925450	55896.84	56243.2	6.81	55903.65	55904.53906	55884.43553	55877.09375	505470.6	5409298.5
L5470.0	505470.6	5409296.6	15102.40039	318.41	71.27	48.836620	-86.925450	55894.46	56243.2	6.81	55901.27	55901.99219	55879.16367	55871.58594	505470.6	5409296.6
L5470.0	505470.6	5409295.2	15102.50000	317.05	71.97	48.836608	-86.925450	55892.16	56243.2	6.82	55898.98	55899.53125	55875.50135	55867.69141	505470.6	5409295.2
L5470.0	505470.5	5409293.7	15102.59961	315.21	71.76	48.836594	-86.925451	55889.88	56243.2	6.82	55896.70	55897.08594	55872.07536	55864.03906	505470.5	5409293.7
L5470.0	505470.5	5409292.1	15102.70020	314.95	71.76	48.836580	-86.925451	55887.58	56243.2	6.82	55894.40	55894.62109	55868.35835	55860.10156	505470.5	5409292.1
L5470.0	505470.5	5409292.1	15102.79981	315.28	71	48.836580	-86.925451	55885.23	56243.2	6.82	55892.05	55892.10547	55863.82484	55855.34766	505470.5	5409292.1
L5470.0	505470.5	5409290.4	15102.90039	316.11	71	48.836565	-86.925451	55882.82	56243.2	6.83	55889.65	55889.54297	55858.45451	55849.76563	505470.5	5409290.4
L5470.0	505470.5	5409289.0	15103.00000	316.71	68.93	48.836552	-86.925451	55880.55	56243.2	6.83	55887.38	55887.11328	55855.25168	55846.35938	505470.5	5409289.0
L5470.0	505470.5	5409289.0	15103.00000	316.71	71.62	48.836552	-86.925451	55878.38	56243.2	6.83	55885.21	55884.78516	55853.67489	55844.57813	505470.5	5409289.0
L5470.0	505470.5	5409287.3	15103.20020	317.08	71.62	48.836537	-86.925451	55876.02	56243.2	6.83	55882.85	55882.26563	55848.82174	55839.52734	505470.5	5409287.3
L5470.0	505470.5	5409285.6	15103.29981	317.84	70.85	48.836522	-86.925451	55873.74	56243.2	6.83	55880.57	55879.83203	55845.19701	55835.71094	505470.5	5409285.6
L5470.0	505470.5	5409283.9	15103.40039	317.83	70.85	48.836507	-86.925451	55871.42	56243.2	6.83	55878.25	55877.35547	55840.74697	55831.07422	505470.5	5409283.9
L5470.0	505470.5	5409283.9	15103.50000	317.43	70.94	48.836507	-86.925451	55869.17	56243.2	6.83	55876.00	55874.95313	55837.26791	55827.41406	505470.5	5409283.9
L5470.0	505470.5	5409282.5	15103.59961	318.97	70.94	48.836494	-86.925451	55866.86	56243.2	6.84	55873.70	55872.50391	55832.72343	55822.69141	505470.5	5409282.5
L5470.0	505470.5	5409280.9	15103.70020	318.27	72.57	48.836479	-86.925451	55864.62	56243.2	6.84	55871.45	55870.10547	55828.77530	55818.57031	505470.5	5409280.9
L5470.0	505470.5	5409280.9	15103.79981	318.11	72.57	48.836479	-86.925451	55862.44	56243.2	6.84	55869.28	55867.78906	55825.91586	55815.54688	505470.5	5409280.9
L5470.0	505470.6	5409279.2	15103.90039	316.38	70.64	48.836464	-86.925451	55860.21	56243.2	6.84	55867.05	55865.41406	55821.76285	55811.23438	505470.6	5409279.2
L5470.0	505470.6	5409277.6	15104.00000	316.16	71.88	48.836449	-86.925451	55857.96	56243.2	6.84	55864.80	55863.01953	55816.96891	55806.28516	505470.6	5409277.6
L5470.0	505470.6	5409276.4	15104.09961	314.01	72.77	48.836439	-86.925451	55855.82	56243.2	6.84	55862.66	55860.74219	55813.73195	55802.89844	505470.6	5409276.4
L5470.0	505470.6	5409276.4	15104.20020	313.97	72.77	48.836439	-86.925451	55853.63	56243.2	6.85	55860.48	55858.42188	55809.48014	55798.50391	505470.6	5409276.4
L5470.0	505470.6	5409275.0	15104.29981	315.14	72.77	48.836426	-86.925450	55851.46	56243.1	6.85	55858.31	55856.11719	55805.04907	55793.93359	505470.6	5409275.0
L5470.0	505470.6	5409273.1	15104.40039	315.03	74.79	48.836409	-86.925450	55849.26	56243.1	6.86	55856.12	55853.79297	55799.91210	55788.66406	505470.6	5409273.1
L5470.0	505470.6	5409273.1	15104.50000	318.13	75.03	48.836409	-86.925450	55847.16	56243.1	6.86	55854.03	55851.57031	55796.11637	55784.74219	505470.6	5409273.1
L5470.0	505470.6	5409271.6	15104.59961	320.15	75.03	48.836396	-86.925450	55845.04	56243.1	6.87	55851.91	55849.32031	55791.40711	55779.91016	505470.6	5409271.6
L5470.0	505470.6	5409270.2	15104.70020	321.44	76.27	48.836383	-86.925450	55843.01	56243.1	6.88	55849.89	55847.17188	55787.98587	55776.37500	505470.6	5409270.2
L5470.0	505470.6	5409268.8	15104.79981	319.61	76.27	48.836370	-86.925450	55840.98	56243.1	6.88	55847.86	55845.01563	55783.93969	55772.21875	505470.6	5409268.8
L5470.0	505470.6	5409268.8	15104.90039	319.49	75.35	48.836370	-86.925450	55839.14	56243.1	6.89	55846.03	55843.06250	55782.80995	55770.98438	505470.6	5409268.8
L5470.0	505470.6	5409266.9	15105.00000	318.18	75.2	48.836353	-86.925450	55837.07	56243.1	6.89	55843.96	55840.87109	55777.09433	55765.17188	505470.6	5409266.9
L5470.0	505470.6	5409265.2	15105.00000	318.18	75.2	48.836338	-86.925450	55835.22	56243.1	6.89	55842.11	55838.90625	55774.55832	55762.54297	505470.6	5409265.2
L5470.0	505470.6	5409265.2	15105.20020	318.01	77.42	48.836338	-86.925450	55833.43	56243.1	6.89	55840.32	55837.00000	55772.44506	55760.33984	505470.6	5409265.2
L5470.0	505470.6	5409263.7	15105.29981	317.70	77.42	48.836325	-86.925450	55831.61	56243.1	6.89	55838.50	55835.06641	55776.17810	55763.99219	505470.6	5409263.7
L5470.0	505470.6	5409262.4	15105.40039	319.24	78.18	48.836313	-86.925450	55829.76	56243.1	6.89	55836.65	55833.10547	55771.37821	55759.11719	505470.6	5409262.4
L5470.0	505470.6	5409260.4	15105.50000	320.53	78.18	48.836295	-86.925450	55828.06	56243.1	6.89	55834.95	55831.29688	55769.33819	55757.00391	505470.6	5409260.4
L5470.0	505470.6	5409258.8	15105.59961	320.77	65.12	48.836281	-86.925450	55826.32	56243.1	6.90	55833.22	55829.45703	55765.41033	55753.01172	505470.6	5409258.8
L5470.0	505470.6	5409258.8	15105.70020	320.64	65.12	48.836281	-86.925450	55824.67	56243.1	6.90	55831.56	55827.69531	55762.09680	55749.64063	505470.6	5409258.8
L5470.0	505470.6	5409257.4	15105.79981	318.33	79.82	48.836268	-86.925450	55823.06	56243.1	6.90	55829.96	55825.99219	55759.09501	55746.58203	505470.6	5409257.4
L5470.0	505470.6	5409255.8	15105.90039	316.43	79.82	48.836253	-86.925450	55821.58	56243.1	6.90	55828.48	55824.41406	55757.85453	55745.29297	505470.6	5409255.8
L5470.0	505470.6	5409255.8	15106.00000	314.53	77.81	48.836253	-86.925450	55819.99	56243.1	6.90	55826.89	55822.73047	55752.59712	55739.99609	505470.6	5409255.8
L5470.0	505470.6	5409254.1	15106.09961	314.46	78.61	48.836238	-86.925450	55818.71	56243.1	6.90	55825.61	55821.35547	55753.70069	55741.06250	505470.6	5409254.1
L5470.0	505470.6	5409252.7	15106.20020	314.54	78.61	48.836225	-86.925450	55817.39	56243.1	6.91	55824.30	55819.95313	55752.68155	55740.00781	505470.6	5409252.7
L5470.0	505470.6	5409251.3	15106.29981	314.17	80.92	48.836213	-86.925450	55816.14	56243.1	6.92	55823.06	55818.62500	55751.98083	55739.28125	505470.6	5409251.3
L5470.0	505470.6	5409249.6	15106.40039	315.56	80.92	48.836198	-86.925450	55814.84	56243.1	6.92	55821.76	55817.23828	55748.36398	55735.64453	505470.6	5409249.6
L5470.0	505470.6	5409249.6	15106.50000	315.27	80.53	48.836198	-86.925450	55813.72	56243.1	6.93	55820.64	55816.03516	55747.68113	55734.94531	505470.6	5409249.6
L5470.0	505470.7	5409248.0	15106.59961	316.59	80.79	48.836183	-86.925450	55812.58	56243.1	6.93	55819.51	55814.82422	55745.24270	55732.49609	505470.7	5409248.0
L5470.0	505470.7	5409246.3	15106.70020	316.99	80.12	48.836168	-86.925449	55811.52	56243.1	6.93	55818.45	55813.68750	55742.99849	55730.24609	505470.7	5409246.3
L5470.0	505470.7	5409246.3	15106.79981	317.93	80.12	48.836168	-86.925449	55810.54	56243.1	6.94	55817.47	55812.63281	55741.17878	55728.42578	505470.7	5409246.3
L5470.0	505470.7	5409244.9	15106.90039	317.36	78.44	48.836156	-86.925449	55809.54	56243.1	6.94	55816.49	55811.57813	55737.79679	55725.04688	505470.7	5409244.9
L5470.0	505470.7	5409243.3	15107.00000	315.66	78.44	48.836141	-86.925449	55808.74	56243.1	6.95	55815.69	55810.70703	55737.30863	55724.57031	505470.7	5409243.3
L5470.0	505470.7	5409243.3	15107.00000	315.66	80.85	48.836141	-86.925449	55807.95	56243.1	6.95	55814.90	55809.85156	55735.48749	55722.76172	505470.7	5409243.3
L5470.0	505470.7	5409241.7	15107.20020	317.49	77	48.836126	-86.925449	55807.30	56243	6.96	55814.26	55809.14453	55735.82789	55723.12109	505470.7	5409241.7
L5470.0	505470.7	5409240.0	15107.29981	317.48	77	48.836112	-86.925449	55806.64	56243	6.96	55813.60	55808.42188	55734.06257	55721.37891	505470.7	5409240.0
L5470.0	505470.7	5409238.8	15107.40039	316.99	83.52	48.836101	-86.925449	55806.06	56243	6.97	55813.03	55807.79297	55732.94843	55720.29297	505470.7	5409238.8
L5470.0	505470.7	5409238.8	15107.50000	317.85	79.55	48.836101	-86.925449	55805.47	56243	6.97	55812.45	55807.15625	55729.94206	55717.32031	505470.7	5409238.8
L5470.0	505470.7	5409237.2	15107.59961	318.50	80.58	48.836086	-86.925449	55805.10	56243	6.98	55812.08	55806.73438	55730.64323	55718.05859	505470.7	5409237.2
L5470.0	505470.7	5409235.8	15107.70020	319.13	80.58	48.836073	-86.925449	55804.67	56243	6.99	55811.65	55806.25000	55728.16185	55715.61719	505470.7	5409235.8
L5470.0	505470.7	5409234.3	15107.79981	318.35	82.2	48.836060	-86.925449	55804.43	56243	6.99	55811.42	55805.97266	55729.16110	55716.66406	505470.7	5409234.3
L5470.0	505470.7	5409234.3	15107.90039	317.83	81.79	48.836060	-86.925449	55804.12	56243	7.00	55811.11	55805.61328	55714.66508	55702.21875	505470.7	5409234.3
L5470.0	505470.7	5409231.7	15108.00000	316.32	81.79	48.836037	-86.925449	55803.98	56243	7.00	55810.98	55805.44141	55714.68275	55702.28906	505470.7	5409231.7
L5470.0	505470.7	5409231.7	15108.09961	317.11	84.97	48.836037	-86.925449	55803.90	56243	7.00	55810.90	55805.32031	55714.54001	55702.20703	505470.7	5409231.7
L5470.0	505470.7	5409230.2	15108.20020	317.42	84.97	48.836023	-86.925449	55803.91	56243	7.01	55810.92	55805.30078	55715.08024	55702.80859	505470.7	5409230.2
L5470.0	505470.7	5409228.9	15108.29981	317.50	85.18	48.836011	-86.925449	55803.86	56243	7.01	55810.86	55805.20703	55713.26504	55701.05859	505470.7	5409228.9
L5470.0	505470.7	5409227.2	15108.40039	318.51	84.73	48.835996	-86.925449	55804.04	56243	7.01	55811.05	55805.36328	55714.68815	55702.55469	505470.7	5409227.2
L5470.0	505470.7	5409226.3	15108.50000	320.01	84.73	48.835988	-86.925449	55804.08	56243	7.01	55811.09	55805.37109	55712.56294	55700.50391	505470.7	5409226.3
L5470.0	505470.7	5409224.9	15108.59961	318.80	83.7	48.835976	-86.925450	55804.39	56243	7.02	55811.40	55805.65234	55714.04818	55702.06641	505470.7	5409224.9
L5470.0	505470.7	5409223.5	15108.70020	316.66	84.86	48.835963	-86.925450	55804.66	56243	7.02	55811.68	55805.91016	55714.03850	55702.13672	505470.7	5409223.5
L5470.0	505470.7	5409223.5	15108.79981	317.27	84.86	48.835963	-86.925450	55805.15	56243	7.02	55812.17	55806.37500	55716.66546	55704.84766	505470.7	5409223.5
L5470.0	505470.7	5409221.8	15108.90039	316.55	85.87	48.835948	-86.925450	55805.63	56243	7.03	55812.65	55806.83594	55718.17516	55706.44922	505470.7	5409221.8
L5470.0	505470.6	5409220.4	15109.00000	317.72	84.43	48.835935	-86.925450	55806.18	56243	7.03	55813.21	55807.37891	55720.13199	55708.49609	505470.6	5409220.4
L5470.0	505470.6	5409218.7	15109.00000	317.72	84.43	48.835920	-86.925450	55806.67	56243	7.03	55813.70	55807.85156	55719.95578	55708.41406	505470.6	5409218.7
L5470.0	505470.6	5409218.7	15109.20020	318.74	87.25	48.835920	-86.925450	55807.42	56243	7.04	55814.46	55808.60156	55723.56911	55712.12500	505470.6	5409218.7
L5470.0	505470.6	5409217.1	15109.29981	319.21	87.25	48.835905	-86.925450	55808.08	56243	7.05	55815.13	55809.26172	55724.75305	55713.41016	505470.6	5409217.1
L5470.0	505470.6	5409215.3	15109.40039	318.43	87.23	48.835889	-86.925451	55808.84	56242.9	7.05	55815.89	55810.01172	55726.65473	55715.41797	505470.6	5409215.3
L5470.0	505470.6	5409213.7	15109.50000	320.40	87.23	48.835875	-86.925451	55809.65	56242.9	7.06	55816.71	55810.82813	55728.77835	55717.64844	505470.6	5409213.7
L5470.0	505470.6	5409212.5	15109.59961	319.51	87.16	48.835864	-86.925451	55810.53	56242.9	7.07	55817.59	55811.70313	55731.14588	55720.12500	505470.6	5409212.5
L5470.0	505470.6	5409212.5	15109.70020	318.70	87.16	48.835864	-86.925451	55811.42	56242.9	7.07	55818.49	55812.60547	55733.08340	55722.17578	505470.6	5409212.5
L5470.0	505470.6	5409210.9	15109.79981	318.55	84.2	48.835849	-86.925451	55812.38	56242.9	7.08	55819.46	55813.57813	55735.48560	55724.69141	505470.6	5409210.9
L5470.0	505470.6	5409209.2	15109.90039	320.22	83.68	48.835834	-86.925451	55813.42	56242.9	7.08	55820.50	55814.62109	55738.36709	55727.69141	505470.6	5409209.2
L5470.0	505470.6	5409209.2	15110.00000	319.02	83.68	48.835834	-86.925451	55814.45	56242.9	7.09	55821.54	55815.66797	55740.53001	55729.97656	505470.6	5409209.2
L5470.0	505470.6	5409207.3	15110.09961	318.14	87.84	48.835817	-86.925450	55815.69	56242.9	7.09	55822.78	55816.91797	55745.44696	55735.01563	505470.6	5409207.3
L5470.0	505470.6	5409205.8	15110.20020	319.00	87.84	48.835804	-86.925450	55816.88	56242.9	7.09	55823.98	55818.12891	55748.98325	55738.67578	505470.6	5409205.8

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5470.0	505470.7	5409204.4	15110.29981	318.19	87.6	48.835791	-86.925450	55818.07	56242.9	7.10	55825.16	55819.32422	55751.51460	55741.33203	505470.7	5409204.4
L5470.0	505470.7	5409204.4	15110.40039	318.74	87.6	48.835791	-86.925450	55819.29	56242.9	7.10	55826.38	55820.55859	55754.08979	55744.03906	505470.7	5409204.4
L5470.0	505470.7	5409202.5	15110.50000	319.19	85.43	48.835774	-86.925450	55820.57	56242.9	7.10	55827.67	55821.86719	55757.23339	55747.31250	505470.7	5409202.5
L5470.0	505470.7	5409201.1	15110.59961	319.76	86.79	48.835761	-86.925450	55821.92	56242.9	7.10	55829.02	55823.23828	55760.78298	55750.99609	505470.7	5409201.1
L5470.0	505470.7	5409199.4	15110.70020	319.61	86.79	48.835746	-86.925450	55823.31	56242.9	7.10	55830.41	55824.65234	55764.41164	55754.75781	505470.7	5409199.4
L5470.0	505470.7	5409199.4	15110.79981	317.77	86.79	48.835746	-86.925450	55824.70	56242.9	7.11	55831.81	55826.07813	55771.91107	55762.39453	505470.7	5409199.4
L5470.0	505470.7	5409198.0	15110.90039	316.27	84.58	48.835733	-86.925450	55826.16	56242.9	7.11	55833.27	55827.56641	55775.38924	55766.01172	505470.7	5409198.0
L5470.0	505470.7	5409196.5	15111.00000	316.08	85.86	48.835721	-86.925449	55827.61	56242.9	7.11	55834.72	55829.04688	55777.81753	55768.57813	505470.7	5409196.5
L5470.0	505470.7	5409194.9	15111.00000	316.08	85.86	48.835705	-86.925449	55829.13	56242.9	7.11	55836.24	55830.59766	55781.28822	55772.19141	505470.7	5409194.9
L5470.0	505470.7	5409194.9	15111.20020	316.80	83.89	48.835705	-86.925449	55830.64	56242.9	7.12	55837.77	55832.16406	55784.30879	55775.35547	505470.7	5409194.9
L5470.0	505470.8	5409193.5	15111.29981	315.86	83.89	48.835693	-86.925449	55832.16	56242.9	7.13	55839.29	55833.71875	55786.42147	55777.60938	505470.8	5409193.5
L5470.0	505470.8	5409193.5	15111.40039	313.88	84.62	48.835693	-86.925449	55833.78	56242.9	7.13	55840.91	55835.37500	55790.45881	55781.79297	505470.8	5409193.5
L5470.0	505470.8	5409191.8	15111.50000	313.17	85.68	48.835678	-86.925449	55835.27	56242.9	7.14	55842.41	55836.91797	55790.89689	55782.37891	505470.8	5409191.8
L5470.0	505470.8	5409190.2	15111.59961	314.47	85.68	48.835663	-86.925449	55836.86	56242.9	7.15	55844.01	55838.55859	55793.34120	55784.97266	505470.8	5409190.2
L5470.0	505470.8	5409190.2	15111.70020	315.06	89.32	48.835663	-86.925449	55838.51	56242.8	7.15	55845.66	55840.25391	55796.56670	55788.34375	505470.8	5409190.2
L5470.0	505470.8	5409187.1	15111.79981	316.28	89.32	48.835636	-86.925448	55840.31	56242.8	7.16	55847.46	55842.09766	55803.14100	55795.06641	505470.8	5409187.1
L5470.0	505470.8	5409187.1	15111.90039	318.50	90.7	48.835636	-86.925448	55841.90	56242.8	7.16	55849.06	55843.74609	55804.27772	55796.35547	505470.8	5409187.1
L5470.0	505470.9	5409185.4	15112.00000	317.52	89.67	48.835621	-86.925448	55843.62	56242.8	7.17	55850.79	55845.52734	55808.35093	55800.58203	505470.9	5409185.4
L5470.0	505470.9	5409184.0	15112.09961	320.23	89.67	48.835608	-86.925448	55845.24	56242.8	7.17	55852.41	55847.19922	55809.34092	55801.72266	505470.9	5409184.0
L5470.0	505470.9	5409184.0	15112.20020	318.68	89.69	48.835608	-86.925448	55846.98	56242.8	7.18	55854.15	55848.99219	55813.11042	55805.64453	505470.9	5409184.0
L5470.0	505470.9	5409182.1	15112.29981	317.63	89.69	48.835590	-86.925448	55848.70	56242.8	7.18	55855.88	55850.77734	55816.41512	55809.10156	505470.9	5409182.1
L5470.0	505470.9	5409180.6	15112.40039	317.74	92.92	48.835577	-86.925448	55850.38	56242.8	7.18	55857.56	55852.51563	55818.27735	55811.12109	505470.9	5409180.6
L5470.0	505470.9	5409180.6	15112.50000	316.13	92.92	48.835577	-86.925448	55852.14	56242.8	7.18	55859.33	55854.34375	55822.29252	55815.28906	505470.9	5409180.6
L5470.0	505470.9	5409178.9	15112.59961	317.07	93.9	48.835562	-86.925448	55853.82	56242.8	7.19	55861.00	55856.07422	55823.66991	55816.82422	505470.9	5409178.9
L5470.0	505470.9	5409177.8	15112.70020	317.17	93.9	48.835552	-86.925447	55855.54	56242.8	7.19	55862.73	55857.86719	55826.50717	55819.81641	505470.9	5409177.8
L5470.0	505470.9	5409176.1	15112.79981	318.55	90.32	48.835537	-86.925447	55857.31	56242.8	7.19	55864.50	55859.69922	55830.32600	55823.78906	505470.9	5409176.1
L5470.0	505470.9	5409176.1	15112.90039	317.14	92.63	48.835537	-86.925447	55859.02	56242.8	7.20	55866.22	55861.48438	55832.87067	55826.48828	505470.9	5409176.1
L5470.0	505470.9	5409174.6	15113.00000	316.30	92.63	48.835523	-86.925447	55860.75	56242.8	7.20	55867.95	55863.28125	55835.68926	55829.46484	505470.9	5409174.6
L5470.0	505470.9	5409173.0	15113.00000	316.30	93.14	48.835509	-86.925447	55862.52	56242.8	7.20	55869.72	55865.12109	55839.55841	55833.49219	505470.9	5409173.0
L5470.0	505470.9	5409171.6	15113.20020	317.11	93.14	48.835496	-86.925447	55864.21	56242.8	7.22	55871.42	55866.89063	55841.73403	55835.82422	505470.9	5409171.6
L5470.0	505470.9	5409171.6	15113.29981	318.01	99.14	48.835496	-86.925447	55865.95	56242.8	7.22	55873.18	55868.72266	55845.50194	55839.74609	505470.9	5409171.6
L5470.0	505470.9	5409168.7	15113.40039	316.80	99.14	48.835470	-86.925447	55867.60	56242.8	7.23	55874.83	55870.44531	55846.63806	55841.03906	505470.9	5409168.7
L5470.0	505470.9	5409168.7	15113.50000	315.42	96.88	48.835470	-86.925447	55869.34	56242.8	7.24	55876.58	55872.26953	55850.39326	55844.95313	505470.9	5409168.7
L5470.0	505470.9	5409167.0	15113.59961	316.22	96.88	48.835454	-86.925447	55870.96	56242.8	7.25	55878.21	55873.97266	55851.33196	55846.04688	505470.9	5409167.0
L5470.0	505470.9	5409165.8	15113.70020	316.48	95.47	48.835444	-86.925447	55872.68	56242.7	7.26	55879.94	55875.78125	55854.90648	55849.77734	505470.9	5409165.8
L5470.0	505470.9	5409164.3	15113.79981	317.51	99.71	48.835430	-86.925447	55874.35	56242.7	7.26	55881.61	55877.52734	55857.19147	55852.21875	505470.9	5409164.3
L5470.0	505470.9	5409164.3	15113.90039	315.26	99.71	48.835430	-86.925447	55876.10	56242.7	7.27	55883.37	55879.36719	55861.87560	55857.05859	505470.9	5409164.3
L5470.0	505470.9	5409162.9	15114.00000	315.63	99.39	48.835418	-86.925447	55877.69	56242.7	7.28	55884.97	55881.04688	55862.87862	55858.21875	505470.9	5409162.9
L5470.0	505470.9	5409161.4	15114.09961	316.53	99.39	48.835404	-86.925447	55879.34	56242.7	7.28	55886.62	55882.78125	55865.34155	55860.83594	505470.9	5409161.4
L5470.0	505470.9	5409159.8	15114.20020	315.12	84.23	48.835390	-86.925447	55880.98	56242.7	7.29	55888.26	55884.50391	55867.82057	55863.47266	505470.9	5409159.8
L5470.0	505470.9	5409159.8	15114.29981	315.12	86.12	48.835390	-86.925447	55882.65	56242.7	7.29	55889.94	55886.26563	55871.54480	55867.35156	505470.9	5409159.8
L5470.0	505471.0	5409158.3	15114.40039	314.05	86.12	48.835376	-86.925447	55884.21	56242.7	7.29	55891.51	55887.92188	55872.89807	55868.85938	505471.0	5409158.3
L5470.0	505471.0	5409156.7	15114.50000	314.89	93.9	48.835362	-86.925447	55885.81	56242.7	7.29	55893.11	55889.60547	55875.28794	55871.40234	505471.0	5409156.7
L5470.0	505471.0	5409154.7	15114.59961	314.12	93.9	48.835344	-86.925447	55887.38	56242.7	7.30	55894.68	55891.26172	55877.27535	55873.54297	505471.0	5409154.7
L5470.0	505471.0	5409153.3	15114.70020	316.20	95.55	48.835332	-86.925446	55888.95	56242.7	7.30	55896.25	55892.92188	55879.60009	55876.02344	505471.0	5409153.3
L5470.0	505471.0	5409153.3	15114.79981	316.25	95.55	48.835332	-86.925446	55890.46	56242.7	7.30	55897.76	55894.51953	55880.81839	55877.39063	505471.0	5409153.3
L5470.0	505471.0	5409151.9	15114.90039	315.59	93.14	48.835319	-86.925446	55891.96	56242.7	7.31	55899.26	55896.10938	55882.15243	55878.87891	505471.0	5409151.9
L5470.0	505471.0	5409151.9	15115.00000	317.25	96.24	48.835319	-86.925446	55893.50	56242.7	7.31	55900.81	55897.75000	55885.07339	55881.94922	505471.0	5409151.9
L5470.0	505471.0	5409150.3	15115.00000	317.25	96.24	48.835304	-86.925446	55894.99	56242.7	7.31	55902.30	55899.33203	55886.91370	55883.94141	505471.0	5409150.3
L5470.0	505471.0	5409148.8	15115.20020	315.42	94.11	48.835291	-86.925446	55896.51	56242.7	7.32	55903.83	55900.95313	55890.12143	55887.30078	505471.0	5409148.8
L5470.0	505471.1	5409147.4	15115.29981	315.72	91.55	48.835279	-86.925446	55897.92	56242.7	7.32	55905.24	55902.45703	55890.78875	55888.11719	505471.1	5409147.4
L5470.0	505471.1	5409146.2	15115.40039	315.43	91.55	48.835268	-86.925445	55899.39	56242.7	7.33	55906.72	55904.02734	55893.57635	55891.05469	505471.1	5409146.2
L5470.0	505471.1	5409144.7	15115.50000	318.19	91.78	48.835254	-86.925445	55900.78	56242.7	7.33	55908.11	55905.51172	55894.56054	55892.18359	505471.1	5409144.7
L5470.0	505471.1	5409143.0	15115.59961	318.76	91.78	48.835238	-86.925445	55902.20	56242.7	7.33	55909.53	55907.02734	55896.69815	55894.47266	505471.1	5409143.0
L5470.0	505471.1	5409143.0	15115.70020	319.68	91.85	48.835238	-86.925445	55903.54	56242.7	7.34	55910.88	55908.47266	55897.52252	55895.44141	505471.1	5409143.0
L5470.0	505471.1	5409141.3	15115.79981	318.92	88.18	48.835224	-86.925445	55904.93	56242.7	7.34	55912.28	55909.96875	55900.01062	55898.07422	505471.1	5409141.3
L5470.0	505471.1	5409139.6	15115.90039	316.89	88.18	48.835209	-86.925445	55906.27	56242.7	7.35	55913.62	55911.40625	55901.43583	55899.64453	505471.1	5409139.6
L5470.0	505471.1	5409139.6	15116.00000	316.43	88.6	48.835209	-86.925445	55907.62	56242.7	7.35	55914.97	55912.85156	55903.54004	55901.89453	505471.1	5409139.6
L5470.0	505471.1	5409138.4	15116.09961	316.19	88.09	48.835198	-86.925445	55908.90	56242.6	7.36	55916.26	55914.23828	55904.57742	55903.07422	505471.1	5409138.4
L5470.0	505471.2	5409136.7	15116.20020	315.79	88.09	48.835182	-86.925444	55910.12	56242.6	7.36	55917.48	55915.55469	55904.29424	55902.93359	505471.2	5409136.7
L5470.0	505471.2	5409135.3	15116.29981	315.76	89.53	48.835170	-86.925444	55911.46	56242.6	7.37	55918.83	55917.00391	55907.69429	55906.47656	505471.2	5409135.3
L5470.0	505471.2	5409134.1	15116.40039	316.06	89.53	48.835159	-86.925444	55912.72	56242.6	7.37	55920.10	55918.37109	55909.52294	55908.44531	505471.2	5409134.1
L5470.0	505471.2	5409134.1	15116.50000	316.29	88.03	48.835159	-86.925444	55913.98	56242.6	7.38	55921.36	55919.73047	55911.52846	55910.58984	505471.2	5409134.1
L5470.0	505471.2	5409132.5	15116.59961	317.82	88.03	48.835144	-86.925444	55915.25	56242.6	7.39	55922.64	55921.10938	55914.45488	55913.65625	505471.2	5409132.5
L5470.0	505471.2	5409132.5	15116.70020	320.40	85.71	48.835144	-86.925444	55916.42	56242.6	7.39	55923.81	55922.37891	55915.05275	55914.39453	505471.2	5409132.5
L5470.0	505471.2	5409129.7	15116.79981	320.00	85.71	48.835119	-86.925444	55917.58	56242.6	7.40	55924.98	55923.64844	55916.06277	55915.53906	505471.2	5409129.7
L5470.0	505471.3	5409128.3	15116.90039	318.81	88.11	48.835107	-86.925443	55918.74	56242.6	7.40	55926.15	55924.91797	55917.47718	55917.08984	505471.3	5409128.3
L5470.0	505471.3	5409127.1	15117.00000	318.76	88.11	48.835096	-86.925443	55919.78	56242.6	7.41	55927.19	55926.05859	55916.07255	55915.82031	505471.3	5409127.1
L5470.0	505471.3	5409127.1	15117.00000	318.76	87.95	48.835096	-86.925443	55920.97	56242.6	7.41	55928.38	55927.34766	55918.77289	55918.65625	505471.3	5409127.1
L5470.0	505471.3	5409125.5	15117.20020	317.55	87.95	48.835081	-86.925443	55922.01	56242.6	7.42	55929.43	55928.49609	55918.40104	55918.41797	505471.3	5409125.5
L5470.0	505471.3	5409123.5	15117.29981	316.20	86.04	48.835064	-86.925443	55923.17	56242.6	7.42	55930.59	55929.75781	55921.12756	55921.27734	505471.3	5409123.5
L5470.0	505471.3	5409123.5	15117.40039	316.53	86.04	48.835064	-86.925443	55924.28	56242.6	7.43	55931.71	55930.97656	55923.24548	55923.52344	505471.3	5409123.5
L5470.0	505471.3	5409121.6	15117.50000	314.39	87.05	48.835046	-86.925442	55925.40	56242.6	7.43	55932.83	55932.19922	55925.73947	55926.14844	505471.3	5409121.6
L5470.0	505471.4	5409120.2	15117.59961	315.83	89.61	48.835034	-86.925442	55926.38	56242.6	7.43	55933.82	55933.28906	55925.39492	55925.93359	505471.4	5409120.2
L5470.0	505471.4	5409120.2	15117.70020	315.60	89.61	48.835034	-86.925442	55927.29	56242.6	7.44	55934.73	55934.29688	55923.43675	55924.10156	505471.4	5409120.2
L5470.0	505471.4	5409118.3	15117.79981	315.81	88.96	48.835017	-86.925441	55928.36	56242.6	7.44	55935.80	55935.46875	55925.79663	55926.58984	505471.4	5409118.3
L5470.0	505471.4	5409116.6	15117.90039	314.85	88.96	48.835002	-86.925441	55929.34	56242.6	7.45	55936.79	55936.55859	55926.53508	55927.45313	505471.4	5409116.6
L5470.0	505471.4	5409116.6	15118.00000	314.53	90.49	48.835002	-86.925441	55930.38	56242.6	7.45	55937.83	55937.69531	55928.86761	55929.91016	505471.4	5409116.6
L5470.0	505471.5	5409115.0	15118.09961	314.90	90.49	48.834987	-86.925440	55931.34	56242.5	7.45	55938.79	55938.75781	55929.56444	55930.73047	505471.5	5409115.0
L5470.0	505471.5	5409113.3	15118.20020	314.54	92.18	48.834971	-86.925440	55932.40	56242.5	7.46	55939.86	55939.92578	55933.33934	55934.62891	505471.5	5409113.3
L5470.0	505471.5	5409111.9	15118.29981	316.13	85.95	48.834959	-86.925439	55933.21	56242.5	7.46	55940.68	55940.84375	55931.23444	55932.64453	505471.5	5409111.9
L5470.0	505471.5	5409111.9	15118.40039	318.44	85.95	48.834959	-86.925439	55934.20	56242.5	7.47	55941.67	55941.93359	55933.69010	55935.21875	505471.5	5409111.9
L5470.0	505471.6	5409110.4	15118.50000	317.97	81.5	48.834946	-86.925439	55935.11	56242.5	7.47	55942.58	55942.94141	55934.47903	55936.12500	505471.6	5409110.4
L5470.0	505471.6	5409108.7	15118.59961	319.10	81.5	48.834930	-86.925439	55936.04	56242.5	7.47	55943.52	55943.98047	55936.33319	55938.09766	505471.6	5409108.7
L5470.0	505471.6	5409107.3	15118.70020	317.92	90.97	48.834918	-86.925439	55936.90	56242.5	7.48	55944.38	55944.93750	55936.50360	55938.38672	505471.6	5409107.3
L5470.0	505471.6	5409107.3	15118.79981	318.89	90.97	48.834918	-86.925439	55937.79	56242.5	7.48	55945.27	55945.92578	55937.72594	55939.72266	505471.6	5409107.3
L5470.0	505471.6	5409106.0	15118.90039	318.17	88.37	48.834905	-86.925438	55938.65	56242.5	7.49	55946.14	55946.89063	55938.74644	55940.85547	505471.6	5409106.0
L5470.0	505471.6	5409104.8	15119.00000	317.11	90.67	48.834895	-86.925438	55939.56	56242.5	7.49	55947.05	55947.89844	55941.05380	55943.27734	505471.6	5409104.8
L5470.0	505471.7	5409102.9	15119.00000	317.11	90.67	48.834878	-86.925438	55940.29	56242.5	7.49	55947.78	55948.72656	55939.15695	55941.49219	505471.7	5409102.9
L5470.0	505471.7	5409102.9	15119.20020	315.00	92.27	48.834878	-86.925438	55941.11	56242.5	7.50	55948.60	55949.64063	55939.78087	55942.22266	505471.7	5409102.9
L5470.0	505471.7	5409101.0	15119.29981	315.61	92.27	48.834861	-86.925438	55941.89	56242.5	7.50	55949.39	55950.52734	55939.92868	55942.48047	505471.7	5409101.0
L5470.0	505471.7	5409099.6	15119.40039	316.56	86.04	48.834848	-86.925437	55942.77	56242.5	7.51	55950.28	55951.51172	55942.82219	55945.48047	505471.7	5409099.6
L5470.0	505471.7	5409098.2	15119.50000	315.34	88.31	48.834835	-86.925437	55943.58	56242.5	7.51	55951.09	55952.41406	55943.98092	55946.74609	505471.7	5409098.2

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5470.0	505471.7	5409098.2	15119.59961	315.90	88.31	48.834835	-86.925437	55944.34	56242.5	7.51	55951.86	55953.28125	55944.39770	55947.26563	505471.7	5409098.2
L5470.0	505471.7	5409096.5	15119.70020	315.60	86.43	48.834820	-86.925437	55945.13	56242.5	7.52	55952.65	55954.16406	55945.54463	55948.51953	505471.7	5409096.5
L5470.0	505471.7	5409094.6	15119.79981	316.09	86.43	48.834803	-86.925437	55945.81	56242.5	7.52	55953.33	55954.93750	55944.22222	55947.29688	505471.7	5409094.6
L5470.0	505471.7	5409094.6	15119.90039	314.67	83.39	48.834803	-86.925437	55946.64	56242.5	7.53	55954.17	55955.86719	55947.03718	55950.21094	505471.7	5409094.6
L5470.0	505471.7	5409092.9	15120.00000	314.85	83.39	48.834788	-86.925437	55947.36	56242.5	7.53	55954.89	55956.67969	55947.13051	55950.40625	505471.7	5409092.9
L5470.0	505471.7	5409091.4	15120.09961	315.70	82.92	48.834775	-86.925437	55948.08	56242.5	7.53	55955.61	55957.48828	55947.43128	55950.80469	505471.7	5409091.4
L5470.0	505471.7	5409091.4	15120.20020	315.57	82.92	48.834775	-86.925437	55948.67	56242.5	7.54	55956.20	55958.17188	55944.78859	55948.25781	505471.7	5409091.4
L5470.0	505471.7	5409089.5	15120.29981	318.57	87.62	48.834757	-86.925437	55949.38	56242.5	7.54	55956.92	55958.98047	55945.48872	55949.05078	505471.7	5409089.5
L5470.0	505471.7	5409087.8	15120.40039	317.36	88.52	48.834742	-86.925437	55950.08	56242.5	7.54	55957.62	55959.76953	55945.89269	55949.55078	505471.7	5409087.8
L5470.0	505471.7	5409087.8	15120.50000	316.98	88.52	48.834742	-86.925437	55950.87	56242.5	7.54	55958.41	55960.64844	55948.63885	55952.38672	505471.7	5409087.8
L5470.0	505471.7	5409085.8	15120.59961	316.36	78.91	48.834724	-86.925438	55951.58	56242.5	7.55	55959.13	55961.45313	55949.87592	55953.71484	505471.7	5409085.8
L5470.0	505471.7	5409084.7	15120.70020	315.12	81.16	48.834714	-86.925438	55952.23	56242.4	7.55	55959.78	55962.19141	55949.61018	55953.53906	505471.7	5409084.7
L5470.0	505471.7	5409083.0	15120.79981	316.48	81.16	48.834699	-86.925438	55952.89	56242.4	7.55	55960.45	55962.94922	55949.99221	55954.00781	505471.7	5409083.0
L5470.0	505471.7	5409081.8	15120.90039	316.11	82.41	48.834688	-86.925438	55953.68	56242.4	7.56	55961.24	55963.82422	55953.39400	55957.49609	505471.7	5409081.8
L5470.0	505471.7	5409081.8	15121.00000	316.28	86.34	48.834688	-86.925438	55954.38	56242.4	7.56	55961.94	55964.60547	55954.80369	55958.99219	505471.7	5409081.8
L5470.0	505471.7	5409080.3	15121.00000	316.28	87.08	48.834675	-86.925437	55955.02	56242.4	7.56	55962.58	55965.33203	55954.93927	55959.21094	505471.7	5409080.3
L5470.0	505471.7	5409078.6	15121.20020	313.89	87.08	48.834659	-86.925437	55955.75	56242.4	7.57	55963.32	55966.15234	55957.59777	55961.94922	505471.7	5409078.6
L5470.0	505471.8	5409077.2	15121.29981	314.78	85.98	48.834647	-86.925437	55956.33	56242.4	7.58	55963.91	55966.82813	55956.84096	55961.27344	505471.8	5409077.2
L5470.0	505471.8	5409077.2	15121.40039	316.62	85.98	48.834647	-86.925437	55956.96	56242.4	7.58	55964.55	55967.54688	55957.41242	55961.92578	505471.8	5409077.2
L5470.0	505471.8	5409075.8	15121.50000	317.78	86.16	48.834634	-86.925437	55957.57	56242.4	7.59	55965.16	55968.23828	55957.40928	55962.00000	505471.8	5409075.8
L5470.0	505471.8	5409074.1	15121.59961	316.55	84.73	48.834619	-86.925436	55958.20	56242.4	7.60	55965.80	55968.95703	55958.25315	55962.91797	505471.8	5409074.1
L5470.0	505471.8	5409072.6	15121.70020	316.35	84.73	48.834606	-86.925436	55958.76	56242.4	7.60	55966.36	55969.59766	55957.31953	55962.05859	505471.8	5409072.6
L5470.0	505471.8	5409072.6	15121.79981	314.36	86.79	48.834606	-86.925436	55959.39	56242.4	7.61	55967.00	55970.31641	55958.41945	55963.23047	505471.8	5409072.6
L5470.0	505471.8	5409069.8	15121.90039	314.03	87.66	48.834580	-86.925436	55960.00	56242.4	7.61	55967.61	55971.00391	55958.92522	55963.80859	505471.8	5409069.8
L5470.0	505471.8	5409069.8	15122.00000	312.66	87.66	48.834580	-86.925436	55960.56	56242.4	7.62	55968.18	55971.64844	55958.58223	55963.53516	505471.8	5409069.8
L5470.0	505471.8	5409068.3	15122.09961	311.09	87.66	48.834567	-86.925436	55961.19	56242.4	7.62	55968.81	55972.35547	55959.80882	55964.83203	505471.8	5409068.3
L5470.0	505471.8	5409066.4	15122.20020	312.17	90.35	48.834549	-86.925436	55961.87	56242.4	7.63	55969.50	55973.12109	55962.64021	55967.73047	505471.8	5409066.4
L5470.0	505471.8	5409066.4	15122.29981	311.40	90.35	48.834549	-86.925436	55962.38	56242.4	7.63	55970.01	55973.70313	55961.16017	55966.31250	505471.8	5409066.4
L5470.0	505471.8	5409064.6	15122.40039	313.63	86.64	48.834534	-86.925436	55962.96	56242.4	7.63	55970.59	55974.35547	55961.51313	55966.73047	505471.8	5409064.6
L5470.0	505471.8	5409063.2	15122.50000	315.51	89.3	48.834521	-86.925436	55963.54	56242.4	7.64	55971.17	55975.00781	55961.97919	55967.25781	505471.8	5409063.2
L5470.0	505471.8	5409062.0	15122.59961	315.45	89.3	48.834510	-86.925437	55964.13	56242.4	7.64	55971.76	55975.67188	55962.81803	55968.16016	505471.8	5409062.0
L5470.0	505471.8	5409062.0	15122.70020	317.82	89.51	48.834510	-86.925437	55964.70	56242.4	7.64	55972.34	55976.32031	55963.50406	55968.90234	505471.8	5409062.0
L5470.0	505471.8	5409060.5	15122.79981	318.30	89.51	48.834497	-86.925437	55965.23	56242.4	7.64	55972.88	55976.92969	55963.50985	55968.96875	505471.8	5409060.5
L5470.0	505471.8	5409058.3	15122.90039	317.86	88.93	48.834477	-86.925437	55965.77	56242.4	7.65	55973.41	55977.53125	55963.40049	55968.91406	505471.8	5409058.3
L5470.0	505471.7	5409056.9	15123.00000	318.66	88.93	48.834464	-86.925437	55966.32	56242.3	7.65	55973.97	55978.15625	55963.87788	55969.44531	505471.7	5409056.9
L5470.0	505471.7	5409056.9	15123.00000	318.66	90.11	48.834464	-86.925437	55966.90	56242.3	7.65	55974.55	55978.80469	55964.79450	55970.41797	505471.7	5409056.9
L5470.0	505471.7	5409055.7	15123.20020	319.84	92.04	48.834453	-86.925438	55967.46	56242.3	7.66	55975.12	55979.44141	55965.62721	55971.30078	505471.7	5409055.7
L5470.0	505471.7	5409054.2	15123.29981	319.49	92.04	48.834440	-86.925438	55967.94	56242.3	7.66	55975.60	55979.98438	55964.89262	55970.61719	505471.7	5409054.2
L5470.0	505471.7	5409052.5	15123.40039	320.57	90.25	48.834425	-86.925438	55968.50	56242.3	7.66	55976.16	55980.60938	55965.71993	55971.49219	505471.7	5409052.5
L5470.0	505471.7	5409051.4	15123.50000	317.58	90.25	48.834415	-86.925438	55969.06	56242.3	7.67	55976.72	55981.23438	55966.65610	55972.47656	505471.7	5409051.4
L5470.0	505471.7	5409051.4	15123.59961	317.38	90.57	48.834415	-86.925438	55969.54	56242.3	7.67	55977.20	55981.77734	55966.16408	55972.03125	505471.7	5409051.4
L5470.0	505471.7	5409049.6	15123.70020	318.56	90.57	48.834399	-86.925438	55970.12	56242.3	7.67	55977.79	55982.42969	55967.90142	55973.81250	505471.7	5409049.6
L5470.0	505471.7	5409048.2	15123.79981	319.31	87.48	48.834386	-86.925438	55970.60	56242.3	7.67	55978.27	55982.96875	55967.60890	55973.56250	505471.7	5409048.2
L5470.0	505471.7	5409047.0	15123.90039	320.79	92.86	48.834376	-86.925438	55971.11	56242.3	7.68	55978.78	55983.53906	55968.00106	55973.99609	505471.7	5409047.0
L5470.0	505471.7	5409045.5	15124.00000	320.30	93.4	48.834362	-86.925438	55971.58	56242.3	7.68	55979.26	55984.07813	55967.90048	55973.93359	505471.7	5409045.5
L5470.0	505471.7	5409045.5	15124.09961	323.44	93.4	48.834362	-86.925438	55972.12	56242.3	7.68	55979.80	55984.67578	55969.08416	55975.15625	505471.7	5409045.5
L5470.0	505471.7	5409043.9	15124.20020	324.85	94.36	48.834348	-86.925438	55972.63	56242.3	7.69	55980.31	55985.24609	55969.77072	55975.88281	505471.7	5409043.9
L5470.0	505471.7	5409042.7	15124.29981	324.30	93.89	48.834337	-86.925438	55973.10	56242.3	7.69	55980.79	55985.78125	55969.95619	55976.10156	505471.7	5409042.7
L5470.0	505471.7	5409041.2	15124.40039	324.18	93.89	48.834323	-86.925438	55973.66	56242.3	7.69	55981.35	55986.39844	55971.81329	55977.99219	505471.7	5409041.2
L5470.0	505471.7	5409039.7	15124.50000	324.69	90.36	48.834309	-86.925438	55974.06	56242.3	7.69	55981.76	55986.86328	55970.79577	55977.00781	505471.7	5409039.7
L5470.0	505471.8	5409038.0	15124.59961	325.15	90.36	48.834295	-86.925438	55974.57	56242.3	7.70	55982.26	55987.41797	55971.63873	55977.88281	505471.8	5409038.0
L5470.0	505471.8	5409038.0	15124.70020	322.30	95.71	48.834295	-86.925438	55975.05	56242.3	7.70	55982.75	55987.96094	55972.36443	55978.64063	505471.8	5409038.0
L5470.0	505471.8	5409036.4	15124.79981	318.78	95.71	48.834279	-86.925437	55975.61	56242.3	7.70	55983.31	55988.57422	55974.52478	55980.82813	505471.8	5409036.4
L5470.0	505471.8	5409035.0	15124.90039	319.10	97.5	48.834267	-86.925437	55976.01	56242.3	7.71	55983.72	55989.03516	55973.84328	55980.17578	505471.8	5409035.0
L5470.0	505471.8	5409035.0	15125.00000	317.48	97.5	48.834267	-86.925437	55976.46	56242.3	7.71	55984.17	55989.53516	55974.01280	55980.37109	505471.8	5409035.0
L5470.0	505471.8	5409033.3	15125.00000	317.48	97.16	48.834252	-86.925436	55976.92	56242.3	7.71	55984.63	55990.04688	55974.44362	55980.82813	505471.8	5409033.3
L5470.0	505471.9	5409031.9	15125.20020	317.79	97.16	48.834239	-86.925436	55977.45	56242.3	7.71	55985.17	55990.63672	55976.45887	55982.86719	505471.9	5409031.9
L5470.0	505471.9	5409030.5	15125.29981	318.57	99.16	48.834227	-86.925436	55977.81	56242.3	7.72	55985.53	55991.04297	55975.11739	55981.55078	505471.9	5409030.5
L5470.0	505471.9	5409030.5	15125.40039	319.56	99.16	48.834227	-86.925436	55978.39	56242.3	7.72	55986.11	55991.67188	55977.99285	55984.44531	505471.9	5409030.5
L5470.0	505472.0	5409028.6	15125.50000	319.87	99.78	48.834210	-86.925435	55978.77	56242.3	7.72	55986.49	55992.09766	55977.15881	55983.63281	505472.0	5409028.6
L5470.0	505472.0	5409027.2	15125.59961	318.94	90.64	48.834197	-86.925435	55979.25	56242.3	7.72	55986.97	55992.62500	55978.25921	55984.75391	505472.0	5409027.2
L5470.0	505472.0	5409025.8	15125.70020	317.99	90.64	48.834184	-86.925434	55979.66	56242.3	7.72	55987.38	55993.08203	55978.10823	55984.62109	505472.0	5409025.8
L5470.0	505472.0	5409025.8	15125.79981	319.04	100.31	48.834184	-86.925434	55980.16	56242.3	7.73	55987.89	55993.63672	55979.87129	55986.39844	505472.0	5409025.8
L5470.0	505472.0	5409023.9	15125.90039	321.38	100.31	48.834168	-86.925434	55980.41	56242.3	7.73	55988.14	55993.92969	55976.86976	55983.41406	505472.0	5409023.9
L5470.0	505472.1	5409022.5	15126.00000	321.04	95.65	48.834155	-86.925434	55980.87	56242.3	7.73	55988.60	55994.43359	55977.81944	55984.37891	505472.1	5409022.5
L5470.0	505472.1	5409020.9	15126.09961	320.16	95.65	48.834140	-86.925433	55981.27	56242.3	7.74	55989.00	55994.87891	55977.72173	55984.29688	505472.1	5409020.9
L5470.0	505472.1	5409020.9	15126.20020	319.67	97.22	48.834140	-86.925433	55981.78	56242.3	7.74	55989.52	55995.44141	55979.89407	55986.48047	505472.1	5409020.9
L5470.0	505472.1	5409019.5	15126.29981	320.55	97.22	48.834128	-86.925433	55982.14	56242.3	7.75	55989.88	55995.84375	55979.19536	55985.79297	505472.1	5409019.5
L5470.0	505472.1	5409017.8	15126.40039	320.85	100.96	48.834113	-86.925433	55982.48	56242.3	7.75	55990.23	55996.23438	55978.40061	55985.00781	505472.1	5409017.8
L5470.0	505472.1	5409016.2	15126.50000	321.58	100.96	48.834098	-86.925433	55982.94	56242.2	7.76	55990.70	55996.74219	55979.86639	55986.48438	505472.1	5409016.2
L5470.0	505472.1	5409014.8	15126.59961	322.16	104.89	48.834085	-86.925433	55983.40	56242.2	7.76	55991.16	55997.24219	55981.21897	55987.84766	505472.1	5409014.8
L5470.0	505472.1	5409014.8	15126.70020	320.44	104.8	48.834085	-86.925433	55983.85	56242.2	7.76	55991.62	55997.74219	55982.63600	55989.27344	505472.1	5409014.8
L5470.0	505472.1	5409013.6	15126.79981	320.79	104.8	48.834075	-86.925433	55984.21	56242.2	7.77	55991.98	55998.14063	55982.38126	55989.02344	505472.1	5409013.6
L5470.0	505472.1	5409012.0	15126.90039	322.20	104.8	48.834060	-86.925433	55984.58	56242.2	7.78	55992.36	55998.55859	55982.57460	55989.22266	505472.1	5409012.0
L5470.0	505472.1	5409010.3	15127.00000	321.94	103.07	48.834045	-86.925433	55984.94	56242.2	7.78	55992.72	55998.95703	55982.29369	55988.94922	505472.1	5409010.3
L5470.0	505472.1	5409010.3	15127.00000	321.94	101.94	48.834045	-86.925433	55985.38	56242.2	7.78	55993.15	55999.42188	55983.76649	55990.42578	505472.1	5409010.3
L5470.0	505472.1	5409008.9	15127.20020	317.41	103.51	48.834032	-86.925433	55985.85	56242.2	7.78	55993.63	55999.93750	55986.46512	55993.12891	505472.1	5409008.9
L5470.0	505472.1	5409007.5	15127.29981	317.03	103.51	48.834019	-86.925433	55986.25	56242.2	7.78	55994.03	56000.37500	55987.24389	55993.91016	505472.1	5409007.5
L5470.0	505472.1	5409007.5	15127.40039	315.07	103.77	48.834019	-86.925433	55986.54	56242.2	7.78	55994.32	56000.69922	55985.60955	55992.27734	505472.1	5409007.5
L5470.0	505472.1	5409005.8	15127.50000	315.29	103.77	48.834004	-86.925433	55986.96	56242.2	7.78	55994.74	56001.15625	55986.98927	55993.66016	505472.1	5409005.8
L5470.0	505472.1	5409005.8	15127.59961	314.82	103.77	48.834004	-86.925433	55987.34	56242.2	7.78	55995.12	56001.57031	55987.53012	55994.20313	505472.1	5409005.8
L5470.0	505472.2	5409003.9	15127.70020	312.21	103.77	48.833987	-86.925432	55987.70	56242.2	7.78	55995.48	56001.96094	55987.70887	55994.38281	505472.2	5409003.9
L5470.0	505472.2	5409002.5	15127.79981	310.64	103.85	48.833974	-86.925432	55988.03	56242.2	7.78	55995.81	56002.32422	55987.35417	55994.02734	505472.2	5409002.5
L5470.0	505472.2	5409001.0	15127.90039	309.90	103.75	48.833962	-86.925432	55988.40	56242.2	7.78	55996.18	56002.73047	55987.81059	55994.48047	505472.2	5409001.0
L5470.0	505472.2	5408999.6	15128.00000	307.37	103.75	48.833949	-86.925432	55988.84	56242.2	7.78	55996.62	56003.19922	55989.54525	55996.21484	505472.2	5408999.6
L5470.0	505472.2	5408999.6	15128.09961	306.41	103.75	48.833949	-86.925432	55989.19	56242.2	7.78	55996.97	56003.58203	55989.58459	55996.25391	505472.2	5408999.6
L5470.0	505472.2	5408998.2	15128.20020	307.00	103.75	48.833937	-86.925432	55989.62	56242.2	7.79	55997.41	56004.05469	55991.22634	55997.89063	505472.2	5408998.2
L5470.0	505472.2	5408996.8	15128.29981	306.32	103.75	48.833923	-86.925432	55989.95	56242.2	7.79	55997.74	56004.41406	55990.85072	55997.51172	505472.2	5408996.8
L5470.0	505472.2	5408996.8	15128.40039	306.21	103.75	48.833923	-86.925432	55990.36	56242.2	7.80	55998.15	56004.85547	55991.90974	55998.57031	505472.2	5408996.8
L5470.0	505472.2	5408993.7	15128.50000	306.91	103.75	48.833896	-86.925432	55990.63	56242.2	7.80	55998.43	56005.16406	55990.52171	55997.17969	505472.2	5408993.7
L5470.0	505472.2	5408993.7	15128.59961	307.83	103.75	48.833896	-86.925432	55991.04	56242.2	7.80	55998.84	56005.60547	55991.56312	55998.21484	505472.2	5408993.7
L5470.0	505472.2	5408992.1	15128.70020	308.75	103.75	48.833881	-86.925432	55991.41	56242.2	7.81	55999.22	56006.01563	55992.05604	55998.70313	505472.2	5408992.1
L5470.0	505472.2	5408990.4	15128.79981	308.75	103.75	48.833866	-86.925432	55991.90	56242.2	7.81	55999.71	56006.53516	55994.96072	56001.60156	505472.2	5408990.4

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5470.0	505472.2	5408989.0	15128.90039	308.97	103.75	48.833853	-86.925432	55992.28	56242.2	7.82	56000.09	56006.94141	55995.70273	56002.33984	505472.2	5408989.0
L5470.0	505472.2	5408989.0	15129.00000	311.52	103.75	48.833853	-86.925432	55992.56	56242.2	7.82	56000.38	56007.26172	55994.41474	56001.04688	505472.2	5408989.0
L5470.0	505472.2	5408987.0	15129.00000	311.52	103.75	48.833836	-86.925432	55992.78	56242.2	7.82	56000.60	56007.50781	55991.26770	55997.89453	505472.2	5408987.0
L5470.0	505472.2	5408985.8	15129.20020	316.24	103.75	48.833824	-86.925432	55993.24	56242.2	7.82	56001.06	56007.99609	55993.72172	56000.34375	505472.2	5408985.8
L5470.0	505472.2	5408985.8	15129.29981	319.64	103.75	48.833824	-86.925432	55993.59	56242.2	7.82	56001.41	56008.37500	55993.87921	56000.49219	505472.2	5408985.8
L5470.0	505472.2	5408984.4	15129.40039	322.71	103.75	48.833812	-86.925433	55994.00	56242.2	7.82	56001.81	56008.80078	55995.05607	56001.66406	505472.2	5408984.4
L5470.0	505472.1	5408982.8	15129.50000	325.39	103.75	48.833798	-86.925433	55994.18	56242.2	7.81	56001.99	56009.00781	55992.03536	55998.63672	505472.1	5408982.8
L5470.0	505472.1	5408981.4	15129.59961	327.93	103.75	48.833785	-86.925434	55994.45	56242.2	7.81	56002.26	56009.30469	55990.68701	55997.28125	505472.1	5408981.4
L5470.0	505472.1	5408979.7	15129.70020	328.41	103.75	48.833770	-86.925434	55994.75	56242.2	7.81	56002.57	56009.64063	55990.19117	55996.77734	505472.1	5408979.7
L5470.0	505472.0	5408978.0	15129.79981	329.92	103.75	48.833754	-86.925435	55995.11	56242.2	7.81	56002.92	56010.01563	55990.66520	55997.24609	505472.0	5408978.0
L5470.0	505472.0	5408978.0	15129.90039	330.79	103.75	48.833754	-86.925435	55995.46	56242.2	7.81	56003.27	56010.39063	55991.28963	55997.86328	505472.0	5408978.0
L5470.0	505472.0	5408976.3	15130.00000	331.22	130	48.833739	-86.925435	55995.79	56242.2	7.81	56003.60	56010.74609	55991.60127	55998.16797	505472.0	5408976.3
L5470.0	505472.0	5408974.7	15130.09961	331.25	130	48.833725	-86.925435	55995.99	56242.2	7.81	56003.80	56010.97266	55988.93979	55995.50000	505472.0	5408974.7
L5470.0	505472.0	5408974.7	15130.20020	329.45	130	48.833725	-86.925435	55996.35	56242.2	7.82	56004.17	56011.36719	55990.47384	55997.02734	505472.0	5408974.7
L5470.0	505472.0	5408973.3	15130.29981	329.25	130	48.833712	-86.925435	55996.60	56242.2	7.82	56004.42	56011.64063	55989.26126	55995.80859	505472.0	5408973.3
L5470.0	505472.0	5408972.1	15130.40039	328.96	130	48.833701	-86.925435	55996.98	56242.2	7.82	56004.80	56012.04688	55991.37865	55997.91797	505472.0	5408972.1
L5470.0	505472.0	5408972.1	15130.50000	328.54	130	48.833701	-86.925435	55997.23	56242.2	7.82	56005.06	56012.33203	55990.73600	55997.26953	505472.0	5408972.1
L5470.0	505472.0	5408970.1	15130.59961	329.33	130	48.833684	-86.925435	55997.62	56242.2	7.83	56005.44	56012.73438	55993.13706	55999.66406	505472.0	5408970.1
L5470.0	505472.0	5408968.4	15130.70020	330.85	130	48.833668	-86.925435	55997.84	56242.2	7.83	56005.67	56012.98828	55992.11174	55998.63281	505472.0	5408968.4
L5470.0	505472.0	5408966.8	15130.79981	332.77	130	48.833653	-86.925435	55998.20	56242.2	7.83	56006.03	56013.37500	55994.24545	56000.76172	505472.0	5408966.8
L5470.0	505472.0	5408966.8	15130.90039	330.37	130	48.833653	-86.925435	55998.42	56242.2	7.84	56006.26	56013.62891	55993.54622	56000.05469	505472.0	5408966.8
L5470.0	505472.0	5408965.0	15131.00000	328.31	130	48.833638	-86.925435	55998.77	56242.2	7.84	56006.61	56014.00000	55995.58004	56002.08203	505472.0	5408965.0
L5470.0	505472.0	5408963.4	15131.00000	328.31	130	48.833623	-86.925435	55998.98	56242.2	7.84	56006.82	56014.23438	55994.74842	56001.24609	505472.0	5408963.4
L5470.0	505472.0	5408962.2	15131.20020	326.16	130	48.833612	-86.925435	55999.36	56242.2	7.84	56007.20	56014.63672	55997.41955	56003.91406	505472.0	5408962.2
L5470.0	505472.0	5408960.8	15131.29981	322.33	130	48.833599	-86.925435	55999.64	56242.2	7.85	56007.49	56014.94922	55998.30414	56004.79297	505472.0	5408960.8
L5470.0	505472.0	5408960.8	15131.40039	319.34	130	48.833599	-86.925435	55999.91	56242.2	7.85	56007.76	56015.24219	55998.86133	56005.34375	505472.0	5408960.8
L5470.0	505472.0	5408959.1	15131.50000	316.95	130	48.833584	-86.925435	56000.14	56242.2	7.85	56007.99	56015.49609	55998.79245	56005.27344	505472.0	5408959.1
L5470.0	505472.0	5408958.1	15131.59961	313.89	130	48.833576	-86.925435	56000.42	56242.1	7.85	56008.27	56015.80078	55999.51738	56005.99609	505472.0	5408958.1
L5470.0	505472.0	5408956.7	15131.70020	310.16	130	48.833563	-86.925435	56000.70	56242.1	7.85	56008.55	56016.10156	56000.43464	56006.91016	505472.0	5408956.7
L5470.0	505472.0	5408955.3	15131.79981	307.50	130	48.833550	-86.925435	56001.03	56242.1	7.86	56008.88	56016.45703	56002.46739	56008.93750	505472.0	5408955.3
L5470.0	505472.0	5408955.3	15131.90039	307.49	130	48.833550	-86.925435	56001.28	56242.1	7.86	56009.14	56016.73828	56002.89819	56009.36719	505472.0	5408955.3
L5470.0	505472.0	5408953.9	15132.00000	305.21	130	48.833537	-86.925435	56001.56	56242.1	7.86	56009.42	56017.04297	56003.75897	56010.22656	505472.0	5408953.9
L5470.0	505472.0	5408952.2	15132.09961	305.55	130	48.833522	-86.925435	56001.69	56242.1	7.86	56009.55	56017.19531	56001.68710	56008.15234	505472.0	5408952.2
L5470.0	505472.0	5408950.7	15132.20020	306.36	130	48.833509	-86.925435	56002.04	56242.1	7.86	56009.90	56017.56641	56003.91316	56010.37891	505472.0	5408950.7
L5470.0	505472.0	5408949.5	15132.29981	308.07	130	48.833498	-86.925435	56002.22	56242.1	7.86	56010.08	56017.76953	56002.92724	56009.39063	505472.0	5408949.5
L5470.0	505472.0	5408948.6	15132.40039	309.60	130	48.833490	-86.925436	56002.59	56242.1	7.86	56010.46	56018.17188	56005.53616	56012.00000	505472.0	5408948.6
L5470.0	505472.0	5408947.4	15132.50000	312.07	130	48.833479	-86.925436	56002.72	56242.1	7.87	56010.59	56018.32422	56003.66916	56010.13281	505472.0	5408947.4
L5470.0	505472.0	5408945.9	15132.59961	312.01	130	48.833466	-86.925436	56002.97	56242.1	7.87	56010.84	56018.59766	56003.90107	56010.36719	505472.0	5408945.9
L5470.0	505472.0	5408945.9	15132.70020	313.69	130	48.833466	-86.925436	56003.16	56242.1	7.87	56011.02	56018.79688	56002.86569	56009.33203	505472.0	5408945.9
L5470.0	505472.0	5408944.3	15132.79981	311.60	130	48.833451	-86.925436	56003.51	56242.1	7.87	56011.38	56019.17969	56004.98032	56011.44922	505472.0	5408944.3
L5470.0	505471.9	5408942.8	15132.90039	311.15	130	48.833438	-86.925436	56003.78	56242.1	7.87	56011.65	56019.47266	56005.50839	56011.98047	505471.9	5408942.8
L5470.0	505471.9	5408941.4	15133.00000	311.68	130	48.833425	-86.925436	56004.14	56242.1	7.87	56012.01	56019.85547	56007.74099	56014.21875	505471.9	5408941.4
L5470.0	505471.9	5408940.0	15133.00000	311.68	130	48.833412	-86.925436	56004.24	56242.1	7.87	56012.11	56019.97656	56005.08835	56011.57031	505471.9	5408940.0
L5470.0	505471.9	5408939.2	15133.20020	310.79	130	48.833405	-86.925436	56004.44	56242.1	7.87	56012.31	56020.19922	56004.27984	56010.76563	505471.9	5408939.2
L5470.0	505471.9	5408937.8	15133.29981	312.53	130	48.833393	-86.925436	56004.64	56242.1	7.87	56012.52	56020.43359	56003.66115	56010.15234	505471.9	5408937.8
L5470.0	505471.9	5408937.8	15133.40039	313.13	130	48.833393	-86.925436	56004.98	56242.1	7.87	56012.85	56020.78516	56005.59262	56012.08984	505471.9	5408937.8
L5470.0	505471.9	5408936.4	15133.50000	312.16	130	48.833380	-86.925436	56005.18	56242.1	7.88	56013.05	56021.00781	56004.86573	56011.37109	505471.9	5408936.4
L5470.0	505471.9	5408934.9	15133.59961	315.09	130	48.833367	-86.925436	56005.43	56242.1	7.88	56013.30	56021.28125	56005.27475	56011.78906	505471.9	5408934.9
L5470.0	505471.9	5408933.5	15133.70020	316.53	130	48.833354	-86.925436	56005.71	56242.1	7.88	56013.58	56021.58203	56006.43467	56012.95703	505471.9	5408933.5
L5470.0	505471.9	5408932.1	15133.79981	317.13	130	48.833341	-86.925436	56005.93	56242.1	7.88	56013.81	56021.83594	56006.54660	56013.07813	505471.9	5408932.1
L5470.0	505471.9	5408930.9	15133.90039	318.41	130	48.833330	-86.925436	56006.19	56242.1	7.88	56014.07	56022.11719	56007.39791	56013.93750	505471.9	5408930.9
L5470.0	505471.9	5408929.4	15134.00000	317.49	130	48.833317	-86.925436	56006.36	56242.1	7.88	56014.24	56022.30859	56006.22073	56012.76953	505471.9	5408929.4
L5470.0	505471.9	5408928.4	15134.09961	317.64	130	48.833309	-86.925436	56006.52	56242.1	7.88	56014.40	56022.49219	56004.82832	56011.39063	505471.9	5408928.4
L5470.0	505471.9	5408927.2	15134.20020	318.62	130	48.833297	-86.925436	56006.67	56242.1	7.88	56014.54	56022.65234	56002.97729	56009.55078	505471.9	5408927.2
L5470.0	505471.9	5408927.2	15134.29981	319.43	130	48.833297	-86.925436	56007.02	56242.1	7.87	56014.89	56023.02734	56006.09857	56012.68750	505471.9	5408927.2
L5470.0	505471.9	5408925.5	15134.40039	320.46	130	48.833282	-86.925437	56007.23	56242.1	7.87	56015.10	56023.25781	56005.94152	56012.54297	505471.9	5408925.5
L5470.0	505471.9	5408924.1	15134.50000	322.28	130	48.833270	-86.925437	56007.43	56242.1	7.87	56015.30	56023.48047	56005.55888	56012.17578	505471.9	5408924.1
L5470.0	505471.9	5408923.1	15134.59961	321.59	130	48.833261	-86.925437	56007.68	56242.1	7.87	56015.55	56023.75391	56006.41266	56013.04297	505471.9	5408923.1
L5470.0	505471.9	5408921.7	15134.70020	317.93	130	48.833248	-86.925437	56007.86	56242.1	7.87	56015.72	56023.94922	56005.33939	56011.98828	505471.9	5408921.7
L5470.0	505471.9	5408920.3	15134.79981	314.99	130	48.833235	-86.925437	56008.08	56242.1	7.86	56015.95	56024.19922	56005.77391	56012.43750	505471.9	5408920.3
L5470.0	505471.9	5408918.9	15134.90039	311.09	130	48.833223	-86.925437	56008.34	56242.1	7.86	56016.20	56024.47266	56006.76163	56013.44141	505471.9	5408918.9
L5470.0	505471.9	5408918.9	15135.00000	308.62	130	48.833223	-86.925437	56008.54	56242.1	7.86	56016.40	56024.69531	56006.53997	56013.23828	505471.9	5408918.9
L5470.0	505471.9	5408917.4	15135.00000	308.62	130	48.833210	-86.925438	56008.82	56242.1	7.86	56016.68	56025.00000	56008.41441	56015.13281	505471.9	5408917.4
L5470.0	505471.9	5408916.1	15135.20020	309.77	130	48.833198	-86.925438	56009.02	56242.1	7.86	56016.88	56025.22266	56008.03913	56014.77734	505471.9	5408916.1
L5470.0	505471.9	5408916.1	15135.29981	312.48	130	48.833198	-86.925438	56009.25	56242.1	7.87	56017.11	56025.47656	56008.60005	56015.35938	505471.9	5408916.1
L5470.0	505471.9	5408914.1	15135.40039	316.54	130	48.833180	-86.925438	56009.42	56242.1	7.87	56017.29	56025.67969	56008.35719	56015.13672	505471.9	5408914.1
L5470.0	505471.8	5408912.6	15135.50000	320.21	130	48.833166	-86.925438	56009.58	56242.1	7.87	56017.45	56025.86328	56007.80640	56014.60938	505471.8	5408912.6
L5470.0	505471.8	5408912.6	15135.59961	321.19	130	48.833166	-86.925438	56009.83	56242.1	7.87	56017.70	56026.13281	56008.81613	56015.64453	505471.8	5408912.6
L5470.0	505471.8	5408910.7	15135.70020	323.88	130	48.833149	-86.925438	56009.98	56242.1	7.87	56017.85	56026.30859	56008.15358	56015.00391	505471.8	5408910.7
L5470.0	505471.8	5408909.0	15135.79981	325.76	130	48.833134	-86.925438	56010.21	56242.1	7.88	56018.08	56026.56250	56008.88834	56015.76563	505471.8	5408909.0
L5470.0	505471.8	5408907.6	15135.90039	324.79	130	48.833121	-86.925439	56010.49	56242.1	7.88	56018.37	56026.87500	56010.69156	56017.59375	505471.8	5408907.6
L5470.0	505471.8	5408906.2	15136.00000	322.82	130	48.833109	-86.925439	56010.66	56242.1	7.88	56018.54	56027.07031	56010.46148	56017.38672	505471.8	5408906.2
L5470.0	505471.8	5408905.0	15136.09961	320.49	130	48.833098	-86.925439	56010.76	56242.1	7.88	56018.64	56027.19141	56009.04515	56016.00000	505471.8	5408905.0
L5470.0	505471.7	5408904.0	15136.20020	320.54	130	48.833089	-86.925439	56010.96	56242.1	7.88	56018.84	56027.41406	56009.39271	56016.37500	505471.7	5408904.0
L5470.0	505471.7	5408902.5	15136.29981	318.80	130	48.833075	-86.925440	56011.04	56242.1	7.88	56018.92	56027.51953	56007.68395	56014.69531	505471.7	5408902.5
L5470.0	505471.7	5408902.5	15136.40039	319.34	130	48.833075	-86.925440	56011.25	56242.1	7.88	56019.13	56027.75391	56008.28113	56015.32031	505471.7	5408902.5
L5470.0	505471.7	5408901.0	15136.50000	318.09	130	48.833062	-86.925440	56011.42	56242.1	7.88	56019.30	56027.94922	56008.22547	56015.29297	505471.7	5408901.0
L5470.0	505471.7	5408899.5	15136.59961	315.84	130	48.833049	-86.925440	56011.70	56242.1	7.88	56019.58	56028.25000	56010.14004	56017.24219	505471.7	5408899.5
L5470.0	505471.7	5408899.5	15136.70020	311.68	130	48.833049	-86.925440	56011.90	56242.1	7.88	56019.78	56028.47656	56010.70156	56017.83203	505471.7	5408899.5
L5470.0	505471.7	5408897.8	15136.79981	308.58	130	48.833033	-86.925441	56012.16	56242.1	7.88	56020.04	56028.75781	56012.34330	56019.50781	505471.7	5408897.8
L5470.0	505471.6	5408895.3	15136.90039	309.43	130	48.833011	-86.925441	56012.31	56242.1	7.88	56020.19	56028.93359	56012.11338	56019.30859	505471.6	5408895.3
L5470.0	505471.6	5408895.3	15137.00000	313.60	130	48.833011	-86.925441	56012.46	56242.1	7.88	56020.34	56029.10938	56011.91996	56019.14844	505471.6	5408895.3
L5470.0	505471.6	5408894.1	15137.00000	313.60	130	48.833000	-86.925441	56012.62	56242.1	7.88	56020.50	56029.29297	56011.92725	56019.19141	505471.6	5408894.1
L5470.0	505471.6	5408892.7	15137.20020	322.04	130	48.832987	-86.925441	56012.79	56242.1	7.88	56020.67	56029.48828	56012.12585	56019.42578	505471.6	5408892.7
L5470.0	505471.6	5408891.0	15137.29981	323.34	130	48.832972	-86.925441	56012.94	56242.1	7.88	56020.82	56029.66016	56012.00003	56019.33203	505471.6	5408891.0
L5470.0	505471.6	5408889.4	15137.40039	323.37	130	48.832958	-86.925442	56013.12	56242.1	7.88	56021.00	56029.86719	56012.38467	56019.75391	505471.6	5408889.4
L5470.0	505471.6	5408889.4	15137.50000	320.28	130	48.832958	-86.925442	56013.35	56242.1	7.88	56021.23	56030.12109	56013.61962	56021.02344	505471.6	5408889.4
L5470.0	505471.6	5408887.8	15137.59961	319.84	130	48.832943	-86.925442	56013.55	56242.1	7.89	56021.43	56030.34766	56014.36233	56021.80469	505471.6	5408887.8
L5470.0	505471.6	5408886.5	15137.70020	320.01	130	48.832931	-86.925442	56013.55	56242.1	7.89	56021.43	56030.37109	56011.71182	56019.19141	505471.6	5408886.5
L5470.0	505471.5	5408884.8	15137.79981	318.12	130	48.832916	-86.925442	56013.57	56242.1	7.89	56021.46	56030.42578	56009.55267	56017.07031	505471.5	5408884.8
L5470.0	505471.5	5408884.8	15137.90039	319.21	130	48.832916	-86.925442	56013.75	56242.1	7.89	56021.64	56030.63281	56009.97194	56017.52734	505471.5	5408884.8
L5470.0	505471.5	5408883.4	15138.00000	321.63	130	48.832903	-86.925443	56013.95	56242.1	7.89	56021.84	56030.85547	56010.76652	56018.36328	505471.5	5408883.4
L5470.0	505471.5	5408881.7	15138.09961	321.92	130	48.832888	-86.925443	56014.08	56242.1	7.89	56021.97	56031.01172	56010.36484	56018.00000	505471.5	5408881.7

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5470.0	505471.5	5408879.7	15138.20020	316.47	130	48.832870	-86.925443	56014.16	56242.1	7.89	56022.04	56031.10938	56008.91797	56016.59375	505471.5	5408879.7
L5470.0	505471.5	5408879.7	15138.29981	311.13	130	48.832870	-86.925443	56014.34	56242.1	7.89	56022.22	56031.31250	56009.45592	56017.17188	505471.5	5408879.7
L5470.0	505471.5	5408878.0	15138.40039	310.33	130	48.832855	-86.925443	56014.59	56242.1	7.89	56022.47	56031.58984	56011.30361	56019.06250	505471.5	5408878.0
L5470.0	505471.5	5408876.2	15138.50000	314.47	130	48.832838	-86.925443	56014.82	56242.1	7.89	56022.70	56031.84375	56012.84986	56020.64844	505471.5	5408876.2
L5470.0	505471.5	5408876.2	15138.59961	317.12	130	48.832838	-86.925443	56014.89	56242.1	7.88	56022.77	56031.94141	56011.52673	56019.36719	505471.5	5408876.2
L5470.0	505471.5	5408874.5	15138.70020	320.41	130	48.832824	-86.925443	56015.02	56242.1	7.88	56022.90	56032.09766	56011.33176	56019.21484	505471.5	5408874.5
L5470.0	505471.6	5408872.7	15138.79981	322.05	130	48.832808	-86.925443	56015.24	56242.1	7.88	56023.12	56032.34375	56012.83269	56020.75781	505471.6	5408872.7
L5470.0	505471.6	5408871.3	15138.90039	325.20	130	48.832794	-86.925442	56015.39	56242.1	7.88	56023.28	56032.53125	56013.27484	56021.24219	505471.6	5408871.3
L5470.0	505471.6	5408871.3	15139.00000	325.60	130	48.832794	-86.925442	56015.45	56242.1	7.88	56023.32	56032.59766	56011.54579	56019.55859	505471.6	5408871.3
L5470.0	505471.6	5408869.7	15139.00000	325.60	130	48.832780	-86.925442	56015.54	56242.1	7.88	56023.42	56032.72266	56010.96629	56019.02344	505471.6	5408869.7
L5470.0	505471.6	5408869.7	15139.20020	323.30	130	48.832780	-86.925442	56015.70	56242.1	7.88	56023.58	56032.91016	56011.53684	56019.63672	505471.6	5408869.7
L5470.0	505471.6	5408867.8	15139.29981	320.56	130	48.832763	-86.925441	56015.92	56242.1	7.89	56023.81	56033.16797	56013.43124	56021.57422	505471.6	5408867.8
L5470.0	505471.7	5408866.4	15139.40039	318.12	130	48.832750	-86.925441	56016.11	56242.1	7.89	56023.99	56033.37500	56014.44321	56022.63281	505471.7	5408866.4
L5470.0	505471.7	5408866.4	15139.50000	314.68	130	48.832750	-86.925441	56016.25	56242.1	7.89	56024.14	56033.55078	56014.94640	56023.17969	505471.7	5408866.4
L5470.0	505471.7	5408863.9	15139.59961	312.94	130	48.832728	-86.925440	56016.38	56242.1	7.89	56024.27	56033.71094	56015.13099	56023.41016	505471.7	5408863.9
L5470.0	505471.7	5408863.9	15139.70020	313.59	130	48.832728	-86.925440	56016.48	56242.1	7.89	56024.37	56033.83594	56014.83063	56023.15234	505471.7	5408863.9
L5470.0	505471.8	5408862.5	15139.79981	315.92	130	48.832716	-86.925440	56016.68	56242.1	7.90	56024.58	56034.07422	56016.51286	56024.87891	505471.8	5408862.5
L5470.0	505471.8	5408860.9	15139.90039	319.68	130	48.832701	-86.925439	56016.81	56242.1	7.90	56024.71	56034.23438	56016.82288	56025.23438	505471.8	5408860.9
L5470.0	505471.8	5408860.9	15140.00000	320.40	130	48.832701	-86.925439	56016.89	56242.1	7.90	56024.79	56034.34375	56016.33141	56024.78906	505471.8	5408860.9
L5470.0	505471.8	5408859.2	15140.09961	319.04	130	48.832686	-86.925439	56016.94	56242.1	7.90	56024.84	56034.42188	56015.48147	56023.98438	505471.8	5408859.2
L5470.0	505471.9	5408857.7	15140.20020	318.44	130	48.832672	-86.925439	56017.09	56242.1	7.90	56024.99	56034.59766	56016.44782	56024.99609	505471.9	5408857.7
L5470.0	505471.9	5408857.7	15140.29981	318.48	130	48.832672	-86.925439	56017.17	56242.1	7.89	56025.06	56034.69922	56015.49626	56024.08984	505471.9	5408857.7
L5470.0	505471.9	5408856.0	15140.40039	315.98	130	48.832657	-86.925438	56017.24	56242.1	7.89	56025.13	56034.79688	56014.67507	56023.31641	505471.9	5408856.0
L5470.0	505471.9	5408854.7	15140.50000	315.45	130	48.832645	-86.925438	56017.32	56242.1	7.89	56025.21	56034.90625	56014.20320	56022.89063	505471.9	5408854.7
L5470.0	505471.9	5408853.3	15140.59961	315.10	130	48.832632	-86.925438	56017.44	56242.1	7.89	56025.33	56035.05469	56014.71138	56023.44141	505471.9	5408853.3
L5470.0	505471.9	5408851.9	15140.70020	313.55	130	48.832620	-86.925438	56017.60	56242.1	7.89	56025.48	56035.23828	56015.88615	56024.66406	505471.9	5408851.9
L5470.0	505471.9	5408851.9	15140.79981	312.13	130	48.832620	-86.925438	56017.77	56242.1	7.88	56025.65	56035.43750	56017.45044	56026.27344	505471.9	5408851.9
L5470.0	505471.9	5408850.2	15140.90039	312.82	130	48.832605	-86.925439	56017.90	56242.1	7.88	56025.78	56035.59766	56018.15423	56027.02344	505471.9	5408850.2
L5470.0	505471.9	5408850.2	15141.00000	312.41	130	48.832605	-86.925439	56018.00	56242.1	7.88	56025.88	56035.72656	56018.26084	56027.17578	505471.9	5408850.2
L5470.0	505471.8	5408847.2	15141.00000	312.41	130	48.832578	-86.925439	56018.06	56242.1	7.88	56025.93	56035.80859	56017.42538	56026.38281	505471.8	5408847.2
L5470.0	505471.8	5408847.2	15141.20020	310.13	130	48.832578	-86.925439	56018.15	56242.1	7.88	56026.03	56035.94141	56017.57532	56026.57813	505471.8	5408847.2
L5470.0	505471.8	5408845.8	15141.29981	309.42	130	48.832565	-86.925439	56018.25	56242.1	7.88	56026.13	56036.07031	56017.72318	56026.77344	505471.8	5408845.8
L5470.0	505471.8	5408844.4	15141.40039	308.60	130	48.832552	-86.925439	56018.45	56242.1	7.88	56026.33	56036.30469	56019.69757	56028.79297	505471.8	5408844.4
L5470.0	505471.8	5408843.2	15141.50000	308.05	130	48.832542	-86.925440	56018.68	56242.1	7.88	56026.56	56036.56641	56022.19348	56031.33203	505471.8	5408843.2
L5470.0	505471.8	5408842.0	15141.59961	307.80	130	48.832531	-86.925440	56018.86	56242.1	7.88	56026.74	56036.77734	56023.78052	56032.96484	505471.8	5408842.0
L5470.0	505471.7	5408840.5	15141.70020	306.60	130	48.832517	-86.925440	56018.94	56242.1	7.88	56026.82	56036.89063	56023.56085	56032.78906	505471.7	5408840.5
L5470.0	505471.7	5408840.5	15141.79981	306.12	130	48.832517	-86.925440	56018.96	56242.1	7.88	56026.84	56036.94531	56022.23875	56031.51172	505471.7	5408840.5
L5470.0	505471.7	5408839.2	15141.90039	308.73	130	48.832505	-86.925441	56019.01	56242.1	7.88	56026.89	56037.02734	56021.46074	56030.77734	505471.7	5408839.2
L5470.0	505471.7	5408838.0	15142.00000	312.23	130	48.832495	-86.925441	56019.09	56242.1	7.88	56026.97	56037.14063	56021.24935	56030.60938	505471.7	5408838.0
L5470.0	505471.7	5408836.3	15142.09961	314.63	130	48.832480	-86.925441	56019.24	56242.1	7.88	56027.12	56037.32813	56022.44069	56031.84375	505471.7	5408836.3
L5470.0	505471.6	5408835.0	15142.20020	316.89	130	48.832468	-86.925442	56019.36	56242.1	7.89	56027.25	56037.49219	56023.32040	56032.76563	505471.6	5408835.0
L5470.0	505471.6	5408833.7	15142.29981	315.91	130	48.832456	-86.925442	56019.34	56242.1	7.89	56027.23	56037.50781	56021.13726	56030.62500	505471.6	5408833.7
L5470.0	505471.6	5408833.7	15142.40039	314.26	130	48.832456	-86.925442	56019.34	56242.1	7.89	56027.23	56037.54297	56019.30107	56028.83203	505471.6	5408833.7
L5470.0	505471.6	5408832.3	15142.50000	312.66	130	48.832444	-86.925443	56019.42	56242.1	7.89	56027.31	56037.66016	56019.19378	56028.76563	505471.6	5408832.3
L5470.0	505471.6	5408830.9	15142.59961	312.79	130	48.832431	-86.925443	56019.42	56242.1	7.90	56027.32	56037.70313	56017.53647	56027.14844	505471.6	5408830.9
L5470.0	505471.6	5408829.1	15142.70020	315.64	130	48.832415	-86.925443	56019.44	56242.1	7.90	56027.34	56037.76172	56016.09479	56025.75000	505471.6	5408829.1
L5470.0	505471.5	5408828.0	15142.79981	318.70	130	48.832405	-86.925443	56019.59	56242.1	7.90	56027.50	56037.96094	56018.05313	56027.75000	505471.5	5408828.0
L5470.0	505471.5	5408828.0	15142.90039	322.56	130	48.832405	-86.925443	56019.67	56242.1	7.91	56027.57	56038.06641	56017.96516	56027.69922	505471.5	5408828.0
L5470.0	505471.5	5408826.1	15143.00000	323.11	130	48.832388	-86.925444	56019.65	56242.1	7.91	56027.56	56038.09766	56015.94003	56025.71484	505471.5	5408826.1
L5470.0	505471.5	5408824.7	15143.00000	323.11	130	48.832376	-86.925444	56019.74	56242.1	7.91	56027.65	56038.22656	56016.51469	56026.33203	505471.5	5408824.7
L5470.0	505471.5	5408823.4	15143.20020	318.94	130	48.832364	-86.925444	56019.85	56242.1	7.91	56027.76	56038.37500	56018.13709	56027.99219	505471.5	5408823.4
L5470.0	505471.5	5408822.2	15143.29981	319.08	130	48.832352	-86.925444	56019.90	56242.1	7.91	56027.81	56038.46484	56017.96856	56027.86328	505471.5	5408822.2
L5470.0	505471.5	5408822.2	15143.40039	319.98	130	48.832352	-86.925444	56020.07	56242.1	7.91	56027.98	56038.67578	56019.94737	56029.87891	505471.5	5408822.2
L5470.0	505471.5	5408820.7	15143.50000	322.35	130	48.832339	-86.925444	56020.13	56242.1	7.91	56028.03	56038.76563	56019.94899	56029.91797	505471.5	5408820.7
L5470.0	505471.5	5408819.2	15143.59961	321.81	130	48.832326	-86.925444	56020.20	56242.1	7.90	56028.10	56038.87891	56020.37166	56030.37891	505471.5	5408819.2
L5470.0	505471.5	5408819.2	15143.70020	316.62	130	48.832326	-86.925444	56020.27	56242.1	7.90	56028.18	56039.00000	56021.04221	56031.08594	505471.5	5408819.2
L5470.0	505471.5	5408817.3	15143.79981	314.66	130	48.832309	-86.925444	56020.28	56242.1	7.90	56028.18	56039.04297	56020.39433	56030.47266	505471.5	5408817.3
L5470.0	505471.5	5408815.6	15143.90039	317.88	130	48.832293	-86.925444	56020.31	56242.1	7.90	56028.21	56039.11719	56020.33962	56030.45313	505471.5	5408815.6
L5470.0	505471.5	5408814.3	15144.00000	318.93	130	48.832282	-86.925444	56020.31	56242.1	7.90	56028.21	56039.16016	56019.83858	56029.98828	505471.5	5408814.3
L5470.0	505471.5	5408813.0	15144.09961	318.47	130	48.832270	-86.925444	56020.31	56242.1	7.90	56028.21	56039.20313	56019.41158	56029.59766	505471.5	5408813.0
L5470.0	505471.5	5408813.0	15144.20020	316.60	130	48.832270	-86.925444	56020.33	56242.1	7.90	56028.23	56039.26953	56019.39772	56029.61719	505471.5	5408813.0
L5470.0	505471.5	5408811.7	15144.29981	311.92	130	48.832258	-86.925444	56020.40	56242.1	7.90	56028.30	56039.38281	56020.29560	56030.55078	505471.5	5408811.7
L5470.0	505471.5	5408810.0	15144.40039	311.24	130	48.832243	-86.925444	56020.40	56242.1	7.90	56028.30	56039.42969	56020.07034	56030.35938	505471.5	5408810.0
L5470.0	505471.5	5408809.0	15144.50000	312.43	130	48.832234	-86.925444	56020.42	56242.1	7.90	56028.32	56039.50000	56020.15358	56030.47266	505471.5	5408809.0
L5470.0	505471.5	5408809.0	15144.59961	314.17	130	48.832234	-86.925444	56020.45	56242.1	7.90	56028.35	56039.57422	56020.64689	56031.00000	505471.5	5408809.0
L5470.0	505471.5	5408806.2	15144.70020	319.03	130	48.832209	-86.925444	56020.43	56242.1	7.90	56028.33	56039.60547	56019.95328	56030.33984	505471.5	5408806.2
L5470.0	505471.5	5408806.2	15144.79981	321.64	130	48.832209	-86.925444	56020.40	56242.1	7.90	56028.30	56039.62500	56019.10808	56029.52344	505471.5	5408806.2
L5470.0	505471.5	5408804.5	15144.90039	319.12	130	48.832194	-86.925444	56020.45	56242.1	7.90	56028.35	56039.72266	56020.38518	56030.83203	505471.5	5408804.5
L5470.0	505471.5	5408804.5	15145.00000	319.90	130	48.832194	-86.925444	56020.40	56242.1	7.90	56028.30	56039.72266	56019.23670	56029.71484	505471.5	5408804.5
L5470.0	505471.5	5408802.7	15145.00000	319.90	130	48.832178	-86.925444	56020.40	56242.1	7.90	56028.30	56039.77344	56019.45054	56029.95703	505471.5	5408802.7
L5470.0	505471.5	5408801.2	15145.20020	314.53	130	48.832164	-86.925444	56020.42	56242.1	7.90	56028.32	56039.84766	56020.26945	56030.80469	505471.5	5408801.2
L5470.0	505471.5	5408800.1	15145.29981	312.98	130	48.832154	-86.925444	56020.56	56242.1	7.89	56028.45	56040.02734	56023.94096	56034.50781	505471.5	5408800.1
L5470.0	505471.5	5408798.6	15145.40039	314.07	130	48.832141	-86.925444	56020.48	56242.1	7.89	56028.37	56040.00391	56022.48595	56033.07813	505471.5	5408798.6
L5470.0	505471.5	5408797.3	15145.50000	315.70	130	48.832129	-86.925445	56020.45	56242.1	7.89	56028.34	56040.02734	56022.40120	56033.02344	505471.5	5408797.3
L5470.0	505471.5	5408796.2	15145.59961	317.22	130	48.832119	-86.925445	56020.33	56242.1	7.89	56028.22	56039.96094	56020.21348	56030.86328	505471.5	5408796.2
L5470.0	505471.5	5408795.5	15145.70020	316.36	130	48.832113	-86.925445	56020.36	56242.1	7.89	56028.24	56040.03516	56021.62845	56032.30469	505471.5	5408795.5
L5470.0	505471.4	5408794.1	15145.79981	317.47	130	48.832100	-86.925445	56020.31	56242.1	7.88	56028.19	56040.04297	56021.44677	56032.14844	505471.4	5408794.1
L5470.0	505471.4	5408792.5	15145.90039	317.06	130	48.832086	-86.925445	56020.32	56242.1	7.88	56028.21	56040.12109	56023.11919	56033.84766	505471.4	5408792.5
L5470.0	505471.4	5408792.5	15146.00000	317.96	130	48.832086	-86.925445	56020.23	56242.1	7.88	56028.11	56040.07813	56021.99458	56032.74609	505471.4	5408792.5
L5470.0	505471.4	5408790.9	15146.09961	318.57	130	48.832071	-86.925446	56020.20	56242.1	7.88	56028.08	56040.10547	56022.71979	56033.49609	505471.4	5408790.9
L5470.0	505471.4	5408789.7	15146.20020	315.85	130	48.832060	-86.925446	56020.10	56242.1	7.88	56027.99	56040.07422	56022.14244	56032.94531	505471.4	5408789.7
L5470.0	505471.4	5408787.9	15146.29981	316.85	130	48.832045	-86.925446	56020.02	56242.1	7.89	56027.91	56040.05469	56021.95864	56032.78516	505471.4	5408787.9
L5470.0	505471.4	5408787.9	15146.40039	317.14	130	48.832045	-86.925446	56019.92	56242.1	7.89	56027.81	56040.01563	56021.45486	56032.30469	505471.4	5408787.9
L5470.0	505471.3	5408786.6	15146.50000	315.43	130	48.832033	-86.925447	56019.77	56242.1	7.89	56027.66	56039.92578	56019.94514	56030.81641	505471.3	5408786.6
L5470.0	505471.3	5408785.2	15146.59961	317.84	130	48.832020	-86.925447	56019.74	56242.1	7.89	56027.63	56039.95703	56021.37538	56032.26953	505471.3	5408785.2
L5470.0	505471.3	5408783.9	15146.70020	316.21	130	48.832008	-86.925447	56019.65	56242.1	7.89	56027.54	56039.92969	56021.55607	56032.47266	505471.3	5408783.9
L5470.0	505471.3	5408782.4	15146.79981	314.96	130	48.831995	-86.925448	56019.64	56242.1	7.90	56027.54	56039.99609	56023.90736	56034.84375	505471.3	5408782.4
L5470.0	505471.2	5408781.0	15146.90039	315.80	130	48.831983	-86.925448	56019.52	56242.1	7.90	56027.42	56039.93750	56023.67890	56034.63672	505471.2	5408781.0
L5470.0	505471.2	5408779.8	15147.00000	313.45	130	48.831971	-86.925448	56019.39	56242.1	7.90	56027.29	56039.87500	56023.37795	56034.35547	505471.2	5408779.8
L5470.0	505471.2	5408779.8	15147.00000	313.45	130	48.831971	-86.925448	56019.24	56242.1	7.90	56027.14	56039.78906	56022.78750	56033.78516	505471.2	5408779.8
L5470.0	505471.2	5408778.1	15147.20020	313.67	130	48.831956	-86.925448	56018.98	56242.1	7.90	56026.89	56039.60547	56020.16596	56031.18359	505471.2	5408778.1
L5470.0	505471.2	5408776.4	15147.29981	313.21	130	48.831941	-86.925448	56018.78	56242.1	7.91	56026.69	56039.47266	56018.80163	56029.83594	505471.2	5408776.4
L5470.0	505471.2	5408776.4	15147.40039	312.72	130	48.831941	-86.925448	56018.64	56242.1	7.91	56026.55	56039.39844	56018.89070	56029.94141	505471.2	5408776.4

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5470.0	505471.2	5408773.6	15147.50000	311.50	130	48.831916	-86.925448	56018.53	56242.1	7.91	56026.44	56039.35938	56019.77361	56030.84375	505471.2	5408773.6
L5470.0	505471.2	5408773.6	15147.59961	311.18	130	48.831916	-86.925448	56018.41	56242.1	7.91	56026.32	56039.30859	56020.58760	56031.67578	505471.2	5408773.6
L5470.0	505471.2	5408772.2	15147.70020	312.01	130	48.831903	-86.925448	56018.18	56242.1	7.91	56026.09	56039.14844	56019.17186	56030.27734	505471.2	5408772.2
L5470.0	505471.2	5408770.7	15147.79981	312.48	130	48.831889	-86.925448	56018.00	56242.1	7.92	56025.92	56039.04688	56019.20880	56030.32813	505471.2	5408770.7
L5470.0	505471.3	5408769.1	15147.90039	312.02	130	48.831875	-86.925448	56017.88	56242.1	7.92	56025.79	56038.98828	56020.27573	56031.41016	505471.3	5408769.1
L5470.0	505471.3	5408769.1	15148.00000	313.50	130	48.831875	-86.925448	56017.72	56242.1	7.92	56025.64	56038.91016	56021.07574	56032.22656	505471.3	5408769.1
L5470.0	505471.3	5408767.7	15148.09961	315.70	130	48.831862	-86.925448	56017.54	56242.1	7.92	56025.46	56038.80078	56021.38950	56032.55469	505471.3	5408767.7
L5470.0	505471.3	5408766.0	15148.20020	316.86	130	48.831847	-86.925448	56017.27	56242.1	7.92	56025.18	56038.59375	56019.66091	56030.83984	505471.3	5408766.0
L5470.0	505471.3	5408764.5	15148.29981	317.23	130	48.831834	-86.925448	56017.17	56242.1	7.92	56025.08	56038.56641	56022.09846	56033.29297	505471.3	5408764.5
L5470.0	505471.3	5408763.4	15148.40039	316.27	130	48.831824	-86.925447	56016.84	56242.1	7.92	56024.76	56038.32031	56019.80118	56031.00781	505471.3	5408763.4
L5470.0	505471.3	5408763.4	15148.50000	316.27	130	48.831824	-86.925447	56016.66	56242.1	7.92	56024.58	56038.21484	56020.82330	56032.03906	505471.3	5408763.4
L5470.0	505471.3	5408761.7	15148.59961	317.35	130	48.831808	-86.925447	56016.33	56242.1	7.91	56024.25	56037.96094	56018.61372	56029.84375	505471.3	5408761.7
L5470.0	505471.3	5408760.2	15148.70020	317.25	130	48.831795	-86.925447	56016.18	56242.1	7.91	56024.09	56037.87500	56020.48281	56031.72266	505471.3	5408760.2
L5470.0	505471.3	5408760.2	15148.79981	315.14	104.27	48.831795	-86.925447	56015.90	56242.1	7.91	56023.81	56037.67188	56019.78171	56031.03125	505471.3	5408760.2
L5470.0	505471.3	5408758.6	15148.90039	314.62	104.27	48.831780	-86.925447	56015.65	56242.1	7.91	56023.56	56037.49609	56019.97393	56031.23438	505471.3	5408758.6
L5470.0	505471.3	5408757.5	15149.00000	313.13	101.71	48.831770	-86.925447	56015.24	56242.1	7.91	56023.15	56037.16406	56016.57317	56027.84375	505471.3	5408757.5
L5470.0	505471.4	5408756.0	15149.00000	313.13	101.71	48.831758	-86.925447	56015.04	56242.1	7.91	56022.95	56037.03906	56018.35664	56029.63672	505471.4	5408756.0
L5470.0	505471.4	5408754.4	15149.20020	315.36	97	48.831743	-86.925447	56014.61	56242.1	7.91	56022.52	56036.68750	56014.83726	56026.12500	505471.4	5408754.4
L5470.0	505471.4	5408754.4	15149.29981	315.55	96.94	48.831743	-86.925447	56014.38	56242.1	7.91	56022.29	56036.53125	56016.34473	56027.63672	505471.4	5408754.4
L5470.0	505471.4	5408752.9	15149.40039	316.76	96.94	48.831730	-86.925446	56014.11	56242.1	7.91	56022.01	56036.33203	56016.87371	56028.17188	505471.4	5408752.9
L5470.0	505471.4	5408751.3	15149.50000	315.34	102.57	48.831715	-86.925446	56013.78	56242.1	7.90	56021.68	56036.07813	56016.41069	56027.71484	505471.4	5408751.3
L5470.0	505471.4	5408751.3	15149.59961	316.07	99.96	48.831715	-86.925446	56013.27	56242.1	7.90	56021.17	56035.64453	56011.75525	56023.06641	505471.4	5408751.3
L5470.0	505471.4	5408749.4	15149.70020	316.47	99.96	48.831698	-86.925446	56013.02	56242.1	7.90	56020.92	56035.47266	56013.71022	56025.02734	505471.4	5408749.4
L5470.0	505471.4	5408748.2	15149.79981	316.11	94.19	48.831687	-86.925446	56012.58	56242.1	7.90	56020.48	56035.11328	56011.22639	56022.54688	505471.4	5408748.2
L5470.0	505471.4	5408747.0	15149.90039	319.01	94.19	48.831677	-86.925446	56012.36	56242.1	7.90	56020.26	56034.96875	56014.41698	56025.73828	505471.4	5408747.0
L5470.0	505471.5	5408745.3	15150.00000	319.04	96.68	48.831661	-86.925445	56011.88	56242.1	7.90	56019.78	56034.56641	56011.42720	56022.75000	505471.5	5408745.3
L5470.0	505471.5	5408743.9	15150.09961	317.96	96.68	48.831649	-86.925445	56011.52	56242.1	7.90	56019.43	56034.29688	56011.90898	56023.23438	505471.5	5408743.9
L5470.0	505471.5	5408743.9	15150.20020	318.61	95.32	48.831649	-86.925445	56011.07	56242.1	7.91	56018.98	56033.92188	56010.17053	56021.49609	505471.5	5408743.9
L5470.0	505471.5	5408742.5	15150.29981	317.74	95.73	48.831636	-86.925445	56010.66	56242.1	7.91	56018.57	56033.58984	56009.69290	56021.01953	505471.5	5408742.5
L5470.0	505471.5	5408741.1	15150.40039	317.54	95.73	48.831623	-86.925445	56010.26	56242.1	7.91	56018.17	56033.26953	56009.73970	56021.06250	505471.5	5408741.1
L5470.0	505471.5	5408739.5	15150.50000	316.40	99.95	48.831609	-86.925444	56009.91	56242.1	7.92	56017.82	56032.99609	56011.31277	56022.63281	505471.5	5408739.5
L5470.0	505471.5	5408738.2	15150.59961	317.71	99.95	48.831597	-86.925444	56009.48	56242.1	7.92	56017.39	56032.64453	56011.18486	56022.50391	505471.5	5408738.2
L5470.0	505471.5	5408738.2	15150.70020	318.27	95.3	48.831597	-86.925444	56009.07	56242.1	7.92	56016.99	56032.32031	56012.09653	56023.41016	505471.5	5408738.2
L5470.0	505471.5	5408736.6	15150.79981	316.56	96.52	48.831583	-86.925444	56008.59	56242.1	7.92	56016.51	56031.91797	56011.32280	56022.63281	505471.5	5408736.6
L5470.0	505471.5	5408734.9	15150.90039	316.77	96.52	48.831568	-86.925444	56008.19	56242.1	7.93	56016.12	56031.60547	56013.08138	56024.38281	505471.5	5408734.9
L5470.0	505471.6	5408733.4	15151.00000	315.19	94.61	48.831554	-86.925444	56007.75	56242.1	7.93	56015.68	56031.24219	56013.90644	56025.20313	505471.6	5408733.4
L5470.0	505471.6	5408733.4	15151.00000	315.19	95.97	48.831554	-86.925444	56007.30	56242.1	7.93	56015.23	56030.86719	56014.79196	56026.07813	505471.6	5408733.4
L5470.0	505471.5	5408731.8	15151.20020	316.93	95.97	48.831540	-86.925445	56006.74	56242.1	7.93	56014.67	56030.38281	56013.29726	56024.57813	505471.5	5408731.8
L5470.0	505471.5	5408730.8	15151.29981	315.66	95.91	48.831531	-86.925445	56006.24	56242.1	7.93	56014.16	56029.94531	56013.35061	56024.61719	505471.5	5408730.8
L5470.0	505471.5	5408729.4	15151.40039	315.36	95.91	48.831518	-86.925445	56005.53	56242.1	7.93	56013.46	56029.32031	56009.12303	56020.37891	505471.5	5408729.4
L5470.0	505471.5	5408728.0	15151.50000	315.77	96.05	48.831505	-86.925445	56004.97	56242.1	7.92	56012.90	56028.83594	56008.63391	56019.87891	505471.5	5408728.0
L5470.0	505471.5	5408728.0	15151.59961	314.54	95.69	48.831505	-86.925445	56004.29	56242.1	7.92	56012.22	56028.22656	56005.59282	56016.82422	505471.5	5408728.0
L5470.0	505471.5	5408726.3	15151.70020	315.99	95.18	48.831490	-86.925445	56003.68	56242.1	7.92	56011.60	56027.67969	56004.33958	56015.55469	505471.5	5408726.3
L5470.0	505471.5	5408725.1	15151.79981	315.64	97.14	48.831479	-86.925446	56002.97	56242.1	7.92	56010.89	56027.03906	56001.27569	56012.47656	505471.5	5408725.1
L5470.0	505471.4	5408723.6	15151.90039	317.00	91.18	48.831466	-86.925446	56002.34	56242.1	7.92	56010.26	56026.48047	56000.46472	56011.64453	505471.4	5408723.6
L5470.0	505471.4	5408722.2	15152.00000	316.29	91.18	48.831453	-86.925446	56001.66	56242.1	7.92	56009.58	56025.87109	55998.80063	56009.96094	505471.4	5408722.2
L5470.0	505471.4	5408720.8	15152.09961	315.77	93.39	48.831440	-86.925447	56001.05	56242.1	7.92	56008.97	56025.32813	55999.13981	56010.28125	505471.4	5408720.8
L5470.0	505471.4	5408719.5	15152.20020	316.65	96.54	48.831429	-86.925447	56000.42	56242.1	7.92	56008.34	56024.76563	55999.34150	56010.46094	505471.4	5408719.5
L5470.0	505471.4	5408718.4	15152.29981	314.53	96.54	48.831419	-86.925447	55999.76	56242.1	7.92	56007.68	56024.17188	55999.17077	56010.26953	505471.4	5408718.4
L5470.0	505471.4	5408718.4	15152.40039	314.56	96.47	48.831419	-86.925447	55999.16	56242.1	7.92	56007.08	56023.63672	56000.77336	56011.84766	505471.4	5408718.4
L5470.0	505471.3	5408716.9	15152.50000	313.83	96.41	48.831406	-86.925448	55998.47	56242.1	7.92	56006.39	56023.01172	56000.58020	56011.62891	505471.3	5408716.9
L5470.0	505471.3	5408715.0	15152.59961	313.53	96.41	48.831389	-86.925448	55997.71	56242.1	7.92	56005.63	56022.31641	55999.05965	56010.07813	505471.3	5408715.0
L5470.0	505471.3	5408715.0	15152.70020	315.89	97.28	48.831389	-86.925448	55996.95	56242.1	7.92	56004.87	56021.61719	55997.88107	56008.87109	505471.3	5408715.0
L5470.0	505471.3	5408713.6	15152.79981	315.88	97.28	48.831376	-86.925448	55996.25	56242.1	7.92	56004.17	56020.98047	55998.49485	56009.45703	505471.3	5408713.6
L5470.0	505471.3	5408712.2	15152.90039	315.94	97.78	48.831363	-86.925448	55995.44	56242.1	7.92	56003.36	56020.22656	55996.80267	56007.73047	505471.3	5408712.2
L5470.0	505471.3	5408710.7	15153.00000	316.67	97.89	48.831350	-86.925449	55994.73	56242.1	7.92	56002.65	56019.57422	55997.88746	56008.78125	505471.3	5408710.7
L5470.0	505471.3	5408709.3	15153.00000	316.67	97.89	48.831337	-86.925449	55993.84	56242.1	7.92	56001.76	56018.74219	55994.93320	56005.79297	505471.3	5408709.3
L5470.0	505471.3	5408709.3	15153.20020	315.84	97.31	48.831337	-86.925449	55993.04	56242.1	7.91	56000.95	56017.98828	55994.27647	56005.10156	505471.3	5408709.3
L5470.0	505471.3	5408707.6	15153.29981	315.24	97.36	48.831322	-86.925449	55992.18	56242.1	7.91	56000.09	56017.17969	55992.73395	56003.51953	505471.3	5408707.6
L5470.0	505471.3	5408706.2	15153.40039	316.00	97.43	48.831309	-86.925449	55991.36	56242.1	7.91	55999.27	56016.41406	55992.53173	56003.27734	505471.3	5408706.2
L5470.0	505471.3	5408706.2	15153.50000	315.62	97.39	48.831309	-86.925449	55990.38	56242.1	7.90	55998.28	56015.47266	55988.42736	55999.13281	505471.3	5408706.2
L5470.0	505471.3	5408704.0	15153.59961	316.97	97.39	48.831289	-86.925449	55989.52	56242.1	7.90	55997.42	56014.66016	55987.91639	55998.57813	505471.3	5408704.0
L5470.0	505471.3	5408702.3	15153.70020	318.83	97.15	48.831274	-86.925448	55988.54	56242.1	7.90	55996.43	56013.71875	55984.46690	55995.08203	505471.3	5408702.3
L5470.0	505471.3	5408701.3	15153.79981	316.84	89.18	48.831265	-86.925448	55987.62	56242.1	7.90	55995.52	56012.85547	55983.38517	55993.95313	505471.3	5408701.3
L5470.0	505471.3	5408699.9	15153.90039	317.79	89.18	48.831252	-86.925448	55986.66	56242.1	7.89	55994.55	56011.92578	55981.12278	55991.64453	505471.3	5408699.9
L5470.0	505471.3	5408699.9	15154.00000	317.62	90.47	48.831252	-86.925448	55985.70	56242.1	7.89	55993.59	56011.00781	55979.46581	55989.93359	505471.3	5408699.9
L5470.0	505471.3	5408697.2	15154.09961	317.58	92.28	48.831228	-86.925448	55984.69	56242.1	7.89	55992.58	56010.03906	55976.87536	55987.29297	505471.3	5408697.2
L5470.0	505471.3	5408697.2	15154.20020	318.58	95.17	48.831228	-86.925448	55983.81	56242.1	7.89	55991.70	56009.19531	55979.91915	55990.28516	505471.3	5408697.2
L5470.0	505471.3	5408695.7	15154.29981	319.01	95.17	48.831215	-86.925448	55982.66	56242.1	7.89	55990.55	56008.08203	55975.92698	55986.23438	505471.3	5408695.7
L5470.0	505471.3	5408694.7	15154.40039	319.76	91.39	48.831206	-86.925448	55981.83	56242.1	7.89	55989.72	56007.28516	55977.52031	55987.76953	505471.3	5408694.7
L5470.0	505471.3	5408693.0	15154.50000	319.42	90.28	48.831191	-86.925448	55980.72	56242.1	7.89	55988.61	56006.20703	55974.66804	55984.85938	505471.3	5408693.0
L5470.0	505471.3	5408692.0	15154.59961	318.93	92.38	48.831182	-86.925448	55979.83	56242.1	7.89	55987.72	56005.34766	55974.20873	55984.33984	505471.3	5408692.0
L5470.0	505471.3	5408690.6	15154.70020	320.89	89.62	48.831169	-86.925448	55978.67	56242.1	7.89	55986.56	56004.21484	55969.88736	55979.95703	505471.3	5408690.6
L5470.0	505471.3	5408689.3	15154.79981	318.49	89.62	48.831158	-86.925448	55977.68	56242.1	7.89	55985.57	56003.25000	55970.28793	55980.28906	505471.3	5408689.3
L5470.0	505471.3	5408688.2	15154.90039	316.19	91.44	48.831147	-86.925448	55976.59	56242.1	7.89	55984.48	56002.18359	55968.45712	55978.39453	505471.3	5408688.2
L5470.0	505471.4	5408686.7	15155.00000	317.02	95.97	48.831134	-86.925448	55975.58	56242.1	7.89	55983.47	56001.19531	55968.99195	55978.85938	505471.4	5408686.7
L5470.0	505471.4	5408686.7	15155.00000	317.02	95.5	48.831134	-86.925448	55974.46	56242.1	7.89	55982.35	56000.09375	55967.04460	55976.84375	505471.4	5408686.7
L5470.0	505471.4	5408685.5	15155.20020	318.64	94.34	48.831124	-86.925447	55973.33	56242.1	7.89	55981.23	55998.98828	55965.41126	55975.13672	505471.4	5408685.5
L5470.0	505471.4	5408684.1	15155.29981	317.54	94.34	48.831111	-86.925447	55972.14	56242.1	7.90	55980.04	55997.81250	55962.32380	55971.97656	505471.4	5408684.1
L5470.0	505471.5	5408682.4	15155.40039	316.42	93.59	48.831096	-86.925446	55971.06	56242.1	7.90	55978.95	55996.73438	55962.03450	55971.60938	505471.5	5408682.4
L5470.0	505471.5	5408681.0	15155.50000	317.47	93.23	48.831083	-86.925446	55969.86	56242.1	7.90	55977.76	55995.55469	55959.52628	55969.02344	505471.5	5408681.0
L5470.0	505471.5	5408681.0	15155.59961	316.97	93.07	48.831083	-86.925446	55968.86	56242.1	7.90	55976.76	55994.56250	55961.99995	55971.41797	505471.5	5408681.0
L5470.0	505471.6	5408678.9	15155.70020	315.06	92.57	48.831063	-86.925445	55967.66	56242.1	7.90	55975.57	55993.37500	55960.00794	55969.34766	505471.6	5408678.9
L5470.0	505471.6	5408677.4	15155.79981	314.06	90.34	48.831050	-86.925444	55966.50	56242.1	7.91	55974.41	55992.21875	55958.99990	55968.25391	505471.6	5408677.4
L5470.0	505471.6	5408677.4	15155.90039	314.30	89.1	48.831050	-86.925444	55965.21	56242.1	7.91	55973.12	55990.92969	55955.01507	55964.18359	505471.6	5408677.4
L5470.0	505471.6	5408675.7	15156.00000	315.51	87.98	48.831035	-86.925444	55964.10	56242.1	7.91	55972.01	55989.81641	55955.67963	55964.76172	505471.6	5408675.7
L5470.0	505471.7	5408674.3	15156.09961	313.48	87.98	48.831022	-86.925444	55962.81	56242.1	7.91	55970.72	55988.51953	55952.10696	55961.10156	505471.7	5408674.3
L5470.0	505471.7	5408672.7	15156.20020	313.45	88.59	48.831008	-86.925443	55961.52	56242.1	7.90	55969.42	55987.21484	55948.46449	55957.37109	505471.7	5408672.7
L5470.0	505471.7	5408672.7	15156.29981	315.11	88.43	48.831008	-86.925443	55960.28	56242.1	7.90	55968.18	55985.96484	55946.45964	55955.27344	505471.7	5408672.7
L5470.0	505471.7	5408671.3	15156.40039	316.32	89.27	48.830995	-86.925443	55959.04	56242.1	7.90	55966.94	55984.71094	55944.59619	55953.31641	505471.7	5408671.3
L5470.0	505471.7	5408669.9	15156.50000	318.17	89.27	48.830982	-86.925443	55957.72	56242.1	7.90	55965.62	55983.37500	55940.86843	55949.49609	505471.7	5408669.9
L5470.0	505471.7	5408668.4	15156.59961	317.29	90.25	48.830969	-86.925443	55956.38	56242.1	7.89	55964.28	55982.01953	55936.73282	55945.26563	505471.7	5408668.4
L5470.0	505471.7	5408667.4	15156.70020	317.93	86.39	48.830960	-86.925443	55955.07	56242.1	7.89	55962.96	55980.67969	55933.16320	55941.59766	505471.7	5408667.4

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5470.0	505471.7	5408666.3	15156.79981	317.85	88.84	48.830950	-86.925443	55953.83	56242.1	7.89	55961.71	55979.40625	55931.40110	55939.73828	505471.7	5408666.3
L5470.0	505471.7	5408664.8	15156.90039	317.62	88.84	48.830937	-86.925443	55952.59	56242.1	7.88	55960.47	55978.14063	55929.93498	55938.16797	505471.7	5408664.8
L5470.0	505471.8	5408663.6	15157.00000	317.98	86	48.830926	-86.925443	55951.35	56242.1	7.88	55959.23	55976.87500	55928.49489	55936.62891	505471.8	5408663.6
L5470.0	505471.8	5408662.4	15157.00000	317.98	87.08	48.830915	-86.925443	55950.01	56242.1	7.88	55957.89	55975.50391	55924.52105	55932.55078	505471.8	5408662.4
L5470.0	505471.8	5408660.9	15157.20020	315.79	87.08	48.830902	-86.925442	55948.79	56242.1	7.88	55956.67	55974.25000	55923.57190	55931.49609	505471.8	5408660.9
L5470.0	505471.8	5408659.7	15157.29981	315.55	90.4	48.830892	-86.925442	55947.61	56242.1	7.88	55955.49	55973.03516	55923.60423	55931.42188	505471.8	5408659.7
L5470.0	505471.8	5408659.7	15157.40039	314.83	87.44	48.830892	-86.925442	55946.37	56242.1	7.88	55954.25	55971.75781	55922.04028	55929.75000	505471.8	5408659.7
L5470.0	505471.8	5408658.3	15157.50000	315.33	86.74	48.830878	-86.925442	55945.10	56242.1	7.88	55952.98	55970.44922	55919.61180	55927.21484	505471.8	5408658.3
L5470.0	505471.8	5408657.0	15157.59961	314.75	86.95	48.830867	-86.925442	55943.78	56242.1	7.88	55951.66	55969.08594	55915.78232	55923.27734	505471.8	5408657.0
L5470.0	505471.8	5408655.6	15157.70020	315.99	84.98	48.830854	-86.925442	55942.55	56242.1	7.88	55950.43	55967.81250	55914.07036	55921.45313	505471.8	5408655.6
L5470.0	505471.8	5408654.7	15157.79981	317.66	84.98	48.830846	-86.925442	55941.23	56242.1	7.88	55949.11	55966.44531	55909.89150	55917.16406	505471.8	5408654.7
L5470.0	505471.8	5408653.5	15157.90039	317.31	84.98	48.830835	-86.925442	55939.99	56242.1	7.88	55947.87	55965.15625	55907.49361	55914.65234	505471.8	5408653.5
L5470.0	505471.8	5408651.8	15158.00000	318.00	83.78	48.830820	-86.925442	55938.83	56242.1	7.88	55946.71	55963.94531	55906.80238	55913.84766	505471.8	5408651.8
L5470.0	505471.8	5408650.4	15158.09961	317.57	87.75	48.830807	-86.925442	55937.74	56242.1	7.88	55945.62	55962.80078	55907.49042	55914.42188	505471.8	5408650.4
L5470.0	505471.8	5408650.4	15158.20020	317.83	89.1	48.830807	-86.925442	55936.55	56242.1	7.88	55944.43	55961.55469	55905.32363	55912.14063	505471.8	5408650.4
L5470.0	505471.8	5408649.0	15158.29981	318.65	90.16	48.830795	-86.925442	55935.44	56242.1	7.88	55943.32	55960.38672	55904.68608	55911.38672	505471.8	5408649.0
L5470.0	505471.8	5408647.6	15158.40039	316.55	90.16	48.830782	-86.925442	55934.22	56242.1	7.88	55942.10	55959.10547	55900.92353	55907.50781	505471.8	5408647.6
L5470.0	505471.8	5408646.6	15158.50000	315.56	90.22	48.830773	-86.925442	55933.04	56242.1	7.88	55940.91	55957.85547	55897.40699	55903.87500	505471.8	5408646.6
L5470.0	505471.8	5408644.9	15158.59961	316.35	90.22	48.830758	-86.925441	55931.85	56242.1	7.87	55939.72	55956.59766	55893.37371	55899.72266	505471.8	5408644.9
L5470.0	505471.9	5408643.7	15158.70020	315.20	90.14	48.830747	-86.925441	55930.94	56242.1	7.87	55938.81	55955.62109	55895.38993	55901.62109	505471.9	5408643.7
L5470.0	505471.9	5408642.1	15158.79981	314.56	85.02	48.830733	-86.925441	55929.85	56242.1	7.87	55937.72	55954.46094	55892.51933	55898.63281	505471.9	5408642.1
L5470.0	505471.9	5408642.1	15158.90039	314.38	85.02	48.830733	-86.925441	55928.89	56242.1	7.87	55936.76	55953.42969	55892.03214	55898.02734	505471.9	5408642.1
L5470.0	505471.9	5408640.4	15159.00000	314.33	82.67	48.830717	-86.925441	55927.80	56242.1	7.87	55935.67	55952.26953	55887.82074	55893.69531	505471.9	5408640.4
L5470.0	505471.9	5408639.2	15159.00000	314.33	81.03	48.830707	-86.925441	55926.91	56242.1	7.87	55934.78	55951.30078	55887.51547	55893.26953	505471.9	5408639.2
L5470.0	505471.9	5408638.2	15159.20020	314.17	80.25	48.830698	-86.925440	55925.85	56242.1	7.87	55933.72	55950.16406	55882.51151	55888.14844	505471.9	5408638.2
L5470.0	505471.9	5408637.1	15159.29981	316.11	80.25	48.830688	-86.925440	55925.02	56242.1	7.87	55932.89	55949.25781	55882.00018	55887.51563	505471.9	5408637.1
L5470.0	505472.0	5408635.6	15159.40039	314.22	81.44	48.830674	-86.925440	55924.14	56242.1	7.87	55932.00	55948.28516	55879.26381	55884.66016	505472.0	5408635.6
L5470.0	505472.0	5408634.3	15159.50000	315.06	88.61	48.830662	-86.925440	55923.50	56242.1	7.87	55931.36	55947.56250	55881.38253	55886.66016	505472.0	5408634.3
L5470.0	505472.0	5408634.3	15159.59961	314.72	89.82	48.830662	-86.925440	55922.71	56242.1	7.86	55930.58	55946.69922	55879.38364	55884.54297	505472.0	5408634.3
L5470.0	505472.0	5408632.9	15159.70020	314.04	89.49	48.830650	-86.925439	55922.06	56242.1	7.86	55929.92	55945.95313	55879.20173	55884.24219	505472.0	5408632.9
L5470.0	505472.1	5408631.5	15159.79981	315.91	89.49	48.830637	-86.925439	55921.17	56242.1	7.86	55929.03	55944.97266	55872.77719	55877.69922	505472.1	5408631.5
L5470.0	505472.1	5408630.0	15159.90039	316.14	88.99	48.830624	-86.925438	55920.64	56242.1	7.86	55928.50	55944.35547	55873.62943	55878.43359	505472.1	5408630.0
L5470.0	505472.1	5408629.1	15160.00000	316.30	88.49	48.830616	-86.925438	55920.04	56242.1	7.86	55927.90	55943.66406	55871.86579	55876.55078	505472.1	5408629.1
L5470.0	505472.2	5408627.9	15160.09961	317.06	88.49	48.830605	-86.925438	55919.58	56242.1	7.86	55927.44	55943.11328	55872.30638	55876.87500	505472.2	5408627.9
L5470.0	505472.2	5408626.7	15160.20020	315.76	80.62	48.830594	-86.925437	55918.95	56242.1	7.86	55926.80	55942.37891	55867.53802	55871.98828	505472.2	5408626.7
L5470.0	505472.2	5408625.2	15160.29981	315.45	89.1	48.830581	-86.925437	55918.57	56242.1	7.86	55926.42	55941.90234	55867.73662	55872.07031	505472.2	5408625.2
L5470.0	505472.3	5408623.8	15160.40039	314.92	89.15	48.830568	-86.925436	55918.19	56242.1	7.86	55926.04	55941.42578	55866.87619	55871.09375	505472.3	5408623.8
L5470.0	505472.3	5408622.7	15160.50000	315.13	89.15	48.830558	-86.925436	55917.98	56242.1	7.86	55925.84	55941.12891	55869.13732	55873.24219	505472.3	5408622.7
L5470.0	505472.3	5408622.7	15160.59961	316.12	88.78	48.830558	-86.925436	55917.66	56242.1	7.85	55925.51	55940.69922	55867.28054	55871.26953	505472.3	5408622.7
L5470.0	505472.3	5408621.5	15160.70020	315.80	88.74	48.830547	-86.925435	55917.40	56242.1	7.85	55925.26	55940.34766	55866.19008	55870.07031	505472.3	5408621.5
L5470.0	505472.4	5408619.8	15160.79981	316.92	88.74	48.830532	-86.925435	55917.31	56242.1	7.85	55925.16	55940.14844	55867.49469	55871.26172	505472.4	5408619.8
L5470.0	505472.4	5408617.9	15160.90039	316.74	88.3	48.830515	-86.925434	55917.20	56242.1	7.85	55925.05	55939.93359	55867.44696	55871.10156	505472.4	5408617.9
L5470.0	505472.4	5408617.0	15161.00000	315.82	88.36	48.830507	-86.925434	55917.02	56242.2	7.85	55924.87	55939.65234	55864.64033	55868.18359	505472.4	5408617.0
L5470.0	505472.4	5408617.0	15161.00000	315.82	88.01	48.830507	-86.925434	55916.92	56242.2	7.85	55924.77	55939.44531	55862.57484	55866.01172	505472.4	5408617.0
L5470.0	505472.4	5408615.3	15161.20020	315.77	88.01	48.830492	-86.925434	55916.92	56242.2	7.85	55924.77	55939.33984	55861.70941	55865.03906	505472.4	5408615.3
L5470.0	505472.4	5408613.9	15161.29981	315.27	87.25	48.830479	-86.925434	55917.20	56242.2	7.85	55925.05	55939.51563	55866.20678	55869.42969	505472.4	5408613.9
L5470.0	505472.4	5408612.5	15161.40039	316.95	82.48	48.830466	-86.925434	55917.48	56242.2	7.85	55925.32	55939.67969	55869.31778	55872.43750	505472.4	5408612.5
L5470.0	505472.4	5408611.3	15161.50000	315.74	82.48	48.830456	-86.925434	55917.63	56242.2	7.85	55925.48	55939.73047	55868.74837	55871.76172	505472.4	5408611.3
L5470.0	505472.4	5408609.9	15161.59961	315.33	85.46	48.830443	-86.925434	55917.84	56242.2	7.84	55925.68	55939.82031	55867.97572	55870.89063	505472.4	5408609.9
L5470.0	505472.4	5408609.9	15161.70020	315.72	81	48.830443	-86.925434	55918.08	56242.2	7.84	55925.93	55939.96484	55867.23162	55870.04688	505472.4	5408609.9
L5470.0	505472.4	5408608.5	15161.79981	314.10	83.31	48.830431	-86.925434	55918.52	56242.2	7.84	55926.36	55940.28516	55869.48251	55872.19531	505472.4	5408608.5
L5470.0	505472.4	5408607.1	15161.90039	314.97	83.31	48.830418	-86.925435	55919.00	56242.2	7.84	55926.84	55940.65234	55871.75111	55874.36719	505472.4	5408607.1
L5470.0	505472.4	5408605.8	15162.00000	314.66	82.93	48.830406	-86.925435	55919.53	56242.2	7.84	55927.37	55941.07422	55874.04790	55876.57031	505472.4	5408605.8
L5470.0	505472.4	5408605.0	15162.09961	315.24	82.26	48.830399	-86.925435	55920.04	56242.2	7.84	55927.87	55941.46094	55874.57495	55877.00391	505472.4	5408605.0
L5470.0	505472.4	5408603.3	15162.20020	314.40	82.26	48.830384	-86.925435	55920.54	56242.2	7.83	55928.37	55941.85156	55874.03417	55876.37109	505472.4	5408603.3
L5470.0	505472.4	5408602.2	15162.29981	314.36	81.79	48.830374	-86.925435	55921.17	56242.2	7.83	55929.00	55942.36719	55875.38146	55877.62500	505472.4	5408602.2
L5470.0	505472.4	5408602.2	15162.40039	314.24	81.92	48.830374	-86.925435	55921.88	56242.2	7.83	55929.71	55942.96875	55877.50934	55879.66406	505472.4	5408602.2
L5470.0	505472.3	5408601.0	15162.50000	313.55	82.08	48.830363	-86.925435	55922.59	56242.2	7.82	55930.41	55943.55469	55878.41635	55880.48438	505472.3	5408601.0
L5470.0	505472.3	5408599.5	15162.59961	312.51	83.47	48.830349	-86.925435	55923.30	56242.2	7.82	55931.12	55944.15234	55878.58923	55880.57422	505472.3	5408599.5
L5470.0	505472.3	5408598.1	15162.70020	314.70	83.47	48.830337	-86.925436	55924.13	56242.2	7.82	55931.95	55944.87109	55880.55487	55882.45703	505472.3	5408598.1
L5470.0	505472.3	5408596.7	15162.79981	312.61	80.1	48.830324	-86.925436	55925.02	56242.2	7.82	55932.84	55945.64844	55883.00201	55884.82422	505472.3	5408596.7
L5470.0	505472.3	5408595.8	15162.90039	314.65	82.11	48.830316	-86.925436	55925.88	56242.2	7.81	55933.69	55946.38672	55883.70435	55885.44531	505472.3	5408595.8
L5470.0	505472.3	5408595.8	15163.00000	314.24	82.11	48.830316	-86.925436	55926.82	56242.2	7.81	55934.63	55947.21484	55885.65699	55887.32031	505472.3	5408595.8
L5470.0	505472.3	5408594.2	15163.00000	314.24	83.2	48.830302	-86.925436	55927.80	56242.2	7.81	55935.61	55948.08203	55887.76984	55889.35938	505472.3	5408594.2
L5470.0	505472.3	5408592.8	15163.20020	315.27	83.72	48.830289	-86.925436	55928.81	56242.2	7.81	55936.63	55948.98828	55890.08826	55891.60547	505472.3	5408592.8
L5470.0	505472.3	5408591.6	15163.29981	314.36	78.26	48.830279	-86.925436	55929.85	56242.2	7.82	55937.66	55949.90625	55891.97330	55893.41797	505472.3	5408591.6
L5470.0	505472.3	5408590.3	15163.40039	316.31	78.26	48.830266	-86.925436	55930.94	56242.2	7.82	55938.76	55950.89453	55894.84395	55896.21875	505472.3	5408590.3
L5470.0	505472.3	5408588.6	15163.50000	315.62	78.11	48.830252	-86.925436	55932.07	56242.2	7.82	55939.89	55951.91406	55897.83687	55899.14453	505472.3	5408588.6
L5470.0	505472.3	5408587.7	15163.59961	315.78	78.14	48.830244	-86.925436	55933.19	56242.2	7.82	55941.01	55952.92188	55900.08750	55901.32813	505472.3	5408587.7
L5470.0	505472.3	5408586.4	15163.70020	316.26	80.39	48.830231	-86.925437	55934.25	56242.2	7.82	55942.07	55953.87109	55900.51027	55901.68750	505472.3	5408586.4
L5470.0	505472.3	5408585.5	15163.79981	316.28	80.39	48.830223	-86.925437	55935.39	56242.2	7.83	55943.21	55954.90234	55902.34900	55903.46484	505472.3	5408585.5
L5470.0	505472.3	5408585.5	15163.90039	316.20	81.63	48.830223	-86.925437	55936.63	56242.2	7.83	55944.46	55956.03906	55906.32462	55907.38281	505472.3	5408585.5
L5470.0	505472.3	5408584.1	15164.00000	316.46	81.07	48.830211	-86.925437	55938.02	56242.2	7.83	55945.85	55957.32031	55913.13794	55914.13672	505472.3	5408584.1
L5470.0	505472.2	5408581.8	15164.09961	314.75	77.71	48.830190	-86.925437	55939.23	56242.2	7.83	55947.06	55958.42188	55915.62022	55916.56641	505472.2	5408581.8
L5470.0	505472.2	5408581.8	15164.20020	314.27	77.71	48.830190	-86.925437	55940.45	56242.2	7.83	55948.27	55959.52344	55917.89892	55918.79297	505472.2	5408581.8
L5470.0	505472.2	5408579.8	15164.29981	312.20	77.25	48.830172	-86.925437	55941.74	56242.2	7.82	55949.56	55960.70313	55921.79834	55922.64063	505472.2	5408579.8
L5470.0	505472.2	5408579.8	15164.40039	311.53	76.72	48.830172	-86.925437	55942.90	56242.2	7.82	55950.72	55961.75781	55922.72498	55923.51563	505472.2	5408579.8
L5470.0	505472.2	5408578.4	15164.50000	312.50	77.89	48.830159	-86.925437	55944.14	56242.2	7.82	55951.96	55962.89063	55925.36980	55926.11328	505472.2	5408578.4
L5470.0	505472.2	5408576.8	15164.59961	311.91	77.89	48.830145	-86.925438	55945.48	56242.2	7.82	55953.29	55964.11328	55929.95044	55930.64844	505472.2	5408576.8
L5470.0	505472.2	5408575.4	15164.70020	313.61	77.8	48.830133	-86.925438	55946.64	56242.2	7.82	55954.46	55965.17578	55931.12389	55931.78125	505472.2	5408575.4
L5470.0	505472.2	5408575.4	15164.79981	312.65	76.92	48.830133	-86.925438	55947.96	56242.2	7.81	55955.77	55966.38281	55935.36962	55935.98438	505472.2	5408575.4
L5470.0	505472.1	5408573.2	15164.90039	312.31	76.92	48.830113	-86.925438	55949.02	56242.2	7.81	55956.83	55967.33594	55934.49158	55935.06641	505472.1	5408573.2
L5470.0	505472.1	5408571.9	15165.00000	313.62	78.55	48.830101	-86.925439	55950.21	56242.2	7.81	55958.02	55968.42188	55936.54946	55937.08594	505472.1	5408571.9
L5470.0	505472.1	5408571.9	15165.00000	313.62	79.56	48.830101	-86.925439	55951.40	56242.2	7.81	55959.21	55969.50781	55938.83754	55939.33594	505472.1	5408571.9
L5470.0	505472.1	5408570.6	15165.20020	315.05	70.9	48.830090	-86.925439	55952.66	56242.2	7.81	55960.47	55970.66406	55942.81770	55943.28516	505472.1	5408570.6
L5470.0	505472.1	5408569.3	15165.29981	314.27	71.64	48.830078	-86.925439	55953.83	56242.2	7.81	55961.64	55971.73438	55945.26875	55945.70313	505472.1	5408569.3
L5470.0	505472.1	5408568.3	15165.40039	312.24	71.64	48.830069	-86.925439	55955.22	56242.2	7.81	55963.02	55973.01172	55952.29835	55952.69922	505472.1	5408568.3
L5470.0	505472.1	5408566.4	15165.50000	312.42	74.4	48.830052	-86.925439	55956.28	56242.2	7.81	55964.08	55973.97266	55953.29511	55953.66797	505472.1	5408566.4
L5470.0	505472.1	5408566.4	15165.59961	313.45	75.66	48.830052	-86.925439	55957.37	56242.2	7.80	55965.17	55974.96094	55955.36325	55955.70703	505472.1	5408566.4
L5470.0	505472.1	5408564.7	15165.70020	312.22	75.66	48.830037	-86.925439	55958.28	56242.2	7.80	55966.08	55975.77344	55954.35088	55954.67188	505472.1	5408564.7
L5470.0	505472.1	5408563.3	15165.79981	311.92	73.24	48.830024	-86.925440	55959.37	56242.2	7.80	55967.17	55976.76563	55957.49681	55957.78906	505472.1	5408563.3
L5470.0	505472.1	5408562.1	15165.90039	311.59	73.24	48.830013	-86.925440	55960.38	56242.2	7.80	55968.18	55977.67578	55959.65488	55959.92578	505472.1	5408562.1
L5470.0	505472.0	5408560.5	15166.00000	311.02	71.85	48.829998	-86.925440	55961.32	56242.2	7.80	55969.12	55978.51953	55961.06664	55961.31250	505472.0	5408560.5

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5470.0	505472.0	5408558.8	15166.09961	312.05	68.47	48.829984	-86.925440	55962.30	56242.2	7.80	55970.10	55979.40234	55963.99605	55964.22266	505472.0	5408558.8
L5470.0	505472.0	5408558.8	15166.20020	311.91	68.47	48.829984	-86.925440	55963.21	56242.2	7.79	55971.01	55980.21875	55966.27319	55966.48047	505472.0	5408558.8
L5470.0	505472.0	5408557.2	15166.29981	314.00	71.6	48.829969	-86.925440	55964.00	56242.2	7.79	55971.79	55980.90234	55966.69479	55966.88672	505472.0	5408557.2
L5470.0	505472.0	5408555.7	15166.40039	313.90	71.6	48.829956	-86.925440	55964.93	56242.2	7.79	55972.72	55981.73828	55971.06650	55971.23828	505472.0	5408555.7
L5470.0	505472.0	5408555.7	15166.50000	313.31	81.08	48.829956	-86.925440	55965.56	56242.2	7.79	55973.35	55982.27734	55970.10962	55970.26563	505472.0	5408555.7
L5470.0	505472.0	5408554.6	15166.59961	314.04	76.82	48.829946	-86.925440	55966.27	56242.2	7.78	55974.06	55982.89453	55971.74741	55971.89063	505472.0	5408554.6
L5470.0	505472.0	5408552.9	15166.70020	312.59	76.82	48.829930	-86.925440	55966.93	56242.2	7.78	55974.71	55983.44922	55973.10065	55973.23047	505472.0	5408552.9
L5470.0	505472.0	5408551.4	15166.79981	314.46	77	48.829916	-86.925441	55967.56	56242.2	7.78	55975.34	55983.98828	55975.05776	55975.17578	505472.0	5408551.4
L5470.0	505472.0	5408551.4	15166.90039	314.33	74.19	48.829916	-86.925441	55968.07	56242.2	7.77	55975.84	55984.39844	55975.27084	55975.37500	505472.0	5408551.4
L5470.0	505472.0	5408550.0	15167.00000	314.64	79.03	48.829904	-86.925441	55968.52	56242.2	7.77	55976.29	55984.75781	55975.47913	55975.57031	505472.0	5408550.0
L5470.0	505472.0	5408548.3	15167.00000	314.64	79.03	48.829889	-86.925441	55969.00	56242.2	7.77	55976.77	55985.14844	55977.48624	55977.57031	505472.0	5408548.3
L5470.0	505472.0	5408547.0	15167.20020	315.18	78.37	48.829877	-86.925441	55969.46	56242.2	7.77	55977.23	55985.51953	55980.24404	55980.31641	505472.0	5408547.0
L5470.0	505472.0	5408546.1	15167.29981	316.30	80.17	48.829869	-86.925441	55969.66	56242.2	7.77	55977.44	55985.64453	55978.60937	55978.67188	505472.0	5408546.1
L5470.0	505472.0	5408546.1	15167.40039	315.69	80.17	48.829869	-86.925441	55969.94	56242.2	7.77	55977.71	55985.82422	55979.53944	55979.59375	505472.0	5408546.1
L5470.0	505471.9	5408544.5	15167.50000	315.17	79.21	48.829854	-86.925442	55969.96	56242.2	7.77	55977.74	55985.76953	55976.26833	55976.31250	505471.9	5408544.5
L5470.0	505471.9	5408543.3	15167.59961	317.19	79.21	48.829844	-86.925442	55970.12	56242.2	7.78	55977.90	55985.84375	55977.21781	55977.25781	505471.9	5408543.3
L5470.0	505471.9	5408541.9	15167.70020	317.13	79.08	48.829831	-86.925442	55970.20	56242.2	7.78	55977.97	55985.82813	55977.40652	55977.43750	505471.9	5408541.9
L5470.0	505471.9	5408540.4	15167.79981	316.19	78.47	48.829818	-86.925442	55970.37	56242.2	7.78	55978.15	55985.92188	55981.42901	55981.45313	505471.9	5408540.4
L5470.0	505471.9	5408539.1	15167.90039	315.30	78.47	48.829807	-86.925443	55970.29	56242.2	7.78	55978.07	55985.75781	55980.80195	55980.82031	505471.9	5408539.1
L5470.0	505471.8	5408537.7	15168.00000	314.15	77.65	48.829794	-86.925443	55970.22	56242.2	7.78	55978.00	55985.60156	55981.72079	55981.73047	505471.8	5408537.7
L5470.0	505471.8	5408537.7	15168.09961	315.05	76.29	48.829794	-86.925443	55969.82	56242.2	7.78	55977.59	55985.10938	55976.16340	55976.16797	505471.8	5408537.7
L5470.0	505471.8	5408535.8	15168.20020	315.21	76.29	48.829777	-86.925443	55969.69	56242.2	7.78	55977.46	55984.89453	55978.33875	55978.33594	505471.8	5408535.8
L5470.0	505471.8	5408534.8	15168.29981	315.23	75.24	48.829767	-86.925444	55969.38	56242.2	7.77	55977.16	55984.51172	55977.92920	55977.92188	505471.8	5408534.8
L5470.0	505471.8	5408533.1	15168.40039	315.89	75.83	48.829752	-86.925444	55969.11	56242.2	7.77	55976.88	55984.14844	55979.25820	55979.24219	505471.8	5408533.1
L5470.0	505471.8	5408531.9	15168.50000	315.31	75.83	48.829742	-86.925444	55968.60	56242.2	7.77	55976.37	55983.55859	55976.64480	55976.62109	505471.8	5408531.9
L5470.0	505471.7	5408530.4	15168.59961	314.55	71.42	48.829728	-86.925444	55968.14	56242.2	7.77	55975.91	55983.01563	55976.41462	55976.38281	505471.7	5408530.4
L5470.0	505471.7	5408530.4	15168.70020	315.20	68.01	48.829728	-86.925444	55967.56	56242.2	7.77	55975.33	55982.35547	55974.70792	55974.67188	505471.7	5408530.4
L5470.0	505471.7	5408529.0	15168.79981	315.50	62.76	48.829715	-86.925445	55966.98	56242.2	7.76	55974.74	55981.68359	55973.96783	55973.92188	505471.7	5408529.0
L5470.0	505471.7	5408527.3	15168.90039	316.24	62.76	48.829700	-86.925445	55966.25	56242.2	7.76	55974.01	55980.87109	55971.25954	55971.20703	505471.7	5408527.3
L5470.0	505471.7	5408526.0	15169.00000	313.31	65.26	48.829688	-86.925445	55965.66	56242.2	7.76	55973.42	55980.19922	55972.77367	55972.71094	505471.7	5408526.0
L5470.0	505471.7	5408524.9	15169.00000	313.31	68.22	48.829679	-86.925445	55964.83	56242.2	7.76	55972.59	55979.28906	55970.02529	55969.95313	505471.7	5408524.9
L5470.0	505471.7	5408524.9	15169.20020	314.70	68.22	48.829679	-86.925445	55963.87	56242.2	7.76	55971.62	55978.23828	55965.20004	55965.11719	505471.7	5408524.9
L5470.0	505471.7	5408523.6	15169.29981	313.47	74.16	48.829667	-86.925445	55962.86	56242.2	7.75	55970.61	55977.14844	55960.45686	55960.36328	505471.7	5408523.6
L5470.0	505471.7	5408522.1	15169.40039	313.55	74.16	48.829653	-86.925445	55961.88	56242.2	7.75	55969.63	55976.08984	55957.28103	55957.17578	505471.7	5408522.1
L5470.0	505471.7	5408520.9	15169.50000	313.56	74.08	48.829642	-86.925445	55961.01	56242.3	7.75	55968.76	55975.13672	55957.37943	55957.26172	505471.7	5408520.9
L5470.0	505471.7	5408519.5	15169.59961	313.14	74.94	48.829630	-86.925445	55960.05	56242.3	7.75	55967.80	55974.09766	55956.26745	55956.14063	505471.7	5408519.5
L5470.0	505471.7	5408517.8	15169.70020	313.76	74.94	48.829615	-86.925446	55958.96	56242.3	7.75	55966.71	55972.92578	55952.98795	55952.84766	505471.7	5408517.8
L5470.0	505471.7	5408517.8	15169.79981	314.32	72.62	48.829615	-86.925446	55957.92	56242.3	7.74	55965.67	55971.80859	55951.45221	55951.29688	505471.7	5408517.8
L5470.0	505471.7	5408516.3	15169.90039	315.42	71.19	48.829601	-86.925446	55956.71	56242.3	7.74	55964.45	55970.50781	55946.48356	55946.31250	505471.7	5408516.3
L5470.0	505471.6	5408514.9	15170.00000	315.44	71.22	48.829588	-86.925446	55955.55	56242.3	7.74	55963.29	55969.26563	55943.32180	55943.13281	505471.6	5408514.9
L5470.0	505471.6	5408513.2	15170.09961	315.20	71.22	48.829573	-86.925446	55954.23	56242.3	7.74	55961.97	55967.86719	55936.99830	55936.79297	505471.6	5408513.2
L5470.0	505471.6	5408513.2	15170.20020	315.37	70.86	48.829573	-86.925446	55953.12	56242.3	7.74	55960.86	55966.67578	55935.64567	55935.42188	505471.6	5408513.2
L5470.0	505471.6	5408510.7	15170.29981	315.04	70.86	48.829550	-86.925447	55952.01	56242.3	7.74	55959.75	55965.48828	55934.51004	55934.26563	505471.6	5408510.7
L5470.0	505471.6	5408510.7	15170.40039	317.04	73.03	48.829550	-86.925447	55950.96	56242.3	7.74	55958.70	55964.35547	55934.82869	55934.56250	505471.6	5408510.7
L5470.0	505471.6	5408508.8	15170.50000	315.98	73.03	48.829533	-86.925447	55949.73	56242.3	7.74	55957.47	55963.04688	55931.17190	55930.88672	505471.6	5408508.8
L5470.0	505471.6	5408507.4	15170.59961	314.66	72.5	48.829521	-86.925447	55948.36	56242.3	7.74	55956.10	55961.59375	55924.33798	55924.02734	505471.6	5408507.4
L5470.0	505471.6	5408505.8	15170.70020	315.54	72.5	48.829506	-86.925447	55946.92	56242.3	7.74	55954.66	55960.07422	55915.79182	55915.46094	505471.6	5408505.8
L5470.0	505471.6	5408505.8	15170.79981	314.51	72.83	48.829506	-86.925447	55945.76	56242.3	7.74	55953.50	55958.83203	55913.18271	55912.82422	505471.6	5408505.8
L5470.0	505471.5	5408504.1	15170.90039	314.03	73.5	48.829491	-86.925448	55944.52	56242.3	7.74	55952.26	55957.51172	55908.43886	55908.05469	505471.5	5408504.1
L5470.0	505471.5	5408502.4	15171.00000	314.36	73.5	48.829476	-86.925448	55943.43	56242.3	7.74	55951.17	55956.33984	55906.53649	55906.12500	505471.5	5408502.4
L5470.0	505471.5	5408502.4	15171.00000	314.36	71.79	48.829476	-86.925448	55942.20	56242.3	7.74	55949.93	55955.01563	55900.77547	55900.33203	505471.5	5408502.4
L5470.0	505471.5	5408500.8	15171.20020	314.36	71.79	48.829462	-86.925448	55941.06	56242.3	7.75	55948.80	55953.80469	55896.78567	55896.31641	505471.5	5408500.8
L5470.0	505471.5	5408499.4	15171.29981	313.50	73.75	48.829449	-86.925449	55939.91	56242.3	7.75	55947.66	55952.58203	55891.82625	55891.32422	505471.5	5408499.4
L5470.0	505471.5	5408497.9	15171.40039	312.09	73.75	48.829436	-86.925449	55938.98	56242.2	7.75	55946.73	55951.57031	55890.57984	55890.04297	505471.5	5408497.9
L5470.0	505471.5	5408497.9	15171.50000	311.72	70.55	48.829436	-86.925449	55937.99	56242.2	7.75	55945.75	55950.50781	55887.28180	55886.71094	505471.5	5408497.9
L5470.0	505471.5	5408496.3	15171.59961	312.06	70.85	48.829421	-86.925449	55937.21	56242.2	7.76	55944.96	55949.63281	55887.02754	55886.42188	505471.5	5408496.3
L5470.0	505471.5	5408496.3	15171.70020	313.84	70.85	48.829421	-86.925449	55936.27	56242.2	7.76	55944.03	55948.62109	55882.59859	55881.95703	505471.5	5408496.3
L5470.0	505471.5	5408494.6	15171.79981	315.04	72.67	48.829406	-86.925449	55935.56	56242.2	7.76	55943.33	55947.83594	55881.88454	55881.20703	505471.5	5408494.6
L5470.0	505471.5	5408493.2	15171.90039	313.62	65.66	48.829393	-86.925449	55934.88	56242.2	7.77	55942.65	55947.07422	55880.27943	55879.55859	505471.5	5408493.2
L5470.0	505471.5	5408491.8	15172.00000	312.95	65.66	48.829381	-86.925449	55934.22	56242.2	7.77	55941.99	55946.32813	55877.71056	55876.94922	505471.5	5408491.8
L5470.0	505471.5	5408490.4	15172.09961	313.94	69.58	48.829368	-86.925449	55933.64	56242.2	7.77	55941.41	55945.66406	55875.39156	55874.58984	505471.5	5408490.4
L5470.0	505471.5	5408489.2	15172.20020	312.92	69.58	48.829357	-86.925449	55933.14	56242.2	7.77	55940.91	55945.07813	55873.25155	55872.40625	505471.5	5408489.2
L5470.0	505471.5	5408489.2	15172.29981	313.44	67.44	48.829357	-86.925449	55932.73	56242.2	7.76	55940.50	55944.58203	55871.45373	55870.56641	505471.5	5408489.2
L5470.0	505471.5	5408487.5	15172.40039	313.73	67.71	48.829342	-86.925448	55932.43	56242.2	7.76	55940.19	55944.18750	55870.17083	55869.23828	505471.5	5408487.5
L5470.0	505471.5	5408485.8	15172.50000	314.00	67.71	48.829327	-86.925448	55932.25	56242.2	7.76	55940.01	55943.92188	55870.01969	55869.03906	505471.5	5408485.8
L5470.0	505471.6	5408484.4	15172.59961	314.94	64.37	48.829314	-86.925447	55932.02	56242.2	7.76	55939.78	55943.60547	55867.08696	55866.05859	505471.6	5408484.4
L5470.0	505471.6	5408483.0	15172.70020	313.50	64.37	48.829302	-86.925447	55932.00	56242.2	7.76	55939.75	55943.48828	55866.75594	55865.67969	505471.6	5408483.0
L5470.0	505471.6	5408483.0	15172.79981	312.09	63.03	48.829302	-86.925447	55932.00	56242.2	7.75	55939.75	55943.40234	55865.32839	55864.20313	505471.6	5408483.0
L5470.0	505471.6	5408481.2	15172.90039	314.36	63.03	48.829286	-86.925447	55932.22	56242.2	7.75	55939.97	55943.53125	55866.93191	55865.75391	505471.6	5408481.2
L5470.0	505471.6	5408480.1	15173.00000	313.72	60.21	48.829275	-86.925447	55932.43	56242.3	7.75	55940.18	55943.65625	55866.54279	55865.31250	505471.6	5408480.1
L5470.0	505471.6	5408478.6	15173.00000	313.72	60.21	48.829262	-86.925447	55932.71	56242.3	7.75	55940.46	55943.84766	55865.89810	55864.61328	505471.6	5408478.6
L5470.0	505471.6	5408477.2	15173.20020	315.07	59.3	48.829250	-86.925447	55933.01	56242.2	7.76	55940.77	55944.07031	55864.11844	55862.78125	505471.6	5408477.2
L5470.0	505471.6	5408475.8	15173.29981	315.57	60.93	48.829237	-86.925446	55933.46	56242.2	7.76	55941.22	55944.42969	55863.63443	55862.24219	505471.6	5408475.8
L5470.0	505471.6	5408475.8	15173.40039	315.27	60.93	48.829237	-86.925446	55934.20	56242.2	7.76	55941.96	55945.08203	55867.78387	55866.33203	505471.6	5408475.8
L5470.0	505471.7	5408473.9	15173.50000	315.29	62.93	48.829220	-86.925446	55934.91	56242.2	7.76	55942.67	55945.70313	55869.51504	55868.00781	505471.7	5408473.9
L5470.0	505471.7	5408472.2	15173.59961	315.22	62.93	48.829204	-86.925446	55935.66	56242.2	7.77	55943.43	55946.37500	55870.60812	55869.04297	505471.7	5408472.2
L5470.0	505471.7	5408472.2	15173.70020	313.67	59.94	48.829204	-86.925446	55936.50	56242.2	7.77	55944.27	55947.12500	55871.74999	55870.12891	505471.7	5408472.2
L5470.0	505471.7	5408470.6	15173.79981	313.96	59.94	48.829190	-86.925446	55937.44	56242.2	7.77	55945.21	55947.97656	55873.41332	55871.73047	505471.7	5408470.6
L5470.0	505471.7	5408469.3	15173.90039	315.55	62.2	48.829178	-86.925446	55938.52	56242.2	7.78	55946.30	55948.97656	55876.74231	55875.00000	505471.7	5408469.3
L5470.0	505471.7	5408469.3	15174.00000	314.52	62.76	48.829178	-86.925446	55939.62	56242.2	7.78	55947.40	55949.98438	55878.66530	55876.86328	505471.7	5408469.3
L5470.0	505471.7	5408467.8	15174.09961	314.88	62.76	48.829165	-86.925446	55940.78	56242.2	7.78	55948.55	55951.04688	55880.11237	55878.25000	505471.7	5408467.8
L5470.0	505471.7	5408465.9	15174.20020	313.83	62.76	48.829148	-86.925446	55942.04	56242.2	7.77	55949.81	55952.21484	55882.46239	55880.53906	505471.7	5408465.9
L5470.0	505471.7	5408464.5	15174.29981	313.68	61.36	48.829135	-86.925447	55943.33	56242.2	7.76	55951.10	55953.41797	55883.98677	55882.00000	505471.7	5408464.5
L5470.0	505471.7	5408464.5	15174.40039	314.20	60.47	48.829135	-86.925447	55944.75	56242.2	7.76	55952.51	55954.73828	55886.73314	55884.68359	505471.7	5408464.5
L5470.0	505471.7	5408463.1	15174.50000	313.40	62.24	48.829122	-86.925447	55946.21	56242.2	7.75	55953.97	55956.10547	55889.20101	55887.08594	505471.7	5408463.1
L5470.0	505471.6	5408461.7	15174.59961	313.30	62.24	48.829110	-86.925447	55947.68	56242.3	7.75	55955.43	55957.47656	55890.33957	55888.16406	505471.6	5408461.7
L5470.0	505471.6	5408461.7	15174.70020	314.74	62.56	48.829110	-86.925447	55949.22	56242.3	7.75	55956.97	55958.92578	55891.97939	55889.73828	505471.6	5408461.7
L5470.0	505471.7	5408458.4	15174.79981	314.86	62.56	48.829080	-86.925447	55950.96	56242.3	7.74	55958.71	55960.57813	55896.82287	55894.51953	505471.7	5408458.4
L5470.0	505471.7	5408458.4	15174.90039	315.60	64.39	48.829080	-86.925447	55952.71	56242.3	7.74	55960.45	55962.22656	55900.50547	55898.13672	505471.7	5408458.4
L5470.0	505471.6	5408456.9	15175.00000	314.06	64.39	48.829067	-86.925447	55954.56	56242.3	7.73	55962.29	55963.98047	55905.29462	55902.86328	505471.6	5408456.9
L5470.0	505471.6	5408456.9	15175.00000	314.06	64.65	48.829067	-86.925447	55956.41	56242.3	7.73	55964.14	55965.73828	55909.26689	55906.77344	505471.6	5408456.9
L5470.0	505471.6	5408455.2	15175.20020	313.48	61.46	48.829052	-86.925447	55958.31	56242.3	7.74	55966.04	55967.55078	55913.36663	55910.80859	505471.6	5408455.2
L5470.0	505471.6	5408453.1	15175.29981	313.09	61.46	48.829032	-86.925447	55960.23	56242.3	7.74	55967.97	55969.39063	55917.22127	55914.60156	505471.6	5408453.1

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5470.0	505471.6	5408453.1	15175.40039	314.56	64.57	48.829032	-86.925447	55962.25	56242.3	7.75	55970.00	55971.33203	55922.42163	55919.73438	505471.6	5408453.1
L5470.0	505471.6	5408451.6	15175.50000	313.86	63.07	48.829019	-86.925447	55964.27	56242.3	7.75	55972.02	55973.26563	55926.61372	55923.86328	505471.6	5408451.6
L5470.0	505471.6	5408450.2	15175.59961	314.96	63.07	48.829006	-86.925447	55966.22	56242.2	7.75	55973.98	55975.13672	55928.76634	55925.95313	505471.6	5408450.2
L5470.0	505471.6	5408448.7	15175.70020	317.99	65.22	48.828993	-86.925447	55968.27	56242.2	7.76	55976.03	55977.10156	55932.21400	55929.33984	505471.6	5408448.7
L5470.0	505471.6	5408447.0	15175.79981	316.23	65.22	48.828978	-86.925447	55970.37	56242.2	7.76	55978.13	55979.11328	55936.13820	55933.20313	505471.6	5408447.0
L5470.0	505471.6	5408445.6	15175.90039	315.26	65.4	48.828965	-86.925447	55972.49	56242.2	7.77	55980.26	55981.15625	55940.15681	55937.15625	505471.6	5408445.6
L5470.0	505471.6	5408445.6	15176.00000	315.79	63.12	48.828965	-86.925447	55974.59	56242.2	7.77	55982.36	55983.17188	55943.02127	55939.96094	505471.6	5408445.6
L5470.0	505471.6	5408444.2	15176.09961	314.39	63.12	48.828952	-86.925447	55976.79	56242.2	7.77	55984.56	55985.28516	55947.62013	55944.50000	505471.6	5408444.2
L5470.0	505471.6	5408442.9	15176.20020	314.90	66.28	48.828941	-86.925447	55978.92	56242.2	7.77	55986.69	55987.33203	55950.30500	55947.12500	505471.6	5408442.9
L5470.0	505471.6	5408441.2	15176.29981	313.37	64.94	48.828926	-86.925448	55981.10	56242.2	7.77	55988.86	55989.41797	55953.52513	55950.28516	505471.6	5408441.2
L5470.0	505471.6	5408441.2	15176.40039	312.84	64.94	48.828926	-86.925448	55983.22	56242.2	7.77	55990.98	55991.45313	55955.36686	55952.06641	505471.6	5408441.2
L5470.0	505471.6	5408439.4	15176.50000	313.87	60	48.828909	-86.925448	55985.45	56242.2	7.76	55993.21	55993.60156	55959.37739	55956.01953	505471.6	5408439.4
L5470.0	505471.6	5408437.7	15176.59961	312.77	60	48.828894	-86.925448	55987.57	56242.2	7.76	55995.33	55995.63672	55960.78963	55957.37500	505471.6	5408437.7
L5470.0	505471.6	5408436.6	15176.70020	312.66	57.47	48.828884	-86.925448	55989.90	56242.2	7.76	55997.66	55997.88672	55966.66973	55963.19922	505471.6	5408436.6
L5470.0	505471.6	5408436.6	15176.79981	313.31	57.47	48.828884	-86.925448	55992.18	56242.2	7.76	55999.94	56000.08594	55971.36230	55967.83594	505471.6	5408436.6
L5470.0	505471.5	5408434.5	15176.90039	312.39	68.86	48.828865	-86.925448	55994.38	56242.2	7.76	56002.14	56002.20703	55974.24103	55970.66016	505471.5	5408434.5
L5470.0	505471.5	5408433.3	15177.00000	314.82	68.86	48.828854	-86.925449	55996.52	56242.2	7.76	56004.28	56004.26563	55975.77751	55972.14453	505471.5	5408433.3
L5470.0	505471.5	5408431.9	15177.00000	314.82	68.39	48.828841	-86.925449	55998.81	56242.2	7.76	56006.57	56006.48047	55980.65286	55976.96875	505471.5	5408431.9
L5470.0	505471.5	5408431.9	15177.20020	315.40	65.93	48.828841	-86.925449	56000.97	56242.2	7.76	56008.74	56008.57031	55982.92301	55979.18750	505471.5	5408431.9
L5470.0	505471.5	5408430.7	15177.29981	315.84	65.93	48.828831	-86.925449	56003.25	56242.2	7.76	56011.02	56010.77734	55987.72251	55983.93750	505471.5	5408430.7
L5470.0	505471.5	5408428.7	15177.40039	316.05	67.8	48.828813	-86.925449	56005.38	56242.2	7.76	56013.14	56012.82031	55989.07356	55985.23828	505471.5	5408428.7
L5470.0	505471.5	5408425.9	15177.50000	315.17	67.8	48.828787	-86.925450	56007.58	56242.2	7.76	56015.34	56014.94531	55992.34837	55988.46484	505471.5	5408425.9
L5470.0	505471.5	5408425.9	15177.59961	314.67	67.8	48.828787	-86.925450	56009.70	56242.2	7.77	56017.47	56017.00391	55994.22365	55990.29688	505471.5	5408425.9
L5470.0	505471.5	5408425.9	15177.70020	314.00	64.61	48.828787	-86.925450	56011.90	56242.2	7.77	56019.67	56019.13281	55997.86733	55993.89453	505471.5	5408425.9
L5470.0	505471.4	5408424.1	15177.79981	316.50	65.19	48.828772	-86.925450	56014.06	56242.2	7.77	56021.82	56021.21094	56000.61078	55996.59375	505471.4	5408424.1
L5470.0	505471.4	5408422.2	15177.90039	315.13	65.19	48.828755	-86.925451	56016.28	56242.2	7.77	56024.05	56023.37109	56005.42302	56001.36719	505471.4	5408422.2
L5470.0	505471.4	5408422.2	15178.00000	313.80	66.8	48.828755	-86.925451	56018.33	56242.2	7.77	56026.10	56025.35156	56006.42778	56002.32813	505471.4	5408422.2
L5470.0	505471.4	5408420.5	15178.09961	314.06	66.8	48.828739	-86.925451	56020.50	56242.2	7.77	56028.28	56027.46484	56010.69995	56006.56250	505471.4	5408420.5
L5470.0	505471.4	5408419.1	15178.20020	312.66	58.02	48.828727	-86.925451	56022.61	56242.2	7.77	56030.38	56029.50000	56013.47428	56009.30078	505471.4	5408419.1
L5470.0	505471.3	5408417.7	15178.29981	312.16	58.02	48.828714	-86.925451	56024.68	56242.2	7.78	56032.46	56031.51563	56016.14032	56011.92969	505471.3	5408417.7
L5470.0	505471.3	5408416.2	15178.40039	313.21	67	48.828700	-86.925452	56026.75	56242.2	7.78	56034.53	56033.52344	56018.94709	56014.70313	505471.3	5408416.2
L5470.0	505471.3	5408416.2	15178.50000	311.83	67	48.828700	-86.925452	56028.83	56242.2	7.78	56036.61	56035.53906	56022.37710	56018.09766	505471.3	5408416.2
L5470.0	505471.3	5408414.8	15178.59961	314.58	59.27	48.828688	-86.925452	56030.85	56242.2	7.78	56038.63	56037.50000	56024.82040	56020.51172	505471.3	5408414.8
L5470.0	505471.3	5408413.1	15178.70020	314.42	59.12	48.828673	-86.925452	56032.80	56242.2	7.78	56040.58	56039.39063	56026.05143	56021.71094	505471.3	5408413.1
L5470.0	505471.3	5408411.7	15178.79981	316.99	59.12	48.828660	-86.925452	56034.88	56242.2	7.79	56042.66	56041.41016	56030.75075	56026.38281	505471.3	5408411.7
L5470.0	505471.3	5408411.7	15178.90039	317.01	64.71	48.828660	-86.925452	56036.89	56242.2	7.79	56044.68	56043.37500	56034.50036	56030.10547	505471.3	5408411.7
L5470.0	505471.3	5408410.2	15179.00000	316.64	64.71	48.828647	-86.925452	56038.79	56242.2	7.79	56046.58	56045.21875	56035.90564	56031.48828	505471.3	5408410.2
L5470.0	505471.3	5408410.2	15179.00000	316.64	68.56	48.828647	-86.925452	56040.72	56242.2	7.79	56048.51	56047.09766	56038.48544	56034.04297	505471.3	5408410.2
L5470.0	505471.3	5408408.6	15179.20020	319.08	66.11	48.828632	-86.925452	56042.56	56242.2	7.80	56050.36	56048.89453	56039.67932	56035.21875	505471.3	5408408.6
L5470.0	505471.3	5408407.0	15179.29981	316.65	66.11	48.828617	-86.925452	56044.46	56242.2	7.80	56052.26	56050.74219	56042.53713	56038.05469	505471.3	5408407.0
L5470.0	505471.3	5408405.3	15179.40039	315.96	64.76	48.828602	-86.925453	56046.31	56242.2	7.80	56054.11	56052.54297	56044.73173	56040.23438	505471.3	5408405.3
L5470.0	505471.2	5408403.8	15179.50000	314.48	64.76	48.828589	-86.925453	56048.15	56242.2	7.81	56055.96	56054.34766	56047.43839	56042.92188	505471.2	5408403.8
L5470.0	505471.2	5408403.8	15179.59961	315.16	64.12	48.828589	-86.925453	56049.97	56242.2	7.81	56057.78	56056.12109	56049.96559	56045.43750	505471.2	5408403.8
L5470.0	505471.2	5408402.1	15179.70020	316.06	64.12	48.828574	-86.925453	56051.74	56242.2	7.81	56059.55	56057.84375	56051.86038	56047.31641	505471.2	5408402.1
L5470.0	505471.2	5408402.1	15179.79981	313.35	66.59	48.828574	-86.925453	56053.41	56242.2	7.81	56061.22	56059.47266	56051.98891	56047.43750	505471.2	5408402.1
L5470.0	505471.2	5408400.3	15179.90039	315.63	67.08	48.828558	-86.925453	56055.21	56242.2	7.82	56063.03	56061.24219	56055.86982	56051.30859	505471.2	5408400.3
L5470.0	505471.2	5408398.6	15180.00000	315.60	68.2	48.828543	-86.925454	56056.93	56242.2	7.82	56064.75	56062.92188	56058.22170	56053.65234	505471.2	5408398.6
L5470.0	505471.2	5408397.2	15180.09961	314.25	68.2	48.828530	-86.925454	56058.68	56242.2	7.82	56066.50	56064.63281	56061.78345	56057.20703	505471.2	5408397.2
L5470.0	505471.2	5408396.0	15180.20020	315.23	67.86	48.828519	-86.925454	56060.32	56242.2	7.82	56068.14	56066.23438	56063.39399	56058.81641	505471.2	5408396.0
L5470.0	505471.2	5408396.0	15180.29981	314.44	67.86	48.828519	-86.925454	56062.01	56242.2	7.82	56069.84	56067.89844	56066.88243	56062.30078	505471.2	5408396.0
L5470.0	505471.2	5408393.4	15180.40039	314.04	66.58	48.828495	-86.925454	56063.56	56242.2	7.82	56071.38	56069.40625	56067.34409	56062.76172	505471.2	5408393.4
L5470.0	505471.2	5408393.4	15180.50000	313.50	65	48.828495	-86.925454	56065.22	56242.2	7.82	56073.05	56071.04297	56071.21999	56066.64063	505471.2	5408393.4
L5470.0	505471.2	5408391.5	15180.59961	312.95	65	48.828478	-86.925454	56066.64	56242.2	7.83	56074.47	56072.43359	56070.13598	56065.55859	505471.2	5408391.5
L5470.0	505471.2	5408390.3	15180.70020	312.98	64.81	48.828467	-86.925453	56068.21	56242.2	7.83	56076.04	56073.97266	56072.88355	56068.31250	505471.2	5408390.3
L5470.0	505471.2	5408390.3	15180.79981	313.34	68.58	48.828467	-86.925453	56069.68	56242.2	7.83	56077.51	56075.41406	56073.98642	56069.42188	505471.2	5408390.3
L5470.0	505471.2	5408387.6	15180.90039	313.69	68.58	48.828444	-86.925453	56071.22	56242.2	7.83	56079.05	56076.92969	56077.14328	56072.58594	505471.2	5408387.6
L5470.0	505471.2	5408387.6	15181.00000	313.71	66.75	48.828444	-86.925453	56072.68	56242.2	7.83	56080.51	56078.36328	56079.09980	56074.55078	505471.2	5408387.6
L5470.0	505471.3	5408386.0	15181.00000	313.71	68.28	48.828429	-86.925453	56074.04	56242.2	7.83	56081.87	56079.70313	56079.43180	56074.89453	505471.3	5408386.0
L5470.0	505471.3	5408384.5	15181.20020	314.22	68.28	48.828415	-86.925453	56075.41	56242.2	7.83	56083.25	56081.05859	56080.73111	56076.20703	505471.3	5408384.5
L5470.0	505471.3	5408384.5	15181.29981	314.12	63.49	48.828415	-86.925453	56076.84	56242.2	7.84	56084.67	56082.46094	56083.42871	56078.91797	505471.3	5408384.5
L5470.0	505471.3	5408382.6	15181.40039	311.84	63.49	48.828399	-86.925453	56078.18	56242.2	7.84	56086.02	56083.79297	56085.14836	56080.65234	505471.3	5408382.6
L5470.0	505471.3	5408381.5	15181.50000	312.16	71.76	48.828388	-86.925453	56079.49	56242.2	7.84	56087.33	56085.08594	56086.53489	56082.05859	505471.3	5408381.5
L5470.0	505471.3	5408380.3	15181.59961	311.22	68.43	48.828377	-86.925452	56080.76	56242.2	7.84	56088.60	56086.33984	56087.58328	56083.12500	505471.3	5408380.3
L5470.0	505471.3	5408378.7	15181.70020	313.24	68.43	48.828363	-86.925452	56082.04	56242.2	7.84	56089.89	56087.61328	56089.59810	56085.16016	505471.3	5408378.7
L5470.0	505471.3	5408377.3	15181.79981	314.31	69.56	48.828351	-86.925452	56083.24	56242.2	7.85	56091.08	56088.79297	56089.95365	56085.53906	505471.3	5408377.3
L5470.0	505471.3	5408377.3	15181.90039	313.80	64.8	48.828351	-86.925452	56084.42	56242.2	7.85	56092.27	56089.96875	56090.82861	56086.43750	505471.3	5408377.3
L5470.0	505471.4	5408374.7	15182.00000	314.14	64.8	48.828328	-86.925452	56085.54	56242.2	7.85	56093.39	56091.07813	56090.67184	56086.30469	505471.4	5408374.7
L5470.0	505471.4	5408374.7	15182.09961	314.68	67.24	48.828328	-86.925452	56086.67	56242.2	7.85	56094.52	56092.20313	56091.24568	56086.90625	505471.4	5408374.7
L5470.0	505471.4	5408373.3	15182.20020	314.37	68.19	48.828315	-86.925452	56087.84	56242.2	7.85	56095.69	56093.36328	56093.23397	56088.92188	505471.4	5408373.3
L5470.0	505471.4	5408371.2	15182.29981	314.75	68.19	48.828295	-86.925451	56088.90	56242.2	7.85	56096.75	56094.41797	56093.25937	56088.97656	505471.4	5408371.2
L5470.0	505471.4	5408371.2	15182.40039	313.91	69.47	48.828295	-86.925451	56090.04	56242.2	7.85	56097.89	56095.55469	56095.61723	56091.36328	505471.4	5408371.2
L5470.0	505471.4	5408368.6	15182.50000	314.93	69.47	48.828272	-86.925451	56091.10	56242.2	7.85	56098.95	56096.60938	56096.66704	56092.44531	505471.4	5408368.6
L5470.0	505471.4	5408368.6	15182.59961	317.00	72.1	48.828272	-86.925451	56092.24	56242.2	7.84	56100.09	56097.74609	56100.10261	56095.91406	505471.4	5408368.6
L5470.0	505471.4	5408367.1	15182.70020	315.75	72.1	48.828259	-86.925451	56093.25	56242.2	7.84	56101.09	56098.74609	56100.79950	56096.64453	505471.4	5408367.1
L5470.0	505471.5	5408365.9	15182.79981	315.28	69.97	48.828249	-86.925451	56094.21	56242.2	7.84	56102.06	56099.71484	56101.28739	56097.16797	505471.5	5408365.9
L5470.0	505471.5	5408365.9	15182.90039	315.63	68.04	48.828249	-86.925451	56095.15	56242.2	7.84	56102.99	56100.64844	56101.30920	56097.22656	505471.5	5408365.9
L5470.0	505471.5	5408364.3	15183.00000	316.13	68.04	48.828234	-86.925450	56096.16	56242.2	7.84	56104.00	56101.66016	56103.77918	56099.73438	505471.5	5408364.3
L5470.0	505471.5	5408361.5	15183.00000	316.13	71.95	48.828208	-86.925450	56097.15	56242.2	7.84	56104.99	56102.65234	56106.30005	56102.29297	505471.5	5408361.5
L5470.0	505471.5	5408361.5	15183.20020	315.51	71.95	48.828208	-86.925450	56097.98	56242.2	7.84	56105.82	56103.48828	56105.35506	56101.38672	505471.5	5408361.5
L5470.0	505471.5	5408360.1	15183.29981	315.60	68.83	48.828196	-86.925450	56098.82	56242.2	7.85	56106.66	56104.33203	56105.12845	56101.20313	505471.5	5408360.1
L5470.0	505471.5	5408360.1	15183.40039	317.52	67.8	48.828196	-86.925450	56099.60	56242.2	7.85	56107.45	56105.12891	56104.11019	56100.22656	505471.5	5408360.1
L5470.0	505471.6	5408357.2	15183.50000	316.78	67.8	48.828170	-86.925449	56100.52	56242.2	7.85	56108.37	56106.05859	56106.89005	56103.04688	505471.6	5408357.2
L5470.0	505471.6	5408357.2	15183.59961	317.42	67.98	48.828170	-86.925449	56101.30	56242.1	7.85	56109.15	56106.84766	56106.57421	56102.77344	505471.6	5408357.2
L5470.0	505471.6	5408355.8	15183.70020	319.55	67.98	48.828158	-86.925449	56102.13	56242.1	7.85	56109.98	56107.68750	56108.01348	56104.25781	505471.6	5408355.8
L5470.0	505471.6	5408354.4	15183.79981	319.12	69.9	48.828144	-86.925449	56102.86	56242.1	7.86	56110.72	56108.43750	56107.59624	56103.88672	505471.6	5408354.4
L5470.0	505471.6	5408353.0	15183.90039	318.81	69	48.828132	-86.925449	56103.57	56242.1	7.86	56111.43	56109.15625	56109.33726	56105.67578	505471.6	5408353.0
L5470.0	505471.6	5408353.0	15184.00000	321.36	69	48.828132	-86.925449	56104.31	56242.1	7.86	56112.17	56109.91016	56109.77979	56106.16406	505471.6	5408353.0
L5470.0	505471.6	5408351.6	15184.09961	320.22	71.03	48.828120	-86.925449	56105.02	56242.1	7.86	56112.88	56110.63281	56109.99072	56106.42188	505471.6	5408351.6
L5470.0	505471.6	5408350.2	15184.20020	319.98	71.03	48.828107	-86.925449	56105.70	56242.1	7.87	56113.57	56111.33594	56110.13003	56106.60938	505471.6	5408350.2
L5470.0	505471.6	5408348.8	15184.29981	319.95	67.37	48.828094	-86.925449	56106.42	56242.1	7.87	56114.29	56112.07031	56111.02575	56107.55469	505471.6	5408348.8
L5470.0	505471.6	5408347.1	15184.40039	318.93	68.61	48.828079	-86.925449	56107.14	56242.1	7.88	56115.02	56112.81250	56110.58809	56107.16797	505471.6	5408347.1
L5470.0	505471.6	5408346.0	15184.50000	317.92	68.61	48.828069	-86.925449	56107.79	56242.1	7.88	56115.67	56113.48047	56110.78009	56107.41016	505471.6	5408346.0
L5470.0	505471.6	5408346.0	15184.59961	315.93	68.11	48.828069	-86.925449	56108.40	56242.1	7.88	56116.29	56114.11328	56110.57267	56107.25391	505471.6	5408346.0

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5470.0	505471.6	5408344.5	15184.70020	314.06	68.11	48.828055	-86.925449	56109.14	56242.1	7.89	56117.03	56114.87109	56113.80657	56110.53906	505471.6	5408344.5
L5470.0	505471.6	5408343.1	15184.79981	312.92	67.25	48.828043	-86.925449	56109.75	56242.1	7.89	56117.64	56115.50000	56114.04249	56110.82813	505471.6	5408343.1
L5470.0	505471.6	5408341.7	15184.90039	313.37	66.31	48.828031	-86.925449	56110.38	56242.1	7.90	56118.27	56116.14453	56115.11999	56111.95703	505471.6	5408341.7
L5470.0	505471.6	5408340.1	15185.00000	315.86	66.31	48.828016	-86.925449	56110.93	56242.1	7.90	56118.83	56116.72266	56114.72994	56111.62109	505471.6	5408340.1
L5470.0	505471.6	5408340.1	15185.00000	315.86	67.62	48.828016	-86.925449	56111.54	56242.1	7.90	56119.44	56117.35156	56115.91402	56112.85938	505471.6	5408340.1
L5470.0	505471.6	5408338.4	15185.20020	317.26	67.3	48.828001	-86.925449	56112.05	56242.1	7.90	56119.94	56117.87109	56114.60515	56111.60156	505471.6	5408338.4
L5470.0	505471.6	5408337.2	15185.29981	317.43	67.3	48.827990	-86.925448	56112.50	56242.1	7.89	56120.40	56118.34766	56112.57725	56109.62891	505471.6	5408337.2
L5470.0	505471.7	5408335.8	15185.40039	317.98	69.06	48.827977	-86.925448	56113.06	56242.1	7.89	56120.95	56118.91797	56113.07919	56110.18750	505471.7	5408335.8
L5470.0	505471.7	5408334.2	15185.50000	317.93	69.06	48.827963	-86.925448	56113.51	56242.1	7.89	56121.40	56119.38672	56111.32760	56108.49219	505471.7	5408334.2
L5470.0	505471.7	5408334.2	15185.59961	318.36	70.47	48.827963	-86.925448	56114.13	56242.1	7.89	56122.02	56120.02734	56114.04760	56111.26563	505471.7	5408334.2
L5470.0	505471.7	5408332.5	15185.70020	318.78	70.83	48.827948	-86.925448	56114.64	56242.1	7.89	56122.53	56120.55469	56114.23850	56111.51172	505471.7	5408332.5
L5470.0	505471.7	5408331.1	15185.79981	318.30	70.83	48.827935	-86.925447	56115.24	56242.1	7.88	56123.12	56121.16406	56116.61603	56113.94531	505471.7	5408331.1
L5470.0	505471.7	5408330.0	15185.90039	316.65	69.21	48.827925	-86.925447	56115.73	56242.1	7.88	56123.62	56121.68359	56116.94781	56114.33594	505471.7	5408330.0
L5470.0	505471.7	5408330.0	15186.00000	317.00	68.22	48.827925	-86.925447	56116.23	56242.1	7.88	56124.11	56122.19531	56117.21100	56114.65625	505471.7	5408330.0
L5470.0	505471.8	5408328.2	15186.09961	317.33	68.22	48.827909	-86.925447	56116.68	56242.1	7.88	56124.56	56122.66406	56116.65143	56114.15234	505471.8	5408328.2
L5470.0	505471.8	5408328.2	15186.20020	316.22	68.37	48.827909	-86.925447	56117.13	56242.1	7.89	56125.02	56123.14453	56116.50193	56114.06250	505471.8	5408328.2
L5470.0	505471.8	5408325.4	15186.29981	316.71	68.37	48.827883	-86.925447	56117.59	56242.1	7.89	56125.48	56123.62500	56116.50860	56114.12500	505471.8	5408325.4
L5470.0	505471.8	5408325.4	15186.40039	317.15	69.33	48.827883	-86.925447	56118.04	56242.1	7.90	56125.94	56124.10547	56116.66469	56114.33984	505471.8	5408325.4
L5470.0	505471.8	5408324.0	15186.50000	316.08	68.86	48.827871	-86.925446	56118.46	56242.1	7.90	56126.36	56124.54297	56115.97285	56113.70313	505471.8	5408324.0
L5470.0	505471.8	5408321.2	15186.59961	315.26	68.86	48.827846	-86.925446	56118.92	56242.1	7.90	56126.83	56125.03516	56116.63872	56114.42969	505471.8	5408321.2
L5470.0	505471.8	5408321.2	15186.70020	314.42	70.4	48.827846	-86.925446	56119.32	56242.1	7.91	56127.22	56125.44531	56115.45385	56113.30078	505471.8	5408321.2
L5470.0	505471.8	5408319.5	15186.79981	314.77	69.97	48.827831	-86.925446	56119.76	56242.1	7.91	56127.67	56125.91406	56115.84045	56113.74609	505471.8	5408319.5
L5470.0	505471.8	5408317.8	15186.90039	316.83	69.97	48.827816	-86.925446	56120.20	56242.1	7.92	56128.11	56126.37109	56116.06898	56114.03125	505471.8	5408317.8
L5470.0	505471.8	5408317.8	15187.00000	315.41	65.66	48.827816	-86.925446	56120.65	56242.1	7.92	56128.57	56126.85156	56116.85714	56114.87891	505471.8	5408317.8
L5470.0	505471.9	5408315.7	15187.00000	315.41	65.66	48.827796	-86.925446	56121.10	56242.1	7.92	56129.02	56127.32031	56117.46537	56115.54297	505471.9	5408315.7
L5470.0	505471.9	5408314.0	15187.20020	316.69	71.63	48.827781	-86.925446	56121.56	56242.1	7.93	56129.49	56127.80859	56118.61044	56116.74609	505471.9	5408314.0
L5470.0	505471.9	5408314.0	15187.29981	316.57	70.66	48.827781	-86.925446	56122.04	56242.1	7.93	56129.97	56128.30469	56120.04234	56118.23828	505471.9	5408314.0
L5470.0	505471.9	5408312.3	15187.40039	316.55	70.66	48.827766	-86.925446	56122.46	56242.1	7.94	56130.40	56128.75391	56120.30886	56118.56250	505471.9	5408312.3
L5470.0	505471.9	5408310.9	15187.50000	315.06	71.61	48.827753	-86.925446	56122.85	56242.1	7.94	56130.79	56129.16016	56119.64545	56117.95703	505471.9	5408310.9
L5470.0	505471.9	5408310.9	15187.59961	315.74	71.61	48.827753	-86.925446	56123.23	56242.1	7.94	56131.17	56129.55469	56118.76796	56117.13672	505471.9	5408310.9
L5470.0	505471.8	5408309.2	15187.70020	317.08	73.31	48.827738	-86.925446	56123.64	56242.1	7.95	56131.58	56129.98438	56118.63798	56117.06641	505471.8	5408309.2
L5470.0	505471.8	5408307.5	15187.79981	315.13	73.55	48.827723	-86.925446	56124.08	56242	7.95	56132.03	56130.44922	56119.49922	56117.98438	505471.8	5408307.5
L5470.0	505471.8	5408307.5	15187.90039	313.90	73.55	48.827723	-86.925446	56124.57	56242	7.96	56132.53	56130.96484	56121.60065	56120.14453	505471.8	5408307.5
L5470.0	505471.8	5408306.0	15188.00000	314.58	73.55	48.827709	-86.925446	56124.96	56242	7.96	56132.92	56131.36719	56121.04275	56119.64063	505471.8	5408306.0
L5470.0	505471.8	5408304.4	15188.09961	314.58	74.78	48.827695	-86.925446	56125.38	56242	7.96	56133.34	56131.80469	56121.23043	56119.88672	505471.8	5408304.4
L5470.0	505471.8	5408304.4	15188.20020	316.89	72.58	48.827695	-86.925446	56125.70	56242	7.96	56133.67	56132.14844	56119.22143	56117.93750	505471.8	5408304.4
L5470.0	505471.8	5408302.7	15188.29981	315.90	72.58	48.827679	-86.925447	56126.16	56242	7.96	56134.13	56132.62109	56120.41432	56119.18750	505471.8	5408302.7
L5470.0	505471.8	5408301.2	15188.40039	316.81	74	48.827666	-86.925447	56126.64	56242	7.96	56134.61	56133.11328	56122.11652	56120.94531	505471.8	5408301.2
L5470.0	505471.8	5408299.7	15188.50000	317.66	72.44	48.827653	-86.925447	56127.12	56242	7.97	56135.09	56133.60547	56123.83256	56122.71484	505471.8	5408299.7
L5470.0	505471.8	5408298.3	15188.59961	316.75	72.44	48.827640	-86.925447	56127.51	56242	7.97	56135.47	56133.99609	56123.08851	56122.02734	505471.8	5408298.3
L5470.0	505471.8	5408298.3	15188.70020	316.90	73.78	48.827640	-86.925447	56127.86	56242	7.97	56135.82	56134.35547	56121.60892	56120.60547	505471.8	5408298.3
L5470.0	505471.7	5408296.4	15188.79981	316.38	73.97	48.827623	-86.925448	56128.31	56242	7.97	56136.28	56134.82813	56122.85165	56121.90625	505471.7	5408296.4
L5470.0	505471.7	5408295.2	15188.90039	316.42	73.97	48.827612	-86.925448	56128.69	56242	7.97	56136.66	56135.21875	56122.12266	56121.23047	505471.7	5408295.2
L5470.0	505471.7	5408293.8	15189.00000	318.95	73.36	48.827599	-86.925448	56129.18	56242	7.97	56137.15	56135.71484	56124.10933	56123.27344	505471.7	5408293.8
L5470.0	505471.7	5408293.8	15189.00000	318.95	73.36	48.827599	-86.925448	56129.58	56242	7.97	56137.55	56136.12500	56123.87692	56123.09375	505471.7	5408293.8
L5470.0	505471.7	5408291.9	15189.20020	318.86	73.36	48.827582	-86.925449	56130.00	56242	7.97	56137.97	56136.55078	56124.13749	56123.41016	505471.7	5408291.9
L5470.0	505471.7	5408290.2	15189.29981	319.15	75.22	48.827567	-86.925449	56130.36	56242	7.97	56138.33	56136.91797	56122.92666	56122.25391	505471.7	5408290.2
L5470.0	505471.7	5408290.2	15189.40039	317.56	76.06	48.827567	-86.925449	56130.85	56242	7.97	56138.82	56137.41406	56124.90523	56124.28516	505471.7	5408290.2
L5470.0	505471.7	5408288.5	15189.50000	315.19	76.06	48.827551	-86.925449	56131.32	56242	7.98	56139.30	56137.90234	56126.63486	56126.07031	505471.7	5408288.5
L5470.0	505471.6	5408286.7	15189.59961	316.10	73.44	48.827536	-86.925449	56131.78	56242	7.98	56139.75	56138.35547	56127.63103	56127.12109	505471.6	5408286.7
L5470.0	505471.6	5408285.3	15189.70020	315.05	71.65	48.827523	-86.925449	56132.20	56242	7.98	56140.18	56138.78906	56128.14322	56127.68359	505471.6	5408285.3
L5470.0	505471.6	5408283.8	15189.79981	315.08	71.65	48.827509	-86.925449	56132.62	56242	7.98	56140.60	56139.21484	56128.41902	56128.01172	505471.6	5408283.8
L5470.0	505471.6	5408283.8	15189.90039	315.77	75.94	48.827509	-86.925449	56132.98	56242	7.98	56140.96	56139.57813	56127.25640	56126.90234	505471.6	5408283.8
L5470.0	505471.6	5408281.9	15190.00000	314.39	75.94	48.827493	-86.925449	56133.38	56242	7.98	56141.36	56139.97656	56127.07463	56126.76953	505471.6	5408281.9
L5470.0	505471.6	5408281.9	15190.09961	316.24	75.94	48.827493	-86.925449	56133.70	56242	7.98	56141.68	56140.30078	56124.99190	56124.73828	505471.6	5408281.9
L5470.0	505471.6	5408279.1	15190.20020	316.34	71.6	48.827467	-86.925449	56134.16	56242	7.99	56142.14	56140.76172	56126.27844	56126.07813	505471.6	5408279.1
L5470.0	505471.6	5408279.1	15190.29981	314.90	75.94	48.827467	-86.925449	56134.64	56242	7.99	56142.63	56141.25000	56128.28534	56128.13281	505471.6	5408279.1
L5470.0	505471.6	5408277.6	15190.40039	315.29	75.94	48.827454	-86.925449	56135.07	56242	7.99	56143.06	56141.67969	56128.87517	56128.77344	505471.6	5408277.6
L5470.0	505471.6	5408276.2	15190.50000	315.82	77.73	48.827441	-86.925449	56135.62	56242	8.00	56143.62	56142.23828	56132.55691	56132.50391	505471.6	5408276.2
L5470.0	505471.6	5408276.2	15190.59961	317.32	73.15	48.827441	-86.925449	56136.01	56242	8.00	56144.01	56142.62500	56132.23374	56132.23047	505471.6	5408276.2
L5470.0	505471.7	5408274.3	15190.70020	315.17	73.15	48.827424	-86.925449	56136.48	56242	8.00	56144.48	56143.09375	56133.82282	56133.86719	505471.7	5408274.3
L5470.0	505471.7	5408273.1	15190.79981	315.30	73.59	48.827413	-86.925449	56136.91	56242	8.00	56144.91	56143.51953	56134.49713	56134.58984	505471.7	5408273.1
L5470.0	505471.7	5408272.0	15190.90039	316.55	73.59	48.827403	-86.925449	56137.26	56242	8.01	56145.27	56143.87500	56133.56126	56133.69922	505471.7	5408272.0
L5470.0	505471.7	5408272.0	15191.00000	317.10	77.49	48.827403	-86.925449	56137.62	56242	8.01	56145.63	56144.23047	56132.66678	56132.85156	505471.7	5408272.0
L5470.0	505471.7	5408269.1	15191.00000	317.10	77.49	48.827377	-86.925448	56138.00	56242	8.01	56146.01	56144.60547	56132.28641	56132.51563	505471.7	5408269.1
L5470.0	505471.7	5408269.1	15191.20020	315.91	76.24	48.827377	-86.925448	56138.38	56242	8.02	56146.39	56144.97656	56131.95523	56132.23047	505471.7	5408269.1
L5470.0	505471.7	5408267.4	15191.29981	316.51	76.24	48.827362	-86.925448	56138.71	56242	8.02	56146.73	56145.31250	56130.74155	56131.05859	505471.7	5408267.4
L5470.0	505471.7	5408265.9	15191.40039	314.76	77	48.827349	-86.925448	56139.21	56242	8.02	56147.23	56145.80469	56133.33195	56133.69141	505471.7	5408265.9
L5470.0	505471.7	5408265.9	15191.50000	313.70	79.79	48.827349	-86.925448	56139.62	56242	8.03	56147.65	56146.21484	56134.11139	56134.51172	505471.7	5408265.9
L5470.0	505471.8	5408264.0	15191.59961	313.81	79.79	48.827331	-86.925448	56140.15	56242	8.03	56148.18	56146.73438	56137.52636	56137.96875	505471.8	5408264.0
L5470.0	505471.8	5408262.7	15191.70020	313.80	80.43	48.827320	-86.925448	56140.45	56242	8.03	56148.48	56147.02734	56135.63765	56136.12109	505471.8	5408262.7
L5470.0	505471.8	5408260.9	15191.79981	314.99	80.43	48.827304	-86.925447	56140.88	56242	8.03	56148.92	56147.45703	56137.09096	56137.61719	505471.8	5408260.9
L5470.0	505471.8	5408259.8	15191.90039	314.83	80.91	48.827293	-86.925447	56141.26	56242	8.04	56149.30	56147.82422	56137.22064	56137.78516	505471.8	5408259.8
L5470.0	505471.8	5408257.8	15192.00000	316.03	80.91	48.827276	-86.925447	56141.70	56242	8.04	56149.74	56148.25391	56138.82533	56139.42578	505471.8	5408257.8
L5470.0	505471.8	5408257.8	15192.09961	316.59	81.17	48.827276	-86.925447	56141.96	56242	8.04	56150.01	56148.51172	56136.55789	56137.19531	505471.8	5408257.8
L5470.0	505471.8	5408256.6	15192.20020	316.70	81.17	48.827265	-86.925447	56142.38	56242	8.04	56150.42	56148.90625	56137.62810	56138.30469	505471.8	5408256.6
L5470.0	505471.8	5408255.1	15192.29981	316.35	81.44	48.827251	-86.925447	56142.66	56242	8.04	56150.70	56149.17578	56135.76824	56136.48047	505471.8	5408255.1
L5470.0	505471.8	5408255.1	15192.40039	315.94	81.44	48.827251	-86.925447	56143.16	56242	8.04	56151.20	56149.66016	56139.09277	56139.83594	505471.8	5408255.1
L5470.0	505471.8	5408253.4	15192.50000	316.48	77.87	48.827236	-86.925447	56143.49	56242	8.05	56151.53	56149.97656	56138.56783	56139.34375	505471.8	5408253.4
L5470.0	505471.8	5408252.0	15192.59961	314.26	76.56	48.827223	-86.925447	56144.00	56242	8.05	56152.04	56150.46875	56142.29034	56143.10156	505471.8	5408252.0
L5470.0	505471.8	5408250.3	15192.70020	313.49	76.56	48.827208	-86.925447	56144.32	56242	8.05	56152.37	56150.78516	56141.94378	56142.78516	505471.8	5408250.3
L5470.0	505471.8	5408250.3	15192.79981	313.79	79.15	48.827208	-86.925447	56144.80	56242	8.05	56152.85	56151.25000	56145.14314	56146.01563	505471.8	5408250.3
L5470.0	505471.8	5408248.8	15192.90039	314.20	79.15	48.827195	-86.925447	56145.02	56242	8.05	56153.07	56151.45313	56142.44713	56143.34766	505471.8	5408248.8
L5470.0	505471.8	5408247.2	15193.00000	314.81	79.67	48.827180	-86.925447	56145.41	56241.9	8.05	56153.46	56151.82422	56143.75290	56144.67969	505471.8	5408247.2
L5470.0	505471.8	5408245.5	15193.00000	314.81	80.69	48.827165	-86.925447	56145.62	56241.9	8.05	56153.67	56152.01563	56141.01885	56141.97266	505471.8	5408245.5
L5470.0	505471.8	5408244.3	15193.20020	315.90	80.69	48.827154	-86.925447	56145.92	56241.9	8.05	56153.97	56152.30078	56140.44350	56141.42188	505471.8	5408244.3
L5470.0	505471.8	5408244.3	15193.29981	316.01	79.22	48.827154	-86.925447	56146.14	56241.9	8.06	56154.20	56152.51172	56138.35819	56139.36328	505471.8	5408244.3
L5470.0	505471.8	5408242.8	15193.40039	314.93	79.22	48.827141	-86.925447	56146.54	56241.9	8.06	56154.60	56152.89063	56140.24964	56141.27734	505471.8	5408242.8
L5470.0	505471.8	5408241.1	15193.50000	314.37	78.49	48.827125	-86.925448	56146.88	56241.9	8.06	56154.94	56153.21094	56140.85441	56141.90234	505471.8	5408241.1
L5470.0	505471.8	5408239.5	15193.59961	315.06	78.49	48.827111	-86.925448	56147.25	56241.9	8.06	56155.32	56153.57422	56142.45512	56143.52344	505471.8	5408239.5
L5470.0	505471.8	5408239.5	15193.70020	314.95	77.92	48.827111	-86.925448	56147.54	56241.9	8.06	56155.60	56153.83203	56141.86012	56142.94922	505471.8	5408239.5
L5470.0	505471.7	5408237.8	15193.79981	314.71	77.92	48.827096	-86.925448	56147.81	56241.9	8.07	56155.88	56154.08984	56141.34920	56142.45313	505471.7	5408237.8
L5470.0	505471.7	5408236.4	15193.90039	315.23	80.14	48.827083	-86.925449	56148.14	56241.9	8.07	56156.21	56154.40234	56142.05662	56143.17578	505471.7	5408236.4

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5470.0	505471.7	5408235.2	15194.00000	314.83	80.14	48.827072	-86.925449	56148.47	56241.9	8.07	56156.54	56154.71094	56142.84225	56143.97656	505471.7	5408235.2
L5470.0	505471.7	5408233.7	15194.09961	315.01	79.35	48.827059	-86.925449	56148.70	56241.9	8.07	56156.77	56154.91797	56141.43598	56142.58594	505471.7	5408233.7
L5470.0	505471.7	5408233.7	15194.20020	316.06	77.65	48.827059	-86.925449	56149.08	56241.9	8.08	56157.15	56155.27734	56143.50779	56144.66797	505471.7	5408233.7
L5470.0	505471.6	5408232.2	15194.29981	315.16	77.65	48.827046	-86.925450	56149.38	56241.9	8.08	56157.46	56155.56250	56144.06359	56145.23438	505471.6	5408232.2
L5470.0	505471.6	5408230.5	15194.40039	315.88	77.36	48.827030	-86.925450	56149.61	56241.9	8.08	56157.69	56155.76953	56142.87774	56144.05859	505471.6	5408230.5
L5470.0	505471.6	5408228.9	15194.50000	316.18	77.36	48.827015	-86.925450	56149.99	56241.9	8.08	56158.08	56156.13672	56145.38125	56146.56641	505471.6	5408228.9
L5470.0	505471.6	5408228.9	15194.59961	317.00	77.28	48.827015	-86.925450	56150.29	56241.9	8.09	56158.37	56156.40625	56145.68470	56146.87500	505471.6	5408228.9
L5470.0	505471.6	5408227.4	15194.70020	316.90	77.28	48.827002	-86.925451	56150.50	56241.9	8.09	56158.59	56156.60156	56144.46405	56145.66016	505471.6	5408227.4
L5470.0	505471.5	5408225.5	15194.79981	315.33	78.16	48.826985	-86.925451	56150.85	56241.9	8.09	56158.94	56156.92969	56146.24444	56147.44141	505471.5	5408225.5
L5470.0	505471.5	5408225.5	15194.90039	314.05	78.16	48.826985	-86.925451	56151.15	56241.9	8.10	56159.25	56157.21484	56147.17574	56148.37500	505471.5	5408225.5
L5470.0	505471.5	5408224.0	15195.00000	313.87	79.66	48.826972	-86.925452	56151.45	56241.9	8.10	56159.55	56157.49219	56147.93572	56149.13281	505471.5	5408224.0
L5470.0	505471.5	5408222.6	15195.00000	313.87	79.66	48.826959	-86.925452	56151.71	56241.9	8.10	56159.81	56157.72656	56147.83850	56149.03125	505471.5	5408222.6
L5470.0	505471.5	5408221.2	15195.20020	314.89	78.42	48.826946	-86.925452	56151.89	56241.9	8.10	56159.99	56157.88281	56145.96224	56147.15234	505471.5	5408221.2
L5470.0	505471.4	5408219.7	15195.29981	314.74	78.42	48.826932	-86.925453	56152.20	56241.9	8.10	56160.29	56158.15625	56146.87015	56148.05469	505471.4	5408219.7
L5470.0	505471.4	5408218.0	15195.40039	312.76	81.05	48.826918	-86.925453	56152.43	56241.9	8.10	56160.53	56158.37500	56146.44909	56147.62500	505471.4	5408218.0
L5470.0	505471.4	5408218.0	15195.50000	312.31	81.05	48.826918	-86.925453	56152.63	56241.9	8.09	56160.72	56158.53906	56144.91397	56146.07813	505471.4	5408218.0
L5470.0	505471.4	5408216.1	15195.59961	313.11	83	48.826900	-86.925453	56152.89	56241.9	8.09	56160.99	56158.78516	56145.25962	56146.41406	505471.4	5408216.1
L5470.0	505471.4	5408216.1	15195.70020	313.00	81	48.826900	-86.925453	56153.08	56241.9	8.09	56161.17	56158.93750	56143.55341	56144.69141	505471.4	5408216.1
L5470.0	505471.4	5408214.7	15195.79981	314.14	81	48.826888	-86.925453	56153.38	56241.9	8.09	56161.47	56159.21484	56144.67116	56145.79297	505471.4	5408214.7
L5470.0	505471.4	5408213.0	15195.90039	315.83	81.12	48.826873	-86.925453	56153.66	56241.9	8.09	56161.75	56159.46875	56145.36379	56146.46875	505471.4	5408213.0
L5470.0	505471.4	5408211.6	15196.00000	315.86	84.8	48.826860	-86.925453	56153.84	56241.9	8.09	56161.93	56159.62109	56143.73884	56144.82422	505471.4	5408211.6
L5470.0	505471.4	5408210.2	15196.09961	315.63	84.8	48.826847	-86.925453	56154.11	56241.9	8.09	56162.20	56159.86719	56144.26074	56145.32422	505471.4	5408210.2
L5470.0	505471.4	5408210.2	15196.20020	316.39	84.66	48.826847	-86.925453	56154.41	56241.9	8.09	56162.51	56160.15234	56145.76768	56146.80859	505471.4	5408210.2
L5470.0	505471.4	5408208.5	15196.29981	316.59	84.66	48.826832	-86.925454	56154.77	56241.9	8.09	56162.86	56160.47656	56148.27030	56149.28516	505471.4	5408208.5
L5470.0	505471.4	5408206.8	15196.40039	316.03	82.71	48.826817	-86.925454	56154.91	56241.9	8.09	56163.01	56160.60156	56146.02453	56147.01563	505471.4	5408206.8
L5470.0	505471.4	5408205.4	15196.50000	317.49	82.71	48.826804	-86.925453	56155.15	56241.9	8.10	56163.25	56160.81641	56145.95042	56146.91016	505471.4	5408205.4
L5470.0	505471.4	5408205.4	15196.59961	318.61	87.73	48.826804	-86.925453	56155.40	56241.9	8.10	56163.50	56161.03906	56146.13994	56147.07031	505471.4	5408205.4
L5470.0	505471.4	5408204.0	15196.70020	318.08	84.39	48.826792	-86.925453	56155.72	56241.9	8.10	56163.82	56161.33203	56148.04767	56148.94141	505471.4	5408204.0
L5470.0	505471.4	5408202.6	15196.79981	317.96	84.39	48.826779	-86.925453	56155.86	56241.9	8.10	56163.96	56161.44922	56145.61297	56146.47266	505471.4	5408202.6
L5470.0	505471.4	5408200.6	15196.90039	317.33	86.37	48.826761	-86.925453	56156.18	56241.9	8.10	56164.28	56161.74219	56147.56616	56148.39063	505471.4	5408200.6
L5470.0	505471.4	5408200.6	15197.00000	316.52	86.37	48.826761	-86.925453	56156.38	56241.9	8.10	56164.48	56161.91406	56146.61691	56147.40234	505471.4	5408200.6
L5470.0	505471.4	5408199.2	15197.00000	316.52	84.17	48.826749	-86.925453	56156.65	56241.9	8.10	56164.75	56162.16016	56147.38769	56148.12891	505471.4	5408199.2
L5470.0	505471.5	5408197.8	15197.20020	316.54	87.13	48.826736	-86.925453	56156.84	56241.9	8.11	56164.95	56162.33203	56146.46398	56147.16406	505471.5	5408197.8
L5470.0	505471.5	5408196.4	15197.29981	314.61	86.42	48.826723	-86.925453	56157.10	56241.9	8.11	56165.21	56162.56641	56147.01240	56147.66406	505471.5	5408196.4
L5470.0	505471.5	5408196.4	15197.40039	315.23	86.42	48.826723	-86.925453	56157.32	56241.9	8.12	56165.44	56162.77344	56146.83598	56147.44141	505471.5	5408196.4
L5470.0	505471.5	5408194.7	15197.50000	316.67	86.42	48.826708	-86.925452	56157.64	56241.9	8.12	56165.76	56163.06641	56148.84930	56149.40625	505471.5	5408194.7
L5470.0	505471.5	5408192.8	15197.59961	316.18	84.45	48.826691	-86.925452	56157.78	56241.9	8.12	56165.90	56163.17969	56146.49287	56146.99609	505471.5	5408192.8
L5470.0	505471.5	5408191.9	15197.70020	317.18	84.45	48.826682	-86.925452	56158.06	56241.9	8.13	56166.19	56163.44531	56147.76645	56148.21484	505471.5	5408191.9
L5470.0	505471.5	5408190.4	15197.79981	316.64	87.46	48.826670	-86.925452	56158.19	56241.9	8.13	56166.32	56163.54688	56145.17235	56145.56641	505471.5	5408190.4
L5470.0	505471.5	5408189.0	15197.90039	316.66	85.75	48.826657	-86.925452	56158.48	56241.9	8.14	56166.61	56163.81250	56146.41659	56146.75000	505471.5	5408189.0
L5470.0	505471.5	5408189.0	15198.00000	317.09	85.44	48.826657	-86.925452	56158.70	56241.9	8.14	56166.83	56164.00391	56145.96196	56146.23828	505471.5	5408189.0
L5470.0	505471.5	5408187.3	15198.09961	315.54	85.44	48.826641	-86.925452	56159.02	56241.9	8.14	56167.16	56164.30859	56148.10334	56148.31641	505471.5	5408187.3
L5470.0	505471.6	5408185.6	15198.20020	315.25	84.7	48.826626	-86.925451	56159.22	56241.9	8.14	56167.36	56164.48438	56147.12171	56147.26953	505471.6	5408185.6
L5470.0	505471.6	5408185.6	15198.29981	315.56	84.7	48.826626	-86.925451	56159.57	56241.9	8.14	56167.71	56164.80469	56149.65561	56149.73438	505471.6	5408185.6
L5470.0	505471.6	5408184.4	15198.40039	314.69	86.11	48.826616	-86.925451	56159.76	56241.9	8.14	56167.90	56164.96875	56148.37580	56148.38672	505471.6	5408184.4
L5470.0	505471.6	5408183.0	15198.50000	315.74	86.11	48.826603	-86.925451	56160.14	56241.9	8.14	56168.27	56165.31250	56151.28582	56151.22656	505471.6	5408183.0
L5470.0	505471.6	5408181.6	15198.59961	316.19	86.8	48.826590	-86.925451	56160.27	56241.9	8.13	56168.41	56165.42578	56148.76640	56148.63281	505471.6	5408181.6
L5470.0	505471.6	5408180.6	15198.70020	315.09	87.8	48.826581	-86.925451	56160.59	56241.9	8.13	56168.72	56165.71094	56150.17902	56149.97266	505471.6	5408180.6
L5470.0	505471.6	5408179.0	15198.79981	315.50	87.8	48.826567	-86.925451	56160.79	56241.9	8.13	56168.92	56165.88281	56148.98568	56148.70313	505471.6	5408179.0
L5470.0	505471.6	5408179.0	15198.90039	313.84	88.59	48.826567	-86.925451	56161.07	56241.9	8.13	56169.20	56166.13672	56149.60664	56149.24219	505471.6	5408179.0
L5470.0	505471.7	5408177.3	15199.00000	312.02	88.59	48.826551	-86.925450	56161.29	56241.9	8.13	56169.42	56166.33203	56148.79192	56148.34766	505471.7	5408177.3
L5470.0	505471.7	5408175.6	15199.00000	312.02	90.13	48.826536	-86.925450	56161.61	56241.9	8.13	56169.74	56166.62500	56150.24086	56149.71484	505471.7	5408175.6
L5470.0	505471.7	5408174.0	15199.20020	312.88	89.82	48.826522	-86.925450	56161.85	56241.9	8.14	56169.99	56166.84766	56150.02748	56149.41406	505471.7	5408174.0
L5470.0	505471.7	5408174.0	15199.29981	314.54	89.82	48.826522	-86.925450	56162.18	56241.9	8.14	56170.32	56167.15234	56151.60353	56150.90234	505471.7	5408174.0
L5470.0	505471.7	5408172.6	15199.40039	316.05	88.64	48.826509	-86.925450	56162.42	56241.9	8.15	56170.56	56167.36328	56151.06176	56150.27344	505471.7	5408172.6
L5470.0	505471.7	5408170.8	15199.50000	313.61	88.64	48.826493	-86.925450	56162.66	56241.9	8.15	56170.81	56167.58594	56150.69948	56149.82031	505471.7	5408170.8
L5470.0	505471.7	5408169.5	15199.59961	314.18	86.91	48.826481	-86.925449	56162.94	56241.8	8.15	56171.09	56167.83984	56150.96945	56149.99609	505471.7	5408169.5
L5470.0	505471.7	5408168.0	15199.70020	315.49	86.91	48.826468	-86.925449	56163.26	56241.8	8.16	56171.42	56168.14453	56152.32079	56151.25391	505471.7	5408168.0
L5470.0	505471.7	5408168.0	15199.79981	315.07	92.37	48.826468	-86.925449	56163.50	56241.8	8.16	56171.66	56168.35547	56151.56606	56150.40234	505471.7	5408168.0
L5470.0	505471.8	5408166.6	15199.90039	315.73	92.37	48.826455	-86.925449	56163.78	56241.8	8.17	56171.94	56168.60938	56151.66192	56150.39844	505471.8	5408166.6
L5470.0	505471.8	5408164.8	15200.00000	315.89	90.55	48.826439	-86.925449	56163.99	56241.8	8.17	56172.16	56168.80078	56150.33950	56148.97656	505471.8	5408164.8
L5470.0	505471.8	5408163.5	15200.09961	315.34	90.55	48.826427	-86.925449	56164.39	56241.8	8.17	56172.56	56169.17188	56153.02442	56151.55859	505471.8	5408163.5
L5470.0	505471.8	5408163.5	15200.20020	316.06	87.34	48.826427	-86.925449	56164.66	56241.8	8.18	56172.83	56169.41406	56152.70607	56151.13672	505471.8	5408163.5
L5470.0	505471.8	5408162.1	15200.29981	314.58	91.99	48.826414	-86.925449	56164.97	56241.8	8.18	56173.15	56169.70703	56153.44922	56151.77344	505471.8	5408162.1
L5470.0	505471.8	5408160.4	15200.40039	313.40	91.99	48.826399	-86.925449	56165.19	56241.8	8.18	56173.37	56169.89844	56151.87576	56150.09375	505471.8	5408160.4
L5470.0	505471.8	5408160.4	15200.50000	314.63	93.06	48.826399	-86.925449	56165.54	56241.8	8.18	56173.73	56170.23047	56153.38137	56151.48828	505471.8	5408160.4
L5470.0	505471.8	5408158.7	15200.59961	313.55	94.5	48.826384	-86.925449	56165.80	56241.8	8.19	56173.98	56170.44922	56152.34760	56150.34375	505471.8	5408158.7
L5470.0	505471.7	5408157.3	15200.70020	314.01	94.5	48.826371	-86.925449	56166.18	56241.8	8.19	56174.37	56170.81250	56154.37956	56152.26563	505471.7	5408157.3
L5470.0	505471.7	5408155.8	15200.79981	314.68	94.11	48.826358	-86.925449	56166.41	56241.8	8.19	56174.60	56171.01172	56152.75279	56150.52344	505471.7	5408155.8
L5470.0	505471.7	5408154.4	15200.90039	314.40	95.53	48.826346	-86.925450	56166.78	56241.8	8.20	56174.97	56171.35156	56154.18043	56151.83594	505471.7	5408154.4
L5470.0	505471.7	5408153.1	15201.00000	313.78	92.48	48.826334	-86.925450	56166.96	56241.8	8.20	56175.16	56171.51172	56151.50246	56149.04297	505471.7	5408153.1
L5470.0	505471.7	5408153.1	15201.00000	313.78	92.48	48.826334	-86.925450	56167.36	56241.8	8.20	56175.56	56171.88281	56153.43290	56150.85547	505471.7	5408153.1
L5470.0	505471.7	5408151.2	15201.20020	313.29	95.03	48.826317	-86.925450	56167.73	56241.8	8.20	56175.93	56172.22266	56154.60463	56151.90625	505471.7	5408151.2
L5470.0	505471.7	5408150.1	15201.29981	316.08	95.03	48.826307	-86.925451	56168.10	56241.8	8.21	56176.30	56172.56250	56155.68610	56152.86719	505471.7	5408150.1
L5470.0	505471.7	5408148.6	15201.40039	314.38	89.69	48.826293	-86.925451	56168.38	56241.8	8.21	56176.59	56172.82031	56154.88316	56151.94141	505471.7	5408148.6
L5470.0	505471.6	5408146.9	15201.50000	315.05	89.69	48.826278	-86.925451	56168.78	56241.8	8.21	56176.99	56173.19141	56156.45053	56153.38672	505471.6	5408146.9
L5470.0	505471.6	5408146.9	15201.59961	316.50	85.16	48.826278	-86.925451	56169.09	56241.8	8.21	56177.30	56173.46875	56155.89854	56152.71094	505471.6	5408146.9
L5470.0	505471.6	5408145.2	15201.70020	315.25	85.16	48.826263	-86.925451	56169.41	56241.8	8.21	56177.62	56173.75781	56155.46592	56152.15234	505471.6	5408145.2
L5470.0	505471.6	5408143.8	15201.79981	315.33	88.61	48.826250	-86.925452	56169.72	56241.8	8.22	56177.94	56174.04688	56154.92492	56151.48438	505471.6	5408143.8
L5470.0	505471.6	5408142.3	15201.90039	316.48	84.86	48.826237	-86.925452	56170.12	56241.8	8.22	56178.34	56174.41406	56156.09570	56152.52734	505471.6	5408142.3
L5470.0	505471.6	5408142.3	15202.00000	315.30	84.86	48.826237	-86.925452	56170.46	56241.8	8.22	56178.68	56174.71875	56155.79694	56152.09766	505471.6	5408142.3
L5470.0	505471.6	5408140.8	15202.09961	315.39	88.24	48.826223	-86.925452	56170.88	56241.8	8.22	56179.10	56175.10547	56157.22927	56153.40234	505471.6	5408140.8
L5470.0	505471.5	5408138.9	15202.20020	314.53	88.24	48.826206	-86.925453	56171.18	56241.8	8.22	56179.41	56175.38281	56156.02545	56152.06641	505471.5	5408138.9
L5470.0	505471.5	5408138.9	15202.29981	315.03	87.9	48.826206	-86.925453	56171.56	56241.8	8.22	56179.79	56175.73047	56156.32936	56152.23828	505471.5	5408138.9
L5470.0	505471.5	5408137.5	15202.40039	314.90	87.9	48.826193	-86.925453	56172.00	56241.8	8.22	56180.22	56176.12500	56157.69615	56153.47266	505471.5	5408137.5
L5470.0	505471.5	5408136.0	15202.50000	315.19	87.9	48.826180	-86.925453	56172.38	56241.8	8.22	56180.60	56176.46875	56157.79316	56153.43750	505471.5	5408136.0
L5470.0	505471.5	5408134.1	15202.59961	314.99	88.26	48.826163	-86.925453	56172.77	56241.8	8.23	56181.00	56176.83594	56158.25646	56153.76563	505471.5	5408134.1
L5470.0	505471.5	5408134.1	15202.70020	317.27	89.78	48.826163	-86.925453	56173.16	56241.8	8.23	56181.39	56177.19141	56158.38050	56153.75391	505471.5	5408134.1
L5470.0	505471.5	5408132.4	15202.79981	315.71	89.78	48.826147	-86.925453	56173.54	56241.8	8.23	56181.76	56177.52344	56157.92308	56153.16406	505471.5	5408132.4
L5470.0	505471.5	5408131.0	15202.90039	315.62	84.85	48.826134	-86.925454	56173.84	56241.8	8.23	56182.07	56177.79688	56155.92106	56151.02734	505471.5	5408131.0
L5470.0	505471.4	5408129.5	15203.00000	316.26	84.85	48.826121	-86.925454	56174.22	56241.8	8.23	56182.45	56178.14063	56155.48562	56150.45313	505471.4	5408129.5
L5470.0	505471.4	5408129.5	15203.00000	316.26	84.51	48.826121	-86.925454	56174.66	56241.8	8.23	56182.89	56178.54297	56156.39178	56151.22266	505471.4	5408129.5
L5470.0	505471.4	5408128.0	15203.20020	318.10	84.51	48.826108	-86.925454	56175.14	56241.8	8.24	56183.38	56178.99609	56158.40428	56153.09766	505471.4	5408128.0

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5470.0	505471.4	5408126.3	15203.29981	317.34	86.83	48.826093	-86.925455	56175.53	56241.8	8.25	56183.77	56179.34766	56157.90339	56152.46094	505471.4	5408126.3
L5470.0	505471.4	5408124.6	15203.40039	316.02	86.83	48.826077	-86.925455	56175.97	56241.8	8.25	56184.22	56179.75781	56158.74468	56153.16406	505471.4	5408124.6
L5470.0	505471.4	5408124.6	15203.50000	316.93	87.26	48.826077	-86.925455	56176.37	56241.7	8.25	56184.62	56180.12109	56158.27367	56152.55859	505471.4	5408124.6
L5470.0	505471.4	5408123.1	15203.59961	317.12	87.25	48.826064	-86.925455	56176.82	56241.7	8.26	56185.08	56180.53906	56159.13984	56153.28516	505471.4	5408123.1
L5470.0	505471.3	5408121.4	15203.70020	317.63	87.25	48.826049	-86.925455	56177.23	56241.7	8.26	56185.50	56180.92188	56158.93421	56152.94141	505471.3	5408121.4
L5470.0	505471.3	5408121.4	15203.79981	317.09	87.54	48.826049	-86.925455	56177.71	56241.7	8.27	56185.98	56181.35938	56160.05579	56153.92578	505471.3	5408121.4
L5470.0	505471.3	5408119.5	15203.90039	315.86	86.61	48.826031	-86.925456	56178.20	56241.7	8.28	56186.47	56181.80859	56161.29669	56155.03125	505471.3	5408119.5
L5470.0	505471.3	5408118.0	15204.00000	315.18	86.61	48.826018	-86.925456	56178.64	56241.7	8.28	56186.92	56182.21875	56161.46506	56155.06250	505471.3	5408118.0
L5470.0	505471.3	5408116.4	15204.09961	316.50	88.87	48.826004	-86.925456	56179.08	56241.7	8.28	56187.36	56182.61719	56161.28003	56154.73828	505471.3	5408116.4
L5470.0	505471.3	5408116.4	15204.20020	315.46	88.87	48.826004	-86.925456	56179.61	56241.7	8.27	56187.88	56183.09375	56162.85876	56156.17969	505471.3	5408116.4
L5470.0	505471.3	5408114.1	15204.29981	314.48	88.88	48.825982	-86.925456	56180.12	56241.7	8.27	56188.39	56183.56250	56164.06675	56157.25391	505471.3	5408114.1
L5470.0	505471.3	5408114.1	15204.40039	314.97	86.61	48.825982	-86.925456	56180.56	56241.7	8.27	56188.83	56183.95703	56163.51077	56156.55859	505471.3	5408114.1
L5470.0	505471.3	5408112.6	15204.50000	314.11	86.61	48.825969	-86.925456	56181.06	56241.7	8.26	56189.32	56184.40625	56163.98868	56156.90234	505471.3	5408112.6
L5470.0	505471.3	5408110.9	15204.59961	314.20	86.16	48.825954	-86.925456	56181.59	56241.7	8.26	56189.85	56184.89063	56165.25158	56158.03125	505471.3	5408110.9
L5470.0	505471.3	5408109.0	15204.70020	314.30	86.16	48.825937	-86.925456	56182.04	56241.7	8.26	56190.29	56185.28516	56164.30545	56156.94922	505471.3	5408109.0
L5470.0	505471.3	5408109.0	15204.79981	313.53	88.14	48.825937	-86.925456	56182.54	56241.7	8.26	56190.79	56185.74219	56164.59781	56157.10547	505471.3	5408109.0
L5470.0	505471.3	5408107.3	15204.90039	315.96	86.88	48.825922	-86.925456	56183.13	56241.7	8.25	56191.38	56186.28516	56166.79107	56159.16797	505471.3	5408107.3
L5470.0	505471.3	5408105.8	15205.00000	316.96	86.88	48.825908	-86.925456	56183.66	56241.8	8.25	56191.91	56186.76953	56167.46180	56159.70313	505471.3	5408105.8
L5470.0	505471.3	5408104.4	15205.00000	316.96	86.54	48.825895	-86.925456	56184.16	56241.8	8.25	56192.41	56187.22656	56167.29332	56159.40234	505471.3	5408104.4
L5470.0	505471.3	5408104.4	15205.20020	316.22	86.54	48.825895	-86.925456	56184.75	56241.7	8.26	56193.01	56187.77734	56169.22519	56161.20313	505471.3	5408104.4
L5470.0	505471.3	5408102.7	15205.29981	314.88	85.48	48.825881	-86.925456	56185.25	56241.7	8.26	56193.51	56188.23047	56168.73398	56160.58203	505471.3	5408102.7
L5470.0	505471.3	5408101.3	15205.40039	314.41	85.48	48.825868	-86.925456	56185.78	56241.7	8.27	56194.04	56188.71484	56168.76667	56160.48438	505471.3	5408101.3
L5470.0	505471.3	5408099.8	15205.50000	313.90	85.71	48.825854	-86.925456	56186.34	56241.7	8.27	56194.61	56189.23828	56169.55846	56161.14844	505471.3	5408099.8
L5470.0	505471.3	5408098.1	15205.59961	312.46	85.71	48.825839	-86.925456	56186.91	56241.7	8.27	56195.18	56189.75781	56170.21011	56161.67188	505471.3	5408098.1
L5470.0	505471.3	5408098.1	15205.70020	312.47	88.82	48.825839	-86.925456	56187.48	56241.7	8.28	56195.76	56190.28906	56170.95519	56162.28906	505471.3	5408098.1
L5470.0	505471.4	5408096.6	15205.79981	313.87	88.82	48.825826	-86.925455	56188.00	56241.7	8.28	56196.29	56190.77344	56170.42409	56161.63281	505471.4	5408096.6
L5470.0	505471.4	5408096.6	15205.90039	314.91	89.84	48.825826	-86.925455	56188.59	56241.7	8.29	56196.87	56191.30469	56170.90658	56161.99219	505471.4	5408096.6
L5470.0	505471.4	5408095.4	15206.00000	315.73	87.24	48.825815	-86.925455	56189.20	56241.7	8.29	56197.49	56191.87500	56172.17914	56163.14453	505471.4	5408095.4
L5470.0	505471.4	5408092.6	15206.09961	315.65	87.24	48.825789	-86.925455	56189.70	56241.7	8.29	56197.99	56192.32422	56170.57068	56161.41406	505471.4	5408092.6
L5470.0	505471.4	5408092.6	15206.20020	317.07	87.24	48.825789	-86.925455	56190.34	56241.7	8.29	56198.63	56192.91406	56172.04338	56162.76563	505471.4	5408092.6
L5470.0	505471.4	5408091.4	15206.29981	318.62	88.53	48.825779	-86.925455	56190.94	56241.7	8.29	56199.23	56193.46484	56172.46565	56163.07031	505471.4	5408091.4
L5470.0	505471.4	5408089.4	15206.40039	315.78	86.08	48.825761	-86.925455	56191.55	56241.7	8.29	56199.84	56194.02344	56172.98234	56163.46875	505471.4	5408089.4
L5470.0	505471.4	5408088.3	15206.50000	315.15	82.28	48.825751	-86.925455	56192.21	56241.7	8.29	56200.50	56194.63281	56174.50051	56164.87109	505471.4	5408088.3
L5470.0	505471.4	5408087.1	15206.59961	316.93	82.28	48.825740	-86.925455	56192.81	56241.7	8.30	56201.11	56195.19141	56174.73411	56164.98828	505471.4	5408087.1
L5470.0	505471.4	5408085.7	15206.70020	316.23	92.49	48.825727	-86.925455	56193.52	56241.7	8.30	56201.82	56195.85156	56177.08584	56167.22656	505471.4	5408085.7
L5470.0	505471.4	5408085.7	15206.79981	315.39	91.99	48.825727	-86.925455	56194.16	56241.7	8.30	56202.46	56196.44141	56177.69191	56167.72266	505471.4	5408085.7
L5470.0	505471.4	5408084.0	15206.90039	314.78	91.99	48.825712	-86.925455	56194.77	56241.7	8.30	56203.07	56197.00000	56177.46733	56167.39063	505471.4	5408084.0
L5470.0	505471.4	5408082.5	15207.00000	313.87	91.99	48.825699	-86.925455	56195.35	56241.7	8.30	56203.65	56197.52734	56176.42013	56166.23438	505471.4	5408082.5
L5470.0	505471.4	5408082.5	15207.00000	313.87	90.87	48.825699	-86.925455	56196.01	56241.7	8.30	56204.31	56198.13672	56177.00792	56166.71484	505471.4	5408082.5
L5470.0	505471.4	5408081.1	15207.20020	314.81	92.87	48.825686	-86.925455	56196.68	56241.7	8.30	56204.98	56198.75391	56177.65425	56167.25781	505471.4	5408081.1
L5470.0	505471.4	5408079.5	15207.29981	312.00	92.87	48.825672	-86.925455	56197.39	56241.7	8.31	56205.70	56199.42578	56179.22568	56168.72656	505471.4	5408079.5
L5470.0	505471.4	5408078.0	15207.40039	312.78	93.97	48.825658	-86.925455	56198.04	56241.7	8.31	56206.35	56200.02344	56179.07046	56168.46875	505471.4	5408078.0
L5470.0	505471.4	5408076.3	15207.50000	313.53	93.97	48.825643	-86.925455	56198.82	56241.7	8.31	56207.13	56200.75000	56181.53848	56170.83984	505471.4	5408076.3
L5470.0	505471.4	5408076.3	15207.59961	313.78	87.09	48.825643	-86.925455	56199.48	56241.7	8.31	56207.80	56201.37109	56181.40034	56170.60547	505471.4	5408076.3
L5470.0	505471.4	5408074.9	15207.70020	313.54	89.94	48.825630	-86.925455	56200.30	56241.7	8.31	56208.61	56202.12891	56184.05279	56173.16016	505471.4	5408074.9
L5470.0	505471.4	5408073.2	15207.79981	313.31	89.94	48.825615	-86.925455	56201.00	56241.7	8.32	56209.31	56202.77734	56184.09503	56173.11328	505471.4	5408073.2
L5470.0	505471.4	5408071.7	15207.90039	313.23	91.4	48.825602	-86.925455	56201.70	56241.7	8.32	56210.02	56203.43750	56184.10095	56173.02734	505471.4	5408071.7
L5470.0	505471.4	5408071.7	15208.00000	315.59	92	48.825602	-86.925455	56202.37	56241.7	8.32	56210.69	56204.05469	56182.97657	56171.81250	505471.4	5408071.7
L5470.0	505471.4	5408070.1	15208.09961	314.62	92	48.825587	-86.925455	56203.23	56241.7	8.32	56211.55	56204.86328	56185.66921	56174.41797	505471.4	5408070.1
L5470.0	505471.4	5408068.7	15208.20020	316.51	90.77	48.825574	-86.925455	56203.92	56241.7	8.32	56212.24	56205.50391	56184.38975	56173.05469	505471.4	5408068.7
L5470.0	505471.4	5408068.7	15208.29981	316.09	90.63	48.825574	-86.925455	56204.77	56241.7	8.32	56213.09	56206.30469	56186.31120	56174.89453	505471.4	5408068.7
L5470.0	505471.4	5408066.8	15208.40039	313.44	90.63	48.825557	-86.925455	56205.51	56241.7	8.32	56213.82	56206.98438	56185.30524	56173.80859	505471.4	5408066.8
L5470.0	505471.4	5408065.4	15208.50000	312.49	84.73	48.825544	-86.925455	56206.35	56241.7	8.31	56214.66	56207.77344	56186.46121	56174.88672	505471.4	5408065.4
L5470.0	505471.4	5408065.4	15208.59961	312.81	86.73	48.825544	-86.925455	56207.11	56241.7	8.31	56215.43	56208.49609	56185.76216	56174.11328	505471.4	5408065.4
L5470.0	505471.5	5408063.6	15208.70020	313.14	87.12	48.825529	-86.925455	56208.04	56241.7	8.31	56216.35	56209.36719	56188.23348	56176.50781	505471.5	5408063.6
L5470.0	505471.5	5408062.0	15208.79981	315.18	87.12	48.825514	-86.925455	56208.93	56241.7	8.31	56217.24	56210.20703	56189.78284	56177.98828	505471.5	5408062.0
L5470.0	505471.5	5408060.6	15208.90039	315.88	92.5	48.825501	-86.925455	56209.81	56241.7	8.31	56218.12	56211.03906	56190.85013	56178.98438	505471.5	5408060.6
L5470.0	505471.5	5408059.1	15209.00000	315.01	92.5	48.825488	-86.925454	56210.56	56241.7	8.31	56218.87	56211.74219	56188.53451	56176.60547	505471.5	5408059.1
L5470.0	505471.5	5408059.1	15209.09961	315.01	90.83	48.825488	-86.925454	56211.46	56241.7	8.31	56219.77	56212.59375	56189.52537	56177.53125	505471.5	5408059.1
L5470.0	505471.5	5408057.7	15209.20020	317.02	90.83	48.825476	-86.925454	56212.28	56241.7	8.32	56220.60	56213.37500	56188.53164	56176.47656	505471.5	5408057.7
L5470.0	505471.5	5408056.5	15209.29981	318.31	91.61	48.825464	-86.925454	56213.18	56241.7	8.32	56221.51	56214.24219	56189.20993	56177.09375	505471.5	5408056.5
L5470.0	505471.5	5408054.6	15209.40039	320.55	93.92	48.825448	-86.925454	56214.08	56241.7	8.33	56222.41	56215.09375	56189.35590	56177.18359	505471.5	5408054.6
L5470.0	505471.5	5408053.4	15209.50000	319.08	93.92	48.825437	-86.925454	56215.04	56241.7	8.33	56223.37	56216.01172	56190.71290	56178.48438	505471.5	5408053.4
L5470.0	505471.5	5408053.4	15209.59961	318.94	94.89	48.825437	-86.925454	56215.94	56241.7	8.33	56224.27	56216.86719	56190.26584	56177.98438	505471.5	5408053.4
L5470.0	505471.5	5408052.0	15209.70020	320.27	94.89	48.825424	-86.925454	56216.92	56241.7	8.34	56225.26	56217.81250	56191.78901	56179.46094	505471.5	5408052.0
L5470.0	505471.5	5408050.0	15209.79981	318.72	96.03	48.825407	-86.925455	56217.91	56241.7	8.34	56226.25	56218.76172	56193.00760	56180.63281	505471.5	5408050.0
L5470.0	505471.5	5408048.6	15209.90039	318.68	96.03	48.825394	-86.925455	56218.86	56241.7	8.35	56227.20	56219.66797	56192.89557	56180.47266	505471.5	5408048.6
L5470.0	505471.5	5408047.4	15210.00000	318.40	96.01	48.825382	-86.925455	56219.90	56241.7	8.35	56228.25	56220.67578	56195.01605	56182.55078	505471.5	5408047.4
L5470.0	505471.5	5408046.0	15210.09961	317.19	96.01	48.825370	-86.925455	56220.92	56241.6	8.35	56229.27	56221.65625	56196.05946	56183.55469	505471.5	5408046.0
L5470.0	505471.5	5408046.0	15210.20020	317.91	96.7	48.825370	-86.925455	56221.95	56241.6	8.35	56230.30	56222.64844	56197.04111	56184.50000	505471.5	5408046.0
L5470.0	505471.4	5408044.0	15210.29981	315.63	95.24	48.825352	-86.925455	56223.04	56241.6	8.35	56231.39	56223.69922	56199.21865	56186.64453	505471.4	5408044.0
L5470.0	505471.4	5408042.6	15210.40039	316.11	95.24	48.825340	-86.925455	56224.06	56241.6	8.35	56232.41	56224.67969	56199.28452	56186.67578	505471.4	5408042.6
L5470.0	505471.4	5408042.6	15210.50000	315.90	96.01	48.825340	-86.925455	56225.14	56241.6	8.36	56233.50	56225.73438	56200.76446	56188.12891	505471.4	5408042.6
L5470.0	505471.4	5408041.5	15210.59961	314.72	96.01	48.825329	-86.925456	56226.23	56241.6	8.36	56234.58	56226.78125	56201.63549	56188.97266	505471.4	5408041.5
L5470.0	505471.4	5408038.9	15210.70020	314.53	98.78	48.825306	-86.925456	56227.35	56241.6	8.36	56235.70	56227.86328	56203.13612	56190.44531	505471.4	5408038.9
L5470.0	505471.4	5408038.9	15210.79981	315.46	98.78	48.825306	-86.925456	56228.48	56241.6	8.36	56236.83	56228.96094	56204.50862	56191.79688	505471.4	5408038.9
L5470.0	505471.3	5408037.4	15210.90039	314.73	98.43	48.825293	-86.925456	56229.66	56241.6	8.36	56238.02	56230.12109	56206.96961	56194.23828	505471.3	5408037.4
L5470.0	505471.3	5408035.8	15211.00000	316.90	95.99	48.825278	-86.925457	56230.79	56241.6	8.36	56239.15	56231.21875	56207.57477	56194.82813	505471.3	5408035.8
L5470.0	505471.3	5408034.6	15211.00000	316.90	95.99	48.825267	-86.925457	56232.01	56241.6	8.36	56240.37	56232.41016	56209.98516	56197.22266	505471.3	5408034.6
L5470.0	505471.3	5408034.6	15211.20020	317.31	99.5	48.825267	-86.925457	56233.12	56241.6	8.36	56241.48	56233.48828	56209.34223	56196.56641	505471.3	5408034.6
L5470.0	505471.3	5408032.9	15211.29981	316.96	100.99	48.825252	-86.925457	56234.40	56241.6	8.36	56242.76	56234.74219	56212.42883	56199.64453	505471.3	5408032.9
L5470.0	505471.3	5408031.2	15211.40039	314.66	100.99	48.825237	-86.925457	56235.53	56241.6	8.36	56243.89	56235.84766	56211.51694	56198.72656	505471.3	5408031.2
L5470.0	505471.3	5408029.7	15211.50000	315.03	102.83	48.825224	-86.925458	56236.89	56241.6	8.36	56245.25	56237.17969	56215.77641	56202.98047	505471.3	5408029.7
L5470.0	505471.3	5408029.7	15211.59961	315.54	106.06	48.825224	-86.925458	56238.08	56241.6	8.36	56246.44	56238.34766	56215.58230	56202.78516	505471.3	5408029.7
L5470.0	505471.3	5408028.2	15211.70020	315.64	106.06	48.825210	-86.925458	56239.45	56241.6	8.36	56247.81	56239.69531	56219.36990	56206.57031	505471.3	5408028.2
L5470.0	505471.2	5408026.2	15211.79981	315.70	107.32	48.825192	-86.925458	56240.65	56241.6	8.36	56249.01	56240.87500	56218.72323	56205.92969	505471.2	5408026.2
L5470.0	505471.2	5408026.2	15211.90039	316.61	109.22	48.825192	-86.925458	56241.97	56241.6	8.36	56250.33	56242.17578	56220.62779	56207.83984	505471.2	5408026.2
L5470.0	505471.2	5408024.8	15212.00000	317.08	109.22	48.825179	-86.925458	56243.32	56241.6	8.36	56251.68	56243.50781	56222.92651	56210.14453	505471.2	5408024.8
L5470.0	505471.2	5408023.3	15212.09961	316.09	110.06	48.825166	-86.925458	56244.65	56241.6	8.36	56253.01	56244.82031	56224.42597	56211.65625	505471.2	5408023.3
L5470.0	505471.2	5408022.1	15212.20020	318.16	109.61	48.825156	-86.925459	56245.93	56241.6	8.36	56254.30	56246.09766	56224.65166	56211.89453	505471.2	5408022.1
L5470.0	505471.2	5408020.7	15212.29981	317.94	109.61	48.825142	-86.925459	56247.34	56241.6	8.37	56255.71	56247.49219	56227.45427	56214.71094	505471.2	5408020.7
L5470.0	505471.2	5408020.7	15212.40039	317.94	111.27	48.825142	-86.925459	56248.64	56241.6	8.37	56257.01	56248.78125	56227.31391	56214.58984	505471.2	5408020.7
L5470.0	505471.2	5408018.7	15212.50000	316.61	111.27	48.825125	-86.925459	56250.06	56241.6	8.37	56258.43	56250.19141	56229.75269	56217.04688	505471.2	5408018.7

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5470.0	505471.2	5408017.1	15212.59961	315.43	112.06	48.825110	-86.925459	56251.47	56241.6	8.37	56259.84	56251.59375	56231.65416	56218.97266	505471.2	5408017.1
L5470.0	505471.2	5408015.6	15212.70020	316.82	111.94	48.825097	-86.925459	56252.88	56241.6	8.37	56261.25	56252.99609	56233.25852	56220.60156	505471.2	5408015.6
L5470.0	505471.2	5408014.4	15212.79981	316.08	111.94	48.825086	-86.925459	56254.25	56241.6	8.38	56262.63	56254.37109	56233.85443	56221.22656	505471.2	5408014.4
L5470.0	505471.2	5408014.4	15212.90039	314.85	113.34	48.825086	-86.925459	56255.70	56241.6	8.38	56264.08	56255.81641	56235.81761	56223.21875	505471.2	5408014.4
L5470.0	505471.1	5408012.7	15213.00000	314.83	113.34	48.825071	-86.925460	56257.29	56241.6	8.38	56265.67	56257.40625	56240.78946	56228.22266	505471.1	5408012.7
L5470.0	505471.1	5408011.3	15213.00000	314.83	113.97	48.825058	-86.925460	56258.70	56241.6	8.38	56267.08	56258.81641	56241.20490	56228.67188	505471.1	5408011.3
L5470.0	505471.2	5408009.9	15213.20020	314.15	113.97	48.825045	-86.925460	56260.18	56241.6	8.38	56268.56	56260.29688	56242.97169	56230.47656	505471.2	5408009.9
L5470.0	505471.2	5408008.5	15213.29981	315.60	106.67	48.825033	-86.925460	56261.63	56241.6	8.38	56270.01	56261.75000	56243.73110	56231.27344	505471.2	5408008.5
L5470.0	505471.2	5408008.5	15213.40039	316.55	106.67	48.825033	-86.925460	56263.06	56241.6	8.38	56271.44	56263.18750	56243.71720	56231.30078	505471.2	5408008.5
L5470.0	505471.2	5408006.6	15213.50000	315.80	104.27	48.825016	-86.925459	56264.64	56241.6	8.39	56273.03	56264.78516	56247.15445	56234.78516	505471.2	5408006.6
L5470.0	505471.2	5408005.2	15213.59961	316.09	104.08	48.825003	-86.925459	56266.35	56241.6	8.39	56274.73	56266.49219	56252.87643	56240.55078	505471.2	5408005.2
L5470.0	505471.2	5408005.2	15213.70020	314.50	110.79	48.825003	-86.925459	56267.76	56241.6	8.39	56276.14	56267.91406	56251.47687	56239.19922	505471.2	5408005.2
L5470.0	505471.2	5408003.5	15213.79981	314.33	110.79	48.824988	-86.925459	56269.31	56241.6	8.39	56277.70	56269.48438	56253.30694	56241.08203	505471.2	5408003.5
L5470.0	505471.2	5408002.0	15213.90039	314.69	114.08	48.824975	-86.925459	56270.82	56241.6	8.39	56279.21	56271.00781	56253.65335	56241.48047	505471.2	5408002.0
L5470.0	505471.2	5408000.7	15214.00000	312.90	111.1	48.824962	-86.925459	56272.47	56241.6	8.39	56280.86	56272.67578	56257.02376	56244.90625	505471.2	5408000.7
L5470.0	505471.2	5408000.7	15214.09961	312.97	111.1	48.824962	-86.925459	56273.96	56241.6	8.39	56282.35	56274.18359	56256.28770	56244.22656	505471.2	5408000.7
L5470.0	505471.2	5407999.3	15214.20020	313.45	115.31	48.824950	-86.925459	56275.58	56241.6	8.39	56283.97	56275.82422	56258.35853	56246.35547	505471.2	5407999.3
L5470.0	505471.2	5407999.3	15214.29981	311.99	115.31	48.824950	-86.925459	56277.17	56241.6	8.39	56285.56	56277.43359	56259.41673	56247.47656	505471.2	5407999.3
L5470.0	505471.2	5407996.0	15214.40039	314.36	112.45	48.824920	-86.925460	56278.84	56241.6	8.39	56287.23	56279.12891	56262.12172	56250.24609	505471.2	5407996.0
L5470.0	505471.1	5407994.6	15214.50000	317.14	112.45	48.824908	-86.925460	56280.43	56241.6	8.39	56288.82	56280.74219	56262.59713	56250.78516	505471.1	5407994.6
L5470.0	505471.1	5407994.6	15214.59961	316.87	109.71	48.824908	-86.925460	56282.02	56241.6	8.39	56290.41	56282.35938	56262.77426	56251.03125	505471.1	5407994.6
L5470.0	505471.1	5407993.3	15214.70020	317.45	109.71	48.824896	-86.925460	56283.81	56241.6	8.39	56292.20	56284.17969	56267.59514	56255.92188	505471.1	5407993.3
L5470.0	505471.1	5407991.9	15214.79981	316.95	116.52	48.824883	-86.925460	56285.44	56241.6	8.39	56293.83	56285.83984	56268.19975	56256.59766	505471.1	5407991.9
L5470.0	505471.1	5407990.2	15214.90039	317.93	116.36	48.824869	-86.925461	56287.14	56241.6	8.39	56295.53	56287.57422	56270.26923	56258.73828	505471.1	5407990.2
L5470.0	505471.1	5407990.2	15215.00000	319.03	116.36	48.824869	-86.925461	56288.86	56241.6	8.39	56297.25	56289.32813	56272.57759	56261.12500	505471.1	5407990.2
L5470.0	505471.1	5407988.4	15215.00000	319.03	116.35	48.824852	-86.925461	56290.57	56241.6	8.39	56298.96	56291.07422	56274.37741	56263.00000	505471.1	5407988.4
L5470.0	505471.0	5407986.7	15215.20020	316.90	116.35	48.824837	-86.925461	56292.28	56241.6	8.39	56300.67	56292.82422	56275.92232	56264.62500	505471.0	5407986.7
L5470.0	505471.0	5407985.3	15215.29981	317.08	116.62	48.824824	-86.925461	56294.02	56241.6	8.39	56302.41	56294.60547	56277.97677	56266.76172	505471.0	5407985.3
L5470.0	505471.0	5407985.3	15215.40039	315.74	116.62	48.824824	-86.925461	56295.78	56241.6	8.39	56304.17	56296.40625	56280.29698	56269.16406	505471.0	5407985.3
L5470.0	505471.0	5407983.6	15215.50000	314.75	114.14	48.824809	-86.925461	56297.54	56241.6	8.39	56305.93	56298.21094	56282.38154	56271.33203	505471.0	5407983.6
L5470.0	505471.0	5407981.9	15215.59961	315.11	114.14	48.824794	-86.925461	56299.37	56241.6	8.39	56307.76	56300.08594	56286.00867	56275.04688	505471.0	5407981.9
L5470.0	505471.0	5407981.9	15215.70020	316.99	116.11	48.824794	-86.925461	56301.12	56241.6	8.39	56309.51	56301.88281	56287.38045	56276.50781	505471.0	5407981.9
L5470.0	505471.0	5407980.5	15215.79981	316.93	115.92	48.824781	-86.925461	56302.92	56241.6	8.39	56311.31	56303.73438	56289.79121	56279.00781	505471.0	5407980.5
L5470.0	505471.0	5407979.1	15215.90039	317.95	115.92	48.824768	-86.925461	56304.68	56241.6	8.39	56313.07	56305.54297	56290.97573	56280.28516	505471.0	5407979.1
L5470.0	505471.0	5407977.4	15216.00000	317.15	105.27	48.824753	-86.925461	56306.55	56241.6	8.39	56314.94	56307.46875	56294.69331	56284.09375	505471.0	5407977.4
L5470.0	505471.0	5407976.2	15216.09961	317.59	105.27	48.824743	-86.925461	56308.35	56241.6	8.39	56316.74	56309.32031	56296.44283	56285.93750	505471.0	5407976.2
L5470.0	505471.0	5407976.2	15216.20020	317.83	108.73	48.824743	-86.925461	56310.20	56241.6	8.39	56318.59	56311.22656	56299.20856	56288.80078	505471.0	5407976.2
L5470.0	505471.0	5407974.5	15216.29981	315.90	108.73	48.824727	-86.925461	56312.03	56241.6	8.39	56320.42	56313.11719	56301.26143	56290.95313	505471.0	5407974.5
L5470.0	505471.0	5407973.1	15216.40039	316.05	109.64	48.824715	-86.925461	56314.00	56241.6	8.39	56322.39	56315.14453	56306.48052	56296.26953	505471.0	5407973.1
L5470.0	505471.0	5407973.1	15216.50000	317.81	111.62	48.824715	-86.925461	56315.73	56241.6	8.39	56324.12	56316.93750	56305.68779	56295.57813	505471.0	5407973.1
L5470.0	505471.0	5407969.8	15216.59961	316.12	111.62	48.824685	-86.925462	56317.60	56241.6	8.39	56325.99	56318.87109	56308.05206	56298.04688	505471.0	5407969.8
L5470.0	505471.0	5407969.8	15216.70020	316.70	115.67	48.824685	-86.925462	56319.40	56241.6	8.39	56327.79	56320.73438	56308.55252	56298.64844	505471.0	5407969.8
L5470.0	505471.0	5407968.3	15216.79981	317.57	115.67	48.824672	-86.925462	56321.32	56241.6	8.39	56329.71	56322.72266	56311.66618	56301.86719	505471.0	5407968.3
L5470.0	505471.0	5407968.3	15216.90039	315.48	116.57	48.824672	-86.925462	56323.23	56241.6	8.39	56331.62	56324.69922	56314.31977	56304.62500	505471.0	5407968.3
L5470.0	505471.0	5407966.7	15217.00000	314.18	116.57	48.824657	-86.925462	56325.20	56241.6	8.39	56333.59	56326.73828	56318.13272	56308.54688	505471.0	5407966.7
L5470.0	505471.0	5407965.0	15217.00000	314.18	116.44	48.824641	-86.925462	56327.11	56241.6	8.39	56335.50	56328.72266	56320.34266	56310.86719	505471.0	5407965.0
L5470.0	505471.0	5407963.3	15217.20020	314.30	116.44	48.824626	-86.925462	56329.06	56241.6	8.39	56337.45	56330.74219	56323.25820	56313.89063	505471.0	5407963.3
L5470.0	505471.0	5407963.3	15217.29981	314.10	116.71	48.824626	-86.925462	56330.92	56241.6	8.39	56339.31	56332.67578	56323.92210	56314.66406	505471.0	5407963.3
L5470.0	505471.0	5407961.9	15217.40039	312.61	116.33	48.824613	-86.925462	56332.86	56241.6	8.39	56341.25	56334.69141	56326.20848	56317.06250	505471.0	5407961.9
L5470.0	505471.0	5407960.1	15217.50000	313.33	89.39	48.824598	-86.925462	56334.70	56241.6	8.39	56343.09	56336.60938	56326.03845	56317.00781	505471.0	5407960.1
L5470.0	505471.1	5407958.5	15217.59961	315.79	89.39	48.824583	-86.925461	56336.78	56241.6	8.39	56345.17	56338.76953	56331.10294	56322.18359	505471.1	5407958.5
L5470.0	505471.1	5407958.5	15217.70020	314.04	92.87	48.824583	-86.925461	56338.75	56241.6	8.39	56347.14	56340.81641	56333.49391	56324.69141	505471.1	5407958.5
L5470.0	505471.1	5407957.3	15217.79981	313.18	92.87	48.824573	-86.925461	56340.71	56241.6	8.39	56349.10	56342.85938	56335.47569	56326.78906	505471.1	5407957.3
L5470.0	505471.1	5407955.6	15217.90039	314.35	91.58	48.824557	-86.925461	56342.63	56241.6	8.39	56351.02	56344.85938	56336.37310	56327.80078	505471.1	5407955.6
L5470.0	505471.1	5407954.4	15218.00000	314.39	91.58	48.824546	-86.925461	56344.64	56241.6	8.39	56353.03	56346.95313	56339.12876	56330.67578	505471.1	5407954.4
L5470.0	505471.1	5407953.1	15218.09961	314.97	105.03	48.824534	-86.925461	56346.67	56241.6	8.39	56355.06	56349.07031	56342.17005	56333.83594	505471.1	5407953.1
L5470.0	505471.1	5407953.1	15218.20020	315.55	105.03	48.824534	-86.925461	56348.68	56241.6	8.40	56357.08	56351.17578	56344.82460	56336.60938	505471.1	5407953.1
L5470.0	505471.1	5407950.5	15218.29981	315.33	106.86	48.824511	-86.925461	56350.72	56241.6	8.40	56359.12	56353.30078	56347.77845	56339.67969	505471.1	5407950.5
L5470.0	505471.1	5407950.5	15218.40039	316.38	109.1	48.824511	-86.925461	56352.71	56241.6	8.41	56361.12	56355.39063	56349.67285	56341.69531	505471.1	5407950.5
L5470.0	505471.1	5407948.6	15218.50000	316.60	109.1	48.824494	-86.925461	56354.73	56241.6	8.41	56363.14	56357.50000	56351.87708	56344.01953	505471.1	5407948.6
L5470.0	505471.1	5407947.2	15218.59961	316.09	115.66	48.824481	-86.925461	56356.72	56241.6	8.41	56365.13	56359.57813	56353.25785	56345.52344	505471.1	5407947.2
L5470.0	505471.1	5407945.8	15218.70020	316.53	115.66	48.824469	-86.925461	56358.76	56241.6	8.42	56367.18	56361.71875	56355.87479	56348.26172	505471.1	5407945.8
L5470.0	505471.1	5407945.8	15218.79981	317.41	112.69	48.824469	-86.925461	56360.83	56241.6	8.42	56369.25	56363.88281	56358.82321	56351.33203	505471.1	5407945.8
L5470.0	505471.1	5407944.1	15218.90039	315.37	105.81	48.824454	-86.925461	56362.89	56241.6	8.43	56371.32	56366.04297	56361.65300	56354.28516	505471.1	5407944.1
L5470.0	505471.1	5407944.1	15219.00000	314.61	105.81	48.824454	-86.925461	56364.98	56241.6	8.43	56373.41	56368.23047	56364.82764	56357.58594	505471.1	5407944.1
L5470.0	505471.2	5407942.3	15219.00000	314.61	107.59	48.824437	-86.925460	56367.00	56241.6	8.43	56375.43	56370.34375	56366.29754	56359.17969	505471.2	5407942.3
L5470.0	505471.2	5407940.9	15219.20020	313.81	107.59	48.824424	-86.925460	56369.07	56241.6	8.43	56377.49	56372.50000	56368.58136	56361.58594	505471.2	5407940.9
L5470.0	505471.2	5407940.9	15219.29981	314.86	107.59	48.824424	-86.925460	56371.16	56241.6	8.43	56379.59	56374.69531	56371.68365	56364.81250	505471.2	5407940.9
L5470.0	505471.2	5407939.4	15219.40039	313.86	109.38	48.824412	-86.925460	56373.18	56241.6	8.43	56381.61	56376.81250	56372.87673	56366.13281	505471.2	5407939.4
L5470.0	505471.2	5407938.0	15219.50000	313.83	107.86	48.824399	-86.925460	56375.24	56241.6	8.43	56383.67	56378.96875	56374.90193	56368.28516	505471.2	5407938.0
L5470.0	505471.2	5407936.6	15219.59961	314.78	107.86	48.824386	-86.925460	56377.34	56241.6	8.42	56385.76	56381.15625	56377.53660	56371.04688	505471.2	5407936.6
L5470.0	505471.2	5407935.2	15219.70020	316.34	104.15	48.824373	-86.925460	56379.51	56241.6	8.42	56387.93	56383.42578	56381.92683	56375.56250	505471.2	5407935.2
L5470.0	505471.2	5407935.2	15219.79981	316.57	103.98	48.824373	-86.925460	56381.63	56241.6	8.42	56390.05	56385.64453	56385.12473	56378.88672	505471.2	5407935.2
L5470.0	505471.2	5407933.3	15219.90039	317.62	103.98	48.824357	-86.925460	56383.70	56241.6	8.42	56392.12	56387.81250	56387.13636	56381.02344	505471.2	5407933.3
L5470.0	505471.2	5407931.7	15220.00000	318.59	107.87	48.824342	-86.925460	56385.86	56241.6	8.42	56394.28	56390.07422	56391.17088	56385.18750	505471.2	5407931.7
L5470.0	505471.2	5407930.1	15220.09961	315.93	104.46	48.824328	-86.925460	56387.90	56241.6	8.42	56396.32	56392.21484	56392.42800	56386.57031	505471.2	5407930.1
L5470.0	505471.2	5407929.4	15220.20020	317.11	104.46	48.824321	-86.925460	56390.05	56241.6	8.42	56398.47	56394.46484	56396.20312	56390.47266	505471.2	5407929.4
L5470.0	505471.2	5407928.0	15220.29981	313.77	104.77	48.824309	-86.925460	56392.14	56241.6	8.42	56400.56	56396.65625	56398.59079	56392.98828	505471.2	5407928.0
L5470.0	505471.2	5407928.0	15220.40039	312.99	109.83	48.824309	-86.925460	56394.16	56241.6	8.42	56402.58	56398.77734	56399.34497	56393.87109	505471.2	5407928.0
L5470.0	505471.2	5407926.6	15220.50000	313.21	109.83	48.824297	-86.925460	56396.25	56241.6	8.42	56404.67	56400.96875	56401.74210	56396.39453	505471.2	5407926.6
L5470.0	505471.2	5407925.3	15220.59961	313.90	105.5	48.824284	-86.925460	56398.42	56241.6	8.42	56406.84	56403.24219	56406.05190	56400.83203	505471.2	5407925.3
L5470.0	505471.2	5407923.5	15220.70020	313.65	105.5	48.824268	-86.925460	56400.46	56241.6	8.42	56408.88	56405.38281	56407.32838	56402.23828	505471.2	5407923.5
L5470.0	505471.2	5407923.5	15220.79981	315.31	105.85	48.824268	-86.925460	56402.61	56241.6	8.42	56411.03	56407.63672	56411.25160	56406.28906	505471.2	5407923.5
L5470.0	505471.2	5407922.1	15220.90039	316.09	105.85	48.824256	-86.925460	56404.70	56241.6	8.42	56413.12	56409.82813	56413.80243	56408.96484	505471.2	5407922.1
L5470.0	505471.2	5407920.8	15221.00000	317.31	103.02	48.824244	-86.925460	56406.79	56241.6	8.42	56415.21	56412.01953	56416.41072	56411.70313	505471.2	5407920.8
L5470.0	505471.2	5407919.2	15221.00000	317.31	104.71	48.824230	-86.925459	56408.86	56241.6	8.42	56417.28	56414.19531	56418.60933	56414.02734	505471.2	5407919.2
L5470.0	505471.3	5407918.2	15221.20020	317.84	104.71	48.824220	-86.925459	56410.95	56241.6	8.42	56419.36	56416.37500	56421.12086	56416.66797	505471.3	5407918.2
L5470.0	505471.3	5407918.2	15221.29981	319.17	114.21	48.824220	-86.925459	56413.02	56241.6	8.42	56421.44	56418.55859	56423.71621	56419.39063	505471.3	5407918.2
L5470.0	505471.3	5407916.4	15221.40039	318.69	113.94	48.824205	-86.925459	56415.06	56241.6	8.42	56423.48	56420.69922	56425.45949	56421.26172	505471.3	5407916.4
L5470.0	505471.3	5407915.3	15221.50000	317.19	113.94	48.824194	-86.925459	56417.13	56241.6	8.42	56425.54	56422.85938	56427.78147	56423.71094	505471.3	5407915.3
L5470.0	505471.3	5407913.8	15221.59961	317.75	114.29	48.824181	-86.925459	56419.22	56241.6	8.42	56427.64	56425.06250	56431.15490	56427.21094	505471.3	5407913.8
L5470.0	505471.3	5407913.8	15221.70020	315.36	114.29	48.824181	-86.925459	56421.36	56241.6	8.42	56429.78	56427.30469	56435.57647	56431.75781	505471.3	5407913.8
L5470.0	505471.3	5407912.5	15221.79981	314.82	113.1	48.824169	-86.925458	56423.30	56241.6	8.42	56431.72	56429.34375	56435.47031	56431.78125	505471.3	5407912.5

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5470.0	505471.3	5407911.0	15221.90039	314.18	112.9	48.824156	-86.925458	56425.32	56241.6	8.42	56433.74	56431.46484	56437.38137	56433.81641	505471.3	5407911.0
L5470.0	505471.3	5407909.5	15222.00000	313.19	112.9	48.824142	-86.925458	56427.36	56241.6	8.42	56435.78	56433.60547	56439.91351	56436.47656	505471.3	5407909.5
L5470.0	505471.3	5407909.5	15222.09961	312.83	110.08	48.824142	-86.925458	56429.45	56241.6	8.42	56437.87	56435.79688	56443.75857	56440.44922	505471.3	5407909.5
L5470.0	505471.3	5407908.2	15222.20020	313.47	104.67	48.824131	-86.925458	56431.44	56241.6	8.42	56439.86	56437.88281	56445.49062	56442.30469	505471.3	5407908.2
L5470.0	505471.3	5407906.7	15222.29981	313.46	104.67	48.824118	-86.925459	56433.43	56241.6	8.42	56441.85	56439.97266	56447.42009	56444.35938	505471.3	5407906.7
L5470.0	505471.3	5407906.7	15222.40039	314.68	105.37	48.824118	-86.925459	56435.45	56241.6	8.42	56443.86	56442.08203	56450.01157	56447.07813	505471.3	5407906.7
L5470.0	505471.3	5407905.5	15222.50000	315.29	105.54	48.824106	-86.925459	56437.46	56241.6	8.42	56445.88	56444.19922	56453.04776	56450.23828	505471.3	5407905.5
L5470.0	505471.3	5407903.9	15222.59961	315.18	105.54	48.824092	-86.925459	56439.38	56241.6	8.41	56447.79	56446.20703	56453.81691	56451.13281	505471.3	5407903.9
L5470.0	505471.3	5407903.1	15222.70020	315.90	105.54	48.824084	-86.925459	56441.27	56241.6	8.41	56449.68	56448.19531	56454.37263	56451.81250	505471.3	5407903.1
L5470.0	505471.3	5407901.6	15222.79981	315.29	109.29	48.824071	-86.925459	56443.34	56241.6	8.41	56451.75	56450.35938	56459.27602	56456.83984	505471.3	5407901.6
L5470.0	505471.3	5407901.6	15222.90039	313.63	111.72	48.824071	-86.925459	56445.35	56241.6	8.41	56453.76	56452.46484	56463.08909	56460.77734	505471.3	5407901.6
L5470.0	505471.3	5407900.3	15223.00000	312.65	110.65	48.824060	-86.925459	56447.26	56241.6	8.41	56455.67	56454.46875	56464.89871	56462.71094	505471.3	5407900.3
L5470.0	505471.3	5407899.3	15223.00000	312.65	110.65	48.824050	-86.925458	56449.20	56241.6	8.41	56457.61	56456.50391	56467.68166	56465.61328	505471.3	5407899.3
L5470.0	505471.3	5407898.1	15223.20020	315.01	105.46	48.824040	-86.925458	56451.17	56241.6	8.41	56459.58	56458.56641	56471.45317	56469.50781	505471.3	5407898.1
L5470.0	505471.4	5407897.4	15223.29981	316.40	108.87	48.824033	-86.925458	56453.11	56241.6	8.41	56461.52	56460.59766	56474.83686	56473.01563	505471.4	5407897.4
L5470.0	505471.4	5407896.3	15223.40039	317.26	118.42	48.824024	-86.925458	56455.07	56241.6	8.41	56463.48	56462.64844	56478.98815	56477.28516	505471.4	5407896.3
L5470.0	505471.4	5407895.2	15223.50000	315.14	118.42	48.824013	-86.925457	56456.86	56241.6	8.41	56465.27	56464.53125	56479.50758	56477.92969	505471.4	5407895.2
L5470.0	505471.4	5407894.1	15223.59961	316.63	118.69	48.824004	-86.925457	56458.72	56241.6	8.41	56467.13	56466.48047	56481.95619	56480.49609	505471.4	5407894.1
L5470.0	505471.5	5407893.1	15223.70020	316.78	118.48	48.823995	-86.925457	56460.56	56241.6	8.41	56468.97	56468.41016	56484.25525	56482.91797	505471.5	5407893.1
L5470.0	505471.5	5407893.1	15223.79981	316.66	118.48	48.823995	-86.925457	56462.42	56241.6	8.41	56470.83	56470.35938	56487.32971	56486.10938	505471.5	5407893.1
L5470.0	505471.5	5407891.8	15223.90039	317.94	117.96	48.823983	-86.925456	56464.16	56241.6	8.41	56472.57	56472.18359	56487.98089	56486.87891	505471.5	5407891.8
L5470.0	505471.5	5407890.9	15224.00000	317.17	117.87	48.823975	-86.925456	56465.97	56241.6	8.41	56474.38	56474.08203	56490.57071	56489.58984	505471.5	5407890.9
L5470.0	505471.6	5407889.9	15224.09961	316.65	117.87	48.823966	-86.925455	56467.71	56241.6	8.41	56476.12	56475.90625	56491.91926	56491.05859	505471.6	5407889.9
L5470.0	505471.6	5407888.9	15224.20020	316.76	117.03	48.823957	-86.925455	56469.46	56241.6	8.41	56477.88	56477.75000	56494.07157	56493.32813	505471.6	5407888.9
L5470.0	505471.6	5407887.7	15224.29981	315.78	117.03	48.823946	-86.925455	56471.18	56241.6	8.41	56479.59	56479.54297	56495.46868	56494.83984	505471.6	5407887.7
L5470.0	505471.6	5407887.7	15224.40039	314.88	116.73	48.823946	-86.925455	56472.86	56241.6	8.41	56481.27	56481.30469	56496.57639	56496.06641	505471.6	5407887.7
L5470.0	505471.7	5407886.5	15224.50000	314.02	116.09	48.823935	-86.925454	56474.57	56241.6	8.41	56482.98	56483.09766	56498.71313	56498.31641	505471.7	5407886.5
L5470.0	505471.7	5407885.3	15224.59961	312.60	116.09	48.823925	-86.925454	56476.23	56241.6	8.41	56484.64	56484.83594	56500.13752	56499.85938	505471.7	5407885.3
L5470.0	505471.7	5407884.3	15224.70020	311.52	116.09	48.823916	-86.925453	56477.86	56241.6	8.41	56486.27	56486.54688	56501.30116	56501.13672	505471.7	5407884.3
L5470.0	505471.7	5407884.3	15224.79981	311.63	115.46	48.823916	-86.925453	56479.50	56241.6	8.41	56487.91	56488.26563	56503.06308	56503.01172	505471.7	5407884.3
L5470.0	505471.7	5407883.0	15224.90039	312.63	115.46	48.823904	-86.925453	56481.13	56241.6	8.41	56489.54	56489.96875	56504.99599	56505.05859	505471.7	5407883.0
L5470.0	505471.8	5407882.1	15225.00000	311.39	115.28	48.823896	-86.925453	56482.76	56241.6	8.41	56491.17	56491.67578	56507.31224	56507.48828	505471.8	5407882.1
L5470.0	505471.8	5407882.1	15225.00000	311.39	114.13	48.823896	-86.925453	56484.29	56241.6	8.41	56492.70	56493.28125	56507.92649	56508.21875	505471.8	5407882.1
L5470.0	505471.8	5407881.0	15225.20020	311.63	114.13	48.823886	-86.925452	56485.86	56241.6	8.41	56494.26	56494.91406	56509.56582	56509.96875	505471.8	5407881.0
L5470.0	505471.8	5407880.0	15225.29981	311.88	115.13	48.823877	-86.925452	56487.46	56241.6	8.41	56495.86	56496.58594	56512.43289	56512.94531	505471.8	5407880.0
L5470.0	505471.8	5407878.8	15225.40039	314.61	114.97	48.823867	-86.925452	56488.89	56241.6	8.41	56497.29	56498.08594	56512.16882	56512.79297	505471.8	5407878.8
L5470.0	505471.8	5407877.9	15225.50000	315.93	114.59	48.823858	-86.925452	56490.44	56241.6	8.41	56498.85	56499.71875	56515.00612	56515.74219	505471.8	5407877.9
L5470.0	505471.8	5407877.9	15225.59961	313.00	114.59	48.823858	-86.925452	56491.88	56241.6	8.40	56500.28	56501.21484	56515.54383	56516.39063	505471.8	5407877.9
L5470.0	505471.9	5407876.7	15225.70020	313.62	114.59	48.823847	-86.925452	56493.36	56241.6	8.40	56501.76	56502.76563	56517.52543	56518.48047	505471.9	5407876.7
L5470.0	505471.9	5407876.7	15225.79981	315.09	100.52	48.823847	-86.925452	56494.76	56241.6	8.40	56503.16	56504.23047	56518.23622	56519.29688	505471.9	5407876.7
L5470.0	505471.9	5407875.5	15225.90039	315.86	108.11	48.823837	-86.925452	56496.21	56241.6	8.40	56504.62	56505.75391	56520.61455	56521.78516	505471.9	5407875.5
L5470.0	505471.9	5407874.7	15226.00000	318.45	108.11	48.823830	-86.925451	56497.67	56241.6	8.40	56506.07	56507.26953	56523.19770	56524.47656	505471.9	5407874.7
L5470.0	505471.9	5407873.7	15226.09961	317.82	113.4	48.823821	-86.925451	56499.10	56241.6	8.40	56507.50	56508.76172	56525.77058	56527.15625	505471.9	5407873.7
L5470.0	505471.9	5407872.8	15226.20020	316.80	113.4	48.823812	-86.925451	56500.42	56241.6	8.40	56508.82	56510.14453	56526.38158	56527.87109	505471.9	5407872.8
L5470.0	505471.9	5407872.8	15226.29981	317.50	109.04	48.823812	-86.925451	56501.83	56241.6	8.40	56510.23	56511.61328	56529.33811	56530.93359	505471.9	5407872.8
L5470.0	505471.9	5407871.9	15226.40039	316.03	109.04	48.823804	-86.925451	56503.16	56241.6	8.40	56511.56	56513.00391	56530.95905	56532.66016	505471.9	5407871.9
L5470.0	505471.9	5407870.9	15226.50000	313.44	104.49	48.823795	-86.925451	56504.51	56241.6	8.40	56512.91	56514.41406	56533.42320	56535.23047	505471.9	5407870.9
L5470.0	505471.9	5407870.1	15226.59961	312.95	104.49	48.823788	-86.925450	56505.81	56241.6	8.40	56514.21	56515.76953	56535.18815	56537.09766	505471.9	5407870.1
L5470.0	505471.9	5407870.1	15226.70020	312.86	108.94	48.823788	-86.925450	56507.06	56241.6	8.40	56515.46	56517.07422	56536.23958	56538.25391	505471.9	5407870.1
L5470.0	505472.0	5407869.1	15226.79981	312.80	111.73	48.823778	-86.925450	56508.36	56241.6	8.40	56516.76	56518.42969	56538.81512	56540.92969	505472.0	5407869.1
L5470.0	505472.0	5407868.2	15226.90039	313.70	109.49	48.823771	-86.925450	56509.58	56241.6	8.40	56517.98	56519.70313	56540.00694	56542.22266	505472.0	5407868.2
L5470.0	505472.0	5407868.2	15227.00000	314.29	109.49	48.823771	-86.925450	56510.86	56241.6	8.40	56519.26	56521.03516	56542.97564	56545.29297	505472.0	5407868.2
L5470.0	505472.0	5407867.3	15227.00000	314.29	110.82	48.823763	-86.925450	56512.01	56241.6	8.40	56520.41	56522.23828	56543.41420	56545.83203	505472.0	5407867.3
L5470.0	505472.0	5407866.4	15227.20020	317.19	110.82	48.823755	-86.925449	56513.16	56241.6	8.40	56521.56	56523.43750	56544.26627	56546.78516	505472.0	5407866.4
L5470.0	505472.0	5407866.4	15227.29981	314.38	110.9	48.823755	-86.925449	56514.34	56241.6	8.41	56522.74	56524.66797	56546.23048	56548.84766	505472.0	5407866.4
L5470.0	505472.0	5407865.8	15227.40039	315.36	110.9	48.823749	-86.925449	56515.48	56241.6	8.41	56523.89	56525.86328	56547.93614	56550.65234	505472.0	5407865.8
L5470.0	505472.0	5407865.2	15227.50000	317.31	96.98	48.823744	-86.925449	56516.53	56241.6	8.41	56524.94	56526.96094	56547.75332	56550.57031	505472.0	5407865.2
L5470.0	505472.0	5407865.2	15227.59961	315.04	94.64	48.823744	-86.925449	56517.60	56241.6	8.41	56526.01	56528.07813	56548.46231	56551.37500	505472.0	5407865.2
L5470.0	505472.0	5407864.4	15227.70020	317.30	93.55	48.823736	-86.925449	56518.64	56241.6	8.41	56527.06	56529.17188	56549.13931	56552.15234	505472.0	5407864.4
L5470.0	505472.0	5407863.6	15227.79981	316.41	93.55	48.823730	-86.925450	56519.67	56241.6	8.42	56528.08	56530.23828	56549.55051	56552.66016	505472.0	5407863.6
L5470.0	505472.0	5407862.9	15227.90039	315.62	109.36	48.823724	-86.925450	56520.66	56241.6	8.42	56529.08	56531.27734	56549.93606	56553.14063	505472.0	5407862.9
L5470.0	505472.0	5407862.9	15228.00000	316.72	109.36	48.823724	-86.925450	56521.71	56241.6	8.42	56530.13	56532.37109	56551.96096	56555.26172	505472.0	5407862.9
L5470.0	505472.0	5407862.3	15228.09961	314.43	109.44	48.823718	-86.925450	56522.70	56241.6	8.42	56531.12	56533.40234	56553.03304	56556.42969	505472.0	5407862.3
L5470.0	505472.0	5407861.6	15228.20020	314.25	109.44	48.823711	-86.925450	56523.65	56241.6	8.42	56532.07	56534.39063	56553.62917	56557.11719	505472.0	5407861.6
L5470.0	505472.0	5407861.1	15228.29981	316.52	109.3	48.823707	-86.925450	56524.62	56241.6	8.42	56533.04	56535.40234	56555.18543	56558.76953	505472.0	5407861.1
L5470.0	505472.0	5407860.5	15228.40039	316.93	109.3	48.823701	-86.925450	56525.48	56241.6	8.42	56533.90	56536.29688	56554.61641	56558.29297	505472.0	5407860.5
L5470.0	505472.0	5407859.9	15228.50000	317.77	108.82	48.823696	-86.925450	56526.48	56241.6	8.42	56534.89	56537.32422	56557.65384	56561.42578	505472.0	5407859.9
L5470.0	505472.0	5407859.9	15228.59961	319.87	108.87	48.823696	-86.925450	56527.30	56241.6	8.41	56535.71	56538.18359	56557.15163	56561.01563	505472.0	5407859.9
L5470.0	505472.0	5407859.4	15228.70020	319.22	108.94	48.823691	-86.925450	56528.21	56241.6	8.41	56536.63	56539.13672	56559.56127	56563.51563	505472.0	5407859.4
L5470.0	505472.0	5407858.7	15228.79981	317.61	108.94	48.823685	-86.925450	56528.96	56241.6	8.41	56537.37	56539.91016	56558.20411	56562.25000	505472.0	5407858.7
L5470.0	505472.0	5407858.2	15228.90039	317.75	108.75	48.823680	-86.925450	56529.82	56241.6	8.41	56538.23	56540.80469	56560.25040	56564.38672	505472.0	5407858.2
L5470.0	505472.0	5407858.2	15229.00000	316.39	108.45	48.823680	-86.925450	56530.59	56241.6	8.41	56539.00	56541.60938	56560.68980	56564.91797	505472.0	5407858.2
L5470.0	505472.0	5407857.3	15229.00000	316.39	108.45	48.823673	-86.925450	56531.46	56241.6	8.41	56539.87	56542.51172	56564.05691	56568.37500	505472.0	5407857.3
L5470.0	505472.0	5407857.3	15229.20020	314.85	107.99	48.823673	-86.925450	56532.20	56241.6	8.41	56540.61	56543.28125	56564.86788	56569.27734	505472.0	5407857.3
L5470.0	505472.0	5407856.8	15229.29981	313.72	107.99	48.823668	-86.925450	56532.88	56241.6	8.40	56541.29	56543.99219	56564.80131	56569.30078	505472.0	5407856.8
L5470.0	505472.0	5407856.3	15229.40039	314.03	92.27	48.823664	-86.925450	56533.60	56241.6	8.40	56542.00	56544.73438	56566.00030	56570.58984	505472.0	5407856.3
L5470.0	505472.0	5407855.8	15229.50000	315.10	86.03	48.823659	-86.925450	56534.24	56241.6	8.40	56542.64	56545.40234	56566.09694	56570.77344	505472.0	5407855.8
L5470.0	505472.0	5407855.8	15229.59961	314.64	83.94	48.823659	-86.925450	56534.88	56241.6	8.40	56543.27	56546.06250	56566.51379	56571.28125	505472.0	5407855.8
L5470.0	505472.0	5407855.1	15229.70020	314.61	83.94	48.823653	-86.925449	56535.59	56241.6	8.40	56543.99	56546.80859	56569.60524	56574.45703	505472.0	5407855.1
L5470.0	505472.0	5407855.1	15229.79981	317.74	106.76	48.823653	-86.925449	56536.18	56241.6	8.39	56544.57	56547.41797	56569.97760	56574.91797	505472.0	5407855.1
L5470.0	505472.1	5407854.4	15229.90039	316.63	106.07	48.823647	-86.925449	56536.76	56241.6	8.39	56545.15	56548.02734	56570.92931	56575.95703	505472.1	5407854.4
L5470.0	505472.1	5407854.4	15230.00000	316.30	106.09	48.823647	-86.925449	56537.30	56241.6	8.39	56545.69	56548.59375	56571.51731	56576.63281	505472.1	5407854.4
L5470.0	505472.1	5407854.0	15230.09961	317.55	106.09	48.823643	-86.925449	56537.89	56241.6	8.39	56546.28	56549.20703	56573.84952	56579.05469	505472.1	5407854.0
L5470.0	505472.1	5407853.6	15230.20020	315.89	105.96	48.823639	-86.925449	56538.40	56241.6	8.39	56546.79	56549.74609	56574.87378	56580.16406	505472.1	5407853.6
L5470.0	505472.1	5407853.6	15230.29981	316.11	105.72	48.823639	-86.925449	56538.89	56241.6	8.40	56547.28	56550.26172	56575.99682	56581.37500	505472.1	5407853.6
L5470.0	505472.1	5407853.2	15230.40039	316.14	105.59	48.823636	-86.925449	56539.29	56241.6	8.40	56547.69	56550.69531	56575.76470	56581.22656	505472.1	5407853.2
L5470.0	505472.1	5407852.8	15230.50000	315.08	105.59	48.823632	-86.925449	56539.70	56241.6	8.40	56548.10	56551.12891	56576.05802	56581.60938	505472.1	5407852.8
L5470.0	505472.1	5407852.6	15230.59961	313.66	105.07	48.823630	-86.925448	56540.11	56241.6	8.40	56548.51	56551.56250	56576.86266	56582.50000	505472.1	5407852.6
L5470.0	505472.1	5407852.3	15230.70020	314.30	104.78	48.823628	-86.925448	56540.46	56241.6	8.40	56548.87	56551.94922	56576.89629	56582.61719	505472.1	5407852.3
L5470.0	505472.1	5407852.3	15230.79981	313.87	105.01	48.823628	-86.925448	56540.75	56241.6	8.41	56549.15	56552.25391	56576.61286	56582.42188	505472.1	5407852.3
L5470.0	505472.1	5407852.1	15230.90039	313.21	104.51	48.823626	-86.925448	56541.00	56241.6	8.41	56549.41	56552.53516	56575.04008	56580.93359	505472.1	5407852.1
L5470.0	505472.1	5407851.9	15231.00000	315.31	104.45	48.823624	-86.925448	56541.33	56241.6	8.41	56549.74	56552.89063	56574.82987	56580.80859	505472.1	5407851.9
L5470.0	505472.1	5407851.7	15231.00000	315.31	104.45	48.823622	-86.925448	56541.48	56241.6	8.41	56549.89	56553.06250	56571.55664	56577.62109	505472.1	5407851.7

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5470.0	505472.1	5407851.5	15231.20020	318.32	104.55	48.823621	-86.925448	56541.79	56241.6	8.40	56550.19	56553.38672	56571.06125	56577.21094	505472.1	5407851.5
L5470.0	505472.1	5407851.4	15231.29981	320.39	104.5	48.823620	-86.925448	56541.90	56241.6	8.40	56550.30	56553.51953	56567.11482	56573.35156	505472.1	5407851.4
L5470.0	505472.1	5407851.3	15231.40039	320.83	104.5	48.823619	-86.925448	56542.05	56241.6	8.40	56550.45	56553.69141	56563.90246	56570.22266	505472.1	5407851.3
L5470.1	505471.1	5410048.8	15836.70020	429.77	0	48.843387	-86.925433	56779.97	56239.5	10.49	56790.47	56780.30078	56673.02769	56733.09375	505471.1	5410048.8
L5470.1	505471.1	5410048.8	15836.79981	431.23	0	48.843387	-86.925433	56779.38	56239.5	10.50	56789.88	56779.67969	56686.31039	56745.55859	505471.1	5410048.8
L5470.1	505471.0	5410048.4	15836.90039	430.59	0	48.843384	-86.925434	56778.78	56239.5	10.50	56789.28	56779.05078	56699.46908	56757.89453	505471.0	5410048.4
L5470.1	505471.0	5410048.2	15837.00000	429.64	0	48.843382	-86.925435	56778.10	56239.5	10.50	56788.60	56778.33984	56710.71269	56768.31250	505471.0	5410048.2
L5470.1	505470.9	5410047.9	15837.09961	430.16	0	48.843379	-86.925436	56777.50	56239.5	10.50	56788.00	56777.71094	56724.14057	56780.91797	505470.9	5410047.9
L5470.1	505470.9	5410047.9	15837.20020	430.55	0	48.843379	-86.925436	56776.80	56239.5	10.50	56787.30	56776.98047	56735.14593	56791.10547	505470.9	5410047.9
L5470.1	505470.8	5410047.5	15837.29981	429.06	0	48.843376	-86.925437	56776.09	56239.5	10.50	56786.59	56776.23828	56746.03671	56801.17969	505470.8	5410047.5
L5470.1	505470.7	5410047.0	15837.40039	430.30	0	48.843371	-86.925438	56775.13	56239.5	10.50	56785.63	56775.25000	56750.67078	56805.00000	505470.7	5410047.0
L5470.1	505470.7	5410047.0	15837.50000	431.24	0	48.843371	-86.925438	56774.18	56239.5	10.50	56784.68	56774.26563	56755.71066	56809.22266	505470.7	5410047.0
L5470.1	505470.7	5410046.7	15837.59961	430.77	0	48.843368	-86.925438	56773.21	56239.5	10.50	56783.71	56773.26563	56760.39308	56813.09375	505470.7	5410046.7
L5470.1	505470.6	5410046.3	15837.70020	431.69	0	48.843365	-86.925439	56772.40	56239.5	10.50	56782.90	56772.42188	56769.33305	56821.22656	505470.6	5410046.3
L5470.1	505470.6	5410045.9	15837.79981	432.06	0	48.843361	-86.925440	56771.45	56239.5	10.50	56781.95	56771.44141	56774.85427	56825.94141	505470.6	5410045.9
L5470.1	505470.6	5410045.9	15837.90039	434.81	0	48.843361	-86.925440	56770.65	56239.5	10.50	56781.15	56770.60547	56784.38980	56834.67188	505470.6	5410045.9
L5470.1	505470.6	5410045.5	15838.00000	434.83	0	48.843357	-86.925440	56769.76	56239.5	10.50	56780.26	56769.68359	56791.80094	56841.28516	505470.6	5410045.5
L5470.1	505470.6	5410045.5	15838.09961	433.34	0	48.843357	-86.925440	56768.82	56239.5	10.50	56779.32	56768.70703	56798.11983	56846.80469	505470.6	5410045.5
L5470.1	505470.5	5410044.5	15838.20020	432.72	0	48.843349	-86.925441	56767.76	56239.5	10.50	56778.26	56767.61328	56801.56224	56849.45703	505470.5	5410044.5
L5470.1	505470.5	5410044.5	15838.29981	431.52	0	48.843349	-86.925441	56766.66	56239.5	10.50	56777.16	56766.47656	56804.18570	56851.29688	505470.5	5410044.5
L5470.1	505470.5	5410044.0	15838.40039	432.28	0	48.843344	-86.925441	56765.82	56239.5	10.50	56776.32	56765.60156	56813.68203	56860.01172	505470.5	5410044.0
L5470.1	505470.6	5410043.5	15838.50000	430.45	0	48.843339	-86.925440	56764.71	56239.5	10.50	56775.21	56764.45313	56816.48882	56862.03906	505470.6	5410043.5
L5470.1	505470.6	5410043.5	15838.59961	429.41	0	48.843339	-86.925440	56763.70	56239.5	10.51	56774.21	56763.41406	56822.34751	56867.12109	505470.6	5410043.5
L5470.1	505470.6	5410042.8	15838.70020	431.13	0	48.843334	-86.925440	56762.59	56239.5	10.51	56773.10	56762.26563	56825.63516	56869.64453	505470.6	5410042.8
L5470.1	505470.6	5410042.8	15838.79981	431.51	0	48.843334	-86.925440	56761.43	56239.5	10.51	56771.94	56761.06250	56827.89953	56871.14844	505470.6	5410042.8
L5470.1	505470.6	5410042.2	15838.90039	432.07	0	48.843328	-86.925440	56760.40	56239.5	10.51	56770.91	56759.99219	56833.76180	56876.25391	505470.6	5410042.2
L5470.1	505470.6	5410041.6	15839.00000	431.34	0	48.843322	-86.925440	56759.32	56239.5	10.51	56769.83	56758.86719	56838.62461	56880.36719	505470.6	5410041.6
L5470.1	505470.6	5410041.6	15839.09961	429.74	0	48.843322	-86.925440	56758.44	56239.5	10.51	56768.95	56757.94531	56848.90250	56889.90234	505470.6	5410041.6
L5470.1	505470.6	5410040.9	15839.20020	431.75	0	48.843316	-86.925440	56757.52	56239.5	10.51	56768.03	56756.98047	56858.46238	56898.72656	505470.6	5410040.9
L5470.1	505470.5	5410040.2	15839.29981	431.60	0	48.843310	-86.925441	56756.57	56239.5	10.51	56767.08	56755.98438	56867.57353	56907.10938	505470.5	5410040.2
L5470.1	505470.5	5410040.2	15839.40039	433.15	0	48.843310	-86.925441	56755.25	56239.5	10.51	56765.76	56754.61719	56867.54271	56906.35547	505470.5	5410040.2
L5470.1	505470.5	5410039.4	15839.50000	431.74	0	48.843303	-86.925441	56754.33	56239.5	10.51	56764.83	56753.63672	56877.84589	56915.94141	505470.5	5410039.4
L5470.1	505470.5	5410038.8	15839.59961	429.12	0	48.843297	-86.925441	56753.20	56239.5	10.50	56763.70	56752.45703	56883.38833	56920.77734	505470.5	5410038.8
L5470.1	505470.5	5410038.8	15839.70020	432.00	0	48.843297	-86.925441	56751.98	56239.5	10.50	56762.48	56751.18359	56887.00124	56923.69141	505470.5	5410038.8
L5470.1	505470.5	5410038.2	15839.79981	432.74	0	48.843291	-86.925441	56750.71	56239.5	10.50	56761.22	56749.87109	56889.97951	56925.97656	505470.5	5410038.2
L5470.1	505470.5	5410037.5	15839.90039	431.32	0	48.843286	-86.925441	56749.14	56239.5	10.50	56759.64	56748.23438	56885.16758	56920.48047	505470.5	5410037.5
L5470.1	505470.5	5410037.5	15840.00000	430.13	0	48.843286	-86.925441	56747.75	56239.5	10.50	56758.25	56746.78906	56885.64040	56920.27734	505470.5	5410037.5
L5470.1	505470.5	5410036.9	15840.09961	431.60	0	48.843280	-86.925441	56746.52	56239.5	10.50	56757.02	56745.50000	56890.64469	56924.61328	505470.5	5410036.9
L5470.1	505470.5	5410036.1	15840.20020	433.68	0	48.843273	-86.925441	56745.39	56239.5	10.50	56755.89	56744.31250	56898.65901	56931.96875	505470.5	5410036.1
L5470.1	505470.5	5410036.1	15840.29981	434.19	0	48.843273	-86.925441	56744.10	56239.5	10.50	56754.60	56742.96094	56903.04038	56935.69922	505470.5	5410036.1
L5470.1	505470.6	5410035.2	15840.40039	432.69	0	48.843265	-86.925440	56742.84	56239.5	10.50	56753.34	56741.63672	56908.66946	56940.68750	505470.6	5410035.2
L5470.1	505470.6	5410034.6	15840.50000	433.04	0	48.843259	-86.925440	56741.56	56239.5	10.50	56752.06	56740.29297	56914.28102	56945.66406	505470.6	5410034.6
L5470.1	505470.6	5410034.6	15840.59961	433.89	0	48.843259	-86.925440	56740.34	56239.5	10.50	56750.84	56739.00781	56921.93882	56952.69922	505470.6	5410034.6
L5470.1	505470.7	5410033.8	15840.70020	431.76	0	48.843252	-86.925439	56738.79	56239.5	10.50	56749.29	56737.39063	56921.67077	56951.81641	505470.7	5410033.8
L5470.1	505470.7	5410033.1	15840.79981	430.44	0	48.843246	-86.925439	56737.18	56239.5	10.50	56747.68	56735.71094	56920.40604	56949.94922	505470.7	5410033.1
L5470.1	505470.8	5410032.5	15840.90039	429.22	0	48.843240	-86.925438	56735.59	56239.5	10.50	56746.09	56734.04688	56920.20813	56949.15625	505470.8	5410032.5
L5470.1	505470.8	5410032.5	15841.00000	429.54	0	48.843240	-86.925438	56734.40	56239.5	10.50	56744.90	56732.78516	56930.82285	56959.18359	505470.8	5410032.5
L5470.1	505470.8	5410031.5	15841.09961	430.54	0	48.843232	-86.925437	56732.77	56239.5	10.50	56743.27	56731.07813	56930.75394	56958.53906	505470.8	5410031.5
L5470.1	505470.9	5410030.8	15841.20020	431.92	0	48.843225	-86.925436	56730.95	56239.5	10.50	56741.44	56729.17188	56926.16168	56953.37891	505470.9	5410030.8
L5470.1	505470.9	5410029.9	15841.29981	433.63	0	48.843217	-86.925435	56729.09	56239.5	10.50	56739.59	56727.24219	56921.66965	56948.33203	505470.9	5410029.9
L5470.1	505470.9	5410029.9	15841.40039	433.58	0	48.843217	-86.925435	56727.28	56239.5	10.50	56737.78	56725.35156	56918.82818	56944.94531	505470.9	5410029.9
L5470.1	505471.0	5410029.1	15841.50000	434.09	0	48.843210	-86.925435	56725.70	56239.5	10.50	56736.19	56723.67969	56922.26030	56947.83984	505471.0	5410029.1
L5470.1	505471.1	5410027.9	15841.59961	433.65	0	48.843199	-86.925434	56724.27	56239.5	10.49	56734.76	56722.16406	56930.44277	56955.49609	505471.1	5410027.9
L5470.1	505471.1	5410027.9	15841.70020	433.29	0	48.843199	-86.925434	56722.04	56239.5	10.49	56732.53	56719.84766	56918.80472	56943.33984	505471.1	5410027.9
L5470.1	505471.1	5410027.0	15841.79981	432.27	0	48.843191	-86.925433	56719.85	56239.5	10.49	56730.34	56717.57031	56908.86952	56932.90234	505471.1	5410027.0
L5470.1	505471.2	5410026.1	15841.90039	431.48	0	48.843183	-86.925432	56717.81	56239.5	10.49	56728.30	56715.43750	56903.46621	56927.00000	505471.2	5410026.1
L5470.1	505471.2	5410025.2	15842.00000	430.76	0	48.843175	-86.925432	56715.91	56239.5	10.49	56726.40	56713.44531	56902.35046	56925.39844	505471.2	5410025.2
L5470.1	505471.2	5410025.2	15842.09961	430.28	0	48.843175	-86.925432	56713.89	56239.5	10.49	56724.38	56711.33203	56898.87547	56921.44531	505471.2	5410025.2
L5470.1	505471.3	5410023.9	15842.20020	431.90	0	48.843164	-86.925431	56711.84	56239.5	10.49	56722.33	56709.18359	56895.35683	56917.46094	505471.3	5410023.9
L5470.1	505471.3	5410022.9	15842.29981	431.99	0	48.843154	-86.925430	56709.61	56239.5	10.49	56720.10	56706.85547	56887.96371	56909.61719	505471.3	5410022.9
L5470.1	505471.4	5410021.8	15842.40039	430.06	0	48.843144	-86.925430	56707.48	56239.5	10.49	56717.97	56704.62500	56883.87624	56905.08203	505471.4	5410021.8
L5470.1	505471.4	5410021.8	15842.50000	430.30	0	48.843144	-86.925430	56705.27	56239.5	10.49	56715.76	56702.31250	56878.49433	56899.26563	505471.4	5410021.8
L5470.1	505471.4	5410020.9	15842.59961	429.88	0	48.843136	-86.925430	56703.14	56239.5	10.49	56713.63	56700.07813	56875.92411	56896.26953	505471.4	5410020.9
L5470.1	505471.4	5410019.8	15842.70020	429.07	0	48.843127	-86.925429	56700.87	56239.5	10.49	56711.36	56697.69922	56870.54006	56890.46875	505471.4	5410019.8
L5470.1	505471.4	5410019.8	15842.79981	429.59	0	48.843127	-86.925429	56698.70	56239.5	10.49	56709.19	56695.42188	56868.49584	56888.02344	505471.4	5410019.8
L5470.1	505471.4	5410018.6	15842.90039	427.77	0	48.843115	-86.925429	56696.32	56239.5	10.49	56706.81	56692.92969	56861.86007	56880.99219	505471.4	5410018.6
L5470.1	505471.5	5410017.6	15843.00000	428.57	0	48.843106	-86.925428	56694.00	56239.5	10.49	56704.49	56690.49609	56857.55345	56876.30078	505471.5	5410017.6
L5470.1	505471.5	5410016.5	15843.09961	429.48	0	48.843096	-86.925428	56691.55	56239.5	10.49	56702.04	56687.93359	56850.71638	56869.08594	505471.5	5410016.5
L5470.1	505471.5	5410016.5	15843.20020	430.14	0	48.843096	-86.925428	56689.23	56239.5	10.49	56699.72	56685.49609	56848.01226	56866.01953	505471.5	5410016.5
L5470.1	505471.5	5410015.1	15843.29981	429.59	0	48.843084	-86.925428	56686.78	56239.5	10.50	56697.27	56682.92578	56842.78766	56860.44141	505471.5	5410015.1
L5470.1	505471.5	5410013.9	15843.40039	429.35	0	48.843073	-86.925427	56684.29	56239.5	10.50	56694.79	56680.32422	56837.60744	56854.91797	505471.5	5410013.9
L5470.1	505471.5	5410013.9	15843.50000	429.54	0	48.843073	-86.925427	56681.70	56239.5	10.50	56692.20	56677.61328	56830.42633	56847.39844	505471.5	5410013.9
L5470.1	505471.6	5410012.7	15843.59961	430.33	0	48.843063	-86.925427	56679.17	56239.5	10.50	56689.67	56674.95703	56825.60046	56842.24609	505471.6	5410012.7
L5470.1	505471.6	5410011.7	15843.70020	429.96	0	48.843054	-86.925427	56676.40	56239.5	10.50	56686.90	56672.06250	56815.44948	56831.77734	505471.6	5410011.7
L5470.1	505471.6	5410010.5	15843.79981	428.51	0	48.843042	-86.925426	56673.91	56239.5	10.51	56684.42	56669.45313	56813.54711	56829.57031	505471.6	5410010.5
L5470.1	505471.6	5410010.5	15843.90039	429.22	0	48.843042	-86.925426	56671.11	56239.5	10.51	56681.61	56666.51172	56804.01709	56819.74609	505471.6	5410010.5
L5470.1	505471.7	5410009.2	15844.00000	429.94	0	48.843031	-86.925426	56668.42	56239.5	10.51	56678.93	56663.70313	56798.63925	56814.07813	505471.7	5410009.2
L5470.1	505471.7	5410008.2	15844.09961	431.79	0	48.843022	-86.925425	56665.85	56239.5	10.51	56676.36	56660.99609	56796.90085	56812.05859	505471.7	5410008.2
L5470.1	505471.7	5410008.2	15844.20020	431.56	0	48.843022	-86.925425	56663.07	56239.5	10.50	56673.57	56658.07031	56790.35000	56805.23828	505471.7	5410008.2
L5470.1	505471.7	5410007.1	15844.29981	430.48	0	48.843013	-86.925425	56660.34	56239.5	10.50	56670.84	56655.20313	56786.15506	56800.78516	505471.7	5410007.1
L5470.1	505471.8	5410005.7	15844.40039	429.44	0	48.843000	-86.925424	56657.58	56239.5	10.50	56668.08	56652.30469	56782.00875	56796.38672	505471.8	5410005.7
L5470.1	505471.8	5410005.7	15844.50000	429.78	0	48.843000	-86.925424	56654.54	56239.5	10.50	56665.04	56649.12500	56771.50584	56785.63672	505471.8	5410005.7
L5470.1	505471.8	5410004.7	15844.59961	429.89	0	48.842990	-86.925424	56651.64	56239.5	10.49	56662.13	56646.07422	56765.14179	56779.03516	505471.8	5410004.7
L5470.1	505471.8	5410003.5	15844.70020	430.64	0	48.842980	-86.925424	56648.72	56239.5	10.49	56659.21	56643.01172	56759.32694	56772.99609	505471.8	5410003.5
L5470.1	505471.8	5410002.6	15844.79981	431.58	0	48.842972	-86.925424	56645.79	56239.5	10.49	56656.27	56639.92578	56753.80008	56767.25000	505471.8	5410002.6
L5470.1	505471.9	5410001.5	15844.90039	432.77	0	48.842962	-86.925423	56642.75	56239.5	10.48	56653.23	56636.73828	56746.50677	56759.75000	505471.9	5410001.5
L5470.1	505471.9	5410001.5	15845.00000	431.07	0	48.842962	-86.925423	56639.89	56239.5	10.48	56650.38	56633.74219	56744.86696	56757.90625	505471.9	5410001.5
L5470.1	505471.9	5410000.2	15845.09961	429.70	0	48.842950	-86.925423	56636.74	56239.5	10.48	56647.22	56630.43359	56736.06959	56748.91016	505471.9	5410000.2
L5470.1	505471.9	5409999.2	15845.20020	429.54	0	48.842941	-86.925422	56633.77	56239.5	10.48	56644.25	56627.31250	56732.91109	56745.56641	505471.9	5409999.2
L5470.1	505471.9	5409999.2	15845.29981	429.75	0	48.842941	-86.925422	56630.55	56239.5	10.49	56641.04	56623.94922	56724.37176	56736.84766	505471.9	5409999.2
L5470.1	505472.0	5409997.9	15845.40039	428.90	0	48.842929	-86.925422	56627.42	56239.5	10.49	56637.91	56620.66797	56718.63741	56730.94141	505472.0	5409997.9
L5470.1	505472.0	5409996.3	15845.50000	428.60	0	48.842915	-86.925421	56624.14	56239.5	10.49	56634.64	56617.24219	56710.06488	56722.20313	505472.0	5409996.3
L5470.1	505472.0	5409996.3	15845.59961	430.53	0	48.842915	-86.925421	56620.93	56239.5	10.49	56631.43	56613.87891	56703.76589	56715.74609	505472.0	5409996.3

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5470.1	505472.0	5409995.1	15845.70020	430.72	0	48.842904	-86.925421	56617.82	56239.5	10.49	56628.31	56610.60156	56700.49821	56712.32813	505472.0	5409995.1
L5470.1	505472.1	5409994.0	15845.79981	432.12	0	48.842894	-86.925421	56614.71	56239.5	10.50	56625.20	56607.33594	56698.20222	56709.89063	505472.1	5409994.0
L5470.1	505472.1	5409994.0	15845.90039	434.35	0	48.842894	-86.925421	56611.41	56239.5	10.50	56621.91	56603.89063	56692.00086	56703.55078	505472.1	5409994.0
L5470.1	505472.1	5409992.6	15846.00000	432.94	0	48.842882	-86.925420	56608.04	56239.5	10.50	56618.54	56600.35938	56684.44296	56695.86328	505472.1	5409992.6
L5470.1	505472.1	5409991.4	15846.09961	432.06	0	48.842871	-86.925420	56604.86	56239.5	10.50	56615.36	56597.01953	56682.43021	56693.72656	505472.1	5409991.4
L5470.1	505472.1	5409990.3	15846.20020	430.25	0	48.842861	-86.925420	56601.31	56239.5	10.50	56611.80	56593.30078	56671.35304	56682.53125	505472.1	5409990.3
L5470.1	505472.1	5409990.3	15846.29981	423.87	0	48.842861	-86.925420	56597.99	56239.5	10.50	56608.48	56589.82031	56667.07509	56678.14063	505472.1	5409990.3
L5470.1	505472.2	5409988.6	15846.40039	422.18	0	48.842846	-86.925419	56594.57	56239.5	10.50	56605.07	56586.25000	56661.13182	56672.09375	505472.2	5409988.6
L5470.1	505472.2	5409987.2	15846.50000	425.27	0	48.842833	-86.925419	56591.18	56239.5	10.49	56601.67	56582.69141	56656.06981	56666.92969	505472.2	5409987.2
L5470.1	505472.2	5409987.2	15846.59961	426.42	0	48.842833	-86.925419	56587.53	56239.5	10.49	56598.03	56578.89063	56645.47236	56656.23438	505472.2	5409987.2
L5470.1	505472.2	5409985.7	15846.70020	425.80	0	48.842820	-86.925418	56583.81	56239.5	10.49	56594.30	56575.00000	56633.16564	56643.83984	505472.2	5409985.7
L5470.1	505472.2	5409984.5	15846.79981	424.77	0	48.842809	-86.925418	56580.32	56239.5	10.49	56590.82	56571.35547	56627.84100	56638.43359	505472.2	5409984.5
L5470.1	505472.2	5409984.5	15846.90039	424.77	0	48.842809	-86.925418	56576.91	56239.5	10.49	56587.40	56567.77734	56624.61713	56635.13281	505472.2	5409984.5
L5470.1	505472.3	5409983.2	15847.00000	422.73	0	48.842797	-86.925418	56573.59	56239.5	10.49	56584.08	56564.29688	56624.50226	56634.94141	505472.3	5409983.2
L5470.1	505472.3	5409981.8	15847.09961	424.72	0	48.842785	-86.925417	56569.82	56239.5	10.49	56580.31	56560.36328	56613.39552	56623.76563	505472.3	5409981.8
L5470.1	505472.3	5409981.8	15847.20020	425.85	0	48.842785	-86.925417	56566.22	56239.5	10.49	56576.71	56556.60156	56607.15720	56617.46484	505472.3	5409981.8
L5470.1	505472.3	5409980.6	15847.29981	424.96	0	48.842774	-86.925417	56562.23	56239.5	10.49	56572.72	56552.45313	56591.42978	56601.67969	505472.3	5409980.6
L5470.1	505472.3	5409979.2	15847.40039	426.33	0	48.842761	-86.925417	56558.66	56239.5	10.49	56569.15	56548.72266	56586.93855	56597.13281	505472.3	5409979.2
L5470.1	505472.3	5409979.2	15847.50000	424.97	0	48.842761	-86.925417	56554.96	56239.5	10.49	56565.45	56544.86328	56579.58153	56589.72656	505472.3	5409979.2
L5470.1	505472.4	5409977.6	15847.59961	424.99	0	48.842747	-86.925417	56551.34	56239.5	10.49	56561.83	56541.08594	56574.71868	56584.81641	505472.4	5409977.6
L5470.1	505472.4	5409976.5	15847.70020	427.42	0	48.842737	-86.925416	56547.48	56239.5	10.49	56557.97	56537.06641	56564.13742	56574.19531	505472.4	5409976.5
L5470.1	505472.4	5409975.4	15847.79981	427.06	0	48.842727	-86.925416	56543.66	56239.5	10.49	56554.15	56533.08984	56554.98986	56565.01172	505472.4	5409975.4
L5470.1	505472.4	5409974.4	15847.90039	426.26	0	48.842718	-86.925416	56539.98	56239.5	10.49	56550.47	56529.25391	56549.81845	56559.80859	505472.4	5409974.4
L5470.1	505472.4	5409974.4	15848.00000	424.49	0	48.842718	-86.925416	56536.10	56239.5	10.49	56546.59	56525.21875	56539.89789	56549.85547	505472.4	5409974.4
L5470.1	505472.4	5409973.2	15848.09961	426.90	0	48.842707	-86.925416	56532.33	56239.5	10.49	56542.82	56521.29688	56533.14802	56543.08203	505472.4	5409973.2
L5470.1	505472.4	5409971.8	15848.20020	428.34	0	48.842695	-86.925416	56528.39	56239.5	10.49	56538.89	56517.21484	56522.63582	56532.54688	505472.4	5409971.8
L5470.1	505472.4	5409970.6	15848.29981	428.30	0	48.842684	-86.925416	56524.56	56239.5	10.49	56535.06	56513.23438	56515.00043	56524.89453	505472.4	5409970.6
L5470.1	505472.4	5409970.6	15848.40039	426.16	0	48.842684	-86.925416	56520.74	56239.5	10.49	56531.23	56509.25391	56507.66199	56517.54297	505472.4	5409970.6
L5470.1	505472.5	5409969.4	15848.50000	428.10	0	48.842673	-86.925416	56516.91	56239.5	10.50	56527.41	56505.28516	56500.85739	56510.72656	505472.5	5409969.4
L5470.1	505472.5	5409967.7	15848.59961	426.33	0	48.842658	-86.925415	56512.90	56239.5	10.50	56523.40	56501.12891	56489.44577	56499.30859	505472.5	5409967.7
L5470.1	505472.5	5409966.6	15848.70020	426.62	0	48.842648	-86.925415	56508.92	56239.5	10.50	56519.42	56497.00391	56479.04158	56488.89844	505472.5	5409966.6
L5470.1	505472.5	5409966.6	15848.79981	426.10	0	48.842648	-86.925415	56505.07	56239.5	10.50	56515.56	56493.00391	56471.93016	56481.78906	505472.5	5409966.6
L5470.1	505472.5	5409965.2	15848.90039	425.57	0	48.842635	-86.925415	56501.19	56239.5	10.50	56511.69	56488.99219	56464.76302	56474.62500	505472.5	5409965.2
L5470.1	505472.5	5409963.6	15849.00000	424.95	0	48.842621	-86.925415	56497.26	56239.5	10.50	56507.76	56484.92578	56456.24027	56466.10547	505472.5	5409963.6
L5470.1	505472.5	5409963.6	15849.09961	422.95	0	48.842621	-86.925415	56493.07	56239.5	10.50	56503.57	56480.59766	56441.22080	56451.09766	505472.5	5409963.6
L5470.1	505472.5	5409962.2	15849.20020	423.20	0	48.842608	-86.925415	56489.20	56239.5	10.50	56499.70	56476.59375	56434.53778	56444.42578	505472.5	5409962.2
L5470.1	505472.5	5409962.2	15849.29981	422.75	0	48.842608	-86.925415	56485.26	56239.5	10.50	56495.76	56472.52344	56426.18454	56436.08984	505472.5	5409962.2
L5470.1	505472.5	5409960.4	15849.40039	421.47	0	48.842592	-86.925414	56481.41	56239.5	10.50	56491.91	56468.54688	56420.23886	56430.16406	505472.5	5409960.4
L5470.1	505472.6	5409959.2	15849.50000	421.70	0	48.842581	-86.925414	56477.23	56239.5	10.50	56487.73	56464.24219	56405.92582	56415.87109	505472.6	5409959.2
L5470.1	505472.6	5409959.2	15849.59961	422.59	0	48.842581	-86.925414	56473.38	56239.5	10.50	56483.88	56460.26953	56400.12731	56410.09766	505472.6	5409959.2
L5470.1	505472.6	5409956.4	15849.70020	424.83	0	48.842556	-86.925414	56469.34	56239.5	10.50	56479.84	56456.10938	56389.50767	56399.50391	505472.6	5409956.4
L5470.1	505472.6	5409956.4	15849.79981	426.02	0	48.842556	-86.925414	56465.36	56239.5	10.50	56475.86	56452.01172	56380.44952	56390.47656	505472.6	5409956.4
L5470.1	505472.6	5409954.9	15849.90039	424.30	0	48.842543	-86.925414	56461.40	56239.5	10.50	56471.90	56447.94141	56371.90919	56381.97266	505472.6	5409954.9
L5470.1	505472.6	5409953.9	15850.00000	423.94	0	48.842533	-86.925414	56457.47	56239.5	10.50	56467.97	56443.89844	56364.12347	56374.22266	505472.6	5409953.9
L5470.1	505472.6	5409953.9	15850.09961	422.17	0	48.842533	-86.925414	56453.49	56239.5	10.50	56463.99	56439.81250	56355.02448	56365.16016	505472.6	5409953.9
L5470.1	505472.6	5409951.8	15850.20020	423.40	0	48.842515	-86.925414	56449.36	56239.5	10.50	56459.86	56435.57813	56342.03226	56352.21094	505472.6	5409951.8
L5470.1	505472.6	5409950.6	15850.29981	423.51	0	48.842504	-86.925414	56445.48	56239.5	10.51	56455.98	56431.60156	56335.37099	56345.59766	505472.6	5409950.6
L5470.1	505472.6	5409950.6	15850.40039	423.69	0	48.842504	-86.925414	56441.47	56239.5	10.51	56451.98	56427.50391	56325.54667	56335.82031	505472.6	5409950.6
L5470.1	505472.6	5409949.3	15850.50000	423.60	0	48.842492	-86.925413	56437.62	56239.5	10.51	56448.13	56423.56250	56319.45460	56329.78125	505472.6	5409949.3
L5470.1	505472.6	5409948.0	15850.59961	425.38	0	48.842481	-86.925413	56433.59	56239.5	10.51	56444.10	56419.44531	56308.62533	56319.00781	505472.6	5409948.0
L5470.1	505472.6	5409946.3	15850.70020	426.13	0	48.842465	-86.925413	56429.63	56239.5	10.51	56440.15	56415.41016	56299.69826	56310.13672	505472.6	5409946.3
L5470.1	505472.6	5409946.3	15850.79981	426.64	0	48.842465	-86.925413	56425.60	56239.5	10.52	56436.11	56411.28906	56288.30145	56298.80078	505472.6	5409946.3
L5470.1	505472.6	5409946.3	15850.90039	423.90	0	48.842465	-86.925413	56421.44	56239.5	10.52	56431.96	56407.06250	56273.90429	56284.46875	505472.6	5409946.3
L5470.1	505472.7	5409944.2	15851.00000	423.24	0	48.842446	-86.925413	56417.36	56239.5	10.52	56427.88	56402.91406	56261.09788	56271.73047	505472.7	5409944.2
L5470.1	505472.7	5409943.1	15851.09961	424.51	0	48.842436	-86.925413	56413.66	56239.5	10.52	56424.18	56399.14453	56257.80256	56268.50391	505472.7	5409943.1
L5470.1	505472.7	5409941.8	15851.20020	422.26	0	48.842425	-86.925413	56409.90	56239.5	10.52	56420.42	56395.32422	56252.73266	56263.50781	505472.7	5409941.8
L5470.1	505472.7	5409941.8	15851.29981	421.90	0	48.842425	-86.925413	56405.67	56239.5	10.52	56416.18	56391.02734	56235.11487	56245.96875	505472.7	5409941.8
L5470.1	505472.7	5409940.3	15851.40039	422.84	0	48.842411	-86.925413	56401.64	56239.5	10.52	56412.15	56386.94141	56222.60098	56233.53516	505472.7	5409940.3
L5470.1	505472.7	5409940.3	15851.50000	425.36	0	48.842411	-86.925413	56397.96	56239.5	10.51	56408.47	56383.21484	56218.75848	56229.77734	505472.7	5409940.3
L5470.1	505472.7	5409939.3	15851.59961	426.03	0	48.842402	-86.925413	56394.26	56239.5	10.51	56404.77	56379.46875	56214.09489	56225.19922	505472.7	5409939.3
L5470.1	505472.7	5409938.2	15851.70020	427.68	0	48.842392	-86.925413	56390.18	56239.5	10.51	56400.69	56375.35156	56199.37396	56210.57031	505472.7	5409938.2
L5470.1	505472.7	5409936.6	15851.79981	427.90	0	48.842377	-86.925413	56386.27	56239.5	10.51	56396.78	56371.40625	56188.66299	56199.95313	505472.7	5409936.6
L5470.1	505472.7	5409936.6	15851.90039	426.41	0	48.842377	-86.925413	56382.46	56239.5	10.51	56392.98	56367.57813	56180.40849	56191.79688	505472.7	5409936.6
L5470.1	505472.7	5409934.7	15852.00000	426.07	0	48.842361	-86.925413	56378.87	56239.5	10.51	56389.38	56363.95703	56176.89836	56188.39063	505472.7	5409934.7
L5470.1	505472.7	5409933.2	15852.09961	427.73	0	48.842347	-86.925413	56374.76	56239.5	10.51	56385.27	56359.82813	56159.93421	56171.53125	505472.7	5409933.2
L5470.1	505472.7	5409931.8	15852.20020	426.04	0	48.842335	-86.925413	56370.81	56239.5	10.51	56381.31	56355.85547	56146.40091	56158.10547	505472.7	5409931.8
L5470.1	505472.7	5409931.8	15852.29981	426.72	0	48.842335	-86.925413	56367.36	56239.5	10.51	56377.87	56352.41016	56145.75718	56157.57813	505472.7	5409931.8
L5470.1	505472.7	5409930.3	15852.40039	425.81	0	48.842321	-86.925413	56363.64	56239.5	10.51	56374.14	56348.67578	56137.24438	56149.17969	505472.7	5409930.3
L5470.1	505472.7	5409928.8	15852.50000	425.79	0	48.842308	-86.925413	56359.88	56239.5	10.51	56370.39	56344.92969	56127.76080	56139.81641	505472.7	5409928.8
L5470.1	505472.7	5409928.8	15852.59961	426.44	0	48.842308	-86.925413	56356.03	56239.5	10.50	56366.54	56341.08984	56115.24211	56127.42578	505472.7	5409928.8
L5470.1	505472.7	5409927.4	15852.70020	424.11	0	48.842295	-86.925413	56352.28	56239.5	10.50	56362.78	56337.34375	56104.53837	56116.85156	505472.7	5409927.4
L5470.1	505472.7	5409926.1	15852.79981	426.03	0	48.842284	-86.925413	56348.81	56239.5	10.50	56359.31	56333.89453	56100.75593	56113.20313	505472.7	5409926.1
L5470.1	505472.7	5409926.1	15852.90039	426.08	0	48.842284	-86.925413	56345.23	56239.5	10.50	56355.73	56330.34375	56093.63650	56106.21875	505472.7	5409926.1
L5470.1	505472.7	5409922.8	15853.00000	426.57	0	48.842253	-86.925412	56341.48	56239.5	10.50	56351.98	56326.62500	56081.62876	56094.35156	505472.7	5409922.8
L5470.1	505472.7	5409922.8	15853.09961	423.81	0	48.842253	-86.925412	56337.88	56239.5	10.50	56348.38	56323.06250	56072.91271	56085.78125	505472.7	5409922.8
L5470.1	505472.7	5409922.8	15853.20020	423.82	0	48.842253	-86.925412	56334.41	56239.5	10.50	56344.91	56319.63672	56066.96182	56079.98047	505472.7	5409922.8
L5470.1	505472.7	5409921.2	15853.29981	423.50	0	48.842239	-86.925412	56330.89	56239.5	10.50	56341.39	56316.16797	56059.15250	56072.32813	505472.7	5409921.2
L5470.1	505472.7	5409919.9	15853.40039	422.63	0	48.842228	-86.925412	56327.55	56239.5	10.50	56338.05	56312.88281	56055.36074	56068.69531	505472.7	5409919.9
L5470.1	505472.7	5409917.9	15853.50000	425.79	0	48.842210	-86.925412	56323.95	56239.5	10.50	56334.44	56309.33594	56044.04925	56057.54297	505472.7	5409917.9
L5470.1	505472.8	5409917.0	15853.59961	426.87	0	48.842202	-86.925412	56320.40	56239.5	10.49	56330.89	56305.85156	56033.65534	56047.31641	505472.8	5409917.0
L5470.1	505472.8	5409917.0	15853.70020	428.28	0	48.842202	-86.925412	56317.06	56239.5	10.49	56327.55	56302.58594	56028.00710	56041.83984	505472.8	5409917.0
L5470.1	505472.8	5409915.5	15853.79981	427.50	0	48.842188	-86.925412	56313.77	56239.5	10.49	56324.26	56299.37891	56022.99439	56037.00391	505472.8	5409915.5
L5470.1	505472.8	5409914.2	15853.90039	429.18	0	48.842176	-86.925412	56310.44	56239.5	10.49	56320.93	56296.13672	56016.29991	56030.48828	505472.8	5409914.2
L5470.1	505472.8	5409914.2	15854.00000	429.12	0	48.842176	-86.925412	56307.19	56239.5	10.49	56317.68	56292.97656	56010.98433	56025.35938	505472.8	5409914.2
L5470.1	505472.8	5409912.8	15854.09961	429.14	0	48.842164	-86.925412	56303.66	56239.5	10.49	56314.15	56289.54688	55997.81673	56012.37891	505472.8	5409912.8
L5470.1	505472.8	5409911.5	15854.20020	431.56	0	48.842152	-86.925412	56300.49	56239.5	10.50	56310.99	56286.49219	55993.43065	56008.18750	505472.8	5409911.5
L5470.1	505472.8	5409910.2	15854.29981	430.41	0	48.842140	-86.925412	56297.28	56239.5	10.50	56307.78	56283.39063	55987.05926	56002.01172	505472.8	5409910.2
L5470.1	505472.8	5409910.2	15854.40039	430.46	0	48.842140	-86.925412	56293.91	56239.5	10.50	56304.42	56280.14844	55976.13065	55991.28516	505472.8	5409910.2
L5470.1	505472.8	5409908.9	15854.50000	430.70	0	48.842128	-86.925412	56290.54	56239.5	10.50	56301.05	56276.90234	55964.21912	55979.58203	505472.8	5409908.9
L5470.1	505472.8	5409907.1	15854.59961	429.99	0	48.842113	-86.925411	56287.58	56239.5	10.51	56298.09	56274.07031	55962.06959	55977.64063	505472.8	5409907.1
L5470.1	505472.8	5409907.1	15854.70020	429.21	0	48.842113	-86.925411	56284.55	56239.5	10.51	56295.06	56271.17969	55957.37999	55973.16797	505472.8	5409907.1
L5470.1	505472.8	5409905.5	15854.79981	428.39	0	48.842098	-86.925411	56281.64	56239.5	10.51	56292.15	56268.41016	55955.00599	55971.01172	505472.8	5409905.5
L5470.1	505472.8	5409904.4	15854.90039	428.86	0	48.842089	-86.925411	56278.65	56239.5	10.52	56289.17	56265.57813	55950.07255	55966.30469	505472.8	5409904.4

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5470.1	505472.8	5409903.3	15855.00000	428.02	0	48.842079	-86.925411	56275.71	56239.5	10.52	56286.23	56262.79297	55945.38736	55961.84766	505472.8	5409903.3
L5470.1	505472.8	5409903.3	15855.09961	426.90	0	48.842079	-86.925411	56272.71	56239.5	10.52	56283.22	56259.94141	55938.12468	55954.81641	505472.8	5409903.3
L5470.1	505472.8	5409902.0	15855.20020	426.63	0	48.842066	-86.925411	56269.66	56239.5	10.52	56280.18	56257.07031	55929.30034	55946.23047	505472.8	5409902.0
L5470.1	505472.9	5409900.6	15855.29981	425.34	0	48.842054	-86.925411	56266.70	56239.5	10.51	56277.22	56254.28125	55921.72309	55938.89453	505472.9	5409900.6
L5470.1	505472.9	5409900.6	15855.40039	427.36	0	48.842054	-86.925411	56264.06	56239.5	10.51	56274.57	56251.80859	55921.27498	55938.69141	505472.9	5409900.6
L5470.1	505472.9	5409898.8	15855.50000	426.34	0	48.842038	-86.925411	56261.32	56239.5	10.51	56271.83	56249.25391	55917.70535	55935.37109	505472.9	5409898.8
L5470.1	505472.9	5409897.0	15855.59961	427.83	0	48.842022	-86.925411	56258.57	56239.5	10.51	56269.08	56246.69141	55913.05577	55930.97656	505472.9	5409897.0
L5470.1	505472.9	5409895.7	15855.70020	429.51	0	48.842010	-86.925411	56255.70	56239.5	10.51	56266.21	56244.01953	55904.50266	55922.67969	505472.9	5409895.7
L5470.1	505472.9	5409895.7	15855.79981	431.90	0	48.842010	-86.925411	56252.96	56239.5	10.50	56263.46	56241.47266	55898.18562	55916.62500	505472.9	5409895.7
L5470.1	505472.9	5409894.1	15855.90039	430.46	0	48.841995	-86.925411	56250.21	56239.5	10.50	56260.72	56238.93750	55891.28181	55909.98828	505472.9	5409894.1
L5470.1	505472.9	5409892.0	15856.00000	429.58	0	48.841977	-86.925410	56247.54	56239.5	10.50	56258.04	56236.47266	55885.06606	55904.04297	505472.9	5409892.0
L5470.1	505472.9	5409892.0	15856.09961	430.77	0	48.841977	-86.925410	56245.07	56239.5	10.50	56255.57	56234.22266	55883.37439	55902.62891	505472.9	5409892.0
L5470.1	505472.9	5409890.2	15856.20020	430.18	0	48.841960	-86.925410	56242.56	56239.5	10.50	56253.06	56231.93750	55879.79995	55899.33203	505472.9	5409890.2
L5470.1	505472.9	5409888.4	15856.29981	430.70	0	48.841944	-86.925410	56240.27	56239.5	10.50	56250.76	56229.86719	55880.74036	55900.55469	505472.9	5409888.4
L5470.1	505472.9	5409888.4	15856.40039	429.72	0	48.841944	-86.925410	56237.79	56239.5	10.50	56248.28	56227.62109	55876.20441	55896.30469	505472.9	5409888.4
L5470.1	505472.9	5409887.1	15856.50000	429.05	0	48.841932	-86.925410	56235.36	56239.5	10.50	56245.86	56225.44141	55872.33439	55892.72656	505472.9	5409887.1
L5470.1	505472.9	5409887.1	15856.59961	429.15	0	48.841932	-86.925410	56232.88	56239.5	10.49	56243.37	56223.19922	55865.79798	55886.48438	505472.9	5409887.1
L5470.1	505472.9	5409885.4	15856.70020	429.82	0	48.841917	-86.925410	56230.54	56239.5	10.49	56241.03	56221.10938	55862.22612	55883.21094	505472.9	5409885.4
L5470.1	505472.9	5409884.0	15856.79981	430.31	0	48.841905	-86.925410	56228.20	56239.5	10.49	56238.69	56219.02734	55857.77508	55879.06250	505472.9	5409884.0
L5470.1	505472.9	5409884.0	15856.90039	430.97	0	48.841905	-86.925410	56226.16	56239.5	10.49	56236.65	56217.25000	55860.12523	55881.71484	505472.9	5409884.0
L5470.1	505472.9	5409880.6	15857.00000	429.73	0	48.841874	-86.925410	56223.99	56239.5	10.49	56234.48	56215.34766	55858.26337	55880.16406	505472.9	5409880.6
L5470.1	505472.9	5409880.6	15857.09961	430.90	0	48.841874	-86.925410	56221.78	56239.5	10.49	56232.27	56213.40625	55854.49292	55876.70703	505472.9	5409880.6
L5470.1	505472.9	5409879.4	15857.20020	433.94	0	48.841863	-86.925410	56219.63	56239.5	10.49	56230.11	56211.52344	55851.11769	55873.64844	505472.9	5409879.4
L5470.1	505472.9	5409877.9	15857.29981	432.31	0	48.841850	-86.925411	56217.53	56239.5	10.49	56228.02	56209.71484	55848.64930	55871.49609	505472.9	5409877.9
L5470.1	505472.9	5409877.9	15857.40039	431.28	0	48.841850	-86.925411	56215.54	56239.5	10.49	56226.03	56208.01172	55847.85583	55871.02344	505472.9	5409877.9
L5470.1	505472.9	5409876.1	15857.50000	430.43	0	48.841834	-86.925411	56213.62	56239.5	10.49	56224.11	56206.38281	55847.96928	55871.46484	505472.9	5409876.1
L5470.1	505472.9	5409874.6	15857.59961	428.20	0	48.841820	-86.925411	56211.66	56239.5	10.49	56222.15	56204.71875	55846.17335	55870.00000	505472.9	5409874.6
L5470.1	505472.9	5409874.6	15857.70020	427.69	0	48.841820	-86.925411	56209.50	56239.5	10.49	56219.99	56202.85547	55838.37172	55862.52734	505472.9	5409874.6
L5470.1	505472.9	5409872.8	15857.79981	428.14	0	48.841804	-86.925411	56207.57	56239.5	10.49	56218.06	56201.23047	55835.57723	55860.06641	505472.9	5409872.8
L5470.1	505472.9	5409872.8	15857.90039	426.43	0	48.841804	-86.925411	56205.99	56239.5	10.49	56216.48	56199.95703	55840.86454	55865.69141	505472.9	5409872.8
L5470.1	505472.9	5409870.9	15858.00000	422.19	0	48.841787	-86.925411	56204.16	56239.5	10.49	56214.65	56198.44141	55838.87088	55864.03906	505472.9	5409870.9
L5470.1	505472.9	5409869.3	15858.09961	422.15	0	48.841772	-86.925411	56202.18	56239.5	10.49	56212.67	56196.77344	55832.15948	55857.67188	505472.9	5409869.3
L5470.1	505472.9	5409869.3	15858.20020	422.48	0	48.841772	-86.925411	56200.41	56239.5	10.49	56210.90	56195.32422	55829.95203	55855.80859	505472.9	5409869.3
L5470.1	505472.9	5409867.6	15858.29981	422.58	0	48.841757	-86.925411	56198.94	56239.5	10.48	56209.42	56194.16797	55834.30031	55860.50391	505472.9	5409867.6
L5470.1	505472.9	5409866.3	15858.40039	420.72	0	48.841746	-86.925411	56197.24	56239.5	10.48	56207.72	56192.79297	55832.14763	55858.70313	505472.9	5409866.3
L5470.1	505472.9	5409866.3	15858.50000	423.18	0	48.841746	-86.925411	56195.48	56239.5	10.48	56205.96	56191.36328	55827.59507	55854.50391	505472.9	5409866.3
L5470.1	505472.9	5409864.4	15858.59961	424.52	0	48.841728	-86.925411	56193.91	56239.5	10.48	56204.39	56190.12891	55827.04878	55854.31250	505472.9	5409864.4
L5470.1	505472.9	5409863.1	15858.70020	423.54	0	48.841717	-86.925411	56192.58	56239.5	10.48	56203.05	56189.12500	55831.53751	55859.16016	505472.9	5409863.1
L5470.1	505472.9	5409863.1	15858.79981	423.67	0	48.841717	-86.925411	56191.22	56239.5	10.47	56201.69	56188.10547	55834.66396	55862.64453	505472.9	5409863.1
L5470.1	505472.9	5409861.5	15858.90039	424.78	0	48.841703	-86.925411	56189.58	56239.5	10.47	56200.05	56186.80859	55829.77507	55858.11328	505472.9	5409861.5
L5470.1	505472.9	5409859.9	15859.00000	427.01	0	48.841688	-86.925411	56187.98	56239.5	10.47	56198.45	56185.55469	55825.07075	55853.77344	505472.9	5409859.9
L5470.1	505472.9	5409858.5	15859.09961	427.90	0	48.841675	-86.925411	56186.42	56239.5	10.47	56196.89	56184.33984	55820.55662	55849.62500	505472.9	5409858.5
L5470.1	505472.9	5409858.5	15859.20020	428.01	0	48.841675	-86.925411	56185.22	56239.5	10.47	56195.69	56183.49219	55824.43315	55853.86719	505472.9	5409858.5
L5470.1	505472.9	5409857.3	15859.29981	427.18	0	48.841664	-86.925411	56183.98	56239.5	10.47	56194.45	56182.60547	55826.46326	55856.26172	505472.9	5409857.3
L5470.1	505472.9	5409857.3	15859.40039	427.44	0	48.841664	-86.925411	56182.79	56239.5	10.47	56193.26	56181.77344	55828.95808	55859.12500	505472.9	5409857.3
L5470.1	505472.9	5409854.8	15859.50000	429.04	0	48.841642	-86.925411	56181.40	56239.5	10.47	56191.87	56180.73828	55825.52225	55856.05859	505472.9	5409854.8
L5470.1	505472.9	5409853.4	15859.59961	430.44	0	48.841629	-86.925411	56180.19	56239.5	10.47	56190.66	56179.89063	55825.89374	55856.80078	505472.9	5409853.4
L5470.1	505472.9	5409853.4	15859.70020	428.26	0	48.841629	-86.925411	56179.08	56239.5	10.47	56189.55	56179.14063	55828.03102	55859.30859	505472.9	5409853.4
L5470.1	505472.9	5409851.8	15859.79981	429.92	0	48.841615	-86.925411	56178.06	56239.5	10.47	56188.53	56178.48438	55831.68537	55863.33594	505472.9	5409851.8
L5470.1	505472.9	5409850.4	15859.90039	430.68	0	48.841602	-86.925411	56176.73	56239.5	10.47	56187.20	56177.52344	55826.62108	55858.64453	505472.9	5409850.4
L5470.1	505472.9	5409850.4	15860.00000	430.26	0	48.841602	-86.925411	56175.63	56239.5	10.47	56186.10	56176.78906	55826.67429	55859.07031	505472.9	5409850.4
L5470.1	505472.9	5409848.1	15860.09961	429.17	0	48.841581	-86.925411	56174.60	56239.5	10.47	56185.07	56176.12891	55827.75564	55860.52734	505472.9	5409848.1
L5470.1	505472.9	5409846.7	15860.20020	428.33	0	48.841569	-86.925411	56173.66	56239.5	10.47	56184.14	56175.57031	55830.64149	55863.78906	505472.9	5409846.7
L5470.1	505472.9	5409845.3	15860.29981	427.40	0	48.841557	-86.925411	56172.81	56239.5	10.47	56183.29	56175.08984	55834.82798	55868.34766	505472.9	5409845.3
L5470.1	505472.9	5409845.3	15860.40039	425.52	0	48.841557	-86.925411	56171.79	56239.5	10.47	56182.27	56174.44531	55833.92153	55867.81641	505472.9	5409845.3
L5470.1	505472.9	5409843.7	15860.50000	423.53	0	48.841542	-86.925411	56170.93	56239.5	10.47	56181.40	56173.94531	55836.12534	55870.39453	505472.9	5409843.7
L5470.1	505472.9	5409841.7	15860.59961	424.05	0	48.841524	-86.925411	56170.02	56239.5	10.48	56180.50	56173.42188	55836.83870	55871.48047	505472.9	5409841.7
L5470.1	505472.9	5409841.7	15860.70020	425.01	0	48.841524	-86.925411	56168.93	56239.5	10.48	56179.41	56172.70703	55831.97318	55866.99219	505472.9	5409841.7
L5470.1	505472.9	5409840.3	15860.79981	427.03	0	48.841511	-86.925411	56168.10	56239.5	10.48	56178.58	56172.25391	55833.06142	55868.45313	505472.9	5409840.3
L5470.1	505472.9	5409838.4	15860.90039	424.48	0	48.841495	-86.925411	56167.45	56239.5	10.48	56177.92	56171.96875	55837.80782	55873.57031	505472.9	5409838.4
L5470.1	505472.9	5409838.4	15861.00000	424.02	0	48.841495	-86.925411	56166.78	56239.5	10.48	56177.26	56171.68750	55841.86821	55878.00391	505472.9	5409838.4
L5470.1	505472.9	5409837.2	15861.09961	425.17	0	48.841483	-86.925411	56166.00	56239.5	10.48	56176.48	56171.28516	55842.17893	55878.68359	505472.9	5409837.2
L5470.1	505472.9	5409837.2	15861.20020	424.92	0	48.841483	-86.925411	56165.38	56239.5	10.48	56175.86	56171.04297	55845.91966	55882.79688	505472.9	5409837.2
L5470.1	505473.0	5409835.3	15861.29981	426.27	0	48.841467	-86.925411	56164.53	56239.5	10.48	56175.01	56170.57031	55843.11270	55880.35547	505473.0	5409835.3
L5470.1	505472.9	5409833.4	15861.40039	425.68	0	48.841449	-86.925411	56163.88	56239.5	10.48	56174.36	56170.29688	55844.77909	55882.39063	505472.9	5409833.4
L5470.1	505472.9	5409833.4	15861.50000	427.16	0	48.841449	-86.925411	56163.32	56239.5	10.48	56173.80	56170.11328	55848.11156	55886.08984	505472.9	5409833.4
L5470.1	505472.9	5409831.7	15861.59961	427.74	0	48.841434	-86.925411	56162.72	56239.5	10.48	56173.20	56169.88672	55849.79072	55888.13281	505472.9	5409831.7
L5470.1	505472.9	5409829.9	15861.70020	427.97	0	48.841418	-86.925411	56162.06	56239.5	10.48	56172.54	56169.60156	55849.31413	55888.01953	505472.9	5409829.9
L5470.1	505472.9	5409828.6	15861.79981	428.60	0	48.841406	-86.925411	56161.59	56239.5	10.48	56172.07	56169.50781	55853.09356	55892.16016	505472.9	5409828.6
L5470.1	505472.9	5409827.4	15861.90039	428.78	0	48.841395	-86.925411	56161.15	56239.5	10.48	56171.63	56169.44141	55857.04151	55896.46484	505472.9	5409827.4
L5470.1	505472.9	5409827.4	15862.00000	429.98	0	48.841395	-86.925411	56160.56	56239.5	10.48	56171.04	56169.22266	55856.55835	55896.33594	505472.9	5409827.4
L5470.1	505472.9	5409825.8	15862.09961	429.89	0	48.841381	-86.925411	56160.11	56239.5	10.48	56170.59	56169.14453	55859.08027	55899.21484	505472.9	5409825.8
L5470.1	505472.9	5409825.8	15862.20020	431.13	0	48.841381	-86.925411	56159.47	56239.5	10.48	56169.95	56168.87109	55856.16645	55896.65234	505472.9	5409825.8
L5470.1	505472.9	5409824.1	15862.29981	430.57	0	48.841366	-86.925411	56159.09	56239.5	10.48	56169.57	56168.85938	55859.35042	55900.18359	505472.9	5409824.1
L5470.1	505472.9	5409822.4	15862.40039	430.95	0	48.841351	-86.925411	56158.80	56239.5	10.48	56169.27	56168.92578	55864.03258	55905.21094	505472.9	5409822.4
L5470.1	505472.9	5409822.4	15862.50000	430.82	0	48.841351	-86.925411	56158.54	56239.5	10.48	56169.01	56169.02734	55869.19851	55910.71875	505472.9	5409822.4
L5470.1	505472.9	5409820.8	15862.59961	429.46	0	48.841336	-86.925411	56158.01	56239.5	10.47	56168.49	56168.87109	55867.17563	55909.03516	505472.9	5409820.8
L5470.1	505472.9	5409819.2	15862.70020	430.46	0	48.841321	-86.925411	56157.70	56239.5	10.47	56168.18	56168.91797	55870.00964	55912.20703	505472.9	5409819.2
L5470.1	505472.9	5409819.2	15862.79981	431.87	0	48.841321	-86.925411	56157.48	56239.5	10.47	56167.95	56169.04297	55874.38133	55916.91016	505472.9	5409819.2
L5470.1	505473.0	5409817.3	15862.90039	432.12	0	48.841304	-86.925411	56157.18	56239.5	10.47	56167.65	56169.09766	55876.45935	55919.31641	505473.0	5409817.3
L5470.1	505473.0	5409815.8	15863.00000	428.80	0	48.841292	-86.925411	56156.66	56239.5	10.47	56167.13	56168.92578	55872.41229	55915.59375	505473.0	5409815.8
L5470.1	505473.0	5409814.2	15863.09961	427.83	0	48.841277	-86.925411	56156.36	56239.5	10.47	56166.83	56168.97266	55873.51755	55917.02344	505473.0	5409814.2
L5470.1	505473.0	5409814.2	15863.20020	426.12	0	48.841277	-86.925411	56156.27	56239.5	10.47	56166.74	56169.22656	55879.52882	55923.35156	505473.0	5409814.2
L5470.1	505473.0	5409812.8	15863.29981	425.57	0	48.841264	-86.925411	56156.16	56239.5	10.47	56166.63	56169.45313	55884.56602	55928.69922	505473.0	5409812.8
L5470.1	505473.0	5409811.3	15863.40039	426.07	0	48.841251	-86.925411	56156.06	56239.5	10.47	56166.53	56169.68750	55889.40711	55933.84766	505473.0	5409811.3
L5470.1	505473.0	5409811.3	15863.50000	424.53	0	48.841251	-86.925411	56155.94	56239.5	10.47	56166.41	56169.89844	55893.29357	55938.03906	505473.0	5409811.3
L5470.1	505473.0	5409809.2	15863.59961	424.66	0	48.841232	-86.925410	56155.90	56239.5	10.47	56166.37	56170.18750	55898.79590	55943.83984	505473.0	5409809.2
L5470.1	505473.0	5409808.1	15863.70020	423.15	0	48.841222	-86.925410	56155.73	56239.5	10.47	56166.20	56170.33594	55900.54604	55945.88281	505473.0	5409808.1
L5470.1	505473.0	5409806.7	15863.79981	422.03	0	48.841209	-86.925410	56155.45	56239.5	10.47	56165.92	56170.37500	55899.06578	55944.68750	505473.0	5409806.7
L5470.1	505473.0	5409806.7	15863.90039	424.34	0	48.841209	-86.925410	56155.25	56239.5	10.47	56165.72	56170.48438	55899.23026	55945.13672	505473.0	5409806.7
L5470.1	505473.0	5409805.0	15864.00000	425.34	0	48.841194	-86.925410	56155.28	56239.5	10.47	56165.75	56170.82031	55904.89025	55951.07031	505473.0	5409805.0
L5470.1	505473.0	5409803.0	15864.09961	426.00	0	48.841176	-86.925410	56155.27	56239.5	10.47	56165.73	56171.10156	55908.88500	55955.33984	505473.0	5409803.0
L5470.1	505473.0	5409803.0	15864.20020	425.17	0	48.841176	-86.925410	56155.31	56239.5	10.47	56165.77	56171.43359	55914.04092	55960.76172	505473.0	5409803.0

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5470.1	505473.0	5409800.9	15864.29981	424.87	0	48.841157	-86.925410	56155.13	56239.5	10.46	56165.59	56171.54297	55913.19718	55960.17578	505473.0	5409800.9
L5470.1	505473.0	5409800.9	15864.40039	425.54	0	48.841157	-86.925410	56155.06	56239.5	10.46	56165.53	56171.76172	55915.06999	55962.30078	505473.0	5409800.9
L5470.1	505473.0	5409799.4	15864.50000	424.49	0	48.841144	-86.925410	56154.97	56239.5	10.46	56165.43	56171.93750	55915.57143	55963.04688	505473.0	5409799.4
L5470.1	505473.0	5409798.0	15864.59961	425.03	0	48.841131	-86.925410	56155.02	56239.5	10.46	56165.48	56172.25391	55919.57642	55967.29297	505473.0	5409798.0
L5470.1	505473.0	5409796.4	15864.70020	428.07	0	48.841116	-86.925410	56155.02	56239.5	10.46	56165.48	56172.51563	55921.97268	55969.92188	505473.0	5409796.4
L5470.1	505473.0	5409795.3	15864.79981	429.61	0	48.841107	-86.925410	56155.10	56239.5	10.45	56165.56	56172.84766	55926.09856	55974.27734	505473.0	5409795.3
L5470.1	505473.0	5409793.6	15864.90039	429.37	0	48.841092	-86.925410	56155.12	56239.5	10.45	56165.57	56173.10156	55928.12212	55976.51953	505473.0	5409793.6
L5470.1	505473.0	5409793.6	15865.00000	430.95	0	48.841092	-86.925410	56155.23	56239.6	10.45	56165.68	56173.44922	55932.40598	55981.01563	505473.0	5409793.6
L5470.1	505473.1	5409792.2	15865.09961	431.48	0	48.841079	-86.925410	56155.29	56239.6	10.45	56165.74	56173.73828	55935.11814	55983.93359	505473.1	5409792.2
L5470.1	505473.1	5409792.2	15865.20020	431.77	0	48.841079	-86.925410	56155.25	56239.6	10.44	56165.70	56173.91797	55934.98736	55984.00000	505473.1	5409792.2
L5470.1	505473.1	5409790.4	15865.29981	432.92	0	48.841062	-86.925410	56155.31	56239.6	10.44	56165.75	56174.17969	55936.88834	55986.08984	505473.1	5409790.4
L5470.1	505473.1	5409788.9	15865.40039	433.54	0	48.841049	-86.925409	56155.36	56239.6	10.44	56165.79	56174.42188	55938.26939	55987.65234	505473.1	5409788.9
L5470.1	505473.1	5409788.9	15865.50000	435.76	0	48.841049	-86.925409	56155.34	56239.6	10.43	56165.78	56174.60156	55938.11528	55987.67188	505473.1	5409788.9
L5470.1	505473.1	5409787.2	15865.59961	435.30	0	48.841034	-86.925409	56155.46	56239.6	10.43	56165.89	56174.89453	55940.78842	55990.51172	505473.1	5409787.2
L5470.1	505473.1	5409785.9	15865.70020	434.70	0	48.841022	-86.925409	56155.72	56239.6	10.43	56166.15	56175.32813	55947.06609	55996.94922	505473.1	5409785.9
L5470.1	505473.1	5409785.9	15865.79981	433.09	0	48.841022	-86.925409	56156.06	56239.6	10.43	56166.49	56175.83203	55955.16472	56005.19531	505473.1	5409785.9
L5470.1	505473.1	5409783.7	15865.90039	431.50	0	48.841002	-86.925409	56156.08	56239.6	10.42	56166.50	56175.99609	55954.59394	56004.76563	505473.1	5409783.7
L5470.1	505473.1	5409782.5	15866.00000	432.30	0	48.840991	-86.925409	56156.12	56239.6	10.42	56166.54	56176.17969	55954.58157	56004.88672	505473.1	5409782.5
L5470.1	505473.1	5409781.1	15866.09961	431.19	0	48.840979	-86.925409	56156.21	56239.6	10.42	56166.63	56176.40234	55955.64868	56006.08203	505473.1	5409781.1
L5470.1	505473.1	5409781.1	15866.20020	429.53	0	48.840979	-86.925409	56156.46	56239.6	10.42	56166.88	56176.77344	55960.62100	56011.16797	505473.1	5409781.1
L5470.1	505473.1	5409779.1	15866.29981	427.76	0	48.840961	-86.925409	56156.52	56239.6	10.42	56166.94	56176.94141	55960.54450	56011.19922	505473.1	5409779.1
L5470.1	505473.1	5409777.5	15866.40039	427.77	0	48.840946	-86.925409	56156.82	56239.6	10.42	56167.24	56177.33984	55966.43943	56017.19141	505473.1	5409777.5
L5470.1	505473.1	5409777.5	15866.50000	427.89	0	48.840946	-86.925409	56156.98	56239.6	10.43	56167.40	56177.58594	55968.58342	56019.42578	505473.1	5409777.5
L5470.1	505473.1	5409775.5	15866.59961	427.78	0	48.840928	-86.925409	56157.19	56239.6	10.43	56167.61	56177.87109	55971.85069	56022.77344	505473.1	5409775.5
L5470.1	505473.1	5409773.9	15866.70020	425.37	0	48.840914	-86.925409	56157.39	56239.6	10.43	56167.81	56178.13672	55974.71337	56025.70703	505473.1	5409773.9
L5470.1	505473.1	5409773.9	15866.79981	425.79	0	48.840914	-86.925409	56157.41	56239.6	10.43	56167.84	56178.21875	55973.08275	56024.13672	505473.1	5409773.9
L5470.1	505473.1	5409771.7	15866.90039	426.09	0	48.840895	-86.925409	56157.50	56239.6	10.43	56167.93	56178.34766	55972.85717	56023.96484	505473.1	5409771.7
L5470.1	505473.1	5409770.6	15867.00000	427.16	0	48.840884	-86.925409	56157.68	56239.6	10.43	56168.11	56178.55078	55974.81336	56025.96484	505473.1	5409770.6
L5470.1	505473.1	5409770.6	15867.09961	428.25	0	48.840884	-86.925409	56157.98	56239.6	10.43	56168.41	56178.86719	55979.72791	56030.91406	505473.1	5409770.6
L5470.1	505473.1	5409768.7	15867.20020	428.15	0	48.840867	-86.925409	56158.16	56239.6	10.43	56168.60	56179.05859	55981.71930	56032.92969	505473.1	5409768.7
L5470.1	505473.1	5409768.7	15867.29981	427.87	0	48.840867	-86.925409	56158.48	56239.6	10.43	56168.91	56179.35547	55986.68562	56037.91016	505473.1	5409768.7
L5470.1	505473.1	5409766.8	15867.40039	427.78	0	48.840850	-86.925409	56158.64	56239.6	10.43	56169.07	56179.49219	55987.72085	56038.94922	505473.1	5409766.8
L5470.1	505473.1	5409766.8	15867.50000	428.17	0	48.840850	-86.925409	56158.90	56239.6	10.44	56169.33	56179.71484	55991.23508	56042.46094	505473.1	5409766.8
L5470.1	505473.1	5409765.1	15867.59961	427.59	0	48.840835	-86.925409	56158.96	56239.6	10.44	56169.40	56179.73438	55989.80996	56041.02344	505473.1	5409765.1
L5470.1	505473.2	5409763.4	15867.70020	429.12	0	48.840820	-86.925409	56159.00	56239.6	10.44	56169.44	56179.71094	55987.55067	56038.73828	505473.2	5409763.4
L5470.1	505473.2	5409763.4	15867.79981	428.34	0	48.840820	-86.925409	56159.32	56239.6	10.44	56169.76	56179.95313	55992.40350	56043.55859	505473.2	5409763.4
L5470.1	505473.2	5409762.0	15867.90039	428.98	0	48.840807	-86.925409	56159.73	56239.6	10.44	56170.17	56180.27344	55999.51061	56050.62109	505473.2	5409762.0
L5470.1	505473.2	5409760.1	15868.00000	428.09	0	48.840790	-86.925409	56160.11	56239.6	10.44	56170.55	56180.54688	56005.80658	56056.86328	505473.2	5409760.1
L5470.1	505473.2	5409760.1	15868.09961	428.50	0	48.840790	-86.925409	56160.16	56239.6	10.44	56170.60	56180.48047	56003.61643	56054.60938	505473.2	5409760.1
L5470.1	505473.2	5409758.4	15868.20020	430.01	0	48.840775	-86.925409	56160.44	56239.6	10.44	56170.88	56180.62891	56007.28802	56058.20703	505473.2	5409758.4
L5470.1	505473.2	5409756.6	15868.29981	430.43	0	48.840759	-86.925409	56160.62	56239.6	10.44	56171.05	56180.65625	56008.12177	56058.95313	505473.2	5409756.6
L5470.1	505473.2	5409755.1	15868.40039	430.27	0	48.840745	-86.925409	56160.84	56239.6	10.44	56171.27	56180.71484	56010.22202	56060.96094	505473.2	5409755.1
L5470.1	505473.2	5409755.1	15868.50000	429.24	0	48.840745	-86.925409	56160.99	56239.6	10.43	56171.43	56180.70313	56010.77878	56061.41016	505473.2	5409755.1
L5470.1	505473.2	5409753.7	15868.59961	429.30	0	48.840732	-86.925409	56161.13	56239.6	10.43	56171.56	56180.64844	56010.56703	56061.08203	505473.2	5409753.7
L5470.1	505473.2	5409753.7	15868.70020	428.74	0	48.840732	-86.925409	56161.54	56239.6	10.43	56171.98	56180.86719	56017.78793	56068.17578	505473.2	5409753.7
L5470.1	505473.2	5409751.6	15868.79981	427.45	0	48.840714	-86.925409	56161.73	56239.6	10.43	56172.17	56180.84375	56019.13169	56069.38281	505473.2	5409751.6
L5470.1	505473.2	5409749.8	15868.90039	427.53	0	48.840697	-86.925409	56161.92	56239.6	10.43	56172.35	56180.79688	56020.23832	56070.33984	505473.2	5409749.8
L5470.1	505473.2	5409749.8	15869.00000	427.49	0	48.840697	-86.925409	56162.16	56239.6	10.43	56172.59	56180.79297	56022.90643	56072.84766	505473.2	5409749.8
L5470.1	505473.2	5409748.6	15869.09961	426.80	0	48.840686	-86.925409	56162.58	56239.6	10.43	56173.01	56180.95703	56030.21485	56079.98438	505473.2	5409748.6
L5470.1	505473.2	5409747.1	15869.20020	427.62	0	48.840674	-86.925409	56162.71	56239.6	10.43	56173.14	56180.82031	56030.13344	56079.71875	505473.2	5409747.1
L5470.1	505473.2	5409747.1	15869.29981	428.99	0	48.840674	-86.925409	56162.77	56239.6	10.43	56173.20	56180.59766	56028.30143	56077.69141	505473.2	5409747.1
L5470.1	505473.2	5409745.3	15869.40039	427.28	0	48.840657	-86.925409	56163.06	56239.6	10.43	56173.48	56180.58203	56032.15042	56081.33203	505473.2	5409745.3
L5470.1	505473.2	5409745.3	15869.50000	426.90	0	48.840657	-86.925409	56163.37	56239.6	10.42	56173.80	56180.58984	56037.07598	56086.03516	505473.2	5409745.3
L5470.1	505473.2	5409743.4	15869.59961	426.10	0	48.840640	-86.925409	56163.63	56239.6	10.42	56174.05	56180.51953	56040.26602	56088.99609	505473.2	5409743.4
L5470.1	505473.1	5409742.0	15869.70020	425.11	0	48.840627	-86.925409	56163.83	56239.6	10.42	56174.25	56180.38281	56042.23729	56090.72266	505473.1	5409742.0
L5470.1	505473.1	5409740.5	15869.79981	424.54	0	48.840614	-86.925409	56164.02	56239.6	10.42	56174.44	56180.22266	56044.01845	56092.24609	505473.1	5409740.5
L5470.1	505473.1	5409738.7	15869.90039	425.25	0	48.840598	-86.925410	56164.41	56239.6	10.42	56174.83	56180.25000	56050.99132	56098.94922	505473.1	5409738.7
L5470.1	505473.1	5409738.7	15870.00000	426.26	0	48.840598	-86.925410	56164.50	56239.6	10.42	56174.92	56179.96094	56050.35569	56098.02734	505473.1	5409738.7
L5470.1	505473.1	5409737.3	15870.09961	426.58	0	48.840585	-86.925410	56164.59	56239.6	10.42	56175.01	56179.66406	56049.79762	56097.17188	505473.1	5409737.3
L5470.1	505473.1	5409736.1	15870.20020	428.76	0	48.840574	-86.925410	56164.91	56239.6	10.41	56175.32	56179.57031	56054.95424	56102.01953	505473.1	5409736.1
L5470.1	505473.1	5409736.1	15870.29981	429.00	0	48.840574	-86.925410	56164.98	56239.6	10.41	56175.39	56179.22656	56054.04894	56100.78906	505473.1	5409736.1
L5470.1	505473.1	5409734.5	15870.40039	428.36	0	48.840559	-86.925410	56165.42	56239.6	10.41	56175.83	56179.23828	56062.70550	56109.10156	505473.1	5409734.5
L5470.1	505473.1	5409732.6	15870.50000	427.99	0	48.840543	-86.925410	56165.44	56239.6	10.40	56175.85	56178.82031	56060.69610	56106.73828	505473.1	5409732.6
L5470.1	505473.1	5409732.6	15870.59961	427.09	0	48.840543	-86.925410	56165.63	56239.6	10.40	56176.04	56178.55859	56063.13184	56108.80469	505473.1	5409732.6
L5470.1	505473.1	5409731.1	15870.70020	425.32	0	48.840529	-86.925411	56165.82	56239.6	10.40	56176.22	56178.27344	56065.40533	56110.69531	505473.1	5409731.1
L5470.1	505473.0	5409729.8	15870.79981	426.00	0	48.840517	-86.925411	56165.91	56239.6	10.40	56176.31	56177.88672	56065.46970	56110.35547	505473.0	5409729.8
L5470.1	505473.0	5409729.8	15870.90039	426.78	0	48.840517	-86.925411	56166.20	56239.6	10.39	56176.60	56177.69141	56070.75283	56115.21875	505473.0	5409729.8
L5470.1	505473.0	5409727.7	15871.00000	425.76	0	48.840499	-86.925411	56166.28	56239.6	10.39	56176.67	56177.26172	56070.50057	56114.53516	505473.0	5409727.7
L5470.1	505473.0	5409725.8	15871.09961	424.16	0	48.840482	-86.925411	56166.46	56239.6	10.39	56176.85	56176.92969	56073.16458	56116.74609	505473.0	5409725.8
L5470.1	505473.0	5409724.5	15871.20020	424.42	0	48.840470	-86.925412	56166.64	56239.6	10.39	56177.03	56176.58984	56075.92871	56119.03906	505473.0	5409724.5
L5470.1	505473.0	5409724.5	15871.29981	427.16	0	48.840470	-86.925412	56166.83	56239.6	10.39	56177.22	56176.24609	56079.04950	56121.67188	505473.0	5409724.5
L5470.1	505473.0	5409723.3	15871.40039	425.36	0	48.840459	-86.925412	56166.89	56239.6	10.39	56177.29	56175.76953	56079.19811	56121.31250	505473.0	5409723.3
L5470.1	505473.0	5409721.7	15871.50000	425.30	0	48.840445	-86.925412	56167.08	56239.6	10.40	56177.48	56175.40625	56082.52044	56124.10938	505473.0	5409721.7
L5470.1	505472.9	5409719.5	15871.59961	427.27	0	48.840425	-86.925412	56167.22	56239.6	10.40	56177.61	56174.96875	56084.40673	56125.45313	505472.9	5409719.5
L5470.1	505472.9	5409719.5	15871.70020	426.57	0	48.840425	-86.925412	56167.21	56239.6	10.40	56177.60	56174.38672	56082.80780	56123.28516	505472.9	5409719.5
L5470.1	505472.9	5409718.3	15871.79981	426.85	0	48.840414	-86.925412	56167.50	56239.6	10.40	56177.89	56174.08984	56088.99042	56128.88281	505472.9	5409718.3
L5470.1	505472.9	5409717.1	15871.90039	426.47	0	48.840403	-86.925413	56167.44	56239.6	10.40	56177.84	56173.44531	56086.56441	56125.84766	505472.9	5409717.1
L5470.1	505472.9	5409717.1	15872.00000	426.36	0	48.840403	-86.925413	56167.87	56239.6	10.40	56178.27	56173.26953	56096.52715	56135.17969	505472.9	5409717.1
L5470.1	505472.9	5409715.7	15872.09961	427.43	0	48.840390	-86.925413	56167.68	56239.6	10.40	56178.08	56172.46484	56090.70829	56128.70703	505472.9	5409715.7
L5470.1	505472.9	5409714.0	15872.20020	426.21	0	48.840376	-86.925413	56167.92	56239.6	10.41	56178.32	56172.07813	56095.99465	56133.31641	505472.9	5409714.0
L5470.1	505472.9	5409712.9	15872.29981	426.16	0	48.840365	-86.925413	56167.89	56239.6	10.41	56178.30	56171.42578	56094.71478	56131.33203	505472.9	5409712.9
L5470.1	505472.9	5409711.6	15872.40039	425.94	0	48.840354	-86.925413	56168.13	56239.6	10.41	56178.54	56171.02734	56100.18282	56136.07422	505472.9	5409711.6
L5470.1	505472.9	5409711.6	15872.50000	425.50	0	48.840354	-86.925413	56168.21	56239.6	10.42	56178.63	56170.46484	56101.89722	56137.03906	505472.9	5409711.6
L5470.1	505472.9	5409709.7	15872.50000	425.50	0	48.840337	-86.925413	56168.25	56239.6	10.42	56178.67	56169.84766	56102.41635	56136.78125	505472.9	5409709.7
L5470.1	505472.9	5409709.7	15872.70020	425.12	0	48.840337	-86.925413	56168.30	56239.6	10.42	56178.72	56169.23047	56103.27414	56136.83203	505472.9	5409709.7
L5470.1	505472.9	5409708.0	15872.79981	424.94	0	48.840322	-86.925413	56168.40	56239.6	10.42	56178.83	56168.66797	56105.74828	56138.47656	505472.9	5409708.0
L5470.1	505472.9	5409706.9	15872.90039	424.97	0	48.840311	-86.925413	56168.45	56239.6	10.43	56178.88	56168.03516	56106.76292	56138.62891	505472.9	5409706.9
L5470.1	505472.9	5409705.3	15873.00000	425.81	0	48.840297	-86.925413	56168.48	56239.6	10.43	56178.91	56167.37891	56107.33944	56138.31641	505472.9	5409705.3
L5470.1	505472.9	5409705.3	15873.09961	425.42	0	48.840297	-86.925413	56168.61	56239.6	10.43	56179.03	56166.80078	56110.29162	56140.34766	505472.9	5409705.3
L5470.1	505472.9	5409703.8	15873.20020	425.58	0	48.840284	-86.925414	56168.63	56239.6	10.42	56179.06	56166.12891	56111.00683	56140.11328	505472.9	5409703.8
L5470.1	505472.8	5409702.3	15873.29981	427.52	0	48.840270	-86.925414	56168.71	56239.6	10.42	56179.13	56165.49219	56112.81089	56140.93750	505472.8	5409702.3
L5470.1	505472.8	5409702.3	15873.40039	427.31	0	48.840270	-86.925414	56168.73	56239.6	10.41	56179.15	56164.79688	56113.39573	56140.50781	505472.8	5409702.3
L5470.1	505472.8	5409701.0	15873.50000	426.54	0	48.840259	-86.925414	56168.88	56239.6	10.41	56179.29	56164.21484	56117.11138	56143.17578	505472.8	5409701.0

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5470.1	505472.8	5409699.5	15873.59961	425.67	0	48.840245	-86.925414	56168.93	56239.6	10.41	56179.34	56163.53906	56118.57672	56143.56250	505472.8	5409699.5
L5470.1	505472.8	5409699.5	15873.70020	427.18	0	48.840245	-86.925414	56168.93	56239.6	10.40	56179.34	56162.80859	56118.81267	56142.68359	505472.8	5409699.5
L5470.1	505472.8	5409698.1	15873.79981	428.63	0	48.840232	-86.925414	56169.05	56239.6	10.40	56179.45	56162.18359	56121.91311	56144.63281	505472.8	5409698.1
L5470.1	505472.8	5409696.9	15873.90039	427.71	0	48.840222	-86.925415	56168.91	56239.6	10.39	56179.30	56161.29297	56118.39964	56139.93359	505472.8	5409696.9
L5470.1	505472.8	5409695.5	15874.00000	426.95	0	48.840209	-86.925415	56168.98	56239.6	10.39	56179.37	56160.61719	56120.56078	56140.87109	505472.8	5409695.5
L5470.1	505472.8	5409695.5	15874.09961	426.28	0	48.840209	-86.925415	56168.88	56239.6	10.39	56179.28	56159.78125	56118.66213	56137.71484	505472.8	5409695.5
L5470.1	505472.7	5409694.0	15874.20020	425.93	0	48.840196	-86.925415	56169.09	56239.6	10.39	56179.48	56159.22656	56124.22409	56141.97656	505472.7	5409694.0
L5470.1	505472.7	5409694.0	15874.29981	425.42	0	48.840196	-86.925415	56168.93	56239.6	10.40	56179.33	56158.32031	56120.85429	56137.26953	505472.7	5409694.0
L5470.1	505472.7	5409691.5	15874.40039	425.28	0	48.840173	-86.925416	56169.12	56239.6	10.40	56179.51	56157.74219	56125.96317	56141.00000	505472.7	5409691.5
L5470.1	505472.7	5409691.5	15874.50000	425.71	0	48.840173	-86.925416	56169.14	56239.6	10.40	56179.54	56157.01172	56127.25588	56140.87500	505472.7	5409691.5
L5470.1	505472.7	5409690.1	15874.59961	426.87	0	48.840160	-86.925416	56169.08	56239.6	10.40	56179.48	56156.18750	56126.26608	56138.42188	505472.7	5409690.1
L5470.1	505472.7	5409690.1	15874.70020	427.07	0	48.840160	-86.925416	56169.16	56239.6	10.40	56179.57	56155.51172	56129.13702	56139.79297	505472.7	5409690.1
L5470.1	505472.7	5409688.8	15874.79981	425.35	0	48.840149	-86.925416	56169.12	56239.6	10.41	56179.52	56154.69531	56128.43985	56137.54688	505472.7	5409688.8
L5470.1	505472.7	5409688.8	15874.90039	425.03	0	48.840149	-86.925416	56169.02	56239.6	10.41	56179.42	56153.82422	56126.47694	56133.99609	505472.7	5409688.8
L5470.1	505472.6	5409687.4	15875.00000	424.95	0	48.840136	-86.925417	56168.96	56239.6	10.41	56179.37	56153.00391	56125.80697	56131.69141	505472.6	5409687.4
L5470.1	505472.6	5409686.2	15875.09961	425.74	0	48.840126	-86.925417	56168.84	56239.6	10.41	56179.25	56152.11328	56123.35501	56127.56250	505472.6	5409686.2
L5470.1	505472.6	5409685.0	15875.20020	425.17	0	48.840114	-86.925417	56168.84	56239.6	10.41	56179.24	56151.33203	56123.72880	56126.21094	505472.6	5409685.0
L5470.1	505472.6	5409685.0	15875.29981	425.05	0	48.840114	-86.925417	56168.93	56239.6	10.41	56179.34	56150.66016	56126.92687	56127.63672	505472.6	5409685.0
L5470.1	505472.6	5409683.8	15875.40039	428.15	0	48.840103	-86.925418	56168.78	56239.6	10.41	56179.19	56149.73828	56123.72906	56122.61719	505472.6	5409683.8
L5470.1	505472.6	5409682.5	15875.50000	430.13	0	48.840092	-86.925418	56168.73	56239.6	10.41	56179.14	56148.91797	56123.09724	56120.12109	505472.6	5409682.5
L5470.1	505472.6	5409682.5	15875.59961	430.91	0	48.840092	-86.925418	56168.68	56239.6	10.40	56179.08	56148.08594	56122.21381	56117.32031	505472.6	5409682.5
L5470.1	505472.5	5409681.1	15875.70020	430.97	0	48.840079	-86.925418	56168.66	56239.6	10.40	56179.06	56147.29688	56122.35877	56115.50391	505472.5	5409681.1
L5470.1	505472.5	5409680.1	15875.79981	431.09	0	48.840070	-86.925418	56168.72	56239.6	10.40	56179.12	56146.58984	56124.55631	56115.68359	505472.5	5409680.1
L5470.1	505472.5	5409678.9	15875.90039	430.52	0	48.840060	-86.925419	56168.46	56239.6	10.40	56178.86	56145.56250	56118.56339	56107.62891	505472.5	5409678.9
L5470.1	505472.5	5409678.9	15876.00000	428.10	0	48.840060	-86.925419	56168.58	56239.6	10.40	56178.98	56144.91797	56122.30618	56109.25391	505472.5	5409678.9
L5470.1	505472.5	5409677.9	15876.09961	428.25	0	48.840051	-86.925419	56168.40	56239.6	10.40	56178.80	56143.97656	56118.37197	56103.15625	505472.5	5409677.9
L5470.1	505472.5	5409677.9	15876.20020	429.85	0	48.840051	-86.925419	56168.35	56239.6	10.40	56178.75	56143.16797	56117.77341	56100.33594	505472.5	5409677.9
L5470.1	505472.5	5409676.7	15876.29981	430.67	0	48.840040	-86.925419	56168.40	56239.6	10.40	56178.81	56142.47266	56119.99982	56100.29297	505472.5	5409676.7
L5470.1	505472.5	5409675.7	15876.40039	431.62	0	48.840031	-86.925419	56168.58	56239.6	10.40	56178.98	56141.89063	56125.05301	56103.01953	505472.5	5409675.7
L5470.1	505472.5	5409674.5	15876.50000	430.21	0	48.840020	-86.925419	56168.40	56239.6	10.40	56178.81	56140.97266	56121.41151	56097.00391	505472.5	5409674.5
L5470.1	505472.5	5409674.5	15876.59961	430.31	0	48.840020	-86.925419	56168.30	56239.6	10.41	56178.71	56140.12891	56119.57716	56092.73828	505472.5	5409674.5
L5470.1	505472.5	5409673.2	15876.70020	428.57	0	48.840009	-86.925419	56168.25	56239.6	10.41	56178.66	56139.33594	56119.04066	56089.71875	505472.5	5409673.2
L5470.1	505472.5	5409672.3	15876.79981	427.30	0	48.840000	-86.925420	56167.97	56239.6	10.41	56178.38	56138.32031	56112.63494	56080.77344	505472.5	5409672.3
L5470.1	505472.5	5409672.3	15876.90039	426.83	0	48.840000	-86.925420	56168.06	56239.6	10.41	56178.47	56137.67969	56115.72845	56081.27344	505472.5	5409672.3
L5470.1	505472.5	5409671.4	15877.00000	427.56	0	48.839992	-86.925420	56167.97	56239.6	10.41	56178.38	56136.86328	56114.24064	56077.13672	505472.5	5409671.4
L5470.1	505472.5	5409670.4	15877.09961	426.77	0	48.839983	-86.925419	56167.79	56239.6	10.41	56178.20	56135.96484	56110.48050	56070.67578	505472.5	5409670.4
L5470.1	505472.5	5409670.4	15877.20020	428.35	0	48.839983	-86.925419	56167.67	56239.6	10.41	56178.08	56135.12891	56108.29385	56065.72656	505472.5	5409670.4
L5470.1	505472.5	5409669.4	15877.29981	426.65	0	48.839974	-86.925419	56167.68	56239.6	10.41	56178.09	56134.42969	56109.47823	56064.09766	505472.5	5409669.4
L5470.1	505472.5	5409668.5	15877.40039	425.94	0	48.839966	-86.925420	56167.62	56239.6	10.41	56178.03	56133.66797	56108.91727	56060.66797	505472.5	5409668.5
L5470.1	505472.4	5409667.5	15877.50000	427.08	0	48.839957	-86.925420	56167.50	56239.6	10.41	56177.91	56132.84766	56106.87270	56055.69922	505472.4	5409667.5
L5470.1	505472.4	5409667.5	15877.59961	428.24	0	48.839957	-86.925420	56167.44	56239.6	10.41	56177.85	56132.09766	56106.42340	56052.26563	505472.4	5409667.5
L5470.1	505472.4	5409666.6	15877.70020	427.96	0	48.839949	-86.925420	56167.36	56239.6	10.41	56177.77	56131.33594	56105.52700	56048.33203	505472.4	5409666.6
L5470.1	505472.4	5409666.6	15877.79981	427.55	0	48.839949	-86.925420	56167.40	56239.6	10.41	56177.81	56130.69922	56107.77516	56047.48828	505472.4	5409666.6
L5470.1	505472.4	5409665.8	15877.90039	427.19	0	48.839942	-86.925420	56167.16	56239.6	10.41	56177.57	56129.78906	56102.93151	56039.49609	505472.4	5409665.8
L5470.1	505472.4	5409664.9	15878.00000	426.25	0	48.839934	-86.925420	56166.84	56239.6	10.41	56177.25	56128.80469	56096.12478	56029.48438	505472.4	5409664.9
L5470.1	505472.4	5409664.0	15878.09961	427.96	0	48.839925	-86.925420	56166.90	56239.6	10.41	56177.31	56128.21094	56099.14211	56029.24219	505472.4	5409664.0
L5470.1	505472.4	5409663.2	15878.20020	429.20	0	48.839918	-86.925420	56167.02	56239.6	10.41	56177.43	56127.68359	56103.79657	56030.58203	505472.4	5409663.2
L5470.1	505472.4	5409663.2	15878.29981	429.97	0	48.839918	-86.925420	56166.91	56239.6	10.41	56177.32	56126.93359	56102.66968	56026.08594	505472.4	5409663.2
L5470.1	505472.4	5409662.4	15878.40039	426.62	0	48.839912	-86.925420	56166.90	56239.6	10.41	56177.31	56126.28906	56104.22027	56024.21094	505472.4	5409662.4
L5470.1	505472.4	5409661.7	15878.50000	424.53	0	48.839905	-86.925421	56166.76	56239.6	10.41	56177.17	56125.52734	56102.56679	56019.07813	505472.4	5409661.7
L5470.1	505472.4	5409660.8	15878.59961	426.39	0	48.839897	-86.925421	56166.54	56239.6	10.41	56176.95	56124.69141	56098.99818	56011.97266	505472.4	5409660.8
L5470.1	505472.4	5409660.8	15878.70020	425.54	0	48.839897	-86.925421	56166.78	56239.6	10.41	56177.19	56124.32031	56107.35151	56016.73828	505472.4	5409660.8
L5470.1	505472.4	5409659.9	15878.79981	426.66	0	48.839888	-86.925421	56166.82	56239.6	10.41	56177.23	56123.76172	56110.73432	56016.48047	505472.4	5409659.9
L5470.1	505472.4	5409659.1	15878.90039	428.69	0	48.839881	-86.925421	56166.74	56239.6	10.41	56177.15	56123.08984	56111.20423	56013.25391	505472.4	5409659.1
L5470.1	505472.4	5409658.5	15879.00000	427.09	0	48.839876	-86.925421	56166.55	56239.6	10.41	56176.96	56122.31641	56109.02647	56007.32813	505472.4	5409658.5
L5470.1	505472.4	5409658.5	15879.09961	424.92	0	48.839876	-86.925421	56166.66	56239.6	10.41	56177.07	56121.85156	56114.70956	56009.21094	505472.4	5409658.5
L5470.1	505472.3	5409657.5	15879.20020	423.75	0	48.839867	-86.925421	56166.41	56239.6	10.41	56176.81	56121.02344	56111.10538	56001.75781	505472.3	5409657.5
L5470.1	505472.3	5409657.5	15879.29981	424.72	0	48.839867	-86.925421	56166.33	56239.6	10.41	56176.74	56120.39844	56112.56382	55999.31250	505472.3	5409657.5
L5470.1	505472.3	5409656.9	15879.40039	425.18	0	48.839861	-86.925421	56166.22	56239.6	10.41	56176.63	56119.73828	56113.20442	55996.00000	505472.3	5409656.9
L5470.1	505472.3	5409656.0	15879.50000	426.81	0	48.839853	-86.925422	56165.95	56239.6	10.41	56176.35	56118.91406	56109.70752	55988.50000	505472.3	5409656.0
L5470.1	505472.3	5409656.0	15879.59961	427.79	0	48.839853	-86.925422	56165.82	56239.6	10.40	56176.23	56118.26172	56110.53320	55985.27344	505472.3	5409656.0
L5470.1	505472.3	5409655.2	15879.70020	428.62	0	48.839847	-86.925422	56165.75	56239.6	10.40	56176.15	56117.65625	56112.61785	55983.25781	505472.3	5409655.2
L5470.1	505472.3	5409654.4	15879.79981	428.02	0	48.839839	-86.925422	56166.18	56239.6	10.40	56176.58	56117.57031	56128.00661	55994.50000	505472.3	5409654.4
L5470.1	505472.3	5409654.4	15879.90039	427.73	0	48.839839	-86.925422	56166.25	56239.6	10.40	56176.66	56117.14453	56134.68575	55996.98438	505472.3	5409654.4
L5470.1	505472.2	5409653.8	15880.00000	428.97	0	48.839834	-86.925423	56166.28	56239.6	10.40	56176.68	56116.66406	56140.09076	55998.14844	505472.2	5409653.8
L5470.1	505472.2	5409653.8	15880.09961	427.39	0	48.839834	-86.925423	56166.00	56239.6	10.40	56176.40	56115.89063	56138.08473	55991.85938	505472.2	5409653.8
L5470.1	505472.2	5409653.2	15880.20020	426.41	0	48.839828	-86.925423	56165.88	56239.6	10.40	56176.28	56115.28516	56140.45627	55989.90234	505472.2	5409653.2
L5470.1	505472.2	5409652.6	15880.29981	424.55	0	48.839823	-86.925424	56165.95	56239.6	10.41	56176.36	56114.89063	56148.23843	55993.31250	505472.2	5409652.6
L5470.1	505472.1	5409652.0	15880.40039	425.23	0	48.839817	-86.925424	56165.88	56239.6	10.41	56176.28	56114.33984	56152.22083	55992.87891	505472.1	5409652.0
L5470.1	505472.1	5409652.0	15880.50000	426.22	0	48.839817	-86.925424	56165.70	56239.6	10.41	56176.11	56113.71094	56154.20437	55990.41016	505472.1	5409652.0
L5470.1	505472.1	5409651.4	15880.59961	426.22	0	48.839813	-86.925425	56165.44	56239.6	10.41	56175.85	56112.99609	56154.19716	55985.90625	505472.1	5409651.4
L5470.1	505472.1	5409651.4	15880.70020	427.32	0	48.839813	-86.925425	56165.26	56239.6	10.41	56175.68	56112.37891	56156.81651	55983.99219	505472.1	5409651.4
L5470.1	505472.1	5409650.8	15880.79981	427.29	0	48.839807	-86.925425	56165.09	56239.6	10.42	56175.50	56111.75781	56159.50920	55982.11328	505472.1	5409650.8
L5470.1	505472.0	5409650.2	15880.90039	425.91	0	48.839801	-86.925426	56165.26	56239.6	10.42	56175.68	56111.50781	56171.75754	55989.75781	505472.0	5409650.2
L5470.1	505472.0	5409649.8	15881.00000	425.18	0	48.839798	-86.925426	56165.15	56239.6	10.42	56175.57	56110.97266	56176.92326	55990.28125	505472.0	5409649.8
L5470.1	505472.0	5409649.8	15881.09961	425.59	0	48.839798	-86.925426	56165.37	56239.6	10.42	56175.79	56110.76953	56190.89006	55999.57031	505472.0	5409649.8
L5470.1	505472.0	5409649.3	15881.20020	424.90	0	48.839793	-86.925427	56165.44	56239.6	10.42	56175.86	56110.42969	56201.37239	56005.34375	505472.0	5409649.3
L5470.1	505471.9	5409648.9	15881.29981	427.81	0	48.839789	-86.925427	56165.04	56239.6	10.42	56175.46	56109.62109	56200.18164	55999.41016	505471.9	5409648.9
L5470.1	505471.9	5409648.4	15881.40039	426.92	0	48.839785	-86.925427	56164.78	56239.6	10.42	56175.20	56108.96094	56202.94436	55997.40234	505471.9	5409648.4
L5470.1	505471.9	5409648.4	15881.50000	425.12	0	48.839785	-86.925427	56164.74	56239.6	10.42	56175.16	56108.52344	56211.71443	56001.37500	505471.9	5409648.4
L5470.1	505471.9	5409648.0	15881.59961	427.07	0	48.839782	-86.925428	56165.06	56239.6	10.41	56175.47	56108.44531	56229.82572	56014.66016	505471.9	5409648.0
L5470.1	505471.9	5409647.6	15881.70020	428.73	0	48.839778	-86.925428	56164.91	56239.6	10.41	56175.32	56107.91016	56236.54009	56016.51953	505471.9	5409647.6
L5470.1	505471.8	5409647.3	15881.79981	430.06	0	48.839775	-86.925428	56164.79	56239.6	10.41	56175.21	56107.41797	56244.66558	56019.76953	505471.8	5409647.3
L5470.1	505471.8	5409647.3	15881.90039	428.37	0	48.839775	-86.925428	56164.84	56239.6	10.41	56175.25	56107.08594	56257.02264	56027.22266	505471.8	5409647.3
L5470.1	505471.8	5409646.9	15882.00000	430.12	0	48.839772	-86.925429	56164.96	56239.6	10.41	56175.37	56106.83203	56271.82183	56037.10156	505471.8	5409646.9
L5470.1	505471.8	5409646.6	15882.09961	429.78	0	48.839769	-86.925429	56165.20	56239.6	10.41	56175.61	56106.70703	56290.09015	56050.42578	505471.8	5409646.6
L5470.1	505471.8	5409646.6	15882.20020	432.27	0	48.839769	-86.925429	56165.24	56239.6	10.41	56175.65	56106.38281	56303.63521	56059.01172	505471.8	5409646.6
L5470.1	505471.7	5409646.3	15882.29981	432.47	0	48.839767	-86.925430	56165.14	56239.6	10.41	56175.55	56105.92188	56313.99527	56064.39063	505471.7	5409646.3
L5470.1	505471.6	5409645.7	15882.40039	433.12	0	48.839761	-86.925431	56165.06	56239.6	10.41	56175.47	56105.48438	56325.26890	56070.67188	505471.6	5409645.7
L5470.1	505471.6	5409645.7	15882.50000	432.60	0	48.839761	-86.925431	56165.05	56239.6	10.40	56175.45	56105.11328	56338.48127	56078.87500	505471.6	5409645.7
L5470.1	505471.6	5409645.4	15882.59961	431.64	0	48.839758	-86.925431	56164.96	56239.6	10.40	56175.36	56104.67188	56350.30368	56085.67578	505471.6	5409645.4
L5470.1	505471.6	5409645.2	15882.70020	432.39	0	48.839757	-86.925432	56165.09	56239.6	10.40	56175.49	56104.45313	56368.16237	56098.50391	505471.6	5409645.2
L5470.1	505471.6	5409645.2	15882.79981	432.20	0	48.839757	-86.925432	56164.93	56239.6	10.40	56175.34	56103.95313	56379.25272	56104.55078	505471.6	5409645.2

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5470.1	505471.5	5409644.9	15882.90039	429.58	0	48.839754	-86.925432	56165.05	56239.6	10.40	56175.45	56103.71875	56397.40207	56117.64844	505471.5	5409644.9
L5470.1	505471.5	5409644.7	15883.00000	428.14	0	48.839752	-86.925433	56164.63	56239.6	10.40	56175.03	56102.95313	56402.37852	56117.57031	505471.5	5409644.7
L5470.1	505471.5	5409644.7	15883.09961	427.64	0	48.839752	-86.925433	56164.68	56239.6	10.40	56175.08	56102.66016	56419.78824	56129.91797	505471.5	5409644.7
L5470.1	505471.5	5409644.4	15883.20020	427.15	0	48.839750	-86.925433	56164.62	56239.6	10.40	56175.02	56102.25781	56434.77612	56139.84375	505471.5	5409644.4
L5470.1	505471.5	5409644.4	15883.29981	425.60	0	48.839750	-86.925433	56164.73	56239.6	10.41	56175.14	56102.03516	56454.76571	56154.76563	505471.5	5409644.4
L5520.0	505521.7	5407850.4	14874.20020	308.77	103.01	48.823610	-86.924773	56618.08	56245	4.98	56623.05	56619.42188	56643.39264	56656.08984	505521.7	5407850.4
L5520.0	505521.7	5407850.5	14874.29981	307.85	103.01	48.823611	-86.924773	56617.77	56245	4.98	56622.75	56619.14453	56649.44626	56662.10156	505521.7	5407850.5
L5520.0	505521.7	5407850.6	14874.40039	307.04	102.93	48.823612	-86.924773	56617.53	56245	4.98	56622.51	56618.92969	56657.73061	56670.34766	505521.7	5407850.6
L5520.0	505521.7	5407850.8	14874.50000	307.71	102.61	48.823614	-86.924773	56617.19	56245	4.99	56622.17	56618.61328	56665.31022	56677.89063	505521.7	5407850.8
L5520.0	505521.7	5407851.0	14874.59961	316.46	102.61	48.823615	-86.924773	56616.44	56245	4.99	56621.43	56617.89844	56665.22398	56677.76563	505521.7	5407851.0
L5520.0	505521.7	5407851.0	14874.70020	317.67	102.97	48.823615	-86.924773	56615.70	56245	4.99	56620.69	56617.17969	56664.96397	56677.46484	505521.7	5407851.0
L5520.0	505521.7	5407851.2	14874.79981	320.12	102.97	48.823617	-86.924774	56614.82	56245	4.99	56619.82	56616.33594	56661.41007	56673.86719	505521.7	5407851.2
L5520.0	505521.6	5407851.5	14874.90039	319.12	102.63	48.823620	-86.924774	56614.07	56245	5.00	56619.07	56615.60938	56660.51084	56672.92969	505521.6	5407851.5
L5520.0	505521.6	5407851.5	14875.00000	320.77	102.63	48.823620	-86.924774	56612.94	56245	5.00	56617.94	56614.50000	56649.43923	56661.81641	505521.6	5407851.5
L5520.0	505521.6	5407851.7	14875.00000	320.77	102.55	48.823622	-86.924774	56612.08	56245	5.00	56617.08	56613.66406	56643.35911	56655.69531	505521.6	5407851.7
L5520.0	505521.5	5407852.1	14875.20020	322.76	102.55	48.823625	-86.924775	56610.98	56245	5.01	56615.99	56612.59766	56634.90276	56647.19531	505521.5	5407852.1
L5520.0	505521.5	5407852.3	14875.29981	322.28	97.29	48.823628	-86.924776	56610.09	56245	5.01	56615.10	56611.73047	56629.67200	56641.91797	505521.5	5407852.3
L5520.0	505521.4	5407852.7	14875.40039	323.26	96.23	48.823631	-86.924777	56608.89	56245	5.02	56613.90	56610.55469	56618.53603	56630.73828	505521.4	5407852.7
L5520.0	505521.4	5407853.1	14875.50000	322.25	96.23	48.823635	-86.924778	56607.89	56245	5.02	56612.91	56609.58594	56611.09153	56623.25000	505521.4	5407853.1
L5520.0	505521.4	5407853.1	14875.59961	321.78	103.17	48.823635	-86.924778	56606.82	56245	5.02	56611.85	56608.54688	56602.26314	56614.37500	505521.4	5407853.1
L5520.0	505521.3	5407853.6	14875.70020	321.79	103.17	48.823639	-86.924779	56606.11	56245	5.03	56611.13	56607.84766	56599.98437	56612.04688	505521.3	5407853.6
L5520.0	505521.2	5407853.9	14875.79981	321.56	96.32	48.823642	-86.924779	56605.54	56245	5.03	56610.57	56607.30859	56600.95621	56612.96875	505521.2	5407853.9
L5520.0	505521.2	5407853.9	14875.90039	320.10	96.32	48.823642	-86.924779	56604.88	56245	5.04	56609.92	56606.67969	56600.36215	56612.32422	505521.2	5407853.9
L5520.0	505521.1	5407854.8	14876.00000	320.15	105.45	48.823649	-86.924781	56604.24	56245	5.04	56609.28	56606.06250	56600.12989	56612.03906	505521.1	5407854.8
L5520.0	505521.1	5407854.8	14876.09961	319.76	105.45	48.823649	-86.924781	56603.78	56245	5.04	56608.82	56605.62109	56603.56464	56615.42188	505521.1	5407854.8
L5520.0	505521.0	5407855.1	14876.20020	318.44	106.15	48.823653	-86.924782	56603.26	56245	5.03	56608.30	56605.12109	56605.98468	56617.78906	505521.0	5407855.1
L5520.0	505521.0	5407855.5	14876.29981	319.89	106.57	48.823656	-86.924783	56602.77	56245	5.03	56607.80	56604.64063	56608.93350	56620.67969	505521.0	5407855.5
L5520.0	505520.9	5407855.8	14876.40039	320.40	106.57	48.823659	-86.924783	56602.12	56245	5.03	56607.15	56604.00781	56609.12217	56620.80859	505520.9	5407855.8
L5520.0	505520.9	5407855.8	14876.50000	321.84	100.49	48.823659	-86.924783	56601.41	56245	5.03	56606.44	56603.31641	56608.31280	56619.94141	505520.9	5407855.8
L5520.0	505520.8	5407856.6	14876.59961	320.80	100.49	48.823666	-86.924785	56600.99	56245	5.02	56606.01	56602.90234	56613.01415	56624.58203	505520.8	5407856.6
L5520.0	505520.8	5407857.0	14876.70020	320.11	102.16	48.823670	-86.924785	56600.44	56245	5.02	56605.46	56602.37109	56615.55262	56627.05469	505520.8	5407857.0
L5520.0	505520.8	5407857.0	14876.79981	319.28	99.34	48.823670	-86.924785	56599.80	56245	5.02	56604.82	56601.74609	56616.53523	56627.97266	505520.8	5407857.0
L5520.0	505520.7	5407857.5	14876.90039	320.89	99.34	48.823674	-86.924786	56599.27	56245	5.01	56604.28	56601.22266	56619.56691	56630.93750	505520.7	5407857.5
L5520.0	505520.7	5407857.9	14877.00000	321.33	99.34	48.823678	-86.924787	56598.75	56245	5.01	56603.76	56600.71875	56623.13104	56634.43359	505520.7	5407857.9
L5520.0	505520.7	5407857.9	14877.00000	321.33	98.53	48.823678	-86.924787	56597.99	56245	5.01	56603.00	56599.97266	56622.38548	56633.61719	505520.7	5407857.9
L5520.0	505520.7	5407858.3	14877.20020	322.34	99.19	48.823681	-86.924787	56597.33	56245	5.01	56602.34	56599.32422	56623.70528	56634.86328	505520.7	5407858.3
L5520.0	505520.7	5407858.7	14877.29981	320.38	99.19	48.823685	-86.924787	56596.69	56245	5.01	56601.70	56598.69922	56625.59393	56636.67578	505520.7	5407858.7
L5520.0	505520.7	5407858.7	14877.40039	321.12	99.29	48.823685	-86.924787	56595.82	56245	5.01	56600.84	56597.85156	56623.62937	56634.63281	505520.7	5407858.7
L5520.0	505520.7	5407859.3	14877.50000	319.13	99.24	48.823690	-86.924787	56595.21	56245	5.01	56600.23	56597.25000	56626.48739	56637.41016	505520.7	5407859.3
L5520.0	505520.7	5407859.8	14877.59961	318.83	99.24	48.823695	-86.924787	56594.46	56245	5.02	56599.48	56596.51172	56626.98447	56637.82813	505520.7	5407859.8
L5520.0	505520.7	5407860.3	14877.70020	316.39	98.56	48.823699	-86.924787	56593.90	56245	5.02	56598.92	56595.96094	56631.15784	56641.91406	505520.7	5407860.3
L5520.0	505520.7	5407860.3	14877.79981	316.91	98.56	48.823699	-86.924787	56593.16	56245	5.02	56598.18	56595.23047	56632.25339	56642.92188	505520.7	5407860.3
L5520.0	505520.7	5407860.8	14877.90039	317.44	97.79	48.823704	-86.924786	56592.38	56245	5.02	56597.40	56594.45703	56632.84306	56643.42188	505520.7	5407860.8
L5520.0	505520.7	5407861.5	14878.00000	318.66	97.79	48.823710	-86.924786	56591.61	56245	5.02	56596.63	56593.69531	56633.83595	56644.32422	505520.7	5407861.5
L5520.0	505520.7	5407861.9	14878.09961	318.80	99.91	48.823714	-86.924786	56590.92	56245	5.02	56595.94	56593.01172	56636.47257	56646.86719	505520.7	5407861.9
L5520.0	505520.8	5407862.4	14878.20020	319.15	99.91	48.823718	-86.924786	56589.90	56245	5.03	56594.93	56592.00781	56633.67716	56643.97656	505520.8	5407862.4
L5520.0	505520.8	5407862.4	14878.29981	319.52	99.92	48.823718	-86.924786	56589.08	56245	5.03	56594.11	56591.19141	56634.49861	56644.69531	505520.8	5407862.4
L5520.0	505520.8	5407863.0	14878.40039	318.96	99.3	48.823723	-86.924785	56588.06	56245	5.04	56593.10	56590.18359	56632.29755	56642.39453	505520.8	5407863.0
L5520.0	505520.8	5407863.7	14878.50000	321.06	99.3	48.823730	-86.924785	56587.04	56245	5.04	56592.08	56589.16797	56630.26530	56640.25781	505520.8	5407863.7
L5520.0	505520.8	5407864.1	14878.59961	319.50	99.3	48.823734	-86.924785	56586.10	56245	5.04	56591.14	56588.22656	56629.95121	56639.83594	505520.8	5407864.1
L5520.0	505520.8	5407864.8	14878.70020	318.39	99.19	48.823739	-86.924785	56585.07	56245	5.05	56590.12	56587.20703	56628.63070	56638.40625	505520.8	5407864.8
L5520.0	505520.8	5407864.8	14878.79981	318.29	102.35	48.823739	-86.924785	56584.08	56244.9	5.05	56589.13	56586.21484	56628.19408	56637.85547	505520.8	5407864.8
L5520.0	505520.9	5407865.4	14878.90039	317.65	101.43	48.823745	-86.924784	56583.42	56244.9	5.06	56588.47	56585.55469	56633.67349	56643.22266	505520.9	5407865.4
L5520.0	505520.9	5407866.1	14879.00000	318.18	101.43	48.823752	-86.924784	56582.19	56244.9	5.06	56587.25	56584.33203	56630.14317	56639.57422	505520.9	5407866.1
L5520.0	505520.9	5407866.7	14879.00000	318.18	99.92	48.823757	-86.924783	56580.92	56244.9	5.06	56585.98	56583.05859	56615.08082	56624.39063	505520.9	5407866.7
L5520.0	505520.9	5407867.2	14879.20020	314.66	99.92	48.823762	-86.924783	56579.82	56244.9	5.06	56584.88	56581.94922	56615.06709	56624.25391	505520.9	5407867.2
L5520.0	505521.0	5407867.9	14879.29981	314.73	100.08	48.823768	-86.924783	56578.59	56244.9	5.06	56583.65	56580.71484	56623.02114	56632.08203	505521.0	5407867.9
L5520.0	505521.0	5407867.9	14879.40039	314.69	99.92	48.823768	-86.924783	56577.37	56244.9	5.06	56582.43	56579.48438	56621.12741	56630.06250	505521.0	5407867.9
L5520.0	505521.0	5407868.8	14879.50000	313.86	99.92	48.823776	-86.924782	56576.07	56244.9	5.06	56581.13	56578.17578	56618.30130	56627.10547	505521.0	5407868.8
L5520.0	505521.1	5407869.4	14879.59961	314.80	99.61	48.823781	-86.924781	56574.94	56244.9	5.07	56580.01	56577.04688	56618.91882	56627.58984	505521.1	5407869.4
L5520.0	505521.1	5407870.1	14879.70020	315.05	99.61	48.823788	-86.924781	56573.72	56244.9	5.07	56578.79	56575.81250	56618.27796	56626.81250	505521.1	5407870.1
L5520.0	505521.2	5407871.1	14879.79981	317.34	102.98	48.823796	-86.924780	56572.09	56244.9	5.07	56577.15	56574.16016	56610.90370	56619.29688	505521.2	5407871.1
L5520.0	505521.2	5407871.7	14879.90039	317.84	102.98	48.823802	-86.924779	56570.76	56244.9	5.07	56575.83	56572.82422	56609.36918	56617.62109	505521.2	5407871.7
L5520.0	505521.2	5407871.7	14880.00000	321.28	107.46	48.823802	-86.924779	56569.33	56244.9	5.07	56574.40	56571.37891	56606.35305	56614.46094	505521.2	5407871.7
L5520.0	505521.3	5407872.6	14880.09961	320.47	107.99	48.823810	-86.924778	56567.92	56244.9	5.07	56572.99	56569.94922	56604.08194	56612.04297	505521.3	5407872.6
L5520.0	505521.3	5407873.4	14880.20020	321.98	107.99	48.823817	-86.924778	56566.37	56244.9	5.07	56571.44	56568.37891	56599.75991	56607.57422	505521.3	5407873.4
L5520.0	505521.4	5407874.3	14880.29981	322.20	108.24	48.823826	-86.924777	56565.07	56244.9	5.07	56570.14	56567.05859	56600.22907	56607.89063	505521.4	5407874.3
L5520.0	505521.4	5407875.2	14880.40039	322.60	108.24	48.823833	-86.924776	56563.64	56244.9	5.07	56568.72	56565.61719	56599.00330	56606.50781	505521.4	5407875.2
L5520.0	505521.4	5407875.2	14880.50000	321.52	108.24	48.823833	-86.924776	56562.28	56244.9	5.07	56567.36	56564.23438	56599.26614	56606.61719	505521.4	5407875.2
L5520.0	505521.5	5407875.9	14880.59961	320.56	108.76	48.823839	-86.924776	56560.81	56244.9	5.08	56565.89	56562.73828	56597.96805	56605.16016	505521.5	5407875.9
L5520.0	505521.5	5407877.0	14880.70020	318.08	108.93	48.823849	-86.924775	56559.20	56244.9	5.08	56564.28	56561.10156	56594.52087	56601.55078	505521.5	5407877.0
L5520.0	505521.5	5407877.0	14880.79981	320.14	108.93	48.823849	-86.924775	56557.39	56244.9	5.08	56562.47	56559.26172	56587.78669	56594.64844	505521.5	5407877.0
L5520.0	505521.6	5407878.0	14880.90039	319.81	108.33	48.823859	-86.924774	56555.75	56244.9	5.08	56560.83	56557.59375	56584.51523	56591.21094	505521.6	5407878.0
L5520.0	505521.6	5407878.7	14881.00000	319.88	109.03	48.823865	-86.924773	56553.99	56244.9	5.08	56559.07	56555.80078	56579.41168	56585.93750	505521.6	5407878.7
L5520.0	505521.7	5407879.6	14881.00000	319.88	109.03	48.823873	-86.924773	56552.62	56244.9	5.08	56557.70	56554.39844	56581.86468	56588.22266	505521.7	5407879.6
L5520.0	505521.8	5407880.5	14881.20020	319.97	106.92	48.823881	-86.924772	56550.90	56244.9	5.08	56555.98	56552.64453	56578.24734	56584.42969	505521.8	5407880.5
L5520.0	505521.8	5407881.1	14881.29981	319.56	106.92	48.823886	-86.924771	56549.42	56244.9	5.08	56554.50	56551.12500	56579.41753	56585.42188	505521.8	5407881.1
L5520.0	505521.8	5407882.0	14881.40039	317.57	110.3	48.823895	-86.924771	56547.74	56244.9	5.08	56552.82	56549.40625	56577.27110	56583.09766	505521.8	5407882.0
L5520.0	505521.9	5407882.8	14881.50000	318.80	110.3	48.823901	-86.924770	56545.98	56244.9	5.08	56551.06	56547.60938	56574.02717	56579.67188	505521.9	5407882.8
L5520.0	505521.9	5407882.8	14881.59961	319.95	110.66	48.823901	-86.924770	56544.17	56244.9	5.08	56549.25	56545.75781	56570.24633	56575.71094	505521.9	5407882.8
L5520.0	505522.0	5407884.4	14881.70020	318.47	110.66	48.823916	-86.924769	56542.69	56244.9	5.08	56547.77	56544.23047	56572.82224	56578.10156	505522.0	5407884.4
L5520.0	505522.0	5407884.4	14881.79981	320.74	111.12	48.823916	-86.924769	56540.82	56244.9	5.08	56545.90	56542.31641	56568.68026	56573.76953	505522.0	5407884.4
L5520.0	505522.0	5407885.4	14881.90039	319.91	110.95	48.823925	-86.924768	56539.12	56244.9	5.08	56544.20	56540.57031	56567.95912	56572.85938	505522.0	5407885.4
L5520.0	505522.1	5407886.5	14882.00000	320.81	110.95	48.823935	-86.924767	56537.20	56244.9	5.08	56542.28	56538.60156	56563.64389	56568.35156	505522.1	5407886.5
L5520.0	505522.1	5407886.5	14882.09961	319.14	110.95	48.823935	-86.924767	56535.34	56244.9	5.08	56540.42	56536.69141	56560.75063	56565.26563	505522.1	5407886.5
L5520.0	505522.2	5407887.7	14882.20020	319.24	112.45	48.823946	-86.924766	56533.42	56244.9	5.09	56538.50	56534.71875	56557.13010	56561.44922	505522.2	5407887.7
L5520.0	505522.2	5407888.8	14882.29981	317.87	112.45	48.823956	-86.924765	56531.64	56244.9	5.09	56536.73	56532.89453	56556.47345	56560.59375	505522.2	5407888.8
L5520.0	505522.3	5407890.0	14882.40039	318.32	97.85	48.823966	-86.924764	56529.70	56244.9	5.09	56534.79	56530.89844	56553.13764	56557.05859	505522.3	5407890.0
L5520.0	505522.3	5407890.0	14882.50000	319.74	97.48	48.823966	-86.924764	56527.96	56244.9	5.10	56533.05	56529.10156	56553.58657	56557.30859	505522.3	5407890.0
L5520.0	505522.3	5407891.1	14882.59961	320.42	97.48	48.823977	-86.924764	56525.94	56244.9	5.10	56531.04	56527.03125	56549.63319	56553.15234	505522.3	5407891.1
L5520.0	505522.4	5407892.0	14882.70020	319.21	99.17	48.823984	-86.924763	56524.04	56244.9	5.10	56529.14	56525.07031	56547.87243	56551.18750	505522.4	5407892.0
L5520.0	505522.4	5407893.1	14882.79981	318.93	99.17	48.823995	-86.924762	56522.14	56244.9	5.10	56527.25	56523.11719	56546.55499	56549.66016	505522.4	5407893.1
L5520.0	505522.4	5407893.1	14882.90039	317.99	114.02	48.823995	-86.924762	56520.18	56244.9	5.11	56525.29	56521.08984	56544.30373	56547.19922	505522.4	5407893.1

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5520.0	505522.5	5407894.1	14883.00000	317.33	114.02	48.824004	-86.924762	56518.32	56244.9	5.11	56523.43	56519.16406	56544.01263	56546.69922	505522.5	5407894.1
L5520.0	505522.5	5407895.3	14883.00000	317.33	113.79	48.824015	-86.924761	56516.20	56244.9	5.11	56521.31	56516.97656	56539.54966	56542.02344	505522.5	5407895.3
L5520.0	505522.6	5407896.3	14883.20020	315.73	113.79	48.824024	-86.924760	56514.16	56244.9	5.11	56519.27	56514.86328	56536.69191	56538.95313	505522.6	5407896.3
L5520.0	505522.6	5407897.6	14883.29981	316.49	114.27	48.824035	-86.924760	56512.11	56244.9	5.11	56517.22	56512.74219	56533.89900	56535.94531	505522.6	5407897.6
L5520.0	505522.6	5407897.6	14883.40039	315.99	114.27	48.824035	-86.924760	56510.23	56244.9	5.11	56515.33	56510.77734	56534.02986	56535.85938	505522.6	5407897.6
L5520.0	505522.7	5407898.6	14883.50000	316.86	114.59	48.824044	-86.924759	56508.23	56244.9	5.10	56513.34	56508.71094	56532.68575	56534.29688	505522.7	5407898.6
L5520.0	505522.7	5407898.6	14883.59961	314.86	114.59	48.824044	-86.924759	56506.24	56244.9	5.10	56511.35	56506.64063	56531.54603	56532.93750	505522.7	5407898.6
L5520.0	505522.7	5407899.8	14883.70020	316.09	114.97	48.824055	-86.924759	56503.92	56244.9	5.10	56509.02	56504.23047	56524.87673	56526.04688	505522.7	5407899.8
L5520.0	505522.7	5407900.9	14883.79981	317.20	114.97	48.824065	-86.924758	56501.90	56244.9	5.10	56507.00	56502.12891	56523.61468	56524.56250	505522.7	5407900.9
L5520.0	505522.8	5407902.2	14883.90039	318.55	114.52	48.824076	-86.924758	56499.48	56244.9	5.10	56504.58	56499.62500	56515.79773	56516.52344	505522.8	5407902.2
L5520.0	505522.8	5407902.9	14884.00000	316.95	110.81	48.824082	-86.924757	56497.39	56244.9	5.10	56502.49	56497.44922	56513.70489	56514.20703	505522.8	5407902.9
L5520.0	505522.8	5407902.9	14884.09961	317.46	110.81	48.824082	-86.924757	56495.24	56244.9	5.10	56500.34	56495.21094	56510.76632	56511.03906	505522.8	5407902.9
L5520.0	505522.8	5407903.9	14884.20020	319.29	108.2	48.824092	-86.924757	56493.10	56244.9	5.10	56498.20	56492.98438	56508.15236	56508.19922	505522.8	5407903.9
L5520.0	505522.8	5407905.0	14884.29981	318.73	102.85	48.824101	-86.924757	56491.04	56244.9	5.10	56496.14	56490.83203	56507.03133	56506.85156	505522.8	5407905.0
L5520.0	505522.8	5407906.2	14884.40039	317.80	102.85	48.824112	-86.924757	56488.96	56244.9	5.10	56494.07	56488.66797	56505.88273	56505.47266	505522.8	5407906.2
L5520.0	505522.9	5407907.3	14884.50000	317.43	105.21	48.824122	-86.924757	56486.85	56244.9	5.11	56491.95	56486.45313	56504.02748	56503.38672	505522.9	5407907.3
L5520.0	505522.9	5407907.3	14884.59961	319.57	103.31	48.824122	-86.924757	56484.78	56244.9	5.11	56489.88	56484.28906	56503.13695	56502.26172	505522.9	5407907.3
L5520.0	505522.9	5407908.6	14884.70020	318.48	103.31	48.824134	-86.924756	56482.33	56244.9	5.11	56487.44	56481.75000	56496.16001	56495.05469	505522.9	5407908.6
L5520.0	505522.9	5407909.7	14884.79981	317.43	99.71	48.824143	-86.924756	56480.14	56244.9	5.11	56485.25	56479.46094	56493.49110	56492.15234	505522.9	5407909.7
L5520.0	505522.9	5407910.8	14884.90039	316.46	99.94	48.824154	-86.924756	56477.68	56244.9	5.11	56482.79	56476.89844	56486.41064	56484.83594	505522.9	5407910.8
L5520.0	505522.9	5407910.8	14885.00000	316.77	99.94	48.824154	-86.924756	56475.54	56244.9	5.11	56480.65	56474.65625	56482.49022	56480.67969	505522.9	5407910.8
L5520.0	505522.9	5407912.1	14885.00000	316.77	105.5	48.824165	-86.924756	56473.17	56244.9	5.11	56478.28	56472.17969	56475.91028	56473.86328	505522.9	5407912.1
L5520.0	505522.9	5407913.3	14885.20020	316.02	105.5	48.824176	-86.924756	56470.79	56244.9	5.11	56475.91	56469.70313	56469.48696	56467.20313	505522.9	5407913.3
L5520.0	505522.9	5407914.5	14885.29981	316.18	107.6	48.824187	-86.924756	56468.55	56244.9	5.12	56473.66	56467.34375	56466.39037	56463.86719	505522.9	5407914.5
L5520.0	505522.9	5407914.5	14885.40039	316.64	109.36	48.824187	-86.924756	56466.51	56244.9	5.12	56471.63	56465.20703	56469.23473	56466.47266	505522.9	5407914.5
L5520.0	505522.9	5407915.9	14885.50000	317.69	109.36	48.824200	-86.924756	56464.36	56244.9	5.12	56469.48	56462.94531	56468.99676	56465.99609	505522.9	5407915.9
L5520.0	505522.9	5407916.9	14885.59961	317.92	111.19	48.824208	-86.924756	56462.20	56244.9	5.12	56467.32	56460.67188	56468.58166	56465.33984	505522.9	5407916.9
L5520.0	505522.9	5407918.0	14885.70020	318.02	111.19	48.824218	-86.924756	56459.95	56244.9	5.12	56465.07	56458.30469	56465.87670	56462.39453	505522.9	5407918.0
L5520.0	505522.9	5407919.1	14885.79981	316.84	106.17	48.824228	-86.924756	56457.75	56244.9	5.13	56462.88	56456.00000	56464.81983	56461.09766	505522.9	5407919.1
L5520.0	505522.9	5407919.9	14885.90039	317.37	106.17	48.824236	-86.924756	56455.33	56244.9	5.13	56460.46	56453.46094	56457.79468	56453.82813	505522.9	5407919.9
L5520.0	505522.9	5407920.9	14886.00000	317.00	100.72	48.824244	-86.924756	56453.19	56244.9	5.13	56458.32	56451.20313	56458.15682	56453.94922	505522.9	5407920.9
L5520.0	505522.9	5407922.0	14886.09961	317.32	100.98	48.824254	-86.924756	56450.76	56244.9	5.13	56455.89	56448.65234	56450.97513	56446.52344	505522.9	5407922.0
L5520.0	505522.9	5407922.0	14886.20020	317.03	101.05	48.824254	-86.924756	56448.62	56244.9	5.13	56453.75	56446.39063	56451.39554	56446.69922	505522.9	5407922.0
L5520.0	505522.9	5407923.3	14886.29981	318.24	101.05	48.824266	-86.924756	56446.27	56244.9	5.13	56451.39	56443.91016	56446.09409	56441.15625	505522.9	5407923.3
L5520.0	505522.9	5407924.6	14886.40039	314.61	101.74	48.824277	-86.924756	56444.31	56244.9	5.13	56449.43	56441.82422	56451.19962	56446.01563	505522.9	5407924.6
L5520.0	505522.9	5407924.6	14886.50000	315.62	101.74	48.824277	-86.924756	56441.83	56244.9	5.13	56446.95	56439.21875	56442.77802	56437.34766	505522.9	5407924.6
L5520.0	505522.9	5407925.9	14886.59961	315.82	106.5	48.824289	-86.924756	56439.51	56244.9	5.12	56444.63	56436.77344	56438.49871	56432.82422	505522.9	5407925.9
L5520.0	505522.9	5407928.1	14886.70020	317.86	106.5	48.824309	-86.924756	56437.08	56244.9	5.12	56442.21	56434.22266	56431.60849	56425.68750	505522.9	5407928.1
L5520.0	505522.9	5407928.1	14886.79981	316.92	110.71	48.824309	-86.924756	56435.12	56244.9	5.12	56440.24	56432.12500	56436.29373	56430.12891	505522.9	5407928.1
L5520.0	505522.9	5407929.4	14886.90039	317.39	110.71	48.824321	-86.924756	56432.77	56244.9	5.12	56437.89	56429.64453	56431.11480	56424.70313	505522.9	5407929.4
L5520.0	505522.9	5407930.7	14887.00000	317.08	114.8	48.824332	-86.924756	56430.57	56244.9	5.12	56435.69	56427.31250	56429.72311	56423.06641	505522.9	5407930.7
L5520.0	505522.9	5407930.7	14887.00000	317.08	114.8	48.824332	-86.924756	56428.07	56244.9	5.12	56433.19	56424.68359	56420.57695	56413.67188	505522.9	5407930.7
L5520.0	505522.9	5407932.1	14887.20020	316.86	117.11	48.824345	-86.924756	56425.93	56244.9	5.12	56431.05	56422.41016	56420.53696	56413.38672	505522.9	5407932.1
L5520.0	505522.9	5407933.3	14887.29981	316.82	117.11	48.824356	-86.924756	56423.68	56244.9	5.12	56428.80	56420.02344	56417.57503	56410.17969	505522.9	5407933.3
L5520.0	505522.9	5407933.3	14887.40039	316.41	115.99	48.824356	-86.924756	56421.64	56244.9	5.12	56426.76	56417.85156	56419.80628	56412.16406	505522.9	5407933.3
L5520.0	505522.9	5407934.9	14887.50000	313.47	117.75	48.824371	-86.924756	56419.32	56244.9	5.12	56424.44	56415.39453	56414.79607	56406.90625	505522.9	5407934.9
L5520.0	505522.8	5407936.2	14887.59961	312.94	117.8	48.824382	-86.924756	56417.25	56244.9	5.12	56422.37	56413.18750	56415.95429	56407.81641	505522.8	5407936.2
L5520.0	505522.8	5407938.4	14887.70020	312.68	117.8	48.824402	-86.924757	56414.78	56244.9	5.12	56419.90	56410.58203	56406.83162	56398.44922	505522.8	5407938.4
L5520.0	505522.8	5407938.4	14887.79981	312.95	117.8	48.824402	-86.924757	56412.51	56244.9	5.12	56417.63	56408.17578	56402.57804	56393.94922	505522.8	5407938.4
L5520.0	505522.8	5407939.5	14887.90039	312.97	117.44	48.824412	-86.924757	56410.06	56244.9	5.12	56415.18	56405.58594	56393.55873	56384.68359	505522.8	5407939.5
L5520.0	505522.8	5407939.5	14888.00000	315.68	117.57	48.824412	-86.924757	56408.14	56244.9	5.12	56413.26	56403.52734	56397.77224	56388.64844	505522.8	5407939.5
L5520.0	505522.8	5407940.9	14888.09961	314.75	117.57	48.824424	-86.924757	56405.92	56244.9	5.12	56411.04	56401.16797	56394.15633	56384.78516	505522.8	5407940.9
L5520.0	505522.8	5407942.3	14888.20020	315.83	117.33	48.824437	-86.924757	56403.83	56244.9	5.13	56408.96	56398.94922	56393.89698	56384.28125	505522.8	5407942.3
L5520.0	505522.8	5407942.3	14888.29981	316.05	117.33	48.824437	-86.924757	56401.38	56244.9	5.13	56406.51	56396.35938	56383.91682	56374.05469	505522.8	5407942.3
L5520.0	505522.7	5407943.7	14888.40039	315.39	116.97	48.824450	-86.924758	56399.31	56244.9	5.14	56404.45	56394.16016	56383.71684	56373.60938	505522.7	5407943.7
L5520.0	505522.7	5407944.9	14888.50000	316.52	116.97	48.824461	-86.924758	56397.29	56244.9	5.14	56402.43	56392.00000	56384.33997	56373.98438	505522.7	5407944.9
L5520.0	505522.7	5407946.0	14888.59961	317.46	116.95	48.824470	-86.924759	56395.43	56244.9	5.14	56400.58	56390.01172	56389.16509	56378.56641	505522.7	5407946.0
L5520.0	505522.6	5407947.2	14888.70020	317.53	117.37	48.824481	-86.924759	56393.36	56244.9	5.15	56398.51	56387.80078	56388.06136	56377.21484	505522.6	5407947.2
L5520.0	505522.6	5407948.6	14888.79981	316.67	117.37	48.824494	-86.924759	56391.22	56244.8	5.15	56396.38	56385.53125	56385.15617	56374.06641	505522.6	5407948.6
L5520.0	505522.6	5407948.6	14888.90039	317.95	117.37	48.824494	-86.924759	56388.80	56244.8	5.16	56393.95	56382.96094	56374.19137	56362.85938	505522.6	5407948.6
L5520.0	505522.6	5407950.1	14889.00000	318.14	117.37	48.824507	-86.924760	56386.93	56244.8	5.16	56392.09	56380.96094	56377.82669	56366.24609	505522.6	5407950.1
L5520.0	505522.5	5407951.4	14889.00000	318.14	115.89	48.824519	-86.924760	56384.71	56244.8	5.16	56389.88	56378.60938	56372.10380	56360.28125	505522.5	5407951.4
L5520.0	505522.5	5407952.6	14889.20020	319.57	117.97	48.824529	-86.924760	56382.54	56244.8	5.16	56387.71	56376.30078	56367.18181	56355.11328	505522.5	5407952.6
L5520.0	505522.5	5407952.6	14889.29981	320.83	117.97	48.824529	-86.924760	56380.04	56244.8	5.16	56385.21	56373.66016	56353.47985	56341.17188	505522.5	5407952.6
L5520.0	505522.5	5407954.1	14889.40039	318.67	117.97	48.824543	-86.924761	56378.06	56244.8	5.16	56383.22	56371.53125	56352.75449	56340.20313	505522.5	5407954.1
L5520.0	505522.5	5407955.3	14889.50000	318.59	117.97	48.824554	-86.924761	56376.06	56244.8	5.17	56381.23	56369.40234	56351.77316	56338.98047	505522.5	5407955.3
L5520.0	505522.5	5407956.6	14889.59961	317.03	109.59	48.824565	-86.924761	56374.28	56244.8	5.17	56379.44	56367.47266	56355.66842	56342.63281	505522.5	5407956.6
L5520.0	505522.5	5407957.8	14889.70020	316.92	118.04	48.824577	-86.924761	56372.31	56244.8	5.17	56377.48	56365.37500	56354.93049	56341.65625	505522.5	5407957.8
L5520.0	505522.5	5407957.8	14889.79981	315.10	118.04	48.824577	-86.924761	56370.55	56244.8	5.17	56375.72	56363.48047	56359.03268	56345.51953	505522.5	5407957.8
L5520.0	505522.5	5407959.3	14889.90039	313.99	117.12	48.824590	-86.924761	56368.58	56244.8	5.17	56373.75	56361.37500	56357.51501	56343.76172	505522.5	5407959.3
L5520.0	505522.5	5407960.6	14890.00000	315.62	117.12	48.824602	-86.924761	56366.82	56244.8	5.17	56371.99	56359.47656	56361.05663	56347.06641	505522.5	5407960.6
L5520.0	505522.5	5407961.8	14890.09961	313.83	117.37	48.824613	-86.924761	56364.91	56244.8	5.17	56370.08	56357.43359	56360.53467	56346.30469	505522.5	5407961.8
L5520.0	505522.5	5407963.1	14890.20020	313.93	117.91	48.824624	-86.924760	56362.89	56244.8	5.17	56368.06	56355.28125	56356.99941	56342.53516	505522.5	5407963.1
L5520.0	505522.5	5407963.1	14890.29981	314.34	117.96	48.824624	-86.924760	56360.49	56244.8	5.16	56365.66	56352.74609	56343.73077	56329.03125	505522.5	5407963.1
L5520.0	505522.5	5407964.8	14890.40039	315.12	117.96	48.824639	-86.924760	56358.22	56244.8	5.16	56363.38	56350.33594	56333.27634	56318.34375	505522.5	5407964.8
L5520.0	505522.5	5407965.8	14890.50000	316.32	117.24	48.824648	-86.924760	56356.39	56244.8	5.16	56361.55	56348.37500	56333.80539	56318.64063	505522.5	5407965.8
L5520.0	505522.5	5407967.0	14890.59961	316.64	117.24	48.824659	-86.924760	56354.52	56244.8	5.16	56359.68	56346.37500	56333.07492	56317.67578	505522.5	5407967.0
L5520.0	505522.5	5407967.0	14890.70020	316.55	117.79	48.824659	-86.924760	56352.58	56244.8	5.16	56357.73	56344.29688	56330.09643	56314.46875	505522.5	5407967.0
L5520.0	505522.5	5407968.5	14890.79981	316.48	117.79	48.824673	-86.924760	56350.70	56244.8	5.15	56355.85	56342.29297	56328.59695	56312.74219	505522.5	5407968.5
L5520.0	505522.6	5407970.3	14890.90039	316.68	117.22	48.824688	-86.924759	56348.75	56244.8	5.15	56353.91	56340.22656	56325.34728	56309.26563	505522.6	5407970.3
L5520.0	505522.6	5407971.5	14891.00000	317.40	117.22	48.824700	-86.924759	56347.04	56244.8	5.15	56352.19	56338.38281	56327.31046	56311.00000	505522.6	5407971.5
L5520.0	505522.6	5407971.5	14891.00000	317.40	116.8	48.824700	-86.924759	56345.23	56244.8	5.15	56350.38	56336.45313	56326.78177	56310.25000	505522.6	5407971.5
L5520.0	505522.6	5407972.8	14891.20020	315.83	117.26	48.824711	-86.924759	56343.50	56244.8	5.15	56348.65	56334.60156	56328.00893	56311.25391	505522.6	5407972.8
L5520.0	505522.6	5407973.8	14891.29981	315.59	117.26	48.824720	-86.924758	56341.84	56244.8	5.16	56347.00	56332.83594	56331.01290	56314.03906	505522.6	5407973.8
L5520.0	505522.7	5407975.4	14891.40039	313.88	116.9	48.824734	-86.924758	56340.23	56244.8	5.16	56345.39	56331.10938	56334.80205	56317.60938	505522.7	5407975.4
L5520.0	505522.7	5407975.4	14891.50000	314.16	116.9	48.824734	-86.924758	56338.21	56244.8	5.16	56343.37	56328.97266	56328.01009	56310.59766	505522.7	5407975.4
L5520.0	505522.7	5407976.6	14891.59961	314.48	116.9	48.824746	-86.924758	56336.02	56244.8	5.16	56341.18	56326.67188	56316.63447	56299.00781	505522.7	5407976.6
L5520.0	505522.7	5407978.0	14891.70020	317.05	117.11	48.824758	-86.924758	56334.08	56244.8	5.16	56339.24	56324.62109	56311.31180	56293.47266	505522.7	5407978.0
L5520.0	505522.7	5407979.4	14891.79981	317.18	116.52	48.824771	-86.924757	56332.22	56244.8	5.17	56337.38	56322.65234	56307.75554	56289.70703	505522.7	5407979.4
L5520.0	505522.7	5407979.4	14891.90039	317.97	116.52	48.824771	-86.924757	56330.45	56244.8	5.17	56335.62	56320.78516	56306.46960	56288.21484	505522.7	5407979.4
L5520.0	505522.7	5407981.0	14892.00000	317.42	116.91	48.824785	-86.924757	56328.70	56244.8	5.17	56333.87	56318.92969	56305.15958	56286.69531	505522.7	5407981.0
L5520.0	505522.7	5407982.3	14892.09961	317.64	116.91	48.824796	-86.924757	56326.84	56244.8	5.17	56332.01	56316.96875	56300.77281	56282.10547	505522.7	5407982.3
L5520.0	505522.7	5407983.4	14892.20020	316.22	116.52	48.824807	-86.924757	56325.15	56244.8	5.17	56330.32	56315.17969	56300.39040	56281.52344	505522.7	5407983.4

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5520.0	505522.7	5407983.4	14892.29981	315.48	116.37	48.824807	-86.924757	56323.31	56244.8	5.17	56328.48	56313.24219	56295.89677	56276.83203	505522.7	5407983.4
L5520.0	505522.7	5407984.7	14892.40039	316.17	116.37	48.824819	-86.924757	56321.55	56244.8	5.17	56326.71	56311.37891	56292.84971	56273.58984	505522.7	5407984.7
L5520.0	505522.7	5407986.5	14892.50000	315.61	116.04	48.824834	-86.924757	56319.96	56244.8	5.17	56325.13	56309.70703	56294.26654	56274.81641	505522.7	5407986.5
L5520.0	505522.7	5407987.7	14892.59961	316.65	116.58	48.824846	-86.924757	56318.34	56244.8	5.16	56323.50	56307.98828	56294.07402	56274.43359	505522.7	5407987.7
L5520.0	505522.7	5407989.0	14892.70020	316.58	116.58	48.824858	-86.924757	56316.75	56244.8	5.16	56321.91	56306.30859	56294.54006	56274.71484	505522.7	5407989.0
L5520.0	505522.7	5407989.0	14892.79981	314.93	116.58	48.824858	-86.924757	56315.15	56244.8	5.16	56320.31	56304.62500	56294.39596	56274.38672	505522.7	5407989.0
L5520.0	505522.7	5407990.6	14892.90039	315.68	116.57	48.824872	-86.924758	56313.51	56244.8	5.16	56318.67	56302.90625	56292.87902	56272.69141	505522.7	5407990.6
L5520.0	505522.7	5407992.1	14893.00000	316.21	116.57	48.824885	-86.924758	56311.65	56244.8	5.16	56316.81	56300.96875	56285.42889	56265.06641	505522.7	5407992.1
L5520.0	505522.7	5407993.5	14893.00000	316.21	116.09	48.824897	-86.924758	56310.04	56244.8	5.16	56315.20	56299.28125	56283.92843	56263.39063	505522.7	5407993.5
L5520.0	505522.7	5407993.5	14893.20020	318.74	110.66	48.824897	-86.924758	56308.43	56244.8	5.17	56313.60	56297.60938	56282.30776	56261.60156	505522.7	5407993.5
L5520.0	505522.7	5407994.8	14893.29981	316.36	110.66	48.824909	-86.924758	56306.77	56244.8	5.17	56311.94	56295.88281	56278.78974	56257.92188	505522.7	5407994.8
L5520.0	505522.7	5407995.9	14893.40039	315.60	110.93	48.824920	-86.924758	56305.09	56244.8	5.18	56310.27	56294.14453	56274.64004	56253.60938	505522.7	5407995.9
L5520.0	505522.6	5407997.5	14893.50000	316.76	110.93	48.824933	-86.924758	56303.66	56244.8	5.18	56308.84	56292.65234	56276.20183	56255.01563	505522.6	5407997.5
L5520.0	505522.6	5407997.5	14893.59961	318.35	115.88	48.824933	-86.924758	56302.13	56244.8	5.18	56307.32	56291.07422	56275.10186	56253.76172	505522.6	5407997.5
L5520.0	505522.6	5407999.3	14893.70020	316.81	115.88	48.824949	-86.924758	56300.68	56244.8	5.19	56305.86	56289.55859	56275.14425	56253.65625	505522.6	5407999.3
L5520.0	505522.6	5408000.6	14893.79981	318.83	108.39	48.824962	-86.924758	56299.16	56244.8	5.19	56304.36	56288.00391	56273.79099	56252.15625	505522.6	5408000.6
L5520.0	505522.6	5408001.7	14893.90039	317.19	110.12	48.824971	-86.924758	56297.72	56244.8	5.20	56302.91	56286.50391	56273.32271	56251.55078	505522.6	5408001.7
L5520.0	505522.6	5408003.2	14894.00000	316.73	110.12	48.824985	-86.924758	56296.20	56244.8	5.20	56301.40	56284.94922	56270.95476	56249.04297	505522.6	5408003.2
L5520.0	505522.6	5408003.2	14894.09961	316.41	113.28	48.824985	-86.924758	56294.81	56244.8	5.20	56300.01	56283.51563	56271.23722	56249.19531	505522.6	5408003.2
L5520.0	505522.6	5408004.8	14894.20020	316.98	113.28	48.824999	-86.924758	56293.27	56244.8	5.20	56298.46	56281.92578	56267.10245	56244.93359	505522.6	5408004.8
L5520.0	505522.6	5408006.1	14894.29981	314.68	115.01	48.825011	-86.924758	56291.82	56244.8	5.19	56297.01	56280.44141	56265.11213	56242.82031	505522.6	5408006.1
L5520.0	505522.6	5408006.1	14894.40039	313.88	111.6	48.825011	-86.924758	56290.34	56244.8	5.19	56295.54	56278.94141	56262.24394	56239.83594	505522.6	5408006.1
L5520.0	505522.6	5408007.4	14894.50000	314.77	111.6	48.825023	-86.924758	56288.93	56244.8	5.19	56294.12	56277.49219	56260.25848	56237.73828	505522.6	5408007.4
L5520.0	505522.6	5408008.5	14894.59961	314.48	115.51	48.825033	-86.924758	56287.38	56244.8	5.19	56292.56	56275.90625	56254.40266	56231.77344	505522.6	5408008.5
L5520.0	505522.6	5408009.8	14894.70020	316.04	101.27	48.825045	-86.924759	56286.10	56244.8	5.19	56291.29	56274.61719	56255.42975	56232.69922	505522.6	5408009.8
L5520.0	505522.6	5408011.6	14894.79981	316.69	101.27	48.825061	-86.924759	56284.70	56244.8	5.18	56289.89	56273.19922	56252.84393	56230.01563	505522.6	5408011.6
L5520.0	505522.6	5408011.6	14894.90039	315.46	105.35	48.825061	-86.924759	56283.40	56244.8	5.18	56288.58	56271.87500	56252.13802	56229.21875	505522.6	5408011.6
L5520.0	505522.5	5408012.9	14895.00000	315.56	108.23	48.825072	-86.924759	56282.22	56244.8	5.18	56287.40	56270.68750	56254.29874	56231.29297	505522.5	5408012.9
L5520.0	505522.5	5408014.3	14895.00000	315.56	103.69	48.825085	-86.924759	56281.10	56244.8	5.18	56286.28	56269.55859	56257.58105	56234.49219	505522.5	5408014.3
L5520.0	505522.5	5408015.7	14895.20020	315.38	103.69	48.825097	-86.924760	56279.93	56244.8	5.19	56285.11	56268.38672	56259.26141	56236.09766	505522.5	5408015.7
L5520.0	505522.5	5408016.6	14895.29981	315.60	101.24	48.825105	-86.924760	56278.68	56244.8	5.19	56283.87	56267.14844	56258.85594	56235.62109	505522.5	5408016.6
L5520.0	505522.5	5408017.4	14895.40039	314.14	102.8	48.825112	-86.924760	56277.17	56244.8	5.20	56282.37	56265.65625	56251.68338	56228.38281	505522.5	5408017.4
L5520.0	505522.4	5408018.3	14895.50000	313.65	104.44	48.825121	-86.924760	56275.64	56244.8	5.20	56280.84	56264.13672	56243.44007	56220.08203	505522.4	5408018.3
L5520.0	505522.4	5408019.9	14895.59961	314.03	104.44	48.825135	-86.924761	56274.29	56244.8	5.20	56279.49	56262.80078	56239.30498	56215.89063	505522.4	5408019.9
L5520.0	505522.4	5408019.9	14895.70020	316.87	106.4	48.825135	-86.924761	56273.20	56244.8	5.21	56278.40	56261.72656	56241.24034	56217.77734	505522.4	5408019.9
L5520.0	505522.4	5408021.2	14895.79981	316.21	108.44	48.825147	-86.924761	56272.34	56244.8	5.21	56277.56	56260.90625	56248.99449	56225.49219	505522.4	5408021.2
L5520.0	505522.3	5408022.5	14895.90039	317.95	108.44	48.825159	-86.924762	56271.50	56244.8	5.22	56276.72	56260.09375	56256.41465	56232.87500	505522.3	5408022.5
L5520.0	505522.3	5408023.9	14896.00000	319.17	106.78	48.825171	-86.924763	56270.23	56244.8	5.22	56275.45	56258.85156	56252.91220	56229.34375	505522.3	5408023.9
L5520.0	505522.3	5408025.2	14896.09961	319.62	112.17	48.825183	-86.924763	56269.00	56244.8	5.22	56274.22	56257.65625	56250.06968	56226.47656	505522.3	5408025.2
L5520.0	505522.2	5408026.7	14896.20020	318.87	115.13	48.825196	-86.924764	56267.82	56244.8	5.22	56273.04	56256.51172	56248.13731	56224.52734	505522.2	5408026.7
L5520.0	505522.2	5408026.7	14896.29981	316.07	115.17	48.825196	-86.924764	56266.43	56244.8	5.22	56271.65	56255.16406	56240.70224	56217.08203	505522.2	5408026.7
L5520.0	505522.2	5408028.7	14896.40039	313.83	115.17	48.825214	-86.924764	56265.07	56244.8	5.22	56270.28	56253.83984	56233.43983	56209.81641	505522.2	5408028.7
L5520.0	505522.2	5408028.7	14896.50000	315.52	114.03	48.825214	-86.924764	56263.83	56244.8	5.22	56269.04	56252.64844	56229.07216	56205.44922	505522.2	5408028.7
L5520.0	505522.1	5408030.0	14896.59961	315.59	107.85	48.825226	-86.924765	56262.83	56244.8	5.21	56268.04	56251.70313	56230.32447	56206.70703	505522.1	5408030.0
L5520.0	505522.1	5408031.1	14896.70020	317.97	109.15	48.825236	-86.924765	56261.70	56244.8	5.21	56266.91	56250.62891	56228.05523	56204.45313	505522.1	5408031.1
L5520.0	505522.1	5408032.4	14896.79981	319.19	109.15	48.825248	-86.924766	56260.78	56244.8	5.21	56265.99	56249.76953	56230.67443	56207.09375	505522.1	5408032.4
L5520.0	505522.0	5408033.6	14896.90039	316.55	103.62	48.825258	-86.924766	56259.66	56244.8	5.21	56264.88	56248.72656	56228.28580	56204.73438	505522.0	5408033.6
L5520.0	505522.0	5408035.0	14897.00000	316.44	103.62	48.825271	-86.924766	56259.03	56244.8	5.21	56264.24	56248.15625	56237.24134	56213.72266	505522.0	5408035.0
L5520.0	505522.0	5408035.0	14897.00000	316.44	105.66	48.825271	-86.924766	56257.90	56244.8	5.21	56263.11	56247.09766	56233.75277	56210.27344	505522.0	5408035.0
L5520.0	505522.0	5408036.3	14897.20020	314.10	102.54	48.825283	-86.924767	56256.78	56244.8	5.21	56261.99	56246.05469	56230.20430	56206.77344	505522.0	5408036.3
L5520.0	505521.9	5408037.5	14897.29981	314.13	102.97	48.825294	-86.924767	56255.50	56244.8	5.21	56260.70	56244.84375	56222.11189	56198.73438	505521.9	5408037.5
L5520.0	505521.9	5408039.0	14897.40039	314.53	102.97	48.825307	-86.924768	56254.58	56244.8	5.21	56259.79	56244.01953	56223.17359	56199.85938	505521.9	5408039.0
L5520.0	505521.9	5408040.5	14897.50000	314.41	103.58	48.825320	-86.924768	56253.54	56244.8	5.21	56258.74	56243.05859	56220.44269	56197.19531	505521.9	5408040.5
L5520.0	505521.9	5408041.7	14897.59961	315.10	99.88	48.825331	-86.924768	56252.83	56244.8	5.20	56258.03	56242.44141	56225.94723	56202.77344	505521.9	5408041.7
L5520.0	505521.9	5408041.7	14897.70020	317.28	99.88	48.825331	-86.924768	56251.75	56244.8	5.20	56256.95	56241.45703	56221.87992	56198.78516	505521.9	5408041.7
L5520.0	505521.9	5408042.6	14897.79981	316.77	103.32	48.825339	-86.924768	56250.98	56244.8	5.20	56256.19	56240.79688	56225.60852	56202.60156	505521.9	5408042.6
L5520.0	505521.8	5408044.9	14897.90039	316.23	106.02	48.825360	-86.924769	56249.96	56244.8	5.20	56255.16	56239.87109	56222.23313	56199.32422	505521.8	5408044.9
L5520.0	505521.8	5408044.9	14898.00000	317.02	106.02	48.825360	-86.924769	56249.12	56244.8	5.20	56254.32	56239.13672	56223.42451	56200.61328	505521.8	5408044.9
L5520.0	505521.8	5408046.5	14898.09961	314.75	101.83	48.825374	-86.924769	56248.28	56244.8	5.20	56253.48	56238.41016	56224.37706	56201.67578	505521.8	5408046.5
L5520.0	505521.8	5408046.5	14898.20020	313.73	98.16	48.825374	-86.924769	56247.59	56244.8	5.21	56252.80	56237.84375	56229.23392	56206.64844	505521.8	5408046.5
L5520.0	505521.8	5408049.0	14898.29981	313.95	98.16	48.825397	-86.924769	56246.44	56244.8	5.21	56251.65	56236.81250	56221.68639	56199.22266	505521.8	5408049.0
L5520.0	505521.8	5408049.0	14898.40039	313.83	98.64	48.825397	-86.924769	56245.63	56244.8	5.21	56250.84	56236.12500	56222.71507	56200.37891	505521.8	5408049.0
L5520.0	505521.8	5408051.8	14898.50000	318.08	96.72	48.825422	-86.924769	56244.57	56244.8	5.21	56249.79	56235.19922	56217.21777	56195.01953	505521.8	5408051.8
L5520.0	505521.8	5408051.8	14898.59961	317.22	96.72	48.825422	-86.924769	56244.05	56244.8	5.22	56249.27	56234.80859	56225.46385	56203.40625	505521.8	5408051.8
L5520.0	505521.8	5408051.8	14898.70020	317.36	109.67	48.825422	-86.924769	56242.87	56244.8	5.22	56248.09	56233.76172	56216.03339	56194.12500	505521.8	5408051.8
L5520.0	505521.8	5408053.8	14898.79981	318.17	109.67	48.825440	-86.924769	56242.18	56244.8	5.22	56247.40	56233.21094	56215.92314	56194.17188	505521.8	5408053.8
L5520.0	505521.8	5408055.2	14898.90039	318.53	95.54	48.825453	-86.924769	56241.04	56244.8	5.23	56246.27	56232.21875	56210.23029	56188.64453	505521.8	5408055.2
L5520.0	505521.8	5408056.5	14899.00000	317.30	98.17	48.825464	-86.924769	56240.39	56244.8	5.23	56245.63	56231.72266	56212.67496	56191.25781	505521.8	5408056.5
L5520.0	505521.8	5408058.3	14899.00000	317.30	98.17	48.825480	-86.924769	56239.26	56244.8	5.23	56244.49	56230.72656	56206.55400	56185.31250	505521.8	5408058.3
L5520.0	505521.8	5408058.3	14899.20020	318.29	95.58	48.825480	-86.924769	56238.59	56244.8	5.23	56243.81	56230.19531	56208.13268	56187.07422	505521.8	5408058.3
L5520.0	505521.7	5408059.4	14899.29981	318.10	95.58	48.825490	-86.924770	56237.64	56244.8	5.22	56242.87	56229.41016	56205.19934	56184.33203	505521.7	5408059.4
L5520.0	505521.7	5408061.1	14899.40039	316.97	82.58	48.825506	-86.924770	56237.08	56244.8	5.22	56242.30	56228.99609	56208.48609	56187.81641	505521.7	5408061.1
L5520.0	505521.7	5408062.1	14899.50000	316.53	82.58	48.825514	-86.924770	56236.16	56244.8	5.22	56241.38	56228.23438	56205.72177	56185.25391	505521.7	5408062.1
L5520.0	505521.7	5408062.1	14899.59961	318.25	96.33	48.825514	-86.924770	56235.64	56244.8	5.22	56240.86	56227.87500	56209.68965	56189.42969	505521.7	5408062.1
L5520.0	505521.7	5408063.6	14899.70020	318.70	95.41	48.825528	-86.924771	56234.52	56244.8	5.22	56239.74	56226.92188	56203.35590	56183.31250	505521.7	5408063.6
L5520.0	505521.6	5408064.9	14899.79981	319.27	95.41	48.825540	-86.924771	56233.96	56244.8	5.21	56239.18	56226.52734	56206.46175	56186.64063	505521.6	5408064.9
L5520.0	505521.6	5408066.1	14899.90039	317.46	80.43	48.825551	-86.924771	56233.00	56244.8	5.21	56238.21	56225.73047	56202.53103	56182.94141	505521.6	5408066.1
L5520.0	505521.6	5408067.7	14900.00000	318.97	81.21	48.825565	-86.924772	56232.48	56244.8	5.21	56237.69	56225.38281	56206.11651	56186.76172	505521.6	5408067.7
L5520.0	505521.6	5408067.7	14900.09961	317.92	81.21	48.825565	-86.924772	56231.48	56244.8	5.21	56236.70	56224.57031	56201.70352	56182.58984	505521.6	5408067.7
L5520.0	505521.5	5408069.3	14900.20020	319.55	89.54	48.825580	-86.924772	56230.93	56244.8	5.22	56236.14	56224.18750	56205.58207	56186.71484	505521.5	5408069.3
L5520.0	505521.5	5408070.7	14900.29981	316.58	86.46	48.825592	-86.924773	56230.21	56244.8	5.22	56235.43	56223.66016	56205.92233	56187.30859	505521.5	5408070.7
L5520.0	505521.5	5408072.0	14900.40039	315.19	86.46	48.825604	-86.924773	56229.45	56244.8	5.23	56234.68	56223.09375	56205.04805	56186.69531	505521.5	5408072.0
L5520.0	505521.5	5408072.0	14900.50000	314.44	87.93	48.825604	-86.924773	56228.61	56244.8	5.23	56233.83	56222.42969	56201.40802	56183.32031	505521.5	5408072.0
L5520.0	505521.4	5408073.4	14900.59961	313.98	88.5	48.825616	-86.924773	56227.83	56244.8	5.23	56233.07	56221.85938	56199.99163	56182.17578	505521.4	5408073.4
L5520.0	505521.4	5408075.0	14900.70020	314.39	88.5	48.825631	-86.924774	56227.06	56244.8	5.24	56232.29	56221.26953	56197.91559	56180.37500	505521.4	5408075.0
L5520.0	505521.4	5408076.4	14900.79981	314.81	86.87	48.825643	-86.924774	56226.43	56244.8	5.24	56231.68	56220.85156	56200.08569	56182.82813	505521.4	5408076.4
L5520.0	505521.4	5408076.4	14900.90039	316.98	89.19	48.825643	-86.924774	56225.95	56244.8	5.25	56231.19	56220.55859	56205.16354	56188.19531	505521.4	5408076.4
L5520.0	505521.3	5408077.9	14901.00000	318.02	89.19	48.825656	-86.924775	56225.16	56244.8	5.25	56230.41	56219.97656	56202.64142	56185.96875	505521.3	5408077.9
L5520.0	505521.3	5408079.1	14901.00000	318.02	83.5	48.825668	-86.924775	56224.52	56244.8	5.25	56229.77	56219.53516	56203.56487	56187.19141	505521.3	5408079.1
L5520.0	505521.3	5408080.4	14901.20020	316.63	83.5	48.825679	-86.924776	56223.66	56244.8	5.25	56228.91	56218.87891	56198.75923	56182.68750	505521.3	5408080.4
L5520.0	505521.2	5408082.1	14901.29981	316.09	88.68	48.825694	-86.924776	56223.09	56244.8	5.25	56228.34	56218.51172	56201.20283	56185.44141	505521.2	5408082.1
L5520.0	505521.2	5408082.1	14901.40039	314.94	87.91	48.825694	-86.924776	56222.29	56244.8	5.25	56227.54	56217.91797	56197.69688	56182.25000	505521.2	5408082.1
L5520.0	505521.2	5408083.7	14901.50000	315.70	87.91	48.825709	-86.924777	56221.97	56244.8	5.24	56227.22	56217.80469	56206.21529	56191.08594	505521.2	5408083.7

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5520.0	505521.2	5408084.9	14901.59961	315.39	82.27	48.825720	-86.924777	56221.05	56244.8	5.24	56226.29	56217.08203	56199.21408	56184.41016	505521.2	5408084.9
L5520.0	505521.1	5408085.9	14901.70020	316.06	83.3	48.825729	-86.924778	56220.56	56244.8	5.24	56225.81	56216.81641	56203.47155	56188.99609	505521.1	5408085.9
L5520.0	505521.1	5408085.9	14901.79981	315.84	87.58	48.825729	-86.924778	56219.52	56244.8	5.24	56224.76	56215.97656	56193.27836	56179.13672	505521.1	5408085.9
L5520.0	505521.1	5408087.6	14901.90039	318.16	87.58	48.825744	-86.924778	56219.22	56244.8	5.24	56224.46	56215.89063	56201.88601	56188.08203	505521.1	5408087.6
L5520.0	505521.0	5408088.9	14902.00000	318.23	87.58	48.825755	-86.924779	56218.39	56244.8	5.24	56223.63	56215.27344	56197.08176	56183.61719	505521.0	5408088.9
L5520.0	505521.0	5408090.4	14902.09961	320.16	85.47	48.825770	-86.924779	56218.07	56244.8	5.24	56223.31	56215.17188	56205.01224	56191.89453	505521.0	5408090.4
L5520.0	505521.0	5408092.2	14902.20020	319.81	85.47	48.825786	-86.924780	56217.02	56244.8	5.24	56222.26	56214.33984	56194.56429	56181.79688	505521.0	5408092.2
L5520.0	505521.0	5408092.2	14902.29981	319.86	89.37	48.825786	-86.924780	56216.50	56244.8	5.24	56221.73	56214.02734	56197.08782	56184.67188	505521.0	5408092.2
L5520.0	505520.9	5408093.6	14902.40039	318.45	89.37	48.825798	-86.924780	56215.52	56244.8	5.24	56220.76	56213.27734	56188.56610	56176.50781	505520.9	5408093.6
L5520.0	505520.9	5408095.0	14902.50000	316.30	90.35	48.825810	-86.924781	56215.02	56244.8	5.24	56220.26	56212.99609	56191.71676	56180.01953	505520.9	5408095.0
L5520.0	505520.9	5408096.4	14902.59961	314.95	90.35	48.825823	-86.924781	56214.08	56244.8	5.23	56219.32	56212.27734	56183.88323	56172.55078	505520.9	5408096.4
L5520.0	505520.8	5408097.7	14902.70020	315.83	89.16	48.825835	-86.924782	56213.73	56244.8	5.23	56218.96	56212.14063	56190.36771	56179.40234	505520.8	5408097.7
L5520.0	505520.8	5408097.7	14902.79981	316.32	89.85	48.825835	-86.924782	56212.78	56244.8	5.23	56218.01	56211.41406	56182.23008	56171.63281	505520.8	5408097.7
L5520.0	505520.8	5408099.3	14902.90039	314.50	89.85	48.825850	-86.924782	56212.66	56244.8	5.23	56217.89	56211.51563	56194.42560	56184.19922	505520.8	5408099.3
L5520.0	505520.8	5408100.8	14903.00000	313.89	89.38	48.825862	-86.924782	56211.78	56244.8	5.23	56217.01	56210.85938	56187.92422	56178.07422	505520.8	5408100.8
L5520.0	505520.8	5408100.8	14903.00000	313.89	89.54	48.825862	-86.924782	56211.45	56244.8	5.23	56216.68	56210.75391	56194.76376	56185.29297	505520.8	5408100.8
L5520.0	505520.7	5408102.2	14903.20020	315.47	89.66	48.825876	-86.924783	56210.48	56244.8	5.23	56215.71	56210.00781	56186.04736	56176.95313	505520.7	5408102.2
L5520.0	505520.7	5408103.7	14903.29981	315.36	89.66	48.825889	-86.924783	56210.28	56244.8	5.23	56215.51	56210.03516	56195.80946	56187.09766	505520.7	5408103.7
L5520.0	505520.7	5408105.1	14903.40039	315.79	89.5	48.825901	-86.924783	56209.31	56244.8	5.23	56214.54	56209.28906	56187.07527	56178.74609	505520.7	5408105.1
L5520.0	505520.7	5408105.1	14903.50000	315.15	87.21	48.825901	-86.924783	56208.82	56244.8	5.23	56214.05	56209.02344	56189.69082	56181.75000	505520.7	5408105.1
L5520.0	505520.7	5408106.6	14903.59961	313.66	87.41	48.825915	-86.924783	56207.98	56244.8	5.23	56213.21	56208.41016	56183.97749	56176.42188	505520.7	5408106.6
L5520.0	505520.7	5408108.1	14903.70020	313.11	86.42	48.825928	-86.924784	56207.86	56244.8	5.23	56213.09	56208.51563	56194.97440	56187.80859	505520.7	5408108.1
L5520.0	505520.6	5408109.6	14903.79981	314.57	86.42	48.825942	-86.924784	56206.98	56244.8	5.23	56212.21	56207.85938	56188.13885	56181.36328	505520.6	5408109.6
L5520.0	505520.6	5408110.7	14903.90039	315.40	86.42	48.825952	-86.924784	56206.55	56244.8	5.23	56211.78	56207.65625	56191.61937	56185.23047	505520.6	5408110.7
L5520.0	505520.6	5408112.1	14904.00000	316.03	86.06	48.825964	-86.924784	56205.76	56244.8	5.23	56210.99	56207.08984	56186.64613	56180.64844	505520.6	5408112.1
L5520.0	505520.6	5408112.1	14904.09961	315.04	86.05	48.825964	-86.924784	56205.25	56244.8	5.23	56210.49	56206.81250	56188.23633	56182.63281	505520.6	5408112.1
L5520.0	505520.6	5408113.5	14904.20020	317.15	86.05	48.825977	-86.924784	56204.54	56244.8	5.24	56209.78	56206.32813	56184.82641	56179.61328	505520.6	5408113.5
L5520.0	505520.6	5408115.2	14904.29981	314.64	88.25	48.825992	-86.924784	56204.28	56244.8	5.24	56209.52	56206.28906	56191.75634	56186.93750	505520.6	5408115.2
L5520.0	505520.6	5408115.2	14904.40039	314.12	88.7	48.825992	-86.924784	56203.34	56244.8	5.25	56208.59	56205.58203	56182.92206	56178.49609	505520.6	5408115.2
L5520.0	505520.6	5408116.6	14904.50000	311.71	88.7	48.826005	-86.924785	56202.86	56244.8	5.25	56208.11	56205.32422	56184.50580	56180.46875	505520.6	5408116.6
L5520.0	505520.6	5408117.6	14904.59961	312.50	86.34	48.826014	-86.924785	56201.91	56244.7	5.25	56207.17	56204.60547	56175.03673	56171.39453	505520.6	5408117.6
L5520.0	505520.6	5408119.0	14904.70020	311.83	86.19	48.826026	-86.924785	56201.32	56244.7	5.26	56206.58	56204.23438	56173.75533	56170.50391	505520.6	5408119.0
L5520.0	505520.6	5408120.6	14904.79981	314.12	86.19	48.826041	-86.924785	56200.70	56244.7	5.26	56205.96	56203.83203	56171.65476	56168.79297	505520.6	5408120.6
L5520.0	505520.6	5408120.6	14904.90039	314.61	87.4	48.826041	-86.924785	56200.50	56244.7	5.27	56205.77	56203.86328	56179.98111	56177.50781	505520.6	5408120.6
L5520.0	505520.6	5408123.1	14905.00000	315.38	87.4	48.826063	-86.924785	56199.94	56244.7	5.27	56205.21	56203.51953	56179.25614	56177.17188	505520.6	5408123.1
L5520.0	505520.6	5408123.1	14905.00000	315.38	84.64	48.826063	-86.924785	56199.74	56244.7	5.27	56205.01	56203.53516	56187.38348	56185.68750	505520.6	5408123.1
L5520.0	505520.6	5408124.7	14905.20020	316.95	84.77	48.826078	-86.924784	56199.04	56244.7	5.27	56204.31	56203.04688	56183.08718	56181.77734	505520.6	5408124.7
L5520.0	505520.6	5408126.5	14905.29981	318.50	84.77	48.826094	-86.924784	56198.34	56244.7	5.27	56203.61	56202.55859	56178.69196	56177.76563	505520.6	5408126.5
L5520.0	505520.6	5408126.5	14905.40039	319.09	85.84	48.826094	-86.924784	56197.70	56244.7	5.27	56202.97	56202.12891	56175.71313	56175.16797	505520.6	5408126.5
L5520.0	505520.6	5408127.9	14905.50000	319.92	86.73	48.826106	-86.924784	56197.16	56244.7	5.27	56202.43	56201.80078	56175.17658	56175.01172	505520.6	5408127.9
L5520.0	505520.7	5408129.3	14905.59961	319.60	86.73	48.826119	-86.924783	56196.50	56244.7	5.27	56201.77	56201.34766	56171.56821	56171.78125	505520.7	5408129.3
L5520.0	505520.7	5408130.6	14905.70020	321.11	88.56	48.826131	-86.924783	56196.14	56244.7	5.27	56201.41	56201.19531	56175.44594	56176.03516	505520.7	5408130.6
L5520.0	505520.7	5408131.5	14905.79981	319.00	81.98	48.826139	-86.924783	56195.45	56244.7	5.27	56200.71	56200.69922	56170.72603	56171.68750	505520.7	5408131.5
L5520.0	505520.7	5408133.3	14905.90039	318.11	81.98	48.826155	-86.924782	56194.98	56244.7	5.27	56200.25	56200.44141	56171.98150	56173.31250	505520.7	5408133.3
L5520.0	505520.7	5408133.3	14906.00000	316.16	82.88	48.826155	-86.924782	56194.38	56244.7	5.27	56199.65	56200.03906	56169.68210	56171.37891	505520.7	5408133.3
L5520.0	505520.7	5408134.7	14906.09961	316.03	82.88	48.826168	-86.924782	56193.77	56244.7	5.27	56199.04	56199.62891	56167.10650	56169.16797	505520.7	5408134.7
L5520.0	505520.7	5408134.7	14906.20020	314.57	83.41	48.826168	-86.924782	56193.63	56244.7	5.26	56198.90	56199.68359	56176.14276	56178.56641	505520.7	5408134.7
L5520.0	505520.8	5408136.5	14906.29981	314.81	83.41	48.826184	-86.924782	56193.32	56244.7	5.26	56198.58	56199.55859	56180.59189	56183.37109	505520.8	5408136.5
L5520.0	505520.8	5408138.0	14906.40039	313.45	84.25	48.826197	-86.924782	56192.82	56244.7	5.26	56198.08	56199.25000	56180.51917	56183.65234	505520.8	5408138.0
L5520.0	505520.8	5408139.5	14906.50000	314.12	84.05	48.826211	-86.924781	56191.94	56244.7	5.25	56197.20	56198.55859	56171.19880	56174.67969	505520.8	5408139.5
L5520.0	505520.8	5408140.7	14906.59961	313.66	85.68	48.826221	-86.924781	56191.45	56244.7	5.25	56196.70	56198.24609	56171.04380	56174.87109	505520.8	5408140.7
L5520.0	505520.8	5408141.7	14906.70020	314.81	85.68	48.826231	-86.924781	56190.95	56244.8	5.25	56196.20	56197.92969	56170.79435	56174.96094	505520.8	5408141.7
L5520.0	505520.8	5408143.1	14906.79981	316.47	83.94	48.826243	-86.924781	56190.61	56244.8	5.25	56195.85	56197.76172	56173.96433	56178.46875	505520.8	5408143.1
L5520.0	505520.8	5408143.1	14906.90039	316.06	83.94	48.826243	-86.924781	56190.01	56244.8	5.24	56195.25	56197.33984	56171.12779	56175.96484	505520.8	5408143.1
L5520.0	505520.8	5408144.7	14907.00000	314.15	83.33	48.826258	-86.924781	56189.70	56244.8	5.24	56194.93	56197.19922	56174.69236	56179.85547	505520.8	5408144.7
L5520.0	505520.8	5408146.1	14907.00000	314.15	84.64	48.826270	-86.924781	56189.04	56244.8	5.24	56194.28	56196.72266	56170.44354	56175.92969	505520.8	5408146.1
L5520.0	505520.8	5408147.3	14907.20020	314.35	84.64	48.826281	-86.924781	56188.62	56244.8	5.24	56193.86	56196.47266	56171.37951	56177.18359	505520.8	5408147.3
L5520.0	505520.8	5408147.3	14907.29981	313.65	86.36	48.826281	-86.924781	56187.98	56244.8	5.24	56193.22	56196.00000	56167.05923	56173.17578	505520.8	5408147.3
L5520.0	505520.8	5408149.1	14907.40039	314.24	79.42	48.826297	-86.924782	56187.76	56244.8	5.24	56193.00	56195.94531	56172.34241	56178.76563	505520.8	5408149.1
L5520.0	505520.8	5408150.3	14907.50000	314.37	79.07	48.826308	-86.924782	56187.22	56244.8	5.24	56192.46	56195.56641	56170.03296	56176.75781	505520.8	5408150.3
L5520.0	505520.8	5408152.0	14907.59961	314.19	79.07	48.826323	-86.924782	56186.92	56244.8	5.24	56192.16	56195.42578	56173.22784	56180.25000	505520.8	5408152.0
L5520.0	505520.7	5408153.2	14907.70020	313.37	87.98	48.826335	-86.924782	56186.14	56244.8	5.24	56191.38	56194.80078	56164.88441	56172.19531	505520.7	5408153.2
L5520.0	505520.7	5408154.4	14907.79981	315.38	87.98	48.826345	-86.924782	56185.70	56244.8	5.24	56190.94	56194.51172	56164.46189	56172.05469	505520.7	5408154.4
L5520.0	505520.7	5408154.4	14907.90039	313.07	88.44	48.826345	-86.924782	56185.14	56244.8	5.24	56190.38	56194.10156	56160.98711	56168.85938	505520.7	5408154.4
L5520.0	505520.7	5408155.8	14908.00000	315.39	88.44	48.826358	-86.924782	56184.96	56244.8	5.24	56190.20	56194.06641	56166.73798	56174.88281	505520.7	5408155.8
L5520.0	505520.7	5408157.7	14908.09961	314.90	89.64	48.826374	-86.924782	56184.37	56244.8	5.24	56189.61	56193.62109	56162.26907	56170.67969	505520.7	5408157.7
L5520.0	505520.7	5408157.7	14908.20020	314.93	86.85	48.826374	-86.924782	56184.11	56244.8	5.24	56189.35	56193.50000	56165.96665	56174.63672	505520.7	5408157.7
L5520.0	505520.7	5408159.7	14908.29981	314.90	86.85	48.826393	-86.924782	56183.36	56244.8	5.24	56188.60	56192.88281	56157.12065	56166.04297	505520.7	5408159.7
L5520.0	505520.7	5408161.2	14908.40039	316.97	88.67	48.826406	-86.924782	56183.18	56244.8	5.24	56188.42	56192.83594	56162.75181	56171.92188	505520.7	5408161.2
L5520.0	505520.7	5408161.2	14908.50000	316.56	89.47	48.826406	-86.924782	56182.62	56244.8	5.25	56187.87	56192.41406	56158.76086	56168.17188	505520.7	5408161.2
L5520.0	505520.7	5408162.5	14908.59961	319.48	89.94	48.826418	-86.924782	56182.44	56244.8	5.25	56187.68	56192.34766	56164.11077	56173.75391	505520.7	5408162.5
L5520.0	505520.7	5408163.9	14908.70020	320.30	89.94	48.826431	-86.924782	56181.82	56244.8	5.25	56187.07	56191.85938	56158.33279	56168.20313	505520.7	5408163.9
L5520.0	505520.7	5408165.1	14908.79981	318.51	90.1	48.826441	-86.924782	56181.40	56244.8	5.25	56186.65	56191.55859	56157.36497	56167.45313	505520.7	5408165.1
L5520.0	505520.7	5408166.8	14908.90039	317.91	90.1	48.826457	-86.924782	56180.95	56244.8	5.25	56186.20	56191.22266	56156.17581	56166.47656	505520.7	5408166.8
L5520.0	505520.7	5408166.8	14909.00000	319.92	91.69	48.826457	-86.924782	56180.65	56244.8	5.25	56185.90	56191.03125	56157.50428	56168.01172	505520.7	5408166.8
L5520.0	505520.7	5408168.2	14909.00000	319.92	91.69	48.826469	-86.924782	56180.06	56244.8	5.25	56185.31	56190.54688	56153.90364	56164.60938	505520.7	5408168.2
L5520.0	505520.7	5408169.8	14909.20020	319.13	88.02	48.826484	-86.924782	56179.89	56244.7	5.26	56185.14	56190.48047	56157.42603	56168.32031	505520.7	5408169.8
L5520.0	505520.7	5408171.2	14909.29981	319.28	92.53	48.826496	-86.924782	56179.45	56244.7	5.26	56184.71	56190.14844	56156.51173	56167.58984	505520.7	5408171.2
L5520.0	505520.7	5408171.2	14909.40039	317.41	89.34	48.826496	-86.924782	56179.33	56244.7	5.26	56184.59	56190.12109	56160.87184	56172.12500	505520.7	5408171.2
L5520.0	505520.7	5408172.6	14909.50000	316.95	89.34	48.826509	-86.924782	56178.70	56244.7	5.26	56183.96	56189.58203	56156.50570	56167.92578	505520.7	5408172.6
L5520.0	505520.7	5408174.5	14909.59961	315.99	87.84	48.826525	-86.924782	56178.38	56244.7	5.27	56183.64	56189.34766	56157.41337	56168.99609	505520.7	5408174.5
L5520.0	505520.7	5408174.5	14909.70020	317.96	87.88	48.826525	-86.924782	56178.07	56244.7	5.27	56183.34	56189.12891	56158.64041	56170.37500	505520.7	5408174.5
L5520.0	505520.7	5408176.0	14909.79981	317.10	88.01	48.826539	-86.924782	56177.84	56244.7	5.27	56183.11	56188.97656	56161.02836	56172.90625	505520.7	5408176.0
L5520.0	505520.7	5408177.6	14909.90039	318.72	88.01	48.826554	-86.924782	56177.31	56244.7	5.28	56182.59	56188.53125	56158.46486	56170.48047	505520.7	5408177.6
L5520.0	505520.7	5408179.0	14910.00000	316.71	90	48.826567	-86.924783	56177.08	56244.7	5.28	56182.36	56188.37109	56160.77906	56172.92578	505520.7	5408179.0
L5520.0	505520.7	5408179.0	14910.09961	316.86	90	48.826567	-86.924783	56176.37	56244.7	5.28	56181.65	56187.72656	56154.97022	56167.23828	505520.7	5408179.0
L5520.0	505520.7	5408180.6	14910.20020	316.28	81.39	48.826580	-86.924783	56176.24	56244.7	5.28	56181.52	56187.65625	56158.87916	56171.26172	505520.7	5408180.6
L5520.0	505520.6	5408182.2	14910.29981	316.05	81.39	48.826595	-86.924783	56175.82	56244.7	5.28	56181.10	56187.29688	56159.08181	56171.57031	505520.6	5408182.2
L5520.0	505520.6	5408183.6	14910.40039	315.92	84.99	48.826607	-86.924783	56175.58	56244.7	5.28	56180.86	56187.10938	56162.25803	56174.84375	505520.6	5408183.6
L5520.0	505520.6	5408183.6	14910.50000	317.78	84.99	48.826607	-86.924783	56175.01	56244.7	5.29	56180.29	56186.58594	56156.61793	56169.29688	505520.6	5408183.6
L5520.0	505520.6	5408184.9	14910.59961	315.52	86.05	48.826620	-86.924783	56174.86	56244.7	5.29	56180.14	56186.48047	56162.05961	56174.82031	505520.6	5408184.9
L5520.0	505520.6	5408186.5	14910.70020	318.56	86.05	48.826634	-86.924783	56174.25	56244.7	5.29	56179.53	56185.91406	56155.27783	56168.11328	505520.6	5408186.5
L5520.0	505520.6	5408187.9	14910.79981	317.79	82.57	48.826647	-86.924783	56173.94	56244.7	5.29	56179.23	56185.64844	56156.65290	56169.55469	505520.6	5408187.9

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5520.0	505520.6	5408187.9	14910.90039	318.53	85.17	48.826647	-86.924783	56173.31	56244.7	5.29	56178.60	56185.05078	56149.28832	56162.25000	505520.6	5408187.9
L5520.0	505520.7	5408189.5	14911.00000	317.41	85.17	48.826661	-86.924783	56173.24	56244.7	5.29	56178.53	56185.00781	56156.66358	56169.67578	505520.7	5408189.5
L5520.0	505520.7	5408190.9	14911.00000	317.41	85.17	48.826674	-86.924782	56172.59	56244.7	5.29	56177.88	56184.38281	56148.76133	56161.82031	505520.7	5408190.9
L5520.0	505520.7	5408192.6	14911.20020	316.84	85.96	48.826688	-86.924782	56172.40	56244.7	5.29	56177.69	56184.21094	56152.93115	56166.02344	505520.7	5408192.6
L5520.0	505520.7	5408193.7	14911.29981	316.85	86.68	48.826699	-86.924781	56171.97	56244.7	5.28	56177.25	56183.78516	56150.54980	56163.66797	505520.7	5408193.7
L5520.0	505520.8	5408195.2	14911.40039	317.33	86.68	48.826712	-86.924781	56171.89	56244.7	5.28	56177.18	56183.72656	56157.76045	56170.89844	505520.8	5408195.2
L5520.0	505520.8	5408195.2	14911.50000	316.25	80.41	48.826712	-86.924781	56171.23	56244.7	5.28	56176.51	56183.06250	56149.45593	56162.60938	505520.8	5408195.2
L5520.0	505520.8	5408196.8	14911.59961	319.05	80.41	48.826726	-86.924780	56171.11	56244.7	5.28	56176.39	56182.94531	56155.28220	56168.43750	505520.8	5408196.8
L5520.0	505520.8	5408198.2	14911.70020	318.27	80.41	48.826739	-86.924780	56170.63	56244.7	5.28	56175.90	56182.45703	56151.66110	56164.81250	505520.8	5408198.2
L5520.0	505520.9	5408199.6	14911.79981	317.68	81	48.826751	-86.924780	56170.48	56244.7	5.27	56175.75	56182.30078	56156.58331	56169.72656	505520.9	5408199.6
L5520.0	505520.9	5408199.6	14911.90039	318.03	84.87	48.826751	-86.924780	56169.99	56244.7	5.27	56175.26	56181.80078	56152.98744	56166.10938	505520.9	5408199.6
L5520.0	505520.9	5408201.6	14912.00000	316.72	84.87	48.826770	-86.924779	56169.60	56244.7	5.27	56174.87	56181.39453	56151.88854	56164.98438	505520.9	5408201.6
L5520.0	505520.9	5408202.6	14912.09961	315.96	88.32	48.826778	-86.924779	56169.14	56244.7	5.27	56174.41	56180.91797	56149.09778	56162.16016	505520.9	5408202.6
L5520.0	505520.9	5408204.4	14912.20020	316.18	86.26	48.826795	-86.924778	56168.93	56244.7	5.27	56174.21	56180.69531	56152.53949	56165.56250	505520.9	5408204.4
L5520.0	505520.9	5408204.4	14912.29981	315.12	87.07	48.826795	-86.924778	56168.40	56244.7	5.27	56173.68	56180.13672	56148.07959	56161.05469	505520.9	5408204.4
L5520.0	505521.0	5408205.6	14912.40039	314.00	87.07	48.826806	-86.924778	56168.10	56244.7	5.27	56173.37	56179.79688	56148.80687	56161.72266	505521.0	5408205.6
L5520.0	505521.0	5408207.0	14912.50000	312.47	85.42	48.826818	-86.924778	56167.77	56244.7	5.27	56173.04	56179.43359	56149.00868	56161.86328	505521.0	5408207.0
L5520.0	505521.0	5408208.6	14912.59961	312.38	85.42	48.826833	-86.924777	56167.72	56244.7	5.28	56172.99	56179.34375	56155.60042	56168.38672	505521.0	5408208.6
L5520.0	505521.0	5408208.6	14912.70020	311.41	84.35	48.826833	-86.924777	56167.50	56244.7	5.28	56172.77	56179.08203	56158.17575	56170.88281	505521.0	5408208.6
L5520.0	505521.0	5408210.0	14912.79981	311.50	86.4	48.826845	-86.924777	56167.56	56244.7	5.28	56172.84	56179.10547	56167.29780	56179.92188	505521.0	5408210.0
L5520.0	505521.0	5408211.4	14912.90039	311.04	86.4	48.826858	-86.924777	56167.17	56244.7	5.28	56172.45	56178.66406	56165.88272	56178.41406	505521.0	5408211.4
L5520.0	505521.1	5408213.0	14913.00000	313.39	87.83	48.826872	-86.924777	56166.58	56244.7	5.28	56171.86	56178.02344	56159.90533	56172.33984	505521.1	5408213.0
L5520.0	505521.1	5408214.4	14913.00000	313.39	87.83	48.826884	-86.924777	56165.99	56244.7	5.28	56171.27	56177.37500	56153.88859	56166.21875	505521.1	5408214.4
L5520.0	505521.1	5408214.4	14913.20020	313.37	85.64	48.826884	-86.924777	56165.58	56244.7	5.28	56170.86	56176.90234	56151.91318	56164.13281	505521.1	5408214.4
L5520.0	505521.1	5408216.0	14913.29981	312.83	85.64	48.826899	-86.924777	56165.16	56244.7	5.29	56170.45	56176.42578	56149.88361	56161.98828	505521.1	5408216.0
L5520.0	505521.1	5408217.4	14913.40039	312.61	85.83	48.826912	-86.924777	56164.76	56244.7	5.29	56170.05	56175.95703	56148.03281	56160.01172	505521.1	5408217.4
L5520.0	505521.1	5408217.4	14913.50000	313.95	85.45	48.826912	-86.924777	56164.46	56244.7	5.29	56169.75	56175.58594	56148.47332	56160.32422	505521.1	5408217.4
L5520.0	505521.1	5408219.1	14913.59961	316.12	85.45	48.826927	-86.924777	56164.10	56244.7	5.29	56169.39	56175.14844	56147.50310	56159.21875	505521.1	5408219.1
L5520.0	505521.0	5408220.4	14913.70020	316.69	88.8	48.826938	-86.924777	56163.68	56244.7	5.29	56168.97	56174.64844	56145.09185	56156.66406	505521.0	5408220.4
L5520.0	505521.0	5408221.6	14913.79981	314.58	88.8	48.826950	-86.924777	56163.47	56244.7	5.30	56168.77	56174.36328	56147.93857	56159.36328	505521.0	5408221.6
L5520.0	505521.0	5408222.9	14913.90039	316.85	88.58	48.826962	-86.924777	56163.24	56244.7	5.30	56168.54	56174.04688	56150.13842	56161.41016	505521.0	5408222.9
L5520.0	505521.0	5408222.9	14914.00000	316.77	90.54	48.826962	-86.924777	56162.99	56244.7	5.30	56168.29	56173.70703	56151.92167	56163.03516	505521.0	5408222.9
L5520.0	505521.0	5408225.5	14914.09961	317.22	90.54	48.826985	-86.924778	56162.71	56244.7	5.30	56168.01	56173.33203	56153.03172	56163.98047	505521.0	5408225.5
L5520.0	505521.0	5408225.5	14914.20020	317.23	90.28	48.826985	-86.924778	56162.36	56244.7	5.29	56167.65	56172.87500	56152.21645	56162.99609	505521.0	5408225.5
L5520.0	505520.9	5408227.2	14914.29981	318.37	90.28	48.827000	-86.924778	56162.02	56244.7	5.29	56167.31	56172.43750	56151.93233	56162.53906	505520.9	5408227.2
L5520.0	505520.9	5408228.6	14914.40039	317.66	86.44	48.827012	-86.924779	56161.70	56244.7	5.29	56166.98	56172.00391	56151.93671	56162.36328	505520.9	5408228.6
L5520.0	505520.9	5408229.9	14914.50000	316.74	88.01	48.827025	-86.924779	56161.25	56244.7	5.29	56166.53	56171.44531	56149.00025	56159.24219	505520.9	5408229.9
L5520.0	505520.9	5408229.9	14914.59961	317.51	88.98	48.827025	-86.924779	56160.66	56244.7	5.28	56165.95	56170.75781	56142.88618	56152.94141	505520.9	5408229.9
L5520.0	505520.9	5408231.6	14914.70020	318.07	88.98	48.827039	-86.924779	56160.48	56244.7	5.28	56165.76	56170.45703	56146.49140	56156.35156	505520.9	5408231.6
L5520.0	505520.8	5408232.7	14914.79981	318.44	86.91	48.827050	-86.924780	56160.08	56244.7	5.28	56165.35	56169.92969	56144.69155	56154.35547	505520.8	5408232.7
L5520.0	505520.8	5408232.7	14914.90039	317.93	86.91	48.827050	-86.924780	56159.90	56244.7	5.27	56165.17	56169.63281	56148.58152	56158.04297	505520.8	5408232.7
L5520.0	505520.8	5408234.2	14915.00000	314.72	83.86	48.827063	-86.924780	56159.42	56244.7	5.27	56164.69	56169.03125	56145.15486	56154.41016	505520.8	5408234.2
L5520.0	505520.8	5408235.8	14915.00000	314.72	86.15	48.827077	-86.924780	56159.24	56244.7	5.27	56164.51	56168.72656	56149.05856	56158.10547	505520.8	5408235.8
L5520.0	505520.8	5408237.2	14915.20020	314.30	86.15	48.827090	-86.924780	56158.70	56244.7	5.28	56163.97	56168.06250	56144.29294	56153.12891	505520.8	5408237.2
L5520.0	505520.8	5408238.3	14915.29981	314.28	85.47	48.827100	-86.924780	56158.38	56244.7	5.28	56163.66	56167.62109	56145.10363	56153.72266	505520.8	5408238.3
L5520.0	505520.8	5408239.8	14915.40039	312.63	85.47	48.827113	-86.924780	56157.88	56244.7	5.28	56163.17	56167.00000	56141.67116	56150.07031	505520.8	5408239.8
L5520.0	505520.8	5408241.1	14915.50000	313.66	86.88	48.827125	-86.924780	56157.58	56244.7	5.28	56162.86	56166.55859	56142.53384	56150.70703	505520.8	5408241.1
L5520.0	505520.8	5408241.1	14915.59961	311.11	83.44	48.827125	-86.924780	56157.20	56244.7	5.29	56162.49	56166.05078	56142.00688	56149.95703	505520.8	5408241.1
L5520.0	505520.8	5408242.8	14915.70020	312.93	83.44	48.827140	-86.924780	56157.02	56244.7	5.29	56162.31	56165.73438	56145.89484	56153.61719	505520.8	5408242.8
L5520.0	505520.8	5408244.2	14915.79981	314.75	86.14	48.827152	-86.924780	56156.59	56244.7	5.29	56161.88	56165.16406	56144.00776	56151.49609	505520.8	5408244.2
L5520.0	505520.8	5408245.6	14915.90039	315.12	86.14	48.827165	-86.924780	56156.32	56244.7	5.30	56161.62	56164.75781	56146.03610	56153.28906	505520.8	5408245.6
L5520.0	505520.8	5408246.9	14916.00000	314.62	83.64	48.827177	-86.924780	56156.03	56244.7	5.30	56161.33	56164.32422	56147.37488	56154.39453	505520.8	5408246.9
L5520.0	505520.8	5408246.9	14916.09961	317.68	78.16	48.827177	-86.924780	56155.80	56244.7	5.30	56161.10	56163.94922	56150.07472	56156.85547	505520.8	5408246.9
L5520.0	505520.8	5408248.6	14916.20020	317.49	78.16	48.827193	-86.924780	56155.33	56244.7	5.30	56160.63	56163.32813	56147.35222	56153.89453	505520.8	5408248.6
L5520.0	505520.8	5408250.1	14916.29981	316.16	87.06	48.827206	-86.924780	56154.85	56244.7	5.30	56160.15	56162.69922	56144.42579	56150.72656	505520.8	5408250.1
L5520.0	505520.7	5408251.7	14916.40039	315.92	81.87	48.827220	-86.924781	56154.59	56244.7	5.30	56159.90	56162.29688	56146.71632	56152.77344	505520.7	5408251.7
L5520.0	505520.7	5408251.7	14916.50000	313.42	81.87	48.827220	-86.924781	56154.16	56244.7	5.31	56159.47	56161.71484	56144.95358	56150.76563	505520.7	5408251.7
L5520.0	505520.7	5408253.1	14916.59961	312.46	81.87	48.827233	-86.924781	56153.78	56244.7	5.31	56159.08	56161.16797	56144.11200	56149.67578	505520.7	5408253.1
L5520.0	505520.7	5408254.7	14916.70020	312.01	81.12	48.827247	-86.924781	56153.40	56244.7	5.31	56158.71	56160.64063	56143.74249	56149.06250	505520.7	5408254.7
L5520.0	505520.7	5408256.1	14916.79981	313.26	81.12	48.827259	-86.924781	56153.00	56244.7	5.31	56158.31	56160.08203	56142.70349	56147.77344	505520.7	5408256.1
L5520.0	505520.7	5408256.1	14916.90039	313.16	81.81	48.827259	-86.924781	56152.55	56244.7	5.31	56157.86	56159.47266	56140.52064	56145.34375	505520.7	5408256.1
L5520.0	505520.7	5408257.4	14917.00000	314.09	82.69	48.827272	-86.924781	56152.16	56244.7	5.31	56157.47	56158.92188	56139.73121	56144.30469	505520.7	5408257.4
L5520.0	505520.7	5408259.1	14917.00000	314.09	82.69	48.827287	-86.924782	56152.04	56244.7	5.31	56157.35	56158.64063	56145.29559	56149.62109	505520.7	5408259.1
L5520.0	505520.7	5408260.4	14917.20020	314.23	82.69	48.827299	-86.924782	56151.56	56244.7	5.31	56156.87	56157.99609	56142.45598	56146.53125	505520.7	5408260.4
L5520.0	505520.7	5408260.4	14917.29981	312.72	81.52	48.827299	-86.924782	56151.25	56244.7	5.31	56156.56	56157.52344	56143.65554	56147.48047	505520.7	5408260.4
L5520.0	505520.6	5408262.1	14917.40039	314.81	80.93	48.827314	-86.924782	56150.90	56244.7	5.31	56156.21	56157.00781	56143.94042	56147.51563	505520.6	5408262.1
L5520.0	505520.6	5408263.3	14917.50000	316.84	80.78	48.827324	-86.924782	56150.58	56244.7	5.31	56155.89	56156.51953	56144.98671	56148.31250	505520.6	5408263.3
L5520.0	505520.6	5408264.5	14917.59961	316.61	80.78	48.827335	-86.924782	56149.88	56244.7	5.31	56155.19	56155.65234	56136.75353	56139.83203	505520.6	5408264.5
L5520.0	505520.6	5408265.8	14917.70020	316.55	83.25	48.827347	-86.924782	56149.54	56244.7	5.31	56154.85	56155.14453	56137.31284	56140.14453	505520.6	5408265.8
L5520.0	505520.6	5408267.1	14917.79981	317.37	83.25	48.827359	-86.924783	56149.18	56244.7	5.31	56154.49	56154.61719	56137.41160	56139.99609	505520.6	5408267.1
L5520.0	505520.6	5408267.1	14917.90039	317.55	82.89	48.827359	-86.924783	56148.95	56244.7	5.31	56154.26	56154.21875	56140.80519	56143.14063	505520.6	5408267.1
L5520.0	505520.6	5408268.7	14918.00000	316.34	82.04	48.827373	-86.924783	56148.62	56244.7	5.31	56153.93	56153.71875	56141.73612	56143.82813	505520.6	5408268.7
L5520.0	505520.5	5408270.1	14918.09961	316.51	82.04	48.827386	-86.924783	56148.13	56244.7	5.31	56153.44	56153.05859	56138.62711	56140.47656	505520.5	5408270.1
L5520.0	505520.5	5408272.0	14918.20020	316.24	85.08	48.827403	-86.924783	56147.61	56244.7	5.31	56152.92	56152.36719	56134.73790	56136.34375	505520.5	5408272.0
L5520.0	505520.5	5408272.0	14918.29981	316.30	85.08	48.827403	-86.924783	56147.11	56244.7	5.31	56152.43	56151.70703	56131.60211	56132.96875	505520.5	5408272.0
L5520.0	505520.5	5408273.6	14918.40039	319.22	79.33	48.827418	-86.924783	56146.70	56244.7	5.31	56152.01	56151.11719	56130.25667	56131.38281	505520.5	5408273.6
L5520.0	505520.5	5408275.3	14918.50000	319.08	85.8	48.827432	-86.924784	56146.17	56244.7	5.31	56151.49	56150.42578	56126.34930	56127.23828	505520.5	5408275.3
L5520.0	505520.5	5408275.3	14918.59961	317.91	85.8	48.827432	-86.924784	56145.82	56244.7	5.32	56151.13	56149.89453	56126.55250	56127.20703	505520.5	5408275.3
L5520.0	505520.5	5408277.0	14918.70020	317.69	85.8	48.827447	-86.924784	56145.71	56244.7	5.32	56151.03	56149.62109	56133.42378	56133.84766	505520.5	5408277.0
L5520.0	505520.5	5408278.5	14918.79981	318.61	85.78	48.827462	-86.924784	56145.28	56244.7	5.32	56150.60	56149.02344	56131.81936	56132.01172	505520.5	5408278.5
L5520.0	505520.4	5408280.4	14918.90039	319.39	85.32	48.827478	-86.924784	56144.78	56244.7	5.32	56150.10	56148.35156	56128.41953	56128.38281	505520.4	5408280.4
L5520.0	505520.4	5408280.4	14919.00000	317.56	85.32	48.827478	-86.924784	56144.44	56244.7	5.32	56149.76	56147.83984	56129.09841	56128.83594	505520.4	5408280.4
L5520.0	505520.4	5408282.9	14919.00000	317.56	85.93	48.827501	-86.924785	56144.05	56244.7	5.32	56149.37	56147.28125	56128.48582	56128.00000	505520.4	5408282.9
L5520.0	505520.4	5408282.9	14919.20020	315.34	85.93	48.827501	-86.924785	56143.78	56244.7	5.32	56149.10	56146.83984	56130.89890	56130.19531	505520.4	5408282.9
L5520.0	505520.4	5408284.1	14919.29981	315.29	87.64	48.827512	-86.924785	56143.57	56244.7	5.32	56148.89	56146.46094	56134.79269	56133.87109	505520.4	5408284.1
L5520.0	505520.4	5408284.1	14919.40039	313.54	86.58	48.827512	-86.924785	56143.16	56244.7	5.32	56148.48	56145.87891	56133.60538	56132.46875	505520.4	5408284.1
L5520.0	505520.4	5408285.7	14919.50000	314.66	86.58	48.827526	-86.924785	56142.83	56244.7	5.32	56148.16	56145.39063	56134.66564	56133.31641	505520.4	5408285.7
L5520.0	505520.4	5408287.5	14919.59961	314.15	86.06	48.827543	-86.924785	56142.47	56244.7	5.33	56147.80	56144.86328	56134.70061	56133.14453	505520.4	5408287.5
L5520.0	505520.4	5408288.7	14919.70020	315.66	86.06	48.827553	-86.924785	56142.08	56244.7	5.33	56147.40	56144.29688	56133.71997	56131.96094	505520.4	5408288.7
L5520.0	505520.4	5408288.7	14919.79981	315.11	87.48	48.827553	-86.924785	56141.89	56244.7	5.33	56147.22	56143.94922	56138.22583	56136.26172	505520.4	5408288.7
L5520.0	505520.4	5408290.4	14919.90039	315.75	82.07	48.827568	-86.924785	56141.69	56244.7	5.33	56147.02	56143.58203	56142.21905	56140.05859	505520.4	5408290.4
L5520.0	505520.4	5408291.8	14920.00000	314.64	82.07	48.827581	-86.924785	56141.12	56244.7	5.33	56146.45	56142.84766	56136.97696	56134.62109	505520.4	5408291.8
L5520.0	505520.4	5408293.3	14920.09961	316.50	84.13	48.827595	-86.924785	56140.61	56244.7	5.33	56145.94	56142.17188	56133.23413	56130.68750	505520.4	5408293.3

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5520.0	505520.4	5408293.3	14920.20020	317.36	84.13	48.827595	-86.924785	56140.20	56244.7	5.33	56145.53	56141.60156	56131.99300	56129.25781	505520.4	5408293.3
L5520.0	505520.4	5408295.2	14920.29981	317.66	87.13	48.827611	-86.924785	56139.72	56244.7	5.33	56145.05	56140.95703	56129.00571	56126.08594	505520.4	5408295.2
L5520.0	505520.4	5408296.6	14920.40039	317.56	87.13	48.827624	-86.924785	56139.31	56244.7	5.33	56144.65	56140.39453	56128.03997	56124.94141	505520.4	5408296.6
L5520.0	505520.3	5408298.0	14920.50000	317.84	87.11	48.827636	-86.924785	56138.99	56244.7	5.33	56144.32	56139.90625	56128.87165	56125.59375	505520.3	5408298.0
L5520.0	505520.3	5408298.0	14920.59961	318.28	84.47	48.827636	-86.924785	56138.78	56244.7	5.34	56144.11	56139.53516	56132.80337	56129.35547	505520.3	5408298.0
L5520.0	505520.3	5408299.4	14920.70020	318.32	84.47	48.827649	-86.924786	56138.41	56244.7	5.34	56143.74	56139.00781	56132.74799	56129.13281	505520.3	5408299.4
L5520.0	505520.3	5408300.6	14920.79981	316.66	82.31	48.827660	-86.924786	56137.94	56244.7	5.34	56143.28	56138.39063	56130.45827	56126.67578	505520.3	5408300.6
L5520.0	505520.3	5408302.2	14920.90039	316.31	82.31	48.827675	-86.924786	56137.52	56244.7	5.34	56142.86	56137.81641	56129.25544	56125.31250	505520.3	5408302.2
L5520.0	505520.3	5408302.2	14921.00000	317.04	82.79	48.827675	-86.924786	56137.02	56244.7	5.34	56142.36	56137.16016	56126.06715	56121.96484	505520.3	5408302.2
L5520.0	505520.3	5408305.0	14921.00000	317.04	82.79	48.827700	-86.924786	56136.43	56244.7	5.34	56141.77	56136.41797	56120.62212	56116.36719	505520.3	5408305.0
L5520.0	505520.3	5408305.0	14921.20020	317.01	85.88	48.827700	-86.924786	56136.18	56244.7	5.34	56141.53	56136.02734	56124.32763	56119.92578	505520.3	5408305.0
L5520.0	505520.3	5408306.2	14921.29981	316.76	84.21	48.827711	-86.924786	56135.82	56244.7	5.34	56141.16	56135.50391	56124.78498	56120.23828	505520.3	5408306.2
L5520.0	505520.3	5408307.9	14921.40039	315.05	84.21	48.827726	-86.924785	56135.70	56244.7	5.34	56141.04	56135.23828	56131.90085	56127.21094	505520.3	5408307.9
L5520.0	505520.3	5408307.9	14921.50000	316.30	77.71	48.827726	-86.924785	56135.31	56244.7	5.35	56140.66	56134.70703	56132.37811	56127.55078	505520.3	5408307.9
L5520.0	505520.3	5408309.7	14921.59961	317.90	77.71	48.827742	-86.924785	56134.82	56244.7	5.35	56140.16	56134.06250	56129.84367	56124.88281	505520.3	5408309.7
L5520.0	505520.4	5408311.0	14921.70020	317.59	81.49	48.827754	-86.924785	56134.23	56244.7	5.35	56139.57	56133.32813	56125.07154	56119.98438	505520.4	5408311.0
L5520.0	505520.4	5408312.2	14921.79981	318.42	81.49	48.827765	-86.924785	56133.91	56244.7	5.35	56139.25	56132.86719	56127.57736	56122.36328	505520.4	5408312.2
L5520.0	505520.4	5408313.6	14921.90039	317.87	78.03	48.827777	-86.924785	56133.39	56244.7	5.35	56138.74	56132.21484	56125.23651	56119.90234	505520.4	5408313.6
L5520.0	505520.4	5408313.6	14922.00000	318.68	79.18	48.827777	-86.924785	56133.14	56244.7	5.35	56138.49	56131.82422	56129.97815	56124.52734	505520.4	5408313.6
L5520.0	505520.4	5408315.2	14922.09961	316.77	79.18	48.827791	-86.924785	56132.69	56244.6	5.35	56138.04	56131.23438	56129.61762	56124.05469	505520.4	5408315.2
L5520.0	505520.4	5408317.0	14922.20020	317.40	80.17	48.827808	-86.924784	56132.40	56244.6	5.35	56137.76	56130.82031	56133.97676	56128.30469	505520.4	5408317.0
L5520.0	505520.4	5408317.0	14922.29981	314.70	80.17	48.827808	-86.924784	56131.73	56244.6	5.36	56137.08	56130.00391	56127.94700	56122.16797	505520.4	5408317.0
L5520.0	505520.4	5408318.8	14922.40039	316.18	80.69	48.827824	-86.924784	56131.29	56244.6	5.36	56136.65	56129.44141	56128.77836	56122.89844	505520.4	5408318.8
L5520.0	505520.4	5408320.2	14922.50000	316.95	80.69	48.827836	-86.924784	56130.70	56244.6	5.36	56136.06	56128.71875	56125.63502	56119.66016	505520.4	5408320.2
L5520.0	505520.5	5408321.6	14922.59961	319.24	79.32	48.827849	-86.924784	56130.36	56244.6	5.36	56135.72	56128.25000	56129.31404	56123.24609	505520.5	5408321.6
L5520.0	505520.5	5408321.6	14922.70020	319.51	79.32	48.827849	-86.924784	56129.73	56244.6	5.36	56135.09	56127.49219	56125.66212	56119.50391	505520.5	5408321.6
L5520.0	505520.5	5408323.2	14922.79981	320.34	73.68	48.827864	-86.924783	56129.24	56244.6	5.37	56134.60	56126.87500	56125.94111	56119.69531	505520.5	5408323.2
L5520.0	505520.5	5408324.7	14922.90039	318.23	75.28	48.827877	-86.924783	56128.50	56244.6	5.37	56133.86	56126.01172	56120.06438	56113.73828	505520.5	5408324.7
L5520.0	505520.5	5408324.7	14923.00000	318.93	75.28	48.827877	-86.924783	56128.21	56244.6	5.37	56133.58	56125.60938	56126.29614	56119.89063	505520.5	5408324.7
L5520.0	505520.5	5408326.4	14923.00000	318.93	76.47	48.827892	-86.924783	56127.63	56244.6	5.37	56133.00	56124.91016	56125.12767	56118.64844	505520.5	5408326.4
L5520.0	505520.5	5408327.7	14923.20020	317.02	76.47	48.827904	-86.924783	56127.31	56244.6	5.37	56132.67	56124.46094	56130.59110	56124.03906	505520.5	5408327.7
L5520.0	505520.5	5408329.1	14923.29981	314.73	74.93	48.827917	-86.924782	56126.48	56244.6	5.36	56131.84	56123.51172	56123.75565	56117.13672	505520.5	5408329.1
L5520.0	505520.5	5408329.1	14923.40039	315.06	78.02	48.827917	-86.924782	56126.09	56244.6	5.36	56131.45	56123.00781	56128.31922	56121.63281	505520.5	5408329.1
L5520.0	505520.6	5408331.2	14923.50000	314.59	78.07	48.827935	-86.924782	56125.32	56244.6	5.36	56130.68	56122.12500	56123.72837	56116.98047	505520.6	5408331.2
L5520.0	505520.6	5408332.6	14923.59961	314.50	78.07	48.827948	-86.924782	56124.87	56244.6	5.36	56130.22	56121.55078	56127.22102	56120.41797	505520.6	5408332.6
L5520.0	505520.6	5408332.6	14923.70020	312.20	75.73	48.827948	-86.924782	56124.06	56244.6	5.36	56129.42	56120.64063	56122.65887	56115.80078	505520.6	5408332.6
L5520.0	505520.6	5408334.0	14923.79981	313.56	75.73	48.827961	-86.924782	56123.73	56244.6	5.35	56129.09	56120.20313	56130.09879	56123.18750	505520.6	5408334.0
L5520.0	505520.6	5408335.5	14923.90039	313.08	75.19	48.827975	-86.924781	56122.92	56244.6	5.35	56128.27	56119.27734	56125.85400	56118.89453	505520.6	5408335.5
L5520.0	505520.6	5408337.4	14924.00000	314.27	75.19	48.827991	-86.924781	56122.42	56244.7	5.35	56127.77	56118.67188	56129.90805	56122.90234	505520.6	5408337.4
L5520.0	505520.6	5408337.4	14924.09961	313.10	72.53	48.827991	-86.924781	56121.45	56244.6	5.35	56126.80	56117.60156	56122.84931	56115.80078	505520.6	5408337.4
L5520.0	505520.6	5408338.6	14924.20020	315.45	74.58	48.828002	-86.924781	56120.80	56244.6	5.35	56126.15	56116.85156	56124.10708	56117.01953	505520.6	5408338.6
L5520.0	505520.7	5408340.2	14924.29981	317.34	74.58	48.828016	-86.924780	56119.91	56244.6	5.35	56125.27	56115.87109	56120.17907	56113.05469	505520.7	5408340.2
L5520.0	505520.7	5408341.5	14924.40039	317.37	71.15	48.828028	-86.924780	56119.54	56244.6	5.35	56124.89	56115.39453	56129.04678	56121.88672	505520.7	5408341.5
L5520.0	505520.7	5408343.1	14924.50000	315.67	71.15	48.828042	-86.924780	56118.54	56244.6	5.36	56123.90	56114.30859	56123.39283	56116.19922	505520.7	5408343.1
L5520.0	505520.7	5408344.4	14924.59961	318.15	72.66	48.828055	-86.924780	56117.82	56244.6	5.36	56123.17	56113.48438	56124.67269	56117.44922	505520.7	5408344.4
L5520.0	505520.7	5408344.4	14924.70020	317.96	72.66	48.828055	-86.924780	56116.88	56244.6	5.36	56122.24	56112.46094	56121.53281	56114.28125	505520.7	5408344.4
L5520.0	505520.6	5408346.0	14924.79981	317.85	71.9	48.828069	-86.924781	56116.06	56244.6	5.36	56121.42	56111.55078	56121.67072	56114.39453	505520.6	5408346.0
L5520.0	505520.6	5408346.0	14924.90039	319.38	71.9	48.828069	-86.924781	56115.08	56244.6	5.36	56120.44	56110.48438	56118.38409	56111.08203	505520.6	5408346.0
L5520.0	505520.6	5408347.3	14925.00000	316.99	63.02	48.828081	-86.924781	56114.12	56244.6	5.36	56119.48	56109.43750	56116.16860	56108.84375	505520.6	5408347.3
L5520.0	505520.6	5408350.1	14925.00000	316.99	70.64	48.828105	-86.924781	56112.94	56244.6	5.36	56118.30	56108.17188	56109.03117	56101.68750	505520.6	5408350.1
L5520.0	505520.6	5408350.1	14925.20020	315.95	70.64	48.828105	-86.924781	56111.91	56244.6	5.37	56117.28	56107.07031	56106.50923	56099.14844	505520.6	5408350.1
L5520.0	505520.6	5408351.4	14925.29981	316.87	70.61	48.828117	-86.924781	56110.79	56244.6	5.37	56116.16	56105.86719	56102.10832	56094.73047	505520.6	5408351.4
L5520.0	505520.6	5408352.6	14925.40039	316.32	67.02	48.828128	-86.924781	56110.07	56244.6	5.38	56115.44	56105.07031	56108.36583	56100.97266	505520.6	5408352.6
L5520.0	505520.6	5408352.6	14925.50000	315.52	67.02	48.828128	-86.924781	56109.24	56244.6	5.38	56114.62	56104.17188	56112.73865	56105.33203	505520.6	5408352.6
L5520.0	505520.6	5408354.2	14925.59961	313.81	65.94	48.828142	-86.924782	56108.28	56244.6	5.38	56113.66	56103.13281	56114.23806	56106.82031	505520.6	5408354.2
L5520.0	505520.6	5408355.5	14925.70020	315.40	68.94	48.828154	-86.924782	56107.34	56244.6	5.39	56112.73	56102.12891	56117.10507	56109.67578	505520.6	5408355.5
L5520.0	505520.6	5408355.5	14925.79981	315.83	68.94	48.828154	-86.924782	56106.20	56244.6	5.39	56111.60	56100.92578	56115.65131	56108.21484	505520.6	5408355.5
L5520.0	505520.5	5408357.6	14925.90039	315.98	68.61	48.828173	-86.924782	56105.02	56244.6	5.40	56110.42	56099.67578	56113.62261	56106.17578	505520.5	5408357.6
L5520.0	505520.6	5408359.0	14926.00000	314.50	68.61	48.828185	-86.924782	56104.07	56244.6	5.40	56109.47	56098.65234	56117.86785	56110.41406	505520.6	5408359.0
L5520.0	505520.6	5408360.3	14926.09961	315.78	66.62	48.828198	-86.924782	56102.79	56244.6	5.40	56108.18	56097.29297	56114.45241	56106.99219	505520.6	5408360.3
L5520.0	505520.6	5408360.3	14926.20020	314.70	66.62	48.828198	-86.924782	56101.56	56244.6	5.39	56106.95	56095.99609	56113.15979	56105.69141	505520.6	5408360.3
L5520.0	505520.6	5408361.7	14926.29981	316.71	67.86	48.828210	-86.924781	56100.01	56244.6	5.39	56105.40	56094.38281	56104.81297	56097.33984	505520.6	5408361.7
L5520.0	505520.6	5408363.1	14926.40039	315.33	67.05	48.828222	-86.924781	56098.86	56244.6	5.39	56104.25	56093.16797	56106.76351	56099.28516	505520.6	5408363.1
L5520.0	505520.6	5408364.4	14926.50000	315.74	67.05	48.828234	-86.924780	56097.40	56244.6	5.39	56102.78	56091.63672	56101.68836	56094.20703	505520.6	5408364.4
L5520.0	505520.7	5408366.0	14926.59961	314.85	67.03	48.828249	-86.924780	56096.36	56244.6	5.38	56101.74	56090.53516	56107.51362	56100.02734	505520.7	5408366.0
L5520.0	505520.7	5408366.0	14926.70020	315.13	68.41	48.828249	-86.924780	56094.72	56244.6	5.38	56100.10	56088.83203	56099.69468	56092.20313	505520.7	5408366.0
L5520.0	505520.7	5408367.7	14926.79981	314.24	68.41	48.828263	-86.924780	56093.26	56244.6	5.38	56098.63	56087.30469	56096.56688	56089.07031	505520.7	5408367.7
L5520.0	505520.7	5408368.8	14926.90039	314.12	68.41	48.828274	-86.924779	56091.75	56244.6	5.37	56097.13	56085.74609	56093.36563	56085.86719	505520.7	5408368.8
L5520.0	505520.7	5408370.2	14927.00000	315.09	66.36	48.828286	-86.924779	56090.40	56244.6	5.37	56095.77	56084.33203	56094.08185	56086.57813	505520.7	5408370.2
L5520.0	505520.7	5408370.2	14927.00000	315.09	68.04	48.828286	-86.924779	56089.08	56244.6	5.37	56094.45	56082.95703	56096.34067	56088.83203	505520.7	5408370.2
L5520.0	505520.8	5408372.0	14927.20020	315.35	68.04	48.828302	-86.924779	56087.54	56244.6	5.37	56092.91	56081.36328	56094.03646	56086.51953	505520.8	5408372.0
L5520.0	505520.8	5408373.3	14927.29981	314.82	64.99	48.828314	-86.924778	56085.69	56244.6	5.37	56091.06	56079.46094	56085.05307	56077.53125	505520.8	5408373.3
L5520.0	505520.8	5408374.5	14927.40039	315.85	64.89	48.828325	-86.924778	56084.00	56244.6	5.37	56089.37	56077.71875	56080.40515	56072.87891	505520.8	5408374.5
L5520.0	505520.8	5408376.0	14927.50000	315.39	64.89	48.828339	-86.924778	56082.32	56244.6	5.38	56087.70	56076.00000	56076.79385	56069.25781	505520.8	5408376.0
L5520.0	505520.8	5408377.4	14927.59961	315.05	67.13	48.828351	-86.924778	56080.73	56244.6	5.38	56086.11	56074.35938	56075.63617	56068.09375	505520.8	5408377.4
L5520.0	505520.8	5408377.4	14927.70020	314.97	67.13	48.828351	-86.924778	56079.11	56244.6	5.38	56084.49	56072.69141	56074.33620	56066.78516	505520.8	5408377.4
L5520.0	505520.8	5408379.3	14927.79981	314.01	66.99	48.828368	-86.924778	56077.57	56244.6	5.38	56082.95	56071.10547	56075.52550	56067.96484	505520.8	5408379.3
L5520.0	505520.8	5408380.4	14927.90039	314.26	66.99	48.828378	-86.924778	56075.82	56244.6	5.38	56081.20	56069.31250	56072.24548	56064.67188	505520.8	5408380.4
L5520.0	505520.8	5408380.4	14928.00000	313.59	59.14	48.828378	-86.924778	56074.08	56244.6	5.38	56079.46	56067.52734	56069.75075	56062.16406	505520.8	5408380.4
L5520.0	505520.8	5408382.0	14928.09961	314.04	51.68	48.828393	-86.924778	56072.36	56244.6	5.38	56077.74	56065.76172	56068.30265	56060.70313	505520.8	5408382.0
L5520.0	505520.8	5408383.4	14928.20020	314.87	51.68	48.828405	-86.924778	56070.64	56244.6	5.39	56076.03	56064.00781	56067.67812	56060.06641	505520.8	5408383.4
L5520.0	505520.8	5408384.8	14928.29981	315.69	56.8	48.828418	-86.924778	56068.97	56244.6	5.39	56074.36	56062.29688	56068.65368	56061.02344	505520.8	5408384.8
L5520.0	505520.8	5408386.1	14928.40039	316.38	63.62	48.828429	-86.924778	56067.07	56244.6	5.39	56072.47	56060.36719	56064.66048	56057.01563	505520.8	5408386.1
L5520.0	505520.8	5408386.1	14928.50000	315.24	63.62	48.828429	-86.924778	56065.13	56244.6	5.40	56070.52	56058.37500	56059.64969	56051.98438	505520.8	5408386.1
L5520.0	505520.8	5408387.3	14928.59961	315.21	61.68	48.828440	-86.924779	56063.20	56244.6	5.40	56068.60	56056.41406	56055.92442	56048.23828	505520.8	5408387.3
L5520.0	505520.7	5408388.9	14928.70020	317.52	63.34	48.828455	-86.924779	56061.43	56244.6	5.40	56066.83	56054.60547	56056.66749	56048.95703	505520.7	5408388.9
L5520.0	505520.7	5408390.5	14928.79981	320.90	63.34	48.828469	-86.924779	56059.66	56244.6	5.40	56065.06	56052.80078	56058.03121	56050.29688	505520.7	5408390.5
L5520.0	505520.7	5408390.5	14928.90039	319.88	62.97	48.828469	-86.924779	56057.74	56244.6	5.41	56063.15	56050.85156	56056.28704	56048.52734	505520.7	5408390.5
L5520.0	505520.7	5408391.9	14929.00000	319.47	59.04	48.828481	-86.924779	56055.72	56244.6	5.41	56061.13	56048.79297	56052.55180	56044.76563	505520.7	5408391.9
L5520.0	505520.7	5408393.3	14929.00000	319.47	59.04	48.828494	-86.924779	56053.52	56244.6	5.41	56058.93	56046.55859	56046.08696	56038.26953	505520.7	5408393.3
L5520.0	505520.7	5408395.0	14929.20020	320.73	59.79	48.828509	-86.924780	56051.74	56244.6	5.41	56057.15	56044.74219	56047.08354	56039.23438	505520.7	5408395.0
L5520.0	505520.7	5408395.0	14929.29981	318.92	60.86	48.828509	-86.924780	56049.74	56244.6	5.41	56055.15	56042.70703	56044.70498	56036.82031	505520.7	5408395.0
L5520.0	505520.7	5408396.5	14929.40039	318.61	64.56	48.828523	-86.924780	56047.70	56244.6	5.41	56053.11	56040.63281	56041.99741	56034.07813	505520.7	5408396.5

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5520.0	505520.7	5408397.9	14929.50000	318.36	64.56	48.828536	-86.924780	56045.52	56244.6	5.41	56050.93	56038.41797	56037.24560	56029.28516	505520.7	5408397.9
L5520.0	505520.6	5408399.3	14929.59961	319.93	54.61	48.828548	-86.924780	56043.50	56244.6	5.41	56048.91	56036.36328	56035.59512	56027.59375	505520.6	5408399.3
L5520.0	505520.6	5408400.7	14929.70020	317.98	54.61	48.828560	-86.924780	56041.17	56244.6	5.41	56046.58	56034.00000	56028.99560	56020.94922	505520.6	5408400.7
L5520.0	505520.6	5408400.7	14929.79981	317.58	60.19	48.828560	-86.924780	56038.96	56244.6	5.41	56044.38	56031.76953	56024.99190	56016.90234	505520.6	5408400.7
L5520.0	505520.6	5408402.1	14929.90039	318.18	59.13	48.828573	-86.924780	56036.70	56244.6	5.41	56042.11	56029.46484	56020.16151	56012.02344	505520.6	5408402.1
L5520.0	505520.6	5408403.7	14930.00000	320.11	59.13	48.828587	-86.924780	56034.59	56244.6	5.41	56040.00	56027.32422	56018.40107	56010.21094	505520.6	5408403.7
L5520.0	505520.6	5408405.3	14930.09961	321.20	62.71	48.828602	-86.924780	56032.32	56244.6	5.41	56037.73	56025.02344	56014.27219	56006.02734	505520.6	5408405.3
L5520.0	505520.6	5408406.7	14930.20020	320.07	62.71	48.828614	-86.924780	56030.30	56244.6	5.41	56035.71	56022.96875	56014.66473	56006.36328	505520.6	5408406.7
L5520.0	505520.6	5408406.7	14930.29981	318.59	63.49	48.828614	-86.924780	56027.96	56244.6	5.41	56033.38	56020.60938	56007.34780	55998.98828	505520.6	5408406.7
L5520.0	505520.6	5408408.0	14930.40039	318.43	63.49	48.828627	-86.924780	56025.84	56244.6	5.41	56031.25	56018.44531	56007.52167	55999.10156	505520.6	5408408.0
L5520.0	505520.6	5408409.4	14930.50000	314.70	58.31	48.828639	-86.924780	56023.57	56244.6	5.41	56028.98	56016.14453	56004.41338	55995.92969	505520.6	5408409.4
L5520.0	505520.6	5408409.4	14930.59961	314.03	58.31	48.828639	-86.924780	56021.44	56244.6	5.41	56026.85	56013.98438	56005.38271	55996.83203	505520.6	5408409.4
L5520.0	505520.7	5408411.1	14930.70020	314.87	56.81	48.828654	-86.924780	56018.93	56244.6	5.41	56024.34	56011.44141	55996.79909	55988.17578	505520.7	5408411.1
L5520.0	505520.7	5408412.5	14930.79981	316.51	60.44	48.828666	-86.924780	56016.76	56244.6	5.41	56022.17	56009.24219	55997.46322	55988.76953	505520.7	5408412.5
L5520.0	505520.7	5408413.8	14930.90039	315.15	60.44	48.828679	-86.924779	56014.38	56244.6	5.41	56019.79	56006.82813	55993.01446	55984.24609	505520.7	5408413.8
L5520.0	505520.7	5408415.2	14931.00000	316.01	59.53	48.828691	-86.924779	56012.43	56244.6	5.41	56017.84	56004.84766	56000.07331	55991.22656	505520.7	5408415.2
L5520.0	505520.7	5408416.8	14931.00000	316.01	59.53	48.828706	-86.924779	56009.75	56244.6	5.41	56015.16	56002.13672	55988.51457	55979.58594	505520.7	5408416.8
L5520.0	505520.7	5408416.8	14931.20020	316.05	60.39	48.828706	-86.924779	56007.58	56244.6	5.42	56013.00	55999.94531	55990.75138	55981.73828	505520.7	5408416.8
L5520.0	505520.7	5408418.4	14931.29981	316.77	60.39	48.828720	-86.924779	56004.85	56244.6	5.42	56010.27	55997.18359	55978.51418	55969.41406	505520.7	5408418.4
L5520.0	505520.7	5408420.1	14931.40039	317.12	56.69	48.828735	-86.924779	56002.57	56244.6	5.43	56008.00	55994.88281	55978.45697	55969.26953	505520.7	5408420.1
L5520.0	505520.7	5408420.1	14931.50000	317.76	58.98	48.828735	-86.924779	55999.91	56244.6	5.43	56005.34	55992.19141	55968.54907	55959.26953	505520.7	5408420.1
L5520.0	505520.7	5408421.7	14931.59961	318.02	57.13	48.828750	-86.924779	55997.64	56244.6	5.43	56003.08	55989.89844	55969.20849	55959.83203	505520.7	5408421.7
L5520.0	505520.7	5408423.1	14931.70020	318.07	57.13	48.828762	-86.924779	55995.04	56244.6	5.44	56000.47	55987.25391	55961.00445	55951.53125	505520.7	5408423.1
L5520.0	505520.7	5408424.5	14931.79981	317.81	57.24	48.828775	-86.924779	55992.84	56244.6	5.44	55998.28	55985.03125	55963.81967	55954.24219	505520.7	5408424.5
L5520.0	505520.7	5408424.5	14931.90039	317.69	57.24	48.828775	-86.924779	55990.31	56244.6	5.45	55995.75	55982.46875	55957.96676	55948.28906	505520.7	5408424.5
L5520.0	505520.7	5408425.4	14932.00000	316.45	55.3	48.828783	-86.924779	55988.08	56244.6	5.45	55993.53	55980.21484	55960.20860	55950.42188	505520.7	5408425.4
L5520.0	505520.7	5408426.8	14932.09961	317.08	58.28	48.828795	-86.924779	55985.24	56244.6	5.45	55990.69	55977.33984	55946.47901	55936.58203	505520.7	5408426.8
L5520.0	505520.7	5408428.6	14932.20020	317.27	58.28	48.828812	-86.924779	55983.02	56244.6	5.45	55988.47	55975.08594	55948.76075	55938.75391	505520.7	5408428.6
L5520.0	505520.7	5408430.0	14932.29981	317.26	58.69	48.828824	-86.924779	55980.31	56244.6	5.45	55985.76	55972.34375	55938.34706	55928.22266	505520.7	5408430.0
L5520.0	505520.7	5408430.0	14932.40039	316.12	58.47	48.828824	-86.924779	55978.16	56244.6	5.45	55983.61	55970.15625	55942.28109	55932.03906	505520.7	5408430.0
L5520.0	505520.7	5408432.8	14932.50000	317.62	58.47	48.828849	-86.924779	55975.36	56244.6	5.44	55980.80	55967.31250	55929.04115	55918.67969	505520.7	5408432.8
L5520.0	505520.7	5408432.8	14932.59961	316.63	57.52	48.828849	-86.924779	55973.13	56244.6	5.44	55978.57	55965.04688	55930.53941	55920.05469	505520.7	5408432.8
L5520.0	505520.7	5408434.9	14932.70020	314.34	57.52	48.828868	-86.924779	55970.65	56244.6	5.44	55976.09	55962.52734	55925.31596	55914.70313	505520.7	5408434.9
L5520.0	505520.7	5408434.9	14932.79981	313.86	59.65	48.828868	-86.924779	55968.50	56244.6	5.44	55973.94	55960.33984	55928.24146	55917.50000	505520.7	5408434.9
L5520.0	505520.7	5408436.2	14932.90039	316.03	59.65	48.828880	-86.924779	55965.69	56244.6	5.44	55971.13	55957.49219	55913.74369	55902.87109	505520.7	5408436.2
L5520.0	505520.7	5408437.8	14933.00000	315.58	60.39	48.828894	-86.924779	55963.49	56244.6	5.44	55968.93	55955.25391	55914.45412	55903.44922	505520.7	5408437.8
L5520.0	505520.7	5408439.4	14933.00000	315.58	58.68	48.828909	-86.924779	55960.98	56244.6	5.44	55966.42	55952.70703	55906.59155	55895.44922	505520.7	5408439.4
L5520.0	505520.7	5408439.4	14933.20020	314.29	58.68	48.828909	-86.924779	55958.96	56244.6	5.44	55964.40	55950.64844	55910.69408	55899.41016	505520.7	5408439.4
L5520.0	505520.7	5408440.8	14933.29981	314.67	57.55	48.828922	-86.924778	55956.36	56244.6	5.44	55961.80	55948.00781	55899.07205	55887.64844	505520.7	5408440.8
L5520.0	505520.7	5408442.7	14933.40039	316.96	57.55	48.828938	-86.924778	55954.11	56244.6	5.44	55959.55	55945.71484	55895.63421	55884.06641	505520.7	5408442.7
L5520.0	505520.7	5408443.8	14933.50000	317.23	57.3	48.828948	-86.924778	55951.70	56244.6	5.44	55957.15	55943.27344	55887.36079	55875.64844	505520.7	5408443.8
L5520.0	505520.7	5408445.4	14933.59961	317.69	57.3	48.828963	-86.924778	55949.56	56244.6	5.45	55955.00	55941.08203	55884.51346	55872.65234	505520.7	5408445.4
L5520.0	505520.7	5408445.4	14933.70020	317.94	61.02	48.828963	-86.924778	55947.33	56244.6	5.45	55952.78	55938.81641	55878.69841	55866.68359	505520.7	5408445.4
L5520.0	505520.8	5408446.8	14933.79981	316.76	48.42	48.828975	-86.924778	55945.28	56244.6	5.45	55950.72	55936.71484	55875.79429	55863.62500	505520.8	5408446.8
L5520.0	505520.8	5408448.1	14933.90039	317.17	48.42	48.828987	-86.924778	55943.11	56244.6	5.45	55948.55	55934.50000	55868.65936	55856.33594	505520.8	5408448.1
L5520.0	505520.8	5408448.1	14934.00000	318.16	61.22	48.828987	-86.924778	55941.08	56244.6	5.45	55946.53	55932.43359	55863.96837	55851.48828	505520.8	5408448.1
L5520.0	505520.8	5408449.7	14934.09961	318.37	61.22	48.829002	-86.924777	55939.03	56244.6	5.45	55944.48	55930.33984	55856.90617	55844.26953	505520.8	5408449.7
L5520.0	505520.8	5408451.1	14934.20020	316.74	61.47	48.829014	-86.924777	55937.34	56244.6	5.45	55942.79	55928.60156	55857.60169	55844.80078	505520.8	5408451.1
L5520.0	505520.8	5408452.4	14934.29981	315.64	61.47	48.829026	-86.924776	55935.44	56244.6	5.45	55940.89	55926.65234	55850.98148	55838.01953	505520.8	5408452.4
L5520.0	505520.9	5408453.6	14934.40039	315.73	59.67	48.829036	-86.924776	55933.77	56244.6	5.45	55939.22	55924.93359	55848.50014	55835.37109	505520.9	5408453.6
L5520.0	505520.9	5408454.8	14934.50000	315.57	58.33	48.829047	-86.924776	55932.07	56244.6	5.45	55937.52	55923.18750	55843.20205	55829.91016	505520.9	5408454.8
L5520.0	505520.9	5408454.8	14934.59961	313.06	58.49	48.829047	-86.924776	55930.48	56244.6	5.45	55935.93	55921.54688	55838.67948	55825.21875	505520.9	5408454.8
L5520.0	505520.9	5408456.3	14934.70020	316.92	58.49	48.829061	-86.924775	55929.04	56244.6	5.45	55934.49	55920.05469	55835.89737	55822.26563	505520.9	5408456.3
L5520.0	505520.9	5408457.7	14934.79981	316.93	58.84	48.829074	-86.924775	55927.80	56244.6	5.45	55933.25	55918.76172	55836.07683	55822.27344	505520.9	5408457.7
L5520.0	505520.9	5408457.7	14934.90039	318.65	58.84	48.829074	-86.924775	55926.36	56244.6	5.45	55931.81	55917.26953	55828.55685	55814.57813	505520.9	5408457.7
L5520.0	505521.0	5408460.2	14935.00000	316.55	58.32	48.829096	-86.924775	55925.04	56244.6	5.45	55930.49	55915.89844	55821.70351	55807.55469	505521.0	5408460.2
L5520.0	505521.0	5408460.2	14935.00000	316.55	59.37	48.829096	-86.924775	55924.11	56244.6	5.45	55929.56	55914.91406	55822.53454	55808.21094	505521.0	5408460.2
L5520.0	505521.0	5408461.8	14935.20020	316.66	59.37	48.829111	-86.924774	55923.09	56244.6	5.45	55928.54	55913.83594	55818.31553	55803.81250	505521.0	5408461.8
L5520.0	505521.0	5408463.7	14935.29981	317.10	57.67	48.829127	-86.924774	55922.18	56244.6	5.45	55927.63	55912.87109	55814.24277	55799.56250	505521.0	5408463.7
L5520.0	505521.0	5408463.7	14935.40039	317.94	57.67	48.829127	-86.924774	55921.27	56244.6	5.45	55926.72	55911.90234	55807.37860	55792.51953	505521.0	5408463.7
L5520.0	505521.0	5408465.3	14935.50000	318.57	61.56	48.829142	-86.924774	55920.82	56244.6	5.45	55926.27	55911.39844	55809.67270	55794.63672	505521.0	5408465.3
L5520.0	505521.0	5408466.7	14935.59961	319.49	61.56	48.829154	-86.924774	55920.34	56244.6	5.45	55925.79	55910.85938	55808.26928	55793.05078	505521.0	5408466.7
L5520.0	505521.0	5408466.7	14935.70020	318.11	65.55	48.829154	-86.924774	55920.04	56244.6	5.45	55925.49	55910.50000	55808.59751	55793.19922	505521.0	5408466.7
L5520.0	505521.0	5408468.3	14935.79981	317.39	61.96	48.829169	-86.924774	55919.86	56244.6	5.45	55925.31	55910.25781	55809.05844	55793.47656	505521.0	5408468.3
L5520.0	505521.0	5408470.0	14935.90039	316.39	61.96	48.829184	-86.924774	55919.86	56244.6	5.45	55925.31	55910.19922	55811.16933	55795.40625	505521.0	5408470.0
L5520.0	505521.0	5408471.1	14936.00000	316.77	65.26	48.829194	-86.924774	55919.78	56244.6	5.45	55925.23	55910.05469	55808.26337	55792.32031	505521.0	5408471.1
L5520.0	505521.0	5408472.5	14936.09961	316.66	65.26	48.829207	-86.924774	55919.91	56244.5	5.45	55925.36	55910.12500	55807.78432	55791.65625	505521.0	5408472.5
L5520.0	505521.0	5408474.1	14936.20020	316.39	65.22	48.829221	-86.924774	55920.32	56244.5	5.46	55925.77	55910.46875	55811.49487	55795.18359	505521.0	5408474.1
L5520.0	505521.0	5408474.1	14936.29981	317.85	60.83	48.829221	-86.924774	55920.92	56244.5	5.46	55926.38	55911.01563	55817.35399	55800.85938	505521.0	5408474.1
L5520.0	505521.0	5408475.8	14936.40039	316.08	60.83	48.829237	-86.924774	55921.42	56244.5	5.46	55926.88	55911.44922	55817.58381	55800.90625	505521.0	5408475.8
L5520.0	505521.0	5408477.0	14936.50000	314.92	60.68	48.829247	-86.924774	55922.21	56244.5	5.46	55927.67	55912.17578	55822.29916	55805.43750	505521.0	5408477.0
L5520.0	505521.0	5408477.0	14936.59961	314.92	60.16	48.829247	-86.924774	55922.87	56244.5	5.47	55928.33	55912.76953	55821.04434	55804.00000	505521.0	5408477.0
L5520.0	505521.0	5408478.8	14936.70020	314.20	60.16	48.829264	-86.924774	55924.13	56244.5	5.47	55929.60	55913.97266	55832.30373	55815.07813	505521.0	5408478.8
L5520.0	505521.0	5408479.9	14936.79981	313.63	61.42	48.829274	-86.924774	55925.09	56244.5	5.47	55930.57	55914.87500	55833.54192	55816.13281	505521.0	5408479.9
L5520.0	505521.0	5408481.2	14936.90039	315.15	61.42	48.829285	-86.924774	55926.31	56244.5	5.48	55931.79	55916.02734	55838.49527	55820.90234	505521.0	5408481.2
L5520.0	505521.0	5408482.3	14937.00000	315.45	60.96	48.829294	-86.924774	55927.39	56244.5	5.48	55932.88	55917.04688	55837.89343	55820.12109	505521.0	5408482.3
L5520.0	505521.0	5408483.9	14937.00000	315.45	60.96	48.829309	-86.924774	55928.81	56244.5	5.48	55934.29	55918.38672	55842.92211	55824.96875	505521.0	5408483.9
L5520.0	505521.0	5408483.9	14937.20020	316.16	58.9	48.829309	-86.924774	55930.28	56244.5	5.48	55935.76	55919.78516	55847.30569	55829.17188	505521.0	5408483.9
L5520.0	505521.0	5408485.5	14937.29981	316.40	58.9	48.829324	-86.924773	55932.07	56244.5	5.48	55937.55	55921.50391	55857.55923	55839.24609	505521.0	5408485.5
L5520.0	505521.1	5408486.5	14937.40039	314.47	56.3	48.829332	-86.924773	55933.67	56244.5	5.48	55939.14	55923.02344	55861.08229	55842.58984	505521.1	5408486.5
L5520.0	505521.1	5408487.9	14937.50000	315.66	58.29	48.829345	-86.924773	55935.64	56244.5	5.48	55941.12	55924.93359	55872.51340	55853.84375	505521.1	5408487.9
L5520.0	505521.1	5408489.3	14937.59961	318.01	58.29	48.829358	-86.924773	55937.18	56244.5	5.47	55942.66	55926.39844	55871.63573	55852.78906	505521.1	5408489.3
L5520.0	505521.1	5408490.9	14937.70020	316.28	60.27	48.829372	-86.924772	55939.13	56244.5	5.47	55944.61	55928.27734	55879.50956	55860.48828	505521.1	5408490.9
L5520.0	505521.1	5408490.9	14937.79981	316.05	59.48	48.829372	-86.924772	55941.06	56244.5	5.47	55946.53	55930.12109	55885.48797	55866.29297	505521.1	5408490.9
L5520.0	505521.1	5408492.5	14937.90039	315.32	59.48	48.829386	-86.924772	55943.11	56244.5	5.47	55948.58	55932.09766	55893.70040	55874.33203	505521.1	5408492.5
L5520.0	505521.2	5408494.0	14938.00000	314.69	58.07	48.829400	-86.924771	55944.92	56244.5	5.47	55950.39	55933.83594	55895.14322	55875.60547	505521.2	5408494.0
L5520.0	505521.2	5408495.5	14938.09961	315.22	58.07	48.829414	-86.924771	55947.18	56244.5	5.47	55952.65	55936.01953	55907.13326	55887.42578	505521.2	5408495.5
L5520.0	505521.2	5408497.1	14938.20020	315.17	56.87	48.829428	-86.924770	55949.02	56244.5	5.47	55954.49	55937.78516	55908.18504	55888.31250	505521.2	5408497.1
L5520.0	505521.2	5408497.1	14938.29981	313.23	56.26	48.829428	-86.924770	55951.25	56244.5	5.47	55956.72	55939.93750	55918.67681	55898.63672	505521.2	5408497.1
L5520.0	505521.3	5408498.7	14938.40039	316.88	56.26	48.829442	-86.924770	55953.22	56244.5	5.47	55958.69	55941.83203	55922.52521	55902.32031	505521.3	5408498.7
L5520.0	505521.3	5408498.7	14938.50000	316.91	60.52	48.829442	-86.924770	55955.37	56244.5	5.47	55960.84	55943.90625	55930.91723	55910.55469	505521.3	5408498.7
L5520.0	505521.3	5408500.0	14938.59961	317.41	60.52	48.829454	-86.924769	55957.29	56244.5	5.47	55962.76	55945.75000	55933.71404	55913.19141	505521.3	5408500.0
L5520.0	505521.4	5408501.7	14938.70020	316.68	58.5	48.829469	-86.924769	55959.44	56244.5	5.47	55964.91	55947.82422	55942.64076	55921.96094	505521.4	5408501.7

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5520.0	505521.4	5408503.3	14938.79981	316.88	58.5	48.829484	-86.924768	55961.29	56244.5	5.47	55966.76	55949.59766	55944.50270	55923.66797	505521.4	5408503.3
L5520.0	505521.4	5408503.3	14938.90039	316.28	61.11	48.829484	-86.924768	55963.26	56244.5	5.47	55968.73	55951.49219	55950.02338	55929.03516	505521.4	5408503.3
L5520.0	505521.4	5408504.7	14939.00000	316.83	59.7	48.829496	-86.924768	55965.11	56244.5	5.47	55970.58	55953.26563	55953.29783	55932.16016	505521.4	5408504.7
L5520.0	505521.4	5408506.1	14939.00000	316.83	59.7	48.829509	-86.924768	55967.03	56244.5	5.47	55972.50	55955.10938	55959.24650	55937.96094	505521.4	5408506.1
L5520.0	505521.5	5408507.9	14939.20020	315.94	56.88	48.829525	-86.924767	55968.78	56244.5	5.48	55974.26	55956.79297	55962.20802	55940.77734	505521.5	5408507.9
L5520.0	505521.5	5408507.9	14939.29981	314.42	56.88	48.829525	-86.924767	55970.78	56244.5	5.48	55976.26	55958.71875	55972.35833	55950.78516	505521.5	5408507.9
L5520.0	505521.5	5408509.4	14939.40039	315.68	65.13	48.829539	-86.924767	55972.39	56244.5	5.49	55977.88	55960.26172	55974.23326	55952.51953	505521.5	5408509.4
L5520.0	505521.5	5408510.6	14939.50000	314.94	66.92	48.829549	-86.924767	55974.16	56244.5	5.49	55979.65	55961.95313	55981.24315	55959.39453	505521.5	5408510.6
L5520.0	505521.5	5408512.3	14939.59961	316.05	66.92	48.829564	-86.924767	55975.66	56244.5	5.49	55981.15	55963.37891	55982.96807	55960.98438	505521.5	5408512.3
L5520.0	505521.5	5408513.7	14939.70020	314.20	57.18	48.829577	-86.924766	55977.22	56244.5	5.50	55982.72	55964.87500	55988.00429	55965.89063	505521.5	5408513.7
L5520.0	505521.5	5408513.7	14939.79981	315.19	57.18	48.829577	-86.924766	55978.67	56244.5	5.50	55984.17	55966.25000	55991.68954	55969.44531	505521.5	5408513.7
L5520.0	505521.5	5408515.5	14939.90039	316.48	62.18	48.829594	-86.924766	55980.08	56244.5	5.51	55985.59	55967.59375	55996.34049	55973.97266	505521.5	5408515.5
L5520.0	505521.5	5408516.9	14940.00000	316.61	62.18	48.829606	-86.924766	55981.18	56244.5	5.51	55986.69	55968.61719	55994.84508	55972.35547	505521.5	5408516.9
L5520.0	505521.5	5408518.3	14940.09961	315.67	67.46	48.829619	-86.924766	55982.48	56244.5	5.51	55987.99	55969.84375	56000.13936	55977.53125	505521.5	5408518.3
L5520.0	505521.5	5408518.3	14940.20020	316.19	67.46	48.829619	-86.924766	55983.50	56244.5	5.51	55989.00	55970.78125	56000.16607	55977.44531	505521.5	5408518.3
L5520.0	505521.5	5408519.6	14940.29981	315.55	64.9	48.829630	-86.924766	55984.71	56244.5	5.50	55990.22	55971.92578	56007.28502	55984.44922	505521.5	5408519.6
L5520.0	505521.5	5408521.2	14940.40039	316.07	70.1	48.829644	-86.924766	55985.65	56244.5	5.50	55991.15	55972.78516	56009.23825	55986.29688	505521.5	5408521.2
L5520.0	505521.5	5408521.2	14940.50000	315.36	70.1	48.829644	-86.924766	55986.36	56244.5	5.50	55991.86	55973.42188	56007.80332	55984.75781	505521.5	5408521.2
L5520.0	505521.5	5408522.8	14940.59961	316.76	58.08	48.829659	-86.924766	55987.09	56244.5	5.50	55992.58	55974.07031	56008.63440	55985.48828	505521.5	5408522.8
L5520.0	505521.6	5408524.2	14940.70020	316.85	64.33	48.829672	-86.924766	55987.57	56244.5	5.50	55993.07	55974.49219	56005.89581	55982.65234	505521.6	5408524.2
L5520.0	505521.6	5408525.9	14940.79981	317.07	64.33	48.829687	-86.924766	55988.03	56244.5	5.49	55993.52	55974.87109	56004.23410	55980.89453	505521.6	5408525.9
L5520.0	505521.6	5408527.4	14940.90039	316.38	68.39	48.829701	-86.924766	55988.54	56244.5	5.49	55994.03	55975.31250	56006.06665	55982.63672	505521.6	5408527.4
L5520.0	505521.6	5408528.8	14941.00000	315.27	68.39	48.829713	-86.924765	55989.04	56244.5	5.49	55994.53	55975.74219	56009.67593	55986.16016	505521.6	5408528.8
L5520.0	505521.6	5408528.8	14941.00000	315.27	68.35	48.829713	-86.924765	55989.39	56244.5	5.49	55994.88	55976.02734	56011.67315	55988.07813	505521.6	5408528.8
L5520.0	505521.6	5408530.4	14941.20020	315.62	68.35	48.829728	-86.924765	55989.57	56244.5	5.50	55995.07	55976.15234	56011.82195	55988.14844	505521.6	5408530.4
L5520.0	505521.6	5408530.4	14941.29981	315.23	70.09	48.829728	-86.924765	55989.67	56244.5	5.50	55995.17	55976.18359	56011.79813	55988.04688	505521.6	5408530.4
L5520.0	505521.6	5408532.3	14941.40039	313.75	70.09	48.829745	-86.924765	55989.72	56244.5	5.50	55995.22	55976.17188	56012.53705	55988.71484	505521.6	5408532.3
L5520.0	505521.6	5408533.4	14941.50000	312.35	68.88	48.829755	-86.924765	55989.62	56244.5	5.50	55995.13	55976.01563	56011.87661	55987.98828	505521.6	5408533.4
L5520.0	505521.6	5408534.9	14941.59961	314.97	68.88	48.829768	-86.924765	55989.52	56244.5	5.51	55995.03	55975.85547	56012.87612	55988.92578	505521.6	5408534.9
L5520.0	505521.6	5408536.5	14941.70020	315.55	72.59	48.829782	-86.924765	55989.27	56244.5	5.51	55994.78	55975.54297	56012.19958	55988.19141	505521.6	5408536.5
L5520.0	505521.6	5408536.5	14941.79981	316.05	72.75	48.829782	-86.924765	55988.76	56244.5	5.51	55994.27	55974.97266	56007.25997	55983.19531	505521.6	5408536.5
L5520.0	505521.6	5408538.1	14941.90039	314.90	72.75	48.829797	-86.924765	55988.23	56244.5	5.52	55993.74	55974.38672	56003.66313	55979.54688	505521.6	5408538.1
L5520.0	505521.6	5408538.1	14942.00000	317.01	72.79	48.829797	-86.924765	55987.63	56244.5	5.52	55993.14	55973.72656	56000.18862	55976.02734	505521.6	5408538.1
L5520.0	505521.6	5408541.0	14942.09961	315.27	72.79	48.829822	-86.924765	55987.06	56244.5	5.52	55992.58	55973.11328	55999.34526	55975.14063	505521.6	5408541.0
L5520.0	505521.6	5408541.0	14942.20020	315.69	73.4	48.829822	-86.924765	55986.41	56244.5	5.52	55991.93	55972.40625	55998.05439	55973.81250	505521.6	5408541.0
L5520.0	505521.6	5408542.4	14942.29981	312.67	72.51	48.829835	-86.924765	55985.65	56244.5	5.52	55991.17	55971.59375	55995.80292	55971.52734	505521.6	5408542.4
L5520.0	505521.6	5408544.1	14942.40039	311.72	72.51	48.829851	-86.924765	55984.84	56244.5	5.52	55990.36	55970.73438	55993.93084	55969.62500	505521.6	5408544.1
L5520.0	505521.5	5408545.9	14942.50000	312.92	66.69	48.829867	-86.924766	55983.90	56244.5	5.52	55989.42	55969.74219	55990.51966	55966.18750	505521.5	5408545.9
L5520.0	505521.5	5408545.9	14942.59961	312.70	65.28	48.829867	-86.924766	55983.02	56244.5	5.52	55988.54	55968.81250	55989.93239	55965.58203	505521.5	5408545.9
L5520.0	505521.5	5408547.3	14942.70020	313.52	65.28	48.829880	-86.924766	55982.08	56244.5	5.52	55987.60	55967.82813	55989.32052	55964.95313	505521.5	5408547.3
L5520.0	505521.5	5408547.3	14942.79981	314.23	67.65	48.829880	-86.924766	55980.96	56244.5	5.52	55986.48	55966.66016	55985.80571	55961.42188	505521.5	5408547.3
L5520.0	505521.5	5408549.2	14942.90039	314.24	67.65	48.829897	-86.924766	55980.06	56244.5	5.52	55985.58	55965.71484	55988.71075	55964.32031	505521.5	5408549.2
L5520.0	505521.5	5408550.9	14943.00000	314.58	58.45	48.829912	-86.924766	55978.77	56244.5	5.52	55984.29	55964.38281	55983.61892	55959.22266	505521.5	5408550.9
L5520.0	505521.5	5408552.1	14943.00000	314.58	58.45	48.829922	-86.924766	55977.56	56244.5	5.52	55983.07	55963.12500	55981.28184	55956.88672	505521.5	5408552.1
L5520.0	505521.5	5408553.5	14943.20020	315.22	57.76	48.829935	-86.924766	55976.14	56244.5	5.52	55981.67	55961.68359	55975.70020	55951.30859	505521.5	5408553.5
L5520.0	505521.5	5408553.5	14943.29981	316.17	60.96	48.829935	-86.924766	55974.88	56244.5	5.53	55980.40	55960.37891	55974.17393	55949.78906	505521.5	5408553.5
L5520.0	505521.5	5408555.2	14943.40039	316.25	60.96	48.829950	-86.924766	55973.36	56244.5	5.53	55978.88	55958.82031	55967.54619	55943.17188	505521.5	5408555.2
L5520.0	505521.5	5408556.8	14943.50000	316.59	68.56	48.829965	-86.924766	55972.02	56244.5	5.53	55977.55	55957.45703	55966.28254	55941.92578	505521.5	5408556.8
L5520.0	505521.5	5408558.2	14943.59961	315.96	68.56	48.829978	-86.924766	55970.68	56244.5	5.53	55976.21	55956.08594	55965.51910	55941.18359	505521.5	5408558.2
L5520.0	505521.5	5408558.2	14943.70020	317.42	70.03	48.829978	-86.924766	55969.38	56244.5	5.53	55974.92	55954.76563	55966.62501	55942.31250	505521.5	5408558.2
L5520.0	505521.5	5408560.1	14943.79981	317.08	72.65	48.829995	-86.924767	55967.69	56244.5	5.54	55973.22	55953.03906	55958.34867	55934.06641	505521.5	5408560.1
L5520.0	505521.4	5408561.5	14943.90039	316.25	72.65	48.830008	-86.924767	55966.17	56244.5	5.54	55971.71	55951.50000	55955.14315	55930.89063	505521.4	5408561.5
L5520.0	505521.4	5408563.1	14944.00000	316.62	71.53	48.830021	-86.924767	55964.32	56244.5	5.54	55969.86	55949.62891	55944.03313	55919.82031	505521.4	5408563.1
L5520.0	505521.4	5408563.1	14944.09961	317.90	71.53	48.830021	-86.924767	55962.78	56244.5	5.54	55968.32	55948.06641	55940.74877	55916.57422	505521.4	5408563.1
L5520.0	505521.4	5408564.7	14944.20020	316.37	70.96	48.830036	-86.924767	55961.06	56244.5	5.54	55966.60	55946.32422	55933.26847	55909.14063	505521.4	5408564.7
L5520.0	505521.4	5408566.2	14944.29981	315.86	70.96	48.830050	-86.924767	55959.67	56244.5	5.55	55965.22	55944.92578	55934.16299	55910.08203	505521.4	5408566.2
L5520.0	505521.4	5408566.2	14944.40039	315.41	66.67	48.830050	-86.924767	55957.88	56244.5	5.55	55963.42	55943.10938	55924.83045	55900.80078	505521.4	5408566.2
L5520.0	505521.4	5408569.7	14944.50000	313.52	66.67	48.830081	-86.924768	55956.38	56244.4	5.55	55961.93	55941.60547	55922.93467	55898.96094	505521.4	5408569.7
L5520.0	505521.4	5408569.7	14944.59961	313.16	65.87	48.830081	-86.924768	55954.69	56244.4	5.55	55960.24	55939.90234	55915.97484	55892.06250	505521.4	5408569.7
L5520.0	505521.4	5408571.1	14944.70020	314.79	65.87	48.830094	-86.924768	55953.35	56244.4	5.55	55958.90	55938.55078	55917.16803	55893.32031	505521.4	5408571.1
L5520.0	505521.4	5408572.6	14944.79981	315.14	65.15	48.830107	-86.924768	55951.81	56244.4	5.56	55957.36	55937.00391	55913.08635	55889.30859	505521.4	5408572.6
L5520.0	505521.4	5408572.6	14944.90039	315.35	67.51	48.830107	-86.924768	55950.34	56244.4	5.56	55955.90	55935.53516	55910.39359	55886.68359	505521.4	5408572.6
L5520.0	505521.4	5408574.6	14945.00000	314.46	67.51	48.830125	-86.924768	55948.82	56244.4	5.56	55954.38	55934.01172	55905.60814	55881.97266	505521.4	5408574.6
L5520.0	505521.4	5408576.0	14945.00000	314.46	65.31	48.830138	-86.924768	55947.53	56244.4	5.56	55953.09	55932.71875	55905.60373	55882.04688	505521.4	5408576.0
L5520.0	505521.4	5408576.0	14945.20020	312.91	65.31	48.830138	-86.924768	55945.98	56244.4	5.56	55951.54	55931.16797	55898.48947	55875.01563	505521.4	5408576.0
L5520.0	505521.4	5408577.7	14945.29981	314.25	63.82	48.830153	-86.924768	55944.75	56244.4	5.56	55950.31	55929.94141	55898.11317	55874.72656	505521.4	5408577.7
L5520.0	505521.4	5408579.4	14945.40039	314.60	63.82	48.830168	-86.924768	55943.28	56244.4	5.56	55948.84	55928.47266	55890.89472	55867.59766	505521.4	5408579.4
L5520.0	505521.4	5408580.8	14945.50000	313.72	68.64	48.830181	-86.924768	55942.27	56244.4	5.56	55947.83	55927.46875	55893.62033	55870.41406	505521.4	5408580.8
L5520.0	505521.4	5408580.8	14945.59961	315.24	68.28	48.830181	-86.924768	55941.06	56244.4	5.56	55946.61	55926.25781	55890.04516	55866.93359	505521.4	5408580.8
L5520.0	505521.4	5408582.5	14945.70020	315.89	68.28	48.830196	-86.924768	55939.89	56244.4	5.56	55945.45	55925.10547	55886.59800	55863.58594	505521.4	5408582.5
L5520.0	505521.4	5408583.9	14945.79981	318.20	69.71	48.830208	-86.924768	55938.50	56244.4	5.56	55944.06	55923.72656	55876.11045	55853.19922	505521.4	5408583.9
L5520.0	505521.4	5408585.5	14945.90039	317.76	69.71	48.830223	-86.924768	55937.54	56244.4	5.56	55943.10	55922.78125	55874.62123	55851.81250	505521.4	5408585.5
L5520.0	505521.4	5408585.5	14946.00000	317.28	69.71	48.830223	-86.924768	55936.50	56244.4	5.56	55942.06	55921.75391	55869.60770	55846.90625	505521.4	5408585.5
L5520.0	505521.4	5408586.9	14946.09961	316.87	66.69	48.830236	-86.924767	55935.59	56244.4	5.56	55941.15	55920.86328	55866.16982	55843.58203	505521.4	5408586.9
L5520.0	505521.4	5408588.9	14946.20020	315.47	66.57	48.830253	-86.924767	55934.70	56244.4	5.56	55940.26	55919.99219	55861.53580	55839.05859	505521.4	5408588.9
L5520.0	505521.4	5408588.9	14946.29981	315.36	66.57	48.830253	-86.924767	55934.10	56244.4	5.56	55939.66	55919.41406	55862.41108	55840.05078	505521.4	5408588.9
L5520.0	505521.4	5408590.6	14946.40039	314.12	71.06	48.830269	-86.924767	55933.46	56244.4	5.56	55939.02	55918.79688	55860.52082	55838.27734	505521.4	5408590.6
L5520.0	505521.4	5408592.2	14946.50000	314.17	71.06	48.830283	-86.924767	55933.06	56244.4	5.56	55938.62	55918.42188	55862.87423	55840.75391	505521.4	5408592.2
L5520.0	505521.4	5408593.6	14946.59961	315.65	70.3	48.830296	-86.924767	55932.31	56244.4	5.56	55937.86	55917.68750	55854.24701	55832.25000	505521.4	5408593.6
L5520.0	505521.4	5408593.6	14946.70020	316.97	68.94	48.830296	-86.924767	55931.95	56244.4	5.56	55937.50	55917.35547	55853.86033	55831.98828	505521.4	5408593.6
L5520.0	505521.4	5408595.0	14946.79981	318.21	68.94	48.830309	-86.924767	55931.64	56244.4	5.56	55937.20	55917.08594	55853.07843	55831.33594	505521.4	5408595.0
L5520.0	505521.4	5408596.6	14946.90039	319.73	68.56	48.830323	-86.924767	55931.49	56244.4	5.56	55937.05	55916.96875	55854.18206	55832.57031	505521.4	5408596.6
L5520.0	505521.4	5408598.0	14947.00000	319.94	68.56	48.830336	-86.924767	55931.37	56244.4	5.56	55936.93	55916.88281	55854.08348	55832.60156	505521.4	5408598.0
L5520.0	505521.4	5408598.0	14947.00000	319.94	68.85	48.830336	-86.924767	55931.44	56244.4	5.56	55937.00	55916.98828	55856.87864	55835.53125	505521.4	5408598.0
L5520.0	505521.4	5408599.5	14947.20020	317.25	68.85	48.830349	-86.924767	55931.39	56244.4	5.56	55936.95	55916.97656	55854.59169	55833.37891	505521.4	5408599.5
L5520.0	505521.4	5408600.9	14947.29981	318.05	70.11	48.830361	-86.924767	55931.54	56244.4	5.56	55937.10	55917.16406	55855.45319	55834.37891	505521.4	5408600.9
L5520.0	505521.4	5408600.9	14947.40039	317.31	70.03	48.830361	-86.924767	55931.72	56244.4	5.56	55937.28	55917.38281	55855.09829	55834.16406	505521.4	5408600.9
L5520.0	505521.4	5408602.5	14947.50000	317.98	70.03	48.830377	-86.924766	55932.15	56244.4	5.56	55937.71	55917.85547	55859.20922	55838.41406	505521.4	5408602.5
L5520.0	505521.4	5408604.0	14947.59961	316.78	67.12	48.830390	-86.924766	55932.36	56244.4	5.56	55937.92	55918.10938	55855.69265	55835.04297	505521.4	5408604.0
L5520.0	505521.4	5408605.1	14947.70020	315.93	69.81	48.830400	-86.924766	55932.81	56244.4	5.56	55938.37	55918.60547	55856.42442	55835.91797	505521.4	5408605.1
L5520.0	505521.4	5408606.5	14947.79981	313.66	69.81	48.830412	-86.924766	55933.29	56244.4	5.56	55938.85	55919.12891	55856.02472	55835.66406	505521.4	5408606.5
L5520.0	505521.4	5408606.5	14947.90039	313.81	67.85	48.830412	-86.924766	55934.02	56244.4	5.56	55939.58	55919.90625	55860.18568	55839.97266	505521.4	5408606.5
L5520.0	505521.4	5408607.9	14948.00000	313.28	71.25	48.830425	-86.924766	55934.68	56244.4	5.56	55940.24	55920.61719	55860.72035	55840.65234	505521.4	5408607.9

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5520.0	505521.5	5408610.3	14948.09961	314.89	71.25	48.830446	-86.924766	55935.56	56244.4	5.56	55941.12	55921.54688	55865.12525	55845.20703	505521.5	5408610.3
L5520.0	505521.5	5408610.3	14948.20020	315.84	69.11	48.830446	-86.924766	55936.50	56244.4	5.56	55942.06	55922.53906	55869.33896	55849.57031	505521.5	5408610.3
L5520.0	505521.4	5408612.9	14948.29981	317.04	69.11	48.830470	-86.924766	55937.56	56244.4	5.56	55943.12	55923.65234	55874.95247	55855.33203	505521.4	5408612.9
L5520.0	505521.4	5408612.9	14948.40039	317.21	72.45	48.830470	-86.924766	55938.63	56244.4	5.56	55944.18	55924.76563	55878.94962	55859.48047	505521.4	5408612.9
L5520.0	505521.4	5408612.9	14948.50000	317.45	72.45	48.830470	-86.924766	55939.71	56244.4	5.56	55945.27	55925.91016	55882.16537	55862.84766	505521.4	5408612.9
L5520.0	505521.4	5408614.8	14948.59961	317.60	70.98	48.830487	-86.924766	55940.65	56244.4	5.56	55946.21	55926.90625	55880.06668	55860.89844	505521.4	5408614.8
L5520.0	505521.4	5408616.5	14948.70020	317.61	70.98	48.830502	-86.924766	55941.76	56244.4	5.56	55947.32	55928.07422	55880.91558	55861.90234	505521.4	5408616.5
L5520.0	505521.4	5408617.4	14948.79981	316.45	69.54	48.830510	-86.924766	55942.92	56244.4	5.56	55948.48	55929.29297	55881.71598	55862.85547	505521.4	5408617.4
L5520.0	505521.5	5408619.2	14948.90039	315.19	70.33	48.830527	-86.924766	55944.19	56244.4	5.56	55949.75	55930.62109	55884.08278	55865.37500	505521.5	5408619.2
L5520.0	505521.4	5408620.6	14949.00000	312.73	70.33	48.830539	-86.924766	55945.68	56244.4	5.56	55951.24	55932.16797	55890.92419	55872.36719	505521.4	5408620.6
L5520.0	505521.4	5408620.6	14949.00000	312.73	70.94	48.830539	-86.924766	55947.22	56244.4	5.56	55952.78	55933.76953	55897.97419	55879.57031	505521.4	5408620.6
L5520.0	505521.5	5408622.3	14949.20020	312.94	70.94	48.830554	-86.924766	55948.67	56244.4	5.56	55954.23	55935.28125	55901.72226	55883.46875	505521.5	5408622.3
L5520.0	505521.5	5408624.0	14949.29981	316.81	72.64	48.830569	-86.924766	55950.01	56244.4	5.57	55955.57	55936.68359	55901.72899	55883.62891	505521.5	5408624.0
L5520.0	505521.5	5408624.0	14949.40039	317.05	72.64	48.830569	-86.924766	55951.53	56244.4	5.57	55957.10	55938.27734	55905.79581	55887.84766	505521.5	5408624.0
L5520.0	505521.5	5408625.3	14949.50000	317.88	68.71	48.830581	-86.924766	55953.02	56244.4	5.57	55958.59	55939.83203	55908.09277	55890.29297	505521.5	5408625.3
L5520.0	505521.5	5408626.7	14949.59961	318.24	72.54	48.830594	-86.924766	55954.79	56244.4	5.57	55960.36	55941.66406	55916.95457	55899.30469	505521.5	5408626.7
L5520.0	505521.5	5408628.4	14949.70020	318.56	72.54	48.830609	-86.924765	55956.33	56244.4	5.57	55961.91	55943.28125	55919.57337	55902.07422	505521.5	5408628.4
L5520.0	505521.5	5408629.8	14949.79981	316.99	60.18	48.830621	-86.924765	55957.92	56244.4	5.58	55963.50	55944.93359	55922.73021	55905.38281	505521.5	5408629.8
L5520.0	505521.5	5408629.8	14949.90039	315.38	63.83	48.830621	-86.924765	55959.42	56244.4	5.58	55965.00	55946.50000	55923.15231	55905.95313	505521.5	5408629.8
L5520.0	505521.5	5408631.2	14950.00000	314.74	63.83	48.830634	-86.924765	55961.19	56244.4	5.58	55966.77	55948.33594	55930.18422	55913.13281	505521.5	5408631.2
L5520.0	505521.5	5408632.3	14950.09961	317.00	65.66	48.830644	-86.924765	55962.71	56244.4	5.58	55968.29	55949.92188	55930.51477	55913.60938	505521.5	5408632.3
L5520.0	505521.5	5408633.7	14950.20020	316.86	65.66	48.830657	-86.924765	55964.38	56244.4	5.58	55969.96	55951.66016	55934.49785	55917.73828	505521.5	5408633.7
L5520.0	505521.5	5408635.2	14950.29981	317.05	64.51	48.830670	-86.924765	55965.99	56244.4	5.58	55971.57	55953.33594	55936.80795	55920.19141	505521.5	5408635.2
L5520.0	505521.5	5408635.2	14950.40039	317.70	64.51	48.830670	-86.924765	55967.64	56244.4	5.58	55973.23	55955.06250	55940.32112	55923.84766	505521.5	5408635.2
L5520.0	505521.5	5408637.1	14950.50000	317.26	70.93	48.830687	-86.924765	55969.38	56244.4	5.58	55974.97	55956.87109	55945.84194	55929.51172	505521.5	5408637.1
L5520.0	505521.5	5408638.5	14950.59961	317.32	70.93	48.830700	-86.924765	55971.13	56244.4	5.59	55976.71	55958.67578	55951.37892	55935.18750	505521.5	5408638.5
L5520.0	505521.5	5408639.6	14950.70020	317.99	73.25	48.830710	-86.924765	55972.65	56244.4	5.59	55978.24	55960.27344	55951.70964	55935.65625	505521.5	5408639.6
L5520.0	505521.5	5408639.6	14950.79981	316.30	67.72	48.830710	-86.924765	55974.21	56244.4	5.59	55979.80	55961.89844	55952.95064	55937.03516	505521.5	5408639.6
L5520.0	505521.5	5408641.5	14950.90039	311.25	67.72	48.830727	-86.924765	55975.76	56244.4	5.59	55981.35	55963.51563	55954.13988	55938.35938	505521.5	5408641.5
L5520.0	505521.5	5408642.7	14951.00000	310.69	73.87	48.830738	-86.924765	55977.56	56244.4	5.59	55983.14	55965.37500	55961.49002	55945.84375	505521.5	5408642.7
L5520.0	505521.5	5408644.2	14951.00000	310.69	73.87	48.830751	-86.924765	55979.18	56244.4	5.59	55984.77	55967.07031	55965.11690	55949.60156	505521.5	5408644.2
L5520.0	505521.5	5408645.5	14951.20020	318.62	70.68	48.830763	-86.924765	55980.94	56244.4	5.59	55986.53	55968.89844	55972.19317	55956.80859	505521.5	5408645.5
L5520.0	505521.5	5408645.5	14951.29981	318.95	74.49	48.830763	-86.924765	55982.41	56244.4	5.59	55988.00	55970.43359	55972.50455	55957.25000	505521.5	5408645.5
L5520.0	505521.5	5408647.4	14951.40039	317.55	74.49	48.830780	-86.924765	55984.13	56244.4	5.59	55989.72	55972.21875	55979.22033	55964.09375	505521.5	5408647.4
L5520.0	505521.5	5408648.8	14951.50000	316.95	68.52	48.830793	-86.924764	55985.55	56244.4	5.58	55991.13	55973.69531	55978.82686	55963.82422	505521.5	5408648.8
L5520.0	505521.5	5408650.5	14951.59961	314.91	71.11	48.830808	-86.924764	55987.06	56244.4	5.58	55992.65	55975.27734	55981.48735	55966.60547	505521.5	5408650.5
L5520.0	505521.5	5408651.5	14951.70020	315.15	71.11	48.830817	-86.924764	55988.40	56244.4	5.58	55993.99	55976.68359	55980.28277	55965.51953	505521.5	5408651.5
L5520.0	505521.5	5408652.4	14951.79981	314.08	71.11	48.830825	-86.924764	55989.92	56244.4	5.58	55995.50	55978.25781	55983.57498	55968.92969	505521.5	5408652.4
L5520.0	505521.5	5408653.6	14951.90039	314.57	75.28	48.830836	-86.924764	55991.41	56244.4	5.58	55996.99	55979.80859	55986.84613	55972.31641	505521.5	5408653.6
L5520.0	505521.5	5408654.8	14952.00000	313.94	76.57	48.830846	-86.924764	55992.88	56244.4	5.58	55998.46	55981.34375	55990.11653	55975.70313	505521.5	5408654.8
L5520.0	505521.5	5408654.8	14952.09961	314.58	77.63	48.830846	-86.924764	55994.10	56244.4	5.58	55999.68	55982.62500	55987.98214	55973.67969	505521.5	5408654.8
L5520.0	505521.5	5408656.2	14952.20020	314.55	77.63	48.830859	-86.924764	55995.54	56244.4	5.59	56001.13	55984.13672	55991.78182	55977.58594	505521.5	5408656.2
L5520.0	505521.5	5408657.6	14952.29981	315.14	77.25	48.830871	-86.924765	55996.88	56244.4	5.59	56002.47	55985.53906	55993.50921	55979.42188	505521.5	5408657.6
L5520.0	505521.5	5408658.8	14952.40039	315.18	77.25	48.830882	-86.924765	55998.07	56244.4	5.59	56003.66	55986.78906	55992.23021	55978.24609	505521.5	5408658.8
L5520.0	505521.5	5408660.2	14952.50000	316.97	67.95	48.830895	-86.924765	55999.23	56244.4	5.60	56004.83	55988.01563	55991.01525	55977.13281	505521.5	5408660.2
L5520.0	505521.5	5408661.4	14952.59961	316.31	77.96	48.830906	-86.924765	56000.65	56244.4	5.60	56006.25	55989.49609	55996.26896	55982.48438	505521.5	5408661.4
L5520.0	505521.5	5408661.4	14952.70020	317.72	77.96	48.830906	-86.924765	56001.89	56244.4	5.60	56007.49	55990.79297	55997.83131	55984.14453	505521.5	5408661.4
L5520.0	505521.5	5408662.8	14952.79981	316.61	70.24	48.830918	-86.924765	56003.23	56244.4	5.60	56008.83	55992.19141	56002.35386	55988.76172	505521.5	5408662.8
L5520.0	505521.4	5408664.5	14952.90039	317.89	80.5	48.830934	-86.924765	56004.27	56244.4	5.61	56009.87	55993.28516	56000.31090	55986.80859	505521.4	5408664.5
L5520.0	505521.4	5408665.9	14953.00000	315.20	80.5	48.830946	-86.924766	56005.50	56244.4	5.61	56011.11	55994.58203	56003.63491	55990.22266	505521.4	5408665.9
L5520.0	505521.4	5408667.3	14953.00000	315.20	79.53	48.830959	-86.924766	56006.62	56244.4	5.61	56012.23	55995.75391	56004.68494	55991.35938	505521.4	5408667.3
L5520.0	505521.4	5408668.7	14953.20020	314.66	79.53	48.830972	-86.924766	56007.84	56244.4	5.61	56013.45	55997.02734	56008.75260	55995.50781	505521.4	5408668.7
L5520.0	505521.4	5408668.7	14953.29981	316.35	80.75	48.830972	-86.924766	56008.92	56244.4	5.61	56014.53	55998.16016	56010.05807	55996.89453	505521.4	5408668.7
L5520.0	505521.4	5408670.2	14953.40039	316.09	80.75	48.830985	-86.924766	56009.83	56244.4	5.61	56015.45	55999.13281	56008.08897	55995.00391	505521.4	5408670.2
L5520.0	505521.4	5408671.4	14953.50000	316.87	77.67	48.830996	-86.924766	56010.71	56244.4	5.61	56016.33	56000.06250	56005.73914	55992.73047	505521.4	5408671.4
L5520.0	505521.4	5408673.1	14953.59961	316.55	78.26	48.831011	-86.924767	56011.98	56244.4	5.62	56017.59	56001.37109	56013.28020	56000.34375	505521.4	5408673.1
L5520.0	505521.3	5408674.5	14953.70020	316.05	78.26	48.831024	-86.924767	56013.02	56244.4	5.62	56018.64	56002.46875	56016.32743	56003.46094	505521.3	5408674.5
L5520.0	505521.3	5408674.5	14953.79981	316.56	77.34	48.831024	-86.924767	56014.16	56244.4	5.62	56019.77	56003.64844	56021.97306	56009.17578	505521.3	5408674.5
L5520.0	505521.3	5408677.1	14953.90039	316.10	77.34	48.831047	-86.924767	56014.86	56244.4	5.62	56020.48	56004.40234	56017.89295	56005.16016	505521.3	5408677.1
L5520.0	505521.3	5408677.1	14954.00000	314.71	81.38	48.831047	-86.924767	56015.75	56244.4	5.62	56021.37	56005.33594	56018.85197	56006.18359	505521.3	5408677.1
L5520.0	505521.3	5408678.8	14954.09961	315.98	81.38	48.831062	-86.924767	56016.48	56244.4	5.62	56022.10	56006.11328	56016.44831	56003.83594	505521.3	5408678.8
L5520.0	505521.3	5408678.8	14954.20020	315.43	79.36	48.831062	-86.924767	56017.46	56244.4	5.61	56023.08	56007.13281	56020.85040	56008.29688	505521.3	5408678.8
L5520.0	505521.3	5408680.4	14954.29981	315.99	76	48.831077	-86.924767	56018.11	56244.4	5.61	56023.72	56007.81641	56017.38647	56004.88672	505521.3	5408680.4
L5520.0	505521.3	5408682.0	14954.40039	314.82	76	48.831091	-86.924767	56018.88	56244.4	5.61	56024.49	56008.62500	56017.74066	56005.29297	505521.3	5408682.0
L5520.0	505521.3	5408683.2	14954.50000	315.50	72.81	48.831102	-86.924767	56019.59	56244.4	5.61	56025.20	56009.37500	56017.16970	56004.76953	505521.3	5408683.2
L5520.0	505521.3	5408684.6	14954.59961	315.80	72.81	48.831115	-86.924767	56020.76	56244.4	5.60	56026.36	56010.57422	56028.46056	56016.10938	505521.3	5408684.6
L5520.0	505521.3	5408686.0	14954.70020	317.30	79.5	48.831128	-86.924767	56021.48	56244.4	5.60	56027.08	56011.33203	56029.28461	56016.97656	505521.3	5408686.0
L5520.0	505521.3	5408687.2	14954.79981	316.84	82.81	48.831138	-86.924767	56022.18	56244.4	5.60	56027.78	56012.06641	56030.15138	56017.88281	505521.3	5408687.2
L5520.0	505521.3	5408687.2	14954.90039	318.88	82.81	48.831138	-86.924767	56022.76	56244.4	5.59	56028.35	56012.67188	56028.27020	56016.04297	505521.3	5408687.2
L5520.0	505521.3	5408688.8	14955.00000	320.07	84.41	48.831153	-86.924767	56023.48	56244.4	5.59	56029.07	56013.42188	56030.69414	56018.50000	505521.3	5408688.8
L5520.0	505521.3	5408690.3	14955.00000	320.07	81.33	48.831166	-86.924767	56024.05	56244.4	5.59	56029.64	56014.02734	56029.83013	56017.66797	505521.3	5408690.3
L5520.0	505521.3	5408690.3	14955.20020	319.04	81.33	48.831166	-86.924767	56024.81	56244.4	5.60	56030.40	56014.81641	56034.27317	56022.14453	505521.3	5408690.3
L5520.0	505521.3	5408693.3	14955.29981	318.16	84.89	48.831193	-86.924767	56025.21	56244.4	5.60	56030.81	56015.25781	56030.31163	56018.21094	505521.3	5408693.3
L5520.0	505521.3	5408693.3	14955.40039	315.98	84.89	48.831193	-86.924767	56025.86	56244.4	5.60	56031.46	56015.93750	56032.90312	56020.82813	505521.3	5408693.3
L5520.0	505521.3	5408695.0	14955.50000	316.69	84.71	48.831208	-86.924768	56026.30	56244.4	5.60	56031.90	56016.40234	56030.59903	56018.54688	505521.3	5408695.0
L5520.0	505521.2	5408696.7	14955.59961	314.59	84.71	48.831223	-86.924768	56026.98	56244.4	5.61	56032.59	56017.12109	56035.08572	56023.05469	505521.2	5408696.7
L5520.0	505521.2	5408696.7	14955.70020	314.80	80.19	48.831223	-86.924768	56027.26	56244.4	5.61	56032.87	56017.42578	56029.54760	56017.53516	505521.2	5408696.7
L5520.0	505521.2	5408698.1	14955.79981	314.52	80.19	48.831236	-86.924768	56027.62	56244.4	5.61	56033.23	56017.80859	56026.44503	56014.45313	505521.2	5408698.1
L5520.0	505521.2	5408699.7	14955.90039	315.48	82.59	48.831250	-86.924768	56027.99	56244.4	5.62	56033.60	56018.20313	56023.98367	56012.00391	505521.2	5408699.7
L5520.0	505521.2	5408699.7	14956.00000	316.81	80.98	48.831250	-86.924768	56028.45	56244.4	5.62	56034.07	56018.69531	56024.43931	56012.47266	505521.2	5408699.7
L5520.0	505521.2	5408701.4	14956.09961	318.66	80.98	48.831265	-86.924768	56028.70	56244.4	5.62	56034.32	56018.96484	56019.66058	56007.70313	505521.2	5408701.4
L5520.0	505521.2	5408703.1	14956.20020	318.11	84.02	48.831281	-86.924768	56029.21	56244.4	5.62	56034.83	56019.49609	56021.83572	56009.88672	505521.2	5408703.1
L5520.0	505521.2	5408704.9	14956.29981	318.58	84.02	48.831297	-86.924768	56029.46	56244.4	5.62	56035.07	56019.75391	56017.49039	56005.54688	505521.2	5408704.9
L5520.0	505521.2	5408704.9	14956.40039	316.70	82.46	48.831297	-86.924768	56030.07	56244.4	5.62	56035.68	56020.38281	56022.84425	56010.90234	505521.2	5408704.9
L5520.0	505521.2	5408706.3	14956.50000	316.08	82.46	48.831310	-86.924768	56030.46	56244.4	5.62	56036.08	56020.80078	56023.18074	56011.24219	505521.2	5408706.3
L5520.0	505521.3	5408707.7	14956.59961	316.10	84.33	48.831323	-86.924767	56030.90	56244.4	5.61	56036.51	56021.24609	56024.57224	56012.63281	505521.3	5408707.7
L5520.0	505521.3	5408709.1	14956.70020	316.88	84.33	48.831335	-86.924767	56031.25	56244.4	5.61	56036.87	56021.62109	56024.48321	56012.53906	505521.3	5408709.1
L5520.0	505521.3	5408709.1	14956.79981	316.27	84.82	48.831335	-86.924767	56031.89	56244.4	5.61	56037.50	56022.26563	56031.47916	56019.53125	505521.3	5408709.1
L5520.0	505521.3	5408710.6	14956.90039	316.21	82.6	48.831348	-86.924767	56032.27	56244.4	5.61	56037.88	56022.65625	56032.43980	56020.48828	505521.3	5408710.6
L5520.0	505521.3	5408712.0	14957.00000	315.04	82.6	48.831361	-86.924767	56032.85	56244.4	5.61	56038.46	56023.25000	56038.68881	56026.72656	505521.3	5408712.0
L5520.0	505521.3	5408713.4	14957.00000	315.04	87.55	48.831374	-86.924766	56033.16	56244.4	5.61	56038.77	56023.57031	56038.40964	56026.43750	505521.3	5408713.4
L5520.0	505521.3	5408714.9	14957.20020	313.45	87.39	48.831387	-86.924766	56033.63	56244.4	5.62	56039.25	56024.06250	56042.64208	56030.66016	505521.3	5408714.9
L5520.0	505521.4	5408716.2	14957.29981	313.98	87.39	48.831399	-86.924766	56033.76	56244.4	5.62	56039.38	56024.19922	56038.37336	56026.37891	505521.4	5408716.2

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5520.0	505521.4	5408716.2	14957.40039	314.23	87.39	48.831399	-86.924766	56034.01	56244.4	5.62	56039.63	56024.45703	56037.36286	56025.35547	505521.4	5408716.2
L5520.0	505521.4	5408717.6	14957.50000	317.22	88.65	48.831412	-86.924766	56034.32	56244.4	5.63	56039.94	56024.77734	56038.09535	56026.07031	505521.4	5408717.6
L5520.0	505521.4	5408718.8	14957.59961	317.86	88.76	48.831422	-86.924765	56034.49	56244.4	5.63	56040.12	56024.96484	56035.84926	56023.80469	505521.4	5408718.8
L5520.0	505521.4	5408718.8	14957.70020	317.69	88.76	48.831422	-86.924765	56034.80	56244.4	5.63	56040.43	56025.28125	56037.06885	56025.00781	505521.4	5408718.8
L5520.0	505521.4	5408722.3	14957.79981	317.04	81.06	48.831454	-86.924765	56035.18	56244.4	5.63	56040.81	56025.66406	56040.24500	56028.16406	505521.4	5408722.3
L5520.0	505521.4	5408722.3	14957.90039	317.11	81.06	48.831454	-86.924765	56035.40	56244.4	5.64	56041.04	56025.89844	56039.95759	56027.85547	505521.4	5408722.3
L5520.0	505521.4	5408723.5	14958.00000	316.02	84.58	48.831465	-86.924765	56035.71	56244.4	5.64	56041.35	56026.21484	56041.86691	56029.73828	505521.4	5408723.5
L5520.0	505521.4	5408724.9	14958.09961	317.01	84.58	48.831477	-86.924765	56035.83	56244.4	5.64	56041.47	56026.33594	56039.35702	56027.20313	505521.4	5408724.9
L5520.0	505521.4	5408726.4	14958.20020	315.35	82.95	48.831490	-86.924765	56035.76	56244.4	5.64	56041.39	56026.26172	56032.20940	56020.03125	505521.4	5408726.4
L5520.0	505521.4	5408726.4	14958.29981	316.51	83.52	48.831490	-86.924765	56036.11	56244.4	5.63	56041.75	56026.62109	56036.03063	56023.82813	505521.4	5408726.4
L5520.0	505521.4	5408727.8	14958.40039	314.35	83.52	48.831503	-86.924765	56036.36	56244.4	5.63	56041.99	56026.86328	56037.14743	56024.91797	505521.4	5408727.8
L5520.0	505521.4	5408729.3	14958.50000	314.32	90.59	48.831516	-86.924765	56036.57	56244.4	5.63	56042.20	56027.07422	56037.75640	56025.49609	505521.4	5408729.3
L5520.0	505521.4	5408730.6	14958.59961	314.05	91.55	48.831529	-86.924765	56036.67	56244.4	5.63	56042.30	56027.17578	56035.91515	56023.62500	505521.4	5408730.6
L5520.0	505521.4	5408732.1	14958.70020	315.04	91.55	48.831542	-86.924765	56036.77	56244.4	5.63	56042.39	56027.26563	56034.05234	56021.73047	505521.4	5408732.1
L5520.0	505521.4	5408732.1	14958.79981	313.96	90.42	48.831542	-86.924765	56036.87	56244.4	5.62	56042.50	56027.37500	56032.89178	56020.54297	505521.4	5408732.1
L5520.0	505521.4	5408733.7	14958.90039	316.47	90.96	48.831557	-86.924766	56036.92	56244.4	5.62	56042.54	56027.41406	56030.24602	56017.86328	505521.4	5408733.7
L5520.0	505521.3	5408734.9	14959.00000	313.59	90.96	48.831567	-86.924766	56037.30	56244.4	5.62	56042.92	56027.79297	56036.05316	56023.63672	505521.3	5408734.9
L5520.0	505521.3	5408736.6	14959.00000	313.59	92.5	48.831582	-86.924766	56037.56	56244.4	5.62	56043.18	56028.05078	56039.15689	56026.70703	505521.3	5408736.6
L5520.0	505521.3	5408738.0	14959.20020	313.84	92.5	48.831595	-86.924767	56037.58	56244.4	5.62	56043.20	56028.06641	56036.63966	56024.15625	505521.3	5408738.0
L5520.0	505521.3	5408738.0	14959.29981	315.78	79.07	48.831595	-86.924767	56037.61	56244.4	5.62	56043.23	56028.09375	56034.55925	56022.04297	505521.3	5408738.0
L5520.0	505521.2	5408739.6	14959.40039	316.08	79.07	48.831609	-86.924767	56037.63	56244.4	5.62	56043.25	56028.11328	56032.42446	56019.87109	505521.2	5408739.6
L5520.0	505521.2	5408741.0	14959.50000	316.75	89.95	48.831622	-86.924768	56038.01	56244.4	5.63	56043.64	56028.50000	56039.48823	56026.89844	505521.2	5408741.0
L5520.0	505521.2	5408742.4	14959.59961	315.99	93.94	48.831634	-86.924768	56038.19	56244.4	5.63	56043.81	56028.66406	56041.39165	56028.76563	505521.2	5408742.4
L5520.0	505521.2	5408742.4	14959.70020	316.71	93.94	48.831634	-86.924768	56038.26	56244.4	5.63	56043.89	56028.74219	56041.28419	56028.62109	505521.2	5408742.4
L5520.0	505521.1	5408744.2	14959.79981	316.27	92.04	48.831651	-86.924769	56038.32	56244.4	5.63	56043.94	56028.78906	56040.62010	56027.92188	505521.1	5408744.2
L5520.0	505521.1	5408745.4	14959.90039	317.11	92.55	48.831662	-86.924769	56038.39	56244.4	5.63	56044.02	56028.86328	56040.86534	56028.12891	505521.1	5408745.4
L5520.0	505521.1	5408745.4	14960.00000	314.96	92.55	48.831662	-86.924769	56038.34	56244.4	5.63	56043.97	56028.80859	56038.08111	56025.30859	505521.1	5408745.4
L5520.0	505521.1	5408747.0	14960.09961	315.73	92.55	48.831676	-86.924769	56038.32	56244.4	5.63	56043.94	56028.77344	56035.94498	56023.13281	505521.1	5408747.0
L5520.0	505521.1	5408748.4	14960.20020	314.02	89.78	48.831689	-86.924769	56038.36	56244.4	5.63	56043.98	56028.80859	56035.69577	56022.84766	505521.1	5408748.4
L5520.0	505521.1	5408749.8	14960.29981	314.65	89.78	48.831701	-86.924769	56038.34	56244.4	5.62	56043.96	56028.78516	56034.11880	56021.23438	505521.1	5408749.8
L5520.0	505521.1	5408751.6	14960.40039	313.35	85.28	48.831717	-86.924769	56038.36	56244.4	5.62	56043.98	56028.80078	56033.68807	56020.76563	505521.1	5408751.6
L5520.0	505521.1	5408751.6	14960.50000	312.23	86.01	48.831717	-86.924769	56038.44	56244.4	5.62	56044.06	56028.87500	56034.90481	56021.94141	505521.1	5408751.6
L5520.0	505521.1	5408753.0	14960.59961	312.81	86.01	48.831730	-86.924769	56038.46	56244.4	5.62	56044.08	56028.88672	56034.78219	56021.78125	505521.1	5408753.0
L5520.0	505521.1	5408754.4	14960.70020	315.48	92.45	48.831743	-86.924768	56038.62	56244.4	5.62	56044.23	56029.03516	56038.04655	56025.00781	505521.1	5408754.4
L5520.0	505521.2	5408755.8	14960.79981	316.09	92.45	48.831755	-86.924768	56038.72	56244.4	5.61	56044.33	56029.12891	56040.20979	56027.13281	505521.2	5408755.8
L5520.0	505521.2	5408755.8	14960.90039	317.00	85.33	48.831755	-86.924768	56038.87	56244.4	5.61	56044.48	56029.27344	56043.75874	56030.64453	505521.2	5408755.8
L5520.0	505521.2	5408757.5	14961.00000	316.16	85.33	48.831770	-86.924768	56038.79	56244.4	5.61	56044.40	56029.18750	56041.70489	56028.55469	505521.2	5408757.5
L5520.0	505521.2	5408758.8	14961.00000	316.16	85.93	48.831782	-86.924767	56038.74	56244.4	5.61	56044.35	56029.13281	56040.52865	56027.33984	505521.2	5408758.8
L5520.0	505521.3	5408760.2	14961.20020	317.06	89.94	48.831795	-86.924767	56038.56	56244.4	5.62	56044.18	56028.95703	56036.48621	56023.26172	505521.3	5408760.2
L5520.0	505521.3	5408761.6	14961.29981	318.52	89.94	48.831807	-86.924766	56038.44	56244.4	5.62	56044.06	56028.83203	56033.81480	56020.55469	505521.3	5408761.6
L5520.0	505521.3	5408761.6	14961.40039	315.17	90.47	48.831807	-86.924766	56038.48	56244.4	5.62	56044.11	56028.87500	56035.50158	56022.20313	505521.3	5408761.6
L5520.0	505521.3	5408763.5	14961.50000	314.46	91.08	48.831824	-86.924766	56038.52	56244.4	5.63	56044.14	56028.90234	56036.80513	56023.46875	505521.3	5408763.5
L5520.0	505521.3	5408764.7	14961.59961	312.87	91.08	48.831835	-86.924766	56038.62	56244.4	5.63	56044.24	56028.99609	56039.96381	56026.59375	505521.3	5408764.7
L5520.0	505521.3	5408764.7	14961.70020	313.77	82.61	48.831835	-86.924766	56038.46	56244.4	5.63	56044.10	56028.85156	56037.25507	56023.84766	505521.3	5408764.7
L5520.0	505521.3	5408766.3	14961.79981	313.30	82.61	48.831850	-86.924765	56038.38	56244.4	5.63	56044.02	56028.76563	56036.14853	56022.70703	505521.3	5408766.3
L5520.0	505521.4	5408767.9	14961.90039	316.45	91.53	48.831864	-86.924765	56038.36	56244.4	5.64	56044.00	56028.74219	56036.63900	56023.16406	505521.4	5408767.9
L5520.0	505521.4	5408769.4	14962.00000	316.79	91.53	48.831877	-86.924765	56038.36	56244.4	5.64	56044.00	56028.73438	56037.72702	56024.21875	505521.4	5408769.4
L5520.0	505521.4	5408769.4	14962.09961	316.32	90.83	48.831877	-86.924765	56038.23	56244.4	5.64	56043.87	56028.60156	56035.68179	56022.13672	505521.4	5408769.4
L5520.0	505521.4	5408771.0	14962.20020	316.21	90.94	48.831892	-86.924765	56038.06	56244.4	5.64	56043.70	56028.42578	56032.73846	56019.16016	505521.4	5408771.0
L5520.0	505521.4	5408772.4	14962.29981	316.72	90.94	48.831905	-86.924765	56037.96	56244.4	5.64	56043.60	56028.32422	56031.62649	56018.01953	505521.4	5408772.4
L5520.0	505521.4	5408773.8	14962.40039	315.38	86.3	48.831917	-86.924765	56037.98	56244.4	5.64	56043.62	56028.33984	56033.58694	56019.94531	505521.4	5408773.8
L5520.0	505521.4	5408773.8	14962.50000	315.37	84.86	48.831917	-86.924765	56037.96	56244.4	5.65	56043.60	56028.31641	56034.64227	56020.96875	505521.4	5408773.8
L5520.0	505521.4	5408775.7	14962.59961	316.19	84.86	48.831934	-86.924764	56038.04	56244.4	5.65	56043.68	56028.39063	56038.27952	56024.57422	505521.4	5408775.7
L5520.0	505521.4	5408777.1	14962.70020	316.74	93.97	48.831947	-86.924764	56037.84	56244.4	5.65	56043.48	56028.18750	56035.02395	56021.28906	505521.4	5408777.1
L5520.0	505521.4	5408778.4	14962.79981	315.42	93.97	48.831959	-86.924764	56037.78	56244.4	5.65	56043.43	56028.13281	56035.59552	56021.83203	505521.4	5408778.4
L5520.0	505521.4	5408779.8	14962.90039	315.42	90.04	48.831971	-86.924764	56037.68	56244.4	5.65	56043.33	56028.03125	56035.00124	56021.20703	505521.4	5408779.8
L5520.0	505521.4	5408779.8	14963.00000	314.74	90.04	48.831971	-86.924764	56037.66	56244.3	5.65	56043.31	56028.00781	56036.50472	56022.68359	505521.4	5408779.8
L5520.0	505521.4	5408781.5	14963.00000	314.74	88.41	48.831986	-86.924764	56037.38	56244.3	5.65	56043.03	56027.72656	56031.53733	56017.68750	505521.4	5408781.5
L5520.0	505521.4	5408782.6	14963.20020	316.92	92.21	48.831996	-86.924764	56037.40	56244.3	5.65	56043.05	56027.74219	56034.23322	56020.35547	505521.4	5408782.6
L5520.0	505521.4	5408783.8	14963.29981	316.70	92.21	48.832007	-86.924764	56037.30	56244.3	5.65	56042.95	56027.64063	56033.98809	56020.08203	505521.4	5408783.8
L5520.0	505521.4	5408785.4	14963.40039	316.79	93.72	48.832022	-86.924764	56037.18	56244.3	5.65	56042.83	56027.51563	56033.32760	56019.39844	505521.4	5408785.4
L5520.0	505521.4	5408786.4	14963.50000	316.33	93.72	48.832030	-86.924764	56037.10	56244.3	5.65	56042.75	56027.43359	56033.78591	56019.82813	505521.4	5408786.4
L5520.0	505521.4	5408786.4	14963.59961	316.49	94.24	48.832030	-86.924764	56037.02	56244.3	5.65	56042.67	56027.35156	56034.34766	56020.36719	505521.4	5408786.4
L5520.0	505521.5	5408789.1	14963.70020	316.35	94.39	48.832054	-86.924764	56036.89	56244.3	5.65	56042.54	56027.22266	56033.73310	56019.72656	505521.5	5408789.1
L5520.0	505521.5	5408789.1	14963.79981	317.83	94.39	48.832054	-86.924764	56036.82	56244.3	5.65	56042.47	56027.14844	56034.76074	56020.73047	505521.5	5408789.1
L5520.0	505521.4	5408790.4	14963.90039	318.89	95.07	48.832067	-86.924764	56036.62	56244.3	5.65	56042.27	56026.94922	56032.56945	56018.51563	505521.4	5408790.4
L5520.0	505521.5	5408792.1	14964.00000	318.50	97.59	48.832082	-86.924764	56036.49	56244.3	5.65	56042.14	56026.81641	56032.27969	56018.20313	505521.5	5408792.1
L5520.0	505521.5	5408793.4	14964.09961	317.30	97.59	48.832094	-86.924764	56036.29	56244.4	5.65	56041.94	56026.61719	56030.32611	56016.23047	505521.5	5408793.4
L5520.0	505521.5	5408793.4	14964.20020	317.96	97.57	48.832094	-86.924764	56036.24	56244.4	5.65	56041.88	56026.55469	56032.02995	56017.91406	505521.5	5408793.4
L5520.0	505521.5	5408794.8	14964.29981	318.34	97.57	48.832106	-86.924764	56036.16	56244.4	5.64	56041.80	56026.47266	56033.31543	56019.17969	505521.5	5408794.8
L5520.0	505521.4	5408796.2	14964.40039	317.76	97.79	48.832119	-86.924764	56036.04	56244.4	5.64	56041.68	56026.35547	56033.68638	56019.53125	505521.4	5408796.2
L5520.0	505521.4	5408798.1	14964.50000	316.43	97.79	48.832135	-86.924764	56036.04	56244.4	5.64	56041.68	56026.35156	56037.10579	56022.92969	505521.4	5408798.1
L5520.0	505521.4	5408798.1	14964.59961	316.25	97.84	48.832135	-86.924764	56035.73	56244.4	5.64	56041.37	56026.04297	56032.97771	56018.78125	505521.4	5408798.1
L5520.0	505521.4	5408799.5	14964.70020	316.13	97.84	48.832148	-86.924764	56035.83	56244.4	5.64	56041.47	56026.14453	56038.95060	56024.73828	505521.4	5408799.5
L5520.0	505521.4	5408800.9	14964.79981	316.15	97.75	48.832160	-86.924764	56035.61	56244.4	5.63	56041.24	56025.91406	56036.97001	56022.74219	505521.4	5408800.9
L5520.0	505521.4	5408802.2	14964.90039	314.74	98.67	48.832173	-86.924764	56035.45	56244.4	5.63	56041.08	56025.75391	56036.77077	56022.52344	505521.4	5408802.2
L5520.0	505521.4	5408802.2	14965.00000	312.84	98.67	48.832173	-86.924764	56035.23	56244.4	5.63	56040.86	56025.53125	56035.23177	56020.96875	505521.4	5408802.2
L5520.0	505521.4	5408803.9	14965.00000	312.84	97.52	48.832187	-86.924764	56035.00	56244.4	5.63	56040.63	56025.30469	56033.55362	56019.27344	505521.4	5408803.9
L5520.0	505521.4	5408805.0	14965.20020	311.38	97.52	48.832198	-86.924764	56034.64	56244.4	5.63	56040.27	56024.94531	56028.93738	56014.64453	505521.4	5408805.0
L5520.0	505521.4	5408805.0	14965.29981	310.42	97.52	48.832198	-86.924764	56034.54	56244.4	5.63	56040.17	56024.84375	56030.44624	56016.14063	505521.4	5408805.0
L5520.0	505521.4	5408806.7	14965.40039	309.98	99.3	48.832213	-86.924765	56034.26	56244.4	5.63	56039.89	56024.56641	56027.83872	56013.51953	505521.4	5408806.7
L5520.0	505521.3	5408808.1	14965.50000	311.09	99.99	48.832225	-86.924765	56034.07	56244.4	5.63	56039.70	56024.37500	56027.35071	56013.01563	505521.3	5408808.1
L5520.0	505521.3	5408809.4	14965.59961	313.57	99.99	48.832238	-86.924765	56033.81	56244.4	5.63	56039.44	56024.11719	56025.28210	56010.93359	505521.3	5408809.4
L5520.0	505521.3	5408810.9	14965.70020	313.23	103.08	48.832251	-86.924765	56033.91	56244.4	5.63	56039.54	56024.21484	56031.50907	56017.14844	505521.3	5408810.9
L5520.0	505521.3	5408812.7	14965.79981	315.56	103.08	48.832267	-86.924766	56033.66	56244.4	5.63	56039.29	56023.96875	56029.71595	56015.34375	505521.3	5408812.7
L5520.0	505521.3	5408812.7	14965.90039	315.56	103.35	48.832267	-86.924766	56033.66	56244.4	5.63	56039.29	56023.96875	56033.73360	56019.35156	505521.3	5408812.7
L5520.0	505521.3	5408814.2	14966.00000	317.67	103.24	48.832280	-86.924766	56033.26	56244.4	5.63	56038.89	56023.57031	56028.46573	56014.07031	505521.3	5408814.2
L5520.0	505521.3	5408815.5	14966.09961	316.66	103.24	48.832292	-86.924766	56033.33	56244.4	5.63	56038.96	56023.64063	56034.24218	56019.83594	505521.3	5408815.5
L5520.0	505521.2	5408816.9	14966.20020	316.68	103.03	48.832305	-86.924766	56033.00	56244.4	5.63	56038.63	56023.30859	56030.59631	56016.17969	505521.2	5408816.9
L5520.0	505521.2	5408818.6	14966.29981	315.55	103.03	48.832320	-86.924766	56032.90	56244.4	5.64	56038.53	56023.21094	56032.45810	56018.03516	505521.2	5408818.6
L5520.0	505521.2	5408818.6	14966.40039	313.39	103.02	48.832320	-86.924766	56032.39	56244.4	5.64	56038.03	56022.71094	56024.57129	56010.13672	505521.2	5408818.6
L5520.0	505521.2	5408819.7	14966.50000	312.97	102.99	48.832330	-86.924766	56032.34	56244.4	5.64	56037.98	56022.66406	56027.69271	56013.25000	505521.2	5408819.7
L5520.0	505521.2	5408821.2	14966.59961	314.55	103.06	48.832343	-86.924767	56032.14	56244.4	5.64	56037.78	56022.46094	56027.14037	56012.68750	505521.2	5408821.2

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5520.0	505521.2	5408822.8	14966.70020	314.31	103.06	48.832358	-86.924767	56032.06	56244.4	5.64	56037.71	56022.39453	56029.92087	56015.46094	505521.2	5408822.8
L5520.0	505521.2	5408822.8	14966.79981	316.77	103.26	48.832358	-86.924767	56031.58	56244.4	5.65	56037.23	56021.91406	56022.18850	56007.71875	505521.2	5408822.8
L5520.0	505521.2	5408824.8	14966.90039	317.88	103.26	48.832375	-86.924767	56031.61	56244.4	5.65	56037.26	56021.94531	56027.65093	56013.17578	505521.2	5408824.8
L5520.0	505521.1	5408826.2	14967.00000	318.70	103.26	48.832388	-86.924768	56031.25	56244.3	5.65	56036.90	56021.58594	56022.93867	56008.45313	505521.1	5408826.2
L5520.0	505521.1	5408827.6	14967.00000	318.70	103.26	48.832401	-86.924768	56031.18	56244.3	5.65	56036.83	56021.51563	56025.04193	56010.55078	505521.1	5408827.6
L5520.0	505521.1	5408827.6	14967.20020	321.06	103.26	48.832401	-86.924768	56030.82	56244.4	5.65	56036.47	56021.15234	56021.94439	56007.44531	505521.1	5408827.6
L5520.0	505521.1	5408828.7	14967.29981	318.82	103.26	48.832411	-86.924768	56030.57	56244.4	5.64	56036.21	56020.89453	56020.53589	56006.03125	505521.1	5408828.7
L5520.0	505521.1	5408830.8	14967.40039	319.44	103.26	48.832430	-86.924768	56030.24	56244.4	5.64	56035.88	56020.56250	56017.93234	56003.42188	505521.1	5408830.8
L5520.0	505521.1	5408832.4	14967.50000	320.01	103.26	48.832445	-86.924768	56030.24	56244.4	5.64	56035.88	56020.56250	56021.04453	56006.52734	505521.1	5408832.4
L5520.0	505521.1	5408832.4	14967.59961	319.07	103.26	48.832445	-86.924768	56030.12	56244.4	5.64	56035.76	56020.44141	56022.13846	56007.61328	505521.1	5408832.4
L5520.0	505521.1	5408833.8	14967.70020	317.58	103.26	48.832457	-86.924768	56029.98	56244.4	5.64	56035.62	56020.30078	56022.92661	56008.39844	505521.1	5408833.8
L5520.0	505521.1	5408835.2	14967.79981	317.52	103.26	48.832470	-86.924768	56029.82	56244.4	5.63	56035.45	56020.12891	56023.22251	56008.68750	505521.1	5408835.2
L5520.0	505521.1	5408836.6	14967.90039	315.04	103.26	48.832482	-86.924768	56029.68	56244.4	5.63	56035.32	56020.00000	56024.26062	56009.71875	505521.1	5408836.6
L5520.0	505521.1	5408836.6	14968.00000	314.61	103.26	48.832482	-86.924768	56029.56	56244.4	5.63	56035.19	56019.86719	56025.33670	56010.78906	505521.1	5408836.6
L5520.0	505521.1	5408838.4	14968.09961	315.09	103.26	48.832499	-86.924768	56029.31	56244.4	5.63	56034.94	56019.61719	56024.29168	56009.73828	505521.1	5408838.4
L5520.0	505521.1	5408839.8	14968.20020	316.77	103.26	48.832511	-86.924768	56029.20	56244.4	5.63	56034.84	56019.51563	56025.97095	56011.41406	505521.1	5408839.8
L5520.0	505521.1	5408839.8	14968.29981	318.20	103.26	48.832511	-86.924768	56028.90	56244.4	5.64	56034.54	56019.21094	56024.05503	56009.49219	505521.1	5408839.8
L5520.0	505521.1	5408841.2	14968.40039	320.62	103.26	48.832524	-86.924768	56028.70	56244.4	5.64	56034.34	56019.01172	56023.96681	56009.39844	505521.1	5408841.2
L5520.0	505521.1	5408842.7	14968.50000	319.71	103.26	48.832537	-86.924768	56028.42	56244.4	5.64	56034.06	56018.72656	56022.42965	56007.85547	505521.1	5408842.7
L5520.0	505521.1	5408843.6	14968.59961	321.00	103.26	48.832545	-86.924768	56028.22	56244.4	5.64	56033.86	56018.52344	56022.37107	56007.79297	505521.1	5408843.6
L5520.0	505521.1	5408844.9	14968.70020	319.44	103.26	48.832557	-86.924768	56027.89	56244.4	5.64	56033.54	56018.20313	56020.10674	56005.52344	505521.1	5408844.9
L5520.0	505521.1	5408846.4	14968.79981	321.24	103.26	48.832570	-86.924768	56027.66	56244.4	5.65	56033.31	56017.96875	56019.51694	56004.92578	505521.1	5408846.4
L5520.0	505521.1	5408848.0	14968.90039	320.13	103.26	48.832584	-86.924768	56027.38	56244.4	5.65	56033.03	56017.68359	56018.00521	56003.41016	505521.1	5408848.0
L5520.0	505521.1	5408848.0	14969.00000	319.68	130	48.832584	-86.924768	56027.21	56244.3	5.65	56032.86	56017.51172	56018.57447	56003.97266	505521.1	5408848.0
L5520.0	505521.1	5408849.5	14969.00000	319.68	130	48.832598	-86.924768	56027.06	56244.3	5.65	56032.71	56017.35547	56019.55581	56004.94922	505521.1	5408849.5
L5520.0	505521.1	5408850.8	14969.20020	320.84	130	48.832610	-86.924768	56027.23	56244.4	5.65	56032.88	56017.52344	56026.64969	56012.03906	505521.1	5408850.8
L5520.0	505521.1	5408852.0	14969.29981	319.57	130	48.832621	-86.924768	56026.83	56244.4	5.64	56032.48	56017.11719	56022.96057	56008.34375	505521.1	5408852.0
L5520.0	505521.1	5408853.1	14969.40039	321.58	130	48.832631	-86.924768	56026.70	56244.4	5.64	56032.34	56016.97266	56024.24237	56009.62109	505521.1	5408853.1
L5520.0	505521.1	5408853.1	14969.50000	322.18	130	48.832631	-86.924768	56026.27	56244.4	5.64	56031.91	56016.53516	56020.01658	56005.38672	505521.1	5408853.1
L5520.0	505521.1	5408854.8	14969.59961	322.33	130	48.832645	-86.924767	56026.02	56244.4	5.64	56031.66	56016.28125	56019.25767	56004.62500	505521.1	5408854.8
L5520.0	505521.1	5408856.4	14969.70020	321.87	130	48.832660	-86.924767	56025.62	56244.4	5.64	56031.25	56015.86328	56015.48436	56000.84375	505521.1	5408856.4
L5520.0	505521.1	5408856.4	14969.79981	322.82	130	48.832660	-86.924767	56025.39	56244.4	5.63	56031.02	56015.62891	56015.18914	56000.54297	505521.1	5408856.4
L5520.0	505521.1	5408858.3	14969.90039	321.04	130	48.832677	-86.924767	56025.16	56244.4	5.63	56030.79	56015.39063	56014.93636	56000.28516	505521.1	5408858.3
L5520.0	505521.2	5408859.6	14970.00000	320.50	130	48.832689	-86.924767	56025.03	56244.4	5.63	56030.66	56015.25391	56016.60708	56001.94922	505521.2	5408859.6
L5520.0	505521.2	5408861.2	14970.09961	321.50	130	48.832704	-86.924767	56024.78	56244.4	5.63	56030.41	56014.99609	56016.05436	56001.39063	505521.2	5408861.2
L5520.0	505521.2	5408862.6	14970.20020	321.05	130	48.832716	-86.924767	56024.55	56244.4	5.63	56030.18	56014.75781	56015.91879	56001.24609	505521.2	5408862.6
L5520.0	505521.2	5408862.6	14970.29981	320.73	130	48.832716	-86.924767	56024.18	56244.4	5.63	56029.80	56014.37109	56013.08460	55998.40625	505521.2	5408862.6
L5520.0	505521.2	5408864.5	14970.40039	318.49	130	48.832733	-86.924767	56024.04	56244.4	5.63	56029.67	56014.23438	56014.86906	56000.18359	505521.2	5408864.5
L5520.0	505521.2	5408865.6	14970.50000	316.53	130	48.832743	-86.924767	56023.77	56244.4	5.63	56029.39	56013.94531	56013.97961	55999.28906	505521.2	5408865.6
L5520.0	505521.2	5408867.3	14970.59961	316.14	130	48.832758	-86.924766	56023.59	56244.4	5.62	56029.21	56013.75391	56014.90421	56000.20313	505521.2	5408867.3
L5520.0	505521.2	5408868.7	14970.70020	317.14	130	48.832771	-86.924766	56023.26	56244.4	5.62	56028.89	56013.42578	56013.42998	55998.72266	505521.2	5408868.7
L5520.0	505521.2	5408868.7	14970.79981	318.95	130	48.832771	-86.924766	56023.06	56244.4	5.62	56028.68	56013.20703	56013.89185	55999.17969	505521.2	5408868.7
L5520.0	505521.2	5408870.1	14970.90039	317.57	130	48.832783	-86.924766	56022.93	56244.4	5.62	56028.55	56013.06641	56015.67297	56000.95313	505521.2	5408870.1
L5520.0	505521.2	5408871.7	14971.00000	317.22	130	48.832797	-86.924766	56022.94	56244.4	5.62	56028.56	56013.06641	56022.02467	56007.29297	505521.2	5408871.7
L5520.0	505521.2	5408871.7	14971.00000	317.22	130	48.832797	-86.924766	56022.70	56244.4	5.62	56028.32	56012.81641	56021.81434	56007.07422	505521.2	5408871.7
L5520.0	505521.2	5408873.3	14971.20020	317.54	130	48.832812	-86.924766	56022.18	56244.4	5.62	56027.80	56012.28516	56014.67691	55999.92969	505521.2	5408873.3
L5520.0	505521.2	5408874.7	14971.29981	315.66	130	48.832824	-86.924766	56021.77	56244.4	5.63	56027.39	56011.86328	56010.44341	55995.68750	505521.2	5408874.7
L5520.0	505521.2	5408876.0	14971.40039	314.88	130	48.832837	-86.924766	56021.70	56244.4	5.63	56027.32	56011.78125	56014.44743	55999.68359	505521.2	5408876.0
L5520.0	505521.2	5408877.2	14971.50000	313.67	130	48.832847	-86.924766	56021.57	56244.4	5.63	56027.20	56011.64844	56017.12534	56002.35156	505521.2	5408877.2
L5520.0	505521.2	5408877.2	14971.59961	313.75	130	48.832847	-86.924766	56021.49	56244.4	5.63	56027.12	56011.55469	56020.67657	56005.89063	505521.2	5408877.2
L5520.0	505521.1	5408879.1	14971.70020	314.14	130	48.832864	-86.924767	56021.18	56244.4	5.63	56026.82	56011.24219	56018.98809	56004.19531	505521.1	5408879.1
L5520.0	505521.1	5408880.4	14971.79981	312.02	130	48.832876	-86.924767	56021.09	56244.4	5.64	56026.72	56011.12891	56022.03035	56007.22656	505521.1	5408880.4
L5520.0	505521.1	5408881.6	14971.90039	311.49	130	48.832887	-86.924767	56020.64	56244.4	5.64	56026.28	56010.67578	56016.99450	56002.17969	505521.1	5408881.6
L5520.0	505521.1	5408882.8	14972.00000	311.11	130	48.832897	-86.924767	56020.32	56244.4	5.64	56025.96	56010.34375	56014.78425	55999.95703	505521.1	5408882.8
L5520.0	505521.1	5408884.1	14972.09961	310.24	130	48.832910	-86.924767	56020.05	56244.4	5.64	56025.69	56010.05859	56013.76125	55998.92188	505521.1	5408884.1
L5520.0	505521.1	5408884.1	14972.20020	308.28	130	48.832910	-86.924767	56019.90	56244.4	5.64	56025.54	56009.89453	56015.66715	56000.82031	505521.1	5408884.1
L5520.0	505521.1	5408885.6	14972.29981	310.66	130	48.832923	-86.924767	56019.63	56244.4	5.64	56025.26	56009.59766	56014.42800	55999.56641	505521.1	5408885.6
L5520.0	505521.1	5408887.2	14972.40039	312.65	130	48.832938	-86.924767	56019.59	56244.4	5.64	56025.23	56009.55469	56019.42035	56004.54688	505521.1	5408887.2
L5520.0	505521.1	5408888.4	14972.50000	317.33	130	48.832948	-86.924767	56019.01	56244.4	5.63	56024.65	56008.95703	56010.71697	55995.83203	505521.1	5408888.4
L5520.0	505521.1	5408889.6	14972.59961	320.66	130	48.832959	-86.924768	56018.86	56244.4	5.63	56024.49	56008.78125	56012.53337	55997.63672	505521.1	5408889.6
L5520.0	505521.1	5408889.6	14972.70020	323.86	130	48.832959	-86.924768	56018.36	56244.4	5.63	56023.99	56008.26563	56005.70502	55990.79688	505521.1	5408889.6
L5520.0	505521.0	5408891.5	14972.79981	325.23	130	48.832976	-86.924768	56018.36	56244.4	5.63	56023.99	56008.25000	56011.73288	55996.81250	505521.0	5408891.5
L5520.0	505521.0	5408893.1	14972.90039	325.47	130	48.832990	-86.924768	56018.07	56244.4	5.63	56023.70	56007.94531	56010.34699	55995.41016	505521.0	5408893.1
L5520.0	505521.0	5408893.1	14973.00000	324.36	130	48.832990	-86.924768	56018.28	56244.4	5.63	56023.91	56008.13672	56022.15120	56007.20313	505521.0	5408893.1
L5520.0	505521.0	5408895.6	14973.00000	324.36	130	48.833013	-86.924768	56017.68	56244.4	5.63	56023.31	56007.51953	56012.71550	55997.75391	505521.0	5408895.6
L5520.0	505521.0	5408895.6	14973.20020	316.85	130	48.833013	-86.924768	56017.62	56244.4	5.63	56023.25	56007.44141	56017.59484	56002.61719	505521.0	5408895.6
L5520.0	505521.0	5408897.2	14973.29981	313.22	130	48.833028	-86.924769	56016.99	56244.4	5.63	56022.62	56006.79688	56007.38378	55992.39453	505521.0	5408897.2
L5520.0	505521.0	5408898.6	14973.40039	301.70	130	48.833040	-86.924769	56016.73	56244.4	5.63	56022.36	56006.51953	56007.08148	55992.07813	505521.0	5408898.6
L5520.0	505521.0	5408898.6	14973.50000	300.14	130	48.833040	-86.924769	56016.33	56244.4	5.63	56021.96	56006.09766	56003.16075	55988.14063	505521.0	5408898.6
L5520.0	505520.9	5408900.3	14973.59961	302.81	130	48.833055	-86.924769	56016.36	56244.4	5.63	56021.99	56006.10938	56010.66440	55995.62891	505520.9	5408900.3
L5520.0	505520.9	5408901.7	14973.70020	308.23	130	48.833067	-86.924769	56015.80	56244.4	5.63	56021.43	56005.53125	56002.80148	55987.75000	505520.9	5408901.7
L5520.0	505520.9	5408903.6	14973.79981	310.39	130	48.833084	-86.924769	56015.77	56244.4	5.63	56021.40	56005.48438	56008.76750	55993.70313	505520.9	5408903.6
L5520.0	505520.9	5408903.6	14973.90039	314.10	130	48.833084	-86.924769	56015.42	56244.4	5.63	56021.05	56005.11328	56006.59726	55991.51563	505520.9	5408903.6
L5520.0	505520.9	5408904.9	14974.00000	317.24	130	48.833097	-86.924769	56015.27	56244.4	5.63	56020.90	56004.94531	56009.47500	55994.37891	505520.9	5408904.9
L5520.0	505520.9	5408906.2	14974.09961	319.55	130	48.833108	-86.924770	56014.82	56244.4	5.63	56020.45	56004.47656	56005.14910	55990.03516	505520.9	5408906.2
L5520.0	505520.9	5408907.8	14974.20020	320.27	130	48.833122	-86.924770	56014.61	56244.4	5.63	56020.24	56004.24609	56006.66036	55991.53125	505520.9	5408907.8
L5520.0	505520.9	5408909.2	14974.29981	320.07	130	48.833135	-86.924769	56014.23	56244.4	5.63	56019.86	56003.84375	56004.34855	55989.20313	505520.9	5408909.2
L5520.0	505520.9	5408909.2	14974.40039	317.50	130	48.833135	-86.924769	56014.23	56244.4	5.63	56019.86	56003.82422	56010.37931	55995.21875	505520.9	5408909.2
L5520.0	505520.9	5408910.8	14974.50000	315.64	130	48.833149	-86.924769	56013.83	56244.4	5.63	56019.46	56003.40625	56007.73125	55992.55469	505520.9	5408910.8
L5520.0	505520.9	5408912.2	14974.59961	312.90	130	48.833162	-86.924769	56014.00	56244.4	5.63	56019.63	56003.55469	56016.63665	56001.44141	505520.9	5408912.2
L5520.0	505520.9	5408913.6	14974.70020	309.81	130	48.833175	-86.924769	56013.47	56244.4	5.63	56019.10	56003.00391	56011.43765	55996.22656	505520.9	5408913.6
L5520.0	505520.9	5408913.6	14974.79981	310.17	130	48.833175	-86.924769	56013.45	56244.4	5.63	56019.07	56002.95313	56015.87850	56000.64844	505520.9	5408913.6
L5520.0	505521.0	5408915.3	14974.90039	308.33	130	48.833190	-86.924769	56012.89	56244.4	5.63	56018.52	56002.37891	56010.62741	55995.38281	505521.0	5408915.3
L5520.0	505521.0	5408916.7	14975.00000	309.62	130	48.833203	-86.924768	56012.86	56244.4	5.63	56018.49	56002.32813	56014.78026	55999.51563	505521.0	5408916.7
L5520.0	505521.0	5408916.7	14975.00000	309.62	130	48.833203	-86.924768	56012.23	56244.4	5.63	56017.86	56001.67578	56008.36118	55993.07813	505521.0	5408916.7
L5520.0	505521.0	5408918.2	14975.20020	310.70	130	48.833216	-86.924768	56012.13	56244.4	5.62	56017.75	56001.54688	56010.92254	55995.62500	505521.0	5408918.2
L5520.0	505521.0	5408919.6	14975.29981	311.66	130	48.833228	-86.924768	56011.60	56244.4	5.62	56017.22	56000.99219	56006.26277	55990.94531	505521.0	5408919.6
L5520.0	505521.0	5408921.3	14975.40039	308.30	130	48.833243	-86.924768	56011.63	56244.4	5.61	56017.24	56000.99219	56010.84968	55995.51563	505521.0	5408921.3
L5520.0	505521.0	5408922.5	14975.50000	306.21	130	48.833254	-86.924768	56011.17	56244.4	5.61	56016.78	56000.50781	56007.20347	55991.85156	505521.0	5408922.5
L5520.0	505521.0	5408923.9	14975.59961	304.16	130	48.833267	-86.924768	56011.13	56244.4	5.61	56016.73	56000.43750	56010.54651	55995.17578	505521.0	5408923.9
L5520.0	505521.0	5408923.9	14975.70020	302.41	130	48.833267	-86.924768	56010.62	56244.4	5.60	56016.22	55999.90234	56005.74670	55990.35547	505521.0	5408923.9
L5520.0	505521.0	5408925.3	14975.79981	304.96	130	48.833280	-86.924768	56010.59	56244.4	5.60	56016.18	55999.83984	56009.33419	55993.92578	505521.0	5408925.3
L5520.0	505521.0	5408926.4	14975.90039	304.53	130	48.833290	-86.924768	56010.11	56244.4	5.59	56015.70	55999.33594	56004.75592	55989.32813	505521.0	5408926.4

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5520.0	505521.0	5408928.1	14976.00000	306.32	130	48.833305	-86.924768	56009.91	56244.4	5.59	56015.50	55999.11328	56005.40771	55989.96094	505521.0	5408928.1
L5520.0	505521.0	5408928.1	14976.09961	309.01	130	48.833305	-86.924768	56009.48	56244.4	5.59	56015.07	55998.66016	56001.45624	55985.99219	505521.0	5408928.1
L5520.0	505521.0	5408931.4	14976.20020	309.19	130	48.833335	-86.924768	56009.42	56244.4	5.60	56015.02	55998.58594	56005.24836	55989.76563	505521.0	5408931.4
L5520.0	505521.0	5408931.4	14976.29981	311.89	130	48.833335	-86.924768	56009.07	56244.4	5.60	56014.68	55998.22266	56003.07128	55987.57031	505521.0	5408931.4
L5520.0	505521.0	5408932.8	14976.40039	316.15	130	48.833347	-86.924768	56008.94	56244.4	5.61	56014.55	55998.07031	56005.45069	55989.92969	505521.0	5408932.8
L5520.0	505521.0	5408934.2	14976.50000	321.95	130	48.833360	-86.924767	56008.54	56244.4	5.61	56014.15	55997.64453	56001.92067	55986.37891	505521.0	5408934.2
L5520.0	505521.0	5408934.2	14976.59961	323.30	130	48.833360	-86.924767	56008.41	56244.4	5.61	56014.03	55997.50000	56004.70798	55989.14844	505521.0	5408934.2
L5520.0	505521.0	5408935.9	14976.70020	323.56	130	48.833375	-86.924767	56008.16	56244.4	5.62	56013.78	55997.22656	56004.62114	55989.03906	505521.0	5408935.9
L5520.0	505521.1	5408937.6	14976.79981	326.23	130	48.833390	-86.924767	56007.84	56244.4	5.62	56013.46	55996.88281	56002.95352	55987.35547	505521.1	5408937.6
L5520.0	505521.1	5408938.3	14976.90039	323.98	130	48.833397	-86.924767	56007.27	56244.4	5.63	56012.90	55996.29688	55995.74879	55980.12891	505521.1	5408938.3
L5520.0	505521.1	5408940.2	14977.00000	321.99	130	48.833414	-86.924767	56007.10	56244.4	5.63	56012.73	55996.10156	55997.68496	55982.04688	505521.1	5408940.2
L5520.0	505521.1	5408941.6	14977.00000	321.99	130	48.833426	-86.924767	56006.77	56244.4	5.63	56012.40	55995.74609	55996.01577	55980.35547	505521.1	5408941.6
L5520.0	505521.1	5408941.6	14977.20020	316.17	130	48.833426	-86.924767	56006.67	56244.4	5.63	56012.30	55995.62109	55999.67382	55983.99609	505521.1	5408941.6
L5520.0	505521.1	5408943.3	14977.29981	313.68	130	48.833441	-86.924766	56006.39	56244.4	5.63	56012.02	55995.31641	55999.30140	55983.60156	505521.1	5408943.3
L5520.0	505521.1	5408943.3	14977.40039	310.16	130	48.833441	-86.924766	56006.18	56244.4	5.63	56011.82	55995.08984	56000.73423	55985.01563	505521.1	5408943.3
L5520.0	505521.1	5408944.9	14977.50000	308.09	130	48.833456	-86.924766	56005.86	56244.4	5.63	56011.49	55994.73438	55999.45735	55983.71875	505521.1	5408944.9
L5520.0	505521.1	5408946.6	14977.59961	305.79	130	48.833471	-86.924766	56005.66	56244.4	5.64	56011.30	55994.51563	56001.11273	55985.35156	505521.1	5408946.6
L5520.0	505521.1	5408947.7	14977.70020	308.18	130	48.833482	-86.924766	56005.41	56244.4	5.64	56011.04	55994.23047	56001.34985	55985.56641	505521.1	5408947.7
L5520.0	505521.1	5408948.9	14977.79981	306.74	130	48.833492	-86.924766	56005.07	56244.4	5.64	56010.71	55993.87500	56000.33372	55984.53125	505521.1	5408948.9
L5520.0	505521.1	5408950.3	14977.90039	306.42	130	48.833505	-86.924766	56004.77	56244.4	5.64	56010.41	55993.54688	55999.95233	55984.12891	505521.1	5408950.3
L5520.0	505521.2	5408951.6	14978.00000	305.58	130	48.833517	-86.924765	56004.72	56244.4	5.64	56010.36	55993.46875	56003.68431	55987.83984	505521.2	5408951.6
L5520.0	505521.2	5408952.6	14978.09961	307.33	130	48.833525	-86.924765	56004.37	56244.4	5.64	56010.00	55993.08203	56002.21805	55986.35156	505521.2	5408952.6
L5520.0	505521.2	5408952.6	14978.20020	305.77	130	48.833525	-86.924765	56004.42	56244.4	5.63	56010.05	55993.10547	56006.93270	55991.04688	505521.2	5408952.6
L5520.0	505521.2	5408954.4	14978.29981	305.86	130	48.833542	-86.924765	56003.96	56244.4	5.63	56009.59	55992.61719	56003.93138	55988.02344	505521.2	5408954.4
L5520.0	505521.2	5408955.4	14978.40039	303.17	130	48.833551	-86.924765	56003.79	56244.4	5.62	56009.41	55992.41016	56004.95606	55989.02734	505521.2	5408955.4
L5520.0	505521.2	5408957.0	14978.50000	303.90	130	48.833565	-86.924765	56003.36	56244.4	5.62	56008.98	55991.95313	55999.39948	55983.44922	505521.2	5408957.0
L5520.0	505521.2	5408958.5	14978.59961	305.34	130	48.833579	-86.924765	56003.23	56244.4	5.62	56008.84	55991.78516	56002.79703	55986.82422	505521.2	5408958.5
L5520.0	505521.2	5408959.6	14978.70020	304.88	130	48.833589	-86.924765	56002.90	56244.4	5.61	56008.51	55991.42578	56000.54126	55984.54297	505521.2	5408959.6
L5520.0	505521.2	5408959.6	14978.79981	306.02	130	48.833589	-86.924765	56002.80	56244.4	5.61	56008.40	55991.28516	56004.90407	55988.88672	505521.2	5408959.6
L5520.0	505521.2	5408961.2	14978.90039	307.67	130	48.833603	-86.924765	56002.52	56244.4	5.60	56008.12	55990.97656	56003.70611	55987.66406	505521.2	5408961.2
L5520.0	505521.2	5408962.4	14979.00000	308.06	130	48.833614	-86.924765	56002.22	56244.4	5.60	56007.82	55990.64844	56002.72153	55986.65625	505521.2	5408962.4
L5520.0	505521.2	5408964.0	14979.00000	308.06	130	48.833628	-86.924765	56001.94	56244.4	5.60	56007.54	55990.33594	56001.94868	55985.85938	505521.2	5408964.0
L5520.0	505521.2	5408965.5	14979.20020	309.20	130	48.833641	-86.924765	56001.56	56244.4	5.60	56007.16	55989.92578	55999.60980	55983.50000	505521.2	5408965.5
L5520.0	505521.2	5408965.5	14979.29981	309.23	130	48.833641	-86.924765	56001.18	56244.4	5.60	56006.78	55989.51563	55997.09036	55980.95703	505521.2	5408965.5
L5520.0	505521.1	5408967.1	14979.40039	309.22	130	48.833656	-86.924765	56000.98	56244.4	5.60	56006.58	55989.28516	55997.25500	55981.09766	505521.1	5408967.1
L5520.0	505521.1	5408968.3	14979.50000	309.34	130	48.833667	-86.924766	56000.80	56244.4	5.60	56006.40	55989.07422	55997.75683	55981.57422	505521.1	5408968.3
L5520.0	505521.1	5408969.4	14979.59961	309.13	130	48.833677	-86.924766	56000.45	56244.4	5.61	56006.05	55988.69531	55995.35232	55979.14453	505521.1	5408969.4
L5520.0	505521.1	5408971.1	14979.70020	308.42	130	48.833692	-86.924766	56000.29	56244.4	5.61	56005.90	55988.51172	55996.36972	55980.13672	505521.1	5408971.1
L5520.0	505521.1	5408971.1	14979.79981	308.58	130	48.833692	-86.924766	56000.07	56244.4	5.61	56005.67	55988.25000	55995.98222	55979.72266	505521.1	5408971.1
L5520.0	505521.1	5408972.5	14979.90039	309.52	130	48.833705	-86.924766	55999.89	56244.4	5.61	56005.50	55988.04688	55996.74977	55980.46484	505521.1	5408972.5
L5520.0	505521.1	5408973.9	14980.00000	310.13	130	48.833717	-86.924767	55999.36	56244.4	5.61	56004.97	55987.48438	55990.33930	55974.03125	505521.1	5408973.9
L5520.0	505521.0	5408975.3	14980.09961	312.67	130	48.833730	-86.924767	55999.26	56244.4	5.61	56004.87	55987.35156	55992.47859	55976.14063	505521.0	5408975.3
L5520.0	505521.0	5408976.5	14980.20020	313.93	130	48.833741	-86.924767	55998.83	56244.4	5.60	56004.43	55986.87891	55987.50629	55971.14063	505521.0	5408976.5
L5520.0	505521.0	5408976.5	14980.29981	313.84	130	48.833741	-86.924767	55998.68	56244.4	5.60	56004.28	55986.69531	55988.69400	55972.30469	505521.0	5408976.5
L5520.0	505521.0	5408978.2	14980.40039	315.24	130	48.833755	-86.924767	55998.25	56244.4	5.60	56003.84	55986.21875	55983.47586	55967.05859	505521.0	5408978.2
L5520.0	505521.0	5408979.6	14980.50000	315.47	130	48.833768	-86.924768	55998.32	56244.4	5.60	56003.92	55986.26563	55990.03053	55973.58594	505521.0	5408979.6
L5520.0	505521.0	5408981.4	14980.59961	317.27	130	48.833785	-86.924768	55998.09	56244.4	5.59	56003.69	55986.00000	55989.65015	55973.17578	505521.0	5408981.4
L5520.0	505521.0	5408981.4	14980.70020	318.34	130	48.833785	-86.924768	55997.92	56244.4	5.59	56003.51	55985.78125	55990.48475	55973.98047	505521.0	5408981.4
L5520.0	505520.9	5408982.8	14980.79981	319.58	130	48.833797	-86.924768	55997.38	56244.4	5.59	56002.97	55985.20703	55982.88731	55966.35156	505520.9	5408982.8
L5520.0	505520.9	5408984.2	14980.90039	318.91	130	48.833810	-86.924768	55997.38	56244.4	5.58	56002.97	55985.16797	55988.08442	55971.51953	505520.9	5408984.2
L5520.0	505520.9	5408985.4	14981.00000	320.02	130	48.833821	-86.924768	55997.08	56244.4	5.58	56002.66	55984.82031	55986.04025	55969.44531	505520.9	5408985.4
L5520.0	505520.9	5408986.7	14981.00000	320.02	130	48.833833	-86.924769	55997.16	56244.4	5.58	56002.74	55984.86328	55993.21758	55976.58984	505520.9	5408986.7
L5520.0	505520.9	5408987.9	14981.20020	319.29	130	48.833843	-86.924769	55996.86	56244.4	5.59	56002.44	55984.52344	55991.54189	55974.87891	505520.9	5408987.9
L5520.0	505520.9	5408987.9	14981.29981	316.23	130	48.833843	-86.924769	55997.14	56244.4	5.59	56002.73	55984.77344	56003.31563	55986.62109	505520.9	5408987.9
L5520.0	505520.8	5408989.5	14981.40039	313.93	130	48.833857	-86.924769	55996.65	56244.4	5.59	56002.24	55984.24609	55997.41109	55980.68359	505520.8	5408989.5
L5520.0	505520.8	5408991.1	14981.50000	308.70	130	48.833872	-86.924770	55996.65	56244.4	5.60	56002.25	55984.21484	56002.51848	55985.75781	505520.8	5408991.1
L5520.0	505520.8	5408992.0	14981.59961	307.32	130	48.833880	-86.924770	55996.35	56244.4	5.60	56001.95	55983.87500	56000.94330	55984.14453	505520.8	5408992.0
L5520.0	505520.8	5408993.1	14981.70020	310.42	130	48.833890	-86.924770	55996.30	56244.4	5.60	56001.90	55983.78125	56004.35994	55987.52734	505520.8	5408993.1
L5520.0	505520.7	5408994.6	14981.79981	314.94	130	48.833903	-86.924771	55995.66	56244.4	5.60	56001.27	55983.10938	55996.80665	55979.93750	505520.7	5408994.6
L5520.0	505520.7	5408994.6	14981.90039	318.65	130	48.833903	-86.924771	55995.26	56244.4	5.61	56000.87	55982.66797	55994.10966	55977.20313	505520.7	5408994.6
L5520.0	505520.7	5408996.4	14982.00000	316.99	130	48.833919	-86.924771	55994.66	56244.4	5.61	56000.27	55982.02344	55988.63708	55971.69141	505520.7	5408996.4
L5520.0	505520.6	5408998.0	14982.09961	315.48	130	48.833934	-86.924772	55994.73	56244.4	5.61	56000.33	55982.03906	55993.78268	55976.79688	505520.6	5408998.0
L5520.0	505520.6	5408998.0	14982.20020	312.42	130	48.833934	-86.924772	55994.56	56244.4	5.61	56000.16	55981.82422	55994.39947	55977.37500	505520.6	5408998.0
L5520.0	505520.6	5408999.6	14982.29981	308.43	130	48.833948	-86.924773	55994.50	56244.4	5.60	56000.11	55981.72656	56001.34606	55984.28125	505520.6	5408999.6
L5520.0	505520.5	5409001.2	14982.40039	306.89	130	48.833962	-86.924774	55993.89	56244.4	5.60	55999.50	55981.07031	55992.93640	55975.83203	505520.5	5409001.2
L5520.0	505520.5	5409002.7	14982.50000	304.10	130	48.833977	-86.924774	55993.64	56244.4	5.60	55999.24	55980.76172	55993.87909	55976.73047	505520.5	5409002.7
L5520.0	505520.5	5409002.7	14982.59961	300.54	130	48.833977	-86.924774	55993.46	56244.4	5.60	55999.06	55980.53516	55996.31487	55979.12109	505520.5	5409002.7
L5520.0	505520.4	5409004.1	14982.70020	301.85	130	48.833989	-86.924775	55993.39	56244.4	5.60	55998.99	55980.41797	56000.76146	55983.52344	505520.4	5409004.1
L5520.0	505520.3	5409005.7	14982.79981	300.16	130	48.834003	-86.924776	55992.83	56244.4	5.59	55998.43	55979.80469	55994.26943	55976.98438	505520.3	5409005.7
L5520.0	505520.2	5409007.5	14982.90039	297.47	130	48.834019	-86.924777	55992.38	56244.4	5.59	55997.97	55979.29688	55989.62866	55972.29688	505520.2	5409007.5
L5520.0	505520.2	5409007.5	14983.00000	296.42	130	48.834019	-86.924777	55992.13	56244.4	5.59	55997.71	55978.98438	55989.01062	55971.63281	505520.2	5409007.5
L5520.0	505520.2	5409008.9	14983.00000	296.42	130	48.834032	-86.924778	55991.77	56244.4	5.59	55997.36	55978.58203	55985.85344	55968.42188	505520.2	5409008.9
L5520.0	505520.1	5409010.2	14983.20020	298.46	130	48.834044	-86.924779	55991.70	56244.4	5.59	55997.28	55978.44922	55989.17206	55971.69141	505520.1	5409010.2
L5520.0	505520.1	5409011.6	14983.29981	298.35	130	48.834056	-86.924780	55991.59	56244.4	5.59	55997.18	55978.29688	55992.30671	55974.77344	505520.1	5409011.6
L5520.0	505520.1	5409011.6	14983.40039	300.60	130	48.834056	-86.924780	55991.52	56244.4	5.59	55997.11	55978.17188	55996.78243	55979.19922	505520.1	5409011.6
L5520.0	505520.0	5409013.2	14983.50000	301.89	130	48.834070	-86.924781	55991.06	56244.4	5.59	55996.65	55977.65625	55988.91770	55971.28125	505520.0	5409013.2
L5520.0	505519.9	5409014.7	14983.59961	304.04	130	48.834085	-86.924781	55991.12	56244.4	5.59	55996.71	55977.66016	55993.26869	55975.57422	505519.9	5409014.7
L5520.0	505519.9	5409016.1	14983.70020	304.63	130	48.834097	-86.924782	55990.66	56244.4	5.59	55996.25	55977.14063	55989.56090	55971.80859	505519.9	5409016.1
L5520.0	505519.9	5409016.1	14983.79981	311.51	130	48.834097	-86.924782	55990.50	56244.4	5.59	55996.09	55976.92188	55990.84097	55973.03516	505519.9	5409016.1
L5520.0	505519.9	5409017.4	14983.90039	315.57	130	48.834109	-86.924782	55990.10	56244.4	5.59	55995.69	55976.46484	55987.87442	55970.00781	505519.9	5409017.4
L5520.0	505519.9	5409019.0	14984.00000	322.28	130	48.834123	-86.924782	55989.80	56244.4	5.59	55995.39	55976.10156	55986.69004	55968.76172	505519.9	5409019.0
L5520.0	505519.9	5409019.0	14984.09961	325.15	130	48.834123	-86.924782	55989.54	56244.4	5.59	55995.13	55975.78125	55986.34177	55968.35156	505519.9	5409019.0
L5520.0	505519.9	5409021.7	14984.20020	326.99	130	48.834147	-86.924782	55989.34	56244.4	5.59	55994.93	55975.51953	55987.34146	55969.28906	505519.9	5409021.7
L5520.0	505519.9	5409021.7	14984.29981	324.36	130	48.834147	-86.924782	55988.89	56244.4	5.58	55994.47	55974.99609	55982.95687	55964.83984	505519.9	5409021.7
L5520.0	505519.9	5409023.3	14984.40039	322.21	130	48.834161	-86.924782	55988.81	56244.4	5.58	55994.39	55974.85156	55986.75068	55968.57031	505519.9	5409023.3
L5520.0	505519.9	5409024.8	14984.50000	319.89	130	48.834175	-86.924781	55988.64	56244.4	5.58	55994.22	55974.61719	55988.74657	55970.49609	505519.9	5409024.8
L5520.0	505519.9	5409024.8	14984.59961	319.17	101.77	48.834175	-86.924781	55988.68	56244.4	5.58	55994.26	55974.58984	55995.32534	55977.00391	505519.9	5409024.8
L5520.0	505519.9	5409026.2	14984.70020	314.98	102.19	48.834188	-86.924781	55988.13	56244.4	5.58	55993.71	55973.97266	55989.24905	55970.85938	505519.9	5409026.2
L5520.0	505519.9	5409026.2	14984.79981	312.95	102.19	48.834188	-86.924781	55987.85	56244.4	5.57	55993.42	55973.61719	55988.81514	55970.35547	505519.9	5409026.2
L5520.0	505520.0	5409029.0	14984.90039	309.92	103.18	48.834213	-86.924780	55987.17	56244.4	5.57	55992.74	55972.86719	55980.40840	55961.87500	505520.0	5409029.0
L5520.0	505520.0	5409029.0	14985.00000	309.22	103.18	48.834213	-86.924780	55986.96	56244.4	5.57	55992.53	55972.58594	55981.80937	55963.19922	505520.0	5409029.0
L5520.0	505520.0	5409030.5	14985.00000	309.22	101.79	48.834227	-86.924780	55986.56	56244.4	5.57	55992.13	55972.11328	55979.40766	55960.72266	505520.0	5409030.5
L5520.0	505520.1	5409031.9	14985.20020	307.80	101.79	48.834239	-86.924780	55986.43	56244.4	5.57	55992.01	55971.92188	55982.51653	55963.75391	505520.1	5409031.9

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5520.0	505520.1	5409033.1	14985.29981	306.26	99.61	48.834249	-86.924779	55985.90	56244.4	5.58	55991.47	55971.30859	55977.43210	55958.58984	505520.1	5409033.1
L5520.0	505520.1	5409034.2	14985.40039	306.08	94.81	48.834259	-86.924779	55985.82	56244.4	5.58	55991.40	55971.16406	55981.33274	55962.41016	505520.1	5409034.2
L5520.0	505520.1	5409034.2	14985.50000	305.41	94.81	48.834259	-86.924779	55985.42	56244.4	5.58	55991.00	55970.69141	55978.79943	55959.79297	505520.1	5409034.2
L5520.0	505520.1	5409036.0	14985.59961	303.33	91.59	48.834275	-86.924779	55985.24	56244.4	5.58	55990.82	55970.43359	55980.40974	55961.31641	505520.1	5409036.0
L5520.0	505520.1	5409037.4	14985.70020	302.24	91.59	48.834288	-86.924778	55984.89	56244.4	5.58	55990.47	55970.00391	55978.58995	55959.41016	505520.1	5409037.4
L5520.0	505520.1	5409038.6	14985.79981	302.79	86.19	48.834299	-86.924778	55985.02	56244.4	5.59	55990.61	55970.06641	55986.86653	55967.60156	505520.1	5409038.6
L5520.0	505520.2	5409039.9	14985.90039	304.15	88.93	48.834311	-86.924778	55984.74	56244.4	5.59	55990.33	55969.70703	55986.68102	55967.32813	505520.2	5409039.9
L5520.0	505520.2	5409041.5	14986.00000	304.96	90.38	48.834326	-86.924778	55984.66	56244.4	5.59	55990.25	55969.54688	55991.15029	55971.70703	505520.2	5409041.5
L5520.0	505520.2	5409041.5	14986.09961	309.64	90.38	48.834326	-86.924778	55984.16	56244.4	5.59	55989.75	55968.96484	55985.96284	55966.42578	505520.2	5409041.5
L5520.0	505520.2	5409042.7	14986.20020	315.70	91.96	48.834336	-86.924778	55983.75	56244.4	5.58	55989.34	55968.47266	55982.60234	55962.96875	505520.2	5409042.7
L5520.0	505520.2	5409044.3	14986.29981	320.18	92.83	48.834351	-86.924778	55983.20	56244.4	5.58	55988.77	55967.82031	55975.40677	55955.67969	505520.2	5409044.3
L5520.0	505520.2	5409045.8	14986.40039	323.86	92.83	48.834364	-86.924777	55982.87	56244.4	5.57	55988.44	55967.40234	55973.97168	55954.14844	505520.2	5409045.8
L5520.0	505520.2	5409046.9	14986.50000	326.20	91.56	48.834374	-86.924777	55982.52	56244.4	5.57	55988.09	55966.96875	55972.19368	55952.26953	505520.2	5409046.9
L5520.0	505520.2	5409046.9	14986.59961	327.90	91.56	48.834374	-86.924777	55982.41	56244.4	5.57	55987.98	55966.76953	55975.03636	55955.01172	505520.2	5409046.9
L5520.0	505520.2	5409048.6	14986.70020	329.83	89.65	48.834389	-86.924777	55982.11	56244.4	5.56	55987.67	55966.37109	55974.28897	55954.16016	505520.2	5409048.6
L5520.0	505520.2	5409049.9	14986.79981	331.21	83.57	48.834401	-86.924778	55982.00	56244.4	5.56	55987.56	55966.17188	55977.73701	55957.50391	505520.2	5409049.9
L5520.0	505520.2	5409051.4	14986.90039	333.49	83.57	48.834414	-86.924777	55981.50	56244.4	5.55	55987.05	55965.57422	55973.17104	55952.83203	505520.2	5409051.4
L5520.0	505520.2	5409051.4	14987.00000	332.31	80.66	48.834414	-86.924777	55981.30	56244.4	5.55	55986.85	55965.28125	55975.16348	55954.71875	505520.2	5409051.4
L5520.0	505520.2	5409053.0	14987.00000	332.31	80.66	48.834429	-86.924777	55980.79	56244.4	5.55	55986.34	55964.67969	55970.72159	55950.16406	505520.2	5409053.0
L5520.0	505520.2	5409054.6	14987.20020	328.53	81.01	48.834443	-86.924777	55980.29	56244.4	5.55	55985.84	55964.08594	55966.60736	55945.94141	505520.2	5409054.6
L5520.0	505520.2	5409055.9	14987.29981	325.58	81.51	48.834455	-86.924777	55979.83	56244.4	5.55	55985.39	55963.54297	55963.76534	55942.98438	505520.2	5409055.9
L5520.0	505520.2	5409057.1	14987.40039	324.14	81.51	48.834466	-86.924777	55979.88	56244.4	5.55	55985.43	55963.48828	55971.65029	55950.75781	505520.2	5409057.1
L5520.0	505520.2	5409058.5	14987.50000	324.01	78.61	48.834478	-86.924777	55979.48	56244.4	5.56	55985.03	55962.99219	55970.26640	55949.25781	505520.2	5409058.5
L5520.0	505520.2	5409058.5	14987.59961	323.79	83.89	48.834478	-86.924777	55979.61	56244.4	5.56	55985.16	55963.02344	55980.07743	55958.94922	505520.2	5409058.5
L5520.0	505520.2	5409060.1	14987.70020	322.48	83.89	48.834492	-86.924777	55979.00	56244.4	5.56	55984.55	55962.31641	55974.63862	55953.39063	505520.2	5409060.1
L5520.0	505520.2	5409060.1	14987.79981	320.52	75.49	48.834492	-86.924777	55978.74	56244.4	5.56	55984.30	55961.96484	55976.68121	55955.31250	505520.2	5409060.1
L5520.0	505520.2	5409063.0	14987.90039	318.64	75.49	48.834519	-86.924778	55978.21	56244.4	5.56	55983.77	55961.33594	55973.38949	55951.89844	505520.2	5409063.0
L5520.0	505520.2	5409063.0	14988.00000	314.92	79.33	48.834519	-86.924778	55978.06	56244.4	5.56	55983.62	55961.08594	55977.42580	55955.80859	505520.2	5409063.0
L5520.0	505520.1	5409064.3	14988.09961	313.40	82.71	48.834530	-86.924778	55977.53	56244.4	5.56	55983.09	55960.45313	55974.52914	55952.78516	505520.1	5409064.3
L5520.0	505520.1	5409065.8	14988.20020	313.55	82.71	48.834544	-86.924778	55977.28	56244.4	5.56	55982.84	55960.10156	55976.75407	55954.87891	505520.1	5409065.8
L5520.0	505520.1	5409067.2	14988.29981	314.30	85.5	48.834557	-86.924778	55976.74	56244.4	5.56	55982.30	55959.45703	55972.72579	55950.72266	505520.1	5409067.2
L5520.0	505520.1	5409067.2	14988.40039	313.22	85.5	48.834557	-86.924778	55976.44	56244.4	5.56	55982.00	55959.05078	55974.85414	55952.71875	505520.1	5409067.2
L5520.0	505520.1	5409068.8	14988.50000	313.06	85.5	48.834571	-86.924778	55975.91	56244.4	5.56	55981.47	55958.41797	55971.24801	55948.98047	505520.1	5409068.8
L5520.0	505520.1	5409070.4	14988.59961	315.39	87.1	48.834585	-86.924778	55975.84	56244.4	5.56	55981.40	55958.24219	55979.24533	55956.83984	505520.1	5409070.4
L5520.0	505520.1	5409071.8	14988.70020	316.72	84.47	48.834598	-86.924778	55975.48	56244.4	5.56	55981.04	55957.77344	55980.12231	55957.58203	505520.1	5409071.8
L5520.0	505520.1	5409071.8	14988.79981	316.62	85.75	48.834598	-86.924778	55975.02	56244.4	5.56	55980.58	55957.20313	55978.81616	55956.13672	505520.1	5409071.8
L5520.0	505520.1	5409074.6	14988.90039	314.42	85.75	48.834623	-86.924778	55974.39	56244.4	5.56	55979.95	55956.46484	55973.81975	55951.00000	505520.1	5409074.6
L5520.0	505520.1	5409074.6	14989.00000	313.95	86.93	48.834623	-86.924778	55973.96	56244.4	5.56	55979.52	55955.92578	55973.74850	55950.78516	505520.1	5409074.6
L5520.0	505520.1	5409076.2	14989.00000	313.95	86.93	48.834637	-86.924778	55973.84	56244.4	5.56	55979.40	55955.69531	55980.96458	55957.85938	505520.1	5409076.2
L5520.0	505520.1	5409077.5	14989.20020	312.89	78.01	48.834649	-86.924778	55973.43	56244.4	5.56	55978.99	55955.17578	55981.77970	55958.52734	505520.1	5409077.5
L5520.0	505520.1	5409078.9	14989.29981	311.15	78.01	48.834662	-86.924778	55972.57	56244.4	5.56	55978.13	55954.20313	55972.69383	55949.29688	505520.1	5409078.9
L5520.0	505520.1	5409078.9	14989.40039	310.39	77.41	48.834662	-86.924778	55972.04	56244.4	5.56	55977.60	55953.55859	55971.36175	55947.81641	505520.1	5409078.9
L5520.0	505520.1	5409080.6	14989.50000	311.59	77.41	48.834677	-86.924778	55971.46	56244.4	5.56	55977.02	55952.86719	55969.18171	55945.48438	505520.1	5409080.6
L5520.0	505520.1	5409082.0	14989.59961	313.63	77.71	48.834689	-86.924778	55970.80	56244.4	5.56	55976.36	55952.09375	55965.47336	55941.62500	505520.1	5409082.0
L5520.0	505520.1	5409083.5	14989.70020	313.08	80.8	48.834703	-86.924778	55970.29	56244.4	5.56	55975.85	55951.46875	55965.47414	55941.47266	505520.1	5409083.5
L5520.0	505520.1	5409083.5	14989.79981	315.45	80.8	48.834703	-86.924778	55969.84	56244.4	5.56	55975.40	55950.90234	55967.18659	55943.02734	505520.1	5409083.5
L5520.0	505520.1	5409084.9	14989.90039	315.45	79.21	48.834716	-86.924778	55969.51	56244.4	5.56	55975.07	55950.45703	55972.03755	55947.72266	505520.1	5409084.9
L5520.0	505520.1	5409086.6	14990.00000	316.89	79.21	48.834731	-86.924778	55969.08	56244.4	5.56	55974.64	55949.91016	55974.98858	55950.51563	505520.1	5409086.6
L5520.0	505520.1	5409086.6	14990.09961	316.08	82.36	48.834731	-86.924778	55968.63	56244.4	5.56	55974.19	55949.34375	55977.88773	55953.25391	505520.1	5409086.6
L5520.0	505520.1	5409087.9	14990.20020	316.56	82.36	48.834743	-86.924778	55967.79	56244.4	5.56	55973.35	55948.38281	55972.05340	55947.25781	505520.1	5409087.9
L5520.0	505520.1	5409089.3	14990.29981	315.22	83.31	48.834756	-86.924778	55967.41	56244.4	5.56	55972.97	55947.88672	55977.42275	55952.46484	505520.1	5409089.3
L5520.0	505520.1	5409089.3	14990.40039	315.22	80.93	48.834756	-86.924778	55966.50	56244.4	5.56	55972.06	55946.85547	55970.67429	55945.55078	505520.1	5409089.3
L5520.0	505520.1	5409090.8	14990.50000	315.30	78.78	48.834769	-86.924778	55965.77	56244.4	5.57	55971.33	55946.00781	55968.57835	55943.28516	505520.1	5409090.8
L5520.0	505520.1	5409092.2	14990.59961	315.26	78.78	48.834781	-86.924778	55965.04	56244.4	5.57	55970.60	55945.15625	55966.89869	55941.43750	505520.1	5409092.2
L5520.0	505520.1	5409093.5	14990.70020	315.68	77.99	48.834793	-86.924778	55964.50	56244.4	5.57	55970.07	55944.50781	55970.48312	55944.85156	505520.1	5409093.5
L5520.0	505520.1	5409095.1	14990.79981	314.70	77.99	48.834807	-86.924778	55963.57	56244.4	5.57	55969.13	55943.44531	55964.61116	55938.80859	505520.1	5409095.1
L5520.0	505520.1	5409096.9	14990.90039	315.98	78.19	48.834824	-86.924778	55963.14	56244.4	5.57	55968.71	55942.90625	55971.83835	55945.86328	505520.1	5409096.9
L5520.0	505520.1	5409096.9	14991.00000	315.66	79.44	48.834824	-86.924778	55962.18	56244.4	5.57	55967.75	55941.82422	55966.38090	55940.23047	505520.1	5409096.9
L5520.0	505520.1	5409098.3	14991.00000	315.66	79.44	48.834836	-86.924778	55961.62	56244.4	5.57	55967.19	55941.14063	55971.21261	55944.88281	505520.1	5409098.3
L5520.0	505520.1	5409099.5	14991.20020	316.33	78.91	48.834847	-86.924778	55960.45	56244.4	5.57	55966.02	55939.84766	55961.51144	55935.00391	505520.1	5409099.5
L5520.0	505520.1	5409100.8	14991.29981	316.51	78.91	48.834859	-86.924778	55959.64	56244.4	5.57	55965.21	55938.91797	55961.17947	55934.49219	505520.1	5409100.8
L5520.0	505520.1	5409102.3	14991.40039	314.67	78.69	48.834872	-86.924777	55958.66	56244.4	5.57	55964.23	55937.81250	55957.14708	55930.28125	505520.1	5409102.3
L5520.0	505520.1	5409102.3	14991.50000	315.71	75.32	48.834872	-86.924777	55958.00	56244.4	5.57	55963.57	55937.03125	55961.58561	55934.53516	505520.1	5409102.3
L5520.0	505520.1	5409103.9	14991.59961	316.27	75.32	48.834887	-86.924777	55957.02	56244.4	5.57	55962.59	55935.92578	55958.61008	55931.37500	505520.1	5409103.9
L5520.0	505520.1	5409104.8	14991.70020	316.43	79.8	48.834894	-86.924777	55956.26	56244.4	5.57	55961.83	55935.04297	55961.63519	55934.21484	505520.1	5409104.8
L5520.0	505520.1	5409106.2	14991.79981	314.36	79.8	48.834907	-86.924777	55955.17	56244.4	5.57	55960.74	55933.82813	55957.02174	55929.41406	505520.1	5409106.2
L5520.0	505520.1	5409107.5	14991.90039	316.52	78.71	48.834919	-86.924778	55954.28	56244.4	5.57	55959.85	55932.81250	55957.91088	55930.11328	505520.1	5409107.5
L5520.0	505520.1	5409107.5	14992.00000	317.63	80.28	48.834919	-86.924778	55953.12	56244.4	5.57	55958.69	55931.53125	55952.71431	55924.72266	505520.1	5409107.5
L5520.0	505520.1	5409109.9	14992.09961	319.81	80.28	48.834941	-86.924778	55952.23	56244.4	5.57	55957.80	55930.51563	55954.70216	55926.51953	505520.1	5409109.9
L5520.0	505520.1	5409111.3	14992.20020	316.53	80.05	48.834953	-86.924778	55951.04	56244.4	5.57	55956.61	55929.19922	55949.94088	55921.56250	505520.1	5409111.3
L5520.0	505520.1	5409111.3	14992.29981	316.72	80.05	48.834953	-86.924778	55950.26	56244.4	5.57	55955.83	55928.29688	55955.65216	55927.08203	505520.1	5409111.3
L5520.0	505520.1	5409113.1	14992.40039	315.22	79.09	48.834970	-86.924778	55949.13	56244.4	5.57	55954.70	55927.03906	55953.46039	55924.69141	505520.1	5409113.1
L5520.0	505520.1	5409114.5	14992.50000	317.70	77.82	48.834982	-86.924778	55948.14	56244.4	5.57	55953.71	55925.92578	55955.16684	55926.19922	505520.1	5409114.5
L5520.0	505520.1	5409114.5	14992.59961	318.92	77.82	48.834982	-86.924778	55946.87	56244.4	5.57	55952.44	55924.53125	55950.77176	55921.60547	505520.1	5409114.5
L5520.0	505520.1	5409115.7	14992.70020	318.67	77.82	48.834992	-86.924778	55945.76	56244.4	5.57	55951.33	55923.29688	55950.73169	55921.36328	505520.1	5409115.7
L5520.0	505520.1	5409117.3	14992.79981	316.60	70.4	48.835007	-86.924778	55944.39	56244.4	5.57	55949.96	55921.80078	55945.11938	55915.54688	505520.1	5409117.3
L5520.0	505520.0	5409118.7	14992.90039	313.92	71.33	48.835019	-86.924779	55943.18	56244.4	5.57	55948.75	55920.46484	55943.83131	55914.05469	505520.0	5409118.7
L5520.0	505520.0	5409120.3	14993.00000	313.32	71.33	48.835034	-86.924779	55941.82	56244.4	5.57	55947.39	55918.98047	55939.55885	55909.57813	505520.0	5409120.3
L5520.0	505520.0	5409120.3	14993.00000	313.32	79.68	48.835034	-86.924779	55940.77	56244.4	5.57	55946.34	55917.80469	55943.13240	55912.94141	505520.0	5409120.3
L5520.0	505520.0	5409121.6	14993.20020	312.16	79.68	48.835046	-86.924779	55939.43	56244.4	5.57	55945.00	55916.34375	55940.41464	55910.01563	505520.0	5409121.6
L5520.0	505520.0	5409122.8	14993.29981	312.45	78.94	48.835057	-86.924779	55937.99	56244.4	5.57	55943.56	55914.77734	55935.84581	55905.23828	505520.0	5409122.8
L5520.0	505520.0	5409124.2	14993.40039	312.51	78.94	48.835069	-86.924779	55936.66	56244.4	5.57	55942.23	55913.32422	55934.41447	55903.59766	505520.0	5409124.2
L5520.0	505520.0	5409125.6	14993.50000	313.46	76.25	48.835081	-86.924780	55935.62	56244.4	5.57	55941.19	55912.16016	55940.53665	55909.50781	505520.0	5409125.6
L5520.0	505520.0	5409125.6	14993.59961	314.66	79.28	48.835081	-86.924780	55934.18	56244.4	5.57	55939.75	55910.59375	55937.56952	55906.32422	505520.0	5409125.6
L5520.0	505519.9	5409127.2	14993.70020	314.16	79.28	48.835096	-86.924780	55932.68	56244.4	5.57	55938.25	55908.97266	55933.63093	55902.17188	505519.9	5409127.2
L5520.0	505519.9	5409127.2	14993.79981	316.55	79.61	48.835096	-86.924780	55931.26	56244.4	5.57	55936.83	55907.42969	55932.16891	55900.49609	505519.9	5409127.2
L5520.0	505519.9	5409129.2	14993.90039	316.43	79.61	48.835114	-86.924780	55929.88	56244.4	5.57	55935.45	55905.92578	55932.24597	55900.35547	505519.9	5409129.2
L5520.0	505519.9	5409130.8	14994.00000	317.53	77.85	48.835128	-86.924780	55928.16	56244.4	5.57	55933.73	55904.08203	55924.19466	55892.08203	505519.9	5409130.8
L5520.0	505519.9	5409132.3	14994.09961	317.84	80.01	48.835142	-86.924780	55926.36	56244.4	5.57	55931.93	55902.16016	55914.43139	55882.09766	505519.9	5409132.3
L5520.0	505519.9	5409133.7	14994.20020	319.80	80.01	48.835155	-86.924780	55924.92	56244.4	5.57	55930.49	55900.59766	55914.40750	55881.85547	505519.9	5409133.7
L5520.0	505519.9	5409133.7	14994.29981	319.35	80.33	48.835155	-86.924780	55923.45	56244.4	5.57	55929.01	55898.99609	55913.86708	55881.09375	505519.9	5409133.7
L5520.0	505519.9	5409135.3	14994.40039	321.34	80.33	48.835169	-86.924780	55922.04	56244.4	5.57	55927.60	55897.46484	55919.00499	55886.00781	505519.9	5409135.3
L5520.0	505519.9	5409136.9	14994.50000	319.68	78.69	48.835183	-86.924780	55920.39	56244.4	5.57	55925.95	55895.69531	55915.34515	55882.12500	505519.9	5409136.9

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5520.0	505519.9	5409136.9	14994.59961	319.25	78.69	48.835183	-86.924780	55918.79	56244.4	5.56	55924.36	55893.98438	55912.93758	55879.48828	505519.9	5409136.9
L5520.0	505519.9	5409138.3	14994.70020	317.58	79.08	48.835196	-86.924780	55917.10	56244.4	5.56	55922.66	55892.16406	55908.89842	55875.22656	505519.9	5409138.3
L5520.0	505519.9	5409139.5	14994.79981	318.82	77.86	48.835206	-86.924781	55915.58	56244.4	5.56	55921.14	55890.52344	55908.16757	55874.26953	505519.9	5409139.5
L5520.0	505519.9	5409140.8	14994.90039	317.29	77.86	48.835218	-86.924781	55913.68	56244.4	5.56	55919.24	55888.50391	55901.17025	55867.04297	505519.9	5409140.8
L5520.0	505519.8	5409142.4	14995.00000	318.86	75.05	48.835233	-86.924781	55912.29	56244.4	5.56	55917.85	55886.99609	55903.11760	55868.76172	505519.8	5409142.4
L5520.0	505519.8	5409143.5	14995.00000	318.86	75.35	48.835243	-86.924781	55910.65	56244.4	5.56	55916.21	55885.23828	55900.99246	55866.40625	505519.8	5409143.5
L5520.0	505519.8	5409144.7	14995.20020	318.99	75.35	48.835254	-86.924781	55909.00	56244.4	5.56	55914.56	55883.47266	55898.88308	55864.06641	505519.8	5409144.7
L5520.0	505519.8	5409145.8	14995.29981	318.91	73.48	48.835263	-86.924781	55906.96	56244.4	5.56	55912.51	55881.30469	55890.22655	55855.17969	505519.8	5409145.8
L5520.0	505519.8	5409145.8	14995.40039	318.80	77.44	48.835263	-86.924781	55905.11	56244.4	5.56	55910.67	55879.35156	55881.10471	55845.82422	505519.8	5409145.8
L5520.0	505519.8	5409147.4	14995.50000	318.73	77.44	48.835278	-86.924781	55903.29	56244.4	5.56	55908.84	55877.40625	55875.80315	55840.28906	505519.8	5409147.4
L5520.0	505519.8	5409148.6	14995.59961	317.26	72.78	48.835288	-86.924781	55901.70	56244.4	5.55	55907.25	55875.69922	55876.97565	55841.23047	505519.8	5409148.6
L5520.0	505519.8	5409150.0	14995.70020	314.94	72.78	48.835301	-86.924781	55899.92	56244.4	5.55	55905.47	55873.80859	55873.33501	55837.35547	505519.8	5409150.0
L5520.0	505519.8	5409150.0	14995.79981	314.32	72.31	48.835301	-86.924781	55898.38	56244.4	5.55	55903.94	55872.16406	55876.15733	55839.94531	505519.8	5409150.0
L5520.0	505519.9	5409151.6	14995.90039	314.03	72.31	48.835316	-86.924781	55896.59	56244.4	5.55	55902.14	55870.25000	55872.16357	55835.71875	505519.9	5409151.6
L5520.0	505519.9	5409153.2	14996.00000	313.76	78.23	48.835330	-86.924781	55895.14	56244.4	5.55	55900.70	55868.69922	55877.10993	55840.42969	505519.9	5409153.2
L5520.0	505519.8	5409154.5	14996.09961	315.27	78.82	48.835342	-86.924781	55893.18	56244.4	5.55	55898.73	55866.62109	55868.95019	55832.03125	505519.8	5409154.5
L5520.0	505519.8	5409156.1	14996.20020	314.67	79.15	48.835356	-86.924781	55891.63	56244.4	5.55	55897.18	55864.96094	55870.96754	55833.81641	505519.8	5409156.1
L5520.0	505519.8	5409156.1	14996.29981	315.54	80.85	48.835356	-86.924781	55889.81	56244.4	5.55	55895.36	55863.03125	55866.37614	55828.98828	505519.8	5409156.1
L5520.0	505519.8	5409158.0	14996.40039	314.67	80.85	48.835373	-86.924781	55888.14	56244.4	5.55	55893.70	55861.26172	55865.45098	55827.82813	505519.8	5409158.0
L5520.0	505519.8	5409159.6	14996.50000	315.80	80.85	48.835387	-86.924781	55886.42	56244.4	5.56	55891.97	55859.42578	55862.69965	55824.83984	505519.8	5409159.6
L5520.0	505519.8	5409159.6	14996.59961	314.29	84.16	48.835387	-86.924781	55884.82	56244.4	5.56	55890.38	55857.73047	55862.95231	55824.85938	505519.8	5409159.6
L5520.0	505519.8	5409160.9	14996.70020	314.05	84.16	48.835400	-86.924781	55883.00	56244.4	5.56	55888.56	55855.80469	55857.70248	55819.37500	505519.8	5409160.9
L5520.0	505519.8	5409162.3	14996.79981	313.24	83.26	48.835412	-86.924780	55881.25	56244.4	5.56	55886.81	55853.95313	55853.80325	55815.23828	505519.8	5409162.3
L5520.0	505519.8	5409162.3	14996.90039	313.97	83.07	48.835412	-86.924780	55879.52	56244.4	5.56	55885.08	55852.11719	55850.06462	55811.26563	505519.8	5409162.3
L5520.0	505519.9	5409164.2	14997.00000	311.16	83.07	48.835429	-86.924780	55877.79	56244.4	5.56	55883.35	55850.28516	55846.00269	55806.96875	505519.9	5409164.2
L5520.0	505519.9	5409165.6	14997.00000	311.16	82.23	48.835442	-86.924780	55876.17	56244.4	5.56	55881.73	55848.56641	55843.98532	55804.71875	505519.9	5409165.6
L5520.0	505519.9	5409167.3	14997.20020	312.69	82.23	48.835456	-86.924780	55874.38	56244.4	5.56	55879.94	55846.67578	55837.87527	55798.37500	505519.9	5409167.3
L5520.0	505519.9	5409167.3	14997.29981	313.83	75.42	48.835456	-86.924780	55872.94	56244.4	5.56	55878.50	55845.13672	55838.88788	55799.15625	505519.9	5409167.3
L5520.0	505519.9	5409168.5	14997.40039	315.12	75.42	48.835468	-86.924780	55871.21	56244.4	5.56	55876.77	55843.30859	55833.20577	55793.24219	505519.9	5409168.5
L5520.0	505519.9	5409169.8	14997.50000	315.05	77.41	48.835479	-86.924780	55869.90	56244.4	5.56	55875.46	55841.90234	55835.94797	55795.75391	505519.9	5409169.8
L5520.0	505519.9	5409171.5	14997.59961	313.66	70.25	48.835495	-86.924780	55868.18	56244.4	5.56	55873.74	55840.08984	55829.49176	55789.06641	505519.9	5409171.5
L5520.0	505519.9	5409171.5	14997.70020	313.15	70.25	48.835495	-86.924780	55866.87	56244.4	5.56	55872.43	55838.68359	55831.07764	55790.42188	505519.9	5409171.5
L5520.0	505519.9	5409173.1	14997.79981	313.67	67.33	48.835509	-86.924780	55865.32	56244.4	5.56	55870.88	55837.04297	55827.06505	55786.18359	505519.9	5409173.1
L5520.0	505519.9	5409174.4	14997.90039	310.80	70.4	48.835521	-86.924780	55863.98	56244.4	5.56	55869.54	55835.61328	55826.76898	55785.66016	505519.9	5409174.4
L5520.0	505519.9	5409176.0	14998.00000	311.58	70.4	48.835535	-86.924780	55862.48	56244.4	5.56	55868.04	55834.01953	55822.54424	55781.20703	505519.9	5409176.0
L5520.0	505519.9	5409176.0	14998.09961	311.76	85.24	48.835535	-86.924780	55861.22	56244.4	5.56	55866.78	55832.67188	55822.52179	55780.96094	505519.9	5409176.0
L5520.0	505519.9	5409177.4	14998.20020	313.42	85.24	48.835548	-86.924780	55859.76	56244.4	5.56	55865.32	55831.12500	55817.75978	55775.97656	505519.9	5409177.4
L5520.0	505519.9	5409179.0	14998.29981	313.02	84.82	48.835562	-86.924779	55858.46	56244.4	5.56	55864.03	55829.75000	55815.68758	55773.68359	505519.9	5409179.0
L5520.0	505519.9	5409180.4	14998.40039	313.31	84.39	48.835575	-86.924779	55857.13	56244.4	5.56	55862.69	55828.32813	55811.86914	55769.64844	505519.9	5409180.4
L5520.0	505519.9	5409180.4	14998.50000	313.03	84.39	48.835575	-86.924779	55856.19	56244.4	5.56	55861.75	55827.30469	55815.11040	55772.66797	505519.9	5409180.4
L5520.0	505520.0	5409182.0	14998.59961	314.14	80.61	48.835589	-86.924779	55854.95	56244.4	5.57	55860.52	55825.99219	55811.81517	55769.15625	505520.0	5409182.0
L5520.0	505520.0	5409183.4	14998.70020	313.41	77.51	48.835602	-86.924779	55853.98	56244.4	5.57	55859.55	55824.94141	55812.69435	55769.82422	505520.0	5409183.4
L5520.0	505520.0	5409183.4	14998.79981	311.94	77.51	48.835602	-86.924779	55852.81	56244.4	5.57	55858.37	55823.68359	55808.61916	55765.53906	505520.0	5409183.4
L5520.0	505520.0	5409185.3	14998.90039	309.55	80.71	48.835619	-86.924778	55851.99	56244.4	5.57	55857.56	55822.79688	55810.70355	55767.41406	505520.0	5409185.3
L5520.0	505520.0	5409186.9	14999.00000	308.24	81.25	48.835633	-86.924778	55851.03	56244.4	5.57	55856.60	55821.76172	55808.94517	55765.44531	505520.0	5409186.9
L5520.0	505520.0	5409188.3	14999.00000	308.24	81.25	48.835645	-86.924778	55850.35	56244.4	5.57	55855.92	55821.00781	55811.51362	55767.80859	505520.0	5409188.3
L5520.0	505520.1	5409189.7	14999.20020	308.20	85.7	48.835658	-86.924777	55849.28	56244.4	5.57	55854.86	55819.87891	55805.86705	55761.96094	505520.1	5409189.7
L5520.0	505520.1	5409189.7	14999.29981	309.07	85.7	48.835658	-86.924777	55848.58	56244.4	5.58	55854.15	55819.09766	55805.81791	55761.71484	505520.1	5409189.7
L5520.0	505520.1	5409191.0	14999.40039	309.02	88.52	48.835670	-86.924777	55847.92	56244.4	5.58	55853.50	55818.37891	55805.86601	55761.56641	505520.1	5409191.0
L5520.0	505520.1	5409192.2	14999.50000	310.93	85.37	48.835681	-86.924777	55847.34	56244.4	5.58	55852.92	55817.73438	55806.19687	55761.70313	505520.1	5409192.2
L5520.0	505520.1	5409193.6	14999.59961	310.04	85.54	48.835693	-86.924777	55846.52	56244.4	5.58	55852.10	55816.84766	55800.96657	55756.28125	505520.1	5409193.6
L5520.0	505520.1	5409195.2	14999.70020	312.12	85.54	48.835708	-86.924776	55845.92	56244.4	5.58	55851.50	55816.18359	55798.84822	55753.97266	505520.1	5409195.2
L5520.0	505520.1	5409196.7	14999.79981	311.12	89.75	48.835721	-86.924776	55845.36	56244.4	5.59	55850.95	55815.57422	55796.65422	55751.59766	505520.1	5409196.7
L5520.0	505520.1	5409196.7	14999.90039	312.07	89.75	48.835721	-86.924776	55845.14	56244.4	5.59	55850.73	55815.29688	55799.66699	55754.42969	505520.1	5409196.7
L5520.0	505520.2	5409198.6	15000.00000	312.08	90.14	48.835738	-86.924775	55844.70	56244.4	5.59	55850.29	55814.79688	55797.55726	55752.14063	505520.2	5409198.6
L5520.0	505520.2	5409199.4	15000.09961	311.90	90.96	48.835746	-86.924775	55844.45	56244.4	5.59	55850.04	55814.49219	55797.97563	55752.38281	505520.2	5409199.4
L5520.0	505520.2	5409200.9	15000.20020	310.29	90.96	48.835759	-86.924775	55844.18	56244.4	5.58	55849.76	55814.16016	55796.84235	55751.08203	505520.2	5409200.9
L5520.0	505520.2	5409200.9	15000.29981	312.15	78.79	48.835759	-86.924775	55843.92	56244.4	5.58	55849.50	55813.84766	55795.11772	55749.19141	505520.2	5409200.9
L5520.0	505520.3	5409202.5	15000.40039	312.01	80.43	48.835773	-86.924774	55843.54	56244.4	5.58	55849.12	55813.41797	55790.34284	55744.25391	505520.3	5409202.5
L5520.0	505520.3	5409204.7	15000.50000	314.05	80.43	48.835794	-86.924773	55843.44	56244.4	5.57	55849.01	55813.26172	55789.53240	55743.28516	505520.3	5409204.7
L5520.0	505520.3	5409204.7	15000.59961	312.07	89.15	48.835794	-86.924773	55843.68	56244.4	5.57	55849.25	55813.45313	55793.87267	55747.46875	505520.3	5409204.7
L5520.0	505520.4	5409206.4	15000.70020	312.85	83.23	48.835809	-86.924773	55844.02	56244.4	5.57	55849.59	55813.75000	55798.82160	55752.26563	505520.4	5409206.4
L5520.0	505520.4	5409206.4	15000.79981	312.02	83.23	48.835809	-86.924773	55844.27	56244.4	5.57	55849.84	55813.96094	55801.14434	55754.44531	505520.4	5409206.4
L5520.0	505520.4	5409207.8	15000.90039	310.94	86.83	48.835821	-86.924772	55844.51	56244.4	5.56	55850.07	55814.15234	55802.09342	55755.25391	505520.4	5409207.8
L5520.0	505520.5	5409210.4	15001.00000	308.91	86.83	48.835845	-86.924771	55844.91	56244.4	5.56	55850.47	55814.51563	55804.75229	55757.77344	505520.5	5409210.4
L5520.0	505520.5	5409210.4	15001.00000	308.91	82.01	48.835845	-86.924771	55845.29	56244.4	5.56	55850.85	55814.85938	55806.01810	55758.90625	505520.5	5409210.4
L5520.0	505520.5	5409211.7	15001.20020	307.72	82.01	48.835856	-86.924770	55845.97	56244.4	5.56	55851.53	55815.50781	55810.94069	55763.70313	505520.5	5409211.7
L5520.0	505520.6	5409213.3	15001.29981	305.08	83.98	48.835871	-86.924770	55846.42	56244.4	5.57	55851.99	55815.93750	55811.41184	55764.05078	505520.6	5409213.3
L5520.0	505520.6	5409214.3	15001.40039	305.58	87.83	48.835880	-86.924769	55847.19	56244.4	5.57	55852.76	55816.67969	55815.65091	55768.17578	505520.6	5409214.3
L5520.0	505520.7	5409215.7	15001.50000	305.98	87.83	48.835892	-86.924769	55847.74	56244.4	5.57	55853.31	55817.20313	55815.59301	55768.00391	505520.7	5409215.7
L5520.0	505520.7	5409215.7	15001.59961	306.01	90.32	48.835892	-86.924769	55848.32	56244.4	5.57	55853.90	55817.76953	55815.24085	55767.54297	505520.7	5409215.7
L5520.0	505520.7	5409217.3	15001.70020	305.77	90.32	48.835907	-86.924768	55848.81	56244.4	5.57	55854.38	55818.22656	55812.38322	55764.58594	505520.7	5409217.3
L5520.0	505520.7	5409218.8	15001.79981	305.05	90	48.835920	-86.924768	55849.74	56244.4	5.58	55855.32	55819.14844	55815.46369	55767.57031	505520.7	5409218.8
L5520.0	505520.8	5409220.1	15001.90039	305.11	89.55	48.835932	-86.924767	55850.50	56244.4	5.58	55856.08	55819.89453	55815.01449	55767.03125	505520.8	5409220.1
L5520.0	505520.8	5409221.5	15002.00000	307.55	89.55	48.835944	-86.924766	55851.89	56244.4	5.58	55857.47	55821.26953	55822.99772	55774.92578	505520.8	5409221.5
L5520.0	505520.8	5409221.5	15002.09961	307.15	95.16	48.835944	-86.924766	55852.57	56244.4	5.58	55858.15	55821.93750	55819.71169	55771.55859	505520.8	5409221.5
L5520.0	505520.9	5409223.0	15002.20020	308.33	95.16	48.835958	-86.924766	55853.89	56244.4	5.58	55859.47	55823.25000	55825.08263	55776.85938	505520.9	5409223.0
L5520.0	505520.9	5409224.7	15002.29981	309.09	97.19	48.835973	-86.924766	55854.72	56244.4	5.59	55860.31	55824.08203	55822.58817	55774.29688	505520.9	5409224.7
L5520.0	505520.9	5409226.0	15002.40039	311.32	97.19	48.835985	-86.924765	55856.14	56244.4	5.59	55861.73	55825.49609	55828.01632	55779.66016	505520.9	5409226.0
L5520.0	505520.9	5409226.0	15002.50000	312.02	92.18	48.835985	-86.924765	55857.05	56244.4	5.59	55862.64	55826.40625	55825.12818	55776.71875	505520.9	5409226.0
L5520.0	505520.9	5409227.2	15002.59961	311.56	92.18	48.835996	-86.924765	55858.69	56244.4	5.59	55864.28	55828.04688	55832.60910	55784.14844	505520.9	5409227.2
L5520.0	505520.9	5409228.6	15002.70020	310.29	95.7	48.836009	-86.924765	55859.68	56244.4	5.59	55865.27	55829.03906	55829.65271	55781.14844	505520.9	5409228.6
L5520.0	505520.9	5409230.2	15002.79981	310.55	93.95	48.836023	-86.924765	55861.30	56244.4	5.60	55866.90	55830.67578	55835.87891	55787.33594	505520.9	5409230.2
L5520.0	505520.9	5409230.2	15002.90039	309.56	93.95	48.836023	-86.924765	55862.29	56244.4	5.60	55867.88	55831.66406	55831.66140	55783.08594	505520.9	5409230.2
L5520.0	505521.0	5409232.1	15003.00000	307.89	93.24	48.836040	-86.924764	55863.95	56244.4	5.60	55869.55	55833.34375	55837.50123	55788.90234	505521.0	5409232.1
L5520.0	505521.0	5409233.5	15003.00000	307.89	93.24	48.836052	-86.924764	55865.22	56244.4	5.60	55870.82	55834.62891	55836.72612	55788.10938	505521.0	5409233.5
L5520.0	505521.0	5409234.9	15003.20020	308.49	93.43	48.836065	-86.924764	55867.09	56244.4	5.60	55872.70	55836.52344	55844.79230	55796.16016	505521.0	5409234.9
L5520.0	505521.0	5409234.9	15003.29981	308.07	93.25	48.836065	-86.924764	55868.28	56244.4	5.60	55873.88	55837.72266	55841.73018	55793.09375	505521.0	5409234.9
L5520.0	505521.0	5409236.6	15003.40039	307.30	93.25	48.836080	-86.924764	55869.93	56244.4	5.60	55875.53	55839.39453	55845.38903	55796.75391	505521.0	5409236.6
L5520.0	505521.0	5409238.1	15003.50000	307.21	85.84	48.836094	-86.924764	55871.26	56244.4	5.60	55876.87	55840.75781	55843.95432	55795.32813	505521.0	5409238.1
L5520.0	505521.0	5409239.5	15003.59961	307.53	85.84	48.836107	-86.924764	55873.04	56244.4	5.61	55878.64	55842.55469	55848.57880	55799.96484	505521.0	5409239.5
L5520.0	505521.0	5409239.5	15003.70020	307.91	83.17	48.836107	-86.924764	55874.73	56244.4	5.61	55880.34	55844.28516	55851.72880	55803.13672	505521.0	5409239.5
L5520.0	505521.0	5409240.9	15003.79981	308.06	83.17	48.836119	-86.924764	55876.70	56244.4	5.61	55882.31	55846.28906	55858.50578	55809.94141	505521.0	5409240.9

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5520.0	505521.0	5409242.3	15003.90039	308.21	84.89	48.836132	-86.924764	55878.30	56244.4	5.61	55883.91	55847.92188	55859.39163	55810.86328	505521.0	5409242.3
L5520.0	505521.0	5409243.5	15004.00000	309.51	86.29	48.836142	-86.924764	55880.29	56244.4	5.61	55885.90	55849.94922	55865.73829	55817.25000	505521.0	5409243.5
L5520.0	505521.0	5409245.1	15004.09961	308.31	86.29	48.836157	-86.924764	55881.84	56244.4	5.61	55887.45	55851.53906	55865.18627	55816.74609	505521.0	5409245.1
L5520.0	505521.0	5409246.5	15004.20020	306.02	84.29	48.836169	-86.924764	55883.61	56244.4	5.61	55889.22	55853.35156	55867.63037	55819.24609	505521.0	5409246.5
L5520.0	505521.0	5409246.5	15004.29981	305.08	84.79	48.836169	-86.924764	55885.16	56244.4	5.61	55890.76	55854.93750	55866.31803	55817.99609	505521.0	5409246.5
L5520.0	505521.0	5409248.1	15004.40039	303.52	84.79	48.836184	-86.924764	55887.00	56244.4	5.61	55892.60	55856.82422	55869.33538	55821.08203	505521.0	5409248.1
L5520.0	505520.9	5409249.7	15004.50000	303.12	85.31	48.836198	-86.924764	55888.87	56244.4	5.60	55894.48	55858.75781	55872.80482	55824.62891	505520.9	5409249.7
L5520.0	505520.9	5409249.7	15004.59961	306.04	85.35	48.836198	-86.924764	55890.87	56244.4	5.60	55896.47	55860.80078	55877.86954	55829.77344	505520.9	5409249.7
L5520.0	505520.9	5409251.1	15004.70020	307.83	85.35	48.836211	-86.924765	55892.48	56244.4	5.60	55898.09	55862.47656	55877.01156	55829.00781	505520.9	5409251.1
L5520.0	505520.9	5409252.2	15004.79981	309.88	85.27	48.836221	-86.924765	55894.48	56244.4	5.60	55900.09	55864.53516	55882.05997	55834.15234	505520.9	5409252.2
L5520.0	505520.9	5409253.6	15004.90039	311.18	82.97	48.836234	-86.924765	55896.31	56244.4	5.60	55901.91	55866.41406	55884.18664	55836.38281	505520.9	5409253.6
L5520.0	505520.9	5409255.2	15005.00000	311.34	82.97	48.836248	-86.924765	55898.23	56244.4	5.60	55903.83	55868.39844	55887.86922	55840.17578	505520.9	5409255.2
L5520.0	505520.9	5409255.2	15005.00000	311.34	84.15	48.836248	-86.924765	55899.97	56244.4	5.60	55905.57	55870.20703	55888.61576	55841.03906	505520.9	5409255.2
L5520.0	505520.9	5409256.6	15005.20020	310.74	83.48	48.836260	-86.924765	55901.97	56244.4	5.60	55907.57	55872.27344	55893.54782	55846.09375	505520.9	5409256.6
L5520.0	505520.8	5409257.9	15005.29981	312.28	83.48	48.836272	-86.924766	55903.62	56244.4	5.60	55909.22	55873.99609	55892.80673	55845.48438	505520.8	5409257.9
L5520.0	505520.8	5409259.1	15005.40039	310.51	83.78	48.836282	-86.924766	55905.62	56244.4	5.60	55911.22	55876.07422	55897.74626	55850.56250	505520.8	5409259.1
L5520.0	505520.8	5409260.4	15005.50000	310.14	83.78	48.836295	-86.924766	55907.41	56244.4	5.61	55913.02	55877.94922	55899.46738	55852.42969	505520.8	5409260.4
L5520.0	505520.8	5409261.9	15005.59961	309.90	79	48.836308	-86.924766	55909.28	56244.4	5.61	55914.89	55879.89844	55902.35176	55855.46484	505520.8	5409261.9
L5520.0	505520.8	5409261.9	15005.70020	306.67	75.21	48.836308	-86.924766	55911.06	56244.4	5.61	55916.66	55881.75000	55903.67766	55856.94922	505520.8	5409261.9
L5520.0	505520.8	5409263.4	15005.79981	308.52	75.21	48.836321	-86.924766	55912.85	56244.4	5.61	55918.46	55883.63672	55905.54543	55858.98047	505520.8	5409263.4
L5520.0	505520.8	5409264.8	15005.90039	308.36	78.67	48.836334	-86.924767	55914.49	56244.4	5.61	55920.10	55885.36328	55904.95339	55858.55859	505520.8	5409264.8
L5520.0	505520.7	5409266.1	15006.00000	308.15	78.95	48.836346	-86.924767	55916.26	56244.4	5.61	55921.87	55887.22266	55906.50548	55860.28906	505520.7	5409266.1
L5520.0	505520.7	5409267.5	15006.09961	307.05	78.95	48.836358	-86.924767	55918.16	56244.4	5.62	55923.78	55889.22656	55910.31956	55864.28906	505520.7	5409267.5
L5520.0	505520.7	5409267.5	15006.20020	308.42	77.15	48.836358	-86.924767	55919.96	56244.4	5.62	55925.58	55891.12109	55912.48746	55866.64844	505520.7	5409267.5
L5520.0	505520.7	5409269.0	15006.29981	306.92	77.15	48.836371	-86.924767	55921.81	56244.4	5.63	55927.43	55893.07031	55915.50866	55869.86719	505520.7	5409269.0
L5520.0	505520.7	5409270.8	15006.40039	308.07	80.06	48.836388	-86.924767	55923.75	56244.4	5.63	55929.39	55895.12891	55920.30652	55874.86719	505520.7	5409270.8
L5520.0	505520.7	5409271.9	15006.50000	307.62	80.06	48.836398	-86.924767	55925.57	56244.4	5.64	55931.21	55897.05078	55923.04471	55877.81641	505520.7	5409271.9
L5520.0	505520.7	5409271.9	15006.59961	309.47	79.74	48.836398	-86.924767	55927.37	56244.4	5.65	55933.02	55898.96484	55925.74220	55880.72656	505520.7	5409271.9
L5520.0	505520.7	5409273.3	15006.70020	308.79	79.74	48.836410	-86.924767	55929.24	56244.3	5.65	55934.89	55900.94531	55929.50184	55884.71094	505520.7	5409273.3
L5520.0	505520.7	5409274.7	15006.79981	308.42	71.19	48.836423	-86.924768	55931.02	56244.3	5.66	55936.67	55902.83203	55932.02006	55887.45703	505520.7	5409274.7
L5520.0	505520.7	5409275.7	15006.90039	306.43	71.19	48.836432	-86.924768	55932.81	56244.3	5.66	55938.47	55904.74609	55935.02346	55890.69531	505520.7	5409275.7
L5520.0	505520.7	5409275.7	15007.00000	306.42	72.94	48.836432	-86.924768	55934.53	56244.3	5.67	55940.20	55906.58984	55937.10214	55893.01172	505520.7	5409275.7
L5520.0	505520.7	5409277.5	15007.00000	306.42	72.16	48.836449	-86.924768	55936.22	56244.3	5.67	55941.89	55908.39453	55938.71908	55894.87500	505520.7	5409277.5
L5520.0	505520.7	5409278.9	15007.20020	307.15	72.16	48.836461	-86.924768	55937.76	56244.3	5.66	55943.43	55910.05469	55938.02802	55894.43359	505520.7	5409278.9
L5520.0	505520.6	5409280.2	15007.29981	309.69	74.37	48.836473	-86.924768	55939.41	56244.3	5.66	55945.07	55911.81641	55939.14302	55895.80469	505520.6	5409280.2
L5520.0	505520.6	5409281.6	15007.40039	310.62	74.37	48.836485	-86.924768	55940.95	56244.3	5.66	55946.61	55913.48047	55938.70927	55895.63281	505520.6	5409281.6
L5520.0	505520.6	5409281.6	15007.50000	312.98	77	48.836485	-86.924768	55942.44	56244.3	5.65	55948.10	55915.09375	55937.51188	55894.70313	505520.6	5409281.6
L5520.0	505520.6	5409283.2	15007.59961	314.91	77.22	48.836499	-86.924768	55944.04	56244.3	5.65	55949.69	55916.81250	55938.24211	55895.70703	505520.6	5409283.2
L5520.0	505520.6	5409284.7	15007.70020	313.14	77.22	48.836513	-86.924768	55945.73	56244.4	5.65	55951.38	55918.62891	55941.06552	55898.80859	505520.6	5409284.7
L5520.0	505520.6	5409286.1	15007.79981	310.85	69.55	48.836526	-86.924769	55947.43	56244.4	5.65	55953.07	55920.45313	55944.23794	55902.26172	505520.6	5409286.1
L5520.0	505520.6	5409286.1	15007.90039	313.62	69.55	48.836526	-86.924769	55949.10	56244.4	5.64	55954.74	55922.25391	55947.40231	55905.71484	505520.6	5409286.1
L5520.0	505520.6	5409287.8	15008.00000	310.23	69.29	48.836540	-86.924769	55950.82	56244.4	5.64	55956.46	55924.10938	55951.99677	55910.59766	505520.6	5409287.8
L5520.0	505520.6	5409289.5	15008.09961	311.14	69.29	48.836556	-86.924769	55952.41	56244.4	5.64	55958.05	55925.83594	55954.36625	55913.26563	505520.6	5409289.5
L5520.0	505520.6	5409289.5	15008.20020	311.26	68.36	48.836556	-86.924769	55954.28	56244.4	5.64	55959.93	55927.85547	55963.40372	55922.60156	505520.6	5409289.5
L5520.0	505520.6	5409291.1	15008.29981	313.49	71.69	48.836570	-86.924769	55955.83	56244.4	5.65	55961.47	55929.53516	55965.66870	55925.17188	505520.6	5409291.1
L5520.0	505520.6	5409292.7	15008.40039	313.17	71.69	48.836585	-86.924769	55957.47	56244.4	5.65	55963.12	55931.32813	55970.86068	55930.67578	505520.6	5409292.7
L5520.0	505520.6	5409294.1	15008.50000	314.42	75.13	48.836597	-86.924769	55958.78	56244.3	5.65	55964.43	55932.78125	55968.65630	55928.78125	505520.6	5409294.1
L5520.0	505520.6	5409294.1	15008.59961	314.80	75.13	48.836597	-86.924769	55960.10	56244.3	5.65	55965.75	55934.25000	55966.89356	55927.33594	505520.6	5409294.1
L5520.0	505520.6	5409295.8	15008.70020	315.68	71.23	48.836613	-86.924769	55961.36	56244.3	5.65	55967.02	55935.66797	55964.15301	55924.91797	505520.6	5409295.8
L5520.0	505520.6	5409297.5	15008.79981	317.13	71.23	48.836628	-86.924769	55962.84	56244.3	5.66	55968.49	55937.28516	55966.70080	55927.78906	505520.6	5409297.5
L5520.0	505520.6	5409299.1	15008.90039	317.25	67.07	48.836642	-86.924769	55964.20	56244.3	5.66	55969.86	55938.80469	55967.17649	55928.58984	505520.6	5409299.1
L5520.0	505520.6	5409299.1	15009.00000	318.21	67.07	48.836642	-86.924769	55965.66	56244.3	5.66	55971.32	55940.41797	55970.43812	55932.18359	505520.6	5409299.1
L5520.0	505520.6	5409300.7	15009.00000	318.21	73.92	48.836657	-86.924769	55967.18	56244.3	5.66	55972.84	55942.08984	55975.82623	55937.90625	505520.6	5409300.7
L5520.0	505520.6	5409302.5	15009.20020	319.67	73.92	48.836673	-86.924769	55968.57	56244.3	5.66	55974.24	55943.64453	55980.81834	55943.23438	505520.6	5409302.5
L5520.0	505520.6	5409302.5	15009.29981	321.38	70.33	48.836673	-86.924769	55969.99	56244.3	5.67	55975.65	55945.21094	55983.71717	55946.47266	505520.6	5409302.5
L5520.0	505520.6	5409303.9	15009.40039	320.67	70.72	48.836685	-86.924769	55971.20	56244.3	5.67	55976.87	55946.58984	55983.63610	55946.73438	505520.6	5409303.9
L5520.0	505520.5	5409305.2	15009.50000	320.36	70.72	48.836698	-86.924769	55972.52	56244.3	5.67	55978.19	55948.06641	55985.51680	55948.95703	505520.5	5409305.2
L5520.0	505520.6	5409306.6	15009.59961	321.16	70.81	48.836710	-86.924769	55973.84	56244.3	5.67	55979.51	55949.54688	55987.65206	55951.44141	505520.6	5409306.6
L5520.0	505520.6	5409306.6	15009.70020	320.25	70.81	48.836710	-86.924769	55975.02	56244.3	5.67	55980.70	55950.89844	55987.80244	55951.94141	505520.6	5409306.6
L5520.0	505520.5	5409308.5	15009.79981	320.74	66.16	48.836727	-86.924769	55976.24	56244.3	5.68	55981.91	55952.26953	55988.55082	55953.03906	505520.5	5409308.5
L5520.0	505520.6	5409309.8	15009.90039	320.93	70.29	48.836739	-86.924769	55977.30	56244.3	5.68	55982.98	55953.50391	55987.18712	55952.02734	505520.6	5409309.8
L5520.0	505520.6	5409309.8	15010.00000	321.50	70.29	48.836739	-86.924769	55978.54	56244.3	5.68	55984.22	55954.90625	55984.35985	55949.55469	505520.6	5409309.8
L5520.0	505520.6	5409311.0	15010.09961	319.19	70.29	48.836750	-86.924769	55979.58	56244.3	5.68	55985.26	55956.11328	55981.70986	55947.26172	505520.6	5409311.0
L5520.0	505520.6	5409312.4	15010.20020	319.16	72.12	48.836762	-86.924769	55980.87	56244.3	5.69	55986.55	55957.56641	55986.05236	55951.96094	505520.6	5409312.4
L5520.0	505520.6	5409314.0	15010.29981	316.83	71.21	48.836776	-86.924768	55981.98	56244.3	5.69	55987.67	55958.85547	55986.42110	55952.69141	505520.6	5409314.0
L5520.0	505520.6	5409314.0	15010.40039	316.13	71.21	48.836776	-86.924768	55983.32	56244.3	5.69	55989.01	55960.36328	55992.61573	55959.24219	505520.6	5409314.0
L5520.0	505520.6	5409315.8	15010.50000	314.51	67.01	48.836793	-86.924768	55984.43	56244.3	5.69	55990.13	55961.64844	55993.69131	55960.67969	505520.6	5409315.8
L5520.0	505520.6	5409317.0	15010.59961	314.57	67.01	48.836804	-86.924768	55985.68	56244.3	5.70	55991.37	55963.05859	55997.90587	55965.25391	505520.6	5409317.0
L5520.0	505520.7	5409318.6	15010.70020	312.77	70.16	48.836818	-86.924767	55986.66	56244.3	5.70	55992.36	55964.21875	55996.66990	55964.38281	505520.7	5409318.6
L5520.0	505520.7	5409318.6	15010.79981	312.78	70.19	48.836818	-86.924767	55987.77	56244.3	5.70	55993.48	55965.50781	55998.73156	55966.80469	505520.7	5409318.6
L5520.0	505520.7	5409319.7	15010.90039	312.87	68.86	48.836828	-86.924767	55988.86	56244.3	5.71	55994.57	55966.76563	56000.41958	55968.85547	505520.7	5409319.7
L5520.0	505520.7	5409320.9	15011.00000	311.54	68.86	48.836838	-86.924767	55990.10	56244.3	5.71	55995.81	55968.17578	56005.45347	55974.25000	505520.7	5409320.9
L5520.0	505520.7	5409322.4	15011.00000	311.54	67.87	48.836852	-86.924767	55990.93	56244.3	5.71	55996.64	55969.17969	56002.39277	55971.55078	505520.7	5409322.4
L5520.0	505520.7	5409323.8	15011.20020	311.14	69.1	48.836865	-86.924766	55992.05	56244.3	5.71	55997.75	55970.46094	56005.27907	55974.80078	505520.7	5409323.8
L5520.0	505520.7	5409325.6	15011.29981	311.70	69.1	48.836881	-86.924766	55992.93	56244.3	5.71	55998.64	55971.51953	56004.18241	55974.06641	505520.7	5409325.6
L5520.0	505520.7	5409325.6	15011.40039	307.95	71.08	48.836881	-86.924766	55993.92	56244.3	5.71	55999.62	55972.67188	56005.12986	55975.37500	505520.7	5409325.6
L5520.0	505520.7	5409327.0	15011.50000	308.34	71.08	48.836893	-86.924766	55994.73	56244.3	5.70	56000.43	55973.65625	56003.21602	55973.82031	505520.7	5409327.0
L5520.0	505520.7	5409328.3	15011.59961	305.91	68.42	48.836906	-86.924766	55995.77	56244.3	5.70	56001.47	55974.86719	56005.83142	55976.79688	505520.7	5409328.3
L5520.0	505520.7	5409328.3	15011.70020	308.41	69.67	48.836906	-86.924766	55996.70	56244.3	5.70	56002.41	55975.98047	56006.86247	55978.18750	505520.7	5409328.3
L5520.0	505520.7	5409330.0	15011.79981	307.47	69.67	48.836921	-86.924766	55997.64	56244.3	5.70	56003.34	55977.08203	56007.96703	55979.64844	505520.7	5409330.0
L5520.0	505520.8	5409332.5	15011.90039	308.69	69.78	48.836943	-86.924766	55998.47	56244.3	5.70	56004.17	55978.08203	56007.49603	55979.53516	505520.8	5409332.5
L5520.0	505520.8	5409332.5	15012.00000	309.07	69.78	48.836943	-86.924766	55999.48	56244.3	5.70	56005.18	55979.26563	56010.57398	55982.96484	505520.8	5409332.5
L5520.0	505520.8	5409332.5	15012.09961	309.26	68.11	48.836943	-86.924766	56000.37	56244.3	5.70	56006.07	55980.32422	56011.70709	55984.45313	505520.8	5409332.5
L5520.0	505520.8	5409334.5	15012.20020	311.07	68.92	48.836961	-86.924766	56001.08	56244.3	5.71	56006.79	55981.21875	56009.87691	55982.97656	505520.8	5409334.5
L5520.0	505520.8	5409336.1	15012.29981	312.46	68.92	48.836975	-86.924766	56001.96	56244.3	5.71	56007.68	55982.27734	56011.47621	55984.92578	505520.8	5409336.1
L5520.0	505520.8	5409337.4	15012.40039	312.47	68.81	48.836987	-86.924766	56002.82	56244.3	5.72	56008.54	55983.30859	56012.75707	55986.55078	505520.8	5409337.4
L5520.0	505520.8	5409337.4	15012.50000	312.90	68.81	48.836987	-86.924766	56003.71	56244.3	5.72	56009.44	55984.37891	56015.10344	55989.24609	505520.8	5409337.4
L5520.0	505520.8	5409339.1	15012.59961	314.08	67.88	48.837002	-86.924766	56004.39	56244.3	5.73	56010.12	55985.23047	56013.24934	55987.73438	505520.8	5409339.1
L5520.0	505520.8	5409340.6	15012.70020	315.16	67.88	48.837016	-86.924766	56005.18	56244.3	5.74	56010.92	55986.19922	56014.03966	55988.86719	505520.8	5409340.6
L5520.0	505520.8	5409342.4	15012.79981	315.10	67.94	48.837032	-86.924766	56005.93	56244.3	5.74	56011.67	55987.12109	56014.00753	55989.17578	505520.8	5409342.4
L5520.0	505520.8	5409343.6	15012.90039	313.92	67.94	48.837043	-86.924766	56006.77	56244.3	5.75	56012.51	55988.12891	56016.17000	55991.67188	505520.8	5409343.6
L5520.0	505520.8	5409343.6	15013.00000	313.84	65.24	48.837043	-86.924766	56007.78	56244.3	5.75	56013.53	55989.31641	56022.69215	55998.52734	505520.8	5409343.6
L5520.0	505520.8	5409345.2	15013.00000	313.84	65.24	48.837057	-86.924765	56008.49	56244.3	5.75	56014.24	55990.19531	56022.62083	55998.78906	505520.8	5409345.2

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5520.0	505520.8	5409346.6	15013.20020	314.86	67.78	48.837070	-86.924765	56009.38	56244.3	5.75	56015.12	55991.24219	56026.74515	56003.24219	505520.8	5409346.6
L5520.0	505520.8	5409346.6	15013.29981	316.13	66.36	48.837070	-86.924765	56010.29	56244.3	5.75	56016.03	55992.31641	56031.96788	56008.79297	505520.8	5409346.6
L5520.0	505520.8	5409348.7	15013.40039	317.07	66.36	48.837089	-86.924765	56011.04	56244.3	5.75	56016.79	55993.24219	56033.98126	56011.12891	505520.8	5409348.7
L5520.0	505520.8	5409349.8	15013.50000	315.92	68.82	48.837099	-86.924765	56011.75	56244.3	5.75	56017.50	55994.11719	56035.07191	56012.53906	505520.8	5409349.8
L5520.0	505520.8	5409349.8	15013.59961	317.78	67.96	48.837099	-86.924765	56012.18	56244.3	5.74	56017.92	55994.70313	56029.26798	56007.05078	505520.8	5409349.8
L5520.0	505520.8	5409351.5	15013.70020	317.93	67.96	48.837114	-86.924765	56012.66	56244.3	5.74	56018.41	55995.35547	56025.36036	56003.45703	505520.8	5409351.5
L5520.0	505520.8	5409352.6	15013.79981	316.42	65.35	48.837124	-86.924764	56013.34	56244.3	5.74	56019.09	55996.19922	56026.46200	56004.86719	505520.8	5409352.6
L5520.0	505520.9	5409354.5	15013.90039	316.76	66.85	48.837141	-86.924764	56013.88	56244.3	5.74	56019.62	55996.89063	56024.08343	56002.79688	505520.9	5409354.5
L5520.0	505520.9	5409355.7	15014.00000	317.37	66.85	48.837152	-86.924764	56014.54	56244.3	5.74	56020.28	55997.71094	56025.30907	56004.32422	505520.9	5409355.7
L5520.0	505520.9	5409356.9	15014.09961	317.84	64.54	48.837162	-86.924764	56015.22	56244.3	5.74	56020.96	55998.55078	56027.38812	56006.70313	505520.9	5409356.9
L5520.0	505520.9	5409356.9	15014.20020	317.70	64.94	48.837162	-86.924764	56015.70	56244.3	5.75	56021.45	55999.19922	56024.93388	56004.54688	505520.9	5409356.9
L5520.0	505520.9	5409358.3	15014.29981	318.89	64.94	48.837175	-86.924764	56016.51	56244.2	5.75	56022.26	56000.16797	56031.06763	56010.97266	505520.9	5409358.3
L5520.0	505520.9	5409359.9	15014.40039	317.73	53.97	48.837189	-86.924764	56016.94	56244.2	5.76	56022.69	56000.75391	56027.75226	56007.94531	505520.9	5409359.9
L5520.0	505520.9	5409361.7	15014.50000	318.38	53.97	48.837206	-86.924763	56017.68	56244.2	5.76	56023.44	56001.66016	56033.08499	56013.56250	505520.9	5409361.7
L5520.0	505520.9	5409361.7	15014.59961	318.89	63.33	48.837206	-86.924763	56018.18	56244.2	5.76	56023.94	56002.31250	56032.29940	56013.05859	505520.9	5409361.7
L5520.0	505520.9	5409363.1	15014.70020	319.75	63.33	48.837218	-86.924763	56018.82	56244.2	5.77	56024.58	56003.10547	56035.52833	56016.56641	505520.9	5409363.1
L5520.0	505520.9	5409364.5	15014.79981	317.31	64.78	48.837231	-86.924763	56019.26	56244.2	5.77	56025.03	56003.71094	56034.17929	56015.48828	505520.9	5409364.5
L5520.0	505521.0	5409366.4	15014.90039	316.28	64.78	48.837248	-86.924763	56020.05	56244.2	5.78	56025.82	56004.65234	56042.07988	56023.66016	505521.0	5409366.4
L5520.0	505521.0	5409366.4	15015.00000	316.32	60.81	48.837248	-86.924763	56020.66	56244.2	5.78	56026.44	56005.42188	56045.91841	56027.76172	505521.0	5409366.4
L5520.0	505521.0	5409367.9	15015.00000	316.32	60.81	48.837261	-86.924763	56021.18	56244.2	5.78	56026.96	56006.08984	56047.51756	56029.62500	505521.0	5409367.9
L5520.0	505521.0	5409369.2	15015.20020	315.92	55.07	48.837273	-86.924762	56021.34	56244.2	5.78	56027.12	56006.39844	56040.12430	56022.48828	505521.0	5409369.2
L5520.0	505521.0	5409370.9	15015.29981	316.63	55.07	48.837288	-86.924762	56021.74	56244.2	5.78	56027.52	56006.94531	56039.37600	56021.99609	505521.0	5409370.9
L5520.0	505521.0	5409370.9	15015.40039	316.51	57.26	48.837288	-86.924762	56022.43	56244.2	5.78	56028.21	56007.77734	56046.51612	56029.38281	505521.0	5409370.9
L5520.0	505521.0	5409372.0	15015.50000	316.40	62.68	48.837298	-86.924762	56023.14	56244.2	5.78	56028.92	56008.63281	56054.50361	56037.61719	505521.0	5409372.0
L5520.0	505521.0	5409373.6	15015.59961	317.57	62.68	48.837313	-86.924762	56023.34	56244.2	5.78	56029.12	56008.97656	56049.73397	56033.08594	505521.0	5409373.6
L5520.0	505521.0	5409375.2	15015.70020	318.59	60.73	48.837328	-86.924762	56023.49	56244.2	5.78	56029.27	56009.26563	56044.11943	56027.71094	505521.0	5409375.2
L5520.0	505521.0	5409376.9	15015.79981	319.80	60.73	48.837342	-86.924762	56023.77	56244.2	5.78	56029.55	56009.68750	56042.24755	56026.07422	505521.0	5409376.9
L5520.0	505521.0	5409376.9	15015.90039	318.92	58.15	48.837342	-86.924762	56024.30	56244.2	5.78	56030.08	56010.35547	56047.08958	56031.14453	505521.0	5409376.9
L5520.0	505521.0	5409378.5	15016.00000	318.94	58.15	48.837357	-86.924762	56024.42	56244.2	5.78	56030.20	56010.61328	56041.97685	56026.25391	505521.0	5409378.5
L5520.0	505521.0	5409380.1	15016.09961	316.78	52.8	48.837371	-86.924762	56024.56	56244.2	5.78	56030.34	56010.89063	56037.80578	56022.30469	505521.0	5409380.1
L5520.0	505521.0	5409380.1	15016.20020	317.00	61.36	48.837371	-86.924762	56024.70	56244.2	5.79	56030.49	56011.17578	56034.31457	56019.03125	505521.0	5409380.1
L5520.0	505521.0	5409381.4	15016.29981	315.66	61.36	48.837383	-86.924762	56025.16	56244.2	5.79	56030.95	56011.76953	56038.87147	56023.80078	505521.0	5409381.4
L5520.0	505521.0	5409383.1	15016.40039	315.44	60.19	48.837398	-86.924762	56025.62	56244.2	5.79	56031.41	56012.36328	56043.73817	56028.87500	505521.0	5409383.1
L5520.0	505520.9	5409384.4	15016.50000	314.75	60.19	48.837410	-86.924763	56026.12	56244.2	5.79	56031.92	56013.00391	56050.11506	56035.45703	505520.9	5409384.4
L5520.0	505520.9	5409384.4	15016.59961	314.02	59.61	48.837410	-86.924763	56026.20	56244.2	5.80	56032.00	56013.21484	56046.41092	56031.95313	505520.9	5409384.4
L5520.0	505520.9	5409386.0	15016.70020	313.71	59.61	48.837424	-86.924763	56026.45	56244.2	5.80	56032.25	56013.59375	56047.18223	56032.92188	505520.9	5409386.0
L5520.0	505520.9	5409386.0	15016.79981	314.19	59.6	48.837424	-86.924763	56026.50	56244.2	5.80	56032.30	56013.76953	56043.55725	56029.48828	505520.9	5409386.0
L5520.0	505520.9	5409387.3	15016.90039	315.41	61.06	48.837436	-86.924763	56026.57	56244.2	5.81	56032.38	56013.97656	56041.04569	56027.16797	505520.9	5409387.3
L5520.0	505520.9	5409388.9	15017.00000	314.37	61.06	48.837451	-86.924763	56026.58	56244.2	5.81	56032.39	56014.10938	56037.28452	56023.58984	505520.9	5409388.9
L5520.0	505520.9	5409390.0	15017.00000	314.37	61.06	48.837460	-86.924763	56027.06	56244.2	5.81	56032.87	56014.71484	56044.83787	56031.32422	505520.9	5409390.0
L5520.0	505520.9	5409391.4	15017.20020	315.87	61.06	48.837473	-86.924763	56027.23	56244.2	5.82	56033.05	56015.01563	56045.72095	56032.38672	505520.9	5409391.4
L5520.0	505520.9	5409392.8	15017.29981	315.84	61.49	48.837485	-86.924763	56027.43	56244.2	5.82	56033.26	56015.34766	56047.63376	56034.47266	505520.9	5409392.8
L5520.0	505520.9	5409392.8	15017.40039	313.58	49.48	48.837485	-86.924763	56027.31	56244.2	5.83	56033.14	56015.34766	56042.31336	56029.32031	505520.9	5409392.8
L5520.0	505520.9	5409394.1	15017.50000	313.57	61.42	48.837497	-86.924763	56027.38	56244.2	5.83	56033.21	56015.53516	56041.70717	56028.87891	505520.9	5409394.1
L5520.0	505520.9	5409395.5	15017.59961	314.29	61.42	48.837509	-86.924763	56027.41	56244.2	5.83	56033.25	56015.69141	56040.75245	56028.08594	505520.9	5409395.5
L5520.0	505520.9	5409397.0	15017.70020	313.53	61.42	48.837523	-86.924762	56027.86	56244.2	5.84	56033.70	56016.25781	56049.48269	56036.97656	505520.9	5409397.0
L5520.0	505521.0	5409398.1	15017.79981	313.07	60.07	48.837533	-86.924762	56027.74	56244.2	5.84	56033.58	56016.25391	56045.53464	56033.18359	505521.0	5409398.1
L5520.0	505521.0	5409399.4	15017.90039	315.49	58.62	48.837545	-86.924762	56027.96	56244.2	5.85	56033.81	56016.59766	56049.89127	56037.69141	505521.0	5409399.4
L5520.0	505521.0	5409399.4	15018.00000	314.77	59.67	48.837545	-86.924762	56027.89	56244.2	5.85	56033.74	56016.64063	56047.72555	56035.67188	505521.0	5409399.4
L5520.0	505521.0	5409401.9	15018.09961	314.17	59.67	48.837568	-86.924762	56027.99	56244.1	5.85	56033.84	56016.85156	56049.74594	56037.83594	505521.0	5409401.9
L5520.0	505521.0	5409401.9	15018.20020	316.16	59.67	48.837568	-86.924762	56027.76	56244.1	5.86	56033.62	56016.74219	56044.78424	56033.01563	505521.0	5409401.9
L5520.0	505521.0	5409403.7	15018.29981	315.26	60	48.837583	-86.924761	56027.86	56244.1	5.86	56033.72	56016.94922	56047.41382	56035.78516	505521.0	5409403.7
L5520.0	505521.0	5409403.7	15018.40039	313.81	60	48.837583	-86.924761	56027.74	56244.1	5.87	56033.61	56016.94922	56045.56658	56034.07031	505521.0	5409403.7
L5520.0	505521.0	5409405.2	15018.50000	313.44	60.31	48.837597	-86.924761	56027.96	56244.1	5.87	56033.83	56017.27344	56051.50128	56040.13672	505521.0	5409405.2
L5520.0	505521.0	5409406.1	15018.59961	315.00	60.94	48.837605	-86.924761	56027.82	56244.1	5.87	56033.69	56017.24219	56049.56208	56038.32422	505521.0	5409406.1
L5520.0	505521.1	5409407.5	15018.70020	317.56	60.94	48.837618	-86.924761	56027.69	56244.1	5.88	56033.57	56017.22656	56048.37250	56037.26172	505521.1	5409407.5
L5520.0	505521.1	5409408.8	15018.79981	317.73	58.71	48.837629	-86.924760	56027.39	56244.1	5.88	56033.27	56017.02734	56043.43188	56032.44141	505521.1	5409408.8
L5520.0	505521.1	5409409.9	15018.90039	315.97	58.97	48.837639	-86.924760	56027.31	56244.1	5.89	56033.20	56017.05859	56043.95862	56033.08594	505521.1	5409409.9
L5520.0	505521.1	5409409.9	15019.00000	316.49	58.97	48.837639	-86.924760	56027.01	56244.1	5.89	56032.90	56016.86328	56039.62906	56028.87109	505521.1	5409409.9
L5520.0	505521.1	5409411.3	15019.00000	316.49	60.62	48.837652	-86.924760	56026.95	56244.1	5.89	56032.84	56016.90234	56040.94675	56030.30469	505521.1	5409411.3
L5520.0	505521.1	5409412.6	15019.20020	313.08	59.93	48.837664	-86.924760	56026.73	56244.1	5.89	56032.61	56016.76953	56038.76213	56028.23047	505521.1	5409412.6
L5520.0	505521.1	5409414.0	15019.29981	310.91	59.93	48.837676	-86.924760	56026.66	56244.1	5.89	56032.54	56016.80078	56040.40226	56029.97656	505521.1	5409414.0
L5520.0	505521.1	5409415.4	15019.40039	312.25	61.3	48.837689	-86.924760	56026.55	56244.1	5.89	56032.43	56016.78516	56041.42402	56031.10156	505521.1	5409415.4
L5520.0	505521.1	5409415.4	15019.50000	312.54	61.3	48.837689	-86.924760	56026.50	56244.1	5.89	56032.39	56016.84375	56044.25585	56034.03906	505521.1	5409415.4
L5520.0	505521.1	5409417.0	15019.59961	313.37	59.96	48.837703	-86.924760	56026.15	56244.1	5.88	56032.03	56016.57813	56040.31561	56030.19531	505521.1	5409417.0
L5520.0	505521.1	5409418.4	15019.70020	313.91	61.33	48.837716	-86.924760	56026.17	56244.1	5.88	56032.06	56016.70313	56045.23141	56035.21094	505521.1	5409418.4
L5520.0	505521.1	5409419.7	15019.79981	313.88	61.33	48.837728	-86.924760	56025.92	56244.1	5.88	56031.80	56016.53516	56044.04026	56034.11328	505521.1	5409419.7
L5520.0	505521.1	5409421.3	15019.90039	312.60	61.42	48.837742	-86.924760	56025.71	56244.1	5.88	56031.60	56016.42969	56044.44232	56034.60547	505521.1	5409421.3
L5520.0	505521.1	5409421.3	15020.00000	312.31	61.42	48.837742	-86.924760	56025.23	56244.1	5.88	56031.11	56016.03125	56038.70828	56028.96484	505521.1	5409421.3
L5520.0	505521.1	5409422.4	15020.09961	313.92	60.36	48.837752	-86.924760	56025.01	56244.1	5.88	56030.89	56015.90234	56039.19994	56029.54297	505521.1	5409422.4
L5520.0	505521.1	5409423.8	15020.20020	313.63	60.36	48.837764	-86.924760	56024.88	56244.1	5.88	56030.77	56015.87109	56042.18440	56032.61328	505521.1	5409423.8
L5520.0	505521.0	5409425.2	15020.29981	312.80	59.06	48.837777	-86.924761	56024.60	56244.1	5.89	56030.49	56015.67969	56041.89055	56032.40234	505521.0	5409425.2
L5520.0	505521.0	5409426.8	15020.40039	312.07	58.18	48.837791	-86.924761	56024.25	56244.1	5.89	56030.13	56015.41016	56040.08271	56030.67578	505521.0	5409426.8
L5520.0	505521.0	5409427.7	15020.50000	313.45	60.15	48.837799	-86.924761	56024.05	56244.1	5.89	56029.94	56015.30859	56042.34053	56033.01172	505521.0	5409427.7
L5520.0	505521.0	5409428.7	15020.59961	314.23	60.15	48.837809	-86.924762	56023.62	56244.1	5.89	56029.51	56014.96484	56039.51757	56030.26953	505521.0	5409428.7
L5520.0	505521.0	5409428.7	15020.70020	314.08	59.31	48.837809	-86.924762	56023.39	56244.1	5.89	56029.28	56014.82031	56041.45073	56032.27734	505521.0	5409428.7
L5520.0	505520.9	5409430.1	15020.79981	315.57	59.31	48.837821	-86.924762	56022.84	56244.1	5.90	56028.73	56014.35547	56036.51135	56027.41016	505520.9	5409430.1
L5520.0	505520.9	5409431.5	15020.90039	315.50	58.71	48.837834	-86.924763	56022.43	56244.1	5.90	56028.32	56014.03125	56035.00110	56025.97266	505520.9	5409431.5
L5520.0	505520.9	5409432.6	15021.00000	316.03	60.74	48.837843	-86.924763	56022.10	56244.1	5.90	56028.00	56013.79297	56035.81339	56026.85547	505520.9	5409432.6
L5520.0	505520.8	5409434.0	15021.00000	316.03	60.74	48.837856	-86.924763	56021.84	56244.1	5.90	56027.74	56013.61719	56038.28672	56029.39844	505520.8	5409434.0
L5520.0	505520.8	5409435.4	15021.20020	316.90	59.47	48.837868	-86.924764	56021.49	56244.1	5.90	56027.40	56013.35938	56039.28479	56030.46094	505520.8	5409435.4
L5520.0	505520.8	5409435.4	15021.29981	315.45	59.28	48.837868	-86.924764	56021.29	56244.1	5.91	56027.19	56013.23047	56043.53434	56034.77734	505520.8	5409435.4
L5520.0	505520.8	5409436.7	15021.40039	314.11	59.28	48.837881	-86.924764	56020.78	56244.1	5.91	56026.69	56012.81250	56041.59543	56032.90234	505520.8	5409436.7
L5520.0	505520.7	5409438.1	15021.50000	313.24	63.13	48.837893	-86.924765	56020.10	56244.1	5.91	56026.01	56012.21094	56035.94090	56027.31250	505520.7	5409438.1
L5520.0	505520.7	5409439.9	15021.59961	313.73	63.13	48.837909	-86.924765	56019.54	56244.1	5.91	56025.45	56011.73047	56033.33167	56024.76172	505520.7	5409439.9
L5520.0	505520.7	5409441.3	15021.70020	312.65	65.58	48.837922	-86.924766	56018.94	56244.1	5.91	56024.85	56011.21094	56030.17176	56021.66406	505520.7	5409441.3
L5520.0	505520.7	5409441.3	15021.79981	312.47	65.43	48.837922	-86.924766	56018.48	56244.1	5.92	56024.39	56010.82813	56030.52968	56022.07813	505520.7	5409441.3
L5520.0	505520.6	5409442.9	15021.90039	312.94	65.43	48.837936	-86.924766	56018.00	56244.1	5.92	56023.92	56010.43750	56031.03152	56022.63672	505520.6	5409442.9
L5520.0	505520.6	5409444.8	15022.00000	311.81	65.43	48.837953	-86.924766	56017.49	56244.1	5.92	56023.41	56010.00391	56031.00524	56022.66797	505520.6	5409444.8
L5520.0	505520.6	5409444.8	15022.09961	313.30	55.07	48.837953	-86.924766	56016.96	56244.1	5.92	56022.89	56009.56250	56031.13429	56022.85156	505520.6	5409444.8
L5520.0	505520.6	5409446.5	15022.20020	315.42	62.45	48.837969	-86.924766	56016.54	56244.1	5.93	56022.47	56009.21875	56033.92489	56025.69922	505520.6	5409446.5
L5520.0	505520.6	5409447.8	15022.29981	314.53	62.45	48.837981	-86.924766	56016.00	56244.1	5.93	56021.93	56008.75391	56034.39044	56026.21484	505520.6	5409447.8
L5520.0	505520.6	5409447.8	15022.40039	315.38	65.87	48.837981	-86.924766	56015.55	56244.1	5.94	56021.49	56008.38672	56037.54751	56029.42578	505520.6	5409447.8

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5520.0	505520.7	5409450.1	15022.50000	314.51	65.87	48.838001	-86.924765	56014.74	56244.1	5.94	56020.68	56007.65234	56032.63908	56024.56641	505520.7	5409450.1
L5520.0	505520.7	5409450.1	15022.59961	314.51	66.67	48.838001	-86.924765	56014.13	56244.1	5.95	56020.08	56007.12500	56032.94198	56024.92188	505520.7	5409450.1
L5520.0	505520.7	5409451.5	15022.70020	315.70	66.67	48.838013	-86.924765	56013.47	56244	5.96	56019.43	56006.54688	56032.49758	56024.52344	505520.7	5409451.5
L5520.0	505520.7	5409452.9	15022.79981	315.76	65.26	48.838026	-86.924765	56012.94	56244	5.96	56018.90	56006.08984	56035.25856	56027.33203	505520.7	5409452.9
L5520.0	505520.7	5409454.2	15022.90039	315.70	64.53	48.838038	-86.924765	56012.18	56244	5.97	56018.15	56005.41016	56033.28739	56025.41016	505520.7	5409454.2
L5520.0	505520.7	5409455.1	15023.00000	315.45	64.53	48.838046	-86.924764	56011.58	56244	5.97	56017.55	56004.88281	56035.23600	56027.40625	505520.7	5409455.1
L5520.0	505520.7	5409455.1	15023.00000	315.45	65.76	48.838046	-86.924764	56010.74	56244	5.97	56016.71	56004.11328	56031.89236	56024.10547	505520.7	5409455.1
L5520.0	505520.7	5409456.9	15023.20020	315.64	66.58	48.838062	-86.924764	56010.01	56244	5.97	56015.98	56003.45313	56031.52271	56023.78125	505520.7	5409456.9
L5520.0	505520.8	5409458.5	15023.29981	315.38	66.58	48.838077	-86.924764	56008.79	56244	5.97	56014.76	56002.30078	56019.77773	56012.07813	505520.8	5409458.5
L5520.0	505520.8	5409459.9	15023.40039	313.73	63.97	48.838089	-86.924764	56007.91	56244	5.97	56013.88	56001.48828	56016.50184	56008.84766	505520.8	5409459.9
L5520.0	505520.8	5409461.3	15023.50000	315.39	63.97	48.838102	-86.924764	56007.13	56244	5.97	56013.10	56000.77734	56015.98649	56008.37500	505520.8	5409461.3
L5520.0	505520.8	5409461.3	15023.59961	316.13	61.42	48.838102	-86.924764	56006.34	56244	5.97	56012.31	56000.05078	56015.58709	56008.01563	505520.8	5409461.3
L5520.0	505520.8	5409462.9	15023.70020	316.51	61.42	48.838116	-86.924763	56005.63	56244	5.97	56011.60	55999.40625	56017.46059	56009.92969	505520.8	5409462.9
L5520.0	505520.8	5409464.1	15023.79981	316.06	62.95	48.838127	-86.924763	56004.98	56244	5.97	56010.95	55998.82422	56021.11015	56013.61719	505520.8	5409464.1
L5520.0	505520.8	5409465.5	15023.90039	315.38	62.95	48.838140	-86.924763	56003.96	56244	5.97	56009.93	55997.86719	56016.19047	56008.73828	505520.8	5409465.5
L5520.0	505520.9	5409466.7	15024.00000	316.69	63.53	48.838150	-86.924763	56003.16	56244	5.97	56009.13	55997.12891	56016.87505	56009.46094	505520.9	5409466.7
L5520.0	505520.9	5409466.7	15024.09961	315.88	64.49	48.838150	-86.924763	56002.06	56244	5.97	56008.04	55996.10156	56010.92872	56003.55469	505520.9	5409466.7
L5520.0	505520.9	5409468.4	15024.20020	317.19	64.49	48.838166	-86.924762	56001.21	56244	5.97	56007.18	55995.30469	56010.79276	56003.45313	505520.9	5409468.4
L5520.0	505520.9	5409469.8	15024.29981	314.94	64.49	48.838178	-86.924762	56000.14	56244	5.98	56006.12	55994.30469	56006.18788	55998.88672	505520.9	5409469.8
L5520.0	505520.9	5409471.2	15024.40039	315.12	59.78	48.838190	-86.924762	55999.38	56244	5.98	56005.36	55993.60547	56009.00265	56001.73438	505520.9	5409471.2
L5520.0	505521.0	5409472.5	15024.50000	314.71	62.69	48.838203	-86.924761	55998.27	56244	5.98	56004.25	55992.55469	56003.79156	55996.55859	505521.0	5409472.5
L5520.0	505521.0	5409473.9	15024.59961	314.41	62.69	48.838215	-86.924761	55997.34	56244	5.98	56003.32	55991.68359	56003.11737	55995.92188	505521.0	5409473.9
L5520.0	505521.0	5409473.9	15024.70020	314.77	64.2	48.838215	-86.924761	55996.32	56244	5.98	56002.31	55990.73047	56000.81736	55993.65234	505521.0	5409473.9
L5520.0	505521.0	5409475.6	15024.79981	314.82	64.2	48.838230	-86.924761	55995.59	56244	5.99	56001.58	55990.05469	56005.35412	55998.22266	505521.0	5409475.6
L5520.0	505521.0	5409477.0	15024.90039	314.72	64.68	48.838243	-86.924760	55994.50	56244	5.99	56000.49	55989.01953	56001.67276	55994.57422	505521.0	5409477.0
L5520.0	505521.0	5409477.0	15025.00000	314.40	65.58	48.838243	-86.924760	55993.62	56244	5.99	55999.61	55988.19531	56003.15793	55996.08984	505521.0	5409477.0
L5520.0	505521.0	5409478.9	15025.00000	314.40	65.58	48.838260	-86.924760	55992.53	56244	5.99	55998.52	55987.15625	55999.96028	55992.92188	505521.0	5409478.9
L5520.0	505521.0	5409480.4	15025.20020	314.57	66.32	48.838273	-86.924760	55991.64	56244	5.99	55997.63	55986.31641	56001.67095	55994.66016	505521.0	5409480.4
L5520.0	505521.0	5409480.4	15025.29981	315.99	64.65	48.838273	-86.924760	55990.51	56244	5.99	55996.50	55985.23828	55997.99653	55991.01563	505521.0	5409480.4
L5520.0	505521.1	5409481.9	15025.40039	315.15	64.65	48.838287	-86.924760	55989.54	56244	5.99	55995.53	55984.31641	55998.28281	55991.32813	505521.1	5409481.9
L5520.0	505521.1	5409483.3	15025.50000	314.92	65.37	48.838300	-86.924760	55988.33	56244	5.99	55994.32	55983.15234	55993.16890	55986.24219	505521.1	5409483.3
L5520.0	505521.1	5409484.5	15025.59961	314.83	64.94	48.838310	-86.924760	55987.32	56244	5.99	55993.31	55982.18750	55992.94360	55986.04297	505521.1	5409484.5
L5520.0	505521.1	5409486.1	15025.70020	316.07	64.94	48.838325	-86.924760	55986.13	56244	5.99	55992.12	55981.04297	55988.69765	55981.82031	505521.1	5409486.1
L5520.0	505521.1	5409487.3	15025.79981	315.05	60.94	48.838336	-86.924759	55985.32	56244	5.99	55991.31	55980.27734	55993.58711	55986.73438	505521.1	5409487.3
L5520.0	505521.1	5409487.3	15025.90039	315.51	60.72	48.838336	-86.924759	55984.34	56244	5.99	55990.33	55979.33594	55994.68886	55987.85938	505521.1	5409487.3
L5520.0	505521.1	5409488.9	15026.00000	314.88	60.72	48.838350	-86.924760	55983.27	56244	5.99	55989.26	55978.30859	55993.86227	55987.05469	505521.1	5409488.9
L5520.0	505521.1	5409490.1	15026.09961	313.99	62.43	48.838360	-86.924760	55982.00	56244	5.99	55988.00	55977.08594	55988.70733	55981.92188	505521.1	5409490.1
L5520.0	505521.1	5409491.5	15026.20020	313.34	55.04	48.838373	-86.924760	55980.94	56244	6.00	55986.94	55976.06250	55988.47062	55981.70313	505521.1	5409491.5
L5520.0	505521.0	5409493.1	15026.29981	314.76	55.04	48.838387	-86.924760	55979.63	56244	6.00	55985.63	55974.78906	55982.42958	55975.67969	505521.0	5409493.1
L5520.0	505521.0	5409493.1	15026.40039	314.32	57.79	48.838387	-86.924760	55978.54	56244	6.01	55984.54	55973.73047	55981.79464	55975.06641	505521.0	5409493.1
L5520.0	505521.0	5409494.5	15026.50000	314.87	62.19	48.838400	-86.924760	55977.30	56244	6.01	55983.31	55972.53125	55977.94373	55971.23438	505521.0	5409494.5
L5520.0	505521.0	5409496.1	15026.59961	315.61	62.19	48.838415	-86.924760	55976.32	56244	6.01	55982.33	55971.58203	55980.25047	55973.55859	505521.0	5409496.1
L5520.0	505521.0	5409496.1	15026.70020	316.29	63.88	48.838415	-86.924760	55975.13	56244	6.02	55981.15	55970.43359	55977.86334	55971.18750	505521.0	5409496.1
L5520.0	505521.0	5409497.7	15026.79981	317.49	63.88	48.838429	-86.924760	55974.02	56244	6.02	55980.04	55969.35156	55977.28256	55970.62109	505521.0	5409497.7
L5520.0	505521.0	5409499.1	15026.90039	316.57	59.74	48.838442	-86.924761	55972.54	56244	6.03	55978.57	55967.90625	55968.04968	55961.40234	505521.0	5409499.1
L5520.0	505521.0	5409500.4	15027.00000	316.63	57.26	48.838454	-86.924761	55971.54	56244	6.03	55977.57	55966.92969	55970.32249	55963.69141	505521.0	5409500.4
L5520.0	505520.9	5409501.6	15027.00000	316.63	57.26	48.838464	-86.924761	55970.27	56244	6.03	55976.30	55965.68359	55966.08696	55959.47266	505520.9	5409501.6
L5520.0	505520.9	5409503.0	15027.20020	314.32	59.36	48.838476	-86.924761	55969.11	56244	6.03	55975.14	55964.54688	55964.58229	55957.98047	505520.9	5409503.0
L5520.0	505520.9	5409503.0	15027.29981	314.34	56.51	48.838476	-86.924761	55967.92	56244	6.03	55973.95	55963.37500	55962.37339	55955.78516	505520.9	5409503.0
L5520.0	505520.9	5409505.3	15027.40039	315.86	56.51	48.838497	-86.924762	55966.90	56244	6.03	55972.94	55962.38281	55964.58511	55958.01172	505520.9	5409505.3
L5520.0	505520.9	5409505.3	15027.50000	315.37	59.44	48.838497	-86.924762	55965.56	56244	6.04	55971.60	55961.06250	55958.68590	55952.12500	505520.9	5409505.3
L5520.0	505520.9	5409506.8	15027.59961	315.91	59.44	48.838511	-86.924762	55964.32	56244	6.04	55970.36	55959.83984	55955.19059	55948.64453	505520.9	5409506.8
L5520.0	505520.9	5409506.8	15027.70020	313.48	57.94	48.838511	-86.924762	55963.08	56244	6.04	55969.12	55958.61328	55951.61816	55945.08594	505520.9	5409506.8
L5520.0	505520.8	5409509.9	15027.79981	312.24	57.94	48.838539	-86.924762	55962.10	56244	6.04	55968.14	55957.64844	55954.40653	55947.88672	505520.8	5409509.9
L5520.0	505520.8	5409509.9	15027.90039	312.02	54.57	48.838539	-86.924762	55960.91	56244	6.04	55966.95	55956.47266	55951.87681	55945.37109	505520.8	5409509.9
L5520.0	505520.8	5409511.3	15028.00000	313.19	54.57	48.838551	-86.924763	55959.85	56244	6.04	55965.89	55955.42578	55952.47286	55945.98438	505520.8	5409511.3
L5520.0	505520.8	5409512.9	15028.09961	315.66	55.83	48.838566	-86.924763	55958.54	56244	6.05	55964.58	55954.12500	55946.59434	55940.12109	505520.8	5409512.9
L5520.0	505520.8	5409514.4	15028.20020	316.70	55.83	48.838579	-86.924763	55957.60	56243.9	6.05	55963.65	55953.20703	55950.18938	55943.73047	505520.8	5409514.4
L5520.0	505520.8	5409514.4	15028.29981	317.63	59.15	48.838579	-86.924763	55956.20	56243.9	6.06	55962.26	55951.82813	55941.76766	55935.32422	505520.8	5409514.4
L5520.0	505520.8	5409516.5	15028.40039	316.66	59.4	48.838598	-86.924763	55955.07	56243.9	6.06	55961.13	55950.70703	55939.76765	55933.34375	505520.8	5409516.5
L5520.0	505520.8	5409517.9	15028.50000	316.64	59.4	48.838610	-86.924763	55954.03	56243.9	6.07	55960.10	55949.68750	55940.15175	55933.74609	505520.8	5409517.9
L5520.0	505520.8	5409519.3	15028.59961	315.01	57.23	48.838623	-86.924763	55953.09	56243.9	6.08	55959.17	55948.76563	55938.62795	55932.24219	505520.8	5409519.3
L5520.0	505520.8	5409519.3	15028.70020	315.18	57.23	48.838623	-86.924763	55951.98	56243.9	6.08	55958.06	55947.66797	55936.27121	55929.90625	505520.8	5409519.3
L5520.0	505520.8	5409520.7	15028.79981	316.90	55.88	48.838636	-86.924763	55950.79	56243.9	6.09	55956.88	55946.49609	55932.53551	55926.19141	505520.8	5409520.7
L5520.0	505520.8	5409522.3	15028.90039	316.51	55.88	48.838650	-86.924763	55949.56	56243.9	6.09	55955.65	55945.27734	55927.71977	55921.40234	505520.8	5409522.3
L5520.0	505520.8	5409522.3	15029.00000	317.21	57.32	48.838650	-86.924763	55948.57	56243.9	6.10	55954.67	55944.30859	55927.07479	55920.78125	505520.8	5409522.3
L5520.0	505520.8	5409523.9	15029.00000	317.21	56.76	48.838665	-86.924763	55947.48	56243.9	6.10	55953.58	55943.22656	55924.32709	55918.06250	505520.8	5409523.9
L5520.0	505520.8	5409525.6	15029.20020	321.44	56.76	48.838680	-86.924763	55946.70	56243.9	6.10	55952.80	55942.46094	55926.93613	55920.69922	505520.8	5409525.6
L5520.0	505520.8	5409527.0	15029.29981	322.18	58.33	48.838692	-86.924763	55945.56	56243.9	6.10	55951.66	55941.33203	55922.92735	55916.72266	505520.8	5409527.0
L5520.0	505520.8	5409528.4	15029.40039	322.17	58.33	48.838705	-86.924763	55944.46	56243.9	6.10	55950.57	55940.25391	55919.60220	55913.42969	505520.8	5409528.4
L5520.0	505520.8	5409528.4	15029.50000	321.08	53.77	48.838705	-86.924763	55943.28	56243.9	6.11	55949.38	55939.08203	55914.25033	55908.11719	505520.8	5409528.4
L5520.0	505520.7	5409530.0	15029.59961	322.72	53.77	48.838720	-86.924763	55942.29	56243.9	6.11	55948.40	55938.11719	55912.50386	55906.41016	505520.7	5409530.0
L5520.0	505520.7	5409531.2	15029.70020	321.69	56.31	48.838731	-86.924763	55941.43	56243.9	6.11	55947.54	55937.27344	55912.73111	55906.67578	505520.7	5409531.2
L5520.0	505520.7	5409532.6	15029.79981	322.46	57.6	48.838743	-86.924764	55940.52	56243.9	6.11	55946.63	55936.38281	55911.83191	55905.82031	505520.7	5409532.6
L5520.0	505520.7	5409532.6	15029.90039	322.26	54.72	48.838743	-86.924764	55939.74	56243.9	6.11	55945.85	55935.62500	55913.04163	55907.07813	505520.7	5409532.6
L5520.0	505520.7	5409534.1	15030.00000	321.67	54.72	48.838756	-86.924764	55938.81	56243.9	6.11	55944.92	55934.72266	55911.30319	55905.39063	505520.7	5409534.1
L5520.0	505520.7	5409535.4	15030.09961	318.97	59.14	48.838768	-86.924764	55937.76	56243.9	6.11	55943.88	55933.70703	55907.38322	55901.52344	505520.7	5409535.4
L5520.0	505520.7	5409537.5	15030.20020	320.23	59.14	48.838787	-86.924764	55937.08	56243.9	6.12	55943.20	55933.05859	55909.54070	55903.73828	505520.7	5409537.5
L5520.0	505520.7	5409537.5	15030.29981	318.91	59.41	48.838787	-86.924764	55936.17	56243.9	6.12	55942.29	55932.17969	55907.38084	55901.63672	505520.7	5409537.5
L5520.0	505520.7	5409539.2	15030.40039	316.46	59.41	48.838802	-86.924764	55935.39	56243.9	6.12	55941.51	55931.43359	55907.14995	55901.47266	505520.7	5409539.2
L5520.0	505520.7	5409540.4	15030.50000	315.33	60.72	48.838813	-86.924764	55934.43	56243.9	6.13	55940.55	55930.51563	55903.29355	55897.68359	505520.7	5409540.4
L5520.0	505520.7	5409540.4	15030.59961	313.84	61.14	48.838813	-86.924764	55933.87	56243.9	6.13	55940.00	55930.00781	55908.18578	55902.64844	505520.7	5409540.4
L5520.0	505520.7	5409541.7	15030.70020	314.53	61.14	48.838825	-86.924763	55933.14	56243.9	6.13	55939.27	55929.32422	55907.71732	55902.25391	505520.7	5409541.7
L5520.0	505520.7	5409543.1	15030.79981	311.69	53.3	48.838838	-86.924763	55932.68	56243.9	6.13	55938.81	55928.91406	55913.37383	55907.99219	505520.7	5409543.1
L5520.0	505520.7	5409544.8	15030.90039	313.99	56.26	48.838852	-86.924763	55931.72	56243.9	6.14	55937.86	55928.01953	55906.21020	55900.91406	505520.7	5409544.8
L5520.0	505520.8	5409546.2	15031.00000	316.71	56.26	48.838866	-86.924763	55931.06	56243.9	6.14	55937.20	55927.41797	55905.60756	55900.40234	505520.8	5409546.2
L5520.0	505520.8	5409546.2	15031.00000	316.71	54.67	48.838866	-86.924763	55930.31	56243.9	6.14	55936.45	55926.73438	55902.24118	55897.12891	505520.8	5409546.2
L5520.0	505520.8	5409547.9	15031.20020	316.91	54.67	48.838880	-86.924763	55929.85	56243.9	6.15	55935.99	55926.34375	55904.97631	55899.96094	505520.8	5409547.9
L5520.0	505520.8	5409549.0	15031.29981	315.75	57.08	48.838891	-86.924762	55929.06	56243.9	6.15	55935.21	55925.64063	55899.65636	55894.74609	505520.8	5409549.0
L5520.0	505520.8	5409550.6	15031.40039	313.10	57.08	48.838905	-86.924762	55928.64	56243.8	6.15	55934.79	55925.30078	55901.78476	55896.98438	505520.8	5409550.6
L5520.0	505520.8	5409551.8	15031.50000	313.12	57.92	48.838916	-86.924762	55928.11	56243.8	6.15	55934.26	55924.85547	55900.67737	55895.99219	505520.8	5409551.8
L5520.0	505520.8	5409551.8	15031.59961	312.98	55.54	48.838916	-86.924762	55927.70	56243.8	6.16	55933.86	55924.54688	55901.64131	55897.07422	505520.8	5409551.8
L5520.0	505520.8	5409553.7	15031.70020	311.70	46.92	48.838933	-86.924762	55927.24	56243.8	6.16	55933.40	55924.18750	55900.50164	55896.05859	505520.8	5409553.7

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5520.0	505520.8	5409555.1	15031.79981	312.72	46.92	48.838946	-86.924762	55926.89	56243.8	6.16	55933.05	55923.94531	55900.91132	55896.59766	505520.8	5409555.1
L5520.0	505520.9	5409556.2	15031.90039	313.39	49.37	48.838956	-86.924761	55926.51	56243.8	6.17	55932.68	55923.68750	55900.06471	55895.88672	505520.9	5409556.2
L5520.0	505520.9	5409557.4	15032.00000	313.36	49.37	48.838966	-86.924761	55926.18	56243.8	6.17	55932.35	55923.47656	55899.22415	55895.19141	505520.9	5409557.4
L5520.0	505520.9	5409557.4	15032.09961	312.23	55.52	48.838966	-86.924761	55925.93	56243.8	6.17	55932.10	55923.35156	55899.19683	55895.31250	505520.9	5409557.4
L5520.0	505520.9	5409559.1	15032.20020	312.99	55.52	48.838981	-86.924761	55925.57	56243.8	6.18	55931.75	55923.13672	55896.20106	55892.46875	505520.9	5409559.1
L5520.0	505520.9	5409560.6	15032.29981	313.97	59.24	48.838995	-86.924761	55925.40	56243.8	6.18	55931.58	55923.10938	55896.03469	55892.46484	505520.9	5409560.6
L5520.0	505520.9	5409562.0	15032.40039	314.58	59.24	48.839008	-86.924760	55925.22	56243.8	6.19	55931.40	55923.08203	55894.71743	55891.31250	505520.9	5409562.0
L5520.0	505520.9	5409563.2	15032.50000	312.84	53.65	48.839018	-86.924760	55925.07	56243.8	6.19	55931.26	55923.10156	55893.26336	55890.03516	505520.9	5409563.2
L5520.0	505520.9	5409563.2	15032.59961	312.96	51.54	48.839018	-86.924760	55925.07	56243.8	6.19	55931.26	55923.26953	55893.72439	55890.67578	505520.9	5409563.2
L5520.0	505521.0	5409564.9	15032.70020	312.06	51.54	48.839033	-86.924760	55925.12	56243.8	6.20	55931.32	55923.50391	55894.42907	55891.56641	505521.0	5409564.9
L5520.0	505521.0	5409566.5	15032.79981	311.20	50.45	48.839048	-86.924759	55925.20	56243.8	6.20	55931.40	55923.77344	55894.52997	55891.85938	505521.0	5409566.5
L5520.0	505521.0	5409567.7	15032.90039	311.95	46.37	48.839059	-86.924759	55925.24	56243.8	6.21	55931.45	55924.01563	55892.95610	55890.48438	505521.0	5409567.7
L5520.0	505521.1	5409569.1	15033.00000	311.29	46.37	48.839071	-86.924759	55925.35	56243.8	6.21	55931.56	55924.33203	55891.56564	55889.30078	505521.1	5409569.1
L5520.0	505521.1	5409569.1	15033.00000	311.29	46.37	48.839071	-86.924759	55925.65	56243.8	6.21	55931.86	55924.84766	55893.09460	55891.04297	505521.1	5409569.1
L5520.0	505521.1	5409571.2	15033.20020	314.06	59.04	48.839090	-86.924758	55926.06	56243.8	6.21	55932.27	55925.48047	55895.87177	55894.03906	505521.1	5409571.2
L5520.0	505521.1	5409571.2	15033.29981	313.39	59.25	48.839090	-86.924758	55926.36	56243.8	6.22	55932.57	55926.01563	55895.20588	55893.60156	505521.1	5409571.2
L5520.0	505521.1	5409573.9	15033.40039	312.43	59.25	48.839115	-86.924757	55926.66	56243.8	6.22	55932.88	55926.57031	55893.61101	55892.24219	505521.1	5409573.9
L5520.0	505521.1	5409573.9	15033.50000	313.93	55.25	48.839115	-86.924757	55926.91	56243.8	6.22	55933.13	55927.07813	55889.55437	55888.42969	505521.1	5409573.9
L5520.0	505521.1	5409575.4	15033.59961	313.60	55.25	48.839128	-86.924757	55927.50	56243.8	6.22	55933.72	55927.93359	55891.67547	55890.79688	505521.1	5409575.4
L5520.0	505521.2	5409577.2	15033.70020	313.74	57.64	48.839144	-86.924757	55928.06	56243.8	6.22	55934.28	55928.77344	55891.99966	55891.37891	505521.2	5409577.2
L5520.0	505521.2	5409577.2	15033.79981	315.36	57.55	48.839144	-86.924757	55928.68	56243.8	6.23	55934.91	55929.69141	55892.69238	55892.33203	505521.2	5409577.2
L5520.0	505521.2	5409578.6	15033.90039	314.74	57.55	48.839157	-86.924757	55929.19	56243.8	6.23	55935.42	55930.50391	55889.58125	55889.49219	505521.2	5409578.6
L5520.0	505521.2	5409580.0	15034.00000	313.97	57.52	48.839169	-86.924757	55930.10	56243.8	6.23	55936.33	55931.72266	55894.12017	55894.30859	505521.2	5409580.0
L5520.0	505521.1	5409581.6	15034.09961	314.92	57.52	48.839184	-86.924757	55930.98	56243.8	6.23	55937.22	55932.93750	55897.08610	55897.55859	505521.1	5409581.6
L5520.0	505521.1	5409581.6	15034.20020	314.87	56.27	48.839184	-86.924757	55931.77	56243.8	6.24	55938.01	55934.06250	55896.69046	55897.45703	505521.1	5409581.6
L5520.0	505521.1	5409583.5	15034.29981	314.24	57.86	48.839201	-86.924757	55932.50	56243.8	6.24	55938.74	55935.14063	55893.80759	55894.87109	505521.1	5409583.5
L5520.0	505521.1	5409584.9	15034.40039	314.60	57.86	48.839214	-86.924757	55933.74	56243.8	6.24	55939.98	55936.74219	55901.20582	55902.57813	505521.1	5409584.9
L5520.0	505521.1	5409586.1	15034.50000	314.44	57.86	48.839224	-86.924758	55934.53	56243.8	6.25	55940.77	55937.90234	55897.39160	55899.07422	505521.1	5409586.1
L5520.0	505521.1	5409586.1	15034.59961	313.93	59.02	48.839224	-86.924758	55935.56	56243.8	6.25	55941.81	55939.32813	55898.07052	55900.07422	505521.1	5409586.1
L5520.0	505521.1	5409587.5	15034.70020	314.31	58.68	48.839237	-86.924758	55936.68	56243.7	6.25	55942.93	55940.84375	55899.46221	55901.79297	505521.1	5409587.5
L5520.0	505521.1	5409588.9	15034.79981	315.10	54.14	48.839249	-86.924758	55938.20	56243.7	6.25	55944.45	55942.77734	55908.94405	55911.60938	505521.1	5409588.9
L5520.0	505521.1	5409590.0	15034.90039	313.40	54.14	48.839260	-86.924758	55939.34	56243.7	6.26	55945.59	55944.33984	55908.73853	55911.74219	505521.1	5409590.0
L5520.0	505521.1	5409591.2	15035.00000	314.11	53.44	48.839270	-86.924758	55940.88	56243.7	6.26	55947.14	55946.32422	55917.07422	55920.42578	505521.1	5409591.2
L5520.0	505521.1	5409591.2	15035.00000	314.11	53.62	48.839270	-86.924758	55942.09	56243.7	6.26	55948.35	55947.98047	55916.61145	55920.31641	505521.1	5409591.2
L5520.0	505521.1	5409593.3	15035.20020	313.61	53.62	48.839289	-86.924758	55943.56	56243.7	6.26	55949.82	55949.91406	55921.39094	55925.45703	505521.1	5409593.3
L5520.0	505521.1	5409594.4	15035.29981	315.00	51.74	48.839299	-86.924758	55944.85	56243.7	6.27	55951.11	55951.67578	55921.09913	55925.53125	505521.1	5409594.4
L5520.0	505521.1	5409595.8	15035.40039	313.80	51.74	48.839312	-86.924758	55946.42	56243.7	6.27	55952.69	55953.74609	55926.97669	55931.78125	505521.1	5409595.8
L5520.0	505521.1	5409597.0	15035.50000	314.71	53.61	48.839322	-86.924758	55947.73	56243.7	6.27	55954.00	55955.55469	55925.66116	55930.84766	505521.1	5409597.0
L5520.0	505521.1	5409598.1	15035.59961	313.44	59.95	48.839332	-86.924758	55949.35	56243.7	6.27	55955.62	55957.68750	55931.19175	55936.76172	505521.1	5409598.1
L5520.0	505521.1	5409599.3	15035.70020	315.49	59.95	48.839343	-86.924758	55950.82	56243.7	6.27	55957.09	55959.68359	55932.49451	55938.45313	505521.1	5409599.3
L5520.0	505521.1	5409600.9	15035.79981	314.17	59.94	48.839357	-86.924758	55952.66	56243.7	6.28	55958.94	55962.07422	55942.56808	55948.92188	505521.1	5409600.9
L5520.0	505521.1	5409600.9	15035.90039	316.57	59.94	48.839357	-86.924758	55954.18	56243.7	6.28	55960.46	55964.14844	55944.09087	55950.84766	505521.1	5409600.9
L5520.0	505521.1	5409602.5	15036.00000	318.59	58.32	48.839372	-86.924757	55955.80	56243.7	6.28	55962.08	55966.33203	55947.64445	55954.80859	505521.1	5409602.5
L5520.0	505521.1	5409603.6	15036.09961	319.21	58.32	48.839382	-86.924757	55957.20	56243.7	6.28	55963.48	55968.31250	55945.43315	55953.00781	505521.1	5409603.6
L5520.0	505521.2	5409605.4	15036.20020	319.73	61.35	48.839398	-86.924757	55958.89	56243.7	6.28	55965.17	55970.59375	55950.03705	55958.02734	505521.2	5409605.4
L5520.0	505521.2	5409605.4	15036.29981	319.26	61.64	48.839398	-86.924757	55960.43	56243.7	6.29	55966.71	55972.73828	55950.72732	55959.14063	505521.2	5409605.4
L5520.0	505521.2	5409607.2	15036.40039	318.16	61.64	48.839414	-86.924756	55962.30	56243.7	6.29	55968.59	55975.23438	55959.49501	55968.33594	505521.2	5409607.2
L5520.0	505521.2	5409608.5	15036.50000	316.41	59.08	48.839426	-86.924755	55963.74	56243.7	6.29	55970.03	55977.30469	55957.45590	55966.72656	505521.2	5409608.5
L5520.0	505521.3	5409609.9	15036.59961	316.23	59.08	48.839439	-86.924755	55965.39	56243.7	6.29	55971.68	55979.59766	55960.42475	55970.12891	505521.3	5409609.9
L5520.0	505521.3	5409609.9	15036.70020	314.45	58.69	48.839439	-86.924755	55966.98	56243.7	6.29	55973.27	55981.84375	55961.94259	55972.08203	505521.3	5409609.9
L5520.0	505521.3	5409611.7	15036.79981	313.74	60.78	48.839455	-86.924754	55968.90	56243.7	6.30	55975.20	55984.44531	55971.46278	55982.04297	505521.3	5409611.7
L5520.0	505521.3	5409611.7	15036.90039	312.57	60.78	48.839455	-86.924754	55970.42	56243.7	6.30	55976.72	55986.64453	55971.40900	55982.43750	505521.3	5409611.7
L5520.0	505521.4	5409614.3	15037.00000	313.48	60.78	48.839478	-86.924753	55972.17	56243.7	6.30	55978.47	55989.08594	55976.77819	55988.25391	505521.4	5409614.3
L5520.0	505521.4	5409614.3	15037.00000	313.48	65.42	48.839478	-86.924753	55973.56	56243.7	6.30	55979.86	55991.17969	55974.11177	55986.03516	505521.4	5409614.3
L5520.0	505521.5	5409615.9	15037.20020	311.15	65.42	48.839492	-86.924752	55975.36	56243.7	6.31	55981.67	55993.70703	55981.10198	55993.47656	505521.5	5409615.9
L5520.0	505521.5	5409617.2	15037.29981	310.50	59.53	48.839504	-86.924752	55976.82	56243.7	6.32	55983.14	55995.90625	55980.74167	55993.57422	505521.5	5409617.2
L5520.0	505521.5	5409617.2	15037.40039	310.35	59.53	48.839504	-86.924752	55978.57	56243.7	6.32	55984.89	55998.39844	55986.76511	56000.05469	505521.5	5409617.2
L5520.0	505521.5	5409618.9	15037.50000	310.17	55.31	48.839520	-86.924751	55980.14	56243.7	6.32	55986.46	56000.71875	55989.14383	56002.89063	505521.5	5409618.9
L5520.0	505521.6	5409620.0	15037.59961	311.42	61.01	48.839529	-86.924751	55981.78	56243.7	6.33	55988.11	56003.13281	55993.53791	56007.74609	505521.6	5409620.0
L5520.0	505521.6	5409621.2	15037.70020	312.35	61.01	48.839540	-86.924750	55983.24	56243.7	6.33	55989.58	56005.37500	55994.48380	56009.15234	505521.6	5409621.2
L5520.0	505521.6	5409622.5	15037.79981	312.97	59.85	48.839551	-86.924750	55984.82	56243.7	6.34	55991.16	56007.74219	55998.13417	56013.26172	505521.6	5409622.5
L5520.0	505521.6	5409622.5	15037.90039	313.47	59.85	48.839551	-86.924750	55986.26	56243.7	6.35	55992.60	56009.97656	55999.29154	56014.88281	505521.6	5409622.5
L5520.0	505521.7	5409624.1	15038.00000	312.61	59.85	48.839566	-86.924749	55987.70	56243.7	6.35	55994.05	56012.23047	56001.11394	56017.16797	505521.7	5409624.1
L5520.0	505521.7	5409625.3	15038.09961	313.58	61.79	48.839577	-86.924749	55988.98	56243.6	6.35	55995.33	56014.32813	55999.87698	56016.39063	505521.7	5409625.3
L5520.0	505521.7	5409626.6	15038.20020	311.59	61.79	48.839589	-86.924748	55990.56	56243.6	6.36	55996.92	56016.74219	56005.59423	56022.57031	505521.7	5409626.6
L5520.0	505521.7	5409626.6	15038.29981	310.53	62.01	48.839589	-86.924748	55992.07	56243.6	6.36	55998.43	56019.08594	56010.19237	56027.62891	505521.7	5409626.6
L5520.0	505521.8	5409628.0	15038.40039	310.53	55.87	48.839602	-86.924748	55993.54	56243.6	6.36	55999.90	56021.40234	56014.52780	56032.42578	505521.8	5409628.0
L5520.0	505521.8	5409629.2	15038.50000	311.68	55.87	48.839612	-86.924748	55994.86	56243.6	6.36	56001.22	56023.57422	56016.26795	56034.62500	505521.8	5409629.2
L5520.0	505521.8	5409630.6	15038.59961	312.75	54.15	48.839625	-86.924747	55996.25	56243.6	6.37	56002.61	56025.82813	56020.09414	56038.90625	505521.8	5409630.6
L5520.0	505521.8	5409630.6	15038.70020	315.25	54.15	48.839625	-86.924747	55997.38	56243.6	6.37	56003.75	56027.83594	56019.11520	56038.38281	505521.8	5409630.6
L5520.0	505521.8	5409631.6	15038.79981	315.72	53.3	48.839634	-86.924747	55998.63	56243.6	6.37	56005.00	56029.96484	56021.10097	56040.82031	505521.8	5409631.6
L5520.0	505521.8	5409632.8	15038.90039	313.44	53.3	48.839644	-86.924747	55999.71	56243.6	6.38	56006.09	56031.94141	56020.16341	56040.33203	505521.8	5409632.8
L5520.0	505521.8	5409634.2	15039.00000	313.22	55.09	48.839657	-86.924747	56000.85	56243.6	6.38	56007.23	56033.97656	56020.91774	56041.53516	505521.8	5409634.2
L5520.0	505521.8	5409634.2	15039.00000	313.22	55.09	48.839657	-86.924747	56001.91	56243.6	6.38	56008.29	56035.93750	56020.49109	56041.55078	505521.8	5409634.2
L5520.0	505521.8	5409635.3	15039.20020	315.80	55.71	48.839667	-86.924747	56002.90	56243.6	6.39	56009.29	56037.84375	56019.32018	56040.82031	505521.8	5409635.3
L5520.0	505521.8	5409636.7	15039.29981	315.00	55.71	48.839680	-86.924747	56004.02	56243.6	6.39	56010.41	56039.87891	56021.49379	56043.42969	505521.8	5409636.7
L5520.0	505521.8	5409638.0	15039.40039	316.21	50.33	48.839692	-86.924748	56005.02	56243.6	6.40	56011.42	56041.80859	56021.81388	56044.18359	505521.8	5409638.0
L5520.0	505521.8	5409639.1	15039.50000	314.50	50.33	48.839702	-86.924748	56006.21	56243.6	6.40	56012.61	56043.92578	56026.91006	56049.70703	505521.8	5409639.1
L5520.0	505521.8	5409639.1	15039.59961	316.18	56.97	48.839702	-86.924748	56007.30	56243.6	6.40	56013.70	56045.94531	56030.38818	56053.60547	505521.8	5409639.1
L5520.0	505521.8	5409640.1	15039.70020	315.97	56.41	48.839710	-86.924748	56008.32	56243.6	6.41	56014.72	56047.90234	56032.92073	56056.55469	505521.8	5409640.1
L5520.0	505521.8	5409641.3	15039.79981	316.25	56.41	48.839721	-86.924748	56009.38	56243.6	6.41	56015.79	56049.91016	56037.27084	56061.31641	505521.8	5409641.3
L5520.0	505521.8	5409642.6	15039.90039	316.06	56.41	48.839733	-86.924748	56010.26	56243.6	6.42	56016.68	56051.74609	56038.12152	56062.57031	505521.8	5409642.6
L5520.0	505521.8	5409643.7	15040.00000	315.28	55.08	48.839743	-86.924748	56011.02	56243.6	6.42	56017.44	56053.45313	56036.61529	56061.46484	505521.8	5409643.7
L5520.0	505521.8	5409643.7	15040.09961	315.22	56.52	48.839743	-86.924748	56011.81	56243.6	6.42	56018.22	56055.18750	56036.22139	56061.46094	505521.8	5409643.7
L5520.0	505521.8	5409644.8	15040.20020	313.83	56.52	48.839752	-86.924748	56012.69	56243.6	6.42	56019.11	56057.03125	56039.02613	56064.64844	505521.8	5409644.8
L5520.0	505521.8	5409645.8	15040.29981	313.53	56.76	48.839761	-86.924748	56013.38	56243.6	6.42	56019.79	56058.67188	56037.60922	56063.60938	505521.8	5409645.8
L5520.0	505521.8	5409646.7	15040.40039	313.04	56.76	48.839769	-86.924748	56014.03	56243.6	6.42	56020.45	56060.28906	56036.36816	56062.73828	505521.8	5409646.7
L5520.0	505521.8	5409646.7	15040.50000	314.50	56.35	48.839769	-86.924748	56014.71	56243.6	6.42	56021.13	56061.93359	56036.22492	56062.95703	505521.8	5409646.7
L5520.0	505521.8	5409647.9	15040.59961	313.50	54.64	48.839780	-86.924748	56015.37	56243.6	6.42	56021.79	56063.55469	56036.24465	56063.33203	505521.8	5409647.9
L5520.0	505521.8	5409648.8	15040.70020	313.40	54.64	48.839789	-86.924748	56016.16	56243.6	6.42	56022.58	56065.30859	56039.90689	56067.33594	505521.8	5409648.8
L5520.0	505521.8	5409649.8	15040.79981	313.05	54.64	48.839797	-86.924748	56016.92	56243.6	6.42	56023.34	56067.03516	56043.49234	56071.25781	505521.8	5409649.8
L5520.0	505521.8	5409649.8	15040.90039	314.87	46.87	48.839797	-86.924748	56017.36	56243.6	6.42	56023.78	56068.44141	56040.23307	56068.32422	505521.8	5409649.8
L5520.0	505521.8	5409650.9	15041.00000	314.46	46.98	48.839808	-86.924748	56017.90	56243.6	6.42	56024.32	56069.94922	56039.89480	56068.30469	505521.8	5409650.9

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5520.0	505521.8	5409651.9	15041.00000	314.46	46.98	48.839816	-86.924747	56018.46	56243.6	6.42	56024.88	56071.47266	56040.61156	56069.32813	505521.8	5409651.9
L5520.0	505521.8	5409652.5	15041.20020	316.37	49.05	48.839821	-86.924747	56019.16	56243.6	6.43	56025.60	56073.15625	56045.67576	56074.68750	505521.8	5409652.5
L5520.0	505521.8	5409653.5	15041.29981	315.97	51.04	48.839831	-86.924747	56019.64	56243.6	6.44	56026.08	56074.60156	56045.68093	56074.98047	505521.8	5409653.5
L5520.0	505521.8	5409653.5	15041.40039	316.59	51.15	48.839831	-86.924747	56020.15	56243.6	6.44	56026.60	56076.08594	56047.19715	56076.76953	505521.8	5409653.5
L5520.0	505521.8	5409654.4	15041.50000	314.92	51.15	48.839839	-86.924747	56020.53	56243.6	6.45	56026.98	56077.42578	56045.93716	56075.77734	505521.8	5409654.4
L5520.0	505521.8	5409655.5	15041.59961	316.33	51.86	48.839848	-86.924747	56020.98	56243.5	6.46	56027.44	56078.84375	56047.11809	56077.20703	505521.8	5409655.5
L5520.0	505521.8	5409655.5	15041.70020	315.62	51.9	48.839848	-86.924747	56021.36	56243.5	6.46	56027.82	56080.17969	56046.90400	56077.23438	505521.8	5409655.5
L5520.0	505521.8	5409656.6	15041.79981	316.32	50.06	48.839858	-86.924747	56021.79	56243.5	6.47	56028.26	56081.57422	56048.65221	56079.21484	505521.8	5409656.6
L5520.0	505521.8	5409657.6	15041.90039	316.58	50.06	48.839867	-86.924747	56021.97	56243.5	6.47	56028.45	56082.71484	56044.82166	56075.60547	505521.8	5409657.6
L5520.0	505521.8	5409658.4	15042.00000	316.16	48.59	48.839875	-86.924747	56022.32	56243.5	6.48	56028.80	56084.01172	56045.35723	56076.34766	505521.8	5409658.4
L5520.0	505521.8	5409658.4	15042.09961	316.80	49.47	48.839875	-86.924747	56022.66	56243.5	6.48	56029.14	56085.29297	56046.12447	56077.30469	505521.8	5409658.4
L5520.0	505521.8	5409659.3	15042.20020	316.90	47.88	48.839883	-86.924747	56023.08	56243.5	6.48	56029.56	56086.65625	56049.33066	56080.69531	505521.8	5409659.3
L5520.0	505521.8	5409660.1	15042.29981	318.46	47.88	48.839890	-86.924747	56023.29	56243.5	6.48	56029.77	56087.80078	56047.81765	56079.35156	505521.8	5409660.1
L5520.0	505521.8	5409660.1	15042.40039	317.74	47.41	48.839890	-86.924747	56023.62	56243.5	6.48	56030.11	56089.07422	56049.95330	56081.64453	505521.8	5409660.1
L5520.0	505521.8	5409661.2	15042.50000	318.31	45.2	48.839900	-86.924747	56023.92	56243.5	6.49	56030.40	56090.28906	56051.28457	56083.12109	505521.8	5409661.2
L5520.0	505521.8	5409661.2	15042.59961	317.71	45.56	48.839900	-86.924747	56024.13	56243.5	6.49	56030.61	56091.42188	56051.05495	56083.01953	505521.8	5409661.2
L5520.0	505521.8	5409662.4	15042.70020	318.08	45.56	48.839911	-86.924747	56024.22	56243.5	6.49	56030.71	56092.44141	56048.51337	56080.59766	505521.8	5409662.4
L5520.0	505521.8	5409663.0	15042.79981	316.58	42.03	48.839917	-86.924747	56024.45	56243.5	6.49	56030.94	56093.58203	56049.58559	56081.77734	505521.8	5409663.0
L5520.0	505521.8	5409663.9	15042.90039	314.07	39.57	48.839924	-86.924747	56024.47	56243.5	6.49	56030.96	56094.51172	56045.86113	56078.14453	505521.8	5409663.9
L5520.0	505521.8	5409664.4	15043.00000	312.93	45.11	48.839929	-86.924747	56024.65	56243.5	6.49	56031.14	56095.58984	56046.46559	56078.82813	505521.8	5409664.4
L5520.0	505521.8	5409665.1	15043.00000	312.93	45.11	48.839935	-86.924747	56024.66	56243.5	6.49	56031.15	56096.49609	56043.24910	56075.67969	505521.8	5409665.1
L5520.0	505521.8	5409665.7	15043.20020	314.71	47.05	48.839940	-86.924747	56024.95	56243.5	6.49	56031.45	56097.68750	56047.51965	56080.00000	505521.8	5409665.7
L5520.0	505521.8	5409666.2	15043.29981	314.94	45.98	48.839945	-86.924747	56024.95	56243.5	6.49	56031.45	56098.57031	56044.75464	56077.27734	505521.8	5409666.2
L5520.0	505521.8	5409666.2	15043.40039	314.94	48.08	48.839945	-86.924747	56025.09	56243.5	6.49	56031.58	56099.57813	56045.50791	56078.05859	505521.8	5409666.2
L5520.0	505521.8	5409667.0	15043.50000	316.15	47.98	48.839952	-86.924747	56025.08	56243.5	6.49	56031.58	56100.44922	56043.38506	56075.94922	505521.8	5409667.0
L5520.0	505521.8	5409667.7	15043.59961	316.01	47.98	48.839958	-86.924747	56025.14	56243.5	6.50	56031.63	56101.36719	56042.78340	56075.34766	505521.8	5409667.7
L5520.0	505521.9	5409668.4	15043.70020	314.67	46.76	48.839965	-86.924746	56025.16	56243.5	6.50	56031.66	56102.25391	56041.97114	56074.52344	505521.9	5409668.4
L5520.0	505521.9	5409668.8	15043.79981	316.10	46.76	48.839968	-86.924746	56025.34	56243.5	6.50	56031.83	56103.27734	56044.84780	56077.37500	505521.9	5409668.8
L5520.0	505521.9	5409668.8	15043.90039	314.58	43.64	48.839968	-86.924746	56025.34	56243.5	6.50	56031.84	56104.13672	56044.05383	56076.54688	505521.9	5409668.8
L5520.0	505521.9	5409670.0	15044.00000	315.76	40.31	48.839979	-86.924745	56025.46	56243.5	6.50	56031.96	56105.09375	56046.18340	56078.62500	505521.9	5409670.0
L5520.0	505521.9	5409670.0	15044.09961	314.32	36.98	48.839979	-86.924745	56025.41	56243.5	6.50	56031.92	56105.88672	56044.60689	56076.98438	505521.9	5409670.0
L5520.0	505522.0	5409670.5	15044.20020	312.66	35.91	48.839984	-86.924745	56025.52	56243.5	6.51	56032.03	56106.82422	56046.90674	56079.21094	505522.0	5409670.5
L5520.0	505522.0	5409671.2	15044.29981	313.43	37.44	48.839990	-86.924745	56025.41	56243.5	6.51	56031.93	56107.54688	56044.23256	56076.44922	505522.0	5409671.2
L5520.0	505522.0	5409671.2	15044.40039	313.92	40.65	48.839990	-86.924745	56025.41	56243.5	6.52	56031.93	56108.35938	56044.17815	56076.29688	505522.0	5409671.2
L5520.0	505522.0	5409671.9	15044.50000	316.32	40.65	48.839996	-86.924744	56025.36	56243.5	6.53	56031.88	56109.11719	56043.03895	56075.04688	505522.0	5409671.9
L5520.0	505522.0	5409672.4	15044.59961	316.58	39.12	48.840000	-86.924744	56025.48	56243.5	6.53	56032.01	56110.04688	56046.48667	56078.37109	505522.0	5409672.4
L5520.0	505522.0	5409672.4	15044.70020	316.96	42.88	48.840000	-86.924744	56025.39	56243.5	6.54	56031.92	56110.75391	56044.61145	56076.35938	505522.0	5409672.4
L5520.0	505522.1	5409673.0	15044.79981	316.92	44.5	48.840006	-86.924743	56025.44	56243.5	6.54	56031.98	56111.60156	56046.57280	56078.17578	505522.1	5409673.0
L5520.0	505522.1	5409673.4	15044.90039	318.18	45.31	48.840009	-86.924743	56025.26	56243.5	6.55	56031.81	56112.21484	56042.88472	56074.33594	505522.1	5409673.4
L5520.0	505522.1	5409673.8	15045.00000	316.11	45.31	48.840013	-86.924743	56025.34	56243.4	6.55	56031.89	56113.07031	56045.53988	56076.82422	505522.1	5409673.8
L5520.0	505522.1	5409674.2	15045.00000	316.11	43.65	48.840017	-86.924743	56025.31	56243.4	6.55	56031.86	56113.81250	56045.51358	56076.61719	505522.1	5409674.2
L5520.0	505522.1	5409674.2	15045.20020	315.94	42.75	48.840017	-86.924743	56025.36	56243.4	6.55	56031.91	56114.62500	56047.58919	56078.50781	505522.1	5409674.2
L5520.0	505522.1	5409674.7	15045.29981	315.38	41.63	48.840022	-86.924743	56025.21	56243.4	6.56	56031.76	56115.23438	56044.63108	56075.35156	505522.1	5409674.7
L5520.0	505522.1	5409675.3	15045.40039	316.15	41.05	48.840027	-86.924743	56025.21	56243.4	6.56	56031.77	56116.00000	56045.81253	56076.32813	505522.1	5409675.3
L5520.0	505522.1	5409675.3	15045.50000	318.59	41.05	48.840027	-86.924743	56025.14	56243.4	6.56	56031.70	56116.67578	56044.98932	56075.28906	505522.1	5409675.3
L5520.0	505522.1	5409675.7	15045.59961	316.77	40.99	48.840030	-86.924743	56025.11	56243.4	6.56	56031.67	56117.38672	56045.25164	56075.32422	505522.1	5409675.7
L5520.0	505522.1	5409676.1	15045.70020	315.58	40.81	48.840034	-86.924743	56024.98	56243.4	6.56	56031.54	56117.99609	56042.94337	56072.78516	505522.1	5409676.1
L5520.0	505522.1	5409676.1	15045.79981	315.90	39.31	48.840034	-86.924743	56024.98	56243.4	6.57	56031.54	56118.73047	56044.10158	56073.70313	505522.1	5409676.1
L5520.0	505522.1	5409676.5	15045.90039	315.84	39.31	48.840038	-86.924743	56024.78	56243.4	6.57	56031.35	56119.26563	56039.27397	56068.62500	505522.1	5409676.5
L5520.0	505522.1	5409676.8	15046.00000	316.04	38.83	48.840040	-86.924743	56024.75	56243.4	6.57	56031.32	56119.96094	56039.98293	56069.07813	505522.1	5409676.8
L5520.0	505522.1	5409677.2	15046.09961	317.06	39.22	48.840044	-86.924743	56024.60	56243.4	6.57	56031.18	56120.53906	56038.93551	56067.76563	505522.1	5409677.2
L5520.0	505522.1	5409677.5	15046.20020	319.18	39.73	48.840047	-86.924743	56024.56	56243.4	6.58	56031.13	56121.20313	56039.51576	56068.07813	505522.1	5409677.5
L5520.0	505522.1	5409677.5	15046.29981	320.00	38.87	48.840047	-86.924743	56024.40	56243.4	6.58	56030.98	56121.76563	56038.48437	56066.76953	505522.1	5409677.5
L5520.0	505522.1	5409677.8	15046.40039	320.78	38.87	48.840049	-86.924743	56024.33	56243.4	6.59	56030.91	56122.40625	56038.93306	56066.93750	505522.1	5409677.8
L5520.0	505522.1	5409678.0	15046.50000	318.61	35.77	48.840052	-86.924743	56024.17	56243.4	6.59	56030.76	56122.96094	56038.09572	56065.81250	505522.1	5409678.0
L5520.0	505522.1	5409678.4	15046.59961	319.79	38.89	48.840054	-86.924743	56024.15	56243.4	6.59	56030.74	56123.64063	56039.64396	56067.06641	505522.1	5409678.4
L5520.0	505522.1	5409678.6	15046.70020	318.50	38.89	48.840056	-86.924743	56024.02	56243.4	6.60	56030.62	56124.21875	56039.55006	56066.67578	505522.1	5409678.6
L5520.0	505522.1	5409678.8	15046.79981	319.47	39.58	48.840058	-86.924743	56024.02	56243.4	6.60	56030.63	56124.92578	56041.88112	56068.70703	505522.1	5409678.8
L5520.0	505522.1	5409679.0	15046.90039	320.75	43.7	48.840060	-86.924743	56023.87	56243.4	6.61	56030.48	56125.46875	56041.48413	56068.00781	505522.1	5409679.0
L5520.0	505522.0	5409679.1	15047.00000	319.39	43.7	48.840061	-86.924744	56023.92	56243.4	6.61	56030.53	56126.21094	56044.79239	56071.00781	505522.0	5409679.1
L5520.0	505522.0	5409679.3	15047.00000	319.39	43.23	48.840063	-86.924744	56023.89	56243.4	6.61	56030.50	56126.87109	56046.79840	56072.70313	505522.0	5409679.3
L5520.0	505522.0	5409679.5	15047.20020	322.54	43.14	48.840064	-86.924744	56023.87	56243.4	6.61	56030.48	56127.54297	56049.11609	56074.70703	505522.0	5409679.5
L5520.0	505522.0	5409679.6	15047.29981	322.25	43.14	48.840066	-86.924744	56023.87	56243.4	6.61	56030.48	56128.23047	56051.93064	56077.20703	505522.0	5409679.6
L5520.0	505522.0	5409679.7	15047.40039	320.52	41.47	48.840067	-86.924745	56023.97	56243.4	6.61	56030.58	56129.01563	56056.70547	56081.66797	505522.0	5409679.7
L5520.0	505522.0	5409679.8	15047.50000	321.95	41.04	48.840067	-86.924745	56024.07	56243.4	6.61	56030.68	56129.80078	56061.62961	56086.27344	505522.0	5409679.8
L5520.0	505521.9	5409679.9	15047.59961	319.55	40.18	48.840068	-86.924745	56024.25	56243.4	6.61	56030.86	56130.66797	56068.17162	56092.49609	505521.9	5409679.9
L5520.1	505520.8	5409644.8	13515.79981	421.86	0	48.839753	-86.924760	56161.80	56250.9	-0.90	56160.89	56053.25781	56455.46877	56155.46875	505520.8	5409644.8
L5520.1	505520.8	5409645.1	13515.90039	421.86	0	48.839755	-86.924761	56161.50	56250.9	-0.90	56160.60	56054.18750	56429.61801	56134.53906	505520.8	5409645.1
L5520.1	505520.8	5409645.1	13516.00000	424.47	0	48.839755	-86.924761	56161.38	56250.9	-0.90	56160.48	56055.28516	56408.44227	56118.28125	505520.8	5409645.1
L5520.1	505520.8	5409645.3	13516.09961	425.67	0	48.839757	-86.924762	56161.14	56250.9	-0.90	56160.24	56056.26172	56384.65070	56099.40625	505520.8	5409645.3
L5520.1	505520.8	5409645.3	13516.20020	425.31	0	48.839757	-86.924762	56161.07	56250.9	-0.90	56160.17	56057.40625	56365.54524	56085.21094	505520.8	5409645.3
L5520.1	505520.7	5409645.5	13516.20020	425.31	0	48.839759	-86.924762	56161.26	56250.9	-0.90	56160.36	56058.81250	56353.39513	56077.96094	505520.7	5409645.5
L5520.1	505520.7	5409645.8	13516.40039	423.61	0	48.839762	-86.924763	56161.20	56250.9	-0.90	56160.30	56059.96484	56335.37256	56064.83203	505520.7	5409645.8
L5520.1	505520.6	5409646.1	13516.50000	423.09	0	48.839764	-86.924763	56161.32	56250.9	-0.89	56160.42	56061.29688	56322.30039	56056.64063	505520.6	5409646.1
L5520.1	505520.6	5409646.1	13516.59961	420.40	0	48.839764	-86.924763	56160.97	56250.9	-0.89	56160.07	56062.15234	56297.82722	56037.03906	505520.6	5409646.1
L5520.1	505520.6	5409646.4	13516.70020	418.88	0	48.839767	-86.924763	56161.27	56250.9	-0.89	56160.38	56063.66797	56290.38741	56034.45703	505520.6	5409646.4
L5520.1	505520.6	5409646.8	13516.79981	419.83	0	48.839770	-86.924763	56161.75	56250.9	-0.89	56160.85	56065.33984	56287.40257	56036.31250	505520.6	5409646.8
L5520.1	505520.6	5409647.2	13516.90039	420.97	0	48.839774	-86.924763	56162.38	56250.9	-0.89	56161.49	56067.17969	56289.12579	56042.85547	505520.6	5409647.2
L5520.1	505520.6	5409647.2	13517.00000	420.91	0	48.839774	-86.924763	56162.34	56250.9	-0.89	56161.45	56068.33594	56274.17125	56032.70313	505520.6	5409647.2
L5520.1	505520.7	5409647.7	13517.09961	421.86	0	48.839778	-86.924763	56163.34	56250.9	-0.89	56162.45	56070.52734	56285.81603	56049.12891	505520.7	5409647.7
L5520.1	505520.7	5409647.7	13517.20020	422.99	0	48.839778	-86.924763	56163.22	56250.9	-0.89	56162.33	56071.59375	56269.71244	56037.78516	505520.7	5409647.7
L5520.1	505520.7	5409648.1	13517.29981	423.25	0	48.839782	-86.924763	56163.68	56250.9	-0.89	56162.79	56073.23828	56268.63324	56041.44141	505520.7	5409648.1
L5520.1	505520.7	5409648.6	13517.40039	421.29	0	48.839787	-86.924762	56163.90	56250.9	-0.89	56163.02	56074.64453	56262.19683	56039.71094	505520.7	5409648.6
L5520.1	505520.7	5409648.6	13517.50000	421.61	0	48.839787	-86.924762	56163.84	56250.9	-0.88	56162.96	56075.75781	56248.89174	56031.08594	505520.7	5409648.6
L5520.1	505520.7	5409649.1	13517.59961	422.08	0	48.839791	-86.924762	56164.36	56250.9	-0.88	56163.47	56077.43359	56250.35398	56037.19922	505520.7	5409649.1
L5520.1	505520.8	5409649.6	13517.70020	417.90	0	48.839796	-86.924761	56164.25	56250.9	-0.88	56163.36	56078.48438	56236.63923	56028.10547	505520.8	5409649.6
L5520.1	505520.8	5409650.1	13517.79981	421.05	0	48.839800	-86.924761	56164.11	56250.9	-0.88	56163.23	56079.50781	56222.84064	56018.89453	505520.8	5409650.1
L5520.1	505520.8	5409650.1	13517.90039	422.71	0	48.839800	-86.924761	56163.90	56250.9	-0.88	56163.02	56080.44531	56207.44466	56008.05078	505520.8	5409650.1
L5520.1	505520.9	5409650.7	13518.00000	423.70	0	48.839805	-86.924760	56164.05	56250.9	-0.88	56163.17	56081.73438	56201.51774	56006.64453	505520.9	5409650.7
L5520.1	505520.9	5409650.7	13518.09961	425.40	0	48.839805	-86.924760	56163.86	56250.9	-0.88	56162.98	56082.67969	56187.44241	55997.05078	505520.9	5409650.7
L5520.1	505520.9	5409651.4	13518.20020	427.68	0	48.839812	-86.924759	56163.52	56250.9	-0.88	56162.64	56083.46484	56169.99395	55984.04688	505520.9	5409651.4
L5520.1	505521.0	5409651.9	13518.20020	427.68	0	48.839817	-86.924758	56163.40	56250.9	-0.88	56162.52	56084.46484	56158.47617	55976.93359	505521.0	5409651.9
L5520.1	505521.0	5409652.4	13518.40039	430.36	0	48.839821	-86.924758	56163.26	56250.9	-0.88	56162.38	56085.43750	56146.84430	55969.66406	505521.0	5409652.4

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5520.1	505521.0	5409652.4	13518.50000	426.24	0	48.839821	-86.924758	56163.35	56250.9	-0.88	56162.47	56086.62891	56141.38201	55968.52344	505521.0	5409652.4
L5520.1	505521.1	5409653.1	13518.59961	425.57	0	48.839827	-86.924757	56162.74	56250.9	-0.88	56161.86	56087.11328	56118.68274	55950.10156	505521.1	5409653.1
L5520.1	505521.2	5409653.6	13518.70020	424.67	0	48.839831	-86.924756	56163.09	56250.9	-0.88	56162.21	56088.54688	56120.50626	55956.16016	505521.2	5409653.6
L5520.1	505521.2	5409653.6	13518.79981	424.90	0	48.839831	-86.924756	56162.96	56250.9	-0.88	56162.08	56089.49609	56110.61327	55950.45313	505521.2	5409653.6
L5520.1	505521.3	5409654.5	13518.90039	423.36	0	48.839839	-86.924755	56163.14	56250.9	-0.88	56162.26	56090.74219	56108.87288	55952.85547	505521.3	5409654.5
L5520.1	505521.3	5409655.1	13519.00000	424.80	0	48.839845	-86.924754	56163.17	56250.9	-0.88	56162.29	56091.83203	56103.70283	55951.77734	505521.3	5409655.1
L5520.1	505521.3	5409655.1	13519.09961	426.18	0	48.839845	-86.924754	56163.50	56250.9	-0.88	56162.62	56093.21094	56106.41699	55958.53516	505521.3	5409655.1
L5520.1	505521.3	5409655.8	13519.20020	426.44	0	48.839851	-86.924753	56163.63	56250.9	-0.88	56162.75	56094.38281	56104.42611	55960.53906	505521.3	5409655.8
L5520.1	505521.4	5409656.5	13519.20020	426.44	0	48.839858	-86.924753	56163.74	56250.9	-0.88	56162.86	56095.52344	56102.25012	55962.30469	505521.4	5409656.5
L5520.1	505521.4	5409656.5	13519.40039	422.40	0	48.839858	-86.924753	56163.90	56250.9	-0.87	56163.03	56096.71094	56101.89268	55965.83594	505521.4	5409656.5
L5520.1	505521.4	5409657.3	13519.50000	422.40	0	48.839865	-86.924753	56163.86	56250.9	-0.87	56162.99	56097.68359	56096.55091	55964.33594	505521.4	5409657.3
L5520.1	505521.4	5409658.0	13519.59961	425.39	0	48.839871	-86.924753	56164.18	56250.9	-0.87	56163.31	56099.00000	56100.55694	55972.12500	505521.4	5409658.0
L5520.1	505521.4	5409658.0	13519.70020	425.39	0	48.839871	-86.924753	56164.23	56250.9	-0.87	56163.37	56100.05078	56098.30133	55973.60156	505521.4	5409658.0
L5520.1	505521.4	5409658.6	13519.79981	425.87	0	48.839877	-86.924753	56164.50	56250.9	-0.86	56163.64	56101.30078	56101.59985	55980.57422	505521.4	5409658.6
L5520.1	505521.4	5409659.4	13519.90039	425.87	0	48.839883	-86.924753	56164.52	56250.9	-0.86	56163.65	56102.27734	56098.61699	55981.21094	505521.4	5409659.4
L5520.1	505521.4	5409659.4	13520.00000	433.44	0	48.839883	-86.924753	56164.86	56250.9	-0.86	56164.00	56103.58203	56104.43929	55990.59766	505521.4	5409659.4
L5520.1	505521.4	5409660.0	13520.09961	433.44	0	48.839890	-86.924753	56164.88	56250.9	-0.86	56164.02	56104.55078	56102.19896	55991.86328	505521.4	5409660.0
L5520.1	505521.3	5409660.9	13520.20020	432.79	0	48.839897	-86.924754	56165.14	56250.9	-0.86	56164.28	56105.74609	56106.22766	55999.33984	505521.3	5409660.9
L5520.1	505521.3	5409660.9	13520.20020	432.79	0	48.839897	-86.924754	56165.02	56250.9	-0.86	56164.16	56106.54688	56100.91562	55997.41797	505521.3	5409660.9
L5520.1	505521.3	5409661.6	13520.29981	432.79	0	48.839904	-86.924754	56165.12	56250.9	-0.86	56164.26	56107.56250	56101.34938	56001.18359	505521.3	5409661.6
L5520.1	505521.2	5409662.5	13520.50000	437.73	0	48.839911	-86.924755	56165.37	56250.9	-0.86	56164.51	56108.71094	56105.75773	56008.86719	505521.2	5409662.5
L5520.1	505521.2	5409663.4	13520.59961	436.09	0	48.839920	-86.924756	56165.32	56250.9	-0.86	56164.46	56109.55078	56102.80840	56009.13281	505521.2	5409663.4
L5520.1	505521.2	5409663.4	13520.70020	433.98	0	48.839920	-86.924756	56165.24	56250.9	-0.86	56164.38	56110.34766	56099.28505	56008.76563	505521.2	5409663.4
L5520.1	505521.1	5409664.4	13520.79981	433.37	0	48.839929	-86.924756	56165.20	56250.9	-0.86	56164.34	56111.17578	56096.93929	56009.51563	505521.1	5409664.4
L5520.1	505521.1	5409665.3	13520.90039	433.37	0	48.839937	-86.924757	56165.46	56250.9	-0.86	56164.60	56112.29297	56102.30342	56017.91406	505521.1	5409665.3
L5520.1	505521.1	5409665.3	13521.00000	436.03	0	48.839937	-86.924757	56165.70	56250.9	-0.86	56164.84	56113.37500	56107.31659	56025.90234	505521.1	5409665.3
L5520.1	505521.1	5409666.0	13521.09961	436.79	0	48.839943	-86.924757	56165.72	56250.9	-0.86	56164.86	56114.22656	56106.93741	56028.44141	505521.1	5409666.0
L5520.1	505521.0	5409667.1	13521.20020	437.29	0	48.839953	-86.924758	56165.77	56250.9	-0.86	56164.91	56115.09766	56107.44711	56031.80469	505521.0	5409667.1
L5520.1	505521.0	5409667.9	13521.29981	434.33	0	48.839961	-86.924758	56165.52	56250.9	-0.86	56164.66	56115.65625	56100.53379	56027.68750	505521.0	5409667.9
L5520.1	505521.0	5409667.9	13521.40039	434.69	0	48.839961	-86.924758	56165.57	56250.9	-0.86	56164.71	56116.50000	56101.28540	56031.17188	505521.0	5409667.9
L5520.1	505520.9	5409668.8	13521.50000	433.85	0	48.839969	-86.924759	56165.57	56250.9	-0.86	56164.71	56117.28516	56100.88729	56033.44922	505520.9	5409668.8
L5520.1	505520.9	5409668.8	13521.59961	433.57	0	48.839969	-86.924759	56165.62	56250.9	-0.86	56164.76	56118.10938	56101.84746	56037.02344	505520.9	5409668.8
L5520.1	505520.9	5409669.8	13521.70020	436.82	0	48.839977	-86.924759	56165.57	56250.9	-0.86	56164.71	56118.82031	56100.38395	56038.11719	505520.9	5409669.8
L5520.1	505520.9	5409670.8	13521.79981	434.87	0	48.839987	-86.924760	56165.70	56250.9	-0.86	56164.84	56119.70313	56103.53426	56043.76172	505520.9	5409670.8
L5520.1	505520.8	5409672.0	13521.90039	434.87	0	48.839997	-86.924760	56165.67	56250.9	-0.86	56164.81	56120.41016	56102.73644	56045.40234	505520.8	5409672.0
L5520.1	505520.8	5409672.0	13522.00000	435.77	0	48.839997	-86.924760	56165.42	56250.9	-0.86	56164.56	56120.88672	56096.47386	56041.51563	505520.8	5409672.0
L5520.1	505520.8	5409673.1	13522.09961	436.63	0	48.840007	-86.924760	56165.49	56250.9	-0.86	56164.63	56121.67578	56098.32675	56045.68750	505520.8	5409673.1
L5520.1	505520.8	5409673.9	13522.20020	432.83	0	48.840014	-86.924760	56165.75	56250.9	-0.86	56164.89	56122.63672	56105.01784	56054.63672	505520.8	5409673.9
L5520.1	505520.8	5409673.9	13522.20020	432.83	0	48.840014	-86.924760	56165.58	56250.9	-0.86	56164.72	56123.16016	56100.94137	56052.76172	505520.8	5409673.9
L5520.1	505520.8	5409675.1	13522.40039	431.41	0	48.840025	-86.924760	56165.66	56250.9	-0.86	56164.80	56123.92188	56103.20104	56057.16797	505520.8	5409675.1
L5520.1	505520.8	5409676.1	13522.50000	430.52	0	48.840034	-86.924760	56165.78	56250.9	-0.85	56164.93	56124.72266	56106.75931	56062.81250	505520.8	5409676.1
L5520.1	505520.8	5409676.1	13522.59961	430.82	0	48.840034	-86.924760	56165.32	56250.9	-0.85	56164.46	56124.91406	56095.25658	56053.33984	505520.8	5409676.1
L5520.1	505520.8	5409677.3	13522.70020	433.52	0	48.840044	-86.924760	56165.80	56250.9	-0.85	56164.94	56126.04297	56107.68751	56067.74609	505520.8	5409677.3
L5520.1	505520.8	5409678.5	13522.79981	434.99	0	48.840056	-86.924760	56165.57	56250.9	-0.85	56164.71	56126.44922	56102.28068	56064.25781	505520.8	5409678.5
L5520.1	505520.8	5409678.5	13522.90039	434.99	0	48.840056	-86.924760	56165.67	56250.9	-0.85	56164.82	56127.18750	56105.45100	56069.29297	505520.8	5409678.5
L5520.1	505520.8	5409678.5	13523.00000	437.86	0	48.840056	-86.924760	56165.85	56250.8	-0.85	56165.00	56127.98047	56110.40134	56076.05469	505520.8	5409678.5
L5520.1	505520.8	5409680.0	13523.09961	438.79	0	48.840069	-86.924760	56165.52	56250.8	-0.85	56164.67	56128.25781	56102.53504	56069.94531	505520.8	5409680.0
L5520.1	505520.8	5409681.2	13523.20020	437.00	0	48.840080	-86.924761	56165.59	56250.8	-0.85	56164.74	56128.92188	56104.74549	56073.85938	505520.8	5409681.2
L5520.1	505520.8	5409681.2	13523.29981	437.84	0	48.840080	-86.924761	56165.57	56250.8	-0.85	56164.72	56129.48828	56104.70115	56075.46484	505520.8	5409681.2
L5520.1	505520.8	5409682.5	13523.40039	435.76	0	48.840092	-86.924761	56165.57	56250.8	-0.85	56164.72	56130.06250	56105.16736	56077.53516	505520.8	5409682.5
L5520.1	505520.8	5409683.8	13523.50000	436.49	0	48.840103	-86.924760	56165.29	56250.8	-0.85	56164.44	56130.34766	56098.59380	56072.51172	505520.8	5409683.8
L5520.1	505520.8	5409683.8	13523.59961	435.35	0	48.840103	-86.924760	56165.49	56250.8	-0.85	56164.64	56131.10156	56104.10099	56079.51563	505520.8	5409683.8
L5520.1	505520.8	5409685.2	13523.70020	434.38	0	48.840115	-86.924760	56165.49	56250.8	-0.85	56164.64	56131.64453	56104.57809	56081.44531	505520.8	5409685.2
L5520.1	505520.8	5409686.2	13523.79981	425.68	0	48.840125	-86.924760	56165.44	56250.8	-0.85	56164.59	56132.12891	56103.79810	56082.07031	505520.8	5409686.2
L5520.1	505520.8	5409687.4	13523.90039	425.68	0	48.840136	-86.924760	56165.30	56250.8	-0.85	56164.45	56132.51563	56100.75370	56080.38281	505520.8	5409687.4
L5520.1	505520.8	5409687.4	13524.00000	433.43	0	48.840136	-86.924760	56165.21	56250.8	-0.85	56164.36	56132.94141	56098.96684	56079.90234	505520.8	5409687.4
L5520.1	505520.8	5409688.4	13524.09961	434.96	0	48.840144	-86.924760	56165.34	56250.8	-0.85	56164.49	56133.57422	56102.71454	56084.91406	505520.8	5409688.4
L5520.1	505520.8	5409689.5	13524.20020	433.31	0	48.840155	-86.924760	56165.21	56250.8	-0.85	56164.37	56133.95313	56100.17111	56083.58984	505520.8	5409689.5
L5520.1	505520.8	5409689.5	13524.20020	433.31	0	48.840155	-86.924760	56165.34	56250.8	-0.85	56164.49	56134.56250	56103.66554	56088.26172	505520.8	5409689.5
L5520.1	505520.8	5409690.6	13524.40039	434.59	0	48.840165	-86.924760	56165.28	56250.8	-0.84	56164.44	56134.99219	56102.88229	56088.61328	505520.8	5409690.6
L5520.1	505520.8	5409691.8	13524.50000	432.19	0	48.840176	-86.924760	56165.26	56250.8	-0.84	56164.42	56135.44141	56102.85412	56089.67578	505520.8	5409691.8
L5520.1	505520.8	5409693.1	13524.59961	435.00	0	48.840187	-86.924760	56164.96	56250.8	-0.84	56164.12	56135.60547	56095.78198	56083.65625	505520.8	5409693.1
L5520.1	505520.8	5409693.1	13524.70020	435.53	0	48.840187	-86.924760	56164.78	56250.8	-0.84	56163.95	56135.88672	56091.98283	56080.86719	505520.8	5409693.1
L5520.1	505520.8	5409694.0	13524.79981	436.56	0	48.840195	-86.924760	56164.77	56250.8	-0.83	56163.93	56136.31250	56091.96105	56081.81641	505520.8	5409694.0
L5520.1	505520.8	5409695.1	13524.90039	436.56	0	48.840205	-86.924760	56164.73	56250.8	-0.83	56163.90	56136.72266	56091.69224	56082.48438	505520.8	5409695.1
L5520.1	505520.8	5409696.3	13525.00000	435.40	0	48.840216	-86.924760	56164.73	56250.8	-0.83	56163.90	56137.15234	56092.18430	56083.87500	505520.8	5409696.3
L5520.1	505520.8	5409696.3	13525.09961	435.88	0	48.840216	-86.924760	56164.67	56250.8	-0.83	56163.84	56137.51172	56091.17434	56083.72656	505520.8	5409696.3
L5520.1	505520.8	5409697.8	13525.20020	436.61	0	48.840229	-86.924761	56164.53	56250.8	-0.83	56163.70	56137.78906	56088.16088	56081.53906	505520.8	5409697.8
L5520.1	505520.8	5409699.1	13525.29981	437.12	0	48.840241	-86.924761	56164.46	56250.8	-0.83	56163.63	56138.12500	56086.91984	56081.08984	505520.8	5409699.1
L5520.1	505520.8	5409699.1	13525.40039	436.18	0	48.840241	-86.924761	56164.45	56250.8	-0.83	56163.62	56138.51172	56087.20151	56082.13281	505520.8	5409699.1
L5520.1	505520.8	5409700.3	13525.50000	432.53	0	48.840252	-86.924761	56164.39	56250.8	-0.83	56163.55	56138.83594	56085.98854	56081.64844	505520.8	5409700.3
L5520.1	505520.8	5409701.4	13525.59961	432.84	0	48.840261	-86.924761	56164.27	56250.8	-0.84	56163.44	56139.10938	56083.78616	56080.14063	505520.8	5409701.4
L5520.1	505520.8	5409702.7	13525.70020	432.60	0	48.840273	-86.924761	56164.28	56250.8	-0.84	56163.44	56139.48828	56084.37054	56081.39063	505520.8	5409702.7
L5520.1	505520.8	5409702.7	13525.79981	431.61	0	48.840273	-86.924761	56164.20	56250.8	-0.84	56163.36	56139.78125	56082.96317	56080.62109	505520.8	5409702.7
L5520.1	505520.8	5409702.7	13525.90039	431.61	0	48.840273	-86.924761	56163.95	56250.8	-0.84	56163.11	56139.89453	56077.30165	56075.57031	505520.8	5409702.7
L5520.1	505520.8	5409704.6	13526.00000	432.20	0	48.840291	-86.924761	56163.83	56250.8	-0.84	56162.99	56140.13672	56074.93629	56073.78906	505520.8	5409704.6
L5520.1	505520.8	5409705.7	13526.09961	431.56	0	48.840300	-86.924761	56163.89	56250.8	-0.84	56163.06	56140.55859	56077.37878	56076.78906	505520.8	5409705.7
L5520.1	505520.8	5409706.6	13526.20020	431.84	0	48.840309	-86.924761	56163.90	56250.8	-0.84	56163.06	56140.90234	56078.08928	56078.02734	505520.8	5409706.6
L5520.1	505520.8	5409708.0	13526.20020	431.84	0	48.840321	-86.924761	56163.81	56250.8	-0.84	56162.97	56141.15234	56076.56651	56077.01172	505520.8	5409708.0
L5520.1	505520.8	5409709.0	13526.40039	432.51	0	48.840330	-86.924761	56163.52	56250.8	-0.84	56162.68	56141.19922	56070.04465	56070.97266	505520.8	5409709.0
L5520.1	505520.8	5409709.0	13526.50000	431.96	0	48.840330	-86.924761	56163.35	56250.8	-0.84	56162.51	56141.35547	56066.57696	56067.96484	505520.8	5409709.0
L5520.1	505520.8	5409710.1	13526.59961	433.78	0	48.840340	-86.924761	56163.29	56250.8	-0.84	56162.45	56141.61719	56065.91353	56067.74219	505520.8	5409710.1
L5520.1	505520.8	5409711.8	13526.70020	434.04	0	48.840355	-86.924760	56163.27	56250.8	-0.84	56162.43	56141.91406	56066.29470	56068.53906	505520.8	5409711.8
L5520.1	505520.8	5409711.8	13526.79981	435.47	0	48.840355	-86.924760	56163.17	56250.8	-0.84	56162.33	56142.12500	56064.70262	56067.34375	505520.8	5409711.8
L5520.1	505520.8	5409712.9	13526.90039	432.93	0	48.840365	-86.924760	56162.79	56250.8	-0.84	56161.95	56142.05078	56056.10647	56059.12891	505520.8	5409712.9
L5520.1	505520.8	5409714.4	13527.00000	435.34	0	48.840379	-86.924760	56162.76	56250.8	-0.84	56161.92	56142.32422	56056.35880	56059.73828	505520.8	5409714.4
L5520.1	505520.8	5409714.4	13527.09961	435.27	0	48.840379	-86.924760	56162.68	56250.8	-0.84	56161.84	56142.53906	56055.39631	56059.11719	505520.8	5409714.4
L5520.1	505520.8	5409715.8	13527.20020	436.45	0	48.840391	-86.924760	56162.64	56250.8	-0.85	56161.79	56142.77734	56055.23277	56059.27734	505520.8	5409715.8
L5520.1	505520.8	5409717.2	13527.29981	434.41	0	48.840404	-86.924760	56162.48	56250.8	-0.85	56161.63	56142.90234	56052.34638	56056.70313	505520.8	5409717.2
L5520.1	505520.8	5409717.2	13527.40039	435.77	0	48.840404	-86.924760	56162.31	56250.9	-0.85	56161.45	56143.00391	56049.00217	56053.65234	505520.8	5409717.2
L5520.1	505520.8	5409718.6	13527.50000	436.53	0	48.840417	-86.924760	56162.12	56250.9	-0.85	56161.26	56143.08984	56045.45209	56050.38281	505520.8	5409718.6
L5520.1	505520.8	5409718.6	13527.59961	437.37	0	48.840417	-86.924760	56162.05	56250.9	-0.86	56161.19	56143.28906	56044.96725	56050.16016	505520.8	5409718.6
L5520.1	505520.8	5409720.3	13527.70020	436.68	0	48.840432	-86.924759	56161.88	56250.9	-0.86	56161.01	56143.37500	56041.76060	56047.20313	505520.8	5409720.3

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5520.1	505520.9	5409721.5	13527.79981	437.02	0	48.840442	-86.924759	56161.71	56250.9	-0.86	56160.84	56143.46875	56038.85122	56044.53125	505520.9	5409721.5
L5520.1	505520.9	5409723.1	13527.90039	437.02	0	48.840457	-86.924759	56161.59	56250.9	-0.87	56160.73	56143.61328	56037.49671	56043.40234	505520.9	5409723.1
L5520.1	505520.9	5409723.1	13528.00000	435.81	0	48.840457	-86.924759	56161.15	56250.9	-0.87	56160.28	56143.41797	56027.63206	56033.75391	505520.9	5409723.1
L5520.1	505520.9	5409724.3	13528.09961	435.08	0	48.840468	-86.924759	56161.15	56250.9	-0.87	56160.28	56143.66406	56029.13349	56035.45703	505520.9	5409724.3
L5520.1	505520.9	5409725.3	13528.20020	435.75	0	48.840477	-86.924759	56161.06	56250.9	-0.87	56160.19	56143.81641	56028.41304	56034.92578	505520.9	5409725.3
L5520.1	505520.9	5409726.7	13528.20020	435.75	0	48.840489	-86.924758	56161.10	56250.9	-0.87	56160.23	56144.09375	56031.00477	56037.69922	505520.9	5409726.7
L5520.1	505520.9	5409726.7	13528.40039	435.44	0	48.840489	-86.924758	56160.66	56250.9	-0.86	56159.80	56143.89844	56021.81061	56028.67969	505520.9	5409726.7
L5520.1	505520.9	5409727.9	13528.50000	437.93	0	48.840500	-86.924758	56160.59	56250.9	-0.86	56159.73	56144.05859	56021.71233	56028.74219	505520.9	5409727.9
L5520.1	505521.0	5409729.2	13528.59961	436.96	0	48.840511	-86.924758	56160.43	56250.9	-0.86	56159.57	56144.12500	56019.38553	56026.57031	505521.0	5409729.2
L5520.1	505521.0	5409730.6	13528.70020	436.14	0	48.840525	-86.924757	56160.41	56250.9	-0.86	56159.55	56144.32422	56020.61499	56027.94141	505521.0	5409730.6
L5520.1	505521.0	5409730.6	13528.79981	435.69	0	48.840525	-86.924757	56160.28	56250.9	-0.85	56159.43	56144.42188	56019.35966	56026.82422	505521.0	5409730.6
L5520.1	505521.0	5409731.8	13528.90039	435.69	0	48.840535	-86.924757	56159.86	56250.9	-0.85	56159.00	56144.20313	56010.33306	56017.92578	505521.0	5409731.8
L5520.1	505521.0	5409732.9	13529.00000	433.94	0	48.840545	-86.924757	56159.70	56250.8	-0.85	56158.85	56144.26172	56008.37723	56016.09375	505521.0	5409732.9
L5520.1	505521.0	5409733.9	13529.09961	434.42	0	48.840554	-86.924757	56159.51	56250.9	-0.85	56158.66	56144.27734	56005.43757	56013.26953	505521.0	5409733.9
L5520.1	505521.1	5409735.2	13529.20020	435.27	0	48.840565	-86.924756	56159.45	56250.9	-0.85	56158.59	56144.40625	56005.53648	56013.47266	505521.1	5409735.2
L5520.1	505521.1	5409735.2	13529.29981	435.93	0	48.840565	-86.924756	56159.20	56250.9	-0.85	56158.34	56144.34766	56001.12214	56009.16016	505521.1	5409735.2
L5520.1	505521.1	5409736.6	13529.40039	435.65	0	48.840579	-86.924756	56159.14	56250.9	-0.85	56158.29	56144.48828	56001.75193	56009.88281	505521.1	5409736.6
L5520.1	505521.1	5409736.6	13529.50000	435.60	0	48.840579	-86.924756	56159.13	56250.9	-0.85	56158.27	56144.65625	56003.14453	56011.36328	505521.1	5409736.6
L5520.1	505521.1	5409738.0	13529.59961	435.07	0	48.840591	-86.924756	56158.84	56250.9	-0.86	56157.98	56144.54688	55997.74751	56006.05078	505521.1	5409738.0
L5520.1	505521.1	5409739.3	13529.70020	433.39	0	48.840603	-86.924755	56158.70	56250.9	-0.86	56157.84	56144.58203	55996.12408	56004.50000	505521.1	5409739.3
L5520.1	505521.1	5409740.6	13529.79981	431.58	0	48.840615	-86.924755	56158.54	56250.9	-0.86	56157.68	56144.59766	55993.99231	56002.43750	505521.1	5409740.6
L5520.1	505521.1	5409740.6	13529.90039	431.58	0	48.840615	-86.924755	56158.32	56250.9	-0.86	56157.46	56144.54297	55990.34104	55998.85156	505521.1	5409740.6
L5520.1	505521.2	5409742.7	13530.00000	431.64	0	48.840633	-86.924754	56158.20	56250.9	-0.86	56157.34	56144.58594	55989.19108	55997.76172	505521.2	5409742.7
L5520.1	505521.2	5409743.8	13530.09961	429.37	0	48.840643	-86.924754	56158.06	56250.9	-0.86	56157.20	56144.60547	55987.51802	55996.14453	505521.2	5409743.8
L5520.1	505521.2	5409743.8	13530.20020	430.06	0	48.840643	-86.924754	56157.91	56250.9	-0.86	56157.05	56144.60938	55985.56821	55994.24219	505521.2	5409743.8
L5520.1	505521.3	5409745.0	13530.20020	430.06	0	48.840654	-86.924753	56157.70	56250.9	-0.86	56156.85	56144.55859	55982.32978	55991.04688	505521.3	5409745.0
L5520.1	505521.3	5409746.3	13530.40039	432.60	0	48.840666	-86.924753	56157.56	56250.9	-0.86	56156.70	56144.55469	55980.31324	55989.07031	505521.3	5409746.3
L5520.1	505521.3	5409746.3	13530.50000	430.26	0	48.840666	-86.924753	56157.22	56250.9	-0.85	56156.37	56144.36328	55973.72585	55982.51563	505521.3	5409746.3
L5520.1	505521.3	5409748.1	13530.59961	431.20	0	48.840681	-86.924753	56157.20	56250.9	-0.85	56156.35	56144.48047	55974.89058	55983.70703	505521.3	5409748.1
L5520.1	505521.3	5409749.1	13530.70020	431.46	0	48.840691	-86.924752	56157.10	56250.9	-0.85	56156.24	56144.50000	55973.73707	55982.57813	505521.3	5409749.1
L5520.1	505521.4	5409750.6	13530.79981	432.15	0	48.840704	-86.924752	56156.89	56250.9	-0.85	56156.04	56144.42578	55970.25919	55979.11719	505521.4	5409750.6
L5520.1	505521.4	5409750.6	13530.90039	432.15	0	48.840704	-86.924752	56156.82	56250.9	-0.85	56155.97	56144.47656	55969.98607	55978.85938	505521.4	5409750.6
L5520.1	505521.4	5409751.9	13531.00000	431.40	0	48.840716	-86.924752	56156.56	56250.8	-0.85	56155.71	56144.33203	55964.85988	55973.74219	505521.4	5409751.9
L5520.1	505521.4	5409753.5	13531.09961	433.48	0	48.840730	-86.924751	56156.66	56250.8	-0.85	56155.82	56144.55078	55968.96423	55977.85156	505521.4	5409753.5
L5520.1	505521.4	5409755.2	13531.20020	432.60	0	48.840746	-86.924751	56156.34	56250.8	-0.84	56155.49	56144.32813	55961.91224	55970.79688	505521.4	5409755.2
L5520.1	505521.4	5409755.2	13531.29981	432.91	0	48.840746	-86.924751	56156.37	56250.8	-0.84	56155.53	56144.46875	55964.07756	55972.95703	505521.4	5409755.2
L5520.1	505521.4	5409756.6	13531.40039	432.68	0	48.840758	-86.924751	56156.26	56250.8	-0.84	56155.42	56144.45313	55962.36979	55971.23828	505521.4	5409756.6
L5520.1	505521.5	5409758.0	13531.50000	434.15	0	48.840771	-86.924751	56156.14	56250.8	-0.83	56155.31	56144.43359	55960.55622	55969.41016	505521.5	5409758.0
L5520.1	505521.5	5409759.2	13531.59961	434.01	0	48.840781	-86.924750	56155.98	56250.8	-0.83	56155.14	56144.34766	55957.12031	55965.95313	505521.5	5409759.2
L5520.1	505521.5	5409759.2	13531.70020	435.83	0	48.840781	-86.924750	56155.90	56250.8	-0.83	56155.07	56144.35547	55956.08082	55964.88672	505521.5	5409759.2
L5520.1	505521.5	5409760.8	13531.79981	436.15	0	48.840796	-86.924750	56155.76	56250.8	-0.83	56154.93	56144.28906	55953.15338	55961.92969	505521.5	5409760.8
L5520.1	505521.5	5409762.1	13531.90039	436.15	0	48.840808	-86.924750	56155.65	56250.8	-0.82	56154.83	56144.25781	55951.09859	55959.83984	505521.5	5409762.1
L5520.1	505521.5	5409762.1	13532.00000	432.09	0	48.840808	-86.924750	56155.64	56250.8	-0.82	56154.82	56144.30859	55951.16735	55959.87109	505521.5	5409762.1
L5520.1	505521.5	5409763.4	13532.09961	434.81	0	48.840819	-86.924750	56155.54	56250.8	-0.82	56154.72	56144.26953	55948.82353	55957.48047	505521.5	5409763.4
L5520.1	505521.5	5409765.0	13532.20020	434.83	0	48.840833	-86.924750	56155.47	56250.8	-0.82	56154.65	56144.25000	55947.07921	55955.68359	505521.5	5409765.0
L5520.1	505521.5	5409765.0	13532.20020	434.83	0	48.840833	-86.924750	56155.28	56250.8	-0.82	56154.46	56144.10547	55942.15297	55950.69922	505521.5	5409765.0
L5520.1	505521.5	5409766.5	13532.40039	434.08	0	48.840847	-86.924750	56155.28	56250.8	-0.82	56154.46	56144.14453	55941.83741	55950.32422	505521.5	5409766.5
L5520.1	505521.5	5409768.0	13532.50000	432.46	0	48.840861	-86.924749	56155.17	56250.8	-0.82	56154.35	56144.07031	55938.57693	55947.00000	505521.5	5409768.0
L5520.1	505521.5	5409768.0	13532.59961	434.01	0	48.840861	-86.924749	56155.10	56250.8	-0.81	56154.29	56144.03906	55936.38991	55944.73828	505521.5	5409768.0
L5520.1	505521.6	5409769.9	13532.70020	432.04	0	48.840878	-86.924749	56155.15	56250.8	-0.81	56154.34	56144.11328	55936.77863	55945.05078	505521.6	5409769.9
L5520.1	505521.6	5409771.4	13532.79981	433.39	0	48.840891	-86.924749	56155.06	56250.8	-0.81	56154.25	56144.03906	55933.44548	55941.63281	505521.6	5409771.4
L5520.1	505521.6	5409772.9	13532.90039	433.39	0	48.840905	-86.924749	56155.13	56250.8	-0.81	56154.32	56144.12109	55933.93130	55942.03516	505521.6	5409772.9
L5520.1	505521.6	5409772.9	13533.00000	432.71	0	48.840905	-86.924749	56154.97	56250.8	-0.81	56154.16	56143.96875	55928.41591	55936.42578	505521.6	5409772.9
L5520.1	505521.6	5409774.2	13533.09961	432.68	0	48.840917	-86.924748	56155.00	56250.8	-0.81	56154.18	56143.98828	55927.20783	55935.12109	505521.6	5409774.2
L5520.1	505521.6	5409775.8	13533.20020	433.13	0	48.840930	-86.924748	56154.96	56250.8	-0.81	56154.15	56143.95313	55924.51259	55932.32031	505521.6	5409775.8
L5520.1	505521.6	5409775.8	13533.29981	433.09	0	48.840930	-86.924748	56155.10	56250.8	-0.82	56154.29	56144.07813	55925.85810	55933.55469	505521.6	5409775.8
L5520.1	505521.6	5409777.1	13533.40039	433.05	0	48.840942	-86.924748	56155.10	56250.8	-0.82	56154.28	56144.05078	55923.18541	55930.76953	505521.6	5409777.1
L5520.1	505521.6	5409778.8	13533.50000	434.31	0	48.840957	-86.924748	56155.00	56250.8	-0.82	56154.18	56143.92969	55917.99666	55925.46094	505521.6	5409778.8
L5520.1	505521.6	5409780.0	13533.59961	433.04	0	48.840968	-86.924748	56154.95	56250.8	-0.82	56154.12	56143.83984	55913.55525	55920.89453	505521.6	5409780.0
L5520.1	505521.6	5409780.0	13533.70020	433.82	0	48.840968	-86.924748	56154.86	56250.8	-0.82	56154.04	56143.72266	55908.34400	55915.55469	505521.6	5409780.0
L5520.1	505521.7	5409781.6	13533.79981	434.88	0	48.840983	-86.924748	56155.15	56250.8	-0.83	56154.33	56143.97266	55912.16812	55919.24219	505521.7	5409781.6
L5520.1	505521.7	5409781.6	13533.90039	434.88	0	48.840983	-86.924748	56155.10	56250.8	-0.83	56154.27	56143.86328	55906.90422	55913.83594	505521.7	5409781.6
L5520.1	505521.7	5409784.4	13534.00000	437.33	0	48.841009	-86.924747	56155.17	56250.8	-0.83	56154.34	56143.88281	55904.62195	55911.41016	505521.7	5409784.4
L5520.1	505521.7	5409784.4	13534.09961	438.46	0	48.841009	-86.924747	56155.20	56250.8	-0.83	56154.38	56143.86328	55901.28798	55907.92188	505521.7	5409784.4
L5520.1	505521.7	5409785.6	13534.20020	437.24	0	48.841019	-86.924747	56155.31	56250.8	-0.82	56154.48	56143.89844	55899.15919	55905.63672	505521.7	5409785.6
L5520.1	505521.7	5409787.2	13534.20020	436.28	0	48.841033	-86.924747	56155.55	56250.8	-0.82	56154.72	56144.06641	55900.24081	55906.55859	505521.7	5409787.2
L5520.1	505521.7	5409787.2	13534.40039	437.03	0	48.841033	-86.924747	56155.61	56250.8	-0.82	56154.79	56144.06250	55896.72533	55902.87500	505521.7	5409787.2
L5520.1	505521.7	5409788.9	13534.50000	435.76	0	48.841049	-86.924747	56155.70	56250.8	-0.82	56154.88	56144.07031	55893.38562	55899.36328	505521.7	5409788.9
L5520.1	505521.7	5409790.0	13534.59961	436.01	0	48.841059	-86.924747	56155.61	56250.8	-0.81	56154.80	56143.90234	55885.43343	55891.23828	505521.7	5409790.0
L5520.1	505521.7	5409790.0	13534.70020	436.07	0	48.841059	-86.924747	56155.76	56250.8	-0.81	56154.95	56143.95703	55882.92536	55888.54688	505521.7	5409790.0
L5520.1	505521.7	5409791.8	13534.79981	432.90	0	48.841075	-86.924747	56156.08	56250.8	-0.81	56155.27	56144.17578	55884.34398	55889.77734	505521.7	5409791.8
L5520.1	505521.7	5409793.4	13534.90039	436.60	0	48.841089	-86.924746	56156.36	56250.8	-0.80	56155.56	56144.36328	55884.64932	55889.89453	505521.7	5409793.4
L5520.1	505521.7	5409795.0	13535.00000	435.56	0	48.841104	-86.924746	56156.31	56250.8	-0.80	56155.51	56144.20313	55876.03366	55881.08203	505521.7	5409795.0
L5520.1	505521.7	5409796.4	13535.09961	434.16	0	48.841116	-86.924746	56156.68	56250.8	-0.80	56155.88	56144.45703	55877.61137	55882.46094	505521.7	5409796.4
L5520.1	505521.7	5409796.4	13535.20020	431.05	0	48.841116	-86.924746	56157.10	56250.8	-0.80	56156.30	56144.75391	55880.06499	55884.71094	505521.7	5409796.4
L5520.1	505521.8	5409798.0	13535.29981	430.08	0	48.841130	-86.924746	56157.53	56250.8	-0.80	56156.73	56145.05469	55882.38012	55886.81641	505521.8	5409798.0
L5520.1	505521.8	5409799.6	13535.40039	429.88	0	48.841145	-86.924746	56157.77	56250.8	-0.80	56156.97	56145.16406	55879.51652	55883.73828	505521.8	5409799.6
L5520.1	505521.8	5409799.6	13535.50000	430.66	0	48.841145	-86.924746	56158.09	56250.8	-0.80	56157.29	56145.34375	55878.25957	55882.26563	505521.8	5409799.6
L5520.1	505521.8	5409801.2	13535.59961	429.92	0	48.841160	-86.924745	56158.29	56250.8	-0.80	56157.49	56145.40234	55873.56892	55877.35156	505521.8	5409801.2
L5520.1	505521.8	5409801.2	13535.70020	431.55	0	48.841160	-86.924745	56158.61	56250.8	-0.80	56157.81	56145.57422	55871.47499	55875.03125	505521.8	5409801.2
L5520.1	505521.8	5409802.9	13535.79981	431.48	0	48.841175	-86.924745	56158.92	56250.8	-0.80	56158.12	56145.73047	55868.69860	55872.02734	505521.8	5409802.9
L5520.1	505521.8	5409804.5	13535.90039	432.31	0	48.841189	-86.924745	56159.20	56250.8	-0.80	56158.39	56145.83984	55864.47659	55867.57031	505521.8	5409804.5
L5520.1	505521.8	5409806.2	13536.00000	433.59	0	48.841204	-86.924745	56159.73	56250.8	-0.80	56158.93	56146.21875	55866.60042	55869.45703	505521.8	5409806.2
L5520.1	505521.8	5409806.2	13536.09961	433.59	0	48.841204	-86.924745	56160.00	56250.8	-0.80	56159.20	56146.31641	55861.47476	55864.09375	505521.8	5409806.2
L5520.1	505521.9	5409808.0	13536.20020	435.04	0	48.841221	-86.924745	56160.52	56250.8	-0.80	56159.71	56146.65625	55861.92312	55864.29688	505521.9	5409808.0
L5520.1	505521.9	5409809.7	13536.20020	433.27	0	48.841236	-86.924744	56160.92	56250.8	-0.80	56160.12	56146.88672	55859.38218	55861.50781	505521.9	5409809.7
L5520.1	505521.9	5409809.7	13536.40039	433.82	0	48.841236	-86.924744	56161.32	56250.8	-0.80	56160.51	56147.09375	55855.85613	55857.73047	505521.9	5409809.7
L5520.1	505521.9	5409811.1	13536.50000	433.82	0	48.841249	-86.924744	56161.81	56250.8	-0.81	56161.00	56147.39453	55854.35551	55855.97266	505521.9	5409811.1
L5520.1	505521.9	5409811.1	13536.59961	433.82	0	48.841249	-86.924744	56162.38	56250.8	-0.81	56161.57	56147.77344	55854.36828	55855.73047	505521.9	5409811.1
L5520.1	505521.9	5409812.2	13536.70020	434.21	0	48.841258	-86.924744	56162.96	56250.8	-0.81	56162.15	56148.15625	55854.12425	55855.22266	505521.9	5409812.2
L5520.1	505521.9	5409813.6	13536.79981	436.11	0	48.841271	-86.924744	56163.45	56250.8	-0.81	56162.64	56148.44531	55851.09836	55851.93359	505521.9	5409813.6
L5520.1	505521.9	5409815.1	13536.90039	435.06	0	48.841284	-86.924744	56163.87	56250.8	-0.81	56163.06	56148.66016	55845.78476	55846.35156	505521.9	5409815.1
L5520.1	505521.9	5409815.1	13537.00000	436.98	0	48.841284	-86.924744	56164.36	56250.8	-0.81	56163.55	56148.94141	55841.69682	55841.99219	505521.9	5409815.1

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5520.1	505521.9	5409816.9	13537.09961	438.34	0	48.841301	-86.924744	56164.96	56250.8	-0.81	56164.15	56149.32813	55839.83178	55839.85547	505521.9	5409816.9
L5520.1	505521.9	5409818.3	13537.20020	439.13	0	48.841313	-86.924743	56165.62	56250.8	-0.81	56164.82	56149.78125	55839.17391	55838.92188	505521.9	5409818.3
L5520.1	505521.9	5409819.9	13537.29981	437.78	0	48.841327	-86.924743	56166.31	56250.8	-0.80	56165.51	56150.25000	55838.45580	55837.92578	505521.9	5409819.9
L5520.1	505521.9	5409821.3	13537.40039	438.05	0	48.841340	-86.924743	56166.93	56250.8	-0.80	56166.12	56150.63672	55835.15195	55834.33984	505521.9	5409821.3
L5520.1	505521.9	5409821.3	13537.50000	437.36	0	48.841340	-86.924743	56167.73	56250.8	-0.80	56166.93	56151.21875	55836.29790	55835.20313	505521.9	5409821.3
L5520.1	505521.9	5409822.4	13537.59961	433.84	0	48.841350	-86.924743	56168.38	56250.8	-0.80	56167.58	56151.63672	55832.82618	55831.44531	505521.9	5409822.4
L5520.1	505522.0	5409824.0	13537.70020	433.19	0	48.841365	-86.924743	56169.09	56250.8	-0.80	56168.29	56152.10938	55830.26257	55828.59375	505522.0	5409824.0
L5520.1	505522.0	5409824.0	13537.79981	432.89	0	48.841365	-86.924743	56169.79	56250.8	-0.79	56168.99	56152.57422	55826.83612	55824.87891	505522.0	5409824.0
L5520.1	505522.0	5409825.9	13537.90039	434.48	0	48.841382	-86.924742	56170.64	56250.8	-0.79	56169.85	56153.19141	55826.81447	55824.56250	505522.0	5409825.9
L5520.1	505522.0	5409827.1	13538.00000	433.72	0	48.841392	-86.924742	56171.54	56250.8	-0.79	56170.75	56153.84766	55827.16852	55824.62500	505522.0	5409827.1
L5520.1	505522.0	5409828.6	13538.09961	430.93	0	48.841406	-86.924742	56172.34	56250.8	-0.79	56171.55	56154.39844	55824.36594	55821.52344	505522.0	5409828.6
L5520.1	505522.0	5409830.0	13538.20020	430.93	0	48.841419	-86.924742	56173.12	56250.8	-0.79	56172.32	56154.92188	55820.15814	55817.01953	505522.0	5409830.0
L5520.1	505522.0	5409830.0	13538.20020	431.39	0	48.841419	-86.924742	56174.07	56250.8	-0.79	56173.27	56155.61719	55819.81900	55816.37891	505522.0	5409830.0
L5520.1	505522.0	5409831.2	13538.40039	430.34	0	48.841430	-86.924742	56174.98	56250.8	-0.79	56174.19	56156.28516	55818.05484	55814.31641	505522.0	5409831.2
L5520.1	505522.0	5409831.2	13538.50000	429.94	0	48.841430	-86.924742	56175.98	56250.8	-0.79	56175.19	56157.02734	55817.62341	55813.58203	505522.0	5409831.2
L5520.1	505522.0	5409833.5	13538.59961	430.09	0	48.841450	-86.924741	56176.80	56250.8	-0.80	56176.00	56157.57813	55811.72133	55807.37500	505522.0	5409833.5
L5520.1	505522.1	5409834.8	13538.70020	431.93	0	48.841462	-86.924741	56177.92	56250.8	-0.80	56177.12	56158.43750	55812.91911	55808.26563	505522.1	5409834.8
L5520.1	505522.1	5409836.3	13538.79981	431.89	0	48.841475	-86.924741	56178.95	56250.8	-0.80	56178.15	56159.20313	55811.14243	55806.18359	505522.1	5409836.3
L5520.1	505522.1	5409836.3	13538.90039	432.73	0	48.841475	-86.924741	56180.16	56250.8	-0.80	56179.36	56160.14844	55813.17481	55807.90625	505522.1	5409836.3
L5520.1	505522.1	5409838.1	13539.00000	433.06	0	48.841492	-86.924741	56181.38	56250.8	-0.80	56180.58	56161.10156	55814.72899	55809.15234	505522.1	5409838.1
L5520.1	505522.1	5409839.5	13539.09961	431.98	0	48.841504	-86.924741	56182.64	56250.8	-0.80	56181.84	56162.09375	55816.54991	55810.66406	505522.1	5409839.5
L5520.1	505522.1	5409840.6	13539.20020	432.92	0	48.841514	-86.924741	56183.66	56250.8	-0.80	56182.86	56162.84375	55811.58267	55805.38672	505522.1	5409840.6
L5520.1	505522.1	5409840.6	13539.29981	433.69	0	48.841514	-86.924741	56184.84	56250.8	-0.80	56184.04	56163.75391	55809.88184	55803.37500	505522.1	5409840.6
L5520.1	505522.1	5409842.3	13539.40039	436.33	0	48.841529	-86.924740	56186.19	56250.8	-0.80	56185.39	56164.83203	55811.68929	55804.86719	505522.1	5409842.3
L5520.1	505522.1	5409843.7	13539.50000	437.25	0	48.841541	-86.924740	56187.55	56250.8	-0.80	56186.75	56165.92188	55812.96960	55805.83594	505522.1	5409843.7
L5520.1	505522.1	5409843.7	13539.59961	435.43	0	48.841541	-86.924740	56188.94	56250.8	-0.80	56188.14	56167.03906	55814.21641	55806.76953	505522.1	5409843.7
L5520.1	505522.1	5409845.1	13539.70020	436.34	0	48.841554	-86.924740	56190.09	56250.8	-0.80	56189.29	56167.91406	55808.62677	55800.86719	505522.1	5409845.1
L5520.1	505522.1	5409846.5	13539.79981	436.37	0	48.841567	-86.924740	56191.68	56250.8	-0.80	56190.88	56169.23047	55813.30068	55805.22656	505522.1	5409846.5
L5520.1	505522.1	5409846.5	13539.90039	434.66	0	48.841567	-86.924740	56193.16	56250.8	-0.80	56192.36	56170.43750	55814.39036	55806.00000	505522.1	5409846.5
L5520.1	505522.1	5409848.0	13540.00000	434.20	0	48.841580	-86.924740	56194.69	56250.8	-0.80	56193.89	56171.69141	55815.91240	55807.20703	505522.1	5409848.0
L5520.1	505522.2	5409849.6	13540.09961	435.09	0	48.841595	-86.924740	56196.18	56250.8	-0.80	56195.38	56172.90625	55815.59327	55806.57422	505522.2	5409849.6
L5520.1	505522.2	5409851.2	13540.20020	434.97	0	48.841609	-86.924740	56197.92	56250.8	-0.80	56197.12	56174.37500	55820.72075	55811.38672	505522.2	5409851.2
L5520.1	505522.2	5409851.2	13540.20020	436.26	0	48.841609	-86.924740	56199.52	56250.8	-0.80	56198.72	56175.69922	55821.47336	55811.82422	505522.2	5409851.2
L5520.1	505522.2	5409852.9	13540.40039	433.40	0	48.841624	-86.924740	56201.02	56250.8	-0.80	56200.22	56176.92578	55818.84897	55808.88281	505522.2	5409852.9
L5520.1	505522.2	5409854.3	13540.50000	431.28	0	48.841637	-86.924740	56202.60	56250.8	-0.79	56201.81	56178.24609	55817.61978	55807.33984	505522.2	5409854.3
L5520.1	505522.2	5409854.3	13540.59961	430.85	0	48.841637	-86.924740	56204.18	56250.8	-0.79	56203.38	56179.54297	55815.00990	55804.41406	505522.2	5409854.3
L5520.1	505522.2	5409855.9	13540.70020	430.70	0	48.841652	-86.924739	56206.06	56250.8	-0.79	56205.26	56181.15234	55819.31443	55808.40625	505522.2	5409855.9
L5520.1	505522.2	5409857.7	13540.79981	430.24	0	48.841668	-86.924739	56207.88	56250.8	-0.79	56207.08	56182.70313	55821.21610	55809.99219	505522.2	5409857.7
L5520.1	505522.2	5409857.7	13540.90039	430.07	0	48.841668	-86.924739	56209.70	56250.8	-0.79	56208.91	56184.26172	55822.46863	55810.92969	505522.2	5409857.7
L5520.1	505522.2	5409859.1	13541.00000	432.49	0	48.841681	-86.924739	56211.58	56250.8	-0.79	56210.79	56185.87500	55824.07117	55812.21875	505522.2	5409859.1
L5520.1	505522.2	5409860.7	13541.09961	433.05	0	48.841694	-86.924739	56213.46	56250.8	-0.79	56212.67	56187.48828	55824.75863	55812.59766	505522.2	5409860.7
L5520.1	505522.2	5409862.1	13541.20020	433.14	0	48.841707	-86.924739	56215.37	56250.8	-0.79	56214.57	56189.12500	55825.02746	55812.55469	505522.2	5409862.1
L5520.1	505522.2	5409862.1	13541.29981	432.44	0	48.841707	-86.924739	56217.22	56250.8	-0.79	56216.43	56190.72266	55823.36152	55810.57813	505522.2	5409862.1
L5520.1	505522.2	5409864.0	13541.40039	432.44	0	48.841724	-86.924740	56219.22	56250.8	-0.79	56218.42	56192.45313	55824.03196	55810.93750	505522.2	5409864.0
L5520.1	505522.2	5409864.0	13541.50000	435.06	0	48.841724	-86.924740	56221.30	56250.8	-0.79	56220.51	56194.28516	55826.27805	55812.87500	505522.2	5409864.0
L5520.1	505522.2	5409865.6	13541.59961	433.13	0	48.841739	-86.924740	56223.63	56250.8	-0.80	56222.83	56196.34766	55833.36512	55819.65234	505522.2	5409865.6
L5520.1	505522.2	5409865.6	13541.70020	434.32	0	48.841739	-86.924740	56225.70	56250.8	-0.80	56224.90	56198.16406	55833.21068	55819.19141	505522.2	5409865.6
L5520.1	505522.1	5409868.8	13541.79981	435.13	0	48.841767	-86.924740	56227.87	56250.8	-0.80	56227.07	56200.08203	55834.61613	55820.29297	505522.1	5409868.8
L5520.1	505522.1	5409868.8	13541.90039	435.13	0	48.841767	-86.924740	56230.00	56250.8	-0.80	56229.21	56201.97266	55834.30598	55819.67578	505522.1	5409868.8
L5520.1	505522.1	5409870.6	13542.00000	436.11	0	48.841783	-86.924740	56232.24	56250.8	-0.80	56231.44	56203.95703	55835.29530	55820.36328	505522.1	5409870.6
L5520.1	505522.1	5409871.9	13542.09961	435.12	0	48.841796	-86.924740	56234.55	56250.8	-0.80	56233.75	56206.02344	55837.32866	55822.09375	505522.1	5409871.9
L5520.1	505522.1	5409871.9	13542.20020	433.86	0	48.841796	-86.924740	56236.98	56250.8	-0.80	56236.18	56208.21484	55841.40901	55825.87500	505522.1	5409871.9
L5520.1	505522.1	5409873.7	13542.20020	432.51	0	48.841811	-86.924740	56239.37	56250.8	-0.80	56238.57	56210.36719	55843.50754	55827.67578	505522.1	5409873.7
L5520.1	505522.1	5409875.2	13542.40039	431.06	0	48.841825	-86.924741	56241.70	56250.8	-0.80	56240.90	56212.46094	55843.11836	55826.98828	505522.1	5409875.2
L5520.1	505522.1	5409876.6	13542.50000	432.60	0	48.841838	-86.924741	56244.27	56250.8	-0.79	56243.47	56214.80078	55847.78748	55831.35938	505522.1	5409876.6
L5520.1	505522.1	5409876.6	13542.59961	433.88	0	48.841838	-86.924741	56246.78	56250.8	-0.79	56245.98	56217.08594	55849.96479	55833.24609	505522.1	5409876.6
L5520.1	505522.1	5409877.8	13542.70020	433.67	0	48.841848	-86.924741	56249.48	56250.8	-0.79	56248.68	56219.56250	55855.93909	55838.92578	505522.1	5409877.8
L5520.1	505522.1	5409879.4	13542.79981	431.19	0	48.841863	-86.924741	56252.11	56250.8	-0.79	56251.32	56221.98438	55859.41920	55842.11719	505522.1	5409879.4
L5520.1	505522.0	5409881.1	13542.90039	432.17	0	48.841878	-86.924741	56254.82	56250.8	-0.79	56254.02	56224.46875	55863.42389	55845.83203	505522.0	5409881.1
L5520.1	505522.0	5409881.1	13543.00000	430.92	0	48.841878	-86.924741	56257.64	56250.8	-0.79	56256.85	56227.08594	55869.71436	55851.83594	505522.0	5409881.1
L5520.1	505522.0	5409882.7	13543.09961	430.69	0	48.841893	-86.924741	56260.27	56250.8	-0.79	56259.48	56229.50781	55869.98791	55851.82813	505522.0	5409882.7
L5520.1	505522.0	5409884.0	13543.20020	431.53	0	48.841904	-86.924741	56262.93	56250.8	-0.79	56262.14	56231.96484	55870.03241	55851.58984	505522.0	5409884.0
L5520.1	505522.0	5409885.4	13543.29981	431.28	0	48.841917	-86.924741	56265.84	56250.8	-0.79	56265.05	56234.67578	55875.38461	55856.66016	505522.0	5409885.4
L5520.1	505522.0	5409885.4	13543.40039	434.49	0	48.841917	-86.924741	56268.78	56250.8	-0.79	56267.99	56237.42188	55880.51093	55861.50781	505522.0	5409885.4
L5520.1	505522.0	5409886.8	13543.50000	434.89	0	48.841930	-86.924742	56271.71	56250.8	-0.79	56270.92	56240.16016	55884.40728	55865.12891	505522.0	5409886.8
L5520.1	505521.9	5409888.6	13543.59961	438.29	0	48.841945	-86.924742	56274.70	56250.8	-0.79	56273.90	56242.95313	55888.58613	55869.03516	505521.9	5409888.6
L5520.1	505521.9	5409888.6	13543.70020	435.93	0	48.841945	-86.924742	56277.58	56250.8	-0.79	56276.79	56245.66406	55889.52829	55869.70703	505521.9	5409888.6
L5520.1	505521.9	5409890.4	13543.79981	433.53	0	48.841962	-86.924742	56280.62	56250.8	-0.79	56279.83	56248.52734	55893.27620	55873.18750	505521.9	5409890.4
L5520.1	505521.9	5409892.1	13543.90039	433.53	0	48.841977	-86.924743	56283.78	56250.8	-0.79	56282.99	56251.51563	55899.07941	55878.72656	505521.9	5409892.1
L5520.1	505521.9	5409893.6	13544.00000	433.35	0	48.841990	-86.924743	56287.05	56250.8	-0.79	56286.26	56254.62109	55906.69118	55886.07422	505521.9	5409893.6
L5520.1	505521.9	5409893.6	13544.09961	433.97	0	48.841990	-86.924743	56290.16	56250.8	-0.79	56289.37	56257.56641	55909.32348	55888.44531	505521.9	5409893.6
L5520.1	505521.8	5409894.8	13544.20020	434.19	0	48.842001	-86.924743	56293.28	56250.8	-0.80	56292.48	56260.52344	55911.00798	55889.87109	505521.8	5409894.8
L5520.1	505521.8	5409896.8	13544.20020	434.35	0	48.842019	-86.924744	56296.67	56250.8	-0.80	56295.87	56263.76172	55918.79619	55897.40625	505521.8	5409896.8
L5520.1	505521.8	5409897.9	13544.40039	432.39	0	48.842030	-86.924744	56299.98	56250.8	-0.81	56299.18	56266.92578	55923.63720	55901.99219	505521.8	5409897.9
L5520.1	505521.8	5409897.9	13544.50000	431.34	0	48.842030	-86.924744	56303.28	56250.8	-0.81	56302.47	56270.07422	55927.04820	55905.15625	505521.8	5409897.9
L5520.1	505521.8	5409899.6	13544.59961	429.60	0	48.842045	-86.924744	56306.54	56250.8	-0.81	56305.73	56273.19922	55928.78567	55906.64844	505521.8	5409899.6
L5520.1	505521.8	5409901.3	13544.70020	429.17	0	48.842059	-86.924745	56310.21	56250.8	-0.82	56309.40	56276.73828	55939.92902	55917.54688	505521.8	5409901.3
L5520.1	505521.8	5409901.3	13544.79981	432.19	0	48.842059	-86.924745	56313.95	56250.8	-0.82	56313.12	56280.33594	55951.42950	55928.80469	505521.8	5409901.3
L5520.1	505521.7	5409902.7	13544.90039	431.65	0	48.842072	-86.924745	56317.49	56250.8	-0.83	56316.67	56283.76563	55957.76143	55934.89844	505521.7	5409902.7
L5520.1	505521.7	5409904.1	13545.00000	428.50	0	48.842085	-86.924745	56321.02	56250.8	-0.83	56320.19	56287.17188	55962.45762	55939.35938	505521.7	5409904.1
L5520.1	505521.7	5409906.0	13545.09961	428.94	0	48.842102	-86.924745	56324.71	56250.8	-0.83	56323.88	56290.75391	55970.56103	55947.23438	505521.7	5409906.0
L5520.1	505521.7	5409906.0	13545.20020	429.44	0	48.842102	-86.924745	56328.16	56250.8	-0.83	56327.33	56294.10156	55971.76707	55948.21094	505521.7	5409906.0
L5520.1	505521.7	5409907.4	13545.29981	431.68	0	48.842115	-86.924746	56331.88	56250.8	-0.84	56331.05	56297.72656	55978.91969	55955.13672	505521.7	5409907.4
L5520.1	505521.6	5409909.1	13545.40039	432.95	0	48.842130	-86.924746	56335.67	56250.8	-0.84	56334.83	56301.41406	55986.74756	55962.74219	505521.6	5409909.1
L5520.1	505521.6	5409909.1	13545.50000	432.50	0	48.842130	-86.924746	56339.46	56250.8	-0.84	56338.62	56305.12109	55994.00563	55969.78125	505521.6	5409909.1
L5520.1	505521.6	5409910.7	13545.59961	430.61	0	48.842144	-86.924746	56343.35	56250.8	-0.84	56342.51	56308.93359	56002.97192	55978.53125	505521.6	5409910.7
L5520.1	505521.6	5409912.2	13545.70020	429.25	0	48.842158	-86.924746	56347.20	56250.8	-0.84	56346.36	56312.71094	56010.13797	55985.48047	505521.6	5409912.2
L5520.1	505521.6	5409913.4	13545.79981	428.70	0	48.842169	-86.924747	56351.21	56250.8	-0.85	56350.36	56316.64063	56020.29898	55995.43359	505521.6	5409913.4
L5520.1	505521.6	5409915.3	13545.90039	429.76	0	48.842186	-86.924747	56355.04	56250.8	-0.85	56354.19	56320.41016	56025.41860	56000.34375	505521.6	5409915.3
L5520.1	505521.6	5409915.3	13546.00000	429.67	0	48.842186	-86.924747	56359.04	56250.8	-0.85	56358.19	56324.35547	56034.06723	56008.78906	505521.6	5409915.3
L5520.1	505521.6	5409916.5	13546.09961	428.27	0	48.842197	-86.924747	56362.97	56250.8	-0.85	56362.12	56328.23438	56040.22245	56014.74219	505521.6	5409916.5
L5520.1	505521.6	5409916.5	13546.20020	428.27	0	48.842197	-86.924747	56367.00	56250.8	-0.85	56366.15	56332.22266	56048.17834	56022.50000	505521.6	5409916.5
L5520.1	505521.5	5409918.2	13546.20020	429.51	0	48.842212	-86.924747	56370.98	56250.8	-0.85	56370.13	56336.16406	56054.17803	56028.30078	505521.5	5409918.2

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5520.1	505521.5	5409919.7	13546.40039	427.13	0	48.842225	-86.924747	56375.12	56250.8	-0.84	56374.28	56340.28125	56063.77466	56037.70703	505521.5	5409919.7
L5520.1	505521.5	5409921.1	13546.50000	428.54	0	48.842238	-86.924748	56379.43	56250.8	-0.84	56378.59	56344.56641	56076.73489	56050.47656	505521.5	5409921.1
L5520.1	505521.5	5409922.6	13546.59961	428.78	0	48.842251	-86.924748	56383.59	56250.8	-0.84	56382.75	56348.70313	56085.27761	56058.83203	505521.5	5409922.6
L5520.1	505521.5	5409922.6	13546.70020	429.72	0	48.842251	-86.924748	56387.96	56250.8	-0.84	56387.12	56353.05859	56098.47999	56071.84766	505521.5	5409922.6
L5520.1	505521.5	5409924.3	13546.79981	431.62	0	48.842267	-86.924748	56392.22	56250.8	-0.83	56391.38	56357.31250	56108.31031	56081.49609	505521.5	5409924.3
L5520.1	505521.5	5409925.5	13546.90039	433.01	0	48.842277	-86.924747	56396.61	56250.8	-0.83	56395.78	56361.70703	56121.07899	56094.08594	505521.5	5409925.5
L5520.1	505521.5	5409925.5	13547.00000	433.19	0	48.842277	-86.924747	56400.84	56250.8	-0.83	56400.01	56365.94141	56129.00687	56101.83594	505521.5	5409925.5
L5520.1	505521.5	5409927.4	13547.09961	432.66	0	48.842295	-86.924747	56405.18	56250.8	-0.83	56404.35	56370.28906	56139.16014	56111.81250	505521.5	5409927.4
L5520.1	505521.5	5409929.1	13547.20020	431.80	0	48.842310	-86.924747	56409.52	56250.8	-0.83	56408.69	56374.64453	56148.79270	56121.27344	505521.5	5409929.1
L5520.1	505521.5	5409929.1	13547.29981	429.81	0	48.842310	-86.924747	56413.93	56250.8	-0.83	56413.10	56379.07422	56159.68787	56131.99609	505521.5	5409929.1
L5520.1	505521.5	5409930.6	13547.40039	430.22	0	48.842323	-86.924747	56418.30	56250.8	-0.83	56417.47	56383.46875	56169.10042	56141.24219	505521.5	5409930.6
L5520.1	505521.5	5409932.0	13547.50000	431.88	0	48.842336	-86.924747	56422.87	56250.8	-0.83	56422.04	56388.07422	56183.09187	56155.06641	505521.5	5409932.0
L5520.1	505521.5	5409933.5	13547.59961	433.21	0	48.842349	-86.924747	56427.46	56250.8	-0.83	56426.63	56392.69922	56197.15658	56168.96484	505521.5	5409933.5
L5520.1	505521.5	5409933.5	13547.70020	432.17	0	48.842349	-86.924747	56432.03	56250.8	-0.83	56431.20	56397.31250	56210.31180	56181.95703	505521.5	5409933.5
L5520.1	505521.5	5409934.7	13547.79981	432.17	0	48.842361	-86.924747	56436.47	56250.8	-0.83	56435.64	56401.80078	56219.81394	56191.29688	505521.5	5409934.7
L5520.1	505521.5	5409936.2	13547.90039	431.23	0	48.842374	-86.924747	56441.14	56250.8	-0.83	56440.31	56406.52344	56234.74539	56206.07031	505521.5	5409936.2
L5520.1	505521.5	5409936.2	13548.00000	432.44	0	48.842374	-86.924747	56445.78	56250.8	-0.83	56444.95	56411.22266	56248.58914	56219.75391	505521.5	5409936.2
L5520.1	505521.5	5409938.0	13548.09961	433.81	0	48.842390	-86.924747	56450.38	56250.8	-0.83	56449.55	56415.88672	56261.11875	56232.12891	505521.5	5409938.0
L5520.1	505521.5	5409939.6	13548.20020	431.54	0	48.842404	-86.924747	56455.00	56250.8	-0.83	56454.16	56420.56641	56273.61777	56244.47266	505521.5	5409939.6
L5520.1	505521.5	5409940.8	13548.20020	430.04	0	48.842416	-86.924747	56459.34	56250.8	-0.83	56458.51	56424.98828	56279.31859	56250.01563	505521.5	5409940.8
L5520.1	505521.5	5409940.8	13548.29981	429.61	0	48.842416	-86.924747	56464.01	56250.8	-0.83	56463.18	56429.73828	56292.84063	56263.38672	505521.5	5409940.8
L5520.1	505521.5	5409942.4	13548.50000	432.58	0	48.842430	-86.924747	56468.65	56250.8	-0.83	56467.82	56434.46484	56305.40400	56275.79688	505521.5	5409942.4
L5520.1	505521.5	5409944.1	13548.59961	434.18	0	48.842445	-86.924747	56473.35	56250.8	-0.84	56472.51	56439.24609	56319.04824	56289.29297	505521.5	5409944.1
L5520.1	505521.5	5409944.1	13548.70020	434.56	0	48.842445	-86.924747	56478.17	56250.8	-0.84	56477.33	56444.16016	56335.81315	56305.90625	505521.5	5409944.1
L5520.1	505521.5	5409945.7	13548.79981	435.62	0	48.842460	-86.924747	56482.92	56250.8	-0.84	56482.08	56449.00781	56350.69372	56320.64063	505521.5	5409945.7
L5520.1	505521.5	5409947.4	13548.90039	436.06	0	48.842475	-86.924747	56487.59	56250.8	-0.84	56486.75	56453.78125	56363.46571	56333.26172	505521.5	5409947.4
L5520.1	505521.5	5409948.9	13549.00000	434.37	0	48.842488	-86.924747	56492.34	56250.8	-0.84	56491.50	56458.64063	56378.18245	56347.83203	505521.5	5409948.9
L5520.1	505521.5	5409948.9	13549.09961	434.64	0	48.842488	-86.924747	56497.08	56250.8	-0.84	56496.24	56463.49609	56392.60720	56362.11328	505521.5	5409948.9
L5520.1	505521.5	5409950.8	13549.20020	434.13	0	48.842505	-86.924747	56501.75	56250.8	-0.84	56500.91	56468.28516	56405.25822	56374.62109	505521.5	5409950.8
L5520.1	505521.5	5409950.8	13549.29981	433.54	0	48.842505	-86.924747	56506.47	56250.8	-0.84	56505.64	56473.13672	56419.43449	56388.65234	505521.5	5409950.8
L5520.1	505521.5	5409952.6	13549.40039	434.06	0	48.842521	-86.924747	56511.09	56250.8	-0.84	56510.25	56477.87109	56430.63521	56399.71094	505521.5	5409952.6
L5520.1	505521.5	5409954.1	13549.40039	433.33	0	48.842534	-86.924747	56515.82	56250.8	-0.84	56514.98	56482.73438	56444.92727	56413.86328	505521.5	5409954.1
L5520.1	505521.5	5409955.6	13549.59961	433.14	0	48.842549	-86.924747	56520.41	56250.8	-0.83	56519.57	56487.46094	56455.79717	56424.59375	505521.5	5409955.6
L5520.1	505521.5	5409955.6	13549.70020	434.66	0	48.842549	-86.924747	56525.13	56250.8	-0.83	56524.30	56492.32813	56470.31836	56438.97656	505521.5	5409955.6
L5520.1	505521.5	5409957.1	13549.70020	435.96	0	48.842562	-86.924747	56529.80	56250.8	-0.83	56528.97	56497.14063	56483.48709	56452.00781	505521.5	5409957.1
L5520.1	505521.5	5409958.5	13549.79981	435.10	0	48.842575	-86.924747	56534.54	56250.8	-0.83	56533.71	56502.02734	56498.60272	56466.98828	505521.5	5409958.5
L5520.1	505521.5	5409958.5	13550.00000	434.52	0	48.842575	-86.924747	56539.09	56250.8	-0.83	56538.26	56506.73047	56509.15183	56477.40234	505521.5	5409958.5
L5520.1	505521.6	5409962.0	13550.00000	432.90	0	48.842606	-86.924746	56543.73	56250.8	-0.83	56542.90	56511.52344	56522.20786	56490.32813	505521.6	5409962.0
L5520.1	505521.6	5409962.0	13550.20020	434.76	0	48.842606	-86.924746	56548.50	56250.8	-0.83	56547.68	56516.46094	56539.05717	56507.04688	505521.6	5409962.0
L5520.1	505521.6	5409963.4	13550.20020	436.82	0	48.842618	-86.924746	56552.99	56250.8	-0.83	56552.16	56521.10156	56548.65721	56516.51563	505521.6	5409963.4
L5520.1	505521.6	5409964.9	13550.20020	436.82	0	48.842632	-86.924746	56557.46	56250.8	-0.83	56556.63	56525.73828	56558.33276	56526.06641	505521.6	5409964.9
L5520.1	505521.6	5409964.9	13550.40039	433.50	0	48.842632	-86.924746	56562.09	56250.8	-0.83	56561.26	56530.53516	56572.38915	56539.99609	505521.6	5409964.9
L5520.1	505521.6	5409966.9	13550.59961	434.49	0	48.842650	-86.924746	56566.77	56250.8	-0.82	56565.95	56535.39844	56588.33812	56555.82422	505521.6	5409966.9
L5520.1	505521.6	5409968.5	13550.70020	434.94	0	48.842664	-86.924746	56571.27	56250.8	-0.82	56570.44	56540.06250	56599.66549	56567.03125	505521.6	5409968.5
L5520.1	505521.6	5409969.7	13550.79981	434.50	0	48.842675	-86.924746	56575.51	56250.8	-0.82	56574.69	56544.48828	56605.39225	56572.64063	505521.6	5409969.7
L5520.1	505521.6	5409969.7	13550.90039	435.85	0	48.842675	-86.924746	56580.07	56250.8	-0.82	56579.25	56549.22656	56619.38406	56586.51953	505521.6	5409969.7
L5520.1	505521.6	5409971.3	13551.00000	435.44	0	48.842690	-86.924746	56584.72	56250.8	-0.82	56583.90	56554.06250	56636.13245	56603.15625	505521.6	5409971.3
L5520.1	505521.6	5409973.1	13551.09961	431.86	0	48.842706	-86.924745	56589.28	56250.8	-0.82	56588.46	56558.80469	56651.13511	56618.05078	505521.6	5409973.1
L5520.1	505521.6	5409973.1	13551.20020	433.93	0	48.842706	-86.924745	56593.20	56250.8	-0.82	56592.38	56562.91406	56650.57986	56617.39453	505521.6	5409973.1
L5520.1	505521.7	5409974.6	13551.29981	431.76	0	48.842719	-86.924745	56597.66	56250.8	-0.82	56596.84	56567.56250	56664.18251	56630.89453	505521.7	5409974.6
L5520.1	505521.7	5409975.9	13551.40039	435.13	0	48.842731	-86.924745	56602.12	56250.8	-0.82	56601.30	56572.21484	56678.38179	56644.99609	505521.7	5409975.9
L5520.1	505521.7	5409975.9	13551.50000	432.32	0	48.842731	-86.924745	56606.52	56250.8	-0.82	56605.69	56576.80078	56691.44165	56657.96484	505521.7	5409975.9
L5520.1	505521.7	5409977.4	13551.59961	431.11	0	48.842745	-86.924745	56610.57	56250.8	-0.83	56609.74	56581.04688	56696.59345	56663.02734	505521.7	5409977.4
L5520.1	505521.7	5409979.1	13551.70020	429.53	0	48.842760	-86.924744	56614.78	56250.8	-0.83	56613.95	56585.45703	56706.44194	56672.79297	505521.7	5409979.1
L5520.1	505521.7	5409979.1	13551.79981	429.83	0	48.842760	-86.924744	56619.05	56250.8	-0.83	56618.22	56589.92578	56718.49492	56684.76953	505521.7	5409979.1
L5520.1	505521.7	5409981.2	13551.90039	428.91	0	48.842778	-86.924744	56623.23	56250.8	-0.83	56622.40	56594.30859	56729.00161	56695.19922	505521.7	5409981.2
L5520.1	505521.8	5409982.6	13552.00000	429.05	0	48.842791	-86.924743	56627.44	56250.8	-0.83	56626.61	56598.72266	56741.00416	56707.13672	505521.8	5409982.6
L5520.1	505521.8	5409982.6	13552.09961	429.84	0	48.842791	-86.924743	56631.45	56250.8	-0.83	56630.62	56602.93750	56748.73786	56714.80859	505521.8	5409982.6
L5520.1	505521.8	5409984.4	13552.20020	430.31	0	48.842807	-86.924743	56635.43	56250.8	-0.83	56634.60	56607.12500	56756.50178	56722.51563	505521.8	5409984.4
L5520.1	505521.8	5409986.0	13552.20020	429.12	0	48.842822	-86.924742	56639.31	56250.8	-0.83	56638.48	56611.21094	56762.55576	56728.51953	505521.8	5409986.0
L5520.1	505521.8	5409986.0	13552.40039	431.36	0	48.842822	-86.924742	56643.26	56250.8	-0.83	56642.44	56615.38281	56771.44926	56737.37109	505521.8	5409986.0
L5520.1	505521.9	5409987.6	13552.50000	431.79	0	48.842836	-86.924742	56647.18	56250.8	-0.82	56646.35	56619.50391	56779.93121	56745.81641	505521.9	5409987.6
L5520.1	505521.9	5409989.0	13552.59961	431.79	0	48.842849	-86.924742	56651.10	56250.8	-0.82	56650.27	56623.63281	56789.53043	56755.38672	505521.9	5409989.0
L5520.1	505521.9	5409990.3	13552.70020	430.25	0	48.842861	-86.924742	56655.00	56250.8	-0.82	56654.18	56627.75781	56799.76220	56765.59766	505521.9	5409990.3
L5520.1	505521.9	5409990.3	13552.79981	430.79	0	48.842861	-86.924742	56658.93	56250.8	-0.82	56658.10	56631.89063	56811.14750	56776.96875	505521.9	5409990.3
L5520.1	505521.9	5409991.9	13552.90039	432.44	0	48.842875	-86.924741	56662.66	56250.8	-0.82	56661.84	56635.84375	56818.92279	56784.73828	505521.9	5409991.9
L5520.1	505521.9	5409993.2	13553.00000	432.66	0	48.842887	-86.924741	56666.16	56250.8	-0.82	56665.34	56639.55859	56821.59469	56787.41406	505521.9	5409993.2
L5520.1	505522.0	5409994.7	13553.09961	431.10	0	48.842900	-86.924741	56669.96	56250.8	-0.82	56669.14	56643.57422	56832.76560	56798.59375	505522.0	5409994.7
L5520.1	505522.0	5409994.7	13553.20020	430.00	0	48.842900	-86.924741	56673.24	56250.8	-0.82	56672.42	56647.06641	56831.81829	56797.66797	505522.0	5409994.7
L5520.1	505522.0	5409996.2	13553.29981	430.09	0	48.842913	-86.924740	56676.86	56250.8	-0.82	56676.04	56650.90234	56840.40501	56806.28516	505522.0	5409996.2
L5520.1	505522.0	5409996.2	13553.40039	430.70	0	48.842913	-86.924740	56680.26	56250.8	-0.82	56679.44	56654.51953	56844.44873	56810.37109	505522.0	5409996.2
L5520.1	505522.0	5409997.8	13553.50000	432.90	0	48.842928	-86.924740	56683.66	56250.8	-0.82	56682.84	56658.13672	56849.49708	56815.46875	505522.0	5409997.8
L5520.1	505522.0	5409999.4	13553.59961	432.43	0	48.842942	-86.924739	56687.06	56250.8	-0.82	56686.24	56661.75391	56855.56141	56821.59375	505522.0	5409999.4
L5520.1	505522.0	5409999.4	13553.70020	434.05	0	48.842942	-86.924739	56690.25	56250.8	-0.82	56689.43	56665.16016	56857.36841	56823.47266	505522.0	5409999.4
L5520.1	505522.1	5410000.6	13553.79981	432.85	0	48.842954	-86.924739	56693.87	56250.8	-0.82	56693.05	56668.99219	56871.03066	56837.21484	505522.1	5410000.6
L5520.1	505522.1	5410002.0	13553.90039	436.07	0	48.842966	-86.924739	56696.90	56250.8	-0.82	56696.08	56672.23828	56870.89275	56837.17188	505522.1	5410002.0
L5520.1	505522.1	5410002.0	13554.00000	434.37	0	48.842966	-86.924739	56700.18	56250.8	-0.82	56699.36	56675.73438	56878.09761	56844.48047	505522.1	5410002.0
L5520.1	505522.1	5410003.9	13554.09961	434.64	0	48.842983	-86.924738	56703.26	56250.8	-0.82	56702.44	56679.03125	56881.32970	56847.82813	505522.1	5410003.9
L5520.1	505522.2	5410005.2	13554.20020	434.83	0	48.842994	-86.924738	56706.50	56250.8	-0.82	56705.68	56682.48438	56889.65290	56856.28125	505522.2	5410005.2
L5520.1	505522.2	5410005.2	13554.20020	434.70	0	48.842994	-86.924738	56709.26	56250.8	-0.82	56708.44	56685.46094	56886.96924	56853.73828	505522.2	5410005.2
L5520.1	505522.2	5410006.5	13554.40039	433.53	0	48.843007	-86.924737	56712.39	56250.8	-0.82	56711.57	56688.80078	56894.66952	56861.59375	505522.2	5410006.5
L5520.1	505522.2	5410007.7	13554.50000	433.58	0	48.843017	-86.924737	56715.31	56250.8	-0.82	56714.49	56691.93750	56898.16357	56865.25781	505522.2	5410007.7
L5520.1	505522.2	5410007.7	13554.59961	433.83	0	48.843017	-86.924737	56718.14	56250.8	-0.82	56717.32	56694.97656	56900.47286	56867.74609	505522.2	5410007.7
L5520.1	505522.2	5410008.8	13554.70020	433.11	0	48.843027	-86.924737	56720.90	56250.8	-0.82	56720.08	56697.94922	56902.10184	56869.57031	505522.2	5410008.8
L5520.1	505522.2	5410010.3	13554.79981	435.68	0	48.843040	-86.924737	56723.77	56250.8	-0.82	56722.95	56701.03125	56907.57972	56875.25781	505522.2	5410010.3
L5520.1	505522.2	5410011.4	13554.90039	433.31	0	48.843050	-86.924736	56726.67	56250.8	-0.82	56725.85	56704.14063	56914.89298	56882.79297	505522.2	5410011.4
L5520.1	505522.2	5410011.4	13555.00000	433.24	0	48.843050	-86.924736	56729.06	56250.8	-0.82	56728.24	56706.73828	56910.45311	56878.58984	505522.2	5410011.4
L5520.1	505522.3	5410012.5	13555.09961	430.59	0	48.843060	-86.924736	56731.82	56250.8	-0.82	56731.00	56709.70703	56916.39913	56884.78906	505522.3	5410012.5
L5520.1	505522.3	5410013.6	13555.20020	429.29	0	48.843070	-86.924736	56734.37	56250.8	-0.82	56733.55	56712.46484	56918.13424	56886.78906	505522.3	5410013.6
L5520.1	505522.3	5410013.6	13555.29981	430.58	0	48.843070	-86.924736	56736.92	56250.8	-0.82	56736.10	56715.21875	56920.93778	56889.87891	505522.3	5410013.6
L5520.1	505522.3	5410013.6	13555.40039	430.64	0	48.843070	-86.924736	56739.25	56250.8	-0.82	56738.43	56717.75391	56919.26903	56888.50781	505522.3	5410013.6
L5520.1	505522.3	5410016.0	13555.50000	430.92	0	48.843092	-86.924736	56741.97	56250.8	-0.82	56741.15	56720.67578	56928.46987	56898.01953	505522.3	5410016.0
L5520.1	505522.3	5410016.0	13555.59961	432.04	0	48.843092	-86.924736	56744.54	56250.8	-0.82	56743.72	56723.44922	56934.94627	56904.82422	505522.3	5410016.0

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5520.1	505522.3	5410017.1	13555.70020	432.49	0	48.843101	-86.924736	56746.76	56250.8	-0.82	56745.94	56725.86719	56933.65802	56903.88281	505522.3	5410017.1
L5520.1	505522.3	5410018.0	13555.79981	432.49	0	48.843110	-86.924735	56749.13	56250.8	-0.82	56748.31	56728.43750	56937.17664	56907.76172	505522.3	5410018.0
L5520.1	505522.3	5410019.4	13555.90039	432.21	0	48.843122	-86.924735	56751.29	56250.8	-0.82	56750.47	56730.79297	56936.43448	56907.39844	505522.3	5410019.4
L5520.1	505522.3	5410019.4	13556.00000	432.80	0	48.843122	-86.924735	56753.60	56250.8	-0.82	56752.78	56733.30078	56940.47884	56911.83594	505522.3	5410019.4
L5520.1	505522.3	5410020.6	13556.09961	431.88	0	48.843133	-86.924735	56755.77	56250.8	-0.82	56754.95	56735.66406	56942.00164	56913.77344	505522.3	5410020.6
L5520.1	505522.3	5410020.6	13556.20020	432.03	0	48.843133	-86.924735	56758.01	56250.8	-0.82	56757.19	56738.09766	56946.27447	56918.47266	505522.3	5410020.6
L5520.1	505522.3	5410021.4	13556.20020	433.60	0	48.843140	-86.924735	56760.02	56250.8	-0.82	56759.20	56740.30078	56945.73608	56918.37891	505522.3	5410021.4
L5520.1	505522.4	5410022.3	13556.40039	431.92	0	48.843149	-86.924735	56762.05	56250.8	-0.82	56761.22	56742.51172	56946.41132	56919.51563	505522.4	5410022.3
L5520.1	505522.4	5410023.2	13556.50000	430.97	0	48.843156	-86.924735	56764.20	56250.8	-0.83	56763.37	56744.84766	56951.30503	56924.89063	505522.4	5410023.2
L5520.1	505522.3	5410024.1	13556.59961	433.40	0	48.843164	-86.924735	56766.22	56250.8	-0.83	56765.40	56747.06641	56954.11182	56928.19141	505522.3	5410024.1
L5520.1	505522.3	5410024.1	13556.70020	432.40	0	48.843164	-86.924735	56768.31	56250.8	-0.83	56767.49	56749.33984	56959.34480	56933.94141	505522.3	5410024.1
L5520.1	505522.3	5410024.9	13556.79981	431.92	0	48.843172	-86.924735	56770.14	56250.8	-0.83	56769.31	56751.34375	56958.68438	56933.81250	505522.3	5410024.9
L5520.1	505522.3	5410026.2	13556.90039	432.64	0	48.843183	-86.924735	56771.94	56250.8	-0.83	56771.11	56753.32422	56958.40367	56934.07813	505522.3	5410026.2
L5520.1	505522.3	5410027.0	13557.00000	433.66	0	48.843191	-86.924735	56773.77	56250.8	-0.83	56772.94	56755.33594	56959.74299	56935.98438	505522.3	5410027.0
L5520.1	505522.3	5410027.0	13557.09961	434.86	0	48.843191	-86.924735	56775.59	56250.8	-0.83	56774.77	56757.34375	56961.92926	56938.75391	505522.3	5410027.0
L5520.1	505522.3	5410028.0	13557.20020	433.34	0	48.843200	-86.924736	56777.38	56250.8	-0.82	56776.55	56759.30078	56963.68566	56941.11328	505522.3	5410028.0
L5520.1	505522.3	5410028.9	13557.29981	433.70	0	48.843208	-86.924736	56779.02	56250.8	-0.82	56778.20	56761.12500	56962.98003	56941.02734	505522.3	5410028.9
L5520.1	505522.3	5410028.9	13557.40039	432.24	0	48.843208	-86.924736	56780.56	56250.8	-0.82	56779.75	56762.85156	56960.54746	56939.23047	505522.3	5410028.9
L5520.1	505522.2	5410029.9	13557.50000	429.80	0	48.843216	-86.924736	56782.27	56250.8	-0.82	56781.45	56764.72266	56962.65801	56941.99219	505522.2	5410029.9
L5520.1	505522.2	5410030.8	13557.59961	429.25	0	48.843225	-86.924736	56784.27	56250.8	-0.81	56783.46	56766.90234	56973.31687	56953.32422	505522.2	5410030.8
L5520.1	505522.2	5410031.7	13557.70020	429.98	0	48.843232	-86.924736	56785.90	56250.8	-0.81	56785.09	56768.69922	56975.14216	56955.83594	505522.2	5410031.7
L5520.1	505522.2	5410031.7	13557.79981	431.01	0	48.843232	-86.924736	56787.39	56250.8	-0.81	56786.58	56770.35547	56974.15126	56955.55078	505522.2	5410031.7
L5520.1	505522.2	5410032.3	13557.90039	432.58	0	48.843238	-86.924736	56788.75	56250.8	-0.80	56787.95	56771.89063	56970.82591	56952.94922	505522.2	5410032.3
L5520.1	505522.2	5410033.0	13558.00000	434.90	0	48.843245	-86.924737	56790.33	56250.8	-0.80	56789.53	56773.63672	56973.44748	56956.30859	505522.2	5410033.0
L5520.1	505522.2	5410033.8	13558.09961	433.94	0	48.843252	-86.924737	56791.77	56250.8	-0.80	56790.97	56775.23828	56973.18775	56956.80469	505522.2	5410033.8
L5520.1	505522.2	5410034.6	13558.20020	436.27	0	48.843259	-86.924737	56793.18	56250.8	-0.80	56792.38	56776.80859	56972.79232	56957.18359	505522.2	5410034.6
L5520.1	505522.2	5410034.6	13558.20020	435.65	0	48.843259	-86.924737	56794.42	56250.8	-0.80	56793.62	56778.20313	56968.71647	56953.89844	505522.2	5410034.6
L5520.1	505522.2	5410035.4	13558.29981	436.13	0	48.843266	-86.924737	56795.84	56250.8	-0.80	56795.04	56779.78125	56969.74423	56955.73047	505522.2	5410035.4
L5520.1	505522.2	5410036.2	13558.50000	436.09	0	48.843273	-86.924737	56797.13	56250.8	-0.81	56796.32	56781.21484	56967.80179	56954.60938	505522.2	5410036.2
L5520.1	505522.2	5410036.9	13558.59961	438.04	0	48.843280	-86.924737	56798.41	56250.8	-0.81	56797.60	56782.64844	56966.38933	56954.03516	505522.2	5410036.9
L5520.1	505522.2	5410036.9	13558.70020	435.53	0	48.843280	-86.924737	56799.83	56250.8	-0.81	56799.02	56784.22266	56969.00709	56957.50781	505522.2	5410036.9
L5520.1	505522.2	5410037.7	13558.79981	435.54	0	48.843287	-86.924737	56801.09	56250.8	-0.81	56800.28	56785.63281	56968.08458	56957.45313	505522.2	5410037.7
L5520.1	505522.2	5410037.7	13558.90039	436.86	0	48.843287	-86.924737	56802.28	56250.8	-0.81	56801.47	56786.96875	56965.86417	56956.11719	505522.2	5410037.7
L5520.1	505522.2	5410038.5	13559.00000	436.33	0	48.843294	-86.924737	56803.38	56250.8	-0.81	56802.57	56788.21875	56961.82068	56952.97266	505522.2	5410038.5
L5520.1	505522.2	5410039.1	13559.09961	435.56	0	48.843300	-86.924737	56804.59	56250.8	-0.81	56803.78	56789.57422	56960.96454	56953.02734	505522.2	5410039.1
L5520.1	505522.1	5410039.7	13559.20020	436.41	0	48.843305	-86.924737	56805.68	56250.8	-0.81	56804.87	56790.80859	56957.48718	56950.48047	505522.1	5410039.7
L5520.1	505522.1	5410040.3	13559.29981	433.70	0	48.843311	-86.924737	56806.60	56250.8	-0.80	56805.79	56791.87109	56950.10929	56944.04297	505522.1	5410040.3
L5520.1	505522.1	5410041.0	13559.40039	432.51	0	48.843317	-86.924738	56807.64	56250.8	-0.80	56806.84	56793.06250	56946.35816	56941.25000	505522.1	5410041.0
L5520.1	505522.1	5410041.0	13559.50000	431.65	0	48.843317	-86.924738	56808.56	56250.8	-0.80	56807.76	56794.12109	56939.67132	56935.53125	505522.1	5410041.0
L5520.1	505522.1	5410041.8	13559.59961	431.10	0	48.843324	-86.924737	56809.61	56250.8	-0.80	56808.81	56795.30859	56936.57032	56933.41016	505522.1	5410041.8
L5520.1	505522.1	5410041.8	13559.70020	433.23	0	48.843324	-86.924737	56810.59	56250.8	-0.80	56809.80	56796.43750	56932.25473	56930.08984	505522.1	5410041.8
L5520.1	505522.1	5410042.6	13559.79981	432.51	0	48.843331	-86.924738	56811.68	56250.8	-0.79	56810.88	56797.65234	56930.47925	56929.32422	505522.1	5410042.6
L5520.1	505522.1	5410043.1	13559.90039	432.15	0	48.843336	-86.924738	56812.52	56250.8	-0.79	56811.73	56798.63672	56923.17343	56923.03516	505522.1	5410043.1
L5520.1	505522.1	5410043.6	13560.00000	430.85	0	48.843340	-86.924738	56813.21	56250.8	-0.79	56812.42	56799.46094	56912.08008	56912.97266	505522.1	5410043.6
L5520.1	505522.1	5410043.6	13560.09961	431.57	0	48.843340	-86.924738	56814.15	56250.8	-0.79	56813.36	56800.53516	56907.49721	56909.42969	505522.1	5410043.6
L5520.1	505522.1	5410044.4	13560.20020	431.19	0	48.843347	-86.924738	56815.10	56250.8	-0.79	56814.31	56801.61719	56903.36883	56906.35547	505522.1	5410044.4
L5520.1	505522.1	5410044.4	13560.20020	431.60	0	48.843347	-86.924738	56815.95	56250.8	-0.79	56815.16	56802.59766	56896.91046	56900.95703	505522.1	5410044.4
L5520.1	505522.1	5410045.0	13560.40039	431.59	0	48.843352	-86.924738	56816.88	56250.8	-0.79	56816.08	56803.64453	56892.38326	56897.50391	505522.1	5410045.0
L5520.1	505522.1	5410045.5	13560.50000	431.05	0	48.843357	-86.924738	56817.80	56250.8	-0.79	56817.01	56804.70703	56888.26201	56894.46484	505522.1	5410045.5
L5520.1	505522.1	5410046.0	13560.59961	429.72	0	48.843361	-86.924738	56818.34	56250.8	-0.80	56817.54	56805.36328	56874.21588	56881.50781	505522.1	5410046.0
L5520.1	505522.1	5410046.0	13560.70020	429.41	0	48.843361	-86.924738	56819.09	56250.8	-0.80	56818.30	56806.25000	56866.08198	56874.47266	505522.1	5410046.0
L5520.1	505522.1	5410046.6	13560.79981	429.80	0	48.843367	-86.924738	56819.65	56250.8	-0.80	56818.85	56806.92578	56852.77601	56862.27344	505522.1	5410046.6
L5520.1	505522.1	5410046.6	13560.90039	432.46	0	48.843367	-86.924738	56820.35	56250.8	-0.80	56819.55	56807.75000	56843.34307	56853.95313	505522.1	5410046.6
L5520.1	505522.1	5410047.1	13561.00000	430.81	0	48.843371	-86.924738	56820.95	56250.8	-0.80	56820.14	56808.46484	56831.22927	56842.96094	505522.1	5410047.1
L5520.1	505522.1	5410047.4	13561.09961	433.14	0	48.843374	-86.924738	56821.18	56250.8	-0.80	56820.37	56808.82031	56810.13305	56822.99219	505522.1	5410047.4
L5520.1	505522.1	5410047.9	13561.20020	431.54	0	48.843378	-86.924738	56822.13	56250.8	-0.80	56821.33	56809.90234	56807.46920	56821.46094	505522.1	5410047.9
L5520.1	505522.1	5410047.9	13561.29981	429.67	0	48.843378	-86.924738	56822.43	56250.8	-0.81	56821.63	56810.32422	56788.25429	56803.38281	505522.1	5410047.9
L5520.1	505522.1	5410048.2	13561.40039	427.40	0	48.843382	-86.924738	56823.11	56250.8	-0.81	56822.30	56811.11719	56778.39501	56794.66797	505522.1	5410048.2
L5520.1	505522.0	5410048.7	13561.50000	427.07	0	48.843386	-86.924739	56823.29	56250.8	-0.81	56822.48	56811.42188	56756.24476	56773.66406	505522.0	5410048.7
L5520.1	505522.0	5410048.7	13561.59961	426.71	0	48.843386	-86.924739	56823.95	56250.8	-0.81	56823.14	56812.20313	56746.20216	56764.77344	505522.0	5410048.7
L5520.1	505522.0	5410049.0	13561.70020	429.56	0	48.843388	-86.924739	56824.17	56250.8	-0.81	56823.35	56812.53125	56724.86093	56744.58594	505522.0	5410049.0
L5520.1	505522.0	5410049.3	13561.79981	428.22	0	48.843391	-86.924739	56824.75	56250.8	-0.82	56823.93	56813.23438	56712.84717	56733.73047	505522.0	5410049.3
L5520.1	505522.0	5410049.6	13561.90039	431.35	0	48.843394	-86.924740	56824.96	56250.8	-0.82	56824.14	56813.56250	56691.53676	56713.57813	505522.0	5410049.6
L5520.1	505522.0	5410049.6	13562.00000	431.25	0	48.843394	-86.924740	56825.48	56250.8	-0.82	56824.66	56814.20313	56678.03486	56701.23828	505522.0	5410049.6
L5520.1	505521.9	5410049.9	13562.09961	433.39	0	48.843397	-86.924740	56825.58	56250.8	-0.82	56824.76	56814.42578	56653.97058	56678.33594	505521.9	5410049.9
L5520.1	505521.9	5410049.9	13562.20020	433.39	0	48.843397	-86.924740	56825.81	56250.8	-0.82	56825.00	56814.78516	56633.43134	56658.96094	505521.9	5410049.9
L5570.0	505572.0	5407851.0	17339.80078	312.44	82.17	48.823615	-86.924087	56721.57	56244.5	5.52	56727.09	56738.05078	56768.83326	56817.56641	505572.0	5407851.0
L5570.0	505572.0	5407851.0	17339.90039	315.27	82.17	48.823615	-86.924087	56721.04	56244.5	5.52	56726.56	56737.60547	56773.06025	56821.86719	505572.0	5407851.0
L5570.0	505572.0	5407851.1	17340.00000	317.76	99.82	48.823616	-86.924087	56720.39	56244.5	5.52	56725.91	56737.04297	56775.20510	56824.08984	505572.0	5407851.1
L5570.0	505572.0	5407851.3	17340.09961	320.04	99.82	48.823618	-86.924087	56719.54	56244.5	5.52	56725.06	56736.27734	56773.12161	56822.08203	505572.0	5407851.3
L5570.0	505572.0	5407851.3	17340.19922	320.54	92.17	48.823618	-86.924087	56718.53	56244.5	5.53	56724.06	56735.36719	56767.48447	56816.51953	505572.0	5407851.3
L5570.0	505572.0	5407851.4	17340.30078	321.45	94.23	48.823619	-86.924087	56717.40	56244.5	5.53	56722.93	56734.32422	56758.44541	56807.55469	505572.0	5407851.4
L5570.0	505572.0	5407851.6	17340.40039	320.17	85.84	48.823621	-86.924087	56716.53	56244.5	5.54	56722.06	56733.53906	56755.52801	56804.70703	505572.0	5407851.6
L5570.0	505572.0	5407851.9	17340.50000	319.44	85.84	48.823623	-86.924088	56715.59	56244.5	5.54	56721.13	56732.69531	56751.07124	56800.32422	505572.0	5407851.9
L5570.0	505572.0	5407851.9	17340.59961	318.73	85.14	48.823623	-86.924088	56714.72	56244.5	5.54	56720.26	56731.91406	56748.12387	56797.44531	505572.0	5407851.9
L5570.0	505571.9	5407852.1	17340.69922	319.64	86.29	48.823625	-86.924088	56713.85	56244.5	5.55	56719.40	56731.14063	56745.45215	56794.84375	505571.9	5407852.1
L5570.0	505571.9	5407852.4	17340.80078	320.81	86.29	48.823627	-86.924089	56713.02	56244.4	5.55	56718.57	56730.39844	56744.46738	56793.92578	505571.9	5407852.4
L5570.0	505571.9	5407852.6	17340.90039	319.57	98.84	48.823630	-86.924090	56712.14	56244.4	5.56	56717.70	56729.61719	56740.95528	56790.48047	505571.9	5407852.6
L5570.0	505571.9	5407852.6	17341.00000	318.51	86.44	48.823630	-86.924090	56710.94	56244.4	5.56	56716.50	56728.50781	56731.79753	56781.38672	505571.9	5407852.6
L5570.0	505571.8	5407852.9	17341.09961	319.24	92.38	48.823632	-86.924090	56709.90	56244.4	5.56	56715.46	56727.55469	56725.31338	56774.96484	505571.8	5407852.9
L5570.0	505571.7	5407853.2	17341.19922	319.72	92.38	48.823635	-86.924091	56708.65	56244.4	5.56	56714.21	56726.39453	56715.30994	56765.01953	505571.7	5407853.2
L5570.0	505571.7	5407853.4	17341.30078	318.49	101.83	48.823637	-86.924092	56707.49	56244.4	5.56	56713.05	56725.32422	56706.95085	56756.71875	505571.7	5407853.4
L5570.0	505571.6	5407853.7	17341.40039	316.89	101.96	48.823640	-86.924093	56706.56	56244.4	5.56	56712.12	56724.48438	56702.61880	56752.44141	505571.6	5407853.7
L5570.0	505571.5	5407854.0	17341.50000	316.99	101.96	48.823642	-86.924094	56705.76	56244.4	5.56	56711.32	56723.77734	56700.59638	56750.47266	505571.5	5407854.0
L5570.0	505571.5	5407854.0	17341.59961	316.44	101.9	48.823642	-86.924094	56705.09	56244.4	5.56	56710.65	56723.19922	56694.60518	56744.53125	505571.5	5407854.0
L5570.0	505571.5	5407854.4	17341.69922	317.31	101.9	48.823646	-86.924095	56704.57	56244.4	5.56	56710.13	56722.76953	56700.96716	56750.93750	505571.5	5407854.4
L5570.0	505571.4	5407854.8	17341.80078	317.96	84.79	48.823650	-86.924096	56704.18	56244.4	5.56	56709.74	56722.47266	56710.45990	56760.47266	505571.4	5407854.8
L5570.0	505571.3	5407855.2	17341.90039	317.10	84.79	48.823653	-86.924096	56703.77	56244.4	5.56	56709.33	56722.15625	56719.11856	56769.16797	505571.3	5407855.2
L5570.0	505571.3	5407855.2	17342.00000	316.48	85.9	48.823653	-86.924096	56703.39	56244.4	5.56	56708.95	56721.87109	56728.23690	56778.32422	505571.3	5407855.2
L5570.0	505571.3	5407855.5	17342.09961	316.08	85.77	48.823656	-86.924097	56703.04	56244.4	5.56	56708.60	56721.61328	56737.82240	56787.94531	505571.3	5407855.5
L5570.0	505571.3	5407855.9	17342.19922	314.64	85.77	48.823659	-86.924098	56702.49	56244.4	5.56	56708.05	56721.16016	56742.18118	56792.33203	505571.3	5407855.9
L5570.0	505571.2	5407856.2	17342.30078	313.65	84.69	48.823662	-86.924098	56702.04	56244.4	5.56	56707.60	56720.80469	56748.88308	56799.05859	505571.2	5407856.2
L5570.0	505571.2	5407856.6	17342.40039	313.76	84.69	48.823666	-86.924099	56701.32	56244.4	5.56	56706.88	56720.18359	56748.85919	56799.05469	505571.2	5407856.6

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5570.0	505571.1	5407857.0	17342.50000	313.67	102.44	48.823669	-86.924099	56700.69	56244.4	5.56	56706.25	56719.65234	56751.04515	56801.25781	505571.1	5407857.0
L5570.0	505571.1	5407857.0	17342.59961	314.77	102.92	48.823669	-86.924099	56699.79	56244.4	5.56	56705.35	56718.84766	56746.71555	56796.94141	505571.1	5407857.0
L5570.0	505571.1	5407857.3	17342.69922	314.84	102.92	48.823672	-86.924100	56699.21	56244.4	5.56	56704.77	56718.36719	56750.24470	56800.47656	505571.1	5407857.3
L5570.0	505571.1	5407857.8	17342.80078	314.90	103.07	48.823676	-86.924100	56698.34	56244.4	5.56	56703.90	56717.59766	56746.88703	56797.12109	505571.1	5407857.8
L5570.0	505571.0	5407858.3	17342.90039	312.93	103.39	48.823681	-86.924101	56697.74	56244.4	5.56	56703.30	56717.09766	56750.23659	56800.47266	505571.0	5407858.3
L5570.0	505571.0	5407858.6	17343.00000	314.66	103.39	48.823684	-86.924101	56696.82	56244.4	5.56	56702.38	56716.28125	56746.07394	56796.30469	505571.0	5407858.6
L5570.0	505571.0	5407858.6	17343.09961	314.75	103.8	48.823684	-86.924101	56695.98	56244.4	5.56	56701.54	56715.54297	56744.11162	56794.33203	505571.0	5407858.6
L5570.0	505571.0	5407859.3	17343.19922	316.10	103.72	48.823690	-86.924101	56694.99	56244.4	5.56	56700.55	56714.65625	56738.80486	56789.00781	505571.0	5407859.3
L5570.0	505571.0	5407859.7	17343.30078	316.33	103.53	48.823693	-86.924101	56694.10	56244.4	5.56	56699.66	56713.86719	56736.28257	56786.46484	505571.0	5407859.7
L5570.0	505571.0	5407860.3	17343.40039	315.64	103.53	48.823699	-86.924101	56693.08	56244.4	5.56	56698.64	56712.95313	56730.96443	56781.12109	505571.0	5407860.3
L5570.0	505571.0	5407860.6	17343.50000	316.05	104.75	48.823702	-86.924101	56692.10	56244.4	5.56	56697.66	56712.07813	56727.07696	56777.20313	505571.0	5407860.6
L5570.0	505571.0	5407861.1	17343.59961	314.79	104.64	48.823706	-86.924101	56690.97	56244.4	5.56	56696.53	56711.05469	56719.93286	56770.02344	505571.0	5407861.1
L5570.0	505571.0	5407861.1	17343.69922	315.09	104.64	48.823706	-86.924101	56689.81	56244.4	5.56	56695.36	56709.99219	56712.28749	56762.33984	505571.0	5407861.1
L5570.0	505571.0	5407861.6	17343.80078	315.89	99.56	48.823711	-86.924101	56688.79	56244.4	5.56	56694.35	56709.08984	56709.30592	56759.30859	505571.0	5407861.6
L5570.0	505571.0	5407862.2	17343.90039	315.52	99.56	48.823716	-86.924101	56687.81	56244.4	5.56	56693.36	56708.21094	56707.57593	56757.52734	505571.0	5407862.2
L5570.0	505571.1	5407862.7	17344.00000	316.74	101.03	48.823721	-86.924100	56686.92	56244.4	5.56	56692.48	56707.44141	56709.55872	56759.45313	505571.1	5407862.7
L5570.0	505571.1	5407863.3	17344.09961	318.09	101.03	48.823726	-86.924100	56686.16	56244.4	5.56	56691.72	56706.79297	56715.70177	56765.53516	505571.1	5407863.3
L5570.0	505571.1	5407863.9	17344.19922	319.09	87.82	48.823731	-86.924099	56685.36	56244.4	5.56	56690.92	56706.10156	56738.85292	56788.61719	505571.1	5407863.9
L5570.0	505571.1	5407863.9	17344.30078	317.29	88.32	48.823731	-86.924099	56684.75	56244.4	5.56	56690.32	56705.61719	56748.82862	56798.51953	505571.1	5407863.9
L5570.0	505571.2	5407864.7	17344.40039	318.22	88.32	48.823739	-86.924098	56683.69	56244.4	5.56	56689.25	56704.66016	56751.68032	56801.28906	505571.2	5407864.7
L5570.0	505571.2	5407864.7	17344.50000	317.45	96.35	48.823739	-86.924098	56683.00	56244.4	5.57	56688.56	56704.08203	56761.64703	56811.17188	505571.2	5407864.7
L5570.0	505571.3	5407865.4	17344.59961	319.62	104.37	48.823745	-86.924097	56681.77	56244.4	5.57	56687.33	56702.96875	56763.17347	56812.60547	505571.3	5407865.4
L5570.0	505571.3	5407865.9	17344.69922	318.68	104.37	48.823750	-86.924097	56680.86	56244.4	5.57	56686.43	56702.18359	56771.03027	56820.36719	505571.3	5407865.9
L5570.0	505571.3	5407865.9	17344.80078	319.19	104.2	48.823750	-86.924097	56679.55	56244.4	5.57	56685.12	56700.99219	56772.55538	56821.78906	505571.3	5407865.9
L5570.0	505571.4	5407866.7	17344.90039	319.54	104.39	48.823756	-86.924096	56678.20	56244.4	5.57	56683.77	56699.75781	56774.06590	56823.18750	505571.4	5407866.7
L5570.0	505571.4	5407867.3	17345.00000	320.26	104.39	48.823762	-86.924095	56676.72	56244.4	5.57	56682.29	56698.39844	56774.00534	56823.01563	505571.4	5407867.3
L5570.0	505571.5	5407867.9	17345.09961	319.23	85.71	48.823768	-86.924094	56675.09	56244.4	5.57	56680.66	56696.88672	56772.02403	56820.91406	505571.5	5407867.9
L5570.0	505571.6	5407868.7	17345.19922	319.17	85.71	48.823774	-86.924093	56673.36	56244.4	5.57	56678.93	56695.27734	56769.00892	56817.76953	505571.6	5407868.7
L5570.0	505571.6	5407869.4	17345.30078	319.74	85.78	48.823781	-86.924093	56671.70	56244.4	5.57	56677.27	56693.73438	56767.92521	56816.55469	505571.6	5407869.4
L5570.0	505571.6	5407869.4	17345.40039	319.65	87.58	48.823781	-86.924093	56669.90	56244.4	5.57	56675.47	56692.05859	56765.17109	56813.66016	505571.6	5407869.4
L5570.0	505571.7	5407870.2	17345.50000	319.29	87.58	48.823788	-86.924092	56668.24	56244.4	5.57	56673.82	56690.52734	56765.75620	56814.10156	505571.7	5407870.2
L5570.0	505571.7	5407871.0	17345.59961	320.52	87.45	48.823795	-86.924091	56666.46	56244.4	5.58	56672.04	56688.87109	56764.89273	56813.08984	505571.7	5407871.0
L5570.0	505571.8	5407871.8	17345.69922	319.50	100.79	48.823802	-86.924090	56664.56	56244.4	5.58	56670.13	56687.08594	56762.64463	56810.68750	505571.8	5407871.8
L5570.0	505571.9	5407872.6	17345.80078	318.00	100.79	48.823809	-86.924089	56662.38	56244.4	5.58	56667.95	56685.02734	56756.72461	56804.60156	505571.9	5407872.6
L5570.0	505571.9	5407872.6	17345.90039	317.92	103.26	48.823809	-86.924089	56660.14	56244.4	5.58	56665.72	56682.92188	56750.90903	56798.62109	505571.9	5407872.6
L5570.0	505571.9	5407873.5	17346.00000	317.66	103.26	48.823817	-86.924089	56657.84	56244.4	5.58	56663.42	56680.74609	56744.88820	56792.42578	505571.9	5407873.5
L5570.0	505572.0	5407874.3	17346.09961	318.78	103.77	48.823825	-86.924088	56655.75	56244.4	5.58	56661.32	56678.77344	56723.64985	56771.00781	505572.0	5407874.3
L5570.0	505572.0	5407875.2	17346.19922	317.28	99.25	48.823833	-86.924087	56653.42	56244.4	5.58	56658.99	56676.57031	56719.49475	56766.66797	505572.0	5407875.2
L5570.0	505572.0	5407875.2	17346.30078	316.26	99.25	48.823833	-86.924087	56651.18	56244.4	5.57	56656.75	56674.45703	56719.44614	56766.42969	505572.0	5407875.2
L5570.0	505572.0	5407876.1	17346.40039	314.68	94.23	48.823841	-86.924087	56648.57	56244.4	5.57	56654.14	56671.97266	56711.38979	56758.17578	505572.0	5407876.1
L5570.0	505572.1	5407877.1	17346.50000	314.12	94.23	48.823850	-86.924086	56645.89	56244.4	5.57	56651.46	56669.41797	56703.20963	56749.79688	505572.1	5407877.1
L5570.0	505572.1	5407877.9	17346.59961	312.65	96.63	48.823858	-86.924086	56643.19	56244.4	5.57	56648.76	56666.84766	56696.15967	56742.53906	505572.1	5407877.9
L5570.0	505572.1	5407877.9	17346.69922	314.60	100.86	48.823858	-86.924086	56640.69	56244.4	5.57	56646.25	56664.46484	56695.65765	56741.82422	505572.1	5407877.9
L5570.0	505572.2	5407879.3	17346.80078	315.44	100.86	48.823870	-86.924085	56637.98	56244.4	5.56	56643.54	56661.88281	56691.48416	56737.43359	505572.2	5407879.3
L5570.0	505572.2	5407880.2	17346.90039	316.42	103.31	48.823878	-86.924085	56635.34	56244.4	5.56	56640.91	56659.38281	56690.89506	56736.62109	505572.2	5407880.2
L5570.0	505572.2	5407881.2	17347.00000	316.66	103.31	48.823887	-86.924085	56632.91	56244.4	5.56	56638.47	56657.07031	56696.72284	56742.22266	505572.2	5407881.2
L5570.0	505572.2	5407881.2	17347.09961	318.63	98.84	48.823887	-86.924085	56630.25	56244.4	5.56	56635.81	56654.53906	56698.22472	56743.49219	505572.2	5407881.2
L5570.0	505572.2	5407882.4	17347.19922	318.11	98.84	48.823897	-86.924084	56627.26	56244.4	5.56	56632.82	56651.67969	56692.44976	56737.47656	505572.2	5407882.4
L5570.0	505572.2	5407883.3	17347.30078	318.23	104.37	48.823906	-86.924084	56624.02	56244.4	5.56	56629.58	56648.57031	56681.40043	56726.18359	505572.2	5407883.3
L5570.0	505572.2	5407883.3	17347.40039	317.86	104.03	48.823906	-86.924084	56620.73	56244.4	5.56	56626.29	56645.41016	56670.24699	56714.78125	505572.2	5407883.3
L5570.0	505572.2	5407884.2	17347.50000	318.69	104.03	48.823914	-86.924084	56617.54	56244.4	5.56	56623.10	56642.34766	56662.87512	56707.15625	505572.2	5407884.2
L5570.0	505572.2	5407885.1	17347.59961	319.61	104.45	48.823922	-86.924084	56614.35	56244.4	5.56	56619.91	56639.28906	56656.61389	56700.64063	505572.2	5407885.1
L5570.0	505572.2	5407886.0	17347.69922	318.85	103.21	48.823930	-86.924085	56611.11	56244.4	5.56	56616.67	56636.17578	56650.09718	56693.85938	505572.2	5407886.0
L5570.0	505572.2	5407887.1	17347.80078	319.64	103.21	48.823940	-86.924085	56607.91	56244.4	5.56	56613.47	56633.10547	56645.63768	56689.13281	505572.2	5407887.1
L5570.0	505572.2	5407887.9	17347.90039	318.56	105.55	48.823947	-86.924085	56604.45	56244.4	5.56	56610.01	56629.77734	56635.30627	56678.53125	505572.2	5407887.9
L5570.0	505572.2	5407887.9	17348.00000	317.81	105.64	48.823947	-86.924085	56601.20	56244.4	5.56	56606.76	56626.65625	56631.39275	56674.33984	505572.2	5407887.9
L5570.0	505572.1	5407888.8	17348.09961	317.64	106.16	48.823955	-86.924085	56597.84	56244.4	5.56	56603.40	56623.42578	56625.45775	56668.12500	505572.1	5407888.8
L5570.0	505572.1	5407889.7	17348.19922	317.04	106.16	48.823964	-86.924086	56594.49	56244.4	5.56	56600.06	56620.21484	56620.84817	56663.23438	505572.1	5407889.7
L5570.0	505572.1	5407890.7	17348.30078	315.33	106.31	48.823972	-86.924086	56591.13	56244.4	5.57	56596.69	56616.97266	56616.21900	56658.31641	505572.1	5407890.7
L5570.0	505572.1	5407891.7	17348.40039	315.72	106.31	48.823981	-86.924086	56587.79	56244.4	5.57	56593.35	56613.76172	56613.05915	56654.86328	505572.1	5407891.7
L5570.0	505572.1	5407892.7	17348.50000	316.19	107.02	48.823991	-86.924086	56584.36	56244.4	5.57	56589.93	56610.46875	56608.52055	56650.02734	505572.1	5407892.7
L5570.0	505572.0	5407893.5	17348.59961	316.44	107.5	48.823998	-86.924086	56580.94	56244.4	5.57	56586.51	56607.17578	56604.60173	56645.81250	505572.0	5407893.5
L5570.0	505572.0	5407894.5	17348.69922	317.01	107.5	48.824007	-86.924087	56577.47	56244.4	5.57	56583.04	56603.83594	56600.01626	56640.92188	505572.0	5407894.5
L5570.0	505572.0	5407894.5	17348.80078	316.32	107.43	48.824007	-86.924087	56574.25	56244.4	5.58	56579.83	56600.75000	56602.35509	56642.95313	505572.0	5407894.5
L5570.0	505572.0	5407895.6	17348.90039	315.01	107.43	48.824016	-86.924087	56570.94	56244.4	5.58	56576.52	56597.56641	56602.66664	56642.95703	505572.0	5407895.6
L5570.0	505572.0	5407896.6	17349.00000	313.35	107.62	48.824025	-86.924087	56567.47	56244.4	5.58	56573.05	56594.22266	56599.52869	56639.50781	505572.0	5407896.6
L5570.0	505572.0	5407896.6	17349.09961	314.70	107.3	48.824025	-86.924087	56563.64	56244.4	5.58	56569.22	56590.51953	56588.14360	56627.80469	505572.0	5407896.6
L5570.0	505572.0	5407897.9	17349.19922	310.07	106.97	48.824037	-86.924086	56559.78	56244.4	5.58	56565.36	56586.78516	56576.48380	56615.82813	505572.0	5407897.9
L5570.0	505572.1	5407899.0	17349.30078	310.10	106.97	48.824047	-86.924086	56556.03	56244.4	5.58	56561.61	56583.15625	56567.84651	56606.86719	505572.1	5407899.0
L5570.0	505572.1	5407900.2	17349.40039	313.86	107.46	48.824058	-86.924086	56552.38	56244.4	5.58	56557.96	56579.63281	56561.92827	56600.62500	505572.1	5407900.2
L5570.0	505572.1	5407901.2	17349.50000	314.54	107.87	48.824067	-86.924086	56548.89	56244.4	5.58	56554.47	56576.26563	56560.14206	56598.51172	505572.1	5407901.2
L5570.0	505572.1	5407901.2	17349.59961	314.32	107.87	48.824067	-86.924086	56545.54	56244.4	5.58	56551.12	56573.03516	56562.00516	56600.04688	505572.1	5407901.2
L5570.0	505572.1	5407902.2	17349.69922	314.59	95.16	48.824075	-86.924086	56541.99	56244.4	5.58	56547.57	56569.60938	56559.27680	56596.98828	505572.1	5407902.2
L5570.0	505572.1	5407903.2	17349.80078	315.17	95.16	48.824084	-86.924086	56538.66	56244.4	5.58	56544.24	56566.39844	56562.12194	56599.50000	505572.1	5407903.2
L5570.0	505572.1	5407903.9	17349.90039	315.14	95.95	48.824091	-86.924086	56535.08	56244.4	5.58	56540.66	56562.93750	56559.06918	56596.10938	505572.1	5407903.9
L5570.0	505572.1	5407905.2	17350.00000	316.24	100.84	48.824103	-86.924085	56531.54	56244.4	5.58	56537.12	56559.51563	56557.14445	56593.84766	505572.1	5407905.2
L5570.0	505572.1	5407906.1	17350.09961	316.71	103.02	48.824111	-86.924085	56527.61	56244.4	5.58	56533.18	56555.69531	56545.45624	56581.82031	505572.1	5407906.1
L5570.0	505572.1	5407907.2	17350.19922	316.45	103.02	48.824121	-86.924085	56523.65	56244.4	5.58	56529.23	56551.86328	56533.54674	56569.57031	505572.1	5407907.2
L5570.0	505572.1	5407908.3	17350.30078	317.69	106.96	48.824131	-86.924085	56519.92	56244.4	5.58	56525.50	56548.25000	56527.12048	56562.80078	505572.1	5407908.3
L5570.0	505572.1	5407909.4	17350.40039	318.34	107.12	48.824141	-86.924085	56516.22	56244.4	5.58	56521.80	56544.66406	56521.47317	56556.80859	505572.1	5407909.4
L5570.0	505572.1	5407910.2	17350.50000	317.87	107.07	48.824147	-86.924085	56512.52	56244.4	5.58	56518.10	56541.07813	56515.84773	56550.83984	505572.1	5407910.2
L5570.0	505572.1	5407910.9	17350.59961	317.72	107.07	48.824154	-86.924085	56508.64	56244.4	5.57	56514.22	56537.31250	56505.79867	56540.44531	505572.1	5407910.9
L5570.0	505572.1	5407911.8	17350.69922	316.98	101.8	48.824163	-86.924086	56504.92	56244.4	5.57	56510.49	56533.69531	56499.48345	56533.78516	505572.1	5407911.8
L5570.0	505572.1	5407911.8	17350.80078	317.08	95.78	48.824163	-86.924086	56501.26	56244.4	5.57	56506.83	56530.14844	56494.89086	56528.84375	505572.1	5407911.8
L5570.0	505572.1	5407913.0	17350.90039	317.10	95.12	48.824172	-86.924086	56497.46	56244.4	5.57	56503.03	56526.45703	56486.94592	56520.55078	505572.1	5407913.0
L5570.0	505572.0	5407913.9	17351.00000	316.56	96.9	48.824181	-86.924086	56493.82	56244.4	5.57	56499.39	56522.92969	56482.83653	56516.09375	505572.0	5407913.9
L5570.0	505572.0	5407915.0	17351.09961	315.22	96.9	48.824191	-86.924087	56490.14	56244.4	5.57	56495.71	56519.35547	56477.75918	56510.66797	505572.0	5407915.0
L5570.0	505572.0	5407916.3	17351.19922	313.94	109.72	48.824203	-86.924087	56486.54	56244.4	5.57	56492.11	56515.86328	56474.45356	56507.01563	505572.0	5407916.3
L5570.0	505572.0	5407916.3	17351.30078	313.67	109.83	48.824203	-86.924087	56483.02	56244.4	5.57	56488.59	56512.44922	56472.76730	56504.97656	505572.0	5407916.3
L5570.0	505572.0	5407918.2	17351.40039	315.48	109.83	48.824220	-86.924087	56479.50	56244.4	5.57	56485.06	56509.02734	56470.62417	56502.48438	505572.0	5407918.2
L5570.0	505572.0	5407918.2	17351.50000	315.42	110.49	48.824220	-86.924087	56475.92	56244.4	5.57	56481.49	56505.56250	56467.40555	56498.91797	505572.0	5407918.2
L5570.0	505571.9	5407919.2	17351.59961	314.36	110.91	48.824228	-86.924088	56472.40	56244.4	5.56	56477.97	56502.14453	56464.96909	56496.13281	505571.9	5407919.2
L5570.0	505571.9	5407920.6	17351.69922	313.54	84.66	48.824241	-86.924088	56468.78	56244.4	5.56	56474.34	56498.61719	56460.11663	56490.93359	505571.9	5407920.6

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5570.0	505571.9	5407921.8	17351.80078	313.13	84.66	48.824252	-86.924087	56465.23	56244.4	5.56	56470.79	56495.16797	56456.60013	56487.07031	505571.9	5407921.8
L5570.0	505571.9	5407922.7	17351.90039	312.45	87.11	48.824261	-86.924087	56461.66	56244.4	5.56	56467.22	56491.69922	56452.44750	56482.57031	505571.9	5407922.7
L5570.0	505571.9	5407922.7	17352.00000	308.24	90.45	48.824261	-86.924087	56458.11	56244.4	5.56	56463.67	56488.24609	56448.38715	56478.16406	505571.9	5407922.7
L5570.0	505572.0	5407924.8	17352.09961	306.39	90.3	48.824279	-86.924087	56454.72	56244.4	5.56	56460.28	56484.95313	56446.82429	56476.25781	505572.0	5407924.8
L5570.0	505572.0	5407924.8	17352.19922	305.35	90.3	48.824279	-86.924087	56451.22	56244.4	5.56	56456.78	56481.55078	56442.96384	56472.05078	505572.0	5407924.8
L5570.0	505572.0	5407925.6	17352.30078	305.78	92.72	48.824286	-86.924087	56447.88	56244.4	5.57	56453.45	56478.31641	56441.63035	56470.37500	505572.0	5407925.6
L5570.0	505572.0	5407926.8	17352.40039	307.92	92.72	48.824297	-86.924087	56444.46	56244.4	5.57	56450.03	56474.99219	56438.37167	56466.77344	505572.0	5407926.8
L5570.0	505572.0	5407928.0	17352.50000	306.12	110.41	48.824307	-86.924086	56440.98	56244.4	5.57	56446.55	56471.60547	56433.72249	56461.78516	505572.0	5407928.0
L5570.0	505572.0	5407929.1	17352.59961	305.92	110.49	48.824318	-86.924086	56437.39	56244.4	5.57	56442.96	56468.10938	56426.82695	56454.55078	505572.0	5407929.1
L5570.0	505572.0	5407929.1	17352.69922	307.21	110.49	48.824318	-86.924086	56433.69	56244.4	5.57	56439.26	56464.50000	56417.60943	56444.99609	505572.0	5407929.1
L5570.0	505572.0	5407930.5	17352.80078	308.23	110.47	48.824330	-86.924086	56430.24	56244.4	5.58	56435.82	56461.15234	56412.23697	56439.28906	505572.0	5407930.5
L5570.0	505572.1	5407931.6	17352.90039	310.08	110.35	48.824340	-86.924086	56426.95	56244.4	5.58	56432.53	56457.94922	56408.91063	56435.62891	505572.1	5407931.6
L5570.0	505572.1	5407932.7	17353.00000	311.31	110.54	48.824350	-86.924086	56423.66	56244.4	5.58	56429.24	56454.75000	56405.08898	56431.47656	505572.1	5407932.7
L5570.0	505572.1	5407934.0	17353.09961	311.57	110.54	48.824362	-86.924085	56420.54	56244.4	5.58	56426.12	56451.71875	56403.82138	56429.87891	505572.1	5407934.0
L5570.0	505572.1	5407935.0	17353.19922	313.06	110.85	48.824371	-86.924085	56417.41	56244.4	5.58	56422.98	56448.66406	56401.79299	56427.52344	505572.1	5407935.0
L5570.0	505572.1	5407936.0	17353.30078	313.82	111.3	48.824380	-86.924085	56414.39	56244.4	5.57	56419.97	56445.74219	56401.82116	56427.22656	505572.1	5407936.0
L5570.0	505572.1	5407937.1	17353.40039	312.33	111.3	48.824390	-86.924085	56410.95	56244.4	5.57	56416.52	56442.37891	56392.92538	56418.00781	505572.1	5407937.1
L5570.0	505572.1	5407937.1	17353.50000	313.03	111.72	48.824390	-86.924085	56407.61	56244.4	5.57	56413.18	56439.12109	56385.42481	56410.18750	505572.1	5407937.1
L5570.0	505572.1	5407938.3	17353.59961	313.32	112.19	48.824400	-86.924085	56404.24	56244.4	5.57	56409.81	56435.83594	56376.56363	56401.01172	505572.1	5407938.3
L5570.0	505572.1	5407940.1	17353.69922	314.83	112.19	48.824416	-86.924085	56400.94	56244.4	5.57	56406.51	56432.61719	56368.39129	56392.52344	505572.1	5407940.1
L5570.0	505572.1	5407940.1	17353.80078	315.52	112.61	48.824416	-86.924085	56397.70	56244.4	5.56	56403.27	56429.46094	56360.81364	56384.63281	505572.1	5407940.1
L5570.0	505572.1	5407941.1	17353.90039	314.39	112.64	48.824425	-86.924085	56395.10	56244.4	5.56	56400.66	56426.93359	56366.62029	56390.12891	505572.1	5407941.1
L5570.0	505572.1	5407942.2	17354.00000	315.17	112.75	48.824436	-86.924085	56392.02	56244.4	5.56	56397.58	56423.93359	56361.61754	56384.82031	505572.1	5407942.2
L5570.0	505572.1	5407943.6	17354.09961	314.97	112.75	48.824449	-86.924085	56388.90	56244.4	5.56	56394.46	56420.89453	56355.10754	56378.01172	505572.1	5407943.6
L5570.0	505572.1	5407945.0	17354.19922	314.60	104.25	48.824461	-86.924084	56385.81	56244.4	5.56	56391.38	56417.89453	56348.91307	56371.51563	505572.1	5407945.0
L5570.0	505572.1	5407945.0	17354.30078	314.82	106.37	48.824461	-86.924084	56382.98	56244.4	5.56	56388.54	56415.13672	56347.84456	56370.14844	505572.1	5407945.0
L5570.0	505572.2	5407946.3	17354.40039	318.04	106.37	48.824472	-86.924084	56380.07	56244.4	5.56	56385.63	56412.30469	56344.60285	56366.61328	505572.2	5407946.3
L5570.0	505572.2	5407947.7	17354.50000	318.67	98.11	48.824485	-86.924084	56377.26	56244.4	5.57	56382.82	56409.57422	56343.24997	56364.97266	505572.2	5407947.7
L5570.0	505572.2	5407949.0	17354.59961	318.17	98.11	48.824497	-86.924084	56374.25	56244.4	5.57	56379.82	56406.65234	56336.70135	56358.14063	505572.2	5407949.0
L5570.0	505572.2	5407949.0	17354.69922	317.00	100.7	48.824497	-86.924084	56371.68	56244.4	5.57	56377.24	56404.15234	56339.93459	56361.08984	505572.2	5407949.0
L5570.0	505572.1	5407950.1	17354.80078	317.35	100.7	48.824507	-86.924084	56369.02	56244.4	5.57	56374.59	56401.57813	56340.92329	56361.80078	505572.1	5407950.1
L5570.0	505572.1	5407951.1	17354.90039	318.16	102.82	48.824516	-86.924084	56366.26	56244.4	5.57	56371.83	56398.89844	56338.61907	56359.21875	505572.1	5407951.1
L5570.0	505572.1	5407952.3	17355.00000	316.97	102.82	48.824527	-86.924085	56363.36	56244.4	5.57	56368.93	56396.07422	56332.23565	56352.56641	505572.1	5407952.3
L5570.0	505572.1	5407953.5	17355.09961	316.05	104.69	48.824537	-86.924085	56360.60	56244.4	5.57	56366.17	56393.39453	56328.76009	56348.82422	505572.1	5407953.5
L5570.0	505572.1	5407954.7	17355.19922	316.54	108.33	48.824548	-86.924085	56357.86	56244.4	5.57	56363.43	56390.73047	56325.19944	56345.00000	505572.1	5407954.7
L5570.0	505572.1	5407955.6	17355.30078	317.48	108.33	48.824556	-86.924085	56355.06	56244.4	5.57	56360.63	56388.01172	56319.54856	56339.08984	505572.1	5407955.6
L5570.0	505572.0	5407956.8	17355.40039	316.92	111.49	48.824567	-86.924086	56352.03	56244.4	5.57	56357.59	56385.04688	56307.31400	56326.60156	505572.0	5407956.8
L5570.0	505572.0	5407956.8	17355.50000	316.46	114.99	48.824567	-86.924086	56349.37	56244.4	5.57	56354.93	56382.46484	56303.99952	56323.03906	505572.0	5407956.8
L5570.0	505572.0	5407958.4	17355.59961	316.93	114.99	48.824581	-86.924086	56346.76	56244.4	5.56	56352.33	56379.94531	56301.59425	56320.38672	505572.0	5407958.4
L5570.0	505572.0	5407958.4	17355.69922	314.68	113.34	48.824581	-86.924086	56344.37	56244.4	5.56	56349.93	56377.62500	56303.57801	56322.13281	505572.0	5407958.4
L5570.0	505571.9	5407959.8	17355.80078	314.90	113.34	48.824594	-86.924087	56341.81	56244.4	5.56	56347.38	56375.15625	56301.22553	56319.54297	505571.9	5407959.8
L5570.0	505571.9	5407961.0	17355.90039	316.39	114.45	48.824605	-86.924087	56339.32	56244.4	5.56	56344.88	56372.73438	56299.51889	56317.60547	505571.9	5407961.0
L5570.0	505571.9	5407962.2	17356.00000	315.29	114.89	48.824616	-86.924088	56336.54	56244.4	5.56	56342.10	56370.03516	56290.26946	56308.12891	505571.9	5407962.2
L5570.0	505571.9	5407963.4	17356.09961	315.55	114.93	48.824627	-86.924088	56334.00	56244.4	5.56	56339.56	56367.57813	56286.40898	56304.05078	505571.9	5407963.4
L5570.0	505571.8	5407964.3	17356.19922	316.52	114.93	48.824634	-86.924088	56331.64	56244.4	5.56	56337.20	56365.30078	56286.44909	56303.87500	505571.8	5407964.3
L5570.0	505571.8	5407964.3	17356.30078	316.15	115.37	48.824634	-86.924088	56329.62	56244.4	5.56	56335.17	56363.35547	56294.09746	56311.30859	505571.8	5407964.3
L5570.0	505571.8	5407965.7	17356.40039	313.50	115.28	48.824647	-86.924089	56327.46	56244.4	5.56	56333.02	56361.28906	56298.19958	56315.20703	505571.8	5407965.7
L5570.0	505571.8	5407966.7	17356.50000	312.32	115.28	48.824656	-86.924089	56324.77	56244.4	5.56	56330.32	56358.67188	56288.16930	56304.97656	505571.8	5407966.7
L5570.0	505571.8	5407967.7	17356.59961	315.07	108.93	48.824665	-86.924089	56322.24	56244.4	5.55	56327.79	56356.23047	56281.82594	56298.44141	505571.8	5407967.7
L5570.0	505571.7	5407968.9	17356.69922	314.89	108.22	48.824676	-86.924089	56319.94	56244.4	5.55	56325.49	56354.01953	56280.62459	56297.05078	505571.7	5407968.9
L5570.0	505571.7	5407970.3	17356.80078	315.73	114.99	48.824689	-86.924090	56317.75	56244.4	5.55	56323.30	56351.91797	56281.58661	56297.83203	505571.7	5407970.3
L5570.0	505571.7	5407971.2	17356.90039	316.53	114.99	48.824696	-86.924090	56315.70	56244.4	5.55	56321.25	56349.95703	56285.40826	56301.47656	505571.7	5407971.2
L5570.0	505571.7	5407972.3	17357.00000	316.23	111.1	48.824707	-86.924091	56313.28	56244.4	5.55	56318.83	56347.62891	56279.73995	56295.63672	505571.7	5407972.3
L5570.0	505571.6	5407973.6	17357.09961	316.98	102.27	48.824718	-86.924091	56310.93	56244.4	5.55	56316.48	56345.37109	56275.31314	56291.04688	505571.6	5407973.6
L5570.0	505571.6	5407973.6	17357.19922	316.51	103.9	48.824718	-86.924091	56308.71	56244.4	5.55	56314.26	56343.24609	56273.54213	56289.11719	505571.6	5407973.6
L5570.0	505571.6	5407974.6	17357.30078	317.06	111.61	48.824727	-86.924092	56306.39	56244.4	5.55	56311.94	56341.02344	56268.97457	56284.39844	505571.6	5407974.6
L5570.0	505571.5	5407975.9	17357.40039	316.51	111.61	48.824739	-86.924093	56304.20	56244.4	5.55	56309.75	56338.93359	56267.04372	56282.32422	505571.5	5407975.9
L5570.0	505571.4	5407977.2	17357.50000	315.08	114.72	48.824751	-86.924094	56301.90	56244.4	5.55	56307.45	56336.73438	56262.17943	56277.32031	505571.4	5407977.2
L5570.0	505571.4	5407978.4	17357.59961	314.34	114.72	48.824761	-86.924095	56300.01	56244.4	5.55	56305.56	56334.94531	56266.19404	56281.20703	505571.4	5407978.4
L5570.0	505571.4	5407978.4	17357.69922	314.60	111.72	48.824761	-86.924095	56297.61	56244.4	5.55	56303.16	56332.64844	56258.35940	56273.24609	505571.4	5407978.4
L5570.0	505571.3	5407979.7	17357.80078	313.73	107.69	48.824773	-86.924096	56295.68	56244.4	5.55	56301.23	56330.82813	56260.50765	56275.27734	505571.3	5407979.7
L5570.0	505571.2	5407980.8	17357.90039	313.17	107.69	48.824783	-86.924097	56293.40	56244.4	5.55	56298.95	56328.65625	56254.68938	56269.35156	505571.2	5407980.8
L5570.0	505571.1	5407982.0	17358.00000	313.29	105.98	48.824794	-86.924098	56291.34	56244.4	5.55	56296.89	56326.70703	56253.20240	56267.76172	505571.1	5407982.0
L5570.0	505571.1	5407983.1	17358.09961	312.36	105.28	48.824804	-86.924098	56289.09	56244.5	5.55	56294.64	56324.57031	56247.45451	56261.91797	505571.1	5407983.1
L5570.0	505571.1	5407983.1	17358.19922	311.58	115.38	48.824804	-86.924098	56287.20	56244.5	5.55	56292.75	56322.79688	56248.60596	56262.98438	505571.1	5407983.1
L5570.0	505571.0	5407984.6	17358.30078	311.12	111.82	48.824817	-86.924099	56285.02	56244.5	5.55	56290.57	56320.73438	56243.58613	56257.88281	505571.0	5407984.6
L5570.0	505571.0	5407985.8	17358.40039	310.77	111.82	48.824828	-86.924100	56283.23	56244.5	5.55	56288.77	56319.05859	56245.47749	56259.69922	505571.0	5407985.8
L5570.0	505570.9	5407987.2	17358.50000	312.22	114.81	48.824841	-86.924101	56281.35	56244.5	5.54	56286.90	56317.31250	56245.46343	56259.62500	505570.9	5407987.2
L5570.0	505570.9	5407988.3	17358.59961	310.93	116.2	48.824850	-86.924101	56279.75	56244.5	5.54	56285.29	56315.82813	56249.67589	56263.78125	505570.9	5407988.3
L5570.0	505570.8	5407989.3	17358.69922	305.34	116.2	48.824859	-86.924101	56277.73	56244.5	5.54	56283.27	56313.93750	56245.81138	56259.86719	505570.8	5407989.3
L5570.0	505570.8	5407989.3	17358.80078	305.51	115.74	48.824859	-86.924101	56276.05	56244.5	5.54	56281.59	56312.39453	56247.57572	56261.58984	505570.8	5407989.3
L5570.0	505570.8	5407990.7	17358.90039	309.51	115.48	48.824872	-86.924102	56274.11	56244.5	5.54	56279.65	56310.58984	56244.14518	56258.12891	505570.8	5407990.7
L5570.0	505570.7	5407992.1	17359.00000	309.85	115.48	48.824885	-86.924103	56272.57	56244.5	5.54	56278.11	56309.18750	56247.32351	56261.28516	505570.7	5407992.1
L5570.0	505570.7	5407993.2	17359.09961	304.64	115.86	48.824895	-86.924103	56270.52	56244.5	5.54	56276.06	56307.28125	56240.92329	56254.86719	505570.7	5407993.2
L5570.0	505570.7	5407994.4	17359.19922	306.58	108.08	48.824905	-86.924104	56269.00	56244.5	5.55	56274.55	56305.91797	56243.66970	56257.60938	505570.7	5407994.4
L5570.0	505570.7	5407995.3	17359.30078	310.22	106.59	48.824913	-86.924104	56267.04	56244.5	5.55	56272.58	56304.09766	56237.67408	56251.61328	505570.7	5407995.3
L5570.0	505570.6	5407997.4	17359.40039	309.20	106.59	48.824932	-86.924104	56265.48	56244.4	5.55	56271.03	56302.69922	56238.82191	56252.77344	505570.6	5407997.4
L5570.0	505570.6	5407997.4	17359.50000	310.52	107.11	48.824932	-86.924104	56263.70	56244.4	5.56	56269.25	56301.07813	56235.31214	56249.28516	505570.6	5407997.4
L5570.0	505570.6	5407998.3	17359.59961	310.07	107.11	48.824940	-86.924105	56262.06	56244.4	5.56	56267.62	56299.60547	56234.16428	56248.16406	505570.6	5407998.3
L5570.0	505570.6	5407999.5	17359.69922	311.02	115.61	48.824951	-86.924105	56260.10	56244.4	5.56	56265.66	56297.81250	56226.22681	56240.26563	505570.6	5407999.5
L5570.0	505570.5	5408000.6	17359.80078	313.90	107.91	48.824961	-86.924105	56258.65	56244.4	5.56	56264.21	56296.52734	56227.74096	56241.82422	505570.5	5408000.6
L5570.0	505570.5	5408002.1	17359.90039	313.16	107.91	48.824974	-86.924106	56256.95	56244.4	5.57	56262.51	56295.00000	56223.95757	56238.09766	505570.5	5408002.1
L5570.0	505570.5	5408002.1	17360.00000	312.35	107.88	48.824974	-86.924106	56255.38	56244.4	5.57	56260.95	56293.61719	56222.61802	56236.82422	505570.5	5408002.1
L5570.0	505570.5	5408003.4	17360.09961	314.20	107.88	48.824986	-86.924106	56253.66	56244.4	5.57	56259.23	56292.07422	56217.57749	56231.85938	505570.5	5408003.4
L5570.0	505570.4	5408004.6	17360.19922	315.63	112.18	48.824997	-86.924107	56252.09	56244.4	5.57	56257.66	56290.68750	56215.30041	56229.66406	505570.4	5408004.6
L5570.0	505570.4	5408005.9	17360.30078	314.64	112.18	48.825009	-86.924107	56250.44	56244.4	5.57	56256.01	56289.22656	56210.94085	56225.39844	505570.4	5408005.9
L5570.0	505570.4	5408005.9	17360.40039	315.33	110.54	48.825009	-86.924107	56248.87	56244.4	5.57	56254.43	56287.83594	56207.75279	56222.31250	505570.4	5408005.9
L5570.0	505570.4	5408007.3	17360.50000	315.40	108	48.825021	-86.924108	56247.37	56244.4	5.56	56252.93	56286.53516	56206.03948	56220.71484	505570.4	5408007.3
L5570.0	505570.3	5408008.4	17360.59961	316.10	108.24	48.825031	-86.924108	56246.04	56244.4	5.56	56251.60	56285.40234	56207.92707	56222.72266	505570.3	5408008.4
L5570.0	505570.3	5408009.6	17360.69922	317.07	108.24	48.825042	-86.924109	56244.57	56244.4	5.56	56250.14	56284.14844	56206.61410	56221.54297	505570.3	5408009.6
L5570.0	505570.3	5408010.9	17360.80078	318.89	110.66	48.825054	-86.924109	56243.14	56244.4	5.56	56248.70	56282.91797	56205.49279	56220.56250	505570.3	5408010.9
L5570.0	505570.2	5408012.1	17360.90039	319.43	97.75	48.825065	-86.924109	56241.72	56244.4	5.56	56247.28	56281.71094	56204.56852	56219.78906	505570.2	5408012.1
L5570.0	505570.2	5408013.2	17361.00000	318.63	97.75	48.825074	-86.924110	56240.24	56244.4	5.56	56245.80	56280.44531	56201.96596	56217.34766	505570.2	5408013.2

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5570.0	505570.2	5408013.2	17361.09961	317.17	97.9	48.825074	-86.924110	56238.87	56244.4	5.56	56244.42	56279.28906	56201.43893	56216.99219	505570.2	5408013.2
L5570.0	505570.2	5408014.6	17361.19922	316.66	99.77	48.825087	-86.924110	56237.31	56244.4	5.56	56242.86	56277.95703	56196.39774	56212.13281	505570.2	5408014.6
L5570.0	505570.2	5408015.8	17361.30078	315.17	99.77	48.825097	-86.924110	56235.88	56244.4	5.55	56241.43	56276.75781	56194.14497	56210.07031	505570.2	5408015.8
L5570.0	505570.1	5408016.8	17361.40039	314.28	102.04	48.825107	-86.924111	56234.40	56244.4	5.55	56239.95	56275.51172	56190.44751	56206.57422	505570.1	5408016.8
L5570.0	505570.1	5408018.2	17361.50000	313.10	106.15	48.825120	-86.924111	56233.02	56244.5	5.55	56238.57	56274.37109	56188.82699	56205.16406	505570.1	5408018.2
L5570.0	505570.1	5408018.9	17361.59961	314.03	106.15	48.825125	-86.924111	56231.64	56244.5	5.55	56237.19	56273.23438	56186.92803	56203.48828	505570.1	5408018.9
L5570.0	505570.1	5408018.9	17361.69922	314.05	116.81	48.825125	-86.924111	56230.45	56244.5	5.55	56235.99	56272.28516	56188.92015	56205.71094	505570.1	5408018.9
L5570.0	505570.1	5408020.5	17361.80078	314.83	116.81	48.825140	-86.924112	56229.09	56244.5	5.54	56234.63	56271.17969	56186.89825	56203.92969	505570.1	5408020.5
L5570.0	505570.1	5408021.8	17361.90039	315.29	116.16	48.825151	-86.924112	56227.91	56244.5	5.54	56233.45	56270.25781	56188.72227	56206.00391	505570.1	5408021.8
L5570.0	505570.0	5408023.1	17362.00000	315.27	116.64	48.825163	-86.924112	56226.44	56244.5	5.54	56231.98	56269.05078	56183.60381	56201.14844	505570.0	5408023.1
L5570.0	505570.0	5408023.8	17362.09961	316.47	116.67	48.825170	-86.924112	56225.43	56244.5	5.54	56230.97	56268.30859	56188.67651	56206.49219	505570.0	5408023.8
L5570.0	505570.0	5408025.1	17362.19922	317.07	116.67	48.825182	-86.924113	56224.12	56244.5	5.54	56229.67	56267.28125	56186.83815	56204.93359	505570.0	5408025.1
L5570.0	505570.0	5408026.6	17362.30078	311.17	117	48.825195	-86.924113	56222.94	56244.5	5.55	56228.48	56266.37109	56187.18743	56205.57422	505570.0	5408026.6
L5570.0	505570.0	5408027.9	17362.40039	310.65	108.95	48.825207	-86.924113	56221.63	56244.5	5.55	56227.18	56265.35156	56184.77382	56203.46484	505570.0	5408027.9
L5570.0	505570.0	5408027.9	17362.50000	315.16	108.95	48.825207	-86.924113	56220.60	56244.4	5.55	56226.15	56264.60938	56188.11471	56207.11719	505570.0	5408027.9
L5570.0	505570.0	5408029.2	17362.59961	315.60	108.04	48.825218	-86.924113	56219.23	56244.4	5.55	56224.78	56263.53125	56183.59102	56202.91406	505570.0	5408029.2
L5570.0	505569.9	5408030.7	17362.69922	313.38	108.04	48.825232	-86.924113	56218.22	56244.4	5.55	56223.78	56262.82813	56187.02376	56206.67969	505569.9	5408030.7
L5570.0	505569.9	5408030.7	17362.80078	314.32	116.58	48.825232	-86.924113	56216.89	56244.4	5.56	56222.45	56261.79688	56182.87828	56202.87500	505569.9	5408030.7
L5570.0	505569.9	5408032.2	17362.90039	317.02	116.58	48.825245	-86.924114	56215.79	56244.4	5.56	56221.34	56260.99219	56183.33866	56203.68750	505569.9	5408032.2
L5570.0	505569.9	5408033.7	17363.00000	315.57	116.99	48.825259	-86.924114	56214.46	56244.4	5.56	56220.02	56259.98438	56178.92930	56199.64063	505569.9	5408033.7
L5570.0	505569.9	5408035.2	17363.09961	313.91	116.99	48.825273	-86.924114	56213.42	56244.4	5.56	56218.98	56259.25781	56180.41391	56201.50000	505569.9	5408035.2
L5570.0	505569.9	5408036.7	17363.19922	312.53	117.15	48.825286	-86.924114	56212.14	56244.4	5.56	56217.70	56258.29688	56176.40077	56197.86719	505569.9	5408036.7
L5570.0	505569.9	5408036.7	17363.30078	313.81	117.15	48.825286	-86.924114	56211.10	56244.4	5.56	56216.66	56257.58203	56177.37376	56199.23438	505569.9	5408036.7
L5570.0	505569.8	5408038.1	17363.40039	313.15	116.76	48.825298	-86.924115	56209.96	56244.4	5.56	56215.53	56256.78125	56176.13848	56198.40234	505569.8	5408038.1
L5570.0	505569.8	5408039.5	17363.50000	313.19	116.76	48.825311	-86.924115	56208.93	56244.4	5.57	56214.49	56256.07422	56176.60352	56199.27734	505569.8	5408039.5
L5570.0	505569.8	5408039.5	17363.59961	314.97	110.79	48.825311	-86.924115	56207.73	56244.4	5.57	56213.30	56255.22266	56173.58269	56196.67969	505569.8	5408039.5
L5570.0	505569.8	5408040.7	17363.69922	313.35	100.39	48.825321	-86.924115	56206.74	56244.4	5.57	56212.30	56254.56641	56174.40769	56197.93750	505569.8	5408040.7
L5570.0	505569.8	5408042.0	17363.80078	314.20	100.39	48.825333	-86.924115	56205.57	56244.4	5.57	56211.14	56253.75391	56171.54959	56195.51953	505569.8	5408042.0
L5570.0	505569.8	5408043.4	17363.90039	310.74	102.27	48.825346	-86.924115	56204.57	56244.4	5.57	56210.14	56253.10547	56171.87956	56196.30078	505569.8	5408043.4
L5570.0	505569.8	5408044.7	17364.00000	311.30	102.27	48.825357	-86.924115	56203.52	56244.4	5.57	56209.09	56252.41016	56170.90073	56195.78125	505569.8	5408044.7
L5570.0	505569.8	5408044.7	17364.09961	315.29	105.32	48.825357	-86.924115	56202.52	56244.4	5.57	56208.09	56251.76953	56170.75373	56196.10547	505569.8	5408044.7
L5570.0	505569.8	5408046.3	17364.19922	313.36	108.97	48.825373	-86.924115	56201.52	56244.4	5.56	56207.08	56251.12500	56170.16602	56196.00000	505569.8	5408046.3
L5570.0	505569.8	5408047.5	17364.30078	314.00	103.59	48.825383	-86.924116	56200.36	56244.4	5.56	56205.92	56250.33203	56166.19331	56192.51563	505569.8	5408047.5
L5570.0	505569.7	5408049.0	17364.40039	312.07	103.59	48.825397	-86.924116	56199.25	56244.4	5.56	56204.80	56249.58594	56162.87033	56189.69141	505569.7	5408049.0
L5570.0	505569.7	5408049.0	17364.50000	312.51	102.32	48.825397	-86.924116	56198.45	56244.4	5.56	56204.00	56249.16406	56166.04368	56193.37109	505569.7	5408049.0
L5570.0	505569.7	5408050.2	17364.59961	313.78	104.31	48.825407	-86.924116	56197.24	56244.4	5.55	56202.79	56248.33594	56160.43935	56188.28516	505569.7	5408050.2
L5570.0	505569.7	5408052.7	17364.69922	313.30	104.31	48.825429	-86.924116	56196.45	56244.5	5.55	56202.00	56247.92969	56163.36115	56191.73047	505569.7	5408052.7
L5570.0	505569.7	5408052.7	17364.80078	314.23	105.15	48.825429	-86.924116	56195.55	56244.5	5.55	56201.09	56247.41016	56163.56577	56192.47266	505569.7	5408052.7
L5570.0	505569.7	5408053.8	17364.90039	313.71	105.15	48.825439	-86.924116	56194.64	56244.5	5.54	56200.18	56246.89063	56163.54762	56192.99609	505569.7	5408053.8
L5570.0	505569.7	5408055.5	17365.00000	314.25	106.22	48.825455	-86.924116	56193.54	56244.5	5.54	56199.08	56246.19141	56159.45329	56189.45703	505569.7	5408055.5
L5570.0	505569.7	5408055.5	17365.09961	313.40	103.76	48.825455	-86.924116	56192.59	56244.5	5.54	56198.13	56245.64063	56158.21119	56188.77344	505569.7	5408055.5
L5570.0	505569.7	5408056.8	17365.19922	313.11	103.76	48.825466	-86.924116	56191.70	56244.5	5.54	56197.24	56245.15625	56157.95961	56189.09375	505569.7	5408056.8
L5570.0	505569.7	5408057.9	17365.30078	313.50	102.72	48.825476	-86.924116	56190.81	56244.5	5.55	56196.36	56244.68359	56157.68418	56189.39453	505569.7	5408057.9
L5570.0	505569.7	5408059.5	17365.40039	313.11	102.72	48.825491	-86.924116	56189.96	56244.5	5.55	56195.51	56244.24609	56157.78043	56190.07813	505569.7	5408059.5
L5570.0	505569.7	5408060.6	17365.50000	311.47	93.36	48.825500	-86.924116	56189.14	56244.4	5.55	56194.69	56243.83984	56158.23953	56191.13281	505569.7	5408060.6
L5570.0	505569.7	5408062.4	17365.59961	311.19	93.36	48.825517	-86.924116	56188.27	56244.4	5.55	56193.82	56243.38672	56157.48922	56190.98438	505569.7	5408062.4
L5570.0	505569.7	5408063.7	17365.69922	310.26	93.16	48.825529	-86.924117	56187.42	56244.4	5.55	56192.97	56242.96094	56156.90772	56191.01563	505569.7	5408063.7
L5570.0	505569.7	5408063.7	17365.80078	310.66	93.16	48.825529	-86.924117	56186.64	56244.4	5.56	56192.20	56242.61328	56157.65615	56192.37891	505569.7	5408063.7
L5570.0	505569.6	5408065.1	17365.90039	310.99	92.24	48.825542	-86.924117	56185.91	56244.4	5.56	56191.46	56242.30078	56158.75506	56194.10547	505569.6	5408065.1
L5570.0	505569.6	5408066.9	17366.00000	310.29	91.97	48.825557	-86.924117	56185.09	56244.4	5.56	56190.65	56241.92188	56158.26966	56194.25391	505569.6	5408066.9
L5570.0	505569.6	5408068.2	17366.09961	308.64	91.97	48.825569	-86.924118	56184.26	56244.4	5.56	56189.82	56241.52734	56157.17419	56193.80078	505569.6	5408068.2
L5570.0	505569.6	5408068.2	17366.19922	310.16	91.97	48.825569	-86.924118	56183.38	56244.4	5.55	56188.93	56241.07422	56154.68372	56191.95703	505569.6	5408068.2
L5570.0	505569.6	5408070.0	17366.30078	310.03	85.06	48.825585	-86.924118	56182.67	56244.4	5.55	56188.22	56240.80469	56155.48660	56193.41406	505569.6	5408070.0
L5570.0	505569.5	5408071.5	17366.40039	311.66	91.74	48.825599	-86.924118	56181.99	56244.5	5.55	56187.54	56240.56641	56156.69081	56195.28125	505569.5	5408071.5
L5570.0	505569.5	5408071.5	17366.50000	308.03	91.74	48.825599	-86.924118	56181.25	56244.5	5.54	56186.79	56240.26172	56156.33475	56195.59375	505569.5	5408071.5
L5570.0	505569.5	5408073.3	17366.59961	309.50	92.2	48.825615	-86.924118	56180.52	56244.5	5.54	56186.06	56239.97656	56156.19731	56196.13281	505569.5	5408073.3
L5570.0	505569.5	5408074.8	17366.69922	313.11	92.2	48.825628	-86.924119	56179.66	56244.5	5.54	56185.20	56239.56641	56153.25384	56193.87109	505569.5	5408074.8
L5570.0	505569.5	5408074.8	17366.80078	311.87	93.08	48.825628	-86.924119	56178.81	56244.5	5.54	56184.35	56239.16797	56150.29159	56191.59375	505569.5	5408074.8
L5570.0	505569.5	5408076.6	17366.90039	313.27	93.08	48.825644	-86.924119	56178.04	56244.5	5.53	56183.57	56238.84375	56148.57451	56190.57031	505569.5	5408076.6
L5570.0	505569.4	5408077.9	17367.00000	313.12	86.78	48.825657	-86.924119	56177.36	56244.5	5.53	56182.89	56238.61719	56148.79868	56191.49609	505569.4	5408077.9
L5570.0	505569.4	5408079.3	17367.09961	313.77	86.78	48.825669	-86.924120	56176.56	56244.5	5.53	56182.09	56238.27344	56146.36107	56189.76172	505569.4	5408079.3
L5570.0	505569.4	5408080.6	17367.19922	314.05	91.38	48.825681	-86.924120	56175.91	56244.5	5.53	56181.44	56238.08594	56147.01987	56191.13281	505569.4	5408080.6
L5570.0	505569.4	5408080.6	17367.30078	314.36	91.59	48.825681	-86.924120	56175.06	56244.5	5.53	56180.59	56237.69531	56143.24096	56188.07031	505569.4	5408080.6
L5570.0	505569.4	5408081.7	17367.40039	314.64	91.59	48.825691	-86.924120	56174.40	56244.5	5.53	56179.93	56237.49609	56143.52433	56189.07422	505569.4	5408081.7
L5570.0	505569.4	5408083.0	17367.50000	315.38	92.27	48.825702	-86.924120	56173.64	56244.5	5.53	56179.18	56237.21094	56141.74520	56188.01953	505569.4	5408083.0
L5570.0	505569.3	5408084.3	17367.59961	317.51	92.27	48.825714	-86.924121	56172.88	56244.5	5.54	56178.41	56236.90625	56139.43566	56186.44141	505569.3	5408084.3
L5570.0	505569.3	5408084.3	17367.69922	318.96	88.78	48.825714	-86.924121	56172.25	56244.5	5.54	56177.79	56236.75391	56140.47082	56188.21094	505569.3	5408084.3
L5570.0	505569.3	5408085.8	17367.80078	320.13	88.78	48.825728	-86.924121	56171.64	56244.5	5.54	56177.18	56236.60938	56141.72047	56190.19922	505569.3	5408085.8
L5570.0	505569.3	5408087.2	17367.90039	319.05	91.95	48.825740	-86.924121	56170.88	56244.5	5.54	56176.42	56236.31641	56139.49660	56188.71875	505569.3	5408087.2
L5570.0	505569.3	5408087.2	17368.00000	315.92	92.52	48.825740	-86.924121	56170.13	56244.5	5.54	56175.67	56236.03516	56137.45908	56187.42969	505569.3	5408087.2
L5570.0	505569.3	5408088.7	17368.09961	314.86	92.52	48.825753	-86.924122	56169.57	56244.5	5.54	56175.11	56235.94531	56139.78230	56190.50391	505569.3	5408088.7
L5570.0	505569.2	5408090.0	17368.19922	315.17	91.51	48.825765	-86.924122	56168.73	56244.5	5.54	56174.27	56235.57813	56135.60376	56187.07813	505569.2	5408090.0
L5570.0	505569.2	5408091.3	17368.30078	314.76	91.51	48.825777	-86.924122	56168.13	56244.5	5.54	56173.67	56235.44531	56136.94549	56189.17578	505569.2	5408091.3
L5570.0	505569.2	5408091.3	17368.40039	313.15	92.1	48.825777	-86.924122	56167.34	56244.5	5.54	56172.88	56235.12891	56133.88235	56186.87109	505569.2	5408091.3
L5570.0	505569.2	5408092.8	17368.50000	313.14	94.18	48.825791	-86.924123	56166.66	56244.5	5.54	56172.20	56234.91797	56133.33089	56187.08203	505569.2	5408092.8
L5570.0	505569.2	5408092.8	17368.59961	312.99	94.18	48.825791	-86.924123	56166.03	56244.5	5.54	56171.57	56234.75781	56133.88822	56188.40625	505569.2	5408092.8
L5570.0	505569.2	5408094.6	17368.69922	315.50	94.45	48.825807	-86.924123	56165.42	56244.5	5.54	56170.96	56234.62109	56134.84936	56190.13281	505569.2	5408094.6
L5570.0	505569.1	5408096.1	17368.80078	317.04	94.45	48.825820	-86.924123	56164.78	56244.5	5.54	56170.32	56234.44922	56135.08163	56191.13672	505569.1	5408096.1
L5570.0	505569.1	5408097.5	17368.90039	317.81	93.84	48.825832	-86.924124	56164.16	56244.5	5.54	56169.70	56234.30078	56135.70231	56192.52734	505569.1	5408097.5
L5570.0	505569.1	5408097.5	17369.00000	316.53	94.21	48.825832	-86.924124	56163.45	56244.5	5.54	56168.99	56234.05859	56134.29607	56191.89063	505569.1	5408097.5
L5570.0	505569.1	5408099.0	17369.09961	314.85	94.21	48.825846	-86.924124	56162.89	56244.5	5.54	56168.43	56233.96875	56136.09613	56194.46484	505569.1	5408099.0
L5570.0	505569.0	5408100.3	17369.19922	313.66	93.42	48.825858	-86.924125	56162.23	56244.5	5.54	56167.77	56233.77734	56135.66719	56194.80859	505569.0	5408100.3
L5570.0	505569.0	5408101.6	17369.30078	312.96	93.42	48.825870	-86.924125	56161.62	56244.5	5.54	56167.16	56233.63281	56136.23473	56196.15234	505569.0	5408101.6
L5570.0	505569.0	5408101.6	17369.40039	313.03	88.87	48.825870	-86.924125	56160.97	56244.5	5.54	56166.51	56233.44922	56135.90160	56196.59375	505569.0	5408101.6
L5570.0	505569.0	5408103.2	17369.50000	313.19	88.87	48.825884	-86.924125	56160.34	56244.5	5.54	56165.88	56233.28516	56135.92251	56197.39063	505569.0	5408103.2
L5570.0	505568.9	5408104.5	17369.59961	311.60	89.1	48.825895	-86.924126	56159.68	56244.5	5.54	56165.22	56233.08594	56135.28157	56197.52344	505568.9	5408104.5
L5570.0	505568.9	5408106.0	17369.69922	312.29	89.37	48.825909	-86.924126	56159.09	56244.5	5.54	56164.63	56232.95703	56135.96296	56198.98047	505568.9	5408106.0
L5570.0	505568.9	5408106.7	17369.80078	311.13	91.49	48.825916	-86.924126	56158.34	56244.5	5.54	56163.88	56232.66797	56133.48013	56197.26953	505568.9	5408106.7
L5570.0	505568.9	5408106.7	17369.90039	311.39	91.49	48.825916	-86.924126	56157.70	56244.5	5.54	56163.24	56232.48438	56133.08868	56197.65234	505568.9	5408106.7
L5570.0	505568.9	5408109.2	17370.00000	311.11	88.95	48.825938	-86.924127	56157.12	56244.5	5.54	56162.66	56232.36328	56133.74903	56199.08594	505568.9	5408109.2
L5570.0	505568.9	5408109.2	17370.09961	312.25	93.14	48.825938	-86.924127	56156.48	56244.5	5.54	56162.03	56232.18750	56133.40714	56199.51172	505568.9	5408109.2
L5570.0	505568.8	5408110.5	17370.19922	310.39	91.34	48.825949	-86.924127	56155.86	56244.5	5.54	56161.40	56232.00781	56132.99886	56199.87109	505568.8	5408110.5
L5570.0	505568.8	5408112.0	17370.30078	312.18	91.34	48.825963	-86.924127	56155.33	56244.5	5.55	56160.87	56231.92969	56134.26455	56201.90625	505568.8	5408112.0

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5570.0	505568.8	5408113.1	17370.40039	311.09	89	48.825973	-86.924128	56154.72	56244.5	5.55	56160.27	56231.77344	56134.19069	56202.59375	505568.8	5408113.1
L5570.0	505568.8	5408114.0	17370.50000	309.36	89	48.825981	-86.924128	56154.21	56244.5	5.55	56159.76	56231.71094	56135.53160	56204.69922	505568.8	5408114.0
L5570.0	505568.8	5408115.3	17370.59961	308.49	85.98	48.825993	-86.924128	56153.61	56244.4	5.55	56159.16	56231.55078	56135.22960	56205.15234	505568.8	5408115.3
L5570.0	505568.7	5408116.6	17370.69922	310.11	86.4	48.826004	-86.924128	56153.03	56244.4	5.55	56158.58	56231.41016	56135.14989	56205.82813	505568.7	5408116.6
L5570.0	505568.7	5408116.6	17370.80078	308.81	85.37	48.826004	-86.924128	56152.41	56244.4	5.56	56157.97	56231.23438	56134.47179	56205.90234	505568.7	5408116.6
L5570.0	505568.7	5408118.1	17370.90039	308.86	86.63	48.826018	-86.924129	56151.78	56244.4	5.56	56157.34	56231.03906	56133.36958	56205.55078	505568.7	5408118.1
L5570.0	505568.7	5408119.7	17371.00000	307.07	86.63	48.826032	-86.924129	56151.23	56244.4	5.56	56156.79	56230.91797	56133.43564	56206.36328	505568.7	5408119.7
L5570.0	505568.7	5408120.8	17371.09961	307.39	86.63	48.826042	-86.924129	56150.68	56244.4	5.56	56156.24	56230.79297	56133.38142	56207.04688	505568.7	5408120.8
L5570.0	505568.7	5408120.8	17371.19922	307.66	87.75	48.826042	-86.924129	56150.08	56244.4	5.56	56155.64	56230.61328	56132.42253	56206.82422	505568.7	5408120.8
L5570.0	505568.6	5408122.2	17371.30078	309.39	87.6	48.826055	-86.924130	56149.66	56244.4	5.56	56155.22	56230.61328	56134.18444	56209.31641	505568.6	5408122.2
L5570.0	505568.6	5408123.3	17371.40039	309.01	87.26	48.826065	-86.924130	56149.00	56244.4	5.56	56154.56	56230.36719	56132.05334	56207.91406	505568.6	5408123.3
L5570.0	505568.6	5408124.9	17371.50000	308.62	86.62	48.826079	-86.924130	56148.39	56244.4	5.56	56153.95	56230.16797	56130.59218	56207.17188	505568.6	5408124.9
L5570.0	505568.6	5408126.2	17371.59961	308.75	86.62	48.826091	-86.924131	56147.81	56244.4	5.56	56153.37	56229.99219	56129.48868	56206.78516	505568.6	5408126.2
L5570.0	505568.6	5408126.2	17371.69922	307.85	88.82	48.826091	-86.924131	56147.34	56244.4	5.56	56152.90	56229.92578	56130.04664	56208.05078	505568.6	5408126.2
L5570.0	505568.5	5408127.7	17371.80078	305.52	90.04	48.826105	-86.924131	56146.79	56244.4	5.56	56152.35	56229.77344	56129.22633	56207.93359	505568.5	5408127.7
L5570.0	505568.5	5408129.2	17371.90039	304.95	90.04	48.826118	-86.924131	56146.30	56244.4	5.56	56151.86	56229.67578	56129.30774	56208.71484	505568.5	5408129.2
L5570.0	505568.5	5408130.6	17372.00000	309.34	85.86	48.826131	-86.924132	56145.69	56244.4	5.56	56151.25	56229.45313	56127.30853	56207.40625	505568.5	5408130.6
L5570.0	505568.5	5408130.6	17372.09961	309.29	89.4	48.826131	-86.924132	56145.18	56244.4	5.56	56150.74	56229.32813	56126.90489	56207.68359	505568.5	5408130.6
L5570.0	505568.5	5408132.3	17372.19922	311.02	89.4	48.826146	-86.924132	56144.68	56244.4	5.55	56150.24	56229.20703	56126.62053	56208.07813	505568.5	5408132.3
L5570.0	505568.5	5408132.3	17372.30078	311.08	89.7	48.826146	-86.924132	56144.09	56244.4	5.55	56149.64	56228.98047	56124.51954	56206.64453	505568.5	5408132.3
L5570.0	505568.5	5408134.1	17372.40039	311.14	89.33	48.826162	-86.924132	56143.46	56244.5	5.55	56149.01	56228.71875	56121.77477	56204.56250	505568.5	5408134.1
L5570.0	505568.4	5408135.5	17372.50000	312.41	89.33	48.826174	-86.924132	56143.01	56244.5	5.54	56148.55	56228.62109	56122.04549	56205.48828	505568.4	5408135.5
L5570.0	505568.4	5408136.3	17372.59961	310.90	89.21	48.826182	-86.924132	56142.40	56244.5	5.54	56147.94	56228.37109	56119.50320	56203.58984	505568.4	5408136.3
L5570.0	505568.4	5408137.4	17372.69922	312.82	89.21	48.826192	-86.924132	56141.85	56244.5	5.54	56147.39	56228.17188	56118.01290	56202.73438	505568.4	5408137.4
L5570.0	505568.4	5408138.7	17372.80078	313.29	88.92	48.826203	-86.924132	56141.28	56244.5	5.54	56146.81	56227.93750	56115.88842	56201.24219	505568.4	5408138.7
L5570.0	505568.4	5408139.6	17372.90039	313.87	91.98	48.826212	-86.924132	56140.73	56244.5	5.53	56146.27	56227.73828	56114.49026	56200.46094	505568.4	5408139.6
L5570.0	505568.4	5408141.1	17373.00000	313.80	88.47	48.826225	-86.924132	56140.13	56244.5	5.53	56145.65	56227.45313	56111.44915	56198.03125	505568.4	5408141.1
L5570.0	505568.4	5408141.1	17373.09961	312.96	92.77	48.826225	-86.924132	56139.77	56244.5	5.53	56145.30	56227.43359	56113.85232	56201.03516	505568.4	5408141.1
L5570.0	505568.5	5408143.3	17373.19922	313.08	88.63	48.826245	-86.924132	56139.44	56244.5	5.53	56144.97	56227.42578	56116.76404	56204.53906	505568.5	5408143.3
L5570.0	505568.5	5408144.3	17373.30078	311.60	88.63	48.826253	-86.924132	56139.14	56244.5	5.53	56144.67	56227.44141	56120.40767	56208.76563	505568.5	5408144.3
L5570.0	505568.5	5408145.5	17373.40039	312.10	88.67	48.826265	-86.924132	56138.48	56244.5	5.53	56144.01	56227.09375	56116.48841	56205.41797	505568.5	5408145.5
L5570.0	505568.5	5408146.6	17373.50000	313.74	89.97	48.826274	-86.924132	56137.95	56244.5	5.53	56143.48	56226.86719	56115.29521	56204.78516	505568.5	5408146.6
L5570.0	505568.5	5408146.6	17373.59961	314.13	89.49	48.826274	-86.924132	56137.52	56244.5	5.54	56143.06	56226.74609	56116.49828	56206.53906	505568.5	5408146.6
L5570.0	505568.5	5408148.8	17373.69922	313.16	89.49	48.826294	-86.924132	56136.93	56244.5	5.54	56142.47	56226.44531	56114.00721	56204.58984	505568.5	5408148.8
L5570.0	505568.5	5408148.8	17373.80078	313.98	90.52	48.826294	-86.924132	56136.43	56244.5	5.54	56141.96	56226.22266	56113.27646	56204.38672	505568.5	5408148.8
L5570.0	505568.5	5408150.1	17373.90039	315.91	90.07	48.826306	-86.924132	56135.87	56244.5	5.54	56141.41	56225.94922	56111.67151	56203.30078	505568.5	5408150.1
L5570.0	505568.5	5408151.4	17374.00000	314.01	93.22	48.826317	-86.924132	56135.29	56244.5	5.54	56140.83	56225.64063	56109.40440	56201.53906	505568.5	5408151.4
L5570.0	505568.4	5408152.6	17374.09961	313.66	93.22	48.826329	-86.924132	56134.89	56244.5	5.54	56140.43	56225.50391	56111.20499	56203.83594	505568.4	5408152.6
L5570.0	505568.4	5408153.9	17374.19922	313.63	95.47	48.826341	-86.924132	56134.43	56244.5	5.54	56139.98	56225.30859	56111.91882	56205.03516	505568.4	5408153.9
L5570.0	505568.4	5408153.9	17374.30078	314.83	95.37	48.826341	-86.924132	56133.82	56244.5	5.55	56139.37	56224.94922	56109.05104	56202.64063	505568.4	5408153.9
L5570.0	505568.4	5408156.5	17374.40039	316.19	95.37	48.826364	-86.924133	56133.34	56244.5	5.55	56138.89	56224.71094	56109.14231	56203.19141	505568.4	5408156.5
L5570.0	505568.4	5408156.5	17374.50000	316.53	94.04	48.826364	-86.924133	56132.92	56244.5	5.55	56138.47	56224.52734	56110.60478	56205.10156	505568.4	5408156.5
L5570.0	505568.3	5408157.7	17374.59961	316.99	94.04	48.826374	-86.924133	56132.36	56244.4	5.55	56137.91	56224.19531	56108.94286	56203.87500	505568.3	5408157.7
L5570.0	505568.3	5408159.2	17374.69922	316.64	89.63	48.826387	-86.924134	56131.94	56244.4	5.55	56137.49	56223.99609	56110.42393	56205.77734	505568.3	5408159.2
L5570.0	505568.3	5408159.2	17374.80078	315.20	92.97	48.826387	-86.924134	56131.24	56244.4	5.56	56136.80	56223.51953	56105.92879	56201.69531	505568.3	5408159.2
L5570.0	505568.3	5408161.8	17374.90039	315.12	92.97	48.826411	-86.924134	56130.80	56244.4	5.56	56136.35	56223.27344	56106.76621	56202.92969	505568.3	5408161.8
L5570.0	505568.3	5408161.8	17375.00000	315.10	96.3	48.826411	-86.924134	56130.31	56244.4	5.56	56135.86	56222.98047	56106.71982	56203.26953	505568.3	5408161.8
L5570.0	505568.3	5408163.5	17375.09961	313.64	96.3	48.826426	-86.924134	56129.78	56244.4	5.56	56135.34	56222.65234	56106.02131	56202.94141	505568.3	5408163.5
L5570.0	505568.3	5408163.5	17375.19922	312.19	98.75	48.826426	-86.924134	56129.22	56244.4	5.55	56134.77	56222.26563	56104.25790	56201.53516	505568.3	5408163.5
L5570.0	505568.3	5408164.8	17375.30078	311.49	96.92	48.826438	-86.924134	56128.71	56244.5	5.55	56134.25	56221.91797	56103.56951	56201.19141	505568.3	5408164.8
L5570.0	505568.3	5408165.9	17375.40039	311.54	100.92	48.826448	-86.924134	56128.20	56244.5	5.54	56133.74	56221.57813	56103.08109	56201.03516	505568.3	5408165.9
L5570.0	505568.2	5408167.2	17375.50000	311.06	100.92	48.826460	-86.924134	56127.75	56244.5	5.54	56133.29	56221.28516	56103.81201	56202.08594	505568.2	5408167.2
L5570.0	505568.2	5408168.4	17375.59961	312.80	101.39	48.826470	-86.924134	56127.20	56244.5	5.54	56132.73	56220.87500	56102.23925	56200.81641	505568.2	5408168.4
L5570.0	505568.2	5408169.7	17375.69922	311.78	101.39	48.826482	-86.924135	56126.80	56244.5	5.53	56132.33	56220.62109	56103.89173	56202.76172	505568.2	5408169.7
L5570.0	505568.2	5408169.7	17375.80078	311.20	96.31	48.826482	-86.924135	56126.36	56244.5	5.53	56131.89	56220.31641	56104.65618	56203.80078	505568.2	5408169.7
L5570.0	505568.2	5408171.0	17375.90039	311.46	101.85	48.826494	-86.924135	56125.88	56244.5	5.52	56131.41	56219.96094	56104.55165	56203.96094	505568.2	5408171.0
L5570.0	505568.2	5408173.4	17376.00000	312.58	101.85	48.826515	-86.924135	56125.30	56244.5	5.52	56130.82	56219.49219	56102.21257	56201.87109	505568.2	5408173.4
L5570.0	505568.2	5408173.4	17376.09961	312.86	96.68	48.826515	-86.924135	56125.04	56244.5	5.52	56130.57	56219.35156	56106.49797	56206.39063	505568.2	5408173.4
L5570.0	505568.2	5408174.9	17376.19922	313.63	96.68	48.826529	-86.924134	56124.55	56244.5	5.53	56130.07	56218.95703	56105.78805	56205.90234	505568.2	5408174.9
L5570.0	505568.2	5408176.6	17376.30078	314.36	101.57	48.826544	-86.924134	56124.03	56244.5	5.53	56129.56	56218.53906	56104.81918	56205.14063	505568.2	5408176.6
L5570.0	505568.2	5408176.6	17376.40039	312.68	101.57	48.826544	-86.924134	56123.56	56244.5	5.54	56129.10	56218.16797	56104.75593	56205.26953	505568.2	5408176.6
L5570.0	505568.2	5408177.7	17376.50000	312.63	101.1	48.826554	-86.924134	56123.13	56244.5	5.54	56128.67	56217.81641	56105.20908	56205.90234	505568.2	5408177.7
L5570.0	505568.2	5408179.1	17376.59961	311.38	102.14	48.826567	-86.924134	56122.54	56244.5	5.54	56128.09	56217.30469	56102.70898	56203.56641	505568.2	5408179.1
L5570.0	505568.2	5408180.2	17376.69922	311.15	102.21	48.826577	-86.924134	56122.14	56244.5	5.55	56127.69	56216.96875	56103.63199	56204.64063	505568.2	5408180.2
L5570.0	505568.2	5408180.2	17376.80078	312.85	101.85	48.826577	-86.924134	56121.64	56244.4	5.55	56127.19	56216.51953	56102.58107	56203.72266	505568.2	5408180.2
L5570.0	505568.2	5408182.4	17376.90039	311.43	101.85	48.826597	-86.924134	56121.18	56244.4	5.56	56126.73	56216.10547	56102.26033	56203.52344	505568.2	5408182.4
L5570.0	505568.2	5408182.4	17377.00000	312.30	101.63	48.826597	-86.924134	56120.60	56244.4	5.56	56126.16	56215.57422	56099.79193	56201.16406	505568.2	5408182.4
L5570.0	505568.2	5408184.0	17377.09961	312.28	87.94	48.826611	-86.924134	56120.17	56244.4	5.56	56125.72	56215.16406	56099.79792	56201.26172	505568.2	5408184.0
L5570.0	505568.2	5408185.5	17377.19922	311.15	87.94	48.826624	-86.924134	56119.61	56244.4	5.55	56125.16	56214.62500	56097.50017	56199.04297	505568.2	5408185.5
L5570.0	505568.2	5408187.0	17377.30078	310.76	85.69	48.826638	-86.924134	56119.18	56244.4	5.55	56124.74	56214.21875	56097.86531	56199.47266	505568.2	5408187.0
L5570.0	505568.2	5408187.0	17377.40039	309.82	88.23	48.826638	-86.924134	56118.85	56244.5	5.55	56124.40	56213.88281	56099.71819	56201.37891	505568.2	5408187.0
L5570.0	505568.2	5408188.6	17377.50000	313.67	93.22	48.826652	-86.924134	56118.50	56244.5	5.54	56124.04	56213.51953	56101.14555	56202.83984	505568.2	5408188.6
L5570.0	505568.2	5408188.6	17377.59961	314.52	93.22	48.826652	-86.924134	56118.09	56244.5	5.54	56123.63	56213.09766	56101.58762	56203.30469	505568.2	5408188.6
L5570.0	505568.2	5408190.1	17377.69922	314.86	96.14	48.826666	-86.924134	56117.66	56244.5	5.54	56123.20	56212.64844	56101.60910	56203.33594	505568.2	5408190.1
L5570.0	505568.2	5408191.4	17377.80078	314.28	96.14	48.826678	-86.924134	56117.11	56244.5	5.54	56122.64	56212.06250	56099.20384	56200.92578	505568.2	5408191.4
L5570.0	505568.2	5408192.7	17377.90039	312.63	101.69	48.826689	-86.924134	56116.68	56244.5	5.53	56122.21	56211.59766	56099.12649	56200.82813	505568.2	5408192.7
L5570.0	505568.2	5408194.0	17378.00000	312.05	101.86	48.826701	-86.924134	56116.15	56244.5	5.53	56121.68	56211.02344	56097.18093	56198.85156	505568.2	5408194.0
L5570.0	505568.2	5408194.9	17378.09961	312.43	97.44	48.826709	-86.924135	56115.81	56244.5	5.53	56121.34	56210.63281	56098.56498	56200.18750	505568.2	5408194.9
L5570.0	505568.2	5408196.2	17378.19922	312.39	95.01	48.826720	-86.924135	56115.34	56244.5	5.53	56120.87	56210.10156	56097.53623	56199.09766	505568.2	5408196.2
L5570.0	505568.2	5408197.3	17378.30078	308.95	95.01	48.826730	-86.924135	56114.86	56244.5	5.53	56120.38	56209.54688	56096.06615	56197.55469	505568.2	5408197.3
L5570.0	505568.2	5408198.3	17378.40039	306.86	82.82	48.826740	-86.924135	56114.46	56244.5	5.53	56119.99	56209.08203	56096.26558	56197.66797	505568.2	5408198.3
L5570.0	505568.2	5408198.3	17378.50000	307.49	87.25	48.826740	-86.924135	56114.11	56244.5	5.52	56119.63	56208.64063	56096.88842	56198.18750	505568.2	5408198.3
L5570.0	505568.2	5408199.7	17378.59961	308.40	89.59	48.826752	-86.924135	56113.69	56244.5	5.52	56119.21	56208.12891	56096.34492	56197.53125	505568.2	5408199.7
L5570.0	505568.2	5408200.8	17378.69922	307.21	89.79	48.826762	-86.924135	56113.26	56244.5	5.52	56118.78	56207.60156	56095.51437	56196.57422	505568.2	5408200.8
L5570.0	505568.2	5408201.7	17378.80078	308.85	89.79	48.826770	-86.924135	56112.94	56244.5	5.52	56118.46	56207.17578	56096.54641	56197.46484	505568.2	5408201.7
L5570.0	505568.2	5408203.0	17378.90039	308.89	89.82	48.826781	-86.924135	56112.47	56244.5	5.52	56117.99	56206.59375	56094.78208	56195.55078	505568.2	5408203.0
L5570.0	505568.2	5408204.5	17379.00000	309.51	87.5	48.826795	-86.924135	56112.10	56244.5	5.52	56117.62	56206.10547	56094.72713	56195.33203	505568.2	5408204.5
L5570.0	505568.2	5408204.5	17379.09961	309.93	89.12	48.826795	-86.924135	56111.59	56244.5	5.52	56117.11	56205.46875	56091.98507	56192.41016	505568.2	5408204.5
L5570.0	505568.2	5408206.9	17379.19922	309.83	89.12	48.826817	-86.924135	56111.26	56244.5	5.52	56116.78	56205.00391	56092.49054	56192.72656	505568.2	5408206.9
L5570.0	505568.2	5408207.7	17379.30078	308.41	88.68	48.826824	-86.924135	56110.86	56244.5	5.52	56116.38	56204.46094	56091.60389	56191.64063	505568.2	5408207.7
L5570.0	505568.2	5408207.7	17379.40039	310.78	90.58	48.826824	-86.924135	56110.51	56244.5	5.52	56116.03	56203.96094	56091.60871	56191.43359	505568.2	5408207.7
L5570.0	505568.2	5408209.1	17379.50000	311.77	93.39	48.826837	-86.924135	56110.04	56244.5	5.52	56115.56	56203.33594	56089.18275	56188.78125	505568.2	5408209.1
L5570.0	505568.1	5408210.2	17379.59961	313.38	88.44	48.826847	-86.924135	56109.77	56244.5	5.52	56115.29	56202.90234	56090.67585	56190.03906	505568.1	5408210.2

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5570.0	505568.1	5408211.7	17379.69922	314.88	88.44	48.826860	-86.924135	56109.34	56244.5	5.52	56114.86	56202.30469	56088.90042	56188.01563	505568.1	5408211.7
L5570.0	505568.1	5408213.1	17379.80078	314.61	88.67	48.826872	-86.924135	56109.02	56244.5	5.52	56114.54	56201.80859	56089.34296	56188.19922	505568.1	5408213.1
L5570.0	505568.1	5408213.9	17379.90039	315.40	88.67	48.826880	-86.924136	56108.58	56244.5	5.52	56114.10	56201.18750	56087.23230	56185.82031	505568.1	5408213.9
L5570.0	505568.1	5408215.4	17380.00000	315.97	86.64	48.826893	-86.924136	56108.33	56244.5	5.52	56113.85	56200.74609	56089.15313	56187.45703	505568.1	5408215.4
L5570.0	505568.1	5408215.4	17380.09961	315.43	89.2	48.826893	-86.924136	56107.95	56244.5	5.52	56113.47	56200.17188	56088.28171	56186.29688	505568.1	5408215.4
L5570.0	505568.1	5408216.7	17380.19922	314.21	89.2	48.826905	-86.924136	56107.57	56244.5	5.52	56113.08	56199.57813	56087.17224	56184.88672	505568.1	5408216.7
L5570.0	505568.1	5408218.0	17380.30078	314.69	88.72	48.826917	-86.924136	56107.24	56244.5	5.52	56112.76	56199.05078	56087.61244	56185.01563	505568.1	5408218.0
L5570.0	505568.1	5408219.3	17380.40039	315.43	86.17	48.826928	-86.924136	56106.73	56244.5	5.52	56112.24	56198.31641	56083.54456	56180.62500	505568.1	5408219.3
L5570.0	505568.1	5408220.6	17380.50000	314.83	88.08	48.826940	-86.924136	56106.18	56244.5	5.51	56111.70	56197.55469	56078.96300	56175.71484	505568.1	5408220.6
L5570.0	505568.1	5408220.6	17380.59961	314.76	88.08	48.826940	-86.924136	56105.88	56244.5	5.51	56111.39	56197.01953	56079.59651	56176.00781	505568.1	5408220.6
L5570.0	505568.1	5408222.5	17380.69922	314.04	86.96	48.826958	-86.924136	56105.44	56244.5	5.51	56110.95	56196.34766	56077.24824	56173.30859	505568.1	5408222.5
L5570.0	505568.0	5408223.4	17380.80078	313.50	87.95	48.826966	-86.924137	56105.09	56244.5	5.51	56110.60	56195.76172	56076.95446	56172.66016	505568.0	5408223.4
L5570.0	505568.0	5408224.8	17380.90039	315.03	86.11	48.826978	-86.924137	56104.89	56244.5	5.51	56110.41	56195.32813	56080.34546	56175.68359	505568.0	5408224.8
L5570.0	505568.0	5408225.9	17381.00000	315.07	86.11	48.826988	-86.924137	56104.68	56244.5	5.51	56110.19	56194.85938	56083.03516	56177.99609	505568.0	5408225.9
L5570.0	505568.0	5408227.1	17381.09961	314.04	88.28	48.826999	-86.924137	56104.31	56244.5	5.51	56109.82	56194.23828	56082.23106	56176.80859	505568.0	5408227.1
L5570.0	505568.0	5408227.1	17381.19922	314.43	90.3	48.826999	-86.924137	56104.21	56244.5	5.51	56109.72	56193.87891	56087.65242	56181.83984	505568.0	5408227.1
L5570.0	505568.0	5408228.4	17381.30078	313.67	90.01	48.827011	-86.924137	56103.78	56244.5	5.51	56109.29	56193.18359	56085.39733	56179.18750	505568.0	5408228.4
L5570.0	505568.0	5408229.5	17381.40039	313.04	90.01	48.827020	-86.924137	56103.50	56244.5	5.51	56109.01	56192.63672	56086.58240	56179.96484	505568.0	5408229.5
L5570.0	505568.0	5408230.8	17381.50000	314.08	89.98	48.827032	-86.924137	56103.14	56244.5	5.51	56108.65	56192.00391	56085.87591	56178.84375	505568.0	5408230.8
L5570.0	505568.0	5408231.8	17381.59961	313.60	87.72	48.827040	-86.924137	56102.84	56244.5	5.52	56108.36	56191.43359	56086.75270	56179.30078	505568.0	5408231.8
L5570.0	505568.0	5408231.8	17381.69922	313.63	87.72	48.827040	-86.924137	56102.36	56244.5	5.52	56107.88	56190.67188	56083.18788	56175.30859	505568.0	5408231.8
L5570.0	505568.0	5408233.7	17381.80078	315.97	84.18	48.827058	-86.924137	56102.00	56244.5	5.52	56107.52	56190.02344	56082.36443	56174.05078	505568.0	5408233.7
L5570.0	505568.0	5408235.0	17381.90039	315.04	86.93	48.827070	-86.924137	56101.54	56244.5	5.52	56107.06	56189.27344	56079.18350	56170.42969	505568.0	5408235.0
L5570.0	505568.0	5408236.3	17382.00000	314.58	91.92	48.827081	-86.924137	56101.13	56244.5	5.52	56106.64	56188.55859	56076.89290	56167.69531	505568.0	5408236.3
L5570.0	505568.0	5408237.1	17382.09961	315.66	91.92	48.827089	-86.924137	56100.77	56244.5	5.52	56106.28	56187.89844	56075.96127	56166.31250	505568.0	5408237.1
L5570.0	505568.0	5408238.5	17382.19922	317.91	94.7	48.827101	-86.924137	56100.50	56244.5	5.52	56106.02	56187.33594	56077.32623	56167.21875	505568.0	5408238.5
L5570.0	505568.0	5408239.6	17382.30078	315.65	94.1	48.827111	-86.924137	56100.09	56244.5	5.51	56105.60	56186.60938	56074.94484	56164.37500	505568.0	5408239.6
L5570.0	505568.0	5408239.6	17382.40039	314.97	94.1	48.827111	-86.924137	56099.88	56244.5	5.51	56105.39	56186.08984	56077.42763	56166.39063	505568.0	5408239.6
L5570.0	505568.0	5408241.8	17382.50000	314.39	94.1	48.827131	-86.924137	56099.50	56244.5	5.51	56105.01	56185.39453	56075.93402	56164.42578	505568.0	5408241.8
L5570.0	505568.0	5408241.8	17382.59961	314.49	84.15	48.827131	-86.924137	56099.27	56244.5	5.51	56104.78	56184.84766	56077.91511	56165.92969	505568.0	5408241.8
L5570.0	505568.0	5408243.7	17382.69922	313.12	84.15	48.827148	-86.924137	56098.99	56244.5	5.51	56104.49	56184.23828	56078.48495	56166.01953	505568.0	5408243.7
L5570.0	505568.0	5408245.1	17382.80078	310.60	84.38	48.827160	-86.924137	56098.72	56244.5	5.50	56104.22	56183.64453	56079.50845	56166.55859	505568.0	5408245.1
L5570.0	505568.0	5408245.1	17382.90039	309.66	83.81	48.827160	-86.924137	56098.41	56244.5	5.50	56103.91	56183.00781	56079.59382	56166.15625	505568.0	5408245.1
L5570.0	505568.0	5408246.4	17383.00000	312.43	86.44	48.827172	-86.924137	56098.16	56244.5	5.50	56103.66	56182.42969	56081.06392	56167.13672	505568.0	5408246.4
L5570.0	505568.0	5408247.7	17383.09961	314.95	86.44	48.827184	-86.924137	56097.68	56244.5	5.50	56103.18	56181.61719	56077.21503	56162.79297	505568.0	5408247.7
L5570.0	505568.0	5408249.2	17383.19922	315.34	91.02	48.827198	-86.924137	56097.30	56244.5	5.50	56102.81	56180.91016	56075.92521	56161.00391	505568.0	5408249.2
L5570.0	505567.9	5408250.3	17383.30078	316.46	92.78	48.827208	-86.924138	56096.94	56244.5	5.51	56102.45	56180.21484	56074.88214	56159.46094	505567.9	5408250.3
L5570.0	505567.9	5408250.3	17383.40039	315.53	93.04	48.827208	-86.924138	56096.72	56244.5	5.51	56102.23	56179.65625	56077.04441	56161.12109	505567.9	5408250.3
L5570.0	505567.9	5408251.5	17383.50000	314.90	92.61	48.827218	-86.924137	56096.46	56244.5	5.51	56101.97	56179.05469	56078.28496	56161.85547	505567.9	5408251.5
L5570.0	505567.9	5408253.4	17383.59961	315.11	92.61	48.827235	-86.924137	56096.12	56244.5	5.51	56101.63	56178.37109	56077.72335	56160.78516	505567.9	5408253.4
L5570.0	505567.9	5408254.2	17383.69922	314.17	92.59	48.827243	-86.924137	56095.88	56244.5	5.51	56101.39	56177.78906	56079.40460	56161.95703	505567.9	5408254.2
L5570.0	505567.9	5408255.5	17383.80078	312.80	92.59	48.827254	-86.924138	56095.54	56244.5	5.52	56101.05	56177.10156	56078.86504	56160.90625	505567.9	5408255.5
L5570.0	505567.9	5408255.5	17383.90039	312.14	91.91	48.827254	-86.924138	56095.13	56244.5	5.52	56100.65	56176.35156	56077.03939	56158.56641	505567.9	5408255.5
L5570.0	505567.9	5408256.8	17384.00000	313.50	92.25	48.827266	-86.924138	56094.89	56244.5	5.52	56100.41	56175.76563	56078.71488	56159.73047	505567.9	5408256.8
L5570.0	505567.9	5408258.0	17384.09961	315.24	92.08	48.827276	-86.924138	56094.49	56244.5	5.52	56100.01	56175.01172	56076.95313	56157.45313	505567.9	5408258.0
L5570.0	505567.9	5408259.2	17384.19922	315.91	92.08	48.827288	-86.924138	56094.12	56244.5	5.52	56099.64	56174.28906	56075.87315	56155.85547	505567.9	5408259.2
L5570.0	505567.9	5408260.6	17384.30078	316.72	91.53	48.827299	-86.924138	56093.86	56244.5	5.52	56099.38	56173.67578	56077.11952	56156.58594	505567.9	5408260.6
L5570.0	505567.9	5408261.6	17384.40039	312.77	90.63	48.827309	-86.924138	56093.59	56244.5	5.52	56099.11	56173.05469	56078.14187	56157.08984	505567.9	5408261.6
L5570.0	505567.9	5408262.9	17384.50000	311.83	90.63	48.827320	-86.924138	56093.22	56244.5	5.52	56098.74	56172.32813	56077.11277	56155.54297	505567.9	5408262.9
L5570.0	505567.9	5408262.9	17384.59961	313.68	83.68	48.827320	-86.924138	56093.00	56244.5	5.52	56098.52	56171.75391	56079.12622	56157.03906	505567.9	5408262.9
L5570.0	505567.8	5408264.5	17384.69922	312.86	85.45	48.827335	-86.924139	56092.75	56244.5	5.52	56098.27	56171.14453	56080.50038	56157.89453	505567.8	5408264.5
L5570.0	505567.8	5408265.9	17384.80078	313.13	89.25	48.827348	-86.924139	56092.34	56244.5	5.52	56097.86	56170.37891	56078.69667	56155.57422	505567.8	5408265.9
L5570.0	505567.8	5408266.6	17384.90039	311.87	89.25	48.827354	-86.924139	56092.02	56244.5	5.52	56097.54	56169.70313	56078.69185	56155.05078	505567.8	5408266.6
L5570.0	505567.8	5408267.9	17385.00000	310.29	87.18	48.827365	-86.924139	56091.68	56244.5	5.52	56097.20	56169.00391	56078.30701	56154.14844	505567.8	5408267.9
L5570.0	505567.8	5408269.2	17385.09961	310.21	81.69	48.827377	-86.924139	56091.38	56244.5	5.52	56096.90	56168.34766	56078.71106	56154.03516	505567.8	5408269.2
L5570.0	505567.8	5408270.1	17385.19922	310.10	81.69	48.827385	-86.924139	56091.16	56244.5	5.52	56096.68	56167.76953	56080.66345	56155.47266	505567.8	5408270.1
L5570.0	505567.8	5408270.1	17385.30078	307.73	83.8	48.827385	-86.924139	56090.82	56244.5	5.52	56096.35	56167.08203	56080.52196	56154.81250	505567.8	5408270.1
L5570.0	505567.8	5408272.4	17385.40039	308.98	84.82	48.827406	-86.924139	56090.52	56244.5	5.52	56096.04	56166.41406	56080.79343	56154.57031	505567.8	5408272.4
L5570.0	505567.8	5408272.4	17385.50000	308.49	84.02	48.827406	-86.924139	56090.09	56244.5	5.52	56095.62	56165.63672	56079.01656	56152.28125	505567.8	5408272.4
L5570.0	505567.8	5408273.6	17385.59961	310.20	84.06	48.827417	-86.924140	56089.76	56244.5	5.53	56095.28	56164.93750	56078.80201	56151.55078	505567.8	5408273.6
L5570.0	505567.8	5408275.1	17385.69922	311.36	84.06	48.827430	-86.924140	56089.31	56244.5	5.53	56094.84	56164.14063	56076.75133	56148.98828	505567.8	5408275.1
L5570.0	505567.7	5408276.0	17385.80078	311.90	80.61	48.827438	-86.924140	56088.98	56244.5	5.53	56094.50	56163.44531	56076.63933	56148.36719	505567.7	5408276.0
L5570.0	505567.7	5408277.1	17385.90039	312.62	82.05	48.827448	-86.924140	56088.63	56244.5	5.53	56094.15	56162.73828	56076.39580	56147.61328	505567.7	5408277.1
L5570.0	505567.7	5408278.4	17386.00000	312.03	82.05	48.827460	-86.924140	56088.29	56244.5	5.53	56093.82	56162.05469	56076.58659	56147.29688	505567.7	5408278.4
L5570.0	505567.7	5408278.4	17386.09961	313.24	79.58	48.827460	-86.924140	56087.86	56244.5	5.53	56093.39	56161.26953	56074.97535	56145.17969	505567.7	5408278.4
L5570.0	505567.7	5408279.7	17386.19922	313.93	82.75	48.827471	-86.924140	56087.62	56244.5	5.53	56093.15	56160.67578	56076.97303	56146.67188	505567.7	5408279.7
L5570.0	505567.7	5408281.3	17386.30078	312.61	82.75	48.827486	-86.924140	56087.13	56244.5	5.53	56092.66	56159.83203	56074.39250	56143.58984	505567.7	5408281.3
L5570.0	505567.7	5408282.6	17386.40039	311.57	81.87	48.827498	-86.924140	56087.01	56244.5	5.53	56092.54	56159.36328	56078.74655	56147.44141	505567.7	5408282.6
L5570.0	505567.7	5408282.6	17386.50000	310.66	80.98	48.827498	-86.924140	56086.46	56244.5	5.53	56091.99	56158.46094	56075.21575	56143.41016	505567.7	5408282.6
L5570.0	505567.7	5408284.1	17386.59961	311.14	80.98	48.827512	-86.924140	56086.32	56244.5	5.53	56091.85	56157.97266	56079.32352	56147.01953	505567.7	5408284.1
L5570.0	505567.7	5408285.5	17386.69922	309.91	77.15	48.827524	-86.924140	56085.74	56244.5	5.53	56091.27	56157.04297	56075.40915	56142.60938	505567.7	5408285.5
L5570.0	505567.7	5408286.3	17386.80078	310.30	80.15	48.827531	-86.924140	56085.41	56244.5	5.53	56090.94	56156.36719	56076.16386	56142.86719	505567.7	5408286.3
L5570.0	505567.7	5408287.6	17386.90039	309.81	80.15	48.827543	-86.924140	56084.91	56244.5	5.53	56090.44	56155.51953	56073.88180	56140.09375	505567.7	5408287.6
L5570.0	505567.7	5408288.9	17387.00000	310.59	78.91	48.827554	-86.924140	56084.68	56244.5	5.53	56090.21	56154.94531	56076.59991	56142.32031	505567.7	5408288.9
L5570.0	505567.7	5408289.7	17387.09961	310.26	78.19	48.827562	-86.924140	56084.13	56244.5	5.53	56089.65	56154.04297	56073.36402	56138.59375	505567.7	5408289.7
L5570.0	505567.7	5408290.8	17387.19922	309.56	77.21	48.827572	-86.924140	56083.86	56244.5	5.53	56089.39	56153.44141	56075.66481	56140.40625	505567.7	5408290.8
L5570.0	505567.7	5408292.1	17387.30078	309.21	77.21	48.827584	-86.924140	56083.29	56244.5	5.53	56088.81	56152.52344	56072.18072	56136.43750	505567.7	5408292.1
L5570.0	505567.7	5408292.1	17387.40039	310.32	77.92	48.827584	-86.924140	56083.04	56244.5	5.53	56088.56	56151.93359	56074.81409	56138.58594	505567.7	5408292.1
L5570.0	505567.7	5408293.6	17387.50000	309.30	77.38	48.827597	-86.924140	56082.58	56244.5	5.53	56088.10	56151.13672	56073.66987	56136.95703	505567.7	5408293.6
L5570.0	505567.7	5408294.9	17387.59961	309.83	77.38	48.827608	-86.924140	56082.32	56244.5	5.52	56087.85	56150.55078	56076.51037	56139.31641	505567.7	5408294.9
L5570.0	505567.7	5408296.1	17387.69922	309.78	76.72	48.827620	-86.924140	56081.77	56244.5	5.52	56087.30	56149.66797	56073.86337	56136.19141	505567.7	5408296.1
L5570.0	505567.8	5408297.3	17387.80078	309.29	77.74	48.827630	-86.924139	56081.38	56244.5	5.52	56086.90	56148.93750	56074.12009	56135.96875	505567.8	5408297.3
L5570.0	505567.8	5408298.6	17387.90039	310.89	77.74	48.827641	-86.924139	56080.81	56244.5	5.52	56086.33	56148.03906	56071.26624	56132.63672	505567.8	5408298.6
L5570.0	505567.8	5408298.6	17388.00000	311.29	73.62	48.827641	-86.924139	56080.50	56244.5	5.52	56086.02	56147.39844	56073.47227	56134.36719	505567.8	5408298.6
L5570.0	505567.8	5408300.3	17388.09961	311.65	76.04	48.827657	-86.924139	56079.85	56244.5	5.52	56085.37	56146.42578	56069.29952	56129.72266	505567.8	5408300.3
L5570.0	505567.8	5408301.6	17388.19922	312.03	74.49	48.827669	-86.924139	56079.41	56244.5	5.52	56084.93	56145.66016	56069.28033	56129.23047	505567.8	5408301.6
L5570.0	505567.8	5408302.6	17388.30078	311.92	74.49	48.827678	-86.924139	56078.91	56244.5	5.52	56084.43	56144.83984	56068.24240	56127.72266	505567.8	5408302.6
L5570.0	505567.8	5408302.6	17388.40039	312.69	77.43	48.827678	-86.924139	56078.48	56244.5	5.52	56084.00	56144.08984	56068.70178	56127.71094	505567.8	5408302.6
L5570.0	505567.8	5408304.3	17388.50000	314.47	77.43	48.827693	-86.924139	56078.03	56244.5	5.52	56083.55	56143.32031	56068.91918	56127.45703	505567.8	5408304.3
L5570.0	505567.8	5408305.6	17388.59961	314.28	74.1	48.827705	-86.924139	56077.68	56244.5	5.52	56083.20	56142.65625	56071.21706	56129.28906	505567.8	5408305.6
L5570.0	505567.8	5408306.9	17388.69922	314.94	75.21	48.827716	-86.924139	56077.02	56244.5	5.52	56082.54	56141.67969	56067.65752	56125.26172	505567.8	5408306.9
L5570.0	505567.8	5408306.9	17388.80078	314.46	74.87	48.827716	-86.924139	56076.58	56244.5	5.52	56082.10	56140.92969	56068.50039	56125.64063	505567.8	5408306.9
L5570.0	505567.8	5408308.2	17388.90039	313.67	74.87	48.827728	-86.924138	56076.07	56244.5	5.52	56081.59	56140.10938	56068.13783	56124.81250	505567.8	5408308.2

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5570.0	505567.8	5408309.5	17389.00000	312.09	76.04	48.827740	-86.924138	56075.60	56244.5	5.52	56081.12	56139.33203	56068.69158	56124.90234	505567.8	5408309.5
L5570.0	505567.8	5408310.8	17389.09961	311.08	76.04	48.827752	-86.924138	56074.98	56244.5	5.52	56080.50	56138.40625	56066.52165	56122.26953	505567.8	5408310.8
L5570.0	505567.8	5408312.1	17389.19922	312.01	75.3	48.827763	-86.924138	56074.54	56244.5	5.52	56080.06	56137.66406	56067.94983	56123.23438	505567.8	5408312.1
L5570.0	505567.8	5408312.1	17389.30078	309.57	67.32	48.827763	-86.924138	56073.88	56244.5	5.53	56079.41	56136.71094	56065.53546	56120.35547	505567.8	5408312.1
L5570.0	505567.8	5408313.4	17389.40039	307.40	67.32	48.827775	-86.924138	56073.37	56244.5	5.53	56078.89	56135.89453	56065.75846	56120.11719	505567.8	5408313.4
L5570.0	505567.8	5408314.9	17389.50000	307.68	69.69	48.827789	-86.924138	56072.81	56244.5	5.53	56078.34	56135.04688	56065.57710	56119.47266	505567.8	5408314.9
L5570.0	505567.8	5408314.9	17389.59961	310.09	69.69	48.827789	-86.924138	56072.41	56244.5	5.53	56077.94	56134.35156	56068.38359	56121.81641	505567.8	5408314.9
L5570.0	505567.8	5408316.5	17389.69922	309.94	71.04	48.827802	-86.924138	56071.70	56244.5	5.53	56077.24	56133.35938	56065.71731	56118.68750	505567.8	5408316.5
L5570.0	505567.8	5408318.1	17389.80078	310.70	72.17	48.827817	-86.924138	56071.24	56244.5	5.54	56076.78	56132.60938	56067.72723	56120.23828	505567.8	5408318.1
L5570.0	505567.8	5408319.5	17389.90039	310.10	72.17	48.827830	-86.924138	56070.56	56244.5	5.54	56076.10	56131.64063	56065.79395	56117.83984	505567.8	5408319.5
L5570.0	505567.8	5408319.5	17390.00000	309.76	69.56	48.827830	-86.924138	56069.96	56244.5	5.54	56075.50	56130.75391	56065.53933	56117.12500	505567.8	5408319.5
L5570.0	505567.8	5408320.9	17390.09961	311.42	69.56	48.827843	-86.924138	56069.32	56244.5	5.54	56074.86	56129.83203	56064.72051	56115.84375	505567.8	5408320.9
L5570.0	505567.8	5408322.2	17390.19922	311.39	69.57	48.827855	-86.924138	56068.64	56244.5	5.53	56074.17	56128.85938	56063.14642	56113.80469	505567.8	5408322.2
L5570.0	505567.8	5408323.3	17390.30078	310.47	66.81	48.827864	-86.924138	56068.01	56244.5	5.53	56073.54	56127.95313	56062.89645	56113.09375	505567.8	5408323.3
L5570.0	505567.8	5408324.4	17390.40039	313.27	66.81	48.827874	-86.924138	56067.38	56244.5	5.52	56072.90	56127.03516	56062.66736	56112.39844	505567.8	5408324.4
L5570.0	505567.8	5408324.4	17390.50000	314.39	68.69	48.827874	-86.924138	56066.67	56244.5	5.52	56072.19	56126.05078	56061.30620	56110.57422	505567.8	5408324.4
L5570.0	505567.8	5408325.9	17390.59961	315.07	70.12	48.827887	-86.924138	56065.88	56244.5	5.52	56071.40	56124.98828	56058.58293	56107.38672	505567.8	5408325.9
L5570.0	505567.8	5408327.1	17390.69922	316.46	72.55	48.827899	-86.924138	56065.15	56244.5	5.51	56070.66	56123.97656	56057.05587	56105.39063	505567.8	5408327.1
L5570.0	505567.8	5408328.4	17390.80078	312.33	72.55	48.827910	-86.924138	56064.41	56244.5	5.51	56069.92	56122.96875	56055.78070	56103.64844	505567.8	5408328.4
L5570.0	505567.8	5408329.5	17390.90039	312.46	73.44	48.827920	-86.924138	56063.79	56244.5	5.50	56069.29	56122.07422	56057.05610	56104.45703	505567.8	5408329.5
L5570.0	505567.8	5408330.8	17391.00000	314.70	71.92	48.827931	-86.924138	56063.16	56244.5	5.50	56068.66	56121.17969	56058.70685	56105.63672	505567.8	5408330.8
L5570.0	505567.8	5408330.8	17391.09961	314.92	72.06	48.827931	-86.924138	56062.29	56244.5	5.50	56067.79	56120.05078	56055.66575	56102.12500	505567.8	5408330.8
L5570.0	505567.8	5408332.1	17391.19922	312.71	72.06	48.827943	-86.924138	56061.69	56244.5	5.50	56067.19	56119.19141	56058.70766	56104.69531	505567.8	5408332.1
L5570.0	505567.9	5408333.1	17391.30078	312.07	73.93	48.827952	-86.924138	56060.82	56244.5	5.50	56066.32	56118.06250	56056.33937	56101.85547	505567.9	5408333.1
L5570.0	505567.9	5408334.2	17391.40039	314.17	73.22	48.827962	-86.924138	56059.99	56244.5	5.50	56065.49	56116.97656	56055.18497	56100.22656	505567.9	5408334.2
L5570.0	505567.9	5408335.5	17391.50000	313.58	73.22	48.827974	-86.924137	56059.23	56244.5	5.50	56064.73	56115.96484	56055.93993	56100.50781	505567.9	5408335.5
L5570.0	505567.9	5408336.6	17391.59961	313.53	71.64	48.827983	-86.924137	56058.32	56244.5	5.50	56063.82	56114.80469	56053.78779	56097.87891	505567.9	5408336.6
L5570.0	505567.9	5408337.9	17391.69922	314.87	71.8	48.827995	-86.924137	56057.43	56244.5	5.50	56062.93	56113.66797	56052.46008	56096.07031	505567.9	5408337.9
L5570.0	505567.9	5408338.9	17391.80078	315.06	68.83	48.828005	-86.924137	56056.63	56244.5	5.50	56062.13	56112.62109	56053.52055	56096.65234	505567.9	5408338.9
L5570.0	505567.9	5408340.1	17391.90039	316.12	68.83	48.828015	-86.924137	56055.67	56244.5	5.50	56061.17	56111.41797	56051.44463	56094.09375	505567.9	5408340.1
L5570.0	505567.9	5408340.1	17392.00000	316.82	68.82	48.828015	-86.924137	56054.83	56244.5	5.50	56060.33	56110.33594	56052.42849	56094.59375	505567.9	5408340.1
L5570.0	505567.9	5408341.8	17392.09961	315.72	69.89	48.828030	-86.924136	56053.96	56244.5	5.50	56059.46	56109.23047	56053.15126	56094.83203	505567.9	5408341.8
L5570.0	505567.9	5408343.1	17392.19922	315.50	69.89	48.828042	-86.924136	56052.93	56244.5	5.50	56058.43	56107.96094	56050.76194	56091.95703	505567.9	5408343.1
L5570.0	505568.0	5408344.2	17392.30078	314.72	71.51	48.828052	-86.924136	56051.84	56244.5	5.50	56057.34	56106.63672	56047.48927	56088.19531	505568.0	5408344.2
L5570.0	505568.0	5408345.4	17392.40039	314.10	68.66	48.828063	-86.924136	56050.76	56244.5	5.50	56056.26	56105.32422	56044.87570	56085.08984	505568.0	5408345.4
L5570.0	505568.0	5408345.4	17392.50000	312.38	69.14	48.828063	-86.924136	56049.77	56244.5	5.50	56055.27	56104.10547	56044.63836	56084.35938	505568.0	5408345.4
L5570.0	505568.0	5408346.8	17392.59961	308.83	69.08	48.828075	-86.924136	56048.76	56244.5	5.50	56054.26	56102.86719	56044.37610	56083.60547	505568.0	5408346.8
L5570.0	505568.0	5408348.2	17392.69922	308.42	69.08	48.828088	-86.924136	56047.72	56244.5	5.50	56053.22	56101.60156	56043.87553	56082.60938	505568.0	5408348.2
L5570.0	505568.0	5408349.4	17392.80078	310.63	68.39	48.828099	-86.924136	56046.69	56244.5	5.50	56052.19	56100.34766	56043.97890	56082.21484	505568.0	5408349.4
L5570.0	505568.0	5408350.3	17392.90039	310.72	66.96	48.828106	-86.924136	56045.52	56244.5	5.50	56051.02	56098.95703	56041.55364	56079.28906	505568.0	5408350.3
L5570.0	505568.0	5408351.8	17393.00000	311.63	66.96	48.828120	-86.924135	56044.41	56244.5	5.50	56049.91	56097.62891	56040.78034	56078.01563	505568.0	5408351.8
L5570.0	505568.0	5408353.0	17393.09961	311.63	66.91	48.828132	-86.924135	56043.27	56244.5	5.50	56048.77	56096.27344	56039.77668	56076.51172	505568.0	5408353.0
L5570.0	505568.0	5408353.0	17393.19922	311.48	66.91	48.828132	-86.924135	56042.14	56244.5	5.50	56047.64	56094.92969	56039.35359	56075.58203	505568.0	5408353.0
L5570.0	505568.0	5408354.2	17393.30078	312.37	67.36	48.828142	-86.924135	56041.07	56244.5	5.50	56046.57	56093.64844	56040.49464	56076.21875	505568.0	5408354.2
L5570.0	505568.0	5408355.8	17393.40039	311.68	67.31	48.828157	-86.924135	56039.73	56244.5	5.50	56045.23	56092.09766	56036.59980	56071.81641	505568.0	5408355.8
L5570.0	505568.0	5408355.8	17393.50000	311.28	67.31	48.828157	-86.924135	56038.36	56244.5	5.50	56043.87	56090.53125	56032.69858	56067.40625	505568.0	5408355.8
L5570.0	505568.0	5408357.4	17393.59961	311.59	65.94	48.828170	-86.924135	56036.95	56244.5	5.51	56042.45	56088.90625	56027.98034	56062.17578	505568.0	5408357.4
L5570.0	505568.0	5408358.5	17393.69922	310.67	67.26	48.828181	-86.924135	56035.83	56244.5	5.51	56041.34	56087.59375	56029.73112	56063.41406	505568.0	5408358.5
L5570.0	505568.0	5408359.8	17393.80078	308.64	67.26	48.828192	-86.924135	56034.54	56244.5	5.51	56040.05	56086.10156	56028.27379	56061.44531	505568.0	5408359.8
L5570.0	505568.0	5408361.0	17393.90039	307.30	64.79	48.828203	-86.924135	56033.31	56244.5	5.51	56038.82	56084.67578	56028.34899	56061.00391	505568.0	5408361.0
L5570.0	505568.0	5408362.5	17394.00000	308.18	64.79	48.828217	-86.924135	56032.01	56244.5	5.51	56037.52	56083.17969	56027.39175	56059.53125	505568.0	5408362.5
L5570.0	505568.0	5408362.5	17394.09961	311.30	65.24	48.828217	-86.924135	56030.75	56244.5	5.51	56036.26	56081.72656	56027.58522	56059.20703	505568.0	5408362.5
L5570.0	505568.1	5408363.6	17394.19922	312.79	65.88	48.828227	-86.924134	56029.48	56244.5	5.51	56034.99	56080.26563	56027.94602	56059.04688	505568.1	5408363.6
L5570.0	505568.1	5408365.3	17394.30078	312.05	65.88	48.828241	-86.924134	56028.02	56244.5	5.51	56033.53	56078.61719	56024.85695	56055.44141	505568.1	5408365.3
L5570.0	505568.1	5408366.2	17394.40039	313.98	65.5	48.828250	-86.924134	56026.65	56244.5	5.51	56032.15	56077.05078	56023.72515	56053.78906	505568.1	5408366.2
L5570.0	505568.1	5408367.5	17394.50000	316.45	65.5	48.828262	-86.924134	56025.03	56244.5	5.51	56030.54	56075.25781	56018.28309	56047.82422	505568.1	5408367.5
L5570.0	505568.1	5408367.5	17394.59961	315.09	63.17	48.828262	-86.924134	56023.54	56244.5	5.50	56029.04	56073.57813	56015.40806	56044.42578	505568.1	5408367.5
L5570.0	505568.1	5408369.1	17394.69922	313.54	63.17	48.828276	-86.924134	56022.00	56244.5	5.50	56027.50	56071.85938	56012.06351	56040.55859	505568.1	5408369.1
L5570.0	505568.1	5408370.4	17394.80078	313.30	64.28	48.828288	-86.924134	56020.56	56244.5	5.50	56026.06	56070.24219	56011.11523	56039.08984	505568.1	5408370.4
L5570.0	505568.1	5408370.4	17394.90039	311.20	65.14	48.828288	-86.924134	56019.09	56244.5	5.50	56024.59	56068.60156	56009.90653	56037.35547	505568.1	5408370.4
L5570.0	505568.1	5408371.7	17395.00000	311.35	63.69	48.828300	-86.924134	56017.54	56244.5	5.50	56023.04	56066.87891	56007.40370	56034.32813	505568.1	5408371.7
L5570.0	505568.1	5408373.2	17395.09961	316.03	63.69	48.828312	-86.924133	56016.05	56244.5	5.50	56021.55	56065.22266	56006.47882	56032.88281	505568.1	5408373.2
L5570.0	505568.1	5408374.9	17395.19922	314.35	62.43	48.828328	-86.924133	56014.64	56244.5	5.50	56020.14	56063.64453	56007.54495	56033.42188	505568.1	5408374.9
L5570.0	505568.1	5408374.9	17395.30078	314.03	63.59	48.828328	-86.924133	56013.12	56244.5	5.50	56018.62	56061.96484	56006.68341	56032.03906	505568.1	5408374.9
L5570.0	505568.1	5408377.0	17395.40039	314.64	63.59	48.828347	-86.924133	56011.45	56244.5	5.50	56016.94	56060.12109	56002.85088	56027.67969	505568.1	5408377.0
L5570.0	505568.1	5408377.0	17395.50000	313.42	61.8	48.828347	-86.924133	56009.81	56244.5	5.50	56015.30	56058.32422	56000.16713	56024.47656	505568.1	5408377.0
L5570.0	505568.1	5408378.3	17395.59961	313.05	61.8	48.828359	-86.924133	56008.18	56244.5	5.49	56013.68	56056.55078	55998.22401	56022.01172	505568.1	5408378.3
L5570.0	505568.1	5408380.0	17395.69922	313.59	65.28	48.828374	-86.924133	56006.49	56244.5	5.49	56011.99	56054.70703	55995.15868	56018.42188	505568.1	5408380.0
L5570.0	505568.2	5408381.4	17395.80078	312.06	64.68	48.828387	-86.924133	56004.85	56244.5	5.49	56010.34	56052.91016	55993.25495	56016.00000	505568.2	5408381.4
L5570.0	505568.2	5408381.4	17395.90039	312.06	64.05	48.828387	-86.924133	56003.28	56244.5	5.49	56008.77	56051.19141	55993.35761	56015.58203	505568.2	5408381.4
L5570.0	505568.1	5408382.6	17396.00000	311.80	64.05	48.828397	-86.924133	56001.64	56244.5	5.49	56007.13	56049.40625	55992.34653	56014.05469	505568.1	5408382.6
L5570.0	505568.2	5408383.8	17396.09961	311.84	61.95	48.828408	-86.924133	55999.89	56244.5	5.49	56005.38	56047.51563	55989.38014	56010.57031	505568.2	5408383.8
L5570.0	505568.2	5408385.1	17396.19922	312.34	53.86	48.828420	-86.924133	55998.12	56244.5	5.49	56003.61	56045.60938	55986.33749	56007.01563	505568.2	5408385.1
L5570.0	505568.2	5408385.1	17396.30078	311.39	53.86	48.828420	-86.924133	55996.42	56244.5	5.49	56001.91	56043.77344	55985.11069	56005.27344	505568.2	5408385.1
L5570.0	505568.2	5408386.7	17396.40039	312.10	60.82	48.828434	-86.924132	55994.70	56244.5	5.49	56000.20	56041.92969	55984.02985	56003.67969	505568.2	5408386.7
L5570.0	505568.2	5408388.0	17396.50000	312.29	60.82	48.828446	-86.924132	55992.88	56244.5	5.49	55998.37	56039.96875	55980.78578	55999.92969	505568.2	5408388.0
L5570.0	505568.2	5408389.3	17396.59961	313.35	63.04	48.828457	-86.924132	55991.09	56244.5	5.50	55996.58	56038.05469	55978.74431	55997.38281	505568.2	5408389.3
L5570.0	505568.2	5408390.6	17396.69922	313.39	63.42	48.828469	-86.924132	55989.21	56244.5	5.50	55994.71	56036.05859	55975.38721	55993.51953	505568.2	5408390.6
L5570.0	505568.2	5408392.1	17396.80078	314.96	63.42	48.828483	-86.924132	55987.44	56244.5	5.50	55992.94	56034.16797	55974.50857	55992.14063	505568.2	5408392.1
L5570.0	505568.2	5408392.1	17396.90039	315.21	58.82	48.828483	-86.924132	55985.68	56244.5	5.50	55991.18	56032.28906	55974.21958	55991.35547	505568.2	5408392.1
L5570.0	505568.2	5408393.7	17397.00000	313.64	58.82	48.828497	-86.924132	55983.70	56244.5	5.50	55989.20	56030.19531	55969.68650	55986.32813	505568.2	5408393.7
L5570.0	505568.3	5408395.4	17397.09961	314.57	60.46	48.828513	-86.924131	55981.88	56244.5	5.50	55987.38	56028.26172	55968.90174	55985.05078	505568.3	5408395.4
L5570.0	505568.3	5408396.7	17397.19922	313.76	60.46	48.828524	-86.924131	55980.06	56244.5	5.50	55985.56	56026.33203	55968.50114	55984.16406	505568.3	5408396.7
L5570.0	505568.3	5408396.7	17397.30078	314.93	61.16	48.828524	-86.924131	55978.16	56244.5	5.49	55983.65	56024.31641	55966.60185	55981.77734	505568.3	5408396.7
L5570.0	505568.3	5408397.8	17397.40039	313.47	58.45	48.828534	-86.924131	55976.29	56244.5	5.49	55981.78	56022.34375	55965.93223	55980.62891	505568.3	5408397.8
L5570.0	505568.3	5408399.3	17397.50000	312.65	58.45	48.828547	-86.924131	55974.14	56244.5	5.49	55979.63	56020.09375	55959.80940	55974.03125	505568.3	5408399.3
L5570.0	505568.3	5408399.3	17397.59961	312.38	59.79	48.828547	-86.924131	55972.19	56244.5	5.49	55977.68	56018.04688	55958.26775	55972.01953	505568.3	5408399.3
L5570.0	505568.3	5408401.1	17397.69922	312.31	59.79	48.828564	-86.924130	55970.07	56244.5	5.49	55975.55	56015.82422	55953.37553	55966.66016	505568.3	5408401.1
L5570.0	505568.3	5408402.4	17397.80078	310.87	59.62	48.828575	-86.924130	55968.09	56244.5	5.48	55973.58	56013.76172	55952.21292	55965.03516	505568.3	5408402.4
L5570.0	505568.3	5408403.7	17397.90039	312.09	59.62	48.828587	-86.924130	55966.07	56244.5	5.48	55971.55	56011.64453	55950.19373	55962.55859	505568.3	5408403.7
L5570.0	505568.3	5408404.8	17398.00000	312.31	57.25	48.828597	-86.924130	55964.02	56244.5	5.48	55969.50	56009.50781	55948.14864	55960.06250	505568.3	5408404.8
L5570.0	505568.3	5408404.8	17398.09961	313.65	55.24	48.828597	-86.924130	55961.79	56244.5	5.48	55967.27	56007.19531	55942.73297	55954.19922	505568.3	5408404.8
L5570.0	505568.3	5408406.1	17398.19922	311.86	55.24	48.828609	-86.924130	55959.70	56244.5	5.48	55965.18	56005.02734	55940.61644	55951.64453	505568.3	5408406.1

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5570.0	505568.3	5408407.6	17398.30078	311.63	56.74	48.828622	-86.924130	55957.57	56244.5	5.48	55963.05	56002.82031	55938.04234	55948.63281	505568.3	5408407.6
L5570.0	505568.3	5408408.7	17398.40039	312.32	56.74	48.828632	-86.924130	55955.52	56244.5	5.48	55961.01	56000.70703	55937.75655	55947.91797	505568.3	5408408.7
L5570.0	505568.3	5408410.2	17398.50000	312.92	57.26	48.828646	-86.924130	55953.27	56244.5	5.49	55958.75	55998.37891	55933.18719	55942.92578	505568.3	5408410.2
L5570.0	505568.3	5408410.2	17398.59961	313.14	57.26	48.828646	-86.924130	55951.20	56244.5	5.49	55956.68	55996.24219	55933.09210	55942.41406	505568.3	5408410.2
L5570.0	505568.3	5408411.5	17398.69922	311.51	58.56	48.828658	-86.924130	55948.87	56244.5	5.49	55954.36	55993.85938	55928.00474	55936.91797	505568.3	5408411.5
L5570.0	505568.3	5408412.8	17398.80078	312.77	59.69	48.828669	-86.924130	55946.70	56244.5	5.49	55952.18	55991.61719	55926.39189	55934.90234	505568.3	5408412.8
L5570.0	505568.4	5408413.9	17398.90039	313.78	59.69	48.828679	-86.924130	55944.37	56244.5	5.49	55949.86	55989.24219	55922.12379	55930.23438	505568.4	5408413.9
L5570.0	505568.4	5408415.0	17399.00000	315.26	59.6	48.828689	-86.924130	55942.14	56244.5	5.49	55947.63	55986.95703	55920.31303	55928.03516	505568.4	5408415.0
L5570.0	505568.4	5408415.0	17399.09961	315.78	60.01	48.828689	-86.924130	55939.79	56244.5	5.49	55945.27	55984.54688	55916.02465	55923.36328	505568.4	5408415.0
L5570.0	505568.3	5408416.3	17399.19922	315.31	60.53	48.828700	-86.924130	55937.54	56244.5	5.49	55943.03	55982.25781	55914.93966	55921.90625	505568.3	5408416.3
L5570.0	505568.3	5408417.4	17399.30078	315.14	60.3	48.828711	-86.924130	55935.18	56244.5	5.49	55940.67	55979.85156	55911.57668	55918.17188	505568.3	5408417.4
L5570.0	505568.3	5408418.7	17399.40039	316.44	60.3	48.828722	-86.924130	55932.81	56244.5	5.49	55938.29	55977.42969	55908.21449	55914.44922	505568.3	5408418.7
L5570.0	505568.3	5408420.0	17399.50000	317.59	59.12	48.828734	-86.924130	55930.31	56244.5	5.49	55935.79	55974.88672	55902.50740	55908.39063	505568.3	5408420.0
L5570.0	505568.3	5408421.5	17399.59961	318.33	58.93	48.828748	-86.924130	55927.97	56244.5	5.48	55933.46	55972.52344	55901.24197	55906.78125	505568.3	5408421.5
L5570.0	505568.3	5408421.5	17399.69922	316.97	48.73	48.828748	-86.924130	55925.50	56244.5	5.48	55930.98	55970.00781	55896.91130	55902.11328	505568.3	5408421.5
L5570.0	505568.3	5408423.1	17399.80078	316.87	48.73	48.828761	-86.924130	55922.94	56244.5	5.48	55928.42	55967.41797	55891.14220	55896.01563	505568.3	5408423.1
L5570.0	505568.3	5408424.6	17399.90039	316.34	47.27	48.828775	-86.924130	55920.46	56244.5	5.48	55925.94	55964.90625	55887.69620	55892.25000	505568.3	5408424.6
L5570.0	505568.3	5408424.6	17400.00000	316.33	48.24	48.828775	-86.924130	55918.01	56244.5	5.48	55923.49	55962.43359	55885.37125	55889.61328	505568.3	5408424.6
L5570.0	505568.3	5408425.9	17400.09961	316.14	50.83	48.828787	-86.924130	55915.50	56244.5	5.48	55920.98	55959.89844	55882.02472	55885.96484	505568.3	5408425.9
L5570.0	505568.3	5408425.9	17400.19922	314.52	52.58	48.828787	-86.924130	55912.95	56244.5	5.48	55918.43	55957.32813	55878.10443	55881.75000	505568.3	5408425.9
L5570.0	505568.3	5408427.9	17400.30078	313.65	52.58	48.828805	-86.924130	55910.39	56244.5	5.48	55915.88	55954.76172	55874.50922	55877.87109	505568.3	5408427.9
L5570.0	505568.3	5408429.2	17400.40039	312.41	58.78	48.828816	-86.924130	55907.84	56244.5	5.48	55913.32	55952.18750	55870.96570	55874.05078	505568.3	5408429.2
L5570.0	505568.3	5408430.7	17400.50000	309.29	59.9	48.828830	-86.924131	55905.21	56244.5	5.48	55910.69	55949.54297	55866.07099	55868.88672	505568.3	5408430.7
L5570.0	505568.3	5408431.8	17400.59961	310.87	58.6	48.828840	-86.924131	55902.71	56244.5	5.48	55908.19	55947.03125	55864.29292	55866.85156	505568.3	5408431.8
L5570.0	505568.3	5408433.0	17400.69922	313.52	58.6	48.828851	-86.924131	55900.02	56244.5	5.48	55905.50	55944.33594	55858.37747	55860.68359	505568.3	5408433.0
L5570.0	505568.3	5408433.0	17400.80078	312.20	57.43	48.828851	-86.924131	55897.50	56244.5	5.48	55902.98	55941.80859	55856.29079	55858.35938	505568.3	5408433.0
L5570.0	505568.2	5408434.4	17400.90039	314.00	54.35	48.828863	-86.924131	55894.87	56244.5	5.48	55900.35	55939.17578	55851.74831	55853.58594	505568.2	5408434.4
L5570.0	505568.2	5408435.5	17401.00000	315.98	58.01	48.828873	-86.924131	55892.28	56244.5	5.48	55897.76	55936.58594	55847.97493	55849.58984	505568.2	5408435.5
L5570.0	505568.2	5408436.6	17401.09961	315.03	58.01	48.828883	-86.924131	55889.78	56244.5	5.48	55895.26	55934.08594	55845.94084	55847.34375	505568.2	5408436.6
L5570.0	505568.2	5408437.9	17401.19922	313.06	59.23	48.828894	-86.924131	55887.13	56244.5	5.48	55892.61	55931.44141	55840.39496	55841.59375	505568.2	5408437.9
L5570.0	505568.2	5408439.2	17401.30078	309.34	57.62	48.828906	-86.924131	55884.54	56244.5	5.48	55890.02	55928.85547	55835.76782	55836.77344	505568.2	5408439.2
L5570.0	505568.2	5408440.5	17401.40039	310.11	57.62	48.828918	-86.924131	55881.96	56244.5	5.48	55887.45	55926.29297	55831.10158	55831.92188	505568.2	5408440.5
L5570.0	505568.2	5408440.5	17401.50000	311.95	58.93	48.828918	-86.924131	55879.39	56244.5	5.48	55884.87	55923.72266	55825.66675	55826.31250	505568.2	5408440.5
L5570.0	505568.2	5408441.8	17401.59961	313.87	58.93	48.828930	-86.924132	55876.88	56244.5	5.48	55882.36	55921.22266	55821.07900	55821.56250	505568.2	5408441.8
L5570.0	505568.2	5408442.8	17401.69922	312.93	58.13	48.828939	-86.924132	55874.33	56244.5	5.48	55879.81	55918.68750	55814.88723	55815.21484	505568.2	5408442.8
L5570.0	505568.2	5408444.2	17401.80078	313.42	57.06	48.828951	-86.924132	55871.92	56244.5	5.48	55877.40	55916.29297	55810.86467	55811.04688	505568.2	5408444.2
L5570.0	505568.2	5408445.1	17401.90039	313.14	56.04	48.828960	-86.924132	55869.44	56244.5	5.48	55874.92	55913.82813	55804.38051	55804.42578	505568.2	5408445.1
L5570.0	505568.2	5408446.6	17402.00000	313.00	55.91	48.828973	-86.924132	55867.17	56244.5	5.48	55872.65	55911.57422	55801.41905	55801.33594	505568.2	5408446.6
L5570.0	505568.2	5408446.6	17402.09961	313.38	55.91	48.828973	-86.924132	55864.71	56244.5	5.48	55870.19	55909.13281	55793.12213	55792.92578	505568.2	5408446.6
L5570.0	505568.2	5408448.1	17402.19922	312.96	58.66	48.828986	-86.924132	55862.48	56244.5	5.47	55867.96	55906.92578	55788.59649	55788.29297	505568.2	5408448.1
L5570.0	505568.1	5408449.2	17402.30078	310.91	56.96	48.828996	-86.924132	55860.29	56244.5	5.47	55865.76	55904.74609	55783.33037	55782.92578	505568.1	5408449.2
L5570.0	505568.1	5408450.5	17402.40039	312.78	57.32	48.829008	-86.924132	55858.11	56244.5	5.47	55863.58	55902.58984	55776.95967	55776.46875	505568.1	5408450.5
L5570.0	505568.1	5408451.7	17402.50000	316.80	58.21	48.829019	-86.924132	55855.98	56244.5	5.46	55861.45	55900.48438	55770.01111	55769.44141	505568.1	5408451.7
L5570.0	505568.1	5408452.9	17402.59961	316.29	58.21	48.829030	-86.924132	55853.98	56244.5	5.46	55859.45	55898.50781	55764.17945	55763.53906	505568.1	5408452.9
L5570.0	505568.1	5408454.3	17402.69922	315.24	56.6	48.829043	-86.924132	55851.99	56244.5	5.46	55857.45	55896.53516	55756.35577	55755.65625	505568.1	5408454.3
L5570.0	505568.1	5408454.3	17402.80078	314.90	57.75	48.829043	-86.924132	55850.14	56244.5	5.46	55855.60	55894.71094	55749.86106	55749.11328	505568.1	5408454.3
L5570.0	505568.1	5408455.7	17402.90039	315.66	57.73	48.829055	-86.924132	55848.32	56244.5	5.45	55853.78	55892.92188	55741.78499	55740.99609	505568.1	5408455.7
L5570.0	505568.1	5408457.4	17403.00000	317.03	57.73	48.829070	-86.924133	55846.78	56244.6	5.45	55852.23	55891.39844	55737.63658	55736.81641	505568.1	5408457.4
L5570.0	505568.1	5408458.5	17403.09961	316.25	58.35	48.829080	-86.924133	55845.21	56244.5	5.45	55850.66	55889.85938	55730.48071	55729.63672	505568.1	5408458.5
L5570.0	505568.1	5408458.5	17403.19922	315.66	58.26	48.829080	-86.924133	55843.82	56244.5	5.45	55849.28	55888.50781	55725.16982	55724.31250	505568.1	5408458.5
L5570.0	505568.1	5408459.6	17403.30078	314.51	58.26	48.829090	-86.924133	55842.66	56244.5	5.45	55848.11	55887.36719	55722.10955	55721.24609	505568.1	5408459.6
L5570.0	505568.1	5408460.9	17403.40039	314.85	55.16	48.829102	-86.924133	55841.62	56244.5	5.45	55847.07	55886.35938	55719.30085	55718.44531	505568.1	5408460.9
L5570.0	505568.0	5408462.5	17403.50000	315.91	56.85	48.829116	-86.924133	55840.64	56244.5	5.46	55846.10	55885.41797	55715.18975	55714.34766	505568.0	5408462.5
L5570.0	505568.0	5408464.0	17403.59961	315.60	58.47	48.829130	-86.924133	55839.72	56244.5	5.46	55845.18	55884.52734	55709.19617	55708.37500	505568.0	5408464.0
L5570.0	505568.0	5408464.0	17403.69922	316.07	58.99	48.829130	-86.924133	55839.09	56244.5	5.46	55844.54	55883.91797	55706.80513	55706.01563	505568.0	5408464.0
L5570.0	505568.0	5408464.0	17403.80078	312.03	59.56	48.829130	-86.924133	55838.59	56244.5	5.46	55844.04	55883.44922	55704.57374	55703.82422	505568.0	5408464.0
L5570.0	505568.0	5408467.1	17403.90039	311.38	58.5	48.829157	-86.924134	55838.20	56244.5	5.46	55843.66	55883.10156	55701.95368	55701.25000	505568.0	5408467.1
L5570.0	505568.0	5408467.1	17404.00000	316.37	58.5	48.829157	-86.924134	55838.04	56244.5	5.46	55843.50	55882.97266	55701.30136	55700.65625	505568.0	5408467.1
L5570.0	505568.0	5408468.6	17404.09961	315.36	56.11	48.829171	-86.924134	55837.88	56244.5	5.46	55843.33	55882.83203	55697.04321	55696.46094	505568.0	5408468.6
L5570.0	505568.0	5408469.6	17404.19922	315.85	56.89	48.829181	-86.924134	55838.03	56244.5	5.46	55843.48	55883.01172	55697.07709	55696.57031	505568.0	5408469.6
L5570.0	505568.0	5408470.7	17404.30078	316.49	56.89	48.829190	-86.924134	55838.31	56244.5	5.45	55843.76	55883.32031	55696.79883	55696.37109	505568.0	5408470.7
L5570.0	505568.0	5408472.0	17404.40039	315.72	58.02	48.829201	-86.924134	55838.76	56244.5	5.45	55844.21	55883.79688	55697.14829	55696.80859	505568.0	5408472.0
L5570.0	505568.0	5408472.8	17404.50000	315.11	59.5	48.829209	-86.924134	55839.57	56244.6	5.45	55845.02	55884.63281	55702.59292	55702.35156	505568.0	5408472.8
L5570.0	505568.0	5408474.2	17404.59961	316.66	58.92	48.829221	-86.924134	55840.43	56244.6	5.45	55845.88	55885.51953	55705.82427	55705.68750	505568.0	5408474.2
L5570.0	505568.0	5408474.2	17404.69922	316.72	58.92	48.829221	-86.924134	55841.42	56244.6	5.45	55846.86	55886.52734	55708.55570	55708.53125	505568.0	5408474.2
L5570.0	505568.0	5408475.7	17404.80078	315.24	58.92	48.829235	-86.924134	55842.68	56244.6	5.44	55848.13	55887.82031	55714.73237	55714.82422	505568.0	5408475.7
L5570.0	505568.0	5408477.0	17404.90039	314.17	50.07	48.829247	-86.924134	55844.07	56244.6	5.44	55849.51	55889.22656	55720.21810	55720.43750	505568.0	5408477.0
L5570.0	505568.0	5408477.7	17405.00000	315.40	50.93	48.829253	-86.924134	55845.54	56244.6	5.44	55850.98	55890.71875	55724.67163	55725.02344	505568.0	5408477.7
L5570.0	505568.0	5408478.8	17405.09961	313.99	50.34	48.829263	-86.924134	55847.24	56244.6	5.44	55852.68	55892.44141	55731.35285	55731.84766	505568.0	5408478.8
L5570.0	505568.0	5408480.1	17405.19922	314.38	50.34	48.829274	-86.924134	55849.18	56244.6	5.45	55854.63	55894.41016	55740.75959	55741.39844	505568.0	5408480.1
L5570.0	505568.0	5408481.5	17405.30078	312.55	58.31	48.829287	-86.924133	55851.11	56244.6	5.45	55856.56	55896.35938	55747.00838	55747.80078	505568.0	5408481.5
L5570.0	505568.0	5408482.8	17405.40039	312.11	59.55	48.829299	-86.924133	55853.23	56244.5	5.45	55858.68	55898.49609	55754.88537	55755.83984	505568.0	5408482.8
L5570.0	505568.0	5408482.8	17405.50000	310.87	59.55	48.829299	-86.924133	55855.41	56244.5	5.46	55860.86	55900.69141	55761.68122	55762.80078	505568.0	5408482.8
L5570.0	505568.0	5408484.3	17405.59961	311.39	58.21	48.829312	-86.924133	55857.73	56244.5	5.46	55863.19	55903.03516	55769.50393	55770.79688	505568.0	5408484.3
L5570.0	505568.0	5408485.6	17405.69922	313.10	59.66	48.829324	-86.924133	55860.19	56244.5	5.46	55865.65	55905.50781	55778.06223	55779.53516	505568.0	5408485.6
L5570.0	505568.0	5408485.6	17405.80078	312.79	56.58	48.829324	-86.924133	55862.69	56244.5	5.46	55868.15	55908.01953	55785.61097	55787.26563	505568.0	5408485.6
L5570.0	505568.0	5408487.8	17405.90039	309.11	56.58	48.829344	-86.924133	55865.42	56244.5	5.47	55870.89	55910.76953	55796.52703	55798.37500	505568.0	5408487.8
L5570.0	505568.1	5408489.3	17406.00000	310.76	54.29	48.829358	-86.924133	55868.13	56244.5	5.47	55873.60	55913.48438	55805.32331	55807.36719	505568.1	5408489.3
L5570.0	505568.1	5408489.3	17406.09961	317.19	54.43	48.829358	-86.924133	55870.91	56244.5	5.47	55876.38	55916.26953	55814.29165	55816.53516	505568.1	5408489.3
L5570.0	505568.1	5408490.9	17406.19922	315.28	54.43	48.829372	-86.924133	55873.74	56244.5	5.47	55879.21	55919.10547	55823.21264	55825.66016	505568.1	5408490.9
L5570.0	505568.1	5408492.2	17406.30078	315.69	57.62	48.829384	-86.924132	55876.70	56244.5	5.46	55882.16	55922.05469	55833.70254	55836.36328	505568.1	5408492.2
L5570.0	505568.1	5408493.3	17406.40039	314.69	51.74	48.829394	-86.924132	55879.54	56244.5	5.46	55885.00	55924.89453	55841.27670	55844.15625	505568.1	5408493.3
L5570.0	505568.1	5408494.2	17406.50000	314.53	51.74	48.829401	-86.924132	55882.50	56244.5	5.46	55887.96	55927.85156	55850.80192	55853.90234	505568.1	5408494.2
L5570.0	505568.1	5408495.2	17406.59961	314.22	52.89	48.829411	-86.924132	55885.38	56244.5	5.46	55890.84	55930.72656	55858.43829	55861.76563	505568.1	5408495.2
L5570.0	505568.1	5408496.5	17406.69922	313.77	44.55	48.829423	-86.924132	55888.36	56244.5	5.46	55893.82	55933.69922	55867.99875	55871.55469	505568.1	5408496.5
L5570.0	505568.1	5408496.5	17406.80078	311.40	46.91	48.829423	-86.924132	55891.20	56244.5	5.45	55896.65	55936.51953	55874.67355	55878.46484	505568.1	5408496.5
L5570.0	505568.1	5408498.1	17406.90039	310.42	46.91	48.829436	-86.924132	55894.06	56244.5	5.45	55899.51	55939.36719	55882.24794	55886.27734	505568.1	5408498.1
L5570.0	505568.1	5408499.7	17407.00000	312.03	53.18	48.829451	-86.924132	55896.84	56244.6	5.45	55902.29	55942.13281	55888.70899	55892.98438	505568.1	5408499.7
L5570.0	505568.1	5408501.0	17407.09961	312.69	53.18	48.829462	-86.924132	55899.68	56244.6	5.45	55905.13	55944.95703	55897.01297	55901.53516	505568.1	5408501.0
L5570.0	505568.1	5408501.0	17407.19922	311.98	54.37	48.829462	-86.924132	55902.33	56244.6	5.45	55907.78	55947.58984	55902.36064	55907.13281	505568.1	5408501.0
L5570.0	505568.1	5408502.3	17407.30078	310.48	54.51	48.829474	-86.924132	55904.91	56244.6	5.45	55910.35	55950.13672	55907.09403	55912.12109	505568.1	5408502.3
L5570.0	505568.1	5408503.6	17407.40039	311.67	54.51	48.829485	-86.924132	55907.46	56244.6	5.45	55912.91	55952.67578	55912.75380	55918.03906	505568.1	5408503.6
L5570.0	505568.1	5408505.1	17407.50000	311.63	49.43	48.829499	-86.924131	55909.99	56244.6	5.44	55915.43	55955.16797	55918.89094	55924.43750	505568.1	5408505.1

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5570.0	505568.2	5408506.5	17407.59961	310.79	49.43	48.829512	-86.924131	55912.34	56244.6	5.44	55917.79	55957.50000	55923.24640	55929.05859	505568.2	5408506.5
L5570.0	505568.2	5408506.5	17407.69922	309.79	52.43	48.829512	-86.924131	55914.62	56244.6	5.44	55920.06	55959.73828	55927.33529	55933.41406	505568.2	5408506.5
L5570.0	505568.2	5408507.9	17407.80078	309.28	52.43	48.829524	-86.924131	55916.77	56244.6	5.44	55922.21	55961.85547	55930.66768	55937.01953	505568.2	5408507.9
L5570.0	505568.2	5408509.2	17407.90039	310.55	52.01	48.829536	-86.924130	55918.92	56244.6	5.44	55924.36	55963.97266	55935.77998	55942.40625	505568.2	5408509.2
L5570.0	505568.2	5408510.5	17408.00000	311.51	53.44	48.829548	-86.924130	55920.94	56244.6	5.44	55926.38	55965.95313	55940.14909	55947.05469	505568.2	5408510.5
L5570.0	505568.2	5408511.9	17408.09961	312.77	53.44	48.829560	-86.924130	55923.02	56244.6	5.44	55928.46	55967.99219	55947.76902	55954.95313	505568.2	5408511.9
L5570.0	505568.2	5408511.9	17408.19922	314.04	54.29	48.829560	-86.924130	55925.02	56244.6	5.44	55930.46	55969.94922	55955.89526	55963.35938	505568.2	5408511.9
L5570.0	505568.3	5408513.0	17408.30078	314.67	55.56	48.829570	-86.924130	55926.64	56244.6	5.44	55932.08	55971.52344	55958.32631	55966.07422	505568.3	5408513.0
L5570.0	505568.3	5408514.3	17408.40039	312.44	54.95	48.829582	-86.924129	55928.23	56244.6	5.44	55933.67	55973.06641	55962.37609	55970.41406	505568.3	5408514.3
L5570.0	505568.3	5408515.9	17408.50000	312.11	54.95	48.829597	-86.924129	55929.52	56244.6	5.44	55934.96	55974.30859	55962.37331	55970.69922	505568.3	5408515.9
L5570.0	505568.3	5408515.9	17408.59961	314.82	56.81	48.829597	-86.924129	55930.71	56244.6	5.45	55936.15	55975.44531	55962.55805	55971.17578	505568.3	5408515.9
L5570.0	505568.3	5408517.3	17408.69922	314.34	57.41	48.829609	-86.924129	55931.74	56244.6	5.45	55937.19	55976.43359	55961.88598	55970.79688	505568.3	5408517.3
L5570.0	505568.3	5408518.6	17408.80078	314.81	57.41	48.829620	-86.924129	55932.96	56244.6	5.45	55938.40	55977.58594	55967.36924	55976.57422	505568.3	5408518.6
L5570.0	505568.3	5408519.8	17408.90039	316.60	58.01	48.829631	-86.924128	55933.77	56244.6	5.45	55939.22	55978.34766	55966.82263	55976.32813	505568.3	5408519.8
L5570.0	505568.3	5408520.9	17409.00000	315.62	59.88	48.829642	-86.924128	55934.58	56244.6	5.45	55940.03	55979.09766	55968.55898	55978.36328	505568.3	5408520.9
L5570.0	505568.3	5408522.3	17409.09961	315.00	57.49	48.829654	-86.924128	55935.26	56244.6	5.45	55940.71	55979.71484	55969.94925	55980.05469	505568.3	5408522.3
L5570.0	505568.3	5408522.3	17409.19922	309.97	57.49	48.829654	-86.924128	55935.72	56244.6	5.44	55941.16	55980.09766	55968.75102	55979.16016	505568.3	5408522.3
L5570.0	505568.4	5408523.8	17409.30078	310.46	52.15	48.829667	-86.924128	55936.15	56244.6	5.44	55941.59	55980.46094	55969.64758	55980.35938	505568.4	5408523.8
L5570.0	505568.4	5408525.2	17409.40039	314.51	52.15	48.829680	-86.924128	55936.47	56244.6	5.44	55941.91	55980.71484	55970.62337	55981.64063	505568.4	5408525.2
L5570.0	505568.4	5408526.2	17409.50000	315.36	49.64	48.829689	-86.924128	55936.61	56244.6	5.43	55942.04	55980.77344	55969.86117	55981.18750	505568.4	5408526.2
L5570.0	505568.4	5408527.1	17409.59961	316.27	48.84	48.829697	-86.924128	55936.66	56244.6	5.43	55942.09	55980.75000	55969.81354	55981.44922	505568.4	5408527.1
L5570.0	505568.4	5408528.6	17409.69922	314.67	48.84	48.829711	-86.924128	55936.63	56244.6	5.43	55942.06	55980.64844	55970.45571	55982.40234	505568.4	5408528.6
L5570.0	505568.4	5408528.6	17409.80078	312.81	52.11	48.829711	-86.924128	55936.53	56244.6	5.43	55941.95	55980.46094	55971.75445	55984.01172	505568.4	5408528.6
L5570.0	505568.3	5408530.2	17409.90039	313.19	52.22	48.829725	-86.924128	55936.07	56244.6	5.42	55941.49	55979.92578	55967.63674	55980.20703	505568.3	5408530.2
L5570.0	505568.3	5408531.5	17410.00000	315.03	52.22	48.829737	-86.924128	55935.69	56244.6	5.42	55941.11	55979.46484	55967.69711	55980.58203	505568.3	5408531.5
L5570.0	505568.3	5408532.8	17410.09961	315.73	52.22	48.829748	-86.924129	55934.96	56244.6	5.42	55940.38	55978.65625	55962.32212	55975.51953	505568.3	5408532.8
L5570.0	505568.3	5408534.1	17410.19922	315.14	53	48.829760	-86.924129	55934.35	56244.6	5.42	55939.78	55977.97266	55962.13221	55975.64453	505568.3	5408534.1
L5570.0	505568.3	5408535.2	17410.30078	314.38	63.46	48.829770	-86.924129	55933.57	56244.6	5.43	55938.99	55977.10156	55959.99096	55973.82031	505568.3	5408535.2
L5570.0	505568.3	5408535.2	17410.40039	313.95	63.54	48.829770	-86.924129	55932.76	56244.6	5.43	55938.19	55976.21484	55959.80674	55973.95703	505568.3	5408535.2
L5570.0	505568.3	5408536.8	17410.50000	314.18	63.54	48.829784	-86.924129	55931.72	56244.6	5.43	55937.15	55975.08984	55956.51745	55970.98828	505568.3	5408536.8
L5570.0	505568.3	5408538.1	17410.59961	312.46	58.26	48.829797	-86.924129	55930.66	56244.6	5.43	55936.09	55973.94531	55954.86116	55969.65234	505568.3	5408538.1
L5570.0	505568.3	5408539.4	17410.69922	312.71	56.76	48.829808	-86.924129	55929.37	56244.6	5.43	55934.80	55972.56641	55950.26666	55965.37500	505568.3	5408539.4
L5570.0	505568.2	5408540.5	17410.80078	312.65	56.93	48.829818	-86.924129	55928.18	56244.6	5.44	55933.62	55971.30078	55949.94951	55965.38281	505568.2	5408540.5
L5570.0	505568.2	5408541.8	17410.90039	313.04	56.93	48.829830	-86.924129	55926.69	56244.6	5.44	55932.13	55969.71875	55944.91320	55960.66797	505568.2	5408541.8
L5570.0	505568.2	5408541.8	17411.00000	312.95	58.45	48.829830	-86.924129	55925.20	56244.6	5.44	55930.64	55968.14063	55941.68043	55957.76172	505568.2	5408541.8
L5570.0	505568.2	5408543.4	17411.09961	313.05	58.45	48.829844	-86.924130	55923.63	56244.6	5.44	55929.06	55966.47266	55938.27818	55954.68359	505568.2	5408543.4
L5570.0	505568.2	5408544.7	17411.19922	315.23	62.9	48.829855	-86.924130	55921.93	56244.6	5.43	55927.36	55964.67969	55934.01956	55950.75000	505568.2	5408544.7
L5570.0	505568.2	5408546.0	17411.30078	315.65	62.11	48.829867	-86.924130	55920.26	56244.6	5.43	55925.68	55962.91016	55931.73123	55948.78516	505568.2	5408546.0
L5570.0	505568.2	5408546.0	17411.40039	315.15	62.46	48.829867	-86.924130	55918.36	56244.6	5.42	55923.78	55960.91797	55926.38153	55943.76563	505568.2	5408546.0
L5570.0	505568.2	5408547.3	17411.50000	315.52	61.55	48.829879	-86.924130	55916.54	56244.6	5.42	55921.96	55959.00781	55924.06618	55941.77734	505568.2	5408547.3
L5570.0	505568.2	5408548.5	17411.59961	312.98	61.55	48.829890	-86.924130	55914.47	56244.6	5.41	55919.88	55956.83594	55917.73221	55935.77344	505568.2	5408548.5
L5570.0	505568.2	5408550.1	17411.69922	311.63	59.03	48.829905	-86.924130	55912.49	56244.6	5.40	55917.90	55954.76563	55914.65631	55933.02734	505568.2	5408550.1
L5570.0	505568.2	5408550.1	17411.80078	310.43	59.29	48.829905	-86.924130	55910.35	56244.6	5.40	55915.75	55952.52344	55909.23786	55927.93750	505568.2	5408550.1
L5570.0	505568.2	5408551.7	17411.90039	310.01	55.03	48.829919	-86.924130	55908.14	56244.6	5.39	55913.54	55950.22266	55903.62873	55922.66016	505568.2	5408551.7
L5570.0	505568.2	5408553.2	17412.00000	310.83	55.03	48.829932	-86.924130	55905.97	56244.6	5.39	55911.36	55947.95313	55899.55780	55918.92188	505568.2	5408553.2
L5570.0	505568.2	5408554.6	17412.09961	311.57	56.53	48.829944	-86.924130	55903.74	56244.6	5.39	55909.14	55945.64063	55895.50086	55915.19922	505568.2	5408554.6
L5570.0	505568.2	5408555.4	17412.19922	311.46	59.76	48.829952	-86.924130	55901.57	56244.6	5.40	55906.97	55943.38281	55893.17631	55913.20703	505568.2	5408555.4
L5570.0	505568.2	5408556.3	17412.30078	312.23	59.76	48.829960	-86.924130	55899.14	56244.6	5.40	55904.55	55940.87109	55886.39761	55906.76172	505568.2	5408556.3
L5570.0	505568.2	5408557.6	17412.40039	312.94	59.25	48.829972	-86.924130	55896.76	56244.6	5.41	55902.17	55938.40234	55880.92906	55901.62891	505568.2	5408557.6
L5570.0	505568.1	5408558.8	17412.50000	312.50	59.46	48.829983	-86.924131	55894.46	56244.6	5.42	55899.87	55936.01563	55877.46980	55898.50781	505568.1	5408558.8
L5570.0	505568.1	5408558.8	17412.59961	311.96	59.46	48.829983	-86.924131	55891.93	56244.6	5.42	55897.35	55933.41016	55869.82498	55891.19922	505568.1	5408558.8
L5570.0	505568.1	5408560.5	17412.69922	312.34	59.97	48.829998	-86.924131	55889.48	56244.6	5.43	55894.90	55930.87500	55863.75180	55885.46484	505568.1	5408560.5
L5570.0	505568.1	5408561.7	17412.80078	311.77	59.77	48.830009	-86.924131	55887.02	56244.6	5.43	55892.45	55928.33984	55857.70932	55879.76172	505568.1	5408561.7
L5570.0	505568.1	5408562.6	17412.90039	313.54	59.77	48.830017	-86.924131	55884.55	56244.6	5.44	55889.98	55925.78906	55851.16966	55873.56250	505568.1	5408562.6
L5570.0	505568.1	5408563.9	17413.00000	314.46	57.7	48.830029	-86.924131	55882.14	56244.6	5.44	55887.58	55923.30469	55845.82081	55868.55469	505568.1	5408563.9
L5570.0	505568.1	5408565.1	17413.09961	314.03	59.56	48.830040	-86.924131	55879.82	56244.6	5.44	55885.25	55920.89453	55841.51885	55864.59375	505568.1	5408565.1
L5570.0	505568.1	5408565.1	17413.19922	314.32	59.56	48.830040	-86.924131	55877.39	56244.6	5.44	55882.82	55918.38672	55834.68640	55858.10547	505568.1	5408565.1
L5570.0	505568.1	5408566.9	17413.30078	314.60	59.87	48.830055	-86.924131	55875.04	56244.6	5.43	55880.47	55915.96094	55828.80439	55852.56641	505568.1	5408566.9
L5570.0	505568.1	5408568.4	17413.40039	316.00	59.11	48.830069	-86.924132	55872.76	56244.6	5.43	55878.19	55913.60547	55823.52066	55847.62500	505568.1	5408568.4
L5570.0	505568.1	5408569.2	17413.50000	315.99	53.74	48.830076	-86.924132	55870.48	56244.6	5.43	55875.91	55911.25000	55817.28308	55841.73438	505568.1	5408569.2
L5570.0	505568.1	5408569.2	17413.59961	310.51	53.74	48.830076	-86.924132	55868.28	56244.6	5.43	55873.71	55908.98047	55811.55758	55836.35547	505568.1	5408569.2
L5570.0	505568.0	5408570.9	17413.69922	308.75	50.84	48.830092	-86.924132	55866.18	56244.6	5.43	55871.61	55906.80859	55806.60316	55831.74609	505568.0	5408570.9
L5570.0	505568.0	5408572.2	17413.80078	315.11	50.66	48.830103	-86.924132	55864.11	56244.6	5.42	55869.53	55904.66016	55800.67064	55826.16016	505568.0	5408572.2
L5570.0	505568.0	5408573.5	17413.90039	314.50	50.66	48.830115	-86.924132	55862.08	56244.6	5.42	55867.50	55902.56641	55794.22282	55820.06250	505568.0	5408573.5
L5570.0	505568.0	5408574.7	17414.00000	308.59	50.6	48.830125	-86.924132	55860.19	56244.6	5.42	55865.61	55900.61328	55788.93360	55815.12109	505568.0	5408574.7
L5570.0	505568.0	5408574.7	17414.09961	309.93	50.6	48.830125	-86.924132	55858.39	56244.6	5.42	55863.81	55898.75000	55783.66365	55810.20313	505568.0	5408574.7
L5570.0	505568.0	5408576.4	17414.19922	315.44	49.52	48.830141	-86.924132	55856.57	56244.6	5.42	55861.99	55896.87109	55776.05723	55802.94922	505568.0	5408576.4
L5570.0	505568.0	5408577.9	17414.30078	311.11	52.25	48.830154	-86.924132	55855.00	56244.6	5.42	55860.41	55895.23438	55771.23830	55798.48047	505568.0	5408577.9
L5570.0	505568.0	5408578.8	17414.40039	310.25	52.25	48.830162	-86.924132	55853.58	56244.6	5.42	55859.00	55893.76953	55767.67185	55795.26953	505568.0	5408578.8
L5570.0	505568.0	5408578.8	17414.50000	315.11	60.36	48.830162	-86.924132	55852.24	56244.6	5.42	55857.66	55892.37891	55763.21720	55791.16797	505568.0	5408578.8
L5570.0	505568.0	5408580.3	17414.59961	314.66	60.36	48.830176	-86.924132	55851.03	56244.6	5.41	55856.45	55891.12109	55758.98503	55787.29297	505568.0	5408580.3
L5570.0	505568.1	5408581.8	17414.69922	310.96	61.67	48.830189	-86.924132	55849.94	56244.6	5.41	55855.35	55889.97266	55754.47220	55783.13281	505568.1	5408581.8
L5570.0	505568.1	5408582.9	17414.80078	309.78	61.92	48.830199	-86.924131	55848.91	56244.6	5.41	55854.32	55888.89844	55748.76440	55777.78125	505568.1	5408582.9
L5570.0	505568.1	5408584.4	17414.90039	314.67	61.92	48.830213	-86.924131	55848.14	56244.6	5.41	55853.55	55888.08594	55745.70606	55775.08203	505568.1	5408584.4
L5570.0	505568.1	5408584.4	17415.00000	315.76	59.32	48.830213	-86.924131	55847.44	56244.6	5.41	55852.85	55887.34766	55741.31267	55771.04688	505568.1	5408584.4
L5570.0	505568.1	5408585.8	17415.09961	316.25	59.32	48.830225	-86.924131	55846.98	56244.6	5.41	55852.39	55886.85156	55739.06115	55769.15234	505568.1	5408585.8
L5570.0	505568.1	5408585.8	17415.19922	314.29	56.26	48.830225	-86.924131	55846.68	56244.6	5.41	55852.09	55886.51953	55737.25957	55767.71094	505568.1	5408585.8
L5570.0	505568.1	5408588.8	17415.30078	312.89	56.26	48.830252	-86.924131	55846.50	56244.6	5.41	55851.91	55886.30859	55735.04756	55765.85938	505568.1	5408588.8
L5570.0	505568.1	5408588.8	17415.40039	312.16	53.85	48.830252	-86.924131	55846.61	56244.6	5.41	55852.01	55886.38281	55735.82481	55766.99609	505568.1	5408588.8
L5570.0	505568.1	5408590.2	17415.50000	307.67	56.61	48.830265	-86.924131	55846.70	56244.6	5.40	55852.11	55886.45703	55733.65686	55765.19141	505568.1	5408590.2
L5570.0	505568.1	5408591.4	17415.59961	307.67	56.61	48.830276	-86.924131	55847.11	56244.6	5.40	55852.51	55886.83594	55734.99388	55766.89063	505568.1	5408591.4
L5570.0	505568.1	5408592.9	17415.69922	313.44	56.11	48.830289	-86.924131	55847.54	56244.6	5.40	55852.94	55887.24609	55734.06024	55766.32031	505568.1	5408592.9
L5570.0	505568.1	5408592.9	17415.80078	312.09	56.58	48.830289	-86.924131	55848.32	56244.6	5.40	55853.73	55888.01953	55738.06324	55770.68750	505568.1	5408592.9
L5570.0	505568.1	5408594.7	17415.90039	313.70	56.58	48.830306	-86.924130	55849.08	56244.6	5.40	55854.48	55888.75391	55738.35684	55771.34375	505568.1	5408594.7
L5570.0	505568.1	5408596.0	17416.00000	314.38	56.25	48.830318	-86.924130	55850.07	56244.6	5.40	55855.47	55889.73438	55741.10487	55774.45703	505568.1	5408596.0
L5570.0	505568.1	5408596.9	17416.09961	313.09	56.25	48.830326	-86.924130	55851.11	56244.6	5.40	55856.51	55890.76563	55742.18916	55775.90625	505568.1	5408596.9
L5570.0	505568.2	5408598.5	17416.19922	313.73	53.08	48.830339	-86.924130	55852.52	56244.6	5.40	55857.92	55892.17188	55748.74234	55782.82422	505568.2	5408598.5
L5570.0	505568.2	5408598.5	17416.30078	315.07	53.08	48.830339	-86.924130	55853.84	56244.6	5.40	55859.24	55893.49219	55750.65700	55785.10547	505568.2	5408598.5
L5570.0	505568.2	5408600.0	17416.40039	314.81	54.57	48.830353	-86.924130	55855.48	56244.6	5.40	55860.88	55895.12891	55757.13031	55791.94141	505568.2	5408600.0
L5570.0	505568.2	5408600.0	17416.50000	309.98	54.28	48.830353	-86.924130	55857.20	56244.6	5.40	55862.60	55896.85547	55762.94381	55798.12109	505568.2	5408600.0
L5570.0	505568.2	5408601.3	17416.59961	310.05	54.28	48.830364	-86.924130	55859.02	56244.6	5.40	55864.42	55898.67969	55768.66083	55804.20703	505568.2	5408601.3
L5570.0	505568.2	5408602.7	17416.69922	315.21	54.28	48.830378	-86.924130	55860.84	56244.6	5.40	55866.24	55900.50781	55772.14964	55808.06250	505568.2	5408602.7
L5570.0	505568.2	5408603.9	17416.80078	314.41	54.67	48.830388	-86.924130	55862.89	56244.6	5.40	55868.29	55902.57031	55778.73857	55815.01563	505568.2	5408603.9

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5570.0	505568.2	5408603.9	17416.90039	314.56	53.7	48.830388	-86.924130	55865.02	56244.6	5.40	55870.42	55904.71484	55785.19666	55821.83984	505568.2	5408603.9
L5570.0	505568.2	5408605.4	17417.00000	312.96	53.31	48.830402	-86.924130	55867.22	56244.6	5.40	55872.62	55906.93359	55791.44857	55828.45703	505568.2	5408605.4
L5570.0	505568.2	5408606.9	17417.09961	313.45	53.31	48.830415	-86.924130	55869.52	56244.6	5.40	55874.92	55909.25000	55798.33272	55835.71094	505568.2	5408606.9
L5570.0	505568.2	5408608.3	17417.19922	313.30	52.16	48.830427	-86.924130	55871.80	56244.6	5.40	55877.20	55911.55469	55803.26192	55841.00391	505568.2	5408608.3
L5570.0	505568.2	5408609.5	17417.30078	313.46	52.09	48.830439	-86.924130	55874.25	56244.6	5.40	55879.65	55914.02734	55810.73931	55848.84766	505568.2	5408609.5
L5570.0	505568.2	5408609.5	17417.40039	314.33	52.09	48.830439	-86.924130	55876.78	56244.6	5.40	55882.18	55916.58203	55818.86048	55857.33203	505568.2	5408609.5
L5570.0	505568.1	5408611.1	17417.50000	314.43	49.84	48.830453	-86.924130	55879.26	56244.6	5.40	55884.66	55919.08984	55824.78536	55863.62109	505568.1	5408611.1
L5570.0	505568.1	5408612.7	17417.59961	314.82	50.75	48.830467	-86.924130	55881.86	56244.6	5.40	55887.26	55921.72266	55832.57177	55871.77344	505568.1	5408612.7
L5570.0	505568.1	5408612.7	17417.69922	315.64	50.75	48.830467	-86.924130	55884.44	56244.6	5.40	55889.84	55924.33594	55839.14080	55878.70703	505568.1	5408612.7
L5570.0	505568.1	5408614.2	17417.80078	314.80	51.01	48.830481	-86.924130	55887.16	56244.6	5.40	55892.56	55927.08984	55848.32446	55888.25391	505568.1	5408614.2
L5570.0	505568.1	5408615.5	17417.90039	315.13	51.01	48.830492	-86.924130	55889.78	56244.6	5.40	55895.18	55929.74609	55854.72406	55895.01563	505568.1	5408615.5
L5570.0	505568.1	5408616.8	17418.00000	314.65	50.9	48.830504	-86.924130	55892.36	56244.6	5.40	55897.76	55932.36719	55859.85763	55900.50781	505568.1	5408616.8
L5570.0	505568.1	5408618.1	17418.09961	313.69	50.62	48.830516	-86.924130	55894.94	56244.6	5.40	55900.34	55934.98828	55864.77872	55905.79297	505568.1	5408618.1
L5570.0	505568.1	5408618.1	17418.19922	314.65	53.25	48.830516	-86.924130	55897.60	56244.6	5.40	55903.00	55937.68750	55871.45801	55912.83203	505568.1	5408618.1
L5570.0	505568.1	5408619.5	17418.30078	319.07	53.25	48.830528	-86.924130	55900.23	56244.6	5.40	55905.62	55940.35156	55877.24674	55918.97656	505568.1	5408619.5
L5570.0	505568.1	5408620.8	17418.40039	318.27	53.22	48.830540	-86.924130	55902.78	56244.6	5.40	55908.18	55942.95703	55881.79892	55923.88672	505568.1	5408620.8
L5570.0	505568.1	5408621.9	17418.50000	317.52	53.22	48.830550	-86.924130	55905.41	56244.6	5.39	55910.81	55945.63281	55888.20951	55930.65234	505568.1	5408621.9
L5570.0	505568.1	5408623.2	17418.59961	315.53	51.83	48.830562	-86.924130	55908.07	56244.6	5.39	55913.46	55948.33203	55895.42085	55938.21875	505568.1	5408623.2
L5570.0	505568.1	5408624.5	17418.69922	316.58	55.58	48.830574	-86.924130	55910.70	56244.6	5.39	55916.09	55951.01172	55902.60153	55945.75391	505568.1	5408624.5
L5570.0	505568.1	5408625.5	17418.80078	316.28	55.58	48.830582	-86.924130	55913.03	56244.6	5.39	55918.42	55953.39063	55903.42782	55946.92969	505568.1	5408625.5
L5570.0	505568.1	5408626.7	17418.90039	314.82	55.59	48.830593	-86.924131	55915.48	56244.6	5.39	55920.87	55955.89453	55907.59600	55951.44922	505568.1	5408626.7
L5570.0	505568.1	5408626.7	17419.00000	313.85	56.6	48.830593	-86.924131	55917.86	56244.6	5.39	55923.25	55958.32422	55910.82419	55955.02344	505568.1	5408626.7
L5570.0	505568.1	5408627.8	17419.09961	314.26	59.01	48.830603	-86.924131	55920.29	56244.6	5.39	55925.68	55960.80859	55915.90901	55960.45703	505568.1	5408627.8
L5570.0	505568.0	5408629.1	17419.19922	314.14	59.01	48.830615	-86.924131	55922.31	56244.6	5.39	55927.71	55962.89063	55912.66101	55957.55078	505568.0	5408629.1
L5570.0	505568.0	5408630.0	17419.30078	313.93	58.56	48.830623	-86.924131	55924.59	56244.6	5.40	55929.98	55965.21484	55915.69437	55960.92969	505568.0	5408630.0
L5570.0	505568.0	5408631.5	17419.40039	314.20	58.48	48.830637	-86.924131	55926.84	56244.6	5.40	55932.24	55967.52734	55919.35149	55964.92578	505568.0	5408631.5
L5570.0	505568.0	5408632.8	17419.50000	313.43	57.37	48.830648	-86.924132	55928.94	56244.6	5.40	55934.34	55969.68359	55920.25815	55966.17188	505568.0	5408632.8
L5570.0	505568.0	5408634.1	17419.59961	314.04	57.37	48.830660	-86.924132	55931.14	56244.6	5.40	55936.54	55971.93750	55924.34630	55970.59375	505568.0	5408634.1
L5570.0	505568.0	5408635.4	17419.69922	313.28	58.62	48.830672	-86.924132	55933.29	56244.6	5.40	55938.69	55974.14063	55928.23500	55974.81641	505568.0	5408635.4
L5570.0	505568.0	5408635.4	17419.80078	313.65	57.5	48.830672	-86.924132	55935.48	56244.6	5.41	55940.89	55976.39453	55934.22564	55981.13672	505568.0	5408635.4
L5570.0	505568.0	5408636.5	17419.90039	315.64	57.5	48.830681	-86.924132	55937.48	56244.6	5.41	55942.89	55978.44922	55936.63802	55983.87891	505568.0	5408636.5
L5570.0	505568.0	5408637.6	17420.00000	314.23	61.42	48.830691	-86.924132	55939.36	56244.6	5.41	55944.77	55980.38281	55937.28945	55984.85547	505568.0	5408637.6
L5570.0	505568.0	5408638.6	17420.09961	313.92	61.89	48.830700	-86.924131	55941.28	56244.6	5.41	55946.69	55982.35547	55939.84953	55987.73828	505568.0	5408638.6
L5570.0	505568.0	5408639.9	17420.19922	314.54	57.65	48.830712	-86.924131	55943.16	56244.6	5.41	55948.57	55984.28906	55942.49444	55990.70703	505568.0	5408639.9
L5570.0	505568.1	5408641.2	17420.30078	315.34	57.65	48.830724	-86.924131	55945.05	56244.6	5.41	55950.46	55986.23047	55946.38531	55994.91406	505568.1	5408641.2
L5570.0	505568.1	5408642.3	17420.40039	314.66	53.49	48.830734	-86.924130	55946.82	56244.6	5.41	55952.23	55988.05078	55948.50909	55997.35156	505568.1	5408642.3
L5570.0	505568.1	5408643.5	17420.50000	313.51	53.49	48.830745	-86.924130	55948.72	56244.6	5.41	55954.13	55990.00000	55954.68200	56003.83594	505568.1	5408643.5
L5570.0	505568.1	5408643.5	17420.59961	315.33	54.09	48.830745	-86.924130	55950.46	56244.6	5.41	55955.87	55991.78516	55958.14047	56007.60156	505568.1	5408643.5
L5570.0	505568.1	5408644.8	17420.69922	314.98	56.13	48.830756	-86.924129	55951.93	56244.6	5.41	55957.34	55993.30078	55956.25519	56006.02344	505568.1	5408644.8
L5570.0	505568.2	5408645.9	17420.80078	316.48	56.13	48.830766	-86.924129	55953.70	56244.6	5.41	55959.11	55995.11719	55962.42065	56012.48828	505568.2	5408645.9
L5570.0	505568.2	5408646.8	17420.90039	316.30	55.73	48.830774	-86.924129	55955.07	56244.6	5.41	55960.48	55996.53125	55960.12568	56010.49219	505568.2	5408646.8
L5570.0	505568.2	5408648.5	17421.00000	316.17	55.73	48.830790	-86.924128	55956.61	56244.6	5.41	55962.02	55998.11328	55962.81576	56013.47656	505568.2	5408648.5
L5570.0	505568.2	5408648.5	17421.09961	316.24	56.71	48.830790	-86.924128	55958.00	56244.6	5.41	55963.41	55999.54297	55962.90737	56013.85938	505568.2	5408648.5
L5570.0	505568.2	5408650.1	17421.19922	316.28	56.71	48.830803	-86.924128	55959.37	56244.6	5.41	55964.78	56000.94922	55963.46745	56014.70703	505568.2	5408650.1
L5570.0	505568.3	5408651.9	17421.30078	315.78	60.79	48.830820	-86.924128	55960.73	56244.6	5.41	55966.14	56002.34375	55964.72146	56016.24219	505568.3	5408651.9
L5570.0	505568.3	5408653.0	17421.40039	317.09	60.79	48.830830	-86.924127	55962.05	56244.6	5.41	55967.46	56003.69922	55965.94273	56017.74609	505568.3	5408653.0
L5570.0	505568.3	5408653.0	17421.50000	316.85	62.05	48.830830	-86.924127	55963.36	56244.6	5.41	55968.77	56005.03906	55967.82618	56019.90625	505568.3	5408653.0
L5570.0	505568.3	5408654.2	17421.59961	316.99	63.12	48.830841	-86.924127	55964.68	56244.6	5.41	55970.09	56006.38672	55970.82279	56023.17188	505568.3	5408654.2
L5570.0	505568.3	5408655.7	17421.69922	316.08	64.47	48.830855	-86.924127	55965.94	56244.6	5.41	55971.35	56007.67188	55973.25740	56025.87500	505568.3	5408655.7
L5570.0	505568.3	5408657.1	17421.80078	313.51	64.47	48.830866	-86.924127	55967.21	56244.6	5.41	55972.62	56008.96484	55976.75563	56029.63672	505568.3	5408657.1
L5570.0	505568.3	5408658.2	17421.90039	311.92	59.52	48.830877	-86.924127	55968.27	56244.6	5.41	55973.68	56010.04297	55976.15718	56029.30078	505568.3	5408658.2
L5570.0	505568.3	5408659.0	17422.00000	314.56	59.52	48.830884	-86.924127	55969.41	56244.6	5.41	55974.82	56011.20313	55978.22676	56031.62500	505568.3	5408659.0
L5570.0	505568.3	5408660.2	17422.09961	314.41	58.49	48.830894	-86.924127	55970.39	56244.6	5.41	55975.81	56012.20313	55977.61060	56031.25781	505568.3	5408660.2
L5570.0	505568.3	5408661.3	17422.19922	314.78	59.4	48.830904	-86.924127	55971.36	56244.6	5.41	55976.77	56013.17578	55977.08807	56030.98438	505568.3	5408661.3
L5570.0	505568.3	5408661.3	17422.30078	313.71	60.93	48.830904	-86.924127	55972.37	56244.6	5.41	55977.78	56014.19141	55978.45404	56032.59375	505568.3	5408661.3
L5570.0	505568.2	5408663.4	17422.40039	314.00	57.9	48.830924	-86.924128	55973.33	56244.6	5.41	55978.74	56015.15625	55979.40203	56033.77734	505568.2	5408663.4
L5570.0	505568.2	5408664.7	17422.50000	315.20	57.9	48.830935	-86.924128	55974.21	56244.6	5.41	55979.63	56016.04297	55979.47751	56034.08594	505568.2	5408664.7
L5570.0	505568.2	5408665.7	17422.59961	314.92	57.9	48.830944	-86.924128	55975.02	56244.6	5.41	55980.43	56016.83984	55978.23599	56033.07422	505568.2	5408665.7
L5570.0	505568.2	5408667.4	17422.69922	314.58	62.66	48.830960	-86.924128	55976.04	56244.6	5.41	55981.45	56017.85156	55982.52259	56037.58594	505568.2	5408667.4
L5570.0	505568.2	5408667.4	17422.80078	313.44	61.25	48.830960	-86.924128	55976.79	56244.6	5.41	55982.20	56018.58984	55981.47354	56036.75391	505568.2	5408667.4
L5570.0	505568.2	5408669.1	17422.90039	313.09	61.25	48.830975	-86.924129	55977.45	56244.6	5.41	55982.86	56019.23438	55979.08051	56034.57813	505568.2	5408669.1
L5570.0	505568.1	5408670.3	17423.00000	312.48	68.61	48.830986	-86.924129	55978.21	56244.6	5.41	55983.63	56019.98438	55979.69777	56035.40625	505568.1	5408670.3
L5570.0	505568.1	5408670.3	17423.09961	311.87	67.56	48.830986	-86.924129	55978.97	56244.6	5.41	55984.38	56020.71094	55980.45072	56036.36328	505568.1	5408670.3
L5570.0	505568.1	5408671.6	17423.19922	311.20	67.56	48.830997	-86.924129	55979.58	56244.6	5.41	55984.98	56021.28125	55978.49240	56034.60547	505568.1	5408671.6
L5570.0	505568.1	5408673.1	17423.30078	310.72	66.18	48.831011	-86.924129	55980.41	56244.6	5.40	55985.82	56022.08984	55982.29415	56038.60156	505568.1	5408673.1
L5570.0	505568.1	5408674.4	17423.40039	311.93	61.1	48.831023	-86.924129	55981.04	56244.6	5.40	55986.45	56022.67969	55982.04527	56038.54297	505568.1	5408674.4
L5570.0	505568.1	5408674.4	17423.50000	312.74	61.1	48.831023	-86.924129	55981.95	56244.6	5.40	55987.35	56023.53906	55988.19855	56044.88281	505568.1	5408674.4
L5570.0	505568.2	5408676.0	17423.59961	314.20	61.49	48.831037	-86.924129	55982.76	56244.6	5.40	55988.16	56024.30469	55992.90830	56049.77734	505568.2	5408676.0
L5570.0	505568.2	5408677.3	17423.69922	313.60	61.49	48.831048	-86.924129	55983.27	56244.6	5.40	55988.67	56024.76172	55991.53297	56048.57422	505568.2	5408677.3
L5570.0	505568.2	5408677.3	17423.80078	313.47	62.87	48.831048	-86.924129	55983.75	56244.6	5.39	55989.15	56025.18750	55989.94851	56047.16016	505568.2	5408677.3
L5570.0	505568.2	5408678.8	17423.90039	316.02	62.87	48.831062	-86.924128	55984.20	56244.6	5.39	55989.60	56025.57422	55988.13203	56045.51172	505568.2	5408678.8
L5570.0	505568.2	5408680.4	17424.00000	316.25	65.16	48.831076	-86.924128	55984.56	56244.6	5.39	55989.95	56025.85938	55984.49339	56042.03516	505568.2	5408680.4
L5570.0	505568.3	5408681.6	17424.09961	316.84	68.65	48.831087	-86.924127	55985.07	56244.6	5.39	55990.45	56026.28906	55984.61755	56042.31641	505568.3	5408681.6
L5570.0	505568.3	5408682.9	17424.19922	316.05	68.65	48.831099	-86.924127	55985.55	56244.6	5.38	55990.93	56026.69531	55984.70768	56042.55469	505568.3	5408682.9
L5570.0	505568.3	5408682.9	17424.30078	313.85	69.92	48.831099	-86.924127	55986.26	56244.6	5.38	55991.64	56027.32422	55990.46636	56048.46094	505568.3	5408682.9
L5570.0	505568.4	5408684.2	17424.40039	315.21	69.92	48.831111	-86.924126	55986.64	56244.6	5.38	55992.01	56027.60938	55988.88023	56047.01563	505568.4	5408684.2
L5570.0	505568.4	5408685.5	17424.50000	316.42	70.58	48.831122	-86.924125	55987.14	56244.6	5.38	55992.52	56028.03125	55990.90654	56049.17969	505568.4	5408685.5
L5570.0	505568.4	5408686.9	17424.59961	314.96	74.82	48.831134	-86.924125	55987.46	56244.6	5.37	55992.84	56028.25391	55988.91998	56047.32422	505568.4	5408686.9
L5570.0	505568.4	5408686.9	17424.69922	313.34	75.51	48.831134	-86.924125	55987.85	56244.6	5.37	55993.22	56028.53516	55988.69341	56047.22266	505568.4	5408686.9
L5570.0	505568.5	5408688.6	17424.80078	312.44	75.51	48.831150	-86.924124	55988.08	56244.6	5.37	55993.44	56028.64844	55985.08579	56043.73438	505568.5	5408688.6
L5570.0	505568.5	5408689.9	17424.90039	312.28	69.9	48.831162	-86.924124	55988.64	56244.6	5.36	55994.00	56029.09766	55989.81377	56048.57813	505568.5	5408689.9
L5570.0	505568.6	5408691.2	17425.00000	314.52	71.08	48.831173	-86.924123	55988.98	56244.6	5.36	55994.34	56029.32422	55989.74049	56048.61719	505568.6	5408691.2
L5570.0	505568.6	5408692.5	17425.09961	315.38	73.47	48.831185	-86.924123	55989.54	56244.6	5.36	55994.90	56029.76172	55995.18424	56054.16797	505568.6	5408692.5
L5570.0	505568.6	5408693.4	17425.19922	316.88	71.86	48.831193	-86.924122	55989.85	56244.6	5.36	55995.21	56029.94922	55995.08664	56054.17188	505568.6	5408693.4
L5570.0	505568.6	5408693.4	17425.30078	316.11	71.86	48.831193	-86.924122	55990.28	56244.6	5.36	55995.64	56030.24609	55998.12298	56057.30469	505568.6	5408693.4
L5570.0	505568.6	5408694.5	17425.40039	314.77	66.96	48.831203	-86.924122	55990.38	56244.6	5.36	55995.74	56030.21094	55993.76480	56053.03516	505568.6	5408694.5
L5570.0	505568.7	5408696.7	17425.50000	315.36	75.14	48.831223	-86.924122	55990.25	56244.6	5.36	55995.61	56029.94141	55984.41347	56043.77344	505568.7	5408696.7
L5570.0	505568.7	5408696.7	17425.59961	316.63	70.32	48.831223	-86.924122	55990.25	56244.6	5.36	55995.61	56029.79297	55978.45977	56037.90234	505568.7	5408696.7
L5570.0	505568.7	5408698.0	17425.69922	316.29	70.32	48.831235	-86.924122	55990.73	56244.6	5.36	55996.09	56030.12500	55983.89820	56043.41406	505568.7	5408698.0
L5570.0	505568.7	5408699.2	17425.80078	314.17	70.97	48.831245	-86.924121	55991.34	56244.6	5.36	55996.70	56030.57813	55992.53658	56052.12500	505568.7	5408699.2
L5570.0	505568.7	5408700.2	17425.90039	314.50	75.17	48.831255	-86.924121	55991.62	56244.6	5.36	55996.98	56030.69531	55993.86053	56053.51953	505568.7	5408700.2
L5570.0	505568.7	5408701.6	17426.00000	314.74	75.17	48.831267	-86.924121	55991.87	56244.6	5.36	55997.23	56030.78125	55994.76188	56054.48438	505568.7	5408701.6
L5570.0	505568.7	5408703.1	17426.09961	315.26	79.46	48.831281	-86.924121	55992.05	56244.6	5.36	55997.41	56030.78906	55994.34489	56054.12500	505568.7	5408703.1

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5570.0	505568.7	5408704.5	17426.19922	315.10	79.65	48.831293	-86.924121	55992.38	56244.6	5.36	55997.74	56030.94531	55997.52676	56057.35938	505568.7	5408704.5
L5570.0	505568.7	5408705.4	17426.30078	314.47	80.12	48.831301	-86.924121	55992.45	56244.6	5.36	55997.81	56030.83594	55995.16002	56055.04297	505568.7	5408705.4
L5570.0	505568.7	5408705.4	17426.40039	312.44	79.51	48.831301	-86.924121	55992.68	56244.6	5.36	55998.04	56030.87891	55996.57878	56056.50781	505568.7	5408705.4
L5570.0	505568.7	5408706.7	17426.50000	311.97	79.51	48.831313	-86.924121	55992.71	56244.6	5.37	55998.07	56030.71875	55993.83426	56053.80469	505568.7	5408706.7
L5570.0	505568.7	5408706.7	17426.59961	311.77	66.81	48.831313	-86.924121	55992.66	56244.6	5.37	55998.02	56030.47656	55989.59719	56049.60156	505568.7	5408706.7
L5570.0	505568.7	5408708.7	17426.69922	310.65	66.81	48.831331	-86.924121	55992.68	56244.6	5.37	55998.05	56030.30859	55987.34312	56047.37891	505568.7	5408708.7
L5570.0	505568.7	5408709.8	17426.80078	310.95	77.33	48.831340	-86.924121	55992.83	56244.6	5.37	55998.20	56030.25391	55987.89688	56047.96094	505568.7	5408709.8
L5570.0	505568.7	5408710.8	17426.90039	313.22	76.68	48.831350	-86.924121	55992.98	56244.6	5.37	55998.35	56030.19922	55988.63764	56048.72656	505568.7	5408710.8
L5570.0	505568.7	5408712.0	17427.00000	315.39	76.64	48.831361	-86.924121	55993.48	56244.6	5.37	55998.85	56030.48438	55997.06896	56057.17969	505568.7	5408712.0
L5570.0	505568.7	5408713.3	17427.09961	315.70	76.64	48.831373	-86.924121	55993.44	56244.6	5.37	55998.81	56030.23047	55994.07827	56054.20313	505568.7	5408713.3
L5570.0	505568.7	5408714.6	17427.19922	315.36	78.5	48.831384	-86.924121	55993.67	56244.6	5.37	55999.04	56030.23828	55997.04717	56057.18359	505568.7	5408714.6
L5570.0	505568.7	5408714.6	17427.30078	314.68	80.1	48.831384	-86.924121	55993.59	56244.6	5.37	55998.97	56029.94531	55993.76202	56053.90625	505568.7	5408714.6
L5570.0	505568.7	5408717.3	17427.40039	313.34	80.1	48.831408	-86.924121	55993.62	56244.6	5.37	55999.00	56029.75000	55992.77737	56052.92578	505568.7	5408717.3
L5570.0	505568.7	5408717.3	17427.50000	312.50	81.85	48.831408	-86.924121	55993.46	56244.6	5.38	55998.84	56029.35547	55987.87623	56048.02734	505568.7	5408717.3
L5570.0	505568.7	5408718.6	17427.59961	313.50	81.85	48.831420	-86.924121	55993.79	56244.6	5.38	55999.17	56029.45313	55993.61762	56053.76563	505568.7	5408718.6
L5570.0	505568.7	5408720.4	17427.69922	312.97	82.75	48.831436	-86.924121	55993.64	56244.6	5.38	55999.02	56029.06250	55989.20945	56049.35156	505568.7	5408720.4
L5570.0	505568.7	5408721.9	17427.80078	312.49	82.74	48.831450	-86.924121	55993.82	56244.6	5.38	55999.20	56029.00000	55992.02185	56052.15234	505568.7	5408721.9
L5570.0	505568.7	5408721.9	17427.90039	313.67	80.76	48.831450	-86.924121	55993.77	56244.6	5.38	55999.15	56028.70703	55990.01842	56050.13672	505568.7	5408721.9
L5570.0	505568.7	5408723.0	17428.00000	313.64	81.03	48.831460	-86.924120	55993.92	56244.6	5.38	55999.30	56028.60938	55992.45499	56052.55859	505568.7	5408723.0
L5570.0	505568.7	5408724.4	17428.09961	314.54	81.03	48.831472	-86.924120	55993.72	56244.6	5.38	55999.10	56028.15625	55987.44327	56047.52734	505568.7	5408724.4
L5570.0	505568.7	5408725.5	17428.19922	314.80	75.68	48.831482	-86.924120	55994.02	56244.6	5.38	55999.40	56028.20313	55993.38549	56053.44531	505568.7	5408725.5
L5570.0	505568.7	5408726.5	17428.30078	313.51	75.68	48.831491	-86.924120	55993.87	56244.6	5.38	55999.24	56027.78516	55989.45553	56049.48828	505568.7	5408726.5
L5570.0	505568.7	5408726.5	17428.40039	312.49	76.92	48.831491	-86.924120	55993.94	56244.6	5.38	55999.32	56027.60547	55990.85763	56050.86328	505568.7	5408726.5
L5570.0	505568.7	5408728.0	17428.50000	313.27	83.44	48.831505	-86.924120	55993.87	56244.6	5.38	55999.25	56027.27344	55989.09201	56049.06641	505568.7	5408728.0
L5570.0	505568.7	5408729.5	17428.59961	311.06	77.41	48.831518	-86.924120	55994.07	56244.6	5.37	55999.44	56027.19531	55993.12901	56053.07031	505568.7	5408729.5
L5570.0	505568.7	5408729.5	17428.69922	311.15	77.41	48.831518	-86.924120	55993.97	56244.6	5.37	55999.34	56026.82813	55990.90904	56050.81250	505568.7	5408729.5
L5570.0	505568.7	5408731.2	17428.80078	311.20	84.83	48.831533	-86.924121	55993.99	56244.6	5.37	55999.36	56026.57813	55991.42422	56051.28906	505568.7	5408731.2
L5570.0	505568.7	5408732.2	17428.90039	312.68	84.83	48.831543	-86.924121	55993.97	56244.6	5.37	55999.34	56026.28906	55991.15536	56050.97656	505568.7	5408732.2
L5570.0	505568.7	5408733.3	17429.00000	314.03	84.78	48.831553	-86.924121	55993.89	56244.6	5.37	55999.26	56025.93750	55989.65219	56049.42969	505568.7	5408733.3
L5570.0	505568.6	5408734.6	17429.09961	314.16	84.78	48.831564	-86.924121	55993.79	56244.6	5.37	55999.16	56025.56250	55987.79198	56047.52344	505568.6	5408734.6
L5570.0	505568.6	5408736.2	17429.19922	315.23	82.73	48.831578	-86.924122	55993.85	56244.6	5.36	55999.21	56025.33594	55989.35129	56049.03125	505568.6	5408736.2
L5570.0	505568.6	5408736.2	17429.30078	314.75	83.32	48.831578	-86.924122	55993.94	56244.6	5.36	55999.30	56025.14844	55991.89984	56051.53125	505568.6	5408736.2
L5570.0	505568.6	5408737.5	17429.40039	316.51	83.32	48.831590	-86.924122	55994.05	56244.6	5.35	55999.40	56024.96875	55994.77322	56054.35156	505568.6	5408737.5
L5570.0	505568.6	5408738.8	17429.50000	313.90	86.89	48.831602	-86.924123	55993.94	56244.6	5.35	55999.29	56024.57813	55993.04312	56052.56641	505568.6	5408738.8
L5570.0	505568.5	5408739.7	17429.59961	314.21	87.41	48.831610	-86.924123	55993.84	56244.7	5.35	55999.19	56024.19922	55991.61519	56051.08203	505568.5	5408739.7
L5570.0	505568.5	5408741.0	17429.69922	313.32	87.41	48.831622	-86.924123	55993.72	56244.7	5.34	55999.06	56023.78516	55989.58835	56048.99609	505568.5	5408741.0
L5570.0	505568.5	5408742.3	17429.80078	313.74	87.43	48.831633	-86.924123	55993.59	56244.7	5.34	55998.93	56023.37500	55987.63366	56046.98047	505568.5	5408742.3
L5570.0	505568.5	5408743.6	17429.90039	313.24	87.43	48.831645	-86.924124	55993.44	56244.7	5.33	55998.77	56022.93359	55985.06906	56044.35547	505568.5	5408743.6
L5570.0	505568.5	5408743.6	17430.00000	309.77	88.86	48.831645	-86.924124	55993.48	56244.7	5.33	55998.81	56022.69141	55987.12406	56046.34766	505568.5	5408743.6
L5570.0	505568.4	5408745.0	17430.09961	310.71	88.86	48.831657	-86.924124	55993.44	56244.7	5.33	55998.77	56022.36719	55987.44843	56046.60938	505568.4	5408745.0
L5570.0	505568.4	5408746.9	17430.19922	314.48	88.57	48.831674	-86.924125	55993.39	56244.7	5.33	55998.72	56022.03516	55987.62862	56046.72266	505568.4	5408746.9
L5570.0	505568.4	5408748.0	17430.30078	314.33	88.57	48.831684	-86.924125	55993.36	56244.7	5.34	55998.70	56021.73438	55988.58528	56047.60938	505568.4	5408748.0
L5570.0	505568.4	5408748.0	17430.40039	315.36	90.36	48.831684	-86.924125	55993.36	56244.7	5.34	55998.70	56021.45313	55990.09736	56049.05469	505568.4	5408748.0
L5570.0	505568.3	5408749.3	17430.50000	313.75	81.53	48.831696	-86.924125	55993.36	56244.7	5.34	55998.70	56021.17188	55991.70704	56050.59766	505568.3	5408749.3
L5570.0	505568.3	5408750.6	17430.59961	313.79	81.53	48.831708	-86.924126	55993.18	56244.7	5.34	55998.53	56020.71875	55989.44666	56048.26563	505568.3	5408750.6
L5570.0	505568.3	5408752.6	17430.69922	314.26	91.11	48.831726	-86.924126	55993.16	56244.7	5.34	55998.50	56020.41016	55990.53535	56049.28516	505568.3	5408752.6
L5570.0	505568.3	5408752.6	17430.80078	315.17	91.11	48.831726	-86.924126	55992.96	56244.7	5.35	55998.30	56019.93359	55987.72430	56046.40234	505568.3	5408752.6
L5570.0	505568.3	5408754.1	17430.90039	316.38	92.37	48.831739	-86.924126	55992.81	56244.7	5.35	55998.15	56019.50391	55986.16514	56044.76953	505568.3	5408754.1
L5570.0	505568.3	5408755.4	17431.00000	314.94	92.37	48.831751	-86.924126	55992.71	56244.7	5.35	55998.06	56019.14063	55986.10454	56044.63672	505568.3	5408755.4
L5570.0	505568.2	5408756.9	17431.09961	315.90	92.5	48.831765	-86.924127	55992.66	56244.7	5.35	55998.00	56018.80469	55986.84079	56045.30078	505568.2	5408756.9
L5570.0	505568.2	5408756.9	17431.19922	316.69	90.7	48.831765	-86.924127	55992.48	56244.7	5.35	55997.82	56018.35547	55984.84341	56043.23047	505568.2	5408756.9
L5570.0	505568.2	5408758.7	17431.30078	317.85	90.7	48.831781	-86.924127	55992.56	56244.7	5.34	55997.90	56018.16406	55989.04481	56047.35547	505568.2	5408758.7
L5570.0	505568.2	5408760.0	17431.40039	315.24	89.75	48.831792	-86.924127	55992.48	56244.7	5.34	55997.82	56017.81641	55989.56560	56047.80469	505568.2	5408760.0
L5570.0	505568.2	5408760.0	17431.50000	315.84	89.75	48.831792	-86.924127	55992.36	56244.7	5.34	55997.70	56017.42969	55989.23599	56047.39844	505568.2	5408760.0
L5570.0	505568.1	5408761.5	17431.59961	316.45	83.06	48.831806	-86.924128	55992.13	56244.7	5.34	55997.46	56016.92578	55986.23131	56044.32031	505568.1	5408761.5
L5570.0	505568.1	5408763.0	17431.69922	315.86	81.14	48.831820	-86.924128	55992.05	56244.7	5.34	55997.38	56016.58594	55987.00875	56045.02734	505568.1	5408763.0
L5570.0	505568.1	5408763.0	17431.80078	316.24	81.14	48.831820	-86.924128	55991.95	56244.7	5.33	55997.28	56016.23047	55987.39718	56045.33984	505568.1	5408763.0
L5570.0	505568.1	5408764.6	17431.90039	317.12	81.14	48.831834	-86.924129	55991.79	56244.7	5.33	55997.13	56015.82422	55986.73619	56044.60547	505568.1	5408764.6
L5570.0	505568.0	5408766.1	17432.00000	316.05	83.23	48.831848	-86.924129	55991.67	56244.7	5.33	55997.00	56015.44141	55986.59931	56044.39453	505568.0	5408766.1
L5570.0	505568.0	5408767.8	17432.09961	312.45	84.67	48.831863	-86.924129	55991.57	56244.7	5.33	55996.89	56015.08203	55986.96104	56044.68359	505568.0	5408767.8
L5570.0	505568.0	5408769.2	17432.19922	311.19	84.67	48.831875	-86.924130	55991.44	56244.7	5.33	55996.76	56014.70703	55986.94104	56044.59375	505568.0	5408769.2
L5570.0	505568.0	5408769.2	17432.30078	310.45	87.77	48.831875	-86.924130	55991.32	56244.7	5.32	55996.64	56014.34766	55987.17928	56044.75781	505568.0	5408769.2
L5570.0	505568.0	5408770.7	17432.40039	311.06	87.77	48.831889	-86.924130	55991.19	56244.7	5.32	55996.51	56013.97656	55987.24503	56044.75391	505568.0	5408770.7
L5570.0	505568.0	5408770.7	17432.50000	311.69	88.12	48.831889	-86.924130	55991.04	56244.7	5.32	55996.36	56013.59375	55986.93460	56044.37109	505568.0	5408770.7
L5570.0	505568.0	5408772.4	17432.59961	313.63	88.12	48.831904	-86.924130	55990.91	56244.7	5.32	55996.22	56013.22266	55986.86604	56044.23438	505568.0	5408772.4
L5570.0	505568.0	5408774.0	17432.69922	313.49	90.45	48.831918	-86.924130	55990.71	56244.7	5.32	55996.02	56012.79688	55985.61681	56042.91797	505568.0	5408774.0
L5570.0	505567.9	5408775.5	17432.80078	309.73	90.45	48.831932	-86.924130	55990.58	56244.7	5.31	55995.89	56012.44531	55985.81268	56043.04297	505567.9	5408775.5
L5570.0	505567.9	5408775.5	17432.90039	309.24	88.84	48.831932	-86.924130	55990.45	56244.7	5.31	55995.76	56012.09766	55986.02977	56043.19531	505567.9	5408775.5
L5570.0	505567.9	5408776.8	17433.00000	310.64	88.84	48.831944	-86.924130	55990.25	56244.7	5.31	55995.56	56011.68359	55984.87370	56041.97266	505567.9	5408776.8
L5570.0	505567.9	5408778.9	17433.09961	310.75	92.14	48.831963	-86.924131	55990.13	56244.7	5.31	55995.43	56011.34766	55985.14083	56042.17578	505567.9	5408778.9
L5570.0	505567.9	5408780.0	17433.19922	308.05	92.14	48.831973	-86.924131	55989.92	56244.7	5.31	55995.23	56010.94141	55984.03381	56041.00391	505567.9	5408780.0
L5570.0	505567.9	5408780.0	17433.30078	308.74	94.14	48.831973	-86.924131	55989.85	56244.7	5.31	55995.15	56010.66406	55985.36176	56042.26953	505567.9	5408780.0
L5570.0	505567.9	5408781.3	17433.40039	313.41	93.44	48.831984	-86.924131	55989.80	56244.7	5.31	55995.10	56010.42188	55987.34661	56044.19531	505567.9	5408781.3
L5570.0	505567.9	5408782.6	17433.50000	309.38	93.44	48.831996	-86.924131	55989.64	56244.7	5.31	55994.95	56010.08203	55987.36017	56044.14844	505567.9	5408782.6
L5570.0	505567.9	5408782.6	17433.59961	309.25	92.87	48.831996	-86.924131	55989.37	56244.7	5.30	55994.67	56009.61719	55984.74349	56041.47656	505567.9	5408782.6
L5570.0	505567.9	5408784.4	17433.69922	313.38	85.04	48.832012	-86.924131	55989.34	56244.7	5.30	55994.65	56009.42188	55987.53051	56044.20313	505567.9	5408784.4
L5570.0	505567.9	5408784.4	17433.80078	314.38	85.04	48.832012	-86.924131	55989.12	56244.7	5.30	55994.42	56009.01563	55986.01727	56042.63672	505567.9	5408784.4
L5570.0	505567.9	5408785.9	17433.90039	314.65	89.93	48.832026	-86.924131	55988.86	56244.7	5.30	55994.16	56008.58984	55983.89288	56040.45703	505567.9	5408785.9
L5570.0	505567.9	5408787.0	17434.00000	315.81	89.93	48.832036	-86.924131	55988.61	56244.7	5.30	55993.91	56008.17969	55981.99811	56038.51172	505567.9	5408787.0
L5570.0	505567.9	5408788.3	17434.09961	313.72	95.17	48.832047	-86.924131	55988.46	56244.7	5.30	55993.76	56007.87500	55982.29356	56038.75781	505567.9	5408788.3
L5570.0	505567.9	5408789.8	17434.19922	313.26	95.17	48.832061	-86.924131	55988.25	56244.7	5.30	55993.55	56007.51563	55981.35054	56037.76563	505567.9	5408789.8
L5570.0	505567.9	5408789.8	17434.30078	315.41	96.14	48.832061	-86.924131	55988.13	56244.7	5.30	55993.43	56007.25000	55982.44814	56038.81641	505567.9	5408789.8
L5570.0	505567.9	5408791.3	17434.40039	316.47	95.23	48.832074	-86.924130	55987.88	56244.7	5.30	55993.18	56006.86328	55980.74511	56037.06641	505567.9	5408791.3
L5570.0	505567.9	5408792.6	17434.50000	316.23	95.23	48.832086	-86.924130	55987.72	56244.7	5.30	55993.02	56006.57031	55981.10868	56037.38672	505567.9	5408792.6
L5570.0	505568.0	5408794.0	17434.59961	317.11	92.85	48.832098	-86.924130	55987.55	56244.7	5.30	55992.85	56006.27734	55981.32765	56037.56641	505568.0	5408794.0
L5570.0	505568.0	5408794.0	17434.69922	315.39	92.85	48.832098	-86.924130	55987.42	56244.7	5.30	55992.72	56006.02734	55982.53440	56038.73047	505568.0	5408794.0
L5570.0	505568.0	5408795.5	17434.80078	313.76	92.11	48.832112	-86.924130	55987.20	56244.7	5.30	55992.50	56005.69531	55981.77436	56037.93359	505568.0	5408795.5
L5570.0	505568.0	5408796.8	17434.90039	313.05	92.11	48.832124	-86.924129	55986.98	56244.7	5.30	55992.28	56005.36719	55981.08052	56037.20313	505568.0	5408796.8
L5570.0	505568.0	5408798.1	17435.00000	314.16	93.41	48.832136	-86.924129	55986.69	56244.7	5.30	55991.99	56004.97656	55978.84326	56034.93359	505568.0	5408798.1
L5570.0	505568.0	5408798.1	17435.09961	313.76	93.41	48.832136	-86.924129	55986.51	56244.7	5.30	55991.81	56004.70313	55979.20438	56035.26172	505568.0	5408798.1
L5570.0	505568.0	5408799.6	17435.19922	313.93	93.26	48.832149	-86.924129	55986.36	56244.7	5.30	55991.66	56004.46875	55980.33512	56036.36328	505568.0	5408799.6
L5570.0	505568.0	5408801.1	17435.30078	313.65	93.26	48.832163	-86.924129	55986.20	56244.7	5.30	55991.51	56004.23828	55981.54202	56037.54297	505568.0	5408801.1
L5570.0	505568.1	5408802.3	17435.40039	313.73	93.02	48.832173	-86.924128	55986.13	56244.7	5.30	55991.43	56004.08203	55984.45478	56040.42969	505568.1	5408802.3

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5570.0	505568.1	5408802.3	17435.50000	314.61	93.11	48.832173	-86.924128	55985.90	56244.7	5.31	55991.20	56003.78516	55983.95065	56039.90234	505568.1	5408802.3
L5570.0	505568.1	5408804.1	17435.59961	314.57	93.11	48.832189	-86.924128	55985.57	56244.7	5.31	55990.88	56003.40625	55981.41312	56037.34375	505568.1	5408804.1
L5570.0	505568.1	5408804.1	17435.69922	311.25	94.06	48.832189	-86.924128	55985.27	56244.7	5.31	55990.57	56003.04297	55979.18015	56035.08984	505568.1	5408804.1
L5570.0	505568.1	5408805.6	17435.80078	311.64	94.26	48.832203	-86.924128	55985.07	56244.7	5.31	55990.37	56002.79688	55979.59887	56035.49219	505568.1	5408805.6
L5570.0	505568.1	5408806.9	17435.90039	315.96	94.26	48.832214	-86.924128	55984.84	56244.7	5.31	55990.15	56002.53906	55979.63240	56035.51172	505568.1	5408806.9
L5570.0	505568.1	5408808.4	17436.00000	315.92	95.37	48.832228	-86.924128	55984.54	56244.7	5.31	55989.85	56002.20313	55977.89493	56033.76172	505568.1	5408808.4
L5570.0	505568.1	5408808.4	17436.09961	314.54	97.32	48.832228	-86.924128	55984.36	56244.7	5.31	55989.67	56002.00000	55979.03685	56034.89063	505568.1	5408808.4
L5570.0	505568.1	5408810.1	17436.19922	316.38	97.32	48.832243	-86.924127	55984.11	56244.7	5.30	55989.41	56001.71875	55978.41829	56034.26563	505568.1	5408810.1
L5570.0	505568.1	5408811.7	17436.30078	316.75	97.32	48.832257	-86.924127	55983.93	56244.7	5.30	55989.23	56001.52734	55979.70884	56035.55078	505568.1	5408811.7
L5570.0	505568.1	5408811.7	17436.40039	317.74	96.72	48.832257	-86.924127	55983.63	56244.7	5.30	55988.92	56001.21484	55978.14968	56033.98828	505568.1	5408811.7
L5570.0	505568.1	5408813.0	17436.50000	316.44	96.92	48.832269	-86.924127	55983.35	56244.7	5.29	55988.64	56000.93359	55977.37298	56033.21094	505568.1	5408813.0
L5570.0	505568.2	5408814.5	17436.59961	315.55	98.79	48.832282	-86.924127	55982.96	56244.7	5.29	55988.26	56000.56250	55974.53424	56030.37109	505568.2	5408814.5
L5570.0	505568.2	5408816.0	17436.69922	313.47	98.79	48.832296	-86.924127	55982.74	56244.7	5.29	55988.03	56000.34766	55975.03948	56030.87891	505568.2	5408816.0
L5570.0	505568.2	5408816.0	17436.80078	314.49	98.38	48.832296	-86.924127	55982.46	56244.7	5.29	55987.74	56000.08203	55974.33540	56030.17969	505568.2	5408816.0
L5570.0	505568.2	5408818.0	17436.90039	313.84	98.62	48.832315	-86.924127	55982.23	56244.7	5.28	55987.52	55999.89063	55975.13731	56030.99219	505568.2	5408818.0
L5570.0	505568.2	5408818.0	17437.00000	311.87	98.62	48.832315	-86.924127	55982.08	56244.7	5.28	55987.36	55999.76953	55977.15761	56033.01953	505568.2	5408818.0
L5570.0	505568.2	5408820.0	17437.09961	311.58	94.32	48.832332	-86.924126	55981.78	56244.7	5.28	55987.06	55999.51172	55976.38112	56032.25781	505568.2	5408820.0
L5570.0	505568.2	5408821.1	17437.19922	311.99	91.59	48.832342	-86.924126	55981.50	56244.7	5.28	55986.78	55999.28125	55976.04656	56031.93750	505568.2	5408821.1
L5570.0	505568.2	5408822.6	17437.30078	310.66	91.59	48.832356	-86.924126	55981.30	56244.7	5.29	55986.58	55999.13672	55977.28044	56033.18750	505568.2	5408822.6
L5570.0	505568.2	5408822.6	17437.40039	310.48	95.33	48.832356	-86.924126	55980.99	56244.7	5.29	55986.28	55998.90234	55976.60421	56032.53125	505568.2	5408822.6
L5570.0	505568.2	5408824.1	17437.50000	308.63	95.52	48.832369	-86.924126	55980.74	56244.7	5.29	55986.03	55998.72266	55976.89808	56032.84766	505568.2	5408824.1
L5570.0	505568.3	5408825.4	17437.59961	303.50	95.52	48.832381	-86.924126	55980.46	56244.7	5.29	55985.75	55998.51953	55976.63829	56032.60938	505568.3	5408825.4
L5570.0	505568.3	5408826.7	17437.69922	304.88	95.91	48.832392	-86.924125	55980.21	56244.7	5.29	55985.51	55998.36328	55977.14853	56033.14453	505568.3	5408826.7
L5570.0	505568.3	5408826.7	17437.80078	308.38	95.91	48.832392	-86.924125	55980.01	56244.7	5.30	55985.30	55998.24219	55978.25030	56034.27734	505568.3	5408826.7
L5570.0	505568.3	5408828.7	17437.90039	309.29	95.9	48.832410	-86.924125	55979.61	56244.7	5.30	55984.90	55997.93750	55975.77391	56031.82813	505568.3	5408828.7
L5570.0	505568.3	5408829.9	17438.00000	309.90	95.9	48.832421	-86.924125	55979.25	56244.7	5.30	55984.55	55997.69141	55974.24733	56030.33594	505568.3	5408829.9
L5570.0	505568.3	5408831.1	17438.09961	311.66	92.84	48.832432	-86.924125	55978.82	56244.7	5.30	55984.12	55997.37109	55971.16289	56027.28516	505568.3	5408831.1
L5570.0	505568.3	5408831.1	17438.19922	312.61	92.84	48.832432	-86.924125	55978.62	56244.7	5.30	55983.92	55997.28516	55972.58046	56028.74219	505568.3	5408831.1
L5570.0	505568.3	5408832.8	17438.30078	312.81	96.1	48.832447	-86.924125	55978.48	56244.7	5.29	55983.78	55997.26953	55975.29368	56031.49219	505568.3	5408832.8
L5570.0	505568.3	5408834.1	17438.40039	313.55	96.1	48.832459	-86.924124	55978.19	56244.7	5.29	55983.48	55997.09766	55974.88975	56031.13281	505568.3	5408834.1
L5570.0	505568.3	5408835.4	17438.50000	315.62	100.17	48.832471	-86.924124	55977.91	56244.7	5.29	55983.20	55996.95313	55974.95245	56031.23828	505568.3	5408835.4
L5570.0	505568.3	5408835.4	17438.59961	314.79	100.17	48.832471	-86.924124	55977.63	56244.7	5.29	55982.92	55996.81250	55975.08879	56031.41797	505568.3	5408835.4
L5570.0	505568.4	5408837.2	17438.69922	315.43	95.43	48.832487	-86.924124	55977.20	56244.7	5.29	55982.49	55996.52734	55972.10239	56028.48047	505568.4	5408837.2
L5570.0	505568.4	5408838.9	17438.80078	316.31	95.43	48.832502	-86.924123	55976.82	56244.7	5.28	55982.10	55996.28906	55969.97822	56026.40625	505568.4	5408838.9
L5570.0	505568.4	5408838.9	17438.90039	316.78	97.24	48.832502	-86.924123	55976.46	56244.7	5.28	55981.75	55996.09766	55968.76231	56025.24219	505568.4	5408838.9
L5570.0	505568.4	5408840.3	17439.00000	317.06	101.76	48.832515	-86.924123	55976.09	56244.7	5.28	55981.37	55995.88281	55966.95086	56023.48438	505568.4	5408840.3
L5570.0	505568.4	5408841.4	17439.09961	316.71	101.76	48.832525	-86.924123	55975.78	56244.7	5.28	55981.06	55995.74219	55966.75970	56023.35156	505568.4	5408841.4
L5570.0	505568.4	5408841.4	17439.19922	316.53	78.75	48.832525	-86.924123	55975.56	56244.7	5.28	55980.84	55995.69531	55968.66627	56025.31641	505568.4	5408841.4
L5570.0	505568.5	5408842.8	17439.30078	316.99	78.75	48.832537	-86.924122	55975.25	56244.7	5.28	55980.54	55995.57422	55968.87703	56025.58594	505568.5	5408842.8
L5570.0	505568.5	5408844.1	17439.40039	316.85	82.76	48.832549	-86.924122	55974.97	56244.7	5.28	55980.26	55995.48047	55969.61420	56026.38672	505568.5	5408844.1
L5570.0	505568.5	5408845.2	17439.50000	314.23	98.82	48.832559	-86.924121	55974.57	56244.7	5.29	55979.85	55995.26172	55967.50512	56024.33984	505568.5	5408845.2
L5570.0	505568.6	5408846.3	17439.59961	312.94	98.82	48.832569	-86.924121	55974.34	56244.7	5.29	55979.63	55995.23828	55969.70745	56026.60938	505568.6	5408846.3
L5570.0	505568.6	5408846.3	17439.69922	312.23	98.46	48.832569	-86.924121	55973.86	56244.7	5.29	55979.15	55994.96094	55966.14799	56023.11719	505568.6	5408846.3
L5570.0	505568.6	5408848.3	17439.80078	312.12	99.73	48.832586	-86.924120	55973.54	56244.7	5.29	55978.82	55994.83594	55965.98303	56023.01953	505568.6	5408848.3
L5570.0	505568.7	5408849.7	17439.90039	312.30	93.82	48.832599	-86.924120	55973.18	56244.7	5.29	55978.47	55994.69531	55965.40691	56022.51563	505568.7	5408849.7
L5570.0	505568.7	5408851.2	17440.00000	312.15	93.82	48.832613	-86.924119	55972.88	56244.7	5.29	55978.17	55994.60938	55965.97046	56023.15234	505568.7	5408851.2
L5570.0	505568.7	5408851.2	17440.09961	312.69	100.08	48.832613	-86.924119	55972.52	56244.7	5.29	55977.81	55994.46875	55965.22883	56022.48438	505568.7	5408851.2
L5570.0	505568.7	5408852.8	17440.19922	312.89	98.05	48.832627	-86.924118	55972.20	56244.7	5.29	55977.48	55994.36328	55965.17802	56022.51172	505568.7	5408852.8
L5570.0	505568.8	5408854.3	17440.30078	311.87	98.05	48.832641	-86.924118	55971.69	56244.7	5.29	55976.97	55994.08203	55961.15382	56018.56641	505568.8	5408854.3
L5570.0	505568.8	5408855.5	17440.40039	312.75	96.88	48.832651	-86.924118	55971.46	56244.7	5.29	55976.74	55994.08594	55963.36764	56020.85938	505568.8	5408855.5
L5570.0	505568.8	5408855.5	17440.50000	313.52	94.68	48.832651	-86.924118	55971.18	56244.7	5.28	55976.46	55994.04297	55964.49491	56022.06641	505568.8	5408855.5
L5570.0	505568.8	5408857.2	17440.59961	313.94	94.68	48.832667	-86.924117	55970.90	56244.7	5.28	55976.18	55994.00391	55965.64782	56023.30078	505568.8	5408857.2
L5570.0	505568.8	5408858.5	17440.69922	315.03	89.67	48.832679	-86.924117	55970.45	56244.7	5.28	55975.73	55993.79688	55963.02723	56020.76563	505568.8	5408858.5
L5570.0	505568.8	5408859.5	17440.80078	316.20	90.89	48.832687	-86.924117	55970.12	56244.7	5.28	55975.40	55993.71484	55963.11016	56020.93359	505568.8	5408859.5
L5570.0	505568.8	5408860.8	17440.90039	315.52	90.89	48.832699	-86.924117	55969.74	56244.7	5.28	55975.02	55993.58984	55962.10185	56020.01172	505568.8	5408860.8
L5570.0	505568.8	5408862.1	17441.00000	316.70	91.04	48.832711	-86.924117	55969.34	56244.7	5.28	55974.62	55993.44141	55960.67731	56018.67578	505568.8	5408862.1
L5570.0	505568.8	5408862.1	17441.09961	317.72	89.32	48.832711	-86.924117	55968.90	56244.7	5.28	55974.18	55993.26172	55958.40008	56016.48828	505568.8	5408862.1
L5570.0	505568.8	5408863.5	17441.19922	316.13	89.37	48.832724	-86.924117	55968.45	56244.7	5.28	55973.73	55993.07422	55955.95870	56014.13672	505568.8	5408863.5
L5570.0	505568.8	5408864.6	17441.30078	316.20	89.37	48.832733	-86.924117	55968.22	56244.7	5.28	55973.50	55993.10938	55958.45036	56016.72266	505568.8	5408864.6
L5570.0	505568.8	5408866.2	17441.40039	315.28	88.79	48.832748	-86.924117	55967.79	56244.7	5.28	55973.07	55992.94531	55956.57564	56014.94141	505568.8	5408866.2
L5570.0	505568.8	5408867.5	17441.50000	316.40	89.75	48.832759	-86.924117	55967.54	56244.7	5.29	55972.82	55992.96484	55958.67682	56017.13672	505568.8	5408867.5
L5570.0	505568.8	5408867.5	17441.59961	317.32	84.78	48.832759	-86.924117	55967.31	56244.7	5.29	55972.60	55993.01953	55961.39688	56019.95313	505568.8	5408867.5
L5570.0	505568.8	5408869.0	17441.69922	317.07	84.78	48.832773	-86.924117	55966.88	56244.7	5.29	55972.17	55992.86719	55959.67513	56018.32813	505568.8	5408869.0
L5570.0	505568.8	5408870.4	17441.80078	316.86	86.3	48.832786	-86.924117	55966.63	56244.7	5.29	55971.92	55992.89453	55961.70587	56020.45703	505568.8	5408870.4
L5570.0	505568.8	5408871.3	17441.90039	315.14	88.28	48.832794	-86.924117	55966.22	56244.7	5.29	55971.51	55992.76563	55960.46516	56019.31250	505568.8	5408871.3
L5570.0	505568.8	5408872.7	17442.00000	313.84	88.28	48.832806	-86.924117	55965.89	56244.7	5.29	55971.18	55992.71484	55960.83356	56019.78125	505568.8	5408872.7
L5570.0	505568.8	5408873.8	17442.09961	310.82	88.77	48.832817	-86.924117	55965.52	56244.7	5.29	55970.80	55992.62109	55960.21984	56019.26563	505568.8	5408873.8
L5570.0	505568.8	5408873.8	17442.19922	310.26	90.03	48.832817	-86.924117	55965.21	56244.7	5.28	55970.50	55992.60547	55961.10193	56020.25000	505568.8	5408873.8
L5570.0	505568.9	5408875.4	17442.30078	308.79	91.7	48.832830	-86.924116	55964.78	56244.7	5.28	55970.06	55992.45703	55959.35789	56018.60938	505568.9	5408875.4
L5570.0	505568.9	5408876.7	17442.40039	309.05	89.66	48.832842	-86.924116	55964.43	56244.7	5.28	55969.70	55992.38672	55959.07533	56018.42969	505568.9	5408876.7
L5570.0	505568.9	5408877.6	17442.50000	309.16	89.66	48.832850	-86.924116	55963.92	56244.7	5.28	55969.19	55992.16797	55956.09726	56015.55469	505568.9	5408877.6
L5570.0	505568.9	5408878.9	17442.59961	308.07	83.31	48.832862	-86.924116	55963.56	56244.7	5.27	55968.84	55992.10938	55955.94768	56015.50781	505568.9	5408878.9
L5570.0	505568.9	5408880.0	17442.69922	302.15	83.94	48.832872	-86.924115	55963.24	56244.7	5.27	55968.51	55992.07031	55956.09537	56015.75781	505568.9	5408880.0
L5570.0	505569.0	5408881.4	17442.80078	302.96	83.94	48.832884	-86.924115	55962.96	56244.7	5.27	55968.22	55992.07813	55956.88494	56016.65234	505569.0	5408881.4
L5570.0	505569.0	5408882.7	17442.90039	307.15	78.18	48.832896	-86.924115	55962.56	56244.7	5.26	55967.82	55991.97266	55955.70566	56015.57813	505569.0	5408882.7
L5570.0	505569.0	5408883.8	17443.00000	306.10	90.49	48.832906	-86.924114	55962.33	56244.7	5.26	55967.59	55992.03906	55957.45531	56017.43359	505569.0	5408883.8
L5570.0	505569.0	5408883.8	17443.09961	306.18	93.75	48.832906	-86.924114	55961.90	56244.7	5.26	55967.16	55991.90625	55955.65818	56015.74219	505569.0	5408883.8
L5570.0	505569.1	5408885.2	17443.19922	307.04	93.75	48.832918	-86.924114	55961.49	56244.7	5.26	55966.75	55991.79297	55954.15634	56014.34375	505569.1	5408885.2
L5570.0	505569.1	5408886.7	17443.30078	310.81	94.15	48.832932	-86.924113	55961.16	56244.7	5.26	55966.42	55991.76172	55954.05652	56014.35156	505569.1	5408886.7
L5570.0	505569.1	5408887.9	17443.40039	311.09	93.68	48.832943	-86.924113	55960.88	56244.7	5.26	55966.14	55991.77734	55954.87792	56015.28125	505569.1	5408887.9
L5570.0	505569.1	5408889.2	17443.50000	312.31	93.68	48.832955	-86.924112	55960.43	56244.7	5.26	55965.69	55991.62891	55952.52850	56013.03516	505569.1	5408889.2
L5570.0	505569.1	5408889.2	17443.59961	313.37	89.92	48.832955	-86.924112	55960.15	56244.7	5.26	55965.41	55991.64453	55953.37596	56013.98828	505569.1	5408889.2
L5570.0	505569.2	5408890.8	17443.69922	314.86	93.54	48.832969	-86.924112	55959.80	56244.7	5.26	55965.06	55991.59375	55952.90710	56013.62500	505569.2	5408890.8
L5570.0	505569.2	5408892.2	17443.80078	315.47	94.21	48.832981	-86.924112	55959.46	56244.7	5.26	55964.72	55991.55078	55952.64711	56013.47266	505569.2	5408892.2
L5570.0	505569.2	5408893.5	17443.90039	315.11	94.15	48.832993	-86.924111	55959.06	56244.7	5.26	55964.32	55991.44922	55951.18688	56012.11719	505569.2	5408893.5
L5570.0	505569.2	5408894.9	17444.00000	314.65	94.15	48.833006	-86.924111	55958.73	56244.7	5.26	55963.99	55991.41797	55951.15799	56012.19531	505569.2	5408894.9
L5570.0	505569.2	5408894.9	17444.09961	314.81	93.67	48.833006	-86.924111	55958.38	56244.7	5.26	55963.64	55991.36328	55950.74140	56011.88281	505569.2	5408894.9
L5570.0	505569.3	5408896.2	17444.19922	314.80	93.67	48.833018	-86.924111	55958.03	56244.7	5.26	55963.29	55991.30859	55950.34604	56011.58984	505569.3	5408896.2
L5570.0	505569.3	5408897.6	17444.30078	314.81	93.31	48.833031	-86.924111	55957.49	56244.7	5.27	55962.76	55991.07422	55946.04963	56007.39844	505569.3	5408897.6
L5570.0	505569.3	5408899.2	17444.40039	314.02	90.84	48.833044	-86.924110	55957.29	56244.7	5.27	55962.56	55991.16797	55948.95830	56010.41016	505569.3	5408899.2
L5570.0	505569.3	5408900.5	17444.50000	313.15	91.49	48.833056	-86.924110	55956.96	56244.7	5.27	55962.23	55991.13281	55949.07410	56010.62891	505569.3	5408900.5
L5570.0	505569.3	5408900.5	17444.59961	312.98	91.49	48.833056	-86.924110	55956.71	56244.7	5.27	55961.98	55991.17188	55951.05990	56012.71875	505569.3	5408900.5
L5570.0	505569.3	5408901.5	17444.69922	312.98	85.9	48.833065	-86.924110	55956.26	56244.7	5.27	55961.53	55991.01563	55948.56511	56010.32422	505569.3	5408901.5

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5570.0	505569.3	5408903.0	17444.80078	313.39	87.04	48.833079	-86.924110	55955.85	56244.7	5.28	55961.13	55990.90234	55947.23577	56009.09766	505569.3	5408903.0
L5570.0	505569.3	5408904.7	17444.90039	312.60	87.04	48.833094	-86.924110	55955.32	56244.7	5.28	55960.60	55990.66016	55942.97445	56004.93750	505569.3	5408904.7
L5570.0	505569.3	5408904.7	17445.00000	314.07	80.87	48.833094	-86.924110	55954.94	56244.7	5.28	55960.22	55990.56641	55942.20527	56004.26563	505569.3	5408904.7
L5570.0	505569.3	5408906.2	17445.09961	312.54	80.87	48.833108	-86.924110	55954.62	56244.7	5.28	55959.89	55990.52344	55942.62839	56004.78906	505569.3	5408906.2
L5570.0	505569.3	5408907.4	17445.19922	313.66	85.23	48.833118	-86.924110	55954.21	56244.7	5.27	55959.48	55990.39453	55941.29307	56003.55078	505569.3	5408907.4
L5570.0	505569.3	5408908.9	17445.30078	312.78	90.78	48.833132	-86.924110	55953.93	56244.7	5.27	55959.20	55990.39453	55942.90018	56005.25391	505569.3	5408908.9
L5570.0	505569.3	5408910.3	17445.40039	314.35	90.78	48.833145	-86.924110	55953.70	56244.7	5.27	55958.97	55990.44531	55945.57009	56008.01563	505569.3	5408910.3
L5570.0	505569.3	5408911.7	17445.50000	315.52	91.43	48.833157	-86.924110	55953.27	56244.7	5.26	55958.53	55990.28125	55943.64988	56006.19141	505569.3	5408911.7
L5570.0	505569.3	5408911.7	17445.59961	316.43	88.21	48.833157	-86.924110	55953.04	56244.7	5.26	55958.31	55990.33594	55946.43100	56009.06250	505569.3	5408911.7
L5570.0	505569.3	5408912.9	17445.69922	317.75	88.21	48.833168	-86.924110	55952.69	56244.7	5.26	55957.95	55990.24609	55946.19889	56008.92188	505569.3	5408912.9
L5570.0	505569.3	5408912.9	17445.80078	318.73	86.6	48.833168	-86.924110	55952.31	56244.7	5.26	55957.57	55990.13672	55945.54778	56008.36328	505569.3	5408912.9
L5570.0	505569.3	5408916.2	17445.90039	318.34	89.02	48.833198	-86.924110	55951.75	56244.7	5.25	55957.01	55989.84375	55941.31137	56004.21484	505569.3	5408916.2
L5570.0	505569.3	5408916.2	17446.00000	312.52	89.02	48.833198	-86.924110	55951.40	56244.8	5.25	55956.65	55989.75000	55941.08200	56004.07031	505569.3	5408916.2
L5570.0	505569.2	5408917.5	17446.09961	311.28	89.02	48.833209	-86.924111	55950.99	56244.7	5.25	55956.24	55989.60156	55939.83778	56002.91406	505569.2	5408917.5
L5570.0	505569.2	5408918.7	17446.19922	310.36	89.31	48.833220	-86.924111	55950.79	56244.7	5.25	55956.04	55989.66406	55942.51903	56005.67578	505569.2	5408918.7
L5570.0	505569.2	5408920.0	17446.30078	307.88	93.47	48.833232	-86.924111	55950.41	56244.7	5.25	55955.67	55989.55078	55941.87409	56005.11328	505569.2	5408920.0
L5570.0	505569.2	5408920.0	17446.40039	306.68	93.47	48.833232	-86.924111	55950.01	56244.7	5.25	55955.26	55989.39453	55940.40258	56003.72266	505569.2	5408920.0
L5570.0	505569.2	5408921.6	17446.50000	306.10	92.95	48.833246	-86.924111	55949.68	56244.7	5.25	55954.93	55989.31641	55940.32713	56003.72656	505569.2	5408921.6
L5570.0	505569.2	5408922.8	17446.59961	304.84	92.95	48.833257	-86.924111	55949.48	56244.7	5.26	55954.73	55989.36328	55942.56656	56006.04297	505569.2	5408922.8
L5570.0	505569.2	5408924.2	17446.69922	305.41	90.29	48.833270	-86.924111	55949.02	56244.7	5.26	55954.28	55989.16016	55940.08983	56003.63672	505569.2	5408924.2
L5570.0	505569.2	5408925.5	17446.80078	307.89	90.29	48.833282	-86.924111	55948.77	56244.7	5.26	55954.02	55989.14063	55941.06857	56004.69141	505569.2	5408925.5
L5570.0	505569.2	5408926.9	17446.90039	308.35	91.56	48.833294	-86.924112	55948.39	56244.7	5.26	55953.65	55989.01172	55939.91334	56003.60547	505569.2	5408926.9
L5570.0	505569.2	5408926.9	17447.00000	307.94	97.68	48.833294	-86.924112	55948.11	56244.7	5.26	55953.37	55988.96484	55940.39467	56004.15625	505569.2	5408926.9
L5570.0	505569.2	5408928.2	17447.09961	309.03	97.68	48.833306	-86.924112	55947.73	56244.7	5.26	55952.99	55988.82031	55938.88114	56002.70703	505569.2	5408928.2
L5570.0	505569.2	5408929.3	17447.19922	309.90	98.09	48.833316	-86.924112	55947.53	56244.7	5.26	55952.79	55988.84766	55940.83186	56004.72266	505569.2	5408929.3
L5570.0	505569.2	5408930.6	17447.30078	312.35	99.6	48.833328	-86.924112	55947.07	56244.7	5.26	55952.33	55988.61328	55937.53595	56001.48828	505569.2	5408930.6
L5570.0	505569.2	5408932.2	17447.40039	314.42	99.6	48.833342	-86.924112	55946.82	56244.7	5.26	55952.08	55988.58594	55938.39607	56002.40625	505569.2	5408932.2
L5570.0	505569.2	5408932.2	17447.50000	315.21	91.71	48.833342	-86.924112	55946.49	56244.7	5.25	55951.75	55988.47656	55937.55621	56001.62500	505569.2	5408932.2
L5570.0	505569.2	5408933.6	17447.59961	317.68	101.37	48.833354	-86.924112	55946.14	56244.7	5.25	55951.40	55988.34375	55936.22849	56000.34766	505569.2	5408933.6
L5570.0	505569.2	5408934.6	17447.69922	318.16	101.37	48.833364	-86.924112	55945.76	56244.7	5.25	55951.01	55988.16406	55933.95160	55998.12500	505569.2	5408934.6
L5570.0	505569.2	5408935.5	17447.80078	320.47	96.82	48.833372	-86.924111	55945.48	56244.7	5.25	55950.73	55988.09375	55934.08837	55998.30859	505569.2	5408935.5
L5570.0	505569.2	5408936.9	17447.90039	320.09	99.32	48.833383	-86.924111	55945.02	56244.7	5.25	55950.27	55987.83984	55930.10336	55994.37109	505569.2	5408936.9
L5570.0	505569.2	5408938.5	17448.00000	319.22	99.32	48.833398	-86.924111	55944.72	56244.8	5.25	55949.97	55987.74219	55929.78044	55994.09375	505569.2	5408938.5
L5570.0	505569.2	5408938.5	17448.09961	317.72	97.73	48.833398	-86.924111	55944.46	56244.7	5.25	55949.72	55987.68750	55930.67654	55995.03125	505569.2	5408938.5
L5570.0	505569.2	5408940.1	17448.19922	316.29	98.14	48.833412	-86.924111	55944.27	56244.7	5.25	55949.52	55987.68359	55932.81541	55997.20703	505569.2	5408940.1
L5570.0	505569.2	5408941.3	17448.30078	316.06	98.08	48.833424	-86.924111	55943.91	56244.7	5.25	55949.17	55987.52344	55931.44182	55995.86719	505569.2	5408941.3
L5570.0	505569.2	5408942.4	17448.40039	313.52	98.08	48.833433	-86.924111	55943.58	56244.7	5.25	55948.84	55987.37891	55930.57876	55995.03906	505569.2	5408942.4
L5570.0	505569.2	5408943.6	17448.50000	312.33	98.33	48.833444	-86.924111	55943.25	56244.7	5.25	55948.51	55987.23047	55929.75619	55994.24609	505569.2	5408943.6
L5570.0	505569.2	5408944.6	17448.59961	313.11	98.63	48.833453	-86.924111	55943.03	56244.7	5.26	55948.28	55987.17969	55931.26835	55995.78516	505569.2	5408944.6
L5570.0	505569.2	5408945.8	17448.69922	312.64	98.63	48.833464	-86.924111	55942.70	56244.7	5.26	55947.96	55987.03516	55930.68704	55995.22656	505569.2	5408945.8
L5570.0	505569.2	5408947.1	17448.80078	313.63	98.65	48.833476	-86.924111	55942.52	56244.7	5.26	55947.78	55987.02734	55933.22596	55997.78516	505569.2	5408947.1
L5570.0	505569.2	5408948.4	17448.90039	313.51	98.65	48.833487	-86.924111	55942.20	56244.7	5.26	55947.45	55986.86719	55932.34554	55996.92578	505569.2	5408948.4
L5570.0	505569.2	5408949.3	17449.00000	314.37	98.65	48.833496	-86.924111	55941.86	56244.7	5.26	55947.12	55986.69922	55931.43395	55996.02734	505569.2	5408949.3
L5570.0	505569.2	5408950.4	17449.09961	314.13	98.65	48.833506	-86.924111	55941.58	56244.7	5.26	55946.84	55986.57813	55931.53624	55996.14063	505569.2	5408950.4
L5570.0	505569.2	5408950.4	17449.19922	312.58	98.65	48.833506	-86.924111	55941.34	56244.7	5.26	55946.60	55986.49609	55932.38217	55996.99219	505569.2	5408950.4
L5570.0	505569.2	5408952.0	17449.30078	313.41	98.65	48.833520	-86.924111	55941.08	56244.7	5.26	55946.34	55986.38672	55932.70407	55997.32031	505569.2	5408952.0
L5570.0	505569.2	5408953.4	17449.40039	311.27	98.65	48.833532	-86.924110	55940.78	56244.7	5.26	55946.04	55986.23438	55932.11367	55996.73047	505569.2	5408953.4
L5570.0	505569.2	5408954.6	17449.50000	310.56	98.65	48.833543	-86.924110	55940.42	56244.7	5.26	55945.68	55986.01953	55930.24849	55994.86328	505569.2	5408954.6
L5570.0	505569.3	5408956.1	17449.59961	309.45	98.65	48.833557	-86.924110	55940.27	56244.7	5.27	55945.53	55986.01172	55932.50283	55997.11328	505569.3	5408956.1
L5570.0	505569.3	5408956.1	17449.69922	307.88	98.65	48.833557	-86.924110	55939.94	56244.7	5.27	55945.21	55985.82813	55931.30434	55995.90625	505569.3	5408956.1
L5570.0	505569.3	5408957.3	17449.80078	306.42	98.65	48.833567	-86.924110	55939.46	56244.7	5.27	55944.72	55985.46875	55926.74306	55991.33203	505569.3	5408957.3
L5570.0	505569.3	5408958.7	17449.90039	305.62	98.65	48.833580	-86.924110	55939.26	56244.7	5.27	55944.53	55985.41016	55927.99494	55992.57031	505569.3	5408958.7
L5570.0	505569.3	5408960.3	17450.00000	306.47	98.65	48.833594	-86.924110	55939.03	56244.7	5.27	55944.30	55985.30469	55928.38118	55992.93750	505569.3	5408960.3
L5570.0	505569.3	5408961.6	17450.09961	310.01	98.65	48.833606	-86.924110	55938.78	56244.7	5.27	55944.05	55985.17578	55928.29124	55992.82422	505569.3	5408961.6
L5570.0	505569.3	5408962.5	17450.19922	312.33	98.65	48.833614	-86.924110	55938.65	56244.7	5.27	55943.92	55985.16406	55930.38381	55994.89063	505569.3	5408962.5
L5570.0	505569.3	5408963.5	17450.30078	313.99	98.65	48.833623	-86.924110	55938.50	56244.7	5.27	55943.77	55985.12891	55931.98356	55996.46094	505569.3	5408963.5
L5570.0	505569.3	5408965.0	17450.40039	314.96	98.65	48.833637	-86.924110	55938.12	56244.7	5.27	55943.39	55984.85547	55929.08821	55993.53125	505569.3	5408965.0
L5570.0	505569.3	5408965.0	17450.50000	314.83	98.65	48.833637	-86.924110	55937.84	56244.7	5.27	55943.11	55984.68359	55927.96525	55992.37109	505569.3	5408965.0
L5570.0	505569.3	5408966.6	17450.59961	314.41	98.65	48.833651	-86.924110	55937.69	56244.7	5.27	55942.96	55984.63672	55929.23561	55993.60156	505569.3	5408966.6
L5570.0	505569.3	5408967.7	17450.69922	313.42	98.65	48.833661	-86.924110	55937.31	56244.7	5.27	55942.58	55984.35547	55925.88397	55990.20313	505569.3	5408967.7
L5570.0	505569.3	5408969.1	17450.80078	312.33	130	48.833673	-86.924110	55937.11	56244.7	5.27	55942.38	55984.25000	55925.94762	55990.21875	505569.3	5408969.1
L5570.0	505569.3	5408970.4	17450.90039	310.32	130	48.833685	-86.924110	55936.96	56244.7	5.27	55942.23	55984.19141	55926.96070	55991.17969	505569.3	5408970.4
L5570.0	505569.3	5408971.5	17451.00000	309.00	130	48.833695	-86.924110	55936.81	56244.7	5.27	55942.07	55984.11719	55927.74065	55991.90625	505569.3	5408971.5
L5570.0	505569.3	5408971.5	17451.09961	308.28	130	48.833695	-86.924110	55936.47	56244.7	5.27	55941.74	55983.87109	55924.85614	55988.96094	505569.3	5408971.5
L5570.0	505569.2	5408973.1	17451.19922	308.29	130	48.833709	-86.924110	55936.38	56244.7	5.27	55941.64	55983.85156	55926.84165	55990.88281	505569.2	5408973.1
L5570.0	505569.2	5408974.2	17451.30078	308.14	130	48.833720	-86.924110	55936.12	56244.7	5.27	55941.39	55983.67969	55925.52746	55989.50391	505569.2	5408974.2
L5570.0	505569.3	5408975.6	17451.40039	311.12	130	48.833732	-86.924110	55935.87	56244.7	5.27	55941.13	55983.49219	55923.91287	55987.81641	505569.3	5408975.6
L5570.0	505569.3	5408977.0	17451.50000	313.52	130	48.833744	-86.924110	55935.69	56244.7	5.26	55940.96	55983.39453	55924.30906	55988.14063	505569.3	5408977.0
L5570.0	505569.3	5408977.0	17451.59961	316.63	130	48.833744	-86.924110	55935.44	56244.7	5.26	55940.70	55983.19922	55922.58645	55986.33984	505569.3	5408977.0
L5570.0	505569.3	5408978.5	17451.69922	318.33	130	48.833758	-86.924110	55935.26	56244.7	5.26	55940.52	55983.08203	55922.69644	55986.36719	505569.3	5408978.5
L5570.0	505569.3	5408979.8	17451.80078	318.80	130	48.833770	-86.924110	55935.08	56244.7	5.26	55940.34	55982.96094	55922.78698	55986.37109	505569.3	5408979.8
L5570.0	505569.3	5408981.2	17451.90039	320.86	130	48.833783	-86.924109	55934.88	56244.7	5.26	55940.14	55982.81641	55922.37078	55985.86328	505569.3	5408981.2
L5570.0	505569.3	5408982.6	17452.00000	321.11	130	48.833795	-86.924109	55934.63	56244.7	5.26	55939.89	55982.62109	55920.70602	55984.10547	505569.3	5408982.6
L5570.0	505569.3	5408982.6	17452.09961	321.07	130	48.833795	-86.924109	55934.38	56244.7	5.26	55939.64	55982.42188	55919.00698	55982.30859	505569.3	5408982.6
L5570.0	505569.3	5408983.7	17452.19922	319.60	130	48.833805	-86.924109	55934.22	56244.7	5.26	55939.48	55982.30469	55919.49608	55982.69922	505569.3	5408983.7
L5570.0	505569.3	5408985.2	17452.30078	317.99	130	48.833818	-86.924109	55934.15	56244.7	5.26	55939.41	55982.28125	55922.18860	55985.28516	505569.3	5408985.2
L5570.0	505569.3	5408986.5	17452.40039	318.00	130	48.833830	-86.924109	55934.00	56244.7	5.26	55939.26	55982.16797	55922.90957	55985.89844	505569.3	5408986.5
L5570.0	505569.3	5408987.8	17452.50000	316.12	130	48.833841	-86.924109	55933.74	56244.7	5.26	55939.00	55981.94531	55920.95349	55983.83203	505569.3	5408987.8
L5570.0	505569.3	5408987.8	17452.59961	316.62	130	48.833841	-86.924109	55933.54	56244.7	5.26	55938.80	55981.78125	55920.48895	55983.25000	505569.3	5408987.8
L5570.0	505569.3	5408989.1	17452.69922	316.32	130	48.833853	-86.924109	55933.46	56244.7	5.26	55938.72	55981.73047	55922.90010	55985.53906	505569.3	5408989.1
L5570.0	505569.3	5408990.4	17452.80078	316.40	130	48.833865	-86.924109	55933.34	56244.7	5.26	55938.60	55981.63672	55924.31575	55986.83203	505569.3	5408990.4
L5570.0	505569.3	5408991.8	17452.90039	314.23	130	48.833877	-86.924108	55933.29	56244.7	5.26	55938.55	55981.61328	55927.27150	55989.66016	505569.3	5408991.8
L5570.0	505569.4	5408992.8	17453.00000	313.63	130	48.833887	-86.924108	55933.06	56244.7	5.26	55938.32	55981.40625	55926.09067	55988.35156	505569.4	5408992.8
L5570.0	505569.4	5408992.8	17453.09961	313.55	130	48.833887	-86.924108	55932.93	56244.7	5.26	55938.19	55981.29297	55927.10473	55989.23047	505569.4	5408992.8
L5570.0	505569.4	5408994.3	17453.19922	312.74	130	48.833901	-86.924108	55932.61	56244.7	5.26	55937.87	55980.98828	55924.06382	55986.05078	505569.4	5408994.3
L5570.0	505569.4	5408995.6	17453.30078	309.93	130	48.833912	-86.924107	55932.63	56244.7	5.26	55937.89	55981.02344	55928.04891	55989.89453	505569.4	5408995.6
L5570.0	505569.4	5408996.8	17453.40039	308.95	130	48.833922	-86.924107	55932.28	56244.7	5.26	55937.54	55980.68359	55924.45737	55986.16016	505569.4	5408996.8
L5570.0	505569.4	5408998.4	17453.50000	308.09	130	48.833937	-86.924107	55932.22	56244.7	5.26	55937.48	55980.63281	55926.55281	55988.10547	505569.4	5408998.4
L5570.0	505569.4	5408998.4	17453.59961	308.40	130	48.833937	-86.924107	55931.90	56244.7	5.26	55937.16	55980.31641	55923.56384	55984.96484	505569.4	5408998.4
L5570.0	505569.4	5409000.5	17453.69922	308.41	130	48.833956	-86.924107	55931.82	56244.7	5.26	55937.08	55980.24219	55925.03578	55986.28125	505569.4	5409000.5
L5570.0	505569.4	5409000.5	17453.80078	308.63	130	48.833956	-86.924107	55931.52	56244.7	5.26	55936.78	55979.94141	55922.31778	55983.40234	505569.4	5409000.5
L5570.0	505569.5	5409001.8	17453.90039	309.04	130	48.833968	-86.924107	55931.44	56244.7	5.26	55936.70	55979.85938	55923.56260	55984.48828	505569.5	5409001.8
L5570.0	505569.5	5409003.8	17454.00000	309.29	130	48.833985	-86.924107	55931.26	56244.7	5.26	55936.52	55979.67578	55922.86775	55983.62891	505569.5	5409003.8

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5570.0	505569.5	5409003.8	17454.09961	309.63	130	48.833985	-86.924107	55931.21	56244.7	5.26	55936.47	55979.61719	55924.47558	55985.06641	505569.5	5409003.8
L5570.0	505569.4	5409004.9	17454.19922	309.05	130	48.833996	-86.924107	55930.98	56244.7	5.26	55936.24	55979.37891	55922.67517	55983.09375	505569.4	5409004.9
L5570.0	505569.4	5409006.8	17454.30078	309.49	130	48.834013	-86.924107	55931.01	56244.7	5.26	55936.27	55979.39844	55925.67729	55985.92188	505569.4	5409006.8
L5570.0	505569.4	5409007.8	17454.40039	308.31	130	48.834021	-86.924107	55930.78	56244.7	5.26	55936.04	55979.15234	55923.72468	55983.79297	505569.4	5409007.8
L5570.0	505569.4	5409007.8	17454.50000	308.48	130	48.834021	-86.924107	55930.66	56244.7	5.26	55935.92	55979.01563	55923.81670	55983.70313	505569.4	5409007.8
L5570.0	505569.4	5409009.5	17454.59961	310.13	130	48.834037	-86.924107	55930.31	56244.7	5.25	55935.56	55978.64063	55919.08925	55978.79297	505569.4	5409009.5
L5570.0	505569.4	5409010.6	17454.69922	310.12	130	48.834047	-86.924108	55930.25	56244.7	5.25	55935.51	55978.57031	55920.47439	55979.98828	505569.4	5409010.6
L5570.0	505569.4	5409012.1	17454.80078	311.73	130	48.834060	-86.924108	55930.05	56244.7	5.25	55935.30	55978.33594	55918.58187	55977.90625	505569.4	5409012.1
L5570.0	505569.3	5409013.4	17454.90039	314.12	130	48.834072	-86.924108	55929.92	56244.7	5.25	55935.17	55978.18359	55918.32337	55977.45703	505569.3	5409013.4
L5570.0	505569.3	5409014.3	17455.00000	315.59	130	48.834080	-86.924108	55929.85	56244.8	5.25	55935.10	55978.08984	55919.38266	55978.32031	505569.3	5409014.3
L5570.0	505569.3	5409015.6	17455.09961	316.20	130	48.834091	-86.924109	55929.92	56244.7	5.25	55935.18	55978.14063	55923.83529	55982.57422	505569.3	5409015.6
L5570.0	505569.3	5409015.6	17455.19922	317.10	130	48.834091	-86.924109	55929.70	56244.7	5.26	55934.96	55977.89063	55921.73061	55980.26953	505569.3	5409015.6
L5570.0	505569.3	5409016.8	17455.30078	316.98	130	48.834103	-86.924109	55929.59	56244.7	5.26	55934.86	55977.76172	55922.33484	55980.67188	505569.3	5409016.8
L5570.0	505569.2	5409017.9	17455.40039	316.89	130	48.834113	-86.924109	55929.49	56244.7	5.27	55934.76	55977.62891	55922.99459	55981.12500	505569.2	5409017.9
L5570.0	505569.2	5409019.2	17455.50000	316.84	130	48.834124	-86.924110	55929.42	56244.7	5.28	55934.69	55977.52344	55924.40985	55982.33594	505569.2	5409019.2
L5570.0	505569.2	5409020.7	17455.59961	317.86	130	48.834138	-86.924110	55929.32	56244.7	5.28	55934.60	55977.39844	55925.42173	55983.13672	505569.2	5409020.7
L5570.0	505569.2	5409020.7	17455.69922	316.05	130	48.834138	-86.924110	55929.19	56244.7	5.29	55934.48	55977.24219	55925.77876	55983.28125	505569.2	5409020.7
L5570.0	505569.2	5409023.3	17455.80078	315.29	130	48.834161	-86.924110	55929.06	56244.7	5.29	55934.35	55977.07422	55925.94274	55983.23047	505569.2	5409023.3
L5570.0	505569.2	5409023.3	17455.90039	314.79	130	48.834161	-86.924110	55928.94	56244.7	5.30	55934.23	55976.91406	55926.38644	55983.45703	505569.2	5409023.3
L5570.0	505569.2	5409024.4	17456.00000	314.64	130	48.834171	-86.924110	55928.68	56244.7	5.30	55933.98	55976.62109	55923.79058	55980.64453	505569.2	5409024.4
L5570.0	505569.2	5409025.6	17456.09961	314.97	130	48.834182	-86.924110	55928.58	56244.7	5.30	55933.88	55976.47656	55924.79855	55981.43359	505569.2	5409025.6
L5570.0	505569.2	5409026.1	17456.19922	315.57	92.03	48.834187	-86.924110	55928.36	56244.7	5.29	55933.65	55976.20313	55922.78540	55979.19531	505569.2	5409026.1
L5570.0	505569.1	5409027.5	17456.30078	316.14	94.67	48.834198	-86.924111	55928.06	56244.7	5.29	55933.35	55975.85938	55919.19962	55975.38672	505569.1	5409027.5
L5570.0	505569.1	5409028.5	17456.40039	314.34	89.54	48.834208	-86.924111	55927.98	56244.7	5.29	55933.26	55975.72266	55920.58719	55976.55078	505569.1	5409028.5
L5570.0	505569.1	5409030.3	17456.50000	315.76	89.54	48.834224	-86.924111	55927.85	56244.7	5.29	55933.14	55975.55469	55921.30722	55977.04297	505569.1	5409030.3
L5570.0	505569.1	5409030.3	17456.59961	315.16	92.46	48.834224	-86.924111	55927.72	56244.7	5.28	55933.00	55975.36719	55921.59925	55977.10547	505569.1	5409030.3
L5570.0	505569.1	5409031.8	17456.69922	313.48	101.52	48.834238	-86.924111	55927.75	56244.7	5.28	55933.03	55975.34766	55925.81864	55981.09766	505569.1	5409031.8
L5570.0	505569.1	5409033.2	17456.80078	312.38	101.52	48.834250	-86.924111	55927.39	56244.7	5.28	55932.67	55974.93750	55921.16005	55976.20703	505569.1	5409033.2
L5570.0	505569.1	5409034.0	17456.90039	312.63	101.81	48.834258	-86.924111	55927.14	56244.7	5.27	55932.41	55974.62891	55918.85258	55973.66797	505569.1	5409034.0
L5570.0	505569.1	5409035.1	17457.00000	313.49	101.81	48.834267	-86.924111	55927.02	56244.7	5.27	55932.29	55974.45703	55919.78010	55974.36328	505569.1	5409035.1
L5570.0	505569.1	5409035.1	17457.09961	313.70	98.76	48.834267	-86.924111	55927.14	56244.7	5.27	55932.41	55974.52344	55926.19579	55980.54297	505569.1	5409035.1
L5570.0	505569.1	5409036.5	17457.19922	313.67	98.07	48.834280	-86.924110	55927.02	56244.7	5.27	55932.29	55974.35156	55927.24070	55981.35547	505569.1	5409036.5
L5570.0	505569.1	5409037.9	17457.30078	310.30	98.07	48.834292	-86.924110	55926.46	56244.7	5.27	55931.72	55973.72656	55918.17248	55972.05078	505569.1	5409037.9
L5570.0	505569.1	5409039.4	17457.40039	310.44	93.62	48.834306	-86.924110	55926.41	56244.7	5.27	55931.67	55973.62109	55920.96174	55974.60547	505569.1	5409039.4
L5570.0	505569.2	5409040.3	17457.50000	314.13	94.39	48.834314	-86.924110	55926.08	56244.7	5.26	55931.34	55973.23828	55917.49092	55970.89844	505569.2	5409040.3
L5570.0	505569.2	5409041.8	17457.59961	314.57	94.39	48.834328	-86.924110	55925.95	56244.7	5.26	55931.22	55973.06250	55918.88905	55972.05859	505569.2	5409041.8
L5570.0	505569.2	5409041.8	17457.69922	314.82	93.13	48.834328	-86.924110	55925.75	56244.7	5.26	55931.01	55972.79688	55918.35189	55971.28125	505569.2	5409041.8
L5570.0	505569.2	5409043.1	17457.80078	315.25	89.63	48.834340	-86.924110	55925.72	56244.7	5.26	55930.99	55972.71875	55922.28518	55974.97656	505569.2	5409043.1
L5570.0	505569.2	5409044.5	17457.90039	317.23	91.44	48.834352	-86.924110	55925.40	56244.7	5.26	55930.66	55972.33203	55919.26109	55971.71484	505569.2	5409044.5
L5570.0	505569.2	5409046.5	17458.00000	315.95	91.44	48.834370	-86.924110	55925.14	56244.7	5.26	55930.40	55972.01563	55917.98116	55970.19531	505569.2	5409046.5
L5570.0	505569.2	5409046.5	17458.09961	315.11	91.75	48.834370	-86.924110	55924.89	56244.7	5.26	55930.15	55971.71094	55917.08850	55969.06641	505569.2	5409046.5
L5570.0	505569.2	5409048.1	17458.19922	316.19	91.75	48.834384	-86.924109	55924.92	56244.7	5.26	55930.18	55971.68359	55922.84037	55974.57813	505569.2	5409048.1
L5570.0	505569.3	5409049.5	17458.30078	315.41	89.78	48.834397	-86.924109	55924.71	56244.7	5.27	55929.98	55971.42578	55923.47461	55974.97266	505569.3	5409049.5
L5570.0	505569.3	5409049.5	17458.40039	315.15	88.59	48.834397	-86.924109	55924.82	56244.7	5.27	55930.08	55971.46484	55931.25685	55982.51953	505569.3	5409049.5
L5570.0	505569.3	5409050.8	17458.50000	316.80	90.93	48.834409	-86.924109	55924.38	56244.7	5.27	55929.65	55970.98047	55926.97575	55978.00000	505569.3	5409050.8
L5570.0	505569.3	5409052.2	17458.59961	315.78	90.93	48.834421	-86.924108	55924.26	56244.7	5.27	55929.53	55970.80078	55930.09334	55980.87891	505569.3	5409052.2
L5570.0	505569.3	5409053.3	17458.69922	314.97	95.18	48.834431	-86.924108	55923.86	56244.7	5.27	55929.13	55970.34375	55926.96474	55977.51563	505569.3	5409053.3
L5570.0	505569.3	5409054.4	17458.80078	314.42	95.18	48.834441	-86.924108	55923.45	56244.7	5.28	55928.72	55969.87500	55923.86291	55974.17578	505569.3	5409054.4
L5570.0	505569.4	5409055.1	17458.90039	314.62	92.15	48.834447	-86.924107	55923.12	56244.7	5.28	55928.40	55969.50000	55923.10515	55973.18359	505569.4	5409055.1
L5570.0	505569.4	5409056.4	17459.00000	314.89	92.15	48.834459	-86.924107	55922.89	56244.7	5.28	55928.17	55969.21094	55924.68404	55974.52734	505569.4	5409056.4
L5570.0	505569.4	5409057.7	17459.09961	314.65	88.45	48.834470	-86.924107	55922.46	56244.7	5.28	55927.74	55968.72266	55921.97103	55971.58203	505569.4	5409057.7
L5570.0	505569.4	5409059.0	17459.19922	314.85	90.15	48.834482	-86.924107	55922.28	56244.7	5.28	55927.56	55968.48828	55925.24842	55974.62500	505569.4	5409059.0
L5570.0	505569.4	5409060.1	17459.30078	314.32	88.48	48.834492	-86.924107	55921.90	56244.7	5.28	55927.18	55968.05078	55924.28002	55973.42578	505569.4	5409060.1
L5570.0	505569.4	5409061.1	17459.40039	313.64	88.48	48.834501	-86.924107	55921.48	56244.7	5.28	55926.76	55967.57422	55922.73589	55971.65234	505569.4	5409061.1
L5570.0	505569.4	5409062.6	17459.50000	313.99	87.65	48.834515	-86.924107	55921.12	56244.7	5.28	55926.40	55967.15625	55922.87130	55971.55859	505569.4	5409062.6
L5570.0	505569.4	5409062.6	17459.59961	313.63	86.05	48.834515	-86.924107	55920.84	56244.7	5.28	55926.12	55966.82422	55925.11377	55973.57422	505569.4	5409062.6
L5570.0	505569.4	5409064.2	17459.69922	313.95	86.05	48.834529	-86.924107	55920.46	56244.7	5.28	55925.74	55966.38672	55925.46464	55973.69531	505569.4	5409064.2
L5570.0	505569.4	5409065.5	17459.80078	314.73	82.08	48.834540	-86.924107	55920.06	56244.7	5.28	55925.34	55965.93359	55925.72341	55973.73047	505569.4	5409065.5
L5570.0	505569.4	5409065.5	17459.90039	313.84	79.46	48.834540	-86.924107	55919.38	56244.7	5.28	55924.66	55965.19922	55920.22946	55968.01172	505569.4	5409065.5
L5570.0	505569.4	5409068.4	17460.00000	313.76	79.46	48.834567	-86.924107	55918.87	56244.7	5.28	55924.15	55964.63672	55918.85401	55966.41797	505569.4	5409068.4
L5570.0	505569.4	5409068.4	17460.09961	313.40	80.1	48.834567	-86.924107	55918.62	56244.7	5.28	55923.90	55964.33203	55923.48335	55970.82422	505569.4	5409068.4
L5570.0	505569.4	5409069.8	17460.19922	312.67	80.1	48.834579	-86.924107	55918.24	56244.7	5.28	55923.52	55963.89844	55925.66048	55972.78516	505569.4	5409069.8
L5570.0	505569.4	5409071.0	17460.30078	313.32	77.14	48.834591	-86.924107	55917.78	56244.7	5.29	55923.07	55963.39844	55926.71726	55973.62500	505569.4	5409071.0
L5570.0	505569.4	5409071.0	17460.40039	312.21	87.29	48.834591	-86.924107	55917.07	56244.7	5.29	55922.36	55962.63672	55922.63125	55969.32422	505569.4	5409071.0
L5570.0	505569.4	5409072.4	17460.50000	311.80	87.29	48.834603	-86.924107	55916.21	56244.7	5.29	55921.50	55961.72656	55915.80228	55962.28516	505569.4	5409072.4
L5570.0	505569.4	5409073.7	17460.59961	313.00	85.76	48.834615	-86.924107	55915.66	56244.7	5.29	55920.95	55961.12500	55916.00181	55962.27344	505569.4	5409073.7
L5570.0	505569.4	5409075.2	17460.69922	312.31	85.76	48.834628	-86.924107	55915.20	56244.7	5.29	55920.50	55960.62500	55918.74534	55964.80859	505569.4	5409075.2
L5570.0	505569.4	5409076.6	17460.80078	312.94	83.15	48.834640	-86.924107	55914.92	56244.7	5.30	55920.22	55960.29688	55925.51312	55971.37109	505569.4	5409076.6
L5570.0	505569.4	5409076.6	17460.90039	312.27	77.78	48.834640	-86.924107	55914.29	56244.7	5.30	55919.59	55959.62109	55925.33961	55970.99219	505569.4	5409076.6
L5570.0	505569.4	5409077.9	17461.00000	313.05	77.78	48.834652	-86.924107	55913.54	56244.7	5.30	55918.84	55958.82422	55923.10268	55968.55469	505569.4	5409077.9
L5570.0	505569.4	5409079.3	17461.09961	312.62	78.52	48.834665	-86.924106	55912.57	56244.7	5.30	55917.87	55957.80859	55916.69402	55961.94922	505569.4	5409079.3
L5570.0	505569.4	5409080.6	17461.19922	312.33	80.78	48.834677	-86.924106	55911.94	56244.7	5.30	55917.24	55957.13281	55917.95442	55963.01172	505569.4	5409080.6
L5570.0	505569.4	5409082.0	17461.30078	311.46	81.31	48.834689	-86.924106	55911.03	56244.7	5.30	55916.33	55956.17969	55913.78047	55958.64453	505569.4	5409082.0
L5570.0	505569.4	5409082.0	17461.40039	311.74	84.02	48.834689	-86.924106	55910.30	56244.7	5.30	55915.60	55955.40625	55913.92831	55958.60156	505569.4	5409082.0
L5570.0	505569.4	5409083.4	17461.50000	312.19	84.02	48.834701	-86.924106	55909.34	56244.7	5.30	55914.64	55954.40234	55909.69404	55954.17969	505569.4	5409083.4
L5570.0	505569.4	5409084.7	17461.59961	313.12	75.25	48.834714	-86.924106	55908.73	56244.7	5.30	55914.03	55953.75000	55913.46651	55957.76563	505569.4	5409084.7
L5570.0	505569.4	5409084.7	17461.69922	314.96	78.74	48.834714	-86.924106	55907.92	56244.7	5.30	55913.22	55952.89844	55913.51852	55957.63281	505569.4	5409084.7
L5570.0	505569.4	5409086.5	17461.80078	315.90	78.74	48.834730	-86.924106	55907.16	56244.7	5.30	55912.46	55952.10156	55915.21106	55959.14453	505569.4	5409086.5
L5570.0	505569.4	5409088.8	17461.90039	314.51	81.98	48.834750	-86.924106	55906.25	56244.7	5.30	55911.55	55951.15234	55914.24650	55958.00000	505569.4	5409088.8
L5570.0	505569.4	5409089.7	17462.00000	314.13	80.73	48.834758	-86.924106	55905.32	56244.7	5.30	55910.62	55950.18359	55913.42786	55957.00781	505569.4	5409089.7
L5570.0	505569.4	5409089.7	17462.09961	314.18	81.68	48.834758	-86.924106	55904.42	56244.7	5.30	55909.72	55949.24609	55913.84711	55957.25391	505569.4	5409089.7
L5570.0	505569.3	5409091.9	17462.19922	315.04	81.68	48.834778	-86.924107	55903.37	56244.7	5.30	55908.67	55948.16016	55911.61619	55954.85156	505569.3	5409091.9
L5570.0	505569.3	5409091.9	17462.30078	316.42	75.79	48.834778	-86.924107	55902.13	56244.7	5.31	55907.43	55946.88672	55905.88545	55948.95313	505569.3	5409091.9
L5570.0	505569.3	5409093.6	17462.40039	317.07	81.71	48.834794	-86.924108	55901.12	56244.7	5.31	55906.43	55945.85156	55905.96362	55948.87109	505569.3	5409093.6
L5570.0	505569.2	5409095.0	17462.50000	316.50	81.71	48.834806	-86.924108	55899.97	56244.7	5.31	55905.28	55944.67188	55903.43534	55946.17969	505569.2	5409095.0
L5570.0	505569.2	5409095.0	17462.59961	314.36	71.35	48.834806	-86.924108	55898.86	56244.7	5.31	55904.17	55943.52734	55902.39951	55944.98438	505569.2	5409095.0
L5570.0	505569.2	5409096.5	17462.69922	313.38	71.35	48.834820	-86.924109	55897.75	56244.7	5.31	55903.06	55942.38672	55901.98946	55944.41797	505569.2	5409096.5
L5570.0	505569.2	5409097.7	17462.80078	314.41	73.62	48.834830	-86.924109	55896.82	56244.7	5.32	55902.13	55941.42969	55905.99513	55948.26953	505569.2	5409097.7
L5570.0	505569.2	5409097.7	17462.90039	313.32	74.74	48.834830	-86.924109	55895.52	56244.7	5.32	55900.84	55940.10938	55903.01827	55945.14453	505569.2	5409097.7
L5570.0	505569.1	5409100.2	17463.00000	313.14	72.72	48.834853	-86.924110	55894.41	56244.7	5.32	55899.73	55938.97266	55904.44533	55946.42578	505569.1	5409100.2
L5570.0	505569.1	5409101.1	17463.09961	313.85	76.01	48.834861	-86.924110	55893.18	56244.7	5.32	55898.49	55937.70313	55903.77699	55945.60938	505569.1	5409101.1
L5570.0	505569.1	5409102.4	17463.19922	314.30	76.01	48.834873	-86.924110	55891.83	56244.7	5.32	55897.15	55936.33984	55901.66480	55943.35547	505569.1	5409102.4
L5570.0	505569.1	5409103.8	17463.30078	313.89	79.4	48.834885	-86.924111	55890.46	56244.7	5.32	55895.78	55934.94531	55899.56755	55941.12109	505569.1	5409103.8

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5570.0	505569.1	5409103.8	17463.40039	313.58	78.72	48.834885	-86.924111	55888.89	56244.7	5.32	55894.21	55933.35156	55893.97431	55935.39063	505569.1	5409103.8
L5570.0	505569.1	5409105.1	17463.50000	309.98	78.72	48.834897	-86.924111	55887.48	56244.7	5.31	55892.79	55931.90625	55892.09961	55933.38281	505569.1	5409105.1
L5570.0	505569.1	5409106.7	17463.59961	307.93	75.28	48.834911	-86.924111	55886.04	56244.7	5.31	55891.35	55930.44531	55890.42686	55931.57813	505569.1	5409106.7
L5570.0	505569.1	5409107.7	17463.69922	308.21	79.37	48.834921	-86.924110	55884.68	56244.7	5.31	55889.99	55929.06641	55891.02561	55932.05078	505569.1	5409107.7
L5570.0	505569.1	5409108.5	17463.80078	308.59	79.37	48.834927	-86.924110	55883.11	56244.7	5.31	55888.42	55927.47656	55887.87644	55928.77344	505569.1	5409108.5
L5570.0	505569.1	5409109.8	17463.90039	309.37	77.68	48.834939	-86.924110	55881.64	56244.7	5.31	55886.95	55925.98438	55887.41266	55928.18750	505569.1	5409109.8
L5570.0	505569.1	5409110.9	17464.00000	310.74	78.58	48.834949	-86.924110	55879.94	56244.7	5.31	55885.25	55924.26953	55882.70613	55923.36328	505569.1	5409110.9
L5570.0	505569.1	5409110.9	17464.09961	311.91	79.34	48.834949	-86.924110	55878.07	56244.7	5.31	55883.38	55922.37891	55874.91596	55915.45313	505569.1	5409110.9
L5570.0	505569.1	5409112.5	17464.19922	313.70	78.49	48.834963	-86.924110	55876.27	56244.7	5.32	55881.59	55920.57422	55869.31066	55909.73047	505569.1	5409112.5
L5570.0	505569.1	5409113.8	17464.30078	314.76	79.81	48.834975	-86.924110	55874.63	56244.7	5.32	55879.95	55918.91797	55867.45857	55907.76563	505569.1	5409113.8
L5570.0	505569.1	5409115.1	17464.40039	315.61	79.81	48.834987	-86.924110	55873.18	56244.7	5.33	55878.51	55917.46484	55870.57896	55910.77734	505569.1	5409115.1
L5570.0	505569.1	5409116.4	17464.50000	316.35	74.93	48.834999	-86.924110	55871.75	56244.7	5.33	55877.08	55916.01953	55874.60651	55914.69531	505569.1	5409116.4
L5570.0	505569.1	5409116.4	17464.59961	315.89	76.28	48.834999	-86.924110	55870.07	56244.7	5.34	55875.41	55914.33594	55873.91037	55913.89453	505569.1	5409116.4
L5570.0	505569.1	5409117.9	17464.69922	315.42	76.97	48.835012	-86.924110	55868.26	56244.7	5.35	55873.60	55912.51563	55870.57838	55910.45703	505569.1	5409117.9
L5570.0	505569.1	5409119.3	17464.80078	316.31	76.97	48.835024	-86.924110	55865.93	56244.7	5.35	55871.28	55910.18359	55855.90343	55895.68359	505569.1	5409119.3
L5570.0	505569.1	5409120.1	17464.90039	315.80	76.46	48.835032	-86.924110	55864.18	56244.6	5.36	55869.54	55908.43359	55855.05697	55894.73828	505569.1	5409120.1
L5570.0	505569.1	5409121.3	17465.00000	316.15	61.89	48.835042	-86.924110	55862.46	56244.6	5.36	55867.82	55906.70313	55855.22118	55894.80469	505569.1	5409121.3
L5570.0	505569.1	5409122.6	17465.09961	316.58	61.89	48.835054	-86.924110	55860.69	56244.6	5.36	55866.05	55904.92188	55854.72362	55894.21094	505569.1	5409122.6
L5570.0	505569.1	5409123.9	17465.19922	316.06	65.24	48.835066	-86.924109	55858.77	56244.6	5.36	55864.13	55902.99219	55851.09739	55890.49219	505569.1	5409123.9
L5570.0	505569.2	5409125.0	17465.30078	315.47	71.5	48.835076	-86.924109	55857.02	56244.6	5.36	55862.38	55901.23438	55852.03899	55891.33984	505569.2	5409125.0
L5570.0	505569.2	5409125.0	17465.40039	314.96	70.53	48.835076	-86.924109	55855.08	56244.6	5.36	55860.44	55899.28516	55848.79234	55888.00391	505569.2	5409125.0
L5570.0	505569.2	5409127.2	17465.50000	316.47	70.53	48.835096	-86.924109	55853.10	56244.6	5.36	55858.46	55897.30078	55844.95473	55884.08203	505569.2	5409127.2
L5570.0	505569.2	5409127.2	17465.59961	315.46	69.69	48.835096	-86.924109	55850.98	56244.6	5.36	55856.34	55895.17188	55838.03999	55877.07813	505569.2	5409127.2
L5570.0	505569.2	5409128.6	17465.69922	315.02	74.23	48.835108	-86.924108	55848.93	56244.6	5.36	55854.29	55893.11719	55833.18351	55872.13672	505569.2	5409128.6
L5570.0	505569.2	5409130.2	17465.80078	316.62	74.53	48.835122	-86.924108	55846.91	56244.6	5.36	55852.27	55891.08984	55829.37775	55868.25000	505569.2	5409130.2
L5570.0	505569.2	5409131.5	17465.90039	316.08	74.53	48.835134	-86.924108	55844.88	56244.6	5.36	55850.24	55889.05469	55825.60684	55864.39844	505569.2	5409131.5
L5570.0	505569.2	5409132.8	17466.00000	315.88	73.5	48.835146	-86.924108	55842.76	56244.6	5.36	55848.12	55886.92969	55819.88055	55858.58984	505569.2	5409132.8
L5570.0	505569.2	5409132.8	17466.09961	316.99	72.66	48.835146	-86.924108	55840.84	56244.6	5.36	55846.20	55885.00391	55819.25147	55857.88281	505569.2	5409132.8
L5570.0	505569.2	5409134.3	17466.19922	317.18	67.43	48.835160	-86.924108	55838.81	56244.6	5.36	55844.17	55882.96875	55816.10342	55854.65625	505569.2	5409134.3
L5570.0	505569.3	5409135.7	17466.30078	317.63	67.5	48.835172	-86.924108	55836.62	56244.6	5.36	55841.98	55880.77344	55809.21218	55847.68750	505569.3	5409135.7
L5570.0	505569.3	5409137.0	17466.40039	316.52	67.5	48.835184	-86.924108	55834.48	56244.6	5.36	55839.84	55878.63281	55803.64576	55842.04688	505569.3	5409137.0
L5570.0	505569.3	5409137.0	17466.50000	313.85	58.9	48.835184	-86.924108	55832.44	56244.6	5.36	55837.80	55876.58594	55800.55964	55838.88672	505569.3	5409137.0
L5570.0	505569.3	5409138.3	17466.59961	314.80	58.9	48.835196	-86.924108	55830.52	56244.6	5.36	55835.88	55874.66406	55800.37271	55838.62500	505569.3	5409138.3
L5570.0	505569.2	5409139.9	17466.69922	315.05	61.87	48.835210	-86.924108	55828.59	56244.6	5.36	55833.95	55872.73047	55799.91632	55838.09375	505569.2	5409139.9
L5570.0	505569.2	5409140.6	17466.80078	315.78	67.3	48.835217	-86.924108	55826.52	56244.6	5.36	55831.88	55870.65625	55796.06118	55834.16797	505569.2	5409140.6
L5570.0	505569.2	5409141.7	17466.90039	314.87	73.29	48.835226	-86.924108	55824.52	56244.6	5.36	55829.88	55868.65234	55793.79081	55831.82422	505569.2	5409141.7
L5570.0	505569.2	5409143.2	17467.00000	314.19	73.28	48.835240	-86.924108	55822.55	56244.6	5.36	55827.91	55866.67969	55792.10403	55830.06641	505569.2	5409143.2
L5570.0	505569.2	5409143.2	17467.09961	314.09	73.28	48.835240	-86.924108	55820.52	56244.6	5.36	55825.89	55864.65234	55789.07608	55826.96875	505569.2	5409143.2
L5570.0	505569.2	5409145.9	17467.19922	313.35	73.5	48.835264	-86.924109	55818.56	56244.6	5.36	55823.92	55862.67969	55787.02518	55824.84766	505569.2	5409145.9
L5570.0	505569.2	5409145.9	17467.30078	313.55	63.08	48.835264	-86.924109	55816.58	56244.6	5.37	55821.94	55860.69531	55784.50495	55822.25781	505569.2	5409145.9
L5570.0	505569.2	5409146.9	17467.40039	313.49	63.08	48.835273	-86.924109	55814.66	56244.6	5.37	55820.02	55858.77344	55783.10115	55820.78516	505569.2	5409146.9
L5570.0	505569.1	5409148.5	17467.50000	313.75	61.86	48.835287	-86.924109	55812.66	56244.6	5.37	55818.03	55856.77734	55779.77112	55817.38672	505569.1	5409148.5
L5570.0	505569.1	5409149.3	17467.59961	316.74	63.16	48.835295	-86.924109	55810.66	56244.6	5.37	55816.03	55854.77344	55775.87945	55813.42188	505569.1	5409149.3
L5570.0	505569.1	5409150.2	17467.69922	316.79	63.51	48.835303	-86.924109	55808.74	56244.6	5.37	55814.11	55852.84766	55773.43152	55810.90625	505569.1	5409150.2
L5570.0	505569.1	5409151.5	17467.80078	316.38	63.51	48.835315	-86.924109	55806.79	56244.6	5.38	55812.17	55850.90234	55770.11194	55807.51563	505569.1	5409151.5
L5570.0	505569.1	5409152.8	17467.90039	315.57	67.92	48.835326	-86.924109	55804.86	56244.6	5.38	55810.24	55848.96484	55766.56434	55803.89844	505569.1	5409152.8
L5570.0	505569.1	5409152.8	17468.00000	315.81	73.5	48.835326	-86.924109	55802.90	56244.6	5.38	55808.28	55847.00000	55761.86989	55799.13672	505569.1	5409152.8
L5570.0	505569.1	5409154.3	17468.09961	315.63	71.25	48.835340	-86.924110	55801.02	56244.6	5.38	55806.40	55845.11328	55758.41365	55795.60938	505569.1	5409154.3
L5570.0	505569.1	5409155.9	17468.19922	314.93	71.62	48.835354	-86.924110	55799.25	56244.6	5.38	55804.64	55843.34375	55756.97949	55794.10156	505569.1	5409155.9
L5570.0	505569.1	5409157.1	17468.30078	310.72	71.62	48.835365	-86.924109	55797.36	56244.6	5.38	55802.74	55841.43750	55751.90247	55788.95703	505569.1	5409157.1
L5570.0	505569.1	5409158.1	17468.40039	310.07	63.13	48.835374	-86.924109	55795.58	56244.6	5.38	55800.96	55839.64844	55748.75014	55785.73047	505569.1	5409158.1
L5570.0	505569.1	5409159.5	17468.50000	312.32	65.15	48.835386	-86.924109	55793.74	56244.6	5.39	55799.12	55837.80078	55743.64414	55780.55469	505569.1	5409159.5
L5570.0	505569.1	5409160.6	17468.59961	313.81	65.15	48.835396	-86.924109	55792.12	56244.6	5.39	55797.51	55836.17969	55742.62849	55779.46484	505569.1	5409160.6
L5570.0	505569.1	5409161.9	17468.69922	312.91	69.63	48.835408	-86.924109	55790.50	56244.6	5.39	55795.89	55834.55078	55740.59734	55777.35938	505569.1	5409161.9
L5570.0	505569.1	5409161.9	17468.80078	313.59	69.63	48.835408	-86.924109	55788.93	56244.6	5.39	55794.32	55832.96875	55738.75482	55775.44531	505569.1	5409161.9
L5570.0	505569.1	5409163.2	17468.90039	312.73	74.38	48.835420	-86.924109	55787.42	56244.6	5.39	55792.81	55831.44922	55737.25077	55773.86328	505569.1	5409163.2
L5570.0	505569.1	5409164.3	17469.00000	309.11	74.38	48.835429	-86.924109	55785.87	56244.6	5.39	55791.26	55829.88672	55734.02118	55770.55859	505569.1	5409164.3
L5570.0	505569.1	5409165.6	17469.09961	308.45	74.9	48.835441	-86.924109	55784.46	56244.6	5.39	55789.85	55828.46484	55732.65211	55769.11328	505569.1	5409165.6
L5570.0	505569.1	5409167.1	17469.19922	308.80	74.9	48.835454	-86.924109	55782.96	56244.6	5.39	55788.35	55826.94922	55728.49504	55764.87891	505569.1	5409167.1
L5570.0	505569.1	5409167.1	17469.30078	310.33	74.64	48.835454	-86.924109	55781.62	56244.6	5.40	55787.01	55825.59375	55726.49592	55762.80078	505569.1	5409167.1
L5570.0	505569.1	5409168.0	17469.40039	311.14	74.38	48.835463	-86.924109	55780.36	56244.6	5.40	55785.75	55824.32031	55725.00268	55761.22656	505569.1	5409168.0
L5570.0	505569.2	5409169.5	17469.50000	312.65	74.38	48.835476	-86.924109	55778.99	56244.6	5.40	55784.39	55822.94141	55720.45201	55756.59766	505569.2	5409169.5
L5570.0	505569.2	5409171.3	17469.59961	312.56	63.23	48.835492	-86.924108	55777.77	56244.6	5.40	55783.18	55821.71484	55717.72457	55753.78516	505569.2	5409171.3
L5570.0	505569.2	5409172.6	17469.69922	313.80	63.23	48.835504	-86.924108	55776.74	56244.6	5.40	55782.14	55820.65625	55717.17281	55753.15234	505569.2	5409172.6
L5570.0	505569.2	5409172.6	17469.80078	312.85	66.33	48.835504	-86.924108	55775.63	56244.6	5.41	55781.04	55819.53906	55714.28197	55750.17578	505569.2	5409172.6
L5570.0	505569.2	5409173.7	17469.90039	312.10	66.33	48.835514	-86.924109	55774.71	56244.6	5.41	55780.12	55818.59766	55713.70831	55749.51563	505569.2	5409173.7
L5570.0	505569.1	5409175.2	17470.00000	312.05	71.78	48.835528	-86.924109	55774.01	56244.6	5.41	55779.42	55817.87500	55716.19778	55751.92188	505569.1	5409175.2
L5570.0	505569.1	5409176.3	17470.09961	311.67	71.54	48.835538	-86.924109	55773.15	56244.6	5.41	55778.56	55816.99219	55714.37145	55750.00391	505569.1	5409176.3
L5570.0	505569.1	5409177.4	17470.19922	312.18	71.05	48.835548	-86.924109	55772.38	56244.6	5.41	55777.79	55816.19922	55713.06670	55748.60938	505569.1	5409177.4
L5570.0	505569.1	5409177.4	17470.30078	312.27	69.47	48.835548	-86.924109	55771.61	56244.6	5.41	55777.01	55815.39453	55710.35033	55745.80469	505569.1	5409177.4
L5570.0	505569.1	5409179.2	17470.40039	311.75	69.47	48.835563	-86.924109	55771.05	56244.6	5.41	55776.45	55814.81250	55710.64287	55746.00391	505569.1	5409179.2
L5570.0	505569.1	5409180.7	17470.50000	312.42	68.91	48.835577	-86.924109	55770.57	56244.6	5.41	55775.97	55814.30469	55711.22926	55746.50000	505569.1	5409180.7
L5570.0	505569.1	5409181.9	17470.59961	311.38	66.19	48.835587	-86.924109	55770.06	56244.6	5.40	55775.46	55813.76563	55710.00848	55745.18359	505569.1	5409181.9
L5570.0	505569.1	5409181.9	17470.69922	312.73	70.5	48.835587	-86.924109	55769.74	56244.6	5.40	55775.14	55813.41797	55711.14536	55746.22266	505569.1	5409181.9
L5570.0	505569.1	5409183.1	17470.80078	311.25	70.5	48.835599	-86.924110	55769.50	56244.6	5.40	55774.90	55813.14844	55712.51200	55747.49609	505569.1	5409183.1
L5570.0	505569.0	5409184.2	17470.90039	311.07	70.43	48.835609	-86.924110	55769.25	56244.6	5.40	55774.65	55812.86719	55712.40607	55747.28906	505569.0	5409184.2
L5570.0	505569.0	5409185.4	17471.00000	311.50	69.71	48.835619	-86.924110	55769.28	56244.6	5.40	55774.68	55812.86719	55716.17750	55750.96484	505569.0	5409185.4
L5570.0	505569.0	5409186.6	17471.09961	310.99	69.71	48.835630	-86.924110	55769.13	56244.6	5.40	55774.53	55812.68359	55715.31213	55749.99609	505569.0	5409186.6
L5570.0	505569.0	5409188.1	17471.19922	311.13	70.16	48.835644	-86.924111	55769.05	56244.6	5.41	55774.46	55812.58203	55714.61024	55749.19141	505569.0	5409188.1
L5570.0	505569.0	5409189.0	17471.30078	310.89	70.24	48.835652	-86.924111	55768.90	56244.6	5.42	55774.31	55812.39453	55711.18667	55745.66797	505569.0	5409189.0
L5570.0	505569.0	5409189.0	17471.40039	310.75	70.24	48.835652	-86.924111	55768.97	56244.6	5.42	55774.39	55812.44141	55710.60311	55744.98047	505569.0	5409189.0
L5570.0	505568.9	5409190.8	17471.50000	311.59	69.94	48.835668	-86.924111	55768.97	56244.6	5.42	55774.40	55812.41406	55707.48681	55741.75781	505568.9	5409190.8
L5570.0	505568.9	5409192.2	17471.59961	311.39	69.27	48.835680	-86.924111	55769.34	56244.6	5.43	55774.77	55812.74609	55709.40714	55743.57031	505568.9	5409192.2
L5570.0	505568.9	5409192.2	17471.69922	310.63	68.31	48.835680	-86.924111	55769.81	56244.6	5.43	55775.24	55813.17578	55711.73020	55745.78906	505568.9	5409192.2
L5570.0	505568.9	5409194.0	17471.80078	309.22	68.31	48.835696	-86.924112	55770.49	56244.6	5.44	55775.93	55813.82813	55716.54080	55750.48828	505568.9	5409194.0
L5570.0	505568.9	5409195.3	17471.90039	308.50	62.89	48.835708	-86.924112	55770.90	56244.6	5.44	55776.34	55814.19531	55715.19163	55749.03125	505568.9	5409195.3
L5570.0	505568.9	5409195.3	17472.00000	308.22	68.62	48.835708	-86.924112	55771.78	56244.6	5.45	55777.23	55815.04688	55720.86436	55754.59375	505568.9	5409195.3
L5570.0	505568.9	5409196.9	17472.09961	308.45	70.98	48.835722	-86.924112	55772.31	56244.6	5.45	55777.76	55815.53125	55719.07748	55752.69922	505568.9	5409196.9
L5570.0	505568.9	5409198.3	17472.19922	309.44	70.98	48.835735	-86.924112	55773.23	56244.6	5.45	55778.67	55816.39844	55722.61908	55756.12891	505568.9	5409198.3
L5570.0	505568.9	5409199.6	17472.30078	308.98	70.58	48.835747	-86.924111	55773.81	56244.6	5.44	55779.25	55816.93359	55719.28752	55752.68359	505568.9	5409199.6
L5570.0	505568.9	5409199.6	17472.40039	308.72	70.03	48.835747	-86.924111	55774.71	56244.6	5.44	55780.16	55817.80078	55720.46543	55753.75000	505568.9	5409199.6
L5570.0	505568.9	5409201.4	17472.50000	309.31	72.07	48.835763	-86.924111	55775.57	56244.6	5.44	55781.01	55818.60156	55719.44226	55752.61328	505568.9	5409201.4
L5570.0	505569.0	5409202.7	17472.59961	308.54	72.42	48.835775	-86.924110	55776.69	56244.6	5.44	55782.13	55819.67578	55721.92088	55754.97656	505569.0	5409202.7

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5570.0	505569.0	5409203.9	17472.69922	310.27	72.42	48.835785	-86.924110	55777.78	56244.6	5.44	55783.22	55820.71875	55722.74036	55755.68359	505569.0	5409203.9
L5570.0	505569.1	5409205.2	17472.80078	310.66	72.85	48.835797	-86.924109	55778.98	56244.6	5.43	55784.41	55821.85938	55724.16519	55756.99219	505569.1	5409205.2
L5570.0	505569.1	5409206.3	17472.90039	311.23	70.78	48.835807	-86.924109	55780.26	56244.6	5.43	55785.69	55823.08984	55726.04914	55758.76563	505569.1	5409206.3
L5570.0	505569.2	5409207.8	17473.00000	311.06	73.64	48.835821	-86.924108	55781.94	56244.6	5.43	55787.37	55824.72266	55733.92115	55766.52344	505569.2	5409207.8
L5570.0	505569.2	5409207.8	17473.09961	311.53	73.64	48.835821	-86.924108	55783.68	56244.6	5.43	55789.11	55826.41016	55741.91522	55774.40234	505569.2	5409207.8
L5570.0	505569.2	5409209.0	17473.19922	311.36	69.64	48.835831	-86.924107	55785.18	56244.6	5.44	55790.62	55827.87109	55744.85902	55777.23047	505569.2	5409209.0
L5570.0	505569.2	5409210.1	17473.30078	310.84	64.86	48.835841	-86.924107	55786.71	56244.6	5.44	55792.16	55829.35938	55747.39048	55779.64844	505569.2	5409210.1
L5570.0	505569.3	5409211.5	17473.40039	311.14	67	48.835854	-86.924106	55788.00	56244.5	5.45	55793.45	55830.59766	55744.34546	55776.48828	505569.3	5409211.5
L5570.0	505569.3	5409212.4	17473.50000	310.34	68.96	48.835862	-86.924106	55789.43	56244.5	5.46	55794.89	55831.98438	55743.05938	55775.08984	505569.3	5409212.4
L5570.0	505569.3	5409214.0	17473.59961	310.01	70.99	48.835876	-86.924105	55790.95	56244.5	5.46	55796.41	55833.45313	55742.32659	55774.24219	505569.3	5409214.0
L5570.0	505569.4	5409215.4	17473.69922	310.45	70.99	48.835889	-86.924105	55792.72	56244.5	5.47	55798.18	55835.16797	55745.54690	55777.35156	505569.4	5409215.4
L5570.0	505569.4	5409215.4	17473.80078	310.58	76.33	48.835889	-86.924105	55794.47	56244.5	5.47	55799.94	55836.87500	55747.82627	55779.51563	505569.4	5409215.4
L5570.0	505569.4	5409216.9	17473.90039	310.93	79.57	48.835903	-86.924105	55796.27	56244.5	5.48	55801.74	55838.62109	55750.17931	55781.76172	505569.4	5409216.9
L5570.0	505569.4	5409217.8	17474.00000	309.47	79.57	48.835911	-86.924105	55798.32	56244.5	5.48	55803.80	55840.62891	55757.17386	55788.64453	505569.4	5409217.8
L5570.0	505569.4	5409218.8	17474.09961	308.67	73.19	48.835920	-86.924105	55800.27	56244.5	5.48	55805.75	55842.52344	55761.38265	55792.74219	505569.4	5409218.8
L5570.0	505569.4	5409220.3	17474.19922	309.46	73.19	48.835934	-86.924105	55802.23	56244.5	5.48	55807.71	55844.42969	55765.25321	55796.50781	505569.4	5409220.3
L5570.0	505569.4	5409220.3	17474.30078	315.73	72.87	48.835934	-86.924105	55804.19	56244.5	5.48	55809.67	55846.33594	55768.60121	55799.74609	505569.4	5409220.3
L5570.0	505569.3	5409222.9	17474.40039	316.85	85.24	48.835957	-86.924105	55806.11	56244.5	5.48	55811.58	55848.19141	55770.35805	55801.39844	505569.3	5409222.9
L5570.0	505569.3	5409224.2	17474.50000	315.53	85.24	48.835968	-86.924106	55808.08	56244.5	5.48	55813.55	55850.10547	55772.93989	55803.87891	505569.3	5409224.2
L5570.0	505569.3	5409224.2	17474.59961	315.43	84.26	48.835968	-86.924106	55809.92	56244.5	5.47	55815.40	55851.90234	55772.38903	55803.22656	505569.3	5409224.2
L5570.0	505569.3	5409225.3	17474.69922	315.31	72.65	48.835978	-86.924106	55811.98	56244.5	5.47	55817.45	55853.89844	55775.91093	55806.64453	505569.3	5409225.3
L5570.0	505569.3	5409226.4	17474.80078	316.29	72.65	48.835988	-86.924106	55814.15	56244.5	5.47	55819.62	55856.01172	55781.86824	55812.50391	505569.3	5409226.4
L5570.0	505569.3	5409227.7	17474.90039	316.74	75.68	48.836000	-86.924106	55816.24	56244.5	5.47	55821.71	55858.05078	55785.73760	55816.27734	505569.3	5409227.7
L5570.0	505569.3	5409229.1	17475.00000	316.86	75.68	48.836012	-86.924106	55818.05	56244.5	5.47	55823.52	55859.80859	55782.81992	55813.26563	505569.3	5409229.1
L5570.0	505569.3	5409230.5	17475.09961	315.95	86.94	48.836025	-86.924106	55820.02	56244.5	5.47	55825.49	55861.72266	55783.39168	55813.74609	505569.3	5409230.5
L5570.0	505569.3	5409230.5	17475.19922	314.42	85.42	48.836025	-86.924106	55822.09	56244.5	5.47	55827.56	55863.74219	55786.15591	55816.42188	505569.3	5409230.5
L5570.0	505569.3	5409231.8	17475.30078	315.85	84.67	48.836037	-86.924106	55824.40	56244.5	5.47	55829.87	55866.00000	55794.49628	55824.67578	505569.3	5409231.8
L5570.0	505569.3	5409233.1	17475.40039	315.94	84.67	48.836048	-86.924106	55826.52	56244.5	5.47	55831.99	55868.07031	55798.26202	55828.35547	505569.3	5409233.1
L5570.0	505569.3	5409234.8	17475.50000	316.45	86.58	48.836063	-86.924105	55828.84	56244.5	5.47	55834.32	55870.34766	55806.92294	55836.93750	505569.3	5409234.8
L5570.0	505569.3	5409235.8	17475.59961	316.60	86.58	48.836073	-86.924105	55830.84	56244.5	5.48	55836.32	55872.29688	55807.74023	55837.67578	505569.3	5409235.8
L5570.0	505569.3	5409235.8	17475.69922	315.67	88.6	48.836073	-86.924105	55833.07	56244.5	5.48	55838.55	55874.48047	55813.92827	55843.78516	505569.3	5409235.8
L5570.0	505569.3	5409237.1	17475.80078	314.49	88.46	48.836085	-86.924105	55835.07	56244.5	5.48	55840.54	55876.42188	55814.50786	55844.29297	505569.3	5409237.1
L5570.0	505569.4	5409238.3	17475.90039	314.06	88.46	48.836095	-86.924105	55837.29	56244.5	5.48	55842.77	55878.60156	55820.65113	55850.36719	505569.4	5409238.3
L5570.0	505569.4	5409238.3	17476.00000	310.38	86.25	48.836095	-86.924105	55839.14	56244.5	5.48	55844.63	55880.41797	55818.35215	55848.00391	505569.4	5409238.3
L5570.0	505569.4	5409239.9	17476.09961	311.10	86.25	48.836110	-86.924105	55841.39	56244.5	5.48	55846.88	55882.62109	55824.98349	55854.57422	505569.4	5409239.9
L5570.0	505569.4	5409241.2	17476.19922	311.90	88.38	48.836121	-86.924105	55843.21	56244.5	5.48	55848.70	55884.39453	55822.01196	55851.54297	505569.4	5409241.2
L5570.0	505569.4	5409242.5	17476.30078	315.16	92.36	48.836133	-86.924105	55845.64	56244.5	5.48	55851.13	55886.78125	55832.71352	55862.18750	505569.4	5409242.5
L5570.0	505569.3	5409243.8	17476.40039	315.84	92.36	48.836145	-86.924105	55847.56	56244.5	5.48	55853.04	55888.65234	55831.98195	55861.40625	505569.3	5409243.8
L5570.0	505569.3	5409243.8	17476.50000	315.06	87.37	48.836145	-86.924105	55849.92	56244.5	5.48	55855.40	55890.96875	55841.21534	55870.59375	505569.3	5409243.8
L5570.0	505569.3	5409245.4	17476.59961	314.00	85.05	48.836159	-86.924105	55851.66	56244.5	5.48	55857.14	55892.67188	55837.10849	55866.44531	505569.3	5409245.4
L5570.0	505569.3	5409246.9	17476.69922	313.15	85.05	48.836172	-86.924105	55853.84	56244.5	5.48	55859.32	55894.81250	55842.69626	55871.99219	505569.3	5409246.9
L5570.0	505569.3	5409246.9	17476.80078	311.42	83.37	48.836172	-86.924105	55855.63	56244.5	5.48	55861.11	55896.56641	55840.11722	55869.37891	505569.3	5409246.9
L5570.0	505569.3	5409248.2	17476.90039	312.12	77.64	48.836184	-86.924106	55857.82	56244.5	5.48	55863.30	55898.71875	55846.27962	55875.51172	505569.3	5409248.2
L5570.0	505569.3	5409249.7	17477.00000	311.50	77.64	48.836198	-86.924106	55859.68	56244.5	5.48	55865.16	55900.54688	55845.66290	55874.87109	505569.3	5409249.7
L5570.0	505569.3	5409251.0	17477.09961	312.68	79.08	48.836210	-86.924106	55862.08	56244.5	5.48	55867.56	55902.91406	55856.64325	55885.83203	505569.3	5409251.0
L5570.0	505569.3	5409251.0	17477.19922	312.37	79.83	48.836210	-86.924106	55864.04	56244.5	5.48	55869.51	55904.83203	55858.39779	55887.57031	505569.3	5409251.0
L5570.0	505569.3	5409252.5	17477.30078	313.61	79.83	48.836223	-86.924106	55866.26	56244.5	5.47	55871.73	55907.02344	55866.04454	55895.20703	505569.3	5409252.5
L5570.0	505569.3	5409254.1	17477.40039	313.88	76.78	48.836237	-86.924106	55868.08	56244.5	5.47	55873.55	55908.81641	55865.64424	55894.80078	505569.3	5409254.1
L5570.0	505569.3	5409255.5	17477.50000	315.58	76.78	48.836250	-86.924106	55870.13	56244.5	5.47	55875.60	55910.84375	55870.31303	55899.46875	505569.3	5409255.5
L5570.0	505569.3	5409256.7	17477.59961	317.49	74.09	48.836260	-86.924106	55871.82	56244.5	5.47	55877.29	55912.50781	55867.86800	55897.02734	505569.3	5409256.7
L5570.0	505569.3	5409258.0	17477.69922	317.01	74.09	48.836272	-86.924106	55873.97	56244.5	5.47	55879.44	55914.63672	55875.21712	55904.38672	505569.3	5409258.0
L5570.0	505569.3	5409258.0	17477.80078	315.83	77.97	48.836272	-86.924106	55875.67	56244.5	5.46	55881.13	55916.30859	55873.46373	55902.64453	505569.3	5409258.0
L5570.0	505569.2	5409259.4	17477.90039	312.94	77.83	48.836285	-86.924106	55877.69	56244.5	5.46	55883.15	55918.30859	55878.81281	55908.01563	505569.2	5409259.4
L5570.0	505569.2	5409261.1	17478.00000	313.45	77.83	48.836300	-86.924106	55879.28	56244.5	5.46	55884.74	55919.88281	55875.76664	55904.99609	505569.2	5409261.1
L5570.0	505569.2	5409262.0	17478.09961	312.31	77.64	48.836309	-86.924106	55881.23	56244.5	5.46	55886.69	55921.82031	55880.41375	55909.67188	505569.2	5409262.0
L5570.0	505569.2	5409263.3	17478.19922	311.40	77.64	48.836320	-86.924106	55883.08	56244.5	5.46	55888.54	55923.65625	55883.40544	55912.69922	505569.2	5409263.3
L5570.0	505569.2	5409263.3	17478.30078	312.05	71.18	48.836320	-86.924106	55885.00	56244.5	5.47	55890.47	55925.57813	55888.38862	55917.72656	505569.2	5409263.3
L5570.0	505569.2	5409264.5	17478.40039	311.30	71.18	48.836331	-86.924106	55886.54	56244.5	5.47	55892.01	55927.10938	55885.92877	55915.31250	505569.2	5409264.5
L5570.0	505569.2	5409265.4	17478.50000	311.37	73.8	48.836339	-86.924106	55888.52	56244.5	5.47	55893.99	55929.08594	55892.70206	55922.14063	505569.2	5409265.4
L5570.0	505569.2	5409266.7	17478.59961	311.99	73.8	48.836351	-86.924107	55890.46	56244.5	5.47	55895.93	55931.02344	55899.07261	55928.57031	505569.2	5409266.7
L5570.0	505569.2	5409268.2	17478.69922	310.17	68.72	48.836364	-86.924107	55892.56	56244.5	5.47	55898.04	55933.13281	55909.25710	55938.82031	505569.2	5409268.2
L5570.0	505569.2	5409269.8	17478.80078	309.05	68.72	48.836379	-86.924107	55893.98	56244.5	5.48	55899.45	55934.54297	55905.89466	55935.52734	505569.2	5409269.8
L5570.0	505569.2	5409269.8	17478.90039	310.93	73.15	48.836379	-86.924107	55895.63	56244.5	5.48	55901.11	55936.20703	55907.97516	55937.68359	505569.2	5409269.8
L5570.0	505569.2	5409271.2	17479.00000	310.36	73.15	48.836391	-86.924107	55896.99	56244.5	5.48	55902.47	55937.57422	55904.48834	55934.28125	505569.2	5409271.2
L5570.0	505569.2	5409272.7	17479.09961	311.53	69.89	48.836405	-86.924107	55898.66	56244.5	5.48	55904.14	55939.25000	55907.67811	55937.55859	505569.2	5409272.7
L5570.0	505569.2	5409272.7	17479.19922	312.02	69.89	48.836405	-86.924107	55899.90	56244.5	5.48	55905.38	55940.50000	55902.61120	55932.58203	505569.2	5409272.7
L5570.0	505569.2	5409274.2	17479.30078	313.40	74.79	48.836418	-86.924107	55901.52	56244.5	5.48	55907.00	55942.13281	55905.70460	55935.77734	505569.2	5409274.2
L5570.0	505569.2	5409275.7	17479.40039	312.05	74.79	48.836432	-86.924107	55902.93	56244.5	5.48	55908.41	55943.55859	55904.95449	55935.13281	505569.2	5409275.7
L5570.0	505569.2	5409277.2	17479.50000	312.27	75.57	48.836445	-86.924107	55904.71	56244.5	5.48	55910.19	55945.35938	55912.39757	55942.68750	505569.2	5409277.2
L5570.0	505569.1	5409278.2	17479.59961	308.18	75.57	48.836454	-86.924107	55906.20	56244.5	5.48	55911.68	55946.86719	55914.32807	55944.73438	505569.1	5409278.2
L5570.0	505569.1	5409278.2	17479.69922	307.94	74.58	48.836454	-86.924107	55907.62	56244.5	5.48	55913.10	55948.30859	55915.27606	55945.80469	505569.1	5409278.2
L5570.0	505569.1	5409280.0	17479.80078	314.08	74.58	48.836470	-86.924108	55908.98	56244.5	5.48	55914.46	55949.69531	55915.42583	55946.08594	505569.1	5409280.0
L5570.0	505569.1	5409281.2	17479.90039	314.33	74.37	48.836481	-86.924108	55910.37	56244.5	5.48	55915.85	55951.11328	55916.72646	55947.51953	505569.1	5409281.2
L5570.0	505569.1	5409282.7	17480.00000	314.47	74.37	48.836495	-86.924108	55911.91	56244.5	5.48	55917.39	55952.67969	55921.87714	55952.81250	505569.1	5409282.7
L5570.0	505569.1	5409282.7	17480.09961	315.69	75.19	48.836495	-86.924108	55913.33	56244.5	5.48	55918.81	55954.13281	55924.94915	55956.03125	505569.1	5409282.7
L5570.0	505569.1	5409284.0	17480.19922	314.35	74.36	48.836506	-86.924108	55914.85	56244.5	5.48	55920.32	55955.67578	55930.61413	55961.84766	505569.1	5409284.0
L5570.0	505569.0	5409285.3	17480.30078	314.66	74.36	48.836518	-86.924109	55916.04	56244.5	5.47	55921.51	55956.90234	55929.60344	55960.99219	505569.0	5409285.3
L5570.0	505569.0	5409286.7	17480.40039	314.56	75.1	48.836531	-86.924109	55917.33	56244.5	5.47	55922.80	55958.23438	55931.37958	55962.93359	505569.0	5409286.7
L5570.0	505569.0	5409286.7	17480.50000	312.80	75.1	48.836531	-86.924109	55918.49	56244.5	5.47	55923.96	55959.43359	55930.70852	55962.42969	505569.0	5409286.7
L5570.0	505569.0	5409288.5	17480.59961	313.87	71.99	48.836547	-86.924109	55919.78	56244.5	5.47	55925.25	55960.76563	55933.54628	55965.44141	505569.0	5409288.5
L5570.0	505569.0	5409289.8	17480.69922	317.33	71.99	48.836558	-86.924109	55920.84	56244.5	5.47	55926.31	55961.87109	55931.62639	55963.69922	505569.0	5409289.8
L5570.0	505569.0	5409289.8	17480.80078	318.24	72.54	48.836558	-86.924109	55922.14	56244.5	5.46	55927.60	55963.21094	55935.51921	55967.77734	505569.0	5409289.8
L5570.0	505569.0	5409291.2	17480.90039	318.86	72.54	48.836571	-86.924109	55923.25	56244.5	5.46	55928.71	55964.37109	55935.80008	55968.25000	505569.0	5409291.2
L5570.0	505569.0	5409292.5	17481.00000	318.72	73.67	48.836583	-86.924109	55924.43	56244.5	5.46	55929.89	55965.60156	55938.19526	55970.83984	505569.0	5409292.5
L5570.0	505569.0	5409292.5	17481.09961	316.61	72.43	48.836583	-86.924109	55925.45	56244.5	5.46	55930.91	55966.67578	55937.47151	55970.31641	505569.0	5409292.5
L5570.0	505569.0	5409293.9	17481.19922	314.46	72.43	48.836596	-86.924109	55926.71	56244.5	5.47	55932.18	55968.00391	55942.87017	55975.91797	505569.0	5409293.9
L5570.0	505569.0	5409295.3	17481.30078	313.58	70.79	48.836608	-86.924109	55927.70	56244.5	5.47	55933.17	55969.05078	55942.48205	55975.74219	505569.0	5409295.3
L5570.0	505569.0	5409297.2	17481.40039	313.25	70.79	48.836625	-86.924109	55928.89	56244.5	5.47	55934.36	55970.30078	55946.98487	55980.45703	505569.0	5409297.2
L5570.0	505569.0	5409297.2	17481.50000	314.18	69.61	48.836625	-86.924109	55929.75	56244.5	5.47	55935.22	55971.22656	55944.75149	55978.44531	505569.0	5409297.2
L5570.0	505569.0	5409298.4	17481.59961	311.46	69.87	48.836636	-86.924109	55930.71	56244.5	5.48	55936.18	55972.25000	55945.20125	55979.11719	505569.0	5409298.4
L5570.0	505569.0	5409299.9	17481.69922	312.65	69.87	48.836649	-86.924109	55931.54	56244.5	5.48	55937.02	55973.15625	55943.59965	55977.74219	505569.0	5409299.9
L5570.0	505569.0	5409301.4	17481.80078	311.01	69.58	48.836663	-86.924109	55932.53	56244.5	5.48	55938.01	55974.21484	55945.63658	55980.01172	505569.0	5409301.4
L5570.0	505569.0	5409301.4	17481.90039	311.71	69.58	48.836663	-86.924109	55933.46	56244.5	5.49	55938.95	55975.22266	55947.06571	55981.67969	505569.0	5409301.4

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5570.0	505569.0	5409303.0	17482.00000	310.93	69.68	48.836677	-86.924109	55934.43	56244.5	5.49	55939.92	55976.26563	55949.52899	55984.38281	505569.0	5409303.0
L5570.0	505568.9	5409304.3	17482.09961	311.18	69.47	48.836689	-86.924110	55935.21	56244.5	5.49	55940.70	55977.11719	55948.57714	55983.67578	505568.9	5409304.3
L5570.0	505568.9	5409304.3	17482.19922	308.88	69.47	48.836689	-86.924110	55936.22	56244.5	5.49	55941.71	55978.20313	55952.65247	55987.99609	505568.9	5409304.3
L5570.0	505568.9	5409305.8	17482.30078	307.46	69.86	48.836702	-86.924110	55936.88	56244.5	5.49	55942.37	55978.93750	55950.19850	55985.79297	505568.9	5409305.8
L5570.0	505568.9	5409307.3	17482.40039	309.46	71.83	48.836716	-86.924110	55937.84	56244.5	5.49	55943.33	55979.97656	55954.05828	55989.91016	505568.9	5409307.3
L5570.0	505568.9	5409307.3	17482.50000	309.27	71.83	48.836716	-86.924110	55938.47	56244.5	5.49	55943.96	55980.68359	55951.87599	55987.98438	505568.9	5409307.3
L5570.0	505568.9	5409308.7	17482.59961	310.80	69.44	48.836728	-86.924111	55939.43	56244.5	5.48	55944.92	55981.72656	55956.47213	55992.83984	505568.9	5409308.7
L5570.0	505568.8	5409310.4	17482.69922	314.76	69.44	48.836744	-86.924111	55939.96	56244.5	5.48	55945.44	55982.32813	55952.97669	55989.60938	505568.8	5409310.4
L5570.0	505568.8	5409310.4	17482.80078	314.45	69.6	48.836744	-86.924111	55940.78	56244.5	5.48	55946.26	55983.23047	55955.60935	55992.50781	505568.8	5409310.4
L5570.0	505568.8	5409312.0	17482.90039	311.81	68.92	48.836758	-86.924112	55941.38	56244.5	5.48	55946.86	55983.91406	55954.40491	55991.57422	505568.8	5409312.0
L5570.0	505568.7	5409313.5	17483.00000	311.46	68.92	48.836772	-86.924112	55942.06	56244.5	5.48	55947.54	55984.67578	55955.07524	55992.51563	505568.7	5409313.5
L5570.0	505568.7	5409313.5	17483.09961	312.25	68.26	48.836772	-86.924112	55942.60	56244.5	5.48	55948.08	55985.30078	55953.43815	55991.15234	505568.7	5409313.5
L5570.0	505568.7	5409314.8	17483.19922	312.66	68.26	48.836783	-86.924113	55943.31	56244.5	5.49	55948.79	55986.09766	55955.34149	55993.33203	505568.7	5409314.8
L5570.0	505568.7	5409316.4	17483.30078	311.26	64.42	48.836797	-86.924113	55943.86	56244.5	5.49	55949.35	55986.74609	55954.73461	55993.00000	505568.7	5409316.4
L5570.0	505568.6	5409317.7	17483.40039	310.89	63.01	48.836809	-86.924114	55944.59	56244.5	5.49	55950.09	55987.57422	55957.81489	55996.35938	505568.6	5409317.7
L5570.0	505568.6	5409319.4	17483.50000	311.26	63.01	48.836824	-86.924114	55945.02	56244.5	5.50	55950.52	55988.08984	55955.37576	55994.20313	505568.6	5409319.4
L5570.0	505568.6	5409319.4	17483.59961	311.61	64.49	48.836824	-86.924114	55945.81	56244.5	5.50	55951.31	55988.96875	55959.95583	55999.06250	505568.6	5409319.4
L5570.0	505568.6	5409320.5	17483.69922	312.99	64.49	48.836835	-86.924115	55946.19	56244.5	5.50	55951.69	55989.43750	55957.15401	55996.54297	505568.6	5409320.5
L5570.0	505568.5	5409321.8	17483.80078	312.76	66.47	48.836847	-86.924115	55946.77	56244.5	5.50	55952.27	55990.10938	55958.34522	55998.01953	505568.5	5409321.8
L5570.0	505568.5	5409323.3	17483.90039	313.37	66.47	48.836860	-86.924115	55947.22	56244.5	5.51	55952.73	55990.65625	55957.56646	55997.52344	505568.5	5409323.3
L5570.0	505568.5	5409323.3	17484.00000	315.55	65.62	48.836860	-86.924115	55947.91	56244.5	5.51	55953.42	55991.43750	55961.26491	56001.50781	505568.5	5409323.3
L5570.0	505568.5	5409324.9	17484.09961	314.05	62.7	48.836874	-86.924116	55948.24	56244.5	5.51	55953.74	55991.84766	55958.40195	55998.92969	505568.5	5409324.9
L5570.0	505568.4	5409326.2	17484.19922	311.40	62.7	48.836886	-86.924116	55948.82	56244.5	5.50	55954.32	55992.51563	55960.51668	56001.32813	505568.4	5409326.2
L5570.0	505568.4	5409326.2	17484.30078	310.78	66.6	48.836886	-86.924116	55949.32	56244.5	5.50	55954.82	55993.10547	55961.37831	56002.47656	505568.4	5409326.2
L5570.0	505568.4	5409327.7	17484.40039	310.88	66.6	48.836899	-86.924117	55949.83	56244.5	5.49	55955.32	55993.69531	55962.43281	56003.81641	505568.4	5409327.7
L5570.0	505568.4	5409328.9	17484.50000	311.46	66.83	48.836910	-86.924117	55950.24	56244.5	5.49	55955.72	55994.18359	55961.89904	56003.56641	505568.4	5409328.9
L5570.0	505568.4	5409330.3	17484.59961	310.88	66.83	48.836922	-86.924117	55950.79	56244.5	5.48	55956.27	55994.82031	55964.19346	56006.14453	505568.4	5409330.3
L5570.0	505568.4	5409330.3	17484.69922	310.54	62.22	48.836922	-86.924117	55951.04	56244.5	5.47	55956.52	55995.15625	55961.43067	56003.66406	505568.4	5409330.3
L5570.0	505568.3	5409332.1	17484.80078	309.16	64.6	48.836939	-86.924118	55951.53	56244.5	5.47	55957.00	55995.72266	55962.84996	56005.36328	505568.3	5409332.1
L5570.0	505568.3	5409333.5	17484.90039	310.66	64.6	48.836951	-86.924118	55951.98	56244.5	5.46	55957.44	55996.25000	55963.74051	56006.53125	505568.3	5409333.5
L5570.0	505568.3	5409334.6	17485.00000	310.66	65.53	48.836962	-86.924118	55952.39	56244.5	5.46	55957.85	55996.74219	55964.28538	56007.35547	505568.3	5409334.6
L5570.0	505568.3	5409335.9	17485.09961	310.27	65.53	48.836973	-86.924118	55952.71	56244.5	5.46	55958.18	55997.15625	55963.65288	56007.00000	505568.3	5409335.9
L5570.0	505568.3	5409335.9	17485.19922	308.82	63.67	48.836973	-86.924118	55953.12	56244.5	5.47	55958.59	55997.64844	55964.53324	56008.15625	505568.3	5409335.9
L5570.0	505568.3	5409337.3	17485.30078	309.54	62.46	48.836986	-86.924118	55953.45	56244.5	5.47	55958.92	55998.05859	55964.23813	56008.13281	505568.3	5409337.3
L5570.0	505568.3	5409338.7	17485.40039	309.17	62.46	48.836998	-86.924118	55953.78	56244.5	5.48	55959.26	55998.48047	55964.27237	56008.43359	505568.3	5409338.7
L5570.0	505568.3	5409340.0	17485.50000	308.06	62.18	48.837010	-86.924118	55954.11	56244.5	5.49	55959.59	55998.88672	55964.29678	56008.72656	505568.3	5409340.0
L5570.0	505568.3	5409341.3	17485.59961	308.62	63.56	48.837022	-86.924118	55954.43	56244.5	5.49	55959.92	55999.29297	55964.47766	56009.17188	505568.3	5409341.3
L5570.0	505568.3	5409341.3	17485.69922	308.38	63.56	48.837022	-86.924118	55954.74	56244.5	5.50	55960.23	55999.67969	55964.46959	56009.42578	505568.3	5409341.3
L5570.0	505568.3	5409342.6	17485.80078	306.41	62.62	48.837033	-86.924118	55955.04	56244.5	5.50	55960.54	56000.06250	55964.61034	56009.82422	505568.3	5409342.6
L5570.0	505568.3	5409343.7	17485.90039	306.10	61	48.837043	-86.924118	55955.39	56244.5	5.51	55960.90	56000.49219	55965.80158	56011.26953	505568.3	5409343.7
L5570.0	505568.3	5409345.2	17486.00000	307.47	61	48.837057	-86.924118	55955.65	56244.5	5.51	55961.16	56000.82031	55965.35590	56011.07422	505568.3	5409345.2
L5570.0	505568.3	5409346.5	17486.09961	307.97	59.64	48.837068	-86.924118	55955.98	56244.5	5.51	55961.49	56001.21875	55966.35247	56012.31641	505568.3	5409346.5
L5570.0	505568.3	5409347.3	17486.19922	308.19	58.64	48.837076	-86.924117	55956.36	56244.5	5.51	55961.86	56001.65234	55968.31605	56014.52344	505568.3	5409347.3
L5570.0	505568.3	5409347.3	17486.30078	307.92	60.55	48.837076	-86.924117	55956.64	56244.5	5.50	55962.14	56001.99609	55968.75798	56015.20703	505568.3	5409347.3
L5570.0	505568.3	5409348.8	17486.40039	315.19	60.55	48.837089	-86.924117	55956.86	56244.5	5.50	55962.36	56002.27734	55968.16848	56014.85156	505568.3	5409348.8
L5570.0	505568.4	5409350.1	17486.50000	315.80	60.55	48.837101	-86.924117	55957.17	56244.5	5.50	55962.67	56002.64453	55969.57008	56016.48047	505568.4	5409350.1
L5570.0	505568.4	5409351.6	17486.59961	314.59	61.56	48.837114	-86.924117	55957.52	56244.5	5.50	55963.02	56003.04688	55972.04875	56019.18750	505568.4	5409351.6
L5570.0	505568.4	5409352.6	17486.69922	315.20	61.56	48.837124	-86.924116	55957.70	56244.5	5.50	55963.20	56003.28125	55971.13615	56018.49609	505568.4	5409352.6
L5570.0	505568.4	5409352.6	17486.80078	315.21	59.69	48.837124	-86.924116	55957.85	56244.5	5.49	55963.34	56003.46875	55969.47718	56017.05078	505568.4	5409352.6
L5570.0	505568.4	5409353.9	17486.90039	316.41	59.91	48.837135	-86.924116	55958.16	56244.5	5.49	55963.65	56003.82422	55971.75093	56019.53516	505568.4	5409353.9
L5570.0	505568.4	5409355.2	17487.00000	317.61	61.55	48.837147	-86.924116	55958.31	56244.5	5.49	55963.79	56004.00781	55970.41410	56018.40234	505568.4	5409355.2
L5570.0	505568.4	5409356.3	17487.09961	317.90	61.55	48.837157	-86.924116	55958.54	56244.5	5.49	55964.03	56004.28906	55971.54238	56019.73047	505568.4	5409356.3
L5570.0	505568.5	5409357.6	17487.19922	316.69	61.22	48.837168	-86.924115	55958.76	56244.5	5.49	55964.25	56004.54297	55972.43035	56020.80859	505568.5	5409357.6
L5570.0	505568.5	5409358.4	17487.30078	316.87	62.64	48.837176	-86.924115	55958.94	56244.5	5.49	55964.43	56004.75781	55972.59658	56021.16406	505568.5	5409358.4
L5570.0	505568.5	5409359.7	17487.40039	317.05	62.64	48.837187	-86.924115	55959.12	56244.5	5.49	55964.61	56004.96875	55972.97217	56021.71875	505568.5	5409359.7
L5570.0	505568.5	5409359.7	17487.50000	315.80	63.09	48.837187	-86.924115	55959.42	56244.5	5.50	55964.91	56005.29688	55976.40383	56025.32813	505568.5	5409359.7
L5570.0	505568.5	5409361.0	17487.59961	316.08	64.36	48.837199	-86.924115	55959.49	56244.5	5.50	55964.99	56005.39844	55974.83940	56023.92969	505568.5	5409361.0
L5570.0	505568.5	5409362.0	17487.69922	315.91	65.5	48.837208	-86.924115	55959.64	56244.5	5.50	55965.14	56005.56641	55975.14890	56024.40234	505568.5	5409362.0
L5570.0	505568.5	5409363.0	17487.80078	314.49	65.5	48.837217	-86.924114	55959.70	56244.5	5.50	55965.20	56005.64453	55973.56332	56022.97266	505568.5	5409363.0
L5570.0	505568.6	5409364.6	17487.90039	316.29	65.64	48.837231	-86.924114	55959.90	56244.5	5.50	55965.40	56005.85547	55975.48161	56025.03906	505568.6	5409364.6
L5570.0	505568.6	5409365.4	17488.00000	311.70	65.58	48.837239	-86.924114	55960.00	56244.5	5.50	55965.50	56005.96484	55975.28731	56024.98828	505568.6	5409365.4
L5570.0	505568.6	5409366.7	17488.09961	311.95	65.65	48.837250	-86.924114	55960.13	56244.5	5.50	55965.63	56006.09766	55976.00772	56025.83984	505568.6	5409366.7
L5570.0	505568.6	5409368.2	17488.19922	312.68	65.65	48.837264	-86.924113	55960.20	56244.5	5.50	55965.70	56006.16797	55975.58815	56025.55078	505568.6	5409368.2
L5570.0	505568.6	5409368.2	17488.30078	311.47	60.72	48.837264	-86.924113	55960.38	56244.5	5.50	55965.88	56006.34375	55977.85053	56027.93359	505568.6	5409368.2
L5570.0	505568.6	5409369.3	17488.40039	313.00	59.12	48.837274	-86.924113	55960.40	56244.5	5.50	55965.90	56006.35547	55976.77347	56026.96875	505568.6	5409369.3
L5570.0	505568.6	5409370.6	17488.50000	314.12	60.88	48.837285	-86.924113	55960.53	56244.5	5.50	55966.03	56006.47266	55978.32977	56028.62891	505568.6	5409370.6
L5570.0	505568.7	5409371.9	17488.59961	313.01	60.88	48.837297	-86.924113	55960.45	56244.5	5.50	55965.95	56006.37500	55975.58983	56025.98828	505568.7	5409371.9
L5570.0	505568.7	5409373.2	17488.69922	311.69	60.45	48.837309	-86.924112	55960.36	56244.5	5.50	55965.86	56006.26563	55972.93728	56023.42578	505568.7	5409373.2
L5570.0	505568.7	5409373.2	17488.80078	312.00	61.96	48.837309	-86.924112	55960.40	56244.5	5.50	55965.90	56006.28125	55973.27186	56023.84375	505568.7	5409373.2
L5570.0	505568.7	5409374.6	17488.90039	312.47	62.85	48.837321	-86.924112	55960.43	56244.5	5.50	55965.93	56006.28125	55973.60781	56024.25391	505568.7	5409374.6
L5570.0	505568.7	5409375.8	17489.00000	312.83	62.85	48.837332	-86.924112	55960.40	56244.5	5.50	55965.90	56006.21484	55972.93693	56023.64844	505568.7	5409375.8
L5570.0	505568.7	5409376.7	17489.09961	312.66	62.44	48.837340	-86.924112	55960.40	56244.5	5.50	55965.90	56006.17578	55973.09124	56023.86328	505568.7	5409376.7
L5570.0	505568.7	5409378.0	17489.19922	313.33	62.08	48.837352	-86.924112	55960.31	56244.5	5.49	55965.80	56006.03516	55971.48386	56022.30469	505568.7	5409378.0
L5570.0	505568.7	5409379.1	17489.30078	312.41	60.99	48.837362	-86.924112	55960.31	56244.5	5.49	55965.80	56005.98438	55972.06194	56022.92578	505568.7	5409379.1
L5570.0	505568.7	5409380.4	17489.40039	311.71	60.99	48.837374	-86.924112	55960.28	56244.5	5.49	55965.76	56005.89453	55972.06115	56022.96094	505568.7	5409380.4
L5570.0	505568.7	5409380.4	17489.50000	312.78	60.51	48.837374	-86.924112	55960.28	56244.5	5.49	55965.76	56005.83594	55973.02077	56023.94531	505568.7	5409380.4
L5570.0	505568.7	5409382.8	17489.59961	313.48	59.78	48.837395	-86.924112	55960.18	56244.5	5.48	55965.66	56005.67578	55972.27945	56023.22266	505568.7	5409382.8
L5570.0	505568.7	5409383.9	17489.69922	315.03	59.78	48.837405	-86.924112	55960.15	56244.5	5.48	55965.63	56005.57813	55973.05504	56024.00781	505568.7	5409383.9
L5570.0	505568.7	5409383.9	17489.80078	312.79	58.86	48.837405	-86.924112	55960.02	56244.5	5.48	55965.50	56005.37500	55972.16095	56023.11719	505568.7	5409383.9
L5570.0	505568.7	5409385.2	17489.90039	309.37	60.36	48.837417	-86.924112	55960.00	56244.5	5.47	55965.47	56005.26953	55973.31452	56024.26172	505568.7	5409385.2
L5570.0	505568.7	5409386.5	17490.00000	307.35	61.01	48.837429	-86.924112	55959.85	56244.5	5.47	55965.32	56005.03906	55972.44613	56023.37891	505568.7	5409386.5
L5570.0	505568.7	5409387.4	17490.09961	305.46	62.14	48.837436	-86.924112	55959.80	56244.5	5.47	55965.27	56004.90234	55973.59932	56024.50781	505568.7	5409387.4
L5570.0	505568.7	5409388.7	17490.19922	304.78	62.14	48.837448	-86.924112	55959.65	56244.5	5.47	55965.12	56004.66406	55973.10972	56023.98828	505568.7	5409388.7
L5570.0	505568.7	5409390.2	17490.30078	305.96	61.91	48.837462	-86.924112	55959.52	56244.5	5.47	55964.99	56004.43750	55973.17144	56024.01172	505568.7	5409390.2
L5570.0	505568.7	5409390.2	17490.40039	306.64	62.86	48.837462	-86.924112	55959.27	56244.5	5.47	55964.74	56004.08594	55971.24570	56022.03906	505568.7	5409390.2
L5570.0	505568.7	5409392.2	17490.50000	308.97	62.68	48.837480	-86.924112	55959.06	56244.5	5.47	55964.53	56003.77344	55970.23348	56020.96875	505568.7	5409392.2
L5570.0	505568.7	5409393.5	17490.59961	309.22	62.68	48.837491	-86.924112	55958.84	56244.5	5.47	55964.31	56003.44141	55969.22650	56019.89844	505568.7	5409393.5
L5570.0	505568.7	5409393.5	17490.69922	309.90	61.76	48.837491	-86.924112	55958.64	56244.5	5.47	55964.11	56003.12891	55968.76450	56019.36328	505568.7	5409393.5
L5570.0	505568.7	5409394.8	17490.80078	311.03	62.2	48.837503	-86.924112	55958.38	56244.5	5.47	55963.85	56002.75000	55967.40408	56017.92188	505568.7	5409394.8
L5570.0	505568.7	5409396.5	17490.90039	312.30	62.08	48.837519	-86.924112	55958.28	56244.5	5.47	55963.75	56002.52344	55969.11078	56019.53906	505568.7	5409396.5
L5570.0	505568.7	5409396.5	17491.00000	312.12	62.08	48.837519	-86.924112	55958.08	56244.5	5.47	55963.55	56002.19531	55969.20175	56019.53516	505568.7	5409396.5
L5570.0	505568.7	5409397.9	17491.09961	312.48	64.22	48.837531	-86.924112	55957.98	56244.5	5.47	55963.45	56001.96484	55971.29600	56021.52344	505568.7	5409397.9
L5570.0	505568.7	5409399.1	17491.19922	313.38	64.24	48.837542	-86.924112	55957.72	56244.5	5.47	55963.19	56001.56641	55970.68619	56020.80078	505568.7	5409399.1

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5570.0	505568.7	5409400.5	17491.30078	312.65	60.75	48.837554	-86.924112	55957.44	56244.5	5.47	55962.91	56001.14453	55969.89948	56019.89453	505568.7	5409400.5
L5570.0	505568.7	5409401.7	17491.40039	312.54	60.75	48.837565	-86.924112	55957.22	56244.5	5.47	55962.69	56000.77734	55970.40923	56020.27344	505568.7	5409401.7
L5570.0	505568.7	5409402.6	17491.50000	309.70	58.86	48.837573	-86.924112	55957.14	56244.5	5.47	55962.61	56000.54297	55973.73884	56023.46875	505568.7	5409402.6
L5570.0	505568.7	5409403.9	17491.59961	306.97	60.15	48.837585	-86.924112	55956.66	56244.5	5.47	55962.13	55999.91016	55969.80666	56019.39063	505568.7	5409403.9
L5570.0	505568.7	5409403.9	17491.69922	306.00	60.15	48.837585	-86.924112	55956.43	56244.5	5.47	55961.90	55999.51953	55970.75586	56020.18750	505568.7	5409403.9
L5570.0	505568.7	5409405.2	17491.80078	306.38	57.35	48.837596	-86.924112	55956.08	56244.5	5.47	55961.55	55999.00391	55969.62468	56018.89844	505568.7	5409405.2
L5570.0	505568.7	5409406.5	17491.90039	307.69	60.05	48.837608	-86.924112	55955.80	56244.5	5.47	55961.27	55998.55469	55970.04532	56019.15234	505568.7	5409406.5
L5570.0	505568.7	5409407.6	17492.00000	309.72	60.05	48.837618	-86.924112	55955.39	56244.5	5.47	55960.86	55997.97266	55968.12372	56017.05859	505568.7	5409407.6
L5570.0	505568.6	5409408.7	17492.09961	309.67	60.3	48.837628	-86.924112	55955.17	56244.5	5.47	55960.64	55997.57422	55970.19033	56018.94141	505568.6	5409408.7
L5570.0	505568.6	5409410.0	17492.19922	311.86	60.3	48.837639	-86.924112	55954.69	56244.5	5.47	55960.15	55996.90234	55967.02963	56015.59375	505568.6	5409410.0
L5570.0	505568.6	5409411.4	17492.30078	312.80	62.85	48.837653	-86.924112	55954.28	56244.5	5.46	55959.75	55996.31641	55965.86429	56014.23438	505568.6	5409411.4
L5570.0	505568.6	5409412.5	17492.40039	313.84	62.14	48.837662	-86.924112	55954.00	56244.5	5.46	55959.47	55995.84766	55967.44026	56015.60938	505568.6	5409412.5
L5570.0	505568.6	5409412.5	17492.50000	312.79	62.63	48.837662	-86.924112	55953.60	56244.5	5.46	55959.06	55995.24219	55966.50308	56014.46484	505568.6	5409412.5
L5570.0	505568.6	5409413.6	17492.59961	314.09	60.2	48.837672	-86.924113	55953.09	56244.5	5.46	55958.55	55994.53516	55963.56128	56011.30859	505568.6	5409413.6
L5570.0	505568.6	5409415.2	17492.69922	314.36	60.2	48.837686	-86.924113	55952.64	56244.5	5.46	55958.10	55993.88672	55962.10072	56009.62500	505568.6	5409415.2
L5570.0	505568.6	5409416.7	17492.80078	313.18	58.77	48.837700	-86.924113	55952.23	56244.5	5.45	55957.69	55993.26953	55961.75458	56009.05078	505568.6	5409416.7
L5570.0	505568.6	5409416.7	17492.90039	312.63	55.46	48.837700	-86.924113	55951.83	56244.5	5.45	55957.28	55992.65234	55961.65362	56008.71875	505568.6	5409416.7
L5570.0	505568.6	5409418.2	17493.00000	312.86	55.35	48.837713	-86.924113	55951.42	56244.6	5.45	55956.87	55992.03125	55961.81036	56008.63281	505568.6	5409418.2
L5570.0	505568.6	5409419.5	17493.09961	317.87	55.35	48.837725	-86.924113	55951.17	56244.6	5.45	55956.62	55991.56641	55966.14122	56012.71875	505568.6	5409419.5
L5570.0	505568.6	5409420.8	17493.19922	318.67	59.34	48.837737	-86.924113	55950.69	56244.6	5.45	55956.14	55990.87109	55965.17520	56011.50391	505568.6	5409420.8
L5570.0	505568.6	5409420.8	17493.30078	318.68	62.34	48.837737	-86.924113	55950.29	56244.6	5.45	55955.73	55990.23828	55966.20066	56012.27344	505568.6	5409420.8
L5570.0	505568.6	5409422.2	17493.40039	318.29	62.34	48.837750	-86.924113	55949.70	56244.6	5.45	55955.15	55989.43359	55963.17294	56008.98438	505568.6	5409422.2
L5570.0	505568.5	5409423.3	17493.50000	318.46	63.31	48.837759	-86.924113	55949.27	56244.6	5.44	55954.72	55988.77734	55964.20404	56009.75000	505568.5	5409423.3
L5570.0	505568.5	5409424.4	17493.59961	317.80	63.31	48.837769	-86.924113	55948.84	56244.6	5.44	55954.29	55988.11719	55965.51309	56010.78516	505568.5	5409424.4
L5570.0	505568.5	5409425.7	17493.69922	319.00	62.28	48.837781	-86.924114	55948.34	56244.6	5.44	55953.78	55987.37500	55965.00060	56010.00000	505568.5	5409425.7
L5570.0	505568.5	5409427.1	17493.80078	318.78	62.22	48.837794	-86.924114	55947.63	56244.6	5.44	55953.08	55986.44141	55959.74212	56004.46094	505568.5	5409427.1
L5570.0	505568.5	5409428.4	17493.90039	319.55	59.71	48.837805	-86.924114	55947.20	56244.6	5.44	55952.64	55985.76172	55961.56144	56005.99219	505568.5	5409428.4
L5570.0	505568.5	5409429.6	17494.00000	319.00	59.71	48.837816	-86.924114	55946.62	56244.6	5.44	55952.06	55984.94531	55959.95518	56004.09766	505568.5	5409429.6
L5570.0	505568.5	5409429.6	17494.09961	318.01	62.17	48.837816	-86.924114	55945.93	56244.6	5.44	55951.37	55984.01172	55955.72428	55999.57422	505568.5	5409429.6
L5570.0	505568.5	5409430.7	17494.19922	317.22	60.82	48.837826	-86.924114	55945.38	56244.6	5.44	55950.82	55983.21875	55955.43980	55998.99219	505568.5	5409430.7
L5570.0	505568.5	5409432.1	17494.30078	318.50	60.56	48.837839	-86.924115	55944.88	56244.6	5.44	55950.31	55982.46484	55956.45122	55999.70313	505568.5	5409432.1
L5570.0	505568.4	5409433.4	17494.40039	317.17	60.56	48.837850	-86.924115	55944.34	56244.6	5.44	55949.78	55981.68750	55957.18149	56000.13281	505568.4	5409433.4
L5570.0	505568.4	5409434.6	17494.50000	316.16	63.08	48.837861	-86.924115	55943.81	56244.6	5.44	55949.25	55980.90625	55958.13999	56000.78125	505568.4	5409434.6
L5570.0	505568.4	5409434.6	17494.59961	312.69	61.39	48.837861	-86.924115	55943.06	56244.6	5.43	55948.49	55979.89844	55953.52497	55995.85938	505568.4	5409434.6
L5570.0	505568.4	5409436.0	17494.69922	312.24	61.39	48.837873	-86.924115	55942.39	56244.6	5.43	55947.83	55978.98828	55951.74135	55993.76172	505568.4	5409436.0
L5570.0	505568.4	5409437.1	17494.80078	315.15	63.09	48.837883	-86.924115	55941.94	56244.6	5.43	55947.37	55978.27344	55955.13383	55996.83984	505568.4	5409437.1
L5570.0	505568.4	5409438.3	17494.90039	315.61	63.42	48.837894	-86.924115	55941.26	56244.6	5.43	55946.69	55977.33984	55953.34412	55994.73438	505568.4	5409438.3
L5570.0	505568.4	5409439.4	17495.00000	314.96	56.09	48.837905	-86.924115	55940.52	56244.6	5.43	55945.95	55976.34766	55950.40481	55991.47656	505568.4	5409439.4
L5570.0	505568.4	5409440.9	17495.09961	314.96	56.09	48.837918	-86.924115	55939.86	56244.6	5.43	55945.29	55975.42969	55949.64143	55990.39453	505568.4	5409440.9
L5570.0	505568.4	5409440.9	17495.19922	316.29	58.99	48.837918	-86.924115	55939.34	56244.6	5.43	55944.77	55974.65625	55952.31980	55992.75000	505568.4	5409440.9
L5570.0	505568.4	5409442.2	17495.30078	315.69	58.65	48.837930	-86.924115	55938.50	56244.6	5.43	55943.93	55973.55859	55947.90525	55988.01172	505568.4	5409442.2
L5570.0	505568.4	5409443.2	17495.40039	313.92	58.65	48.837939	-86.924115	55937.92	56244.6	5.43	55943.35	55972.72266	55949.58866	55989.37109	505568.4	5409443.2
L5570.0	505568.4	5409444.5	17495.50000	313.83	60.89	48.837950	-86.924115	55937.18	56244.6	5.43	55942.61	55971.72656	55947.93167	55987.38672	505568.4	5409444.5
L5570.0	505568.4	5409445.9	17495.59961	313.33	62.01	48.837963	-86.924115	55936.55	56244.6	5.43	55941.98	55970.83984	55948.85836	55987.98828	505568.4	5409445.9
L5570.0	505568.4	5409446.7	17495.69922	313.01	60.81	48.837970	-86.924115	55935.64	56244.6	5.43	55941.07	55969.67578	55944.08613	55982.89063	505568.4	5409446.7
L5570.0	505568.4	5409446.7	17495.80078	312.33	60.81	48.837970	-86.924115	55935.04	56244.6	5.43	55940.47	55968.82031	55946.00886	55984.48828	505568.4	5409446.7
L5570.0	505568.4	5409448.4	17495.90039	311.60	60.51	48.837985	-86.924115	55934.13	56244.6	5.43	55939.56	55967.65625	55941.80542	55979.95703	505568.4	5409448.4
L5570.0	505568.4	5409450.0	17496.00000	312.73	60.43	48.837999	-86.924115	55933.34	56244.6	5.43	55938.77	55966.61328	55940.28280	55978.10938	505568.4	5409450.0
L5570.0	505568.4	5409451.4	17496.09961	313.12	60.43	48.838012	-86.924115	55932.58	56244.6	5.43	55938.01	55965.59766	55939.55121	55977.05469	505568.4	5409451.4
L5570.0	505568.4	5409451.4	17496.19922	311.63	61.15	48.838012	-86.924115	55931.80	56244.6	5.43	55937.23	55964.56641	55938.61594	55975.79297	505568.4	5409451.4
L5570.0	505568.4	5409452.6	17496.30078	310.24	60.51	48.838023	-86.924115	55930.94	56244.6	5.43	55936.37	55963.45703	55936.36458	55973.21875	505568.4	5409452.6
L5570.0	505568.4	5409453.8	17496.40039	309.60	59.82	48.838034	-86.924115	55930.28	56244.6	5.43	55935.71	55962.54688	55937.99900	55974.53125	505568.4	5409453.8
L5570.0	505568.4	5409455.1	17496.50000	309.24	64.47	48.838046	-86.924115	55929.42	56244.6	5.43	55934.85	55961.44141	55936.10158	55972.31250	505568.4	5409455.1
L5570.0	505568.4	5409456.7	17496.59961	310.42	64.47	48.838060	-86.924115	55928.68	56244.6	5.44	55934.12	55960.46484	55936.71015	55972.60156	505568.4	5409456.7
L5570.0	505568.4	5409457.1	17496.69922	310.31	62.44	48.838063	-86.924115	55927.85	56244.6	5.44	55933.29	55959.39063	55935.67102	55971.24609	505568.4	5409457.1
L5570.0	505568.4	5409458.3	17496.80078	310.94	63.02	48.838075	-86.924115	55927.04	56244.6	5.44	55932.48	55958.33984	55935.13373	55970.39453	505568.4	5409458.3
L5570.0	505568.4	5409459.6	17496.90039	311.49	62.3	48.838086	-86.924115	55926.11	56244.6	5.44	55931.54	55957.16016	55932.47634	55967.42578	505568.4	5409459.6
L5570.0	505568.3	5409460.9	17497.00000	309.36	62.3	48.838098	-86.924116	55925.22	56244.6	5.44	55930.66	55956.04297	55931.01002	55965.64844	505568.3	5409460.9
L5570.0	505568.3	5409462.0	17497.09961	304.90	65.15	48.838108	-86.924116	55924.36	56244.6	5.44	55929.79	55954.93750	55929.84669	55964.17578	505568.3	5409462.0
L5570.0	505568.3	5409462.0	17497.19922	307.02	64.23	48.838108	-86.924116	55923.45	56244.6	5.43	55928.88	55953.79688	55928.10723	55962.13281	505568.3	5409462.0
L5570.0	505568.3	5409463.3	17497.30078	309.02	64.23	48.838119	-86.924116	55922.52	56244.6	5.43	55927.94	55952.62891	55925.94402	55959.67188	505568.3	5409463.3
L5570.0	505568.3	5409464.4	17497.40039	308.86	62.8	48.838130	-86.924116	55921.68	56244.6	5.42	55927.10	55951.56250	55925.64047	55959.07031	505568.3	5409464.4
L5570.0	505568.3	5409465.7	17497.50000	308.81	60.23	48.838140	-86.924116	55920.82	56244.6	5.42	55926.24	55950.48047	55925.09733	55958.23438	505568.3	5409465.7
L5570.0	505568.3	5409466.7	17497.59961	309.51	61.93	48.838150	-86.924116	55920.01	56244.6	5.42	55925.42	55949.44141	55925.40374	55958.25000	505568.3	5409466.7
L5570.0	505568.3	5409468.0	17497.69922	309.88	61.93	48.838161	-86.924116	55919.07	56244.6	5.41	55924.48	55948.28516	55923.60987	55956.17188	505568.3	5409468.0
L5570.0	505568.3	5409468.0	17497.80078	307.98	60.73	48.838161	-86.924116	55918.26	56244.6	5.41	55923.67	55947.26563	55924.36100	55956.64063	505568.3	5409468.0
L5570.0	505568.3	5409469.3	17497.90039	308.12	55.92	48.838173	-86.924116	55917.25	56244.6	5.40	55922.65	55946.03516	55921.17755	55953.17969	505568.3	5409469.3
L5570.0	505568.3	5409470.6	17498.00000	310.80	56.04	48.838185	-86.924116	55916.37	56244.6	5.40	55921.77	55944.95313	55920.77524	55952.50781	505568.3	5409470.6
L5570.0	505568.3	5409472.5	17498.09961	311.93	56.04	48.838202	-86.924116	55915.28	56244.6	5.40	55920.68	55943.66016	55916.20599	55947.67188	505568.3	5409472.5
L5570.0	505568.3	5409472.5	17498.19922	312.96	62.97	48.838202	-86.924116	55914.42	56244.6	5.40	55919.82	55942.60547	55916.34246	55947.54688	505568.3	5409472.5
L5570.0	505568.3	5409473.6	17498.30078	312.87	62.19	48.838212	-86.924116	55913.31	56244.6	5.41	55918.72	55941.31641	55911.52351	55942.47266	505568.3	5409473.6
L5570.0	505568.3	5409474.9	17498.40039	314.74	62.75	48.838223	-86.924116	55912.44	56244.6	5.41	55917.85	55940.26172	55911.58854	55942.28516	505568.3	5409474.9
L5570.0	505568.3	5409476.0	17498.50000	315.75	62.75	48.838233	-86.924116	55911.58	56244.6	5.41	55916.99	55939.21875	55911.97584	55942.42578	505568.3	5409476.0
L5570.0	505568.3	5409477.7	17498.59961	316.55	58.23	48.838248	-86.924116	55910.78	56244.6	5.41	55916.19	55938.24219	55913.79125	55944.00391	505568.3	5409477.7
L5570.0	505568.3	5409478.8	17498.69922	317.46	58.23	48.838259	-86.924116	55909.71	56244.6	5.41	55915.13	55937.01172	55909.90642	55939.88672	505568.3	5409478.8
L5570.0	505568.3	5409478.8	17498.80078	316.40	56.48	48.838259	-86.924116	55908.78	56244.6	5.42	55914.19	55935.90625	55908.71910	55938.47266	505568.3	5409478.8
L5570.0	505568.3	5409480.0	17498.90039	316.60	56.48	48.838270	-86.924116	55907.74	56244.6	5.42	55913.16	55934.71484	55905.52437	55935.05469	505568.3	5409480.0
L5570.0	505568.3	5409481.1	17499.00000	316.59	57.32	48.838279	-86.924115	55906.91	56244.6	5.42	55912.33	55933.72656	55906.90624	55936.22266	505568.3	5409481.1
L5570.0	505568.4	5409482.4	17499.09961	315.70	58.34	48.838291	-86.924115	55905.87	56244.6	5.42	55911.28	55932.52734	55903.29901	55932.40625	505568.4	5409482.4
L5570.0	505568.4	5409483.5	17499.19922	315.90	55.93	48.838301	-86.924115	55904.96	56244.6	5.41	55910.37	55931.47266	55902.90828	55931.81641	505568.4	5409483.5
L5570.0	505568.4	5409484.5	17499.30078	315.20	57.4	48.838310	-86.924115	55903.97	56244.6	5.40	55909.37	55930.33594	55900.47798	55929.19141	505568.4	5409484.5
L5570.0	505568.4	5409486.0	17499.40039	314.46	57.4	48.838324	-86.924114	55903.06	56244.6	5.40	55908.46	55929.29297	55900.10580	55928.63281	505568.4	5409486.0
L5570.0	505568.4	5409486.0	17499.50000	314.07	58.58	48.838324	-86.924114	55902.10	56244.6	5.40	55907.50	55928.20703	55898.59897	55926.94922	505568.4	5409486.0
L5570.0	505568.4	5409487.3	17499.59961	313.53	56.92	48.838335	-86.924114	55901.19	56244.6	5.39	55906.58	55927.16797	55897.98187	55926.16016	505568.4	5409487.3
L5570.0	505568.4	5409488.5	17499.69922	312.31	56.92	48.838346	-86.924114	55900.20	56244.6	5.39	55905.59	55926.06250	55895.79051	55923.80469	505568.4	5409488.5
L5570.0	505568.4	5409489.9	17499.80078	312.83	57.77	48.838358	-86.924114	55899.37	56244.6	5.38	55904.75	55925.11719	55896.86834	55924.72266	505568.4	5409489.9
L5570.0	505568.4	5409490.7	17499.90039	313.12	57.77	48.838366	-86.924114	55898.46	56244.6	5.38	55903.83	55924.09375	55896.12783	55923.83594	505568.4	5409490.7
L5570.0	505568.5	5409491.8	17500.00000	312.63	56.63	48.838376	-86.924114	55897.44	56244.6	5.37	55902.81	55922.98047	55893.19185	55920.75781	505568.5	5409491.8
L5570.0	505568.5	5409493.1	17500.09961	313.52	59.13	48.838387	-86.924113	55896.41	56244.6	5.37	55901.78	55921.86328	55890.01777	55917.44922	505568.5	5409493.1
L5570.0	505568.5	5409493.1	17500.19922	314.73	60.55	48.838387	-86.924113	55895.55	56244.6	5.37	55900.92	55920.92188	55890.35546	55917.66016	505568.5	5409493.1
L5570.0	505568.5	5409494.8	17500.30078	313.67	60.55	48.838403	-86.924113	55894.59	56244.6	5.37	55899.96	55919.88672	55888.49776	55915.68750	505568.5	5409494.8
L5570.0	505568.5	5409496.1	17500.40039	313.43	58.77	48.838414	-86.924113	55893.68	56244.6	5.37	55899.05	55918.91016	55887.57645	55914.65625	505568.5	5409496.1
L5570.0	505568.5	5409497.2	17500.50000	313.43	61.25	48.838424	-86.924113	55892.64	56244.6	5.37	55898.01	55917.81250	55883.86300	55910.84375	505568.5	5409497.2

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5570.0	505568.5	5409498.4	17500.59961	309.66	61.25	48.838435	-86.924113	55891.75	56244.6	5.37	55897.12	55916.86719	55883.11461	55910.00000	505568.5	5409498.4
L5570.0	505568.5	5409498.4	17500.69922	311.65	61.97	48.838435	-86.924113	55890.89	56244.6	5.37	55896.26	55915.96094	55882.84521	55909.64844	505568.5	5409498.4
L5570.0	505568.5	5409499.9	17500.80078	310.87	59.12	48.838449	-86.924113	55890.14	56244.6	5.37	55895.51	55915.17188	55884.70688	55911.43359	505568.5	5409499.9
L5570.0	505568.5	5409501.2	17500.90039	311.74	59.12	48.838460	-86.924113	55889.18	56244.6	5.37	55894.55	55914.18359	55882.08752	55908.75000	505568.5	5409501.2
L5570.0	505568.5	5409502.2	17501.00000	311.85	59.32	48.838469	-86.924113	55888.34	56244.6	5.37	55893.71	55913.31641	55881.80246	55908.40625	505568.5	5409502.2
L5570.0	505568.5	5409503.5	17501.09961	311.44	54.82	48.838481	-86.924112	55887.38	56244.6	5.37	55892.75	55912.33984	55878.83660	55905.39063	505568.5	5409503.5
L5570.0	505568.6	5409504.8	17501.19922	311.56	54.38	48.838492	-86.924112	55886.62	56244.6	5.37	55891.99	55911.57422	55879.92941	55906.44141	505568.6	5409504.8
L5570.0	505568.6	5409505.7	17501.30078	311.12	54.38	48.838500	-86.924112	55885.56	56244.6	5.37	55890.93	55910.51172	55874.42301	55900.90234	505568.6	5409505.7
L5570.0	505568.6	5409505.7	17501.40039	313.40	56.97	48.838500	-86.924112	55884.82	56244.6	5.37	55890.20	55909.78516	55875.83383	55902.28906	505568.6	5409505.7
L5570.0	505568.6	5409507.2	17501.50000	314.10	56.97	48.838514	-86.924112	55883.86	56244.6	5.38	55889.23	55908.83203	55871.80224	55898.24219	505568.6	5409507.2
L5570.0	505568.6	5409508.4	17501.59961	315.27	57.52	48.838525	-86.924111	55883.08	56244.6	5.38	55888.45	55908.07031	55871.75677	55898.19141	505568.6	5409508.4
L5570.0	505568.6	5409509.6	17501.69922	314.69	59.23	48.838536	-86.924111	55882.14	56244.6	5.38	55887.52	55907.17188	55868.11076	55894.54688	505568.6	5409509.6
L5570.0	505568.6	5409510.7	17501.80078	314.63	64.14	48.838545	-86.924111	55881.36	56244.6	5.38	55886.74	55906.42578	55867.64466	55894.09375	505568.6	5409510.7
L5570.0	505568.6	5409511.6	17501.90039	315.31	65.07	48.838554	-86.924111	55880.53	56244.6	5.38	55885.91	55905.64063	55865.79442	55892.26172	505568.6	5409511.6
L5570.0	505568.6	5409513.1	17502.00000	314.57	65.07	48.838567	-86.924111	55879.87	56244.6	5.38	55885.25	55905.03125	55867.75480	55894.25391	505568.6	5409513.1
L5570.0	505568.6	5409513.1	17502.09961	314.37	63.34	48.838567	-86.924111	55879.00	56244.6	5.38	55884.38	55904.22266	55864.46030	55890.99609	505568.6	5409513.1
L5570.0	505568.7	5409514.3	17502.19922	313.68	65.19	48.838578	-86.924111	55878.30	56244.6	5.37	55883.67	55903.57813	55864.79806	55891.37891	505568.7	5409514.3
L5570.0	505568.7	5409516.5	17502.30078	315.22	65.19	48.838598	-86.924110	55877.54	56244.6	5.37	55882.91	55902.89063	55863.65893	55890.29297	505568.7	5409516.5
L5570.0	505568.7	5409516.5	17502.40039	316.98	55.27	48.838598	-86.924110	55876.83	56244.6	5.37	55882.20	55902.26563	55863.52715	55890.22656	505568.7	5409516.5
L5570.0	505568.7	5409517.9	17502.50000	316.56	55.27	48.838610	-86.924110	55875.94	56244.6	5.36	55881.31	55901.46484	55858.47935	55885.25000	505568.7	5409517.9
L5570.0	505568.7	5409519.2	17502.59961	318.44	55.53	48.838622	-86.924110	55875.29	56244.6	5.36	55880.65	55900.90234	55859.10091	55885.95313	505568.7	5409519.2
L5570.0	505568.7	5409520.7	17502.69922	318.71	58.95	48.838636	-86.924110	55874.40	56244.6	5.36	55879.76	55900.11719	55852.34014	55879.27734	505568.7	5409520.7
L5570.0	505568.7	5409521.6	17502.80078	317.68	58.95	48.838643	-86.924110	55873.85	56244.6	5.36	55879.20	55899.66797	55853.49726	55880.53125	505568.7	5409521.6
L5570.0	505568.7	5409522.7	17502.90039	318.12	61.91	48.838654	-86.924110	55873.04	56244.6	5.35	55878.39	55898.97656	55850.34300	55877.48438	505568.7	5409522.7
L5570.0	505568.7	5409522.7	17503.00000	318.68	65.82	48.838654	-86.924110	55872.36	56244.7	5.35	55877.71	55898.42578	55849.23598	55876.48828	505568.7	5409522.7
L5570.0	505568.7	5409524.2	17503.09961	317.61	65.71	48.838667	-86.924109	55871.59	56244.6	5.35	55876.95	55897.80078	55846.63208	55874.00781	505568.7	5409524.2
L5570.0	505568.8	5409525.3	17503.19922	318.35	63.49	48.838677	-86.924109	55871.12	56244.6	5.35	55876.47	55897.46094	55848.63072	55876.13281	505568.8	5409525.3
L5570.0	505568.8	5409526.6	17503.30078	318.39	63.49	48.838688	-86.924109	55870.33	56244.6	5.35	55875.68	55896.82031	55845.21774	55872.85938	505568.8	5409526.6
L5570.0	505568.8	5409527.9	17503.40039	318.92	63.08	48.838700	-86.924109	55869.80	56244.6	5.35	55875.15	55896.44922	55846.04250	55873.82813	505568.8	5409527.9
L5570.0	505568.8	5409529.4	17503.50000	320.07	64.12	48.838714	-86.924108	55869.09	56244.6	5.36	55874.44	55895.90234	55843.66796	55871.60547	505568.8	5409529.4
L5570.0	505568.8	5409530.2	17503.59961	320.25	64.12	48.838721	-86.924108	55868.54	56244.6	5.36	55873.89	55895.52344	55843.79770	55871.89453	505568.8	5409530.2
L5570.0	505568.8	5409531.3	17503.69922	321.39	65.03	48.838731	-86.924108	55867.83	56244.6	5.36	55873.18	55894.99219	55841.94995	55870.21484	505568.8	5409531.3
L5570.0	505568.8	5409531.3	17503.80078	320.46	65.03	48.838731	-86.924108	55867.34	56244.6	5.36	55872.70	55894.69531	55843.75520	55872.19531	505568.8	5409531.3
L5570.0	505568.9	5409532.4	17503.90039	318.24	62.35	48.838741	-86.924108	55866.76	56244.6	5.36	55872.12	55894.30859	55842.54631	55871.16797	505568.9	5409532.4
L5570.0	505568.9	5409533.7	17504.00000	318.57	63.58	48.838753	-86.924107	55866.26	56244.6	5.36	55871.62	55894.00391	55842.98803	55871.79688	505568.9	5409533.7
L5570.0	505568.9	5409534.8	17504.09961	317.52	62.55	48.838762	-86.924107	55865.73	56244.6	5.36	55871.09	55893.67969	55842.23784	55871.24219	505568.9	5409534.8
L5570.0	505568.9	5409536.0	17504.19922	316.68	62.55	48.838773	-86.924107	55865.35	56244.6	5.36	55870.71	55893.51172	55844.77632	55873.98438	505568.9	5409536.0
L5570.0	505569.0	5409537.4	17504.30078	313.20	60.96	48.838786	-86.924106	55864.82	56244.6	5.36	55870.17	55893.19141	55842.88254	55872.29688	505569.0	5409537.4
L5570.0	505569.0	5409537.4	17504.40039	311.77	60.96	48.838786	-86.924106	55864.41	56244.6	5.36	55869.77	55893.01563	55843.93929	55873.57031	505569.0	5409537.4
L5570.0	505569.0	5409539.1	17504.50000	312.01	60.66	48.838801	-86.924106	55863.86	56244.6	5.35	55869.21	55892.68750	55840.66080	55870.51172	505569.0	5409539.1
L5570.0	505569.0	5409540.2	17504.59961	312.62	60.52	48.838811	-86.924106	55863.61	56244.6	5.35	55868.96	55892.67578	55844.27441	55874.35156	505569.0	5409540.2
L5570.0	505569.0	5409541.5	17504.69922	311.60	60.52	48.838823	-86.924105	55863.04	56244.6	5.35	55868.40	55892.35938	55840.02663	55870.33984	505569.0	5409541.5
L5570.0	505569.0	5409542.8	17504.80078	312.33	62.29	48.838834	-86.924105	55862.82	56244.6	5.35	55868.17	55892.37500	55842.99738	55873.55078	505569.0	5409542.8
L5570.0	505569.0	5409544.1	17504.90039	312.82	60.91	48.838846	-86.924105	55862.41	56244.6	5.35	55867.76	55892.22266	55841.20142	55871.99609	505569.0	5409544.1
L5570.0	505569.0	5409544.1	17505.00000	312.43	60.91	48.838846	-86.924105	55862.11	56244.7	5.35	55867.46	55892.18359	55841.41489	55872.46094	505569.0	5409544.1
L5570.0	505569.1	5409545.3	17505.09961	313.19	61.24	48.838857	-86.924105	55861.66	56244.6	5.35	55867.01	55892.00000	55837.56288	55868.86328	505569.1	5409545.3
L5570.0	505569.1	5409546.9	17505.19922	314.10	61.1	48.838871	-86.924105	55861.40	56244.6	5.35	55866.75	55892.01172	55837.55663	55869.11719	505569.1	5409546.9
L5570.0	505569.1	5409547.7	17505.30078	317.52	65	48.838879	-86.924105	55860.96	56244.6	5.35	55866.32	55891.85547	55832.96317	55864.78906	505569.1	5409547.7
L5570.0	505569.1	5409549.0	17505.40039	316.88	65	48.838890	-86.924104	55860.82	56244.6	5.35	55866.17	55891.98828	55834.34126	55866.43750	505569.1	5409549.0
L5570.0	505569.1	5409550.1	17505.50000	318.78	65.08	48.838900	-86.924104	55860.54	56244.6	5.36	55865.89	55891.99609	55832.07537	55864.44531	505569.1	5409550.1
L5570.0	505569.1	5409550.1	17505.59961	319.62	66.94	48.838900	-86.924104	55860.46	56244.6	5.36	55865.82	55892.21875	55834.23165	55866.87891	505569.1	5409550.1
L5570.0	505569.1	5409551.8	17505.69922	319.91	67.85	48.838916	-86.924104	55860.06	56244.6	5.36	55865.42	55892.11328	55827.96612	55860.89453	505569.1	5409551.8
L5570.0	505569.1	5409553.1	17505.80078	319.44	67.85	48.838927	-86.924104	55860.14	56244.6	5.36	55865.50	55892.49609	55832.62838	55865.84375	505569.1	5409553.1
L5570.0	505569.1	5409553.1	17505.90039	317.68	67.44	48.838927	-86.924104	55860.14	56244.6	5.36	55865.50	55892.80078	55834.85392	55868.35938	505569.1	5409553.1
L5570.0	505569.1	5409554.6	17506.00000	317.92	66.07	48.838941	-86.924104	55860.01	56244.6	5.36	55865.37	55892.98047	55833.46458	55867.26172	505569.1	5409554.6
L5570.0	505569.1	5409554.6	17506.09961	317.72	65.42	48.838941	-86.924104	55860.01	56244.6	5.36	55865.37	55893.29688	55834.62321	55868.71484	505569.1	5409554.6
L5570.0	505569.1	5409556.6	17506.19922	317.68	67.54	48.838959	-86.924104	55860.04	56244.6	5.36	55865.39	55893.63281	55835.69143	55870.08594	505569.1	5409556.6
L5570.0	505569.1	5409557.9	17506.30078	318.92	67.54	48.838970	-86.924104	55859.86	56244.6	5.36	55865.22	55893.78516	55831.90568	55866.60156	505569.1	5409557.9
L5570.0	505569.1	5409559.2	17506.40039	319.12	66.65	48.838982	-86.924104	55859.98	56244.6	5.36	55865.34	55894.23047	55834.18701	55869.18750	505569.1	5409559.2
L5570.0	505569.1	5409560.5	17506.50000	318.81	66.65	48.838994	-86.924104	55859.93	56244.6	5.35	55865.29	55894.50781	55832.19571	55867.50391	505569.1	5409560.5
L5570.0	505569.1	5409560.5	17506.59961	318.45	67.43	48.838994	-86.924104	55860.14	56244.6	5.35	55865.49	55895.04297	55835.05665	55870.67188	505569.1	5409560.5
L5570.0	505569.1	5409562.9	17506.69922	316.36	68.08	48.839015	-86.924103	55860.19	56244.6	5.35	55865.54	55895.42578	55834.21905	55870.14844	505569.1	5409562.9
L5570.0	505569.1	5409562.9	17506.80078	314.11	69.56	48.839015	-86.924103	55860.48	56244.6	5.35	55865.84	55896.06641	55837.84232	55874.08203	505569.1	5409562.9
L5570.0	505569.1	5409564.0	17506.90039	312.31	68.78	48.839025	-86.924103	55860.77	56244.6	5.35	55866.12	55896.68750	55840.34707	55876.90234	505569.1	5409564.0
L5570.0	505569.1	5409565.3	17507.00000	308.37	68.78	48.839037	-86.924103	55861.02	56244.7	5.35	55866.37	55897.28125	55841.62324	55878.49609	505569.1	5409565.3
L5570.0	505569.1	5409566.8	17507.09961	308.04	67.83	48.839051	-86.924103	55861.20	56244.7	5.35	55866.55	55897.80859	55841.07063	55878.26172	505569.1	5409566.8
L5570.0	505569.1	5409567.9	17507.19922	305.77	67.36	48.839061	-86.924103	55861.58	56244.7	5.34	55866.92	55898.52734	55843.24415	55880.75391	505569.1	5409567.9
L5570.0	505569.2	5409569.0	17507.30078	305.89	67.36	48.839070	-86.924103	55861.81	56244.7	5.34	55867.15	55899.10547	55842.43875	55880.26953	505569.2	5409569.0
L5570.0	505569.2	5409569.0	17507.40039	306.12	67.54	48.839070	-86.924103	55862.29	56244.7	5.34	55867.62	55899.92969	55844.92902	55883.07813	505569.2	5409569.0
L5570.0	505569.2	5409570.5	17507.50000	304.83	67.48	48.839084	-86.924103	55862.72	56244.7	5.33	55868.05	55900.71484	55846.08539	55884.55469	505569.2	5409570.5
L5570.0	505569.2	5409571.9	17507.59961	304.56	69.33	48.839096	-86.924103	55863.12	56244.7	5.33	55868.45	55901.47266	55846.13225	55884.92578	505569.2	5409571.9
L5570.0	505569.2	5409573.1	17507.69922	305.44	69.33	48.839107	-86.924103	55863.68	56244.7	5.33	55869.01	55902.39063	55847.94944	55887.06250	505569.2	5409573.1
L5570.0	505569.2	5409574.4	17507.80078	306.25	69.73	48.839119	-86.924103	55864.28	56244.7	5.33	55869.61	55903.34766	55849.67452	55889.10938	505569.2	5409574.4
L5570.0	505569.2	5409574.4	17507.90039	306.97	69.69	48.839119	-86.924103	55864.82	56244.7	5.32	55870.14	55904.23828	55849.68493	55889.44141	505569.2	5409574.4
L5570.0	505569.2	5409575.7	17508.00000	306.33	69.69	48.839130	-86.924103	55865.50	56244.7	5.32	55870.82	55905.28125	55851.30138	55891.37891	505569.2	5409575.7
L5570.0	505569.2	5409577.0	17508.09961	305.61	69.32	48.839142	-86.924103	55866.11	56244.7	5.32	55871.43	55906.25391	55851.21390	55891.60938	505569.2	5409577.0
L5570.0	505569.2	5409578.3	17508.19922	307.41	70.25	48.839154	-86.924103	55866.74	56244.7	5.32	55872.06	55907.25000	55850.77443	55891.49219	505569.2	5409578.3
L5570.0	505569.2	5409578.3	17508.30078	309.28	70.25	48.839154	-86.924103	55867.34	56244.7	5.32	55872.67	55908.22266	55849.32316	55890.35938	505569.2	5409578.3
L5570.0	505569.2	5409580.0	17508.40039	308.53	66.52	48.839169	-86.924102	55868.16	56244.7	5.32	55873.48	55909.39844	55850.45705	55891.80859	505569.2	5409580.0
L5570.0	505569.2	5409581.5	17508.50000	309.75	62.98	48.839183	-86.924102	55868.91	56244.7	5.33	55874.24	55910.52344	55850.16246	55891.82813	505569.2	5409581.5
L5570.0	505569.2	5409582.4	17508.59961	311.67	62.98	48.839191	-86.924102	55869.85	56244.7	5.33	55875.17	55911.82031	55852.22883	55894.21094	505569.2	5409582.4
L5570.0	505569.2	5409583.5	17508.69922	314.60	62.58	48.839200	-86.924102	55870.68	56244.7	5.33	55876.01	55913.02344	55852.16872	55894.46484	505569.2	5409583.5
L5570.0	505569.2	5409584.4	17508.80078	315.70	62.2	48.839208	-86.924102	55871.64	56244.7	5.33	55876.97	55914.35156	55853.75127	55896.35547	505569.2	5409584.4
L5570.0	505569.2	5409585.7	17508.90039	316.12	63.25	48.839220	-86.924102	55872.48	56244.7	5.33	55877.81	55915.55469	55852.51373	55895.42578	505569.2	5409585.7
L5570.0	505569.2	5409585.7	17509.00000	315.01	63.82	48.839220	-86.924102	55873.59	56244.7	5.33	55878.92	55917.03125	55855.95153	55899.17188	505569.2	5409585.7
L5570.0	505569.2	5409587.2	17509.09961	314.32	57.89	48.839234	-86.924102	55874.58	56244.7	5.33	55879.91	55918.38672	55856.53774	55900.06250	505569.2	5409587.2
L5570.0	505569.3	5409588.7	17509.19922	313.84	57.89	48.839248	-86.924101	55875.64	56244.7	5.33	55880.97	55919.80859	55857.99738	55901.82422	505569.3	5409588.7
L5570.0	505569.3	5409589.6	17509.30078	313.12	60.07	48.839256	-86.924101	55876.56	56244.7	5.32	55881.88	55921.08203	55855.79671	55899.92578	505569.3	5409589.6
L5570.0	505569.3	5409591.0	17509.40039	311.47	64.47	48.839268	-86.924101	55877.69	56244.7	5.32	55883.01	55922.57422	55857.62345	55902.04688	505569.3	5409591.0
L5570.0	505569.3	5409591.8	17509.50000	315.70	54.9	48.839276	-86.924101	55878.81	56244.7	5.32	55884.13	55924.05859	55858.72668	55903.44531	505569.3	5409591.8
L5570.0	505569.3	5409593.1	17509.59961	315.20	54.9	48.839287	-86.924101	55879.99	56244.7	5.32	55885.31	55925.59766	55860.60484	55905.61328	505569.3	5409593.1
L5570.0	505569.3	5409594.5	17509.69922	315.17	66.61	48.839299	-86.924101	55881.28	56244.7	5.32	55886.59	55927.23828	55864.15921	55909.45703	505569.3	5409594.5
L5570.0	505569.3	5409594.5	17509.80078	315.16	68.14	48.839299	-86.924101	55882.52	56244.7	5.31	55887.84	55928.84766	55866.59343	55912.17578	505569.3	5409594.5

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5570.0	505569.3	5409595.8	17509.90039	314.91	68.14	48.839311	-86.924101	55883.76	56244.7	5.31	55889.07	55930.43359	55868.12457	55913.98828	505569.3	5409595.8
L5570.0	505569.3	5409597.3	17510.00000	313.82	61.68	48.839325	-86.924101	55885.06	56244.7	5.31	55890.36	55932.08203	55870.51943	55916.66016	505569.3	5409597.3
L5570.0	505569.3	5409598.6	17510.09961	312.72	63.48	48.839336	-86.924101	55886.44	56244.7	5.31	55891.75	55933.82422	55874.68771	55921.10156	505569.3	5409598.6
L5570.0	505569.3	5409599.9	17510.19922	313.72	64.02	48.839348	-86.924100	55887.68	56244.7	5.31	55892.99	55935.41797	55875.15015	55921.83594	505569.3	5409599.9
L5570.0	505569.3	5409600.7	17510.30078	311.32	64.02	48.839356	-86.924100	55889.10	56244.7	5.31	55894.40	55937.17969	55878.98346	55925.93359	505569.3	5409600.7
L5570.0	505569.3	5409601.6	17510.40039	311.03	67.68	48.839363	-86.924100	55890.39	56244.7	5.31	55895.69	55938.82031	55879.82327	55927.03516	505569.3	5409601.6
L5570.0	505569.3	5409601.6	17510.50000	309.07	70.71	48.839363	-86.924100	55891.86	56244.7	5.31	55897.16	55940.63672	55884.33672	55931.80859	505569.3	5409601.6
L5570.0	505569.3	5409602.9	17510.59961	308.90	69.94	48.839375	-86.924100	55893.22	56244.7	5.30	55898.53	55942.35547	55886.36618	55934.08984	505569.3	5409602.9
L5570.0	505569.4	5409604.1	17510.69922	308.32	69.94	48.839386	-86.924100	55894.62	56244.7	5.30	55899.92	55944.08984	55888.60392	55936.57813	505569.4	5409604.1
L5570.0	505569.4	5409605.0	17510.80078	311.12	69.94	48.839394	-86.924100	55896.03	56244.7	5.30	55901.33	55945.83984	55891.09043	55939.31250	505569.4	5409605.0
L5570.0	505569.4	5409606.5	17510.90039	312.61	57.55	48.839408	-86.924100	55897.52	56244.7	5.30	55902.82	55947.67188	55895.21486	55943.67578	505569.4	5409606.5
L5570.0	505569.4	5409607.8	17511.00000	315.36	59.54	48.839419	-86.924099	55898.78	56244.7	5.30	55904.08	55949.26953	55894.06610	55942.76563	505569.4	5409607.8
L5570.0	505569.4	5409607.8	17511.09961	315.53	63.14	48.839419	-86.924099	55900.48	56244.7	5.30	55905.78	55951.30859	55902.76762	55951.69922	505569.4	5409607.8
L5570.0	505569.4	5409609.3	17511.19922	314.79	63.14	48.839432	-86.924099	55901.79	56244.7	5.30	55907.09	55952.95313	55902.64174	55951.80078	505569.4	5409609.3
L5570.0	505569.4	5409610.3	17511.30078	315.23	63.82	48.839441	-86.924099	55903.29	56244.7	5.30	55908.59	55954.78516	55906.85683	55956.23828	505569.4	5409610.3
L5570.0	505569.4	5409611.6	17511.40039	314.88	63.82	48.839453	-86.924099	55904.70	56244.7	5.30	55910.00	55956.52734	55909.08585	55958.68359	505569.4	5409611.6
L5570.0	505569.4	5409612.6	17511.50000	315.63	60.25	48.839462	-86.924099	55906.27	56244.7	5.30	55911.57	55958.42188	55915.13497	55964.94531	505569.4	5409612.6
L5570.0	505569.4	5409614.0	17511.59961	315.53	61.28	48.839475	-86.924099	55907.54	56244.7	5.30	55912.84	55960.01953	55914.37355	55964.39453	505569.4	5409614.0
L5570.0	505569.4	5409615.1	17511.69922	315.44	59.51	48.839485	-86.924099	55909.08	56244.7	5.30	55914.38	55961.88281	55920.11670	55970.34375	505569.4	5409615.1
L5570.0	505569.4	5409616.1	17511.80078	316.52	57.13	48.839494	-86.924099	55910.35	56244.7	5.30	55915.65	55963.47656	55919.73964	55970.16406	505569.4	5409616.1
L5570.0	505569.4	5409616.9	17511.90039	317.81	58.35	48.839501	-86.924099	55911.86	56244.7	5.30	55917.16	55965.30469	55925.32451	55975.94141	505569.4	5409616.9
L5570.0	505569.4	5409616.9	17512.00000	316.01	58.35	48.839501	-86.924099	55913.11	56244.7	5.30	55918.41	55966.87500	55925.01808	55975.82422	505569.4	5409616.9
L5570.0	505569.4	5409619.0	17512.09961	316.47	66.49	48.839520	-86.924099	55914.57	56244.7	5.30	55919.87	55968.64844	55930.09564	55981.08594	505569.4	5409619.0
L5570.0	505569.4	5409619.0	17512.19922	315.68	63.27	48.839520	-86.924099	55915.73	56244.7	5.29	55921.03	55970.12500	55928.30681	55979.47656	505569.4	5409619.0
L5570.0	505569.4	5409620.6	17512.30078	315.26	63.27	48.839534	-86.924099	55917.07	56244.7	5.29	55922.36	55971.76563	55931.03812	55982.38281	505569.4	5409620.6
L5570.0	505569.4	5409621.6	17512.40039	315.30	59.83	48.839543	-86.924099	55918.34	56244.7	5.28	55923.62	55973.33594	55932.51065	55984.02344	505569.4	5409621.6
L5570.0	505569.4	5409622.8	17512.50000	315.54	57.39	48.839554	-86.924099	55919.73	56244.7	5.28	55925.01	55975.03125	55937.65009	55989.32813	505569.4	5409622.8
L5570.0	505569.4	5409623.4	17512.59961	315.01	53.33	48.839560	-86.924099	55920.92	56244.7	5.28	55926.19	55976.51563	55938.14732	55989.98438	505569.4	5409623.4
L5570.0	505569.4	5409624.5	17512.69922	315.90	53.33	48.839570	-86.924099	55922.28	56244.7	5.27	55927.55	55978.17969	55943.61973	55995.60938	505569.4	5409624.5
L5570.0	505569.4	5409625.7	17512.80078	316.29	60.43	48.839580	-86.924099	55923.35	56244.7	5.27	55928.62	55979.55078	55942.48984	55994.62891	505569.4	5409625.7
L5570.0	505569.4	5409625.7	17512.90039	315.43	58.3	48.839580	-86.924099	55924.76	56244.7	5.26	55930.03	55981.26172	55950.37933	56002.66406	505569.4	5409625.7
L5570.0	505569.4	5409627.1	17513.00000	314.36	58.3	48.839592	-86.924099	55925.90	56244.7	5.26	55931.16	55982.68750	55951.93705	56004.35938	505569.4	5409627.1
L5570.0	505569.4	5409627.9	17513.09961	315.65	56.63	48.839600	-86.924099	55927.04	56244.7	5.26	55932.30	55984.12500	55954.37691	56006.93359	505569.4	5409627.9
L5570.0	505569.4	5409629.1	17513.19922	316.47	56.63	48.839611	-86.924099	55927.98	56244.7	5.26	55933.24	55985.35938	55952.45801	56005.14453	505569.4	5409629.1
L5570.0	505569.4	5409629.6	17513.30078	316.76	55.16	48.839616	-86.924099	55929.16	56244.7	5.26	55934.42	55986.82813	55957.21896	56010.03125	505569.4	5409629.6
L5570.0	505569.4	5409630.5	17513.40039	316.69	54.27	48.839623	-86.924098	55930.02	56244.7	5.26	55935.28	55987.98047	55954.60645	56007.53516	505569.4	5409630.5
L5570.0	505569.4	5409631.6	17513.50000	316.66	54.27	48.839633	-86.924098	55931.09	56244.7	5.26	55936.34	55989.32813	55957.71882	56010.76172	505569.4	5409631.6
L5570.0	505569.5	5409632.9	17513.59961	316.32	44.38	48.839645	-86.924098	55931.95	56244.7	5.25	55937.20	55990.47656	55956.46128	56009.61719	505569.5	5409632.9
L5570.0	505569.5	5409633.6	17513.69922	316.91	46.42	48.839651	-86.924098	55932.86	56244.7	5.25	55938.11	55991.67188	55957.16510	56010.42578	505569.5	5409633.6
L5570.0	505569.5	5409634.6	17513.80078	316.98	46.42	48.839661	-86.924098	55933.64	56244.7	5.25	55938.90	55992.74609	55955.51136	56008.87109	505569.5	5409634.6
L5570.0	505569.5	5409634.6	17513.90039	314.53	53.34	48.839661	-86.924098	55934.66	56244.7	5.25	55939.91	55994.03906	55960.18518	56013.64063	505569.5	5409634.6
L5570.0	505569.5	5409636.0	17514.00000	315.84	52.33	48.839673	-86.924098	55935.48	56244.8	5.25	55940.73	55995.14063	55960.71549	56014.26172	505569.5	5409636.0
L5570.0	505569.5	5409637.2	17514.09961	316.08	52.33	48.839684	-86.924097	55936.32	56244.7	5.25	55941.57	55996.25781	55962.46965	56016.10156	505569.5	5409637.2
L5570.0	505569.5	5409638.0	17514.19922	316.35	52.65	48.839691	-86.924097	55937.06	56244.7	5.25	55942.31	55997.27734	55962.36499	56016.08203	505569.5	5409638.0
L5570.0	505569.5	5409638.9	17514.30078	314.91	52.65	48.839699	-86.924097	55937.92	56244.7	5.25	55943.17	55998.41406	55966.05713	56019.85156	505569.5	5409638.9
L5570.0	505569.6	5409640.0	17514.40039	317.02	53.73	48.839708	-86.924097	55938.65	56244.7	5.25	55943.91	55999.43359	55967.36608	56021.23438	505569.6	5409640.0
L5570.0	505569.6	5409640.0	17514.50000	318.14	53.42	48.839708	-86.924097	55939.46	56244.7	5.25	55944.71	56000.50781	55970.92302	56024.85938	505569.6	5409640.0
L5570.0	505569.6	5409641.0	17514.59961	319.83	53.42	48.839718	-86.924096	55940.09	56244.7	5.26	55945.35	56001.42188	55971.04992	56025.05078	505569.6	5409641.0
L5570.0	505569.6	5409641.9	17514.69922	318.21	54.81	48.839726	-86.924096	55940.68	56244.7	5.26	55945.93	56002.27734	55970.31814	56024.37891	505569.6	5409641.9
L5570.0	505569.6	5409643.2	17514.80078	317.45	52.43	48.839738	-86.924096	55941.18	56244.7	5.26	55946.44	56003.05859	55968.46405	56022.58203	505569.6	5409643.2
L5570.0	505569.6	5409643.2	17514.90039	318.61	52.43	48.839738	-86.924096	55941.76	56244.7	5.26	55947.02	56003.91016	55969.09385	56023.26563	505569.6	5409643.2
L5570.0	505569.6	5409644.1	17515.00000	317.53	54.18	48.839746	-86.924096	55942.37	56244.7	5.26	55947.63	56004.79297	55971.16899	56025.38672	505569.6	5409644.1
L5570.0	505569.6	5409645.1	17515.09961	317.22	54.18	48.839755	-86.924095	55942.85	56244.7	5.26	55948.11	56005.54297	55970.55344	56024.81641	505569.6	5409645.1
L5570.0	505569.6	5409646.0	17515.19922	317.93	54.03	48.839763	-86.924095	55943.38	56244.7	5.25	55948.63	56006.33594	55971.62806	56025.93359	505569.6	5409646.0
L5570.0	505569.7	5409647.4	17515.30078	316.57	54.03	48.839775	-86.924095	55943.98	56244.7	5.25	55949.24	56007.21484	55975.68242	56030.02344	505569.7	5409647.4
L5570.0	505569.7	5409647.4	17515.40039	315.92	53.39	48.839775	-86.924095	55944.49	56244.8	5.25	55949.74	56007.98438	55977.54510	56031.92188	505569.7	5409647.4
L5570.0	505569.7	5409648.4	17515.50000	316.12	54.1	48.839784	-86.924095	55944.85	56244.8	5.25	55950.09	56008.60547	55976.16539	56030.57031	505569.7	5409648.4
L5570.0	505569.7	5409649.2	17515.59961	316.40	54.1	48.839792	-86.924095	55945.25	56244.8	5.24	55950.50	56009.28125	55976.97524	56031.40625	505569.7	5409649.2
L5570.0	505569.7	5409650.1	17515.69922	316.04	55.21	48.839800	-86.924095	55945.50	56244.8	5.24	55950.74	56009.79297	55973.98253	56028.43750	505569.7	5409650.1
L5570.0	505569.7	5409650.1	17515.80078	316.96	55.21	48.839800	-86.924095	55945.81	56244.8	5.24	55951.05	56010.37109	55973.41457	56027.89063	505569.7	5409650.1
L5570.0	505569.7	5409651.4	17515.90039	316.10	56.08	48.839812	-86.924095	55946.14	56244.8	5.23	55951.37	56010.96094	55973.70607	56028.19922	505569.7	5409651.4
L5570.0	505569.7	5409652.3	17516.00000	317.27	54.23	48.839819	-86.924094	55946.46	56244.8	5.23	55951.70	56011.55859	55974.85557	56029.35938	505569.7	5409652.3
L5570.0	505569.7	5409652.3	17516.09961	317.69	54.23	48.839819	-86.924094	55946.72	56244.8	5.23	55951.95	56012.07813	55974.47369	56028.98828	505569.7	5409652.3
L5570.0	505569.7	5409653.4	17516.19922	317.10	53.12	48.839830	-86.924094	55946.97	56244.8	5.23	55952.21	56012.60938	55979.37059	56033.89453	505569.7	5409653.4
L5570.0	505569.7	5409654.4	17516.30078	318.04	53.12	48.839838	-86.924094	55947.15	56244.8	5.23	55952.39	56013.05859	55978.74950	56033.27734	505569.7	5409654.4
L5570.0	505569.7	5409654.4	17516.40039	318.35	53.25	48.839838	-86.924094	55947.40	56244.8	5.23	55952.64	56013.57813	55979.60169	56034.12891	505569.7	5409654.4
L5570.0	505569.8	5409655.4	17516.50000	318.27	53.25	48.839847	-86.924094	55947.61	56244.8	5.24	55952.84	56014.04688	55979.90956	56034.43750	505569.8	5409655.4
L5570.0	505569.8	5409656.3	17516.59961	317.03	53.2	48.839855	-86.924093	55947.81	56244.8	5.24	55953.04	56014.51953	55980.47968	56035.00391	505569.8	5409656.3
L5570.0	505569.8	5409657.0	17516.69922	316.83	53.2	48.839862	-86.924093	55947.96	56244.8	5.24	55953.19	56014.94141	55980.46721	56034.98438	505569.8	5409657.0
L5570.0	505569.8	5409657.0	17516.80078	317.57	53.03	48.839862	-86.924093	55948.11	56244.8	5.24	55953.35	56015.37109	55980.86865	56035.37891	505569.8	5409657.0
L5570.0	505569.8	5409657.8	17516.90039	318.99	53.03	48.839869	-86.924093	55948.16	56244.8	5.24	55953.40	56015.69531	55979.67757	56034.17578	505569.8	5409657.8
L5570.0	505569.8	5409658.6	17517.00000	319.70	52.19	48.839877	-86.924093	55948.32	56244.8	5.24	55953.56	56016.12891	55980.55280	56035.03516	505569.8	5409658.6
L5570.0	505569.9	5409659.5	17517.09961	319.94	52.19	48.839884	-86.924092	55948.34	56244.8	5.24	55953.58	56016.42188	55976.14774	56030.61719	505569.9	5409659.5
L5570.0	505569.9	5409659.5	17517.19922	319.04	52.66	48.839884	-86.924092	55948.36	56244.8	5.24	55953.60	56016.71484	55975.09440	56029.54297	505569.9	5409659.5
L5570.0	505569.9	5409660.2	17517.30078	318.75	50.37	48.839890	-86.924092	55948.44	56244.8	5.24	55953.68	56017.07031	55976.04665	56030.47656	505569.9	5409660.2
L5570.0	505569.9	5409660.8	17517.40039	318.66	50.37	48.839896	-86.924091	55948.49	56244.8	5.24	55953.72	56017.38672	55976.35446	56030.76172	505569.9	5409660.8
L5570.0	505570.0	5409661.6	17517.50000	317.88	51.8	48.839903	-86.924091	55948.39	56244.8	5.24	55953.62	56017.56250	55973.44134	56027.82422	505570.0	5409661.6
L5570.0	505570.0	5409662.3	17517.59961	317.57	50.79	48.839909	-86.924090	55948.39	56244.8	5.23	55953.62	56017.84375	55973.51115	56027.86719	505570.0	5409662.3
L5570.0	505570.0	5409662.9	17517.69922	317.34	50.79	48.839915	-86.924090	55948.36	56244.8	5.23	55953.60	56018.10156	55973.43717	56027.76563	505570.0	5409662.9
L5570.0	505570.0	5409662.9	17517.80078	316.00	52.33	48.839915	-86.924090	55948.26	56244.8	5.23	55953.49	56018.26953	55971.44012	56025.73828	505570.0	5409662.9
L5570.0	505570.0	5409663.7	17517.90039	314.34	52.33	48.839922	-86.924090	55948.19	56244.8	5.23	55953.42	56018.48047	55970.80783	56025.07422	505570.0	5409663.7
L5570.0	505570.1	5409664.4	17518.00000	312.34	52.46	48.839928	-86.924089	55948.11	56244.8	5.23	55953.34	56018.68359	55970.25131	56024.48438	505570.1	5409664.4
L5570.0	505570.1	5409665.1	17518.09961	313.03	52.46	48.839935	-86.924089	55947.98	56244.8	5.23	55953.21	56018.83594	55968.75502	56022.95703	505570.1	5409665.1
L5570.0	505570.1	5409665.1	17518.19922	312.61	54.45	48.839935	-86.924089	55947.93	56244.8	5.23	55953.16	56019.07031	55969.54872	56023.71484	505570.1	5409665.1
L5570.0	505570.2	5409666.2	17518.30078	314.69	54.45	48.839944	-86.924088	55947.86	56244.8	5.23	55953.09	56019.28516	55970.11456	56024.24219	505570.2	5409666.2
L5570.0	505570.2	5409666.7	17518.40039	314.21	51.08	48.839949	-86.924088	55947.73	56244.8	5.23	55952.96	56019.44141	55969.43989	56023.52734	505570.2	5409666.7
L5570.0	505570.2	5409666.7	17518.50000	314.99	51.08	48.839949	-86.924088	55947.66	56244.8	5.23	55952.88	56019.64844	55970.25455	56024.30078	505570.2	5409666.7
L5570.0	505570.2	5409667.3	17518.59961	315.99	50.41	48.839954	-86.924087	55947.53	56244.8	5.22	55952.75	56019.80469	55970.04507	56024.05078	505570.2	5409667.3
L5570.0	505570.2	5409667.8	17518.69922	315.87	49.82	48.839959	-86.924087	55947.38	56244.8	5.22	55952.60	56019.94531	55969.53943	56023.50391	505570.2	5409667.8
L5570.0	505570.3	5409668.4	17518.80078	318.12	49.82	48.839964	-86.924086	55947.25	56244.8	5.22	55952.47	56020.10547	55969.72692	56023.64844	505570.3	5409668.4
L5570.0	505570.3	5409668.4	17518.90039	318.22	50.71	48.839964	-86.924086	55947.10	56244.8	5.22	55952.32	56020.24609	55969.57632	56023.44922	505570.3	5409668.4
L5570.0	505570.3	5409669.1	17519.00000	319.46	43.79	48.839971	-86.924086	55946.92	56244.8	5.22	55952.14	56020.35938	55968.80211	56022.62891	505570.3	5409669.1
L5570.0	505570.4	5409670.1	17519.09961	319.16	43.79	48.839980	-86.924085	55946.72	56244.8	5.22	55951.94	56020.45313	55967.63124	56021.41406	505570.4	5409670.1

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5570.0	505570.4	5409670.1	17519.19922	317.91	43.82	48.839980	-86.924085	55946.52	56244.8	5.22	55951.74	56020.54688	55966.56118	56020.29688	505570.4	5409670.1
L5570.0	505570.5	5409670.9	17519.30078	318.75	43.82	48.839987	-86.924084	55946.36	56244.8	5.22	55951.58	56020.68359	55966.63567	56020.32031	505570.5	5409670.9
L5570.0	505570.5	5409671.4	17519.40039	318.28	44.16	48.839991	-86.924083	55946.19	56244.8	5.22	55951.41	56020.80859	55966.53636	56020.17188	505570.5	5409671.4
L5570.0	505570.5	5409672.0	17519.50000	319.79	44.16	48.839996	-86.924083	55946.06	56244.8	5.22	55951.28	56020.97656	55964.81735	56018.40234	505570.5	5409672.0
L5570.0	505570.5	5409672.0	17519.59961	321.15	48.42	48.839996	-86.924083	55945.91	56244.8	5.22	55951.13	56021.12500	55965.09481	56018.62891	505570.5	5409672.0
L5570.0	505570.6	5409672.5	17519.69922	319.62	48.58	48.840001	-86.924082	55945.71	56244.8	5.22	55950.93	56021.22266	55964.62273	56018.10547	505570.6	5409672.5
L5570.0	505570.6	5409673.1	17519.80078	318.57	48.58	48.840007	-86.924082	55945.58	56244.8	5.22	55950.80	56021.39453	55965.39577	56018.82813	505570.6	5409673.1
L5570.0	505570.6	5409673.1	17519.90039	319.00	45.14	48.840007	-86.924082	55945.33	56244.8	5.22	55950.55	56021.44531	55966.72598	56020.10156	505570.6	5409673.1
L5570.0	505570.6	5409673.5	17520.00000	318.01	45.14	48.840010	-86.924082	55944.97	56244.8	5.22	55950.19	56021.38672	55961.96651	56015.28906	505570.6	5409673.5
L5570.0	505570.6	5409674.0	17520.09961	318.13	43.42	48.840014	-86.924081	55944.72	56244.8	5.22	55949.94	56021.44141	55960.23102	56013.50000	505570.6	5409674.0
L5570.0	505570.7	5409674.4	17520.19922	317.54	44.65	48.840018	-86.924081	55944.37	56244.8	5.22	55949.58	56021.38672	55955.71312	56008.92969	505570.7	5409674.4
L5570.0	505570.7	5409674.9	17520.30078	318.53	44.65	48.840023	-86.924081	55944.19	56244.8	5.21	55949.40	56021.50781	55956.04026	56009.19922	505570.7	5409674.9
L5570.0	505570.7	5409674.9	17520.40039	316.66	46.87	48.840023	-86.924081	55943.94	56244.8	5.21	55949.15	56021.56641	55954.65170	56007.75781	505570.7	5409674.9
L5570.0	505570.7	5409675.3	17520.50000	316.42	46.87	48.840026	-86.924080	55943.78	56244.8	5.21	55948.99	56021.71094	55955.72216	56008.76953	505570.7	5409675.3
L5570.0	505570.7	5409675.7	17520.59961	314.44	41.44	48.840030	-86.924080	55943.66	56244.8	5.21	55948.87	56021.89844	55957.94732	56010.94141	505570.7	5409675.7
L5570.0	505570.8	5409676.0	17520.69922	315.55	43.21	48.840033	-86.924079	55943.48	56244.8	5.21	55948.69	56022.02344	55958.76082	56011.69922	505570.8	5409676.0
L5570.0	505570.8	5409676.4	17520.80078	315.28	47.41	48.840036	-86.924079	55943.33	56244.8	5.20	55948.54	56022.18359	55960.50701	56013.38672	505570.8	5409676.4
L5570.0	505570.9	5409676.8	17520.90039	314.93	47.41	48.840040	-86.924078	55943.11	56244.8	5.20	55948.31	56022.26172	55960.36715	56013.19141	505570.9	5409676.8
L5570.0	505570.9	5409676.8	17521.00000	314.39	47.41	48.840040	-86.924078	55942.85	56244.8	5.20	55948.05	56022.30859	55959.63916	56012.40625	505570.9	5409676.8
L5570.0	505570.9	5409677.1	17521.09961	314.70	46.16	48.840043	-86.924077	55942.55	56244.8	5.20	55947.75	56022.32031	55958.06368	56010.77344	505570.9	5409677.1
L5570.0	505571.0	5409677.5	17521.19922	314.52	45.33	48.840046	-86.924077	55942.42	56244.8	5.20	55947.62	56022.50000	55961.16041	56013.81250	505571.0	5409677.5
L5570.0	505571.1	5409677.9	17521.30078	316.50	45.33	48.840049	-86.924075	55942.27	56244.8	5.21	55947.47	56022.66016	55966.47667	56019.07031	505571.1	5409677.9
L5570.0	505571.1	5409677.9	17521.40039	317.86	44.99	48.840049	-86.924075	55942.06	56244.8	5.21	55947.27	56022.76953	55967.94338	56020.47656	505571.1	5409677.9
L5570.0	505571.2	5409678.1	17521.50000	317.48	44.99	48.840052	-86.924074	55941.86	56244.8	5.21	55947.07	56022.87891	55969.57107	56022.04688	505571.2	5409678.1
L5570.0	505571.2	5409678.4	17521.59961	317.34	42.95	48.840054	-86.924073	55941.76	56244.8	5.21	55946.97	56023.08984	55973.08399	56025.50391	505571.2	5409678.4
L5570.0	505571.3	5409678.6	17521.69922	317.22	42.95	48.840056	-86.924072	55941.61	56244.8	5.21	55946.83	56023.26172	55976.11094	56028.47266	505571.3	5409678.6
L5570.0	505571.4	5409678.8	17521.80078	319.03	46.17	48.840058	-86.924071	55941.41	56244.8	5.22	55946.62	56023.36328	55978.08813	56030.39063	505571.4	5409678.8
L5570.1	505571.5	5410049.9	13450.50000	433.97	0	48.843396	-86.924065	56849.22	56250.9	-0.85	56848.36	56854.31250	56657.75113	56694.89063	505571.5	5410049.9
L5570.1	505571.5	5410049.9	13450.59961	435.35	0	48.843396	-86.924065	56848.70	56250.9	-0.85	56847.85	56853.86719	56671.05088	56707.66797	505571.5	5410049.9
L5570.1	505571.5	5410049.6	13450.70020	436.48	0	48.843394	-86.924065	56848.32	56250.8	-0.85	56847.47	56853.55078	56688.08712	56724.18359	505571.5	5410049.6
L5570.1	505571.5	5410049.5	13450.79981	437.66	0	48.843393	-86.924065	56847.95	56250.8	-0.85	56847.11	56853.25391	56705.81119	56741.38281	505571.5	5410049.5
L5570.1	505571.4	5410049.3	13450.90039	438.48	0	48.843391	-86.924065	56847.37	56250.8	-0.84	56846.52	56852.73047	56717.29869	56752.34766	505571.4	5410049.3
L5570.1	505571.4	5410049.3	13451.00000	438.34	0	48.843391	-86.924065	56847.21	56250.8	-0.84	56846.37	56852.64453	56741.09855	56775.63281	505571.4	5410049.3
L5570.1	505571.4	5410049.1	13451.09961	434.61	0	48.843389	-86.924066	56846.77	56250.8	-0.84	56845.93	56852.26563	56756.99742	56791.01563	505571.4	5410049.1
L5570.1	505571.4	5410048.9	13451.20020	434.63	0	48.843387	-86.924066	56846.39	56250.8	-0.84	56845.55	56851.94922	56774.68535	56808.18750	505571.4	5410048.9
L5570.1	505571.4	5410048.9	13451.29981	432.43	0	48.843387	-86.924066	56845.79	56250.8	-0.84	56844.95	56851.41406	56786.40971	56819.39844	505571.4	5410048.9
L5570.1	505571.4	5410048.6	13451.40039	430.04	0	48.843385	-86.924066	56845.12	56250.8	-0.84	56844.28	56850.80859	56796.32422	56828.80469	505571.4	5410048.6
L5570.1	505571.4	5410048.3	13451.50000	430.19	0	48.843382	-86.924066	56844.20	56250.8	-0.85	56843.35	56849.94141	56799.16942	56831.14453	505571.4	5410048.3
L5570.1	505571.4	5410048.3	13451.59961	430.66	0	48.843382	-86.924066	56843.20	56250.8	-0.85	56842.35	56849.00391	56800.20785	56831.68359	505571.4	5410048.3
L5570.1	505571.4	5410048.0	13451.70020	430.42	0	48.843379	-86.924066	56842.21	56250.8	-0.85	56841.36	56848.07813	56801.65701	56832.63672	505571.4	5410048.0
L5570.1	505571.4	5410047.7	13451.79981	429.74	0	48.843376	-86.924066	56841.42	56250.8	-0.85	56840.57	56847.35156	56808.78076	56839.26953	505571.4	5410047.7
L5570.1	505571.4	5410047.7	13451.90039	429.15	0	48.843376	-86.924066	56840.67	56250.8	-0.85	56839.82	56846.66406	56817.15286	56847.15234	505571.4	5410047.7
L5570.1	505571.4	5410047.3	13452.00000	428.47	0	48.843373	-86.924066	56840.00	56250.8	-0.85	56839.15	56846.05469	56827.88530	56857.40625	505571.4	5410047.3
L5570.1	505571.4	5410047.0	13452.09961	430.00	0	48.843370	-86.924066	56839.20	56250.8	-0.85	56838.35	56845.31641	56835.16880	56864.21875	505571.4	5410047.0
L5570.1	505571.5	5410046.7	13452.20020	431.28	0	48.843367	-86.924065	56838.69	56250.8	-0.85	56837.84	56844.86719	56850.63800	56879.21875	505571.5	5410046.7
L5570.1	505571.5	5410046.3	13452.20020	431.28	0	48.843364	-86.924065	56837.96	56250.8	-0.85	56837.11	56844.19922	56860.17859	56888.29688	505571.5	5410046.3
L5570.1	505571.5	5410046.3	13452.40039	431.75	0	48.843364	-86.924065	56837.22	56250.8	-0.85	56836.37	56843.52344	56869.61212	56897.27344	505571.5	5410046.3
L5570.1	505571.5	5410045.8	13452.50000	433.68	0	48.843359	-86.924064	56836.29	56250.8	-0.85	56835.44	56842.65234	56873.96251	56901.17578	505571.5	5410045.8
L5570.1	505571.6	5410045.4	13452.59961	434.00	0	48.843355	-86.924064	56835.44	56250.8	-0.85	56834.59	56841.86328	56880.71384	56907.49219	505571.6	5410045.4
L5570.1	505571.6	5410045.4	13452.70020	429.51	0	48.843355	-86.924064	56834.67	56250.8	-0.85	56833.82	56841.15234	56889.87512	56916.21875	505571.6	5410045.4
L5570.1	505571.6	5410044.8	13452.79981	431.40	0	48.843351	-86.924063	56833.84	56250.8	-0.85	56832.99	56840.38281	56897.57966	56923.50000	505571.6	5410044.8
L5570.1	505571.7	5410044.4	13452.90039	432.75	0	48.843347	-86.924062	56832.69	56250.8	-0.85	56831.84	56839.29297	56896.63887	56922.14063	505571.7	5410044.4
L5570.1	505571.7	5410044.0	13453.00000	432.39	0	48.843343	-86.924061	56831.68	56250.8	-0.85	56830.83	56838.34375	56899.79992	56924.89844	505571.7	5410044.0
L5570.1	505571.7	5410044.0	13453.09961	432.65	0	48.843343	-86.924061	56830.57	56250.8	-0.85	56829.72	56837.29297	56900.42913	56925.12891	505571.7	5410044.0
L5570.1	505571.8	5410043.2	13453.20020	432.31	0	48.843336	-86.924060	56829.62	56250.8	-0.85	56828.77	56836.39844	56905.73723	56930.05078	505571.8	5410043.2
L5570.1	505571.9	5410042.8	13453.29981	430.58	0	48.843332	-86.924059	56828.39	56250.8	-0.85	56827.54	56835.22656	56903.55408	56927.48438	505571.9	5410042.8
L5570.1	505571.9	5410042.8	13453.40039	431.57	0	48.843332	-86.924059	56827.26	56250.8	-0.85	56826.41	56834.15625	56904.41402	56927.97656	505571.9	5410042.8
L5570.1	505572.0	5410042.0	13453.50000	432.14	0	48.843325	-86.924058	56825.96	56250.8	-0.85	56825.11	56832.91406	56900.85483	56924.05859	505572.0	5410042.0
L5570.1	505572.1	5410041.4	13453.59961	432.51	0	48.843319	-86.924057	56824.18	56250.8	-0.85	56823.33	56831.19141	56884.30726	56907.16406	505572.1	5410041.4
L5570.1	505572.2	5410040.6	13453.70020	433.40	0	48.843313	-86.924055	56823.34	56250.8	-0.85	56822.49	56830.40625	56894.10235	56916.61719	505572.2	5410040.6
L5570.1	505572.2	5410040.6	13453.79981	433.27	0	48.843313	-86.924055	56822.23	56250.8	-0.85	56821.38	56829.35156	56896.75274	56918.93750	505572.2	5410040.6
L5570.1	505572.3	5410040.1	13453.90039	431.61	0	48.843308	-86.924054	56821.33	56250.8	-0.85	56820.48	56828.50781	56905.56381	56927.42969	505572.3	5410040.1
L5570.1	505572.4	5410039.3	13454.00000	432.21	0	48.843301	-86.924052	56819.86	56250.8	-0.85	56819.01	56827.08984	56898.95471	56920.51563	505572.4	5410039.3
L5570.1	505572.4	5410039.3	13454.09961	433.56	0	48.843301	-86.924052	56818.70	56250.8	-0.85	56817.85	56825.98438	56901.30667	56922.57422	505572.4	5410039.3
L5570.1	505572.5	5410038.7	13454.20020	434.36	0	48.843295	-86.924051	56817.54	56250.8	-0.85	56816.69	56824.87891	56904.05278	56925.03516	505572.5	5410038.7
L5570.1	505572.5	5410038.7	13454.20020	434.36	0	48.843295	-86.924051	56816.46	56250.8	-0.85	56815.61	56823.85156	56909.42465	56930.12891	505572.5	5410038.7
L5570.1	505572.7	5410037.5	13454.40039	433.00	0	48.843285	-86.924048	56815.38	56250.8	-0.85	56814.53	56822.82422	56915.22413	56935.66406	505572.7	5410037.5
L5570.1	505572.7	5410037.5	13454.50000	434.03	0	48.843285	-86.924048	56814.40	56250.8	-0.85	56813.55	56821.89453	56924.23711	56944.42578	505572.7	5410037.5
L5570.1	505572.8	5410036.9	13454.59961	434.75	0	48.843279	-86.924047	56813.38	56250.8	-0.85	56812.53	56820.92578	56932.60462	56952.55469	505572.8	5410036.9
L5570.1	505572.9	5410036.4	13454.70020	437.19	0	48.843275	-86.924046	56812.37	56250.8	-0.85	56811.52	56819.96875	56941.72854	56961.44922	505572.9	5410036.4
L5570.1	505572.9	5410035.8	13454.79981	437.90	0	48.843269	-86.924045	56811.52	56250.8	-0.85	56810.67	56819.16797	56955.77970	56975.28125	505572.9	5410035.8
L5570.1	505572.9	5410035.8	13454.90039	436.99	0	48.843269	-86.924045	56810.51	56250.8	-0.85	56809.66	56818.20703	56965.91576	56985.20703	505572.9	5410035.8
L5570.1	505573.0	5410035.2	13455.00000	437.05	0	48.843264	-86.924044	56809.46	56250.8	-0.85	56808.61	56817.20313	56975.47713	56994.57422	505573.0	5410035.2
L5570.1	505573.1	5410034.4	13455.09961	436.82	0	48.843257	-86.924044	56808.54	56250.8	-0.85	56807.69	56816.33203	56989.18864	57008.10156	505573.1	5410034.4
L5570.1	505573.1	5410033.9	13455.20020	435.29	0	48.843253	-86.924043	56807.50	56250.8	-0.85	56806.65	56815.33984	57000.14627	57018.88672	505573.1	5410033.9
L5570.1	505573.1	5410033.9	13455.29981	434.12	0	48.843253	-86.924043	56806.50	56250.8	-0.85	56805.65	56814.38672	57012.79803	57031.37500	505573.1	5410033.9
L5570.1	505573.1	5410033.2	13455.40039	433.93	0	48.843246	-86.924043	56805.42	56250.8	-0.85	56804.57	56813.35156	57023.83927	57042.26563	505573.1	5410033.2
L5570.1	505573.1	5410032.6	13455.50000	435.56	0	48.843241	-86.924043	56804.38	56250.8	-0.85	56803.53	56812.35547	57036.61036	57054.89844	505573.1	5410032.6
L5570.1	505573.1	5410032.6	13455.59961	433.59	0	48.843241	-86.924043	56802.89	56250.8	-0.85	56802.04	56810.91016	57037.56205	57055.72266	505573.1	5410032.6
L5570.1	505573.1	5410031.7	13455.70020	432.40	0	48.843232	-86.924043	56801.45	56250.8	-0.85	56800.60	56809.51563	57040.55582	57058.59766	505573.1	5410031.7
L5570.1	505573.0	5410030.9	13455.79981	433.29	0	48.843225	-86.924044	56799.88	56250.8	-0.85	56799.03	56807.98828	57040.62533	57058.55859	505573.0	5410030.9
L5570.1	505573.0	5410030.1	13455.90039	434.95	0	48.843218	-86.924044	56798.54	56250.8	-0.85	56797.69	56806.68750	57047.75546	57065.58984	505573.0	5410030.1
L5570.1	505573.0	5410029.4	13456.00000	436.04	0	48.843211	-86.924045	56796.89	56250.8	-0.85	56796.04	56805.07813	57047.01187	57064.76172	505573.0	5410029.4
L5570.1	505573.0	5410029.4	13456.09961	432.58	0	48.843211	-86.924045	56795.22	56250.8	-0.85	56794.37	56803.44922	57046.44082	57064.11719	505573.0	5410029.4
L5570.1	505572.9	5410028.7	13456.20020	431.51	0	48.843205	-86.924045	56793.31	56250.8	-0.85	56792.46	56801.58203	57039.96756	57057.57813	505572.9	5410028.7
L5570.1	505572.9	5410027.7	13456.20020	431.51	0	48.843197	-86.924046	56791.36	56250.8	-0.85	56790.51	56799.66797	57033.14587	57050.69922	505572.9	5410027.7
L5570.1	505572.9	5410027.7	13456.40039	430.10	0	48.843197	-86.924046	56789.58	56250.8	-0.85	56788.74	56797.93750	57032.08300	57049.58984	505572.9	5410027.7
L5570.1	505572.8	5410026.4	13456.50000	430.47	0	48.843185	-86.924047	56787.62	56250.8	-0.85	56786.78	56796.01563	57026.55005	57044.02344	505572.8	5410026.4
L5570.1	505572.8	5410025.7	13456.59961	429.59	0	48.843179	-86.924048	56785.54	56250.8	-0.84	56784.70	56793.97266	57018.50034	57035.94531	505572.8	5410025.7
L5570.1	505572.8	5410025.7	13456.70020	429.89	0	48.843179	-86.924048	56783.29	56250.8	-0.84	56782.45	56791.75781	57006.56431	57023.99219	505572.8	5410025.7
L5570.1	505572.7	5410024.8	13456.79981	427.02	0	48.843171	-86.924048	56781.08	56250.8	-0.84	56780.24	56789.58203	56996.57075	57013.98828	505572.7	5410024.8
L5570.1	505572.7	5410023.9	13456.90039	427.02	0	48.843163	-86.924049	56778.92	56250.8	-0.84	56778.08	56787.45313	56988.81048	57006.22656	505572.7	5410023.9
L5570.1	505572.7	5410023.9	13457.00000	425.45	0	48.843163	-86.924049	56776.84	56250.8	-0.84	56776.00	56785.40625	56984.12759	57001.55469	505572.7	5410023.9

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5570.1	505572.6	5410022.5	13457.09961	425.92	0	48.843150	-86.924049	56774.62	56250.8	-0.84	56773.78	56783.21875	56976.44378	56993.88672	505572.6	5410022.5
L5570.1	505572.6	5410022.0	13457.20020	427.99	0	48.843145	-86.924049	56772.53	56250.8	-0.84	56771.69	56781.16016	56973.24721	56990.71484	505572.6	5410022.0
L5570.1	505572.6	5410021.2	13457.29981	429.97	0	48.843138	-86.924050	56770.54	56250.8	-0.84	56769.70	56779.20313	56973.71920	56991.21875	505572.6	5410021.2
L5570.1	505572.6	5410020.2	13457.40039	430.61	0	48.843129	-86.924050	56768.28	56250.8	-0.84	56767.44	56776.97266	56967.62670	56985.16406	505572.6	5410020.2
L5570.1	505572.6	5410020.2	13457.50000	431.70	0	48.843129	-86.924050	56765.73	56250.8	-0.85	56764.89	56774.44922	56954.42681	56972.01172	505572.6	5410020.2
L5570.1	505572.6	5410019.2	13457.59961	432.43	0	48.843120	-86.924050	56763.11	56250.8	-0.85	56762.26	56771.84766	56939.94425	56957.58203	505572.6	5410019.2
L5570.1	505572.6	5410018.1	13457.70020	434.68	0	48.843110	-86.924051	56760.82	56250.8	-0.85	56759.97	56769.58594	56935.81758	56953.51563	505572.6	5410018.1
L5570.1	505572.6	5410018.1	13457.79981	434.40	0	48.843110	-86.924051	56758.53	56250.8	-0.85	56757.68	56767.32031	56932.64207	56950.40234	505572.6	5410018.1
L5570.1	505572.5	5410017.1	13457.90039	434.87	0	48.843101	-86.924051	56756.23	56250.8	-0.85	56755.38	56765.04688	56930.14934	56947.98047	505572.5	5410017.1
L5570.1	505572.5	5410016.0	13458.00000	434.69	0	48.843092	-86.924051	56753.84	56250.8	-0.85	56752.99	56762.67969	56926.13223	56944.04297	505572.5	5410016.0
L5570.1	505572.5	5410016.0	13458.09961	433.67	0	48.843092	-86.924051	56751.39	56250.8	-0.85	56750.54	56760.25391	56921.42862	56939.41797	505572.5	5410016.0
L5570.1	505572.5	5410015.0	13458.20020	432.24	0	48.843083	-86.924051	56748.94	56250.8	-0.85	56748.09	56757.82813	56917.70637	56935.78516	505572.5	5410015.0
L5570.1	505572.5	5410014.1	13458.20020	432.24	0	48.843074	-86.924051	56746.19	56250.8	-0.85	56745.34	56755.09766	56906.66513	56924.83203	505572.5	5410014.1
L5570.1	505572.5	5410014.1	13458.40039	432.51	0	48.843074	-86.924051	56743.48	56250.8	-0.85	56742.63	56752.41016	56897.72402	56915.98438	505572.5	5410014.1
L5570.1	505572.5	5410013.0	13458.50000	432.48	0	48.843064	-86.924051	56740.88	56250.8	-0.85	56740.03	56749.82813	56892.82585	56911.18750	505572.5	5410013.0
L5570.1	505572.5	5410011.9	13458.59961	432.66	0	48.843055	-86.924051	56738.21	56250.8	-0.85	56737.36	56747.17578	56886.99079	56905.45313	505572.5	5410011.9
L5570.1	505572.5	5410011.1	13458.70020	433.90	0	48.843048	-86.924051	56735.52	56250.8	-0.85	56734.67	56744.50391	56881.60655	56900.17188	505572.5	5410011.1
L5570.1	505572.5	5410011.1	13458.79981	435.10	0	48.843048	-86.924051	56732.85	56250.8	-0.85	56732.00	56741.85156	56877.78329	56896.45703	505572.5	5410011.1
L5570.1	505572.6	5410009.8	13458.90039	432.99	0	48.843035	-86.924051	56730.05	56250.8	-0.85	56729.20	56739.07031	56871.36982	56890.15234	505572.6	5410009.8
L5570.1	505572.6	5410008.6	13459.00000	432.38	0	48.843025	-86.924051	56727.13	56250.8	-0.85	56726.28	56736.16406	56862.64434	56881.53906	505572.6	5410008.6
L5570.1	505572.6	5410008.6	13459.09961	431.14	0	48.843025	-86.924051	56724.54	56250.8	-0.85	56723.69	56733.58984	56864.06698	56883.07422	505572.6	5410008.6
L5570.1	505572.6	5410007.9	13459.20020	431.92	0	48.843019	-86.924051	56721.75	56250.8	-0.84	56720.90	56730.81250	56860.96320	56880.08594	505572.6	5410007.9
L5570.1	505572.6	5410006.6	13459.29981	432.71	0	48.843006	-86.924050	56718.88	56250.8	-0.84	56718.03	56727.95313	56856.65484	56875.89453	505572.6	5410006.6
L5570.1	505572.6	5410005.3	13459.40039	432.77	0	48.842995	-86.924050	56715.75	56250.8	-0.84	56714.91	56724.84766	56846.43362	56865.78906	505572.6	5410005.3
L5570.1	505572.6	5410005.3	13459.50000	432.77	0	48.842995	-86.924050	56712.96	56250.8	-0.83	56712.13	56722.07813	56846.63331	56866.10156	505572.6	5410005.3
L5570.1	505572.6	5410004.0	13459.59961	430.25	0	48.842983	-86.924050	56710.04	56250.8	-0.83	56709.21	56719.16797	56843.96112	56863.54688	505572.6	5410004.0
L5570.1	505572.6	5410003.0	13459.70020	430.25	0	48.842974	-86.924050	56706.99	56250.8	-0.83	56706.16	56716.12500	56838.69061	56858.39063	505572.6	5410003.0
L5570.1	505572.6	5410003.0	13459.70020	429.03	0	48.842974	-86.924050	56703.64	56250.8	-0.83	56702.81	56712.78516	56826.11091	56845.92578	505572.6	5410003.0
L5570.1	505572.6	5410001.5	13459.79981	428.43	0	48.842961	-86.924050	56700.61	56250.8	-0.83	56699.78	56709.76172	56823.38384	56843.31250	505572.6	5410001.5
L5570.1	505572.6	5410000.6	13460.00000	432.20	0	48.842953	-86.924050	56697.55	56250.8	-0.82	56696.73	56706.71875	56821.09034	56841.12891	505572.6	5410000.6
L5570.1	505572.6	5409999.6	13460.09961	432.20	0	48.842944	-86.924050	56694.26	56250.8	-0.82	56693.44	56703.43359	56813.13325	56833.28516	505572.6	5409999.6
L5570.1	505572.7	5409998.4	13460.20020	433.19	0	48.842933	-86.924050	56691.06	56250.8	-0.82	56690.24	56700.23828	56808.64309	56828.90234	505572.7	5409998.4
L5570.1	505572.7	5409998.4	13460.20020	433.19	0	48.842933	-86.924050	56687.89	56250.8	-0.82	56687.07	56697.07031	56805.95154	56826.31641	505572.7	5409998.4
L5570.1	505572.7	5409997.3	13460.29981	433.19	0	48.842923	-86.924049	56684.55	56250.8	-0.82	56683.72	56693.72266	56799.23651	56819.70313	505572.7	5409997.3
L5570.1	505572.7	5409995.7	13460.40039	433.17	0	48.842908	-86.924049	56681.01	56250.8	-0.82	56680.19	56690.19531	56788.48976	56809.05469	505572.7	5409995.7
L5570.1	505572.7	5409995.7	13460.59961	434.49	0	48.842908	-86.924049	56677.72	56250.8	-0.83	56676.89	56686.89844	56785.05447	56805.71484	505572.7	5409995.7
L5570.1	505572.7	5409994.3	13460.70020	435.26	0	48.842896	-86.924048	56674.42	56250.8	-0.83	56673.60	56683.60938	56782.82996	56803.58594	505572.7	5409994.3
L5570.1	505572.8	5409993.3	13460.79981	436.34	0	48.842887	-86.924048	56670.98	56250.8	-0.83	56670.15	56680.15625	56777.09939	56797.94531	505572.8	5409993.3
L5570.1	505572.8	5409991.6	13460.90039	436.78	0	48.842872	-86.924048	56667.52	56250.8	-0.83	56666.69	56676.69531	56772.00543	56792.93359	505572.8	5409991.6
L5570.1	505572.8	5409991.6	13461.00000	436.19	0	48.842872	-86.924048	56664.07	56250.8	-0.83	56663.24	56673.24609	56768.09085	56789.10156	505572.8	5409991.6
L5570.1	505572.8	5409991.6	13461.09961	436.74	0	48.842872	-86.924048	56660.66	56250.8	-0.83	56659.83	56669.83203	56766.17476	56787.26172	505572.8	5409991.6
L5570.1	505572.9	5409989.9	13461.20020	437.10	0	48.842856	-86.924047	56657.00	56250.8	-0.83	56656.17	56666.16797	56758.21566	56779.37500	505572.9	5409989.9
L5570.1	505572.9	5409988.7	13461.29981	436.10	0	48.842846	-86.924047	56653.24	56250.8	-0.83	56652.41	56662.40234	56748.35421	56769.57813	505572.9	5409988.7
L5570.1	505572.9	5409987.8	13461.40039	434.90	0	48.842837	-86.924046	56649.62	56250.8	-0.83	56648.79	56658.77734	56743.22244	56764.50781	505572.9	5409987.8
L5570.1	505572.9	5409986.2	13461.50000	432.68	0	48.842824	-86.924046	56645.99	56250.8	-0.83	56645.16	56655.14453	56738.65369	56759.99609	505572.9	5409986.2
L5570.1	505572.9	5409986.2	13461.59961	429.79	0	48.842824	-86.924046	56642.09	56250.8	-0.83	56641.26	56651.23828	56727.43520	56748.82813	505572.9	5409986.2
L5570.1	505573.0	5409984.7	13461.70020	428.31	0	48.842810	-86.924045	56638.32	56250.8	-0.83	56637.49	56647.46094	56720.62767	56742.06641	505573.0	5409984.7
L5570.1	505573.0	5409984.7	13461.79981	427.59	0	48.842810	-86.924045	56634.64	56250.8	-0.83	56633.81	56643.77344	56717.10874	56738.58594	505573.0	5409984.7
L5570.1	505573.0	5409983.3	13461.90039	428.30	0	48.842797	-86.924045	56630.81	56250.8	-0.83	56629.98	56639.93359	56710.21806	56731.73047	505573.0	5409983.3
L5570.1	505573.0	5409982.0	13462.00000	425.61	0	48.842785	-86.924045	56626.93	56250.8	-0.83	56626.10	56636.04297	56702.70874	56724.25000	505573.0	5409982.0
L5570.1	505573.0	5409982.0	13462.09961	425.08	0	48.842785	-86.924045	56623.20	56250.8	-0.83	56622.37	56632.30469	56700.10222	56721.66406	505573.0	5409982.0
L5570.1	505573.0	5409980.7	13462.20020	428.34	0	48.842773	-86.924045	56619.35	56250.8	-0.83	56618.51	56628.43359	56694.62944	56716.20313	505573.0	5409980.7
L5570.1	505573.1	5409979.3	13462.20020	428.34	0	48.842761	-86.924044	56615.37	56250.8	-0.83	56614.54	56624.45313	56686.82728	56708.41016	505573.1	5409979.3
L5570.1	505573.1	5409979.3	13462.40039	432.69	0	48.842761	-86.924044	56611.34	56250.8	-0.84	56610.50	56620.39844	56677.78601	56699.37109	505573.1	5409979.3
L5570.1	505573.1	5409978.1	13462.50000	433.74	0	48.842750	-86.924044	56607.40	56250.8	-0.84	56606.56	56616.44922	56672.19493	56693.77734	505573.1	5409978.1
L5570.1	505573.1	5409978.1	13462.59961	433.06	0	48.842750	-86.924044	56603.25	56250.8	-0.84	56602.40	56612.27344	56661.17600	56682.74219	505573.1	5409978.1
L5570.1	505573.1	5409976.7	13462.70020	435.47	0	48.842738	-86.924044	56599.22	56250.8	-0.84	56598.38	56608.24219	56654.67852	56676.22656	505573.1	5409976.7
L5570.1	505573.1	5409975.2	13462.79981	433.46	0	48.842724	-86.924043	56595.10	56250.8	-0.85	56594.26	56604.10547	56646.03879	56667.56250	505573.1	5409975.2
L5570.1	505573.1	5409975.2	13462.90039	431.97	0	48.842724	-86.924043	56591.11	56250.8	-0.85	56590.26	56600.08984	56641.32918	56662.82031	505573.1	5409975.2
L5570.1	505573.2	5409973.6	13463.00000	431.22	0	48.842710	-86.924043	56587.12	56250.8	-0.85	56586.27	56596.08594	56637.48476	56658.93750	505573.2	5409973.6
L5570.1	505573.2	5409972.6	13463.09961	432.41	0	48.842701	-86.924042	56583.04	56250.8	-0.85	56582.19	56591.98828	56631.71720	56653.12109	505573.2	5409972.6
L5570.1	505573.2	5409971.2	13463.20020	432.49	0	48.842689	-86.924042	56578.70	56250.8	-0.84	56577.86	56587.64453	56619.57661	56640.92578	505573.2	5409971.2
L5570.1	505573.2	5409971.2	13463.29981	432.93	0	48.842689	-86.924042	56574.28	56250.8	-0.84	56573.44	56583.20703	56605.47289	56626.76172	505573.2	5409971.2
L5570.1	505573.2	5409970.0	13463.40039	435.16	0	48.842678	-86.924042	56570.17	56250.8	-0.84	56569.33	56579.07813	56600.46076	56621.68359	505573.2	5409970.0
L5570.1	505573.3	5409968.8	13463.50000	436.13	0	48.842667	-86.924042	56565.73	56250.8	-0.83	56564.90	56574.63281	56587.07624	56608.22656	505573.3	5409968.8
L5570.1	505573.3	5409968.8	13463.59961	433.87	0	48.842667	-86.924042	56561.60	56250.8	-0.83	56560.77	56570.48438	56582.46484	56603.53516	505573.3	5409968.8
L5570.1	505573.3	5409967.8	13463.70020	433.86	0	48.842658	-86.924042	56557.28	56250.8	-0.83	56556.45	56566.14453	56573.03838	56594.01953	505573.3	5409967.8
L5570.1	505573.3	5409966.4	13463.79981	432.89	0	48.842645	-86.924042	56553.20	56250.8	-0.83	56552.37	56562.04688	56570.68120	56591.56641	505573.3	5409966.4
L5570.1	505573.3	5409965.1	13463.90039	431.75	0	48.842634	-86.924042	56548.89	56250.8	-0.82	56548.06	56557.71484	56562.35842	56583.14453	505573.3	5409965.1
L5570.1	505573.3	5409965.1	13464.00000	432.78	0	48.842634	-86.924042	56544.30	56250.8	-0.82	56543.48	56553.11719	56546.94069	56567.62109	505573.3	5409965.1
L5570.1	505573.3	5409963.7	13464.09961	432.25	0	48.842621	-86.924042	56539.86	56250.8	-0.82	56539.03	56548.64844	56535.48106	56556.04297	505573.3	5409963.7
L5570.1	505573.3	5409962.4	13464.20020	430.89	0	48.842609	-86.924041	56535.59	56250.8	-0.83	56534.77	56544.36719	56529.61853	56550.06250	505573.3	5409962.4
L5570.1	505573.3	5409961.0	13464.20020	430.89	0	48.842596	-86.924041	56531.28	56250.8	-0.83	56530.45	56540.02344	56522.40870	56542.72656	505573.3	5409961.0
L5570.1	505573.3	5409961.0	13464.40039	431.14	0	48.842596	-86.924041	56526.86	56250.8	-0.84	56526.02	56535.57422	56512.44457	56532.62891	505573.3	5409961.0
L5570.1	505573.3	5409959.5	13464.50000	433.83	0	48.842583	-86.924041	56522.25	56250.8	-0.84	56521.41	56530.94531	56497.76516	56517.81250	505573.3	5409959.5
L5570.1	505573.3	5409959.5	13464.59961	434.38	0	48.842583	-86.924041	56517.68	56250.8	-0.84	56516.84	56526.35156	56484.43881	56504.34375	505573.3	5409959.5
L5570.1	505573.3	5409957.7	13464.70020	435.53	0	48.842567	-86.924041	56513.23	56250.8	-0.85	56512.39	56521.87891	56474.65739	56494.41016	505573.3	5409957.7
L5570.1	505573.3	5409957.0	13464.79981	436.38	0	48.842561	-86.924041	56508.64	56250.9	-0.85	56507.79	56517.25781	56460.92193	56480.51953	505573.3	5409957.0
L5570.1	505573.3	5409957.0	13464.90039	435.10	0	48.842561	-86.924041	56504.23	56250.9	-0.86	56503.37	56512.81641	56452.34596	56471.78906	505573.3	5409957.0
L5570.1	505573.3	5409954.8	13465.00000	432.30	0	48.842541	-86.924041	56499.68	56250.9	-0.86	56498.82	56508.24219	56440.32269	56459.60156	505573.3	5409954.8
L5570.1	505573.3	5409953.7	13465.09961	431.84	0	48.842531	-86.924041	56495.27	56250.9	-0.86	56494.41	56503.81250	56432.30414	56451.41016	505573.3	5409953.7
L5570.1	505573.3	5409952.4	13465.20020	431.57	0	48.842519	-86.924041	56490.83	56250.9	-0.86	56489.97	56499.34766	56423.55959	56442.49219	505573.3	5409952.4
L5570.1	505573.4	5409950.8	13465.29981	430.00	0	48.842504	-86.924040	56486.29	56250.9	-0.86	56485.43	56494.78516	56412.12698	56430.88281	505573.4	5409950.8
L5570.1	505573.4	5409950.8	13465.40039	428.38	0	48.842504	-86.924040	56481.72	56250.9	-0.86	56480.86	56490.19141	56399.92044	56418.49609	505573.4	5409950.8
L5570.1	505573.4	5409949.5	13465.50000	430.25	0	48.842493	-86.924040	56477.38	56250.9	-0.86	56476.52	56485.83203	56394.11470	56412.50391	505573.4	5409949.5
L5570.1	505573.4	5409948.5	13465.59961	428.48	0	48.842484	-86.924040	56472.76	56250.9	-0.85	56471.90	56481.18750	56380.56483	56398.76563	505573.4	5409948.5
L5570.1	505573.4	5409947.2	13465.70020	431.21	0	48.842472	-86.924040	56468.12	56250.9	-0.85	56467.26	56476.52344	56366.44541	56384.44922	505573.4	5409947.2
L5570.1	505573.4	5409947.2	13465.79981	431.42	0	48.842472	-86.924040	56463.70	56250.9	-0.85	56462.85	56472.08984	56358.65407	56376.46484	505573.4	5409947.2
L5570.1	505573.4	5409945.5	13465.90039	430.80	0	48.842457	-86.924040	56458.85	56250.9	-0.85	56458.00	56467.21875	56338.61569	56356.22656	505573.4	5409945.5
L5570.1	505573.4	5409944.1	13466.00000	429.19	0	48.842444	-86.924040	56454.23	56250.8	-0.85	56453.38	56462.57422	56324.85667	56342.26953	505573.4	5409944.1
L5570.1	505573.4	5409944.1	13466.09961	428.20	0	48.842444	-86.924040	56449.54	56250.9	-0.85	56448.69	56457.86328	56309.04628	56326.25000	505573.4	5409944.1
L5570.1	505573.4	5409942.8	13466.20020	428.50	0	48.842433	-86.924040	56445.22	56250.9	-0.85	56444.37	56453.51953	56303.34272	56320.33984	505573.4	5409942.8
L5570.1	505573.4	5409941.8	13466.20020	428.50	0	48.842423	-86.924040	56440.61	56250.9	-0.85	56439.75	56448.87500	56289.17077	56305.96094	505573.4	5409941.8

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5570.1	505573.4	5409941.8	13466.40039	428.58	0	48.842423	-86.924040	56435.83	56250.9	-0.86	56434.97	56444.07422	56270.38231	56286.96094	505573.4	5409941.8
L5570.1	505573.4	5409940.3	13466.50000	429.90	0	48.842410	-86.924040	56431.46	56250.9	-0.86	56430.60	56439.68359	56262.73495	56279.10156	505573.4	5409940.3
L5570.1	505573.4	5409938.8	13466.59961	428.43	0	48.842396	-86.924040	56427.06	56250.9	-0.86	56426.19	56435.25000	56253.74487	56269.89453	505573.4	5409938.8
L5570.1	505573.4	5409937.3	13466.70020	430.49	0	48.842384	-86.924040	56422.62	56250.9	-0.86	56421.75	56430.78516	56243.66462	56259.59766	505573.4	5409937.3
L5570.1	505573.4	5409937.3	13466.79981	433.83	0	48.842384	-86.924040	56418.09	56250.9	-0.87	56417.23	56426.24609	56231.08556	56246.80078	505573.4	5409937.3
L5570.1	505573.4	5409936.4	13466.90039	430.39	0	48.842375	-86.924040	56413.42	56250.9	-0.87	56412.55	56421.54297	56213.76850	56229.26953	505573.4	5409936.4
L5570.1	505573.4	5409934.9	13467.00000	431.66	0	48.842361	-86.924040	56408.81	56250.9	-0.87	56407.93	56416.90234	56197.78065	56213.06250	505573.4	5409934.9
L5570.1	505573.4	5409933.5	13467.09961	430.17	0	48.842349	-86.924040	56404.06	56250.9	-0.87	56403.19	56412.14063	56178.11423	56193.17578	505573.4	5409933.5
L5570.1	505573.4	5409932.1	13467.20020	429.68	0	48.842337	-86.924040	56399.59	56250.9	-0.87	56398.73	56407.65625	56165.82046	56180.65625	505573.4	5409932.1
L5570.1	505573.4	5409932.1	13467.29981	431.32	0	48.842337	-86.924040	56395.43	56250.9	-0.87	56394.56	56403.46875	56161.15247	56175.76953	505573.4	5409932.1
L5570.1	505573.4	5409930.4	13467.40039	429.46	0	48.842321	-86.924040	56391.20	56250.9	-0.87	56390.33	56399.21484	56154.39595	56168.79297	505573.4	5409930.4
L5570.1	505573.4	5409929.1	13467.50000	431.55	0	48.842309	-86.924041	56386.75	56250.9	-0.87	56385.89	56394.75781	56141.37428	56155.55078	505573.4	5409929.1
L5570.1	505573.4	5409929.1	13467.59961	431.14	0	48.842309	-86.924041	56382.54	56250.9	-0.86	56381.68	56390.52734	56134.24680	56148.19922	505573.4	5409929.1
L5570.1	505573.4	5409927.4	13467.70020	434.01	0	48.842294	-86.924041	56377.95	56250.9	-0.86	56377.09	56385.91406	56116.10090	56129.82813	505573.4	5409927.4
L5570.1	505573.4	5409926.1	13467.79981	433.27	0	48.842282	-86.924041	56373.46	56250.9	-0.86	56372.60	56381.40625	56100.20382	56113.71094	505573.4	5409926.1
L5570.1	505573.4	5409924.4	13467.90039	430.69	0	48.842267	-86.924041	56368.86	56250.9	-0.86	56368.00	56376.78516	56080.71846	56094.00781	505573.4	5409924.4
L5570.1	505573.4	5409924.4	13468.00000	433.52	0	48.842267	-86.924041	56364.78	56250.9	-0.86	56363.92	56372.68750	56075.06570	56088.13281	505573.4	5409924.4
L5570.1	505573.4	5409923.2	13468.09961	434.79	0	48.842257	-86.924041	56360.68	56250.9	-0.86	56359.81	56368.55859	56067.99509	56080.83984	505573.4	5409923.2
L5570.1	505573.4	5409921.9	13468.20020	432.86	0	48.842245	-86.924041	56356.54	56250.9	-0.86	56355.67	56364.39844	56059.48472	56072.10938	505573.4	5409921.9
L5570.1	505573.4	5409921.9	13468.20020	432.86	0	48.842245	-86.924041	56352.41	56250.9	-0.86	56351.54	56360.25391	56050.62047	56063.02344	505573.4	5409921.9
L5570.1	505573.4	5409920.7	13468.40039	435.51	0	48.842234	-86.924041	56347.94	56250.9	-0.87	56347.07	56355.76563	56031.69030	56043.87891	505573.4	5409920.7
L5570.1	505573.4	5409920.7	13468.50000	436.28	0	48.842234	-86.924041	56343.68	56250.9	-0.87	56342.81	56351.48828	56017.90146	56029.87109	505573.4	5409920.7
L5570.1	505573.3	5409919.0	13468.59961	435.85	0	48.842218	-86.924041	56339.67	56250.9	-0.87	56338.80	56347.46094	56010.34079	56022.09375	505573.3	5409919.0
L5570.1	505573.3	5409917.5	13468.70020	435.11	0	48.842205	-86.924041	56335.46	56250.9	-0.87	56334.58	56343.22266	55996.25158	56007.78516	505573.3	5409917.5
L5570.1	505573.3	5409916.0	13468.79981	435.48	0	48.842192	-86.924041	56331.56	56250.9	-0.88	56330.68	56339.30859	55990.28836	56001.60938	505573.3	5409916.0
L5570.1	505573.3	5409916.0	13468.90039	435.97	0	48.842192	-86.924041	56327.37	56250.9	-0.88	56326.49	56335.10156	55975.54200	55986.65234	505573.3	5409916.0
L5570.1	505573.3	5409914.5	13469.00000	436.58	0	48.842178	-86.924042	56323.24	56250.9	-0.88	56322.36	56330.95703	55961.68401	55972.58203	505573.3	5409914.5
L5570.1	505573.3	5409912.6	13469.09961	434.83	0	48.842161	-86.924042	56319.45	56250.9	-0.88	56318.57	56327.15234	55956.44818	55967.13281	505573.3	5409912.6
L5570.1	505573.3	5409912.6	13469.20020	433.91	0	48.842161	-86.924042	56315.53	56250.9	-0.88	56314.65	56323.21875	55946.80287	55957.27734	505573.3	5409912.6
L5570.1	505573.3	5409911.4	13469.29981	434.96	0	48.842150	-86.924042	56311.60	56250.9	-0.88	56310.72	56319.27344	55936.05268	55946.32031	505573.3	5409911.4
L5570.1	505573.3	5409909.8	13469.40039	431.13	0	48.842136	-86.924042	56307.95	56250.9	-0.88	56307.07	56315.60938	55932.20958	55942.27344	505573.3	5409909.8
L5570.1	505573.3	5409909.8	13469.50000	430.85	0	48.842136	-86.924042	56304.14	56250.9	-0.88	56303.27	56311.79688	55923.35081	55933.20703	505573.3	5409909.8
L5570.1	505573.3	5409908.5	13469.59961	429.95	0	48.842124	-86.924042	56300.49	56250.9	-0.87	56299.62	56308.13281	55917.76615	55927.41797	505573.3	5409908.5
L5570.1	505573.3	5409906.7	13469.70020	430.50	0	48.842108	-86.924042	56296.70	56250.9	-0.87	56295.82	56304.32031	55907.13324	55916.58594	505573.3	5409906.7
L5570.1	505573.3	5409905.6	13469.79981	430.44	0	48.842098	-86.924042	56292.94	56250.9	-0.87	56292.07	56300.55859	55896.97407	55906.22656	505573.3	5409905.6
L5570.1	505573.3	5409904.2	13469.90039	430.13	0	48.842086	-86.924042	56289.20	56250.9	-0.87	56288.33	56296.80859	55886.16611	55895.22266	505573.3	5409904.2
L5570.1	505573.3	5409904.2	13470.00000	431.09	0	48.842086	-86.924042	56285.51	56250.9	-0.87	56284.64	56293.10938	55875.80237	55884.66406	505573.3	5409904.2
L5570.1	505573.3	5409902.9	13470.09961	427.95	0	48.842073	-86.924042	56282.00	56250.9	-0.87	56281.13	56289.58594	55869.46831	55878.13672	505573.3	5409902.9
L5570.1	505573.3	5409901.6	13470.20020	428.58	0	48.842062	-86.924043	56278.63	56250.9	-0.87	56277.76	56286.20703	55866.04300	55874.51563	505573.3	5409901.6
L5570.1	505573.3	5409901.6	13470.20020	428.58	0	48.842062	-86.924043	56275.28	56250.9	-0.87	56274.40	56282.83594	55861.91419	55870.19922	505573.3	5409901.6
L5570.1	505573.3	5409899.4	13470.40039	426.70	0	48.842042	-86.924043	56271.94	56250.9	-0.87	56271.06	56279.48828	55857.34648	55865.44922	505573.3	5409899.4
L5570.1	505573.2	5409898.3	13470.50000	429.50	0	48.842033	-86.924043	56268.57	56250.9	-0.88	56267.70	56276.11719	55851.22066	55859.13672	505573.2	5409898.3
L5570.1	505573.2	5409897.0	13470.59961	431.09	0	48.842020	-86.924043	56265.20	56250.9	-0.88	56264.33	56272.73828	55843.80249	55851.53516	505573.2	5409897.0
L5570.1	505573.2	5409897.0	13470.70020	431.96	0	48.842020	-86.924043	56261.72	56250.9	-0.88	56260.85	56269.25000	55832.31267	55839.86719	505573.2	5409897.0
L5570.1	505573.2	5409895.6	13470.79981	433.43	0	48.842008	-86.924043	56258.26	56250.9	-0.88	56257.38	56265.77344	55820.06382	55827.44141	505573.2	5409895.6
L5570.1	505573.2	5409893.7	13470.90039	433.41	0	48.841991	-86.924043	56255.22	56250.9	-0.88	56254.34	56262.72656	55818.67548	55825.87891	505573.2	5409893.7
L5570.1	505573.2	5409893.7	13471.00000	434.44	0	48.841991	-86.924043	56252.14	56250.9	-0.88	56251.26	56259.64063	55815.12569	55822.15625	505573.2	5409893.7
L5570.1	505573.2	5409892.2	13471.09961	432.46	0	48.841978	-86.924043	56249.18	56250.9	-0.88	56248.30	56256.67188	55813.83640	55820.69531	505573.2	5409892.2
L5570.1	505573.2	5409890.4	13471.20020	432.25	0	48.841962	-86.924044	56246.25	56250.9	-0.88	56245.37	56253.73438	55812.30824	55819.00000	505573.2	5409890.4
L5570.1	505573.2	5409888.9	13471.29981	433.19	0	48.841947	-86.924044	56243.15	56250.9	-0.88	56242.27	56250.62891	55804.99679	55811.52734	505573.2	5409888.9
L5570.1	505573.2	5409888.9	13471.40039	431.00	0	48.841947	-86.924044	56240.04	56250.9	-0.88	56239.16	56247.51563	55796.32588	55802.69531	505573.2	5409888.9
L5570.1	505573.2	5409887.1	13471.50000	431.04	0	48.841932	-86.924044	56237.13	56250.9	-0.88	56236.25	56244.60156	55792.10430	55798.31641	505573.2	5409887.1
L5570.1	505573.2	5409887.1	13471.59961	429.11	0	48.841932	-86.924044	56234.29	56250.9	-0.88	56233.41	56241.75391	55788.72767	55794.78125	505573.2	5409887.1
L5570.1	505573.2	5409885.7	13471.70020	427.13	0	48.841919	-86.924044	56231.69	56250.9	-0.88	56230.81	56239.15234	55790.89853	55796.79688	505573.2	5409885.7
L5570.1	505573.2	5409884.3	13471.79981	427.04	0	48.841907	-86.924044	56228.96	56250.9	-0.88	56228.08	56236.41797	55788.36865	55794.11719	505573.2	5409884.3
L5570.1	505573.2	5409884.3	13471.90039	428.90	0	48.841907	-86.924044	56226.36	56250.9	-0.88	56225.48	56233.81250	55788.33373	55793.93359	505573.2	5409884.3
L5570.1	505573.2	5409883.0	13472.00000	432.14	0	48.841895	-86.924044	56223.68	56250.9	-0.88	56222.80	56231.12891	55784.97679	55790.43359	505573.2	5409883.0
L5570.1	505573.1	5409881.8	13472.09961	432.71	0	48.841884	-86.924044	56221.07	56250.9	-0.88	56220.19	56228.51563	55782.44909	55787.76172	505573.1	5409881.8
L5570.1	505573.1	5409880.2	13472.20020	430.90	0	48.841869	-86.924044	56218.50	56250.9	-0.88	56217.62	56225.94531	55779.91868	55785.08984	505573.1	5409880.2
L5570.1	505573.1	5409880.2	13472.20020	430.90	0	48.841869	-86.924044	56215.89	56250.9	-0.88	56215.01	56223.33203	55775.16983	55780.20703	505573.1	5409880.2
L5570.1	505573.1	5409878.6	13472.40039	429.87	0	48.841855	-86.924045	56213.40	56250.9	-0.88	56212.52	56220.83984	55772.63244	55777.53516	505573.1	5409878.6
L5570.1	505573.1	5409877.5	13472.50000	430.47	0	48.841845	-86.924045	56210.74	56250.9	-0.88	56209.86	56218.17969	55764.27753	55769.05078	505573.1	5409877.5
L5570.1	505573.1	5409877.5	13472.59961	431.91	0	48.841845	-86.924045	56208.77	56250.9	-0.88	56207.89	56216.20703	55773.91758	55778.55859	505573.1	5409877.5
L5570.1	505573.1	5409875.6	13472.70020	429.86	0	48.841828	-86.924045	56206.40	56250.9	-0.88	56205.52	56213.83594	55771.37452	55775.89063	505573.1	5409875.6
L5570.1	505573.1	5409875.6	13472.79981	429.49	0	48.841828	-86.924045	56204.32	56250.9	-0.88	56203.44	56211.75391	55775.75507	55780.14844	505573.1	5409875.6
L5570.1	505573.1	5409873.9	13472.90039	428.49	0	48.841813	-86.924045	56202.11	56250.9	-0.88	56201.23	56209.54297	55775.43304	55779.70703	505573.1	5409873.9
L5570.1	505573.1	5409871.8	13473.00000	428.75	0	48.841794	-86.924045	56199.87	56250.9	-0.88	56198.99	56207.30469	55773.18043	55777.33984	505573.1	5409871.8
L5570.1	505573.1	5409870.6	13473.09961	429.10	0	48.841783	-86.924045	56197.67	56250.9	-0.88	56196.79	56205.10156	55770.93912	55774.98047	505573.1	5409870.6
L5570.1	505573.1	5409869.2	13473.20020	427.96	0	48.841771	-86.924045	56195.41	56250.9	-0.88	56194.53	56202.84375	55765.94457	55769.87500	505573.1	5409869.2
L5570.1	505573.1	5409869.2	13473.29981	429.87	0	48.841771	-86.924045	56193.43	56250.9	-0.88	56192.55	56200.86328	55767.61537	55771.43750	505573.1	5409869.2
L5570.1	505573.1	5409867.1	13473.40039	431.51	0	48.841752	-86.924045	56191.22	56250.9	-0.88	56190.34	56198.65625	55761.83596	55765.55078	505573.1	5409867.1
L5570.1	505573.1	5409867.1	13473.50000	432.83	0	48.841752	-86.924045	56189.52	56250.9	-0.88	56188.64	56196.95703	55769.10099	55772.71484	505573.1	5409867.1
L5570.1	505573.1	5409867.1	13473.59961	432.11	0	48.841752	-86.924045	56187.43	56250.9	-0.88	56186.55	56194.86719	55764.49759	55768.01172	505573.1	5409867.1
L5570.1	505573.1	5409863.9	13473.70020	430.92	0	48.841723	-86.924045	56185.70	56250.9	-0.88	56184.82	56193.14063	55768.79815	55772.21094	505573.1	5409863.9
L5570.1	505573.1	5409863.9	13473.79981	431.22	0	48.841723	-86.924045	56183.54	56250.9	-0.88	56182.66	56190.98047	55760.13632	55763.45703	505573.1	5409863.9
L5570.1	505573.1	5409862.3	13473.90039	429.47	0	48.841708	-86.924045	56181.81	56250.9	-0.88	56180.93	56189.25391	55762.33098	55765.56250	505573.1	5409862.3
L5570.1	505573.1	5409860.7	13474.00000	428.24	0	48.841694	-86.924045	56180.02	56250.9	-0.88	56179.14	56187.46875	55761.82289	55764.96484	505573.1	5409860.7
L5570.1	505573.1	5409860.7	13474.09961	428.83	0	48.841694	-86.924045	56178.17	56250.9	-0.88	56177.29	56185.62109	55758.62019	55761.67578	505573.1	5409860.7
L5570.1	505573.1	5409859.1	13474.20020	429.75	0	48.841679	-86.924045	56176.57	56250.9	-0.88	56175.69	56184.02344	55761.31459	55764.28516	505573.1	5409859.1
L5570.1	505573.2	5409857.7	13474.20020	429.75	0	48.841667	-86.924045	56174.86	56250.9	-0.88	56173.97	56182.30859	55759.67046	55762.56250	505573.2	5409857.7
L5570.1	505573.2	5409857.7	13474.40039	430.68	0	48.841667	-86.924045	56173.31	56250.9	-0.88	56172.43	56180.77344	55762.00326	55764.81641	505573.2	5409857.7
L5570.1	505573.2	5409856.3	13474.50000	430.09	0	48.841654	-86.924044	56171.52	56250.9	-0.89	56170.63	56178.97656	55756.13984	55758.88281	505573.2	5409856.3
L5570.1	505573.2	5409854.9	13474.59961	431.00	0	48.841642	-86.924044	56170.14	56250.9	-0.89	56169.26	56177.61328	55761.19449	55763.86328	505573.2	5409854.9
L5570.1	505573.2	5409854.9	13474.70020	434.10	0	48.841642	-86.924044	56168.21	56250.9	-0.89	56167.32	56175.67578	55749.48944	55752.08984	505573.2	5409854.9
L5570.1	505573.2	5409853.2	13474.79981	433.99	0	48.841626	-86.924044	56166.95	56250.9	-0.89	56166.07	56174.43359	55755.92152	55758.45703	505573.2	5409853.2
L5570.1	505573.2	5409851.5	13474.90039	435.37	0	48.841611	-86.924044	56165.72	56250.9	-0.89	56164.83	56173.19922	55761.67354	55764.14453	505573.2	5409851.5
L5570.1	505573.2	5409850.1	13475.00000	434.37	0	48.841598	-86.924043	56164.39	56250.9	-0.89	56163.50	56171.87891	55763.98740	55766.40234	505573.2	5409850.1
L5570.1	505573.2	5409850.1	13475.09961	433.73	0	48.841598	-86.924043	56163.04	56250.9	-0.89	56162.15	56170.53516	55764.81213	55767.16797	505573.2	5409850.1
L5570.1	505573.3	5409848.3	13475.20020	434.48	0	48.841583	-86.924043	56161.62	56250.9	-0.89	56160.74	56169.13281	55763.05130	55765.35156	505573.3	5409848.3
L5570.1	505573.3	5409847.0	13475.29981	434.41	0	48.841571	-86.924043	56160.28	56250.9	-0.88	56159.40	56167.80469	55762.31554	55764.56641	505573.3	5409847.0
L5570.1	505573.3	5409845.1	13475.40039	434.24	0	48.841554	-86.924043	56158.73	56250.9	-0.88	56157.85	56166.26172	55754.86364	55757.06641	505573.3	5409845.1
L5570.1	505573.3	5409845.1	13475.50000	434.61	0	48.841554	-86.924043	56157.76	56250.9	-0.88	56156.88	56165.30469	55762.58045	55764.73828	505573.3	5409845.1
L5570.1	505573.3	5409843.5	13475.59961	433.75	0	48.841540	-86.924043	56156.50	56250.9	-0.88	56155.62	56164.05469	55761.38922	55763.50391	505573.3	5409843.5

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5570.1	505573.3	5409843.5	13475.70020	429.35	0	48.841540	-86.924043	56155.52	56250.9	-0.88	56154.65	56163.09766	55767.36057	55769.43750	505573.3	5409843.5
L5570.1	505573.3	5409840.8	13475.79981	429.32	0	48.841515	-86.924042	56154.54	56250.9	-0.87	56153.67	56162.12891	55772.19996	55774.24219	505573.3	5409840.8
L5570.1	505573.3	5409840.8	13475.90039	427.77	0	48.841515	-86.924042	56153.58	56250.9	-0.87	56152.71	56161.18359	55776.74990	55778.75781	505573.3	5409840.8
L5570.1	505573.3	5409839.8	13476.00000	427.47	0	48.841507	-86.924042	56152.39	56250.9	-0.87	56151.52	56160.00781	55774.10035	55776.07813	505573.3	5409839.8
L5570.1	505573.3	5409838.2	13476.09961	428.31	0	48.841491	-86.924042	56151.20	56250.9	-0.87	56150.33	56158.83203	55770.63147	55772.58203	505573.3	5409838.2
L5570.1	505573.3	5409836.8	13476.20020	425.71	0	48.841479	-86.924042	56150.25	56250.9	-0.87	56149.37	56157.88672	55772.72341	55774.64844	505573.3	5409836.8
L5570.1	505573.3	5409836.8	13476.20020	425.71	0	48.841479	-86.924042	56148.87	56250.9	-0.87	56147.99	56156.52344	55762.39114	55764.29688	505573.3	5409836.8
L5570.1	505573.3	5409835.4	13476.40039	428.36	0	48.841466	-86.924042	56148.15	56250.9	-0.87	56147.28	56155.83203	55769.82631	55771.71484	505573.3	5409835.4
L5570.1	505573.4	5409833.7	13476.50000	428.35	0	48.841451	-86.924042	56147.33	56250.9	-0.88	56146.45	56155.02344	55773.16758	55775.03906	505573.4	5409833.7
L5570.1	505573.4	5409833.7	13476.59961	428.36	0	48.841451	-86.924042	56146.58	56250.9	-0.88	56145.70	56154.29297	55777.96447	55779.82031	505573.4	5409833.7
L5570.1	505573.4	5409832.3	13476.70020	429.58	0	48.841439	-86.924042	56145.74	56250.9	-0.88	56144.86	56153.47266	55779.52201	55781.36719	505573.4	5409832.3
L5570.1	505573.4	5409830.5	13476.79981	431.73	0	48.841422	-86.924042	56144.82	56250.9	-0.88	56143.95	56152.58203	55778.40584	55780.24609	505573.4	5409830.5
L5570.1	505573.4	5409830.5	13476.90039	432.01	0	48.841422	-86.924042	56143.97	56250.9	-0.88	56143.09	56151.74609	55777.95036	55779.78516	505573.4	5409830.5
L5570.1	505573.4	5409828.7	13477.00000	431.00	0	48.841406	-86.924042	56143.01	56250.9	-0.88	56142.13	56150.80859	55774.01419	55775.84766	505573.4	5409828.7
L5570.1	505573.4	5409827.3	13477.09961	430.10	0	48.841394	-86.924042	56142.50	56250.9	-0.88	56141.62	56150.32422	55781.83733	55783.67188	505573.4	5409827.3
L5570.1	505573.4	5409827.3	13477.20020	428.55	0	48.841394	-86.924042	56141.94	56250.9	-0.88	56141.06	56149.78906	55787.58755	55789.42578	505573.4	5409827.3
L5570.1	505573.4	5409825.8	13477.29981	430.18	0	48.841380	-86.924042	56141.37	56250.9	-0.88	56140.49	56149.24219	55792.38395	55794.23047	505573.4	5409825.8
L5570.1	505573.4	5409824.1	13477.40039	431.03	0	48.841365	-86.924041	56140.90	56250.9	-0.88	56140.02	56148.80078	55799.28366	55801.14063	505573.4	5409824.1
L5570.1	505573.4	5409824.1	13477.50000	430.34	0	48.841365	-86.924041	56140.02	56250.9	-0.88	56139.15	56147.95703	55794.45422	55796.32031	505573.4	5409824.1
L5570.1	505573.4	5409822.2	13477.59961	430.24	0	48.841348	-86.924041	56139.32	56250.9	-0.87	56138.45	56147.28125	55793.68895	55795.57031	505573.4	5409822.2
L5570.1	505573.5	5409820.6	13477.70020	427.95	0	48.841334	-86.924041	56138.45	56250.9	-0.87	56137.57	56146.42969	55787.30836	55789.20313	505573.5	5409820.6
L5570.1	505573.5	5409818.8	13477.79981	428.75	0	48.841318	-86.924041	56138.06	56250.9	-0.87	56137.18	56146.06641	55793.87436	55795.78906	505573.5	5409818.8
L5570.1	505573.5	5409818.8	13477.90039	429.95	0	48.841318	-86.924041	56137.29	56250.9	-0.87	56136.42	56145.33594	55789.58647	55791.52344	505573.5	5409818.8
L5570.1	505573.5	5409817.7	13478.00000	429.24	0	48.841307	-86.924041	56136.96	56250.9	-0.87	56136.09	56145.03516	55796.60583	55798.56641	505573.5	5409817.7
L5570.1	505573.5	5409816.1	13478.09961	429.76	0	48.841293	-86.924040	56136.73	56250.9	-0.87	56135.86	56144.83203	55805.80625	55807.79297	505573.5	5409816.1
L5570.1	505573.5	5409816.1	13478.20020	429.99	0	48.841293	-86.924040	56136.45	56250.9	-0.87	56135.58	56144.58203	55813.04527	55815.05859	505573.5	5409816.1
L5570.1	505573.5	5409814.9	13478.20020	429.99	0	48.841282	-86.924040	56135.73	56250.9	-0.87	56134.86	56143.88672	55807.53525	55809.57813	505573.5	5409814.9
L5570.1	505573.5	5409813.0	13478.40039	433.18	0	48.841265	-86.924040	56135.14	56250.9	-0.87	56134.27	56143.32422	55805.06867	55807.14453	505573.5	5409813.0
L5570.1	505573.5	5409813.0	13478.50000	432.55	0	48.841265	-86.924040	56134.71	56250.9	-0.87	56133.84	56142.92188	55806.48655	55808.59766	505573.5	5409813.0
L5570.1	505573.5	5409811.3	13478.59961	432.23	0	48.841250	-86.924040	56134.38	56250.9	-0.87	56133.50	56142.60938	55809.86100	55812.00391	505573.5	5409811.3
L5570.1	505573.6	5409808.6	13478.70020	431.51	0	48.841226	-86.924040	56134.14	56250.9	-0.87	56133.27	56142.40625	55815.75592	55817.93750	505573.6	5409808.6
L5570.1	505573.6	5409808.6	13478.79981	429.42	0	48.841226	-86.924040	56133.90	56250.9	-0.87	56133.03	56142.19141	55820.85885	55823.07813	505573.6	5409808.6
L5570.1	505573.6	5409806.7	13478.90039	428.31	0	48.841209	-86.924039	56133.65	56250.9	-0.87	56132.78	56141.96484	55825.17974	55827.44141	505573.6	5409806.7
L5570.1	505573.6	5409806.7	13479.00000	427.95	0	48.841209	-86.924039	56133.24	56250.9	-0.87	56132.37	56141.57422	55824.57527	55826.87891	505573.6	5409806.7
L5570.1	505573.6	5409805.1	13479.09961	431.84	0	48.841194	-86.924039	56132.94	56250.9	-0.87	56132.07	56141.29688	55826.53091	55828.87500	505573.6	5409805.1
L5570.1	505573.6	5409803.6	13479.20020	430.23	0	48.841181	-86.924039	56132.63	56250.9	-0.87	56131.76	56141.00391	55827.73379	55830.12109	505573.6	5409803.6
L5570.1	505573.6	5409803.6	13479.29981	429.03	0	48.841181	-86.924039	56132.16	56250.9	-0.87	56131.29	56140.55078	55824.04032	55826.47266	505573.6	5409803.6
L5570.1	505573.6	5409801.9	13479.40039	431.25	0	48.841165	-86.924039	56131.98	56250.9	-0.87	56131.11	56140.38672	55827.91949	55830.39844	505573.6	5409801.9
L5570.1	505573.7	5409800.6	13479.50000	430.30	0	48.841153	-86.924038	56131.83	56250.9	-0.87	56130.96	56140.25000	55832.18190	55834.71094	505573.7	5409800.6
L5570.1	505573.7	5409799.3	13479.59961	431.61	0	48.841142	-86.924038	56131.95	56250.9	-0.86	56131.09	56140.39063	55843.75881	55846.33594	505573.7	5409799.3
L5570.1	505573.7	5409797.8	13479.70020	431.52	0	48.841128	-86.924038	56131.55	56250.9	-0.86	56130.68	56139.98828	55839.95553	55842.57813	505573.7	5409797.8
L5570.1	505573.7	5409797.8	13479.79981	430.83	0	48.841128	-86.924038	56131.35	56250.9	-0.86	56130.49	56139.80469	55841.82395	55844.49609	505573.7	5409797.8
L5570.1	505573.7	5409796.0	13479.90039	432.49	0	48.841112	-86.924038	56131.02	56250.9	-0.86	56130.16	56139.47266	55839.40558	55842.12891	505573.7	5409796.0
L5570.1	505573.7	5409796.0	13480.00000	431.04	0	48.841112	-86.924038	56130.96	56250.9	-0.86	56130.10	56139.41406	55844.06148	55846.83594	505573.7	5409796.0
L5570.1	505573.7	5409794.4	13480.09961	433.91	0	48.841098	-86.924037	56130.82	56250.9	-0.86	56129.96	56139.26563	55846.10992	55848.93359	505573.7	5409794.4
L5570.1	505573.8	5409793.1	13480.20020	432.34	0	48.841086	-86.924037	56130.89	56250.9	-0.86	56130.03	56139.32813	55853.58931	55856.46094	505573.8	5409793.1
L5570.1	505573.8	5409793.1	13480.20020	432.34	0	48.841086	-86.924037	56131.00	56250.9	-0.86	56130.14	56139.42188	55861.80163	55864.72266	505573.8	5409793.1
L5570.1	505573.8	5409791.4	13480.40039	434.51	0	48.841071	-86.924037	56130.69	56250.9	-0.85	56129.84	56139.10547	55858.29621	55861.26953	505573.8	5409791.4
L5570.1	505573.8	5409789.7	13480.50000	430.71	0	48.841056	-86.924037	56130.58	56250.8	-0.85	56129.73	56138.96875	55859.69453	55862.71875	505573.8	5409789.7
L5570.1	505573.8	5409788.2	13480.59961	429.75	0	48.841042	-86.924037	56130.32	56250.8	-0.85	56129.47	56138.68359	55856.59149	55859.66406	505573.8	5409788.2
L5570.1	505573.8	5409788.2	13480.70020	430.77	0	48.841042	-86.924037	56130.38	56250.8	-0.85	56129.53	56138.70703	55862.00908	55865.12891	505573.8	5409788.2
L5570.1	505573.8	5409787.0	13480.79981	430.12	0	48.841031	-86.924037	56130.36	56250.8	-0.84	56129.51	56138.64844	55864.88086	55868.04688	505573.8	5409787.0
L5570.1	505573.8	5409785.6	13480.90039	432.93	0	48.841019	-86.924037	56130.39	56250.8	-0.84	56129.55	56138.64453	55869.09177	55872.30859	505573.8	5409785.6
L5570.1	505573.8	5409785.6	13481.00000	430.73	0	48.841019	-86.924037	56130.41	56250.8	-0.84	56129.57	56138.60938	55872.43540	55875.69531	505573.8	5409785.6
L5570.1	505573.8	5409784.1	13481.09961	432.06	0	48.841005	-86.924037	56130.36	56250.8	-0.84	56129.52	56138.50391	55873.53596	55876.83984	505573.8	5409784.1
L5570.1	505573.8	5409782.3	13481.20020	432.49	0	48.840989	-86.924037	56130.54	56250.8	-0.84	56129.69	56138.60547	55880.43143	55883.78125	505573.8	5409782.3
L5570.1	505573.8	5409782.3	13481.29981	432.14	0	48.840989	-86.924037	56130.54	56250.8	-0.84	56129.69	56138.53516	55882.33212	55885.72266	505573.8	5409782.3
L5570.1	505573.8	5409780.5	13481.40039	433.79	0	48.840972	-86.924037	56130.59	56250.8	-0.84	56129.75	56138.51563	55885.61470	55889.04688	505573.8	5409780.5
L5570.1	505573.8	5409779.0	13481.50000	430.64	0	48.840959	-86.924037	56130.25	56250.8	-0.85	56129.41	56138.08594	55877.55128	55881.01953	505573.8	5409779.0
L5570.1	505573.8	5409777.7	13481.59961	431.46	0	48.840947	-86.924037	56130.16	56250.8	-0.85	56129.31	56137.89063	55875.87045	55879.37500	505573.8	5409777.7
L5570.1	505573.8	5409776.4	13481.70020	430.98	0	48.840936	-86.924037	56130.19	56250.8	-0.85	56129.34	56137.81641	55877.53495	55881.07422	505573.8	5409776.4
L5570.1	505573.8	5409776.4	13481.79981	431.20	0	48.840936	-86.924037	56130.54	56250.8	-0.85	56129.69	56138.05469	55887.81385	55891.38281	505573.8	5409776.4
L5570.1	505573.8	5409775.0	13481.90039	432.01	0	48.840923	-86.924037	56130.62	56250.8	-0.85	56129.77	56138.01172	55890.37969	55893.98047	505573.8	5409775.0
L5570.1	505573.8	5409773.2	13482.00000	431.57	0	48.840907	-86.924037	56130.56	56250.8	-0.85	56129.71	56137.82031	55888.84019	55892.46484	505573.8	5409773.2
L5570.1	505573.8	5409773.2	13482.09961	431.96	0	48.840907	-86.924037	56130.69	56250.8	-0.85	56129.84	56137.81250	55892.34058	55895.98828	505573.8	5409773.2
L5570.1	505573.8	5409771.2	13482.20020	430.83	0	48.840889	-86.924037	56130.69	56250.8	-0.85	56129.84	56137.66016	55892.02899	55895.69531	505573.8	5409771.2
L5570.1	505573.8	5409769.7	13482.20020	430.83	0	48.840876	-86.924036	56130.77	56250.8	-0.85	56129.92	56137.57813	55893.72803	55897.41406	505573.8	5409769.7
L5570.1	505573.9	5409768.6	13482.40039	431.48	0	48.840866	-86.924036	56130.79	56250.8	-0.84	56129.94	56137.42578	55893.56955	55897.26563	505573.9	5409768.6
L5570.1	505573.9	5409768.6	13482.50000	430.73	0	48.840866	-86.924036	56130.91	56250.8	-0.84	56130.07	56137.37500	55896.26853	55899.97656	505573.9	5409768.6
L5570.1	505573.9	5409767.2	13482.59961	431.22	0	48.840853	-86.924036	56131.37	56250.8	-0.84	56130.53	56137.64063	55907.92432	55911.63672	505573.9	5409767.2
L5570.1	505573.9	5409765.5	13482.70020	430.48	0	48.840837	-86.924036	56131.42	56250.8	-0.84	56130.59	56137.49609	55908.33280	55912.04297	505573.9	5409765.5
L5570.1	505573.9	5409765.5	13482.79981	431.53	0	48.840837	-86.924036	56131.55	56250.8	-0.83	56130.71	56137.39844	55910.23823	55913.94531	505573.9	5409765.5
L5570.1	505573.9	5409763.8	13482.90039	430.39	0	48.840822	-86.924036	56131.47	56250.8	-0.83	56130.64	56137.09766	55906.72649	55910.42578	505573.9	5409763.8
L5570.1	505573.9	5409762.5	13483.00000	429.07	0	48.840811	-86.924036	56131.65	56250.8	-0.83	56130.82	56137.03516	55909.98793	55913.67188	505573.9	5409762.5
L5570.1	505573.9	5409760.8	13483.09961	428.72	0	48.840796	-86.924036	56131.68	56250.8	-0.83	56130.85	56136.81250	55908.95510	55912.61719	505573.9	5409760.8
L5570.1	505573.9	5409760.8	13483.20020	429.79	0	48.840796	-86.924036	56131.81	56250.8	-0.83	56130.97	56136.66406	55910.28062	55913.91797	505573.9	5409760.8
L5570.1	505573.9	5409759.4	13483.29981	429.40	0	48.840783	-86.924036	56132.01	56250.8	-0.83	56131.18	56136.59375	55913.97196	55917.57422	505573.9	5409759.4
L5570.1	505573.9	5409758.3	13483.40039	430.36	0	48.840773	-86.924035	56132.25	56250.8	-0.83	56131.42	56136.53906	55918.37522	55921.94141	505573.9	5409758.3
L5570.1	505574.0	5409757.0	13483.50000	430.08	0	48.840761	-86.924035	56132.62	56250.8	-0.83	56131.79	56136.60156	55926.26641	55929.78516	505574.0	5409757.0
L5570.1	505574.0	5409757.0	13483.59961	430.36	0	48.840761	-86.924035	56132.72	56250.8	-0.83	56131.89	56136.37891	55926.57755	55930.04297	505574.0	5409757.0
L5570.1	505574.0	5409755.3	13483.70020	429.13	0	48.840746	-86.924035	56132.78	56250.8	-0.83	56131.95	56136.10156	55925.68383	55929.08984	505574.0	5409755.3
L5570.1	505574.0	5409753.9	13483.79981	428.60	0	48.840734	-86.924035	56132.82	56250.8	-0.83	56131.99	56135.79297	55924.14588	55927.48438	505574.0	5409753.9
L5570.1	505574.0	5409752.2	13483.90039	429.76	0	48.840718	-86.924034	56133.09	56250.8	-0.83	56132.26	56135.69531	55928.89235	55932.15234	505574.0	5409752.2
L5570.1	505574.0	5409752.2	13484.00000	428.36	0	48.840718	-86.924034	56133.32	56250.8	-0.83	56132.49	56135.54688	55932.45414	55935.62891	505574.0	5409752.2
L5570.1	505574.0	5409750.5	13484.09961	429.23	0	48.840703	-86.924034	56133.61	56250.8	-0.83	56132.77	56135.42969	55937.32955	55940.41016	505574.0	5409750.5
L5570.1	505574.0	5409749.3	13484.20020	427.47	0	48.840692	-86.924034	56134.00	56250.8	-0.83	56133.17	56135.41797	55945.46300	55948.44141	505574.0	5409749.3
L5570.1	505574.0	5409749.3	13484.20020	427.47	0	48.840692	-86.924034	56134.11	56250.8	-0.83	56133.27	56135.08984	55945.23171	55948.09375	505574.0	5409749.3
L5570.1	505574.1	5409747.4	13484.40039	427.91	0	48.840675	-86.924034	56134.11	56250.8	-0.84	56133.27	56134.64844	55942.17914	55944.91797	505574.1	5409747.4
L5570.1	505574.1	5409745.9	13484.50000	428.68	0	48.840662	-86.924034	56134.08	56250.8	-0.84	56133.24	56134.16016	55938.24917	55940.85547	505574.1	5409745.9
L5570.1	505574.1	5409744.5	13484.59961	429.96	0	48.840649	-86.924033	56134.43	56250.8	-0.84	56133.59	56134.03516	55944.79931	55947.25781	505574.1	5409744.5
L5570.1	505574.1	5409744.5	13484.70020	429.10	0	48.840649	-86.924033	56134.71	56250.8	-0.84	56133.87	56133.82422	55949.37542	55951.67578	505574.1	5409744.5
L5570.1	505574.1	5409742.5	13484.79981	428.93	0	48.840631	-86.924033	56134.89	56250.8	-0.85	56134.04	56133.48438	55950.87513	55953.00781	505574.1	5409742.5
L5570.1	505574.2	5409741.4	13484.90039	430.18	0	48.840621	-86.924033	56135.08	56250.8	-0.85	56134.23	56133.15234	55952.90278	55954.85547	505574.2	5409741.4

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5570.1	505574.2	5409741.4	13485.00000	428.94	0	48.840621	-86.924033	56135.45	56250.8	-0.85	56134.60	56132.98047	55959.89312	55961.65234	505574.2	5409741.4
L5570.1	505574.2	5409739.3	13485.09961	428.38	0	48.840602	-86.924032	56135.75	56250.8	-0.85	56134.90	56132.72266	55964.92873	55966.48047	505574.2	5409739.3
L5570.1	505574.2	5409737.7	13485.20020	426.56	0	48.840587	-86.924032	56135.95	56250.8	-0.85	56135.10	56132.34766	55967.18324	55968.51172	505574.2	5409737.7
L5570.1	505574.2	5409737.7	13485.29981	427.52	0	48.840587	-86.924032	56136.05	56250.8	-0.85	56135.20	56131.85156	55966.66072	55967.75391	505574.2	5409737.7
L5570.1	505574.2	5409735.9	13485.40039	428.01	0	48.840572	-86.924031	56136.34	56250.8	-0.85	56135.49	56131.53516	55971.39444	55972.23828	505574.2	5409735.9
L5570.1	505574.3	5409734.5	13485.50000	427.87	0	48.840559	-86.924031	56136.58	56250.8	-0.85	56135.73	56131.14844	55974.74294	55975.32422	505574.3	5409734.5
L5570.1	505574.3	5409734.5	13485.59961	431.30	0	48.840559	-86.924031	56136.96	56250.8	-0.85	56136.11	56130.88281	55981.97025	55982.26953	505574.3	5409734.5
L5570.1	505574.3	5409733.1	13485.70020	430.13	0	48.840547	-86.924031	56136.98	56250.8	-0.85	56136.13	56130.24219	55979.23561	55979.23828	505574.3	5409733.1
L5570.1	505574.3	5409731.5	13485.79981	429.85	0	48.840532	-86.924031	56137.26	56250.8	-0.85	56136.41	56129.84375	55983.70834	55983.39844	505574.3	5409731.5
L5570.1	505574.3	5409731.5	13485.90039	434.62	0	48.840532	-86.924031	56137.37	56250.8	-0.85	56136.52	56129.25781	55983.48535	55982.84766	505574.3	5409731.5
L5570.1	505574.3	5409729.4	13486.00000	432.72	0	48.840513	-86.924031	56137.65	56250.8	-0.85	56136.80	56128.82422	55987.98289	55987.00000	505574.3	5409729.4
L5570.1	505574.3	5409728.1	13486.09961	432.68	0	48.840502	-86.924031	56137.99	56250.9	-0.85	56137.14	56128.43359	55994.15750	55992.80859	505574.3	5409728.1
L5570.1	505574.3	5409728.1	13486.20020	429.82	0	48.840502	-86.924031	56138.33	56250.9	-0.86	56137.48	56128.02734	56000.34987	55998.61719	505574.3	5409728.1
L5570.1	505574.3	5409726.1	13486.20020	429.82	0	48.840483	-86.924031	56138.56	56250.9	-0.86	56137.70	56127.48047	56003.23918	56001.10156	505574.3	5409726.1
L5570.1	505574.3	5409725.1	13486.40039	430.29	0	48.840474	-86.924031	56138.81	56250.9	-0.86	56137.94	56126.93750	56006.70321	56004.14453	505574.3	5409725.1
L5570.1	505574.3	5409725.1	13486.50000	432.16	0	48.840474	-86.924031	56138.96	56250.9	-0.86	56138.09	56126.28906	56007.69759	56004.69531	505574.3	5409725.1
L5570.1	505574.3	5409723.2	13486.59961	431.68	0	48.840457	-86.924031	56139.04	56250.9	-0.87	56138.18	56125.56250	56007.05399	56003.58984	505574.3	5409723.2
L5570.1	505574.3	5409722.1	13486.70020	432.28	0	48.840447	-86.924031	56139.11	56250.9	-0.87	56138.24	56124.78906	56005.60390	56001.65625	505574.3	5409722.1
L5570.1	505574.3	5409720.5	13486.79981	434.62	0	48.840433	-86.924031	56139.23	56250.9	-0.87	56138.36	56124.05859	56005.83983	56001.38281	505574.3	5409720.5
L5570.1	505574.3	5409720.5	13486.90039	433.28	0	48.840433	-86.924031	56139.52	56250.9	-0.88	56138.65	56123.48047	56010.80789	56005.82422	505574.3	5409720.5
L5570.1	505574.3	5409718.7	13487.00000	433.15	0	48.840417	-86.924031	56139.84	56250.9	-0.88	56138.96	56122.91016	56016.35513	56010.82031	505574.3	5409718.7
L5570.1	505574.3	5409717.0	13487.09961	433.90	0	48.840401	-86.924031	56140.02	56250.9	-0.88	56139.15	56122.19922	56018.60535	56012.49609	505574.3	5409717.0
L5570.1	505574.3	5409717.0	13487.20020	433.25	0	48.840401	-86.924031	56140.43	56250.9	-0.88	56139.55	56121.68359	56026.69536	56019.98438	505574.3	5409717.0
L5570.1	505574.3	5409715.4	13487.29981	433.10	0	48.840387	-86.924031	56140.37	56250.9	-0.87	56139.49	56120.69141	56022.07410	56014.73828	505574.3	5409715.4
L5570.1	505574.3	5409714.2	13487.40039	431.96	0	48.840376	-86.924032	56140.68	56250.9	-0.87	56139.81	56120.06250	56027.99884	56020.01563	505574.3	5409714.2
L5570.1	505574.3	5409714.2	13487.50000	430.22	0	48.840376	-86.924032	56140.71	56250.9	-0.87	56139.84	56119.12891	56025.91819	56017.26172	505574.3	5409714.2
L5570.1	505574.3	5409712.7	13487.59961	430.87	0	48.840363	-86.924032	56141.06	56250.9	-0.87	56140.20	56118.50781	56032.99785	56023.63672	505574.3	5409712.7
L5570.1	505574.3	5409711.4	13487.70020	433.00	0	48.840351	-86.924032	56141.08	56250.9	-0.87	56140.21	56117.52344	56030.40931	56020.32031	505574.3	5409711.4
L5570.1	505574.3	5409710.1	13487.79981	430.48	0	48.840339	-86.924032	56141.44	56250.9	-0.86	56140.58	56116.88281	56037.80992	56026.96484	505574.3	5409710.1
L5570.1	505574.3	5409710.1	13487.90039	429.17	0	48.840339	-86.924032	56141.74	56250.9	-0.86	56140.88	56116.16016	56043.29292	56031.66406	505574.3	5409710.1
L5570.1	505574.3	5409708.3	13488.00000	429.66	0	48.840324	-86.924032	56141.82	56250.9	-0.86	56140.96	56115.20313	56042.70400	56030.26172	505574.3	5409708.3
L5570.1	505574.3	5409707.0	13488.09961	431.22	0	48.840312	-86.924032	56142.04	56250.9	-0.86	56141.18	56114.37109	56046.00959	56032.72656	505574.3	5409707.0
L5570.1	505574.2	5409705.5	13488.20020	430.27	0	48.840298	-86.924032	56142.17	56250.9	-0.86	56141.32	56113.44141	56047.11712	56032.96094	505574.2	5409705.5
L5570.1	505574.2	5409705.5	13488.20020	430.27	0	48.840298	-86.924032	56142.55	56250.9	-0.86	56141.70	56112.74219	56054.88541	56039.82422	505574.2	5409705.5
L5570.1	505574.2	5409704.0	13488.40039	431.87	0	48.840285	-86.924032	56142.52	56250.9	-0.85	56141.67	56111.62109	56051.31611	56035.32031	505574.2	5409704.0
L5570.1	505574.2	5409704.0	13488.50000	428.05	0	48.840285	-86.924032	56142.73	56250.8	-0.85	56141.88	56110.72266	56054.40495	56037.44531	505574.2	5409704.0
L5570.1	505574.2	5409701.9	13488.59961	428.12	0	48.840266	-86.924032	56142.88	56250.8	-0.85	56142.03	56109.75391	56055.84431	56037.88672	505574.2	5409701.9
L5570.1	505574.2	5409701.0	13488.70020	433.23	0	48.840258	-86.924033	56143.16	56250.8	-0.85	56142.31	56108.90625	56060.89358	56041.90234	505574.2	5409701.0
L5570.1	505574.2	5409701.0	13488.79981	431.82	0	48.840258	-86.924033	56143.32	56250.8	-0.84	56142.47	56107.92188	56062.62960	56042.57422	505574.2	5409701.0
L5570.1	505574.2	5409699.6	13488.90039	430.09	0	48.840245	-86.924033	56143.41	56250.8	-0.84	56142.57	56106.87109	56062.71244	56041.55859	505574.2	5409699.6
L5570.1	505574.1	5409698.1	13489.00000	431.99	0	48.840232	-86.924033	56143.67	56250.8	-0.84	56142.83	56105.96484	56067.23232	56044.94531	505574.1	5409698.1
L5570.1	505574.1	5409698.1	13489.09961	431.38	0	48.840232	-86.924033	56144.02	56250.8	-0.84	56143.18	56105.14063	56074.25007	56050.79297	505574.1	5409698.1
L5570.1	505574.1	5409696.8	13489.20020	432.60	0	48.840219	-86.924034	56144.20	56250.8	-0.84	56143.36	56104.13672	56076.56596	56051.90234	505574.1	5409696.8
L5570.1	505574.1	5409695.1	13489.29981	433.42	0	48.840205	-86.924035	56144.16	56250.8	-0.84	56143.32	56102.89844	56072.79483	56046.89063	505574.1	5409695.1
L5570.1	505574.1	5409695.1	13489.40039	433.42	0	48.840205	-86.924035	56144.20	56250.8	-0.84	56143.36	56101.73438	56071.24233	56044.05859	505574.1	5409695.1
L5570.1	505574.0	5409694.0	13489.50000	432.17	0	48.840194	-86.924035	56144.05	56250.8	-0.85	56143.20	56100.36328	56064.15540	56035.65625	505574.0	5409694.0
L5570.1	505574.0	5409692.7	13489.59961	430.67	0	48.840183	-86.924036	56144.16	56250.8	-0.85	56143.32	56099.26172	56064.82383	56034.97266	505574.0	5409692.7
L5570.1	505574.0	5409692.7	13489.70020	428.19	0	48.840183	-86.924036	56144.38	56250.8	-0.85	56143.53	56098.24219	56067.98680	56036.74219	505574.0	5409692.7
L5570.1	505573.9	5409691.2	13489.70020	428.19	0	48.840170	-86.924036	56144.70	56250.8	-0.85	56143.85	56097.32422	56074.19809	56041.52344	505573.9	5409691.2
L5570.1	505573.9	5409690.0	13489.79981	429.78	0	48.840158	-86.924037	56144.80	56250.8	-0.85	56143.95	56096.18359	56074.32100	56040.17578	505573.9	5409690.0
L5570.1	505573.9	5409690.0	13490.00000	429.14	0	48.840158	-86.924037	56145.16	56250.8	-0.85	56144.31	56095.29297	56081.64613	56045.99219	505573.9	5409690.0
L5570.1	505573.9	5409688.3	13490.09961	431.42	0	48.840144	-86.924037	56145.16	56250.9	-0.85	56144.30	56094.02734	56078.73090	56041.52344	505573.9	5409688.3
L5570.1	505573.8	5409687.2	13490.20020	430.47	0	48.840133	-86.924037	56145.11	56250.9	-0.85	56144.25	56092.71484	56074.71324	56035.91406	505573.8	5409687.2
L5570.1	505573.8	5409686.1	13490.20020	430.47	0	48.840124	-86.924038	56145.21	56250.9	-0.85	56144.35	56091.54688	56074.85503	56034.42578	505573.8	5409686.1
L5570.1	505573.8	5409684.8	13490.29981	430.47	0	48.840112	-86.924038	56145.28	56250.9	-0.86	56144.43	56090.35547	56074.45085	56032.34766	505573.8	5409684.8
L5570.1	505573.8	5409684.8	13490.40039	429.82	0	48.840112	-86.924038	56145.22	56250.9	-0.86	56144.36	56089.01172	56069.90304	56026.08203	505573.8	5409684.8
L5570.1	505573.8	5409683.9	13490.59961	431.88	0	48.840104	-86.924038	56145.46	56250.9	-0.86	56144.60	56087.97266	56073.95005	56028.37109	505573.8	5409683.9
L5570.1	505573.8	5409683.9	13490.70020	430.25	0	48.840104	-86.924038	56145.64	56250.9	-0.86	56144.78	56086.87109	56076.34975	56028.96875	505573.8	5409683.9
L5570.1	505573.8	5409682.6	13490.79981	430.65	0	48.840092	-86.924039	56145.79	56250.9	-0.87	56144.92	56085.72656	56077.65856	56028.43359	505573.8	5409682.6
L5570.1	505573.7	5409681.4	13490.90039	430.65	0	48.840081	-86.924039	56145.82	56250.9	-0.87	56144.95	56084.46875	56075.94129	56024.82813	505573.7	5409681.4
L5570.1	505573.7	5409681.4	13491.00000	430.53	0	48.840081	-86.924039	56145.84	56250.9	-0.87	56144.97	56083.20313	56073.97002	56020.92578	505573.7	5409681.4
L5570.1	505573.7	5409680.2	13491.09961	429.32	0	48.840070	-86.924040	56145.89	56250.9	-0.87	56145.03	56081.97266	56073.13273	56018.11719	505573.7	5409680.2
L5570.1	505573.7	5409679.2	13491.20020	429.87	0	48.840061	-86.924040	56146.04	56250.9	-0.86	56145.18	56080.83594	56074.81775	56017.78125	505573.7	5409679.2
L5570.1	505573.7	5409679.2	13491.29981	430.50	0	48.840061	-86.924040	56145.99	56250.9	-0.86	56145.14	56079.50781	56071.27675	56012.17578	505573.7	5409679.2
L5570.1	505573.6	5409677.7	13491.40039	431.54	0	48.840048	-86.924040	56146.45	56250.8	-0.85	56145.60	56078.67578	56081.61888	56020.41016	505573.6	5409677.7
L5570.1	505573.6	5409676.6	13491.50000	431.29	0	48.840038	-86.924041	56146.50	56250.8	-0.85	56145.65	56077.44141	56080.65318	56017.29297	505573.6	5409676.6
L5570.1	505573.6	5409676.6	13491.59961	432.13	0	48.840038	-86.924041	56146.32	56250.8	-0.84	56145.48	56075.98438	56073.64558	56008.08984	505573.6	5409676.6
L5570.1	505573.6	5409675.5	13491.70020	431.15	0	48.840028	-86.924041	56145.99	56250.8	-0.83	56145.16	56074.38281	56062.53977	55994.74219	505573.6	5409675.5
L5570.1	505573.6	5409674.5	13491.79981	431.37	0	48.840019	-86.924042	56146.21	56250.8	-0.83	56145.38	56073.32031	56066.44620	55996.35938	505573.6	5409674.5
L5570.1	505573.6	5409674.5	13491.90039	431.02	0	48.840019	-86.924042	56146.32	56250.8	-0.82	56145.50	56072.16406	56067.65091	55995.23047	505573.6	5409674.5
L5570.1	505573.5	5409673.4	13492.00000	431.76	0	48.840009	-86.924042	56146.58	56250.8	-0.82	56145.76	56071.14844	56072.80547	55998.00781	505573.5	5409673.4
L5570.1	505573.5	5409672.4	13492.09961	432.46	0	48.840001	-86.924043	56146.61	56250.8	-0.82	56145.78	56069.89844	56071.39536	55994.17578	505573.5	5409672.4
L5570.1	505573.5	5409672.4	13492.20020	431.06	0	48.840001	-86.924043	56146.53	56250.8	-0.82	56145.71	56068.56250	56067.58086	55987.89453	505573.5	5409672.4
L5570.1	505573.5	5409671.4	13492.20020	431.06	0	48.839991	-86.924043	56146.52	56250.8	-0.82	56145.70	56067.28906	56065.52255	55983.32422	505573.5	5409671.4
L5570.1	505573.4	5409670.5	13492.40039	430.09	0	48.839983	-86.924043	56146.50	56250.8	-0.82	56145.68	56066.01563	56063.28997	55978.53125	505573.4	5409670.5
L5570.1	505573.4	5409670.5	13492.50000	429.27	0	48.839983	-86.924043	56146.50	56250.8	-0.82	56145.68	56064.76563	56061.72171	55974.35938	505573.4	5409670.5
L5570.1	505573.4	5409669.2	13492.59961	429.49	0	48.839972	-86.924044	56146.54	56250.8	-0.83	56145.71	56063.55078	56061.10287	55971.09375	505573.4	5409669.2
L5570.1	505573.4	5409668.5	13492.70020	428.46	0	48.839965	-86.924044	56146.73	56250.8	-0.83	56145.90	56062.50000	56065.04131	55972.33984	505573.4	5409668.5
L5570.1	505573.3	5409667.7	13492.79981	430.29	0	48.839958	-86.924045	56146.68	56250.8	-0.83	56145.85	56061.21875	56062.47062	55967.02734	505573.3	5409667.7
L5570.1	505573.3	5409667.7	13492.90039	430.29	0	48.839958	-86.924045	56146.61	56250.8	-0.83	56145.78	56059.92578	56059.49100	55961.26563	505573.3	5409667.7
L5570.1	505573.3	5409666.6	13493.00000	430.02	0	48.839948	-86.924045	56146.57	56250.8	-0.83	56145.74	56058.67188	56057.49596	55956.44531	505573.3	5409666.6
L5570.1	505573.3	5409665.7	13493.09961	428.97	0	48.839940	-86.924045	56146.70	56250.8	-0.83	56145.87	56057.58984	56060.37106	55956.44922	505573.3	5409665.7
L5570.1	505573.3	5409665.7	13493.20020	429.33	0	48.839940	-86.924045	56146.70	56250.8	-0.83	56145.86	56056.37891	56059.54254	55952.70313	505573.3	5409665.7
L5570.1	505573.3	5409664.6	13493.29981	429.97	0	48.839930	-86.924046	56146.93	56250.8	-0.83	56146.10	56055.42969	56065.81823	55956.01953	505573.3	5409664.6
L5570.1	505573.3	5409664.6	13493.40039	428.14	0	48.839930	-86.924046	56146.88	56250.8	-0.83	56146.04	56054.18359	56063.97959	55951.17969	505573.3	5409664.6
L5570.1	505573.2	5409663.8	13493.50000	428.84	0	48.839923	-86.924046	56146.82	56250.8	-0.83	56145.99	56052.96094	56062.61965	55946.77344	505573.2	5409663.8
L5570.1	505573.2	5409663.0	13493.59961	428.72	0	48.839916	-86.924047	56146.61	56250.8	-0.84	56145.77	56051.57422	56056.76453	55937.83203	505573.2	5409663.0
L5570.1	505573.2	5409662.3	13493.70020	428.61	0	48.839909	-86.924047	56146.70	56250.8	-0.84	56145.87	56050.51563	56059.99122	55937.92969	505573.2	5409662.3
L5570.1	505573.1	5409661.6	13493.79981	432.44	0	48.839903	-86.924047	56146.97	56250.8	-0.84	56146.14	56049.64063	56068.15660	55942.92188	505573.1	5409661.6
L5570.1	505573.1	5409661.6	13493.90039	432.44	0	48.839903	-86.924047	56146.96	56250.8	-0.84	56146.12	56048.48438	56068.53433	55940.08594	505573.1	5409661.6
L5570.1	505573.1	5409660.7	13494.00000	431.17	0	48.839895	-86.924048	56147.07	56250.8	-0.84	56146.23	56047.46484	56072.76333	55941.05859	505573.1	5409660.7
L5570.1	505573.1	5409659.8	13494.09961	432.36	0	48.839887	-86.924049	56147.24	56250.8	-0.84	56146.40	56046.51953	56078.91550	55943.91797	505573.1	5409659.8
L5570.1	505573.1	5409659.8	13494.20020	431.01	0	48.839887	-86.924049	56147.18	56250.8	-0.84	56146.34	56045.35156	56078.97136	55940.63672	505573.1	5409659.8

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5570.1	505573.0	5409659.0	13494.20020	431.01	0	48.839880	-86.924049	56147.06	56250.8	-0.84	56146.22	56044.13281	56077.64775	55935.93750	505573.0	5409659.0
L5570.1	505573.0	5409658.2	13494.40039	430.66	0	48.839873	-86.924050	56146.96	56250.8	-0.84	56146.12	56042.94531	56077.16952	55932.04688	505573.0	5409658.2
L5570.1	505573.0	5409658.2	13494.50000	431.27	0	48.839873	-86.924050	56146.72	56250.8	-0.84	56145.88	56041.62891	56073.11634	55924.54297	505573.0	5409658.2
L5570.1	505572.9	5409657.5	13494.59961	431.51	0	48.839866	-86.924050	56146.83	56250.8	-0.84	56145.99	56040.67188	56079.06478	55927.00000	505572.9	5409657.5
L5570.1	505572.9	5409657.5	13494.70020	432.09	0	48.839866	-86.924050	56146.95	56250.8	-0.84	56146.11	56039.73438	56085.61042	55930.01953	505572.9	5409657.5
L5570.1	505572.9	5409656.7	13494.79981	432.14	0	48.839859	-86.924051	56147.08	56250.8	-0.84	56146.24	56038.82031	56092.76247	55933.60938	505572.9	5409656.7
L5570.1	505572.8	5409656.0	13494.90039	432.14	0	48.839853	-86.924052	56146.98	56250.8	-0.84	56146.14	56037.68359	56093.88491	55931.13281	505572.8	5409656.0
L5570.1	505572.8	5409655.2	13495.00000	433.25	0	48.839845	-86.924053	56147.13	56250.8	-0.84	56146.29	56036.80859	56102.27664	55935.89063	505572.8	5409655.2
L5570.1	505572.8	5409655.2	13495.09961	432.23	0	48.839845	-86.924053	56147.21	56250.8	-0.84	56146.37	56035.87109	56109.08613	55939.03516	505572.8	5409655.2
L5570.1	505572.7	5409654.6	13495.20020	432.14	0	48.839841	-86.924053	56147.23	56250.8	-0.84	56146.39	56034.88672	56114.59851	55940.84375	505572.7	5409654.6
L5570.1	505572.7	5409654.0	13495.29981	430.95	0	48.839835	-86.924054	56147.08	56250.8	-0.84	56146.24	56033.74219	56115.77610	55938.28516	505572.7	5409654.0
L5570.1	505572.7	5409654.0	13495.40039	431.74	0	48.839835	-86.924054	56147.02	56250.8	-0.84	56146.18	56032.69531	56119.82539	55938.57031	505572.7	5409654.0
L5570.1	505572.6	5409653.4	13495.50000	431.55	0	48.839829	-86.924055	56147.14	56250.8	-0.84	56146.30	56031.83984	56129.24558	55944.19531	505572.6	5409653.4
L5570.1	505572.6	5409652.8	13495.59961	429.93	0	48.839824	-86.924055	56147.23	56250.8	-0.84	56146.39	56030.96484	56138.22923	55949.35156	505572.6	5409652.8
L5570.1	505572.5	5409652.3	13495.70020	430.63	0	48.839819	-86.924056	56147.11	56250.8	-0.84	56146.27	56029.88672	56141.79914	55949.06641	505572.5	5409652.3
L5570.1	505572.5	5409652.3	13495.79981	429.49	0	48.839819	-86.924056	56147.18	56250.8	-0.84	56146.34	56029.01172	56151.03662	55954.41797	505572.5	5409652.3
L5570.1	505572.5	5409651.9	13495.90039	418.43	0	48.839816	-86.924056	56147.49	56250.8	-0.84	56146.65	56028.38281	56167.33186	55966.79688	505572.5	5409651.9
L5570.1	505572.4	5409651.3	13496.00000	419.47	0	48.839810	-86.924057	56147.38	56250.8	-0.84	56146.54	56027.34375	56172.41634	55967.94531	505572.4	5409651.3
L5570.1	505572.3	5409650.6	13496.09961	428.19	0	48.839804	-86.924059	56147.34	56250.8	-0.84	56146.50	56026.38281	56179.86200	55971.42578	505572.3	5409650.6
L5570.1	505572.3	5409650.6	13496.20020	430.20	0	48.839804	-86.924059	56147.10	56250.8	-0.84	56146.26	56025.23047	56182.19765	55969.77344	505572.3	5409650.6
L5570.1	505572.3	5409650.1	13496.20020	430.20	0	48.839799	-86.924059	56147.06	56250.8	-0.84	56146.22	56024.28516	56190.50244	55974.06250	505572.3	5409650.1
L5570.1	505572.3	5409650.1	13496.40039	431.19	0	48.839799	-86.924059	56147.15	56250.8	-0.84	56146.32	56023.48828	56203.11869	55982.64453	505572.3	5409650.1
L5570.1	505572.2	5409649.5	13496.50000	430.32	0	48.839795	-86.924060	56146.96	56250.8	-0.83	56146.12	56022.39844	56207.86686	55983.33594	505572.2	5409649.5
L5570.1	505572.2	5409649.0	13496.59961	429.73	0	48.839790	-86.924061	56147.05	56250.8	-0.83	56146.21	56021.60547	56221.08534	55992.47656	505572.2	5409649.0
L5570.1	505572.1	5409648.6	13496.70020	428.85	0	48.839786	-86.924062	56147.11	56250.8	-0.83	56146.28	56020.80078	56234.19304	56001.48828	505572.1	5409648.6
L5570.1	505572.1	5409648.6	13496.79981	429.46	0	48.839786	-86.924062	56147.28	56250.8	-0.83	56146.45	56020.10156	56250.51409	56013.69531	505572.1	5409648.6
L5570.1	505572.1	5409648.2	13496.90039	429.46	0	48.839783	-86.924062	56147.34	56250.8	-0.83	56146.51	56019.29688	56264.23517	56023.28125	505572.1	5409648.2
L5570.1	505572.0	5409647.8	13497.00000	427.29	0	48.839779	-86.924063	56147.50	56250.8	-0.83	56146.67	56018.60156	56281.17129	56036.07031	505572.0	5409647.8
L5570.1	505572.0	5409647.4	13497.09961	430.07	0	48.839776	-86.924064	56147.40	56250.8	-0.83	56146.57	56017.64844	56291.35496	56042.08984	505572.0	5409647.4
L5570.1	505572.0	5409647.4	13497.20020	432.83	0	48.839776	-86.924064	56147.34	56250.8	-0.83	56146.51	56016.74219	56303.09207	56049.64844	505572.0	5409647.4
L5570.1	505571.9	5409647.0	13497.29981	431.82	0	48.839772	-86.924064	56147.40	56250.8	-0.83	56146.57	56015.96094	56318.59671	56060.96094	505571.9	5409647.0
L5570.1	505571.9	5409646.6	13497.40039	432.88	0	48.839768	-86.924065	56147.44	56250.8	-0.83	56146.60	56015.15234	56333.71428	56071.87500	505571.9	5409646.6
L5570.1	505571.9	5409646.6	13497.50000	432.57	0	48.839768	-86.924065	56147.53	56250.8	-0.83	56146.70	56014.41797	56351.21161	56085.16016	505571.9	5409646.6
L5570.1	505571.8	5409646.3	13497.59961	433.15	0	48.839765	-86.924066	56147.52	56250.8	-0.84	56146.68	56013.57031	56365.82559	56095.55078	505571.8	5409646.3
L5570.1	505571.8	5409646.3	13497.70020	430.87	0	48.839765	-86.924066	56147.58	56250.8	-0.84	56146.75	56012.81250	56383.36773	56108.86328	505571.8	5409646.3
L5570.1	505571.8	5409645.9	13497.79981	429.64	0	48.839762	-86.924066	56147.28	56250.8	-0.84	56146.44	56011.67578	56390.82137	56112.07813	505571.8	5409645.9
L5570.1	505571.7	5409645.6	13497.90039	429.64	0	48.839759	-86.924067	56147.44	56250.8	-0.84	56146.60	56011.01563	56411.71725	56128.72656	505571.7	5409645.6
L5570.1	505571.7	5409645.3	13498.00000	428.28	0	48.839757	-86.924068	56147.31	56250.8	-0.84	56146.47	56010.06250	56425.00833	56137.76953	505571.7	5409645.3
L5570.1	505571.7	5409645.3	13498.09961	429.85	0	48.839757	-86.924068	56147.32	56250.8	-0.84	56146.47	56009.24219	56442.31870	56150.82813	505571.7	5409645.3
L5570.1	505571.6	5409645.1	13498.20020	429.89	0	48.839754	-86.924068	56147.40	56250.8	-0.85	56146.56	56008.51563	56462.53566	56166.79297	505571.6	5409645.1
L5570.1	505571.6	5409644.8	13498.20020	429.89	0	48.839752	-86.924069	56147.54	56250.8	-0.85	56146.69	56007.82813	56484.26918	56184.26953	505571.6	5409644.8
L5620.0	505622.2	5409680.6	17538.90039	321.65	53.48	48.840074	-86.923378	55912.95	56244.9	5.13	55918.08	56143.03516	55975.54613	56075.59766	505622.2	5409680.6
L5620.0	505622.3	5409680.4	17539.00000	322.44	54.33	48.840072	-86.923378	55913.16	56244.9	5.13	55918.29	56141.56250	55971.79440	56072.17188	505622.3	5409680.4
L5620.0	505622.3	5409680.2	17539.09961	321.60	50.88	48.840070	-86.923378	55913.28	56244.9	5.13	55918.41	56139.99609	55966.64352	56067.34766	505622.3	5409680.2
L5620.0	505622.3	5409680.2	17539.19922	321.36	50.88	48.840070	-86.923378	55913.46	56244.9	5.13	55918.58	56138.48047	55962.83323	56063.85938	505622.3	5409680.2
L5620.0	505622.3	5409679.8	17539.30078	319.31	50	48.840066	-86.923377	55913.58	56244.9	5.13	55918.71	56136.92578	55958.61086	56059.96094	505622.3	5409679.8
L5620.0	505622.3	5409679.5	17539.40039	319.97	51.04	48.840063	-86.923377	55913.81	56244.9	5.13	55918.94	56135.47266	55956.65215	56058.32031	505622.3	5409679.5
L5620.0	505622.3	5409679.1	17539.50000	320.06	51.01	48.840060	-86.923377	55913.94	56244.9	5.13	55919.06	56133.91016	55952.94028	56054.92578	505622.3	5409679.1
L5620.0	505622.3	5409679.1	17539.59961	319.27	51.01	48.840060	-86.923377	55914.12	56244.9	5.12	55919.24	56132.40625	55950.70037	56053.00391	505622.3	5409679.1
L5620.0	505622.3	5409678.8	17539.69922	319.82	51.39	48.840057	-86.923377	55914.22	56244.9	5.12	55919.34	56130.82422	55947.28674	56049.89844	505622.3	5409678.8
L5620.0	505622.3	5409678.4	17539.80078	320.39	50.39	48.840054	-86.923377	55914.37	56244.9	5.12	55919.49	56129.29297	55945.12615	56048.04688	505622.3	5409678.4
L5620.0	505622.3	5409678.0	17539.90039	320.03	47.72	48.840050	-86.923377	55914.42	56244.9	5.12	55919.54	56127.66406	55941.41765	56044.64063	505622.3	5409678.0
L5620.0	505622.3	5409677.6	17540.00000	319.45	47.72	48.840047	-86.923378	55914.59	56244.9	5.12	55919.71	56126.15234	55940.22209	56043.74219	505622.3	5409677.6
L5620.0	505622.3	5409677.2	17540.09961	318.99	46.38	48.840043	-86.923378	55914.72	56244.9	5.12	55919.84	56124.60547	55938.56587	56042.37891	505622.3	5409677.2
L5620.0	505622.3	5409677.2	17540.19922	319.33	48.31	48.840043	-86.923378	55914.80	56244.9	5.12	55919.92	56123.00781	55936.26091	56040.36328	505622.3	5409677.2
L5620.0	505622.2	5409676.8	17540.30078	319.43	49.2	48.840040	-86.923378	55914.92	56244.9	5.13	55920.05	56121.46094	55935.12787	56039.50781	505622.2	5409676.8
L5620.0	505622.2	5409676.3	17540.40039	318.63	49.2	48.840035	-86.923379	55915.05	56244.9	5.13	55920.18	56119.91797	55934.23792	56038.89453	505622.2	5409676.3
L5620.0	505622.1	5409676.0	17540.50000	318.59	50.94	48.840032	-86.923380	55915.18	56244.9	5.13	55920.31	56118.37500	55933.57958	56038.50391	505622.1	5409676.0
L5620.0	505622.1	5409675.7	17540.59961	317.26	50.94	48.840029	-86.923380	55915.25	56244.9	5.13	55920.39	56116.78516	55932.23108	56037.41406	505622.1	5409675.7
L5620.0	505622.0	5409675.2	17540.69922	316.52	47.13	48.840025	-86.923381	55915.40	56244.9	5.13	55920.54	56115.26563	55932.36912	56037.80078	505622.0	5409675.2
L5620.0	505622.0	5409675.2	17540.80078	317.81	43.27	48.840025	-86.923381	55915.50	56244.9	5.14	55920.64	56113.69922	55931.79798	56037.47266	505622.0	5409675.2
L5620.0	505622.0	5409674.8	17540.90039	318.69	43.73	48.840021	-86.923382	55915.61	56244.9	5.14	55920.75	56112.14453	55931.60171	56037.51172	505622.0	5409674.8
L5620.0	505621.9	5409674.2	17541.00000	319.54	43.73	48.840016	-86.923382	55915.73	56244.9	5.14	55920.87	56110.60156	55931.77178	56037.90625	505621.9	5409674.2
L5620.0	505621.9	5409674.2	17541.09961	320.48	45.03	48.840016	-86.923382	55915.76	56244.9	5.14	55920.90	56108.96875	55930.47876	56036.82813	505621.9	5409674.2
L5620.0	505621.9	5409673.7	17541.19922	319.25	43.87	48.840011	-86.923383	55915.96	56244.9	5.14	55921.10	56107.51172	55932.44977	56039.00391	505621.9	5409673.7
L5620.0	505621.9	5409673.2	17541.30078	319.09	44.89	48.840007	-86.923384	55916.04	56244.9	5.13	55921.17	56105.92578	55932.21524	56038.96484	505621.9	5409673.2
L5620.0	505621.8	5409672.8	17541.40039	320.82	44.89	48.840003	-86.923384	55916.14	56244.9	5.13	55921.27	56104.37109	55932.68090	56039.61328	505621.8	5409672.8
L5620.0	505621.8	5409672.3	17541.50000	322.05	44.8	48.839999	-86.923384	55916.21	56244.9	5.13	55921.35	56102.80078	55932.92954	56040.03516	505621.8	5409672.3
L5620.0	505621.8	5409672.0	17541.59961	320.96	44.14	48.839996	-86.923384	55916.32	56244.9	5.13	55921.44	56101.24219	55933.49894	56040.76563	505621.8	5409672.0
L5620.0	505621.8	5409671.6	17541.69922	321.63	44.14	48.839992	-86.923385	55916.42	56244.9	5.13	55921.54	56099.69922	55934.38098	56041.79688	505621.8	5409671.6
L5620.0	505621.8	5409671.6	17541.80078	321.03	44.2	48.839992	-86.923385	55916.46	56244.9	5.12	55921.59	56098.10547	55934.48247	56042.03906	505621.8	5409671.6
L5620.0	505621.8	5409671.0	17541.90039	320.20	44.2	48.839987	-86.923385	55916.52	56244.9	5.12	55921.64	56096.51953	55934.70468	56042.38672	505621.8	5409671.0
L5620.0	505621.7	5409670.4	17542.00000	318.55	43.63	48.839982	-86.923385	55916.54	56244.9	5.12	55921.66	56094.90625	55934.50226	56042.29688	505621.7	5409670.4
L5620.0	505621.7	5409670.1	17542.09961	318.79	43.58	48.839979	-86.923385	55916.54	56244.9	5.12	55921.66	56093.27344	55934.05448	56041.94922	505621.7	5409670.1
L5620.0	505621.7	5409669.6	17542.19922	318.58	43.58	48.839974	-86.923385	55916.57	56244.9	5.12	55921.69	56091.67578	55934.25483	56042.23438	505621.7	5409669.6
L5620.0	505621.7	5409669.0	17542.30078	318.69	43.06	48.839969	-86.923386	55916.59	56244.9	5.12	55921.72	56090.08203	55934.56024	56042.61719	505621.7	5409669.0
L5620.0	505621.7	5409668.4	17542.40039	318.27	43.23	48.839964	-86.923386	55916.62	56244.9	5.12	55921.75	56088.49609	55934.96852	56043.08594	505621.7	5409668.4
L5620.0	505621.7	5409668.4	17542.50000	318.10	43.23	48.839964	-86.923386	55916.64	56244.9	5.13	55921.77	56086.89844	55935.30152	56043.46484	505621.7	5409668.4
L5620.0	505621.7	5409667.8	17542.59961	319.34	44.43	48.839959	-86.923386	55916.59	56244.9	5.13	55921.72	56085.23828	55934.50488	56042.69922	505621.7	5409667.8
L5620.0	505621.6	5409667.2	17542.69922	320.43	46.69	48.839953	-86.923386	55916.62	56244.9	5.13	55921.75	56083.66016	55935.22231	56043.43359	505621.6	5409667.2
L5620.0	505621.6	5409666.6	17542.80078	319.63	46.69	48.839948	-86.923387	55916.62	56244.9	5.13	55921.75	56082.05859	55935.51695	56043.73438	505621.6	5409666.6
L5620.0	505621.6	5409666.0	17542.90039	318.97	45.7	48.839942	-86.923387	55916.62	56244.9	5.13	55921.75	56080.46484	55935.91713	56044.12500	505621.6	5409666.0
L5620.0	505621.6	5409666.0	17543.00000	320.43	45.7	48.839942	-86.923387	55916.57	56244.9	5.13	55921.70	56078.82031	55935.55566	56043.73828	505621.6	5409666.0
L5620.0	505621.6	5409665.3	17543.09961	319.32	45.45	48.839936	-86.923387	55916.54	56244.9	5.13	55921.67	56077.20313	55935.65504	56043.79688	505621.6	5409665.3
L5620.0	505621.6	5409664.6	17543.19922	317.46	52.64	48.839930	-86.923387	55916.49	56244.9	5.13	55921.62	56075.57031	55935.52318	56043.61328	505621.6	5409664.6
L5620.0	505621.6	5409663.9	17543.30078	316.83	52.64	48.839923	-86.923387	55916.52	56244.9	5.13	55921.65	56074.02734	55936.89524	56044.91406	505621.6	5409663.9
L5620.0	505621.6	5409663.9	17543.40039	317.29	52.81	48.839923	-86.923387	55916.44	56244.9	5.13	55921.57	56072.37500	55936.48817	56044.42188	505621.6	5409663.9
L5620.0	505621.6	5409663.2	17543.50000	318.28	55.08	48.839917	-86.923388	55916.52	56244.9	5.14	55921.65	56070.89063	55938.98398	56046.82031	505621.6	5409663.2
L5620.0	505621.5	5409662.5	17543.59961	318.53	55.08	48.839911	-86.923388	55916.36	56244.9	5.14	55921.50	56069.17969	55937.62784	56045.34766	505621.5	5409662.5
L5620.0	505621.5	5409661.8	17543.69922	318.65	54.22	48.839904	-86.923388	55916.39	56244.9	5.14	55921.53	56067.65625	55939.53986	56047.13281	505621.5	5409661.8
L5620.0	505621.5	5409661.3	17543.80078	318.97	54.22	48.839900	-86.923388	55916.21	56244.9	5.14	55921.35	56065.92969	55937.93554	56045.38281	505621.5	5409661.3
L5620.0	505621.5	5409660.7	17543.90039	317.53	56.11	48.839895	-86.923388	55916.24	56244.9	5.14	55921.38	56064.42188	55940.15652	56047.44531	505621.5	5409660.7
L5620.0	505621.5	5409660.7	17544.00000	318.81	56.11	48.839895	-86.923388	55916.09	56244.9	5.14	55921.23	56062.73828	55939.36762	56046.48047	505621.5	5409660.7

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5620.0	505621.5	5409659.8	17544.09961	318.78	56.02	48.839887	-86.923388	55915.98	56244.9	5.14	55921.12	56061.10156	55939.43178	56046.35547	505621.5	5409659.8
L5620.0	505621.5	5409659.2	17544.19922	318.19	56.02	48.839881	-86.923388	55915.86	56244.9	5.14	55920.99	56059.44922	55939.29244	56046.01172	505621.5	5409659.2
L5620.0	505621.5	5409658.6	17544.30078	318.32	57.21	48.839875	-86.923388	55915.76	56244.9	5.13	55920.89	56057.83594	55939.84877	56046.34766	505621.5	5409658.6
L5620.0	505621.5	5409657.7	17544.40039	319.31	57.21	48.839867	-86.923389	55915.53	56244.9	5.13	55920.66	56056.10156	55938.21636	56044.48047	505621.5	5409657.7
L5620.0	505621.5	5409657.7	17544.50000	318.93	46.28	48.839867	-86.923389	55915.43	56244.9	5.13	55920.56	56054.50391	55939.09747	56045.11328	505621.5	5409657.7
L5620.0	505621.5	5409656.9	17544.59961	319.39	46.4	48.839860	-86.923389	55915.28	56244.9	5.13	55920.41	56052.86328	55939.23671	56044.98828	505621.5	5409656.9
L5620.0	505621.5	5409656.1	17544.69922	319.31	46.4	48.839853	-86.923389	55915.00	56244.9	5.13	55920.12	56051.08984	55936.96304	56042.43359	505621.5	5409656.1
L5620.0	505621.5	5409655.3	17544.80078	320.34	47.03	48.839846	-86.923389	55914.88	56244.9	5.12	55920.00	56049.49219	55937.98457	56043.16406	505621.5	5409655.3
L5620.0	505621.5	5409654.5	17544.90039	320.20	47.03	48.839838	-86.923389	55914.62	56244.9	5.12	55919.74	56047.76953	55936.58321	56041.45313	505621.5	5409654.5
L5620.0	505621.5	5409654.5	17545.00000	322.98	49.44	48.839838	-86.923389	55914.44	56244.9	5.12	55919.56	56046.12891	55936.83697	56041.38672	505621.5	5409654.5
L5620.0	505621.5	5409653.6	17545.09961	321.76	59.96	48.839831	-86.923389	55914.16	56244.9	5.12	55919.28	56044.39844	55935.40393	56039.61719	505621.5	5409653.6
L5620.0	505621.5	5409652.5	17545.19922	322.11	59.96	48.839821	-86.923389	55913.94	56244.9	5.12	55919.06	56042.73828	55935.26751	56039.13281	505621.5	5409652.5
L5620.0	505621.5	5409652.5	17545.30078	322.48	59.99	48.839821	-86.923389	55913.68	56244.9	5.12	55918.81	56041.05469	55934.75643	56038.25781	505621.5	5409652.5
L5620.0	505621.5	5409650.9	17545.40039	322.14	59.99	48.839806	-86.923389	55913.43	56244.9	5.12	55918.55	56039.37109	55934.24719	56037.37109	505621.5	5409650.9
L5620.0	505621.5	5409650.9	17545.50000	321.07	54.25	48.839806	-86.923389	55913.18	56244.9	5.13	55918.31	56037.71875	55934.29817	56037.03125	505621.5	5409650.9
L5620.0	505621.4	5409649.6	17545.59961	321.25	54.25	48.839795	-86.923389	55912.85	56244.9	5.13	55917.97	56035.97266	55932.69888	56035.03125	505621.4	5409649.6
L5620.0	505621.5	5409648.7	17545.69922	320.84	57.16	48.839786	-86.923389	55912.57	56244.9	5.13	55917.70	56034.30859	55932.58711	56034.50391	505621.5	5409648.7
L5620.0	505621.4	5409647.8	17545.80078	319.58	57.16	48.839778	-86.923389	55912.22	56244.9	5.13	55917.35	56032.57031	55931.21602	56032.70313	505621.4	5409647.8
L5620.0	505621.4	5409646.8	17545.90039	319.63	59.65	48.839770	-86.923389	55911.94	56244.9	5.13	55917.07	56030.91406	55931.31816	56032.36719	505621.4	5409646.8
L5620.0	505621.4	5409646.8	17546.00000	318.78	53.47	48.839770	-86.923389	55911.51	56244.9	5.13	55916.64	56029.12109	55928.92931	56029.52344	505621.4	5409646.8
L5620.0	505621.4	5409645.5	17546.09961	317.68	53.47	48.839758	-86.923390	55911.21	56244.9	5.13	55916.34	56027.46484	55929.07626	56029.20703	505621.4	5409645.5
L5620.0	505621.4	5409644.5	17546.19922	315.91	50.62	48.839749	-86.923390	55910.88	56244.9	5.13	55916.01	56025.78906	55928.88574	56028.53906	505621.4	5409644.5
L5620.0	505621.4	5409643.6	17546.30078	315.14	50.62	48.839741	-86.923390	55910.47	56244.9	5.13	55915.61	56024.05078	55927.67115	56026.83984	505621.4	5409643.6
L5620.0	505621.4	5409643.6	17546.40039	314.70	53.24	48.839741	-86.923390	55910.09	56244.9	5.13	55915.23	56022.34766	55927.01406	56025.68359	505621.4	5409643.6
L5620.0	505621.4	5409642.6	17546.50000	316.19	53.24	48.839732	-86.923390	55909.74	56244.9	5.14	55914.87	56020.67578	55926.90098	56025.06250	505621.4	5409642.6
L5620.0	505621.4	5409641.5	17546.59961	316.49	55.1	48.839721	-86.923390	55909.31	56244.9	5.14	55914.45	56018.95313	55925.96208	56023.60547	505621.4	5409641.5
L5620.0	505621.4	5409641.5	17546.69922	317.26	56.14	48.839721	-86.923390	55908.93	56244.9	5.14	55914.06	56017.26953	55925.73098	56022.84375	505621.4	5409641.5
L5620.0	505621.4	5409640.5	17546.80078	316.80	56.14	48.839712	-86.923390	55908.45	56244.9	5.14	55913.58	56015.50781	55924.18556	56020.75781	505621.4	5409640.5
L5620.0	505621.4	5409639.5	17546.90039	316.18	52.08	48.839703	-86.923390	55908.07	56244.9	5.14	55913.21	56013.87109	55924.67316	56020.69922	505621.4	5409639.5
L5620.0	505621.4	5409638.4	17547.00000	317.66	52.08	48.839694	-86.923391	55907.56	56244.9	5.14	55912.70	56012.10156	55923.01881	56018.48438	505621.4	5409638.4
L5620.0	505621.4	5409638.4	17547.09961	317.59	55.54	48.839694	-86.923391	55907.11	56244.9	5.14	55912.25	56010.40625	55920.92177	56015.82031	505621.4	5409638.4
L5620.0	505621.3	5409637.4	17547.19922	317.05	56.41	48.839685	-86.923391	55906.68	56244.9	5.14	55911.82	56008.73828	55921.49994	56015.82422	505621.3	5409637.4
L5620.0	505621.3	5409636.4	17547.30078	316.58	56.41	48.839676	-86.923391	55906.18	56244.9	5.13	55911.31	56007.00391	55920.22749	56013.96875	505621.3	5409636.4
L5620.0	505621.3	5409635.2	17547.40039	316.99	56.19	48.839665	-86.923391	55905.69	56244.9	5.13	55910.82	56005.30469	55919.77844	56012.92578	505621.3	5409635.2
L5620.0	505621.3	5409635.2	17547.50000	316.88	62	48.839665	-86.923391	55905.21	56244.9	5.13	55910.34	56003.62500	55919.87463	56012.42578	505621.3	5409635.2
L5620.0	505621.3	5409633.9	17547.59961	317.65	62	48.839654	-86.923392	55904.66	56244.9	5.13	55909.78	56001.87500	55918.09290	56010.03516	505621.3	5409633.9
L5620.0	505621.2	5409632.4	17547.69922	319.09	63.93	48.839640	-86.923392	55904.15	56244.9	5.13	55909.28	56000.19531	55918.17589	56009.50391	505621.2	5409632.4
L5620.0	505621.2	5409632.4	17547.80078	320.53	64.03	48.839640	-86.923392	55903.57	56244.9	5.12	55908.69	55998.44141	55917.02784	56007.73438	505621.2	5409632.4
L5620.0	505621.2	5409631.5	17547.90039	320.44	64.03	48.839631	-86.923393	55903.01	56244.9	5.12	55908.13	55996.73047	55915.95897	56006.03906	505621.2	5409631.5
L5620.0	505621.1	5409630.3	17548.00000	318.80	64.31	48.839621	-86.923394	55902.40	56244.9	5.12	55907.52	55994.98047	55914.17895	56003.62109	505621.1	5409630.3
L5620.0	505621.1	5409629.2	17548.09961	318.27	64.64	48.839611	-86.923395	55901.82	56244.9	5.12	55906.94	55993.26953	55913.00864	56001.81250	505621.1	5409629.2
L5620.0	505621.0	5409628.1	17548.19922	316.88	64.65	48.839601	-86.923395	55901.22	56244.9	5.12	55906.33	55991.54297	55911.44346	55999.59766	505621.0	5409628.1
L5620.0	505621.0	5409627.0	17548.30078	317.21	64.65	48.839591	-86.923396	55900.66	56244.9	5.11	55905.77	55989.87891	55910.81330	55998.31641	505621.0	5409627.0
L5620.0	505621.0	5409627.0	17548.40039	316.22	62.95	48.839591	-86.923396	55900.00	56244.9	5.11	55905.11	55988.12500	55908.60058	55995.44531	505621.0	5409627.0
L5620.0	505620.9	5409625.5	17548.50000	316.81	62.95	48.839577	-86.923397	55899.42	56244.9	5.11	55904.53	55986.46484	55907.81486	55993.99609	505620.9	5409625.5
L5620.0	505620.9	5409624.5	17548.59961	316.56	62.95	48.839569	-86.923398	55898.82	56244.9	5.11	55903.92	55984.78516	55906.60443	55992.12109	505620.9	5409624.5
L5620.0	505620.8	5409623.4	17548.69922	316.85	60.52	48.839559	-86.923398	55898.18	56244.9	5.11	55903.29	55983.10156	55905.12807	55989.96875	505620.8	5409623.4
L5620.0	505620.8	5409623.4	17548.80078	318.75	60.52	48.839559	-86.923398	55897.57	56244.9	5.10	55902.67	55981.43359	55903.88471	55988.05078	505620.8	5409623.4
L5620.0	505620.8	5409622.2	17548.90039	317.96	52.98	48.839548	-86.923399	55896.94	56244.9	5.10	55902.04	55979.77344	55902.52890	55986.01563	505620.8	5409622.2
L5620.0	505620.8	5409620.8	17549.00000	318.97	49.94	48.839536	-86.923399	55896.36	56244.9	5.10	55901.46	55978.17188	55902.07403	55984.87500	505620.8	5409620.8
L5620.0	505620.7	5409619.7	17549.09961	318.07	49.94	48.839526	-86.923399	55895.70	56244.9	5.10	55900.80	55976.50391	55900.30001	55982.41406	505620.7	5409619.7
L5620.0	505620.7	5409618.5	17549.19922	317.26	57.87	48.839515	-86.923400	55895.14	56244.9	5.10	55900.25	55974.96094	55900.44137	55981.86328	505620.7	5409618.5
L5620.0	505620.7	5409618.5	17549.30078	316.51	57.87	48.839515	-86.923400	55894.48	56244.9	5.11	55899.59	55973.31641	55898.73002	55979.46094	505620.7	5409618.5
L5620.0	505620.7	5409617.3	17549.40039	318.22	58.18	48.839504	-86.923400	55893.81	56244.9	5.11	55898.91	55971.66406	55896.69267	55976.72656	505620.7	5409617.3
L5620.0	505620.7	5409616.2	17549.50000	319.39	58.18	48.839494	-86.923400	55893.22	56244.9	5.11	55898.33	55970.12500	55896.38884	55975.72656	505620.7	5409616.2
L5620.0	505620.7	5409615.0	17549.59961	318.36	61.41	48.839484	-86.923400	55892.62	56244.9	5.11	55897.73	55968.57813	55895.74933	55974.38672	505620.7	5409615.0
L5620.0	505620.7	5409615.0	17549.69922	318.30	62.38	48.839484	-86.923400	55891.93	56244.9	5.11	55897.04	55966.95313	55893.55115	55971.48828	505620.7	5409615.0
L5620.0	505620.7	5409613.7	17549.80078	319.88	62.38	48.839471	-86.923400	55891.27	56244.9	5.12	55896.39	55965.37891	55892.03389	55969.26953	505620.7	5409613.7
L5620.0	505620.7	5409612.5	17549.90039	319.45	62.97	48.839461	-86.923399	55890.70	56244.9	5.12	55895.81	55963.89063	55891.71727	55968.25000	505620.7	5409612.5
L5620.0	505620.8	5409611.3	17550.00000	319.30	66.51	48.839451	-86.923399	55889.98	56244.9	5.12	55895.10	55962.28125	55889.11295	55964.94141	505620.8	5409611.3
L5620.0	505620.8	5409610.2	17550.09961	319.24	66.51	48.839440	-86.923399	55889.38	56244.9	5.12	55894.50	55960.79688	55888.39447	55963.51953	505620.8	5409610.2
L5620.0	505620.8	5409610.2	17550.19922	319.23	64.52	48.839440	-86.923399	55888.72	56244.9	5.13	55893.85	55959.27344	55886.76411	55961.18359	505620.8	5409610.2
L5620.0	505620.8	5409609.0	17550.30078	318.15	59.33	48.839430	-86.923399	55888.14	56244.9	5.13	55893.27	55957.82813	55886.31483	55960.03125	505620.8	5409609.0
L5620.0	505620.8	5409607.8	17550.40039	319.08	59.94	48.839419	-86.923399	55887.48	56244.9	5.13	55892.61	55956.32031	55884.41010	55957.42578	505620.8	5409607.8
L5620.0	505620.8	5409606.7	17550.50000	319.75	61.74	48.839409	-86.923399	55886.92	56244.9	5.14	55892.06	55954.93359	55884.37899	55956.69141	505620.8	5409606.7
L5620.0	505620.8	5409605.5	17550.59961	318.67	61.74	48.839398	-86.923399	55886.26	56244.9	5.14	55891.40	55953.44531	55882.34675	55953.96094	505620.8	5409605.5
L5620.0	505620.8	5409604.5	17550.69922	318.14	60.87	48.839389	-86.923399	55885.66	56244.9	5.14	55890.80	55952.03125	55881.29662	55952.21094	505620.8	5409604.5
L5620.0	505620.8	5409604.5	17550.80078	318.94	60.87	48.839389	-86.923399	55885.03	56244.9	5.14	55890.17	55950.60156	55879.63640	55949.85547	505620.8	5409604.5
L5620.0	505620.8	5409603.5	17550.90039	318.58	61.23	48.839380	-86.923399	55884.46	56244.9	5.15	55889.61	55949.25000	55879.12348	55948.64453	505620.8	5409603.5
L5620.0	505620.8	5409602.1	17551.00000	317.97	64.3	48.839368	-86.923399	55883.84	56244.8	5.15	55888.99	55947.85156	55877.45578	55946.28516	505620.8	5409602.1
L5620.0	505620.8	5409600.5	17551.09961	318.87	64.3	48.839353	-86.923399	55883.23	56244.9	5.15	55888.38	55946.47656	55875.86093	55944.00000	505620.8	5409600.5
L5620.0	505620.8	5409600.5	17551.19922	319.49	57.62	48.839353	-86.923399	55882.62	56244.9	5.14	55887.76	55945.10156	55873.97711	55941.42969	505620.8	5409600.5
L5620.0	505620.8	5409599.3	17551.30078	319.57	64.12	48.839343	-86.923399	55882.09	56244.9	5.14	55887.23	55943.82813	55873.56672	55940.33594	505620.8	5409599.3
L5620.0	505620.8	5409598.1	17551.40039	319.25	64.12	48.839331	-86.923399	55881.54	56244.9	5.13	55886.67	55942.53516	55872.49827	55938.58594	505620.8	5409598.1
L5620.0	505620.8	5409596.7	17551.50000	320.28	64.41	48.839319	-86.923398	55881.00	56244.9	5.13	55886.13	55941.27344	55871.64944	55937.06250	505620.8	5409596.7
L5620.0	505620.8	5409596.7	17551.59961	319.25	64.41	48.839319	-86.923398	55880.42	56244.9	5.12	55885.54	55939.97266	55869.76921	55934.50781	505620.8	5409596.7
L5620.0	505620.9	5409594.9	17551.69922	319.68	66.28	48.839302	-86.923398	55879.87	56244.9	5.11	55884.98	55938.71484	55868.26974	55932.33984	505620.9	5409594.9
L5620.0	505620.9	5409594.0	17551.80078	319.01	70.01	48.839295	-86.923398	55879.34	56244.9	5.11	55884.45	55937.50000	55867.14714	55930.55078	505620.9	5409594.0
L5620.0	505620.9	5409592.6	17551.90039	316.98	70.01	48.839282	-86.923398	55878.88	56244.9	5.10	55883.98	55936.35156	55866.94052	55929.68359	505620.9	5409592.6
L5620.0	505620.9	5409592.6	17552.00000	314.08	69.68	48.839282	-86.923398	55878.35	56244.9	5.10	55883.45	55935.15625	55865.50427	55927.59375	505620.9	5409592.6
L5620.0	505620.9	5409591.4	17552.09961	314.09	68.33	48.839271	-86.923398	55877.84	56244.9	5.10	55882.95	55934.00391	55864.44701	55925.88672	505620.9	5409591.4
L5620.0	505620.9	5409590.4	17552.19922	318.49	69.92	48.839262	-86.923398	55877.36	56244.9	5.11	55882.47	55932.87891	55863.59047	55924.38281	505620.9	5409590.4
L5620.0	505620.9	5409589.2	17552.30078	320.72	69.92	48.839251	-86.923398	55876.90	56244.9	5.11	55882.01	55931.78906	55862.93537	55923.08984	505620.9	5409589.2
L5620.0	505620.9	5409587.7	17552.40039	322.01	69.68	48.839238	-86.923398	55876.40	56244.9	5.12	55881.51	55930.66406	55861.41022	55920.92969	505620.9	5409587.7
L5620.0	505620.9	5409586.7	17552.50000	321.13	68.02	48.839229	-86.923398	55875.97	56244.9	5.12	55881.09	55929.63281	55861.14973	55920.03906	505620.9	5409586.7
L5620.0	505620.9	5409585.5	17552.59961	319.65	68.02	48.839218	-86.923398	55875.52	56244.9	5.12	55880.64	55928.58203	55860.18211	55918.44922	505620.9	5409585.5
L5620.0	505620.9	5409585.5	17552.69922	317.53	67.16	48.839218	-86.923398	55875.14	56244.9	5.13	55880.27	55927.62109	55860.42958	55918.07813	505620.9	5409585.5
L5620.0	505620.9	5409584.5	17552.80078	316.15	67.16	48.839209	-86.923398	55874.68	56244.9	5.13	55879.81	55926.57813	55858.89325	55915.93359	505620.9	5409584.5
L5620.0	505620.9	5409582.9	17552.90039	318.88	67.16	48.839195	-86.923398	55874.33	56244.9	5.14	55879.46	55925.66016	55859.04794	55915.48438	505620.9	5409582.9
L5620.0	505620.9	5409582.9	17553.00000	320.84	71.92	48.839195	-86.923398	55873.92	56244.9	5.14	55879.06	55924.69922	55858.09220	55913.92969	505620.9	5409582.9
L5620.0	505620.9	5409581.5	17553.09961	322.79	71.94	48.839182	-86.923398	55873.59	56244.9	5.14	55878.73	55923.81641	55858.07991	55913.32813	505620.9	5409581.5
L5620.0	505620.9	5409580.5	17553.19922	323.49	69.35	48.839173	-86.923398	55873.19	56244.9	5.14	55878.33	55922.87500	55856.58686	55911.25000	505620.9	5409580.5
L5620.0	505620.9	5409579.3	17553.30078	321.61	69.46	48.839162	-86.923398	55872.86	56244.9	5.14	55878.00	55922.01172	55856.00702	55910.09375	505620.9	5409579.3

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5620.0	505620.9	5409578.4	17553.40039	320.96	69.46	48.839155	-86.923397	55872.53	56244.9	5.14	55877.66	55921.15234	55854.95197	55908.46875	505620.9	5409578.4
L5620.0	505620.9	5409577.2	17553.50000	319.70	69.52	48.839144	-86.923397	55872.25	56244.9	5.14	55877.39	55920.36719	55854.79961	55907.75391	505620.9	5409577.2
L5620.0	505620.9	5409576.2	17553.59961	316.37	69.37	48.839134	-86.923397	55871.93	56244.9	5.13	55877.06	55919.53516	55853.28292	55905.67969	505620.9	5409576.2
L5620.0	505621.0	5409575.0	17553.69922	314.13	69.51	48.839123	-86.923397	55871.72	56244.9	5.13	55876.85	55918.83203	55853.56181	55905.41406	505621.0	5409575.0
L5620.0	505621.0	5409575.0	17553.80078	313.21	69.51	48.839123	-86.923397	55871.37	56244.9	5.13	55876.50	55917.99609	55851.01000	55902.32031	505621.0	5409575.0
L5620.0	505621.0	5409573.5	17553.90039	313.11	69.11	48.839110	-86.923396	55871.16	56244.9	5.13	55876.29	55917.30859	55850.63931	55901.41797	505621.0	5409573.5
L5620.0	505621.0	5409572.2	17554.00000	314.88	69.12	48.839099	-86.923396	55870.93	56244.9	5.13	55876.06	55916.61328	55849.57321	55899.82813	505621.0	5409572.2
L5620.0	505621.1	5409571.0	17554.09961	315.97	69.12	48.839088	-86.923396	55870.76	56244.9	5.13	55875.89	55915.98438	55849.30152	55899.03906	505621.1	5409571.0
L5620.0	505621.1	5409571.0	17554.19922	318.98	69.12	48.839088	-86.923396	55870.51	56244.9	5.13	55875.64	55915.28516	55847.16424	55896.39063	505621.1	5409571.0
L5620.0	505621.1	5409569.7	17554.30078	320.71	69.12	48.839076	-86.923395	55870.41	56244.9	5.13	55875.53	55914.73828	55847.39915	55896.12500	505621.1	5409569.7
L5620.0	505621.1	5409568.5	17554.40039	323.01	69.12	48.839065	-86.923395	55870.23	56244.9	5.13	55875.35	55914.12500	55845.92917	55894.16406	505621.1	5409568.5
L5620.0	505621.2	5409567.2	17554.50000	325.26	69.12	48.839054	-86.923395	55870.11	56244.9	5.13	55875.23	55913.58203	55845.32384	55893.07422	505621.2	5409567.2
L5620.0	505621.2	5409566.2	17554.59961	326.76	69.12	48.839044	-86.923394	55870.00	56244.9	5.12	55875.12	55913.05859	55844.60124	55891.87891	505621.2	5409566.2
L5620.0	505621.2	5409564.5	17554.69922	327.44	69.12	48.839029	-86.923394	55869.93	56244.9	5.12	55875.05	55912.58203	55844.39451	55891.20313	505621.2	5409564.5
L5620.0	505621.2	5409564.5	17554.80078	328.37	69.12	48.839029	-86.923394	55869.80	56244.9	5.12	55874.92	55912.05469	55842.59670	55888.94922	505621.2	5409564.5
L5620.0	505621.3	5409563.2	17554.90039	328.71	69.12	48.839018	-86.923393	55869.77	56244.9	5.12	55874.89	55911.63672	55842.62644	55888.52734	505621.3	5409563.2
L5620.0	505621.3	5409562.4	17555.00000	328.29	69.12	48.839010	-86.923393	55869.70	56244.9	5.12	55874.82	55911.18750	55841.50528	55886.96484	505621.3	5409562.4
L5620.0	505621.3	5409560.9	17555.09961	328.60	69.12	48.838997	-86.923392	55869.64	56244.9	5.12	55874.76	55910.75781	55840.30966	55885.33984	505621.3	5409560.9
L5620.0	505621.3	5409560.0	17555.19922	327.56	69.12	48.838989	-86.923392	55869.65	56244.9	5.12	55874.76	55910.39063	55840.14068	55884.74609	505621.3	5409560.0
L5620.0	505621.4	5409558.8	17555.30078	327.68	69.12	48.838978	-86.923392	55869.62	56244.9	5.11	55874.74	55910.01563	55839.25821	55883.45313	505621.4	5409558.8
L5620.0	505621.4	5409557.5	17555.40039	327.26	69.12	48.838966	-86.923391	55869.68	56244.9	5.11	55874.79	55909.71875	55839.62890	55883.41797	505621.4	5409557.5
L5620.0	505621.4	5409556.5	17555.50000	327.72	69.12	48.838957	-86.923391	55869.72	56244.9	5.11	55874.83	55909.42188	55839.50784	55882.90234	505621.4	5409556.5
L5620.0	505621.4	5409556.5	17555.59961	325.62	69.12	48.838957	-86.923391	55869.83	56244.9	5.11	55874.94	55909.19922	55840.60119	55883.60938	505621.4	5409556.5
L5620.0	505621.4	5409554.7	17555.69922	322.90	69.12	48.838941	-86.923391	55869.90	56244.9	5.11	55875.00	55908.93750	55840.32535	55882.95703	505621.4	5409554.7
L5620.0	505621.5	5409553.4	17555.80078	319.03	69.12	48.838930	-86.923390	55870.03	56244.9	5.10	55875.13	55908.75391	55841.20051	55883.46484	505621.5	5409553.4
L5620.0	505621.5	5409552.6	17555.90039	315.12	69.12	48.838922	-86.923390	55870.15	56244.9	5.10	55875.25	55908.56641	55841.52743	55883.43359	505621.5	5409552.6
L5620.0	505621.5	5409551.3	17556.00000	313.00	130	48.838910	-86.923390	55870.31	56244.9	5.10	55875.41	55908.42969	55842.31034	55883.86719	505621.5	5409551.3
L5620.0	505621.5	5409551.3	17556.09961	310.62	130	48.838910	-86.923390	55870.48	56244.9	5.10	55875.58	55908.30859	55842.91450	55884.13281	505621.5	5409551.3
L5620.0	505621.5	5409550.0	17556.19922	310.34	130	48.838898	-86.923390	55870.71	56244.9	5.11	55875.82	55908.26953	55844.48789	55885.37500	505621.5	5409550.0
L5620.0	505621.5	5409548.7	17556.30078	312.61	130	48.838887	-86.923390	55870.91	56244.9	5.11	55876.02	55908.19531	55844.88194	55885.45313	505621.5	5409548.7
L5620.0	505621.5	5409547.1	17556.40039	314.77	130	48.838873	-86.923389	55871.12	56244.9	5.11	55876.23	55908.13672	55845.07150	55885.33203	505621.5	5409547.1
L5620.0	505621.5	5409546.5	17556.50000	317.61	130	48.838867	-86.923389	55871.37	56244.9	5.11	55876.48	55908.12891	55845.60958	55885.57031	505621.5	5409546.5
L5620.0	505621.6	5409545.2	17556.59961	320.73	130	48.838856	-86.923389	55871.64	56244.9	5.12	55876.76	55908.16016	55846.29826	55885.96875	505621.6	5409545.2
L5620.0	505621.6	5409543.7	17556.69922	321.40	130	48.838842	-86.923389	55871.90	56244.9	5.12	55877.02	55908.17969	55846.22271	55885.61328	505621.6	5409543.7
L5620.0	505621.6	5409543.7	17556.80078	319.77	130	48.838842	-86.923389	55872.20	56244.9	5.12	55877.33	55908.25391	55846.66092	55885.78125	505621.6	5409543.7
L5620.0	505621.6	5409542.4	17556.90039	316.37	130	48.838830	-86.923389	55872.56	56244.9	5.13	55877.68	55908.37891	55847.42629	55886.28906	505621.6	5409542.4
L5620.0	505621.6	5409541.7	17557.00000	316.19	130	48.838824	-86.923389	55872.91	56244.9	5.13	55878.04	55908.52344	55847.98512	55886.59766	505621.6	5409541.7
L5620.0	505621.6	5409540.7	17557.09961	317.98	130	48.838815	-86.923389	55873.26	56244.9	5.13	55878.39	55908.66406	55847.99039	55886.36328	505621.6	5409540.7
L5620.0	505621.6	5409539.2	17557.19922	321.43	130	48.838801	-86.923389	55873.67	56244.9	5.13	55878.79	55908.86328	55848.53668	55886.67969	505621.6	5409539.2
L5620.0	505621.6	5409538.3	17557.30078	322.71	130	48.838793	-86.923389	55874.13	56244.9	5.12	55879.25	55909.12891	55849.82801	55887.75000	505621.6	5409538.3
L5620.0	505621.6	5409537.2	17557.40039	321.30	130	48.838783	-86.923389	55874.48	56244.9	5.12	55879.60	55909.29688	55848.78140	55886.49609	505621.6	5409537.2
L5620.0	505621.6	5409535.0	17557.50000	319.68	130	48.838764	-86.923388	55874.96	56244.9	5.12	55880.08	55909.59766	55849.79585	55887.31250	505621.6	5409535.0
L5620.0	505621.6	5409535.0	17557.59961	317.71	130	48.838764	-86.923388	55875.44	56244.9	5.12	55880.56	55909.91016	55850.51906	55887.84766	505621.6	5409535.0
L5620.0	505621.6	5409533.7	17557.69922	317.35	130	48.838752	-86.923388	55875.94	56244.9	5.12	55881.06	55910.25000	55851.34000	55888.48828	505621.6	5409533.7
L5620.0	505621.7	5409532.4	17557.80078	317.21	130	48.838740	-86.923388	55876.48	56244.9	5.11	55881.59	55910.62891	55852.46712	55889.44922	505621.7	5409532.4
L5620.0	505621.7	5409531.3	17557.90039	319.13	130	48.838731	-86.923388	55877.04	56244.9	5.11	55882.15	55911.04688	55853.92905	55890.75391	505621.7	5409531.3
L5620.0	505621.7	5409530.4	17558.00000	321.26	130	48.838723	-86.923388	55877.54	56244.9	5.11	55882.65	55911.41406	55854.02919	55890.70703	505621.7	5409530.4
L5620.0	505621.7	5409529.1	17558.09961	323.80	130	48.838711	-86.923388	55878.15	56244.9	5.11	55883.26	55911.89844	55856.01131	55892.55078	505621.7	5409529.1
L5620.0	505621.7	5409528.0	17558.19922	322.92	130	48.838701	-86.923388	55878.70	56244.9	5.11	55883.81	55912.32813	55856.63591	55893.04688	505621.7	5409528.0
L5620.0	505621.7	5409528.0	17558.30078	323.52	130	48.838701	-86.923388	55879.31	56244.9	5.10	55884.42	55912.83203	55858.20244	55894.50000	505621.7	5409528.0
L5620.0	505621.7	5409526.7	17558.40039	323.11	130	48.838689	-86.923388	55879.94	56244.9	5.10	55885.04	55913.35156	55859.75752	55895.94922	505621.7	5409526.7
L5620.0	505621.7	5409524.9	17558.50000	322.59	130	48.838673	-86.923388	55880.55	56244.9	5.10	55885.65	55913.86719	55860.92471	55897.01953	505621.7	5409524.9
L5620.0	505621.7	5409523.8	17558.59961	322.12	71.3	48.838663	-86.923388	55881.21	56244.9	5.10	55886.31	55914.44531	55862.86297	55898.87500	505621.7	5409523.8
L5620.0	505621.7	5409523.8	17558.69922	320.41	72.77	48.838663	-86.923388	55881.86	56244.9	5.10	55886.96	55915.01953	55864.42630	55900.36328	505621.7	5409523.8
L5620.0	505621.7	5409522.2	17558.80078	318.35	72.77	48.838649	-86.923388	55882.55	56244.9	5.09	55887.64	55915.63672	55866.38489	55902.25391	505621.7	5409522.2
L5620.0	505621.7	5409522.2	17558.90039	317.64	69.31	48.838649	-86.923388	55883.18	56244.9	5.09	55888.27	55916.20703	55867.22236	55903.03906	505621.7	5409522.2
L5620.0	505621.6	5409520.0	17559.00000	318.94	69.31	48.838629	-86.923388	55883.94	56244.9	5.09	55889.03	55916.91797	55870.35753	55906.12891	505621.6	5409520.0
L5620.0	505621.6	5409519.1	17559.09961	322.06	65.77	48.838621	-86.923388	55884.57	56244.9	5.09	55889.66	55917.50781	55870.87975	55906.61719	505621.6	5409519.1
L5620.0	505621.7	5409517.8	17559.19922	321.32	60.32	48.838609	-86.923388	55885.28	56244.9	5.09	55890.37	55918.18750	55872.75979	55908.47656	505621.7	5409517.8
L5620.0	505621.7	5409516.7	17559.30078	321.77	60.32	48.838599	-86.923388	55885.91	56244.9	5.09	55891.00	55918.79297	55873.00939	55908.71094	505621.7	5409516.7
L5620.0	505621.7	5409515.7	17559.40039	321.86	64.54	48.838591	-86.923388	55886.70	56244.9	5.09	55891.79	55919.57031	55876.10030	55911.79688	505621.7	5409515.7
L5620.0	505621.7	5409514.4	17559.50000	320.09	64.54	48.838578	-86.923388	55887.35	56244.9	5.10	55892.45	55920.22656	55876.66313	55912.36719	505621.7	5409514.4
L5620.0	505621.7	5409513.0	17559.59961	318.01	60.75	48.838566	-86.923388	55888.09	56244.9	5.10	55893.18	55920.95703	55878.40726	55914.12891	505621.7	5409513.0
L5620.0	505621.7	5409513.0	17559.69922	316.98	61.9	48.838566	-86.923388	55888.79	56244.9	5.10	55893.89	55921.67969	55879.68512	55915.43359	505621.7	5409513.0
L5620.0	505621.7	5409511.4	17559.80078	317.95	61.9	48.838552	-86.923388	55889.53	56244.9	5.10	55894.63	55922.44141	55881.41932	55917.20313	505621.7	5409511.4
L5620.0	505621.7	5409509.6	17559.90039	318.56	63.66	48.838535	-86.923388	55890.23	56244.9	5.10	55895.33	55923.16797	55882.34844	55918.17969	505621.7	5409509.6
L5620.0	505621.7	5409508.7	17560.00000	319.10	68.5	48.838527	-86.923388	55890.97	56244.9	5.10	55896.07	55923.94531	55883.93324	55919.82031	505621.7	5409508.7
L5620.0	505621.7	5409507.3	17560.09961	320.08	68.5	48.838515	-86.923388	55891.68	56244.9	5.10	55896.78	55924.70313	55884.91934	55920.87109	505621.7	5409507.3
L5620.0	505621.7	5409507.3	17560.19922	319.61	62.44	48.838515	-86.923388	55892.41	56244.9	5.10	55897.51	55925.48828	55886.21845	55922.24219	505621.7	5409507.3
L5620.0	505621.7	5409506.0	17560.30078	318.15	63.36	48.838503	-86.923388	55893.15	56244.9	5.10	55898.25	55926.28906	55887.66024	55923.76953	505621.7	5409506.0
L5620.0	505621.7	5409504.8	17560.40039	317.51	63.36	48.838493	-86.923388	55893.88	56244.9	5.10	55898.98	55927.08984	55888.89652	55925.10156	505621.7	5409504.8
L5620.0	505621.7	5409503.5	17560.50000	317.42	67.82	48.838480	-86.923388	55894.62	56244.9	5.10	55899.72	55927.91016	55890.29569	55926.60156	505621.7	5409503.5
L5620.0	505621.7	5409501.2	17560.59961	316.36	66.22	48.838460	-86.923388	55895.35	56244.9	5.11	55900.45	55928.73047	55891.50770	55927.92969	505621.7	5409501.2
L5620.0	505621.7	5409501.2	17560.69922	315.91	66.22	48.838460	-86.923388	55896.13	56244.9	5.11	55901.24	55929.61719	55893.79619	55930.33984	505621.7	5409501.2
L5620.0	505621.7	5409499.8	17560.80078	318.28	69.9	48.838447	-86.923389	55896.76	56244.9	5.11	55901.87	55930.35156	55893.22555	55929.89844	505621.7	5409499.8
L5620.0	505621.6	5409498.7	17560.90039	318.76	66.41	48.838437	-86.923389	55897.60	56244.9	5.11	55902.71	55931.30469	55896.44301	55933.25781	505621.6	5409498.7
L5620.0	505621.6	5409497.3	17561.00000	320.68	66.41	48.838425	-86.923389	55898.26	56244.9	5.11	55903.37	55932.08594	55896.45357	55933.41797	505621.6	5409497.3
L5620.0	505621.6	5409497.3	17561.09961	323.32	68.41	48.838425	-86.923389	55899.02	56244.9	5.11	55904.13	55932.97656	55898.29736	55935.42188	505621.6	5409497.3
L5620.0	505621.6	5409495.7	17561.19922	324.34	63.92	48.838410	-86.923389	55899.72	56244.9	5.11	55904.83	55933.81250	55899.10108	55936.39063	505621.6	5409495.7
L5620.0	505621.6	5409494.1	17561.30078	324.08	63.92	48.838396	-86.923390	55900.48	56244.9	5.11	55905.59	55934.71875	55901.03525	55938.50391	505621.6	5409494.1
L5620.0	505621.6	5409494.1	17561.40039	323.65	64.42	48.838396	-86.923390	55901.14	56244.9	5.11	55906.25	55935.53516	55901.21449	55938.86719	505621.6	5409494.1
L5620.0	505621.6	5409492.5	17561.50000	322.32	69.19	48.838381	-86.923390	55901.84	56244.9	5.11	55906.95	55936.39844	55902.17363	55940.02344	505621.6	5409492.5
L5620.0	505621.5	5409490.7	17561.59961	320.79	64.22	48.838365	-86.923390	55902.53	56244.9	5.11	55907.64	55937.26172	55903.01312	55941.06641	505621.5	5409490.7
L5620.0	505621.5	5409489.5	17561.69922	318.67	64.22	48.838355	-86.923390	55903.21	56244.9	5.11	55908.32	55938.12109	55903.73667	55942.00391	505621.5	5409489.5
L5620.0	505621.5	5409489.5	17561.80078	317.62	66.22	48.838355	-86.923390	55903.89	56244.9	5.11	55909.00	55938.98828	55904.52868	55943.01563	505621.5	5409489.5
L5620.0	505621.5	5409487.9	17561.90039	317.84	67.25	48.838340	-86.923391	55904.56	56244.9	5.11	55909.67	55939.85156	55905.21132	55943.92969	505621.5	5409487.9
L5620.0	505621.5	5409486.5	17562.00000	317.01	67.25	48.838328	-86.923391	55905.23	56244.9	5.11	55910.34	55940.72656	55905.96762	55944.92578	505621.5	5409486.5
L5620.0	505621.5	5409485.4	17562.09961	318.15	65.62	48.838317	-86.923391	55905.94	56244.9	5.11	55911.05	55941.64844	55907.51725	55946.72266	505621.5	5409485.4
L5620.0	505621.5	5409484.0	17562.19922	320.21	65.62	48.838305	-86.923391	55906.61	56244.9	5.11	55911.72	55942.53906	55908.42273	55947.88672	505621.5	5409484.0
L5620.0	505621.5	5409483.0	17562.30078	321.78	65.62	48.838296	-86.923391	55907.23	56244.9	5.11	55912.34	55943.38672	55908.51280	55948.23828	505621.5	5409483.0
L5620.0	505621.5	5409481.8	17562.40039	321.06	69.36	48.838286	-86.923391	55907.92	56244.9	5.11	55913.03	55944.31250	55909.93005	55949.92969	505621.5	5409481.8
L5620.0	505621.5	5409480.5	17562.50000	320.57	69.36	48.838274	-86.923391	55908.55	56244.9	5.11	55913.66	55945.18359	55910.35955	55950.64063	505621.5	5409480.5
L5620.0	505621.5	5409479.4	17562.59961	318.21	69.68	48.838263	-86.923391	55909.21	56244.9	5.11	55914.32	55946.09375	55911.39887	55951.96875	505621.5	5409479.4

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5620.0	505621.5	5409478.6	17562.69922	317.68	67.11	48.838257	-86.923391	55909.84	56244.9	5.11	55914.95	55946.98438	55911.98710	55952.85547	505621.5	5409478.6
L5620.0	505621.5	5409477.0	17562.80078	316.89	67.11	48.838242	-86.923391	55910.45	56244.9	5.11	55915.56	55947.85938	55912.30392	55953.47656	505621.5	5409477.0
L5620.0	505621.5	5409475.9	17562.90039	315.64	68.52	48.838232	-86.923392	55911.08	56244.9	5.11	55916.19	55948.76172	55913.04445	55954.52734	505621.5	5409475.9
L5620.0	505621.4	5409474.5	17563.00000	315.66	66.5	48.838220	-86.923392	55911.71	56244.9	5.11	55916.82	55949.67188	55913.85683	55955.66016	505621.4	5409474.5
L5620.0	505621.4	5409473.3	17563.09961	318.04	63.76	48.838209	-86.923392	55912.32	56244.9	5.11	55917.43	55950.56641	55914.39488	55956.52344	505621.4	5409473.3
L5620.0	505621.4	5409473.3	17563.19922	320.47	63.76	48.838209	-86.923392	55912.92	56244.9	5.11	55918.03	55951.46094	55914.83069	55957.29297	505621.4	5409473.3
L5620.0	505621.4	5409472.0	17563.30078	321.22	64.7	48.838197	-86.923392	55913.51	56244.9	5.11	55918.62	55952.35156	55915.16229	55957.96484	505621.4	5409472.0
L5620.0	505621.4	5409471.1	17563.40039	321.49	66.06	48.838189	-86.923392	55914.09	56244.9	5.11	55919.20	55953.23828	55915.38700	55958.53516	505621.4	5409471.1
L5620.0	505621.4	5409469.7	17563.50000	320.48	62.97	48.838177	-86.923392	55914.70	56244.9	5.12	55919.81	55954.16016	55916.19892	55959.70313	505621.4	5409469.7
L5620.0	505621.4	5409468.5	17563.59961	317.80	64.67	48.838166	-86.923392	55915.28	56244.9	5.12	55920.39	55955.06250	55916.55621	55960.41797	505621.4	5409468.5
L5620.0	505621.4	5409467.2	17563.69922	316.82	64.67	48.838154	-86.923392	55915.86	56244.9	5.12	55920.98	55955.97656	55917.15573	55961.38281	505621.4	5409467.2
L5620.0	505621.4	5409467.2	17563.80078	317.15	65.25	48.838154	-86.923392	55916.44	56244.9	5.12	55921.56	55956.89063	55917.64747	55962.24609	505621.4	5409467.2
L5620.0	505621.5	5409464.6	17563.90039	316.17	65.4	48.838131	-86.923392	55917.07	56244.9	5.12	55922.19	55957.85547	55919.10518	55964.08203	505621.5	5409464.6
L5620.0	505621.5	5409463.5	17564.00000	315.76	68.12	48.838120	-86.923391	55917.61	56244.9	5.12	55922.73	55958.73828	55919.02229	55964.38281	505621.5	5409463.5
L5620.0	505621.5	5409463.5	17564.09961	318.10	68.12	48.838120	-86.923391	55918.21	56244.9	5.12	55923.33	55959.68750	55920.09495	55965.83984	505621.5	5409463.5
L5620.0	505621.5	5409461.8	17564.19922	319.55	68.12	48.838106	-86.923391	55918.72	56244.9	5.12	55923.83	55960.54297	55919.41199	55965.55078	505621.5	5409461.8
L5620.0	505621.5	5409459.7	17564.30078	320.04	69.39	48.838087	-86.923391	55919.38	56244.9	5.11	55924.49	55961.56250	55921.74523	55968.28125	505621.5	5409459.7
L5620.0	505621.5	5409458.6	17564.40039	321.84	69.39	48.838076	-86.923391	55919.88	56244.9	5.11	55925.00	55962.43750	55921.38376	55968.32031	505621.5	5409458.6
L5620.0	505621.5	5409457.5	17564.50000	323.36	71.04	48.838066	-86.923391	55920.46	56244.9	5.11	55925.57	55963.37500	55922.21007	55969.55078	505621.5	5409457.5
L5620.0	505621.5	5409457.5	17564.59961	322.95	66.23	48.838066	-86.923391	55920.99	56244.9	5.11	55926.10	55964.27734	55922.36294	55970.11328	505621.5	5409457.5
L5620.0	505621.5	5409456.1	17564.69922	324.16	67.72	48.838054	-86.923391	55921.56	56244.9	5.11	55926.66	55965.21875	55923.15540	55971.32031	505621.5	5409456.1
L5620.0	505621.6	5409455.0	17564.80078	324.36	67.72	48.838044	-86.923391	55922.14	56244.9	5.10	55927.24	55966.17969	55924.40363	55972.98438	505621.6	5409455.0
L5620.0	505621.6	5409453.6	17564.90039	323.05	65.36	48.838032	-86.923390	55922.69	56244.9	5.10	55927.79	55967.11328	55925.16335	55974.16016	505621.6	5409453.6
L5620.0	505621.6	5409452.3	17565.00000	323.40	65.36	48.838019	-86.923390	55923.22	56244.9	5.10	55928.32	55968.03516	55925.62306	55975.04297	505621.6	5409452.3
L5620.0	505621.6	5409452.3	17565.09961	321.38	66.17	48.838019	-86.923390	55923.73	56244.9	5.10	55928.83	55968.93750	55925.78609	55975.63281	505621.6	5409452.3
L5620.0	505621.6	5409450.8	17565.19922	321.42	68.86	48.838007	-86.923390	55924.31	56244.9	5.10	55929.41	55969.91406	55927.33671	55977.60938	505621.6	5409450.8
L5620.0	505621.6	5409449.4	17565.30078	321.31	70.01	48.837994	-86.923390	55924.86	56244.9	5.10	55929.96	55970.86719	55928.39590	55979.09766	505621.6	5409449.4
L5620.0	505621.6	5409448.3	17565.40039	319.64	64.61	48.837984	-86.923390	55925.37	56244.9	5.10	55930.47	55971.77734	55928.79050	55979.92188	505621.6	5409448.3
L5620.0	505621.6	5409446.9	17565.50000	318.63	64.61	48.837971	-86.923390	55925.90	56244.9	5.10	55931.00	55972.71484	55929.62595	55981.18750	505621.6	5409446.9
L5620.0	505621.6	5409445.4	17565.59961	316.96	60.24	48.837958	-86.923390	55926.46	56244.9	5.10	55931.56	55973.68359	55931.06124	55983.05859	505621.6	5409445.4
L5620.0	505621.6	5409445.4	17565.69922	317.18	60.78	48.837958	-86.923390	55926.94	56244.9	5.10	55932.04	55974.57422	55931.14401	55983.57422	505621.6	5409445.4
L5620.0	505621.6	5409443.7	17565.80078	316.60	60.78	48.837943	-86.923390	55927.50	56244.9	5.10	55932.60	55975.54688	55932.68758	55985.55078	505621.6	5409443.7
L5620.0	505621.6	5409442.5	17565.90039	316.10	67.32	48.837932	-86.923390	55927.95	56244.9	5.10	55933.05	55976.41406	55932.41235	55985.71484	505621.6	5409442.5
L5620.0	505621.6	5409441.1	17566.00000	317.08	67.32	48.837919	-86.923390	55928.56	56244.9	5.10	55933.66	55977.44141	55934.89799	55988.63281	505621.6	5409441.1
L5620.0	505621.6	5409440.0	17566.09961	317.60	69.22	48.837909	-86.923390	55928.94	56244.9	5.10	55934.04	55978.23828	55932.53205	55986.70313	505621.6	5409440.0
L5620.0	505621.6	5409438.8	17566.19922	318.17	69.75	48.837898	-86.923390	55929.52	56244.9	5.11	55934.63	55979.25000	55935.69678	55990.30469	505621.6	5409438.8
L5620.0	505621.6	5409437.3	17566.30078	317.48	69.75	48.837885	-86.923390	55929.92	56244.9	5.11	55935.03	55980.07031	55933.94255	55988.98438	505621.6	5409437.3
L5620.0	505621.6	5409437.3	17566.40039	315.54	68.48	48.837885	-86.923390	55930.48	56244.9	5.11	55935.59	55981.05469	55936.56687	55992.03906	505621.6	5409437.3
L5620.0	505621.6	5409435.7	17566.50000	315.88	68.48	48.837870	-86.923390	55930.94	56244.9	5.11	55936.05	55981.93750	55936.69362	55992.60156	505621.6	5409435.7
L5620.0	505621.6	5409434.0	17566.59961	315.74	65.83	48.837855	-86.923390	55931.42	56244.9	5.12	55936.54	55982.85156	55937.76869	55994.10547	505621.6	5409434.0
L5620.0	505621.6	5409432.8	17566.69922	313.26	68.3	48.837845	-86.923390	55931.90	56244.9	5.12	55937.02	55983.75781	55938.73977	55995.50781	505621.6	5409432.8
L5620.0	505621.6	5409432.8	17566.80078	312.04	68.3	48.837845	-86.923390	55932.36	56244.9	5.12	55937.48	55984.64063	55939.90632	55997.10156	505621.6	5409432.8
L5620.0	505621.6	5409431.0	17566.90039	312.13	68.92	48.837828	-86.923390	55932.76	56244.9	5.13	55937.89	55985.47656	55939.81280	55997.43359	505621.6	5409431.0
L5620.0	505621.6	5409429.5	17567.00000	312.76	68.92	48.837815	-86.923390	55933.24	56244.9	5.13	55938.37	55986.38281	55940.97701	55999.01953	505621.6	5409429.5
L5620.0	505621.6	5409428.0	17567.09961	314.19	66.69	48.837801	-86.923390	55933.67	56244.9	5.13	55938.80	55987.23438	55941.40028	55999.86328	505621.6	5409428.0
L5620.0	505621.6	5409428.0	17567.19922	316.14	68.88	48.837801	-86.923390	55934.10	56244.9	5.13	55939.23	55988.08984	55941.91827	56000.79688	505621.6	5409428.0
L5620.0	505621.6	5409426.0	17567.30078	319.06	68.88	48.837783	-86.923390	55934.53	56244.9	5.14	55939.66	55988.94531	55942.53311	56001.82813	505621.6	5409426.0
L5620.0	505621.6	5409424.8	17567.40039	322.25	68.88	48.837773	-86.923390	55934.93	56244.9	5.14	55940.07	55989.77734	55942.90803	56002.61328	505621.6	5409424.8
L5620.0	505621.6	5409423.4	17567.50000	324.23	71.78	48.837760	-86.923390	55935.31	56244.9	5.14	55940.45	55990.57813	55942.87563	56002.98828	505621.6	5409423.4
L5620.0	505621.6	5409423.4	17567.59961	324.71	69.07	48.837760	-86.923390	55935.79	56244.9	5.14	55940.93	55991.48047	55944.63013	56005.14453	505621.6	5409423.4
L5620.0	505621.6	5409422.0	17567.69922	324.89	69.07	48.837747	-86.923390	55936.15	56244.9	5.14	55941.29	55992.25781	55944.46278	56005.37891	505621.6	5409422.0
L5620.0	505621.6	5409420.1	17567.80078	322.69	64.3	48.837731	-86.923390	55936.53	56244.9	5.15	55941.67	55993.05469	55944.73595	56006.04688	505621.6	5409420.1
L5620.0	505621.6	5409420.1	17567.90039	322.58	65.82	48.837731	-86.923390	55936.93	56244.9	5.15	55942.08	55993.88281	55945.60899	56007.31250	505621.6	5409420.1
L5620.0	505621.6	5409418.7	17568.00000	320.05	65.82	48.837718	-86.923390	55937.28	56244.8	5.15	55942.43	55994.64844	55944.51819	56006.60938	505621.6	5409418.7
L5620.0	505621.6	5409417.3	17568.09961	318.27	70.25	48.837705	-86.923390	55937.71	56244.8	5.15	55942.86	55995.48828	55946.54412	56009.01563	505621.6	5409417.3
L5620.0	505621.6	5409416.1	17568.19922	315.34	68.17	48.837694	-86.923390	55938.04	56244.8	5.15	55943.19	55996.23047	55946.10537	56008.95703	505621.6	5409416.1
L5620.0	505621.6	5409414.5	17568.30078	313.26	68.17	48.837680	-86.923390	55938.38	56244.8	5.15	55943.53	55996.98047	55946.11954	56009.33984	505621.6	5409414.5
L5620.0	505621.6	5409414.5	17568.40039	312.56	71.33	48.837680	-86.923390	55938.75	56244.8	5.15	55943.90	55997.75391	55947.07230	56010.66016	505621.6	5409414.5
L5620.0	505621.6	5409412.9	17568.50000	312.82	71.43	48.837665	-86.923390	55939.11	56244.8	5.15	55944.26	55998.51953	55947.92811	56011.87891	505621.6	5409412.9
L5620.0	505621.6	5409411.7	17568.59961	312.78	71.43	48.837655	-86.923390	55939.38	56244.8	5.15	55944.53	55999.19141	55946.75558	56011.06250	505621.6	5409411.7
L5620.0	505621.6	5409410.3	17568.69922	311.48	71.69	48.837642	-86.923391	55939.74	56244.8	5.15	55944.89	55999.94922	55947.94807	56012.60547	505621.6	5409410.3
L5620.0	505621.6	5409408.9	17568.80078	311.64	71.82	48.837629	-86.923391	55940.09	56244.8	5.15	55945.24	56000.69531	55949.04783	56014.05078	505621.6	5409408.9
L5620.0	505621.6	5409408.9	17568.90039	311.90	63.03	48.837629	-86.923391	55940.34	56244.8	5.15	55945.49	56001.33594	55948.00030	56013.34375	505621.6	5409408.9
L5620.0	505621.6	5409407.5	17569.00000	312.40	65.29	48.837617	-86.923391	55940.63	56244.8	5.15	55945.78	56002.01563	55948.07267	56013.75000	505621.6	5409407.5
L5620.0	505621.6	5409406.0	17569.09961	312.60	65.29	48.837604	-86.923391	55940.93	56244.8	5.15	55946.08	56002.70313	55948.55168	56014.55859	505621.6	5409406.0
L5620.0	505621.5	5409404.2	17569.19922	313.02	70.33	48.837587	-86.923391	55941.23	56244.8	5.15	55946.38	56003.38672	55949.20895	56015.53516	505621.5	5409404.2
L5620.0	505621.5	5409404.2	17569.30078	311.83	70	48.837587	-86.923391	55941.48	56244.8	5.16	55946.64	56004.02734	55949.14946	56015.79297	505621.5	5409404.2
L5620.0	505621.5	5409402.7	17569.40039	312.30	70	48.837574	-86.923392	55941.79	56244.8	5.16	55946.94	56004.70313	55950.17959	56017.12891	505621.5	5409402.7
L5620.0	505621.5	5409401.5	17569.50000	312.07	73.28	48.837563	-86.923392	55942.02	56244.8	5.16	55947.18	56005.31641	55950.03454	56017.28906	505621.5	5409401.5
L5620.0	505621.5	5409399.4	17569.59961	313.77	73.28	48.837544	-86.923392	55942.29	56244.8	5.16	55947.45	56005.95703	55950.76976	56018.32031	505621.5	5409399.4
L5620.0	505621.5	5409399.4	17569.69922	314.99	72.9	48.837544	-86.923392	55942.52	56244.8	5.16	55947.68	56006.55469	55950.76265	56018.60156	505621.5	5409399.4
L5620.0	505621.5	5409397.9	17569.80078	314.45	73.73	48.837531	-86.923392	55942.77	56244.8	5.17	55947.94	56007.17578	55951.67221	56019.79297	505621.5	5409397.9
L5620.0	505621.5	5409396.3	17569.90039	314.90	73.73	48.837516	-86.923393	55942.98	56244.8	5.17	55948.14	56007.73438	55951.31179	56019.71094	505621.5	5409396.3
L5620.0	505621.5	5409396.3	17570.00000	315.65	73.83	48.837516	-86.923393	55943.25	56244.8	5.17	55948.42	56008.37109	55953.17379	56021.84375	505621.5	5409396.3
L5620.0	505621.4	5409394.4	17570.09961	316.74	73.83	48.837499	-86.923393	55943.38	56244.8	5.17	55948.55	56008.85156	55951.38598	56020.32031	505621.4	5409394.4
L5620.0	505621.4	5409393.0	17570.19922	317.08	70.6	48.837486	-86.923393	55943.66	56244.8	5.17	55948.83	56009.48047	55954.42046	56023.60938	505621.4	5409393.0
L5620.0	505621.4	5409391.8	17570.30078	317.17	71.79	48.837475	-86.923393	55943.84	56244.8	5.17	55949.01	56010.00391	55954.56693	56024.00781	505621.4	5409391.8
L5620.0	505621.4	5409390.3	17570.40039	318.04	71.79	48.837463	-86.923393	55944.06	56244.8	5.17	55949.24	56010.57422	55955.71094	56025.39453	505621.4	5409390.3
L5620.0	505621.4	5409388.7	17570.50000	320.59	71.54	48.837447	-86.923394	55944.21	56244.8	5.17	55949.39	56011.05859	55955.61326	56025.53516	505621.4	5409388.7
L5620.0	505621.4	5409388.7	17570.59961	319.93	71.76	48.837447	-86.923394	55944.42	56244.8	5.18	55949.59	56011.58984	55956.54700	56026.70313	505621.4	5409388.7
L5620.0	505621.4	5409387.7	17570.69922	320.65	71.91	48.837439	-86.923394	55944.54	56244.8	5.18	55949.72	56012.04688	55956.35614	56026.73438	505621.4	5409387.7
L5620.0	505621.4	5409386.3	17570.80078	321.28	63.59	48.837426	-86.923394	55944.70	56244.8	5.18	55949.88	56012.53125	55956.85937	56027.45703	505621.4	5409386.3
L5620.0	505621.4	5409385.1	17570.90039	321.17	63.59	48.837415	-86.923394	55944.90	56244.8	5.18	55950.08	56013.05078	55958.28740	56029.09766	505621.4	5409385.1
L5620.0	505621.4	5409383.6	17571.00000	321.83	68.3	48.837402	-86.923394	55944.95	56244.8	5.18	55950.13	56013.41797	55956.98171	56027.99609	505621.4	5409383.6
L5620.0	505621.4	5409383.6	17571.09961	324.05	69.89	48.837402	-86.923394	55945.15	56244.8	5.18	55950.33	56013.92969	55958.74536	56029.96094	505621.4	5409383.6
L5620.0	505621.4	5409381.9	17571.19922	324.34	69.89	48.837387	-86.923394	55945.25	56244.8	5.17	55950.43	56014.33594	55958.70573	56030.11328	505621.4	5409381.9
L5620.0	505621.4	5409380.5	17571.30078	323.89	72.92	48.837374	-86.923394	55945.33	56244.8	5.17	55950.50	56014.71094	55958.21455	56029.81250	505621.4	5409380.5
L5620.0	505621.4	5409378.8	17571.40039	324.82	73.12	48.837359	-86.923394	55945.43	56244.8	5.17	55950.60	56015.10938	55958.48106	56030.26172	505621.4	5409378.8
L5620.0	505621.4	5409377.7	17571.50000	324.04	73.11	48.837348	-86.923393	55945.58	56244.8	5.17	55950.74	56015.54688	55959.72470	56031.67969	505621.4	5409377.7
L5620.0	505621.4	5409376.4	17571.59961	323.65	72.97	48.837337	-86.923393	55945.68	56244.8	5.16	55950.85	56015.94922	55960.52703	56032.65234	505621.4	5409376.4
L5620.0	505621.4	5409376.4	17571.69922	324.66	72.97	48.837337	-86.923393	55945.68	56244.8	5.16	55950.84	56016.22656	55959.05032	56031.34375	505621.4	5409376.4
L5620.0	505621.4	5409374.8	17571.80078	323.79	72.91	48.837322	-86.923393	55945.73	56244.8	5.16	55950.89	56016.55859	55958.96635	56031.41797	505621.4	5409374.8
L5620.0	505621.4	5409373.4	17571.90039	322.85	72.46	48.837310	-86.923393	55945.84	56244.8	5.15	55950.99	56016.94141	55960.06853	56032.67578	505621.4	5409373.4

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5620.0	505621.4	5409372.4	17572.00000	323.01	72.25	48.837301	-86.923393	55945.81	56244.8	5.15	55950.96	56017.18750	55958.71633	56031.47656	505621.4	5409372.4
L5620.0	505621.4	5409370.9	17572.09961	323.23	72.25	48.837288	-86.923393	55945.86	56244.8	5.15	55951.01	56017.51172	55959.15933	56032.06250	505621.4	5409370.9
L5620.0	505621.4	5409369.7	17572.19922	322.01	66.33	48.837277	-86.923393	55945.88	56244.8	5.16	55951.04	56017.81250	55959.37898	56032.42188	505621.4	5409369.7
L5620.0	505621.4	5409368.3	17572.30078	321.69	66.33	48.837264	-86.923393	55945.86	56244.8	5.16	55951.02	56018.05859	55958.79504	56031.97656	505621.4	5409368.3
L5620.0	505621.4	5409366.9	17572.40039	321.03	66.58	48.837251	-86.923393	55945.88	56244.8	5.17	55951.05	56018.34766	55959.37837	56032.69141	505621.4	5409366.9
L5620.0	505621.4	5409366.9	17572.50000	320.46	65.07	48.837251	-86.923393	55945.88	56244.8	5.17	55951.05	56018.60938	55959.55888	56033.00000	505621.4	5409366.9
L5620.0	505621.5	5409365.7	17572.59961	319.35	65.72	48.837241	-86.923393	55945.86	56244.8	5.17	55951.03	56018.84375	55959.54392	56033.10938	505621.5	5409365.7
L5620.0	505621.5	5409364.1	17572.69922	317.86	65.72	48.837226	-86.923393	55945.81	56244.8	5.18	55950.99	56019.05859	55959.34641	56033.03516	505621.5	5409364.1
L5620.0	505621.5	5409362.8	17572.80078	319.30	66.46	48.837215	-86.923393	55945.81	56244.8	5.18	55950.99	56019.30859	55960.08698	56033.89063	505621.5	5409362.8
L5620.0	505621.5	5409361.4	17572.90039	319.78	69.56	48.837202	-86.923393	55945.71	56244.8	5.19	55950.89	56019.45313	55959.17749	56033.09766	505621.5	5409361.4
L5620.0	505621.5	5409360.3	17573.00000	319.67	69.56	48.837192	-86.923392	55945.66	56244.8	5.19	55950.85	56019.65625	55959.56956	56033.60156	505621.5	5409360.3
L5620.0	505621.5	5409358.9	17573.09961	318.83	70.24	48.837179	-86.923392	55945.58	56244.8	5.19	55950.77	56019.81641	55959.43689	56033.57422	505621.5	5409358.9
L5620.0	505621.5	5409358.9	17573.19922	318.82	69.07	48.837179	-86.923392	55945.50	56244.8	5.19	55950.69	56019.97656	55959.50700	56033.75000	505621.5	5409358.9
L5620.0	505621.6	5409357.2	17573.30078	317.46	69.07	48.837164	-86.923392	55945.40	56244.8	5.18	55950.59	56020.10938	55959.42839	56033.77734	505621.6	5409357.2
L5620.0	505621.6	5409355.5	17573.40039	317.00	67.92	48.837149	-86.923391	55945.28	56244.8	5.18	55950.46	56020.21484	55959.03708	56033.48828	505621.6	5409355.5
L5620.0	505621.6	5409355.5	17573.50000	315.87	67.3	48.837149	-86.923391	55945.15	56244.8	5.18	55950.33	56020.31250	55958.85952	56033.41016	505621.6	5409355.5
L5620.0	505621.6	5409354.3	17573.59961	317.03	67.07	48.837138	-86.923391	55945.02	56244.8	5.18	55950.20	56020.41016	55958.89345	56033.54297	505621.6	5409354.3
L5620.0	505621.6	5409352.9	17573.69922	318.26	69.39	48.837125	-86.923391	55944.90	56244.8	5.18	55950.07	56020.50781	55959.13746	56033.88281	505621.6	5409352.9
L5620.0	505621.7	5409351.4	17573.80078	318.65	69.39	48.837112	-86.923390	55944.72	56244.8	5.17	55949.89	56020.55078	55958.75398	56033.59766	505621.7	5409351.4
L5620.0	505621.7	5409350.2	17573.90039	318.47	71.78	48.837102	-86.923390	55944.57	56244.8	5.17	55949.74	56020.62109	55959.08943	56034.02734	505621.7	5409350.2
L5620.0	505621.7	5409349.3	17574.00000	317.34	72.83	48.837093	-86.923390	55944.34	56244.8	5.17	55949.51	56020.60938	55957.46991	56032.50391	505621.7	5409349.3
L5620.0	505621.7	5409348.0	17574.09961	317.56	73.31	48.837082	-86.923390	55944.12	56244.8	5.17	55949.29	56020.60547	55956.83618	56031.96484	505621.7	5409348.0
L5620.0	505621.7	5409346.6	17574.19922	316.91	73.31	48.837069	-86.923390	55943.91	56244.8	5.18	55949.09	56020.62109	55957.08801	56032.31250	505621.7	5409346.6
L5620.0	505621.7	5409346.6	17574.30078	315.94	71.11	48.837069	-86.923390	55943.71	56244.8	5.18	55948.89	56020.63672	55957.69161	56033.01172	505621.7	5409346.6
L5620.0	505621.7	5409344.8	17574.40039	316.49	72.87	48.837052	-86.923389	55943.41	56244.8	5.19	55948.59	56020.54688	55956.00373	56031.41797	505621.7	5409344.8
L5620.0	505621.8	5409343.5	17574.50000	317.25	72.87	48.837041	-86.923389	55943.16	56244.8	5.19	55948.35	56020.51953	55956.27802	56031.78906	505621.8	5409343.5
L5620.0	505621.8	5409342.3	17574.59961	316.29	71.35	48.837030	-86.923389	55942.88	56244.8	5.19	55948.07	56020.44922	55955.87149	56031.48047	505621.8	5409342.3
L5620.0	505621.8	5409340.8	17574.69922	316.82	71.96	48.837017	-86.923389	55942.63	56244.8	5.20	55947.82	56020.40625	55956.64602	56032.35547	505621.8	5409340.8
L5620.0	505621.8	5409339.6	17574.80078	316.19	71.96	48.837006	-86.923389	55942.32	56244.8	5.20	55947.52	56020.31250	55956.49651	56032.30859	505621.8	5409339.6
L5620.0	505621.8	5409338.4	17574.90039	317.21	72.5	48.836995	-86.923389	55941.96	56244.8	5.21	55947.17	56020.17188	55955.42998	56031.34375	505621.8	5409338.4
L5620.0	505621.8	5409336.9	17575.00000	316.71	72.09	48.836982	-86.923389	55941.61	56244.8	5.21	55946.82	56020.02734	55954.78037	56030.80078	505621.8	5409336.9
L5620.0	505621.8	5409335.7	17575.09961	317.00	72.09	48.836971	-86.923389	55941.28	56244.8	5.21	55946.49	56019.90234	55955.09580	56031.22266	505621.8	5409335.7
L5620.0	505621.8	5409335.7	17575.19922	316.67	72.25	48.836971	-86.923389	55940.93	56244.8	5.21	55946.13	56019.74609	55955.05759	56031.29688	505621.8	5409335.7
L5620.0	505621.8	5409333.5	17575.30078	317.02	72.32	48.836951	-86.923389	55940.55	56244.8	5.21	55945.75	56019.57031	55957.55762	56033.91016	505621.8	5409333.5
L5620.0	505621.8	5409332.0	17575.40039	316.67	66.42	48.836938	-86.923389	55940.17	56244.8	5.21	55945.37	56019.39453	55957.84663	56034.31250	505621.8	5409332.0
L5620.0	505621.8	5409330.7	17575.50000	317.40	66.42	48.836926	-86.923389	55939.71	56244.8	5.21	55944.92	56019.14844	55957.25437	56033.84375	505621.8	5409330.7
L5620.0	505621.8	5409330.7	17575.59961	316.57	68.02	48.836926	-86.923389	55939.28	56244.8	5.20	55944.49	56018.92188	55957.28548	56033.99609	505621.8	5409330.7
L5620.0	505621.8	5409329.2	17575.69922	317.77	66.52	48.836913	-86.923388	55938.81	56244.8	5.20	55944.01	56018.64453	55956.76783	56033.60938	505621.8	5409329.2
L5620.0	505621.8	5409327.8	17575.80078	319.70	68.66	48.836900	-86.923388	55938.35	56244.8	5.20	55943.55	56018.38672	55956.88865	56033.85938	505621.8	5409327.8
L5620.0	505621.8	5409326.1	17575.90039	318.94	68.66	48.836884	-86.923388	55937.84	56244.8	5.20	55943.04	56018.07813	55956.46218	56033.57031	505621.8	5409326.1
L5620.0	505621.8	5409326.1	17576.00000	318.87	68.05	48.836884	-86.923388	55937.34	56244.8	5.20	55942.54	56017.78516	55956.51758	56033.76953	505621.8	5409326.1
L5620.0	505621.8	5409324.6	17576.09961	319.12	67.01	48.836872	-86.923388	55936.75	56244.8	5.20	55941.96	56017.40625	55955.50519	56032.90234	505621.8	5409324.6
L5620.0	505621.8	5409323.4	17576.19922	320.12	67.01	48.836860	-86.923389	55936.27	56244.8	5.20	55941.48	56017.13281	55956.55034	56034.09766	505621.8	5409323.4
L5620.0	505621.8	5409321.8	17576.30078	320.57	67.21	48.836846	-86.923389	55935.62	56244.8	5.21	55940.83	56016.68750	55954.95590	56032.66016	505621.8	5409321.8
L5620.0	505621.8	5409320.3	17576.40039	320.80	67.37	48.836833	-86.923389	55935.06	56244.8	5.21	55940.27	56016.33594	55955.26531	56033.13281	505621.8	5409320.3
L5620.0	505621.8	5409320.3	17576.50000	319.54	67.37	48.836833	-86.923389	55934.40	56244.8	5.21	55939.61	56015.88281	55954.14829	56032.18359	505621.8	5409320.3
L5620.0	505621.8	5409318.6	17576.59961	318.96	65.48	48.836817	-86.923389	55933.82	56244.8	5.21	55939.03	56015.50781	55954.78536	56032.99609	505621.8	5409318.6
L5620.0	505621.8	5409316.7	17576.69922	319.29	65.48	48.836800	-86.923389	55933.11	56244.8	5.21	55938.33	56015.01953	55953.63815	56032.03125	505621.8	5409316.7
L5620.0	505621.8	5409316.7	17576.80078	320.11	69.44	48.836800	-86.923389	55932.48	56244.8	5.22	55937.69	56014.58594	55953.90447	56032.48438	505621.8	5409316.7
L5620.0	505621.8	5409315.3	17576.90039	318.93	68.12	48.836788	-86.923389	55931.72	56244.8	5.22	55936.94	56014.04688	55952.56070	56031.33203	505621.8	5409315.3
L5620.0	505621.8	5409314.1	17577.00000	319.39	69.5	48.836776	-86.923389	55931.02	56244.8	5.22	55936.24	56013.56250	55952.46583	56031.43750	505621.8	5409314.1
L5620.0	505621.8	5409312.5	17577.09961	319.01	69.5	48.836762	-86.923389	55930.25	56244.8	5.22	55935.47	56013.00391	55951.48243	56030.66016	505621.8	5409312.5
L5620.0	505621.8	5409311.0	17577.19922	319.24	65.89	48.836749	-86.923390	55929.44	56244.8	5.22	55934.66	56012.41016	55950.15141	56029.54297	505621.8	5409311.0
L5620.0	505621.7	5409310.0	17577.30078	319.60	67.31	48.836739	-86.923390	55928.64	56244.8	5.21	55933.85	56011.81641	55949.19215	56028.80469	505621.7	5409310.0
L5620.0	505621.7	5409310.0	17577.40039	319.64	67.31	48.836739	-86.923390	55927.82	56244.8	5.21	55933.04	56011.22266	55948.60789	56028.44922	505621.7	5409310.0
L5620.0	505621.7	5409308.3	17577.50000	319.93	67.73	48.836724	-86.923390	55926.91	56244.8	5.21	55932.12	56010.52344	55946.44798	56026.52344	505621.7	5409308.3
L5620.0	505621.7	5409307.0	17577.59961	319.16	67.16	48.836713	-86.923390	55926.00	56244.8	5.21	55931.21	56009.83203	55944.85648	56025.17578	505621.7	5409307.0
L5620.0	505621.7	5409305.6	17577.69922	318.28	67.16	48.836700	-86.923391	55925.02	56244.8	5.21	55930.23	56009.07813	55942.43023	56023.00000	505621.7	5409305.6
L5620.0	505621.7	5409304.0	17577.80078	318.43	67.66	48.836686	-86.923391	55924.06	56244.8	5.20	55929.26	56008.33203	55940.59000	56021.41797	505621.7	5409304.0
L5620.0	505621.7	5409303.1	17577.90039	317.89	67.66	48.836677	-86.923391	55923.07	56244.8	5.20	55928.27	56007.56641	55938.81431	56019.90625	505621.7	5409303.1
L5620.0	505621.7	5409301.7	17578.00000	319.33	67.44	48.836665	-86.923391	55922.06	56244.8	5.20	55927.26	56006.78516	55937.11029	56018.47656	505621.7	5409301.7
L5620.0	505621.7	5409301.7	17578.09961	320.12	65.8	48.836665	-86.923391	55921.02	56244.8	5.20	55926.22	56005.97656	55935.31293	56016.95703	505621.7	5409301.7
L5620.0	505621.7	5409300.0	17578.19922	320.45	66.83	48.836650	-86.923391	55920.04	56244.8	5.20	55925.24	56005.22656	55934.97173	56016.90625	505621.7	5409300.0
L5620.0	505621.7	5409298.5	17578.30078	318.46	66.13	48.836637	-86.923391	55918.95	56244.8	5.21	55924.15	56004.37109	55933.17413	56015.40625	505621.7	5409298.5
L5620.0	505621.7	5409297.3	17578.40039	319.25	71.69	48.836626	-86.923391	55917.88	56244.8	5.21	55923.09	56003.54688	55932.32246	56014.85938	505621.7	5409297.3
L5620.0	505621.7	5409296.1	17578.50000	318.93	71.69	48.836614	-86.923391	55916.82	56244.8	5.21	55922.03	56002.72266	55931.90455	56014.75391	505621.7	5409296.1
L5620.0	505621.7	5409294.8	17578.59961	318.55	67.68	48.836603	-86.923391	55915.71	56244.8	5.21	55920.92	56001.85156	55931.08051	56014.25000	505621.7	5409294.8
L5620.0	505621.7	5409294.8	17578.69922	316.90	67.68	48.836603	-86.923391	55914.49	56244.8	5.21	55919.71	56000.88281	55929.02254	56012.51953	505621.7	5409294.8
L5620.0	505621.7	5409293.3	17578.80078	317.62	68.99	48.836589	-86.923391	55913.33	56244.8	5.22	55918.55	55999.96875	55928.26258	56012.09766	505621.7	5409293.3
L5620.0	505621.8	5409290.9	17578.90039	315.71	68.99	48.836568	-86.923390	55912.14	56244.8	5.22	55917.36	55999.02344	55927.46217	56011.64063	505621.8	5409290.9
L5620.0	505621.8	5409290.9	17579.00000	315.97	69.51	48.836568	-86.923390	55910.90	56244.8	5.22	55916.12	55998.02734	55926.29745	56010.82813	505621.8	5409290.9
L5620.0	505621.8	5409289.5	17579.09961	316.48	70.15	48.836555	-86.923389	55909.59	56244.8	5.22	55914.81	55996.96875	55924.44670	56009.33594	505621.8	5409289.5
L5620.0	505621.9	5409288.2	17579.19922	316.34	71.97	48.836543	-86.923388	55908.32	56244.8	5.22	55913.55	55995.96094	55923.91672	56009.17188	505621.9	5409288.2
L5620.0	505622.0	5409286.8	17579.30078	317.55	71.97	48.836531	-86.923387	55906.98	56244.8	5.22	55912.20	55994.86328	55922.38680	56008.01563	505622.0	5409286.8
L5620.0	505622.0	5409285.5	17579.40039	317.85	70.99	48.836520	-86.923386	55905.67	56244.8	5.22	55910.89	55993.80859	55922.02800	56008.03906	505622.0	5409285.5
L5620.0	505622.1	5409284.5	17579.50000	318.99	70.83	48.836510	-86.923386	55904.28	56244.8	5.23	55909.50	55992.67188	55920.85567	56007.25781	505622.1	5409284.5
L5620.0	505622.1	5409284.5	17579.59961	319.48	70.83	48.836510	-86.923386	55902.98	56244.8	5.23	55908.21	55991.64063	55921.87303	56008.67188	505622.1	5409284.5
L5620.0	505622.2	5409282.8	17579.69922	319.30	74.44	48.836495	-86.923384	55901.44	56244.8	5.23	55906.67	55990.36328	55919.26839	56006.47266	505622.2	5409282.8
L5620.0	505622.2	5409281.1	17579.80078	319.40	72.25	48.836480	-86.923384	55900.05	56244.8	5.23	55905.28	55989.23438	55919.70701	56007.32031	505622.2	5409281.1
L5620.0	505622.3	5409279.8	17579.90039	319.68	72.25	48.836468	-86.923383	55898.54	56244.8	5.23	55903.76	55987.97656	55918.53476	56006.56641	505622.3	5409279.8
L5620.0	505622.3	5409279.8	17580.00000	317.89	75.21	48.836468	-86.923383	55897.04	56244.8	5.23	55902.27	55986.75391	55918.42773	56006.88281	505622.3	5409279.8
L5620.0	505622.4	5409278.1	17580.09961	317.04	75.21	48.836453	-86.923382	55895.34	56244.8	5.23	55900.57	55985.32031	55915.38579	56004.26953	505622.4	5409278.1
L5620.0	505622.4	5409276.9	17580.19922	317.54	76.93	48.836442	-86.923382	55893.81	56244.8	5.23	55899.04	55984.05859	55915.76455	56005.08594	505622.4	5409276.9
L5620.0	505622.4	5409275.3	17580.30078	316.94	76.93	48.836428	-86.923381	55892.01	56244.8	5.23	55897.24	55982.52734	55912.21646	56001.98438	505622.4	5409275.3
L5620.0	505622.4	5409274.1	17580.40039	316.36	75.48	48.836417	-86.923381	55890.39	56244.8	5.23	55895.62	55981.17578	55912.26825	56002.48438	505622.4	5409274.1
L5620.0	505622.4	5409273.0	17580.50000	317.92	71.87	48.836406	-86.923381	55888.54	56244.8	5.23	55893.77	55979.59766	55909.08270	55999.75391	505622.4	5409273.0
L5620.0	505622.4	5409271.6	17580.59961	318.08	71.87	48.836394	-86.923381	55886.77	56244.8	5.23	55892.00	55978.10156	55907.84337	55998.97266	505622.4	5409271.6
L5620.0	505622.4	5409271.6	17580.69922	317.62	67.98	48.836394	-86.923381	55884.90	56244.8	5.23	55890.13	55976.50781	55905.56750	55997.16406	505622.4	5409271.6
L5620.0	505622.5	5409269.8	17580.80078	317.85	73.03	48.836378	-86.923381	55883.03	56244.8	5.23	55888.26	55974.91406	55898.20570	55990.27344	505622.5	5409269.8
L5620.0	505622.5	5409268.7	17580.90039	319.18	73.03	48.836368	-86.923381	55881.01	56244.8	5.23	55886.24	55973.16797	55893.67561	55986.21875	505622.5	5409268.7
L5620.0	505622.5	5409267.1	17581.00000	318.49	72.79	48.836354	-86.923381	55879.00	56244.8	5.23	55884.23	55971.43750	55890.55874	55983.57813	505622.5	5409267.1
L5620.0	505622.5	5409265.7	17581.09961	317.02	76.39	48.836341	-86.923381	55876.86	56244.8	5.23	55882.09	55969.57422	55885.13507	55978.64063	505622.5	5409265.7
L5620.0	505622.5	5409265.7	17581.19922	317.41	75.94	48.836341	-86.923381	55874.86	56244.8	5.23	55880.09	55967.85156	55884.58988	55978.58203	505622.5	5409265.7

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5620.0	505622.4	5409264.1	17581.30078	317.31	75.94	48.836326	-86.923381	55872.68	56244.8	5.23	55877.92	55965.96094	55880.69252	55975.17578	505622.4	5409264.1
L5620.0	505622.4	5409264.1	17581.40039	317.62	73.58	48.836326	-86.923381	55870.56	56244.8	5.23	55875.79	55964.10938	55879.02551	55974.00391	505622.4	5409264.1
L5620.0	505622.4	5409262.1	17581.50000	316.27	73.58	48.836309	-86.923381	55868.33	56244.8	5.24	55873.57	55962.17188	55876.14203	55971.62109	505622.4	5409262.1
L5620.0	505622.4	5409260.7	17581.59961	316.42	73.64	48.836296	-86.923381	55866.08	56244.8	5.24	55871.31	55960.19141	55873.37198	55969.35156	505622.4	5409260.7
L5620.0	505622.4	5409259.1	17581.69922	315.52	70.99	48.836282	-86.923382	55863.78	56244.8	5.24	55869.01	55958.17188	55870.71643	55967.19922	505622.4	5409259.1
L5620.0	505622.4	5409257.7	17581.80078	315.39	70.99	48.836269	-86.923382	55861.45	56244.8	5.24	55866.69	55956.12891	55868.71320	55965.69922	505622.4	5409257.7
L5620.0	505622.4	5409257.7	17581.90039	316.22	68.87	48.836269	-86.923382	55859.02	56244.8	5.24	55864.26	55953.98047	55873.72656	55971.21875	505622.4	5409257.7
L5620.0	505622.4	5409256.2	17582.00000	316.58	70.93	48.836256	-86.923382	55856.57	56244.8	5.24	55861.81	55951.80859	55870.61696	55968.61719	505622.4	5409256.2
L5620.0	505622.4	5409254.4	17582.09961	316.56	70.93	48.836240	-86.923382	55854.02	56244.8	5.24	55859.26	55949.53906	55866.50262	55965.01563	505622.4	5409254.4
L5620.0	505622.4	5409254.4	17582.19922	317.41	72.53	48.836240	-86.923382	55851.54	56244.8	5.25	55856.78	55947.33594	55864.21541	55963.23828	505622.4	5409254.4
L5620.0	505622.4	5409252.6	17582.30078	318.28	74.69	48.836224	-86.923382	55848.88	56244.8	5.25	55854.13	55944.96484	55859.72692	55959.25781	505622.4	5409252.6
L5620.0	505622.3	5409251.1	17582.40039	319.09	74.69	48.836210	-86.923383	55846.32	56244.7	5.25	55851.58	55942.68750	55857.56087	55957.60547	505622.3	5409251.1
L5620.0	505622.3	5409250.3	17582.50000	319.93	73.08	48.836203	-86.923383	55843.60	56244.7	5.25	55848.85	55940.23438	55852.98830	55953.54297	505622.3	5409250.3
L5620.0	505622.3	5409248.7	17582.59961	319.50	73.08	48.836188	-86.923384	55840.88	56244.7	5.26	55846.14	55937.79688	55849.36668	55950.42969	505622.3	5409248.7
L5620.0	505622.2	5409247.4	17582.69922	319.67	73.2	48.836177	-86.923384	55838.08	56244.7	5.26	55843.34	55935.27344	55844.81767	55946.39063	505622.2	5409247.4
L5620.0	505622.2	5409247.4	17582.80078	319.88	76.45	48.836177	-86.923384	55835.27	56244.7	5.26	55840.54	55932.74219	55840.84752	55942.92578	505622.2	5409247.4
L5620.0	505622.2	5409246.2	17582.90039	321.31	76.28	48.836166	-86.923384	55832.38	56244.7	5.27	55837.65	55930.12109	55835.90511	55938.48828	505622.2	5409246.2
L5620.0	505622.2	5409244.5	17583.00000	320.15	76.28	48.836151	-86.923385	55829.54	56244.7	5.27	55834.81	55927.55078	55832.34883	55935.43750	505622.2	5409244.5
L5620.0	505622.1	5409242.5	17583.09961	319.61	74.22	48.836132	-86.923386	55826.52	56244.7	5.27	55831.79	55924.79688	55826.23385	55929.82031	505622.1	5409242.5
L5620.0	505622.1	5409242.5	17583.19922	318.04	74.22	48.836132	-86.923386	55823.56	56244.7	5.27	55828.83	55922.10156	55821.62121	55925.70703	505622.1	5409242.5
L5620.0	505622.0	5409241.1	17583.30078	317.13	71.71	48.836120	-86.923387	55820.50	56244.7	5.27	55825.77	55919.30469	55815.75232	55920.33203	505622.0	5409241.1
L5620.0	505622.0	5409239.7	17583.40039	317.24	71.71	48.836107	-86.923388	55817.48	56244.7	5.27	55822.76	55916.55078	55811.15319	55916.22656	505622.0	5409239.7
L5620.0	505621.9	5409238.5	17583.50000	317.02	79.51	48.836096	-86.923388	55814.36	56244.7	5.28	55819.63	55913.67969	55804.88564	55910.44531	505621.9	5409238.5
L5620.0	505621.9	5409236.8	17583.59961	316.29	79.51	48.836081	-86.923389	55811.27	56244.7	5.28	55816.54	55910.84375	55799.63621	55905.67578	505621.9	5409236.8
L5620.0	505621.9	5409236.8	17583.69922	316.94	70.77	48.836081	-86.923389	55808.07	56244.7	5.28	55813.35	55907.90625	55792.97073	55899.48828	505621.9	5409236.8
L5620.0	505621.8	5409235.1	17583.80078	316.15	72.55	48.836065	-86.923390	55804.94	56244.7	5.28	55810.22	55905.02344	55787.56698	55894.55859	505621.8	5409235.1
L5620.0	505621.7	5409233.6	17583.90039	317.08	72.55	48.836053	-86.923391	55801.73	56244.7	5.28	55807.01	55902.05859	55780.98388	55888.44141	505621.7	5409233.6
L5620.0	505621.7	5409231.9	17584.00000	317.43	77.24	48.836037	-86.923392	55798.56	56244.7	5.28	55803.84	55899.12891	55775.20966	55883.12891	505621.7	5409231.9
L5620.0	505621.7	5409231.9	17584.09961	318.20	77.24	48.836037	-86.923392	55795.28	56244.7	5.28	55800.56	55896.08984	55767.61702	55875.99219	505621.7	5409231.9
L5620.0	505621.6	5409230.4	17584.19922	318.28	77.93	48.836024	-86.923392	55792.12	56244.7	5.27	55797.39	55893.15234	55761.91132	55870.73438	505621.6	5409230.4
L5620.0	505621.6	5409228.7	17584.30078	317.80	77.93	48.836009	-86.923393	55788.86	56244.7	5.27	55794.13	55890.12500	55754.59474	55863.85938	505621.6	5409228.7
L5620.0	505621.6	5409228.7	17584.40039	316.51	73.91	48.836009	-86.923393	55785.64	56244.7	5.27	55790.91	55887.13281	55747.84029	55857.53906	505621.6	5409228.7
L5620.0	505621.5	5409227.0	17584.50000	317.04	72.72	48.835993	-86.923394	55782.41	56244.7	5.26	55787.67	55884.11719	55740.54980	55850.67578	505621.5	5409227.0
L5620.0	505621.5	5409225.1	17584.59961	318.86	72.72	48.835976	-86.923395	55779.17	56244.7	5.26	55784.43	55881.09375	55733.00347	55843.54688	505621.5	5409225.1
L5620.0	505621.5	5409225.1	17584.69922	319.92	74.56	48.835976	-86.923395	55775.97	56244.7	5.26	55781.23	55878.10938	55725.85679	55836.80859	505621.5	5409225.1
L5620.0	505621.4	5409223.3	17584.80078	320.02	74.56	48.835960	-86.923395	55772.75	56244.7	5.26	55778.00	55875.08984	55717.83190	55829.18750	505621.4	5409223.3
L5620.0	505621.4	5409221.9	17584.90039	322.10	77.98	48.835948	-86.923396	55769.56	56244.7	5.25	55774.81	55872.10547	55710.12910	55821.87891	505621.4	5409221.9
L5620.0	505621.4	5409220.5	17585.00000	321.11	70.03	48.835935	-86.923396	55766.45	56244.8	5.25	55771.70	55869.19922	55703.41805	55815.55078	505621.4	5409220.5
L5620.0	505621.3	5409218.8	17585.09961	320.47	70.03	48.835919	-86.923397	55763.28	56244.7	5.25	55768.53	55866.22266	55695.14516	55807.65234	505621.3	5409218.8
L5620.0	505621.3	5409218.8	17585.19922	321.69	69.35	48.835919	-86.923397	55760.14	56244.7	5.25	55765.40	55863.28516	55687.05530	55799.92578	505621.3	5409218.8
L5620.0	505621.3	5409217.4	17585.30078	320.83	71.68	48.835906	-86.923397	55757.08	56244.7	5.26	55762.34	55860.41016	55679.64166	55792.86719	505621.3	5409217.4
L5620.0	505621.3	5409215.9	17585.40039	319.78	71.68	48.835893	-86.923397	55754.02	56244.7	5.26	55759.28	55857.53125	55671.59422	55785.16016	505621.3	5409215.9
L5620.0	505621.3	5409214.5	17585.50000	320.41	72.15	48.835880	-86.923398	55751.06	56244.7	5.26	55756.32	55854.74609	55664.65479	55778.55469	505621.3	5409214.5
L5620.0	505621.3	5409213.2	17585.59961	319.38	72.15	48.835869	-86.923398	55748.16	56244.7	5.26	55753.42	55852.01953	55658.03948	55772.26172	505621.3	5409213.2
L5620.0	505621.3	5409213.2	17585.69922	320.82	69.48	48.835869	-86.923398	55745.26	56244.7	5.26	55750.53	55849.29297	55650.78850	55765.32031	505621.3	5409213.2
L5620.0	505621.3	5409211.2	17585.80078	319.49	65.46	48.835851	-86.923398	55742.44	56244.7	5.27	55747.70	55846.62109	55643.73220	55758.56250	505621.3	5409211.2
L5620.0	505621.3	5409209.9	17585.90039	320.59	66.97	48.835839	-86.923398	55739.66	56244.7	5.27	55744.93	55844.00391	55636.79990	55751.91797	505621.3	5409209.9
L5620.0	505621.3	5409209.9	17586.00000	319.74	66.97	48.835839	-86.923398	55736.95	56244.7	5.27	55742.22	55841.44141	55629.92103	55745.31641	505621.3	5409209.9
L5620.0	505621.3	5409208.4	17586.09961	318.16	59.31	48.835826	-86.923398	55734.32	56244.7	5.27	55739.59	55838.95313	55623.37203	55739.03125	505621.3	5409208.4
L5620.0	505621.3	5409207.0	17586.19922	318.48	59.7	48.835813	-86.923398	55731.79	56244.7	5.27	55737.06	55836.55859	55617.41992	55733.32813	505621.3	5409207.0
L5620.0	505621.3	5409205.8	17586.30078	317.21	59.7	48.835802	-86.923398	55729.32	56244.7	5.27	55734.59	55834.21484	55611.28734	55727.43359	505621.3	5409205.8
L5620.0	505621.3	5409203.9	17586.40039	317.29	60.32	48.835786	-86.923398	55726.98	56244.7	5.27	55732.25	55832.00000	55606.10743	55722.48047	505621.3	5409203.9
L5620.0	505621.3	5409202.9	17586.50000	317.95	63.01	48.835776	-86.923397	55724.66	56244.7	5.27	55729.93	55829.79297	55599.91514	55716.50391	505621.3	5409202.9
L5620.0	505621.3	5409201.4	17586.59961	316.92	63.01	48.835763	-86.923397	55722.54	56244.7	5.27	55727.81	55827.78516	55595.68826	55712.47656	505621.3	5409201.4
L5620.0	505621.3	5409201.4	17586.69922	316.73	66.79	48.835763	-86.923397	55720.40	56244.7	5.27	55725.67	55825.74609	55589.61782	55706.58984	505621.3	5409201.4
L5620.0	505621.3	5409200.0	17586.80078	317.18	66.79	48.835750	-86.923397	55718.46	56244.7	5.27	55723.73	55823.90234	55585.33484	55702.48438	505621.3	5409200.0
L5620.0	505621.3	5409198.3	17586.90039	316.69	64.81	48.835735	-86.923397	55716.64	56244.7	5.27	55721.91	55822.17188	55581.41882	55698.72656	505621.3	5409198.3
L5620.0	505621.4	5409197.0	17587.00000	315.47	67.05	48.835723	-86.923397	55714.89	56244.7	5.27	55720.16	55820.50391	55576.96548	55694.42188	505621.4	5409197.0
L5620.0	505621.4	5409195.8	17587.09961	315.66	67.05	48.835712	-86.923397	55713.24	56244.7	5.27	55718.51	55818.92969	55595.86000	55713.44922	505621.4	5409195.8
L5620.0	505621.4	5409194.6	17587.19922	316.69	68.67	48.835701	-86.923396	55711.73	56244.7	5.27	55717.00	55817.49219	55592.58986	55710.29688	505621.4	5409194.6
L5620.0	505621.4	5409194.6	17587.30078	316.93	66.15	48.835701	-86.923396	55710.32	56244.7	5.27	55715.59	55816.14453	55588.83058	55706.64453	505621.4	5409194.6
L5620.0	505621.4	5409193.2	17587.40039	317.75	66.15	48.835689	-86.923396	55709.10	56244.7	5.27	55714.37	55814.97656	55586.93648	55704.83984	505621.4	5409193.2
L5620.0	505621.4	5409192.0	17587.50000	316.63	67.19	48.835678	-86.923396	55707.94	56244.7	5.28	55713.21	55813.86719	55557.38776	55675.37109	505621.4	5409192.0
L5620.0	505621.4	5409190.6	17587.59961	315.89	67.3	48.835665	-86.923396	55706.98	56244.7	5.28	55712.26	55812.95703	55555.12229	55673.16797	505621.4	5409190.6
L5620.0	505621.4	5409189.4	17587.69922	316.47	63.79	48.835654	-86.923396	55706.14	56244.7	5.28	55711.42	55812.15234	55552.77464	55670.87109	505621.4	5409189.4
L5620.0	505621.5	5409187.2	17587.80078	317.53	63.79	48.835635	-86.923395	55705.43	56244.7	5.28	55710.71	55811.46875	55550.67951	55668.81250	505621.5	5409187.2
L5620.0	505621.5	5409187.2	17587.90039	316.50	67.46	48.835635	-86.923395	55704.90	56244.7	5.28	55710.18	55810.95703	55549.69059	55667.84766	505621.5	5409187.2
L5620.0	505621.5	5409185.7	17588.00000	317.91	69.23	48.835622	-86.923395	55704.39	56244.7	5.28	55709.67	55810.46094	55547.14233	55665.30469	505621.5	5409185.7
L5620.0	505621.5	5409184.0	17588.09961	317.67	69.23	48.835607	-86.923395	55704.00	56244.7	5.28	55709.28	55810.07422	55544.72409	55662.88281	505621.5	5409184.0
L5620.0	505621.5	5409182.8	17588.19922	317.28	67.26	48.835596	-86.923395	55703.78	56244.7	5.28	55709.06	55809.85547	55543.30788	55661.44531	505621.5	5409182.8
L5620.0	505621.5	5409182.8	17588.30078	318.38	65.02	48.835596	-86.923395	55703.68	56244.7	5.28	55708.96	55809.74609	55542.07203	55660.17578	505621.5	5409182.8
L5620.0	505621.5	5409181.3	17588.40039	318.03	62.65	48.835582	-86.923395	55703.77	56244.7	5.28	55709.05	55809.82031	55542.24752	55660.30469	505621.5	5409181.3
L5620.0	505621.5	5409179.9	17588.50000	318.74	64.22	48.835570	-86.923395	55703.98	56244.7	5.28	55709.26	55810.00391	55542.66643	55660.66406	505621.5	5409179.9
L5620.0	505621.5	5409178.5	17588.59961	319.10	64.22	48.835556	-86.923395	55704.35	56244.7	5.28	55709.63	55810.34375	55544.04864	55661.97266	505621.5	5409178.5
L5620.0	505621.5	5409177.0	17588.69922	319.52	64.75	48.835544	-86.923395	55704.89	56244.7	5.28	55710.17	55810.84766	55546.60638	55664.44141	505621.5	5409177.0
L5620.0	505621.5	5409177.0	17588.80078	320.57	63.37	48.835544	-86.923395	55705.48	56244.7	5.28	55710.76	55811.39063	55548.27761	55666.01563	505621.5	5409177.0
L5620.0	505621.5	5409175.1	17588.90039	319.49	63.37	48.835526	-86.923395	55706.28	56244.7	5.28	55711.56	55812.14063	55551.88738	55669.51172	505621.5	5409175.1
L5620.0	505621.5	5409173.6	17589.00000	319.48	62.94	48.835513	-86.923395	55707.15	56244.7	5.28	55712.43	55812.94922	55555.01989	55672.51563	505621.5	5409173.6
L5620.0	505621.6	5409172.1	17589.09961	319.63	61.86	48.835499	-86.923394	55708.14	56244.7	5.28	55713.42	55813.87500	55558.58827	55675.94531	505621.6	5409172.1
L5620.0	505621.6	5409170.8	17589.19922	319.37	61.86	48.835487	-86.923394	55709.13	56244.7	5.28	55714.40	55814.78125	55560.33392	55677.53906	505621.6	5409170.8
L5620.0	505621.6	5409170.8	17589.30078	320.91	63.84	48.835487	-86.923394	55710.27	56244.7	5.28	55715.54	55815.83984	55563.29127	55680.33203	505621.6	5409170.8
L5620.0	505621.6	5409169.1	17589.40039	320.58	62.22	48.835472	-86.923394	55711.53	56244.7	5.28	55716.80	55817.01172	55566.78918	55683.65234	505621.6	5409169.1
L5620.0	505621.6	5409167.5	17589.50000	319.88	62.22	48.835458	-86.923394	55712.98	56244.7	5.27	55718.25	55818.36719	55572.09576	55688.76953	505621.6	5409167.5
L5620.0	505621.6	5409165.9	17589.59961	319.40	61.76	48.835443	-86.923394	55714.64	56244.7	5.27	55719.92	55819.93750	55579.77176	55696.24219	505621.6	5409165.9
L5620.0	505621.6	5409165.9	17589.69922	319.17	61.76	48.835443	-86.923394	55716.24	56244.7	5.27	55721.51	55821.41797	55584.51710	55700.77734	505621.6	5409165.9
L5620.0	505621.6	5409164.6	17589.80078	318.53	64.4	48.835432	-86.923395	55718.02	56244.7	5.27	55723.29	55823.08594	55591.15322	55707.18750	505621.6	5409164.6
L5620.0	505621.6	5409163.3	17589.90039	317.62	64.28	48.835420	-86.923395	55719.88	56244.7	5.27	55725.15	55824.82422	55597.76562	55713.56641	505621.6	5409163.3
L5620.0	505621.5	5409162.0	17590.00000	317.75	64.28	48.835408	-86.923395	55721.93	56244.7	5.27	55727.20	55826.74609	55606.36403	55721.91797	505621.5	5409162.0
L5620.0	505621.5	5409160.3	17590.09961	318.66	65.78	48.835393	-86.923395	55723.96	56244.7	5.27	55729.24	55828.65234	55613.45309	55728.75000	505621.5	5409160.3
L5620.0	505621.5	5409160.3	17590.19922	319.15	64.89	48.835393	-86.923395	55726.20	56244.7	5.27	55731.47	55830.73828	55622.64085	55737.66797	505621.5	5409160.3
L5620.0	505621.5	5409158.7	17590.30078	318.73	64.89	48.835379	-86.923395	55728.35	56244.7	5.27	55733.63	55832.75391	55629.36775	55744.11719	505621.5	5409158.7
L5620.0	505621.5	5409157.0	17590.40039	319.01	64.61	48.835364	-86.923395	55730.58	56244.7	5.27	55735.85	55834.82031	55636.00842	55750.47266	505621.5	5409157.0
L5620.0	505621.5	5409155.6	17590.50000	319.46	66.85	48.835351	-86.923395	55732.77	56244.7	5.28	55738.04	55836.84766	55641.02834	55755.19531	505621.5	5409155.6

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5620.0	505621.5	5409154.2	17590.59961	317.81	66.85	48.835338	-86.923395	55735.16	56244.7	5.28	55740.44	55839.08203	55648.76200	55762.62109	505621.5	5409154.2
L5620.0	505621.5	5409153.0	17590.69922	316.54	67.09	48.835327	-86.923395	55737.40	56244.7	5.28	55742.68	55841.15234	55652.69108	55766.23438	505621.5	5409153.0
L5620.0	505621.5	5409153.0	17590.80078	316.71	67.09	48.835327	-86.923395	55739.81	56244.7	5.28	55745.09	55843.38281	55658.75501	55771.97656	505621.5	5409153.0
L5620.0	505621.6	5409151.1	17590.90039	318.85	67.1	48.835310	-86.923395	55742.09	56244.7	5.28	55747.37	55845.48047	55661.67317	55774.56250	505621.6	5409151.1
L5620.0	505621.6	5409151.1	17591.00000	320.01	63.68	48.835310	-86.923395	55744.51	56244.7	5.28	55749.79	55847.71094	55666.29618	55778.84375	505621.6	5409151.1
L5620.0	505621.6	5409149.7	17591.09961	320.88	63.68	48.835297	-86.923394	55746.92	56244.7	5.28	55752.20	55849.92578	55670.00921	55782.20703	505621.6	5409149.7
L5620.0	505621.6	5409148.5	17591.19922	320.51	61.7	48.835287	-86.923394	55749.39	56244.7	5.28	55754.68	55852.20313	55674.28113	55786.12500	505621.6	5409148.5
L5620.0	505621.6	5409147.3	17591.30078	320.14	62.57	48.835276	-86.923394	55751.90	56244.7	5.28	55757.18	55854.49609	55678.27783	55789.75781	505621.6	5409147.3
L5620.0	505621.6	5409145.5	17591.40039	320.01	62.57	48.835260	-86.923394	55754.48	56244.7	5.28	55759.77	55856.87500	55683.28945	55794.40234	505621.6	5409145.5
L5620.0	505621.6	5409145.5	17591.50000	319.63	61.84	48.835260	-86.923394	55757.02	56244.7	5.28	55762.31	55859.19922	55686.89688	55797.63281	505621.6	5409145.5
L5620.0	505621.7	5409143.9	17591.59961	319.26	61.84	48.835246	-86.923393	55759.69	56244.7	5.29	55764.98	55861.64844	55692.32995	55802.68750	505621.7	5409143.9
L5620.0	505621.7	5409143.9	17591.69922	319.25	65.14	48.835246	-86.923393	55762.38	56244.7	5.29	55767.66	55864.10156	55697.52049	55807.48828	505621.7	5409143.9
L5620.0	505621.7	5409140.9	17591.80078	319.42	64.53	48.835219	-86.923393	55765.03	56244.7	5.29	55770.32	55866.52734	55701.99454	55811.57031	505621.7	5409140.9
L5620.0	505621.7	5409139.7	17591.90039	318.67	64.53	48.835208	-86.923393	55767.74	56244.7	5.29	55773.03	55869.00391	55707.03504	55816.21484	505621.7	5409139.7
L5620.0	505621.7	5409139.7	17592.00000	318.18	66.12	48.835208	-86.923393	55770.51	56244.7	5.29	55775.80	55871.53125	55712.86671	55821.64453	505621.7	5409139.7
L5620.0	505621.7	5409138.3	17592.09961	316.27	64.56	48.835195	-86.923392	55773.28	56244.7	5.29	55778.57	55874.05469	55718.48851	55826.86328	505621.7	5409138.3
L5620.0	505621.7	5409136.8	17592.19922	317.46	65.79	48.835182	-86.923392	55776.11	56244.7	5.29	55781.40	55876.63672	55725.00133	55832.96484	505621.7	5409136.8
L5620.0	505621.7	5409135.4	17592.30078	317.44	65.79	48.835169	-86.923393	55778.88	56244.7	5.29	55784.18	55879.16016	55730.52288	55838.07422	505621.7	5409135.4
L5620.0	505621.7	5409133.9	17592.40039	316.36	65.23	48.835156	-86.923393	55781.70	56244.7	5.29	55786.99	55881.71484	55736.49565	55843.63281	505621.7	5409133.9
L5620.0	505621.7	5409133.9	17592.50000	316.92	67.07	48.835156	-86.923393	55784.51	56244.7	5.29	55789.80	55884.26172	55742.43338	55849.15234	505621.7	5409133.9
L5620.0	505621.7	5409132.4	17592.59961	318.06	67.07	48.835142	-86.923393	55787.31	56244.7	5.30	55792.61	55886.80469	55748.37368	55854.67188	505621.7	5409132.4
L5620.0	505621.7	5409131.1	17592.69922	318.63	67.12	48.835131	-86.923393	55790.10	56244.7	5.30	55795.39	55889.31250	55753.82887	55859.70313	505621.7	5409131.1
L5620.0	505621.7	5409129.6	17592.80078	318.82	67.12	48.835117	-86.923393	55792.80	56244.7	5.30	55798.10	55891.75000	55758.13976	55863.58984	505621.7	5409129.6
L5620.0	505621.7	5409128.2	17592.90039	319.17	67.94	48.835104	-86.923393	55795.54	56244.7	5.30	55800.84	55894.21484	55763.07798	55868.10547	505621.7	5409128.2
L5620.0	505621.7	5409127.1	17593.00000	319.57	69.94	48.835094	-86.923393	55798.26	56244.7	5.30	55803.56	55896.65234	55767.81028	55872.41016	505621.7	5409127.1
L5620.0	505621.7	5409125.5	17593.09961	319.82	69.94	48.835080	-86.923393	55800.98	56244.7	5.30	55806.28	55899.08594	55772.71521	55876.88672	505621.7	5409125.5
L5620.0	505621.7	5409125.5	17593.19922	319.64	68.32	48.835080	-86.923393	55803.63	56244.7	5.30	55808.92	55901.44141	55776.44084	55880.18750	505621.7	5409125.5
L5620.0	505621.7	5409123.7	17593.30078	319.24	68.32	48.835064	-86.923393	55806.28	56244.7	5.30	55811.57	55903.80078	55780.57198	55883.89063	505621.7	5409123.7
L5620.0	505621.7	5409122.3	17593.40039	318.39	68.29	48.835051	-86.923393	55808.94	56244.7	5.30	55814.23	55906.16797	55785.13221	55888.02734	505621.7	5409122.3
L5620.0	505621.7	5409122.3	17593.50000	318.64	67.83	48.835051	-86.923393	55811.54	56244.7	5.30	55816.84	55908.48047	55789.11565	55891.58594	505621.7	5409122.3
L5620.0	505621.7	5409120.5	17593.59961	318.38	67.83	48.835035	-86.923393	55814.07	56244.7	5.29	55819.37	55910.71094	55792.03820	55894.08203	505621.7	5409120.5
L5620.0	505621.7	5409118.9	17593.69922	318.00	68.67	48.835021	-86.923393	55816.70	56244.7	5.29	55822.00	55913.03906	55796.98712	55898.60938	505621.7	5409118.9
L5620.0	505621.7	5409117.3	17593.80078	318.72	68.67	48.835006	-86.923393	55819.26	56244.7	5.29	55824.55	55915.28906	55800.91194	55902.11719	505621.7	5409117.3
L5620.0	505621.7	5409117.3	17593.90039	319.04	68.62	48.835006	-86.923393	55821.79	56244.7	5.29	55827.08	55917.51172	55804.84679	55905.63281	505621.7	5409117.3
L5620.0	505621.7	5409115.9	17594.00000	317.69	66.01	48.834994	-86.923394	55824.32	56244.7	5.29	55829.61	55919.73047	55809.13452	55909.50391	505621.7	5409115.9
L5620.0	505621.7	5409114.5	17594.09961	317.84	66.01	48.834981	-86.923394	55826.78	56244.7	5.29	55832.07	55921.88281	55812.61486	55912.57031	505621.7	5409114.5
L5620.0	505621.7	5409113.1	17594.19922	316.94	66.01	48.834969	-86.923394	55829.27	56244.7	5.29	55834.57	55924.07031	55811.64372	55911.19141	505621.7	5409113.1
L5620.0	505621.6	5409111.6	17594.30078	316.05	63.19	48.834955	-86.923394	55831.70	56244.7	5.30	55837.00	55926.18359	55815.08087	55914.22266	505621.6	5409111.6
L5620.0	505621.6	5409110.6	17594.40039	316.12	69.04	48.834946	-86.923395	55834.14	56244.7	5.30	55839.44	55928.30859	55819.49427	55918.23438	505621.6	5409110.6
L5620.0	505621.6	5409110.6	17594.50000	316.17	68.96	48.834946	-86.923395	55836.56	56244.7	5.30	55841.86	55930.41016	55824.09879	55922.44141	505621.6	5409110.6
L5620.0	505621.6	5409109.0	17594.59961	316.43	69.52	48.834931	-86.923395	55838.88	56244.7	5.30	55844.18	55932.41016	55826.80206	55924.75000	505621.6	5409109.0
L5620.0	505621.5	5409107.8	17594.69922	316.69	69.52	48.834920	-86.923395	55841.20	56244.7	5.30	55846.50	55934.41016	55830.27424	55927.83594	505621.5	5409107.8
L5620.0	505621.5	5409106.2	17594.80078	317.63	68.51	48.834906	-86.923396	55843.41	56244.7	5.31	55848.72	55936.30859	55831.89421	55929.07422	505621.5	5409106.2
L5620.0	505621.5	5409104.8	17594.90039	316.10	71.69	48.834894	-86.923397	55845.74	56244.7	5.31	55851.05	55938.31641	55837.21631	55934.01563	505621.5	5409104.8
L5620.0	505621.5	5409104.8	17595.00000	316.08	71.51	48.834894	-86.923397	55847.92	56244.7	5.31	55853.23	55940.16797	55839.39786	55935.82422	505621.5	5409104.8
L5620.0	505621.4	5409103.3	17595.09961	315.19	71.51	48.834880	-86.923397	55850.14	56244.7	5.31	55855.45	55942.06250	55843.46902	55939.52734	505621.4	5409103.3
L5620.0	505621.4	5409101.7	17595.19922	316.05	66.35	48.834866	-86.923398	55852.25	56244.7	5.31	55857.55	55943.83594	55845.20334	55940.90234	505621.4	5409101.7
L5620.0	505621.3	5409100.2	17595.30078	316.02	66.35	48.834852	-86.923398	55854.37	56244.7	5.31	55859.67	55945.62891	55848.32295	55943.66406	505621.3	5409100.2
L5620.0	505621.3	5409100.2	17595.40039	316.38	72.16	48.834852	-86.923398	55856.39	56244.7	5.31	55861.70	55947.33203	55849.89905	55944.89453	505621.3	5409100.2
L5620.0	505621.3	5409097.6	17595.50000	317.84	72.16	48.834829	-86.923399	55858.46	56244.7	5.31	55863.77	55949.07031	55859.35651	55954.00781	505621.3	5409097.6
L5620.0	505621.3	5409096.5	17595.59961	317.30	71.6	48.834819	-86.923399	55860.44	56244.7	5.30	55865.74	55950.71094	55861.29645	55955.61328	505621.3	5409096.5
L5620.0	505621.3	5409096.5	17595.69922	318.59	73.36	48.834819	-86.923399	55862.41	56244.7	5.30	55867.72	55952.35938	55863.90040	55957.88672	505621.3	5409096.5
L5620.0	505621.2	5409094.7	17595.80078	318.46	73.76	48.834803	-86.923400	55864.34	56244.7	5.30	55869.64	55953.94922	55865.99797	55959.66406	505621.2	5409094.7
L5620.0	505621.2	5409093.4	17595.90039	318.81	71.19	48.834792	-86.923400	55866.26	56244.7	5.30	55871.56	55955.53906	55868.60567	55961.95703	505621.2	5409093.4
L5620.0	505621.2	5409091.8	17596.00000	319.54	71.19	48.834777	-86.923400	55868.11	56244.7	5.30	55873.41	55957.05859	55870.53138	55963.57813	505621.2	5409091.8
L5620.0	505621.2	5409091.8	17596.09961	319.46	67.77	48.834777	-86.923400	55869.90	56244.7	5.30	55875.20	55958.51563	55871.93376	55964.67969	505621.2	5409091.8
L5620.0	505621.2	5409090.2	17596.19922	318.09	72.81	48.834763	-86.923401	55871.70	56244.7	5.30	55877.00	55959.98438	55874.02518	55966.48047	505621.2	5409090.2
L5620.0	505621.2	5409088.6	17596.30078	317.55	72.81	48.834748	-86.923401	55873.44	56244.7	5.30	55878.74	55961.39063	55875.58772	55967.76172	505621.2	5409088.6
L5620.0	505621.2	5409087.2	17596.40039	320.42	72.26	48.834735	-86.923401	55875.16	56244.7	5.30	55880.47	55962.78906	55877.49639	55969.39453	505621.2	5409087.2
L5620.0	505621.2	5409087.2	17596.50000	321.12	73.5	48.834735	-86.923401	55876.88	56244.7	5.31	55882.18	55964.16406	55879.57906	55971.21094	505621.2	5409087.2
L5620.0	505621.2	5409085.4	17596.59961	320.43	72.93	48.834720	-86.923401	55878.50	56244.7	5.31	55883.81	55965.46484	55880.75525	55972.12891	505621.2	5409085.4
L5620.0	505621.2	5409084.4	17596.69922	320.56	74.68	48.834711	-86.923401	55880.12	56244.7	5.31	55885.43	55966.75000	55882.27432	55973.39453	505621.2	5409084.4
L5620.0	505621.2	5409082.7	17596.80078	320.01	74.68	48.834695	-86.923401	55881.69	56244.7	5.31	55887.00	55967.98828	55883.40858	55974.28906	505621.2	5409082.7
L5620.0	505621.2	5409082.2	17596.90039	318.12	71	48.834691	-86.923401	55883.25	56244.7	5.31	55888.56	55969.21875	55884.88439	55975.53125	505621.2	5409082.2
L5620.0	505621.2	5409081.0	17597.00000	318.85	66.19	48.834680	-86.923401	55884.82	56244.7	5.31	55890.13	55970.45703	55887.07732	55977.50000	505621.2	5409081.0
L5620.0	505621.2	5409079.6	17597.09961	319.43	66.19	48.834667	-86.923401	55886.27	56244.7	5.31	55891.58	55971.57422	55887.56495	55977.77344	505621.2	5409079.6
L5620.0	505621.2	5409078.1	17597.19922	318.36	71.79	48.834654	-86.923401	55887.70	56244.7	5.31	55893.01	55972.67188	55888.19222	55978.19141	505621.2	5409078.1
L5620.0	505621.2	5409076.9	17597.30078	318.52	73.96	48.834643	-86.923401	55889.20	56244.7	5.31	55894.51	55973.83984	55890.66373	55980.46484	505621.2	5409076.9
L5620.0	505621.2	5409076.9	17597.40039	320.09	70.53	48.834643	-86.923401	55890.56	56244.7	5.31	55895.87	55974.87109	55891.00258	55980.61719	505621.2	5409076.9
L5620.0	505621.2	5409073.8	17597.50000	321.03	71.35	48.834615	-86.923401	55891.98	56244.7	5.31	55897.28	55975.94922	55892.80885	55982.24219	505621.2	5409073.8
L5620.0	505621.2	5409072.8	17597.59961	322.70	71.35	48.834606	-86.923401	55893.32	56244.7	5.30	55898.63	55976.97266	55893.97992	55983.23828	505621.2	5409072.8
L5620.0	505621.2	5409072.8	17597.69922	322.21	75.23	48.834606	-86.923401	55894.64	56244.7	5.30	55899.94	55977.95313	55894.88687	55983.98438	505621.2	5409072.8
L5620.0	505621.2	5409071.3	17597.80078	321.62	75.03	48.834593	-86.923401	55895.93	56244.7	5.30	55901.23	55978.91406	55895.90802	55984.85156	505621.2	5409071.3
L5620.0	505621.2	5409069.6	17597.90039	322.12	75.03	48.834577	-86.923400	55897.22	56244.7	5.30	55902.52	55979.87500	55897.42650	55986.22656	505621.2	5409069.6
L5620.0	505621.2	5409068.4	17598.00000	322.16	74.19	48.834566	-86.923400	55898.46	56244.7	5.30	55903.76	55980.78516	55898.46291	55987.12500	505621.2	5409068.4
L5620.0	505621.2	5409067.0	17598.09961	323.14	73.32	48.834553	-86.923400	55899.67	56244.7	5.30	55904.97	55981.66797	55899.39688	55987.92969	505621.2	5409067.0
L5620.0	505621.2	5409067.0	17598.19922	322.36	73.32	48.834553	-86.923400	55900.89	56244.7	5.31	55906.19	55982.56250	55900.99980	55989.41797	505621.2	5409067.0
L5620.0	505621.2	5409065.5	17598.30078	322.63	73.67	48.834540	-86.923401	55902.02	56244.7	5.31	55907.33	55983.37891	55901.50902	55989.81641	505621.2	5409065.5
L5620.0	505621.2	5409063.6	17598.40039	322.41	73.67	48.834523	-86.923401	55903.19	56244.7	5.31	55908.50	55984.22266	55903.05691	55991.26172	505621.2	5409063.6
L5620.0	505621.2	5409063.6	17598.50000	323.25	75.88	48.834523	-86.923401	55904.27	56244.7	5.32	55909.59	55984.98438	55903.49806	55991.60938	505621.2	5409063.6
L5620.0	505621.2	5409061.6	17598.59961	322.80	75.88	48.834505	-86.923401	55905.36	56244.7	5.32	55910.68	55985.75000	55904.37556	55992.40234	505621.2	5409061.6
L5620.0	505621.1	5409060.2	17598.69922	321.86	74.94	48.834492	-86.923401	55906.53	56244.7	5.32	55911.85	55986.59766	55907.19999	55995.15234	505621.1	5409060.2
L5620.0	505621.1	5409058.7	17598.80078	321.20	77.03	48.834479	-86.923402	55907.44	56244.7	5.32	55912.76	55987.18359	55905.47526	55993.36328	505621.1	5409058.7
L5620.0	505621.1	5409057.6	17598.90039	321.36	77.03	48.834469	-86.923402	55908.57	56244.7	5.33	55913.90	55988.00000	55908.50634	55996.33594	505621.1	5409057.6
L5620.0	505621.1	5409057.6	17599.00000	320.09	80.33	48.834469	-86.923402	55909.51	56244.7	5.33	55914.84	55988.62109	55908.15421	55995.92969	505621.1	5409057.6
L5620.0	505621.1	5409056.1	17599.09961	320.64	82.2	48.834455	-86.923402	55910.55	56244.7	5.33	55915.88	55989.33594	55910.03203	55997.76563	505621.1	5409056.1
L5620.0	505621.1	5409054.6	17599.19922	319.50	72.19	48.834442	-86.923403	55911.48	56244.7	5.33	55916.81	55989.94531	55910.23244	55997.93359	505621.1	5409054.6
L5620.0	505621.1	5409054.6	17599.30078	319.10	71.17	48.834442	-86.923403	55912.44	56244.7	5.33	55917.77	55990.58594	55911.32300	55998.99609	505621.1	5409054.6
L5620.0	505621.0	5409052.0	17599.40039	318.03	71.17	48.834419	-86.923403	55913.36	56244.7	5.33	55918.69	55991.18750	55912.01483	55999.67188	505621.0	5409052.0
L5620.0	505621.0	5409051.5	17599.50000	318.65	72.26	48.834414	-86.923403	55914.29	56244.7	5.33	55919.62	55991.79688	55913.19278	56000.83594	505621.0	5409051.5
L5620.0	505621.0	5409050.3	17599.59961	317.87	75.39	48.834403	-86.923403	55915.13	56244.7	5.33	55920.46	55992.31641	55913.08106	56000.72266	505621.0	5409050.3
L5620.0	505621.0	5409048.9	17599.69922	317.64	75.39	48.834390	-86.923404	55916.04	56244.7	5.33	55921.37	55992.90625	55914.47991	56002.12500	505621.0	5409048.9
L5620.0	505621.0	5409047.4	17599.80078	316.97	79.59	48.834377	-86.923404	55916.85	56244.7	5.33	55922.18	55993.39844	55914.41345	56002.07031	505621.0	5409047.4

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5620.0	505621.0	5409046.7	17599.90039	317.79	79.93	48.834371	-86.923404	55917.71	56244.7	5.33	55923.04	55993.94141	55915.46970	56003.14453	505621.0	5409046.7
L5620.0	505621.0	5409045.2	17600.00000	316.86	81.47	48.834358	-86.923404	55918.54	56244.7	5.33	55923.87	55994.45313	55916.25670	56003.95703	505621.0	5409045.2
L5620.0	505621.0	5409043.8	17600.09961	316.15	81.47	48.834345	-86.923404	55919.38	56244.7	5.33	55924.71	55994.97656	55917.45117	56005.18359	505621.0	5409043.8
L5620.0	505621.0	5409042.3	17600.19922	316.84	85.3	48.834332	-86.923404	55920.11	56244.7	5.33	55925.44	55995.39063	55917.00489	56004.77344	505621.0	5409042.3
L5620.0	505621.0	5409040.9	17600.30078	317.35	85.4	48.834319	-86.923404	55920.92	56244.7	5.33	55926.25	55995.88281	55918.14735	56005.96484	505621.0	5409040.9
L5620.0	505621.0	5409040.9	17600.40039	316.48	85.61	48.834319	-86.923404	55921.66	56244.7	5.33	55926.99	55996.30859	55918.31835	56006.18750	505621.0	5409040.9
L5620.0	505621.0	5409039.4	17600.50000	317.16	85.61	48.834306	-86.923404	55922.44	56244.7	5.33	55927.77	55996.77344	55919.39159	56007.31641	505621.0	5409039.4
L5620.0	505620.9	5409038.1	17600.59961	317.50	85.51	48.834294	-86.923404	55923.12	56244.7	5.33	55928.45	55997.13672	55918.96569	56006.95313	505620.9	5409038.1
L5620.0	505620.9	5409036.3	17600.69922	317.60	85.9	48.834278	-86.923405	55923.83	56244.7	5.33	55929.16	55997.53125	55919.26633	56007.32422	505620.9	5409036.3
L5620.0	505620.9	5409035.3	17600.80078	317.79	85.9	48.834269	-86.923405	55924.61	56244.7	5.33	55929.94	55997.99609	55920.99753	56009.13281	505620.9	5409035.3
L5620.0	505620.9	5409033.9	17600.90039	318.49	86.36	48.834256	-86.923405	55925.24	56244.7	5.33	55930.57	55998.31250	55920.33719	56008.55078	505620.9	5409033.9
L5620.0	505620.9	5409033.9	17601.00000	317.75	74.44	48.834256	-86.923405	55925.98	56244.7	5.33	55931.31	55998.73438	55921.81184	56010.11328	505620.9	5409033.9
L5620.0	505620.9	5409032.5	17601.09961	317.02	76.43	48.834243	-86.923405	55926.61	56244.7	5.33	55931.94	55999.05078	55921.57356	56009.96484	505620.9	5409032.5
L5620.0	505620.9	5409031.0	17601.19922	317.90	76.43	48.834230	-86.923405	55927.29	56244.7	5.33	55932.63	55999.42578	55922.60711	56011.09766	505620.9	5409031.0
L5620.0	505620.9	5409029.6	17601.30078	320.45	74.36	48.834217	-86.923405	55927.90	56244.7	5.33	55933.23	55999.71094	55922.26493	56010.85547	505620.9	5409029.6
L5620.0	505620.9	5409028.2	17601.40039	321.29	72.5	48.834204	-86.923405	55928.58	56244.7	5.33	55933.92	56000.08594	55923.73282	56012.42969	505620.9	5409028.2
L5620.0	505620.9	5409028.2	17601.50000	320.87	75.19	48.834204	-86.923405	55929.14	56244.7	5.33	55934.48	56000.33203	55923.10991	56011.91406	505620.9	5409028.2
L5620.0	505620.9	5409026.7	17601.59961	322.16	75.19	48.834191	-86.923405	55929.80	56244.7	5.34	55935.13	56000.66797	55924.29803	56013.21875	505620.9	5409026.7
L5620.0	505620.9	5409025.1	17601.69922	321.12	80.19	48.834176	-86.923405	55930.36	56244.7	5.34	55935.69	56000.91406	55924.10237	56013.14063	505620.9	5409025.1
L5620.0	505620.9	5409023.6	17601.80078	320.46	87.8	48.834163	-86.923405	55930.98	56244.7	5.34	55936.32	56001.23047	55925.35402	56014.51563	505620.9	5409023.6
L5620.0	505620.9	5409023.6	17601.90039	320.01	87.8	48.834163	-86.923405	55931.49	56244.7	5.34	55936.83	56001.42188	55924.69613	56013.98438	505620.9	5409023.6
L5620.0	505620.9	5409022.1	17602.00000	320.18	80.21	48.834150	-86.923405	55932.05	56244.7	5.34	55937.39	56001.66797	55925.12447	56014.53906	505620.9	5409022.1
L5620.0	505620.9	5409020.8	17602.09961	318.06	77.14	48.834138	-86.923405	55932.66	56244.7	5.34	55938.00	56001.96094	55926.62013	56016.16797	505620.9	5409020.8
L5620.0	505620.9	5409019.3	17602.19922	318.14	77.14	48.834125	-86.923405	55933.14	56244.7	5.34	55938.49	56002.13672	55926.22271	56015.90625	505620.9	5409019.3
L5620.0	505621.0	5409017.9	17602.30078	317.48	80.57	48.834112	-86.923405	55933.74	56244.7	5.35	55939.09	56002.42188	55927.91250	56017.73438	505621.0	5409017.9
L5620.0	505621.0	5409016.5	17602.40039	317.46	78.23	48.834099	-86.923404	55934.20	56244.7	5.35	55939.55	56002.56641	55927.38284	56017.34766	505621.0	5409016.5
L5620.0	505621.0	5409015.5	17602.50000	316.97	78.23	48.834091	-86.923404	55934.75	56244.7	5.35	55940.10	56002.79688	55928.56534	56018.67188	505621.0	5409015.5
L5620.0	505621.0	5409015.5	17602.59961	317.03	76.83	48.834091	-86.923404	55935.24	56244.6	5.35	55940.59	56002.97266	55928.89951	56019.15234	505621.0	5409015.5
L5620.0	505621.0	5409014.3	17602.69922	316.45	79.22	48.834080	-86.923404	55935.72	56244.6	5.35	55941.07	56003.13281	55929.23074	56019.63281	505621.0	5409014.3
L5620.0	505621.0	5409012.5	17602.80078	315.61	79.22	48.834063	-86.923404	55936.12	56244.6	5.36	55941.48	56003.22656	55928.55900	56019.11328	505621.0	5409012.5
L5620.0	505621.0	5409011.0	17602.90039	315.55	76.84	48.834050	-86.923404	55936.63	56244.6	5.36	55941.99	56003.41797	55929.28325	56019.98828	505621.0	5409011.0
L5620.0	505621.0	5409010.2	17603.00000	316.24	76.37	48.834043	-86.923404	55937.08	56244.6	5.36	55942.44	56003.54688	55929.41352	56020.27344	505621.0	5409010.2
L5620.0	505621.0	5409008.7	17603.09961	317.36	79.04	48.834029	-86.923404	55937.52	56244.6	5.36	55942.88	56003.66797	55929.50079	56020.51563	505621.0	5409008.7
L5620.0	505621.0	5409007.4	17603.19922	318.68	79.04	48.834018	-86.923404	55937.96	56244.6	5.36	55943.32	56003.78906	55929.80604	56020.97656	505621.0	5409007.4
L5620.0	505621.0	5409005.9	17603.30078	317.89	80.58	48.834004	-86.923404	55938.38	56244.6	5.36	55943.74	56003.89063	55929.79280	56021.12109	505621.0	5409005.9
L5620.0	505621.0	5409005.9	17603.40039	316.88	80.58	48.834004	-86.923404	55938.83	56244.6	5.36	55944.19	56004.01953	55930.78827	56022.27344	505621.0	5409005.9
L5620.0	505621.0	5409004.5	17603.50000	316.47	85.42	48.833992	-86.923404	55939.21	56244.6	5.36	55944.57	56004.07422	55930.12764	56021.77344	505621.0	5409004.5
L5620.0	505621.0	5409003.1	17603.59961	316.03	82.39	48.833979	-86.923404	55939.66	56244.6	5.36	55945.02	56004.20313	55931.54996	56023.35547	505621.0	5409003.1
L5620.0	505621.0	5409001.6	17603.69922	317.59	82.04	48.833965	-86.923404	55939.99	56244.6	5.36	55945.35	56004.21094	55931.59237	56023.55859	505621.0	5409001.6
L5620.0	505621.0	5409001.6	17603.80078	316.79	82.68	48.833965	-86.923404	55940.42	56244.6	5.36	55945.78	56004.31641	55932.55037	56024.67578	505621.0	5409001.6
L5620.0	505621.1	5408999.7	17603.90039	317.93	82.68	48.833948	-86.923404	55940.83	56244.6	5.36	55946.19	56004.40234	55933.30112	56025.58594	505621.1	5408999.7
L5620.0	505621.1	5408998.0	17604.00000	318.12	81.7	48.833933	-86.923403	55941.21	56244.6	5.36	55946.57	56004.45703	55933.67251	56026.11719	505621.1	5408998.0
L5620.0	505621.1	5408996.7	17604.09961	319.03	77.7	48.833921	-86.923403	55941.58	56244.6	5.36	55946.95	56004.51172	55934.16539	56026.77344	505621.1	5408996.7
L5620.0	505621.1	5408996.7	17604.19922	318.96	77.7	48.833921	-86.923403	55941.96	56244.6	5.37	55947.33	56004.56250	55934.78030	56027.54688	505621.1	5408996.7
L5620.0	505621.1	5408995.2	17604.30078	320.12	80.76	48.833908	-86.923403	55942.22	56244.6	5.37	55947.59	56004.49609	55933.46746	56026.39063	505621.1	5408995.2
L5620.0	505621.1	5408993.7	17604.40039	318.89	78.61	48.833895	-86.923403	55942.60	56244.6	5.37	55947.97	56004.54688	55934.31597	56027.39844	505621.1	5408993.7
L5620.0	505621.2	5408992.2	17604.50000	317.23	78.61	48.833880	-86.923402	55942.90	56244.6	5.38	55948.27	56004.51953	55933.91059	56027.15234	505621.2	5408992.2
L5620.0	505621.2	5408992.2	17604.59961	316.87	84.45	48.833880	-86.923402	55943.25	56244.6	5.38	55948.63	56004.54688	55934.64433	56028.04297	505621.2	5408992.2
L5620.0	505621.2	5408990.9	17604.69922	318.50	85.9	48.833869	-86.923402	55943.51	56244.6	5.38	55948.89	56004.47656	55933.77442	56027.32813	505621.2	5408990.9
L5620.0	505621.2	5408989.8	17604.80078	320.59	80.46	48.833859	-86.923402	55943.84	56244.6	5.38	55949.22	56004.47656	55934.20749	56027.91406	505621.2	5408989.8
L5620.0	505621.2	5408988.5	17604.90039	321.95	80.73	48.833848	-86.923401	55944.14	56244.6	5.39	55949.53	56004.45313	55934.39716	56028.25781	505621.2	5408988.5
L5620.0	505621.3	5408987.4	17605.00000	321.79	82.34	48.833837	-86.923401	55944.49	56244.6	5.39	55949.88	56004.46875	55935.35375	56029.36328	505621.3	5408987.4
L5620.0	505621.3	5408985.4	17605.09961	320.98	82.34	48.833819	-86.923400	55944.70	56244.6	5.39	55950.09	56004.34375	55934.04269	56028.20313	505621.3	5408985.4
L5620.0	505621.3	5408985.4	17605.19922	319.01	85.19	48.833819	-86.923400	55945.05	56244.6	5.39	55950.44	56004.35938	55935.15916	56029.46875	505621.3	5408985.4
L5620.0	505621.4	5408983.8	17605.30078	317.16	88.76	48.833805	-86.923400	55945.31	56244.6	5.39	55950.69	56004.26953	55933.82755	56028.28125	505621.4	5408983.8
L5620.0	505621.4	5408982.3	17605.40039	315.64	86.42	48.833792	-86.923399	55945.64	56244.6	5.39	55951.02	56004.26172	55935.40208	56030.00000	505621.4	5408982.3
L5620.0	505621.4	5408981.1	17605.50000	316.00	86.42	48.833781	-86.923399	55945.86	56244.6	5.38	55951.24	56004.14453	55934.17783	56028.91797	505621.4	5408981.1
L5620.0	505621.4	5408981.1	17605.59961	318.05	72.79	48.833781	-86.923399	55946.12	56244.6	5.38	55951.50	56004.06641	55934.10377	56028.98438	505621.4	5408981.1
L5620.0	505621.4	5408978.8	17605.69922	319.66	75.32	48.833760	-86.923399	55946.36	56244.6	5.38	55951.75	56003.97656	55933.84999	56028.86719	505621.4	5408978.8
L5620.0	505621.4	5408977.4	17605.80078	318.49	75.32	48.833747	-86.923399	55946.64	56244.6	5.38	55952.03	56003.91406	55934.41167	56029.56641	505621.4	5408977.4
L5620.0	505621.4	5408976.2	17605.90039	316.97	80.57	48.833737	-86.923399	55946.90	56244.6	5.38	55952.28	56003.82031	55934.25266	56029.53906	505621.4	5408976.2
L5620.0	505621.4	5408976.2	17606.00000	314.86	77.83	48.833737	-86.923399	55947.15	56244.6	5.38	55952.53	56003.72656	55934.11678	56029.53125	505621.4	5408976.2
L5620.0	505621.4	5408974.0	17606.09961	313.90	77.83	48.833717	-86.923399	55947.43	56244.6	5.38	55952.81	56003.66406	55934.71568	56030.25781	505621.4	5408974.0
L5620.0	505621.4	5408974.0	17606.19922	314.20	85.31	48.833717	-86.923399	55947.68	56244.6	5.38	55953.06	56003.56641	55934.56405	56030.23047	505621.4	5408974.0
L5620.0	505621.4	5408972.5	17606.30078	312.93	82.83	48.833704	-86.923400	55947.98	56244.6	5.38	55953.36	56003.51953	55935.58205	56031.37109	505621.4	5408972.5
L5620.0	505621.4	5408971.1	17606.40039	312.30	87.49	48.833691	-86.923400	55948.21	56244.6	5.38	55953.59	56003.40234	55934.86931	56030.77734	505621.4	5408971.1
L5620.0	505621.4	5408969.7	17606.50000	313.20	87.49	48.833679	-86.923400	55948.44	56244.6	5.38	55953.81	56003.27344	55933.86069	56029.88672	505621.4	5408969.7
L5620.0	505621.4	5408968.1	17606.59961	313.31	87.95	48.833664	-86.923400	55948.77	56244.6	5.37	55954.14	56003.25391	55935.40419	56031.54297	505621.4	5408968.1
L5620.0	505621.4	5408968.1	17606.69922	313.21	86.79	48.833664	-86.923400	55949.00	56244.6	5.37	55954.37	56003.13672	55934.47507	56030.72266	505621.4	5408968.1
L5620.0	505621.4	5408965.4	17606.80078	313.54	86.79	48.833640	-86.923400	55949.35	56244.6	5.37	55954.72	56003.13281	55936.33116	56032.68359	505621.4	5408965.4
L5620.0	505621.4	5408965.4	17606.90039	314.85	83.78	48.833640	-86.923400	55949.58	56244.6	5.37	55954.95	56003.01172	55935.21019	56031.66797	505621.4	5408965.4
L5620.0	505621.3	5408963.8	17607.00000	315.85	85.11	48.833625	-86.923400	55949.88	56244.6	5.37	55955.25	56002.95703	55935.68039	56032.23828	505621.3	5408963.8
L5620.0	505621.4	5408962.1	17607.09961	316.54	85.11	48.833610	-86.923400	55950.11	56244.6	5.37	55955.48	56002.83594	55934.33540	56030.98828	505621.4	5408962.1
L5620.0	505621.4	5408962.1	17607.19922	316.18	74.07	48.833610	-86.923400	55950.44	56244.6	5.37	55955.81	56002.80859	55935.34727	56032.09375	505621.4	5408962.1
L5620.0	505621.4	5408960.1	17607.30078	316.31	74.82	48.833592	-86.923400	55950.64	56244.6	5.37	55956.01	56002.65234	55933.01474	56029.85156	505621.4	5408960.1
L5620.0	505621.4	5408958.9	17607.40039	316.53	74.82	48.833582	-86.923400	55951.02	56244.6	5.37	55956.39	56002.67578	55935.10108	56032.02734	505621.4	5408958.9
L5620.0	505621.4	5408957.5	17607.50000	317.82	79.64	48.833569	-86.923400	55951.25	56244.6	5.38	55956.62	56002.55078	55933.28569	56030.29297	505621.4	5408957.5
L5620.0	505621.4	5408957.5	17607.59961	318.81	84.75	48.833569	-86.923400	55951.66	56244.6	5.38	55957.03	56002.60156	55935.99913	56033.08594	505621.4	5408957.5
L5620.0	505621.3	5408955.8	17607.69922	319.41	83.09	48.833553	-86.923400	55951.90	56244.6	5.38	55957.28	56002.49219	55934.48352	56031.64844	505621.3	5408955.8
L5620.0	505621.3	5408954.3	17607.80078	320.15	83.09	48.833540	-86.923400	55952.26	56244.6	5.38	55957.64	56002.49219	55935.74780	56032.98438	505621.3	5408954.3
L5620.0	505621.3	5408952.8	17607.90039	321.28	78.8	48.833527	-86.923401	55952.48	56244.6	5.38	55957.86	56002.35156	55933.21473	56030.51953	505621.3	5408952.8
L5620.0	505621.3	5408951.6	17608.00000	320.03	69.67	48.833516	-86.923401	55952.84	56244.6	5.38	55958.22	56002.35156	55934.30146	56031.67188	505621.3	5408951.6
L5620.0	505621.3	5408951.6	17608.09961	318.21	73.69	48.833516	-86.923401	55953.14	56244.6	5.38	55958.52	56002.28906	55933.69739	56031.12891	505621.3	5408951.6
L5620.0	505621.3	5408950.4	17608.19922	318.27	73.69	48.833505	-86.923401	55953.52	56244.6	5.38	55958.90	56002.30469	55933.03432	56030.52344	505621.3	5408950.4
L5620.0	505621.3	5408948.2	17608.30078	318.13	75.78	48.833485	-86.923401	55953.81	56244.6	5.38	55959.18	56002.22266	55932.37535	56029.92188	505621.3	5408948.2
L5620.0	505621.3	5408947.0	17608.40039	319.09	80.43	48.833474	-86.923402	55954.23	56244.6	5.38	55959.61	56002.28906	55934.17801	56031.77344	505621.3	5408947.0
L5620.0	505621.2	5408945.6	17608.50000	320.48	80.43	48.833461	-86.923402	55954.56	56244.6	5.38	55959.94	56002.25391	55934.27811	56031.92188	505621.2	5408945.6
L5620.0	505621.2	5408945.6	17608.59961	319.16	80.27	48.833461	-86.923402	55954.91	56244.6	5.38	55960.29	56002.23828	55934.66273	56032.34766	505621.2	5408945.6
L5620.0	505621.2	5408942.9	17608.69922	317.81	80.27	48.833437	-86.923402	55955.27	56244.6	5.38	55960.65	56002.23438	55935.15761	56032.88281	505621.2	5408942.9
L5620.0	505621.2	5408942.9	17608.80078	317.65	77.72	48.833437	-86.923402	55955.60	56244.6	5.38	55960.98	56002.19531	55935.09339	56032.85547	505621.2	5408942.9
L5620.0	505621.2	5408941.7	17608.90039	315.97	81.36	48.833426	-86.923402	55955.95	56244.6	5.38	55961.33	56002.17969	55935.29513	56033.08984	505621.2	5408941.7
L5620.0	505621.2	5408940.5	17609.00000	315.98	81.36	48.833416	-86.923402	55956.33	56244.6	5.38	55961.71	56002.19141	55936.86918	56034.69531	505621.2	5408940.5
L5620.0	505621.2	5408939.0	17609.09961	315.77	81.79	48.833403	-86.923402	55956.76	56244.6	5.38	55962.14	56002.25391	55938.65414	56036.50391	505621.2	5408939.0

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5620.0	505621.2	5408938.2	17609.19922	315.50	80.3	48.833395	-86.923402	55957.09	56244.6	5.38	55962.47	56002.21875	55937.61934	56035.49219	505621.2	5408938.2
L5620.0	505621.2	5408936.8	17609.30078	315.28	80.3	48.833383	-86.923402	55957.52	56244.6	5.38	55962.90	56002.28125	55939.12003	56037.01172	505621.2	5408936.8
L5620.0	505621.3	5408935.2	17609.40039	316.42	66.5	48.833368	-86.923402	55957.88	56244.6	5.38	55963.26	56002.26953	55938.59777	56036.50391	505621.3	5408935.2
L5620.0	505621.3	5408934.3	17609.50000	317.05	66.5	48.833360	-86.923401	55958.36	56244.6	5.39	55963.74	56002.38281	55941.13743	56039.05469	505621.3	5408934.3
L5620.0	505621.3	5408932.8	17609.59961	317.25	71.36	48.833347	-86.923401	55958.68	56244.6	5.39	55964.07	56002.34375	55939.49947	56037.42188	505621.3	5408932.8
L5620.0	505621.3	5408931.6	17609.69922	316.86	79.29	48.833336	-86.923401	55959.16	56244.6	5.39	55964.55	56002.45313	55940.59279	56038.51953	505621.3	5408931.6
L5620.0	505621.3	5408930.4	17609.80078	316.97	80.3	48.833325	-86.923401	55959.54	56244.6	5.39	55964.93	56002.46484	55940.38975	56038.32031	505621.3	5408930.4
L5620.0	505621.3	5408930.4	17609.90039	317.03	80.3	48.833325	-86.923401	55959.97	56244.6	5.39	55965.36	56002.52734	55940.90610	56038.83203	505621.3	5408930.4
L5620.0	505621.4	5408927.9	17610.00000	315.13	74.36	48.833302	-86.923400	55960.38	56244.6	5.39	55965.77	56002.56641	55940.97845	56038.89844	505621.4	5408927.9
L5620.0	505621.4	5408927.9	17610.09961	315.56	75.86	48.833302	-86.923400	55960.81	56244.6	5.39	55966.20	56002.62891	55941.28324	56039.19531	505621.4	5408927.9
L5620.0	505621.4	5408926.7	17610.19922	316.39	74.49	48.833291	-86.923400	55961.21	56244.6	5.39	55966.60	56002.66016	55940.97475	56038.87500	505621.4	5408926.7
L5620.0	505621.4	5408925.3	17610.30078	317.59	76.77	48.833279	-86.923400	55961.70	56244.6	5.39	55967.08	56002.77344	55941.94458	56039.83203	505621.4	5408925.3
L5620.0	505621.5	5408923.8	17610.40039	317.82	76.77	48.833265	-86.923399	55962.07	56244.6	5.39	55967.46	56002.78516	55941.09534	56038.96484	505621.5	5408923.8
L5620.0	505621.5	5408923.8	17610.50000	317.90	71.94	48.833265	-86.923399	55962.56	56244.6	5.39	55967.95	56002.90625	55942.07501	56039.92188	505621.5	5408923.8
L5620.0	505621.5	5408921.2	17610.59961	318.12	73.21	48.833242	-86.923398	55962.96	56244.6	5.39	55968.35	56002.93750	55941.39609	56039.21875	505621.5	5408921.2
L5620.0	505621.5	5408920.0	17610.69922	320.18	73.21	48.833231	-86.923398	55963.41	56244.6	5.39	55968.80	56003.02344	55941.52012	56039.31641	505621.5	5408920.0
L5620.0	505621.5	5408920.0	17610.80078	320.47	73.99	48.833231	-86.923398	55963.79	56244.6	5.39	55969.18	56003.03516	55940.31986	56038.08594	505621.5	5408920.0
L5620.0	505621.6	5408918.6	17610.90039	320.51	72.78	48.833219	-86.923398	55964.30	56244.6	5.39	55969.69	56003.17969	55941.38200	56039.11328	505621.6	5408918.6
L5620.0	505621.6	5408917.2	17611.00000	321.12	72.78	48.833206	-86.923397	55964.75	56244.6	5.39	55970.14	56003.26172	55941.31109	56039.00781	505621.6	5408917.2
L5620.0	505621.6	5408915.8	17611.09961	321.09	72.27	48.833193	-86.923397	55965.24	56244.6	5.39	55970.63	56003.38672	55941.91445	56039.57422	505621.6	5408915.8
L5620.0	505621.6	5408915.8	17611.19922	321.46	74.05	48.833193	-86.923397	55965.74	56244.6	5.39	55971.13	56003.52344	55942.65682	56040.27344	505621.6	5408915.8
L5620.0	505621.6	5408914.2	17611.30078	321.17	74.05	48.833179	-86.923397	55966.25	56244.6	5.39	55971.63	56003.66016	55943.36031	56040.93359	505621.6	5408914.2
L5620.0	505621.7	5408912.8	17611.40039	320.84	75.65	48.833167	-86.923396	55966.70	56244.6	5.39	55972.09	56003.75781	55943.29778	56040.82813	505621.7	5408912.8
L5620.0	505621.7	5408911.8	17611.50000	320.34	76.08	48.833157	-86.923396	55967.26	56244.6	5.38	55972.64	56003.94922	55944.84236	56042.32422	505621.7	5408911.8
L5620.0	505621.7	5408910.2	17611.59961	318.86	76.08	48.833143	-86.923396	55967.76	56244.6	5.38	55973.15	56004.09766	55945.62180	56043.05078	505621.7	5408910.2
L5620.0	505621.7	5408909.0	17611.69922	319.08	74.19	48.833133	-86.923396	55968.38	56244.6	5.38	55973.76	56004.34766	55948.18250	56045.55859	505621.7	5408909.0
L5620.0	505621.7	5408907.6	17611.80078	318.07	76.4	48.833120	-86.923395	55968.95	56244.6	5.38	55974.33	56004.55859	55949.97176	56047.29297	505621.7	5408907.6
L5620.0	505621.7	5408907.6	17611.90039	319.07	76.33	48.833120	-86.923395	55969.43	56244.6	5.38	55974.81	56004.68359	55950.09242	56047.35938	505621.7	5408907.6
L5620.0	505621.8	5408905.5	17612.00000	319.75	76.33	48.833101	-86.923395	55969.86	56244.6	5.38	55975.24	56004.75781	55949.28066	56046.48828	505621.8	5408905.5
L5620.0	505621.8	5408905.5	17612.09961	318.31	69.35	48.833101	-86.923395	55970.39	56244.6	5.38	55975.78	56004.94531	55950.41364	56047.55859	505621.8	5408905.5
L5620.0	505621.8	5408903.9	17612.19922	317.15	78.54	48.833087	-86.923395	55970.88	56244.6	5.38	55976.26	56005.07031	55950.43165	56047.51563	505621.8	5408903.9
L5620.0	505621.8	5408902.8	17612.30078	318.30	75.81	48.833076	-86.923394	55971.38	56244.6	5.39	55976.77	56005.23047	55950.94477	56047.96484	505621.8	5408902.8
L5620.0	505621.9	5408901.4	17612.40039	318.60	77.7	48.833064	-86.923394	55971.91	56244.6	5.39	55977.30	56005.41016	55951.76590	56048.71875	505621.9	5408901.4
L5620.0	505621.9	5408900.2	17612.50000	319.22	77.7	48.833053	-86.923394	55972.42	56244.6	5.39	55977.81	56005.57422	55952.18203	56049.07031	505621.9	5408900.2
L5620.0	505621.9	5408899.0	17612.59961	317.33	78.24	48.833043	-86.923393	55972.88	56244.6	5.39	55978.27	56005.68750	55951.66772	56048.48828	505621.9	5408899.0
L5620.0	505621.9	5408897.9	17612.69922	318.16	76.32	48.833032	-86.923393	55973.40	56244.6	5.39	55978.80	56005.87500	55952.35519	56049.10547	505621.9	5408897.9
L5620.0	505622.0	5408896.3	17612.80078	317.91	76.32	48.833018	-86.923393	55973.96	56244.6	5.40	55979.36	56006.09375	55953.54109	56050.21875	505622.0	5408896.3
L5620.0	505622.0	5408895.6	17612.90039	318.34	76.35	48.833011	-86.923392	55974.46	56244.6	5.40	55979.86	56006.25391	55953.63761	56050.24219	505622.0	5408895.6
L5620.0	505622.0	5408894.1	17613.00000	317.25	77.44	48.832998	-86.923392	55975.02	56244.6	5.40	55980.42	56006.47656	55954.78790	56051.32031	505622.0	5408894.1
L5620.0	505622.0	5408894.1	17613.09961	317.83	77.44	48.832998	-86.923392	55975.53	56244.6	5.40	55980.93	56006.64844	55955.04434	56051.50000	505622.0	5408894.1
L5620.0	505622.0	5408893.0	17613.19922	317.91	78.1	48.832989	-86.923392	55976.06	56244.6	5.40	55981.46	56006.84766	55955.66469	56052.04688	505622.0	5408893.0
L5620.0	505622.0	5408891.4	17613.30078	316.69	78.1	48.832974	-86.923392	55976.59	56244.6	5.39	55981.99	56007.04688	55956.30095	56052.60547	505622.0	5408891.4
L5620.0	505622.0	5408890.0	17613.40039	317.40	70.97	48.832961	-86.923393	55977.18	56244.6	5.39	55982.57	56007.30078	55957.85969	56054.08984	505622.0	5408890.0
L5620.0	505622.0	5408888.9	17613.50000	318.54	75.24	48.832951	-86.923393	55977.68	56244.6	5.39	55983.07	56007.47266	55958.01140	56054.16406	505622.0	5408888.9
L5620.0	505622.0	5408888.9	17613.59961	319.97	74.17	48.832951	-86.923393	55978.24	56244.6	5.39	55983.63	56007.71094	55959.27967	56055.35547	505622.0	5408888.9
L5620.0	505621.9	5408887.2	17613.69922	322.44	73.27	48.832937	-86.923393	55978.77	56244.6	5.39	55984.15	56007.91016	55959.87123	56055.86719	505621.9	5408887.2
L5620.0	505621.9	5408885.6	17613.80078	321.83	73.27	48.832922	-86.923394	55979.32	56244.6	5.38	55984.71	56008.15625	55961.22825	56057.14453	505621.9	5408885.6
L5620.0	505621.9	5408884.7	17613.90039	321.17	69.3	48.832914	-86.923394	55979.86	56244.6	5.38	55985.24	56008.37109	55962.09600	56057.93359	505621.9	5408884.7
L5620.0	505621.8	5408883.3	17614.00000	321.89	71.98	48.832901	-86.923395	55980.41	56244.6	5.38	55985.79	56008.61328	55963.37092	56059.13281	505621.8	5408883.3
L5620.0	505621.8	5408883.3	17614.09961	320.88	71.98	48.832901	-86.923395	55980.92	56244.6	5.38	55986.30	56008.81250	55963.98764	56059.66797	505621.8	5408883.3
L5620.0	505621.8	5408881.7	17614.19922	320.15	68.06	48.832887	-86.923395	55981.47	56244.6	5.39	55986.86	56009.07031	55965.53869	56061.14063	505621.8	5408881.7
L5620.0	505621.7	5408880.5	17614.30078	318.85	68.06	48.832876	-86.923396	55981.98	56244.6	5.39	55987.37	56009.28125	55966.26489	56061.78906	505621.7	5408880.5
L5620.0	505621.7	5408879.3	17614.40039	318.40	72.39	48.832866	-86.923396	55982.48	56244.6	5.40	55987.88	56009.49219	55967.05088	56062.49609	505621.7	5408879.3
L5620.0	505621.7	5408878.1	17614.50000	318.08	71.44	48.832854	-86.923397	55983.02	56244.6	5.40	55988.42	56009.73828	55968.40180	56063.76953	505621.7	5408878.1
L5620.0	505621.6	5408876.7	17614.59961	316.29	72.25	48.832842	-86.923398	55983.60	56244.6	5.40	55989.01	56010.03906	55970.62268	56065.91406	505621.6	5408876.7
L5620.0	505621.6	5408875.3	17614.69922	315.86	72.25	48.832830	-86.923398	55984.08	56244.6	5.41	55989.49	56010.23438	55970.44364	56065.66016	505621.6	5408875.3
L5620.0	505621.5	5408873.9	17614.80078	317.21	73.33	48.832817	-86.923399	55984.64	56244.6	5.41	55990.05	56010.51563	55972.48087	56067.62109	505621.5	5408873.9
L5620.0	505621.5	5408873.0	17614.90039	317.18	72.71	48.832808	-86.923400	55985.12	56244.6	5.42	55990.54	56010.72656	55972.72190	56067.78906	505621.5	5408873.0
L5620.0	505621.4	5408871.6	17615.00000	315.59	65.39	48.832796	-86.923401	55985.63	56244.6	5.42	55991.04	56010.95313	55973.29679	56068.28906	505621.4	5408871.6
L5620.0	505621.4	5408871.6	17615.09961	315.88	70.14	48.832796	-86.923401	55986.16	56244.6	5.42	55991.57	56011.21484	55974.69496	56069.61328	505621.4	5408871.6
L5620.0	505621.3	5408869.0	17615.19922	316.79	69.4	48.832773	-86.923402	55986.66	56244.6	5.42	55992.08	56011.46094	55975.63330	56070.48047	505621.3	5408869.0
L5620.0	505621.3	5408869.0	17615.30078	314.39	69.14	48.832773	-86.923402	55987.14	56244.6	5.41	55992.56	56011.67969	55975.88129	56070.65625	505621.3	5408869.0
L5620.0	505621.3	5408867.6	17615.40039	314.17	69.14	48.832760	-86.923403	55987.67	56244.6	5.41	55993.08	56011.94531	55977.16850	56071.87500	505621.3	5408867.6
L5620.0	505621.2	5408866.7	17615.50000	314.14	69.81	48.832752	-86.923403	55988.16	56244.6	5.41	55993.57	56012.18359	55977.76919	56072.40625	505621.2	5408866.7
L5620.0	505621.2	5408865.3	17615.59961	314.09	70.86	48.832740	-86.923404	55988.63	56244.6	5.41	55994.04	56012.41016	55977.94319	56072.51563	505621.2	5408865.3
L5620.0	505621.1	5408864.2	17615.69922	313.78	70.86	48.832729	-86.923404	55989.12	56244.6	5.41	55994.52	56012.64844	55978.41960	56072.92578	505621.1	5408864.2
L5620.0	505621.1	5408862.7	17615.80078	313.00	66.75	48.832716	-86.923405	55989.62	56244.6	5.40	55995.03	56012.92188	55979.67867	56074.12109	505621.1	5408862.7
L5620.0	505621.1	5408861.4	17615.90039	313.31	70.02	48.832704	-86.923406	55990.07	56244.6	5.40	55995.48	56013.14063	55979.56230	56073.94141	505621.1	5408861.4
L5620.0	505621.0	5408860.4	17616.00000	314.51	70.02	48.832696	-86.923406	55990.54	56244.6	5.40	55995.94	56013.37891	55979.75581	56074.07422	505621.0	5408860.4
L5620.0	505621.0	5408860.4	17616.09961	315.67	72.05	48.832696	-86.923406	55990.98	56244.6	5.40	55996.38	56013.59766	55979.53875	56073.80078	505621.0	5408860.4
L5620.0	505620.9	5408857.7	17616.19922	315.36	73.1	48.832671	-86.923407	55991.49	56244.6	5.40	55996.89	56013.89453	55981.10937	56075.31250	505620.9	5408857.7
L5620.0	505620.9	5408857.7	17616.30078	316.27	73.32	48.832671	-86.923407	55991.92	56244.6	5.40	55997.33	56014.12500	55981.06499	56075.21484	505620.9	5408857.7
L5620.0	505620.9	5408856.5	17616.40039	317.30	73.3	48.832660	-86.923407	55992.38	56244.6	5.40	55997.78	56014.37109	55981.36431	56075.46094	505620.9	5408856.5
L5620.0	505620.9	5408855.1	17616.50000	318.06	73.72	48.832647	-86.923408	55992.81	56244.6	5.40	55998.21	56014.60547	55981.26867	56075.31641	505620.9	5408855.1
L5620.0	505620.9	5408855.1	17616.59961	317.47	73.72	48.832647	-86.923408	55993.24	56244.6	5.41	55998.64	56014.84375	55981.28318	56075.28125	505620.9	5408855.1
L5620.0	505620.8	5408853.4	17616.69922	316.81	74.38	48.832632	-86.923408	55993.72	56244.6	5.41	55999.13	56015.14844	55982.97207	56076.92578	505620.8	5408853.4
L5620.0	505620.8	5408852.0	17616.80078	316.42	73.78	48.832620	-86.923409	55994.13	56244.6	5.41	55999.53	56015.37109	55982.47961	56076.39063	505620.8	5408852.0
L5620.0	505620.8	5408850.8	17616.90039	316.41	71.89	48.832609	-86.923409	55994.50	56244.6	5.41	55999.91	56015.57813	55981.58587	56075.45313	505620.8	5408850.8
L5620.0	505620.8	5408849.8	17617.00000	316.03	71.89	48.832600	-86.923409	55994.98	56244.6	5.41	56000.39	56015.89063	55983.50031	56077.33203	505620.8	5408849.8
L5620.0	505620.8	5408848.6	17617.09961	316.64	75.01	48.832589	-86.923410	55995.36	56244.6	5.41	56000.77	56016.10938	55983.22530	56077.01953	505620.8	5408848.6
L5620.0	505620.8	5408847.2	17617.19922	316.99	75.01	48.832577	-86.923410	55995.76	56244.6	5.41	56001.17	56016.35547	55983.24553	56077.00391	505620.8	5408847.2
L5620.0	505620.7	5408846.0	17617.30078	318.63	74.61	48.832566	-86.923410	55996.22	56244.6	5.41	56001.63	56016.67188	55984.39866	56078.12891	505620.7	5408846.0
L5620.0	505620.7	5408844.1	17617.40039	319.72	72.54	48.832549	-86.923410	55996.63	56244.6	5.41	56002.04	56016.94141	55984.83975	56078.53906	505620.7	5408844.1
L5620.0	505620.7	5408844.1	17617.50000	319.45	75.11	48.832549	-86.923410	55996.98	56244.6	5.41	56002.39	56017.15625	55984.38446	56078.05859	505620.7	5408844.1
L5620.0	505620.7	5408842.6	17617.59961	319.46	75.11	48.832535	-86.923411	55997.46	56244.6	5.41	56002.87	56017.51172	55986.29849	56079.94922	505620.7	5408842.6
L5620.0	505620.7	5408841.3	17617.69922	319.47	75.55	48.832523	-86.923411	55997.76	56244.6	5.41	56003.17	56017.69141	55985.24335	56078.87500	505620.7	5408841.3
L5620.0	505620.7	5408840.3	17617.80078	319.98	68.86	48.832514	-86.923411	55998.17	56244.6	5.41	56003.58	56017.98828	55986.22748	56079.83984	505620.7	5408840.3
L5620.0	505620.7	5408839.1	17617.90039	320.90	68.86	48.832503	-86.923411	55998.52	56244.6	5.41	56003.93	56018.23438	55986.30988	56079.91016	505620.7	5408839.1
L5620.0	505620.7	5408837.5	17618.00000	319.35	71.97	48.832489	-86.923411	55998.88	56244.6	5.41	56004.29	56018.49609	55986.70619	56080.29297	505620.7	5408837.5
L5620.0	505620.7	5408835.8	17618.09961	318.31	76.61	48.832474	-86.923411	55999.18	56244.6	5.41	56004.59	56018.70703	55986.20005	56079.77734	505620.7	5408835.8
L5620.0	505620.7	5408835.8	17618.19922	317.75	75.63	48.832474	-86.923411	55999.58	56244.6	5.40	56004.99	56019.02344	55987.57542	56081.14844	505620.7	5408835.8
L5620.0	505620.7	5408834.3	17618.30078	318.77	75.63	48.832461	-86.923411	55999.84	56244.6	5.40	56005.24	56019.19531	55986.48788	56080.05469	505620.7	5408834.3
L5620.0	505620.7	5408833.4	17618.40039	318.59	76.62	48.832452	-86.923411	56000.27	56244.6	5.40	56005.66	56019.55078	55988.49026	56082.05859	505620.7	5408833.4

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5620.0	505620.7	5408832.0	17618.50000	317.82	76.72	48.832440	-86.923411	56000.55	56244.6	5.40	56005.94	56019.76953	55988.20900	56081.78125	505620.7	5408832.0
L5620.0	505620.7	5408830.5	17618.59961	317.56	76.6	48.832426	-86.923411	56000.85	56244.6	5.39	56006.24	56020.01563	55988.41441	56081.99219	505620.7	5408830.5
L5620.0	505620.7	5408830.5	17618.69922	317.81	77.81	48.832426	-86.923411	56001.20	56244.6	5.39	56006.59	56020.32031	55989.61161	56083.19531	505620.7	5408830.5
L5620.0	505620.7	5408828.4	17618.80078	318.15	77.81	48.832407	-86.923411	56001.51	56244.6	5.39	56006.90	56020.59375	55990.25214	56083.84766	505620.7	5408828.4
L5620.0	505620.7	5408827.0	17618.90039	319.12	77.72	48.832394	-86.923411	56001.78	56244.6	5.38	56007.16	56020.82422	55990.17108	56083.78125	505620.7	5408827.0
L5620.0	505620.7	5408827.0	17619.00000	319.51	75.92	48.832394	-86.923411	56002.09	56244.6	5.38	56007.47	56021.11328	55991.05824	56084.68750	505620.7	5408827.0
L5620.0	505620.7	5408825.4	17619.09961	318.54	78.17	48.832380	-86.923411	56002.32	56244.6	5.38	56007.70	56021.32813	55990.71805	56084.36719	505620.7	5408825.4
L5620.0	505620.7	5408823.9	17619.19922	317.67	70.97	48.832367	-86.923411	56002.67	56244.6	5.39	56008.06	56021.68359	55992.65927	56086.33203	505620.7	5408823.9
L5620.0	505620.7	5408822.9	17619.30078	317.88	70.97	48.832358	-86.923411	56002.85	56244.6	5.39	56008.24	56021.86719	55991.71277	56085.41406	505620.7	5408822.9
L5620.0	505620.7	5408822.0	17619.40039	317.57	71.87	48.832350	-86.923411	56003.18	56244.6	5.39	56008.57	56022.20703	55992.27752	56086.00781	505620.7	5408822.0
L5620.0	505620.7	5408820.5	17619.50000	317.94	76.67	48.832336	-86.923410	56003.45	56244.6	5.39	56008.85	56022.50781	55993.19650	56086.95703	505620.7	5408820.5
L5620.0	505620.8	5408819.1	17619.59961	318.21	76.67	48.832323	-86.923410	56003.66	56244.6	5.40	56009.06	56022.74219	55992.42872	56086.22656	505620.8	5408819.1
L5620.0	505620.8	5408817.5	17619.69922	317.16	75.46	48.832309	-86.923410	56003.94	56244.6	5.40	56009.34	56023.05859	55993.68699	56087.52344	505620.8	5408817.5
L5620.0	505620.8	5408817.5	17619.80078	316.65	77.78	48.832309	-86.923410	56004.12	56244.6	5.40	56009.52	56023.28125	55992.48485	56086.36328	505620.8	5408817.5
L5620.0	505620.8	5408816.1	17619.90039	316.54	81.13	48.832296	-86.923410	56004.39	56244.6	5.41	56009.80	56023.61328	55994.07371	56087.99609	505620.8	5408816.1
L5620.0	505620.8	5408814.6	17620.00000	316.29	81.13	48.832284	-86.923409	56004.59	56244.6	5.41	56010.00	56023.87500	55993.73815	56087.70703	505620.8	5408814.6
L5620.0	505620.8	5408812.5	17620.09961	314.88	80.78	48.832264	-86.923409	56004.82	56244.6	5.41	56010.24	56024.18359	55994.60563	56088.62500	505620.8	5408812.5
L5620.0	505620.8	5408812.5	17620.19922	315.19	78.28	48.832264	-86.923409	56005.02	56244.6	5.41	56010.44	56024.46094	55994.59674	56088.66797	505620.8	5408812.5
L5620.0	505620.9	5408811.2	17620.30078	315.84	75.31	48.832253	-86.923409	56005.23	56244.6	5.41	56010.64	56024.74609	55994.74567	56088.87109	505620.9	5408811.2
L5620.0	505620.9	5408809.8	17620.40039	316.19	75.31	48.832240	-86.923409	56005.43	56244.6	5.41	56010.84	56025.03906	55995.04590	56089.23047	505620.9	5408809.8
L5620.0	505620.9	5408809.8	17620.50000	316.61	81.02	48.832240	-86.923409	56005.63	56244.6	5.42	56011.05	56025.34766	55995.75053	56089.99609	505620.9	5408809.8
L5620.0	505620.9	5408808.1	17620.59961	316.14	81.02	48.832225	-86.923408	56005.81	56244.6	5.42	56011.22	56025.62891	55995.57699	56089.88672	505620.9	5408808.1
L5620.0	505620.9	5408806.7	17620.69922	314.92	82.16	48.832212	-86.923408	56005.98	56244.6	5.42	56011.40	56025.92578	55995.80159	56090.17578	505620.9	5408806.7
L5620.0	505620.9	5408805.2	17620.80078	316.04	81.95	48.832199	-86.923408	56006.19	56244.6	5.42	56011.61	56026.26172	55996.92834	56091.37109	505620.9	5408805.2
L5620.0	505621.0	5408803.8	17620.90039	315.71	81.95	48.832186	-86.923408	56006.34	56244.6	5.42	56011.76	56026.54688	55996.65667	56091.17188	505621.0	5408803.8
L5620.0	505621.0	5408803.8	17621.00000	315.66	82.31	48.832186	-86.923408	56006.54	56244.6	5.42	56011.96	56026.89063	55997.78711	56092.37500	505621.0	5408803.8
L5620.0	505621.0	5408801.9	17621.09961	315.78	82.46	48.832169	-86.923407	56006.67	56244.6	5.42	56012.09	56027.16797	55997.25423	56091.91797	505621.0	5408801.9
L5620.0	505621.0	5408800.6	17621.19922	316.61	82.46	48.832157	-86.923407	56006.80	56244.6	5.42	56012.22	56027.45703	55996.83612	56091.57813	505621.0	5408800.6
L5620.0	505621.0	5408799.0	17621.30078	316.09	82.5	48.832143	-86.923407	56006.94	56244.6	5.43	56012.37	56027.77344	55997.03663	56091.85938	505621.0	5408799.0
L5620.0	505621.0	5408799.0	17621.40039	317.23	75.11	48.832143	-86.923407	56007.07	56244.6	5.43	56012.50	56028.07813	55996.82880	56091.73438	505621.0	5408799.0
L5620.0	505621.0	5408797.1	17621.50000	317.57	75.11	48.832126	-86.923407	56007.20	56244.6	5.43	56012.63	56028.39063	55996.71636	56091.70703	505621.0	5408797.1
L5620.0	505621.0	5408795.6	17621.59961	318.21	79.43	48.832113	-86.923408	56007.32	56244.6	5.43	56012.76	56028.71094	55996.69293	56091.76953	505621.0	5408795.6
L5620.0	505620.9	5408794.2	17621.69922	319.63	82.84	48.832100	-86.923408	56007.40	56244.6	5.43	56012.84	56028.98828	55995.46915	56090.63281	505620.9	5408794.2
L5620.0	505620.9	5408794.2	17621.80078	317.21	82.84	48.832100	-86.923408	56007.45	56244.6	5.44	56012.89	56029.24609	55993.54656	56088.80078	505620.9	5408794.2
L5620.0	505620.9	5408792.5	17621.90039	316.94	83.14	48.832085	-86.923408	56007.63	56244.6	5.44	56013.07	56029.63672	55995.03451	56090.38281	505620.9	5408792.5
L5620.0	505620.9	5408791.2	17622.00000	316.33	83.14	48.832073	-86.923409	56007.73	56244.6	5.44	56013.17	56029.95703	55994.52736	56089.96875	505620.9	5408791.2
L5620.0	505620.8	5408789.5	17622.09961	315.38	83.63	48.832058	-86.923410	56007.86	56244.6	5.44	56013.30	56030.31641	55994.84922	56090.38672	505620.8	5408789.5
L5620.0	505620.8	5408787.8	17622.19922	315.53	84.61	48.832043	-86.923410	56007.93	56244.6	5.44	56013.37	56030.62109	55993.66867	56089.30469	505620.8	5408787.8
L5620.0	505620.8	5408787.8	17622.30078	316.46	84.61	48.832043	-86.923410	56008.04	56244.6	5.43	56013.47	56030.96484	55993.30321	56089.03906	505620.8	5408787.8
L5620.0	505620.7	5408786.3	17622.40039	316.70	75.94	48.832029	-86.923411	56008.16	56244.6	5.43	56013.59	56031.33594	55993.49008	56089.32813	505620.7	5408786.3
L5620.0	505620.7	5408784.9	17622.50000	315.35	74.62	48.832016	-86.923411	56008.34	56244.6	5.43	56013.77	56031.77344	55995.26428	56091.20313	505620.7	5408784.9
L5620.0	505620.7	5408783.5	17622.59961	314.06	74.62	48.832004	-86.923412	56008.36	56244.6	5.43	56013.79	56032.05469	55992.90140	56088.94531	505620.7	5408783.5
L5620.0	505620.6	5408782.1	17622.69922	315.53	74.62	48.831991	-86.923412	56008.52	56244.6	5.43	56013.94	56032.47656	55993.93361	56090.08203	505620.6	5408782.1
L5620.0	505620.6	5408782.1	17622.80078	315.96	76.35	48.831991	-86.923412	56008.62	56244.6	5.42	56014.04	56032.85156	55993.67216	56089.92578	505620.6	5408782.1
L5620.0	505620.6	5408780.6	17622.90039	316.95	76.35	48.831978	-86.923413	56008.72	56244.6	5.42	56014.14	56033.23828	55993.41265	56089.77344	505620.6	5408780.6
L5620.0	505620.6	5408779.6	17623.00000	316.96	77.19	48.831969	-86.923413	56008.77	56244.6	5.42	56014.19	56033.57813	55991.83877	56088.30859	505620.6	5408779.6
L5620.0	505620.6	5408778.0	17623.09961	317.42	77.19	48.831954	-86.923413	56008.97	56244.6	5.42	56014.39	56034.07422	55994.19359	56090.77344	505620.6	5408778.0
L5620.0	505620.6	5408776.6	17623.19922	316.90	75.97	48.831942	-86.923413	56008.99	56244.6	5.42	56014.41	56034.39453	55991.80619	56088.49219	505620.6	5408776.6
L5620.0	505620.5	5408775.4	17623.30078	317.00	75.94	48.831931	-86.923414	56009.22	56244.6	5.41	56014.64	56034.93359	55994.94272	56091.74219	505620.5	5408775.4
L5620.0	505620.5	5408775.4	17623.40039	317.67	75.73	48.831931	-86.923414	56009.27	56244.6	5.41	56014.68	56035.28906	55993.04269	56089.95313	505620.5	5408775.4
L5620.0	505620.5	5408773.8	17623.50000	316.69	77.76	48.831916	-86.923414	56009.50	56244.6	5.41	56014.91	56035.83594	55996.16832	56093.18750	505620.5	5408773.8
L5620.0	505620.5	5408772.8	17623.59961	317.83	74.96	48.831907	-86.923414	56009.55	56244.6	5.41	56014.96	56036.21094	55994.49290	56091.62500	505620.5	5408772.8
L5620.0	505620.5	5408771.4	17623.69922	316.83	74.96	48.831895	-86.923414	56009.75	56244.6	5.41	56015.16	56036.74219	55996.80799	56094.05078	505620.5	5408771.4
L5620.0	505620.5	5408770.0	17623.80078	315.74	77.03	48.831882	-86.923414	56009.81	56244.6	5.40	56015.21	56037.12891	55995.08674	56092.44141	505620.5	5408770.0
L5620.0	505620.5	5408768.4	17623.90039	317.45	89.66	48.831868	-86.923415	56009.98	56244.6	5.40	56015.38	56037.63672	55993.53418	56091.00000	505620.5	5408768.4
L5620.0	505620.5	5408767.4	17624.00000	316.92	89.66	48.831858	-86.923415	56010.06	56244.6	5.40	56015.46	56038.06250	55993.15298	56090.73047	505620.5	5408767.4
L5620.0	505620.5	5408767.4	17624.09961	316.50	89.52	48.831858	-86.923415	56010.21	56244.6	5.40	56015.61	56038.56250	55993.94891	56091.64063	505620.5	5408767.4
L5620.0	505620.5	5408765.8	17624.19922	317.81	89.52	48.831844	-86.923414	56010.28	56244.6	5.40	56015.69	56038.99609	55993.58051	56091.38281	505620.5	5408765.8
L5620.0	505620.5	5408764.4	17624.30078	318.15	89.94	48.831832	-86.923414	56010.44	56244.6	5.41	56015.84	56039.50391	55994.38942	56092.30469	505620.5	5408764.4
L5620.0	505620.5	5408763.0	17624.40039	318.44	90.17	48.831819	-86.923414	56010.54	56244.6	5.41	56015.95	56039.97656	55994.52398	56092.55078	505620.5	5408763.0
L5620.0	505620.5	5408761.9	17624.50000	318.68	90.17	48.831809	-86.923414	56010.64	56244.6	5.41	56016.05	56040.44141	55994.48208	56092.61719	505620.5	5408761.9
L5620.0	505620.5	5408760.5	17624.59961	317.70	89.65	48.831796	-86.923414	56010.74	56244.6	5.41	56016.15	56040.91406	55994.42840	56092.67578	505620.5	5408760.5
L5620.0	505620.5	5408760.5	17624.69922	317.53	89.87	48.831796	-86.923414	56010.84	56244.6	5.41	56016.26	56041.39453	55994.53057	56092.88672	505620.5	5408760.5
L5620.0	505620.6	5408758.9	17624.80078	318.03	89.87	48.831782	-86.923414	56010.99	56244.6	5.42	56016.41	56041.92188	55995.30403	56093.76953	505620.6	5408758.9
L5620.0	505620.6	5408757.6	17624.90039	318.70	86.42	48.831771	-86.923413	56011.09	56244.6	5.42	56016.51	56042.39844	55995.19877	56093.77344	505620.6	5408757.6
L5620.0	505620.6	5408757.6	17625.00000	318.21	85.57	48.831771	-86.923413	56011.22	56244.6	5.42	56016.64	56042.91016	55995.58800	56094.26953	505620.6	5408757.6
L5620.0	505620.6	5408756.2	17625.09961	317.93	85.57	48.831758	-86.923413	56011.30	56244.6	5.42	56016.72	56043.37500	55995.07992	56093.86719	505620.6	5408756.2
L5620.0	505620.6	5408754.8	17625.19922	315.86	86.9	48.831745	-86.923413	56011.40	56244.6	5.43	56016.82	56043.86328	55994.88402	56093.77734	505620.6	5408754.8
L5620.0	505620.6	5408753.4	17625.30078	316.35	88.82	48.831733	-86.923413	56011.50	56244.6	5.43	56016.93	56044.36328	55994.82417	56093.82031	505620.6	5408753.4
L5620.0	505620.6	5408752.0	17625.40039	317.54	90.47	48.831720	-86.923413	56011.66	56244.6	5.43	56017.09	56044.91016	55995.59886	56094.69922	505620.6	5408752.0
L5620.0	505620.6	5408750.4	17625.50000	317.62	90.47	48.831706	-86.923413	56011.75	56244.6	5.43	56017.19	56045.40234	55995.28104	56094.48438	505620.6	5408750.4
L5620.0	505620.6	5408750.4	17625.59961	319.34	87.08	48.831706	-86.923413	56011.93	56244.6	5.44	56017.37	56045.97656	55996.31643	56095.61719	505620.6	5408750.4
L5620.0	505620.6	5408748.7	17625.69922	321.04	87.08	48.831691	-86.923413	56012.03	56244.6	5.44	56017.47	56046.47266	55995.89346	56095.29688	505620.6	5408748.7
L5620.0	505620.6	5408747.3	17625.80078	320.54	89.37	48.831678	-86.923413	56012.23	56244.6	5.44	56017.68	56047.07813	55997.33984	56096.83984	505620.6	5408747.3
L5620.0	505620.6	5408745.9	17625.90039	319.46	88.53	48.831665	-86.923413	56012.39	56244.6	5.45	56017.83	56047.62500	55997.66761	56097.26563	505620.6	5408745.9
L5620.0	505620.6	5408745.9	17626.00000	318.20	88.53	48.831665	-86.923413	56012.56	56244.6	5.45	56018.01	56048.20313	55998.45031	56098.14063	505620.6	5408745.9
L5620.0	505620.6	5408744.2	17626.09961	319.25	87.21	48.831650	-86.923413	56012.66	56244.6	5.45	56018.11	56048.69922	55997.75282	56097.53906	505620.6	5408744.2
L5620.0	505620.6	5408742.8	17626.19922	319.98	87.41	48.831637	-86.923413	56012.82	56244.6	5.44	56018.26	56049.24609	55997.86542	56097.74219	505620.6	5408742.8
L5620.0	505620.6	5408742.8	17626.30078	317.78	87.41	48.831637	-86.923413	56012.96	56244.6	5.44	56018.40	56049.78516	55997.73693	56097.70313	505620.6	5408742.8
L5620.0	505620.7	5408741.4	17626.40039	318.21	87.03	48.831625	-86.923413	56013.14	56244.6	5.43	56018.58	56050.35938	55998.25816	56098.31250	505620.7	5408741.4
L5620.0	505620.7	5408738.8	17626.50000	315.77	87.03	48.831601	-86.923412	56013.27	56244.6	5.43	56018.70	56050.87891	55997.66408	56097.80469	505620.7	5408738.8
L5620.0	505620.7	5408738.8	17626.59961	314.81	81.08	48.831601	-86.923412	56013.40	56244.6	5.43	56018.82	56051.39063	55997.02378	56097.25000	505620.7	5408738.8
L5620.0	505620.7	5408737.4	17626.69922	315.73	82.82	48.831588	-86.923412	56013.57	56244.6	5.42	56019.00	56051.96484	55997.41620	56097.72656	505620.7	5408737.4
L5620.0	505620.7	5408735.7	17626.80078	316.98	85.24	48.831574	-86.923412	56013.72	56244.6	5.42	56019.14	56052.50000	55997.06922	56097.45703	505620.7	5408735.7
L5620.0	505620.7	5408734.3	17626.90039	319.25	85.24	48.831561	-86.923412	56013.90	56244.6	5.41	56019.32	56053.07031	55997.42048	56097.88672	505620.7	5408734.3
L5620.0	505620.7	5408734.3	17627.00000	318.99	82.07	48.831561	-86.923412	56014.03	56244.6	5.41	56019.44	56053.58203	55996.69198	56097.23438	505620.7	5408734.3
L5620.0	505620.7	5408732.9	17627.09961	318.76	86.07	48.831548	-86.923412	56014.21	56244.6	5.41	56019.62	56054.14844	55997.04200	56097.66016	505620.7	5408732.9
L5620.0	505620.7	5408730.4	17627.19922	319.60	86.07	48.831526	-86.923412	56014.38	56244.6	5.41	56019.80	56054.71484	55997.40647	56098.09766	505620.7	5408730.4
L5620.0	505620.7	5408730.4	17627.30078	319.50	86.47	48.831526	-86.923412	56014.56	56244.6	5.42	56019.98	56055.27734	55997.79147	56098.55078	505620.7	5408730.4
L5620.0	505620.7	5408729.2	17627.40039	321.38	86.47	48.831515	-86.923412	56014.69	56244.6	5.42	56020.11	56055.78516	55997.31019	56098.13672	505620.7	5408729.2
L5620.0	505620.7	5408728.0	17627.50000	321.50	81.44	48.831504	-86.923412	56014.89	56244.6	5.42	56020.31	56056.36328	55998.11590	56099.00781	505620.7	5408728.0
L5620.0	505620.8	5408726.4	17627.59961	320.92	75.11	48.831490	-86.923411	56015.02	56244.6	5.42	56020.44	56056.87109	55997.71568	56098.67188	505620.8	5408726.4
L5620.0	505620.8	5408725.2	17627.69922	320.21	75.11	48.831479	-86.923411	56015.20	56244.6	5.42	56020.62	56057.42188	55998.26176	56099.27734	505620.8	5408725.2

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5620.0	505620.8	5408725.2	17627.80078	319.91	77.86	48.831479	-86.923411	56015.32	56244.6	5.43	56020.75	56057.91797	55997.98113	56099.05469	505620.8	5408725.2
L5620.0	505620.8	5408723.7	17627.90039	320.30	84.38	48.831466	-86.923411	56015.55	56244.6	5.43	56020.97	56058.50391	55999.38399	56100.51172	505620.8	5408723.7
L5620.0	505620.8	5408722.3	17628.00000	320.38	84.88	48.831453	-86.923411	56015.65	56244.6	5.43	56021.08	56058.97266	55998.91515	56100.09375	505620.8	5408722.3
L5620.0	505620.8	5408720.3	17628.09961	318.89	84.88	48.831435	-86.923411	56015.83	56244.6	5.43	56021.26	56059.50781	55999.79538	56101.02344	505620.8	5408720.3
L5620.0	505620.8	5408720.3	17628.19922	318.74	84.35	48.831435	-86.923411	56015.92	56244.6	5.44	56021.36	56059.96094	55999.36067	56100.63281	505620.8	5408720.3
L5620.0	505620.8	5408719.1	17628.30078	317.87	82.9	48.831424	-86.923411	56016.11	56244.6	5.44	56021.54	56060.48828	56000.47757	56101.79688	505620.8	5408719.1
L5620.0	505620.8	5408717.9	17628.40039	317.54	77.08	48.831413	-86.923410	56016.20	56244.6	5.44	56021.65	56060.94141	56000.48131	56101.83984	505620.8	5408717.9
L5620.0	505620.9	5408716.5	17628.50000	317.12	77.08	48.831401	-86.923410	56016.33	56244.6	5.44	56021.78	56061.41016	56000.99162	56102.38672	505620.9	5408716.5
L5620.0	505620.9	5408715.3	17628.59961	317.00	81.03	48.831390	-86.923410	56016.46	56244.6	5.45	56021.90	56061.86328	56001.48026	56102.91016	505620.9	5408715.3
L5620.0	505620.9	5408713.6	17628.69922	317.63	77.47	48.831375	-86.923410	56016.56	56244.5	5.45	56022.01	56062.30078	56001.95394	56103.41797	505620.9	5408713.6
L5620.0	505620.9	5408712.4	17628.80078	319.17	61.44	48.831364	-86.923410	56016.64	56244.5	5.45	56022.09	56062.70313	56002.06052	56103.55078	505620.9	5408712.4
L5620.0	505620.9	5408711.2	17628.90039	319.73	61.44	48.831353	-86.923410	56016.73	56244.5	5.46	56022.19	56063.12109	56002.70435	56104.21875	505620.9	5408711.2
L5620.0	505620.9	5408709.7	17629.00000	319.29	78.12	48.831339	-86.923410	56016.86	56244.5	5.46	56022.32	56063.56250	56004.07271	56105.60938	505620.9	5408709.7
L5620.0	505620.9	5408708.5	17629.09961	320.73	75.02	48.831329	-86.923410	56016.91	56244.5	5.46	56022.37	56063.91797	56004.18956	56105.74609	505620.9	5408708.5
L5620.0	505620.9	5408708.5	17629.19922	320.85	74.5	48.831329	-86.923410	56017.04	56244.5	5.45	56022.49	56064.33594	56005.77726	56107.34766	505620.9	5408708.5
L5620.0	505620.9	5408706.6	17629.30078	320.38	74.5	48.831312	-86.923410	56017.12	56244.6	5.45	56022.56	56064.69922	56006.67297	56108.25781	505620.9	5408706.6
L5620.0	505620.9	5408705.2	17629.40039	320.57	71.2	48.831299	-86.923410	56017.14	56244.6	5.44	56022.58	56065.00781	56006.87431	56108.46875	505620.9	5408705.2
L5620.0	505620.9	5408704.1	17629.50000	321.07	71.2	48.831289	-86.923410	56017.19	56244.6	5.44	56022.63	56065.33984	56007.84781	56109.44531	505620.9	5408704.1
L5620.0	505620.9	5408704.1	17629.59961	321.72	71.59	48.831289	-86.923410	56017.19	56244.6	5.44	56022.63	56065.61719	56008.13174	56109.73047	505620.9	5408704.1
L5620.0	505620.9	5408702.4	17629.69922	320.55	71.26	48.831274	-86.923410	56017.22	56244.6	5.43	56022.65	56065.90234	56009.01422	56110.60938	505620.9	5408702.4
L5620.0	505620.8	5408701.0	17629.80078	321.16	71.26	48.831261	-86.923411	56017.24	56244.6	5.43	56022.67	56066.18750	56010.13104	56111.72266	505620.8	5408701.0
L5620.0	505620.8	5408699.3	17629.90039	322.77	69.51	48.831246	-86.923411	56017.24	56244.6	5.42	56022.67	56066.44141	56011.11349	56112.69531	505620.8	5408699.3
L5620.0	505620.8	5408699.3	17630.00000	321.20	70.81	48.831246	-86.923411	56017.22	56244.6	5.42	56022.64	56066.66016	56011.77717	56113.34766	505620.8	5408699.3
L5620.0	505620.8	5408696.7	17630.09961	319.72	70.81	48.831222	-86.923411	56017.17	56244.6	5.42	56022.59	56066.85156	56012.30927	56113.85938	505620.8	5408696.7
L5620.0	505620.8	5408696.7	17630.19922	320.41	67.21	48.831222	-86.923411	56017.14	56244.6	5.42	56022.56	56067.05469	56013.45622	56114.98828	505620.8	5408696.7
L5620.0	505620.8	5408694.6	17630.30078	320.47	67.21	48.831204	-86.923412	56017.06	56244.6	5.42	56022.49	56067.21484	56014.10385	56115.60938	505620.8	5408694.6
L5620.0	505620.8	5408694.6	17630.40039	319.81	66.75	48.831204	-86.923412	56017.04	56244.6	5.42	56022.46	56067.40234	56015.74445	56117.22266	505620.8	5408694.6
L5620.0	505620.7	5408691.6	17630.50000	318.66	66.75	48.831177	-86.923412	56016.94	56244.6	5.43	56022.36	56067.51563	56016.33122	56117.77734	505620.7	5408691.6
L5620.0	505620.7	5408691.6	17630.59961	319.03	63.04	48.831177	-86.923412	56016.91	56244.6	5.43	56022.34	56067.70313	56018.66509	56120.07422	505620.7	5408691.6
L5620.0	505620.7	5408690.2	17630.69922	319.53	63.04	48.831164	-86.923412	56016.79	56244.6	5.43	56022.21	56067.77344	56019.20876	56120.57422	505620.7	5408690.2
L5620.0	505620.7	5408688.2	17630.80078	318.69	58.99	48.831146	-86.923412	56016.66	56244.6	5.43	56022.09	56067.84375	56020.20726	56121.53125	505620.7	5408688.2
L5620.0	505620.7	5408688.2	17630.90039	317.67	58.99	48.831146	-86.923412	56016.54	56244.6	5.43	56021.96	56067.89844	56021.29634	56122.57031	505620.7	5408688.2
L5620.0	505620.8	5408686.1	17631.00000	318.66	67.36	48.831127	-86.923412	56016.41	56244.6	5.43	56021.84	56067.95703	56022.85750	56124.07813	505620.8	5408686.1
L5620.0	505620.8	5408684.6	17631.09961	319.76	67.36	48.831114	-86.923412	56016.23	56244.6	5.43	56021.66	56067.94531	56023.60190	56124.76563	505620.8	5408684.6
L5620.0	505620.8	5408683.4	17631.19922	320.91	64.85	48.831103	-86.923411	56016.06	56244.6	5.43	56021.49	56067.93750	56024.84368	56125.94531	505620.8	5408683.4
L5620.0	505620.8	5408683.4	17631.30078	322.86	64.85	48.831103	-86.923411	56015.77	56244.6	5.44	56021.21	56067.81250	56024.38275	56125.41797	505620.8	5408683.4
L5620.0	505620.9	5408681.3	17631.40039	322.02	58.14	48.831084	-86.923410	56015.57	56244.6	5.44	56021.01	56067.76172	56025.74545	56126.71094	505620.9	5408681.3
L5620.0	505620.9	5408680.3	17631.50000	321.80	60.74	48.831075	-86.923410	56015.27	56244.6	5.44	56020.71	56067.60156	56025.64091	56126.53125	505620.9	5408680.3
L5620.0	505620.9	5408680.3	17631.59961	321.47	60.74	48.831075	-86.923410	56015.04	56244.6	5.44	56020.48	56067.50391	56027.20777	56128.01953	505620.9	5408680.3
L5620.0	505621.0	5408678.6	17631.69922	321.47	53.64	48.831059	-86.923409	56014.71	56244.6	5.44	56020.16	56067.31250	56027.55219	56128.28125	505621.0	5408678.6
L5620.0	505621.0	5408676.9	17631.80078	321.16	53.64	48.831044	-86.923408	56014.38	56244.6	5.45	56019.83	56067.10156	56028.16448	56128.80859	505621.0	5408676.9
L5620.0	505621.0	5408676.9	17631.90039	319.33	59.95	48.831044	-86.923408	56013.95	56244.6	5.45	56019.40	56066.78125	56027.46165	56128.01172	505621.0	5408676.9
L5620.0	505621.1	5408674.0	17632.00000	319.55	59.95	48.831018	-86.923407	56013.55	56244.6	5.45	56019.00	56066.48828	56027.81828	56128.27344	505621.1	5408674.0
L5620.0	505621.1	5408674.0	17632.09961	318.52	57.82	48.831018	-86.923407	56013.09	56244.6	5.45	56018.54	56066.12500	56027.66138	56128.01563	505621.1	5408674.0
L5620.0	505621.1	5408672.5	17632.19922	318.00	58.39	48.831005	-86.923407	56012.58	56244.6	5.45	56018.03	56065.70703	56027.21711	56127.46484	505621.1	5408672.5
L5620.0	505621.2	5408670.9	17632.30078	317.95	58.39	48.830990	-86.923406	56012.03	56244.6	5.45	56017.48	56065.23828	56026.70932	56126.84375	505621.2	5408670.9
L5620.0	505621.2	5408670.9	17632.40039	317.76	55.76	48.830990	-86.923406	56011.40	56244.6	5.45	56016.84	56064.67578	56025.31318	56125.33594	505621.2	5408670.9
L5620.0	505621.2	5408669.2	17632.50000	317.34	52.79	48.830975	-86.923406	56010.74	56244.6	5.44	56016.18	56064.08594	56024.30568	56124.20703	505621.2	5408669.2
L5620.0	505621.2	5408667.6	17632.59961	317.39	52.79	48.830961	-86.923406	56009.98	56244.6	5.44	56015.42	56063.39063	56022.34417	56122.12109	505621.2	5408667.6
L5620.0	505621.2	5408667.6	17632.69922	316.42	52.23	48.830961	-86.923406	56009.18	56244.6	5.44	56014.62	56062.64844	56020.52452	56120.17188	505621.2	5408667.6
L5620.0	505621.2	5408665.9	17632.80078	316.74	52.23	48.830945	-86.923406	56008.36	56244.6	5.44	56013.81	56061.88672	56019.41578	56118.92578	505621.2	5408665.9
L5620.0	505621.2	5408664.6	17632.90039	315.76	53.79	48.830934	-86.923406	56007.53	56244.6	5.44	56012.97	56061.09375	56018.72406	56118.09766	505621.2	5408664.6
L5620.0	505621.2	5408663.2	17633.00000	317.13	52.17	48.830922	-86.923406	56006.52	56244.6	5.44	56011.96	56060.12109	56016.06607	56115.29297	505621.2	5408663.2
L5620.0	505621.2	5408662.0	17633.09961	317.74	52.17	48.830910	-86.923406	56005.50	56244.6	5.44	56010.94	56059.13281	56014.27122	56113.34766	505621.2	5408662.0
L5620.0	505621.2	5408660.5	17633.19922	318.22	52.77	48.830897	-86.923407	56004.44	56244.6	5.44	56009.88	56058.10156	56012.87482	56111.79688	505621.2	5408660.5
L5620.0	505621.2	5408660.5	17633.30078	318.96	53.56	48.830897	-86.923407	56003.31	56244.6	5.44	56008.75	56056.99219	56011.40659	56110.17188	505621.2	5408660.5
L5620.0	505621.1	5408658.6	17633.40039	318.77	53.56	48.830879	-86.923407	56002.04	56244.6	5.44	56007.48	56055.73438	56008.67404	56107.27344	505621.1	5408658.6
L5620.0	505621.1	5408657.3	17633.50000	319.45	50.3	48.830869	-86.923407	56000.80	56244.6	5.44	56006.24	56054.50391	56007.75142	56106.17969	505621.1	5408657.3
L5620.0	505621.1	5408655.7	17633.59961	320.26	50.3	48.830854	-86.923408	55999.38	56244.6	5.44	56004.82	56053.08984	56004.94416	56103.19922	505621.1	5408655.7
L5620.0	505621.1	5408655.7	17633.69922	319.67	50.3	48.830854	-86.923408	55998.04	56244.6	5.44	56003.48	56051.75000	56004.97496	56103.05078	505621.1	5408655.7
L5620.0	505621.1	5408654.0	17633.80078	319.88	51.52	48.830838	-86.923408	55996.52	56244.6	5.44	56001.96	56050.22266	56003.21149	56101.10156	505621.1	5408654.0
L5620.0	505621.1	5408652.5	17633.90039	322.13	48.83	48.830825	-86.923408	55995.04	56244.6	5.44	56000.48	56048.73047	56003.68064	56101.37891	505621.1	5408652.5
L5620.0	505621.1	5408652.5	17634.00000	322.02	48.83	48.830825	-86.923408	55993.48	56244.6	5.44	55998.92	56047.15625	56004.24976	56101.75391	505621.1	5408652.5
L5620.0	505621.1	5408650.6	17634.09961	321.81	49.51	48.830808	-86.923408	55991.79	56244.6	5.44	55997.23	56045.44531	56004.03717	56101.33984	505621.1	5408650.6
L5620.0	505621.1	5408649.1	17634.19922	323.07	49.89	48.830794	-86.923408	55990.16	56244.6	5.44	55995.60	56043.78906	56006.53298	56103.62891	505621.1	5408649.1
L5620.0	505621.1	5408647.7	17634.30078	322.09	49.89	48.830781	-86.923408	55988.36	56244.6	5.44	55993.80	56041.96094	56007.56020	56104.44531	505621.1	5408647.7
L5620.0	505621.1	5408646.2	17634.40039	320.95	52	48.830768	-86.923408	55986.54	56244.6	5.44	55991.98	56040.10938	56009.86298	56106.53125	505621.1	5408646.2
L5620.0	505621.1	5408644.7	17634.50000	319.82	51.19	48.830755	-86.923408	55984.66	56244.6	5.44	55990.11	56038.20313	56012.89455	56109.33984	505621.1	5408644.7
L5620.0	505621.1	5408644.7	17634.59961	320.50	51.19	48.830755	-86.923408	55982.66	56244.6	5.45	55988.11	56036.16016	56015.19952	56111.41797	505621.1	5408644.7
L5620.0	505621.2	5408642.7	17634.69922	318.59	48.78	48.830737	-86.923407	55980.56	56244.6	5.45	55986.01	56034.01563	56017.31572	56113.30078	505621.2	5408642.7
L5620.0	505621.2	5408641.9	17634.80078	318.78	48.78	48.830730	-86.923407	55978.41	56244.6	5.45	55983.86	56031.82031	56020.12856	56115.87500	505621.2	5408641.9
L5620.0	505621.2	5408641.9	17634.90039	317.63	46.32	48.830730	-86.923407	55976.16	56244.6	5.45	55981.61	56029.51953	56022.71502	56118.21875	505621.2	5408641.9
L5620.0	505621.2	5408640.3	17635.00000	316.79	48.06	48.830715	-86.923406	55973.76	56244.6	5.45	55979.21	56027.06641	56024.16286	56119.41797	505621.2	5408640.3
L5620.0	505621.3	5408638.8	17635.09961	317.11	46.84	48.830702	-86.923405	55971.31	56244.5	5.45	55976.76	56024.56250	56026.22495	56121.22266	505621.3	5408638.8
L5620.0	505621.4	5408637.2	17635.19922	316.94	46.84	48.830687	-86.923404	55968.65	56244.5	5.45	55974.10	56021.84375	56026.04113	56120.78125	505621.4	5408637.2
L5620.0	505621.4	5408635.9	17635.30078	318.15	45.64	48.830676	-86.923404	55966.02	56244.5	5.45	55971.47	56019.15234	56027.79910	56122.27344	505621.4	5408635.9
L5620.0	505621.5	5408634.5	17635.40039	317.50	45.64	48.830663	-86.923403	55963.14	56244.5	5.45	55968.60	56016.21875	56026.72548	56120.92969	505621.5	5408634.5
L5620.0	505621.5	5408634.5	17635.50000	317.17	47.28	48.830663	-86.923403	55960.28	56244.5	5.45	55965.73	56013.28125	56026.96323	56120.89063	505621.5	5408634.5
L5620.0	505621.5	5408633.1	17635.59961	319.00	47.28	48.830650	-86.923402	55957.20	56244.5	5.46	55962.65	56010.13672	56024.81829	56118.46484	505621.5	5408633.1
L5620.0	505621.6	5408631.5	17635.69922	319.48	47.7	48.830636	-86.923402	55954.00	56244.5	5.46	55959.46	56006.87891	56021.97112	56115.32813	505621.6	5408631.5
L5620.0	505621.6	5408630.0	17635.80078	319.51	43.65	48.830623	-86.923401	55950.77	56244.5	5.46	55956.22	56003.56641	56019.37195	56112.43750	505621.6	5408630.0
L5620.0	505621.7	5408628.3	17635.90039	318.23	43.65	48.830607	-86.923400	55947.33	56244.5	5.46	55952.79	56000.06641	56014.54291	56107.31250	505621.7	5408628.3
L5620.0	505621.7	5408628.3	17636.00000	319.42	45.82	48.830607	-86.923400	55943.84	56244.5	5.46	55949.30	55996.50391	56009.60025	56102.06641	505621.7	5408628.3
L5620.0	505621.7	5408626.7	17636.09961	319.44	45.8	48.830593	-86.923400	55940.22	56244.5	5.46	55945.68	55992.80859	56003.23650	56095.39453	505621.7	5408626.7
L5620.0	505621.7	5408626.7	17636.19922	319.64	45.8	48.830593	-86.923400	55936.42	56244.5	5.45	55941.88	55988.93750	55994.48563	56086.32813	505621.7	5408626.7
L5620.0	505621.7	5408625.0	17636.30078	320.33	42.54	48.830577	-86.923399	55932.58	56244.5	5.45	55938.03	55985.01172	55985.43134	56076.95313	505621.7	5408625.0
L5620.0	505621.8	5408623.5	17636.40039	318.46	42.54	48.830565	-86.923399	55928.64	56244.6	5.45	55934.08	55980.98438	55975.09748	56066.29688	505621.8	5408623.5
L5620.0	505621.8	5408621.9	17636.50000	318.74	42.54	48.830550	-86.923399	55924.59	56244.6	5.44	55930.03	55976.85938	55963.35497	56054.22266	505621.8	5408621.9
L5620.0	505621.8	5408621.9	17636.59961	316.59	40.61	48.830550	-86.923399	55920.41	56244.6	5.44	55925.86	55972.61719	55949.74022	56040.27344	505621.8	5408621.9
L5620.0	505621.8	5408620.5	17636.69922	316.74	39.55	48.830537	-86.923399	55916.24	56244.6	5.44	55921.68	55968.35938	55935.98387	56026.17188	505621.8	5408620.5
L5620.0	505621.8	5408619.0	17636.80078	316.93	39.55	48.830524	-86.923398	55911.94	56244.6	5.44	55917.37	55963.97656	55919.94183	56009.78516	505621.8	5408619.0
L5620.0	505621.8	5408617.2	17636.90039	317.03	39.39	48.830507	-86.923398	55907.64	56244.6	5.43	55913.07	55959.60156	55903.82063	55993.31250	505621.8	5408617.2
L5620.0	505621.8	5408617.2	17637.00000	316.37	39.59	48.830507	-86.923398	55903.29	56244.6	5.43	55908.72	55955.17578	55886.46288	55975.59375	505621.8	5408617.2

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5620.0	505621.8	5408615.7	17637.09961	316.85	39.59	48.830494	-86.923398	55898.89	56244.6	5.43	55904.32	55950.70313	55867.70181	55956.46875	505621.8	5408615.7
L5620.0	505621.8	5408614.3	17637.19922	318.27	43.22	48.830481	-86.923398	55894.51	56244.6	5.43	55899.95	55946.26172	55848.67959	55937.07813	505621.8	5408614.3
L5620.0	505621.8	5408612.7	17637.30078	317.19	42.18	48.830467	-86.923398	55890.14	56244.6	5.44	55895.57	55941.80859	55828.51795	55916.54297	505621.8	5408612.7
L5620.0	505621.8	5408612.7	17637.40039	317.49	42.18	48.830467	-86.923398	55885.79	56244.6	5.44	55891.22	55937.38672	55807.65961	55895.30469	505621.8	5408612.7
L5620.0	505621.8	5408611.0	17637.50000	317.41	40.86	48.830452	-86.923398	55881.48	56244.6	5.44	55886.92	55933.01953	55786.20743	55873.46484	505621.8	5408611.0
L5620.0	505621.9	5408609.6	17637.59961	316.45	40.86	48.830439	-86.923398	55877.18	56244.6	5.44	55882.63	55928.66016	55763.27027	55850.13672	505621.9	5408609.6
L5620.0	505621.9	5408608.0	17637.69922	315.88	41.46	48.830425	-86.923398	55873.04	56244.6	5.44	55878.48	55924.44141	55740.82693	55827.29688	505621.9	5408608.0
L5620.0	505621.9	5408607.0	17637.80078	317.24	41.46	48.830415	-86.923398	55868.91	56244.6	5.45	55874.36	55920.25781	55716.83707	55802.90625	505621.9	5408607.0
L5620.0	505621.9	5408607.0	17637.90039	317.42	40.5	48.830415	-86.923398	55865.04	56244.6	5.45	55870.49	55916.32422	55694.88266	55780.54297	505621.9	5408607.0
L5620.0	505621.9	5408605.7	17638.00000	318.52	40.99	48.830404	-86.923398	55861.17	56244.6	5.45	55866.62	55912.39063	55670.58811	55755.83594	505621.9	5408605.7
L5620.0	505621.9	5408603.9	17638.09961	318.34	40.99	48.830388	-86.923398	55857.53	56244.6	5.45	55862.98	55908.69141	55647.82500	55732.65234	505621.9	5408603.9
L5620.0	505621.9	5408602.4	17638.19922	317.81	40.72	48.830374	-86.923397	55854.04	56244.6	5.45	55859.49	55905.14063	55625.15261	55709.55469	505621.9	5408602.4
L5620.0	505621.9	5408602.4	17638.30078	317.62	41.05	48.830374	-86.923397	55850.78	56244.6	5.45	55856.22	55901.81641	55603.71905	55687.68750	505621.9	5408602.4
L5620.0	505621.9	5408601.2	17638.40039	318.00	31.2	48.830363	-86.923397	55847.70	56244.6	5.45	55853.14	55898.67969	55582.92791	55666.46094	505621.9	5408601.2
L5620.0	505621.9	5408599.8	17638.50000	319.10	38.7	48.830350	-86.923397	55844.93	56244.6	5.44	55850.37	55895.85938	55564.83411	55647.92578	505621.9	5408599.8
L5620.0	505621.9	5408598.3	17638.59961	320.89	38.7	48.830337	-86.923397	55842.43	56244.6	5.44	55847.87	55893.30469	55548.68491	55631.32813	505621.9	5408598.3
L5620.0	505621.9	5408597.3	17638.69922	321.06	43.71	48.830329	-86.923397	55840.23	56244.6	5.44	55845.67	55891.05859	55534.96427	55617.15234	505621.9	5408597.3
L5620.0	505622.0	5408595.9	17638.80078	320.74	44.51	48.830316	-86.923397	55838.34	56244.6	5.44	55843.78	55889.12109	55523.80541	55605.53516	505622.0	5408595.9
L5620.0	505622.0	5408594.4	17638.90039	321.38	43.71	48.830302	-86.923397	55836.76	56244.6	5.44	55842.20	55887.49609	55515.16220	55596.42578	505622.0	5408594.4
L5620.0	505622.0	5408593.0	17639.00000	321.75	43.71	48.830290	-86.923397	55835.52	56244.6	5.44	55840.96	55886.21094	55509.53933	55590.33203	505622.0	5408593.0
L5620.0	505622.0	5408593.0	17639.09961	321.12	45.81	48.830290	-86.923397	55834.48	56244.6	5.44	55839.93	55885.14063	55504.55528	55584.86719	505622.0	5408593.0
L5620.0	505622.0	5408591.4	17639.19922	321.35	45.81	48.830275	-86.923397	55833.91	56244.6	5.45	55839.35	55884.52344	55504.63125	55584.46094	505622.0	5408591.4
L5620.0	505622.0	5408589.9	17639.30078	320.56	44.37	48.830262	-86.923396	55833.70	56244.6	5.45	55839.15	55884.28516	55508.51465	55587.85547	505622.0	5408589.9
L5620.0	505622.0	5408588.1	17639.40039	319.93	46.37	48.830245	-86.923396	55833.75	56244.5	5.45	55839.21	55884.31250	55514.00564	55592.85156	505622.0	5408588.1
L5620.0	505622.0	5408586.7	17639.50000	318.99	40.7	48.830233	-86.923396	55833.91	56244.5	5.46	55839.36	55884.42969	55517.95063	55596.29297	505622.0	5408586.7
L5620.0	505622.0	5408586.7	17639.59961	318.63	40.7	48.830233	-86.923396	55834.44	56244.5	5.46	55839.90	55884.94141	55525.93248	55603.76563	505622.0	5408586.7
L5620.0	505622.0	5408585.0	17639.69922	319.17	43.02	48.830218	-86.923396	55835.20	56244.5	5.46	55840.66	55885.67188	55534.77755	55612.09766	505622.0	5408585.0
L5620.0	505622.1	5408584.3	17639.80078	318.42	42.99	48.830211	-86.923396	55836.38	56244.5	5.46	55841.85	55886.83594	55548.38566	55625.18750	505622.1	5408584.3
L5620.0	505622.1	5408582.7	17639.90039	319.20	42.99	48.830197	-86.923395	55837.57	56244.5	5.47	55843.04	55888.00000	55558.75428	55635.03125	505622.1	5408582.7
L5620.0	505622.1	5408581.1	17640.00000	320.27	42.46	48.830182	-86.923395	55839.07	56244.5	5.47	55844.54	55889.47656	55571.65430	55647.39844	505622.1	5408581.1
L5620.0	505622.1	5408581.1	17640.09961	320.37	42.41	48.830182	-86.923395	55840.73	56244.5	5.47	55846.20	55891.11719	55584.30634	55659.50781	505622.1	5408581.1
L5620.0	505622.1	5408579.6	17640.19922	321.10	42.33	48.830169	-86.923395	55842.71	56244.5	5.47	55848.18	55893.07813	55599.71639	55674.37500	505622.1	5408579.6
L5620.0	505622.1	5408578.1	17640.30078	321.06	42.33	48.830156	-86.923395	55844.84	56244.5	5.47	55850.30	55895.17969	55614.58640	55688.69531	505622.1	5408578.1
L5620.0	505622.2	5408577.5	17640.40039	321.96	42.34	48.830150	-86.923394	55847.18	56244.5	5.47	55852.65	55897.51172	55630.66858	55704.21875	505622.2	5408577.5
L5620.0	505622.2	5408576.0	17640.50000	322.05	40.47	48.830137	-86.923394	55849.77	56244.5	5.46	55855.23	55900.07813	55648.05831	55721.04297	505622.2	5408576.0
L5620.0	505622.2	5408574.9	17640.59961	320.80	40.47	48.830127	-86.923394	55852.57	56244.5	5.46	55858.03	55902.86328	55666.70819	55739.12500	505622.2	5408574.9
L5620.0	505622.2	5408573.7	17640.69922	319.81	37.14	48.830116	-86.923393	55855.54	56244.5	5.46	55861.00	55905.82031	55685.85485	55757.69531	505622.2	5408573.7
L5620.0	505622.3	5408572.2	17640.80078	319.38	38.69	48.830102	-86.923393	55858.67	56244.5	5.46	55864.13	55908.94141	55705.48639	55776.74219	505622.3	5408572.2
L5620.0	505622.3	5408570.9	17640.90039	321.41	38.69	48.830090	-86.923392	55861.93	56244.5	5.46	55867.39	55912.18750	55725.23633	55795.90234	505622.3	5408570.9
L5620.0	505622.3	5408570.9	17641.00000	320.46	39.06	48.830090	-86.923392	55865.25	56244.5	5.46	55870.71	55915.50000	55743.99756	55814.06641	505622.3	5408570.9
L5620.0	505622.3	5408569.2	17641.09961	319.10	41.57	48.830075	-86.923392	55868.68	56244.5	5.46	55874.14	55918.92188	55762.90415	55832.37109	505622.3	5408569.2
L5620.0	505622.3	5408568.1	17641.19922	319.45	41.57	48.830066	-86.923392	55872.20	56244.5	5.46	55877.66	55922.43359	55781.76583	55850.62500	505622.3	5408568.1
L5620.0	505622.3	5408566.3	17641.30078	320.04	40.24	48.830049	-86.923392	55875.84	56244.5	5.46	55881.30	55926.06250	55801.30944	55869.55469	505622.3	5408566.3
L5620.0	505622.3	5408565.1	17641.40039	320.07	40.24	48.830038	-86.923392	55879.46	56244.5	5.46	55884.91	55929.66797	55818.88808	55886.51172	505622.3	5408565.1
L5620.0	505622.3	5408565.1	17641.50000	320.10	38.16	48.830038	-86.923392	55883.13	56244.5	5.46	55888.58	55933.32813	55836.36167	55903.35547	505622.3	5408565.1
L5620.0	505622.3	5408563.6	17641.59961	319.71	38.93	48.830025	-86.923393	55886.79	56244.5	5.45	55892.25	55936.99219	55852.78554	55919.14453	505622.3	5408563.6
L5620.0	505622.3	5408562.2	17641.69922	317.64	38.93	48.830013	-86.923393	55890.44	56244.5	5.45	55895.89	55940.62500	55867.78236	55933.50000	505622.3	5408562.2
L5620.0	505622.2	5408561.2	17641.80078	318.14	37.68	48.830004	-86.923394	55894.08	56244.5	5.45	55899.53	55944.25781	55882.10389	55947.17188	505622.2	5408561.2
L5620.0	505622.2	5408560.0	17641.90039	319.72	37.68	48.829993	-86.923394	55897.72	56244.5	5.45	55903.17	55947.88672	55895.94396	55960.35938	505622.2	5408560.0
L5620.0	505622.2	5408558.6	17642.00000	320.59	35.18	48.829980	-86.923395	55901.26	56244.6	5.45	55906.71	55951.41797	55907.65312	55971.40625	505622.2	5408558.6
L5620.0	505622.1	5408557.6	17642.09961	322.24	35.18	48.829971	-86.923395	55904.73	56244.5	5.45	55910.18	55954.87891	55918.00613	55981.09375	505622.1	5408557.6
L5620.0	505622.1	5408556.3	17642.19922	322.02	35.79	48.829959	-86.923395	55908.12	56244.5	5.45	55913.57	55958.25781	55927.03769	55989.44922	505622.1	5408556.3
L5620.0	505622.1	5408554.6	17642.30078	321.55	35.79	48.829944	-86.923396	55911.51	56244.5	5.45	55916.96	55961.63672	55936.42310	55998.15625	505622.1	5408554.6
L5620.0	505622.1	5408554.6	17642.40039	321.02	36.94	48.829944	-86.923396	55914.75	56244.5	5.45	55920.20	55964.86328	55943.64278	56004.69141	505622.1	5408554.6
L5620.0	505622.0	5408553.1	17642.50000	322.42	35.43	48.829931	-86.923396	55917.96	56244.5	5.46	55923.41	55968.05859	55951.08755	56011.44141	505622.0	5408553.1
L5620.0	505622.0	5408551.7	17642.59961	320.51	35.43	48.829918	-86.923397	55921.02	56244.5	5.46	55926.48	55971.11328	55956.98622	56016.64063	505622.0	5408551.7
L5620.0	505622.0	5408550.2	17642.69922	320.11	36.75	48.829905	-86.923397	55923.98	56244.5	5.46	55929.43	55974.04688	55961.91580	56020.86328	505622.0	5408550.2
L5620.0	505622.0	5408549.3	17642.80078	320.45	40.72	48.829896	-86.923397	55926.82	56244.5	5.46	55932.27	55976.86719	55966.26102	56024.50000	505622.0	5408549.3
L5620.0	505621.9	5408547.8	17642.90039	318.73	40.72	48.829883	-86.923398	55929.54	56244.5	5.46	55935.00	55979.57422	55970.21758	56027.73828	505621.9	5408547.8
L5620.0	505621.9	5408547.8	17643.00000	319.77	41.23	48.829883	-86.923398	55932.20	56244.5	5.46	55937.66	55982.21094	55974.65429	56031.44922	505621.9	5408547.8
L5620.0	505621.9	5408545.4	17643.09961	317.86	41.44	48.829861	-86.923398	55934.66	56244.5	5.46	55940.11	55984.63672	55977.35035	56033.41406	505621.9	5408545.4
L5620.0	505621.9	5408545.4	17643.19922	316.47	41.44	48.829861	-86.923398	55937.06	56244.5	5.45	55942.51	55987.00781	55981.19848	56036.52734	505621.9	5408545.4
L5620.0	505621.9	5408543.7	17643.30078	316.00	37.98	48.829846	-86.923398	55939.26	56244.5	5.45	55944.71	55989.17578	55970.87185	56025.46094	505621.9	5408543.7
L5620.0	505621.9	5408542.1	17643.40039	316.66	37.98	48.829832	-86.923398	55941.28	56244.6	5.45	55946.72	55991.14844	55973.59230	56027.43359	505621.9	5408542.1
L5620.0	505621.9	5408540.5	17643.50000	316.04	42.37	48.829817	-86.923398	55943.13	56244.6	5.44	55948.57	55992.96094	55975.66428	56028.75391	505621.9	5408540.5
L5620.0	505621.9	5408540.5	17643.59961	315.78	42.94	48.829817	-86.923398	55944.88	56244.6	5.44	55950.32	55994.67188	55978.77963	56031.10938	505621.9	5408540.5
L5620.0	505621.9	5408539.0	17643.69922	317.99	42.94	48.829804	-86.923398	55946.44	56244.6	5.44	55951.88	55996.18750	55980.71713	56032.28125	505621.9	5408539.0
L5620.0	505621.9	5408538.1	17643.80078	318.53	39.55	48.829796	-86.923398	55947.91	56244.6	5.44	55953.34	55997.60156	55983.89884	56034.69531	505621.9	5408538.1
L5620.0	505621.9	5408536.9	17643.90039	318.71	41.07	48.829785	-86.923398	55949.27	56244.6	5.43	55954.71	55998.91797	55988.64260	56038.66406	505621.9	5408536.9
L5620.0	505621.9	5408535.2	17644.00000	318.47	41.07	48.829770	-86.923398	55950.41	56244.6	5.43	55955.84	55999.99219	55991.31684	56040.55859	505621.9	5408535.2
L5620.0	505621.9	5408533.5	17644.09961	316.70	39.95	48.829755	-86.923398	55951.38	56244.6	5.43	55956.81	56000.90625	55994.05040	56042.50781	505621.9	5408533.5
L5620.0	505621.9	5408532.8	17644.19922	315.88	39.95	48.829748	-86.923398	55952.16	56244.6	5.44	55957.60	56001.63281	55996.46546	56044.13281	505621.9	5408532.8
L5620.0	505621.9	5408531.4	17644.30078	316.19	38.53	48.829736	-86.923398	55952.79	56244.6	5.44	55958.23	56002.19531	55999.16417	56046.03906	505621.9	5408531.4
L5620.0	505621.9	5408530.0	17644.40039	315.64	40.16	48.829723	-86.923398	55953.14	56244.6	5.45	55958.59	56002.48438	55999.59845	56045.67578	505621.9	5408530.0
L5620.0	505621.9	5408530.0	17644.50000	315.01	40.16	48.829723	-86.923398	55953.40	56244.5	5.45	55958.85	56002.66797	56001.98918	56047.26172	505621.9	5408530.0
L5620.0	505621.9	5408528.3	17644.59961	313.32	40.61	48.829708	-86.923398	55953.38	56244.5	5.45	55958.83	56002.56641	56002.09357	56046.55859	505621.9	5408528.3
L5620.0	505621.9	5408526.9	17644.69922	314.00	40.61	48.829695	-86.923398	55953.25	56244.5	5.46	55958.70	56002.35156	56004.11430	56047.76953	505621.9	5408526.9
L5620.0	505621.9	5408525.4	17644.80078	313.15	38.21	48.829682	-86.923399	55952.84	56244.5	5.46	55958.30	56001.85938	56004.28965	56047.12891	505621.9	5408525.4
L5620.0	505621.9	5408525.4	17644.90039	313.44	38.97	48.829682	-86.923399	55952.31	56244.5	5.47	55957.78	56001.24609	56006.34690	56048.36719	505621.9	5408525.4
L5620.0	505621.9	5408523.8	17645.00000	314.61	38.97	48.829667	-86.923399	55951.42	56244.5	5.47	55956.89	56000.25781	56004.29383	56045.49219	505621.9	5408523.8
L5620.0	505621.8	5408522.1	17645.09961	314.79	40.73	48.829652	-86.923400	55950.44	56244.5	5.47	55955.91	55999.17188	56005.02200	56045.39844	505621.8	5408522.1
L5620.0	505621.8	5408522.1	17645.19922	315.63	40.73	48.829652	-86.923400	55949.18	56244.5	5.47	55954.64	55997.79297	56003.71146	56043.25781	505621.8	5408522.1
L5620.0	505621.8	5408520.5	17645.30078	316.59	34.49	48.829637	-86.923400	55947.76	56244.5	5.46	55953.22	55996.25781	56003.86530	56042.58203	505621.8	5408520.5
L5620.0	505621.7	5408518.5	17645.40039	315.95	34.49	48.829620	-86.923401	55946.06	56244.5	5.46	55951.53	55994.44531	56002.54530	56040.42969	505621.7	5408518.5
L5620.0	505621.7	5408516.8	17645.50000	317.16	39.5	48.829604	-86.923402	55944.12	56244.5	5.46	55949.58	55992.37109	55999.98872	56037.03906	505621.7	5408516.8
L5620.0	505621.7	5408516.8	17645.59961	317.18	39.5	48.829604	-86.923402	55941.99	56244.5	5.46	55947.45	55990.10938	55998.20414	56034.41797	505621.7	5408516.8
L5620.0	505621.6	5408514.9	17645.69922	317.98	35.93	48.829587	-86.923402	55939.66	56244.5	5.46	55945.12	55987.64453	55996.66695	56032.04297	505621.6	5408514.9
L5620.0	505621.6	5408513.5	17645.80078	318.77	35.93	48.829574	-86.923403	55937.08	56244.5	5.45	55942.54	55984.92188	55994.02480	56028.56250	505621.6	5408513.5
L5620.0	505621.6	5408513.5	17645.90039	318.89	39	48.829574	-86.923403	55934.27	56244.5	5.45	55939.72	55981.95703	55990.42223	56024.11719	505621.6	5408513.5
L5620.0	505621.6	5408512.0	17646.00000	320.37	39.93	48.829561	-86.923403	55931.34	56244.6	5.45	55936.79	55978.87109	55989.15714	56022.01172	505621.6	5408512.0
L5620.0	505621.6	5408510.8	17646.09961	318.56	39.93	48.829550	-86.923403	55928.11	56244.6	5.45	55933.56	55975.48438	55985.05613	56017.07031	505621.6	5408510.8
L5620.0	505621.6	5408509.3	17646.19922	317.98	39.92	48.829537	-86.923403	55924.71	56244.6	5.45	55930.16	55971.92188	55981.35535	56012.52734	505621.6	5408509.3
L5620.0	505621.6	5408509.3	17646.30078	317.01	39.92	48.829537	-86.923403	55921.07	56244.6	5.45	55926.52	55968.11328	56046.73561	56077.06641	505621.6	5408509.3

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5620.0	505621.6	5408507.5	17646.40039	317.23	41.22	48.829520	-86.923403	55917.25	56244.6	5.45	55922.70	55964.11719	56037.27021	56066.75781	505621.6	5408507.5
L5620.0	505621.6	5408506.3	17646.50000	318.31	42.09	48.829510	-86.923404	55913.16	56244.6	5.45	55918.61	55959.84766	56024.43559	56053.08203	505621.6	5408506.3
L5620.0	505621.5	5408504.6	17646.59961	318.45	42.09	48.829494	-86.923404	55908.93	56244.6	5.45	55914.38	55955.43359	56010.21999	56038.02734	505621.5	5408504.6
L5620.0	505621.5	5408502.6	17646.69922	318.29	42.09	48.829477	-86.923404	55904.36	56244.6	5.45	55909.81	55950.67578	55991.09344	56018.06250	505621.5	5408502.6
L5620.0	505621.5	5408502.6	17646.80078	318.00	41.64	48.829477	-86.923404	55899.82	56244.6	5.45	55905.27	55945.93750	55973.08097	55999.21484	505621.5	5408502.6
L5620.0	505621.5	5408501.3	17646.90039	317.95	42.68	48.829464	-86.923404	55894.94	56244.6	5.45	55900.39	55940.85938	55949.80493	55975.10547	505621.5	5408501.3
L5620.0	505621.5	5408499.8	17647.00000	317.81	42.68	48.829451	-86.923404	55890.01	56244.6	5.45	55895.46	55935.72266	55925.94412	55950.41406	505621.5	5408499.8
L5620.0	505621.5	5408498.3	17647.09961	318.25	42.53	48.829438	-86.923404	55884.92	56244.6	5.45	55890.37	55930.42188	55899.45700	55923.09766	505621.5	5408498.3
L5620.0	505621.5	5408498.3	17647.19922	318.00	41.07	48.829438	-86.923404	55879.79	56244.6	5.45	55885.24	55925.07422	55872.14052	55894.95703	505621.5	5408498.3
L5620.0	505621.5	5408496.8	17647.30078	317.61	41.07	48.829424	-86.923404	55874.58	56244.6	5.45	55880.03	55919.64453	55843.10394	55865.09766	505621.5	5408496.8
L5620.0	505621.5	5408495.4	17647.40039	316.81	38.5	48.829412	-86.923404	55869.32	56244.6	5.45	55874.77	55914.16016	55812.61599	55833.79297	505621.5	5408495.4
L5620.0	505621.5	5408495.4	17647.50000	315.03	32.34	48.829412	-86.923404	55864.06	56244.6	5.44	55869.50	55908.66016	55781.09858	55801.46484	505621.5	5408495.4
L5620.0	505621.5	5408493.7	17647.59961	315.20	32.34	48.829396	-86.923405	55858.82	56244.6	5.44	55864.27	55903.19531	55749.12672	55768.68359	505621.5	5408493.7
L5620.0	505621.5	5408492.3	17647.69922	317.01	40.33	48.829384	-86.923405	55853.68	56244.6	5.44	55859.12	55897.80469	55717.10923	55735.86328	505621.5	5408492.3
L5620.0	505621.5	5408490.8	17647.80078	317.90	42.23	48.829370	-86.923405	55848.55	56244.6	5.44	55853.99	55892.43359	55683.79338	55701.75000	505621.5	5408490.8
L5620.0	505621.4	5408489.4	17647.90039	316.90	42.23	48.829358	-86.923406	55843.57	56244.6	5.44	55849.01	55887.20703	55651.05779	55668.22266	505621.4	5408489.4
L5620.0	505621.4	5408487.9	17648.00000	316.62	37.77	48.829345	-86.923406	55838.84	56244.6	5.44	55844.28	55882.22656	55620.36439	55636.74609	505621.4	5408487.9
L5620.0	505621.4	5408486.7	17648.09961	318.09	39.18	48.829334	-86.923406	55834.36	56244.6	5.44	55839.80	55877.48828	55591.55558	55607.15625	505621.4	5408486.7
L5620.0	505621.4	5408485.5	17648.19922	316.97	39.18	48.829323	-86.923407	55830.09	56244.6	5.44	55835.53	55872.96094	55563.84005	55578.67188	505621.4	5408485.5
L5620.0	505621.3	5408484.3	17648.30078	316.16	37.51	48.829312	-86.923407	55826.19	56244.6	5.44	55831.63	55868.79688	55539.80919	55553.87891	505621.3	5408484.3
L5620.0	505621.3	5408484.3	17648.40039	315.03	40.03	48.829312	-86.923407	55822.52	56244.6	5.44	55827.96	55864.86328	55517.10975	55530.42188	505621.3	5408484.3
L5620.0	505621.2	5408481.6	17648.50000	316.73	40.03	48.829288	-86.923408	55819.21	56244.6	5.44	55824.65	55861.28516	55497.85677	55510.42188	505621.2	5408481.6
L5620.0	505621.2	5408481.6	17648.59961	317.23	38.19	48.829288	-86.923408	55816.17	56244.6	5.44	55821.61	55857.97266	55480.42701	55492.25391	505621.2	5408481.6
L5620.0	505621.2	5408479.9	17648.69922	318.59	38.19	48.829272	-86.923409	55813.54	56244.6	5.44	55818.98	55855.06641	55467.04075	55478.14063	505621.2	5408479.9
L5620.0	505621.1	5408478.4	17648.80078	318.43	39.4	48.829259	-86.923410	55811.22	56244.6	5.44	55816.66	55852.46875	55455.90294	55466.28516	505621.1	5408478.4
L5620.0	505621.1	5408478.4	17648.90039	319.11	40.81	48.829259	-86.923410	55809.27	56244.6	5.44	55814.71	55850.23828	55447.88327	55457.55469	505621.1	5408478.4
L5620.0	505621.1	5408475.6	17649.00000	318.79	40.81	48.829234	-86.923410	55807.70	56244.6	5.44	55813.14	55848.38672	55550.41853	55559.39063	505621.1	5408475.6
L5620.0	505621.1	5408475.6	17649.09961	318.54	41.86	48.829234	-86.923410	55806.41	56244.6	5.44	55811.85	55846.81250	55547.55315	55555.83984	505621.1	5408475.6
L5620.0	505621.1	5408474.2	17649.19922	318.62	41.86	48.829221	-86.923411	55805.63	56244.6	5.44	55811.07	55845.74609	55550.02217	55557.63281	505621.1	5408474.2
L5620.0	505621.1	5408474.2	17649.30078	319.46	39.7	48.829221	-86.923411	55805.10	56244.6	5.44	55810.54	55844.92969	55550.80201	55557.74609	505621.1	5408474.2
L5620.0	505621.0	5408472.5	17649.40039	318.59	39.7	48.829205	-86.923411	55804.99	56244.6	5.44	55810.43	55844.53125	55554.37617	55560.67188	505621.0	5408472.5
L5620.0	505621.0	5408471.1	17649.50000	317.72	39.23	48.829193	-86.923411	55805.17	56244.6	5.44	55810.61	55844.42188	55557.33407	55562.98828	505621.0	5408471.1
L5620.0	505621.0	5408469.4	17649.59961	316.82	40.24	48.829178	-86.923411	55805.86	56244.6	5.44	55811.30	55844.82031	55565.50233	55570.53125	505621.0	5408469.4
L5620.0	505621.0	5408468.5	17649.69922	316.18	40.24	48.829169	-86.923411	55806.76	56244.6	5.44	55812.20	55845.42969	55571.16868	55575.58203	505621.0	5408468.5
L5620.0	505621.0	5408468.5	17649.80078	314.55	39.62	48.829169	-86.923411	55808.13	56244.6	5.44	55813.57	55846.50781	55581.25198	55585.06641	505621.0	5408468.5
L5620.0	505621.0	5408466.7	17649.90039	314.09	39	48.829154	-86.923411	55809.78	56244.6	5.44	55815.22	55847.86719	55591.02722	55594.25781	505621.0	5408466.7
L5620.0	505621.0	5408465.3	17650.00000	314.47	39.7	48.829141	-86.923412	55811.82	56244.6	5.44	55817.26	55849.61328	55603.56997	55606.22656	505621.0	5408465.3
L5620.0	505621.0	5408464.2	17650.09961	314.56	39.7	48.829131	-86.923412	55814.07	56244.6	5.44	55819.51	55851.57422	55614.56516	55616.66797	505621.0	5408464.2
L5620.0	505621.0	5408462.9	17650.19922	315.01	38.05	48.829119	-86.923412	55816.70	56244.6	5.44	55822.14	55853.91016	55628.69833	55630.25781	505621.0	5408462.9
L5620.0	505621.0	5408461.2	17650.30078	314.81	38.05	48.829104	-86.923412	55819.58	56244.6	5.44	55825.02	55856.50000	55643.03752	55644.07422	505621.0	5408461.2
L5620.0	505621.0	5408461.2	17650.40039	315.90	35.4	48.829104	-86.923412	55822.68	56244.6	5.44	55828.11	55859.30469	55656.98953	55657.51563	505621.0	5408461.2
L5620.0	505621.0	5408459.5	17650.50000	317.91	34.88	48.829089	-86.923412	55825.99	56244.6	5.43	55831.43	55862.33594	55671.52144	55671.55469	505621.0	5408459.5
L5620.0	505621.0	5408458.2	17650.59961	316.44	38.8	48.829077	-86.923412	55829.48	56244.6	5.43	55834.91	55865.53125	55685.30740	55684.86328	505621.0	5408458.2
L5620.0	505621.0	5408456.8	17650.69922	315.67	38.8	48.829064	-86.923412	55833.15	56244.6	5.43	55838.58	55868.91406	55699.62003	55698.71484	505621.0	5408456.8
L5620.0	505621.0	5408456.8	17650.80078	316.49	41.76	48.829064	-86.923412	55836.96	56244.6	5.43	55842.39	55872.44531	55713.67586	55712.32813	505621.0	5408456.8
L5620.0	505621.0	5408454.8	17650.90039	316.78	43.65	48.829047	-86.923412	55840.79	56244.6	5.43	55846.22	55875.99609	55724.79967	55723.02734	505621.0	5408454.8
L5620.0	505621.0	5408453.6	17651.00000	318.54	43.65	48.829036	-86.923412	55844.75	56244.6	5.43	55850.18	55879.67969	55736.37368	55734.19531	505621.0	5408453.6
L5620.0	505621.0	5408451.9	17651.09961	318.51	43.16	48.829020	-86.923412	55848.73	56244.6	5.43	55854.16	55883.38281	55746.59127	55744.02344	505621.0	5408451.9
L5620.0	505621.0	5408451.9	17651.19922	318.14	42.99	48.829020	-86.923412	55852.85	56244.6	5.42	55858.27	55887.22266	55764.87568	55761.93750	505621.0	5408451.9
L5620.0	505621.0	5408450.2	17651.30078	318.01	40.63	48.829005	-86.923412	55857.05	56244.6	5.42	55862.47	55891.15625	55783.24445	55779.95703	505621.0	5408450.2
L5620.0	505621.0	5408448.7	17651.40039	317.69	40.63	48.828992	-86.923412	55861.23	56244.6	5.42	55866.64	55895.06250	55799.84167	55796.22266	505621.0	5408448.7
L5620.0	505621.0	5408447.0	17651.50000	318.17	46.42	48.828977	-86.923412	55865.42	56244.6	5.42	55870.83	55898.99219	55815.63531	55811.70313	505621.0	5408447.0
L5620.0	505621.0	5408445.3	17651.59961	319.96	46.45	48.828961	-86.923412	55869.57	56244.6	5.41	55874.99	55902.89844	55829.87658	55825.64844	505621.0	5408445.3
L5620.0	505621.0	5408445.3	17651.69922	320.22	42.73	48.828961	-86.923412	55873.79	56244.6	5.41	55879.20	55906.85547	55844.08013	55839.57813	505621.0	5408445.3
L5620.0	505621.0	5408443.8	17651.80078	318.64	42.77	48.828948	-86.923412	55877.87	56244.6	5.41	55883.27	55910.67969	55855.04061	55850.28516	505621.0	5408443.8
L5620.0	505621.0	5408442.4	17651.90039	320.86	42.95	48.828935	-86.923412	55882.07	56244.6	5.40	55887.47	55914.63672	55867.64877	55862.66016	505621.0	5408442.4
L5620.0	505621.0	5408440.9	17652.00000	320.13	42.95	48.828922	-86.923412	55886.16	56244.6	5.40	55891.56	55918.48828	55877.80319	55872.60156	505621.0	5408440.9
L5620.0	505621.0	5408439.5	17652.09961	319.89	37.83	48.828909	-86.923412	55890.21	56244.6	5.40	55895.61	55922.30859	55886.88006	55881.48438	505621.0	5408439.5
L5620.0	505621.0	5408438.5	17652.19922	321.48	44.17	48.828900	-86.923412	55894.23	56244.6	5.40	55899.63	55926.10156	55895.20215	55889.63281	505621.0	5408438.5
L5620.0	505621.0	5408438.5	17652.30078	320.89	41.15	48.828900	-86.923412	55898.25	56244.6	5.40	55903.65	55929.90234	55903.45734	55897.73828	505621.0	5408438.5
L5620.0	505621.0	5408436.8	17652.40039	319.70	41.15	48.828885	-86.923412	55902.13	56244.6	5.40	55907.53	55933.56641	55909.25845	55903.41016	505621.0	5408436.8
L5620.0	505621.0	5408435.9	17652.50000	318.87	44.94	48.828876	-86.923412	55906.02	56244.6	5.40	55911.42	55937.25000	55915.45649	55909.49609	505621.0	5408435.9
L5620.0	505621.0	5408434.1	17652.59961	320.31	42.39	48.828861	-86.923412	55909.82	56244.6	5.40	55915.22	55940.84766	55920.37637	55914.32813	505621.0	5408434.1
L5620.0	505621.0	5408432.7	17652.69922	319.60	42.39	48.828847	-86.923412	55913.54	56244.6	5.40	55918.94	55944.37109	55924.32864	55918.21484	505621.0	5408432.7
L5620.0	505621.0	5408432.7	17652.80078	317.61	40.59	48.828847	-86.923412	55917.18	56244.6	5.40	55922.58	55947.82031	55927.43747	55921.27734	505621.0	5408432.7
L5620.0	505621.0	5408431.0	17652.90039	316.40	45.24	48.828832	-86.923412	55920.74	56244.6	5.40	55926.14	55951.19922	55929.82025	55923.63672	505621.0	5408431.0
L5620.0	505621.0	5408429.5	17653.00000	316.16	45.24	48.828819	-86.923412	55924.23	56244.6	5.40	55929.63	55954.51563	55931.76760	55925.58203	505621.0	5408429.5
L5620.0	505621.0	5408428.2	17653.09961	316.12	43.26	48.828807	-86.923412	55927.65	56244.6	5.40	55933.05	55957.76953	55933.37889	55927.21094	505621.0	5408428.2
L5620.0	505621.0	5408426.8	17653.19922	318.81	43.32	48.828794	-86.923413	55931.06	56244.6	5.40	55936.46	55961.01953	55935.82851	55929.70313	505621.0	5408426.8
L5620.0	505621.0	5408426.8	17653.30078	320.04	42.08	48.828794	-86.923413	55934.27	56244.6	5.40	55939.68	55964.08594	55935.93875	55929.87500	505621.0	5408426.8
L5620.0	505620.9	5408424.2	17653.40039	321.73	42.08	48.828772	-86.923413	55937.48	56244.6	5.40	55942.89	55967.15234	55937.03331	55931.05469	505620.9	5408424.2
L5620.0	505620.9	5408423.1	17653.50000	321.11	39.51	48.828761	-86.923413	55940.57	56244.6	5.41	55945.98	55970.10547	55937.18496	55931.31250	505620.9	5408423.1
L5620.0	505620.9	5408421.9	17653.59961	319.99	40.57	48.828750	-86.923413	55943.61	56244.6	5.41	55949.01	55973.00781	55937.52297	55931.77734	505620.9	5408421.9
L5620.0	505620.9	5408420.4	17653.69922	319.36	44.94	48.828737	-86.923414	55946.57	56244.6	5.41	55951.97	55975.84766	55937.90434	55932.30859	505620.9	5408420.4
L5620.0	505620.9	5408420.4	17653.80078	318.71	44.94	48.828737	-86.923414	55949.43	56244.6	5.41	55954.83	55978.59766	55937.82156	55932.39453	505620.9	5408420.4
L5620.0	505620.9	5408419.0	17653.90039	319.68	41.61	48.828724	-86.923414	55952.26	56244.6	5.41	55957.67	55981.33594	55938.72056	55933.48828	505620.9	5408419.0
L5620.0	505620.9	5408417.5	17654.00000	320.97	42.18	48.828711	-86.923414	55955.02	56244.6	5.41	55960.43	55984.00000	55939.53834	55934.51953	505620.9	5408417.5
L5620.0	505620.9	5408415.9	17654.09961	319.69	42.18	48.828696	-86.923414	55957.70	56244.6	5.41	55963.11	55986.59375	55940.27682	55935.49609	505620.9	5408415.9
L5620.0	505620.9	5408415.9	17654.19922	320.19	44.86	48.828696	-86.923414	55960.31	56244.6	5.40	55965.71	55989.11719	55940.93015	55936.40234	505620.9	5408415.9
L5620.0	505620.9	5408414.7	17654.30078	318.28	48.21	48.828685	-86.923414	55962.88	56244.6	5.40	55968.28	55991.62109	55942.36328	55938.11328	505620.9	5408414.7
L5620.0	505620.9	5408413.2	17654.40039	317.50	48.21	48.828672	-86.923414	55965.36	56244.6	5.39	55970.76	55994.04297	55943.49597	55939.54688	505620.9	5408413.2
L5620.0	505620.9	5408411.5	17654.50000	318.34	48.4	48.828657	-86.923414	55967.76	56244.6	5.39	55973.15	55996.38281	55944.30207	55940.67188	505620.9	5408411.5
L5620.0	505620.9	5408410.8	17654.59961	318.55	46.18	48.828651	-86.923414	55970.14	56244.6	5.39	55975.53	55998.72266	55946.14241	55942.85547	505620.9	5408410.8
L5620.0	505620.9	5408409.2	17654.69922	318.51	46.18	48.828636	-86.923413	55972.42	56244.6	5.38	55977.80	56000.96094	55947.23476	55944.30859	505620.9	5408409.2
L5620.0	505620.9	5408409.2	17654.80078	318.40	46.35	48.828636	-86.923413	55974.70	56244.6	5.38	55980.08	56003.21875	55949.62122	55947.07422	505620.9	5408409.2
L5620.0	505621.0	5408407.7	17654.90039	317.82	46.78	48.828623	-86.923413	55976.87	56244.6	5.37	55982.25	56005.37891	55951.17294	55949.03125	505621.0	5408407.7
L5620.0	505621.0	5408406.3	17655.00000	317.22	45	48.828611	-86.923412	55978.92	56244.6	5.37	55984.29	56007.41406	55951.50303	55949.78516	505621.0	5408406.3
L5620.0	505621.1	5408405.0	17655.09961	318.46	45.55	48.828598	-86.923412	55980.99	56244.6	5.37	55986.36	56009.49219	55953.32790	55952.05078	505621.1	5408405.0
L5620.0	505621.1	5408403.5	17655.19922	318.63	45.55	48.828585	-86.923411	55982.99	56244.6	5.37	55988.36	56011.50781	55954.86893	55954.05469	505621.1	5408403.5
L5620.0	505621.1	5408402.1	17655.30078	318.02	48.78	48.828573	-86.923411	55984.99	56244.6	5.37	55990.36	56013.53516	55957.28225	55956.94922	505621.1	5408402.1
L5620.0	505621.1	5408402.1	17655.40039	316.51	48.75	48.828573	-86.923411	55986.91	56244.6	5.37	55992.29	56015.50000	55959.31048	55959.47656	505621.1	5408402.1
L5620.0	505621.2	5408400.7	17655.50000	316.78	45.1	48.828560	-86.923410	55988.81	56244.6	5.38	55994.19	56017.44531	55961.59331	55962.28125	505621.2	5408400.7
L5620.0	505621.3	5408398.9	17655.59961	316.13	45.1	48.828544	-86.923409	55990.63	56244.6	5.38	55996.01	56019.32031	55963.21797	55964.44531	505621.3	5408398.9

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5620.0	505621.3	5408397.5	17655.69922	317.07	48.01	48.828531	-86.923409	55992.43	56244.6	5.38	55997.80	56021.17188	55964.99763	55966.78125	505621.3	5408397.5
L5620.0	505621.3	5408396.6	17655.80078	318.09	48.01	48.828523	-86.923408	55994.18	56244.6	5.38	55999.55	56022.99609	55966.71209	55969.07031	505621.3	5408396.6
L5620.0	505621.3	5408396.6	17655.90039	318.94	49.88	48.828523	-86.923408	55995.94	56244.6	5.38	56001.32	56024.85156	55969.35573	55972.30859	505621.3	5408396.6
L5620.0	505621.4	5408394.8	17656.00000	319.47	48.96	48.828506	-86.923407	55997.59	56244.6	5.38	56002.97	56026.59375	55970.45325	55974.01563	505621.4	5408394.8
L5620.0	505621.4	5408393.4	17656.09961	318.25	48.96	48.828494	-86.923407	55999.31	56244.6	5.38	56004.69	56028.41797	55973.26374	55977.45313	505621.4	5408393.4
L5620.0	505621.4	5408393.4	17656.19922	319.81	50.54	48.828494	-86.923407	56000.93	56244.6	5.38	56006.30	56030.13672	55974.61161	55979.44531	505621.4	5408393.4
L5620.0	505621.5	5408391.3	17656.30078	320.16	42.36	48.828475	-86.923406	56002.62	56244.6	5.38	56008.00	56031.96094	55977.95274	55983.44922	505621.5	5408391.3
L5620.0	505621.5	5408390.4	17656.40039	320.27	41.87	48.828467	-86.923406	56004.21	56244.6	5.38	56009.59	56033.67969	55979.75292	55985.92578	505621.5	5408390.4
L5620.0	505621.5	5408389.2	17656.50000	319.40	40.78	48.828457	-86.923406	56005.78	56244.6	5.38	56011.16	56035.39063	55981.55330	55988.42188	505621.5	5408389.2
L5620.0	505621.6	5408387.8	17656.59961	318.34	40.78	48.828443	-86.923405	56007.38	56244.6	5.37	56012.75	56037.12891	55984.03126	55991.60938	505621.6	5408387.8
L5620.0	505621.6	5408387.8	17656.69922	316.91	45.16	48.828443	-86.923405	56008.84	56244.6	5.37	56014.22	56038.75781	55984.68365	55992.98438	505621.6	5408387.8
L5620.0	505621.6	5408386.2	17656.80078	317.17	47	48.828429	-86.923405	56010.38	56244.6	5.37	56015.76	56040.46484	55986.84981	55995.89063	505621.6	5408386.2
L5620.0	505621.6	5408384.8	17656.90039	318.34	47	48.828416	-86.923405	56011.88	56244.6	5.37	56017.25	56042.13281	55988.38140	55998.17578	505621.6	5408384.8
L5620.0	505621.6	5408383.2	17657.00000	318.72	44.18	48.828403	-86.923405	56013.34	56244.6	5.37	56018.71	56043.78125	55989.61177	56000.17188	505621.6	5408383.2
L5620.0	505621.6	5408381.7	17657.09961	318.68	47.47	48.828388	-86.923405	56014.76	56244.6	5.37	56020.13	56045.39453	55990.34357	56001.68750	505621.6	5408381.7
L5620.0	505621.6	5408381.7	17657.19922	317.97	50.23	48.828388	-86.923405	56016.23	56244.6	5.37	56021.60	56047.06641	55992.17375	56004.31250	505621.6	5408381.7
L5620.0	505621.6	5408380.4	17657.30078	320.21	50.23	48.828377	-86.923405	56017.62	56244.6	5.37	56022.99	56048.66797	55992.76348	56005.70703	505621.6	5408380.4
L5620.0	505621.6	5408378.9	17657.40039	319.36	48.63	48.828364	-86.923405	56019.09	56244.6	5.37	56024.45	56050.35156	55994.79356	56008.55859	505621.6	5408378.9
L5620.0	505621.5	5408377.4	17657.50000	320.05	48.63	48.828351	-86.923406	56020.45	56244.6	5.37	56025.82	56051.94922	55995.38223	56009.97656	505621.5	5408377.4
L5620.0	505621.5	5408376.2	17657.59961	320.92	48.63	48.828340	-86.923406	56021.85	56244.6	5.36	56027.21	56053.57813	55996.49849	56011.93750	505621.5	5408376.2
L5620.0	505621.5	5408375.0	17657.69922	320.78	53.18	48.828328	-86.923406	56023.16	56244.6	5.36	56028.52	56055.13281	55996.33897	56012.63281	505621.5	5408375.0
L5620.0	505621.5	5408373.5	17657.80078	319.63	52.05	48.828315	-86.923406	56024.57	56244.6	5.36	56029.94	56056.80859	55998.32522	56015.48047	505621.5	5408373.5
L5620.0	505621.4	5408372.1	17657.90039	319.52	57.18	48.828302	-86.923407	56025.92	56244.6	5.36	56031.28	56058.41016	55999.02463	56017.05859	505621.4	5408372.1
L5620.0	505621.4	5408372.1	17658.00000	318.99	57.18	48.828302	-86.923407	56027.23	56244.6	5.36	56032.59	56059.98828	55999.33301	56018.25000	505621.4	5408372.1
L5620.0	505621.4	5408370.1	17658.09961	319.17	57.1	48.828285	-86.923408	56028.52	56244.6	5.36	56033.88	56061.55469	55999.42713	56019.23828	505621.4	5408370.1
L5620.0	505621.4	5408370.1	17658.19922	320.30	57.1	48.828285	-86.923408	56029.84	56244.6	5.36	56035.20	56063.16016	56000.21040	56020.92578	505621.4	5408370.1
L5620.0	505621.4	5408368.4	17658.30078	319.48	49.64	48.828269	-86.923408	56031.11	56244.6	5.36	56036.46	56064.71484	56000.04593	56021.67188	505621.4	5408368.4
L5620.0	505621.3	5408367.3	17658.40039	319.86	54.19	48.828259	-86.923409	56032.37	56244.6	5.36	56037.72	56066.27344	56000.01859	56022.56641	505621.3	5408367.3
L5620.0	505621.3	5408366.0	17658.50000	320.64	54.76	48.828248	-86.923409	56033.68	56244.6	5.36	56039.04	56067.90234	56001.23356	56024.71094	505621.3	5408366.0
L5620.0	505621.3	5408363.7	17658.59961	320.35	54.76	48.828227	-86.923410	56034.90	56244.6	5.35	56040.25	56069.42578	56000.55877	56024.96875	505621.3	5408363.7
L5620.0	505621.3	5408363.7	17658.69922	320.73	49.19	48.828227	-86.923410	56036.11	56244.6	5.35	56041.47	56070.96484	56000.19824	56025.55078	505621.3	5408363.7
L5620.0	505621.2	5408361.9	17658.80078	318.96	49.19	48.828210	-86.923410	56037.35	56244.6	5.35	56042.70	56072.52344	56000.16191	56026.46094	505621.2	5408361.9
L5620.0	505621.2	5408360.4	17658.90039	318.77	49.26	48.828197	-86.923410	56038.59	56244.6	5.35	56043.95	56074.10938	56000.65795	56027.91406	505621.2	5408360.4
L5620.0	505621.2	5408360.4	17659.00000	319.53	48	48.828197	-86.923410	56039.81	56244.7	5.35	56045.15	56075.64844	56000.36032	56028.57813	505621.2	5408360.4
L5620.0	505621.2	5408359.1	17659.09961	319.18	48	48.828185	-86.923411	56041.04	56244.7	5.35	56046.38	56077.22656	56000.81708	56030.00000	505621.2	5408359.1
L5620.0	505621.2	5408357.9	17659.19922	319.00	53.65	48.828175	-86.923411	56042.14	56244.7	5.34	56047.48	56078.67969	55998.88964	56029.03906	505621.2	5408357.9
L5620.0	505621.2	5408356.6	17659.30078	318.79	53.65	48.828163	-86.923411	56043.42	56244.7	5.33	56048.75	56080.30859	56000.54018	56031.66406	505621.2	5408356.6
L5620.0	505621.2	5408355.1	17659.40039	317.89	58.4	48.828150	-86.923411	56044.56	56244.7	5.33	56049.89	56081.81250	55999.79537	56031.89844	505621.2	5408355.1
L5620.0	505621.2	5408353.7	17659.50000	317.43	59.74	48.828137	-86.923411	56045.75	56244.7	5.33	56051.07	56083.36328	56000.09220	56033.17969	505621.2	5408353.7
L5620.0	505621.1	5408352.2	17659.59961	318.94	57.98	48.828124	-86.923411	56046.91	56244.7	5.32	56052.23	56084.90234	56000.22279	56034.29297	505621.1	5408352.2
L5620.0	505621.1	5408352.2	17659.69922	325.73	58.22	48.828124	-86.923411	56048.07	56244.7	5.32	56053.39	56086.44141	56000.61996	56035.67969	505621.1	5408352.2
L5620.0	505621.1	5408350.5	17659.80078	326.08	58.22	48.828108	-86.923412	56049.24	56244.7	5.31	56054.55	56087.98828	56001.30733	56037.35547	505621.1	5408350.5
L5620.0	505621.1	5408349.6	17659.90039	325.17	57	48.828100	-86.923412	56050.33	56244.7	5.31	56055.64	56089.46875	56000.76309	56037.80469	505621.1	5408349.6
L5620.0	505621.1	5408347.0	17660.00000	326.04	57	48.828077	-86.923412	56051.49	56244.7	5.30	56056.79	56091.01563	56001.85082	56039.88672	505621.1	5408347.0
L5620.0	505621.1	5408347.0	17660.09961	326.57	59.19	48.828077	-86.923412	56052.63	56244.7	5.31	56057.94	56092.56641	56003.27977	56042.30859	505621.1	5408347.0
L5620.0	505621.1	5408345.6	17660.19922	327.54	59.19	48.828064	-86.923412	56053.74	56244.7	5.31	56059.05	56094.08203	56004.14561	56044.17188	505621.1	5408345.6
L5620.0	505621.1	5408344.2	17660.30078	329.07	60.87	48.828052	-86.923412	56054.86	56244.7	5.32	56060.18	56095.62500	56005.81501	56046.83594	505621.1	5408344.2
L5620.0	505621.0	5408342.7	17660.40039	327.70	62.48	48.828038	-86.923413	56055.97	56244.7	5.32	56061.29	56097.14844	56007.37341	56049.39453	505621.0	5408342.7
L5620.0	505621.0	5408342.7	17660.50000	329.91	64.44	48.828038	-86.923413	56056.98	56244.7	5.33	56062.31	56098.58594	56007.16392	56050.17969	505621.0	5408342.7
L5620.0	505621.0	5408341.4	17660.59961	328.78	64.44	48.828026	-86.923413	56058.12	56244.7	5.34	56063.45	56100.14844	56010.10052	56054.11328	505621.0	5408341.4
L5620.0	505621.0	5408339.6	17660.69922	329.54	57.99	48.828010	-86.923413	56059.16	56244.7	5.34	56064.50	56101.62500	56011.23812	56056.25000	505621.0	5408339.6
L5620.0	505621.0	5408338.6	17660.80078	327.43	56.2	48.828001	-86.923413	56060.24	56244.7	5.35	56065.59	56103.14453	56013.63067	56059.63672	505621.0	5408338.6
L5620.0	505621.0	5408337.3	17660.90039	327.60	56.2	48.827989	-86.923414	56061.26	56244.6	5.35	56066.61	56104.59766	56014.63742	56061.63672	505621.0	5408337.3
L5620.0	505621.0	5408337.3	17661.00000	326.31	57.74	48.827989	-86.923414	56062.34	56244.6	5.36	56067.70	56106.12500	56017.57396	56065.56641	505621.0	5408337.3
L5620.0	505621.0	5408334.7	17661.09961	325.57	61.6	48.827966	-86.923414	56063.25	56244.6	5.36	56068.61	56107.47266	56016.44537	56065.42578	505621.0	5408334.7
L5620.0	505621.0	5408334.7	17661.19922	327.79	61.6	48.827966	-86.923414	56064.37	56244.6	5.36	56069.72	56109.02734	56020.31979	56070.28906	505621.0	5408334.7
L5620.0	505620.9	5408333.1	17661.30078	327.80	61.6	48.827952	-86.923414	56065.33	56244.6	5.35	56070.68	56110.43359	56020.80590	56071.76172	505620.9	5408333.1
L5620.0	505620.9	5408331.6	17661.40039	326.86	56.85	48.827938	-86.923415	56066.32	56244.6	5.35	56071.67	56111.87109	56022.19575	56074.13281	505620.9	5408331.6
L5620.0	505620.9	5408330.2	17661.50000	325.76	58.4	48.827926	-86.923415	56067.35	56244.7	5.35	56072.70	56113.35156	56024.71401	56077.63281	505620.9	5408330.2
L5620.0	505620.9	5408328.5	17661.59961	325.74	58.36	48.827911	-86.923415	56068.29	56244.7	5.35	56073.63	56114.73438	56024.99147	56078.88672	505620.9	5408328.5
L5620.0	505620.9	5408328.5	17661.69922	326.20	58.36	48.827911	-86.923415	56069.27	56244.7	5.35	56074.62	56116.17969	56026.85880	56081.72656	505620.9	5408328.5
L5620.0	505620.8	5408327.1	17661.80078	326.30	59.85	48.827898	-86.923416	56070.23	56244.7	5.34	56075.57	56117.58984	56027.91379	56083.75000	505620.8	5408327.1
L5620.0	505620.8	5408325.7	17661.90039	326.01	58.99	48.827885	-86.923416	56071.27	56244.7	5.34	56076.61	56119.08984	56031.27701	56088.07813	505620.8	5408325.7
L5620.0	505620.8	5408324.2	17662.00000	326.39	58.99	48.827871	-86.923416	56072.16	56244.7	5.34	56077.50	56120.44141	56031.18176	56088.94531	505620.8	5408324.2
L5620.0	505620.8	5408324.2	17662.09961	326.39	62.96	48.827871	-86.923416	56073.06	56244.7	5.34	56078.40	56121.80469	56031.46885	56090.19141	505620.8	5408324.2
L5620.0	505620.8	5408322.1	17662.19922	325.47	68.01	48.827853	-86.923417	56073.96	56244.7	5.34	56079.29	56123.16016	56031.65954	56091.33594	505620.8	5408322.1
L5620.0	505620.7	5408320.6	17662.30078	327.48	68.01	48.827839	-86.923417	56074.86	56244.7	5.33	56080.19	56124.52734	56032.23653	56092.85938	505620.7	5408320.6
L5620.0	505620.7	5408319.2	17662.40039	328.20	58.13	48.827826	-86.923417	56075.75	56244.7	5.33	56081.08	56125.88672	56032.71638	56094.28125	505620.7	5408319.2
L5620.0	505620.7	5408319.2	17662.50000	327.95	58.13	48.827826	-86.923417	56076.66	56244.7	5.33	56081.99	56127.26563	56033.82193	56096.32813	505620.7	5408319.2
L5620.0	505620.7	5408317.1	17662.59961	328.53	61.65	48.827808	-86.923418	56077.52	56244.7	5.33	56082.85	56128.59375	56033.86615	56097.30469	505620.7	5408317.1
L5620.0	505620.7	5408317.1	17662.69922	329.50	61.65	48.827808	-86.923418	56078.43	56244.7	5.33	56083.76	56129.97656	56035.26058	56099.62500	505620.7	5408317.1
L5620.0	505620.7	5408315.6	17662.80078	328.56	61.65	48.827794	-86.923418	56079.26	56244.7	5.32	56084.59	56131.28125	56034.87521	56100.16406	505620.7	5408315.6
L5620.0	505620.6	5408314.2	17662.90039	328.57	69.23	48.827781	-86.923419	56080.15	56244.7	5.32	56085.47	56132.63281	56035.84399	56102.04688	505620.6	5408314.2
L5620.0	505620.6	5408312.8	17663.00000	328.51	69.23	48.827769	-86.923419	56081.00	56244.7	5.32	56086.32	56133.95703	56036.24349	56103.35938	505620.6	5408312.8
L5620.0	505620.6	5408311.1	17663.09961	327.75	69.58	48.827754	-86.923419	56081.82	56244.7	5.32	56087.15	56135.26172	56036.31679	56104.33594	505620.6	5408311.1
L5620.0	505620.6	5408311.1	17663.19922	326.33	62.31	48.827754	-86.923419	56082.68	56244.7	5.33	56088.01	56136.59766	56037.26598	56106.18359	505620.6	5408311.1
L5620.0	505620.5	5408309.1	17663.30078	325.75	62.31	48.827736	-86.923420	56083.57	56244.7	5.33	56088.89	56137.95313	56038.85140	56108.66406	505620.5	5408309.1
L5620.0	505620.5	5408307.8	17663.40039	325.75	62.9	48.827724	-86.923420	56084.42	56244.7	5.33	56089.75	56139.28906	56040.11377	56110.81250	505620.5	5408307.8
L5620.0	505620.5	5408306.6	17663.50000	325.30	62.9	48.827714	-86.923420	56085.26	56244.7	5.33	56090.59	56140.60547	56041.05392	56112.63281	505620.5	5408306.6
L5620.0	505620.5	5408305.2	17663.59961	326.17	68.6	48.827700	-86.923420	56085.99	56244.7	5.34	56091.33	56141.82031	56039.76672	56112.21875	505620.5	5408305.2
L5620.0	505620.5	5408303.8	17663.69922	326.30	68.6	48.827688	-86.923420	56086.73	56244.7	5.34	56092.07	56143.03906	56038.64093	56111.96094	505620.5	5408303.8
L5620.0	505620.5	5408303.8	17663.80078	325.75	65.61	48.827688	-86.923420	56087.54	56244.7	5.34	56092.88	56144.32422	56039.33268	56113.51172	505620.5	5408303.8
L5620.0	505620.5	5408302.2	17663.90039	325.72	65.61	48.827673	-86.923420	56088.32	56244.7	5.35	56093.67	56145.58984	56039.69286	56114.72656	505620.5	5408302.2
L5620.0	505620.5	5408300.8	17664.00000	325.77	68.13	48.827661	-86.923420	56089.13	56244.7	5.35	56094.48	56146.87500	56040.66437	56116.54688	505620.5	5408300.8
L5620.0	505620.5	5408300.8	17664.09961	325.91	63.77	48.827661	-86.923420	56089.94	56244.7	5.35	56095.29	56148.16016	56041.76443	56118.48438	505620.5	5408300.8
L5620.0	505620.6	5408299.4	17664.19922	327.03	66.64	48.827648	-86.923420	56090.70	56244.7	5.35	56096.04	56149.38281	56041.57025	56119.12500	505620.6	5408299.4
L5620.0	505620.6	5408298.3	17664.30078	327.12	66.64	48.827638	-86.923419	56091.41	56244.7	5.34	56096.75	56150.56641	56040.55123	56118.93359	505620.6	5408298.3
L5620.0	505620.6	5408296.9	17664.40039	326.54	65.74	48.827626	-86.923419	56092.17	56244.7	5.34	56097.51	56151.80078	56040.82691	56120.03125	505620.6	5408296.9
L5620.0	505620.7	5408295.3	17664.50000	327.64	65.74	48.827612	-86.923418	56092.84	56244.7	5.34	56098.18	56152.94531	56039.08467	56119.10156	505620.7	5408295.3
L5620.0	505620.7	5408295.3	17664.59961	327.37	69.81	48.827612	-86.923418	56093.54	56244.7	5.34	56098.88	56154.11719	56038.15021	56118.97266	505620.7	5408295.3
L5620.0	505620.8	5408293.5	17664.69922	326.64	69.81	48.827596	-86.923417	56094.29	56244.7	5.34	56099.62	56155.32422	56038.26214	56119.88672	505620.8	5408293.5
L5620.0	505620.8	5408292.3	17664.80078	326.55	70.95	48.827585	-86.923416	56094.96	56244.7	5.33	56100.30	56156.47656	56037.05444	56119.47266	505620.8	5408292.3
L5620.0	505620.8	5408292.3	17664.90039	327.33	70.95	48.827585	-86.923416	56095.66	56244.7	5.33	56100.99	56157.63281	56036.17877	56119.38281	505620.8	5408292.3

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5620.0	505620.9	5408290.5	17665.00000	327.55	68.4	48.827568	-86.923415	56096.36	56244.7	5.33	56101.69	56158.80078	56035.63090	56119.61328	505620.9	5408290.5
L5620.0	505620.9	5408289.6	17665.09961	326.89	67.83	48.827560	-86.923415	56097.10	56244.7	5.33	56102.43	56160.00781	56036.11703	56120.87109	505620.9	5408289.6
L5620.0	505621.0	5408288.6	17665.19922	326.88	68.62	48.827551	-86.923414	56097.84	56244.7	5.33	56103.16	56161.20313	56036.44447	56121.96484	505621.0	5408288.6
L5620.0	505621.0	5408286.9	17665.30078	326.60	68.62	48.827537	-86.923414	56098.56	56244.7	5.32	56103.88	56162.38281	56036.60262	56122.88281	505621.0	5408286.9
L5620.0	505621.1	5408285.6	17665.40039	325.69	68.01	48.827525	-86.923413	56099.31	56244.7	5.32	56104.63	56163.59766	56037.53072	56124.55859	505621.1	5408285.6
L5620.0	505621.1	5408284.3	17665.50000	326.78	69.14	48.827512	-86.923413	56100.06	56244.7	5.32	56105.38	56164.80469	56038.50316	56126.27734	505621.1	5408284.3
L5620.0	505621.1	5408284.3	17665.59961	327.14	71.5	48.827512	-86.923413	56100.76	56244.7	5.32	56106.08	56165.96484	56038.31808	56126.82813	505621.1	5408284.3
L5620.0	505621.1	5408282.6	17665.69922	326.78	71.5	48.827498	-86.923413	56101.61	56244.7	5.32	56106.92	56167.25781	56041.49271	56130.73438	505621.1	5408282.6
L5620.0	505621.1	5408282.6	17665.80078	325.10	73.53	48.827498	-86.923413	56102.28	56244.7	5.31	56107.59	56168.38281	56040.62473	56130.58984	505621.1	5408282.6
L5620.0	505621.1	5408280.8	17665.90039	326.11	73.53	48.827482	-86.923412	56103.04	56244.7	5.31	56108.35	56169.59766	56041.90105	56132.58203	505621.1	5408280.8
L5620.0	505621.1	5408279.4	17666.00000	327.13	71.99	48.827469	-86.923412	56103.73	56244.7	5.31	56109.04	56170.73438	56041.49443	56132.88281	505621.1	5408279.4
L5620.0	505621.1	5408277.9	17666.09961	326.38	71.99	48.827455	-86.923412	56104.48	56244.7	5.31	56109.79	56171.93359	56042.49209	56134.58594	505621.1	5408277.9
L5620.0	505621.1	5408276.6	17666.19922	326.61	74.44	48.827443	-86.923412	56105.24	56244.7	5.31	56110.55	56173.14063	56043.68990	56136.47656	505621.1	5408276.6
L5620.0	505621.1	5408275.2	17666.30078	326.82	74.46	48.827430	-86.923412	56105.98	56244.7	5.31	56111.29	56174.32422	56044.36380	56137.83984	505621.1	5408275.2
L5620.0	505621.1	5408275.2	17666.40039	327.09	72.06	48.827430	-86.923412	56106.69	56244.7	5.31	56112.00	56175.47266	56044.26830	56138.42578	505621.1	5408275.2
L5620.0	505621.1	5408273.4	17666.50000	326.29	72.06	48.827414	-86.923413	56107.44	56244.7	5.32	56112.75	56176.66016	56045.05605	56139.88672	505621.1	5408273.4
L5620.0	505621.1	5408271.8	17666.59961	327.85	67.43	48.827400	-86.923413	56108.18	56244.7	5.32	56113.49	56177.83594	56045.53260	56141.02734	505621.1	5408271.8
L5620.0	505621.1	5408271.8	17666.69922	327.13	67.43	48.827400	-86.923413	56108.96	56244.7	5.32	56114.27	56179.05078	56046.86960	56143.02344	505621.1	5408271.8
L5620.0	505621.1	5408270.1	17666.80078	327.18	67.43	48.827385	-86.923413	56109.75	56244.7	5.32	56115.06	56180.26953	56048.34250	56145.14844	505621.1	5408270.1
L5620.0	505621.1	5408268.4	17666.90039	326.37	71.65	48.827370	-86.923413	56110.47	56244.7	5.32	56115.79	56181.42578	56048.29892	56145.75000	505621.1	5408268.4
L5620.0	505621.1	5408266.7	17667.00000	325.67	71.65	48.827354	-86.923413	56111.32	56244.7	5.32	56116.64	56182.69922	56050.94609	56149.03516	505621.1	5408266.7
L5620.0	505621.1	5408266.7	17667.09961	326.80	74.82	48.827354	-86.923413	56112.02	56244.7	5.32	56117.34	56183.82031	56049.96536	56148.68750	505621.1	5408266.7
L5620.0	505621.1	5408264.7	17667.19922	328.11	75.47	48.827337	-86.923413	56112.88	56244.7	5.32	56118.20	56185.09766	56052.56857	56151.91406	505621.1	5408264.7
L5620.0	505621.1	5408263.2	17667.30078	327.79	75.47	48.827323	-86.923413	56113.64	56244.7	5.32	56118.96	56186.27344	56052.70631	56152.66406	505621.1	5408263.2
L5620.0	505621.1	5408261.8	17667.40039	326.62	76.06	48.827310	-86.923413	56114.50	56244.7	5.32	56119.82	56187.54297	56054.99360	56155.56250	505621.1	5408261.8
L5620.0	505621.1	5408261.8	17667.50000	326.00	76.06	48.827310	-86.923413	56115.29	56244.7	5.32	56120.61	56188.73828	56055.50984	56156.67969	505621.1	5408261.8
L5620.0	505621.1	5408260.3	17667.59961	325.96	74.98	48.827297	-86.923413	56116.12	56244.7	5.32	56121.44	56189.97266	56056.77474	56158.53906	505621.1	5408260.3
L5620.0	505621.1	5408258.7	17667.69922	324.61	74.98	48.827282	-86.923413	56116.93	56244.7	5.32	56122.25	56191.18359	56057.41354	56159.76172	505621.1	5408258.7
L5620.0	505621.1	5408256.9	17667.80078	324.04	69.36	48.827266	-86.923414	56117.74	56244.7	5.32	56123.06	56192.39063	56057.88032	56160.80859	505621.1	5408256.9
L5620.0	505621.1	5408256.9	17667.90039	323.27	68.82	48.827266	-86.923414	56118.52	56244.7	5.32	56123.84	56193.56250	56057.50016	56160.99609	505621.1	5408256.9
L5620.0	505621.1	5408255.5	17668.00000	324.29	68.82	48.827254	-86.923414	56119.36	56244.7	5.32	56124.68	56194.78906	56058.29204	56162.35156	505621.1	5408255.5
L5620.0	505621.1	5408255.5	17668.09961	324.17	68.82	48.827254	-86.923414	56120.20	56244.7	5.32	56125.51	56196.00391	56058.67888	56163.29688	505621.1	5408255.5
L5620.0	505621.0	5408252.9	17668.19922	324.70	71.25	48.827230	-86.923414	56121.07	56244.7	5.32	56126.39	56197.26172	56059.99381	56165.15625	505621.0	5408252.9
L5620.0	505621.0	5408252.9	17668.30078	324.31	73.52	48.827230	-86.923414	56121.93	56244.7	5.32	56127.25	56198.49609	56060.67485	56166.37891	505621.0	5408252.9
L5620.0	505621.0	5408251.2	17668.40039	324.29	73.52	48.827215	-86.923414	56122.83	56244.7	5.32	56128.15	56199.76563	56062.04995	56168.28516	505621.0	5408251.2
L5620.0	505621.0	5408249.8	17668.50000	324.46	75.85	48.827202	-86.923414	56123.65	56244.7	5.32	56128.97	56200.95313	56061.46741	56168.22656	505621.0	5408249.8
L5620.0	505621.0	5408248.6	17668.59961	324.54	75.23	48.827191	-86.923414	56124.65	56244.7	5.32	56129.97	56202.31250	56064.66112	56171.93359	505621.0	5408248.6
L5620.0	505621.0	5408247.2	17668.69922	325.23	75.23	48.827178	-86.923414	56125.53	56244.7	5.32	56130.85	56203.55078	56065.02434	56172.80469	505621.0	5408247.2
L5620.0	505621.0	5408247.2	17668.80078	324.00	78.58	48.827178	-86.923414	56126.46	56244.7	5.32	56131.78	56204.83203	56066.30392	56174.58203	505621.0	5408247.2
L5620.0	505621.0	5408244.2	17668.90039	324.80	78.58	48.827152	-86.923414	56127.36	56244.7	5.32	56132.68	56206.07813	56066.74483	56175.51563	505621.0	5408244.2
L5620.0	505621.0	5408244.2	17669.00000	324.45	78.16	48.827152	-86.923414	56128.23	56244.7	5.32	56133.55	56207.28906	56066.35109	56175.60156	505621.0	5408244.2
L5620.0	505621.0	5408242.8	17669.09961	325.09	78.16	48.827139	-86.923414	56129.22	56244.7	5.32	56134.54	56208.61328	56068.42696	56178.15234	505621.0	5408242.8
L5620.0	505621.1	5408241.5	17669.19922	324.40	78.82	48.827127	-86.923414	56130.18	56244.7	5.32	56135.50	56209.90234	56069.68055	56179.87109	505621.1	5408241.5
L5620.0	505621.1	5408239.9	17669.30078	323.64	83.17	48.827113	-86.923414	56131.14	56244.7	5.33	56136.47	56211.19922	56070.99941	56181.64453	505621.1	5408239.9
L5620.0	505621.1	5408239.9	17669.40039	325.04	83.17	48.827113	-86.923414	56132.11	56244.7	5.33	56137.44	56212.48828	56072.16991	56183.26172	505621.1	5408239.9
L5620.0	505621.1	5408238.1	17669.50000	324.16	82.91	48.827097	-86.923413	56133.05	56244.7	5.33	56138.38	56213.74219	56072.53036	56184.05859	505621.1	5408238.1
L5620.0	505621.1	5408236.8	17669.59961	323.87	83.06	48.827085	-86.923413	56134.06	56244.7	5.33	56139.39	56215.05859	56074.31144	56186.26953	505621.1	5408236.8
L5620.0	505621.1	5408235.4	17669.69922	323.85	83.06	48.827072	-86.923413	56135.01	56244.7	5.33	56140.34	56216.30859	56074.62554	56187.00391	505621.1	5408235.4
L5620.0	505621.1	5408234.4	17669.80078	324.09	89.57	48.827064	-86.923413	56135.98	56244.7	5.34	56141.31	56217.57422	56075.25868	56188.04688	505621.1	5408234.4
L5620.0	505621.2	5408233.0	17669.90039	324.91	90.68	48.827051	-86.923413	56136.93	56244.7	5.34	56142.27	56218.82422	56075.54205	56188.73047	505621.2	5408233.0
L5620.0	505621.2	5408231.7	17670.00000	327.27	90.68	48.827039	-86.923412	56137.92	56244.7	5.34	56143.26	56220.09375	56076.38202	56189.96094	505621.2	5408231.7
L5620.0	505621.2	5408231.7	17670.09961	326.54	80.04	48.827039	-86.923412	56138.90	56244.7	5.34	56144.24	56221.35156	56076.88070	56190.83984	505621.2	5408231.7
L5620.0	505621.2	5408230.2	17670.19922	325.98	80.04	48.827026	-86.923412	56139.87	56244.7	5.34	56145.21	56222.58984	56077.04212	56191.37500	505621.2	5408230.2
L5620.0	505621.2	5408228.7	17670.30078	326.17	79.79	48.827012	-86.923412	56140.81	56244.7	5.34	56146.15	56223.79297	56076.40750	56191.10156	505621.2	5408228.7
L5620.0	505621.2	5408227.5	17670.40039	325.69	79.79	48.827002	-86.923412	56141.84	56244.7	5.34	56147.18	56225.07813	56077.75434	56192.79688	505621.2	5408227.5
L5620.0	505621.2	5408227.5	17670.50000	326.06	80.33	48.827002	-86.923412	56142.83	56244.7	5.33	56148.17	56226.31641	56078.09752	56193.48438	505621.2	5408227.5
L5620.0	505621.3	5408225.9	17670.59961	327.06	85.52	48.826987	-86.923411	56143.92	56244.7	5.33	56149.25	56227.64063	56080.48100	56196.19922	505621.3	5408225.9
L5620.0	505621.3	5408224.0	17670.69922	326.10	79.97	48.826970	-86.923411	56144.85	56244.7	5.33	56150.18	56228.80469	56079.29652	56195.33203	505621.3	5408224.0
L5620.0	505621.3	5408222.3	17670.80078	326.09	79.97	48.826955	-86.923411	56146.02	56244.7	5.33	56151.35	56230.20313	56083.73900	56200.08594	505621.3	5408222.3
L5620.0	505621.3	5408222.3	17670.90039	326.79	85	48.826955	-86.923411	56146.96	56244.7	5.33	56152.29	56231.35938	56082.71978	56199.36719	505621.3	5408222.3
L5620.0	505621.3	5408220.9	17671.00000	328.09	85	48.826942	-86.923411	56148.06	56244.7	5.33	56153.39	56232.67188	56085.49743	56202.43359	505621.3	5408220.9
L5620.0	505621.3	5408218.9	17671.09961	328.16	89.79	48.826924	-86.923410	56149.08	56244.7	5.33	56154.41	56233.89844	56086.37221	56203.58594	505621.3	5408218.9
L5620.0	505621.3	5408218.9	17671.19922	328.40	93.09	48.826924	-86.923410	56150.16	56244.7	5.33	56155.49	56235.17578	56088.70127	56206.17969	505621.3	5408218.9
L5620.0	505621.4	5408217.7	17671.30078	329.06	95.98	48.826913	-86.923410	56151.15	56244.7	5.33	56156.49	56236.36328	56089.13009	56206.86328	505621.4	5408217.7
L5620.0	505621.4	5408216.3	17671.40039	328.13	95.98	48.826901	-86.923410	56152.22	56244.7	5.33	56157.55	56237.60547	56091.03726	56209.01563	505621.4	5408216.3
L5620.0	505621.4	5408215.0	17671.50000	327.73	95.98	48.826889	-86.923410	56153.23	56244.7	5.33	56158.57	56238.79688	56092.02203	56210.23438	505621.4	5408215.0
L5620.0	505621.4	5408213.3	17671.59961	328.85	96.12	48.826874	-86.923410	56154.26	56244.7	5.34	56159.60	56239.99219	56093.29920	56211.73047	505621.4	5408213.3
L5620.0	505621.4	5408213.3	17671.69922	328.37	96.17	48.826874	-86.923410	56155.29	56244.7	5.34	56160.63	56241.17969	56094.63601	56213.27734	505621.4	5408213.3
L5620.0	505621.4	5408211.9	17671.80078	328.33	96.17	48.826861	-86.923410	56156.36	56244.7	5.34	56161.70	56242.39844	56097.00355	56215.84375	505621.4	5408211.9
L5620.0	505621.4	5408210.2	17671.90039	327.96	96.63	48.826846	-86.923410	56157.48	56244.7	5.34	56162.82	56243.66016	56100.64186	56219.66797	505621.4	5408210.2
L5620.0	505621.4	5408209.0	17672.00000	328.04	96.54	48.826835	-86.923410	56158.49	56244.7	5.34	56163.83	56244.80078	56101.71660	56220.91797	505621.4	5408209.0
L5620.0	505621.4	5408209.0	17672.09961	327.15	96.54	48.826835	-86.923410	56159.60	56244.7	5.34	56164.94	56246.03516	56105.26941	56224.63281	505621.4	5408209.0
L5620.0	505621.4	5408207.1	17672.19922	326.47	96.69	48.826818	-86.923410	56160.64	56244.7	5.34	56165.98	56247.18750	56107.24359	56226.75781	505621.4	5408207.1
L5620.0	505621.4	5408205.5	17672.30078	325.74	96.69	48.826804	-86.923409	56161.64	56244.7	5.34	56166.98	56248.29297	56108.38032	56228.03125	505621.4	5408205.5
L5620.0	505621.4	5408204.5	17672.40039	324.48	81.96	48.826795	-86.923409	56162.66	56244.7	5.34	56168.00	56249.41016	56110.11359	56229.89063	505621.4	5408204.5
L5620.0	505621.4	5408203.5	17672.50000	325.26	81.96	48.826786	-86.923409	56163.63	56244.7	5.33	56168.96	56250.45703	56110.58003	56230.46875	505621.4	5408203.5
L5620.0	505621.5	5408202.0	17672.59961	326.48	97.69	48.826772	-86.923409	56164.69	56244.7	5.33	56170.03	56251.60547	56113.74867	56233.74219	505621.5	5408202.0
L5620.0	505621.5	5408200.9	17672.69922	324.45	78.16	48.826763	-86.923409	56165.71	56244.7	5.33	56171.04	56252.68359	56115.67064	56235.75000	505621.5	5408200.9
L5620.0	505621.5	5408200.9	17672.80078	326.17	78.16	48.826763	-86.923409	56166.74	56244.7	5.33	56172.07	56253.77734	56118.20648	56238.36328	505621.5	5408200.9
L5620.0	505621.5	5408199.3	17672.90039	326.24	78.65	48.826748	-86.923408	56167.77	56244.7	5.33	56173.10	56254.85547	56120.89716	56241.11719	505621.5	5408199.3
L5620.0	505621.6	5408197.7	17673.00000	326.16	78.65	48.826733	-86.923408	56168.74	56244.7	5.33	56174.07	56255.86719	56122.40019	56242.67188	505621.6	5408197.7
L5620.0	505621.6	5408196.3	17673.09961	324.92	82.32	48.826721	-86.923407	56169.66	56244.7	5.33	56174.99	56256.82031	56122.97579	56243.28516	505621.6	5408196.3
L5620.0	505621.6	5408195.1	17673.19922	323.95	82.32	48.826710	-86.923407	56170.68	56244.7	5.33	56176.01	56257.86328	56125.94709	56246.28125	505621.6	5408195.1
L5620.0	505621.6	5408195.1	17673.30078	323.12	86.78	48.826710	-86.923407	56171.64	56244.7	5.32	56176.97	56258.83594	56127.78081	56248.12500	505621.6	5408195.1
L5620.0	505621.7	5408193.3	17673.40039	323.82	97.16	48.826694	-86.923406	56172.66	56244.7	5.32	56177.98	56259.85156	56130.88486	56251.22656	505621.7	5408193.3
L5620.0	505621.7	5408191.9	17673.50000	323.89	97.16	48.826681	-86.923406	56173.56	56244.7	5.32	56178.88	56260.74609	56131.81531	56252.14453	505621.7	5408191.9
L5620.0	505621.8	5408190.5	17673.59961	323.77	96.91	48.826669	-86.923405	56174.55	56244.7	5.32	56179.87	56261.72266	56134.87480	56255.17578	505621.8	5408190.5
L5620.0	505621.8	5408190.5	17673.69922	324.21	96.05	48.826669	-86.923405	56175.44	56244.7	5.32	56180.75	56262.57813	56135.81412	56256.07813	505621.8	5408190.5
L5620.0	505621.8	5408188.7	17673.80078	323.12	96.8	48.826653	-86.923404	56176.37	56244.7	5.31	56181.68	56263.47266	56138.04125	56258.25000	505621.8	5408188.7
L5620.0	505621.8	5408187.5	17673.90039	323.03	98.2	48.826642	-86.923404	56177.31	56244.7	5.31	56182.62	56264.36719	56140.71578	56260.85938	505621.8	5408187.5
L5620.0	505621.9	5408186.1	17674.00000	323.08	98.2	48.826629	-86.923404	56178.20	56244.7	5.31	56183.51	56265.20313	56142.60083	56262.66406	505621.9	5408186.1
L5620.0	505621.9	5408186.1	17674.09961	320.12	95.8	48.826629	-86.923404	56179.05	56244.7	5.31	56184.36	56265.98828	56143.92782	56263.89844	505621.9	5408186.1
L5620.0	505621.9	5408184.6	17674.19922	319.20	95.8	48.826616	-86.923403	56179.91	56244.7	5.31	56185.22	56266.77734	56145.75011	56265.61719	505621.9	5408184.6

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5620.0	505621.9	5408184.6	17674.30078	320.64	94.18	48.826616	-86.923403	56180.72	56244.7	5.31	56186.03	56267.50391	56146.83880	56266.58594	505621.9	5408184.6
L5620.0	505622.0	5408181.5	17674.40039	319.80	94.18	48.826588	-86.923402	56181.60	56244.7	5.31	56186.91	56268.28906	56149.69082	56269.30859	505622.0	5408181.5
L5620.0	505622.0	5408181.5	17674.50000	320.26	98.83	48.826588	-86.923402	56182.38	56244.7	5.31	56187.68	56268.95703	56150.59936	56270.07031	505622.0	5408181.5
L5620.0	505622.0	5408180.1	17674.59961	320.21	98.31	48.826576	-86.923402	56183.19	56244.7	5.31	56188.50	56269.66406	56152.88751	56272.20313	505622.0	5408180.1
L5620.0	505622.0	5408178.8	17674.69922	321.68	98.31	48.826563	-86.923402	56183.91	56244.7	5.31	56189.22	56270.26172	56153.46189	56272.60547	505622.0	5408178.8
L5620.0	505622.1	5408177.4	17674.80078	323.03	98.31	48.826551	-86.923401	56184.69	56244.7	5.31	56190.00	56270.91016	56155.65243	56274.61328	505622.1	5408177.4
L5620.0	505622.1	5408175.8	17674.90039	323.31	98.76	48.826537	-86.923401	56185.36	56244.7	5.31	56190.67	56271.43750	56155.93456	56274.69922	505622.1	5408175.8
L5620.0	505622.1	5408175.8	17675.00000	324.47	99.15	48.826537	-86.923401	56186.05	56244.7	5.31	56191.36	56271.97266	56157.02301	56275.57813	505622.1	5408175.8
L5620.0	505622.1	5408174.2	17675.09961	324.99	99.15	48.826522	-86.923401	56186.75	56244.7	5.31	56192.06	56272.51172	56158.72589	56277.05859	505622.1	5408174.2
L5620.0	505622.1	5408173.0	17675.19922	324.24	99.14	48.826512	-86.923401	56187.38	56244.7	5.31	56192.69	56272.96875	56159.36879	56277.46484	505622.1	5408173.0
L5620.0	505622.1	5408171.3	17675.30078	324.22	88.89	48.826496	-86.923400	56187.95	56244.7	5.31	56193.26	56273.35547	56159.15755	56277.00781	505622.1	5408171.3
L5620.0	505622.1	5408170.1	17675.40039	325.77	88.89	48.826485	-86.923400	56188.59	56244.7	5.31	56193.90	56273.80469	56160.86030	56278.44922	505622.1	5408170.1
L5620.0	505622.1	5408168.6	17675.50000	325.44	96.64	48.826472	-86.923400	56189.12	56244.7	5.31	56194.43	56274.13281	56160.65046	56277.96875	505622.1	5408168.6
L5620.0	505622.1	5408168.6	17675.59961	323.79	96.64	48.826472	-86.923400	56189.67	56244.7	5.31	56194.98	56274.47266	56161.30299	56278.33594	505622.1	5408168.6
L5620.0	505622.1	5408166.9	17675.69922	323.42	99.26	48.826456	-86.923400	56190.12	56244.7	5.31	56195.43	56274.69922	56160.23830	56276.97266	505622.1	5408166.9
L5620.0	505622.1	5408165.5	17675.80078	323.90	99.26	48.826444	-86.923400	56190.58	56244.7	5.31	56195.89	56274.92969	56159.82224	56276.24609	505622.1	5408165.5
L5620.0	505622.1	5408165.5	17675.90039	326.02	86.43	48.826444	-86.923400	56191.04	56244.7	5.31	56196.35	56275.14844	56159.84219	56275.94531	505622.1	5408165.5
L5620.0	505622.1	5408163.8	17676.00000	325.86	86.37	48.826429	-86.923400	56191.39	56244.7	5.31	56196.70	56275.24609	56157.89765	56273.66797	505622.1	5408163.8
L5620.0	505622.1	5408162.4	17676.09961	324.48	86.37	48.826416	-86.923401	56191.78	56244.7	5.31	56197.09	56275.37891	56157.24448	56272.66797	505622.1	5408162.4
L5620.0	505622.1	5408162.4	17676.19922	324.20	92.23	48.826416	-86.923401	56192.14	56244.7	5.32	56197.45	56275.46875	56156.35274	56271.41797	505622.1	5408162.4
L5620.0	505622.1	5408160.8	17676.30078	324.20	92.23	48.826402	-86.923401	56192.44	56244.7	5.32	56197.76	56275.50000	56154.77586	56269.47266	505622.1	5408160.8
L5620.0	505622.1	5408159.2	17676.40039	324.44	91.82	48.826387	-86.923401	56192.73	56244.7	5.32	56198.05	56275.50000	56153.15958	56267.47656	505622.1	5408159.2
L5620.0	505622.0	5408157.8	17676.50000	324.59	91.82	48.826375	-86.923402	56193.05	56244.7	5.32	56198.37	56275.52344	56152.58831	56266.51563	505622.0	5408157.8
L5620.0	505622.0	5408156.1	17676.59961	324.53	94.8	48.826359	-86.923402	56193.29	56244.7	5.33	56198.61	56275.45703	56150.63658	56264.16016	505622.0	5408156.1
L5620.0	505622.0	5408156.1	17676.69922	323.94	92.61	48.826359	-86.923402	56193.54	56244.7	5.33	56198.87	56275.39844	56149.48415	56262.59375	505622.0	5408156.1
L5620.0	505621.9	5408154.6	17676.80078	325.99	92.61	48.826346	-86.923403	56193.82	56244.7	5.33	56199.16	56275.36328	56149.33801	56262.01953	505621.9	5408154.6
L5620.0	505621.9	5408153.2	17676.90039	325.87	98.92	48.826333	-86.923404	56194.06	56244.7	5.34	56199.40	56275.26953	56148.43016	56260.67969	505621.9	5408153.2
L5620.0	505621.9	5408153.2	17677.00000	325.92	89.09	48.826333	-86.923404	56194.33	56244.7	5.34	56199.67	56275.19531	56148.49884	56260.30078	505621.9	5408153.2
L5620.0	505621.8	5408151.4	17677.09961	325.16	89.09	48.826317	-86.923405	56194.51	56244.7	5.34	56199.84	56275.01172	56146.68255	56258.02734	505621.8	5408151.4
L5620.0	505621.8	5408150.2	17677.19922	323.92	98.61	48.826307	-86.923405	56194.75	56244.7	5.33	56200.08	56274.89063	56146.68965	56257.56641	505621.8	5408150.2
L5620.0	505621.7	5408148.8	17677.30078	325.01	96.54	48.826294	-86.923406	56194.94	56244.7	5.33	56200.27	56274.71094	56145.87685	56256.27734	505621.7	5408148.8
L5620.0	505621.7	5408147.4	17677.40039	324.63	96.54	48.826281	-86.923406	56195.14	56244.7	5.32	56200.47	56274.53125	56145.54207	56255.45703	505621.7	5408147.4
L5620.0	505621.7	5408146.1	17677.50000	323.64	96.67	48.826269	-86.923407	56195.29	56244.7	5.32	56200.61	56274.28516	56144.14516	56253.56250	505621.7	5408146.1
L5620.0	505621.7	5408146.1	17677.59961	323.43	98.81	48.826269	-86.923407	56195.48	56244.7	5.32	56200.80	56274.07813	56144.06764	56252.97656	505621.7	5408146.1
L5620.0	505621.6	5408144.6	17677.69922	322.82	98.81	48.826256	-86.923407	56195.60	56244.7	5.31	56200.91	56273.78125	56142.47439	56250.86719	505621.6	5408144.6
L5620.0	505621.6	5408142.9	17677.80078	323.79	98.74	48.826241	-86.923408	56195.71	56244.7	5.31	56201.02	56273.48047	56141.09272	56248.96094	505621.6	5408142.9
L5620.0	505621.6	5408141.0	17677.90039	324.46	98.74	48.826223	-86.923408	56195.90	56244.7	5.30	56201.21	56273.24609	56141.62951	56248.96484	505621.6	5408141.0
L5620.0	505621.6	5408141.0	17678.00000	324.10	97.27	48.826223	-86.923408	56196.02	56244.7	5.30	56201.32	56272.92578	56140.62373	56247.41797	505621.6	5408141.0
L5620.0	505621.5	5408139.1	17678.09961	323.84	97.27	48.826206	-86.923409	56196.18	56244.7	5.30	56201.49	56272.66016	56141.06331	56247.30469	505621.5	5408139.1
L5620.0	505621.5	5408137.6	17678.19922	323.98	92.47	48.826193	-86.923409	56196.22	56244.7	5.30	56201.53	56272.25391	56138.88502	56244.57031	505621.5	5408137.6
L5620.0	505621.5	5408136.1	17678.30078	325.12	92.47	48.826180	-86.923410	56196.35	56244.7	5.30	56201.65	56271.91797	56138.54612	56243.66406	505621.5	5408136.1
L5620.0	505621.5	5408136.1	17678.40039	326.38	97	48.826180	-86.923410	56196.43	56244.7	5.30	56201.73	56271.53906	56137.48634	56242.02734	505621.5	5408136.1
L5620.0	505621.4	5408134.3	17678.50000	324.76	97	48.826163	-86.923410	56196.54	56244.7	5.31	56201.84	56271.17969	56137.16005	56241.11719	505621.4	5408134.3
L5620.0	505621.4	5408134.3	17678.59961	324.62	95.28	48.826163	-86.923410	56196.61	56244.7	5.31	56201.91	56270.77344	56136.08961	56239.45703	505621.4	5408134.3
L5620.0	505621.4	5408132.6	17678.69922	325.86	93.32	48.826148	-86.923411	56196.71	56244.7	5.31	56202.01	56270.38672	56135.70971	56238.48047	505621.4	5408132.6
L5620.0	505621.4	5408131.3	17678.80078	326.66	93.32	48.826136	-86.923411	56196.78	56244.7	5.31	56202.09	56269.97656	56134.96817	56237.13281	505621.4	5408131.3
L5620.0	505621.4	5408129.6	17678.90039	326.00	93.32	48.826121	-86.923411	56196.86	56244.7	5.31	56202.17	56269.55859	56134.26030	56235.81250	505621.4	5408129.6
L5620.0	505621.4	5408128.1	17679.00000	318.69	98.05	48.826108	-86.923411	56197.00	56244.7	5.31	56202.31	56269.19141	56134.76838	56235.70313	505621.4	5408128.1
L5620.0	505621.4	5408128.1	17679.09961	318.94	96.85	48.826108	-86.923411	56197.19	56244.7	5.31	56202.50	56268.86719	56136.24678	56236.55859	505621.4	5408128.1
L5620.0	505621.3	5408126.9	17679.19922	318.86	96.85	48.826097	-86.923412	56197.20	56244.7	5.31	56202.50	56268.34766	56133.93001	56233.60938	505621.3	5408126.9
L5620.0	505621.3	5408125.2	17679.30078	319.73	98.11	48.826081	-86.923412	56197.38	56244.7	5.30	56202.68	56268.00391	56135.14141	56234.18750	505621.3	5408125.2
L5620.0	505621.3	5408123.7	17679.40039	320.49	96.21	48.826068	-86.923412	56197.48	56244.7	5.30	56202.78	56267.57031	56134.74535	56233.14844	505621.3	5408123.7
L5620.0	505621.3	5408122.0	17679.50000	320.94	96.21	48.826053	-86.923413	56197.70	56244.7	5.30	56203.00	56267.25000	56136.62453	56234.37891	505621.3	5408122.0
L5620.0	505621.3	5408122.0	17679.59961	319.30	88.88	48.826053	-86.923413	56197.82	56244.7	5.30	56203.12	56266.82422	56136.51764	56233.62109	505621.3	5408122.0
L5620.0	505621.3	5408120.4	17679.69922	318.88	88.88	48.826038	-86.923413	56198.00	56244.7	5.30	56203.30	56266.45313	56137.49727	56233.94141	505621.3	5408120.4
L5620.0	505621.2	5408119.1	17679.80078	320.34	85.86	48.826026	-86.923413	56198.12	56244.7	5.29	56203.42	56266.01563	56137.27937	56233.06250	505621.2	5408119.1
L5620.0	505621.2	5408119.1	17679.90039	320.57	90.05	48.826026	-86.923413	56198.28	56244.7	5.29	56203.57	56265.60156	56137.56129	56232.67578	505621.2	5408119.1
L5620.0	505621.2	5408117.3	17680.00000	319.01	90.05	48.826010	-86.923413	56198.41	56244.7	5.29	56203.70	56265.16016	56137.40640	56231.84766	505621.2	5408117.3
L5620.0	505621.2	5408115.5	17680.09961	319.04	93.93	48.825994	-86.923413	56198.63	56244.7	5.29	56203.92	56264.80469	56138.81464	56232.58203	505621.2	5408115.5
L5620.0	505621.2	5408114.1	17680.19922	319.14	93.93	48.825981	-86.923413	56198.69	56244.7	5.29	56203.98	56264.28125	56137.22281	56230.31250	505621.2	5408114.1
L5620.0	505621.2	5408112.7	17680.30078	321.51	94.84	48.825969	-86.923413	56198.88	56244.7	5.30	56204.18	56263.89453	56138.04145	56230.44531	505621.2	5408112.7
L5620.0	505621.2	5408112.7	17680.40039	320.62	94.84	48.825969	-86.923413	56198.98	56244.7	5.30	56204.28	56263.40234	56136.95298	56228.67188	505621.2	5408112.7
L5620.0	505621.2	5408111.2	17680.50000	319.00	96.2	48.825955	-86.923413	56199.14	56244.7	5.30	56204.44	56262.96484	56136.77600	56227.80469	505621.2	5408111.2
L5620.0	505621.3	5408109.4	17680.59961	319.25	96.2	48.825939	-86.923413	56199.28	56244.7	5.30	56204.58	56262.50391	56136.07467	56226.41016	505621.3	5408109.4
L5620.0	505621.3	5408109.4	17680.69922	319.16	96.63	48.825939	-86.923413	56199.46	56244.7	5.30	56204.76	56262.07813	56135.86375	56225.50391	505621.3	5408109.4
L5620.0	505621.3	5408108.0	17680.80078	318.12	96.63	48.825927	-86.923413	56199.62	56244.7	5.31	56204.92	56261.62500	56135.08287	56224.02734	505621.3	5408108.0
L5620.0	505621.3	5408106.6	17680.90039	317.43	96.65	48.825914	-86.923413	56199.89	56244.7	5.31	56205.20	56261.28906	56136.08506	56224.32813	505621.3	5408106.6
L5620.0	505621.3	5408105.3	17681.00000	318.12	97.42	48.825903	-86.923413	56200.07	56244.7	5.31	56205.38	56260.84766	56135.12090	56222.66406	505621.3	5408105.3
L5620.0	505621.3	5408104.0	17681.09961	317.65	98.04	48.825891	-86.923413	56200.35	56244.7	5.31	56205.66	56260.50000	56135.55489	56222.39453	505621.3	5408104.0
L5620.0	505621.3	5408102.7	17681.19922	315.55	98.04	48.825879	-86.923413	56200.66	56244.7	5.30	56205.96	56260.17188	56136.02675	56222.16016	505621.3	5408102.7
L5620.0	505621.3	5408102.7	17681.30078	314.84	95.54	48.825879	-86.923413	56200.94	56244.7	5.30	56206.24	56259.81641	56135.85800	56221.28516	505621.3	5408102.7
L5620.0	505621.3	5408101.3	17681.40039	315.47	92.02	48.825866	-86.923413	56201.28	56244.7	5.30	56206.57	56259.50781	56136.22239	56220.94141	505621.3	5408101.3
L5620.0	505621.3	5408100.0	17681.50000	315.23	92.02	48.825854	-86.923413	56201.57	56244.7	5.29	56206.86	56259.15625	56135.60841	56219.61719	505621.3	5408100.0
L5620.0	505621.3	5408098.4	17681.59961	314.01	90.67	48.825840	-86.923413	56201.86	56244.7	5.29	56207.15	56258.80078	56134.69846	56217.99609	505621.3	5408098.4
L5620.0	505621.3	5408097.1	17681.69922	315.46	96.01	48.825829	-86.923413	56202.16	56244.7	5.29	56207.45	56258.45313	56133.68304	56216.26953	505621.3	5408097.1
L5620.0	505621.3	5408095.4	17681.80078	316.99	96.01	48.825813	-86.923413	56202.45	56244.7	5.29	56207.73	56258.07813	56132.04579	56213.92188	505621.3	5408095.4
L5620.0	505621.3	5408095.4	17681.90039	317.39	98.47	48.825813	-86.923413	56202.83	56244.7	5.28	56208.11	56257.80469	56131.86011	56213.02344	505621.3	5408095.4
L5620.0	505621.3	5408094.0	17682.00000	317.83	98.47	48.825800	-86.923413	56203.21	56244.7	5.28	56208.49	56257.52344	56131.40530	56211.85547	505621.3	5408094.0
L5620.0	505621.3	5408092.4	17682.09961	320.10	98.39	48.825786	-86.923413	56203.61	56244.7	5.28	56208.89	56257.26172	56131.02664	56210.76563	505621.3	5408092.4
L5620.0	505621.3	5408091.1	17682.19922	320.83	97.12	48.825774	-86.923413	56204.05	56244.7	5.28	56209.33	56257.03516	56131.09202	56210.11719	505621.3	5408091.1
L5620.0	505621.3	5408091.1	17682.30078	320.90	97.12	48.825774	-86.923413	56204.43	56244.7	5.28	56209.71	56256.75000	56129.82174	56208.13672	505621.3	5408091.1
L5620.0	505621.3	5408089.4	17682.40039	321.62	96.27	48.825759	-86.923413	56204.90	56244.7	5.28	56210.18	56256.54688	56129.89624	56207.50000	505621.3	5408089.4
L5620.0	505621.3	5408087.9	17682.50000	322.64	96.27	48.825745	-86.923413	56205.36	56244.7	5.28	56210.64	56256.33203	56129.52440	56206.41797	505621.3	5408087.9
L5620.0	505621.3	5408087.9	17682.59961	322.17	89.99	48.825745	-86.923413	56205.82	56244.7	5.28	56211.10	56256.11719	56128.87804	56205.06250	505621.3	5408087.9
L5620.0	505621.3	5408086.2	17682.69922	322.89	89.99	48.825730	-86.923413	56206.38	56244.7	5.28	56211.65	56255.98828	56129.62110	56205.09766	505621.3	5408086.2
L5620.0	505621.3	5408084.7	17682.80078	322.35	89.99	48.825717	-86.923413	56206.89	56244.7	5.28	56212.17	56255.82813	56129.54335	56204.31250	505621.3	5408084.7
L5620.0	505621.3	5408083.1	17682.90039	321.93	89.35	48.825703	-86.923413	56207.44	56244.7	5.28	56212.72	56255.69531	56129.75784	56203.82031	505621.3	5408083.1
L5620.0	505621.3	5408083.1	17683.00000	320.40	81.05	48.825703	-86.923413	56207.96	56244.7	5.28	56213.24	56255.53125	56129.13316	56202.49219	505621.3	5408083.1
L5620.0	505621.3	5408081.6	17683.09961	318.74	84.78	48.825690	-86.923413	56208.46	56244.7	5.28	56213.74	56255.34375	56127.82889	56200.48438	505621.3	5408081.6
L5620.0	505621.3	5408080.1	17683.19922	318.08	84.78	48.825676	-86.923413	56208.98	56244.7	5.28	56214.25	56255.16406	56126.39446	56198.34766	505621.3	5408080.1
L5620.0	505621.3	5408078.7	17683.30078	318.28	76.3	48.825663	-86.923412	56209.54	56244.7	5.27	56214.81	56255.03516	56125.59090	56196.84766	505621.3	5408078.7
L5620.0	505621.3	5408077.2	17683.40039	318.73	76.3	48.825650	-86.923412	56210.03	56244.7	5.27	56215.30	56254.83203	56123.07168	56193.62891	505621.3	5408077.2
L5620.0	505621.3	5408077.2	17683.50000	320.14	88.66	48.825650	-86.923412	56210.67	56244.7	5.27	56215.94	56254.78125	56123.13479	56192.99609	505621.3	5408077.2

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5620.0	505621.4	5408075.6	17683.59961	320.33	86.63	48.825635	-86.923412	56211.23	56244.7	5.27	56216.50	56254.64453	56121.22798	56190.39844	505621.4	5408075.6
L5620.0	505621.4	5408074.1	17683.69922	320.14	86.63	48.825621	-86.923412	56211.86	56244.7	5.27	56217.13	56254.57813	56120.30435	56188.78125	505621.4	5408074.1
L5620.0	505621.4	5408072.9	17683.80078	318.06	86.99	48.825611	-86.923412	56212.45	56244.7	5.26	56217.71	56254.46484	56117.93077	56185.71875	505621.4	5408072.9
L5620.0	505621.4	5408071.6	17683.90039	325.33	86.99	48.825599	-86.923412	56213.14	56244.7	5.26	56218.40	56254.45313	56117.34547	56184.44922	505621.4	5408071.6
L5620.0	505621.4	5408071.6	17684.00000	326.05	89.36	48.825599	-86.923412	56213.81	56244.7	5.26	56219.07	56254.42578	56115.90603	56182.32422	505621.4	5408071.6
L5620.0	505621.4	5408069.9	17684.09961	325.21	89.46	48.825584	-86.923412	56214.54	56244.7	5.26	56219.80	56254.45703	56115.28255	56181.01953	505621.4	5408069.9
L5620.0	505621.4	5408068.4	17684.19922	325.84	89.46	48.825570	-86.923412	56215.26	56244.7	5.25	56220.52	56254.47656	56114.02672	56179.08594	505621.4	5408068.4
L5620.0	505621.4	5408068.4	17684.30078	325.73	85.39	48.825570	-86.923412	56216.02	56244.7	5.25	56221.27	56254.52344	56112.99751	56177.37891	505621.4	5408068.4
L5620.0	505621.3	5408066.7	17684.40039	325.17	85.51	48.825555	-86.923412	56216.71	56244.8	5.25	56221.96	56254.51172	56110.24943	56173.96094	505621.3	5408066.7
L5620.0	505621.3	5408065.4	17684.50000	324.61	85.51	48.825543	-86.923413	56217.63	56244.8	5.25	56222.87	56254.71875	56111.96728	56175.00781	505621.3	5408065.4
L5620.0	505621.3	5408064.0	17684.59961	325.26	85.74	48.825530	-86.923413	56218.40	56244.8	5.24	56223.64	56254.78906	56110.26746	56172.64063	505621.3	5408064.0
L5620.0	505621.3	5408062.6	17684.69922	325.24	85.74	48.825519	-86.923413	56219.25	56244.8	5.24	56224.49	56254.93359	56110.07564	56171.78125	505621.3	5408062.6
L5620.0	505621.2	5408061.3	17684.80078	325.97	82.6	48.825507	-86.923414	56220.06	56244.8	5.24	56225.29	56255.03125	56108.47454	56169.51953	505621.2	5408061.3
L5620.0	505621.2	5408060.0	17684.90039	327.68	80.81	48.825495	-86.923414	56220.98	56244.8	5.23	56226.21	56255.25000	56109.37256	56169.75781	505621.2	5408060.0
L5620.0	505621.2	5408060.0	17685.00000	329.74	100.41	48.825495	-86.923414	56221.88	56244.8	5.23	56227.11	56255.44531	56109.57466	56169.30469	505621.2	5408060.0
L5620.0	505621.2	5408058.6	17685.09961	328.95	100.41	48.825483	-86.923415	56222.76	56244.8	5.23	56227.99	56255.62109	56109.06294	56168.14063	505621.2	5408058.6
L5620.0	505621.1	5408056.8	17685.19922	327.63	100.41	48.825466	-86.923415	56223.70	56244.8	5.23	56228.93	56255.85938	56109.71312	56168.14063	505621.1	5408056.8
L5620.0	505621.1	5408055.6	17685.30078	327.23	74.64	48.825455	-86.923415	56224.68	56244.8	5.23	56229.91	56256.13672	56111.05453	56168.83594	505621.1	5408055.6
L5620.0	505621.1	5408054.1	17685.40039	328.57	74.64	48.825442	-86.923416	56225.64	56244.8	5.23	56230.88	56256.40234	56111.88855	56169.02734	505621.1	5408054.1
L5620.0	505621.1	5408054.1	17685.50000	328.90	83.1	48.825442	-86.923416	56226.64	56244.8	5.23	56231.87	56256.69141	56112.90580	56169.40234	505621.1	5408054.1
L5620.0	505621.1	5408052.8	17685.59961	328.44	77.16	48.825430	-86.923416	56227.56	56244.8	5.23	56232.79	56256.90625	56111.94246	56167.80078	505621.1	5408052.8
L5620.0	505621.1	5408051.4	17685.69922	326.56	84.24	48.825418	-86.923416	56228.63	56244.8	5.23	56233.86	56257.27734	56114.22311	56169.44922	505621.1	5408051.4
L5620.0	505621.1	5408050.1	17685.80078	327.17	84.24	48.825406	-86.923416	56229.57	56244.8	5.23	56234.80	56257.51563	56113.05995	56167.65234	505621.1	5408050.1
L5620.0	505621.1	5408049.0	17685.90039	326.04	94.61	48.825396	-86.923415	56230.60	56244.8	5.23	56235.83	56257.84375	56113.67915	56167.64063	505621.1	5408049.0
L5620.0	505621.2	5408048.0	17686.00000	326.26	100.85	48.825387	-86.923415	56231.67	56244.8	5.23	56236.90	56258.21484	56114.86796	56168.20313	505621.2	5408048.0
L5620.0	505621.2	5408046.6	17686.09961	326.83	100.85	48.825374	-86.923415	56232.71	56244.8	5.23	56237.93	56258.54297	56114.70605	56167.41797	505621.2	5408046.6
L5620.0	505621.2	5408045.1	17686.19922	324.81	95.61	48.825361	-86.923414	56233.76	56244.8	5.22	56238.99	56258.90625	56114.84704	56166.93750	505621.2	5408045.1
L5620.0	505621.2	5408045.1	17686.30078	325.20	89.04	48.825361	-86.923414	56234.91	56244.8	5.22	56240.13	56259.34766	56116.45870	56167.93359	505621.2	5408045.1
L5620.0	505621.3	5408044.0	17686.40039	325.87	93.23	48.825351	-86.923414	56235.98	56244.8	5.22	56241.20	56259.72266	56115.98244	56166.83984	505621.3	5408044.0
L5620.0	505621.3	5408042.4	17686.50000	326.02	93.23	48.825337	-86.923413	56237.18	56244.8	5.21	56242.39	56260.21484	56117.90641	56168.15234	505621.3	5408042.4
L5620.0	505621.4	5408041.0	17686.59961	326.75	89.54	48.825324	-86.923412	56238.32	56244.8	5.21	56243.54	56260.66797	56118.43381	56168.06641	505621.4	5408041.0
L5620.0	505621.4	5408039.9	17686.69922	326.81	88.06	48.825314	-86.923412	56239.56	56244.8	5.21	56244.76	56261.19531	56120.14774	56169.17188	505621.4	5408039.9
L5620.0	505621.4	5408039.9	17686.80078	326.18	88.96	48.825314	-86.923412	56240.72	56244.8	5.21	56245.93	56261.67188	56120.21172	56168.63281	505621.4	5408039.9
L5620.0	505621.5	5408037.9	17686.90039	325.67	88.96	48.825296	-86.923411	56241.93	56244.8	5.20	56247.13	56262.17969	56120.50534	56168.32031	505621.5	5408037.9
L5620.0	505621.5	5408036.6	17687.00000	326.89	88.96	48.825284	-86.923410	56243.18	56244.8	5.20	56248.38	56262.73828	56121.49786	56168.71094	505621.5	5408036.6
L5620.0	505621.6	5408035.2	17687.09961	327.27	93.41	48.825272	-86.923410	56244.46	56244.8	5.20	56249.66	56263.32813	56122.71928	56169.33203	505621.6	5408035.2
L5620.0	505621.6	5408034.0	17687.19922	327.00	98.21	48.825261	-86.923409	56245.70	56244.8	5.21	56250.91	56263.89063	56122.76555	56168.78125	505621.6	5408034.0
L5620.0	505621.6	5408034.0	17687.30078	327.22	94.68	48.825261	-86.923409	56247.00	56244.8	5.21	56252.21	56264.50391	56123.51060	56168.92969	505621.6	5408034.0
L5620.0	505621.7	5408032.4	17687.40039	327.20	94.68	48.825246	-86.923408	56248.34	56244.8	5.21	56253.55	56265.15625	56124.71542	56169.53906	505621.7	5408032.4
L5620.0	505621.7	5408031.0	17687.50000	326.35	94.93	48.825234	-86.923408	56249.71	56244.8	5.22	56254.92	56265.83984	56126.14356	56170.37500	505621.7	5408031.0
L5620.0	505621.7	5408029.6	17687.59961	327.11	90.37	48.825222	-86.923408	56251.06	56244.8	5.22	56256.28	56266.51563	56126.86779	56170.50391	505621.7	5408029.6
L5620.0	505621.7	5408028.7	17687.69922	326.33	90.37	48.825213	-86.923407	56252.44	56244.8	5.22	56257.66	56267.21484	56127.57469	56170.62109	505621.7	5408028.7
L5620.0	505621.8	5408027.2	17687.80078	325.39	93.14	48.825200	-86.923407	56253.85	56244.8	5.22	56259.07	56267.94141	56128.48133	56170.93750	505621.8	5408027.2
L5620.0	505621.8	5408025.5	17687.90039	325.13	91.95	48.825185	-86.923407	56255.29	56244.8	5.23	56260.52	56268.71094	56129.79739	56171.66406	505621.8	5408025.5
L5620.0	505621.8	5408024.4	17688.00000	325.18	91.95	48.825174	-86.923407	56256.75	56244.8	5.23	56261.98	56269.49219	56130.83001	56172.10938	505621.8	5408024.4
L5620.0	505621.8	5408024.4	17688.09961	325.30	91.88	48.825174	-86.923407	56258.29	56244.8	5.23	56263.51	56270.34375	56132.91244	56173.60547	505621.8	5408024.4
L5620.0	505621.8	5408023.1	17688.19922	323.63	91.46	48.825162	-86.923407	56259.87	56244.8	5.22	56265.09	56271.25000	56135.55469	56175.66016	505621.8	5408023.1
L5620.0	505621.8	5408021.5	17688.30078	324.57	90.36	48.825148	-86.923407	56261.34	56244.8	5.22	56266.56	56272.04688	56135.16037	56174.67969	505621.8	5408021.5
L5620.0	505621.8	5408019.9	17688.40039	324.93	90.36	48.825134	-86.923407	56262.98	56244.8	5.21	56268.19	56273.00000	56137.73122	56176.66406	505621.8	5408019.9
L5620.0	505621.8	5408019.9	17688.50000	326.16	100.09	48.825134	-86.923407	56264.54	56244.8	5.21	56269.75	56273.89063	56138.11378	56176.46094	505621.8	5408019.9
L5620.0	505621.8	5408018.1	17688.59961	326.76	100.09	48.825118	-86.923407	56266.20	56244.8	5.21	56271.40	56274.86719	56139.81336	56177.57422	505621.8	5408018.1
L5620.0	505621.8	5408016.5	17688.69922	323.81	93.87	48.825103	-86.923408	56267.85	56244.8	5.20	56273.05	56275.85156	56140.81358	56177.98828	505621.8	5408016.5
L5620.0	505621.7	5408015.4	17688.80078	324.07	93.87	48.825094	-86.923408	56269.54	56244.8	5.20	56274.74	56276.87109	56141.95741	56178.54688	505621.7	5408015.4
L5620.0	505621.7	5408014.2	17688.90039	324.79	99.25	48.825083	-86.923408	56271.30	56244.8	5.19	56276.50	56277.96484	56143.85402	56179.85547	505621.7	5408014.2
L5620.0	505621.7	5408014.2	17689.00000	323.45	97.36	48.825083	-86.923408	56273.14	56244.8	5.19	56278.33	56279.13281	56146.46045	56181.87500	505621.7	5408014.2
L5620.0	505621.7	5408012.4	17689.09961	322.38	97.36	48.825067	-86.923408	56274.92	56244.8	5.19	56280.11	56280.24609	56147.17719	56182.00391	505621.7	5408012.4
L5620.0	505621.7	5408011.4	17689.19922	323.55	99.33	48.825057	-86.923408	56276.84	56244.8	5.19	56282.03	56281.50391	56150.05071	56184.28516	505621.7	5408011.4
L5620.0	505621.7	5408010.0	17689.30078	322.59	93.09	48.825045	-86.923409	56278.73	56244.8	5.19	56283.92	56282.73438	56151.42293	56185.07031	505621.7	5408010.0
L5620.0	505621.6	5408008.4	17689.40039	322.36	86.52	48.825031	-86.923409	56280.66	56244.8	5.19	56285.85	56284.00391	56152.77257	56185.82422	505621.6	5408008.4
L5620.0	505621.6	5408008.4	17689.50000	322.46	86.52	48.825031	-86.923409	56282.61	56244.8	5.18	56287.79	56285.28906	56153.43943	56185.89844	505621.6	5408008.4
L5620.0	505621.6	5408006.7	17689.59961	322.83	95.77	48.825016	-86.923409	56284.64	56244.8	5.18	56289.83	56286.67188	56155.32380	56187.18750	505621.6	5408006.7
L5620.0	505621.6	5408005.6	17689.69922	322.88	95.77	48.825006	-86.923410	56286.70	56244.8	5.18	56291.88	56288.06641	56156.49703	56187.76172	505621.6	5408005.6
L5620.0	505621.6	5408004.1	17689.80078	324.19	95.93	48.824992	-86.923410	56288.76	56244.8	5.18	56293.94	56289.47266	56156.94814	56187.61719	505621.6	5408004.1
L5620.0	505621.6	5408002.9	17689.90039	323.28	95.93	48.824982	-86.923410	56290.88	56244.8	5.18	56296.06	56290.94141	56157.74234	56187.80859	505621.6	5408002.9
L5620.0	505621.6	5408001.0	17690.00000	322.65	89.82	48.824964	-86.923410	56293.09	56244.8	5.18	56298.27	56292.50000	56159.52666	56188.98828	505621.6	5408001.0
L5620.0	505621.6	5408001.0	17690.09961	322.23	99.99	48.824964	-86.923410	56295.36	56244.8	5.18	56300.54	56294.12109	56161.66003	56190.51563	505621.6	5408001.0
L5620.0	505621.6	5407999.3	17690.19922	324.32	99.99	48.824949	-86.923410	56297.62	56244.8	5.18	56302.80	56295.73047	56162.62104	56190.86719	505621.6	5407999.3
L5620.0	505621.6	5407997.7	17690.30078	324.36	90.03	48.824934	-86.923410	56299.93	56244.8	5.18	56305.11	56297.39453	56163.70235	56191.33594	505621.6	5407997.7
L5620.0	505621.6	5407996.4	17690.40039	324.25	90.03	48.824923	-86.923409	56302.21	56244.8	5.18	56307.39	56299.02734	56163.14405	56190.16016	505621.6	5407996.4
L5620.0	505621.6	5407996.4	17690.50000	325.77	92.22	48.824923	-86.923409	56304.64	56244.8	5.19	56309.82	56300.81250	56164.89055	56191.28906	505621.6	5407996.4
L5620.0	505621.6	5407994.7	17690.59961	325.70	94.59	48.824908	-86.923409	56307.03	56244.8	5.19	56312.21	56302.56250	56164.75506	56190.53125	505621.6	5407994.7
L5620.0	505621.7	5407992.9	17690.69922	326.17	94.59	48.824891	-86.923409	56309.51	56244.8	5.19	56314.70	56304.41016	56165.81171	56190.96094	505621.7	5407992.9
L5620.0	505621.7	5407992.9	17690.80078	326.04	83.55	48.824891	-86.923409	56312.06	56244.8	5.19	56317.24	56306.30859	56166.94311	56191.46484	505621.7	5407992.9
L5620.0	505621.7	5407991.4	17690.90039	326.13	83.55	48.824878	-86.923409	56314.66	56244.8	5.19	56319.85	56308.28125	56168.58547	56192.47266	505621.7	5407991.4
L5620.0	505621.7	5407990.0	17691.00000	326.56	87.7	48.824865	-86.923408	56317.29	56244.8	5.19	56322.48	56310.27344	56169.60882	56192.85547	505621.7	5407990.0
L5620.0	505621.7	5407988.8	17691.09961	325.17	96.02	48.824854	-86.923408	56319.96	56244.8	5.19	56325.15	56312.30469	56170.43779	56193.04297	505621.7	5407988.8
L5620.0	505621.8	5407987.6	17691.19922	323.87	85.14	48.824843	-86.923408	56322.72	56244.8	5.19	56327.91	56314.42969	56172.18342	56194.14063	505621.8	5407987.6
L5620.0	505621.8	5407986.2	17691.30078	324.56	85.14	48.824831	-86.923407	56325.51	56244.8	5.19	56330.70	56316.58594	56173.48224	56194.78906	505621.8	5407986.2
L5620.0	505621.8	5407986.2	17691.40039	325.64	93.46	48.824831	-86.923407	56328.38	56244.8	5.19	56333.57	56318.82422	56175.41869	56196.07031	505621.8	5407986.2
L5620.0	505621.8	5407984.4	17691.50000	325.42	95.27	48.824815	-86.923407	56331.22	56244.8	5.19	56336.41	56321.03125	56175.47338	56195.46094	505621.8	5407984.4
L5620.0	505621.8	5407983.0	17691.59961	326.29	96.33	48.824802	-86.923407	56334.26	56244.8	5.19	56339.45	56323.44141	56178.79976	56198.12109	505621.8	5407983.0
L5620.0	505621.8	5407981.6	17691.69922	325.99	96.33	48.824790	-86.923407	56337.27	56244.8	5.19	56342.46	56325.82031	56180.14290	56198.79297	505621.8	5407981.6
L5620.0	505621.9	5407980.1	17691.80078	326.34	90.84	48.824776	-86.923407	56340.38	56244.8	5.19	56345.57	56328.30469	56182.38893	56200.36328	505621.9	5407980.1
L5620.0	505621.9	5407978.9	17691.90039	324.76	90.84	48.824766	-86.923407	56343.45	56244.8	5.19	56348.64	56330.74609	56182.31748	56199.60938	505621.9	5407978.9
L5620.0	505621.9	5407977.7	17692.00000	323.59	94.07	48.824755	-86.923407	56346.69	56244.8	5.19	56351.88	56333.35938	56184.61177	56201.21484	505621.9	5407977.7
L5620.0	505621.9	5407977.7	17692.09961	325.48	94.07	48.824755	-86.923407	56349.90	56244.8	5.19	56355.09	56335.94531	56184.69873	56200.60938	505621.9	5407977.7
L5620.0	505621.8	5407975.8	17692.19922	324.35	90.39	48.824737	-86.923407	56353.25	56244.8	5.19	56358.44	56338.67188	56186.35563	56201.56641	505621.8	5407975.8
L5620.0	505621.8	5407974.1	17692.30078	324.37	99.71	48.824723	-86.923407	56356.64	56244.8	5.19	56361.84	56341.44922	56187.49352	56202.00000	505621.8	5407974.1
L5620.0	505621.8	5407974.1	17692.40039	325.56	99.71	48.824723	-86.923407	56360.21	56244.8	5.19	56365.41	56344.39844	56190.77310	56204.57031	505621.8	5407974.1
L5620.0	505621.8	5407972.4	17692.50000	325.15	100	48.824707	-86.923407	56363.84	56244.8	5.19	56369.03	56347.39844	56193.43626	56206.51172	505621.8	5407972.4
L5620.0	505621.8	5407971.1	17692.59961	324.71	94.76	48.824695	-86.923408	56367.52	56244.8	5.20	56372.71	56350.45703	56195.65916	56208.01172	505621.8	5407971.1
L5620.0	505621.8	5407971.1	17692.69922	324.98	94.76	48.824695	-86.923408	56371.29	56244.8	5.20	56376.48	56353.61328	56198.08791	56209.71094	505621.8	5407971.1
L5620.0	505621.7	5407969.6	17692.80078	324.20	89.84	48.824682	-86.923408	56375.15	56244.8	5.20	56380.35	56356.86328	56200.93789	56211.82422	505621.7	5407969.6

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5620.0	505621.7	5407968.1	17692.90039	324.79	99.11	48.824668	-86.923409	56379.07	56244.8	5.20	56384.27	56360.16797	56203.05034	56213.19531	505621.7	5407968.1
L5620.0	505621.6	5407966.5	17693.00000	325.01	98.82	48.824654	-86.923410	56383.06	56244.8	5.20	56388.25	56363.53516	56204.62575	56214.01953	505621.6	5407966.5
L5620.0	505621.6	5407965.0	17693.09961	325.79	98.82	48.824640	-86.923411	56387.14	56244.8	5.20	56392.34	56367.01172	56206.79084	56215.42969	505621.6	5407965.0
L5620.0	505621.5	5407964.0	17693.19922	325.41	98.82	48.824631	-86.923412	56391.38	56244.8	5.20	56396.57	56370.62891	56210.22553	56218.10156	505621.5	5407964.0
L5620.0	505621.5	5407962.6	17693.30078	326.02	100.14	48.824619	-86.923412	56395.61	56244.8	5.20	56400.81	56374.25781	56211.89886	56219.00781	505621.5	5407962.6
L5620.0	505621.4	5407961.2	17693.40039	326.67	100.34	48.824606	-86.923413	56400.00	56244.8	5.20	56405.20	56378.03906	56215.03535	56221.36719	505621.4	5407961.2
L5620.0	505621.4	5407961.2	17693.50000	326.81	100.51	48.824606	-86.923413	56404.46	56244.8	5.20	56409.66	56381.89063	56217.75696	56223.30469	505621.4	5407961.2
L5620.0	505621.4	5407960.0	17693.59961	327.32	100.51	48.824595	-86.923414	56408.96	56244.8	5.20	56414.16	56385.78516	56219.33532	56224.09375	505621.4	5407960.0
L5620.0	505621.3	5407958.1	17693.69922	328.77	98.71	48.824578	-86.923414	56413.61	56244.8	5.20	56418.81	56389.82813	56222.32339	56226.28906	505621.3	5407958.1
L5620.0	505621.3	5407958.1	17693.80078	328.12	98.71	48.824578	-86.923414	56418.27	56244.8	5.20	56423.47	56393.88281	56223.42590	56226.58984	505621.3	5407958.1
L5620.0	505621.3	5407956.3	17693.90039	327.25	99.82	48.824562	-86.923415	56423.15	56244.8	5.20	56428.35	56398.16016	56227.54001	56229.89453	505621.3	5407956.3
L5620.0	505621.2	5407954.9	17694.00000	327.66	99.6	48.824550	-86.923416	56428.07	56244.8	5.20	56433.27	56402.47656	56230.43268	56231.97266	505621.2	5407954.9
L5620.0	505621.2	5407953.7	17694.09961	327.80	100.72	48.824539	-86.923416	56433.20	56244.8	5.20	56438.40	56407.00781	56236.06087	56236.77734	505621.2	5407953.7
L5620.0	505621.2	5407952.5	17694.19922	327.46	100.72	48.824528	-86.923416	56438.46	56244.8	5.20	56443.66	56411.66797	56242.52756	56242.41797	505621.2	5407952.5
L5620.0	505621.2	5407952.5	17694.30078	327.52	100.66	48.824528	-86.923416	56443.87	56244.8	5.20	56449.07	56416.48047	56250.24949	56249.30469	505621.2	5407952.5
L5620.0	505621.1	5407951.1	17694.40039	327.45	100.17	48.824515	-86.923417	56449.46	56244.8	5.20	56454.66	56421.47266	56259.85734	56258.07031	505621.1	5407951.1
L5620.0	505621.1	5407949.2	17694.50000	326.86	100.17	48.824498	-86.923418	56455.18	56244.8	5.20	56460.38	56426.59766	56270.12689	56267.49219	505621.1	5407949.2
L5620.0	505621.0	5407947.9	17694.59961	325.60	99.91	48.824486	-86.923418	56460.99	56244.8	5.21	56466.20	56431.82422	56280.28415	56276.79688	505621.0	5407947.9
L5620.0	505621.0	5407946.5	17694.69922	326.11	100.7	48.824474	-86.923419	56466.99	56244.8	5.21	56472.20	56437.23438	56292.07347	56287.73047	505621.0	5407946.5
L5620.0	505621.0	5407946.5	17694.80078	325.78	98.28	48.824474	-86.923419	56473.12	56244.8	5.21	56478.33	56442.77344	56304.27784	56299.07031	505621.0	5407946.5
L5620.0	505620.9	5407945.0	17694.90039	322.84	98.28	48.824460	-86.923420	56479.27	56244.8	5.21	56484.48	56448.33594	56314.37570	56308.30078	505620.9	5407945.0
L5620.0	505620.9	5407943.8	17695.00000	323.80	87.31	48.824450	-86.923420	56485.54	56244.8	5.21	56490.75	56454.01563	56324.58478	56317.63281	505620.9	5407943.8
L5620.0	505620.8	5407942.1	17695.09961	324.25	82.26	48.824434	-86.923421	56491.88	56244.8	5.21	56497.08	56459.76172	56333.55817	56325.72266	505620.8	5407942.1
L5620.0	505620.8	5407940.6	17695.19922	325.07	85.36	48.824421	-86.923421	56498.38	56244.8	5.21	56503.59	56465.68750	56343.96621	56335.24609	505620.8	5407940.6
L5620.0	505620.8	5407939.4	17695.30078	324.14	85.36	48.824410	-86.923422	56504.94	56244.8	5.21	56510.15	56471.66797	56352.97458	56343.36719	505620.8	5407939.4
L5620.0	505620.8	5407938.0	17695.40039	322.70	77.85	48.824397	-86.923422	56511.63	56244.8	5.21	56516.84	56477.77734	56362.36724	56351.86328	505620.8	5407938.0
L5620.0	505620.8	5407938.0	17695.50000	320.39	77.06	48.824397	-86.923422	56518.32	56244.8	5.21	56523.53	56483.88672	56369.37000	56357.96484	505620.8	5407938.0
L5620.0	505620.7	5407936.6	17695.59961	321.47	75.35	48.824385	-86.923422	56525.18	56244.8	5.21	56530.39	56490.17188	56377.70889	56365.39844	505620.7	5407936.6
L5620.0	505620.7	5407935.3	17695.69922	321.31	75.35	48.824374	-86.923423	56532.02	56244.8	5.21	56537.23	56496.43750	56383.32122	56370.10547	505620.7	5407935.3
L5620.0	505620.7	5407933.9	17695.80078	322.92	77.37	48.824361	-86.923423	56539.06	56244.8	5.21	56544.27	56502.90625	56391.00550	56376.87891	505620.7	5407933.9
L5620.0	505620.7	5407932.6	17695.90039	322.92	76.64	48.824348	-86.923423	56546.16	56244.8	5.21	56551.37	56509.43750	56397.80493	56382.76563	505620.7	5407932.6
L5620.0	505620.7	5407932.6	17696.00000	322.43	77.03	48.824348	-86.923423	56553.40	56244.8	5.21	56558.61	56516.10938	56405.49343	56389.53125	505620.7	5407932.6
L5620.0	505620.7	5407930.6	17696.09961	323.47	77.03	48.824331	-86.923423	56560.76	56244.8	5.21	56565.97	56522.90234	56413.69591	56396.81250	505620.7	5407930.6
L5620.0	505620.7	5407930.6	17696.19922	325.59	78.77	48.824331	-86.923423	56568.28	56244.8	5.21	56573.50	56529.86719	56423.52403	56405.71875	505620.7	5407930.6
L5620.0	505620.7	5407929.2	17696.30078	325.46	94.02	48.824318	-86.923423	56575.82	56244.8	5.22	56581.03	56536.83984	56431.45424	56412.72266	505620.7	5407929.2
L5620.0	505620.7	5407927.7	17696.40039	326.25	93.6	48.824304	-86.923423	56583.57	56244.8	5.22	56588.79	56544.04297	56442.36149	56422.70313	505620.7	5407927.7
L5620.0	505620.7	5407926.6	17696.50000	325.39	93.6	48.824294	-86.923423	56591.31	56244.8	5.22	56596.53	56551.22656	56451.09818	56430.50781	505620.7	5407926.6
L5620.0	505620.8	5407925.2	17696.59961	326.61	93.5	48.824282	-86.923422	56599.32	56244.8	5.22	56604.54	56558.67969	56463.71638	56442.19531	505620.8	5407925.2
L5620.0	505620.8	5407923.8	17696.69922	327.06	93.34	48.824270	-86.923422	56607.34	56244.8	5.22	56612.56	56566.15234	56474.92367	56452.46875	505620.8	5407923.8
L5620.0	505620.8	5407923.8	17696.80078	326.72	93.16	48.824270	-86.923422	56615.44	56244.8	5.23	56620.66	56573.70313	56486.24155	56462.85547	505620.8	5407923.8
L5620.0	505620.9	5407921.7	17696.90039	319.93	93.16	48.824251	-86.923421	56623.64	56244.8	5.23	56628.87	56581.37109	56498.34217	56474.02344	505620.9	5407921.7
L5620.0	505620.9	5407920.6	17697.00000	319.21	92.27	48.824241	-86.923421	56631.98	56244.8	5.23	56637.21	56589.16797	56511.68045	56486.42578	505620.9	5407920.6
L5620.0	505620.9	5407920.6	17697.09961	319.03	91.73	48.824241	-86.923421	56640.31	56244.8	5.23	56645.54	56596.95703	56523.56380	56497.37891	505620.9	5407920.6
L5620.0	505621.0	5407918.9	17697.19922	318.76	91.73	48.824225	-86.923420	56648.93	56244.8	5.23	56654.16	56605.04297	56539.93136	56512.81250	505621.0	5407918.9
L5620.0	505621.0	5407917.6	17697.30078	318.98	83.17	48.824214	-86.923419	56657.64	56244.8	5.23	56662.87	56613.22266	56556.88569	56528.83984	505621.0	5407917.6
L5620.0	505621.1	5407916.2	17697.40039	319.00	83.13	48.824202	-86.923418	56666.46	56244.8	5.23	56671.69	56621.51172	56574.85813	56545.88281	505621.1	5407916.2
L5620.0	505621.1	5407916.2	17697.50000	319.74	91.18	48.824202	-86.923418	56675.37	56244.8	5.23	56680.60	56629.89453	56593.51189	56563.60547	505621.1	5407916.2
L5620.0	505621.2	5407914.8	17697.59961	319.11	91.18	48.824189	-86.923417	56684.40	56244.8	5.23	56689.63	56638.40234	56613.46254	56582.63281	505621.2	5407914.8
L5620.0	505621.2	5407913.7	17697.69922	318.21	91.09	48.824179	-86.923416	56693.48	56244.8	5.23	56698.71	56646.96484	56633.47875	56601.72656	505621.2	5407913.7
L5620.0	505621.3	5407912.6	17697.80078	317.39	91.25	48.824169	-86.923416	56702.69	56244.8	5.23	56707.92	56655.66016	56655.13233	56622.46484	505621.3	5407912.6
L5620.0	505621.3	5407911.3	17697.90039	317.80	91.25	48.824157	-86.923415	56711.84	56244.8	5.23	56717.07	56664.29688	56675.08579	56641.50000	505621.3	5407911.3
L5620.0	505621.3	5407910.2	17698.00000	318.09	90.47	48.824147	-86.923415	56721.17	56244.8	5.23	56726.40	56673.11719	56697.84331	56663.34766	505621.3	5407910.2
L5620.0	505621.3	5407910.2	17698.09961	318.07	90.38	48.824147	-86.923415	56730.47	56244.8	5.23	56735.71	56681.92188	56719.94738	56684.54297	505621.3	5407910.2
L5620.0	505621.4	5407908.5	17698.19922	318.85	90.38	48.824132	-86.923414	56739.78	56244.8	5.24	56745.02	56690.73438	56741.93969	56705.63281	505621.4	5407908.5
L5620.0	505621.4	5407907.2	17698.30078	319.80	89.56	48.824121	-86.923414	56749.10	56244.8	5.24	56754.34	56699.55859	56764.16742	56726.96484	505621.4	5407907.2
L5620.0	505621.4	5407907.2	17698.40039	318.89	70.19	48.824121	-86.923414	56758.50	56244.8	5.25	56763.75	56708.47656	56788.21500	56750.12500	505621.4	5407907.2
L5620.0	505621.4	5407904.8	17698.50000	317.41	70.19	48.824099	-86.923414	56767.76	56244.8	5.25	56773.01	56717.24609	56809.94460	56770.96484	505621.4	5407904.8
L5620.0	505621.4	5407904.8	17698.59961	317.99	59.99	48.824099	-86.923414	56776.96	56244.7	5.25	56782.22	56725.97266	56831.27372	56791.41406	505621.4	5407904.8
L5620.0	505621.4	5407903.4	17698.69922	317.87	59.99	48.824086	-86.923414	56786.05	56244.7	5.26	56791.31	56734.58203	56851.08271	56810.35156	505621.4	5407903.4
L5620.0	505621.4	5407902.1	17698.80078	319.13	65.67	48.824074	-86.923414	56794.96	56244.7	5.26	56800.22	56743.01953	56868.42086	56826.82813	505621.4	5407902.1
L5620.0	505621.4	5407900.8	17698.90039	320.05	87.84	48.824063	-86.923414	56803.77	56244.7	5.27	56809.03	56751.35938	56884.83444	56842.38672	505621.4	5407900.8
L5620.0	505621.4	5407900.8	17699.00000	320.14	77.93	48.824063	-86.923414	56812.56	56244.7	5.27	56817.82	56759.67969	56901.86775	56858.57031	505621.4	5407900.8
L5620.0	505621.4	5407899.5	17699.09961	320.00	77.93	48.824051	-86.923414	56821.30	56244.7	5.27	56826.57	56767.96875	56919.28054	56875.14063	505621.4	5407899.5
L5620.0	505621.4	5407897.9	17699.19922	321.18	81.47	48.824037	-86.923415	56829.93	56244.7	5.26	56835.19	56776.13281	56935.56984	56890.60156	505621.4	5407897.9
L5620.0	505621.3	5407896.7	17699.30078	321.63	77.57	48.824026	-86.923415	56838.41	56244.7	5.26	56843.67	56784.16016	56950.67408	56904.88281	505621.3	5407896.7
L5620.0	505621.3	5407895.5	17699.40039	316.31	77.57	48.824015	-86.923415	56846.77	56244.7	5.26	56852.02	56792.06641	56964.89100	56918.28906	505621.3	5407895.5
L5620.0	505621.3	5407895.5	17699.50000	316.90	86.59	48.824015	-86.923415	56855.16	56244.7	5.25	56860.42	56800.02344	56981.58420	56934.17969	505621.3	5407895.5
L5620.0	505621.4	5407894.4	17699.59961	322.30	86.84	48.824005	-86.923415	56863.38	56244.7	5.25	56868.63	56807.79297	56996.53141	56948.33594	505621.4	5407894.4
L5620.0	505621.4	5407893.6	17699.69922	321.31	86.84	48.823998	-86.923415	56871.44	56244.8	5.25	56876.69	56815.42188	57010.54811	56961.57031	505621.4	5407893.6
L5620.0	505621.4	5407892.1	17699.80078	320.26	86.79	48.823985	-86.923414	56879.38	56244.8	5.25	56884.62	56822.92578	57024.10158	56974.35547	505621.4	5407892.1
L5620.0	505621.4	5407891.0	17699.90039	319.71	86.79	48.823974	-86.923414	56887.09	56244.8	5.24	56892.34	56830.22656	57035.82028	56985.32031	505621.4	5407891.0
L5620.0	505621.4	5407890.1	17700.00000	319.04	86.67	48.823966	-86.923413	56894.82	56244.8	5.24	56900.06	56837.52734	57049.60029	56998.35156	505621.4	5407890.1
L5620.0	505621.4	5407890.1	17700.09961	318.31	86.39	48.823966	-86.923413	56902.44	56244.8	5.24	56907.68	56844.73438	57063.70232	57011.71875	505621.4	5407890.1
L5620.0	505621.5	5407889.0	17700.19922	318.90	86.39	48.823957	-86.923413	56909.88	56244.8	5.24	56915.13	56851.78125	57076.92231	57024.21875	505621.5	5407889.0
L5620.0	505621.5	5407889.0	17700.30078	318.35	85.39	48.823957	-86.923413	56917.07	56244.8	5.25	56922.32	56858.57031	57087.67726	57034.26953	505621.5	5407889.0
L5620.0	505621.6	5407886.5	17700.40039	318.68	85.39	48.823934	-86.923412	56924.15	56244.8	5.25	56929.40	56865.25781	57098.77293	57044.67188	505621.6	5407886.5
L5620.0	505621.6	5407886.5	17700.50000	318.25	84.87	48.823934	-86.923412	56931.06	56244.8	5.25	56936.31	56871.77734	57109.22542	57054.44141	505621.6	5407886.5
L5620.0	505621.6	5407885.4	17700.59961	320.76	84.87	48.823924	-86.923411	56937.77	56244.7	5.25	56943.03	56878.11328	57118.75041	57063.30078	505621.6	5407885.4
L5620.0	505621.7	5407884.3	17700.69922	320.26	84.91	48.823914	-86.923410	56944.52	56244.7	5.25	56949.77	56884.47266	57131.26228	57075.16016	505621.7	5407884.3
L5620.0	505621.7	5407884.3	17700.80078	320.16	84.37	48.823914	-86.923410	56950.93	56244.7	5.26	56956.19	56890.52344	57140.66043	57083.92188	505621.7	5407884.3
L5620.0	505621.7	5407883.0	17700.90039	319.97	84.37	48.823902	-86.923410	56957.27	56244.7	5.26	56962.52	56896.48828	57151.20784	57093.84766	505621.7	5407883.0
L5620.0	505621.7	5407883.0	17701.00000	320.19	84.53	48.823902	-86.923410	56963.16	56244.7	5.26	56968.42	56902.02734	57156.80103	57098.83203	505621.7	5407883.0
L5620.0	505621.8	5407882.0	17701.09961	321.60	84.53	48.823894	-86.923409	56968.96	56244.7	5.26	56974.22	56907.46875	57163.50352	57104.94141	505621.8	5407882.0
L5620.0	505621.8	5407881.0	17701.19922	322.12	84.36	48.823885	-86.923408	56974.39	56244.7	5.26	56979.65	56912.55078	57166.48688	57107.34766	505621.8	5407881.0
L5620.0	505621.9	5407880.2	17701.30078	320.24	84.36	48.823878	-86.923408	56979.64	56244.7	5.26	56984.90	56917.45703	57169.25466	57109.55469	505621.9	5407880.2
L5620.0	505622.0	5407879.1	17701.40039	319.92	84.11	48.823868	-86.923407	56984.72	56244.7	5.26	56989.97	56922.19141	57171.84706	57111.60547	505622.0	5407879.1
L5620.0	505622.0	5407878.1	17701.50000	319.11	84.11	48.823858	-86.923406	56989.76	56244.7	5.26	56995.02	56926.91016	57177.19283	57116.41797	505622.0	5407878.1
L5620.0	505622.0	5407878.1	17701.59961	318.52	83.47	48.823858	-86.923406	56994.61	56244.7	5.25	56999.86	56931.42188	57181.87573	57120.58984	505622.0	5407878.1
L5620.0	505622.1	5407877.3	17701.69922	317.69	81.6	48.823852	-86.923405	56999.29	56244.7	5.25	57004.55	56935.79297	57187.02566	57125.24219	505622.1	5407877.3
L5620.0	505622.1	5407876.4	17701.80078	317.50	81.6	48.823843	-86.923405	57003.85	56244.7	5.25	57009.10	56940.03125	57192.85660	57130.59766	505622.1	5407876.4
L5620.0	505622.2	5407875.5	17701.90039	316.90	81.65	48.823835	-86.923404	57008.18	56244.7	5.25	57013.43	56944.05469	57197.93049	57135.20703	505622.2	5407875.5
L5620.0	505622.2	5407874.7	17702.00000	316.70	78.92	48.823828	-86.923403	57012.32	56244.8	5.25	57017.57	56947.89063	57202.80530	57139.63672	505622.2	5407874.7
L5620.0	505622.2	5407874.1	17702.09961	320.86	78.92	48.823823	-86.923403	57016.21	56244.7	5.25	57021.46	56951.48438	57206.37640	57142.77734	505622.2	5407874.1

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5620.0	505622.2	5407874.1	17702.19922	320.66	81.92	48.823823	-86.923403	57019.89	56244.7	5.26	57025.15	56954.88281	57209.54504	57145.53516	505622.2	5407874.1
L5620.0	505622.2	5407873.3	17702.30078	321.82	81.92	48.823815	-86.923403	57023.32	56244.7	5.26	57028.58	56958.03125	57211.16886	57146.76953	505622.2	5407873.3
L5620.0	505622.3	5407872.4	17702.40039	321.40	81.43	48.823807	-86.923402	57026.74	56244.7	5.27	57032.01	56961.18359	57216.10673	57151.32813	505622.3	5407872.4
L5620.0	505622.3	5407871.6	17702.50000	316.51	80.98	48.823800	-86.923402	57030.14	56244.7	5.27	57035.41	56964.30859	57223.81835	57158.67969	505622.3	5407871.6
L5620.0	505622.3	5407870.9	17702.59961	315.67	80.48	48.823794	-86.923402	57033.36	56244.7	5.27	57038.63	56967.26172	57231.42763	57165.94531	505622.3	5407870.9
L5620.0	505622.4	5407870.3	17702.69922	320.66	78.44	48.823788	-86.923401	57036.35	56244.7	5.28	57041.63	56970.00000	57238.08170	57172.27734	505622.4	5407870.3
L5620.0	505622.4	5407870.3	17702.80078	321.12	78.44	48.823788	-86.923401	57039.13	56244.7	5.28	57044.41	56972.52734	57243.68989	57177.57813	505622.4	5407870.3
L5620.0	505622.4	5407869.3	17702.90039	321.19	65.44	48.823779	-86.923401	57041.50	56244.7	5.29	57046.78	56974.64844	57244.33473	57177.93359	505622.4	5407869.3
L5620.0	505622.4	5407868.5	17703.00000	322.89	66.11	48.823772	-86.923401	57043.76	56244.7	5.29	57049.05	56976.67578	57245.97562	57179.30078	505622.4	5407868.5
L5620.0	505622.4	5407867.9	17703.09961	321.33	66.47	48.823766	-86.923401	57045.86	56244.7	5.29	57051.15	56978.53516	57247.11044	57180.17969	505622.4	5407867.9
L5620.0	505622.4	5407867.0	17703.19922	323.42	66.47	48.823759	-86.923401	57047.86	56244.7	5.29	57053.15	56980.30078	57249.04796	57181.87891	505622.4	5407867.0
L5620.0	505622.4	5407867.0	17703.30078	324.85	66.47	48.823759	-86.923401	57049.71	56244.7	5.30	57055.01	56981.93750	57250.86064	57183.47266	505622.4	5407867.0
L5620.0	505622.4	5407866.3	17703.40039	324.48	79.68	48.823752	-86.923401	57051.46	56244.7	5.30	57056.76	56983.46484	57253.04399	57185.44922	505622.4	5407866.3
L5620.0	505622.4	5407865.7	17703.50000	326.45	78.49	48.823747	-86.923401	57053.11	56244.7	5.30	57058.41	56984.89844	57255.72812	57187.94531	505622.4	5407865.7
L5620.0	505622.4	5407865.0	17703.59961	319.91	78.49	48.823740	-86.923400	57054.68	56244.7	5.30	57059.98	56986.25781	57259.23438	57191.28125	505622.4	5407865.0
L5620.0	505622.4	5407864.3	17703.69922	320.33	76.93	48.823735	-86.923400	57055.97	56244.7	5.30	57061.27	56987.33984	57259.21349	57191.10547	505622.4	5407864.3
L5620.0	505622.4	5407863.9	17703.80078	326.26	75.14	48.823731	-86.923400	57057.28	56244.7	5.31	57062.58	56988.45313	57261.90788	57193.66016	505622.4	5407863.9
L5620.0	505622.4	5407863.3	17703.90039	325.78	73.82	48.823725	-86.923400	57058.29	56244.7	5.31	57063.59	56989.26563	57260.40975	57192.04297	505622.4	5407863.3
L5620.0	505622.4	5407863.3	17704.00000	325.13	73.82	48.823725	-86.923400	57059.21	56244.7	5.31	57064.52	56990.00781	57259.28854	57190.81250	505622.4	5407863.3
L5620.0	505622.4	5407862.3	17704.09961	326.27	74.02	48.823716	-86.923400	57059.98	56244.7	5.31	57065.29	56990.58984	57256.75506	57188.18750	505622.4	5407862.3
L5620.0	505622.4	5407861.7	17704.19922	326.00	74.02	48.823711	-86.923400	57060.61	56244.7	5.31	57065.91	56991.02734	57252.94223	57184.29688	505622.4	5407861.7
L5620.0	505622.4	5407861.1	17704.30078	324.05	75.84	48.823705	-86.923400	57061.20	56244.7	5.31	57066.51	56991.45313	57250.50546	57181.80078	505622.4	5407861.1
L5620.0	505622.4	5407861.1	17704.40039	325.30	75.96	48.823705	-86.923400	57061.61	56244.7	5.31	57066.92	56991.69141	57245.78667	57177.03516	505622.4	5407861.1
L5620.0	505622.5	5407859.8	17704.50000	323.58	75.96	48.823694	-86.923400	57061.96	56244.7	5.31	57067.27	56991.87500	57241.44315	57172.66016	505622.5	5407859.8
L5620.0	505622.5	5407859.8	17704.59961	325.30	76.87	48.823694	-86.923400	57062.22	56244.7	5.30	57067.53	56991.97266	57236.76596	57167.96484	505622.5	5407859.8
L5620.0	505622.5	5407859.3	17704.69922	318.70	76.87	48.823689	-86.923400	57062.23	56244.7	5.30	57067.53	56991.81250	57228.23805	57159.43359	505622.5	5407859.3
L5620.0	505622.5	5407858.7	17704.80078	319.05	67.03	48.823684	-86.923400	57062.22	56244.7	5.30	57067.53	56991.66016	57221.12851	57152.33594	505622.5	5407858.7
L5620.0	505622.4	5407857.9	17704.90039	320.54	67.03	48.823677	-86.923401	57061.89	56244.7	5.30	57067.20	56991.17969	57208.78955	57140.01953	505622.4	5407857.9
L5620.0	505622.4	5407857.9	17705.00000	325.18	70.61	48.823677	-86.923401	57061.47	56244.7	5.30	57066.77	56990.60547	57195.86044	57127.12500	505622.4	5407857.9
L5620.0	505622.4	5407856.9	17705.09961	326.26	71.98	48.823667	-86.923401	57060.84	56244.7	5.30	57066.14	56989.83203	57180.38484	57111.69531	505622.4	5407856.9
L5620.0	505622.4	5407856.9	17705.19922	323.68	71.91	48.823667	-86.923401	57060.24	56244.7	5.30	57065.55	56989.10156	57166.97142	57098.33984	505622.4	5407856.9
L5620.0	505622.3	5407856.2	17705.30078	321.26	71.91	48.823661	-86.923402	57059.47	56244.7	5.31	57064.78	56988.19922	57151.34207	57082.78516	505622.3	5407856.2
L5620.0	505622.3	5407855.7	17705.40039	321.20	69.72	48.823657	-86.923402	57058.88	56244.7	5.31	57064.18	56987.46875	57139.99838	57071.52344	505622.3	5407855.7
L5620.0	505622.3	5407855.3	17705.50000	318.77	69.72	48.823654	-86.923403	57058.16	56244.7	5.31	57063.47	56986.62891	57127.55889	57059.17578	505622.3	5407855.3
L5620.0	505622.3	5407855.3	17705.59961	318.85	76.08	48.823654	-86.923403	57057.54	56244.7	5.31	57062.85	56985.88281	57117.58737	57049.30469	505622.3	5407855.3
L5620.0	505622.2	5407854.8	17705.69922	318.13	76.14	48.823649	-86.923403	57056.95	56244.7	5.31	57062.26	56985.16797	57108.82887	57040.66016	505622.2	5407854.8
L5620.0	505622.2	5407854.3	17705.80078	317.50	74.91	48.823645	-86.923404	57056.56	56244.7	5.32	57061.88	56984.67188	57104.34725	57036.30078	505622.2	5407854.3
L5620.0	505622.1	5407853.9	17705.90039	316.85	74.91	48.823641	-86.923405	57056.07	56244.7	5.32	57061.39	56984.06250	57098.29735	57030.38281	505622.1	5407853.9
L5620.0	505622.1	5407853.5	17706.00000	317.56	70.73	48.823637	-86.923405	57055.69	56244.7	5.32	57061.01	56983.57031	57094.47509	57026.69922	505622.1	5407853.5
L5620.0	505622.1	5407853.5	17706.09961	317.40	69.99	48.823637	-86.923405	57055.27	56244.7	5.32	57060.59	56983.03516	57090.13544	57022.50391	505622.1	5407853.5
L5620.0	505622.0	5407852.8	17706.19922	317.09	69.99	48.823631	-86.923406	57054.81	56244.7	5.33	57060.14	56982.47656	57085.37251	57017.89453	505622.0	5407852.8
L5620.0	505622.0	5407852.8	17706.30078	316.15	70.64	48.823631	-86.923406	57054.30	56244.7	5.33	57059.63	56981.85938	57079.58070	57012.26172	505622.0	5407852.8
L5620.0	505622.0	5407852.5	17706.40039	317.55	71.3	48.823628	-86.923406	57053.83	56244.7	5.33	57059.16	56981.28125	57074.41306	57007.26172	505622.0	5407852.5
L5620.0	505622.0	5407852.0	17706.50000	317.94	71.3	48.823624	-86.923406	57053.32	56244.7	5.33	57058.65	56980.66797	57068.39482	57001.41797	505622.0	5407852.0
L5620.0	505622.0	5407851.8	17706.59961	318.74	76.26	48.823622	-86.923406	57052.75	56244.7	5.34	57058.09	56980.00391	57061.26601	56994.46484	505622.0	5407851.8
L5620.0	505622.0	5407851.5	17706.69922	319.87	76.26	48.823620	-86.923406	57052.21	56244.7	5.34	57057.55	56979.36328	57054.16371	56987.54297	505622.0	5407851.5
L5620.0	505622.1	5407851.3	17706.80078	320.13	71	48.823617	-86.923406	57051.74	56244.7	5.34	57057.09	56978.80469	57048.07217	56981.63672	505622.1	5407851.3
L5620.0	505622.1	5407851.3	17706.90039	320.50	67.8	48.823617	-86.923406	57051.18	56244.7	5.35	57056.53	56978.14453	57039.75271	56973.50781	505622.1	5407851.3
L5620.0	505622.1	5407851.1	17707.00000	319.14	69.75	48.823615	-86.923406	57050.54	56244.7	5.35	57055.89	56977.40625	57029.46124	56963.40625	505622.1	5407851.1
L5620.0	505622.1	5407850.8	17707.09961	319.30	69.75	48.823613	-86.923406	57049.94	56244.7	5.35	57055.29	56976.70703	57019.26170	56953.40234	505622.1	5407850.8
L5620.0	505622.1	5407850.6	17707.19922	319.99	75.92	48.823611	-86.923406	57049.35	56244.7	5.35	57054.70	56976.01953	57008.56833	56942.90625	505622.1	5407850.6
L5620.0	505622.1	5407850.4	17707.30078	319.16	75.92	48.823610	-86.923406	57048.86	56244.7	5.34	57054.20	56975.42578	56998.80584	56933.33984	505622.1	5407850.4
L5620.0	505622.1	5407850.4	17707.40039	319.99	76.41	48.823610	-86.923406	57048.68	56244.7	5.34	57054.02	56975.14844	56994.22649	56928.95703	505622.1	5407850.4
L5620.1	505620.9	5409645.4	13386.50000	435.54	0	48.839757	-86.923396	56142.91	56250.9	-0.88	56142.03	56062.78516	56474.52133	56174.51953	505620.9	5409645.4
L5620.1	505620.9	5409645.6	13386.59961	436.97	0	48.839758	-86.923397	56142.78	56250.9	-0.88	56141.90	56063.23047	56450.88614	56155.68359	505620.9	5409645.6
L5620.1	505620.9	5409645.7	13386.70020	428.18	0	48.839760	-86.923397	56142.70	56250.9	-0.88	56141.82	56063.72656	56428.93833	56138.53125	505620.9	5409645.7
L5620.1	505620.9	5409646.0	13386.79981	429.12	0	48.839762	-86.923397	56142.42	56250.9	-0.89	56141.54	56064.02734	56402.22380	56116.60938	505620.9	5409646.0
L5620.1	505620.9	5409646.0	13386.90039	427.12	0	48.839762	-86.923397	56142.64	56250.9	-0.89	56141.75	56064.81250	56388.59481	56107.76953	505620.9	5409646.0
L5620.1	505620.8	5409646.2	13387.00000	428.25	0	48.839764	-86.923398	56142.70	56250.9	-0.89	56141.81	56065.44922	56371.51124	56095.46484	505620.8	5409646.2
L5620.1	505620.8	5409646.5	13387.09961	428.87	0	48.839767	-86.923398	56142.60	56250.9	-0.89	56141.71	56065.92578	56350.72317	56079.44922	505620.8	5409646.5
L5620.1	505620.8	5409646.5	13387.20020	425.73	0	48.839767	-86.923398	56142.66	56250.9	-0.89	56141.77	56066.56641	56334.51329	56068.00000	505620.8	5409646.5
L5620.1	505620.8	5409646.9	13387.29981	426.90	0	48.839771	-86.923398	56142.83	56250.9	-0.89	56141.94	56067.31641	56321.59601	56059.83203	505620.8	5409646.9
L5620.1	505620.8	5409647.3	13387.40039	426.25	0	48.839774	-86.923398	56142.96	56250.9	-0.89	56142.07	56068.02734	56308.09918	56051.07031	505620.8	5409647.3
L5620.1	505620.8	5409647.6	13387.50000	425.06	0	48.839777	-86.923398	56143.62	56250.9	-0.89	56142.73	56069.26563	56308.76806	56056.45703	505620.8	5409647.6
L5620.1	505620.8	5409647.6	13387.59961	424.00	0	48.839777	-86.923398	56143.81	56250.9	-0.89	56142.92	56070.03906	56297.74942	56050.14063	505620.8	5409647.6
L5620.1	505620.8	5409648.0	13387.70020	421.79	0	48.839780	-86.923398	56144.20	56250.9	-0.89	56143.31	56071.01172	56292.37295	56049.44922	505620.8	5409648.0
L5620.1	505620.8	5409648.5	13387.79981	419.35	0	48.839784	-86.923397	56144.68	56250.9	-0.89	56143.79	56072.07813	56289.79800	56051.53516	505620.8	5409648.5
L5620.1	505620.8	5409648.5	13387.90039	419.76	0	48.839784	-86.923397	56144.95	56250.9	-0.89	56144.06	56072.93359	56282.27011	56048.64844	505620.8	5409648.5
L5620.1	505620.9	5409649.0	13388.00000	419.84	0	48.839790	-86.923397	56145.19	56250.9	-0.89	56144.30	56073.76172	56274.44615	56045.44141	505620.9	5409649.0
L5620.1	505620.9	5409649.5	13388.09961	419.16	0	48.839794	-86.923397	56145.11	56250.9	-0.89	56144.21	56074.25781	56258.57021	56034.15625	505620.9	5409649.5
L5620.1	505621.0	5409650.0	13388.20020	417.48	0	48.839798	-86.923396	56145.34	56250.9	-0.89	56144.44	56075.08203	56251.45120	56031.60156	505621.0	5409650.0
L5620.1	505621.0	5409650.0	13388.20020	417.48	0	48.839798	-86.923396	56145.34	56250.9	-0.89	56144.44	56075.67188	56238.86716	56023.55469	505621.0	5409650.0
L5620.1	505621.0	5409650.6	13388.40039	418.65	0	48.839804	-86.923395	56145.54	56250.9	-0.89	56144.64	56076.46875	56231.93670	56021.12891	505621.0	5409650.6
L5620.1	505621.1	5409651.2	13388.50000	419.78	0	48.839810	-86.923395	56145.59	56250.9	-0.90	56144.69	56077.11328	56221.60814	56015.27344	505621.1	5409651.2
L5620.1	505621.1	5409651.2	13388.59961	418.02	0	48.839810	-86.923395	56144.96	56250.9	-0.90	56144.07	56077.08984	56194.43319	55992.53906	505621.1	5409651.2
L5620.1	505621.1	5409651.9	13388.70020	416.65	0	48.839815	-86.923394	56145.23	56250.9	-0.90	56144.33	56077.94922	56190.48986	55993.00000	505621.1	5409651.9
L5620.1	505621.1	5409651.9	13388.79981	417.41	0	48.839815	-86.923394	56144.95	56250.9	-0.90	56144.06	56078.28125	56173.31447	55980.19531	505621.1	5409651.9
L5620.1	505621.2	5409652.4	13388.90039	417.71	0	48.839820	-86.923393	56144.77	56250.9	-0.90	56143.87	56078.69531	56158.67678	55969.89063	505621.2	5409652.4
L5620.1	505621.2	5409653.2	13389.00000	422.27	0	48.839827	-86.923392	56144.89	56250.9	-0.90	56143.99	56079.41797	56152.51970	55968.03125	505621.2	5409653.2
L5620.1	505621.2	5409653.2	13389.09961	421.32	0	48.839827	-86.923392	56144.55	56250.9	-0.90	56143.65	56079.68359	56134.92707	55954.69141	505621.2	5409653.2
L5620.1	505621.3	5409654.0	13389.20020	421.58	0	48.839835	-86.923391	56144.43	56250.9	-0.90	56143.53	56080.17578	56123.47688	55947.45703	505621.3	5409654.0
L5620.1	505621.4	5409654.7	13389.29981	420.43	0	48.839840	-86.923390	56144.19	56250.9	-0.90	56143.29	56080.54688	56109.37094	55937.52344	505621.4	5409654.7
L5620.1	505621.4	5409654.7	13389.40039	423.85	0	48.839840	-86.923390	56144.31	56250.9	-0.90	56143.40	56081.26953	56104.75583	55937.03516	505621.4	5409654.7
L5620.1	505621.5	5409655.3	13389.50000	423.96	0	48.839846	-86.923389	56144.22	56250.9	-0.90	56143.32	56081.80469	56095.66060	55932.02344	505621.5	5409655.3
L5620.1	505621.5	5409655.7	13389.59961	424.83	0	48.839849	-86.923388	56144.36	56250.9	-0.90	56143.46	56082.56250	56092.67927	55933.07813	505621.5	5409655.7
L5620.1	505621.6	5409656.4	13389.70020	423.41	0	48.839856	-86.923387	56144.39	56250.9	-0.90	56143.49	56083.21484	56087.27018	55931.66016	505621.6	5409656.4
L5620.1	505621.6	5409656.4	13389.79981	424.61	0	48.839856	-86.923387	56144.78	56250.9	-0.90	56143.88	56084.22656	56091.57793	55939.91406	505621.6	5409656.4
L5620.1	505621.6	5409656.9	13389.90039	426.31	0	48.839861	-86.923387	56144.77	56250.9	-0.90	56143.87	56084.84375	56085.94083	55938.17188	505621.6	5409656.9
L5620.1	505621.7	5409657.6	13390.00000	423.76	0	48.839867	-86.923386	56144.85	56250.9	-0.90	56143.95	56085.54688	56083.01983	55939.09375	505621.7	5409657.6
L5620.1	505621.7	5409658.6	13390.09961	424.23	0	48.839875	-86.923386	56145.06	56250.9	-0.90	56144.15	56086.37500	56083.58063	55943.44922	505621.7	5409658.6
L5620.1	505621.7	5409658.6	13390.20020	425.73	0	48.839875	-86.923386	56144.94	56250.9	-0.90	56144.04	56086.89844	56076.49372	55940.10547	505621.7	5409658.6
L5620.1	505621.7	5409659.3	13390.20020	425.73	0	48.839882	-86.923386	56145.36	56250.9	-0.90	56144.46	56087.95313	56083.46947	55950.76953	505621.7	5409659.3
L5620.1	505621.7	5409659.3	13390.40039	426.26	0	48.839882	-86.923386	56145.48	56250.9	-0.90	56144.58	56088.70703	56083.03438	55953.97266	505621.7	5409659.3

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5620.1	505621.7	5409660.0	13390.50000	428.25	0	48.839888	-86.923386	56145.54	56250.9	-0.90	56144.63	56089.39063	56081.12465	55955.64453	505621.7	5409660.0
L5620.1	505621.7	5409660.6	13390.59961	426.97	0	48.839894	-86.923386	56145.51	56250.9	-0.91	56144.61	56090.01172	56077.72881	55955.77734	505621.7	5409660.6
L5620.1	505621.7	5409660.6	13390.70020	424.59	0	48.839894	-86.923386	56145.54	56250.9	-0.91	56144.63	56090.67188	56075.67962	55957.20313	505621.7	5409660.6
L5620.1	505621.7	5409661.6	13390.79981	425.12	0	48.839903	-86.923386	56145.82	56250.9	-0.91	56144.91	56091.59375	56080.65412	55965.59766	505621.7	5409661.6
L5620.1	505621.6	5409662.3	13390.90039	423.97	0	48.839909	-86.923387	56145.79	56250.9	-0.91	56144.88	56092.21094	56077.90103	55966.20703	505621.6	5409662.3
L5620.1	505621.6	5409662.3	13391.00000	421.62	0	48.839909	-86.923387	56145.79	56250.9	-0.91	56144.88	56092.85547	56076.20018	55967.80859	505621.6	5409662.3
L5620.1	505621.6	5409663.1	13391.09961	425.17	0	48.839916	-86.923387	56145.69	56250.9	-0.91	56144.78	56093.40234	56072.17782	55967.03516	505621.6	5409663.1
L5620.1	505621.6	5409663.7	13391.20020	424.66	0	48.839921	-86.923388	56145.94	56250.9	-0.91	56145.03	56094.30078	56077.45808	55975.50781	505621.6	5409663.7
L5620.1	505621.5	5409664.5	13391.29981	424.45	0	48.839929	-86.923388	56145.76	56250.9	-0.91	56144.85	56094.77344	56071.85919	55973.03906	505621.5	5409664.5
L5620.1	505621.5	5409665.6	13391.40039	422.26	0	48.839939	-86.923389	56145.74	56250.9	-0.91	56144.83	56095.40234	56070.62545	55974.88281	505621.5	5409665.6
L5620.1	505621.5	5409665.6	13391.50000	421.53	0	48.839939	-86.923389	56145.99	56250.9	-0.91	56145.08	56096.30469	56076.58917	55983.85938	505621.5	5409665.6
L5620.1	505621.4	5409666.4	13391.59961	420.11	0	48.839946	-86.923389	56145.69	56250.9	-0.91	56144.78	56096.66016	56068.53434	55978.76172	505621.4	5409666.4
L5620.1	505621.4	5409667.1	13391.70020	419.75	0	48.839952	-86.923390	56145.71	56250.9	-0.91	56144.80	56097.33594	56068.94587	55982.07422	505621.4	5409667.1
L5620.1	505621.3	5409668.2	13391.79981	421.06	0	48.839962	-86.923391	56145.84	56250.9	-0.91	56144.93	56098.12109	56072.38162	55988.34766	505621.3	5409668.2
L5620.1	505621.3	5409668.2	13391.90039	421.56	0	48.839962	-86.923391	56145.82	56250.9	-0.91	56144.91	56098.75781	56072.10670	55990.85547	505621.3	5409668.2
L5620.1	505621.3	5409669.1	13392.00000	421.51	0	48.839970	-86.923391	56145.66	56250.9	-0.91	56144.75	56099.25391	56068.36818	55989.83594	505621.3	5409669.1
L5620.1	505621.3	5409669.1	13392.09961	422.35	0	48.839970	-86.923391	56145.71	56250.9	-0.91	56144.80	56099.96094	56070.20517	55994.33594	505621.3	5409669.1
L5620.1	505621.2	5409670.3	13392.20020	424.11	0	48.839981	-86.923392	56145.62	56250.9	-0.91	56144.71	56100.52734	56068.55609	55995.28906	505621.2	5409670.3
L5620.1	505621.2	5409671.2	13392.20020	424.11	0	48.839989	-86.923392	56145.43	56250.9	-0.91	56144.52	56100.99609	56064.44441	55993.72266	505621.2	5409671.2
L5620.1	505621.2	5409672.2	13392.40039	423.83	0	48.839998	-86.923392	56145.46	56250.9	-0.91	56144.55	56101.68359	56066.13421	55997.89844	505621.2	5409672.2
L5620.1	505621.2	5409672.2	13392.50000	424.67	0	48.839998	-86.923392	56145.27	56250.9	-0.91	56144.36	56102.15234	56062.23741	55996.42578	505621.2	5409672.2
L5620.1	505621.2	5409673.1	13392.59961	424.45	0	48.840006	-86.923393	56145.21	56250.9	-0.91	56144.30	56102.74609	56061.79440	55998.35156	505621.2	5409673.1
L5620.1	505621.2	5409673.1	13392.70020	425.71	0	48.840006	-86.923393	56145.18	56250.9	-0.91	56144.27	56103.37500	56062.20960	56001.07813	505621.2	5409673.1
L5620.1	505621.2	5409674.3	13392.79981	423.77	0	48.840016	-86.923393	56145.34	56250.9	-0.91	56144.43	56104.19141	56067.61092	56008.73047	505621.2	5409674.3
L5620.1	505621.2	5409675.3	13392.90039	421.86	0	48.840026	-86.923393	56145.11	56250.9	-0.91	56144.20	56104.61719	56062.99135	56006.30469	505621.2	5409675.3
L5620.1	505621.2	5409676.3	13393.00000	425.00	0	48.840035	-86.923393	56144.94	56250.9	-0.91	56144.03	56105.09766	56059.97845	56005.42969	505621.2	5409676.3
L5620.1	505621.2	5409676.3	13393.09961	425.61	0	48.840035	-86.923393	56145.16	56250.9	-0.91	56144.25	56105.96875	56067.09712	56014.62891	505621.2	5409676.3
L5620.1	505621.2	5409677.5	13393.20020	421.90	0	48.840046	-86.923393	56145.11	56250.9	-0.91	56144.20	56106.57031	56067.27275	56016.82813	505621.2	5409677.5
L5620.1	505621.2	5409678.4	13393.29981	422.16	0	48.840054	-86.923393	56144.98	56250.9	-0.90	56144.07	56107.09375	56065.41079	56016.93750	505621.2	5409678.4
L5620.1	505621.2	5409678.4	13393.40039	423.51	0	48.840054	-86.923393	56145.14	56250.9	-0.90	56144.24	56107.91016	56071.33018	56024.76953	505621.2	5409678.4
L5620.1	505621.2	5409679.9	13393.50000	424.03	0	48.840067	-86.923393	56145.21	56250.9	-0.90	56144.31	56108.62500	56074.68066	56029.97656	505621.2	5409679.9
L5620.1	505621.2	5409679.9	13393.59961	426.25	0	48.840067	-86.923393	56144.93	56250.9	-0.90	56144.03	56108.98828	56068.99111	56026.09375	505621.2	5409679.9
L5620.1	505621.2	5409681.1	13393.70020	426.77	0	48.840078	-86.923393	56144.77	56250.9	-0.90	56143.88	56109.48047	56066.66750	56025.51953	505621.2	5409681.1
L5620.1	505621.2	5409682.2	13393.79981	428.39	0	48.840088	-86.923393	56144.66	56250.9	-0.89	56143.77	56110.00781	56065.37684	56025.92578	505621.2	5409682.2
L5620.1	505621.2	5409683.3	13393.90039	426.32	0	48.840098	-86.923393	56144.57	56250.9	-0.89	56143.68	56110.55469	56064.59665	56026.79297	505621.2	5409683.3
L5620.1	505621.2	5409684.2	13394.00000	427.30	0	48.840106	-86.923392	56144.66	56250.9	-0.89	56143.77	56111.27734	56068.45936	56032.25000	505621.2	5409684.2
L5620.1	505621.2	5409684.2	13394.09961	428.63	0	48.840106	-86.923392	56144.60	56250.9	-0.89	56143.71	56111.84375	56068.42714	56033.75781	505621.2	5409684.2
L5620.1	505621.2	5409685.6	13394.20020	427.67	0	48.840119	-86.923392	56144.63	56250.9	-0.89	56143.73	56112.49219	56070.44329	56037.26953	505621.2	5409685.6
L5620.1	505621.2	5409685.6	13394.20020	427.67	0	48.840119	-86.923392	56144.48	56250.9	-0.89	56143.58	56112.96484	56068.03942	56036.30859	505621.2	5409685.6
L5620.1	505621.2	5409686.9	13394.40039	429.19	0	48.840130	-86.923392	56144.32	56250.9	-0.90	56143.42	56113.42188	56065.34949	56035.01172	505621.2	5409686.9
L5620.1	505621.2	5409688.1	13394.50000	425.10	0	48.840141	-86.923392	56144.23	56250.9	-0.90	56143.33	56113.94922	56064.43913	56035.44922	505621.2	5409688.1
L5620.1	505621.2	5409688.1	13394.59961	422.18	0	48.840141	-86.923392	56144.18	56250.9	-0.90	56143.27	56114.49609	56064.27135	56036.58203	505621.2	5409688.1
L5620.1	505621.2	5409689.4	13394.70020	422.90	0	48.840153	-86.923392	56144.09	56250.9	-0.90	56143.18	56115.01563	56063.29231	56036.85547	505621.2	5409689.4
L5620.1	505621.2	5409689.4	13394.79981	423.15	0	48.840153	-86.923392	56144.20	56250.9	-0.91	56143.29	56115.72656	56067.44748	56042.22266	505621.2	5409689.4
L5620.1	505621.2	5409690.6	13394.90039	420.33	0	48.840163	-86.923392	56144.22	56250.9	-0.91	56143.31	56116.34375	56069.23623	56045.17578	505621.2	5409690.6
L5620.1	505621.2	5409691.6	13395.00000	418.42	0	48.840173	-86.923392	56144.10	56250.9	-0.91	56143.19	56116.81250	56067.36431	56044.42188	505621.2	5409691.6
L5620.1	505621.2	5409692.8	13395.09961	418.17	0	48.840183	-86.923392	56144.04	56250.9	-0.91	56143.13	56117.33984	56067.00237	56045.14063	505621.2	5409692.8
L5620.1	505621.2	5409693.8	13395.20020	416.02	0	48.840193	-86.923392	56143.87	56250.9	-0.91	56142.96	56117.75000	56063.75372	56042.92578	505621.2	5409693.8
L5620.1	505621.2	5409693.8	13395.29981	412.48	0	48.840193	-86.923392	56143.72	56250.9	-0.91	56142.81	56118.17578	56060.97948	56041.14844	505621.2	5409693.8
L5620.1	505621.2	5409695.1	13395.40039	415.05	0	48.840204	-86.923392	56143.59	56250.9	-0.91	56142.68	56118.61719	56058.67945	56039.80469	505621.2	5409695.1
L5620.1	505621.2	5409695.9	13395.50000	411.05	0	48.840211	-86.923391	56143.66	56250.9	-0.90	56142.76	56119.25781	56061.76676	56043.80859	505621.2	5409695.9
L5620.1	505621.2	5409697.3	13395.59961	412.83	0	48.840223	-86.923391	56143.52	56250.9	-0.90	56142.61	56119.66797	56058.86396	56041.78516	505621.2	5409697.3
L5620.1	505621.2	5409698.2	13395.70020	413.97	0	48.840232	-86.923391	56143.59	56250.9	-0.90	56142.69	56120.29688	56061.86639	56045.62891	505621.2	5409698.2
L5620.1	505621.2	5409698.2	13395.79981	412.96	0	48.840232	-86.923391	56143.53	56250.9	-0.90	56142.63	56120.78516	56061.20712	56045.77734	505621.2	5409698.2
L5620.1	505621.3	5409699.3	13395.90039	415.43	0	48.840242	-86.923391	56143.39	56250.9	-0.90	56142.49	56121.17969	56058.43849	56043.78125	505621.3	5409699.3
L5620.1	505621.3	5409700.4	13396.00000	415.06	0	48.840251	-86.923391	56143.34	56250.9	-0.90	56142.44	56121.66016	56057.95746	56044.03516	505621.3	5409700.4
L5620.1	505621.3	5409701.5	13396.09961	417.96	0	48.840262	-86.923391	56143.26	56250.9	-0.90	56142.36	56122.10547	56056.66217	56043.44531	505621.3	5409701.5
L5620.1	505621.3	5409701.5	13396.20020	417.07	0	48.840262	-86.923391	56143.11	56250.9	-0.90	56142.21	56122.47266	56053.51959	56040.97266	505621.3	5409701.5
L5620.1	505621.3	5409702.6	13396.20020	417.07	0	48.840272	-86.923391	56142.78	56250.9	-0.90	56141.88	56122.65234	56045.68668	56033.78125	505621.3	5409702.6
L5620.1	505621.3	5409703.8	13396.40039	419.67	0	48.840282	-86.923391	56142.70	56250.9	-0.90	56141.80	56123.07813	56044.28408	56032.99219	505621.3	5409703.8
L5620.1	505621.3	5409703.8	13396.50000	421.38	0	48.840282	-86.923391	56142.60	56250.9	-0.90	56141.70	56123.47266	56042.33159	56031.61719	505621.3	5409703.8
L5620.1	505621.3	5409704.8	13396.59961	423.75	0	48.840291	-86.923390	56142.42	56250.9	-0.91	56141.52	56123.77734	56038.27934	56028.12109	505621.3	5409704.8
L5620.1	505621.3	5409706.1	13396.70020	428.48	0	48.840303	-86.923390	56142.36	56250.9	-0.91	56141.45	56124.18750	56037.04212	56027.40625	505621.3	5409706.1
L5620.1	505621.3	5409706.1	13396.79981	426.66	0	48.840303	-86.923390	56142.42	56250.9	-0.91	56141.51	56124.71875	56039.13882	56030.00391	505621.3	5409706.1
L5620.1	505621.4	5409707.3	13396.90039	427.84	0	48.840313	-86.923390	56142.22	56250.9	-0.91	56141.31	56124.98438	56034.48637	56025.82422	505621.4	5409707.3
L5620.1	505621.4	5409708.4	13397.00000	424.68	0	48.840323	-86.923389	56141.96	56250.9	-0.91	56141.05	56125.17969	56028.25820	56020.04688	505621.4	5409708.4
L5620.1	505621.4	5409708.4	13397.09961	425.05	0	48.840323	-86.923389	56141.77	56250.9	-0.91	56140.86	56125.43750	56023.81760	56016.03125	505621.4	5409708.4
L5620.1	505621.4	5409709.6	13397.20020	425.09	0	48.840334	-86.923389	56141.74	56250.9	-0.91	56140.83	56125.84375	56023.49354	56016.10938	505621.4	5409709.6
L5620.1	505621.4	5409711.3	13397.29981	428.03	0	48.840350	-86.923389	56141.88	56250.9	-0.90	56140.97	56126.41797	56027.54622	56020.54297	505621.4	5409711.3
L5620.1	505621.5	5409712.3	13397.40039	428.72	0	48.840359	-86.923388	56141.79	56250.9	-0.90	56140.88	56126.75000	56025.63384	56018.99219	505621.5	5409712.3
L5620.1	505621.5	5409712.3	13397.50000	428.06	0	48.840359	-86.923388	56141.66	56250.9	-0.90	56140.76	56127.04297	56022.92961	56016.62500	505621.5	5409712.3
L5620.1	505621.5	5409713.5	13397.59961	428.02	0	48.840370	-86.923388	56141.49	56250.9	-0.90	56140.59	56127.28125	56018.91779	56012.93359	505621.5	5409713.5
L5620.1	505621.5	5409714.9	13397.70020	426.17	0	48.840382	-86.923388	56141.26	56250.9	-0.90	56140.36	56127.44922	56013.34111	56007.66016	505621.5	5409714.9
L5620.1	505621.5	5409714.9	13397.79981	424.75	0	48.840382	-86.923388	56141.12	56250.9	-0.89	56140.22	56127.69531	56010.07958	56004.68359	505621.5	5409714.9
L5620.1	505621.5	5409716.2	13397.90039	424.33	0	48.840394	-86.923387	56141.09	56250.9	-0.89	56140.19	56128.04688	56009.65148	56004.52344	505621.5	5409716.2
L5620.1	505621.5	5409716.2	13398.00000	423.98	0	48.840394	-86.923387	56141.00	56250.9	-0.89	56140.11	56128.33984	56007.92044	56003.04688	505621.5	5409716.2
L5620.1	505621.5	5409717.7	13398.09961	420.24	0	48.840407	-86.923387	56140.91	56250.9	-0.89	56140.02	56128.61328	56005.92167	56001.28516	505621.5	5409717.7
L5620.1	505621.6	5409719.1	13398.20020	419.79	0	48.840420	-86.923387	56140.86	56250.9	-0.89	56139.96	56128.91016	56004.69022	56000.27734	505621.6	5409719.1
L5620.1	505621.6	5409720.1	13398.20020	419.79	0	48.840429	-86.923387	56140.81	56250.9	-0.89	56139.92	56129.21875	56003.96807	55999.76563	505621.6	5409720.1
L5620.1	505621.6	5409720.9	13398.40039	415.87	0	48.840436	-86.923386	56140.72	56250.9	-0.90	56139.82	56129.45703	56001.68698	55997.67969	505621.6	5409720.9
L5620.1	505621.6	5409722.4	13398.50000	416.90	0	48.840450	-86.923386	56140.61	56250.9	-0.90	56139.71	56129.67969	55999.14012	55995.32031	505621.6	5409722.4
L5620.1	505621.6	5409722.4	13398.59961	417.89	0	48.840450	-86.923386	56140.25	56250.9	-0.90	56139.35	56129.64063	55990.12157	55986.47266	505621.6	5409722.4
L5620.1	505621.6	5409723.5	13398.70020	419.32	0	48.840459	-86.923386	56140.22	56250.9	-0.90	56139.32	56129.92578	55989.62917	55986.14453	505621.6	5409723.5
L5620.1	505621.6	5409724.7	13398.79981	418.34	0	48.840470	-86.923386	56140.13	56250.9	-0.91	56139.22	56130.13281	55987.31931	55983.98828	505621.6	5409724.7
L5620.1	505621.6	5409724.7	13398.90039	421.11	0	48.840470	-86.923386	56140.02	56250.9	-0.91	56139.11	56130.32422	55984.74308	55981.55469	505621.6	5409724.7
L5620.1	505621.6	5409726.0	13399.00000	420.34	0	48.840482	-86.923386	56139.92	56250.9	-0.91	56139.01	56130.51563	55982.41709	55979.36328	505621.6	5409726.0
L5620.1	505621.7	5409727.5	13399.09961	419.99	0	48.840495	-86.923385	56139.64	56250.9	-0.91	56138.73	56130.51563	55975.42748	55972.50000	505621.7	5409727.5
L5620.1	505621.7	5409728.9	13399.20020	424.25	0	48.840508	-86.923385	56139.67	56250.9	-0.91	56138.76	56130.82422	55976.44397	55973.63281	505621.7	5409728.9
L5620.1	505621.7	5409730.1	13399.20020	424.25	0	48.840519	-86.923385	56139.52	56250.9	-0.91	56138.61	56130.94141	55972.79482	55970.09766	505621.7	5409730.1
L5620.1	505621.7	5409730.1	13399.40039	423.28	0	48.840519	-86.923385	56139.40	56250.9	-0.91	56138.49	56131.08203	55969.90907	55967.31641	505621.7	5409730.1
L5620.1	505621.7	5409731.7	13399.50000	423.28	0	48.840533	-86.923385	56139.23	56250.9	-0.91	56138.32	56131.16406	55965.71660	55963.21875	505621.7	5409731.7
L5620.1	505621.7	5409731.7	13399.59961	424.99	0	48.840533	-86.923385	56139.34	56250.9	-0.91	56138.43	56131.51953	55968.74911	55966.34375	505621.7	5409731.7
L5620.1	505621.7	5409733.1	13399.70020	423.63	0	48.840546	-86.923385	56139.23	56250.9	-0.91	56138.32	56131.64844	55966.07562	55963.75781	505621.7	5409733.1

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5620.1	505621.7	5409734.5	13399.70020	423.63	0	48.840559	-86.923384	56139.17	56250.9	-0.91	56138.26	56131.82031	55964.67600	55962.43750	505621.7	5409734.5
L5620.1	505621.7	5409735.8	13399.90039	423.06	0	48.840570	-86.923384	56139.18	56250.9	-0.91	56138.27	56132.05469	55965.06535	55962.90625	505621.7	5409735.8
L5620.1	505621.7	5409735.8	13400.00000	435.07	0	48.840570	-86.923384	56139.06	56250.9	-0.91	56138.15	56132.15234	55962.06978	55959.98438	505621.7	5409735.8
L5620.1	505621.7	5409737.2	13400.09961	435.07	0	48.840583	-86.923384	56139.07	56250.9	-0.91	56138.16	56132.37500	55962.41013	55960.39063	505621.7	5409737.2
L5620.1	505621.7	5409738.8	13400.20020	434.08	0	48.840597	-86.923384	56138.86	56250.9	-0.90	56137.96	56132.37891	55957.29201	55955.33594	505621.7	5409738.8
L5620.1	505621.7	5409738.8	13400.20020	434.08	0	48.840597	-86.923384	56138.84	56250.9	-0.90	56137.94	56132.55469	55956.79762	55954.90234	505621.7	5409738.8
L5620.1	505621.7	5409740.5	13400.29981	434.08	0	48.840612	-86.923384	56138.63	56250.9	-0.90	56137.73	56132.53516	55951.35656	55949.51953	505621.7	5409740.5
L5620.1	505621.7	5409741.8	13400.50000	432.26	0	48.840624	-86.923384	56138.58	56250.9	-0.89	56137.70	56132.69141	55950.53360	55948.75000	505621.7	5409741.8
L5620.1	505621.7	5409743.1	13400.59961	435.02	0	48.840636	-86.923384	56138.57	56250.9	-0.88	56137.69	56132.85547	55950.18839	55948.45703	505621.7	5409743.1
L5620.1	505621.7	5409743.1	13400.70020	435.27	0	48.840636	-86.923384	56138.61	56250.9	-0.88	56137.74	56133.07813	55951.35219	55949.67188	505621.7	5409743.1
L5620.1	505621.7	5409744.6	13400.79981	435.98	0	48.840650	-86.923384	56138.40	56250.9	-0.87	56137.53	56133.03516	55945.74710	55944.11328	505621.7	5409744.6
L5620.1	505621.7	5409744.6	13400.90039	437.02	0	48.840650	-86.923384	56138.16	56250.9	-0.86	56137.29	56132.95313	55939.31729	55937.72656	505621.7	5409744.6
L5620.1	505621.7	5409746.1	13401.00000	438.66	0	48.840663	-86.923384	56138.31	56250.9	-0.86	56137.45	56133.26563	55943.17852	55941.62891	505621.7	5409746.1
L5620.1	505621.7	5409747.4	13401.09961	438.71	0	48.840675	-86.923384	56138.20	56250.9	-0.86	56137.33	56133.29297	55939.74359	55938.23438	505621.7	5409747.4
L5620.1	505621.7	5409749.0	13401.20020	438.65	0	48.840689	-86.923384	56138.33	56250.9	-0.86	56137.47	56133.57422	55942.97256	55941.50000	505621.7	5409749.0
L5620.1	505621.7	5409750.6	13401.29981	439.80	0	48.840703	-86.923385	56138.17	56250.9	-0.87	56137.30	56133.53906	55938.12251	55936.68750	505621.7	5409750.6
L5620.1	505621.7	5409750.6	13401.40039	438.32	0	48.840703	-86.923385	56138.13	56250.9	-0.87	56137.26	56133.62891	55936.56752	55935.16797	505621.7	5409750.6
L5620.1	505621.7	5409752.1	13401.50000	437.04	0	48.840717	-86.923385	56138.06	56250.9	-0.87	56137.19	56133.68359	55934.16654	55932.80078	505621.7	5409752.1
L5620.1	505621.7	5409752.1	13401.59961	436.85	0	48.840717	-86.923385	56138.07	56250.9	-0.87	56137.19	56133.80469	55933.50167	55932.16797	505621.7	5409752.1
L5620.1	505621.7	5409753.4	13401.70020	437.64	0	48.840728	-86.923385	56137.90	56250.9	-0.87	56137.02	56133.75000	55928.36308	55927.05859	505621.7	5409753.4
L5620.1	505621.7	5409754.9	13401.79981	436.06	0	48.840742	-86.923385	56137.70	56250.9	-0.88	56136.82	56133.66016	55922.36713	55921.09375	505621.7	5409754.9
L5620.1	505621.7	5409754.9	13401.90039	436.97	0	48.840742	-86.923385	56137.70	56250.9	-0.88	56136.82	56133.76172	55921.45739	55920.21094	505621.7	5409754.9
L5620.1	505621.6	5409756.6	13402.00000	437.18	0	48.840757	-86.923385	56137.80	56250.9	-0.88	56136.92	56133.96094	55923.04414	55921.82422	505621.6	5409756.6
L5620.1	505621.6	5409758.0	13402.09961	432.80	0	48.840770	-86.923385	56137.89	56250.9	-0.88	56137.01	56134.14844	55924.27902	55923.08203	505621.6	5409758.0
L5620.1	505621.6	5409759.3	13402.20020	434.76	0	48.840782	-86.923385	56137.98	56250.9	-0.88	56137.10	56134.32813	55925.41668	55924.24609	505621.6	5409759.3
L5620.1	505621.6	5409760.9	13402.20020	434.76	0	48.840796	-86.923385	56137.95	56250.9	-0.88	56137.07	56134.38281	55923.35013	55922.19922	505621.6	5409760.9
L5620.1	505621.6	5409760.9	13402.40039	431.79	0	48.840796	-86.923385	56137.82	56250.9	-0.88	56136.95	56134.34375	55918.85115	55917.72266	505621.6	5409760.9
L5620.1	505621.6	5409762.2	13402.50000	434.74	0	48.840808	-86.923385	56137.82	56250.9	-0.88	56136.94	56134.41406	55917.08743	55915.98047	505621.6	5409762.2
L5620.1	505621.6	5409763.6	13402.59961	434.52	0	48.840820	-86.923385	56137.80	56250.9	-0.87	56136.92	56134.46875	55914.95194	55913.86719	505621.6	5409763.6
L5620.1	505621.6	5409764.9	13402.70020	434.08	0	48.840832	-86.923385	56138.00	56250.9	-0.87	56137.13	56134.74609	55918.64668	55917.57813	505621.6	5409764.9
L5620.1	505621.6	5409764.9	13402.79981	433.58	0	48.840832	-86.923385	56138.06	56250.9	-0.87	56137.18	56134.86328	55918.08281	55917.03125	505621.6	5409764.9
L5620.1	505621.6	5409767.0	13402.90039	436.74	0	48.840851	-86.923385	56137.92	56250.9	-0.87	56137.05	56134.79688	55912.73909	55911.70703	505621.6	5409767.0
L5620.1	505621.6	5409768.5	13403.00000	437.98	0	48.840865	-86.923385	56137.77	56250.9	-0.87	56136.90	56134.70703	55906.74877	55905.73047	505621.6	5409768.5
L5620.1	505621.6	5409768.5	13403.09961	436.32	0	48.840865	-86.923385	56137.88	56250.9	-0.87	56137.01	56134.87109	55907.34813	55906.34375	505621.6	5409768.5
L5620.1	505621.6	5409769.9	13403.20020	436.48	0	48.840877	-86.923385	56138.00	56250.9	-0.87	56137.13	56135.04297	55908.06842	55907.07813	505621.6	5409769.9
L5620.1	505621.6	5409769.9	13403.29981	435.43	0	48.840877	-86.923385	56137.94	56250.9	-0.87	56137.07	56135.03516	55903.99235	55903.01563	505621.6	5409769.9
L5620.1	505621.6	5409771.4	13403.40039	435.22	0	48.840891	-86.923386	56138.03	56250.9	-0.87	56137.16	56135.17188	55903.64903	55902.68359	505621.6	5409771.4
L5620.1	505621.6	5409772.8	13403.50000	436.76	0	48.840903	-86.923386	56137.98	56250.9	-0.87	56137.11	56135.16797	55899.53526	55898.58203	505621.6	5409772.8
L5620.1	505621.6	5409774.3	13403.59961	440.78	0	48.840917	-86.923386	56138.07	56250.9	-0.86	56137.20	56135.29688	55898.88713	55897.94141	505621.6	5409774.3
L5620.1	505621.6	5409774.3	13403.70020	441.42	0	48.840917	-86.923386	56138.13	56250.9	-0.86	56137.27	56135.40625	55897.56294	55896.62891	505621.6	5409774.3
L5620.1	505621.6	5409775.8	13403.79981	440.27	0	48.840930	-86.923386	56138.16	56250.9	-0.86	56137.29	56135.46484	55894.78255	55893.85547	505621.6	5409775.8
L5620.1	505621.6	5409777.5	13403.90039	439.35	0	48.840945	-86.923386	56138.20	56250.9	-0.86	56137.33	56135.53906	55892.35159	55891.43359	505621.6	5409777.5
L5620.1	505621.6	5409778.8	13404.00000	437.38	0	48.840957	-86.923386	56138.36	56250.9	-0.86	56137.50	56135.74609	55893.10995	55892.19922	505621.6	5409778.8
L5620.1	505621.6	5409778.8	13404.09961	439.05	0	48.840957	-86.923386	56138.43	56250.9	-0.86	56137.57	56135.84766	55891.10557	55890.19922	505621.6	5409778.8
L5620.1	505621.6	5409780.4	13404.20020	436.42	0	48.840971	-86.923386	56138.55	56250.9	-0.86	56137.69	56135.99609	55890.21250	55889.31250	505621.6	5409780.4
L5620.1	505621.6	5409781.7	13404.20020	436.42	0	48.840983	-86.923386	56138.76	56250.9	-0.86	56137.90	56136.23438	55891.46027	55890.56250	505621.6	5409781.7
L5620.1	505621.6	5409783.2	13404.40039	437.48	0	48.840996	-86.923385	56139.01	56250.9	-0.86	56138.14	56136.50000	55893.29243	55892.40234	505621.6	5409783.2
L5620.1	505621.6	5409783.2	13404.50000	437.86	0	48.840996	-86.923385	56139.08	56250.9	-0.86	56138.22	56136.60938	55890.79084	55889.90234	505621.6	5409783.2
L5620.1	505621.6	5409784.4	13404.59961	437.11	0	48.841008	-86.923385	56139.14	56250.9	-0.87	56138.28	56136.69141	55887.57048	55886.68359	505621.6	5409784.4
L5620.1	505621.6	5409786.7	13404.70020	437.54	0	48.841028	-86.923385	56139.11	56250.9	-0.87	56138.24	56136.67578	55881.55735	55880.67188	505621.6	5409786.7
L5620.1	505621.6	5409786.7	13404.79981	439.80	0	48.841028	-86.923385	56139.18	56250.9	-0.87	56138.32	56136.77734	55878.43482	55877.55469	505621.6	5409786.7
L5620.1	505621.6	5409788.3	13404.90039	440.29	0	48.841042	-86.923385	56139.35	56250.9	-0.87	56138.48	56136.96094	55877.16288	55876.28125	505621.6	5409788.3
L5620.1	505621.6	5409789.7	13405.00000	439.79	0	48.841055	-86.923385	56139.54	56250.9	-0.87	56138.67	56137.17188	55876.44279	55875.56250	505621.6	5409789.7
L5620.1	505621.6	5409789.7	13405.09961	437.74	0	48.841055	-86.923385	56139.72	56250.9	-0.87	56138.85	56137.37500	55875.23415	55874.35547	505621.6	5409789.7
L5620.1	505621.6	5409791.2	13405.20020	441.47	0	48.841069	-86.923385	56140.00	56250.9	-0.87	56139.12	56137.66406	55876.11658	55875.23828	505621.6	5409791.2
L5620.1	505621.6	5409792.6	13405.29981	440.55	0	48.841081	-86.923385	56140.15	56250.9	-0.88	56139.27	56137.83203	55873.65335	55872.77344	505621.6	5409792.6
L5620.1	505621.6	5409792.6	13405.40039	438.77	0	48.841081	-86.923385	56140.15	56250.9	-0.88	56139.27	56137.85156	55867.06201	55866.17969	505621.6	5409792.6
L5620.1	505621.6	5409794.4	13405.50000	435.05	0	48.841098	-86.923385	56140.30	56250.9	-0.88	56139.42	56138.02344	55864.09316	55863.21094	505621.6	5409794.4
L5620.1	505621.6	5409794.4	13405.59961	432.96	0	48.841098	-86.923385	56140.46	56250.9	-0.88	56139.58	56138.19922	55861.11945	55860.23438	505621.6	5409794.4
L5620.1	505621.6	5409795.9	13405.70020	435.32	0	48.841111	-86.923385	56140.84	56250.9	-0.88	56139.95	56138.58984	55863.30511	55862.41797	505621.6	5409795.9
L5620.1	505621.7	5409797.5	13405.79981	432.98	0	48.841125	-86.923384	56141.27	56250.9	-0.89	56140.38	56139.03906	55866.76365	55865.87500	505621.7	5409797.5
L5620.1	505621.7	5409797.5	13405.90039	436.24	0	48.841125	-86.923384	56141.54	56250.9	-0.89	56140.65	56139.32422	55865.79818	55864.90625	505621.7	5409797.5
L5620.1	505621.7	5409799.0	13406.00000	436.50	0	48.841138	-86.923384	56141.70	56250.9	-0.89	56140.81	56139.50391	55861.69332	55860.79688	505621.7	5409799.0
L5620.1	505621.7	5409801.1	13406.09961	434.68	0	48.841157	-86.923384	56141.76	56250.9	-0.89	56140.87	56139.58203	55854.69902	55853.80078	505621.7	5409801.1
L5620.1	505621.7	5409801.1	13406.20020	437.25	0	48.841157	-86.923384	56141.96	56250.9	-0.89	56141.08	56139.80859	55851.27095	55850.36719	505621.7	5409801.1
L5620.1	505621.7	5409802.4	13406.20020	437.25	0	48.841170	-86.923384	56142.18	56250.9	-0.89	56141.29	56140.03906	55847.52107	55846.61328	505621.7	5409802.4
L5620.1	505621.7	5409804.0	13406.40039	434.77	0	48.841184	-86.923384	56142.68	56250.9	-0.88	56141.80	56140.56641	55851.19729	55850.28516	505621.7	5409804.0
L5620.1	505621.7	5409804.9	13406.50000	434.74	0	48.841192	-86.923384	56142.83	56250.9	-0.88	56141.95	56140.73438	55845.22309	55844.30469	505621.7	5409804.9
L5620.1	505621.7	5409806.3	13406.59961	435.34	0	48.841204	-86.923383	56143.26	56250.9	-0.88	56142.38	56141.18359	55846.13754	55845.21094	505621.7	5409806.3
L5620.1	505621.7	5409806.3	13406.70020	435.83	0	48.841204	-86.923383	56143.61	56250.9	-0.88	56142.73	56141.55078	55844.62094	55843.68750	505621.7	5409806.3
L5620.1	505621.8	5409808.2	13406.79981	436.15	0	48.841221	-86.923383	56144.00	56250.9	-0.87	56143.12	56141.95703	55843.76525	55842.82422	505621.8	5409808.2
L5620.1	505621.8	5409808.2	13406.90039	434.59	0	48.841221	-86.923383	56144.36	56250.9	-0.87	56143.48	56142.33594	55841.74896	55840.79688	505621.8	5409808.2
L5620.1	505621.8	5409809.6	13407.00000	436.96	0	48.841234	-86.923383	56144.80	56250.9	-0.87	56143.93	56142.80469	55841.66330	55840.70313	505621.8	5409809.6
L5620.1	505621.8	5409811.1	13407.09961	440.00	0	48.841247	-86.923383	56145.18	56250.9	-0.87	56144.31	56143.20313	55839.35874	55838.39063	505621.8	5409811.1
L5620.1	505621.8	5409812.9	13407.20020	442.18	0	48.841263	-86.923382	56145.62	56250.9	-0.87	56144.74	56143.65234	55837.92574	55836.94531	505621.8	5409812.9
L5620.1	505621.8	5409812.9	13407.29981	443.39	0	48.841263	-86.923382	56146.14	56250.9	-0.87	56145.27	56144.19922	55838.64427	55837.65234	505621.8	5409812.9
L5620.1	505621.8	5409814.6	13407.40039	442.95	0	48.841279	-86.923382	56146.53	56250.9	-0.87	56145.65	56144.59766	55835.03639	55834.03125	505621.8	5409814.6
L5620.1	505621.8	5409815.9	13407.50000	441.81	0	48.841291	-86.923382	56147.07	56250.9	-0.88	56146.20	56145.16406	55835.36310	55834.34375	505621.8	5409815.9
L5620.1	505621.8	5409815.9	13407.59961	442.03	0	48.841291	-86.923382	56147.57	56250.9	-0.88	56146.69	56145.67188	55833.66287	55832.62891	505621.8	5409815.9
L5620.1	505621.8	5409817.4	13407.70020	438.81	0	48.841304	-86.923382	56147.98	56250.9	-0.88	56147.11	56146.10938	55829.66261	55828.61328	505621.8	5409817.4
L5620.1	505621.8	5409819.1	13407.79981	439.33	0	48.841319	-86.923382	56148.42	56250.9	-0.88	56147.54	56146.55859	55825.41617	55824.35156	505621.8	5409819.1
L5620.1	505621.8	5409820.1	13407.90039	441.18	0	48.841328	-86.923382	56148.93	56250.9	-0.88	56148.05	56147.08594	55822.71840	55821.63672	505621.8	5409820.1
L5620.1	505621.8	5409820.1	13408.00000	440.65	0	48.841328	-86.923382	56149.54	56250.9	-0.88	56148.66	56147.71484	55822.07088	55820.96875	505621.8	5409820.1
L5620.1	505621.9	5409822.1	13408.09961	439.93	0	48.841346	-86.923381	56150.21	56250.9	-0.88	56149.33	56148.40234	55822.42332	55821.30078	505621.9	5409822.1
L5620.1	505621.9	5409822.1	13408.20020	437.28	0	48.841346	-86.923381	56150.87	56250.9	-0.88	56149.99	56149.08203	55821.94932	55820.80859	505621.9	5409822.1
L5620.1	505621.9	5409823.6	13408.20020	437.28	0	48.841360	-86.923381	56151.54	56250.9	-0.88	56150.66	56149.76953	55821.14942	55819.98438	505621.9	5409823.6
L5620.1	505621.9	5409825.3	13408.40039	436.15	0	48.841375	-86.923381	56152.17	56250.9	-0.88	56151.29	56150.41797	55818.71370	55817.52734	505621.9	5409825.3
L5620.1	505621.9	5409826.8	13408.50000	438.26	0	48.841389	-86.923381	56152.76	56250.9	-0.88	56151.89	56151.03516	55814.88346	55813.67188	505621.9	5409826.8
L5620.1	505621.9	5409826.8	13408.59961	438.78	0	48.841389	-86.923381	56153.46	56250.9	-0.87	56152.58	56151.74609	55812.74410	55811.50781	505621.9	5409826.8
L5620.1	505621.9	5409828.6	13408.70020	436.10	0	48.841405	-86.923381	56154.01	56250.9	-0.87	56153.14	56152.32422	55806.58889	55805.32422	505621.9	5409828.6
L5620.1	505621.9	5409829.9	13408.79981	436.96	0	48.841417	-86.923381	56154.59	56250.9	-0.87	56153.72	56152.92188	55800.27840	55798.98828	505621.9	5409829.9
L5620.1	505621.9	5409829.9	13408.90039	438.19	0	48.841417	-86.923381	56155.42	56250.9	-0.87	56154.55	56153.77344	55799.74165	55798.42188	505621.9	5409829.9
L5620.1	505621.9	5409831.8	13409.00000	436.21	0	48.841434	-86.923380	56156.24	56250.9	-0.87	56155.37	56154.60938	55798.23677	55796.88672	505621.9	5409831.8

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5620.1	505621.9	5409833.6	13409.09961	439.18	0	48.841450	-86.923380	56157.12	56250.9	-0.87	56156.25	56155.51172	55797.55494	55796.17188	505621.9	5409833.6
L5620.1	505621.9	5409833.6	13409.20020	437.94	0	48.841450	-86.923380	56157.86	56250.9	-0.87	56156.99	56156.26953	55792.50537	55791.08984	505621.9	5409833.6
L5620.1	505621.9	5409835.0	13409.29981	437.68	0	48.841462	-86.923380	56158.73	56250.9	-0.87	56157.87	56157.16797	55790.30912	55788.85938	505621.9	5409835.0
L5620.1	505622.0	5409836.7	13409.40039	439.74	0	48.841478	-86.923380	56159.52	56250.9	-0.87	56158.66	56157.98047	55784.99929	55783.51172	505622.0	5409836.7
L5620.1	505622.0	5409836.7	13409.50000	437.38	0	48.841478	-86.923380	56160.59	56250.9	-0.87	56159.72	56159.05859	55785.86533	55784.34375	505622.0	5409836.7
L5620.1	505622.0	5409837.7	13409.59961	438.01	0	48.841487	-86.923380	56161.57	56250.9	-0.86	56160.70	56160.06250	55783.83706	55782.27344	505622.0	5409837.7
L5620.1	505622.0	5409839.3	13409.70020	435.04	0	48.841501	-86.923380	56162.65	56250.9	-0.86	56161.78	56161.16016	55783.54919	55781.94531	505622.0	5409839.3
L5620.1	505622.0	5409839.3	13409.79981	430.03	0	48.841501	-86.923380	56163.62	56250.9	-0.86	56162.75	56162.15234	55779.55156	55777.91016	505622.0	5409839.3
L5620.1	505622.0	5409841.3	13409.90039	431.07	0	48.841519	-86.923380	56164.56	56250.9	-0.86	56163.70	56163.12500	55774.15149	55772.46484	505622.0	5409841.3
L5620.1	505622.0	5409842.7	13410.00000	431.92	0	48.841531	-86.923380	56165.54	56250.9	-0.86	56164.68	56164.12500	55768.62199	55766.89453	505622.0	5409842.7
L5620.1	505622.0	5409843.9	13410.09961	432.02	0	48.841542	-86.923379	56166.75	56250.9	-0.86	56165.89	56165.35938	55768.11479	55766.33984	505622.0	5409843.9
L5620.1	505622.0	5409845.2	13410.20020	432.65	0	48.841555	-86.923379	56167.98	56250.9	-0.87	56167.11	56166.60156	55766.92115	55765.09766	505622.0	5409845.2
L5620.1	505622.0	5409845.2	13410.20020	432.65	0	48.841555	-86.923379	56169.12	56250.9	-0.87	56168.25	56167.76172	55762.69397	55760.82422	505622.0	5409845.2
L5620.1	505622.0	5409847.1	13410.40039	434.50	0	48.841572	-86.923379	56170.24	56250.9	-0.87	56169.37	56168.90625	55756.96503	55755.04297	505622.0	5409847.1
L5620.1	505622.0	5409847.1	13410.50000	433.76	0	48.841572	-86.923379	56171.46	56250.9	-0.88	56170.59	56170.14844	55752.81773	55750.84375	505622.0	5409847.1
L5620.1	505622.0	5409849.0	13410.59961	433.90	0	48.841588	-86.923379	56172.84	56250.9	-0.88	56171.96	56171.54297	55751.52553	55749.50000	505622.0	5409849.0
L5620.1	505622.0	5409850.8	13410.70020	436.68	0	48.841604	-86.923379	56174.20	56250.9	-0.88	56173.31	56172.91797	55748.67323	55746.59375	505622.0	5409850.8
L5620.1	505622.0	5409852.0	13410.79981	433.98	0	48.841616	-86.923379	56175.68	56250.9	-0.88	56174.80	56174.42969	55748.37911	55746.24219	505622.0	5409852.0
L5620.1	505622.0	5409853.6	13410.90039	435.76	0	48.841630	-86.923379	56177.08	56250.9	-0.89	56176.19	56175.84766	55744.41833	55742.22266	505622.0	5409853.6
L5620.1	505622.0	5409853.6	13411.00000	436.43	0	48.841630	-86.923379	56178.30	56250.9	-0.89	56177.41	56177.09375	55734.96227	55732.71094	505622.0	5409853.6
L5620.1	505622.0	5409853.6	13411.09961	435.01	0	48.841630	-86.923379	56179.89	56250.9	-0.89	56179.00	56178.70703	55733.95623	55731.64063	505622.0	5409853.6
L5620.1	505622.0	5409855.2	13411.20020	437.74	0	48.841644	-86.923379	56181.47	56250.9	-0.89	56180.58	56180.31250	55731.55612	55729.17969	505622.0	5409855.2
L5620.1	505622.0	5409856.6	13411.29981	439.46	0	48.841657	-86.923379	56182.97	56250.9	-0.89	56182.09	56181.85156	55726.19289	55723.75391	505622.0	5409856.6
L5620.1	505622.0	5409858.0	13411.40039	440.19	0	48.841669	-86.923379	56184.63	56250.9	-0.89	56183.74	56183.52734	55723.27968	55720.77344	505622.0	5409858.0
L5620.1	505622.0	5409859.6	13411.50000	438.65	0	48.841684	-86.923379	56186.44	56250.9	-0.88	56185.55	56185.36719	55723.31695	55720.74609	505622.0	5409859.6
L5620.1	505622.0	5409859.6	13411.59961	438.18	0	48.841684	-86.923379	56188.16	56250.9	-0.88	56187.28	56187.12500	55720.08241	55717.44141	505622.0	5409859.6
L5620.1	505622.0	5409861.5	13411.70020	438.91	0	48.841701	-86.923379	56189.82	56250.9	-0.88	56188.94	56188.81250	55713.81888	55711.10938	505622.0	5409861.5
L5620.1	505622.0	5409862.9	13411.79981	438.92	0	48.841713	-86.923378	56191.45	56250.9	-0.88	56190.56	56190.46094	55705.28687	55702.50391	505622.0	5409862.9
L5620.1	505622.0	5409862.9	13411.90039	438.55	0	48.841713	-86.923378	56193.48	56250.9	-0.88	56192.60	56192.53125	55706.36655	55703.51172	505622.0	5409862.9
L5620.1	505622.0	5409864.6	13412.00000	435.99	0	48.841728	-86.923378	56195.66	56250.9	-0.88	56194.78	56194.74219	55709.80342	55706.87500	505622.0	5409864.6
L5620.1	505622.0	5409866.0	13412.09961	434.56	0	48.841742	-86.923378	56197.72	56250.9	-0.88	56196.84	56196.83203	55708.86076	55705.85547	505622.0	5409866.0
L5620.1	505622.1	5409867.7	13412.20020	434.87	0	48.841757	-86.923378	56199.66	56250.9	-0.88	56198.78	56198.80469	55703.52566	55700.44141	505622.1	5409867.7
L5620.1	505622.1	5409867.7	13412.20020	434.87	0	48.841757	-86.923378	56201.82	56250.9	-0.88	56200.94	56200.99219	55702.57774	55699.41406	505622.1	5409867.7
L5620.1	505622.1	5409869.4	13412.40039	433.53	0	48.841772	-86.923378	56203.97	56250.9	-0.88	56203.09	56203.17578	55700.05799	55696.81641	505622.1	5409869.4
L5620.1	505622.1	5409870.8	13412.50000	434.38	0	48.841784	-86.923378	56206.30	56250.9	-0.88	56205.42	56205.53906	55700.86866	55697.54297	505622.1	5409870.8
L5620.1	505622.1	5409872.7	13412.59961	436.72	0	48.841801	-86.923377	56208.72	56250.9	-0.88	56207.84	56207.99219	55702.67233	55699.26563	505622.1	5409872.7
L5620.1	505622.1	5409872.7	13412.70020	436.95	0	48.841801	-86.923377	56211.10	56250.9	-0.88	56210.22	56210.40625	55702.09805	55698.60547	505622.1	5409872.7
L5620.1	505622.1	5409872.7	13412.79981	437.88	0	48.841801	-86.923377	56213.38	56250.9	-0.88	56212.50	56212.71875	55697.58568	55694.00781	505622.1	5409872.7
L5620.1	505622.1	5409874.5	13412.90039	435.31	0	48.841818	-86.923377	56215.86	56250.9	-0.88	56214.98	56215.23438	55696.88496	55693.21875	505622.1	5409874.5
L5620.1	505622.1	5409875.7	13413.00000	435.14	0	48.841828	-86.923377	56218.50	56250.9	-0.88	56217.62	56217.91016	55698.95455	55695.19922	505622.1	5409875.7
L5620.1	505622.1	5409877.1	13413.09961	435.60	0	48.841842	-86.923377	56221.22	56250.9	-0.88	56220.34	56220.66406	55701.71963	55697.87500	505622.1	5409877.1
L5620.1	505622.1	5409877.1	13413.20020	437.41	0	48.841842	-86.923377	56224.06	56250.9	-0.88	56223.18	56223.54297	55706.20924	55702.26953	505622.1	5409877.1
L5620.1	505622.1	5409879.6	13413.29981	437.79	0	48.841863	-86.923377	56226.90	56250.9	-0.88	56226.02	56226.41797	55709.31592	55705.28516	505622.1	5409879.6
L5620.1	505622.2	5409880.7	13413.40039	438.49	0	48.841874	-86.923376	56229.54	56250.9	-0.88	56228.66	56229.09375	55705.86445	55701.73828	505622.2	5409880.7
L5620.1	505622.2	5409880.7	13413.50000	436.37	0	48.841874	-86.923376	56232.52	56250.9	-0.88	56231.64	56232.11328	55709.81577	55705.59375	505622.2	5409880.7
L5620.1	505622.2	5409882.4	13413.59961	437.70	0	48.841889	-86.923376	56235.36	56250.9	-0.88	56234.48	56234.99219	55708.75609	55704.43750	505622.2	5409882.4
L5620.1	505622.2	5409883.9	13413.70020	434.98	0	48.841902	-86.923376	56238.48	56250.9	-0.88	56237.60	56238.14844	55713.54517	55709.12500	505622.2	5409883.9
L5620.1	505622.2	5409883.9	13413.79981	437.45	0	48.841902	-86.923376	56241.52	56250.9	-0.88	56240.64	56241.22656	55714.87414	55710.35547	505622.2	5409883.9
L5620.1	505622.2	5409886.0	13413.90039	436.46	0	48.841921	-86.923376	56244.83	56250.9	-0.88	56243.95	56244.57813	55721.79455	55717.17578	505622.2	5409886.0
L5620.1	505622.2	5409887.5	13414.00000	437.82	0	48.841935	-86.923376	56248.06	56250.9	-0.88	56247.18	56247.84766	55725.25800	55720.53906	505622.2	5409887.5
L5620.1	505622.2	5409888.9	13414.09961	438.61	0	48.841948	-86.923376	56251.39	56250.9	-0.88	56250.51	56251.21875	55729.92207	55725.09766	505622.2	5409888.9
L5620.1	505622.2	5409888.9	13414.20020	439.37	0	48.841948	-86.923376	56254.74	56250.9	-0.88	56253.86	56254.60938	55733.72208	55728.79297	505622.2	5409888.9
L5620.1	505622.2	5409890.6	13414.20020	439.37	0	48.841963	-86.923375	56258.24	56250.9	-0.88	56257.36	56258.14844	55740.02462	55734.99219	505622.2	5409890.6
L5620.1	505622.2	5409890.6	13414.40039	422.79	0	48.841963	-86.923375	56261.83	56250.9	-0.88	56260.95	56261.78125	55747.28416	55742.14453	505622.2	5409890.6
L5620.1	505622.2	5409892.7	13414.50000	439.44	0	48.841981	-86.923375	56265.28	56250.9	-0.88	56264.40	56265.27344	55749.56021	55744.31250	505622.2	5409892.7
L5620.1	505622.2	5409893.7	13414.59961	439.59	0	48.841991	-86.923375	56269.06	56250.9	-0.88	56268.18	56269.09375	55759.01421	55753.65625	505622.2	5409893.7
L5620.1	505622.3	5409895.3	13414.70020	435.74	0	48.842005	-86.923375	56272.73	56250.9	-0.88	56271.85	56272.80859	55764.27737	55758.81250	505622.3	5409895.3
L5620.1	505622.3	5409896.5	13414.79981	434.61	0	48.842015	-86.923375	56276.63	56250.9	-0.88	56275.75	56276.75000	55774.15148	55768.57422	505622.3	5409896.5
L5620.1	505622.3	5409896.5	13414.90039	435.28	0	48.842015	-86.923375	56280.28	56250.9	-0.88	56279.40	56280.44531	55776.23541	55770.54688	505622.3	5409896.5
L5620.1	505622.3	5409898.1	13415.00000	433.16	0	48.842030	-86.923375	56284.24	56250.9	-0.88	56283.36	56284.44922	55785.02179	55779.22266	505622.3	5409898.1
L5620.1	505622.3	5409899.8	13415.09961	432.51	0	48.842045	-86.923374	56288.30	56250.9	-0.88	56287.42	56288.55469	55795.09320	55789.17969	505622.3	5409899.8
L5620.1	505622.3	5409899.8	13415.20020	430.63	0	48.842045	-86.923374	56292.36	56250.9	-0.88	56291.48	56292.65625	55803.87765	55797.84766	505622.3	5409899.8
L5620.1	505622.3	5409901.5	13415.29981	427.96	0	48.842061	-86.923374	56296.64	56250.9	-0.87	56295.77	56296.99219	55817.33739	55811.19141	505622.3	5409901.5
L5620.1	505622.3	5409903.3	13415.40039	430.62	0	48.842077	-86.923374	56300.60	56250.9	-0.87	56299.73	56300.99609	55821.00744	55814.74609	505622.3	5409903.3
L5620.1	505622.3	5409903.3	13415.50000	432.12	0	48.842077	-86.923374	56304.84	56250.9	-0.87	56303.97	56305.28125	55830.67818	55824.30078	505622.3	5409903.3
L5620.1	505622.3	5409905.0	13415.59961	433.30	0	48.842093	-86.923374	56309.20	56250.9	-0.87	56308.33	56309.68750	55842.22990	55835.73438	505622.3	5409905.0
L5620.1	505622.3	5409906.6	13415.70020	433.98	0	48.842107	-86.923374	56313.87	56250.9	-0.87	56313.00	56314.40625	55860.59429	55853.98047	505622.3	5409906.6
L5620.1	505622.3	5409908.0	13415.79981	432.71	0	48.842119	-86.923374	56318.23	56250.9	-0.86	56317.37	56318.82031	55870.01716	55863.28516	505622.3	5409908.0
L5620.1	505622.3	5409908.0	13415.90039	432.51	0	48.842119	-86.923374	56322.75	56250.9	-0.86	56321.89	56323.38672	55882.15522	55875.30078	505622.3	5409908.0
L5620.1	505622.3	5409909.5	13416.00000	432.93	0	48.842132	-86.923373	56327.14	56250.9	-0.86	56326.28	56327.82422	55889.78937	55882.81641	505622.3	5409909.5
L5620.1	505622.4	5409911.1	13416.09961	431.41	0	48.842147	-86.923373	56331.86	56250.9	-0.86	56331.00	56332.58984	55904.83665	55897.74219	505622.4	5409911.1
L5620.1	505622.4	5409911.1	13416.20020	431.71	0	48.842147	-86.923373	56336.46	56250.9	-0.86	56335.59	56337.22656	55915.42515	55908.20703	505622.4	5409911.1
L5620.1	505622.4	5409912.6	13416.20020	431.71	0	48.842160	-86.923373	56341.10	56250.9	-0.86	56340.23	56341.91406	55926.23325	55918.89063	505622.4	5409912.6
L5620.1	505622.4	5409914.0	13416.40039	429.64	0	48.842173	-86.923373	56345.93	56250.9	-0.87	56345.06	56346.79297	55940.90579	55933.44141	505622.4	5409914.0
L5620.1	505622.4	5409915.4	13416.50000	432.37	0	48.842186	-86.923373	56350.64	56250.9	-0.87	56349.77	56351.55078	55951.45209	55943.86328	505622.4	5409915.4
L5620.1	505622.4	5409915.4	13416.59961	432.48	0	48.842186	-86.923373	56355.70	56250.9	-0.87	56354.83	56356.65625	55970.05188	55962.33594	505622.4	5409915.4
L5620.1	505622.4	5409916.6	13416.70020	431.86	0	48.842197	-86.923373	56360.39	56250.9	-0.87	56359.52	56361.39453	55978.11406	55970.27344	505622.4	5409916.6
L5620.1	505622.4	5409918.6	13416.79981	434.17	0	48.842214	-86.923372	56365.47	56250.9	-0.88	56364.60	56366.52344	55995.31882	55987.34766	505622.4	5409918.6
L5620.1	505622.4	5409918.6	13416.90039	422.78	0	48.842214	-86.923372	56370.37	56250.9	-0.88	56369.49	56371.46094	56006.69670	55998.59766	505622.4	5409918.6
L5620.1	505622.4	5409920.0	13417.00000	423.06	0	48.842227	-86.923372	56375.56	56250.9	-0.88	56374.68	56376.69922	56024.94752	56016.71875	505622.4	5409920.0
L5620.1	505622.4	5409921.5	13417.09961	433.16	0	48.842241	-86.923372	56380.96	56250.9	-0.88	56380.08	56382.14844	56047.77385	56039.41406	505622.4	5409921.5
L5620.1	505622.5	5409923.0	13417.20020	434.41	0	48.842254	-86.923372	56386.07	56250.9	-0.88	56385.18	56387.29688	56062.01837	56053.52734	505622.5	5409923.0
L5620.1	505622.5	5409923.0	13417.29981	434.52	0	48.842254	-86.923372	56391.48	56250.9	-0.88	56390.59	56392.75391	56083.48585	56074.86328	505622.5	5409923.0
L5620.1	505622.5	5409924.7	13417.40039	433.78	0	48.842269	-86.923372	56396.40	56250.9	-0.88	56395.52	56397.73047	56091.77985	56083.02344	505622.5	5409924.7
L5620.1	505622.5	5409926.5	13417.50000	433.35	0	48.842286	-86.923372	56401.76	56250.9	-0.88	56400.87	56403.12891	56110.20528	56101.31250	505622.5	5409926.5
L5620.1	505622.5	5409928.2	13417.59961	434.26	0	48.842301	-86.923372	56406.82	56250.9	-0.89	56405.93	56408.23828	56120.43549	56111.40625	505622.5	5409928.2
L5620.1	505622.5	5409928.2	13417.70020	433.19	0	48.842301	-86.923372	56412.20	56250.9	-0.89	56411.31	56413.66406	56138.27754	56129.10938	505622.5	5409928.2
L5620.1	505622.5	5409930.4	13417.79981	433.19	0	48.842321	-86.923371	56417.48	56250.9	-0.89	56416.59	56418.99219	56152.90477	56143.59766	505622.5	5409930.4
L5620.1	505622.5	5409931.4	13417.90039	433.47	0	48.842330	-86.923371	56423.07	56250.9	-0.89	56422.18	56424.62891	56174.95352	56165.50391	505622.5	5409931.4
L5620.1	505622.5	5409932.9	13418.00000	434.56	0	48.842343	-86.923371	56428.69	56250.9	-0.89	56427.80	56430.29688	56197.21826	56187.62891	505622.5	5409932.9
L5620.1	505622.5	5409932.9	13418.09961	433.45	0	48.842343	-86.923371	56433.89	56250.9	-0.89	56433.01	56435.55469	56208.35652	56198.62109	505622.5	5409932.9
L5620.1	505622.5	5409935.0	13418.20020	431.19	0	48.842362	-86.923371	56439.40	56250.9	-0.89	56438.52	56441.11328	56226.76346	56216.88281	505622.5	5409935.0
L5620.1	505622.5	5409935.0	13418.20020	431.19	0	48.842362	-86.923371	56444.61	56250.9	-0.89	56443.73	56446.37109	56236.96003	56226.92969	505622.5	5409935.0

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5620.1	505622.5	5409936.7	13418.40039	431.09	0	48.842377	-86.923371	56450.33	56250.9	-0.88	56449.45	56452.13672	56259.92796	56249.74609	505622.5	5409936.7
L5620.1	505622.5	5409938.2	13418.50000	430.40	0	48.842391	-86.923371	56455.64	56250.9	-0.88	56454.76	56457.49609	56271.91416	56261.57813	505622.5	5409938.2
L5620.1	505622.5	5409940.0	13418.59961	431.30	0	48.842407	-86.923371	56461.28	56250.9	-0.88	56460.40	56463.18359	56292.09087	56281.60156	505622.5	5409940.0
L5620.1	505622.5	5409940.0	13418.70020	434.13	0	48.842407	-86.923371	56466.51	56250.9	-0.88	56465.63	56468.45703	56301.36009	56290.71484	505622.5	5409940.0
L5620.1	505622.5	5409941.6	13418.79981	422.60	0	48.842422	-86.923371	56472.15	56250.9	-0.87	56471.27	56474.14453	56320.96322	56310.15625	505622.5	5409941.6
L5620.1	505622.5	5409941.6	13418.90039	422.58	0	48.842422	-86.923371	56477.56	56250.9	-0.87	56476.69	56479.60938	56334.64714	56323.67578	505622.5	5409941.6
L5620.1	505622.5	5409943.8	13419.00000	421.46	0	48.842441	-86.923371	56483.12	56250.9	-0.87	56482.25	56485.21484	56351.75877	56340.62500	505622.5	5409943.8
L5620.1	505622.5	5409945.2	13419.09961	420.45	0	48.842454	-86.923371	56488.79	56250.9	-0.87	56487.91	56490.92188	56371.30179	56360.00000	505622.5	5409945.2
L5620.1	505622.5	5409946.5	13419.20020	425.49	0	48.842466	-86.923370	56494.27	56250.9	-0.87	56493.40	56496.45703	56386.33258	56374.85938	505622.5	5409946.5
L5620.1	505622.5	5409946.5	13419.29981	426.33	0	48.842466	-86.923370	56500.02	56250.9	-0.88	56499.14	56502.24219	56407.74994	56396.10547	505622.5	5409946.5
L5620.1	505622.5	5409948.2	13419.40039	424.28	0	48.842481	-86.923370	56505.27	56250.9	-0.88	56504.39	56507.53516	56416.45693	56404.63281	505622.5	5409948.2
L5620.1	505622.5	5409948.2	13419.50000	425.43	0	48.842481	-86.923370	56511.02	56250.9	-0.88	56510.14	56513.33203	56438.09178	56426.08984	505622.5	5409948.2
L5620.1	505622.5	5409950.0	13419.59961	425.95	0	48.842497	-86.923370	56516.48	56250.9	-0.88	56515.60	56518.83594	56452.26471	56440.08594	505622.5	5409950.0
L5620.1	505622.5	5409951.4	13419.70020	425.45	0	48.842510	-86.923370	56522.09	56250.9	-0.88	56521.21	56524.48828	56470.39178	56458.02734	505622.5	5409951.4
L5620.1	505622.5	5409952.8	13419.79981	425.85	0	48.842523	-86.923370	56527.45	56250.9	-0.89	56526.56	56529.88281	56481.90936	56469.35938	505622.5	5409952.8
L5620.1	505622.5	5409952.8	13419.90039	423.48	0	48.842523	-86.923370	56533.04	56250.9	-0.89	56532.15	56535.51563	56499.78493	56487.04297	505622.5	5409952.8
L5620.1	505622.5	5409954.6	13420.00000	424.23	0	48.842538	-86.923370	56538.66	56250.9	-0.89	56537.77	56541.17969	56518.62638	56505.69141	505622.5	5409954.6
L5620.1	505622.5	5409954.6	13420.09961	425.06	0	48.842538	-86.923370	56544.02	56250.9	-0.89	56543.13	56546.58203	56530.97278	56517.84766	505622.5	5409954.6
L5620.1	505622.5	5409957.2	13420.20020	424.30	0	48.842562	-86.923370	56549.42	56250.9	-0.89	56548.53	56552.02344	56544.61957	56531.29688	505622.5	5409957.2
L5620.1	505622.5	5409958.6	13420.20020	424.30	0	48.842575	-86.923370	56554.81	56250.9	-0.89	56553.92	56557.45313	56558.31153	56544.78906	505622.5	5409958.6
L5620.1	505622.5	5409958.6	13420.40039	424.17	0	48.842575	-86.923370	56560.35	56250.9	-0.89	56559.46	56563.03516	56576.22351	56562.50000	505622.5	5409958.6
L5620.1	505622.5	5409960.9	13420.50000	423.86	0	48.842595	-86.923370	56565.58	56250.9	-0.89	56564.69	56568.30469	56586.49789	56572.57031	505622.5	5409960.9
L5620.1	505622.5	5409961.9	13420.59961	421.50	0	48.842604	-86.923370	56571.25	56250.9	-0.89	56570.36	56574.01563	56608.56553	56594.43359	505622.5	5409961.9
L5620.1	505622.5	5409961.9	13420.70020	419.36	0	48.842604	-86.923370	56576.52	56250.9	-0.89	56575.63	56579.32813	56620.74204	56606.40234	505622.5	5409961.9
L5620.1	505622.5	5409963.4	13420.79981	419.44	0	48.842617	-86.923370	56581.78	56250.9	-0.89	56580.89	56584.62500	56633.14863	56618.60156	505622.5	5409963.4
L5620.1	505622.5	5409965.0	13420.90039	418.13	0	48.842632	-86.923370	56587.04	56250.9	-0.89	56586.15	56589.92578	56646.07996	56631.32031	505622.5	5409965.0
L5620.1	505622.5	5409965.0	13421.00000	421.66	0	48.842632	-86.923370	56592.30	56250.9	-0.89	56591.41	56595.22266	56659.57172	56644.60156	505622.5	5409965.0
L5620.1	505622.5	5409966.4	13421.09961	421.10	0	48.842644	-86.923370	56597.61	56250.9	-0.89	56596.72	56600.57031	56674.95216	56659.77344	505622.5	5409966.4
L5620.1	505622.5	5409967.8	13421.20020	421.18	0	48.842657	-86.923370	56602.68	56250.9	-0.89	56601.80	56605.69141	56685.01579	56669.62500	505622.5	5409967.8
L5620.1	505622.5	5409969.3	13421.29981	420.94	0	48.842670	-86.923370	56608.04	56250.9	-0.89	56607.16	56611.08594	56702.98488	56687.38281	505622.5	5409969.3
L5620.1	505622.5	5409969.3	13421.40039	418.46	0	48.842670	-86.923370	56613.16	56250.9	-0.89	56612.27	56616.23047	56715.18841	56699.37109	505622.5	5409969.3
L5620.1	505622.5	5409971.2	13421.50000	417.20	0	48.842688	-86.923370	56618.17	56250.9	-0.88	56617.29	56621.28906	56725.79721	56709.76953	505622.5	5409971.2
L5620.1	505622.5	5409972.6	13421.59961	416.41	0	48.842700	-86.923370	56623.16	56250.9	-0.88	56622.27	56626.30469	56736.13717	56719.89844	505622.5	5409972.6
L5620.1	505622.5	5409972.6	13421.70020	416.96	0	48.842700	-86.923370	56628.19	56250.9	-0.88	56627.31	56631.37891	56748.82653	56732.37891	505622.5	5409972.6
L5620.1	505622.5	5409974.4	13421.79981	417.97	0	48.842717	-86.923370	56633.36	56250.9	-0.88	56632.48	56636.58594	56765.70722	56749.05078	505622.5	5409974.4
L5620.1	505622.5	5409975.8	13421.90039	417.47	0	48.842729	-86.923370	56638.19	56250.9	-0.88	56637.31	56641.44922	56774.65700	56757.79297	505622.5	5409975.8
L5620.1	505622.5	5409975.8	13422.00000	418.99	0	48.842729	-86.923370	56643.04	56250.9	-0.88	56642.16	56646.33203	56785.01553	56767.94922	505622.5	5409975.8
L5620.1	505622.5	5409977.4	13422.09961	418.96	0	48.842743	-86.923370	56647.68	56250.9	-0.88	56646.80	56651.00391	56790.86532	56773.60156	505622.5	5409977.4
L5620.1	505622.5	5409979.1	13422.20020	416.95	0	48.842758	-86.923370	56652.58	56250.9	-0.88	56651.70	56655.93750	56804.38914	56786.92578	505622.5	5409979.1
L5620.1	505622.5	5409979.1	13422.20020	416.95	0	48.842758	-86.923370	56657.40	56250.9	-0.88	56656.52	56660.78906	56816.82372	56799.16797	505622.5	5409979.1
L5620.1	505622.5	5409980.7	13422.40039	419.61	0	48.842773	-86.923371	56661.96	56250.9	-0.88	56661.08	56665.37891	56823.54241	56805.69531	505622.5	5409980.7
L5620.1	505622.5	5409982.1	13422.50000	419.55	0	48.842786	-86.923371	56666.48	56250.9	-0.88	56665.60	56669.92969	56830.26121	56812.22656	505622.5	5409982.1
L5620.1	505622.5	5409983.7	13422.59961	420.78	0	48.842800	-86.923371	56671.11	56250.9	-0.89	56670.22	56674.58203	56840.62668	56822.41406	505622.5	5409983.7
L5620.1	505622.5	5409983.7	13422.70020	419.14	0	48.842800	-86.923371	56675.68	56250.9	-0.89	56674.79	56679.18359	56850.78563	56832.40234	505622.5	5409983.7
L5620.1	505622.4	5409985.3	13422.79981	420.42	0	48.842815	-86.923371	56680.16	56250.9	-0.89	56679.28	56683.70313	56859.98709	56841.43359	505622.4	5409985.3
L5620.1	505622.4	5409986.7	13422.90039	420.23	0	48.842827	-86.923371	56684.52	56250.9	-0.89	56683.63	56688.07813	56866.70350	56847.98828	505622.4	5409986.7
L5620.1	505622.4	5409986.7	13423.00000	419.61	0	48.842827	-86.923371	56688.84	56250.9	-0.89	56687.95	56692.42969	56873.80238	56854.93359	505622.4	5409986.7
L5620.1	505622.4	5409988.3	13423.09961	419.02	0	48.842841	-86.923372	56693.21	56250.9	-0.89	56692.33	56696.83594	56883.63321	56864.61719	505622.4	5409988.3
L5620.1	505622.4	5409990.0	13423.20020	421.53	0	48.842857	-86.923372	56697.37	56250.9	-0.89	56696.48	56701.01172	56888.71838	56869.56641	505622.4	5409990.0
L5620.1	505622.4	5409990.0	13423.29981	420.23	0	48.842857	-86.923372	56701.70	56250.9	-0.88	56700.82	56705.37891	56899.93884	56880.66016	505622.4	5409990.0
L5620.1	505622.4	5409991.6	13423.40039	423.06	0	48.842871	-86.923372	56705.94	56250.9	-0.88	56705.06	56709.64453	56909.81514	56890.41406	505622.4	5409991.6
L5620.1	505622.4	5409992.9	13423.50000	423.14	0	48.842883	-86.923372	56710.21	56250.9	-0.88	56709.33	56713.94141	56921.72742	56902.21875	505622.4	5409992.9
L5620.1	505622.4	5409992.9	13423.59961	421.72	0	48.842883	-86.923372	56714.18	56250.9	-0.88	56713.31	56717.94531	56927.41854	56907.81250	505622.4	5409992.9
L5620.1	505622.4	5409994.1	13423.70020	422.25	0	48.842894	-86.923372	56717.78	56250.9	-0.88	56716.90	56721.56250	56924.31924	56904.62891	505622.4	5409994.1
L5620.1	505622.3	5409995.5	13423.79981	424.11	0	48.842906	-86.923372	56721.84	56250.9	-0.87	56720.96	56725.64453	56934.68340	56914.91797	505622.3	5409995.5
L5620.1	505622.3	5409995.5	13423.90039	422.13	0	48.842906	-86.923372	56725.77	56250.9	-0.87	56724.90	56729.60547	56943.26908	56923.44141	505622.3	5409995.5
L5620.1	505622.3	5409996.8	13424.00000	419.31	0	48.842918	-86.923372	56729.63	56250.9	-0.87	56728.76	56733.48828	56951.12418	56931.24609	505622.3	5409996.8
L5620.1	505622.3	5409998.1	13424.09961	416.97	0	48.842930	-86.923373	56733.20	56250.9	-0.87	56732.33	56737.08203	56952.83092	56932.92188	505622.3	5409998.1
L5620.1	505622.3	5409999.1	13424.20020	416.61	0	48.842939	-86.923373	56736.95	56250.9	-0.87	56736.07	56740.84375	56960.29564	56940.37109	505622.3	5409999.1
L5620.1	505622.3	5410000.5	13424.20020	416.61	0	48.842951	-86.923373	56740.52	56250.9	-0.87	56739.65	56744.44531	56964.99542	56945.06641	505622.3	5410000.5
L5620.1	505622.3	5410000.5	13424.40039	421.77	0	48.842951	-86.923373	56744.11	56250.9	-0.88	56743.23	56748.04688	56971.07693	56951.15625	505622.3	5410000.5
L5620.1	505622.3	5410001.9	13424.50000	423.23	0	48.842964	-86.923373	56747.57	56250.9	-0.88	56746.69	56751.52734	56975.44535	56955.55078	505622.3	5410001.9
L5620.1	505622.3	5410003.3	13424.59961	423.75	0	48.842976	-86.923373	56751.06	56250.9	-0.88	56750.18	56755.03516	56981.98657	56962.14063	505622.3	5410003.3
L5620.1	505622.3	5410003.3	13424.70020	423.56	0	48.842976	-86.923373	56754.64	56250.9	-0.88	56753.75	56758.62500	56991.99953	56972.21875	505622.3	5410003.3
L5620.1	505622.3	5410004.7	13424.79981	423.34	0	48.842989	-86.923373	56757.95	56250.9	-0.89	56757.07	56761.96484	56996.95581	56977.25781	505622.3	5410004.7
L5620.1	505622.2	5410005.9	13424.90039	423.66	0	48.843000	-86.923374	56761.06	56250.9	-0.89	56760.17	56765.08203	56997.63497	56978.03516	505622.2	5410005.9
L5620.1	505622.2	5410005.9	13425.00000	422.43	0	48.843000	-86.923374	56764.18	56250.9	-0.89	56763.29	56768.21875	57000.24569	56980.76563	505622.2	5410005.9
L5620.1	505622.2	5410007.2	13425.09961	424.19	0	48.843012	-86.923374	56767.40	56250.9	-0.89	56766.51	56771.45313	57006.85816	56987.51953	505622.2	5410007.2
L5620.1	505622.2	5410008.4	13425.20020	419.44	0	48.843022	-86.923374	56770.45	56250.9	-0.89	56769.56	56774.52344	57010.49103	56991.31641	505622.2	5410008.4
L5620.1	505622.2	5410009.8	13425.29981	420.03	0	48.843035	-86.923374	56773.53	56250.9	-0.88	56772.65	56777.62891	57016.57383	56997.58594	505622.2	5410009.8
L5620.1	505622.2	5410009.8	13425.40039	421.45	0	48.843035	-86.923374	56776.61	56250.9	-0.88	56775.72	56780.71094	57023.55322	57004.76953	505622.2	5410009.8
L5620.1	505622.2	5410010.7	13425.50000	422.56	0	48.843043	-86.923374	56779.52	56250.9	-0.88	56778.64	56783.64844	57028.06462	57009.50781	505622.2	5410010.7
L5620.1	505622.2	5410012.0	13425.59961	424.77	0	48.843054	-86.923374	56782.22	56250.9	-0.88	56781.34	56786.35938	57028.29385	57009.98828	505622.2	5410012.0
L5620.1	505622.2	5410012.0	13425.70020	424.14	0	48.843054	-86.923374	56785.04	56250.9	-0.88	56784.16	56789.19531	57033.02756	57015.00000	505622.2	5410012.0
L5620.1	505622.2	5410013.2	13425.79981	424.43	0	48.843065	-86.923374	56787.83	56250.9	-0.87	56786.96	56792.00781	57038.63926	57020.91406	505622.2	5410013.2
L5620.1	505622.2	5410014.4	13425.90039	438.42	0	48.843076	-86.923374	56790.48	56250.9	-0.87	56789.60	56794.66016	57041.50133	57024.09766	505622.2	5410014.4
L5620.1	505622.2	5410014.4	13426.00000	438.31	0	48.843076	-86.923374	56793.26	56250.9	-0.87	56792.39	56797.46094	57049.62139	57032.57031	505622.2	5410014.4
L5620.1	505622.2	5410015.4	13426.09961	437.75	0	48.843086	-86.923374	56795.88	56250.9	-0.87	56795.01	56800.09375	57054.71512	57038.03906	505622.2	5410015.4
L5620.1	505622.2	5410017.0	13426.20020	435.92	0	48.843099	-86.923374	56798.39	56250.9	-0.87	56797.52	56802.61719	57058.32337	57042.05469	505622.2	5410017.0
L5620.1	505622.2	5410017.9	13426.20020	435.92	0	48.843108	-86.923374	56800.73	56250.9	-0.87	56799.85	56804.95703	57058.62431	57042.78516	505622.2	5410017.9
L5620.1	505622.2	5410017.9	13426.40039	434.51	0	48.843108	-86.923374	56803.13	56250.9	-0.88	56802.25	56807.36719	57062.06979	57046.68750	505622.2	5410017.9
L5620.1	505622.2	5410019.0	13426.50000	433.12	0	48.843118	-86.923374	56805.37	56250.9	-0.88	56804.49	56809.61719	57062.69858	57047.80078	505622.2	5410019.0
L5620.1	505622.2	5410020.1	13426.59961	434.90	0	48.843127	-86.923374	56807.75	56250.9	-0.88	56806.87	56812.00781	57068.25342	57053.87109	505622.2	5410020.1
L5620.1	505622.2	5410020.1	13426.70020	434.77	0	48.843127	-86.923374	56809.79	56250.9	-0.88	56808.90	56814.04688	57066.04786	57052.21094	505622.2	5410020.1
L5620.1	505622.2	5410020.9	13426.79981	434.68	0	48.843135	-86.923374	56811.86	56250.9	-0.89	56810.97	56816.12500	57066.14997	57052.88672	505622.2	5410020.9
L5620.1	505622.2	5410022.0	13426.90039	433.09	0	48.843144	-86.923374	56814.22	56250.9	-0.89	56813.33	56818.49219	57075.00666	57062.34766	505622.2	5410022.0
L5620.1	505622.2	5410022.0	13427.00000	432.12	0	48.843144	-86.923374	56816.31	56250.9	-0.89	56815.42	56820.58984	57078.11858	57066.08984	505622.2	5410022.0
L5620.1	505622.2	5410023.1	13427.09961	432.26	0	48.843155	-86.923374	56818.19	56250.9	-0.89	56817.30	56822.47656	57077.01773	57065.65234	505622.2	5410023.1
L5620.1	505622.2	5410024.3	13427.20020	434.45	0	48.843166	-86.923374	56820.27	56250.9	-0.88	56819.39	56824.57422	57082.54429	57071.87500	505622.2	5410024.3
L5620.1	505622.2	5410025.3	13427.29981	437.37	0	48.843175	-86.923374	56822.06	56250.9	-0.88	56821.17	56826.35938	57081.23065	57071.28516	505622.2	5410025.3
L5620.1	505622.2	5410025.3	13427.40039	438.98	0	48.843175	-86.923374	56823.98	56250.9	-0.88	56823.10	56828.29297	57084.94970	57075.75781	505622.2	5410025.3
L5620.1	505622.2	5410026.1	13427.50000	436.09	0	48.843182	-86.923374	56825.71	56250.9	-0.88	56824.83	56830.02734	57084.62817	57076.22266	505622.2	5410026.1
L5620.1	505622.2	5410027.1	13427.59961	436.07	0	48.843191	-86.923374	56827.46	56250.9	-0.87	56826.58	56831.78516	57085.93138	57078.34375	505622.2	5410027.1

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5620.1	505622.2	5410027.1	13427.70020	435.75	0	48.843191	-86.923374	56829.06	56250.9	-0.87	56828.19	56833.39844	57084.69775	57077.96094	505622.2	5410027.1
L5620.1	505622.2	5410027.9	13427.79981	434.39	0	48.843198	-86.923374	56830.72	56250.9	-0.87	56829.86	56835.07422	57086.07403	57080.22266	505622.2	5410027.9
L5620.1	505622.2	5410027.9	13427.90039	433.80	0	48.843198	-86.923374	56832.45	56250.9	-0.86	56831.59	56836.80469	57090.03468	57085.09766	505622.2	5410027.9
L5620.1	505622.2	5410029.1	13428.00000	433.11	0	48.843208	-86.923374	56833.85	56250.9	-0.86	56832.99	56838.20703	57086.46873	57082.47656	505622.2	5410029.1
L5620.1	505622.2	5410030.0	13428.09961	431.58	0	48.843216	-86.923374	56835.21	56250.9	-0.86	56834.35	56839.57031	57082.84841	57079.83594	505622.2	5410030.0
L5620.1	505622.2	5410030.9	13428.20020	431.86	0	48.843224	-86.923374	56836.81	56250.9	-0.86	56835.95	56841.17578	57086.38686	57084.38672	505622.2	5410030.9
L5620.1	505622.2	5410030.9	13428.20020	431.86	0	48.843224	-86.923374	56838.48	56250.9	-0.86	56837.61	56842.83594	57092.40183	57091.44531	505622.2	5410030.9
L5620.1	505622.2	5410031.8	13428.40039	432.80	0	48.843233	-86.923374	56839.87	56250.9	-0.87	56839.00	56844.22656	57092.33186	57092.45313	505622.2	5410031.8
L5620.1	505622.2	5410031.8	13428.50000	433.91	0	48.843233	-86.923374	56841.32	56250.9	-0.87	56840.45	56845.67969	57094.68169	57095.91016	505622.2	5410031.8
L5620.1	505622.1	5410032.8	13428.59961	432.31	0	48.843242	-86.923375	56842.46	56250.9	-0.87	56841.59	56846.82031	57089.85477	57092.22266	505622.1	5410032.8
L5620.1	505622.1	5410033.5	13428.70020	432.83	0	48.843249	-86.923375	56843.58	56250.9	-0.87	56842.71	56847.94141	57085.32083	57088.86328	505622.1	5410033.5
L5620.1	505622.1	5410034.2	13428.79981	435.81	0	48.843254	-86.923375	56844.78	56250.9	-0.88	56843.91	56849.14063	57083.63623	57088.38672	505622.1	5410034.2
L5620.1	505622.1	5410035.0	13428.90039	434.99	0	48.843261	-86.923375	56846.10	56250.9	-0.88	56845.22	56850.44922	57085.54701	57091.53125	505622.1	5410035.0
L5620.1	505622.1	5410035.6	13429.00000	435.61	0	48.843267	-86.923375	56847.26	56250.9	-0.88	56846.38	56851.60938	57084.30010	57091.55469	505622.1	5410035.6
L5620.1	505622.1	5410035.6	13429.09961	434.87	0	48.843267	-86.923375	56848.34	56250.9	-0.88	56847.46	56852.68750	57081.67558	57090.23047	505622.1	5410035.6
L5620.1	505622.1	5410036.3	13429.20020	435.02	0	48.843274	-86.923375	56849.20	56250.9	-0.88	56848.32	56853.54688	57074.02318	57083.91016	505622.1	5410036.3
L5620.1	505622.1	5410036.3	13429.29981	436.56	0	48.843274	-86.923375	56850.09	56250.9	-0.88	56849.21	56854.43750	57067.77737	57079.03125	505622.1	5410036.3
L5620.1	505622.1	5410037.1	13429.40039	436.56	0	48.843281	-86.923376	56851.13	56250.9	-0.88	56850.25	56855.47656	57066.01107	57078.65625	505622.1	5410037.1
L5620.1	505622.1	5410037.7	13429.50000	435.56	0	48.843286	-86.923376	56852.20	56250.9	-0.88	56851.33	56856.55078	57065.84979	57079.91797	505622.1	5410037.7
L5620.1	505622.0	5410038.2	13429.59961	435.94	0	48.843291	-86.923376	56853.23	56250.9	-0.87	56852.36	56857.58203	57064.93631	57080.46094	505622.0	5410038.2
L5620.1	505622.0	5410038.9	13429.70020	438.28	0	48.843297	-86.923376	56854.04	56250.9	-0.87	56853.16	56858.37891	57058.58632	57075.59766	505622.0	5410038.9
L5620.1	505622.0	5410039.6	13429.70020	438.28	0	48.843303	-86.923376	56854.57	56250.9	-0.87	56853.70	56858.91406	57045.99447	57064.51953	505622.0	5410039.6
L5620.1	505622.0	5410039.6	13429.90039	436.50	0	48.843303	-86.923376	56855.40	56250.9	-0.87	56854.53	56859.74219	57041.35355	57061.42188	505622.0	5410039.6
L5620.1	505622.0	5410040.3	13430.00000	435.70	0	48.843310	-86.923376	56856.22	56250.9	-0.87	56855.35	56860.55859	57036.87696	57058.51563	505622.0	5410040.3
L5620.1	505622.0	5410041.0	13430.09961	435.70	0	48.843316	-86.923377	56857.20	56250.9	-0.87	56856.33	56861.53516	57036.93192	57060.16797	505622.0	5410041.0
L5620.1	505622.0	5410041.0	13430.20020	434.46	0	48.843316	-86.923377	56857.71	56250.9	-0.87	56856.84	56862.03906	57025.19924	57050.06250	505622.0	5410041.0
L5620.1	505622.0	5410041.7	13430.20020	434.46	0	48.843322	-86.923377	56858.18	56250.9	-0.87	56857.31	56862.50781	57012.77015	57039.28906	505622.0	5410041.7
L5620.1	505621.9	5410042.4	13430.29981	434.46	0	48.843328	-86.923377	56858.98	56250.9	-0.87	56858.11	56863.30078	57009.18481	57037.38281	505621.9	5410042.4
L5620.1	505621.9	5410042.8	13430.40039	435.08	0	48.843332	-86.923377	56859.88	56250.9	-0.87	56859.00	56864.18750	57008.21025	57038.11328	505621.9	5410042.8
L5620.1	505621.9	5410042.8	13430.59961	436.95	0	48.843332	-86.923377	56860.44	56250.9	-0.87	56859.57	56864.75000	56999.21811	57030.85156	505621.9	5410042.8
L5620.1	505621.9	5410043.4	13430.70020	434.97	0	48.843337	-86.923377	56860.81	56250.9	-0.87	56859.94	56865.11719	56985.28559	57018.67578	505621.9	5410043.4
L5620.1	505621.9	5410043.4	13430.79981	432.37	0	48.843337	-86.923377	56861.47	56250.9	-0.87	56860.60	56865.77344	56979.05815	57014.22656	505621.9	5410043.4
L5620.1	505621.9	5410044.0	13430.90039	434.35	0	48.843343	-86.923378	56862.04	56250.9	-0.87	56861.17	56866.33594	56970.68509	57007.65625	505621.9	5410044.0
L5620.1	505621.9	5410044.5	13431.00000	432.29	0	48.843347	-86.923378	56862.45	56250.9	-0.87	56861.57	56866.73047	56958.07390	56996.86719	505621.9	5410044.5
L5620.1	505621.9	5410045.0	13431.09961	430.44	0	48.843352	-86.923378	56862.99	56250.9	-0.87	56862.12	56867.27344	56949.47624	56990.11328	505621.9	5410045.0
L5620.1	505621.9	5410045.4	13431.20020	430.31	0	48.843356	-86.923378	56863.69	56250.9	-0.87	56862.81	56867.95703	56944.61123	56987.11719	505621.9	5410045.4
L5620.1	505621.9	5410045.4	13431.29981	431.10	0	48.843356	-86.923378	56863.90	56250.9	-0.88	56863.02	56868.16016	56927.42511	56971.81641	505621.9	5410045.4
L5620.1	505621.9	5410045.9	13431.40039	431.61	0	48.843360	-86.923378	56864.07	56250.9	-0.88	56863.20	56868.33594	56909.53355	56955.83203	505621.9	5410045.9
L5620.1	505621.9	5410046.4	13431.50000	431.62	0	48.843365	-86.923378	56864.72	56250.9	-0.88	56863.84	56868.96875	56903.58739	56951.80859	505621.9	5410046.4
L5620.1	505621.8	5410046.9	13431.59961	432.99	0	48.843369	-86.923379	56864.97	56250.9	-0.88	56864.09	56869.21094	56887.58803	56937.75000	505621.8	5410046.9
L5620.1	505621.8	5410046.9	13431.70020	431.82	0	48.843369	-86.923379	56865.44	56250.9	-0.88	56864.55	56869.66406	56877.03256	56929.15234	505621.8	5410046.9
L5620.1	505621.8	5410047.3	13431.79981	430.23	0	48.843373	-86.923379	56865.70	56250.9	-0.89	56864.81	56869.91797	56861.30194	56915.39844	505621.8	5410047.3
L5620.1	505621.8	5410047.7	13431.90039	431.42	0	48.843376	-86.923379	56865.86	56250.9	-0.89	56864.97	56870.07031	56842.96593	56899.05078	505621.8	5410047.7
L5620.1	505621.8	5410048.0	13432.00000	431.35	0	48.843379	-86.923379	56866.14	56250.9	-0.89	56865.25	56870.34375	56827.69826	56885.78516	505621.8	5410048.0
L5620.1	505621.8	5410048.0	13432.09961	433.73	0	48.843379	-86.923379	56866.68	56250.9	-0.89	56865.79	56870.87500	56819.10499	56879.20703	505621.8	5410048.0
L5620.1	505621.7	5410048.5	13432.20020	433.83	0	48.843383	-86.923380	56866.83	56250.9	-0.89	56865.94	56871.01953	56800.36500	56862.49609	505621.7	5410048.5
L5620.1	505621.7	5410048.8	13432.20020	433.83	0	48.843386	-86.923380	56866.94	56250.9	-0.89	56866.05	56871.12109	56780.51665	56844.68750	505621.7	5410048.8
L5620.1	505621.7	5410048.8	13432.40039	433.26	0	48.843386	-86.923380	56867.37	56250.9	-0.88	56866.49	56871.55078	56769.11650	56835.33594	505621.7	5410048.8
L5620.1	505621.7	5410049.1	13432.50000	431.88	0	48.843389	-86.923380	56867.19	56250.9	-0.88	56866.31	56871.36328	56741.58899	56809.86719	505621.7	5410049.1
L5620.1	505621.7	5410049.5	13432.59961	433.33	0	48.843392	-86.923380	56867.53	56250.9	-0.88	56866.65	56871.69531	56727.40378	56797.74609	505621.7	5410049.5
L5620.1	505621.7	5410049.7	13432.70020	433.12	0	48.843394	-86.923380	56867.39	56250.9	-0.88	56866.52	56871.55859	56700.95306	56773.37109	505621.7	5410049.7
L5620.1	505621.7	5410049.7	13432.79981	435.12	0	48.843394	-86.923380	56867.63	56250.9	-0.87	56866.76	56871.79297	56683.95107	56758.44922	505621.7	5410049.7
L5620.1	505621.7	5410049.9	13432.90039	434.43	0	48.843396	-86.923381	56867.53	56250.9	-0.87	56866.65	56871.67188	56657.77387	56734.35547	505621.7	5410049.9
L5620.1	505621.7	5410050.2	13433.00000	435.50	0	48.843398	-86.923381	56867.32	56250.9	-0.87	56866.45	56871.46484	56629.13990	56707.81250	505621.7	5410050.2
L5620.1	505621.7	5410050.4	13433.09961	435.32	0	48.843400	-86.923381	56867.52	56250.9	-0.87	56866.65	56871.65625	56610.71605	56691.48047	505621.7	5410050.4
L5620.1	505621.7	5410050.4	13433.20020	436.39	0	48.843400	-86.923381	56867.53	56250.9	-0.87	56866.66	56871.66016	56587.24314	56670.10156	505621.7	5410050.4
L5620.1	505621.7	5410050.6	13433.29981	435.52	0	48.843402	-86.923381	56867.99	56250.9	-0.87	56867.12	56872.10938	56575.26892	56660.22266	505621.7	5410050.6
L5670.0	505671.8	5407849.9	17723.40039	318.99	61.81	48.823604	-86.922728	57182.82	56244.6	5.39	57188.20	57204.93750	57062.05822	57263.00391	505671.8	5407849.9
L5670.0	505671.8	5407849.9	17723.50000	319.18	61.97	48.823604	-86.922728	57184.74	56244.6	5.39	57190.13	57206.12500	57094.09536	57289.92578	505671.8	5407849.9
L5670.0	505671.8	5407850.1	17723.59961	319.11	61.97	48.823606	-86.922728	57186.63	56244.6	5.39	57192.02	57207.26953	57124.76140	57315.48438	505671.8	5407850.1
L5670.0	505671.8	5407850.1	17723.69922	319.86	61.97	48.823606	-86.922728	57188.34	56244.6	5.39	57193.73	57208.23828	57151.49971	57337.11719	505671.8	5407850.1
L5670.0	505671.8	5407850.3	17723.80078	320.65	61.34	48.823608	-86.922728	57190.15	56244.6	5.40	57195.54	57209.30859	57179.43046	57359.95313	505671.8	5407850.3
L5670.0	505671.8	5407850.3	17723.90039	320.38	59.97	48.823608	-86.922728	57191.75	56244.6	5.40	57197.15	57210.17969	57203.06034	57378.50000	505671.8	5407850.3
L5670.0	505671.8	5407850.4	17724.00000	320.05	59.97	48.823609	-86.922728	57193.18	56244.6	5.40	57198.58	57210.87891	57222.75186	57393.12500	505671.8	5407850.4
L5670.0	505671.8	5407850.6	17724.09961	320.46	56.29	48.823611	-86.922728	57194.48	56244.6	5.40	57199.88	57211.44922	57239.42974	57404.75781	505671.8	5407850.6
L5670.0	505671.7	5407850.8	17724.19922	320.44	55.86	48.823612	-86.922729	57195.56	56244.6	5.40	57200.96	57211.80469	57251.46076	57411.76172	505671.7	5407850.8
L5670.0	505671.7	5407851.1	17724.30078	319.65	55.86	48.823615	-86.922730	57196.41	56244.6	5.39	57201.80	57211.92969	57258.51212	57413.81641	505671.7	5407851.1
L5670.0	505671.7	5407851.1	17724.40039	317.48	57.61	48.823615	-86.922730	57196.90	56244.6	5.39	57202.29	57211.70703	57258.61581	57408.94531	505671.7	5407851.1
L5670.0	505671.7	5407851.3	17724.50000	318.77	57.61	48.823617	-86.922730	57197.54	56244.6	5.39	57202.93	57211.64453	57260.99123	57406.37891	505671.7	5407851.3
L5670.0	505671.6	5407851.6	17724.59961	317.36	60.31	48.823620	-86.922731	57198.16	56244.6	5.39	57203.55	57211.56641	57262.57820	57403.05859	505671.6	5407851.6
L5670.0	505671.5	5407851.9	17724.69922	318.18	60.31	48.823623	-86.922732	57198.84	56244.6	5.39	57204.23	57211.55859	57264.90507	57400.51563	505671.5	5407851.9
L5670.0	505671.5	5407851.9	17724.80078	317.13	60.38	48.823623	-86.922732	57199.66	56244.6	5.38	57205.04	57211.69141	57269.32270	57400.10156	505671.5	5407851.9
L5670.0	505671.4	5407852.2	17724.90039	315.96	60.38	48.823625	-86.922733	57200.40	56244.6	5.38	57205.78	57211.76172	57272.21885	57398.21094	505671.4	5407852.2
L5670.0	505671.4	5407852.5	17725.00000	317.15	56.84	48.823628	-86.922734	57201.07	56244.6	5.38	57206.45	57211.77734	57273.64503	57394.89453	505671.4	5407852.5
L5670.0	505671.3	5407852.9	17725.09961	316.53	56.84	48.823632	-86.922735	57201.89	56244.6	5.38	57207.28	57211.96094	57277.93770	57394.49219	505671.3	5407852.9
L5670.0	505671.3	5407852.9	17725.19922	315.84	54.69	48.823632	-86.922735	57202.50	56244.6	5.39	57207.88	57211.92578	57277.90781	57389.82031	505671.3	5407852.9
L5670.0	505671.2	5407853.2	17725.30078	317.21	54.12	48.823634	-86.922736	57203.21	56244.6	5.39	57208.60	57212.02344	57280.14236	57387.46484	505671.2	5407853.2
L5670.0	505671.1	5407853.6	17725.40039	318.51	54.12	48.823638	-86.922737	57203.65	56244.6	5.40	57209.04	57211.85156	57277.13492	57379.92188	505671.1	5407853.6
L5670.0	505671.1	5407853.9	17725.50000	319.46	54.12	48.823640	-86.922738	57204.05	56244.6	5.40	57209.45	57211.66797	57273.60919	57371.92188	505671.1	5407853.9
L5670.0	505671.0	5407854.3	17725.59961	320.16	54.42	48.823644	-86.922738	57204.40	56244.6	5.40	57209.80	57211.43750	57269.01770	57362.91406	505671.0	5407854.3
L5670.0	505671.0	5407854.3	17725.69922	320.47	53.49	48.823644	-86.922738	57204.83	56244.6	5.41	57210.24	57211.30859	57266.33295	57355.87891	505671.0	5407854.3
L5670.0	505671.0	5407854.7	17725.80078	320.80	53.49	48.823648	-86.922739	57205.54	56244.6	5.41	57210.95	57211.46875	57269.26556	57354.52734	505671.0	5407854.7
L5670.0	505671.0	5407855.2	17725.90039	318.96	55.01	48.823652	-86.922739	57206.40	56244.6	5.42	57211.82	57211.80078	57275.87028	57356.91406	505671.0	5407855.2
L5670.0	505671.0	5407855.2	17726.00000	320.07	55.01	48.823652	-86.922739	57207.32	56244.6	5.42	57212.74	57212.20313	57284.11347	57361.00781	505671.0	5407855.2
L5670.0	505671.0	5407855.6	17726.09961	327.12	58	48.823656	-86.922739	57208.24	56244.6	5.42	57213.66	57212.61719	57293.09675	57365.91797	505671.0	5407855.6
L5670.0	505671.0	5407856.0	17726.19922	326.92	58.2	48.823660	-86.922739	57209.18	56244.6	5.42	57214.60	57213.07422	57303.33609	57372.15625	505671.0	5407856.0
L5670.0	505671.0	5407856.0	17726.30078	327.00	58.2	48.823660	-86.922739	57210.14	56244.6	5.42	57215.56	57213.56250	57314.95410	57379.85156	505671.0	5407856.0
L5670.0	505671.0	5407856.4	17726.40039	326.38	56.61	48.823663	-86.922739	57211.04	56244.6	5.42	57216.46	57214.01172	57326.36114	57387.41016	505671.0	5407856.4
L5670.0	505671.0	5407856.8	17726.50000	326.38	56.61	48.823667	-86.922739	57211.84	56244.6	5.42	57217.26	57214.37891	57336.75340	57394.03516	505671.0	5407856.8
L5670.0	505671.0	5407857.2	17726.59961	321.25	57.99	48.823670	-86.922739	57212.62	56244.6	5.42	57218.04	57214.74609	57347.91510	57401.51172	505671.0	5407857.2
L5670.0	505671.0	5407857.2	17726.69922	320.21	57.99	48.823670	-86.922739	57213.23	56244.6	5.42	57218.65	57214.96094	57356.63302	57406.62500	505671.0	5407857.2
L5670.0	505671.0	5407857.8	17726.80078	324.92	59.61	48.823675	-86.922739	57213.92	56244.6	5.42	57219.34	57215.27344	57368.43798	57414.91406	505671.0	5407857.8
L5670.0	505671.0	5407858.2	17726.90039	326.27	59.61	48.823679	-86.922739	57214.43	56244.6	5.42	57219.85	57215.42578	57377.67381	57420.71484	505671.0	5407858.2

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5670.0	505671.0	5407858.7	17727.00000	326.34	59.15	48.823683	-86.922739	57214.98	56244.6	5.42	57220.40	57215.64063	57389.28532	57428.98047	505671.0	5407858.7
L5670.0	505671.0	5407858.7	17727.09961	324.06	57.67	48.823683	-86.922739	57215.47	56244.6	5.42	57220.89	57215.81250	57401.13191	57437.57031	505671.0	5407858.7
L5670.0	505671.0	5407859.1	17727.19922	323.25	57.67	48.823688	-86.922739	57215.75	56244.6	5.42	57221.17	57215.79688	57409.92359	57443.19531	505671.0	5407859.1
L5670.0	505671.0	5407859.8	17727.30078	322.15	56.96	48.823694	-86.922739	57216.06	56244.6	5.42	57221.47	57215.82031	57420.89310	57451.08594	505671.0	5407859.8
L5670.0	505671.0	5407860.4	17727.40039	322.71	56.96	48.823699	-86.922738	57216.09	56244.6	5.42	57221.51	57215.60547	57427.82803	57455.03125	505671.0	5407860.4
L5670.0	505671.0	5407860.4	17727.50000	323.68	56.31	48.823699	-86.922738	57216.06	56244.6	5.42	57221.47	57215.32813	57434.87575	57459.18750	505671.0	5407860.4
L5670.0	505671.0	5407861.0	17727.59961	324.97	56.31	48.823704	-86.922738	57215.84	56244.6	5.42	57221.26	57214.90625	57440.14436	57461.65625	505671.0	5407861.0
L5670.0	505671.0	5407861.5	17727.69922	324.77	58.75	48.823709	-86.922738	57215.11	56244.6	5.42	57220.53	57213.98047	57435.97027	57454.77344	505671.0	5407861.5
L5670.0	505671.0	5407862.0	17727.80078	324.78	58.13	48.823713	-86.922738	57214.41	56244.6	5.42	57219.83	57213.10938	57434.81756	57451.00781	505671.0	5407862.0
L5670.0	505671.0	5407862.6	17727.90039	325.16	58.13	48.823718	-86.922738	57213.56	56244.6	5.42	57218.98	57212.10547	57432.81561	57446.48438	505671.0	5407862.6
L5670.0	505671.0	5407862.6	17728.00000	324.92	57.71	48.823718	-86.922738	57212.46	56244.6	5.42	57217.88	57210.87500	57427.92682	57439.17188	505671.0	5407862.6
L5670.0	505671.0	5407863.4	17728.09961	324.91	52.75	48.823726	-86.922738	57211.01	56244.6	5.42	57216.43	57209.31641	57418.19658	57427.11328	505671.0	5407863.4
L5670.0	505671.0	5407863.4	17728.19922	324.01	52.75	48.823726	-86.922738	57209.63	56244.6	5.42	57215.05	57207.84766	57412.98615	57419.66797	505671.0	5407863.4
L5670.0	505671.0	5407864.1	17728.30078	323.60	55.57	48.823732	-86.922738	57208.38	56244.6	5.43	57213.81	57206.53906	57413.85386	57418.39844	505671.0	5407864.1
L5670.0	505671.0	5407864.8	17728.40039	322.95	55.57	48.823738	-86.922738	57207.05	56244.6	5.43	57212.48	57205.16406	57415.89825	57418.39844	505671.0	5407864.8
L5670.0	505671.0	5407865.4	17728.50000	322.95	58.59	48.823744	-86.922738	57205.63	56244.6	5.43	57211.06	57203.71484	57419.22120	57419.76953	505671.0	5407865.4
L5670.0	505671.0	5407865.4	17728.59961	321.70	58.74	48.823744	-86.922738	57204.14	56244.6	5.43	57209.57	57202.22266	57424.34369	57423.04297	505671.0	5407865.4
L5670.0	505671.1	5407866.3	17728.69922	322.19	58.74	48.823752	-86.922738	57202.38	56244.6	5.43	57207.82	57200.48828	57427.36783	57424.30859	505671.1	5407866.3
L5670.0	505671.1	5407867.0	17728.80078	319.86	58.28	48.823758	-86.922738	57200.61	56244.6	5.44	57206.04	57198.74219	57433.26468	57428.53906	505671.1	5407867.0
L5670.0	505671.1	5407867.6	17728.90039	321.06	59.53	48.823763	-86.922737	57198.68	56244.6	5.44	57204.12	57196.87500	57439.82315	57433.52734	505671.1	5407867.6
L5670.0	505671.1	5407868.4	17729.00000	313.94	59.53	48.823771	-86.922737	57196.77	56244.6	5.44	57202.21	57195.04297	57450.27992	57442.50781	505671.1	5407868.4
L5670.0	505671.1	5407868.4	17729.09961	312.99	58.97	48.823771	-86.922737	57194.35	56244.6	5.44	57199.80	57192.72656	57454.15680	57445.00000	505671.1	5407868.4
L5670.0	505671.2	5407869.7	17729.19922	320.04	58.97	48.823782	-86.922736	57191.54	56244.6	5.45	57196.99	57190.03125	57453.69519	57443.24609	505671.2	5407869.7
L5670.0	505671.2	5407870.3	17729.30078	318.61	58.76	48.823788	-86.922736	57188.83	56244.5	5.45	57194.28	57187.45313	57459.36565	57447.71484	505671.2	5407870.3
L5670.0	505671.2	5407870.3	17729.40039	319.15	59.2	48.823788	-86.922736	57185.52	56244.5	5.46	57190.98	57184.30469	57457.00307	57444.23828	505671.2	5407870.3
L5670.0	505671.2	5407871.0	17729.50000	320.46	59.2	48.823794	-86.922736	57181.96	56244.5	5.46	57187.42	57180.91797	57453.52104	57439.73438	505671.2	5407871.0
L5670.0	505671.2	5407872.0	17729.59961	321.67	56.33	48.823804	-86.922735	57178.49	56244.5	5.46	57183.96	57177.64453	57456.45982	57441.73828	505671.2	5407872.0
L5670.0	505671.3	5407873.2	17729.69922	323.31	56.33	48.823814	-86.922735	57174.96	56244.5	5.47	57180.43	57174.32422	57462.38027	57446.81641	505671.3	5407873.2
L5670.0	505671.3	5407873.2	17729.80078	323.03	55.84	48.823814	-86.922735	57171.33	56244.5	5.47	57176.80	57170.91797	57470.75662	57454.42969	505671.3	5407873.2
L5670.0	505671.3	5407874.0	17729.90039	322.99	55.84	48.823821	-86.922734	57167.52	56244.5	5.48	57173.00	57167.35938	57480.21432	57463.20703	505671.3	5407874.0
L5670.0	505671.3	5407875.0	17730.00000	323.72	58.19	48.823830	-86.922734	57163.35	56244.5	5.48	57168.83	57163.44531	57486.58642	57468.98828	505671.3	5407875.0
L5670.0	505671.4	5407875.7	17730.09961	323.29	58.19	48.823836	-86.922733	57158.94	56244.5	5.48	57164.41	57159.30078	57492.39758	57474.28906	505671.4	5407875.7
L5670.0	505671.4	5407875.7	17730.19922	325.51	65.37	48.823836	-86.922733	57154.18	56244.5	5.47	57159.65	57154.83203	57495.72112	57477.17969	505671.4	5407875.7
L5670.0	505671.4	5407876.6	17730.30078	319.78	65.37	48.823845	-86.922733	57149.00	56244.5	5.47	57154.47	57149.95703	57494.75104	57475.85938	505671.4	5407876.6
L5670.0	505671.4	5407877.6	17730.40039	318.47	66.28	48.823854	-86.922733	57143.55	56244.5	5.46	57149.01	57144.81641	57492.38422	57473.21484	505671.4	5407877.6
L5670.0	505671.4	5407877.6	17730.50000	324.97	66.41	48.823854	-86.922733	57137.91	56244.5	5.46	57143.37	57139.51172	57490.65088	57471.28125	505671.4	5407877.6
L5670.0	505671.4	5407878.6	17730.59961	323.62	66.39	48.823862	-86.922733	57131.83	56244.5	5.46	57137.28	57133.77344	57483.52956	57464.03906	505671.4	5407878.6
L5670.0	505671.4	5407879.4	17730.69922	322.73	66.39	48.823870	-86.922733	57125.54	56244.5	5.45	57131.00	57127.85547	57476.58047	57457.03906	505671.4	5407879.4
L5670.0	505671.4	5407879.4	17730.80078	322.83	66.39	48.823870	-86.922733	57119.16	56244.6	5.45	57124.61	57121.83984	57471.51684	57451.99219	505671.4	5407879.4
L5670.0	505671.4	5407881.2	17730.90039	323.47	61.66	48.823886	-86.922734	57112.70	56244.6	5.44	57118.14	57115.75781	57468.95678	57449.51563	505671.4	5407881.2
L5670.0	505671.4	5407881.2	17731.00000	324.51	61.66	48.823886	-86.922734	57105.88	56244.6	5.44	57111.32	57109.33984	57462.79869	57443.51172	505671.4	5407881.2
L5670.0	505671.3	5407882.3	17731.09961	323.80	57.42	48.823896	-86.922734	57099.15	56244.6	5.44	57104.59	57103.01953	57462.82400	57443.75781	505671.3	5407882.3
L5670.0	505671.3	5407882.3	17731.19922	324.92	55.91	48.823896	-86.922734	57092.04	56244.6	5.44	57097.49	57096.34375	57458.70055	57439.91797	505671.3	5407882.3
L5670.0	505671.3	5407883.3	17731.30078	324.55	55.91	48.823905	-86.922734	57084.32	56244.6	5.45	57089.77	57089.05469	57444.78554	57426.34766	505671.3	5407883.3
L5670.0	505671.3	5407884.2	17731.40039	326.00	59.22	48.823913	-86.922734	57076.00	56244.6	5.45	57081.44	57081.16406	57421.31420	57403.27734	505671.3	5407884.2
L5670.0	505671.3	5407885.0	17731.50000	327.06	58.92	48.823920	-86.922734	57067.38	56244.5	5.45	57072.83	57073.00781	57395.65692	57378.07813	505671.3	5407885.0
L5670.0	505671.3	5407886.1	17731.59961	325.00	58.92	48.823930	-86.922734	57058.46	56244.5	5.45	57063.91	57064.54688	57367.15772	57350.09766	505671.3	5407886.1
L5670.0	505671.3	5407886.1	17731.69922	326.15	69.91	48.823930	-86.922734	57049.35	56244.5	5.45	57054.81	57055.91406	57338.70569	57322.21484	505671.3	5407886.1
L5670.0	505671.3	5407887.0	17731.80078	326.05	69.62	48.823938	-86.922734	57039.95	56244.5	5.46	57045.41	57046.98828	57307.63776	57291.76563	505671.3	5407887.0
L5670.0	505671.4	5407887.9	17731.90039	324.96	69.62	48.823946	-86.922733	57030.98	56244.5	5.46	57036.44	57038.50000	57289.76787	57274.56250	505671.4	5407887.9
L5670.0	505671.4	5407888.8	17732.00000	323.89	66.98	48.823954	-86.922733	57021.59	56244.5	5.46	57027.05	57029.59766	57266.44353	57251.95313	505671.4	5407888.8
L5670.0	505671.4	5407889.7	17732.09961	322.68	66.98	48.823963	-86.922732	57012.02	56244.5	5.46	57017.48	57020.52344	57242.84806	57229.11719	505671.4	5407889.7
L5670.0	505671.5	5407890.7	17732.19922	320.50	68.62	48.823972	-86.922732	57002.00	56244.5	5.47	57007.46	57011.00000	57213.18963	57200.26563	505671.5	5407890.7
L5670.0	505671.5	5407890.7	17732.30078	318.36	68.49	48.823972	-86.922732	56991.98	56244.5	5.47	56997.45	57001.49219	57187.14030	57175.05859	505671.5	5407890.7
L5670.0	505671.5	5407891.9	17732.40039	320.23	67.28	48.823982	-86.922731	56981.96	56244.5	5.48	56987.43	56991.98047	57164.06735	57152.86328	505671.5	5407891.9
L5670.0	505671.6	5407892.6	17732.50000	320.53	66.03	48.823989	-86.922730	56971.87	56244.5	5.48	56977.35	56982.41016	57142.73878	57132.44922	505671.6	5407892.6
L5670.0	505671.6	5407893.6	17732.59961	319.96	66.03	48.823997	-86.922730	56961.41	56244.5	5.48	56966.90	56972.47266	57116.77470	57107.43750	505671.6	5407893.6
L5670.0	505671.7	5407894.5	17732.69922	321.57	63	48.824006	-86.922729	56950.75	56244.5	5.49	56956.24	56962.32813	57089.41948	57081.06641	505671.7	5407894.5
L5670.0	505671.7	5407895.5	17732.80078	320.46	62.43	48.824015	-86.922728	56940.22	56244.5	5.49	56945.71	56952.31250	57067.23210	57059.89063	505671.7	5407895.5
L5670.0	505671.7	5407895.5	17732.90039	318.34	62.43	48.824015	-86.922728	56929.25	56244.5	5.50	56934.75	56941.86719	57039.17654	57032.87109	505671.7	5407895.5
L5670.0	505671.8	5407896.6	17733.00000	319.67	70.42	48.824024	-86.922728	56918.56	56244.5	5.50	56924.06	56931.69141	57018.56012	57013.31641	505671.8	5407896.6
L5670.0	505671.8	5407897.6	17733.09961	310.28	70.33	48.824033	-86.922727	56907.52	56244.5	5.50	56913.02	56921.16797	56993.46187	56989.30469	505671.8	5407897.6
L5670.0	505671.8	5407898.5	17733.19922	311.13	71.62	48.824042	-86.922727	56896.57	56244.5	5.50	56902.07	56910.73438	56971.94713	56968.89844	505671.8	5407898.5
L5670.0	505671.9	5407899.4	17733.30078	312.82	71.8	48.824049	-86.922727	56885.38	56244.5	5.49	56890.87	56900.04688	56947.64414	56945.71875	505671.9	5407899.4
L5670.0	505671.9	5407900.4	17733.40039	322.07	72.14	48.824059	-86.922726	56874.40	56244.5	5.49	56879.89	56889.57813	56928.77986	56927.99219	505671.9	5407900.4
L5670.0	505671.9	5407901.6	17733.50000	321.79	72.14	48.824070	-86.922726	56863.22	56244.5	5.49	56868.71	56878.90625	56907.69233	56908.05859	505671.9	5407901.6
L5670.0	505671.9	5407901.6	17733.59961	322.33	73.1	48.824070	-86.922726	56851.95	56244.5	5.49	56857.43	56868.12891	56881.32549	56882.85547	505671.9	5407901.6
L5670.0	505671.9	5407902.7	17733.69922	321.81	73.1	48.824079	-86.922726	56840.48	56244.5	5.49	56845.97	56857.17188	56859.66089	56862.37109	505671.9	5407902.7
L5670.0	505671.9	5407903.8	17733.80078	319.50	72.69	48.824089	-86.922725	56829.39	56244.5	5.48	56834.87	56846.56641	56848.22887	56852.12109	505671.9	5407903.8
L5670.0	505671.9	5407905.0	17733.90039	320.17	72.69	48.824100	-86.922725	56818.09	56244.5	5.48	56823.57	56835.75781	56832.22108	56837.29688	505671.9	5407905.0
L5670.0	505671.9	5407906.3	17734.00000	310.72	64.15	48.824112	-86.922725	56806.68	56244.5	5.48	56812.16	56824.83203	56813.85958	56820.12500	505671.9	5407906.3
L5670.0	505671.9	5407906.3	17734.09961	310.86	64.15	48.824112	-86.922725	56795.34	56244.5	5.48	56800.83	56813.98438	56797.64353	56805.10547	505671.9	5407906.3
L5670.0	505672.0	5407907.6	17734.19922	312.31	59.15	48.824123	-86.922725	56784.15	56244.5	5.49	56789.64	56803.26953	56784.66900	56793.32422	505672.0	5407907.6
L5670.0	505672.0	5407908.6	17734.30078	312.87	59.15	48.824133	-86.922725	56772.71	56244.5	5.49	56778.20	56792.29297	56765.43844	56775.28125	505672.0	5407908.6
L5670.0	505672.0	5407909.9	17734.40039	314.19	60.3	48.824144	-86.922725	56761.28	56244.5	5.49	56766.77	56781.32031	56746.03156	56757.05859	505672.0	5407909.9
L5670.0	505672.0	5407909.9	17734.50000	313.99	54.61	48.824144	-86.922725	56749.79	56244.5	5.50	56755.28	56770.28125	56724.66623	56736.87109	505672.0	5407909.9
L5670.0	505672.0	5407911.4	17734.59961	313.93	54.61	48.824158	-86.922725	56738.32	56244.5	5.50	56743.82	56759.26563	56703.22523	56716.60156	505672.0	5407911.4
L5670.0	505672.0	5407912.5	17734.69922	314.64	56.61	48.824168	-86.922724	56727.11	56244.5	5.50	56732.61	56748.48828	56686.31224	56700.85156	505672.0	5407912.5
L5670.0	505672.0	5407912.5	17734.80078	312.24	56.61	48.824168	-86.922724	56715.94	56244.5	5.50	56721.44	56737.74219	56668.98369	56684.67188	505672.0	5407912.5
L5670.0	505672.0	5407913.7	17734.90039	313.18	64.55	48.824178	-86.922724	56704.77	56244.5	5.51	56710.28	56726.99219	56650.41056	56667.23438	505672.0	5407913.7
L5670.0	505672.0	5407914.8	17735.00000	313.36	75.3	48.824188	-86.922724	56693.82	56244.5	5.51	56699.33	56716.44922	56634.64824	56652.58984	505672.0	5407914.8
L5670.0	505672.0	5407916.1	17735.09961	313.46	75.3	48.824200	-86.922724	56682.87	56244.5	5.51	56688.38	56705.89063	56617.01165	56636.05859	505672.0	5407916.1
L5670.0	505672.0	5407916.1	17735.19922	312.86	61.5	48.824200	-86.922724	56671.92	56244.5	5.51	56677.43	56695.32422	56597.36689	56617.50000	505672.0	5407916.1
L5670.0	505672.0	5407917.5	17735.30078	312.57	60.9	48.824212	-86.922724	56661.21	56244.5	5.51	56666.72	56684.98438	56580.51252	56601.71094	505672.0	5407917.5
L5670.0	505672.0	5407918.5	17735.40039	312.06	64.84	48.824222	-86.922724	56650.76	56244.5	5.51	56656.28	56674.90234	56566.83341	56589.07813	505672.0	5407918.5
L5670.0	505672.0	5407919.7	17735.50000	311.54	64.84	48.824232	-86.922724	56640.33	56244.5	5.51	56645.84	56664.80859	56550.61751	56573.88281	505672.0	5407919.7
L5670.0	505672.0	5407919.7	17735.59961	310.66	68.11	48.824232	-86.922724	56629.92	56244.5	5.52	56635.43	56654.73438	56532.33549	56556.60156	505672.0	5407919.7
L5670.0	505672.0	5407921.0	17735.69922	310.61	68.11	48.824244	-86.922724	56619.66	56244.5	5.52	56625.17	56644.80078	56514.26330	56539.50391	505672.0	5407921.0
L5670.0	505672.0	5407922.4	17735.80078	312.45	76.62	48.824256	-86.922724	56609.66	56244.5	5.52	56615.17	56635.10938	56498.46788	56524.65625	505672.0	5407922.4
L5670.0	505672.0	5407923.6	17735.90039	312.12	77.22	48.824268	-86.922724	56599.98	56244.5	5.52	56605.50	56625.73438	56486.23955	56513.34375	505672.0	5407923.6
L5670.0	505672.0	5407924.6	17736.00000	312.64	77.22	48.824277	-86.922725	56590.38	56244.5	5.52	56595.90	56616.41406	56472.15799	56500.15234	505672.0	5407924.6
L5670.0	505672.0	5407924.6	17736.09961	311.51	63.44	48.824277	-86.922725	56581.10	56244.5	5.52	56586.62	56607.40625	56461.22993	56490.08984	505672.0	5407924.6
L5670.0	505671.9	5407926.0	17736.19922	311.00	68.37	48.824289	-86.922725	56571.66	56244.5	5.52	56577.18	56598.22266	56443.46234	56473.15234	505671.9	5407926.0

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5670.0	505671.9	5407927.6	17736.30078	311.91	67.61	48.824303	-86.922725	56562.62	56244.5	5.52	56568.14	56589.42188	56430.30026	56460.78906	505671.9	5407927.6
L5670.0	505671.9	5407928.8	17736.40039	312.64	67.61	48.824314	-86.922726	56553.58	56244.5	5.52	56559.11	56580.61719	56413.52728	56444.78125	505671.9	5407928.8
L5670.0	505671.9	5407928.8	17736.50000	312.96	68.32	48.824314	-86.922726	56545.02	56244.5	5.52	56550.54	56572.26172	56402.57232	56434.55859	505671.9	5407928.8
L5670.0	505671.8	5407930.0	17736.59961	312.69	70.44	48.824325	-86.922726	56536.64	56244.5	5.53	56542.17	56564.08984	56391.95534	56424.64453	505671.8	5407930.0
L5670.0	505671.8	5407930.0	17736.69922	313.41	70.44	48.824325	-86.922726	56528.47	56244.5	5.53	56534.00	56556.10547	56381.64857	56415.00391	505671.8	5407930.0
L5670.0	505671.8	5407931.4	17736.80078	312.72	66.18	48.824338	-86.922727	56520.46	56244.5	5.53	56525.99	56548.26172	56370.73389	56404.71875	505671.8	5407931.4
L5670.0	505671.7	5407933.7	17736.90039	312.54	66.18	48.824358	-86.922728	56512.65	56244.5	5.53	56518.18	56540.60547	56360.08509	56394.66406	505671.7	5407933.7
L5670.0	505671.7	5407933.7	17737.00000	313.90	66.86	48.824358	-86.922728	56505.02	56244.5	5.53	56510.55	56533.11719	56349.28798	56384.42578	505671.7	5407933.7
L5670.0	505671.7	5407934.9	17737.09961	313.63	68.41	48.824369	-86.922729	56497.95	56244.5	5.53	56503.47	56526.16016	56347.15965	56382.82031	505671.7	5407934.9
L5670.0	505671.6	5407936.1	17737.19922	313.87	71.62	48.824380	-86.922729	56490.57	56244.5	5.53	56496.10	56518.90234	56333.91899	56370.06641	505671.6	5407936.1
L5670.0	505671.6	5407937.1	17737.30078	311.85	71.62	48.824389	-86.922730	56483.45	56244.5	5.53	56488.98	56511.87500	56322.30162	56358.89453	505671.6	5407937.1
L5670.0	505671.5	5407938.6	17737.40039	310.62	76.25	48.824402	-86.922731	56476.31	56244.5	5.53	56481.84	56504.81250	56305.66720	56342.66797	505671.5	5407938.6
L5670.0	505671.5	5407938.6	17737.50000	310.46	79.7	48.824402	-86.922731	56469.65	56244.5	5.53	56475.18	56498.21875	56296.68828	56334.06250	505671.5	5407938.6
L5670.0	505671.5	5407940.0	17737.59961	308.63	79.7	48.824415	-86.922731	56463.14	56244.5	5.53	56468.67	56491.75781	56287.24375	56324.95313	505671.5	5407940.0
L5670.0	505671.4	5407941.2	17737.69922	308.12	68.28	48.824426	-86.922732	56456.81	56244.5	5.53	56462.34	56485.46484	56241.75810	56279.76953	505671.4	5407941.2
L5670.0	505671.4	5407941.2	17737.80078	321.08	68.49	48.824426	-86.922732	56450.43	56244.5	5.53	56455.96	56479.10156	56230.03953	56268.30859	505671.4	5407941.2
L5670.0	505671.4	5407942.4	17737.90039	321.60	68.49	48.824437	-86.922733	56444.43	56244.5	5.53	56449.96	56473.10547	56222.48975	56260.98047	505671.4	5407942.4
L5670.0	505671.3	5407944.0	17738.00000	322.89	81.29	48.824451	-86.922733	56438.62	56244.5	5.53	56444.15	56467.28906	56215.93879	56254.61328	505671.3	5407944.0
L5670.0	505671.3	5407945.0	17738.09961	322.40	73.65	48.824460	-86.922734	56433.05	56244.5	5.53	56438.58	56461.69531	56211.39736	56250.22266	505671.3	5407945.0
L5670.0	505671.2	5407946.3	17738.19922	321.31	75.93	48.824471	-86.922734	56427.62	56244.5	5.53	56433.15	56456.22656	56207.14146	56246.07813	505671.2	5407946.3
L5670.0	505671.2	5407947.5	17738.30078	320.76	75.93	48.824482	-86.922735	56422.33	56244.5	5.53	56427.87	56450.89453	56203.41218	56242.42188	505671.2	5407947.5
L5670.0	505671.2	5407947.5	17738.40039	321.43	76.47	48.824482	-86.922735	56417.07	56244.5	5.53	56422.61	56445.56641	56197.77718	56236.82422	505671.2	5407947.5
L5670.0	505671.2	5407948.5	17738.50000	321.76	81.47	48.824492	-86.922735	56412.18	56244.5	5.53	56417.71	56440.58594	56196.67228	56235.72266	505671.2	5407948.5
L5670.0	505671.1	5407950.1	17738.59961	321.90	81.47	48.824506	-86.922736	56407.40	56244.5	5.54	56412.93	56435.71484	56195.59672	56234.61328	505671.1	5407950.1
L5670.0	505671.1	5407950.1	17738.69922	320.14	81.66	48.824506	-86.922736	56402.86	56244.5	5.54	56408.40	56431.07813	56197.04394	56235.99609	505671.1	5407950.1
L5670.0	505671.1	5407952.0	17738.80078	318.87	81.66	48.824523	-86.922737	56398.09	56244.5	5.54	56403.62	56426.17578	56191.35648	56230.20313	505671.1	5407952.0
L5670.0	505671.1	5407952.0	17738.90039	317.81	82.02	48.824523	-86.922737	56393.70	56244.5	5.54	56399.24	56421.66406	56191.09033	56229.80078	505671.1	5407952.0
L5670.0	505671.0	5407954.5	17739.00000	319.27	79.53	48.824545	-86.922737	56388.95	56244.5	5.54	56394.49	56416.76563	56181.29792	56219.83984	505671.0	5407954.5
L5670.0	505671.0	5407954.5	17739.09961	320.34	79.46	48.824545	-86.922737	56384.71	56244.5	5.54	56390.26	56412.37891	56179.30338	56217.64453	505671.0	5407954.5
L5670.0	505671.0	5407955.8	17739.19922	322.45	79.46	48.824557	-86.922737	56380.53	56244.5	5.54	56386.07	56408.01953	56175.77076	56213.87891	505671.0	5407955.8
L5670.0	505671.1	5407956.6	17739.30078	321.82	72.71	48.824564	-86.922737	56376.57	56244.5	5.55	56382.12	56403.88672	56174.64666	56212.49219	505671.1	5407956.6
L5670.0	505671.1	5407958.0	17739.40039	320.93	73.86	48.824577	-86.922736	56372.46	56244.5	5.55	56378.01	56399.58203	56168.13626	56205.68359	505671.1	5407958.0
L5670.0	505671.1	5407958.9	17739.50000	320.39	73.86	48.824585	-86.922736	56368.76	56244.5	5.55	56374.31	56395.67578	56167.48647	56204.71094	505671.1	5407958.9
L5670.0	505671.1	5407958.9	17739.59961	320.29	76.6	48.824585	-86.922736	56365.14	56244.4	5.55	56370.69	56391.83984	56166.27224	56203.14453	505671.1	5407958.9
L5670.0	505671.2	5407960.6	17739.69922	319.74	84.34	48.824600	-86.922735	56361.70	56244.4	5.55	56367.25	56388.17188	56166.51598	56203.00781	505671.2	5407960.6
L5670.0	505671.2	5407961.7	17739.80078	319.21	84.34	48.824610	-86.922734	56358.00	56244.4	5.56	56363.55	56384.23438	56159.55745	56195.64063	505671.2	5407961.7
L5670.0	505671.3	5407962.9	17739.90039	320.26	69.99	48.824621	-86.922733	56354.68	56244.4	5.56	56360.23	56380.66797	56158.11683	56193.76563	505671.3	5407962.9
L5670.0	505671.3	5407964.2	17740.00000	321.51	69.26	48.824632	-86.922733	56351.36	56244.4	5.56	56356.92	56377.09766	56154.96616	56190.15625	505671.3	5407964.2
L5670.0	505671.4	5407965.2	17740.09961	320.64	69.49	48.824642	-86.922732	56348.42	56244.4	5.56	56353.98	56373.89453	56157.33517	56192.04297	505671.4	5407965.2
L5670.0	505671.4	5407966.3	17740.19922	320.10	69.49	48.824651	-86.922732	56345.34	56244.4	5.56	56350.90	56370.53906	56155.16836	56189.37109	505671.4	5407966.3
L5670.0	505671.4	5407967.2	17740.30078	322.06	71.07	48.824659	-86.922731	56342.53	56244.4	5.56	56348.08	56367.43359	56156.48891	56190.16406	505671.4	5407967.2
L5670.0	505671.5	5407968.4	17740.40039	322.45	71.6	48.824671	-86.922731	56339.46	56244.4	5.56	56345.02	56364.08203	56151.41541	56184.53906	505671.5	5407968.4
L5670.0	505671.5	5407968.4	17740.50000	323.69	82	48.824671	-86.922731	56336.61	56244.4	5.56	56342.16	56360.92188	56148.76342	56181.31641	505671.5	5407968.4
L5670.0	505671.5	5407969.8	17740.59961	322.82	83.11	48.824683	-86.922730	56333.77	56244.4	5.55	56339.32	56357.77344	56145.00553	56176.96875	505671.5	5407969.8
L5670.0	505671.5	5407971.8	17740.69922	322.87	83.11	48.824701	-86.922730	56331.12	56244.4	5.55	56336.67	56354.80859	56143.54406	56174.89844	505671.5	5407971.8
L5670.0	505671.5	5407971.8	17740.80078	321.61	82.34	48.824701	-86.922730	56328.67	56244.4	5.55	56334.22	56352.03516	56144.58352	56175.31250	505671.5	5407971.8
L5670.0	505671.6	5407973.0	17740.90039	322.36	77.54	48.824712	-86.922730	56326.20	56244.4	5.55	56331.75	56349.23828	56143.80997	56173.89453	505671.6	5407973.0
L5670.0	505671.6	5407974.3	17741.00000	321.80	77.54	48.824723	-86.922730	56323.93	56244.4	5.55	56329.48	56346.63281	56145.58175	56175.00781	505671.6	5407974.3
L5670.0	505671.6	5407975.4	17741.09961	312.31	78.11	48.824733	-86.922729	56321.55	56244.4	5.55	56327.10	56343.91406	56143.84181	56172.59766	505671.6	5407975.4
L5670.0	505671.6	5407976.7	17741.19922	310.50	78.11	48.824745	-86.922729	56319.31	56244.4	5.55	56324.86	56341.32813	56143.49659	56171.56641	505671.6	5407976.7
L5670.0	505671.6	5407976.7	17741.30078	317.93	81.33	48.824745	-86.922729	56317.11	56244.4	5.56	56322.67	56338.78906	56142.80360	56170.17969	505671.6	5407976.7
L5670.0	505671.6	5407978.7	17741.40039	319.47	70.24	48.824763	-86.922729	56315.07	56244.4	5.56	56320.62	56336.38281	56143.48990	56170.15625	505671.6	5407978.7
L5670.0	505671.6	5407980.0	17741.50000	319.62	69.55	48.824775	-86.922729	56312.89	56244.4	5.56	56318.45	56333.85547	56140.56433	56166.51172	505671.6	5407980.0
L5670.0	505671.6	5407981.0	17741.59961	310.54	69.55	48.824783	-86.922729	56310.93	56244.4	5.56	56316.50	56331.54297	56140.54400	56165.76563	505671.6	5407981.0
L5670.0	505671.6	5407981.0	17741.69922	309.78	70.08	48.824783	-86.922729	56308.96	56244.4	5.56	56314.53	56329.21094	56138.85675	56163.34375	505671.6	5407981.0
L5670.0	505671.6	5407982.4	17741.80078	318.85	71.74	48.824797	-86.922729	56307.19	56244.4	5.57	56312.75	56327.05859	56139.50087	56163.24609	505671.6	5407982.4
L5670.0	505671.6	5407984.0	17741.90039	319.39	82.61	48.824811	-86.922729	56305.37	56244.4	5.57	56310.94	56324.87891	56138.32468	56161.32031	505671.6	5407984.0
L5670.0	505671.6	5407985.1	17742.00000	319.43	82.61	48.824821	-86.922729	56303.68	56244.4	5.57	56309.25	56322.81641	56138.17336	56160.41797	505671.6	5407985.1
L5670.0	505671.6	5407986.3	17742.09961	318.55	81.14	48.824831	-86.922729	56302.06	56244.4	5.57	56307.63	56320.82031	56138.11484	56159.60156	505671.6	5407986.3
L5670.0	505671.6	5407986.3	17742.19922	319.11	80.63	48.824831	-86.922729	56300.75	56244.4	5.57	56306.32	56319.13281	56142.67211	56163.39844	505671.6	5407986.3
L5670.0	505671.6	5407987.8	17742.30078	318.81	78.79	48.824845	-86.922729	56298.96	56244.4	5.57	56304.53	56316.96484	56137.02920	56156.99609	505671.6	5407987.8
L5670.0	505671.6	5407989.2	17742.40039	318.72	78.79	48.824857	-86.922729	56297.64	56244.4	5.57	56303.21	56315.26563	56139.08978	56158.29297	505671.6	5407989.2
L5670.0	505671.6	5407990.2	17742.50000	318.91	84.07	48.824867	-86.922729	56296.10	56244.4	5.57	56301.67	56313.34766	56135.91131	56154.35547	505671.6	5407990.2
L5670.0	505671.6	5407991.5	17742.59961	319.06	82.78	48.824878	-86.922729	56294.78	56244.4	5.57	56300.35	56311.64453	56135.81295	56153.49609	505671.6	5407991.5
L5670.0	505671.6	5407992.4	17742.69922	319.90	83	48.824887	-86.922728	56293.53	56244.4	5.57	56299.10	56310.01563	56136.00184	56152.92578	505671.6	5407992.4
L5670.0	505671.6	5407994.0	17742.80078	319.88	83	48.824900	-86.922728	56292.18	56244.4	5.57	56297.75	56308.28906	56133.27636	56149.44141	505671.6	5407994.0
L5670.0	505671.6	5407995.1	17742.90039	321.29	84.7	48.824910	-86.922728	56291.06	56244.4	5.57	56296.63	56306.78906	56133.94471	56149.35938	505671.6	5407995.1
L5670.0	505671.7	5407996.4	17743.00000	322.91	84.73	48.824922	-86.922728	56289.98	56244.4	5.57	56295.55	56305.33203	56134.43594	56149.10156	505671.7	5407996.4
L5670.0	505671.7	5407996.4	17743.09961	324.37	84.19	48.824922	-86.922728	56288.88	56244.4	5.57	56294.45	56303.85547	56133.59981	56147.51953	505671.7	5407996.4
L5670.0	505671.7	5407997.5	17743.19922	322.63	84.85	48.824932	-86.922728	56287.88	56244.4	5.57	56293.46	56302.48828	56133.98993	56147.17188	505671.7	5407997.5
L5670.0	505671.7	5407999.0	17743.30078	323.34	84.85	48.824945	-86.922727	56286.92	56244.4	5.57	56292.49	56301.14453	56133.95914	56146.41016	505671.7	5407999.0
L5670.0	505671.7	5408000.7	17743.40039	321.99	85.53	48.824961	-86.922727	56286.00	56244.4	5.57	56291.57	56299.85547	56134.16792	56145.89453	505671.7	5408000.7
L5670.0	505671.7	5408000.7	17743.50000	320.12	79.01	48.824961	-86.922727	56285.02	56244.4	5.57	56290.60	56298.51563	56132.72432	56143.73438	505671.7	5408000.7
L5670.0	505671.7	5408002.3	17743.59961	319.24	79.01	48.824976	-86.922727	56284.22	56244.4	5.58	56289.79	56297.33984	56133.75852	56144.06250	505671.7	5408002.3
L5670.0	505671.7	5408003.4	17743.69922	319.02	77.69	48.824985	-86.922727	56283.50	56244.4	5.58	56289.07	56296.25781	56135.93248	56145.53906	505671.7	5408003.4
L5670.0	505671.8	5408004.6	17743.80078	319.40	77.69	48.824996	-86.922726	56282.64	56244.4	5.58	56288.22	56295.04688	56134.98000	56143.89844	505671.8	5408004.6
L5670.0	505671.8	5408006.2	17743.90039	317.95	84.7	48.825010	-86.922726	56282.02	56244.4	5.58	56287.60	56294.06641	56137.95166	56146.19141	505671.8	5408006.2
L5670.0	505671.8	5408006.2	17744.00000	319.51	84.36	48.825010	-86.922726	56281.43	56244.4	5.58	56287.01	56293.12500	56140.95444	56148.52734	505671.8	5408006.2
L5670.0	505671.8	5408007.5	17744.09961	320.71	80.83	48.825022	-86.922726	56280.82	56244.4	5.58	56286.40	56292.16406	56143.02233	56149.94141	505671.8	5408007.5
L5670.0	505671.8	5408008.9	17744.19922	321.55	79.71	48.825035	-86.922726	56280.28	56244.4	5.58	56285.86	56291.27734	56145.90332	56152.17969	505671.8	5408008.9
L5670.0	505671.8	5408010.0	17744.30078	322.06	79.71	48.825044	-86.922726	56279.75	56244.4	5.58	56285.33	56290.40234	56148.45560	56154.09766	505671.8	5408010.0
L5670.0	505671.8	5408011.6	17744.40039	323.63	80.72	48.825059	-86.922726	56279.19	56244.4	5.58	56284.77	56289.50391	56149.94864	56154.97266	505671.8	5408011.6
L5670.0	505671.7	5408012.4	17744.50000	323.63	76.37	48.825066	-86.922726	56278.73	56244.4	5.58	56284.31	56288.70703	56152.84700	56157.26563	505671.7	5408012.4
L5670.0	505671.7	5408013.7	17744.59961	323.34	76.37	48.825078	-86.922727	56278.29	56244.4	5.58	56283.87	56287.93750	56155.63458	56159.46094	505671.7	5408013.7
L5670.0	505671.7	5408013.7	17744.69922	323.28	74.47	48.825078	-86.922727	56277.98	56244.4	5.58	56283.56	56287.30078	56160.33046	56163.57813	505671.7	5408013.7
L5670.0	505671.7	5408015.1	17744.80078	323.16	71.67	48.825090	-86.922727	56277.50	56244.4	5.58	56283.08	56286.50000	56161.47372	56164.15625	505671.7	5408015.1
L5670.0	505671.7	5408016.6	17744.90039	316.97	73.35	48.825104	-86.922727	56277.30	56244.4	5.58	56282.88	56285.98047	56167.21197	56169.34375	505671.7	5408016.6
L5670.0	505671.7	5408017.9	17745.00000	316.53	73.35	48.825116	-86.922728	56276.82	56244.4	5.58	56282.40	56285.18750	56167.54821	56169.14453	505671.7	5408017.9
L5670.0	505671.6	5408019.2	17745.09961	316.07	76.18	48.825127	-86.922728	56276.61	56244.4	5.58	56282.20	56284.67969	56172.41285	56173.48828	505671.6	5408019.2
L5670.0	505671.6	5408019.2	17745.19922	316.24	77.07	48.825127	-86.922728	56276.28	56244.4	5.58	56281.86	56284.03516	56174.45582	56175.02344	505671.6	5408019.2
L5670.0	505671.6	5408020.7	17745.30078	316.26	77.07	48.825141	-86.922728	56276.07	56244.4	5.59	56281.65	56283.52734	56182.05324	56182.12891	505671.6	5408020.7
L5670.0	505671.6	5408022.3	17745.40039	316.35	77.78	48.825155	-86.922728	56275.77	56244.4	5.59	56281.36	56282.94141	56183.55582	56183.15234	505671.6	5408022.3
L5670.0	505671.6	5408022.9	17745.50000	317.24	79.01	48.825161	-86.922728	56275.64	56244.4	5.59	56281.23	56282.51953	56188.68812	56187.82031	505671.6	5408022.9

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5670.0	505671.6	5408024.3	17745.59961	315.48	80.35	48.825173	-86.922728	56275.28	56244.4	5.59	56280.87	56281.87500	56187.45457	56186.13672	505671.6	5408024.3
L5670.0	505671.6	5408025.4	17745.69922	315.25	80.35	48.825183	-86.922728	56275.16	56244.4	5.59	56280.75	56281.47656	56191.85468	56190.10547	505671.6	5408025.4
L5670.0	505671.6	5408025.4	17745.80078	314.57	80.94	48.825183	-86.922728	56274.82	56244.4	5.60	56280.42	56280.87109	56190.58229	56188.41406	505671.6	5408025.4
L5670.0	505671.6	5408026.8	17745.90039	314.11	82.58	48.825195	-86.922728	56274.64	56244.4	5.60	56280.24	56280.41797	56192.64313	56190.06641	505671.6	5408026.8
L5670.0	505671.6	5408028.4	17746.00000	314.53	82.66	48.825210	-86.922728	56274.32	56244.4	5.60	56279.92	56279.83203	56190.91818	56187.95313	505671.6	5408028.4
L5670.0	505671.6	5408029.5	17746.09961	313.97	82.66	48.825220	-86.922728	56274.14	56244.4	5.60	56279.74	56279.39063	56192.23456	56188.89063	505671.6	5408029.5
L5670.0	505671.6	5408030.8	17746.19922	312.70	78.61	48.825232	-86.922728	56273.93	56244.4	5.60	56279.53	56278.92578	56192.49045	56188.78516	505671.6	5408030.8
L5670.0	505671.6	5408032.1	17746.30078	313.13	81.85	48.825244	-86.922729	56273.72	56244.4	5.61	56279.32	56278.46094	56192.47548	56188.41797	505671.6	5408032.1
L5670.0	505671.6	5408032.1	17746.40039	314.23	83.83	48.825244	-86.922729	56273.50	56244.4	5.61	56279.10	56277.99219	56192.01344	56187.62109	505671.6	5408032.1
L5670.0	505671.6	5408034.0	17746.50000	315.95	83.83	48.825260	-86.922729	56273.47	56244.4	5.61	56279.08	56277.73047	56196.17389	56191.45703	505671.6	5408034.0
L5670.0	505671.5	5408035.1	17746.59961	315.55	80.52	48.825270	-86.922729	56273.08	56244.4	5.61	56278.69	56277.10156	56191.36800	56186.33984	505671.5	5408035.1
L5670.0	505671.5	5408036.4	17746.69922	314.09	79.89	48.825283	-86.922729	56273.02	56244.4	5.61	56278.63	56276.80469	56194.38637	56189.06250	505671.5	5408036.4
L5670.0	505671.5	5408037.6	17746.80078	315.39	83.83	48.825293	-86.922729	56273.00	56244.4	5.62	56278.62	56276.56250	56198.58290	56192.97266	505671.5	5408037.6
L5670.0	505671.5	5408037.6	17746.90039	315.77	84.04	48.825293	-86.922729	56272.96	56244.4	5.62	56278.58	56276.29688	56202.09216	56196.20703	505671.5	5408037.6
L5670.0	505671.5	5408038.9	17747.00000	316.89	84.04	48.825305	-86.922729	56272.70	56244.4	5.62	56278.32	56275.81250	56200.32671	56194.17969	505671.5	5408038.9
L5670.0	505671.5	5408041.0	17747.09961	318.77	83.99	48.825324	-86.922730	56272.64	56244.4	5.62	56278.26	56275.53516	56203.47171	56197.07031	505671.5	5408041.0
L5670.0	505671.5	5408041.0	17747.19922	318.02	83.71	48.825324	-86.922730	56272.57	56244.4	5.63	56278.20	56275.25781	56206.73063	56200.08594	505671.5	5408041.0
L5670.0	505671.5	5408042.6	17747.30078	316.89	83.71	48.825338	-86.922730	56272.50	56244.4	5.63	56278.13	56274.97656	56209.88321	56203.00781	505671.5	5408042.6
L5670.0	505671.5	5408044.1	17747.40039	316.57	83.76	48.825351	-86.922730	56272.25	56244.4	5.63	56277.88	56274.51563	56208.75037	56201.65234	505671.5	5408044.1
L5670.0	505671.5	5408044.1	17747.50000	315.76	83.53	48.825351	-86.922730	56272.17	56244.4	5.64	56277.80	56274.23047	56211.95767	56204.64453	505671.5	5408044.1
L5670.0	505671.4	5408045.5	17747.59961	314.81	83.53	48.825364	-86.922730	56271.68	56244.4	5.64	56277.32	56273.54688	56205.37911	56197.86328	505671.4	5408045.5
L5670.0	505671.4	5408047.0	17747.69922	314.88	84.22	48.825377	-86.922730	56271.43	56244.4	5.64	56277.07	56273.09766	56204.62040	56196.90625	505671.4	5408047.0
L5670.0	505671.4	5408048.4	17747.80078	315.31	83.55	48.825390	-86.922731	56271.10	56244.4	5.64	56276.74	56272.57422	56201.96792	56194.06641	505671.4	5408048.4
L5670.0	505671.4	5408049.7	17747.90039	316.15	83.73	48.825402	-86.922731	56270.56	56244.4	5.65	56276.20	56271.83984	56194.12083	56186.03516	505671.4	5408049.7
L5670.0	505671.4	5408051.1	17748.00000	315.04	83.3	48.825415	-86.922731	56270.31	56244.3	5.65	56275.96	56271.40625	56193.84262	56185.58203	505671.4	5408051.1
L5670.0	505671.4	5408051.1	17748.09961	316.19	83.3	48.825415	-86.922731	56270.07	56244.3	5.65	56275.72	56270.97656	56193.59809	56185.16797	505671.4	5408051.1
L5670.0	505671.4	5408052.9	17748.19922	317.69	83.41	48.825431	-86.922731	56269.80	56244.3	5.65	56275.45	56270.52344	56192.58944	56183.99609	505671.4	5408052.9
L5670.0	505671.3	5408054.2	17748.30078	316.01	83.41	48.825442	-86.922732	56269.82	56244.3	5.65	56275.47	56270.35938	56198.89022	56190.14063	505671.3	5408054.2
L5670.0	505671.3	5408054.2	17748.40039	316.94	83.52	48.825442	-86.922732	56269.59	56244.3	5.65	56275.24	56269.94531	56198.76559	56189.86328	505671.3	5408054.2
L5670.0	505671.3	5408055.4	17748.50000	316.85	83.42	48.825453	-86.922732	56269.39	56244.3	5.65	56275.04	56269.56641	56199.26144	56190.21094	505671.3	5408055.4
L5670.0	505671.3	5408056.9	17748.59961	316.81	83.42	48.825467	-86.922732	56269.00	56244.3	5.65	56274.65	56268.99609	56194.67656	56185.48047	505671.3	5408056.9
L5670.0	505671.2	5408058.3	17748.69922	315.44	84.35	48.825479	-86.922733	56268.67	56244.3	5.65	56274.32	56268.48828	56191.34033	56182.00391	505671.2	5408058.3
L5670.0	505671.2	5408058.3	17748.80078	316.49	84.35	48.825479	-86.922733	56268.39	56244.3	5.65	56274.04	56268.03516	56188.94873	56179.47266	505671.2	5408058.3
L5670.0	505671.2	5408059.9	17748.90039	316.09	85.94	48.825493	-86.922733	56268.14	56244.3	5.65	56273.79	56267.60938	56186.93844	56177.32813	505671.2	5408059.9
L5670.0	505671.2	5408061.2	17749.00000	315.70	81.16	48.825505	-86.922734	56267.77	56244.3	5.65	56273.42	56267.06641	56181.30227	56171.55859	505671.2	5408061.2
L5670.0	505671.2	5408061.2	17749.09961	316.06	76.92	48.825505	-86.922734	56267.70	56244.4	5.65	56273.35	56266.82422	56183.42049	56173.54688	505671.2	5408061.2
L5670.0	505671.1	5408063.2	17749.19922	317.51	76.92	48.825523	-86.922734	56267.42	56244.4	5.65	56273.07	56266.37500	56179.07131	56169.06641	505671.1	5408063.2
L5670.0	505671.1	5408064.4	17749.30078	317.78	76.29	48.825534	-86.922734	56267.34	56244.4	5.65	56272.99	56266.12500	56177.69654	56167.56641	505671.1	5408064.4
L5670.0	505671.1	5408065.8	17749.40039	316.43	76.29	48.825546	-86.922734	56267.30	56244.4	5.65	56272.94	56265.90625	56176.38406	56166.12500	505671.1	5408065.8
L5670.0	505671.1	5408067.1	17749.50000	316.16	74.51	48.825559	-86.922734	56267.24	56244.4	5.64	56272.88	56265.67969	56174.41339	56164.02734	505671.1	5408067.1
L5670.0	505671.1	5408067.1	17749.59961	315.18	76.79	48.825559	-86.922734	56267.16	56244.4	5.64	56272.80	56265.42969	56171.57450	56161.05859	505671.1	5408067.1
L5670.0	505671.1	5408068.7	17749.69922	315.90	75.14	48.825573	-86.922734	56267.07	56244.4	5.64	56272.71	56265.17188	56168.01172	56157.36719	505671.1	5408068.7
L5670.0	505671.1	5408070.1	17749.80078	317.85	75.14	48.825585	-86.922734	56266.93	56244.4	5.64	56272.58	56264.87500	56163.15210	56152.37891	505671.1	5408070.1
L5670.0	505671.1	5408071.4	17749.90039	321.91	72.23	48.825597	-86.922734	56267.09	56244.4	5.64	56272.73	56264.85938	56162.77917	56151.87891	505671.1	5408071.4
L5670.0	505671.1	5408072.8	17750.00000	321.59	75.18	48.825609	-86.922734	56267.42	56244.4	5.64	56273.06	56265.02344	56165.13889	56154.10547	505671.1	5408072.8
L5670.0	505671.1	5408072.8	17750.09961	322.16	77.3	48.825609	-86.922734	56267.53	56244.4	5.64	56273.17	56264.96875	56162.90233	56151.73438	505671.1	5408072.8
L5670.0	505671.1	5408074.4	17750.19922	321.85	77.3	48.825624	-86.922734	56267.66	56244.4	5.64	56273.30	56264.92969	56160.42207	56149.12109	505671.1	5408074.4
L5670.0	505671.1	5408075.6	17750.30078	320.69	71.33	48.825635	-86.922734	56267.62	56244.4	5.65	56273.27	56264.73438	56154.35052	56142.91406	505671.1	5408075.6
L5670.0	505671.1	5408077.0	17750.40039	320.48	69.5	48.825647	-86.922734	56267.58	56244.4	5.65	56273.23	56264.52734	56147.43641	56135.85938	505671.1	5408077.0
L5670.0	505671.1	5408078.1	17750.50000	320.48	69.5	48.825658	-86.922735	56267.66	56244.3	5.65	56273.31	56264.44141	56142.09396	56130.37500	505671.1	5408078.1
L5670.0	505671.1	5408078.1	17750.59961	320.71	70.14	48.825658	-86.922735	56267.92	56244.3	5.65	56273.57	56264.53516	56139.44474	56127.58203	505671.1	5408078.1
L5670.0	505671.1	5408079.5	17750.69922	321.89	74.22	48.825670	-86.922735	56268.21	56244.3	5.65	56273.87	56264.66797	56136.88406	56124.87500	505671.1	5408079.5
L5670.0	505671.0	5408080.9	17750.80078	321.19	74.22	48.825682	-86.922735	56268.67	56244.3	5.66	56274.33	56264.96094	56136.61850	56124.45703	505671.0	5408080.9
L5670.0	505671.0	5408082.3	17750.90039	321.80	76.21	48.825695	-86.922736	56269.23	56244.3	5.66	56274.89	56265.35156	56137.50333	56125.18750	505671.0	5408082.3
L5670.0	505671.0	5408083.7	17751.00000	320.38	78.66	48.825708	-86.922736	56270.18	56244.3	5.66	56275.84	56266.13672	56144.85062	56132.37891	505671.0	5408083.7
L5670.0	505671.0	5408085.1	17751.09961	314.69	75.29	48.825720	-86.922736	56271.25	56244.3	5.66	56276.91	56267.03516	56153.61245	56140.97656	505671.0	5408085.1
L5670.0	505671.0	5408086.2	17751.19922	314.66	75.29	48.825730	-86.922736	56271.94	56244.3	5.66	56277.60	56267.55859	56154.63267	56141.83203	505671.0	5408086.2
L5670.0	505671.0	5408086.2	17751.30078	319.52	70.33	48.825730	-86.922736	56272.60	56244.3	5.67	56278.26	56268.05078	56154.36152	56141.39453	505671.0	5408086.2
L5670.0	505671.0	5408087.8	17751.40039	315.35	70.53	48.825745	-86.922736	56273.22	56244.3	5.67	56278.89	56268.50781	56152.82281	56139.68359	505671.0	5408087.8
L5670.0	505671.0	5408089.0	17751.50000	309.31	79.4	48.825755	-86.922736	56274.16	56244.3	5.67	56279.83	56269.28125	56156.11699	56142.80078	505671.0	5408089.0
L5670.0	505671.0	5408089.9	17751.59961	318.09	78.94	48.825763	-86.922735	56275.23	56244.3	5.67	56280.90	56270.17969	56160.96253	56147.46484	505671.0	5408089.9
L5670.0	505671.0	5408091.3	17751.69922	318.30	74.04	48.825776	-86.922735	56276.31	56244.3	5.67	56281.98	56271.08984	56165.19403	56151.51563	505671.0	5408091.3
L5670.0	505671.0	5408092.7	17751.80078	317.20	74.04	48.825788	-86.922735	56277.14	56244.3	5.68	56282.82	56271.75781	56164.44337	56150.57422	505671.0	5408092.7
L5670.0	505671.0	5408093.8	17751.90039	317.42	77.19	48.825799	-86.922735	56278.39	56244.3	5.68	56284.07	56272.83594	56169.97859	56155.91797	505671.0	5408093.8
L5670.0	505671.1	5408095.2	17752.00000	315.73	78.93	48.825811	-86.922735	56279.46	56244.3	5.68	56285.14	56273.73438	56171.53167	56157.27734	505671.1	5408095.2
L5670.0	505671.1	5408095.9	17752.09961	317.32	78.93	48.825817	-86.922735	56280.89	56244.3	5.68	56286.58	56275.00391	56194.88147	56180.42578	505671.1	5408095.9
L5670.0	505671.1	5408095.9	17752.19922	318.57	79.16	48.825817	-86.922735	56282.20	56244.3	5.68	56287.88	56276.13281	56198.02926	56183.37109	505671.1	5408095.9
L5670.0	505671.0	5408097.9	17752.30078	318.93	75.51	48.825835	-86.922735	56283.90	56244.3	5.68	56289.59	56277.66797	56210.46386	56195.59766	505671.0	5408097.9
L5670.0	505671.0	5408099.3	17752.40039	317.87	75.51	48.825848	-86.922735	56285.16	56244.3	5.68	56290.84	56278.74609	56209.42413	56194.34766	505671.0	5408099.3
L5670.0	505671.0	5408100.6	17752.50000	318.92	75.36	48.825860	-86.922735	56286.76	56244.3	5.69	56292.45	56280.18359	56216.42639	56201.13672	505671.0	5408100.6
L5670.0	505671.0	5408102.0	17752.59961	319.62	75.43	48.825872	-86.922735	56288.04	56244.3	5.69	56293.73	56281.29297	56213.49281	56197.98438	505671.0	5408102.0
L5670.0	505671.0	5408103.1	17752.69922	319.98	74.53	48.825882	-86.922735	56289.60	56244.3	5.69	56295.28	56282.67188	56216.34855	56200.61719	505671.0	5408103.1
L5670.0	505671.0	5408103.8	17752.80078	309.39	74.53	48.825889	-86.922735	56291.06	56244.3	5.69	56296.74	56283.95703	56215.61820	56199.66016	505671.0	5408103.8
L5670.0	505671.0	5408105.1	17752.90039	310.01	76.56	48.825900	-86.922735	56292.74	56244.3	5.69	56298.43	56285.47656	56219.80561	56203.62109	505671.0	5408105.1
L5670.0	505671.0	5408105.1	17753.00000	314.35	76.07	48.825900	-86.922735	56294.65	56244.3	5.69	56300.34	56287.21484	56214.85895	56198.44531	505671.0	5408105.1
L5670.0	505671.0	5408106.5	17753.09961	315.60	76.07	48.825913	-86.922735	56296.48	56244.3	5.69	56302.17	56288.87500	56220.40368	56203.75391	505671.0	5408106.5
L5670.0	505671.0	5408107.4	17753.19922	315.24	76.82	48.825921	-86.922736	56298.11	56244.3	5.69	56303.80	56290.33594	56221.94351	56205.05859	505671.0	5408107.4
L5670.0	505671.0	5408108.7	17753.30078	314.10	76.82	48.825933	-86.922736	56299.86	56244.3	5.69	56305.55	56291.91797	56225.07074	56207.94531	505671.0	5408108.7
L5670.0	505670.9	5408110.3	17753.40039	316.27	71.85	48.825947	-86.922736	56301.56	56244.3	5.69	56307.25	56293.44922	56226.84936	56209.48438	505670.9	5408110.3
L5670.0	505670.9	5408111.3	17753.50000	321.26	70.06	48.825956	-86.922737	56303.43	56244.3	5.69	56309.12	56295.14844	56231.25820	56213.64844	505670.9	5408111.3
L5670.0	505670.9	5408112.6	17753.59961	322.25	70.06	48.825968	-86.922737	56305.27	56244.3	5.69	56310.96	56296.82422	56234.77874	56216.92188	505670.9	5408112.6
L5670.0	505670.9	5408114.0	17753.69922	321.38	72.61	48.825980	-86.922737	56307.08	56244.3	5.69	56312.77	56298.46875	56237.42763	56219.32422	505670.9	5408114.0
L5670.0	505670.9	5408114.0	17753.80078	321.50	81.11	48.825980	-86.922737	56309.09	56244.3	5.69	56314.78	56300.31250	56243.50194	56225.15234	505670.9	5408114.0
L5670.0	505670.8	5408115.4	17753.90039	322.32	81.03	48.825993	-86.922738	56311.06	56244.3	5.69	56316.75	56302.11719	56248.63492	56230.03516	505670.8	5408115.4
L5670.0	505670.8	5408116.7	17754.00000	322.85	81.03	48.826005	-86.922738	56312.98	56244.3	5.69	56318.67	56303.87891	56252.65577	56233.80469	505670.8	5408116.7
L5670.0	505670.8	5408118.0	17754.09961	322.27	80.61	48.826016	-86.922739	56314.91	56244.3	5.69	56320.60	56305.64453	56256.72440	56237.62109	505670.8	5408118.0
L5670.0	505670.7	5408119.4	17754.19922	322.73	80.76	48.826028	-86.922739	56317.14	56244.3	5.69	56322.83	56307.71875	56266.45476	56247.10156	505670.7	5408119.4
L5670.0	505670.7	5408120.7	17754.30078	322.15	81.72	48.826040	-86.922739	56319.11	56244.3	5.69	56324.80	56309.53125	56271.17726	56251.57031	505670.7	5408120.7
L5670.0	505670.7	5408120.7	17754.40039	321.49	81.07	48.826040	-86.922739	56321.09	56244.3	5.69	56326.78	56311.35547	56276.08551	56256.22656	505670.7	5408120.7
L5670.0	505670.6	5408122.5	17754.50000	321.49	81.07	48.826057	-86.922740	56322.88	56244.3	5.69	56328.57	56312.99219	56277.34790	56257.23828	505670.6	5408122.5
L5670.0	505670.6	5408122.5	17754.59961	319.76	80.25	48.826057	-86.922740	56324.70	56244.3	5.70	56330.39	56314.66016	56279.27570	56258.91406	505670.6	5408122.5
L5670.0	505670.6	5408123.9	17754.69922	318.24	81.61	48.826069	-86.922740	56326.58	56244.3	5.70	56332.28	56316.40234	56282.69002	56262.07813	505670.6	5408123.9
L5670.0	505670.6	5408125.2	17754.80078	319.32	81.58	48.826081	-86.922741	56328.54	56244.3	5.70	56334.24	56318.21484	56287.61167	56266.75000	505670.6	5408125.2

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5670.0	505670.6	5408127.1	17754.90039	318.06	81.9	48.826098	-86.922741	56330.56	56244.3	5.70	56336.26	56320.08984	56293.84552	56272.73828	505670.6	5408127.1
L5670.0	505670.6	5408127.1	17755.00000	320.41	81.47	48.826098	-86.922741	56332.68	56244.3	5.70	56338.38	56322.07031	56302.14063	56280.78906	505670.6	5408127.1
L5670.0	505670.6	5408128.5	17755.09961	320.00	81.47	48.826110	-86.922741	56334.85	56244.3	5.70	56340.55	56324.10156	56311.52074	56289.92578	505670.6	5408128.5
L5670.0	505670.6	5408130.6	17755.19922	321.27	79.77	48.826129	-86.922741	56337.04	56244.3	5.70	56342.74	56326.15234	56321.40638	56299.57031	505670.6	5408130.6
L5670.0	505670.6	5408130.6	17755.30078	321.17	80.47	48.826129	-86.922741	56338.93	56244.3	5.70	56344.63	56327.91016	56325.92923	56303.85547	505670.6	5408130.6
L5670.0	505670.6	5408131.9	17755.40039	321.60	80.47	48.826142	-86.922740	56341.02	56244.3	5.70	56346.72	56329.87109	56334.37079	56312.05859	505670.6	5408131.9
L5670.0	505670.6	5408133.0	17755.50000	315.82	79.41	48.826151	-86.922740	56342.68	56244.3	5.70	56348.38	56331.40234	56335.34385	56312.80078	505670.6	5408133.0
L5670.0	505670.6	5408134.5	17755.59961	316.23	79.41	48.826165	-86.922740	56344.64	56244.3	5.70	56350.34	56333.23828	56342.08227	56319.31250	505670.6	5408134.5
L5670.0	505670.6	5408135.4	17755.69922	318.28	77.08	48.826173	-86.922740	56346.44	56244.3	5.70	56352.14	56334.91797	56346.37803	56323.38281	505670.6	5408135.4
L5670.0	505670.6	5408136.9	17755.80078	322.47	78.01	48.826186	-86.922740	56348.42	56244.3	5.70	56354.12	56336.78125	56354.24632	56331.02734	505670.6	5408136.9
L5670.0	505670.6	5408138.1	17755.90039	322.36	78.01	48.826197	-86.922740	56350.42	56244.3	5.70	56356.12	56338.66797	56362.88159	56339.44922	505670.6	5408138.1
L5670.0	505670.7	5408139.4	17756.00000	320.22	76.76	48.826209	-86.922739	56352.15	56244.3	5.70	56357.85	56340.28906	56361.82947	56338.18359	505670.7	5408139.4
L5670.0	505670.7	5408140.4	17756.09961	315.63	76.37	48.826218	-86.922739	56353.81	56244.3	5.70	56359.51	56341.84375	56365.18727	56341.33594	505670.7	5408140.4
L5670.0	505670.7	5408141.3	17756.19922	315.43	67.11	48.826226	-86.922739	56355.29	56244.3	5.70	56360.99	56343.21875	56364.98229	56340.92969	505670.7	5408141.3
L5670.0	505670.7	5408142.5	17756.30078	321.67	67.11	48.826237	-86.922739	56356.77	56244.3	5.70	56362.47	56344.60156	56366.01361	56341.76563	505670.7	5408142.5
L5670.0	505670.7	5408144.1	17756.40039	316.11	68.24	48.826251	-86.922739	56358.05	56244.3	5.70	56363.75	56345.78906	56363.22155	56338.78125	505670.7	5408144.1
L5670.0	505670.7	5408144.1	17756.50000	315.18	75.2	48.826251	-86.922739	56359.63	56244.3	5.70	56365.33	56347.27734	56369.40735	56344.78125	505670.7	5408144.1
L5670.0	505670.7	5408145.9	17756.59961	314.39	75.2	48.826268	-86.922739	56361.11	56244.3	5.71	56366.82	56348.67969	56374.64288	56349.83984	505670.7	5408145.9
L5670.0	505670.7	5408146.8	17756.69922	315.32	68.19	48.826276	-86.922739	56362.38	56244.3	5.71	56368.09	56349.87109	56375.78568	56350.81250	505670.7	5408146.8
L5670.0	505670.7	5408148.3	17756.80078	322.28	66.73	48.826289	-86.922738	56363.68	56244.3	5.71	56369.39	56351.09375	56379.16662	56354.02734	505670.7	5408148.3
L5670.0	505670.7	5408149.4	17756.90039	316.34	66.73	48.826299	-86.922738	56364.91	56244.3	5.71	56370.62	56352.25000	56382.34687	56357.05078	505670.7	5408149.4
L5670.0	505670.7	5408150.7	17757.00000	315.88	61.69	48.826311	-86.922738	56366.18	56244.3	5.71	56371.89	56353.45313	56388.06812	56362.61719	505670.7	5408150.7
L5670.0	505670.8	5408151.7	17757.09961	315.55	63.11	48.826319	-86.922738	56367.26	56244.3	5.71	56372.97	56354.46875	56390.77269	56365.17969	505670.8	5408151.7
L5670.0	505670.8	5408152.6	17757.19922	316.75	68.05	48.826328	-86.922738	56368.33	56244.3	5.71	56374.04	56355.48047	56394.89919	56369.16797	505670.8	5408152.6
L5670.0	505670.8	5408154.4	17757.30078	316.26	68.05	48.826344	-86.922738	56369.22	56244.3	5.71	56374.94	56356.32422	56396.64912	56370.78906	505670.8	5408154.4
L5670.0	505670.8	5408154.4	17757.40039	315.59	66.41	48.826344	-86.922738	56370.12	56244.3	5.71	56375.83	56357.16797	56399.90896	56373.92969	505670.8	5408154.4
L5670.0	505670.7	5408156.3	17757.50000	315.49	66.41	48.826360	-86.922738	56370.75	56244.3	5.71	56376.46	56357.75000	56398.79945	56372.70703	505670.7	5408156.3
L5670.0	505670.7	5408157.6	17757.59961	315.46	59.88	48.826373	-86.922739	56371.34	56244.3	5.72	56377.06	56358.31250	56398.82851	56372.62891	505670.7	5408157.6
L5670.0	505670.7	5408159.0	17757.69922	307.98	59.88	48.826385	-86.922739	56371.85	56244.3	5.72	56377.57	56358.78906	56398.61204	56372.31641	505670.7	5408159.0
L5670.0	505670.7	5408159.0	17757.80078	308.38	60.65	48.826385	-86.922739	56372.59	56244.3	5.72	56378.31	56359.49609	56405.59570	56379.21094	505670.7	5408159.0
L5670.0	505670.6	5408160.4	17757.90039	313.76	60.65	48.826397	-86.922739	56373.20	56244.3	5.72	56378.92	56360.08203	56411.39748	56384.93359	505670.6	5408160.4
L5670.0	505670.6	5408161.7	17758.00000	314.77	62.58	48.826409	-86.922740	56373.71	56244.3	5.72	56379.43	56360.57422	56416.74877	56390.21484	505670.6	5408161.7
L5670.0	505670.6	5408162.8	17758.09961	314.60	62.58	48.826420	-86.922740	56373.66	56244.3	5.72	56379.38	56360.50781	56411.17748	56384.58203	505670.6	5408162.8
L5670.0	505670.5	5408164.2	17758.19922	314.01	66.55	48.826432	-86.922741	56373.41	56244.3	5.72	56379.13	56360.24609	56403.02733	56376.37891	505670.5	5408164.2
L5670.0	505670.5	5408164.2	17758.30078	313.47	64.33	48.826432	-86.922741	56373.16	56244.3	5.72	56378.88	56359.99219	56396.85452	56370.16016	505670.5	5408164.2
L5670.0	505670.5	5408165.8	17758.40039	313.17	66.04	48.826446	-86.922741	56373.28	56244.3	5.72	56379.00	56360.11328	56400.98770	56374.25781	505670.5	5408165.8
L5670.0	505670.5	5408166.9	17758.50000	312.68	66.04	48.826456	-86.922742	56373.13	56244.3	5.72	56378.85	56359.96875	56400.92058	56374.16406	505670.5	5408166.9
L5670.0	505670.4	5408168.4	17758.59961	312.49	58.44	48.826470	-86.922742	56372.97	56244.3	5.72	56378.69	56359.82031	56402.52502	56375.75391	505670.4	5408168.4
L5670.0	505670.4	5408168.4	17758.69922	313.39	58.44	48.826470	-86.922742	56372.72	56244.3	5.72	56378.44	56359.58594	56403.98873	56377.20703	505670.4	5408168.4
L5670.0	505670.4	5408169.8	17758.80078	309.59	55.24	48.826482	-86.922743	56372.44	56244.3	5.72	56378.16	56359.32422	56406.65107	56379.87109	505670.4	5408169.8
L5670.0	505670.3	5408171.4	17758.90039	308.55	76.64	48.826496	-86.922743	56371.88	56244.3	5.72	56377.60	56358.78906	56404.87831	56378.10938	505670.3	5408171.4
L5670.0	505670.3	5408172.7	17759.00000	314.49	76.64	48.826508	-86.922744	56371.16	56244.3	5.72	56376.88	56358.10156	56401.34358	56374.59375	505670.3	5408172.7
L5670.0	505670.3	5408174.0	17759.09961	314.92	77.35	48.826520	-86.922744	56370.53	56244.3	5.73	56376.25	56357.50781	56401.63513	56374.91406	505670.3	5408174.0
L5670.0	505670.3	5408175.1	17759.19922	313.62	77.35	48.826530	-86.922745	56370.02	56244.3	5.73	56375.75	56357.04688	56406.62944	56379.94922	505670.3	5408175.1
L5670.0	505670.2	5408176.3	17759.30078	309.81	77.52	48.826541	-86.922745	56368.92	56244.3	5.74	56374.66	56356.00391	56400.10666	56373.47266	505670.2	5408176.3
L5670.0	505670.2	5408176.3	17759.40039	309.24	73.3	48.826541	-86.922745	56367.97	56244.3	5.74	56373.72	56355.11328	56398.66861	56372.09375	505670.2	5408176.3
L5670.0	505670.2	5408177.6	17759.50000	315.17	73.3	48.826552	-86.922745	56367.00	56244.3	5.75	56372.75	56354.19922	56398.23528	56371.72656	505670.2	5408177.6
L5670.0	505670.2	5408178.9	17759.59961	315.91	71.9	48.826564	-86.922745	56366.11	56244.2	5.76	56371.86	56353.36719	56401.25295	56374.82031	505670.2	5408178.9
L5670.0	505670.2	5408179.9	17759.69922	315.84	74.49	48.826573	-86.922746	56364.91	56244.2	5.76	56370.67	56352.24219	56399.11784	56372.76953	505670.2	5408179.9
L5670.0	505670.1	5408181.0	17759.80078	316.30	76.17	48.826583	-86.922746	56363.89	56244.2	5.77	56369.65	56351.29297	56402.39289	56376.13672	505670.1	5408181.0
L5670.0	505670.1	5408182.5	17759.90039	314.30	76.17	48.826597	-86.922747	56362.36	56244.2	5.77	56368.13	56349.84766	56395.91340	56369.76172	505670.1	5408182.5
L5670.0	505670.1	5408183.7	17760.00000	314.98	64.67	48.826607	-86.922747	56360.88	56244.2	5.78	56366.66	56348.45703	56392.05005	56366.01172	505670.1	5408183.7
L5670.0	505670.1	5408185.0	17760.09961	314.80	67.3	48.826619	-86.922747	56359.09	56244.2	5.78	56364.86	56346.73828	56382.16912	56356.25000	505670.1	5408185.0
L5670.0	505670.1	5408185.0	17760.19922	314.92	67.3	48.826619	-86.922747	56357.31	56244.2	5.77	56363.07	56345.03906	56373.91158	56348.12500	505670.1	5408185.0
L5670.0	505670.0	5408186.2	17760.30078	313.36	71.06	48.826629	-86.922748	56355.24	56244.2	5.76	56361.00	56343.05859	56360.65975	56335.01172	505670.0	5408186.2
L5670.0	505670.0	5408187.9	17760.40039	314.62	71.06	48.826645	-86.922748	56353.66	56244.2	5.76	56359.42	56341.57813	56359.82955	56334.32813	505670.0	5408187.9
L5670.0	505670.0	5408189.0	17760.50000	312.78	72.49	48.826655	-86.922748	56352.22	56244.2	5.76	56357.98	56340.23828	56363.46270	56338.11719	505670.0	5408189.0
L5670.0	505670.0	5408190.3	17760.59961	312.85	73.41	48.826667	-86.922748	56350.80	56244.3	5.75	56356.55	56338.91406	56368.57061	56343.39063	505670.0	5408190.3
L5670.0	505670.0	5408191.4	17760.69922	313.95	75.64	48.826677	-86.922748	56349.04	56244.3	5.75	56354.78	56337.25391	56367.14169	56342.13281	505670.0	5408191.4
L5670.0	505670.0	5408192.5	17760.80078	314.74	70	48.826687	-86.922748	56347.38	56244.3	5.74	56353.12	56335.70703	56369.36556	56344.53906	505670.0	5408192.5
L5670.0	505670.0	5408192.5	17760.90039	312.87	70	48.826687	-86.922748	56345.31	56244.3	5.74	56351.05	56333.75391	56363.34381	56338.70703	505670.0	5408192.5
L5670.0	505670.0	5408194.1	17761.00000	313.77	76.3	48.826701	-86.922748	56343.37	56244.3	5.73	56349.10	56331.92578	56361.10685	56336.66797	505670.0	5408194.1
L5670.0	505670.0	5408195.2	17761.09961	307.94	76.3	48.826710	-86.922748	56341.20	56244.3	5.73	56346.93	56329.88281	56354.85017	56330.61719	505670.0	5408195.2
L5670.0	505670.0	5408196.5	17761.19922	310.42	77.31	48.826723	-86.922748	56339.21	56244.3	5.73	56344.95	56328.03125	56353.88778	56329.86719	505670.0	5408196.5
L5670.0	505670.0	5408197.5	17761.30078	310.66	77.31	48.826731	-86.922748	56336.91	56244.3	5.73	56342.65	56325.86328	56346.51907	56322.71875	505670.0	5408197.5
L5670.0	505669.9	5408198.8	17761.40039	311.22	72.77	48.826743	-86.922748	56334.82	56244.3	5.73	56340.55	56323.90234	56344.57911	56321.00781	505669.9	5408198.8
L5670.0	505669.9	5408198.8	17761.50000	315.94	62.7	48.826743	-86.922748	56332.47	56244.3	5.74	56338.20	56321.69141	56337.73315	56314.39453	505669.9	5408198.8
L5670.0	505669.9	5408200.3	17761.59961	316.86	63.67	48.826757	-86.922748	56330.31	56244.3	5.74	56336.04	56319.67578	56335.98913	56312.89453	505669.9	5408200.3
L5670.0	505669.9	5408201.7	17761.69922	317.19	63.67	48.826769	-86.922749	56327.98	56244.3	5.74	56333.71	56317.49219	56331.07074	56308.22656	505669.9	5408201.7
L5670.0	505669.9	5408203.1	17761.80078	318.32	75.09	48.826781	-86.922749	56325.74	56244.3	5.74	56331.48	56315.41016	56329.09161	56306.50391	505669.9	5408203.1
L5670.0	505669.9	5408204.2	17761.90039	320.05	76.35	48.826791	-86.922749	56323.28	56244.3	5.74	56329.02	56313.10547	56322.48049	56300.15625	505669.9	5408204.2
L5670.0	505669.9	5408204.2	17762.00000	318.32	76.75	48.826791	-86.922749	56320.81	56244.3	5.74	56326.55	56310.79297	56316.20865	56294.15625	505669.9	5408204.2
L5670.0	505669.9	5408205.8	17762.09961	315.65	76.75	48.826806	-86.922749	56318.31	56244.3	5.74	56324.05	56308.44922	56309.77264	56287.99609	505669.9	5408205.8
L5670.0	505669.9	5408206.7	17762.19922	315.12	77.06	48.826814	-86.922749	56315.89	56244.3	5.75	56321.63	56306.19141	56305.60686	56284.11328	505669.9	5408206.7
L5670.0	505669.9	5408208.0	17762.30078	314.67	74.49	48.826826	-86.922749	56313.43	56244.3	5.75	56319.18	56303.90625	56301.16530	56279.96094	505669.9	5408208.0
L5670.0	505669.8	5408209.4	17762.40039	314.29	74.49	48.826838	-86.922750	56311.06	56244.2	5.75	56316.82	56301.71484	56299.09231	56278.17969	505669.8	5408209.4
L5670.0	505669.8	5408210.8	17762.50000	313.39	74.21	48.826851	-86.922750	56308.61	56244.2	5.75	56314.37	56299.43359	56295.29311	56274.68359	505669.8	5408210.8
L5670.0	505669.8	5408212.4	17762.59961	314.23	66.83	48.826865	-86.922750	56306.01	56244.2	5.76	56311.77	56297.00781	56288.40103	56268.09766	505669.8	5408212.4
L5670.0	505669.8	5408213.1	17762.69922	313.15	66.83	48.826871	-86.922751	56303.53	56244.2	5.76	56309.29	56294.70313	56284.39192	56264.40234	505669.8	5408213.1
L5670.0	505669.8	5408214.5	17762.80078	314.07	76.17	48.826884	-86.922751	56301.21	56244.2	5.76	56306.98	56292.56641	56284.28704	56264.61328	505669.8	5408214.5
L5670.0	505669.8	5408214.5	17762.90039	307.79	71.08	48.826884	-86.922751	56298.81	56244.2	5.77	56304.58	56290.34766	56282.27352	56262.92188	505669.8	5408214.5
L5670.0	505669.8	5408215.6	17763.00000	308.59	67.65	48.826894	-86.922751	56296.36	56244.2	5.77	56302.13	56288.07813	56279.20565	56260.17969	505669.8	5408215.6
L5670.0	505669.8	5408216.9	17763.09961	314.48	67.65	48.826906	-86.922751	56294.02	56244.2	5.77	56299.79	56285.92188	56278.54178	56259.85156	505669.8	5408216.9
L5670.0	505669.8	5408218.1	17763.19922	314.04	67.83	48.826916	-86.922751	56291.66	56244.2	5.77	56297.44	56283.75781	56277.61050	56259.25781	505669.8	5408218.1
L5670.0	505669.8	5408219.4	17763.30078	316.31	66.77	48.826928	-86.922751	56289.49	56244.2	5.78	56295.27	56281.77344	56280.49848	56262.48828	505669.8	5408219.4
L5670.0	505669.8	5408221.0	17763.40039	315.74	65.69	48.826943	-86.922751	56287.05	56244.2	5.78	56292.83	56279.52344	56277.42382	56259.75781	505669.8	5408221.0
L5670.0	505669.8	5408221.0	17763.50000	315.77	65.94	48.826943	-86.922751	56284.74	56244.2	5.78	56290.52	56277.40234	56277.02798	56259.71484	505669.8	5408221.0
L5670.0	505669.8	5408222.3	17763.59961	317.34	70.49	48.826955	-86.922751	56282.30	56244.2	5.78	56288.08	56275.15625	56273.68083	56256.72266	505669.8	5408222.3
L5670.0	505669.8	5408223.9	17763.69922	309.05	70.49	48.826969	-86.922751	56279.70	56244.2	5.78	56285.48	56272.75000	56266.74477	56250.14844	505669.8	5408223.9
L5670.0	505669.8	5408224.8	17763.80078	308.92	68.74	48.826977	-86.922751	56277.25	56244.2	5.79	56283.03	56270.49219	56262.85588	56246.62109	505669.8	5408224.8
L5670.0	505669.8	5408225.9	17763.90039	315.71	70.97	48.826987	-86.922751	56274.85	56244.2	5.79	56280.64	56268.29688	56260.05791	56244.19141	505669.8	5408225.9
L5670.0	505669.7	5408227.3	17764.00000	310.01	70.97	48.827000	-86.922751	56272.14	56244.2	5.79	56277.93	56265.78516	56250.26413	56234.76953	505669.7	5408227.3
L5670.0	505669.7	5408228.9	17764.09961	309.26	79.29	48.827014	-86.922751	56269.82	56244.2	5.79	56275.61	56263.66406	56248.55352	56233.43359	505669.7	5408228.9

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5670.0	505669.7	5408228.9	17764.19922	317.55	79.81	48.827014	-86.922751	56267.29	56244.2	5.79	56273.08	56261.33203	56242.18814	56227.44531	505669.7	5408228.9
L5670.0	505669.7	5408230.1	17764.30078	317.30	79.81	48.827025	-86.922751	56265.00	56244.2	5.79	56270.79	56259.24219	56240.66965	56226.31250	505669.7	5408230.1
L5670.0	505669.7	5408231.4	17764.40039	317.91	79.42	48.827036	-86.922751	56262.42	56244.2	5.79	56268.21	56256.86328	56232.84950	56218.87500	505669.7	5408231.4
L5670.0	505669.7	5408232.5	17764.50000	316.38	69.86	48.827046	-86.922752	56260.18	56244.2	5.79	56265.97	56254.82813	56231.94123	56218.35547	505669.7	5408232.5
L5670.0	505669.6	5408233.8	17764.59961	310.76	76.61	48.827058	-86.922752	56257.67	56244.2	5.80	56263.47	56252.53125	56225.39532	56212.20313	505669.6	5408233.8
L5670.0	505669.6	5408235.2	17764.69922	310.24	76.61	48.827071	-86.922753	56255.45	56244.2	5.80	56261.24	56250.50391	56224.26071	56211.46484	505669.6	5408235.2
L5670.0	505669.6	5408236.4	17764.80078	313.57	79.16	48.827081	-86.922753	56253.08	56244.2	5.80	56258.88	56248.34766	56220.20739	56207.80859	505669.6	5408236.4
L5670.0	505669.6	5408237.5	17764.90039	311.89	79.16	48.827092	-86.922753	56250.98	56244.2	5.80	56256.78	56246.45313	56221.31821	56209.32031	505669.6	5408237.5
L5670.0	505669.6	5408237.5	17765.00000	311.99	84.23	48.827092	-86.922753	56248.59	56244.2	5.80	56254.39	56244.26563	56216.21731	56204.62500	505669.6	5408237.5
L5670.0	505669.6	5408239.1	17765.09961	312.50	84.23	48.827106	-86.922753	56246.29	56244.2	5.81	56252.09	56242.17188	56212.76624	56201.58203	505669.6	5408239.1
L5670.0	505669.5	5408240.5	17765.19922	313.01	84.25	48.827118	-86.922753	56243.81	56244.2	5.81	56249.62	56239.90625	56205.58390	56194.80859	505669.5	5408240.5
L5670.0	505669.5	5408241.9	17765.30078	312.98	83.23	48.827130	-86.922753	56241.73	56244.2	5.82	56247.54	56238.03516	56206.28523	56195.92188	505669.5	5408241.9
L5670.0	505669.6	5408243.2	17765.40039	310.49	75.41	48.827143	-86.922753	56239.56	56244.2	5.82	56245.38	56236.07813	56205.16363	56195.21484	505669.6	5408243.2
L5670.0	505669.6	5408243.2	17765.50000	310.78	76	48.827143	-86.922753	56237.64	56244.2	5.82	56243.47	56234.37500	56209.14093	56199.60938	505669.6	5408243.2
L5670.0	505669.6	5408245.0	17765.59961	312.01	76	48.827159	-86.922753	56235.41	56244.2	5.83	56241.24	56232.35156	56206.30352	56197.19141	505669.6	5408245.0
L5670.0	505669.6	5408245.7	17765.69922	315.96	74.41	48.827165	-86.922753	56233.43	56244.2	5.83	56239.26	56230.57813	56208.65023	56199.96094	505669.6	5408245.7
L5670.0	505669.6	5408247.1	17765.80078	316.59	74.41	48.827178	-86.922753	56231.20	56244.2	5.84	56237.04	56228.56641	56205.83205	56197.56641	505669.6	5408247.1
L5670.0	505669.6	5408248.4	17765.90039	316.79	77.78	48.827190	-86.922752	56229.31	56244.2	5.85	56235.15	56226.88281	56210.01476	56202.17188	505669.6	5408248.4
L5670.0	505669.6	5408250.0	17766.00000	315.51	65.99	48.827204	-86.922752	56227.02	56244.2	5.85	56232.87	56224.80859	56205.76463	56198.35156	505669.6	5408250.0
L5670.0	505669.6	5408250.0	17766.09961	310.38	66.53	48.827204	-86.922752	56224.78	56244.2	5.85	56230.63	56222.77344	56202.28687	56195.30078	505669.6	5408250.0
L5670.0	505669.6	5408251.4	17766.19922	311.63	66.53	48.827216	-86.922752	56222.48	56244.2	5.85	56228.33	56220.67969	56197.40694	56190.85156	505669.6	5408251.4
L5670.0	505669.7	5408252.3	17766.30078	310.77	58.43	48.827224	-86.922752	56220.18	56244.2	5.85	56226.03	56218.58203	56192.42388	56186.30078	505669.7	5408252.3
L5670.0	505669.7	5408253.6	17766.40039	316.77	60.81	48.827236	-86.922751	56218.06	56244.2	5.85	56223.91	56216.66797	56191.35425	56185.66016	505669.7	5408253.6
L5670.0	505669.7	5408255.0	17766.50000	315.09	60.81	48.827248	-86.922751	56216.00	56244.2	5.85	56221.85	56214.81250	56191.59678	56186.33594	505669.7	5408255.0
L5670.0	505669.7	5408256.1	17766.59961	314.87	64.91	48.827259	-86.922751	56213.84	56244.2	5.85	56219.69	56212.85547	56189.56089	56184.73438	505669.7	5408256.1
L5670.0	505669.7	5408256.1	17766.69922	314.88	74.2	48.827259	-86.922751	56211.73	56244.2	5.85	56217.58	56210.94922	56188.61728	56184.22656	505669.7	5408256.1
L5670.0	505669.7	5408257.6	17766.80078	315.34	77.3	48.827272	-86.922751	56209.63	56244.2	5.85	56215.47	56209.04297	56187.63677	56183.67969	505669.7	5408257.6
L5670.0	505669.8	5408259.2	17766.90039	314.86	78.76	48.827286	-86.922750	56207.61	56244.2	5.85	56213.46	56207.23438	56188.93032	56185.40625	505669.8	5408259.2
L5670.0	505669.8	5408260.1	17767.00000	310.39	78.76	48.827295	-86.922750	56205.37	56244.2	5.85	56211.22	56205.19531	56184.83418	56181.74219	505669.8	5408260.1
L5670.0	505669.8	5408261.5	17767.09961	313.00	82.84	48.827307	-86.922749	56203.08	56244.2	5.85	56208.93	56203.10547	56179.44787	56176.78906	505669.8	5408261.5
L5670.0	505669.8	5408262.9	17767.19922	312.59	82.73	48.827319	-86.922749	56200.67	56244.2	5.85	56206.52	56200.89453	56171.06984	56168.84375	505669.8	5408262.9
L5670.0	505669.8	5408262.9	17767.30078	317.04	82.73	48.827319	-86.922749	56198.36	56244.2	5.85	56204.21	56198.78125	56164.87140	56163.07422	505669.8	5408262.9
L5670.0	505669.8	5408264.9	17767.40039	314.77	78.06	48.827338	-86.922749	56196.07	56244.2	5.85	56201.92	56196.68750	56158.95679	56157.58594	505669.8	5408264.9
L5670.0	505669.8	5408265.6	17767.50000	313.73	76.21	48.827344	-86.922749	56193.96	56244.2	5.85	56199.81	56194.77344	56157.21523	56156.26953	505669.8	5408265.6
L5670.0	505669.9	5408266.8	17767.59961	316.19	76.21	48.827354	-86.922749	56191.87	56244.2	5.85	56197.72	56192.87891	56155.81290	56155.29297	505669.9	5408266.8
L5670.0	505669.8	5408268.4	17767.69922	316.42	65.47	48.827369	-86.922749	56189.58	56244.2	5.85	56195.43	56190.78125	56149.26197	56149.16406	505669.8	5408268.4
L5670.0	505669.8	5408269.8	17767.80078	315.69	69.86	48.827381	-86.922749	56187.28	56244.2	5.85	56193.13	56188.67188	56142.15300	56142.47266	505669.8	5408269.8
L5670.0	505669.8	5408269.8	17767.90039	315.16	65.46	48.827381	-86.922749	56185.04	56244.2	5.85	56190.89	56186.62500	56136.22992	56136.96094	505669.8	5408269.8
L5670.0	505669.8	5408271.2	17768.00000	315.44	65.42	48.827394	-86.922749	56183.25	56244.2	5.85	56189.10	56185.01953	56141.57788	56142.71875	505669.8	5408271.2
L5670.0	505669.8	5408272.5	17768.09961	315.28	65.42	48.827406	-86.922749	56180.92	56244.1	5.86	56186.77	56182.87891	56132.72742	56134.27344	505669.8	5408272.5
L5670.0	505669.8	5408273.8	17768.19922	314.67	73.12	48.827418	-86.922750	56178.68	56244.1	5.86	56184.54	56180.83203	56126.05781	56128.00391	505669.8	5408273.8
L5670.0	505669.8	5408273.8	17768.30078	320.72	68.8	48.827418	-86.922750	56176.39	56244.1	5.87	56182.26	56178.73438	56108.29419	56110.63672	505669.8	5408273.8
L5670.0	505669.7	5408276.5	17768.40039	320.19	68.8	48.827442	-86.922750	56174.27	56244.1	5.87	56180.14	56176.79688	56102.09775	56104.82813	505669.7	5408276.5
L5670.0	505669.7	5408276.5	17768.50000	320.19	71.24	48.827442	-86.922750	56172.02	56244.1	5.88	56177.90	56174.73438	56093.63274	56096.74609	505669.7	5408276.5
L5670.0	505669.7	5408277.8	17768.59961	310.19	77.3	48.827454	-86.922751	56170.04	56244.1	5.89	56175.92	56172.92969	56089.62533	56093.11328	505669.7	5408277.8
L5670.0	505669.7	5408279.0	17768.69922	308.72	77.3	48.827465	-86.922751	56167.88	56244.1	5.89	56173.77	56170.95703	56082.51523	56086.37109	505669.7	5408279.0
L5670.0	505669.7	5408280.3	17768.80078	317.55	71.81	48.827477	-86.922751	56165.90	56244.1	5.90	56171.80	56169.15625	56078.58468	56082.80078	505669.7	5408280.3
L5670.0	505669.6	5408281.7	17768.90039	320.13	70.31	48.827488	-86.922752	56163.99	56244.1	5.90	56169.90	56167.42578	56075.92971	56080.49609	505669.6	5408281.7
L5670.0	505669.6	5408283.2	17769.00000	321.19	71.82	48.827502	-86.922752	56162.21	56244.1	5.91	56168.13	56165.82031	56075.68411	56080.59375	505669.6	5408283.2
L5670.0	505669.6	5408283.2	17769.09961	320.15	72.57	48.827502	-86.922752	56160.35	56244.1	5.91	56166.26	56164.11719	56073.62141	56078.86328	505669.6	5408283.2
L5670.0	505669.6	5408284.6	17769.19922	319.92	72.57	48.827515	-86.922752	56158.62	56244.1	5.91	56164.53	56162.54688	56074.15934	56079.72266	505669.6	5408284.6
L5670.0	505669.6	5408285.4	17769.30078	322.23	68.96	48.827522	-86.922752	56156.74	56244.1	5.91	56162.65	56160.82422	56071.88942	56077.76563	505669.6	5408285.4
L5670.0	505669.6	5408286.7	17769.40039	320.81	68.69	48.827534	-86.922752	56154.88	56244.1	5.91	56160.79	56159.11719	56069.95198	56076.12500	505669.6	5408286.7
L5670.0	505669.6	5408288.1	17769.50000	320.89	68.69	48.827546	-86.922753	56152.93	56244.1	5.92	56158.84	56157.32031	56066.27463	56072.73438	505669.6	5408288.1
L5670.0	505669.5	5408289.6	17769.59961	320.52	69.15	48.827560	-86.922753	56151.13	56244.1	5.92	56157.04	56155.66406	56065.33942	56072.07422	505669.5	5408289.6
L5670.0	505669.5	5408289.6	17769.69922	316.77	71.36	48.827560	-86.922753	56149.00	56244.1	5.92	56154.92	56153.69141	56058.28445	56065.27734	505669.5	5408289.6
L5670.0	505669.5	5408291.8	17769.80078	317.64	71.36	48.827580	-86.922753	56147.43	56244.1	5.92	56153.34	56152.25000	56061.24013	56068.48047	505669.5	5408291.8
L5670.0	505669.5	5408291.8	17769.90039	319.41	75.76	48.827580	-86.922753	56145.96	56244.1	5.92	56151.88	56150.92578	56066.26917	56073.73828	505669.5	5408291.8
L5670.0	505669.5	5408293.4	17770.00000	317.72	75.03	48.827594	-86.922753	56144.39	56244.1	5.92	56150.31	56149.48828	56069.01409	56076.69531	505669.5	5408293.4
L5670.0	505669.5	5408294.7	17770.09961	307.33	63.23	48.827606	-86.922753	56142.68	56244.1	5.92	56148.60	56147.90625	56068.88264	56076.76172	505669.5	5408294.7
L5670.0	505669.5	5408295.9	17770.19922	309.14	63.23	48.827617	-86.922753	56141.04	56244.1	5.92	56146.96	56146.39063	56069.79884	56077.85938	505669.5	5408295.9
L5670.0	505669.5	5408296.5	17770.30078	320.67	65.36	48.827622	-86.922753	56139.34	56244.1	5.92	56145.26	56144.81250	56069.30593	56077.52734	505669.5	5408296.5
L5670.0	505669.5	5408297.9	17770.40039	320.23	67.34	48.827634	-86.922753	56137.85	56244.1	5.92	56143.77	56143.43750	56072.42570	56080.78906	505669.5	5408297.9
L5670.0	505669.5	5408299.2	17770.50000	320.68	67.34	48.827647	-86.922753	56136.38	56244.1	5.93	56142.30	56142.08203	56075.54842	56084.03516	505669.5	5408299.2
L5670.0	505669.5	5408299.2	17770.59961	320.33	68.42	48.827647	-86.922753	56134.61	56244.1	5.93	56140.54	56140.42578	56072.88924	56081.47656	505669.5	5408299.2
L5670.0	505669.5	5408301.0	17770.69922	318.73	56.12	48.827662	-86.922753	56132.97	56244.1	5.93	56138.90	56138.89063	56072.05636	56080.72656	505669.5	5408301.0
L5670.0	505669.5	5408302.1	17770.80078	317.81	56.39	48.827673	-86.922753	56131.70	56244.1	5.93	56137.63	56137.71875	56077.60901	56086.33984	505669.5	5408302.1
L5670.0	505669.5	5408303.3	17770.90039	317.88	56.39	48.827683	-86.922753	56130.03	56244.1	5.93	56135.96	56136.14063	56075.33856	56084.10547	505669.5	5408303.3
L5670.0	505669.5	5408304.8	17771.00000	318.93	62.77	48.827697	-86.922753	56128.48	56244.1	5.93	56134.41	56134.67969	56074.81033	56083.58984	505669.5	5408304.8
L5670.0	505669.5	5408306.2	17771.09961	311.34	54.22	48.827709	-86.922754	56127.02	56244.1	5.93	56132.96	56133.31250	56075.58449	56084.35547	505669.5	5408306.2
L5670.0	505669.4	5408307.6	17771.19922	311.66	56.04	48.827721	-86.922754	56125.66	56244.1	5.94	56131.59	56132.02344	56077.24089	56085.98047	505669.4	5408307.6
L5670.0	505669.4	5408307.6	17771.30078	323.13	54.37	48.827721	-86.922754	56124.31	56244.1	5.94	56130.25	56130.75781	56078.84102	56087.51953	505669.4	5408307.6
L5670.0	505669.4	5408308.7	17771.40039	321.27	52.18	48.827732	-86.922754	56122.95	56244.1	5.94	56128.89	56129.46484	56079.49039	56088.08203	505669.4	5408308.7
L5670.0	505669.4	5408309.8	17771.50000	321.49	52.18	48.827742	-86.922754	56121.66	56244.1	5.94	56127.61	56128.25000	56080.91207	56089.39063	505669.4	5408309.8
L5670.0	505669.4	5408311.0	17771.59961	321.08	51.61	48.827753	-86.922754	56120.27	56244.1	5.95	56126.21	56126.91016	56060.11917	56068.46094	505669.4	5408311.0
L5670.0	505669.4	5408312.1	17771.69922	322.50	53.19	48.827762	-86.922754	56119.00	56244	5.95	56124.95	56125.70313	56060.86751	56069.04688	505669.4	5408312.1
L5670.0	505669.4	5408313.6	17771.80078	323.15	53.63	48.827776	-86.922754	56117.62	56244	5.95	56123.57	56124.37500	56058.17107	56066.15625	505669.4	5408313.6
L5670.0	505669.4	5408314.7	17771.90039	323.15	53.63	48.827786	-86.922754	56116.32	56244	5.96	56122.28	56123.12891	56057.44539	56065.20703	505669.4	5408314.7
L5670.0	505669.4	5408314.7	17772.00000	311.86	48.2	48.827786	-86.922754	56115.16	56244	5.96	56121.12	56122.00781	56059.53593	56067.04688	505669.4	5408314.7
L5670.0	505669.4	5408316.3	17772.09961	313.02	48.2	48.827800	-86.922755	56113.94	56244	5.96	56119.90	56120.82031	56059.72922	56066.96094	505669.4	5408316.3
L5670.0	505669.4	5408317.6	17772.19922	311.96	52.55	48.827812	-86.922755	56112.80	56244	5.97	56118.77	56119.71875	56061.58226	56068.50781	505669.4	5408317.6
L5670.0	505669.4	5408319.1	17772.30078	312.96	49.59	48.827825	-86.922755	56111.68	56244	5.97	56117.65	56118.62500	56063.12764	56069.71094	505669.4	5408319.1
L5670.0	505669.4	5408319.1	17772.40039	311.70	49.59	48.827825	-86.922755	56110.55	56244	5.98	56116.53	56117.52344	56064.11880	56070.33203	505669.4	5408319.1
L5670.0	505669.3	5408320.7	17772.50000	311.83	50.38	48.827839	-86.922755	56109.54	56244	5.98	56115.52	56116.52734	56066.92907	56072.74219	505669.3	5408320.7
L5670.0	505669.3	5408322.0	17772.59961	312.52	49.4	48.827851	-86.922755	56108.44	56244	5.98	56114.42	56115.43750	56067.16239	56072.54297	505669.3	5408322.0
L5670.0	505669.3	5408323.3	17772.69922	312.17	48.38	48.827863	-86.922755	56107.29	56244	5.99	56113.27	56114.29297	56065.74614	56070.66797	505669.3	5408323.3
L5670.0	505669.3	5408323.3	17772.80078	311.58	48.38	48.827863	-86.922755	56106.13	56244	5.99	56112.12	56113.14063	56063.71838	56068.14453	505669.3	5408323.3
L5670.0	505669.3	5408324.9	17772.90039	310.87	51.37	48.827877	-86.922755	56105.04	56244	6.00	56111.03	56112.04688	56062.25897	56066.15625	505669.3	5408324.9
L5670.0	505669.3	5408326.0	17773.00000	310.37	53.68	48.827887	-86.922755	56103.98	56244	6.00	56109.98	56110.98828	56060.91445	56064.25391	505669.3	5408326.0
L5670.0	505669.3	5408327.3	17773.09961	310.53	53.68	48.827899	-86.922755	56102.96	56244	6.00	56108.97	56109.96484	56059.65602	56062.40625	505669.3	5408327.3
L5670.0	505669.3	5408328.6	17773.19922	309.85	48.03	48.827911	-86.922755	56101.95	56244	6.00	56107.95	56108.92578	56057.44308	56059.57422	505669.3	5408328.6
L5670.0	505669.3	5408328.6	17773.30078	310.86	41.08	48.827911	-86.922755	56101.10	56244	6.00	56107.10	56108.05469	56058.00078	56059.47656	505669.3	5408328.6
L5670.0	505669.4	5408330.9	17773.40039	311.13	41.21	48.827931	-86.922755	56100.28	56244	6.00	56106.29	56107.21875	56058.73519	56059.52344	505669.4	5408330.9

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5670.0	505669.4	5408330.9	17773.50000	310.91	39.98	48.827931	-86.922755	56099.68	56244	6.01	56105.69	56106.58984	56063.29855	56063.36719	505669.4	5408330.9
L5670.0	505669.4	5408332.4	17773.59961	310.46	39.98	48.827945	-86.922754	56098.89	56244	6.01	56104.90	56105.76563	56063.31466	56062.63281	505669.4	5408332.4
L5670.0	505669.4	5408333.8	17773.69922	309.80	44.28	48.827957	-86.922754	56098.09	56244	6.01	56104.09	56104.91797	56062.33302	56060.86719	505669.4	5408333.8
L5670.0	505669.4	5408335.2	17773.80078	308.85	46.07	48.827970	-86.922754	56097.22	56244	6.01	56103.23	56104.01953	56059.69064	56057.41016	505669.4	5408335.2
L5670.0	505669.4	5408336.2	17773.90039	307.65	46.07	48.827979	-86.922753	56096.54	56244	6.01	56102.55	56103.29297	56060.57411	56057.44531	505669.4	5408336.2
L5670.0	505669.4	5408336.2	17774.00000	309.34	44.88	48.827979	-86.922753	56095.75	56244	6.01	56101.76	56102.45703	56058.53185	56054.52344	505669.4	5408336.2
L5670.0	505669.5	5408337.8	17774.09961	317.45	46.94	48.827993	-86.922753	56094.82	56244	6.01	56100.84	56101.48828	56053.00427	56048.08203	505669.5	5408337.8
L5670.0	505669.5	5408339.3	17774.19922	319.05	49.6	48.828007	-86.922752	56094.06	56244	6.01	56100.07	56100.66406	56050.50191	56044.64063	505669.5	5408339.3
L5670.0	505669.6	5408340.7	17774.30078	316.97	49.6	48.828020	-86.922752	56093.43	56244	6.02	56099.45	56099.98828	56051.17102	56044.33594	505669.6	5408340.7
L5670.0	505669.6	5408340.7	17774.40039	316.02	37.77	48.828020	-86.922752	56092.92	56244	6.02	56098.94	56099.42188	56054.17533	56046.33594	505669.6	5408340.7
L5670.0	505669.6	5408342.0	17774.50000	318.74	39.19	48.828031	-86.922751	56091.91	56244	6.02	56097.93	56098.35156	56044.92773	56036.05078	505669.6	5408342.0
L5670.0	505669.6	5408343.2	17774.59961	320.84	40.38	48.828042	-86.922751	56091.16	56244	6.02	56097.18	56097.53906	56041.65935	56031.71875	505669.6	5408343.2
L5670.0	505669.6	5408344.5	17774.69922	321.29	42.73	48.828054	-86.922751	56090.59	56244	6.02	56096.62	56096.91406	56042.81399	56031.77734	505669.6	5408344.5
L5670.0	505669.6	5408345.9	17774.80078	320.01	42.73	48.828066	-86.922751	56089.99	56244	6.03	56096.02	56096.25000	56042.89082	56030.73047	505669.6	5408345.9
L5670.0	505669.6	5408345.9	17774.90039	308.64	46.75	48.828066	-86.922751	56089.41	56244	6.03	56095.43	56095.58984	56043.16803	56029.85547	505669.6	5408345.9
L5670.0	505669.6	5408347.7	17775.00000	309.33	45.78	48.828082	-86.922751	56088.90	56244	6.03	56094.93	56095.02344	56045.64184	56031.14844	505669.6	5408347.7
L5670.0	505669.6	5408349.0	17775.09961	315.11	45.78	48.828094	-86.922751	56088.34	56244	6.03	56094.37	56094.39453	56046.73049	56031.02734	505669.6	5408349.0
L5670.0	505669.6	5408350.4	17775.19922	310.09	38.35	48.828106	-86.922751	56087.89	56244	6.02	56093.91	56093.86719	56050.31736	56033.37891	505669.6	5408350.4
L5670.0	505669.6	5408350.4	17775.30078	310.78	38.52	48.828106	-86.922751	56087.25	56244	6.02	56093.28	56093.16406	56049.98019	56031.78125	505669.6	5408350.4
L5670.0	505669.6	5408352.7	17775.40039	311.02	38.52	48.828127	-86.922750	56086.75	56244	6.02	56092.77	56092.58594	56052.67879	56033.19141	505669.6	5408352.7
L5670.0	505669.6	5408352.7	17775.50000	312.45	43.73	48.828127	-86.922750	56086.09	56244	6.01	56092.11	56091.85547	56052.06483	56031.26563	505669.6	5408352.7
L5670.0	505669.6	5408354.2	17775.59961	316.46	43.73	48.828141	-86.922750	56085.41	56244	6.01	56091.42	56091.09766	56051.03807	56028.90234	505669.6	5408354.2
L5670.0	505669.7	5408355.5	17775.69922	312.19	45.92	48.828153	-86.922750	56084.72	56244	6.01	56090.73	56090.33984	56050.33056	56026.83984	505669.7	5408355.5
L5670.0	505669.7	5408356.4	17775.80078	313.99	41.74	48.828161	-86.922750	56084.25	56244	6.01	56090.26	56089.80469	56054.94362	56030.07031	505669.7	5408356.4
L5670.0	505669.7	5408358.0	17775.90039	319.25	41.74	48.828175	-86.922750	56083.52	56244	6.00	56089.52	56088.99609	56053.73609	56027.46094	505669.7	5408358.0
L5670.0	505669.7	5408359.1	17776.00000	316.50	45.1	48.828185	-86.922750	56083.18	56244	6.00	56089.18	56088.59375	56061.79877	56034.09766	505669.7	5408359.1
L5670.0	505669.7	5408360.6	17776.09961	317.73	45.1	48.828198	-86.922750	56082.41	56244	6.00	56088.41	56087.76172	56060.60943	56031.46484	505669.7	5408360.6
L5670.0	505669.7	5408360.6	17776.19922	317.72	33.56	48.828198	-86.922750	56081.82	56244	6.01	56087.83	56087.12109	56063.99107	56033.38672	505669.7	5408360.6
L5670.0	505669.7	5408362.0	17776.30078	316.14	41.75	48.828211	-86.922750	56081.14	56244	6.01	56087.16	56086.39453	56065.78663	56033.70313	505669.7	5408362.0
L5670.0	505669.7	5408363.5	17776.40039	311.22	41.75	48.828224	-86.922750	56080.55	56244	6.02	56086.57	56085.75000	56069.74932	56036.16797	505669.7	5408363.5
L5670.0	505669.7	5408365.0	17776.50000	311.47	38.66	48.828238	-86.922749	56079.72	56244	6.03	56085.75	56084.87891	56069.18072	56034.08594	505669.7	5408365.0
L5670.0	505669.7	5408365.0	17776.59961	313.68	39.83	48.828238	-86.922749	56079.19	56244	6.03	56085.22	56084.30078	56075.39989	56038.77734	505669.7	5408365.0
L5670.0	505669.7	5408366.4	17776.69922	314.75	39.84	48.828251	-86.922749	56078.40	56244	6.04	56084.43	56083.46875	56076.53379	56038.37109	505669.7	5408366.4
L5670.0	505669.7	5408367.7	17776.80078	315.75	39.84	48.828262	-86.922749	56077.77	56244	6.04	56083.81	56082.80859	56081.94568	56042.23047	505669.7	5408367.7
L5670.0	505669.7	5408369.1	17776.90039	311.15	36.58	48.828275	-86.922749	56076.86	56244	6.05	56082.90	56081.86328	56081.70369	56040.42578	505669.7	5408369.1
L5670.0	505669.7	5408369.1	17777.00000	311.42	36.58	48.828275	-86.922749	56075.86	56243.9	6.05	56081.91	56080.84375	56080.39193	56037.53906	505669.7	5408369.1
L5670.0	505669.7	5408370.4	17777.09961	314.47	38.11	48.828287	-86.922749	56074.56	56243.9	6.05	56080.61	56079.51953	56073.03467	56028.59766	505669.7	5408370.4
L5670.0	505669.7	5408371.9	17777.19922	315.83	40.15	48.828300	-86.922749	56073.63	56243.9	6.05	56079.68	56078.57031	56074.49518	56028.47266	505669.7	5408371.9
L5670.0	505669.7	5408373.5	17777.30078	315.62	37.79	48.828314	-86.922749	56072.34	56243.9	6.05	56078.39	56077.26563	56068.90066	56021.28125	505669.7	5408373.5
L5670.0	505669.7	5408374.5	17777.40039	314.26	37.79	48.828324	-86.922749	56071.47	56243.9	6.05	56077.52	56076.38672	56073.37836	56024.15625	505669.7	5408374.5
L5670.0	505669.7	5408374.5	17777.50000	309.96	37.83	48.828324	-86.922749	56070.08	56243.9	6.05	56076.13	56074.99609	56067.37863	56016.55078	505669.7	5408374.5
L5670.0	505669.7	5408375.8	17777.59961	308.96	37.9	48.828335	-86.922749	56068.99	56243.9	6.05	56075.04	56073.91016	56068.99225	56016.55859	505669.7	5408375.8
L5670.0	505669.7	5408377.2	17777.69922	314.58	37.9	48.828348	-86.922750	56067.52	56243.9	6.05	56073.57	56072.45313	56063.27976	56009.23828	505669.7	5408377.2
L5670.0	505669.6	5408378.3	17777.80078	309.07	31.88	48.828357	-86.922750	56066.52	56243.9	6.05	56072.57	56071.47266	56069.19628	56013.54688	505669.6	5408378.3
L5670.0	505669.6	5408379.7	17777.90039	309.73	30.76	48.828370	-86.922751	56065.02	56243.9	6.05	56071.07	56070.00000	56065.22754	56007.97266	505669.6	5408379.7
L5670.0	505669.6	5408380.6	17778.00000	316.75	30.4	48.828378	-86.922751	56063.73	56243.9	6.05	56069.78	56068.74609	56067.33348	56008.47266	505669.6	5408380.6
L5670.0	505669.5	5408381.9	17778.09961	317.47	32.04	48.828390	-86.922752	56062.01	56243.9	6.05	56068.06	56067.07031	56061.16273	56000.70313	505669.5	5408381.9
L5670.0	505669.5	5408381.9	17778.19922	315.88	32.04	48.828390	-86.922752	56060.47	56243.9	6.05	56066.52	56065.58203	56060.59748	55998.54297	505669.5	5408381.9
L5670.0	505669.5	5408383.3	17778.30078	317.85	31.78	48.828403	-86.922752	56058.58	56243.9	6.05	56064.63	56063.75391	56053.65213	55990.01172	505669.5	5408383.3
L5670.0	505669.4	5408384.4	17778.40039	318.54	31.78	48.828412	-86.922753	56056.88	56243.9	6.05	56062.93	56062.12109	56052.76172	55987.54297	505669.4	5408384.4
L5670.0	505669.4	5408385.9	17778.50000	311.53	34.59	48.828426	-86.922754	56054.98	56243.9	6.06	56061.04	56060.31250	56049.29955	55982.51172	505669.4	5408385.9
L5670.0	505669.3	5408387.3	17778.59961	310.93	34.59	48.828438	-86.922754	56053.23	56243.9	6.06	56059.29	56058.64844	56050.93856	55982.58984	505669.3	5408387.3
L5670.0	505669.3	5408387.3	17778.69922	316.69	32.09	48.828438	-86.922754	56051.19	56243.9	6.06	56057.25	56056.70703	56047.82480	55977.93359	505669.3	5408387.3
L5670.0	505669.3	5408388.8	17778.80078	315.31	31.49	48.828452	-86.922755	56049.16	56243.9	6.06	56055.22	56054.78906	56046.92567	55975.50391	505669.3	5408388.8
L5670.0	505669.2	5408390.1	17778.90039	316.13	31.49	48.828464	-86.922755	56047.01	56243.9	6.06	56053.07	56052.75781	56045.28387	55972.34375	505669.2	5408390.1
L5670.0	505669.2	5408391.6	17779.00000	317.79	32.27	48.828477	-86.922756	56044.94	56243.9	6.06	56051.00	56050.81641	56047.49283	55973.05469	505669.2	5408391.6
L5670.0	505669.2	5408392.6	17779.09961	315.74	35.8	48.828487	-86.922756	56042.66	56243.9	6.06	56048.73	56048.68750	56047.15966	55971.23828	505669.2	5408392.6
L5670.0	505669.2	5408394.1	17779.19922	315.18	35.8	48.828500	-86.922756	56040.36	56243.9	6.07	56046.43	56046.53906	56048.15638	55970.76953	505669.2	5408394.1
L5670.0	505669.2	5408394.1	17779.30078	316.24	35.96	48.828500	-86.922756	56037.93	56243.9	6.07	56044.01	56044.28516	56048.44588	55969.62109	505669.2	5408394.1
L5670.0	505669.1	5408395.4	17779.40039	311.95	36.71	48.828512	-86.922757	56035.31	56243.9	6.08	56041.38	56041.82813	56046.05667	55965.80859	505669.1	5408395.4
L5670.0	505669.1	5408396.5	17779.50000	312.40	34.61	48.828522	-86.922757	56032.63	56243.9	6.08	56038.70	56039.33594	56044.54883	55962.90234	505669.1	5408396.5
L5670.0	505669.1	5408397.8	17779.59961	311.45	34.61	48.828534	-86.922757	56029.91	56243.9	6.08	56036.00	56036.83203	56044.53726	55961.51563	505669.1	5408397.8
L5670.0	505669.1	5408399.1	17779.69922	314.67	36.06	48.828545	-86.922757	56027.08	56243.9	6.09	56033.17	56034.21484	56043.61827	55959.25000	505669.1	5408399.1
L5670.0	505669.1	5408400.1	17779.80078	314.24	33.84	48.828554	-86.922757	56024.07	56243.9	6.09	56030.16	56031.42969	56040.75170	55955.06250	505669.1	5408400.1
L5670.0	505669.1	5408401.3	17779.90039	312.79	33.84	48.828565	-86.922757	56021.19	56243.9	6.10	56027.28	56028.78516	56042.51236	55955.53125	505669.1	5408401.3
L5670.0	505669.1	5408401.3	17780.00000	308.55	32.58	48.828565	-86.922757	56017.95	56243.9	6.10	56024.04	56025.79297	56038.56296	55950.31641	505669.1	5408401.3
L5670.0	505669.1	5408403.3	17780.09961	310.42	31.92	48.828582	-86.922757	56014.84	56243.9	6.10	56020.94	56022.95313	56039.42585	55949.94531	505669.1	5408403.3
L5670.0	505669.1	5408404.6	17780.19922	309.12	31.92	48.828595	-86.922757	56011.35	56243.9	6.10	56017.44	56019.72656	56033.88435	55943.20313	505669.1	5408404.6
L5670.0	505669.1	5408404.6	17780.30078	310.10	29.84	48.828595	-86.922757	56007.86	56243.9	6.09	56013.95	56016.52734	56030.51237	55938.66016	505669.1	5408404.6
L5670.0	505669.1	5408406.2	17780.40039	311.83	31.18	48.828609	-86.922757	56004.29	56243.9	6.09	56010.38	56013.25391	56027.49189	55934.50391	505669.1	5408406.2
L5670.0	505669.1	5408407.5	17780.50000	319.08	31.18	48.828621	-86.922757	56000.57	56243.9	6.09	56006.66	56009.84766	56023.45652	55929.36719	505669.1	5408407.5
L5670.0	505669.1	5408409.2	17780.59961	312.25	33.23	48.828636	-86.922756	55996.78	56243.9	6.09	56002.87	56006.38672	56020.14875	55924.99219	505669.1	5408409.2
L5670.0	505669.2	5408410.4	17780.69922	311.31	33.23	48.828646	-86.922756	55992.66	56243.9	6.09	55998.75	56002.60547	56012.32292	55916.13672	505669.2	5408410.4
L5670.0	505669.2	5408410.4	17780.80078	315.88	35.16	48.828646	-86.922756	55988.23	56243.9	6.08	55994.31	55998.51953	56000.27872	55903.10156	505669.2	5408410.4
L5670.0	505669.2	5408411.7	17780.90039	316.10	26.63	48.828658	-86.922756	55984.11	56243.9	6.08	55990.19	55994.76953	55997.42454	55899.29688	505669.2	5408411.7
L5670.0	505669.2	5408413.4	17781.00000	314.78	26.63	48.828674	-86.922756	55979.70	56243.9	6.08	55985.78	55990.73828	55991.31768	55892.27344	505669.2	5408413.4
L5670.0	505669.2	5408414.6	17781.09961	308.52	30.91	48.828684	-86.922756	55975.43	56243.9	6.08	55981.51	55986.86328	55991.16512	55891.25000	505669.2	5408414.6
L5670.0	505669.2	5408414.6	17781.19922	308.11	30.91	48.828684	-86.922756	55970.75	56243.9	6.09	55976.83	55982.59375	55985.66450	55884.91797	505669.2	5408414.6
L5670.0	505669.2	5408416.4	17781.30078	314.61	31.4	48.828701	-86.922755	55965.94	56243.9	6.09	55972.03	55978.21484	55981.15155	55879.61328	505669.2	5408416.4
L5670.0	505669.2	5408417.5	17781.40039	314.83	31.16	48.828711	-86.922755	55960.71	56243.9	6.10	55966.80	55973.41797	55971.25134	55868.96875	505669.2	5408417.5
L5670.0	505669.2	5408418.9	17781.50000	314.07	31.16	48.828723	-86.922755	55955.42	56243.9	6.10	55961.52	55968.58984	55964.35987	55861.37109	505669.2	5408418.9
L5670.0	505669.2	5408418.9	17781.59961	314.14	29.33	48.828723	-86.922755	55949.86	56243.9	6.10	55955.96	55963.49219	55955.81649	55852.16797	505669.2	5408418.9
L5670.0	505669.3	5408420.2	17781.69922	313.83	25.84	48.828735	-86.922755	55944.44	56243.9	6.11	55950.55	55958.55859	55955.33106	55851.07031	505669.3	5408420.2
L5670.0	505669.3	5408421.4	17781.80078	313.95	27.3	48.828746	-86.922755	55938.57	56243.9	6.11	55944.69	55953.18750	55950.07547	55845.24609	505669.3	5408421.4
L5670.0	505669.3	5408422.8	17781.90039	314.23	27.3	48.828758	-86.922754	55932.58	56243.9	6.12	55938.69	55947.69141	55947.11667	55841.76172	505669.3	5408422.8
L5670.0	505669.3	5408422.8	17782.00000	315.72	32.65	48.828758	-86.922754	55926.11	56243.9	6.12	55932.23	55941.74609	55939.59896	55833.76953	505669.3	5408422.8
L5670.0	505669.3	5408425.3	17782.09961	315.75	31.81	48.828781	-86.922754	55919.66	56243.9	6.12	55925.78	55935.82422	55938.17457	55831.91406	505669.3	5408425.3
L5670.0	505669.3	5408426.2	17782.19922	314.31	31.81	48.828788	-86.922754	55912.49	56243.9	6.12	55918.61	55929.19922	55926.74267	55820.09766	505669.3	5408426.2
L5670.0	505669.3	5408427.5	17782.30078	315.22	30.9	48.828800	-86.922754	55905.52	56243.9	6.12	55911.64	55922.78516	55925.95174	55818.97266	505669.3	5408427.5
L5670.0	505669.3	5408427.5	17782.40039	314.32	29.57	48.828800	-86.922754	55898.03	56243.9	6.12	55904.15	55915.86328	55919.77914	55812.51563	505669.3	5408427.5
L5670.0	505669.3	5408429.6	17782.50000	316.04	29.57	48.828819	-86.922753	55890.39	56243.9	6.13	55896.51	55908.80469	55916.48544	55808.98047	505669.3	5408429.6
L5670.0	505669.3	5408429.6	17782.59961	316.37	29.59	48.828819	-86.922753	55882.42	56243.9	6.13	55888.54	55901.42578	55911.95463	55804.26172	505669.3	5408429.6
L5670.0	505669.4	5408430.7	17782.69922	316.42	29.46	48.828829	-86.922753	55874.25	56243.9	6.13	55880.38	55893.87500	55909.15647	55801.32031	505669.4	5408430.7

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5670.0	505669.4	5408431.9	17782.80078	313.16	29.46	48.828840	-86.922753	55865.65	56243.9	6.13	55871.78	55885.89063	55902.22422	55794.29688	505669.4	5408431.9
L5670.0	505669.4	5408432.9	17782.90039	312.99	23.87	48.828849	-86.922753	55856.92	56243.9	6.13	55863.05	55877.79297	55897.75329	55789.78516	505669.4	5408432.9
L5670.0	505669.4	5408434.3	17783.00000	315.05	26.26	48.828861	-86.922753	55847.82	56243.9	6.13	55853.95	55869.33203	55889.89654	55781.93359	505669.4	5408434.3
L5670.0	505669.4	5408435.6	17783.09961	310.78	30.34	48.828873	-86.922752	55838.28	56243.9	6.13	55844.41	55860.44531	55876.50617	55768.59766	505669.4	5408435.6
L5670.0	505669.4	5408437.3	17783.19922	310.61	30.34	48.828889	-86.922752	55828.62	56243.9	6.13	55834.75	55851.44922	55864.10416	55756.30078	505669.4	5408437.3
L5670.0	505669.4	5408437.3	17783.30078	309.90	31.05	48.828889	-86.922752	55818.96	56243.9	6.14	55825.09	55842.46484	55854.62671	55746.97656	505669.4	5408437.3
L5670.0	505669.5	5408438.5	17783.40039	309.55	30.98	48.828899	-86.922752	55808.86	56243.9	6.14	55815.00	55833.06250	55837.48811	55730.03906	505669.5	5408438.5
L5670.0	505669.5	5408439.8	17783.50000	316.55	30.98	48.828911	-86.922751	55798.59	56243.9	6.14	55804.73	55823.48828	55817.33080	55710.13281	505669.5	5408439.8
L5670.0	505669.5	5408440.6	17783.59961	309.32	27.98	48.828919	-86.922751	55788.10	56243.9	6.14	55794.24	55813.70313	55792.15744	55685.25781	505669.5	5408440.6
L5670.0	505669.5	5408441.9	17783.69922	310.81	29.53	48.828930	-86.922751	55777.57	56243.9	6.14	55783.72	55803.90234	55765.09682	55658.54297	505669.5	5408441.9
L5670.0	505669.5	5408443.3	17783.80078	317.81	29.53	48.828942	-86.922751	55766.75	56243.9	6.15	55772.90	55793.80859	55728.76112	55622.60156	505669.5	5408443.3
L5670.0	505669.6	5408444.5	17783.90039	316.61	30.97	48.828954	-86.922750	55756.00	56243.9	6.15	55762.15	55783.79297	55690.23433	55584.51953	505669.6	5408444.5
L5670.0	505669.6	5408445.6	17784.00000	314.74	29.25	48.828963	-86.922750	55745.52	56243.8	6.15	55751.67	55774.05469	55652.72030	55547.49609	505669.6	5408445.6
L5670.0	505669.6	5408447.0	17784.09961	315.00	29.25	48.828976	-86.922750	55734.96	56243.8	6.15	55741.11	55764.25000	55606.86133	55502.17188	505669.6	5408447.0
L5670.0	505669.6	5408447.0	17784.19922	315.71	28.6	48.828976	-86.922750	55724.52	56243.8	6.15	55730.68	55754.57813	55556.05350	55451.94531	505669.6	5408447.0
L5670.0	505669.6	5408448.2	17784.30078	316.93	28.14	48.828987	-86.922749	55714.23	56243.8	6.15	55720.39	55745.05859	55499.14466	55395.66406	505669.6	5408448.2
L5670.0	505669.7	5408449.4	17784.40039	315.38	26.98	48.828997	-86.922749	55704.40	56243.8	6.15	55710.55	55735.99609	55441.84963	55339.04297	505669.7	5408449.4
L5670.0	505669.7	5408450.8	17784.50000	314.49	26.98	48.829010	-86.922749	55694.86	56243.8	6.15	55701.01	55727.23828	55379.55332	55277.46484	505669.7	5408450.8
L5670.0	505669.7	5408452.1	17784.59961	309.97	24.54	48.829022	-86.922748	55686.16	56243.8	6.16	55692.31	55719.32813	55323.48249	55222.15625	505669.7	5408452.1
L5670.0	505669.7	5408453.2	17784.69922	310.58	25.03	48.829032	-86.922748	55677.90	56243.8	6.16	55684.06	55711.87500	55263.85142	55163.33203	505669.7	5408453.2
L5670.0	505669.7	5408454.5	17784.80078	316.34	26.61	48.829043	-86.922748	55670.34	56243.8	6.16	55676.50	55705.11719	55205.20475	55105.53516	505669.7	5408454.5
L5670.0	505669.8	5408455.7	17784.90039	314.88	26.61	48.829054	-86.922747	55663.25	56243.8	6.16	55669.41	55698.83594	55141.82112	55043.03906	505669.8	5408455.7
L5670.0	505669.8	5408455.7	17785.00000	315.89	29.27	48.829054	-86.922747	55657.32	56243.8	6.16	55663.48	55693.71875	55088.43713	54990.58594	505669.8	5408455.7
L5670.0	505669.8	5408457.3	17785.09961	316.88	30.08	48.829069	-86.922747	55652.03	56243.8	6.16	55658.20	55689.25781	55033.00564	54936.12891	505669.8	5408457.3
L5670.0	505669.8	5408458.5	17785.19922	316.28	30.08	48.829080	-86.922747	55648.02	56243.8	6.17	55654.19	55686.07031	54988.36630	54892.50000	505669.8	5408458.5
L5670.0	505669.8	5408459.8	17785.30078	315.45	29.56	48.829091	-86.922746	55645.04	56243.8	6.17	55651.21	55683.91406	54948.54491	54853.72656	505669.8	5408459.8
L5670.0	505669.8	5408459.8	17785.40039	312.44	28.53	48.829091	-86.922746	55643.71	56243.8	6.18	55649.88	55683.41406	54925.97551	54832.24609	505669.8	5408459.8
L5670.0	505669.9	5408461.7	17785.50000	311.39	28.53	48.829108	-86.922746	55643.46	56243.8	6.18	55649.64	55684.00781	54908.16094	54815.55469	505669.9	5408461.7
L5670.0	505669.9	5408462.5	17785.59961	314.18	28.77	48.829116	-86.922746	55645.41	56243.8	6.18	55651.59	55686.79297	54916.96083	54825.51563	505669.9	5408462.5
L5670.0	505669.9	5408464.1	17785.69922	313.94	28.77	48.829130	-86.922745	55648.70	56243.8	6.19	55654.88	55690.91797	54934.19142	54843.94141	505669.9	5408464.1
L5670.0	505669.9	5408466.0	17785.80078	314.75	25.94	48.829147	-86.922745	55653.66	56243.8	6.19	55659.85	55696.72656	54966.16419	54877.14453	505669.9	5408466.0
L5670.0	505669.9	5408466.0	17785.90039	313.40	28.08	48.829147	-86.922745	55659.86	56243.8	6.20	55666.05	55703.76953	55003.76646	54916.00781	505669.9	5408466.0
L5670.0	505669.9	5408467.6	17786.00000	308.57	28.08	48.829161	-86.922745	55667.82	56243.8	6.20	55674.02	55712.57813	55057.25760	54970.79297	505669.9	5408467.6
L5670.0	505669.9	5408469.0	17786.09961	308.69	25.39	48.829174	-86.922745	55676.90	56243.8	6.20	55683.10	55722.50000	55114.14099	55029.00000	505669.9	5408469.0
L5670.0	505669.9	5408469.0	17786.19922	308.23	24.05	48.829174	-86.922745	55687.39	56243.8	6.20	55693.59	55733.83203	55180.34190	55096.55469	505669.9	5408469.0
L5670.0	505669.9	5408470.6	17786.30078	308.65	24.05	48.829188	-86.922745	55698.61	56243.8	6.20	55704.81	55745.89063	55244.06588	55161.65625	505669.9	5408470.6
L5670.0	505669.9	5408472.2	17786.40039	308.03	27.06	48.829203	-86.922745	55711.18	56243.8	6.20	55717.38	55759.30078	55317.25415	55236.25391	505669.9	5408472.2
L5670.0	505669.9	5408473.9	17786.50000	309.34	27.06	48.829217	-86.922746	55724.48	56243.8	6.21	55730.69	55773.44922	55389.96546	55310.39844	505669.9	5408473.9
L5670.0	505669.9	5408473.9	17786.59961	309.26	26.55	48.829217	-86.922746	55739.07	56243.8	6.21	55745.27	55788.86328	55472.45839	55394.35156	505669.9	5408473.9
L5670.0	505669.8	5408476.8	17786.69922	309.76	26.55	48.829244	-86.922746	55753.70	56243.8	6.21	55759.91	55804.33594	55545.27116	55468.64844	505669.8	5408476.8
L5670.0	505669.8	5408476.8	17786.80078	309.04	24.65	48.829244	-86.922746	55769.05	56243.8	6.21	55775.25	55820.50781	55620.82113	55545.70313	505669.8	5408476.8
L5670.0	505669.8	5408478.1	17786.90039	308.79	24.65	48.829256	-86.922747	55784.81	56243.8	6.21	55791.02	55837.10547	55696.07247	55622.48047	505669.8	5408478.1
L5670.0	505669.8	5408478.1	17787.00000	309.01	25.65	48.829256	-86.922747	55800.62	56243.8	6.21	55806.83	55853.73828	55766.18355	55694.13672	505669.8	5408478.1
L5670.0	505669.8	5408479.7	17787.09961	309.12	27.29	48.829270	-86.922747	55815.97	56243.8	6.21	55822.18	55869.90625	55824.63661	55754.15625	505669.8	5408479.7
L5670.0	505669.7	5408481.3	17787.19922	309.79	27.29	48.829285	-86.922748	55831.58	56243.8	6.21	55837.79	55886.33203	55884.83418	55815.93750	505669.7	5408481.3
L5670.0	505669.7	5408482.5	17787.30078	309.48	21.48	48.829295	-86.922748	55846.75	56243.8	6.22	55852.97	55902.32031	55937.02018	55869.71875	505669.7	5408482.5
L5670.0	505669.7	5408482.5	17787.40039	309.38	21.48	48.829295	-86.922748	55861.58	56243.8	6.22	55867.80	55917.95313	55983.94359	55918.25781	505669.7	5408482.5
L5670.0	505669.7	5408484.0	17787.50000	308.89	23.18	48.829309	-86.922748	55875.97	56243.8	6.22	55882.19	55933.13672	56025.45641	55961.39844	505669.7	5408484.0
L5670.0	505669.6	5408485.8	17787.59961	309.15	23.18	48.829325	-86.922749	55889.93	56243.8	6.22	55896.15	55947.89063	56062.91494	56000.49609	505669.6	5408485.8
L5670.0	505669.6	5408487.2	17787.69922	308.86	21.97	48.829337	-86.922749	55903.11	56243.8	6.22	55909.34	55961.86328	56091.80183	56031.03516	505669.6	5408487.2
L5670.0	505669.6	5408487.2	17787.80078	308.56	21.97	48.829337	-86.922749	55915.94	56243.8	6.23	55922.16	55975.46094	56119.63026	56060.52344	505669.6	5408487.2
L5670.0	505669.6	5408488.7	17787.90039	308.36	23.4	48.829351	-86.922750	55927.95	56243.8	6.23	55934.18	55988.24609	56140.15183	56082.71094	505669.6	5408488.7
L5670.0	505669.5	5408490.0	17788.00000	308.74	21.23	48.829363	-86.922750	55939.54	56243.8	6.23	55945.77	56000.59766	56160.29232	56104.52734	505669.5	5408490.0
L5670.0	505669.5	5408491.3	17788.09961	309.71	22.98	48.829375	-86.922750	55950.16	56243.8	6.23	55956.39	56011.96875	56171.66856	56117.58984	505669.5	5408491.3
L5670.0	505669.5	5408491.3	17788.19922	310.51	22.98	48.829375	-86.922750	55960.20	56243.8	6.24	55966.44	56022.76172	56181.56312	56129.17188	505669.5	5408491.3
L5670.0	505669.5	5408492.9	17788.30078	309.60	24.5	48.829388	-86.922750	55969.41	56243.8	6.24	55975.65	56032.70703	56185.84647	56135.14453	505669.5	5408492.9
L5670.0	505669.5	5408494.2	17788.40039	311.88	24.5	48.829400	-86.922751	55977.96	56243.8	6.25	55984.20	56041.97656	56187.95881	56138.94922	505669.5	5408494.2
L5670.0	505669.5	5408494.2	17788.50000	312.17	21.34	48.829400	-86.922751	55985.88	56243.8	6.25	55992.13	56050.62109	56188.92369	56141.61328	505669.5	5408494.2
L5670.0	505669.5	5408495.5	17788.59961	310.30	21.68	48.829412	-86.922751	55993.19	56243.7	6.25	55999.44	56058.63672	56188.98605	56143.37109	505669.5	5408495.5
L5670.0	505669.5	5408496.8	17788.69922	310.64	21.68	48.829423	-86.922751	55999.69	56243.7	6.26	56005.95	56065.83594	56185.07709	56141.15625	505669.5	5408496.8
L5670.0	505669.5	5408498.1	17788.80078	311.85	22.83	48.829435	-86.922751	56005.58	56243.7	6.26	56011.84	56072.40625	56180.38886	56138.16016	505669.5	5408498.1
L5670.0	505669.5	5408499.0	17788.90039	313.43	20.8	48.829443	-86.922751	56010.96	56243.7	6.27	56017.23	56078.46484	56177.05409	56136.51172	505669.5	5408499.0
L5670.0	505669.5	5408500.3	17789.00000	311.08	22.24	48.829455	-86.922751	56015.85	56243.7	6.27	56022.12	56084.01172	56175.00761	56136.14844	505669.5	5408500.3
L5670.0	505669.5	5408500.3	17789.09961	311.05	22.24	48.829455	-86.922751	56020.07	56243.7	6.27	56026.35	56088.89063	56171.12513	56133.94922	505669.5	5408500.3
L5670.0	505669.5	5408501.6	17789.19922	311.62	20.61	48.829467	-86.922751	56023.67	56243.7	6.28	56029.94	56093.11328	56165.48089	56129.97656	505669.5	5408501.6
L5670.0	505669.5	5408503.2	17789.30078	311.46	21.24	48.829482	-86.922751	56026.70	56243.7	6.28	56032.98	56096.76953	56159.42005	56125.57813	505669.5	5408503.2
L5670.0	505669.5	5408504.6	17789.40039	310.40	21.24	48.829494	-86.922751	56029.26	56243.7	6.28	56035.54	56099.93750	56153.89812	56121.71094	505669.5	5408504.6
L5670.0	505669.5	5408505.9	17789.50000	310.21	23.47	48.829505	-86.922750	56031.43	56243.7	6.29	56037.72	56102.71094	56150.42613	56119.88672	505669.5	5408505.9
L5670.0	505669.5	5408505.9	17789.59961	311.02	22.49	48.829505	-86.922750	56033.07	56243.7	6.29	56039.36	56104.92969	56145.54915	56116.64844	505669.5	5408505.9
L5670.0	505669.5	5408507.4	17789.69922	312.21	20.79	48.829519	-86.922750	56034.26	56243.7	6.29	56040.55	56106.68750	56140.50644	56113.23047	505669.5	5408507.4
L5670.0	505669.5	5408507.4	17789.80078	314.21	22.34	48.829519	-86.922750	56035.07	56243.7	6.29	56041.37	56108.05859	56136.36209	56110.69141	505669.5	5408507.4
L5670.0	505669.5	5408509.3	17789.90039	313.24	23.66	48.829537	-86.922750	56035.61	56243.7	6.30	56041.90	56109.12500	56134.16893	56110.09375	505669.5	5408509.3
L5670.0	505669.5	5408510.7	17790.00000	313.15	23.66	48.829549	-86.922750	56036.04	56243.7	6.30	56042.34	56110.08594	56137.23362	56114.74219	505669.5	5408510.7
L5670.0	505669.6	5408512.2	17790.09961	312.53	22.72	48.829562	-86.922749	56035.88	56243.7	6.30	56042.18	56110.43359	56135.46063	56114.54297	505669.6	5408512.2
L5670.0	505669.6	5408512.2	17790.19922	311.80	22.72	48.829562	-86.922749	56035.51	56243.7	6.30	56041.81	56110.55859	56135.79340	56116.42969	505669.6	5408512.2
L5670.0	505669.6	5408513.8	17790.30078	312.30	21.99	48.829577	-86.922749	56034.64	56243.7	6.30	56040.95	56110.17578	56132.60900	56114.77734	505669.6	5408513.8
L5670.0	505669.5	5408515.1	17790.40039	312.08	18.6	48.829589	-86.922750	56033.73	56243.7	6.30	56040.03	56109.71484	56133.62385	56117.30469	505669.5	5408515.1
L5670.0	505669.5	5408516.0	17790.50000	310.89	28.25	48.829597	-86.922750	56032.09	56243.7	6.30	56038.39	56108.52344	56126.24466	56111.42578	505669.5	5408516.0
L5670.0	505669.5	5408517.4	17790.59961	310.13	28.9	48.829609	-86.922750	56030.38	56243.7	6.30	56036.68	56107.24609	56122.29648	56108.96484	505669.5	5408517.4
L5670.0	505669.5	5408517.4	17790.69922	308.41	28.9	48.829609	-86.922750	56028.14	56243.7	6.30	56034.45	56105.42969	56113.07324	56101.20313	505669.5	5408517.4
L5670.0	505669.5	5408519.8	17790.80078	309.26	27.5	48.829631	-86.922750	56026.02	56243.7	6.30	56032.32	56103.69922	56109.94319	56099.51172	505669.5	5408519.8
L5670.0	505669.5	5408519.8	17790.90039	309.47	28.67	48.829631	-86.922750	56023.24	56243.7	6.30	56029.54	56101.30078	56098.60674	56089.59375	505669.5	5408519.8
L5670.0	505669.5	5408521.6	17791.00000	310.49	28.67	48.829647	-86.922750	56020.56	56243.7	6.30	56026.86	56098.98828	56093.06327	56085.44922	505669.5	5408521.6
L5670.0	505669.5	5408523.2	17791.09961	309.51	25.35	48.829661	-86.922750	56017.57	56243.7	6.30	56023.87	56096.35156	56085.44245	56079.21094	505669.5	5408523.2
L5670.0	505669.5	5408523.2	17791.19922	309.89	24.96	48.829661	-86.922750	56014.59	56243.7	6.31	56020.89	56093.70313	56081.87098	56076.99609	505669.5	5408523.2
L5670.0	505669.5	5408525.2	17791.30078	310.70	22.97	48.829679	-86.922750	56011.47	56243.7	6.31	56017.78	56090.91406	56079.72829	56076.18359	505669.5	5408525.2
L5670.0	505669.5	5408525.2	17791.40039	310.07	20.42	48.829679	-86.922750	56008.24	56243.7	6.31	56014.55	56087.98438	56079.31931	56077.08203	505669.5	5408525.2
L5670.0	505669.5	5408527.4	17791.50000	309.43	20.42	48.829699	-86.922751	56004.68	56243.7	6.32	56010.99	56084.71094	56076.56186	56075.61328	505669.5	5408527.4
L5670.0	505669.5	5408529.0	17791.59961	308.92	22.51	48.829713	-86.922751	56000.77	56243.7	6.32	56007.09	56081.07813	56071.27212	56071.59375	505669.5	5408529.0
L5670.0	505669.5	5408529.0	17791.69922	317.82	22.51	48.829713	-86.922751	55996.66	56243.7	6.32	56002.98	56077.22266	56066.16648	56067.72656	505669.5	5408529.0
L5670.0	505669.5	5408530.1	17791.80078	310.05	24.17	48.829724	-86.922751	55992.20	56243.7	6.32	55998.52	56073.00000	56058.41958	56061.19531	505669.5	5408530.1
L5670.0	505669.5	5408531.2	17791.90039	311.31	22.65	48.829734	-86.922751	55987.65	56243.7	6.33	55993.98	56068.67578	56053.85907	56057.82031	505669.5	5408531.2
L5670.0	505669.5	5408532.6	17792.00000	322.22	21.07	48.829746	-86.922750	55982.79	56243.7	6.33	55989.12	56064.01953	56047.54593	56052.67578	505669.5	5408532.6

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5670.0	505669.5	5408533.9	17792.09961	323.62	21.07	48.829757	-86.922750	55978.04	56243.7	6.33	55984.37	56059.46094	56049.05280	56055.32813	505669.5	5408533.9
L5670.0	505669.5	5408535.2	17792.19922	321.53	23.06	48.829770	-86.922750	55972.85	56243.7	6.33	55979.19	56054.44922	56046.70890	56054.10547	505669.5	5408535.2
L5670.0	505669.5	5408535.2	17792.30078	320.60	21.52	48.829770	-86.922750	55967.28	56243.7	6.34	55973.62	56049.03516	56041.36479	56049.85156	505669.5	5408535.2
L5670.0	505669.5	5408537.0	17792.40039	321.08	21.52	48.829786	-86.922750	55961.42	56243.7	6.34	55967.76	56043.31250	56035.27098	56044.82031	505669.5	5408537.0
L5670.0	505669.5	5408538.4	17792.50000	309.66	21.77	48.829798	-86.922749	55955.39	56243.7	6.34	55961.74	56037.41406	56031.40128	56041.99609	505669.5	5408538.4
L5670.0	505669.5	5408538.4	17792.59961	308.62	21.49	48.829798	-86.922749	55949.00	56243.7	6.34	55955.34	56031.12500	56024.72014	56036.33984	505669.5	5408538.4
L5670.0	505669.6	5408540.0	17792.69922	317.13	21.49	48.829812	-86.922749	55942.49	56243.7	6.34	55948.84	56024.71484	56021.52056	56034.13281	505669.6	5408540.0
L5670.0	505669.6	5408541.3	17792.80078	307.54	19.03	48.829824	-86.922749	55935.54	56243.7	6.35	55941.88	56017.83203	56013.47211	56027.05078	505669.6	5408541.3
L5670.0	505669.6	5408542.9	17792.90039	308.38	20.75	48.829838	-86.922749	55928.36	56243.7	6.35	55934.71	56010.71875	56006.09055	56020.60938	505669.6	5408542.9
L5670.0	505669.6	5408542.9	17793.00000	315.96	21.08	48.829838	-86.922749	55920.69	56243.7	6.35	55927.04	56003.09375	55992.69940	56008.14063	505669.6	5408542.9
L5670.0	505669.6	5408544.5	17793.09961	318.18	22.62	48.829853	-86.922749	55912.75	56243.6	6.35	55919.10	55995.18359	55978.27156	55994.61328	505669.6	5408544.5
L5670.0	505669.6	5408544.5	17793.19922	318.64	24.23	48.829853	-86.922749	55904.63	56243.6	6.35	55910.98	55987.07813	55964.46316	55981.67969	505669.6	5408544.5
L5670.0	505669.6	5408546.5	17793.30078	319.36	24.37	48.829871	-86.922749	55896.43	56243.6	6.36	55902.79	55978.88672	55953.17467	55971.23438	505669.6	5408546.5
L5670.0	505669.5	5408548.0	17793.40039	319.20	20.26	48.829885	-86.922749	55887.76	56243.6	6.36	55894.12	55970.19922	55935.37272	55954.25391	505669.5	5408548.0
L5670.0	505669.5	5408548.0	17793.50000	315.27	20.26	48.829885	-86.922749	55879.08	56243.6	6.36	55885.44	55961.49219	55920.43089	55940.11328	505669.5	5408548.0
L5670.0	505669.5	5408549.4	17793.59961	315.22	20.26	48.829897	-86.922749	55869.90	56243.6	6.36	55876.26	55952.26563	55897.91646	55918.38281	505669.5	5408549.4
L5670.0	505669.5	5408550.5	17793.69922	309.97	26.12	48.829907	-86.922749	55860.72	56243.6	6.36	55867.08	55943.03125	55877.32367	55898.54688	505669.5	5408550.5
L5670.0	505669.5	5408551.9	17793.80078	322.15	23.59	48.829919	-86.922750	55851.23	56243.6	6.37	55857.60	55933.47656	55852.14791	55874.10156	505669.5	5408551.9
L5670.0	505669.5	5408553.0	17793.90039	309.64	21.19	48.829930	-86.922750	55841.92	56243.6	6.37	55848.29	55924.07813	55830.67898	55853.33984	505669.5	5408553.0
L5670.0	505669.5	5408554.1	17794.00000	309.09	21.19	48.829939	-86.922750	55832.16	56243.6	6.37	55838.53	55914.21875	55800.52868	55823.87891	505669.5	5408554.1
L5670.0	505669.5	5408555.5	17794.09961	308.25	24.7	48.829952	-86.922750	55822.80	56243.6	6.37	55829.17	55904.74609	55776.67302	55800.69922	505669.5	5408555.5
L5670.0	505669.5	5408556.6	17794.19922	308.01	25.7	48.829962	-86.922750	55813.19	56243.6	6.38	55819.57	55895.02344	55746.51778	55771.19531	505669.5	5408556.6
L5670.0	505669.5	5408556.6	17794.30078	308.87	25.7	48.829962	-86.922750	55803.90	56243.6	6.38	55810.28	55885.59375	55719.12706	55744.42969	505669.5	5408556.6
L5670.0	505669.5	5408558.3	17794.40039	308.44	26.97	48.829977	-86.922750	55794.53	56243.6	6.38	55800.91	55876.07031	55686.61735	55712.51953	505669.5	5408558.3
L5670.0	505669.5	5408559.5	17794.50000	309.08	27.11	48.829988	-86.922750	55785.57	56243.6	6.39	55791.95	55866.94531	55656.70034	55683.19531	505669.5	5408559.5
L5670.0	505669.5	5408561.0	17794.59961	309.19	26.24	48.830002	-86.922749	55776.66	56243.6	6.39	55783.04	55857.86328	55622.06854	55649.13672	505669.5	5408561.0
L5670.0	505669.5	5408561.9	17794.69922	308.21	26.24	48.830010	-86.922749	55768.32	56243.6	6.39	55774.71	55849.34766	55591.10280	55618.72656	505669.5	5408561.9
L5670.0	505669.5	5408563.3	17794.80078	308.84	25.8	48.830022	-86.922749	55760.04	56243.6	6.39	55766.44	55840.87500	55553.84439	55581.99609	505669.5	5408563.3
L5670.0	505669.5	5408564.4	17794.90039	311.09	26.14	48.830032	-86.922749	55752.44	56243.6	6.40	55758.84	55833.06641	55520.19038	55548.85156	505669.5	5408564.4
L5670.0	505669.5	5408565.7	17795.00000	310.80	27.92	48.830044	-86.922749	55745.18	56243.6	6.40	55751.58	55825.58594	55483.65924	55512.82422	505669.5	5408565.7
L5670.0	505669.5	5408565.7	17795.09961	310.57	27.92	48.830044	-86.922749	55738.87	56243.6	6.40	55745.27	55819.04297	55454.44966	55484.10156	505669.5	5408565.7
L5670.0	505669.5	5408566.8	17795.19922	311.48	27.28	48.830054	-86.922749	55732.76	56243.6	6.40	55739.16	55812.69531	55418.80917	55448.92969	505669.5	5408566.8
L5670.0	505669.5	5408568.0	17795.30078	311.88	27.28	48.830065	-86.922749	55727.58	56243.6	6.40	55733.98	55807.26172	55389.27631	55419.84375	505669.5	5408568.0
L5670.0	505669.5	5408569.8	17795.40039	311.48	26.85	48.830081	-86.922749	55722.98	56243.6	6.40	55729.38	55802.39844	55359.28272	55390.28125	505669.5	5408569.8
L5670.0	505669.5	5408571.2	17795.50000	311.96	29.18	48.830093	-86.922749	55719.38	56243.6	6.40	55725.77	55798.51563	55335.92720	55367.34766	505669.5	5408571.2
L5670.0	505669.5	5408572.1	17795.59961	312.74	30.03	48.830101	-86.922749	55716.59	56243.6	6.39	55722.98	55795.44922	55315.94364	55347.78125	505669.5	5408572.1
L5670.0	505669.5	5408573.2	17795.69922	313.81	30.03	48.830111	-86.922750	55714.74	56243.6	6.39	55721.13	55793.30859	55301.27463	55333.50781	505669.5	5408573.2
L5670.0	505669.5	5408573.2	17795.80078	315.27	28.25	48.830111	-86.922750	55713.61	56243.6	6.39	55720.00	55791.87891	55287.82679	55320.43750	505669.5	5408573.2
L5670.0	505669.5	5408574.7	17795.90039	314.61	27.79	48.830125	-86.922750	55713.76	56243.6	6.39	55720.15	55791.72266	55285.50221	55318.47656	505669.5	5408574.7
L5670.0	505669.5	5408576.1	17796.00000	312.42	28.41	48.830137	-86.922750	55714.62	56243.6	6.39	55721.01	55792.26953	55283.98647	55317.32031	505669.5	5408576.1
L5670.0	505669.5	5408577.4	17796.09961	311.64	28.41	48.830149	-86.922750	55716.79	56243.6	6.39	55723.18	55794.11719	55293.93769	55327.62500	505669.5	5408577.4
L5670.0	505669.5	5408578.8	17796.19922	309.89	25.87	48.830161	-86.922750	55719.72	56243.6	6.40	55726.12	55796.72656	55305.75986	55339.78516	505669.5	5408578.8
L5670.0	505669.5	5408580.0	17796.30078	308.61	27.25	48.830172	-86.922750	55723.94	56243.6	6.40	55730.34	55800.60938	55328.48583	55362.83203	505669.5	5408580.0
L5670.0	505669.5	5408580.0	17796.40039	307.38	27.25	48.830172	-86.922750	55728.89	56243.6	6.41	55735.30	55805.22266	55352.60930	55387.26563	505669.5	5408580.0
L5670.0	505669.5	5408581.0	17796.50000	307.07	27.82	48.830182	-86.922749	55734.62	56243.6	6.41	55741.03	55810.60156	55378.80405	55413.76563	505669.5	5408581.0
L5670.0	505669.5	5408582.4	17796.59961	308.69	27.85	48.830194	-86.922749	55741.35	56243.6	6.41	55747.76	55816.97656	55411.29463	55446.55859	505669.5	5408582.4
L5670.0	505669.5	5408584.0	17796.69922	308.21	27.85	48.830208	-86.922749	55748.85	56243.6	6.42	55755.27	55824.12500	55446.63740	55482.19141	505669.5	5408584.0
L5670.0	505669.6	5408585.3	17796.80078	309.65	26.54	48.830220	-86.922748	55756.97	56243.6	6.42	55763.39	55831.87500	55482.45878	55518.28906	505669.6	5408585.3
L5670.0	505669.6	5408585.3	17796.90039	311.12	28.86	48.830220	-86.922748	55765.66	56243.6	6.43	55772.09	55840.19922	55518.95299	55555.05078	505669.6	5408585.3
L5670.0	505669.6	5408586.7	17797.00000	311.59	28.86	48.830233	-86.922748	55775.18	56243.6	6.43	55781.61	55849.33984	55561.11418	55597.47656	505669.6	5408586.7
L5670.0	505669.6	5408588.1	17797.09961	311.05	27.23	48.830245	-86.922747	55784.88	56243.6	6.43	55791.31	55858.65625	55598.84578	55635.47266	505669.6	5408588.1
L5670.0	505669.7	5408589.9	17797.19922	309.44	24.93	48.830261	-86.922747	55795.23	56243.6	6.43	55801.66	55868.61328	55641.39966	55678.28125	505669.7	5408589.9
L5670.0	505669.7	5408590.7	17797.30078	309.34	25.49	48.830268	-86.922747	55805.47	56243.6	6.43	55811.90	55878.46094	55676.49243	55713.61719	505669.7	5408590.7
L5670.0	505669.7	5408590.7	17797.40039	310.61	25.49	48.830268	-86.922747	55816.18	56243.6	6.43	55822.60	55888.76172	55715.34531	55752.70313	505669.7	5408590.7
L5670.0	505669.7	5408592.2	17797.50000	309.75	26.78	48.830282	-86.922746	55826.90	56243.6	6.43	55833.32	55899.07813	55751.16600	55788.75781	505669.7	5408592.2
L5670.0	505669.8	5408594.1	17797.59961	309.65	27.58	48.830299	-86.922745	55837.85	56243.6	6.42	55844.27	55909.62109	55788.92203	55826.75000	505669.8	5408594.1
L5670.0	505669.8	5408595.6	17797.69922	315.62	27.58	48.830313	-86.922745	55848.55	56243.6	6.42	55854.97	55919.91016	55820.47610	55858.53125	505669.8	5408595.6
L5670.0	505669.8	5408595.6	17797.80078	310.40	26.73	48.830313	-86.922745	55859.48	56243.6	6.42	55865.90	55930.42969	55856.04950	55894.32031	505669.8	5408595.6
L5670.0	505669.8	5408596.8	17797.90039	309.67	27.41	48.830324	-86.922745	55870.25	56243.6	6.42	55876.67	55940.78125	55888.90457	55927.38672	505669.8	5408596.8
L5670.0	505669.8	5408598.5	17798.00000	312.74	27.41	48.830338	-86.922744	55881.00	56243.6	6.42	55887.42	55951.10938	55922.71395	55961.41016	505669.8	5408598.5
L5670.0	505669.8	5408598.5	17798.09961	314.42	25.34	48.830338	-86.922744	55891.32	56243.6	6.42	55897.75	55961.01953	55949.64087	55988.55469	505669.8	5408598.5
L5670.0	505669.9	5408600.1	17798.19922	314.85	25.34	48.830353	-86.922744	55901.52	56243.6	6.43	55907.95	55970.79688	55976.43789	56015.56250	505669.9	5408600.1
L5670.0	505669.9	5408601.4	17798.30078	315.71	26.46	48.830365	-86.922744	55911.34	56243.6	6.43	55917.76	55980.17969	55997.83914	56037.16406	505669.9	5408601.4
L5670.0	505669.9	5408602.9	17798.40039	312.93	29.41	48.830378	-86.922744	55921.17	56243.6	6.43	55927.60	55989.58984	56024.14743	56063.66797	505669.9	5408602.9
L5670.0	505669.9	5408604.2	17798.50000	320.67	29.71	48.830390	-86.922744	55930.51	56243.6	6.43	55936.94	55998.50000	56043.48336	56083.20703	505669.9	5408604.2
L5670.0	505669.9	5408605.6	17798.59961	319.77	29.71	48.830403	-86.922744	55939.94	56243.6	6.44	55946.38	56007.50781	56070.96936	56110.89453	505669.9	5408605.6
L5670.0	505669.9	5408605.6	17798.69922	320.01	28.1	48.830403	-86.922744	55948.70	56243.6	6.44	55955.14	56015.83594	56087.73125	56127.85547	505669.9	5408605.6
L5670.0	505669.8	5408607.3	17798.80078	319.77	28.1	48.830417	-86.922744	55957.06	56243.6	6.44	55963.51	56023.77344	56101.09668	56141.41406	505669.8	5408607.3
L5670.0	505669.8	5408608.8	17798.90039	321.22	31.39	48.830432	-86.922744	55964.73	56243.6	6.45	55971.18	56031.00781	56322.92635	56363.43359	505669.8	5408608.8
L5670.0	505669.8	5408610.3	17799.00000	318.72	31.39	48.830445	-86.922744	55972.37	56243.6	6.45	55978.82	56038.21094	56339.12355	56379.82813	505669.8	5408610.3
L5670.0	505669.8	5408610.3	17799.09961	318.74	29.95	48.830445	-86.922744	55979.48	56243.6	6.45	55985.93	56044.88672	56347.07634	56387.97656	505669.8	5408610.3
L5670.0	505669.8	5408611.9	17799.19922	318.60	29.95	48.830459	-86.922745	55986.64	56243.6	6.45	55993.08	56051.59766	56356.92663	56398.02344	505669.8	5408611.9
L5670.0	505669.8	5408612.8	17799.30078	319.02	30.29	48.830468	-86.922745	55993.12	56243.6	6.45	55999.56	56057.64063	56356.08229	56397.36719	505669.8	5408612.8
L5670.0	505669.8	5408614.0	17799.40039	319.22	30.29	48.830478	-86.922745	55999.38	56243.6	6.45	56005.83	56063.47656	56352.99433	56394.46875	505669.8	5408614.0
L5670.0	505669.7	5408616.0	17799.50000	321.03	29.41	48.830496	-86.922746	56005.20	56243.6	6.44	56011.64	56068.84766	56343.31535	56384.98438	505669.7	5408616.0
L5670.0	505669.7	5408616.0	17799.59961	319.33	22.77	48.830496	-86.922746	56010.84	56243.6	6.44	56017.28	56074.05469	56332.70585	56374.57422	505669.7	5408616.0
L5670.0	505669.7	5408617.4	17799.69922	321.28	22.77	48.830508	-86.922746	56016.08	56243.6	6.44	56022.52	56078.85938	56317.16506	56359.23047	505669.7	5408617.4
L5670.0	505669.7	5408618.5	17799.80078	321.97	31.28	48.830519	-86.922746	56021.04	56243.6	6.44	56027.48	56083.38672	56299.20932	56341.46875	505669.7	5408618.5
L5670.0	505669.6	5408620.2	17799.90039	322.94	31.28	48.830533	-86.922747	56025.64	56243.6	6.44	56032.08	56087.55078	56277.57433	56320.02734	505669.6	5408620.2
L5670.0	505669.6	5408620.2	17800.00000	320.49	28.32	48.830533	-86.922747	56030.22	56243.6	6.44	56036.66	56091.69922	56259.00416	56301.65625	505669.6	5408620.2
L5670.0	505669.6	5408621.8	17800.09961	320.37	28.32	48.830548	-86.922747	56034.45	56243.6	6.44	56040.89	56095.50000	56237.43298	56280.28516	505669.6	5408621.8
L5670.0	505669.6	5408623.4	17800.19922	319.57	27.4	48.830562	-86.922748	56038.62	56243.6	6.44	56045.06	56099.24219	56218.60938	56261.66406	505669.6	5408623.4
L5670.0	505669.5	5408624.7	17800.30078	320.52	27.4	48.830575	-86.922748	56042.43	56243.6	6.45	56048.88	56102.63672	56197.15142	56240.40625	505669.5	5408624.7
L5670.0	505669.5	5408624.7	17800.40039	320.68	26.48	48.830575	-86.922748	56046.06	56243.6	6.45	56052.50	56105.82813	56176.07277	56219.52734	505669.5	5408624.7
L5670.0	505669.5	5408626.1	17800.50000	320.68	26.52	48.830587	-86.922748	56049.44	56243.6	6.45	56055.89	56108.79688	56154.90304	56198.56250	505669.5	5408626.1
L5670.0	505669.5	5408627.5	17800.59961	313.42	26.52	48.830599	-86.922748	56052.65	56243.5	6.45	56059.10	56111.58594	56134.67897	56178.55078	505669.5	5408627.5
L5670.0	505669.5	5408629.0	17800.69922	314.95	26.52	48.830613	-86.922749	56055.72	56243.5	6.45	56062.17	56114.23828	56116.21941	56160.30078	505669.5	5408629.0
L5670.0	505669.5	5408629.0	17800.80078	319.45	28.04	48.830613	-86.922749	56058.62	56243.5	6.46	56065.08	56116.73438	56099.16590	56143.45703	505669.5	5408629.0
L5670.0	505669.5	5408630.7	17800.90039	318.17	28	48.830629	-86.922749	56061.56	56243.5	6.46	56068.02	56119.25781	56087.06642	56131.56641	505669.5	5408630.7
L5670.0	505669.5	5408632.3	17801.00000	319.69	28	48.830643	-86.922749	56064.32	56243.5	6.46	56070.78	56121.60938	56075.92174	56120.64063	505669.5	5408632.3
L5670.0	505669.5	5408633.7	17801.09961	320.61	29.84	48.830656	-86.922748	56066.82	56243.5	6.46	56073.28	56123.70313	56064.21698	56109.16016	505669.5	5408633.7
L5670.0	505669.5	5408633.7	17801.19922	316.10	28.22	48.830656	-86.922748	56069.30	56243.5	6.46	56075.76	56125.78125	56056.28582	56101.44922	505669.5	5408633.7
L5670.0	505669.5	5408635.4	17801.30078	308.67	28.22	48.830670	-86.922748	56071.73	56243.5	6.47	56078.19	56127.81250	56051.40092	56096.78906	505669.5	5408635.4

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5670.0	505669.5	5408636.8	17801.40039	320.01	29.83	48.830683	-86.922748	56073.95	56243.5	6.47	56080.42	56129.64453	56046.70297	56092.31641	505669.5	5408636.8
L5670.0	505669.6	5408638.1	17801.50000	321.45	29.83	48.830695	-86.922748	56076.20	56243.5	6.47	56082.67	56131.50000	56045.91640	56091.76172	505669.6	5408638.1
L5670.0	505669.6	5408638.1	17801.59961	320.44	30.53	48.830695	-86.922748	56078.36	56243.5	6.47	56084.83	56133.27344	56046.85672	56092.93750	505669.6	5408638.1
L5670.0	505669.6	5408639.7	17801.69922	322.64	30.53	48.830709	-86.922747	56080.63	56243.5	6.47	56087.10	56135.16016	56126.90411	56173.22656	505669.6	5408639.7
L5670.0	505669.6	5408640.9	17801.80078	322.16	29.22	48.830720	-86.922747	56082.66	56243.5	6.48	56089.13	56136.80859	56129.93740	56176.50000	505669.6	5408640.9
L5670.0	505669.7	5408642.3	17801.90039	321.82	29.22	48.830732	-86.922746	56084.66	56243.5	6.48	56091.14	56138.44141	56134.49976	56181.30469	505669.7	5408642.3
L5670.0	505669.7	5408642.3	17802.00000	315.56	30.75	48.830732	-86.922746	56086.45	56243.5	6.48	56092.93	56139.85938	56135.42594	56182.48047	505669.7	5408642.3
L5670.0	505669.7	5408643.9	17802.09961	315.19	30.75	48.830747	-86.922745	56088.32	56243.5	6.48	56094.80	56141.36328	56140.38449	56187.69922	505669.7	5408643.9
L5670.0	505669.7	5408645.5	17802.19922	315.88	30.38	48.830761	-86.922745	56089.88	56243.5	6.48	56096.36	56142.55859	56139.57178	56187.14453	505669.7	5408645.5
L5670.0	505669.8	5408646.8	17802.30078	316.16	30.38	48.830773	-86.922744	56091.58	56243.5	6.48	56098.06	56143.90234	56144.22725	56192.06250	505669.8	5408646.8
L5670.0	505669.8	5408647.9	17802.40039	314.02	29.94	48.830783	-86.922744	56093.00	56243.5	6.48	56099.48	56144.96875	56144.02013	56192.12109	505669.8	5408647.9
L5670.0	505669.8	5408647.9	17802.50000	313.45	30.88	48.830783	-86.922744	56094.42	56243.5	6.48	56100.90	56146.04297	56145.84003	56194.21484	505669.8	5408647.9
L5670.0	505669.8	5408649.5	17802.59961	313.06	30.88	48.830798	-86.922744	56095.68	56243.5	6.48	56102.16	56146.96094	56145.84551	56194.50000	505669.8	5408649.5
L5670.0	505669.9	5408651.1	17802.69922	313.93	29.74	48.830812	-86.922743	56096.87	56243.5	6.48	56103.35	56147.81250	56146.22200	56195.16016	505669.9	5408651.1
L5670.0	505669.9	5408652.5	17802.80078	313.36	29.74	48.830824	-86.922743	56098.06	56243.5	6.48	56104.54	56148.66797	56148.62219	56197.84375	505669.9	5408652.5
L5670.0	505669.9	5408652.5	17802.90039	312.85	30.81	48.830824	-86.922743	56098.99	56243.5	6.48	56105.47	56149.27344	56146.90284	56196.41406	505669.9	5408652.5
L5670.0	505669.9	5408653.8	17803.00000	314.57	34.84	48.830836	-86.922742	56099.81	56243.5	6.48	56106.29	56149.76953	56144.59874	56194.41016	505669.9	5408653.8
L5670.0	505669.9	5408655.4	17803.09961	315.27	34.84	48.830850	-86.922742	56100.62	56243.5	6.48	56107.10	56150.26563	56144.03528	56194.14844	505669.9	5408655.4
L5670.0	505670.0	5408657.0	17803.19922	316.96	32.12	48.830865	-86.922742	56101.27	56243.5	6.49	56107.76	56150.61328	56141.86486	56192.28906	505670.0	5408657.0
L5670.0	505670.0	5408658.6	17803.30078	316.14	32.12	48.830879	-86.922742	56101.98	56243.5	6.49	56108.47	56151.01953	56142.78384	56193.51563	505670.0	5408658.6
L5670.0	505670.0	5408658.6	17803.40039	314.23	33.73	48.830879	-86.922742	56102.66	56243.5	6.50	56109.16	56151.41016	56145.10964	56196.16016	505670.0	5408658.6
L5670.0	505670.0	5408659.9	17803.50000	314.82	33.73	48.830891	-86.922741	56103.09	56243.5	6.50	56109.59	56151.54688	56143.01886	56194.39063	505670.0	5408659.9
L5670.0	505670.0	5408659.9	17803.59961	314.79	34.75	48.830891	-86.922741	56103.47	56243.5	6.50	56109.98	56151.65234	56141.69860	56193.40234	505670.0	5408659.9
L5670.0	505670.0	5408661.6	17803.69922	316.13	34.75	48.830906	-86.922741	56103.78	56243.5	6.51	56110.29	56151.67969	56140.11341	56192.15234	505670.0	5408661.6
L5670.0	505670.0	5408663.4	17803.80078	318.24	35.41	48.830923	-86.922741	56104.05	56243.5	6.51	56110.56	56151.67188	56139.16595	56191.53906	505670.0	5408663.4
L5670.0	505670.1	5408665.0	17803.90039	317.00	35.41	48.830937	-86.922740	56104.21	56243.5	6.52	56110.72	56151.56250	56137.05568	56189.76953	505670.1	5408665.0
L5670.0	505670.1	5408665.0	17804.00000	317.14	36.3	48.830937	-86.922740	56104.45	56243.5	6.52	56110.97	56151.55078	56138.65766	56191.72266	505670.1	5408665.0
L5670.0	505670.1	5408666.4	17804.09961	317.66	36.3	48.830949	-86.922740	56104.53	56243.5	6.52	56111.05	56151.37109	56137.44446	56190.86328	505670.1	5408666.4
L5670.0	505670.1	5408668.0	17804.19922	317.19	37.22	48.830964	-86.922740	56104.74	56243.5	6.52	56111.26	56151.32813	56140.81985	56194.59766	505670.1	5408668.0
L5670.0	505670.1	5408668.0	17804.30078	316.80	37.61	48.830964	-86.922740	56104.73	56243.5	6.52	56111.25	56151.07422	56139.93037	56194.07031	505670.1	5408668.0
L5670.0	505670.1	5408669.6	17804.40039	316.38	37.61	48.830978	-86.922740	56104.56	56243.5	6.52	56111.08	56150.66406	56136.16314	56190.67188	505670.1	5408669.6
L5670.0	505670.1	5408671.0	17804.50000	318.22	35.81	48.830991	-86.922739	56104.36	56243.5	6.52	56110.88	56150.22656	56132.70887	56187.58984	505670.1	5408671.0
L5670.0	505670.1	5408672.3	17804.59961	317.01	39.28	48.831003	-86.922739	56104.06	56243.5	6.52	56110.58	56149.69922	56127.72744	56182.98828	505670.1	5408672.3
L5670.0	505670.1	5408673.7	17804.69922	315.68	39.28	48.831015	-86.922739	56103.72	56243.5	6.52	56110.24	56149.13672	56122.66512	56178.30469	505670.1	5408673.7
L5670.0	505670.1	5408673.7	17804.80078	315.42	32.98	48.831015	-86.922739	56103.37	56243.5	6.52	56109.89	56148.57031	56118.21358	56174.23828	505670.1	5408673.7
L5670.0	505670.1	5408675.1	17804.90039	308.66	35.55	48.831028	-86.922739	56103.14	56243.5	6.52	56109.66	56148.12891	56117.59928	56174.01563	505670.1	5408675.1
L5670.0	505670.1	5408676.5	17805.00000	308.54	31.59	48.831040	-86.922739	56102.86	56243.5	6.52	56109.38	56147.64453	56116.45547	56173.26563	505670.1	5408676.5
L5670.0	505670.1	5408677.8	17805.09961	315.86	31.59	48.831052	-86.922739	56102.69	56243.5	6.52	56109.21	56147.27734	56118.77680	56175.98828	505670.1	5408677.8
L5670.0	505670.2	5408679.2	17805.19922	317.32	40.32	48.831064	-86.922739	56102.43	56243.5	6.52	56108.96	56146.83203	56119.69805	56177.31250	505670.2	5408679.2
L5670.0	505670.2	5408679.2	17805.30078	316.85	36.99	48.831064	-86.922739	56102.16	56243.5	6.53	56108.69	56146.37500	56120.69172	56178.71094	505670.2	5408679.2
L5670.0	505670.2	5408680.8	17805.40039	311.42	36.99	48.831079	-86.922739	56101.68	56243.5	6.53	56108.20	56145.70313	56116.64170	56175.07422	505670.2	5408680.8
L5670.0	505670.1	5408682.4	17805.50000	313.11	40.91	48.831093	-86.922739	56101.18	56243.5	6.53	56107.71	56145.03516	56113.08560	56171.92969	505670.1	5408682.4
L5670.0	505670.1	5408683.5	17805.59961	317.26	40.91	48.831104	-86.922739	56100.81	56243.5	6.53	56107.35	56144.50391	56113.29375	56172.55859	505670.1	5408683.5
L5670.0	505670.1	5408683.5	17805.69922	316.98	43.64	48.831104	-86.922739	56100.18	56243.5	6.53	56106.72	56143.71094	56107.06911	56166.75391	505670.1	5408683.5
L5670.0	505670.1	5408684.9	17805.80078	316.15	43.75	48.831116	-86.922739	56099.84	56243.5	6.54	56106.38	56143.21094	56108.63039	56168.73828	505670.1	5408684.9
L5670.0	505670.1	5408686.1	17805.90039	316.15	43.75	48.831127	-86.922739	56099.30	56243.5	6.54	56105.83	56142.50391	56105.22553	56165.76172	505670.1	5408686.1
L5670.0	505670.1	5408687.4	17806.00000	319.15	44.39	48.831139	-86.922739	56098.91	56243.5	6.54	56105.45	56141.97656	56106.52608	56167.49219	505670.1	5408687.4
L5670.0	505670.1	5408688.8	17806.09961	314.39	45.99	48.831151	-86.922740	56098.34	56243.5	6.54	56104.88	56141.26172	56103.31494	56164.71484	505670.1	5408688.8
L5670.0	505670.1	5408690.2	17806.19922	314.22	41.56	48.831164	-86.922740	56097.90	56243.5	6.54	56104.44	56140.68359	56103.76301	56165.59766	505670.1	5408690.2
L5670.0	505670.1	5408690.2	17806.30078	319.30	41.56	48.831164	-86.922740	56097.30	56243.5	6.54	56103.84	56139.94922	56100.41931	56162.68750	505670.1	5408690.2
L5670.0	505670.1	5408692.0	17806.40039	319.74	46.25	48.831180	-86.922740	56096.89	56243.5	6.54	56103.44	56139.42188	56102.51206	56165.21875	505670.1	5408692.0
L5670.0	505670.0	5408693.4	17806.50000	317.84	46.25	48.831192	-86.922740	56096.19	56243.5	6.54	56102.74	56138.59766	56097.17711	56160.32813	505670.0	5408693.4
L5670.0	505670.0	5408693.4	17806.59961	320.56	44.32	48.831192	-86.922740	56095.60	56243.5	6.55	56102.15	56137.88672	56094.94063	56158.53516	505670.0	5408693.4
L5670.0	505670.0	5408695.0	17806.69922	314.52	44.32	48.831207	-86.922741	56094.77	56243.5	6.55	56101.32	56136.94141	56086.80939	56150.84766	505670.0	5408695.0
L5670.0	505670.0	5408695.0	17806.80078	314.16	44.03	48.831207	-86.922741	56094.21	56243.5	6.55	56100.76	56136.27344	56085.86024	56150.34375	505670.0	5408695.0
L5670.0	505670.0	5408697.5	17806.90039	318.72	44.55	48.831230	-86.922741	56093.66	56243.5	6.55	56100.21	56135.61719	56085.39265	56150.32031	505670.0	5408697.5
L5670.0	505670.0	5408698.7	17807.00000	317.85	44.55	48.831240	-86.922741	56093.13	56243.4	6.55	56099.68	56134.98828	56085.63092	56151.00781	505670.0	5408698.7
L5670.0	505670.0	5408698.7	17807.09961	318.06	47.56	48.831240	-86.922741	56092.60	56243.4	6.55	56099.15	56134.36328	56086.03409	56151.85938	505670.0	5408698.7
L5670.0	505670.0	5408700.3	17807.19922	316.40	48.66	48.831255	-86.922740	56092.14	56243.4	6.55	56098.69	56133.80859	56088.32315	56154.59766	505670.0	5408700.3
L5670.0	505670.1	5408701.9	17807.30078	315.84	47.64	48.831269	-86.922740	56091.64	56243.4	6.55	56098.19	56133.22266	56089.70416	56156.42578	505670.1	5408701.9
L5670.0	505670.1	5408703.3	17807.40039	315.49	48.53	48.831282	-86.922739	56091.16	56243.4	6.55	56097.71	56132.66016	56091.65175	56158.82422	505670.1	5408703.3
L5670.0	505670.1	5408704.4	17807.50000	316.94	49.95	48.831292	-86.922739	56090.58	56243.4	6.55	56097.13	56132.00000	56091.18963	56158.81250	505670.1	5408704.4
L5670.0	505670.2	5408705.6	17807.59961	316.57	49.95	48.831302	-86.922738	56090.06	56243.4	6.55	56096.61	56131.40625	56092.24222	56160.31250	505670.2	5408705.6
L5670.0	505670.2	5408706.8	17807.69922	315.56	48.06	48.831313	-86.922738	56089.41	56243.4	6.55	56095.96	56130.68359	56090.15530	56158.67188	505670.2	5408706.8
L5670.0	505670.2	5408706.8	17807.80078	314.10	46.75	48.831313	-86.922738	56088.80	56243.4	6.55	56095.35	56130.00391	56089.05989	56158.02344	505670.2	5408706.8
L5670.0	505670.3	5408709.3	17807.90039	314.87	46.75	48.831336	-86.922737	56088.17	56243.4	6.55	56094.72	56129.31250	56087.47796	56156.88672	505670.3	5408709.3
L5670.0	505670.3	5408710.1	17808.00000	314.27	44.18	48.831342	-86.922736	56087.46	56243.4	6.55	56094.01	56128.53906	56083.94645	56153.80078	505670.3	5408710.1
L5670.0	505670.3	5408710.1	17808.09961	314.17	45.47	48.831342	-86.922736	56086.86	56243.4	6.55	56093.41	56127.88281	56083.02297	56153.32422	505670.3	5408710.1
L5670.0	505670.4	5408711.9	17808.19922	313.32	52.11	48.831359	-86.922736	56086.20	56243.4	6.56	56092.76	56127.17969	56080.83213	56151.57422	505670.4	5408711.9
L5670.0	505670.4	5408713.3	17808.30078	313.22	52.11	48.831371	-86.922735	56085.64	56243.4	6.56	56092.20	56126.56641	56080.74124	56151.92188	505670.4	5408713.3
L5670.0	505670.4	5408714.9	17808.40039	313.77	49.93	48.831386	-86.922734	56084.95	56243.4	6.57	56091.52	56125.83984	56077.64960	56149.26953	505670.4	5408714.9
L5670.0	505670.4	5408714.9	17808.50000	313.45	49.52	48.831386	-86.922734	56084.47	56243.4	6.57	56091.04	56125.31641	56079.33830	56151.39453	505670.4	5408714.9
L5670.0	505670.5	5408716.3	17808.59961	315.10	49.52	48.831399	-86.922734	56083.79	56243.4	6.57	56090.37	56124.60547	56076.26812	56148.75781	505670.5	5408716.3
L5670.0	505670.5	5408717.9	17808.69922	316.70	50.26	48.831413	-86.922734	56083.44	56243.4	6.58	56090.02	56124.21484	56081.02325	56153.94531	505670.5	5408717.9
L5670.0	505670.5	5408719.1	17808.80078	316.55	51.35	48.831423	-86.922733	56082.70	56243.4	6.58	56089.28	56123.44141	56075.95979	56149.30859	505670.5	5408719.1
L5670.0	505670.5	5408719.1	17808.90039	318.44	51.35	48.831423	-86.922733	56082.20	56243.4	6.59	56088.78	56122.90625	56076.79102	56150.56641	505670.5	5408719.1
L5670.0	505670.6	5408721.4	17809.00000	318.09	51.28	48.831445	-86.922733	56081.39	56243.4	6.59	56087.98	56122.07813	56069.82540	56144.02344	505670.6	5408721.4
L5670.0	505670.6	5408722.3	17809.09961	317.35	54.58	48.831453	-86.922733	56080.98	56243.4	6.59	56087.57	56121.63672	56072.73601	56147.35156	505670.6	5408722.3
L5670.0	505670.6	5408722.3	17809.19922	317.34	52.82	48.831453	-86.922733	56080.22	56243.4	6.59	56086.81	56120.85156	56066.40286	56141.43359	505670.6	5408722.3
L5670.0	505670.6	5408723.9	17809.30078	317.74	54.7	48.831467	-86.922732	56079.86	56243.4	6.59	56086.45	56120.46875	56070.45094	56145.89453	505670.6	5408723.9
L5670.0	505670.6	5408725.8	17809.40039	318.63	54.7	48.831484	-86.922732	56079.16	56243.4	6.59	56085.75	56119.75000	56079.60240	56155.45313	505670.6	5408725.8
L5670.0	505670.7	5408727.1	17809.50000	319.58	49.9	48.831495	-86.922731	56078.66	56243.4	6.60	56085.25	56119.23047	56080.11407	56156.36719	505670.7	5408727.1
L5670.0	505670.7	5408728.0	17809.59961	319.42	53.63	48.831504	-86.922731	56077.88	56243.4	6.60	56084.47	56118.43359	56075.38251	56152.03516	505670.7	5408728.0
L5670.0	505670.7	5408729.3	17809.69922	319.28	53.63	48.831515	-86.922731	56077.29	56243.4	6.60	56083.89	56117.83984	56073.75498	56150.80078	505670.7	5408729.3
L5670.0	505670.7	5408730.5	17809.80078	318.96	53.88	48.831526	-86.922730	56076.76	56243.4	6.60	56083.36	56117.29688	56072.63882	56150.07422	505670.7	5408730.5
L5670.0	505670.8	5408731.6	17809.90039	319.08	53.88	48.831536	-86.922730	56076.25	56243.4	6.60	56082.85	56116.77344	56071.51038	56149.33203	505670.8	5408731.6
L5670.0	505670.8	5408732.8	17810.00000	319.82	54.04	48.831547	-86.922729	56075.70	56243.4	6.60	56082.30	56116.21484	56069.30028	56147.50391	505670.8	5408732.8
L5670.0	505670.8	5408732.8	17810.09961	319.91	52.04	48.831547	-86.922729	56075.24	56243.4	6.60	56081.84	56115.74609	56068.33998	56146.91797	505670.8	5408732.8
L5670.0	505670.9	5408734.2	17810.19922	320.02	54.08	48.831559	-86.922729	56074.63	56243.4	6.60	56081.24	56115.14063	56064.51919	56143.46875	505670.9	5408734.2
L5670.0	505670.9	5408735.6	17810.30078	319.56	54.08	48.831572	-86.922728	56074.21	56243.4	6.60	56080.81	56114.70703	56063.40878	56142.72266	505670.9	5408735.6
L5670.0	505670.9	5408736.9	17810.40039	323.49	55.27	48.831584	-86.922728	56073.68	56243.4	6.60	56080.28	56114.17578	56060.18540	56139.85938	505670.9	5408736.9
L5670.0	505671.0	5408738.2	17810.50000	323.49	51.31	48.831596	-86.922727	56073.32	56243.4	6.61	56079.93	56113.82422	56059.87361	56139.90234	505671.0	5408738.2
L5670.0	505671.0	5408738.2	17810.59961	314.70	45.29	48.831596	-86.922727	56072.94	56243.4	6.61	56079.55	56113.44531	56058.73057	56139.10547	505671.0	5408738.2

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5670.0	505671.0	5408740.1	17810.69922	314.92	50.17	48.831612	-86.922727	56072.61	56243.4	6.61	56079.22	56113.11719	56058.19792	56138.91797	505671.0	5408740.1
L5670.0	505671.0	5408741.2	17810.80078	321.46	50.17	48.831623	-86.922726	56072.31	56243.4	6.61	56078.92	56112.82031	56057.93371	56138.98828	505671.0	5408741.2
L5670.0	505671.0	5408742.0	17810.90039	315.20	51.01	48.831630	-86.922726	56072.03	56243.4	6.61	56078.64	56112.54297	56057.77729	56139.16406	505671.0	5408742.0
L5670.0	505671.0	5408743.3	17811.00000	314.66	60.74	48.831641	-86.922726	56071.52	56243.4	6.61	56078.13	56112.03906	56053.35054	56135.06250	505671.0	5408743.3
L5670.0	505671.1	5408744.5	17811.09961	318.70	60.74	48.831652	-86.922726	56071.17	56243.4	6.61	56077.78	56111.69531	56051.54468	56133.57422	505671.1	5408744.5
L5670.0	505671.1	5408746.1	17811.19922	318.18	60.84	48.831666	-86.922725	56070.74	56243.4	6.62	56077.36	56111.28516	56048.33167	56130.67578	505671.1	5408746.1
L5670.0	505671.1	5408747.2	17811.30078	318.82	61.64	48.831677	-86.922725	56070.36	56243.4	6.62	56076.98	56110.91406	56045.65648	56128.30859	505671.1	5408747.2
L5670.0	505671.1	5408748.2	17811.40039	319.43	61.64	48.831685	-86.922725	56070.08	56243.4	6.63	56076.71	56110.65625	56044.75255	56127.70313	505671.1	5408748.2
L5670.0	505671.1	5408749.8	17811.50000	317.37	63.48	48.831699	-86.922725	56069.80	56243.4	6.63	56076.43	56110.38672	56043.53549	56126.78125	505671.1	5408749.8
L5670.0	505671.1	5408749.8	17811.59961	316.66	61.16	48.831699	-86.922725	56069.43	56243.4	6.63	56076.06	56110.02734	56040.62138	56124.15625	505671.1	5408749.8
L5670.0	505671.1	5408751.2	17811.69922	320.42	61.16	48.831712	-86.922725	56069.13	56243.4	6.64	56075.76	56109.74219	56038.81615	56122.63281	505671.1	5408751.2
L5670.0	505671.1	5408752.4	17811.80078	320.04	63.3	48.831723	-86.922725	56068.79	56243.4	6.64	56075.43	56109.42578	56036.37893	56120.47266	505671.1	5408752.4
L5670.0	505671.1	5408753.7	17811.90039	317.15	63.3	48.831735	-86.922725	56068.44	56243.4	6.65	56075.08	56109.09375	56033.48906	56117.85156	505671.1	5408753.7
L5670.0	505671.1	5408753.7	17812.00000	316.41	66	48.831735	-86.922725	56068.16	56243.3	6.65	56074.81	56108.83984	56031.92162	56116.55078	505671.1	5408753.7
L5670.0	505671.1	5408755.9	17812.09961	318.12	66	48.831755	-86.922726	56067.96	56243.4	6.65	56074.61	56108.65625	56031.53468	56116.41797	505671.1	5408755.9
L5670.0	505671.0	5408757.3	17812.19922	319.09	69.78	48.831767	-86.922726	56067.76	56243.4	6.65	56074.41	56108.47656	56031.11164	56116.24609	505671.0	5408757.3
L5670.0	505671.0	5408758.5	17812.30078	319.81	70.03	48.831778	-86.922726	56067.50	56243.4	6.65	56074.15	56108.23828	56029.58152	56114.96094	505671.0	5408758.5
L5670.0	505671.0	5408758.5	17812.40039	318.56	71.77	48.831778	-86.922726	56067.22	56243.4	6.65	56073.86	56107.96875	56027.47704	56113.09766	505671.0	5408758.5
L5670.0	505671.0	5408760.7	17812.50000	318.56	71.77	48.831798	-86.922726	56066.97	56243.4	6.64	56073.62	56107.75000	56026.26662	56112.11719	505671.0	5408760.7
L5670.0	505671.0	5408761.9	17812.59961	318.31	63.69	48.831809	-86.922726	56066.74	56243.4	6.64	56073.39	56107.54297	56025.24609	56111.32422	505671.0	5408761.9
L5670.0	505671.0	5408763.1	17812.69922	319.81	73.28	48.831819	-86.922726	56066.64	56243.4	6.64	56073.28	56107.45703	56026.49016	56112.78906	505671.0	5408763.1
L5670.0	505671.0	5408763.1	17812.80078	320.40	73.26	48.831819	-86.922726	56066.59	56243.4	6.64	56073.24	56107.44141	56029.12124	56115.63281	505671.0	5408763.1
L5670.0	505671.0	5408764.6	17812.90039	320.12	67.03	48.831833	-86.922726	56066.42	56243.4	6.64	56073.06	56107.28516	56029.18866	56115.90625	505671.0	5408764.6
L5670.0	505671.0	5408766.0	17813.00000	320.68	67.03	48.831846	-86.922727	56066.26	56243.4	6.64	56072.90	56107.15234	56029.69349	56116.61328	505671.0	5408766.0
L5670.0	505671.0	5408766.0	17813.09961	323.03	76.72	48.831846	-86.922727	56066.12	56243.4	6.64	56072.76	56107.03906	56030.64274	56117.75781	505671.0	5408766.0
L5670.0	505671.0	5408767.8	17813.19922	321.65	76.99	48.831862	-86.922727	56066.06	56243.4	6.64	56072.70	56107.00781	56033.19924	56120.50391	505671.0	5408767.8
L5670.0	505671.0	5408769.4	17813.30078	320.84	76.99	48.831876	-86.922727	56065.93	56243.4	6.64	56072.58	56106.91797	56034.65598	56122.14453	505671.0	5408769.4
L5670.0	505671.0	5408770.8	17813.40039	321.32	77.93	48.831889	-86.922727	56065.78	56243.4	6.64	56072.43	56106.79688	56035.56917	56123.23438	505671.0	5408770.8
L5670.0	505671.0	5408772.2	17813.50000	321.63	77.69	48.831901	-86.922727	56065.66	56243.4	6.65	56072.30	56106.69922	56036.89830	56124.73438	505671.0	5408772.2
L5670.0	505670.9	5408773.1	17813.59961	323.39	77.69	48.831909	-86.922727	56065.61	56243.4	6.65	56072.25	56106.68359	56039.81206	56127.81250	505670.9	5408773.1
L5670.0	505670.9	5408773.1	17813.69922	324.14	76.22	48.831909	-86.922727	56065.58	56243.4	6.65	56072.22	56106.68750	56043.12172	56131.28516	505670.9	5408773.1
L5670.0	505670.9	5408774.5	17813.80078	323.56	75.68	48.831922	-86.922727	56065.45	56243.4	6.65	56072.10	56106.60156	56044.64156	56132.95703	505670.9	5408774.5
L5670.0	505670.9	5408775.8	17813.90039	321.99	71.99	48.831934	-86.922727	56065.43	56243.4	6.65	56072.08	56106.61719	56048.09366	56136.55859	505670.9	5408775.8
L5670.0	505670.9	5408777.0	17814.00000	321.03	65.76	48.831944	-86.922727	56065.35	56243.3	6.65	56072.00	56106.57422	56050.30824	56138.91406	505670.9	5408777.0
L5670.0	505670.9	5408777.7	17814.09961	321.63	63.85	48.831951	-86.922727	56065.33	56243.3	6.65	56071.98	56106.58984	56053.63368	56142.37891	505670.9	5408777.7
L5670.0	505670.9	5408778.9	17814.19922	320.92	65.9	48.831962	-86.922728	56065.15	56243.3	6.65	56071.80	56106.44922	56053.72175	56142.59766	505670.9	5408778.9
L5670.0	505670.8	5408780.5	17814.30078	320.27	65.9	48.831976	-86.922728	56064.79	56243.3	6.65	56071.44	56106.12891	56050.17513	56139.17969	505670.8	5408780.5
L5670.0	505670.8	5408781.9	17814.40039	321.48	66.97	48.831988	-86.922728	56064.55	56243.3	6.65	56071.20	56105.92969	56048.89239	56138.01953	505670.8	5408781.9
L5670.0	505670.8	5408783.3	17814.50000	321.48	66.8	48.832001	-86.922729	56064.64	56243.3	6.65	56071.29	56106.06250	56053.97994	56143.22266	505670.8	5408783.3
L5670.0	505670.8	5408783.3	17814.59961	319.12	66.8	48.832001	-86.922729	56064.57	56243.3	6.65	56071.22	56106.03516	56055.80385	56145.15625	505670.8	5408783.3
L5670.0	505670.8	5408784.5	17814.69922	318.72	67.65	48.832012	-86.922729	56064.32	56243.3	6.65	56070.97	56105.83203	56053.98113	56143.44141	505670.8	5408784.5
L5670.0	505670.7	5408785.7	17814.80078	319.89	64.79	48.832022	-86.922730	56064.27	56243.3	6.65	56070.92	56105.82422	56055.95049	56145.51172	505670.7	5408785.7
L5670.0	505670.7	5408787.0	17814.90039	320.89	64.79	48.832035	-86.922730	56064.24	56243.3	6.65	56070.89	56105.84375	56058.18290	56147.84375	505670.7	5408787.0
L5670.0	505670.7	5408788.5	17815.00000	319.85	64.85	48.832048	-86.922730	56064.32	56243.3	6.65	56070.97	56105.96875	56062.43363	56152.18750	505670.7	5408788.5
L5670.0	505670.7	5408788.5	17815.09961	321.14	66.51	48.832048	-86.922730	56064.24	56243.3	6.65	56070.89	56105.94141	56063.44201	56153.28125	505670.7	5408788.5
L5670.0	505670.7	5408791.3	17815.19922	319.15	66.51	48.832073	-86.922730	56064.24	56243.3	6.65	56070.90	56106.00000	56066.08886	56156.01172	505670.7	5408791.3
L5670.0	505670.7	5408791.3	17815.30078	319.53	66.26	48.832073	-86.922730	56064.08	56243.3	6.66	56070.74	56105.89063	56065.32129	56155.32422	505670.7	5408791.3
L5670.0	505670.7	5408792.9	17815.40039	319.18	65.95	48.832087	-86.922731	56064.09	56243.3	6.66	56070.75	56105.95313	56067.76252	56157.83984	505670.7	5408792.9
L5670.0	505670.6	5408794.1	17815.50000	320.76	65.95	48.832098	-86.922731	56064.01	56243.3	6.66	56070.67	56105.92969	56068.36722	56158.51563	505670.6	5408794.1
L5670.0	505670.6	5408794.1	17815.59961	321.26	63.32	48.832098	-86.922731	56063.96	56243.3	6.66	56070.62	56105.93359	56069.47873	56159.69531	505670.6	5408794.1
L5670.0	505670.6	5408795.6	17815.69922	321.75	61.5	48.832112	-86.922731	56063.61	56243.3	6.66	56070.27	56105.64063	56064.71746	56154.99609	505670.6	5408795.6
L5670.0	505670.6	5408797.1	17815.80078	321.03	60.28	48.832125	-86.922731	56063.28	56243.3	6.67	56069.94	56105.36719	56060.31073	56150.64844	505670.6	5408797.1
L5670.0	505670.6	5408798.4	17815.90039	321.84	60.28	48.832137	-86.922732	56063.05	56243.3	6.67	56069.72	56105.20703	56058.01274	56148.40625	505670.6	5408798.4
L5670.0	505670.5	5408799.6	17816.00000	320.99	62.18	48.832148	-86.922732	56062.92	56243.3	6.67	56069.59	56105.13672	56057.44486	56147.89063	505670.5	5408799.6
L5670.0	505670.5	5408801.0	17816.09961	320.25	66.78	48.832161	-86.922732	56062.77	56243.3	6.67	56069.44	56105.05078	56056.49976	56146.99219	505670.5	5408801.0
L5670.0	505670.5	5408802.0	17816.19922	320.52	66.78	48.832169	-86.922733	56062.62	56243.3	6.67	56069.29	56104.96484	56055.58120	56146.12109	505670.5	5408802.0
L5670.0	505670.5	5408803.3	17816.30078	320.00	64.37	48.832181	-86.922733	56062.44	56243.3	6.67	56069.11	56104.84766	56054.13361	56144.71484	505670.5	5408803.3
L5670.0	505670.4	5408804.7	17816.40039	320.52	65.44	48.832194	-86.922733	56062.32	56243.3	6.67	56068.99	56104.79297	56053.89487	56144.51172	505670.4	5408804.7
L5670.0	505670.4	5408804.7	17816.50000	320.52	62.67	48.832194	-86.922733	56062.16	56243.3	6.67	56068.83	56104.69922	56052.97230	56143.62500	505670.4	5408804.7
L5670.0	505670.4	5408806.1	17816.59961	318.72	62.67	48.832206	-86.922734	56062.09	56243.3	6.67	56068.76	56104.69922	56053.85171	56144.53906	505670.4	5408806.1
L5670.0	505670.4	5408807.4	17816.69922	318.35	63.71	48.832218	-86.922734	56061.98	56243.3	6.67	56068.65	56104.65625	56054.07807	56144.79297	505670.4	5408807.4
L5670.0	505670.3	5408808.4	17816.80078	318.57	56.47	48.832227	-86.922735	56061.81	56243.3	6.67	56068.48	56104.55859	56053.29658	56144.03906	505670.3	5408808.4
L5670.0	505670.3	5408809.5	17816.90039	318.21	57.91	48.832237	-86.922735	56061.66	56243.3	6.67	56068.33	56104.48047	56053.03204	56143.79688	505670.3	5408809.5
L5670.0	505670.3	5408810.9	17817.00000	320.29	56.97	48.832249	-86.922735	56061.36	56243.3	6.67	56068.03	56104.25391	56050.11045	56140.89844	505670.3	5408810.9
L5670.0	505670.3	5408812.2	17817.09961	321.10	56.97	48.832262	-86.922736	56061.06	56243.3	6.67	56067.73	56104.02734	56047.36494	56138.17188	505670.3	5408812.2
L5670.0	505670.3	5408812.2	17817.19922	318.55	64.26	48.832262	-86.922736	56061.02	56243.3	6.68	56067.70	56104.07422	56049.84677	56140.66797	505670.3	5408812.2
L5670.0	505670.2	5408814.1	17817.30078	318.58	64.26	48.832278	-86.922736	56060.70	56243.3	6.68	56067.38	56103.82813	56047.10644	56137.94141	505670.2	5408814.1
L5670.0	505670.2	5408815.0	17817.40039	318.18	61.62	48.832286	-86.922736	56060.47	56243.3	6.68	56067.15	56103.67969	56046.25383	56137.10156	505670.2	5408815.0
L5670.0	505670.2	5408816.2	17817.50000	320.45	54.01	48.832297	-86.922736	56060.22	56243.3	6.68	56066.90	56103.50781	56045.24880	56136.10547	505670.2	5408816.2
L5670.0	505670.2	5408817.2	17817.59961	320.85	56.28	48.832306	-86.922736	56059.84	56243.3	6.69	56066.53	56103.21875	56042.24338	56133.10938	505670.2	5408817.2
L5670.0	505670.2	5408818.6	17817.69922	319.56	56.28	48.832319	-86.922737	56059.56	56243.3	6.69	56066.25	56103.01953	56041.15740	56132.02734	505670.2	5408818.6
L5670.0	505670.2	5408820.0	17817.80078	320.37	63.55	48.832331	-86.922737	56059.20	56243.3	6.69	56065.90	56102.75000	56039.02434	56129.90234	505670.2	5408820.0
L5670.0	505670.2	5408820.9	17817.90039	319.53	60.59	48.832339	-86.922737	56059.04	56243.3	6.70	56065.73	56102.66406	56040.49023	56131.37109	505670.2	5408820.9
L5670.0	505670.2	5408822.3	17818.00000	317.25	60.94	48.832352	-86.922737	56058.75	56243.3	6.70	56065.45	56102.46875	56040.17808	56131.05859	505670.2	5408822.3
L5670.0	505670.2	5408823.4	17818.09961	317.41	60.94	48.832362	-86.922737	56058.63	56243.3	6.70	56065.33	56102.43750	56043.08375	56133.96484	505670.2	5408823.4
L5670.0	505670.1	5408824.6	17818.19922	318.83	63.56	48.832373	-86.922737	56058.27	56243.3	6.70	56064.96	56102.15234	56041.63620	56132.51172	505670.1	5408824.6
L5670.0	505670.1	5408824.6	17818.30078	321.08	63.53	48.832373	-86.922737	56058.02	56243.3	6.70	56064.72	56102.00000	56042.84115	56133.71484	505670.1	5408824.6
L5670.0	505670.1	5408826.2	17818.40039	319.79	63.53	48.832387	-86.922737	56057.69	56243.3	6.70	56064.38	56101.75000	56042.46588	56133.33594	505670.1	5408826.2
L5670.0	505670.1	5408827.6	17818.50000	319.79	62.76	48.832400	-86.922737	56057.48	56243.3	6.69	56064.18	56101.64063	56044.88643	56135.75000	505670.1	5408827.6
L5670.0	505670.1	5408829.0	17818.59961	321.32	62.76	48.832412	-86.922737	56057.11	56243.3	6.69	56063.80	56101.35156	56044.26930	56135.12500	505670.1	5408829.0
L5670.0	505670.1	5408830.3	17818.69922	322.08	59.29	48.832424	-86.922737	56056.78	56243.3	6.69	56063.47	56101.11328	56044.78869	56135.63672	505670.1	5408830.3
L5670.0	505670.1	5408830.3	17818.80078	321.49	59.29	48.832424	-86.922737	56056.45	56243.3	6.69	56063.14	56100.87500	56045.52156	56136.35938	505670.1	5408830.3
L5670.0	505670.2	5408832.6	17818.90039	321.97	55.5	48.832445	-86.922737	56056.17	56243.3	6.69	56062.86	56100.68750	56047.34288	56138.17188	505670.2	5408832.6
L5670.0	505670.2	5408833.8	17819.00000	314.78	57.35	48.832456	-86.922737	56055.70	56243.3	6.69	56062.39	56100.31250	56045.97771	56136.79297	505670.2	5408833.8
L5670.0	505670.2	5408833.8	17819.09961	315.76	60.83	48.832456	-86.922737	56055.46	56243.3	6.69	56062.16	56100.17578	56049.03515	56139.83594	505670.2	5408833.8
L5670.0	505670.2	5408835.5	17819.19922	315.03	60.83	48.832470	-86.922736	56054.95	56243.3	6.70	56061.65	56099.76172	56047.33119	56138.12109	505670.2	5408835.5
L5670.0	505670.2	5408836.8	17819.30078	316.04	60.55	48.832482	-86.922736	56054.66	56243.3	6.70	56061.36	56099.57031	56049.64154	56140.41406	505670.2	5408836.8
L5670.0	505670.2	5408836.8	17819.40039	316.61	62.51	48.832482	-86.922736	56054.15	56243.3	6.71	56060.85	56099.15625	56048.26423	56139.02344	505670.2	5408836.8
L5670.0	505670.2	5408838.2	17819.50000	316.18	65.51	48.832495	-86.922736	56053.87	56243.3	6.71	56060.58	56098.98438	56051.19297	56141.93750	505670.2	5408838.2
L5670.0	505670.2	5408840.6	17819.59961	318.63	65.51	48.832516	-86.922736	56053.42	56243.3	6.71	56060.13	56098.63281	56051.13102	56141.85547	505670.2	5408840.6
L5670.0	505670.2	5408840.6	17819.69922	311.76	64.88	48.832516	-86.922736	56053.14	56243.3	6.72	56059.86	56098.46094	56054.29131	56145.00000	505670.2	5408840.6
L5670.0	505670.3	5408841.9	17819.80078	312.52	60.73	48.832528	-86.922735	56052.53	56243.3	6.72	56059.25	56097.94922	56051.71790	56142.40625	505670.3	5408841.9
L5670.0	505670.3	5408843.6	17819.90039	314.39	60.73	48.832543	-86.922735	56052.23	56243.3	6.73	56058.95	56097.74609	56054.57624	56145.24609	505670.3	5408843.6

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5670.0	505670.3	5408843.6	17820.00000	315.26	64.61	48.832543	-86.922735	56051.62	56243.3	6.73	56058.35	56097.24609	56052.39477	56143.04688	505670.3	5408843.6
L5670.0	505670.3	5408845.4	17820.09961	314.03	64.61	48.832559	-86.922735	56051.21	56243.3	6.73	56057.95	56096.94922	56053.73316	56144.36328	505670.3	5408845.4
L5670.0	505670.3	5408846.3	17820.19922	319.16	64.44	48.832568	-86.922734	56050.58	56243.3	6.73	56057.31	56096.41016	56051.05664	56141.66406	505670.3	5408846.3
L5670.0	505670.3	5408847.7	17820.30078	318.63	64.44	48.832580	-86.922734	56050.10	56243.3	6.73	56056.83	56096.02734	56051.19989	56141.78906	505670.3	5408847.7
L5670.0	505670.4	5408848.9	17820.40039	319.38	63.02	48.832591	-86.922734	56049.57	56243.3	6.73	56056.30	56095.60156	56050.56663	56141.13281	505670.4	5408848.9
L5670.0	505670.4	5408848.9	17820.50000	319.12	60.23	48.832591	-86.922734	56049.16	56243.3	6.74	56055.90	56095.30078	56052.23522	56142.77734	505670.4	5408848.9
L5670.0	505670.4	5408851.0	17820.59961	319.19	61.16	48.832610	-86.922733	56048.66	56243.3	6.74	56055.40	56094.90234	56052.26571	56142.78516	505670.4	5408851.0
L5670.0	505670.4	5408852.3	17820.69922	318.21	61.64	48.832622	-86.922733	56048.07	56243.3	6.74	56054.81	56094.41406	56050.82104	56141.31641	505670.4	5408852.3
L5670.0	505670.4	5408853.7	17820.80078	318.15	61.64	48.832634	-86.922733	56047.54	56243.3	6.74	56054.28	56093.98438	56050.47327	56140.94141	505670.4	5408853.7
L5670.0	505670.5	5408854.9	17820.90039	318.01	61.98	48.832645	-86.922732	56046.84	56243.3	6.74	56053.58	56093.38672	56047.26186	56137.70703	505670.5	5408854.9
L5670.0	505670.5	5408856.2	17821.00000	318.05	63.45	48.832657	-86.922732	56046.16	56243.3	6.74	56052.90	56092.80859	56044.45352	56134.87109	505670.5	5408856.2
L5670.0	505670.5	5408856.2	17821.09961	316.14	63.45	48.832657	-86.922732	56045.70	56243.3	6.74	56052.44	56092.44922	56045.50849	56135.89844	505670.5	5408856.2
L5670.0	505670.5	5408857.7	17821.19922	316.74	61.37	48.832670	-86.922732	56045.12	56243.3	6.74	56051.86	56091.97266	56044.55920	56134.92188	505670.5	5408857.7
L5670.0	505670.5	5408859.1	17821.30078	317.41	62.05	48.832683	-86.922731	56044.64	56243.3	6.74	56051.38	56091.59375	56045.40883	56135.74609	505670.5	5408859.1
L5670.0	505670.6	5408860.5	17821.40039	316.61	60.37	48.832695	-86.922731	56043.83	56243.3	6.74	56050.57	56090.88281	56040.62239	56130.93359	505670.6	5408860.5
L5670.0	505670.6	5408860.5	17821.50000	316.43	55.5	48.832695	-86.922731	56043.27	56243.3	6.74	56050.01	56090.42578	56040.23481	56130.51563	505670.6	5408860.5
L5670.0	505670.6	5408862.3	17821.59961	318.18	55.5	48.832712	-86.922730	56042.66	56243.3	6.74	56049.40	56089.91406	56039.06308	56129.31250	505670.6	5408862.3
L5670.0	505670.6	5408863.7	17821.69922	318.71	58.87	48.832724	-86.922730	56042.13	56243.3	6.74	56048.87	56089.48438	56039.35287	56129.57422	505670.6	5408863.7
L5670.0	505670.7	5408865.1	17821.80078	318.85	58.96	48.832737	-86.922730	56041.45	56243.3	6.74	56048.19	56088.90625	56037.15672	56127.34766	505670.7	5408865.1
L5670.0	505670.7	5408866.2	17821.90039	318.77	60.62	48.832747	-86.922729	56041.02	56243.3	6.74	56047.76	56088.57422	56038.30260	56128.46094	505670.7	5408866.2
L5670.0	505670.7	5408866.2	17822.00000	317.97	60.62	48.832747	-86.922729	56040.26	56243.3	6.74	56047.00	56087.91406	56034.74801	56124.87500	505670.7	5408866.2
L5670.0	505670.7	5408868.5	17822.09961	318.54	56.71	48.832768	-86.922729	56039.60	56243.3	6.74	56046.34	56087.35156	56033.99775	56124.08984	505670.7	5408868.5
L5670.0	505670.7	5408868.5	17822.19922	319.50	53.23	48.832768	-86.922729	56038.92	56243.3	6.75	56045.67	56086.78125	56033.11930	56123.17969	505670.7	5408868.5
L5670.0	505670.7	5408870.3	17822.30078	317.24	54.07	48.832784	-86.922729	56038.28	56243.3	6.75	56045.03	56086.23828	56033.12802	56123.15625	505670.7	5408870.3
L5670.0	505670.7	5408871.3	17822.40039	316.90	54.07	48.832793	-86.922729	56037.53	56243.2	6.75	56044.28	56085.58594	56030.41131	56120.40234	505670.7	5408871.3
L5670.0	505670.7	5408872.6	17822.50000	322.64	50.08	48.832805	-86.922729	56036.82	56243.2	6.75	56043.57	56084.97266	56028.81361	56118.76953	505670.7	5408872.6
L5670.0	505670.7	5408873.8	17822.59961	322.19	49.31	48.832815	-86.922729	56036.09	56243.2	6.76	56042.84	56084.33984	56026.78076	56116.69922	505670.7	5408873.8
L5670.0	505670.7	5408874.9	17822.69922	321.79	49.31	48.832825	-86.922729	56035.38	56243.2	6.76	56042.14	56083.73438	56025.55800	56115.44141	505670.7	5408874.9
L5670.0	505670.7	5408876.3	17822.80078	320.85	55.41	48.832838	-86.922729	56034.64	56243.2	6.76	56041.41	56083.10156	56023.62335	56113.46875	505670.7	5408876.3
L5670.0	505670.7	5408876.3	17822.90039	321.17	58.27	48.832838	-86.922729	56033.96	56243.2	6.77	56040.72	56082.50391	56022.71648	56112.52344	505670.7	5408876.3
L5670.0	505670.7	5408877.5	17823.00000	314.12	52.2	48.832848	-86.922729	56033.13	56243.2	6.77	56039.90	56081.77734	56018.59548	56108.36328	505670.7	5408877.5
L5670.0	505670.6	5408879.0	17823.09961	313.30	52.2	48.832862	-86.922730	56032.49	56243.2	6.77	56039.26	56081.23438	56018.94970	56108.67578	505670.6	5408879.0
L5670.0	505670.6	5408879.9	17823.19922	307.95	56.67	48.832870	-86.922730	56031.74	56243.2	6.77	56038.51	56080.57422	56016.57505	56106.26172	505670.6	5408879.9
L5670.0	505670.6	5408881.3	17823.30078	308.29	57.21	48.832883	-86.922730	56031.11	56243.2	6.77	56037.88	56080.03906	56017.13629	56106.78125	505670.6	5408881.3
L5670.0	505670.6	5408882.7	17823.40039	312.57	57.21	48.832895	-86.922730	56030.30	56243.2	6.77	56037.07	56079.32031	56013.25649	56102.85938	505670.6	5408882.7
L5670.0	505670.6	5408883.9	17823.50000	310.00	49.63	48.832906	-86.922730	56029.76	56243.2	6.77	56036.53	56078.87109	56015.91022	56105.46875	505670.6	5408883.9
L5670.0	505670.6	5408885.3	17823.59961	309.19	48.96	48.832918	-86.922730	56029.00	56243.2	6.77	56035.77	56078.20313	56013.13627	56102.64844	505670.6	5408885.3
L5670.0	505670.6	5408886.0	17823.69922	311.44	51.92	48.832925	-86.922730	56028.40	56243.2	6.77	56035.17	56077.69141	56014.12613	56103.59375	505670.6	5408886.0
L5670.0	505670.6	5408887.2	17823.80078	318.28	51.92	48.832935	-86.922730	56027.77	56243.2	6.77	56034.54	56077.15234	56014.25538	56103.67578	505670.6	5408887.2
L5670.0	505670.6	5408888.8	17823.90039	319.88	42.38	48.832950	-86.922730	56027.13	56243.2	6.77	56033.90	56076.60156	56013.99206	56103.36719	505670.6	5408888.8
L5670.0	505670.6	5408888.8	17824.00000	320.27	52.54	48.832950	-86.922730	56026.40	56243.2	6.77	56033.17	56075.96094	56011.42948	56100.75391	505670.6	5408888.8
L5670.0	505670.6	5408890.4	17824.09961	320.55	52.54	48.832964	-86.922730	56025.59	56243.2	6.77	56032.36	56075.23828	56006.81020	56096.08594	505670.6	5408890.4
L5670.0	505670.6	5408892.1	17824.19922	320.02	55.32	48.832980	-86.922731	56024.95	56243.2	6.78	56031.73	56074.69531	56006.23256	56095.45703	505670.6	5408892.1
L5670.0	505670.5	5408893.2	17824.30078	317.51	55.32	48.832990	-86.922731	56024.38	56243.2	6.78	56031.16	56074.21094	56006.82871	56096.00391	505670.5	5408893.2
L5670.0	505670.5	5408893.2	17824.40039	316.55	57.64	48.832990	-86.922731	56023.84	56243.2	6.78	56030.62	56073.75781	56007.87311	56096.99609	505670.5	5408893.2
L5670.0	505670.5	5408894.6	17824.50000	315.21	57.75	48.833002	-86.922731	56023.34	56243.2	6.78	56030.12	56073.34766	56009.58752	56098.65625	505670.5	5408894.6
L5670.0	505670.5	5408896.2	17824.59961	314.43	52.27	48.833016	-86.922731	56022.73	56243.2	6.79	56029.52	56072.83203	56008.69538	56097.71094	505670.5	5408896.2
L5670.0	505670.5	5408897.4	17824.69922	314.21	52.27	48.833027	-86.922731	56022.10	56243.2	6.79	56028.89	56072.28906	56006.83259	56095.79297	505670.5	5408897.4
L5670.0	505670.5	5408897.4	17824.80078	311.95	49.11	48.833027	-86.922731	56021.34	56243.2	6.79	56028.13	56071.61328	56001.66345	56090.56641	505670.5	5408897.4
L5670.0	505670.5	5408899.2	17824.90039	306.16	52.02	48.833043	-86.922732	56020.78	56243.2	6.80	56027.58	56071.14844	56001.12008	56089.96875	505670.5	5408899.2
L5670.0	505670.4	5408900.5	17825.00000	307.65	54.25	48.833056	-86.922732	56020.36	56243.2	6.80	56027.16	56070.81250	56003.30635	56092.09375	505670.4	5408900.5
L5670.0	505670.4	5408901.5	17825.09961	306.37	55.99	48.833064	-86.922732	56019.88	56243.2	6.80	56026.68	56070.41797	56003.78136	56092.51172	505670.4	5408901.5
L5670.0	505670.4	5408902.8	17825.19922	307.35	55.99	48.833076	-86.922732	56019.36	56243.2	6.80	56026.17	56069.99219	56003.23444	56091.90234	505670.4	5408902.8
L5670.0	505670.4	5408904.2	17825.30078	307.58	53.23	48.833088	-86.922733	56018.71	56243.2	6.81	56025.51	56069.41797	55998.88448	56087.49219	505670.4	5408904.2
L5670.0	505670.3	5408905.6	17825.40039	316.64	46.23	48.833101	-86.922733	56018.23	56243.2	6.81	56025.04	56069.03516	55998.58907	56087.13672	505670.3	5408905.6
L5670.0	505670.3	5408905.6	17825.50000	314.93	48.21	48.833101	-86.922733	56017.77	56243.2	6.81	56024.58	56068.66016	55998.16469	56086.64844	505670.3	5408905.6
L5670.0	505670.3	5408906.7	17825.59961	314.97	52.89	48.833111	-86.922733	56017.49	56243.2	6.81	56024.30	56068.46484	56001.52784	56089.94531	505670.3	5408906.7
L5670.0	505670.3	5408908.3	17825.69922	314.65	52.89	48.833126	-86.922734	56016.89	56243.2	6.81	56023.71	56067.95703	55997.36719	56085.71875	505670.3	5408908.3
L5670.0	505670.3	5408909.9	17825.80078	315.59	52.02	48.833140	-86.922734	56016.46	56243.2	6.82	56023.27	56067.60547	55996.30727	56084.59375	505670.3	5408909.9
L5670.0	505670.3	5408909.9	17825.90039	317.18	53.04	48.833140	-86.922734	56016.03	56243.2	6.82	56022.85	56067.26953	55995.35470	56083.57422	505670.3	5408909.9
L5670.0	505670.3	5408911.3	17826.00000	316.73	53.04	48.833153	-86.922734	56015.78	56243.2	6.82	56022.60	56067.10547	55998.00699	56086.16016	505670.3	5408911.3
L5670.0	505670.2	5408912.5	17826.09961	317.23	55.29	48.833163	-86.922734	56015.44	56243.2	6.82	56022.26	56066.85547	55998.24138	56086.32422	505670.2	5408912.5
L5670.0	505670.2	5408914.1	17826.19922	317.63	55.29	48.833177	-86.922735	56015.17	56243.2	6.82	56021.99	56066.67188	55999.78759	56087.80078	505670.2	5408914.1
L5670.0	505670.2	5408915.6	17826.30078	308.82	49.2	48.833191	-86.922735	56014.89	56243.2	6.82	56021.71	56066.48047	56000.79118	56088.73438	505670.2	5408915.6
L5670.0	505670.2	5408915.6	17826.40039	309.27	56.03	48.833191	-86.922735	56014.41	56243.2	6.82	56021.23	56066.08984	55996.83830	56084.71094	505670.2	5408915.6
L5670.0	505670.2	5408917.0	17826.50000	317.61	56.03	48.833204	-86.922735	56013.98	56243.2	6.82	56020.80	56065.75000	55993.77004	56081.57422	505670.2	5408917.0
L5670.0	505670.2	5408918.3	17826.59961	318.20	58.54	48.833216	-86.922735	56013.50	56243.2	6.82	56020.32	56065.35938	55989.28301	56077.01172	505670.2	5408918.3
L5670.0	505670.2	5408919.3	17826.69922	317.28	54.07	48.833224	-86.922735	56013.32	56243.2	6.82	56020.14	56065.27344	55991.45510	56079.11328	505670.2	5408919.3
L5670.0	505670.2	5408920.8	17826.80078	313.31	52.91	48.833238	-86.922735	56013.20	56243.2	6.82	56020.01	56065.23438	55994.46503	56082.05078	505670.2	5408920.8
L5670.0	505670.2	5408922.0	17826.90039	312.66	52.91	48.833249	-86.922735	56012.94	56243.2	6.82	56019.76	56065.08203	55994.44137	56081.95313	505670.2	5408922.0
L5670.0	505670.2	5408922.6	17827.00000	312.17	52.91	48.833254	-86.922735	56012.74	56243.2	6.82	56019.56	56064.97656	55995.26815	56082.70313	505670.2	5408922.6
L5670.0	505670.2	5408924.1	17827.09961	312.63	46.61	48.833268	-86.922735	56012.96	56243.2	6.82	56019.78	56065.29297	56005.13416	56092.49609	505670.2	5408924.1
L5670.0	505670.2	5408924.8	17827.19922	312.66	52.04	48.833274	-86.922735	56012.79	56243.2	6.82	56019.61	56065.22266	56005.96016	56093.24609	505670.2	5408924.8
L5670.0	505670.2	5408926.1	17827.30078	312.82	53.6	48.833286	-86.922735	56012.44	56243.2	6.82	56019.26	56064.97266	56002.58106	56089.79297	505670.2	5408926.1
L5670.0	505670.2	5408926.1	17827.40039	313.32	53.6	48.833286	-86.922735	56012.18	56243.2	6.82	56019.00	56064.81641	56000.94244	56088.07813	505670.2	5408926.1
L5670.0	505670.2	5408928.6	17827.50000	312.76	48.7	48.833309	-86.922736	56012.16	56243.2	6.82	56018.99	56064.91016	56004.40828	56091.46484	505670.2	5408928.6
L5670.0	505670.2	5408928.6	17827.59961	313.64	53.08	48.833309	-86.922736	56011.93	56243.2	6.83	56018.76	56064.78906	56002.89197	56089.87500	505670.2	5408928.6
L5670.0	505670.1	5408929.9	17827.69922	314.29	53.08	48.833320	-86.922736	56011.68	56243.2	6.83	56018.51	56064.64844	56000.71551	56087.62109	505670.1	5408929.9
L5670.0	505670.1	5408931.2	17827.80078	313.76	51.98	48.833332	-86.922736	56011.45	56243.2	6.83	56018.27	56064.51953	55998.51333	56085.34375	505670.1	5408931.2
L5670.0	505670.1	5408932.6	17827.90039	311.64	55.9	48.833344	-86.922736	56011.30	56243.2	6.83	56018.13	56064.49219	55998.16530	56084.91797	505670.1	5408932.6
L5670.0	505670.1	5408933.8	17828.00000	313.23	55.9	48.833355	-86.922737	56011.17	56243.2	6.83	56018.00	56064.47656	55997.77986	56084.45703	505670.1	5408933.8
L5670.0	505670.0	5408935.1	17828.09961	313.27	59.73	48.833367	-86.922737	56011.14	56243.2	6.83	56017.97	56064.56641	55999.25868	56085.85938	505670.0	5408935.1
L5670.0	505670.0	5408936.5	17828.19922	312.74	55.51	48.833379	-86.922738	56011.09	56243.2	6.83	56017.92	56064.63672	56000.10579	56086.63281	505670.0	5408936.5
L5670.0	505670.0	5408936.5	17828.30078	311.56	52.34	48.833379	-86.922738	56010.92	56243.2	6.83	56017.75	56064.59375	55998.20577	56084.65625	505670.0	5408936.5
L5670.0	505670.0	5408938.1	17828.40039	310.92	52.34	48.833393	-86.922738	56010.89	56243.2	6.83	56017.72	56064.69141	55999.09723	56085.47656	505670.0	5408938.1
L5670.0	505669.9	5408939.2	17828.50000	310.87	58.27	48.833403	-86.922738	56010.89	56243.2	6.83	56017.72	56064.82031	56000.49664	56086.80078	505669.9	5408939.2
L5670.0	505669.9	5408940.4	17828.59961	310.48	61.93	48.833414	-86.922739	56010.82	56243.2	6.83	56017.65	56064.88672	56000.24767	56086.47656	505669.9	5408940.4
L5670.0	505669.9	5408941.5	17828.69922	311.33	60.56	48.833425	-86.922739	56010.71	56243.2	6.83	56017.54	56064.91406	55998.97919	56085.13672	505669.9	5408941.5
L5670.0	505669.9	5408942.9	17828.80078	312.42	60.56	48.833437	-86.922739	56010.71	56243.2	6.83	56017.54	56065.05469	56000.08973	56086.17578	505669.9	5408942.9
L5670.0	505669.9	5408944.1	17828.90039	311.98	59.39	48.833448	-86.922739	56010.72	56243.2	6.83	56017.55	56065.21094	56001.41839	56087.43359	505669.9	5408944.1
L5670.0	505669.9	5408944.1	17829.00000	312.52	54.67	48.833448	-86.922739	56010.69	56243.2	6.83	56017.52	56065.32813	56001.83116	56087.77734	505669.9	5408944.1
L5670.0	505669.9	5408945.3	17829.09961	320.98	54.67	48.833459	-86.922739	56010.59	56243.2	6.83	56017.42	56065.38281	56000.58360	56086.46484	505669.9	5408945.3
L5670.0	505669.9	5408946.6	17829.19922	320.59	56.13	48.833471	-86.922738	56010.59	56243.2	6.83	56017.42	56065.53906	56001.80275	56087.61719	505669.9	5408946.6

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5670.0	505670.0	5408948.0	17829.30078	319.16	58.89	48.833483	-86.922738	56010.59	56243.2	6.83	56017.42	56065.69922	56003.16227	56088.91016	505670.0	5408948.0
L5670.0	505670.0	5408949.6	17829.40039	318.52	60.19	48.833498	-86.922738	56010.62	56243.2	6.83	56017.45	56065.89453	56005.47759	56091.16406	505670.0	5408949.6
L5670.0	505670.0	5408950.3	17829.50000	319.57	60.3	48.833504	-86.922737	56010.56	56243.2	6.83	56017.40	56066.01563	56005.96165	56091.58594	505670.0	5408950.3
L5670.0	505670.0	5408951.7	17829.59961	319.71	60.3	48.833516	-86.922737	56010.41	56243.2	6.84	56017.25	56066.04297	56004.50338	56090.06641	505670.0	5408951.7
L5670.0	505670.0	5408951.7	17829.69922	318.77	58.34	48.833516	-86.922737	56010.31	56243.2	6.84	56017.15	56066.12109	56005.26079	56090.76563	505670.0	5408951.7
L5670.0	505670.0	5408953.3	17829.80078	320.54	58.34	48.833531	-86.922737	56010.18	56243.2	6.84	56017.02	56066.17578	56005.72102	56091.17188	505670.0	5408953.3
L5670.0	505670.1	5408954.5	17829.90039	319.71	56.52	48.833541	-86.922736	56010.19	56243.2	6.84	56017.03	56066.37891	56008.92704	56094.32422	505670.1	5408954.5
L5670.0	505670.1	5408956.1	17830.00000	321.14	56.52	48.833556	-86.922736	56010.03	56243.2	6.84	56016.87	56066.41406	56009.36325	56094.70703	505670.1	5408956.1
L5670.0	505670.1	5408957.3	17830.09961	320.60	59.09	48.833566	-86.922736	56010.36	56243.2	6.84	56017.20	56066.94531	56019.02862	56104.32422	505670.1	5408957.3
L5670.0	505670.1	5408958.8	17830.19922	321.07	59.09	48.833580	-86.922736	56010.44	56243.2	6.84	56017.28	56067.23047	56024.47657	56109.72656	505670.1	5408958.8
L5670.0	505670.1	5408959.8	17830.30078	320.17	59.02	48.833589	-86.922736	56010.48	56243.2	6.84	56017.32	56067.48438	56029.47761	56114.68359	505670.1	5408959.8
L5670.0	505670.1	5408959.8	17830.40039	322.70	58.42	48.833589	-86.922736	56010.06	56243.2	6.84	56016.90	56067.28125	56026.17350	56111.33984	505670.1	5408959.8
L5670.0	505670.1	5408961.4	17830.50000	322.48	58.42	48.833603	-86.922736	56010.01	56243.2	6.84	56016.85	56067.45703	56029.98796	56115.11719	505670.1	5408961.4
L5670.0	505670.1	5408962.7	17830.59961	320.49	58.87	48.833615	-86.922736	56009.50	56243.2	6.84	56016.34	56067.17578	56025.47384	56110.57031	505670.1	5408962.7
L5670.0	505670.1	5408963.5	17830.69922	320.93	57.5	48.833622	-86.922736	56009.32	56243.2	6.84	56016.16	56067.23438	56027.35543	56112.42188	505670.1	5408963.5
L5670.0	505670.1	5408964.8	17830.80078	320.52	57.5	48.833634	-86.922736	56008.92	56243.2	6.84	56015.76	56067.07813	56025.41466	56110.45313	505670.1	5408964.8
L5670.0	505670.0	5408966.4	17830.90039	320.67	56.98	48.833648	-86.922736	56008.67	56243.2	6.84	56015.51	56067.07813	56026.51612	56111.53125	505670.0	5408966.4
L5670.0	505670.0	5408968.2	17831.00000	319.47	56.98	48.833664	-86.922737	56008.11	56243.2	6.84	56014.95	56066.77344	56022.21657	56107.21094	505670.0	5408968.2
L5670.0	505670.0	5408968.2	17831.09961	318.22	55.1	48.833664	-86.922737	56007.83	56243.2	6.84	56014.67	56066.75391	56023.33446	56108.31250	505670.0	5408968.2
L5670.0	505670.0	5408969.8	17831.19922	311.13	55.1	48.833679	-86.922737	56007.45	56243.2	6.84	56014.29	56066.64453	56022.92550	56107.89453	505670.0	5408969.8
L5670.0	505670.0	5408971.2	17831.30078	311.20	54.2	48.833691	-86.922737	56006.85	56243.2	6.84	56013.69	56066.32422	56018.88165	56103.84375	505670.0	5408971.2
L5670.0	505670.0	5408971.2	17831.40039	318.63	54.81	48.833691	-86.922737	56006.36	56243.2	6.84	56013.21	56066.12891	56017.32511	56102.28516	505670.0	5408971.2
L5670.0	505670.0	5408972.3	17831.50000	318.81	54.81	48.833701	-86.922737	56005.88	56243.2	6.85	56012.73	56065.94141	56016.09354	56101.05469	505670.0	5408972.3
L5670.0	505669.9	5408973.7	17831.59961	318.89	59.01	48.833714	-86.922738	56005.48	56243.2	6.85	56012.32	56065.82813	56016.42213	56101.39063	505669.9	5408973.7
L5670.0	505669.9	5408975.5	17831.69922	316.12	59.01	48.833730	-86.922738	56005.15	56243.2	6.85	56012.00	56065.81641	56018.65737	56103.63672	505669.9	5408975.5
L5670.0	505669.9	5408975.5	17831.80078	315.19	57.85	48.833730	-86.922738	56004.67	56243.2	6.85	56011.52	56065.64844	56018.40590	56103.40234	505669.9	5408975.5
L5670.0	505669.9	5408976.8	17831.90039	315.98	58.16	48.833742	-86.922738	56004.37	56243.2	6.85	56011.22	56065.67188	56021.67405	56106.69531	505669.9	5408976.8
L5670.0	505669.9	5408978.2	17832.00000	315.61	59.54	48.833754	-86.922739	56003.66	56243.2	6.85	56010.51	56065.29297	56018.06378	56103.10938	505669.9	5408978.2
L5670.0	505669.9	5408979.5	17832.09961	315.71	59.54	48.833766	-86.922739	56003.25	56243.2	6.85	56010.10	56065.21875	56020.12185	56105.20313	505669.9	5408979.5
L5670.0	505669.9	5408979.5	17832.19922	316.78	57	48.833766	-86.922739	56002.68	56243.2	6.85	56009.52	56064.98828	56019.53608	56104.65625	505669.9	5408979.5
L5670.0	505669.8	5408981.1	17832.30078	316.98	57	48.833781	-86.922739	56001.98	56243.2	6.84	56008.83	56064.65234	56017.34160	56102.50781	505669.8	5408981.1
L5670.0	505669.8	5408982.7	17832.40039	317.59	52.51	48.833795	-86.922739	56001.36	56243.2	6.84	56008.20	56064.38281	56016.59212	56101.80859	505669.8	5408982.7
L5670.0	505669.9	5408984.1	17832.50000	318.61	52.51	48.833807	-86.922739	56000.72	56243.2	6.84	56007.56	56064.11328	56016.04249	56101.31641	505669.9	5408984.1
L5670.0	505669.9	5408984.1	17832.59961	317.01	55.27	48.833807	-86.922739	56000.12	56243.2	6.84	56006.96	56063.89453	56016.62620	56101.96484	505669.9	5408984.1
L5670.0	505669.9	5408986.8	17832.69922	318.75	55.27	48.833832	-86.922738	55999.36	56243.2	6.84	56006.20	56063.52344	56014.64190	56100.05078	505669.9	5408986.8
L5670.0	505669.9	5408986.8	17832.80078	320.85	48.25	48.833832	-86.922738	55998.70	56243.2	6.83	56005.54	56063.26172	56014.91966	56100.40625	505669.9	5408986.8
L5670.0	505669.9	5408988.3	17832.90039	322.13	48.25	48.833846	-86.922737	55997.79	56243.2	6.83	56004.62	56062.74609	56010.68836	56096.26172	505669.9	5408988.3
L5670.0	505670.0	5408989.7	17833.00000	321.43	49.67	48.833858	-86.922737	55997.06	56243.2	6.83	56003.89	56062.42969	56010.44861	56096.11328	505670.0	5408989.7
L5670.0	505670.0	5408989.7	17833.09961	322.23	55.23	48.833858	-86.922737	55996.13	56243.2	6.83	56002.96	56061.92578	56006.79993	56092.56250	505670.0	5408989.7
L5670.0	505670.0	5408991.3	17833.19922	324.78	55.23	48.833872	-86.922736	55995.21	56243.2	6.84	56002.05	56061.44531	56003.94177	56089.81250	505670.0	5408991.3
L5670.0	505670.1	5408992.4	17833.30078	324.26	54.04	48.833882	-86.922736	55994.50	56243.2	6.84	56001.34	56061.17969	56005.35070	56091.33594	505670.1	5408992.4
L5670.0	505670.1	5408994.0	17833.40039	322.05	54.04	48.833897	-86.922735	55993.70	56243.2	6.85	56000.54	56060.82813	56005.45869	56091.57031	505670.1	5408994.0
L5670.0	505670.1	5408994.0	17833.50000	323.04	54.02	48.833897	-86.922735	55992.81	56243.1	6.85	55999.66	56060.41016	56004.45964	56090.69922	505670.1	5408994.0
L5670.0	505670.1	5408995.4	17833.59961	323.49	53.47	48.833909	-86.922735	55991.90	56243.1	6.85	55998.75	56059.96875	56003.31705	56089.69531	505670.1	5408995.4
L5670.0	505670.2	5408997.2	17833.69922	321.79	53.47	48.833925	-86.922734	55990.91	56243.1	6.86	55997.76	56059.45703	56001.09982	56087.62500	505670.2	5408997.2
L5670.0	505670.2	5408997.2	17833.80078	322.78	55.52	48.833925	-86.922734	55989.92	56243.1	6.86	55996.78	56058.96484	55999.51401	56086.19531	505670.2	5408997.2
L5670.0	505670.2	5408998.6	17833.90039	322.33	55.52	48.833938	-86.922733	55988.98	56243.1	6.87	55995.85	56058.53125	55999.26887	56086.11719	505670.2	5408998.6
L5670.0	505670.3	5409000.0	17834.00000	313.04	56.13	48.833950	-86.922733	55987.77	56243.1	6.87	55994.64	56057.82813	55994.38852	56081.41016	505670.3	5409000.0
L5670.0	505670.3	5409001.6	17834.09961	316.21	56.13	48.833965	-86.922732	55986.71	56243.1	6.87	55993.58	56057.28516	55992.68326	56079.88672	505670.3	5409001.6
L5670.0	505670.3	5409003.0	17834.19922	315.22	53.33	48.833977	-86.922732	55985.63	56243.1	6.87	55992.49	56056.72266	55990.87942	56078.27344	505670.3	5409003.0
L5670.0	505670.3	5409003.0	17834.30078	315.22	54.01	48.833977	-86.922732	55984.51	56243.1	6.87	55991.38	56056.14453	55987.28236	56074.87891	505670.3	5409003.0
L5670.0	505670.4	5409004.3	17834.40039	315.67	54.01	48.833989	-86.922732	55983.50	56243.1	6.87	55990.36	56055.67188	55988.19183	56076.00000	505670.4	5409004.3
L5670.0	505670.4	5409005.7	17834.50000	316.20	54.02	48.834002	-86.922731	55982.46	56243.1	6.86	55989.32	56055.18359	55989.04546	56077.07422	505670.4	5409005.7
L5670.0	505670.4	5409007.1	17834.59961	316.61	54.02	48.834014	-86.922731	55981.38	56243.1	6.86	55988.24	56054.66797	55989.34712	56077.60547	505670.4	5409007.1
L5670.0	505670.4	5409008.4	17834.69922	316.65	57.08	48.834026	-86.922731	55980.16	56243.1	6.86	55987.02	56054.02344	55986.69271	56075.19141	505670.4	5409008.4
L5670.0	505670.4	5409008.4	17834.80078	311.64	57.96	48.834026	-86.922731	55978.87	56243.1	6.86	55985.73	56053.31641	55982.90503	56071.65234	505670.4	5409008.4
L5670.0	505670.4	5409009.8	17834.90039	310.45	50.02	48.834038	-86.922730	55977.81	56243.1	6.86	55984.67	56052.84766	55985.10285	56074.10938	505670.4	5409009.8
L5670.0	505670.5	5409011.1	17835.00000	309.84	55.91	48.834051	-86.922730	55976.80	56243.1	6.86	55983.66	56052.44141	55988.85454	56078.13281	505670.5	5409011.1
L5670.0	505670.5	5409012.5	17835.09961	315.10	55.91	48.834063	-86.922730	55975.56	56243.1	6.86	55982.42	56051.81250	55987.66103	56077.21875	505670.5	5409012.5
L5670.0	505670.5	5409013.6	17835.19922	315.12	58.96	48.834073	-86.922730	55974.21	56243.1	6.86	55981.07	56051.08203	55984.40799	56074.25781	505670.5	5409013.6
L5670.0	505670.5	5409014.8	17835.30078	310.12	61.09	48.834083	-86.922730	55972.98	56243.1	6.86	55979.84	56050.48438	55984.38182	56074.53516	505670.5	5409014.8
L5670.0	505670.5	5409015.9	17835.40039	311.09	61.09	48.834094	-86.922729	55971.51	56243.1	6.86	55978.37	56049.65625	55979.31599	56069.78125	505670.5	5409015.9
L5670.0	505670.5	5409017.1	17835.50000	310.71	52.75	48.834104	-86.922729	55970.22	56243.1	6.86	55977.08	56049.01563	55978.81543	56069.60156	505670.5	5409017.1
L5670.0	505670.5	5409018.5	17835.59961	313.35	53.09	48.834117	-86.922729	55968.73	56243.1	6.86	55975.59	56048.18359	55974.16891	56065.28906	505670.5	5409018.5
L5670.0	505670.5	5409018.5	17835.69922	313.09	58.88	48.834117	-86.922729	55967.31	56243.1	6.86	55974.17	56047.43359	55971.54635	56063.01563	505670.5	5409018.5
L5670.0	505670.5	5409019.8	17835.80078	318.53	58.88	48.834129	-86.922729	55965.99	56243.1	6.86	55972.85	56046.78906	55971.65961	56063.48438	505670.5	5409019.8
L5670.0	505670.5	5409021.2	17835.90039	319.75	55.62	48.834142	-86.922730	55964.88	56243.1	6.86	55971.74	56046.36719	55977.11789	56069.31250	505670.5	5409021.2
L5670.0	505670.5	5409022.6	17836.00000	319.53	55.62	48.834154	-86.922730	55963.29	56243.1	6.86	55970.15	56045.47266	55971.83573	56064.40625	505670.5	5409022.6
L5670.0	505670.5	5409022.6	17836.09961	319.43	58.56	48.834154	-86.922730	55961.85	56243.1	6.86	55968.71	56044.73828	55970.47832	56063.44141	505670.5	5409022.6
L5670.0	505670.4	5409024.0	17836.19922	316.93	54.69	48.834166	-86.922730	55960.13	56243.1	6.86	55966.99	56043.73438	55962.90184	56056.26563	505670.4	5409024.0
L5670.0	505670.4	5409025.6	17836.30078	316.32	54.69	48.834181	-86.922731	55958.58	56243.1	6.86	55965.45	56042.91797	55959.99287	56053.77344	505670.4	5409025.6
L5670.0	505670.4	5409027.0	17836.40039	316.13	56.02	48.834193	-86.922731	55956.94	56243.1	6.86	55963.80	56042.00000	55954.87454	56049.07813	505670.4	5409027.0
L5670.0	505670.4	5409027.0	17836.50000	317.51	54.89	48.834193	-86.922731	55955.50	56243.1	6.87	55962.36	56041.30078	55955.22676	56049.86719	505670.4	5409027.0
L5670.0	505670.3	5409029.5	17836.59961	317.09	57.07	48.834215	-86.922732	55953.88	56243.1	6.87	55960.75	56040.43750	55951.94334	56047.03125	505670.3	5409029.5
L5670.0	505670.3	5409029.5	17836.69922	315.94	57.07	48.834215	-86.922732	55952.52	56243.1	6.87	55959.38	56039.82813	55954.87342	56050.42188	505670.3	5409029.5
L5670.0	505670.3	5409030.7	17836.80078	315.55	64.39	48.834226	-86.922732	55950.82	56243.1	6.87	55957.69	56038.90234	55950.56540	56046.58984	505670.3	5409030.7
L5670.0	505670.3	5409032.9	17836.90039	314.84	64.39	48.834247	-86.922732	55949.35	56243.1	6.87	55956.22	56038.20703	55951.96223	56048.46875	505670.3	5409032.9
L5670.0	505670.3	5409032.9	17837.00000	315.25	62.98	48.834247	-86.922732	55947.73	56243.1	6.87	55954.60	56037.37109	55950.21360	56047.21484	505670.3	5409032.9
L5670.0	505670.3	5409034.3	17837.09961	314.56	63.4	48.834259	-86.922733	55946.19	56243.1	6.87	55953.06	56036.62109	55950.77390	56048.28516	505670.3	5409034.3
L5670.0	505670.2	5409035.6	17837.19922	315.57	64.64	48.834271	-86.922733	55944.39	56243.1	6.87	55951.26	56035.62109	55945.69825	56043.72656	505670.2	5409035.6
L5670.0	505670.2	5409036.9	17837.30078	315.83	64.64	48.834283	-86.922733	55942.90	56243.1	6.87	55949.77	56034.93750	55948.21776	56046.78125	505670.2	5409036.9
L5670.0	505670.2	5409038.3	17837.40039	315.05	62.49	48.834295	-86.922733	55941.13	56243.1	6.87	55948.00	56033.98438	55944.73556	56043.83984	505670.2	5409038.3
L5670.0	505670.2	5409038.3	17837.50000	314.61	59.3	48.834295	-86.922733	55939.48	56243.1	6.87	55946.35	56033.15625	55944.38585	56044.04688	505670.2	5409038.3
L5670.0	505670.2	5409040.0	17837.59961	314.86	59.3	48.834311	-86.922733	55937.66	56243.1	6.87	55944.53	56032.16406	55940.69545	56040.92188	505670.2	5409040.0
L5670.0	505670.2	5409041.4	17837.69922	314.67	65.64	48.834323	-86.922733	55935.94	56243.1	6.87	55942.81	56031.28125	55939.62524	56040.42969	505670.2	5409041.4
L5670.0	505670.2	5409042.7	17837.80078	315.01	65.12	48.834335	-86.922733	55934.22	56243.1	6.87	55941.09	56030.40234	55938.93669	56040.33203	505670.2	5409042.7
L5670.0	505670.2	5409042.7	17837.90039	308.40	65.12	48.834335	-86.922733	55932.33	56243.1	6.87	55939.20	56029.36328	55935.09539	56037.09375	505670.2	5409042.7
L5670.0	505670.2	5409044.3	17838.00000	309.30	63.52	48.834349	-86.922733	55930.53	56243.1	6.87	55937.40	56028.42188	55933.55352	56036.16406	505670.2	5409044.3
L5670.0	505670.2	5409045.6	17838.09961	308.95	62.23	48.834360	-86.922733	55928.91	56243.1	6.87	55935.79	56027.67188	55936.17512	56039.41016	505670.2	5409045.6
L5670.0	505670.2	5409046.7	17838.19922	310.79	63.41	48.834371	-86.922733	55926.86	56243.1	6.87	55933.74	56026.49219	55930.43053	56034.30078	505670.2	5409046.7
L5670.0	505670.2	5409046.7	17838.30078	310.36	63.41	48.834371	-86.922733	55924.99	56243.1	6.88	55931.86	56025.48828	55928.47283	56032.99219	505670.2	5409046.7
L5670.0	505670.2	5409048.1	17838.40039	309.29	62.75	48.834383	-86.922733	55922.92	56243.1	6.88	55929.80	56024.30859	55923.51852	56028.69531	505670.2	5409048.1
L5670.0	505670.2	5409049.4	17838.50000	310.31	60.53	48.834395	-86.922733	55920.89	56243.1	6.88	55927.77	56023.16406	55919.60664	56025.45313	505670.2	5409049.4

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5670.0	505670.2	5409050.7	17838.59961	309.88	62.52	48.834407	-86.922733	55918.94	56243.1	6.88	55925.82	56022.10547	55917.58874	56024.11328	505670.2	5409050.7
L5670.0	505670.2	5409052.1	17838.69922	309.88	61.03	48.834419	-86.922733	55917.02	56243.1	6.88	55923.91	56021.09375	55916.65719	56023.87109	505670.2	5409052.1
L5670.0	505670.2	5409053.0	17838.80078	309.32	61.03	48.834427	-86.922733	55915.20	56243.1	6.89	55922.09	56020.17578	55917.64357	56025.55859	505670.2	5409053.0
L5670.0	505670.2	5409054.1	17838.90039	310.16	54.29	48.834437	-86.922733	55913.31	56243.1	6.89	55920.19	56019.18359	55917.52798	56026.15625	505670.2	5409054.1
L5670.0	505670.2	5409055.5	17839.00000	311.70	54.29	48.834449	-86.922732	55911.48	56243.1	6.89	55918.37	56018.27344	55919.10666	56028.45703	505670.2	5409055.5
L5670.0	505670.2	5409056.6	17839.09961	310.59	55.38	48.834460	-86.922732	55909.36	56243.1	6.89	55916.25	56017.06641	55915.89436	56025.97266	505670.2	5409056.6
L5670.0	505670.3	5409057.9	17839.19922	311.77	53.63	48.834472	-86.922732	55907.28	56243.1	6.89	55914.17	56015.90625	55913.75262	56024.57422	505670.3	5409057.9
L5670.0	505670.3	5409057.9	17839.30078	309.80	65.44	48.834472	-86.922732	55904.96	56243.1	6.89	55911.85	56014.50781	55907.98126	56019.55469	505670.3	5409057.9
L5670.0	505670.2	5409059.3	17839.40039	309.36	64.69	48.834484	-86.922732	55902.96	56243.1	6.89	55909.85	56013.43359	55907.94593	56020.27734	505670.2	5409059.3
L5670.0	505670.2	5409060.6	17839.50000	308.55	64.69	48.834496	-86.922733	55900.78	56243.1	6.89	55907.68	56012.19531	55905.45902	56018.55859	505670.2	5409060.6
L5670.0	505670.2	5409061.8	17839.59961	309.13	53.22	48.834506	-86.922733	55898.66	56243.1	6.90	55905.56	56011.00391	55904.18471	56018.06250	505670.2	5409061.8
L5670.0	505670.2	5409062.9	17839.69922	310.79	54.27	48.834516	-86.922733	55896.08	56243.1	6.90	55902.97	56009.34766	55895.53205	56010.19531	505670.2	5409062.9
L5670.0	505670.2	5409063.6	17839.80078	309.43	53.48	48.834523	-86.922733	55893.88	56243.1	6.90	55900.78	56008.09375	55893.87358	56009.33203	505670.2	5409063.6
L5670.0	505670.2	5409064.9	17839.90039	308.39	59.34	48.834535	-86.922733	55891.47	56243.1	6.90	55898.37	56006.62500	55888.95211	56005.21484	505670.2	5409064.9
L5670.0	505670.2	5409066.5	17840.00000	306.39	59.34	48.834549	-86.922733	55889.25	56243.1	6.90	55896.15	56005.34375	55887.57266	56004.64453	505670.2	5409066.5
L5670.0	505670.2	5409067.4	17840.09961	308.21	57.71	48.834557	-86.922734	55886.77	56243.1	6.90	55893.67	56003.80469	55882.22557	56000.11328	505670.2	5409067.4
L5670.0	505670.1	5409068.8	17840.19922	308.82	57.71	48.834570	-86.922734	55884.65	56243.1	6.90	55891.55	56002.62500	55883.35669	56002.07031	505670.1	5409068.8
L5670.0	505670.1	5409068.8	17840.30078	318.06	52.51	48.834570	-86.922734	55882.09	56243.1	6.90	55889.00	56001.01953	55877.57694	55997.12109	505670.1	5409068.8
L5670.0	505670.1	5409070.2	17840.40039	320.00	56.15	48.834582	-86.922734	55879.79	56243.1	6.90	55886.69	55999.65234	55876.33103	55996.71484	505670.1	5409070.2
L5670.0	505670.1	5409071.5	17840.50000	310.79	62.59	48.834594	-86.922734	55877.29	56243.1	6.90	55884.19	55998.09375	55872.19031	55993.41797	505670.1	5409071.5
L5670.0	505670.1	5409072.8	17840.59961	309.89	60.69	48.834606	-86.922734	55875.16	56243.1	6.91	55882.07	55996.91797	55875.33772	55997.41406	505670.1	5409072.8
L5670.0	505670.1	5409074.4	17840.69922	310.25	60.69	48.834620	-86.922734	55872.66	56243.1	6.91	55879.56	55995.35156	55871.98821	55994.91797	505670.1	5409074.4
L5670.0	505670.1	5409074.4	17840.80078	309.98	50.04	48.834620	-86.922734	55870.33	56243.1	6.91	55877.24	55993.97266	55872.70150	55996.49219	505670.1	5409074.4
L5670.0	505670.2	5409076.4	17840.90039	319.30	52.29	48.834638	-86.922733	55867.83	56243.1	6.91	55874.74	55992.41406	55870.62171	55995.28125	505670.2	5409076.4
L5670.0	505670.2	5409077.3	17841.00000	309.45	52.29	48.834646	-86.922733	55865.57	56243.1	6.91	55872.48	55991.08984	55873.86745	55999.39453	505670.2	5409077.3
L5670.0	505670.2	5409078.6	17841.09961	310.30	56.98	48.834658	-86.922733	55862.84	56243.1	6.91	55869.75	55989.29688	55868.47295	55994.87109	505670.2	5409078.6
L5670.0	505670.2	5409078.6	17841.19922	321.78	62.77	48.834658	-86.922733	55859.96	56243.1	6.91	55866.87	55987.35156	55860.45190	55987.72656	505670.2	5409078.6
L5670.0	505670.1	5409080.4	17841.30078	311.16	62.77	48.834674	-86.922734	55856.88	56243.1	6.91	55863.79	55985.20313	55848.57603	55976.73047	505670.1	5409080.4
L5670.0	505670.1	5409081.5	17841.40039	310.87	57.64	48.834684	-86.922734	55854.09	56243.1	6.91	55861.00	55983.33984	55843.24159	55972.27734	505670.1	5409081.5
L5670.0	505670.1	5409082.6	17841.50000	310.65	57.64	48.834694	-86.922734	55851.31	56243.1	6.92	55858.22	55981.48438	55838.73237	55968.65234	505670.1	5409082.6
L5670.0	505670.1	5409084.0	17841.59961	316.47	62.25	48.834706	-86.922735	55848.73	56243.1	6.92	55855.64	55979.82813	55839.44741	55970.25000	505670.1	5409084.0
L5670.0	505670.1	5409084.0	17841.69922	316.93	62.35	48.834706	-86.922735	55845.92	56243.1	6.92	55852.83	55977.93359	55835.78366	55967.47266	505670.1	5409084.0
L5670.0	505670.0	5409085.3	17841.80078	315.42	54.66	48.834718	-86.922735	55843.29	56243.1	6.92	55850.20	55976.21875	55837.17660	55969.75391	505670.0	5409085.3
L5670.0	505670.0	5409086.6	17841.90039	318.23	54.66	48.834730	-86.922736	55840.48	56243.1	6.92	55847.40	55974.32422	55835.51191	55968.97656	505670.0	5409086.6
L5670.0	505670.0	5409088.0	17842.00000	316.51	58.58	48.834742	-86.922736	55837.72	56243.1	6.92	55844.64	55972.46875	55835.77649	55970.12891	505670.0	5409088.0
L5670.0	505669.9	5409089.1	17842.09961	317.27	56.32	48.834752	-86.922736	55834.64	56243.1	6.92	55841.57	55970.29688	55829.38257	55964.62109	505669.9	5409089.1
L5670.0	505669.9	5409090.4	17842.19922	318.49	56.61	48.834764	-86.922737	55831.73	56243.1	6.93	55838.65	55968.26953	55827.65003	55963.77344	505669.9	5409090.4
L5670.0	505669.9	5409091.2	17842.30078	319.43	56.39	48.834771	-86.922737	55828.57	56243.1	6.93	55835.50	55966.00391	55821.11068	55958.11719	505669.9	5409091.2
L5670.0	505669.9	5409092.3	17842.40039	319.99	56.39	48.834781	-86.922737	55825.46	56243.1	6.94	55832.39	55963.77344	55816.58574	55954.47656	505669.9	5409092.3
L5670.0	505669.9	5409093.5	17842.50000	319.19	57.51	48.834791	-86.922737	55822.22	56243.1	6.94	55829.16	55961.41406	55810.02255	55948.78906	505669.9	5409093.5
L5670.0	505669.9	5409094.8	17842.59961	318.54	62.04	48.834803	-86.922737	55819.18	56243.1	6.94	55826.12	55959.23828	55809.49845	55949.14063	505669.9	5409094.8
L5670.0	505669.9	5409096.0	17842.69922	318.09	66.19	48.834815	-86.922737	55815.95	56243.1	6.95	55822.89	55956.86328	55805.18250	55945.69531	505669.9	5409096.0
L5670.0	505669.9	5409096.0	17842.80078	317.02	62.4	48.834815	-86.922737	55812.75	56243	6.95	55819.71	55954.53516	55803.35488	55944.73828	505669.9	5409096.0
L5670.0	505669.9	5409097.2	17842.90039	318.94	62.4	48.834825	-86.922737	55809.32	56243	6.96	55816.28	55951.94531	55796.15605	55938.40234	505669.9	5409097.2
L5670.0	505669.9	5409098.3	17843.00000	320.60	59.9	48.834835	-86.922737	55805.86	56243	6.96	55812.82	55949.31641	55789.38395	55932.48438	505669.9	5409098.3
L5670.0	505669.9	5409099.7	17843.09961	319.72	62.21	48.834848	-86.922737	55802.44	56243	6.96	55809.40	55946.71875	55784.90969	55928.86328	505669.9	5409099.7
L5670.0	505669.9	5409101.3	17843.19922	316.49	62.21	48.834862	-86.922737	55799.07	56243	6.96	55806.03	55944.16016	55783.00820	55927.80469	505669.9	5409101.3
L5670.0	505669.9	5409102.4	17843.30078	315.08	64.82	48.834872	-86.922737	55795.66	56243	6.96	55802.62	55941.55469	55781.31280	55926.94922	505669.9	5409102.4
L5670.0	505669.9	5409103.5	17843.40039	315.27	66.23	48.834882	-86.922737	55792.06	56243	6.96	55799.02	55938.74609	55775.89999	55922.36719	505669.9	5409103.5
L5670.0	505669.9	5409104.7	17843.50000	314.59	65.41	48.834892	-86.922737	55788.35	56243	6.96	55795.31	55935.82031	55768.89505	55916.18359	505669.9	5409104.7
L5670.0	505669.9	5409104.7	17843.59961	315.49	65.41	48.834892	-86.922737	55784.84	56243	6.96	55791.80	55933.07813	55768.36314	55916.46484	505669.9	5409104.7
L5670.0	505669.9	5409105.9	17843.69922	316.03	56.74	48.834903	-86.922737	55781.06	56243	6.96	55788.02	55930.05859	55762.06269	55910.96875	505669.9	5409105.9
L5670.0	505669.9	5409107.2	17843.80078	317.69	61.82	48.834915	-86.922737	55777.47	56243	6.96	55784.43	55927.21875	55761.89973	55911.60156	505669.9	5409107.2
L5670.0	505669.9	5409108.8	17843.90039	320.22	61.82	48.834929	-86.922737	55773.63	56243	6.96	55780.59	55924.11328	55756.50827	55906.99609	505669.9	5409108.8
L5670.0	505669.9	5409108.8	17844.00000	319.78	61.11	48.834929	-86.922737	55769.53	56243	6.96	55776.49	55920.73828	55745.69134	55896.95313	505669.9	5409108.8
L5670.0	505669.8	5409110.1	17844.09961	318.36	66.05	48.834941	-86.922737	55765.76	56243	6.96	55772.72	55917.67969	55744.46602	55896.48828	505669.8	5409110.1
L5670.0	505669.8	5409111.4	17844.19922	311.09	67.55	48.834953	-86.922737	55762.07	56243	6.96	55769.03	55914.68750	55746.34277	55899.11719	505669.8	5409111.4
L5670.0	505669.8	5409112.5	17844.30078	309.91	67.55	48.834962	-86.922738	55757.90	56243	6.96	55764.86	55911.20313	55737.20709	55890.72266	505669.8	5409112.5
L5670.0	505669.8	5409113.4	17844.40039	317.53	67.8	48.834970	-86.922738	55753.59	56243	6.96	55760.55	55907.56641	55725.68058	55879.92188	505669.8	5409113.4
L5670.0	505669.8	5409114.3	17844.50000	316.91	67.62	48.834978	-86.922738	55749.43	56243	6.96	55756.39	55904.06250	55718.92967	55873.88281	505669.8	5409114.3
L5670.0	505669.8	5409115.6	17844.59961	315.59	67.62	48.834990	-86.922738	55745.25	56243	6.97	55752.21	55900.52734	55712.63149	55868.28125	505669.8	5409115.6
L5670.0	505669.8	5409116.9	17844.69922	314.97	63.93	48.835002	-86.922738	55741.02	56243	6.97	55747.99	55896.93750	55706.22996	55862.56641	505669.8	5409116.9
L5670.0	505669.8	5409118.3	17844.80078	315.69	64.22	48.835015	-86.922738	55736.77	56243	6.97	55743.74	55893.30078	55699.89587	55856.90234	505669.8	5409118.3
L5670.0	505669.8	5409119.2	17844.90039	314.58	56.69	48.835023	-86.922738	55732.62	56243	6.97	55739.59	55889.75000	55696.67578	55854.33594	505669.8	5409119.2
L5670.0	505669.8	5409119.2	17845.00000	313.32	56.69	48.835023	-86.922738	55728.22	56243	6.97	55735.19	55885.93359	55688.03136	55846.32813	505669.8	5409119.2
L5670.0	505669.8	5409120.8	17845.09961	316.23	52.39	48.835037	-86.922738	55723.93	56243	6.97	55730.90	55882.21094	55682.54083	55841.46094	505669.8	5409120.8
L5670.0	505669.8	5409122.1	17845.19922	317.73	63.8	48.835049	-86.922738	55719.57	56243	6.98	55726.55	55878.41406	55676.01400	55835.53516	505669.8	5409122.1
L5670.0	505669.8	5409123.2	17845.30078	307.54	66	48.835059	-86.922738	55715.12	56243	6.98	55722.10	55874.50000	55667.38853	55827.50000	505669.8	5409123.2
L5670.0	505669.8	5409124.5	17845.40039	306.36	66	48.835071	-86.922738	55710.52	56243	6.98	55717.50	55870.41797	55655.34063	55816.02344	505669.8	5409124.5
L5670.0	505669.8	5409125.5	17845.50000	305.92	65.58	48.835079	-86.922738	55706.34	56243	6.99	55713.32	55866.74219	55653.43382	55814.66797	505669.8	5409125.5
L5670.0	505669.8	5409127.0	17845.59961	307.00	65.58	48.835093	-86.922738	55701.84	56243	6.99	55708.83	55862.73438	55644.04911	55805.81250	505669.8	5409127.0
L5670.0	505669.8	5409128.3	17845.69922	320.29	65.29	48.835105	-86.922738	55697.52	56243	6.99	55704.51	55858.88281	55638.64948	55800.92578	505669.8	5409128.3
L5670.0	505669.8	5409128.3	17845.80078	322.29	59.87	48.835105	-86.922738	55692.83	56243	6.99	55699.82	55854.64453	55623.95561	55786.72656	505669.8	5409128.3
L5670.0	505669.8	5409129.4	17845.90039	308.53	61	48.835115	-86.922738	55688.23	56243	7.00	55695.23	55850.48828	55611.26823	55774.51172	505669.8	5409129.4
L5670.0	505669.8	5409131.0	17846.00000	309.48	61	48.835129	-86.922738	55683.36	56243	7.00	55690.36	55846.03125	55591.03855	55754.73438	505669.8	5409131.0
L5670.0	505669.8	5409132.3	17846.09961	320.72	63.55	48.835141	-86.922738	55678.94	56243	7.00	55685.94	55842.00781	55581.35261	55745.48047	505669.8	5409132.3
L5670.0	505669.7	5409133.3	17846.19922	312.93	60.55	48.835150	-86.922738	55674.52	56243	7.00	55681.52	55837.96875	55570.93160	55735.46875	505669.7	5409133.3
L5670.0	505669.7	5409134.6	17846.30078	307.58	60.55	48.835162	-86.922738	55670.40	56243	7.01	55677.41	55834.21875	55567.56209	55732.48828	505669.7	5409134.6
L5670.0	505669.7	5409134.6	17846.40039	317.59	59.89	48.835162	-86.922738	55666.02	56243	7.01	55673.03	55830.17969	55556.33273	55721.62500	505669.7	5409134.6
L5670.0	505669.7	5409136.2	17846.50000	321.03	58.81	48.835176	-86.922739	55662.11	56243	7.01	55669.12	55826.58984	55556.13509	55721.77344	505669.7	5409136.2
L5670.0	505669.7	5409137.5	17846.59961	322.50	58.81	48.835188	-86.922739	55657.65	56243	7.01	55664.66	55822.43359	55540.41705	55706.37500	505669.7	5409137.5
L5670.0	505669.6	5409138.4	17846.69922	319.05	56.19	48.835196	-86.922740	55653.91	56243	7.01	55660.92	55818.98047	55542.00636	55708.26172	505669.6	5409138.4
L5670.0	505669.6	5409139.6	17846.80078	319.51	59.58	48.835206	-86.922740	55649.55	56243	7.02	55656.57	55814.89453	55526.03469	55692.56641	505669.6	5409139.6
L5670.0	505669.6	5409140.8	17846.90039	320.06	59.58	48.835218	-86.922740	55645.78	56243	7.02	55652.79	55811.35938	55523.27013	55690.05469	505669.6	5409140.8
L5670.0	505669.5	5409142.2	17847.00000	319.34	61.04	48.835230	-86.922741	55641.56	56243	7.02	55648.57	55807.36328	55507.00021	55674.00781	505669.5	5409142.2
L5670.0	505669.5	5409143.3	17847.09961	318.45	61.37	48.835239	-86.922742	55637.89	56243	7.02	55644.91	55803.91016	55503.40558	55670.61719	505669.5	5409143.3
L5670.0	505669.5	5409143.3	17847.19922	318.58	61.37	48.835239	-86.922742	55633.93	56243	7.02	55640.94	55800.12500	55489.38246	55656.76953	505669.5	5409143.3
L5670.0	505669.5	5409144.6	17847.30078	316.13	60.91	48.835251	-86.922742	55630.46	56243	7.01	55637.47	55796.82422	55486.03971	55653.58203	505669.5	5409144.6
L5670.0	505669.4	5409145.9	17847.40039	315.92	46.21	48.835263	-86.922742	55626.68	56243	7.01	55633.70	55793.19922	55472.19330	55639.86328	505669.4	5409145.9
L5670.0	505669.4	5409147.0	17847.50000	318.97	59.72	48.835273	-86.922743	55623.54	56243	7.01	55630.55	55790.17578	55471.63265	55639.40625	505669.4	5409147.0
L5670.0	505669.4	5409148.2	17847.59961	315.09	59.72	48.835284	-86.922743	55619.98	56243	7.01	55626.99	55786.72266	55457.36047	55625.20703	505669.4	5409148.2
L5670.0	505669.4	5409148.2	17847.69922	314.40	56.29	48.835284	-86.922743	55616.85	56243	7.01	55623.86	55783.67578	55450.91440	55618.81250	505669.4	5409148.2
L5670.0	505669.4	5409149.8	17847.80078	314.92	58.88	48.835298	-86.922743	55613.79	56243	7.00	55620.80	55780.68359	55442.73411	55610.66016	505669.4	5409149.8

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5670.0	505669.3	5409151.1	17847.90039	316.08	58.88	48.835310	-86.922744	55611.06	56243	7.00	55618.06	55777.98828	55438.86830	55606.79688	505669.3	5409151.1
L5670.0	505669.3	5409152.7	17848.00000	315.33	59.34	48.835324	-86.922744	55608.66	56243	7.00	55615.66	55775.61328	55439.43391	55607.33594	505669.3	5409152.7
L5670.0	505669.3	5409152.7	17848.09961	308.83	50.98	48.835324	-86.922744	55606.40	56243	7.00	55613.40	55773.35547	55439.09180	55606.93750	505669.3	5409152.7
L5670.0	505669.3	5409154.6	17848.19922	307.42	53.05	48.835342	-86.922744	55603.92	56243	7.01	55610.92	55770.85938	55428.69113	55596.45703	505669.3	5409154.6
L5670.0	505669.3	5409155.5	17848.30078	317.52	53.07	48.835350	-86.922743	55601.43	56243	7.01	55608.43	55768.33594	55413.25175	55580.91406	505669.3	5409155.5
L5670.0	505669.4	5409157.0	17848.40039	316.55	53.07	48.835363	-86.922743	55599.65	56243	7.01	55606.66	55766.50781	55410.54293	55578.07422	505669.4	5409157.0
L5670.0	505669.4	5409158.3	17848.50000	316.55	52.18	48.835375	-86.922743	55598.15	56243	7.01	55605.17	55764.94141	55409.46811	55576.83984	505669.4	5409158.3
L5670.0	505669.4	5409158.3	17848.59961	312.87	52.18	48.835375	-86.922743	55596.77	56243	7.02	55603.78	55763.45313	55405.43733	55572.62109	505669.4	5409158.3
L5670.0	505669.4	5409159.8	17848.69922	312.80	54.33	48.835388	-86.922742	55595.21	56243	7.02	55602.23	55761.78906	55391.77067	55558.74219	505669.4	5409159.8
L5670.0	505669.5	5409160.9	17848.80078	312.94	56.84	48.835398	-86.922741	55594.21	56243	7.02	55601.24	55760.66016	55386.24578	55552.98438	505669.5	5409160.9
L5670.0	505669.5	5409161.8	17848.90039	315.94	56.15	48.835406	-86.922741	55592.96	56243	7.03	55599.98	55759.24219	55367.86466	55534.33594	505669.5	5409161.8
L5670.0	505669.6	5409163.2	17849.00000	311.98	56.15	48.835418	-86.922740	55592.56	56243	7.03	55599.58	55758.66406	55365.21421	55531.39453	505669.6	5409163.2
L5670.0	505669.6	5409163.2	17849.09961	312.64	55.98	48.835418	-86.922740	55592.18	56243	7.03	55599.22	55758.10938	55357.47524	55523.33594	505669.6	5409163.2
L5670.0	505669.6	5409164.8	17849.19922	316.80	57.06	48.835433	-86.922739	55592.43	56243	7.04	55599.47	55758.14063	55359.36555	55524.88281	505669.6	5409164.8
L5670.0	505669.7	5409166.6	17849.30078	316.99	57.06	48.835449	-86.922738	55592.30	56243	7.04	55599.34	55757.77734	55344.90218	55510.05078	505669.7	5409166.6
L5670.0	505669.7	5409166.6	17849.40039	319.14	57.12	48.835449	-86.922738	55592.94	56243	7.05	55599.98	55758.16016	55277.27935	55442.03125	505669.7	5409166.6
L5670.0	505669.8	5409168.1	17849.50000	319.31	56.39	48.835463	-86.922737	55593.66	56242.9	7.05	55600.71	55758.61328	55271.93931	55436.26953	505669.8	5409168.1
L5670.0	505669.8	5409169.4	17849.59961	320.31	52.47	48.835475	-86.922736	55594.96	56242.9	7.05	55602.01	55759.62109	55273.07935	55436.95703	505669.8	5409169.4
L5670.0	505669.9	5409170.7	17849.69922	319.29	52.47	48.835486	-86.922736	55595.97	56242.9	7.06	55603.03	55760.32813	55265.90822	55429.31250	505669.9	5409170.7
L5670.0	505669.9	5409171.6	17849.80078	321.94	52.47	48.835494	-86.922735	55597.77	56242.9	7.06	55604.83	55761.79297	55269.29083	55432.19922	505669.9	5409171.6
L5670.0	505670.0	5409172.9	17849.90039	317.91	55.36	48.835506	-86.922734	55599.25	56242.9	7.07	55606.31	55762.92578	55263.71370	55426.09766	505670.0	5409172.9
L5670.0	505670.0	5409174.2	17850.00000	319.80	53.33	48.835518	-86.922734	55601.58	56242.9	7.07	55608.65	55764.89453	55270.62534	55432.45703	505670.0	5409174.2
L5670.0	505670.0	5409174.2	17850.09961	323.36	55.54	48.835518	-86.922734	55603.79	56242.9	7.07	55610.86	55766.71484	55272.23211	55433.48828	505670.0	5409174.2
L5670.0	505670.1	5409175.6	17850.19922	321.92	55.54	48.835530	-86.922733	55606.84	56242.9	7.07	55613.91	55769.35938	55286.41729	55447.07422	505670.1	5409175.6
L5670.0	505670.1	5409175.6	17850.30078	320.55	55.77	48.835530	-86.922733	55610.06	56242.9	7.06	55617.12	55772.14844	55300.77720	55460.81250	505670.1	5409175.6
L5670.0	505670.1	5409177.6	17850.40039	320.23	49.64	48.835548	-86.922732	55613.52	56242.9	7.06	55620.58	55775.16406	55317.00478	55476.39453	505670.1	5409177.6
L5670.0	505670.1	5409178.7	17850.50000	320.23	51.1	48.835558	-86.922732	55617.00	56242.9	7.06	55624.06	55778.18750	55330.83840	55489.55469	505670.1	5409178.7
L5670.0	505670.2	5409180.1	17850.59961	320.26	51.82	48.835570	-86.922732	55620.81	56242.9	7.06	55627.87	55781.51953	55348.07496	55506.09766	505670.2	5409180.1
L5670.0	505670.2	5409181.4	17850.69922	322.87	51.82	48.835582	-86.922732	55624.18	56242.9	7.06	55631.24	55784.39844	55354.41743	55511.72266	505670.2	5409181.4
L5670.0	505670.2	5409182.7	17850.80078	323.72	49.9	48.835594	-86.922731	55628.14	56242.9	7.05	55635.19	55787.83984	55368.91124	55525.47656	505670.2	5409182.7
L5670.0	505670.2	5409182.7	17850.90039	314.18	50.95	48.835594	-86.922731	55632.38	56242.9	7.05	55639.43	55791.55078	55386.20275	55542.00781	505670.2	5409182.7
L5670.0	505670.2	5409184.5	17851.00000	314.46	50.95	48.835610	-86.922731	55636.98	56242.9	7.05	55644.03	55795.60938	55407.62345	55562.64453	505670.2	5409184.5
L5670.0	505670.2	5409185.2	17851.09961	322.40	50.74	48.835617	-86.922731	55641.14	56242.9	7.05	55648.20	55799.22266	55418.69385	55572.90625	505670.2	5409185.2
L5670.0	505670.2	5409186.7	17851.19922	321.62	51.82	48.835631	-86.922731	55645.74	56242.9	7.05	55652.79	55803.23828	55435.16151	55588.55078	505670.2	5409186.7
L5670.0	505670.2	5409188.1	17851.30078	320.58	51.82	48.835642	-86.922731	55651.07	56242.9	7.06	55658.13	55807.98828	55463.00170	55615.54297	505670.2	5409188.1
L5670.0	505670.2	5409189.5	17851.40039	320.57	53.45	48.835655	-86.922732	55656.38	56242.9	7.06	55663.43	55812.68750	55487.84766	55639.52344	505670.2	5409189.5
L5670.0	505670.2	5409189.5	17851.50000	319.82	53.1	48.835655	-86.922732	55661.63	56242.9	7.06	55668.69	55817.32813	55509.83656	55660.62500	505670.2	5409189.5
L5670.0	505670.2	5409190.6	17851.59961	317.82	53.1	48.835665	-86.922732	55666.87	56242.9	7.06	55673.93	55821.93359	55529.48024	55679.36328	505670.2	5409190.6
L5670.0	505670.1	5409192.0	17851.69922	314.65	51.37	48.835677	-86.922732	55672.22	56242.9	7.06	55679.28	55826.63672	55549.23074	55698.18750	505670.1	5409192.0
L5670.0	505670.1	5409193.4	17851.80078	313.54	53.02	48.835690	-86.922732	55677.43	56242.9	7.07	55684.49	55831.18750	55564.82341	55712.83984	505670.1	5409193.4
L5670.0	505670.1	5409194.3	17851.90039	314.26	53.64	48.835698	-86.922733	55682.87	56242.9	7.07	55689.93	55835.95313	55582.90720	55729.96484	505670.1	5409194.3
L5670.0	505670.1	5409195.7	17852.00000	317.45	53.64	48.835711	-86.922733	55688.31	56242.9	7.07	55695.38	55840.71875	55599.78696	55745.86719	505670.1	5409195.7
L5670.0	505670.0	5409196.8	17852.09961	317.90	52.78	48.835721	-86.922734	55693.95	56242.9	7.07	55701.02	55845.66016	55618.72249	55763.80469	505670.0	5409196.8
L5670.0	505670.0	5409197.8	17852.19922	318.31	53.29	48.835730	-86.922734	55699.46	56242.9	7.08	55706.54	55850.46875	55634.53213	55778.60547	505670.0	5409197.8
L5670.0	505670.0	5409197.8	17852.30078	317.56	53.29	48.835730	-86.922734	55705.21	56242.9	7.08	55712.29	55855.49609	55643.31250	55786.35938	505670.0	5409197.8
L5670.0	505669.9	5409200.2	17852.40039	319.56	54.18	48.835752	-86.922735	55710.61	56242.9	7.09	55717.70	55860.17188	55650.68435	55792.69141	505669.9	5409200.2
L5670.0	505669.9	5409201.6	17852.50000	319.56	54.5	48.835764	-86.922736	55716.29	56242.9	7.10	55723.38	55865.10547	55664.86471	55805.81641	505669.9	5409201.6
L5670.0	505669.9	5409202.3	17852.59961	318.43	54.5	48.835770	-86.922736	55721.68	56242.9	7.10	55728.78	55869.75000	55671.62992	55811.51172	505669.9	5409202.3
L5670.0	505669.8	5409204.0	17852.69922	319.90	55.36	48.835786	-86.922736	55727.34	56242.9	7.11	55734.45	55874.65234	55685.61929	55824.41797	505669.8	5409204.0
L5670.0	505669.8	5409205.0	17852.80078	316.97	53.66	48.835794	-86.922737	55732.67	56242.9	7.11	55739.78	55879.20703	55691.11261	55828.82031	505669.8	5409205.0
L5670.0	505669.8	5409206.1	17852.90039	315.62	52.66	48.835804	-86.922737	55738.38	56242.9	7.12	55745.49	55884.12891	55707.07526	55843.67578	505669.8	5409206.1
L5670.0	505669.8	5409206.1	17853.00000	317.69	52.66	48.835804	-86.922737	55743.85	56242.9	7.12	55750.97	55888.81250	55717.81738	55853.29688	505669.8	5409206.1
L5670.0	505669.7	5409207.7	17853.09961	316.91	54.33	48.835819	-86.922737	55749.34	56242.9	7.12	55756.46	55893.50000	55729.76817	55864.12109	505669.7	5409207.7
L5670.0	505669.7	5409209.2	17853.19922	316.14	56.57	48.835833	-86.922738	55754.45	56242.9	7.12	55761.58	55897.80859	55733.20641	55866.41797	505669.7	5409209.2
L5670.0	505669.7	5409210.2	17853.30078	315.18	56.57	48.835841	-86.922738	55759.82	56242.9	7.12	55766.94	55902.34766	55744.15064	55876.21484	505669.7	5409210.2
L5670.0	505669.7	5409210.2	17853.40039	313.77	55.45	48.835841	-86.922738	55764.93	56242.9	7.12	55772.05	55906.62891	55749.97829	55880.88672	505669.7	5409210.2
L5670.0	505669.7	5409212.4	17853.50000	313.20	53.87	48.835861	-86.922738	55770.34	56242.9	7.13	55777.47	55911.21094	55765.43713	55895.17969	505669.7	5409212.4
L5670.0	505669.7	5409213.7	17853.59961	314.28	53.87	48.835873	-86.922738	55775.17	56242.9	7.13	55782.29	55915.19141	55766.84073	55895.40625	505669.7	5409213.7
L5670.0	505669.7	5409213.7	17853.69922	315.34	53.41	48.835873	-86.922738	55780.28	56242.9	7.13	55787.40	55919.44922	55777.59553	55904.98047	505669.7	5409213.7
L5670.0	505669.6	5409214.9	17853.80078	317.16	53.84	48.835884	-86.922739	55785.09	56242.9	7.13	55792.21	55923.40625	55782.30138	55908.50000	505669.6	5409214.9
L5670.0	505669.6	5409216.2	17853.90039	315.96	51.12	48.835895	-86.922739	55790.04	56242.9	7.13	55797.17	55927.50391	55792.90498	55917.91406	505669.6	5409216.2
L5670.0	505669.6	5409217.3	17854.00000	317.14	47.12	48.835906	-86.922739	55794.75	56242.9	7.13	55801.88	55931.35156	55830.23042	55954.03906	505669.6	5409217.3
L5670.0	505669.6	5409218.7	17854.09961	317.72	47.12	48.835918	-86.922739	55799.63	56242.9	7.13	55806.76	55935.35938	55840.10510	55962.71094	505669.6	5409218.7
L5670.0	505669.6	5409220.1	17854.19922	318.63	53.77	48.835930	-86.922739	55804.08	56242.9	7.13	55811.21	55938.93359	55843.79602	55965.19531	505669.6	5409220.1
L5670.0	505669.6	5409220.8	17854.30078	320.71	57.44	48.835937	-86.922739	55808.76	56242.9	7.14	55815.89	55942.73438	55852.65686	55972.84766	505669.6	5409220.8
L5670.0	505669.6	5409222.1	17854.40039	321.02	57.44	48.835948	-86.922739	55813.02	56242.9	7.14	55820.15	55946.11328	55855.54651	55974.52734	505669.6	5409222.1
L5670.0	505669.6	5409223.4	17854.50000	321.02	58.69	48.835960	-86.922739	55817.56	56242.9	7.14	55824.70	55949.77734	55864.76209	55982.52734	505669.6	5409223.4
L5670.0	505669.6	5409224.5	17854.59961	317.89	59.87	48.835970	-86.922739	55821.66	56242.9	7.14	55828.81	55952.99609	55867.69759	55984.24609	505669.6	5409224.5
L5670.0	505669.6	5409225.2	17854.69922	318.14	59.87	48.835977	-86.922739	55825.96	56242.9	7.14	55833.11	55956.40625	55875.31683	55990.65234	505669.6	5409225.2
L5670.0	505669.6	5409226.3	17854.80078	319.99	54.09	48.835987	-86.922739	55829.93	56242.9	7.15	55837.08	55959.48438	55878.58926	55992.71094	505669.6	5409226.3
L5670.0	505669.6	5409227.3	17854.90039	318.71	54.12	48.835995	-86.922739	55833.88	56242.9	7.15	55841.03	55962.53906	55882.93777	55995.84375	505669.6	5409227.3
L5670.0	505669.6	5409228.7	17855.00000	315.23	54.31	48.836008	-86.922739	55837.60	56242.8	7.15	55844.75	55965.36328	55884.70263	55996.39063	505669.6	5409228.7
L5670.0	505669.6	5409230.0	17855.09961	310.65	54.31	48.836020	-86.922739	55841.42	56242.8	7.15	55848.57	55968.28516	55889.68433	56000.16016	505669.6	5409230.0
L5670.0	505669.6	5409230.0	17855.19922	309.03	57.36	48.836020	-86.922739	55844.88	56242.8	7.16	55852.04	55970.85547	55889.97227	55999.23828	505669.6	5409230.0
L5670.0	505669.6	5409231.4	17855.30078	314.26	53.62	48.836032	-86.922739	55848.50	56242.8	7.17	55855.67	55973.58984	55894.54895	56002.60938	505669.6	5409231.4
L5670.0	505669.6	5409233.1	17855.40039	308.41	53.62	48.836048	-86.922739	55852.04	56242.8	7.17	55859.21	55976.23047	55899.01943	56005.87891	505669.6	5409233.1
L5670.0	505669.6	5409233.1	17855.50000	318.47	56.17	48.836048	-86.922739	55855.58	56242.8	7.18	55862.75	55978.87500	55904.97020	56010.62891	505669.6	5409233.1
L5670.0	505669.6	5409234.4	17855.59961	319.72	55.37	48.836059	-86.922739	55858.82	56242.8	7.18	55866.00	55981.22656	55907.25574	56011.71875	505669.6	5409234.4
L5670.0	505669.6	5409235.7	17855.69922	319.13	54.96	48.836071	-86.922739	55862.08	56242.8	7.18	55869.26	55983.59375	55911.17721	56014.45313	505669.6	5409235.7
L5670.0	505669.6	5409237.0	17855.80078	319.25	54.96	48.836083	-86.922739	55865.14	56242.8	7.19	55872.33	55985.76953	55913.17085	56015.26563	505669.6	5409237.0
L5670.0	505669.6	5409238.2	17855.90039	318.23	56.57	48.836093	-86.922739	55868.16	56242.8	7.19	55875.35	55987.89844	55915.70522	56016.62500	505669.6	5409238.2
L5670.0	505669.6	5409239.4	17856.00000	317.68	57.82	48.836104	-86.922739	55871.06	56242.8	7.20	55878.26	55989.91797	55917.69139	56017.43750	505669.6	5409239.4
L5670.0	505669.6	5409240.7	17856.09961	318.27	58.27	48.836116	-86.922739	55873.72	56242.8	7.20	55880.92	55991.69531	55916.59136	56015.17578	505669.6	5409240.7
L5670.0	505669.6	5409241.8	17856.19922	317.56	58.27	48.836126	-86.922739	55876.35	56242.8	7.20	55883.55	55993.44141	55916.30330	56013.73438	505669.6	5409241.8
L5670.0	505669.6	5409241.8	17856.30078	318.81	57.31	48.836126	-86.922739	55879.03	56242.8	7.20	55886.23	55995.23828	55918.24339	56014.53125	505669.6	5409241.8
L5670.0	505669.6	5409243.1	17856.40039	319.89	59.6	48.836137	-86.922739	55881.66	56242.8	7.20	55888.86	55996.99219	55920.59093	56015.74219	505669.6	5409243.1
L5670.0	505669.6	5409243.9	17856.50000	319.89	60.73	48.836145	-86.922739	55884.16	56242.8	7.20	55891.36	55998.62109	55921.86454	56015.88672	505669.6	5409243.9
L5670.0	505669.6	5409245.3	17856.59961	316.73	60.73	48.836157	-86.922739	55886.80	56242.8	7.20	55894.00	56000.39063	55926.93368	56019.83984	505669.6	5409245.3
L5670.0	505669.6	5409246.6	17856.69922	318.50	59.75	48.836169	-86.922739	55889.32	56242.8	7.20	55896.52	56002.04688	55931.04823	56022.84766	505669.6	5409246.6
L5670.0	505669.6	5409247.6	17856.80078	319.57	60.66	48.836178	-86.922739	55891.73	56242.8	7.20	55898.93	56003.59766	55934.34489	56025.05078	505669.6	5409247.6
L5670.0	505669.6	5409248.7	17856.90039	319.29	62.26	48.836188	-86.922739	55893.88	56242.8	7.20	55901.08	56004.89453	55934.01959	56023.64063	505669.6	5409248.7
L5670.0	505669.6	5409250.0	17857.00000	319.66	62.26	48.836199	-86.922739	55896.13	56242.8	7.20	55903.33	56006.29688	55936.63961	56025.18750	505669.6	5409250.0
L5670.0	505669.6	5409250.8	17857.09961	320.88	62.14	48.836207	-86.922739	55898.23	56242.8	7.20	55905.43	56007.55469	55937.56974	56025.05859	505669.6	5409250.8

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5670.0	505669.5	5409252.2	17857.19922	317.61	62.01	48.836219	-86.922739	55900.43	56242.8	7.20	55907.63	56008.91797	55941.39089	56027.83203	505669.5	5409252.2
L5670.0	505669.5	5409252.2	17857.30078	317.22	59.8	48.836219	-86.922739	55902.40	56242.8	7.20	55909.61	56010.06641	55942.14331	56027.55078	505669.5	5409252.2
L5670.0	505669.5	5409254.3	17857.40039	319.43	59.8	48.836238	-86.922740	55904.45	56242.8	7.20	55911.66	56011.29297	55945.16510	56029.55078	505669.5	5409254.3
L5670.0	505669.5	5409255.4	17857.50000	318.99	59.89	48.836248	-86.922740	55906.30	56242.8	7.21	55913.50	56012.31250	55945.22237	56028.60156	505669.5	5409255.4
L5670.0	505669.5	5409256.7	17857.59961	320.64	59.89	48.836259	-86.922740	55908.35	56242.8	7.21	55915.55	56013.55078	55950.08928	56032.47266	505669.5	5409256.7
L5670.0	505669.5	5409256.7	17857.69922	320.22	63.47	48.836259	-86.922740	55910.17	56242.8	7.21	55917.37	56014.56641	55951.54929	56032.95313	505669.5	5409256.7
L5670.0	505669.4	5409258.0	17857.80078	320.18	65.39	48.836271	-86.922741	55911.94	56242.8	7.21	55919.15	56015.55078	55953.10289	56033.54297	505669.4	5409258.0
L5670.0	505669.4	5409258.6	17857.90039	320.83	67.36	48.836277	-86.922741	55913.64	56242.8	7.21	55920.85	56016.46094	55953.97463	56033.46875	505669.4	5409258.6
L5670.0	505669.4	5409259.9	17858.00000	319.40	67.36	48.836289	-86.922741	55915.16	56242.8	7.21	55922.37	56017.19922	55952.27925	56030.83594	505669.4	5409259.9
L5670.0	505669.4	5409261.0	17858.09961	318.20	66.54	48.836298	-86.922742	55916.64	56242.8	7.21	55923.86	56017.91797	55950.78153	56028.41797	505669.4	5409261.0
L5670.0	505669.3	5409262.3	17858.19922	318.09	67.4	48.836310	-86.922742	55918.08	56242.8	7.21	55925.30	56018.58984	55949.08018	56025.81641	505669.3	5409262.3
L5670.0	505669.3	5409263.4	17858.30078	319.98	70.09	48.836320	-86.922742	55919.58	56242.8	7.22	55926.79	56019.32422	55949.00309	56024.85156	505669.3	5409263.4
L5670.0	505669.3	5409264.7	17858.40039	320.05	70.09	48.836332	-86.922743	55921.15	56242.8	7.22	55928.37	56020.15234	55951.25999	56026.23828	505669.3	5409264.7
L5670.0	505669.2	5409265.7	17858.50000	320.05	65.25	48.836341	-86.922743	55922.52	56242.8	7.22	55929.74	56020.78516	55950.27328	56024.39844	505669.2	5409265.7
L5670.0	505669.2	5409265.7	17858.59961	317.76	72.17	48.836341	-86.922743	55924.14	56242.8	7.22	55931.36	56021.67188	55954.52102	56027.80859	505669.2	5409265.7
L5670.0	505669.2	5409267.1	17858.69922	320.40	69.57	48.836353	-86.922744	55925.42	56242.8	7.22	55932.64	56022.23047	55953.09433	56025.55859	505669.2	5409267.1
L5670.0	505669.2	5409268.3	17858.80078	319.21	69.57	48.836364	-86.922744	55926.84	56242.8	7.23	55934.07	56022.94531	55955.00711	56026.66797	505669.2	5409268.3
L5670.0	505669.2	5409269.2	17858.90039	318.44	58.35	48.836372	-86.922744	55928.18	56242.8	7.23	55935.41	56023.58203	55955.82200	56026.69922	505669.2	5409269.2
L5670.0	505669.1	5409270.5	17859.00000	319.28	64.54	48.836384	-86.922745	55929.75	56242.8	7.23	55936.98	56024.45313	55961.38261	56031.48828	505669.1	5409270.5
L5670.0	505669.1	5409271.7	17859.09961	319.62	64.54	48.836395	-86.922745	55930.98	56242.8	7.23	55938.22	56025.00781	55961.41935	56030.77344	505669.1	5409271.7
L5670.0	505669.1	5409273.0	17859.19922	321.14	68.61	48.836407	-86.922746	55932.40	56242.8	7.24	55939.64	56025.75000	55965.24319	56033.86328	505669.1	5409273.0
L5670.0	505669.1	5409273.0	17859.30078	318.32	68.71	48.836407	-86.922746	55933.49	56242.8	7.24	55940.73	56026.17578	55963.53843	56031.44141	505669.1	5409273.0
L5670.0	505669.0	5409274.5	17859.40039	316.14	68.69	48.836420	-86.922746	55934.96	56242.8	7.24	55942.20	56026.98438	55969.21799	56036.42188	505669.0	5409274.5
L5670.0	505669.0	5409275.6	17859.50000	317.54	68.69	48.836430	-86.922746	55935.89	56242.8	7.25	55943.14	56027.27734	55965.72627	56032.24609	505669.0	5409275.6
L5670.0	505669.0	5409276.7	17859.59961	319.04	66.83	48.836440	-86.922746	55936.88	56242.8	7.25	55944.13	56027.62891	55963.59900	56029.45703	505669.0	5409276.7
L5670.0	505669.0	5409277.6	17859.69922	316.12	64.04	48.836448	-86.922746	55937.71	56242.7	7.25	55944.97	56027.83984	55959.20196	56024.41406	505669.0	5409277.6
L5670.0	505669.0	5409278.6	17859.80078	317.42	66.85	48.836457	-86.922746	55938.78	56242.7	7.25	55946.03	56028.28125	55959.21363	56023.79688	505669.0	5409278.6
L5670.0	505669.1	5409279.9	17859.90039	318.62	58.39	48.836469	-86.922745	55939.74	56242.7	7.26	55947.00	56028.64453	55958.01774	56021.98828	505669.1	5409279.9
L5670.0	505669.1	5409281.3	17860.00000	319.72	58.39	48.836481	-86.922745	55941.03	56242.7	7.26	55948.29	56029.33594	55962.97790	56026.35547	505669.1	5409281.3
L5670.0	505669.1	5409282.5	17860.09961	318.30	61.38	48.836492	-86.922744	55942.06	56242.7	7.26	55949.32	56029.77734	55963.64829	56026.44922	505669.1	5409282.5
L5670.0	505669.1	5409282.5	17860.19922	318.63	61.38	48.836492	-86.922744	55943.51	56242.7	7.26	55950.77	56030.64844	55972.19519	56034.44141	505669.1	5409282.5
L5670.0	505669.2	5409283.8	17860.30078	321.38	63.91	48.836504	-86.922744	55944.42	56242.7	7.26	55951.68	56030.98828	55971.44863	56033.15625	505669.2	5409283.8
L5670.0	505669.2	5409284.9	17860.40039	320.88	67.94	48.836514	-86.922743	55945.50	56242.7	7.26	55952.76	56031.50781	55974.07898	56035.26172	505669.2	5409284.9
L5670.0	505669.3	5409286.0	17860.50000	320.88	67.94	48.836524	-86.922742	55946.16	56242.7	7.26	55953.42	56031.62109	55969.63792	56030.31641	505669.3	5409286.0
L5670.0	505669.4	5409288.1	17860.59961	319.32	65.16	48.836542	-86.922741	55947.07	56242.7	7.26	55954.33	56031.99219	55969.97043	56030.16016	505669.4	5409288.1
L5670.0	505669.4	5409288.1	17860.69922	317.83	66.11	48.836542	-86.922741	55947.53	56242.7	7.26	55954.79	56031.92188	55962.81869	56022.53906	505669.4	5409288.1
L5670.0	505669.4	5409289.3	17860.80078	318.19	64.82	48.836553	-86.922741	55948.32	56242.7	7.26	55955.58	56032.19531	55961.80323	56021.07031	505669.4	5409289.3
L5670.0	505669.4	5409290.8	17860.90039	318.40	64.82	48.836566	-86.922740	55949.30	56242.7	7.26	55956.56	56032.66406	55964.38789	56023.21875	505669.4	5409290.8
L5670.0	505669.5	5409292.0	17861.00000	318.67	64.64	48.836578	-86.922740	55950.48	56242.7	7.26	55957.74	56033.34766	55971.18887	56029.60156	505669.5	5409292.0
L5670.0	505669.5	5409292.0	17861.09961	319.57	65.16	48.836578	-86.922740	55951.30	56242.7	7.26	55958.56	56033.67578	55971.59474	56029.60547	505669.5	5409292.0
L5670.0	505669.5	5409293.3	17861.19922	319.76	65.16	48.836589	-86.922740	55952.18	56242.7	7.27	55959.45	56034.08594	55974.24235	56031.86719	505669.5	5409293.3
L5670.0	505669.5	5409294.2	17861.30078	312.99	64.41	48.836598	-86.922740	55952.92	56242.7	7.27	55960.19	56034.35938	55973.42375	56030.67969	505669.5	5409294.2
L5670.0	505669.5	5409295.5	17861.40039	312.08	59.58	48.836609	-86.922739	55953.88	56242.7	7.28	55961.16	56034.86719	55978.83205	56035.73438	505669.5	5409295.5
L5670.0	505669.5	5409296.7	17861.50000	322.26	59.84	48.836619	-86.922739	55954.46	56242.7	7.28	55961.74	56034.99609	55974.81219	56031.37500	505669.5	5409296.7
L5670.0	505669.5	5409298.0	17861.59961	315.92	59.84	48.836631	-86.922739	55955.29	56242.7	7.28	55962.58	56035.39844	55977.65734	56033.89844	505669.5	5409298.0
L5670.0	505669.5	5409298.0	17861.69922	315.01	56.42	48.836631	-86.922739	55955.72	56242.7	7.29	55963.01	56035.39453	55970.94220	56026.87891	505669.5	5409298.0
L5670.0	505669.5	5409299.5	17861.80078	311.68	58.52	48.836645	-86.922739	55956.41	56242.7	7.29	55963.70	56035.66406	55970.97047	56026.61719	505669.5	5409299.5
L5670.0	505669.5	5409300.8	17861.90039	311.80	57.41	48.836657	-86.922739	55957.12	56242.7	7.30	55964.42	56035.97266	55972.06739	56027.44141	505669.5	5409300.8
L5670.0	505669.5	5409302.0	17862.00000	316.26	65.07	48.836667	-86.922739	55958.00	56242.7	7.30	55965.30	56036.44922	55977.14853	56032.26172	505669.5	5409302.0
L5670.0	505669.5	5409303.3	17862.09961	315.62	65.07	48.836679	-86.922739	55958.66	56242.7	7.30	55965.96	56036.71484	55977.47480	56032.33984	505669.5	5409303.3
L5670.0	505669.5	5409304.2	17862.19922	314.19	59.48	48.836687	-86.922739	55959.27	56242.7	7.31	55966.57	56036.94141	55977.03454	56031.66797	505669.5	5409304.2
L5670.0	505669.5	5409305.6	17862.30078	311.25	58.72	48.836699	-86.922739	55959.82	56242.7	7.31	55967.13	56037.12500	55975.86584	56030.28516	505669.5	5409305.6
L5670.0	505669.5	5409307.0	17862.40039	310.90	58.72	48.836712	-86.922740	55960.48	56242.7	7.31	55967.79	56037.41797	55977.22808	56031.44531	505669.5	5409307.0
L5670.0	505669.5	5409307.0	17862.50000	312.64	60.8	48.836712	-86.922740	55961.06	56242.7	7.32	55968.38	56037.64844	55977.41343	56031.43750	505669.5	5409307.0
L5670.0	505669.4	5409308.3	17862.59961	310.84	64.69	48.836724	-86.922740	55961.70	56242.7	7.32	55969.01	56037.92969	55978.78961	56032.64063	505669.4	5409308.3
L5670.0	505669.4	5409309.6	17862.69922	312.71	64.69	48.836735	-86.922740	55962.33	56242.7	7.32	55969.65	56038.23047	55980.71055	56034.39844	505669.4	5409309.6
L5670.0	505669.4	5409310.9	17862.80078	311.97	64.18	48.836748	-86.922740	55963.01	56242.7	7.32	55970.33	56038.57813	55983.82747	56037.36328	505669.4	5409310.9
L5670.0	505669.4	5409312.4	17862.90039	312.34	70.92	48.836761	-86.922740	55963.46	56242.7	7.33	55970.79	56038.71484	55982.62932	56036.02734	505669.4	5409312.4
L5670.0	505669.4	5409313.5	17863.00000	313.84	70.92	48.836771	-86.922741	55964.05	56242.7	7.33	55971.38	56038.98828	55984.55464	56037.82813	505669.4	5409313.5
L5670.0	505669.4	5409313.5	17863.09961	313.86	70.69	48.836771	-86.922741	55964.48	56242.7	7.33	55971.81	56039.10938	55983.36398	56036.52344	505669.4	5409313.5
L5670.0	505669.4	5409314.8	17863.19922	314.30	70.52	48.836783	-86.922741	55964.96	56242.7	7.33	55972.29	56039.28906	55983.56899	56036.62500	505669.4	5409314.8
L5670.0	505669.4	5409316.2	17863.30078	307.72	70.58	48.836795	-86.922741	55965.44	56242.7	7.33	55972.76	56039.46484	55983.86943	56036.83594	505669.4	5409316.2
L5670.0	505669.4	5409317.6	17863.40039	308.19	70.58	48.836808	-86.922741	55965.79	56242.7	7.33	55973.12	56039.54297	55981.96152	56034.84766	505669.4	5409317.6
L5670.0	505669.4	5409318.9	17863.50000	307.70	70.94	48.836819	-86.922741	55966.22	56242.7	7.33	55973.54	56039.68359	55981.69158	56034.50781	505669.4	5409318.9
L5670.0	505669.4	5409318.9	17863.59961	308.16	69.32	48.836819	-86.922741	55966.75	56242.7	7.32	55974.08	56039.95703	55984.57511	56037.33203	505669.4	5409318.9
L5670.0	505669.4	5409320.8	17863.69922	310.20	69.32	48.836837	-86.922741	55967.21	56242.7	7.32	55974.53	56040.14063	55985.68504	56038.39453	505669.4	5409320.8
L5670.0	505669.4	5409320.8	17863.80078	319.88	70.26	48.836837	-86.922741	55967.59	56242.7	7.32	55974.91	56040.26563	55985.41359	56038.08203	505669.4	5409320.8
L5670.0	505669.4	5409322.1	17863.90039	320.74	68.37	48.836848	-86.922741	55967.96	56242.7	7.32	55975.29	56040.39844	55985.44042	56038.08203	505669.4	5409322.1
L5670.0	505669.4	5409323.6	17864.00000	315.16	68.37	48.836862	-86.922741	55968.42	56242.7	7.32	55975.74	56040.60547	55987.54495	56040.16406	505669.4	5409323.6
L5670.0	505669.4	5409324.5	17864.09961	315.20	69.18	48.836869	-86.922741	55968.70	56242.7	7.32	55976.02	56040.65234	55985.66605	56038.27344	505669.4	5409324.5
L5670.0	505669.3	5409325.8	17864.19922	324.80	69.18	48.836881	-86.922741	55969.18	56242.7	7.32	55976.51	56040.91406	55989.46402	56042.06641	505669.3	5409325.8
L5670.0	505669.3	5409325.8	17864.30078	325.19	69.6	48.836881	-86.922741	55969.46	56242.7	7.32	55976.78	56040.96094	55987.92570	56040.53125	505669.3	5409325.8
L5670.0	505669.3	5409328.2	17864.40039	323.18	69.77	48.836903	-86.922741	55969.82	56242.7	7.32	55977.14	56041.10547	55989.01022	56041.62891	505669.3	5409328.2
L5670.0	505669.3	5409328.9	17864.50000	316.76	69.77	48.836909	-86.922741	55970.12	56242.7	7.32	55977.45	56041.20313	55989.09925	56041.73438	505669.3	5409328.9
L5670.0	505669.3	5409330.3	17864.59961	315.58	71.13	48.836922	-86.922741	55970.52	56242.7	7.33	55977.85	56041.39844	55991.80054	56044.46094	505669.3	5409330.3
L5670.0	505669.3	5409330.3	17864.69922	318.41	70.88	48.836922	-86.922741	55970.75	56242.7	7.33	55978.07	56041.42188	55990.14294	56042.83594	505669.3	5409330.3
L5670.0	505669.3	5409331.6	17864.80078	318.24	59.05	48.836934	-86.922742	55971.25	56242.7	7.33	55978.58	56041.73828	55996.12903	56048.85938	505669.3	5409331.6
L5670.0	505669.3	5409332.7	17864.90039	317.21	59.05	48.836944	-86.922742	55971.38	56242.7	7.33	55978.71	56041.67969	55992.73396	56045.51172	505669.3	5409332.7
L5670.0	505669.3	5409334.2	17865.00000	316.15	67.92	48.836957	-86.922742	55971.58	56242.7	7.33	55978.91	56041.69922	55991.41080	56044.23828	505669.3	5409334.2
L5670.0	505669.3	5409335.1	17865.09961	314.70	52.94	48.836965	-86.922742	55971.74	56242.7	7.33	55979.07	56041.67969	55989.42791	56042.30859	505669.3	5409335.1
L5670.0	505669.3	5409336.2	17865.19922	314.95	52.94	48.836975	-86.922742	55971.91	56242.7	7.34	55979.25	56041.68750	55988.24545	56041.18750	505669.3	5409336.2
L5670.0	505669.3	5409337.6	17865.30078	314.20	55.86	48.836988	-86.922742	55972.09	56242.7	7.34	55979.43	56041.69922	55987.36492	56040.37500	505669.3	5409337.6
L5670.0	505669.3	5409337.6	17865.40039	308.17	65.12	48.836988	-86.922742	55972.29	56242.7	7.35	55979.64	56041.75000	55987.42764	56040.50781	505669.3	5409337.6
L5670.0	505669.3	5409339.8	17865.50000	308.96	66.58	48.837007	-86.922742	55972.49	56242.6	7.35	55979.84	56041.78906	55987.50265	56040.65625	505669.3	5409339.8
L5670.0	505669.3	5409339.8	17865.59961	309.31	66.58	48.837007	-86.922742	55972.72	56242.6	7.35	55980.08	56041.87500	55988.60624	56041.83594	505669.3	5409339.8
L5670.0	505669.3	5409341.3	17865.69922	310.41	65.51	48.837021	-86.922742	55972.85	56242.6	7.36	55980.21	56041.85547	55987.69318	56041.00391	505669.3	5409341.3
L5670.0	505669.3	5409342.6	17865.80078	313.13	64.19	48.837033	-86.922742	55973.03	56242.6	7.36	55980.39	56041.89063	55988.00205	56041.39844	505669.3	5409342.6
L5670.0	505669.3	5409343.7	17865.90039	313.60	63.58	48.837042	-86.922742	55973.25	56242.6	7.37	55980.62	56041.97656	55989.41584	56042.89844	505669.3	5409343.7
L5670.0	505669.3	5409345.1	17866.00000	312.97	63.81	48.837055	-86.922741	55973.51	56242.6	7.37	55980.88	56042.09766	55991.48554	56045.05859	505669.3	5409345.1
L5670.0	505669.3	5409345.1	17866.09961	312.77	63.81	48.837055	-86.922741	55973.51	56242.6	7.37	55980.88	56041.96484	55989.17914	56042.84375	505669.3	5409345.1
L5670.0	505669.3	5409346.5	17866.19922	309.43	66.33	48.837068	-86.922741	55973.61	56242.6	7.37	55980.98	56041.93359	55988.87629	56042.63672	505669.3	5409346.5
L5670.0	505669.3	5409347.8	17866.30078	308.23	64.29	48.837079	-86.922741	55973.54	56242.6	7.38	55980.91	56041.73438	55985.98212	56039.83984	505669.3	5409347.8
L5670.0	505669.3	5409349.1	17866.40039	307.42	64.29	48.837091	-86.922741	55973.71	56242.6	7.38	55981.09	56041.78906	55987.43456	56041.38672	505669.3	5409349.1

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5670.0	505669.3	5409350.0	17866.50000	306.47	61.51	48.837099	-86.922741	55973.76	56242.6	7.38	55981.14	56041.71875	55986.94395	56040.99609	505669.3	5409350.0
L5670.0	505669.3	5409350.0	17866.59961	306.04	61.51	48.837099	-86.922741	55973.89	56242.6	7.38	55981.27	56041.73047	55987.91122	56042.06250	505669.3	5409350.0
L5670.0	505669.3	5409352.8	17866.69922	306.28	60.07	48.837124	-86.922741	55973.86	56242.6	7.38	55981.24	56041.58203	55986.51400	56040.76563	505669.3	5409352.8
L5670.0	505669.3	5409352.8	17866.80078	306.63	61.63	48.837124	-86.922741	55973.81	56242.6	7.39	55981.20	56041.42969	55985.14468	56039.50000	505669.3	5409352.8
L5670.0	505669.3	5409353.7	17866.90039	305.38	63.46	48.837132	-86.922741	55973.94	56242.6	7.39	55981.33	56041.44922	55986.60183	56041.05859	505669.3	5409353.7
L5670.0	505669.4	5409355.0	17867.00000	305.47	63.46	48.837145	-86.922740	55974.04	56242.6	7.39	55981.43	56041.43750	55987.74300	56042.30078	505669.4	5409355.0
L5670.0	505669.4	5409356.4	17867.09961	307.11	60.26	48.837156	-86.922740	55973.86	56242.6	7.39	55981.25	56041.15234	55984.69170	56039.34766	505669.4	5409356.4
L5670.0	505669.4	5409357.7	17867.19922	309.86	55.2	48.837168	-86.922740	55973.98	56242.6	7.40	55981.38	56041.17578	55986.61290	56041.37109	505669.4	5409357.7
L5670.0	505669.4	5409357.7	17867.30078	309.12	55.36	48.837168	-86.922740	55974.09	56242.6	7.40	55981.49	56041.18359	55988.37564	56043.23438	505669.4	5409357.7
L5670.0	505669.4	5409359.1	17867.40039	310.99	55.36	48.837181	-86.922740	55974.21	56242.6	7.41	55981.62	56041.21094	55990.59845	56045.55469	505669.4	5409359.1
L5670.0	505669.4	5409360.2	17867.50000	312.13	63.9	48.837191	-86.922740	55973.98	56242.6	7.41	55981.39	56040.88281	55987.40180	56042.45313	505669.4	5409360.2
L5670.0	505669.4	5409361.5	17867.59961	311.96	64.17	48.837202	-86.922740	55974.09	56242.6	7.41	55981.50	56040.89453	55989.61264	56044.76172	505669.4	5409361.5
L5670.0	505669.4	5409362.4	17867.69922	311.55	63.13	48.837211	-86.922740	55973.91	56242.6	7.42	55981.33	56040.62891	55987.65547	56042.89844	505669.4	5409362.4
L5670.0	505669.4	5409364.1	17867.80078	311.15	63.13	48.837226	-86.922739	55973.98	56242.6	7.42	55981.41	56040.61328	55989.69405	56045.02734	505669.4	5409364.1
L5670.0	505669.4	5409364.1	17867.90039	309.57	64.37	48.837226	-86.922739	55973.68	56242.6	7.43	55981.11	56040.21875	55986.06397	56041.48828	505669.4	5409364.1
L5670.0	505669.4	5409365.5	17868.00000	310.41	64.37	48.837238	-86.922739	55973.76	56242.6	7.43	55981.19	56040.20313	55988.39286	56043.90625	505669.4	5409365.5
L5670.0	505669.4	5409367.2	17868.09961	308.47	64.62	48.837254	-86.922739	55973.61	56242.6	7.43	55981.04	56039.96094	55987.37673	56042.97266	505669.4	5409367.2
L5670.0	505669.4	5409367.2	17868.19922	307.16	55.03	48.837254	-86.922739	55973.56	56242.6	7.43	55980.99	56039.82031	55988.03005	56043.71094	505669.4	5409367.2
L5670.0	505669.4	5409368.5	17868.30078	307.51	59.08	48.837266	-86.922739	55973.36	56242.6	7.43	55980.78	56039.51563	55986.44587	56042.20313	505669.4	5409368.5
L5670.0	505669.4	5409370.1	17868.40039	306.57	59.08	48.837280	-86.922740	55973.28	56242.6	7.43	55980.70	56039.34766	55986.97384	56042.80859	505669.4	5409370.1
L5670.0	505669.4	5409371.2	17868.50000	307.74	61.21	48.837290	-86.922740	55972.88	56242.6	7.42	55980.30	56038.85547	55982.92925	56038.83594	505669.4	5409371.2
L5670.0	505669.4	5409372.1	17868.59961	304.67	62.41	48.837298	-86.922740	55972.77	56242.6	7.42	55980.20	56038.66406	55983.50615	56039.48438	505669.4	5409372.1
L5670.0	505669.4	5409373.2	17868.69922	305.85	65.09	48.837308	-86.922740	55972.70	56242.6	7.42	55980.12	56038.49609	55984.55108	56040.59375	505669.4	5409373.2
L5670.0	505669.4	5409374.5	17868.80078	306.83	65.09	48.837319	-86.922740	55972.72	56242.6	7.42	55980.14	56038.42578	55987.26769	56043.37109	505669.4	5409374.5
L5670.0	505669.4	5409375.8	17868.90039	306.06	62.49	48.837331	-86.922740	55972.34	56242.6	7.42	55979.76	56037.95703	55984.22799	56040.39063	505669.4	5409375.8
L5670.0	505669.4	5409375.8	17869.00000	306.74	66.33	48.837331	-86.922740	55972.47	56242.6	7.42	55979.89	56037.99609	55989.03157	56045.25000	505669.4	5409375.8
L5670.0	505669.4	5409377.3	17869.09961	305.62	66.33	48.837345	-86.922740	55972.04	56242.6	7.42	55979.46	56037.47266	55985.58132	56041.84766	505669.4	5409377.3
L5670.0	505669.4	5409378.7	17869.19922	306.87	66.77	48.837357	-86.922740	55971.98	56242.6	7.43	55979.41	56037.33203	55988.13945	56044.44922	505669.4	5409378.7
L5670.0	505669.4	5409379.6	17869.30078	307.67	66.25	48.837365	-86.922740	55971.46	56242.6	7.43	55978.89	56036.72266	55983.54521	56039.89844	505669.4	5409379.6
L5670.0	505669.4	5409380.9	17869.40039	307.86	67.57	48.837377	-86.922740	55971.46	56242.6	7.43	55978.89	56036.62891	55987.35476	56043.74219	505669.4	5409380.9
L5670.0	505669.4	5409382.0	17869.50000	308.36	67.57	48.837387	-86.922740	55970.98	56242.6	7.43	55978.41	56036.05859	55983.62996	56040.04688	505669.4	5409382.0
L5670.0	505669.4	5409383.1	17869.59961	310.52	68.87	48.837397	-86.922740	55970.82	56242.6	7.44	55978.26	56035.81641	55985.45480	56041.89844	505669.4	5409383.1
L5670.0	505669.4	5409383.1	17869.69922	311.87	62.64	48.837397	-86.922740	55970.27	56242.6	7.44	55977.71	56035.17188	55980.79084	56037.25781	505669.4	5409383.1
L5670.0	505669.4	5409384.4	17869.80078	312.37	66.94	48.837408	-86.922740	55970.17	56242.6	7.44	55977.61	56034.97656	55983.84603	56040.32813	505669.4	5409384.4
L5670.0	505669.3	5409385.7	17869.90039	313.27	66.94	48.837420	-86.922740	55969.64	56242.6	7.45	55977.09	56034.35938	55979.96101	56036.45313	505669.3	5409385.7
L5670.0	505669.3	5409387.0	17870.00000	313.08	69.07	48.837432	-86.922741	55969.51	56242.6	7.45	55976.96	56034.13281	55982.89241	56039.39063	505669.3	5409387.0
L5670.0	505669.3	5409388.5	17870.09961	313.42	69.35	48.837445	-86.922741	55969.11	56242.6	7.45	55976.56	56033.63281	55981.38395	56037.87891	505669.3	5409388.5
L5670.0	505669.3	5409388.5	17870.19922	313.79	69.18	48.837445	-86.922741	55969.03	56242.6	7.45	55976.48	56033.45313	55985.46640	56041.95703	505669.3	5409388.5
L5670.0	505669.2	5409389.9	17870.30078	313.94	69.18	48.837458	-86.922742	55968.55	56242.6	7.45	55976.00	56032.87109	55982.91401	56039.39063	505669.2	5409389.9
L5670.0	505669.2	5409390.8	17870.40039	316.13	69.25	48.837466	-86.922742	55968.38	56242.6	7.45	55975.82	56032.58984	55985.50910	56041.96875	505669.2	5409390.8
L5670.0	505669.1	5409392.2	17870.50000	316.37	69.26	48.837479	-86.922743	55967.87	56242.6	7.45	55975.32	56031.98828	55982.95509	56039.39063	505669.1	5409392.2
L5670.0	505669.1	5409393.4	17870.59961	315.60	69.26	48.837489	-86.922743	55967.59	56242.6	7.45	55975.04	56031.60156	55984.10187	56040.50781	505669.1	5409393.4
L5670.0	505669.1	5409393.4	17870.69922	311.87	69.41	48.837489	-86.922743	55966.90	56242.6	7.45	55974.35	56030.80469	55978.96934	56035.33984	505669.1	5409393.4
L5670.0	505669.0	5409395.0	17870.80078	307.84	69.47	48.837504	-86.922744	55966.53	56242.6	7.45	55973.98	56030.32422	55979.01507	56035.34375	505669.0	5409395.0
L5670.0	505669.0	5409396.5	17870.90039	306.17	69.75	48.837517	-86.922745	55966.07	56242.6	7.45	55973.52	56029.75391	55977.84473	56034.12891	505669.0	5409396.5
L5670.0	505669.0	5409396.5	17871.00000	304.27	69.75	48.837517	-86.922745	55965.54	56242.6	7.45	55972.99	56029.10938	55975.84124	56032.07031	505669.0	5409396.5
L5670.0	505668.9	5409398.7	17871.09961	304.25	69.27	48.837537	-86.922745	55965.14	56242.5	7.45	55972.59	56028.59766	55975.84185	56032.00781	505668.9	5409398.7
L5670.0	505668.9	5409399.7	17871.19922	305.13	69.53	48.837546	-86.922746	55964.70	56242.5	7.46	55972.16	56028.05078	55975.23103	56031.33203	505668.9	5409399.7
L5670.0	505668.9	5409401.0	17871.30078	303.90	69.53	48.837558	-86.922746	55964.13	56242.5	7.46	55971.58	56027.35156	55971.48007	56027.50781	505668.9	5409401.0
L5670.0	505668.9	5409401.9	17871.40039	303.28	62.6	48.837566	-86.922746	55963.62	56242.5	7.46	55971.08	56026.73047	55970.33528	56026.28125	505668.9	5409401.9
L5670.0	505668.9	5409401.9	17871.50000	301.47	66.98	48.837566	-86.922746	55963.16	56242.5	7.47	55970.63	56026.15625	55970.78162	56026.64453	505668.9	5409401.9
L5670.0	505668.9	5409403.4	17871.59961	299.41	66.98	48.837580	-86.922747	55962.71	56242.5	7.47	55970.18	56025.57813	55971.33961	56027.10938	505668.9	5409403.4
L5670.0	505668.8	5409404.5	17871.69922	301.81	69.51	48.837590	-86.922747	55962.33	56242.5	7.47	55969.80	56025.07031	55974.08550	56029.75391	505668.8	5409404.5
L5670.0	505668.8	5409405.1	17871.80078	303.02	69.62	48.837595	-86.922747	55961.85	56242.5	7.47	55969.32	56024.46094	55974.09872	56029.66016	505668.8	5409405.1
L5670.0	505668.8	5409406.6	17871.90039	305.77	69.79	48.837608	-86.922747	55961.29	56242.5	7.48	55968.77	56023.77734	55972.16554	56027.61328	505668.8	5409406.6
L5670.0	505668.8	5409407.5	17872.00000	307.60	69.83	48.837616	-86.922748	55960.71	56242.5	7.48	55968.19	56023.05859	55969.91439	56025.24219	505668.8	5409407.5
L5670.0	505668.8	5409409.0	17872.09961	308.16	69.83	48.837630	-86.922748	55960.31	56242.5	7.48	55967.78	56022.51172	55970.88704	56026.08984	505668.8	5409409.0
L5670.0	505668.7	5409410.4	17872.19922	309.44	70.16	48.837642	-86.922748	55959.75	56242.5	7.48	55967.22	56021.80859	55969.75018	56024.82031	505668.7	5409410.4
L5670.0	505668.7	5409410.4	17872.30078	309.72	69.66	48.837642	-86.922748	55959.29	56242.5	7.47	55966.76	56021.20313	55970.22513	56025.15234	505668.7	5409410.4
L5670.0	505668.7	5409411.6	17872.40039	309.08	69.81	48.837653	-86.922748	55958.58	56242.5	7.47	55966.05	56020.34766	55966.64398	56021.42578	505668.7	5409411.6
L5670.0	505668.7	5409412.9	17872.50000	308.83	69.81	48.837665	-86.922748	55958.06	56242.5	7.47	55965.53	56019.67578	55966.16509	56020.79297	505668.7	5409412.9
L5670.0	505668.7	5409414.2	17872.59961	310.26	69.75	48.837676	-86.922749	55957.57	56242.5	7.47	55965.04	56019.03516	55966.29032	56020.75781	505668.7	5409414.2
L5670.0	505668.7	5409415.7	17872.69922	312.37	69.71	48.837690	-86.922749	55957.09	56242.5	7.47	55964.56	56018.39844	55966.70779	56021.00781	505668.7	5409415.7
L5670.0	505668.7	5409415.7	17872.80078	313.55	69.65	48.837690	-86.922749	55956.43	56242.5	7.46	55963.90	56017.57813	55963.62489	56017.75000	505668.7	5409415.7
L5670.0	505668.7	5409418.1	17872.90039	313.55	69.65	48.837712	-86.922749	55955.90	56242.5	7.46	55963.36	56016.87500	55962.87031	56016.81641	505668.7	5409418.1
L5670.0	505668.7	5409418.1	17873.00000	314.91	69.65	48.837712	-86.922749	55955.27	56242.5	7.46	55962.73	56016.08203	55960.19880	56013.95703	505668.7	5409418.1
L5670.0	505668.6	5409419.4	17873.09961	315.82	69.75	48.837723	-86.922749	55954.84	56242.5	7.46	55962.30	56015.48438	55961.85252	56015.41406	505668.6	5409419.4
L5670.0	505668.6	5409420.3	17873.19922	316.50	69.8	48.837732	-86.922750	55954.36	56242.5	7.46	55961.81	56014.82031	55962.27899	56015.64063	505668.6	5409420.3
L5670.0	505668.6	5409421.8	17873.30078	316.73	69.83	48.837745	-86.922750	55953.90	56242.5	7.45	55961.36	56014.19531	55963.65135	56016.80469	505668.6	5409421.8
L5670.0	505668.6	5409422.9	17873.40039	317.25	69.83	48.837755	-86.922750	55953.25	56242.5	7.45	55960.70	56013.35938	55960.26082	56013.19922	505668.6	5409422.9
L5670.0	505668.6	5409422.9	17873.50000	316.88	69.83	48.837755	-86.922750	55952.71	56242.6	7.45	55960.16	56012.64063	55959.60057	56012.32031	505668.6	5409422.9
L5670.0	505668.5	5409424.4	17873.59961	315.51	69.83	48.837768	-86.922751	55952.14	56242.6	7.45	55959.59	56011.88672	55958.27322	56010.76563	505668.5	5409424.4
L5670.0	505668.5	5409426.2	17873.69922	317.32	69.83	48.837784	-86.922751	55951.81	56242.6	7.45	55959.25	56011.35938	55962.05062	56014.30859	505668.5	5409426.2
L5670.0	505668.5	5409427.0	17873.80078	317.19	69.83	48.837792	-86.922751	55951.22	56242.6	7.44	55958.67	56010.59375	55960.45945	56012.48047	505668.5	5409427.0
L5670.0	505668.5	5409428.0	17873.90039	318.56	69.83	48.837801	-86.922752	55950.74	56242.6	7.44	55958.18	56009.91016	55960.79118	56012.56641	505668.5	5409428.0
L5670.0	505668.4	5409429.4	17874.00000	318.37	69.83	48.837813	-86.922752	55950.14	56242.6	7.44	55957.58	56009.11719	55958.81415	56010.33984	505668.4	5409429.4
L5670.0	505668.4	5409429.4	17874.09961	316.07	69.83	48.837813	-86.922752	55949.66	56242.6	7.44	55957.10	56008.44141	55959.26492	56010.53516	505668.4	5409429.4
L5670.0	505668.4	5409430.9	17874.19922	315.63	69.83	48.837826	-86.922752	55948.87	56242.6	7.45	55956.32	56007.46094	55954.00271	56005.01172	505668.4	5409430.9
L5670.0	505668.4	5409431.9	17874.30078	313.18	69.83	48.837836	-86.922753	55948.46	56242.5	7.45	55955.91	56006.84766	55955.76037	56006.50391	505668.4	5409431.9
L5670.0	505668.4	5409433.0	17874.40039	310.04	69.83	48.837846	-86.922753	55947.84	56242.5	7.46	55955.29	56006.02734	55953.72896	56004.19922	505668.4	5409433.0
L5670.0	505668.4	5409434.5	17874.50000	307.15	69.83	48.837859	-86.922753	55947.25	56242.5	7.46	55954.71	56005.24219	55952.48528	56002.67969	505668.4	5409434.5
L5670.0	505668.3	5409435.8	17874.59961	305.72	69.83	48.837871	-86.922753	55946.70	56242.5	7.46	55954.16	56004.48438	55951.77040	56001.68359	505668.3	5409435.8
L5670.0	505668.3	5409435.8	17874.69922	303.22	69.83	48.837871	-86.922753	55946.21	56242.5	7.47	55953.68	56003.79297	55952.09933	56001.73047	505668.3	5409435.8
L5670.0	505668.3	5409437.1	17874.80078	299.64	69.83	48.837882	-86.922753	55945.53	56242.5	7.47	55953.00	56002.90234	55949.51838	55998.85938	505668.3	5409437.1
L5670.0	505668.3	5409438.3	17874.90039	300.87	69.83	48.837894	-86.922754	55945.20	56242.5	7.48	55952.68	56002.37109	55954.32365	56003.37109	505668.3	5409438.3
L5670.0	505668.3	5409439.3	17875.00000	302.27	69.83	48.837902	-86.922754	55944.57	56242.5	7.48	55952.05	56001.52734	55950.58684	55999.33594	505668.3	5409439.3
L5670.0	505668.3	5409440.5	17875.09961	303.30	69.83	48.837913	-86.922754	55944.06	56242.5	7.48	55951.55	56000.81250	55950.60510	55999.05469	505668.3	5409440.5
L5670.0	505668.3	5409441.6	17875.19922	304.38	69.83	48.837923	-86.922754	55943.58	56242.5	7.49	55951.07	56000.11719	55951.06762	55999.21484	505668.3	5409441.6
L5670.0	505668.3	5409442.8	17875.30078	304.20	130	48.837934	-86.922754	55943.11	56242.5	7.49	55950.60	55999.42969	55951.78517	55999.62891	505668.3	5409442.8
L5670.0	505668.3	5409442.8	17875.40039	303.93	130	48.837934	-86.922754	55942.47	56242.5	7.50	55949.96	55998.57422	55948.41528	55995.94922	505668.3	5409442.8
L5670.0	505668.2	5409443.9	17875.50000	303.89	130	48.837944	-86.922754	55941.98	56242.5	7.50	55949.48	55997.87500	55948.59943	55995.82422	505668.2	5409443.9
L5670.0	505668.2	5409445.2	17875.59961	303.60	130	48.837956	-86.922755	55941.48	56242.5	7.50	55948.98	55997.16016	55948.55520	55995.46484	505668.2	5409445.2
L5670.0	505668.2	5409446.5	17875.69922	305.70	130	48.837967	-86.922755	55941.06	56242.5	7.51	55948.56	55996.52344	55949.91193	55996.50781	505668.2	5409446.5

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5670.0	505668.2	5409447.8	17875.80078	308.12	130	48.837979	-86.922755	55940.52	56242.5	7.51	55948.03	55995.77734	55949.60026	55995.88281	505668.2	5409447.8
L5670.0	505668.2	5409449.1	17875.90039	309.60	130	48.837991	-86.922755	55939.91	56242.5	7.52	55947.43	55994.96484	55948.03147	55993.99609	505668.2	5409449.1
L5670.0	505668.2	5409449.1	17876.00000	311.81	130	48.837991	-86.922755	55939.21	56242.5	7.52	55946.73	55994.05078	55944.36460	55990.01563	505668.2	5409449.1
L5670.0	505668.1	5409451.1	17876.09961	312.98	130	48.838008	-86.922756	55938.65	56242.5	7.52	55946.17	55993.27734	55943.31804	55988.65234	505668.1	5409451.1
L5670.0	505668.1	5409452.1	17876.19922	313.83	130	48.838018	-86.922756	55938.12	56242.5	7.52	55945.64	55992.53516	55942.95163	55987.96875	505668.1	5409452.1
L5670.0	505668.1	5409452.1	17876.30078	315.51	130	48.838018	-86.922756	55937.66	56242.5	7.52	55945.19	55991.87891	55944.55768	55989.26172	505668.1	5409452.1
L5670.0	505668.1	5409453.6	17876.40039	323.09	130	48.838031	-86.922756	55937.11	56242.5	7.52	55944.63	55991.10938	55943.74398	55988.13281	505668.1	5409453.6
L5670.0	505668.1	5409454.9	17876.50000	323.33	130	48.838043	-86.922757	55936.75	56242.5	7.53	55944.28	55990.55859	55948.32590	55992.40234	505668.1	5409454.9
L5670.0	505668.0	5409456.0	17876.59961	323.04	130	48.838052	-86.922757	55936.22	56242.5	7.53	55943.75	55989.82813	55948.59542	55992.35938	505668.0	5409456.0
L5670.0	505668.0	5409457.2	17876.69922	323.35	130	48.838064	-86.922757	55935.46	56242.5	7.53	55942.99	55988.87109	55943.17455	55986.62891	505668.0	5409457.2
L5670.0	505668.0	5409458.3	17876.80078	323.02	130	48.838073	-86.922757	55934.70	56242.5	7.53	55942.23	55987.91406	55939.02625	55982.17578	505668.0	5409458.3
L5670.0	505668.0	5409458.3	17876.90039	322.37	130	48.838073	-86.922757	55934.00	56242.5	7.53	55941.53	55987.02344	55935.86309	55978.70703	505668.0	5409458.3
L5670.0	505668.0	5409459.8	17877.00000	320.67	130	48.838087	-86.922757	55933.39	56242.5	7.53	55940.92	55986.23047	55934.33432	55976.87891	505668.0	5409459.8
L5670.0	505668.0	5409461.1	17877.09961	319.57	130	48.838098	-86.922757	55932.78	56242.5	7.53	55940.31	55985.43750	55932.85550	55975.10547	505668.0	5409461.1
L5670.0	505668.1	5409462.6	17877.19922	318.89	130	48.838112	-86.922757	55932.31	56242.5	7.53	55939.83	55984.78125	55933.87738	55975.83594	505668.1	5409462.6
L5670.0	505668.1	5409462.6	17877.30078	318.25	130	48.838112	-86.922757	55931.80	56242.5	7.53	55939.32	55984.09766	55934.42558	55976.09766	505668.1	5409462.6
L5670.0	505668.1	5409464.3	17877.40039	315.84	130	48.838127	-86.922756	55931.52	56242.5	7.53	55939.05	55983.66406	55939.57610	55980.96484	505668.1	5409464.3
L5670.0	505668.1	5409465.4	17877.50000	320.10	130	48.838137	-86.922756	55931.49	56242.5	7.53	55939.02	55983.47266	55949.29265	55990.40234	505668.1	5409465.4
L5670.0	505668.1	5409466.6	17877.59961	317.37	130	48.838148	-86.922756	55930.61	56242.5	7.52	55938.13	55982.42969	55942.84352	55983.68359	505668.1	5409466.6
L5670.0	505668.1	5409466.6	17877.69922	308.48	130	48.838148	-86.922756	55929.62	56242.5	7.52	55937.14	55981.28906	55934.63341	55975.20703	505668.1	5409466.6
L5670.0	505668.1	5409467.9	17877.80078	316.70	130	48.838160	-86.922755	55929.06	56242.5	7.52	55936.58	55980.58984	55934.53497	55974.84766	505668.1	5409467.9
L5670.0	505668.2	5409469.3	17877.90039	318.22	130	48.838172	-86.922755	55928.71	56242.5	7.52	55936.23	55980.10156	55938.32738	55978.39063	505668.2	5409469.3
L5670.0	505668.2	5409470.7	17878.00000	319.94	130	48.838185	-86.922755	55927.95	56242.5	7.52	55935.47	55979.21484	55934.64127	55974.45703	505668.2	5409470.7
L5670.0	505668.2	5409470.7	17878.09961	321.01	130	48.838185	-86.922755	55927.02	56242.5	7.52	55934.54	55978.16406	55927.98340	55967.56250	505668.2	5409470.7
L5670.0	505668.1	5409472.9	17878.19922	321.48	130	48.838205	-86.922755	55926.16	56242.5	7.53	55933.68	55977.19141	55922.70767	55962.05859	505668.1	5409472.9
L5670.0	505668.1	5409472.9	17878.30078	321.47	130	48.838205	-86.922755	55925.90	56242.5	7.53	55933.43	55976.83984	55928.37555	55967.50391	505668.1	5409472.9
L5670.0	505668.1	5409474.4	17878.40039	320.26	130	48.838218	-86.922756	55925.14	56242.5	7.54	55932.68	55975.99219	55925.15943	55964.07422	505668.1	5409474.4
L5670.0	505668.1	5409475.5	17878.50000	318.17	130	48.838228	-86.922756	55924.48	56242.5	7.54	55932.02	55975.24219	55923.58211	55962.28906	505668.1	5409475.5
L5670.0	505668.1	5409476.6	17878.59961	318.41	130	48.838238	-86.922756	55923.93	56242.5	7.54	55931.47	55974.61328	55923.96393	55962.47656	505668.1	5409476.6
L5670.0	505668.0	5409477.9	17878.69922	316.81	130	48.838250	-86.922757	55923.55	56242.5	7.55	55931.09	55974.16406	55927.31634	55965.64453	505668.0	5409477.9
L5670.0	505668.0	5409479.2	17878.80078	316.71	130	48.838261	-86.922758	55922.94	56242.4	7.55	55930.49	55973.50391	55926.83987	55964.99219	505668.0	5409479.2
L5670.0	505667.9	5409480.5	17878.90039	316.64	130	48.838273	-86.922758	55922.41	56242.4	7.56	55929.97	55972.93359	55927.75345	55965.73828	505667.9	5409480.5
L5670.0	505667.9	5409481.8	17879.00000	318.56	130	48.838284	-86.922759	55921.83	56242.4	7.56	55929.39	55972.30859	55927.63265	55965.46094	505667.9	5409481.8
L5670.0	505667.9	5409481.8	17879.09961	319.53	130	48.838284	-86.922759	55921.15	56242.4	7.56	55928.71	55971.59766	55927.17799	55964.86328	505667.9	5409481.8
L5670.0	505667.9	5409482.8	17879.19922	318.23	130	48.838294	-86.922759	55920.52	56242.4	7.56	55928.07	55970.93750	55925.86611	55963.41406	505667.9	5409482.8
L5670.0	505667.8	5409484.1	17879.30078	316.51	130	48.838306	-86.922760	55919.70	56242.4	7.55	55927.26	55970.11328	55920.13513	55957.56250	505667.8	5409484.1
L5670.0	505667.8	5409484.8	17879.40039	316.76	130	48.838311	-86.922760	55919.13	56242.4	7.55	55926.68	55969.53125	55920.42227	55957.73438	505667.8	5409484.8
L5670.0	505667.8	5409486.1	17879.50000	317.05	130	48.838323	-86.922760	55918.36	56242.4	7.55	55925.91	55968.76953	55915.84096	55953.05469	505667.8	5409486.1
L5670.0	505667.7	5409487.5	17879.59961	320.67	130	48.838336	-86.922761	55917.88	56242.5	7.55	55925.43	55968.31250	55918.62056	55955.74609	505667.7	5409487.5
L5670.0	505667.7	5409488.7	17879.69922	319.91	130	48.838347	-86.922761	55917.07	56242.5	7.55	55924.62	55967.53125	55913.12156	55950.16797	505667.7	5409488.7
L5670.0	505667.7	5409490.0	17879.80078	317.95	130	48.838358	-86.922761	55916.57	56242.5	7.54	55924.11	55967.06250	55915.03676	55952.01953	505667.7	5409490.0
L5670.0	505667.7	5409491.1	17879.90039	298.94	130	48.838368	-86.922761	55915.66	56242.5	7.54	55923.20	55966.20313	55907.28268	55944.21094	505667.7	5409491.1
L5670.0	505667.7	5409491.1	17880.00000	298.64	130	48.838368	-86.922761	55915.10	56242.5	7.54	55922.64	55965.70703	55907.94250	55944.83203	505667.7	5409491.1
L5670.0	505667.7	5409492.5	17880.09961	317.56	130	48.838381	-86.922761	55914.42	56242.5	7.54	55921.96	55965.10547	55905.75556	55942.61719	505667.7	5409492.5
L5670.0	505667.7	5409494.0	17880.19922	317.68	130	48.838395	-86.922761	55914.16	56242.5	7.54	55921.71	55964.94141	55913.21414	55950.06250	505667.7	5409494.0
L5670.0	505667.7	5409494.0	17880.30078	311.36	130	48.838395	-86.922761	55913.64	56242.5	7.54	55921.18	55964.50781	55914.11293	55950.95703	505667.7	5409494.0
L5670.0	505667.7	5409495.3	17880.40039	312.63	130	48.838406	-86.922761	55913.36	56242.5	7.54	55920.90	55964.33594	55920.19636	55957.05078	505667.7	5409495.3
L5670.0	505667.7	5409496.4	17880.50000	312.06	130	48.838416	-86.922761	55912.60	56242.5	7.54	55920.14	55963.69922	55915.85961	55952.73828	505667.7	5409496.4
L5670.0	505667.7	5409497.7	17880.59961	319.28	130	48.838428	-86.922761	55912.09	56242.5	7.55	55919.64	55963.32813	55916.88030	55953.79688	505667.7	5409497.7
L5670.0	505667.7	5409499.2	17880.69922	316.82	130	48.838441	-86.922761	55911.31	56242.5	7.55	55918.86	55962.69141	55912.17630	55949.14453	505667.7	5409499.2
L5670.0	505667.7	5409499.2	17880.80078	315.80	130	48.838441	-86.922761	55910.80	56242.5	7.55	55918.35	55962.33984	55912.76263	55949.79297	505667.7	5409499.2
L5670.0	505667.7	5409501.1	17880.90039	314.98	130	48.838458	-86.922761	55910.22	56242.5	7.55	55917.77	55961.92578	55911.85529	55948.96094	505667.7	5409501.1
L5670.0	505667.7	5409502.4	17881.00000	307.87	130	48.838470	-86.922761	55909.74	56242.4	7.55	55917.29	55961.62500	55912.65470	55949.85156	505667.7	5409502.4
L5670.0	505667.7	5409502.4	17881.09961	305.62	130	48.838470	-86.922761	55909.00	56242.4	7.55	55916.56	55961.08203	55908.82690	55946.12500	505667.7	5409502.4
L5670.0	505667.7	5409503.4	17881.19922	305.37	130	48.838479	-86.922761	55908.45	56242.4	7.56	55916.00	55960.72656	55907.96303	55945.37891	505667.7	5409503.4
L5670.0	505667.7	5409504.7	17881.30078	306.17	130	48.838491	-86.922761	55907.89	56242.4	7.56	55915.45	55960.38672	55907.14821	55944.69141	505667.7	5409504.7
L5670.0	505667.7	5409505.8	17881.40039	307.20	130	48.838500	-86.922761	55907.38	56242.4	7.56	55914.95	55960.11328	55907.02350	55944.71094	505667.7	5409505.8
L5670.0	505667.7	5409507.1	17881.50000	308.81	130	48.838512	-86.922761	55906.68	56242.4	7.57	55914.25	55959.64844	55903.60607	55941.44922	505667.7	5409507.1
L5670.0	505667.7	5409508.1	17881.59961	310.97	130	48.838521	-86.922761	55906.30	56242.4	7.57	55913.86	55959.50391	55904.94264	55942.95313	505667.7	5409508.1
L5670.0	505667.7	5409509.3	17881.69922	312.09	130	48.838532	-86.922762	55905.74	56242.4	7.57	55913.31	55959.21094	55903.69780	55941.89063	505667.7	5409509.3
L5670.0	505667.6	5409510.4	17881.80078	310.28	130	48.838542	-86.922762	55905.32	56242.4	7.57	55912.89	55959.05859	55904.22059	55942.60938	505667.6	5409510.4
L5670.0	505667.6	5409511.8	17881.90039	302.91	130	48.838555	-86.922762	55904.78	56242.4	7.58	55912.36	55958.80859	55904.28270	55942.87500	505667.6	5409511.8
L5670.0	505667.6	5409511.8	17882.00000	301.95	130	48.838555	-86.922762	55904.50	56242.4	7.58	55912.08	55958.81641	55909.05972	55947.87500	505667.6	5409511.8
L5670.0	505667.6	5409513.1	17882.09961	309.05	130	48.838566	-86.922762	55903.90	56242.4	7.58	55911.48	55958.51563	55904.28558	55943.33203	505667.6	5409513.1
L5670.0	505667.6	5409514.4	17882.19922	308.67	130	48.838578	-86.922762	55903.59	56242.4	7.58	55911.17	55958.51563	55906.85489	55946.14453	505667.6	5409514.4
L5670.0	505667.6	5409515.6	17882.30078	307.31	130	48.838589	-86.922762	55903.11	56242.4	7.58	55910.69	55958.35547	55904.78488	55944.33203	505667.6	5409515.6
L5670.0	505667.6	5409517.2	17882.40039	307.55	130	48.838603	-86.922762	55902.86	56242.4	7.58	55910.44	55958.43750	55907.49915	55947.31250	505667.6	5409517.2
L5670.0	505667.6	5409518.4	17882.50000	305.97	130	48.838614	-86.922762	55902.48	56242.4	7.58	55910.06	55958.39453	55906.99147	55947.08594	505667.6	5409518.4
L5670.0	505667.6	5409518.4	17882.59961	306.83	130	48.838614	-86.922762	55902.05	56242.4	7.58	55909.63	55958.31641	55905.52384	55945.91016	505667.6	5409518.4
L5670.0	505667.6	5409519.9	17882.69922	306.04	130	48.838628	-86.922762	55901.59	56242.4	7.58	55909.17	55958.21484	55903.82643	55944.51172	505667.6	5409519.9
L5670.0	505667.7	5409521.1	17882.80078	304.53	130	48.838638	-86.922761	55901.39	56242.4	7.58	55908.97	55958.37891	55905.65055	55946.64844	505667.7	5409521.1
L5670.0	505667.7	5409522.3	17882.90039	303.15	130	48.838649	-86.922761	55900.98	56242.4	7.58	55908.56	55958.34375	55904.80146	55946.12500	505667.7	5409522.3
L5670.0	505667.7	5409522.3	17883.00000	299.60	130	48.838649	-86.922761	55900.81	56242.4	7.58	55908.39	55958.55859	55906.16719	55947.82422	505667.7	5409522.3
L5670.0	505667.7	5409523.6	17883.09961	294.96	130	48.838661	-86.922761	55900.54	56242.4	7.58	55908.12	55958.67969	55905.14246	55947.14063	505667.7	5409523.6
L5670.0	505667.7	5409525.1	17883.19922	288.80	130	48.838674	-86.922761	55900.53	56242.4	7.58	55908.11	55959.07031	55908.69039	55951.04297	505667.7	5409525.1
L5670.0	505667.7	5409526.5	17883.30078	287.40	130	48.838687	-86.922761	55900.23	56242.4	7.58	55907.81	55959.17578	55906.92614	55949.64063	505667.7	5409526.5
L5670.0	505667.7	5409527.4	17883.40039	293.08	130	48.838695	-86.922761	55900.18	56242.4	7.58	55907.76	55959.53906	55907.76000	55950.84766	505667.7	5409527.4
L5670.0	505667.7	5409527.4	17883.50000	292.23	130	48.838695	-86.922761	55899.85	56242.4	7.58	55907.43	55959.62891	55907.73369	55951.20313	505667.7	5409527.4
L5670.0	505667.7	5409528.7	17883.59961	294.55	130	48.838707	-86.922760	55899.75	56242.4	7.59	55907.33	55959.95313	55907.82347	55951.67969	505667.7	5409528.7
L5670.0	505667.7	5409530.0	17883.69922	290.14	130	48.838718	-86.922760	55899.42	56242.4	7.59	55907.00	55960.05859	55907.84645	55952.10156	505667.7	5409530.0
L5670.0	505667.7	5409531.3	17883.80078	292.41	130	48.838730	-86.922760	55899.37	56242.4	7.59	55906.95	55960.44531	55907.87330	55952.53125	505667.7	5409531.3
L5670.0	505667.7	5409532.8	17883.90039	291.89	130	48.838744	-86.922760	55899.24	56242.4	7.59	55906.83	55960.76953	55907.88906	55952.95703	505667.7	5409532.8
L5670.0	505667.7	5409532.8	17884.00000	294.12	130	48.838744	-86.922760	55899.12	56242.4	7.59	55906.71	55961.09766	55907.86604	55953.35547	505667.7	5409532.8
L5670.0	505667.7	5409534.4	17884.09961	296.21	130	48.838758	-86.922760	55899.02	56242.4	7.59	55906.61	55961.44922	55907.81834	55953.73047	505667.7	5409534.4
L5670.0	505667.8	5409535.6	17884.19922	296.17	130	48.838769	-86.922760	55899.06	56242.4	7.60	55906.66	55961.95703	55907.67276	55954.01563	505667.8	5409535.6
L5670.0	505667.8	5409536.9	17884.30078	296.98	130	48.838781	-86.922760	55899.04	56242.4	7.60	55906.64	55962.39844	55907.52509	55954.30469	505667.8	5409536.9
L5670.0	505667.8	5409538.0	17884.40039	296.93	130	48.838790	-86.922759	55899.09	56242.4	7.61	55906.70	55962.92188	55907.30758	55954.52734	505667.8	5409538.0
L5670.0	505667.8	5409539.3	17884.50000	301.63	130	48.838802	-86.922759	55899.04	56242.4	7.61	55906.65	55963.33984	55907.01823	55954.68359	505667.8	5409539.3
L5670.0	505667.8	5409539.3	17884.59961	301.89	130	48.838802	-86.922759	55899.04	56242.4	7.61	55906.65	55963.80859	55906.65000	55954.76953	505667.8	5409539.3
L5670.0	505667.8	5409540.7	17884.69922	301.90	130	48.838815	-86.922759	55899.02	56242.4	7.62	55906.63	55964.26172	55905.91942	55954.49219	505667.8	5409540.7
L5670.0	505667.8	5409540.7	17884.80078	301.61	130	48.838815	-86.922759	55899.09	56242.4	7.62	55906.71	55964.81250	55906.44545	55955.47266	505667.8	5409540.7
L5670.0	505667.8	5409542.2	17884.90039	299.75	130	48.838828	-86.922759	55899.04	56242.4	7.63	55906.66	55965.23828	55904.26855	55953.75781	505667.8	5409542.2
L5670.0	505667.8	5409543.6	17885.00000	297.72	130	48.838841	-86.922759	55899.12	56242.4	7.63	55906.75	55965.80469	55903.39080	55953.34375	505667.8	5409543.6

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5670.0	505667.8	5409545.3	17885.09961	295.66	130	48.838856	-86.922759	55899.32	56242.4	7.63	55906.95	55966.48047	55903.75685	55954.17188	505667.8	5409545.3
L5670.0	505667.8	5409546.5	17885.19922	295.81	130	48.838867	-86.922759	55899.44	56242.4	7.63	55907.07	55967.07422	55902.96570	55953.84766	505667.8	5409546.5
L5670.0	505667.8	5409547.8	17885.30078	297.15	130	48.838879	-86.922759	55899.70	56242.4	7.63	55907.33	55967.80859	55904.62044	55955.96875	505667.8	5409547.8
L5670.0	505667.8	5409547.8	17885.40039	300.63	130	48.838879	-86.922759	55899.92	56242.4	7.63	55907.56	55968.51563	55905.88908	55957.70703	505667.8	5409547.8
L5670.0	505667.8	5409549.7	17885.50000	303.45	130	48.838896	-86.922759	55899.95	56242.4	7.63	55907.58	55969.00781	55901.43591	55953.72266	505667.8	5409549.7
L5670.0	505667.8	5409551.0	17885.59961	306.08	130	48.838907	-86.922759	55900.08	56242.4	7.64	55907.71	55969.60938	55898.81514	55951.56641	505667.8	5409551.0
L5670.0	505667.8	5409551.0	17885.69922	308.20	130	48.838907	-86.922759	55900.33	56242.4	7.64	55907.96	55970.32813	55899.35752	55952.57813	505667.8	5409551.0
L5670.0	505667.8	5409552.3	17885.80078	310.52	130	48.838919	-86.922759	55900.51	56242.4	7.64	55908.15	55970.98438	55898.49346	55952.17969	505667.8	5409552.3
L5670.0	505667.8	5409553.8	17885.90039	312.85	130	48.838932	-86.922759	55900.84	56242.4	7.64	55908.47	55971.76953	55899.69990	55953.84766	505667.8	5409553.8
L5670.0	505667.8	5409555.1	17886.00000	318.17	130	48.838944	-86.922758	55901.21	56242.4	7.64	55908.85	55972.60938	55902.11361	55956.72266	505667.8	5409555.1
L5670.0	505667.8	5409555.1	17886.09961	319.36	130	48.838944	-86.922758	55901.49	56242.4	7.64	55909.13	55973.34766	55902.68748	55957.75781	505667.8	5409555.1
L5670.0	505667.9	5409557.0	17886.19922	319.68	130	48.838961	-86.922758	55901.82	56242.4	7.64	55909.46	55974.12891	55904.20979	55959.73438	505667.9	5409557.0
L5670.0	505667.9	5409558.3	17886.30078	320.43	130	48.838973	-86.922758	55901.95	56242.4	7.64	55909.58	55974.69922	55901.05004	55957.02734	505667.9	5409558.3
L5670.0	505667.9	5409558.3	17886.40039	320.86	130	48.838973	-86.922758	55902.36	56242.4	7.64	55910.00	55975.56250	55904.34020	55960.76953	505667.9	5409558.3
L5670.0	505667.9	5409559.9	17886.50000	319.15	130	48.838988	-86.922758	55902.61	56242.4	7.64	55910.25	55976.25000	55903.65746	55960.53125	505667.9	5409559.9
L5670.0	505667.9	5409561.2	17886.59961	319.08	130	48.838999	-86.922757	55902.86	56242.4	7.64	55910.50	55976.93750	55902.77317	55960.08594	505667.9	5409561.2
L5670.0	505667.9	5409562.7	17886.69922	319.54	130	48.839012	-86.922757	55903.09	56242.4	7.64	55910.73	55977.59375	55901.22550	55958.97266	505667.9	5409562.7
L5670.0	505667.9	5409562.7	17886.80078	318.79	130	48.839012	-86.922757	55903.41	56242.4	7.64	55911.05	55978.33594	55901.75227	55959.92969	505667.9	5409562.7
L5670.0	505667.9	5409564.4	17886.90039	317.17	130	48.839028	-86.922757	55903.67	56242.4	7.64	55911.31	55979.01172	55900.70821	55959.31250	505667.9	5409564.4
L5670.0	505667.9	5409565.7	17887.00000	315.95	130	48.839039	-86.922757	55904.10	56242.4	7.64	55911.74	55979.85156	55903.74289	55962.76563	505667.9	5409565.7
L5670.0	505667.9	5409565.7	17887.09961	315.66	130	48.839039	-86.922757	55904.58	56242.4	7.64	55912.22	55980.73438	55907.82607	55967.26172	505667.9	5409565.7
L5670.0	505667.9	5409567.0	17887.19922	316.00	130	48.839051	-86.922757	55905.08	56242.4	7.64	55912.73	55981.64063	55912.37866	55972.21875	505667.9	5409567.0
L5670.0	505667.9	5409568.2	17887.30078	317.55	130	48.839062	-86.922757	55905.44	56242.4	7.65	55913.08	55982.37891	55912.96976	55973.21094	505667.9	5409568.2
L5670.0	505667.9	5409569.5	17887.40039	317.52	130	48.839074	-86.922757	55905.79	56242.4	7.65	55913.44	55983.12109	55913.67505	55974.30469	505667.9	5409569.5
L5670.0	505667.9	5409569.5	17887.50000	315.21	130	48.839074	-86.922757	55906.00	56242.3	7.65	55913.65	55983.70313	55911.09259	55972.10938	505667.9	5409569.5
L5670.0	505667.9	5409571.0	17887.59961	313.67	130	48.839087	-86.922757	55906.32	56242.3	7.65	55913.98	55984.39844	55911.12980	55972.52344	505667.9	5409571.0
L5670.0	505667.9	5409572.3	17887.69922	309.70	130	48.839099	-86.922757	55906.58	56242.3	7.65	55914.23	55985.00781	55909.60186	55971.36719	505667.9	5409572.3
L5670.0	505667.9	5409573.8	17887.80078	308.05	130	48.839112	-86.922757	55906.93	56242.3	7.66	55914.59	55985.71875	55910.27039	55972.39453	505667.9	5409573.8
L5670.0	505667.9	5409573.8	17887.90039	305.45	130	48.839112	-86.922757	55907.18	56242.3	7.66	55914.84	55986.30859	55908.96958	55971.44922	505667.9	5409573.8
L5670.0	505668.0	5409575.3	17888.00000	304.91	130	48.839126	-86.922757	55907.48	56242.3	7.66	55915.14	55986.94531	55908.68635	55971.51172	505668.0	5409575.3
L5670.0	505668.0	5409575.3	17888.09961	305.69	130	48.839126	-86.922757	55907.94	56242.3	7.66	55915.60	55987.73047	55911.02421	55974.18750	505668.0	5409575.3
L5670.0	505668.0	5409577.8	17888.19922	308.91	130	48.839149	-86.922756	55908.70	56242.3	7.66	55916.36	55988.80859	55917.63034	55981.12109	505668.0	5409577.8
L5670.0	505668.0	5409577.8	17888.30078	310.39	130	48.839149	-86.922756	55909.13	56242.3	7.66	55916.79	55989.54688	55918.91386	55982.72266	505668.0	5409577.8
L5670.0	505668.0	5409579.4	17888.40039	310.42	130	48.839163	-86.922756	55909.76	56242.3	7.66	55917.42	55990.47656	55929.94013	55994.06250	505668.0	5409579.4
L5670.0	505668.0	5409580.4	17888.50000	304.69	130	48.839171	-86.922756	55909.84	56242.3	7.66	55917.50	55990.85156	55921.36002	55985.78125	505668.0	5409580.4
L5670.0	505668.0	5409581.6	17888.59961	299.16	130	48.839183	-86.922756	55910.09	56242.3	7.66	55917.75	55991.38281	55918.28352	55983.00000	505668.0	5409581.6
L5670.0	505668.0	5409582.7	17888.69922	308.16	130	48.839192	-86.922756	55910.24	56242.3	7.66	55917.90	55991.81250	55913.35256	55978.35547	505668.0	5409582.7
L5670.0	505668.0	5409582.7	17888.80078	310.36	130	48.839192	-86.922756	55910.75	56242.3	7.66	55918.41	55992.58984	55917.15972	55982.43750	505668.0	5409582.7
L5670.0	505668.0	5409584.2	17888.90039	309.49	130	48.839206	-86.922756	55911.13	56242.3	7.66	55918.79	55993.22656	55917.93164	55983.47656	505668.0	5409584.2
L5670.0	505668.0	5409585.9	17889.00000	303.07	130	48.839221	-86.922755	55911.54	56242.3	7.66	55919.20	55993.89063	55919.31587	55985.11719	505668.0	5409585.9
L5670.0	505668.1	5409587.2	17889.09961	303.52	130	48.839233	-86.922755	55911.86	56242.3	7.66	55919.53	55994.46484	55919.24273	55985.29688	505668.1	5409587.2
L5670.0	505668.1	5409587.2	17889.19922	301.93	130	48.839233	-86.922755	55912.32	56242.3	7.67	55919.99	55995.16016	55921.47407	55987.76563	505668.1	5409587.2
L5670.0	505668.1	5409588.6	17889.30078	302.19	130	48.839246	-86.922754	55912.47	56242.3	7.67	55920.14	55995.53906	55918.77962	55985.30469	505668.1	5409588.6
L5670.0	505668.1	5409590.2	17889.40039	297.79	130	48.839260	-86.922754	55913.08	56242.3	7.67	55920.75	55996.37109	55923.22488	55989.97266	505668.1	5409590.2
L5670.0	505668.2	5409591.5	17889.50000	295.29	130	48.839271	-86.922753	55913.43	56242.3	7.68	55921.11	55996.94531	55923.89168	55990.85547	505668.2	5409591.5
L5670.0	505668.2	5409591.5	17889.59961	302.57	130	48.839271	-86.922753	55913.91	56242.3	7.68	55921.59	55997.63672	55926.20045	55993.37109	505668.2	5409591.5
L5670.0	505668.2	5409591.5	17889.69922	294.59	130	48.839271	-86.922753	55914.12	56242.3	7.68	55921.80	55998.04688	55925.09472	55992.46094	505668.2	5409591.5
L5670.0	505668.2	5409593.2	17889.80078	295.33	130	48.839287	-86.922753	55914.04	56242.3	7.68	55921.72	55998.16016	55920.70686	55988.26172	505668.2	5409593.2
L5670.0	505668.2	5409594.2	17889.90039	303.93	130	48.839296	-86.922752	55914.22	56242.3	7.69	55921.91	55998.53906	55919.84665	55987.58594	505668.2	5409594.2
L5670.0	505668.3	5409595.8	17890.00000	302.20	130	48.839310	-86.922752	55914.59	56242.3	7.69	55922.28	55999.09375	55921.20176	55989.11328	505668.3	5409595.8
L5670.0	505668.3	5409597.3	17890.09961	305.27	130	48.839324	-86.922751	55915.10	56242.3	7.69	55922.79	55999.78516	55924.25186	55992.33203	505668.3	5409597.3
L5670.0	505668.4	5409598.5	17890.19922	306.73	130	48.839335	-86.922750	55915.46	56242.3	7.69	55923.15	56000.31641	55925.65103	55993.89063	505668.4	5409598.5
L5670.0	505668.4	5409598.5	17890.30078	305.57	130	48.839335	-86.922750	55915.88	56242.3	7.69	55923.58	56000.91406	55928.00750	55996.39844	505668.4	5409598.5
L5670.0	505668.4	5409599.6	17890.40039	299.42	130	48.839344	-86.922750	55915.81	56242.3	7.69	55923.51	56001.01172	55924.49170	55993.02734	505668.4	5409599.6
L5670.0	505668.5	5409600.9	17890.50000	299.45	130	48.839357	-86.922749	55916.06	56242.3	7.69	55923.75	56001.41016	55924.73979	55993.41406	505668.5	5409600.9
L5670.0	505668.5	5409600.9	17890.59961	301.63	130	48.839357	-86.922749	55916.26	56242.3	7.70	55923.96	56001.78125	55924.69083	55993.49609	505668.5	5409600.9
L5670.0	505668.5	5409602.6	17890.69922	299.55	130	48.839371	-86.922748	55916.49	56242.3	7.70	55924.19	56002.16406	55924.97663	55993.90625	505668.5	5409602.6
L5670.0	505668.6	5409603.9	17890.80078	302.21	130	48.839383	-86.922748	55916.70	56242.3	7.70	55924.39	56002.51953	55924.95251	55994.00391	505668.6	5409603.9
L5670.0	505668.6	5409604.9	17890.90039	300.56	130	48.839392	-86.922747	55917.13	56242.3	7.70	55924.82	56003.09766	55928.25037	55997.41406	505668.6	5409604.9
L5670.0	505668.7	5409606.2	17891.00000	300.16	130	48.839404	-86.922747	55917.28	56242.3	7.70	55924.98	56003.41016	55927.94706	55997.22266	505668.7	5409606.2
L5670.0	505668.7	5409607.3	17891.09961	303.00	130	48.839414	-86.922746	55917.40	56242.3	7.70	55925.11	56003.68750	55927.29021	55996.67188	505668.7	5409607.3
L5670.0	505668.7	5409607.3	17891.19922	301.82	130	48.839414	-86.922746	55917.56	56242.3	7.71	55925.26	56003.98828	55927.03439	55996.51563	505668.7	5409607.3
L5670.0	505668.7	5409608.9	17891.30078	302.36	130	48.839429	-86.922745	55917.71	56242.3	7.71	55925.42	56004.29688	55927.07367	55996.64844	505668.7	5409608.9
L5670.0	505668.8	5409610.4	17891.40039	303.57	130	48.839442	-86.922745	55917.88	56242.3	7.71	55925.60	56004.62500	55927.61369	55997.28125	505668.8	5409610.4
L5670.0	505668.8	5409611.7	17891.50000	304.04	130	48.839453	-86.922745	55918.14	56242.3	7.72	55925.86	56005.03906	55929.73363	55999.49219	505668.8	5409611.7
L5670.0	505668.8	5409611.7	17891.59961	304.75	130	48.839453	-86.922745	55918.29	56242.3	7.72	55926.00	56005.33203	55930.06754	55999.91406	505668.8	5409611.7
L5670.0	505668.8	5409613.1	17891.69922	304.25	130	48.839466	-86.922744	55918.44	56242.3	7.72	55926.16	56005.64844	55930.97715	56000.90625	505668.8	5409613.1
L5670.0	505668.9	5409614.7	17891.80078	303.01	130	48.839481	-86.922744	55918.36	56242.3	7.72	55926.09	56005.73828	55927.82886	55997.83984	505668.9	5409614.7
L5670.0	505668.9	5409614.7	17891.90039	305.18	130	48.839481	-86.922744	55918.59	56242.3	7.73	55926.32	56006.13281	55930.46339	56000.55469	505668.9	5409614.7
L5670.0	505668.9	5409616.0	17892.00000	303.84	130	48.839492	-86.922743	55918.59	56242.3	7.73	55926.32	56006.30078	55928.87754	55999.05078	505668.9	5409616.0
L5670.0	505668.9	5409617.4	17892.09961	303.72	130	48.839505	-86.922743	55918.77	56242.3	7.73	55926.50	56006.65625	55931.05420	56001.30859	505668.9	5409617.4
L5670.0	505668.9	5409618.6	17892.19922	303.03	68.55	48.839516	-86.922743	55918.82	56242.3	7.74	55926.56	56006.89453	55931.02247	56001.35547	505668.9	5409618.6
L5670.0	505669.0	5409619.9	17892.30078	304.01	68.55	48.839527	-86.922742	55918.87	56242.3	7.74	55926.61	56007.13281	55930.96351	56001.37500	505669.0	5409619.9
L5670.0	505669.0	5409619.9	17892.40039	304.26	68.31	48.839527	-86.922742	55918.87	56242.3	7.74	55926.61	56007.32813	55930.00879	56000.50000	505669.0	5409619.9
L5670.0	505669.0	5409620.9	17892.50000	303.31	68.44	48.839536	-86.922742	55918.89	56242.3	7.75	55926.64	56007.56250	55929.90245	56000.47656	505669.0	5409620.9
L5670.0	505669.0	5409622.3	17892.59961	304.98	67.4	48.839549	-86.922742	55918.92	56242.3	7.75	55926.67	56007.80469	55930.03681	56000.69531	505669.0	5409622.3
L5670.0	505669.0	5409623.6	17892.69922	305.66	67.4	48.839561	-86.922741	55919.00	56242.2	7.75	55926.75	56008.10938	55931.61602	56002.36328	505669.0	5409623.6
L5670.0	505669.0	5409624.6	17892.80078	305.34	67.4	48.839570	-86.922741	55918.95	56242.2	7.75	55926.70	56008.28906	55930.46863	56001.30469	505669.0	5409624.6
L5670.0	505669.0	5409624.6	17892.90039	308.18	58.99	48.839570	-86.922741	55918.97	56242.2	7.76	55926.73	56008.56641	55931.54702	56002.48047	505669.0	5409624.6
L5670.0	505669.1	5409625.6	17893.00000	308.79	56.81	48.839579	-86.922741	55919.00	56242.2	7.76	55926.76	56008.85156	55933.02329	56004.05469	505669.1	5409625.6
L5670.0	505669.1	5409626.8	17893.09961	310.43	56.81	48.839589	-86.922740	55918.90	56242.2	7.76	55926.66	56009.02344	55931.64356	56002.77734	505669.1	5409626.8
L5670.0	505669.1	5409627.8	17893.19922	308.10	57.99	48.839598	-86.922740	55918.95	56242.2	7.76	55926.71	56009.35547	55934.45148	56005.69531	505669.1	5409627.8
L5670.0	505669.1	5409629.1	17893.30078	306.14	57.99	48.839609	-86.922740	55919.00	56242.2	7.76	55926.76	56009.70313	55937.73872	56009.09375	505669.1	5409629.1
L5670.0	505669.2	5409630.4	17893.40039	305.83	60.76	48.839622	-86.922739	55918.79	56242.2	7.76	55926.56	56009.81641	55934.82269	56006.30078	505669.2	5409630.4
L5670.0	505669.2	5409630.4	17893.50000	305.38	55.87	48.839622	-86.922739	55918.67	56242.2	7.76	55926.43	56010.01563	55934.04153	56005.64453	505669.2	5409630.4
L5670.0	505669.2	5409631.5	17893.59961	304.66	55.87	48.839632	-86.922739	55918.52	56242.2	7.77	55926.28	56010.21094	55932.99369	56004.73438	505669.2	5409631.5
L5670.0	505669.2	5409632.6	17893.69922	305.22	56.24	48.839642	-86.922738	55918.29	56242.2	7.77	55926.05	56010.34766	55929.96055	56001.84375	505669.2	5409632.6
L5670.0	505669.2	5409632.6	17893.80078	304.12	56.24	48.839642	-86.922738	55918.04	56242.2	7.77	55925.80	56010.47656	55926.53787	55998.57422	505669.2	5409632.6
L5670.0	505669.3	5409634.7	17893.90039	303.82	56.24	48.839660	-86.922738	55917.91	56242.2	7.77	55925.68	56010.75781	55927.00356	55999.20313	505669.3	5409634.7
L5670.0	505669.3	5409635.7	17894.00000	309.29	53.88	48.839670	-86.922737	55917.84	56242.2	7.77	55925.61	56011.10938	55929.16638	56001.53516	505669.3	5409635.7
L5670.0	505669.3	5409636.6	17894.09961	307.65	59.37	48.839678	-86.922737	55917.73	56242.2	7.77	55925.50	56011.44141	55930.43462	56002.98828	505669.3	5409636.6
L5670.0	505669.3	5409636.6	17894.19922	307.95	53.06	48.839678	-86.922737	55917.66	56242.2	7.77	55925.43	56011.83594	55933.15582	56005.90234	505669.3	5409636.6
L5670.0	505669.3	5409637.7	17894.30078	308.22	53.06	48.839688	-86.922737	55917.61	56242.2	7.77	55925.38	56012.26953	55936.78917	56009.74219	505669.3	5409637.7

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5670.0	505669.4	5409638.7	17894.40039	308.36	52.26	48.839696	-86.922736	55917.33	56242.2	7.77	55925.10	56012.50000	55933.81399	56006.98047	505669.4	5409638.7
L5670.0	505669.4	5409638.7	17894.40039	308.36	52.4	48.839696	-86.922736	55917.13	56242.2	7.77	55924.89	56012.82031	55933.23034	56006.62891	505669.4	5409638.7
L5670.0	505669.4	5409640.9	17894.59961	306.87	52.4	48.839716	-86.922736	55916.92	56242.2	7.77	55924.69	56013.17969	55933.00259	56006.64453	505669.4	5409640.9
L5670.0	505669.4	5409640.9	17894.69922	307.08	52.82	48.839716	-86.922736	55916.77	56242.2	7.77	55924.54	56013.60938	55933.94065	56007.83984	505669.4	5409640.9
L5670.0	505669.5	5409641.9	17894.80078	306.17	50.19	48.839725	-86.922735	55916.44	56242.2	7.77	55924.21	56013.88672	55932.51521	56006.68359	505669.5	5409641.9
L5670.0	505669.5	5409643.0	17894.90039	307.25	49.7	48.839735	-86.922735	55916.21	56242.2	7.77	55923.98	56014.29297	55932.63996	56007.09375	505669.5	5409643.0
L5670.0	505669.5	5409643.0	17895.00000	307.89	49.7	48.839735	-86.922735	55915.84	56242.2	7.77	55923.61	56014.58203	55930.90649	56005.66016	505669.5	5409643.0
L5670.0	505669.5	5409644.2	17895.09961	307.15	52.84	48.839745	-86.922734	55915.50	56242.2	7.77	55923.28	56014.94141	55929.87324	56004.94531	505669.5	5409644.2
L5670.0	505669.5	5409645.2	17895.19922	307.76	52.84	48.839754	-86.922734	55915.31	56242.2	7.78	55923.08	56015.45703	55930.89087	56006.29688	505669.5	5409645.2
L5670.0	505669.6	5409646.3	17895.30078	308.27	51.75	48.839764	-86.922733	55915.05	56242.2	7.78	55922.83	56015.95313	55931.34517	56007.10156	505669.6	5409646.3
L5670.0	505669.6	5409647.4	17895.40039	308.11	51.75	48.839774	-86.922733	55914.72	56242.2	7.78	55922.50	56016.39844	55930.76075	56006.88281	505669.6	5409647.4
L5670.0	505669.6	5409647.4	17895.50000	308.81	51.06	48.839774	-86.922733	55914.44	56242.2	7.79	55922.23	56016.93750	55931.24327	56007.75000	505669.6	5409647.4
L5670.0	505669.7	5409648.3	17895.59961	308.75	51.06	48.839783	-86.922732	55914.29	56242.2	7.79	55922.08	56017.62500	55933.77096	56010.67969	505669.7	5409648.3
L5670.0	505669.7	5409649.5	17895.69922	307.45	49.38	48.839793	-86.922732	55913.89	56242.2	7.79	55921.68	56018.08984	55932.59445	56009.92578	505669.7	5409649.5
L5670.0	505669.8	5409650.5	17895.80078	308.01	49.38	48.839802	-86.922731	55913.64	56242.2	7.79	55921.43	56018.74219	55933.95577	56011.72656	505669.8	5409650.5
L5670.0	505669.8	5409650.5	17895.90039	309.00	54.81	48.839802	-86.922731	55913.16	56242.2	7.80	55920.95	56019.19141	55931.78268	56010.01172	505669.8	5409650.5
L5670.0	505669.8	5409651.6	17896.00000	307.94	54.81	48.839812	-86.922730	55912.63	56242.2	7.80	55920.43	56019.63672	55929.04507	56007.75391	505669.8	5409651.6
L5670.0	505669.9	5409652.6	17896.09961	310.48	50.06	48.839821	-86.922730	55912.24	56242.2	7.80	55920.04	56020.24609	55928.57554	56007.78125	505669.9	5409652.6
L5670.0	505669.9	5409653.5	17896.19922	311.75	50.06	48.839829	-86.922729	55911.84	56242.2	7.80	55919.64	56020.87891	55928.08382	56007.80859	505669.9	5409653.5
L5670.0	505669.9	5409653.5	17896.30078	309.83	53.98	48.839829	-86.922729	55911.46	56242.2	7.80	55919.26	56021.56250	55928.08783	56008.35156	505669.9	5409653.5
L5670.0	505670.0	5409654.3	17896.40039	310.95	53.51	48.839837	-86.922728	55911.08	56242.2	7.80	55918.88	56022.28125	55928.25130	56009.07422	505670.0	5409654.3
L5670.0	505670.0	5409655.3	17896.50000	309.65	53.51	48.839846	-86.922727	55910.78	56242.2	7.81	55918.58	56023.11719	55930.01589	56011.42188	505670.0	5409655.3
L5670.0	505670.0	5409656.1	17896.59961	310.75	53.51	48.839852	-86.922727	55910.35	56242.2	7.81	55918.15	56023.85547	55929.60267	56011.60938	505670.0	5409656.1
L5670.0	505670.0	5409656.1	17896.69922	311.05	52.31	48.839852	-86.922727	55909.96	56242.2	7.81	55917.77	56024.68359	55930.24451	56012.87891	505670.0	5409656.1
L5670.0	505670.1	5409657.0	17896.80078	311.41	52.31	48.839861	-86.922726	55909.48	56242.2	7.81	55917.29	56025.44141	55929.17829	56012.45703	505670.1	5409657.0
L5670.0	505670.1	5409657.7	17896.90039	311.25	50.14	48.839867	-86.922726	55908.98	56242.2	7.81	55916.79	56026.21875	55927.85934	56011.80469	505670.1	5409657.7
L5670.0	505670.2	5409658.5	17897.00000	313.73	50.14	48.839875	-86.922725	55908.50	56242.2	7.81	55916.31	56027.05078	55927.03933	56011.67578	505670.2	5409658.5
L5670.0	505670.2	5409659.3	17897.09961	314.36	49.72	48.839882	-86.922725	55908.02	56242.2	7.81	55915.83	56027.91797	55926.35095	56011.70313	505670.2	5409659.3
L5670.0	505670.2	5409660.4	17897.19922	313.16	49.72	48.839891	-86.922724	55907.41	56242.2	7.82	55915.23	56028.70313	55923.55707	56009.64453	505670.2	5409660.4
L5670.0	505670.3	5409661.2	17897.30078	313.20	47.98	48.839898	-86.922724	55906.86	56242.2	7.82	55914.68	56029.57422	55921.84312	56008.68750	505670.3	5409661.2
L5670.0	505670.3	5409661.2	17897.40039	313.97	47.98	48.839898	-86.922724	55906.32	56242.2	7.82	55914.15	56030.50000	55920.64743	56008.27344	505670.3	5409661.2
L5670.0	505670.3	5409661.2	17897.50000	313.38	52.58	48.839898	-86.922724	55905.84	56242.2	7.82	55913.67	56031.51563	55920.51226	56008.94141	505670.3	5409661.2
L5670.0	505670.3	5409662.4	17897.59961	313.16	50.03	48.839910	-86.922723	55905.46	56242.2	7.83	55913.29	56032.66797	55922.31795	56011.57422	505670.3	5409662.4
L5670.0	505670.3	5409663.1	17897.69922	311.93	50.03	48.839916	-86.922723	55905.01	56242.2	7.83	55912.84	56033.78516	55922.94454	56013.05078	505670.3	5409663.1
L5670.0	505670.3	5409663.1	17897.80078	311.74	51.63	48.839916	-86.922723	55904.48	56242.2	7.83	55912.31	56034.85547	55922.24231	56013.21875	505670.3	5409663.1
L5670.0	505670.4	5409663.8	17897.90039	308.10	51.63	48.839922	-86.922722	55903.97	56242.2	7.84	55911.81	56035.99609	55922.18529	56014.05859	505670.4	5409663.8
L5670.0	505670.4	5409664.5	17898.00000	308.93	51.63	48.839929	-86.922722	55903.37	56242.2	7.84	55911.21	56037.07422	55920.48830	56013.28125	505670.4	5409664.5
L5670.0	505670.4	5409665.1	17898.09961	307.84	50.93	48.839934	-86.922722	55902.78	56242.2	7.84	55910.63	56038.20313	55919.26522	56013.00000	505670.4	5409665.1
L5670.0	505670.5	5409665.7	17898.19922	308.20	49.97	48.839939	-86.922721	55902.07	56242.2	7.85	55909.92	56039.24219	55915.94817	56010.64453	505670.5	5409665.7
L5670.0	505670.5	5409666.3	17898.30078	307.53	49.97	48.839944	-86.922721	55901.59	56242.1	7.85	55909.45	56040.55859	55916.81139	56012.49609	505670.5	5409666.3
L5670.0	505670.5	5409666.3	17898.40039	307.78	48.02	48.839944	-86.922721	55901.04	56242.1	7.86	55908.89	56041.81641	55916.23092	56012.92578	505670.5	5409666.3
L5670.0	505670.6	5409667.1	17898.50000	307.29	45.48	48.839952	-86.922720	55900.51	56242.1	7.86	55908.37	56043.15234	55916.38340	56014.10938	505670.6	5409667.1
L5670.0	505670.6	5409667.7	17898.59961	308.02	45.93	48.839957	-86.922719	55899.92	56242.1	7.86	55907.79	56044.46094	55915.60920	56014.39063	505670.6	5409667.7
L5670.0	505670.7	5409668.5	17898.69922	308.64	45.93	48.839965	-86.922718	55899.42	56242.1	7.87	55907.29	56045.88672	55916.19501	56016.05078	505670.7	5409668.5
L5670.0	505670.7	5409668.5	17898.80078	309.32	47.08	48.839965	-86.922718	55898.71	56242.1	7.87	55906.58	56047.13672	55913.41801	56014.37109	505670.7	5409668.5
L5670.0	505670.7	5409669.3	17898.90039	309.46	47.08	48.839971	-86.922717	55898.16	56242.1	7.88	55906.03	56048.57813	55913.27527	56015.34766	505670.7	5409669.3
L5670.0	505670.8	5409669.9	17899.00000	309.79	46.06	48.839977	-86.922716	55897.52	56242.1	7.88	55905.40	56049.97266	55911.86573	56015.08203	505670.8	5409669.9
L5670.0	505670.9	5409670.4	17899.09961	309.20	45.57	48.839982	-86.922716	55896.96	56242.1	7.88	55904.84	56051.47266	55911.60017	56015.97656	505670.9	5409670.4
L5670.0	505670.9	5409671.0	17899.19922	310.22	45.57	48.839987	-86.922715	55896.38	56242.1	7.88	55904.27	56052.99609	55911.16920	56016.73047	505670.9	5409671.0
L5670.0	505670.9	5409671.0	17899.30078	309.66	45.73	48.839987	-86.922715	55895.83	56242.1	7.89	55903.71	56054.56250	55910.88414	56017.64844	505670.9	5409671.0
L5670.0	505671.0	5409671.7	17899.40039	309.98	45.73	48.839993	-86.922714	55895.22	56242.1	7.89	55903.11	56056.11719	55909.90123	56017.89063	505671.0	5409671.7
L5670.0	505671.0	5409672.4	17899.50000	311.09	45.69	48.839999	-86.922713	55894.62	56242.1	7.89	55902.51	56057.70313	55908.85547	56018.08984	505671.0	5409672.4
L5670.0	505671.1	5409673.0	17899.59961	309.50	47.43	48.840004	-86.922712	55893.95	56242.1	7.89	55901.85	56059.26172	55906.70822	56017.20703	505671.1	5409673.0
L5670.0	505671.1	5409673.4	17899.69922	311.01	47.52	48.840008	-86.922712	55893.45	56242.1	7.89	55901.34	56061.00000	55907.01583	56018.79688	505671.1	5409673.4
L5670.0	505671.2	5409673.9	17899.80078	309.81	47.52	48.840013	-86.922711	55892.82	56242.1	7.90	55900.71	56062.64844	55905.15604	56018.24219	505671.2	5409673.9
L5670.0	505671.2	5409673.9	17899.90039	310.58	45.89	48.840013	-86.922711	55892.14	56242.1	7.90	55900.04	56064.28125	55902.44946	56016.85547	505671.2	5409673.9
L5670.0	505671.2	5409674.5	17900.00000	310.64	45.89	48.840018	-86.922710	55891.56	56242.1	7.90	55899.46	56066.03516	55901.16967	56016.91406	505671.2	5409674.5
L5670.0	505671.3	5409675.0	17900.09961	309.59	43.61	48.840022	-86.922710	55890.94	56242.1	7.90	55898.84	56067.77734	55899.02236	56016.12500	505671.3	5409675.0
L5670.0	505671.3	5409675.4	17900.19922	309.17	44.26	48.840026	-86.922709	55890.56	56242.1	7.91	55898.47	56069.79688	55901.23506	56019.71094	505671.3	5409675.4
L5670.0	505671.4	5409675.8	17900.30078	311.27	44.26	48.840030	-86.922708	55890.01	56242.1	7.91	55897.92	56071.66016	55900.05815	56019.92578	505671.4	5409675.8
L5670.0	505671.4	5409676.2	17900.40039	311.53	44.51	48.840034	-86.922708	55889.56	56242.1	7.91	55897.47	56073.64453	55900.56697	56021.84375	505671.4	5409676.2
L5670.0	505671.5	5409676.7	17900.50000	311.76	44.51	48.840038	-86.922707	55889.07	56242.1	7.92	55896.99	56075.62891	55900.38070	56023.08203	505671.5	5409676.7
L5670.0	505671.5	5409676.7	17900.59961	310.94	41.26	48.840038	-86.922707	55888.70	56242.1	7.92	55896.61	56077.73438	55901.93241	56026.07031	505671.5	5409676.7
L5670.0	505671.5	5409677.2	17900.69922	311.56	43.5	48.840042	-86.922706	55888.36	56242.1	7.92	55896.28	56079.91406	55904.32008	56029.91016	505671.5	5409677.2
L5670.0	505671.6	5409677.7	17900.80078	310.03	43.5	48.840047	-86.922706	55887.93	56242.1	7.92	55895.86	56082.02344	55904.88053	56031.93750	505671.6	5409677.7
L5670.0	505671.6	5409677.7	17900.90039	309.89	40.57	48.840047	-86.922706	55887.40	56242.1	7.93	55895.33	56084.04297	55903.18699	56031.72656	505671.6	5409677.7
L5670.0	505671.6	5409678.1	17901.00000	309.39	40.57	48.840051	-86.922705	55886.90	56242.1	7.93	55894.83	56086.11328	55901.92745	56031.96094	505671.6	5409678.1
L5670.0	505671.7	5409678.5	17901.09961	310.80	40.41	48.840055	-86.922705	55886.21	56242.1	7.93	55894.14	56088.01172	55896.80715	56028.34766	505671.7	5409678.5
L5670.0	505671.7	5409679.0	17901.19922	312.88	40.41	48.840058	-86.922704	55885.68	56242.1	7.93	55893.61	56090.08594	55894.68405	56027.74219	505671.7	5409679.0
L5670.0	505671.7	5409679.0	17901.30078	313.04	39.37	48.840058	-86.922704	55885.20	56242.1	7.93	55893.13	56092.23047	55893.45112	56028.03516	505671.7	5409679.0
L5670.0	505671.7	5409679.3	17901.40039	312.32	43.41	48.840062	-86.922704	55884.65	56242.1	7.93	55892.58	56094.32031	55890.74703	56026.87109	505671.7	5409679.3
L5670.0	505671.7	5409679.7	17901.50000	314.13	43.41	48.840065	-86.922704	55884.16	56242.1	7.93	55892.09	56096.48047	55889.18451	56026.85938	505671.7	5409679.7
L5670.0	505671.7	5409679.7	17901.59961	314.61	41.64	48.840065	-86.922704	55883.74	56242.1	7.93	55891.67	56098.73047	55889.00727	56028.23828	505671.7	5409679.7
L5670.0	505671.7	5409680.0	17901.69922	313.69	41.64	48.840068	-86.922704	55883.28	56242.1	7.93	55891.21	56100.94922	55888.02971	56028.82422	505671.7	5409680.0
L5670.0	505671.7	5409680.3	17901.80078	311.80	38.95	48.840070	-86.922704	55882.98	56242.1	7.93	55890.91	56103.33984	55890.33139	56032.69922	505671.7	5409680.3
L5670.0	505671.7	5409680.6	17901.90039	310.41	38.48	48.840073	-86.922703	55882.55	56242.1	7.93	55890.48	56105.60938	55890.05828	56034.00781	505671.7	5409680.6
L5670.0	505671.8	5409680.9	17902.00000	309.32	39.55	48.840076	-86.922703	55882.24	56242.1	7.93	55890.17	56108.00781	55892.31771	56037.85156	505671.8	5409680.9
L5670.0	505671.8	5409681.2	17902.09961	311.12	39.55	48.840078	-86.922703	55881.91	56242.1	7.93	55889.85	56110.40625	55894.49051	56041.61719	505671.8	5409681.2
L5670.0	505671.8	5409681.2	17902.19922	312.91	41.07	48.840078	-86.922703	55881.62	56242.1	7.94	55889.56	56112.84375	55897.41615	56046.14063	505671.8	5409681.2
L5670.0	505671.8	5409681.4	17902.30078	310.61	40.48	48.840080	-86.922703	55881.33	56242.1	7.94	55889.28	56115.29297	55900.70707	56051.03125	505671.8	5409681.4
L5670.0	505671.8	5409681.6	17902.40039	312.03	40.48	48.840082	-86.922703	55881.08	56242	7.95	55889.03	56117.77734	55904.79155	56056.71875	505671.8	5409681.6
L5670.0	505671.8	5409681.8	17902.50000	312.08	42.49	48.840084	-86.922703	55880.90	56242	7.96	55888.85	56120.33594	55910.50632	56064.03906	505671.8	5409681.8
L5670.0	505671.8	5409682.0	17902.59961	314.29	43.18	48.840085	-86.922702	55880.75	56242	7.96	55888.71	56122.93750	55917.25105	56072.39063	505671.8	5409682.0
L5670.0	505671.8	5409682.0	17902.69922	312.71	43.88	48.840085	-86.922702	55880.68	56242	7.97	55888.65	56125.62109	55925.85909	56082.60547	505671.8	5409682.0
L5670.1	505672.1	5408360.6	8829.79981	367.27	0	48.828199	-86.922717	56264.71	56252	-2.04	56262.67	56107.85156	56354.11618	56152.37500	505672.1	5408360.6
L5670.1	505672.0	5408361.1	8829.79981	367.27	0	48.828203	-86.922718	56264.01	56252	-2.04	56261.96	56106.53125	56348.30850	56146.18750	505672.0	5408361.1
L5670.1	505672.0	5408361.1	8830.00000	366.86	0	48.828203	-86.922718	56263.21	56252	-2.04	56261.17	56105.12891	56340.99888	56138.49609	505672.0	5408361.1
L5670.1	505672.0	5408361.6	8830.09961	364.46	0	48.828208	-86.922719	56262.86	56252	-2.04	56260.81	56104.15625	56344.14156	56141.25781	505672.0	5408361.6
L5670.1	505672.0	5408361.6	8830.20020	366.32	0	48.828208	-86.922719	56261.80	56252	-2.04	56259.76	56102.49219	56331.50367	56128.23438	505672.0	5408361.6
L5670.1	505671.9	5408362.1	8830.29981	365.43	0	48.828212	-86.922719	56261.30	56252	-2.05	56259.25	56101.36328	56331.90661	56128.25000	505671.9	5408362.1
L5670.1	505671.8	5408362.7	8830.40039	367.26	0	48.828217	-86.922720	56260.48	56252	-2.05	56258.43	56099.92578	56325.44232	56121.39844	505671.8	5408362.7
L5670.1	505671.8	5408362.7	8830.50000	367.91	0	48.828217	-86.922720	56259.50	56252.1	-2.05	56257.45	56098.32422	56315.62989	56111.19531	505671.8	5408362.7
L5670.1	505671.8	5408363.3	8830.59961	368.68	0	48.828223	-86.922721	56258.24	56252.1	-2.05	56256.19	56096.43750	56299.66269	56094.83203	505671.8	5408363.3

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5670.1	505671.7	5408363.9	8830.70020	368.26	0	48.828228	-86.922722	56258.13	56252.1	-2.05	56256.08	56095.69922	56311.04635	56105.81641	505671.7	5408363.9
L5670.1	505671.7	5408364.4	8830.79981	366.20	0	48.828233	-86.922723	56257.01	56252.1	-2.06	56254.95	56093.93750	56298.94730	56093.31250	505671.7	5408364.4
L5670.1	505671.7	5408364.4	8830.90039	366.40	0	48.828233	-86.922723	56256.02	56252.1	-2.06	56253.96	56092.30859	56290.54514	56084.50391	505671.7	5408364.4
L5670.1	505671.6	5408365.1	8831.00000	365.46	0	48.828239	-86.922723	56255.35	56252.1	-2.06	56253.29	56090.99609	56290.06025	56083.60547	505671.6	5408365.1
L5670.1	505671.6	5408365.8	8831.09961	364.95	0	48.828245	-86.922724	56255.09	56252.1	-2.06	56253.03	56090.08984	56299.60424	56092.73047	505671.6	5408365.8
L5670.1	505671.6	5408365.8	8831.20020	363.78	0	48.828245	-86.922724	56254.10	56252.1	-2.06	56252.04	56088.44531	56292.47264	56085.17578	505671.6	5408365.8
L5670.1	505671.6	5408366.4	8831.29981	362.67	0	48.828251	-86.922724	56253.82	56252.1	-2.06	56251.76	56087.50391	56302.40358	56094.67578	505671.6	5408366.4
L5670.1	505671.6	5408367.1	8831.40039	365.72	0	48.828257	-86.922723	56253.10	56252.1	-2.06	56251.04	56086.12109	56302.45777	56094.29688	505671.6	5408367.1
L5670.1	505671.6	5408367.1	8831.50000	362.87	0	48.828257	-86.922723	56252.27	56252.1	-2.06	56250.21	56084.61719	56300.36830	56091.76563	505671.6	5408367.1
L5670.1	505671.6	5408367.9	8831.59961	364.25	0	48.828264	-86.922723	56251.63	56252.1	-2.06	56249.57	56083.30078	56303.16519	56094.11328	505671.6	5408367.9
L5670.1	505671.6	5408368.4	8831.70020	364.08	0	48.828269	-86.922723	56250.96	56252.1	-2.06	56248.90	56081.94531	56305.69593	56096.18750	505671.6	5408368.4
L5670.1	505671.6	5408368.4	8831.79981	360.51	0	48.828269	-86.922723	56250.72	56252.1	-2.06	56248.66	56081.01172	56318.73846	56108.76563	505671.6	5408368.4
L5670.1	505671.7	5408369.2	8831.79981	360.51	0	48.828276	-86.922723	56249.64	56252.1	-2.06	56247.58	56079.23047	56312.54094	56102.10156	505671.7	5408369.2
L5670.1	505671.7	5408369.8	8832.00000	360.98	0	48.828282	-86.922723	56248.56	56252.1	-2.06	56246.50	56077.44531	56306.78333	56095.86719	505671.7	5408369.8
L5670.1	505671.7	5408370.5	8832.09961	365.22	0	48.828288	-86.922722	56248.04	56252.1	-2.06	56245.98	56076.21094	56314.58565	56103.18359	505671.7	5408370.5
L5670.1	505671.7	5408370.5	8832.20020	364.22	0	48.828288	-86.922722	56246.78	56252.1	-2.06	56244.72	56074.22656	56305.49265	56093.60156	505671.7	5408370.5
L5670.1	505671.7	5408371.5	8832.29981	365.08	0	48.828297	-86.922722	56245.93	56252.1	-2.06	56243.87	56072.64453	56306.44619	56094.05859	505671.7	5408371.5
L5670.1	505671.7	5408371.5	8832.40039	364.15	0	48.828297	-86.922722	56244.83	56252.1	-2.06	56242.76	56070.79688	56301.74996	56088.85547	505671.7	5408371.5
L5670.1	505671.7	5408372.6	8832.50000	365.34	0	48.828307	-86.922722	56243.70	56252.1	-2.07	56241.63	56068.92188	56297.02650	56083.62109	505671.7	5408372.6
L5670.1	505671.7	5408373.4	8832.59961	364.25	0	48.828314	-86.922722	56242.46	56252.1	-2.07	56240.40	56066.93750	56290.40136	56076.48047	505671.7	5408373.4
L5670.1	505671.7	5408373.4	8832.70020	365.02	0	48.828314	-86.922722	56241.97	56252.1	-2.07	56239.90	56065.67578	56301.31900	56086.87109	505671.7	5408373.4
L5670.1	505671.7	5408374.3	8832.79981	367.35	0	48.828321	-86.922722	56240.63	56252.1	-2.07	56238.56	56063.56641	56292.99774	56078.01953	505671.7	5408374.3
L5670.1	505671.7	5408375.0	8832.90039	368.75	0	48.828328	-86.922722	56239.38	56252.1	-2.07	56237.31	56061.53906	56287.22448	56071.70703	505671.7	5408375.0
L5670.1	505671.7	5408376.0	8833.00000	369.95	0	48.828337	-86.922722	56238.04	56252.1	-2.07	56235.97	56059.41797	56279.78151	56063.72266	505671.7	5408376.0
L5670.1	505671.7	5408376.0	8833.09961	369.14	0	48.828337	-86.922722	56237.11	56252.1	-2.07	56235.03	56057.68359	56282.14735	56065.53906	505671.7	5408376.0
L5670.1	505671.7	5408377.1	8833.20020	371.09	0	48.828347	-86.922722	56235.70	56252.1	-2.07	56233.63	56055.48828	56274.17335	56057.00781	505671.7	5408377.1
L5670.1	505671.7	5408378.0	8833.29981	368.94	0	48.828355	-86.922722	56234.40	56252.1	-2.07	56232.32	56053.37109	56268.74347	56051.01953	505671.7	5408378.0
L5670.1	505671.6	5408378.8	8833.40039	369.21	0	48.828362	-86.922723	56233.02	56252.1	-2.07	56230.94	56051.17969	56262.10801	56043.82031	505671.6	5408378.8
L5670.1	505671.6	5408378.8	8833.50000	368.60	0	48.828362	-86.922723	56232.18	56252.1	-2.07	56230.11	56049.53516	56268.79061	56049.93359	505671.6	5408378.8
L5670.1	505671.6	5408379.8	8833.59961	368.53	0	48.828371	-86.922723	56230.71	56252.1	-2.08	56228.64	56047.24219	56260.91105	56041.48047	505671.6	5408379.8
L5670.1	505671.6	5408380.7	8833.70020	368.31	0	48.828379	-86.922724	56229.28	56252.1	-2.08	56227.20	56044.97266	56254.16406	56034.15625	505671.6	5408380.7
L5670.1	505671.5	5408381.6	8833.79981	367.02	0	48.828388	-86.922724	56228.06	56252.1	-2.08	56225.98	56042.92188	56252.99908	56032.41016	505671.5	5408381.6
L5670.1	505671.5	5408381.6	8833.79981	367.02	0	48.828388	-86.922724	56227.00	56252.1	-2.08	56224.93	56041.03125	56256.24278	56035.07422	505671.5	5408381.6
L5670.1	505671.5	5408382.6	8834.00000	368.37	0	48.828396	-86.922725	56225.24	56252.1	-2.08	56223.16	56038.42188	56243.04263	56021.28906	505671.5	5408382.6
L5670.1	505671.5	5408382.6	8834.09961	363.96	0	48.828396	-86.922725	56223.88	56252.1	-2.08	56221.80	56036.21484	56239.86942	56017.53125	505671.5	5408382.6
L5670.1	505671.5	5408383.6	8834.20020	364.27	0	48.828406	-86.922725	56222.61	56252.1	-2.08	56220.53	56034.09766	56239.22394	56016.30078	505671.5	5408383.6
L5670.1	505671.5	5408384.7	8834.29981	365.11	0	48.828416	-86.922725	56221.13	56252.1	-2.08	56219.04	56031.75781	56233.84105	56010.32813	505671.5	5408384.7
L5670.1	505671.4	5408386.0	8834.40039	366.38	0	48.828427	-86.922725	56219.80	56252.1	-2.08	56217.72	56029.58594	56232.85465	56008.75781	505671.4	5408386.0
L5670.1	505671.4	5408386.0	8834.50000	365.35	0	48.828427	-86.922725	56218.34	56252.1	-2.08	56216.26	56027.26953	56228.99920	56004.31641	505671.4	5408386.0
L5670.1	505671.4	5408387.0	8834.59961	364.73	0	48.828436	-86.922726	56216.94	56252.1	-2.08	56214.86	56025.01563	56226.95692	56001.69141	505671.4	5408387.0
L5670.1	505671.4	5408388.2	8834.70020	363.28	0	48.828447	-86.922726	56215.46	56252.1	-2.08	56213.38	56022.68359	56223.44444	55997.59766	505671.4	5408388.2
L5670.1	505671.4	5408389.7	8834.79981	365.86	0	48.828460	-86.922726	56214.06	56252.1	-2.08	56211.98	56020.42969	56222.20635	55995.77734	505671.4	5408389.7
L5670.1	505671.4	5408389.7	8834.90039	364.65	0	48.828460	-86.922726	56212.78	56252.1	-2.08	56210.70	56018.29688	56224.17566	55997.17578	505671.4	5408389.7
L5670.1	505671.4	5408390.8	8835.00000	365.69	0	48.828470	-86.922726	56211.61	56252.1	-2.08	56209.53	56016.27734	56229.11367	56001.54297	505671.4	5408390.8
L5670.1	505671.4	5408390.8	8835.09961	364.75	0	48.828470	-86.922726	56209.86	56252.1	-2.08	56207.78	56013.67969	56220.85064	55992.71484	505671.4	5408390.8
L5670.1	505671.4	5408391.9	8835.20020	364.12	0	48.828480	-86.922726	56208.16	56252.1	-2.08	56206.08	56011.13672	56214.14076	55985.44531	505671.4	5408391.9
L5670.1	505671.4	5408393.1	8835.29981	366.03	0	48.828491	-86.922726	56206.72	56252.1	-2.07	56204.64	56008.85938	56213.89824	55984.65234	505671.4	5408393.1
L5670.1	505671.4	5408393.1	8835.40039	364.99	0	48.828491	-86.922726	56205.48	56252.1	-2.07	56203.41	56006.79688	56218.94576	55989.15625	505671.4	5408393.1
L5670.1	505671.4	5408394.1	8835.50000	364.36	0	48.828500	-86.922726	56203.90	56252.1	-2.07	56201.83	56004.38672	56216.15752	55985.83203	505671.4	5408394.1
L5670.1	505671.4	5408395.1	8835.59961	361.58	0	48.828509	-86.922727	56202.47	56252.1	-2.07	56200.40	56002.13672	56217.24035	55986.39063	505671.4	5408395.1
L5670.1	505671.3	5408396.4	8835.70020	361.41	0	48.828521	-86.922727	56200.81	56252.1	-2.07	56198.74	55999.66797	56213.28442	55981.91797	505671.3	5408396.4
L5670.1	505671.3	5408396.4	8835.79981	361.18	0	48.828521	-86.922727	56199.23	56252.1	-2.06	56197.17	55997.29297	56211.77857	55979.90625	505671.3	5408396.4
L5670.1	505671.3	5408397.6	8835.79981	361.18	0	48.828532	-86.922727	56197.62	56252.1	-2.06	56195.56	55994.89063	56209.66875	55977.30078	505671.3	5408397.6
L5670.1	505671.3	5408398.9	8836.00000	360.71	0	48.828543	-86.922727	56195.83	56252.1	-2.06	56193.77	55992.31641	56203.66600	55970.82031	505671.3	5408398.9
L5670.1	505671.3	5408398.9	8836.09961	358.70	0	48.828543	-86.922727	56194.36	56252.1	-2.06	56192.29	55990.06641	56205.24008	55971.92969	505671.3	5408398.9
L5670.1	505671.3	5408400.2	8836.20020	359.01	0	48.828555	-86.922727	56192.91	56252.1	-2.06	56190.84	55987.85547	56207.82095	55974.05859	505671.3	5408400.2
L5670.1	505671.3	5408401.2	8836.29981	357.25	0	48.828564	-86.922727	56191.20	56252.1	-2.06	56189.13	55985.39844	56204.60359	55970.40234	505671.3	5408401.2
L5670.1	505671.3	5408401.2	8836.40039	355.92	0	48.828564	-86.922727	56189.66	56252.1	-2.06	56187.59	55983.12891	56205.65012	55971.03125	505671.3	5408401.2
L5670.1	505671.3	5408402.6	8836.50000	358.23	0	48.828577	-86.922727	56187.88	56252.1	-2.07	56185.81	55980.63281	56201.34281	55966.32031	505671.3	5408402.6
L5670.1	505671.3	5408403.7	8836.59961	358.94	0	48.828586	-86.922727	56186.44	56252.1	-2.07	56184.37	55978.49219	56205.25642	55969.85156	505671.3	5408403.7
L5670.1	505671.3	5408403.7	8836.70020	362.77	0	48.828586	-86.922727	56184.18	56252.1	-2.07	56182.11	55975.54688	56190.20114	55954.42969	505671.3	5408403.7
L5670.1	505671.3	5408405.2	8836.79981	363.42	0	48.828600	-86.922727	56182.61	56252.1	-2.07	56180.54	55973.31250	56191.53773	55955.42188	505671.3	5408405.2
L5670.1	505671.3	5408405.2	8836.90039	364.22	0	48.828600	-86.922727	56181.07	56252.1	-2.07	56179.00	55971.12500	56193.78854	55957.34766	505671.3	5408405.2
L5670.1	505671.3	5408406.4	8837.00000	362.77	0	48.828611	-86.922727	56179.21	56252.1	-2.07	56177.14	55968.63672	56188.73761	55951.99609	505671.3	5408406.4
L5670.1	505671.3	5408407.5	8837.09961	363.19	0	48.828621	-86.922727	56177.50	56252.1	-2.07	56175.43	55966.32031	56187.37871	55950.35938	505671.3	5408407.5
L5670.1	505671.3	5408408.6	8837.20020	362.27	0	48.828630	-86.922728	56175.62	56252.1	-2.07	56173.55	55963.85547	56182.19706	55944.92188	505671.3	5408408.6
L5670.1	505671.2	5408409.6	8837.29981	358.64	0	48.828640	-86.922728	56173.86	56252.1	-2.07	56171.79	55961.53125	56179.96780	55942.46094	505671.2	5408409.6
L5670.1	505671.2	5408410.8	8837.40039	357.76	0	48.828651	-86.922728	56172.33	56252.1	-2.07	56170.25	55959.45313	56183.01402	55945.30078	505671.2	5408410.8
L5670.1	505671.2	5408410.8	8837.50000	360.21	0	48.828651	-86.922728	56170.83	56252.1	-2.07	56168.75	55957.43750	56187.09826	55949.20313	505671.2	5408410.8
L5670.1	505671.2	5408412.0	8837.59961	362.76	0	48.828661	-86.922728	56168.63	56252.1	-2.08	56166.56	55954.75781	56175.09712	55937.05078	505671.2	5408412.0
L5670.1	505671.2	5408413.1	8837.70020	362.72	0	48.828671	-86.922728	56166.84	56252.1	-2.08	56164.76	55952.49219	56172.29008	55934.11719	505671.2	5408413.1
L5670.1	505671.2	5408414.4	8837.79981	362.27	0	48.828682	-86.922728	56165.06	56252.1	-2.08	56162.98	55950.26953	56169.98598	55931.71484	505671.2	5408414.4
L5670.1	505671.2	5408414.4	8837.79981	362.27	0	48.828682	-86.922728	56163.42	56252.1	-2.08	56161.34	55948.21875	56170.97229	55932.63281	505671.2	5408414.4
L5670.1	505671.2	5408415.8	8838.00000	362.36	0	48.828695	-86.922728	56161.32	56252.1	-2.08	56159.24	55945.73438	56161.16792	55922.78906	505671.2	5408415.8
L5670.1	505671.3	5408416.6	8838.09961	363.02	0	48.828702	-86.922728	56159.50	56252.1	-2.08	56157.42	55943.55859	56157.88380	55919.50000	505671.3	5408416.6
L5670.1	505671.3	5408417.8	8838.20020	363.24	0	48.828713	-86.922727	56157.73	56252.1	-2.08	56155.65	55941.46484	56155.70550	55917.33984	505671.3	5408417.8
L5670.1	505671.3	5408417.8	8838.29981	363.93	0	48.828713	-86.922727	56155.73	56252.1	-2.08	56153.65	55939.16406	56148.04644	55909.73438	505671.3	5408417.8
L5670.1	505671.3	5408419.0	8838.40039	363.52	0	48.828724	-86.922727	56154.08	56252.1	-2.08	56152.00	55937.25000	56148.46701	55910.23828	505671.3	5408419.0
L5670.1	505671.3	5408420.3	8838.50000	364.83	0	48.828736	-86.922727	56151.98	56252.1	-2.08	56149.90	55934.91406	56138.19704	55900.08984	505671.3	5408420.3
L5670.1	505671.3	5408420.3	8838.59961	366.58	0	48.828736	-86.922727	56150.11	56252.1	-2.09	56148.03	55932.83984	56133.13838	55895.18359	505671.3	5408420.3
L5670.1	505671.3	5408421.5	8838.70020	364.44	0	48.828747	-86.922727	56148.42	56252.1	-2.09	56146.33	55930.96875	56131.85599	55894.08203	505671.3	5408421.5
L5670.1	505671.3	5408422.8	8838.79981	363.36	0	48.828758	-86.922727	56146.47	56252.1	-2.09	56144.39	55928.88672	56124.71469	55887.15625	505671.3	5408422.8
L5670.1	505671.3	5408424.2	8838.90039	364.41	0	48.828771	-86.922726	56144.28	56252.1	-2.09	56142.19	55926.58203	56111.21554	55873.91016	505671.3	5408424.2
L5670.1	505671.3	5408424.2	8839.00000	362.64	0	48.828771	-86.922726	56142.52	56252.1	-2.09	56140.43	55924.74609	56107.72696	55870.70703	505671.3	5408424.2
L5670.1	505671.4	5408425.4	8839.09961	362.69	0	48.828781	-86.922726	56140.90	56252.1	-2.09	56138.81	55923.08594	56107.18956	55870.49219	505671.4	5408425.4
L5670.1	505671.4	5408426.6	8839.20020	364.35	0	48.828792	-86.922725	56138.94	56252.1	-2.09	56136.85	55921.12109	56098.32666	55861.98438	505671.4	5408426.6
L5670.1	505671.4	5408426.6	8839.29981	364.02	0	48.828792	-86.922725	56137.24	56252.1	-2.09	56135.15	55919.44531	56095.16305	55859.20703	505671.4	5408426.6
L5670.1	505671.5	5408427.9	8839.40039	362.09	0	48.828804	-86.922725	56135.22	56252.1	-2.09	56133.13	55917.48828	56084.07894	55848.54688	505671.5	5408427.9
L5670.1	505671.5	5408429.1	8839.50000	363.58	0	48.828815	-86.922724	56133.54	56252.1	-2.08	56131.46	55915.91406	56080.73877	55845.66797	505671.5	5408429.1
L5670.1	505671.6	5408430.5	8839.59961	360.81	0	48.828827	-86.922723	56131.42	56252.1	-2.08	56129.34	55913.92578	56066.36858	55831.79297	505671.6	5408430.5
L5670.1	505671.6	5408430.5	8839.70020	359.87	0	48.828827	-86.922723	56129.49	56252.1	-2.08	56127.41	55912.16016	56055.93003	55821.88281	505671.6	5408430.5
L5670.1	505671.6	5408431.7	8839.79981	359.80	0	48.828838	-86.922722	56128.06	56252.1	-2.08	56125.98	55910.92969	56056.65385	55823.17188	505671.6	5408431.7
L5670.1	505671.7	5408433.0	8839.79981	359.80	0	48.828850	-86.922722	56126.38	56252.1	-2.08	56124.30	55909.48438	56050.93786	55818.05078	505671.7	5408433.0

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5670.1	505671.7	5408433.0	8840.00000	361.50	0	48.828850	-86.922722	56124.57	56252.1	-2.08	56122.49	55907.94531	56041.56209	55809.31250	505671.7	5408433.0
L5670.1	505671.7	5408434.7	8840.00000	361.50	0	48.828865	-86.922721	56122.90	56252.1	-2.08	56120.82	55906.57813	56034.82106	55803.23828	505671.7	5408434.7
L5670.1	505671.8	5408436.1	8840.20020	362.21	0	48.828878	-86.922720	56121.38	56252.1	-2.07	56119.30	55905.39453	56030.91863	55800.03906	505671.8	5408436.1
L5670.1	505671.8	5408436.1	8840.29981	362.21	0	48.828878	-86.922720	56119.52	56252.1	-2.07	56117.45	55903.91797	56018.57976	55788.43359	505671.8	5408436.1
L5670.1	505671.8	5408437.5	8840.40039	361.22	0	48.828890	-86.922720	56117.88	56252.1	-2.07	56115.82	55902.69531	56010.66033	55781.28125	505671.8	5408437.5
L5670.1	505671.8	5408437.5	8840.50000	361.75	0	48.828890	-86.922720	56116.50	56252.1	-2.07	56114.44	55901.75391	56007.83470	55779.25781	505671.8	5408437.5
L5670.1	505671.9	5408439.3	8840.59961	362.40	0	48.828906	-86.922719	56115.25	56252.1	-2.06	56113.19	55900.97656	56007.26389	55779.51953	505671.9	5408439.3
L5670.1	505671.9	5408440.2	8840.70020	362.49	0	48.828915	-86.922719	56113.14	56252.1	-2.06	56111.08	55899.37109	55985.72795	55758.84766	505671.9	5408440.2
L5670.1	505671.9	5408441.7	8840.79981	363.35	0	48.828928	-86.922718	56112.04	56252.1	-2.06	56109.98	55898.80859	55987.01052	55761.02344	505671.9	5408441.7
L5670.1	505671.9	5408441.7	8840.90039	362.01	0	48.828928	-86.922718	56110.38	56252.1	-2.05	56108.33	55897.73047	55974.54003	55749.47656	505671.9	5408441.7
L5670.1	505672.0	5408442.8	8841.00000	359.73	0	48.828938	-86.922717	56108.71	56252.1	-2.05	56106.66	55896.66406	55960.70957	55736.60156	505672.0	5408442.8
L5670.1	505672.0	5408442.8	8841.09961	361.67	0	48.828938	-86.922717	56107.77	56252.1	-2.05	56105.72	55896.35938	55963.06746	55739.94531	505672.0	5408442.8
L5670.1	505672.0	5408444.3	8841.20020	361.39	0	48.828951	-86.922717	56106.03	56252.1	-2.05	56103.98	55895.28125	55945.74876	55723.63672	505672.0	5408444.3
L5670.1	505672.1	5408445.8	8841.29981	362.52	0	48.828965	-86.922716	56105.04	56252.1	-2.05	56102.99	55894.98438	55945.04653	55723.96875	505672.1	5408445.8
L5670.1	505672.1	5408446.6	8841.40039	362.92	0	48.828972	-86.922716	56103.70	56252.1	-2.05	56101.65	55894.36719	55935.17254	55715.16016	505672.1	5408446.6
L5670.1	505672.1	5408448.1	8841.50000	364.51	0	48.828985	-86.922716	56102.71	56252.1	-2.05	56100.66	55894.12891	55932.50955	55713.58984	505672.1	5408448.1
L5670.1	505672.1	5408449.6	8841.59961	364.29	0	48.828999	-86.922715	56101.46	56252.1	-2.05	56099.41	55893.66016	55922.75197	55704.94531	505672.1	5408449.6
L5670.1	505672.1	5408450.8	8841.70020	362.58	0	48.829010	-86.922715	56100.97	56252.1	-2.05	56098.92	55893.97656	55929.78271	55713.11719	505672.1	5408450.8
L5670.1	505672.1	5408450.8	8841.79981	364.37	0	48.829010	-86.922715	56099.88	56252.1	-2.05	56097.83	55893.72266	55921.72901	55706.21875	505672.1	5408450.8
L5670.1	505672.1	5408452.2	8841.79981	364.37	0	48.829022	-86.922715	56098.88	56252.1	-2.05	56096.82	55893.57031	55914.51203	55700.18359	505672.1	5408452.2
L5670.1	505672.1	5408452.2	8842.00000	365.52	0	48.829022	-86.922715	56097.80	56252.1	-2.05	56095.75	55893.38672	55904.84424	55691.72266	505672.1	5408452.2
L5670.1	505672.1	5408454.1	8842.09961	366.82	0	48.829040	-86.922715	56097.18	56252.1	-2.05	56095.13	55893.67578	55904.66789	55692.76953	505672.1	5408454.1
L5670.1	505672.1	5408455.2	8842.20020	365.91	0	48.829050	-86.922715	56096.63	56252.1	-2.05	56094.57	55894.04688	55904.84247	55694.18750	505672.1	5408455.2
L5670.1	505672.1	5408456.5	8842.29981	364.67	0	48.829061	-86.922715	56095.65	56252.1	-2.05	56093.60	55894.03125	55894.35530	55684.95703	505672.1	5408456.5
L5670.1	505672.1	5408456.5	8842.40039	364.79	0	48.829061	-86.922715	56095.20	56252.1	-2.05	56093.15	55894.55469	55894.99417	55686.87109	505672.1	5408456.5
L5670.1	505672.1	5408456.5	8842.50000	360.67	0	48.829061	-86.922715	56094.64	56252.1	-2.05	56092.59	55894.99219	55892.00209	55685.17188	505672.1	5408456.5
L5670.1	505672.1	5408459.2	8842.59961	360.86	0	48.829085	-86.922715	56094.42	56252.1	-2.05	56092.37	55895.78516	55895.92580	55690.40625	505672.1	5408459.2
L5670.1	505672.1	5408459.2	8842.70020	361.79	0	48.829085	-86.922715	56093.86	56252.1	-2.05	56091.81	55896.26172	55890.84113	55686.64063	505672.1	5408459.2
L5670.1	505672.1	5408460.7	8842.79981	362.16	0	48.829099	-86.922715	56093.63	56252.1	-2.05	56091.58	55897.07813	55892.45308	55689.58594	505672.1	5408460.7
L5670.1	505672.1	5408462.0	8842.90039	363.85	0	48.829110	-86.922715	56093.40	56252.1	-2.05	56091.35	55897.91797	55893.04127	55691.51563	505672.1	5408462.0
L5670.1	505672.1	5408462.0	8843.00000	363.08	0	48.829110	-86.922715	56093.46	56252.1	-2.05	56091.41	55899.05859	55899.41248	55699.24609	505672.1	5408462.0
L5670.1	505672.1	5408463.3	8843.09961	362.63	0	48.829122	-86.922715	56093.40	56252	-2.05	56091.36	55900.10547	55902.21062	55703.41016	505672.1	5408463.3
L5670.1	505672.1	5408464.3	8843.20020	362.34	0	48.829132	-86.922715	56093.43	56252	-2.04	56091.38	55901.23828	55905.66957	55708.24219	505672.1	5408464.3
L5670.1	505672.1	5408466.0	8843.29981	365.70	0	48.829147	-86.922715	56093.11	56252	-2.04	56091.06	55902.03906	55900.20310	55704.15625	505672.1	5408466.0
L5670.1	505672.1	5408466.0	8843.40039	364.64	0	48.829147	-86.922715	56093.56	56252	-2.04	56091.52	55903.63281	55912.07097	55717.41016	505672.1	5408466.0
L5670.1	505672.1	5408467.5	8843.50000	364.41	0	48.829160	-86.922715	56093.61	56252	-2.04	56091.57	55904.82422	55913.41747	55720.15234	505672.1	5408467.5
L5670.1	505672.1	5408467.5	8843.59961	361.53	0	48.829160	-86.922715	56093.93	56252	-2.03	56091.90	55906.30469	55920.43248	55728.56641	505672.1	5408467.5
L5670.1	505672.1	5408469.1	8843.70020	361.00	0	48.829175	-86.922715	56094.07	56252	-2.03	56092.04	55907.60547	55922.13185	55731.66797	505672.1	5408469.1
L5670.1	505672.1	5408470.6	8843.79981	362.82	0	48.829188	-86.922716	56094.82	56252	-2.03	56092.79	55909.51953	55937.28617	55748.22656	505672.1	5408470.6
L5670.1	505672.1	5408470.6	8843.79981	362.82	0	48.829188	-86.922716	56094.82	56252	-2.03	56092.80	55910.70313	55934.29866	55746.64063	505672.1	5408470.6
L5670.1	505672.1	5408472.4	8844.00000	364.43	0	48.829204	-86.922716	56095.10	56252	-2.02	56093.08	55912.15625	55936.86310	55750.61328	505672.1	5408472.4
L5670.1	505672.0	5408473.5	8844.09961	362.91	0	48.829214	-86.922716	56095.86	56252	-2.02	56093.84	55914.09766	55949.93285	55765.08984	505672.0	5408473.5
L5670.1	505672.0	5408474.7	8844.20020	363.99	0	48.829225	-86.922716	56096.48	56252	-2.02	56094.46	55915.89844	55959.01798	55775.57813	505672.0	5408474.7
L5670.1	505672.0	5408475.8	8844.29981	365.31	0	48.829235	-86.922716	56096.72	56252	-2.02	56094.70	55917.32031	55958.53243	55776.49219	505672.0	5408475.8
L5670.1	505672.0	5408475.8	8844.40039	363.70	0	48.829235	-86.922716	56097.40	56252	-2.02	56095.38	55919.17969	55967.72458	55787.08203	505672.0	5408475.8
L5670.1	505672.0	5408477.3	8844.50000	363.66	0	48.829249	-86.922716	56098.23	56252	-2.02	56096.21	55921.19141	55979.83952	55800.58984	505672.0	5408477.3
L5670.1	505672.0	5408479.1	8844.59961	364.98	0	48.829265	-86.922716	56098.90	56252	-2.02	56096.88	55923.03906	55987.65493	55809.79688	505672.0	5408479.1
L5670.1	505672.0	5408480.3	8844.70020	365.43	0	48.829275	-86.922716	56099.27	56252	-2.02	56097.25	55924.58203	55987.93214	55811.45313	505672.0	5408480.3
L5670.1	505672.0	5408480.3	8844.79981	365.50	0	48.829275	-86.922716	56100.59	56252	-2.02	56098.57	55927.07422	56009.99757	55834.89063	505672.0	5408480.3
L5670.1	505672.0	5408481.8	8844.90039	364.84	0	48.829289	-86.922716	56101.12	56252	-2.02	56099.10	55928.76563	56013.13026	55839.39063	505672.0	5408481.8
L5670.1	505672.0	5408483.7	8845.00000	363.48	0	48.829306	-86.922716	56101.56	56252	-2.02	56099.54	55930.36719	56013.77291	55841.39063	505672.0	5408483.7
L5670.1	505672.0	5408483.7	8845.09961	365.97	0	48.829306	-86.922716	56102.64	56252	-2.02	56100.62	55932.59766	56029.07160	55858.03906	505672.0	5408483.7
L5670.1	505672.0	5408485.4	8845.20020	365.99	0	48.829322	-86.922716	56103.52	56252	-2.02	56101.50	55934.61719	56039.39164	55869.69531	505672.0	5408485.4
L5670.1	505672.0	5408487.0	8845.29981	366.77	0	48.829336	-86.922716	56104.20	56252	-2.03	56102.17	55936.42188	56044.54341	55876.17188	505672.0	5408487.0
L5670.1	505672.0	5408487.0	8845.40039	368.43	0	48.829336	-86.922716	56105.34	56252	-2.03	56103.32	55938.69141	56060.73665	55893.67578	505672.0	5408487.0
L5670.1	505672.0	5408488.3	8845.50000	366.68	0	48.829347	-86.922716	56106.00	56252	-2.03	56103.97	55940.45313	56065.05722	55899.29688	505672.0	5408488.3
L5670.1	505672.0	5408490.0	8845.59961	367.34	0	48.829362	-86.922716	56106.64	56252	-2.03	56104.61	55942.19141	56069.02921	55904.55859	505672.0	5408490.0
L5670.1	505672.0	5408490.0	8845.70020	367.42	0	48.829362	-86.922716	56107.77	56252	-2.03	56105.73	55944.39844	56084.17643	55920.98047	505672.0	5408490.0
L5670.1	505672.0	5408491.3	8845.79981	367.35	0	48.829375	-86.922717	56108.28	56252	-2.04	56106.24	55945.97656	56085.00687	55923.06641	505672.0	5408491.3
L5670.1	505672.0	5408492.8	8845.79981	367.35	0	48.829388	-86.922717	56109.29	56252	-2.04	56107.25	55948.04297	56097.56843	55936.86719	505672.0	5408492.8
L5670.1	505672.0	5408492.8	8846.00000	367.12	0	48.829388	-86.922717	56110.03	56252	-2.04	56107.99	55949.82422	56103.86466	55944.39063	505672.0	5408492.8
L5670.1	505672.0	5408494.6	8846.09961	365.10	0	48.829404	-86.922717	56110.50	56252	-2.04	56108.46	55951.32031	56103.93743	55945.67578	505672.0	5408494.6
L5670.1	505671.9	5408495.8	8846.20020	364.71	0	48.829415	-86.922717	56111.64	56252	-2.04	56109.60	55953.46484	56119.84953	55962.78125	505671.9	5408495.8
L5670.1	505671.9	5408495.8	8846.29981	364.83	0	48.829415	-86.922717	56112.22	56252	-2.04	56110.18	55955.03516	56122.82501	55966.92969	505671.9	5408495.8
L5670.1	505671.9	5408498.0	8846.40039	365.54	0	48.829434	-86.922717	56112.60	56252	-2.04	56110.55	55956.37500	56121.10216	55966.35938	505671.9	5408498.0
L5670.1	505671.9	5408499.3	8846.50000	363.68	0	48.829446	-86.922718	56113.34	56252	-2.04	56111.30	55958.07422	56128.54051	55974.93750	505671.9	5408499.3
L5670.1	505671.9	5408500.9	8846.59961	363.46	0	48.829460	-86.922718	56114.09	56252	-2.05	56112.05	55959.75781	56136.27350	55983.79297	505671.9	5408500.9
L5670.1	505671.9	5408500.9	8846.70020	362.36	0	48.829460	-86.922718	56114.86	56252	-2.05	56112.81	55961.42969	56144.56975	55993.19141	505671.9	5408500.9
L5670.1	505671.8	5408502.5	8846.79981	362.43	0	48.829476	-86.922718	56115.33	56252	-2.05	56113.28	55962.78906	56146.43365	55996.13281	505671.8	5408502.5
L5670.1	505671.8	5408502.5	8846.90039	362.63	0	48.829476	-86.922718	56115.92	56252	-2.05	56113.87	55964.24609	56151.50136	56002.25781	505671.8	5408502.5
L5670.1	505671.8	5408504.4	8847.00000	364.25	0	48.829492	-86.922719	56116.20	56252.1	-2.05	56114.14	55965.36328	56149.49377	56001.29297	505671.8	5408504.4
L5670.1	505671.8	5408504.4	8847.09961	365.77	0	48.829492	-86.922719	56117.06	56252	-2.05	56115.01	55967.05859	56161.99121	56014.81250	505671.8	5408504.4
L5670.1	505671.8	5408505.8	8847.20020	364.91	0	48.829504	-86.922719	56117.54	56252	-2.05	56115.49	55968.33984	56165.82542	56019.64844	505671.8	5408505.8
L5670.1	505671.8	5408507.3	8847.29981	365.15	0	48.829518	-86.922719	56117.96	56252	-2.05	56115.92	55969.54688	56168.98458	56023.78516	505671.8	5408507.3
L5670.1	505671.8	5408508.7	8847.40039	363.03	0	48.829531	-86.922719	56118.16	56252	-2.05	56116.12	55970.50000	56167.27235	56023.03125	505671.8	5408508.7
L5670.1	505671.7	5408510.2	8847.50000	361.39	0	48.829544	-86.922720	56118.58	56252	-2.04	56116.53	55971.64063	56171.01515	56027.71094	505671.7	5408510.2
L5670.1	505671.7	5408511.6	8847.59961	360.14	0	48.829557	-86.922720	56118.92	56252	-2.04	56116.88	55972.69922	56173.90352	56031.51953	505671.7	5408511.6
L5670.1	505671.7	5408511.6	8847.70020	358.86	0	48.829557	-86.922720	56119.33	56252	-2.04	56117.28	55973.78125	56178.52806	56037.03906	505671.7	5408511.6
L5670.1	505671.7	5408513.0	8847.79981	359.85	0	48.829570	-86.922720	56119.79	56252	-2.04	56117.75	55974.91016	56185.36845	56044.75391	505671.7	5408513.0
L5670.1	505671.7	5408514.5	8847.79981	359.85	0	48.829583	-86.922720	56119.40	56252	-2.04	56117.36	55975.15625	56172.64579	56032.88281	505671.7	5408514.5
L5670.1	505671.7	5408514.5	8848.00000	362.07	0	48.829583	-86.922720	56119.76	56252	-2.04	56117.72	55976.12500	56178.08443	56039.15625	505671.7	5408514.5
L5670.1	505671.8	5408516.4	8848.09961	361.11	0	48.829600	-86.922719	56119.81	56252	-2.04	56117.77	55976.76172	56176.85484	56038.73828	505671.8	5408516.4
L5670.1	505671.8	5408516.4	8848.20020	360.70	0	48.829600	-86.922719	56120.09	56252	-2.04	56118.05	55977.60156	56181.60891	56044.28516	505671.8	5408516.4
L5670.1	505671.8	5408518.3	8848.29981	359.65	0	48.829618	-86.922719	56119.91	56252	-2.04	56117.87	55977.95703	56176.18016	56039.62891	505671.8	5408518.3
L5670.1	505671.8	5408519.8	8848.40039	359.55	0	48.829631	-86.922719	56120.14	56252	-2.04	56118.10	55978.69922	56180.94643	56045.14453	505671.8	5408519.8
L5670.1	505671.8	5408521.4	8848.50000	360.94	0	48.829645	-86.922719	56119.94	56252	-2.04	56117.90	55978.98438	56176.22205	56041.15234	505671.8	5408521.4
L5670.1	505671.8	5408521.4	8848.59961	360.26	0	48.829645	-86.922719	56120.32	56252	-2.04	56118.28	55979.82813	56185.65964	56051.30078	505671.8	5408521.4
L5670.1	505671.7	5408523.3	8848.70020	360.07	0	48.829662	-86.922719	56119.91	56252	-2.04	56117.87	55979.85547	56177.15194	56043.48828	505671.7	5408523.3
L5670.1	505671.7	5408523.3	8848.79981	360.53	0	48.829662	-86.922719	56119.73	56252	-2.04	56117.69	55980.08984	56174.58091	56041.58594	505671.7	5408523.3
L5670.1	505671.7	5408523.3	8848.90039	361.89	0	48.829662	-86.922719	56119.84	56252	-2.04	56117.80	55980.59375	56179.33571	56046.99609	505671.7	5408523.3
L5670.1	505671.7	5408525.0	8849.00000	361.53	0	48.829678	-86.922720	56119.84	56252	-2.04	56117.80	55980.96094	56182.02652	56050.32031	505671.7	5408525.0
L5670.1	505671.7	5408526.5	8849.09961	360.36	0	48.829691	-86.922720	56119.40	56252	-2.04	56117.37	55980.87500	56175.13539	56044.05078	505671.7	5408526.5
L5670.1	505671.7	5408528.1	8849.20020	362.49	0	48.829705	-86.922720	56119.21	56252	-2.03	56117.18	55981.00781	56174.33537	56043.84766	505671.7	5408528.1

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5670.1	505671.7	5408528.1	8849.29981	362.97	0	48.829705	-86.922720	56118.85	56252	-2.03	56116.82	55980.94922	56169.99567	56040.08984	505671.7	5408528.1
L5670.1	505671.7	5408529.9	8849.40039	363.84	0	48.829722	-86.922720	56117.92	56252	-2.02	56115.89	55980.29688	56152.71768	56023.37500	505671.7	5408529.9
L5670.1	505671.7	5408529.9	8849.50000	363.43	0	48.829722	-86.922720	56117.99	56252	-2.02	56115.97	55980.63281	56159.48723	56030.69531	505671.7	5408529.9
L5670.1	505671.6	5408531.3	8849.59961	365.51	0	48.829734	-86.922721	56117.00	56252	-2.02	56114.99	55979.89063	56141.77797	56013.51953	505671.6	5408531.3
L5670.1	505671.6	5408533.2	8849.70020	365.46	0	48.829751	-86.922721	56117.06	56252	-2.01	56115.04	55980.15625	56148.52004	56020.77734	505671.6	5408533.2
L5670.1	505671.6	5408533.2	8849.79981	364.29	0	48.829751	-86.922721	56116.02	56252	-2.01	56114.01	55979.32031	56130.24652	56003.00391	505671.6	5408533.2
L5670.1	505671.6	5408534.9	8849.79981	364.29	0	48.829767	-86.922721	56115.77	56252	-2.01	56113.76	55979.24609	56130.49599	56003.73828	505671.6	5408534.9
L5670.1	505671.6	5408536.2	8850.00000	364.40	0	48.829778	-86.922722	56115.07	56252	-2.00	56113.07	55978.71484	56120.64894	55994.36719	505671.6	5408536.2
L5670.1	505671.5	5408537.5	8850.09961	365.04	0	48.829790	-86.922722	56114.47	56252	-2.00	56112.48	55978.26563	56113.31690	55987.49609	505671.5	5408537.5
L5670.1	505671.5	5408537.5	8850.20020	362.32	0	48.829790	-86.922722	56114.20	56252	-1.99	56112.21	55978.11719	56113.61340	55988.23828	505671.5	5408537.5
L5670.1	505671.5	5408539.5	8850.29981	365.40	0	48.829808	-86.922723	56113.16	56252	-1.99	56111.17	55977.18359	56095.96088	55971.01563	505671.5	5408539.5
L5670.1	505671.5	5408541.3	8850.40039	365.44	0	48.829824	-86.922723	56112.52	56252	-1.99	56110.54	55976.64453	56087.96124	55963.43750	505671.5	5408541.3
L5670.1	505671.5	5408541.3	8850.50000	364.46	0	48.829824	-86.922723	56112.07	56252	-1.99	56110.09	55976.26563	56084.18280	55960.07031	505671.5	5408541.3
L5670.1	505671.4	5408543.0	8850.59961	363.02	0	48.829840	-86.922723	56111.52	56252	-1.98	56109.53	55975.76563	56077.78758	55954.07813	505671.4	5408543.0
L5670.1	505671.4	5408544.4	8850.70020	362.21	0	48.829852	-86.922724	56110.53	56252	-1.98	56108.55	55974.83203	56061.46852	55938.14844	505671.4	5408544.4
L5670.1	505671.4	5408544.4	8850.79981	362.90	0	48.829852	-86.922724	56110.56	56252	-1.98	56108.58	55974.89453	56068.68195	55945.73828	505671.4	5408544.4
L5670.1	505671.4	5408546.4	8850.90039	362.36	0	48.829870	-86.922724	56109.71	56252	-1.97	56107.74	55974.07422	56055.33905	55932.76563	505671.4	5408546.4
L5670.1	505671.4	5408548.0	8851.00000	364.94	0	48.829884	-86.922724	56109.06	56252	-1.97	56107.09	55973.43359	56046.22764	55924.01953	505671.4	5408548.0
L5670.1	505671.4	5408548.0	8851.09961	365.49	0	48.829884	-86.922724	56108.66	56252	-1.97	56106.69	55973.02734	56042.70811	55920.85547	505671.4	5408548.0
L5670.1	505671.4	5408549.3	8851.20020	365.89	0	48.829896	-86.922724	56107.59	56252	-1.98	56105.61	55971.93750	56022.94784	55901.43750	505671.4	5408549.3
L5670.1	505671.4	5408549.3	8851.29981	364.19	0	48.829896	-86.922724	56107.40	56252	-1.98	56105.42	55971.72656	56023.68321	55902.51172	505671.4	5408549.3
L5670.1	505671.3	5408550.9	8851.40039	362.55	0	48.829911	-86.922725	56107.06	56252	-1.98	56105.08	55971.35547	56020.50534	55899.66797	505671.3	5408550.9
L5670.1	505671.3	5408552.3	8851.50000	365.34	0	48.829923	-86.922725	56106.25	56252	-1.99	56104.27	55970.50781	56005.87372	55885.36328	505671.3	5408552.3
L5670.1	505671.3	5408554.1	8851.59961	364.79	0	48.829939	-86.922725	56105.70	56252	-1.99	56103.71	55969.90234	55996.61318	55876.42578	505671.3	5408554.1
L5670.1	505671.3	5408555.4	8851.70020	363.30	0	48.829951	-86.922725	56105.80	56252	-1.99	56103.81	55969.95313	56002.28684	55882.41797	505671.3	5408555.4
L5670.1	505671.3	5408555.4	8851.79981	364.32	0	48.829951	-86.922725	56105.19	56252	-1.99	56103.20	55969.28516	55990.75795	55871.19922	505671.3	5408555.4
L5670.1	505671.3	5408557.2	8851.79981	364.32	0	48.829968	-86.922725	56105.10	56252	-1.99	56103.10	55969.12500	55990.56800	55871.31641	505671.3	5408557.2
L5670.1	505671.3	5408558.9	8852.00000	362.14	0	48.829983	-86.922725	56103.97	56252	-2.00	56101.97	55967.93359	55965.59991	55846.65625	505671.3	5408558.9
L5670.1	505671.3	5408558.9	8852.09961	362.47	0	48.829983	-86.922725	56104.11	56252	-2.00	56102.11	55968.00781	55969.69942	55851.05859	505671.3	5408558.9
L5670.1	505671.3	5408560.3	8852.20020	365.20	0	48.829995	-86.922725	56103.75	56252	-1.99	56101.76	55967.58984	55961.59822	55843.25781	505671.3	5408560.3
L5670.1	505671.3	5408562.2	8852.29981	365.81	0	48.830012	-86.922725	56103.41	56252	-1.99	56101.42	55967.17969	55952.97562	55834.92969	505671.3	5408562.2
L5670.1	505671.3	5408562.2	8852.40039	364.38	0	48.830012	-86.922725	56103.55	56252	-1.99	56101.56	55967.25391	55954.80979	55837.05859	505671.3	5408562.2
L5670.1	505671.3	5408563.4	8852.50000	362.18	0	48.830023	-86.922725	56102.89	56252	-1.99	56100.90	55966.52344	55937.08259	55819.62891	505671.3	5408563.4
L5670.1	505671.3	5408564.8	8852.59961	362.13	0	48.830036	-86.922725	56102.84	56252	-1.98	56100.86	55966.41797	55933.03187	55815.87109	505671.3	5408564.8
L5670.1	505671.3	5408566.5	8852.70020	362.75	0	48.830051	-86.922725	56102.94	56252	-1.98	56100.96	55966.45313	55931.38524	55814.51953	505671.3	5408566.5
L5670.1	505671.3	5408566.5	8852.79981	363.79	0	48.830051	-86.922725	56102.89	56252	-1.98	56100.91	55966.33984	55925.32352	55808.75000	505671.3	5408566.5
L5670.1	505671.3	5408567.9	8852.90039	365.21	0	48.830063	-86.922725	56102.96	56252	-1.97	56100.99	55966.36328	55921.38326	55805.10156	505671.3	5408567.9
L5670.1	505671.3	5408569.4	8853.00000	366.04	0	48.830076	-86.922725	56103.14	56252	-1.97	56101.17	55966.49219	55918.84063	55802.85547	505671.3	5408569.4
L5670.1	505671.3	5408569.4	8853.09961	364.37	0	48.830076	-86.922725	56103.14	56252	-1.97	56101.17	55966.44141	55911.11712	55795.42969	505671.3	5408569.4
L5670.1	505671.3	5408571.2	8853.20020	364.03	0	48.830093	-86.922725	56103.65	56252	-1.97	56101.68	55966.91016	55914.36108	55798.96875	505671.3	5408571.2
L5670.1	505671.3	5408573.0	8853.29981	364.24	0	48.830109	-86.922725	56103.67	56252	-1.97	56101.69	55966.88281	55904.89645	55789.80078	505671.3	5408573.0
L5670.1	505671.3	5408574.4	8853.40039	364.96	0	48.830122	-86.922725	56104.36	56252	-1.97	56102.38	55967.54688	55910.35563	55795.55859	505671.3	5408574.4
L5670.1	505671.3	5408574.4	8853.50000	363.00	0	48.830122	-86.922725	56104.66	56252	-1.98	56102.68	55967.82422	55905.66152	55791.16797	505671.3	5408574.4
L5670.1	505671.3	5408575.8	8853.59961	362.68	0	48.830135	-86.922725	56105.32	56252	-1.98	56103.34	55968.47266	55908.37739	55794.18750	505671.3	5408575.8
L5670.1	505671.3	5408577.2	8853.70020	362.87	0	48.830147	-86.922724	56106.03	56252	-1.98	56104.05	55969.17969	55911.23573	55797.35156	505671.3	5408577.2
L5670.1	505671.3	5408577.2	8853.79981	359.81	0	48.830147	-86.922724	56106.89	56252	-1.98	56104.91	55970.04688	55916.57665	55803.00000	505671.3	5408577.2
L5670.1	505671.3	5408579.0	8853.79981	359.81	0	48.830163	-86.922724	56107.82	56252	-1.98	56105.84	55970.99609	55922.52566	55809.26172	505671.3	5408579.0
L5670.1	505671.4	5408580.4	8854.00000	359.85	0	48.830176	-86.922724	56108.02	56252	-1.98	56106.04	55971.22266	55910.34282	55797.39453	505671.4	5408580.4
L5670.1	505671.4	5408580.4	8854.09961	358.43	0	48.830176	-86.922724	56109.29	56252	-1.98	56107.31	55972.53125	55922.20197	55809.57031	505671.4	5408580.4
L5670.1	505671.4	5408581.8	8854.20020	358.89	0	48.830189	-86.922723	56110.25	56252	-1.98	56108.27	55973.53906	55925.77984	55813.46875	505671.4	5408581.8
L5670.1	505671.4	5408583.2	8854.29981	359.33	0	48.830202	-86.922723	56111.52	56252	-1.98	56109.54	55974.87500	55935.61040	55823.62109	505671.4	5408583.2
L5670.1	505671.5	5408584.9	8854.40039	361.20	0	48.830216	-86.922722	56112.42	56252	-1.98	56110.44	55975.84766	55935.77408	55824.11328	505671.5	5408584.9
L5670.1	505671.5	5408586.2	8854.50000	361.73	0	48.830228	-86.922721	56113.69	56252	-1.98	56111.71	55977.20703	55943.62054	55832.28906	505671.5	5408586.2
L5670.1	505671.5	5408586.2	8854.59961	364.35	0	48.830228	-86.922721	56114.93	56252	-1.98	56112.95	55978.54688	55949.79422	55838.79688	505671.5	5408586.2
L5670.1	505671.6	5408588.0	8854.70020	365.78	0	48.830244	-86.922720	56116.07	56252	-1.98	56114.09	55979.80078	55952.67267	55842.01172	505671.6	5408588.0
L5670.1	505671.6	5408588.0	8854.79981	363.85	0	48.830244	-86.922720	56117.43	56252	-1.98	56115.45	55981.28906	55959.77218	55849.45313	505671.6	5408588.0
L5670.1	505671.7	5408589.6	8854.90039	363.55	0	48.830259	-86.922720	56119.11	56252	-1.98	56117.13	55983.11328	55973.45692	55863.48047	505671.7	5408589.6
L5670.1	505671.7	5408591.1	8855.00000	363.76	0	48.830272	-86.922719	56120.93	56252	-1.98	56118.95	55985.08984	55989.53321	55879.90625	505671.7	5408591.1
L5670.1	505671.8	5408592.6	8855.09961	362.71	0	48.830285	-86.922718	56122.04	56252	-1.98	56120.05	55986.35938	55987.87847	55878.60156	505671.8	5408592.6
L5670.1	505671.8	5408592.6	8855.20020	363.31	0	48.830285	-86.922718	56123.66	56252	-1.98	56121.68	55988.17578	55997.80379	55888.87891	505671.8	5408592.6
L5670.1	505671.8	5408594.7	8855.29981	363.11	0	48.830305	-86.922717	56125.25	56252	-1.98	56123.26	55989.95703	56005.74957	55897.17969	505671.8	5408594.7
L5670.1	505671.9	5408596.3	8855.40039	361.48	0	48.830319	-86.922717	56126.94	56252	-1.98	56124.95	55991.86328	56015.49408	55907.28125	505671.9	5408596.3
L5670.1	505671.9	5408597.3	8855.50000	361.94	0	48.830328	-86.922716	56128.74	56252	-1.99	56126.75	55993.89063	56027.06859	55919.21875	505671.9	5408597.3
L5670.1	505672.0	5408599.2	8855.59961	361.15	0	48.830345	-86.922715	56130.29	56252	-1.99	56128.30	55995.68750	56032.07181	55924.58984	505672.0	5408599.2
L5670.1	505672.0	5408599.2	8855.70020	360.30	0	48.830345	-86.922715	56132.06	56252	-1.99	56130.07	55997.71484	56041.54850	55934.42969	505672.0	5408599.2
L5670.1	505672.0	5408600.4	8855.79981	361.19	0	48.830355	-86.922715	56134.06	56252	-1.99	56132.07	55999.99219	56055.76786	55949.01563	505672.0	5408600.4
L5670.1	505672.0	5408600.4	8855.79981	361.19	0	48.830355	-86.922715	56135.97	56252	-1.99	56133.98	56002.19141	56067.26909	55960.88672	505672.0	5408600.4
L5670.1	505672.0	5408602.2	8856.00000	362.61	0	48.830372	-86.922715	56137.88	56252	-1.99	56135.89	56004.40625	56078.19754	55972.19141	505672.0	5408602.2
L5670.1	505672.0	5408603.7	8856.09961	361.94	0	48.830385	-86.922714	56139.54	56252	-1.99	56137.55	56006.38281	56082.73402	55977.10156	505672.0	5408603.7
L5670.1	505672.0	5408603.7	8856.20020	361.76	0	48.830385	-86.922714	56141.59	56252	-1.99	56139.60	56008.76563	56095.91052	55990.65234	505672.0	5408603.7
L5670.1	505672.0	5408605.3	8856.29981	361.87	0	48.830400	-86.922714	56143.44	56252	-1.98	56141.45	56010.96484	56103.94380	55999.05859	505672.0	5408605.3
L5670.1	505672.0	5408606.7	8856.40039	362.63	0	48.830413	-86.922714	56145.34	56252	-1.98	56143.35	56013.22656	56112.73021	56008.21875	505672.0	5408606.7
L5670.1	505672.1	5408608.6	8856.50000	364.45	0	48.830430	-86.922714	56147.52	56252	-1.98	56145.54	56015.79297	56127.93220	56023.80078	505672.1	5408608.6
L5670.1	505672.1	5408608.6	8856.59961	363.89	0	48.830430	-86.922714	56148.95	56252	-1.98	56146.97	56017.60938	56124.99104	56021.23438	505672.1	5408608.6
L5670.1	505672.0	5408610.3	8856.70020	362.30	0	48.830445	-86.922714	56151.18	56252	-1.98	56149.20	56020.24219	56140.49389	56037.11328	505672.0	5408610.3
L5670.1	505672.0	5408610.3	8856.79981	363.14	0	48.830445	-86.922714	56153.25	56252	-1.97	56151.27	56022.72656	56151.99074	56048.98438	505672.0	5408610.3
L5670.1	505672.0	5408611.8	8856.90039	365.25	0	48.830458	-86.922714	56155.13	56252	-1.97	56153.16	56025.04688	56159.05337	56056.41797	505672.0	5408611.8
L5670.1	505672.0	5408613.3	8857.00000	363.92	0	48.830471	-86.922714	56156.71	56252	-1.97	56154.74	56027.06641	56158.67642	56056.41406	505672.0	5408613.3
L5670.1	505672.0	5408613.3	8857.09961	362.94	0	48.830471	-86.922714	56158.85	56252	-1.97	56156.88	56029.65625	56171.28174	56069.39063	505672.0	5408613.3
L5670.1	505672.0	5408614.7	8857.20020	362.58	0	48.830485	-86.922714	56160.93	56252	-1.97	56158.97	56032.20703	56182.61823	56081.09375	505672.0	5408614.7
L5670.1	505672.0	5408615.9	8857.29981	362.52	0	48.830495	-86.922714	56162.54	56252	-1.97	56160.57	56034.28125	56182.41702	56081.25781	505672.0	5408615.9
L5670.1	505672.0	5408617.4	8857.40039	363.10	0	48.830509	-86.922715	56164.46	56252	-1.97	56162.50	56036.69531	56189.92738	56089.12891	505672.0	5408617.4
L5670.1	505672.0	5408617.4	8857.50000	361.83	0	48.830509	-86.922715	56166.38	56252	-1.96	56164.42	56039.10938	56197.22209	56096.78516	505672.0	5408617.4
L5670.1	505672.0	5408619.4	8857.59961	361.39	0	48.830526	-86.922715	56168.35	56252	-1.96	56166.39	56041.58203	56205.74427	56105.66406	505672.0	5408619.4
L5670.1	505672.0	5408621.1	8857.70020	361.73	0	48.830542	-86.922715	56170.02	56252	-1.96	56168.06	56043.76172	56207.33104	56107.59766	505672.0	5408621.1
L5670.1	505672.0	5408621.1	8857.79981	360.12	0	48.830542	-86.922715	56171.77	56252	-1.96	56169.80	56046.02344	56210.68645	56111.30078	505672.0	5408621.1
L5670.1	505671.9	5408622.9	8857.79981	360.12	0	48.830558	-86.922715	56173.48	56252	-1.96	56171.52	56048.27344	56213.73704	56114.69141	505671.9	5408622.9
L5670.1	505671.9	5408624.5	8858.00000	360.66	0	48.830572	-86.922716	56175.39	56252	-1.96	56173.43	56050.71875	56221.43666	56122.72656	505671.9	5408624.5
L5670.1	505671.9	5408625.6	8858.09961	359.14	0	48.830583	-86.922716	56177.43	56252	-1.96	56175.47	56053.29688	56232.41270	56134.03516	505671.9	5408625.6
L5670.1	505671.9	5408625.6	8858.20020	360.28	0	48.830583	-86.922716	56179.15	56252	-1.96	56177.19	56055.56641	56236.15476	56138.09766	505671.9	5408625.6
L5670.1	505671.8	5408627.6	8858.29981	361.01	0	48.830600	-86.922717	56180.47	56252	-1.96	56178.51	56057.43750	56230.81952	56133.07813	505671.8	5408627.6
L5670.1	505671.8	5408629.3	8858.40039	362.48	0	48.830616	-86.922717	56182.16	56252	-1.96	56180.20	56059.68750	56234.47582	56137.04297	505671.8	5408629.3
L5670.1	505671.8	5408631.2	8858.50000	364.18	0	48.830633	-86.922717	56183.81	56252	-1.96	56181.85	56061.89844	56237.54686	56140.41797	505671.8	5408631.2

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5670.1	505671.8	5408632.4	8858.59961	363.62	0	48.830644	-86.922717	56185.53	56252	-1.97	56183.56	56064.17188	56242.40264	56145.57031	505671.8	5408632.4
L5670.1	505671.8	5408632.4	8858.70020	361.00	0	48.830644	-86.922717	56187.13	56252	-1.97	56185.16	56066.33984	56245.08644	56148.53906	505671.8	5408632.4
L5670.1	505671.8	5408634.3	8858.79981	362.58	0	48.830661	-86.922717	56188.89	56252	-1.97	56186.93	56068.67578	56252.18259	56155.91016	505671.8	5408634.3
L5670.1	505671.8	5408635.8	8858.90039	360.52	0	48.830675	-86.922717	56190.25	56252	-1.97	56188.29	56070.60938	56250.12647	56154.12109	505671.8	5408635.8
L5670.1	505671.8	5408635.8	8859.00000	359.81	0	48.830675	-86.922717	56191.83	56252	-1.97	56189.86	56072.75000	56253.46510	56157.72266	505671.8	5408635.8
L5670.1	505671.8	5408637.2	8859.09961	359.01	0	48.830687	-86.922717	56193.46	56252	-1.97	56191.49	56074.94922	56258.70496	56163.21094	505671.8	5408637.2
L5670.1	505671.8	5408639.1	8859.20020	357.42	0	48.830704	-86.922717	56195.07	56252	-1.97	56193.09	56077.12109	56263.75680	56168.50000	505671.8	5408639.1
L5670.1	505671.8	5408639.1	8859.29981	356.79	0	48.830704	-86.922717	56196.20	56252	-1.98	56194.22	56078.81641	56258.33040	56163.30078	505671.8	5408639.1
L5670.1	505671.8	5408641.0	8859.40039	359.71	0	48.830721	-86.922717	56197.80	56252	-1.98	56195.82	56080.98438	56264.46407	56169.65234	505671.8	5408641.0
L5670.1	505671.8	5408642.4	8859.50000	360.25	0	48.830734	-86.922717	56199.28	56252	-1.98	56197.30	56083.02734	56268.35069	56173.75000	505671.8	5408642.4
L5670.1	505671.8	5408642.4	8859.59961	361.60	0	48.830734	-86.922717	56200.68	56252	-1.98	56198.70	56084.98828	56270.94112	56176.53516	505671.8	5408642.4
L5670.1	505671.8	5408643.7	8859.70020	361.77	0	48.830745	-86.922717	56201.57	56252	-1.98	56199.59	56086.43359	56262.17391	56167.95313	505671.8	5408643.7
L5670.1	505671.8	5408645.4	8859.79981	362.77	0	48.830761	-86.922717	56203.01	56252	-1.99	56201.02	56088.41406	56266.65896	56172.60938	505671.8	5408645.4
L5670.1	505671.8	5408646.8	8859.79981	362.77	0	48.830773	-86.922717	56204.54	56252	-1.99	56202.56	56090.50000	56274.33219	56180.44141	505671.8	5408646.8
L5670.1	505671.8	5408646.8	8860.00000	362.32	0	48.830773	-86.922717	56205.56	56252	-1.99	56203.57	56092.05078	56270.20841	56176.46484	505671.8	5408646.8
L5670.1	505671.8	5408648.2	8860.09961	362.07	0	48.830786	-86.922717	56206.63	56252	-1.99	56204.64	56093.65234	56268.11701	56174.51172	505671.8	5408648.2
L5670.1	505671.8	5408649.9	8860.20020	363.13	0	48.830801	-86.922716	56207.98	56252	-1.98	56206.00	56095.53906	56273.45219	56179.96875	505671.8	5408649.9
L5670.1	505671.8	5408651.5	8860.29981	362.30	0	48.830816	-86.922716	56209.31	56252	-1.97	56207.33	56097.38281	56278.72185	56185.34375	505671.8	5408651.5
L5670.1	505671.8	5408651.5	8860.40039	361.45	0	48.830816	-86.922716	56210.36	56252	-1.97	56208.39	56098.95313	56278.30690	56185.02734	505671.8	5408651.5
L5670.1	505671.8	5408653.2	8860.50000	361.30	0	48.830831	-86.922716	56211.13	56252	-1.96	56209.16	56100.22266	56271.74115	56178.54297	505671.8	5408653.2
L5670.1	505671.8	5408654.8	8860.59961	362.15	0	48.830845	-86.922716	56212.29	56252	-1.96	56210.33	56101.87891	56275.19081	56182.06641	505671.8	5408654.8
L5670.1	505671.8	5408654.8	8860.70020	362.50	0	48.830845	-86.922716	56213.52	56252	-1.96	56211.57	56103.59766	56280.92499	56187.85547	505671.8	5408654.8
L5670.1	505671.9	5408656.8	8860.79981	364.49	0	48.830863	-86.922716	56214.46	56252	-1.95	56212.51	56105.00781	56280.27468	56187.24609	505671.9	5408656.8
L5670.1	505671.9	5408656.8	8860.90039	366.58	0	48.830863	-86.922716	56215.20	56251.9	-1.94	56213.26	56106.21484	56275.81508	56182.81641	505671.9	5408656.8
L5670.1	505671.9	5408658.0	8861.00000	366.79	0	48.830874	-86.922716	56216.13	56251.9	-1.94	56214.19	56107.58984	56276.21159	56183.23047	505671.9	5408658.0
L5670.1	505671.9	5408659.5	8861.09961	364.89	0	48.830887	-86.922716	56217.04	56251.9	-1.94	56215.10	56108.92969	56276.77507	56183.79688	505671.9	5408659.5
L5670.1	505671.9	5408661.2	8861.20020	365.30	0	48.830903	-86.922715	56218.07	56251.9	-1.94	56216.13	56110.37891	56280.78085	56187.79297	505671.9	5408661.2
L5670.1	505671.9	5408661.2	8861.29981	364.37	0	48.830903	-86.922715	56219.00	56251.9	-1.94	56217.06	56111.71484	56283.06959	56190.05469	505671.9	5408661.2
L5670.1	505671.9	5408663.1	8861.40039	362.85	0	48.830920	-86.922715	56219.68	56251.9	-1.94	56217.74	56112.78906	56280.12112	56187.07031	505671.9	5408663.1
L5670.1	505671.9	5408664.5	8861.50000	360.72	0	48.830933	-86.922715	56220.28	56251.9	-1.94	56218.34	56113.76953	56275.91136	56182.81250	505671.9	5408664.5
L5670.1	505671.9	5408664.5	8861.59961	363.55	0	48.830933	-86.922715	56221.44	56251.9	-1.94	56219.50	56115.29297	56285.42648	56192.26563	505671.9	5408664.5
L5670.1	505671.9	5408666.1	8861.70020	362.18	0	48.830946	-86.922715	56222.14	56251.9	-1.94	56220.20	56116.34375	56284.76246	56191.52734	505671.9	5408666.1
L5670.1	505671.9	5408667.8	8861.79981	362.49	0	48.830962	-86.922715	56222.81	56251.9	-1.94	56220.87	56117.34766	56283.98453	56190.66406	505671.9	5408667.8
L5670.1	505671.9	5408667.8	8861.79981	362.49	0	48.830962	-86.922715	56223.38	56251.9	-1.94	56221.44	56118.23828	56281.44370	56188.02344	505671.9	5408667.8
L5670.1	505672.0	5408670.0	8862.00000	361.69	0	48.830982	-86.922715	56224.04	56251.9	-1.94	56222.10	56119.20313	56281.58163	56188.05078	505672.0	5408670.0
L5670.1	505672.0	5408671.3	8862.09961	363.36	0	48.830994	-86.922715	56224.86	56251.9	-1.94	56222.92	56120.31641	56286.02829	56192.37500	505672.0	5408671.3
L5670.1	505672.0	5408672.6	8862.20020	363.89	0	48.831005	-86.922714	56225.26	56251.9	-1.95	56223.32	56120.98828	56281.18542	56187.39844	505672.0	5408672.6
L5670.1	505672.0	5408672.6	8862.29981	365.89	0	48.831005	-86.922714	56225.77	56251.9	-1.95	56223.82	56121.74609	56279.22464	56185.29297	505672.0	5408672.6
L5670.1	505672.0	5408674.3	8862.40039	365.31	0	48.831021	-86.922714	56226.33	56252	-1.95	56224.38	56122.54688	56279.19790	56185.10938	505672.0	5408674.3
L5670.1	505672.0	5408674.3	8862.50000	362.58	0	48.831021	-86.922714	56227.12	56252	-1.96	56225.17	56123.56250	56285.07670	56190.82422	505672.0	5408674.3
L5670.1	505672.0	5408676.3	8862.59961	361.60	0	48.831039	-86.922714	56227.41	56252	-1.96	56225.45	56124.05469	56279.51330	56185.08594	505672.0	5408676.3
L5670.1	505671.9	5408678.3	8862.70020	361.92	0	48.831056	-86.922715	56228.04	56252	-1.96	56226.07	56124.86719	56282.40950	56187.79688	505671.9	5408678.3
L5670.1	505671.9	5408679.5	8862.79981	361.39	0	48.831067	-86.922715	56228.38	56252	-1.96	56226.41	56125.38281	56279.22860	56184.41797	505671.9	5408679.5
L5670.1	505671.9	5408679.5	8862.90039	363.21	0	48.831067	-86.922715	56228.91	56252	-1.97	56226.94	56126.07422	56280.96973	56185.95703	505671.9	5408679.5
L5670.1	505671.9	5408681.1	8863.00000	363.06	0	48.831082	-86.922715	56229.33	56252	-1.97	56227.36	56126.64063	56280.59283	56185.36719	505671.9	5408681.1
L5670.1	505671.9	5408682.8	8863.09961	366.20	0	48.831097	-86.922715	56229.77	56252	-1.97	56227.81	56127.21875	56281.36588	56185.92188	505671.9	5408682.8
L5670.1	505671.9	5408682.8	8863.20020	364.00	0	48.831097	-86.922715	56229.96	56252	-1.96	56228.00	56127.51953	56276.48308	56180.81250	505671.9	5408682.8
L5670.1	505671.9	5408684.5	8863.29981	363.87	0	48.831112	-86.922715	56230.28	56252	-1.96	56228.32	56127.93750	56275.06934	56179.16016	505671.9	5408684.5
L5670.1	505671.9	5408686.4	8863.40039	366.60	0	48.831129	-86.922715	56230.93	56252	-1.96	56228.97	56128.66797	56281.79840	56185.64844	505671.9	5408686.4
L5670.1	505671.9	5408686.4	8863.50000	367.06	0	48.831129	-86.922715	56231.21	56252	-1.96	56229.25	56129.01172	56280.25937	56183.85938	505671.9	5408686.4
L5670.1	505671.9	5408688.4	8863.59961	366.63	0	48.831147	-86.922715	56231.36	56252	-1.95	56229.41	56129.22266	56276.29756	56179.64453	505671.9	5408688.4
L5670.1	505671.9	5408688.4	8863.70020	362.52	0	48.831147	-86.922715	56231.62	56251.9	-1.95	56229.67	56129.51563	56275.05562	56178.14453	505671.9	5408688.4
L5670.1	505671.9	5408690.2	8863.79981	362.32	0	48.831163	-86.922715	56232.00	56251.9	-1.95	56230.05	56129.91406	56276.99081	56179.81250	505671.9	5408690.2
L5670.1	505671.9	5408691.3	8863.79981	362.32	0	48.831173	-86.922715	56232.50	56251.9	-1.95	56230.56	56130.42578	56282.32633	56184.87891	505671.9	5408691.3
L5670.1	505671.9	5408692.8	8864.00000	362.35	0	48.831187	-86.922715	56232.88	56251.9	-1.94	56230.93	56130.78516	56284.72583	56187.00391	505671.9	5408692.8
L5670.1	505671.9	5408692.8	8864.09961	362.48	0	48.831187	-86.922715	56232.71	56251.9	-1.94	56230.77	56130.60156	56275.04188	56177.03906	505671.9	5408692.8
L5670.1	505671.9	5408694.7	8864.20020	361.53	0	48.831204	-86.922716	56233.05	56251.9	-1.94	56231.11	56130.89844	56277.39429	56179.10938	505671.9	5408694.7
L5670.1	505671.8	5408696.1	8864.29981	362.70	0	48.831217	-86.922716	56233.29	56251.9	-1.94	56231.35	56131.08594	56277.71628	56179.14844	505671.8	5408696.1
L5670.1	505671.8	5408697.4	8864.40039	362.01	0	48.831228	-86.922716	56233.51	56251.9	-1.94	56231.57	56131.23828	56277.87201	56179.01563	505671.8	5408697.4
L5670.1	505671.8	5408697.4	8864.50000	363.01	0	48.831228	-86.922716	56233.91	56251.9	-1.94	56231.97	56131.55859	56282.53715	56183.39063	505671.8	5408697.4
L5670.1	505671.8	5408699.3	8864.59961	363.05	0	48.831245	-86.922716	56233.86	56251.9	-1.94	56231.92	56131.41406	56276.94283	56177.50781	505671.8	5408699.3
L5670.1	505671.8	5408699.3	8864.70020	366.67	0	48.831245	-86.922716	56234.09	56251.9	-1.94	56232.15	56131.53516	56278.18178	56178.45313	505671.8	5408699.3
L5670.1	505671.8	5408702.3	8864.79981	363.92	0	48.831272	-86.922716	56234.57	56251.9	-1.94	56232.63	56131.89844	56285.54212	56185.51953	505671.8	5408702.3
L5670.1	505671.8	5408702.3	8864.90039	362.58	0	48.831272	-86.922716	56234.17	56251.9	-1.94	56232.23	56131.36719	56272.54197	56172.22656	505671.8	5408702.3
L5670.1	505671.8	5408702.3	8865.00000	364.20	0	48.831272	-86.922716	56234.32	56251.9	-1.94	56232.38	56131.37500	56272.67407	56172.06641	505671.8	5408702.3
L5670.1	505671.8	5408704.2	8865.09961	361.85	0	48.831290	-86.922716	56234.50	56251.9	-1.94	56232.56	56131.39844	56273.74783	56172.85156	505671.8	5408704.2
L5670.1	505671.8	5408705.7	8865.20020	362.56	0	48.831303	-86.922717	56234.75	56251.9	-1.94	56232.82	56131.49609	56276.92657	56175.73828	505671.8	5408705.7
L5670.1	505671.8	5408707.6	8865.29981	364.44	0	48.831320	-86.922717	56235.11	56251.9	-1.94	56233.17	56131.67188	56282.43675	56180.95703	505671.8	5408707.6
L5670.1	505671.8	5408707.6	8865.40039	363.99	0	48.831320	-86.922717	56235.06	56251.9	-1.94	56233.12	56131.43359	56278.79137	56177.02344	505671.8	5408707.6
L5670.1	505671.7	5408710.5	8865.50000	363.91	0	48.831346	-86.922717	56234.84	56251.9	-1.93	56232.90	56131.02344	56271.37143	56169.31641	505671.7	5408710.5
L5670.1	505671.7	5408710.5	8865.59961	361.93	0	48.831346	-86.922717	56234.96	56251.9	-1.93	56233.02	56130.93750	56272.11788	56169.78125	505671.7	5408710.5
L5670.1	505671.7	5408710.5	8865.70020	361.72	0	48.831346	-86.922717	56235.36	56251.9	-1.93	56233.43	56131.13672	56279.85249	56177.23438	505671.7	5408710.5
L5670.1	505671.7	5408712.6	8865.79981	363.72	0	48.831365	-86.922717	56235.04	56251.9	-1.93	56233.10	56130.58594	56270.43835	56167.54297	505671.7	5408712.6
L5670.1	505671.7	5408714.4	8865.79981	363.72	0	48.831381	-86.922718	56235.18	56251.9	-1.93	56233.25	56130.50781	56272.45061	56169.28516	505671.7	5408714.4
L5670.1	505671.7	5408714.4	8866.00000	360.21	0	48.831381	-86.922718	56235.09	56251.9	-1.93	56233.16	56130.18359	56269.01530	56165.57813	505671.7	5408714.4
L5670.1	505671.7	5408716.3	8866.09961	359.20	0	48.831398	-86.922718	56235.34	56251.9	-1.93	56233.41	56130.19141	56273.71440	56170.01563	505671.7	5408716.3
L5670.1	505671.6	5408717.8	8866.20020	359.07	0	48.831412	-86.922718	56235.16	56251.9	-1.93	56233.23	56129.76563	56268.50297	56164.54297	505671.6	5408717.8
L5670.1	505671.6	5408717.8	8866.29981	357.37	0	48.831412	-86.922718	56235.09	56251.9	-1.93	56233.16	56129.44141	56266.02630	56161.81250	505671.6	5408717.8
L5670.1	505671.6	5408719.5	8866.40039	358.60	0	48.831427	-86.922719	56235.21	56251.9	-1.93	56233.28	56129.30078	56268.15319	56163.69141	505671.6	5408719.5
L5670.1	505671.6	5408720.8	8866.50000	358.93	0	48.831439	-86.922719	56235.08	56251.9	-1.93	56233.15	56128.90625	56264.57034	56159.86328	505671.6	5408720.8
L5670.1	505671.6	5408722.5	8866.59961	360.40	0	48.831454	-86.922719	56235.32	56251.9	-1.93	56233.39	56128.87891	56269.79778	56164.85547	505671.6	5408722.5
L5670.1	505671.6	5408722.5	8866.70020	362.43	0	48.831454	-86.922719	56234.86	56251.9	-1.93	56232.93	56128.14453	56258.76322	56153.58984	505671.6	5408722.5
L5670.1	505671.5	5408724.2	8866.79981	362.06	0	48.831470	-86.922719	56235.21	56251.9	-1.93	56233.28	56128.21875	56266.83745	56161.44141	505671.5	5408724.2
L5670.1	505671.5	5408724.2	8866.90039	361.91	0	48.831470	-86.922719	56235.26	56251.9	-1.93	56233.33	56127.98828	56268.01142	56162.39844	505671.5	5408724.2
L5670.1	505671.5	5408726.2	8867.00000	362.42	0	48.831487	-86.922720	56235.08	56251.9	-1.93	56233.15	56127.52734	56263.92064	56158.09766	505671.5	5408726.2
L5670.1	505671.5	5408727.7	8867.09961	363.67	0	48.831501	-86.922720	56234.69	56251.9	-1.93	56232.76	56126.85156	56255.02938	56149.00391	505671.5	5408727.7
L5670.1	505671.5	5408727.7	8867.20020	363.28	0	48.831501	-86.922720	56235.08	56251.9	-1.93	56233.15	56126.95313	56264.52671	56158.30469	505671.5	5408727.7
L5670.1	505671.5	5408730.2	8867.29981	362.21	0	48.831523	-86.922720	56235.06	56251.9	-1.94	56233.12	56126.63281	56264.29565	56157.88672	505671.5	5408730.2
L5670.1	505671.5	5408731.4	8867.40039	362.93	0	48.831534	-86.922720	56234.57	56251.9	-1.94	56232.64	56125.86328	56253.62949	56147.03906	505671.5	5408731.4
L5670.1	505671.5	5408731.4	8867.50000	363.69	0	48.831534	-86.922720	56234.73	56251.9	-1.94	56232.79	56125.72266	56257.82612	56151.06250	505671.5	5408731.4
L5670.1	505671.4	5408733.1	8867.59961	363.41	0	48.831550	-86.922721	56234.88	56251.9	-1.94	56232.94	56125.58203	56262.12259	56155.19531	505671.4	5408733.1
L5670.1	505671.4	5408734.8	8867.70020	362.40	0	48.831565	-86.922721	56234.76	56251.9	-1.94	56232.82	56125.16797	56260.18992	56153.10547	505671.4	5408734.8
L5670.1	505671.4	5408734.8	8867.79981	363.04	0	48.831565	-86.922721	56234.29	56251.9	-1.95	56232.35	56124.40625	56250.15048	56142.91797	505671.4	5408734.8

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5670.1	505671.4	5408736.9	8867.79981	363.04	0	48.831584	-86.922721	56234.60	56251.9	-1.95	56232.66	56124.42578	56258.47397	56151.10156	505671.4	5408736.9
L5670.1	505671.4	5408738.6	8868.00000	365.14	0	48.831599	-86.922721	56234.52	56251.9	-1.95	56232.57	56124.04688	56257.51275	56150.00781	505671.4	5408738.6
L5670.1	505671.4	5408738.6	8868.09961	363.61	0	48.831599	-86.922721	56234.45	56252	-1.95	56232.49	56123.67578	56256.86892	56149.24219	505671.4	5408738.6
L5670.1	505671.4	5408740.5	8868.20020	363.34	0	48.831616	-86.922721	56234.17	56252	-1.95	56232.22	56123.12109	56251.85396	56144.10938	505671.4	5408740.5
L5670.1	505671.4	5408740.5	8868.29981	362.23	0	48.831616	-86.922721	56234.17	56252	-1.95	56232.21	56122.82422	56253.00727	56145.15625	505671.4	5408740.5
L5670.1	505671.4	5408742.0	8868.40039	362.50	0	48.831630	-86.922721	56234.42	56252	-1.95	56232.47	56122.80078	56260.56028	56152.60547	505671.4	5408742.0
L5670.1	505671.4	5408743.7	8868.50000	359.82	0	48.831645	-86.922721	56234.03	56252	-1.96	56232.08	56122.12891	56252.95695	56144.91016	505671.4	5408743.7
L5670.1	505671.4	5408745.2	8868.59961	359.11	0	48.831658	-86.922721	56233.91	56252	-1.96	56231.96	56121.72656	56251.74789	56143.61719	505671.4	5408745.2
L5670.1	505671.4	5408745.2	8868.70020	358.00	0	48.831658	-86.922721	56233.91	56252	-1.96	56231.96	56121.44922	56253.41639	56145.20703	505671.4	5408745.2
L5670.1	505671.4	5408746.9	8868.79981	357.36	0	48.831674	-86.922721	56233.68	56252	-1.96	56231.73	56120.94531	56249.76037	56141.48047	505671.4	5408746.9
L5670.1	505671.4	5408748.4	8868.90039	360.67	0	48.831687	-86.922721	56233.43	56252	-1.96	56231.47	56120.41406	56245.46292	56137.12109	505671.4	5408748.4
L5670.1	505671.4	5408749.8	8869.00000	361.27	0	48.831700	-86.922721	56233.39	56252	-1.96	56231.43	56120.10938	56246.37861	56137.98047	505671.4	5408749.8
L5670.1	505671.4	5408749.8	8869.09961	362.08	0	48.831700	-86.922721	56233.38	56252	-1.96	56231.42	56119.83594	56248.05404	56139.60938	505671.4	5408749.8
L5670.1	505671.4	5408751.9	8869.20020	361.55	0	48.831718	-86.922720	56233.25	56252	-1.95	56231.30	56119.45313	56247.20725	56138.71875	505671.4	5408751.9
L5670.1	505671.5	5408753.6	8869.29981	362.49	0	48.831734	-86.922720	56233.42	56251.9	-1.95	56231.47	56119.36719	56253.20722	56144.68359	505671.5	5408753.6
L5670.1	505671.5	5408754.9	8869.40039	364.02	0	48.831746	-86.922720	56233.20	56251.9	-1.94	56231.26	56118.90234	56250.35564	56141.80078	505671.5	5408754.9
L5670.1	505671.5	5408754.9	8869.50000	363.81	0	48.831746	-86.922720	56233.04	56251.9	-1.94	56231.10	56118.49609	56248.72451	56140.14844	505671.5	5408754.9
L5670.1	505671.5	5408756.4	8869.59961	365.20	0	48.831759	-86.922720	56233.10	56251.9	-1.94	56231.17	56118.32031	56252.52909	56143.93359	505671.5	5408756.4
L5670.1	505671.5	5408756.4	8869.70020	366.21	0	48.831759	-86.922720	56233.22	56251.9	-1.93	56231.29	56118.19922	56257.55083	56148.94531	505671.5	5408756.4
L5670.1	505671.5	5408758.1	8869.79981	366.06	0	48.831774	-86.922719	56233.18	56251.9	-1.93	56231.25	56117.92188	56258.86846	56150.25391	505671.5	5408758.1
L5670.1	505671.5	5408759.5	8869.79981	366.06	0	48.831787	-86.922719	56232.88	56251.9	-1.93	56230.95	56117.39063	56254.13784	56145.51953	505671.5	5408759.5
L5670.1	505671.6	5408761.2	8869.90039	366.21	0	48.831802	-86.922718	56232.73	56251.9	-1.92	56230.81	56117.02344	56253.19724	56144.58203	505671.6	5408761.2
L5670.1	505671.6	5408761.2	8870.00000	363.04	0	48.831802	-86.922718	56232.78	56251.9	-1.92	56230.86	56116.85156	56256.74832	56148.14063	505671.6	5408761.2
L5670.1	505671.6	5408762.7	8870.09961	361.61	0	48.831816	-86.922718	56232.46	56251.9	-1.92	56230.54	56116.31250	56251.67061	56143.07422	505671.6	5408762.7
L5670.1	505671.6	5408764.6	8870.20020	359.21	0	48.831833	-86.922718	56232.28	56251.9	-1.92	56230.35	56115.91016	56249.67693	56141.09375	505671.6	5408764.6
L5670.1	505671.6	5408764.6	8870.29981	361.41	0	48.831833	-86.922718	56232.45	56251.9	-1.93	56230.53	56115.87891	56256.38901	56147.82422	505671.6	5408764.6
L5670.1	505671.7	5408766.4	8870.50000	361.55	0	48.831849	-86.922717	56232.18	56251.9	-1.93	56230.25	56115.39453	56252.36134	56143.81641	505671.7	5408766.4
L5670.1	505671.7	5408767.8	8870.59961	362.70	0	48.831861	-86.922717	56232.07	56251.9	-1.93	56230.14	56115.08594	56252.35261	56143.83203	505671.7	5408767.8
L5670.1	505671.7	5408767.8	8870.70020	362.79	0	48.831861	-86.922717	56232.13	56251.9	-1.93	56230.19	56114.94141	56256.12804	56147.63672	505671.7	5408767.8
L5670.1	505671.7	5408769.2	8870.79981	362.54	0	48.831874	-86.922716	56231.89	56251.9	-1.94	56229.96	56114.51953	56253.37916	56144.91406	505671.7	5408769.2
L5670.1	505671.7	5408770.6	8870.90039	361.74	0	48.831887	-86.922716	56231.67	56251.9	-1.94	56229.73	56114.10156	56250.66539	56142.23047	505671.7	5408770.6
L5670.1	505671.7	5408770.6	8871.00000	362.60	0	48.831887	-86.922716	56231.77	56251.9	-1.94	56229.83	56114.02344	56255.71763	56147.31641	505671.7	5408770.6
L5670.1	505671.8	5408772.3	8871.09961	362.92	0	48.831902	-86.922716	56231.62	56251.9	-1.94	56229.68	56113.69531	56254.94789	56146.58203	505671.8	5408772.3
L5670.1	505671.8	5408774.0	8871.20020	363.06	0	48.831917	-86.922716	56231.41	56251.9	-1.94	56229.48	56113.32422	56253.04171	56144.71094	505671.8	5408774.0
L5670.1	505671.8	5408774.0	8871.29981	363.31	0	48.831917	-86.922716	56231.36	56251.9	-1.94	56229.42	56113.09375	56254.45047	56146.15234	505671.8	5408774.0
L5670.1	505671.8	5408775.8	8871.40039	363.08	0	48.831934	-86.922715	56231.48	56251.9	-1.94	56229.55	56113.06250	56260.34581	56152.08594	505671.8	5408775.8
L5670.1	505671.8	5408777.6	8871.50000	363.30	0	48.831950	-86.922715	56231.08	56251.9	-1.93	56229.14	56112.49219	56253.62603	56145.40234	505671.8	5408777.6
L5670.1	505671.8	5408777.6	8871.59961	364.20	0	48.831950	-86.922715	56230.75	56251.9	-1.93	56228.82	56112.01953	56249.05091	56140.86328	505671.8	5408777.6
L5670.1	505671.8	5408779.5	8871.70020	362.70	0	48.831967	-86.922715	56231.11	56251.9	-1.93	56229.18	56112.23047	56260.44321	56152.29297	505671.8	5408779.5
L5670.1	505671.8	5408780.9	8871.79981	364.94	0	48.831980	-86.922714	56230.71	56251.9	-1.93	56228.78	56111.68359	56254.06801	56145.95313	505671.8	5408780.9
L5670.1	505671.9	5408782.3	8871.79981	364.94	0	48.831992	-86.922714	56230.50	56251.9	-1.93	56228.56	56111.32422	56251.94787	56143.87109	505671.9	5408782.3
L5670.1	505671.9	5408782.3	8872.00000	363.75	0	48.831992	-86.922714	56230.24	56251.9	-1.93	56228.31	56110.93750	56249.16385	56141.12109	505671.9	5408782.3
L5670.1	505671.9	5408784.0	8872.09961	363.24	0	48.832008	-86.922714	56230.16	56251.9	-1.93	56228.23	56110.72266	56250.40233	56142.39453	505671.9	5408784.0
L5670.1	505671.8	5408785.8	8872.20020	364.03	0	48.832023	-86.922714	56230.37	56251.9	-1.93	56228.44	56110.80469	56258.47558	56150.50391	505671.8	5408785.8
L5670.1	505671.8	5408785.8	8872.29981	364.35	0	48.832023	-86.922714	56229.98	56251.9	-1.93	56228.05	56110.29297	56252.53418	56144.59766	505671.8	5408785.8
L5670.1	505671.8	5408787.7	8872.40039	366.17	0	48.832040	-86.922714	56229.68	56251.9	-1.93	56227.75	56109.87109	56248.74421	56140.83984	505671.8	5408787.7
L5670.1	505671.8	5408789.1	8872.50000	365.47	0	48.832053	-86.922714	56229.53	56251.9	-1.93	56227.60	56109.60547	56248.51246	56140.63672	505671.8	5408789.1
L5670.1	505671.8	5408789.1	8872.59961	366.08	0	48.832053	-86.922714	56229.75	56251.9	-1.93	56227.82	56109.71484	56256.99420	56149.14844	505671.8	5408789.1
L5670.1	505671.9	5408790.8	8872.70020	366.16	0	48.832069	-86.922714	56229.24	56251.9	-1.93	56227.31	56109.09766	56248.42046	56140.60547	505671.9	5408790.8
L5670.1	505671.9	5408792.5	8872.79981	363.35	0	48.832084	-86.922714	56228.91	56251.9	-1.93	56226.98	56108.66016	56244.11155	56136.32422	505671.9	5408792.5
L5670.1	505671.9	5408793.9	8872.90039	363.95	0	48.832096	-86.922714	56229.05	56251.9	-1.93	56227.12	56108.69922	56250.86278	56143.10156	505671.9	5408793.9
L5670.1	505671.9	5408793.9	8873.00000	361.70	0	48.832096	-86.922714	56228.84	56251.9	-1.93	56226.91	56108.39453	56249.46497	56141.72656	505671.9	5408793.9
L5670.1	505671.9	5408795.7	8873.09961	360.78	0	48.832113	-86.922714	56228.61	56251.9	-1.93	56226.68	56108.07031	56247.65059	56139.93750	505671.9	5408795.7
L5670.1	505671.9	5408795.7	8873.20020	362.37	0	48.832113	-86.922714	56228.45	56251.9	-1.93	56226.52	56107.82031	56247.52951	56139.83984	505671.9	5408795.7
L5670.1	505671.9	5408797.4	8873.29981	364.17	0	48.832128	-86.922714	56228.36	56251.9	-1.93	56226.43	56107.64453	56249.10314	56141.43359	505671.9	5408797.4
L5670.1	505671.9	5408799.2	8873.40039	362.99	0	48.832144	-86.922713	56227.84	56251.9	-1.93	56225.91	56107.04297	56240.65916	56133.00781	505671.9	5408799.2
L5670.1	505671.9	5408799.2	8873.50000	362.76	0	48.832144	-86.922713	56227.82	56251.9	-1.93	56225.89	56106.94141	56243.98654	56136.35156	505671.9	5408799.2
L5670.1	505672.0	5408800.8	8873.59961	359.45	0	48.832159	-86.922713	56227.79	56251.9	-1.93	56225.86	56106.83594	56247.13868	56139.51953	505672.0	5408800.8
L5670.1	505672.0	5408802.8	8873.70020	361.84	0	48.832177	-86.922712	56227.42	56251.9	-1.93	56225.49	56106.39453	56242.38588	56134.78125	505672.0	5408802.8
L5670.1	505672.0	5408802.8	8873.79981	360.09	0	48.832177	-86.922712	56227.48	56251.9	-1.93	56225.55	56106.38281	56247.76868	56140.17969	505672.0	5408802.8
L5670.1	505672.0	5408804.7	8873.79981	360.09	0	48.832194	-86.922712	56227.45	56251.9	-1.93	56225.51	56106.27734	56250.87185	56143.29297	505672.0	5408804.7
L5670.1	505672.0	5408806.2	8874.00000	362.05	0	48.832207	-86.922712	56227.54	56251.9	-1.93	56225.61	56106.31250	56257.31929	56149.75000	505672.0	5408806.2
L5670.1	505672.0	5408807.1	8874.09961	363.54	0	48.832215	-86.922711	56226.89	56251.9	-1.93	56224.96	56105.60156	56246.26183	56138.69922	505672.0	5408807.1
L5670.1	505672.0	5408807.1	8874.20020	363.67	0	48.832215	-86.922711	56226.70	56251.9	-1.93	56224.77	56105.35156	56246.04793	56138.49219	505672.0	5408807.1
L5670.1	505672.1	5408808.6	8874.29981	363.01	0	48.832229	-86.922711	56226.61	56251.9	-1.92	56224.69	56105.21875	56248.47914	56140.92578	505672.1	5408808.6
L5670.1	505672.1	5408810.0	8874.40039	362.38	0	48.832241	-86.922711	56226.56	56251.9	-1.92	56224.64	56105.11328	56251.68241	56144.13281	505672.1	5408810.0
L5670.1	505672.1	5408810.0	8874.50000	362.39	0	48.832241	-86.922711	56226.36	56251.9	-1.92	56224.44	56104.86328	56251.44183	56143.89063	505672.1	5408810.0
L5670.1	505672.1	5408812.1	8874.59961	362.74	0	48.832261	-86.922711	56226.01	56251.9	-1.92	56224.09	56104.46875	56247.75842	56140.20703	505672.1	5408812.1
L5670.1	505672.1	5408813.2	8874.70020	362.67	0	48.832270	-86.922711	56225.84	56251.9	-1.92	56223.92	56104.25000	56248.36417	56140.80859	505672.1	5408813.2
L5670.1	505672.1	5408814.7	8874.79981	361.22	0	48.832283	-86.922710	56225.57	56251.9	-1.91	56223.65	56103.93750	56246.70025	56139.14063	505672.1	5408814.7
L5670.1	505672.1	5408815.9	8874.90039	363.86	0	48.832294	-86.922710	56225.67	56251.9	-1.91	56223.76	56104.00781	56254.01265	56146.44531	505672.1	5408815.9
L5670.1	505672.1	5408815.9	8875.00000	361.82	0	48.832294	-86.922710	56225.54	56251.9	-1.91	56223.63	56103.83984	56255.77705	56148.20313	505672.1	5408815.9
L5670.1	505672.1	5408817.6	8875.09961	360.37	0	48.832310	-86.922710	56225.16	56251.9	-1.91	56223.25	56103.42578	56251.75979	56144.17188	505672.1	5408817.6
L5670.1	505672.1	5408819.0	8875.20020	360.80	0	48.832322	-86.922710	56224.68	56251.9	-1.91	56222.77	56102.91406	56245.47556	56137.87891	505672.1	5408819.0
L5670.1	505672.1	5408819.0	8875.29981	360.56	0	48.832322	-86.922710	56224.84	56251.9	-1.91	56222.93	56103.04297	56254.26116	56146.64844	505672.1	5408819.0
L5670.1	505672.2	5408820.7	8875.40039	362.07	0	48.832337	-86.922710	56224.61	56251.9	-1.91	56222.70	56102.78125	56253.98667	56146.35938	505672.2	5408820.7
L5670.1	505672.2	5408822.4	8875.50000	360.93	0	48.832352	-86.922710	56224.14	56251.9	-1.91	56222.23	56102.28516	56248.16650	56140.51953	505672.2	5408822.4
L5670.1	505672.2	5408822.4	8875.59961	361.58	0	48.832352	-86.922710	56223.74	56251.9	-1.91	56221.83	56101.85938	56244.06340	56136.39844	505672.2	5408822.4
L5670.1	505672.2	5408824.3	8875.70020	360.89	0	48.832370	-86.922710	56223.75	56251.9	-1.91	56221.84	56101.84766	56249.64281	56141.95703	505672.2	5408824.3
L5670.1	505672.1	5408826.0	8875.79981	359.16	0	48.832385	-86.922710	56223.60	56251.9	-1.91	56221.69	56101.67578	56251.55112	56143.83984	505672.1	5408826.0
L5670.1	505672.1	5408826.0	8875.79981	359.16	0	48.832385	-86.922710	56223.20	56251.9	-1.91	56221.28	56101.24609	56247.44553	56139.71094	505672.1	5408826.0
L5670.1	505672.1	5408827.4	8876.00000	360.13	0	48.832398	-86.922710	56222.89	56251.9	-1.91	56220.98	56100.92969	56245.99406	56138.23047	505672.1	5408827.4
L5670.1	505672.1	5408828.6	8876.09961	359.07	0	48.832409	-86.922710	56222.79	56251.9	-1.91	56220.87	56100.80469	56249.07068	56141.27734	505672.1	5408828.6
L5670.1	505672.1	5408830.4	8876.20020	360.11	0	48.832425	-86.922710	56222.66	56251.9	-1.91	56220.75	56100.66797	56251.98959	56144.16797	505672.1	5408830.4
L5670.1	505672.1	5408832.2	8876.29981	361.88	0	48.832441	-86.922710	56222.02	56251.9	-1.92	56220.11	56100.01563	56242.80239	56134.94922	505672.1	5408832.2
L5670.1	505672.1	5408832.2	8876.40039	361.24	0	48.832441	-86.922710	56221.66	56251.9	-1.92	56219.74	56099.63672	56240.01631	56132.12891	505672.1	5408832.2
L5670.1	505672.1	5408833.5	8876.50000	363.71	0	48.832452	-86.922711	56221.57	56251.9	-1.92	56219.65	56099.53906	56243.86506	56135.94531	505672.1	5408833.5
L5670.1	505672.1	5408834.8	8876.59961	365.54	0	48.832464	-86.922711	56221.25	56251.9	-1.92	56219.32	56099.19922	56242.16575	56134.20703	505672.1	5408834.8
L5670.1	505672.0	5408836.1	8876.70020	366.50	0	48.832476	-86.922711	56220.94	56251.9	-1.92	56219.02	56098.89453	56241.24307	56133.25000	505672.0	5408836.1
L5670.1	505672.0	5408837.5	8876.79981	362.68	0	48.832489	-86.922712	56220.86	56251.9	-1.93	56218.93	56098.80078	56245.31322	56137.28125	505672.0	5408837.5
L5670.1	505672.0	5408837.5	8876.90039	365.01	0	48.832489	-86.922712	56220.48	56251.9	-1.93	56218.56	56098.42578	56242.89588	56134.82422	505672.0	5408837.5
L5670.1	505671.9	5408839.7	8877.00000	362.57	0	48.832508	-86.922712	56220.18	56251.9	-1.93	56218.25	56098.11719	56241.95550	56133.83984	505671.9	5408839.7
L5670.1	505671.9	5408839.7	8877.09961	361.66	0	48.832508	-86.922712	56220.21	56251.9	-1.93	56218.28	56098.14453	56249.05081	56140.89453	505671.9	5408839.7

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5670.1	505671.9	5408841.1	8877.20020	362.25	0	48.832521	-86.922713	56219.55	56251.9	-1.92	56217.63	56097.49609	56240.28478	56132.08594	505671.9	5408841.1
L5670.1	505671.9	5408842.7	8877.29981	364.28	0	48.832536	-86.922713	56219.18	56251.9	-1.92	56217.26	56097.13281	56238.14670	56129.90234	505671.9	5408842.7
L5670.1	505671.8	5408844.5	8877.40039	363.47	0	48.832551	-86.922714	56219.02	56251.9	-1.91	56217.10	56096.97656	56240.99555	56132.70313	505671.8	5408844.5
L5670.1	505671.8	5408846.1	8877.50000	363.00	0	48.832566	-86.922714	56218.61	56251.9	-1.91	56216.70	56096.58203	56238.28781	56129.94922	505671.8	5408846.1
L5670.1	505671.8	5408846.1	8877.59961	363.41	0	48.832566	-86.922714	56218.29	56251.9	-1.91	56216.38	56096.26953	56237.51907	56129.13281	505671.8	5408846.1
L5670.1	505671.8	5408847.5	8877.70020	360.96	0	48.832579	-86.922714	56218.21	56251.9	-1.90	56216.31	56096.20703	56242.67079	56134.23828	505671.8	5408847.5
L5670.1	505671.8	5408847.5	8877.79981	362.72	0	48.832579	-86.922714	56217.46	56251.9	-1.90	56215.56	56095.46875	56231.95414	56123.47266	505671.8	5408847.5
L5670.1	505671.7	5408849.7	8877.79981	362.72	0	48.832598	-86.922715	56217.14	56251.9	-1.90	56215.24	56095.16016	56231.37237	56122.84375	505671.7	5408849.7
L5670.1	505671.7	5408851.0	8878.00000	360.69	0	48.832610	-86.922715	56217.09	56251.9	-1.89	56215.20	56095.13281	56237.41003	56128.83203	505671.7	5408851.0
L5670.1	505671.7	5408851.0	8878.09961	359.78	0	48.832610	-86.922715	56216.74	56251.9	-1.89	56214.85	56094.79688	56236.24362	56127.61328	505671.7	5408851.0
L5670.1	505671.7	5408852.6	8878.20020	361.49	0	48.832625	-86.922715	56216.16	56251.9	-1.89	56214.27	56094.23438	56229.74602	56121.06641	505671.7	5408852.6
L5670.1	505671.7	5408854.1	8878.29981	360.45	0	48.832638	-86.922715	56215.94	56251.9	-1.89	56214.05	56094.03125	56231.73811	56123.00781	505671.7	5408854.1
L5670.1	505671.7	5408855.8	8878.40039	358.90	0	48.832653	-86.922716	56215.70	56251.9	-1.89	56213.81	56093.80859	56233.31613	56124.53516	505671.7	5408855.8
L5670.1	505671.7	5408855.8	8878.50000	356.63	0	48.832653	-86.922716	56215.48	56251.9	-1.88	56213.60	56093.62109	56235.65014	56126.82031	505671.7	5408855.8
L5670.1	505671.7	5408857.2	8878.59961	355.56	0	48.832666	-86.922716	56215.10	56251.9	-1.88	56213.22	56093.26172	56234.05334	56125.17188	505671.7	5408857.2
L5670.1	505671.7	5408857.2	8878.70020	354.96	0	48.832666	-86.922716	56214.88	56251.9	-1.88	56213.00	56093.06250	56236.25549	56127.32422	505671.7	5408857.2
L5670.1	505671.6	5408860.3	8878.79981	355.47	0	48.832694	-86.922716	56214.41	56251.9	-1.88	56212.53	56092.61719	56232.65008	56123.67188	505671.6	5408860.3
L5670.1	505671.6	5408860.3	8878.90039	355.26	0	48.832694	-86.922716	56214.14	56251.9	-1.88	56212.26	56092.37500	56233.77820	56124.75000	505671.6	5408860.3
L5670.1	505671.6	5408861.5	8879.00000	357.14	0	48.832705	-86.922716	56213.89	56251.9	-1.88	56212.01	56092.15234	56235.42171	56126.34375	505671.6	5408861.5
L5670.1	505671.6	5408863.6	8879.09961	356.59	0	48.832724	-86.922717	56213.38	56251.9	-1.88	56211.49	56091.66016	56230.78545	56121.66016	505671.6	5408863.6
L5670.1	505671.6	5408863.6	8879.20020	357.93	0	48.832724	-86.922717	56212.94	56251.9	-1.88	56211.06	56091.26172	56228.30215	56119.12891	505671.6	5408863.6
L5670.1	505671.6	5408865.4	8879.29981	361.18	0	48.832739	-86.922717	56212.60	56251.9	-1.88	56210.71	56090.94141	56227.73643	56118.51953	505671.6	5408865.4
L5670.1	505671.6	5408865.4	8879.40039	361.90	0	48.832739	-86.922717	56212.45	56251.9	-1.88	56210.56	56090.82422	56231.89854	56122.63281	505671.6	5408865.4
L5670.1	505671.6	5408867.5	8879.50000	364.99	0	48.832759	-86.922717	56212.18	56251.9	-1.88	56210.30	56090.60156	56233.52492	56124.21484	505671.6	5408867.5
L5670.1	505671.6	5408868.7	8879.59961	364.10	0	48.832769	-86.922717	56211.76	56251.9	-1.89	56209.87	56090.20703	56231.20898	56121.85547	505671.6	5408868.7
L5670.1	505671.6	5408870.3	8879.70020	365.52	0	48.832784	-86.922717	56211.16	56251.9	-1.89	56209.28	56089.65625	56225.18407	56115.78906	505671.6	5408870.3
L5670.1	505671.6	5408870.3	8879.79981	367.62	0	48.832784	-86.922717	56211.31	56251.9	-1.89	56209.42	56089.83594	56236.29979	56126.86328	505671.6	5408870.3
L5670.1	505671.6	5408871.7	8879.79981	367.62	0	48.832797	-86.922717	56210.64	56251.9	-1.89	56208.75	56089.20703	56228.47705	56119.00000	505671.6	5408871.7
L5670.1	505671.6	5408873.5	8880.00000	370.10	0	48.832813	-86.922717	56210.26	56251.9	-1.89	56208.37	56088.87109	56227.48533	56117.96875	505671.6	5408873.5
L5670.1	505671.5	5408874.9	8880.09961	369.46	0	48.832826	-86.922717	56209.99	56251.9	-1.89	56208.10	56088.64453	56229.10702	56119.55469	505671.5	5408874.9
L5670.1	505671.5	5408874.9	8880.20020	370.16	0	48.832826	-86.922717	56209.55	56251.9	-1.89	56207.65	56088.24219	56226.54757	56116.96094	505671.5	5408874.9
L5670.1	505671.5	5408876.9	8880.29981	370.08	0	48.832843	-86.922717	56208.90	56251.9	-1.90	56207.00	56087.64063	56219.33789	56109.71875	505671.5	5408876.9
L5670.1	505671.5	5408878.6	8880.40039	367.92	0	48.832859	-86.922717	56208.70	56251.9	-1.90	56206.80	56087.49219	56222.70540	56113.05469	505671.5	5408878.6
L5670.1	505671.5	5408878.6	8880.50000	366.66	0	48.832859	-86.922717	56208.43	56251.9	-1.90	56206.53	56087.27344	56224.46743	56114.78906	505671.5	5408878.6
L5670.1	505671.5	5408880.5	8880.59961	366.77	0	48.832875	-86.922717	56208.24	56251.9	-1.90	56206.34	56087.13672	56228.13778	56118.42969	505671.5	5408880.5
L5670.1	505671.5	5408880.5	8880.70020	363.24	0	48.832875	-86.922717	56207.93	56251.9	-1.90	56206.03	56086.88281	56229.03075	56119.29688	505671.5	5408880.5
L5670.1	505671.6	5408882.2	8880.79981	361.67	0	48.832891	-86.922717	56207.27	56251.9	-1.91	56205.37	56086.28125	56221.75785	56112.00391	505671.6	5408882.2
L5670.1	505671.6	5408883.4	8880.90039	359.88	0	48.832902	-86.922717	56207.04	56251.9	-1.91	56205.13	56086.10156	56224.35818	56114.58203	505671.6	5408883.4
L5670.1	505671.6	5408883.4	8881.00000	358.56	0	48.832902	-86.922717	56206.58	56251.9	-1.91	56204.67	56085.70703	56221.83815	56112.04297	505671.6	5408883.4
L5670.1	505671.6	5408884.9	8881.09961	358.79	0	48.832915	-86.922717	56206.31	56251.9	-1.91	56204.40	56085.50000	56223.80312	56113.99219	505671.6	5408884.9
L5670.1	505671.6	5408886.4	8881.20020	358.77	0	48.832929	-86.922717	56205.96	56251.9	-1.91	56204.06	56085.22656	56224.16211	56114.33984	505671.6	5408886.4
L5670.1	505671.6	5408888.1	8881.29981	359.49	0	48.832944	-86.922716	56205.61	56251.9	-1.91	56203.71	56084.94531	56224.32101	56114.48828	505671.6	5408888.1
L5670.1	505671.6	5408888.1	8881.40039	359.72	0	48.832944	-86.922716	56205.12	56251.9	-1.91	56203.21	56084.51563	56221.00031	56111.16016	505671.6	5408888.1
L5670.1	505671.6	5408889.6	8881.50000	362.03	0	48.832957	-86.922716	56204.85	56251.9	-1.90	56202.94	56084.32031	56223.10286	56113.25781	505671.6	5408889.6
L5670.1	505671.6	5408891.0	8881.59961	361.67	0	48.832970	-86.922716	56204.33	56251.9	-1.90	56202.42	56083.87500	56219.38395	56109.53516	505671.6	5408891.0
L5670.1	505671.6	5408891.0	8881.70020	363.42	0	48.832970	-86.922716	56203.84	56251.9	-1.90	56201.93	56083.46484	56216.40385	56106.55469	505671.6	5408891.0
L5670.1	505671.7	5408892.9	8881.79981	363.75	0	48.832987	-86.922715	56203.48	56251.9	-1.90	56201.58	56083.19531	56216.74022	56106.89453	505671.7	5408892.9
L5670.1	505671.7	5408894.5	8881.79981	363.75	0	48.833002	-86.922715	56203.01	56251.9	-1.90	56201.11	56082.80859	56214.30265	56104.46484	505671.7	5408894.5
L5670.1	505671.7	5408896.5	8882.00000	367.51	0	48.833019	-86.922715	56202.68	56251.9	-1.90	56200.78	56082.56641	56215.18309	56105.35547	505671.7	5408896.5
L5670.1	505671.7	5408896.5	8882.09961	366.51	0	48.833019	-86.922715	56202.40	56251.9	-1.90	56200.50	56082.37500	56217.27394	56107.45703	505671.7	5408896.5
L5670.1	505671.7	5408898.3	8882.20020	365.76	0	48.833035	-86.922714	56202.20	56251.9	-1.90	56200.30	56082.26563	56221.27899	56111.48047	505671.7	5408898.3
L5670.1	505671.8	5408899.4	8882.29981	364.02	0	48.833046	-86.922714	56201.44	56251.9	-1.90	56199.54	56081.59766	56212.20568	56102.42578	505671.8	5408899.4
L5670.1	505671.8	5408899.4	8882.40039	364.16	0	48.833046	-86.922714	56201.04	56251.9	-1.90	56199.14	56081.29297	56211.60840	56101.85156	505671.8	5408899.4
L5670.1	505671.8	5408900.6	8882.50000	364.70	0	48.833056	-86.922714	56200.95	56251.9	-1.90	56199.05	56081.30469	56218.31695	56108.58594	505671.8	5408900.6
L5670.1	505671.8	5408902.1	8882.59961	363.81	0	48.833070	-86.922714	56200.61	56251.9	-1.89	56198.71	56081.06641	56219.21320	56109.51172	505671.8	5408902.1
L5670.1	505671.8	5408903.6	8882.70020	364.56	0	48.833083	-86.922713	56200.15	56251.9	-1.89	56198.25	56080.71094	56217.34403	56107.67578	505671.8	5408903.6
L5670.1	505671.8	5408903.6	8882.79981	364.91	0	48.833083	-86.922713	56199.62	56251.9	-1.89	56197.72	56080.28906	56213.88221	56104.25391	505671.8	5408903.6
L5670.1	505671.8	5408905.2	8882.90039	365.28	0	48.833098	-86.922713	56199.42	56251.9	-1.89	56197.53	56080.20703	56218.43445	56108.84766	505671.8	5408905.2
L5670.1	505671.8	5408905.2	8883.00000	365.45	0	48.833098	-86.922713	56199.08	56251.9	-1.89	56197.19	56079.98047	56219.52282	56109.98047	505671.8	5408905.2
L5670.1	505671.8	5408907.2	8883.09961	363.97	0	48.833116	-86.922713	56198.34	56251.9	-1.89	56196.45	56079.35938	56211.29202	56101.79688	505671.8	5408907.2
L5670.1	505671.8	5408908.8	8883.20020	365.12	0	48.833130	-86.922713	56198.16	56251.9	-1.89	56196.27	56079.29688	56216.23408	56106.78906	505671.8	5408908.8
L5670.1	505671.8	5408910.3	8883.29981	366.36	0	48.833144	-86.922713	56197.90	56251.9	-1.89	56196.01	56079.16016	56219.35713	56109.96875	505671.8	5408910.3
L5670.1	505671.8	5408910.3	8883.40039	369.08	0	48.833144	-86.922713	56197.32	56251.9	-1.89	56195.43	56078.70703	56215.04031	56105.71094	505671.8	5408910.3
L5670.1	505671.9	5408912.3	8883.50000	370.88	0	48.833161	-86.922713	56196.81	56251.9	-1.89	56194.92	56078.32422	56212.42218	56103.15625	505671.9	5408912.3
L5670.1	505671.9	5408913.7	8883.59961	370.84	0	48.833174	-86.922712	56196.68	56251.9	-1.89	56194.79	56078.32422	56218.76713	56109.56641	505671.9	5408913.7
L5670.1	505671.9	5408913.7	8883.70020	372.36	0	48.833174	-86.922712	56195.90	56251.9	-1.89	56194.01	56077.67969	56209.94676	56100.82031	505671.9	5408913.7
L5670.1	505671.9	5408915.7	8883.79981	370.98	0	48.833192	-86.922712	56195.38	56251.9	-1.89	56193.49	56077.29688	56207.28208	56098.23047	505671.9	5408915.7
L5670.1	505671.9	5408917.6	8883.79981	370.98	0	48.833209	-86.922712	56195.27	56251.9	-1.89	56193.38	56077.32813	56214.28922	56105.31641	505671.9	5408917.6
L5670.1	505671.9	5408917.6	8884.00000	371.94	0	48.833209	-86.922712	56194.79	56251.9	-1.89	56192.90	56076.99609	56212.69683	56103.80469	505671.9	5408917.6
L5670.1	505671.9	5408919.1	8884.09961	371.24	0	48.833223	-86.922711	56194.10	56251.9	-1.89	56192.21	56076.45313	56206.25541	56097.44922	505671.9	5408919.1
L5670.1	505671.9	5408920.4	8884.20020	373.70	0	48.833235	-86.922711	56193.77	56251.9	-1.89	56191.88	56076.27344	56208.32078	56099.60547	505671.9	5408920.4
L5670.1	505672.0	5408921.6	8884.29981	371.01	0	48.833245	-86.922711	56193.59	56251.9	-1.89	56191.71	56076.25781	56214.20966	56105.58984	505672.0	5408921.6
L5670.1	505672.0	5408923.0	8884.40039	372.41	0	48.833258	-86.922711	56193.07	56251.9	-1.89	56191.19	56075.89453	56211.97626	56103.45703	505672.0	5408923.0
L5670.1	505672.0	5408923.0	8884.50000	371.14	0	48.833258	-86.922711	56192.34	56251.9	-1.88	56190.45	56075.31641	56204.66843	56096.25000	505672.0	5408923.0
L5670.1	505672.0	5408924.7	8884.59961	369.59	0	48.833273	-86.922710	56192.14	56251.9	-1.88	56190.26	56075.29297	56210.32763	56102.01563	505672.0	5408924.7
L5670.1	505672.0	5408926.4	8884.70020	369.08	0	48.833288	-86.922710	56191.78	56251.9	-1.88	56189.89	56075.08984	56211.85415	56103.65234	505672.0	5408926.4
L5670.1	505672.0	5408926.4	8884.79981	368.64	0	48.833288	-86.922710	56191.29	56251.9	-1.88	56189.41	56074.78125	56210.89029	56102.80078	505672.0	5408926.4
L5670.1	505672.1	5408928.3	8884.90039	367.87	0	48.833306	-86.922709	56190.88	56251.9	-1.88	56188.99	56074.53516	56211.42110	56103.45313	505672.1	5408928.3
L5670.1	505672.1	5408929.8	8885.00000	365.70	0	48.833319	-86.922709	56190.51	56251.9	-1.88	56188.63	56074.35547	56213.44902	56105.60156	505672.1	5408929.8
L5670.1	505672.1	5408929.8	8885.09961	365.41	0	48.833319	-86.922709	56189.64	56251.9	-1.88	56187.77	56073.67578	56203.85710	56096.13672	505672.1	5408929.8
L5670.1	505672.1	5408931.8	8885.20020	367.90	0	48.833337	-86.922708	56189.50	56251.9	-1.88	56187.63	56073.72266	56211.22934	56103.63672	505672.1	5408931.8
L5670.1	505672.2	5408933.0	8885.29981	369.23	0	48.833348	-86.922708	56188.96	56251.9	-1.88	56187.09	56073.37109	56209.32945	56101.87109	505672.2	5408933.0
L5670.1	505672.2	5408933.0	8885.40039	370.88	0	48.833348	-86.922708	56188.62	56251.9	-1.88	56186.74	56073.21484	56211.98214	56104.66016	505672.2	5408933.0
L5670.1	505672.2	5408933.0	8885.50000	370.43	0	48.833348	-86.922708	56187.83	56251.9	-1.88	56185.95	56072.62109	56204.43064	56097.25000	505672.2	5408933.0
L5670.1	505672.2	5408935.2	8885.59961	369.87	0	48.833368	-86.922707	56187.74	56251.9	-1.87	56185.86	56072.73047	56213.38479	56106.34766	505672.2	5408935.2
L5670.1	505672.2	5408936.7	8885.70020	367.84	0	48.833381	-86.922707	56187.02	56251.9	-1.87	56185.14	56072.21484	56207.68860	56100.79688	505672.2	5408936.7
L5670.1	505672.3	5408938.1	8885.79981	366.54	0	48.833394	-86.922707	56186.39	56251.9	-1.87	56184.52	56071.80078	56204.44667	56097.70703	505672.3	5408938.1
L5670.1	505672.3	5408939.5	8885.79981	366.54	0	48.833406	-86.922706	56185.96	56251.9	-1.87	56184.08	56071.57031	56205.53577	56098.95313	505672.3	5408939.5
L5670.1	505672.3	5408939.5	8886.00000	366.76	0	48.833406	-86.922706	56185.30	56251.9	-1.87	56183.43	56071.13281	56201.82174	56095.39844	505672.3	5408939.5
L5670.1	505672.3	5408941.0	8886.09961	366.87	0	48.833419	-86.922706	56184.93	56251.9	-1.87	56183.06	56070.98047	56204.78660	56098.52344	505672.3	5408941.0
L5670.1	505672.4	5408942.6	8886.20020	365.84	0	48.833434	-86.922705	56184.36	56251.9	-1.86	56182.49	56070.62891	56203.18775	56097.08984	505672.4	5408942.6
L5670.1	505672.4	5408942.6	8886.29981	362.70	0	48.833434	-86.922705	56184.27	56251.9	-1.86	56182.41	56070.77344	56213.19270	56107.26172	505672.4	5408942.6
L5670.1	505672.4	5408944.6	8886.40039	361.55	0	48.833452	-86.922705	56183.42	56251.9	-1.86	56181.56	56070.15234	56205.28538	56099.52734	505672.4	5408944.6

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5670.1	505672.4	5408946.0	8886.50000	360.54	0	48.833465	-86.922704	56183.05	56251.9	-1.85	56181.19	56070.01172	56208.75269	56103.17188	505672.4	5408946.0
L5670.1	505672.5	5408947.7	8886.59961	360.60	0	48.833480	-86.922703	56182.30	56251.9	-1.85	56180.45	56069.50781	56203.68382	56098.28125	505672.5	5408947.7
L5670.1	505672.5	5408947.7	8886.70020	360.98	0	48.833480	-86.922703	56182.01	56251.8	-1.85	56180.16	56069.45703	56209.29183	56104.07031	505672.5	5408947.7
L5670.1	505672.6	5408949.4	8886.79981	359.83	0	48.833495	-86.922703	56181.40	56251.8	-1.85	56179.55	56069.08594	56207.54009	56102.50391	505672.6	5408949.4
L5670.1	505672.6	5408951.3	8886.90039	360.48	0	48.833512	-86.922702	56180.85	56251.8	-1.84	56179.01	56068.79297	56207.56780	56102.71875	505672.6	5408951.3
L5670.1	505672.6	5408951.3	8887.00000	360.46	0	48.833512	-86.922702	56180.16	56251.8	-1.84	56178.32	56068.35156	56204.22342	56099.56641	505672.6	5408951.3
L5670.1	505672.7	5408952.9	8887.09961	359.10	0	48.833527	-86.922701	56179.68	56251.8	-1.84	56177.84	56068.12109	56205.94329	56101.47656	505672.7	5408952.9
L5670.1	505672.7	5408952.9	8887.20020	360.94	0	48.833527	-86.922701	56179.45	56251.8	-1.85	56177.61	56068.14453	56213.66695	56109.39844	505672.7	5408952.9
L5670.1	505672.7	5408954.3	8887.29981	359.54	0	48.833539	-86.922700	56178.17	56251.9	-1.85	56176.32	56067.11328	56196.70684	56092.63672	505672.7	5408954.3
L5670.1	505672.7	5408956.2	8887.40039	359.10	0	48.833557	-86.922700	56178.25	56251.9	-1.86	56176.39	56067.44531	56211.75984	56107.89453	505672.7	5408956.2
L5670.1	505672.8	5408957.4	8887.50000	357.32	0	48.833567	-86.922700	56177.48	56251.9	-1.86	56175.62	56066.93750	56207.28786	56103.62500	505672.8	5408957.4
L5670.1	505672.8	5408957.4	8887.59961	356.84	0	48.833567	-86.922700	56176.72	56251.9	-1.86	56174.86	56066.44531	56203.20660	56099.75391	505672.8	5408957.4
L5670.1	505672.8	5408958.6	8887.70020	356.06	0	48.833578	-86.922699	56176.37	56251.9	-1.87	56174.50	56066.35547	56208.65508	56105.41016	505672.8	5408958.6
L5670.1	505672.8	5408960.5	8887.79981	353.25	0	48.833595	-86.922699	56175.41	56251.9	-1.87	56173.54	56065.66797	56200.20808	56097.17578	505672.8	5408960.5
L5670.1	505672.9	5408962.0	8887.79981	353.25	0	48.833608	-86.922698	56175.07	56251.9	-1.87	56173.20	56065.60547	56206.44937	56103.63281	505672.9	5408962.0
L5670.1	505672.9	5408962.0	8888.00000	353.88	0	48.833608	-86.922698	56173.98	56251.9	-1.88	56172.10	56064.78516	56195.05122	56092.45703	505672.9	5408962.0
L5670.1	505672.9	5408963.2	8888.09961	356.62	0	48.833619	-86.922698	56173.69	56251.9	-1.88	56171.81	56064.77734	56202.79694	56100.42188	505672.9	5408963.2
L5670.1	505672.9	5408964.8	8888.20020	357.52	0	48.833634	-86.922697	56172.88	56251.9	-1.87	56171.00	56064.25391	56198.53009	56096.37891	505672.9	5408964.8
L5670.1	505672.9	5408964.8	8888.29981	357.85	0	48.833634	-86.922697	56172.05	56251.9	-1.87	56170.18	56063.71875	56194.20076	56092.27344	505672.9	5408964.8
L5670.1	505673.0	5408968.1	8888.40039	360.18	0	48.833664	-86.922697	56171.72	56251.9	-1.87	56169.85	56063.67969	56201.52473	56099.82813	505673.0	5408968.1
L5670.1	505673.0	5408968.1	8888.50000	360.98	0	48.833664	-86.922697	56170.88	56251.9	-1.86	56169.01	56063.13281	56197.07650	56095.60938	505673.0	5408968.1
L5670.1	505673.0	5408969.6	8888.59961	363.04	0	48.833677	-86.922696	56170.00	56251.9	-1.86	56168.14	56062.55859	56192.10321	56090.87109	505673.0	5408969.6
L5670.1	505673.0	5408969.6	8888.70020	361.83	0	48.833677	-86.922696	56169.76	56251.9	-1.86	56167.90	56062.61719	56202.06888	56101.07031	505673.0	5408969.6
L5670.1	505673.0	5408971.4	8888.79981	362.57	0	48.833693	-86.922696	56168.61	56251.9	-1.86	56166.75	56061.76953	56190.89704	56090.13672	505673.0	5408971.4
L5670.1	505673.0	5408971.4	8888.90039	364.14	0	48.833693	-86.922696	56168.24	56251.9	-1.85	56166.39	56061.71094	56198.41621	56097.89844	505673.0	5408971.4
L5670.1	505673.0	5408972.8	8889.00000	362.44	0	48.833706	-86.922696	56167.23	56251.8	-1.85	56165.38	56061.00391	56190.89254	56090.61719	505673.0	5408972.8
L5670.1	505673.0	5408974.8	8889.09961	364.05	0	48.833724	-86.922695	56166.38	56251.9	-1.85	56164.53	56060.46094	56187.30400	56087.27344	505673.0	5408974.8
L5670.1	505673.0	5408976.5	8889.20020	362.80	0	48.833739	-86.922695	56165.59	56251.9	-1.85	56163.74	56059.98047	56185.30948	56085.52734	505673.0	5408976.5
L5670.1	505673.0	5408976.5	8889.29981	364.16	0	48.833739	-86.922695	56165.06	56251.9	-1.85	56163.21	56059.76172	56189.59606	56090.06250	505673.0	5408976.5
L5670.1	505673.1	5408978.4	8889.40039	362.83	0	48.833756	-86.922695	56164.34	56251.9	-1.85	56162.49	56059.35547	56189.62290	56090.33984	505673.1	5408978.4
L5670.1	505673.1	5408980.4	8889.50000	360.73	0	48.833774	-86.922695	56163.37	56251.9	-1.85	56161.52	56058.69922	56183.98585	56084.95703	505673.1	5408980.4
L5670.1	505673.1	5408980.4	8889.59961	360.21	0	48.833774	-86.922695	56162.84	56251.9	-1.86	56160.98	56058.47656	56188.61700	56089.84375	505673.1	5408980.4
L5670.1	505673.0	5408982.1	8889.70020	360.86	0	48.833790	-86.922695	56161.95	56251.9	-1.86	56160.09	56057.90234	56185.24431	56086.73047	505673.0	5408982.1
L5670.1	505673.0	5408983.7	8889.79981	361.79	0	48.833804	-86.922695	56161.16	56251.9	-1.86	56159.31	56057.44141	56184.64572	56086.39063	505673.0	5408983.7
L5670.1	505673.0	5408983.7	8889.79981	361.79	0	48.833804	-86.922695	56160.34	56251.9	-1.86	56158.48	56056.92969	56183.07411	56085.07813	505673.0	5408983.7
L5670.1	505673.0	5408985.8	8890.00000	360.75	0	48.833823	-86.922696	56159.78	56251.9	-1.86	56157.92	56056.69141	56188.02747	56090.29688	505673.0	5408985.8
L5670.1	505673.0	5408985.8	8890.09961	361.51	0	48.833823	-86.922696	56158.62	56251.9	-1.86	56156.76	56055.85156	56179.12506	56081.66016	505673.0	5408985.8
L5670.1	505673.0	5408987.7	8890.20020	360.96	0	48.833840	-86.922696	56158.09	56251.9	-1.85	56156.23	56055.64453	56185.18378	56087.98438	505673.0	5408987.7
L5670.1	505673.0	5408988.9	8890.29981	358.07	0	48.833850	-86.922696	56156.89	56251.9	-1.85	56155.04	56054.77734	56175.98323	56079.05078	505673.0	5408988.9
L5670.1	505673.0	5408990.4	8890.40039	358.17	0	48.833864	-86.922696	56156.16	56251.8	-1.85	56154.31	56054.37109	56177.76319	56081.10156	505673.0	5408990.4
L5670.1	505673.0	5408990.4	8890.50000	356.88	0	48.833864	-86.922696	56155.36	56251.8	-1.85	56153.51	56053.89453	56178.10804	56081.71875	505673.0	5408990.4
L5670.1	505673.0	5408992.1	8890.59961	356.29	0	48.833879	-86.922697	56154.08	56251.8	-1.84	56152.24	56052.94922	56167.64769	56071.53125	505673.0	5408992.1
L5670.1	505672.9	5408993.7	8890.70020	354.84	0	48.833894	-86.922697	56153.68	56251.8	-1.84	56151.84	56052.87109	56177.77581	56081.93359	505672.9	5408993.7
L5670.1	505672.9	5408993.7	8890.79981	356.21	0	48.833894	-86.922697	56152.77	56251.8	-1.84	56150.94	56052.29688	56176.39756	56080.83203	505672.9	5408993.7
L5670.1	505672.9	5408995.6	8890.90039	355.22	0	48.833911	-86.922697	56151.76	56251.8	-1.83	56149.93	56051.60938	56172.65041	56077.35938	505672.9	5408995.6
L5670.1	505672.9	5408997.2	8891.00000	355.60	0	48.833925	-86.922697	56150.82	56251.8	-1.83	56148.99	56050.99219	56170.75202	56075.74219	505672.9	5408997.2
L5670.1	505672.9	5408997.2	8891.09961	357.48	0	48.833925	-86.922697	56150.01	56251.8	-1.83	56148.18	56050.50391	56172.10871	56077.37500	505672.9	5408997.2
L5670.1	505672.9	5408998.7	8891.20020	358.59	0	48.833939	-86.922697	56149.06	56251.8	-1.83	56147.23	56049.87500	56170.39568	56075.94141	505672.9	5408998.7
L5670.1	505672.9	5409000.6	8891.29981	357.27	0	48.833956	-86.922697	56147.98	56251.8	-1.83	56146.16	56049.12109	56166.08207	56071.90625	505672.9	5409000.6
L5670.1	505672.9	5409000.6	8891.40039	356.74	0	48.833956	-86.922697	56147.19	56251.8	-1.83	56145.36	56048.64063	56168.30515	56074.41016	505672.9	5409000.6
L5670.1	505672.9	5409002.3	8891.50000	357.30	0	48.833971	-86.922696	56146.32	56251.8	-1.82	56144.50	56048.09766	56169.33437	56075.72266	505672.9	5409002.3
L5670.1	505672.9	5409003.8	8891.59961	360.46	0	48.833985	-86.922696	56145.26	56251.8	-1.82	56143.43	56047.34375	56165.65608	56072.32813	505672.9	5409003.8
L5670.1	505672.9	5409003.8	8891.70020	365.32	0	48.833985	-86.922696	56144.29	56251.8	-1.82	56142.47	56046.69531	56164.76751	56071.71875	505672.9	5409003.8
L5670.1	505673.0	5409005.2	8891.79981	368.29	0	48.833998	-86.922696	56143.44	56251.8	-1.82	56141.62	56046.15625	56166.66909	56073.90234	505673.0	5409005.2
L5670.1	505672.9	5409007.0	8891.79981	368.29	0	48.834013	-86.922696	56142.42	56251.8	-1.82	56140.60	56045.44531	56164.80152	56072.31641	505672.9	5409007.0
L5670.1	505672.9	5409007.0	8892.00000	368.26	0	48.834013	-86.922696	56141.37	56251.8	-1.82	56139.55	56044.69922	56162.44499	56070.23828	505672.9	5409007.0
L5670.1	505672.9	5409008.9	8892.09961	369.64	0	48.834031	-86.922696	56140.07	56251.8	-1.82	56138.25	56043.70313	56154.44580	56062.51953	505672.9	5409008.9
L5670.1	505672.9	5409010.6	8892.20020	369.94	0	48.834046	-86.922697	56139.29	56251.8	-1.83	56137.46	56043.21094	56158.60915	56066.96094	505672.9	5409010.6
L5670.1	505672.9	5409012.0	8892.29981	367.87	0	48.834058	-86.922697	56138.46	56251.8	-1.83	56136.63	56042.67578	56162.05022	56070.67969	505672.9	5409012.0
L5670.1	505672.9	5409013.9	8892.40039	367.58	0	48.834076	-86.922697	56137.48	56251.8	-1.84	56135.64	56041.98047	56161.95799	56070.86719	505672.9	5409013.9
L5670.1	505672.9	5409013.9	8892.50000	368.10	0	48.834076	-86.922697	56136.06	56251.8	-1.84	56134.22	56040.84766	56152.00729	56061.19141	505672.9	5409013.9
L5670.1	505672.9	5409013.9	8892.59961	367.36	0	48.834076	-86.922697	56135.20	56251.8	-1.84	56133.35	56040.26172	56155.15730	56064.61719	505672.9	5409013.9
L5670.1	505672.9	5409015.6	8892.70020	367.26	0	48.834091	-86.922697	56134.38	56251.8	-1.85	56132.54	56039.73438	56159.92878	56069.65625	505672.9	5409015.6
L5670.1	505672.9	5409017.0	8892.79981	365.54	0	48.834103	-86.922697	56132.96	56251.9	-1.85	56131.11	56038.57813	56150.39127	56060.39063	505672.9	5409017.0
L5670.1	505672.9	5409018.5	8892.90039	365.07	0	48.834117	-86.922697	56132.06	56251.9	-1.86	56130.20	56037.94141	56153.25231	56063.51563	505672.9	5409018.5
L5670.1	505672.9	5409018.5	8893.00000	364.78	0	48.834117	-86.922697	56130.99	56251.9	-1.86	56129.13	56037.13672	56152.58139	56063.10938	505672.9	5409018.5
L5670.1	505672.9	5409020.3	8893.09961	366.29	0	48.834133	-86.922697	56129.73	56251.9	-1.86	56127.87	56036.13672	56147.67590	56058.46484	505672.9	5409020.3
L5670.1	505672.9	5409021.6	8893.20020	366.90	0	48.834145	-86.922697	56128.82	56251.9	-1.85	56126.97	56035.49219	56151.42111	56062.46875	505672.9	5409021.6
L5670.1	505672.9	5409021.6	8893.29981	368.34	0	48.834145	-86.922697	56127.60	56251.9	-1.85	56125.75	56034.51953	56147.88654	56059.18359	505672.9	5409021.6
L5670.1	505672.8	5409023.7	8893.40039	367.32	0	48.834164	-86.922697	56126.26	56251.8	-1.85	56124.41	56033.42188	56141.75785	56053.30469	505672.8	5409023.7
L5670.1	505672.8	5409025.2	8893.50000	366.94	0	48.834177	-86.922697	56125.38	56251.8	-1.85	56123.53	56032.78125	56146.62312	56058.41797	505672.8	5409025.2
L5670.1	505672.8	5409025.2	8893.59961	369.25	0	48.834177	-86.922697	56123.79	56251.8	-1.84	56121.94	56031.42188	56135.07239	56047.10547	505672.8	5409025.2
L5670.1	505672.8	5409027.3	8893.70020	368.63	0	48.834196	-86.922697	56122.92	56251.8	-1.84	56121.08	56030.78516	56140.84137	56053.10938	505672.8	5409027.3
L5670.1	505672.8	5409029.0	8893.79981	367.68	0	48.834211	-86.922697	56121.53	56251.8	-1.84	56119.69	56029.60938	56134.41158	56046.91016	505672.8	5409029.0
L5670.1	505672.8	5409029.0	8893.79981	367.68	0	48.834211	-86.922697	56120.14	56251.8	-1.84	56118.31	56028.44141	56128.43400	56041.15625	505672.8	5409029.0
L5670.1	505672.8	5409030.6	8894.00000	367.68	0	48.834226	-86.922697	56119.51	56251.8	-1.83	56117.68	56028.01172	56140.24510	56053.18750	505672.8	5409030.6
L5670.1	505672.8	5409032.7	8894.09961	367.41	0	48.834244	-86.922697	56117.89	56251.8	-1.83	56116.06	56026.58594	56129.08118	56042.23438	505672.8	5409032.7
L5670.1	505672.8	5409032.7	8894.20020	366.43	0	48.834244	-86.922697	56116.70	56251.8	-1.83	56114.87	56025.58203	56128.20939	56041.56641	505672.8	5409032.7
L5670.1	505672.8	5409034.0	8894.29981	363.40	0	48.834256	-86.922697	56115.79	56251.8	-1.83	56113.96	56024.84766	56134.11568	56047.67188	505672.8	5409034.0
L5670.1	505672.8	5409035.9	8894.40039	359.23	0	48.834273	-86.922697	56114.30	56251.8	-1.83	56112.47	56023.52734	56126.65251	56040.39844	505672.8	5409035.9
L5670.1	505672.8	5409035.9	8894.50000	358.82	0	48.834273	-86.922697	56113.00	56251.8	-1.83	56111.17	56022.39063	56123.85909	56037.78906	505672.8	5409035.9
L5670.1	505672.8	5409037.3	8894.59961	359.15	0	48.834286	-86.922698	56111.97	56251.8	-1.83	56110.14	56021.51172	56127.60966	56041.71484	505672.8	5409037.3
L5670.1	505672.8	5409037.3	8894.70020	360.58	0	48.834286	-86.922698	56110.40	56251.8	-1.83	56108.57	56020.08203	56118.92798	56033.19922	505672.8	5409037.3
L5670.1	505672.8	5409039.2	8894.79981	360.94	0	48.834303	-86.922698	56109.09	56251.8	-1.83	56107.26	56018.90625	56116.55599	56030.98438	505672.8	5409039.2
L5670.1	505672.8	5409041.0	8894.90039	359.30	0	48.834319	-86.922698	56108.07	56251.8	-1.83	56106.24	56018.01172	56121.19648	56035.77734	505672.8	5409041.0
L5670.1	505672.8	5409041.0	8895.00000	359.70	0	48.834319	-86.922698	56106.46	56251.8	-1.83	56104.63	56016.51563	56112.23315	56026.95313	505672.8	5409041.0
L5670.1	505672.8	5409042.4	8895.09961	360.08	0	48.834332	-86.922698	56105.21	56251.8	-1.83	56103.38	56015.37109	56111.92197	56026.77344	505672.8	5409042.4
L5670.1	505672.7	5409043.9	8895.20020	359.75	0	48.834346	-86.922699	56104.11	56251.8	-1.83	56102.28	56014.36328	56115.34297	56030.31641	505672.7	5409043.9
L5670.1	505672.7	5409045.3	8895.29981	363.30	0	48.834358	-86.922699	56102.76	56251.8	-1.83	56100.93	56013.09766	56113.12490	56028.20703	505672.7	5409045.3
L5670.1	505672.7	5409047.1	8895.40039	361.96	0	48.834374	-86.922699	56101.14	56251.8	-1.83	56099.31	56011.55078	56104.79890	56019.98047	505672.7	5409047.1
L5670.1	505672.7	5409047.1	8895.50000	359.59	0	48.834374	-86.922699	56099.81	56251.8	-1.83	56097.98	56010.28516	56103.48395	56018.75781	505672.7	5409047.1
L5670.1	505672.7	5409048.4	8895.59961	359.89	0	48.834386	-86.922700	56098.56	56251.8	-1.84	56096.72	56009.07813	56104.02553	56019.37891	505672.7	5409048.4
L5670.1	505672.6	5409050.1	8895.70020	361.66	0	48.834401	-86.922700	56097.22	56251.8	-1.84	56095.39	56007.78906	56103.14324	56018.56250	505672.6	5409050.1

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5670.1	505672.6	5409050.1	8895.79981	361.07	0	48.834401	-86.922700	56095.64	56251.8	-1.84	56093.80	56006.23047	56096.38518	56011.85938	505672.6	5409050.1
L5670.1	505672.6	5409051.9	8895.79981	361.07	0	48.834418	-86.922700	56094.16	56251.8	-1.84	56092.33	56004.78125	56092.65304	56008.17188	505672.6	5409051.9
L5670.1	505672.6	5409053.4	8896.00000	362.27	0	48.834431	-86.922701	56093.00	56251.8	-1.84	56091.16	56003.62109	56096.16286	56011.71484	505672.6	5409053.4
L5670.1	505672.6	5409053.4	8896.09961	362.01	0	48.834431	-86.922701	56091.71	56251.8	-1.84	56089.87	56002.32813	56097.07410	56012.64844	505672.6	5409053.4
L5670.1	505672.6	5409055.1	8896.20020	360.71	0	48.834446	-86.922701	56090.37	56251.8	-1.84	56088.53	56000.97266	56097.02553	56012.60938	505672.6	5409055.1
L5670.1	505672.5	5409056.6	8896.29981	363.38	0	48.834460	-86.922701	56088.55	56251.8	-1.83	56086.71	55999.12891	56085.94204	56001.52344	505672.5	5409056.6
L5670.1	505672.5	5409058.0	8896.40039	364.25	0	48.834472	-86.922702	56087.21	56251.8	-1.83	56085.38	55997.76172	56086.54683	56002.10938	505672.5	5409058.0
L5670.1	505672.5	5409058.0	8896.50000	364.46	0	48.834472	-86.922702	56085.54	56251.8	-1.83	56083.71	55996.04297	56079.39347	55994.92969	505672.5	5409058.0
L5670.1	505672.5	5409059.6	8896.59961	363.95	0	48.834487	-86.922702	56084.29	56251.8	-1.83	56082.46	55994.73438	56082.28504	55997.77734	505672.5	5409059.6
L5670.1	505672.5	5409059.6	8896.70020	361.93	0	48.834487	-86.922702	56082.84	56251.8	-1.83	56081.01	55993.21484	56080.69451	55996.13281	505672.5	5409059.6
L5670.1	505672.5	5409061.5	8896.79981	361.90	0	48.834504	-86.922702	56081.48	56251.8	-1.82	56079.66	55991.78125	56081.64791	55997.01953	505672.5	5409061.5
L5670.1	505672.4	5409063.2	8896.90039	362.37	0	48.834519	-86.922703	56080.13	56251.8	-1.82	56078.30	55990.32813	56082.56580	55997.85547	505672.4	5409063.2
L5670.1	505672.4	5409064.8	8897.00000	361.44	0	48.834534	-86.922703	56078.36	56251.8	-1.82	56076.54	55988.46094	56074.30881	55989.50391	505672.4	5409064.8
L5670.1	505672.4	5409064.8	8897.09961	362.73	0	48.834534	-86.922703	56077.12	56251.8	-1.82	56075.30	55987.10547	56078.42733	55993.51563	505672.4	5409064.8
L5670.1	505672.4	5409066.5	8897.20020	361.44	0	48.834548	-86.922703	56075.29	56251.8	-1.82	56073.47	55985.14453	56068.91372	55983.88281	505672.4	5409066.5
L5670.1	505672.4	5409066.5	8897.29981	361.24	0	48.834548	-86.922703	56073.72	56251.8	-1.81	56071.91	55983.44531	56065.91218	55980.74609	505672.4	5409066.5
L5670.1	505672.3	5409068.1	8897.40039	362.77	0	48.834563	-86.922704	56072.31	56251.8	-1.81	56070.50	55981.88281	56066.60771	55981.29297	505672.3	5409068.1
L5670.1	505672.3	5409069.8	8897.50000	362.58	0	48.834579	-86.922704	56070.94	56251.8	-1.81	56069.13	55980.35156	56068.41930	55982.94531	505672.3	5409069.8
L5670.1	505672.3	5409071.9	8897.59961	360.06	0	48.834597	-86.922704	56069.35	56251.8	-1.81	56067.54	55978.58594	56065.25150	55979.60156	505672.3	5409071.9
L5670.1	505672.3	5409071.9	8897.70020	357.78	0	48.834597	-86.922704	56067.38	56251.8	-1.81	56065.57	55976.43359	56053.35129	55967.51563	505672.3	5409071.9
L5670.1	505672.3	5409073.2	8897.79981	358.31	0	48.834609	-86.922705	56066.09	56251.8	-1.80	56064.28	55974.94531	56057.54685	55971.50781	505672.3	5409073.2
L5670.1	505672.2	5409074.7	8897.79981	358.31	0	48.834622	-86.922705	56064.63	56251.8	-1.80	56062.82	55973.27734	56057.91951	55971.66797	505672.2	5409074.7
L5670.1	505672.2	5409074.7	8898.00000	360.47	0	48.834622	-86.922705	56063.10	56251.8	-1.80	56061.30	55971.53906	56057.04063	55970.56250	505672.2	5409074.7
L5670.1	505672.2	5409075.8	8898.09961	362.21	0	48.834633	-86.922705	56061.05	56251.8	-1.80	56059.25	55969.26172	56043.89328	55957.17578	505672.2	5409075.8
L5670.1	505672.2	5409077.7	8898.20020	362.87	0	48.834650	-86.922706	56059.58	56251.8	-1.80	56057.78	55967.55469	56044.47554	55957.50391	505672.2	5409077.7
L5670.1	505672.2	5409077.7	8898.29981	361.36	0	48.834650	-86.922706	56058.14	56251.8	-1.80	56056.34	55965.86328	56045.89549	55958.65625	505672.2	5409077.7
L5670.1	505672.2	5409079.1	8898.40039	360.16	0	48.834662	-86.922706	56056.65	56251.8	-1.80	56054.85	55964.11328	56046.27172	55958.75391	505672.2	5409079.1
L5670.1	505672.2	5409080.6	8898.50000	361.57	0	48.834675	-86.922706	56054.75	56251.8	-1.80	56052.95	55961.94531	56037.16272	55949.35547	505672.2	5409080.6
L5670.1	505672.1	5409082.5	8898.59961	361.89	0	48.834692	-86.922706	56053.14	56251.8	-1.80	56051.34	55960.05859	56034.95968	55946.84766	505672.1	5409082.5
L5670.1	505672.1	5409082.5	8898.70020	362.68	0	48.834692	-86.922706	56051.86	56251.8	-1.80	56050.06	55958.48828	56040.59121	55952.16406	505672.1	5409082.5
L5670.1	505672.1	5409084.4	8898.79981	363.93	0	48.834709	-86.922706	56050.18	56251.8	-1.80	56048.38	55956.51172	56036.94633	55948.19531	505672.1	5409084.4
L5670.1	505672.1	5409085.5	8898.90039	363.19	0	48.834720	-86.922707	56048.28	56251.8	-1.80	56046.48	55954.30859	56028.23261	55939.14063	505672.1	5409085.5
L5670.1	505672.1	5409086.8	8899.00000	362.06	0	48.834731	-86.922707	56046.86	56251.8	-1.80	56045.06	55952.57031	56030.83946	55941.39844	505672.1	5409086.8
L5670.1	505672.1	5409086.8	8899.09961	362.45	0	48.834731	-86.922707	56044.94	56251.8	-1.80	56043.14	55950.32813	56021.79764	55931.99609	505672.1	5409086.8
L5670.1	505672.1	5409088.3	8899.20020	363.24	0	48.834745	-86.922707	56043.30	56251.8	-1.80	56041.49	55948.34766	56019.13556	55928.96094	505672.1	5409088.3
L5670.1	505672.1	5409088.3	8899.29981	363.05	0	48.834745	-86.922707	56042.08	56251.8	-1.80	56040.28	55946.80078	56026.82464	55936.26953	505672.1	5409088.3
L5670.1	505672.1	5409091.7	8899.40039	362.42	0	48.834776	-86.922707	56040.08	56251.8	-1.80	56038.28	55944.45313	56016.03736	55925.08984	505672.1	5409091.7
L5670.1	505672.1	5409091.7	8899.50000	362.13	0	48.834776	-86.922707	56038.34	56251.8	-1.81	56036.53	55942.34766	56011.12612	55919.77344	505672.1	5409091.7
L5670.1	505672.1	5409093.4	8899.59961	363.47	0	48.834791	-86.922707	56036.74	56251.8	-1.81	56034.94	55940.39844	56009.96975	55918.20703	505672.1	5409093.4
L5670.1	505672.1	5409093.4	8899.70020	365.87	0	48.834791	-86.922707	56034.87	56251.8	-1.81	56033.06	55938.15234	56002.01273	55909.83203	505672.1	5409093.4
L5670.1	505672.1	5409095.1	8899.79981	365.50	0	48.834806	-86.922707	56033.03	56251.8	-1.81	56031.22	55935.94141	55994.97247	55902.35938	505672.1	5409095.1
L5670.1	505672.1	5409097.3	8899.79981	365.50	0	48.834826	-86.922707	56031.64	56251.8	-1.81	56029.83	55934.17188	55998.44012	55905.39063	505672.1	5409097.3
L5670.1	505672.1	5409097.3	8899.90039	362.28	0	48.834826	-86.922707	56029.81	56251.8	-1.81	56028.00	55931.95703	55991.55062	55898.05469	505672.1	5409097.3
L5670.1	505672.1	5409098.8	8900.00000	359.86	0	48.834839	-86.922707	56027.99	56251.8	-1.81	56026.18	55929.75000	55984.83126	55890.88281	505672.1	5409098.8
L5670.1	505672.1	5409098.8	8900.09961	361.21	0	48.834839	-86.922707	56026.55	56251.8	-1.81	56024.74	55927.91406	55986.93464	55892.52734	505672.1	5409098.8
L5670.1	505672.1	5409100.5	8900.20020	358.64	0	48.834854	-86.922707	56024.73	56251.8	-1.81	56022.92	55925.69922	55980.03989	55885.16406	505672.1	5409100.5
L5670.1	505672.1	5409102.3	8900.29981	359.64	0	48.834871	-86.922707	56022.68	56251.8	-1.81	56020.87	55923.24609	55967.64465	55872.29688	505672.1	5409102.3
L5670.1	505672.1	5409102.3	8900.50000	360.26	0	48.834871	-86.922707	56021.14	56251.8	-1.81	56019.33	55921.30078	55967.06836	55871.23828	505672.1	5409102.3
L5670.1	505672.1	5409103.9	8900.59961	361.70	0	48.834885	-86.922707	56019.67	56251.8	-1.81	56017.86	55919.42188	55967.98557	55871.67188	505672.1	5409103.9
L5670.1	505672.1	5409105.2	8900.70020	362.10	0	48.834897	-86.922707	56018.03	56251.8	-1.81	56016.22	55917.37109	55964.75594	55867.95313	505672.1	5409105.2
L5670.1	505672.1	5409106.3	8900.79981	363.36	0	48.834907	-86.922707	56016.20	56251.8	-1.81	56014.39	55915.12891	55956.89272	55859.59766	505672.1	5409106.3
L5670.1	505672.1	5409107.9	8900.90039	363.57	0	48.834921	-86.922707	56014.51	56251.8	-1.81	56012.70	55913.02344	55952.10843	55854.31641	505672.1	5409107.9
L5670.1	505672.1	5409109.2	8901.00000	363.81	0	48.834933	-86.922707	56013.02	56251.8	-1.81	56011.21	55911.11719	55951.78975	55853.49609	505672.1	5409109.2
L5670.1	505672.1	5409109.2	8901.09961	364.96	0	48.834933	-86.922707	56011.47	56251.8	-1.81	56009.67	55909.16406	55950.06051	55851.26172	505672.1	5409109.2
L5670.1	505672.1	5409110.8	8901.20020	366.53	0	48.834948	-86.922707	56009.65	56251.8	-1.80	56007.85	55906.92578	55941.51274	55842.21094	505672.1	5409110.8
L5670.1	505672.1	5409110.8	8901.29981	368.49	0	48.834948	-86.922707	56008.14	56251.8	-1.80	56006.34	55905.00000	55939.94866	55840.13672	505672.1	5409110.8
L5670.1	505672.0	5409113.1	8901.40039	366.30	0	48.834968	-86.922707	56006.82	56251.8	-1.80	56005.02	55903.26172	55942.53670	55842.21484	505672.0	5409113.1
L5670.1	505672.0	5409114.6	8901.50000	368.32	0	48.834981	-86.922707	56004.77	56251.8	-1.79	56002.97	55900.79688	55927.70302	55826.87109	505672.0	5409114.6
L5670.1	505672.0	5409114.6	8901.59961	367.01	0	48.834981	-86.922707	56003.36	56251.8	-1.79	56001.56	55898.97266	55927.52245	55826.17969	505672.0	5409114.6
L5670.1	505672.0	5409116.7	8901.70020	365.81	0	48.835001	-86.922708	56001.79	56251.8	-1.79	56000.00	55897.00000	55923.46625	55821.61328	505672.0	5409116.7
L5670.1	505672.0	5409117.7	8901.79981	367.18	0	48.835010	-86.922708	55999.91	56251.8	-1.79	55998.13	55894.71875	55911.76476	55809.40234	505672.0	5409117.7
L5670.1	505672.0	5409117.7	8901.79981	367.18	0	48.835010	-86.922708	55998.85	56251.8	-1.79	55997.07	55893.25000	55918.63533	55815.76563	505672.0	5409117.7
L5670.1	505672.0	5409119.6	8902.00000	363.83	0	48.835027	-86.922708	55997.06	56251.8	-1.78	55995.28	55891.05859	55907.97808	55804.60156	505672.0	5409119.6
L5670.1	505671.9	5409121.4	8902.09961	363.03	0	48.835043	-86.922709	55995.44	56251.8	-1.78	55993.66	55889.03516	55900.85605	55796.97656	505671.9	5409121.4
L5670.1	505671.9	5409121.4	8902.20020	363.29	0	48.835043	-86.922709	55994.32	56251.8	-1.79	55992.54	55887.51953	55904.97851	55800.59766	505671.9	5409121.4
L5670.1	505671.9	5409123.1	8902.29981	363.57	0	48.835057	-86.922709	55992.53	56251.8	-1.79	55990.74	55885.32813	55892.67922	55787.80078	505671.9	5409123.1
L5670.1	505671.8	5409124.5	8902.40039	364.22	0	48.835071	-86.922710	55991.26	56251.8	-1.79	55989.47	55883.67188	55892.28356	55786.91016	505671.8	5409124.5
L5670.1	505671.8	5409124.5	8902.50000	365.68	0	48.835071	-86.922710	55989.97	56251.8	-1.79	55988.18	55882.00000	55890.88457	55785.01953	505671.8	5409124.5
L5670.1	505671.8	5409126.2	8902.59961	367.21	0	48.835086	-86.922710	55988.36	56251.8	-1.80	55986.56	55880.00391	55881.19792	55774.84766	505671.8	5409126.2
L5670.1	505671.8	5409127.7	8902.70020	365.01	0	48.835099	-86.922711	55987.22	56251.8	-1.80	55985.42	55878.49219	55882.17814	55775.35156	505671.8	5409127.7
L5670.1	505671.8	5409127.7	8902.79981	363.12	0	48.835099	-86.922711	55985.72	56251.8	-1.80	55983.92	55876.62891	55874.12453	55766.82422	505671.8	5409127.7
L5670.1	505671.7	5409129.6	8902.90039	360.03	0	48.835116	-86.922711	55984.82	56251.8	-1.81	55983.01	55875.36328	55879.27174	55771.50391	505671.7	5409129.6
L5670.1	505671.7	5409131.3	8903.00000	362.04	0	48.835132	-86.922712	55983.34	56251.8	-1.81	55981.53	55873.53516	55870.42262	55762.19141	505671.7	5409131.3
L5670.1	505671.7	5409131.3	8903.09961	362.83	0	48.835132	-86.922712	55982.39	56251.8	-1.81	55980.58	55872.24609	55873.32632	55764.64453	505671.7	5409131.3
L5670.1	505671.7	5409133.1	8903.20020	359.48	0	48.835148	-86.922712	55980.64	56251.8	-1.81	55978.84	55870.17188	55857.03778	55747.91016	505671.7	5409133.1
L5670.1	505671.6	5409134.7	8903.29981	360.10	0	48.835162	-86.922713	55979.76	56251.8	-1.80	55977.95	55868.96094	55859.95757	55750.39453	505671.6	5409134.7
L5670.1	505671.6	5409134.7	8903.40039	361.57	0	48.835162	-86.922713	55978.52	56251.8	-1.80	55976.71	55867.40625	55853.95255	55743.96094	505671.6	5409134.7
L5670.1	505671.6	5409136.4	8903.50000	362.08	0	48.835178	-86.922713	55977.40	56251.8	-1.80	55975.60	55865.98828	55850.24811	55739.83594	505671.6	5409136.4
L5670.1	505671.6	5409138.1	8903.59961	361.68	0	48.835193	-86.922713	55976.72	56251.8	-1.80	55974.92	55865.01563	55855.85310	55745.03125	505671.6	5409138.1
L5670.1	505671.6	5409138.1	8903.70020	360.56	0	48.835193	-86.922713	55975.05	56251.8	-1.80	55973.25	55863.06250	55837.48157	55726.26172	505671.6	5409138.1
L5670.1	505671.5	5409139.8	8903.79981	359.85	0	48.835209	-86.922714	55974.29	56251.8	-1.79	55972.49	55862.02734	55839.62727	55728.01953	505671.5	5409139.8
L5670.1	505671.5	5409141.5	8903.79981	359.85	0	48.835223	-86.922714	55972.95	56251.8	-1.79	55971.15	55860.42188	55827.36531	55715.37891	505671.5	5409141.5
L5670.1	505671.5	5409142.9	8904.00000	362.03	0	48.835236	-86.922714	55972.57	56251.8	-1.79	55970.78	55859.80078	55836.99089	55724.63672	505671.5	5409142.9
L5670.1	505671.5	5409142.9	8904.09961	360.84	0	48.835236	-86.922714	55971.13	56251.8	-1.79	55969.34	55858.12109	55820.69517	55707.98438	505671.5	5409142.9
L5670.1	505671.5	5409144.6	8904.20020	360.42	0	48.835252	-86.922714	55970.70	56251.8	-1.80	55968.90	55857.44922	55826.95684	55713.90234	505671.5	5409144.6
L5670.1	505671.5	5409145.8	8904.29981	360.67	0	48.835263	-86.922714	55969.89	56251.8	-1.80	55968.09	55856.42578	55823.66475	55710.28125	505671.5	5409145.8
L5670.1	505671.5	5409145.8	8904.40039	362.61	0	48.835263	-86.922714	55968.88	56251.8	-1.80	55967.08	55855.21094	55814.78674	55701.08594	505671.5	5409145.8
L5670.1	505671.5	5409147.6	8904.50000	360.06	0	48.835279	-86.922715	55968.42	56251.8	-1.81	55966.62	55854.55859	55817.87930	55703.87109	505671.5	5409147.6
L5670.1	505671.5	5409149.3	8904.59961	360.16	0	48.835293	-86.922715	55967.46	56251.8	-1.81	55965.65	55853.41016	55808.09597	55693.79688	505671.5	5409149.3
L5670.1	505671.5	5409150.7	8904.70020	359.79	0	48.835306	-86.922715	55966.88	56251.8	-1.81	55965.07	55852.66406	55806.50890	55691.92969	505671.5	5409150.7
L5670.1	505671.5	5409150.7	8904.79981	359.72	0	48.835306	-86.922715	55966.35	56251.8	-1.81	55964.53	55851.97266	55804.90670	55690.06641	505671.5	5409150.7
L5670.1	505671.5	5409152.4	8904.90039	359.11	0	48.835321	-86.922714	55965.87	56251.8	-1.82	55964.05	55851.35156	55803.74702	55688.65234	505671.5	5409152.4
L5670.1	505671.5	5409153.8	8905.00000	358.76	0	48.835334	-86.922714	55965.44	56251.8	-1.82	55963.62	55850.79688	55802.78551	55687.45313	505671.5	5409153.8

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5670.1	505671.5	5409155.0	8905.09961	360.17	0	48.835345	-86.922714	55965.11	56251.8	-1.82	55963.29	55850.35938	55803.18437	55687.63281	505671.5	5409155.0
L5670.1	505671.5	5409155.0	8905.20020	360.75	0	48.835345	-86.922714	55964.35	56251.8	-1.82	55962.53	55849.50000	55792.51879	55676.76172	505671.5	5409155.0
L5670.1	505671.5	5409156.6	8905.29981	362.20	0	48.835359	-86.922714	55964.56	56251.8	-1.82	55962.74	55849.62891	55803.57989	55687.62891	505671.5	5409156.6
L5670.1	505671.5	5409157.7	8905.40039	362.25	0	48.835369	-86.922714	55963.84	56251.8	-1.82	55962.03	55848.85156	55792.08336	55675.95703	505671.5	5409157.7
L5670.1	505671.5	5409157.7	8905.50000	360.67	0	48.835369	-86.922714	55963.92	56251.8	-1.82	55962.10	55848.86719	55797.85049	55681.55859	505671.5	5409157.7
L5670.1	505671.5	5409159.1	8905.59961	360.36	0	48.835382	-86.922714	55963.54	56251.8	-1.81	55961.72	55848.44922	55792.06107	55675.62500	505671.5	5409159.1
L5670.1	505671.5	5409161.1	8905.70020	359.25	0	48.835400	-86.922714	55963.36	56251.8	-1.81	55961.55	55848.25391	55790.17377	55673.60547	505671.5	5409161.1
L5670.1	505671.5	5409161.1	8905.79981	361.57	0	48.835400	-86.922714	55963.46	56251.8	-1.81	55961.65	55848.34766	55793.59184	55676.91016	505671.5	5409161.1
L5670.1	505671.5	5409162.5	8905.79981	361.57	0	48.835412	-86.922714	55963.04	56251.8	-1.81	55961.22	55847.92188	55783.57186	55666.78906	505671.5	5409162.5
L5670.1	505671.5	5409163.8	8906.00000	360.30	0	48.835424	-86.922714	55963.36	56251.8	-1.81	55961.55	55848.27344	55790.33491	55673.46484	505671.5	5409163.8
L5670.1	505671.5	5409163.8	8906.09961	361.72	0	48.835424	-86.922714	55963.41	56251.8	-1.81	55961.60	55848.35938	55789.51705	55672.57813	505671.5	5409163.8
L5670.1	505671.5	5409165.7	8906.20020	362.50	0	48.835441	-86.922714	55963.26	56251.8	-1.81	55961.45	55848.26172	55782.99417	55666.00391	505671.5	5409165.7
L5670.1	505671.5	5409167.1	8906.29981	363.23	0	48.835454	-86.922714	55963.70	56251.8	-1.82	55961.88	55848.75781	55789.04241	55672.01563	505671.5	5409167.1
L5670.1	505671.5	5409167.1	8906.40039	362.48	0	48.835454	-86.922714	55964.05	56251.8	-1.82	55962.23	55849.18750	55792.20338	55675.15234	505671.5	5409167.1
L5670.1	505671.5	5409170.7	8906.50000	364.65	0	48.835486	-86.922714	55964.30	56251.8	-1.82	55962.48	55849.53516	55792.01334	55674.95703	505671.5	5409170.7
L5670.1	505671.5	5409170.7	8906.59961	361.61	0	48.835486	-86.922714	55964.50	56251.8	-1.82	55962.68	55849.84375	55789.64946	55672.60156	505671.5	5409170.7
L5670.1	505671.5	5409172.5	8906.70020	360.52	0	48.835502	-86.922714	55965.31	56251.8	-1.82	55963.49	55850.78125	55800.58071	55683.55859	505671.5	5409172.5
L5670.1	505671.5	5409172.5	8906.79981	361.76	0	48.835502	-86.922714	55965.36	56251.8	-1.83	55963.54	55850.97266	55792.71931	55675.73828	505671.5	5409172.5
L5670.1	505671.5	5409174.3	8906.90039	363.07	0	48.835518	-86.922714	55966.02	56251.8	-1.83	55964.19	55851.77734	55797.93546	55681.00781	505671.5	5409174.3
L5670.1	505671.5	5409176.5	8907.00000	361.92	0	48.835538	-86.922714	55966.75	56251.8	-1.83	55964.92	55852.67969	55804.05672	55687.19922	505671.5	5409176.5
L5670.1	505671.5	5409177.9	8907.09961	360.79	0	48.835551	-86.922714	55967.34	56251.8	-1.83	55965.50	55853.44141	55805.70558	55688.92969	505671.5	5409177.9
L5670.1	505671.5	5409177.9	8907.20020	359.10	0	48.835551	-86.922714	55967.76	56251.8	-1.84	55965.93	55854.07031	55802.89380	55686.21875	505671.5	5409177.9
L5670.1	505671.5	5409179.2	8907.29981	358.86	0	48.835563	-86.922714	55968.81	56251.8	-1.84	55966.97	55855.32422	55813.43898	55696.87891	505671.5	5409179.2
L5670.1	505671.5	5409181.3	8907.40039	362.00	0	48.835581	-86.922713	55969.46	56251.8	-1.84	55967.61	55856.19141	55813.69297	55697.26172	505671.5	5409181.3
L5670.1	505671.5	5409182.3	8907.50000	358.63	0	48.835591	-86.922713	55970.04	56251.8	-1.85	55968.19	55857.01172	55811.63564	55695.34375	505671.5	5409182.3
L5670.1	505671.5	5409182.3	8907.59961	359.37	0	48.835591	-86.922713	55971.38	56251.8	-1.85	55969.54	55858.61719	55826.72716	55710.59375	505671.5	5409182.3
L5670.1	505671.6	5409184.2	8907.70020	360.30	0	48.835607	-86.922713	55972.06	56251.9	-1.85	55970.21	55859.55469	55825.01392	55709.05078	505671.6	5409184.2
L5670.1	505671.6	5409185.8	8907.79981	361.57	0	48.835622	-86.922712	55972.85	56251.9	-1.85	55971.00	55860.62891	55825.25493	55709.47266	505671.6	5409185.8
L5670.1	505671.6	5409185.8	8907.79981	361.57	0	48.835622	-86.922712	55973.96	56251.9	-1.85	55972.11	55862.03125	55832.15352	55716.56641	505671.6	5409185.8
L5670.1	505671.6	5409187.2	8908.00000	363.44	0	48.835634	-86.922712	55975.15	56251.9	-1.86	55973.29	55863.51953	55839.87138	55724.49219	505671.6	5409187.2
L5670.1	505671.6	5409188.4	8908.09961	363.86	0	48.835645	-86.922712	55975.96	56251.9	-1.86	55974.10	55864.64844	55838.11972	55722.96094	505671.6	5409188.4
L5670.1	505671.6	5409188.4	8908.20020	363.32	0	48.835645	-86.922712	55976.97	56251.9	-1.86	55975.12	55866.00000	55840.50645	55725.58203	505671.6	5409188.4
L5670.1	505671.7	5409190.4	8908.29981	363.11	0	48.835664	-86.922711	55978.21	56251.9	-1.85	55976.36	55867.58594	55847.28650	55732.60547	505671.7	5409190.4
L5670.1	505671.7	5409192.1	8908.40039	364.63	0	48.835679	-86.922711	55979.48	56251.9	-1.85	55977.63	55869.21094	55854.02988	55739.60547	505671.7	5409192.1
L5670.1	505671.7	5409192.1	8908.50000	364.06	0	48.835679	-86.922711	55980.59	56251.8	-1.85	55978.74	55870.68750	55856.30720	55742.14844	505671.7	5409192.1
L5670.1	505671.7	5409193.8	8908.59961	364.26	0	48.835694	-86.922711	55981.70	56251.8	-1.85	55979.86	55872.18750	55858.12350	55744.23828	505671.7	5409193.8
L5670.1	505671.7	5409195.4	8908.70020	362.27	0	48.835708	-86.922710	55983.20	56251.8	-1.85	55981.35	55874.06641	55867.93554	55754.33984	505671.7	5409195.4
L5670.1	505671.8	5409197.2	8908.79981	363.28	0	48.835724	-86.922710	55984.76	56251.8	-1.84	55982.92	55876.03516	55878.97269	55765.67188	505671.8	5409197.2
L5670.1	505671.8	5409197.2	8908.90039	363.77	0	48.835724	-86.922710	55985.88	56251.8	-1.84	55984.04	55877.56250	55878.84213	55765.84766	505671.8	5409197.2
L5670.1	505671.8	5409198.6	8909.00000	363.48	0	48.835737	-86.922709	55987.09	56251.8	-1.84	55985.25	55879.19141	55880.21884	55767.53516	505671.8	5409198.6
L5670.1	505671.8	5409200.1	8909.09961	364.08	0	48.835751	-86.922709	55988.81	56251.8	-1.84	55986.98	55881.35156	55893.20110	55780.83984	505671.8	5409200.1
L5670.1	505671.8	5409200.1	8909.20020	364.20	0	48.835751	-86.922709	55990.08	56251.8	-1.84	55988.24	55883.04688	55894.62048	55782.58984	505671.8	5409200.1
L5670.1	505671.8	5409201.5	8909.29981	360.14	0	48.835763	-86.922709	55991.19	56251.8	-1.83	55989.35	55884.60156	55891.99880	55780.30469	505671.8	5409201.5
L5670.1	505671.8	5409203.0	8909.40039	361.02	0	48.835776	-86.922709	55993.04	56251.8	-1.83	55991.20	55886.90625	55906.21174	55794.86328	505671.8	5409203.0
L5670.1	505671.8	5409203.0	8909.50000	363.56	0	48.835776	-86.922709	55994.10	56251.8	-1.83	55992.27	55888.43750	55901.67497	55790.67578	505671.8	5409203.0
L5670.1	505671.8	5409204.6	8909.59961	363.70	0	48.835791	-86.922709	55995.84	56251.8	-1.83	55994.02	55890.65625	55912.61812	55801.97266	505671.8	5409204.6
L5670.1	505671.9	5409206.1	8909.70020	362.98	0	48.835804	-86.922708	55997.03	56251.8	-1.83	55995.21	55892.32422	55910.01677	55799.73438	505671.9	5409206.1
L5670.1	505671.9	5409207.6	8909.79981	361.21	0	48.835818	-86.922708	55998.90	56251.8	-1.82	55997.08	55894.67578	55922.94666	55813.03125	505671.9	5409207.6
L5670.1	505671.9	5409208.9	8909.79981	361.21	0	48.835830	-86.922708	56000.55	56251.8	-1.82	55998.72	55896.80469	55930.11447	55820.57031	505671.9	5409208.9
L5670.1	505671.9	5409210.7	8910.00000	360.96	0	48.835846	-86.922707	56002.34	56251.8	-1.82	56000.52	55899.09766	55940.68256	55831.51172	505671.9	5409210.7
L5670.1	505671.9	5409210.7	8910.09961	361.40	0	48.835846	-86.922707	56003.51	56251.8	-1.82	56001.69	55900.76953	55936.16881	55827.37500	505671.9	5409210.7
L5670.1	505672.0	5409212.0	8910.20020	362.94	0	48.835858	-86.922707	56005.40	56251.8	-1.82	56003.58	55903.16406	55948.22577	55839.81641	505672.0	5409212.0
L5670.1	505672.0	5409213.6	8910.29981	362.87	0	48.835872	-86.922707	56007.23	56251.8	-1.83	56005.40	55905.49219	55958.37106	55850.34375	505672.0	5409213.6
L5670.1	505672.0	5409215.2	8910.40039	364.17	0	48.835887	-86.922706	56008.41	56251.8	-1.83	56006.58	55907.18750	55953.27614	55845.63672	505672.0	5409215.2
L5670.1	505672.0	5409216.4	8910.50000	362.46	0	48.835898	-86.922706	56010.29	56251.8	-1.83	56008.46	55909.58203	55964.35875	55857.10547	505672.0	5409216.4
L5670.1	505672.0	5409216.4	8910.59961	361.96	0	48.835898	-86.922706	56011.73	56251.8	-1.83	56009.90	55911.54297	55964.93620	55858.07031	505672.0	5409216.4
L5670.1	505672.1	5409218.2	8910.70020	360.87	0	48.835913	-86.922706	56013.24	56251.8	-1.83	56011.41	55913.57422	55966.98087	55860.50391	505672.1	5409218.2
L5670.1	505672.1	5409218.2	8910.79981	358.90	0	48.835913	-86.922706	56015.07	56251.8	-1.84	56013.23	55915.92188	55976.13939	55870.05078	505672.1	5409218.2
L5670.1	505672.1	5409219.9	8910.90039	362.64	0	48.835929	-86.922705	56016.96	56251.8	-1.84	56015.12	55918.33984	55986.81284	55881.11328	505672.1	5409219.9
L5670.1	505672.1	5409221.4	8911.00000	361.87	0	48.835942	-86.922705	56018.53	56251.8	-1.84	56016.69	55920.43750	55989.88782	55884.57422	505672.1	5409221.4
L5670.1	505672.1	5409221.4	8911.09961	362.19	0	48.835942	-86.922705	56020.20	56251.8	-1.84	56018.36	55922.63672	55995.22672	55890.29688	505672.1	5409221.4
L5670.1	505672.1	5409223.8	8911.20020	361.43	0	48.835964	-86.922705	56021.85	56251.8	-1.84	56020.01	55924.81641	56000.04072	55895.49609	505672.1	5409223.8
L5670.1	505672.1	5409224.8	8911.29981	362.00	0	48.835973	-86.922705	56023.49	56251.8	-1.83	56021.65	55926.98828	56004.58605	55900.42188	505672.1	5409224.8
L5670.1	505672.1	5409224.8	8911.40039	362.95	0	48.835973	-86.922705	56025.14	56251.8	-1.83	56023.31	55929.17969	56009.58703	55905.80469	505672.1	5409224.8
L5670.1	505672.1	5409227.4	8911.50000	361.18	0	48.835997	-86.922705	56026.50	56251.8	-1.83	56024.67	55931.06641	56007.56785	55904.16016	505672.1	5409227.4
L5670.1	505672.1	5409227.4	8911.59961	362.46	0	48.835997	-86.922705	56028.40	56251.8	-1.83	56026.57	55933.49609	56018.22803	55915.19141	505672.1	5409227.4
L5670.1	505672.1	5409228.6	8911.70020	363.46	0	48.836007	-86.922704	56029.71	56251.8	-1.83	56027.88	55935.33203	56015.11442	55912.44531	505672.1	5409228.6
L5670.1	505672.1	5409228.6	8911.79981	363.01	0	48.836007	-86.922704	56031.31	56251.8	-1.82	56029.48	55937.46094	56018.86252	55916.55469	505672.1	5409228.6
L5670.1	505672.1	5409230.1	8911.79981	363.01	0	48.836020	-86.922704	56033.31	56251.8	-1.82	56031.49	55939.99219	56032.30237	55930.35547	505672.1	5409230.1
L5670.1	505672.1	5409231.5	8912.00000	363.48	0	48.836033	-86.922704	56034.39	56251.8	-1.82	56032.57	55941.59375	56024.05931	55922.46094	505672.1	5409231.5
L5670.1	505672.1	5409233.5	8912.09961	361.83	0	48.836051	-86.922704	56036.32	56251.8	-1.82	56034.49	55944.03125	56035.61749	55934.36719	505672.1	5409233.5
L5670.1	505672.1	5409233.5	8912.20020	359.66	0	48.836051	-86.922704	56037.81	56251.8	-1.83	56035.98	55946.03516	56037.24094	55936.33203	505672.1	5409233.5
L5670.1	505672.1	5409234.9	8912.29981	358.64	0	48.836064	-86.922704	56039.12	56251.8	-1.83	56037.29	55947.85547	56034.80281	55934.23047	505672.1	5409234.9
L5670.1	505672.1	5409236.9	8912.40039	358.45	0	48.836081	-86.922704	56040.99	56251.8	-1.83	56039.16	55950.23438	56045.65508	55945.41016	505672.1	5409236.9
L5670.1	505672.2	5409238.3	8912.50000	358.12	0	48.836094	-86.922704	56042.28	56251.8	-1.83	56040.45	55952.02344	56043.10544	55943.17969	505672.2	5409238.3
L5670.1	505672.2	5409239.7	8912.59961	358.95	0	48.836107	-86.922704	56043.88	56251.8	-1.84	56042.04	55954.11328	56047.78443	55948.17188	505672.2	5409239.7
L5670.1	505672.2	5409239.7	8912.70020	361.92	0	48.836107	-86.922704	56045.47	56251.8	-1.84	56043.63	55956.19531	56052.67751	55953.37109	505672.2	5409239.7
L5670.1	505672.2	5409241.6	8912.79981	361.64	0	48.836124	-86.922704	56046.61	56251.8	-1.84	56044.76	55957.81250	56047.02111	55948.01172	505672.2	5409241.6
L5670.1	505672.2	5409243.4	8912.90039	363.99	0	48.836140	-86.922704	56048.45	56251.8	-1.85	56046.61	55960.14453	56058.47208	55959.75000	505672.2	5409243.4
L5670.1	505672.2	5409243.4	8913.00000	364.72	0	48.836140	-86.922704	56049.65	56251.8	-1.85	56047.80	55961.80859	56054.71225	55956.26953	505672.2	5409243.4
L5670.1	505672.2	5409244.9	8913.09961	363.18	0	48.836153	-86.922704	56051.49	56251.8	-1.85	56049.64	55964.11719	56066.44275	55968.27344	505672.2	5409244.9
L5670.1	505672.2	5409246.5	8913.20020	361.43	0	48.836168	-86.922704	56052.60	56251.8	-1.85	56050.75	55965.68750	56061.34415	55963.43750	505672.2	5409246.5
L5670.1	505672.2	5409247.8	8913.29981	360.50	0	48.836180	-86.922704	56054.13	56251.8	-1.85	56052.28	55967.67188	56066.36791	55968.71484	505672.2	5409247.8
L5670.1	505672.2	5409247.8	8913.40039	361.26	0	48.836180	-86.922704	56055.41	56251.8	-1.85	56053.56	55969.40234	56065.82686	55968.41797	505672.2	5409247.8
L5670.1	505672.2	5409249.5	8913.50000	360.98	0	48.836195	-86.922704	56056.73	56251.8	-1.84	56054.88	55971.16406	56066.52358	55969.34766	505672.2	5409249.5
L5670.1	505672.2	5409251.4	8913.59961	360.05	0	48.836212	-86.922703	56058.22	56251.8	-1.84	56056.38	55973.09375	56071.74593	55974.79297	505672.2	5409251.4
L5670.1	505672.2	5409252.9	8913.70020	362.61	0	48.836226	-86.922703	56059.56	56251.8	-1.84	56057.72	55974.85938	56073.53599	55976.80078	505672.2	5409252.9
L5670.1	505672.2	5409252.9	8913.79981	361.86	0	48.836226	-86.922703	56060.95	56251.8	-1.84	56059.11	55976.66797	56076.82039	55980.28906	505672.2	5409252.9
L5670.1	505672.2	5409254.7	8913.79981	361.86	0	48.836242	-86.922703	56062.39	56251.8	-1.84	56060.55	55978.51563	56081.60537	55985.26563	505672.2	5409254.7
L5670.1	505672.2	5409256.0	8914.00000	362.11	0	48.836253	-86.922703	56063.33	56251.8	-1.84	56061.49	55979.85547	56075.01156	55978.85547	505672.2	5409256.0
L5670.1	505672.2	5409256.0	8914.09961	360.83	0	48.836253	-86.922703	56064.89	56251.8	-1.84	56063.06	55981.81641	56083.51718	55987.53516	505672.2	5409256.0
L5670.1	505672.2	5409257.8	8914.20020	361.25	0	48.836270	-86.922703	56066.09	56251.8	-1.84	56064.25	55983.38672	56083.46513	55987.64844	505672.2	5409257.8
L5670.1	505672.2	5409259.3	8914.29981	361.73	0	48.836283	-86.922702	56067.25	56251.8	-1.83	56065.41	55984.91797	56083.05918	55987.39453	505672.2	5409259.3

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5670.1	505672.2	5409259.3	8914.40039	361.97	0	48.836283	-86.922702	56068.89	56251.8	-1.83	56067.06	55986.93359	56094.48525	55998.96094	505672.2	5409259.3
L5670.1	505672.3	5409261.3	8914.50000	358.00	0	48.836301	-86.922702	56069.70	56251.8	-1.83	56067.87	55988.09766	56086.58800	55991.19531	505672.3	5409261.3
L5670.1	505672.3	5409262.8	8914.59961	357.68	0	48.836314	-86.922702	56071.02	56251.8	-1.83	56069.19	55989.76172	56090.99724	55995.72266	505672.3	5409262.8
L5670.1	505672.3	5409262.8	8914.70020	358.24	0	48.836314	-86.922702	56072.46	56251.8	-1.83	56070.64	55991.54688	56098.81280	56003.64844	505672.3	5409262.8
L5670.1	505672.3	5409264.4	8914.79981	358.27	0	48.836329	-86.922701	56073.24	56251.8	-1.82	56071.42	55992.65234	56091.29457	55996.23047	505672.3	5409264.4
L5670.1	505672.4	5409266.2	8914.90039	358.63	0	48.836345	-86.922701	56074.61	56251.8	-1.82	56072.79	55994.33594	56097.96264	56002.98828	505672.4	5409266.2
L5670.1	505672.4	5409266.2	8915.00000	359.78	0	48.836345	-86.922701	56075.60	56251.8	-1.82	56073.78	55995.63281	56096.09343	56001.19922	505672.4	5409266.2
L5670.1	505672.4	5409268.3	8915.09961	359.30	0	48.836364	-86.922700	56076.64	56251.8	-1.82	56074.82	55996.96875	56095.76147	56000.93359	505672.4	5409268.3
L5670.1	505672.4	5409268.3	8915.20020	362.93	0	48.836364	-86.922700	56078.07	56251.8	-1.82	56076.25	55998.68359	56104.93247	56010.16406	505672.4	5409268.3
L5670.1	505672.4	5409269.5	8915.29981	363.23	0	48.836375	-86.922700	56079.02	56251.8	-1.83	56077.19	55999.89844	56102.99030	56008.26953	505672.4	5409269.5
L5670.1	505672.4	5409271.2	8915.40039	363.39	0	48.836390	-86.922700	56079.97	56251.8	-1.83	56078.14	56001.11328	56101.64843	56006.96484	505672.4	5409271.2
L5670.1	505672.5	5409273.6	8915.50000	362.85	0	48.836412	-86.922699	56081.41	56251.8	-1.83	56079.58	56002.80859	56112.15149	56017.49609	505672.5	5409273.6
L5670.1	505672.5	5409273.6	8915.59961	362.42	0	48.836412	-86.922699	56082.16	56251.8	-1.83	56080.32	56003.79297	56106.61997	56011.98047	505672.5	5409273.6
L5670.1	505672.5	5409275.2	8915.70020	363.65	0	48.836426	-86.922699	56083.16	56251.8	-1.83	56081.32	56005.02344	56107.54317	56012.91406	505672.5	5409275.2
L5670.1	505672.5	5409276.5	8915.79981	364.15	0	48.836438	-86.922698	56084.40	56251.8	-1.84	56082.57	56006.50000	56114.68549	56020.05469	505672.5	5409276.5
L5670.1	505672.5	5409276.5	8915.79981	364.15	0	48.836438	-86.922698	56085.11	56251.8	-1.84	56083.27	56007.41016	56109.30343	56014.66406	505672.5	5409276.5
L5670.1	505672.5	5409278.5	8916.00000	362.37	0	48.836456	-86.922698	56086.12	56251.8	-1.84	56084.28	56008.62500	56111.54288	56016.88281	505672.5	5409278.5
L5670.1	505672.5	5409278.5	8916.09961	360.36	0	48.836456	-86.922698	56087.23	56251.8	-1.84	56085.39	56009.92969	56116.48218	56021.79297	505672.5	5409278.5
L5670.1	505672.6	5409280.6	8916.20020	360.22	0	48.836475	-86.922698	56088.32	56251.8	-1.84	56086.48	56011.19922	56121.30793	56026.58203	505672.6	5409280.6
L5670.1	505672.6	5409281.8	8916.29981	361.25	0	48.836486	-86.922697	56088.86	56251.8	-1.84	56087.02	56011.91406	56113.60135	56018.83203	505672.6	5409281.8
L5670.1	505672.6	5409283.5	8916.40039	361.68	0	48.836501	-86.922697	56089.87	56251.8	-1.84	56088.03	56013.08594	56117.25609	56022.43359	505672.6	5409283.5
L5670.1	505672.6	5409283.5	8916.50000	363.10	0	48.836501	-86.922697	56091.00	56251.8	-1.83	56089.17	56014.37891	56124.30432	56029.41797	505672.6	5409283.5
L5670.1	505672.6	5409285.0	8916.59961	362.91	0	48.836514	-86.922697	56091.71	56251.8	-1.83	56089.88	56015.23047	56121.62405	56026.67188	505672.6	5409285.0
L5670.1	505672.6	5409285.0	8916.70020	361.87	0	48.836514	-86.922697	56092.60	56251.8	-1.83	56090.76	56016.24219	56123.26908	56028.23828	505672.6	5409285.0
L5670.1	505672.6	5409286.8	8916.79981	362.43	0	48.836531	-86.922697	56093.40	56251.8	-1.83	56091.57	56017.17578	56123.61403	56028.50000	505672.6	5409286.8
L5670.1	505672.7	5409288.3	8916.90039	362.25	0	48.836544	-86.922696	56094.32	56251.8	-1.83	56092.49	56018.20703	56126.87301	56031.67188	505672.7	5409288.3
L5670.1	505672.7	5409289.9	8917.00000	363.38	0	48.836558	-86.922696	56095.18	56251.8	-1.83	56093.35	56019.17188	56129.06044	56033.76172	505672.7	5409289.9
L5670.1	505672.7	5409291.5	8917.09961	360.14	0	48.836573	-86.922696	56095.52	56251.8	-1.83	56093.69	56019.60547	56119.39672	56023.99609	505672.7	5409291.5
L5670.1	505672.7	5409291.5	8917.20020	361.26	0	48.836573	-86.922696	56096.52	56251.8	-1.83	56094.69	56020.69141	56125.52329	56030.01172	505672.7	5409291.5
L5670.1	505672.7	5409293.1	8917.29981	363.49	0	48.836587	-86.922696	56097.45	56251.8	-1.83	56095.63	56021.70703	56130.56935	56034.94531	505672.7	5409293.1
L5670.1	505672.7	5409293.1	8917.40039	360.75	0	48.836587	-86.922696	56097.84	56251.8	-1.83	56096.01	56022.15234	56122.81811	56027.07422	505672.7	5409293.1
L5670.1	505672.7	5409295.0	8917.50000	362.46	0	48.836604	-86.922696	56098.57	56251.8	-1.82	56096.74	56022.94141	56123.58554	56027.71875	505672.7	5409295.0
L5670.1	505672.7	5409296.6	8917.59961	362.59	0	48.836619	-86.922695	56099.60	56251.8	-1.82	56097.78	56024.02734	56131.93147	56035.93359	505672.7	5409296.6
L5670.1	505672.7	5409296.6	8917.70020	361.28	0	48.836619	-86.922695	56099.98	56251.8	-1.82	56098.15	56024.43750	56124.89392	56028.76172	505672.7	5409296.6
L5670.1	505672.7	5409298.3	8917.79981	363.37	0	48.836634	-86.922695	56100.56	56251.8	-1.82	56098.74	56025.05859	56123.32031	56027.05078	505672.7	5409298.3
L5670.1	505672.7	5409300.1	8917.79981	363.37	0	48.836650	-86.922695	56101.34	56251.8	-1.82	56099.52	56025.86328	56126.50477	56030.09766	505672.7	5409300.1
L5670.1	505672.8	5409301.3	8918.00000	363.81	0	48.836661	-86.922695	56102.36	56251.8	-1.82	56100.54	56026.89844	56135.61568	56039.06250	505672.8	5409301.3
L5670.1	505672.8	5409302.9	8918.09961	362.54	0	48.836675	-86.922695	56102.89	56251.8	-1.82	56101.07	56027.43359	56133.54797	56036.84766	505672.8	5409302.9
L5670.1	505672.8	5409302.9	8918.20020	363.85	0	48.836675	-86.922695	56103.27	56251.8	-1.82	56101.45	56027.81250	56128.26404	56031.41406	505672.8	5409302.9
L5670.1	505672.8	5409304.1	8918.29981	363.17	0	48.836686	-86.922694	56104.11	56251.8	-1.82	56102.29	56028.64063	56134.05171	56037.05078	505672.8	5409304.1
L5670.1	505672.8	5409306.0	8918.40039	362.19	0	48.836703	-86.922694	56104.91	56251.8	-1.82	56103.09	56029.42578	56139.19434	56042.03906	505672.8	5409306.0
L5670.1	505672.8	5409306.0	8918.50000	363.48	0	48.836703	-86.922694	56105.37	56251.8	-1.82	56103.55	56029.85938	56136.66083	56039.34766	505672.8	5409306.0
L5670.1	505672.8	5409307.9	8918.59961	364.09	0	48.836720	-86.922694	56105.75	56251.8	-1.81	56103.93	56030.21094	56132.53949	56035.07031	505672.8	5409307.9
L5670.1	505672.8	5409308.9	8918.70020	365.13	0	48.836729	-86.922694	56106.43	56251.8	-1.81	56104.62	56030.85938	56135.96425	56038.33594	505672.8	5409308.9
L5670.1	505672.8	5409308.9	8918.79981	365.71	0	48.836729	-86.922694	56106.82	56251.8	-1.81	56105.00	56031.19531	56132.40732	56034.61719	505672.8	5409308.9
L5670.1	505672.9	5409312.0	8918.90039	365.85	0	48.836758	-86.922693	56107.36	56251.8	-1.81	56105.55	56031.69141	56133.11119	56035.16406	505672.9	5409312.0
L5670.1	505672.9	5409312.0	8919.00000	364.61	0	48.836758	-86.922693	56107.90	56251.8	-1.81	56106.09	56032.17188	56133.85622	56035.74609	505672.9	5409312.0
L5670.1	505672.9	5409313.5	8919.09961	365.38	0	48.836771	-86.922693	56108.40	56251.8	-1.81	56106.59	56032.60547	56133.93697	56035.66797	505672.9	5409313.5
L5670.1	505672.9	5409313.5	8919.20020	364.87	0	48.836771	-86.922693	56108.94	56251.8	-1.81	56107.12	56033.06250	56134.99077	56036.56250	505672.9	5409313.5
L5670.1	505672.9	5409315.3	8919.29981	365.51	0	48.836786	-86.922692	56109.49	56251.8	-1.82	56107.68	56033.54297	56137.01506	56038.42578	505672.9	5409315.3
L5670.1	505672.9	5409316.7	8919.40039	363.76	0	48.836799	-86.922692	56109.89	56251.8	-1.82	56108.08	56033.85938	56135.55611	56036.80859	505672.9	5409316.7
L5670.1	505672.9	5409318.2	8919.50000	362.94	0	48.836813	-86.922692	56110.43	56251.8	-1.82	56108.61	56034.30078	56137.40540	56038.50000	505672.9	5409318.2
L5670.1	505672.9	5409319.6	8919.59961	361.22	0	48.836826	-86.922692	56110.88	56251.8	-1.82	56109.06	56034.65234	56137.64070	56038.57813	505672.9	5409319.6
L5670.1	505672.9	5409319.6	8919.70020	360.16	0	48.836826	-86.922692	56111.70	56251.8	-1.82	56109.87	56035.35938	56146.56771	56047.35156	505672.9	5409319.6
L5670.1	505672.9	5409321.0	8919.79981	359.84	0	48.836839	-86.922692	56112.00	56251.8	-1.83	56110.17	56035.55469	56143.80213	56044.42969	505672.9	5409321.0
L5670.1	505672.9	5409321.0	8919.79981	359.84	0	48.836839	-86.922692	56112.15	56251.8	-1.83	56110.32	56035.58984	56137.77551	56038.25391	505672.9	5409321.0
L5670.1	505672.9	5409323.1	8920.00000	362.73	0	48.836857	-86.922692	56112.88	56251.8	-1.83	56111.05	56036.20313	56145.58756	56045.91406	505672.9	5409323.1
L5670.1	505672.9	5409324.5	8920.09961	362.17	0	48.836870	-86.922692	56113.46	56251.8	-1.83	56111.63	56036.66016	56150.13394	56050.31250	505672.9	5409324.5
L5670.1	505672.9	5409324.5	8920.20020	359.75	0	48.836870	-86.922692	56113.57	56251.8	-1.82	56111.75	56036.65234	56144.14986	56044.18359	505672.9	5409324.5
L5670.1	505672.9	5409326.4	8920.29981	358.78	0	48.836887	-86.922692	56114.17	56251.8	-1.82	56112.35	56037.12109	56149.65488	56049.54688	505672.9	5409326.4
L5670.1	505672.9	5409328.1	8920.40039	358.35	0	48.836902	-86.922692	56114.27	56251.8	-1.82	56112.46	56037.09375	56143.92212	56043.67188	505672.9	5409328.1
L5670.1	505672.9	5409329.8	8920.50000	359.95	0	48.836917	-86.922693	56114.91	56251.8	-1.82	56113.09	56037.58203	56150.61112	56050.22266	505672.9	5409329.8
L5670.1	505672.9	5409329.8	8920.59961	360.64	0	48.836917	-86.922693	56115.13	56251.8	-1.81	56113.32	56037.66406	56148.16641	56047.64453	505672.9	5409329.8
L5670.1	505672.9	5409331.4	8920.70020	358.86	0	48.836931	-86.922693	56115.29	56251.8	-1.81	56113.48	56037.67188	56144.31685	56043.66016	505672.9	5409331.4
L5670.1	505672.9	5409332.9	8920.79981	359.65	0	48.836945	-86.922693	56115.89	56251.8	-1.81	56114.08	56038.11719	56151.00830	56050.22266	505672.9	5409332.9
L5670.1	505672.9	5409334.3	8920.90039	360.38	0	48.836958	-86.922693	56116.00	56251.8	-1.80	56114.19	56038.07031	56146.45104	56045.53906	505672.9	5409334.3
L5670.1	505672.8	5409335.7	8921.00000	360.79	0	48.836971	-86.922693	56116.22	56251.8	-1.80	56114.42	56038.13672	56144.93367	56043.89844	505672.8	5409335.7
L5670.1	505672.8	5409335.7	8921.09961	360.55	0	48.836971	-86.922693	56116.72	56251.8	-1.80	56114.92	56038.46875	56149.96818	56048.81250	505672.8	5409335.7
L5670.1	505672.8	5409337.4	8921.20020	360.77	0	48.836986	-86.922693	56116.93	56251.8	-1.80	56115.12	56038.50000	56148.19876	56046.92578	505672.8	5409337.4
L5670.1	505672.8	5409337.4	8921.29981	363.56	0	48.836986	-86.922693	56116.84	56251.8	-1.81	56115.03	56038.23438	56139.85755	56038.46875	505672.8	5409337.4
L5670.1	505672.8	5409338.6	8921.40039	361.99	0	48.836997	-86.922694	56117.30	56251.8	-1.81	56115.49	56038.51563	56144.62151	56043.12109	505672.8	5409338.6
L5670.1	505672.8	5409340.3	8921.50000	363.34	0	48.837012	-86.922694	56117.59	56251.8	-1.81	56115.78	56038.62500	56145.62073	56044.01172	505672.8	5409340.3
L5670.1	505672.8	5409341.8	8921.59961	361.79	0	48.837025	-86.922694	56117.62	56251.8	-1.81	56115.81	56038.46875	56140.74460	56039.03125	505672.8	5409341.8
L5670.1	505672.8	5409343.5	8921.70020	361.12	0	48.837040	-86.922694	56117.82	56251.8	-1.81	56116.00	56038.46875	56139.83055	56038.01563	505672.8	5409343.5
L5670.1	505672.8	5409343.5	8921.79981	359.36	0	48.837040	-86.922694	56118.32	56251.8	-1.82	56116.51	56038.78516	56146.62484	56044.70703	505672.8	5409343.5
L5670.1	505672.7	5409345.1	8921.79981	359.36	0	48.837055	-86.922695	56118.74	56251.8	-1.82	56116.93	56039.01172	56151.52010	56049.50781	505672.7	5409345.1
L5670.1	505672.7	5409345.1	8922.00000	362.63	0	48.837055	-86.922695	56118.85	56251.8	-1.82	56117.03	56038.91016	56149.12586	56047.01563	505672.7	5409345.1
L5670.1	505672.7	5409347.1	8922.09961	363.95	0	48.837073	-86.922695	56118.88	56251.8	-1.82	56117.06	56038.73828	56145.29689	56043.09375	505672.7	5409347.1
L5670.1	505672.7	5409348.7	8922.20020	363.61	0	48.837087	-86.922695	56119.46	56251.8	-1.82	56117.64	56039.11328	56154.55609	56052.26563	505672.7	5409348.7
L5670.1	505672.7	5409350.1	8922.29981	365.47	0	48.837100	-86.922695	56119.20	56251.8	-1.82	56117.38	56038.64453	56144.33714	56041.95703	505672.7	5409350.1
L5670.1	505672.7	5409350.1	8922.40039	363.99	0	48.837100	-86.922695	56119.40	56251.8	-1.82	56117.58	56038.63281	56145.09363	56042.62891	505672.7	5409350.1
L5670.1	505672.7	5409351.8	8922.50000	363.59	0	48.837115	-86.922696	56119.97	56251.8	-1.82	56118.15	56038.98438	56154.71497	56052.16406	505672.7	5409351.8
L5670.1	505672.6	5409353.7	8922.59961	364.23	0	48.837132	-86.922696	56119.89	56251.8	-1.82	56118.07	56038.68750	56149.30299	56046.66797	505672.6	5409353.7
L5670.1	505672.6	5409354.9	8922.70020	363.03	0	48.837143	-86.922696	56119.89	56251.8	-1.82	56118.07	56038.46484	56145.95763	56043.24219	505672.6	5409354.9
L5670.1	505672.6	5409354.9	8922.79981	364.07	0	48.837143	-86.922696	56120.17	56251.8	-1.82	56118.35	56038.51953	56149.36225	56046.56641	505672.6	5409354.9
L5670.1	505672.6	5409357.0	8922.90039	364.64	0	48.837162	-86.922697	56119.96	56251.8	-1.82	56118.14	56038.08203	56141.47557	56038.60156	505672.6	5409357.0
L5670.1	505672.6	5409357.0	8923.00000	361.87	0	48.837162	-86.922697	56119.89	56251.8	-1.82	56118.07	56037.77734	56137.05477	56034.10156	505672.6	5409357.0
L5670.1	505672.6	5409358.2	8923.09961	365.11	0	48.837173	-86.922697	56120.39	56251.8	-1.82	56118.58	56038.05469	56146.40582	56043.37109	505672.6	5409358.2
L5670.1	505672.5	5409359.6	8923.20020	367.47	0	48.837186	-86.922697	56120.54	56251.8	-1.82	56118.72	56037.95313	56147.27048	56044.16016	505672.5	5409359.6
L5670.1	505672.5	5409360.8	8923.29981	366.14	0	48.837196	-86.922697	56120.55	56251.8	-1.82	56118.73	56037.72266	56145.26924	56042.07813	505672.5	5409360.8
L5670.1	505672.5	5409360.8	8923.40039	365.29	0	48.837196	-86.922697	56120.65	56251.8	-1.82	56118.83	56037.57813	56145.55401	56042.28516	505672.5	5409360.8
L5670.1	505672.5	5409362.3	8923.50000	363.93	0	48.837210	-86.922697	56121.00	56251.8	-1.82	56119.19	56037.69141	56152.10537	56048.75781	505672.5	5409362.3
L5670.1	505672.5	5409364.3	8923.59961	364.04	0	48.837227	-86.922697	56120.62	56251.8	-1.81	56118.80	56037.04688	56141.25944	56037.83203	505672.5	5409364.3

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5670.1	505672.5	5409365.9	8923.70020	363.55	0	48.837242	-86.922697	56121.03	56251.8	-1.81	56119.21	56037.20313	56149.32671	56045.82031	505672.5	5409365.9
L5670.1	505672.5	5409365.9	8923.79981	364.35	0	48.837242	-86.922697	56121.18	56251.8	-1.81	56119.37	56037.10547	56151.70624	56048.11719	505672.5	5409365.9
L5670.1	505672.5	5409367.3	8923.79981	364.35	0	48.837255	-86.922697	56120.87	56251.8	-1.81	56119.06	56036.53516	56143.24189	56039.56641	505672.5	5409367.3
L5670.1	505672.5	5409368.7	8924.00000	361.39	0	48.837267	-86.922697	56121.00	56251.8	-1.81	56119.19	56036.39844	56145.25057	56041.49219	505672.5	5409368.7
L5670.1	505672.5	5409370.5	8924.09961	362.58	0	48.837284	-86.922697	56120.93	56251.8	-1.81	56119.12	56036.05859	56142.73663	56038.89063	505672.5	5409370.5
L5670.1	505672.5	5409370.5	8924.20020	363.19	0	48.837284	-86.922697	56120.89	56251.8	-1.81	56119.09	56035.75781	56141.32059	56037.38281	505672.5	5409370.5
L5670.1	505672.5	5409372.4	8924.29981	361.95	0	48.837300	-86.922697	56120.98	56251.8	-1.80	56119.17	56035.56250	56142.64031	56038.60938	505672.5	5409372.4
L5670.1	505672.5	5409372.4	8924.40039	362.97	0	48.837300	-86.922697	56120.93	56251.8	-1.80	56119.12	56035.23438	56141.07115	56036.94531	505672.5	5409372.4
L5670.1	505672.5	5409373.8	8924.50000	360.78	0	48.837313	-86.922697	56121.15	56251.8	-1.80	56119.35	56035.17969	56146.21633	56041.99219	505672.5	5409373.8
L5670.1	505672.5	5409375.2	8924.59961	360.78	0	48.837326	-86.922697	56121.26	56251.8	-1.80	56119.46	56035.00391	56148.70282	56044.37891	505672.5	5409375.2
L5670.1	505672.5	5409376.8	8924.70020	360.93	0	48.837340	-86.922697	56120.75	56251.8	-1.80	56118.95	56034.20313	56136.81486	56032.38672	505672.5	5409376.8
L5670.1	505672.5	5409378.2	8924.79981	361.67	0	48.837353	-86.922697	56120.96	56251.8	-1.79	56119.17	56034.12891	56142.17753	56037.64063	505672.5	5409378.2
L5670.1	505672.5	5409378.2	8924.90039	360.49	0	48.837353	-86.922697	56121.06	56251.8	-1.79	56119.26	56033.91797	56144.64118	56039.99219	505672.5	5409378.2
L5670.1	505672.5	5409380.3	8925.00000	358.77	0	48.837372	-86.922697	56120.85	56251.8	-1.79	56119.06	56033.41797	56140.45543	56035.68750	505672.5	5409380.3
L5670.1	505672.5	5409380.3	8925.09961	357.49	0	48.837372	-86.922697	56120.84	56251.8	-1.79	56119.06	56033.10938	56141.09775	56036.21094	505672.5	5409380.3
L5670.1	505672.5	5409381.9	8925.20020	359.25	0	48.837386	-86.922698	56120.72	56251.8	-1.78	56118.94	56032.67969	56139.06937	56034.05859	505672.5	5409381.9
L5670.1	505672.4	5409383.4	8925.29981	360.09	0	48.837400	-86.922698	56120.68	56251.8	-1.78	56118.89	56032.31641	56138.81953	56033.67578	505672.4	5409383.4
L5670.1	505672.4	5409383.4	8925.40039	360.91	0	48.837400	-86.922698	56121.00	56251.8	-1.78	56119.23	56032.33984	56147.84307	56042.56641	505672.4	5409383.4
L5670.1	505672.4	5409385.1	8925.50000	359.93	0	48.837415	-86.922698	56120.55	56251.8	-1.78	56118.77	56031.55469	56138.25932	56032.84375	505672.4	5409385.1
L5670.1	505672.4	5409386.8	8925.59961	359.37	0	48.837430	-86.922698	56120.59	56251.8	-1.77	56118.81	56031.26953	56140.52207	56034.96094	505672.4	5409386.8
L5670.1	505672.4	5409388.2	8925.70020	359.59	0	48.837442	-86.922698	56120.63	56251.8	-1.77	56118.86	56030.98828	56143.14990	56037.43750	505672.4	5409388.2
L5670.1	505672.4	5409388.2	8925.79981	359.15	0	48.837442	-86.922698	56120.50	56251.8	-1.77	56118.73	56030.52344	56141.68966	56035.82031	505672.4	5409388.2
L5670.1	505672.4	5409390.1	8925.79981	359.15	0	48.837460	-86.922699	56120.29	56251.8	-1.77	56118.53	56029.98438	56138.71643	56032.68359	505672.4	5409390.1
L5670.1	505672.4	5409391.5	8926.00000	362.29	0	48.837473	-86.922699	56120.20	56251.8	-1.76	56118.43	56029.53906	56138.21095	56032.01172	505672.4	5409391.5
L5670.1	505672.4	5409391.5	8926.09961	360.26	0	48.837473	-86.922699	56120.44	56251.8	-1.76	56118.68	56029.44141	56146.02819	56039.65234	505672.4	5409391.5
L5670.1	505672.4	5409393.4	8926.20020	360.76	0	48.837489	-86.922699	56120.14	56251.8	-1.76	56118.38	56028.78906	56141.08147	56034.52734	505672.4	5409393.4
L5670.1	505672.4	5409394.9	8926.29981	361.49	0	48.837503	-86.922699	56119.94	56251.8	-1.77	56118.17	56028.22266	56138.36247	56031.62109	505672.4	5409394.9
L5670.1	505672.4	5409394.9	8926.40039	361.61	0	48.837503	-86.922699	56119.86	56251.8	-1.77	56118.09	56027.77734	56138.80637	56031.87109	505672.4	5409394.9
L5670.1	505672.3	5409396.1	8926.50000	359.79	0	48.837514	-86.922699	56120.02	56251.8	-1.77	56118.25	56027.57031	56144.98827	56037.85156	505672.3	5409396.1
L5670.1	505672.3	5409397.6	8926.59961	357.19	0	48.837527	-86.922699	56119.68	56251.8	-1.77	56117.91	56026.85938	56139.56992	56032.22656	505672.3	5409397.6
L5670.1	505672.3	5409399.5	8926.70020	360.29	0	48.837544	-86.922700	56119.28	56251.8	-1.77	56117.50	56026.07422	56132.62321	56025.06641	505672.3	5409399.5
L5670.1	505672.3	5409399.5	8926.79981	363.97	0	48.837544	-86.922700	56119.56	56251.8	-1.78	56117.78	56025.97266	56141.95110	56034.17578	505672.3	5409399.5
L5670.1	505672.3	5409400.9	8926.90039	362.50	0	48.837557	-86.922700	56119.34	56251.8	-1.78	56117.56	56025.36719	56139.67297	56031.66797	505672.3	5409400.9
L5670.1	505672.3	5409402.4	8927.00000	363.29	0	48.837570	-86.922700	56119.02	56251.8	-1.78	56117.24	56024.65625	56135.15786	56026.91797	505672.3	5409402.4
L5670.1	505672.2	5409404.1	8927.09961	362.94	0	48.837585	-86.922700	56119.05	56251.8	-1.78	56117.28	56024.30078	56139.18049	56030.69922	505672.2	5409404.1
L5670.1	505672.2	5409404.1	8927.20020	365.45	0	48.837585	-86.922700	56118.75	56251.8	-1.77	56116.98	56023.60156	56135.33968	56026.60938	505672.2	5409404.1
L5670.1	505672.2	5409406.0	8927.29981	367.17	0	48.837603	-86.922701	56118.46	56251.8	-1.77	56116.70	56022.91406	56132.06735	56023.07813	505672.2	5409406.0
L5670.1	505672.2	5409407.7	8927.40039	365.07	0	48.837618	-86.922701	56118.58	56251.8	-1.76	56116.81	56022.61328	56138.02973	56028.77734	505672.2	5409407.7
L5670.1	505672.2	5409407.7	8927.50000	363.65	0	48.837618	-86.922701	56118.46	56251.8	-1.76	56116.71	56022.10156	56139.16836	56029.64453	505672.2	5409407.7
L5670.1	505672.2	5409409.2	8927.59961	365.01	0	48.837631	-86.922702	56118.14	56251.8	-1.76	56116.39	56021.35938	56135.24699	56025.44531	505672.2	5409409.2
L5670.1	505672.1	5409410.6	8927.70020	367.17	0	48.837644	-86.922702	56117.87	56251.8	-1.75	56116.11	56020.65625	56132.35476	56022.26563	505672.1	5409410.6
L5670.1	505672.1	5409411.8	8927.79981	366.88	0	48.837655	-86.922702	56117.94	56251.7	-1.75	56116.19	56020.30859	56137.98648	56027.60547	505672.1	5409411.8
L5670.1	505672.1	5409411.8	8927.79981	366.88	0	48.837655	-86.922702	56117.58	56251.7	-1.75	56115.83	56019.51563	56133.39816	56022.71875	505672.1	5409411.8
L5670.1	505672.1	5409413.4	8928.00000	365.75	0	48.837670	-86.922702	56117.28	56251.7	-1.74	56115.54	56018.78516	56130.53578	56019.54688	505672.1	5409413.4
L5670.1	505672.1	5409413.4	8928.09961	364.73	0	48.837670	-86.922702	56117.54	56251.7	-1.74	56115.80	56018.60547	56140.64250	56029.33984	505672.1	5409413.4
L5670.1	505672.1	5409415.2	8928.20020	361.98	0	48.837685	-86.922703	56116.93	56251.7	-1.75	56115.18	56017.53516	56130.21500	56018.58984	505672.1	5409415.2
L5670.1	505672.1	5409416.8	8928.29981	360.06	0	48.837700	-86.922703	56116.77	56251.7	-1.75	56115.02	56016.92578	56130.64401	56018.69141	505672.1	5409416.8
L5670.1	505672.0	5409418.3	8928.40039	358.40	0	48.837713	-86.922703	56116.91	56251.8	-1.75	56115.16	56016.60938	56138.17909	56025.89063	505672.0	5409418.3
L5670.1	505672.0	5409418.3	8928.50000	359.14	0	48.837713	-86.922703	56116.22	56251.8	-1.75	56114.46	56015.45313	56126.11082	56013.48047	505672.0	5409418.3
L5670.1	505672.0	5409419.7	8928.59961	358.97	0	48.837726	-86.922703	56116.24	56251.8	-1.76	56114.48	56015.00781	56130.98397	56018.00781	505672.0	5409419.7
L5670.1	505672.0	5409421.6	8928.70020	357.14	0	48.837743	-86.922703	56116.25	56251.8	-1.76	56114.49	56014.55078	56135.69437	56022.36328	505672.0	5409421.6
L5670.1	505672.0	5409423.1	8928.79981	356.95	0	48.837756	-86.922704	56115.66	56251.8	-1.76	56113.90	56013.49219	56126.41769	56012.72266	505672.0	5409423.1
L5670.1	505672.0	5409423.1	8928.90039	356.84	0	48.837756	-86.922704	56115.72	56251.8	-1.77	56113.95	56013.06641	56132.20186	56018.14063	505672.0	5409423.1
L5670.1	505672.0	5409425.2	8929.00000	358.11	0	48.837776	-86.922704	56115.20	56251.8	-1.77	56113.43	56012.07031	56124.69749	56010.26563	505672.0	5409425.2
L5670.1	505672.0	5409426.2	8929.09961	358.72	0	48.837785	-86.922704	56115.29	56251.8	-1.77	56113.52	56011.67969	56131.54685	56016.73438	505672.0	5409426.2
L5670.1	505672.0	5409426.2	8929.20020	354.61	0	48.837785	-86.922704	56115.08	56251.8	-1.77	56113.31	56010.98828	56131.42875	56016.23438	505672.0	5409426.2
L5670.1	505672.0	5409428.1	8929.29981	354.25	0	48.837802	-86.922704	56114.55	56251.8	-1.77	56112.78	56009.97266	56123.87246	56008.28906	505672.0	5409428.1
L5670.1	505672.0	5409429.8	8929.40039	355.96	0	48.837817	-86.922704	56114.58	56251.8	-1.77	56112.81	56009.51563	56129.49198	56013.51563	505672.0	5409429.8
L5670.1	505672.0	5409431.3	8929.50000	356.93	0	48.837830	-86.922704	56114.07	56251.8	-1.77	56112.30	56008.51563	56122.51487	56006.14063	505672.0	5409431.3
L5670.1	505672.0	5409432.7	8929.59961	359.63	0	48.837843	-86.922704	56114.07	56251.8	-1.77	56112.30	56008.02734	56127.53778	56010.76172	505672.0	5409432.7
L5670.1	505672.0	5409432.7	8929.70020	359.47	0	48.837843	-86.922704	56113.79	56251.8	-1.77	56112.02	56007.25391	56126.05076	56008.87109	505672.0	5409432.7
L5670.1	505672.0	5409434.7	8929.79981	361.39	0	48.837861	-86.922703	56113.46	56251.8	-1.77	56111.69	56006.42969	56123.43992	56005.84766	505672.0	5409434.7
L5670.1	505672.0	5409434.7	8929.79981	361.39	0	48.837861	-86.922703	56113.37	56251.8	-1.77	56111.60	56005.84375	56126.49697	56008.49219	505672.0	5409434.7
L5670.1	505672.0	5409435.9	8929.90039	357.81	0	48.837872	-86.922703	56112.95	56251.8	-1.77	56111.18	56004.92969	56121.86602	56003.44531	505672.0	5409435.9
L5670.1	505672.0	5409437.9	8930.00000	359.19	0	48.837889	-86.922703	56113.00	56251.8	-1.77	56111.23	56004.48438	56128.28680	56009.44922	505672.0	5409437.9
L5670.1	505672.0	5409438.9	8930.09961	361.16	0	48.837898	-86.922703	56112.38	56251.8	-1.77	56110.61	56003.36719	56119.04972	55999.78906	505672.0	5409438.9
L5670.1	505672.0	5409438.9	8930.20020	360.70	0	48.837898	-86.922703	56112.36	56251.8	-1.76	56110.59	56002.85156	56123.90542	56004.22266	505672.0	5409438.9
L5670.1	505672.0	5409440.8	8930.40039	365.01	0	48.837916	-86.922703	56112.12	56251.8	-1.75	56110.37	56002.13672	56124.10966	56004.00391	505672.0	5409440.8
L5670.1	505672.0	5409442.6	8930.50000	363.52	0	48.837932	-86.922703	56111.82	56251.8	-1.75	56110.07	56001.34375	56122.47147	56001.94141	505672.0	5409442.6
L5670.1	505672.0	5409442.6	8930.59961	365.41	0	48.837932	-86.922703	56111.29	56251.7	-1.75	56109.54	56000.32422	56115.47446	55994.51563	505672.0	5409442.6
L5670.1	505672.1	5409444.7	8930.70020	363.83	0	48.837951	-86.922703	56111.07	56251.7	-1.74	56109.32	55999.61328	56115.76719	55994.38281	505672.1	5409444.7
L5670.1	505672.1	5409446.3	8930.79981	364.80	0	48.837966	-86.922702	56110.93	56251.7	-1.74	56109.20	55999.00391	56118.42763	55996.61719	505672.1	5409446.3
L5670.1	505672.1	5409446.3	8930.90039	366.99	0	48.837966	-86.922702	56110.42	56251.7	-1.73	56108.69	55998.00781	56111.97404	55989.73828	505672.1	5409446.3
L5670.1	505672.1	5409447.5	8931.00000	366.63	0	48.837977	-86.922702	56109.88	56251.7	-1.73	56108.14	55996.97656	56104.60378	55981.94141	505672.1	5409447.5
L5670.1	505672.1	5409449.0	8931.09961	365.82	0	48.837990	-86.922702	56109.89	56251.7	-1.73	56108.16	55996.51563	56110.60535	55987.51953	505672.1	5409449.0
L5670.1	505672.1	5409449.0	8931.20020	364.92	0	48.837990	-86.922702	56109.54	56251.7	-1.73	56107.81	55995.68750	56107.95465	55984.44531	505672.1	5409449.0
L5670.1	505672.1	5409450.7	8931.29981	364.01	0	48.838005	-86.922702	56109.42	56251.7	-1.73	56107.69	55995.09766	56110.70592	55986.77734	505672.1	5409450.7
L5670.1	505672.1	5409452.4	8931.40039	363.25	0	48.838020	-86.922702	56109.16	56251.7	-1.73	56107.43	55994.36719	56110.18874	55985.84375	505672.1	5409452.4
L5670.1	505672.1	5409454.1	8931.50000	362.10	0	48.838035	-86.922701	56109.00	56251.7	-1.73	56107.27	55993.74609	56112.02345	55987.26172	505672.1	5409454.1
L5670.1	505672.1	5409454.1	8931.59961	363.85	0	48.838035	-86.922701	56108.73	56251.7	-1.73	56107.00	55993.01563	56111.28806	55986.11328	505672.1	5409454.1
L5670.1	505672.1	5409455.6	8931.70020	363.30	0	48.838049	-86.922701	56108.33	56251.7	-1.73	56106.60	55992.16406	56107.51177	55981.92969	505672.1	5409455.6
L5670.1	505672.2	5409457.5	8931.79981	362.98	0	48.838066	-86.922701	56108.00	56251.7	-1.73	56106.27	55991.38672	56105.37786	55979.39063	505672.2	5409457.5
L5670.1	505672.2	5409457.5	8931.79981	362.98	0	48.838066	-86.922701	56108.00	56251.7	-1.73	56106.27	55990.94531	56110.97527	55984.58984	505672.2	5409457.5
L5670.1	505672.2	5409459.6	8932.00000	361.26	0	48.838085	-86.922701	56107.67	56251.7	-1.73	56105.94	55990.17969	56108.83964	55982.05859	505672.2	5409459.6
L5670.1	505672.2	5409459.6	8932.09961	362.14	0	48.838085	-86.922701	56107.32	56251.7	-1.73	56105.59	55989.40234	56106.23130	55979.05859	505672.2	5409459.6
L5670.1	505672.2	5409461.3	8932.20020	362.01	0	48.838100	-86.922700	56107.21	56251.7	-1.73	56105.48	55988.87500	56109.23920	55981.68359	505672.2	5409461.3
L5670.1	505672.2	5409462.7	8932.29981	359.82	0	48.838113	-86.922700	56106.86	56251.7	-1.74	56105.13	55988.10938	56106.61599	55978.67969	505672.2	5409462.7
L5670.1	505672.2	5409462.7	8932.40039	361.58	0	48.838113	-86.922700	56106.78	56251.7	-1.74	56105.04	55987.61719	56110.07324	55981.76563	505672.2	5409462.7
L5670.1	505672.2	5409464.6	8932.50000	361.13	0	48.838130	-86.922700	56106.38	56251.7	-1.74	56104.64	55986.82031	56106.25512	55977.58203	505672.2	5409464.6
L5670.1	505672.3	5409466.3	8932.59961	360.40	0	48.838145	-86.922699	56106.48	56251.7	-1.74	56104.74	55986.53125	56114.13576	55985.10156	505672.3	5409466.3
L5670.1	505672.3	5409466.3	8932.70020	362.49	0	48.838145	-86.922699	56105.77	56251.7	-1.74	56104.03	55985.44141	56103.02304	55973.64063	505672.3	5409466.3
L5670.1	505672.3	5409467.4	8932.79981	361.94	0	48.838155	-86.922699	56105.72	56251.7	-1.75	56103.98	55985.02344	56107.35323	55977.62500	505672.3	5409467.4
L5670.1	505672.3	5409468.9	8932.90039	362.62	0	48.838168	-86.922699	56105.54	56251.7	-1.75	56103.79	55984.47266	56108.38224	55978.32031	505672.3	5409468.9

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5670.1	505672.3	5409468.9	8933.00000	361.11	0	48.838168	-86.922699	56105.29	56251.8	-1.75	56103.54	55983.87109	56107.98219	55977.58984	505672.3	5409468.9
L5670.1	505672.3	5409470.7	8933.09961	359.77	0	48.838185	-86.922698	56104.76	56251.7	-1.75	56103.01	55983.00000	56100.99695	55970.28906	505672.3	5409470.7
L5670.1	505672.3	5409471.4	8933.20020	358.55	0	48.838191	-86.922698	56104.66	56251.7	-1.75	56102.92	55982.58203	56104.29226	55973.27344	505672.3	5409471.4
L5670.1	505672.3	5409472.6	8933.29981	360.49	0	48.838202	-86.922698	56104.73	56251.7	-1.74	56102.99	55982.33203	56111.30638	55979.98828	505672.3	5409472.6
L5670.1	505672.4	5409474.3	8933.40039	361.51	0	48.838217	-86.922698	56104.31	56251.7	-1.74	56102.57	55981.60547	56106.80941	55975.19922	505672.4	5409474.3
L5670.1	505672.4	5409474.3	8933.50000	361.38	0	48.838217	-86.922698	56103.92	56251.7	-1.74	56102.18	55980.91797	56102.98163	55971.08984	505672.4	5409474.3
L5670.1	505672.4	5409476.0	8933.59961	363.63	0	48.838232	-86.922698	56103.63	56251.7	-1.74	56101.89	55980.34375	56101.46097	55969.30078	505672.4	5409476.0
L5670.1	505672.4	5409477.5	8933.70020	363.24	0	48.838246	-86.922697	56103.73	56251.7	-1.74	56101.99	55980.17188	56109.03942	55976.61719	505672.4	5409477.5
L5670.1	505672.4	5409478.7	8933.79981	363.19	0	48.838257	-86.922697	56103.35	56251.7	-1.73	56101.61	55979.53125	56105.33310	55972.66406	505672.4	5409478.7
L5670.1	505672.4	5409478.7	8933.79981	363.19	0	48.838257	-86.922697	56103.07	56251.7	-1.73	56101.33	55979.00391	56103.92802	55971.01953	505672.4	5409478.7
L5670.1	505672.4	5409480.5	8934.00000	363.19	0	48.838273	-86.922697	56102.74	56251.7	-1.73	56101.01	55978.44531	56101.54240	55968.40625	505672.4	5409480.5
L5670.1	505672.4	5409482.6	8934.09961	363.32	0	48.838292	-86.922697	56102.64	56251.7	-1.73	56100.91	55978.12500	56104.26548	55970.91406	505672.4	5409482.6
L5670.1	505672.4	5409483.9	8934.20020	364.07	0	48.838304	-86.922697	56102.16	56251.7	-1.73	56100.42	55977.42188	56097.80461	55964.25000	505672.4	5409483.9
L5670.1	505672.4	5409483.9	8934.29981	362.32	0	48.838304	-86.922697	56101.82	56251.7	-1.73	56100.09	55976.89844	56095.04303	55961.29297	505672.4	5409483.9
L5670.1	505672.4	5409485.4	8934.40039	361.45	0	48.838317	-86.922697	56101.81	56251.7	-1.73	56100.07	55976.69141	56099.49303	55965.56250	505672.4	5409485.4
L5670.1	505672.4	5409487.0	8934.50000	363.48	0	48.838332	-86.922697	56101.82	56251.7	-1.74	56100.09	55976.54297	56104.82737	55970.73047	505672.4	5409487.0
L5670.1	505672.4	5409488.8	8934.59961	364.34	0	48.838348	-86.922697	56101.44	56251.7	-1.74	56099.71	55976.00781	56100.73615	55966.48438	505672.4	5409488.8
L5670.1	505672.4	5409488.8	8934.70020	364.17	0	48.838348	-86.922697	56100.92	56251.7	-1.74	56099.18	55975.33203	56093.07447	55958.67578	505672.4	5409488.8
L5670.1	505672.4	5409490.3	8934.79981	364.54	0	48.838361	-86.922697	56100.84	56251.7	-1.74	56099.11	55975.13672	56096.13135	55961.60156	505672.4	5409490.3
L5670.1	505672.4	5409491.9	8934.90039	365.41	0	48.838375	-86.922697	56100.84	56251.7	-1.74	56099.10	55975.01172	56100.53407	55965.88672	505672.4	5409491.9
L5670.1	505672.4	5409491.9	8935.00000	365.50	0	48.838375	-86.922697	56100.61	56251.7	-1.74	56098.87	55974.67969	56099.72124	55964.96875	505672.4	5409491.9
L5670.1	505672.4	5409493.3	8935.09961	365.65	0	48.838389	-86.922697	56100.21	56251.7	-1.74	56098.47	55974.19531	56094.86258	55960.01953	505672.4	5409493.3
L5670.1	505672.4	5409494.8	8935.20020	365.14	0	48.838402	-86.922697	56100.16	56251.7	-1.74	56098.42	55974.07031	56098.13874	55963.21484	505672.4	5409494.8
L5670.1	505672.4	5409494.8	8935.29981	364.96	0	48.838402	-86.922697	56099.78	56251.7	-1.74	56098.04	55973.63281	56093.61744	55958.62891	505672.4	5409494.8
L5670.1	505672.4	5409496.9	8935.40039	364.43	0	48.838421	-86.922697	56099.40	56251.7	-1.74	56097.67	55973.22266	56089.26244	55954.21875	505672.4	5409496.9
L5670.1	505672.4	5409499.4	8935.50000	365.80	0	48.838443	-86.922697	56099.22	56251.7	-1.74	56097.48	55973.00391	56089.05490	55953.97266	505672.4	5409499.4
L5670.1	505672.4	5409499.4	8935.59961	366.46	0	48.838443	-86.922697	56099.30	56251.7	-1.73	56097.56	55973.06641	56095.10178	55959.99219	505672.4	5409499.4
L5670.1	505672.4	5409500.9	8935.70020	363.80	0	48.838457	-86.922697	56099.14	56251.7	-1.73	56097.41	55972.91797	56095.68790	55960.56641	505672.4	5409500.9
L5670.1	505672.4	5409500.9	8935.79981	363.53	0	48.838457	-86.922697	56098.70	56251.7	-1.73	56096.96	55972.48438	56089.17191	55954.05078	505672.4	5409500.9
L5670.1	505672.4	5409503.2	8935.79981	363.53	0	48.838477	-86.922697	56098.66	56251.7	-1.73	56096.93	55972.48047	56092.42024	55957.31250	505672.4	5409503.2
L5670.1	505672.4	5409504.6	8936.00000	363.07	0	48.838490	-86.922697	56098.67	56251.7	-1.73	56096.94	55972.53516	56096.52912	55961.44922	505672.4	5409504.6
L5670.1	505672.4	5409504.6	8936.09961	363.24	0	48.838490	-86.922697	56098.19	56251.7	-1.73	56096.46	55972.11328	56089.08070	55954.03906	505672.4	5409504.6
L5670.1	505672.4	5409506.6	8936.20020	360.88	0	48.838508	-86.922697	56098.00	56251.7	-1.73	56096.27	55971.99219	56088.34719	55953.35938	505672.4	5409506.6
L5670.1	505672.4	5409508.0	8936.29981	361.32	0	48.838521	-86.922697	56098.16	56251.7	-1.73	56096.43	55972.23828	56095.73306	55960.80859	505672.4	5409508.0
L5670.1	505672.4	5409508.0	8936.40039	361.22	0	48.838521	-86.922697	56097.73	56251.7	-1.73	56096.00	55971.91016	56089.21537	55954.37109	505672.4	5409508.0
L5670.1	505672.4	5409509.7	8936.50000	361.42	0	48.838535	-86.922696	56097.35	56251.7	-1.74	56095.62	55971.64453	56083.78662	55949.03516	505672.4	5409509.7
L5670.1	505672.4	5409509.7	8936.59961	362.22	0	48.838535	-86.922696	56097.30	56251.7	-1.74	56095.57	55971.72266	56086.00552	55951.35547	505672.4	5409509.7
L5670.1	505672.4	5409511.5	8936.70020	362.36	0	48.838552	-86.922696	56097.15	56251.7	-1.74	56095.41	55971.70313	56085.56301	55951.03125	505672.4	5409511.5
L5670.1	505672.5	5409512.9	8936.79981	362.00	0	48.838564	-86.922696	56096.97	56251.7	-1.74	56095.23	55971.67578	56084.56671	55950.16406	505672.5	5409512.9
L5670.1	505672.5	5409514.2	8936.90039	359.86	0	48.838576	-86.922696	56096.72	56251.7	-1.74	56094.98	55971.59375	56081.84441	55947.58203	505672.5	5409514.2
L5670.1	505672.5	5409515.6	8937.00000	358.90	0	48.838589	-86.922696	56096.74	56251.7	-1.74	56095.00	55971.79688	56085.36072	55951.25391	505672.5	5409515.6
L5670.1	505672.5	5409515.6	8937.09961	360.82	0	48.838589	-86.922696	56096.62	56251.7	-1.74	56094.88	55971.87109	56085.50969	55951.57031	505672.5	5409515.6
L5670.1	505672.5	5409517.6	8937.20020	360.57	0	48.838606	-86.922696	56096.52	56251.7	-1.74	56094.78	55971.97656	56086.03912	55952.27344	505672.5	5409517.6
L5670.1	505672.5	5409519.2	8937.29981	361.70	0	48.838622	-86.922696	56096.80	56251.7	-1.73	56095.07	55972.48828	56095.61665	55962.04297	505672.5	5409519.2
L5670.1	505672.5	5409519.2	8937.40039	363.48	0	48.838622	-86.922696	56096.48	56251.7	-1.73	56094.75	55972.39844	56090.81437	55957.44141	505672.5	5409519.2
L5670.1	505672.5	5409521.0	8937.50000	361.44	0	48.838637	-86.922696	56096.26	56251.7	-1.73	56094.53	55972.42188	56088.26541	55955.10156	505672.5	5409521.0
L5670.1	505672.5	5409521.0	8937.59961	360.18	0	48.838637	-86.922696	56096.34	56251.7	-1.73	56094.61	55972.75781	56092.65498	55959.71484	505672.5	5409521.0
L5670.1	505672.4	5409522.6	8937.70020	360.06	0	48.838652	-86.922696	56095.94	56251.7	-1.73	56094.21	55972.62500	56085.70947	55953.00391	505672.4	5409522.6
L5670.1	505672.4	5409524.5	8937.79981	360.46	0	48.838669	-86.922696	56096.21	56251.7	-1.72	56094.48	55973.17188	56094.37036	55961.90625	505672.4	5409524.5
L5670.1	505672.4	5409524.5	8937.79981	360.46	0	48.838669	-86.922696	56095.91	56251.7	-1.72	56094.19	55973.17188	56089.82185	55957.61328	505672.4	5409524.5
L5670.1	505672.4	5409526.4	8938.00000	358.71	0	48.838686	-86.922697	56095.81	56251.7	-1.72	56094.08	55973.35938	56089.40033	55957.45313	505672.4	5409526.4
L5670.1	505672.4	5409527.6	8938.09961	358.87	0	48.838697	-86.922697	56095.73	56251.7	-1.72	56094.01	55973.59766	56089.82613	55958.15234	505672.4	5409527.6
L5670.1	505672.4	5409529.0	8938.20020	356.82	0	48.838709	-86.922697	56095.68	56251.7	-1.72	56093.96	55973.86719	56090.63098	55959.23828	505672.4	5409529.0
L5670.1	505672.4	5409529.0	8938.29981	357.82	0	48.838709	-86.922697	56095.23	56251.7	-1.72	56093.50	55973.73828	56081.74141	55950.64063	505672.4	5409529.0
L5670.1	505672.4	5409530.7	8938.40039	360.81	0	48.838725	-86.922697	56095.46	56251.7	-1.72	56093.73	55974.30469	56088.92812	55958.12500	505672.4	5409530.7
L5670.1	505672.4	5409532.2	8938.50000	362.42	0	48.838738	-86.922697	56095.09	56251.7	-1.73	56093.37	55974.29297	56082.20450	55951.71094	505672.4	5409532.2
L5670.1	505672.4	5409533.8	8938.59961	361.88	0	48.838753	-86.922697	56095.05	56251.7	-1.73	56093.32	55974.59766	56082.65595	55952.47656	505672.4	5409533.8
L5670.1	505672.4	5409533.8	8938.70020	364.04	0	48.838753	-86.922697	56095.15	56251.7	-1.73	56093.43	55975.07031	56086.76912	55956.91016	505672.4	5409533.8
L5670.1	505672.3	5409535.8	8938.79981	365.78	0	48.838770	-86.922697	56095.09	56251.7	-1.73	56093.37	55975.38281	56086.81382	55957.28516	505672.3	5409535.8
L5670.1	505672.3	5409537.5	8938.90039	367.84	0	48.838786	-86.922697	56094.85	56251.7	-1.73	56093.12	55975.51172	56082.32247	55953.13281	505672.3	5409537.5
L5670.1	505672.3	5409537.5	8939.00000	367.40	0	48.838786	-86.922697	56094.97	56251.7	-1.73	56093.24	55976.01563	56086.41556	55957.57031	505672.3	5409537.5
L5670.1	505672.3	5409539.4	8939.09961	364.58	0	48.838803	-86.922697	56094.88	56251.7	-1.73	56093.15	55976.32031	56085.50634	55957.00781	505672.3	5409539.4
L5670.1	505672.3	5409539.4	8939.20020	363.01	0	48.838803	-86.922697	56094.72	56251.7	-1.72	56093.00	55976.56641	56083.11024	55954.96484	505672.3	5409539.4
L5670.1	505672.3	5409541.3	8939.29981	362.77	0	48.838820	-86.922697	56094.92	56251.7	-1.72	56093.20	55977.17188	56088.83394	55961.05078	505672.3	5409541.3
L5670.1	505672.3	5409543.1	8939.40039	362.80	0	48.838836	-86.922697	56094.88	56251.7	-1.71	56093.16	55977.53906	56088.85673	55961.43750	505672.3	5409543.1
L5670.1	505672.3	5409543.1	8939.50000	363.32	0	48.838836	-86.922697	56094.67	56251.7	-1.71	56092.96	55977.75391	56085.05445	55958.00781	505672.3	5409543.1
L5670.1	505672.3	5409544.5	8939.59961	361.53	0	48.838849	-86.922697	56094.88	56251.7	-1.71	56093.17	55978.38281	56090.78248	55964.10938	505672.3	5409544.5
L5670.1	505672.3	5409546.0	8939.70020	362.69	0	48.838863	-86.922697	56094.46	56251.7	-1.70	56092.76	55978.39453	56081.91237	55955.61719	505672.3	5409546.0
L5670.1	505672.3	5409546.0	8939.79981	362.28	0	48.838863	-86.922697	56094.59	56251.7	-1.70	56092.90	55978.96094	56085.85621	55959.94141	505672.3	5409546.0
L5670.1	505672.3	5409547.7	8939.79981	362.28	0	48.838878	-86.922697	56094.82	56251.7	-1.70	56093.12	55979.60938	56091.60513	55966.07422	505672.3	5409547.7
L5670.1	505672.3	5409549.3	8940.00000	360.78	0	48.838892	-86.922698	56094.47	56251.7	-1.69	56092.78	55979.70313	56084.16770	55959.02734	505672.3	5409549.3
L5670.1	505672.3	5409550.7	8940.09961	361.13	0	48.838905	-86.922698	56094.44	56251.7	-1.69	56092.75	55980.10547	56083.92808	55959.17578	505672.3	5409550.7
L5670.1	505672.3	5409552.4	8940.20020	363.26	0	48.838920	-86.922698	56094.69	56251.7	-1.69	56093.00	55980.79297	56090.18581	55965.82422	505672.3	5409552.4
L5670.1	505672.3	5409552.4	8940.29981	363.92	0	48.838920	-86.922698	56094.59	56251.7	-1.69	56092.90	55981.13281	56088.18401	55964.21484	505672.3	5409552.4
L5670.1	505672.3	5409554.3	8940.40039	363.23	0	48.838937	-86.922698	56094.39	56251.7	-1.69	56092.70	55981.37109	56083.78211	55960.21094	505672.3	5409554.3
L5670.1	505672.3	5409554.3	8940.50000	363.15	0	48.838937	-86.922698	56094.52	56251.7	-1.69	56092.82	55981.93359	56086.82230	55963.64844	505672.3	5409554.3
L5670.1	505672.3	5409555.8	8940.59961	364.04	0	48.838950	-86.922698	56094.70	56251.7	-1.70	56093.00	55982.55469	56091.21617	55968.43750	505672.3	5409555.8
L5670.1	505672.2	5409557.3	8940.70020	364.90	0	48.838964	-86.922698	56094.57	56251.7	-1.70	56092.87	55982.86719	56088.29838	55965.91797	505672.2	5409557.3
L5670.1	505672.2	5409557.3	8940.79981	362.87	0	48.838964	-86.922698	56094.54	56251.7	-1.70	56092.85	55983.28906	56087.91137	55965.92578	505672.2	5409557.3
L5670.1	505672.2	5409558.7	8940.90039	362.50	0	48.838977	-86.922698	56094.44	56251.7	-1.70	56092.74	55983.62109	56085.37264	55963.78516	505672.2	5409558.7
L5670.1	505672.2	5409560.4	8941.00000	365.10	0	48.838992	-86.922699	56094.59	56251.7	-1.70	56092.89	55984.21094	56088.88489	55967.69531	505672.2	5409560.4
L5670.1	505672.2	5409562.0	8941.09961	364.17	0	48.839006	-86.922699	56094.67	56251.7	-1.70	56092.97	55984.72656	56090.72020	55969.92578	505672.2	5409562.0
L5670.1	505672.2	5409562.0	8941.20020	364.13	0	48.839006	-86.922699	56094.66	56251.7	-1.70	56092.96	55985.15625	56090.41325	55970.01172	505672.2	5409562.0
L5670.1	505672.2	5409563.7	8941.29981	363.92	0	48.839022	-86.922699	56094.75	56251.7	-1.70	56093.05	55985.68359	56092.41853	55972.41406	505672.2	5409563.7
L5670.1	505672.2	5409565.2	8941.40039	364.07	0	48.839035	-86.922699	56094.75	56251.7	-1.70	56093.05	55986.11719	56092.28821	55972.67578	505672.2	5409565.2
L5670.1	505672.2	5409565.2	8941.50000	366.77	0	48.839035	-86.922699	56094.92	56251.7	-1.70	56093.22	55986.71875	56096.11682	55976.89453	505672.2	5409565.2
L5670.1	505672.2	5409567.0	8941.59961	364.68	0	48.839052	-86.922699	56095.13	56251.7	-1.70	56093.43	55987.35938	56100.86229	55982.02734	505672.2	5409567.0
L5670.1	505672.2	5409567.0	8941.70020	364.42	0	48.839052	-86.922699	56094.99	56251.7	-1.70	56093.29	55987.64453	56097.39142	55978.94531	505672.2	5409567.0
L5670.1	505672.2	5409569.2	8941.79981	363.94	0	48.839071	-86.922699	56094.82	56251.7	-1.70	56093.12	55987.89844	56093.20458	55975.14063	505672.2	5409569.2
L5670.1	505672.1	5409570.5	8941.79981	363.94	0	48.839082	-86.922700	56094.95	56251.7	-1.70	56093.25	55988.45313	56096.03646	55978.35547	505672.1	5409570.5
L5670.1	505672.1	5409572.1	8942.00000	363.28	0	48.839097	-86.922700	56095.13	56251.7	-1.70	56093.43	55989.05078	56100.03385	55982.73438	505672.1	5409572.1
L5670.1	505672.1	5409572.1	8942.09961	362.57	0	48.839097	-86.922700	56094.88	56251.7	-1.70	56093.17	55989.20313	56093.72098	55976.79688	505672.1	5409572.1
L5670.1	505672.1	5409574.7	8942.20020	361.81	0	48.839121	-86.922700	56094.86	56251.7	-1.70	56093.16	55989.60156	56093.26653	55976.71484	505672.1	5409574.7

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5670.1	505672.1	5409574.7	8942.29981	361.51	0	48.839121	-86.922700	56095.02	56251.7	-1.71	56093.32	55990.16797	56096.80004	55980.62109	505672.1	5409574.7
L5670.1	505672.1	5409576.7	8942.40039	358.67	0	48.839138	-86.922701	56095.23	56251.7	-1.71	56093.52	55990.77344	56101.27971	55985.46875	505672.1	5409576.7
L5670.1	505672.1	5409576.7	8942.50000	359.23	0	48.839138	-86.922701	56095.07	56251.7	-1.71	56093.36	55991.01172	56097.33833	55981.89063	505672.1	5409576.7
L5670.1	505672.0	5409578.4	8942.59961	361.50	0	48.839154	-86.922701	56095.02	56251.7	-1.71	56093.31	55991.35547	56095.99060	55980.90625	505672.0	5409578.4
L5670.1	505672.0	5409579.9	8942.70020	361.72	0	48.839167	-86.922701	56095.15	56251.7	-1.71	56093.44	55991.87500	56098.88023	55984.15234	505672.0	5409579.9
L5670.1	505672.0	5409579.9	8942.79981	362.97	0	48.839167	-86.922701	56095.54	56251.7	-1.72	56093.82	55992.64453	56107.65094	55993.27734	505672.0	5409579.9
L5670.1	505672.0	5409581.6	8942.90039	361.13	0	48.839182	-86.922702	56095.38	56251.7	-1.72	56093.66	55992.86719	56103.79880	55989.77734	505672.0	5409581.6
L5670.1	505671.9	5409583.3	8943.00000	358.78	0	48.839197	-86.922702	56095.18	56251.7	-1.72	56093.46	55993.04297	56099.04131	55985.36719	505671.9	5409583.3
L5670.1	505671.9	5409583.3	8943.09961	358.54	0	48.839197	-86.922702	56095.33	56251.7	-1.72	56093.61	55993.56641	56102.51894	55989.18750	505671.9	5409583.3
L5670.1	505671.9	5409585.1	8943.20020	357.38	0	48.839214	-86.922703	56095.57	56251.7	-1.72	56093.86	55994.18750	56108.37856	55995.39063	505671.9	5409585.1
L5670.1	505671.8	5409587.0	8943.29981	356.29	0	48.839231	-86.922703	56095.25	56251.7	-1.71	56093.54	55994.23047	56100.92744	55988.27734	505671.8	5409587.0
L5670.1	505671.8	5409587.0	8943.40039	357.33	0	48.839231	-86.922703	56095.32	56251.7	-1.71	56093.61	55994.66406	56102.65964	55990.34375	505671.8	5409587.0
L5670.1	505671.8	5409587.0	8943.50000	356.60	0	48.839231	-86.922703	56095.40	56251.7	-1.71	56093.69	55995.10156	56104.67633	55992.69141	505671.8	5409587.0
L5670.1	505671.8	5409588.9	8943.59961	359.53	0	48.839249	-86.922704	56095.28	56251.7	-1.71	56093.57	55995.33203	56102.06132	55990.40234	505671.8	5409588.9
L5670.1	505671.8	5409590.5	8943.70020	362.48	0	48.839263	-86.922704	56095.20	56251.7	-1.71	56093.49	55995.60156	56100.44075	55989.10547	505671.8	5409590.5
L5670.1	505671.7	5409592.2	8943.79981	362.54	0	48.839278	-86.922705	56095.28	56251.7	-1.70	56093.57	55996.02734	56102.62937	55991.61719	505671.7	5409592.2
L5670.1	505671.7	5409592.2	8943.79981	362.54	0	48.839278	-86.922705	56095.58	56251.7	-1.70	56093.88	55996.67969	56110.27053	55999.57813	505671.7	5409592.2
L5670.1	505671.7	5409593.9	8944.00000	364.88	0	48.839293	-86.922705	56095.47	56251.7	-1.70	56093.77	55996.90625	56108.13973	55997.76172	505671.7	5409593.9
L5670.1	505671.6	5409595.4	8944.09961	367.24	0	48.839307	-86.922706	56095.33	56251.7	-1.70	56093.63	55997.10156	56105.37694	55995.31250	505671.6	5409595.4
L5670.1	505671.6	5409597.1	8944.20020	369.36	0	48.839322	-86.922706	56095.27	56251.7	-1.70	56093.57	55997.37109	56104.56241	55994.80469	505671.6	5409597.1
L5670.1	505671.6	5409597.1	8944.29981	369.13	0	48.839322	-86.922706	56095.46	56251.7	-1.70	56093.75	55997.87891	56109.44765	56000.00000	505671.6	5409597.1
L5670.1	505671.6	5409598.4	8944.40039	369.91	0	48.839333	-86.922707	56095.20	56251.7	-1.70	56093.50	55997.95703	56104.33929	55995.19531	505671.6	5409598.4
L5670.1	505671.6	5409600.2	8944.50000	369.89	0	48.839350	-86.922707	56095.15	56251.7	-1.70	56093.45	55998.23047	56103.99960	55995.16016	505671.6	5409600.2
L5670.1	505671.6	5409600.2	8944.59961	369.37	0	48.839350	-86.922707	56095.17	56251.7	-1.71	56093.46	55998.56250	56105.15158	55996.61328	505671.6	5409600.2
L5670.1	505671.6	5409601.9	8944.70020	370.15	0	48.839365	-86.922707	56095.46	56251.7	-1.71	56093.75	55999.16797	56112.95203	56004.71484	505671.6	5409601.9
L5670.1	505671.6	5409603.4	8944.79981	368.87	0	48.839379	-86.922707	56095.23	56251.7	-1.71	56093.52	55999.25781	56108.66164	56000.72266	505671.6	5409603.4
L5670.1	505671.6	5409603.4	8944.90039	367.89	0	48.839379	-86.922707	56095.12	56251.7	-1.71	56093.41	55999.46484	56107.27654	55999.63672	505671.6	5409603.4
L5670.1	505671.6	5409604.7	8945.00000	364.57	0	48.839390	-86.922707	56095.25	56251.7	-1.71	56093.54	55999.91016	56111.61046	56004.26563	505671.6	5409604.7
L5670.1	505671.6	5409606.5	8945.09961	364.61	0	48.839407	-86.922707	56094.97	56251.7	-1.71	56093.26	55999.94531	56106.43788	55999.38672	505671.6	5409606.5
L5670.1	505671.6	5409608.3	8945.20020	364.29	0	48.839423	-86.922707	56094.96	56251.7	-1.72	56093.25	56000.25000	56107.69168	56000.93750	505671.6	5409608.3
L5670.1	505671.6	5409608.3	8945.29981	363.63	0	48.839423	-86.922707	56094.97	56251.7	-1.72	56093.25	56000.56641	56109.28281	56002.82422	505671.6	5409608.3
L5670.1	505671.6	5409609.5	8945.40039	363.89	0	48.839434	-86.922707	56095.23	56251.7	-1.72	56093.50	56001.13281	56116.83583	56010.67188	505671.6	5409609.5
L5670.1	505671.6	5409609.5	8945.50000	361.33	0	48.839434	-86.922707	56094.70	56251.7	-1.72	56092.97	56000.92188	56106.22227	56000.35547	505671.6	5409609.5
L5670.1	505671.6	5409611.3	8945.59961	359.85	0	48.839450	-86.922707	56094.72	56251.7	-1.73	56092.99	56001.25781	56108.60238	56003.03125	505671.6	5409611.3
L5670.1	505671.6	5409612.9	8945.70020	359.24	0	48.839464	-86.922707	56094.74	56251.7	-1.73	56093.01	56001.59766	56111.09262	56005.82031	505671.6	5409612.9
L5670.1	505671.6	5409612.9	8945.79981	359.88	0	48.839464	-86.922707	56094.67	56251.7	-1.73	56092.94	56001.85156	56111.58595	56006.61328	505671.6	5409612.9
L5670.1	505671.6	5409614.7	8945.79981	359.88	0	48.839480	-86.922707	56094.24	56251.7	-1.73	56092.50	56001.73828	56103.52398	55998.85547	505671.6	5409614.7
L5670.1	505671.6	5409616.0	8946.00000	357.58	0	48.839492	-86.922707	56094.46	56251.7	-1.74	56092.72	56002.28906	56111.03817	56006.67188	505671.6	5409616.0
L5670.1	505671.6	5409616.0	8946.09961	357.69	0	48.839492	-86.922707	56094.64	56251.7	-1.74	56092.91	56002.81250	56117.96456	56013.90625	505671.6	5409616.0
L5670.1	505671.6	5409617.4	8946.20020	355.57	0	48.839504	-86.922707	56094.12	56251.7	-1.74	56092.38	56002.62109	56108.13908	56004.38672	505671.6	5409617.4
L5670.1	505671.5	5409618.9	8946.29981	355.44	0	48.839518	-86.922707	56093.96	56251.7	-1.73	56092.22	56002.80469	56107.09839	56003.66016	505671.5	5409618.9
L5670.1	505671.5	5409618.9	8946.40039	356.55	0	48.839518	-86.922707	56093.71	56251.7	-1.73	56091.98	56002.91406	56104.30071	56001.17969	505671.5	5409618.9
L5670.1	505671.5	5409620.4	8946.50000	358.69	0	48.839532	-86.922707	56093.78	56251.7	-1.73	56092.05	56003.33984	56108.88317	56006.08594	505671.5	5409620.4
L5670.1	505671.5	5409620.4	8946.59961	359.08	0	48.839532	-86.922707	56093.53	56251.7	-1.73	56091.80	56003.44922	56106.08675	56003.61328	505671.5	5409620.4
L5670.1	505671.5	5409622.4	8946.70020	359.19	0	48.839549	-86.922707	56093.35	56251.7	-1.73	56091.63	56003.64844	56105.28257	56003.14063	505671.5	5409622.4
L5670.1	505671.5	5409623.4	8946.79981	360.22	0	48.839559	-86.922707	56093.36	56251.7	-1.72	56091.63	56004.02344	56108.57908	56006.77344	505671.5	5409623.4
L5670.1	505671.5	5409624.9	8946.90039	358.27	0	48.839572	-86.922708	56093.30	56251.7	-1.72	56091.58	56004.36328	56110.82204	56009.35938	505671.5	5409624.9
L5670.1	505671.5	5409624.9	8947.00000	358.34	0	48.839572	-86.922708	56093.05	56251.7	-1.72	56091.33	56004.50781	56108.49703	56007.38672	505671.5	5409624.9
L5670.1	505671.5	5409627.6	8947.09961	358.07	0	48.839597	-86.922708	56093.00	56251.7	-1.72	56091.28	56004.86328	56110.97454	56010.21875	505671.5	5409627.6
L5670.1	505671.5	5409627.6	8947.20020	358.18	0	48.839597	-86.922708	56092.97	56251.7	-1.72	56091.25	56005.24609	56114.03702	56013.64453	505671.5	5409627.6
L5670.1	505671.4	5409629.1	8947.29981	360.03	0	48.839610	-86.922708	56092.47	56251.7	-1.72	56090.75	56005.17188	56106.20421	56006.18359	505671.4	5409629.1
L5670.1	505671.4	5409629.1	8947.40039	359.54	0	48.839610	-86.922708	56092.52	56251.7	-1.72	56090.80	56005.66016	56111.37121	56011.73047	505671.4	5409629.1
L5670.1	505671.4	5409630.5	8947.50000	361.04	0	48.839623	-86.922709	56092.09	56251.7	-1.72	56090.37	56005.68359	56105.40665	56006.15625	505671.4	5409630.5
L5670.1	505671.4	5409632.0	8947.59961	363.13	0	48.839636	-86.922709	56091.96	56251.7	-1.72	56090.24	56006.01563	56106.58274	56007.73047	505671.4	5409632.0
L5670.1	505671.4	5409632.0	8947.70020	361.93	0	48.839636	-86.922709	56091.96	56251.7	-1.72	56090.24	56006.49219	56110.91544	56012.47266	505671.4	5409632.0
L5670.1	505671.4	5409633.3	8947.79981	364.76	0	48.839648	-86.922709	56091.61	56251.7	-1.72	56089.89	56006.63281	56107.15804	56009.13281	505671.4	5409633.3
L5670.1	505671.3	5409634.3	8947.79981	364.76	0	48.839657	-86.922710	56091.41	56251.7	-1.72	56089.69	56006.94141	56107.02264	56009.42969	505671.3	5409634.3
L5670.1	505671.3	5409635.5	8948.00000	364.70	0	48.839667	-86.922710	56091.20	56251.7	-1.72	56089.48	56007.25391	56106.75905	56009.60547	505671.3	5409635.5
L5670.1	505671.3	5409635.5	8948.09961	366.22	0	48.839667	-86.922710	56090.63	56251.7	-1.72	56088.91	56007.22266	56098.16572	56001.46484	505671.3	5409635.5
L5670.1	505671.3	5409637.0	8948.20020	366.53	0	48.839681	-86.922710	56090.64	56251.7	-1.72	56088.93	56007.79688	56103.49669	56007.25781	505671.3	5409637.0
L5670.1	505671.3	5409637.0	8948.29981	365.65	0	48.839681	-86.922710	56090.42	56251.7	-1.71	56088.70	56008.14063	56103.07068	56007.30859	505671.3	5409637.0
L5670.1	505671.3	5409638.4	8948.40039	364.71	0	48.839693	-86.922711	56089.92	56251.7	-1.71	56088.21	56008.24219	56096.65112	56001.38281	505671.3	5409638.4
L5670.1	505671.2	5409639.5	8948.50000	363.88	0	48.839704	-86.922711	56089.73	56251.7	-1.71	56088.02	56008.66406	56097.35493	56002.58984	505671.2	5409639.5
L5670.1	505671.2	5409640.8	8948.59961	365.66	0	48.839715	-86.922711	56089.62	56251.7	-1.71	56087.91	56009.18359	56100.02551	56005.77734	505671.2	5409640.8
L5670.1	505671.2	5409640.8	8948.70020	367.31	0	48.839715	-86.922711	56089.28	56251.7	-1.71	56087.58	56009.50000	56097.63193	56003.91406	505671.2	5409640.8
L5670.1	505671.2	5409642.3	8948.79981	366.20	0	48.839728	-86.922711	56088.95	56251.7	-1.70	56087.25	56009.84375	56095.32545	56002.15625	505671.2	5409642.3
L5670.1	505671.2	5409643.4	8948.90039	365.52	0	48.839738	-86.922711	56088.70	56251.7	-1.70	56087.00	56010.28516	56094.97737	56002.37109	505671.2	5409643.4
L5670.1	505671.2	5409644.8	8949.00000	365.05	0	48.839751	-86.922711	56088.42	56251.7	-1.70	56086.72	56010.71875	56094.00765	56001.98047	505671.2	5409644.8
L5670.1	505671.2	5409644.8	8949.09961	363.88	0	48.839751	-86.922711	56088.45	56251.7	-1.70	56086.75	56011.48438	56100.37855	56008.94531	505671.2	5409644.8
L5670.1	505671.2	5409645.8	8949.20020	361.87	0	48.839760	-86.922711	56088.24	56251.7	-1.70	56086.54	56012.03125	56101.20174	56010.37891	505671.2	5409645.8
L5670.1	505671.2	5409645.8	8949.29981	362.57	0	48.839760	-86.922711	56087.91	56251.7	-1.70	56086.21	56012.48438	56099.28526	56009.08984	505671.2	5409645.8
L5670.1	505671.2	5409647.2	8949.40039	366.53	0	48.839773	-86.922711	56087.51	56251.7	-1.70	56085.81	56012.89453	56095.79710	56006.24609	505671.2	5409647.2
L5670.1	505671.2	5409648.3	8949.50000	365.79	0	48.839782	-86.922711	56087.14	56251.7	-1.70	56085.44	56013.35547	56093.07657	56004.19141	505671.2	5409648.3
L5670.1	505671.3	5409649.5	8949.59961	363.51	0	48.839793	-86.922711	56086.97	56251.7	-1.70	56085.27	56014.04297	56095.10283	56006.89844	505671.3	5409649.5
L5670.1	505671.3	5409649.5	8949.70020	363.41	0	48.839793	-86.922711	56086.55	56251.7	-1.70	56084.85	56014.50391	56091.32993	56003.82422	505671.3	5409649.5
L5670.1	505671.3	5409650.7	8949.79981	363.54	0	48.839804	-86.922710	56086.53	56251.7	-1.70	56084.83	56015.39063	56096.98210	56010.19531	505671.3	5409650.7
L5670.1	505671.3	5409651.8	8949.79981	363.54	0	48.839814	-86.922710	56086.07	56251.7	-1.70	56084.37	56015.86719	56092.37656	56006.32813	505671.3	5409651.8
L5670.1	505671.3	5409651.8	8950.00000	360.86	0	48.839814	-86.922710	56085.64	56251.7	-1.70	56083.94	56016.39844	56088.52049	56003.22656	505671.3	5409651.8
L5670.1	505671.3	5409653.1	8950.09961	357.13	0	48.839825	-86.922710	56085.71	56251.7	-1.70	56084.02	56017.46875	56096.65530	56012.14063	505671.3	5409653.1
L5670.1	505671.3	5409653.1	8950.20020	359.46	0	48.839825	-86.922710	56085.26	56251.7	-1.70	56083.56	56018.02734	56092.17833	56008.45703	505671.3	5409653.1
L5670.1	505671.3	5409654.3	8950.29981	361.33	0	48.839836	-86.922710	56084.80	56251.7	-1.69	56083.11	56018.62109	56087.97085	56005.06641	505671.3	5409654.3
L5670.1	505671.3	5409655.2	8950.40039	362.75	0	48.839845	-86.922710	56084.66	56251.7	-1.69	56082.97	56019.55859	56091.05724	56008.99219	505671.3	5409655.2
L5670.1	505671.3	5409655.2	8950.50000	362.30	0	48.839845	-86.922710	56084.45	56251.7	-1.69	56082.75	56020.44141	56092.29691	56011.08984	505671.3	5409655.2
L5670.1	505671.3	5409656.3	8950.59961	362.88	0	48.839854	-86.922710	56083.90	56251.7	-1.69	56082.21	56021.03125	56086.06340	56005.73438	505671.3	5409656.3
L5670.1	505671.3	5409657.2	8950.70020	364.64	0	48.839862	-86.922710	56083.77	56251.7	-1.69	56082.08	56022.06641	56089.45487	56010.02344	505671.3	5409657.2
L5670.1	505671.3	5409657.2	8950.79981	366.90	0	48.839862	-86.922710	56083.43	56251.7	-1.68	56081.75	56022.92578	56088.17669	56009.66797	505671.3	5409657.2
L5670.1	505671.2	5409658.2	8950.90039	365.90	0	48.839872	-86.922711	56083.06	56251.7	-1.68	56081.38	56023.77734	56085.97341	56008.41016	505671.2	5409658.2
L5670.1	505671.2	5409659.1	8951.00000	365.07	0	48.839879	-86.922711	56082.96	56251.7	-1.68	56081.28	56024.92969	56090.10370	56013.50391	505671.2	5409659.1
L5670.1	505671.3	5409660.1	8951.09961	365.26	0	48.839888	-86.922710	56082.38	56251.7	-1.68	56080.70	56025.63281	56082.99314	56007.37891	505671.3	5409660.1
L5670.1	505671.3	5409660.1	8951.20020	365.46	0	48.839888	-86.922710	56082.42	56251.7	-1.68	56080.74	56026.98828	56090.40818	56015.80078	505671.3	5409660.1
L5670.1	505671.3	5409661.2	8951.29981	366.92	0	48.839898	-86.922710	56081.77	56251.7	-1.68	56080.10	56027.69141	56081.88938	56008.31250	505671.3	5409661.2
L5670.1	505671.3	5409662.0	8951.40039	362.97	0	48.839906	-86.922710	56081.71	56251.7	-1.68	56080.04	56029.00391	56086.95165	56014.42969	505671.3	5409662.0
L5670.1	505671.3	5409662.0	8951.50000	359.94	0	48.839906	-86.922710	56081.37	56251.7	-1.68	56079.69	56030.06250	56085.20947	56013.76172	505671.3	5409662.0

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5670.1	505671.3	5409662.9	8951.59961	360.83	0	48.839914	-86.922710	56080.84	56251.7	-1.67	56079.16	56030.96875	56079.23629	56008.88281	505671.3	5409662.9
L5670.1	505671.3	5409662.9	8951.70020	358.65	0	48.839914	-86.922710	56080.52	56251.7	-1.67	56078.85	56032.12891	56078.39960	56009.16406	505671.3	5409662.9
L5670.1	505671.3	5409664.0	8951.79981	360.41	0	48.839923	-86.922710	56080.45	56251.7	-1.67	56078.78	56033.55469	56083.16452	56015.07031	505671.3	5409664.0
L5670.1	505671.3	5409665.0	8951.79981	360.41	0	48.839932	-86.922710	56079.85	56251.7	-1.67	56078.18	56034.48828	56075.48853	56008.55469	505671.3	5409665.0
L5670.1	505671.2	5409665.6	8952.00000	363.79	0	48.839939	-86.922710	56079.70	56251.7	-1.67	56078.03	56035.89844	56078.32732	56012.57813	505671.2	5409665.6
L5670.1	505671.2	5409665.6	8952.09961	363.75	0	48.839939	-86.922710	56079.42	56251.7	-1.67	56077.75	56037.21094	56078.08976	56013.54688	505671.2	5409665.6
L5670.1	505671.3	5409666.4	8952.20020	362.42	0	48.839945	-86.922710	56079.29	56251.7	-1.67	56077.62	56038.70313	56081.33247	56018.01953	505671.3	5409666.4
L5670.1	505671.3	5409667.1	8952.29981	364.73	0	48.839952	-86.922710	56078.63	56251.7	-1.67	56076.96	56039.69922	56072.12180	56010.05859	505671.3	5409667.1
L5670.1	505671.3	5409667.1	8952.40039	367.29	0	48.839952	-86.922710	56078.38	56251.7	-1.67	56076.72	56041.14453	56072.71099	56011.92188	505671.3	5409667.1
L5670.1	505671.3	5409667.7	8952.50000	365.48	0	48.839957	-86.922710	56078.00	56251.7	-1.67	56076.33	56042.46875	56069.74362	56010.24609	505671.3	5409667.7
L5670.1	505671.3	5409668.5	8952.59961	365.66	0	48.839964	-86.922710	56077.82	56251.7	-1.66	56076.16	56044.04297	56071.88522	56013.70313	505671.3	5409668.5
L5670.1	505671.3	5409669.3	8952.70020	364.23	0	48.839971	-86.922710	56077.65	56251.7	-1.66	56075.99	56045.64844	56073.97922	56017.13281	505671.3	5409669.3
L5670.1	505671.3	5409669.3	8952.79981	364.52	0	48.839971	-86.922710	56077.09	56251.7	-1.66	56075.42	56046.88281	56066.65226	56011.16406	505671.3	5409669.3
L5670.1	505671.3	5409670.1	8952.90039	363.37	0	48.839979	-86.922710	56077.06	56251.7	-1.66	56075.40	56048.69922	56072.15816	56018.05078	505671.3	5409670.1
L5670.1	505671.3	5409670.9	8953.00000	362.72	0	48.839986	-86.922709	56076.69	56251.7	-1.66	56075.03	56050.19141	56069.41006	56016.69922	505671.3	5409670.9
L5670.1	505671.4	5409671.5	8953.09961	363.80	0	48.839992	-86.922709	56076.56	56251.7	-1.66	56074.90	56051.95703	56072.22818	56020.93750	505671.4	5409671.5
L5670.1	505671.4	5409671.5	8953.20020	364.75	0	48.839992	-86.922709	56076.15	56251.7	-1.66	56074.49	56053.46875	56068.42838	56018.57813	505671.4	5409671.5
L5670.1	505671.4	5409672.3	8953.29981	361.87	0	48.839998	-86.922708	56075.95	56251.7	-1.66	56074.29	56055.21484	56069.48839	56021.09766	505671.4	5409672.3
L5670.1	505671.4	5409672.8	8953.40039	360.84	0	48.840003	-86.922708	56075.74	56251.7	-1.66	56074.08	56056.98438	56070.25259	56023.33984	505671.4	5409672.8
L5670.1	505671.4	5409672.8	8953.50000	362.09	0	48.840003	-86.922708	56075.47	56251.7	-1.67	56073.81	56058.71875	56069.54817	56024.13672	505671.4	5409672.8
L5670.1	505671.4	5409673.5	8953.59961	362.75	0	48.840009	-86.922708	56075.14	56251.7	-1.67	56073.48	56060.41797	56067.37385	56023.48047	505671.4	5409673.5
L5670.1	505671.5	5409674.0	8953.70020	363.12	0	48.840014	-86.922708	56074.82	56251.7	-1.67	56073.15	56062.14453	56065.13413	56022.77734	505671.5	5409674.0
L5670.1	505671.5	5409674.6	8953.79981	363.63	0	48.840019	-86.922707	56074.61	56251.7	-1.67	56072.95	56064.03125	56065.87358	56025.07031	505671.5	5409674.6
L5670.1	505671.5	5409674.6	8953.79981	363.63	0	48.840019	-86.922707	56074.23	56251.7	-1.67	56072.56	56065.75000	56062.09454	56022.86328	505671.5	5409674.6
L5670.1	505671.5	5409675.1	8954.00000	363.91	0	48.840024	-86.922707	56073.88	56251.7	-1.67	56072.21	56067.53125	56059.18465	56021.54688	505671.5	5409675.1
L5670.1	505671.5	5409675.7	8954.09961	364.83	0	48.840030	-86.922707	56073.88	56251.7	-1.67	56072.21	56069.68750	56064.40585	56028.37500	505671.5	5409675.7
L5670.1	505671.5	5409676.4	8954.20020	363.65	0	48.840035	-86.922706	56073.75	56251.7	-1.67	56072.08	56071.73828	56066.51254	56032.10547	505671.5	5409676.4
L5670.1	505671.5	5409676.4	8954.29981	362.82	0	48.840035	-86.922706	56073.38	56251.7	-1.66	56071.71	56073.57422	56062.92742	56030.16016	505671.5	5409676.4
L5670.1	505671.6	5409676.8	8954.40039	364.58	0	48.840039	-86.922706	56072.76	56251.7	-1.66	56071.10	56075.18750	56053.65036	56022.53906	505671.6	5409676.8
L5670.1	505671.6	5409677.4	8954.50000	366.13	0	48.840044	-86.922706	56072.36	56251.7	-1.66	56070.70	56077.03516	56049.22373	56019.78516	505671.6	5409677.4
L5670.1	505671.6	5409677.4	8954.59961	367.26	0	48.840044	-86.922706	56072.31	56251.7	-1.66	56070.65	56079.25391	56052.92753	56025.17578	505671.6	5409677.4
L5670.1	505671.6	5409677.9	8954.70020	365.53	0	48.840049	-86.922706	56072.38	56251.7	-1.66	56070.72	56081.61328	56059.37370	56033.32422	505671.6	5409677.9
L5670.1	505671.6	5409677.9	8954.79981	364.37	0	48.840049	-86.922706	56072.46	56251.7	-1.65	56070.81	56084.00781	56066.21992	56041.88281	505671.6	5409677.9
L5670.1	505671.6	5409678.5	8954.90039	363.15	0	48.840054	-86.922705	56072.14	56251.7	-1.65	56070.49	56086.01563	56063.39291	56040.78516	505671.6	5409678.5
L5670.1	505671.6	5409678.9	8955.00000	363.54	0	48.840058	-86.922705	56071.90	56251.7	-1.65	56070.25	56088.11719	56062.37279	56041.50391	505671.6	5409678.9
L5670.1	505671.6	5409679.2	8955.09961	360.31	0	48.840061	-86.922705	56071.82	56251.7	-1.65	56070.17	56090.39844	56065.03455	56045.92188	505671.6	5409679.2
L5670.1	505671.6	5409679.2	8955.20020	359.64	0	48.840061	-86.922705	56071.43	56251.7	-1.66	56069.77	56092.37500	56060.13390	56042.78125	505671.6	5409679.2
L5670.1	505671.6	5409679.7	8955.29981	361.80	0	48.840065	-86.922705	56071.20	56251.7	-1.67	56069.53	56094.52344	56058.91703	56043.33984	505671.6	5409679.7
L5670.1	505671.7	5409680.1	8955.40039	363.09	0	48.840068	-86.922704	56070.89	56251.7	-1.67	56069.22	56096.61719	56055.99676	56042.20703	505671.7	5409680.1
L5670.1	505671.7	5409680.1	8955.50000	364.06	0	48.840068	-86.922704	56071.02	56251.7	-1.68	56069.34	56099.15625	56063.08804	56051.08984	505671.7	5409680.1
L5670.1	505671.7	5409680.5	8955.59961	367.52	0	48.840072	-86.922704	56070.76	56251.7	-1.68	56069.08	56101.32813	56061.21592	56051.02344	505671.7	5409680.5
L5670.1	505671.7	5409680.9	8955.70020	369.38	0	48.840076	-86.922704	56070.54	56251.7	-1.68	56068.86	56103.54688	56060.22137	56051.83984	505671.7	5409680.9
L5670.1	505671.7	5409680.9	8955.79981	370.35	0	48.840076	-86.922704	56070.08	56251.7	-1.69	56068.39	56105.53125	56053.31191	56046.75000	505671.7	5409680.9
L5670.1	505671.7	5409681.1	8955.79981	370.35	0	48.840078	-86.922703	56070.24	56251.7	-1.69	56068.55	56108.15234	56061.10530	56056.36719	505671.7	5409681.1
L5670.1	505671.7	5409681.1	8956.00000	368.95	0	48.840078	-86.922703	56069.70	56251.7	-1.70	56068.00	56110.07031	56052.21037	56049.30469	505671.7	5409681.1
L5670.1	505671.8	5409681.5	8956.09961	371.26	0	48.840081	-86.922703	56069.66	56251.7	-1.70	56067.96	56112.50781	56055.21035	56054.14063	505671.8	5409681.5
L5670.1	505671.8	5409681.7	8956.20020	369.17	0	48.840083	-86.922703	56069.39	56251.7	-1.69	56067.70	56114.73047	56053.00498	56053.77734	505671.8	5409681.7
L5670.1	505671.8	5409681.7	8956.29981	366.62	0	48.840083	-86.922703	56069.32	56251.7	-1.69	56067.63	56117.14844	56055.20136	56057.81641	505671.8	5409681.7
L5670.1	505671.8	5409681.9	8956.40039	368.17	0	48.840085	-86.922702	56069.48	56251.7	-1.69	56067.79	56119.80078	56062.73847	56067.20313	505671.8	5409681.9
L5670.1	505671.9	5409682.1	8956.50000	368.64	0	48.840087	-86.922702	56069.18	56251.7	-1.68	56067.49	56122.00000	56059.45329	56065.76953	505671.9	5409682.1
L5670.1	505671.9	5409682.3	8956.59961	365.73	0	48.840088	-86.922701	56069.55	56251.7	-1.68	56067.86	56124.86719	56071.82084	56079.98828	505671.9	5409682.3
L5670.1	505671.9	5409682.3	8956.70020	364.29	0	48.840088	-86.922701	56069.40	56251.7	-1.68	56067.72	56127.22656	56072.19870	56082.21875	505671.9	5409682.3
L5670.2	505672.0	5410049.5	13321.50000	427.22	0	48.843391	-86.922695	56912.43	56251	-0.96	56911.47	56912.17188	56618.93791	56649.93750	505672.0	5410049.5
L5670.2	505672.0	5410049.5	13321.59961	421.80	0	48.843391	-86.922695	56912.07	56251	-0.97	56911.11	56911.92188	56635.13758	56665.43750	505672.0	5410049.5
L5670.2	505672.0	5410049.2	13321.70020	421.35	0	48.843389	-86.922695	56911.69	56251	-0.97	56910.72	56911.64063	56650.36530	56679.96875	505672.0	5410049.2
L5670.2	505672.0	5410049.2	13321.79981	421.28	0	48.843389	-86.922695	56911.18	56251	-0.97	56910.21	56911.23828	56662.27456	56691.18359	505672.0	5410049.2
L5670.2	505672.0	5410049.0	13321.90039	421.11	0	48.843387	-86.922695	56910.96	56251	-0.97	56909.99	56911.12500	56681.55211	56709.76563	505672.0	5410049.0
L5670.2	505671.9	5410048.8	13322.00000	420.77	0	48.843385	-86.922696	56910.53	56251	-0.97	56909.56	56910.80469	56695.16745	56722.69141	505671.9	5410048.8
L5670.2	505671.9	5410048.8	13322.09961	419.84	0	48.843385	-86.922696	56910.17	56251	-0.97	56909.20	56910.55469	56710.42132	56737.25391	505671.9	5410048.8
L5670.2	505671.9	5410048.3	13322.20020	419.77	0	48.843381	-86.922696	56909.76	56251	-0.96	56908.79	56910.25391	56724.18997	56750.33984	505671.9	5410048.3
L5670.2	505671.9	5410048.3	13322.20020	419.77	0	48.843381	-86.922696	56909.52	56251	-0.96	56908.56	56910.13281	56742.47330	56767.94141	505671.9	5410048.3
L5670.2	505671.9	5410047.9	13322.40039	422.97	0	48.843378	-86.922696	56909.04	56251	-0.96	56908.08	56909.76172	56754.07007	56778.86328	505671.9	5410047.9
L5670.2	505671.9	5410047.9	13322.50000	425.94	0	48.843378	-86.922696	56908.96	56251	-0.96	56908.00	56909.79297	56775.92949	56800.05078	505671.9	5410047.9
L5670.2	505671.9	5410047.7	13322.59961	424.27	0	48.843375	-86.922696	56908.68	56251	-0.95	56907.72	56909.62109	56792.42180	56815.87891	505671.9	5410047.7
L5670.2	505671.9	5410047.4	13322.70020	426.01	0	48.843373	-86.922696	56908.29	56250.9	-0.95	56907.34	56909.35156	56806.16331	56828.96094	505671.9	5410047.4
L5670.2	505671.9	5410047.0	13322.79981	424.57	0	48.843369	-86.922696	56908.14	56250.9	-0.95	56907.19	56909.31250	56825.76627	56847.91406	505671.9	5410047.0
L5670.2	505671.9	5410047.0	13322.90039	422.08	0	48.843369	-86.922696	56907.80	56250.9	-0.94	56906.86	56909.09375	56840.55663	56862.05859	505671.9	5410047.0
L5670.2	505672.0	5410046.6	13323.00000	422.78	0	48.843365	-86.922695	56907.67	56250.9	-0.94	56906.73	56909.07813	56860.45215	56881.31641	505672.0	5410046.6
L5670.2	505672.0	5410046.1	13323.09961	424.92	0	48.843361	-86.922695	56907.34	56250.9	-0.94	56906.40	56908.85938	56875.04171	56895.28125	505672.0	5410046.1
L5670.2	505672.0	5410045.6	13323.20020	423.67	0	48.843356	-86.922695	56907.18	56250.9	-0.94	56906.24	56908.81250	56893.98471	56913.60547	505672.0	5410045.6
L5670.2	505672.0	5410045.6	13323.29981	425.81	0	48.843356	-86.922695	56906.80	56250.9	-0.94	56905.86	56908.54688	56907.13286	56926.14453	505672.0	5410045.6
L5670.2	505672.0	5410045.1	13323.40039	425.52	0	48.843352	-86.922694	56906.36	56250.9	-0.94	56905.42	56908.22266	56918.67427	56937.08594	505672.0	5410045.1
L5670.2	505672.1	5410044.6	13323.50000	428.59	0	48.843347	-86.922694	56906.00	56250.9	-0.93	56905.06	56907.97656	56932.27679	56950.10156	505672.1	5410044.6
L5670.2	505672.1	5410043.9	13323.59961	425.35	0	48.843341	-86.922693	56905.45	56250.9	-0.93	56904.52	56907.55469	56941.18364	56958.42969	505672.1	5410043.9
L5670.2	505672.1	5410043.9	13323.70020	424.70	0	48.843341	-86.922693	56905.10	56250.9	-0.93	56904.16	56907.30859	56954.79882	56971.48047	505672.1	5410043.9
L5670.2	505672.2	5410043.3	13323.79981	421.22	0	48.843336	-86.922693	56904.43	56250.9	-0.93	56903.49	56906.75781	56960.37273	56976.50000	505672.2	5410043.3
L5670.2	505672.2	5410043.3	13323.90039	422.46	0	48.843336	-86.922693	56903.63	56250.9	-0.93	56902.70	56906.08594	56962.88034	56978.46484	505672.2	5410043.3
L5670.2	505672.2	5410042.6	13324.00000	422.30	0	48.843330	-86.922692	56902.93	56250.9	-0.93	56902.00	56905.50781	56967.81881	56982.87500	505672.2	5410042.6
L5670.2	505672.3	5410042.0	13324.09961	424.89	0	48.843324	-86.922691	56902.42	56250.9	-0.93	56901.49	56905.11719	56977.81907	56992.35938	505672.3	5410042.0
L5670.2	505672.4	5410041.3	13324.20020	424.45	0	48.843318	-86.922689	56901.77	56250.9	-0.93	56900.84	56904.58984	56984.30528	56998.34375	505672.4	5410041.3
L5670.2	505672.4	5410041.3	13324.20020	424.45	0	48.843318	-86.922689	56900.16	56250.9	-0.93	56899.22	56903.08984	56965.67031	56979.21875	505672.4	5410041.3
L5670.2	505672.5	5410040.6	13324.40039	424.16	0	48.843312	-86.922688	56899.18	56250.9	-0.93	56898.24	56902.23438	56963.90429	56976.98047	505672.5	5410040.6
L5670.2	505672.6	5410040.0	13324.50000	421.93	0	48.843306	-86.922687	56898.71	56250.9	-0.93	56897.78	56901.89844	56975.90706	56988.52344	505672.6	5410040.0
L5670.2	505672.6	5410040.0	13324.59961	423.30	0	48.843306	-86.922687	56897.91	56250.9	-0.94	56896.97	56901.21484	56979.03096	56991.19922	505672.6	5410040.0
L5670.2	505672.7	5410039.4	13324.70020	424.02	0	48.843301	-86.922686	56897.22	56250.9	-0.94	56896.28	56900.65234	56985.55490	56997.29297	505672.7	5410039.4
L5670.2	505672.7	5410038.8	13324.79981	426.66	0	48.843296	-86.922685	56896.49	56250.9	-0.94	56895.55	56900.05078	56991.33793	57002.66406	505672.7	5410038.8
L5670.2	505672.7	5410038.8	13324.90039	427.31	0	48.843296	-86.922685	56895.90	56250.9	-0.94	56894.96	56899.58984	57001.10140	57012.02734	505672.7	5410038.8
L5670.2	505672.8	5410038.2	13325.00000	427.57	0	48.843290	-86.922684	56895.11	56250.9	-0.94	56894.17	56898.92969	57006.01375	57016.55469	505672.8	5410038.2
L5670.2	505672.9	5410037.5	13325.09961	425.51	0	48.843284	-86.922682	56894.52	56250.9	-0.94	56893.58	56898.46875	57016.53129	57026.70703	505672.9	5410037.5
L5670.2	505673.0	5410036.9	13325.20020	428.17	0	48.843278	-86.922681	56893.79	56250.9	-0.94	56892.86	56897.88281	57024.08385	57033.90625	505673.0	5410036.9
L5670.2	505673.0	5410036.9	13325.29981	429.84	0	48.843278	-86.922681	56893.51	56250.9	-0.93	56892.57	56897.72656	57043.29865	57052.78516	505673.0	5410036.9
L5670.2	505673.1	5410036.4	13325.40039	431.04	0	48.843274	-86.922680	56892.79	56250.9	-0.93	56891.85	56897.14453	57051.79204	57060.96094	505673.1	5410036.4
L5670.2	505673.1	5410035.8	13325.50000	434.99	0	48.843268	-86.922680	56892.27	56250.9	-0.93	56891.34	56896.76953	57066.27681	57075.14453	505673.1	5410035.8

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5670.2	505673.2	5410035.2	13325.59961	433.82	0	48.843263	-86.922679	56891.86	56250.9	-0.93	56890.93	56896.50000	57083.91778	57092.50000	505673.2	5410035.2
L5670.2	505673.2	5410035.2	13325.70020	432.40	0	48.843263	-86.922679	56891.40	56250.9	-0.93	56890.47	56896.17969	57100.83726	57109.15234	505673.2	5410035.2
L5670.2	505673.2	5410034.5	13325.79981	430.12	0	48.843257	-86.922679	56891.08	56250.9	-0.92	56890.16	56896.01172	57122.28008	57130.34375	505673.2	5410034.5
L5670.2	505673.2	5410034.0	13325.90039	426.29	0	48.843253	-86.922678	56890.44	56250.9	-0.92	56889.52	56895.51172	57135.76739	57143.59375	505673.2	5410034.0
L5670.2	505673.2	5410033.4	13326.00000	427.90	0	48.843247	-86.922678	56889.95	56250.9	-0.92	56889.03	56895.16797	57153.84191	57161.45313	505673.2	5410033.4
L5670.2	505673.2	5410033.4	13326.09961	426.48	0	48.843247	-86.922678	56889.63	56250.9	-0.92	56888.71	56894.99219	57177.05669	57184.46484	505673.2	5410033.4
L5670.2	505673.2	5410032.6	13326.20020	422.64	0	48.843240	-86.922678	56889.00	56250.9	-0.92	56888.09	56894.51953	57193.19318	57200.41797	505673.2	5410032.6
L5670.2	505673.2	5410031.8	13326.20020	422.64	0	48.843233	-86.922679	56888.10	56250.9	-0.92	56887.18	56893.75781	57202.54340	57209.60156	505673.2	5410031.8
L5670.2	505673.2	5410031.8	13326.40039	422.60	0	48.843233	-86.922679	56887.10	56250.9	-0.91	56886.19	56892.91797	57210.61195	57217.51953	505673.2	5410031.8
L5670.2	505673.2	5410031.0	13326.50000	421.08	0	48.843226	-86.922679	56886.02	56250.9	-0.91	56885.11	56891.99219	57217.16897	57223.94531	505673.2	5410031.0
L5670.2	505673.1	5410030.3	13326.59961	420.19	0	48.843219	-86.922680	56885.11	56250.9	-0.91	56884.20	56891.23438	57229.02157	57235.67969	505673.1	5410030.3
L5670.2	505673.1	5410030.3	13326.70020	417.81	0	48.843219	-86.922680	56884.01	56250.9	-0.91	56883.10	56890.28906	57236.81667	57243.37500	505673.1	5410030.3
L5670.2	505673.1	5410029.3	13326.79981	417.70	0	48.843210	-86.922680	56882.62	56250.9	-0.90	56881.71	56889.05469	57237.97741	57244.45313	505673.1	5410029.3
L5670.2	505673.0	5410028.6	13326.90039	419.33	0	48.843204	-86.922681	56881.13	56250.9	-0.90	56880.22	56887.72266	57237.48502	57243.89453	505673.0	5410028.6
L5670.2	505673.0	5410027.7	13327.00000	419.74	0	48.843195	-86.922682	56879.42	56250.9	-0.90	56878.52	56886.18359	57232.50095	57238.85938	505673.0	5410027.7
L5670.2	505673.0	5410027.7	13327.09961	420.10	0	48.843195	-86.922682	56877.70	56250.9	-0.90	56876.80	56884.62500	57228.00531	57234.32813	505673.0	5410027.7
L5670.2	505672.9	5410026.8	13327.20020	422.53	0	48.843188	-86.922682	56875.82	56250.9	-0.90	56874.92	56882.91016	57220.37640	57226.67969	505672.9	5410026.8
L5670.2	505672.9	5410025.8	13327.29981	422.57	0	48.843178	-86.922683	56874.22	56250.9	-0.91	56873.32	56881.47656	57221.10907	57227.41016	505672.9	5410025.8
L5670.2	505672.9	5410025.0	13327.40039	421.62	0	48.843171	-86.922684	56872.32	56250.9	-0.91	56871.41	56879.73047	57214.85139	57221.16797	505672.9	5410025.0
L5670.2	505672.9	5410025.0	13327.50000	419.55	0	48.843171	-86.922684	56870.48	56250.9	-0.91	56869.57	56878.05859	57211.53290	57217.87500	505672.9	5410025.0
L5670.2	505672.8	5410024.0	13327.59961	419.58	0	48.843162	-86.922684	56868.43	56250.9	-0.91	56867.51	56876.16797	57203.61940	57210.00391	505672.8	5410024.0
L5670.2	505672.8	5410023.0	13327.70020	419.03	0	48.843153	-86.922685	56866.49	56250.9	-0.91	56865.58	56874.41016	57200.25694	57206.69531	505672.8	5410023.0
L5670.2	505672.8	5410021.7	13327.79981	420.71	0	48.843142	-86.922685	56864.39	56250.9	-0.92	56863.47	56872.47656	57193.38838	57199.89844	505672.8	5410021.7
L5670.2	505672.8	5410021.7	13327.90039	422.09	0	48.843142	-86.922685	56862.09	56250.9	-0.92	56861.17	56870.35156	57182.77497	57189.37109	505672.8	5410021.7
L5670.2	505672.7	5410020.8	13328.00000	420.96	0	48.843133	-86.922685	56859.88	56250.9	-0.92	56858.96	56868.31641	57175.73566	57182.42969	505672.7	5410020.8
L5670.2	505672.7	5410019.5	13328.09961	423.07	0	48.843122	-86.922686	56857.51	56250.9	-0.92	56856.59	56866.12500	57165.77449	57172.58203	505672.7	5410019.5
L5670.2	505672.7	5410019.5	13328.20020	422.22	0	48.843122	-86.922686	56855.19	56250.9	-0.92	56854.28	56863.99609	57158.64470	57165.57422	505672.7	5410019.5
L5670.2	505672.7	5410018.4	13328.20020	422.22	0	48.843112	-86.922686	56852.44	56250.9	-0.92	56851.52	56861.41797	57141.07174	57148.14063	505672.7	5410018.4
L5670.2	505672.7	5410017.2	13328.40039	424.56	0	48.843101	-86.922686	56850.20	56250.9	-0.91	56849.28	56859.35938	57138.35501	57145.57422	505672.7	5410017.2
L5670.2	505672.7	5410017.2	13328.50000	424.68	0	48.843101	-86.922686	56848.16	56250.9	-0.91	56847.25	56857.51563	57142.43081	57149.80859	505672.7	5410017.2
L5670.2	505672.7	5410016.2	13328.59961	422.41	0	48.843092	-86.922686	56845.69	56250.9	-0.91	56844.78	56855.23047	57136.37257	57143.92578	505672.7	5410016.2
L5670.2	505672.7	5410015.0	13328.70020	421.61	0	48.843081	-86.922686	56843.04	56250.9	-0.91	56842.13	56852.76953	57126.97111	57134.70703	505672.7	5410015.0
L5670.2	505672.7	5410015.0	13328.79981	420.59	0	48.843081	-86.922686	56840.31	56250.9	-0.90	56839.40	56850.23047	57116.84589	57124.77734	505672.7	5410015.0
L5670.2	505672.7	5410013.5	13328.90039	419.62	0	48.843068	-86.922686	56837.68	56250.9	-0.90	56836.78	56847.80078	57110.96113	57119.09766	505672.7	5410013.5
L5670.2	505672.7	5410012.3	13329.00000	417.87	0	48.843057	-86.922686	56834.80	56250.9	-0.90	56833.90	56845.11328	57099.68403	57108.03516	505672.7	5410012.3
L5670.2	505672.7	5410012.3	13329.09961	417.41	0	48.843057	-86.922686	56832.25	56250.9	-0.90	56831.35	56842.75781	57098.40230	57106.97656	505672.7	5410012.3
L5670.2	505672.7	5410011.2	13329.20020	418.32	0	48.843047	-86.922686	56829.52	56250.9	-0.90	56828.62	56840.22656	57093.83199	57102.63672	505672.7	5410011.2
L5670.2	505672.7	5410010.2	13329.29981	420.94	0	48.843038	-86.922686	56826.68	56250.9	-0.90	56825.78	56837.58203	57087.80530	57096.85156	505672.7	5410010.2
L5670.2	505672.7	5410009.1	13329.40039	422.33	0	48.843028	-86.922686	56823.60	56250.9	-0.90	56822.70	56834.70313	57076.94047	57086.23438	505672.7	5410009.1
L5670.2	505672.7	5410009.1	13329.50000	421.20	0	48.843028	-86.922686	56820.76	56250.9	-0.91	56819.86	56832.06250	57073.75383	57083.30469	505672.7	5410009.1
L5670.2	505672.7	5410007.5	13329.59961	419.34	0	48.843014	-86.922685	56817.86	56250.9	-0.91	56816.95	56829.35547	57070.16988	57079.98438	505672.7	5410007.5
L5670.2	505672.8	5410006.6	13329.70020	419.84	0	48.843006	-86.922685	56814.69	56250.9	-0.91	56813.78	56826.38672	57061.23976	57071.32422	505672.8	5410006.6
L5670.2	505672.8	5410006.6	13329.79981	420.80	0	48.843006	-86.922685	56811.26	56250.9	-0.91	56810.35	56823.16016	57046.96571	57057.32813	505672.8	5410006.6
L5670.2	505672.8	5410005.4	13329.90039	416.12	0	48.842995	-86.922685	56807.98	56250.9	-0.91	56807.07	56820.08594	57038.03520	57048.67969	505672.8	5410005.4
L5670.2	505672.8	5410005.4	13330.00000	415.36	0	48.842995	-86.922685	56804.93	56250.9	-0.91	56804.02	56817.24609	57036.53341	57047.46094	505672.8	5410005.4
L5670.2	505672.8	5410004.4	13330.09961	413.95	0	48.842986	-86.922685	56801.75	56250.9	-0.91	56800.84	56814.27344	57033.07627	57044.29688	505672.8	5410004.4
L5670.2	505672.8	5410003.1	13330.20020	418.59	0	48.842975	-86.922685	56798.34	56250.9	-0.91	56797.43	56811.07422	57025.05529	57036.57031	505672.8	5410003.1
L5670.2	505672.8	5410002.0	13330.20020	418.59	0	48.842964	-86.922684	56794.81	56250.9	-0.91	56793.90	56807.75391	57015.33441	57027.14844	505672.8	5410002.0
L5670.2	505672.8	5410002.0	13330.40039	418.18	0	48.842964	-86.922684	56791.20	56250.9	-0.91	56790.29	56804.35547	57004.95204	57017.06641	505672.8	5410002.0
L5670.2	505672.8	5410000.5	13330.50000	418.02	0	48.842951	-86.922684	56787.59	56250.9	-0.91	56786.68	56800.95703	56995.98812	57008.40625	505672.8	5410000.5
L5670.2	505672.9	5409999.2	13330.59961	419.58	0	48.842940	-86.922684	56783.97	56250.9	-0.91	56783.06	56797.55078	56988.17579	57000.90234	505672.9	5409999.2
L5670.2	505672.9	5409999.2	13330.70020	419.80	0	48.842940	-86.922684	56780.46	56250.9	-0.91	56779.55	56794.25781	56984.63552	56997.67188	505672.9	5409999.2
L5670.2	505672.9	5409998.1	13330.79981	421.91	0	48.842929	-86.922684	56776.75	56250.9	-0.91	56775.84	56790.76172	56977.27921	56990.62500	505672.9	5409998.1
L5670.2	505672.9	5409997.0	13330.90039	419.80	0	48.842919	-86.922683	56772.95	56250.9	-0.91	56772.03	56787.16797	56968.70407	56982.35938	505672.9	5409997.0
L5670.2	505672.9	5409997.0	13331.00000	420.16	0	48.842919	-86.922683	56769.08	56250.9	-0.91	56768.17	56783.52734	56960.20314	56974.16797	505672.9	5409997.0
L5670.2	505672.9	5409995.7	13331.09961	422.81	0	48.842907	-86.922683	56765.27	56250.9	-0.91	56764.37	56779.94531	56954.63237	56968.91016	505672.9	5409995.7
L5670.2	505672.9	5409994.4	13331.20020	423.70	0	48.842896	-86.922683	56761.20	56250.9	-0.90	56760.29	56776.08594	56943.11789	56957.70313	505672.9	5409994.4
L5670.2	505672.9	5409994.4	13331.29981	423.09	0	48.842896	-86.922683	56757.34	56250.9	-0.90	56756.44	56772.45313	56938.93946	56953.83594	505672.9	5409994.4
L5670.2	505672.9	5409992.8	13331.40039	420.21	0	48.842882	-86.922683	56753.19	56250.9	-0.90	56752.29	56768.52344	56928.26919	56943.47266	505672.9	5409992.8
L5670.2	505673.0	5409991.6	13331.50000	423.75	0	48.842871	-86.922682	56749.00	56250.9	-0.89	56748.10	56764.55469	56917.86904	56933.37891	505673.0	5409991.6
L5670.2	505673.0	5409990.5	13331.59961	421.58	0	48.842861	-86.922682	56745.11	56250.9	-0.89	56744.22	56760.89453	56916.84583	56932.65625	505673.0	5409990.5
L5670.2	505673.0	5409990.5	13331.70020	422.32	0	48.842861	-86.922682	56740.93	56250.9	-0.89	56740.04	56756.93750	56909.28396	56925.39844	505673.0	5409990.5
L5670.2	505673.0	5409989.1	13331.79981	422.62	0	48.842849	-86.922682	56736.51	56250.9	-0.89	56735.63	56752.75000	56896.99064	56913.40234	505673.0	5409989.1
L5670.2	505673.0	5409987.7	13331.90039	423.76	0	48.842836	-86.922681	56732.28	56250.9	-0.88	56731.40	56748.74219	56890.63408	56907.33984	505673.0	5409987.7
L5670.2	505673.0	5409987.7	13332.00000	424.07	0	48.842836	-86.922681	56727.94	56250.9	-0.88	56727.06	56744.62500	56882.63678	56899.63281	505673.0	5409987.7
L5670.2	505673.1	5409986.3	13332.09961	422.23	0	48.842823	-86.922681	56723.61	56250.9	-0.88	56722.72	56740.50781	56875.84613	56893.12891	505673.1	5409986.3
L5670.2	505673.1	5409985.4	13332.20020	421.14	0	48.842815	-86.922681	56719.18	56250.9	-0.89	56718.30	56736.30859	56868.15659	56885.71875	505673.1	5409985.4
L5670.2	505673.1	5409985.4	13332.20020	421.14	0	48.842815	-86.922681	56714.85	56250.9	-0.89	56713.97	56732.20313	56863.97791	56881.82031	505673.1	5409985.4
L5670.2	505673.1	5409984.1	13332.40039	420.56	0	48.842804	-86.922681	56710.21	56250.9	-0.89	56709.32	56727.77344	56852.60191	56870.71484	505673.1	5409984.1
L5670.2	505673.1	5409983.0	13332.50000	420.52	0	48.842793	-86.922681	56705.82	56250.9	-0.90	56704.92	56723.59766	56848.86260	56867.23828	505673.1	5409983.0
L5670.2	505673.1	5409981.3	13332.59961	419.66	0	48.842779	-86.922680	56701.04	56250.9	-0.90	56700.14	56719.03906	56836.31633	56854.95313	505673.1	5409981.3
L5670.2	505673.1	5409981.3	13332.70020	420.98	0	48.842779	-86.922680	56696.42	56250.9	-0.90	56695.52	56714.64063	56829.01382	56847.90625	505673.1	5409981.3
L5670.2	505673.1	5409980.4	13332.79981	422.63	0	48.842770	-86.922680	56691.86	56250.9	-0.90	56690.95	56710.29297	56824.06349	56843.20313	505673.1	5409980.4
L5670.2	505673.1	5409979.2	13332.90039	420.61	0	48.842759	-86.922680	56687.09	56250.9	-0.91	56686.18	56705.74219	56814.92411	56834.30469	505673.1	5409979.2
L5670.2	505673.1	5409979.2	13333.00000	419.25	0	48.842759	-86.922680	56682.43	56250.9	-0.91	56681.52	56701.30469	56809.64980	56829.26563	505673.1	5409979.2
L5670.2	505673.1	5409977.8	13333.09961	418.68	0	48.842747	-86.922680	56677.46	56250.9	-0.91	56676.55	56696.55469	56797.26726	56817.10938	505673.1	5409977.8
L5670.2	505673.1	5409976.6	13333.20020	418.62	0	48.842736	-86.922680	56672.56	56250.9	-0.91	56671.65	56691.87109	56787.65393	56807.71875	505673.1	5409976.6
L5670.2	505673.2	5409975.1	13333.29981	419.49	0	48.842723	-86.922680	56667.72	56250.9	-0.90	56666.81	56687.25000	56780.52169	56800.79688	505673.2	5409975.1
L5670.2	505673.2	5409975.1	13333.40039	417.28	0	48.842723	-86.922680	56662.71	56250.9	-0.90	56661.81	56682.46875	56770.10840	56790.58984	505673.2	5409975.1
L5670.2	505673.2	5409974.2	13333.50000	415.66	0	48.842714	-86.922680	56657.86	56250.9	-0.90	56656.96	56677.83203	56764.46542	56785.14063	505673.2	5409974.2
L5670.2	505673.2	5409972.7	13333.59961	415.62	0	48.842701	-86.922680	56652.83	56250.9	-0.90	56651.93	56673.01953	56754.96253	56775.82813	505673.2	5409972.7
L5670.2	505673.2	5409972.7	13333.70020	417.43	0	48.842701	-86.922680	56647.58	56250.9	-0.90	56646.69	56667.99219	56740.78829	56761.83203	505673.2	5409972.7
L5670.2	505673.2	5409971.3	13333.79981	420.18	0	48.842688	-86.922680	56642.65	56250.9	-0.89	56641.75	56663.26563	56735.20544	56756.42188	505673.2	5409971.3
L5670.2	505673.2	5409970.1	13333.90039	421.40	0	48.842677	-86.922679	56637.42	56250.9	-0.89	56636.53	56658.25781	56723.06632	56744.44531	505673.2	5409970.1
L5670.2	505673.2	5409968.7	13334.00000	419.74	0	48.842664	-86.922679	56632.37	56250.9	-0.89	56631.48	56653.41797	56716.06894	56737.60156	505673.2	5409968.7
L5670.2	505673.2	5409967.2	13334.09961	420.86	0	48.842651	-86.922679	56627.20	56250.9	-0.89	56626.31	56648.45703	56706.62339	56728.30078	505673.2	5409967.2
L5670.2	505673.2	5409967.2	13334.20020	419.87	0	48.842651	-86.922679	56621.78	56250.9	-0.89	56620.89	56643.24609	56691.30965	56713.12500	505673.2	5409967.2
L5670.2	505673.2	5409966.0	13334.20020	419.87	0	48.842640	-86.922679	56616.64	56250.9	-0.89	56615.75	56638.31250	56683.90964	56705.85156	505673.2	5409966.0
L5670.2	505673.3	5409964.8	13334.40039	422.45	0	48.842629	-86.922679	56611.21	56250.9	-0.89	56610.32	56633.08594	56669.53434	56691.59375	505673.3	5409964.8
L5670.2	505673.3	5409964.8	13334.50000	420.49	0	48.842629	-86.922679	56605.90	56250.9	-0.89	56605.01	56627.97656	56658.83727	56681.00391	505673.3	5409964.8
L5670.2	505673.3	5409963.3	13334.59961	418.50	0	48.842616	-86.922678	56600.70	56250.9	-0.89	56599.81	56622.97656	56651.52464	56673.79297	505673.3	5409963.3
L5670.2	505673.3	5409963.3	13334.70020	418.61	0	48.842616	-86.922678	56595.18	56250.9	-0.89	56594.29	56617.65625	56636.35539	56658.71484	505673.3	5409963.3
L5670.2	505673.3	5409961.9	13334.79981	416.90	0	48.842603	-86.922678	56589.89	56250.9	-0.89	56589.00	56612.56250	56627.63106	56650.07031	505673.3	5409961.9

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5670.2	505673.3	5409960.7	13334.90039	414.80	0	48.842593	-86.922678	56584.54	56250.9	-0.89	56583.65	56607.40625	56617.75899	56640.26953	505673.3	5409960.7
L5670.2	505673.3	5409959.1	13335.00000	413.59	0	48.842579	-86.922678	56578.95	56250.9	-0.89	56578.06	56602.00391	56602.01329	56624.58594	505673.3	5409959.1
L5670.2	505673.4	5409957.8	13335.09961	414.16	0	48.842567	-86.922678	56573.42	56250.9	-0.89	56572.53	56596.66406	56588.17862	56610.80469	505673.4	5409957.8
L5670.2	505673.4	5409957.8	13335.20020	416.25	0	48.842567	-86.922678	56567.74	56250.9	-0.89	56566.85	56591.17188	56570.74669	56593.41797	505673.4	5409957.8
L5670.2	505673.4	5409956.1	13335.29981	418.56	0	48.842552	-86.922678	56562.26	56250.9	-0.89	56561.37	56585.87891	56558.80490	56581.51563	505673.4	5409956.1
L5670.2	505673.4	5409954.4	13335.40039	420.04	0	48.842536	-86.922677	56557.00	56250.9	-0.89	56556.12	56580.80859	56553.09991	56575.83594	505673.4	5409954.4
L5670.2	505673.4	5409953.6	13335.50000	419.62	0	48.842529	-86.922677	56551.46	56250.9	-0.88	56550.58	56575.44922	56540.04291	56562.79688	505673.4	5409953.6
L5670.2	505673.4	5409953.6	13335.59961	422.06	0	48.842529	-86.922677	56546.03	56250.9	-0.88	56545.15	56570.19531	56530.02394	56552.78516	505673.4	5409953.6
L5670.2	505673.4	5409952.3	13335.70020	424.13	0	48.842517	-86.922677	56540.19	56250.9	-0.88	56539.31	56564.52734	56509.45384	56532.21875	505673.4	5409952.3
L5670.2	505673.4	5409950.8	13335.79981	421.78	0	48.842504	-86.922677	56534.60	56250.9	-0.88	56533.72	56559.10938	56495.49906	56518.25781	505673.4	5409950.8
L5670.2	505673.4	5409950.8	13335.90039	419.73	0	48.842504	-86.922677	56529.03	56250.9	-0.88	56528.15	56553.70703	56482.12879	56504.87109	505673.4	5409950.8
L5670.2	505673.4	5409949.3	13336.00000	419.84	0	48.842490	-86.922677	56523.21	56250.9	-0.88	56522.33	56548.05078	56462.26957	56484.98828	505673.4	5409949.3
L5670.2	505673.4	5409948.0	13336.09961	419.11	0	48.842478	-86.922677	56517.75	56250.9	-0.88	56516.87	56542.75391	56451.78430	56474.46875	505673.4	5409948.0
L5670.2	505673.4	5409946.5	13336.20020	420.67	0	48.842465	-86.922677	56512.14	56250.9	-0.88	56511.26	56537.30078	56437.34399	56459.99219	505673.4	5409946.5
L5670.2	505673.4	5409946.5	13336.20020	420.67	0	48.842465	-86.922677	56506.55	56250.9	-0.88	56505.67	56531.86719	56423.34319	56445.94531	505673.4	5409946.5
L5670.2	505673.4	5409945.0	13336.40039	422.43	0	48.842451	-86.922677	56500.73	56250.9	-0.89	56499.84	56526.18750	56402.96887	56425.51563	505673.4	5409945.0
L5670.2	505673.4	5409943.3	13336.50000	421.64	0	48.842437	-86.922677	56494.94	56250.9	-0.89	56494.05	56520.54688	56383.48263	56405.96875	505673.4	5409943.3
L5670.2	505673.4	5409943.3	13336.59961	424.15	0	48.842437	-86.922677	56489.20	56250.9	-0.89	56488.30	56514.94141	56364.84812	56387.26563	505673.4	5409943.3
L5670.2	505673.5	5409941.9	13336.70020	424.37	0	48.842424	-86.922676	56483.64	56250.9	-0.89	56482.74	56509.52344	56350.93866	56373.28125	505673.5	5409941.9
L5670.2	505673.5	5409940.6	13336.79981	426.32	0	48.842412	-86.922676	56477.91	56250.9	-0.90	56477.02	56503.94141	56332.59555	56354.85547	505673.5	5409940.6
L5670.2	505673.5	5409939.1	13336.90039	422.76	0	48.842399	-86.922676	56472.38	56250.9	-0.90	56471.48	56498.53516	56318.64443	56340.81641	505673.5	5409939.1
L5670.2	505673.5	5409939.1	13337.00000	424.83	0	48.842399	-86.922676	56466.64	56250.9	-0.90	56465.74	56492.92188	56299.14486	56321.22266	505673.5	5409939.1
L5670.2	505673.5	5409937.9	13337.09961	423.83	0	48.842388	-86.922676	56460.99	56250.9	-0.90	56460.09	56487.39844	56281.61950	56303.59375	505673.5	5409937.9
L5670.2	505673.5	5409936.3	13337.20020	421.08	0	48.842373	-86.922676	56455.38	56250.9	-0.90	56454.48	56481.91406	56264.72936	56286.60156	505673.5	5409936.3
L5670.2	505673.5	5409936.3	13337.29981	418.40	0	48.842373	-86.922676	56449.87	56250.9	-0.90	56448.96	56476.51172	56249.74205	56271.50000	505673.5	5409936.3
L5670.2	505673.5	5409935.0	13337.40039	420.70	0	48.842362	-86.922676	56444.25	56250.9	-0.90	56443.35	56471.01563	56231.93060	56253.57031	505673.5	5409935.0
L5670.2	505673.5	5409933.6	13337.50000	417.06	0	48.842349	-86.922676	56438.48	56250.9	-0.90	56437.58	56465.35547	56209.43532	56230.95313	505673.5	5409933.6
L5670.2	505673.5	5409932.3	13337.59961	416.24	0	48.842337	-86.922676	56432.97	56250.9	-0.91	56432.07	56459.95313	56193.16824	56214.55859	505673.5	5409932.3
L5670.2	505673.5	5409932.3	13337.70020	418.32	0	48.842337	-86.922676	56427.46	56250.9	-0.91	56426.55	56454.53516	56176.05735	56197.31641	505673.5	5409932.3
L5670.2	505673.5	5409930.6	13337.79981	419.02	0	48.842322	-86.922676	56422.05	56250.9	-0.91	56421.14	56449.22266	56161.19600	56182.31641	505673.5	5409930.6
L5670.2	505673.5	5409929.5	13337.90039	417.59	0	48.842312	-86.922675	56416.44	56250.9	-0.91	56415.53	56443.70703	56140.47024	56161.44922	505673.5	5409929.5
L5670.2	505673.5	5409929.5	13338.00000	418.31	0	48.842312	-86.922675	56410.95	56250.9	-0.91	56410.03	56438.29688	56121.92628	56142.75781	505673.5	5409929.5
L5670.2	505673.6	5409927.8	13338.09961	415.92	0	48.842297	-86.922675	56405.34	56250.9	-0.91	56404.43	56432.78125	56100.05734	56120.73828	505673.6	5409927.8
L5670.2	505673.6	5409926.6	13338.20020	415.75	0	48.842286	-86.922675	56400.08	56250.9	-0.91	56399.17	56427.60547	56086.29873	56106.82422	505673.6	5409926.6
L5670.2	505673.6	5409926.6	13338.20020	415.75	0	48.842286	-86.922675	56394.64	56250.9	-0.91	56393.73	56422.24219	56067.06463	56087.43359	505673.6	5409926.6
L5670.2	505673.6	5409925.1	13338.40039	420.68	0	48.842273	-86.922675	56389.34	56250.9	-0.91	56388.43	56417.01172	56050.66354	56070.86719	505673.6	5409925.1
L5670.2	505673.6	5409924.0	13338.50000	420.25	0	48.842262	-86.922674	56383.90	56250.9	-0.91	56382.99	56411.64063	56029.76597	56049.80469	505673.6	5409924.0
L5670.2	505673.7	5409922.4	13338.59961	419.52	0	48.842248	-86.922674	56378.36	56250.9	-0.91	56377.45	56406.16406	56005.38347	56025.25000	505673.7	5409922.4
L5670.2	505673.7	5409922.4	13338.70020	419.68	0	48.842248	-86.922674	56373.31	56250.9	-0.91	56372.40	56401.17578	55992.86341	56012.55859	505673.7	5409922.4
L5670.2	505673.7	5409920.8	13338.79981	419.09	0	48.842234	-86.922674	56368.13	56250.9	-0.91	56367.22	56396.05078	55976.01610	55995.53906	505673.7	5409920.8
L5670.2	505673.7	5409919.3	13338.90039	419.18	0	48.842220	-86.922673	56363.25	56250.9	-0.91	56362.34	56391.21875	55966.01981	55985.36328	505673.7	5409919.3
L5670.2	505673.7	5409917.5	13339.00000	419.68	0	48.842205	-86.922673	56358.04	56250.9	-0.91	56357.13	56386.05469	55946.42542	55965.58594	505673.7	5409917.5
L5670.2	505673.7	5409917.5	13339.09961	419.66	0	48.842205	-86.922673	56352.96	56250.9	-0.91	56352.05	56381.01563	55929.19438	55948.17188	505673.7	5409917.5
L5670.2	505673.8	5409916.4	13339.20020	418.21	0	48.842194	-86.922673	56347.86	56250.9	-0.91	56346.95	56375.95313	55910.38969	55929.17969	505673.8	5409916.4
L5670.2	505673.8	5409915.3	13339.29981	421.05	0	48.842185	-86.922672	56343.02	56250.9	-0.91	56342.11	56371.14453	55897.28263	55915.88672	505673.8	5409915.3
L5670.2	505673.8	5409915.3	13339.40039	421.79	0	48.842185	-86.922672	56338.27	56250.9	-0.91	56337.36	56366.42188	55885.41633	55903.82813	505673.8	5409915.3
L5670.2	505673.8	5409913.5	13339.50000	433.49	0	48.842169	-86.922672	56333.49	56250.9	-0.91	56332.58	56361.66797	55871.63786	55889.85547	505673.8	5409913.5
L5670.2	505673.8	5409912.1	13339.59961	433.49	0	48.842155	-86.922672	56328.88	56250.9	-0.91	56327.97	56357.07422	55861.13562	55879.15625	505673.8	5409912.1
L5670.2	505673.9	5409910.7	13339.70020	432.00	0	48.842143	-86.922671	56324.25	56250.9	-0.91	56323.34	56352.46094	55848.93377	55866.75781	505673.9	5409910.7
L5670.2	505673.9	5409910.7	13339.70020	433.89	0	48.842143	-86.922671	56319.51	56250.9	-0.91	56318.60	56347.73047	55832.66369	55850.28906	505673.9	5409910.7
L5670.2	505673.9	5409909.1	13339.79981	433.69	0	48.842129	-86.922671	56314.96	56250.9	-0.91	56314.05	56343.18359	55820.12264	55837.54688	505673.9	5409909.1
L5670.2	505673.9	5409907.8	13340.00000	434.91	0	48.842117	-86.922671	56310.29	56250.9	-0.91	56309.38	56338.51563	55803.20960	55820.42969	505673.9	5409907.8
L5670.2	505673.9	5409906.8	13340.09961	434.91	0	48.842108	-86.922671	56306.14	56250.9	-0.91	56305.24	56334.37109	55798.84603	55815.86328	505673.9	5409906.8
L5670.2	505673.9	5409906.8	13340.20020	431.49	0	48.842108	-86.922671	56302.02	56250.9	-0.90	56301.12	56330.24219	55793.71984	55810.53125	505673.9	5409906.8
L5670.2	505674.0	5409904.8	13340.20020	431.49	0	48.842090	-86.922670	56297.69	56250.9	-0.90	56296.78	56325.89063	55781.55721	55798.16406	505674.0	5409904.8
L5670.2	505674.0	5409904.8	13340.29981	431.49	0	48.842090	-86.922670	56293.45	56250.9	-0.90	56292.55	56321.64453	55770.94182	55787.33984	505674.0	5409904.8
L5670.2	505674.0	5409903.3	13340.40039	431.80	0	48.842076	-86.922670	56289.29	56250.9	-0.90	56288.39	56317.46094	55760.81456	55777.00391	505674.0	5409903.3
L5670.2	505674.0	5409902.0	13340.59961	431.59	0	48.842064	-86.922669	56285.06	56250.9	-0.89	56284.17	56313.21484	55747.77153	55763.75391	505674.0	5409902.0
L5670.2	505674.0	5409900.6	13340.70020	432.57	0	48.842052	-86.922669	56281.15	56250.9	-0.89	56280.26	56309.27734	55741.44187	55757.21484	505674.0	5409900.6
L5670.2	505674.0	5409900.6	13340.79981	434.81	0	48.842052	-86.922669	56276.96	56250.9	-0.89	56276.08	56305.06250	55726.69477	55742.25781	505674.0	5409900.6
L5670.2	505674.1	5409899.2	13340.90039	433.11	0	48.842040	-86.922669	56273.32	56250.9	-0.88	56272.44	56301.38281	55724.62963	55739.98047	505674.1	5409899.2
L5670.2	505674.1	5409897.9	13341.00000	435.92	0	48.842028	-86.922668	56269.59	56250.9	-0.88	56268.71	56297.60938	55718.81446	55733.95313	505674.1	5409897.9
L5670.2	505674.1	5409896.6	13341.09961	434.08	0	48.842016	-86.922668	56265.91	56250.9	-0.88	56265.03	56293.88281	55712.88771	55727.81641	505674.1	5409896.6
L5670.2	505674.1	5409896.6	13341.20020	432.77	0	48.842016	-86.922668	56262.34	56250.9	-0.89	56261.46	56290.26172	55708.40372	55723.12500	505674.1	5409896.6
L5670.2	505674.1	5409894.7	13341.29981	434.62	0	48.841999	-86.922668	56258.80	56250.9	-0.89	56257.91	56286.65625	55703.00826	55717.51563	505674.1	5409894.7
L5670.2	505674.2	5409893.4	13341.40039	435.99	0	48.841987	-86.922667	56255.22	56250.9	-0.89	56254.33	56283.01563	55695.39070	55709.68750	505674.2	5409893.4
L5670.2	505674.2	5409892.2	13341.50000	435.20	0	48.841977	-86.922667	56251.83	56250.9	-0.89	56250.93	56279.55469	55691.01815	55705.10547	505674.2	5409892.2
L5670.2	505674.2	5409892.2	13341.59961	435.84	0	48.841977	-86.922667	56248.69	56250.9	-0.90	56247.79	56276.34766	55691.97044	55705.84766	505674.2	5409892.2
L5670.2	505674.2	5409890.9	13341.70020	434.49	0	48.841965	-86.922667	56245.38	56250.9	-0.90	56244.47	56272.95703	55686.77506	55700.44141	505674.2	5409890.9
L5670.2	505674.3	5409889.1	13341.79981	433.92	0	48.841948	-86.922666	56242.48	56250.9	-0.90	56241.58	56269.99219	55691.32795	55704.78906	505674.3	5409889.1
L5670.2	505674.3	5409889.1	13341.90039	433.88	0	48.841948	-86.922666	56239.26	56250.9	-0.91	56238.36	56266.69141	55685.81818	55699.07031	505674.3	5409889.1
L5670.2	505674.3	5409886.4	13342.00000	437.12	0	48.841925	-86.922665	56236.14	56250.9	-0.91	56235.23	56263.48047	55681.19158	55694.23438	505674.3	5409886.4
L5670.2	505674.3	5409886.4	13342.09961	438.34	0	48.841925	-86.922665	56232.94	56250.9	-0.91	56232.03	56260.19531	55673.27778	55686.11328	505674.3	5409886.4
L5670.2	505674.4	5409884.9	13342.20020	435.39	0	48.841911	-86.922665	56230.04	56250.9	-0.91	56229.13	56257.20313	55671.72149	55684.35156	505674.4	5409884.9
L5670.2	505674.4	5409884.9	13342.20020	435.39	0	48.841911	-86.922665	56227.54	56250.9	-0.91	56226.63	56254.61328	55679.13108	55691.55859	505674.4	5409884.9
L5670.2	505674.4	5409883.0	13342.40039	434.94	0	48.841894	-86.922664	56224.90	56250.9	-0.91	56223.99	56251.87500	55681.43488	55693.65625	505674.4	5409883.0
L5670.2	505674.4	5409883.0	13342.50000	435.26	0	48.841894	-86.922664	56222.28	56250.9	-0.91	56221.37	56249.15625	55682.80712	55694.82813	505674.4	5409883.0
L5670.2	505674.4	5409881.4	13342.59961	434.19	0	48.841879	-86.922664	56219.52	56250.9	-0.91	56218.61	56246.29297	55679.08251	55690.90234	505674.4	5409881.4
L5670.2	505674.5	5409880.3	13342.70020	433.46	0	48.841869	-86.922663	56217.12	56250.9	-0.91	56216.21	56243.78906	55683.29905	55694.91797	505674.5	5409880.3
L5670.2	505674.5	5409878.9	13342.79981	433.47	0	48.841857	-86.922663	56214.24	56250.9	-0.91	56213.33	56240.79688	55673.56973	55684.99219	505674.5	5409878.9
L5670.2	505674.5	5409877.5	13342.90039	435.52	0	48.841844	-86.922663	56212.04	56250.9	-0.91	56211.13	56238.48438	55680.13678	55691.35938	505674.5	5409877.5
L5670.2	505674.5	5409877.5	13343.00000	435.45	0	48.841844	-86.922663	56209.66	56250.9	-0.91	56208.75	56235.99219	55680.59375	55691.62109	505674.5	5409877.5
L5670.2	505674.5	5409877.5	13343.09961	435.09	0	48.841844	-86.922663	56207.56	56250.9	-0.91	56206.64	56233.76172	55686.67915	55697.51172	505674.5	5409877.5
L5670.2	505674.6	5409875.3	13343.20020	436.38	0	48.841825	-86.922662	56205.33	56250.9	-0.91	56204.42	56231.42188	55688.49909	55699.14063	505674.6	5409875.3
L5670.2	505674.6	5409874.0	13343.29981	437.42	0	48.841813	-86.922662	56203.16	56250.9	-0.91	56202.25	56229.12891	55690.23517	55700.68359	505674.6	5409874.0
L5670.2	505674.6	5409872.6	13343.40039	438.00	0	48.841800	-86.922662	56200.98	56250.9	-0.91	56200.07	56226.82422	55690.33572	55700.59766	505674.6	5409872.6
L5670.2	505674.7	5409870.5	13343.50000	436.59	0	48.841782	-86.922661	56199.03	56250.9	-0.91	56198.12	56224.74609	55695.06910	55705.14063	505674.7	5409870.5
L5670.2	505674.7	5409870.5	13343.59961	436.70	0	48.841782	-86.922661	56196.81	56250.9	-0.91	56195.90	56222.39453	55691.41697	55701.30469	505674.7	5409870.5
L5670.2	505674.7	5409869.1	13343.70020	436.34	0	48.841769	-86.922661	56195.12	56250.9	-0.91	56194.21	56220.57422	55700.24514	55709.94922	505674.7	5409869.1
L5670.2	505674.7	5409867.5	13343.79981	435.71	0	48.841754	-86.922660	56193.39	56250.9	-0.91	56192.48	56218.70703	55706.71224	55716.23438	505674.7	5409867.5
L5670.2	505674.7	5409867.5	13343.90039	434.90	0	48.841754	-86.922660	56191.52	56250.9	-0.91	56190.61	56216.70313	55708.22772	55717.57031	505674.7	5409867.5
L5670.2	505674.7	5409866.1	13344.00000	435.50	0	48.841742	-86.922660	56189.78	56250.9	-0.91	56188.87	56214.82422	55711.84545	55721.01172	505674.7	5409866.1
L5670.2	505674.8	5409864.4	13344.09961	435.23	0	48.841727	-86.922660	56188.13	56250.9	-0.91	56187.22	56213.03125	55716.54002	55725.53125	505674.8	5409864.4

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5670.2	505674.8	5409863.3	13344.20020	436.28	0	48.841716	-86.922660	56186.54	56250.9	-0.91	56185.63	56211.30078	55721.54725	55730.36719	505674.8	5409863.3
L5670.2	505674.8	5409863.3	13344.20020	436.28	0	48.841716	-86.922660	56184.92	56250.9	-0.91	56184.01	56209.53516	55724.53967	55733.18750	505674.8	5409863.3
L5670.2	505674.8	5409861.8	13344.40039	435.64	0	48.841704	-86.922659	56183.23	56250.9	-0.91	56182.31	56207.69141	55724.23290	55732.71094	505674.8	5409861.8
L5670.2	505674.8	5409860.4	13344.50000	433.97	0	48.841691	-86.922659	56181.92	56250.9	-0.92	56181.00	56206.23438	55732.89642	55741.21094	505674.8	5409860.4
L5670.2	505674.8	5409860.4	13344.59961	433.31	0	48.841691	-86.922659	56180.20	56250.9	-0.92	56179.29	56204.37500	55729.95930	55738.10938	505674.8	5409860.4
L5670.2	505674.8	5409858.7	13344.70020	433.01	0	48.841675	-86.922659	56178.98	56250.9	-0.92	56178.06	56202.99609	55738.37821	55746.36719	505674.8	5409858.7
L5670.2	505674.8	5409856.6	13344.79981	432.05	0	48.841656	-86.922659	56177.54	56250.9	-0.92	56176.62	56201.40625	55740.18946	55748.01953	505674.8	5409856.6
L5670.2	505674.8	5409855.1	13344.90039	434.12	0	48.841643	-86.922659	56176.19	56250.9	-0.92	56175.27	56199.90234	55743.23321	55750.91016	505674.8	5409855.1
L5670.2	505674.8	5409855.1	13345.00000	434.32	0	48.841643	-86.922659	56175.01	56250.9	-0.92	56174.09	56198.57031	55749.61586	55757.13672	505674.8	5409855.1
L5670.2	505674.8	5409853.5	13345.09961	432.09	0	48.841628	-86.922659	56173.82	56250.9	-0.92	56172.89	56197.21875	55754.40674	55761.77734	505674.8	5409853.5
L5670.2	505674.8	5409852.1	13345.20020	432.60	0	48.841616	-86.922659	56172.66	56250.9	-0.92	56171.74	56195.91406	55759.45211	55766.67969	505674.8	5409852.1
L5670.2	505674.8	5409852.1	13345.29981	431.69	0	48.841616	-86.922659	56171.26	56250.9	-0.92	56170.33	56194.35156	55756.69407	55763.77344	505674.8	5409852.1
L5670.2	505674.8	5409850.4	13345.40039	431.76	0	48.841601	-86.922659	56170.29	56250.9	-0.92	56169.37	56193.23828	55764.66032	55771.60156	505674.8	5409850.4
L5670.2	505674.8	5409848.5	13345.50000	431.61	0	48.841584	-86.922659	56169.24	56250.9	-0.93	56168.31	56192.02344	55769.03787	55775.83984	505674.8	5409848.5
L5670.2	505674.8	5409848.5	13345.59961	432.33	0	48.841584	-86.922659	56168.33	56250.9	-0.93	56167.40	56190.95703	55776.36518	55783.03125	505674.8	5409848.5
L5670.2	505674.8	5409847.2	13345.70020	431.39	0	48.841572	-86.922660	56167.28	56250.9	-0.93	56166.35	56189.75391	55779.10612	55785.64063	505674.8	5409847.2
L5670.2	505674.8	5409845.4	13345.79981	432.70	0	48.841555	-86.922660	56166.13	56250.9	-0.93	56165.20	56188.44922	55778.32577	55784.73047	505674.8	5409845.4
L5670.2	505674.8	5409845.4	13345.90039	433.38	0	48.841555	-86.922660	56165.13	56250.9	-0.93	56164.20	56187.29297	55780.56270	55786.83984	505674.8	5409845.4
L5670.2	505674.8	5409843.8	13346.00000	433.75	0	48.841541	-86.922660	56164.18	56250.9	-0.93	56163.25	56186.19141	55783.23301	55789.38672	505674.8	5409843.8
L5670.2	505674.8	5409842.4	13346.09961	433.64	0	48.841528	-86.922660	56163.40	56250.9	-0.93	56162.47	56185.25781	55789.48685	55795.51953	505674.8	5409842.4
L5670.2	505674.8	5409841.1	13346.20020	435.61	0	48.841517	-86.922660	56162.51	56250.9	-0.93	56161.58	56184.21484	55792.04862	55797.96484	505674.8	5409841.1
L5670.2	505674.8	5409841.1	13346.20020	435.61	0	48.841517	-86.922660	56161.88	56250.9	-0.93	56160.95	56183.43359	55800.58432	55806.38672	505674.8	5409841.1
L5670.2	505674.8	5409839.7	13346.40039	437.36	0	48.841504	-86.922660	56160.97	56250.9	-0.92	56160.05	56182.38281	55801.30204	55806.99609	505674.8	5409839.7
L5670.2	505674.7	5409837.9	13346.50000	432.81	0	48.841488	-86.922660	56160.23	56250.9	-0.92	56159.31	56181.49219	55805.43134	55811.01563	505674.7	5409837.9
L5670.2	505674.7	5409836.7	13346.59961	432.71	0	48.841477	-86.922660	56159.52	56250.9	-0.92	56158.60	56180.63281	55809.60561	55815.08594	505674.7	5409836.7
L5670.2	505674.7	5409836.7	13346.70020	433.96	0	48.841477	-86.922660	56158.67	56250.9	-0.92	56157.76	56179.64453	55809.67613	55815.05859	505674.7	5409836.7
L5670.2	505674.7	5409835.3	13346.79981	433.75	0	48.841465	-86.922661	56157.72	56250.9	-0.91	56156.80	56178.53906	55805.92481	55811.21094	505674.7	5409835.3
L5670.2	505674.7	5409833.6	13346.90039	432.33	0	48.841449	-86.922661	56156.93	56250.9	-0.91	56156.01	56177.60156	55805.93129	55811.12500	505674.7	5409833.6
L5670.2	505674.7	5409832.2	13347.00000	433.63	0	48.841437	-86.922661	56156.48	56250.9	-0.91	56155.57	56177.01953	55814.40784	55819.51172	505674.7	5409832.2
L5670.2	505674.7	5409832.2	13347.09961	433.12	0	48.841437	-86.922661	56155.83	56250.9	-0.91	56154.92	56176.22656	55816.77896	55821.79688	505674.7	5409832.2
L5670.2	505674.7	5409831.0	13347.20020	433.05	0	48.841426	-86.922661	56155.33	56250.9	-0.91	56154.41	56175.57813	55822.18719	55827.12500	505674.7	5409831.0
L5670.2	505674.7	5409829.8	13347.29981	432.94	0	48.841415	-86.922661	56154.54	56250.9	-0.92	56153.63	56174.66016	55819.96598	55824.82422	505674.7	5409829.8
L5670.2	505674.7	5409828.3	13347.40039	432.29	0	48.841402	-86.922661	56154.06	56250.9	-0.92	56153.14	56174.03125	55824.73064	55829.51172	505674.7	5409828.3
L5670.2	505674.7	5409826.9	13347.50000	434.70	0	48.841389	-86.922661	56153.30	56250.9	-0.92	56152.38	56173.13672	55821.90426	55826.61719	505674.7	5409826.9
L5670.2	505674.7	5409826.9	13347.59961	436.72	0	48.841389	-86.922661	56152.68	56250.9	-0.92	56151.75	56172.37500	55821.93111	55826.57422	505674.7	5409826.9
L5670.2	505674.7	5409825.0	13347.70020	433.57	0	48.841372	-86.922661	56152.37	56250.9	-0.92	56151.44	56171.93359	55829.78160	55834.36328	505674.7	5409825.0
L5670.2	505674.7	5409823.6	13347.79981	432.01	0	48.841360	-86.922661	56152.02	56250.9	-0.93	56151.09	56171.45703	55836.09044	55840.61328	505674.7	5409823.6
L5670.2	505674.7	5409823.6	13347.90039	432.30	0	48.841360	-86.922661	56151.68	56250.9	-0.93	56150.75	56170.98828	55842.17820	55846.64453	505674.7	5409823.6
L5670.2	505674.7	5409822.2	13348.00000	432.67	0	48.841347	-86.922661	56151.13	56250.9	-0.93	56150.20	56170.31641	55842.32772	55846.74219	505674.7	5409822.2
L5670.2	505674.7	5409820.2	13348.09961	433.21	0	48.841329	-86.922662	56150.53	56250.9	-0.93	56149.60	56169.59375	55840.72577	55845.09375	505674.7	5409820.2
L5670.2	505674.7	5409820.2	13348.20020	432.89	0	48.841329	-86.922662	56150.06	56250.9	-0.93	56149.13	56169.00391	55842.07995	55846.40234	505674.7	5409820.2
L5670.2	505674.7	5409818.2	13348.20020	432.89	0	48.841311	-86.922662	56149.71	56250.9	-0.93	56148.78	56168.53516	55846.14524	55850.42578	505674.7	5409818.2
L5670.2	505674.6	5409816.5	13348.40039	435.36	0	48.841296	-86.922662	56149.36	56250.9	-0.93	56148.42	56168.05859	55849.54844	55853.79297	505674.6	5409816.5
L5670.2	505674.6	5409816.5	13348.50000	435.34	0	48.841296	-86.922662	56149.06	56250.9	-0.93	56148.12	56167.64844	55854.12876	55858.33984	505674.6	5409816.5
L5670.2	505674.6	5409815.1	13348.59961	435.20	0	48.841283	-86.922662	56148.72	56250.9	-0.94	56147.79	56167.20703	55857.55466	55861.73828	505674.6	5409815.1
L5670.2	505674.6	5409813.4	13348.70020	433.74	0	48.841268	-86.922663	56148.27	56250.9	-0.94	56147.33	56166.63672	55857.23353	55861.39063	505674.6	5409813.4
L5670.2	505674.6	5409813.4	13348.79981	434.23	0	48.841268	-86.922663	56148.02	56250.9	-0.94	56147.08	56166.28125	55862.04051	55866.17578	505674.6	5409813.4
L5670.2	505674.6	5409811.3	13348.90039	433.67	0	48.841249	-86.922663	56147.53	56250.9	-0.94	56146.59	56165.68359	55860.25962	55864.37891	505674.6	5409811.3
L5670.2	505674.6	5409810.2	13349.00000	434.41	0	48.841239	-86.922663	56147.21	56250.9	-0.94	56146.27	56165.26172	55862.58961	55866.69141	505674.6	5409810.2
L5670.2	505674.6	5409810.2	13349.09961	435.27	0	48.841239	-86.922663	56146.77	56250.9	-0.94	56145.83	56164.72266	55861.48388	55865.57813	505674.6	5409810.2
L5670.2	505674.5	5409808.7	13349.20020	433.18	0	48.841226	-86.922663	56146.78	56250.9	-0.94	56145.83	56164.62109	55871.54991	55875.63672	505674.5	5409808.7
L5670.2	505674.5	5409807.1	13349.29981	432.70	0	48.841211	-86.922664	56146.30	56250.9	-0.94	56145.35	56164.04297	55868.81982	55872.90234	505674.5	5409807.1
L5670.2	505674.5	5409805.5	13349.40039	432.28	0	48.841197	-86.922664	56146.22	56250.9	-0.94	56145.27	56163.86719	55876.24078	55880.32031	505674.5	5409805.5
L5670.2	505674.5	5409805.5	13349.50000	433.68	0	48.841197	-86.922664	56145.87	56250.9	-0.94	56144.92	56163.42188	55876.36010	55880.44141	505674.5	5409805.5
L5670.2	505674.5	5409804.1	13349.59961	432.33	0	48.841184	-86.922664	56145.66	56250.9	-0.95	56144.72	56163.12500	55880.13463	55884.22266	505674.5	5409804.1
L5670.2	505674.5	5409802.7	13349.70020	435.24	0	48.841171	-86.922664	56145.11	56250.9	-0.95	56144.16	56162.47266	55874.28113	55878.37891	505674.5	5409802.7
L5670.2	505674.5	5409801.1	13349.79981	435.65	0	48.841157	-86.922664	56144.80	56250.9	-0.95	56143.85	56162.07031	55874.70787	55878.81641	505674.5	5409801.1
L5670.2	505674.5	5409801.1	13349.90039	437.89	0	48.841157	-86.922664	56144.66	56250.9	-0.95	56143.71	56161.83984	55879.33846	55883.46094	505674.5	5409801.1
L5670.2	505674.5	5409799.5	13350.00000	439.88	0	48.841142	-86.922665	56144.49	56250.9	-0.95	56143.54	56161.57813	55882.96845	55887.10938	505674.5	5409799.5
L5670.2	505674.5	5409798.2	13350.09961	435.32	0	48.841131	-86.922665	56144.36	56250.9	-0.95	56143.41	56161.35547	55887.43035	55891.58984	505674.5	5409798.2
L5670.2	505674.5	5409798.2	13350.20020	433.64	0	48.841131	-86.922665	56143.91	56250.9	-0.95	56142.96	56160.81250	55883.34877	55887.53125	505674.5	5409798.2
L5670.2	505674.5	5409796.6	13350.20020	433.64	0	48.841117	-86.922665	56143.90	56250.9	-0.95	56142.95	56160.71094	55890.53982	55894.74609	505674.5	5409796.6
L5670.2	505674.5	5409796.6	13350.40039	434.02	0	48.841117	-86.922665	56143.79	56250.9	-0.95	56142.85	56160.51953	55895.19657	55899.42969	505674.5	5409796.6
L5670.2	505674.5	5409794.9	13350.50000	434.50	0	48.841101	-86.922665	56143.48	56250.9	-0.94	56142.53	56160.10547	55893.93741	55898.19922	505674.5	5409794.9
L5670.2	505674.5	5409793.4	13350.59961	433.20	0	48.841088	-86.922665	56143.18	56250.9	-0.94	56142.24	56159.72266	55893.28487	55897.57813	505674.5	5409793.4
L5670.2	505674.5	5409791.8	13350.70020	432.29	0	48.841074	-86.922665	56142.73	56250.9	-0.94	56141.78	56159.16797	55888.03229	55892.35938	505674.5	5409791.8
L5670.2	505674.5	5409790.4	13350.79981	431.55	0	48.841061	-86.922665	56142.46	56250.9	-0.94	56141.51	56158.80078	55887.56872	55891.92969	505674.5	5409790.4
L5670.2	505674.5	5409790.4	13350.90039	433.30	0	48.841061	-86.922665	56142.52	56250.9	-0.94	56141.58	56158.76953	55895.80946	55900.20313	505674.5	5409790.4
L5670.2	505674.5	5409788.5	13351.00000	432.38	0	48.841044	-86.922665	56142.25	56250.9	-0.94	56141.31	56158.39844	55895.03633	55899.46875	505674.5	5409788.5
L5670.2	505674.5	5409786.9	13351.09961	431.77	0	48.841029	-86.922665	56142.17	56250.9	-0.94	56141.23	56158.21484	55899.06857	55903.53906	505674.5	5409786.9
L5670.2	505674.5	5409785.2	13351.20020	416.41	0	48.841014	-86.922665	56141.75	56250.9	-0.94	56140.80	56157.67969	55893.83653	55898.34766	505674.5	5409785.2
L5670.2	505674.5	5409783.9	13351.29981	415.09	0	48.841003	-86.922665	56141.66	56250.9	-0.94	56140.72	56157.48828	55897.58995	55902.14063	505674.5	5409783.9
L5670.2	505674.5	5409783.9	13351.40039	430.96	0	48.841003	-86.922665	56141.79	56250.9	-0.94	56140.84	56157.49609	55906.42385	55911.01172	505674.5	5409783.9
L5670.2	505674.5	5409782.1	13351.50000	431.85	0	48.840986	-86.922665	56141.54	56250.9	-0.94	56140.60	56157.13672	55905.74675	55910.37500	505674.5	5409782.1
L5670.2	505674.5	5409782.1	13351.59961	431.87	0	48.840986	-86.922665	56141.48	56250.9	-0.95	56140.53	56156.94531	55909.37694	55914.04688	505674.5	5409782.1
L5670.2	505674.5	5409780.7	13351.70020	432.70	0	48.840973	-86.922665	56141.46	56250.9	-0.95	56140.52	56156.80859	55914.45151	55919.16016	505674.5	5409780.7
L5670.2	505674.5	5409779.3	13351.79981	434.53	0	48.840961	-86.922665	56141.56	56250.9	-0.95	56140.61	56156.76953	55922.01702	55926.76563	505674.5	5409779.3
L5670.2	505674.5	5409777.7	13351.90039	435.78	0	48.840947	-86.922665	56141.24	56250.9	-0.95	56140.29	56156.31250	55918.78461	55923.57031	505674.5	5409777.7
L5670.2	505674.5	5409777.7	13352.00000	436.07	0	48.840947	-86.922665	56140.94	56250.9	-0.95	56139.99	56155.87109	55915.96561	55920.78906	505674.5	5409777.7
L5670.2	505674.5	5409776.0	13352.09961	419.52	0	48.840932	-86.922664	56140.32	56250.9	-0.95	56139.37	56155.10156	55904.70182	55909.55859	505674.5	5409776.0
L5670.2	505674.5	5409774.2	13352.20020	416.92	0	48.840915	-86.922664	56140.22	56250.9	-0.95	56139.28	56154.85547	55907.15128	55912.04297	505674.5	5409774.2
L5670.2	505674.5	5409774.2	13352.20020	416.92	0	48.840915	-86.922664	56140.10	56250.9	-0.95	56139.15	56154.56641	55908.46084	55913.38281	505674.5	5409774.2
L5670.2	505674.5	5409773.1	13352.40039	432.54	0	48.840905	-86.922664	56140.15	56250.9	-0.95	56139.20	56154.44531	55914.36791	55919.32031	505674.5	5409773.1
L5670.2	505674.5	5409771.7	13352.50000	431.40	0	48.840893	-86.922664	56140.00	56250.9	-0.94	56139.05	56154.12109	55914.97134	55919.94922	505674.5	5409771.7
L5670.2	505674.6	5409769.8	13352.59961	430.55	0	48.840876	-86.922664	56139.81	56250.9	-0.94	56138.86	56153.74609	55914.44453	55919.44922	505674.6	5409769.8
L5670.2	505674.6	5409769.8	13352.70020	430.38	0	48.840876	-86.922664	56139.70	56250.9	-0.94	56138.75	56153.44141	55915.91823	55920.94141	505674.6	5409769.8
L5670.2	505674.6	5409768.4	13352.79981	428.96	0	48.840863	-86.922664	56139.54	56250.9	-0.94	56138.60	56153.08984	55916.26771	55921.30859	505674.6	5409768.4
L5670.2	505674.6	5409768.4	13352.90039	428.10	0	48.840863	-86.922664	56139.72	56250.9	-0.94	56138.78	56153.05859	55925.13962	55930.19141	505674.6	5409768.4
L5670.2	505674.6	5409765.0	13353.00000	429.41	0	48.840832	-86.922664	56139.44	56250.9	-0.94	56138.50	56152.55469	55921.94609	55927.00391	505674.6	5409765.0
L5670.2	505674.6	5409765.0	13353.09961	429.98	0	48.840832	-86.922664	56139.48	56250.9	-0.94	56138.54	56152.36328	55927.01993	55932.08203	505674.6	5409765.0
L5670.2	505674.6	5409763.2	13353.20020	431.70	0	48.840816	-86.922663	56139.22	56250.9	-0.94	56138.28	56151.86328	55924.20404	55929.26563	505674.6	5409763.2
L5670.2	505674.6	5409763.2	13353.29981	432.84	0	48.840816	-86.922663	56139.08	56250.9	-0.94	56138.14	56151.46875	55924.44799	55929.50000	505674.6	5409763.2
L5670.2	505674.6	5409761.8	13353.40039	434.46	0	48.840803	-86.922663	56138.83	56250.9	-0.94	56137.89	56150.95703	55921.75957	55926.79297	505674.6	5409761.8

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5670.2	505674.6	5409760.2	13353.50000	433.56	0	48.840789	-86.922663	56138.76	56250.9	-0.94	56137.82	56150.60938	55923.69986	55928.71484	505674.6	5409760.2
L5670.2	505674.6	5409760.2	13353.59961	433.84	0	48.840789	-86.922663	56138.83	56250.9	-0.94	56137.89	56150.39063	55929.22869	55934.21484	505674.6	5409760.2
L5670.2	505674.6	5409758.3	13353.70020	434.94	0	48.840772	-86.922663	56138.79	56250.9	-0.94	56137.85	56150.05078	55931.83236	55936.78125	505674.6	5409758.3
L5670.2	505674.6	5409756.9	13353.79981	434.68	0	48.840759	-86.922663	56138.63	56250.9	-0.94	56137.69	56149.57813	55931.25248	55936.15625	505674.6	5409756.9
L5670.2	505674.6	5409756.9	13353.90039	436.00	0	48.840759	-86.922663	56138.33	56250.9	-0.94	56137.39	56148.94922	55926.96994	55931.82031	505674.6	5409756.9
L5670.2	505674.7	5409755.4	13354.00000	437.46	0	48.840746	-86.922663	56138.42	56250.9	-0.94	56137.48	56148.69922	55932.80083	55937.58594	505674.7	5409755.4
L5670.2	505674.7	5409753.6	13354.09961	437.77	0	48.840730	-86.922663	56138.46	56250.9	-0.94	56137.52	56148.38281	55937.27892	55941.99219	505674.7	5409753.6
L5670.2	505674.7	5409752.0	13354.20020	436.23	0	48.840716	-86.922663	56138.57	56250.9	-0.94	56137.63	56148.12500	55943.53383	55948.16406	505674.7	5409752.0
L5670.2	505674.7	5409752.0	13354.20020	436.23	0	48.840716	-86.922663	56138.33	56250.9	-0.94	56137.39	56147.50000	55940.62043	55945.15625	505674.7	5409752.0
L5670.2	505674.7	5409750.7	13354.40039	438.72	0	48.840703	-86.922663	56138.36	56250.9	-0.94	56137.42	56147.12891	55944.70023	55949.13281	505674.7	5409750.7
L5670.2	505674.7	5409750.7	13354.50000	437.74	0	48.840703	-86.922663	56137.94	56250.9	-0.94	56137.00	56146.29688	55937.00862	55941.32422	505674.7	5409750.7
L5670.2	505674.7	5409748.5	13354.59961	434.61	0	48.840684	-86.922662	56137.85	56250.9	-0.94	56136.91	56145.77344	55937.87719	55942.06641	505674.7	5409748.5
L5670.2	505674.7	5409747.2	13354.70020	434.25	0	48.840672	-86.922662	56137.77	56250.9	-0.94	56136.83	56145.24609	55938.96677	55943.01172	505674.7	5409747.2
L5670.2	505674.7	5409745.7	13354.79981	434.05	0	48.840658	-86.922662	56137.85	56250.9	-0.94	56136.91	56144.86328	55944.18828	55948.07813	505674.7	5409745.7
L5670.2	505674.7	5409745.7	13354.90039	435.04	0	48.840658	-86.922662	56137.82	56250.9	-0.94	56136.88	56144.35156	55946.50554	55950.22656	505674.7	5409745.7
L5670.2	505674.7	5409744.1	13355.00000	435.21	0	48.840644	-86.922662	56137.59	56250.9	-0.94	56136.65	56143.62500	55943.57380	55947.11328	505674.7	5409744.1
L5670.2	505674.7	5409744.1	13355.09961	434.26	0	48.840644	-86.922662	56137.29	56250.9	-0.94	56136.35	56142.80859	55938.78230	55942.12109	505674.7	5409744.1
L5670.2	505674.7	5409742.6	13355.20020	434.02	0	48.840631	-86.922662	56137.04	56250.9	-0.94	56136.10	56142.02734	55935.25949	55938.38672	505674.7	5409742.6
L5670.2	505674.7	5409741.1	13355.29981	434.43	0	48.840618	-86.922662	56137.26	56250.9	-0.94	56136.33	56141.70313	55944.21357	55947.10938	505674.7	5409741.1
L5670.2	505674.8	5409739.2	13355.40039	433.24	0	48.840601	-86.922662	56137.32	56250.9	-0.94	56136.38	56141.18750	55948.44266	55951.09375	505674.8	5409739.2
L5670.2	505674.8	5409737.8	13355.50000	434.55	0	48.840588	-86.922661	56137.59	56250.9	-0.93	56136.66	56140.87891	55958.63340	55961.01953	505674.8	5409737.8
L5670.2	505674.8	5409737.8	13355.59961	433.33	0	48.840588	-86.922661	56137.44	56250.9	-0.93	56136.51	56140.12109	55957.58359	55959.68750	505674.8	5409737.8
L5670.2	505674.8	5409736.4	13355.70020	433.34	0	48.840576	-86.922661	56137.44	56250.9	-0.93	56136.51	56139.49609	55960.41048	55962.21484	505674.8	5409736.4
L5670.2	505674.8	5409734.5	13355.79981	433.62	0	48.840558	-86.922661	56137.16	56250.9	-0.93	56136.23	56138.57031	55955.90631	55957.39453	505674.8	5409734.5
L5670.2	505674.8	5409733.4	13355.90039	430.89	0	48.840548	-86.922661	56137.29	56250.9	-0.93	56136.36	56138.03516	55962.05507	55963.20313	505674.8	5409733.4
L5670.2	505674.8	5409733.4	13356.00000	430.82	0	48.840548	-86.922661	56137.14	56250.9	-0.93	56136.21	56137.20313	55960.87203	55961.66016	505674.8	5409733.4
L5670.2	505674.8	5409731.8	13356.09961	430.24	0	48.840533	-86.922661	56137.16	56250.9	-0.93	56136.23	56136.51953	55964.08542	55964.49609	505674.8	5409731.8
L5670.2	505674.8	5409731.8	13356.20020	432.43	0	48.840533	-86.922661	56137.24	56250.9	-0.93	56136.31	56135.87500	55968.82742	55968.83984	505674.8	5409731.8
L5670.2	505674.8	5409730.0	13356.20020	432.43	0	48.840517	-86.922661	56137.42	56250.9	-0.93	56136.49	56135.31250	55976.13964	55975.73047	505674.8	5409730.0
L5670.2	505674.8	5409728.3	13356.40039	433.33	0	48.840503	-86.922661	56137.29	56250.9	-0.93	56136.36	56134.41797	55975.33468	55974.48047	505674.8	5409728.3
L5670.2	505674.8	5409728.3	13356.50000	432.73	0	48.840503	-86.922661	56137.37	56250.9	-0.93	56136.44	56133.71484	55979.96465	55978.64453	505674.8	5409728.3
L5670.2	505674.8	5409726.4	13356.59961	434.32	0	48.840485	-86.922661	56137.19	56250.9	-0.93	56136.26	56132.73047	55977.77799	55975.96875	505674.8	5409726.4
L5670.2	505674.8	5409725.1	13356.70020	433.19	0	48.840473	-86.922661	56137.09	56250.9	-0.93	56136.16	56131.80469	55977.63496	55975.31250	505674.8	5409725.1
L5670.2	505674.8	5409725.1	13356.79981	431.12	0	48.840473	-86.922661	56137.12	56250.9	-0.93	56136.19	56130.98828	55980.83707	55977.97656	505674.8	5409725.1
L5670.2	505674.8	5409723.4	13356.90039	429.88	0	48.840458	-86.922661	56137.26	56250.9	-0.93	56136.33	56130.26563	55986.86119	55983.43359	505674.8	5409723.4
L5670.2	505674.8	5409721.8	13357.00000	430.23	0	48.840444	-86.922661	56137.44	56250.9	-0.93	56136.51	56129.55859	55993.88087	55989.86328	505674.8	5409721.8
L5670.2	505674.8	5409721.8	13357.09961	430.54	0	48.840444	-86.922661	56137.49	56250.9	-0.93	56136.57	56128.71094	55997.72375	55993.09375	505674.8	5409721.8
L5670.2	505674.8	5409720.4	13357.20020	430.91	0	48.840431	-86.922661	56137.46	56250.9	-0.92	56136.54	56127.75391	55999.16954	55993.89453	505674.8	5409720.4
L5670.2	505674.8	5409718.8	13357.29981	429.83	0	48.840417	-86.922662	56137.48	56250.9	-0.92	56136.56	56126.82813	56001.86492	55995.92188	505674.8	5409718.8
L5670.2	505674.8	5409718.8	13357.40039	430.53	0	48.840417	-86.922662	56137.37	56250.9	-0.91	56136.45	56125.75000	56001.11590	55994.47266	505674.8	5409718.8
L5670.2	505674.8	5409717.2	13357.50000	431.39	0	48.840402	-86.922662	56137.26	56250.9	-0.91	56136.35	56124.66406	56000.56899	55993.19922	505674.8	5409717.2
L5670.2	505674.7	5409715.7	13357.59961	432.58	0	48.840389	-86.922662	56137.26	56250.9	-0.91	56136.36	56123.66406	56002.82800	55994.70313	505674.7	5409715.7
L5670.2	505674.7	5409714.4	13357.70020	434.04	0	48.840377	-86.922662	56137.39	56250.9	-0.90	56136.49	56122.76563	56008.15095	55999.24219	505674.7	5409714.4
L5670.2	505674.7	5409714.4	13357.79981	433.37	0	48.840377	-86.922662	56137.46	56250.9	-0.90	56136.57	56121.79688	56012.10424	56002.37891	505674.7	5409714.4
L5670.2	505674.7	5409712.6	13357.90039	433.41	0	48.840361	-86.922662	56137.42	56250.9	-0.89	56136.52	56120.67969	56012.60000	56002.02734	505674.7	5409712.6
L5670.2	505674.7	5409711.1	13358.00000	432.75	0	48.840348	-86.922663	56137.29	56250.9	-0.89	56136.40	56119.47266	56011.19933	55999.75000	505674.7	5409711.1
L5670.2	505674.7	5409711.1	13358.09961	434.76	0	48.840348	-86.922663	56137.34	56250.9	-0.89	56136.45	56118.41797	56014.15487	56001.79297	505674.7	5409711.1
L5670.2	505674.7	5409709.6	13358.20020	434.67	0	48.840334	-86.922663	56137.34	56250.9	-0.89	56136.45	56117.28906	56015.72975	56002.42578	505674.7	5409709.6
L5670.2	505674.7	5409708.0	13358.20020	434.67	0	48.840320	-86.922663	56137.57	56250.9	-0.89	56136.68	56116.37500	56023.21923	56008.94141	505674.7	5409708.0
L5670.2	505674.7	5409708.0	13358.40039	436.08	0	48.840320	-86.922663	56137.52	56250.9	-0.88	56136.64	56115.17188	56023.58852	56008.30078	505674.7	5409708.0
L5670.2	505674.7	5409706.7	13358.50000	435.98	0	48.840308	-86.922663	56137.71	56250.9	-0.88	56136.83	56114.17969	56029.86709	56013.53906	505674.7	5409706.7
L5670.2	505674.7	5409705.4	13358.59961	435.55	0	48.840296	-86.922663	56137.65	56250.9	-0.88	56136.77	56112.91797	56029.54160	56012.13672	505674.7	5409705.4
L5670.2	505674.7	5409703.7	13358.70020	434.96	0	48.840281	-86.922663	56137.65	56250.9	-0.88	56136.77	56111.69922	56030.68947	56012.17188	505674.7	5409703.7
L5670.2	505674.7	5409703.7	13358.79981	434.36	0	48.840281	-86.922663	56137.54	56250.9	-0.87	56136.67	56110.36328	56029.13812	56009.47266	505674.7	5409703.7
L5670.2	505674.7	5409702.5	13358.90039	435.81	0	48.840270	-86.922663	56137.44	56250.9	-0.87	56136.57	56109.01172	56027.49175	56006.64453	505674.7	5409702.5
L5670.2	505674.7	5409701.2	13359.00000	434.68	0	48.840259	-86.922663	56137.62	56250.9	-0.87	56136.75	56107.92188	56033.04628	56010.98047	505674.7	5409701.2
L5670.2	505674.7	5409699.4	13359.09961	435.51	0	48.840243	-86.922663	56137.62	56250.9	-0.87	56136.75	56106.63281	56033.81030	56010.48828	505674.7	5409699.4
L5670.2	505674.7	5409699.4	13359.20020	434.90	0	48.840243	-86.922663	56137.74	56250.9	-0.87	56136.87	56105.44922	56037.60139	56012.98438	505674.7	5409699.4
L5670.2	505674.7	5409698.3	13359.29981	435.29	0	48.840232	-86.922663	56137.75	56250.9	-0.87	56136.87	56104.12891	56038.16266	56012.21484	505674.7	5409698.3
L5670.2	505674.7	5409698.3	13359.40039	435.15	0	48.840232	-86.922663	56138.16	56250.9	-0.87	56137.28	56103.20703	56049.30687	56021.99219	505674.7	5409698.3
L5670.2	505674.6	5409696.6	13359.50000	435.33	0	48.840217	-86.922664	56137.98	56250.9	-0.88	56137.10	56101.67578	56044.96885	56016.24609	505674.6	5409696.6
L5670.2	505674.6	5409695.4	13359.59961	434.54	0	48.840206	-86.922664	56137.92	56250.9	-0.88	56137.04	56100.25391	56043.65342	56013.48438	505674.6	5409695.4
L5670.2	505674.6	5409694.1	13359.70020	435.02	0	48.840194	-86.922664	56138.03	56250.9	-0.88	56137.15	56098.98438	56046.66336	56015.01172	505674.6	5409694.1
L5670.2	505674.6	5409694.1	13359.79981	434.91	0	48.840194	-86.922664	56138.16	56250.9	-0.88	56137.28	56097.72266	56050.08888	56016.91406	505674.6	5409694.1
L5670.2	505674.6	5409692.6	13359.90039	434.67	0	48.840181	-86.922664	56138.27	56250.9	-0.88	56137.39	56096.42969	56052.88761	56018.14844	505674.6	5409692.6
L5670.2	505674.6	5409692.6	13360.00000	432.87	0	48.840181	-86.922664	56138.00	56250.9	-0.88	56137.12	56094.74219	56045.67696	56009.33203	505674.6	5409692.6
L5670.2	505674.6	5409691.4	13360.09961	433.18	0	48.840170	-86.922665	56138.16	56250.9	-0.88	56137.28	56093.47266	56049.56978	56011.58203	505674.6	5409691.4
L5670.2	505674.5	5409690.0	13360.20020	434.20	0	48.840158	-86.922665	56138.07	56250.9	-0.88	56137.19	56091.93750	56046.84368	56007.17188	505674.5	5409690.0
L5670.2	505674.5	5409688.8	13360.20020	434.20	0	48.840147	-86.922665	56138.25	56250.9	-0.88	56137.37	56090.66797	56051.05367	56009.65625	505674.5	5409688.8
L5670.2	505674.5	5409688.8	13360.40039	435.38	0	48.840147	-86.922665	56138.41	56250.9	-0.88	56137.53	56089.36328	56054.64317	56011.47656	505674.5	5409688.8
L5670.2	505674.5	5409687.4	13360.50000	435.04	0	48.840135	-86.922666	56138.47	56250.9	-0.88	56137.59	56087.95313	56055.52950	56010.55859	505674.5	5409687.4
L5670.2	505674.4	5409686.4	13360.59961	435.18	0	48.840125	-86.922666	56138.54	56250.9	-0.88	56137.66	56086.53906	56056.58260	56009.76172	505674.4	5409686.4
L5670.2	505674.4	5409686.4	13360.70020	435.23	0	48.840125	-86.922666	56138.66	56250.9	-0.88	56137.78	56085.16406	56058.84836	56010.13281	505674.4	5409686.4
L5670.2	505674.4	5409685.2	13360.79981	434.97	0	48.840114	-86.922667	56138.56	56250.9	-0.88	56137.68	56083.56641	56055.29320	56004.64453	505674.4	5409685.2
L5670.2	505674.4	5409684.0	13360.90039	433.32	0	48.840103	-86.922668	56138.50	56250.9	-0.88	56137.62	56081.99609	56052.69806	56000.07422	505674.4	5409684.0
L5670.2	505674.4	5409684.0	13361.00000	430.97	0	48.840103	-86.922668	56138.38	56250.9	-0.88	56137.50	56080.35938	56048.46119	55993.82031	505674.4	5409684.0
L5670.2	505674.3	5409681.8	13361.09961	430.72	0	48.840084	-86.922669	56138.35	56250.9	-0.88	56137.47	56078.80859	56046.49740	55989.79688	505674.3	5409681.8
L5670.2	505674.3	5409681.8	13361.20020	429.29	0	48.840084	-86.922669	56138.58	56250.9	-0.88	56137.70	56077.50781	56051.24324	55992.44141	505674.3	5409681.8
L5670.2	505674.2	5409680.2	13361.29981	428.63	0	48.840070	-86.922669	56138.56	56250.9	-0.88	56137.68	56075.95313	56049.41211	55988.46484	505674.2	5409680.2
L5670.2	505674.2	5409680.2	13361.40039	430.28	0	48.840070	-86.922669	56138.55	56250.9	-0.88	56137.68	56074.41406	56048.04796	55984.91406	505674.2	5409680.2
L5670.2	505674.2	5409679.2	13361.50000	431.45	0	48.840061	-86.922670	56138.66	56250.9	-0.88	56137.79	56072.97656	56049.50365	55984.13672	505674.2	5409679.2
L5670.2	505674.2	5409679.2	13361.59961	431.94	0	48.840061	-86.922670	56138.68	56250.9	-0.87	56137.81	56071.44531	56048.57394	55980.93359	505674.2	5409679.2
L5670.2	505674.2	5409677.9	13361.70020	431.66	0	48.840049	-86.922670	56138.66	56250.9	-0.87	56137.78	56069.86328	56046.30948	55976.35547	505674.2	5409677.9
L5670.2	505674.1	5409677.1	13361.79981	432.98	0	48.840041	-86.922671	56138.66	56250.9	-0.87	56137.79	56068.31641	56045.06458	55972.75000	505674.1	5409677.1
L5670.2	505674.1	5409677.1	13361.90039	430.96	0	48.840041	-86.922671	56138.70	56250.9	-0.87	56137.83	56066.79688	56044.58764	55969.87109	505674.1	5409677.1
L5670.2	505674.1	5409676.0	13362.00000	431.90	0	48.840032	-86.922672	56138.89	56250.9	-0.87	56138.02	56065.42578	56048.01584	55970.85547	505674.1	5409676.0
L5670.2	505674.0	5409675.0	13362.09961	435.00	0	48.840023	-86.922672	56138.81	56250.9	-0.87	56137.93	56063.76953	56044.15156	55964.50781	505674.0	5409675.0
L5670.2	505674.0	5409674.0	13362.20020	433.75	0	48.840014	-86.922673	56138.89	56250.9	-0.87	56138.02	56062.29297	56044.99471	55962.82031	505674.0	5409674.0
L5670.2	505673.9	5409673.1	13362.20020	433.75	0	48.840006	-86.922674	56138.88	56250.9	-0.87	56138.01	56060.71875	56043.25818	55958.51172	505673.9	5409673.1
L5670.2	505673.9	5409673.1	13362.40039	433.93	0	48.840006	-86.922674	56138.86	56250.9	-0.87	56137.99	56059.13281	56041.29901	55953.93750	505673.9	5409673.1
L5670.2	505673.9	5409672.2	13362.50000	432.45	0	48.839997	-86.922674	56139.02	56250.9	-0.87	56138.15	56057.72266	56044.08108	55954.06641	505673.9	5409672.2
L5670.2	505673.9	5409671.2	13362.59961	432.98	0	48.839989	-86.922675	56139.11	56250.9	-0.87	56138.24	56056.24609	56045.10041	55952.38672	505673.9	5409671.2
L5670.2	505673.8	5409670.2	13362.70020	435.09	0	48.839980	-86.922675	56139.12	56250.9	-0.87	56138.25	56054.69141	56044.10883	55948.65625	505673.8	5409670.2

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5670.2	505673.8	5409670.2	13362.79981	433.41	0	48.839980	-86.922675	56138.98	56250.9	-0.87	56138.11	56052.98828	56039.29464	55941.05859	505673.8	5409670.2
L5670.2	505673.8	5409669.3	13362.90039	434.56	0	48.839971	-86.922676	56139.11	56250.9	-0.87	56138.24	56051.55469	56041.61795	55940.56250	505673.8	5409669.3
L5670.2	505673.7	5409668.4	13363.00000	434.33	0	48.839963	-86.922677	56138.99	56250.9	-0.87	56138.12	56049.87500	56037.53883	55933.61719	505673.7	5409668.4
L5670.2	505673.7	5409668.4	13363.09961	430.02	0	48.839963	-86.922677	56138.96	56250.9	-0.87	56138.09	56048.28516	56035.93287	55929.10938	505673.7	5409668.4
L5670.2	505673.6	5409667.4	13363.20020	430.61	0	48.839955	-86.922678	56138.88	56250.9	-0.87	56138.01	56046.64844	56033.16507	55923.39453	505673.6	5409667.4
L5670.2	505673.6	5409666.5	13363.29981	432.84	0	48.839946	-86.922678	56138.91	56250.9	-0.86	56138.05	56045.13672	56033.68060	55920.92578	505673.6	5409666.5
L5670.2	505673.5	5409665.6	13363.40039	432.84	0	48.839938	-86.922679	56139.01	56250.9	-0.86	56138.15	56043.68750	56035.93007	55920.15234	505673.5	5409665.6
L5670.2	505673.5	5409665.6	13363.50000	432.47	0	48.839938	-86.922679	56139.11	56250.9	-0.86	56138.25	56042.24609	56038.36426	55919.52344	505673.5	5409665.6
L5670.2	505673.5	5409664.7	13363.59961	431.68	0	48.839930	-86.922680	56139.14	56250.9	-0.86	56138.29	56040.74219	56039.43410	55917.48828	505673.5	5409664.7
L5670.2	505673.5	5409664.7	13363.70020	431.57	0	48.839930	-86.922680	56139.14	56250.9	-0.86	56138.28	56039.19531	56039.41514	55914.32813	505673.5	5409664.7
L5670.2	505673.5	5409663.9	13363.79981	431.30	0	48.839923	-86.922680	56139.08	56250.9	-0.85	56138.23	56037.61328	56038.58302	55910.31641	505673.5	5409663.9
L5670.2	505673.4	5409663.0	13363.90039	432.22	0	48.839914	-86.922681	56138.99	56250.9	-0.85	56138.14	56035.99609	56036.95276	55905.46875	505673.4	5409663.0
L5670.2	505673.4	5409662.2	13364.00000	432.70	0	48.839907	-86.922681	56139.01	56250.8	-0.85	56138.16	56034.49219	56038.44907	55903.71094	505673.4	5409662.2
L5670.2	505673.4	5409662.2	13364.09961	432.60	0	48.839907	-86.922681	56139.16	56250.9	-0.85	56138.31	56033.12500	56043.60827	55905.57813	505673.4	5409662.2
L5670.2	505673.3	5409661.5	13364.20020	434.08	0	48.839901	-86.922682	56139.30	56250.9	-0.86	56138.44	56031.74219	56048.53573	55907.17969	505673.3	5409661.5
L5670.2	505673.3	5409660.8	13364.20020	434.08	0	48.839895	-86.922682	56139.31	56250.9	-0.86	56138.46	56030.25781	56050.90057	55906.17969	505673.3	5409660.8
L5670.2	505673.3	5409659.7	13364.40039	438.60	0	48.839885	-86.922683	56139.34	56250.9	-0.86	56138.48	56028.77734	56053.58465	55905.46875	505673.3	5409659.7
L5670.2	505673.3	5409659.7	13364.50000	438.00	0	48.839885	-86.922683	56139.27	56250.9	-0.86	56138.40	56027.20313	56053.99616	55902.44531	505673.3	5409659.7
L5670.2	505673.2	5409659.1	13364.59961	436.86	0	48.839879	-86.922684	56139.36	56250.9	-0.87	56138.50	56025.81250	56059.44749	55904.42969	505673.2	5409659.1
L5670.2	505673.2	5409658.4	13364.70020	435.42	0	48.839873	-86.922684	56139.48	56250.9	-0.87	56138.61	56024.44141	56065.52194	55907.00391	505673.2	5409658.4
L5670.2	505673.1	5409657.7	13364.79981	435.02	0	48.839867	-86.922685	56139.56	56250.9	-0.87	56138.69	56023.04297	56071.19084	55909.14063	505673.1	5409657.7
L5670.2	505673.1	5409657.7	13364.90039	433.97	0	48.839867	-86.922685	56139.54	56250.9	-0.88	56138.66	56021.54297	56074.38269	55908.76953	505673.1	5409657.7
L5670.2	505673.1	5409657.0	13365.00000	434.20	0	48.839861	-86.922686	56139.54	56250.9	-0.88	56138.66	56020.08203	56078.75973	55909.55078	505673.1	5409657.0
L5670.2	505673.0	5409656.2	13365.09961	432.58	0	48.839854	-86.922687	56139.55	56250.9	-0.88	56138.68	56018.64453	56084.07421	55911.24219	505673.0	5409656.2
L5670.2	505672.9	5409655.7	13365.20020	435.50	0	48.839849	-86.922687	56139.62	56250.9	-0.87	56138.75	56017.26172	56091.12053	55914.62891	505672.9	5409655.7
L5670.2	505672.9	5409655.7	13365.29981	436.53	0	48.839849	-86.922687	56139.70	56250.9	-0.87	56138.83	56015.89844	56098.86813	55918.69531	505672.9	5409655.7
L5670.2	505672.9	5409654.9	13365.40039	437.66	0	48.839842	-86.922688	56139.62	56250.9	-0.86	56138.76	56014.39063	56103.15829	55919.26953	505672.9	5409654.9
L5670.2	505672.9	5409654.9	13365.50000	437.44	0	48.839842	-86.922688	56139.52	56250.9	-0.86	56138.66	56012.85547	56107.12972	55919.50000	505672.9	5409654.9
L5670.2	505672.8	5409654.1	13365.59961	437.02	0	48.839835	-86.922689	56139.39	56250.9	-0.86	56138.53	56011.30078	56110.79289	55919.39453	505672.8	5409654.1
L5670.2	505672.8	5409653.7	13365.70020	434.19	0	48.839831	-86.922690	56139.22	56250.9	-0.85	56138.37	56009.71875	56114.15766	55918.96875	505672.8	5409653.7
L5670.2	505672.7	5409653.2	13365.79981	433.11	0	48.839826	-86.922690	56139.29	56250.8	-0.85	56138.44	56008.37891	56124.00999	55925.00000	505672.7	5409653.2
L5670.2	505672.7	5409652.6	13365.90039	435.14	0	48.839821	-86.922691	56139.44	56250.8	-0.84	56138.59	56007.12109	56136.44888	55933.59766	505672.7	5409652.6
L5670.2	505672.7	5409652.6	13366.00000	435.32	0	48.839821	-86.922691	56139.70	56250.8	-0.84	56138.86	56005.98828	56152.52483	55945.80469	505672.7	5409652.6
L5670.2	505672.6	5409652.1	13366.09961	433.49	0	48.839816	-86.922692	56139.87	56250.8	-0.84	56139.03	56004.76172	56166.51097	55955.90234	505672.6	5409652.1
L5670.2	505672.6	5409651.5	13366.20020	436.60	0	48.839812	-86.922692	56139.81	56250.8	-0.84	56138.97	56003.31250	56175.02550	55960.50391	505672.6	5409651.5
L5670.2	505672.5	5409651.1	13366.20020	436.60	0	48.839807	-86.922693	56139.70	56250.8	-0.84	56138.86	56001.81641	56182.76573	55964.31250	505672.5	5409651.1
L5670.2	505672.5	5409651.1	13366.40039	435.74	0	48.839807	-86.922693	56139.74	56250.8	-0.83	56138.91	56000.48828	56195.21016	55972.80859	505672.5	5409651.1
L5670.2	505672.5	5409650.6	13366.50000	434.04	0	48.839803	-86.922694	56139.79	56250.8	-0.83	56138.96	55999.16406	56208.19272	55981.82031	505672.5	5409650.6
L5670.2	505672.5	5409650.6	13366.59961	429.31	0	48.839803	-86.922694	56139.77	56250.8	-0.83	56138.94	55997.77344	56219.89235	55989.52734	505672.5	5409650.6
L5670.2	505672.4	5409650.0	13366.70020	429.65	0	48.839798	-86.922695	56139.77	56250.8	-0.83	56138.94	55996.41016	56232.65741	55998.28906	505672.4	5409650.0
L5670.2	505672.3	5409649.5	13366.79981	430.52	0	48.839794	-86.922696	56139.74	56250.8	-0.82	56138.92	55995.03125	56245.44708	56007.05469	505672.3	5409649.5
L5670.2	505672.3	5409649.1	13366.90039	432.27	0	48.839789	-86.922697	56139.64	56250.8	-0.82	56138.82	55993.57422	56256.69841	56014.26953	505672.3	5409649.1
L5670.2	505672.3	5409649.1	13367.00000	431.38	0	48.839789	-86.922697	56139.62	56250.8	-0.82	56138.80	55992.20313	56270.58173	56024.10156	505672.3	5409649.1
L5670.2	505672.2	5409648.6	13367.09961	430.69	0	48.839785	-86.922697	56139.70	56250.8	-0.82	56138.88	55990.93359	56287.61748	56037.07031	505672.2	5409648.6
L5670.2	505672.2	5409648.2	13367.20020	430.76	0	48.839782	-86.922698	56139.83	56250.8	-0.82	56139.01	55989.71875	56306.50076	56051.87500	505672.2	5409648.2
L5670.2	505672.2	5409648.2	13367.29981	430.61	0	48.839782	-86.922698	56139.89	56250.8	-0.82	56139.08	55988.44922	56324.36195	56065.64844	505672.2	5409648.2
L5670.2	505672.1	5409647.6	13367.40039	434.98	0	48.839776	-86.922699	56139.97	56250.8	-0.82	56139.15	55987.17969	56342.76146	56079.94922	505672.1	5409647.6
L5670.2	505672.0	5409647.2	13367.50000	434.79	0	48.839773	-86.922700	56139.89	56250.8	-0.82	56139.08	55985.77344	56358.04597	56091.12500	505672.0	5409647.2
L5670.2	505672.0	5409646.9	13367.59961	434.96	0	48.839770	-86.922700	56140.07	56250.8	-0.81	56139.26	55984.62109	56380.37533	56109.33594	505672.0	5409646.9
L5670.2	505672.0	5409646.9	13367.70020	434.76	0	48.839770	-86.922700	56140.05	56250.8	-0.81	56139.23	55983.26172	56397.75396	56122.59375	505672.0	5409646.9
L5670.2	505671.9	5409646.5	13367.79981	436.43	0	48.839767	-86.922701	56139.97	56250.8	-0.81	56139.16	55981.86328	56414.60586	56135.31250	505671.9	5409646.5
L5670.2	505671.9	5409646.5	13367.90039	436.90	0	48.839767	-86.922701	56139.89	56250.8	-0.81	56139.08	55980.45313	56431.70521	56148.27734	505671.9	5409646.5
L5670.2	505671.9	5409646.1	13368.00000	437.32	0	48.839763	-86.922702	56140.02	56250.8	-0.81	56139.21	55979.25781	56454.77755	56167.21094	505671.9	5409646.1
L5670.2	505671.8	5409645.9	13368.09961	436.03	0	48.839761	-86.922703	56139.97	56250.8	-0.81	56139.16	55977.88281	56473.64843	56181.93750	505671.8	5409645.9
L5670.2	505671.8	5409645.6	13368.20020	438.18	0	48.839758	-86.922703	56139.89	56250.8	-0.81	56139.08	55976.47656	56492.21731	56196.36328	505671.8	5409645.6
L5670.2	505671.8	5409645.6	13368.20020	438.18	0	48.839758	-86.922703	56140.02	56250.8	-0.81	56139.21	55975.28516	56516.72861	56216.73047	505671.8	5409645.6
L5720.0	505722.3	5409682.2	8972.90039	352.44	0	48.840087	-86.922014	56066.90	56251.6	-1.65	56065.25	56113.64453	56054.82189	56032.95703	505722.3	5409682.2
L5720.0	505722.3	5409682.2	8973.00000	353.88	0	48.840087	-86.922014	56066.56	56251.7	-1.65	56064.91	56112.52344	56044.39989	56022.21094	505722.3	5409682.2
L5720.0	505722.3	5409681.9	8973.09961	354.32	0	48.840085	-86.922014	56066.49	56251.7	-1.65	56064.84	56111.67578	56040.69674	56018.18359	505722.3	5409681.9
L5720.0	505722.3	5409681.6	8973.20020	354.10	0	48.840082	-86.922014	56066.44	56251.7	-1.65	56064.79	56110.84375	56037.39010	56014.55469	505722.3	5409681.6
L5720.0	505722.3	5409681.6	8973.29981	364.38	0	48.840082	-86.922014	56066.49	56251.7	-1.65	56064.84	56110.11328	56036.49946	56013.34375	505722.3	5409681.6
L5720.0	505722.3	5409681.4	8973.40039	361.77	0	48.840080	-86.922014	56066.66	56251.7	-1.65	56065.01	56109.50000	56038.52780	56015.04688	505722.3	5409681.4
L5720.0	505722.3	5409681.4	8973.50000	363.03	0	48.840080	-86.922014	56066.57	56251.7	-1.65	56064.92	56108.62500	56033.86700	56010.06250	505722.3	5409681.4
L5720.0	505722.3	5409680.8	8973.59961	362.72	0	48.840074	-86.922015	56066.80	56251.7	-1.65	56065.15	56108.07422	56037.17601	56013.05078	505722.3	5409680.8
L5720.0	505722.3	5409680.8	8973.70020	362.23	0	48.840074	-86.922015	56066.79	56251.7	-1.65	56065.14	56107.27734	56034.29698	56009.84766	505722.3	5409680.8
L5720.0	505722.2	5409680.5	8973.79981	361.06	0	48.840072	-86.922015	56067.10	56251.7	-1.65	56065.45	56106.80469	56039.38362	56014.60938	505722.2	5409680.5
L5720.0	505722.2	5409680.2	8973.79981	361.06	0	48.840069	-86.922016	56067.22	56251.7	-1.65	56065.57	56106.13672	56039.54230	56014.44141	505722.2	5409680.2
L5720.0	505722.2	5409680.2	8974.00000	344.96	0	48.840069	-86.922016	56067.51	56251.7	-1.65	56065.86	56105.63672	56043.87148	56018.44531	505722.2	5409680.2
L5720.0	505722.2	5409679.8	8974.09961	354.07	0	48.840065	-86.922016	56067.68	56251.7	-1.65	56066.03	56105.01563	56045.03906	56019.28516	505722.2	5409679.8
L5720.0	505722.1	5409679.4	8974.20020	355.60	0	48.840062	-86.922017	56067.96	56251.7	-1.65	56066.31	56104.50391	56048.85772	56022.77734	505722.1	5409679.4
L5720.0	505722.1	5409679.0	8974.29981	354.50	0	48.840059	-86.922018	56068.23	56251.7	-1.65	56066.58	56103.98047	56052.29302	56025.88281	505722.1	5409679.0
L5720.0	505722.1	5409679.0	8974.40039	356.87	0	48.840059	-86.922018	56068.29	56251.7	-1.65	56066.64	56103.24609	56050.28848	56023.54688	505722.1	5409679.0
L5720.0	505722.0	5409678.6	8974.50000	358.10	0	48.840055	-86.922018	56068.54	56251.7	-1.65	56066.89	56102.69922	56052.95464	56025.88281	505722.0	5409678.6
L5720.0	505722.0	5409678.2	8974.59961	356.63	0	48.840051	-86.922019	56068.56	56251.7	-1.65	56066.91	56101.92188	56049.67425	56022.27344	505722.0	5409678.2
L5720.0	505721.9	5409677.7	8974.70020	356.62	0	48.840046	-86.922020	56068.94	56251.7	-1.65	56067.29	56101.50000	56055.36109	56027.62891	505721.9	5409677.7
L5720.0	505721.9	5409677.7	8974.79981	357.13	0	48.840046	-86.922020	56069.13	56251.7	-1.65	56067.47	56100.87500	56055.85943	56027.79297	505721.9	5409677.7
L5720.0	505721.8	5409677.0	8974.90039	357.53	0	48.840041	-86.922021	56069.32	56251.7	-1.65	56067.67	56100.26953	56056.73060	56028.32813	505721.8	5409677.0
L5720.0	505721.8	5409676.4	8975.00000	361.38	0	48.840035	-86.922022	56069.32	56251.7	-1.65	56067.67	56099.46094	56052.41383	56023.67578	505721.8	5409676.4
L5720.0	505721.8	5409676.4	8975.09961	362.68	0	48.840035	-86.922022	56069.24	56251.6	-1.65	56067.59	56098.57031	56045.94309	56016.86719	505721.8	5409676.4
L5720.0	505721.7	5409676.0	8975.20020	361.65	0	48.840031	-86.922022	56069.30	56251.6	-1.65	56067.65	56097.81641	56042.88035	56013.46484	505721.7	5409676.0
L5720.0	505721.7	5409676.0	8975.29981	361.24	0	48.840031	-86.922022	56069.40	56251.6	-1.64	56067.75	56097.09766	56040.69886	56010.94531	505721.7	5409676.0
L5720.0	505721.7	5409675.2	8975.40039	360.62	0	48.840024	-86.922023	56069.65	56251.6	-1.64	56068.01	56096.53906	56042.43324	56012.33594	505721.7	5409675.2
L5720.0	505721.7	5409674.6	8975.50000	362.31	0	48.840019	-86.922023	56069.68	56251.6	-1.64	56068.04	56095.74609	56038.22652	56007.78516	505721.7	5409674.6
L5720.0	505721.7	5409673.9	8975.59961	362.85	0	48.840013	-86.922023	56069.96	56251.6	-1.64	56068.32	56095.19922	56040.21383	56009.42969	505721.7	5409673.9
L5720.0	505721.7	5409673.9	8975.70020	363.37	0	48.840013	-86.922023	56070.16	56251.6	-1.64	56068.52	56094.57031	56040.05533	56008.92578	505721.7	5409673.9
L5720.0	505721.7	5409673.3	8975.79981	364.41	0	48.840007	-86.922023	56070.94	56251.6	-1.63	56069.30	56094.51953	56054.43660	56022.95703	505721.7	5409673.3
L5720.0	505721.7	5409672.7	8975.79981	364.41	0	48.840002	-86.922023	56071.04	56251.6	-1.63	56069.41	56093.79688	56051.76242	56019.93359	505721.7	5409672.7
L5720.0	505721.7	5409672.7	8976.00000	366.68	0	48.840002	-86.922023	56071.38	56251.6	-1.63	56069.75	56093.30078	56054.78550	56022.60547	505721.7	5409672.7
L5720.0	505721.7	5409672.0	8976.09961	365.78	0	48.839995	-86.922022	56071.88	56251.6	-1.63	56070.25	56092.95703	56061.73906	56029.20703	505721.7	5409672.0
L5720.0	505721.7	5409672.0	8976.20020	364.56	0	48.839995	-86.922022	56072.14	56251.6	-1.63	56070.51	56092.37500	56062.51479	56029.62891	505721.7	5409672.0
L5720.0	505721.8	5409671.2	8976.29981	364.85	0	48.839988	-86.922022	56072.34	56251.6	-1.63	56070.71	56091.72656	56061.66577	56028.42188	505721.8	5409671.2
L5720.0	505721.8	5409670.2	8976.40039	364.94	0	48.839979	-86.922021	56072.71	56251.6	-1.63	56071.08	56091.24609	56065.00918	56031.40625	505721.8	5409670.2
L5720.0	505721.9	5409669.5	8976.50000	363.28	0	48.839972	-86.922020	56073.10	56251.6	-1.63	56071.47	56090.78516	56068.75674	56034.79297	505721.9	5409669.5

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5720.0	505721.9	5409669.5	8976.59961	363.45	0	48.839972	-86.922020	56073.29	56251.6	-1.63	56071.66	56090.11719	56067.35082	56033.02344	505721.9	5409669.5
L5720.0	505721.9	5409668.6	8976.70020	353.67	0	48.839965	-86.922019	56073.47	56251.6	-1.63	56071.84	56089.43750	56065.59797	56030.90625	505721.9	5409668.6
L5720.0	505721.9	5409668.6	8976.79981	353.94	0	48.839965	-86.922019	56073.82	56251.6	-1.63	56072.19	56088.92578	56068.05209	56032.99219	505721.9	5409668.6
L5720.0	505722.0	5409667.9	8976.90039	366.66	0	48.839958	-86.922019	56074.66	56251.6	-1.63	56073.03	56088.90234	56082.80614	56047.37891	505722.0	5409667.9
L5720.0	505722.0	5409667.9	8977.00000	368.78	0	48.839958	-86.922019	56074.86	56251.6	-1.63	56073.23	56088.23438	56081.30009	56045.50000	505722.0	5409667.9
L5720.0	505722.0	5409666.9	8977.09961	368.94	0	48.839949	-86.922018	56074.89	56251.6	-1.63	56073.26	56087.39063	56075.41884	56039.24609	505722.0	5409666.9
L5720.0	505722.1	5409666.1	8977.20020	368.59	0	48.839942	-86.922018	56074.61	56251.6	-1.63	56072.98	56086.23828	56061.62783	56025.08203	505722.1	5409666.1
L5720.0	505722.1	5409665.2	8977.29981	367.39	0	48.839934	-86.922017	56074.74	56251.6	-1.63	56073.11	56085.48828	56058.13167	56021.20703	505722.1	5409665.2
L5720.0	505722.1	5409665.2	8977.40039	364.42	0	48.839934	-86.922017	56075.16	56251.6	-1.63	56073.53	56085.03125	56061.90154	56024.59766	505722.1	5409665.2
L5720.0	505722.1	5409664.3	8977.50000	364.64	0	48.839926	-86.922017	56075.73	56251.6	-1.63	56074.10	56084.71875	56069.40314	56031.71875	505722.1	5409664.3
L5720.0	505722.2	5409663.1	8977.59961	366.51	0	48.839915	-86.922017	56076.25	56251.6	-1.63	56074.62	56084.35156	56075.58557	56037.51953	505722.2	5409663.1
L5720.0	505722.2	5409663.1	8977.70020	365.64	0	48.839915	-86.922017	56076.52	56251.6	-1.63	56074.89	56083.73438	56075.39796	56036.94531	505722.2	5409663.1
L5720.0	505722.2	5409662.1	8977.79981	364.93	0	48.839906	-86.922016	56076.64	56251.6	-1.63	56075.01	56082.96484	56071.37292	56032.53516	505722.2	5409662.1
L5720.0	505722.2	5409661.2	8977.79981	364.93	0	48.839899	-86.922016	56077.06	56251.6	-1.63	56075.43	56082.49219	56074.89041	56035.66016	505722.2	5409661.2
L5720.0	505722.2	5409661.2	8978.00000	362.43	0	48.839899	-86.922016	56077.39	56251.6	-1.63	56075.76	56081.92578	56076.09686	56036.47656	505722.2	5409661.2
L5720.0	505722.2	5409660.0	8978.09961	363.86	0	48.839888	-86.922016	56077.44	56251.6	-1.63	56075.81	56081.08203	56070.19435	56030.17969	505722.2	5409660.0
L5720.0	505722.2	5409660.0	8978.20020	363.99	0	48.839888	-86.922016	56077.72	56251.6	-1.63	56076.09	56080.46094	56070.07957	56029.66797	505722.2	5409660.0
L5720.0	505722.2	5409659.0	8978.29981	362.62	0	48.839878	-86.922016	56078.13	56251.6	-1.63	56076.50	56079.97266	56073.22961	56032.42188	505722.2	5409659.0
L5720.0	505722.3	5409658.1	8978.40039	363.86	0	48.839870	-86.922015	56078.75	56251.6	-1.63	56077.12	56079.69141	56081.67163	56040.46094	505722.3	5409658.1
L5720.0	505722.3	5409657.3	8978.50000	359.68	0	48.839863	-86.922015	56079.04	56251.6	-1.63	56077.41	56079.07813	56081.76035	56040.14844	505722.3	5409657.3
L5720.0	505722.3	5409657.3	8978.59961	360.15	0	48.839863	-86.922015	56079.24	56251.6	-1.63	56077.61	56078.37109	56079.56736	56037.55078	505722.3	5409657.3
L5720.0	505722.3	5409656.4	8978.70020	361.34	0	48.839855	-86.922015	56079.57	56251.6	-1.63	56077.94	56077.79688	56080.65862	56038.23438	505722.3	5409656.4
L5720.0	505722.3	5409655.5	8978.79981	360.94	0	48.839847	-86.922015	56080.13	56251.6	-1.63	56078.50	56077.44922	56087.56671	56044.73438	505722.3	5409655.5
L5720.0	505722.3	5409654.4	8978.90039	361.43	0	48.839837	-86.922015	56080.25	56251.6	-1.63	56078.62	56076.66016	56083.36007	56040.11719	505722.3	5409654.4
L5720.0	505722.3	5409654.4	8979.00000	360.78	0	48.839837	-86.922015	56080.68	56251.6	-1.63	56079.05	56076.18359	56087.00184	56043.34766	505722.3	5409654.4
L5720.0	505722.3	5409653.0	8979.09961	360.16	0	48.839824	-86.922015	56081.02	56251.6	-1.63	56079.39	56075.61328	56088.38542	56044.31641	505722.3	5409653.0
L5720.0	505722.3	5409651.9	8979.20020	358.27	0	48.839814	-86.922014	56081.38	56251.6	-1.63	56079.75	56075.06250	56090.29588	56045.81250	505722.3	5409651.9
L5720.0	505722.3	5409651.9	8979.29981	357.70	0	48.839814	-86.922014	56081.89	56251.6	-1.63	56080.26	56074.66406	56096.02377	56051.12109	505722.3	5409651.9
L5720.0	505722.4	5409651.1	8979.40039	358.26	0	48.839807	-86.922014	56082.33	56251.6	-1.63	56080.70	56074.19531	56100.01227	56054.68750	505722.4	5409651.1
L5720.0	505722.4	5409650.0	8979.50000	360.30	0	48.839797	-86.922014	56082.40	56251.6	-1.63	56080.76	56073.34375	56094.42940	56048.68359	505722.4	5409650.0
L5720.0	505722.4	5409648.9	8979.59961	360.80	0	48.839788	-86.922014	56082.48	56251.6	-1.64	56080.84	56072.51563	56089.39051	56043.22266	505722.4	5409648.9
L5720.0	505722.4	5409648.9	8979.70020	359.42	0	48.839788	-86.922014	56082.73	56251.6	-1.64	56081.09	56071.85547	56088.69131	56042.09766	505722.4	5409648.9
L5720.0	505722.4	5409647.8	8979.79981	360.47	0	48.839777	-86.922014	56083.08	56251.6	-1.64	56081.44	56071.30078	56090.56624	56043.54297	505722.4	5409647.8
L5720.0	505722.4	5409646.7	8979.79981	360.47	0	48.839768	-86.922014	56083.24	56251.6	-1.64	56081.60	56070.55078	56087.68845	56040.23828	505722.4	5409646.7
L5720.0	505722.4	5409646.7	8980.00000	361.98	0	48.839768	-86.922014	56083.64	56251.6	-1.64	56082.00	56070.04688	56090.93116	56043.05078	505722.4	5409646.7
L5720.0	505722.4	5409645.5	8980.09961	360.74	0	48.839757	-86.922013	56084.24	56251.6	-1.64	56082.60	56069.74219	56099.28678	56050.97266	505722.4	5409645.5
L5720.0	505722.4	5409644.6	8980.20020	362.03	0	48.839748	-86.922013	56084.68	56251.6	-1.64	56083.03	56069.26953	56103.40585	56054.66016	505722.4	5409644.6
L5720.0	505722.4	5409644.6	8980.29981	359.88	0	48.839748	-86.922013	56084.81	56251.6	-1.64	56083.17	56068.51172	56100.25827	56051.07813	505722.4	5409644.6
L5720.0	505722.4	5409643.1	8980.40039	359.29	0	48.839735	-86.922013	56084.72	56251.6	-1.64	56083.08	56067.52344	56091.36386	56041.74609	505722.4	5409643.1
L5720.0	505722.5	5409642.2	8980.50000	358.17	0	48.839727	-86.922013	56084.83	56251.6	-1.65	56083.18	56066.72656	56087.34240	56037.28516	505722.5	5409642.2
L5720.0	505722.5	5409640.9	8980.59961	361.22	0	48.839716	-86.922012	56084.96	56251.6	-1.65	56083.31	56065.96484	56084.15227	56033.65625	505722.5	5409640.9
L5720.0	505722.5	5409640.9	8980.70020	364.67	0	48.839716	-86.922012	56085.56	56251.6	-1.65	56083.92	56065.68359	56093.17129	56042.23438	505722.5	5409640.9
L5720.0	505722.5	5409639.4	8980.79981	363.81	0	48.839702	-86.922012	56085.79	56251.6	-1.65	56084.14	56065.01563	56092.41019	56041.03125	505722.5	5409639.4
L5720.0	505722.5	5409639.4	8980.90039	363.01	0	48.839702	-86.922012	56086.22	56251.6	-1.65	56084.57	56064.56250	56097.03822	56045.21875	505722.5	5409639.4
L5720.0	505722.6	5409638.3	8981.00000	362.97	0	48.839692	-86.922012	56086.09	56251.7	-1.65	56084.44	56063.55078	56087.59361	56035.32813	505722.6	5409638.3
L5720.0	505722.6	5409637.3	8981.09961	362.83	0	48.839683	-86.922011	56086.58	56251.7	-1.65	56084.93	56063.16406	56093.90661	56041.19531	505722.6	5409637.3
L5720.0	505722.6	5409637.3	8981.20020	362.82	0	48.839683	-86.922011	56086.78	56251.7	-1.65	56085.13	56062.49219	56092.97624	56039.82031	505722.6	5409637.3
L5720.0	505722.6	5409636.2	8981.29981	362.73	0	48.839673	-86.922011	56087.16	56251.7	-1.65	56085.51	56062.00391	56096.68508	56043.08203	505722.6	5409636.2
L5720.0	505722.6	5409635.1	8981.40039	364.38	0	48.839663	-86.922011	56087.54	56251.7	-1.65	56085.89	56061.51563	56100.48485	56046.42969	505722.6	5409635.1
L5720.0	505722.6	5409634.1	8981.50000	365.02	0	48.839654	-86.922010	56087.66	56251.7	-1.65	56086.01	56060.77734	56097.80490	56043.30078	505722.6	5409634.1
L5720.0	505722.6	5409634.1	8981.59961	363.22	0	48.839654	-86.922010	56087.94	56251.7	-1.65	56086.29	56060.20313	56099.26351	56044.30859	505722.6	5409634.1
L5720.0	505722.7	5409631.3	8981.70020	359.67	0	48.839629	-86.922010	56088.17	56251.7	-1.65	56086.52	56059.58203	56099.55367	56044.14844	505722.7	5409631.3
L5720.0	505722.7	5409631.3	8981.79981	362.02	0	48.839629	-86.922010	56088.63	56251.7	-1.65	56086.97	56059.18359	56105.50170	56049.64453	505722.7	5409631.3
L5720.0	505722.7	5409630.2	8981.79981	362.02	0	48.839620	-86.922010	56088.52	56251.7	-1.65	56086.87	56058.24609	56097.64467	56041.33594	505722.7	5409630.2
L5720.0	505722.7	5409629.2	8982.00000	358.65	0	48.839610	-86.922010	56089.11	56251.7	-1.65	56087.46	56058.00000	56107.32835	56050.56641	505722.7	5409629.2
L5720.0	505722.7	5409629.2	8982.09961	360.49	0	48.839610	-86.922010	56089.03	56251.6	-1.65	56087.38	56057.08984	56100.17553	56042.96094	505722.7	5409629.2
L5720.0	505722.7	5409627.8	8982.20020	361.85	0	48.839598	-86.922010	56089.34	56251.6	-1.65	56087.69	56056.57813	56102.98171	56045.31250	505722.7	5409627.8
L5720.0	505722.7	5409626.7	8982.29981	360.88	0	48.839587	-86.922010	56089.38	56251.6	-1.64	56087.74	56055.80859	56099.31689	56041.19141	505722.7	5409626.7
L5720.0	505722.7	5409625.6	8982.40039	360.15	0	48.839578	-86.922010	56089.56	56251.6	-1.64	56087.92	56055.17578	56099.04006	56040.46094	505722.7	5409625.6
L5720.0	505722.7	5409625.6	8982.50000	359.07	0	48.839578	-86.922010	56089.92	56251.6	-1.64	56088.28	56054.73438	56103.41565	56044.37891	505722.7	5409625.6
L5720.0	505722.7	5409624.5	8982.59961	360.29	0	48.839568	-86.922010	56090.19	56251.6	-1.64	56088.55	56054.20313	56105.61897	56046.12500	505722.7	5409624.5
L5720.0	505722.7	5409624.5	8982.70020	359.82	0	48.839568	-86.922010	56090.52	56251.6	-1.64	56088.88	56053.74219	56109.44205	56049.49219	505722.7	5409624.5
L5720.0	505722.6	5409622.4	8982.79981	358.88	0	48.839549	-86.922010	56090.63	56251.6	-1.63	56089.00	56053.07813	56108.06006	56047.65625	505722.6	5409622.4
L5720.0	505722.6	5409622.4	8982.90039	358.61	0	48.839549	-86.922010	56090.64	56251.6	-1.63	56089.01	56052.30859	56104.00094	56043.14063	505722.6	5409622.4
L5720.0	505722.6	5409620.8	8983.00000	358.49	0	48.839535	-86.922011	56090.64	56251.6	-1.63	56089.01	56051.53906	56099.79257	56038.47656	505722.6	5409620.8
L5720.0	505722.6	5409620.8	8983.09961	360.02	0	48.839535	-86.922011	56090.96	56251.6	-1.63	56089.32	56051.08594	56103.52392	56041.75000	505722.6	5409620.8
L5720.0	505722.6	5409619.5	8983.20020	361.48	0	48.839523	-86.922011	56091.18	56251.6	-1.64	56089.54	56050.54688	56105.08372	56042.85156	505722.6	5409619.5
L5720.0	505722.6	5409618.1	8983.29981	360.36	0	48.839510	-86.922011	56091.46	56251.6	-1.64	56089.82	56050.07813	56108.26354	56045.57813	505722.6	5409618.1
L5720.0	505722.6	5409618.1	8983.40039	358.07	0	48.839510	-86.922011	56091.56	56251.6	-1.65	56089.91	56049.42578	56106.74368	56043.60156	505722.6	5409618.1
L5720.0	505722.6	5409616.3	8983.50000	358.66	0	48.839494	-86.922011	56091.78	56251.6	-1.65	56090.13	56048.91406	56108.61287	56045.01563	505722.6	5409616.3
L5720.0	505722.6	5409615.0	8983.59961	360.27	0	48.839482	-86.922011	56091.84	56251.7	-1.65	56090.19	56048.25000	56106.54017	56042.48828	505722.6	5409615.0
L5720.0	505722.6	5409615.0	8983.70020	360.81	0	48.839482	-86.922011	56091.79	56251.7	-1.66	56090.13	56047.47266	56101.53638	56037.02734	505722.6	5409615.0
L5720.0	505722.6	5409613.8	8983.79981	364.10	0	48.839472	-86.922011	56091.86	56251.7	-1.66	56090.20	56046.83203	56099.92059	56034.96094	505722.6	5409613.8
L5720.0	505722.6	5409612.5	8983.79981	364.10	0	48.839460	-86.922011	56092.04	56251.7	-1.66	56090.38	56046.30859	56101.18681	56035.77344	505722.6	5409612.5
L5720.0	505722.6	5409612.5	8984.00000	365.47	0	48.839460	-86.922011	56092.29	56251.7	-1.67	56090.62	56045.85547	56104.07065	56038.20313	505722.6	5409612.5
L5720.0	505722.6	5409611.1	8984.09961	363.98	0	48.839447	-86.922011	56092.39	56251.7	-1.67	56090.72	56045.26953	56103.51602	56037.19922	505722.6	5409611.1
L5720.0	505722.6	5409611.1	8984.20020	361.65	0	48.839447	-86.922011	56092.39	56251.7	-1.67	56090.72	56044.59375	56100.53346	56033.76563	505722.6	5409611.1
L5720.0	505722.6	5409609.7	8984.29981	360.98	0	48.839435	-86.922012	56092.34	56251.7	-1.67	56090.67	56043.87891	56096.38631	56029.16797	505722.6	5409609.7
L5720.0	505722.6	5409608.3	8984.40039	360.59	0	48.839423	-86.922012	56092.82	56251.7	-1.67	56091.15	56043.69922	56105.73520	56038.06641	505722.6	5409608.3
L5720.0	505722.6	5409606.7	8984.50000	359.98	0	48.839408	-86.922012	56093.00	56251.7	-1.67	56091.33	56043.22656	56107.59872	56039.48438	505722.6	5409606.7
L5720.0	505722.6	5409606.7	8984.59961	360.88	0	48.839408	-86.922012	56093.15	56251.7	-1.67	56091.48	56042.73438	56108.80129	56040.23828	505722.6	5409606.7
L5720.0	505722.6	5409605.5	8984.70020	361.45	0	48.839397	-86.922012	56093.38	56251.7	-1.67	56091.71	56042.33203	56112.12277	56043.11719	505722.6	5409605.5
L5720.0	505722.6	5409604.2	8984.79981	363.05	0	48.839386	-86.922011	56093.43	56251.7	-1.67	56091.76	56041.75781	56110.99017	56041.53906	505722.6	5409604.2
L5720.0	505722.6	5409604.2	8984.90039	363.64	0	48.839386	-86.922011	56093.53	56251.7	-1.67	56091.86	56041.23828	56111.21668	56041.32422	505722.6	5409604.2
L5720.0	505722.6	5409602.8	8985.00000	363.00	0	48.839373	-86.922011	56093.40	56251.7	-1.67	56091.73	56040.50391	56105.72368	56035.39063	505722.6	5409602.8
L5720.0	505722.6	5409601.5	8985.09961	362.32	0	48.839361	-86.922011	56093.66	56251.7	-1.67	56091.99	56040.16406	56110.18274	56039.41016	505722.6	5409601.5
L5720.0	505722.6	5409600.0	8985.20020	364.08	0	48.839348	-86.922011	56093.38	56251.7	-1.67	56091.72	56039.30469	56101.33728	56030.12891	505722.6	5409600.0
L5720.0	505722.6	5409600.0	8985.29981	362.10	0	48.839348	-86.922011	56093.48	56251.7	-1.66	56091.81	56038.81641	56101.68387	56030.03906	505722.6	5409600.0
L5720.0	505722.6	5409598.6	8985.40039	358.46	0	48.839335	-86.922011	56093.33	56251.7	-1.66	56091.67	56038.10547	56096.30762	56024.23047	505722.6	5409598.6
L5720.0	505722.7	5409597.6	8985.50000	359.93	0	48.839326	-86.922011	56093.79	56251.7	-1.66	56092.13	56038.00000	56106.18838	56033.67969	505722.7	5409597.6
L5720.0	505722.7	5409597.6	8985.59961	359.89	0	48.839326	-86.922011	56094.12	56251.7	-1.66	56092.46	56037.77734	56112.87229	56039.93750	505722.7	5409597.6
L5720.0	505722.7	5409595.9	8985.70020	359.99	0	48.839310	-86.922011	56094.44	56251.7	-1.66	56092.78	56037.55469	56119.39175	56046.02734	505722.7	5409595.9
L5720.0	505722.7	5409594.6	8985.79981	358.27	0	48.839299	-86.922011	56094.29	56251.7	-1.65	56092.63	56036.86719	56114.11790	56040.32813	505722.7	5409594.6

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5720.0	505722.7	5409593.3	8985.79981	358.27	0	48.839287	-86.922010	56094.14	56251.7	-1.65	56092.49	56036.19922	56109.18318	56034.97266	505722.7	5409593.3
L5720.0	505722.7	5409593.3	8986.00000	357.88	0	48.839287	-86.922010	56094.14	56251.7	-1.65	56092.49	56035.68359	56107.87269	56033.24219	505722.7	5409593.3
L5720.0	505722.7	5409592.0	8986.09961	359.86	0	48.839276	-86.922010	56094.12	56251.6	-1.65	56092.47	56035.15234	56106.14089	56031.09375	505722.7	5409592.0
L5720.0	505722.7	5409592.0	8986.20020	357.17	0	48.839276	-86.922010	56094.01	56251.6	-1.65	56092.36	56034.54297	56102.21720	56026.75391	505722.7	5409592.0
L5720.0	505722.7	5409590.0	8986.29981	359.28	0	48.839258	-86.922010	56094.09	56251.6	-1.65	56092.44	56034.13281	56103.17832	56027.30469	505722.7	5409590.0
L5720.0	505722.7	5409588.7	8986.40039	361.74	0	48.839246	-86.922010	56094.21	56251.6	-1.65	56092.57	56033.78125	56105.48416	56029.19922	505722.7	5409588.7
L5720.0	505722.8	5409587.4	8986.50000	362.32	0	48.839234	-86.922009	56094.16	56251.6	-1.65	56092.52	56033.25781	56103.31955	56026.62891	505722.8	5409587.4
L5720.0	505722.8	5409587.4	8986.59961	361.83	0	48.839234	-86.922009	56094.21	56251.6	-1.64	56092.57	56032.84375	56103.76109	56026.66797	505722.8	5409587.4
L5720.0	505722.8	5409585.9	8986.70020	361.59	0	48.839221	-86.922009	56094.06	56251.6	-1.64	56092.42	56032.23438	56099.22405	56021.72656	505722.8	5409585.9
L5720.0	505722.8	5409585.9	8986.79981	361.15	0	48.839221	-86.922009	56094.19	56251.6	-1.64	56092.55	56031.91797	56101.84053	56023.94531	505722.8	5409585.9
L5720.0	505722.8	5409584.1	8986.90039	360.51	0	48.839205	-86.922008	56094.42	56251.6	-1.64	56092.78	56031.71094	56107.05911	56028.76953	505722.8	5409584.1
L5720.0	505722.9	5409582.7	8987.00000	361.53	0	48.839192	-86.922008	56094.46	56251.6	-1.64	56092.82	56031.32031	56107.54771	56028.86719	505722.9	5409582.7
L5720.0	505722.9	5409582.7	8987.09961	360.13	0	48.839192	-86.922008	56094.59	56251.6	-1.64	56092.95	56031.02734	56110.38267	56031.31250	505722.9	5409582.7
L5720.0	505722.9	5409581.4	8987.20020	361.66	0	48.839181	-86.922008	56094.54	56251.6	-1.64	56092.90	56030.56250	56108.73739	56029.28125	505722.9	5409581.4
L5720.0	505722.9	5409580.0	8987.29981	360.91	0	48.839168	-86.922007	56094.49	56251.6	-1.64	56092.85	56030.10938	56107.16030	56027.32422	505722.9	5409580.0
L5720.0	505722.9	5409578.4	8987.40039	355.97	0	48.839153	-86.922007	56094.46	56251.6	-1.64	56092.82	56029.68359	56106.15531	56025.93750	505722.9	5409578.4
L5720.0	505722.9	5409578.4	8987.50000	355.77	0	48.839153	-86.922007	56094.42	56251.6	-1.64	56092.78	56029.25391	56104.96236	56024.37109	505722.9	5409578.4
L5720.0	505723.0	5409577.0	8987.59961	357.17	0	48.839140	-86.922007	56094.16	56251.6	-1.64	56092.52	56028.61328	56098.27130	56017.30859	505723.0	5409577.0
L5720.0	505723.0	5409577.0	8987.70020	358.73	0	48.839140	-86.922007	56094.19	56251.6	-1.64	56092.55	56028.27344	56098.97208	56017.64063	505723.0	5409577.0
L5720.0	505723.0	5409575.7	8987.79981	357.94	0	48.839129	-86.922007	56094.24	56251.6	-1.64	56092.60	56027.95703	56100.23774	56018.53906	505723.0	5409575.7
L5720.0	505723.0	5409574.4	8987.79981	357.94	0	48.839117	-86.922006	56094.54	56251.6	-1.64	56092.90	56027.90234	56107.88027	56025.82031	505723.0	5409574.4
L5720.0	505723.0	5409572.8	8988.00000	358.48	0	48.839103	-86.922006	56094.44	56251.6	-1.64	56092.80	56027.45313	56105.46696	56023.05078	505723.0	5409572.8
L5720.0	505723.0	5409572.8	8988.09961	360.76	0	48.839103	-86.922006	56094.29	56251.6	-1.64	56092.65	56026.96094	56101.84302	56019.07422	505723.0	5409572.8
L5720.0	505723.0	5409571.3	8988.20020	360.47	0	48.839089	-86.922006	56094.52	56251.6	-1.64	56092.88	56026.85938	56107.87587	56024.75391	505723.0	5409571.3
L5720.0	505723.1	5409569.9	8988.29981	358.71	0	48.839077	-86.922006	56094.54	56251.6	-1.64	56092.90	56026.55469	56108.64928	56025.18359	505723.1	5409569.9
L5720.0	505723.1	5409569.9	8988.40039	356.95	0	48.839077	-86.922006	56094.32	56251.6	-1.64	56092.68	56026.01563	56103.40263	56019.59375	505723.1	5409569.9
L5720.0	505723.1	5409568.3	8988.50000	357.27	0	48.839062	-86.922005	56094.26	56251.6	-1.64	56092.62	56025.64844	56102.24483	56018.09766	505723.1	5409568.3
L5720.0	505723.1	5409566.8	8988.59961	358.64	0	48.839049	-86.922005	56094.24	56251.6	-1.64	56092.60	56025.32422	56102.14011	56017.66016	505723.1	5409566.8
L5720.0	505723.1	5409565.6	8988.70020	359.71	0	48.839038	-86.922005	56094.34	56251.6	-1.64	56092.70	56025.12891	56105.10829	56020.29688	505723.1	5409565.6
L5720.0	505723.1	5409565.6	8988.79981	358.41	0	48.839038	-86.922005	56094.21	56251.6	-1.64	56092.57	56024.71094	56102.29955	56017.16016	505723.1	5409565.6
L5720.0	505723.1	5409563.8	8988.90039	359.47	0	48.839022	-86.922005	56094.16	56251.6	-1.64	56092.52	56024.37891	56101.54753	56016.08594	505723.1	5409563.8
L5720.0	505723.2	5409562.6	8989.00000	357.81	0	48.839011	-86.922005	56094.12	56251.6	-1.64	56092.48	56024.06641	56101.08015	56015.30078	505723.2	5409562.6
L5720.0	505723.2	5409562.6	8989.09961	360.83	0	48.839011	-86.922005	56094.19	56251.6	-1.64	56092.55	56023.87109	56103.42255	56017.32813	505723.2	5409562.6
L5720.0	505723.2	5409561.5	8989.20020	360.36	0	48.839002	-86.922004	56094.09	56251.6	-1.64	56092.44	56023.50000	56101.24138	56014.83984	505723.2	5409561.5
L5720.0	505723.2	5409560.0	8989.29981	363.01	0	48.838988	-86.922004	56093.96	56251.6	-1.64	56092.31	56023.11719	56098.57838	56011.87109	505723.2	5409560.0
L5720.0	505723.2	5409560.0	8989.40039	363.60	0	48.838988	-86.922004	56093.78	56251.6	-1.64	56092.14	56022.69922	56094.92517	56007.91406	505723.2	5409560.0
L5720.0	505723.2	5409558.7	8989.50000	363.34	0	48.838976	-86.922004	56093.74	56251.6	-1.65	56092.09	56022.41016	56094.32338	56007.01563	505723.2	5409558.7
L5720.0	505723.2	5409556.6	8989.59961	363.39	0	48.838957	-86.922004	56093.88	56251.6	-1.65	56092.24	56022.32422	56098.79238	56011.19531	505723.2	5409556.6
L5720.0	505723.2	5409556.6	8989.70020	364.57	0	48.838957	-86.922004	56093.98	56251.6	-1.65	56092.33	56022.18750	56101.75694	56013.87109	505723.2	5409556.6
L5720.0	505723.2	5409555.1	8989.79981	365.59	0	48.838944	-86.922003	56094.01	56251.6	-1.65	56092.36	56022.00000	56103.21411	56015.04297	505723.2	5409555.1
L5720.0	505723.2	5409553.5	8989.79981	365.59	0	48.838930	-86.922003	56093.98	56251.6	-1.65	56092.33	56021.75391	56103.16091	56014.71094	505723.2	5409553.5
L5720.0	505723.3	5409552.1	8990.00000	362.39	0	48.838917	-86.922003	56093.96	56251.7	-1.65	56092.31	56021.52734	56103.36378	56014.64063	505723.3	5409552.1
L5720.0	505723.3	5409552.1	8990.09961	362.39	0	48.838917	-86.922003	56093.88	56251.6	-1.65	56092.23	56021.24219	56102.05023	56013.05859	505723.3	5409552.1
L5720.0	505723.3	5409550.6	8990.20020	361.19	0	48.838903	-86.922003	56093.88	56251.6	-1.65	56092.24	56021.05859	56103.00892	56013.75000	505723.3	5409550.6
L5720.0	505723.3	5409549.3	8990.29981	358.68	0	48.838891	-86.922003	56093.82	56251.6	-1.65	56092.17	56020.79688	56101.93952	56012.42188	505723.3	5409549.3
L5720.0	505723.3	5409549.3	8990.40039	358.01	0	48.838891	-86.922003	56093.81	56251.6	-1.65	56092.16	56020.60547	56102.37788	56012.60547	505723.3	5409549.3
L5720.0	505723.3	5409547.5	8990.50000	357.77	0	48.838875	-86.922003	56093.53	56251.6	-1.65	56091.88	56020.14453	56095.97919	56005.95703	505723.3	5409547.5
L5720.0	505723.3	5409546.2	8990.59961	356.89	0	48.838863	-86.922003	56093.33	56251.6	-1.64	56091.68	56019.77344	56091.58768	56001.31641	505723.3	5409546.2
L5720.0	505723.3	5409545.3	8990.70020	358.21	0	48.838855	-86.922003	56093.03	56251.6	-1.64	56091.38	56019.30469	56084.65025	55994.14063	505723.3	5409545.3
L5720.0	505723.3	5409545.3	8990.79981	359.65	0	48.838855	-86.922003	56093.00	56251.6	-1.64	56091.35	56019.11328	56084.51670	55993.76953	505723.3	5409545.3
L5720.0	505723.3	5409543.4	8990.90039	361.62	0	48.838838	-86.922003	56093.34	56251.6	-1.64	56091.70	56019.30859	56093.96458	56002.98438	505723.3	5409543.4
L5720.0	505723.3	5409541.9	8991.00000	362.83	0	48.838825	-86.922002	56093.33	56251.6	-1.64	56091.69	56019.14844	56094.28514	56003.07813	505723.3	5409541.9
L5720.0	505723.3	5409540.3	8991.09961	360.76	0	48.838810	-86.922002	56093.63	56251.6	-1.64	56091.99	56019.30469	56102.41165	56010.98438	505723.3	5409540.3
L5720.0	505723.3	5409540.3	8991.20020	359.44	0	48.838810	-86.922002	56093.26	56251.6	-1.64	56091.62	56018.79297	56093.56870	56001.92578	505723.3	5409540.3
L5720.0	505723.3	5409538.7	8991.29981	360.71	0	48.838796	-86.922002	56093.13	56251.6	-1.64	56091.49	56018.53125	56090.75634	55998.89844	505723.3	5409538.7
L5720.0	505723.3	5409538.7	8991.40039	363.68	0	48.838796	-86.922002	56093.18	56251.6	-1.64	56091.54	56018.45313	56092.45502	56000.39063	505723.3	5409538.7
L5720.0	505723.3	5409537.1	8991.50000	363.13	0	48.838782	-86.922002	56093.21	56251.6	-1.63	56091.57	56018.35547	56093.60627	56001.33984	505723.3	5409537.1
L5720.0	505723.3	5409537.1	8991.59961	362.39	0	48.838782	-86.922002	56093.18	56251.6	-1.63	56091.54	56018.20703	56093.19618	56000.73438	505723.3	5409537.1
L5720.0	505723.3	5409535.3	8991.70020	362.56	0	48.838766	-86.922002	56093.26	56251.6	-1.63	56091.63	56018.18359	56095.77205	56003.11719	505723.3	5409535.3
L5720.0	505723.3	5409533.7	8991.79981	364.15	0	48.838751	-86.922002	56093.20	56251.6	-1.63	56091.57	56018.01563	56094.50613	56001.66406	505723.3	5409533.7
L5720.0	505723.3	5409533.7	8991.79981	364.15	0	48.838751	-86.922002	56093.30	56251.6	-1.63	56091.67	56018.01172	56097.23197	56004.20703	505723.3	5409533.7
L5720.0	505723.3	5409532.3	8992.00000	361.48	0	48.838739	-86.922002	56093.41	56251.6	-1.63	56091.78	56018.02344	56100.15532	56006.95313	505723.3	5409532.3
L5720.0	505723.3	5409530.5	8992.09961	362.40	0	48.838722	-86.922002	56093.45	56251.6	-1.63	56091.82	56017.96875	56101.25144	56007.87891	505723.3	5409530.5
L5720.0	505723.3	5409530.5	8992.20020	360.17	0	48.838722	-86.922002	56093.18	56251.6	-1.63	56091.55	56017.60938	56094.45118	56000.91016	505723.3	5409530.5
L5720.0	505723.3	5409528.9	8992.29981	361.65	0	48.838708	-86.922002	56092.93	56251.6	-1.63	56091.30	56017.27344	56088.09397	55994.39063	505723.3	5409528.9
L5720.0	505723.3	5409527.5	8992.40039	360.14	0	48.838696	-86.922003	56092.37	56251.6	-1.63	56090.74	56016.63281	56073.83579	55979.97656	505723.3	5409527.5
L5720.0	505723.3	5409527.5	8992.50000	359.43	0	48.838696	-86.922003	56091.90	56251.6	-1.63	56090.28	56016.09766	56062.03845	55968.02734	505723.3	5409527.5
L5720.0	505723.3	5409526.0	8992.59961	360.75	0	48.838682	-86.922003	56092.12	56251.6	-1.62	56090.50	56016.25000	56067.36112	55973.20313	505723.3	5409526.0
L5720.0	505723.3	5409524.6	8992.70020	361.02	0	48.838669	-86.922003	56092.20	56251.6	-1.62	56090.57	56016.25000	56068.82104	55974.51953	505723.3	5409524.6
L5720.0	505723.3	5409524.6	8992.79981	361.56	0	48.838669	-86.922003	56092.65	56251.6	-1.62	56091.03	56016.64844	56080.06644	55985.62891	505723.3	5409524.6
L5720.0	505723.3	5409522.9	8992.90039	363.41	0	48.838654	-86.922003	56092.84	56251.6	-1.62	56091.22	56016.78125	56084.41202	55989.83984	505723.3	5409522.9
L5720.0	505723.3	5409521.6	8993.00000	366.33	0	48.838642	-86.922003	56092.97	56251.6	-1.62	56091.35	56016.85938	56087.16444	55992.46484	505723.3	5409521.6
L5720.0	505723.3	5409520.0	8993.09961	366.90	0	48.838628	-86.922003	56093.21	56251.6	-1.62	56091.58	56017.04297	56092.36657	55997.54688	505723.3	5409520.0
L5720.0	505723.3	5409518.5	8993.20020	366.10	0	48.838614	-86.922003	56093.25	56251.6	-1.62	56091.62	56017.03906	56092.68628	55997.74609	505723.3	5409518.5
L5720.0	505723.3	5409518.5	8993.29981	367.72	0	48.838614	-86.922003	56093.13	56251.6	-1.63	56091.51	56016.89063	56089.13327	55994.08203	505723.3	5409518.5
L5720.0	505723.3	5409516.8	8993.40039	367.91	0	48.838599	-86.922003	56093.10	56251.6	-1.63	56091.47	56016.81250	56087.26741	55992.10547	505723.3	5409516.8
L5720.0	505723.3	5409515.7	8993.50000	365.93	0	48.838590	-86.922002	56093.00	56251.6	-1.63	56091.37	56016.68359	56083.80134	55988.53906	505723.3	5409515.7
L5720.0	505723.3	5409515.7	8993.59961	363.91	0	48.838590	-86.922002	56092.98	56251.6	-1.63	56091.35	56016.63672	56082.27289	55986.91016	505723.3	5409515.7
L5720.0	505723.3	5409514.1	8993.70020	360.24	0	48.838575	-86.922002	56092.90	56251.6	-1.63	56091.27	56016.53516	56079.14215	55983.68750	505723.3	5409514.1
L5720.0	505723.3	5409514.1	8993.79981	359.53	0	48.838575	-86.922002	56093.33	56251.6	-1.64	56091.69	56016.93750	56088.56391	55993.01953	505723.3	5409514.1
L5720.0	505723.3	5409512.8	8993.79981	359.53	0	48.838563	-86.922003	56093.45	56251.6	-1.64	56091.82	56017.05469	56090.56778	55994.93750	505723.3	5409512.8
L5720.0	505723.3	5409511.4	8994.00000	359.00	0	48.838551	-86.922003	56093.68	56251.6	-1.64	56092.04	56017.26172	56094.75872	55999.05078	505723.3	5409511.4
L5720.0	505723.3	5409509.8	8994.09961	359.02	0	48.838536	-86.922003	56093.31	56251.6	-1.64	56091.67	56016.88672	56083.94712	55988.16406	505723.3	5409509.8
L5720.0	505723.3	5409509.8	8994.20020	361.31	0	48.838536	-86.922003	56093.15	56251.6	-1.64	56091.51	56016.72656	56078.35492	55982.50000	505723.3	5409509.8
L5720.0	505723.3	5409508.1	8994.29981	359.12	0	48.838521	-86.922003	56093.66	56251.6	-1.63	56092.02	56017.24219	56089.60967	55993.68750	505723.3	5409508.1
L5720.0	505723.3	5409506.6	8994.40039	361.16	0	48.838507	-86.922003	56093.87	56251.6	-1.63	56092.24	56017.46875	56093.44421	55997.46094	505723.3	5409506.6
L5720.0	505723.3	5409505.4	8994.50000	363.02	0	48.838497	-86.922003	56094.51	56251.6	-1.63	56092.88	56018.12109	56107.80579	56011.76563	505723.3	5409505.4
L5720.0	505723.3	5409505.4	8994.59961	363.72	0	48.838497	-86.922003	56093.99	56251.6	-1.63	56092.36	56017.61328	56092.75510	55996.66406	505723.3	5409505.4
L5720.0	505723.3	5409504.1	8994.70020	361.59	0	48.838485	-86.922003	56094.52	56251.6	-1.63	56092.89	56018.16406	56104.15659	56008.01563	505723.3	5409504.1
L5720.0	505723.3	5409502.6	8994.79981	361.62	0	48.838471	-86.922003	56094.11	56251.6	-1.62	56092.48	56017.77734	56091.70718	55995.52344	505723.3	5409502.6
L5720.0	505723.3	5409501.5	8994.90039	360.79	0	48.838461	-86.922003	56094.42	56251.6	-1.62	56092.80	56018.12500	56097.62140	56001.39844	505723.3	5409501.5
L5720.0	505723.3	5409501.5	8995.00000	361.66	0	48.838461	-86.922003	56094.21	56251.6	-1.62	56092.59	56017.94922	56090.04929	55993.79297	505723.3	5409501.5
L5720.0	505723.3	5409499.0	8995.09961	359.22	0	48.838439	-86.922003	56094.24	56251.6	-1.62	56092.62	56018.01563	56088.45535	55992.16797	505723.3	5409499.0

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5720.0	505723.3	5409499.0	8995.20020	359.30	0	48.838439	-86.922003	56094.62	56251.6	-1.62	56093.00	56018.43359	56095.62071	55999.30469	505723.3	5409499.0
L5720.0	505723.3	5409497.6	8995.29981	359.98	0	48.838426	-86.922003	56094.69	56251.6	-1.63	56093.06	56018.53906	56094.60970	55998.27344	505723.3	5409497.6
L5720.0	505723.3	5409497.6	8995.40039	358.33	0	48.838426	-86.922003	56094.88	56251.6	-1.63	56093.25	56018.77734	56096.79812	56000.44141	505723.3	5409497.6
L5720.0	505723.3	5409495.9	8995.50000	356.40	0	48.838411	-86.922003	56094.62	56251.6	-1.63	56092.99	56018.57031	56087.52553	55991.15625	505723.3	5409495.9
L5720.0	505723.3	5409494.3	8995.59961	354.13	0	48.838397	-86.922003	56094.85	56251.6	-1.63	56093.22	56018.85547	56090.55411	55994.17578	505723.3	5409494.3
L5720.0	505723.3	5409494.3	8995.70020	356.92	0	48.838397	-86.922003	56094.54	56251.6	-1.63	56092.91	56018.60547	56079.84847	55983.46484	505723.3	5409494.3
L5720.0	505723.3	5409492.9	8995.79981	357.34	0	48.838384	-86.922003	56094.95	56251.6	-1.64	56093.31	56019.07031	56087.00713	55990.62109	505723.3	5409492.9
L5720.0	505723.3	5409491.1	8995.79981	357.34	0	48.838368	-86.922003	56094.79	56251.6	-1.64	56093.15	56018.97656	56079.92811	55983.54688	505723.3	5409491.1
L5720.0	505723.3	5409491.1	8996.00000	356.97	0	48.838368	-86.922003	56095.13	56251.6	-1.64	56093.49	56019.38672	56085.40728	55989.03125	505723.3	5409491.1
L5720.0	505723.3	5409489.7	8996.09961	354.19	0	48.838355	-86.922003	56095.36	56251.6	-1.64	56093.72	56019.69531	56088.02628	55991.66016	505723.3	5409489.7
L5720.0	505723.3	5409487.8	8996.20020	356.08	0	48.838338	-86.922003	56095.75	56251.6	-1.63	56094.12	56020.17188	56094.86426	55998.51172	505723.3	5409487.8
L5720.0	505723.3	5409486.6	8996.29981	357.33	0	48.838327	-86.922003	56096.19	56251.6	-1.63	56094.56	56020.69531	56102.63642	56006.30469	505723.3	5409486.6
L5720.0	505723.3	5409486.6	8996.40039	358.42	0	48.838327	-86.922003	56096.08	56251.6	-1.63	56094.45	56020.67188	56096.43017	56000.11719	505723.3	5409486.6
L5720.0	505723.3	5409484.7	8996.50000	359.60	0	48.838311	-86.922004	56096.26	56251.6	-1.63	56094.63	56020.94531	56097.48052	56001.19531	505723.3	5409484.7
L5720.0	505723.3	5409483.1	8996.59961	361.59	0	48.838296	-86.922004	56095.98	56251.6	-1.62	56094.36	56020.76953	56087.08326	55990.82813	505723.3	5409483.1
L5720.0	505723.3	5409483.1	8996.70020	363.56	0	48.838296	-86.922004	56096.67	56251.6	-1.62	56095.05	56021.55469	56100.88200	56004.66016	505723.3	5409483.1
L5720.0	505723.3	5409481.6	8996.79981	364.24	0	48.838283	-86.922004	56096.41	56251.6	-1.62	56094.80	56021.40625	56090.85012	55994.66406	505723.3	5409481.6
L5720.0	505723.3	5409480.0	8996.90039	363.60	0	48.838268	-86.922004	56096.77	56251.6	-1.61	56095.15	56021.86328	56095.91745	55999.76953	505723.3	5409480.0
L5720.0	505723.2	5409478.0	8997.00000	367.48	0	48.838250	-86.922004	56096.74	56251.6	-1.61	56095.13	56021.94922	56091.56605	55995.46094	505723.2	5409478.0
L5720.0	505723.2	5409478.0	8997.09961	367.72	0	48.838250	-86.922004	56097.00	56251.6	-1.61	56095.39	56022.32422	56094.22840	55998.17188	505723.2	5409478.0
L5720.0	505723.2	5409476.9	8997.20020	365.01	0	48.838240	-86.922004	56097.39	56251.6	-1.61	56095.78	56022.82813	56100.11459	56004.10938	505723.2	5409476.9
L5720.0	505723.2	5409475.1	8997.29981	363.49	0	48.838224	-86.922005	56097.43	56251.6	-1.62	56095.81	56022.97656	56096.84024	56000.88672	505723.2	5409475.1
L5720.0	505723.2	5409473.8	8997.40039	362.74	0	48.838212	-86.922005	56097.76	56251.6	-1.62	56096.14	56023.42969	56101.09072	56005.19141	505723.2	5409473.8
L5720.0	505723.2	5409473.8	8997.50000	361.10	0	48.838212	-86.922005	56097.68	56251.6	-1.62	56096.06	56023.47266	56094.92055	55999.08203	505723.2	5409473.8
L5720.0	505723.2	5409471.8	8997.59961	358.42	0	48.838194	-86.922005	56098.09	56251.6	-1.62	56096.46	56024.00391	56100.82911	56005.05469	505723.2	5409471.8
L5720.0	505723.2	5409471.8	8997.70020	356.78	0	48.838194	-86.922005	56097.95	56251.6	-1.62	56096.33	56024.00391	56093.28756	55997.57813	505723.2	5409471.8
L5720.0	505723.2	5409469.8	8997.79981	354.26	0	48.838177	-86.922005	56098.34	56251.6	-1.63	56096.71	56024.51953	56098.58703	56002.94531	505723.2	5409469.8
L5720.0	505723.2	5409468.4	8997.79981	354.26	0	48.838164	-86.922005	56098.26	56251.6	-1.63	56096.63	56024.57422	56092.20988	55996.64063	505723.2	5409468.4
L5720.0	505723.2	5409466.9	8998.00000	356.19	0	48.838150	-86.922005	56098.64	56251.6	-1.63	56097.01	56025.09766	56097.41391	56001.91797	505723.2	5409466.9
L5720.0	505723.2	5409464.9	8998.09961	358.05	0	48.838132	-86.922005	56098.57	56251.6	-1.63	56096.94	56025.17188	56091.19819	55995.77734	505723.2	5409464.9
L5720.0	505723.2	5409464.9	8998.20020	361.40	0	48.838132	-86.922005	56098.79	56251.6	-1.63	56097.16	56025.53516	56092.27053	55996.92969	505723.2	5409464.9
L5720.0	505723.2	5409463.4	8998.29981	361.21	0	48.838119	-86.922005	56099.17	56251.6	-1.62	56097.54	56026.06641	56097.34690	56002.08984	505723.2	5409463.4
L5720.0	505723.2	5409461.9	8998.40039	361.53	0	48.838105	-86.922005	56099.23	56251.6	-1.62	56097.61	56026.28906	56094.54872	55999.37500	505723.2	5409461.9
L5720.0	505723.2	5409461.9	8998.50000	363.08	0	48.838105	-86.922005	56099.78	56251.6	-1.62	56098.16	56026.99219	56103.84778	56008.76172	505723.2	5409461.9
L5720.0	505723.2	5409460.8	8998.59961	362.64	0	48.838095	-86.922005	56099.83	56251.6	-1.62	56098.21	56027.19922	56100.47373	56005.47656	505723.2	5409460.8
L5720.0	505723.2	5409458.6	8998.70020	363.64	0	48.838076	-86.922005	56100.18	56251.6	-1.62	56098.57	56027.71875	56104.90394	56009.99609	505723.2	5409458.6
L5720.0	505723.2	5409458.6	8998.79981	364.94	0	48.838076	-86.922005	56100.03	56251.6	-1.61	56098.42	56027.73047	56096.41258	56001.59766	505723.2	5409458.6
L5720.0	505723.2	5409456.9	8998.90039	366.55	0	48.838061	-86.922005	56100.39	56251.6	-1.61	56098.78	56028.25781	56100.78539	56006.06641	505723.2	5409456.9
L5720.0	505723.2	5409455.5	8999.00000	366.86	0	48.838048	-86.922005	56100.61	56251.6	-1.61	56099.00	56028.64453	56101.59386	56006.97266	505723.2	5409455.5
L5720.0	505723.2	5409454.1	8999.09961	366.69	0	48.838035	-86.922005	56101.02	56251.6	-1.61	56099.41	56029.22266	56107.18190	56012.66016	505723.2	5409454.1
L5720.0	505723.2	5409454.1	8999.20020	365.94	0	48.838035	-86.922005	56101.49	56251.6	-1.61	56099.88	56029.86328	56114.26555	56019.84375	505723.2	5409454.1
L5720.0	505723.2	5409452.4	8999.29981	364.64	0	48.838020	-86.922005	56101.61	56251.6	-1.61	56100.00	56030.15625	56112.48302	56018.16406	505723.2	5409452.4
L5720.0	505723.2	5409450.9	8999.40039	366.21	0	48.838006	-86.922005	56101.82	56251.6	-1.61	56100.21	56030.54297	56112.95883	56018.74609	505723.2	5409450.9
L5720.0	505723.2	5409450.9	8999.50000	367.53	0	48.838006	-86.922005	56101.66	56251.6	-1.61	56100.05	56030.56250	56104.06729	56009.96094	505723.2	5409450.9
L5720.0	505723.2	5409447.5	8999.59961	366.78	0	48.837976	-86.922005	56102.08	56251.6	-1.61	56100.47	56031.16016	56109.82472	56015.82813	505723.2	5409447.5
L5720.0	505723.2	5409447.5	8999.70020	367.84	0	48.837976	-86.922005	56102.23	56251.6	-1.61	56100.62	56031.49219	56108.74698	56014.85547	505723.2	5409447.5
L5720.0	505723.2	5409445.5	8999.79981	368.00	0	48.837958	-86.922005	56102.76	56251.6	-1.61	56101.15	56032.20703	56117.26700	56023.48828	505723.2	5409445.5
L5720.0	505723.2	5409445.5	8999.79981	368.00	0	48.837958	-86.922005	56102.71	56251.6	-1.61	56101.10	56032.33984	56111.12007	56017.45313	505723.2	5409445.5
L5720.0	505723.2	5409444.2	9000.00000	367.50	0	48.837946	-86.922005	56103.04	56251.6	-1.61	56101.43	56032.85938	56114.57528	56021.01953	505723.2	5409444.2
L5720.0	505723.2	5409442.8	9000.09961	365.52	0	48.837933	-86.922005	56103.22	56251.6	-1.61	56101.61	56033.22656	56114.23747	56020.79688	505723.2	5409442.8
L5720.0	505723.2	5409442.8	9000.20020	363.09	0	48.837933	-86.922005	56103.29	56251.6	-1.62	56101.68	56033.48828	56111.11995	56017.79297	505723.2	5409442.8
L5720.0	505723.2	5409441.3	9000.29981	359.72	0	48.837920	-86.922005	56103.50	56251.6	-1.62	56101.88	56033.87891	56111.29163	56018.08203	505723.2	5409441.3
L5720.0	505723.2	5409439.4	9000.40039	358.12	0	48.837903	-86.922005	56103.73	56251.6	-1.62	56102.10	56034.29297	56111.97410	56018.87891	505723.2	5409439.4
L5720.0	505723.2	5409439.4	9000.50000	358.97	0	48.837903	-86.922005	56104.05	56251.6	-1.63	56102.42	56034.80469	56115.19178	56022.21484	505723.2	5409439.4
L5720.0	505723.2	5409438.0	9000.59961	359.48	0	48.837890	-86.922006	56104.14	56251.6	-1.63	56102.51	56035.08984	56112.60509	56019.74609	505723.2	5409438.0
L5720.0	505723.2	5409436.5	9000.70020	358.82	0	48.837876	-86.922006	56104.31	56251.6	-1.63	56102.67	56035.44922	56111.79960	56019.06250	505723.2	5409436.5
L5720.0	505723.2	5409434.8	9000.79981	359.72	0	48.837862	-86.922006	56104.48	56251.6	-1.63	56102.85	56035.82813	56111.51356	56018.89453	505723.2	5409434.8
L5720.0	505723.2	5409434.8	9000.90039	360.67	0	48.837862	-86.922006	56105.12	56251.6	-1.64	56103.48	56036.65625	56122.61867	56030.11719	505723.2	5409434.8
L5720.0	505723.2	5409433.7	9001.00000	361.71	0	48.837851	-86.922006	56105.06	56251.6	-1.64	56103.42	56036.79688	56116.30013	56023.92188	505723.2	5409433.7
L5720.0	505723.2	5409432.0	9001.09961	362.37	0	48.837836	-86.922005	56105.57	56251.6	-1.64	56103.93	56037.50781	56124.41037	56032.15234	505723.2	5409432.0
L5720.0	505723.2	5409432.0	9001.20020	359.70	0	48.837836	-86.922005	56105.52	56251.6	-1.64	56103.88	56037.66016	56118.38737	56026.24609	505723.2	5409432.0
L5720.0	505723.2	5409430.7	9001.29981	361.31	0	48.837824	-86.922005	56105.77	56251.6	-1.63	56104.14	56038.12109	56120.22512	56028.20703	505723.2	5409430.7
L5720.0	505723.2	5409428.5	9001.40039	361.43	0	48.837804	-86.922005	56105.88	56251.6	-1.63	56104.24	56038.42578	56118.04505	56026.14453	505723.2	5409428.5
L5720.0	505723.2	5409428.5	9001.50000	360.22	0	48.837804	-86.922005	56106.00	56251.6	-1.63	56104.37	56038.76172	56116.65210	56024.87500	505723.2	5409428.5
L5720.0	505723.2	5409426.8	9001.59961	360.40	0	48.837790	-86.922005	56106.31	56251.6	-1.63	56104.68	56039.27734	56119.84006	56028.18359	505723.2	5409426.8
L5720.0	505723.2	5409425.3	9001.70020	360.88	0	48.837776	-86.922005	56106.46	56251.6	-1.63	56104.83	56039.63281	56119.01649	56027.48047	505723.2	5409425.3
L5720.0	505723.2	5409425.3	9001.79981	359.51	0	48.837776	-86.922005	56106.78	56251.6	-1.62	56105.15	56040.16016	56122.52521	56031.10547	505723.2	5409425.3
L5720.0	505723.2	5409423.9	9001.79981	359.51	0	48.837764	-86.922005	56106.74	56251.6	-1.62	56105.11	56040.32422	56116.97095	56025.67188	505723.2	5409423.9
L5720.0	505723.2	5409422.3	9002.00000	362.22	0	48.837749	-86.922006	56106.99	56251.6	-1.62	56105.37	56040.79297	56119.03924	56027.85938	505723.2	5409422.3
L5720.0	505723.2	5409420.8	9002.09961	363.00	0	48.837736	-86.922005	56106.96	56251.6	-1.62	56105.34	56040.97266	56113.81813	56022.75781	505723.2	5409420.8
L5720.0	505723.2	5409419.3	9002.20020	361.54	0	48.837722	-86.922005	56107.46	56251.6	-1.62	56105.84	56041.67969	56122.03763	56031.09375	505723.2	5409419.3
L5720.0	505723.2	5409419.3	9002.29981	360.80	0	48.837722	-86.922005	56107.50	56251.6	-1.62	56105.87	56041.91797	56118.42176	56027.59766	505723.2	5409419.3
L5720.0	505723.2	5409418.0	9002.40039	359.82	0	48.837710	-86.922005	56107.92	56251.6	-1.62	56106.29	56042.54688	56124.71164	56034.00391	505723.2	5409418.0
L5720.0	505723.2	5409416.4	9002.50000	356.74	0	48.837696	-86.922005	56108.20	56251.6	-1.63	56106.57	56043.03516	56127.51196	56036.92188	505723.2	5409416.4
L5720.0	505723.3	5409414.8	9002.59961	355.80	0	48.837682	-86.922005	56108.58	56251.6	-1.63	56106.95	56043.62500	56132.89145	56042.41797	505723.3	5409414.8
L5720.0	505723.3	5409414.8	9002.70020	355.20	0	48.837682	-86.922005	56108.40	56251.6	-1.63	56106.78	56043.66406	56124.42143	56034.05859	505723.3	5409414.8
L5720.0	505723.3	5409412.9	9002.79981	355.43	0	48.837664	-86.922005	56108.53	56251.6	-1.63	56106.90	56043.99609	56123.33744	56033.08984	505723.3	5409412.9
L5720.0	505723.2	5409411.4	9002.90039	352.51	0	48.837651	-86.922005	56108.63	56251.6	-1.63	56107.00	56044.30469	56121.80530	56031.67188	505723.2	5409411.4
L5720.0	505723.2	5409411.4	9003.00000	356.16	0	48.837651	-86.922005	56108.84	56251.6	-1.63	56107.21	56044.72656	56123.11316	56033.08984	505723.2	5409411.4
L5720.0	505723.2	5409408.6	9003.09961	355.95	0	48.837626	-86.922005	56109.27	56251.6	-1.63	56107.64	56045.36328	56130.04361	56040.13281	505723.2	5409408.6
L5720.0	505723.2	5409408.6	9003.20020	353.73	0	48.837626	-86.922005	56109.02	56251.6	-1.63	56107.38	56045.31250	56119.59564	56029.79297	505723.2	5409408.6
L5720.0	505723.2	5409407.2	9003.29981	355.13	0	48.837613	-86.922005	56109.42	56251.6	-1.63	56107.78	56045.92188	56125.89660	56036.20313	505723.2	5409407.2
L5720.0	505723.2	5409407.2	9003.40039	357.85	0	48.837613	-86.922005	56109.51	56251.6	-1.63	56107.88	56046.23438	56124.68158	56035.09766	505723.2	5409407.2
L5720.0	505723.2	5409405.2	9003.50000	359.66	0	48.837595	-86.922005	56110.18	56251.6	-1.63	56108.55	56047.11328	56137.94447	56048.46875	505723.2	5409405.2
L5720.0	505723.2	5409403.7	9003.59961	358.63	0	48.837581	-86.922005	56110.09	56251.6	-1.64	56108.46	56047.23047	56132.06751	56042.69531	505723.2	5409403.7
L5720.0	505723.2	5409402.4	9003.70020	358.09	0	48.837570	-86.922005	56110.31	56251.6	-1.64	56108.67	56047.64844	56133.84743	56044.57813	505723.2	5409402.4
L5720.0	505723.2	5409402.4	9003.79981	360.49	0	48.837570	-86.922005	56110.38	56251.6	-1.64	56108.74	56047.92969	56132.16392	56043.00000	505723.2	5409402.4
L5720.0	505723.3	5409400.9	9003.79981	360.49	0	48.837557	-86.922005	56110.25	56251.6	-1.64	56108.62	56048.01563	56125.75510	56036.69141	505723.3	5409400.9
L5720.0	505723.3	5409399.8	9004.00000	359.11	0	48.837546	-86.922005	56110.17	56251.6	-1.64	56108.53	56048.13281	56120.18418	56031.22266	505723.3	5409399.8
L5720.0	505723.3	5409399.8	9004.09961	359.13	0	48.837546	-86.922005	56110.04	56251.6	-1.64	56108.40	56048.21094	56113.68375	56024.82031	505723.3	5409399.8
L5720.0	505723.3	5409398.2	9004.20020	360.53	0	48.837532	-86.922005	56110.66	56251.6	-1.64	56109.02	56049.03906	56126.22551	56037.46094	505723.3	5409398.2
L5720.0	505723.3	5409396.3	9004.29981	359.95	0	48.837515	-86.922005	56110.63	56251.6	-1.63	56109.00	56049.22266	56122.67509	56034.00781	505723.3	5409396.3
L5720.0	505723.3	5409396.3	9004.40039	358.73	0	48.837515	-86.922005	56110.88	56251.6	-1.63	56109.25	56049.67969	56126.03758	56037.46484	505723.3	5409396.3

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5720.0	505723.3	5409394.9	9004.50000	358.49	0	48.837502	-86.922005	56110.66	56251.6	-1.63	56109.03	56049.66406	56117.60936	56029.13281	505723.3	5409394.9
L5720.0	505723.3	5409393.5	9004.59961	360.78	0	48.837490	-86.922005	56111.01	56251.6	-1.63	56109.38	56050.21875	56123.68169	56035.29688	505723.3	5409393.5
L5720.0	505723.3	5409391.9	9004.70020	358.87	0	48.837475	-86.922005	56111.32	56251.6	-1.63	56109.69	56050.73438	56128.83714	56040.54688	505723.3	5409391.9
L5720.0	505723.3	5409390.8	9004.79981	357.37	0	48.837465	-86.922005	56111.70	56251.6	-1.62	56110.07	56051.31641	56135.85844	56047.65625	505723.3	5409390.8
L5720.0	505723.3	5409390.8	9004.90039	355.26	0	48.837465	-86.922005	56111.82	56251.6	-1.62	56110.20	56051.65234	56136.65884	56048.54688	505723.3	5409390.8
L5720.0	505723.3	5409388.8	9005.00000	355.25	0	48.837448	-86.922005	56111.68	56251.6	-1.62	56110.06	56051.71484	56130.73499	56042.71094	505723.3	5409388.8
L5720.0	505723.3	5409387.6	9005.09961	354.01	0	48.837437	-86.922005	56112.10	56251.6	-1.63	56110.47	56052.32422	56138.81711	56050.88281	505723.3	5409387.6
L5720.0	505723.3	5409386.0	9005.20020	353.83	0	48.837422	-86.922005	56112.00	56251.6	-1.63	56110.37	56052.42578	56134.11277	56046.26172	505723.3	5409386.0
L5720.0	505723.3	5409386.0	9005.29981	357.71	0	48.837422	-86.922005	56112.31	56251.6	-1.64	56110.67	56052.92578	56139.62728	56051.86328	505723.3	5409386.0
L5720.0	505723.2	5409384.0	9005.40039	358.86	0	48.837404	-86.922006	56112.37	56251.6	-1.64	56110.73	56053.18750	56139.18502	56051.50391	505723.2	5409384.0
L5720.0	505723.2	5409382.4	9005.50000	360.12	0	48.837390	-86.922006	56112.53	56251.6	-1.64	56110.89	56053.54297	56141.38290	56053.78516	505723.2	5409382.4
L5720.0	505723.2	5409381.1	9005.59961	361.48	0	48.837379	-86.922006	56112.28	56251.7	-1.65	56110.63	56053.48047	56133.07873	56045.56250	505723.2	5409381.1
L5720.0	505723.2	5409381.1	9005.70020	359.90	0	48.837379	-86.922006	56112.50	56251.7	-1.65	56110.84	56053.89063	56136.77240	56049.33594	505723.2	5409381.1
L5720.0	505723.2	5409379.2	9005.79981	361.53	0	48.837362	-86.922006	56112.50	56251.7	-1.66	56110.84	56054.08594	56135.27730	56047.92188	505723.2	5409379.2
L5720.0	505723.2	5409377.6	9005.79981	361.53	0	48.837347	-86.922006	56112.31	56251.7	-1.66	56110.65	56054.08984	56129.10150	56041.82422	505723.2	5409377.6
L5720.0	505723.2	5409376.2	9006.00000	361.70	0	48.837334	-86.922006	56112.52	56251.7	-1.67	56110.85	56054.48438	56132.90880	56045.71094	505723.2	5409376.2
L5720.0	505723.2	5409376.2	9006.09961	361.43	0	48.837334	-86.922006	56112.40	56251.7	-1.67	56110.74	56054.57031	56129.00714	56041.88672	505723.2	5409376.2
L5720.0	505723.2	5409374.4	9006.20020	362.71	0	48.837318	-86.922006	56112.58	56251.7	-1.66	56110.92	56054.94141	56132.56597	56045.52344	505723.2	5409374.4
L5720.0	505723.2	5409374.4	9006.29981	365.12	0	48.837318	-86.922006	56112.63	56251.7	-1.66	56110.97	56055.18359	56132.97117	56046.00391	505723.2	5409374.4
L5720.0	505723.2	5409372.8	9006.40039	365.87	0	48.837304	-86.922006	56113.27	56251.7	-1.65	56111.61	56056.01563	56148.42559	56061.53516	505723.2	5409372.8
L5720.0	505723.2	5409372.8	9006.50000	366.20	0	48.837304	-86.922006	56113.08	56251.7	-1.65	56111.43	56056.02344	56143.28997	56056.47266	505723.2	5409372.8
L5720.0	505723.2	5409370.8	9006.59961	367.06	0	48.837285	-86.922006	56113.18	56251.6	-1.65	56111.53	56056.31250	56145.37289	56058.63281	505723.2	5409370.8
L5720.0	505723.3	5409369.2	9006.70020	365.81	0	48.837272	-86.922006	56112.98	56251.6	-1.64	56111.34	56056.31250	56140.26870	56053.60156	505723.3	5409369.2
L5720.0	505723.3	5409368.0	9006.79981	361.86	0	48.837261	-86.922006	56113.08	56251.6	-1.64	56111.44	56056.60156	56142.64150	56056.04688	505723.3	5409368.0
L5720.0	505723.3	5409368.0	9006.90039	362.49	0	48.837261	-86.922006	56113.19	56251.6	-1.63	56111.56	56056.90625	56145.66911	56059.14844	505723.3	5409368.0
L5720.0	505723.3	5409366.6	9007.00000	362.15	0	48.837248	-86.922006	56113.13	56251.6	-1.63	56111.50	56057.03125	56144.29884	56057.85547	505723.3	5409366.6
L5720.0	505723.3	5409364.7	9007.09961	363.23	0	48.837231	-86.922005	56113.48	56251.6	-1.63	56111.85	56057.56641	56153.44771	56067.07813	505723.3	5409364.7
L5720.0	505723.3	5409364.7	9007.20020	362.11	0	48.837231	-86.922005	56113.04	56251.6	-1.63	56111.41	56057.30859	56142.78508	56056.48828	505723.3	5409364.7
L5720.0	505723.3	5409363.0	9007.29981	359.35	0	48.837215	-86.922005	56113.11	56251.6	-1.63	56111.48	56057.55859	56145.17543	56058.95313	505723.3	5409363.0
L5720.0	505723.3	5409361.3	9007.40039	360.86	0	48.837200	-86.922005	56112.71	56251.6	-1.63	56111.08	56057.33984	56135.84936	56049.70313	505723.3	5409361.3
L5720.0	505723.3	5409359.5	9007.50000	361.11	0	48.837184	-86.922005	56112.83	56251.6	-1.63	56111.20	56057.64063	56139.83523	56053.76172	505723.3	5409359.5
L5720.0	505723.3	5409359.5	9007.59961	360.35	0	48.837184	-86.922005	56112.81	56251.6	-1.62	56111.18	56057.80078	56140.45269	56054.45703	505723.3	5409359.5
L5720.0	505723.3	5409358.1	9007.70020	362.24	0	48.837171	-86.922005	56112.80	56251.6	-1.62	56111.18	56057.97656	56141.74939	56055.82813	505723.3	5409358.1
L5720.0	505723.3	5409358.1	9007.79981	363.95	0	48.837171	-86.922005	56112.81	56251.6	-1.62	56111.19	56058.16406	56143.47577	56057.63281	505723.3	5409358.1
L5720.0	505723.3	5409356.1	9007.79981	363.95	0	48.837154	-86.922005	56112.78	56251.6	-1.62	56111.16	56058.30859	56144.37116	56058.60547	505723.3	5409356.1
L5720.0	505723.3	5409354.5	9008.00000	363.49	0	48.837139	-86.922005	56112.88	56251.6	-1.62	56111.26	56058.58594	56148.73610	56063.05078	505723.3	5409354.5
L5720.0	505723.3	5409354.5	9008.09961	364.43	0	48.837139	-86.922005	56112.45	56251.6	-1.62	56110.83	56058.32813	56139.89037	56054.28516	505723.3	5409354.5
L5720.0	505723.3	5409353.0	9008.20020	366.03	0	48.837125	-86.922005	56112.42	56251.6	-1.62	56110.80	56058.46875	56141.34586	56055.82031	505723.3	5409353.0
L5720.0	505723.3	5409351.7	9008.29981	365.48	0	48.837114	-86.922005	56112.28	56251.6	-1.62	56110.65	56058.49219	56139.96135	56054.51953	505723.3	5409351.7
L5720.0	505723.3	5409350.3	9008.40039	362.89	0	48.837101	-86.922005	56112.61	56251.6	-1.62	56110.98	56058.98828	56150.90701	56065.54688	505723.3	5409350.3
L5720.0	505723.3	5409350.3	9008.50000	359.54	0	48.837101	-86.922005	56112.39	56251.6	-1.63	56110.77	56058.94922	56148.40265	56063.12891	505723.3	5409350.3
L5720.0	505723.3	5409348.6	9008.59961	358.98	0	48.837086	-86.922005	56112.53	56251.6	-1.63	56110.91	56059.25391	56154.94911	56069.76172	505723.3	5409348.6
L5720.0	505723.4	5409347.2	9008.70020	358.50	0	48.837073	-86.922005	56112.31	56251.6	-1.63	56110.68	56059.19141	56152.34965	56067.25391	505723.4	5409347.2
L5720.0	505723.4	5409347.2	9008.79981	359.86	0	48.837073	-86.922005	56111.95	56251.6	-1.63	56110.32	56058.99609	56146.67444	56061.66797	505723.4	5409347.2
L5720.0	505723.4	5409345.5	9008.90039	362.44	0	48.837058	-86.922005	56111.46	56251.6	-1.63	56109.83	56058.67188	56137.92693	56053.01563	505723.4	5409345.5
L5720.0	505723.4	5409344.1	9009.00000	361.94	0	48.837045	-86.922004	56111.24	56251.6	-1.63	56109.61	56058.61328	56136.22179	56051.40625	505723.4	5409344.1
L5720.0	505723.4	5409344.1	9009.09961	360.62	0	48.837045	-86.922004	56111.29	56251.6	-1.63	56109.65	56058.81250	56141.30975	56056.58984	505723.4	5409344.1
L5720.0	505723.4	5409342.6	9009.20020	361.37	0	48.837032	-86.922004	56111.32	56251.6	-1.64	56109.68	56059.00391	56146.36921	56061.75000	505723.4	5409342.6
L5720.0	505723.4	5409342.6	9009.29981	360.96	0	48.837032	-86.922004	56111.08	56251.6	-1.64	56109.44	56058.92188	56144.83142	56060.31641	505723.4	5409342.6
L5720.0	505723.4	5409340.2	9009.40039	360.58	0	48.837011	-86.922004	56110.81	56251.6	-1.64	56109.16	56058.80078	56142.51383	56058.10547	505723.4	5409340.2
L5720.0	505723.4	5409339.1	9009.50000	359.43	0	48.837000	-86.922004	56110.50	56251.6	-1.65	56108.85	56058.64453	56139.67273	56055.37109	505723.4	5409339.1
L5720.0	505723.4	5409337.3	9009.59961	357.01	0	48.836985	-86.922004	56110.51	56251.6	-1.65	56108.86	56058.80859	56145.15898	56060.96875	505723.4	5409337.3
L5720.0	505723.4	5409337.3	9009.70020	354.94	0	48.836985	-86.922004	56110.61	56251.7	-1.65	56108.95	56059.05078	56152.90939	56068.83594	505723.4	5409337.3
L5720.0	505723.4	5409334.0	9009.79981	354.73	0	48.836955	-86.922004	56110.18	56251.7	-1.65	56108.53	56058.78516	56148.01347	56064.05859	505723.4	5409334.0
L5720.0	505723.4	5409334.0	9009.79981	354.73	0	48.836955	-86.922004	56110.07	56251.7	-1.65	56108.41	56058.81641	56150.94998	56067.11328	505723.4	5409334.0
L5720.0	505723.4	5409332.5	9010.00000	356.10	0	48.836941	-86.922004	56109.65	56251.7	-1.66	56107.99	56058.54297	56146.55566	56062.84766	505723.4	5409332.5
L5720.0	505723.4	5409330.8	9010.09961	358.80	0	48.836926	-86.922004	56109.31	56251.7	-1.66	56107.65	56058.35156	56144.43972	56060.85938	505723.4	5409330.8
L5720.0	505723.4	5409330.8	9010.20020	361.63	0	48.836926	-86.922004	56109.06	56251.7	-1.66	56107.40	56058.24609	56144.85853	56061.41016	505723.4	5409330.8
L5720.0	505723.4	5409328.9	9010.29981	361.68	0	48.836909	-86.922005	56108.71	56251.7	-1.66	56107.05	56058.04297	56143.01284	56059.69922	505723.4	5409328.9
L5720.0	505723.4	5409328.9	9010.40039	359.57	0	48.836909	-86.922005	56108.71	56251.7	-1.66	56107.05	56058.18750	56150.28135	56067.10938	505723.4	5409328.9
L5720.0	505723.4	5409327.2	9010.50000	362.06	0	48.836893	-86.922005	56108.28	56251.7	-1.65	56106.62	56057.89844	56146.95081	56063.92188	505723.4	5409327.2
L5720.0	505723.4	5409325.5	9010.59961	363.01	0	48.836878	-86.922005	56107.98	56251.7	-1.65	56106.32	56057.73828	56147.18052	56064.30078	505723.4	5409325.5
L5720.0	505723.4	5409325.5	9010.70020	360.79	0	48.836878	-86.922005	56107.72	56251.7	-1.65	56106.07	56057.62500	56148.95186	56066.22266	505723.4	5409325.5
L5720.0	505723.4	5409323.4	9010.79981	358.43	0	48.836859	-86.922005	56107.57	56251.7	-1.65	56105.91	56057.60547	56153.27959	56070.70703	505723.4	5409323.4
L5720.0	505723.4	5409321.8	9010.90039	358.25	0	48.836845	-86.922005	56106.89	56251.7	-1.65	56105.24	56057.07031	56145.00055	56062.58984	505723.4	5409321.8
L5720.0	505723.4	5409320.3	9011.00000	358.03	0	48.836831	-86.922005	56106.46	56251.7	-1.65	56104.81	56056.77344	56143.07692	56060.83594	505723.4	5409320.3
L5720.0	505723.4	5409318.9	9011.09961	357.06	0	48.836819	-86.922005	56106.04	56251.7	-1.65	56104.39	56056.48828	56141.69844	56059.62500	505723.4	5409318.9
L5720.0	505723.4	5409318.9	9011.20020	356.28	0	48.836819	-86.922005	56105.62	56251.7	-1.65	56103.97	56056.19922	56140.61604	56058.71875	505723.4	5409318.9
L5720.0	505723.4	5409317.3	9011.29981	358.35	0	48.836805	-86.922005	56105.25	56251.7	-1.66	56103.59	56055.94531	56140.84457	56059.12891	505723.4	5409317.3
L5720.0	505723.4	5409315.7	9011.40039	356.22	0	48.836790	-86.922005	56104.88	56251.7	-1.66	56103.22	56055.70703	56141.62944	56060.09766	505723.4	5409315.7
L5720.0	505723.4	5409315.7	9011.50000	356.81	0	48.836790	-86.922005	56104.40	56251.7	-1.66	56102.74	56055.35156	56139.94107	56058.60156	505723.4	5409315.7
L5720.0	505723.4	5409314.1	9011.59961	357.03	0	48.836776	-86.922005	56104.01	56251.7	-1.66	56102.35	56055.08594	56140.83888	56059.69531	505723.4	5409314.1
L5720.0	505723.4	5409312.8	9011.70020	362.98	0	48.836764	-86.922005	56103.86	56251.7	-1.66	56102.19	56055.05078	56147.86564	56066.92188	505723.4	5409312.8
L5720.0	505723.4	5409312.8	9011.79981	363.74	0	48.836764	-86.922005	56103.14	56251.7	-1.67	56101.48	56054.46094	56141.30836	56060.57031	505723.4	5409312.8
L5720.0	505723.4	5409311.0	9011.79981	363.74	0	48.836748	-86.922005	56102.84	56251.7	-1.67	56101.17	56054.26953	56145.18507	56064.66016	505723.4	5409311.0
L5720.0	505723.4	5409308.7	9012.00000	364.77	0	48.836727	-86.922005	56102.16	56251.7	-1.67	56100.49	56053.70703	56140.03566	56059.72656	505723.4	5409308.7
L5720.0	505723.4	5409308.7	9012.09961	366.72	0	48.836727	-86.922005	56101.88	56251.7	-1.67	56100.21	56053.54297	56145.32819	56065.24219	505723.4	5409308.7
L5720.0	505723.4	5409307.4	9012.20020	365.01	0	48.836715	-86.922005	56101.15	56251.7	-1.67	56099.48	56052.92969	56139.58038	56059.72266	505723.4	5409307.4
L5720.0	505723.4	5409306.0	9012.29981	362.25	0	48.836703	-86.922005	56100.44	56251.7	-1.66	56098.77	56052.33203	56134.67699	56055.05078	505723.4	5409306.0
L5720.0	505723.4	5409306.0	9012.40039	364.05	0	48.836703	-86.922005	56099.75	56251.7	-1.66	56098.09	56051.76172	56130.87492	56051.49219	505723.4	5409306.0
L5720.0	505723.3	5409304.2	9012.50000	364.58	0	48.836687	-86.922005	56099.09	56251.7	-1.66	56097.43	56051.21094	56127.92557	56048.78516	505723.3	5409304.2
L5720.0	505723.3	5409303.0	9012.59961	365.39	0	48.836676	-86.922005	56098.97	56251.7	-1.66	56097.31	56051.19922	56138.97773	56060.08984	505723.3	5409303.0
L5720.0	505723.3	5409301.2	9012.70020	367.95	0	48.836660	-86.922006	56098.36	56251.7	-1.66	56096.70	56050.69141	56137.99932	56059.36719	505723.3	5409301.2
L5720.0	505723.3	5409301.2	9012.79981	366.59	0	48.836660	-86.922006	56097.91	56251.7	-1.65	56096.25	56050.34766	56141.42538	56063.05469	505723.3	5409301.2
L5720.0	505723.3	5409300.2	9012.90039	367.94	0	48.836650	-86.922006	56097.07	56251.7	-1.65	56095.42	56049.61719	56135.61015	56057.50781	505723.3	5409300.2
L5720.0	505723.3	5409298.6	9013.00000	370.23	0	48.836637	-86.922006	56096.62	56251.7	-1.65	56094.97	56049.26953	56139.76936	56061.94141	505723.3	5409298.6
L5720.0	505723.3	5409296.9	9013.09961	370.65	0	48.836621	-86.922006	56095.81	56251.6	-1.65	56094.16	56048.55469	56135.20174	56057.65625	505723.3	5409296.9
L5720.0	505723.3	5409296.9	9013.20020	370.33	0	48.836621	-86.922006	56095.36	56251.6	-1.64	56093.71	56048.20313	56140.11199	56062.85156	505723.3	5409296.9
L5720.0	505723.3	5409295.5	9013.29981	370.62	0	48.836608	-86.922006	56094.59	56251.6	-1.64	56092.95	56047.53516	56137.56840	56060.59766	505723.3	5409295.5
L5720.0	505723.3	5409295.5	9013.40039	368.29	0	48.836608	-86.922006	56093.91	56251.6	-1.64	56092.27	56046.94922	56137.43402	56060.76172	505723.3	5409295.5
L5720.0	505723.3	5409293.5	9013.50000	369.77	0	48.836590	-86.922006	56093.16	56251.6	-1.64	56091.52	56046.28906	56135.92180	56059.55469	505723.3	5409293.5
L5720.0	505723.3	5409292.3	9013.59961	368.97	0	48.836579	-86.922006	56092.31	56251.6	-1.63	56090.68	56045.53516	56132.53086	56056.47266	505723.3	5409292.3
L5720.0	505723.3	5409290.8	9013.70020	364.25	0	48.836566	-86.922006	56091.71	56251.6	-1.63	56090.08	56045.01953	56135.60766	56059.86328	505723.3	5409290.8

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5720.0	505723.3	5409289.2	9013.79981	361.26	0	48.836552	-86.922007	56090.97	56251.6	-1.63	56089.35	56044.37500	56135.80408	56060.37891	505723.3	5409289.2
L5720.0	505723.3	5409287.5	9013.79981	361.26	0	48.836537	-86.922007	56090.04	56251.6	-1.63	56088.42	56043.52734	56131.35543	56056.25781	505723.3	5409287.5
L5720.0	505723.3	5409287.5	9014.00000	359.88	0	48.836537	-86.922007	56089.00	56251.6	-1.62	56087.38	56042.56641	56124.54149	56049.77734	505723.3	5409287.5
L5720.0	505723.2	5409286.2	9014.09961	358.84	0	48.836525	-86.922007	56088.04	56251.6	-1.62	56086.42	56041.68359	56120.16988	56045.74219	505723.2	5409286.2
L5720.0	505723.2	5409284.3	9014.20020	359.93	0	48.836507	-86.922007	56087.33	56251.6	-1.62	56085.71	56041.05078	56122.54262	56048.45703	505723.2	5409284.3
L5720.0	505723.2	5409284.3	9014.29981	359.75	0	48.836507	-86.922007	56086.78	56251.6	-1.63	56085.15	56040.56641	56129.13669	56055.40234	505723.2	5409284.3
L5720.0	505723.2	5409282.7	9014.40039	359.67	0	48.836493	-86.922008	56086.17	56251.6	-1.63	56084.54	56040.02734	56134.90121	56061.51953	505723.2	5409282.7
L5720.0	505723.2	5409281.1	9014.50000	356.99	0	48.836479	-86.922008	56085.34	56251.6	-1.63	56083.71	56039.26563	56135.54361	56062.52344	505723.2	5409281.1
L5720.0	505723.2	5409279.7	9014.59961	359.29	0	48.836466	-86.922008	56084.17	56251.6	-1.63	56082.54	56038.16406	56128.03519	56055.37891	505723.2	5409279.7
L5720.0	505723.2	5409279.7	9014.70020	357.09	0	48.836466	-86.922008	56083.02	56251.6	-1.63	56081.38	56037.07031	56121.22783	56048.94141	505723.2	5409279.7
L5720.0	505723.2	5409278.0	9014.79981	356.24	0	48.836451	-86.922008	56082.27	56251.6	-1.64	56080.64	56036.39063	56125.49005	56053.57813	505723.2	5409278.0
L5720.0	505723.2	5409278.0	9014.90039	359.25	0	48.836451	-86.922008	56081.34	56251.6	-1.64	56079.70	56035.51172	56125.15387	56053.62109	505723.2	5409278.0
L5720.0	505723.2	5409276.2	9015.00000	358.95	0	48.836434	-86.922008	56080.43	56251.6	-1.64	56078.79	56034.66406	56126.03755	56054.89063	505723.2	5409276.2
L5720.0	505723.1	5409274.4	9015.09961	358.54	0	48.836419	-86.922009	56079.11	56251.6	-1.64	56077.47	56033.39844	56117.02296	56046.26563	505723.1	5409274.4
L5720.0	505723.1	5409273.2	9015.20020	358.84	0	48.836408	-86.922009	56078.20	56251.6	-1.64	56076.57	56032.55469	56119.09487	56048.73438	505723.1	5409273.2
L5720.0	505723.1	5409273.2	9015.29981	359.95	0	48.836408	-86.922009	56077.14	56251.6	-1.63	56075.51	56031.54688	56117.59592	56047.63281	505723.1	5409273.2
L5720.0	505723.1	5409271.6	9015.40039	361.39	0	48.836393	-86.922009	56076.31	56251.6	-1.63	56074.67	56030.75391	56122.13543	56052.57422	505723.1	5409271.6
L5720.0	505723.1	5409269.9	9015.50000	359.99	0	48.836378	-86.922009	56075.29	56251.6	-1.63	56073.66	56029.79297	56122.85847	56053.70703	505723.1	5409269.9
L5720.0	505723.1	5409268.5	9015.59961	358.04	0	48.836365	-86.922009	56074.23	56251.6	-1.63	56072.60	56028.77734	56122.80166	56054.05859	505723.1	5409268.5
L5720.0	505723.1	5409268.5	9015.70020	358.90	0	48.836365	-86.922009	56073.07	56251.6	-1.63	56071.44	56027.66406	56120.70409	56052.37500	505723.1	5409268.5
L5720.0	505723.1	5409267.1	9015.79981	357.07	0	48.836352	-86.922009	56071.82	56251.6	-1.62	56070.20	56026.46484	56117.07406	56049.16406	505723.1	5409267.1
L5720.0	505723.1	5409267.1	9015.79981	357.07	0	48.836352	-86.922009	56070.54	56251.6	-1.62	56068.92	56025.22266	56112.92513	56045.43750	505723.1	5409267.1
L5720.0	505723.1	5409264.0	9016.00000	360.32	0	48.836325	-86.922010	56069.22	56251.6	-1.62	56067.60	56023.94141	56108.25942	56041.19922	505723.1	5409264.0
L5720.0	505723.1	5409264.0	9016.09961	363.06	0	48.836325	-86.922010	56068.14	56251.6	-1.62	56066.52	56022.89453	56110.15652	56043.52344	505723.1	5409264.0
L5720.0	505723.1	5409262.4	9016.20020	362.22	0	48.836310	-86.922010	56066.64	56251.6	-1.63	56065.01	56021.41797	56101.68157	56035.48047	505723.1	5409262.4
L5720.0	505723.1	5409262.4	9016.29981	362.74	0	48.836310	-86.922010	56065.63	56251.6	-1.63	56064.00	56020.43750	56106.34411	56040.57813	505723.1	5409262.4
L5720.0	505723.1	5409260.2	9016.40039	360.55	0	48.836290	-86.922010	56064.19	56251.6	-1.63	56062.56	56019.02344	56100.63615	56035.30469	505723.1	5409260.2
L5720.0	505723.1	5409258.9	9016.50000	357.41	0	48.836279	-86.922010	56062.95	56251.6	-1.64	56061.31	56017.80078	56100.23017	56035.33984	505723.1	5409258.9
L5720.0	505723.1	5409258.9	9016.59961	358.40	0	48.836279	-86.922010	56061.61	56251.6	-1.64	56059.97	56016.48438	56098.04795	56033.59766	505723.1	5409258.9
L5720.0	505723.1	5409256.9	9016.70020	358.96	0	48.836261	-86.922010	56060.32	56251.6	-1.64	56058.68	56015.21484	56097.62753	56033.62109	505723.1	5409256.9
L5720.0	505723.1	5409255.5	9016.79981	362.01	0	48.836248	-86.922010	56059.13	56251.6	-1.64	56057.49	56014.04297	56100.23141	56036.66797	505723.1	5409255.5
L5720.0	505723.1	5409255.5	9016.90039	360.24	0	48.836248	-86.922010	56057.54	56251.6	-1.65	56055.89	56012.46094	56092.96580	56029.84766	505723.1	5409255.5
L5720.0	505723.1	5409254.1	9017.00000	360.79	0	48.836236	-86.922010	56056.40	56251.7	-1.65	56054.75	56011.33594	56097.82000	56035.15234	505723.1	5409254.1
L5720.0	505723.1	5409252.3	9017.09961	361.36	0	48.836219	-86.922010	56054.61	56251.7	-1.65	56052.96	56009.55859	56086.73223	56024.51172	505723.1	5409252.3
L5720.0	505723.0	5409250.6	9017.20020	359.73	0	48.836204	-86.922010	56053.31	56251.7	-1.65	56051.66	56008.26953	56088.51558	56026.74219	505723.0	5409250.6
L5720.0	505723.0	5409250.6	9017.29981	361.23	0	48.836204	-86.922010	56051.77	56251.7	-1.65	56050.12	56006.73438	56084.71259	56023.38672	505723.0	5409250.6
L5720.0	505723.0	5409249.3	9017.40039	362.66	0	48.836193	-86.922010	56050.30	56251.7	-1.65	56048.65	56005.27344	56083.15422	56022.27734	505723.0	5409249.3
L5720.0	505723.0	5409247.7	9017.50000	361.31	0	48.836178	-86.922011	56048.66	56251.7	-1.65	56047.01	56003.63672	56077.76782	56017.34375	505723.0	5409247.7
L5720.0	505723.0	5409247.7	9017.59961	361.80	0	48.836178	-86.922011	56046.89	56251.7	-1.65	56045.24	56001.86719	56069.55782	56009.58203	505723.0	5409247.7
L5720.0	505723.0	5409246.2	9017.70020	363.52	0	48.836165	-86.922011	56045.37	56251.7	-1.65	56043.72	56000.34375	56068.12241	56008.59375	505723.0	5409246.2
L5720.0	505723.0	5409244.5	9017.79981	360.41	0	48.836149	-86.922012	56043.80	56251.7	-1.65	56042.15	55998.77344	56065.86993	56006.78516	505723.0	5409244.5
L5720.0	505722.9	5409242.8	9017.79981	360.41	0	48.836134	-86.922012	56042.44	56251.7	-1.65	56040.79	55997.40625	56069.36358	56010.72656	505722.9	5409242.8
L5720.0	505722.9	5409242.8	9018.00000	362.72	0	48.836134	-86.922012	56040.76	56251.7	-1.65	56039.11	55995.71875	56065.19611	56007.00391	505722.9	5409242.8
L5720.0	505722.9	5409241.3	9018.09961	360.83	0	48.836121	-86.922012	56039.13	56251.6	-1.65	56037.48	55994.08203	56062.70961	56004.95703	505722.9	5409241.3
L5720.0	505722.9	5409239.5	9018.20020	358.97	0	48.836105	-86.922012	56037.56	56251.6	-1.65	56035.91	55992.50000	56062.14522	56004.83203	505722.9	5409239.5
L5720.0	505722.9	5409238.3	9018.29981	358.30	0	48.836094	-86.922013	56035.70	56251.6	-1.64	56034.06	55990.63672	56054.89588	55998.02344	505722.9	5409238.3
L5720.0	505722.9	5409238.3	9018.40039	359.59	0	48.836094	-86.922013	56034.06	56251.6	-1.64	56032.42	55988.98047	56053.33437	55996.89453	505722.9	5409238.3
L5720.0	505722.9	5409238.3	9018.50000	360.93	0	48.836094	-86.922013	56032.20	56251.6	-1.64	56030.56	55987.10156	56046.57678	55990.57031	505722.9	5409238.3
L5720.0	505722.9	5409235.7	9018.59961	361.93	0	48.836070	-86.922013	56030.65	56251.6	-1.64	56029.01	55985.53125	56048.00517	55992.42578	505722.9	5409235.7
L5720.0	505722.9	5409234.9	9018.70020	359.29	0	48.836063	-86.922013	56028.78	56251.6	-1.64	56027.14	55983.64063	56041.67815	55986.52734	505722.9	5409234.9
L5720.0	505722.8	5409233.3	9018.79981	360.61	0	48.836048	-86.922013	56026.91	56251.6	-1.63	56025.27	55981.74609	56035.66750	55980.93750	505722.8	5409233.3
L5720.0	505722.8	5409233.3	9018.90039	359.30	0	48.836048	-86.922013	56025.18	56251.6	-1.63	56023.55	55980.00000	56033.74680	55979.43359	505722.8	5409233.3
L5720.0	505722.8	5409231.8	9019.00000	360.45	0	48.836036	-86.922013	56023.41	56251.6	-1.63	56021.78	55978.20313	56030.84134	55976.94141	505722.8	5409231.8
L5720.0	505722.8	5409229.9	9019.09961	359.27	0	48.836018	-86.922014	56021.74	56251.6	-1.63	56020.11	55976.50391	56030.72277	55977.23047	505722.8	5409229.9
L5720.0	505722.8	5409228.9	9019.20020	360.34	0	48.836009	-86.922014	56020.00	56251.6	-1.63	56018.37	55974.73047	56029.07284	55975.98438	505722.8	5409228.9
L5720.0	505722.8	5409227.2	9019.29981	360.29	0	48.835994	-86.922014	56018.23	56251.6	-1.63	56016.60	55972.92578	56026.88070	55974.19141	505722.8	5409227.2
L5720.0	505722.8	5409227.2	9019.40039	362.31	0	48.835994	-86.922014	56016.18	56251.6	-1.63	56014.55	55970.83984	56017.80394	55965.50781	505722.8	5409227.2
L5720.0	505722.8	5409225.5	9019.50000	360.40	0	48.835978	-86.922015	56014.34	56251.6	-1.63	56012.71	55968.96484	56014.20496	55962.29297	505722.8	5409225.5
L5720.0	505722.8	5409225.5	9019.59961	361.90	0	48.835978	-86.922015	56012.26	56251.6	-1.62	56010.63	55966.84375	56004.68388	55953.15234	505722.8	5409225.5
L5720.0	505722.7	5409223.8	9019.70020	364.79	0	48.835963	-86.922015	56010.38	56251.6	-1.62	56008.76	55964.93359	56000.59013	55949.43359	505722.7	5409223.8
L5720.0	505722.7	5409221.7	9019.79981	365.63	0	48.835944	-86.922015	56008.46	56251.6	-1.62	56006.84	55962.96875	55995.32483	55944.53516	505722.7	5409221.7
L5720.0	505722.7	5409220.4	9019.79981	365.63	0	48.835932	-86.922015	56006.59	56251.6	-1.62	56004.97	55961.05469	55991.38836	55940.96094	505722.7	5409220.4
L5720.0	505722.7	5409220.4	9019.90039	362.58	0	48.835932	-86.922015	56004.64	56251.6	-1.62	56003.02	55959.05859	55985.46624	55935.39063	505722.7	5409220.4
L5720.0	505722.7	5409218.4	9020.00000	360.77	0	48.835915	-86.922016	56002.80	56251.6	-1.62	56001.18	55957.17188	55982.33217	55932.60547	505722.7	5409218.4
L5720.0	505722.7	5409218.4	9020.09961	363.26	0	48.835915	-86.922016	56000.83	56251.6	-1.62	55999.21	55955.15234	55975.88947	55926.50000	505722.7	5409218.4
L5720.0	505722.7	5409216.9	9020.20020	362.03	0	48.835901	-86.922016	55998.80	56251.6	-1.62	55997.18	55953.07031	55967.87688	55918.82031	505722.7	5409216.9
L5720.0	505722.7	5409215.0	9020.40039	362.74	0	48.835884	-86.922016	55996.73	56251.6	-1.63	55995.10	55950.93750	55958.51571	55909.78125	505722.7	5409215.0
L5720.0	505722.7	5409215.0	9020.50000	360.88	0	48.835884	-86.922016	55994.81	56251.6	-1.63	55993.17	55948.95313	55952.82939	55904.40625	505722.7	5409215.0
L5720.0	505722.7	5409213.6	9020.59961	362.46	0	48.835872	-86.922016	55993.12	56251.6	-1.63	55991.49	55947.21875	55953.31286	55905.19531	505722.7	5409213.6
L5720.0	505722.7	5409212.2	9020.70020	363.63	0	48.835859	-86.922016	55991.21	56251.6	-1.63	55989.58	55945.25000	55947.79920	55899.98047	505722.7	5409212.2
L5720.0	505722.7	5409211.0	9020.79981	363.06	0	48.835848	-86.922016	55989.19	56251.6	-1.64	55987.56	55943.16797	55939.28769	55891.75391	505722.7	5409211.0
L5720.0	505722.7	5409211.0	9020.90039	362.03	0	48.835848	-86.922016	55987.29	56251.6	-1.64	55985.65	55941.19922	55933.30486	55886.05078	505722.7	5409211.0
L5720.0	505722.6	5409209.2	9021.00000	359.71	0	48.835832	-86.922016	55985.65	56251.6	-1.64	55984.01	55939.49609	55933.86007	55886.87500	505722.6	5409209.2
L5720.0	505722.6	5409207.6	9021.09961	360.51	0	48.835817	-86.922016	55983.63	56251.6	-1.64	55981.99	55937.41406	55924.48703	55877.75781	505722.6	5409207.6
L5720.0	505722.7	5409205.9	9021.20020	359.05	0	48.835803	-86.922016	55981.52	56251.6	-1.64	55979.89	55935.25000	55912.73315	55866.25391	505722.7	5409205.9
L5720.0	505722.7	5409205.9	9021.29981	361.84	0	48.835803	-86.922016	55979.75	56251.6	-1.63	55978.12	55933.41406	55908.92608	55862.68750	505722.7	5409205.9
L5720.0	505722.7	5409204.0	9021.40039	361.56	0	48.835785	-86.922016	55977.88	56251.6	-1.63	55976.25	55931.47656	55902.15964	55856.14844	505722.7	5409204.0
L5720.0	505722.7	5409204.0	9021.50000	360.50	0	48.835785	-86.922016	55976.39	56251.6	-1.63	55974.76	55929.91797	55904.53040	55858.73438	505722.7	5409204.0
L5720.0	505722.7	5409202.4	9021.59961	358.71	0	48.835771	-86.922016	55974.42	56251.6	-1.63	55972.79	55927.87500	55894.26220	55848.67578	505722.7	5409202.4
L5720.0	505722.7	5409201.0	9021.70020	359.07	0	48.835758	-86.922016	55972.63	56251.6	-1.63	55971.00	55926.01563	55888.00135	55842.60938	505722.7	5409201.0
L5720.0	505722.7	5409199.3	9021.79981	360.17	0	48.835743	-86.922016	55970.75	56251.6	-1.62	55969.12	55924.06250	55878.88553	55833.67969	505722.7	5409199.3
L5720.0	505722.7	5409199.3	9021.79981	360.17	0	48.835743	-86.922016	55969.08	56251.6	-1.62	55967.45	55922.31641	55874.46089	55829.42969	505722.7	5409199.3
L5720.0	505722.7	5409197.6	9022.00000	361.54	0	48.835728	-86.922016	55967.34	56251.6	-1.62	55965.72	55920.51172	55867.86518	55822.99609	505722.7	5409197.6
L5720.0	505722.7	5409197.6	9022.09961	361.86	0	48.835728	-86.922016	55965.59	56251.6	-1.62	55963.97	55918.68750	55860.07243	55815.35547	505722.7	5409197.6
L5720.0	505722.7	5409194.2	9022.20020	362.55	0	48.835697	-86.922016	55963.77	56251.6	-1.62	55962.14	55916.78125	55849.52908	55804.94922	505722.7	5409194.2
L5720.0	505722.7	5409194.2	9022.29981	360.77	0	48.835697	-86.922016	55961.85	56251.6	-1.62	55960.22	55914.78125	55835.94572	55791.49609	505722.7	5409194.2
L5720.0	505722.7	5409192.6	9022.40039	360.85	0	48.835683	-86.922016	55960.18	56251.6	-1.62	55958.56	55913.04297	55828.13333	55783.79688	505722.7	5409192.6
L5720.0	505722.7	5409192.6	9022.50000	359.67	0	48.835683	-86.922016	55958.71	56251.6	-1.63	55957.09	55911.49219	55824.28650	55780.05469	505722.7	5409192.6
L5720.0	505722.7	5409191.0	9022.59961	360.12	0	48.835668	-86.922016	55957.39	56251.6	-1.63	55955.77	55910.09375	55823.35863	55779.21875	505722.7	5409191.0
L5720.0	505722.7	5409189.3	9022.70020	359.27	0	48.835653	-86.922015	55955.65	56251.6	-1.63	55954.02	55908.26172	55810.65349	55766.59375	505722.7	5409189.3
L5720.0	505722.7	5409189.3	9022.79981	360.38	0	48.835653	-86.922015	55954.43	56251.6	-1.63	55952.81	55906.96875	55810.65634	55766.66797	505722.7	5409189.3
L5720.0	505722.8	5409187.4	9022.90039	359.17	0	48.835636	-86.922015	55953.04	56251.6	-1.63	55951.41	55905.48438	55804.88047	55760.94531	505722.8	5409187.4
L5720.0	505722.8	5409186.0	9023.00000	361.86	0	48.835623	-86.922015	55951.81	56251.6	-1.63	55950.18	55904.16797	55802.39291	55758.50000	505722.8	5409186.0

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5720.0	505722.8	5409184.5	9023.09961	362.73	0	48.835610	-86.922015	55950.44	56251.6	-1.63	55948.81	55902.71484	55795.32518	55751.46484	505722.8	5409184.5
L5720.0	505722.8	5409184.5	9023.20020	364.61	0	48.835610	-86.922015	55949.13	56251.6	-1.62	55947.50	55901.31641	55788.70143	55744.85938	505722.8	5409184.5
L5720.0	505722.8	5409182.7	9023.29981	364.26	0	48.835594	-86.922014	55947.78	56251.6	-1.62	55946.16	55899.89063	55780.21605	55736.38281	505722.8	5409182.7
L5720.0	505722.8	5409182.7	9023.40039	361.46	0	48.835594	-86.922014	55946.44	56251.6	-1.62	55944.82	55898.46484	55770.59776	55726.75781	505722.8	5409182.7
L5720.0	505722.9	5409180.8	9023.50000	361.20	0	48.835576	-86.922014	55945.56	56251.6	-1.61	55943.94	55897.49609	55771.44583	55727.58594	505722.9	5409180.8
L5720.0	505722.9	5409179.3	9023.59961	360.75	0	48.835563	-86.922014	55944.37	56251.6	-1.61	55942.75	55896.21875	55763.26864	55719.37891	505722.9	5409179.3
L5720.0	505722.9	5409177.9	9023.70020	360.50	0	48.835550	-86.922013	55943.18	56251.6	-1.61	55941.57	55894.94922	55754.12872	55710.19531	505722.9	5409177.9
L5720.0	505722.9	5409177.9	9023.79981	362.34	0	48.835550	-86.922013	55942.27	56251.6	-1.61	55940.66	55893.94531	55750.57307	55706.58594	505722.9	5409177.9
L5720.0	505722.9	5409176.0	9023.79981	362.34	0	48.835533	-86.922013	55941.28	56251.6	-1.61	55939.67	55892.86719	55743.73035	55699.67578	505722.9	5409176.0
L5720.0	505722.9	5409176.0	9024.00000	360.34	0	48.835533	-86.922013	55940.50	56251.6	-1.60	55938.90	55892.00391	55741.16118	55697.02734	505722.9	5409176.0
L5720.0	505722.9	5409174.5	9024.09961	360.61	0	48.835520	-86.922013	55939.69	56251.6	-1.60	55938.09	55891.10547	55736.27180	55692.04688	505722.9	5409174.5
L5720.0	505722.9	5409173.3	9024.20020	363.72	0	48.835509	-86.922013	55939.13	56251.6	-1.60	55937.53	55890.44922	55736.37272	55692.04297	505722.9	5409173.3
L5720.0	505723.0	5409171.6	9024.29981	363.29	0	48.835494	-86.922012	55938.42	56251.6	-1.61	55936.82	55889.64844	55731.33402	55686.88672	505723.0	5409171.6
L5720.0	505723.0	5409170.2	9024.40039	363.53	0	48.835481	-86.922012	55938.12	56251.6	-1.61	55936.51	55889.24609	55735.04130	55690.46875	505723.0	5409170.2
L5720.0	505723.0	5409168.8	9024.50000	362.98	0	48.835469	-86.922012	55937.52	56251.6	-1.61	55935.91	55888.55078	55730.03692	55685.32422	505723.0	5409168.8
L5720.0	505723.0	5409168.8	9024.59961	360.34	0	48.835469	-86.922012	55937.16	56251.6	-1.61	55935.55	55888.09766	55729.70390	55684.83984	505723.0	5409168.8
L5720.0	505723.0	5409168.8	9024.70020	360.67	0	48.835469	-86.922012	55936.45	56251.6	-1.61	55934.83	55887.28125	55718.86263	55673.83203	505723.0	5409168.8
L5720.0	505723.0	5409166.9	9024.79981	359.71	0	48.835452	-86.922012	55936.22	56251.6	-1.62	55934.61	55886.96875	55719.24093	55674.03906	505723.0	5409166.9
L5720.0	505723.1	5409165.4	9024.90039	359.57	0	48.835438	-86.922011	55935.69	56251.6	-1.62	55934.07	55886.33203	55710.10117	55664.71094	505723.1	5409165.4
L5720.0	505723.1	5409163.5	9025.00000	358.94	0	48.835421	-86.922011	55935.56	56251.6	-1.62	55933.94	55886.10547	55709.88819	55664.30078	505723.1	5409163.5
L5720.0	505723.1	5409163.5	9025.09961	360.84	0	48.835421	-86.922011	55935.39	56251.6	-1.62	55933.77	55885.83984	55707.22041	55661.42188	505723.1	5409163.5
L5720.0	505723.1	5409162.3	9025.20020	359.96	0	48.835410	-86.922011	55935.39	56251.6	-1.62	55933.77	55885.74219	55707.40132	55661.38281	505723.1	5409162.3
L5720.0	505723.1	5409160.6	9025.29981	360.08	0	48.835395	-86.922011	55935.41	56251.6	-1.62	55933.80	55885.67578	55706.88875	55660.64063	505723.1	5409160.6
L5720.0	505723.1	5409159.2	9025.40039	361.26	0	48.835382	-86.922010	55935.72	56251.6	-1.62	55934.10	55885.87891	55711.74780	55665.25781	505723.1	5409159.2
L5720.0	505723.1	5409159.2	9025.50000	362.84	0	48.835382	-86.922010	55935.94	56251.6	-1.62	55934.33	55886.01172	55713.38395	55666.64063	505723.1	5409159.2
L5720.0	505723.2	5409156.7	9025.59961	363.47	0	48.835359	-86.922010	55936.18	56251.6	-1.61	55934.56	55886.14063	55713.56829	55666.56250	505723.2	5409156.7
L5720.0	505723.2	5409156.7	9025.70020	362.56	0	48.835359	-86.922010	55936.50	56251.6	-1.61	55934.89	55886.37500	55714.83185	55667.55469	505723.2	5409156.7
L5720.0	505723.2	5409155.5	9025.79981	362.71	0	48.835349	-86.922010	55936.86	56251.6	-1.61	55935.24	55886.62500	55715.15726	55667.59766	505723.2	5409155.5
L5720.0	505723.2	5409153.5	9025.79981	362.71	0	48.835331	-86.922009	55937.21	56251.6	-1.61	55935.60	55886.88672	55714.29818	55666.44531	505723.2	5409153.5
L5720.0	505723.2	5409153.5	9026.00000	359.22	0	48.835331	-86.922009	55937.62	56251.6	-1.61	55936.01	55887.19531	55713.27375	55665.11719	505723.2	5409153.5
L5720.0	505723.3	5409152.0	9026.09961	359.58	0	48.835318	-86.922008	55937.87	56251.6	-1.61	55936.26	55887.34766	55706.78519	55658.32031	505723.3	5409152.0
L5720.0	505723.3	5409150.0	9026.20020	359.97	0	48.835300	-86.922008	55938.81	56251.6	-1.61	55937.20	55888.18750	55716.32993	55667.54297	505723.3	5409150.0
L5720.0	505723.4	5409148.7	9026.29981	360.41	0	48.835288	-86.922007	55939.46	56251.6	-1.61	55937.85	55888.73828	55717.14813	55668.03125	505723.4	5409148.7
L5720.0	505723.4	5409148.7	9026.40039	360.88	0	48.835288	-86.922007	55940.45	56251.6	-1.61	55938.83	55889.61719	55724.92629	55675.47266	505723.4	5409148.7
L5720.0	505723.4	5409146.8	9026.50000	361.01	0	48.835271	-86.922007	55941.18	56251.6	-1.61	55939.57	55890.25781	55725.27149	55675.46875	505723.4	5409146.8
L5720.0	505723.4	5409146.8	9026.59961	359.98	0	48.835271	-86.922007	55942.24	56251.6	-1.61	55940.63	55891.21484	55732.35638	55682.19922	505723.4	5409146.8
L5720.0	505723.4	5409145.1	9026.70020	360.42	0	48.835255	-86.922006	55943.41	56251.6	-1.61	55941.80	55892.28516	55740.89091	55690.37109	505723.4	5409145.1
L5720.0	505723.5	5409143.6	9026.79981	356.78	0	48.835242	-86.922006	55944.42	56251.6	-1.61	55942.81	55893.19141	55744.06970	55693.17969	505723.5	5409143.6
L5720.0	505723.5	5409143.6	9026.90039	356.88	0	48.835242	-86.922006	55945.84	56251.6	-1.61	55944.23	55894.51172	55756.32217	55705.05469	505723.5	5409143.6
L5720.0	505723.5	5409141.8	9027.00000	358.36	0	48.835226	-86.922005	55946.82	56251.6	-1.61	55945.21	55895.38672	55756.18419	55704.53125	505723.5	5409141.8
L5720.0	505723.6	5409140.1	9027.09961	356.69	0	48.835211	-86.922005	55948.41	56251.6	-1.61	55946.81	55896.88672	55770.47387	55718.42578	505723.6	5409140.1
L5720.0	505723.6	5409140.1	9027.20020	358.20	0	48.835211	-86.922005	55949.22	56251.6	-1.61	55947.61	55897.58203	55763.32093	55710.87500	505723.6	5409140.1
L5720.0	505723.6	5409138.2	9027.29981	359.26	0	48.835193	-86.922004	55950.94	56251.6	-1.61	55949.33	55899.19922	55778.22919	55725.37891	505723.6	5409138.2
L5720.0	505723.6	5409136.5	9027.40039	361.30	0	48.835178	-86.922004	55952.14	56251.6	-1.61	55950.53	55900.29688	55778.82496	55725.56250	505723.6	5409136.5
L5720.0	505723.6	5409136.5	9027.50000	362.87	0	48.835178	-86.922004	55953.93	56251.6	-1.60	55952.32	55901.98047	55793.19446	55739.51563	505723.6	5409136.5
L5720.0	505723.7	5409135.2	9027.59961	363.66	0	48.835166	-86.922004	55955.20	56251.6	-1.60	55953.59	55903.14844	55793.30763	55739.20313	505723.7	5409135.2
L5720.0	505723.7	5409133.3	9027.70020	362.09	0	48.835149	-86.922003	55956.94	56251.6	-1.60	55955.34	55904.79297	55804.47189	55749.94141	505723.7	5409133.3
L5720.0	505723.7	5409131.8	9027.79981	362.03	0	48.835136	-86.922003	55958.56	56251.6	-1.60	55956.96	55906.30859	55811.29786	55756.33203	505723.7	5409131.8
L5720.0	505723.7	5409131.8	9027.79981	362.03	0	48.835136	-86.922003	55960.15	56251.6	-1.60	55958.55	55907.79297	55816.34428	55760.94141	505723.7	5409131.8
L5720.0	505723.7	5409129.8	9028.00000	360.06	0	48.835118	-86.922003	55962.02	56251.6	-1.60	55960.42	55909.55469	55827.47895	55771.63281	505723.7	5409129.8
L5720.0	505723.7	5409129.8	9028.09961	360.40	0	48.835118	-86.922003	55963.54	56251.6	-1.60	55961.94	55910.96875	55828.80893	55772.51563	505723.7	5409129.8
L5720.0	505723.7	5409128.3	9028.20020	359.94	0	48.835104	-86.922003	55965.46	56251.6	-1.60	55963.86	55912.78125	55839.32550	55782.58203	505723.7	5409128.3
L5720.0	505723.7	5409126.8	9028.29981	358.12	0	48.835091	-86.922003	55966.90	56251.6	-1.60	55965.30	55914.11328	55836.81727	55779.61719	505723.7	5409126.8
L5720.0	505723.7	5409125.3	9028.40039	359.13	0	48.835078	-86.922003	55968.90	56251.6	-1.60	55967.30	55916.00781	55847.60702	55789.94922	505723.7	5409125.3
L5720.0	505723.7	5409125.3	9028.50000	358.53	0	48.835078	-86.922003	55970.75	56251.6	-1.60	55969.15	55917.75000	55853.78141	55795.66016	505723.7	5409125.3
L5720.0	505723.7	5409123.6	9028.59961	357.91	0	48.835062	-86.922003	55972.75	56251.6	-1.60	55971.15	55919.64063	55862.95813	55804.37500	505723.7	5409123.6
L5720.0	505723.7	5409123.6	9028.70020	360.63	0	48.835062	-86.922003	55974.82	56251.6	-1.60	55973.22	55921.59766	55873.14948	55814.09766	505723.7	5409123.6
L5720.0	505723.7	5409122.0	9028.79981	359.86	0	48.835047	-86.922003	55976.64	56251.6	-1.60	55975.04	55923.30859	55876.30118	55816.78125	505723.7	5409122.0
L5720.0	505723.7	5409122.0	9028.90039	360.46	0	48.835047	-86.922003	55978.57	56251.6	-1.60	55976.97	55925.12891	55881.54813	55821.55859	505723.7	5409122.0
L5720.0	505723.7	5409118.6	9029.00000	360.09	0	48.835017	-86.922003	55980.54	56251.6	-1.60	55978.94	55926.98828	55887.15569	55826.69141	505723.7	5409118.6
L5720.0	505723.7	5409118.6	9029.09961	359.83	0	48.835017	-86.922003	55983.02	56251.6	-1.60	55981.42	55929.35547	55905.03933	55844.10156	505723.7	5409118.6
L5720.0	505723.8	5409116.8	9029.20020	360.55	0	48.835001	-86.922002	55984.79	56251.6	-1.60	55983.19	55931.01172	55904.39459	55842.98047	505723.8	5409116.8
L5720.0	505723.8	5409116.8	9029.29981	360.59	0	48.835001	-86.922002	55986.76	56251.6	-1.60	55985.17	55932.87891	55908.51182	55846.62109	505723.8	5409116.8
L5720.0	505723.8	5409115.2	9029.40039	360.77	0	48.834986	-86.922002	55988.66	56251.6	-1.60	55987.06	55934.65625	55909.84201	55847.47656	505723.8	5409115.2
L5720.0	505723.8	5409114.2	9029.50000	363.33	0	48.834977	-86.922002	55990.73	56251.6	-1.60	55989.14	55936.62109	55915.49712	55852.65234	505723.8	5409114.2
L5720.0	505723.8	5409112.8	9029.59961	361.83	0	48.834964	-86.922002	55992.73	56251.6	-1.59	55991.14	55938.50781	55918.68590	55855.36328	505723.8	5409112.8
L5720.0	505723.8	5409110.9	9029.70020	361.86	0	48.834948	-86.922002	55995.29	56251.6	-1.59	55993.69	55940.94141	55935.36695	55871.56641	505723.8	5409110.9
L5720.0	505723.8	5409110.9	9029.79981	362.90	0	48.834948	-86.922002	55997.56	56251.6	-1.59	55995.97	55943.10156	55944.84534	55880.56641	505723.8	5409110.9
L5720.0	505723.8	5409109.0	9029.79981	362.90	0	48.834931	-86.922002	55999.76	56251.6	-1.59	55998.17	55945.18359	55951.95647	55887.20313	505723.8	5409109.0
L5720.0	505723.8	5409107.5	9030.00000	362.67	0	48.834917	-86.922001	56002.12	56251.6	-1.59	56000.53	55947.42578	55962.79914	55897.57031	505723.8	5409107.5
L5720.0	505723.8	5409107.5	9030.09961	360.37	0	48.834917	-86.922001	56004.04	56251.6	-1.59	56002.45	55949.22656	55962.23807	55896.53125	505723.8	5409107.5
L5720.0	505723.9	5409106.1	9030.20020	359.63	0	48.834905	-86.922001	56006.36	56251.6	-1.59	56004.77	55951.42578	55971.53773	55905.35938	505723.9	5409106.1
L5720.0	505723.9	5409104.7	9030.29981	356.94	0	48.834892	-86.922001	56008.42	56251.6	-1.59	56006.83	55953.36719	55974.04492	55907.39453	505723.9	5409104.7
L5720.0	505723.9	5409103.2	9030.40039	355.81	0	48.834879	-86.922001	56010.94	56251.6	-1.59	56009.35	55955.76172	55987.98945	55920.86719	505723.9	5409103.2
L5720.0	505723.9	5409103.2	9030.50000	357.40	0	48.834879	-86.922001	56012.56	56251.6	-1.59	56010.97	55957.26172	55979.02214	55911.42969	505723.9	5409103.2
L5720.0	505723.9	5409101.5	9030.59961	356.07	0	48.834863	-86.922001	56014.86	56251.6	-1.59	56013.27	55959.43750	55987.11047	55919.05469	505723.9	5409101.5
L5720.0	505723.9	5409099.9	9030.70020	357.14	0	48.834848	-86.922001	56016.76	56251.6	-1.59	56015.17	55961.21094	55984.98161	55916.46094	505723.9	5409099.9
L5720.0	505723.9	5409099.9	9030.79981	359.09	0	48.834848	-86.922001	56019.14	56251.6	-1.59	56017.55	55963.46484	55994.90685	55925.92188	505723.9	5409099.9
L5720.0	505723.9	5409098.0	9030.90039	362.41	0	48.834832	-86.922001	56021.24	56251.6	-1.59	56019.65	55965.43750	55997.70073	55928.25781	505723.9	5409098.0
L5720.0	505723.9	5409097.0	9031.00000	361.90	0	48.834822	-86.922001	56023.46	56251.6	-1.59	56021.87	55967.52734	56003.49944	55933.60156	505723.9	5409097.0
L5720.0	505723.8	5409095.8	9031.09961	360.38	0	48.834812	-86.922001	56025.87	56251.6	-1.59	56024.28	55969.80859	56014.09659	55943.74609	505723.8	5409095.8
L5720.0	505723.8	5409095.8	9031.20020	360.84	0	48.834812	-86.922001	56027.99	56251.6	-1.59	56026.40	55971.80078	56017.38197	55946.57813	505723.8	5409095.8
L5720.0	505723.9	5409094.2	9031.29981	363.86	0	48.834798	-86.922001	56030.44	56251.6	-1.59	56028.85	55974.11719	56029.05034	55957.80078	505723.9	5409094.2
L5720.0	505723.8	5409092.1	9031.40039	363.32	0	48.834779	-86.922002	56032.29	56251.6	-1.59	56030.70	55975.83594	56025.61462	55953.92188	505723.8	5409092.1
L5720.0	505723.8	5409090.7	9031.50000	360.67	0	48.834766	-86.922002	56034.21	56251.6	-1.59	56032.63	55977.62891	56024.28443	55952.15234	505723.8	5409090.7
L5720.0	505723.8	5409090.7	9031.59961	361.08	0	48.834766	-86.922002	56036.02	56251.6	-1.59	56034.43	55979.29688	56019.77103	55947.20313	505723.8	5409090.7
L5720.0	505723.8	5409089.3	9031.70020	362.69	0	48.834753	-86.922002	56038.18	56251.6	-1.59	56036.59	55981.32031	56024.47941	55951.48047	505723.8	5409089.3
L5720.0	505723.8	5409087.7	9031.79981	364.85	0	48.834739	-86.922002	56040.34	56251.6	-1.59	56038.75	55983.33984	56029.32729	55955.90234	505723.8	5409087.7
L5720.0	505723.8	5409087.7	9031.79981	364.85	0	48.834739	-86.922002	56042.51	56251.6	-1.59	56040.92	55985.37109	56034.58434	55960.73438	505723.8	5409087.7
L5720.0	505723.8	5409085.9	9032.00000	361.63	0	48.834723	-86.922002	56044.79	56251.6	-1.59	56043.20	55987.51172	56042.79437	55968.52734	505723.8	5409085.9
L5720.0	505723.8	5409084.4	9032.09961	361.19	0	48.834709	-86.922002	56047.16	56251.6	-1.59	56045.57	55989.74219	56053.46688	55978.78516	505723.8	5409084.4
L5720.0	505723.8	5409083.2	9032.20020	360.36	0	48.834698	-86.922002	56049.16	56251.6	-1.59	56047.57	55991.59766	56054.98816	55979.89453	505723.8	5409083.2
L5720.0	505723.8	5409083.2	9032.29981	360.50	0	48.834698	-86.922002	56050.93	56251.6	-1.59	56049.34	55993.22656	56050.91041	55975.41406	505723.8	5409083.2

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5720.0	505723.8	5409081.5	9032.40039	359.95	0	48.834683	-86.922002	56053.18	56251.6	-1.59	56051.59	55995.32813	56059.19341	55983.29297	505723.8	5409081.5
L5720.0	505723.8	5409079.9	9032.50000	359.99	0	48.834669	-86.922003	56055.01	56251.6	-1.59	56053.42	55997.01172	56057.09848	55980.80469	505723.8	5409079.9
L5720.0	505723.8	5409079.9	9032.59961	358.84	0	48.834669	-86.922003	56057.03	56251.6	-1.59	56055.44	55998.88672	56060.05588	55983.37109	505723.8	5409079.9
L5720.0	505723.8	5409077.8	9032.70020	360.82	0	48.834650	-86.922003	56059.06	56251.6	-1.59	56057.47	56000.76563	56063.52541	55986.45313	505723.8	5409077.8
L5720.0	505723.8	5409076.5	9032.79981	360.83	0	48.834638	-86.922003	56061.02	56251.6	-1.59	56059.43	56002.57422	56065.49382	55988.04297	505723.8	5409076.5
L5720.0	505723.8	5409075.3	9032.90039	361.03	0	48.834628	-86.922003	56063.20	56251.6	-1.59	56061.61	56004.60156	56073.29997	55995.47266	505723.8	5409075.3
L5720.0	505723.8	5409075.3	9033.00000	363.26	0	48.834628	-86.922003	56065.00	56251.6	-1.59	56063.41	56006.25000	56071.78448	55993.58594	505723.8	5409075.3
L5720.0	505723.7	5409073.8	9033.09961	363.96	0	48.834614	-86.922003	56067.00	56251.6	-1.59	56065.41	56008.09375	56075.61527	55997.05078	505723.7	5409073.8
L5720.0	505723.7	5409072.2	9033.20020	362.63	0	48.834600	-86.922003	56069.05	56251.6	-1.59	56067.46	56009.98828	56081.00658	56002.08203	505723.7	5409072.2
L5720.0	505723.7	5409070.9	9033.29981	360.45	0	48.834588	-86.922004	56071.12	56251.6	-1.59	56069.53	56011.90234	56087.20532	56007.92578	505723.7	5409070.9
L5720.0	505723.7	5409070.9	9033.40039	356.90	0	48.834588	-86.922004	56073.02	56251.6	-1.59	56071.43	56013.64063	56089.41321	56009.78516	505723.7	5409070.9
L5720.0	505723.7	5409069.7	9033.50000	358.04	0	48.834577	-86.922004	56074.91	56251.6	-1.59	56073.32	56015.37109	56091.67862	56011.70313	505723.7	5409069.7
L5720.0	505723.7	5409068.1	9033.59961	358.19	0	48.834562	-86.922004	56076.56	56251.6	-1.59	56074.97	56016.85938	56088.19087	56007.87891	505723.7	5409068.1
L5720.0	505723.7	5409066.8	9033.70020	358.69	0	48.834551	-86.922005	56078.31	56251.6	-1.59	56076.72	56018.44531	56087.54715	56006.89844	505723.7	5409066.8
L5720.0	505723.7	5409066.8	9033.79981	361.32	0	48.834551	-86.922005	56080.23	56251.6	-1.59	56078.64	56020.20313	56091.51900	56010.54297	505723.7	5409066.8
L5720.0	505723.6	5409065.0	9033.79981	361.32	0	48.834535	-86.922005	56082.30	56251.6	-1.59	56080.71	56022.10547	56099.60240	56018.30078	505723.6	5409065.0
L5720.0	505723.6	5409063.5	9034.00000	362.26	0	48.834522	-86.922005	56084.20	56251.6	-1.59	56082.61	56023.83594	56103.70940	56022.08984	505723.6	5409063.5
L5720.0	505723.6	5409063.5	9034.09961	365.25	0	48.834522	-86.922005	56086.09	56251.6	-1.59	56084.50	56025.55859	56107.88501	56025.95313	505723.6	5409063.5
L5720.0	505723.5	5409061.4	9034.20020	362.78	0	48.834502	-86.922006	56087.84	56251.6	-1.58	56086.26	56027.14844	56109.09595	56026.85547	505723.5	5409061.4
L5720.0	505723.5	5409059.7	9034.29981	363.33	0	48.834487	-86.922007	56089.50	56251.6	-1.58	56087.92	56028.63672	56108.10018	56025.55859	505723.5	5409059.7
L5720.0	505723.5	5409059.7	9034.40039	365.27	0	48.834487	-86.922007	56091.28	56251.6	-1.58	56089.70	56030.24219	56110.45811	56027.61719	505723.5	5409059.7
L5720.0	505723.4	5409058.1	9034.50000	363.33	0	48.834472	-86.922007	56093.11	56251.6	-1.57	56091.53	56031.89844	56114.39914	56031.26563	505723.4	5409058.1
L5720.0	505723.4	5409056.7	9034.59961	362.32	0	48.834460	-86.922008	56095.07	56251.6	-1.57	56093.50	56033.69141	56122.19680	56038.77734	505723.4	5409056.7
L5720.0	505723.4	5409056.7	9034.70020	362.15	0	48.834460	-86.922008	56096.84	56251.6	-1.57	56095.28	56035.29688	56125.50756	56041.80469	505723.4	5409056.7
L5720.0	505723.4	5409055.0	9034.79981	361.60	0	48.834445	-86.922009	56098.51	56251.6	-1.57	56096.94	56036.77734	56126.09878	56042.12109	505723.4	5409055.0
L5720.0	505723.3	5409053.3	9034.90039	360.92	0	48.834430	-86.922010	56100.28	56251.6	-1.56	56098.72	56038.37891	56130.03483	56045.78516	505723.3	5409053.3
L5720.0	505723.2	5409051.7	9035.00000	361.41	0	48.834415	-86.922010	56101.73	56251.6	-1.56	56100.17	56039.64453	56125.93802	56041.41797	505723.2	5409051.7
L5720.0	505723.2	5409051.7	9035.09961	361.44	0	48.834415	-86.922010	56103.46	56251.6	-1.56	56101.90	56041.19531	56129.22514	56044.44531	505723.2	5409051.7
L5720.0	505723.2	5409050.1	9035.20020	362.08	0	48.834401	-86.922011	56105.18	56251.6	-1.56	56103.61	56042.71875	56132.30980	56047.26953	505723.2	5409050.1
L5720.0	505723.2	5409050.1	9035.29981	361.41	0	48.834401	-86.922011	56106.78	56251.6	-1.57	56105.21	56044.13281	56132.91385	56047.62109	505723.2	5409050.1
L5720.0	505723.1	5409048.4	9035.40039	361.00	0	48.834386	-86.922012	56108.43	56251.6	-1.57	56106.86	56045.59766	56135.07850	56049.53516	505723.1	5409048.4
L5720.0	505723.1	5409046.7	9035.50000	363.77	0	48.834370	-86.922013	56109.88	56251.6	-1.57	56108.31	56046.85938	56132.48083	56046.69531	505723.1	5409046.7
L5720.0	505723.1	5409046.7	9035.59961	362.95	0	48.834370	-86.922013	56111.59	56251.6	-1.57	56110.02	56048.38281	56136.74528	56050.71875	505723.1	5409046.7
L5720.0	505723.0	5409045.1	9035.70020	360.89	0	48.834356	-86.922013	56113.18	56251.6	-1.57	56111.61	56049.78125	56138.26263	56052.00000	505723.0	5409045.1
L5720.0	505723.0	5409043.7	9035.79981	361.51	0	48.834343	-86.922014	56114.86	56251.6	-1.58	56113.28	56051.26172	56142.08489	56055.59375	505723.0	5409043.7
L5720.0	505723.0	5409043.7	9035.79981	361.51	0	48.834343	-86.922014	56116.32	56251.6	-1.58	56114.74	56052.52734	56140.87781	56054.15625	505723.0	5409043.7
L5720.0	505723.0	5409041.6	9036.00000	361.01	0	48.834324	-86.922014	56117.82	56251.6	-1.58	56116.24	56053.83594	56140.95725	56054.01563	505723.0	5409041.6
L5720.0	505722.9	5409040.2	9036.09961	359.77	0	48.834312	-86.922015	56119.23	56251.6	-1.58	56117.65	56055.05078	56139.03343	56051.87109	505722.9	5409040.2
L5720.0	505722.9	5409038.6	9036.20020	359.06	0	48.834297	-86.922015	56120.65	56251.6	-1.58	56119.07	56056.27344	56137.63055	56050.25391	505722.9	5409038.6
L5720.0	505722.9	5409038.6	9036.29981	358.12	0	48.834297	-86.922015	56122.24	56251.6	-1.58	56120.65	56057.65625	56140.53671	56052.94922	505722.9	5409038.6
L5720.0	505722.9	5409036.8	9036.40039	360.54	0	48.834281	-86.922015	56124.12	56251.6	-1.58	56122.54	56059.34766	56151.54010	56063.74609	505722.9	5409036.8
L5720.0	505722.9	5409036.8	9036.50000	362.40	0	48.834281	-86.922015	56125.70	56251.6	-1.58	56124.12	56060.73047	56154.96488	56066.96484	505722.9	5409036.8
L5720.0	505722.9	5409034.9	9036.59961	360.68	0	48.834264	-86.922015	56127.52	56251.6	-1.59	56125.94	56062.35156	56164.71057	56076.51172	505722.9	5409034.9
L5720.0	505722.9	5409033.3	9036.70020	361.05	0	48.834249	-86.922015	56128.74	56251.6	-1.59	56127.15	56063.35938	56159.28755	56070.89063	505722.9	5409033.3
L5720.0	505722.9	5409033.3	9036.79981	361.74	0	48.834249	-86.922015	56130.14	56251.6	-1.59	56128.55	56064.55859	56158.91503	56070.32422	505722.9	5409033.3
L5720.0	505722.9	5409031.6	9036.90039	361.47	0	48.834235	-86.922015	56131.52	56251.6	-1.59	56129.93	56065.73438	56158.28153	56069.50000	505722.9	5409031.6
L5720.0	505722.9	5409029.9	9037.00000	360.58	0	48.834219	-86.922015	56132.96	56251.6	-1.59	56131.37	56066.97266	56159.40629	56070.43750	505722.9	5409029.9
L5720.0	505722.9	5409029.9	9037.09961	362.67	0	48.834219	-86.922015	56134.58	56251.6	-1.59	56132.99	56068.38672	56165.31982	56076.16797	505722.9	5409029.9
L5720.0	505722.9	5409028.1	9037.20020	361.14	0	48.834202	-86.922016	56136.08	56251.6	-1.59	56134.50	56069.69141	56168.68874	56079.35547	505722.9	5409028.1
L5720.0	505722.9	5409028.1	9037.29981	363.95	0	48.834202	-86.922016	56137.46	56251.6	-1.58	56135.87	56070.85938	56168.75210	56079.24219	505722.9	5409028.1
L5720.0	505722.9	5409026.1	9037.40039	363.28	0	48.834185	-86.922016	56139.14	56251.6	-1.58	56137.56	56072.33984	56177.13532	56087.44922	505722.9	5409026.1
L5720.0	505722.9	5409024.7	9037.50000	363.19	0	48.834172	-86.922016	56140.50	56251.6	-1.58	56138.92	56073.49609	56177.40535	56087.54688	505722.9	5409024.7
L5720.0	505722.9	5409023.1	9037.59961	362.42	0	48.834158	-86.922016	56141.56	56251.6	-1.58	56139.98	56074.34766	56170.31833	56080.28906	505722.9	5409023.1
L5720.0	505722.9	5409023.1	9037.70020	363.00	0	48.834158	-86.922016	56143.29	56251.6	-1.58	56141.71	56075.86719	56180.39190	56090.19531	505722.9	5409023.1
L5720.0	505722.8	5409020.9	9037.79981	362.21	0	48.834138	-86.922016	56144.70	56251.6	-1.57	56143.13	56077.07813	56182.85169	56092.48828	505722.8	5409020.9
L5720.0	505722.8	5409020.9	9037.79981	362.21	0	48.834138	-86.922016	56146.04	56251.6	-1.57	56144.47	56078.21094	56183.50987	56092.98438	505722.8	5409020.9
L5720.0	505722.8	5409019.7	9038.00000	356.61	0	48.834127	-86.922016	56147.01	56251.6	-1.57	56145.44	56078.97266	56175.03421	56084.34766	505722.8	5409019.7
L5720.0	505722.8	5409017.7	9038.09961	356.90	0	48.834109	-86.922016	56148.42	56251.6	-1.57	56146.85	56080.17188	56177.89843	56087.05469	505722.8	5409017.7
L5720.0	505722.8	5409017.7	9038.20020	357.33	0	48.834109	-86.922016	56149.63	56251.6	-1.57	56148.06	56081.17188	56175.92327	56084.92188	505722.8	5409017.7
L5720.0	505722.8	5409016.1	9038.29981	356.81	0	48.834095	-86.922016	56151.06	56251.6	-1.58	56149.48	56082.37891	56179.47151	56088.31641	505722.8	5409016.1
L5720.0	505722.8	5409016.1	9038.40039	357.97	0	48.834095	-86.922016	56152.28	56251.6	-1.58	56150.70	56083.38672	56178.17812	56086.86719	505722.8	5409016.1
L5720.0	505722.8	5409014.4	9038.50000	356.85	0	48.834080	-86.922016	56154.08	56251.6	-1.58	56152.50	56084.97656	56191.75902	56100.29688	505722.8	5409014.4
L5720.0	505722.8	5409012.7	9038.59961	357.48	0	48.834064	-86.922016	56155.54	56251.6	-1.58	56153.95	56086.21484	56196.70488	56105.09375	505722.8	5409012.7
L5720.0	505722.8	5409011.4	9038.70020	361.10	0	48.834052	-86.922016	56156.71	56251.6	-1.58	56155.13	56087.18359	56195.03726	56103.27734	505722.8	5409011.4
L5720.0	505722.8	5409011.4	9038.79981	361.66	0	48.834052	-86.922016	56157.86	56251.6	-1.59	56156.27	56088.11328	56192.56957	56100.66406	505722.8	5409011.4
L5720.0	505722.9	5409009.5	9038.90039	360.31	0	48.834036	-86.922016	56159.06	56251.6	-1.59	56157.48	56089.10938	56192.08196	56100.03125	505722.9	5409009.5
L5720.0	505722.9	5409008.1	9039.00000	350.07	0	48.834023	-86.922016	56160.34	56251.6	-1.59	56158.75	56090.16797	56193.32134	56101.12891	505722.9	5409008.1
L5720.0	505722.9	5409008.1	9039.09961	349.00	0	48.834023	-86.922016	56161.84	56251.6	-1.59	56160.25	56091.45703	56200.58477	56108.25000	505722.9	5409008.1
L5720.0	505722.9	5409006.1	9039.20020	359.37	0	48.834005	-86.922016	56163.21	56251.6	-1.59	56161.62	56092.61328	56204.77207	56112.29688	505722.9	5409006.1
L5720.0	505722.9	5409004.5	9039.29981	360.82	0	48.833991	-86.922016	56164.21	56251.6	-1.59	56162.62	56093.40234	56199.81649	56107.19922	505722.9	5409004.5
L5720.0	505722.9	5409004.5	9039.40039	361.55	0	48.833991	-86.922016	56165.62	56251.6	-1.59	56164.03	56094.60156	56205.43499	56112.67969	505722.9	5409004.5
L5720.0	505722.9	5409003.0	9039.50000	361.19	0	48.833977	-86.922016	56166.71	56251.6	-1.59	56165.13	56095.48828	56203.42756	56110.53516	505722.9	5409003.0
L5720.0	505722.9	5409001.3	9039.59961	362.14	0	48.833962	-86.922016	56168.00	56251.6	-1.59	56166.41	56096.55859	56206.18068	56113.15234	505722.9	5409001.3
L5720.0	505722.9	5409001.3	9039.70020	361.48	0	48.833962	-86.922016	56169.04	56251.6	-1.59	56167.45	56097.38672	56203.07792	56109.91406	505722.9	5409001.3
L5720.0	505722.9	5408999.4	9039.79981	360.65	0	48.833945	-86.922016	56170.35	56251.6	-1.59	56168.76	56098.48828	56207.01146	56113.71094	505722.9	5408999.4
L5720.0	505722.9	5408998.0	9039.79981	360.65	0	48.833932	-86.922016	56171.59	56251.6	-1.59	56170.00	56099.51563	56209.38723	56115.95313	505722.9	5408998.0
L5720.0	505722.9	5408998.0	9040.00000	358.75	0	48.833932	-86.922016	56172.86	56251.6	-1.59	56171.27	56100.57813	56212.73355	56119.16797	505722.9	5408998.0
L5720.0	505722.9	5408996.1	9040.09961	358.45	0	48.833915	-86.922016	56174.09	56251.6	-1.59	56172.51	56101.60938	56215.53430	56121.83594	505722.9	5408996.1
L5720.0	505722.9	5408994.3	9040.20020	348.03	0	48.833899	-86.922016	56175.14	56251.6	-1.58	56173.55	56102.43750	56213.49285	56119.66406	505722.9	5408994.3
L5720.0	505722.9	5408994.3	9040.29981	345.56	0	48.833899	-86.922016	56176.42	56251.6	-1.58	56174.84	56103.51953	56217.98495	56124.02344	505722.9	5408994.3
L5720.0	505722.9	5408992.6	9040.40039	357.66	0	48.833883	-86.922016	56177.66	56251.6	-1.58	56176.09	56104.56250	56221.68068	56127.58984	505722.9	5408992.6
L5720.0	505722.9	5408992.6	9040.50000	358.52	0	48.833883	-86.922016	56178.77	56251.6	-1.57	56177.19	56105.45703	56221.80016	56127.58203	505722.9	5408992.6
L5720.0	505722.9	5408990.9	9040.59961	359.12	0	48.833869	-86.922016	56179.66	56251.6	-1.57	56178.09	56106.14844	56217.08026	56122.73438	505722.9	5408990.9
L5720.0	505722.9	5408989.2	9040.70020	359.74	0	48.833852	-86.922016	56181.03	56251.6	-1.57	56179.46	56107.31641	56224.45800	56129.98438	505722.9	5408989.2
L5720.0	505722.9	5408987.3	9040.79981	360.36	0	48.833836	-86.922016	56182.14	56251.6	-1.57	56180.57	56108.21875	56225.48123	56130.87891	505722.9	5408987.3
L5720.0	505722.9	5408987.3	9040.90039	362.63	0	48.833836	-86.922016	56183.25	56251.6	-1.56	56181.69	56109.13672	56226.97581	56132.24609	505722.9	5408987.3
L5720.0	505722.9	5408985.8	9041.00000	362.75	0	48.833822	-86.922016	56184.27	56251.6	-1.56	56182.71	56109.95313	56226.16196	56131.30859	505722.9	5408985.8
L5720.0	505722.9	5408985.8	9041.09961	365.20	0	48.833822	-86.922016	56185.50	56251.6	-1.56	56183.94	56110.98047	56230.87666	56135.89844	505722.9	5408985.8
L5720.0	505722.9	5408983.6	9041.20020	365.02	0	48.833803	-86.922016	56186.66	56251.6	-1.56	56185.10	56111.94141	56234.04290	56138.93750	505722.9	5408983.6
L5720.0	505722.9	5408982.0	9041.29981	364.03	0	48.833788	-86.922016	56187.66	56251.6	-1.56	56186.10	56112.73828	56233.38645	56138.15625	505722.9	5408982.0
L5720.0	505722.9	5408982.0	9041.40039	361.73	0	48.833788	-86.922016	56188.77	56251.6	-1.56	56187.20	56113.64063	56235.48039	56140.12891	505722.9	5408982.0
L5720.0	505722.9	5408980.6	9041.50000	358.95	0	48.833776	-86.922016	56189.77	56251.6	-1.57	56188.20	56114.44141	56235.26991	56139.79688	505722.9	5408980.6
L5720.0	505722.9	5408979.1	9041.59961	359.83	0	48.833762	-86.922016	56190.94	56251.6	-1.57	56189.37	56115.41406	56239.58084	56143.98438	505722.9	5408979.1

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5720.0	505722.9	5408979.1	9041.70020	361.49	0	48.833762	-86.922016	56191.90	56251.6	-1.57	56190.34	56116.19141	56239.06107	56143.34375	505722.9	5408979.1
L5720.0	505722.9	5408977.4	9041.79981	360.97	0	48.833747	-86.922016	56192.97	56251.6	-1.57	56191.40	56117.05469	56241.04197	56145.20313	505722.9	5408977.4
L5720.0	505722.9	5408975.8	9041.79981	360.97	0	48.833732	-86.922016	56193.80	56251.6	-1.57	56192.23	56117.69141	56237.43528	56141.47656	505722.9	5408975.8
L5720.0	505722.9	5408975.8	9042.00000	361.86	0	48.833732	-86.922016	56194.96	56251.6	-1.57	56193.39	56118.66016	56242.39739	56146.32031	505722.9	5408975.8
L5720.0	505722.9	5408974.1	9042.09961	362.65	0	48.833717	-86.922016	56195.96	56251.6	-1.57	56194.39	56119.47266	56243.54274	56147.34766	505722.9	5408974.1
L5720.0	505722.9	5408972.7	9042.20020	365.09	0	48.833705	-86.922016	56196.73	56251.6	-1.57	56195.16	56120.05078	56239.10249	56142.78906	505722.9	5408972.7
L5720.0	505722.9	5408971.1	9042.29981	363.21	0	48.833690	-86.922016	56197.95	56251.6	-1.58	56196.37	56121.07422	56246.01352	56149.58203	505722.9	5408971.1
L5720.0	505722.9	5408971.1	9042.40039	362.55	0	48.833690	-86.922016	56198.71	56251.6	-1.58	56197.14	56121.65625	56242.03176	56145.48438	505722.9	5408971.1
L5720.0	505722.9	5408969.7	9042.50000	364.41	0	48.833677	-86.922016	56199.72	56251.6	-1.58	56198.14	56122.47266	56244.09402	56147.42969	505722.9	5408969.7
L5720.0	505722.9	5408968.0	9042.59961	363.18	0	48.833662	-86.922016	56200.86	56251.6	-1.58	56199.28	56123.42969	56249.92577	56153.14844	505722.9	5408968.0
L5720.0	505722.9	5408968.0	9042.70020	360.92	0	48.833662	-86.922016	56202.22	56251.6	-1.58	56200.64	56124.60938	56261.54973	56164.65625	505722.9	5408968.0
L5720.0	505722.9	5408966.4	9042.79981	361.98	0	48.833648	-86.922016	56203.26	56251.6	-1.59	56201.67	56125.46094	56265.06343	56168.05859	505722.9	5408966.4
L5720.0	505722.9	5408964.8	9042.90039	364.11	0	48.833633	-86.922016	56204.16	56251.6	-1.59	56202.58	56126.19141	56265.77563	56168.65625	505722.9	5408964.8
L5720.0	505722.9	5408964.8	9043.00000	362.88	0	48.833633	-86.922016	56204.71	56251.6	-1.59	56203.12	56126.55469	56257.36719	56160.14063	505722.9	5408964.8
L5720.0	505722.9	5408963.2	9043.09961	360.88	0	48.833619	-86.922016	56205.36	56251.6	-1.59	56203.77	56127.03125	56251.97186	56154.63281	505722.9	5408963.2
L5720.0	505722.9	5408963.2	9043.20020	359.01	0	48.833619	-86.922016	56206.22	56251.6	-1.58	56204.64	56127.72656	56252.37050	56154.92578	505722.9	5408963.2
L5720.0	505722.9	5408960.6	9043.29981	361.89	0	48.833596	-86.922016	56207.22	56251.6	-1.58	56205.64	56128.55469	56256.28832	56158.73438	505722.9	5408960.6
L5720.0	505722.9	5408960.6	9043.40039	362.02	0	48.833596	-86.922016	56208.16	56251.6	-1.58	56206.59	56129.33594	56259.17544	56161.51563	505722.9	5408960.6
L5720.0	505723.0	5408959.5	9043.50000	360.93	0	48.833585	-86.922016	56208.93	56251.6	-1.57	56207.35	56129.92969	56257.49310	56159.72656	505723.0	5408959.5
L5720.0	505723.0	5408957.7	9043.59961	359.88	0	48.833569	-86.922015	56210.18	56251.6	-1.57	56208.60	56131.01172	56268.43043	56170.56250	505723.0	5408957.7
L5720.0	505723.0	5408957.7	9043.70020	361.36	0	48.833569	-86.922015	56211.05	56251.6	-1.57	56209.48	56131.73047	56270.24838	56172.27734	505723.0	5408957.7
L5720.0	505723.0	5408955.6	9043.79981	363.89	0	48.833551	-86.922015	56212.25	56251.6	-1.57	56210.69	56132.77734	56280.64158	56182.56641	505723.0	5408955.6
L5720.0	505723.0	5408954.1	9043.79981	363.89	0	48.833537	-86.922015	56212.55	56251.6	-1.57	56210.98	56132.91016	56268.01245	56169.83594	505723.0	5408954.1
L5720.0	505723.0	5408954.1	9044.00000	361.21	0	48.833537	-86.922015	56213.35	56251.6	-1.56	56211.79	56133.56250	56268.76124	56170.48828	505723.0	5408954.1
L5720.0	505723.0	5408952.5	9044.09961	360.23	0	48.833523	-86.922016	56214.02	56251.6	-1.56	56212.46	56134.07422	56266.20433	56167.83594	505723.0	5408952.5
L5720.0	505723.0	5408950.7	9044.20020	360.34	0	48.833507	-86.922016	56214.93	56251.6	-1.56	56213.37	56134.83203	56269.94716	56171.48438	505723.0	5408950.7
L5720.0	505723.0	5408950.7	9044.29981	363.01	0	48.833507	-86.922016	56215.99	56251.6	-1.57	56214.42	56135.73047	56277.46169	56178.90234	505723.0	5408950.7
L5720.0	505722.9	5408949.1	9044.40039	363.13	0	48.833492	-86.922016	56217.07	56251.6	-1.57	56215.50	56136.66016	56285.96705	56187.31641	505722.9	5408949.1
L5720.0	505722.9	5408947.7	9044.50000	364.45	0	48.833479	-86.922016	56217.93	56251.6	-1.57	56216.36	56137.37500	56289.14338	56190.40234	505722.9	5408947.7
L5720.0	505722.9	5408946.1	9044.59961	365.77	0	48.833465	-86.922016	56218.10	56251.6	-1.57	56216.53	56137.40234	56275.10964	56176.28125	505722.9	5408946.1
L5720.0	505722.9	5408944.7	9044.70020	365.31	0	48.833453	-86.922016	56219.11	56251.6	-1.57	56217.53	56138.25781	56282.28795	56183.37109	505722.9	5408944.7
L5720.0	505722.9	5408943.4	9044.79981	364.30	0	48.833441	-86.922016	56219.70	56251.6	-1.58	56218.12	56138.70703	56279.33307	56180.32813	505722.9	5408943.4
L5720.0	505722.9	5408943.4	9044.90039	366.62	0	48.833441	-86.922016	56220.59	56251.6	-1.58	56219.01	56139.46094	56284.19183	56185.10547	505722.9	5408943.4
L5720.0	505722.9	5408942.0	9045.00000	367.34	0	48.833428	-86.922016	56221.08	56251.6	-1.58	56219.50	56139.81250	56279.16903	56180.00000	505722.9	5408942.0
L5720.0	505722.9	5408940.4	9045.09961	364.87	0	48.833414	-86.922016	56221.66	56251.6	-1.58	56220.08	56140.26172	56276.65022	56177.40234	505722.9	5408940.4
L5720.0	505722.9	5408940.4	9045.20020	366.19	0	48.833414	-86.922016	56222.31	56251.6	-1.57	56220.73	56140.78125	56276.12911	56176.80469	505722.9	5408940.4
L5720.0	505722.9	5408938.9	9045.29981	365.05	0	48.833401	-86.922016	56223.04	56251.6	-1.57	56221.47	56141.39063	56278.11050	56178.70703	505722.9	5408938.9
L5720.0	505723.0	5408937.6	9045.40039	365.42	0	48.833388	-86.922016	56224.09	56251.6	-1.57	56222.53	56142.32422	56288.40750	56188.92969	505723.0	5408937.6
L5720.0	505723.0	5408936.2	9045.50000	364.28	0	48.833376	-86.922016	56224.41	56251.6	-1.57	56222.85	56142.51953	56280.22450	56180.67578	505723.0	5408936.2
L5720.0	505723.0	5408936.2	9045.59961	364.43	0	48.833376	-86.922016	56225.19	56251.6	-1.56	56223.63	56143.17969	56283.89419	56184.27734	505723.0	5408936.2
L5720.0	505723.0	5408934.8	9045.70020	365.44	0	48.833364	-86.922016	56225.59	56251.6	-1.56	56224.03	56143.46094	56278.18201	56178.49609	505723.0	5408934.8
L5720.0	505723.0	5408933.1	9045.79981	366.31	0	48.833349	-86.922015	56226.28	56251.6	-1.56	56224.72	56144.03516	56280.02318	56180.26953	505723.0	5408933.1
L5720.0	505723.0	5408933.1	9045.79981	366.31	0	48.833349	-86.922015	56227.07	56251.6	-1.56	56225.51	56144.71094	56284.61374	56184.79688	505723.0	5408933.1
L5720.0	505723.0	5408931.6	9046.00000	363.47	0	48.833335	-86.922015	56227.74	56251.6	-1.55	56226.19	56145.27734	56286.64412	56186.76953	505723.0	5408931.6
L5720.0	505723.0	5408930.2	9046.09961	365.27	0	48.833323	-86.922015	56228.30	56251.6	-1.55	56226.74	56145.71875	56285.60751	56185.67188	505723.0	5408930.2
L5720.0	505723.1	5408929.3	9046.20020	365.61	0	48.833314	-86.922015	56228.88	56251.6	-1.55	56227.33	56146.20313	56285.79986	56185.80859	505723.1	5408929.3
L5720.0	505723.1	5408927.7	9046.29981	367.28	0	48.833299	-86.922014	56229.12	56251.6	-1.56	56227.56	56146.32813	56277.10860	56177.06250	505723.1	5408927.7
L5720.0	505723.1	5408927.7	9046.40039	364.87	0	48.833299	-86.922014	56229.94	56251.6	-1.56	56228.38	56147.04688	56283.54641	56183.44531	505723.1	5408927.7
L5720.0	505723.1	5408926.0	9046.50000	362.56	0	48.833284	-86.922014	56230.69	56251.6	-1.56	56229.13	56147.69922	56288.42831	56188.27734	505723.1	5408926.0
L5720.0	505723.2	5408924.1	9046.59961	362.45	0	48.833267	-86.922013	56231.14	56251.6	-1.56	56229.58	56148.05469	56285.93879	56185.74219	505723.2	5408924.1
L5720.0	505723.2	5408924.1	9046.70020	361.72	0	48.833267	-86.922013	56231.89	56251.6	-1.56	56230.33	56148.71094	56291.24307	56191.00000	505723.2	5408924.1
L5720.0	505723.2	5408923.0	9046.79981	360.79	0	48.833257	-86.922013	56232.24	56251.6	-1.57	56230.67	56148.95703	56286.39206	56186.10547	505723.2	5408923.0
L5720.0	505723.2	5408921.4	9046.90039	361.86	0	48.833243	-86.922012	56232.86	56251.6	-1.57	56231.29	56149.49219	56288.82587	56188.49609	505723.2	5408921.4
L5720.0	505723.3	5408919.9	9047.00000	362.87	0	48.833230	-86.922012	56233.31	56251.6	-1.57	56231.74	56149.85547	56287.16760	56186.80078	505723.3	5408919.9
L5720.0	505723.3	5408919.9	9047.09961	361.93	0	48.833230	-86.922012	56233.93	56251.6	-1.57	56232.36	56150.39063	56290.00991	56189.60938	505723.3	5408919.9
L5720.0	505723.3	5408918.4	9047.20020	363.85	0	48.833216	-86.922011	56234.40	56251.6	-1.57	56232.83	56150.78125	56289.26194	56188.82422	505723.3	5408918.4
L5720.0	505723.4	5408916.8	9047.29981	362.12	0	48.833202	-86.922011	56235.12	56251.6	-1.57	56233.55	56151.42188	56295.03291	56194.56250	505723.4	5408916.8
L5720.0	505723.4	5408915.4	9047.40039	361.42	0	48.833189	-86.922010	56235.52	56251.6	-1.57	56233.95	56151.75000	56292.91233	56192.41406	505723.4	5408915.4
L5720.0	505723.4	5408915.4	9047.50000	361.92	0	48.833189	-86.922010	56235.70	56251.6	-1.57	56234.14	56151.86719	56285.67870	56185.15625	505723.4	5408915.4
L5720.0	505723.4	5408913.9	9047.59961	360.06	0	48.833175	-86.922010	56236.28	56251.6	-1.56	56234.71	56152.36719	56288.24392	56187.69531	505723.4	5408913.9
L5720.0	505723.5	5408912.1	9047.70020	359.21	0	48.833159	-86.922009	56236.72	56251.6	-1.56	56235.16	56152.75000	56287.96679	56187.39453	505723.5	5408912.1
L5720.0	505723.5	5408910.4	9047.79981	360.61	0	48.833144	-86.922009	56237.38	56251.6	-1.56	56235.82	56153.34375	56293.18682	56192.59375	505723.5	5408910.4
L5720.0	505723.5	5408910.4	9047.79981	360.61	0	48.833144	-86.922009	56237.82	56251.6	-1.56	56236.25	56153.71484	56292.77938	56192.17188	505723.5	5408910.4
L5720.0	505723.5	5408909.0	9048.00000	362.28	0	48.833131	-86.922008	56238.38	56251.6	-1.56	56236.82	56154.22266	56296.09502	56195.47266	505723.5	5408909.0
L5720.0	505723.5	5408909.0	9048.09961	362.83	0	48.833131	-86.922008	56238.68	56251.6	-1.56	56237.12	56154.46875	56292.76736	56192.13281	505723.5	5408909.0
L5720.0	505723.6	5408907.2	9048.20020	362.63	0	48.833115	-86.922008	56239.35	56251.6	-1.56	56237.79	56155.08594	56298.97190	56198.32422	505723.6	5408907.2
L5720.0	505723.6	5408905.6	9048.29981	362.14	0	48.833101	-86.922008	56239.53	56251.6	-1.56	56237.96	56155.20313	56292.71430	56192.05859	505723.6	5408905.6
L5720.0	505723.6	5408904.0	9048.40039	359.44	0	48.833086	-86.922007	56240.04	56251.6	-1.56	56238.47	56155.66797	56295.22560	56194.56250	505723.6	5408904.0
L5720.0	505723.7	5408902.6	9048.50000	359.46	0	48.833074	-86.922007	56240.29	56251.6	-1.57	56238.73	56155.88281	56291.58921	56190.92188	505723.7	5408902.6
L5720.0	505723.7	5408902.6	9048.59961	360.83	0	48.833074	-86.922007	56240.49	56251.6	-1.57	56238.93	56156.03906	56286.60538	56185.93750	505723.7	5408902.6
L5720.0	505723.7	5408900.9	9048.70020	361.21	0	48.833059	-86.922006	56241.13	56251.6	-1.57	56239.57	56156.64063	56292.91051	56192.24609	505723.7	5408900.9
L5720.0	505723.7	5408900.9	9048.79981	359.04	0	48.833059	-86.922006	56241.57	56251.6	-1.57	56240.01	56157.04297	56294.32403	56193.66016	505723.7	5408900.9
L5720.0	505723.7	5408899.1	9048.90039	358.47	0	48.833042	-86.922006	56242.14	56251.6	-1.57	56240.57	56157.56641	56298.93224	56198.27344	505723.7	5408899.1
L5720.0	505723.8	5408897.5	9049.00000	358.68	0	48.833028	-86.922005	56242.25	56251.6	-1.57	56240.68	56157.64453	56292.32399	56191.67188	505723.8	5408897.5
L5720.0	505723.8	5408896.2	9049.09961	356.55	0	48.833016	-86.922005	56242.97	56251.6	-1.57	56241.40	56158.33594	56301.29125	56200.64844	505723.8	5408896.2
L5720.0	505723.8	5408896.2	9049.20020	358.75	0	48.833016	-86.922005	56242.97	56251.6	-1.57	56241.40	56158.31250	56292.21154	56191.58203	505723.8	5408896.2
L5720.0	505723.8	5408894.3	9049.29981	358.30	0	48.832999	-86.922004	56243.62	56251.6	-1.57	56242.05	56158.93750	56299.71302	56199.09375	505723.8	5408894.3
L5720.0	505723.9	5408892.4	9049.40039	358.89	0	48.832982	-86.922004	56243.71	56251.6	-1.57	56242.13	56158.99609	56292.95373	56192.35156	505723.9	5408892.4
L5720.0	505723.9	5408892.4	9049.50000	361.36	0	48.832982	-86.922004	56244.09	56251.6	-1.57	56242.51	56159.35938	56293.92281	56193.33984	505723.9	5408892.4
L5720.0	505723.9	5408891.2	9049.59961	362.53	0	48.832971	-86.922004	56244.38	56251.6	-1.58	56242.80	56159.63281	56292.75905	56192.19531	505723.9	5408891.2
L5720.0	505723.9	5408891.2	9049.70020	362.36	0	48.832971	-86.922004	56244.75	56251.6	-1.58	56243.18	56160.00000	56294.00974	56193.46484	505723.9	5408891.2
L5720.0	505723.9	5408889.8	9049.79981	362.74	0	48.832958	-86.922003	56245.24	56251.6	-1.58	56243.66	56160.47266	56297.92490	56197.40234	505723.9	5408889.8
L5720.0	505724.0	5408888.0	9049.79981	362.74	0	48.832942	-86.922003	56245.42	56251.6	-1.58	56243.84	56160.64453	56294.39055	56193.89453	505724.0	5408888.0
L5720.0	505724.0	5408886.6	9049.90039	365.74	0	48.832930	-86.922002	56246.04	56251.6	-1.58	56244.46	56161.26172	56302.10969	56201.64063	505724.0	5408886.6
L5720.0	505724.0	5408885.3	9050.00000	363.45	0	48.832918	-86.922002	56246.14	56251.6	-1.58	56244.56	56161.35938	56296.81268	56196.37109	505724.0	5408885.3
L5720.0	505724.0	5408885.3	9050.09961	363.86	0	48.832918	-86.922002	56246.45	56251.6	-1.58	56244.87	56161.66797	56296.94974	56196.53906	505724.0	5408885.3
L5720.0	505724.1	5408883.8	9050.20020	364.63	0	48.832905	-86.922002	56246.49	56251.6	-1.58	56244.91	56161.71484	56290.38471	56190.00391	505724.1	5408883.8
L5720.0	505724.1	5408883.8	9050.29981	362.10	0	48.832905	-86.922002	56247.00	56251.6	-1.58	56245.42	56162.23047	56295.82066	56195.47266	505724.1	5408883.8
L5720.0	505724.1	5408880.4	9050.50000	363.21	0	48.832874	-86.922001	56247.19	56251.6	-1.57	56245.61	56162.42969	56293.28527	56192.97266	505724.1	5408880.4
L5720.0	505724.1	5408880.4	9050.59961	363.40	0	48.832874	-86.922001	56247.56	56251.6	-1.57	56245.99	56162.82031	56295.66770	56195.39063	505724.1	5408880.4
L5720.0	505724.1	5408878.5	9050.70020	361.93	0	48.832857	-86.922000	56248.08	56251.6	-1.57	56246.50	56163.34375	56301.44866	56201.21094	505724.1	5408878.5
L5720.0	505724.1	5408878.5	9050.79981	364.80	0	48.832857	-86.922000	56248.28	56251.6	-1.57	56246.71	56163.57031	56299.75602	56199.55469	505724.1	5408878.5
L5720.0	505724.2	5408877.1	9050.90039	365.71	0	48.832844	-86.922000	56248.51	56251.6	-1.57	56246.94	56163.82031	56298.67620	56198.51563	505724.2	5408877.1

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5720.0	505724.2	5408877.1	9051.00000	367.26	0	48.832844	-86.922000	56248.71	56251.6	-1.57	56247.14	56164.04297	56296.94280	56196.82422	505724.2	5408877.1
L5720.0	505724.2	5408875.1	9051.09961	366.02	0	48.832827	-86.922000	56249.02	56251.6	-1.57	56247.45	56164.37891	56298.09226	56198.01563	505724.2	5408875.1
L5720.0	505724.2	5408873.5	9051.20020	364.00	0	48.832812	-86.922000	56249.10	56251.6	-1.57	56247.53	56164.48828	56293.52764	56193.49219	505724.2	5408873.5
L5720.0	505724.2	5408872.0	9051.29981	364.55	0	48.832799	-86.922000	56249.64	56251.6	-1.56	56248.08	56165.06641	56300.94114	56200.94922	505724.2	5408872.0
L5720.0	505724.2	5408872.0	9051.40039	364.84	0	48.832799	-86.922000	56249.86	56251.6	-1.56	56248.30	56165.32031	56300.10801	56200.16406	505724.2	5408872.0
L5720.0	505724.2	5408870.6	9051.50000	363.73	0	48.832786	-86.922000	56250.09	56251.6	-1.56	56248.53	56165.58594	56299.62048	56199.72266	505724.2	5408870.6
L5720.0	505724.2	5408869.2	9051.59961	361.93	0	48.832773	-86.922000	56250.22	56251.6	-1.56	56248.66	56165.75391	56296.69571	56196.84375	505724.2	5408869.2
L5720.0	505724.2	5408867.7	9051.70020	360.67	0	48.832760	-86.922000	56250.36	56251.6	-1.56	56248.80	56165.93359	56294.11208	56194.30859	505724.2	5408867.7
L5720.0	505724.2	5408867.7	9051.79981	358.26	0	48.832760	-86.922000	56250.93	56251.6	-1.55	56249.37	56166.54688	56302.48418	56202.72656	505724.2	5408867.7
L5720.0	505724.2	5408866.2	9051.79981	358.26	0	48.832747	-86.922000	56251.09	56251.6	-1.55	56249.53	56166.75391	56300.57638	56200.86719	505724.2	5408866.2
L5720.0	505724.2	5408864.8	9052.00000	359.79	0	48.832734	-86.922000	56251.50	56251.6	-1.55	56249.95	56167.22266	56305.32288	56205.66406	505724.2	5408864.8
L5720.0	505724.2	5408863.2	9052.09961	358.22	0	48.832719	-86.922000	56251.75	56251.6	-1.55	56250.20	56167.52344	56305.85212	56206.24219	505724.2	5408863.2
L5720.0	505724.2	5408863.2	9052.20020	359.85	0	48.832719	-86.922000	56252.18	56251.6	-1.56	56250.63	56168.00781	56311.00946	56211.44922	505724.2	5408863.2
L5720.0	505724.2	5408860.8	9052.29981	358.39	0	48.832698	-86.922000	56252.09	56251.6	-1.56	56250.53	56167.96094	56302.84557	56203.33594	505724.2	5408860.8
L5720.0	505724.2	5408859.3	9052.40039	357.23	0	48.832685	-86.922000	56252.36	56251.6	-1.56	56250.80	56168.29297	56304.10882	56204.64844	505724.2	5408859.3
L5720.0	505724.2	5408859.3	9052.50000	359.45	0	48.832685	-86.922000	56252.31	56251.6	-1.57	56250.75	56168.30078	56297.35556	56197.94531	505724.2	5408859.3
L5720.0	505724.2	5408857.6	9052.59961	361.89	0	48.832669	-86.921999	56252.57	56251.6	-1.57	56251.01	56168.62500	56298.50917	56199.14844	505724.2	5408857.6
L5720.0	505724.2	5408857.6	9052.70020	363.51	0	48.832669	-86.921999	56252.95	56251.6	-1.57	56251.37	56169.05078	56302.25955	56202.94922	505724.2	5408857.6
L5720.0	505724.3	5408855.8	9052.79981	363.03	0	48.832653	-86.921999	56252.96	56251.6	-1.57	56251.38	56169.12891	56297.22993	56197.96875	505724.3	5408855.8
L5720.0	505724.3	5408854.3	9052.90039	362.21	0	48.832640	-86.921999	56253.15	56251.6	-1.58	56251.57	56169.39063	56296.81601	56197.60547	505724.3	5408854.3
L5720.0	505724.3	5408854.3	9053.00000	362.44	0	48.832640	-86.921999	56253.21	56251.6	-1.58	56251.63	56169.52344	56293.18004	56194.01953	505724.3	5408854.3
L5720.0	505724.3	5408852.3	9053.09961	361.17	0	48.832622	-86.921999	56253.43	56251.6	-1.58	56251.85	56169.82031	56293.65110	56194.53906	505724.3	5408852.3
L5720.0	505724.3	5408850.5	9053.20020	358.07	0	48.832606	-86.921999	56253.46	56251.6	-1.58	56251.88	56169.92578	56289.38039	56190.32031	505724.3	5408850.5
L5720.0	505724.3	5408850.5	9053.29981	359.53	0	48.832606	-86.921999	56254.13	56251.6	-1.58	56252.55	56170.67578	56301.34719	56202.33594	505724.3	5408850.5
L5720.0	505724.3	5408848.9	9053.40039	361.13	0	48.832590	-86.921999	56254.38	56251.6	-1.58	56252.79	56171.00000	56302.50261	56203.53906	505724.3	5408848.9
L5720.0	505724.3	5408848.9	9053.50000	361.26	0	48.832590	-86.921999	56254.61	56251.6	-1.58	56253.02	56171.31641	56303.46203	56204.54297	505724.3	5408848.9
L5720.0	505724.3	5408847.3	9053.59961	360.04	0	48.832576	-86.921999	56254.64	56251.6	-1.59	56253.05	56171.43359	56299.42128	56200.55078	505724.3	5408847.3
L5720.0	505724.3	5408845.9	9053.70020	359.42	0	48.832564	-86.921999	56254.74	56251.6	-1.59	56253.15	56171.62109	56297.20408	56198.37891	505724.3	5408845.9
L5720.0	505724.3	5408844.0	9053.79981	360.55	0	48.832547	-86.921999	56254.84	56251.6	-1.59	56253.25	56171.81250	56295.03970	56196.26172	505724.3	5408844.0
L5720.0	505724.3	5408844.0	9053.79981	360.55	0	48.832547	-86.921999	56254.82	56251.6	-1.59	56253.24	56171.89844	56290.14629	56191.41016	505724.3	5408844.0
L5720.0	505724.3	5408842.6	9054.00000	362.43	0	48.832534	-86.921999	56255.29	56251.6	-1.59	56253.70	56172.45313	56297.18385	56198.49219	505724.3	5408842.6
L5720.0	505724.3	5408841.0	9054.09961	362.55	0	48.832520	-86.921999	56255.47	56251.6	-1.59	56253.89	56172.74219	56297.44543	56198.79688	505724.3	5408841.0
L5720.0	505724.3	5408841.0	9054.20020	363.55	0	48.832520	-86.921999	56255.96	56251.6	-1.59	56254.38	56173.33594	56305.33831	56206.73047	505724.3	5408841.0
L5720.0	505724.3	5408839.4	9054.29981	361.56	0	48.832505	-86.921999	56255.98	56251.6	-1.58	56254.40	56173.45703	56301.39723	56202.83203	505724.3	5408839.4
L5720.0	505724.3	5408838.0	9054.40039	361.23	0	48.832492	-86.921999	56256.30	56251.6	-1.58	56254.72	56173.88281	56305.08510	56206.55859	505724.3	5408838.0
L5720.0	505724.2	5408836.3	9054.50000	362.55	0	48.832477	-86.922000	56256.20	56251.6	-1.58	56254.62	56173.89063	56298.20061	56199.71094	505724.2	5408836.3
L5720.0	505724.2	5408836.3	9054.59961	364.77	0	48.832477	-86.922000	56256.61	56251.6	-1.58	56255.03	56174.41016	56304.25116	56205.79688	505724.2	5408836.3
L5720.0	505724.2	5408834.4	9054.70020	362.86	0	48.832461	-86.922000	56256.82	56251.6	-1.58	56255.25	56174.74219	56305.54101	56207.12109	505724.2	5408834.4
L5720.0	505724.2	5408833.0	9054.79981	365.77	0	48.832448	-86.922001	56256.93	56251.6	-1.57	56255.36	56174.96875	56304.09129	56205.70703	505724.2	5408833.0
L5720.0	505724.2	5408833.0	9054.90039	364.88	0	48.832448	-86.922001	56257.19	56251.6	-1.57	56255.62	56175.34375	56306.47317	56208.12109	505724.2	5408833.0
L5720.0	505724.1	5408831.4	9055.00000	363.25	0	48.832433	-86.922001	56257.36	56251.6	-1.57	56255.79	56175.63281	56306.61880	56208.29688	505724.1	5408831.4
L5720.0	505724.1	5408829.7	9055.09961	363.69	0	48.832418	-86.922002	56257.66	56251.6	-1.57	56256.08	56176.04297	56309.83547	56211.54297	505724.1	5408829.7
L5720.0	505724.1	5408829.7	9055.20020	362.19	0	48.832418	-86.922002	56257.64	56251.6	-1.57	56256.07	56176.15625	56305.50529	56207.24219	505724.1	5408829.7
L5720.0	505724.0	5408828.2	9055.29981	360.20	0	48.832404	-86.922003	56257.75	56251.6	-1.58	56256.17	56176.37891	56303.99115	56205.75391	505724.0	5408828.2
L5720.0	505724.0	5408826.5	9055.40039	362.31	0	48.832390	-86.922003	56257.80	56251.6	-1.58	56256.22	56176.55859	56301.24744	56203.03516	505724.0	5408826.5
L5720.0	505724.0	5408824.9	9055.50000	364.34	0	48.832375	-86.922004	56258.08	56251.6	-1.58	56256.50	56176.96484	56304.35091	56206.16016	505724.0	5408824.9
L5720.0	505724.0	5408824.9	9055.59961	361.40	0	48.832375	-86.922004	56258.16	56251.6	-1.58	56256.58	56177.17578	56302.43089	56204.26172	505724.0	5408824.9
L5720.0	505723.9	5408823.3	9055.70020	360.23	0	48.832361	-86.922004	56258.51	56251.6	-1.58	56256.93	56177.66016	56307.36693	56209.21484	505723.9	5408823.3
L5720.0	505723.9	5408823.3	9055.79981	359.52	0	48.832361	-86.922004	56258.57	56251.6	-1.59	56256.98	56177.84375	56304.74943	56206.61719	505723.9	5408823.3
L5720.0	505723.9	5408821.8	9055.79981	359.52	0	48.832347	-86.922004	56258.62	56251.6	-1.59	56257.03	56178.03125	56302.16067	56204.04297	505723.9	5408821.8
L5720.0	505723.9	5408820.0	9056.00000	358.46	0	48.832331	-86.922005	56258.80	56251.6	-1.59	56257.21	56178.35156	56302.88566	56204.78125	505723.9	5408820.0
L5720.0	505723.9	5408818.4	9056.09961	356.53	0	48.832316	-86.922005	56258.71	56251.6	-1.59	56257.13	56178.41016	56297.06483	56198.97266	505723.9	5408818.4
L5720.0	505723.9	5408818.4	9056.20020	357.47	0	48.832316	-86.922005	56258.82	56251.6	-1.59	56257.24	56178.66406	56296.07217	56197.99219	505723.9	5408818.4
L5720.0	505723.9	5408816.8	9056.29981	359.16	0	48.832302	-86.922005	56258.92	56251.6	-1.58	56257.33	56178.89844	56294.59813	56196.52344	505723.9	5408816.8
L5720.0	505723.9	5408815.2	9056.40039	362.28	0	48.832288	-86.922005	56259.31	56251.6	-1.58	56257.73	56179.44531	56300.98333	56202.91797	505723.9	5408815.2
L5720.0	505723.9	5408813.7	9056.50000	362.21	0	48.832274	-86.922005	56259.31	56251.6	-1.58	56257.73	56179.58984	56297.27922	56199.21484	505723.9	5408813.7
L5720.0	505723.9	5408813.7	9056.59961	360.72	0	48.832274	-86.922005	56259.45	56251.6	-1.58	56257.87	56179.88281	56297.13481	56199.07422	505723.9	5408813.7
L5720.0	505723.9	5408811.9	9056.70020	359.68	0	48.832258	-86.922005	56259.34	56251.6	-1.58	56257.76	56179.92188	56290.69051	56192.62891	505723.9	5408811.9
L5720.0	505723.9	5408811.9	9056.79981	360.84	0	48.832258	-86.922005	56259.59	56251.6	-1.57	56258.01	56180.32813	56293.36478	56195.30469	505723.9	5408811.9
L5720.0	505723.9	5408810.2	9056.90039	360.70	0	48.832243	-86.922005	56259.51	56251.6	-1.57	56257.94	56180.41016	56287.96746	56189.90234	505723.9	5408810.2
L5720.0	505723.9	5408810.2	9057.00000	359.20	0	48.832243	-86.922005	56259.62	56251.6	-1.57	56258.05	56180.67969	56287.13643	56189.06641	505723.9	5408810.2
L5720.0	505723.9	5408808.3	9057.09961	358.69	0	48.832226	-86.922005	56260.15	56251.6	-1.57	56258.58	56181.36719	56296.93731	56198.85938	505723.9	5408808.3
L5720.0	505723.9	5408806.6	9057.20020	359.22	0	48.832211	-86.922004	56260.61	56251.6	-1.57	56259.03	56181.97656	56304.73000	56206.64453	505723.9	5408806.6
L5720.0	505723.9	5408805.5	9057.29981	361.41	0	48.832200	-86.922004	56261.34	56251.6	-1.58	56259.77	56182.87891	56319.86631	56221.76953	505723.9	5408805.5
L5720.0	505724.0	5408803.7	9057.40039	359.90	0	48.832184	-86.922004	56260.94	56251.6	-1.58	56259.36	56182.63281	56305.94482	56207.83594	505724.0	5408803.7
L5720.0	505724.0	5408803.7	9057.50000	361.66	0	48.832184	-86.922004	56261.27	56251.6	-1.58	56259.69	56183.12891	56310.73998	56212.61719	505724.0	5408803.7
L5720.0	505724.0	5408802.1	9057.59961	362.05	0	48.832169	-86.922004	56260.98	56251.6	-1.58	56259.40	56183.00391	56299.87267	56201.73438	505724.0	5408802.1
L5720.0	505724.0	5408802.1	9057.70020	362.13	0	48.832169	-86.922004	56261.30	56251.6	-1.58	56259.72	56183.49219	56304.43390	56206.27734	505724.0	5408802.1
L5720.0	505724.0	5408800.2	9057.79981	363.36	0	48.832152	-86.922004	56261.19	56251.6	-1.59	56259.61	56183.55469	56298.13360	56199.95703	505724.0	5408800.2
L5720.0	505724.0	5408798.8	9057.79981	363.36	0	48.832140	-86.922004	56261.27	56251.6	-1.59	56259.68	56183.79688	56296.39047	56198.19141	505724.0	5408798.8
L5720.0	505724.0	5408797.1	9058.00000	361.95	0	48.832124	-86.922004	56261.53	56251.6	-1.59	56259.94	56184.22656	56299.45644	56201.23438	505724.0	5408797.1
L5720.0	505724.0	5408797.1	9058.09961	362.01	0	48.832124	-86.922004	56261.68	56251.6	-1.59	56260.09	56184.55078	56299.74731	56201.50000	505724.0	5408797.1
L5720.0	505724.0	5408797.1	9058.20020	361.71	0	48.832124	-86.922004	56261.91	56251.6	-1.58	56260.33	56184.96875	56302.31793	56204.04688	505724.0	5408797.1
L5720.0	505724.0	5408794.9	9058.29981	361.97	0	48.832105	-86.922004	56261.86	56251.6	-1.58	56260.28	56185.09766	56297.56197	56199.26563	505724.0	5408794.9
L5720.0	505724.0	5408793.5	9058.40039	362.65	0	48.832093	-86.922004	56262.27	56251.6	-1.58	56260.69	56185.68359	56304.43730	56206.10938	505724.0	5408793.5
L5720.0	505724.0	5408791.9	9058.50000	362.22	0	48.832078	-86.922003	56262.21	56251.6	-1.57	56260.63	56185.80469	56299.43481	56201.07813	505724.0	5408791.9
L5720.0	505724.0	5408791.9	9058.59961	362.90	0	48.832078	-86.922003	56262.47	56251.6	-1.57	56260.90	56186.25781	56302.77641	56204.38672	505724.0	5408791.9
L5720.0	505724.0	5408790.2	9058.70020	364.16	0	48.832063	-86.922003	56262.45	56251.6	-1.57	56260.88	56186.41797	56298.78930	56200.36719	505724.0	5408790.2
L5720.0	505724.0	5408789.0	9058.79981	361.41	0	48.832052	-86.922003	56262.75	56251.6	-1.57	56261.18	56186.90234	56302.89273	56204.43750	505724.0	5408789.0
L5720.0	505724.0	5408789.0	9058.90039	363.75	0	48.832052	-86.922003	56263.08	56251.6	-1.56	56261.52	56187.42969	56308.00858	56209.51953	505724.0	5408789.0
L5720.0	505724.0	5408787.3	9059.00000	363.79	0	48.832037	-86.922003	56263.44	56251.6	-1.56	56261.88	56187.97656	56313.63112	56215.10547	505724.0	5408787.3
L5720.0	505724.0	5408786.0	9059.09961	362.39	0	48.832025	-86.922003	56264.05	56251.6	-1.56	56262.49	56188.77344	56325.57419	56227.01172	505724.0	5408786.0
L5720.0	505724.0	5408786.0	9059.20020	362.32	0	48.832025	-86.922003	56263.98	56251.6	-1.56	56262.42	56188.89063	56320.32925	56221.73047	505724.0	5408786.0
L5720.0	505724.1	5408784.5	9059.29981	362.41	0	48.832012	-86.922003	56264.13	56251.6	-1.55	56262.57	56189.23438	56320.64660	56222.00781	505724.1	5408784.5
L5720.0	505724.1	5408782.8	9059.40039	360.67	0	48.831996	-86.922003	56264.04	56251.6	-1.55	56262.48	56189.33203	56314.89856	56216.22266	505724.1	5408782.8
L5720.0	505724.1	5408781.5	9059.50000	360.86	0	48.831985	-86.922003	56264.28	56251.6	-1.55	56262.73	56189.77734	56317.74668	56219.02734	505724.1	5408781.5
L5720.0	505724.1	5408780.0	9059.59961	361.32	0	48.831971	-86.922003	56264.21	56251.5	-1.55	56262.66	56189.89844	56312.50789	56213.75000	505724.1	5408780.0
L5720.0	505724.1	5408778.5	9059.70020	363.03	0	48.831958	-86.922003	56264.54	56251.5	-1.55	56262.99	56190.42578	56317.38287	56218.58203	505724.1	5408778.5
L5720.0	505724.1	5408778.5	9059.79981	361.82	0	48.831958	-86.922003	56264.57	56251.5	-1.54	56263.02	56190.64844	56314.67766	56215.83984	505724.1	5408778.5
L5720.0	505724.0	5408776.9	9059.79981	361.82	0	48.831943	-86.922003	56265.12	56251.5	-1.54	56263.58	56191.40625	56325.37377	56226.49219	505724.0	5408776.9
L5720.0	505724.0	5408776.9	9060.00000	361.49	0	48.831943	-86.922003	56265.69	56251.5	-1.54	56264.15	56192.17578	56336.32749	56237.40625	505724.0	5408776.9
L5720.0	505724.0	5408775.3	9060.09961	365.02	0	48.831929	-86.922003	56265.10	56251.5	-1.54	56263.56	56191.78125	56317.96455	56219.00000	505724.0	5408775.3
L5720.0	505724.0	5408774.1	9060.20020	362.27	0	48.831918	-86.922004	56264.90	56251.5	-1.54	56263.36	56191.78125	56309.46698	56210.46094	505724.0	5408774.1

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5720.0	505724.0	5408772.7	9060.29981	363.03	0	48.831905	-86.922004	56264.43	56251.5	-1.54	56262.89	56191.51172	56294.15256	56195.10938	505724.0	5408772.7
L5720.0	505724.0	5408771.2	9060.40039	364.16	0	48.831892	-86.922004	56265.13	56251.5	-1.54	56263.58	56192.40234	56308.17022	56209.08594	505724.0	5408771.2
L5720.0	505724.0	5408771.2	9060.50000	363.08	0	48.831892	-86.922004	56264.97	56251.5	-1.54	56263.43	56192.45313	56300.96543	56201.83984	505724.0	5408771.2
L5720.0	505724.0	5408769.2	9060.59961	362.92	0	48.831874	-86.922004	56265.56	56251.5	-1.55	56264.01	56193.23828	56312.22632	56213.05859	505724.0	5408769.2
L5720.0	505724.0	5408769.2	9060.70020	364.02	0	48.831874	-86.922004	56265.24	56251.5	-1.55	56263.70	56193.12891	56301.00426	56201.80078	505724.0	5408769.2
L5720.0	505724.0	5408767.8	9060.79981	365.21	0	48.831861	-86.922004	56265.66	56251.5	-1.55	56264.11	56193.74609	56307.99878	56208.75781	505724.0	5408767.8
L5720.0	505724.0	5408766.1	9060.90039	367.86	0	48.831846	-86.922004	56265.79	56251.5	-1.55	56264.24	56194.07813	56307.93390	56208.65625	505724.0	5408766.1
L5720.0	505724.0	5408764.4	9061.00000	367.59	0	48.831831	-86.922004	56266.13	56251.6	-1.55	56264.58	56194.62500	56313.19803	56213.88281	505724.0	5408764.4
L5720.0	505724.0	5408764.4	9061.09961	367.47	0	48.831831	-86.922004	56266.45	56251.6	-1.55	56264.89	56195.14063	56317.72674	56218.37500	505724.0	5408764.4
L5720.0	505724.0	5408762.7	9061.20020	367.24	0	48.831815	-86.922004	56266.42	56251.6	-1.55	56264.87	56195.32813	56313.93909	56214.55469	505724.0	5408762.7
L5720.0	505724.0	5408761.1	9061.29981	363.37	0	48.831801	-86.922004	56266.58	56251.6	-1.55	56265.03	56195.69531	56314.72946	56215.31641	505724.0	5408761.1
L5720.0	505724.0	5408761.1	9061.40039	364.53	0	48.831801	-86.922004	56266.14	56251.6	-1.55	56264.59	56195.46094	56300.38371	56200.93750	505724.0	5408761.1
L5720.0	505724.0	5408759.4	9061.50000	363.71	0	48.831786	-86.922004	56266.43	56251.6	-1.55	56264.88	56195.96094	56304.52447	56205.05078	505724.0	5408759.4
L5720.0	505724.0	5408758.0	9061.59961	364.16	0	48.831773	-86.922004	56266.61	56251.6	-1.55	56265.06	56196.34766	56305.92120	56206.41797	505724.0	5408758.0
L5720.0	505724.0	5408758.0	9061.70020	361.87	0	48.831773	-86.922004	56267.14	56251.6	-1.55	56265.59	56197.08594	56316.20493	56216.67969	505724.0	5408758.0
L5720.0	505724.0	5408756.3	9061.79981	361.14	0	48.831757	-86.922004	56266.94	56251.6	-1.55	56265.39	56197.09766	56308.07867	56208.53125	505724.0	5408756.3
L5720.0	505724.0	5408754.6	9061.79981	361.14	0	48.831742	-86.922004	56267.26	56251.6	-1.55	56265.71	56197.62500	56313.14335	56213.57422	505724.0	5408754.6
L5720.0	505724.0	5408754.6	9062.00000	360.40	0	48.831742	-86.922004	56267.30	56251.6	-1.55	56265.75	56197.87500	56311.18010	56211.59375	505724.0	5408754.6
L5720.0	505724.0	5408753.1	9062.09961	359.64	0	48.831729	-86.922004	56267.67	56251.5	-1.55	56266.12	56198.45313	56317.61219	56218.00781	505724.0	5408753.1
L5720.0	505724.0	5408751.8	9062.20020	359.01	0	48.831717	-86.922004	56267.70	56251.5	-1.55	56266.15	56198.69531	56315.50716	56215.89063	505724.0	5408751.8
L5720.0	505724.0	5408750.1	9062.29981	359.42	0	48.831702	-86.922004	56267.88	56251.5	-1.55	56266.34	56199.09375	56317.50796	56217.88281	505724.0	5408750.1
L5720.0	505724.0	5408750.1	9062.40039	358.85	0	48.831702	-86.922004	56268.21	56251.5	-1.55	56266.67	56199.63672	56323.11313	56223.48047	505724.0	5408750.1
L5720.0	505724.0	5408748.4	9062.50000	358.88	0	48.831687	-86.922004	56268.28	56251.5	-1.54	56266.73	56199.90625	56321.96288	56222.32422	505724.0	5408748.4
L5720.0	505724.0	5408748.4	9062.59961	358.74	0	48.831687	-86.922004	56268.72	56251.5	-1.54	56267.18	56200.56641	56330.74505	56231.10547	505724.0	5408748.4
L5720.0	505724.0	5408746.8	9062.70020	356.50	0	48.831672	-86.922004	56268.52	56251.5	-1.54	56266.98	56200.57813	56323.17498	56223.53516	505724.0	5408746.8
L5720.0	505724.0	5408745.2	9062.79981	357.53	0	48.831658	-86.922004	56268.44	56251.5	-1.54	56266.90	56200.71094	56318.72136	56219.08984	505724.0	5408745.2
L5720.0	505724.0	5408743.6	9062.90039	358.53	0	48.831644	-86.922004	56268.04	56251.5	-1.54	56266.49	56200.51172	56306.01382	56206.39063	505724.0	5408743.6
L5720.0	505724.0	5408743.6	9063.00000	356.31	0	48.831644	-86.922004	56267.96	56251.5	-1.54	56266.42	56200.64844	56301.99350	56202.38281	505724.0	5408743.6
L5720.0	505724.0	5408742.0	9063.09961	356.98	0	48.831629	-86.922004	56267.93	56251.5	-1.54	56266.39	56200.83203	56299.08201	56199.48438	505724.0	5408742.0
L5720.0	505724.0	5408740.4	9063.20020	358.02	0	48.831615	-86.922004	56268.06	56251.5	-1.54	56266.51	56201.16016	56300.06507	56200.48828	505724.0	5408740.4
L5720.0	505724.0	5408740.4	9063.29981	358.97	0	48.831615	-86.922004	56268.42	56251.5	-1.54	56266.87	56201.73047	56307.22296	56207.67188	505724.0	5408740.4
L5720.0	505724.0	5408738.7	9063.40039	358.24	0	48.831599	-86.922004	56269.16	56251.5	-1.54	56267.61	56202.67969	56324.10000	56224.57813	505724.0	5408738.7
L5720.0	505724.0	5408737.3	9063.50000	357.72	0	48.831587	-86.922004	56269.70	56251.5	-1.54	56268.15	56203.42969	56336.04049	56236.55078	505724.0	5408737.3
L5720.0	505724.0	5408735.6	9063.59961	359.12	0	48.831571	-86.922004	56270.04	56251.5	-1.55	56268.50	56203.99219	56343.30287	56243.84766	505724.0	5408735.6
L5720.0	505724.0	5408735.6	9063.70020	359.57	0	48.831571	-86.922004	56269.75	56251.5	-1.55	56268.20	56203.89844	56334.26505	56234.85156	505724.0	5408735.6
L5720.0	505724.0	5408733.9	9063.79981	360.83	0	48.831557	-86.922004	56269.62	56251.5	-1.55	56268.07	56203.97656	56329.66095	56230.29688	505724.0	5408733.9
L5720.0	505724.0	5408733.9	9063.79981	360.83	0	48.831557	-86.922004	56269.59	56251.5	-1.55	56268.04	56204.15625	56327.72717	56228.41016	505724.0	5408733.9
L5720.0	505724.1	5408732.2	9064.00000	359.26	0	48.831541	-86.922004	56269.57	56251.6	-1.55	56268.02	56204.34375	56326.19491	56226.93359	505724.1	5408732.2
L5720.0	505724.1	5408730.6	9064.09961	361.25	0	48.831526	-86.922004	56269.59	56251.5	-1.55	56268.04	56204.57031	56325.82885	56226.62891	505724.1	5408730.6
L5720.0	505724.1	5408730.6	9064.20020	359.52	0	48.831526	-86.922004	56270.13	56251.5	-1.55	56268.58	56205.32031	56338.76895	56239.63281	505724.1	5408730.6
L5720.0	505724.1	5408728.6	9064.29981	362.91	0	48.831509	-86.922003	56270.16	56251.5	-1.54	56268.62	56205.56641	56339.23825	56240.17188	505724.1	5408728.6
L5720.0	505724.1	5408727.2	9064.40039	364.27	0	48.831496	-86.922003	56270.26	56251.5	-1.54	56268.72	56205.87109	56341.39923	56242.41016	505724.1	5408727.2
L5720.0	505724.1	5408727.2	9064.50000	363.87	0	48.831496	-86.922003	56270.20	56251.5	-1.54	56268.66	56206.01563	56339.69764	56240.78906	505724.1	5408727.2
L5720.0	505724.1	5408725.2	9064.59961	364.63	0	48.831478	-86.922003	56269.96	56251.5	-1.54	56268.43	56205.99219	56333.88779	56235.06250	505724.1	5408725.2
L5720.0	505724.1	5408723.6	9064.70020	365.30	0	48.831463	-86.922003	56270.13	56251.5	-1.54	56268.60	56206.36328	56338.38536	56239.65234	505724.1	5408723.6
L5720.0	505724.1	5408722.2	9064.79981	363.00	0	48.831451	-86.922003	56269.96	56251.5	-1.53	56268.43	56206.39844	56334.49201	56235.85547	505724.1	5408722.2
L5720.0	505724.1	5408722.2	9064.90039	361.64	0	48.831451	-86.922003	56270.13	56251.5	-1.53	56268.60	56206.76953	56339.40431	56240.87109	505724.1	5408722.2
L5720.0	505724.1	5408720.3	9065.00000	361.49	0	48.831434	-86.922003	56270.11	56251.5	-1.53	56268.58	56206.94922	56339.73260	56241.30469	505724.1	5408720.3
L5720.0	505724.1	5408720.3	9065.09961	360.79	0	48.831434	-86.922003	56270.45	56251.5	-1.53	56268.93	56207.50000	56349.64043	56251.32422	505724.1	5408720.3
L5720.0	505724.1	5408718.7	9065.20020	360.68	0	48.831419	-86.922004	56270.16	56251.5	-1.52	56268.64	56207.41016	56343.60499	56245.41016	505724.1	5408718.7
L5720.0	505724.0	5408716.7	9065.29981	364.32	0	48.831401	-86.922004	56270.13	56251.5	-1.52	56268.61	56207.58203	56344.38469	56246.31250	505724.0	5408716.7
L5720.0	505724.0	5408716.7	9065.40039	365.01	0	48.831401	-86.922004	56269.90	56251.5	-1.51	56268.39	56207.55859	56340.61275	56242.67188	505724.0	5408716.7
L5720.0	505724.0	5408715.2	9065.50000	362.69	0	48.831388	-86.922005	56269.76	56251.5	-1.51	56268.25	56207.61719	56339.12272	56241.32031	505724.0	5408715.2
L5720.0	505724.0	5408713.8	9065.59961	362.72	0	48.831375	-86.922005	56269.82	56251.5	-1.51	56268.31	56207.87109	56342.95664	56245.29297	505724.0	5408713.8
L5720.0	505724.0	5408713.8	9065.70020	361.57	0	48.831375	-86.922005	56269.57	56251.5	-1.50	56268.07	56207.82813	56339.48434	56241.96875	505724.0	5408713.8
L5720.0	505724.0	5408711.9	9065.79981	361.23	0	48.831358	-86.922005	56269.92	56251.5	-1.50	56268.42	56208.37109	56351.21225	56253.85156	505724.0	5408711.9
L5720.0	505723.9	5408710.0	9065.79981	361.23	0	48.831342	-86.922006	56269.54	56251.5	-1.50	56268.04	56208.18359	56344.78255	56247.58203	505723.9	5408710.0
L5720.0	505723.9	5408710.0	9066.00000	363.72	0	48.831342	-86.922006	56269.42	56251.5	-1.49	56267.93	56208.26563	56345.48261	56248.44922	505723.9	5408710.0
L5720.0	505723.9	5408708.6	9066.09961	362.77	0	48.831328	-86.922006	56269.11	56251.5	-1.49	56267.61	56208.13672	56341.18848	56244.32422	505723.9	5408708.6
L5720.0	505723.9	5408707.0	9066.20020	364.29	0	48.831314	-86.922007	56269.38	56251.5	-1.50	56267.89	56208.60547	56352.38501	56255.69922	505723.9	5408707.0
L5720.0	505723.9	5408707.0	9066.29981	361.92	0	48.831314	-86.922007	56269.16	56251.5	-1.50	56267.66	56208.56641	56351.02345	56254.52344	505723.9	5408707.0
L5720.0	505723.8	5408705.6	9066.40039	359.39	0	48.831301	-86.922007	56268.70	56251.5	-1.50	56267.20	56208.29297	56344.19163	56247.88281	505723.8	5408705.6
L5720.0	505723.8	5408703.9	9066.50000	358.92	0	48.831286	-86.922007	56268.39	56251.5	-1.50	56266.89	56208.16797	56341.50535	56245.39063	505723.8	5408703.9
L5720.0	505723.8	5408702.3	9066.59961	357.72	0	48.831272	-86.922008	56267.96	56251.5	-1.51	56266.45	56207.91406	56335.89707	56239.98438	505723.8	5408702.3
L5720.0	505723.8	5408702.3	9066.70020	358.63	0	48.831272	-86.922008	56267.73	56251.5	-1.51	56266.22	56207.86719	56335.97177	56240.26563	505723.8	5408702.3
L5720.0	505723.8	5408700.4	9066.79981	360.15	0	48.831255	-86.922008	56267.59	56251.5	-1.51	56266.08	56207.91016	56338.70669	56243.21484	505723.8	5408700.4
L5720.0	505723.7	5408698.8	9066.90039	360.14	0	48.831241	-86.922008	56267.78	56251.5	-1.52	56266.26	56208.26953	56349.92651	56254.65625	505723.7	5408698.8
L5720.0	505723.7	5408698.8	9067.00000	360.96	0	48.831241	-86.922008	56267.58	56251.5	-1.52	56266.06	56208.25000	56351.94748	56256.90234	505723.7	5408698.8
L5720.0	505723.7	5408696.9	9067.09961	361.56	0	48.831223	-86.922009	56267.19	56251.5	-1.52	56265.67	56208.03906	56349.58342	56254.76953	505723.7	5408696.9
L5720.0	505723.7	5408696.9	9067.20020	362.84	0	48.831223	-86.922009	56266.75	56251.5	-1.52	56265.24	56207.78516	56346.63712	56252.05859	505723.7	5408696.9
L5720.0	505723.7	5408695.3	9067.29981	362.03	0	48.831209	-86.922009	56266.69	56251.5	-1.52	56265.17	56207.89063	56353.23100	56258.89453	505723.7	5408695.3
L5720.0	505723.7	5408694.1	9067.40039	361.61	0	48.831198	-86.922010	56266.35	56251.5	-1.52	56264.83	56207.72266	56353.45120	56259.36328	505723.7	5408694.1
L5720.0	505723.7	5408694.1	9067.50000	360.71	0	48.831198	-86.922010	56265.99	56251.5	-1.51	56264.47	56207.53516	56353.62861	56259.79688	505723.7	5408694.1
L5720.0	505723.6	5408692.2	9067.59961	358.46	0	48.831181	-86.922010	56265.79	56251.5	-1.51	56264.27	56207.50781	56358.32470	56264.75000	505723.6	5408692.2
L5720.0	505723.6	5408690.5	9067.70020	359.04	0	48.831166	-86.922011	56265.43	56251.5	-1.51	56263.92	56207.32813	56359.71479	56266.40625	505723.6	5408690.5
L5720.0	505723.6	5408690.5	9067.79981	359.41	0	48.831166	-86.922011	56265.04	56251.5	-1.51	56263.53	56207.10547	56360.59098	56267.55078	505723.6	5408690.5
L5720.0	505723.5	5408688.7	9067.79981	359.41	0	48.831150	-86.922012	56264.74	56251.5	-1.51	56263.23	56206.97266	56364.25098	56271.48828	505723.5	5408688.7
L5720.0	505723.5	5408687.3	9068.00000	358.85	0	48.831137	-86.922013	56264.49	56251.5	-1.51	56262.98	56206.88672	56369.69520	56277.21094	505723.5	5408687.3
L5720.0	505723.4	5408685.7	9068.09961	359.90	0	48.831122	-86.922013	56264.23	56251.5	-1.51	56262.72	56206.79297	56375.41851	56283.22266	505723.4	5408685.7
L5720.0	505723.4	5408685.7	9068.20020	361.50	0	48.831122	-86.922013	56263.82	56251.5	-1.50	56262.32	56206.55469	56378.14625	56286.23828	505723.4	5408685.7
L5720.0	505723.3	5408683.8	9068.29981	363.27	0	48.831105	-86.922014	56262.95	56251.5	-1.50	56261.45	56205.84375	56369.54812	56277.93750	505723.3	5408683.8
L5720.0	505723.3	5408683.8	9068.40039	360.90	0	48.831105	-86.922014	56262.09	56251.5	-1.50	56260.59	56205.14453	56361.76893	56270.45703	505723.3	5408683.8
L5720.0	505723.3	5408682.1	9068.50000	359.59	0	48.831090	-86.922015	56261.48	56251.5	-1.50	56259.98	56204.69141	56360.88666	56269.87891	505723.3	5408682.1
L5720.0	505723.2	5408680.7	9068.59961	360.00	0	48.831078	-86.922016	56261.29	56251.5	-1.49	56259.80	56204.66406	56371.46247	56280.76172	505723.2	5408680.7
L5720.0	505723.2	5408680.7	9068.70020	361.46	0	48.831078	-86.922016	56260.27	56251.5	-1.49	56258.78	56203.80078	56361.40427	56271.01563	505723.2	5408680.7
L5720.0	505723.1	5408679.0	9068.79981	363.38	0	48.831062	-86.922017	56259.69	56251.5	-1.49	56258.20	56203.37109	56363.07869	56273.00781	505723.1	5408679.0
L5720.0	505723.1	5408677.6	9068.90039	362.90	0	48.831049	-86.922018	56258.99	56251.5	-1.48	56257.51	56202.83203	56362.59343	56272.84375	505723.1	5408677.6
L5720.0	505723.1	5408677.6	9069.00000	361.63	0	48.831049	-86.922018	56258.29	56251.5	-1.48	56256.81	56202.28516	56362.48663	56273.06250	505723.1	5408677.6
L5720.0	505723.0	5408676.1	9069.09961	363.61	0	48.831036	-86.922019	56257.77	56251.5	-1.48	56256.29	56201.91016	56367.57119	56278.47266	505723.0	5408676.1
L5720.0	505723.0	5408674.5	9069.20020	366.05	0	48.831022	-86.922019	56256.61	56251.5	-1.48	56255.12	56200.88672	56356.87617	56268.10938	505723.0	5408674.5
L5720.0	505722.9	5408672.9	9069.29981	365.18	0	48.831007	-86.922020	56255.88	56251.5	-1.48	56254.40	56200.31250	56358.21683	56269.78516	505722.9	5408672.9
L5720.0	505722.9	5408672.9	9069.40039	367.15	0	48.831007	-86.922020	56254.97	56251.5	-1.48	56253.49	56199.54297	56355.42437	56267.32813	505722.9	5408672.9
L5720.0	505722.9	5408671.5	9069.50000	366.47	0	48.830994	-86.922021	56254.40	56251.5	-1.49	56252.92	56199.11719	56361.90484	56274.14844	505722.9	5408671.5

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5720.0	505722.8	5408670.0	9069.59961	365.78	0	48.830982	-86.922022	56253.23	56251.5	-1.49	56251.74	56198.07422	56353.65243	56266.23828	505722.8	5408670.0
L5720.0	505722.8	5408667.9	9069.70020	366.42	0	48.830963	-86.922022	56252.40	56251.5	-1.49	56250.91	56197.38281	56354.94189	56267.87109	505722.8	5408667.9
L5720.0	505722.8	5408667.9	9069.79981	367.65	0	48.830963	-86.922022	56251.41	56251.5	-1.49	56249.92	56196.52734	56352.88878	56266.16406	505722.8	5408667.9
L5720.0	505722.7	5408666.4	9069.79981	367.65	0	48.830949	-86.922023	56250.50	56251.5	-1.49	56249.02	56195.76172	56353.81945	56267.44531	505722.7	5408666.4
L5720.0	505722.7	5408664.5	9070.00000	364.21	0	48.830932	-86.922023	56249.43	56251.5	-1.49	56247.94	56194.81641	56350.91512	56264.89063	505722.7	5408664.5
L5720.0	505722.7	5408663.1	9070.09961	364.06	0	48.830919	-86.922023	56248.08	56251.5	-1.49	56246.59	56193.59766	56341.90647	56256.23438	505722.7	5408663.1
L5720.0	505722.7	5408663.1	9070.20020	365.20	0	48.830919	-86.922023	56247.34	56251.5	-1.49	56245.85	56192.98828	56349.04323	56263.72266	505722.7	5408663.1
L5720.0	505722.7	5408661.6	9070.29981	364.40	0	48.830906	-86.922023	56246.16	56251.5	-1.49	56244.67	56191.93359	56345.78792	56260.82031	505722.7	5408661.6
L5720.0	505722.7	5408661.6	9070.40039	364.08	0	48.830906	-86.922023	56245.38	56251.5	-1.49	56243.89	56191.28125	56353.37782	56268.76563	505722.7	5408661.6
L5720.0	505722.7	5408660.2	9070.50000	363.50	0	48.830893	-86.922024	56243.81	56251.5	-1.49	56242.32	56189.83594	56341.73511	56257.47656	505722.7	5408660.2
L5720.0	505722.7	5408658.4	9070.59961	366.98	0	48.830877	-86.922024	56242.84	56251.5	-1.49	56241.35	56188.98828	56345.99850	56262.09375	505722.7	5408658.4
L5720.0	505722.7	5408656.9	9070.70020	364.78	0	48.830863	-86.922023	56241.36	56251.5	-1.49	56239.87	56187.62891	56338.11091	56254.55859	505722.7	5408656.9
L5720.0	505722.7	5408656.9	9070.79981	363.60	0	48.830863	-86.922023	56240.16	56251.5	-1.49	56238.67	56186.54688	56338.04265	56254.84375	505722.7	5408656.9
L5720.0	505722.7	5408655.2	9070.90039	362.70	0	48.830848	-86.922023	56238.79	56251.5	-1.49	56237.30	56185.29688	56334.41846	56251.57422	505722.7	5408655.2
L5720.0	505722.7	5408654.2	9071.00000	362.70	0	48.830839	-86.922023	56237.56	56251.5	-1.49	56236.07	56184.18359	56335.07352	56252.58203	505722.7	5408654.2
L5720.0	505722.7	5408654.2	9071.09961	362.93	0	48.830839	-86.922023	56236.54	56251.5	-1.49	56235.05	56183.27734	56341.77537	56259.63281	505722.7	5408654.2
L5720.0	505722.7	5408652.2	9071.20020	361.24	0	48.830822	-86.922023	56234.81	56251.5	-1.49	56233.31	56181.64844	56331.01263	56249.21875	505722.7	5408652.2
L5720.0	505722.7	5408651.1	9071.29981	360.38	0	48.830812	-86.922023	56233.91	56251.5	-1.49	56232.42	56180.87109	56342.46802	56261.01953	505722.7	5408651.1
L5720.0	505722.7	5408649.5	9071.40039	359.92	0	48.830797	-86.922023	56232.18	56251.5	-1.49	56230.68	56179.23828	56333.16416	56252.06250	505722.7	5408649.5
L5720.0	505722.7	5408649.5	9071.50000	360.88	0	48.830797	-86.922023	56231.06	56251.5	-1.49	56229.56	56178.22656	56340.25403	56259.49219	505722.7	5408649.5
L5720.0	505722.7	5408647.9	9071.59961	361.07	0	48.830783	-86.922023	56229.06	56251.5	-1.50	56227.57	56176.34375	56326.06664	56245.64453	505722.7	5408647.9
L5720.0	505722.7	5408646.3	9071.70020	361.93	0	48.830768	-86.922023	56227.99	56251.5	-1.50	56226.50	56175.37891	56335.84191	56255.75391	505722.7	5408646.3
L5720.0	505722.7	5408646.3	9071.79981	358.94	0	48.830768	-86.922023	56226.25	56251.5	-1.50	56224.76	56173.74219	56329.37900	56249.62109	505722.7	5408646.3
L5720.0	505722.7	5408644.2	9071.79981	358.94	0	48.830749	-86.922024	56224.68	56251.5	-1.50	56223.18	56172.26172	56327.64883	56248.21875	505722.7	5408644.2
L5720.0	505722.7	5408642.7	9072.00000	360.72	0	48.830736	-86.922024	56222.81	56251.5	-1.50	56221.31	56170.49219	56319.26541	56240.16016	505722.7	5408642.7
L5720.0	505722.7	5408642.7	9072.09961	362.03	0	48.830736	-86.922024	56221.18	56251.5	-1.50	56219.68	56168.95703	56317.61412	56238.82813	505722.7	5408642.7
L5720.0	505722.7	5408641.7	9072.20020	361.25	0	48.830727	-86.922024	56219.65	56251.5	-1.50	56218.15	56167.52344	56319.14302	56240.67188	505722.7	5408641.7
L5720.0	505722.6	5408639.9	9072.29981	362.34	0	48.830711	-86.922024	56217.96	56251.5	-1.50	56216.46	56165.92969	56317.26570	56239.10156	505722.6	5408639.9
L5720.0	505722.6	5408638.3	9072.40039	363.41	0	48.830697	-86.922025	56216.34	56251.5	-1.50	56214.84	56164.40234	56317.78092	56239.92188	505722.6	5408638.3
L5720.0	505722.6	5408638.3	9072.50000	365.35	0	48.830697	-86.922025	56214.29	56251.5	-1.50	56212.79	56162.44531	56308.03342	56230.47266	505722.6	5408638.3
L5720.0	505722.6	5408636.7	9072.59961	366.32	0	48.830682	-86.922025	56212.93	56251.5	-1.50	56211.43	56161.17578	56316.31725	56239.04688	505722.6	5408636.7
L5720.0	505722.6	5408635.0	9072.70020	366.10	0	48.830666	-86.922025	56210.77	56251.5	-1.50	56209.27	56159.10156	56304.94977	56227.96484	505722.6	5408635.0
L5720.0	505722.6	5408635.0	9072.79981	367.06	0	48.830666	-86.922025	56209.08	56251.5	-1.50	56207.58	56157.50000	56306.01461	56229.30859	505722.6	5408635.0
L5720.0	505722.6	5408633.3	9072.90039	368.20	0	48.830652	-86.922026	56206.92	56251.5	-1.50	56205.42	56155.42188	56295.72996	56219.29297	505722.6	5408633.3
L5720.0	505722.5	5408631.9	9073.00000	366.82	0	48.830639	-86.922026	56205.29	56251.5	-1.50	56203.79	56153.87891	56299.35233	56223.17969	505722.5	5408631.9
L5720.0	505722.5	5408631.9	9073.09961	365.53	0	48.830639	-86.922026	56203.21	56251.5	-1.50	56201.71	56151.87891	56292.08675	56216.16797	505722.5	5408631.9
L5720.0	505722.5	5408630.6	9073.20020	365.25	0	48.830627	-86.922026	56201.23	56251.5	-1.50	56199.73	56149.98047	56287.81264	56212.14063	505722.5	5408630.6
L5720.0	505722.5	5408628.9	9073.29981	365.92	0	48.830612	-86.922027	56199.41	56251.5	-1.50	56197.91	56148.23828	56288.02223	56212.58984	505722.5	5408628.9
L5720.0	505722.5	5408628.9	9073.40039	366.26	0	48.830612	-86.922027	56196.97	56251.5	-1.50	56195.47	56145.87500	56272.97329	56197.77344	505722.5	5408628.9
L5720.0	505722.5	5408627.4	9073.50000	363.15	0	48.830598	-86.922027	56194.88	56251.5	-1.50	56193.38	56143.85938	56267.15921	56192.17969	505722.5	5408627.4
L5720.0	505722.5	5408627.4	9073.59961	360.81	0	48.830598	-86.922027	56192.54	56251.5	-1.50	56191.04	56141.59375	56255.38604	56180.61719	505722.5	5408627.4
L5720.0	505722.4	5408625.8	9073.70020	362.24	0	48.830584	-86.922027	56190.86	56251.5	-1.50	56189.36	56139.98828	56260.62880	56186.05859	505722.4	5408625.8
L5720.0	505722.4	5408624.8	9073.79981	360.08	0	48.830575	-86.922027	56188.71	56251.5	-1.50	56187.21	56137.91016	56254.29455	56179.91797	505722.4	5408624.8
L5720.0	505722.4	5408624.8	9073.79981	360.08	0	48.830575	-86.922027	56186.72	56251.5	-1.50	56185.22	56135.98828	56252.27893	56178.08203	505722.4	5408624.8
L5720.0	505722.4	5408623.5	9074.00000	357.13	0	48.830563	-86.922027	56184.54	56251.5	-1.50	56183.04	56133.87891	56245.70440	56171.67969	505722.4	5408623.5
L5720.0	505722.4	5408621.4	9074.09961	357.63	0	48.830544	-86.922028	56182.54	56251.5	-1.50	56181.04	56131.94531	56243.89295	56170.02734	505722.4	5408621.4
L5720.0	505722.4	5408620.3	9074.20020	360.64	0	48.830534	-86.922027	56180.37	56251.5	-1.50	56178.87	56129.83984	56237.96575	56164.24609	505722.4	5408620.3
L5720.0	505722.4	5408620.3	9074.29981	361.95	0	48.830534	-86.922027	56178.02	56251.5	-1.49	56176.53	56127.56250	56227.89075	56154.30859	505722.4	5408620.3
L5720.0	505722.4	5408619.0	9074.40039	361.91	0	48.830523	-86.922027	56175.71	56251.5	-1.49	56174.22	56125.31641	56218.69097	56145.23438	505722.4	5408619.0
L5720.0	505722.5	5408617.8	9074.50000	362.93	0	48.830512	-86.922027	56173.47	56251.5	-1.49	56171.98	56123.13672	56211.34451	56138.00000	505722.5	5408617.8
L5720.0	505722.5	5408617.8	9074.59961	363.70	0	48.830512	-86.922027	56171.48	56251.5	-1.49	56170.00	56121.21484	56210.62076	56137.37891	505722.5	5408617.8
L5720.0	505722.5	5408616.0	9074.70020	364.61	0	48.830495	-86.922027	56169.09	56251.5	-1.49	56167.60	56118.87500	56199.29690	56126.14063	505722.5	5408616.0
L5720.0	505722.5	5408614.8	9074.79981	361.18	0	48.830484	-86.922027	56167.21	56251.5	-1.48	56165.72	56117.05078	56201.10023	56128.01953	505722.5	5408614.8
L5720.0	505722.5	5408613.3	9074.90039	361.38	0	48.830472	-86.922027	56164.94	56251.5	-1.48	56163.46	56114.84375	56193.24627	56120.22656	505722.5	5408613.3
L5720.0	505722.5	5408613.3	9075.00000	362.03	0	48.830472	-86.922027	56162.61	56251.5	-1.48	56161.13	56112.57031	56183.53679	56110.56641	505722.5	5408613.3
L5720.0	505722.5	5408612.1	9075.09961	360.85	0	48.830461	-86.922027	56160.00	56251.5	-1.48	56158.53	56110.02344	56166.88166	56093.94531	505722.5	5408612.1
L5720.0	505722.5	5408610.5	9075.20020	358.69	0	48.830447	-86.922027	56157.56	56251.5	-1.48	56156.08	56107.62109	56153.86313	56080.94922	505722.5	5408610.5
L5720.0	505722.5	5408610.5	9075.29981	359.21	0	48.830447	-86.922027	56155.06	56251.5	-1.47	56153.59	56105.18359	56139.64387	56066.73828	505722.5	5408610.5
L5720.0	505722.5	5408609.0	9075.40039	359.63	0	48.830433	-86.922027	56152.55	56251.5	-1.47	56151.07	56102.71094	56124.44226	56051.52734	505722.5	5408609.0
L5720.0	505722.5	5408607.7	9075.50000	361.82	0	48.830421	-86.922027	56150.77	56251.5	-1.47	56149.30	56100.98828	56127.94095	56055.00391	505722.5	5408607.7
L5720.0	505722.5	5408607.7	9075.59961	360.56	0	48.830421	-86.922027	56148.57	56251.5	-1.47	56147.11	56098.84375	56120.53067	56047.55859	505722.5	5408607.7
L5720.0	505722.5	5408606.3	9075.70020	360.26	0	48.830408	-86.922027	56146.70	56251.5	-1.47	56145.24	56097.01953	56120.88347	56047.85938	505722.5	5408606.3
L5720.0	505722.5	5408606.3	9075.79981	360.80	0	48.830408	-86.922027	56144.34	56251.5	-1.46	56142.88	56094.70313	56108.49084	56035.40234	505722.5	5408606.3
L5720.0	505722.5	5408604.9	9075.79981	360.80	0	48.830396	-86.922027	56142.18	56251.5	-1.46	56140.72	56092.58203	56100.76175	56027.58984	505722.5	5408604.9
L5720.0	505722.5	5408603.8	9076.00000	358.95	0	48.830386	-86.922027	56139.59	56251.5	-1.46	56138.13	56090.03516	56081.73868	56008.46875	505722.5	5408603.8
L5720.0	505722.5	5408602.5	9076.09961	360.87	0	48.830375	-86.922027	56137.61	56251.5	-1.46	56136.15	56088.09375	56077.67895	56004.29688	505722.5	5408602.5
L5720.0	505722.5	5408601.6	9076.20020	359.24	0	48.830366	-86.922027	56135.65	56251.5	-1.47	56134.19	56086.17188	56073.63735	56000.12891	505722.5	5408601.6
L5720.0	505722.5	5408601.6	9076.29981	359.25	0	48.830366	-86.922027	56133.65	56251.5	-1.47	56132.18	56084.19922	56067.81395	55994.16406	505722.5	5408601.6
L5720.0	505722.5	5408600.6	9076.40039	358.58	0	48.830357	-86.922027	56131.86	56251.5	-1.47	56130.38	56082.43359	56066.75128	55992.94141	505722.5	5408600.6
L5720.0	505722.4	5408599.4	9076.50000	360.38	0	48.830346	-86.922028	56129.63	56251.5	-1.47	56128.15	56080.23828	56054.24250	55980.25781	505722.4	5408599.4
L5720.0	505722.4	5408599.4	9076.59961	361.69	0	48.830346	-86.922028	56127.78	56251.5	-1.48	56126.30	56078.42188	56050.73475	55976.55859	505722.4	5408599.4
L5720.0	505722.4	5408598.0	9076.70020	363.23	0	48.830333	-86.922028	56125.48	56251.5	-1.48	56124.00	56076.15234	56035.22013	55960.83594	505722.4	5408598.0
L5720.0	505722.4	5408596.7	9076.79981	362.17	0	48.830323	-86.922028	56123.89	56251.5	-1.48	56122.40	56074.58594	56036.74221	55962.13672	505722.4	5408596.7
L5720.0	505722.4	5408595.6	9076.90039	360.43	0	48.830312	-86.922029	56121.84	56251.5	-1.49	56120.35	56072.56250	56026.20615	55951.36328	505722.4	5408595.6
L5720.0	505722.4	5408595.6	9077.00000	360.75	0	48.830312	-86.922029	56120.24	56251.5	-1.49	56118.75	56070.99219	56026.33811	55951.23828	505722.4	5408595.6
L5720.0	505722.3	5408594.5	9077.09961	362.14	0	48.830302	-86.922029	56118.32	56251.5	-1.49	56116.83	56069.10156	56017.65108	55942.27734	505722.3	5408594.5
L5720.0	505722.3	5408594.5	9077.20020	363.67	0	48.830302	-86.922029	56116.77	56251.5	-1.49	56115.28	56067.57422	56017.56514	55941.90234	505722.3	5408594.5
L5720.0	505722.3	5408593.3	9077.29981	363.56	0	48.830292	-86.922030	56115.08	56251.5	-1.49	56113.59	56065.91016	56013.16794	55937.20313	505722.3	5408593.3
L5720.0	505722.2	5408592.3	9077.40039	366.26	0	48.830282	-86.922030	56113.26	56251.5	-1.49	56111.77	56064.11719	56004.69294	55928.41016	505722.2	5408592.3
L5720.0	505722.2	5408592.3	9077.50000	367.56	0	48.830282	-86.922030	56111.77	56251.5	-1.49	56110.28	56062.64844	56003.74999	55927.12891	505722.2	5408592.3
L5720.0	505722.2	5408591.4	9077.59961	368.53	0	48.830274	-86.922031	56109.99	56251.5	-1.49	56108.50	56060.89063	55994.64998	55917.67578	505722.2	5408591.4
L5720.0	505722.2	5408590.4	9077.70020	368.26	0	48.830265	-86.922032	56108.91	56251.5	-1.49	56107.42	56059.83203	56002.40276	55925.05859	505722.2	5408590.4
L5720.0	505722.1	5408589.2	9077.79981	367.63	0	48.830254	-86.922032	56107.09	56251.5	-1.49	56105.60	56058.03125	55990.59395	55912.86719	505722.1	5408589.2
L5720.0	505722.1	5408589.2	9077.79981	367.63	0	48.830254	-86.922032	56106.23	56251.5	-1.49	56104.74	56057.19141	56002.18351	55924.05859	505722.1	5408589.2
L5720.0	505722.1	5408588.2	9078.00000	364.92	0	48.830245	-86.922033	56104.38	56251.5	-1.49	56102.89	56055.35938	55987.86805	55909.32422	505722.1	5408588.2
L5720.0	505722.0	5408587.1	9078.09961	364.36	0	48.830236	-86.922034	56102.99	56251.5	-1.49	56101.50	56053.98438	55984.29084	55905.31250	505722.0	5408587.1
L5720.0	505722.0	5408587.1	9078.20020	363.44	0	48.830236	-86.922034	56101.40	56251.5	-1.49	56099.91	56052.41016	55974.75996	55895.33594	505722.0	5408587.1
L5720.0	505722.0	5408586.1	9078.29981	364.25	0	48.830227	-86.922034	56099.83	56251.5	-1.48	56098.34	56050.85547	55964.82956	55884.94141	505722.0	5408586.1
L5720.0	505721.9	5408585.0	9078.40039	361.09	0	48.830217	-86.922035	56098.56	56251.5	-1.48	56097.08	56049.60938	55961.82469	55881.45703	505721.9	5408585.0
L5720.0	505721.9	5408585.0	9078.50000	360.76	0	48.830217	-86.922035	56097.30	56251.5	-1.48	56095.82	56048.36328	55957.90502	55877.04297	505721.9	5408585.0
L5720.0	505721.9	5408583.9	9078.59961	361.90	0	48.830207	-86.922035	56096.64	56251.5	-1.48	56095.16	56047.71484	55968.23462	55886.86328	505721.9	5408583.9
L5720.0	505721.9	5408583.1	9078.70020	361.00	0	48.830200	-86.922035	56095.07	56251.5	-1.48	56093.60	56046.16797	55954.89516	55872.99609	505721.9	5408583.1
L5720.0	505721.9	5408583.1	9078.79981	361.51	0	48.830200	-86.922035	56094.39	56251.5	-1.47	56092.92	56045.50000	55962.88159	55880.44531	505721.9	5408583.1

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5720.0	505721.9	5408582.3	9078.90039	363.06	0	48.830192	-86.922035	56093.61	56251.5	-1.47	56092.13	56044.71875	55967.17014	55884.18359	505721.9	5408582.3
L5720.0	505721.9	5408581.5	9079.00000	361.00	0	48.830185	-86.922035	56093.18	56251.5	-1.47	56091.71	56044.30859	55979.89710	55896.33984	505721.9	5408581.5
L5720.0	505721.9	5408581.0	9079.09961	361.18	0	48.830180	-86.922035	56091.96	56251.5	-1.47	56090.49	56043.09375	55971.49137	55887.34766	505721.9	5408581.0
L5720.0	505721.9	5408580.1	9079.20020	361.39	0	48.830172	-86.922035	56091.05	56251.5	-1.47	56089.58	56042.19141	55970.01705	55885.27734	505721.9	5408580.1
L5720.0	505721.9	5408580.1	9079.29981	360.41	0	48.830172	-86.922035	56090.06	56251.5	-1.47	56088.59	56041.20703	55965.62251	55880.27344	505721.9	5408580.1
L5720.0	505722.0	5408579.1	9079.40039	357.64	0	48.830164	-86.922034	56089.48	56251.5	-1.47	56088.01	56040.63281	55970.70201	55884.73047	505722.0	5408579.1
L5720.0	505722.0	5408578.4	9079.50000	357.67	0	48.830158	-86.922034	56088.95	56251.5	-1.47	56087.48	56040.10938	55976.16474	55889.55469	505722.0	5408578.4
L5720.0	505722.0	5408578.4	9079.59961	359.75	0	48.830158	-86.922034	56088.32	56251.5	-1.47	56086.85	56039.48438	55978.22944	55890.96875	505722.0	5408578.4
L5720.0	505722.0	5408577.7	9079.70020	360.61	0	48.830151	-86.922033	56087.74	56251.5	-1.47	56086.27	56038.90625	55980.69942	55892.77344	505722.0	5408577.7
L5720.0	505722.1	5408577.1	9079.79981	360.94	0	48.830146	-86.922033	56086.86	56251.5	-1.47	56085.39	56038.03125	55974.74006	55886.14063	505722.1	5408577.1
L5720.0	505722.1	5408577.1	9079.79981	360.94	0	48.830146	-86.922033	56086.30	56251.5	-1.47	56084.83	56037.47266	55976.03747	55886.75391	505722.1	5408577.1
L5720.0	505722.1	5408576.2	9079.90039	359.44	0	48.830138	-86.922032	56085.66	56251.5	-1.47	56084.19	56036.83594	55974.49519	55884.51172	505722.1	5408576.2
L5720.0	505722.2	5408575.4	9080.00000	361.95	0	48.830130	-86.922032	56085.48	56251.5	-1.47	56084.01	56036.65625	55983.77907	55893.08203	505722.2	5408575.4
L5720.0	505722.2	5408574.6	9080.09961	363.13	0	48.830123	-86.922031	56085.23	56251.5	-1.47	56083.76	56036.40625	55990.50836	55899.08594	505722.2	5408574.6
L5720.0	505722.2	5408574.6	9080.20020	361.59	0	48.830123	-86.922031	56084.78	56251.5	-1.47	56083.31	56035.95703	55991.41438	55899.26172	505722.2	5408574.6
L5720.0	505722.2	5408573.9	9080.40039	361.84	0	48.830117	-86.922031	56084.20	56251.5	-1.47	56082.72	56035.36328	55988.03206	55895.13672	505722.2	5408573.9
L5720.0	505722.2	5408573.9	9080.50000	364.83	0	48.830117	-86.922031	56083.79	56251.5	-1.48	56082.31	56034.95313	55988.46936	55894.82031	505722.2	5408573.9
L5720.0	505722.3	5408573.0	9080.59961	363.09	0	48.830108	-86.922030	56084.07	56251.5	-1.48	56082.60	56035.24219	56005.89050	55911.47656	505722.3	5408573.0
L5720.0	505722.3	5408572.5	9080.70020	362.77	0	48.830104	-86.922030	56083.54	56251.5	-1.48	56082.06	56034.69922	56001.64040	55906.45313	505722.3	5408572.5
L5720.0	505722.3	5408572.5	9080.79981	362.20	0	48.830104	-86.922030	56082.86	56251.5	-1.48	56081.38	56034.01563	55993.18176	55897.21094	505722.3	5408572.5
L5720.0	505722.3	5408571.2	9080.90039	363.41	0	48.830092	-86.922030	56082.35	56251.5	-1.48	56080.87	56033.50391	55988.37209	55891.61328	505722.3	5408571.2
L5720.0	505722.3	5408571.2	9081.00000	363.67	0	48.830092	-86.922030	56082.73	56251.5	-1.48	56081.25	56033.87891	56005.43336	55907.87500	505722.3	5408571.2
L5720.0	505722.3	5408570.7	9081.09961	364.90	0	48.830088	-86.922029	56082.73	56251.5	-1.48	56081.24	56033.86719	56012.03187	55913.66406	505722.3	5408570.7
L5720.0	505722.3	5408570.7	9081.20020	364.86	0	48.830088	-86.922029	56082.68	56251.5	-1.48	56081.20	56033.82031	56017.29018	55918.10547	505722.3	5408570.7
L5720.0	505722.4	5408570.0	9081.29981	365.22	0	48.830082	-86.922029	56082.81	56251.5	-1.49	56081.32	56033.93750	56026.03386	55926.03125	505722.4	5408570.0
L5720.0	505722.4	5408569.4	9081.40039	365.19	0	48.830076	-86.922029	56082.61	56251.5	-1.49	56081.12	56033.73047	56026.15238	55925.32031	505722.4	5408569.4
L5720.0	505722.4	5408569.4	9081.50000	363.68	0	48.830076	-86.922029	56082.75	56251.5	-1.49	56081.26	56033.86719	56034.35232	55932.68359	505722.4	5408569.4
L5720.0	505722.4	5408568.7	9081.59961	364.16	0	48.830070	-86.922029	56082.78	56251.5	-1.49	56081.29	56033.89063	56039.28172	55936.76953	505722.4	5408568.7
L5720.0	505722.4	5408568.1	9081.70020	362.52	0	48.830065	-86.922028	56082.88	56251.5	-1.49	56081.39	56033.98438	56045.51378	55942.15625	505722.4	5408568.1
L5720.0	505722.4	5408567.6	9081.79981	362.52	0	48.830060	-86.922028	56082.61	56251.5	-1.50	56081.11	56033.69922	56041.69653	55937.48828	505722.4	5408567.6
L5720.0	505722.4	5408567.6	9081.79981	362.52	0	48.830060	-86.922028	56082.79	56251.5	-1.50	56081.29	56033.87109	56049.08655	55944.02734	505722.4	5408567.6
L5720.0	505722.4	5408567.0	9082.00000	361.51	0	48.830055	-86.922028	56082.53	56251.5	-1.50	56081.03	56033.60547	56044.95651	55939.03516	505722.4	5408567.0
L5720.0	505722.4	5408566.5	9082.09961	362.63	0	48.830050	-86.922028	56082.78	56251.5	-1.50	56081.28	56033.84766	56053.34324	55946.55469	505722.4	5408566.5
L5720.0	505722.4	5408566.0	9082.20020	360.40	0	48.830046	-86.922028	56082.68	56251.5	-1.49	56081.19	56033.75000	56052.78285	55945.12891	505722.4	5408566.0
L5720.0	505722.4	5408566.0	9082.29981	360.03	0	48.830046	-86.922028	56082.56	56251.5	-1.49	56081.07	56033.62109	56051.13369	55942.61328	505722.4	5408566.0
L5720.0	505722.4	5408565.5	9082.40039	358.24	0	48.830041	-86.922028	56082.75	56251.5	-1.48	56081.27	56033.81641	56057.26486	55947.87109	505722.4	5408565.5
L5720.0	505722.4	5408565.5	9082.50000	358.99	0	48.830041	-86.922028	56083.01	56251.5	-1.48	56081.53	56034.06641	56064.62550	55954.35938	505722.4	5408565.5
L5720.0	505722.4	5408565.0	9082.59961	360.04	0	48.830037	-86.922029	56083.39	56251.5	-1.48	56081.91	56034.44141	56074.75327	55963.60938	505722.4	5408565.0
L5720.0	505722.4	5408565.0	9082.70020	360.79	0	48.830037	-86.922029	56083.58	56251.5	-1.47	56082.11	56034.63281	56080.08529	55968.06250	505722.4	5408565.0
L5720.0	505722.4	5408564.5	9082.79981	362.70	0	48.830032	-86.922029	56083.74	56251.5	-1.47	56082.27	56034.78516	56084.18047	55971.28516	505722.4	5408564.5
L5720.1	505722.0	5409643.5	13255.00000	419.86	0	48.839739	-86.922020	56148.65	56250.9	-0.90	56147.75	56056.28125	56494.13836	56194.13672	505722.0	5409643.5
L5720.1	505722.0	5409643.5	13255.09961	419.76	0	48.839739	-86.922020	56148.63	56250.9	-0.90	56147.72	56056.95703	56476.10472	56180.44922	505722.0	5409643.5
L5720.1	505722.0	5409643.6	13255.20020	422.86	0	48.839740	-86.922019	56148.95	56250.9	-0.90	56148.05	56057.99609	56468.21024	56176.89453	505722.0	5409643.6
L5720.1	505722.0	5409643.6	13255.29981	425.19	0	48.839740	-86.922019	56149.18	56250.9	-0.90	56148.28	56058.93359	56457.71616	56170.73438	505722.0	5409643.6
L5720.1	505722.0	5409643.7	13255.40039	424.35	0	48.839740	-86.922019	56148.93	56250.9	-0.90	56148.03	56059.39063	56434.10168	56151.45313	505722.0	5409643.7
L5720.1	505722.0	5409643.8	13255.50000	425.43	0	48.839741	-86.922019	56149.03	56250.9	-0.90	56148.13	56060.19531	56420.40008	56142.08203	505722.0	5409643.8
L5720.1	505722.1	5409643.9	13255.59961	426.16	0	48.839743	-86.922018	56148.76	56250.9	-0.90	56147.86	56060.63281	56396.66087	56122.66406	505722.1	5409643.9
L5720.1	505722.1	5409644.1	13255.70020	423.67	0	48.839745	-86.922018	56148.77	56250.9	-0.90	56147.87	56061.34766	56380.92450	56111.24219	505722.1	5409644.1
L5720.1	505722.1	5409644.1	13255.79981	426.60	0	48.839745	-86.922018	56148.65	56250.9	-0.90	56147.75	56061.92969	56361.83584	56096.45313	505722.1	5409644.1
L5720.1	505722.1	5409644.3	13255.90039	425.58	0	48.839746	-86.922018	56148.72	56250.9	-0.90	56147.82	56062.70703	56348.28275	56087.19141	505722.1	5409644.3
L5720.1	505722.1	5409644.6	13256.00000	424.84	0	48.839749	-86.922018	56148.77	56250.9	-0.90	56147.87	56063.45703	56334.45493	56077.64453	505722.1	5409644.6
L5720.1	505722.1	5409644.8	13256.09961	421.28	0	48.839751	-86.922017	56148.70	56250.9	-0.90	56147.80	56064.08984	56317.59176	56065.04688	505722.1	5409644.8
L5720.1	505722.1	5409644.8	13256.20020	423.22	0	48.839751	-86.922017	56148.83	56250.9	-0.90	56147.93	56064.92188	56306.57890	56058.28125	505722.1	5409644.8
L5720.1	505722.1	5409645.1	13256.20020	423.22	0	48.839753	-86.922017	56148.88	56250.9	-0.90	56147.98	56065.67188	56293.66262	56049.59766	505722.1	5409645.1
L5720.1	505722.1	5409645.4	13256.40039	428.56	0	48.839756	-86.922017	56148.83	56250.9	-0.90	56147.93	56066.32031	56278.29844	56038.44922	505722.1	5409645.4
L5720.1	505722.1	5409645.4	13256.50000	426.63	0	48.839756	-86.922017	56148.80	56250.9	-0.90	56147.90	56066.98828	56263.82347	56028.17188	505722.1	5409645.4
L5720.1	505722.1	5409645.6	13256.59961	430.34	0	48.839758	-86.922017	56148.70	56250.9	-0.90	56147.80	56067.58594	56247.75045	56016.27344	505722.1	5409645.6
L5720.1	505722.1	5409645.9	13256.70020	433.94	0	48.839761	-86.922017	56148.68	56250.9	-0.90	56147.78	56068.26172	56234.24674	56006.92188	505722.1	5409645.9
L5720.1	505722.1	5409645.9	13256.79981	432.61	0	48.839761	-86.922017	56148.80	56250.9	-0.90	56147.90	56069.07422	56224.98308	56001.78906	505722.1	5409645.9
L5720.1	505722.1	5409646.2	13256.90039	429.08	0	48.839763	-86.922018	56148.63	56250.9	-0.90	56147.72	56069.58984	56207.76382	55988.67578	505722.1	5409646.2
L5720.1	505722.1	5409646.5	13257.00000	428.99	0	48.839766	-86.922018	56148.72	56250.9	-0.90	56147.82	56070.37891	56198.67819	55983.67188	505722.1	5409646.5
L5720.1	505722.1	5409646.5	13257.09961	427.96	0	48.839766	-86.922018	56148.98	56250.9	-0.90	56148.08	56071.32813	56194.40278	55983.45313	505722.1	5409646.5
L5720.1	505722.0	5409646.9	13257.20020	429.36	0	48.839770	-86.922019	56148.63	56250.9	-0.90	56147.72	56071.65625	56173.31083	55966.38672	505722.0	5409646.9
L5720.1	505722.0	5409647.3	13257.29981	426.49	0	48.839773	-86.922020	56148.83	56250.9	-0.90	56147.93	56072.55078	56168.40499	55965.47656	505722.0	5409647.3
L5720.1	505722.0	5409647.3	13257.40039	424.12	0	48.839773	-86.922020	56149.16	56250.9	-0.90	56148.26	56073.56641	56167.20808	55968.24609	505722.0	5409647.3
L5720.1	505721.9	5409647.7	13257.50000	425.86	0	48.839777	-86.922021	56149.09	56250.9	-0.90	56148.19	56074.17578	56155.30091	55960.27734	505721.9	5409647.7
L5720.1	505721.8	5409648.0	13257.59961	423.24	0	48.839779	-86.922021	56149.34	56250.9	-0.90	56148.44	56075.10547	56152.65002	55961.53125	505721.8	5409648.0
L5720.1	505721.8	5409648.0	13257.70020	423.71	0	48.839779	-86.922021	56149.62	56250.9	-0.90	56148.72	56076.06250	56151.21276	55963.96484	505721.8	5409648.0
L5720.1	505721.7	5409648.4	13257.79981	424.15	0	48.839783	-86.922022	56149.78	56250.9	-0.90	56148.88	56076.89844	56146.82801	55963.41797	505721.7	5409648.4
L5720.1	505721.7	5409648.9	13257.90039	427.48	0	48.839787	-86.922023	56149.94	56250.9	-0.90	56149.04	56077.73047	56142.82130	55963.21094	505721.7	5409648.9
L5720.1	505721.7	5409648.9	13258.00000	426.70	0	48.839787	-86.922023	56149.70	56250.9	-0.90	56148.80	56078.16406	56128.09721	55952.25391	505721.7	5409648.9
L5720.1	505721.6	5409649.4	13258.09961	426.15	0	48.839792	-86.922025	56149.99	56250.9	-0.90	56149.09	56079.12109	56128.44192	55956.32422	505721.6	5409649.4
L5720.1	505721.5	5409649.9	13258.20020	425.68	0	48.839796	-86.922026	56149.96	56250.9	-0.90	56149.06	56079.75781	56120.27958	55951.85547	505721.5	5409649.9
L5720.1	505721.4	5409650.4	13258.20020	425.68	0	48.839801	-86.922027	56150.06	56250.9	-0.90	56149.16	56080.51953	56116.08405	55951.30859	505721.4	5409650.4
L5720.1	505721.4	5409650.4	13258.40039	422.60	0	48.839801	-86.922027	56149.87	56250.9	-0.90	56148.96	56080.98047	56103.92513	55942.76172	505721.4	5409650.4
L5720.1	505721.4	5409650.9	13258.50000	421.18	0	48.839805	-86.922027	56150.08	56250.9	-0.90	56149.18	56081.85938	56103.76276	55946.17188	505721.4	5409650.9
L5720.1	505721.4	5409651.5	13258.59961	421.99	0	48.839811	-86.922028	56149.99	56250.9	-0.91	56149.09	56082.42578	56095.34617	55941.28516	505721.4	5409651.5
L5720.1	505721.4	5409651.5	13258.70020	422.23	0	48.839811	-86.922028	56150.06	56250.9	-0.91	56149.15	56083.13672	56091.42398	55940.85156	505721.4	5409651.5
L5720.1	505721.3	5409652.2	13258.79981	421.72	0	48.839817	-86.922028	56149.99	56250.9	-0.91	56149.08	56083.71484	56084.22327	55937.09375	505721.3	5409652.2
L5720.1	505721.3	5409652.7	13258.90039	423.62	0	48.839822	-86.922029	56150.08	56250.9	-0.91	56149.17	56084.45313	56081.77727	55938.05078	505721.3	5409652.7
L5720.1	505721.2	5409653.2	13259.00000	423.72	0	48.839827	-86.922029	56149.99	56250.9	-0.91	56149.08	56085.00781	56074.64816	55934.28125	505721.2	5409653.2
L5720.1	505721.2	5409653.2	13259.09961	427.05	0	48.839827	-86.922029	56150.06	56250.9	-0.91	56149.15	56085.71875	56072.25477	55935.20313	505721.2	5409653.2
L5720.1	505721.2	5409654.0	13259.20020	422.72	0	48.839834	-86.922030	56149.96	56250.9	-0.91	56149.06	56086.26563	56065.71298	55931.92969	505721.2	5409654.0
L5720.1	505721.1	5409654.6	13259.29981	420.16	0	48.839839	-86.922031	56150.26	56250.9	-0.91	56149.36	56087.20313	56070.26431	55939.70313	505721.1	5409654.6
L5720.1	505721.1	5409654.6	13259.40039	423.07	0	48.839839	-86.922031	56150.36	56250.9	-0.91	56149.46	56087.93359	56069.53647	55942.15234	505721.1	5409654.6
L5720.1	505721.1	5409655.3	13259.50000	425.13	0	48.839845	-86.922031	56150.17	56250.9	-0.91	56149.27	56088.37500	56061.02239	55936.76953	505721.1	5409655.3
L5720.1	505721.1	5409656.2	13259.59961	425.86	0	48.839853	-86.922032	56150.11	56250.9	-0.90	56149.21	56088.93750	56056.35755	55935.19141	505721.1	5409656.2
L5720.1	505721.1	5409656.2	13259.70020	423.80	0	48.839853	-86.922032	56150.58	56250.9	-0.90	56149.67	56090.01953	56066.34522	55948.21484	505721.1	5409656.2
L5720.1	505721.0	5409657.0	13259.79981	425.63	0	48.839860	-86.922032	56150.34	56250.9	-0.90	56149.44	56090.41016	56057.41872	55942.27734	505721.0	5409657.0
L5720.1	505721.0	5409657.7	13259.90039	426.82	0	48.839867	-86.922033	56150.40	56250.9	-0.90	56149.50	56091.08594	56056.74224	55944.54297	505721.0	5409657.7
L5720.1	505721.0	5409657.7	13260.00000	426.78	0	48.839867	-86.922033	56150.32	56250.9	-0.90	56149.42	56091.62109	56052.37898	55943.07031	505721.0	5409657.7
L5720.1	505721.0	5409658.5	13260.09961	428.43	0	48.839874	-86.922033	56150.57	56250.9	-0.90	56149.67	56092.48047	56057.34999	55950.89063	505721.0	5409658.5
L5720.1	505721.0	5409658.5	13260.20020	427.36	0	48.839874	-86.922033	56150.40	56250.9	-0.90	56149.50	56092.91406	56050.84432	55947.17969	505721.0	5409658.5

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5720.1	505721.0	5409659.5	13260.20020	427.36	0	48.839883	-86.922033	56150.54	56250.9	-0.90	56149.64	56093.65625	56053.09294	55952.17578	505721.0	5409659.5
L5720.1	505721.0	5409660.4	13260.40039	429.16	0	48.839891	-86.922033	56150.54	56250.9	-0.90	56149.64	56094.25781	56051.60414	55953.38672	505721.0	5409660.4
L5720.1	505720.9	5409661.3	13260.50000	427.23	0	48.839899	-86.922033	56150.70	56250.9	-0.90	56149.80	56095.01172	56054.68452	55959.11719	505720.9	5409661.3
L5720.1	505720.9	5409661.3	13260.59961	426.91	0	48.839899	-86.922033	56150.46	56250.9	-0.90	56149.56	56095.36328	56046.79197	55953.82422	505720.9	5409661.3
L5720.1	505720.9	5409662.2	13260.70020	427.87	0	48.839907	-86.922033	56150.79	56250.9	-0.90	56149.89	56096.28125	56054.81305	55964.39844	505720.9	5409662.2
L5720.1	505720.9	5409663.1	13260.79981	427.28	0	48.839915	-86.922033	56150.50	56250.9	-0.90	56149.60	56096.57813	56045.73524	55957.82422	505720.9	5409663.1
L5720.1	505720.9	5409663.1	13260.90039	426.08	0	48.839915	-86.922033	56150.72	56250.9	-0.90	56149.82	56097.37891	56050.88229	55965.42578	505720.9	5409663.1
L5720.1	505720.9	5409664.3	13261.00000	423.87	0	48.839926	-86.922034	56150.85	56250.9	-0.90	56149.95	56098.08594	56053.60333	55970.55078	505720.9	5409664.3
L5720.1	505720.9	5409664.3	13261.09961	418.78	0	48.839926	-86.922034	56150.59	56250.9	-0.90	56149.69	56098.40234	56045.56698	55964.87109	505720.9	5409664.3
L5720.1	505720.9	5409665.3	13261.20020	417.92	0	48.839935	-86.922034	56150.68	56250.9	-0.90	56149.78	56099.06250	56047.28243	55968.89453	505720.9	5409665.3
L5720.1	505720.9	5409666.1	13261.29981	415.90	0	48.839942	-86.922034	56150.85	56250.9	-0.91	56149.94	56099.78906	56050.97338	55974.84375	505720.9	5409666.1
L5720.1	505720.9	5409667.2	13261.40039	415.10	0	48.839952	-86.922034	56150.59	56250.9	-0.91	56149.69	56100.10156	56043.31759	55969.40234	505720.9	5409667.2
L5720.1	505720.9	5409667.2	13261.50000	413.81	0	48.839952	-86.922034	56150.79	56250.9	-0.91	56149.88	56100.85156	56047.87543	55976.12109	505720.9	5409667.2
L5720.1	505720.9	5409668.4	13261.59961	414.82	0	48.839963	-86.922034	56150.91	56250.9	-0.91	56149.99	56101.51563	56050.21599	55980.57813	505720.9	5409668.4
L5720.1	505720.9	5409669.3	13261.70020	412.87	0	48.839971	-86.922034	56150.97	56250.9	-0.91	56150.06	56102.13672	56051.43810	55983.86719	505720.9	5409669.3
L5720.1	505720.9	5409669.3	13261.79981	415.32	0	48.839971	-86.922034	56150.72	56250.9	-0.92	56149.80	56102.42578	56043.48967	55977.94141	505720.9	5409669.3
L5720.1	505720.9	5409670.3	13261.90039	416.31	0	48.839980	-86.922034	56150.74	56250.9	-0.92	56149.82	56102.99219	56043.27694	55979.70313	505720.9	5409670.3
L5720.1	505720.9	5409671.2	13262.00000	418.59	0	48.839988	-86.922034	56150.97	56250.9	-0.92	56150.05	56103.76172	56048.84939	55987.20313	505720.9	5409671.2
L5720.1	505720.9	5409671.2	13262.09961	419.19	0	48.839988	-86.922034	56150.86	56250.9	-0.92	56149.94	56104.19141	56044.94596	55985.17969	505720.9	5409671.2
L5720.1	505720.9	5409672.0	13262.20020	423.07	0	48.839996	-86.922034	56150.82	56250.9	-0.92	56149.90	56104.68359	56042.92784	55985.00000	505720.9	5409672.0
L5720.1	505720.9	5409672.8	13262.20020	423.07	0	48.840003	-86.922034	56151.18	56250.9	-0.92	56150.26	56105.57422	56051.93814	55995.80078	505720.9	5409672.8
L5720.1	505720.9	5409672.8	13262.40039	424.28	0	48.840003	-86.922034	56151.28	56250.9	-0.92	56150.36	56106.19922	56053.66660	55999.27344	505720.9	5409672.8
L5720.1	505720.9	5409673.9	13262.50000	424.27	0	48.840013	-86.922034	56151.05	56250.9	-0.92	56150.13	56106.49219	56046.16475	55993.47266	505720.9	5409673.9
L5720.1	505720.9	5409675.1	13262.59961	422.60	0	48.840023	-86.922033	56151.51	56250.9	-0.91	56150.59	56107.46875	56057.71142	56006.67969	505720.9	5409675.1
L5720.1	505720.9	5409675.1	13262.70020	422.35	0	48.840023	-86.922033	56151.45	56250.9	-0.91	56150.54	56107.93359	56055.02287	56005.60547	505720.9	5409675.1
L5720.1	505720.9	5409676.2	13262.79981	424.33	0	48.840033	-86.922033	56151.31	56250.9	-0.91	56150.39	56108.29297	56049.46283	56001.61719	505720.9	5409676.2
L5720.1	505721.0	5409677.2	13262.90039	427.22	0	48.840042	-86.922033	56151.58	56250.9	-0.91	56150.67	56109.08203	56055.72324	56009.40625	505721.0	5409677.2
L5720.1	505721.0	5409677.2	13263.00000	427.64	0	48.840042	-86.922033	56151.76	56250.9	-0.91	56150.85	56109.76172	56059.10148	56014.27344	505721.0	5409677.2
L5720.1	505721.0	5409678.7	13263.09961	428.11	0	48.840056	-86.922032	56151.89	56250.9	-0.91	56150.98	56110.39453	56060.97944	56017.60156	505721.0	5409678.7
L5720.1	505721.0	5409679.5	13263.20020	426.36	0	48.840063	-86.922032	56151.58	56250.9	-0.91	56150.67	56110.57813	56050.53774	56008.56641	505721.0	5409679.5
L5720.1	505721.0	5409680.7	13263.29981	426.67	0	48.840073	-86.922032	56151.78	56250.9	-0.91	56150.87	56111.26953	56054.11710	56013.51563	505721.0	5409680.7
L5720.1	505721.0	5409681.7	13263.40039	427.97	0	48.840083	-86.922032	56151.94	56250.9	-0.91	56151.03	56111.91797	56056.46203	56017.18750	505721.0	5409681.7
L5720.1	505721.0	5409681.7	13263.50000	427.93	0	48.840083	-86.922032	56152.13	56250.9	-0.91	56151.22	56112.58984	56059.51073	56021.52734	505721.0	5409681.7
L5720.1	505721.1	5409683.2	13263.59961	423.76	0	48.840096	-86.922031	56152.04	56250.9	-0.91	56151.13	56112.98047	56054.66401	56017.93359	505721.1	5409683.2
L5720.1	505721.1	5409684.1	13263.70020	421.21	0	48.840104	-86.922031	56152.14	56250.9	-0.91	56151.23	56113.55859	56054.95331	56019.43750	505721.1	5409684.1
L5720.1	505721.1	5409684.1	13263.79981	418.57	0	48.840104	-86.922031	56152.24	56250.9	-0.91	56151.33	56114.12891	56055.10795	56020.77344	505721.1	5409684.1
L5720.1	505721.1	5409685.3	13263.90039	419.86	0	48.840115	-86.922031	56152.41	56250.9	-0.91	56151.50	56114.76953	56057.06772	56023.87500	505721.1	5409685.3
L5720.1	505721.1	5409686.5	13264.00000	420.02	0	48.840126	-86.922030	56152.50	56250.9	-0.91	56151.59	56115.32422	56056.67192	56024.58984	505721.1	5409686.5
L5720.1	505721.1	5409686.5	13264.09961	421.45	0	48.840126	-86.922030	56152.34	56250.9	-0.91	56151.43	56115.62500	56049.20560	56018.19531	505721.1	5409686.5
L5720.1	505721.2	5409687.8	13264.20020	422.72	0	48.840138	-86.922030	56152.56	56250.9	-0.91	56151.65	56116.30078	56052.13899	56022.17188	505721.2	5409687.8
L5720.1	505721.2	5409689.0	13264.20020	422.72	0	48.840148	-86.922029	56152.77	56250.9	-0.91	56151.86	56116.96484	56054.65696	56025.69922	505721.2	5409689.0
L5720.1	505721.2	5409690.0	13264.40039	423.11	0	48.840157	-86.922029	56152.87	56250.9	-0.91	56151.96	56117.51563	56053.98669	56026.00391	505721.2	5409690.0
L5720.1	505721.2	5409690.0	13264.50000	425.21	0	48.840157	-86.922029	56152.83	56250.9	-0.91	56151.92	56117.91797	56049.29682	56022.25781	505721.2	5409690.0
L5720.1	505721.2	5409691.3	13264.59961	424.43	0	48.840168	-86.922029	56152.95	56250.9	-0.91	56152.04	56118.48047	56048.90754	56022.78125	505721.2	5409691.3
L5720.1	505721.2	5409692.5	13264.70020	423.13	0	48.840180	-86.922029	56153.15	56250.9	-0.91	56152.24	56119.11719	56050.60147	56025.35938	505721.2	5409692.5
L5720.1	505721.2	5409692.5	13264.79981	422.01	0	48.840180	-86.922029	56153.32	56250.9	-0.91	56152.41	56119.72266	56051.32953	56026.94531	505721.2	5409692.5
L5720.1	505721.3	5409693.6	13264.90039	421.89	0	48.840189	-86.922028	56153.38	56250.9	-0.91	56152.47	56120.21094	56048.87479	56025.31641	505721.3	5409693.6
L5720.1	505721.3	5409694.6	13265.00000	419.55	0	48.840199	-86.922028	56153.15	56250.9	-0.91	56152.24	56120.41016	56038.24743	56015.48438	505721.3	5409694.6
L5720.1	505721.3	5409694.6	13265.09961	417.64	0	48.840199	-86.922028	56153.45	56250.9	-0.91	56152.54	56121.13281	56042.18887	56020.19922	505721.3	5409694.6
L5720.1	505721.3	5409695.7	13265.20020	418.83	0	48.840209	-86.922028	56153.75	56250.9	-0.91	56152.85	56121.85938	56046.28106	56025.03906	505721.3	5409695.7
L5720.1	505721.3	5409695.7	13265.29981	417.83	0	48.840209	-86.922028	56153.89	56250.9	-0.91	56152.99	56122.41406	56045.53465	56025.01172	505721.3	5409695.7
L5720.1	505721.3	5409697.2	13265.40039	418.69	0	48.840222	-86.922028	56153.78	56250.9	-0.91	56152.87	56122.70703	56037.45621	56017.62500	505721.3	5409697.2
L5720.1	505721.3	5409698.4	13265.50000	420.42	0	48.840233	-86.922028	56153.83	56250.9	-0.90	56152.93	56123.17188	56034.24989	56015.08984	505721.3	5409698.4
L5720.1	505721.3	5409699.5	13265.59961	422.31	0	48.840242	-86.922027	56154.11	56250.9	-0.90	56153.21	56123.85547	56037.02749	56018.51563	505721.3	5409699.5
L5720.1	505721.3	5409700.8	13265.70020	422.38	0	48.840254	-86.922027	56154.36	56250.9	-0.90	56153.46	56124.50391	56038.85887	56020.96875	505721.3	5409700.8
L5720.1	505721.3	5409700.8	13265.79981	420.85	0	48.840254	-86.922027	56154.39	56250.9	-0.90	56153.49	56124.92969	56034.47779	56017.19141	505721.3	5409700.8
L5720.1	505721.4	5409701.7	13265.90039	424.33	0	48.840262	-86.922027	56154.21	56250.9	-0.90	56153.31	56125.14063	56024.16427	56007.45703	505721.4	5409701.7
L5720.1	505721.4	5409702.8	13266.00000	425.54	0	48.840272	-86.922027	56154.54	56250.9	-0.90	56153.64	56125.85938	56027.88741	56011.73828	505721.4	5409702.8
L5720.1	505721.4	5409702.8	13266.09961	426.12	0	48.840272	-86.922027	56154.85	56250.9	-0.90	56153.95	56126.55078	56030.95244	56015.34375	505721.4	5409702.8
L5720.1	505721.4	5409704.3	13266.20020	427.03	0	48.840286	-86.922027	56154.90	56250.9	-0.90	56154.00	56126.98047	56026.70659	56011.61719	505721.4	5409704.3
L5720.1	505721.4	5409705.5	13266.20020	427.03	0	48.840297	-86.922026	56154.82	56250.9	-0.90	56153.92	56127.27734	56018.75756	56004.17188	505721.4	5409705.5
L5720.1	505721.4	5409706.7	13266.40039	424.84	0	48.840308	-86.922026	56155.06	56250.9	-0.90	56154.16	56127.88672	56019.58694	56005.48047	505721.4	5409706.7
L5720.1	505721.4	5409707.9	13266.50000	424.32	0	48.840318	-86.922026	56155.36	56250.9	-0.90	56154.46	56128.55469	56021.98717	56008.34766	505721.4	5409707.9
L5720.1	505721.4	5409707.9	13266.59961	420.66	0	48.840318	-86.922026	56155.63	56250.9	-0.90	56154.72	56129.17969	56023.18759	56009.99609	505721.4	5409707.9
L5720.1	505721.4	5409709.2	13266.70020	419.81	0	48.840330	-86.922026	56155.73	56250.9	-0.90	56154.83	56129.64844	56020.14016	56007.37891	505721.4	5409709.2
L5720.1	505721.4	5409710.3	13266.79981	420.97	0	48.840340	-86.922026	56155.65	56250.9	-0.90	56154.75	56129.92578	56011.73787	55999.39063	505721.4	5409710.3
L5720.1	505721.4	5409710.3	13266.90039	422.32	0	48.840340	-86.922026	56155.71	56250.9	-0.90	56154.81	56130.33594	56007.13411	55995.18750	505721.4	5409710.3
L5720.1	505721.4	5409711.8	13267.00000	424.20	0	48.840353	-86.922026	56156.13	56250.9	-0.90	56155.23	56131.10547	56012.43173	56000.86719	505721.4	5409711.8
L5720.1	505721.5	5409713.0	13267.09961	423.52	0	48.840364	-86.922025	56156.17	56250.9	-0.90	56155.27	56131.48828	56007.11159	55995.91797	505721.5	5409713.0
L5720.1	505721.5	5409714.4	13267.20020	424.39	0	48.840376	-86.922025	56156.36	56250.9	-0.90	56155.46	56132.01953	56005.87289	55995.03906	505721.5	5409714.4
L5720.1	505721.5	5409714.4	13267.29981	424.97	0	48.840376	-86.922025	56156.69	56250.9	-0.90	56155.79	56132.68359	56008.43987	55997.94531	505721.5	5409714.4
L5720.1	505721.5	5409716.0	13267.40039	425.68	0	48.840391	-86.922025	56156.87	56250.9	-0.90	56155.97	56133.19531	56006.77192	55996.60938	505721.5	5409716.0
L5720.1	505721.5	5409716.0	13267.50000	423.01	0	48.840391	-86.922025	56157.07	56250.9	-0.90	56156.17	56133.72656	56005.58456	55995.73828	505721.5	5409716.0
L5720.1	505721.5	5409717.2	13267.59961	421.15	0	48.840402	-86.922025	56157.10	56250.9	-0.89	56156.20	56134.07813	55999.60995	55990.07031	505721.5	5409717.2
L5720.1	505721.5	5409718.4	13267.70020	422.06	0	48.840413	-86.922025	56157.22	56250.9	-0.89	56156.33	56134.52734	55996.33635	55987.08984	505721.5	5409718.4
L5720.1	505721.5	5409719.5	13267.79981	424.90	0	48.840423	-86.922025	56157.53	56250.9	-0.89	56156.64	56135.15625	55997.98297	55989.01953	505721.5	5409719.5
L5720.1	505721.5	5409719.5	13267.90039	423.75	0	48.840423	-86.922025	56157.70	56250.9	-0.89	56156.81	56135.63672	55995.67638	55986.98438	505721.5	5409719.5
L5720.1	505721.4	5409720.8	13268.00000	424.37	0	48.840434	-86.922025	56157.81	56250.9	-0.89	56156.92	56136.05469	55991.63539	55983.20703	505721.4	5409720.8
L5720.1	505721.4	5409722.3	13268.09961	424.85	0	48.840448	-86.922026	56157.93	56250.9	-0.89	56157.04	56136.47656	55987.80135	55979.62500	505721.4	5409722.3
L5720.1	505721.4	5409722.3	13268.20020	424.84	0	48.840448	-86.922026	56158.31	56250.9	-0.89	56157.41	56137.14844	55990.82967	55982.89844	505721.4	5409722.3
L5720.1	505721.4	5409723.6	13268.20020	424.84	0	48.840459	-86.922026	56158.54	56250.9	-0.89	56157.65	56137.68359	55990.18235	55982.48438	505721.4	5409723.6
L5720.1	505721.4	5409725.1	13268.40039	426.71	0	48.840473	-86.922026	56158.89	56250.9	-0.90	56157.99	56138.31641	55992.23714	55984.76563	505721.4	5409725.1
L5720.1	505721.4	5409726.2	13268.50000	429.20	0	48.840483	-86.922026	56159.13	56250.9	-0.90	56158.23	56138.84375	55991.44725	55984.19141	505721.4	5409726.2
L5720.1	505721.4	5409726.2	13268.59961	427.22	0	48.840483	-86.922026	56159.22	56250.9	-0.90	56158.32	56139.21484	55986.42541	55979.37891	505721.4	5409726.2
L5720.1	505721.4	5409727.6	13268.70020	426.35	0	48.840496	-86.922026	56159.27	56250.9	-0.90	56158.36	56139.53516	55979.94381	55973.09766	505721.4	5409727.6
L5720.1	505721.4	5409728.8	13268.79981	426.92	0	48.840507	-86.922026	56159.55	56250.9	-0.91	56158.64	56140.08984	55980.04340	55973.39063	505721.4	5409728.8
L5720.1	505721.4	5409728.8	13268.90039	426.31	0	48.840507	-86.922026	56160.06	56250.9	-0.91	56159.15	56140.87109	55986.44565	55979.98047	505721.4	5409728.8
L5720.1	505721.4	5409730.2	13269.00000	425.56	0	48.840518	-86.922026	56160.36	56250.9	-0.91	56159.45	56141.43750	55986.94752	55980.66016	505721.4	5409730.2
L5720.1	505721.4	5409731.1	13269.09961	422.26	0	48.840527	-86.922026	56160.36	56250.9	-0.91	56159.45	56141.69922	55979.05170	55972.93750	505721.4	5409731.1
L5720.1	505721.4	5409732.5	13269.20020	420.31	0	48.840539	-86.922025	56160.31	56250.9	-0.92	56159.40	56141.91016	55969.68931	55963.74219	505721.4	5409732.5
L5720.1	505721.4	5409732.5	13269.29981	417.40	0	48.840539	-86.922025	56160.66	56250.9	-0.92	56159.74	56142.50391	55971.06026	55965.27344	505721.4	5409732.5
L5720.1	505721.4	5409734.2	13269.40039	419.22	0	48.840555	-86.922025	56161.11	56250.9	-0.92	56160.19	56143.20703	55975.39796	55969.76563	505721.4	5409734.2
L5720.1	505721.4	5409735.7	13269.50000	421.70	0	48.840568	-86.922025	56161.50	56250.9	-0.93	56160.58	56143.84375	55977.98614	55972.50391	505721.4	5409735.7

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5720.1	505721.5	5409736.7	13269.59961	421.99	0	48.840577	-86.922025	56161.57	56250.9	-0.93	56160.64	56144.14453	55971.33530	55965.99609	505721.5	5409736.7
L5720.1	505721.5	5409736.7	13269.70020	422.94	0	48.840577	-86.922025	56161.84	56250.9	-0.93	56160.90	56144.64453	55970.14074	55964.94141	505721.5	5409736.7
L5720.1	505721.5	5409738.1	13269.79981	423.09	0	48.840590	-86.922025	56162.05	56250.9	-0.93	56161.12	56145.09766	55967.74475	55962.67969	505721.5	5409738.1
L5720.1	505721.5	5409739.6	13269.90039	423.98	0	48.840603	-86.922025	56162.51	56250.9	-0.94	56161.57	56145.78125	55971.63239	55966.69531	505721.5	5409739.6
L5720.1	505721.5	5409739.6	13270.00000	423.71	0	48.840603	-86.922025	56162.68	56250.9	-0.94	56161.74	56146.17578	55967.65841	55962.84766	505721.5	5409739.6
L5720.1	505721.5	5409741.1	13270.09961	426.50	0	48.840617	-86.922025	56163.04	56250.9	-0.94	56162.10	56146.75781	55968.85399	55964.16406	505721.5	5409741.1
L5720.1	505721.5	5409742.7	13270.20020	428.19	0	48.840632	-86.922025	56163.22	56250.9	-0.94	56162.28	56147.15625	55964.95616	55960.38672	505721.5	5409742.7
L5720.1	505721.5	5409742.7	13270.20020	428.19	0	48.840632	-86.922025	56163.60	56250.9	-0.94	56162.66	56147.75000	55966.50023	55962.04297	505721.5	5409742.7
L5720.1	505721.5	5409743.9	13270.40039	428.08	0	48.840642	-86.922025	56164.07	56250.9	-0.94	56163.13	56148.43359	55970.43325	55966.08203	505721.5	5409743.9
L5720.1	505721.5	5409743.9	13270.50000	425.88	0	48.840642	-86.922025	56164.36	56250.9	-0.94	56163.42	56148.92969	55969.26530	55965.01953	505721.5	5409743.9
L5720.1	505721.5	5409745.4	13270.59961	425.47	0	48.840655	-86.922024	56164.76	56250.9	-0.94	56163.82	56149.53125	55971.03585	55966.89453	505721.5	5409745.4
L5720.1	505721.5	5409747.0	13270.70020	423.26	0	48.840670	-86.922024	56164.94	56250.9	-0.94	56164.00	56149.91016	55966.59113	55962.55078	505721.5	5409747.0
L5720.1	505721.5	5409747.9	13270.79981	425.70	0	48.840678	-86.922024	56165.14	56250.9	-0.94	56164.20	56150.30469	55962.58409	55958.64063	505721.5	5409747.9
L5720.1	505721.5	5409749.0	13270.90039	427.41	0	48.840688	-86.922024	56165.59	56250.9	-0.94	56164.65	56150.94531	55965.39039	55961.53516	505721.5	5409749.0
L5720.1	505721.5	5409750.2	13271.00000	424.22	0	48.840699	-86.922024	56165.95	56250.9	-0.94	56165.01	56151.49219	55965.57901	55961.81641	505721.5	5409750.2
L5720.1	505721.5	5409750.2	13271.09961	424.70	0	48.840699	-86.922024	56166.38	56250.9	-0.94	56165.44	56152.10547	55967.58451	55963.90625	505721.5	5409750.2
L5720.1	505721.6	5409751.8	13271.20020	422.97	0	48.840713	-86.922023	56166.57	56250.9	-0.94	56165.63	56152.47656	55962.80787	55959.21875	505721.6	5409751.8
L5720.1	505721.6	5409751.8	13271.29981	422.87	0	48.840713	-86.922023	56166.94	56250.9	-0.94	56166.00	56153.01953	55962.89385	55959.38672	505721.6	5409751.8
L5720.1	505721.6	5409753.5	13271.40039	425.63	0	48.840728	-86.922023	56167.34	56250.9	-0.94	56166.40	56153.59375	55963.68051	55960.25000	505721.6	5409753.5
L5720.1	505721.6	5409754.9	13271.50000	427.51	0	48.840741	-86.922023	56167.88	56250.9	-0.94	56166.93	56154.28906	55967.93874	55964.58203	505721.6	5409754.9
L5720.1	505721.6	5409754.9	13271.59961	427.65	0	48.840741	-86.922023	56168.10	56250.9	-0.95	56167.15	56154.67578	55963.46475	55960.18359	505721.6	5409754.9
L5720.1	505721.6	5409756.3	13271.70020	428.41	0	48.840754	-86.922023	56168.35	56250.9	-0.95	56167.40	56155.08594	55959.68500	55956.47656	505721.6	5409756.3
L5720.1	505721.6	5409757.5	13271.79981	429.12	0	48.840765	-86.922023	56168.76	56250.9	-0.95	56167.81	56155.65234	55960.20254	55957.06641	505721.6	5409757.5
L5720.1	505721.6	5409758.8	13271.90039	429.07	0	48.840776	-86.922023	56169.12	56250.9	-0.95	56168.17	56156.16406	55959.19188	55956.12109	505721.6	5409758.8
L5720.1	505721.6	5409760.4	13272.00000	429.57	0	48.840790	-86.922023	56169.43	56250.9	-0.95	56168.48	56156.62500	55956.65117	55953.64453	505721.6	5409760.4
L5720.1	505721.6	5409761.6	13272.09961	426.27	0	48.840801	-86.922023	56169.70	56251	-0.95	56168.75	56157.03906	55952.85589	55949.91016	505721.6	5409761.6
L5720.1	505721.6	5409761.6	13272.20020	426.66	0	48.840801	-86.922023	56170.18	56251	-0.95	56169.23	56157.66016	55954.73707	55951.85547	505721.6	5409761.6
L5720.1	505721.6	5409763.2	13272.20020	426.66	0	48.840815	-86.922023	56170.60	56251	-0.95	56169.65	56158.21875	55954.80564	55951.98047	505721.6	5409763.2
L5720.1	505721.6	5409763.2	13272.40039	426.07	0	48.840815	-86.922023	56171.08	56251	-0.96	56170.12	56158.82422	55956.11039	55953.33984	505721.6	5409763.2
L5720.1	505721.6	5409764.6	13272.50000	425.25	0	48.840829	-86.922023	56171.36	56251	-0.96	56170.40	56159.23438	55951.99430	55949.27734	505721.6	5409764.6
L5720.1	505721.6	5409765.7	13272.59961	423.21	0	48.840838	-86.922023	56171.72	56251	-0.96	56170.76	56159.72266	55949.94322	55947.28125	505721.6	5409765.7
L5720.1	505721.6	5409767.1	13272.70020	421.80	0	48.840851	-86.922023	56172.13	56251	-0.96	56171.16	56160.24609	55948.84644	55946.23438	505721.6	5409767.1
L5720.1	505721.6	5409768.5	13272.79981	422.42	0	48.840864	-86.922022	56172.52	56251	-0.97	56171.55	56160.75781	55947.31595	55944.75391	505721.6	5409768.5
L5720.1	505721.6	5409768.5	13272.90039	424.62	0	48.840864	-86.922022	56173.09	56251	-0.97	56172.12	56161.44531	55950.61923	55948.10156	505721.6	5409768.5
L5720.1	505721.6	5409770.1	13273.00000	425.40	0	48.840877	-86.922022	56173.38	56251	-0.97	56172.41	56161.85156	55945.99858	55943.52344	505721.6	5409770.1
L5720.1	505721.6	5409771.5	13273.09961	426.08	0	48.840891	-86.922022	56173.82	56251	-0.97	56172.85	56162.39844	55945.37696	55942.94531	505721.6	5409771.5
L5720.1	505721.6	5409771.5	13273.20020	426.56	0	48.840891	-86.922022	56174.25	56251	-0.97	56173.28	56162.93750	55944.31600	55941.92578	505721.6	5409771.5
L5720.1	505721.6	5409773.3	13273.29981	425.39	0	48.840907	-86.922022	56174.68	56251	-0.97	56173.71	56163.47266	55943.09156	55940.74219	505721.6	5409773.3
L5720.1	505721.6	5409773.3	13273.40039	423.13	0	48.840907	-86.922022	56175.06	56251	-0.97	56174.09	56163.95313	55940.31565	55938.00000	505721.6	5409773.3
L5720.1	505721.6	5409774.9	13273.50000	424.45	0	48.840921	-86.922022	56175.64	56251	-0.97	56174.67	56164.62891	55942.91953	55940.64063	505721.6	5409774.9
L5720.1	505721.6	5409776.4	13273.59961	423.45	0	48.840935	-86.922022	56176.09	56251	-0.97	56175.12	56165.17578	55941.75038	55939.50391	505721.6	5409776.4
L5720.1	505721.6	5409776.4	13273.70020	426.22	0	48.840935	-86.922022	56176.54	56251	-0.97	56175.57	56165.71484	55940.41162	55938.19922	505721.6	5409776.4
L5720.1	505721.7	5409777.9	13273.79981	424.33	0	48.840948	-86.922022	56177.06	56251	-0.97	56176.08	56166.31250	55940.56539	55938.38281	505721.7	5409777.9
L5720.1	505721.7	5409779.1	13273.90039	425.02	0	48.840958	-86.922022	56177.41	56251	-0.97	56176.44	56166.75781	55936.38632	55934.23047	505721.7	5409779.1
L5720.1	505721.7	5409780.5	13274.00000	425.29	0	48.840971	-86.922022	56178.04	56251	-0.97	56177.07	56167.47266	55939.51953	55937.39063	505721.7	5409780.5
L5720.1	505721.7	5409780.5	13274.09961	422.97	0	48.840971	-86.922022	56178.59	56251	-0.97	56177.62	56168.10156	55940.25704	55938.15625	505721.7	5409780.5
L5720.1	505721.7	5409781.9	13274.20020	422.65	0	48.840984	-86.922022	56179.14	56251	-0.97	56178.17	56168.72656	55940.81508	55938.73828	505721.7	5409781.9
L5720.1	505721.7	5409783.3	13274.20020	422.65	0	48.840996	-86.922021	56179.56	56251	-0.97	56178.59	56169.21875	55937.58620	55935.53125	505721.7	5409783.3
L5720.1	505721.7	5409784.9	13274.40039	424.57	0	48.841011	-86.922021	56180.06	56251	-0.97	56179.09	56169.79297	55936.39130	55934.35547	505721.7	5409784.9
L5720.1	505721.7	5409784.9	13274.50000	422.05	0	48.841011	-86.922021	56180.55	56251	-0.97	56179.58	56170.34766	55934.73174	55932.71484	505721.7	5409784.9
L5720.1	505721.7	5409786.5	13274.59961	420.23	0	48.841025	-86.922021	56181.14	56251	-0.97	56180.17	56171.00391	55935.65488	55933.66016	505721.7	5409786.5
L5720.1	505721.7	5409787.8	13274.70020	418.45	0	48.841037	-86.922021	56181.77	56251	-0.97	56180.80	56171.69922	55937.49352	55935.51563	505721.7	5409787.8
L5720.1	505721.7	5409789.1	13274.79981	419.77	0	48.841049	-86.922021	56182.29	56251	-0.97	56181.32	56172.27734	55936.08442	55934.12109	505721.7	5409789.1
L5720.1	505721.7	5409789.1	13274.90039	418.13	0	48.841049	-86.922021	56182.74	56251	-0.97	56181.77	56172.78516	55932.53293	55930.58203	505721.7	5409789.1
L5720.1	505721.7	5409790.7	13275.00000	415.43	0	48.841063	-86.922021	56183.20	56251	-0.97	56182.23	56173.30078	55929.05335	55927.11719	505721.7	5409790.7
L5720.1	505721.7	5409790.7	13275.09961	415.78	0	48.841063	-86.922021	56183.84	56251	-0.97	56182.87	56173.99219	55930.35543	55928.42969	505721.7	5409790.7
L5720.1	505721.8	5409792.2	13275.20020	418.78	0	48.841077	-86.922020	56184.56	56251	-0.97	56183.59	56174.76172	55933.66120	55931.74609	505721.8	5409792.2
L5720.1	505721.8	5409793.8	13275.29981	420.03	0	48.841091	-86.922020	56185.14	56251	-0.97	56184.17	56175.39063	55932.86456	55930.96094	505721.8	5409793.8
L5720.1	505721.8	5409795.4	13275.40039	421.36	0	48.841105	-86.922020	56185.70	56251	-0.97	56184.73	56175.99609	55931.28763	55929.39063	505721.8	5409795.4
L5720.1	505721.8	5409796.7	13275.50000	422.87	0	48.841117	-86.922020	56186.26	56251	-0.97	56185.29	56176.59766	55929.47899	55927.58594	505721.8	5409796.7
L5720.1	505721.8	5409796.7	13275.59961	420.66	0	48.841117	-86.922020	56186.90	56251	-0.97	56185.93	56177.28125	55929.65068	55927.76563	505721.8	5409796.7
L5720.1	505721.8	5409798.6	13275.70020	423.56	0	48.841134	-86.922020	56187.55	56251	-0.97	56186.58	56177.96875	55929.85463	55927.97266	505721.8	5409798.6
L5720.1	505721.8	5409798.6	13275.79981	424.61	0	48.841134	-86.922020	56188.11	56251	-0.97	56187.14	56178.56641	55927.31037	55925.43359	505721.8	5409798.6
L5720.1	505721.8	5409799.7	13275.90039	421.25	0	48.841144	-86.922020	56188.84	56251	-0.97	56187.87	56179.33203	55929.22018	55927.34375	505721.8	5409799.7
L5720.1	505721.8	5409801.1	13276.00000	423.36	0	48.841157	-86.922020	56189.48	56251	-0.97	56188.51	56180.00391	55928.36566	55926.48828	505721.8	5409801.1
L5720.1	505721.8	5409802.4	13276.09961	425.51	0	48.841168	-86.922020	56190.15	56251	-0.97	56189.18	56180.70313	55928.06574	55926.18750	505721.8	5409802.4
L5720.1	505721.8	5409802.4	13276.20020	425.74	0	48.841168	-86.922020	56190.67	56251	-0.97	56189.70	56181.25391	55923.31950	55921.44141	505721.8	5409802.4
L5720.1	505721.8	5409803.6	13276.20020	425.74	0	48.841179	-86.922020	56191.32	56251	-0.97	56190.35	56181.92969	55921.88181	55920.00000	505721.8	5409803.6
L5720.1	505721.8	5409805.3	13276.40039	422.61	0	48.841195	-86.922020	56192.08	56251	-0.97	56191.11	56182.71484	55923.18765	55921.30078	505721.8	5409805.3
L5720.1	505721.8	5409806.7	13276.50000	423.07	0	48.841207	-86.922020	56192.96	56251	-0.96	56191.99	56183.61719	55927.50341	55925.60938	505721.8	5409806.7
L5720.1	505721.8	5409806.7	13276.59961	424.08	0	48.841207	-86.922020	56193.41	56251	-0.96	56192.45	56184.09766	55919.84282	55917.94141	505721.8	5409806.7
L5720.1	505721.8	5409808.0	13276.70020	421.47	0	48.841219	-86.922020	56194.08	56251	-0.96	56193.11	56184.77734	55917.38709	55915.47656	505721.8	5409808.0
L5720.1	505721.8	5409809.5	13276.79981	424.67	0	48.841232	-86.922019	56194.99	56251	-0.96	56194.03	56185.71875	55921.78747	55919.87109	505721.8	5409809.5
L5720.1	505721.8	5409810.9	13276.90039	424.56	0	48.841245	-86.922019	56195.78	56251	-0.96	56194.82	56186.52344	55922.21564	55920.28516	505721.8	5409810.9
L5720.1	505721.8	5409810.9	13277.00000	424.92	0	48.841245	-86.922019	56196.56	56251	-0.96	56195.60	56187.32031	55921.98553	55920.04297	505721.8	5409810.9
L5720.1	505721.8	5409812.5	13277.09961	425.32	0	48.841259	-86.922019	56197.26	56251	-0.96	56196.30	56188.03125	55919.14161	55917.18359	505721.8	5409812.5
L5720.1	505721.8	5409813.8	13277.20020	424.29	0	48.841271	-86.922019	56198.06	56251	-0.96	56197.09	56188.83594	55918.38321	55916.41016	505721.8	5409813.8
L5720.1	505721.8	5409815.2	13277.29981	423.23	0	48.841284	-86.922019	56198.88	56251	-0.96	56197.92	56189.67578	55918.30824	55916.32031	505721.8	5409815.2
L5720.1	505721.8	5409815.2	13277.40039	425.56	0	48.841284	-86.922019	56199.64	56251	-0.96	56198.68	56190.44531	55915.85015	55913.84375	505721.8	5409815.2
L5720.1	505721.8	5409817.2	13277.50000	422.07	0	48.841301	-86.922019	56200.56	56251	-0.96	56199.59	56191.36328	55917.09308	55915.06641	505721.8	5409817.2
L5720.1	505721.8	5409817.2	13277.59961	424.41	0	48.841301	-86.922019	56201.29	56251	-0.97	56200.33	56192.10938	55913.14580	55911.09766	505721.8	5409817.2
L5720.1	505721.8	5409818.6	13277.70020	422.26	0	48.841314	-86.922019	56202.12	56251	-0.97	56201.15	56192.93750	55910.92323	55908.85156	505721.8	5409818.6
L5720.1	505721.8	5409820.0	13277.79981	422.17	0	48.841327	-86.922019	56202.83	56251	-0.97	56201.86	56193.64844	55905.13803	55903.04297	505721.8	5409820.0
L5720.1	505721.8	5409820.0	13277.90039	420.37	0	48.841327	-86.922019	56203.79	56251	-0.97	56202.82	56194.61328	55905.75444	55903.63281	505721.8	5409820.0
L5720.1	505721.8	5409821.6	13278.00000	419.32	0	48.841341	-86.922019	56204.90	56251	-0.97	56203.93	56195.72656	55909.97982	55907.82813	505721.8	5409821.6
L5720.1	505721.8	5409823.2	13278.09961	418.86	0	48.841355	-86.922019	56205.84	56251	-0.97	56204.87	56196.66797	55908.92017	55906.73828	505721.8	5409823.2
L5720.1	505721.8	5409823.2	13278.20020	423.26	0	48.841355	-86.922019	56206.73	56251	-0.97	56205.75	56197.54688	55905.60535	55903.39063	505721.8	5409823.2
L5720.1	505721.8	5409825.0	13278.20020	423.26	0	48.841372	-86.922019	56207.68	56251	-0.97	56206.71	56198.50781	55903.89664	55901.64844	505721.8	5409825.0
L5720.1	505721.8	5409826.4	13278.40039	428.29	0	48.841384	-86.922019	56208.68	56251	-0.97	56207.70	56199.49609	55902.38591	55900.10156	505721.8	5409826.4
L5720.1	505721.8	5409827.7	13278.50000	428.46	0	48.841396	-86.922019	56209.73	56251	-0.98	56208.75	56200.54297	55901.88307	55899.56250	505721.8	5409827.7
L5720.1	505721.8	5409827.7	13278.59961	431.57	0	48.841396	-86.922019	56210.78	56251	-0.98	56209.81	56201.60156	55900.97909	55898.61719	505721.8	5409827.7
L5720.1	505721.8	5409829.5	13278.70020	432.31	0	48.841413	-86.922019	56211.84	56251	-0.98	56210.86	56202.64453	55899.09645	55896.69141	505721.8	5409829.5
L5720.1	505721.8	5409829.5	13278.79981	430.58	0	48.841413	-86.922019	56212.76	56251	-0.98	56211.78	56203.56250	55892.88408	55890.43750	505721.8	5409829.5

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5720.1	505721.8	5409831.4	13278.90039	431.59	0	48.841429	-86.922019	56213.78	56251	-0.98	56212.80	56204.57422	55888.69647	55886.20313	505721.8	5409831.4
L5720.1	505721.8	5409832.7	13279.00000	427.61	0	48.841441	-86.922019	56215.00	56251	-0.98	56214.02	56205.78906	55889.28266	55886.73828	505721.8	5409832.7
L5720.1	505721.8	5409834.2	13279.09961	424.53	0	48.841454	-86.922019	56216.31	56251	-0.98	56215.33	56207.09375	55891.56785	55888.97266	505721.8	5409834.2
L5720.1	505721.8	5409834.2	13279.20020	423.81	0	48.841454	-86.922019	56217.36	56251	-0.98	56216.38	56208.13281	55885.82150	55883.17188	505721.8	5409834.2
L5720.1	505721.8	5409835.8	13279.29981	425.70	0	48.841468	-86.922019	56218.36	56251	-0.99	56217.37	56209.11719	55877.56487	55874.86328	505721.8	5409835.8
L5720.1	505721.8	5409837.2	13279.40039	425.52	0	48.841481	-86.922019	56219.47	56251	-0.99	56218.48	56210.21875	55871.76436	55869.00391	505721.8	5409837.2
L5720.1	505721.8	5409837.2	13279.50000	424.31	0	48.841481	-86.922019	56220.82	56251	-0.99	56219.83	56211.55859	55871.72232	55868.89844	505721.8	5409837.2
L5720.1	505721.8	5409839.6	13279.59961	424.31	0	48.841503	-86.922019	56222.23	56251	-0.99	56221.24	56212.95703	55872.42157	55869.53125	505721.8	5409839.6
L5720.1	505721.8	5409840.7	13279.59961	426.27	0	48.841513	-86.922019	56223.68	56251	-0.99	56222.69	56214.39844	55873.28178	55870.32813	505721.8	5409840.7
L5720.1	505721.8	5409840.7	13279.70020	421.98	0	48.841513	-86.922019	56224.96	56251	-0.99	56223.96	56215.65625	55868.17630	55865.15234	505721.8	5409840.7
L5720.1	505721.8	5409842.3	13279.79981	421.75	0	48.841527	-86.922019	56226.36	56251	-1.00	56225.36	56217.04688	55865.67589	55862.58203	505721.8	5409842.3
L5720.1	505721.8	5409843.8	13280.00000	420.22	0	48.841541	-86.922019	56227.55	56251	-1.00	56226.55	56218.22656	55856.32604	55853.15625	505721.8	5409843.8
L5720.1	505721.8	5409845.4	13280.09961	419.37	0	48.841555	-86.922019	56228.89	56251	-1.00	56227.90	56219.56250	55850.36136	55847.11328	505721.8	5409845.4
L5720.1	505721.8	5409845.4	13280.20020	419.55	0	48.841555	-86.922019	56230.28	56251	-1.00	56229.29	56220.94141	55844.42826	55841.09766	505721.8	5409845.4
L5720.1	505721.8	5409846.9	13280.20020	419.55	0	48.841569	-86.922019	56231.97	56251	-1.00	56230.97	56222.60938	55845.43371	55842.01953	505721.8	5409846.9
L5720.1	505721.8	5409848.5	13280.29981	419.18	0	48.841583	-86.922019	56233.68	56251	-0.99	56232.69	56224.31641	55846.41930	55842.92188	505721.8	5409848.5
L5720.1	505721.8	5409850.0	13280.40039	420.42	0	48.841596	-86.922019	56235.11	56251	-0.99	56234.12	56225.73438	55838.20827	55834.61719	505721.8	5409850.0
L5720.1	505721.8	5409850.0	13280.59961	423.95	0	48.841596	-86.922019	56236.59	56251	-0.99	56235.61	56227.21094	55830.48123	55826.79688	505721.8	5409850.0
L5720.1	505721.8	5409851.4	13280.70020	422.93	0	48.841609	-86.922019	56238.22	56251	-0.99	56237.24	56228.82813	55825.43162	55821.64844	505721.8	5409851.4
L5720.1	505721.8	5409851.4	13280.79981	421.33	0	48.841609	-86.922019	56240.12	56251	-0.98	56239.13	56230.70313	55826.36243	55822.48047	505721.8	5409851.4
L5720.1	505721.8	5409853.2	13280.90039	422.01	0	48.841626	-86.922018	56241.95	56251	-0.98	56240.97	56232.53125	55824.65261	55820.67188	505721.8	5409853.2
L5720.1	505721.8	5409854.8	13281.00000	421.56	0	48.841639	-86.922018	56243.64	56251	-0.98	56242.66	56234.20703	55817.50502	55813.41406	505721.8	5409854.8
L5720.1	505721.8	5409854.8	13281.09961	421.20	0	48.841639	-86.922018	56245.40	56251	-0.98	56244.42	56235.95313	55810.99688	55806.79297	505721.8	5409854.8
L5720.1	505721.8	5409856.4	13281.20020	420.94	0	48.841654	-86.922018	56247.29	56251	-0.98	56246.30	56237.82031	55806.49158	55802.17578	505721.8	5409856.4
L5720.1	505721.9	5409858.1	13281.29981	422.51	0	48.841670	-86.922018	56249.32	56251	-0.99	56248.34	56239.84766	55805.07571	55800.64453	505721.9	5409858.1
L5720.1	505721.9	5409858.1	13281.40039	422.20	0	48.841670	-86.922018	56251.32	56251	-0.99	56250.33	56241.82422	55800.90363	55796.35547	505721.9	5409858.1
L5720.1	505721.9	5409860.0	13281.50000	421.02	0	48.841687	-86.922018	56253.36	56251	-0.99	56252.37	56243.85156	55796.72693	55792.05078	505721.9	5409860.0
L5720.1	505721.9	5409861.4	13281.59961	420.45	0	48.841699	-86.922018	56255.58	56251	-0.99	56254.59	56246.05859	55796.12975	55791.32422	505721.9	5409861.4
L5720.1	505721.9	5409862.9	13281.70020	421.52	0	48.841713	-86.922017	56257.88	56251	-0.99	56256.88	56248.33203	55796.04146	55791.10547	505721.9	5409862.9
L5720.1	505721.9	5409862.9	13281.79981	419.67	0	48.841713	-86.922017	56259.79	56251	-1.00	56258.79	56250.23047	55783.96354	55778.89453	505721.9	5409862.9
L5720.1	505721.9	5409864.5	13281.90039	422.38	0	48.841727	-86.922017	56262.14	56251	-1.00	56261.14	56252.56641	55782.61674	55777.41406	505721.9	5409864.5
L5720.1	505721.9	5409866.2	13282.00000	422.87	0	48.841742	-86.922017	56264.38	56251	-1.00	56263.38	56254.79297	55776.73100	55771.38281	505721.9	5409866.2
L5720.1	505721.9	5409868.1	13282.09961	422.92	0	48.841759	-86.922017	56266.99	56251	-1.00	56265.99	56257.39063	55779.60009	55774.10547	505721.9	5409868.1
L5720.1	505721.9	5409868.1	13282.20020	422.52	0	48.841759	-86.922017	56269.66	56251	-1.00	56268.67	56260.05859	55782.88843	55777.24609	505721.9	5409868.1
L5720.1	505721.9	5409869.3	13282.20020	422.52	0	48.841770	-86.922017	56272.12	56251	-1.00	56271.12	56262.49609	55778.26135	55772.46875	505721.9	5409869.3
L5720.1	505721.9	5409871.0	13282.40039	424.24	0	48.841786	-86.922017	56274.67	56251	-1.00	56273.67	56265.03516	55774.85568	55768.90625	505721.9	5409871.0
L5720.1	505721.9	5409872.3	13282.50000	424.71	0	48.841797	-86.922017	56277.35	56251	-0.99	56276.35	56267.70313	55773.48995	55767.38281	505721.9	5409872.3
L5720.1	505721.9	5409873.6	13282.59961	421.05	0	48.841809	-86.922017	56280.00	56251	-0.99	56279.01	56270.34766	55769.99207	55763.71875	505721.9	5409873.6
L5720.1	505721.9	5409873.6	13282.70020	422.89	0	48.841809	-86.922017	56282.81	56251	-0.99	56281.82	56273.14844	55769.06497	55762.62500	505721.9	5409873.6
L5720.1	505721.9	5409875.5	13282.79981	422.70	0	48.841826	-86.922016	56285.64	56251	-0.99	56284.65	56275.96484	55767.09333	55760.48438	505721.9	5409875.5
L5720.1	505721.9	5409877.0	13282.90039	420.97	0	48.841840	-86.922016	56288.53	56251	-0.99	56287.54	56278.84375	55765.17724	55758.39453	505721.9	5409877.0
L5720.1	505721.9	5409877.0	13283.00000	422.19	0	48.841840	-86.922016	56291.48	56251	-0.99	56290.49	56281.78516	55763.30869	55756.34766	505721.9	5409877.0
L5720.1	505722.0	5409878.4	13283.09961	422.77	0	48.841852	-86.922016	56294.70	56251	-0.99	56293.71	56284.99219	55767.30435	55760.16016	505722.0	5409878.4
L5720.1	505722.0	5409880.1	13283.20020	424.03	0	48.841867	-86.922016	56297.90	56251	-0.99	56296.91	56288.18359	55769.11659	55761.78516	505722.0	5409880.1
L5720.1	505721.9	5409881.5	13283.29981	426.59	0	48.841880	-86.922016	56301.11	56251	-0.99	56300.12	56291.38281	55769.57292	55762.05469	505721.9	5409881.5
L5720.1	505721.9	5409881.5	13283.40039	426.75	0	48.841880	-86.922016	56304.20	56251	-0.99	56303.21	56294.46484	55765.06516	55757.35938	505721.9	5409881.5
L5720.1	505721.9	5409883.1	13283.50000	425.07	0	48.841894	-86.922016	56307.64	56251	-0.99	56306.65	56297.89844	55768.62503	55760.72266	505721.9	5409883.1
L5720.1	505721.9	5409884.5	13283.59961	424.82	0	48.841907	-86.922017	56311.16	56251	-0.99	56310.17	56301.40625	55772.76457	55764.66016	505721.9	5409884.5
L5720.1	505721.9	5409884.5	13283.70020	428.45	0	48.841907	-86.922017	56314.91	56251	-0.99	56313.92	56305.14844	55781.64419	55773.33594	505721.9	5409884.5
L5720.1	505721.9	5409886.2	13283.79981	427.29	0	48.841922	-86.922017	56318.66	56251	-0.99	56317.67	56308.89063	55788.88781	55780.37500	505721.9	5409886.2
L5720.1	505721.9	5409887.7	13283.90039	427.67	0	48.841935	-86.922017	56322.37	56251	-0.99	56321.38	56312.59766	55793.38965	55784.66797	505721.9	5409887.7
L5720.1	505721.9	5409889.2	13284.00000	427.01	0	48.841949	-86.922017	56326.09	56251	-0.99	56325.10	56316.30859	55796.54105	55787.60547	505721.9	5409889.2
L5720.1	505721.9	5409889.2	13284.09961	428.04	0	48.841949	-86.922017	56329.92	56251	-0.99	56328.93	56320.13281	55801.12133	55791.96875	505721.9	5409889.2
L5720.1	505721.9	5409890.9	13284.20020	427.39	0	48.841964	-86.922017	56333.70	56251	-0.99	56332.71	56323.90625	55802.70111	55793.32813	505721.9	5409890.9
L5720.1	505721.9	5409892.9	13284.20020	427.39	0	48.841982	-86.922017	56337.58	56251	-0.99	56336.60	56327.79297	55805.72637	55796.13281	505721.9	5409892.9
L5720.1	505721.9	5409892.9	13284.40039	425.91	0	48.841982	-86.922017	56341.81	56251	-0.98	56340.83	56332.01953	55816.58568	55806.76953	505721.9	5409892.9
L5720.1	505721.9	5409894.9	13284.50000	424.76	0	48.842001	-86.922017	56345.97	56251	-0.98	56344.99	56336.17578	55823.92113	55813.87500	505721.9	5409894.9
L5720.1	505721.9	5409894.9	13284.59961	426.74	0	48.842001	-86.922017	56350.32	56251	-0.98	56349.34	56340.51953	55834.95608	55824.67578	505721.9	5409894.9
L5720.1	505721.9	5409896.6	13284.70020	426.00	0	48.842016	-86.922016	56354.57	56251	-0.98	56353.60	56344.77734	55841.94053	55831.42188	505721.9	5409896.6
L5720.1	505721.9	5409896.6	13284.79981	423.40	0	48.842016	-86.922016	56359.19	56251	-0.97	56358.22	56349.39453	55857.36962	55846.61719	505721.9	5409896.6
L5720.1	505721.9	5409898.5	13284.90039	422.52	0	48.842033	-86.922016	56363.69	56251	-0.97	56362.72	56353.89453	55867.94999	55856.95703	505721.9	5409898.5
L5720.1	505721.9	5409899.9	13285.00000	423.63	0	48.842045	-86.922016	56368.25	56251	-0.97	56367.28	56358.45313	55878.69225	55867.45703	505721.9	5409899.9
L5720.1	505721.9	5409899.9	13285.09961	422.57	0	48.842045	-86.922016	56372.90	56251	-0.97	56371.93	56363.10547	55890.44876	55878.96094	505721.9	5409899.9
L5720.1	505721.9	5409901.6	13285.20020	421.92	0	48.842061	-86.922016	56377.46	56251	-0.97	56376.49	56367.66406	55898.24978	55886.51172	505721.9	5409901.6
L5720.1	505722.0	5409902.8	13285.29981	424.40	0	48.842071	-86.922016	56382.19	56251	-0.97	56381.22	56372.39453	55909.32866	55897.33984	505722.0	5409902.8
L5720.1	505722.0	5409904.0	13285.40039	424.01	0	48.842082	-86.922016	56386.83	56251	-0.97	56385.86	56377.03906	55916.50001	55904.26172	505722.0	5409904.0
L5720.1	505722.0	5409905.5	13285.50000	424.91	0	48.842096	-86.922016	56391.94	56251	-0.97	56390.97	56382.15234	55935.31930	55922.82031	505722.0	5409905.5
L5720.1	505722.0	5409906.8	13285.59961	425.48	0	48.842108	-86.922016	56396.98	56251	-0.97	56396.01	56387.19531	55950.83919	55938.07813	505722.0	5409906.8
L5720.1	505722.0	5409906.8	13285.70020	424.32	0	48.842108	-86.922016	56402.22	56251	-0.97	56401.25	56392.43750	55970.57590	55957.55078	505722.0	5409906.8
L5720.1	505722.0	5409908.3	13285.79981	421.10	0	48.842121	-86.922015	56407.22	56251	-0.97	56406.25	56397.44141	55982.35793	55969.07031	505722.0	5409908.3
L5720.1	505722.0	5409909.9	13285.90039	420.49	0	48.842136	-86.922015	56412.33	56251	-0.97	56411.36	56402.55859	55995.92267	55982.36719	505722.0	5409909.9
L5720.1	505722.0	5409911.2	13286.00000	421.37	0	48.842147	-86.922015	56417.61	56251	-0.97	56416.64	56407.84375	56012.96680	55999.14063	505722.0	5409911.2
L5720.1	505722.0	5409911.2	13286.09961	421.15	0	48.842147	-86.922015	56422.99	56251	-0.97	56422.02	56413.23047	56031.58325	56017.48047	505722.0	5409911.2
L5720.1	505722.0	5409912.6	13286.20020	421.06	0	48.842160	-86.922015	56428.36	56251	-0.97	56427.38	56418.59766	56048.47969	56034.10156	505722.0	5409912.6
L5720.1	505722.0	5409914.1	13286.20020	421.06	0	48.842173	-86.922015	56433.71	56251	-0.97	56432.74	56423.96875	56064.24736	56049.59375	505722.0	5409914.1
L5720.1	505722.0	5409915.5	13286.40039	420.63	0	48.842186	-86.922015	56439.13	56251	-0.97	56438.15	56429.38672	56080.31067	56065.38281	505722.0	5409915.5
L5720.1	505722.0	5409915.5	13286.50000	419.17	0	48.842186	-86.922015	56444.66	56251	-0.98	56443.69	56434.93750	56098.92715	56083.71875	505722.0	5409915.5
L5720.1	505722.0	5409917.2	13286.59961	423.67	0	48.842201	-86.922015	56450.36	56251	-0.98	56449.38	56440.63672	56120.69162	56105.19531	505722.0	5409917.2
L5720.1	505722.0	5409917.2	13286.70020	426.52	0	48.842201	-86.922015	56455.92	56251	-0.98	56454.94	56446.21094	56137.88071	56122.09375	505722.0	5409917.2
L5720.1	505722.0	5409918.9	13286.79981	428.67	0	48.842216	-86.922015	56461.56	56251	-0.98	56460.58	56451.86328	56156.36040	56140.28906	505722.0	5409918.9
L5720.1	505722.0	5409920.5	13286.90039	431.24	0	48.842231	-86.922015	56467.25	56251	-0.98	56466.27	56457.56641	56175.34224	56158.98438	505722.0	5409920.5
L5720.1	505722.0	5409921.7	13287.00000	426.83	0	48.842242	-86.922015	56472.96	56251	-0.98	56471.98	56463.29297	56194.03885	56177.38672	505722.0	5409921.7
L5720.1	505722.0	5409921.7	13287.09961	427.56	0	48.842242	-86.922015	56478.73	56251	-0.98	56477.76	56469.08594	56213.88231	56196.93359	505722.0	5409921.7
L5720.1	505722.0	5409923.5	13287.20020	426.74	0	48.842258	-86.922015	56484.52	56251	-0.97	56483.55	56474.89063	56233.25524	56216.00781	505722.0	5409923.5
L5720.1	505722.0	5409925.4	13287.29981	427.41	0	48.842275	-86.922015	56490.39	56251	-0.97	56489.42	56480.77734	56254.14623	56236.60547	505722.0	5409925.4
L5720.1	505722.0	5409925.4	13287.40039	429.59	0	48.842275	-86.922015	56496.16	56251	-0.97	56495.20	56486.57813	56271.88928	56254.05078	505722.0	5409925.4
L5720.1	505722.1	5409927.1	13287.50000	428.83	0	48.842290	-86.922014	56502.08	56251	-0.96	56501.12	56492.51563	56292.91167	56274.76953	505722.1	5409927.1
L5720.1	505722.1	5409928.6	13287.59961	428.00	0	48.842304	-86.922014	56508.11	56251	-0.96	56507.14	56498.55469	56316.15408	56297.70313	505722.1	5409928.6
L5720.1	505722.1	5409930.3	13287.70020	426.50	0	48.842319	-86.922014	56514.16	56251	-0.96	56513.20	56504.63281	56340.00332	56321.24219	505722.1	5409930.3
L5720.1	505722.1	5409930.3	13287.79981	427.99	0	48.842319	-86.922014	56520.02	56251	-0.96	56519.06	56510.51563	56357.85531	56338.78906	505722.1	5409930.3
L5720.1	505722.1	5409932.4	13287.90039	427.75	0	48.842338	-86.922014	56525.95	56251	-0.95	56524.99	56516.46875	56377.24950	56357.87500	505722.1	5409932.4
L5720.1	505722.1	5409933.8	13288.00000	425.57	0	48.842351	-86.922013	56531.91	56250.9	-0.95	56530.96	56522.46094	56397.40660	56377.71875	505722.1	5409933.8
L5720.1	505722.1	5409933.8	13288.09961	424.95	0	48.842351	-86.922013	56537.94	56250.9	-0.95	56536.99	56528.51563	56418.93449	56398.92578	505722.1	5409933.8

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5720.1	505722.1	5409935.6	13288.20020	423.89	0	48.842367	-86.922013	56543.98	56250.9	-0.95	56543.03	56534.57813	56440.50035	56420.17188	505722.1	5409935.6
L5720.1	505722.2	5409937.0	13288.20020	423.89	0	48.842379	-86.922013	56550.09	56250.9	-0.95	56549.14	56540.71484	56463.82229	56443.17578	505722.2	5409937.0
L5720.1	505722.2	5409937.0	13288.40039	424.80	0	48.842379	-86.922013	56556.11	56250.9	-0.95	56555.16	56546.76172	56484.51798	56463.55469	505722.2	5409937.0
L5720.1	505722.2	5409938.9	13288.50000	425.40	0	48.842396	-86.922012	56562.18	56250.9	-0.95	56561.23	56552.85938	56506.52479	56485.23438	505722.2	5409938.9
L5720.1	505722.2	5409940.1	13288.59961	425.32	0	48.842407	-86.922012	56568.11	56250.9	-0.95	56567.16	56558.81641	56524.62916	56503.00781	505722.2	5409940.1
L5720.1	505722.2	5409940.1	13288.70020	426.66	0	48.842407	-86.922012	56573.95	56250.9	-0.95	56573.00	56564.68359	56540.27326	56518.32031	505722.2	5409940.1
L5720.1	505722.2	5409941.5	13288.79981	424.37	0	48.842420	-86.922012	56580.02	56250.9	-0.95	56579.07	56570.78516	56562.38688	56540.10547	505722.2	5409941.5
L5720.1	505722.3	5409943.1	13288.90039	422.99	0	48.842434	-86.922011	56586.15	56250.9	-0.95	56585.20	56576.94531	56586.31172	56563.70313	505722.3	5409943.1
L5720.1	505722.3	5409945.0	13289.00000	425.11	0	48.842451	-86.922011	56592.27	56250.9	-0.95	56591.32	56583.09766	56610.16272	56587.21484	505722.3	5409945.0
L5720.1	505722.3	5409945.0	13289.09961	422.52	0	48.842451	-86.922011	56598.40	56250.9	-0.95	56597.45	56589.25781	56634.55068	56611.26172	505722.3	5409945.0
L5720.1	505722.3	5409946.4	13289.20020	420.21	0	48.842464	-86.922010	56604.32	56250.9	-0.95	56603.38	56595.22266	56653.70825	56630.07813	505722.3	5409946.4
L5720.1	505722.3	5409946.4	13289.29981	420.29	0	48.842464	-86.922010	56610.23	56250.9	-0.94	56609.29	56601.16406	56672.68314	56648.71484	505722.3	5409946.4
L5720.1	505722.4	5409949.4	13289.40039	418.49	0	48.842491	-86.922009	56616.12	56250.9	-0.94	56615.18	56607.08984	56691.53138	56667.22266	505722.4	5409949.4
L5720.1	505722.4	5409949.4	13289.50000	419.53	0	48.842491	-86.922009	56622.03	56250.9	-0.94	56621.09	56613.03906	56711.41810	56686.76172	505722.4	5409949.4
L5720.1	505722.4	5409950.8	13289.59961	420.04	0	48.842503	-86.922009	56627.97	56250.9	-0.94	56627.03	56619.01172	56732.67625	56707.67188	505722.4	5409950.8
L5720.1	505722.4	5409950.8	13289.70020	422.06	0	48.842503	-86.922009	56633.81	56250.9	-0.94	56632.87	56624.89063	56751.75618	56726.39844	505722.4	5409950.8
L5720.1	505722.5	5409952.2	13289.79981	425.31	0	48.842516	-86.922008	56639.61	56250.9	-0.93	56638.68	56630.73828	56770.65416	56744.94922	505722.5	5409952.2
L5720.1	505722.5	5409953.8	13289.90039	426.14	0	48.842530	-86.922008	56645.33	56250.9	-0.93	56644.40	56636.50000	56787.76102	56761.70703	505722.5	5409953.8
L5720.1	505722.5	5409955.1	13290.00000	422.78	0	48.842542	-86.922007	56651.22	56250.9	-0.93	56650.29	56642.42969	56810.34110	56783.93359	505722.5	5409955.1
L5720.1	505722.5	5409955.1	13290.09961	424.04	0	48.842542	-86.922007	56656.99	56250.9	-0.93	56656.06	56648.23828	56830.40618	56803.64063	505722.5	5409955.1
L5720.1	505722.6	5409956.7	13290.20020	425.57	0	48.842557	-86.922007	56662.63	56250.9	-0.93	56661.70	56653.91797	56847.73221	56820.60938	505722.6	5409956.7
L5720.1	505722.6	5409958.3	13290.20020	425.57	0	48.842571	-86.922007	56668.36	56250.9	-0.93	56667.43	56659.69141	56868.47269	56840.99609	505722.6	5409958.3
L5720.1	505722.6	5409959.8	13290.40039	428.32	0	48.842585	-86.922006	56673.94	56250.9	-0.93	56673.00	56665.30469	56885.74687	56857.91797	505722.6	5409959.8
L5720.1	505722.6	5409961.4	13290.50000	427.03	0	48.842599	-86.922006	56679.52	56250.9	-0.94	56678.59	56670.93750	56904.59768	56876.41016	505722.6	5409961.4
L5720.1	505722.6	5409961.4	13290.59961	424.87	0	48.842599	-86.922006	56684.92	56250.9	-0.94	56683.98	56676.37109	56918.97485	56890.42578	505722.6	5409961.4
L5720.1	505722.6	5409963.4	13290.70020	426.19	0	48.842617	-86.922006	56690.27	56250.9	-0.94	56689.33	56681.76563	56933.36516	56904.45703	505722.6	5409963.4
L5720.1	505722.7	5409964.7	13290.79981	428.15	0	48.842628	-86.922006	56695.66	56250.9	-0.94	56694.73	56687.21094	56950.31332	56921.05078	505722.7	5409964.7
L5720.1	505722.7	5409964.7	13290.90039	428.86	0	48.842628	-86.922006	56701.06	56250.9	-0.94	56700.12	56692.64844	56968.20350	56938.58984	505722.7	5409964.7
L5720.1	505722.7	5409966.2	13291.00000	428.87	0	48.842642	-86.922005	56706.30	56250.9	-0.94	56705.36	56697.93750	56983.20046	56953.23047	505722.7	5409966.2
L5720.1	505722.7	5409967.7	13291.09961	429.27	0	48.842655	-86.922005	56711.48	56250.9	-0.94	56710.54	56703.16406	56997.84606	56967.51953	505722.7	5409967.7
L5720.1	505722.7	5409969.0	13291.20020	429.61	0	48.842667	-86.922005	56716.64	56250.9	-0.94	56715.71	56708.38281	57013.57191	56982.89063	505722.7	5409969.0
L5720.1	505722.7	5409969.0	13291.29981	426.69	0	48.842667	-86.922005	56721.61	56250.9	-0.93	56720.67	56713.39063	57024.87575	56993.84375	505722.7	5409969.0
L5720.1	505722.7	5409970.5	13291.40039	427.54	0	48.842681	-86.922005	56726.54	56250.9	-0.93	56725.61	56718.38281	57037.06931	57005.69141	505722.7	5409970.5
L5720.1	505722.7	5409971.8	13291.50000	427.80	0	48.842693	-86.922005	56731.52	56250.9	-0.93	56730.59	56723.41406	57051.85807	57020.13281	505722.7	5409971.8
L5720.1	505722.7	5409971.8	13291.59961	426.63	0	48.842693	-86.922005	56736.59	56250.9	-0.93	56735.66	56728.53516	57070.66900	57038.59766	505722.7	5409971.8
L5720.1	505722.7	5409973.2	13291.70020	427.80	0	48.842705	-86.922005	56741.22	56250.9	-0.93	56740.29	56733.21484	57078.84377	57046.42969	505722.7	5409973.2
L5720.1	505722.7	5409974.6	13291.79981	427.47	0	48.842717	-86.922005	56745.88	56250.9	-0.92	56744.96	56737.93750	57089.73112	57056.98438	505722.7	5409974.6
L5720.1	505722.7	5409976.1	13291.90039	429.24	0	48.842731	-86.922005	56750.52	56250.9	-0.92	56749.60	56742.63281	57101.42637	57068.34766	505722.7	5409976.1
L5720.1	505722.7	5409977.5	13292.00000	426.48	0	48.842744	-86.922005	56755.07	56250.9	-0.92	56754.15	56747.23828	57112.30073	57078.89063	505722.7	5409977.5
L5720.1	505722.7	5409977.5	13292.09961	426.08	0	48.842744	-86.922005	56759.58	56250.9	-0.92	56758.66	56751.80078	57123.77444	57090.03906	505722.7	5409977.5
L5720.1	505722.7	5409979.1	13292.20020	425.02	0	48.842758	-86.922005	56763.88	56250.9	-0.92	56762.96	56756.15625	57131.16541	57097.10938	505722.7	5409979.1
L5720.1	505722.7	5409979.1	13292.20020	425.02	0	48.842758	-86.922005	56768.26	56250.9	-0.92	56767.34	56760.58984	57142.54636	57108.17969	505722.7	5409979.1
L5720.1	505722.7	5409980.4	13292.40039	427.64	0	48.842770	-86.922004	56772.40	56250.9	-0.92	56771.47	56764.77734	57148.79523	57114.12109	505722.7	5409980.4
L5720.1	505722.7	5409982.1	13292.50000	426.27	0	48.842785	-86.922004	56776.57	56250.9	-0.93	56775.64	56769.00391	57157.98165	57123.00781	505722.7	5409982.1
L5720.1	505722.7	5409983.2	13292.59961	424.13	0	48.842795	-86.922004	56780.65	56250.9	-0.93	56779.73	56773.15234	57166.80392	57131.53516	505722.7	5409983.2
L5720.1	505722.7	5409983.2	13292.70020	423.30	0	48.842795	-86.922004	56784.68	56250.9	-0.93	56783.76	56777.23828	57175.84110	57140.28125	505722.7	5409983.2
L5720.1	505722.7	5409985.0	13292.79981	424.47	0	48.842811	-86.922004	56788.63	56250.9	-0.93	56787.70	56781.23438	57184.28402	57148.44531	505722.7	5409985.0
L5720.1	505722.7	5409986.2	13292.90039	426.43	0	48.842822	-86.922004	56792.46	56250.9	-0.93	56791.53	56785.12500	57191.59918	57155.49219	505722.7	5409986.2
L5720.1	505722.7	5409986.2	13293.00000	428.20	0	48.842822	-86.922004	56795.89	56250.9	-0.93	56794.96	56788.61328	57189.76399	57153.39453	505722.7	5409986.2
L5720.1	505722.7	5409987.6	13293.09961	427.79	0	48.842835	-86.922005	56799.57	56250.9	-0.93	56798.64	56792.35547	57196.82137	57160.19922	505722.7	5409987.6
L5720.1	505722.7	5409988.8	13293.20020	426.87	0	48.842845	-86.922005	56803.18	56250.9	-0.93	56802.25	56796.02344	57203.91338	57167.04688	505722.7	5409988.8
L5720.1	505722.7	5409990.1	13293.29981	424.14	0	48.842857	-86.922005	56806.70	56250.9	-0.93	56805.77	56799.60547	57210.49963	57173.39844	505722.7	5409990.1
L5720.1	505722.7	5409990.1	13293.40039	425.09	0	48.842857	-86.922005	56810.10	56250.9	-0.93	56809.17	56803.06641	57215.76070	57178.44141	505722.7	5409990.1
L5720.1	505722.7	5409991.4	13293.50000	429.16	0	48.842868	-86.922005	56813.35	56250.9	-0.93	56812.42	56806.37500	57218.87537	57181.34375	505722.7	5409991.4
L5720.1	505722.7	5409993.0	13293.59961	430.43	0	48.842883	-86.922005	56816.51	56250.9	-0.93	56815.58	56809.59766	57221.51647	57183.78516	505722.7	5409993.0
L5720.1	505722.7	5409994.3	13293.70020	429.22	0	48.842894	-86.922005	56819.43	56250.9	-0.93	56818.50	56812.57813	57219.53149	57181.60938	505722.7	5409994.3
L5720.1	505722.6	5409995.2	13293.79981	426.36	0	48.842903	-86.922005	56822.59	56250.9	-0.93	56821.66	56815.80078	57226.23674	57188.14063	505722.6	5409995.2
L5720.1	505722.6	5409995.2	13293.90039	425.79	0	48.842903	-86.922005	56825.50	56250.9	-0.93	56824.57	56818.77734	57228.04755	57189.79297	505722.6	5409995.2
L5720.1	505722.6	5409996.2	13294.00000	425.60	0	48.842912	-86.922005	56828.52	56250.9	-0.93	56827.59	56821.85938	57234.94891	57196.54688	505722.6	5409996.2
L5720.1	505722.6	5409997.7	13294.09961	427.20	0	48.842925	-86.922006	56831.06	56250.9	-0.93	56830.13	56824.46094	57230.57947	57192.04297	505722.6	5409997.7
L5720.1	505722.6	5409998.8	13294.20020	428.25	0	48.842935	-86.922006	56833.72	56250.9	-0.94	56832.78	56827.17578	57231.29877	57192.64453	505722.6	5409998.8
L5720.1	505722.6	5410000.1	13294.20020	428.25	0	48.842946	-86.922006	56836.45	56250.9	-0.94	56835.51	56829.96875	57236.27130	57197.51172	505722.6	5410000.1
L5720.1	505722.6	5410000.1	13294.40039	425.03	0	48.842946	-86.922006	56839.12	56250.9	-0.94	56838.18	56832.70313	57241.60934	57202.76563	505722.6	5410000.1
L5720.1	505722.5	5410001.5	13294.50000	424.80	0	48.842960	-86.922007	56841.39	56250.9	-0.94	56840.44	56835.02734	57237.59989	57198.68359	505722.5	5410001.5
L5720.1	505722.5	5410002.5	13294.59961	423.22	0	48.842969	-86.922007	56843.76	56250.9	-0.95	56842.81	56837.46484	57238.65423	57199.68359	505722.5	5410002.5
L5720.1	505722.5	5410002.5	13294.70020	424.95	0	48.842969	-86.922007	56845.92	56251	-0.95	56844.97	56839.68750	57235.88782	57196.87891	505722.5	5410002.5
L5720.1	505722.5	5410004.0	13294.79981	424.91	0	48.842982	-86.922007	56848.21	56251	-0.95	56847.25	56842.03516	57238.43956	57199.41016	505722.5	5410004.0
L5720.1	505722.5	5410005.2	13294.90039	426.62	0	48.842993	-86.922007	56850.43	56251	-0.96	56849.47	56844.32031	57241.30383	57202.27344	505722.5	5410005.2
L5720.1	505722.5	5410006.5	13295.00000	425.13	0	48.843005	-86.922007	56852.36	56251	-0.96	56851.40	56846.31641	57238.08677	57199.07422	505722.5	5410006.5
L5720.1	505722.5	5410007.8	13295.09961	426.75	0	48.843016	-86.922008	56854.52	56251	-0.96	56853.57	56848.55078	57243.46848	57204.49219	505722.5	5410007.8
L5720.1	505722.5	5410007.8	13295.20020	425.09	0	48.843016	-86.922008	56856.22	56251	-0.95	56855.27	56850.31641	57237.74090	57198.82031	505722.5	5410007.8
L5720.1	505722.5	5410009.6	13295.29981	422.91	0	48.843033	-86.922008	56858.13	56251	-0.95	56857.18	56852.29297	57239.74058	57200.89844	505722.5	5410009.6
L5720.1	505722.5	5410009.6	13295.40039	422.83	0	48.843033	-86.922008	56859.86	56250.9	-0.95	56858.91	56854.08984	57238.63023	57199.88672	505722.5	5410009.6
L5720.1	505722.4	5410010.6	13295.50000	423.13	0	48.843041	-86.922008	56861.60	56250.9	-0.94	56860.66	56855.90625	57239.93237	57201.30469	505722.4	5410010.6
L5720.1	505722.4	5410011.8	13295.59961	420.02	0	48.843052	-86.922008	56863.18	56250.9	-0.94	56862.23	56857.54297	57238.07560	57199.58984	505722.4	5410011.8
L5720.1	505722.4	5410013.1	13295.70020	418.48	0	48.843064	-86.922008	56864.93	56250.9	-0.94	56863.99	56859.37109	57243.29377	57204.96875	505722.4	5410013.1
L5720.1	505722.4	5410013.1	13295.79981	420.64	0	48.843064	-86.922008	56866.21	56250.9	-0.94	56865.28	56860.72656	57237.25629	57199.11328	505722.4	5410013.1
L5720.1	505722.4	5410014.2	13295.90039	421.04	0	48.843074	-86.922008	56867.96	56250.9	-0.93	56867.02	56862.53516	57245.44630	57207.51172	505722.4	5410014.2
L5720.1	505722.4	5410015.1	13296.00000	421.95	0	48.843082	-86.922008	56869.18	56250.9	-0.93	56868.25	56863.83203	57241.21117	57203.50391	505722.4	5410015.1
L5720.1	505722.4	5410016.0	13296.09961	422.25	0	48.843089	-86.922008	56870.69	56250.9	-0.93	56869.76	56865.41016	57246.42639	57208.97266	505722.4	5410016.0
L5720.1	505722.4	5410016.0	13296.20020	422.68	0	48.843089	-86.922008	56871.75	56250.9	-0.93	56870.81	56866.52734	57240.53763	57203.35938	505722.4	5410016.0
L5720.1	505722.4	5410017.1	13296.20020	422.68	0	48.843100	-86.922008	56872.98	56250.9	-0.93	56872.05	56867.83594	57241.53559	57204.65625	505722.4	5410017.1
L5720.1	505722.4	5410018.2	13296.40039	424.55	0	48.843110	-86.922008	56874.04	56250.9	-0.93	56873.10	56868.95313	57238.84679	57202.29297	505722.4	5410018.2
L5720.1	505722.4	5410019.3	13296.50000	425.42	0	48.843120	-86.922009	56874.96	56250.9	-0.93	56874.03	56869.95313	57234.37569	57198.17188	505722.4	5410019.3
L5720.1	505722.4	5410019.3	13296.59961	427.83	0	48.843120	-86.922009	56875.92	56250.9	-0.94	56874.99	56870.98047	57232.24415	57196.41406	505722.4	5410019.3
L5720.1	505722.4	5410020.2	13296.70020	425.20	0	48.843128	-86.922009	56876.90	56250.9	-0.94	56875.96	56872.01563	57231.85882	57196.42578	505722.4	5410020.2
L5720.1	505722.4	5410020.2	13296.79981	424.07	0	48.843128	-86.922009	56877.85	56250.9	-0.94	56876.91	56873.03516	57232.34806	57197.33984	505722.4	5410020.2
L5720.1	505722.4	5410021.5	13296.90039	425.96	0	48.843139	-86.922009	56878.60	56250.9	-0.94	56877.66	56873.85156	57228.67976	57194.12109	505722.4	5410021.5
L5720.1	505722.4	5410022.4	13297.00000	423.59	0	48.843148	-86.922009	56879.42	56250.9	-0.94	56878.48	56874.74219	57228.29997	57194.21875	505722.4	5410022.4
L5720.1	505722.3	5410023.3	13297.09961	423.47	0	48.843156	-86.922009	56880.25	56250.9	-0.94	56879.31	56875.64063	57229.50272	57195.92578	505722.3	5410023.3
L5720.1	505722.3	5410024.3	13297.20020	425.03	0	48.843165	-86.922009	56880.84	56250.9	-0.94	56879.90	56876.29688	57225.31251	57192.26172	505722.3	5410024.3
L5720.1	505722.3	5410024.3	13297.29981	424.87	0	48.843165	-86.922009	56881.25	56250.9	-0.94	56880.31	56876.77344	57217.34979	57184.85156	505722.3	5410024.3
L5720.1	505722.3	5410025.4	13297.40039	423.33	0	48.843174	-86.922010	56881.62	56250.9	-0.94	56880.67	56877.20313	57209.17570	57177.26172	505722.3	5410025.4

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5720.1	505722.3	5410026.5	13297.50000	426.51	0	48.843185	-86.922010	56882.02	56250.9	-0.94	56881.08	56877.67969	57203.51891	57172.21094	505722.3	5410026.5
L5720.1	505722.2	5410027.4	13297.59961	424.43	0	48.843192	-86.922010	56882.31	56250.9	-0.95	56881.36	56878.02734	57195.34300	57164.67188	505722.2	5410027.4
L5720.1	505722.2	5410027.4	13297.70020	424.10	0	48.843192	-86.922010	56882.64	56250.9	-0.95	56881.70	56878.43750	57189.87166	57159.85938	505722.2	5410027.4
L5720.1	505722.2	5410028.2	13297.79981	424.55	0	48.843200	-86.922011	56882.88	56250.9	-0.95	56881.93	56878.73438	57182.34513	57153.01953	505722.2	5410028.2
L5720.1	505722.2	5410029.3	13297.90039	427.61	0	48.843210	-86.922011	56883.11	56250.9	-0.95	56882.16	56879.03125	57175.76811	57147.15625	505722.2	5410029.3
L5720.1	505722.2	5410029.3	13298.00000	428.05	0	48.843210	-86.922011	56883.39	56250.9	-0.95	56882.44	56879.37891	57171.48130	57143.61328	505722.2	5410029.3
L5720.1	505722.2	5410030.2	13298.09961	426.97	0	48.843217	-86.922011	56883.49	56250.9	-0.95	56882.54	56879.54688	57163.06057	57135.96094	505722.2	5410030.2
L5720.1	505722.2	5410031.1	13298.20020	424.10	0	48.843225	-86.922011	56883.52	56250.9	-0.95	56882.57	56879.64453	57153.51039	57127.20313	505722.2	5410031.1
L5720.1	505722.2	5410031.1	13298.20020	424.10	0	48.843225	-86.922011	56883.64	56250.9	-0.95	56882.70	56879.84375	57147.49908	57122.01563	505722.2	5410031.1
L5720.1	505722.1	5410032.8	13298.40039	426.00	0	48.843241	-86.922012	56883.49	56250.9	-0.95	56882.54	56879.75000	57134.16570	57109.52734	505722.1	5410032.8
L5720.1	505722.1	5410032.8	13298.50000	426.11	0	48.843241	-86.922012	56883.54	56250.9	-0.94	56882.60	56879.87891	57127.60746	57103.84375	505722.1	5410032.8
L5720.1	505722.1	5410033.4	13298.59961	427.10	0	48.843246	-86.922012	56883.65	56250.9	-0.94	56882.70	56880.04688	57122.78736	57099.92578	505722.1	5410033.4
L5720.1	505722.1	5410034.3	13298.70020	425.95	0	48.843255	-86.922012	56883.72	56250.9	-0.94	56882.78	56880.19531	57117.99642	57096.06250	505722.1	5410034.3
L5720.1	505722.1	5410035.1	13298.79981	424.71	0	48.843261	-86.922012	56883.52	56250.9	-0.94	56882.58	56880.06250	57105.97985	57084.99609	505722.1	5410035.1
L5720.1	505722.1	5410035.1	13298.90039	426.59	0	48.843261	-86.922012	56883.46	56250.9	-0.94	56882.52	56880.06641	57098.34040	57078.33594	505722.1	5410035.1
L5720.1	505722.1	5410036.0	13299.00000	429.74	0	48.843270	-86.922012	56883.34	56250.9	-0.94	56882.40	56880.01563	57089.48805	57070.48828	505722.1	5410036.0
L5720.1	505722.1	5410036.0	13299.09961	427.73	0	48.843270	-86.922012	56883.06	56250.9	-0.94	56882.12	56879.80469	57076.60647	57058.63672	505722.1	5410036.0
L5720.1	505722.1	5410037.0	13299.20020	427.91	0	48.843278	-86.922013	56882.62	56250.9	-0.94	56881.68	56879.42969	57059.65303	57042.73438	505722.1	5410037.0
L5720.1	505722.1	5410037.6	13299.29981	428.09	0	48.843284	-86.922013	56882.23	56250.9	-0.94	56881.29	56879.10547	57044.40932	57028.57031	505722.1	5410037.6
L5720.1	505722.0	5410038.1	13299.40039	426.01	0	48.843289	-86.922013	56882.16	56250.9	-0.94	56881.22	56879.10547	57038.32152	57023.58203	505722.0	5410038.1
L5720.1	505722.0	5410038.1	13299.50000	423.34	0	48.843289	-86.922013	56882.05	56250.9	-0.94	56881.12	56879.07031	57031.64334	57018.03125	505722.0	5410038.1
L5720.1	505722.0	5410038.8	13299.59961	422.96	0	48.843295	-86.922013	56881.71	56250.9	-0.93	56880.78	56878.79688	57018.51167	57006.05078	505722.0	5410038.8
L5720.1	505722.0	5410039.7	13299.70020	422.18	0	48.843303	-86.922013	56881.40	56250.9	-0.93	56880.47	56878.55469	57006.37523	56995.08984	505722.0	5410039.7
L5720.1	505722.0	5410039.7	13299.79981	423.86	0	48.843303	-86.922013	56880.89	56250.9	-0.93	56879.96	56878.11328	56988.81814	56978.72656	505722.0	5410039.7
L5720.1	505722.0	5410040.6	13299.90039	423.37	0	48.843311	-86.922013	56880.53	56250.9	-0.93	56879.60	56877.82031	56975.50954	56966.63672	505722.0	5410040.6
L5720.1	505722.0	5410041.2	13300.00000	423.02	0	48.843316	-86.922013	56880.40	56250.9	-0.93	56879.47	56877.75391	56968.63223	56961.00000	505722.0	5410041.2
L5720.1	505722.0	5410041.7	13300.09961	421.23	0	48.843321	-86.922013	56880.20	56250.9	-0.93	56879.26	56877.61328	56959.55497	56953.18750	505722.0	5410041.7
L5720.1	505722.0	5410041.7	13300.20020	423.16	0	48.843321	-86.922013	56879.63	56250.9	-0.93	56878.70	56877.11719	56940.75689	56935.67188	505722.0	5410041.7
L5720.1	505722.0	5410042.2	13300.20020	423.16	0	48.843325	-86.922013	56879.50	56250.9	-0.93	56878.57	56877.05469	56933.83592	56930.05078	505722.0	5410042.2
L5720.1	505722.0	5410042.7	13300.40039	418.59	0	48.843330	-86.922013	56879.17	56250.9	-0.94	56878.23	56876.78125	56921.01306	56918.55078	505722.0	5410042.7
L5720.1	505722.0	5410042.7	13300.50000	422.53	0	48.843330	-86.922013	56878.52	56250.9	-0.94	56877.58	56876.19922	56899.48534	56898.36719	505722.0	5410042.7
L5720.1	505722.1	5410043.4	13300.59961	423.70	0	48.843336	-86.922012	56878.52	56250.9	-0.94	56877.58	56876.26563	56895.84601	56896.08984	505722.1	5410043.4
L5720.1	505722.1	5410043.9	13300.70020	421.50	0	48.843341	-86.922012	56878.12	56250.9	-0.94	56877.17	56875.92188	56880.67285	56882.29297	505722.1	5410043.9
L5720.1	505722.1	5410044.5	13300.79981	421.74	0	48.843346	-86.922012	56877.85	56250.9	-0.95	56876.91	56875.72656	56869.46929	56872.48438	505722.1	5410044.5
L5720.1	505722.1	5410044.9	13300.90039	422.63	0	48.843350	-86.922012	56877.46	56250.9	-0.95	56876.52	56875.40234	56854.44603	56858.87500	505722.1	5410044.9
L5720.1	505722.1	5410044.9	13301.00000	421.47	0	48.843350	-86.922012	56876.95	56250.9	-0.95	56876.00	56874.94922	56835.57985	56841.44141	505722.1	5410044.9
L5720.1	505722.1	5410044.9	13301.09961	423.78	0	48.843350	-86.922012	56876.74	56250.9	-0.95	56875.79	56874.80469	56825.05059	56832.35547	505722.1	5410044.9
L5720.1	505722.1	5410045.5	13301.20020	426.73	0	48.843355	-86.922012	56876.21	56250.9	-0.95	56875.26	56874.33984	56805.36727	56814.13281	505722.1	5410045.5
L5720.1	505722.1	5410046.0	13301.29981	426.92	0	48.843359	-86.922012	56876.05	56250.9	-0.95	56875.10	56874.24609	56795.64533	56805.88281	505722.1	5410046.0
L5720.1	505722.1	5410046.4	13301.40039	426.15	0	48.843364	-86.922012	56875.48	56250.9	-0.95	56874.53	56873.74219	56774.23697	56785.96484	505722.1	5410046.4
L5720.1	505722.1	5410046.8	13301.50000	425.80	0	48.843367	-86.922012	56875.02	56250.9	-0.95	56874.07	56873.34766	56755.54626	56768.77344	505722.1	5410046.8
L5720.1	505722.1	5410046.8	13301.59961	427.45	0	48.843367	-86.922012	56874.53	56250.9	-0.95	56873.58	56872.92578	56735.67619	56750.41797	505722.1	5410046.8
L5720.1	505722.1	5410047.3	13301.70020	423.39	0	48.843371	-86.922012	56873.98	56250.9	-0.95	56873.03	56872.44141	56713.78160	56730.04688	505722.1	5410047.3
L5720.1	505722.1	5410047.7	13301.79981	425.59	0	48.843375	-86.922012	56873.78	56250.9	-0.95	56872.83	56872.30469	56701.22050	56719.01563	505722.1	5410047.7
L5720.1	505722.1	5410047.7	13301.90039	426.41	0	48.843375	-86.922012	56873.32	56250.9	-0.95	56872.37	56871.91016	56681.06661	56700.40625	505722.1	5410047.7
L5720.1	505722.1	5410048.1	13302.00000	425.37	0	48.843379	-86.922012	56873.21	56250.9	-0.95	56872.26	56871.86719	56670.22702	56691.12109	505722.1	5410048.1
L5720.1	505722.1	5410048.4	13302.09961	426.26	0	48.843381	-86.922013	56872.55	56251	-0.95	56871.60	56871.27344	56643.73633	56666.19141	505722.1	5410048.4
L5720.1	505722.0	5410048.7	13302.20020	426.15	0	48.843384	-86.922013	56872.39	56251	-0.95	56871.44	56871.17969	56630.70616	56654.73047	505722.0	5410048.7
L5720.1	505722.0	5410048.7	13302.20020	426.15	0	48.843384	-86.922013	56871.52	56251	-0.95	56870.57	56870.37500	56597.57729	56623.17578	505722.0	5410048.7
L5720.1	505722.0	5410049.0	13302.40039	423.85	0	48.843387	-86.922013	56871.46	56251	-0.95	56870.51	56870.37891	56586.49774	56613.67578	505722.0	5410049.0
L5720.1	505722.0	5410049.4	13302.50000	424.42	0	48.843390	-86.922014	56870.90	56251	-0.96	56869.94	56869.87500	56560.86063	56589.62500	505722.0	5410049.4
L5720.1	505722.0	5410049.4	13302.59961	425.37	0	48.843390	-86.922014	56870.62	56251	-0.96	56869.67	56869.67188	56543.12764	56573.48438	505722.0	5410049.4
L5720.1	505721.9	5410049.6	13302.70020	426.08	0	48.843393	-86.922014	56870.20	56251	-0.96	56869.25	56869.31641	56520.82059	56552.76953	505721.9	5410049.6
L5720.1	505721.9	5410049.9	13302.79981	423.64	0	48.843395	-86.922014	56869.62	56251	-0.96	56868.66	56868.78906	56493.38696	56526.92969	505721.9	5410049.9
L5720.1	505721.9	5410050.1	13302.90039	423.86	0	48.843397	-86.922015	56869.25	56251	-0.96	56868.29	56868.48438	56471.64524	56506.78516	505721.9	5410050.1
L5720.1	505721.9	5410050.1	13303.00000	421.88	0	48.843397	-86.922015	56868.86	56251	-0.96	56867.90	56868.16016	56448.94459	56485.68359	505721.9	5410050.1
L5770.0	505772.1	5408567.9	9100.90039	346.85	0	48.830062	-86.921352	56095.71	56251.4	-1.40	56094.31	56110.49219	56018.34135	56027.08594	505772.1	5408567.9
L5770.0	505772.1	5408568.1	9101.00000	362.55	0	48.830065	-86.921351	56095.78	56251.4	-1.40	56094.38	56110.26563	56013.68111	56022.32422	505772.1	5408568.1
L5770.0	505772.1	5408568.3	9101.09961	363.89	0	48.830066	-86.921351	56096.12	56251.4	-1.40	56094.72	56110.30469	56015.24262	56023.78125	505772.1	5408568.3
L5770.0	505772.1	5408568.3	9101.20020	363.09	0	48.830066	-86.921351	56096.39	56251.4	-1.39	56094.99	56110.27734	56014.61400	56023.04688	505772.1	5408568.3
L5770.0	505772.1	5408568.6	9101.29981	362.10	0	48.830068	-86.921351	56096.59	56251.4	-1.39	56095.20	56110.19141	56012.02746	56020.35547	505772.1	5408568.6
L5770.0	505772.1	5408568.6	9101.40039	364.59	0	48.830068	-86.921351	56096.69	56251.4	-1.39	56095.30	56109.99219	56006.23358	56014.45703	505772.1	5408568.6
L5770.0	505772.1	5408568.9	9101.50000	365.28	0	48.830071	-86.921351	56096.77	56251.4	-1.39	56095.39	56109.78125	55999.68771	56007.80469	505772.1	5408568.9
L5770.0	505772.1	5408569.1	9101.59961	363.12	0	48.830073	-86.921351	56097.06	56251.4	-1.38	56095.68	56109.77344	55997.56210	56005.57031	505772.1	5408569.1
L5770.0	505772.1	5408569.4	9101.70020	364.12	0	48.830076	-86.921351	56097.21	56251.4	-1.38	56095.83	56109.62500	55991.44604	55999.34375	505772.1	5408569.4
L5770.0	505772.1	5408569.4	9101.79981	362.55	0	48.830076	-86.921351	56097.80	56251.4	-1.38	56096.42	56109.91797	55995.65026	56003.43359	505772.1	5408569.4
L5770.0	505772.1	5408569.6	9101.79981	362.55	0	48.830078	-86.921351	56098.49	56251.4	-1.38	56097.12	56110.32031	56002.01170	56009.67969	505772.1	5408569.6
L5770.0	505772.1	5408570.0	9102.00000	364.65	0	48.830081	-86.921351	56099.14	56251.4	-1.37	56097.77	56110.67188	56006.56616	56014.11719	505772.1	5408570.0
L5770.0	505772.1	5408570.0	9102.09961	365.73	0	48.830081	-86.921351	56099.90	56251.4	-1.37	56098.53	56111.13281	56013.25284	56020.68359	505772.1	5408570.0
L5770.0	505772.1	5408570.3	9102.20020	365.75	0	48.830084	-86.921352	56100.54	56251.4	-1.37	56099.17	56111.47656	56016.37963	56023.68359	505772.1	5408570.3
L5770.0	505772.0	5408570.6	9102.29981	365.21	0	48.830087	-86.921352	56101.50	56251.4	-1.36	56100.14	56112.14844	56027.04876	56034.22266	505772.0	5408570.6
L5770.0	505772.0	5408570.6	9102.40039	365.43	0	48.830087	-86.921352	56102.20	56251.4	-1.36	56100.84	56112.55078	56030.43127	56037.47266	505772.0	5408570.6
L5770.0	505772.0	5408571.2	9102.50000	364.06	0	48.830092	-86.921353	56103.24	56251.4	-1.36	56101.88	56113.29297	56041.58193	56048.48828	505772.0	5408571.2
L5770.0	505772.0	5408571.2	9102.59961	367.31	0	48.830092	-86.921353	56103.82	56251.4	-1.36	56102.46	56113.57422	56040.73349	56047.50000	505772.0	5408571.2
L5770.0	505771.9	5408571.7	9102.70020	368.25	0	48.830096	-86.921354	56104.99	56251.4	-1.36	56103.64	56114.45703	56054.05546	56060.67578	505771.9	5408571.7
L5770.0	505771.9	5408572.1	9102.79981	365.96	0	48.830100	-86.921354	56105.42	56251.4	-1.35	56104.06	56114.57813	56047.95157	56054.42188	505771.9	5408572.1
L5770.0	505771.9	5408572.1	9102.90039	364.91	0	48.830100	-86.921354	56106.25	56251.4	-1.35	56104.89	56115.11328	56051.30921	56057.62500	505771.9	5408572.1
L5770.0	505771.8	5408572.4	9103.00000	364.32	0	48.830103	-86.921355	56107.07	56251.3	-1.35	56105.72	56115.64453	56053.99541	56060.15234	505771.8	5408572.4
L5770.0	505771.8	5408573.0	9103.09961	363.85	0	48.830108	-86.921356	56107.77	56251.4	-1.35	56106.42	56116.04688	56052.79301	56058.78125	505771.8	5408573.0
L5770.0	505771.8	5408573.0	9103.20020	364.14	0	48.830108	-86.921356	56108.43	56251.4	-1.35	56107.07	56116.40234	56049.67186	56055.48828	505771.8	5408573.0
L5770.0	505771.7	5408573.6	9103.29981	362.58	0	48.830113	-86.921357	56108.81	56251.4	-1.35	56107.46	56116.49219	56039.44047	56045.07813	505771.7	5408573.6
L5770.0	505771.7	5408574.1	9103.40039	362.92	0	48.830118	-86.921357	56109.06	56251.4	-1.35	56107.71	56116.44531	56025.05801	56030.51172	505771.7	5408574.1
L5770.0	505771.6	5408574.5	9103.50000	361.56	0	48.830122	-86.921358	56109.57	56251.4	-1.35	56108.22	56116.66016	56016.39955	56021.66406	505771.6	5408574.5
L5770.0	505771.6	5408574.5	9103.59961	362.97	0	48.830122	-86.921358	56110.47	56251.4	-1.36	56109.12	56117.26563	56016.67275	56021.73828	505771.6	5408574.5
L5770.0	505771.6	5408575.1	9103.70020	365.02	0	48.830128	-86.921358	56111.04	56251.4	-1.36	56109.68	56117.52734	56007.84676	56012.70703	505771.6	5408575.1
L5770.0	505771.6	5408575.7	9103.79981	365.74	0	48.830133	-86.921359	56112.25	56251.4	-1.36	56110.89	56118.44141	56014.37010	56019.01953	505771.6	5408575.7
L5770.0	505771.6	5408575.7	9103.79981	365.74	0	48.830133	-86.921359	56112.81	56251.4	-1.36	56111.45	56118.70703	56004.13629	56008.56641	505771.6	5408575.7
L5770.0	505771.5	5408576.4	9104.00000	367.25	0	48.830139	-86.921359	56113.54	56251.4	-1.36	56112.18	56119.14063	55997.39698	56001.60156	505771.5	5408576.4
L5770.0	505771.5	5408576.4	9104.09961	366.81	0	48.830139	-86.921359	56115.08	56251.4	-1.36	56113.72	56120.38281	56009.95919	56013.92578	505771.5	5408576.4
L5770.0	505771.5	5408577.7	9104.20020	365.95	0	48.830150	-86.921360	56116.27	56251.4	-1.36	56114.90	56121.26953	56012.92944	56016.65234	505771.5	5408577.7
L5770.0	505771.5	5408577.7	9104.29981	366.30	0	48.830150	-86.921360	56117.79	56251.4	-1.36	56116.43	56122.50391	56023.84517	56027.32031	505771.5	5408577.7
L5770.0	505771.5	5408578.4	9104.40039	364.91	0	48.830157	-86.921360	56118.97	56251.4	-1.36	56117.61	56123.38672	56025.42204	56028.63672	505771.5	5408578.4
L5770.0	505771.5	5408579.1	9104.50000	363.78	0	48.830164	-86.921359	56120.09	56251.4	-1.37	56118.72	56124.20313	56024.57946	56027.52734	505771.5	5408579.1

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5770.0	505771.5	5408579.1	9104.59961	360.97	0	48.830164	-86.921359	56121.63	56251.4	-1.37	56120.26	56125.44922	56033.67093	56036.34375	505771.5	5408579.1
L5770.0	505771.5	5408579.7	9104.70020	359.63	0	48.830168	-86.921359	56123.07	56251.4	-1.37	56121.71	56126.60156	56039.85999	56042.24609	505771.5	5408579.7
L5770.0	505771.5	5408580.5	9104.79981	361.52	0	48.830176	-86.921359	56124.27	56251.4	-1.37	56122.90	56127.50000	56038.95487	56041.04688	505771.5	5408580.5
L5770.0	505771.5	5408580.5	9104.90039	360.78	0	48.830176	-86.921359	56125.45	56251.4	-1.37	56124.08	56128.38281	56037.13725	56038.92578	505771.5	5408580.5
L5770.0	505771.6	5408581.5	9105.00000	361.14	0	48.830185	-86.921358	56127.13	56251.4	-1.37	56125.76	56129.76953	56047.01078	56048.48828	505771.6	5408581.5
L5770.0	505771.6	5408582.0	9105.09961	362.40	0	48.830189	-86.921358	56128.79	56251.4	-1.37	56127.43	56131.14453	56055.98909	56057.14453	505771.6	5408582.0
L5770.0	505771.7	5408582.8	9105.20020	362.28	0	48.830196	-86.921357	56130.16	56251.4	-1.36	56128.79	56132.21094	56056.67290	56057.49609	505771.7	5408582.8
L5770.0	505771.7	5408582.8	9105.29981	360.89	0	48.830196	-86.921357	56131.63	56251.4	-1.36	56130.26	56133.38672	56059.44542	56059.92578	505771.7	5408582.8
L5770.0	505771.7	5408583.6	9105.40039	360.65	0	48.830204	-86.921357	56133.21	56251.4	-1.36	56131.86	56134.69531	56064.81182	56064.94141	505771.7	5408583.6
L5770.0	505771.7	5408584.3	9105.50000	359.37	0	48.830211	-86.921356	56134.33	56251.4	-1.35	56132.98	56135.51953	56057.71898	56057.48828	505771.7	5408584.3
L5770.0	505771.7	5408584.3	9105.59961	357.93	0	48.830211	-86.921356	56136.06	56251.4	-1.35	56134.71	56136.95703	56065.09909	56064.50000	505771.7	5408584.3
L5770.0	505771.8	5408585.3	9105.70020	357.92	0	48.830219	-86.921356	56137.54	56251.3	-1.35	56136.19	56138.14453	56065.72618	56064.74219	505771.8	5408585.3
L5770.0	505771.8	5408586.1	9105.79981	362.13	0	48.830226	-86.921355	56139.23	56251.3	-1.35	56137.89	56139.55078	56071.22172	56069.84766	505771.8	5408586.1
L5770.0	505771.8	5408586.1	9105.79981	362.13	0	48.830226	-86.921355	56140.84	56251.3	-1.35	56139.49	56140.85938	56073.69730	56071.92188	505771.8	5408586.1
L5770.0	505771.8	5408587.2	9106.00000	364.83	0	48.830236	-86.921355	56142.40	56251.3	-1.34	56141.06	56142.13672	56074.89688	56072.71094	505771.8	5408587.2
L5770.0	505771.8	5408588.0	9106.09961	365.71	0	48.830243	-86.921355	56144.57	56251.3	-1.34	56143.23	56144.01563	56090.39523	56087.78906	505771.8	5408588.0
L5770.0	505771.8	5408588.0	9106.20020	363.78	0	48.830243	-86.921355	56145.96	56251.3	-1.34	56144.62	56145.11328	56086.12702	56083.08594	505771.8	5408588.0
L5770.0	505771.8	5408588.8	9106.29981	364.41	0	48.830250	-86.921355	56147.89	56251.3	-1.34	56146.54	56146.74219	56094.46194	56090.98047	505771.8	5408588.8
L5770.0	505771.8	5408589.4	9106.40039	367.55	0	48.830256	-86.921355	56149.66	56251.3	-1.34	56148.32	56148.23047	56098.87044	56094.93750	505771.8	5408589.4
L5770.0	505771.8	5408589.4	9106.50000	366.36	0	48.830256	-86.921355	56151.68	56251.3	-1.34	56150.34	56149.95703	56108.75512	56104.35938	505771.8	5408589.4
L5770.0	505771.8	5408590.5	9106.59961	362.71	0	48.830265	-86.921355	56153.35	56251.3	-1.35	56152.00	56151.32422	56109.31612	56104.44531	505771.8	5408590.5
L5770.0	505771.8	5408591.4	9106.70020	362.53	0	48.830274	-86.921355	56155.28	56251.3	-1.35	56153.93	56152.96484	56116.13111	56110.77734	505771.8	5408591.4
L5770.0	505771.8	5408592.5	9106.79981	363.90	0	48.830284	-86.921355	56156.69	56251.3	-1.35	56155.34	56154.08203	56109.70860	56103.85938	505771.8	5408592.5
L5770.0	505771.8	5408592.5	9106.90039	364.46	0	48.830284	-86.921355	56159.00	56251.3	-1.35	56157.65	56156.10156	56125.13751	56118.78125	505771.8	5408592.5
L5770.0	505771.8	5408593.6	9107.00000	362.47	0	48.830294	-86.921355	56161.04	56251.3	-1.35	56159.69	56157.85156	56133.54223	56126.67188	505771.8	5408593.6
L5770.0	505771.8	5408594.5	9107.09961	362.28	0	48.830302	-86.921355	56162.68	56251.3	-1.35	56161.33	56159.20313	56131.73216	56124.33594	505771.8	5408594.5
L5770.0	505771.8	5408594.5	9107.20020	363.33	0	48.830302	-86.921355	56164.77	56251.3	-1.35	56163.42	56161.00000	56140.71988	56132.78906	505771.8	5408594.5
L5770.0	505771.8	5408595.9	9107.29981	361.84	0	48.830315	-86.921355	56166.88	56251.3	-1.35	56165.53	56162.82031	56149.90621	56141.42578	505771.8	5408595.9
L5770.0	505771.8	5408595.9	9107.40039	363.01	0	48.830315	-86.921355	56168.73	56251.3	-1.35	56167.39	56164.39063	56152.64370	56143.60938	505771.8	5408595.9
L5770.0	505771.8	5408597.1	9107.50000	364.33	0	48.830325	-86.921356	56170.78	56251.3	-1.35	56169.43	56166.14063	56159.57281	56149.97266	505771.8	5408597.1
L5770.0	505771.7	5408598.1	9107.59961	364.87	0	48.830334	-86.921356	56172.56	56251.3	-1.34	56171.22	56167.64453	56160.09489	56149.91797	505771.7	5408598.1
L5770.0	505771.7	5408599.0	9107.70020	365.22	0	48.830343	-86.921356	56174.52	56251.3	-1.34	56173.18	56169.31250	56164.60366	56153.83984	505771.7	5408599.0
L5770.0	505771.7	5408599.0	9107.79981	365.09	0	48.830343	-86.921356	56176.70	56251.3	-1.34	56175.36	56171.20313	56174.35512	56162.99219	505771.7	5408599.0
L5770.0	505771.7	5408600.1	9107.79981	365.09	0	48.830353	-86.921356	56178.58	56251.3	-1.34	56177.24	56172.79688	56176.52810	56164.55859	505771.7	5408600.1
L5770.0	505771.7	5408601.3	9108.00000	363.09	0	48.830363	-86.921356	56180.57	56251.3	-1.34	56179.23	56174.49609	56181.26950	56168.68359	505771.7	5408601.3
L5770.0	505771.7	5408601.3	9108.09961	361.84	0	48.830363	-86.921356	56182.54	56251.3	-1.34	56181.20	56176.17578	56185.38989	56172.17969	505771.7	5408601.3
L5770.0	505771.7	5408602.3	9108.20020	363.88	0	48.830372	-86.921356	56184.54	56251.3	-1.34	56183.20	56177.89063	56190.14526	56176.29688	505771.7	5408602.3
L5770.0	505771.7	5408603.3	9108.29981	363.73	0	48.830381	-86.921356	56186.49	56251.3	-1.33	56185.16	56179.56250	56193.82786	56179.33203	505771.7	5408603.3
L5770.0	505771.7	5408603.3	9108.40039	361.82	0	48.830381	-86.921356	56188.56	56251.3	-1.33	56187.23	56181.34375	56200.16318	56185.01563	505771.7	5408603.3
L5770.0	505771.7	5408604.4	9108.50000	362.43	0	48.830391	-86.921356	56190.58	56251.3	-1.33	56189.25	56183.07422	56205.22053	56189.41016	505771.7	5408604.4
L5770.0	505771.7	5408605.4	9108.59961	361.67	0	48.830400	-86.921356	56192.48	56251.3	-1.33	56191.16	56184.69531	56207.53875	56191.05469	505771.7	5408605.4
L5770.0	505771.7	5408606.4	9108.70020	360.77	0	48.830409	-86.921356	56194.79	56251.3	-1.33	56193.46	56186.71094	56219.48674	56202.32031	505771.7	5408606.4
L5770.0	505771.7	5408606.4	9108.79981	361.29	0	48.830409	-86.921356	56196.58	56251.3	-1.32	56195.25	56188.21094	56218.85761	56201.00000	505771.7	5408606.4
L5770.0	505771.7	5408608.6	9108.90039	363.26	0	48.830428	-86.921356	56198.75	56251.3	-1.32	56197.43	56190.10547	56227.89853	56209.34375	505771.7	5408608.6
L5770.0	505771.7	5408608.6	9109.00000	361.94	0	48.830428	-86.921356	56200.53	56251.3	-1.32	56199.21	56191.59766	56227.11878	56207.85547	505771.7	5408608.6
L5770.0	505771.8	5408609.9	9109.09961	360.93	0	48.830440	-86.921356	56202.55	56251.3	-1.32	56201.23	56193.33203	56232.34383	56212.36719	505771.8	5408609.9
L5770.0	505771.8	5408609.9	9109.20020	360.74	0	48.830440	-86.921356	56204.58	56251.3	-1.32	56203.26	56195.07422	56237.91262	56217.21094	505771.8	5408609.9
L5770.0	505771.8	5408611.1	9109.29981	360.44	0	48.830451	-86.921355	56206.68	56251.3	-1.32	56205.36	56196.88672	56245.32582	56223.89453	505771.8	5408611.1
L5770.0	505771.8	5408612.3	9109.40039	363.93	0	48.830462	-86.921355	56208.63	56251.3	-1.32	56207.31	56198.55078	56249.16867	56226.99609	505771.8	5408612.3
L5770.0	505771.8	5408612.3	9109.50000	363.45	0	48.830462	-86.921355	56210.54	56251.3	-1.32	56209.22	56200.17578	56252.17602	56229.26172	505771.8	5408612.3
L5770.0	505771.8	5408613.4	9109.59961	363.45	0	48.830472	-86.921355	56212.56	56251.3	-1.32	56211.24	56201.91016	56258.07020	56234.40234	505771.8	5408613.4
L5770.0	505771.8	5408614.6	9109.70020	362.08	0	48.830483	-86.921354	56214.44	56251.3	-1.32	56213.12	56203.50391	56260.69442	56236.26563	505771.8	5408614.6
L5770.0	505771.8	5408615.7	9109.79981	364.67	0	48.830493	-86.921354	56216.63	56251.3	-1.32	56215.31	56205.40625	56271.17929	56245.98438	505771.8	5408615.7
L5770.0	505771.8	5408615.7	9109.79981	364.67	0	48.830493	-86.921354	56218.30	56251.3	-1.32	56216.98	56206.79297	56269.04304	56243.07422	505771.8	5408615.7
L5770.0	505771.9	5408617.2	9109.90039	364.78	0	48.830506	-86.921354	56220.03	56251.3	-1.32	56218.71	56208.23828	56268.62600	56241.87891	505771.9	5408617.2
L5770.0	505771.9	5408618.4	9110.00000	363.96	0	48.830517	-86.921354	56222.02	56251.3	-1.32	56220.70	56209.94141	56274.88328	56247.35547	505771.9	5408618.4
L5770.0	505771.9	5408618.4	9110.20020	365.11	0	48.830517	-86.921354	56224.02	56251.3	-1.32	56222.70	56211.65625	56281.65595	56253.33594	505771.9	5408618.4
L5770.0	505771.9	5408620.0	9110.20020	364.90	0	48.830531	-86.921353	56225.88	56251.3	-1.32	56224.55	56213.22266	56285.00735	56255.89063	505771.9	5408620.0
L5770.0	505771.9	5408621.1	9110.40039	363.89	0	48.830541	-86.921353	56227.96	56251.3	-1.32	56226.64	56215.02734	56294.58360	56264.66406	505771.9	5408621.1
L5770.0	505771.9	5408621.1	9110.50000	363.07	0	48.830541	-86.921353	56229.29	56251.3	-1.32	56227.96	56216.06250	56285.45476	56254.73438	505771.9	5408621.1
L5770.0	505771.9	5408622.3	9110.59961	365.41	0	48.830552	-86.921353	56231.23	56251.3	-1.33	56229.91	56217.73047	56292.20982	56260.67969	505771.9	5408622.3
L5770.0	505771.9	5408623.5	9110.70020	365.41	0	48.830562	-86.921353	56232.98	56251.3	-1.33	56231.66	56219.19531	56294.36331	56262.01563	505771.9	5408623.5
L5770.0	505771.9	5408623.5	9110.79981	365.20	0	48.830562	-86.921353	56234.96	56251.3	-1.33	56233.63	56220.88281	56302.30032	56269.13281	505771.9	5408623.5
L5770.0	505771.9	5408624.9	9110.90039	363.60	0	48.830575	-86.921353	56236.98	56251.3	-1.33	56235.65	56222.61719	56311.83433	56277.84375	505771.9	5408624.9
L5770.0	505771.9	5408625.9	9111.00000	362.91	0	48.830584	-86.921353	56238.21	56251.3	-1.33	56236.88	56223.56641	56302.23140	56267.41797	505771.9	5408625.9
L5770.0	505771.9	5408627.4	9111.09961	365.14	0	48.830598	-86.921353	56240.14	56251.3	-1.33	56238.81	56225.21094	56310.30079	56274.66016	505771.9	5408627.4
L5770.0	505771.9	5408627.4	9111.20020	364.87	0	48.830598	-86.921353	56241.89	56251.3	-1.34	56240.56	56226.67969	56314.31970	56277.84766	505771.9	5408627.4
L5770.0	505771.9	5408627.4	9111.29981	366.53	0	48.830598	-86.921353	56243.67	56251.3	-1.34	56242.33	56228.16797	56319.23744	56281.92969	505771.9	5408627.4
L5770.0	505771.9	5408629.1	9111.40039	367.56	0	48.830613	-86.921354	56245.14	56251.3	-1.35	56243.79	56229.34375	56316.91351	56278.76953	505771.9	5408629.1
L5770.0	505771.9	5408630.1	9111.50000	367.35	0	48.830622	-86.921354	56247.14	56251.4	-1.35	56245.79	56231.06250	56328.34917	56289.36719	505771.9	5408630.1
L5770.0	505771.9	5408631.1	9111.59961	369.44	0	48.830631	-86.921354	56248.62	56251.4	-1.35	56247.26	56232.25000	56327.12727	56287.30469	505771.9	5408631.1
L5770.0	505771.9	5408632.2	9111.70020	369.22	0	48.830641	-86.921354	56249.98	56251.4	-1.36	56248.63	56233.33984	56323.87544	56283.21094	505771.9	5408632.2
L5770.0	505771.9	5408632.2	9111.79981	368.79	0	48.830641	-86.921354	56251.93	56251.4	-1.36	56250.56	56234.98828	56334.90108	56293.39453	505771.9	5408632.2
L5770.0	505771.8	5408633.9	9111.79981	368.79	0	48.830656	-86.921354	56253.21	56251.4	-1.36	56251.85	56235.99609	56330.57501	56288.22266	505771.8	5408633.9
L5770.0	505771.8	5408635.3	9112.00000	360.78	0	48.830669	-86.921354	56254.94	56251.4	-1.37	56253.57	56237.43359	56337.32940	56294.13672	505771.8	5408635.3
L5770.0	505771.8	5408635.3	9112.09961	358.53	0	48.830669	-86.921354	56256.58	56251.4	-1.37	56255.21	56238.79297	56342.57495	56298.53906	505771.8	5408635.3
L5770.0	505771.8	5408636.5	9112.20020	358.19	0	48.830679	-86.921354	56257.75	56251.4	-1.36	56256.39	56239.69141	56336.93249	56292.05469	505771.8	5408636.5
L5770.0	505771.8	5408637.8	9112.29981	357.79	0	48.830691	-86.921354	56259.41	56251.4	-1.36	56258.06	56241.08203	56343.86920	56298.14453	505771.8	5408637.8
L5770.0	505771.8	5408638.9	9112.40039	359.94	0	48.830701	-86.921354	56260.66	56251.3	-1.35	56259.31	56242.05078	56340.91569	56294.34766	505771.8	5408638.9
L5770.0	505771.8	5408640.4	9112.50000	360.48	0	48.830715	-86.921355	56262.22	56251.3	-1.35	56260.87	56243.33203	56346.10497	56298.69922	505771.8	5408640.4
L5770.0	505771.8	5408640.4	9112.59961	361.62	0	48.830715	-86.921355	56263.72	56251.3	-1.34	56262.38	56244.56250	56350.55004	56302.30469	505771.8	5408640.4
L5770.0	505771.8	5408640.4	9112.70020	360.44	0	48.830715	-86.921355	56264.85	56251.3	-1.33	56263.51	56245.41016	56346.10442	56297.01953	505771.8	5408640.4
L5770.0	505771.8	5408642.3	9112.79981	361.07	0	48.830731	-86.921355	56266.32	56251.3	-1.33	56264.99	56246.61328	56350.79986	56300.87891	505771.8	5408642.3
L5770.0	505771.7	5408643.7	9112.90039	361.09	0	48.830745	-86.921355	56267.39	56251.3	-1.32	56266.07	56247.41406	56346.11638	56295.35938	505771.7	5408643.7
L5770.0	505771.7	5408643.7	9113.00000	362.37	0	48.830745	-86.921355	56268.98	56251.3	-1.32	56267.66	56248.72266	56354.53039	56302.94531	505771.7	5408643.7
L5770.0	505771.7	5408645.2	9113.09961	363.62	0	48.830757	-86.921355	56270.20	56251.3	-1.32	56268.88	56249.66406	56354.31056	56301.89844	505771.7	5408645.2
L5770.0	505771.7	5408646.4	9113.20020	364.27	0	48.830769	-86.921356	56271.22	56251.3	-1.32	56269.90	56250.40625	56349.65688	56296.41797	505771.7	5408646.4
L5770.0	505771.7	5408647.9	9113.29981	362.88	0	48.830782	-86.921356	56273.27	56251.3	-1.32	56271.94	56252.16797	56370.70068	56316.64063	505771.7	5408647.9
L5770.0	505771.7	5408647.9	9113.40039	361.85	0	48.830782	-86.921356	56274.11	56251.3	-1.32	56272.78	56252.73047	56362.61579	56307.73828	505771.7	5408647.9
L5770.0	505771.7	5408649.8	9113.50000	363.60	0	48.830799	-86.921356	56275.66	56251.3	-1.32	56274.34	56254.01172	56372.82064	56317.12891	505771.7	5408649.8
L5770.0	505771.7	5408649.8	9113.59961	364.43	0	48.830799	-86.921356	56275.99	56251.3	-1.33	56274.66	56254.05469	56352.90959	56296.41016	505771.7	5408649.8
L5770.0	505771.7	5408650.8	9113.70020	366.74	0	48.830808	-86.921356	56277.31	56251.3	-1.33	56275.98	56255.09766	56358.20342	56300.89844	505771.7	5408650.8
L5770.0	505771.6	5408652.4	9113.79981	367.39	0	48.830822	-86.921356	56278.52	56251.3	-1.33	56277.19	56256.03125	56361.28817	56303.18359	505771.6	5408652.4

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5770.0	505771.6	5408652.4	9113.79981	367.39	0	48.830822	-86.921356	56279.80	56251.3	-1.33	56278.47	56257.03516	56366.60856	56307.70703	505771.6	5408652.4
L5770.0	505771.6	5408653.7	9114.00000	364.51	0	48.830835	-86.921357	56280.87	56251.3	-1.33	56279.54	56257.82813	56367.24842	56307.55859	505771.6	5408653.7
L5770.0	505771.6	5408655.0	9114.09961	364.40	0	48.830846	-86.921357	56282.02	56251.3	-1.33	56280.69	56258.69922	56370.36855	56309.89844	505771.6	5408655.0
L5770.0	505771.6	5408656.4	9114.20020	362.33	0	48.830859	-86.921357	56282.84	56251.3	-1.32	56281.52	56259.25391	56366.08866	56304.83984	505771.6	5408656.4
L5770.0	505771.6	5408656.4	9114.29981	361.26	0	48.830859	-86.921357	56284.11	56251.3	-1.32	56282.79	56260.25000	56373.17654	56311.15625	505771.6	5408656.4
L5770.0	505771.6	5408657.9	9114.40039	361.41	0	48.830872	-86.921356	56285.29	56251.3	-1.31	56283.97	56261.15234	56378.54081	56315.75391	505771.6	5408657.9
L5770.0	505771.6	5408659.3	9114.50000	360.38	0	48.830885	-86.921356	56286.23	56251.3	-1.31	56284.92	56261.82813	56378.72164	56315.17969	505771.6	5408659.3
L5770.0	505771.6	5408659.3	9114.59961	361.07	0	48.830885	-86.921356	56287.46	56251.3	-1.31	56286.15	56262.78125	56386.31192	56322.01953	505771.6	5408659.3
L5770.0	505771.6	5408660.7	9114.70020	363.46	0	48.830897	-86.921356	56288.12	56251.3	-1.30	56286.81	56263.16797	56380.31663	56315.28125	505771.6	5408660.7
L5770.0	505771.6	5408662.0	9114.79981	362.47	0	48.830909	-86.921356	56289.43	56251.3	-1.30	56288.13	56264.21094	56391.10996	56325.33594	505771.6	5408662.0
L5770.0	505771.6	5408663.2	9114.90039	363.21	0	48.830920	-86.921356	56290.11	56251.3	-1.29	56288.81	56264.61719	56386.58292	56320.08203	505771.6	5408663.2
L5770.0	505771.6	5408663.2	9115.00000	363.72	0	48.830920	-86.921356	56290.90	56251.3	-1.29	56289.61	56265.14063	56385.50182	56318.28125	505771.6	5408663.2
L5770.0	505771.6	5408664.7	9115.09961	364.94	0	48.830933	-86.921357	56291.64	56251.3	-1.29	56290.35	56265.60547	56383.41777	56315.48438	505771.6	5408664.7
L5770.0	505771.6	5408666.0	9115.20020	364.96	0	48.830945	-86.921357	56292.69	56251.3	-1.29	56291.40	56266.38281	56389.46499	56320.82813	505771.6	5408666.0
L5770.0	505771.6	5408666.0	9115.29981	365.89	0	48.830945	-86.921357	56293.45	56251.3	-1.29	56292.15	56266.85938	56388.57460	56319.24219	505771.6	5408666.0
L5770.0	505771.6	5408667.5	9115.40039	366.66	0	48.830959	-86.921357	56293.98	56251.3	-1.29	56292.69	56267.12500	56382.96539	56312.94531	505771.6	5408667.5
L5770.0	505771.6	5408667.5	9115.50000	366.21	0	48.830959	-86.921357	56295.08	56251.3	-1.29	56293.79	56267.94922	56391.64987	56320.95313	505771.6	5408667.5
L5770.0	505771.6	5408669.1	9115.59961	365.42	0	48.830973	-86.921357	56295.81	56251.3	-1.30	56294.51	56268.39453	56391.40879	56320.04297	505771.6	5408669.1
L5770.0	505771.6	5408670.5	9115.70020	365.61	0	48.830986	-86.921357	56296.54	56251.3	-1.30	56295.25	56268.86328	56392.11656	56320.09375	505771.6	5408670.5
L5770.0	505771.6	5408671.7	9115.79981	364.41	0	48.830996	-86.921357	56296.86	56251.3	-1.30	56295.56	56268.89844	56382.65515	56309.98047	505771.6	5408671.7
L5770.0	505771.6	5408671.7	9115.79981	364.41	0	48.830996	-86.921357	56297.85	56251.3	-1.30	56296.55	56269.61328	56390.43349	56317.11719	505771.6	5408671.7
L5770.0	505771.6	5408673.4	9116.00000	362.16	0	48.831011	-86.921357	56298.45	56251.3	-1.30	56297.15	56269.94141	56389.02130	56315.07813	505771.6	5408673.4
L5770.0	505771.6	5408674.7	9116.09961	362.90	0	48.831023	-86.921357	56299.17	56251.3	-1.30	56297.87	56270.38672	56391.00920	56316.44531	505771.6	5408674.7
L5770.0	505771.6	5408676.0	9116.20020	361.94	0	48.831035	-86.921357	56299.61	56251.3	-1.30	56298.31	56270.55469	56386.51360	56311.33984	505771.6	5408676.0
L5770.0	505771.6	5408676.0	9116.29981	359.79	0	48.831035	-86.921357	56300.28	56251.3	-1.30	56298.98	56270.95313	56388.12494	56312.35156	505771.6	5408676.0
L5770.0	505771.6	5408677.2	9116.40039	359.55	0	48.831046	-86.921357	56301.16	56251.3	-1.30	56299.87	56271.57031	56395.59123	56319.22656	505771.6	5408677.2
L5770.0	505771.6	5408677.2	9116.50000	360.36	0	48.831046	-86.921357	56301.64	56251.3	-1.29	56300.35	56271.77734	56393.34837	56316.40625	505771.6	5408677.2
L5770.0	505771.6	5408680.3	9116.59961	358.02	0	48.831073	-86.921356	56302.00	56251.3	-1.29	56300.71	56271.86328	56388.55326	56311.04297	505771.6	5408680.3
L5770.0	505771.6	5408680.3	9116.70020	359.55	0	48.831073	-86.921356	56302.48	56251.3	-1.29	56301.19	56272.07031	56387.12792	56309.05859	505771.6	5408680.3
L5770.0	505771.6	5408681.6	9116.79981	359.39	0	48.831085	-86.921356	56303.15	56251.3	-1.29	56301.86	56272.46484	56390.79584	56312.17969	505771.6	5408681.6
L5770.0	505771.6	5408682.9	9116.90039	359.87	0	48.831097	-86.921356	56303.79	56251.3	-1.29	56302.49	56272.82422	56393.87139	56314.71484	505771.6	5408682.9
L5770.0	505771.6	5408682.9	9117.00000	361.25	0	48.831097	-86.921356	56304.23	56251.3	-1.29	56302.94	56273.00000	56392.89162	56313.21094	505771.6	5408682.9
L5770.0	505771.6	5408684.3	9117.09961	357.89	0	48.831109	-86.921356	56304.55	56251.3	-1.29	56303.26	56273.04688	56389.08592	56308.89453	505771.6	5408684.3
L5770.0	505771.7	5408685.9	9117.20020	357.42	0	48.831124	-86.921356	56305.04	56251.3	-1.29	56303.75	56273.26563	56389.85786	56309.16016	505771.7	5408685.9
L5770.0	505771.7	5408685.9	9117.29981	357.19	0	48.831124	-86.921356	56305.68	56251.3	-1.29	56304.39	56273.63281	56394.70798	56313.51953	505771.7	5408685.9
L5770.0	505771.7	5408687.5	9117.40039	357.73	0	48.831139	-86.921355	56306.04	56251.3	-1.29	56304.75	56273.71875	56393.01107	56311.33984	505771.7	5408687.5
L5770.0	505771.7	5408689.1	9117.50000	361.22	0	48.831153	-86.921355	56306.44	56251.3	-1.28	56305.15	56273.84766	56392.66453	56310.52344	505771.7	5408689.1
L5770.0	505771.7	5408690.4	9117.59961	362.36	0	48.831165	-86.921355	56306.57	56251.3	-1.28	56305.28	56273.70313	56386.00672	56303.40625	505771.7	5408690.4
L5770.0	505771.7	5408690.4	9117.70020	360.95	0	48.831165	-86.921355	56307.06	56251.3	-1.28	56305.78	56273.92969	56388.83797	56305.78906	505771.7	5408690.4
L5770.0	505771.7	5408692.0	9117.79981	359.81	0	48.831179	-86.921355	56307.61	56251.3	-1.28	56306.33	56274.20703	56393.24962	56309.76563	505771.7	5408692.0
L5770.0	505771.7	5408693.4	9117.79981	359.81	0	48.831191	-86.921355	56308.05	56251.3	-1.28	56306.77	56274.37500	56395.28449	56311.37109	505771.7	5408693.4
L5770.0	505771.7	5408693.4	9118.00000	359.37	0	48.831191	-86.921355	56308.38	56251.3	-1.28	56307.10	56274.43359	56394.93689	56310.61328	505771.7	5408693.4
L5770.0	505771.7	5408695.4	9118.09961	359.10	0	48.831209	-86.921355	56308.28	56251.3	-1.28	56307.00	56274.05859	56384.29809	56299.57031	505771.7	5408695.4
L5770.0	505771.7	5408696.9	9118.20020	359.18	0	48.831223	-86.921355	56308.92	56251.3	-1.28	56307.64	56274.42578	56392.25768	56307.14063	505771.7	5408696.9
L5770.0	505771.7	5408696.9	9118.29981	358.48	0	48.831223	-86.921355	56309.12	56251.3	-1.28	56307.84	56274.35547	56389.66765	56304.16797	505771.7	5408696.9
L5770.0	505771.7	5408698.1	9118.40039	358.87	0	48.831234	-86.921354	56309.46	56251.3	-1.28	56308.18	56274.42188	56390.84643	56304.97656	505771.7	5408698.1
L5770.0	505771.8	5408699.4	9118.50000	358.94	0	48.831245	-86.921354	56309.61	56251.3	-1.28	56308.33	56274.29688	56387.63830	56301.41016	505771.8	5408699.4
L5770.0	505771.8	5408699.4	9118.59961	358.68	0	48.831245	-86.921354	56309.91	56251.3	-1.28	56308.63	56274.32422	56388.43444	56301.85938	505771.8	5408699.4
L5770.0	505771.8	5408700.7	9118.70020	358.89	0	48.831257	-86.921354	56310.45	56251.3	-1.28	56309.17	56274.58984	56395.45182	56308.54297	505771.8	5408700.7
L5770.0	505771.8	5408702.5	9118.79981	358.64	0	48.831274	-86.921354	56310.43	56251.3	-1.28	56309.15	56274.29688	56388.92721	56301.69141	505771.8	5408702.5
L5770.0	505771.8	5408702.5	9118.90039	360.94	0	48.831274	-86.921354	56310.60	56251.3	-1.28	56309.32	56274.19531	56387.37751	56299.82422	505771.8	5408702.5
L5770.0	505771.8	5408703.8	9119.00000	360.20	0	48.831285	-86.921354	56311.16	56251.3	-1.28	56309.88	56274.48047	56395.73633	56307.87891	505771.8	5408703.8
L5770.0	505771.8	5408705.4	9119.09961	362.99	0	48.831300	-86.921353	56311.04	56251.3	-1.28	56309.76	56274.08594	56387.57233	56299.42188	505771.8	5408705.4
L5770.0	505771.8	5408705.4	9119.20020	360.32	0	48.831300	-86.921353	56311.14	56251.3	-1.28	56309.86	56273.91406	56385.10694	56296.67578	505771.8	5408705.4
L5770.0	505771.8	5408706.8	9119.29981	359.89	0	48.831312	-86.921353	56311.60	56251.3	-1.28	56310.32	56274.09766	56391.79201	56303.08594	505771.8	5408706.8
L5770.0	505771.8	5408708.5	9119.40039	359.44	0	48.831328	-86.921353	56311.44	56251.3	-1.28	56310.16	56273.66406	56383.41893	56294.44922	505771.8	5408708.5
L5770.0	505771.8	5408708.5	9119.50000	360.17	0	48.831328	-86.921353	56311.68	56251.3	-1.28	56310.40	56273.63281	56385.17279	56295.95313	505771.8	5408708.5
L5770.0	505771.8	5408710.3	9119.59961	359.81	0	48.831343	-86.921353	56311.52	56251.3	-1.28	56310.24	56273.19922	56377.29044	56287.82813	505771.8	5408710.3
L5770.0	505771.8	5408711.8	9119.70020	359.01	0	48.831357	-86.921353	56311.93	56251.3	-1.28	56310.65	56273.33594	56383.72217	56294.03125	505771.8	5408711.8
L5770.0	505771.8	5408713.5	9119.79981	359.42	0	48.831372	-86.921353	56312.14	56251.3	-1.28	56310.86	56273.26953	56385.44578	56295.53125	505771.8	5408713.5
L5770.0	505771.8	5408713.5	9119.79981	359.42	0	48.831372	-86.921353	56311.95	56251.3	-1.28	56310.67	56272.80469	56377.51628	56287.38672	505771.8	5408713.5
L5770.0	505771.8	5408714.8	9120.00000	357.64	0	48.831384	-86.921353	56312.23	56251.3	-1.28	56310.95	56272.81250	56381.41433	56291.08203	505771.8	5408714.8
L5770.0	505771.8	5408716.4	9120.09961	356.82	0	48.831398	-86.921353	56312.12	56251.3	-1.28	56310.84	56272.42969	56375.89508	56285.37109	505771.8	5408716.4
L5770.0	505771.8	5408716.4	9120.20020	354.55	0	48.831398	-86.921353	56312.39	56251.3	-1.28	56311.11	56272.42188	56379.96955	56289.26172	505771.8	5408716.4
L5770.0	505771.8	5408718.0	9120.29981	354.24	0	48.831413	-86.921353	56312.08	56251.3	-1.27	56310.80	56271.83984	56369.92325	56279.03906	505771.8	5408718.0
L5770.0	505771.8	5408719.6	9120.40039	355.85	0	48.831427	-86.921353	56312.63	56251.3	-1.27	56311.35	56272.11328	56381.31414	56290.26172	505771.8	5408719.6
L5770.0	505771.8	5408719.6	9120.50000	354.92	0	48.831427	-86.921353	56312.59	56251.3	-1.27	56311.32	56271.80859	56378.57332	56287.36328	505771.8	5408719.6
L5770.0	505771.9	5408720.5	9120.59961	356.18	0	48.831435	-86.921352	56312.89	56251.3	-1.27	56311.63	56271.84766	56384.41644	56293.05469	505771.9	5408720.5
L5770.0	505771.9	5408722.1	9120.70020	354.86	0	48.831450	-86.921352	56312.95	56251.3	-1.27	56311.69	56271.63281	56384.26698	56292.76563	505771.9	5408722.1
L5770.0	505771.9	5408723.9	9120.79981	354.00	0	48.831466	-86.921352	56312.97	56251.3	-1.26	56311.71	56271.37891	56383.30591	56291.67188	505771.9	5408723.9
L5770.0	505771.9	5408723.9	9120.90039	354.35	0	48.831466	-86.921352	56313.16	56251.3	-1.26	56311.90	56271.29297	56386.71424	56294.95313	505771.9	5408723.9
L5770.0	505772.0	5408725.4	9121.00000	355.68	0	48.831480	-86.921351	56312.95	56251.3	-1.26	56311.68	56270.79688	56380.16251	56288.28516	505772.0	5408725.4
L5770.0	505772.0	5408726.6	9121.09961	357.07	0	48.831490	-86.921351	56313.08	56251.3	-1.26	56311.82	56270.66406	56382.66206	56290.67578	505772.0	5408726.6
L5770.0	505772.0	5408726.6	9121.20020	357.58	0	48.831490	-86.921351	56312.88	56251.3	-1.26	56311.61	56270.17969	56376.67291	56284.58594	505772.0	5408726.6
L5770.0	505772.0	5408728.5	9121.29981	358.62	0	48.831508	-86.921351	56313.25	56251.3	-1.27	56311.99	56270.28516	56385.40495	56293.22266	505772.0	5408728.5
L5770.0	505772.0	5408730.1	9121.40039	358.84	0	48.831522	-86.921351	56312.85	56251.3	-1.27	56311.58	56269.60156	56374.77141	56282.50000	505772.0	5408730.1
L5770.0	505772.0	5408730.1	9121.50000	360.77	0	48.831522	-86.921351	56313.00	56251.3	-1.27	56311.73	56269.47656	56378.10796	56285.75391	505772.0	5408730.1
L5770.0	505772.0	5408732.0	9121.59961	360.51	0	48.831538	-86.921350	56313.31	56251.3	-1.27	56312.04	56269.51172	56385.53086	56293.10547	505772.0	5408732.0
L5770.0	505772.0	5408732.0	9121.70020	360.64	0	48.831538	-86.921350	56313.02	56251.3	-1.27	56311.75	56268.94922	56378.26554	56285.76953	505772.0	5408732.0
L5770.0	505772.0	5408734.1	9121.79981	361.17	0	48.831558	-86.921350	56313.08	56251.3	-1.28	56311.80	56268.72266	56379.52212	56286.96484	505772.0	5408734.1
L5770.0	505772.0	5408735.5	9121.79981	361.17	0	48.831570	-86.921351	56313.13	56251.3	-1.28	56311.85	56268.50000	56380.89882	56288.28516	505772.0	5408735.5
L5770.0	505772.0	5408735.5	9122.00000	360.10	0	48.831570	-86.921351	56312.80	56251.3	-1.28	56311.52	56267.89453	56373.00605	56280.33984	505772.0	5408735.5
L5770.0	505772.0	5408737.2	9122.09961	360.55	0	48.831585	-86.921351	56312.97	56251.3	-1.28	56311.70	56267.80078	56377.81926	56285.10938	505772.0	5408737.2
L5770.0	505772.0	5408738.9	9122.20020	360.73	0	48.831601	-86.921351	56313.03	56251.3	-1.27	56311.76	56267.58984	56379.77479	56287.02734	505772.0	5408738.9
L5770.0	505772.0	5408738.9	9122.29981	361.27	0	48.831601	-86.921351	56312.39	56251.3	-1.27	56311.12	56266.67578	56364.54384	56271.76172	505772.0	5408738.9
L5770.0	505772.0	5408740.1	9122.40039	360.66	0	48.831612	-86.921351	56312.67	56251.3	-1.27	56311.40	56266.68359	56372.13078	56279.31641	505772.0	5408740.1
L5770.0	505772.0	5408741.5	9122.50000	359.18	0	48.831624	-86.921351	56312.46	56251.3	-1.26	56311.20	56266.21094	56367.95556	56275.11719	505772.0	5408741.5
L5770.0	505772.0	5408742.9	9122.59961	360.58	0	48.831637	-86.921351	56312.67	56251.3	-1.26	56311.41	56266.14844	56373.99397	56281.13281	505772.0	5408742.9
L5770.0	505772.0	5408742.9	9122.70020	361.21	0	48.831637	-86.921351	56312.44	56251.3	-1.26	56311.18	56265.64453	56369.24939	56276.37109	505772.0	5408742.9
L5770.0	505772.0	5408746.1	9122.79981	361.31	0	48.831665	-86.921351	56312.32	56251.3	-1.26	56311.06	56265.25391	56367.30085	56274.41016	505772.0	5408746.1
L5770.0	505772.0	5408746.1	9122.90039	363.60	0	48.831665	-86.921351	56312.56	56251.3	-1.25	56311.31	56265.23047	56374.56536	56281.66406	505772.0	5408746.1
L5770.0	505772.0	5408746.1	9123.00000	363.84	0	48.831665	-86.921351	56312.36	56251.3	-1.25	56311.11	56264.75781	56370.78744	56277.87891	505772.0	5408746.1
L5770.0	505772.0	5408747.5	9123.09961	363.35	0	48.831678	-86.921351	56312.03	56251.2	-1.25	56310.78	56264.16016	56363.86610	56270.95703	505772.0	5408747.5

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5770.0	505772.0	5408749.2	9123.20020	362.78	0	48.831693	-86.921351	56312.09	56251.2	-1.25	56310.84	56263.94922	56366.63980	56273.73047	505772.0	5408749.2
L5770.0	505772.0	5408750.4	9123.29981	362.31	0	48.831704	-86.921350	56312.44	56251.2	-1.25	56311.19	56264.02734	56376.63505	56283.73047	505772.0	5408750.4
L5770.0	505772.0	5408750.4	9123.40039	362.28	0	48.831704	-86.921350	56312.06	56251.2	-1.25	56310.81	56263.37891	56368.65735	56275.75781	505772.0	5408750.4
L5770.0	505772.0	5408751.8	9123.50000	362.12	0	48.831717	-86.921350	56312.00	56251.2	-1.24	56310.76	56263.05859	56368.88176	56275.98828	505772.0	5408751.8
L5770.0	505772.0	5408753.2	9123.59961	362.61	0	48.831729	-86.921350	56311.98	56251.2	-1.24	56310.73	56262.76172	56369.64872	56276.76563	505772.0	5408753.2
L5770.0	505772.0	5408754.7	9123.70020	362.61	0	48.831743	-86.921350	56311.91	56251.2	-1.24	56310.66	56262.42578	56369.47302	56276.60547	505772.0	5408754.7
L5770.0	505772.0	5408756.1	9123.79981	361.75	0	48.831755	-86.921349	56311.57	56251.2	-1.24	56310.33	56261.82813	56362.91805	56270.06250	505772.0	5408756.1
L5770.0	505772.0	5408756.1	9123.79981	361.75	0	48.831755	-86.921349	56311.52	56251.2	-1.24	56310.28	56261.51172	56363.31691	56270.47656	505772.0	5408756.1
L5770.0	505772.1	5408757.9	9124.00000	362.43	0	48.831772	-86.921349	56311.52	56251.2	-1.24	56310.28	56261.24609	56364.98622	56272.16016	505772.1	5408757.9
L5770.0	505772.1	5408757.9	9124.09961	361.23	0	48.831772	-86.921349	56311.39	56251.2	-1.24	56310.15	56260.84766	56363.47759	56270.67188	505772.1	5408757.9
L5770.0	505772.1	5408760.8	9124.20020	359.55	0	48.831798	-86.921348	56311.32	56251.2	-1.24	56310.08	56260.51563	56363.48055	56270.69141	505772.1	5408760.8
L5770.0	505772.1	5408760.8	9124.29981	357.47	0	48.831798	-86.921348	56311.21	56251.2	-1.23	56309.98	56260.15234	56362.76965	56270.00391	505772.1	5408760.8
L5770.0	505772.1	5408762.7	9124.40039	356.08	0	48.831815	-86.921348	56311.37	56251.2	-1.23	56310.14	56260.05078	56368.50434	56275.75781	505772.1	5408762.7
L5770.0	505772.1	5408762.7	9124.50000	357.02	0	48.831815	-86.921348	56310.81	56251.2	-1.23	56309.58	56259.22656	56356.47922	56263.75000	505772.1	5408762.7
L5770.0	505772.2	5408764.2	9124.59961	357.63	0	48.831828	-86.921348	56310.86	56251.2	-1.23	56309.63	56259.01563	56359.53872	56266.83203	505772.2	5408764.2
L5770.0	505772.2	5408765.5	9124.70020	358.58	0	48.831840	-86.921347	56310.63	56251.2	-1.23	56309.40	56258.52734	56355.70040	56263.01172	505772.2	5408765.5
L5770.0	505772.2	5408766.5	9124.79981	357.99	0	48.831849	-86.921347	56310.66	56251.2	-1.22	56309.43	56258.30078	56358.29842	56265.63281	505772.2	5408766.5
L5770.0	505772.2	5408766.5	9124.90039	356.55	0	48.831849	-86.921347	56310.71	56251.2	-1.22	56309.49	56258.10156	56361.65054	56269.00391	505772.2	5408766.5
L5770.0	505772.3	5408768.6	9125.00000	358.22	0	48.831868	-86.921346	56310.44	56251.2	-1.22	56309.22	56257.57422	56356.86403	56264.23438	505772.3	5408768.6
L5770.0	505772.3	5408770.1	9125.09961	357.58	0	48.831882	-86.921346	56310.73	56251.2	-1.22	56309.51	56257.60938	56365.91736	56273.30859	505772.3	5408770.1
L5770.0	505772.3	5408771.7	9125.20020	358.81	0	48.831896	-86.921346	56310.56	56251.2	-1.22	56309.33	56257.17578	56363.37119	56270.77734	505772.3	5408771.7
L5770.0	505772.3	5408771.7	9125.29981	359.04	0	48.831896	-86.921346	56310.57	56251.2	-1.22	56309.35	56256.94531	56365.77097	56273.19531	505772.3	5408771.7
L5770.0	505772.4	5408773.2	9125.40039	359.14	0	48.831909	-86.921345	56310.12	56251.2	-1.22	56308.90	56256.24219	56356.56850	56264.00781	505772.4	5408773.2
L5770.0	505772.4	5408774.8	9125.50000	359.23	0	48.831923	-86.921345	56310.32	56251.2	-1.23	56309.10	56256.19141	56363.42309	56270.87500	505772.4	5408774.8
L5770.0	505772.4	5408776.4	9125.59961	360.88	0	48.831938	-86.921344	56310.04	56251.2	-1.23	56308.81	56255.65234	56358.17929	56265.64453	505772.4	5408776.4
L5770.0	505772.4	5408776.4	9125.70020	358.55	0	48.831938	-86.921344	56310.22	56251.2	-1.23	56309.00	56255.59766	56364.79217	56272.26953	505772.4	5408776.4
L5770.0	505772.4	5408777.8	9125.79981	360.41	0	48.831950	-86.921344	56309.84	56251.2	-1.23	56308.61	56254.96094	56357.08233	56264.57031	505772.4	5408777.8
L5770.0	505772.4	5408779.4	9125.79981	360.41	0	48.831965	-86.921344	56309.86	56251.2	-1.23	56308.63	56254.73828	56359.49905	56266.99609	505772.4	5408779.4
L5770.0	505772.5	5408780.9	9126.00000	358.05	0	48.831979	-86.921344	56310.07	56251.2	-1.23	56308.84	56254.70703	56366.60857	56274.10938	505772.5	5408780.9
L5770.0	505772.5	5408780.9	9126.09961	359.42	0	48.831979	-86.921344	56310.02	56251.2	-1.23	56308.79	56254.41406	56367.29700	56274.80078	505772.5	5408780.9
L5770.0	505772.5	5408782.5	9126.20020	360.19	0	48.831993	-86.921343	56309.71	56251.2	-1.23	56308.49	56253.87500	56361.81116	56269.31641	505772.5	5408782.5
L5770.0	505772.5	5408783.9	9126.29981	358.42	0	48.832005	-86.921343	56309.30	56251.2	-1.23	56308.07	56253.21875	56353.36160	56260.86719	505772.5	5408783.9
L5770.0	505772.5	5408785.6	9126.40039	356.37	0	48.832021	-86.921343	56309.53	56251.2	-1.23	56308.30	56253.21484	56360.96504	56268.46875	505772.5	5408785.6
L5770.0	505772.5	5408785.6	9126.50000	357.26	0	48.832021	-86.921343	56309.40	56251.2	-1.23	56308.17	56252.85156	56359.67792	56267.17578	505772.5	5408785.6
L5770.0	505772.5	5408787.3	9126.59961	359.76	0	48.832036	-86.921343	56309.51	56251.2	-1.22	56308.28	56252.73047	56364.31876	56271.80859	505772.5	5408787.3
L5770.0	505772.5	5408787.3	9126.70020	358.62	0	48.832036	-86.921343	56309.30	56251.2	-1.22	56308.07	56252.28906	56361.05789	56268.53906	505772.5	5408787.3
L5770.0	505772.5	5408789.3	9126.79981	360.30	0	48.832054	-86.921343	56309.12	56251.2	-1.22	56307.90	56251.89453	56358.78687	56266.25391	505772.5	5408789.3
L5770.0	505772.5	5408790.5	9126.90039	359.44	0	48.832065	-86.921343	56309.02	56251.2	-1.22	56307.80	56251.56641	56358.24744	56265.69922	505772.5	5408790.5
L5770.0	505772.5	5408790.5	9127.00000	360.78	0	48.832065	-86.921343	56308.92	56251.2	-1.22	56307.70	56251.24609	56357.71181	56265.14453	505772.5	5408790.5
L5770.0	505772.5	5408791.9	9127.09961	364.53	0	48.832078	-86.921343	56308.94	56251.2	-1.22	56307.72	56251.04297	56360.14469	56267.55859	505772.5	5408791.9
L5770.0	505772.5	5408793.3	9127.20020	363.27	0	48.832090	-86.921343	56308.48	56251.2	-1.23	56307.25	56250.35547	56350.48228	56257.87109	505772.5	5408793.3
L5770.0	505772.5	5408793.3	9127.29981	365.40	0	48.832090	-86.921343	56308.66	56251.2	-1.23	56307.43	56250.32031	56356.88036	56264.24609	505772.5	5408793.3
L5770.0	505772.5	5408795.0	9127.40039	364.23	0	48.832105	-86.921343	56308.43	56251.2	-1.23	56307.20	56249.87500	56353.16178	56260.49609	505772.5	5408795.0
L5770.0	505772.5	5408797.0	9127.50000	363.95	0	48.832123	-86.921343	56308.59	56251.2	-1.24	56307.35	56249.81641	56358.83870	56266.14453	505772.5	5408797.0
L5770.0	505772.5	5408798.6	9127.59961	362.76	0	48.832138	-86.921343	56308.56	56251.2	-1.24	56307.32	56249.57813	56360.08266	56267.35156	505772.5	5408798.6
L5770.0	505772.5	5408799.9	9127.70020	361.09	0	48.832149	-86.921343	56308.33	56251.2	-1.24	56307.09	56249.14063	56356.40161	56263.63281	505772.5	5408799.9
L5770.0	505772.5	5408799.9	9127.79981	358.54	0	48.832149	-86.921343	56307.82	56251.2	-1.24	56306.58	56248.42578	56345.82183	56253.01563	505772.5	5408799.9
L5770.0	505772.5	5408801.2	9127.79981	358.54	0	48.832162	-86.921343	56307.82	56251.2	-1.24	56306.57	56248.21875	56347.60899	56254.75781	505772.5	5408801.2
L5770.0	505772.5	5408801.2	9128.00000	355.69	0	48.832162	-86.921343	56307.80	56251.3	-1.25	56306.55	56248.00000	56349.16994	56256.27344	505772.5	5408801.2
L5770.0	505772.4	5408802.9	9128.09961	355.89	0	48.832176	-86.921343	56307.85	56251.2	-1.25	56306.60	56247.85547	56352.48281	56259.53906	505772.4	5408802.9
L5770.0	505772.4	5408804.3	9128.20020	356.86	0	48.832189	-86.921343	56307.61	56251.2	-1.24	56306.37	56247.43359	56348.90616	56255.91406	505772.4	5408804.3
L5770.0	505772.4	5408805.8	9128.29981	358.32	0	48.832203	-86.921343	56307.77	56251.2	-1.24	56306.53	56247.40234	56354.98946	56261.94141	505772.4	5408805.8
L5770.0	505772.4	5408805.8	9128.40039	357.44	0	48.832203	-86.921343	56307.82	56251.2	-1.24	56306.59	56247.27734	56358.63393	56265.53125	505772.4	5408805.8
L5770.0	505772.4	5408807.5	9128.50000	358.00	0	48.832217	-86.921344	56307.95	56251.2	-1.24	56306.71	56247.21094	56363.79383	56270.63281	505772.4	5408807.5
L5770.0	505772.4	5408809.2	9128.59961	359.50	0	48.832233	-86.921344	56307.54	56251.2	-1.23	56306.30	56246.62109	56355.90090	56262.67578	505772.4	5408809.2
L5770.0	505772.4	5408809.2	9128.70020	360.13	0	48.832233	-86.921344	56307.62	56251.2	-1.23	56306.39	56246.53516	56360.39584	56267.10938	505772.4	5408809.2
L5770.0	505772.4	5408811.6	9128.79981	359.54	0	48.832254	-86.921344	56307.82	56251.2	-1.23	56306.60	56246.57031	56367.89689	56274.54297	505772.4	5408811.6
L5770.0	505772.4	5408812.8	9128.90039	360.72	0	48.832265	-86.921344	56307.36	56251.2	-1.22	56306.14	56245.94141	56358.89667	56265.47656	505772.4	5408812.8
L5770.0	505772.3	5408814.2	9129.00000	361.30	0	48.832278	-86.921345	56307.38	56251.2	-1.22	56306.16	56245.79297	56361.79975	56268.30859	505772.3	5408814.2
L5770.0	505772.3	5408814.2	9129.09961	361.32	0	48.832278	-86.921345	56307.57	56251.2	-1.22	56306.34	56245.80859	56368.70640	56275.14063	505772.3	5408814.2
L5770.0	505772.3	5408815.7	9129.20020	360.40	0	48.832292	-86.921345	56307.26	56251.2	-1.22	56306.04	56245.34766	56363.81397	56270.17578	505772.3	5408815.7
L5770.0	505772.3	5408817.6	9129.29981	359.89	0	48.832309	-86.921345	56306.95	56251.2	-1.23	56305.72	56244.86719	56358.48643	56264.77344	505772.3	5408817.6
L5770.0	505772.3	5408817.6	9129.40039	361.03	0	48.832309	-86.921345	56307.20	56251.2	-1.23	56305.97	56244.96484	56367.29835	56273.50391	505772.3	5408817.6
L5770.0	505772.3	5408819.0	9129.50000	359.42	0	48.832322	-86.921346	56307.01	56251.2	-1.23	56305.78	56244.62500	56365.30944	56271.43750	505772.3	5408819.0
L5770.0	505772.2	5408820.7	9129.59961	360.93	0	48.832337	-86.921346	56306.72	56251.2	-1.23	56305.49	56244.18750	56360.92018	56266.96484	505772.2	5408820.7
L5770.0	505772.2	5408820.7	9129.70020	361.29	0	48.832337	-86.921346	56306.57	56251.2	-1.23	56305.33	56243.88281	56359.81445	56265.77734	505772.2	5408820.7
L5770.0	505772.2	5408822.2	9129.79981	358.34	0	48.832350	-86.921346	56306.24	56251.2	-1.24	56305.01	56243.42188	56354.83380	56260.71094	505772.2	5408822.2
L5770.0	505772.2	5408823.9	9129.79981	358.34	0	48.832366	-86.921346	56306.39	56251.2	-1.24	56305.15	56243.42578	56361.29394	56267.08594	505772.2	5408823.9
L5770.0	505772.2	5408823.9	9130.00000	360.63	0	48.832366	-86.921346	56306.29	56251.2	-1.24	56305.05	56243.19531	56361.91079	56267.61328	505772.2	5408823.9
L5770.0	505772.2	5408825.8	9130.09961	357.95	0	48.832382	-86.921347	56306.26	56251.2	-1.24	56305.02	56243.03516	56364.34409	56269.95703	505772.2	5408825.8
L5770.0	505772.1	5408827.3	9130.20020	357.52	0	48.832396	-86.921347	56306.16	56251.2	-1.24	56304.92	56242.80859	56365.14003	56270.66406	505772.1	5408827.3
L5770.0	505772.1	5408828.8	9130.29981	359.42	0	48.832410	-86.921347	56306.26	56251.2	-1.24	56305.02	56242.78906	56370.97053	56276.40625	505772.1	5408828.8
L5770.0	505772.1	5408828.8	9130.40039	358.12	0	48.832410	-86.921347	56305.98	56251.2	-1.24	56304.74	56242.39063	56367.51516	56272.85938	505772.1	5408828.8
L5770.0	505772.1	5408830.1	9130.50000	359.84	0	48.832421	-86.921348	56305.80	56251.2	-1.24	56304.56	56242.09766	56366.63221	56271.88672	505772.1	5408830.1
L5770.0	505772.1	5408830.1	9130.59961	360.38	0	48.832421	-86.921348	56305.78	56251.2	-1.24	56304.54	56241.96875	56369.80725	56274.96875	505772.1	5408830.1
L5770.0	505772.1	5408833.3	9130.70020	358.72	0	48.832450	-86.921348	56305.57	56251.2	-1.24	56304.33	56241.65234	56368.40015	56273.46875	505772.1	5408833.3
L5770.0	505772.1	5408833.3	9130.79981	356.65	0	48.832450	-86.921348	56305.57	56251.2	-1.24	56304.33	56241.55078	56372.29342	56277.26953	505772.1	5408833.3
L5770.0	505772.0	5408834.9	9130.90039	356.81	0	48.832464	-86.921349	56305.22	56251.2	-1.24	56303.98	56241.10156	56367.66056	56272.54688	505772.0	5408834.9
L5770.0	505772.0	5408834.9	9131.00000	358.51	0	48.832464	-86.921349	56304.98	56251.2	-1.24	56303.74	56240.76953	56365.86587	56270.66016	505772.0	5408834.9
L5770.0	505772.0	5408838.1	9131.09961	359.66	0	48.832493	-86.921349	56304.83	56251.2	-1.24	56303.59	56240.52734	56366.41910	56271.12109	505772.0	5408838.1
L5770.0	505772.0	5408838.1	9131.20020	360.76	0	48.832493	-86.921349	56304.66	56251.2	-1.24	56303.42	56240.27344	56366.60730	56271.21875	505772.0	5408838.1
L5770.0	505772.0	5408839.4	9131.29981	360.76	0	48.832505	-86.921349	56304.79	56251.2	-1.24	56303.55	56240.32031	56374.33709	56278.85547	505772.0	5408839.4
L5770.0	505772.0	5408839.4	9131.40039	361.04	0	48.832505	-86.921349	56304.45	56251.2	-1.24	56303.21	56239.90234	56370.59554	56275.02344	505772.0	5408839.4
L5770.0	505771.9	5408842.9	9131.50000	360.69	0	48.832536	-86.921350	56303.98	56251.2	-1.24	56302.74	56239.35938	56363.78313	56268.12500	505771.9	5408842.9
L5770.0	505771.9	5408842.9	9131.59961	362.34	0	48.832536	-86.921350	56303.82	56251.2	-1.24	56302.58	56239.12891	56364.77003	56269.02344	505771.9	5408842.9
L5770.0	505771.9	5408844.1	9131.70020	362.49	0	48.832548	-86.921350	56304.09	56251.2	-1.24	56302.85	56239.33594	56376.52335	56280.68750	505771.9	5408844.1
L5770.0	505771.9	5408845.5	9131.79981	361.20	0	48.832560	-86.921350	56303.40	56251.2	-1.24	56302.16	56238.58594	56364.71792	56268.79688	505771.9	5408845.5
L5770.0	505771.9	5408845.5	9131.79981	361.20	0	48.832560	-86.921350	56303.33	56251.2	-1.24	56302.09	56238.45703	56368.37814	56272.37500	505771.9	5408845.5
L5770.0	505771.9	5408847.0	9132.00000	363.56	0	48.832574	-86.921351	56303.26	56251.2	-1.24	56302.02	56238.33594	56372.19530	56276.10938	505771.9	5408847.0
L5770.0	505771.8	5408849.2	9132.09961	366.19	0	48.832593	-86.921351	56303.13	56251.2	-1.24	56301.89	56238.15625	56374.69087	56278.52344	505771.8	5408849.2
L5770.0	505771.8	5408849.2	9132.20020	368.07	0	48.832593	-86.921351	56302.66	56251.2	-1.24	56301.42	56237.64453	56368.95294	56272.70703	505771.8	5408849.2
L5770.0	505771.8	5408850.5	9132.29981	367.90	0	48.832605	-86.921351	56302.46	56251.2	-1.24	56301.22	56237.40234	56370.04976	56273.72656	505771.8	5408850.5
L5770.0	505771.8	5408852.0	9132.40039	367.27	0	48.832618	-86.921352	56302.39	56251.2	-1.24	56301.15	56237.29688	56374.52683	56278.12891	505771.8	5408852.0

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5770.0	505771.8	5408852.0	9132.50000	366.74	0	48.832618	-86.921352	56302.06	56251.2	-1.24	56300.82	56236.93750	56372.75540	56276.28516	505771.8	5408852.0
L5770.0	505771.8	5408853.5	9132.59961	365.31	0	48.832631	-86.921352	56301.67	56251.2	-1.24	56300.43	56236.51953	56369.67779	56273.13672	505771.8	5408853.5
L5770.0	505771.8	5408855.2	9132.70020	362.98	0	48.832647	-86.921352	56301.55	56251.2	-1.24	56300.31	56236.37891	56373.44682	56276.83984	505771.8	5408855.2
L5770.0	505771.7	5408856.6	9132.79981	361.88	0	48.832660	-86.921352	56301.31	56251.2	-1.24	56300.07	56236.11719	56374.43352	56277.76172	505771.7	5408856.6
L5770.0	505771.7	5408856.6	9132.90039	361.19	0	48.832660	-86.921352	56300.77	56251.2	-1.24	56299.53	56235.56641	56368.19517	56271.46094	505771.7	5408856.6
L5770.0	505771.7	5408858.4	9133.00000	360.94	0	48.832676	-86.921353	56300.56	56251.2	-1.24	56299.32	56235.34375	56370.29341	56273.50000	505771.7	5408858.4
L5770.0	505771.7	5408858.4	9133.09961	360.14	0	48.832676	-86.921353	56299.91	56251.2	-1.24	56298.67	56234.69141	56361.71424	56264.86719	505771.7	5408858.4
L5770.0	505771.7	5408860.1	9133.20020	361.56	0	48.832691	-86.921353	56299.70	56251.2	-1.24	56298.46	56234.48047	56364.19335	56267.29297	505771.7	5408860.1
L5770.0	505771.7	5408862.0	9133.29981	359.04	0	48.832708	-86.921353	56299.50	56251.2	-1.24	56298.27	56234.29297	56367.36045	56270.41406	505771.7	5408862.0
L5770.0	505771.7	5408862.0	9133.40039	357.03	0	48.832708	-86.921353	56299.20	56251.2	-1.24	56297.96	56233.98828	56367.76030	56270.76563	505771.7	5408862.0
L5770.0	505771.7	5408863.9	9133.50000	358.89	0	48.832725	-86.921353	56298.70	56251.2	-1.24	56297.47	56233.51172	56363.91329	56266.87891	505771.7	5408863.9
L5770.0	505771.6	5408865.5	9133.59961	358.74	0	48.832739	-86.921353	56298.18	56251.2	-1.23	56296.95	56233.00781	56359.52611	56262.45313	505771.6	5408865.5
L5770.0	505771.6	5408866.9	9133.70020	357.83	0	48.832752	-86.921354	56297.99	56251.2	-1.23	56296.76	56232.83594	56363.49165	56266.38672	505771.6	5408866.9
L5770.0	505771.6	5408868.1	9133.79981	358.29	0	48.832763	-86.921354	56297.69	56251.2	-1.23	56296.46	56232.56250	56364.94528	56267.80859	505771.6	5408868.1
L5770.0	505771.6	5408868.1	9133.79981	358.29	0	48.832763	-86.921354	56297.31	56251.2	-1.23	56296.07	56232.19922	56364.38281	56267.22266	505771.6	5408868.1
L5770.0	505771.6	5408869.6	9134.00000	359.10	0	48.832777	-86.921354	56297.05	56251.2	-1.23	56295.82	56231.98438	56367.48630	56270.30469	505771.6	5408869.6
L5770.0	505771.6	5408871.6	9134.09961	359.38	0	48.832794	-86.921354	56296.59	56251.2	-1.23	56295.36	56231.55859	56365.61356	56268.41406	505771.6	5408871.6
L5770.0	505771.6	5408873.1	9134.20020	359.82	0	48.832808	-86.921354	56296.28	56251.2	-1.24	56295.04	56231.28125	56367.41012	56270.19531	505771.6	5408873.1
L5770.0	505771.6	5408873.1	9134.29981	360.15	0	48.832808	-86.921354	56295.91	56251.2	-1.24	56294.66	56230.94922	56367.93814	56270.71875	505771.6	5408873.1
L5770.0	505771.6	5408874.4	9134.40039	359.34	0	48.832820	-86.921354	56295.16	56251.2	-1.25	56293.91	56230.24609	56359.54304	56262.32031	505771.6	5408874.4
L5770.0	505771.6	5408875.9	9134.50000	361.17	0	48.832833	-86.921354	56295.14	56251.3	-1.25	56293.89	56230.28125	56369.39274	56272.16797	505771.6	5408875.9
L5770.0	505771.6	5408875.9	9134.59961	360.49	0	48.832833	-86.921354	56294.32	56251.3	-1.25	56293.07	56229.51953	56359.70233	56262.48438	505771.6	5408875.9
L5770.0	505771.5	5408877.6	9134.70020	360.00	0	48.832849	-86.921355	56293.88	56251.3	-1.26	56292.62	56229.13281	56359.36835	56262.16016	505771.5	5408877.6
L5770.0	505771.5	5408879.1	9134.79981	360.46	0	48.832862	-86.921355	56293.96	56251.3	-1.26	56292.70	56229.27734	56372.34341	56275.15234	505771.5	5408879.1
L5770.0	505771.5	5408881.0	9134.90039	364.14	0	48.832879	-86.921355	56293.18	56251.3	-1.27	56291.91	56228.55859	56364.05297	56266.88281	505771.5	5408881.0
L5770.0	505771.5	5408881.0	9135.00000	362.70	0	48.832879	-86.921355	56292.58	56251.3	-1.27	56291.31	56228.03125	56360.67668	56263.53125	505771.5	5408881.0
L5770.0	505771.5	5408882.8	9135.09961	363.49	0	48.832895	-86.921355	56292.07	56251.3	-1.27	56290.80	56227.60156	56359.74574	56262.63281	505771.5	5408882.8
L5770.0	505771.5	5408882.8	9135.20020	361.69	0	48.832895	-86.921355	56291.44	56251.3	-1.27	56290.17	56227.05469	56356.07464	56258.99609	505771.5	5408882.8
L5770.0	505771.5	5408884.5	9135.29981	361.31	0	48.832911	-86.921355	56291.08	56251.3	-1.27	56289.81	56226.77734	56359.29592	56262.25781	505771.5	5408884.5
L5770.0	505771.5	5408886.2	9135.40039	361.36	0	48.832926	-86.921355	56290.44	56251.3	-1.27	56289.17	56226.23047	56355.82699	56258.83594	505771.5	5408886.2
L5770.0	505771.5	5408887.4	9135.50000	361.60	0	48.832937	-86.921355	56290.11	56251.3	-1.27	56288.84	56225.99219	56360.23962	56263.30078	505771.5	5408887.4
L5770.0	505771.5	5408889.2	9135.59961	361.13	0	48.832953	-86.921355	56289.71	56251.3	-1.27	56288.44	56225.69141	56363.14957	56266.26563	505771.5	5408889.2
L5770.0	505771.5	5408889.2	9135.70020	360.98	0	48.832953	-86.921355	56289.06	56251.3	-1.27	56287.79	56225.14453	56360.11191	56263.29297	505771.5	5408889.2
L5770.0	505771.5	5408891.0	9135.79981	361.44	0	48.832969	-86.921356	56288.35	56251.3	-1.27	56287.08	56224.53906	56355.81948	56259.07031	505771.5	5408891.0
L5770.0	505771.5	5408892.4	9135.79981	361.44	0	48.832982	-86.921356	56288.12	56251.3	-1.27	56286.85	56224.41797	56363.60896	56266.92969	505771.5	5408892.4
L5770.0	505771.4	5408894.2	9136.00000	363.10	0	48.832998	-86.921356	56287.13	56251.3	-1.27	56285.86	56223.54297	56352.85661	56256.25781	505771.4	5408894.2
L5770.0	505771.4	5408894.2	9136.09961	361.00	0	48.832998	-86.921356	56286.51	56251.3	-1.27	56285.24	56223.03906	56351.47013	56254.95703	505771.4	5408894.2
L5770.0	505771.4	5408895.7	9136.20020	360.72	0	48.833012	-86.921356	56286.18	56251.3	-1.26	56284.92	56222.83984	56357.72100	56261.29688	505771.4	5408895.7
L5770.0	505771.4	5408895.7	9136.29981	360.70	0	48.833012	-86.921356	56285.52	56251.3	-1.26	56284.26	56222.30469	56355.80342	56259.47266	505771.4	5408895.7
L5770.0	505771.4	5408898.1	9136.40039	361.26	0	48.833033	-86.921356	56284.75	56251.3	-1.26	56283.50	56221.67188	56351.64480	56255.41797	505771.4	5408898.1
L5770.0	505771.4	5408899.2	9136.50000	362.97	0	48.833043	-86.921356	56283.93	56251.3	-1.25	56282.68	56220.98438	56346.23311	56250.10938	505771.4	5408899.2
L5770.0	505771.4	5408900.9	9136.59961	363.80	0	48.833058	-86.921356	56283.37	56251.3	-1.25	56282.12	56220.55859	56347.47144	56251.46094	505771.4	5408900.9
L5770.0	505771.4	5408900.9	9136.70020	365.21	0	48.833058	-86.921356	56282.81	56251.2	-1.25	56281.56	56220.13672	56348.93866	56253.04688	505771.4	5408900.9
L5770.0	505771.4	5408902.0	9136.79981	364.19	0	48.833068	-86.921356	56282.10	56251.2	-1.25	56280.85	56219.57031	56346.93027	56251.16016	505771.4	5408902.0
L5770.0	505771.4	5408903.8	9136.90039	362.08	0	48.833084	-86.921356	56281.25	56251.2	-1.24	56280.01	56218.87500	56341.94019	56246.29688	505771.4	5408903.8
L5770.0	505771.4	5408903.8	9137.00000	363.23	0	48.833084	-86.921356	56280.66	56251.2	-1.24	56279.42	56218.43359	56343.35320	56247.84375	505771.4	5408903.8
L5770.0	505771.4	5408905.9	9137.09961	361.58	0	48.833103	-86.921356	56280.21	56251.2	-1.24	56278.97	56218.13281	56348.45261	56253.08203	505771.4	5408905.9
L5770.0	505771.4	5408907.7	9137.20020	359.79	0	48.833119	-86.921356	56279.44	56251.2	-1.24	56278.20	56217.51953	56345.87782	56250.65234	505771.4	5408907.7
L5770.0	505771.4	5408907.7	9137.29981	358.43	0	48.833119	-86.921356	56278.38	56251.2	-1.24	56277.14	56216.61719	56336.36964	56241.29297	505771.4	5408907.7
L5770.0	505771.4	5408909.1	9137.40039	359.35	0	48.833132	-86.921356	56277.75	56251.2	-1.24	56276.52	56216.16016	56337.95671	56243.03516	505771.4	5408909.1
L5770.0	505771.4	5408910.6	9137.50000	359.86	0	48.833146	-86.921355	56277.30	56251.2	-1.24	56276.06	56215.86328	56343.72380	56248.96094	505771.4	5408910.6
L5770.0	505771.4	5408910.6	9137.59961	361.37	0	48.833146	-86.921355	56276.82	56251.2	-1.23	56275.58	56215.55469	56349.22540	56254.62891	505771.4	5408910.6
L5770.0	505771.4	5408912.3	9137.70020	363.13	0	48.833161	-86.921355	56275.56	56251.2	-1.23	56274.33	56214.47266	56335.93878	56241.51172	505771.4	5408912.3
L5770.0	505771.4	5408914.1	9137.79981	360.14	0	48.833177	-86.921355	56274.97	56251.2	-1.23	56273.74	56214.05859	56339.18032	56244.92969	505771.4	5408914.1
L5770.0	505771.4	5408915.5	9137.79981	360.14	0	48.833190	-86.921355	56274.26	56251.2	-1.23	56273.03	56213.52734	56339.68640	56245.61328	505771.4	5408915.5
L5770.0	505771.4	5408915.5	9138.00000	361.81	0	48.833190	-86.921355	56273.37	56251.2	-1.23	56272.14	56212.81641	56335.97512	56242.08594	505771.4	5408915.5
L5770.0	505771.4	5408917.2	9138.09961	359.54	0	48.833205	-86.921355	56272.63	56251.2	-1.23	56271.40	56212.25781	56336.19636	56242.49609	505771.4	5408917.2
L5770.0	505771.5	5408918.7	9138.20020	359.65	0	48.833219	-86.921355	56272.12	56251.2	-1.23	56270.89	56211.93359	56342.32580	56248.82031	505771.5	5408918.7
L5770.0	505771.5	5408918.7	9138.29981	360.73	0	48.833219	-86.921355	56271.22	56251.2	-1.23	56270.00	56211.23438	56339.29830	56245.99219	505771.5	5408918.7
L5770.0	505771.5	5408920.6	9138.40039	363.21	0	48.833235	-86.921355	56270.41	56251.2	-1.23	56269.18	56210.60547	56338.22741	56245.12500	505771.5	5408920.6
L5770.0	505771.5	5408922.3	9138.50000	364.24	0	48.833251	-86.921355	56269.48	56251.2	-1.22	56268.26	56209.87891	56334.91463	56242.01953	505771.5	5408922.3
L5770.0	505771.5	5408923.8	9138.59961	363.36	0	48.833264	-86.921355	56268.67	56251.2	-1.22	56267.45	56209.26563	56334.54628	56241.86328	505771.5	5408923.8
L5770.0	505771.5	5408923.8	9138.70020	363.46	0	48.833264	-86.921355	56267.86	56251.2	-1.22	56266.64	56208.65234	56334.40572	56241.94141	505771.5	5408923.8
L5770.0	505771.5	5408925.5	9138.79981	363.23	0	48.833279	-86.921355	56266.91	56251.2	-1.22	56265.68	56207.89453	56330.78845	56238.54688	505771.5	5408925.5
L5770.0	505771.5	5408927.1	9138.90039	363.46	0	48.833294	-86.921355	56266.13	56251.2	-1.22	56264.91	56207.32813	56332.09143	56240.07422	505771.5	5408927.1
L5770.0	505771.5	5408927.1	9139.00000	364.60	0	48.833294	-86.921355	56265.20	56251.2	-1.22	56263.97	56206.59766	56329.42386	56237.63281	505771.5	5408927.1
L5770.0	505771.5	5408927.1	9139.09961	364.96	0	48.833294	-86.921355	56264.44	56251.2	-1.22	56263.22	56206.05469	56331.67671	56240.11719	505771.5	5408927.1
L5770.0	505771.5	5408929.5	9139.20020	363.98	0	48.833315	-86.921355	56263.23	56251.2	-1.22	56262.01	56205.05469	56322.79711	56231.47656	505771.5	5408929.5
L5770.0	505771.5	5408930.8	9139.29981	365.63	0	48.833327	-86.921355	56262.29	56251.2	-1.22	56261.07	56204.33203	56320.81391	56229.73438	505771.5	5408930.8
L5770.0	505771.5	5408932.4	9139.40039	365.96	0	48.833341	-86.921355	56261.72	56251.2	-1.22	56260.50	56203.97656	56328.19692	56237.35938	505771.5	5408932.4
L5770.0	505771.5	5408932.4	9139.50000	362.26	0	48.833341	-86.921355	56260.71	56251.2	-1.22	56259.49	56203.18359	56324.94188	56234.35156	505771.5	5408932.4
L5770.0	505771.5	5408934.1	9139.59961	361.88	0	48.833357	-86.921355	56259.74	56251.2	-1.22	56258.52	56202.43359	56322.90346	56232.56250	505771.5	5408934.1
L5770.0	505771.5	5408935.8	9139.70020	360.05	0	48.833372	-86.921354	56258.93	56251.2	-1.22	56257.71	56201.84766	56325.04550	56234.96094	505771.5	5408935.8
L5770.0	505771.5	5408935.8	9139.79981	360.04	0	48.833372	-86.921354	56257.95	56251.2	-1.22	56256.73	56201.08984	56323.21826	56233.39063	505771.5	5408935.8
L5770.0	505771.5	5408937.3	9139.79981	360.04	0	48.833386	-86.921354	56256.63	56251.2	-1.22	56255.41	56199.99609	56313.22353	56223.65625	505771.5	5408937.3
L5770.0	505771.5	5408939.3	9139.90039	360.26	0	48.833403	-86.921354	56255.88	56251.2	-1.22	56254.66	56199.47656	56317.53570	56228.23047	505771.5	5408939.3
L5770.0	505771.5	5408940.7	9140.00000	360.72	0	48.833416	-86.921354	56255.11	56251.2	-1.22	56253.89	56198.93750	56321.58392	56232.54297	505771.5	5408940.7
L5770.0	505771.5	5408940.7	9140.09961	359.02	0	48.833416	-86.921354	56254.10	56251.2	-1.22	56252.88	56198.15625	56319.93517	56231.16406	505771.5	5408940.7
L5770.0	505771.5	5408942.4	9140.20020	358.99	0	48.833431	-86.921354	56252.87	56251.2	-1.22	56251.65	56197.16016	56313.08369	56224.58203	505771.5	5408942.4
L5770.0	505771.5	5408944.1	9140.29981	358.38	0	48.833447	-86.921354	56251.78	56251.2	-1.22	56250.56	56196.30469	56309.92067	56221.69141	505771.5	5408944.1
L5770.0	505771.5	5408944.1	9140.50000	358.56	0	48.833447	-86.921354	56250.98	56251.2	-1.22	56249.76	56195.74219	56314.15096	56226.19922	505771.5	5408944.1
L5770.0	505771.5	5408946.3	9140.59961	358.09	0	48.833466	-86.921354	56249.88	56251.2	-1.22	56248.66	56194.88281	56311.20375	56223.52734	505771.5	5408946.3
L5770.0	505771.5	5408946.3	9140.70020	359.84	0	48.833466	-86.921354	56248.66	56251.2	-1.22	56247.44	56193.90234	56305.52482	56218.12891	505771.5	5408946.3
L5770.0	505771.5	5408948.3	9140.79981	361.15	0	48.833485	-86.921354	56247.67	56251.2	-1.22	56246.45	56193.15234	56305.75841	56218.64453	505771.5	5408948.3
L5770.0	505771.5	5408949.2	9140.90039	361.06	0	48.833493	-86.921354	56246.80	56251.2	-1.22	56245.58	56192.52734	56309.18820	56222.35547	505771.5	5408949.2
L5770.0	505771.5	5408950.7	9141.00000	362.52	0	48.833506	-86.921354	56245.55	56251.2	-1.22	56244.33	56191.51953	56303.46611	56216.91797	505771.5	5408950.7
L5770.0	505771.6	5408951.9	9141.09961	364.19	0	48.833517	-86.921353	56244.41	56251.2	-1.22	56243.18	56190.61719	56300.44697	56214.18359	505771.6	5408951.9
L5770.0	505771.6	5408951.9	9141.20020	364.45	0	48.833517	-86.921353	56243.40	56251.2	-1.22	56242.18	56189.86328	56301.36595	56215.39063	505771.6	5408951.9
L5770.0	505771.6	5408954.1	9141.29981	363.12	0	48.833537	-86.921353	56242.29	56251.2	-1.22	56241.06	56188.99219	56299.55522	56213.86719	505771.6	5408954.1
L5770.0	505771.6	5408954.1	9141.40039	361.66	0	48.833537	-86.921353	56241.13	56251.2	-1.22	56239.91	56188.08984	56297.23782	56211.83984	505771.6	5408954.1
L5770.0	505771.6	5408955.7	9141.50000	363.15	0	48.833551	-86.921353	56240.02	56251.2	-1.23	56238.79	56187.22266	56295.89585	56210.78906	505771.6	5408955.7
L5770.0	505771.6	5408957.2	9141.59961	362.68	0	48.833564	-86.921352	56238.77	56251.2	-1.23	56237.54	56186.22266	56291.57812	56206.76172	505771.6	5408957.2
L5770.0	505771.7	5408958.7	9141.70020	362.59	0	48.833578	-86.921352	56237.87	56251.2	-1.23	56236.64	56185.57813	56296.13937	56211.61328	505771.7	5408958.7

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5770.0	505771.7	5408960.4	9141.79981	361.46	0	48.833593	-86.921352	56236.46	56251.2	-1.23	56235.24	56184.42969	56288.58755	56204.35547	505771.7	5408960.4
L5770.0	505771.7	5408960.4	9141.79981	361.46	0	48.833593	-86.921352	56235.34	56251.2	-1.23	56234.11	56183.55469	56287.93945	56204.00391	505771.7	5408960.4
L5770.0	505771.7	5408962.0	9142.00000	365.38	0	48.833607	-86.921351	56234.35	56251.2	-1.23	56233.12	56182.82031	56290.98471	56207.33984	505771.7	5408962.0
L5770.0	505771.7	5408963.7	9142.09961	364.44	0	48.833623	-86.921351	56233.23	56251.2	-1.23	56232.00	56181.95313	56291.05536	56207.70313	505771.7	5408963.7
L5770.0	505771.7	5408963.7	9142.20020	364.06	0	48.833623	-86.921351	56232.00	56251.2	-1.23	56230.77	56180.98047	56288.64551	56205.58984	505771.7	5408963.7
L5770.0	505771.8	5408965.5	9142.29981	363.41	0	48.833639	-86.921350	56230.41	56251.2	-1.23	56229.18	56179.64844	56277.58110	56194.82031	505771.8	5408965.5
L5770.0	505771.8	5408965.5	9142.40039	363.96	0	48.833639	-86.921350	56229.40	56251.2	-1.23	56228.18	56178.90625	56281.32424	56198.85547	505771.8	5408965.5
L5770.0	505771.8	5408967.3	9142.50000	365.40	0	48.833656	-86.921350	56228.34	56251.2	-1.23	56227.11	56178.09375	56283.57511	56201.40234	505771.8	5408967.3
L5770.0	505771.8	5408969.0	9142.59961	364.20	0	48.833671	-86.921349	56227.13	56251.2	-1.22	56225.91	56177.15234	56282.85197	56200.96875	505771.8	5408969.0
L5770.0	505771.8	5408969.0	9142.70020	364.40	0	48.833671	-86.921349	56225.90	56251.2	-1.22	56224.67	56176.17188	56281.37759	56199.78906	505771.8	5408969.0
L5770.0	505771.9	5408971.5	9142.79981	361.17	0	48.833693	-86.921349	56224.47	56251.2	-1.22	56223.25	56175.01172	56275.69441	56194.39844	505771.9	5408971.5
L5770.0	505771.9	5408971.5	9142.90039	360.36	0	48.833693	-86.921349	56223.24	56251.2	-1.22	56222.02	56174.04297	56274.94027	56193.93750	505771.9	5408971.5
L5770.0	505771.9	5408973.0	9143.00000	360.99	0	48.833707	-86.921349	56221.88	56251.2	-1.22	56220.66	56172.94141	56271.21216	56190.50000	505771.9	5408973.0
L5770.0	505771.9	5408974.5	9143.09961	360.01	0	48.833720	-86.921348	56220.77	56251.2	-1.22	56219.55	56172.09375	56273.89481	56193.47266	505771.9	5408974.5
L5770.0	505771.9	5408976.0	9143.20020	361.89	0	48.833734	-86.921348	56219.47	56251.2	-1.22	56218.25	56171.05469	56272.12157	56191.98828	505771.9	5408976.0
L5770.0	505771.9	5408976.0	9143.29981	364.85	0	48.833734	-86.921348	56218.15	56251.2	-1.22	56216.93	56169.99609	56270.09079	56190.25000	505771.9	5408976.0
L5770.0	505771.9	5408977.9	9143.40039	363.02	0	48.833751	-86.921348	56216.57	56251.2	-1.22	56215.36	56168.68359	56262.12210	56182.56641	505771.9	5408977.9
L5770.0	505772.0	5408979.9	9143.50000	363.28	0	48.833769	-86.921347	56215.34	56251.2	-1.21	56214.13	56167.71484	56262.78654	56183.51953	505772.0	5408979.9
L5770.0	505772.0	5408979.9	9143.59961	362.09	0	48.833769	-86.921347	56214.19	56251.2	-1.21	56212.97	56166.81641	56265.41582	56186.43359	505772.0	5408979.9
L5770.0	505772.0	5408981.4	9143.70020	360.95	0	48.833782	-86.921347	56212.98	56251.2	-1.21	56211.76	56165.86719	56267.04620	56188.34766	505772.0	5408981.4
L5770.0	505772.0	5408983.1	9143.79981	359.96	0	48.833797	-86.921347	56211.56	56251.2	-1.21	56210.35	56164.71875	56263.97302	56185.55859	505772.0	5408983.1
L5770.0	505772.0	5408983.1	9143.79981	359.96	0	48.833797	-86.921347	56209.90	56251.2	-1.21	56208.69	56163.31641	56254.96131	56176.82813	505772.0	5408983.1
L5770.0	505772.0	5408984.9	9144.00000	358.50	0	48.833814	-86.921347	56208.72	56251.2	-1.21	56207.51	56162.39844	56258.03963	56180.18750	505772.0	5408984.9
L5770.0	505772.0	5408986.6	9144.09961	358.99	0	48.833829	-86.921347	56207.41	56251.2	-1.21	56206.20	56161.34766	56258.14280	56180.56641	505772.0	5408986.6
L5770.0	505772.0	5408987.9	9144.20020	360.06	0	48.833841	-86.921347	56205.71	56251.2	-1.21	56204.50	56159.90625	56248.84954	56171.55078	505772.0	5408987.9
L5770.0	505772.0	5408987.9	9144.29981	359.43	0	48.833841	-86.921347	56204.34	56251.2	-1.21	56203.13	56158.79297	56247.94150	56170.91797	505772.0	5408987.9
L5770.0	505772.0	5408989.5	9144.40039	359.24	0	48.833855	-86.921347	56202.93	56251.2	-1.21	56201.72	56157.64063	56246.28079	56169.53125	505772.0	5408989.5
L5770.0	505772.0	5408989.5	9144.50000	359.75	0	48.833855	-86.921347	56201.72	56251.2	-1.21	56200.51	56156.68750	56249.79463	56173.31641	505772.0	5408989.5
L5770.0	505772.0	5408991.5	9144.59961	363.11	0	48.833873	-86.921347	56200.20	56251.2	-1.21	56198.99	56155.42578	56245.88765	56169.67969	505772.0	5408991.5
L5770.0	505772.0	5408993.2	9144.70020	363.96	0	48.833888	-86.921346	56198.65	56251.2	-1.21	56197.44	56154.12891	56241.47501	56165.53516	505772.0	5408993.2
L5770.0	505772.0	5408993.2	9144.79981	364.10	0	48.833888	-86.921346	56197.16	56251.2	-1.21	56195.95	56152.89453	56238.77955	56163.10938	505772.0	5408993.2
L5770.0	505772.0	5408994.6	9144.90039	366.28	0	48.833901	-86.921346	56195.93	56251.2	-1.21	56194.72	56151.91797	56242.74078	56167.33594	505772.0	5408994.6
L5770.0	505772.0	5408996.3	9145.00000	367.49	0	48.833917	-86.921346	56194.28	56251.2	-1.21	56193.07	56150.52344	56236.56507	56161.42188	505772.0	5408996.3
L5770.0	505772.0	5408996.3	9145.09961	364.10	0	48.833917	-86.921346	56192.73	56251.2	-1.21	56191.52	56149.22656	56233.09506	56158.21094	505772.0	5408996.3
L5770.0	505772.0	5408998.2	9145.20020	364.55	0	48.833933	-86.921346	56191.32	56251.2	-1.20	56190.12	56148.07813	56233.56595	56158.94141	505772.0	5408998.2
L5770.0	505772.0	5408999.9	9145.29981	361.97	0	48.833949	-86.921346	56189.86	56251.2	-1.20	56188.66	56146.86719	56232.79184	56158.42578	505772.0	5408999.9
L5770.0	505772.0	5409001.3	9145.40039	360.47	0	48.833961	-86.921346	56188.56	56251.2	-1.20	56187.37	56145.82813	56236.45351	56162.34375	505772.0	5409001.3
L5770.0	505772.0	5409002.5	9145.50000	362.05	0	48.833972	-86.921346	56186.62	56251.2	-1.19	56185.43	56144.13281	56224.30015	56150.44141	505772.0	5409002.5
L5770.0	505772.0	5409002.5	9145.59961	361.40	0	48.833972	-86.921346	56185.12	56251.2	-1.19	56183.93	56142.88281	56223.25202	56149.64453	505772.0	5409002.5
L5770.0	505772.0	5409004.0	9145.70020	362.55	0	48.833986	-86.921346	56183.56	56251.2	-1.19	56182.37	56141.56641	56220.96150	56147.60156	505772.0	5409004.0
L5770.0	505772.0	5409005.4	9145.79981	362.37	0	48.833999	-86.921346	56182.06	56251.2	-1.19	56180.87	56140.31250	56220.39309	56147.28125	505772.0	5409005.4
L5770.0	505772.0	5409005.4	9145.79981	362.37	0	48.833999	-86.921346	56180.57	56251.2	-1.19	56179.39	56139.07422	56220.55993	56147.69531	505772.0	5409005.4
L5770.0	505772.0	5409007.2	9146.00000	361.29	0	48.834015	-86.921346	56179.00	56251.2	-1.18	56177.82	56137.74609	56218.74647	56146.12500	505772.0	5409007.2
L5770.0	505772.0	5409008.9	9146.09961	362.12	0	48.834029	-86.921346	56177.21	56251.2	-1.18	56176.03	56136.19531	56211.74336	56139.36328	505772.0	5409008.9
L5770.0	505772.0	5409008.9	9146.20020	365.24	0	48.834029	-86.921346	56175.57	56251.2	-1.18	56174.39	56134.79297	56208.68975	56136.54688	505772.0	5409008.9
L5770.0	505772.0	5409011.6	9146.29981	364.88	0	48.834054	-86.921347	56174.30	56251.2	-1.18	56173.12	56133.76172	56215.02041	56143.11328	505772.0	5409011.6
L5770.0	505772.0	5409011.6	9146.40039	362.74	0	48.834054	-86.921347	56172.44	56251.2	-1.18	56171.26	56132.13672	56207.02795	56135.35938	505772.0	5409011.6
L5770.0	505772.0	5409013.3	9146.50000	363.19	0	48.834069	-86.921347	56170.69	56251.2	-1.18	56169.51	56130.62109	56202.00184	56130.56641	505772.0	5409013.3
L5770.0	505772.0	5409014.5	9146.59961	364.26	0	48.834080	-86.921347	56169.41	56251.2	-1.17	56168.23	56129.57031	56208.83477	56137.62891	505772.0	5409014.5
L5770.0	505772.0	5409014.5	9146.70020	362.70	0	48.834080	-86.921347	56167.68	56251.2	-1.17	56166.51	56128.08203	56205.05452	56134.07813	505772.0	5409014.5
L5770.0	505772.0	5409016.4	9146.79981	362.22	0	48.834098	-86.921347	56165.82	56251.2	-1.17	56164.65	56126.44922	56198.07219	56127.32422	505772.0	5409016.4
L5770.0	505772.0	5409018.3	9146.90039	363.28	0	48.834114	-86.921347	56164.35	56251.2	-1.17	56163.18	56125.20703	56200.97926	56130.45703	505772.0	5409018.3
L5770.0	505772.0	5409020.1	9147.00000	362.60	0	48.834130	-86.921347	56162.84	56251.2	-1.17	56161.67	56123.92188	56203.15835	56132.86328	505772.0	5409020.1
L5770.0	505772.0	5409020.1	9147.09961	362.18	0	48.834130	-86.921347	56160.89	56251.2	-1.17	56159.72	56122.19531	56194.73307	56124.66016	505772.0	5409020.1
L5770.0	505771.9	5409021.7	9147.20020	361.03	0	48.834145	-86.921347	56159.22	56251.2	-1.17	56158.05	56120.74219	56193.48762	56123.63281	505771.9	5409021.7
L5770.0	505771.9	5409023.4	9147.29981	360.04	0	48.834160	-86.921347	56157.63	56251.2	-1.17	56156.46	56119.37109	56194.48517	56124.84766	505771.9	5409023.4
L5770.0	505771.9	5409023.4	9147.40039	358.63	0	48.834160	-86.921347	56155.68	56251.2	-1.17	56154.51	56117.63672	56186.86173	56117.44531	505771.9	5409023.4
L5770.0	505771.9	5409023.4	9147.50000	357.26	0	48.834160	-86.921347	56153.88	56251.2	-1.17	56152.71	56116.05078	56183.21540	56114.01172	505771.9	5409023.4
L5770.0	505771.9	5409025.4	9147.59961	358.00	0	48.834178	-86.921347	56152.26	56251.2	-1.18	56151.08	56114.63281	56184.04288	56115.05469	505771.9	5409025.4
L5770.0	505771.9	5409026.6	9147.70020	356.24	0	48.834189	-86.921348	56150.53	56251.2	-1.18	56149.35	56113.11328	56182.67881	56113.90234	505771.9	5409026.6
L5770.0	505771.9	5409028.5	9147.79981	356.35	0	48.834206	-86.921348	56148.57	56251.2	-1.18	56147.40	56111.37109	56176.16243	56107.59766	505771.9	5409028.5
L5770.0	505771.9	5409029.8	9147.79981	356.35	0	48.834218	-86.921348	56146.73	56251.2	-1.18	56145.55	56109.72656	56172.39960	56104.04297	505771.9	5409029.8
L5770.0	505771.9	5409029.8	9148.00000	359.37	0	48.834218	-86.921348	56145.28	56251.2	-1.18	56144.10	56108.47656	56178.80224	56110.65625	505771.9	5409029.8
L5770.0	505771.9	5409031.9	9148.09961	360.31	0	48.834236	-86.921348	56143.16	56251.2	-1.18	56141.98	56106.55859	56168.94759	56101.00781	505771.9	5409031.9
L5770.0	505771.9	5409033.4	9148.20020	360.75	0	48.834250	-86.921348	56141.23	56251.2	-1.18	56140.05	56104.82422	56164.07777	56096.34375	505771.9	5409033.4
L5770.0	505771.9	5409033.4	9148.29981	361.36	0	48.834250	-86.921348	56139.64	56251.2	-1.17	56138.47	56103.44141	56168.14708	56100.61719	505771.9	5409033.4
L5770.0	505771.9	5409034.7	9148.40039	360.98	0	48.834261	-86.921348	56137.77	56251.2	-1.17	56136.60	56101.76172	56165.35226	56098.02734	505771.9	5409034.7
L5770.0	505771.9	5409036.3	9148.50000	361.63	0	48.834276	-86.921348	56136.00	56251.2	-1.17	56134.83	56100.18359	56165.32771	56098.20313	505771.9	5409036.3
L5770.0	505771.8	5409038.0	9148.59961	363.15	0	48.834291	-86.921348	56133.86	56251.2	-1.17	56132.69	56098.23047	56156.46845	56089.54688	505771.8	5409038.0
L5770.0	505771.8	5409038.0	9148.70020	360.93	0	48.834291	-86.921348	56132.22	56251.2	-1.17	56131.06	56096.78516	56160.51009	56093.78516	505771.8	5409038.0
L5770.0	505771.8	5409039.5	9148.79981	361.55	0	48.834305	-86.921348	56130.42	56251.2	-1.16	56129.25	56095.15625	56160.41406	56093.88672	505771.8	5409039.5
L5770.0	505771.8	5409041.3	9148.90039	361.08	0	48.834321	-86.921349	56128.36	56251.2	-1.16	56127.20	56093.28516	56154.70059	56088.37500	505771.8	5409041.3
L5770.0	505771.8	5409041.3	9149.00000	359.29	0	48.834321	-86.921349	56126.29	56251.2	-1.16	56125.13	56091.39063	56148.80485	56082.67578	505771.8	5409041.3
L5770.0	505771.8	5409042.6	9149.09961	361.89	0	48.834333	-86.921349	56124.36	56251.2	-1.16	56123.20	56089.63281	56146.67993	56080.74609	505771.8	5409042.6
L5770.0	505771.8	5409044.0	9149.20020	361.56	0	48.834346	-86.921349	56122.67	56251.2	-1.16	56121.51	56088.11719	56150.79688	56085.05859	505771.8	5409044.0
L5770.0	505771.8	5409044.0	9149.29981	361.12	0	48.834346	-86.921349	56120.44	56251.2	-1.16	56119.28	56086.05469	56141.89320	56076.34766	505771.8	5409044.0
L5770.0	505771.8	5409046.0	9149.40039	360.68	0	48.834363	-86.921349	56118.40	56251.2	-1.16	56117.23	56084.16797	56137.75137	56072.39844	505771.8	5409046.0
L5770.0	505771.8	5409047.6	9149.50000	357.93	0	48.834378	-86.921349	56116.52	56251.2	-1.17	56115.35	56082.44922	56138.12479	56072.96484	505771.8	5409047.6
L5770.0	505771.7	5409049.0	9149.59961	361.47	0	48.834391	-86.921350	56114.66	56251.2	-1.17	56113.49	56080.75000	56139.30895	56074.34375	505771.7	5409049.0
L5770.0	505771.7	5409050.3	9149.70020	361.83	0	48.834402	-86.921350	56112.55	56251.2	-1.17	56111.38	56078.79297	56134.63528	56069.85938	505771.7	5409050.3
L5770.0	505771.7	5409050.3	9149.79981	362.66	0	48.834402	-86.921350	56110.38	56251.2	-1.17	56109.22	56076.78906	56129.04230	56064.45703	505771.7	5409050.3
L5770.0	505771.7	5409051.7	9149.79981	362.66	0	48.834415	-86.921350	56108.36	56251.2	-1.17	56107.19	56074.90625	56126.97412	56062.57813	505771.7	5409051.7
L5770.0	505771.7	5409053.4	9150.00000	361.09	0	48.834430	-86.921350	56106.31	56251.2	-1.17	56105.14	56073.00391	56124.72437	56060.51953	505771.7	5409053.4
L5770.0	505771.7	5409053.4	9150.09961	360.83	0	48.834430	-86.921350	56104.02	56251.2	-1.17	56102.85	56070.85938	56116.85737	56052.83984	505771.7	5409053.4
L5770.0	505771.7	5409055.4	9150.20020	360.81	0	48.834448	-86.921350	56102.09	56251.2	-1.17	56100.92	56069.07031	56118.18831	56054.35938	505771.7	5409055.4
L5770.0	505771.7	5409056.8	9150.29981	360.86	0	48.834460	-86.921350	56100.06	56251.2	-1.17	56098.89	56067.17578	56117.35308	56053.71094	505771.7	5409056.8
L5770.0	505771.7	5409057.9	9150.40039	360.80	0	48.834471	-86.921351	56097.75	56251.2	-1.17	56096.58	56065.00000	56109.90211	56046.44531	505771.7	5409057.9
L5770.0	505771.7	5409057.9	9150.50000	361.43	0	48.834471	-86.921351	56095.46	56251.2	-1.17	56094.29	56062.83984	56103.23960	56039.96875	505771.7	5409057.9
L5770.0	505771.7	5409059.6	9150.59961	362.78	0	48.834486	-86.921350	56093.15	56251.2	-1.16	56091.98	56060.66016	56096.37218	56033.28906	505771.7	5409059.6
L5770.0	505771.7	5409061.1	9150.70020	362.66	0	48.834500	-86.921350	56091.25	56251.2	-1.16	56090.09	56058.89453	56100.16024	56037.26172	505771.7	5409061.1
L5770.0	505771.7	5409061.1	9150.79981	361.98	0	48.834500	-86.921350	56089.11	56251.2	-1.16	56087.94	56056.86719	56097.80293	56035.08984	505771.7	5409061.1
L5770.0	505771.7	5409062.8	9150.90039	361.70	0	48.834514	-86.921350	56087.04	56251.2	-1.16	56085.87	56054.91406	56097.68946	56035.16016	505771.7	5409062.8
L5770.0	505771.7	5409064.9	9151.00000	362.47	0	48.834533	-86.921350	56084.70	56251.2	-1.16	56083.54	56052.69922	56091.41434	56029.07031	505771.7	5409064.9

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5770.0	505771.7	5409066.2	9151.09961	360.81	0	48.834545	-86.921350	56082.30	56251.2	-1.16	56081.14	56050.41016	56083.66062	56021.50000	505771.7	5409066.2
L5770.0	505771.7	5409066.2	9151.20020	362.16	0	48.834545	-86.921350	56080.33	56251.2	-1.16	56079.17	56048.55078	56086.76653	56024.78516	505771.7	5409066.2
L5770.0	505771.7	5409067.5	9151.29981	361.11	0	48.834557	-86.921350	56078.00	56251.2	-1.15	56076.85	56046.33594	56081.45745	56019.66016	505771.7	5409067.5
L5770.0	505771.7	5409069.4	9151.40039	359.55	0	48.834574	-86.921350	56075.82	56251.2	-1.15	56074.67	56044.25781	56079.82288	56018.20703	505771.7	5409069.4
L5770.0	505771.7	5409069.4	9151.50000	360.83	0	48.834574	-86.921350	56073.30	56251.2	-1.15	56072.15	56041.83594	56069.99550	56008.56250	505771.7	5409069.4
L5770.0	505771.7	5409071.5	9151.59961	359.69	0	48.834592	-86.921349	56071.20	56251.1	-1.15	56070.05	56039.83203	56070.73112	56009.47656	505771.7	5409071.5
L5770.0	505771.7	5409071.5	9151.70020	359.78	0	48.834592	-86.921349	56068.97	56251.1	-1.15	56067.82	56037.69531	56068.43179	56007.35938	505771.7	5409071.5
L5770.0	505771.7	5409073.1	9151.79981	361.18	0	48.834607	-86.921349	56066.66	56251.1	-1.14	56065.52	56035.48438	56064.56367	56003.66797	505771.7	5409073.1
L5770.0	505771.7	5409074.8	9151.79981	361.18	0	48.834622	-86.921349	56064.17	56251.1	-1.14	56063.02	56033.07031	56055.89958	55995.18359	505771.7	5409074.8
L5770.0	505771.7	5409076.5	9152.00000	361.75	0	48.834637	-86.921349	56062.06	56251.1	-1.14	56060.92	56031.05078	56057.24005	55996.70313	505771.7	5409076.5
L5770.0	505771.7	5409078.2	9152.09961	362.66	0	48.834653	-86.921349	56059.82	56251.1	-1.14	56058.68	56028.89063	56055.23028	55994.87109	505771.7	5409078.2
L5770.0	505771.7	5409078.2	9152.20020	364.24	0	48.834653	-86.921349	56057.13	56251.1	-1.14	56056.00	56026.28516	56042.44170	55982.25781	505771.7	5409078.2
L5770.0	505771.7	5409079.8	9152.29981	360.46	0	48.834667	-86.921350	56054.96	56251.1	-1.14	56053.82	56024.17969	56042.06891	55982.05859	505771.7	5409079.8
L5770.0	505771.7	5409079.8	9152.40039	358.75	0	48.834667	-86.921350	56052.78	56251.1	-1.14	56051.65	56022.07813	56041.98903	55982.15625	505771.7	5409079.8
L5770.0	505771.7	5409081.8	9152.50000	359.29	0	48.834686	-86.921350	56050.48	56251.1	-1.13	56049.34	56019.83594	56038.47513	55978.81641	505771.7	5409081.8
L5770.0	505771.7	5409081.8	9152.59961	360.34	0	48.834686	-86.921350	56047.88	56251.1	-1.13	56046.74	56017.29688	56027.79936	55968.31250	505771.7	5409081.8
L5770.0	505771.7	5409084.9	9152.70020	360.29	0	48.834713	-86.921350	56045.75	56251.1	-1.13	56044.61	56015.22656	56028.70705	55969.39453	505771.7	5409084.9
L5770.0	505771.7	5409084.9	9152.79981	361.58	0	48.834713	-86.921350	56043.40	56251.1	-1.13	56042.27	56012.94531	56024.37913	55965.23438	505771.7	5409084.9
L5770.0	505771.7	5409086.3	9152.90039	365.18	0	48.834726	-86.921350	56040.89	56251.1	-1.13	56039.76	56010.48828	56015.77738	55956.80469	505771.7	5409086.3
L5770.0	505771.7	5409086.3	9153.00000	364.03	0	48.834726	-86.921350	56038.71	56251.1	-1.13	56037.58	56008.35547	56015.22320	55956.41797	505771.7	5409086.3
L5770.0	505771.7	5409088.1	9153.09961	363.92	0	48.834742	-86.921350	56036.32	56251.1	-1.13	56035.18	56006.00391	56009.10548	55950.46875	505771.7	5409088.1
L5770.0	505771.7	5409089.3	9153.20020	364.36	0	48.834753	-86.921350	56033.86	56251.1	-1.13	56032.73	56003.59766	56001.59395	55943.12500	505771.7	5409089.3
L5770.0	505771.7	5409091.3	9153.29981	363.69	0	48.834771	-86.921349	56031.33	56251.1	-1.13	56030.20	56001.10938	55991.91818	55933.61328	505771.7	5409091.3
L5770.0	505771.7	5409092.5	9153.40039	361.55	0	48.834782	-86.921349	56029.36	56251.1	-1.13	56028.22	55999.16797	55995.60689	55937.46484	505771.7	5409092.5
L5770.0	505771.7	5409092.5	9153.50000	361.94	0	48.834782	-86.921349	56026.98	56251.1	-1.13	56025.85	55996.83203	55989.41398	55931.43359	505771.7	5409092.5
L5770.0	505771.7	5409094.3	9153.59961	361.78	0	48.834798	-86.921349	56024.25	56251.1	-1.14	56023.11	55994.12109	55973.80162	55915.98438	505771.7	5409094.3
L5770.0	505771.7	5409095.8	9153.70020	361.55	0	48.834811	-86.921349	56021.85	56251.1	-1.14	56020.71	55991.75000	55966.27213	55908.61328	505771.7	5409095.8
L5770.0	505771.7	5409095.8	9153.79981	362.76	0	48.834811	-86.921349	56019.67	56251.1	-1.14	56018.53	55989.59766	55963.82881	55906.32422	505771.7	5409095.8
L5770.0	505771.7	5409097.1	9153.79981	362.76	0	48.834823	-86.921349	56017.54	56251.1	-1.14	56016.40	55987.48828	55962.23956	55904.89063	505771.7	5409097.1
L5770.0	505771.7	5409099.1	9154.00000	364.06	0	48.834841	-86.921349	56014.96	56251.1	-1.14	56013.82	55984.92969	55949.12175	55891.92969	505771.7	5409099.1
L5770.0	505771.7	5409099.1	9154.09961	364.35	0	48.834841	-86.921349	56012.71	56251.1	-1.14	56011.58	55982.70313	55943.95122	55886.91016	505771.7	5409099.1
L5770.0	505771.7	5409101.0	9154.20020	365.21	0	48.834858	-86.921349	56010.34	56251.1	-1.14	56009.20	55980.33984	55934.83837	55877.94531	505771.7	5409101.0
L5770.0	505771.7	5409102.5	9154.29981	362.68	0	48.834872	-86.921349	56008.21	56251.1	-1.14	56007.08	55978.23047	55931.62645	55874.88281	505771.7	5409102.5
L5770.0	505771.7	5409104.0	9154.40039	359.68	0	48.834885	-86.921349	56005.88	56251.1	-1.14	56004.74	55975.89844	55922.42516	55865.82422	505771.7	5409104.0
L5770.0	505771.7	5409104.0	9154.50000	361.63	0	48.834885	-86.921349	56003.38	56251.1	-1.13	56002.24	55973.40234	55908.68023	55852.22266	505771.7	5409104.0
L5770.0	505771.8	5409105.5	9154.59961	362.05	0	48.834899	-86.921349	56001.16	56251.1	-1.13	56000.02	55971.18359	55901.22200	55844.90625	505771.8	5409105.5
L5770.0	505771.8	5409105.5	9154.70020	360.45	0	48.834899	-86.921349	55999.18	56251.1	-1.13	55998.05	55969.21484	55899.27314	55843.09766	505771.8	5409105.5
L5770.0	505771.8	5409107.7	9154.79981	359.33	0	48.834918	-86.921348	55997.14	56251.1	-1.13	55996.01	55967.17188	55894.89417	55838.85156	505771.8	5409107.7
L5770.0	505771.8	5409109.3	9154.90039	358.64	0	48.834933	-86.921348	55994.68	56251.1	-1.13	55993.55	55964.70703	55879.40469	55823.49609	505771.8	5409109.3
L5770.0	505771.8	5409111.1	9155.00000	359.10	0	48.834949	-86.921348	55992.63	56251.1	-1.13	55991.50	55962.64844	55873.26662	55817.48828	505771.8	5409111.1
L5770.0	505771.8	5409111.1	9155.09961	360.79	0	48.834949	-86.921348	55990.53	56251.1	-1.13	55989.40	55960.53906	55865.08310	55809.43359	505771.8	5409111.1
L5770.0	505771.8	5409112.2	9155.20020	361.42	0	48.834959	-86.921347	55988.78	56251.1	-1.12	55987.66	55958.78516	55864.94370	55809.41797	505771.8	5409112.2
L5770.0	505771.9	5409114.2	9155.29981	363.39	0	48.834977	-86.921347	55986.38	56251.1	-1.12	55985.27	55956.37891	55847.86874	55792.46094	505771.9	5409114.2
L5770.0	505771.9	5409115.4	9155.40039	359.92	0	48.834988	-86.921346	55984.58	56251.1	-1.11	55983.47	55954.55859	55844.44678	55789.16016	505771.9	5409115.4
L5770.0	505771.9	5409115.4	9155.50000	359.35	0	48.834988	-86.921346	55982.62	56251.1	-1.11	55981.51	55952.57813	55836.12005	55780.94922	505771.9	5409115.4
L5770.0	505771.9	5409116.9	9155.59961	360.44	0	48.835001	-86.921346	55980.94	56251.1	-1.11	55979.83	55950.87500	55833.72051	55778.66016	505771.9	5409116.9
L5770.0	505772.0	5409118.6	9155.70020	361.47	0	48.835016	-86.921346	55978.94	56251.1	-1.10	55977.84	55948.85938	55822.64290	55767.69141	505772.0	5409118.6
L5770.0	505772.0	5409118.6	9155.79981	359.69	0	48.835016	-86.921346	55977.13	56251.1	-1.10	55976.03	55947.02344	55814.95519	55760.10547	505772.0	5409118.6
L5770.0	505772.0	5409120.1	9155.79981	359.69	0	48.835030	-86.921345	55975.58	56251.1	-1.10	55974.48	55945.44531	55812.60032	55757.85547	505772.0	5409120.1
L5770.0	505772.0	5409121.9	9156.00000	362.39	0	48.835046	-86.921345	55973.54	56251.1	-1.09	55972.45	55943.38281	55797.27057	55742.62109	505772.0	5409121.9
L5770.0	505772.0	5409121.9	9156.09961	363.78	0	48.835046	-86.921345	55972.09	56251.1	-1.09	55971.00	55941.89844	55795.11336	55740.55859	505772.0	5409121.9
L5770.0	505772.0	5409123.2	9156.20020	363.93	0	48.835058	-86.921344	55970.55	56251.1	-1.09	55969.45	55940.31250	55789.30451	55734.83984	505772.0	5409123.2
L5770.0	505772.1	5409124.6	9156.29981	364.99	0	48.835071	-86.921344	55969.21	56251.1	-1.10	55968.11	55938.93359	55787.47064	55733.08984	505772.1	5409124.6
L5770.0	505772.1	5409126.1	9156.40039	364.80	0	48.835084	-86.921344	55967.64	56251.1	-1.10	55966.54	55937.32422	55778.71679	55724.41797	505772.1	5409126.1
L5770.0	505772.1	5409126.1	9156.50000	362.92	0	48.835084	-86.921344	55966.35	56251.1	-1.10	55965.25	55935.99219	55775.61108	55721.39453	505772.1	5409126.1
L5770.0	505772.1	5409127.9	9156.59961	364.94	0	48.835100	-86.921343	55965.11	56251.1	-1.10	55964.01	55934.70703	55772.44711	55718.30078	505772.1	5409127.9
L5770.0	505772.1	5409129.3	9156.70020	364.03	0	48.835113	-86.921343	55963.41	56251.1	-1.10	55962.31	55932.96094	55756.60456	55702.52734	505772.1	5409129.3
L5770.0	505772.1	5409129.3	9156.79981	362.72	0	48.835113	-86.921343	55962.45	56251.1	-1.11	55961.35	55931.95313	55757.69599	55703.68359	505772.1	5409129.3
L5770.0	505772.2	5409130.9	9156.90039	360.63	0	48.835127	-86.921343	55961.19	56251.1	-1.11	55960.08	55930.63672	55749.76737	55695.81641	505772.2	5409130.9
L5770.0	505772.2	5409132.2	9157.00000	360.88	0	48.835138	-86.921342	55959.85	56251.1	-1.11	55958.74	55929.24609	55738.72498	55684.83203	505772.2	5409132.2
L5770.0	505772.2	5409132.2	9157.09961	357.55	0	48.835138	-86.921342	55958.91	56251.1	-1.11	55957.80	55928.25391	55736.15678	55682.31641	505772.2	5409132.2
L5770.0	505772.2	5409135.4	9157.20020	358.55	0	48.835168	-86.921342	55958.38	56251.1	-1.11	55957.27	55927.66797	55742.29166	55688.49609	505772.2	5409135.4
L5770.0	505772.2	5409135.4	9157.29981	360.13	0	48.835168	-86.921342	55957.46	56251.1	-1.11	55956.36	55926.70313	55737.60254	55683.85156	505772.2	5409135.4
L5770.0	505772.3	5409137.1	9157.40039	360.02	0	48.835183	-86.921341	55956.36	56251.1	-1.11	55955.25	55925.53516	55726.51983	55672.80859	505772.3	5409137.1
L5770.0	505772.3	5409138.8	9157.50000	360.18	0	48.835198	-86.921341	55955.75	56251.1	-1.10	55954.65	55924.87891	55726.56485	55672.88672	505772.3	5409138.8
L5770.0	505772.3	5409138.8	9157.59961	358.36	0	48.835198	-86.921341	55955.32	56251.1	-1.10	55954.22	55924.39063	55729.32887	55675.67969	505772.3	5409138.8
L5770.0	505772.3	5409140.6	9157.70020	361.41	0	48.835214	-86.921340	55954.62	56251.1	-1.10	55953.51	55923.61719	55723.68815	55670.05859	505772.3	5409140.6
L5770.0	505772.3	5409141.8	9157.79981	361.20	0	48.835225	-86.921340	55953.88	56251.1	-1.10	55952.78	55922.82422	55716.05539	55662.44531	505772.3	5409141.8
L5770.0	505772.4	5409143.0	9157.79981	361.20	0	48.835236	-86.921340	55953.70	56251.1	-1.10	55952.60	55922.58203	55720.50100	55666.90625	505772.4	5409143.0
L5770.0	505772.4	5409143.0	9158.00000	360.61	0	48.835236	-86.921340	55953.55	56251.1	-1.10	55952.45	55922.36719	55724.17760	55670.59375	505772.4	5409143.0
L5770.0	505772.4	5409144.7	9158.09961	361.88	0	48.835252	-86.921340	55953.25	56251.1	-1.10	55952.15	55922.00391	55722.63641	55669.05469	505772.4	5409144.7
L5770.0	505772.4	5409146.1	9158.20020	363.53	0	48.835264	-86.921339	55952.74	56251.1	-1.10	55951.64	55921.42578	55714.39407	55660.80859	505772.4	5409146.1
L5770.0	505772.4	5409147.7	9158.29981	361.07	0	48.835278	-86.921339	55952.94	56251.1	-1.10	55951.84	55921.55859	55722.17187	55668.58203	505772.4	5409147.7
L5770.0	505772.4	5409147.7	9158.40039	363.44	0	48.835278	-86.921339	55952.79	56251.1	-1.10	55951.69	55921.33984	55719.79310	55666.19141	505772.4	5409147.7
L5770.0	505772.5	5409149.4	9158.50000	362.83	0	48.835293	-86.921338	55952.74	56251.1	-1.09	55951.64	55921.22266	55718.37507	55664.75781	505772.5	5409149.4
L5770.0	505772.5	5409149.4	9158.59961	364.60	0	48.835293	-86.921338	55952.89	56251.1	-1.09	55951.80	55921.31250	55720.63989	55667.00000	505772.5	5409149.4
L5770.0	505772.5	5409151.1	9158.70020	365.64	0	48.835309	-86.921338	55953.12	56251.1	-1.09	55952.03	55921.47266	55723.13725	55669.47266	505772.5	5409151.1
L5770.0	505772.5	5409152.9	9158.79981	365.66	0	48.835325	-86.921337	55953.47	56251.1	-1.09	55952.38	55921.75000	55727.11093	55673.41406	505772.5	5409152.9
L5770.0	505772.5	5409154.0	9158.90039	362.96	0	48.835335	-86.921337	55953.68	56251.1	-1.09	55952.59	55921.88672	55726.15046	55672.41797	505772.5	5409154.0
L5770.0	505772.5	5409154.0	9159.00000	364.73	0	48.835335	-86.921337	55954.08	56251.1	-1.09	55952.99	55922.21484	55728.41818	55674.64453	505772.5	5409154.0
L5770.0	505772.6	5409155.6	9159.09961	365.33	0	48.835349	-86.921337	55954.69	56251.1	-1.09	55953.60	55922.75000	55734.42209	55680.60156	505772.6	5409155.6
L5770.0	505772.6	5409157.2	9159.20020	363.74	0	48.835364	-86.921336	55955.37	56251.1	-1.09	55954.28	55923.35938	55740.72038	55686.84766	505772.6	5409157.2
L5770.0	505772.6	5409158.7	9159.29981	363.11	0	48.835378	-86.921336	55955.75	56251.1	-1.09	55954.66	55923.66406	55738.19254	55684.26172	505772.6	5409158.7
L5770.0	505772.6	5409158.7	9159.40039	361.95	0	48.835378	-86.921336	55956.41	56251.1	-1.09	55955.31	55924.23828	55740.93474	55686.94141	505772.6	5409158.7
L5770.0	505772.6	5409160.4	9159.50000	360.58	0	48.835393	-86.921336	55957.44	56251.1	-1.10	55956.35	55925.20313	55751.93107	55697.87109	505772.6	5409160.4
L5770.0	505772.7	5409161.9	9159.59961	361.01	0	48.835406	-86.921335	55958.41	56251.1	-1.10	55957.31	55926.08984	55759.59603	55705.46484	505772.7	5409161.9
L5770.0	505772.7	5409163.5	9159.70020	362.40	0	48.835420	-86.921335	55958.96	56251.1	-1.10	55957.86	55926.56250	55755.80312	55701.59375	505772.7	5409163.5
L5770.0	505772.7	5409163.5	9159.79981	361.72	0	48.835420	-86.921335	55960.02	56251.1	-1.10	55958.93	55927.55859	55763.54531	55709.25391	505772.7	5409163.5
L5770.0	505772.7	5409165.5	9159.79981	361.72	0	48.835438	-86.921335	55961.24	56251.1	-1.10	55960.14	55928.69141	55773.46405	55719.08984	505772.7	5409165.5
L5770.0	505772.7	5409167.5	9160.00000	362.72	0	48.835456	-86.921335	55962.18	56251.1	-1.10	55961.08	55929.55859	55775.46123	55720.99609	505772.7	5409167.5
L5770.0	505772.7	5409167.5	9160.09961	364.32	0	48.835456	-86.921335	55963.24	56251.1	-1.10	55962.14	55930.54297	55779.19745	55724.63281	505772.7	5409167.5
L5770.0	505772.7	5409168.7	9160.20020	361.71	0	48.835467	-86.921335	55964.56	56251.1	-1.10	55963.46	55931.78516	55788.16033	55733.49609	505772.7	5409168.7
L5770.0	505772.7	5409170.2	9160.29981	364.24	0	48.835480	-86.921335	55965.92	56251.1	-1.10	55964.82	55933.07031	55796.94776	55742.17578	505772.7	5409170.2

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5770.0	505772.7	5409172.1	9160.40039	364.41	0	48.835498	-86.921334	55967.16	56251.1	-1.10	55966.06	55934.23438	55801.64052	55746.76172	505772.7	5409172.1
L5770.0	505772.7	5409172.1	9160.50000	360.54	0	48.835498	-86.921334	55968.38	56251.1	-1.10	55967.28	55935.37891	55804.74160	55749.75000	505772.7	5409172.1
L5770.0	505772.7	5409174.4	9160.59961	360.40	0	48.835519	-86.921334	55969.86	56251.1	-1.10	55968.76	55936.78125	55813.20037	55758.08594	505772.7	5409174.4
L5770.0	505772.7	5409175.6	9160.70020	363.13	0	48.835529	-86.921334	55971.51	56251.1	-1.10	55970.41	55938.35547	55824.82926	55769.59375	505772.7	5409175.6
L5770.0	505772.7	5409175.6	9160.79981	359.31	0	48.835529	-86.921334	55972.90	56251.1	-1.10	55971.80	55939.67188	55829.04460	55773.67969	505772.7	5409175.6
L5770.0	505772.8	5409178.9	9160.90039	360.83	0	48.835559	-86.921334	55974.32	56251.1	-1.10	55973.22	55941.01563	55833.04517	55777.55078	505772.8	5409178.9
L5770.0	505772.8	5409178.9	9161.00000	363.00	0	48.835559	-86.921334	55975.84	56251.1	-1.10	55974.74	55942.46094	55838.59716	55782.96875	505772.8	5409178.9
L5770.0	505772.8	5409178.9	9161.09961	364.17	0	48.835559	-86.921334	55977.66	56251.1	-1.10	55976.56	55944.20703	55850.67793	55794.90625	505772.8	5409178.9
L5770.0	505772.8	5409180.3	9161.20020	363.54	0	48.835572	-86.921334	55979.32	56251.1	-1.10	55978.23	55945.80469	55858.21244	55802.29688	505772.8	5409180.3
L5770.0	505772.8	5409182.0	9161.29981	361.66	0	48.835587	-86.921333	55980.77	56251.1	-1.10	55979.67	55947.17188	55859.26394	55803.20313	505772.8	5409182.0
L5770.0	505772.8	5409183.3	9161.40039	361.00	0	48.835599	-86.921333	55982.51	56251.1	-1.10	55981.42	55948.84766	55867.20814	55810.99609	505772.8	5409183.3
L5770.0	505772.8	5409184.7	9161.50000	363.38	0	48.835611	-86.921333	55984.26	56251.1	-1.10	55983.16	55950.51563	55874.18175	55817.81641	505772.8	5409184.7
L5770.0	505772.8	5409184.7	9161.59961	362.00	0	48.835611	-86.921333	55986.36	56251.1	-1.09	55985.26	55952.54297	55889.36258	55832.83594	505772.8	5409184.7
L5770.0	505772.9	5409186.1	9161.70020	362.56	0	48.835624	-86.921332	55987.85	56251.1	-1.09	55986.75	55953.96094	55888.83482	55832.14844	505772.9	5409186.1
L5770.0	505772.9	5409187.8	9161.79981	362.76	0	48.835639	-86.921332	55989.88	56251.1	-1.09	55988.78	55955.92188	55901.04010	55844.18750	505772.9	5409187.8
L5770.0	505772.9	5409187.8	9161.79981	362.76	0	48.835639	-86.921332	55991.82	56251.1	-1.09	55990.73	55957.80078	55910.70666	55853.68750	505772.9	5409187.8
L5770.0	505772.9	5409189.5	9162.00000	366.84	0	48.835654	-86.921332	55993.69	56251.1	-1.09	55992.60	55959.60156	55917.87476	55860.68750	505772.9	5409189.5
L5770.0	505772.9	5409191.4	9162.09961	367.28	0	48.835672	-86.921332	55995.39	56251.1	-1.09	55994.30	55961.23047	55920.36183	55863.00000	505772.9	5409191.4
L5770.0	505772.9	5409191.4	9162.20020	365.97	0	48.835672	-86.921332	55997.58	56251.1	-1.09	55996.49	55963.35156	55934.50778	55876.96875	505772.9	5409191.4
L5770.0	505772.9	5409193.2	9162.29981	365.87	0	48.835687	-86.921332	55999.74	56251.1	-1.09	55998.65	55965.44531	55947.51002	55889.79297	505772.9	5409193.2
L5770.0	505772.9	5409194.8	9162.40039	367.99	0	48.835702	-86.921332	56001.33	56251.1	-1.09	56000.24	55966.96875	55946.07171	55888.17188	505772.9	5409194.8
L5770.0	505772.9	5409194.8	9162.50000	365.16	0	48.835702	-86.921332	56003.36	56251.1	-1.09	56002.27	55968.92969	55955.17577	55897.09375	505772.9	5409194.8
L5770.0	505772.9	5409196.8	9162.59961	363.33	0	48.835720	-86.921332	56005.45	56251.1	-1.09	56004.36	55970.95703	55965.47610	55907.20703	505772.9	5409196.8
L5770.0	505772.9	5409198.2	9162.70020	361.98	0	48.835733	-86.921332	56007.50	56251.1	-1.09	56006.41	55972.94141	55974.54123	55916.08203	505772.9	5409198.2
L5770.0	505772.9	5409198.2	9162.79981	362.28	0	48.835733	-86.921332	56009.10	56251.1	-1.09	56008.01	55974.47656	55972.28317	55913.63672	505772.9	5409198.2
L5770.0	505772.9	5409199.8	9162.90039	363.80	0	48.835747	-86.921332	56011.40	56251.1	-1.09	56010.31	55976.71094	55987.14040	55928.30078	505772.9	5409199.8
L5770.0	505772.9	5409201.2	9163.00000	363.36	0	48.835759	-86.921332	56013.27	56251.1	-1.09	56012.18	55978.51953	55991.24196	55932.21094	505772.9	5409201.2
L5770.0	505772.9	5409202.8	9163.09961	363.62	0	48.835774	-86.921332	56015.04	56251.1	-1.09	56013.96	55980.23828	55993.02061	55933.79297	505772.9	5409202.8
L5770.0	505772.9	5409202.8	9163.20020	361.43	0	48.835774	-86.921332	56017.22	56251.1	-1.09	56016.13	55982.34766	56004.36590	55944.94141	505772.9	5409202.8
L5770.0	505772.9	5409204.5	9163.29981	360.35	0	48.835789	-86.921332	56019.19	56251.1	-1.08	56018.10	55984.25781	56010.74102	55951.11719	505772.9	5409204.5
L5770.0	505772.9	5409206.0	9163.40039	360.50	0	48.835803	-86.921332	56021.02	56251.1	-1.08	56019.93	55986.02734	56013.66129	55953.83984	505772.9	5409206.0
L5770.0	505772.9	5409207.4	9163.50000	359.17	0	48.835816	-86.921332	56022.81	56251.1	-1.08	56021.73	55987.76953	56015.87605	55955.85547	505772.9	5409207.4
L5770.0	505772.9	5409207.4	9163.59961	357.87	0	48.835816	-86.921332	56025.03	56251.1	-1.08	56023.95	55989.92969	56028.53066	55968.30859	505772.9	5409207.4
L5770.0	505772.8	5409209.3	9163.70020	358.60	0	48.835833	-86.921332	56026.73	56251.1	-1.08	56025.65	55991.57422	56028.44097	55968.01563	505772.8	5409209.3
L5770.0	505772.8	5409210.4	9163.79981	357.52	0	48.835842	-86.921332	56028.57	56251.1	-1.07	56027.50	55993.36719	56032.18382	55971.55859	505772.8	5409210.4
L5770.0	505772.8	5409210.4	9163.79981	357.52	0	48.835842	-86.921332	56030.46	56251.1	-1.07	56029.39	55995.20313	56037.07154	55976.24609	505772.8	5409210.4
L5770.0	505772.8	5409211.9	9164.00000	358.54	0	48.835856	-86.921333	56032.63	56251.1	-1.07	56031.56	55997.32031	56049.05936	55988.03125	505772.8	5409211.9
L5770.0	505772.8	5409213.9	9164.09961	359.49	0	48.835874	-86.921333	56034.09	56251.1	-1.07	56033.01	55998.71484	56043.47744	55982.24609	505772.8	5409213.9
L5770.0	505772.8	5409215.4	9164.20020	361.25	0	48.835887	-86.921333	56036.08	56251.1	-1.07	56035.01	56000.66406	56051.71674	55990.28125	505772.8	5409215.4
L5770.0	505772.8	5409215.4	9164.29981	361.35	0	48.835887	-86.921333	56038.11	56251.1	-1.08	56037.04	56002.64063	56060.95982	55999.32422	505772.8	5409215.4
L5770.0	505772.8	5409217.2	9164.40039	361.22	0	48.835904	-86.921333	56039.45	56251.1	-1.08	56038.37	56003.92188	56053.20188	55991.36328	505772.8	5409217.2
L5770.0	505772.7	5409218.3	9164.50000	361.89	0	48.835914	-86.921334	56041.35	56251.1	-1.08	56040.27	56005.76953	56059.83073	55997.79297	505772.7	5409218.3
L5770.0	505772.7	5409220.2	9164.59961	363.78	0	48.835930	-86.921334	56043.14	56251.1	-1.08	56042.06	56007.51172	56064.07428	56001.83203	505772.7	5409220.2
L5770.0	505772.7	5409221.2	9164.70020	362.10	0	48.835940	-86.921334	56045.04	56251.1	-1.08	56043.96	56009.36328	56071.38652	56008.94141	505772.7	5409221.2
L5770.0	505772.7	5409222.9	9164.79981	358.45	0	48.835955	-86.921334	56046.41	56251.1	-1.09	56045.32	56010.67578	56065.73415	56003.09375	505772.7	5409222.9
L5770.0	505772.7	5409222.9	9164.90039	357.94	0	48.835955	-86.921334	56048.15	56251.1	-1.09	56047.06	56012.37109	56069.85680	56007.01953	505772.7	5409222.9
L5770.0	505772.7	5409224.4	9165.00000	356.45	0	48.835968	-86.921334	56050.07	56251.1	-1.09	56048.98	56014.24219	56078.83263	56015.79688	505772.7	5409224.4
L5770.0	505772.7	5409225.8	9165.09961	357.97	0	48.835981	-86.921334	56051.57	56251.1	-1.09	56050.48	56015.69922	56077.85995	56014.62500	505772.7	5409225.8
L5770.0	505772.7	5409227.1	9165.20020	358.46	0	48.835992	-86.921335	56053.09	56251.1	-1.08	56052.00	56017.17578	56077.82079	56014.39063	505772.7	5409227.1
L5770.0	505772.7	5409227.1	9165.29981	358.05	0	48.835992	-86.921335	56054.90	56251.1	-1.08	56053.82	56018.94922	56085.64462	56022.01953	505772.7	5409227.1
L5770.0	505772.6	5409229.0	9165.40039	358.85	0	48.836010	-86.921335	56056.45	56251.1	-1.07	56055.38	56020.46875	56087.51455	56023.69922	505772.6	5409229.0
L5770.0	505772.6	5409230.7	9165.50000	359.46	0	48.836025	-86.921335	56057.86	56251.1	-1.07	56056.79	56021.83594	56086.15958	56022.15625	505772.6	5409230.7
L5770.0	505772.6	5409231.7	9165.59961	358.75	0	48.836034	-86.921335	56059.34	56251.1	-1.07	56058.27	56023.27344	56087.02434	56022.82813	505772.6	5409231.7
L5770.0	505772.6	5409231.7	9165.70020	357.03	0	48.836034	-86.921335	56061.15	56251.1	-1.06	56060.09	56025.05469	56096.78737	56032.40234	505772.6	5409231.7
L5770.0	505772.6	5409233.5	9165.79981	358.43	0	48.836050	-86.921335	56062.88	56251.1	-1.06	56061.82	56026.74609	56104.83843	56040.26953	505772.6	5409233.5
L5770.0	505772.6	5409233.5	9165.79981	358.43	0	48.836050	-86.921335	56064.06	56251.1	-1.06	56063.00	56027.88672	56099.82549	56035.07813	505772.6	5409233.5
L5770.0	505772.6	5409235.7	9166.00000	357.54	0	48.836070	-86.921336	56065.35	56251.1	-1.05	56064.30	56029.14844	56098.30300	56033.37109	505772.6	5409235.7
L5770.0	505772.6	5409235.7	9166.09961	358.86	0	48.836070	-86.921336	56066.97	56251.1	-1.05	56065.92	56030.73047	56105.21705	56040.10547	505772.6	5409235.7
L5770.0	505772.5	5409237.6	9166.20020	360.96	0	48.836087	-86.921336	56068.48	56251.1	-1.06	56067.43	56032.20313	56109.95383	56044.66797	505772.5	5409237.6
L5770.0	505772.5	5409239.3	9166.29981	361.46	0	48.836102	-86.921336	56069.93	56251.1	-1.06	56068.87	56033.60547	56113.50625	56048.04688	505772.5	5409239.3
L5770.0	505772.5	5409241.2	9166.40039	362.99	0	48.836120	-86.921336	56070.89	56251.1	-1.06	56069.83	56034.53125	56105.75281	56040.12109	505772.5	5409241.2
L5770.0	505772.5	5409241.2	9166.50000	363.27	0	48.836120	-86.921336	56072.39	56251.1	-1.07	56071.32	56035.98438	56111.64078	56045.83984	505772.5	5409241.2
L5770.0	505772.5	5409242.8	9166.59961	362.10	0	48.836133	-86.921336	56073.90	56251.1	-1.07	56072.83	56037.46094	56118.57745	56052.60938	505772.5	5409242.8
L5770.0	505772.5	5409242.8	9166.70020	361.51	0	48.836133	-86.921336	56074.89	56251.1	-1.07	56073.82	56038.41797	56113.22853	56047.09375	505772.5	5409242.8
L5770.0	505772.5	5409244.7	9166.79981	360.53	0	48.836150	-86.921337	56076.00	56251.1	-1.07	56074.92	56039.48438	56111.15431	56044.86328	505772.5	5409244.7
L5770.0	505772.5	5409245.9	9166.90039	360.33	0	48.836162	-86.921337	56077.16	56251.1	-1.08	56076.09	56040.62109	56111.36757	56044.91797	505772.5	5409245.9
L5770.0	505772.5	5409247.6	9167.00000	360.23	0	48.836177	-86.921337	56078.61	56251.1	-1.08	56077.53	56042.02734	56118.80769	56052.20313	505772.5	5409247.6
L5770.0	505772.5	5409247.6	9167.09961	359.47	0	48.836177	-86.921337	56079.90	56251.1	-1.08	56078.82	56043.28516	56123.10143	56056.33984	505772.5	5409247.6
L5770.0	505772.4	5409249.4	9167.20020	360.30	0	48.836194	-86.921337	56081.21	56251.1	-1.08	56080.13	56044.56250	56128.44611	56061.53516	505772.4	5409249.4
L5770.0	505772.4	5409249.4	9167.29981	360.63	0	48.836194	-86.921337	56082.04	56251.1	-1.08	56080.96	56045.35938	56122.49164	56055.43750	505772.4	5409249.4
L5770.0	505772.5	5409252.3	9167.40039	358.69	0	48.836219	-86.921337	56083.08	56251.1	-1.08	56082.00	56046.37109	56122.27667	56055.07813	505772.5	5409252.3
L5770.0	505772.5	5409252.3	9167.50000	360.53	0	48.836219	-86.921337	56084.52	56251.1	-1.08	56083.44	56047.77734	56132.49094	56065.15234	505772.5	5409252.3
L5770.0	505772.4	5409254.0	9167.59961	359.73	0	48.836234	-86.921337	56085.38	56251.1	-1.08	56084.30	56048.60938	56128.92846	56061.44922	505772.4	5409254.0
L5770.0	505772.5	5409255.6	9167.70020	358.55	0	48.836249	-86.921337	56086.58	56251.1	-1.08	56085.50	56049.77734	56134.30683	56066.69141	505772.5	5409255.6
L5770.0	505772.5	5409255.6	9167.79981	356.74	0	48.836249	-86.921337	56087.31	56251.1	-1.08	56086.22	56050.46875	56128.37074	56060.62500	505772.5	5409255.6
L5770.0	505772.5	5409257.2	9167.79981	356.74	0	48.836263	-86.921337	56088.33	56251.1	-1.08	56087.25	56051.46875	56130.62645	56062.75781	505772.5	5409257.2
L5770.0	505772.5	5409259.4	9168.00000	359.24	0	48.836283	-86.921337	56089.50	56251.1	-1.08	56088.42	56052.60938	56136.87093	56068.87500	505772.5	5409259.4
L5770.0	505772.5	5409259.4	9168.09961	358.71	0	48.836283	-86.921337	56090.47	56251.1	-1.08	56089.39	56053.54688	56138.70237	56070.58203	505772.5	5409259.4
L5770.0	505772.5	5409261.3	9168.20020	359.59	0	48.836300	-86.921337	56091.58	56251.1	-1.08	56090.50	56054.62891	56144.51254	56076.27344	505772.5	5409261.3
L5770.0	505772.5	5409261.3	9168.29981	361.15	0	48.836300	-86.921337	56091.96	56251.1	-1.07	56090.89	56054.98828	56133.05675	56064.70313	505772.5	5409261.3
L5770.0	505772.4	5409263.6	9168.40039	361.75	0	48.836321	-86.921337	56092.93	56251.1	-1.07	56091.85	56055.92188	56136.18830	56067.72266	505772.4	5409263.6
L5770.0	505772.4	5409265.4	9168.50000	362.44	0	48.836337	-86.921337	56093.98	56251.1	-1.07	56092.91	56056.95313	56142.29383	56073.71875	505772.4	5409265.4
L5770.0	505772.4	5409265.4	9168.59961	360.65	0	48.836337	-86.921337	56094.75	56251.1	-1.07	56093.68	56057.69141	56141.73555	56073.05078	505772.4	5409265.4
L5770.0	505772.4	5409267.2	9168.70020	361.95	0	48.836353	-86.921337	56095.35	56251.1	-1.07	56094.28	56058.26172	56137.47091	56068.68359	505772.4	5409267.2
L5770.0	505772.4	5409268.6	9168.79981	362.14	0	48.836366	-86.921337	56096.24	56251.1	-1.06	56095.18	56059.13281	56141.10111	56072.21484	505772.4	5409268.6
L5770.0	505772.4	5409268.6	9168.90039	362.26	0	48.836366	-86.921337	56097.18	56251.1	-1.06	56096.11	56060.03516	56145.95155	56076.96875	505772.4	5409268.6
L5770.0	505772.4	5409270.2	9169.00000	364.24	0	48.836380	-86.921337	56097.63	56251.1	-1.06	56096.57	56060.46484	56139.66729	56070.59375	505772.4	5409270.2
L5770.0	505772.4	5409271.3	9169.09961	364.19	0	48.836390	-86.921337	56098.46	56251.1	-1.06	56097.40	56061.26563	56142.98705	56073.82031	505772.4	5409271.3
L5770.0	505772.4	5409271.3	9169.20020	364.44	0	48.836390	-86.921337	56099.27	56251.1	-1.06	56098.21	56062.04688	56146.27236	56077.01563	505772.4	5409271.3
L5770.0	505772.4	5409272.7	9169.29981	359.63	0	48.836403	-86.921337	56100.06	56251.1	-1.06	56099.00	56062.80469	56149.51649	56080.17578	505772.4	5409272.7
L5770.0	505772.5	5409274.8	9169.40039	360.13	0	48.836422	-86.921337	56100.31	56251.1	-1.06	56099.26	56063.03516	56140.11728	56070.69531	505772.5	5409274.8
L5770.0	505772.5	5409276.2	9169.50000	360.16	0	48.836434	-86.921336	56101.38	56251.1	-1.06	56100.32	56064.06641	56150.91471	56081.41406	505772.5	5409276.2
L5770.0	505772.5	5409276.2	9169.59961	359.70	0	48.836434	-86.921336	56101.90	56251.1	-1.05	56100.84	56064.55469	56148.80822	56079.23047	505772.5	5409276.2

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5770.0	505772.5	5409277.7	9169.70020	361.73	0	48.836447	-86.921336	56102.23	56251.1	-1.05	56101.18	56064.86328	56142.68185	56073.02734	505772.5	5409277.7
L5770.0	505772.5	5409279.1	9169.79981	360.52	0	48.836460	-86.921336	56103.17	56251.1	-1.05	56102.12	56065.77344	56151.79234	56082.07031	505772.5	5409279.1
L5770.0	505772.5	5409280.8	9169.79981	360.52	0	48.836475	-86.921336	56103.63	56251.1	-1.05	56102.57	56066.19141	56149.21336	56079.42188	505772.5	5409280.8
L5770.0	505772.5	5409280.8	9169.90039	360.34	0	48.836475	-86.921336	56104.03	56251.1	-1.05	56102.98	56066.57031	56146.05173	56076.19531	505772.5	5409280.8
L5770.0	505772.5	5409282.8	9170.00000	360.92	0	48.836494	-86.921336	56104.50	56251.1	-1.05	56103.45	56067.00781	56144.77043	56074.85156	505772.5	5409282.8
L5770.0	505772.5	5409284.6	9170.09961	361.09	0	48.836509	-86.921336	56105.52	56251.1	-1.05	56104.47	56067.99609	56157.46425	56087.48047	505772.5	5409284.6
L5770.0	505772.5	5409286.0	9170.20020	360.68	0	48.836522	-86.921336	56105.62	56251.1	-1.06	56104.56	56068.05078	56147.57524	56077.53516	505772.5	5409286.0
L5770.0	505772.5	5409286.0	9170.29981	362.50	0	48.836522	-86.921336	56106.08	56251.1	-1.06	56105.02	56068.47656	56147.20276	56077.10938	505772.5	5409286.0
L5770.0	505772.5	5409287.5	9170.40039	361.87	0	48.836535	-86.921336	56106.79	56251.1	-1.07	56105.72	56069.14453	56153.12971	56082.98438	505772.5	5409287.5
L5770.0	505772.5	5409287.5	9170.59961	361.14	0	48.836535	-86.921336	56106.96	56251.1	-1.07	56105.88	56069.26953	56146.08613	56075.88672	505772.5	5409287.5
L5770.0	505772.4	5409289.4	9170.70020	361.26	0	48.836553	-86.921336	56107.35	56251.1	-1.08	56106.27	56069.62500	56145.08224	56074.83203	505772.4	5409289.4
L5770.0	505772.4	5409290.9	9170.79981	361.79	0	48.836567	-86.921337	56107.95	56251.1	-1.08	56106.86	56070.17969	56149.37085	56079.07422	505772.4	5409290.9
L5770.0	505772.4	5409290.9	9170.90039	360.21	0	48.836567	-86.921337	56108.40	56251.1	-1.09	56107.32	56070.60156	56150.79578	56080.45703	505772.4	5409290.9
L5770.0	505772.4	5409293.0	9171.00000	359.44	0	48.836585	-86.921337	56108.61	56251.1	-1.09	56107.52	56070.76563	56146.14034	56075.75781	505772.4	5409293.0
L5770.0	505772.4	5409294.7	9171.09961	359.00	0	48.836600	-86.921337	56109.06	56251.1	-1.09	56107.98	56071.18750	56148.24081	56077.81641	505772.4	5409294.7
L5770.0	505772.4	5409294.7	9171.20020	356.49	0	48.836600	-86.921337	56109.54	56251.1	-1.09	56108.46	56071.62891	56151.16401	56080.69922	505772.4	5409294.7
L5770.0	505772.4	5409296.1	9171.29981	357.51	0	48.836613	-86.921337	56109.69	56251.1	-1.08	56108.60	56071.73047	56146.01316	56075.50781	505772.4	5409296.1
L5770.0	505772.3	5409297.9	9171.40039	359.77	0	48.836629	-86.921338	56109.85	56251.1	-1.08	56108.77	56071.85938	56141.92030	56071.38281	505772.3	5409297.9
L5770.0	505772.3	5409299.8	9171.50000	362.33	0	48.836646	-86.921338	56110.42	56251.1	-1.08	56109.34	56072.39063	56148.01754	56077.44531	505772.3	5409299.8
L5770.0	505772.3	5409299.8	9171.59961	363.26	0	48.836646	-86.921338	56110.81	56251.1	-1.08	56109.73	56072.73828	56149.97507	56079.36719	505772.3	5409299.8
L5770.0	505772.3	5409301.3	9171.70020	365.19	0	48.836661	-86.921338	56110.93	56251.1	-1.08	56109.86	56072.82422	56145.81157	56075.17188	505772.3	5409301.3
L5770.0	505772.3	5409302.8	9171.79981	364.62	0	48.836673	-86.921339	56111.14	56251.1	-1.07	56110.07	56072.99219	56143.91850	56073.24609	505772.3	5409302.8
L5770.0	505772.3	5409302.8	9171.79981	364.62	0	48.836673	-86.921339	56111.49	56251.1	-1.07	56110.41	56073.28906	56145.52530	56074.82422	505772.3	5409302.8
L5770.0	505772.3	5409304.4	9172.00000	358.73	0	48.836688	-86.921339	56111.62	56251.1	-1.07	56110.55	56073.38281	56142.47668	56071.75000	505772.3	5409304.4
L5770.0	505772.3	5409306.5	9172.09961	359.18	0	48.836707	-86.921339	56111.72	56251.1	-1.07	56110.65	56073.43750	56138.71890	56067.96094	505772.3	5409306.5
L5770.0	505772.3	5409306.5	9172.20020	360.34	0	48.836707	-86.921339	56112.34	56251.1	-1.06	56111.28	56074.02344	56148.32398	56077.53906	505772.3	5409306.5
L5770.0	505772.3	5409307.8	9172.29981	361.03	0	48.836719	-86.921339	56112.68	56251.1	-1.06	56111.62	56074.31641	56151.03543	56080.22656	505772.3	5409307.8
L5770.0	505772.3	5409309.4	9172.40039	361.43	0	48.836733	-86.921339	56112.47	56251.1	-1.06	56111.41	56074.05859	56140.42705	56069.59375	505772.3	5409309.4
L5770.0	505772.2	5409310.7	9172.50000	359.29	0	48.836745	-86.921339	56112.78	56251.1	-1.06	56111.73	56074.32813	56143.16647	56072.30859	505772.2	5409310.7
L5770.0	505772.2	5409310.7	9172.59961	359.64	0	48.836745	-86.921339	56113.23	56251.1	-1.05	56112.18	56074.72656	56149.37010	56078.48828	505772.2	5409310.7
L5770.0	505772.2	5409312.3	9172.70020	362.47	0	48.836759	-86.921339	56112.96	56251	-1.05	56111.91	56074.40625	56138.04079	56067.13281	505772.2	5409312.3
L5770.0	505772.2	5409313.7	9172.79981	363.69	0	48.836771	-86.921339	56113.21	56251	-1.05	56112.16	56074.60547	56139.79792	56068.87109	505772.2	5409313.7
L5770.0	505772.2	5409315.5	9172.90039	365.70	0	48.836788	-86.921339	56113.29	56251	-1.04	56112.25	56074.64063	56137.84294	56066.89453	505772.2	5409315.5
L5770.0	505772.2	5409315.5	9173.00000	363.88	0	48.836788	-86.921339	56113.71	56251	-1.04	56112.67	56075.00781	56144.27272	56073.30078	505772.2	5409315.5
L5770.0	505772.2	5409316.8	9173.09961	364.10	0	48.836799	-86.921339	56113.84	56251	-1.04	56112.80	56075.08203	56143.77068	56072.77734	505772.2	5409316.8
L5770.0	505772.2	5409318.7	9173.20020	364.14	0	48.836816	-86.921339	56114.25	56251	-1.05	56113.20	56075.42578	56150.16256	56079.14453	505772.2	5409318.7
L5770.0	505772.2	5409318.7	9173.29981	362.67	0	48.836816	-86.921339	56114.09	56251	-1.05	56113.04	56075.21094	56142.94560	56071.90625	505772.2	5409318.7
L5770.0	505772.2	5409320.3	9173.40039	362.22	0	48.836831	-86.921340	56114.14	56251.1	-1.05	56113.09	56075.20313	56141.13201	56070.07422	505772.2	5409320.3
L5770.0	505772.2	5409320.3	9173.50000	361.71	0	48.836831	-86.921340	56114.66	56251.1	-1.06	56113.60	56075.65234	56150.89171	56079.81250	505772.2	5409320.3
L5770.0	505772.2	5409322.1	9173.59961	360.65	0	48.836847	-86.921340	56114.22	56251.1	-1.06	56113.16	56075.15234	56137.39794	56066.29297	505772.2	5409322.1
L5770.0	505772.2	5409323.7	9173.70020	361.36	0	48.836862	-86.921340	56114.40	56251.1	-1.06	56113.34	56075.26953	56139.42057	56068.29297	505772.2	5409323.7
L5770.0	505772.2	5409323.7	9173.79981	361.02	0	48.836862	-86.921340	56114.70	56251.1	-1.06	56113.64	56075.50781	56144.60710	56073.45703	505772.2	5409323.7
L5770.0	505772.1	5409326.0	9173.79981	361.02	0	48.836882	-86.921340	56114.78	56251.1	-1.06	56113.71	56075.51563	56144.30957	56073.14063	505772.1	5409326.0
L5770.0	505772.1	5409326.0	9174.00000	358.69	0	48.836882	-86.921340	56114.38	56251.1	-1.07	56113.31	56075.05078	56132.59676	56061.40234	505772.1	5409326.0
L5770.0	505772.1	5409327.9	9174.09961	359.43	0	48.836900	-86.921341	56114.50	56251.1	-1.07	56113.43	56075.10547	56133.91463	56062.69531	505772.1	5409327.9
L5770.0	505772.1	5409329.4	9174.20020	359.89	0	48.836912	-86.921341	56114.88	56251.1	-1.07	56113.81	56075.41797	56141.83813	56070.59375	505772.1	5409329.4
L5770.0	505772.1	5409329.4	9174.29981	358.87	0	48.836912	-86.921341	56114.83	56251.1	-1.07	56113.77	56075.31250	56139.56960	56068.30078	505772.1	5409329.4
L5770.0	505772.1	5409330.8	9174.40039	355.74	0	48.836926	-86.921341	56114.70	56251.1	-1.07	56113.64	56075.11328	56135.25526	56063.96094	505772.1	5409330.8
L5770.0	505772.1	5409332.1	9174.50000	356.63	0	48.836937	-86.921341	56114.81	56251.1	-1.07	56113.74	56075.14453	56136.79440	56065.47656	505772.1	5409332.1
L5770.0	505772.1	5409333.7	9174.59961	358.72	0	48.836951	-86.921341	56115.06	56251.1	-1.06	56114.00	56075.33203	56142.45461	56071.10547	505772.1	5409333.7
L5770.0	505772.1	5409333.7	9174.70020	360.38	0	48.836951	-86.921341	56115.07	56251.1	-1.06	56114.01	56075.26953	56142.10661	56070.73047	505772.1	5409333.7
L5770.0	505772.1	5409335.3	9174.79981	362.25	0	48.836966	-86.921341	56114.91	56251.1	-1.06	56113.84	56075.02734	56137.47567	56066.07031	505772.1	5409335.3
L5770.0	505772.0	5409337.0	9174.90039	362.25	0	48.836981	-86.921342	56114.75	56251.1	-1.06	56113.69	56074.80078	56133.49769	56062.06250	505772.0	5409337.0
L5770.0	505772.0	5409337.0	9175.00000	357.97	0	48.836981	-86.921342	56114.78	56251.1	-1.06	56113.72	56074.75391	56134.12077	56062.65625	505772.0	5409337.0
L5770.0	505772.0	5409339.4	9175.09961	357.78	0	48.837003	-86.921342	56114.81	56251.1	-1.06	56113.75	56074.70703	56134.89613	56063.39844	505772.0	5409339.4
L5770.0	505771.9	5409340.7	9175.20020	357.41	0	48.837014	-86.921343	56115.01	56251.1	-1.05	56113.96	56074.83984	56140.26591	56068.73438	505771.9	5409340.7
L5770.0	505771.9	5409340.7	9175.29981	357.91	0	48.837014	-86.921343	56114.95	56251	-1.05	56113.90	56074.70313	56139.11331	56067.54688	505771.9	5409340.7
L5770.0	505771.9	5409342.6	9175.40039	357.52	0	48.837032	-86.921343	56114.68	56251	-1.04	56113.64	56074.36328	56133.16391	56061.56641	505771.9	5409342.6
L5770.0	505771.9	5409344.5	9175.50000	360.08	0	48.837048	-86.921344	56114.68	56251	-1.04	56113.64	56074.28125	56133.77514	56062.14063	505771.9	5409344.5
L5770.0	505771.9	5409344.5	9175.59961	359.42	0	48.837048	-86.921344	56114.75	56251	-1.04	56113.72	56074.27734	56136.49851	56064.82422	505771.9	5409344.5
L5770.0	505771.8	5409346.4	9175.70020	361.47	0	48.837066	-86.921344	56114.81	56251	-1.03	56113.77	56074.24609	56138.61435	56066.90234	505771.8	5409346.4
L5770.0	505771.8	5409347.9	9175.79981	361.12	0	48.837079	-86.921345	56114.42	56251	-1.03	56113.39	56073.78125	56130.24094	56058.48828	505771.8	5409347.9
L5770.0	505771.8	5409347.9	9175.79981	361.12	0	48.837079	-86.921345	56114.59	56251	-1.03	56113.57	56073.87500	56135.82527	56064.03125	505771.8	5409347.9
L5770.0	505771.8	5409349.5	9176.00000	361.95	0	48.837094	-86.921345	56114.51	56251	-1.02	56113.49	56073.70703	56135.11305	56063.27734	505771.8	5409349.5
L5770.0	505771.8	5409351.0	9176.09961	358.76	0	48.837107	-86.921345	56114.46	56251	-1.02	56113.45	56073.57813	56135.51052	56063.62891	505771.8	5409351.0
L5770.0	505771.8	5409351.0	9176.20020	360.11	0	48.837107	-86.921345	56114.20	56251	-1.02	56113.18	56073.21875	56130.34677	56058.42188	505771.8	5409351.0
L5770.0	505771.7	5409352.7	9176.29981	360.89	0	48.837122	-86.921345	56114.18	56251	-1.02	56113.16	56073.10938	56131.47357	56059.50000	505771.7	5409352.7
L5770.0	505771.7	5409354.4	9176.40039	360.76	0	48.837138	-86.921345	56114.32	56251	-1.02	56113.31	56073.16797	56136.91249	56064.89453	505771.7	5409354.4
L5770.0	505771.7	5409356.0	9176.50000	360.87	0	48.837152	-86.921346	56114.17	56251	-1.01	56113.16	56072.92578	56135.05340	56062.98438	505771.7	5409356.0
L5770.0	505771.7	5409356.0	9176.59961	361.15	0	48.837152	-86.921346	56114.02	56251	-1.01	56113.01	56072.67969	56133.30274	56061.18359	505771.7	5409356.0
L5770.0	505771.7	5409357.5	9176.70020	360.39	0	48.837166	-86.921346	56113.82	56251	-1.01	56112.80	56072.37500	56130.17616	56058.00391	505771.7	5409357.5
L5770.0	505771.7	5409359.2	9176.79981	361.66	0	48.837181	-86.921346	56114.07	56251	-1.01	56113.05	56072.53125	56138.51350	56066.28906	505771.7	5409359.2
L5770.0	505771.7	5409359.2	9176.90039	362.58	0	48.837181	-86.921346	56113.71	56251	-1.01	56112.70	56072.08594	56132.13364	56059.85547	505771.7	5409359.2
L5770.0	505771.7	5409360.9	9177.00000	361.45	0	48.837196	-86.921346	56113.69	56251	-1.01	56112.68	56071.96484	56134.00218	56061.66797	505771.7	5409360.9
L5770.0	505771.7	5409362.3	9177.09961	361.44	0	48.837209	-86.921346	56113.54	56251	-1.01	56112.53	56071.71875	56132.75617	56060.36719	505771.7	5409362.3
L5770.0	505771.7	5409362.3	9177.20020	364.11	0	48.837209	-86.921346	56113.43	56251	-1.02	56112.42	56071.50781	56132.59169	56060.14063	505771.7	5409362.3
L5770.0	505771.7	5409364.1	9177.29981	367.05	0	48.837225	-86.921346	56113.54	56251	-1.02	56112.52	56071.50781	56137.70482	56065.19531	505771.7	5409364.1
L5770.0	505771.7	5409365.9	9177.40039	367.89	0	48.837241	-86.921346	56113.12	56251	-1.02	56112.09	56070.97656	56129.81758	56057.25000	505771.7	5409365.9
L5770.0	505771.7	5409365.9	9177.50000	364.10	0	48.837241	-86.921346	56112.90	56251	-1.03	56111.88	56070.66016	56127.45027	56054.82031	505771.7	5409365.9
L5770.0	505771.7	5409367.7	9177.59961	362.71	0	48.837257	-86.921346	56112.88	56251	-1.03	56111.86	56070.53906	56129.85969	56057.16406	505771.7	5409367.7
L5770.0	505771.7	5409369.4	9177.70020	361.19	0	48.837272	-86.921346	56113.11	56251	-1.03	56112.07	56070.64453	56138.03142	56065.26953	505771.7	5409369.4
L5770.0	505771.7	5409369.4	9177.79981	357.33	0	48.837272	-86.921346	56112.76	56251	-1.03	56111.72	56070.18750	56132.45269	56059.62500	505771.7	5409369.4
L5770.0	505771.7	5409371.0	9177.79981	357.33	0	48.837287	-86.921346	56112.32	56251	-1.03	56111.29	56069.64844	56124.97571	56052.08203	505771.7	5409371.0
L5770.0	505771.7	5409372.8	9178.00000	352.29	0	48.837303	-86.921346	56112.48	56251	-1.04	56111.44	56069.69141	56131.89815	56058.93750	505771.7	5409372.8
L5770.0	505771.7	5409374.2	9178.09961	352.78	0	48.837316	-86.921346	56112.38	56251	-1.04	56111.34	56069.48438	56132.71938	56059.68750	505771.7	5409374.2
L5770.0	505771.7	5409374.2	9178.20020	352.68	0	48.837316	-86.921346	56111.91	56251	-1.03	56110.88	56068.91406	56124.72048	56051.61719	505771.7	5409374.2
L5770.0	505771.7	5409375.9	9178.29981	356.92	0	48.837331	-86.921346	56111.79	56251	-1.03	56110.76	56068.68359	56125.18701	56052.01563	505771.7	5409375.9
L5770.0	505771.7	5409375.9	9178.40039	357.75	0	48.837331	-86.921346	56112.07	56251	-1.03	56111.05	56068.86328	56135.84547	56062.60156	505771.7	5409375.9
L5770.0	505771.7	5409377.9	9178.50000	356.74	0	48.837350	-86.921345	56111.52	56251	-1.03	56110.49	56068.19141	56125.57560	56052.25781	505771.7	5409377.9
L5770.0	505771.7	5409379.7	9178.59961	358.94	0	48.837365	-86.921345	56111.41	56251	-1.02	56110.39	56067.97656	56126.72798	56053.33594	505771.7	5409379.7
L5770.0	505771.7	5409381.1	9178.70020	358.86	0	48.837378	-86.921345	56111.26	56251	-1.02	56110.24	56067.71484	56126.70494	56053.23828	505771.7	5409381.1
L5770.0	505771.7	5409381.1	9178.79981	355.80	0	48.837378	-86.921345	56111.04	56251	-1.02	56110.02	56067.37891	56125.01026	56051.46484	505771.7	5409381.1
L5770.0	505771.8	5409383.2	9178.90039	355.92	0	48.837397	-86.921344	56110.82	56251	-1.01	56109.80	56067.04297	56123.37041	56049.75000	505771.8	5409383.2

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5770.0	505771.8	5409383.2	9179.00000	356.21	0	48.837397	-86.921344	56110.96	56251	-1.01	56109.95	56067.07813	56130.92089	56057.22266	505771.8	5409383.2
L5770.0	505771.8	5409384.7	9179.09961	359.70	0	48.837411	-86.921344	56110.53	56251	-1.01	56109.52	56066.53125	56124.19737	56050.42188	505771.8	5409384.7
L5770.0	505771.8	5409386.4	9179.20020	359.38	0	48.837426	-86.921344	56110.11	56251	-1.01	56109.10	56065.99609	56117.76862	56043.91406	505771.8	5409386.4
L5770.0	505771.8	5409386.4	9179.29981	360.34	0	48.837426	-86.921344	56110.20	56251	-1.01	56109.19	56065.96484	56123.98068	56050.04688	505771.8	5409386.4
L5770.0	505771.8	5409387.8	9179.40039	360.79	0	48.837439	-86.921343	56110.00	56251	-1.01	56108.99	56065.64844	56123.07367	56049.05859	505771.8	5409387.8
L5770.0	505771.9	5409389.7	9179.50000	363.66	0	48.837455	-86.921343	56109.66	56251	-1.01	56108.65	56065.18750	56118.74969	56044.65234	505771.9	5409389.7
L5770.0	505771.9	5409391.4	9179.59961	366.66	0	48.837471	-86.921343	56109.49	56251	-1.01	56108.48	56064.89844	56118.66230	56044.48438	505771.9	5409391.4
L5770.0	505771.9	5409391.4	9179.70020	367.60	0	48.837471	-86.921343	56109.54	56251	-1.01	56108.53	56064.82813	56124.04388	56049.78516	505771.9	5409391.4
L5770.0	505771.9	5409392.9	9179.79981	367.05	0	48.837484	-86.921342	56109.18	56251	-1.01	56108.17	56064.34766	56119.33290	56044.99219	505771.9	5409392.9
L5770.0	505771.9	5409394.5	9179.79981	367.05	0	48.837498	-86.921342	56108.78	56251	-1.01	56107.77	56063.82422	56113.66468	56039.24219	505771.9	5409394.5
L5770.0	505771.9	5409394.5	9180.00000	363.66	0	48.837498	-86.921342	56108.91	56251	-1.01	56107.90	56063.83203	56121.11385	56046.60547	505771.9	5409394.5
L5770.0	505771.9	5409396.0	9180.09961	357.86	0	48.837512	-86.921342	56108.50	56251	-1.01	56107.50	56063.31250	56115.49919	56040.91016	505771.9	5409396.0
L5770.0	505771.9	5409397.5	9180.20020	358.34	0	48.837525	-86.921342	56108.10	56251	-1.01	56107.09	56062.77734	56109.66045	56034.98828	505771.9	5409397.5
L5770.0	505772.0	5409399.4	9180.29981	357.28	0	48.837543	-86.921342	56108.23	56251	-1.00	56107.22	56062.78516	56117.17826	56042.42188	505772.0	5409399.4
L5770.0	505772.0	5409399.4	9180.40039	361.42	0	48.837543	-86.921342	56108.11	56251	-1.00	56107.11	56062.55078	56118.78642	56043.94531	505772.0	5409399.4
L5770.0	505772.0	5409400.9	9180.50000	364.68	0	48.837556	-86.921342	56107.54	56251	-1.00	56106.54	56061.85938	56109.04897	56034.12500	505772.0	5409400.9
L5770.0	505772.0	5409402.4	9180.59961	363.84	0	48.837570	-86.921341	56107.57	56251	-1.00	56106.57	56061.76563	56114.14185	56039.13672	505772.0	5409402.4
L5770.0	505772.0	5409403.7	9180.70020	363.73	0	48.837581	-86.921341	56107.55	56251	-1.00	56106.55	56061.62109	56118.00939	56042.92188	505772.0	5409403.7
L5770.0	505772.0	5409403.7	9180.79981	363.67	0	48.837581	-86.921341	56107.14	56251	-0.99	56106.14	56061.08594	56112.25193	56037.07813	505772.0	5409403.7
L5770.0	505772.0	5409405.8	9180.90039	361.05	0	48.837600	-86.921341	56106.89	56251	-0.99	56105.90	56060.71875	56110.69696	56035.44141	505772.0	5409405.8
L5770.0	505772.0	5409407.3	9181.00000	359.97	0	48.837614	-86.921341	56106.82	56251	-0.99	56105.83	56060.52734	56113.34169	56038.00391	505772.0	5409407.3
L5770.0	505772.0	5409407.3	9181.09961	360.49	0	48.837614	-86.921341	56106.27	56251	-0.99	56105.28	56059.85156	56104.13040	56028.71094	505772.0	5409407.3
L5770.0	505772.0	5409409.3	9181.20020	362.46	0	48.837632	-86.921340	56106.31	56251	-0.99	56105.32	56059.76563	56109.48591	56033.98438	505772.0	5409409.3
L5770.0	505772.0	5409410.7	9181.29981	362.65	0	48.837644	-86.921340	56106.20	56251	-0.99	56105.21	56059.53125	56111.12976	56035.54688	505772.0	5409410.7
L5770.0	505772.0	5409410.7	9181.40039	363.66	0	48.837644	-86.921340	56105.88	56251	-0.99	56104.88	56059.07422	56107.33037	56031.66797	505772.0	5409410.7
L5770.0	505772.1	5409412.6	9181.50000	365.24	0	48.837661	-86.921340	56105.65	56251	-0.99	56104.65	56058.71875	56105.98790	56030.24609	505772.1	5409412.6
L5770.0	505772.1	5409412.6	9181.59961	363.71	0	48.837661	-86.921340	56105.68	56251	-1.00	56104.68	56058.62500	56111.05104	56035.23047	505772.1	5409412.6
L5770.0	505772.1	5409414.8	9181.70020	362.32	0	48.837681	-86.921340	56105.14	56251	-1.00	56104.14	56057.96094	56102.01861	56026.12109	505772.1	5409414.8
L5770.0	505772.1	5409414.8	9181.79981	361.33	0	48.837681	-86.921340	56105.04	56251	-1.00	56104.04	56057.73438	56103.83160	56027.85547	505772.1	5409414.8
L5770.0	505772.1	5409417.5	9181.79981	361.33	0	48.837706	-86.921340	56105.05	56251	-1.00	56104.05	56057.62109	56108.33727	56032.28516	505772.1	5409417.5
L5770.0	505772.1	5409417.5	9182.00000	359.05	0	48.837706	-86.921340	56104.61	56251	-1.00	56103.61	56057.05859	56101.70260	56025.57422	505772.1	5409417.5
L5770.0	505772.1	5409419.0	9182.09961	358.33	0	48.837719	-86.921339	56104.39	56251	-1.00	56103.39	56056.71484	56100.47170	56024.26953	505772.1	5409419.0
L5770.0	505772.1	5409420.4	9182.20020	358.18	0	48.837732	-86.921339	56104.48	56251	-1.00	56103.47	56056.67188	56106.61757	56030.34375	505772.1	5409420.4
L5770.0	505772.1	5409422.0	9182.29981	359.81	0	48.837746	-86.921339	56104.16	56251	-1.01	56103.15	56056.22656	56102.84968	56026.50391	505772.1	5409422.0
L5770.0	505772.1	5409422.0	9182.40039	360.80	0	48.837746	-86.921339	56103.74	56251	-1.01	56102.73	56055.68359	56096.57439	56020.15625	505772.1	5409422.0
L5770.0	505772.1	5409423.9	9182.50000	365.31	0	48.837763	-86.921339	56103.68	56251	-1.01	56102.67	56055.50391	56099.14957	56022.66406	505772.1	5409423.9
L5770.0	505772.1	5409425.6	9182.59961	369.25	0	48.837778	-86.921339	56103.68	56251	-1.01	56102.67	56055.38281	56103.16351	56026.60938	505772.1	5409425.6
L5770.0	505772.1	5409426.8	9182.70020	368.99	0	48.837789	-86.921339	56103.42	56251	-1.01	56102.41	56055.00000	56100.71061	56024.08984	505772.1	5409426.8
L5770.0	505772.1	5409426.8	9182.79981	367.77	0	48.837789	-86.921339	56103.21	56251	-1.02	56102.20	56054.67188	56099.44432	56022.75781	505772.1	5409426.8
L5770.0	505772.1	5409428.5	9182.90039	368.46	0	48.837805	-86.921339	56102.85	56251	-1.02	56101.83	56054.17969	56094.17577	56017.42578	505772.1	5409428.5
L5770.0	505772.1	5409428.5	9183.00000	367.32	0	48.837805	-86.921339	56103.02	56251	-1.02	56102.00	56054.23438	56102.19025	56025.37891	505772.1	5409428.5
L5770.0	505772.1	5409430.0	9183.09961	366.11	0	48.837818	-86.921339	56102.74	56251	-1.02	56101.72	56053.83594	56099.03546	56022.16406	505772.1	5409430.0
L5770.0	505772.1	5409432.0	9183.20020	364.22	0	48.837836	-86.921339	56102.41	56251	-1.01	56101.39	56053.38672	56094.58772	56017.66016	505772.1	5409432.0
L5770.0	505772.1	5409433.7	9183.29981	365.74	0	48.837851	-86.921339	56102.43	56251	-1.01	56101.42	56053.30078	56098.97042	56021.98438	505772.1	5409433.7
L5770.0	505772.1	5409433.7	9183.40039	366.78	0	48.837851	-86.921339	56102.61	56251	-1.01	56101.61	56053.37891	56107.24189	56030.20313	505772.1	5409433.7
L5770.0	505772.1	5409435.4	9183.50000	368.05	0	48.837867	-86.921339	56101.95	56251	-1.00	56100.94	56052.59375	56094.20914	56017.11719	505772.1	5409435.4
L5770.0	505772.1	5409436.8	9183.59961	367.79	0	48.837879	-86.921339	56101.96	56251	-1.00	56100.96	56052.50000	56098.15009	56021.00781	505772.1	5409436.8
L5770.0	505772.1	5409436.8	9183.70020	366.98	0	48.837879	-86.921339	56102.08	56251	-1.00	56101.08	56052.50781	56104.49152	56027.30078	505772.1	5409436.8
L5770.0	505772.1	5409438.5	9183.79981	366.18	0	48.837895	-86.921339	56101.60	56251	-1.00	56100.60	56051.91797	56095.94360	56018.70703	505772.1	5409438.5
L5770.0	505772.1	5409440.3	9183.79981	366.18	0	48.837911	-86.921339	56101.32	56251	-1.00	56100.33	56051.53906	56092.50880	56015.23047	505772.1	5409440.3
L5770.0	505772.1	5409440.3	9184.00000	367.68	0	48.837911	-86.921339	56101.32	56251	-0.99	56100.33	56051.42969	56095.66704	56018.34375	505772.1	5409440.3
L5770.0	505772.1	5409441.9	9184.09961	367.20	0	48.837925	-86.921339	56101.48	56251	-0.99	56100.49	56051.48438	56102.69984	56025.33984	505772.1	5409441.9
L5770.0	505772.1	5409443.3	9184.20020	366.57	0	48.837938	-86.921339	56101.20	56251	-0.99	56100.21	56051.10156	56098.78734	56021.39063	505772.1	5409443.3
L5770.0	505772.1	5409443.3	9184.29981	363.68	0	48.837938	-86.921339	56100.94	56251	-0.99	56099.95	56050.73438	56095.28842	56017.85938	505772.1	5409443.3
L5770.0	505772.1	5409445.3	9184.40039	362.41	0	48.837956	-86.921339	56100.69	56251	-0.99	56099.70	56050.38281	56091.95452	56014.49219	505772.1	5409445.3
L5770.0	505772.1	5409445.3	9184.50000	359.91	0	48.837956	-86.921339	56100.74	56251	-0.99	56099.75	56050.33594	56095.94619	56018.45703	505772.1	5409445.3
L5770.0	505772.1	5409447.1	9184.59961	360.69	0	48.837972	-86.921339	56100.76	56251	-0.99	56099.77	56050.25391	56099.11205	56021.59375	505772.1	5409447.1
L5770.0	505772.1	5409448.5	9184.70020	358.52	0	48.837984	-86.921339	56100.36	56251	-0.99	56099.37	56049.75781	56091.81896	56014.28125	505772.1	5409448.5
L5770.0	505772.1	5409449.8	9184.79981	356.85	0	48.837996	-86.921339	56100.21	56251	-0.99	56099.22	56049.51563	56090.61254	56013.05078	505772.1	5409449.8
L5770.0	505772.1	5409449.8	9184.90039	354.21	0	48.837996	-86.921339	56100.39	56251	-0.99	56099.40	56049.60156	56097.46734	56019.89063	505772.1	5409449.8
L5770.0	505772.1	5409451.8	9185.00000	351.30	0	48.838014	-86.921339	56100.31	56251	-0.99	56099.32	56049.42969	56097.81111	56020.21875	505772.1	5409451.8
L5770.0	505772.1	5409453.5	9185.09961	355.46	0	48.838029	-86.921339	56100.14	56251	-0.99	56099.14	56049.16016	56095.59434	56017.98828	505772.1	5409453.5
L5770.0	505772.1	5409455.2	9185.20020	354.37	0	48.838045	-86.921339	56099.90	56251	-1.00	56098.90	56048.83203	56091.80395	56014.19141	505772.1	5409455.2
L5770.0	505772.1	5409455.2	9185.29981	352.45	0	48.838045	-86.921339	56099.95	56251	-1.00	56098.95	56048.79688	56095.08298	56017.46484	505772.1	5409455.2
L5770.0	505772.1	5409456.8	9185.40039	352.75	0	48.838059	-86.921339	56100.01	56251	-1.01	56099.00	56048.76563	56098.26858	56020.64453	505772.1	5409456.8
L5770.0	505772.1	5409456.8	9185.50000	351.85	0	48.838059	-86.921339	56099.93	56251	-1.01	56098.92	56048.60547	56098.14949	56020.52734	505772.1	5409456.8
L5770.0	505772.1	5409459.1	9185.59961	349.16	0	48.838079	-86.921339	56099.47	56251	-1.01	56098.46	56048.06641	56088.55088	56010.93359	505772.1	5409459.1
L5770.0	505772.1	5409460.4	9185.70020	349.52	0	48.838092	-86.921339	56099.66	56251	-1.02	56098.64	56048.17188	56094.66304	56017.05078	505772.1	5409460.4
L5770.0	505772.1	5409461.7	9185.79981	352.78	0	48.838103	-86.921339	56099.57	56251	-1.02	56098.55	56048.00781	56094.01139	56016.41016	505772.1	5409461.7
L5770.0	505772.1	5409461.7	9185.79981	352.78	0	48.838103	-86.921339	56099.63	56251	-1.02	56098.60	56047.98828	56096.72132	56019.13281	505772.1	5409461.7
L5770.0	505772.1	5409463.6	9186.00000	354.25	0	48.838120	-86.921339	56099.63	56251	-1.03	56098.60	56047.91797	56098.10016	56020.52734	505772.1	5409463.6
L5770.0	505772.0	5409465.5	9186.09961	356.26	0	48.838137	-86.921340	56099.30	56251	-1.03	56098.27	56047.52344	56091.23262	56013.68359	505772.0	5409465.5
L5770.0	505772.0	5409465.5	9186.20020	357.22	0	48.838137	-86.921340	56099.35	56251	-1.02	56098.33	56047.52344	56093.90033	56016.37500	505772.0	5409465.5
L5770.0	505772.0	5409467.5	9186.29981	360.43	0	48.838156	-86.921340	56099.31	56251	-1.02	56098.29	56047.42188	56094.00185	56016.50391	505772.0	5409467.5
L5770.0	505772.0	5409467.5	9186.40039	359.71	0	48.838156	-86.921340	56099.17	56251	-1.01	56098.15	56047.22266	56091.53723	56014.06641	505772.0	5409467.5
L5770.0	505772.0	5409469.0	9186.50000	358.00	0	48.838169	-86.921340	56099.14	56251	-1.01	56098.14	56047.16016	56092.18692	56014.75000	505772.0	5409469.0
L5770.0	505772.0	5409470.4	9186.59961	357.06	0	48.838181	-86.921340	56099.30	56251	-1.01	56098.29	56047.25781	56096.69206	56019.29297	505772.0	5409470.4
L5770.0	505772.0	5409470.4	9186.70020	355.85	0	48.838181	-86.921340	56099.28	56251	-1.00	56098.28	56047.19922	56097.14998	56019.79297	505772.0	5409470.4
L5770.0	505772.0	5409472.5	9186.79981	356.11	0	48.838200	-86.921340	56099.09	56251	-1.00	56098.10	56046.97656	56093.31410	56016.00391	505772.0	5409472.5
L5770.0	505772.0	5409474.5	9186.90039	356.87	0	48.838218	-86.921340	56099.07	56251	-0.99	56098.08	56046.91406	56093.33486	56016.07031	505772.0	5409474.5
L5770.0	505772.0	5409474.5	9187.00000	357.19	0	48.838218	-86.921340	56099.22	56251	-0.99	56098.23	56047.02344	56097.45978	56020.25000	505772.0	5409474.5
L5770.0	505772.0	5409476.5	9187.09961	358.38	0	48.838236	-86.921341	56098.82	56251	-0.99	56097.83	56046.58984	56087.90777	56010.75391	505772.0	5409476.5
L5770.0	505772.0	5409478.1	9187.20020	359.39	0	48.838251	-86.921341	56098.72	56251	-0.99	56097.73	56046.45703	56085.67185	56008.57813	505772.0	5409478.1
L5770.0	505772.0	5409478.1	9187.29981	361.98	0	48.838251	-86.921341	56098.79	56251	-0.99	56097.79	56046.48828	56087.29524	56010.26563	505772.0	5409478.1
L5770.0	505772.0	5409479.4	9187.40039	363.11	0	48.838262	-86.921341	56098.76	56251	-0.99	56097.77	56046.44141	56086.85157	56009.88672	505772.0	5409479.4
L5770.0	505771.9	5409481.1	9187.50000	364.26	0	48.838278	-86.921341	56098.90	56251	-0.99	56097.90	56046.55078	56090.02204	56013.12891	505771.9	5409481.1
L5770.0	505771.9	5409482.4	9187.59961	362.51	0	48.838289	-86.921341	56098.86	56251	-1.00	56097.87	56046.50000	56089.15163	56012.33203	505771.9	5409482.4
L5770.0	505771.9	5409482.4	9187.70020	358.55	0	48.838289	-86.921341	56098.95	56251	-1.00	56097.95	56046.56641	56090.90956	56014.17188	505771.9	5409482.4
L5770.0	505771.9	5409484.1	9187.79981	360.26	0	48.838304	-86.921341	56098.91	56251	-1.00	56097.92	56046.52734	56089.86369	56013.20703	505771.9	5409484.1
L5770.0	505772.0	5409486.0	9187.79981	360.26	0	48.838321	-86.921340	56098.90	56251	-1.00	56097.90	56046.49609	56088.97884	56012.41016	505772.0	5409486.0
L5770.0	505772.0	5409487.4	9188.00000	364.50	0	48.838335	-86.921340	56098.94	56251	-1.00	56097.94	56046.53516	56089.49116	56013.01172	505772.0	5409487.4
L5770.0	505772.0	5409487.4	9188.09961	362.22	0	48.838335	-86.921340	56099.14	56251	-1.00	56098.14	56046.73438	56093.87168	56017.48828	505772.0	5409487.4
L5770.0	505772.0	5409489.0	9188.20020	362.12	0	48.838349	-86.921340	56099.12	56251	-1.00	56098.12	56046.71875	56092.73705	56016.44922	505772.0	5409489.0

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5770.0	505772.0	5409489.0	9188.29981	364.57	0	48.838349	-86.921340	56098.90	56251	-1.01	56097.89	56046.49609	56086.33571	56010.15234	505772.0	5409489.0
L5770.0	505772.0	5409490.9	9188.40039	367.82	0	48.838365	-86.921340	56098.84	56251	-1.01	56097.83	56046.44922	56084.05403	56007.97656	505772.0	5409490.9
L5770.0	505772.0	5409492.6	9188.50000	365.63	0	48.838381	-86.921340	56099.15	56251	-1.01	56098.14	56046.77344	56090.83303	56014.86328	505772.0	5409492.6
L5770.0	505772.0	5409492.6	9188.59961	364.00	0	48.838381	-86.921340	56099.24	56251	-1.01	56098.23	56046.88281	56092.10324	56016.25000	505772.0	5409492.6
L5770.0	505772.0	5409494.6	9188.70020	364.59	0	48.838399	-86.921340	56099.24	56251	-1.01	56098.23	56046.90625	56091.07704	56015.34375	505772.0	5409494.6
L5770.0	505772.0	5409496.1	9188.79981	362.13	0	48.838412	-86.921340	56099.35	56251	-1.02	56098.33	56047.03516	56092.44865	56016.83594	505772.0	5409496.1
L5770.0	505772.0	5409497.6	9188.90039	360.09	0	48.838426	-86.921340	56099.33	56251	-1.02	56098.31	56047.04688	56090.78665	56015.30078	505772.0	5409497.6
L5770.0	505772.0	5409497.6	9189.00000	362.81	0	48.838426	-86.921340	56099.52	56251	-1.02	56098.50	56047.27344	56094.24297	56018.88672	505772.0	5409497.6
L5770.0	505772.0	5409499.3	9189.09961	362.92	0	48.838441	-86.921340	56099.63	56251	-1.02	56098.60	56047.41406	56095.41057	56020.18750	505772.0	5409499.3
L5770.0	505772.0	5409500.8	9189.20020	364.76	0	48.838455	-86.921340	56099.45	56251	-1.02	56098.42	56047.27734	56089.59914	56014.51563	505772.0	5409500.8
L5770.0	505772.0	5409500.8	9189.29981	366.97	0	48.838455	-86.921340	56099.57	56251	-1.02	56098.55	56047.45703	56091.38196	56016.44141	505772.0	5409500.8
L5770.0	505772.0	5409502.4	9189.40039	367.44	0	48.838469	-86.921340	56099.86	56251	-1.02	56098.83	56047.78906	56096.80975	56022.01563	505772.0	5409502.4
L5770.0	505772.0	5409502.4	9189.50000	366.14	0	48.838469	-86.921340	56099.95	56251	-1.02	56098.93	56047.94531	56097.73483	56023.08984	505772.0	5409502.4
L5770.0	505772.0	5409504.3	9189.59961	363.58	0	48.838486	-86.921340	56099.84	56251	-1.03	56098.81	56047.89063	56093.17164	56018.67969	505772.0	5409504.3
L5770.0	505772.0	5409506.0	9189.70020	361.25	0	48.838501	-86.921340	56099.90	56251	-1.03	56098.87	56048.01563	56093.00133	56018.67188	505772.0	5409506.0
L5770.0	505772.0	5409506.0	9189.79981	356.50	0	48.838501	-86.921340	56099.98	56251	-1.03	56098.96	56048.17578	56093.52181	56019.35156	505772.0	5409506.0
L5770.0	505772.0	5409507.7	9189.79981	356.50	0	48.838516	-86.921340	56100.31	56251	-1.03	56099.28	56048.57031	56099.67497	56025.67188	505772.0	5409507.7
L5770.0	505772.0	5409509.1	9190.00000	357.34	0	48.838529	-86.921340	56100.34	56251	-1.03	56099.31	56048.67969	56098.62101	56024.78906	505772.0	5409509.1
L5770.0	505772.0	5409509.1	9190.09961	358.08	0	48.838529	-86.921340	56100.34	56251	-1.03	56099.31	56048.76563	56096.78375	56023.12500	505772.0	5409509.1
L5770.0	505772.0	5409510.9	9190.20020	357.70	0	48.838545	-86.921340	56100.54	56251	-1.03	56099.51	56049.05469	56099.84614	56026.36719	505772.0	5409510.9
L5770.0	505772.0	5409512.2	9190.29981	359.54	0	48.838557	-86.921340	56100.54	56251	-1.03	56099.51	56049.14844	56097.93218	56024.63672	505772.0	5409512.2
L5770.0	505772.0	5409512.2	9190.40039	361.63	0	48.838557	-86.921340	56100.82	56251	-1.03	56099.79	56049.52344	56102.89916	56029.78906	505772.0	5409512.2
L5770.0	505772.0	5409514.1	9190.50000	363.87	0	48.838574	-86.921340	56101.14	56251	-1.03	56100.11	56049.94922	56108.82266	56035.90234	505772.0	5409514.1
L5770.0	505772.0	5409516.6	9190.59961	365.66	0	48.838597	-86.921340	56100.97	56251	-1.03	56099.94	56049.88281	56102.61628	56029.89453	505772.0	5409516.6
L5770.0	505772.0	5409516.6	9190.70020	363.77	0	48.838597	-86.921340	56100.84	56251	-1.03	56099.81	56049.86719	56097.37227	56024.84766	505772.0	5409516.6
L5770.0	505771.9	5409518.7	9190.79981	360.98	0	48.838616	-86.921340	56101.29	56251	-1.03	56100.26	56050.43359	56106.42995	56034.10938	505771.9	5409518.7
L5770.0	505771.9	5409518.7	9190.90039	359.22	0	48.838616	-86.921340	56101.40	56251	-1.03	56100.37	56050.66406	56107.07125	56034.95703	505771.9	5409518.7
L5770.0	505771.9	5409520.3	9191.00000	358.47	0	48.838631	-86.921341	56101.32	56251	-1.03	56100.29	56050.70703	56103.00381	56031.09766	505771.9	5409520.3
L5770.0	505771.9	5409521.8	9191.09961	358.31	0	48.838644	-86.921341	56101.32	56251	-1.03	56100.30	56050.84766	56101.14587	56029.45703	505771.9	5409521.8
L5770.0	505771.9	5409521.8	9191.20020	356.49	0	48.838644	-86.921341	56101.42	56251	-1.03	56100.39	56051.07422	56101.25365	56029.78516	505771.9	5409521.8
L5770.0	505771.9	5409523.7	9191.29981	355.20	0	48.838660	-86.921341	56101.66	56251	-1.02	56100.63	56051.45313	56105.05916	56033.81250	505771.9	5409523.7
L5770.0	505771.9	5409523.7	9191.40039	355.97	0	48.838660	-86.921341	56101.75	56251	-1.02	56100.72	56051.68359	56105.15659	56034.13281	505771.9	5409523.7
L5770.0	505771.9	5409525.5	9191.50000	355.61	0	48.838677	-86.921341	56101.68	56251	-1.02	56100.66	56051.77344	56101.54926	56030.75781	505771.9	5409525.5
L5770.0	505771.9	5409527.0	9191.59961	355.29	0	48.838690	-86.921341	56101.88	56251	-1.02	56100.86	56052.12500	56104.36621	56033.80859	505771.9	5409527.0
L5770.0	505771.9	5409528.2	9191.70020	356.67	0	48.838701	-86.921341	56102.16	56251	-1.02	56101.14	56052.56250	56109.16536	56038.84766	505771.9	5409528.2
L5770.0	505771.8	5409529.4	9191.79981	359.39	0	48.838712	-86.921341	56102.43	56251	-1.01	56101.42	56053.00391	56113.97437	56043.89453	505771.8	5409529.4
L5770.0	505771.8	5409531.1	9191.79981	359.39	0	48.838728	-86.921341	56102.52	56251	-1.01	56101.51	56053.26172	56114.10426	56044.26953	505771.8	5409531.1
L5770.0	505771.8	5409531.1	9192.00000	361.87	0	48.838728	-86.921341	56102.41	56251	-1.01	56101.40	56053.32031	56109.31151	56039.72656	505771.8	5409531.1
L5770.0	505771.9	5409533.7	9192.09961	363.40	0	48.838750	-86.921341	56102.31	56251	-1.01	56101.30	56053.39844	56104.78594	56035.45703	505771.9	5409533.7
L5770.0	505771.9	5409533.7	9192.20020	362.83	0	48.838750	-86.921341	56102.82	56251	-1.01	56101.80	56054.07813	56115.10217	56046.02734	505771.9	5409533.7
L5770.0	505771.8	5409535.1	9192.29981	361.92	0	48.838763	-86.921341	56102.84	56251	-1.01	56101.83	56054.29297	56113.83808	56045.02344	505771.8	5409535.1
L5770.0	505771.8	5409535.1	9192.40039	363.78	0	48.838763	-86.921341	56102.74	56251	-1.01	56101.72	56054.37109	56109.14714	56040.59766	505771.8	5409535.1
L5770.0	505771.8	5409537.0	9192.50000	362.75	0	48.838781	-86.921341	56102.82	56251	-1.01	56101.80	56054.64453	56109.18285	56040.89844	505771.8	5409537.0
L5770.0	505771.8	5409538.7	9192.59961	361.02	0	48.838796	-86.921341	56103.02	56251	-1.02	56102.00	56055.03906	56112.21996	56044.20703	505771.8	5409538.7
L5770.0	505771.8	5409538.7	9192.70020	358.11	0	48.838796	-86.921341	56103.29	56251	-1.02	56102.28	56055.52344	56117.27412	56049.53906	505771.8	5409538.7
L5770.0	505771.8	5409540.4	9192.79981	357.27	0	48.838811	-86.921341	56103.14	56251	-1.02	56102.13	56055.57813	56111.75349	56044.29297	505771.8	5409540.4
L5770.0	505771.8	5409542.1	9192.90039	355.92	0	48.838826	-86.921342	56103.09	56251	-1.02	56102.07	56055.72656	56108.50393	56041.32422	505771.8	5409542.1
L5770.0	505771.8	5409542.1	9193.00000	356.56	0	48.838826	-86.921342	56103.41	56251	-1.02	56102.39	56056.26172	56114.69107	56047.79688	505771.8	5409542.1
L5770.0	505771.8	5409542.1	9193.09961	354.72	0	48.838826	-86.921342	56103.55	56251	-1.02	56102.53	56056.62109	56116.48816	56049.88281	505771.8	5409542.1
L5770.0	505771.8	5409545.2	9193.20020	353.96	0	48.838854	-86.921342	56103.29	56251	-1.02	56102.27	56056.58594	56108.46539	56042.15234	505771.8	5409545.2
L5770.0	505771.8	5409545.9	9193.29981	353.92	0	48.838861	-86.921342	56103.47	56251	-1.02	56102.45	56056.99219	56111.37157	56045.35547	505771.8	5409545.9
L5770.0	505771.8	5409547.4	9193.40039	352.01	0	48.838874	-86.921342	56103.60	56251	-1.02	56102.58	56057.35156	56113.10869	56047.39063	505771.8	5409547.4
L5770.0	505771.8	5409547.4	9193.50000	350.20	0	48.838874	-86.921342	56103.79	56251	-1.02	56102.77	56057.77734	56116.39680	56050.98047	505771.8	5409547.4
L5770.0	505771.8	5409549.0	9193.59961	349.69	0	48.838888	-86.921342	56103.73	56251	-1.02	56102.71	56057.95703	56113.58326	56048.47266	505771.8	5409549.0
L5770.0	505771.8	5409550.7	9193.70020	350.62	0	48.838904	-86.921342	56103.50	56251	-1.02	56102.48	56057.96875	56106.64715	56041.84375	505771.8	5409550.7
L5770.0	505771.8	5409551.9	9193.79981	349.68	0	48.838915	-86.921342	56103.82	56251	-1.02	56102.80	56058.53516	56113.37350	56048.88281	505771.8	5409551.9
L5770.0	505771.8	5409551.9	9193.79981	349.68	0	48.838915	-86.921342	56103.83	56251	-1.02	56102.81	56058.79688	56112.52624	56048.34766	505771.8	5409551.9
L5770.0	505771.8	5409554.0	9194.00000	353.67	0	48.838933	-86.921342	56104.06	56251	-1.02	56103.04	56059.28125	56117.19791	56053.33594	505771.8	5409554.0
L5770.0	505771.7	5409555.6	9194.09961	352.32	0	48.838948	-86.921342	56104.05	56251	-1.02	56103.03	56059.52734	56116.03109	56052.49219	505771.7	5409555.6
L5770.0	505771.7	5409555.6	9194.20020	354.55	0	48.838948	-86.921342	56104.03	56251	-1.02	56103.02	56059.78125	56114.95608	56051.73828	505771.7	5409555.6
L5770.0	505771.7	5409557.4	9194.29981	358.38	0	48.838964	-86.921342	56104.18	56251	-1.01	56103.17	56060.19531	56117.92740	56055.03516	505771.7	5409557.4
L5770.0	505771.7	5409559.2	9194.40039	361.23	0	48.838980	-86.921342	56104.43	56251	-1.01	56103.41	56060.70313	56123.21919	56060.65625	505771.7	5409559.2
L5770.0	505771.7	5409559.2	9194.50000	364.21	0	48.838980	-86.921342	56104.11	56251	-1.01	56103.10	56060.66406	56115.02834	56052.79688	505771.7	5409559.2
L5770.0	505771.7	5409560.9	9194.59961	367.00	0	48.838995	-86.921342	56104.10	56251	-1.01	56103.09	56060.92969	56114.34993	56052.45313	505771.7	5409560.9
L5770.0	505771.7	5409563.1	9194.70020	366.96	0	48.839015	-86.921342	56104.52	56251	-1.01	56103.51	56061.62891	56124.39725	56062.83984	505771.7	5409563.1
L5770.0	505771.7	5409563.1	9194.79981	365.55	0	48.839015	-86.921342	56104.18	56251	-1.00	56103.17	56061.57422	56115.78367	56054.56641	505771.7	5409563.1
L5770.0	505771.7	5409564.6	9194.90039	366.56	0	48.839028	-86.921342	56104.36	56251	-1.00	56103.36	56062.04688	56120.37062	56059.49609	505771.7	5409564.6
L5770.0	505771.8	5409566.3	9195.00000	363.74	0	48.839044	-86.921342	56104.56	56251	-1.00	56103.56	56062.53906	56125.31816	56064.78906	505771.8	5409566.3
L5770.0	505771.8	5409566.3	9195.09961	364.04	0	48.839044	-86.921342	56104.36	56251	-1.00	56103.35	56062.62109	56120.25593	56060.07422	505771.8	5409566.3
L5770.0	505771.8	5409568.3	9195.20020	363.09	0	48.839062	-86.921342	56104.14	56251	-1.01	56103.13	56062.69531	56115.06486	56055.23438	505771.8	5409568.3
L5770.0	505771.8	5409568.3	9195.29981	364.01	0	48.839062	-86.921342	56104.39	56251	-1.01	56103.38	56063.24219	56121.60155	56062.12109	505771.8	5409568.3
L5770.0	505771.8	5409570.3	9195.40039	362.02	0	48.839080	-86.921342	56104.48	56251	-1.01	56103.46	56063.62500	56124.06199	56064.93750	505771.8	5409570.3
L5770.0	505771.8	5409570.3	9195.50000	360.30	0	48.839080	-86.921342	56104.28	56251	-1.01	56103.26	56063.72656	56119.73140	56060.96484	505771.8	5409570.3
L5770.0	505771.8	5409572.1	9195.59961	358.32	0	48.839096	-86.921341	56104.26	56251	-1.02	56103.24	56064.01563	56119.97207	56061.56250	505771.8	5409572.1
L5770.0	505771.8	5409573.8	9195.70020	353.17	0	48.839112	-86.921341	56104.40	56251	-1.02	56103.38	56064.46484	56124.29168	56066.24609	505771.8	5409573.8
L5770.0	505771.8	5409575.6	9195.79981	353.96	0	48.839128	-86.921341	56104.52	56251	-1.02	56103.49	56064.88672	56127.99932	56070.31641	505771.8	5409575.6
L5770.0	505771.8	5409575.6	9195.79981	353.96	0	48.839128	-86.921341	56104.15	56251	-1.02	56103.13	56064.84375	56120.22973	56062.91016	505771.8	5409575.6
L5770.0	505771.9	5409577.1	9196.00000	354.22	0	48.839141	-86.921341	56104.14	56251	-1.03	56103.11	56065.14063	56120.98859	56064.03906	505771.9	5409577.1
L5770.0	505771.9	5409578.9	9196.09961	355.35	0	48.839157	-86.921340	56104.18	56251	-1.03	56103.16	56065.51172	56123.60883	56067.02734	505771.9	5409578.9
L5770.0	505771.9	5409578.9	9196.20020	357.96	0	48.839157	-86.921340	56104.07	56251	-1.03	56103.05	56065.72266	56122.41112	56066.20313	505771.9	5409578.9
L5770.0	505771.9	5409580.6	9196.29981	361.19	0	48.839173	-86.921340	56103.88	56251	-1.02	56102.86	56065.85938	56119.37201	56063.53516	505771.9	5409580.6
L5770.0	505771.9	5409580.6	9196.40039	359.27	0	48.839173	-86.921340	56103.75	56251	-1.02	56102.73	56066.05859	56117.94971	56062.48828	505771.9	5409580.6
L5770.0	505771.9	5409582.5	9196.50000	358.03	0	48.839189	-86.921339	56103.70	56251	-1.02	56102.67	56066.32813	56118.39171	56063.30469	505771.9	5409582.5
L5770.0	505772.0	5409583.9	9196.59961	356.86	0	48.839203	-86.921339	56103.50	56251	-1.02	56102.48	56066.46875	56115.75898	56061.05078	505772.0	5409583.9
L5770.0	505772.0	5409585.7	9196.70020	357.10	0	48.839219	-86.921338	56103.47	56251	-1.02	56102.46	56066.78516	56117.46080	56063.13281	505772.0	5409585.7
L5770.0	505772.0	5409585.7	9196.79981	359.42	0	48.839219	-86.921338	56103.40	56251	-1.01	56102.38	56067.04297	56117.81693	56063.86719	505772.0	5409585.7
L5770.0	505772.0	5409587.3	9196.90039	359.46	0	48.839233	-86.921338	56103.44	56251	-1.01	56102.43	56067.42969	56121.51969	56067.94922	505772.0	5409587.3
L5770.0	505772.0	5409588.5	9197.00000	355.77	0	48.839244	-86.921338	56103.32	56251	-1.01	56102.31	56067.65234	56121.15975	56067.97266	505772.0	5409588.5
L5770.0	505772.1	5409590.3	9197.09961	357.74	0	48.839260	-86.921337	56103.04	56251	-1.01	56102.03	56067.71484	56116.98367	56064.18359	505772.1	5409590.3
L5770.0	505772.1	5409590.3	9197.20020	358.66	0	48.839260	-86.921337	56103.09	56251	-1.01	56102.08	56068.11328	56121.09234	56068.67578	505772.1	5409590.3
L5770.0	505772.1	5409592.0	9197.29981	356.92	0	48.839275	-86.921337	56103.09	56251	-1.01	56102.08	56068.46094	56124.10023	56072.07031	505772.1	5409592.0
L5770.0	505772.1	5409593.2	9197.40039	357.97	0	48.839286	-86.921337	56102.76	56251	-1.01	56101.75	56068.48047	56119.09132	56067.44531	505772.1	5409593.2
L5770.0	505772.1	5409593.2	9197.50000	361.63	0	48.839286	-86.921337	56102.58	56251	-1.01	56101.57	56068.65234	56117.91908	56066.66016	505772.1	5409593.2

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5770.0	505772.1	5409595.3	9197.59961	362.42	0	48.839305	-86.921337	56102.74	56251	-1.01	56101.73	56069.16797	56125.27468	56074.40625	505772.1	5409595.3
L5770.0	505772.1	5409596.7	9197.70020	363.12	0	48.839317	-86.921337	56102.32	56251	-1.01	56101.31	56069.10156	56118.43568	56067.95703	505772.1	5409596.7
L5770.0	505772.1	5409598.0	9197.79981	361.56	0	48.839330	-86.921337	56102.00	56251	-1.01	56100.99	56069.14063	56114.19443	56064.10547	505772.1	5409598.0
L5770.0	505772.1	5409598.0	9197.79981	361.56	0	48.839330	-86.921337	56102.11	56251	-1.01	56101.10	56069.60938	56120.69919	56070.99609	505772.1	5409598.0
L5770.0	505772.1	5409599.9	9198.00000	366.10	0	48.839347	-86.921336	56102.08	56251	-1.01	56101.07	56069.94141	56123.87096	56074.55859	505772.1	5409599.9
L5770.0	505772.1	5409601.4	9198.09961	364.61	0	48.839360	-86.921336	56101.84	56251	-1.01	56100.83	56070.06641	56121.97898	56073.05859	505772.1	5409601.4
L5770.0	505772.2	5409603.0	9198.20020	362.78	0	48.839374	-86.921336	56101.77	56251	-1.01	56100.76	56070.35938	56124.40593	56075.87500	505772.2	5409603.0
L5770.0	505772.2	5409603.0	9198.29981	365.60	0	48.839374	-86.921336	56101.25	56251	-1.01	56100.23	56070.19531	56115.59051	56067.44922	505772.2	5409603.0
L5770.0	505772.2	5409604.7	9198.40039	367.69	0	48.839389	-86.921336	56101.16	56251	-1.01	56100.15	56070.48438	56118.00445	56070.25391	505772.2	5409604.7
L5770.0	505772.2	5409604.7	9198.50000	368.32	0	48.839389	-86.921336	56100.59	56251	-1.01	56099.57	56070.27734	56108.18318	56060.82422	505772.2	5409604.7
L5770.0	505772.1	5409606.4	9198.59961	367.83	0	48.839405	-86.921336	56100.31	56251	-1.02	56099.30	56070.37891	56106.12843	56059.16016	505772.1	5409606.4
L5770.0	505772.1	5409608.5	9198.70020	370.19	0	48.839424	-86.921336	56100.39	56251	-1.02	56099.37	56070.82422	56112.57829	56066.00000	505772.1	5409608.5
L5770.0	505772.1	5409608.5	9198.79981	367.86	0	48.839424	-86.921336	56100.39	56251	-1.02	56099.37	56071.19922	56117.40407	56071.21484	505772.1	5409608.5
L5770.0	505772.1	5409610.0	9198.90039	367.36	0	48.839437	-86.921336	56100.06	56251	-1.02	56099.04	56071.25000	56114.18149	56068.37891	505772.1	5409610.0
L5770.0	505772.1	5409610.0	9199.00000	365.94	0	48.839437	-86.921336	56100.01	56251	-1.02	56098.99	56071.57813	56117.97241	56072.55859	505772.1	5409610.0
L5770.0	505772.1	5409611.6	9199.09961	362.27	0	48.839452	-86.921337	56099.65	56251	-1.02	56098.63	56071.60156	56114.20234	56069.17578	505772.1	5409611.6
L5770.0	505772.1	5409613.5	9199.20020	361.32	0	48.839468	-86.921337	56099.40	56251	-1.02	56098.38	56071.73438	56113.24048	56068.60156	505772.1	5409613.5
L5770.0	505772.1	5409613.5	9199.29981	361.05	0	48.839468	-86.921337	56099.17	56251	-1.01	56098.15	56071.89063	56112.86055	56068.60938	505772.1	5409613.5
L5770.0	505772.1	5409615.3	9199.40039	359.35	0	48.839485	-86.921337	56098.70	56251	-1.01	56097.68	56071.80469	56106.63768	56062.76953	505772.1	5409615.3
L5770.0	505772.1	5409616.9	9199.50000	359.45	0	48.839499	-86.921337	56098.76	56251	-1.01	56097.75	56072.26563	56113.83163	56070.34766	505772.1	5409616.9
L5770.0	505772.0	5409618.4	9199.59961	358.06	0	48.839512	-86.921337	56098.44	56251	-1.01	56097.43	56072.33594	56111.47044	56068.36719	505772.0	5409618.4
L5770.0	505772.0	5409618.4	9199.70020	355.98	0	48.839512	-86.921337	56097.96	56251	-1.01	56096.95	56072.25000	56105.23042	56062.50781	505772.0	5409618.4
L5770.0	505772.0	5409618.4	9199.79981	355.95	0	48.839512	-86.921337	56098.08	56251	-1.00	56097.07	56072.76563	56113.87709	56071.53516	505772.0	5409618.4
L5770.0	505772.0	5409621.5	9199.79981	355.95	0	48.839540	-86.921338	56097.50	56251	-1.00	56096.50	56072.58984	56105.54740	56063.58594	505772.0	5409621.5
L5770.0	505772.0	5409621.5	9199.90039	356.66	0	48.839540	-86.921338	56097.63	56251	-1.00	56096.63	56073.12109	56114.56574	56072.98047	505772.0	5409621.5
L5770.0	505772.0	5409623.1	9200.00000	355.55	0	48.839555	-86.921338	56096.87	56251	-1.00	56095.87	56072.76172	56101.65983	56060.44922	505772.0	5409623.1
L5770.0	505772.0	5409623.1	9200.09961	357.78	0	48.839555	-86.921338	56096.94	56251	-1.00	56095.94	56073.23438	56109.30391	56068.46484	505772.0	5409623.1
L5770.0	505772.0	5409624.6	9200.20020	358.56	0	48.839568	-86.921338	56096.52	56251	-1.00	56095.52	56073.21875	56104.89373	56064.42578	505772.0	5409624.6
L5770.0	505771.9	5409626.0	9200.40039	360.12	0	48.839581	-86.921339	56096.50	56251	-1.00	56095.50	56073.60547	56110.40504	56070.30859	505771.9	5409626.0
L5770.0	505771.9	5409626.0	9200.50000	364.72	0	48.839581	-86.921339	56096.08	56251	-0.99	56095.09	56073.60547	56106.32283	56066.59375	505771.9	5409626.0
L5770.0	505771.9	5409627.4	9200.59961	363.94	0	48.839593	-86.921339	56095.71	56251	-0.99	56094.71	56073.63672	56103.01525	56063.65234	505771.9	5409627.4
L5770.0	505771.9	5409628.7	9200.70020	364.02	0	48.839605	-86.921339	56095.55	56251	-0.99	56094.56	56073.89844	56105.41711	56066.41406	505771.9	5409628.7
L5770.0	505771.9	5409629.9	9200.79981	365.46	0	48.839616	-86.921339	56095.13	56251	-0.99	56094.14	56073.89453	56101.17541	56062.53516	505771.9	5409629.9
L5770.0	505771.9	5409631.2	9200.90039	365.85	0	48.839627	-86.921339	56094.54	56251	-0.99	56093.55	56073.72266	56092.75523	56054.47266	505771.9	5409631.2
L5770.0	505771.9	5409631.2	9201.00000	365.78	0	48.839627	-86.921339	56094.59	56251	-0.99	56093.60	56074.19141	56100.15642	56062.23047	505771.9	5409631.2
L5770.0	505771.9	5409632.7	9201.09961	368.30	0	48.839641	-86.921339	56094.14	56251	-0.99	56093.15	56074.16406	56095.21997	56057.64453	505771.9	5409632.7
L5770.0	505771.9	5409633.8	9201.20020	368.42	0	48.839651	-86.921339	56093.61	56251	-0.99	56092.61	56074.05078	56088.06699	56050.84375	505771.9	5409633.8
L5770.0	505771.9	5409635.2	9201.29981	368.49	0	48.839664	-86.921339	56093.48	56251	-0.99	56092.48	56074.34766	56091.04132	56054.16797	505771.9	5409635.2
L5770.0	505771.9	5409635.2	9201.40039	367.29	0	48.839664	-86.921339	56093.36	56251	-0.99	56092.36	56074.65625	56094.25966	56057.73047	505771.9	5409635.2
L5770.0	505771.9	5409636.4	9201.50000	367.83	0	48.839675	-86.921339	56092.89	56251	-0.99	56091.90	56074.62891	56089.07358	56052.88281	505771.9	5409636.4
L5770.0	505771.9	5409637.7	9201.59961	366.57	0	48.839686	-86.921339	56092.70	56251	-1.00	56091.70	56074.86328	56090.29669	56054.44531	505771.9	5409637.7
L5770.0	505771.9	5409638.9	9201.70020	365.92	0	48.839697	-86.921340	56092.72	56251	-1.00	56091.72	56075.32422	56096.93665	56061.42188	505771.9	5409638.9
L5770.0	505771.9	5409638.9	9201.79981	365.93	0	48.839697	-86.921340	56092.34	56251	-1.00	56091.35	56075.39063	56093.92399	56058.74219	505771.9	5409638.9
L5770.0	505771.8	5409640.2	9201.79981	365.93	0	48.839709	-86.921340	56091.96	56251	-1.00	56090.96	56075.44531	56090.39217	56055.53906	505771.8	5409640.2
L5770.0	505771.8	5409641.5	9202.00000	364.98	0	48.839721	-86.921340	56091.76	56251	-1.00	56090.76	56075.69141	56091.52326	56056.99609	505771.8	5409641.5
L5770.0	505771.8	5409641.5	9202.09961	362.41	0	48.839721	-86.921340	56091.16	56251	-1.00	56090.16	56075.53906	56082.74188	56048.53906	505771.8	5409641.5
L5770.0	505771.8	5409643.0	9202.20020	358.42	0	48.839734	-86.921341	56091.25	56251	-1.00	56090.26	56076.08984	56091.21043	56057.32813	505771.8	5409643.0
L5770.0	505771.8	5409644.1	9202.29981	355.67	0	48.839744	-86.921341	56090.59	56251	-1.00	56089.60	56075.88281	56080.86744	56047.30078	505771.8	5409644.1
L5770.0	505771.8	5409644.1	9202.40039	356.09	0	48.839744	-86.921341	56090.67	56251	-1.00	56089.68	56076.42188	56088.75420	56055.50000	505771.8	5409644.1
L5770.0	505771.7	5409645.5	9202.50000	355.14	0	48.839756	-86.921341	56090.14	56251	-0.99	56089.15	56076.35156	56081.52609	56048.57813	505771.7	5409645.5
L5770.0	505771.7	5409646.7	9202.59961	351.89	0	48.839767	-86.921342	56089.96	56251	-0.99	56088.96	56076.62500	56082.64134	56050.00000	505771.7	5409646.7
L5770.0	505771.7	5409646.7	9202.70020	350.26	0	48.839767	-86.921342	56089.54	56251	-0.99	56088.55	56076.67969	56078.26602	56045.92578	505771.7	5409646.7
L5770.0	505771.7	5409648.1	9202.79981	351.90	0	48.839780	-86.921342	56089.28	56251	-0.99	56088.29	56076.88672	56077.53442	56045.49219	505771.7	5409648.1
L5770.0	505771.7	5409648.1	9202.90039	351.18	0	48.839780	-86.921342	56089.11	56251	-0.99	56088.11	56077.17969	56078.71429	56046.96484	505771.7	5409648.1
L5770.0	505771.7	5409649.2	9203.00000	352.30	0	48.839790	-86.921342	56088.74	56251	-0.99	56087.75	56077.29297	56075.38113	56043.91797	505771.7	5409649.2
L5770.0	505771.7	5409650.4	9203.09961	353.84	0	48.839801	-86.921342	56088.66	56251	-0.99	56087.67	56077.69141	56078.89228	56047.71484	505771.7	5409650.4
L5770.0	505771.7	5409651.7	9203.20020	353.37	0	48.839812	-86.921342	56088.42	56251	-0.99	56087.43	56077.93359	56078.37806	56047.48438	505771.7	5409651.7
L5770.0	505771.7	5409651.7	9203.29981	353.94	0	48.839812	-86.921342	56087.98	56251	-0.99	56086.99	56077.98047	56072.84766	56042.23047	505771.7	5409651.7
L5770.0	505771.7	5409652.6	9203.40039	353.66	0	48.839820	-86.921342	56087.68	56251	-0.99	56086.69	56078.16797	56070.69519	56040.35156	505771.7	5409652.6
L5770.0	505771.7	5409653.7	9203.50000	351.60	0	48.839830	-86.921342	56087.64	56251	-0.99	56086.64	56078.60938	56074.63465	56044.56250	505771.7	5409653.7
L5770.0	505771.7	5409654.6	9203.59961	351.93	0	48.839838	-86.921342	56087.54	56251	-1.00	56086.54	56079.00391	56077.25448	56047.44531	505771.7	5409654.6
L5770.0	505771.7	5409654.6	9203.70020	354.01	0	48.839838	-86.921342	56087.23	56251	-1.00	56086.23	56079.19141	56074.60080	56045.05469	505771.7	5409654.6
L5770.0	505771.7	5409655.8	9203.79981	354.01	0	48.839849	-86.921342	56086.81	56251	-1.00	56085.81	56079.26953	56069.14109	56039.85156	505771.7	5409655.8
L5770.0	505771.7	5409656.9	9203.79981	354.01	0	48.839859	-86.921342	56086.53	56251	-1.00	56085.53	56079.49609	56067.04749	56038.01172	505771.7	5409656.9
L5770.0	505771.7	5409657.5	9204.00000	358.53	0	48.839864	-86.921342	56086.70	56251	-1.00	56085.70	56080.17188	56075.97411	56047.18359	505771.7	5409657.5
L5770.0	505771.7	5409657.5	9204.09961	359.83	0	48.839864	-86.921342	56086.47	56251	-1.00	56085.47	56080.45703	56074.92687	56046.38281	505771.7	5409657.5
L5770.0	505771.7	5409658.4	9204.20020	362.56	0	48.839872	-86.921342	56085.84	56251	-1.00	56084.84	56080.33984	56063.90418	56035.59766	505771.7	5409658.4
L5770.0	505771.7	5409658.4	9204.29981	365.77	0	48.839872	-86.921342	56085.66	56251	-1.00	56084.66	56080.67969	56063.89692	56035.82813	505771.7	5409658.4
L5770.0	505771.7	5409659.5	9204.40039	365.01	0	48.839883	-86.921342	56085.51	56251	-1.00	56084.51	56081.05078	56064.53113	56036.69141	505771.7	5409659.5
L5770.0	505771.7	5409660.4	9204.50000	367.41	0	48.839890	-86.921342	56085.46	56251	-1.00	56084.46	56081.52344	56067.53446	56039.92188	505771.7	5409660.4
L5770.0	505771.7	5409661.4	9204.59961	367.89	0	48.839900	-86.921342	56085.23	56251	-1.00	56084.23	56081.82422	56065.99084	56038.60156	505771.7	5409661.4
L5770.0	505771.7	5409661.4	9204.70020	367.19	0	48.839900	-86.921342	56085.66	56251	-1.00	56084.66	56082.78516	56080.64481	56053.47266	505771.7	5409661.4
L5770.0	505771.6	5409662.4	9204.79981	364.99	0	48.839909	-86.921342	56085.01	56251	-1.00	56084.01	56082.67188	56068.52321	56041.56641	505771.6	5409662.4
L5770.0	505771.6	5409663.3	9204.90039	362.83	0	48.839917	-86.921343	56085.18	56251	-1.00	56084.18	56083.37891	56076.54956	56049.80469	505771.6	5409663.3
L5770.0	505771.6	5409664.2	9205.00000	363.10	0	48.839925	-86.921343	56084.83	56251	-1.00	56083.83	56083.57422	56071.62975	56045.08984	505771.6	5409664.2
L5770.0	505771.6	5409664.2	9205.09961	362.10	0	48.839925	-86.921343	56084.80	56251	-1.00	56083.80	56084.08984	56074.50894	56048.16797	505771.6	5409664.2
L5770.0	505771.6	5409665.0	9205.20020	360.46	0	48.839932	-86.921343	56084.78	56251	-1.00	56083.79	56084.62891	56077.77805	56051.63672	505771.6	5409665.0
L5770.0	505771.6	5409665.9	9205.29981	362.49	0	48.839940	-86.921343	56084.34	56251	-0.99	56083.35	56084.74219	56070.32361	56044.37500	505771.6	5409665.9
L5770.0	505771.5	5409666.9	9205.40039	361.12	0	48.839949	-86.921344	56084.40	56251	-0.99	56083.41	56085.35938	56075.11396	56049.35547	505771.5	5409666.9
L5770.0	505771.5	5409666.9	9205.50000	359.87	0	48.839949	-86.921344	56084.29	56251	-0.99	56083.30	56085.80859	56075.60261	56050.02734	505771.5	5409666.9
L5770.0	505771.5	5409666.9	9205.59961	361.90	0	48.839949	-86.921344	56083.97	56251	-0.99	56082.98	56086.05078	56070.80224	56045.40625	505771.5	5409666.9
L5770.0	505771.5	5409667.9	9205.70020	359.04	0	48.839958	-86.921344	56084.20	56251	-0.99	56083.21	56086.84766	56079.48312	56054.26563	505771.5	5409667.9
L5770.0	505771.5	5409668.6	9205.79981	355.10	0	48.839964	-86.921344	56083.74	56251	-0.98	56082.75	56086.95703	56071.02198	56045.97656	505771.5	5409668.6
L5770.0	505771.5	5409669.5	9205.79981	355.10	0	48.839973	-86.921344	56083.84	56251	-0.98	56082.86	56087.64063	56076.53779	56051.66016	505771.5	5409669.5
L5770.0	505771.5	5409669.5	9206.00000	355.98	0	48.839973	-86.921344	56083.77	56251	-0.98	56082.79	56088.14453	56077.50898	56052.79688	505771.5	5409669.5
L5770.0	505771.5	5409670.4	9206.09961	357.46	0	48.839980	-86.921344	56083.51	56251	-0.98	56082.53	56088.46484	56073.68975	56049.13672	505771.5	5409670.4
L5770.0	505771.5	5409670.4	9206.20020	358.17	0	48.839980	-86.921344	56083.36	56251	-0.98	56082.38	56088.89844	56072.49048	56048.09375	505771.5	5409670.4
L5770.0	505771.5	5409671.9	9206.29981	357.29	0	48.839994	-86.921344	56083.39	56251	-0.98	56082.40	56089.50391	56075.39436	56051.15234	505771.5	5409671.9
L5770.0	505771.5	5409671.9	9206.40039	359.61	0	48.839994	-86.921344	56083.34	56251	-0.98	56082.36	56090.05469	56076.72264	56052.62891	505771.5	5409671.9
L5770.0	505771.5	5409672.6	9206.50000	359.75	0	48.840000	-86.921344	56083.01	56251	-0.99	56082.02	56090.30469	56070.54969	56046.60156	505771.5	5409672.6
L5770.0	505771.5	5409673.4	9206.59961	359.67	0	48.840007	-86.921344	56082.91	56251	-0.99	56081.92	56090.80078	56070.21350	56046.41016	505771.5	5409673.4
L5770.0	505771.5	5409673.4	9206.70020	360.09	0	48.840007	-86.921344	56082.83	56251	-0.99	56081.85	56091.32813	56070.52952	56046.86328	505771.5	5409673.4
L5770.0	505771.5	5409673.9	9206.79981	359.07	0	48.840012	-86.921344	56083.04	56251	-0.99	56082.05	56092.12891	56077.42688	56053.89844	505771.5	5409673.9

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5770.0	505771.5	5409674.8	9206.90039	357.53	0	48.840020	-86.921344	56082.88	56251	-0.99	56081.89	56092.57031	56075.34850	56051.94922	505771.5	5409674.8
L5770.0	505771.5	5409674.8	9207.00000	353.82	0	48.840020	-86.921344	56082.75	56251	-0.99	56081.76	56093.04688	56073.92818	56050.66016	505771.5	5409674.8
L5770.0	505771.5	5409675.3	9207.09961	353.83	0	48.840025	-86.921344	56082.58	56251	-0.99	56081.59	56093.48828	56071.43922	56048.29688	505771.5	5409675.3
L5770.0	505771.5	5409675.3	9207.20020	356.45	0	48.840025	-86.921344	56082.38	56251	-0.99	56081.39	56093.89844	56068.13072	56045.10938	505771.5	5409675.3
L5770.0	505771.6	5409675.9	9207.29981	359.23	0	48.840030	-86.921343	56082.48	56251	-0.99	56081.49	56094.61328	56072.15485	56049.25391	505771.6	5409675.9
L5770.0	505771.6	5409676.6	9207.40039	359.21	0	48.840036	-86.921343	56082.45	56251	-0.99	56081.46	56095.19922	56072.89418	56050.10938	505771.6	5409676.6
L5770.0	505771.6	5409677.2	9207.50000	362.40	0	48.840041	-86.921342	56082.48	56251	-0.99	56081.50	56095.85938	56075.29039	56052.62109	505771.6	5409677.2
L5770.0	505771.6	5409677.2	9207.59961	364.32	0	48.840041	-86.921342	56082.22	56251	-0.98	56081.24	56096.21875	56070.20793	56047.64844	505771.6	5409677.2
L5770.0	505771.7	5409677.8	9207.70020	364.53	0	48.840047	-86.921342	56082.30	56251	-0.98	56081.31	56096.91406	56073.20818	56050.75781	505771.7	5409677.8
L5770.0	505771.7	5409678.4	9207.79981	363.81	0	48.840052	-86.921341	56082.27	56251	-0.98	56081.29	56097.51953	56073.92080	56051.57813	505771.7	5409678.4
L5770.0	505771.7	5409678.7	9207.79981	363.81	0	48.840055	-86.921341	56082.25	56251	-0.98	56081.26	56098.11719	56074.32394	56052.08203	505771.7	5409678.7
L5770.0	505771.7	5409678.7	9208.00000	366.80	0	48.840055	-86.921341	56082.20	56251	-0.98	56081.22	56098.70703	56074.41999	56052.28125	505771.7	5409678.7
L5770.0	505771.7	5409679.3	9208.09961	364.58	0	48.840061	-86.921341	56082.20	56251	-0.98	56081.22	56099.33594	56075.44617	56053.40625	505771.7	5409679.3
L5770.0	505771.7	5409679.3	9208.20020	363.01	0	48.840061	-86.921341	56082.32	56251	-0.98	56081.34	56100.08984	56079.38064	56057.43750	505771.7	5409679.3
L5770.0	505771.8	5409679.8	9208.29981	361.58	0	48.840065	-86.921340	56082.12	56251	-0.98	56081.14	56100.52734	56075.35916	56053.51172	505771.8	5409679.8
L5770.0	505771.8	5409680.3	9208.40039	360.15	0	48.840070	-86.921340	56082.25	56251	-0.98	56081.27	56101.29297	56079.43707	56057.68359	505771.8	5409680.3
L5770.0	505771.8	5409680.3	9208.50000	361.23	0	48.840070	-86.921340	56081.79	56251	-0.98	56080.81	56101.46875	56068.89564	56047.23438	505771.8	5409680.3
L5770.0	505771.8	5409680.7	9208.59961	363.82	0	48.840073	-86.921340	56082.07	56251	-0.98	56081.09	56102.39063	56076.58399	56055.01172	505771.8	5409680.7
L5770.0	505771.8	5409681.1	9208.70020	363.76	0	48.840076	-86.921340	56081.92	56251	-0.98	56080.94	56102.87891	56073.60915	56052.12500	505771.8	5409681.1
L5770.0	505771.8	5409681.6	9208.79981	363.59	0	48.840081	-86.921340	56082.02	56251	-0.98	56081.04	56103.62109	56076.76726	56055.37109	505771.8	5409681.6
L5770.0	505771.8	5409681.8	9208.90039	363.20	0	48.840083	-86.921340	56082.04	56251	-0.98	56081.06	56104.28516	56077.91059	56056.60156	505771.8	5409681.8
L5770.0	505771.8	5409681.8	9209.00000	366.57	0	48.840083	-86.921340	56081.82	56251	-0.98	56080.84	56104.71094	56073.08987	56051.86719	505771.8	5409681.8
L5770.0	505771.8	5409682.2	9209.09961	367.21	0	48.840087	-86.921340	56082.03	56251	-0.98	56081.05	56105.56250	56078.85416	56057.71484	505771.8	5409682.2
L5770.0	505771.8	5409682.6	9209.20020	366.47	0	48.840090	-86.921340	56081.79	56251	-0.97	56080.82	56105.98047	56073.71933	56052.66016	505771.8	5409682.6
L5770.0	505771.8	5409682.9	9209.29981	365.59	0	48.840093	-86.921340	56081.90	56251	-0.97	56080.93	56106.73828	56076.95098	56055.97656	505771.8	5409682.9
L5770.0	505771.8	5409682.9	9209.40039	363.41	0	48.840093	-86.921340	56081.66	56251	-0.96	56080.70	56107.15234	56071.75729	56050.86328	505771.8	5409682.9
L5770.0	505771.8	5409683.2	9209.50000	362.60	0	48.840095	-86.921340	56081.71	56251	-0.96	56080.75	56107.85156	56073.45227	56052.64063	505771.8	5409683.2
L5770.0	505771.8	5409683.4	9209.59961	362.88	0	48.840097	-86.921340	56081.70	56251	-0.96	56080.74	56108.48828	56073.64090	56052.91016	505771.8	5409683.4
L5770.0	505771.8	5409683.4	9209.70020	362.47	0	48.840097	-86.921340	56081.92	56251	-0.95	56080.97	56109.36719	56079.73408	56059.08203	505771.8	5409683.4
L5770.0	505771.8	5409683.6	9209.79981	360.14	0	48.840099	-86.921340	56081.92	56250.9	-0.95	56080.97	56110.01563	56080.12608	56059.55469	505771.8	5409683.6
L5770.1	505771.2	5410050.8	16067.70020	427.95	0	48.843403	-86.921343	56739.25	56239.5	10.51	56749.76	56751.70703	56386.94972	56432.55859	505771.2	5410050.8
L5770.1	505771.2	5410050.7	16067.79981	430.14	0	48.843401	-86.921343	56739.50	56239.5	10.51	56750.00	56751.86719	56397.32130	56441.46875	505771.2	5410050.7
L5770.1	505771.2	5410050.7	16067.90039	430.27	0	48.843401	-86.921343	56739.91	56239.5	10.51	56750.42	56752.20703	56412.39413	56455.08594	505771.2	5410050.7
L5770.1	505771.2	5410050.6	16068.00000	430.42	0	48.843400	-86.921343	56740.16	56239.5	10.51	56750.67	56752.37500	56421.94586	56463.17969	505771.2	5410050.6
L5770.1	505771.2	5410050.6	16068.09961	431.23	0	48.843400	-86.921343	56740.37	56239.5	10.51	56750.88	56752.50391	56429.75368	56469.53125	505771.2	5410050.6
L5770.1	505771.2	5410050.4	16068.20020	430.88	0	48.843399	-86.921343	56740.47	56239.5	10.51	56750.98	56752.52344	56433.76268	56472.08594	505771.2	5410050.4
L5770.1	505771.2	5410050.2	16068.29981	431.21	0	48.843397	-86.921343	56740.70	56239.5	10.51	56751.21	56752.67578	56440.95969	56477.83203	505771.2	5410050.2
L5770.1	505771.2	5410050.0	16068.40039	430.49	0	48.843395	-86.921343	56740.57	56239.5	10.51	56751.08	56752.46484	56437.04255	56472.46875	505771.2	5410050.0
L5770.1	505771.2	5410049.8	16068.50000	432.81	0	48.843393	-86.921343	56740.66	56239.5	10.50	56751.16	56752.46484	56438.62397	56472.60938	505771.2	5410049.8
L5770.1	505771.2	5410049.8	16068.59961	433.70	0	48.843393	-86.921343	56740.58	56239.5	10.50	56751.09	56752.31641	56435.19494	56467.74609	505771.2	5410049.8
L5770.1	505771.2	5410049.6	16068.70020	433.38	0	48.843392	-86.921343	56741.09	56239.5	10.50	56751.59	56752.73438	56447.74464	56478.86328	505771.2	5410049.6
L5770.1	505771.2	5410049.4	16068.79981	434.56	0	48.843390	-86.921342	56741.27	56239.5	10.50	56751.77	56752.83594	56450.30902	56480.00000	505771.2	5410049.4
L5770.1	505771.2	5410049.4	16068.90039	435.20	0	48.843390	-86.921342	56741.84	56239.5	10.50	56752.34	56753.32813	56463.58761	56491.86328	505771.2	5410049.4
L5770.1	505771.3	5410049.1	16069.00000	434.01	0	48.843388	-86.921342	56742.55	56239.5	10.50	56753.05	56753.95703	56480.28346	56507.15234	505771.3	5410049.1
L5770.1	505771.3	5410048.8	16069.09961	434.10	0	48.843384	-86.921341	56743.20	56239.5	10.50	56753.70	56754.53125	56494.55884	56520.02734	505771.3	5410048.8
L5770.1	505771.3	5410048.8	16069.20020	434.41	0	48.843384	-86.921341	56744.04	56239.5	10.50	56754.54	56755.29297	56513.70101	56537.77734	505771.3	5410048.8
L5770.1	505771.4	5410048.5	16069.29981	432.37	0	48.843382	-86.921340	56744.84	56239.5	10.50	56755.34	56756.01172	56530.99952	56553.69141	505771.4	5410048.5
L5770.1	505771.4	5410048.2	16069.40039	431.04	0	48.843379	-86.921340	56746.12	56239.5	10.50	56756.62	56757.21484	56561.61818	56582.93750	505771.4	5410048.2
L5770.1	505771.5	5410047.9	16069.50000	431.28	0	48.843376	-86.921339	56747.33	56239.5	10.50	56757.83	56758.34766	56589.51631	56609.47656	505771.5	5410047.9
L5770.1	505771.5	5410047.9	16069.59961	431.18	0	48.843376	-86.921339	56748.51	56239.5	10.50	56759.01	56759.45313	56615.86126	56634.47266	505771.5	5410047.9
L5770.1	505771.6	5410047.5	16069.70020	429.68	0	48.843373	-86.921337	56749.76	56239.5	10.50	56760.26	56760.62500	56643.57137	56660.84375	505771.6	5410047.5
L5770.1	505771.6	5410047.5	16069.79981	428.89	0	48.843373	-86.921337	56750.86	56239.5	10.50	56761.36	56761.64844	56666.23368	56682.17969	505771.6	5410047.5
L5770.1	505771.7	5410047.0	16069.90039	430.16	0	48.843368	-86.921336	56752.19	56239.5	10.50	56762.69	56762.90625	56694.93491	56709.56641	505771.7	5410047.0
L5770.1	505771.7	5410046.6	16070.00000	430.16	0	48.843365	-86.921335	56753.33	56239.5	10.50	56763.83	56763.96875	56717.43168	56730.76953	505771.7	5410046.6
L5770.1	505771.8	5410046.2	16070.00000	431.28	0	48.843361	-86.921335	56754.55	56239.5	10.50	56765.05	56765.11719	56741.60507	56753.65625	505771.8	5410046.2
L5770.1	505771.8	5410046.2	16070.20020	432.11	0	48.843361	-86.921335	56755.83	56239.5	10.50	56766.33	56766.32031	56766.87982	56777.65625	505771.8	5410046.2
L5770.1	505771.9	5410045.6	16070.29981	430.26	0	48.843356	-86.921334	56757.08	56239.5	10.50	56767.58	56767.50000	56790.64037	56800.16016	505771.9	5410045.6
L5770.1	505771.9	5410045.6	16070.40039	430.06	0	48.843356	-86.921334	56758.19	56239.5	10.50	56768.69	56768.53516	56809.68914	56817.96875	505771.9	5410045.6
L5770.1	505771.9	5410045.0	16070.50000	427.03	0	48.843350	-86.921333	56759.07	56239.5	10.50	56769.57	56769.34375	56821.41304	56828.47266	505771.9	5410045.0
L5770.1	505772.0	5410044.4	16070.59961	429.53	0	48.843345	-86.921332	56760.36	56239.5	10.50	56770.86	56770.56250	56844.49002	56850.33984	505772.0	5410044.4
L5770.1	505772.1	5410043.8	16070.70020	429.10	0	48.843339	-86.921331	56761.10	56239.5	10.50	56771.60	56771.23438	56850.93664	56855.59375	505772.1	5410043.8
L5770.1	505772.1	5410043.8	16070.79981	429.17	0	48.843339	-86.921331	56761.82	56239.5	10.50	56772.32	56771.88281	56856.22522	56859.70313	505772.1	5410043.8
L5770.1	505772.1	5410043.1	16070.90039	429.03	0	48.843333	-86.921330	56762.67	56239.5	10.50	56773.17	56772.66406	56864.74693	56867.07031	505772.1	5410043.1
L5770.1	505772.1	5410043.1	16071.00000	428.76	0	48.843333	-86.921330	56763.68	56239.5	10.50	56774.18	56773.60547	56877.39442	56878.58203	505772.1	5410043.1
L5770.1	505772.2	5410042.3	16071.09961	428.49	0	48.843326	-86.921329	56764.35	56239.5	10.50	56774.85	56774.20703	56879.60454	56879.66797	505772.2	5410042.3
L5770.1	505772.2	5410042.3	16071.20020	431.88	0	48.843326	-86.921329	56765.14	56239.5	10.51	56775.65	56774.94141	56885.10450	56884.06250	505772.2	5410042.3
L5770.1	505772.2	5410041.7	16071.29981	434.92	0	48.843321	-86.921329	56765.63	56239.5	10.51	56776.13	56775.35547	56880.79166	56878.66797	505772.2	5410041.7
L5770.1	505772.3	5410041.1	16071.40039	436.06	0	48.843315	-86.921328	56766.20	56239.5	10.51	56776.71	56775.86719	56878.93730	56875.75000	505772.3	5410041.1
L5770.1	505772.3	5410040.5	16071.50000	435.07	0	48.843310	-86.921327	56766.77	56239.5	10.51	56777.28	56776.37500	56876.35683	56872.12500	505772.3	5410040.5
L5770.1	505772.3	5410040.5	16071.59961	433.79	0	48.843310	-86.921327	56767.40	56239.5	10.52	56777.92	56776.94922	56875.40792	56870.15234	505772.3	5410040.5
L5770.1	505772.4	5410039.8	16071.70020	433.87	0	48.843303	-86.921327	56767.72	56239.5	10.52	56778.24	56777.20703	56864.74219	56858.47656	505772.4	5410039.8
L5770.1	505772.5	5410039.0	16071.79981	431.49	0	48.843296	-86.921326	56767.93	56239.5	10.52	56778.45	56777.35547	56850.51074	56843.25781	505772.5	5410039.0
L5770.1	505772.5	5410039.0	16071.90039	429.75	0	48.843296	-86.921326	56768.15	56239.5	10.53	56778.68	56777.52734	56836.53257	56828.31641	505772.5	5410039.0
L5770.1	505772.5	5410038.3	16072.00000	431.14	0	48.843290	-86.921325	56768.00	56239.5	10.53	56778.53	56777.31641	56811.17069	56802.01172	505772.5	5410038.3
L5770.1	505772.6	5410037.5	16072.09961	432.85	0	48.843283	-86.921324	56768.28	56239.5	10.53	56778.81	56777.53906	56798.07764	56787.99609	505772.6	5410037.5
L5770.1	505772.6	5410037.5	16072.20020	433.69	0	48.843283	-86.921324	56768.67	56239.5	10.53	56779.20	56777.87109	56787.95144	56776.96484	505772.6	5410037.5
L5770.1	505772.7	5410036.6	16072.29981	432.72	0	48.843275	-86.921323	56769.03	56239.5	10.53	56779.56	56778.17578	56776.74055	56764.87109	505772.7	5410036.6
L5770.1	505772.8	5410035.8	16072.40039	431.61	0	48.843267	-86.921322	56768.93	56239.5	10.53	56779.46	56778.01953	56751.93668	56739.21094	505772.8	5410035.8
L5770.1	505772.8	5410034.9	16072.50000	432.90	0	48.843260	-86.921321	56769.57	56239.5	10.53	56780.10	56778.60547	56748.56992	56735.00781	505772.8	5410034.9
L5770.1	505772.8	5410034.9	16072.59961	434.69	0	48.843260	-86.921321	56770.68	56239.5	10.53	56781.21	56779.66016	56758.79987	56744.41797	505772.8	5410034.9
L5770.1	505772.9	5410034.3	16072.70020	432.93	0	48.843254	-86.921320	56772.14	56239.5	10.53	56782.67	56781.07031	56779.16151	56763.98047	505772.9	5410034.3
L5770.1	505772.9	5410033.8	16072.79981	432.05	0	48.843249	-86.921320	56773.38	56239.5	10.53	56783.91	56782.25781	56793.06670	56777.11328	505772.9	5410033.8
L5770.1	505772.9	5410033.8	16072.90039	433.47	0	48.843249	-86.921320	56774.21	56239.5	10.53	56784.74	56783.03906	56795.01036	56778.30469	505772.9	5410033.8
L5770.1	505772.9	5410032.7	16073.00000	433.98	0	48.843240	-86.921319	56775.08	56239.5	10.53	56785.61	56783.85938	56798.15307	56780.71875	505772.9	5410032.7
L5770.1	505773.0	5410032.0	16073.09961	435.70	0	48.843233	-86.921319	56776.66	56239.5	10.53	56787.18	56785.38281	56821.78050	56803.63672	505773.0	5410032.0
L5770.1	505773.0	5410032.0	16073.20020	435.61	0	48.843233	-86.921319	56778.35	56239.5	10.53	56788.87	56787.02734	56849.01538	56830.17969	505773.0	5410032.0
L5770.1	505773.0	5410031.3	16073.29981	435.10	0	48.843227	-86.921319	56779.88	56239.5	10.52	56790.40	56788.51563	56871.73021	56852.22656	505773.0	5410031.3
L5770.1	505773.0	5410030.7	16073.40039	435.52	0	48.843221	-86.921318	56780.98	56239.5	10.52	56791.50	56789.57031	56882.08961	56861.94531	505773.0	5410030.7
L5770.1	505773.0	5410029.9	16073.50000	434.72	0	48.843214	-86.921318	56782.24	56239.5	10.52	56792.76	56790.78906	56897.33979	56876.57422	505773.0	5410029.9
L5770.1	505773.0	5410029.9	16073.59961	435.99	0	48.843214	-86.921318	56783.94	56239.5	10.52	56794.46	56792.44922	56925.68651	56904.31641	505773.0	5410029.9
L5770.1	505773.0	5410029.0	16073.70020	436.87	0	48.843206	-86.921319	56785.28	56239.5	10.52	56795.79	56793.74219	56943.54700	56921.59766	505773.0	5410029.0
L5770.1	505773.0	5410029.0	16073.79981	434.54	0	48.843206	-86.921319	56786.52	56239.5	10.51	56797.03	56794.94531	56959.12769	56936.61719	505773.0	5410029.0
L5770.1	505773.0	5410028.3	16073.90039	435.19	0	48.843200	-86.921319	56787.75	56239.5	10.51	56798.27	56796.14844	56975.09412	56952.04688	505773.0	5410028.3

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5770.1	505772.9	5410027.5	16074.00000	434.46	0	48.843193	-86.921320	56789.24	56239.5	10.51	56799.75	56797.59375	56998.48669	56974.92578	505772.9	5410027.5
L5770.1	505772.9	5410026.7	16074.09961	435.52	0	48.843185	-86.921321	56790.31	56239.5	10.51	56800.82	56798.62891	57010.38994	56986.33203	505772.9	5410026.7
L5770.1	505772.9	5410026.7	16074.20020	433.73	0	48.843185	-86.921321	56791.48	56239.5	10.51	56801.99	56799.76953	57025.71894	57001.18359	505772.9	5410026.7
L5770.1	505772.8	5410025.9	16074.29981	433.64	0	48.843178	-86.921321	56792.60	56239.5	10.51	56803.11	56800.85938	57040.14056	57015.14844	505772.8	5410025.9
L5770.1	505772.8	5410025.2	16074.40039	433.08	0	48.843172	-86.921322	56793.44	56239.5	10.51	56803.95	56801.67188	57046.98860	57021.56641	505772.8	5410025.2
L5770.1	505772.8	5410025.2	16074.50000	434.10	0	48.843172	-86.921322	56794.63	56239.5	10.51	56805.14	56802.83594	57064.67806	57038.83984	505772.8	5410025.2
L5770.1	505772.7	5410024.2	16074.59961	433.06	0	48.843163	-86.921323	56795.54	56239.5	10.52	56806.05	56803.71875	57074.87712	57048.64453	505772.7	5410024.2
L5770.1	505772.6	5410023.0	16074.70020	432.19	0	48.843152	-86.921324	56795.98	56239.5	10.52	56806.50	56804.14844	57072.37778	57045.76953	505772.6	5410023.0
L5770.1	505772.6	5410023.0	16074.79981	433.06	0	48.843152	-86.921324	56796.89	56239.5	10.52	56807.41	56805.03516	57084.05247	57057.08984	505772.6	5410023.0
L5770.1	505772.6	5410022.1	16074.90039	432.11	0	48.843144	-86.921325	56797.84	56239.5	10.52	56808.36	56805.96484	57097.69358	57070.39453	505772.6	5410022.1
L5770.1	505772.5	5410021.4	16075.00000	432.63	0	48.843138	-86.921325	56798.81	56239.5	10.52	56809.32	56806.90625	57112.46733	57084.85156	505772.5	5410021.4
L5770.1	505772.5	5410020.3	16075.09961	431.48	0	48.843128	-86.921326	56799.56	56239.5	10.52	56810.08	56807.65234	57122.29020	57094.37500	505772.5	5410020.3
L5770.1	505772.5	5410020.3	16075.20020	433.76	0	48.843128	-86.921326	56800.01	56239.5	10.52	56810.53	56808.08594	57123.99481	57095.80078	505772.5	5410020.3
L5770.1	505772.4	5410019.3	16075.29981	433.48	0	48.843119	-86.921327	56800.50	56239.5	10.52	56811.01	56808.55469	57127.53738	57099.07813	505772.4	5410019.3
L5770.1	505772.4	5410018.2	16075.40039	433.40	0	48.843109	-86.921327	56801.15	56239.5	10.52	56811.66	56809.19141	57137.04096	57108.33984	505772.4	5410018.2
L5770.1	505772.4	5410018.2	16075.50000	432.17	0	48.843109	-86.921327	56801.52	56239.5	10.51	56812.04	56809.56250	57139.71305	57110.78516	505772.4	5410018.2
L5770.1	505772.3	5410017.1	16075.59961	431.90	0	48.843099	-86.921328	56801.82	56239.5	10.51	56812.33	56809.84766	57140.84251	57111.70703	505772.3	5410017.1
L5770.1	505772.3	5410016.2	16075.70020	433.13	0	48.843091	-86.921329	56802.24	56239.5	10.51	56812.75	56810.26172	57146.88432	57117.55469	505772.3	5410016.2
L5770.1	505772.3	5410016.2	16075.79981	433.35	0	48.843091	-86.921329	56802.74	56239.5	10.51	56813.25	56810.75781	57156.41871	57126.91016	505772.3	5410016.2
L5770.1	505772.2	5410014.9	16075.90039	433.07	0	48.843079	-86.921329	56803.23	56239.5	10.51	56813.74	56811.24609	57166.85880	57137.19141	505772.2	5410014.9
L5770.1	505772.2	5410013.6	16076.00000	435.01	0	48.843068	-86.921330	56803.54	56239.5	10.51	56814.05	56811.55469	57173.28407	57143.47656	505772.2	5410013.6
L5770.1	505772.2	5410013.6	16076.09961	434.32	0	48.843068	-86.921330	56803.79	56239.5	10.51	56814.30	56811.80859	57179.23101	57149.29297	505772.2	5410013.6
L5770.1	505772.2	5410012.4	16076.20020	434.08	0	48.843057	-86.921330	56804.11	56239.5	10.51	56814.61	56812.12109	57188.23551	57158.18359	505772.2	5410012.4
L5770.1	505772.1	5410011.4	16076.29981	434.64	0	48.843048	-86.921331	56804.56	56239.5	10.50	56815.07	56812.58594	57202.95788	57172.80469	505772.1	5410011.4
L5770.1	505772.1	5410010.3	16076.40039	433.65	0	48.843039	-86.921331	56804.59	56239.5	10.50	56815.10	56812.62500	57206.51783	57176.28516	505772.1	5410010.3
L5770.1	505772.1	5410010.3	16076.50000	432.02	0	48.843039	-86.921331	56804.46	56239.5	10.50	56814.96	56812.49609	57206.53222	57176.23047	505772.1	5410010.3
L5770.1	505772.1	5410009.2	16076.59961	430.43	0	48.843028	-86.921331	56804.34	56239.5	10.50	56814.84	56812.38672	57208.57569	57178.21484	505772.1	5410009.2
L5770.1	505772.1	5410008.0	16076.70020	431.69	0	48.843017	-86.921332	56804.33	56239.5	10.50	56814.83	56812.39063	57215.30570	57184.90234	505772.1	5410008.0
L5770.1	505772.1	5410008.0	16076.79981	431.73	0	48.843017	-86.921332	56804.28	56239.5	10.49	56814.77	56812.34766	57222.08792	57191.65625	505772.1	5410008.0
L5770.1	505772.0	5410006.8	16076.90039	431.42	0	48.843007	-86.921332	56804.00	56239.5	10.49	56814.50	56812.09375	57224.28717	57193.83984	505772.0	5410006.8
L5770.1	505772.0	5410005.7	16077.00000	429.39	0	48.842997	-86.921332	56803.71	56239.5	10.49	56814.20	56811.81641	57227.18327	57196.73438	505772.0	5410005.7
L5770.1	505772.0	5410004.6	16077.09961	428.03	0	48.842987	-86.921333	56803.54	56239.5	10.49	56814.03	56811.66797	57235.47186	57205.02734	505772.0	5410004.6
L5770.1	505772.0	5410004.6	16077.20020	427.07	0	48.842987	-86.921333	56803.15	56239.5	10.49	56813.64	56811.30078	57238.97400	57208.55078	505772.0	5410004.6
L5770.1	505772.0	5410003.1	16077.29981	428.86	0	48.842973	-86.921333	56802.64	56239.5	10.49	56813.13	56810.81641	57240.63367	57210.23828	505772.0	5410003.1
L5770.1	505771.9	5410001.9	16077.40039	428.18	0	48.842963	-86.921334	56802.29	56239.5	10.49	56812.79	56810.50391	57248.93511	57218.58594	505771.9	5410001.9
L5770.1	505771.9	5410000.9	16077.50000	430.97	0	48.842954	-86.921334	56801.74	56239.5	10.49	56812.23	56809.97656	57252.52999	57222.23438	505771.9	5410000.9
L5770.1	505771.9	5410000.9	16077.59961	429.42	0	48.842954	-86.921334	56801.01	56239.5	10.50	56811.51	56809.28906	57253.19284	57222.95703	505771.9	5410000.9
L5770.1	505771.9	5409999.6	16077.70020	428.80	0	48.842942	-86.921334	56800.14	56239.5	10.50	56810.64	56808.45313	57251.23898	57221.07422	505771.9	5409999.6
L5770.1	505771.9	5409998.8	16077.79981	429.54	0	48.842934	-86.921335	56799.21	56239.5	10.50	56809.71	56807.55859	57249.31582	57219.23438	505771.9	5409998.8
L5770.1	505771.9	5409998.8	16077.90039	430.89	0	48.842934	-86.921335	56798.28	56239.5	10.50	56808.78	56806.66797	57249.19480	57219.20313	505771.9	5409998.8
L5770.1	505771.8	5409997.5	16078.00000	430.29	0	48.842923	-86.921335	56797.41	56239.5	10.50	56807.91	56805.83984	57252.64631	57222.75781	505771.8	5409997.5
L5770.1	505771.8	5409996.4	16078.09961	430.33	0	48.842913	-86.921335	56796.28	56239.5	10.50	56806.78	56804.75391	57250.35726	57220.57422	505771.8	5409996.4
L5770.1	505771.8	5409996.4	16078.20020	429.21	0	48.842913	-86.921335	56795.27	56239.5	10.50	56805.76	56803.77734	57253.13670	57223.46875	505771.8	5409996.4
L5770.1	505771.8	5409995.3	16078.29981	428.83	0	48.842903	-86.921335	56794.01	56239.5	10.50	56804.51	56802.57422	57251.08604	57221.54297	505771.8	5409995.3
L5770.1	505771.8	5409994.0	16078.40039	427.85	0	48.842891	-86.921336	56792.74	56239.5	10.50	56803.24	56801.35547	57250.34581	57220.93359	505771.8	5409994.0
L5770.1	505771.8	5409992.6	16078.50000	428.24	0	48.842879	-86.921336	56791.38	56239.5	10.50	56801.88	56800.04688	57248.88942	57219.61328	505771.8	5409992.6
L5770.1	505771.8	5409992.6	16078.59961	427.50	0	48.842879	-86.921336	56790.09	56239.5	10.49	56800.58	56798.79688	57251.10524	57221.97266	505771.8	5409992.6
L5770.1	505771.7	5409990.9	16078.70020	427.68	0	48.842864	-86.921336	56788.58	56239.5	10.49	56799.07	56797.34375	57249.13150	57220.14844	505771.7	5409990.9
L5770.1	505771.7	5409990.9	16078.79981	429.90	0	48.842864	-86.921336	56787.16	56239.5	10.49	56797.66	56795.99219	57252.02042	57223.19141	505771.7	5409990.9
L5770.1	505771.7	5409989.6	16078.90039	428.58	0	48.842852	-86.921337	56785.53	56239.5	10.49	56796.02	56794.41016	57250.15798	57221.49219	505771.7	5409989.6
L5770.1	505771.7	5409988.4	16079.00000	429.19	0	48.842841	-86.921337	56783.92	56239.5	10.49	56794.41	56792.86328	57251.13576	57222.63672	505771.7	5409988.4
L5770.1	505771.7	5409988.4	16079.09961	429.32	0	48.842841	-86.921337	56782.11	56239.5	10.49	56792.60	56791.11719	57248.25368	57219.92188	505771.7	5409988.4
L5770.1	505771.7	5409987.1	16079.20020	429.53	0	48.842830	-86.921337	56780.23	56239.5	10.49	56790.72	56789.30469	57245.30951	57217.15234	505771.7	5409987.1
L5770.1	505771.7	5409986.0	16079.29981	430.63	0	48.842820	-86.921337	56778.31	56239.5	10.49	56788.80	56787.45313	57243.18333	57215.20703	505771.7	5409986.0
L5770.1	505771.7	5409984.8	16079.40039	430.61	0	48.842809	-86.921337	56776.18	56239.5	10.49	56786.67	56785.39063	57236.92114	57209.12500	505771.7	5409984.8
L5770.1	505771.7	5409984.8	16079.50000	431.87	0	48.842809	-86.921337	56774.11	56239.5	10.49	56784.60	56783.39453	57234.39987	57206.79297	505771.7	5409984.8
L5770.1	505771.6	5409983.1	16079.59961	433.87	0	48.842793	-86.921338	56772.09	56239.5	10.49	56782.58	56781.44531	57235.32922	57207.91016	505771.6	5409983.1
L5770.1	505771.6	5409982.0	16079.70020	430.47	0	48.842783	-86.921338	56769.93	56239.5	10.49	56780.42	56779.36328	57234.16806	57206.94141	505771.6	5409982.0
L5770.1	505771.6	5409982.0	16079.79981	430.31	0	48.842783	-86.921338	56767.52	56239.5	10.49	56778.01	56777.03125	57227.70708	57200.67578	505771.6	5409982.0
L5770.1	505771.6	5409980.4	16079.90039	428.16	0	48.842769	-86.921338	56765.09	56239.5	10.49	56775.58	56774.67969	57222.65148	57195.81641	505771.6	5409980.4
L5770.1	505771.6	5409979.7	16080.00000	427.19	0	48.842763	-86.921338	56762.93	56239.5	10.49	56773.42	56772.60156	57227.45500	57200.82031	505771.6	5409979.7
L5770.1	505771.6	5409978.3	16080.09961	425.19	0	48.842751	-86.921338	56760.33	56239.5	10.49	56770.82	56770.08594	57221.40594	57194.97266	505771.6	5409978.3
L5770.1	505771.6	5409978.3	16080.20020	424.46	0	48.842751	-86.921338	56757.75	56239.5	10.49	56768.24	56767.58984	57217.91332	57191.68359	505771.6	5409978.3
L5770.1	505771.6	5409976.8	16080.29981	425.61	0	48.842737	-86.921339	56755.07	56239.5	10.49	56765.56	56764.99609	57213.46965	57187.44922	505771.6	5409976.8
L5770.1	505771.6	5409975.4	16080.40039	426.43	0	48.842724	-86.921339	56752.37	56239.5	10.49	56762.86	56762.38672	57210.39895	57184.58594	505771.6	5409975.4
L5770.1	505771.6	5409975.4	16080.50000	427.29	0	48.842724	-86.921339	56749.59	56239.5	10.49	56760.08	56759.69531	57206.94095	57181.33594	505771.6	5409975.4
L5770.1	505771.6	5409974.1	16080.59961	425.65	0	48.842712	-86.921339	56746.69	56239.5	10.49	56757.18	56756.89063	57201.91735	57176.52344	505771.6	5409974.1
L5770.1	505771.5	5409972.7	16080.70020	425.66	0	48.842700	-86.921339	56743.89	56239.5	10.49	56754.38	56754.18359	57201.73119	57176.55078	505771.5	5409972.7
L5770.1	505771.5	5409971.8	16080.79981	424.42	0	48.842691	-86.921339	56740.83	56239.5	10.49	56751.32	56751.21875	57195.86903	57170.90234	505771.5	5409971.8
L5770.1	505771.5	5409971.8	16080.90039	425.15	0	48.842691	-86.921339	56737.64	56239.5	10.49	56748.13	56748.12891	57188.10656	57163.35938	505771.5	5409971.8
L5770.1	505771.5	5409970.4	16081.00000	426.40	0	48.842679	-86.921340	56734.60	56239.5	10.49	56745.09	56745.18750	57186.59274	57162.05859	505771.5	5409970.4
L5770.1	505771.5	5409969.0	16081.09961	425.77	0	48.842667	-86.921340	56731.23	56239.5	10.49	56741.72	56741.91797	57177.31054	57152.99609	505771.5	5409969.0
L5770.1	505771.5	5409969.0	16081.20020	426.18	0	48.842667	-86.921340	56728.02	56239.5	10.49	56738.50	56738.80078	57174.23920	57150.14453	505771.5	5409969.0
L5770.1	505771.5	5409967.1	16081.29981	429.78	0	48.842649	-86.921340	56724.76	56239.5	10.48	56735.24	56735.64453	57171.81670	57147.94141	505771.5	5409967.1
L5770.1	505771.5	5409967.1	16081.40039	430.43	0	48.842649	-86.921340	56721.03	56239.5	10.48	56731.51	56732.01953	57157.48038	57133.82813	505771.5	5409967.1
L5770.1	505771.5	5409965.8	16081.50000	431.77	0	48.842638	-86.921340	56717.63	56239.5	10.48	56728.11	56728.72656	57154.53817	57131.10547	505771.5	5409965.8
L5770.1	505771.5	5409964.4	16081.59961	432.50	0	48.842625	-86.921339	56713.85	56239.5	10.48	56724.33	56725.05469	57142.25896	57119.04688	505771.5	5409964.4
L5770.1	505771.5	5409963.2	16081.70020	430.97	0	48.842614	-86.921339	56710.22	56239.5	10.48	56720.70	56721.53516	57136.07388	57113.08594	505771.5	5409963.2
L5770.1	505771.5	5409963.2	16081.79981	429.15	0	48.842614	-86.921339	56706.53	56239.5	10.47	56717.01	56717.95703	57129.83142	57107.07031	505771.5	5409963.2
L5770.1	505771.6	5409961.7	16081.90039	429.88	0	48.842601	-86.921339	56702.77	56239.5	10.47	56713.25	56714.30859	57123.21167	57100.67578	505771.6	5409961.7
L5770.1	505771.6	5409961.7	16082.00000	428.21	0	48.842601	-86.921339	56698.83	56239.5	10.47	56709.30	56710.47266	57112.68549	57090.37500	505771.6	5409961.7
L5770.1	505771.6	5409958.9	16082.09961	428.58	0	48.842576	-86.921339	56695.07	56239.5	10.47	56705.54	56706.82813	57109.30461	57087.21875	505771.6	5409958.9
L5770.1	505771.6	5409958.9	16082.20020	430.43	0	48.842576	-86.921339	56690.83	56239.5	10.47	56701.30	56702.70313	57093.49731	57071.64063	505771.6	5409958.9
L5770.1	505771.6	5409957.5	16082.29981	430.77	0	48.842563	-86.921338	56686.81	56239.5	10.47	56697.28	56698.80078	57085.64557	57064.01563	505771.6	5409957.5
L5770.1	505771.6	5409956.0	16082.40039	428.89	0	48.842550	-86.921338	56682.66	56239.5	10.47	56693.13	56694.76953	57075.50791	57054.10547	505771.6	5409956.0
L5770.1	505771.6	5409956.0	16082.50000	429.77	0	48.842550	-86.921338	56678.42	56239.5	10.47	56688.89	56690.64844	57064.21581	57043.04297	505771.6	5409956.0
L5770.1	505771.6	5409954.8	16082.59961	427.72	0	48.842538	-86.921338	56674.20	56239.5	10.47	56684.67	56686.54688	57054.94115	57033.99609	505771.6	5409954.8
L5770.1	505771.6	5409954.8	16082.70020	426.76	0	48.842538	-86.921338	56669.98	56239.5	10.47	56680.45	56682.44922	57047.06343	57026.34766	505771.6	5409954.8
L5770.1	505771.6	5409953.0	16082.79981	425.75	0	48.842523	-86.921338	56665.49	56239.5	10.47	56675.96	56678.08203	57032.67013	57012.18359	505771.6	5409953.0
L5770.1	505771.7	5409951.8	16082.90039	424.99	0	48.842512	-86.921338	56660.85	56239.5	10.47	56671.32	56673.56641	57015.22173	56994.96875	505771.7	5409951.8
L5770.1	505771.7	5409951.8	16083.00000	425.62	0	48.842512	-86.921338	56656.58	56239.5	10.47	56667.05	56669.41797	57009.84342	56989.82031	505771.7	5409951.8
L5770.1	505771.7	5409950.0	16083.09961	427.15	0	48.842496	-86.921338	56651.89	56239.5	10.47	56662.36	56664.85156	56993.45445	56973.66016	505771.7	5409950.0
L5770.1	505771.7	5409948.6	16083.20020	427.56	0	48.842483	-86.921338	56647.33	56239.5	10.47	56657.80	56660.41797	56982.05312	56962.48828	505771.7	5409948.6

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5770.1	505771.7	5409948.6	16083.29981	425.55	0	48.842483	-86.921338	56642.60	56239.5	10.47	56653.07	56655.81250	56966.84734	56947.51563	505771.7	5409948.6
L5770.1	505771.7	5409947.2	16083.40039	424.49	0	48.842470	-86.921338	56637.81	56239.5	10.47	56648.28	56651.14844	56951.00150	56931.90234	505771.7	5409947.2
L5770.1	505771.7	5409947.2	16083.50000	426.58	0	48.842470	-86.921338	56633.00	56239.5	10.47	56643.47	56646.46484	56935.63771	56916.76953	505771.7	5409947.2
L5770.1	505771.7	5409945.7	16083.59961	425.34	0	48.842457	-86.921338	56628.21	56239.5	10.47	56638.68	56641.80469	56921.87731	56903.24219	505771.7	5409945.7
L5770.1	505771.7	5409944.0	16083.70020	426.48	0	48.842442	-86.921337	56623.18	56239.5	10.47	56633.65	56636.90234	56902.09171	56883.68750	505771.7	5409944.0
L5770.1	505771.7	5409944.0	16083.79981	426.31	0	48.842442	-86.921337	56618.43	56239.5	10.47	56628.90	56632.27734	56891.39963	56873.22656	505771.7	5409944.0
L5770.1	505771.7	5409942.3	16083.90039	426.59	0	48.842426	-86.921337	56613.31	56239.5	10.47	56623.78	56627.28516	56870.79714	56852.85938	505771.7	5409942.3
L5770.1	505771.7	5409940.9	16084.00000	425.52	0	48.842414	-86.921337	56608.30	56239.5	10.47	56618.77	56622.40625	56854.23517	56836.52734	505771.7	5409940.9
L5770.1	505771.7	5409939.2	16084.09961	424.63	0	48.842399	-86.921337	56603.22	56239.5	10.47	56613.69	56617.45313	56836.41576	56818.93750	505771.7	5409939.2
L5770.1	505771.7	5409939.2	16084.20020	427.62	0	48.842399	-86.921337	56598.19	56239.5	10.47	56608.66	56612.55078	56820.78969	56803.54297	505771.7	5409939.2
L5770.1	505771.8	5409937.9	16084.29981	427.12	0	48.842387	-86.921337	56593.09	56239.5	10.47	56603.56	56607.57813	56803.80786	56786.79297	505771.8	5409937.9
L5770.1	505771.8	5409936.5	16084.40039	425.81	0	48.842374	-86.921336	56588.11	56239.5	10.47	56598.58	56602.72656	56790.96163	56774.17969	505771.8	5409936.5
L5770.1	505771.8	5409935.2	16084.50000	427.95	0	48.842363	-86.921336	56582.81	56239.5	10.47	56593.27	56597.54688	56769.07695	56752.52344	505771.8	5409935.2
L5770.1	505771.8	5409935.2	16084.59961	429.12	0	48.842363	-86.921336	56577.52	56239.5	10.46	56587.99	56592.39453	56748.60236	56732.28125	505771.8	5409935.2
L5770.1	505771.8	5409933.9	16084.70020	430.27	0	48.842351	-86.921336	56572.29	56239.5	10.46	56582.76	56587.29297	56730.07031	56713.97656	505771.8	5409933.9
L5770.1	505771.8	5409933.9	16084.79981	429.25	0	48.842351	-86.921336	56567.06	56239.5	10.46	56577.52	56582.17969	56711.67989	56695.81641	505771.8	5409933.9
L5770.1	505771.8	5409932.6	16084.90039	429.24	0	48.842339	-86.921336	56561.70	56239.5	10.46	56572.16	56576.94531	56690.17178	56674.53906	505771.8	5409932.6
L5770.1	505771.8	5409930.8	16085.00000	428.45	0	48.842323	-86.921336	56556.44	56239.5	10.46	56566.90	56571.81250	56671.91067	56656.50391	505771.8	5409930.8
L5770.1	505771.9	5409929.6	16085.09961	428.60	0	48.842312	-86.921336	56551.09	56239.5	10.46	56561.55	56566.58984	56651.30388	56636.12109	505771.9	5409929.6
L5770.1	505771.9	5409929.6	16085.20020	429.17	0	48.842312	-86.921336	56545.68	56239.5	10.46	56556.14	56561.30469	56629.17478	56614.21875	505771.9	5409929.6
L5770.1	505771.9	5409928.1	16085.29981	428.50	0	48.842299	-86.921335	56540.21	56239.5	10.47	56550.68	56555.96875	56605.76347	56591.03516	505771.9	5409928.1
L5770.1	505771.9	5409926.4	16085.40039	426.80	0	48.842283	-86.921335	56534.98	56239.5	10.47	56545.45	56550.86328	56589.18440	56574.67969	505771.9	5409926.4
L5770.1	505771.9	5409926.4	16085.50000	426.10	0	48.842283	-86.921335	56529.57	56239.5	10.47	56540.04	56545.57813	56567.42890	56553.14453	505771.9	5409926.4
L5770.1	505771.9	5409924.8	16085.59961	424.57	0	48.842269	-86.921335	56524.24	56239.5	10.47	56534.71	56540.37109	56548.02840	56533.96484	505771.9	5409924.8
L5770.1	505771.9	5409923.8	16085.70020	424.58	0	48.842260	-86.921335	56518.75	56239.5	10.47	56529.22	56535.00000	56523.93248	56510.08984	505771.9	5409923.8
L5770.1	505772.0	5409922.2	16085.79981	423.71	0	48.842245	-86.921334	56513.29	56239.5	10.48	56523.76	56529.66406	56500.63154	56487.00781	505772.0	5409922.2
L5770.1	505772.0	5409922.2	16085.90039	422.66	0	48.842245	-86.921334	56508.00	56239.5	10.48	56518.48	56524.50391	56482.44972	56469.04297	505772.0	5409922.2
L5770.1	505772.0	5409920.3	16086.00000	424.37	0	48.842228	-86.921334	56502.77	56239.5	10.48	56513.25	56519.39063	56465.54558	56452.35156	505772.0	5409920.3
L5770.1	505772.0	5409919.6	16086.09961	425.83	0	48.842222	-86.921334	56497.21	56239.5	10.48	56507.68	56513.93750	56438.49538	56425.51563	505772.0	5409919.6
L5770.1	505772.0	5409918.3	16086.20020	426.13	0	48.842211	-86.921334	56491.90	56239.5	10.47	56502.37	56508.74609	56418.74834	56405.97656	505772.0	5409918.3
L5770.1	505772.0	5409918.3	16086.29981	427.22	0	48.842211	-86.921334	56486.70	56239.5	10.47	56497.17	56503.66016	56401.88106	56389.32031	505772.0	5409918.3
L5770.1	505772.0	5409916.9	16086.40039	423.01	0	48.842198	-86.921333	56481.31	56239.5	10.47	56491.78	56498.38281	56379.09612	56366.73828	505772.0	5409916.9
L5770.1	505772.1	5409915.5	16086.50000	421.60	0	48.842185	-86.921333	56476.00	56239.5	10.46	56486.47	56493.18750	56358.22019	56346.06641	505772.1	5409915.5
L5770.1	505772.1	5409915.5	16086.59961	429.07	0	48.842185	-86.921333	56470.92	56239.5	10.46	56481.38	56488.20703	56343.28928	56331.33203	505772.1	5409915.5
L5770.1	505772.1	5409913.9	16086.70020	430.13	0	48.842171	-86.921333	56465.59	56239.5	10.46	56476.04	56482.97656	56320.54998	56308.79297	505772.1	5409913.9
L5770.1	505772.1	5409912.9	16086.79981	430.38	0	48.842162	-86.921332	56460.36	56239.5	10.46	56470.81	56477.85547	56300.45582	56288.89453	505772.1	5409912.9
L5770.1	505772.1	5409912.9	16086.90039	433.64	0	48.842162	-86.921332	56455.10	56239.5	10.45	56465.55	56472.69922	56278.87905	56267.50781	505772.1	5409912.9
L5770.1	505772.1	5409911.1	16087.00000	434.44	0	48.842146	-86.921332	56450.07	56239.6	10.45	56460.52	56467.77734	56263.35839	56252.17188	505772.1	5409911.1
L5770.1	505772.1	5409909.8	16087.09961	434.97	0	48.842134	-86.921332	56444.92	56239.6	10.45	56455.37	56462.73047	56243.64331	56232.64063	505772.1	5409909.8
L5770.1	505772.1	5409908.2	16087.20020	435.54	0	48.842120	-86.921332	56439.79	56239.6	10.45	56450.23	56457.69141	56223.48298	56212.66016	505772.1	5409908.2
L5770.1	505772.1	5409908.2	16087.29981	434.30	0	48.842120	-86.921332	56434.81	56239.6	10.44	56445.26	56452.82031	56207.50241	56196.85938	505772.1	5409908.2
L5770.1	505772.2	5409906.5	16087.40039	434.84	0	48.842104	-86.921332	56429.84	56239.6	10.44	56440.28	56447.93750	56190.41181	56179.94141	505772.2	5409906.5
L5770.1	505772.2	5409905.2	16087.50000	431.70	0	48.842092	-86.921332	56424.75	56239.6	10.44	56435.19	56442.94141	56169.25552	56158.95313	505772.2	5409905.2
L5770.1	505772.2	5409905.2	16087.59961	432.79	0	48.842092	-86.921332	56419.75	56239.6	10.44	56430.19	56438.03516	56149.82819	56139.68750	505772.2	5409905.2
L5770.1	505772.2	5409903.1	16087.70020	432.58	0	48.842074	-86.921331	56414.95	56239.6	10.44	56425.39	56433.32813	56135.30077	56125.32422	505772.2	5409903.1
L5770.1	505772.2	5409901.6	16087.79981	431.79	0	48.842061	-86.921331	56410.18	56239.6	10.43	56420.62	56428.64844	56120.67937	56110.85938	505772.2	5409901.6
L5770.1	505772.2	5409901.6	16087.90039	429.44	0	48.842061	-86.921331	56405.38	56239.6	10.43	56415.82	56423.93750	56104.17933	56094.51172	505772.2	5409901.6
L5770.1	505772.2	5409900.3	16088.00000	429.67	0	48.842049	-86.921331	56400.74	56239.6	10.43	56411.17	56419.37109	56091.01652	56081.50000	505772.2	5409900.3
L5770.1	505772.2	5409898.8	16088.09961	429.02	0	48.842035	-86.921331	56396.20	56239.6	10.43	56406.63	56414.91406	56079.99194	56070.61719	505772.2	5409898.8
L5770.1	505772.2	5409897.2	16088.20020	428.80	0	48.842021	-86.921331	56391.61	56239.6	10.43	56402.04	56410.40625	56066.40811	56057.17578	505772.2	5409897.2
L5770.1	505772.2	5409895.8	16088.29981	428.56	0	48.842008	-86.921331	56387.06	56239.6	10.43	56397.50	56405.94531	56053.15145	56044.05469	505772.2	5409895.8
L5770.1	505772.2	5409895.8	16088.40039	430.49	0	48.842008	-86.921331	56382.46	56239.6	10.43	56392.90	56401.42188	56036.98524	56028.02344	505772.2	5409895.8
L5770.1	505772.2	5409894.5	16088.50000	428.38	0	48.841996	-86.921331	56378.16	56239.6	10.43	56388.59	56397.18750	56028.08949	56019.25391	505772.2	5409894.5
L5770.1	505772.2	5409893.1	16088.59961	428.50	0	48.841984	-86.921331	56373.94	56239.6	10.44	56384.38	56393.05078	56020.89693	56012.18750	505772.2	5409893.1
L5770.1	505772.2	5409893.1	16088.70020	430.00	0	48.841984	-86.921331	56369.56	56239.6	10.44	56379.99	56388.73047	56007.21684	55998.62500	505772.2	5409893.1
L5770.1	505772.2	5409891.5	16088.79981	428.26	0	48.841970	-86.921331	56365.39	56239.6	10.44	56375.83	56384.63672	55998.98306	55990.51172	505772.2	5409891.5
L5770.1	505772.3	5409889.9	16088.90039	428.47	0	48.841955	-86.921331	56361.13	56239.6	10.44	56371.57	56380.44531	55986.54934	55978.18750	505772.3	5409889.9
L5770.1	505772.3	5409889.9	16089.00000	430.42	0	48.841955	-86.921331	56357.28	56239.6	10.44	56367.72	56376.65625	55984.76866	55976.51563	505772.3	5409889.9
L5770.1	505772.3	5409888.5	16089.09961	430.18	0	48.841943	-86.921330	56353.02	56239.6	10.44	56363.46	56372.45703	55969.70705	55961.55859	505772.3	5409888.5
L5770.1	505772.3	5409887.0	16089.20020	431.81	0	48.841929	-86.921330	56349.32	56239.6	10.44	56359.75	56368.80469	55969.34408	55961.29688	505772.3	5409887.0
L5770.1	505772.3	5409887.0	16089.29981	428.56	0	48.841929	-86.921330	56345.36	56239.6	10.43	56355.80	56364.91016	55960.62345	55952.67188	505772.3	5409887.0
L5770.1	505772.3	5409885.1	16089.40039	428.78	0	48.841912	-86.921330	56341.71	56239.6	10.43	56352.14	56361.30469	55958.98688	55951.12891	505772.3	5409885.1
L5770.1	505772.3	5409883.5	16089.50000	428.00	0	48.841898	-86.921330	56337.81	56239.6	10.43	56348.24	56357.45703	55948.96349	55941.19531	505772.3	5409883.5
L5770.1	505772.3	5409883.5	16089.59961	429.01	0	48.841898	-86.921330	56334.26	56239.6	10.43	56344.69	56353.95313	55947.74758	55940.06250	505772.3	5409883.5
L5770.1	505772.3	5409881.7	16089.70020	423.71	0	48.841881	-86.921330	56330.66	56239.6	10.43	56341.09	56350.40234	55943.66233	55936.05859	505772.3	5409881.7
L5770.1	505772.3	5409880.1	16089.79981	424.82	0	48.841867	-86.921330	56327.12	56239.6	10.42	56337.54	56346.89453	55939.61432	55932.08984	505772.3	5409880.1
L5770.1	505772.3	5409880.1	16089.90039	428.81	0	48.841867	-86.921330	56323.52	56239.6	10.42	56333.94	56343.33594	55932.67867	55925.23047	505772.3	5409880.1
L5770.1	505772.3	5409877.7	16090.00000	428.35	0	48.841845	-86.921330	56319.96	56239.6	10.42	56330.38	56339.81641	55925.47298	55918.09375	505772.3	5409877.7
L5770.1	505772.3	5409877.7	16090.09961	430.54	0	48.841845	-86.921330	56316.64	56239.6	10.42	56327.06	56336.53125	55923.82424	55916.51172	505772.3	5409877.7
L5770.1	505772.3	5409876.8	16090.20020	432.42	0	48.841837	-86.921330	56313.41	56239.6	10.42	56323.83	56333.33594	55923.35330	55916.10547	505772.3	5409876.8
L5770.1	505772.3	5409875.6	16090.29981	433.12	0	48.841826	-86.921330	56310.09	56239.6	10.42	56320.51	56330.04688	55918.80735	55911.62109	505772.3	5409875.6
L5770.1	505772.3	5409874.0	16090.40039	431.71	0	48.841812	-86.921330	56306.95	56239.6	10.42	56317.36	56326.92578	55917.76707	55910.63672	505772.3	5409874.0
L5770.1	505772.3	5409874.0	16090.50000	430.43	0	48.841812	-86.921330	56303.84	56239.6	10.42	56314.25	56323.83984	55916.44036	55909.36328	505772.3	5409874.0
L5770.1	505772.3	5409872.4	16090.59961	429.07	0	48.841797	-86.921331	56300.86	56239.6	10.41	56311.27	56320.88672	55917.45245	55910.42578	505772.3	5409872.4
L5770.1	505772.3	5409870.9	16090.70020	428.79	0	48.841784	-86.921331	56297.86	56239.6	10.41	56308.28	56317.91797	55916.72202	55909.74219	505772.3	5409870.9
L5770.1	505772.3	5409870.9	16090.79981	429.39	0	48.841784	-86.921331	56295.01	56239.6	10.41	56305.42	56315.07422	55918.33488	55911.40234	505772.3	5409870.9
L5770.1	505772.3	5409869.3	16090.90039	427.50	0	48.841770	-86.921331	56292.20	56239.6	10.41	56302.61	56312.28125	55919.96184	55913.07031	505772.3	5409869.3
L5770.1	505772.3	5409868.1	16091.00000	426.97	0	48.841759	-86.921331	56289.50	56239.6	10.41	56299.91	56309.59766	55923.35782	55916.50391	505772.3	5409868.1
L5770.1	505772.3	5409866.9	16091.09961	427.77	0	48.841748	-86.921331	56286.58	56239.6	10.41	56296.99	56306.68750	55918.90483	55912.08594	505772.3	5409866.9
L5770.1	505772.3	5409866.9	16091.20020	427.31	0	48.841748	-86.921331	56284.08	56239.6	10.41	56294.49	56304.19922	55925.27508	55918.48828	505772.3	5409866.9
L5770.1	505772.3	5409863.7	16091.29981	427.23	0	48.841719	-86.921331	56281.28	56239.6	10.41	56291.69	56301.40625	55921.47862	55914.72266	505772.3	5409863.7
L5770.1	505772.3	5409863.7	16091.40039	426.81	0	48.841719	-86.921331	56278.77	56239.6	10.41	56289.18	56298.89844	55924.73149	55918.00391	505772.3	5409863.7
L5770.1	505772.2	5409861.5	16091.50000	428.84	0	48.841700	-86.921331	56276.31	56239.6	10.40	56286.71	56296.43359	55927.75279	55921.05078	505772.2	5409861.5
L5770.1	505772.2	5409861.5	16091.59961	427.24	0	48.841700	-86.921331	56273.75	56239.6	10.40	56284.16	56293.88281	55927.05387	55920.37109	505772.2	5409861.5
L5770.1	505772.2	5409860.1	16091.70020	427.93	0	48.841687	-86.921331	56271.24	56239.6	10.40	56281.64	56291.35938	55925.85470	55919.19141	505772.2	5409860.1
L5770.1	505772.3	5409858.6	16091.79981	428.03	0	48.841674	-86.921331	56268.86	56239.6	10.40	56279.26	56288.97656	55927.37611	55920.73047	505772.3	5409858.6
L5770.1	505772.3	5409857.3	16091.90039	427.38	0	48.841661	-86.921331	56266.63	56239.6	10.40	56277.03	56286.74219	55931.92328	55925.29688	505772.3	5409857.3
L5770.1	505772.3	5409857.3	16092.00000	428.21	0	48.841661	-86.921331	56264.51	56239.6	10.40	56274.91	56284.61328	55938.34397	55931.72656	505772.3	5409857.3
L5770.1	505772.3	5409855.7	16092.09961	428.85	0	48.841647	-86.921331	56262.27	56239.6	10.40	56272.67	56282.35938	55939.94545	55933.33984	505772.3	5409855.7
L5770.1	505772.3	5409853.8	16092.20020	429.96	0	48.841630	-86.921331	56259.96	56239.6	10.40	56270.37	56280.04688	55938.49329	55931.89844	505772.3	5409853.8
L5770.1	505772.3	5409853.8	16092.29981	429.34	0	48.841630	-86.921331	56257.88	56239.6	10.41	56268.28	56277.94531	55941.87813	55935.28906	505772.3	5409853.8
L5770.1	505772.3	5409852.1	16092.40039	427.22	0	48.841615	-86.921331	56255.79	56239.6	10.41	56266.19	56275.83594	55943.99247	55937.41016	505772.3	5409852.1
L5770.1	505772.3	5409850.4	16092.50000	427.01	0	48.841600	-86.921331	56253.82	56239.6	10.41	56264.23	56273.85938	55948.64514	55942.06641	505772.3	5409850.4

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5770.1	505772.3	5409850.4	16092.59961	426.72	0	48.841600	-86.921331	56251.90	56239.6	10.41	56262.31	56271.91797	55953.22939	55946.64844	505772.3	5409850.4
L5770.1	505772.3	5409848.6	16092.70020	426.88	0	48.841583	-86.921331	56249.76	56239.6	10.41	56260.17	56269.75391	55950.18104	55943.60156	505772.3	5409848.6
L5770.1	505772.3	5409847.2	16092.79981	426.75	0	48.841570	-86.921331	56247.82	56239.6	10.42	56258.24	56267.80078	55952.05960	55945.48047	505772.3	5409847.2
L5770.1	505772.3	5409845.7	16092.90039	427.75	0	48.841557	-86.921331	56245.88	56239.6	10.42	56256.30	56265.83203	55952.46830	55945.88672	505772.3	5409845.7
L5770.1	505772.3	5409845.7	16093.00000	425.44	0	48.841557	-86.921331	56244.17	56239.6	10.42	56254.59	56264.09375	55958.42619	55951.83984	505772.3	5409845.7
L5770.1	505772.3	5409843.9	16093.09961	425.29	0	48.841541	-86.921331	56242.34	56239.6	10.42	56252.76	56262.23438	55959.74584	55953.15234	505772.3	5409843.9
L5770.1	505772.3	5409843.9	16093.20020	425.39	0	48.841541	-86.921331	56240.44	56239.6	10.42	56250.86	56260.30469	55957.90573	55951.30859	505772.3	5409843.9
L5770.1	505772.3	5409842.7	16093.29981	425.77	0	48.841530	-86.921331	56238.71	56239.6	10.41	56249.13	56258.53906	55959.92577	55953.32031	505772.3	5409842.7
L5770.1	505772.3	5409841.4	16093.40039	426.96	0	48.841519	-86.921331	56236.98	56239.6	10.41	56247.39	56256.76563	55960.57712	55953.96484	505772.3	5409841.4
L5770.1	505772.3	5409841.4	16093.50000	427.52	0	48.841519	-86.921331	56235.36	56239.6	10.41	56245.77	56255.10938	55963.67201	55957.05078	505772.3	5409841.4
L5770.1	505772.3	5409839.9	16093.59961	428.57	0	48.841505	-86.921331	56233.74	56239.6	10.41	56244.15	56253.44922	55965.73174	55959.09766	505772.3	5409839.9
L5770.1	505772.3	5409838.0	16093.70020	428.85	0	48.841489	-86.921331	56232.20	56239.6	10.41	56242.61	56251.87109	55969.11055	55962.46875	505772.3	5409838.0
L5770.1	505772.3	5409836.3	16093.79981	429.16	0	48.841473	-86.921331	56230.68	56239.6	10.40	56241.08	56250.30078	55971.78810	55965.13281	505772.3	5409836.3
L5770.1	505772.3	5409836.3	16093.90039	427.83	0	48.841473	-86.921331	56229.09	56239.6	10.40	56239.49	56248.66797	55971.74408	55965.07813	505772.3	5409836.3
L5770.1	505772.3	5409834.5	16094.00000	428.87	0	48.841456	-86.921331	56227.35	56239.6	10.40	56237.75	56246.88281	55966.37490	55959.69531	505772.3	5409834.5
L5770.1	505772.3	5409832.7	16094.09961	428.44	0	48.841440	-86.921331	56226.08	56239.6	10.40	56236.48	56245.56641	55973.78342	55967.09375	505772.3	5409832.7
L5770.1	505772.3	5409832.7	16094.20020	427.85	0	48.841440	-86.921331	56224.53	56239.6	10.40	56234.93	56243.97266	55972.11763	55965.41406	505772.3	5409832.7
L5770.1	505772.3	5409830.3	16094.29981	428.06	0	48.841419	-86.921331	56223.09	56239.6	10.40	56233.49	56242.48047	55972.77247	55966.05469	505772.3	5409830.3
L5770.1	505772.3	5409830.3	16094.40039	428.68	0	48.841419	-86.921331	56221.57	56239.6	10.40	56231.97	56240.91406	55970.22761	55963.49609	505772.3	5409830.3
L5770.1	505772.3	5409829.2	16094.50000	427.21	0	48.841409	-86.921331	56220.34	56239.6	10.40	56230.74	56239.63281	55975.29443	55968.55078	505772.3	5409829.2
L5770.1	505772.3	5409827.5	16094.59961	426.15	0	48.841393	-86.921331	56219.11	56239.6	10.40	56229.51	56238.34766	55979.53584	55972.77734	505772.3	5409827.5
L5770.1	505772.3	5409827.5	16094.70020	428.72	0	48.841393	-86.921331	56217.74	56239.6	10.40	56228.14	56236.92578	55978.88913	55972.11719	505772.3	5409827.5
L5770.1	505772.3	5409825.9	16094.79981	428.57	0	48.841379	-86.921331	56216.37	56239.6	10.40	56226.77	56235.50000	55977.45735	55970.67188	505772.3	5409825.9
L5770.1	505772.3	5409824.2	16094.90039	426.68	0	48.841364	-86.921331	56215.21	56239.6	10.40	56225.61	56234.28125	55981.38476	55974.58594	505772.3	5409824.2
L5770.1	505772.3	5409823.0	16095.00000	428.49	0	48.841354	-86.921331	56213.89	56239.6	10.40	56224.29	56232.90625	55979.90018	55973.08984	505772.3	5409823.0
L5770.1	505772.3	5409823.0	16095.09961	429.18	0	48.841354	-86.921331	56212.66	56239.6	10.40	56223.06	56231.61719	55980.31388	55973.48828	505772.3	5409823.0
L5770.1	505772.3	5409821.6	16095.20020	428.65	0	48.841341	-86.921331	56211.50	56239.6	10.40	56221.91	56230.40625	55982.35318	55975.51563	505772.3	5409821.6
L5770.1	505772.3	5409819.9	16095.29981	429.92	0	48.841326	-86.921331	56210.32	56239.6	10.40	56220.73	56229.16406	55982.82862	55975.98047	505772.3	5409819.9
L5770.1	505772.3	5409819.9	16095.40039	431.18	0	48.841326	-86.921331	56209.14	56239.6	10.40	56219.55	56227.91797	55982.63342	55975.77344	505772.3	5409819.9
L5770.1	505772.3	5409818.3	16095.50000	429.38	0	48.841311	-86.921331	56207.85	56239.6	10.41	56218.25	56226.55469	55978.28582	55971.41406	505772.3	5409818.3
L5770.1	505772.3	5409816.8	16095.59961	429.70	0	48.841297	-86.921331	56206.94	56239.6	10.41	56217.35	56225.58594	55984.96872	55978.08594	505772.3	5409816.8
L5770.1	505772.3	5409816.8	16095.70020	431.30	0	48.841297	-86.921331	56205.96	56239.6	10.41	56216.37	56224.53906	55988.70055	55981.80859	505772.3	5409816.8
L5770.1	505772.3	5409815.0	16095.79981	430.91	0	48.841282	-86.921331	56204.89	56239.6	10.41	56215.30	56223.39844	55989.20647	55982.30469	505772.3	5409815.0
L5770.1	505772.3	5409813.4	16095.90039	432.64	0	48.841267	-86.921331	56203.76	56239.6	10.41	56214.17	56222.19531	55987.37785	55980.46875	505772.3	5409813.4
L5770.1	505772.3	5409811.9	16096.00000	432.49	0	48.841254	-86.921331	56202.70	56239.6	10.41	56213.11	56221.06250	55987.02203	55980.10547	505772.3	5409811.9
L5770.1	505772.3	5409810.7	16096.09961	431.57	0	48.841243	-86.921331	56201.57	56239.6	10.41	56211.98	56219.85938	55984.07168	55977.14453	505772.3	5409810.7
L5770.1	505772.3	5409810.7	16096.20020	432.08	0	48.841243	-86.921331	56200.53	56239.6	10.41	56210.94	56218.74219	55983.20826	55976.27734	505772.3	5409810.7
L5770.1	505772.3	5409808.9	16096.29981	432.65	0	48.841226	-86.921331	56199.56	56239.6	10.41	56209.97	56217.69141	55983.86332	55976.92578	505772.3	5409808.9
L5770.1	505772.3	5409807.6	16096.40039	432.15	0	48.841214	-86.921331	56198.72	56239.6	10.41	56209.13	56216.76953	55987.80109	55980.85938	505772.3	5409807.6
L5770.1	505772.3	5409807.6	16096.50000	432.06	0	48.841214	-86.921331	56197.75	56239.6	10.40	56208.15	56215.70703	55987.16126	55980.21484	505772.3	5409807.6
L5770.1	505772.4	5409805.6	16096.59961	431.01	0	48.841196	-86.921330	56196.71	56239.6	10.40	56207.11	56214.58203	55984.29054	55977.33984	505772.4	5409805.6
L5770.1	505772.4	5409805.6	16096.70020	429.31	0	48.841196	-86.921330	56195.73	56239.6	10.40	56206.13	56213.51563	55982.70180	55975.75000	505772.4	5409805.6
L5770.1	505772.4	5409802.5	16096.79981	426.97	0	48.841169	-86.921330	56194.82	56239.6	10.40	56205.22	56212.51563	55982.69942	55975.74609	505772.4	5409802.5
L5770.1	505772.4	5409802.5	16096.90039	427.46	0	48.841169	-86.921330	56194.08	56239.6	10.40	56204.48	56211.68359	55987.21221	55980.25781	505772.4	5409802.5
L5770.1	505772.4	5409800.4	16097.00000	428.36	0	48.841150	-86.921330	56193.26	56239.6	10.40	56203.66	56210.76953	55988.96107	55982.00781	505772.4	5409800.4
L5770.1	505772.4	5409800.4	16097.09961	427.22	0	48.841150	-86.921330	56192.39	56239.6	10.40	56202.79	56209.80469	55988.83252	55981.88281	505772.4	5409800.4
L5770.1	505772.4	5409799.0	16097.20020	426.64	0	48.841137	-86.921330	56191.68	56239.6	10.40	56202.07	56208.98438	55992.67055	55985.72266	505772.4	5409799.0
L5770.1	505772.4	5409797.8	16097.29981	427.51	0	48.841127	-86.921330	56190.79	56239.6	10.40	56201.18	56207.99219	55991.15344	55984.20703	505772.4	5409797.8
L5770.1	505772.4	5409797.8	16097.40039	429.44	0	48.841127	-86.921330	56189.91	56239.6	10.40	56200.30	56207.00781	55989.54117	55982.60156	505772.4	5409797.8
L5770.1	505772.4	5409795.7	16097.50000	428.10	0	48.841108	-86.921330	56188.98	56239.6	10.39	56199.38	56205.98047	55986.38560	55979.44922	505772.4	5409795.7
L5770.1	505772.4	5409793.8	16097.59961	426.65	0	48.841090	-86.921330	56188.35	56239.6	10.39	56198.74	56205.23047	55991.02893	55984.10156	505772.4	5409793.8
L5770.1	505772.4	5409793.8	16097.70020	429.05	0	48.841090	-86.921330	56187.60	56239.6	10.39	56197.99	56204.36719	55992.10653	55985.18359	505772.4	5409793.8
L5770.1	505772.4	5409792.7	16097.79981	430.20	0	48.841080	-86.921330	56186.86	56239.6	10.39	56197.25	56203.50781	55993.12710	55986.21484	505772.4	5409792.7
L5770.1	505772.4	5409791.2	16097.90039	428.74	0	48.841067	-86.921330	56186.06	56239.6	10.39	56196.45	56202.58984	55992.05784	55985.15625	505772.4	5409791.2
L5770.1	505772.4	5409791.2	16098.00000	428.16	0	48.841067	-86.921330	56185.44	56239.6	10.39	56195.83	56201.84375	55995.90651	55989.01563	505772.4	5409791.2
L5770.1	505772.4	5409789.0	16098.09961	427.45	0	48.841047	-86.921330	56184.54	56239.6	10.39	56194.93	56200.81641	55991.26568	55984.38281	505772.4	5409789.0
L5770.1	505772.4	5409787.3	16098.20020	428.05	0	48.841032	-86.921330	56183.79	56239.6	10.39	56194.17	56199.92578	55990.39202	55983.52344	505772.4	5409787.3
L5770.1	505772.4	5409787.3	16098.29981	427.79	0	48.841032	-86.921330	56183.15	56239.6	10.39	56193.54	56199.16016	55993.00138	55986.14453	505772.4	5409787.3
L5770.1	505772.4	5409785.8	16098.40039	428.98	0	48.841019	-86.921330	56182.34	56239.6	10.39	56192.73	56198.21094	55990.06008	55983.21875	505772.4	5409785.8
L5770.1	505772.4	5409785.8	16098.50000	429.12	0	48.841019	-86.921330	56181.78	56239.6	10.39	56192.16	56197.50000	55993.82396	55986.99609	505772.4	5409785.8
L5770.1	505772.4	5409784.4	16098.59961	426.84	0	48.841006	-86.921330	56181.00	56239.6	10.38	56191.39	56196.58203	55991.46749	55984.65625	505772.4	5409784.4
L5770.1	505772.4	5409782.8	16098.70020	429.23	0	48.840991	-86.921330	56180.44	56239.6	10.38	56190.82	56195.85938	55994.66275	55987.86719	505772.4	5409782.8
L5770.1	505772.4	5409781.3	16098.79981	429.20	0	48.840978	-86.921330	56179.78	56239.6	10.38	56190.16	56195.04688	55994.95833	55988.17969	505772.4	5409781.3
L5770.1	505772.4	5409781.3	16098.90039	429.61	0	48.840978	-86.921330	56179.05	56239.6	10.38	56189.43	56194.15625	55992.94349	55986.18359	505772.4	5409781.3
L5770.1	505772.4	5409779.6	16099.00000	428.74	0	48.840962	-86.921330	56178.32	56239.6	10.38	56188.70	56193.25781	55990.66546	55983.92578	505772.4	5409779.6
L5770.1	505772.5	5409777.9	16099.09961	426.45	0	48.840948	-86.921329	56177.79	56239.6	10.38	56188.17	56192.55859	55993.96262	55987.24219	505772.5	5409777.9
L5770.1	505772.5	5409777.9	16099.20020	427.40	0	48.840948	-86.921329	56177.23	56239.6	10.38	56187.61	56191.82422	55996.13258	55989.42969	505772.5	5409777.9
L5770.1	505772.5	5409776.0	16099.29981	426.26	0	48.840931	-86.921329	56176.57	56239.6	10.38	56186.95	56190.98438	55995.13901	55988.45703	505772.5	5409776.0
L5770.1	505772.5	5409774.2	16099.40039	427.29	0	48.840914	-86.921329	56176.06	56239.6	10.38	56186.44	56190.28906	55998.27795	55991.61719	505772.5	5409774.2
L5770.1	505772.5	5409773.0	16099.50000	428.77	0	48.840903	-86.921329	56175.41	56239.6	10.38	56185.79	56189.44531	55997.09662	55990.45703	505772.5	5409773.0
L5770.1	505772.5	5409773.0	16099.59961	430.25	0	48.840903	-86.921329	56174.88	56239.6	10.38	56185.26	56188.72266	55999.18235	55992.56250	505772.5	5409773.0
L5770.1	505772.5	5409771.0	16099.70020	431.14	0	48.840886	-86.921329	56174.17	56239.6	10.38	56184.55	56187.80859	55995.79043	55989.19141	505772.5	5409771.0
L5770.1	505772.5	5409769.4	16099.79981	430.14	0	48.840871	-86.921329	56173.66	56239.6	10.38	56184.04	56187.08984	55998.00759	55991.42969	505772.5	5409769.4
L5770.1	505772.5	5409769.4	16099.90039	430.46	0	48.840871	-86.921329	56173.08	56239.6	10.38	56183.46	56186.29688	55997.96374	55991.40625	505772.5	5409769.4
L5770.1	505772.5	5409767.7	16100.00000	430.69	0	48.840856	-86.921329	56172.53	56239.6	10.38	56182.91	56185.52734	55998.57940	55992.04297	505772.5	5409767.7
L5770.1	505772.5	5409767.7	16100.09961	429.59	0	48.840856	-86.921329	56172.00	56239.6	10.38	56182.38	56184.77344	55999.56691	55993.05078	505772.5	5409767.7
L5770.1	505772.5	5409766.3	16100.20020	429.09	0	48.840843	-86.921329	56171.46	56239.6	10.38	56181.84	56184.00000	56000.05518	55993.55859	505772.5	5409766.3
L5770.1	505772.5	5409764.5	16100.29981	429.34	0	48.840827	-86.921329	56170.86	56239.6	10.38	56181.24	56183.16016	55998.58976	55992.11328	505772.5	5409764.5
L5770.1	505772.5	5409762.7	16100.40039	429.56	0	48.840811	-86.921329	56170.38	56239.6	10.38	56180.75	56182.42578	56000.13217	55993.67578	505772.5	5409762.7
L5770.1	505772.5	5409762.7	16100.50000	428.20	0	48.840811	-86.921329	56169.98	56239.6	10.38	56180.36	56181.78516	56004.39428	55997.95313	505772.5	5409762.7
L5770.1	505772.6	5409761.2	16100.59961	427.94	0	48.840798	-86.921328	56169.37	56239.6	10.38	56179.75	56180.91797	56002.04700	55995.62500	505772.6	5409761.2
L5770.1	505772.6	5409761.2	16100.70020	427.62	0	48.840798	-86.921328	56168.91	56239.6	10.38	56179.29	56180.19141	56003.88436	55997.47656	505772.6	5409761.2
L5770.1	505772.6	5409759.8	16100.79981	427.09	0	48.840785	-86.921328	56168.20	56239.6	10.38	56178.58	56179.21094	55998.24393	55991.85156	505772.6	5409759.8
L5770.1	505772.6	5409758.2	16100.90039	426.22	0	48.840770	-86.921328	56167.82	56239.6	10.38	56178.20	56178.55078	56002.04402	55995.66406	505772.6	5409758.2
L5770.1	505772.6	5409756.6	16101.00000	425.17	0	48.840756	-86.921328	56167.32	56239.6	10.38	56177.70	56177.76563	56002.16380	55995.79688	505772.6	5409756.6
L5770.1	505772.6	5409755.2	16101.09961	426.58	0	48.840744	-86.921328	56166.98	56239.6	10.38	56177.36	56177.13281	56006.77214	56000.41406	505772.6	5409755.2
L5770.1	505772.6	5409753.8	16101.20020	425.72	0	48.840731	-86.921328	56166.41	56239.6	10.38	56176.79	56176.26172	56004.49788	55998.14453	505772.6	5409753.8
L5770.1	505772.6	5409753.8	16101.29981	426.65	0	48.840731	-86.921328	56165.90	56239.6	10.38	56176.28	56175.44141	56003.80135	55997.45313	505772.6	5409753.8
L5770.1	505772.6	5409752.0	16101.40039	426.84	0	48.840714	-86.921328	56165.34	56239.6	10.38	56175.72	56174.56641	56001.47715	55995.13281	505772.6	5409752.0
L5770.1	505772.6	5409752.0	16101.50000	426.86	0	48.840714	-86.921328	56164.96	56239.6	10.38	56175.34	56173.86328	56004.23558	55997.89063	505772.6	5409752.0
L5770.1	505772.6	5409750.3	16101.59961	428.74	0	48.840699	-86.921328	56164.56	56239.6	10.38	56174.94	56173.13281	56006.24627	55999.89844	505772.6	5409750.3
L5770.1	505772.6	5409750.3	16101.70020	427.62	0	48.840699	-86.921328	56164.10	56239.6	10.38	56174.48	56172.33594	56006.34502	55999.98828	505772.6	5409750.3
L5770.1	505772.6	5409747.5	16101.79981	428.33	0	48.840674	-86.921327	56163.70	56239.6	10.38	56174.08	56171.58984	56008.03379	56001.66797	505772.6	5409747.5

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5770.1	505772.6	5409747.5	16101.90039	428.11	0	48.840674	-86.921327	56163.27	56239.6	10.38	56173.65	56170.80469	56008.68997	56002.30859	505772.6	5409747.5
L5770.1	505772.7	5409746.0	16102.00000	427.72	0	48.840660	-86.921327	56162.86	56239.6	10.38	56173.24	56170.03516	56009.77384	56003.37109	505772.7	5409746.0
L5770.1	505772.7	5409744.5	16102.09961	428.19	0	48.840647	-86.921327	56162.31	56239.6	10.38	56172.68	56169.10547	56006.32946	55999.90234	505772.7	5409744.5
L5770.1	505772.7	5409744.5	16102.20020	429.04	0	48.840647	-86.921327	56161.98	56239.6	10.38	56172.36	56168.40625	56009.73269	56003.27734	505772.7	5409744.5
L5770.1	505772.7	5409742.8	16102.29981	427.94	0	48.840632	-86.921327	56161.67	56239.6	10.38	56172.05	56167.71094	56013.27754	56006.78906	505772.7	5409742.8
L5770.1	505772.7	5409741.2	16102.40039	426.41	0	48.840618	-86.921327	56161.35	56239.6	10.38	56171.73	56167.00000	56016.38238	56009.85156	505772.7	5409741.2
L5770.1	505772.7	5409739.6	16102.50000	427.34	0	48.840603	-86.921327	56161.04	56239.6	10.38	56171.42	56166.28906	56019.63202	56013.05469	505772.7	5409739.6
L5770.1	505772.7	5409739.6	16102.59961	427.36	0	48.840603	-86.921327	56160.77	56239.6	10.38	56171.15	56165.60938	56023.90281	56017.27344	505772.7	5409739.6
L5770.1	505772.7	5409738.0	16102.70020	427.38	0	48.840588	-86.921327	56160.34	56239.6	10.38	56170.72	56164.76172	56023.36324	56016.67578	505772.7	5409738.0
L5770.1	505772.7	5409738.0	16102.79981	426.82	0	48.840588	-86.921327	56159.88	56239.6	10.38	56170.26	56163.87500	56021.80584	56015.05078	505772.7	5409738.0
L5770.1	505772.7	5409736.1	16102.90039	425.37	0	48.840572	-86.921327	56159.40	56239.6	10.38	56169.78	56162.96094	56019.52333	56012.69531	505772.7	5409736.1
L5770.1	505772.7	5409735.0	16103.00000	424.74	0	48.840561	-86.921327	56159.02	56239.6	10.38	56169.40	56162.14063	56020.01637	56013.10547	505772.7	5409735.0
L5770.1	505772.7	5409733.9	16103.09961	423.56	0	48.840552	-86.921327	56158.85	56239.6	10.38	56169.23	56161.51953	56026.49385	56019.49219	505772.7	5409733.9
L5770.1	505772.7	5409733.9	16103.20020	424.47	0	48.840552	-86.921327	56158.61	56239.6	10.38	56168.99	56160.82422	56030.79054	56023.68750	505772.7	5409733.9
L5770.1	505772.7	5409732.5	16103.29981	424.93	0	48.840539	-86.921327	56158.26	56239.6	10.38	56168.64	56160.00781	56031.74048	56024.53125	505772.7	5409732.5
L5770.1	505772.7	5409730.6	16103.40039	424.72	0	48.840522	-86.921327	56157.96	56239.6	10.38	56168.33	56159.22656	56033.71878	56026.39063	505772.7	5409730.6
L5770.1	505772.7	5409728.9	16103.50000	424.98	0	48.840507	-86.921327	56157.66	56239.6	10.38	56168.03	56158.44531	56035.85088	56028.39063	505772.7	5409728.9
L5770.1	505772.7	5409727.3	16103.59961	424.75	0	48.840492	-86.921327	56157.18	56239.6	10.37	56167.55	56157.47656	56032.59584	56024.99609	505772.7	5409727.3
L5770.1	505772.7	5409727.3	16103.70020	423.83	0	48.840492	-86.921327	56156.74	56239.6	10.37	56167.11	56156.53906	56030.36990	56022.61719	505772.7	5409727.3
L5770.1	505772.7	5409726.1	16103.79981	424.24	0	48.840482	-86.921327	56156.34	56239.6	10.37	56166.71	56155.63672	56029.17308	56021.25781	505772.7	5409726.1
L5770.1	505772.7	5409726.1	16103.90039	427.01	0	48.840482	-86.921327	56156.03	56239.6	10.37	56166.40	56154.81250	56030.46347	56022.37500	505772.7	5409726.1
L5770.1	505772.7	5409724.5	16104.00000	429.05	0	48.840467	-86.921328	56155.84	56239.6	10.37	56166.21	56154.10547	56035.11580	56026.83984	505772.7	5409724.5
L5770.1	505772.6	5409722.8	16104.09961	430.60	0	48.840452	-86.921328	56155.48	56239.6	10.37	56165.85	56153.21875	56034.67216	56026.19141	505772.6	5409722.8
L5770.1	505772.6	5409721.3	16104.20020	430.96	0	48.840438	-86.921328	56155.24	56239.6	10.37	56165.61	56152.44531	56037.58971	56028.89453	505772.6	5409721.3
L5770.1	505772.7	5409719.9	16104.29981	429.75	0	48.840425	-86.921328	56155.10	56239.6	10.37	56165.47	56151.76172	56043.28466	56034.35938	505772.7	5409719.9
L5770.1	505772.7	5409719.9	16104.40039	429.11	0	48.840425	-86.921328	56154.67	56239.6	10.37	56165.04	56150.78516	56040.38240	56031.21094	505772.7	5409719.9
L5770.1	505772.6	5409718.4	16104.50000	429.42	0	48.840412	-86.921328	56154.36	56239.6	10.37	56164.73	56149.91797	56040.83949	56031.41016	505772.6	5409718.4
L5770.1	505772.6	5409717.1	16104.59961	428.85	0	48.840401	-86.921328	56153.98	56239.6	10.37	56164.35	56148.97656	56039.11398	56029.40625	505772.6	5409717.1
L5770.1	505772.6	5409717.1	16104.70020	429.14	0	48.840401	-86.921328	56153.70	56239.6	10.37	56164.07	56148.12500	56040.16290	56030.16016	505772.6	5409717.1
L5770.1	505772.6	5409715.4	16104.79981	429.68	0	48.840386	-86.921328	56153.61	56239.6	10.37	56163.98	56147.46094	56046.61010	56036.29688	505772.6	5409715.4
L5770.1	505772.6	5409714.0	16104.90039	428.85	0	48.840373	-86.921328	56153.38	56239.6	10.37	56163.75	56146.64844	56048.83041	56038.18750	505772.6	5409714.0
L5770.1	505772.6	5409714.0	16105.00000	429.73	0	48.840373	-86.921328	56153.20	56239.6	10.37	56163.57	56145.87891	56052.36398	56041.37500	505772.6	5409714.0
L5770.1	505772.6	5409712.1	16105.09961	428.76	0	48.840356	-86.921328	56152.80	56239.6	10.37	56163.17	56144.88281	56049.33539	56037.97656	505772.6	5409712.1
L5770.1	505772.6	5409710.9	16105.20020	428.82	0	48.840345	-86.921328	56152.46	56239.6	10.37	56162.83	56143.94531	56047.90949	56036.16406	505772.6	5409710.9
L5770.1	505772.6	5409709.4	16105.29981	428.19	0	48.840331	-86.921329	56152.04	56239.6	10.37	56162.41	56142.91797	56044.00213	56031.84766	505772.6	5409709.4
L5770.1	505772.6	5409709.4	16105.40039	428.44	0	48.840331	-86.921329	56151.91	56239.6	10.37	56162.28	56142.17578	56048.40286	56035.82031	505772.6	5409709.4
L5770.1	505772.6	5409708.3	16105.50000	428.41	0	48.840321	-86.921329	56151.71	56239.6	10.37	56162.08	56141.35547	56050.61144	56037.57422	505772.6	5409708.3
L5770.1	505772.6	5409706.4	16105.59961	429.29	0	48.840305	-86.921329	56151.78	56239.6	10.37	56162.15	56140.80469	56060.54249	56047.03125	505772.6	5409706.4
L5770.1	505772.6	5409706.4	16105.70020	428.65	0	48.840305	-86.921329	56151.43	56239.6	10.37	56161.80	56139.82422	56058.07162	56044.06250	505772.6	5409706.4
L5770.1	505772.6	5409704.9	16105.79981	429.28	0	48.840291	-86.921329	56151.20	56239.6	10.37	56161.57	56138.96094	56058.94633	56044.41406	505772.6	5409704.9
L5770.1	505772.6	5409703.2	16105.90039	427.93	0	48.840275	-86.921329	56150.82	56239.6	10.37	56161.19	56137.94141	56055.29123	56040.21484	505772.6	5409703.2
L5770.1	505772.6	5409703.2	16106.00000	427.78	0	48.840275	-86.921329	56150.72	56239.6	10.37	56161.09	56137.19922	56059.64586	56043.99609	505772.6	5409703.2
L5770.1	505772.5	5409702.0	16106.09961	429.48	0	48.840264	-86.921329	56150.35	56239.6	10.37	56160.72	56136.18359	56055.96899	56039.71875	505772.5	5409702.0
L5770.1	505772.5	5409702.0	16106.20020	426.51	0	48.840264	-86.921329	56150.19	56239.6	10.37	56160.56	56135.37109	56058.25853	56041.38281	505772.5	5409702.0
L5770.1	505772.5	5409700.5	16106.29981	427.09	0	48.840252	-86.921330	56150.04	56239.6	10.38	56160.42	56134.57422	56060.97250	56043.44141	505772.5	5409700.5
L5770.1	505772.5	5409699.3	16106.40039	428.72	0	48.840240	-86.921330	56149.88	56239.6	10.38	56160.26	56133.75781	56062.94364	56044.73438	505772.5	5409699.3
L5770.1	505772.5	5409698.1	16106.50000	427.87	0	48.840229	-86.921330	56149.59	56239.6	10.38	56159.97	56132.80469	56060.96335	56042.03906	505772.5	5409698.1
L5770.1	505772.5	5409698.1	16106.59961	428.00	0	48.840229	-86.921330	56149.36	56239.6	10.38	56159.74	56131.91016	56060.57237	56040.91016	505772.5	5409698.1
L5770.1	505772.5	5409696.8	16106.70020	430.49	0	48.840218	-86.921330	56149.18	56239.6	10.38	56159.56	56131.05859	56061.47877	56041.04297	505772.5	5409696.8
L5770.1	505772.5	5409695.9	16106.79981	431.80	0	48.840210	-86.921330	56149.04	56239.6	10.39	56159.43	56130.25781	56063.68241	56042.44531	505772.5	5409695.9
L5770.1	505772.5	5409694.5	16106.90039	431.35	0	48.840197	-86.921331	56148.95	56239.6	10.39	56159.34	56129.49609	56066.89170	56044.82031	505772.5	5409694.5
L5770.1	505772.5	5409694.5	16107.00000	429.76	0	48.840197	-86.921331	56148.77	56239.6	10.39	56159.16	56128.63672	56067.31553	56044.37500	505772.5	5409694.5
L5770.1	505772.4	5409692.1	16107.09961	427.77	0	48.840176	-86.921331	56148.70	56239.6	10.39	56159.09	56127.89063	56070.78713	56046.94531	505772.4	5409692.1
L5770.1	505772.4	5409692.1	16107.20020	426.67	0	48.840176	-86.921331	56148.44	56239.6	10.38	56158.82	56126.94141	56068.26625	56043.48828	505772.4	5409692.1
L5770.1	505772.4	5409690.5	16107.29981	426.80	0	48.840162	-86.921331	56148.19	56239.6	10.38	56158.57	56126.00781	56066.16985	56040.42188	505772.4	5409690.5
L5770.1	505772.4	5409689.4	16107.40039	426.93	0	48.840151	-86.921331	56148.05	56239.6	10.38	56158.42	56125.17578	56066.83212	56040.07813	505772.4	5409689.4
L5770.1	505772.4	5409689.4	16107.50000	424.37	0	48.840151	-86.921331	56147.91	56239.6	10.38	56158.29	56124.35938	56067.92127	56040.12500	505772.4	5409689.4
L5770.1	505772.4	5409688.0	16107.59961	423.51	0	48.840139	-86.921332	56147.76	56239.6	10.37	56158.13	56123.51563	56067.98064	56039.10547	505772.4	5409688.0
L5770.1	505772.4	5409687.0	16107.70020	424.23	0	48.840129	-86.921332	56147.71	56239.6	10.37	56158.08	56122.78125	56071.09505	56041.10156	505772.4	5409687.0
L5770.1	505772.4	5409687.0	16107.79981	425.05	0	48.840129	-86.921332	56147.59	56239.6	10.37	56157.96	56121.97266	56072.01705	56040.86719	505772.4	5409687.0
L5770.1	505772.3	5409685.5	16107.90039	425.12	0	48.840116	-86.921333	56147.36	56239.6	10.36	56157.72	56121.04688	56069.29083	56036.94922	505772.3	5409685.5
L5770.1	505772.3	5409684.2	16108.00000	426.89	0	48.840105	-86.921333	56147.06	56239.6	10.36	56157.42	56120.06250	56064.66888	56031.08984	505772.3	5409684.2
L5770.1	505772.3	5409683.5	16108.09961	425.79	0	48.840098	-86.921334	56146.92	56239.6	10.36	56157.28	56119.23828	56064.57028	56029.71875	505772.3	5409683.5
L5770.1	505772.3	5409683.5	16108.20020	426.58	0	48.840098	-86.921334	56146.91	56239.6	10.36	56157.26	56118.53125	56067.83171	56031.66406	505772.3	5409683.5
L5770.1	505772.2	5409681.8	16108.29981	427.91	0	48.840083	-86.921334	56146.75	56239.6	10.36	56157.11	56117.69922	56067.16571	56029.64063	505772.2	5409681.8
L5770.1	505772.2	5409681.8	16108.40039	427.15	0	48.840083	-86.921334	56146.74	56239.6	10.36	56157.10	56117.00781	56070.45044	56031.52344	505772.2	5409681.8
L5770.1	505772.2	5409680.6	16108.50000	427.39	0	48.840072	-86.921335	56146.55	56239.6	10.35	56156.91	56116.13672	56068.35759	56027.98828	505772.2	5409680.6
L5770.1	505772.2	5409679.5	16108.59961	427.94	0	48.840063	-86.921335	56146.40	56239.6	10.35	56156.75	56115.29688	56067.01609	56025.16016	505772.2	5409679.5
L5770.1	505772.2	5409679.5	16108.70020	429.08	0	48.840063	-86.921335	56146.20	56239.6	10.35	56156.55	56114.42188	56064.38927	56021.00391	505772.2	5409679.5
L5770.1	505772.1	5409678.7	16108.79981	427.89	0	48.840055	-86.921335	56146.04	56239.6	10.35	56156.39	56113.58594	56062.81538	56017.85547	505772.1	5409678.7
L5770.1	505772.1	5409676.4	16108.90039	427.48	0	48.840035	-86.921335	56145.84	56239.6	10.35	56156.19	56112.71484	56059.96671	56013.39063	505772.1	5409676.4
L5770.1	505772.1	5409676.4	16109.00000	429.48	0	48.840035	-86.921336	56146.07	56239.7	10.35	56156.42	56112.27344	56069.55614	56021.31250	505772.1	5409676.4
L5770.1	505772.1	5409675.3	16109.09961	429.46	0	48.840025	-86.921336	56145.91	56239.7	10.35	56156.26	56111.44922	56067.67515	56017.71875	505772.1	5409675.3
L5770.1	505772.1	5409675.3	16109.20020	427.81	0	48.840025	-86.921336	56145.69	56239.7	10.35	56156.04	56110.56641	56063.95424	56012.24219	505772.1	5409675.3
L5770.1	505772.1	5409674.3	16109.29981	428.02	0	48.840016	-86.921336	56145.62	56239.7	10.35	56155.97	56109.83594	56064.52453	56011.00781	505772.1	5409674.3
L5770.1	505772.1	5409673.2	16109.40039	428.47	0	48.840006	-86.921336	56145.34	56239.7	10.35	56155.69	56108.90234	56058.89387	56003.52344	505772.1	5409673.2
L5770.1	505772.1	5409672.6	16109.50000	428.86	0	48.840000	-86.921336	56145.11	56239.7	10.35	56155.46	56108.01953	56054.65214	55997.38281	505772.1	5409672.6
L5770.1	505772.1	5409671.8	16109.59961	428.01	0	48.839993	-86.921336	56145.06	56239.7	10.35	56155.40	56107.31250	56055.30654	55996.08984	505772.1	5409671.8
L5770.1	505772.1	5409671.8	16109.70020	427.90	0	48.839993	-86.921336	56145.06	56239.7	10.35	56155.40	56106.66797	56057.65675	55996.44141	505772.1	5409671.8
L5770.1	505772.1	5409671.0	16109.79981	428.95	0	48.839986	-86.921336	56145.06	56239.7	10.35	56155.41	56106.03906	56060.25258	55996.99219	505772.1	5409671.0
L5770.1	505772.1	5409670.0	16109.90039	426.76	0	48.839977	-86.921336	56144.95	56239.7	10.35	56155.30	56105.29688	56059.31093	55993.95703	505772.1	5409670.0
L5770.1	505772.1	5409670.0	16110.00000	428.49	0	48.839977	-86.921336	56144.98	56239.7	10.35	56155.33	56104.69531	56062.42292	55994.92188	505772.1	5409670.0
L5770.1	505772.1	5409669.0	16110.09961	429.37	0	48.839968	-86.921336	56144.71	56239.7	10.35	56155.06	56103.80469	56056.76502	55987.07031	505772.1	5409669.0
L5770.1	505772.1	5409668.3	16110.20020	429.61	0	48.839961	-86.921336	56144.57	56239.7	10.35	56154.92	56103.04688	56054.88664	55982.94922	505772.1	5409668.3
L5770.1	505772.1	5409668.3	16110.29981	427.59	0	48.839961	-86.921336	56144.57	56239.7	10.35	56154.92	56102.43359	56057.08847	55982.85547	505772.1	5409668.3
L5770.1	505772.1	5409667.6	16110.40039	427.29	0	48.839955	-86.921336	56144.53	56239.7	10.35	56154.88	56101.78906	56058.13014	55981.55469	505772.1	5409667.6
L5770.1	505772.1	5409666.9	16110.50000	429.27	0	48.839949	-86.921336	56144.14	56239.7	10.35	56154.49	56100.79688	56048.98010	55970.00781	505772.1	5409666.9
L5770.1	505772.1	5409666.2	16110.59961	427.15	0	48.839943	-86.921336	56144.02	56239.7	10.35	56154.37	56100.08203	56047.72954	55966.31250	505772.1	5409666.2
L5770.1	505772.1	5409666.2	16110.70020	426.36	0	48.839943	-86.921336	56144.25	56239.7	10.35	56154.60	56099.72656	56056.72112	55972.80859	505772.1	5409666.2
L5770.1	505772.1	5409665.3	16110.79981	424.05	0	48.839934	-86.921336	56144.09	56239.7	10.35	56154.44	56098.98438	56054.38298	55967.92578	505772.1	5409665.3
L5770.1	505772.1	5409664.2	16110.90039	424.54	0	48.839925	-86.921336	56144.13	56239.7	10.35	56154.47	56098.44141	56057.63997	55968.58594	505772.1	5409664.2
L5770.1	505772.1	5409663.3	16111.00000	425.18	0	48.839917	-86.921336	56144.06	56239.7	10.35	56154.41	56097.81641	56058.33579	55966.63281	505772.1	5409663.3
L5770.1	505772.1	5409663.3	16111.09961	423.46	0	48.839917	-86.921336	56144.07	56239.6	10.35	56154.43	56097.27344	56061.43802	55967.03906	505772.1	5409663.3

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5770.1	505772.1	5409662.4	16111.20020	426.40	0	48.839909	-86.921336	56143.86	56239.6	10.35	56154.21	56096.50000	56057.62378	55960.47656	505772.1	5409662.4
L5770.1	505772.1	5409661.5	16111.29981	427.61	0	48.839900	-86.921336	56143.84	56239.6	10.35	56154.20	56095.94531	56060.02651	55960.07813	505772.1	5409661.5
L5770.1	505772.1	5409660.8	16111.40039	426.99	0	48.839894	-86.921337	56144.05	56239.6	10.35	56154.40	56095.60938	56068.65571	55965.85938	505772.1	5409660.8
L5770.1	505772.1	5409660.8	16111.50000	428.61	0	48.839894	-86.921337	56143.94	56239.6	10.36	56154.29	56094.96484	56068.35544	55962.66016	505772.1	5409660.8
L5770.1	505772.1	5409660.0	16111.59961	428.28	0	48.839887	-86.921337	56143.74	56239.6	10.36	56154.10	56094.25391	56065.84273	55957.19922	505772.1	5409660.0
L5770.1	505772.1	5409659.1	16111.70020	428.62	0	48.839878	-86.921337	56143.74	56239.6	10.36	56154.10	56093.73828	56069.00097	55957.35938	505772.1	5409659.1
L5770.1	505772.1	5409659.1	16111.79981	430.60	0	48.839878	-86.921337	56143.70	56239.6	10.36	56154.05	56093.17969	56070.83970	55956.15234	505772.1	5409659.1
L5770.1	505772.0	5409658.3	16111.90039	430.20	0	48.839871	-86.921337	56143.64	56239.6	10.36	56154.00	56092.62891	56072.82582	55955.04297	505772.0	5409658.3
L5770.1	505772.0	5409657.3	16112.00000	430.20	0	48.839863	-86.921337	56143.70	56239.6	10.36	56154.06	56092.19531	56078.17582	55957.25000	505772.0	5409657.3
L5770.1	505772.0	5409656.7	16112.09961	430.64	0	48.839858	-86.921337	56143.44	56239.6	10.36	56153.80	56091.45313	56074.35731	55950.23828	505772.0	5409656.7
L5770.1	505772.0	5409656.7	16112.20020	430.21	0	48.839858	-86.921337	56143.24	56239.6	10.36	56153.60	56090.77734	56072.46052	55945.10156	505772.0	5409656.7
L5770.1	505772.0	5409656.2	16112.29981	430.00	0	48.839853	-86.921337	56143.21	56239.6	10.36	56153.57	56090.27734	56075.70103	55945.05859	505772.0	5409656.2
L5770.1	505772.0	5409655.5	16112.40039	429.64	0	48.839846	-86.921337	56143.33	56239.6	10.36	56153.68	56089.92578	56083.21111	55949.23438	505772.0	5409655.5
L5770.1	505772.0	5409655.0	16112.50000	429.41	0	48.839842	-86.921337	56143.36	56239.6	10.35	56153.72	56089.51172	56088.87306	55951.51953	505772.0	5409655.0
L5770.1	505772.0	5409655.0	16112.59961	428.64	0	48.839842	-86.921337	56143.36	56239.6	10.35	56153.72	56089.06641	56093.56819	55952.78906	505772.0	5409655.0
L5770.1	505772.0	5409654.1	16112.70020	426.80	0	48.839834	-86.921337	56143.46	56239.6	10.35	56153.81	56088.71875	56101.09377	55956.84766	505772.0	5409654.1
L5770.1	505772.0	5409653.4	16112.79981	426.30	0	48.839828	-86.921337	56143.24	56239.6	10.35	56153.59	56088.07031	56099.78962	55952.03125	505772.0	5409653.4
L5770.1	505772.0	5409653.4	16112.90039	426.17	0	48.839828	-86.921337	56142.81	56239.6	10.35	56153.16	56087.21875	56092.57711	55941.26172	505772.0	5409653.4
L5770.1	505772.0	5409652.8	16113.00000	427.27	0	48.839822	-86.921337	56142.83	56239.7	10.35	56153.18	56086.82422	56098.70904	55943.79297	505772.0	5409652.8
L5770.1	505772.0	5409652.2	16113.09961	428.00	0	48.839817	-86.921337	56142.88	56239.7	10.35	56153.23	56086.46484	56105.94037	55947.38281	505772.0	5409652.2
L5770.1	505772.0	5409652.2	16113.20020	428.40	0	48.839817	-86.921337	56143.36	56239.7	10.35	56153.71	56086.54688	56125.94011	55963.70313	505772.0	5409652.2
L5770.1	505772.0	5409651.5	16113.29981	428.62	0	48.839811	-86.921337	56143.16	56239.7	10.34	56153.50	56085.94531	56126.04722	55960.08594	505772.0	5409651.5
L5770.1	505772.0	5409650.9	16113.40039	428.50	0	48.839805	-86.921337	56142.91	56239.7	10.34	56153.25	56085.31250	56125.22053	55955.50000	505772.0	5409650.9
L5770.1	505772.0	5409650.9	16113.50000	428.99	0	48.839805	-86.921337	56142.98	56239.7	10.34	56153.32	56085.00391	56133.96066	55960.43750	505772.0	5409650.9
L5770.1	505772.0	5409650.4	16113.59961	429.26	0	48.839800	-86.921337	56143.24	56239.7	10.34	56153.58	56084.89453	56148.47718	55971.11719	505772.0	5409650.4
L5770.1	505772.0	5409649.9	16113.70020	429.21	0	48.839796	-86.921337	56143.02	56239.7	10.34	56153.36	56084.30859	56149.23034	55967.99609	505772.0	5409649.9
L5770.1	505772.0	5409649.9	16113.79981	431.05	0	48.839796	-86.921337	56142.79	56239.7	10.33	56153.12	56083.71484	56149.63521	55964.48828	505772.0	5409649.9
L5770.1	505772.0	5409649.4	16113.90039	429.16	0	48.839791	-86.921337	56142.70	56239.7	10.33	56153.04	56083.28125	56154.94018	55965.84766	505772.0	5409649.4
L5770.1	505772.0	5409648.9	16114.00000	431.61	0	48.839787	-86.921337	56142.75	56239.7	10.33	56153.08	56082.98047	56163.97685	55970.90625	505772.0	5409648.9
L5770.1	505772.0	5409648.9	16114.09961	428.97	0	48.839787	-86.921337	56142.91	56239.7	10.33	56153.24	56082.80078	56176.74268	55979.66016	505772.0	5409648.9
L5770.1	505772.0	5409648.3	16114.20020	426.89	0	48.839782	-86.921338	56142.68	56239.7	10.33	56153.01	56082.24219	56178.36068	55977.23438	505772.0	5409648.3
L5770.1	505772.0	5409647.9	16114.29981	425.36	0	48.839778	-86.921338	56142.91	56239.7	10.33	56153.24	56082.14844	56193.61634	55988.41797	505772.0	5409647.9
L5770.1	505772.0	5409647.9	16114.40039	426.29	0	48.839778	-86.921338	56142.98	56239.7	10.33	56153.31	56081.89844	56204.42317	55995.12109	505772.0	5409647.9
L5770.1	505771.9	5409647.4	16114.50000	427.14	0	48.839774	-86.921338	56143.04	56239.7	10.33	56153.37	56081.64453	56215.15031	56001.71875	505771.9	5409647.4
L5770.1	505771.9	5409647.0	16114.59961	426.72	0	48.839770	-86.921339	56142.98	56239.7	10.34	56153.32	56081.28516	56222.87509	56005.28516	505771.9	5409647.0
L5770.1	505771.9	5409647.0	16114.70020	426.55	0	48.839770	-86.921339	56142.98	56239.7	10.34	56153.32	56080.98047	56232.25681	56010.48438	505771.9	5409647.0
L5770.1	505771.9	5409646.6	16114.79981	427.09	0	48.839767	-86.921339	56142.91	56239.7	10.34	56153.24	56080.60156	56239.49641	56013.51563	505771.9	5409646.6
L5770.1	505771.9	5409646.3	16114.90039	427.66	0	48.839764	-86.921340	56142.81	56239.7	10.34	56153.14	56080.21094	56246.33526	56016.12500	505771.9	5409646.3
L5770.1	505771.9	5409646.3	16115.00000	427.84	0	48.839764	-86.921340	56143.08	56239.7	10.34	56153.42	56080.19922	56264.42982	56029.96484	505771.9	5409646.3
L5770.1	505771.8	5409646.0	16115.09961	428.60	0	48.839761	-86.921340	56142.88	56239.7	10.34	56153.22	56079.71484	56268.68902	56029.94922	505771.8	5409646.0
L5770.1	505771.8	5409645.6	16115.20020	428.96	0	48.839757	-86.921341	56142.81	56239.7	10.34	56153.14	56079.35547	56276.60067	56033.56641	505771.8	5409645.6
L5770.1	505771.8	5409645.6	16115.29981	431.43	0	48.839757	-86.921341	56142.91	56239.7	10.34	56153.25	56079.18750	56290.19490	56042.85156	505771.8	5409645.6
L5770.1	505771.7	5409645.3	16115.40039	431.41	0	48.839755	-86.921341	56143.06	56239.7	10.34	56153.40	56079.06250	56305.08503	56053.41016	505771.7	5409645.3
L5770.1	505771.7	5409645.3	16115.50000	431.53	0	48.839755	-86.921341	56142.93	56239.7	10.34	56153.27	56078.66016	56311.92579	56055.90625	505771.7	5409645.3
L5770.1	505771.7	5409645.0	16115.59961	429.36	0	48.839752	-86.921342	56143.11	56239.7	10.34	56153.45	56078.57422	56327.91061	56067.53516	505771.7	5409645.0
L5770.1	505771.6	5409644.8	16115.70020	430.85	0	48.839751	-86.921342	56143.01	56239.7	10.34	56153.35	56078.20703	56335.81858	56071.07031	505771.6	5409644.8
L5770.1	505771.6	5409644.6	16115.79981	431.73	0	48.839749	-86.921343	56142.68	56239.7	10.34	56153.02	56077.61328	56337.09323	56067.96484	505771.6	5409644.6
L5770.1	505771.6	5409644.6	16115.90039	432.85	0	48.839749	-86.921343	56142.91	56239.7	10.34	56153.25	56077.58203	56354.75889	56081.23828	505771.6	5409644.6
L5770.1	505771.6	5409644.4	16116.00000	430.77	0	48.839747	-86.921343	56142.78	56239.7	10.34	56153.12	56077.19141	56361.96870	56084.04688	505771.6	5409644.4
L5770.1	505771.6	5409644.4	16116.09961	430.60	0	48.839747	-86.921343	56142.68	56239.7	10.34	56153.02	56076.83594	56370.08022	56087.75000	505771.6	5409644.4
L5770.1	505771.6	5409644.2	16116.20020	432.23	0	48.839745	-86.921343	56142.66	56239.7	10.34	56152.99	56076.54688	56380.24302	56093.50000	505771.6	5409644.2
L5770.1	505771.6	5409644.1	16116.29981	431.81	0	48.839744	-86.921344	56142.81	56239.7	10.33	56153.14	56076.44141	56395.64768	56104.48828	505771.6	5409644.1
L5770.1	505771.5	5409644.0	16116.40039	431.11	0	48.839743	-86.921344	56142.93	56239.7	10.33	56153.26	56076.30859	56410.15178	56114.57422	505771.5	5409644.0
L5770.1	505771.5	5409643.9	16116.50000	431.62	0	48.839742	-86.921344	56142.86	56239.7	10.33	56153.18	56075.97266	56418.77901	56118.77734	505771.5	5409643.9
L5820.0	505822.2	5409684.2	9226.00000	362.76	0	48.840104	-86.920652	56111.08	56251	-1.00	56110.08	56136.05859	56167.74997	56089.50781	505822.2	5409684.2
L5820.0	505822.2	5409684.2	9226.09961	358.18	0	48.840104	-86.920652	56110.98	56251	-1.00	56109.98	56135.60547	56167.67406	56090.59375	505822.2	5409684.2
L5820.0	505822.3	5409684.0	9226.20020	359.42	0	48.840103	-86.920652	56110.73	56251	-1.00	56109.73	56135.00000	56163.55850	56087.64063	505822.3	5409684.0
L5820.0	505822.3	5409683.8	9226.29981	362.89	0	48.840101	-86.920652	56110.58	56251	-1.00	56109.58	56134.49609	56162.06348	56087.30859	505822.3	5409683.8
L5820.0	505822.3	5409683.8	9226.40039	352.83	0	48.840101	-86.920652	56110.38	56251	-1.00	56109.39	56133.95313	56159.46583	56085.86719	505822.3	5409683.8
L5820.0	505822.3	5409683.6	9226.50000	352.27	0	48.840099	-86.920652	56110.09	56251	-0.99	56109.10	56133.30469	56154.17210	56081.73047	505822.3	5409683.6
L5820.0	505822.3	5409683.4	9226.59961	368.90	0	48.840096	-86.920651	56109.98	56251	-0.99	56108.98	56132.83203	56153.37449	56082.08594	505822.3	5409683.4
L5820.0	505822.3	5409683.1	9226.70020	369.63	0	48.840094	-86.920651	56109.74	56251	-0.99	56108.74	56132.23828	56149.35577	56079.22266	505822.3	5409683.1
L5820.0	505822.3	5409683.1	9226.79981	366.02	0	48.840094	-86.920651	56109.42	56251	-0.99	56108.43	56131.57031	56143.45055	56074.46484	505822.3	5409683.1
L5820.0	505822.3	5409682.8	9226.90039	363.97	0	48.840092	-86.920652	56109.06	56251	-0.99	56108.07	56130.85547	56136.19454	56068.35547	505822.3	5409682.8
L5820.0	505822.3	5409682.8	9227.00000	361.41	0	48.840092	-86.920652	56108.84	56251	-0.99	56107.85	56130.28125	56132.64926	56065.94922	505822.3	5409682.8
L5820.0	505822.3	5409682.5	9227.09961	363.76	0	48.840089	-86.920652	56108.73	56251	-0.99	56107.75	56129.82422	56132.28505	56066.71875	505822.3	5409682.5
L5820.0	505822.2	5409682.2	9227.20020	363.88	0	48.840086	-86.920652	56108.61	56251	-0.99	56107.62	56129.33984	56131.11095	56066.67578	505822.2	5409682.2
L5820.0	505822.2	5409682.2	9227.29981	363.79	0	48.840086	-86.920652	56108.53	56251	-0.98	56107.55	56128.91406	56131.52546	56068.21484	505822.2	5409682.2
L5820.0	505822.2	5409681.9	9227.40039	363.14	0	48.840083	-86.920653	56108.38	56251	-0.98	56107.40	56128.41016	56129.80337	56067.60938	505822.2	5409681.9
L5820.0	505822.1	5409681.5	9227.50000	363.62	0	48.840080	-86.920654	56108.15	56251	-0.98	56107.17	56127.82422	56125.94660	56064.86328	505822.1	5409681.5
L5820.0	505822.1	5409681.5	9227.59961	352.22	0	48.840080	-86.920654	56107.90	56251	-0.98	56106.92	56127.21875	56121.55419	56061.57422	505822.1	5409681.5
L5820.0	505822.1	5409681.1	9227.70020	352.35	0	48.840076	-86.920655	56107.70	56251	-0.98	56106.72	56126.66016	56118.49123	56059.60938	505822.1	5409681.1
L5820.0	505822.1	5409681.1	9227.79981	365.14	0	48.840076	-86.920655	56107.62	56251	-0.97	56106.65	56126.23438	56118.88878	56061.09375	505822.1	5409681.1
L5820.0	505822.0	5409680.7	9227.79981	365.14	0	48.840073	-86.920655	56107.32	56251	-0.97	56106.34	56125.57031	56112.89700	56056.18359	505822.0	5409680.7
L5820.0	505822.0	5409680.3	9228.00000	362.40	0	48.840069	-86.920656	56106.86	56251	-0.97	56105.89	56124.76172	56103.17894	56047.53516	505822.0	5409680.3
L5820.0	505821.9	5409679.9	9228.09961	351.34	0	48.840065	-86.920657	56106.56	56251	-0.97	56105.58	56124.09766	56097.18968	56042.60938	505821.9	5409679.9
L5820.0	505821.9	5409679.9	9228.20020	353.77	0	48.840065	-86.920657	56106.28	56251	-0.98	56105.30	56123.46094	56092.00082	56038.47266	505821.9	5409679.9
L5820.0	505821.8	5409679.3	9228.29981	354.64	0	48.840060	-86.920658	56106.04	56251	-0.98	56105.06	56122.86328	56087.87858	56035.39063	505821.8	5409679.3
L5820.0	505821.8	5409678.8	9228.40039	355.73	0	48.840055	-86.920659	56105.82	56251	-0.99	56104.84	56122.28516	56084.29023	56032.83594	505821.8	5409678.8
L5820.0	505821.8	5409678.8	9228.50000	366.29	0	48.840055	-86.920659	56105.58	56251	-0.99	56104.59	56121.67969	56079.90412	56029.46875	505821.8	5409678.8
L5820.0	505821.7	5409678.2	9228.59961	368.48	0	48.840050	-86.920660	56105.37	56251	-0.99	56104.37	56121.10156	56076.31696	56026.89063	505821.7	5409678.2
L5820.0	505821.7	5409678.2	9228.70020	366.99	0	48.840050	-86.920660	56105.29	56251	-1.00	56104.29	56120.66406	56076.45648	56028.03125	505821.7	5409678.2
L5820.0	505821.7	5409677.6	9228.79981	365.26	0	48.840045	-86.920660	56104.84	56251	-1.00	56103.83	56119.84766	56066.47725	56019.03906	505821.7	5409677.6
L5820.0	505821.6	5409677.0	9228.90039	365.40	0	48.840039	-86.920661	56104.88	56251	-1.01	56103.88	56119.53906	56070.07304	56023.60938	505821.6	5409677.0
L5820.0	505821.6	5409677.0	9229.00000	367.83	0	48.840039	-86.920661	56105.13	56251	-1.01	56104.11	56119.41406	56078.45656	56032.95313	505821.6	5409677.0
L5820.0	505821.5	5409676.2	9229.09961	366.90	0	48.840032	-86.920662	56104.86	56251	-1.01	56103.85	56118.79688	56073.78831	56029.23438	505821.5	5409676.2
L5820.0	505821.5	5409675.7	9229.20020	365.71	0	48.840028	-86.920662	56104.71	56251	-1.01	56103.70	56118.28906	56072.04066	56028.42188	505821.5	5409675.7
L5820.0	505821.5	5409675.3	9229.29981	366.06	0	48.840024	-86.920662	56104.66	56251	-1.01	56103.65	56117.88281	56072.94539	56030.25000	505821.5	5409675.3
L5820.0	505821.5	5409674.7	9229.40039	367.01	0	48.840018	-86.920662	56104.78	56251	-1.01	56103.77	56117.64453	56078.36404	56036.57813	505821.5	5409674.7
L5820.0	505821.5	5409674.7	9229.50000	368.63	0	48.840018	-86.920662	56104.81	56251	-1.01	56103.80	56117.31641	56081.37220	56040.48047	505821.5	5409674.7
L5820.0	505821.6	5409674.1	9229.59961	369.71	0	48.840013	-86.920662	56104.69	56251	-1.01	56103.68	56116.83984	56080.37010	56040.35938	505821.6	5409674.1
L5820.0	505821.6	5409674.1	9229.70020	369.38	0	48.840013	-86.920662	56104.73	56251	-1.01	56103.72	56116.52344	56083.60857	56044.46484	505821.6	5409674.1
L5820.0	505821.6	5409673.3	9229.79981	370.60	0	48.840006	-86.920661	56104.72	56251	-1.01	56103.71	56116.15625	56085.49407	56047.20313	505821.6	5409673.3

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5820.0	505821.7	5409672.7	9229.79981	370.60	0	48.840001	-86.920660	56104.48	56251	-1.01	56103.47	56115.55859	56081.23169	56043.78125	505821.7	5409672.7
L5820.0	505821.7	5409671.8	9229.90039	371.08	0	48.839993	-86.920660	56104.38	56251	-1.01	56103.37	56115.10156	56080.66945	56044.04297	505821.7	5409671.8
L5820.0	505821.7	5409671.8	9230.00000	371.92	0	48.839993	-86.920660	56104.52	56251	-1.01	56103.51	56114.88672	56086.46693	56050.64453	505821.7	5409671.8
L5820.0	505821.8	5409671.0	9230.09961	369.90	0	48.839985	-86.920659	56104.45	56251	-1.01	56103.45	56114.47266	56086.90688	56051.87891	505821.8	5409671.0
L5820.0	505821.8	5409671.0	9230.20020	366.92	0	48.839985	-86.920659	56104.16	56251	-1.00	56103.16	56113.82813	56081.18774	56046.93750	505821.8	5409671.0
L5820.0	505821.8	5409670.1	9230.40039	348.36	0	48.839977	-86.920658	56103.73	56251	-1.00	56102.73	56113.04297	56071.70273	56038.21484	505821.8	5409670.1
L5820.0	505821.9	5409669.5	9230.50000	346.35	0	48.839972	-86.920658	56103.87	56251	-1.00	56102.88	56112.83594	56077.61801	56044.87500	505821.9	5409669.5
L5820.0	505821.9	5409668.8	9230.59961	348.59	0	48.839966	-86.920657	56104.01	56251	-0.99	56103.02	56112.62109	56083.22274	56051.21094	505821.9	5409668.8
L5820.0	505821.9	5409668.0	9230.70020	349.99	0	48.839959	-86.920657	56104.00	56251	-0.99	56103.01	56112.25781	56084.78673	56053.48828	505821.9	5409668.0
L5820.0	505821.9	5409668.0	9230.79981	350.11	0	48.839959	-86.920657	56104.16	56251	-0.99	56103.17	56112.06641	56090.82672	56060.23047	505821.9	5409668.0
L5820.0	505822.0	5409667.3	9230.90039	348.63	0	48.839952	-86.920656	56103.98	56251	-0.98	56102.99	56111.53125	56087.76184	56057.85156	505822.0	5409667.3
L5820.0	505822.0	5409666.4	9231.00000	351.25	0	48.839944	-86.920656	56103.90	56251	-0.98	56102.92	56111.10938	56087.57001	56058.32422	505822.0	5409666.4
L5820.0	505822.1	5409665.6	9231.09961	352.08	0	48.839937	-86.920655	56103.75	56251	-0.98	56102.77	56110.60938	56085.19005	56056.59375	505822.1	5409665.6
L5820.0	505822.1	5409665.6	9231.20020	352.49	0	48.839937	-86.920655	56104.00	56251	-0.99	56103.01	56110.50000	56093.13247	56065.17188	505822.1	5409665.6
L5820.0	505822.1	5409664.5	9231.29981	354.80	0	48.839927	-86.920655	56103.75	56251	-0.99	56102.76	56109.89844	56087.96594	56060.62500	505822.1	5409664.5
L5820.0	505822.1	5409663.5	9231.40039	357.91	0	48.839917	-86.920655	56103.78	56251	-0.99	56102.78	56109.57031	56089.92202	56063.18750	505822.1	5409663.5
L5820.0	505822.1	5409663.5	9231.50000	358.61	0	48.839917	-86.920655	56103.78	56251	-1.00	56102.78	56109.22266	56091.27753	56065.12891	505822.1	5409663.5
L5820.0	505822.1	5409662.6	9231.59961	356.31	0	48.839910	-86.920654	56104.07	56251	-1.00	56103.08	56109.17578	56100.54983	56074.97266	505822.1	5409662.6
L5820.0	505822.1	5409661.7	9231.70020	356.86	0	48.839902	-86.920654	56103.73	56251	-1.00	56102.73	56108.47656	56092.44436	56067.42188	505822.1	5409661.7
L5820.0	505822.1	5409661.7	9231.79981	359.02	0	48.839902	-86.920654	56103.50	56251	-1.00	56102.49	56107.89453	56087.19316	56062.71094	505822.1	5409661.7
L5820.0	505822.1	5409660.7	9231.79981	359.02	0	48.839893	-86.920654	56103.32	56251	-1.00	56102.32	56107.37891	56083.72943	56059.77344	505822.1	5409660.7
L5820.0	505822.1	5409659.8	9232.00000	354.95	0	48.839884	-86.920654	56103.39	56251	-1.01	56102.38	56107.09766	56086.31130	56062.86328	505822.1	5409659.8
L5820.0	505822.1	5409658.8	9232.09961	352.57	0	48.839875	-86.920654	56103.55	56251	-1.01	56102.54	56106.91406	56091.47615	56068.51953	505822.1	5409658.8
L5820.0	505822.1	5409658.8	9232.20020	351.59	0	48.839875	-86.920654	56103.65	56251	-1.01	56102.65	56106.68359	56095.22905	56072.75000	505822.1	5409658.8
L5820.0	505822.1	5409657.6	9232.29981	350.89	0	48.839865	-86.920654	56103.81	56251	-1.00	56102.80	56106.49609	56099.96491	56077.94922	505822.1	5409657.6
L5820.0	505822.1	5409657.6	9232.40039	350.68	0	48.839865	-86.920654	56103.39	56251	-1.00	56102.39	56105.75000	56089.70846	56068.14063	505822.1	5409657.6
L5820.0	505822.1	5409655.8	9232.50000	353.86	0	48.839849	-86.920654	56103.45	56251	-1.00	56102.45	56105.47266	56091.88117	56070.74219	505822.1	5409655.8
L5820.0	505822.1	5409655.8	9232.59961	352.40	0	48.839849	-86.920654	56103.17	56251	-1.00	56102.17	56104.85547	56084.91713	56064.19531	505822.1	5409655.8
L5820.0	505822.1	5409654.9	9232.70020	353.75	0	48.839841	-86.920654	56103.37	56251	-1.00	56102.38	56104.73438	56090.91340	56070.59375	505822.1	5409654.9
L5820.0	505822.1	5409653.6	9232.79981	354.82	0	48.839828	-86.920655	56103.60	56251	-0.99	56102.61	56104.63281	56097.35647	56077.42188	505822.1	5409653.6
L5820.0	505822.1	5409653.6	9232.90039	354.05	0	48.839828	-86.920655	56103.64	56251	-0.99	56102.65	56104.34375	56098.65513	56079.09766	505822.1	5409653.6
L5820.0	505822.1	5409652.3	9233.00000	351.81	0	48.839817	-86.920655	56103.50	56251	-0.99	56102.51	56103.87500	56095.07555	56075.87500	505822.1	5409652.3
L5820.0	505822.1	5409651.4	9233.09961	353.47	0	48.839809	-86.920655	56103.47	56251	-0.99	56102.48	56103.51953	56094.33868	56075.48047	505822.1	5409651.4
L5820.0	505822.1	5409650.6	9233.20020	355.52	0	48.839802	-86.920655	56103.63	56251	-0.99	56102.64	56103.35547	56098.57468	56080.04688	505822.1	5409650.6
L5820.0	505822.1	5409650.6	9233.29981	356.42	0	48.839802	-86.920655	56103.22	56251	-0.99	56102.23	56102.62500	56087.54999	56069.33984	505822.1	5409650.6
L5820.0	505822.1	5409649.4	9233.40039	354.94	0	48.839791	-86.920655	56103.02	56251	-0.99	56102.03	56102.10547	56082.03167	56064.12500	505822.1	5409649.4
L5820.0	505822.1	5409648.6	9233.50000	354.97	0	48.839784	-86.920655	56103.12	56251	-0.99	56102.14	56101.89453	56084.68281	56067.06250	505822.1	5409648.6
L5820.0	505822.1	5409647.4	9233.59961	357.07	0	48.839774	-86.920655	56103.34	56251	-0.98	56102.36	56101.80078	56090.17958	56072.83594	505822.1	5409647.4
L5820.0	505822.1	5409647.4	9233.70020	354.73	0	48.839774	-86.920655	56103.40	56251	-0.98	56102.42	56101.54688	56091.33465	56074.25391	505822.1	5409647.4
L5820.0	505822.1	5409646.6	9233.79981	348.29	0	48.839766	-86.920655	56103.55	56251	-0.98	56102.56	56101.37500	56094.53890	56077.71094	505822.1	5409646.6
L5820.0	505822.1	5409645.6	9233.79981	348.29	0	48.839757	-86.920655	56103.55	56251	-0.98	56102.56	56101.06641	56093.93644	56077.34766	505822.1	5409645.6
L5820.0	505822.1	5409644.9	9234.00000	347.11	0	48.839751	-86.920655	56103.64	56251	-0.98	56102.66	56100.85938	56095.91843	56079.55469	505822.1	5409644.9
L5820.0	505822.1	5409643.9	9234.09961	346.02	0	48.839741	-86.920655	56103.63	56251	-0.98	56102.65	56100.54297	56094.89551	56078.74609	505822.1	5409643.9
L5820.0	505822.1	5409643.9	9234.20020	347.09	0	48.839741	-86.920655	56103.35	56251	-0.98	56102.37	56099.96094	56086.60960	56070.66016	505822.1	5409643.9
L5820.0	505822.1	5409642.4	9234.29981	348.15	0	48.839728	-86.920655	56103.42	56251	-0.97	56102.45	56099.74219	56087.83547	56072.07813	505822.1	5409642.4
L5820.0	505822.1	5409641.2	9234.40039	347.68	0	48.839717	-86.920655	56103.20	56251	-0.97	56102.22	56099.21875	56080.73720	56065.16406	505822.1	5409641.2
L5820.0	505822.1	5409641.2	9234.50000	347.91	0	48.839717	-86.920655	56103.47	56251	-0.97	56102.50	56099.20313	56087.14827	56071.74219	505822.1	5409641.2
L5820.0	505822.1	5409639.8	9234.59961	349.26	0	48.839705	-86.920655	56103.11	56251	-0.97	56102.14	56098.55078	56076.45361	56061.20703	505822.1	5409639.8
L5820.0	505822.1	5409638.8	9234.70020	350.42	0	48.839696	-86.920655	56103.40	56251	-0.97	56102.43	56098.55469	56082.99999	56067.90234	505822.1	5409638.8
L5820.0	505822.1	5409637.7	9234.79981	349.85	0	48.839686	-86.920655	56103.88	56251	-0.96	56102.92	56098.75781	56094.80910	56079.84766	505822.1	5409637.7
L5820.0	505822.1	5409637.7	9234.90039	349.20	0	48.839686	-86.920655	56103.88	56251	-0.96	56102.92	56098.47266	56093.51302	56078.68359	505822.1	5409637.7
L5820.0	505822.1	5409636.4	9235.00000	349.92	0	48.839674	-86.920655	56104.00	56251	-0.96	56103.04	56098.31250	56095.35466	56080.64453	505822.1	5409636.4
L5820.0	505822.1	5409635.0	9235.09961	353.33	0	48.839662	-86.920655	56104.21	56251	-0.96	56103.24	56098.23828	56099.27160	56084.66797	505822.1	5409635.0
L5820.0	505822.1	5409635.0	9235.20020	356.17	0	48.839662	-86.920655	56103.79	56251	-0.97	56102.82	56097.54297	56086.62988	56072.12891	505822.1	5409635.0
L5820.0	505822.1	5409633.8	9235.29981	356.09	0	48.839651	-86.920655	56103.63	56251	-0.97	56102.65	56097.10156	56080.59473	56066.18750	505822.1	5409633.8
L5820.0	505822.1	5409633.8	9235.40039	355.06	0	48.839651	-86.920655	56103.47	56251	-0.98	56102.50	56096.68359	56075.04539	56060.72266	505822.1	5409633.8
L5820.0	505822.1	5409631.4	9235.50000	355.72	0	48.839629	-86.920655	56103.81	56251	-0.98	56102.83	56096.74609	56082.23145	56067.98438	505822.1	5409631.4
L5820.0	505822.1	5409631.4	9235.59961	354.57	0	48.839629	-86.920655	56104.20	56251	-0.98	56103.22	56096.87500	56090.97373	56076.79297	505822.1	5409631.4
L5820.0	505822.1	5409630.1	9235.70020	366.18	0	48.839618	-86.920654	56104.41	56251	-0.99	56103.42	56096.81641	56094.61907	56080.50000	505822.1	5409630.1
L5820.0	505822.1	5409630.1	9235.79981	366.32	0	48.839618	-86.920654	56104.20	56251	-0.99	56103.21	56096.35156	56087.31305	56073.25000	505822.1	5409630.1
L5820.0	505822.1	5409628.8	9235.79981	366.32	0	48.839606	-86.920654	56104.66	56251	-0.99	56103.67	56096.55859	56097.81202	56083.79297	505822.1	5409628.8
L5820.0	505822.2	5409627.7	9236.00000	363.74	0	48.839596	-86.920654	56104.84	56251	-1.00	56103.84	56096.47656	56100.56005	56086.58203	505822.2	5409627.7
L5820.0	505822.2	5409626.6	9236.09961	363.19	0	48.839586	-86.920654	56104.73	56251	-1.00	56103.74	56096.13281	56096.09241	56082.14844	505822.2	5409626.6
L5820.0	505822.2	5409626.6	9236.20020	359.89	0	48.839586	-86.920654	56104.48	56251	-1.00	56103.49	56095.63672	56087.60672	56073.68750	505822.2	5409626.6
L5820.0	505822.2	5409625.2	9236.29981	363.38	0	48.839574	-86.920654	56104.25	56251	-1.00	56103.25	56095.16016	56079.36553	56065.46875	505822.2	5409625.2
L5820.0	505822.2	5409623.8	9236.40039	363.51	0	48.839561	-86.920654	56104.08	56251	-1.00	56103.09	56094.76172	56073.23526	56059.35547	505822.2	5409623.8
L5820.0	505822.2	5409623.8	9236.50000	365.00	0	48.839561	-86.920654	56104.36	56251	-0.99	56103.36	56094.80078	56078.53693	56064.66797	505822.2	5409623.8
L5820.0	505822.2	5409622.8	9236.59961	363.62	0	48.839552	-86.920654	56104.92	56251	-0.99	56103.92	56095.12891	56091.54591	56077.67969	505822.2	5409622.8
L5820.0	505822.2	5409621.6	9236.70020	363.59	0	48.839541	-86.920654	56105.21	56251	-0.99	56104.22	56095.20313	56097.62189	56083.75391	505822.2	5409621.6
L5820.0	505822.2	5409620.5	9236.79981	363.53	0	48.839531	-86.920654	56105.44	56251	-0.99	56104.45	56095.20703	56101.82600	56087.95703	505822.2	5409620.5
L5820.0	505822.2	5409620.5	9236.90039	362.86	0	48.839531	-86.920654	56105.46	56251	-0.99	56104.47	56095.00781	56100.43355	56086.55469	505822.2	5409620.5
L5820.0	505822.2	5409618.7	9237.00000	363.44	0	48.839515	-86.920654	56105.37	56251	-0.99	56104.38	56094.70313	56096.10948	56082.21484	505822.2	5409618.7
L5820.0	505822.2	5409617.5	9237.09961	363.65	0	48.839504	-86.920654	56105.19	56251	-0.99	56104.20	56094.30859	56089.38879	56075.47656	505822.2	5409617.5
L5820.0	505822.2	5409617.5	9237.20020	362.67	0	48.839504	-86.920654	56105.49	56251	-0.99	56104.51	56094.40625	56095.71570	56081.78125	505822.2	5409617.5
L5820.0	505822.2	5409616.4	9237.29981	362.32	0	48.839494	-86.920653	56105.60	56251	-0.98	56104.61	56094.30078	56096.45610	56082.50000	505822.2	5409616.4
L5820.0	505822.2	5409615.2	9237.40039	360.37	0	48.839484	-86.920653	56105.56	56251	-0.98	56104.57	56094.05859	56093.47607	56079.49219	505822.2	5409615.2
L5820.0	505822.3	5409614.0	9237.50000	356.72	0	48.839473	-86.920653	56105.60	56251	-0.98	56104.62	56093.90625	56092.90139	56078.88281	505822.3	5409614.0
L5820.0	505822.3	5409612.7	9237.59961	358.29	0	48.839461	-86.920653	56105.76	56251	-0.98	56104.78	56093.87109	56095.26687	56081.21484	505822.3	5409612.7
L5820.0	505822.3	5409611.6	9237.70020	358.23	0	48.839451	-86.920653	56106.08	56251	-0.98	56105.10	56093.99609	56101.90595	56087.81641	505822.3	5409611.6
L5820.0	505822.3	5409611.6	9237.79981	359.36	0	48.839451	-86.920653	56106.20	56251	-0.97	56105.23	56093.93359	56103.50260	56089.37109	505822.3	5409611.6
L5820.0	505822.3	5409610.0	9237.79981	359.36	0	48.839437	-86.920653	56106.25	56251	-0.97	56105.28	56093.79688	56102.98760	56088.81641	505822.3	5409610.0
L5820.0	505822.3	5409610.0	9238.00000	363.96	0	48.839437	-86.920653	56106.51	56251	-0.97	56105.54	56093.87500	56108.08394	56093.86719	505822.3	5409610.0
L5820.0	505822.3	5409608.5	9238.09961	362.02	0	48.839423	-86.920653	56106.23	56251	-0.97	56105.26	56093.41406	56098.82598	56084.56250	505822.3	5409608.5
L5820.0	505822.3	5409607.4	9238.20020	361.35	0	48.839413	-86.920652	56106.18	56251	-0.97	56105.21	56093.18359	56095.71600	56081.40234	505822.3	5409607.4
L5820.0	505822.3	5409605.9	9238.29981	363.97	0	48.839400	-86.920652	56106.25	56251	-0.97	56105.28	56093.07813	56095.82741	56081.46094	505822.3	5409605.9
L5820.0	505822.3	5409605.9	9238.40039	362.60	0	48.839400	-86.920652	56106.36	56251	-0.97	56105.39	56093.01563	56097.03229	56082.61328	505822.3	5409605.9
L5820.0	505822.3	5409604.7	9238.50000	366.71	0	48.839389	-86.920652	56106.33	56251	-0.97	56105.36	56092.81641	56094.54032	56080.06641	505822.3	5409604.7
L5820.0	505822.4	5409603.5	9238.59961	363.28	0	48.839378	-86.920652	56106.43	56251	-0.97	56105.46	56092.75391	56095.54179	56081.01172	505822.4	5409603.5
L5820.0	505822.4	5409603.5	9238.70020	363.25	0	48.839378	-86.920652	56106.47	56251	-0.97	56105.50	56092.62891	56094.98008	56080.39453	505822.4	5409603.5
L5820.0	505822.4	5409602.1	9238.79981	365.94	0	48.839365	-86.920652	56106.76	56251	-0.97	56105.79	56092.75781	56101.11037	56086.46484	505822.4	5409602.1
L5820.0	505822.4	5409600.7	9238.90039	364.44	0	48.839353	-86.920652	56106.96	56251	-0.97	56105.99	56092.80078	56104.88241	56090.17578	505822.4	5409600.7
L5820.0	505822.4	5409599.3	9239.00000	363.76	0	48.839341	-86.920652	56106.83	56251	-0.97	56105.86	56092.51563	56099.90832	56085.14063	505822.4	5409599.3
L5820.0	505822.4	5409599.3	9239.09961	365.12	0	48.839341	-86.920652	56106.91	56251	-0.97	56105.94	56092.44531	56100.56663	56085.73828	505822.4	5409599.3

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5820.0	505822.4	5409598.1	9239.20020	364.91	0	48.839330	-86.920652	56106.98	56251	-0.97	56106.01	56092.36719	56101.00187	56086.10938	505822.4	5409598.1
L5820.0	505822.4	5409598.1	9239.29981	366.10	0	48.839330	-86.920652	56107.09	56251	-0.98	56106.12	56092.33203	56102.54694	56087.58984	505822.4	5409598.1
L5820.0	505822.4	5409596.9	9239.40039	364.77	0	48.839319	-86.920652	56107.08	56251	-0.98	56106.10	56092.16797	56100.67751	56085.65625	505822.4	5409596.9
L5820.0	505822.4	5409595.4	9239.50000	365.72	0	48.839306	-86.920652	56107.17	56251	-0.98	56106.19	56092.11719	56101.78494	56086.69531	505822.4	5409595.4
L5820.0	505822.4	5409594.0	9239.59961	365.32	0	48.839293	-86.920651	56107.34	56251	-0.98	56106.36	56092.14844	56105.07219	56089.91797	505822.4	5409594.0
L5820.0	505822.4	5409594.0	9239.70020	364.79	0	48.839293	-86.920651	56107.32	56251	-0.98	56106.34	56091.99219	56103.35253	56088.12891	505822.4	5409594.0
L5820.0	505822.4	5409593.0	9239.79981	362.55	0	48.839283	-86.920651	56107.57	56251	-0.99	56106.58	56092.09766	56108.60824	56093.32031	505822.4	5409593.0
L5820.0	505822.4	5409591.5	9239.79981	362.55	0	48.839271	-86.920651	56107.45	56251	-0.99	56106.46	56091.84766	56104.33430	56088.97656	505822.4	5409591.5
L5820.0	505822.5	5409590.2	9240.00000	363.25	0	48.839259	-86.920651	56107.49	56251	-0.99	56106.50	56091.75781	56104.37664	56088.94922	505822.5	5409590.2
L5820.0	505822.5	5409590.2	9240.09961	363.69	0	48.839259	-86.920651	56107.35	56251	-0.99	56106.36	56091.49219	56099.68482	56084.18750	505822.5	5409590.2
L5820.0	505822.5	5409588.5	9240.20020	362.44	0	48.839243	-86.920650	56107.59	56251	-0.99	56106.60	56091.60547	56105.16972	56089.60156	505822.5	5409588.5
L5820.0	505822.5	5409587.3	9240.29981	363.24	0	48.839232	-86.920650	56107.57	56251	-0.99	56106.57	56091.45313	56103.52758	56087.89063	505822.5	5409587.3
L5820.0	505822.5	5409587.3	9240.40039	363.01	0	48.839232	-86.920650	56107.64	56251	-0.99	56106.65	56091.41406	56104.87698	56089.16797	505822.5	5409587.3
L5820.0	505822.6	5409585.8	9240.50000	364.55	0	48.839219	-86.920649	56107.78	56251	-1.00	56106.78	56091.42578	56107.62213	56091.84375	505822.6	5409585.8
L5820.0	505822.6	5409584.1	9240.59961	362.83	0	48.839204	-86.920649	56107.67	56251	-1.00	56106.67	56091.19922	56104.04376	56088.19141	505822.6	5409584.1
L5820.0	505822.6	5409582.8	9240.70020	362.16	0	48.839192	-86.920649	56107.79	56251	-1.00	56106.80	56091.21484	56106.92282	56091.00000	505822.6	5409582.8
L5820.0	505822.6	5409582.8	9240.79981	362.45	0	48.839192	-86.920649	56107.47	56251	-1.00	56106.47	56090.77344	56097.62437	56081.62891	505822.6	5409582.8
L5820.0	505822.6	5409581.2	9240.90039	363.30	0	48.839178	-86.920649	56107.57	56251	-1.00	56106.57	56090.76172	56099.84504	56083.77734	505822.6	5409581.2
L5820.0	505822.6	5409581.2	9241.00000	360.35	0	48.839178	-86.920649	56107.57	56251	-1.00	56106.57	56090.65234	56099.47590	56083.33203	505822.6	5409581.2
L5820.0	505822.6	5409579.8	9241.09961	361.67	0	48.839165	-86.920649	56107.97	56251	-1.00	56106.97	56090.94531	56109.83034	56093.61328	505822.6	5409579.8
L5820.0	505822.6	5409578.1	9241.20020	361.52	0	48.839150	-86.920649	56107.97	56251	-1.00	56106.97	56090.83984	56109.61104	56093.32031	505822.6	5409578.1
L5820.0	505822.6	5409578.1	9241.29981	361.67	0	48.839150	-86.920649	56107.95	56251	-1.00	56106.94	56090.70313	56108.67031	56092.30469	505822.6	5409578.1
L5820.0	505822.6	5409576.8	9241.40039	359.90	0	48.839138	-86.920649	56107.82	56251	-1.00	56106.82	56090.48047	56105.41230	56088.97266	505822.6	5409576.8
L5820.0	505822.6	5409575.8	9241.50000	362.25	0	48.839129	-86.920649	56107.75	56251	-1.01	56106.75	56090.30859	56103.56587	56087.05078	505822.6	5409575.8
L5820.0	505822.6	5409574.3	9241.59961	364.44	0	48.839115	-86.920649	56107.72	56251	-1.01	56106.71	56090.16797	56102.60008	56086.00781	505822.6	5409574.3
L5820.0	505822.6	5409574.3	9241.70020	362.96	0	48.839115	-86.920649	56107.70	56251	-1.01	56106.69	56090.05078	56102.25021	56085.58203	505822.6	5409574.3
L5820.0	505822.6	5409572.8	9241.79981	361.40	0	48.839102	-86.920648	56107.90	56251	-1.01	56106.89	56090.15234	56107.84249	56091.09766	505822.6	5409572.8
L5820.0	505822.6	5409572.8	9241.79981	361.40	0	48.839102	-86.920648	56108.07	56251	-1.01	56107.07	56090.23828	56112.98873	56096.16406	505822.6	5409572.8
L5820.0	505822.7	5409570.5	9242.00000	360.95	0	48.839081	-86.920648	56108.10	56251	-1.01	56107.09	56090.16406	56113.96306	56097.06250	505822.7	5409570.5
L5820.0	505822.7	5409569.6	9242.09961	361.12	0	48.839073	-86.920648	56107.90	56251	-1.01	56106.89	56089.86719	56109.16950	56092.18750	505822.7	5409569.6
L5820.0	505822.7	5409567.6	9242.20020	358.61	0	48.839056	-86.920648	56107.63	56251	-1.00	56106.62	56089.50391	56102.60297	56085.54297	505822.7	5409567.6
L5820.0	505822.7	5409566.6	9242.29981	359.43	0	48.839046	-86.920648	56107.52	56251	-1.00	56106.52	56089.31250	56100.65450	56083.51563	505822.7	5409566.6
L5820.0	505822.7	5409566.6	9242.40039	360.50	0	48.839046	-86.920648	56107.82	56251	-0.99	56106.83	56089.53125	56109.71510	56092.49609	505822.7	5409566.6
L5820.0	505822.7	5409564.9	9242.50000	360.70	0	48.839031	-86.920648	56107.90	56251	-0.99	56106.91	56089.52344	56112.74688	56095.44531	505822.7	5409564.9
L5820.0	505822.7	5409564.9	9242.59961	360.55	0	48.839031	-86.920648	56107.95	56251	-0.99	56106.96	56089.48047	56115.07581	56097.69141	505822.7	5409564.9
L5820.0	505822.7	5409563.5	9242.70020	359.07	0	48.839019	-86.920648	56107.84	56251	-0.98	56106.86	56089.29297	56113.50821	56096.03906	505822.7	5409563.5
L5820.0	505822.7	5409562.2	9242.79981	360.20	0	48.839007	-86.920647	56107.74	56251	-0.98	56106.76	56089.10547	56112.03873	56094.48828	505822.7	5409562.2
L5820.0	505822.7	5409562.2	9242.90039	359.36	0	48.839007	-86.920647	56107.55	56251	-0.97	56106.57	56088.82813	56108.27231	56090.63672	505822.7	5409562.2
L5820.0	505822.7	5409560.5	9243.00000	357.06	0	48.838991	-86.920647	56107.44	56251	-0.97	56106.47	56088.64063	56107.00217	56089.28125	505822.7	5409560.5
L5820.0	505822.8	5409558.5	9243.09961	359.04	0	48.838973	-86.920647	56107.29	56251	-0.97	56106.32	56088.40625	56104.50193	56086.69531	505822.8	5409558.5
L5820.0	505822.8	5409558.5	9243.20020	358.25	0	48.838973	-86.920647	56107.19	56251	-0.97	56106.21	56088.21094	56103.16854	56085.27344	505822.8	5409558.5
L5820.0	505822.8	5409557.4	9243.29981	357.59	0	48.838963	-86.920647	56107.29	56251	-0.98	56106.32	56088.23438	56107.79502	56089.81250	505822.8	5409557.4
L5820.0	505822.8	5409555.9	9243.40039	357.59	0	48.838950	-86.920647	56107.36	56251	-0.98	56106.38	56088.21094	56111.19366	56093.12109	505822.8	5409555.9
L5820.0	505822.8	5409554.8	9243.50000	356.76	0	48.838940	-86.920647	56107.14	56251	-0.98	56106.16	56087.90625	56107.24159	56089.07813	505822.8	5409554.8
L5820.0	505822.8	5409554.8	9243.59961	356.98	0	48.838940	-86.920647	56106.54	56251	-0.98	56105.55	56087.21484	56093.01070	56074.75781	505822.8	5409554.8
L5820.0	505822.8	5409553.0	9243.70020	360.34	0	48.838924	-86.920647	56106.33	56251	-0.98	56105.35	56086.92969	56089.80031	56071.45313	505822.8	5409553.0
L5820.0	505822.8	5409551.8	9243.79981	357.63	0	48.838913	-86.920647	56106.00	56251	-0.99	56105.01	56086.50781	56082.96769	56064.52734	505822.8	5409551.8
L5820.0	505822.8	5409551.8	9243.79981	357.63	0	48.838913	-86.920647	56106.33	56251	-0.99	56105.35	56086.76563	56094.34443	56075.81250	505822.8	5409551.8
L5820.0	505822.8	5409550.5	9244.00000	356.37	0	48.838902	-86.920647	56106.20	56251	-0.99	56105.21	56086.54297	56093.04715	56074.41797	505822.8	5409550.5
L5820.0	505822.8	5409548.9	9244.09961	356.23	0	48.838887	-86.920647	56106.32	56251	-0.99	56105.33	56086.57813	56098.77731	56080.05078	505822.8	5409548.9
L5820.0	505822.8	5409547.8	9244.20020	359.63	0	48.838877	-86.920647	56106.00	56251	-0.99	56105.01	56086.17578	56092.89818	56074.07422	505822.8	5409547.8
L5820.0	505822.8	5409547.8	9244.29981	357.72	0	48.838877	-86.920647	56106.13	56251	-0.99	56105.14	56086.22656	56099.10455	56080.18359	505822.8	5409547.8
L5820.0	505822.8	5409546.5	9244.40039	358.53	0	48.838865	-86.920647	56105.85	56251	-0.99	56104.85	56085.85547	56094.23341	56075.21484	505822.8	5409546.5
L5820.0	505822.8	5409544.9	9244.50000	360.04	0	48.838851	-86.920647	56106.06	56251	-0.99	56105.06	56085.98438	56102.77798	56083.65625	505822.8	5409544.9
L5820.0	505822.8	5409543.5	9244.59961	359.81	0	48.838839	-86.920647	56106.25	56251	-1.00	56105.26	56086.10156	56111.15954	56091.93750	505822.8	5409543.5
L5820.0	505822.8	5409543.5	9244.70020	360.22	0	48.838839	-86.920647	56106.25	56251	-1.00	56105.26	56086.01953	56114.31877	56094.99219	505822.8	5409543.5
L5820.0	505822.8	5409542.0	9244.79981	361.93	0	48.838825	-86.920647	56105.80	56251	-1.00	56104.80	56085.48047	56105.33257	56085.90234	505822.8	5409542.0
L5820.0	505822.8	5409542.0	9244.90039	361.40	0	48.838825	-86.920647	56105.60	56251	-1.00	56104.60	56085.19922	56103.36891	56083.83203	505822.8	5409542.0
L5820.0	505822.8	5409540.2	9245.00000	361.15	0	48.838808	-86.920646	56105.54	56251	-1.00	56104.54	56085.05859	56105.23170	56085.58984	505822.8	5409540.2
L5820.0	505822.8	5409538.4	9245.09961	359.11	0	48.838793	-86.920646	56105.24	56251	-1.00	56104.24	56084.67578	56100.80259	56081.05078	505822.8	5409538.4
L5820.0	505822.9	5409536.9	9245.20020	354.93	0	48.838779	-86.920646	56105.06	56251	-0.99	56104.07	56084.42578	56099.93081	56080.07422	505822.9	5409536.9
L5820.0	505822.9	5409535.3	9245.29981	355.26	0	48.838765	-86.920646	56104.94	56251	-0.99	56103.95	56084.22266	56100.48481	56080.51563	505822.9	5409535.3
L5820.0	505822.9	5409535.3	9245.40039	356.98	0	48.838765	-86.920646	56104.87	56251	-0.99	56103.88	56084.07422	56102.46278	56082.38281	505822.9	5409535.3
L5820.0	505822.9	5409535.3	9245.50000	356.42	0	48.838765	-86.920646	56104.61	56251	-0.99	56103.62	56083.73438	56099.47308	56079.28125	505822.9	5409535.3
L5820.0	505822.9	5409533.7	9245.59961	357.97	0	48.838751	-86.920646	56104.46	56251	-0.98	56103.48	56083.51172	56099.76693	56079.46094	505822.9	5409533.7
L5820.0	505822.9	5409532.3	9245.70020	359.27	0	48.838737	-86.920646	56104.23	56251	-0.98	56103.25	56083.19922	56097.75112	56077.33203	505822.9	5409532.3
L5820.0	505822.9	5409532.3	9245.79981	359.15	0	48.838737	-86.920646	56104.23	56251	-0.98	56103.26	56083.12891	56102.20904	56081.67578	505822.9	5409532.3
L5820.0	505822.9	5409530.9	9245.79981	359.15	0	48.838725	-86.920646	56103.97	56251	-0.98	56103.00	56082.78906	56099.56008	56078.91016	505822.9	5409530.9
L5820.0	505822.9	5409529.5	9246.00000	362.35	0	48.838712	-86.920646	56103.90	56251	-0.97	56102.93	56082.64063	56102.04841	56081.28125	505822.9	5409529.5
L5820.0	505822.9	5409527.8	9246.09961	361.91	0	48.838697	-86.920646	56103.60	56251	-0.97	56102.63	56082.25781	56098.48927	56077.60156	505822.9	5409527.8
L5820.0	505822.9	5409527.8	9246.20020	360.93	0	48.838697	-86.920646	56103.45	56251	-0.97	56102.47	56082.01563	56098.73042	56077.72266	505822.9	5409527.8
L5820.0	505822.9	5409526.4	9246.29981	359.37	0	48.838685	-86.920646	56103.19	56251	-0.97	56102.21	56081.67578	56096.37904	56075.25000	505822.9	5409526.4
L5820.0	505822.8	5409524.9	9246.40039	359.16	0	48.838671	-86.920646	56102.59	56251	-0.97	56101.62	56081.00391	56085.30843	56064.05859	505822.8	5409524.9
L5820.0	505822.8	5409523.2	9246.50000	358.57	0	48.838655	-86.920646	56102.66	56251	-0.98	56101.68	56080.98438	56091.60635	56070.23438	505822.8	5409523.2
L5820.0	505822.8	5409523.2	9246.59961	358.69	0	48.838655	-86.920646	56102.46	56251	-0.98	56101.48	56080.70313	56091.04174	56069.54297	505822.8	5409523.2
L5820.0	505822.8	5409521.6	9246.70020	358.40	0	48.838641	-86.920647	56102.38	56251	-0.98	56101.41	56080.55469	56093.99416	56072.37109	505822.8	5409521.6
L5820.0	505822.8	5409520.0	9246.79981	360.27	0	48.838627	-86.920647	56102.18	56251	-0.98	56101.20	56080.26172	56093.27140	56071.52344	505822.8	5409520.0
L5820.0	505822.8	5409520.0	9246.90039	358.51	0	48.838627	-86.920647	56102.08	56251	-0.98	56101.10	56080.08203	56095.52545	56073.64844	505822.8	5409520.0
L5820.0	505822.8	5409518.6	9247.00000	358.87	0	48.838614	-86.920647	56101.70	56251	-0.98	56100.72	56079.62109	56090.36903	56068.36328	505822.8	5409518.6
L5820.0	505822.8	5409517.1	9247.09961	356.84	0	48.838601	-86.920647	56101.54	56251	-0.98	56100.56	56079.38281	56091.10981	56068.97656	505822.8	5409517.1
L5820.0	505822.8	5409515.7	9247.20020	356.56	0	48.838588	-86.920647	56101.30	56251	-0.98	56100.32	56079.06250	56089.75641	56067.49219	505822.8	5409515.7
L5820.0	505822.8	5409515.7	9247.29981	355.51	0	48.838588	-86.920647	56101.10	56251	-0.97	56100.12	56078.78125	56089.49928	56067.10547	505822.8	5409515.7
L5820.0	505822.8	5409513.8	9247.40039	356.66	0	48.838572	-86.920647	56100.86	56251	-0.97	56099.89	56078.47266	56088.47026	56065.94141	505822.8	5409513.8
L5820.0	505822.8	5409512.3	9247.50000	358.06	0	48.838557	-86.920647	56100.56	56251	-0.97	56099.59	56078.09375	56085.59982	56062.93750	505822.8	5409512.3
L5820.0	505822.8	5409512.3	9247.59961	358.09	0	48.838557	-86.920647	56100.44	56251	-0.97	56099.47	56077.89453	56087.53920	56064.74219	505822.8	5409512.3
L5820.0	505822.8	5409510.8	9247.70020	358.83	0	48.838544	-86.920647	56100.28	56251	-0.97	56099.32	56077.66406	56088.69265	56065.76172	505822.8	5409510.8
L5820.0	505822.8	5409509.1	9247.79981	357.83	0	48.838529	-86.920647	56100.08	56251	-0.96	56099.12	56077.38672	56088.52285	56065.45703	505822.8	5409509.1
L5820.0	505822.8	5409509.1	9247.79981	357.83	0	48.838529	-86.920647	56099.81	56251	-0.96	56098.84	56077.02734	56086.22616	56063.02344	505822.8	5409509.1
L5820.0	505822.8	5409507.5	9248.00000	360.44	0	48.838514	-86.920647	56099.63	56251	-0.96	56098.67	56076.77734	56086.85607	56063.51563	505822.8	5409507.5
L5820.0	505822.9	5409506.0	9248.09961	359.93	0	48.838501	-86.920646	56099.17	56251	-0.96	56098.21	56076.23828	56079.75807	56056.27734	505822.9	5409506.0
L5820.0	505822.9	5409504.6	9248.20020	361.09	0	48.838489	-86.920646	56098.90	56251	-0.97	56097.93	56075.88281	56077.44015	56053.82422	505822.9	5409504.6
L5820.0	505822.9	5409504.6	9248.29981	360.20	0	48.838489	-86.920646	56098.69	56251	-0.97	56097.72	56075.59375	56076.96854	56053.21094	505822.9	5409504.6
L5820.0	505822.9	5409503.0	9248.40039	360.34	0	48.838474	-86.920646	56098.59	56251	-0.97	56097.62	56075.41797	56079.40298	56055.50391	505822.9	5409503.0

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5820.0	505822.9	5409503.0	9248.50000	361.74	0	48.838474	-86.920646	56098.41	56251	-0.97	56097.43	56075.14844	56079.41348	56055.37109	505822.9	5409503.0
L5820.0	505822.9	5409500.9	9248.59961	359.15	0	48.838455	-86.920646	56098.29	56251	-0.98	56097.31	56074.95313	56081.25455	56057.07031	505822.9	5409500.9
L5820.0	505822.9	5409499.5	9248.70020	359.70	0	48.838443	-86.920645	56098.20	56251	-0.98	56097.22	56074.78906	56083.85594	56059.53125	505822.9	5409499.5
L5820.0	505822.9	5409499.5	9248.79981	355.69	0	48.838443	-86.920645	56097.63	56251	-0.98	56096.65	56074.14063	56073.63428	56049.16406	505822.9	5409499.5
L5820.0	505823.0	5409497.6	9248.90039	355.75	0	48.838426	-86.920645	56097.40	56251	-0.99	56096.41	56073.82813	56072.14939	56047.53516	505823.0	5409497.6
L5820.0	505823.0	5409496.2	9249.00000	357.56	0	48.838413	-86.920645	56097.13	56251	-0.99	56096.14	56073.48047	56069.81143	56045.05078	505823.0	5409496.2
L5820.0	505823.0	5409496.2	9249.09961	358.42	0	48.838413	-86.920645	56096.97	56251	-0.99	56095.98	56073.24609	56070.34239	56045.43750	505823.0	5409496.2
L5820.0	505823.0	5409494.6	9249.20020	358.88	0	48.838399	-86.920644	56096.59	56251	-0.98	56095.61	56072.80469	56065.21739	56040.16406	505823.0	5409494.6
L5820.0	505823.0	5409493.0	9249.29981	359.66	0	48.838384	-86.920644	56096.32	56251	-0.98	56095.34	56072.46094	56062.68448	56037.48438	505823.0	5409493.0
L5820.0	505823.0	5409493.0	9249.40039	359.85	0	48.838384	-86.920644	56096.08	56251	-0.97	56095.11	56072.16016	56061.14097	56035.79688	505823.0	5409493.0
L5820.0	505823.1	5409491.4	9249.50000	358.69	0	48.838370	-86.920644	56096.29	56251	-0.97	56095.32	56072.29688	56071.23111	56045.73828	505823.1	5409491.4
L5820.0	505823.1	5409490.2	9249.59961	358.81	0	48.838359	-86.920644	56096.11	56251	-0.97	56095.14	56072.04688	56070.85208	56045.20703	505823.1	5409490.2
L5820.0	505823.1	5409490.2	9249.70020	359.82	0	48.838359	-86.920644	56095.75	56251	-0.96	56094.79	56071.62500	56065.85596	56040.06250	505823.1	5409490.2
L5820.0	505823.1	5409488.9	9249.79981	359.50	0	48.838347	-86.920643	56095.51	56251	-0.96	56094.55	56071.31250	56063.69228	56037.75000	505823.1	5409488.9
L5820.0	505823.1	5409487.0	9249.79981	359.50	0	48.838330	-86.920643	56095.18	56251	-0.96	56094.22	56070.91406	56059.03131	56032.94141	505823.1	5409487.0
L5820.0	505823.2	5409485.6	9250.00000	362.14	0	48.838317	-86.920643	56094.92	56250.9	-0.95	56093.97	56070.59766	56056.39412	56030.15234	505823.2	5409485.6
L5820.0	505823.2	5409484.2	9250.09961	363.28	0	48.838305	-86.920642	56094.88	56251	-0.95	56093.92	56070.48047	56058.97071	56032.57813	505823.2	5409484.2
L5820.0	505823.2	5409484.2	9250.20020	361.36	0	48.838305	-86.920642	56094.85	56251	-0.95	56093.89	56070.38281	56061.96404	56035.42188	505823.2	5409484.2
L5820.0	505823.2	5409482.3	9250.29981	357.86	0	48.838288	-86.920642	56094.80	56251	-0.96	56093.84	56070.26563	56064.30447	56037.60938	505823.2	5409482.3
L5820.0	505823.2	5409482.3	9250.40039	357.36	0	48.838288	-86.920642	56094.70	56251	-0.96	56093.74	56070.10156	56065.18871	56038.34375	505823.2	5409482.3
L5820.0	505823.2	5409480.9	9250.50000	357.18	0	48.838275	-86.920642	56094.39	56251	-0.96	56093.43	56069.72656	56060.35251	56033.35547	505823.2	5409480.9
L5820.0	505823.3	5409479.3	9250.59961	357.53	0	48.838260	-86.920641	56094.01	56251	-0.96	56093.05	56069.28125	56053.51881	56026.37109	505823.3	5409479.3
L5820.0	505823.3	5409479.3	9250.70020	355.79	0	48.838260	-86.920641	56093.88	56251	-0.96	56092.92	56069.08984	56053.20294	56025.90234	505823.3	5409479.3
L5820.0	505823.3	5409477.8	9250.79981	359.12	0	48.838248	-86.920641	56093.91	56251	-0.97	56092.94	56069.04688	56056.73840	56029.28516	505823.3	5409477.8
L5820.0	505823.3	5409475.9	9250.90039	358.64	0	48.838230	-86.920641	56093.63	56251	-0.97	56092.67	56068.71484	56052.40679	56024.80469	505823.3	5409475.9
L5820.0	505823.3	5409475.9	9251.00000	356.80	0	48.838230	-86.920641	56093.31	56251	-0.97	56092.34	56068.32422	56046.32771	56018.57031	505823.3	5409475.9
L5820.0	505823.3	5409474.0	9251.09961	357.89	0	48.838213	-86.920640	56093.33	56251	-0.97	56092.36	56068.28516	56049.41315	56021.50391	505823.3	5409474.0
L5820.0	505823.3	5409472.6	9251.20020	359.36	0	48.838200	-86.920640	56093.18	56251	-0.97	56092.21	56068.07813	56047.81523	56019.75391	505823.3	5409472.6
L5820.0	505823.3	5409472.6	9251.29981	360.00	0	48.838200	-86.920640	56093.00	56251	-0.96	56092.03	56067.83984	56045.25785	56017.04688	505823.3	5409472.6
L5820.0	505823.4	5409469.7	9251.40039	361.65	0	48.838175	-86.920640	56093.07	56251	-0.96	56092.11	56067.86328	56049.45863	56021.09766	505823.4	5409469.7
L5820.0	505823.4	5409469.7	9251.50000	361.23	0	48.838175	-86.920640	56093.08	56251	-0.96	56092.12	56067.82031	56051.62866	56023.11328	505823.4	5409469.7
L5820.0	505823.4	5409467.9	9251.59961	362.01	0	48.838158	-86.920640	56093.07	56251	-0.96	56092.12	56067.76563	56053.36244	56024.69531	505823.4	5409467.9
L5820.0	505823.4	5409467.9	9251.70020	363.52	0	48.838158	-86.920640	56092.95	56251	-0.96	56092.00	56067.58984	56051.72861	56022.91016	505823.4	5409467.9
L5820.0	505823.4	5409466.5	9251.79981	361.51	0	48.838145	-86.920640	56093.02	56251	-0.95	56092.07	56067.60938	56054.97792	56026.01172	505823.4	5409466.5
L5820.0	505823.4	5409465.3	9251.79981	361.51	0	48.838135	-86.920640	56092.88	56251	-0.95	56091.93	56067.41797	56052.45851	56023.33984	505823.4	5409465.3
L5820.0	505823.4	5409463.8	9252.00000	360.86	0	48.838122	-86.920640	56092.77	56250.9	-0.95	56091.82	56067.25781	56050.55785	56021.28906	505823.4	5409463.8
L5820.0	505823.4	5409463.8	9252.09961	363.15	0	48.838122	-86.920640	56092.72	56250.9	-0.95	56091.78	56067.16797	56050.33883	56020.92188	505823.4	5409463.8
L5820.0	505823.4	5409461.7	9252.20020	360.36	0	48.838103	-86.920640	56092.67	56250.9	-0.94	56091.72	56067.06250	56049.40348	56019.83594	505823.4	5409461.7
L5820.0	505823.4	5409460.3	9252.29981	360.22	0	48.838090	-86.920639	56092.70	56250.9	-0.94	56091.76	56067.05469	56050.94498	56021.23047	505823.4	5409460.3
L5820.0	505823.4	5409460.3	9252.40039	362.31	0	48.838090	-86.920639	56092.42	56250.9	-0.94	56091.48	56066.72656	56043.77993	56013.91797	505823.4	5409460.3
L5820.0	505823.4	5409457.0	9252.50000	360.77	0	48.838060	-86.920639	56092.39	56250.9	-0.93	56091.45	56066.65234	56043.08254	56013.07422	505823.4	5409457.0
L5820.0	505823.4	5409457.0	9252.59961	360.33	0	48.838060	-86.920639	56092.22	56250.9	-0.93	56091.29	56066.44922	56038.73473	56008.57813	505823.4	5409457.0
L5820.0	505823.4	5409457.0	9252.70020	360.24	0	48.838060	-86.920639	56092.37	56250.9	-0.93	56091.44	56066.55859	56042.45004	56012.14844	505823.4	5409457.0
L5820.0	505823.5	5409455.2	9252.79981	359.98	0	48.838044	-86.920639	56092.36	56250.9	-0.93	56091.44	56066.51953	56041.98089	56011.53516	505823.5	5409455.2
L5820.0	505823.5	5409453.5	9252.90039	361.70	0	48.838029	-86.920639	56092.63	56250.9	-0.92	56091.70	56066.73828	56048.24250	56017.65234	505823.5	5409453.5
L5820.0	505823.5	5409452.0	9253.00000	358.55	0	48.838015	-86.920639	56092.85	56250.9	-0.92	56091.93	56066.92969	56053.51370	56022.77734	505823.5	5409452.0
L5820.0	505823.5	5409452.0	9253.09961	359.20	0	48.838015	-86.920639	56092.94	56250.9	-0.92	56092.02	56066.98047	56054.86579	56023.98828	505823.5	5409452.0
L5820.0	505823.5	5409449.9	9253.20020	356.59	0	48.837997	-86.920639	56092.77	56250.9	-0.92	56091.85	56066.77734	56049.10404	56018.08203	505823.5	5409449.9
L5820.0	505823.5	5409448.8	9253.29981	354.74	0	48.837986	-86.920639	56092.52	56250.9	-0.92	56091.59	56066.48047	56040.75476	56009.59375	505823.5	5409448.8
L5820.0	505823.5	5409448.8	9253.40039	354.02	0	48.837986	-86.920639	56092.77	56250.9	-0.92	56091.85	56066.70703	56046.05885	56014.75781	505823.5	5409448.8
L5820.0	505823.5	5409446.9	9253.50000	355.69	0	48.837969	-86.920639	56092.77	56250.9	-0.93	56091.84	56066.66406	56043.98432	56012.54297	505823.5	5409446.9
L5820.0	505823.5	5409445.6	9253.59961	357.45	0	48.837958	-86.920639	56092.95	56250.9	-0.93	56092.03	56066.82422	56047.04514	56015.46875	505823.5	5409445.6
L5820.0	505823.5	5409444.2	9253.70020	358.13	0	48.837945	-86.920639	56093.02	56250.9	-0.93	56092.09	56066.85156	56046.45655	56014.74219	505823.5	5409444.2
L5820.0	505823.5	5409444.2	9253.79981	357.80	0	48.837945	-86.920639	56093.13	56250.9	-0.93	56092.20	56066.93359	56047.01206	56015.16016	505823.5	5409444.2
L5820.0	505823.5	5409442.5	9253.79981	357.80	0	48.837930	-86.920639	56093.21	56250.9	-0.93	56092.28	56066.98438	56046.58318	56014.59766	505823.5	5409442.5
L5820.0	505823.5	5409440.6	9254.00000	359.83	0	48.837912	-86.920639	56093.45	56250.9	-0.93	56092.52	56067.19922	56050.23000	56018.11328	505823.5	5409440.6
L5820.0	505823.5	5409440.6	9254.09961	361.77	0	48.837912	-86.920639	56093.76	56250.9	-0.93	56092.83	56067.48438	56055.55816	56023.30859	505823.5	5409440.6
L5820.0	505823.5	5409438.9	9254.20020	363.14	0	48.837897	-86.920639	56093.84	56250.9	-0.93	56092.91	56067.53906	56054.58249	56022.20313	505823.5	5409438.9
L5820.0	505823.5	5409437.7	9254.29981	361.74	0	48.837887	-86.920639	56093.98	56250.9	-0.93	56093.05	56067.65625	56055.02596	56022.51563	505823.5	5409437.7
L5820.0	505823.5	5409437.7	9254.40039	362.82	0	48.837887	-86.920639	56094.04	56250.9	-0.93	56093.11	56067.69531	56053.16352	56020.52734	505823.5	5409437.7
L5820.0	505823.5	5409435.9	9254.50000	362.94	0	48.837870	-86.920639	56094.19	56250.9	-0.93	56093.26	56067.82422	56053.52361	56020.75781	505823.5	5409435.9
L5820.0	505823.5	5409434.3	9254.59961	362.99	0	48.837856	-86.920639	56094.12	56250.9	-0.93	56093.19	56067.73438	56047.85545	56014.96484	505823.5	5409434.3
L5820.0	505823.5	5409434.3	9254.70020	364.46	0	48.837856	-86.920639	56094.42	56250.9	-0.93	56093.49	56068.01563	56051.86972	56018.85547	505823.5	5409434.3
L5820.0	505823.5	5409432.7	9254.79981	363.67	0	48.837842	-86.920639	56094.67	56250.9	-0.93	56093.74	56068.25000	56054.38733	56021.25391	505823.5	5409432.7
L5820.0	505823.4	5409431.5	9254.90039	360.03	0	48.837830	-86.920639	56094.97	56250.9	-0.93	56094.04	56068.53516	56058.07363	56024.82031	505823.4	5409431.5
L5820.0	505823.4	5409429.8	9255.00000	360.67	0	48.837816	-86.920640	56095.30	56250.9	-0.93	56094.37	56068.84766	56062.39925	56029.02734	505823.4	5409429.8
L5820.0	505823.4	5409429.8	9255.09961	360.74	0	48.837816	-86.920640	56095.40	56250.9	-0.93	56094.47	56068.93750	56060.44529	56026.95313	505823.4	5409429.8
L5820.0	505823.4	5409428.4	9255.20020	362.04	0	48.837803	-86.920640	56095.65	56250.9	-0.93	56094.72	56069.17188	56062.33208	56028.72656	505823.4	5409428.4
L5820.0	505823.4	5409426.7	9255.29981	362.08	0	48.837787	-86.920640	56095.66	56250.9	-0.93	56094.73	56069.17188	56057.67983	56023.96094	505823.4	5409426.7
L5820.0	505823.4	5409426.7	9255.40039	361.09	0	48.837787	-86.920640	56095.88	56250.9	-0.93	56094.95	56069.38281	56058.47277	56024.64063	505823.4	5409426.7
L5820.0	505823.4	5409425.0	9255.50000	361.76	0	48.837772	-86.920640	56095.96	56250.9	-0.93	56095.03	56069.45313	56055.39624	56021.45703	505823.4	5409425.0
L5820.0	505823.4	5409423.2	9255.59961	360.90	0	48.837757	-86.920640	56096.26	56250.9	-0.94	56095.32	56069.73438	56057.77229	56023.72266	505823.4	5409423.2
L5820.0	505823.4	5409421.6	9255.70020	362.78	0	48.837742	-86.920640	56096.56	56250.9	-0.94	56095.63	56070.03906	56060.54622	56026.39063	505823.4	5409421.6
L5820.0	505823.4	5409421.6	9255.79981	360.61	0	48.837742	-86.920640	56096.99	56250.9	-0.94	56096.05	56070.45313	56066.11806	56031.85938	505823.4	5409421.6
L5820.0	505823.4	5409420.0	9255.79981	360.61	0	48.837728	-86.920640	56097.20	56250.9	-0.94	56096.26	56070.66016	56065.97221	56031.60938	505823.4	5409420.0
L5820.0	505823.4	5409420.0	9256.00000	360.81	0	48.837728	-86.920640	56097.32	56250.9	-0.94	56096.38	56070.77734	56063.30752	56028.84766	505823.4	5409420.0
L5820.0	505823.4	5409418.4	9256.09961	358.94	0	48.837713	-86.920640	56097.76	56250.9	-0.94	56096.82	56071.21484	56069.04376	56034.48438	505823.4	5409418.4
L5820.0	505823.4	5409416.7	9256.20020	356.94	0	48.837698	-86.920640	56097.86	56250.9	-0.94	56096.92	56071.31250	56065.61345	56030.95703	505823.4	5409416.7
L5820.0	505823.4	5409416.7	9256.29981	358.52	0	48.837698	-86.920640	56098.14	56250.9	-0.94	56097.20	56071.59375	56066.86504	56032.11328	505823.4	5409416.7
L5820.0	505823.4	5409415.2	9256.40039	357.80	0	48.837684	-86.920640	56098.20	56250.9	-0.94	56097.26	56071.65234	56062.15326	56027.31250	505823.4	5409415.2
L5820.0	505823.4	5409413.5	9256.50000	357.35	0	48.837669	-86.920640	56098.57	56250.9	-0.94	56097.63	56072.02344	56065.59289	56030.66406	505823.4	5409413.5
L5820.0	505823.4	5409411.9	9256.59961	360.01	0	48.837655	-86.920640	56098.84	56250.9	-0.94	56097.90	56072.29688	56066.27244	56031.25391	505823.4	5409411.9
L5820.0	505823.4	5409411.9	9256.70020	360.82	0	48.837655	-86.920640	56099.32	56250.9	-0.94	56098.38	56072.78125	56072.44952	56037.34766	505823.4	5409411.9
L5820.0	505823.4	5409410.2	9256.79981	360.86	0	48.837639	-86.920640	56099.42	56250.9	-0.94	56098.48	56072.88672	56068.42044	56033.23438	505823.4	5409410.2
L5820.0	505823.4	5409410.2	9256.90039	359.69	0	48.837639	-86.920640	56099.51	56250.9	-0.94	56098.57	56072.98438	56064.04020	56028.77344	505823.4	5409410.2
L5820.0	505823.5	5409408.6	9257.00000	359.08	0	48.837624	-86.920640	56099.83	56250.9	-0.94	56098.89	56073.30859	56065.70275	56030.35938	505823.5	5409408.6
L5820.0	505823.5	5409407.3	9257.09961	356.77	0	48.837614	-86.920640	56100.08	56250.9	-0.94	56099.14	56073.56641	56065.42525	56030.00781	505823.5	5409407.3
L5820.0	505823.5	5409405.7	9257.20020	357.99	0	48.837599	-86.920639	56100.46	56250.9	-0.94	56099.52	56073.95703	56068.53666	56033.04297	505823.5	5409405.7
L5820.0	505823.5	5409404.0	9257.29981	359.28	0	48.837584	-86.920639	56100.68	56250.9	-0.94	56099.74	56074.18750	56067.32036	56031.75781	505823.5	5409404.0
L5820.0	505823.5	5409404.0	9257.40039	359.57	0	48.837584	-86.920639	56101.15	56250.9	-0.94	56100.21	56074.66797	56072.69623	56037.06641	505823.5	5409404.0
L5820.0	505823.5	5409402.6	9257.50000	361.65	0	48.837571	-86.920639	56101.42	56250.9	-0.94	56100.48	56074.94922	56072.68780	56036.99219	505823.5	5409402.6
L5820.0	505823.5	5409401.1	9257.59961	361.73	0	48.837557	-86.920639	56101.86	56250.9	-0.94	56100.92	56075.40234	56077.14997	56041.39063	505823.5	5409401.1
L5820.0	505823.5	5409401.1	9257.70020	361.30	0	48.837557	-86.920639	56102.23	56250.9	-0.94	56101.29	56075.78516	56079.69716	56043.87891	505823.5	5409401.1

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5820.0	505823.5	5409399.5	9257.79981	361.64	0	48.837543	-86.920639	56102.58	56250.9	-0.94	56101.64	56076.14844	56081.66463	56045.78516	505823.5	5409399.5
L5820.0	505823.5	5409397.8	9257.79981	361.64	0	48.837528	-86.920639	56102.91	56250.9	-0.94	56101.97	56076.49219	56083.05641	56047.12500	505823.5	5409397.8
L5820.0	505823.5	5409397.8	9258.00000	362.10	0	48.837528	-86.920639	56103.04	56250.9	-0.94	56102.10	56076.63672	56079.08421	56043.09766	505823.5	5409397.8
L5820.0	505823.6	5409396.0	9258.09961	362.06	0	48.837511	-86.920638	56103.32	56250.9	-0.94	56102.38	56076.93359	56079.07027	56043.03516	505823.6	5409396.0
L5820.0	505823.6	5409394.4	9258.20020	362.86	0	48.837497	-86.920638	56103.65	56250.9	-0.93	56102.72	56077.29297	56080.62234	56044.53906	505823.6	5409394.4
L5820.0	505823.6	5409394.4	9258.29981	361.03	0	48.837497	-86.920638	56104.20	56250.9	-0.93	56103.27	56077.85938	56087.73781	56051.60938	505823.6	5409394.4
L5820.0	505823.6	5409392.6	9258.40039	357.39	0	48.837480	-86.920638	56104.39	56250.9	-0.93	56103.46	56078.07031	56085.24501	56049.07813	505823.6	5409392.6
L5820.0	505823.6	5409391.1	9258.50000	356.46	0	48.837468	-86.920638	56104.73	56250.9	-0.93	56103.81	56078.43750	56086.99196	56050.78516	505823.6	5409391.1
L5820.0	505823.6	5409389.7	9258.59961	355.13	0	48.837455	-86.920638	56105.04	56250.9	-0.92	56104.12	56078.76953	56087.65764	56051.41406	505823.6	5409389.7
L5820.0	505823.6	5409388.6	9258.70020	356.62	0	48.837445	-86.920638	56105.20	56250.9	-0.92	56104.28	56078.94922	56084.31709	56048.03906	505823.6	5409388.6
L5820.0	505823.6	5409388.6	9258.79981	360.47	0	48.837445	-86.920638	56105.60	56250.9	-0.92	56104.68	56079.37109	56087.35713	56051.05078	505823.6	5409388.6
L5820.0	505823.6	5409386.8	9258.90039	361.00	0	48.837429	-86.920637	56105.85	56250.9	-0.91	56104.93	56079.64453	56086.39807	56050.06250	505823.6	5409386.8
L5820.0	505823.6	5409386.8	9259.00000	362.53	0	48.837429	-86.920637	56106.15	56250.9	-0.91	56105.24	56079.97656	56087.03438	56050.67578	505823.6	5409386.8
L5820.0	505823.7	5409385.4	9259.09961	356.24	0	48.837416	-86.920637	56106.41	56250.9	-0.91	56105.49	56080.25000	56086.07468	56049.69141	505823.7	5409385.4
L5820.0	505823.7	5409383.7	9259.20020	354.81	0	48.837401	-86.920637	56106.91	56250.9	-0.91	56106.00	56080.78516	56092.04192	56055.64063	505823.7	5409383.7
L5820.0	505823.7	5409383.7	9259.29981	363.29	0	48.837401	-86.920637	56107.21	56250.9	-0.92	56106.29	56081.09766	56092.16013	56055.74219	505823.7	5409383.7
L5820.0	505823.7	5409382.0	9259.40039	364.31	0	48.837385	-86.920636	56107.60	56250.9	-0.92	56106.68	56081.51563	56094.95219	56058.51953	505823.7	5409382.0
L5820.0	505823.8	5409380.7	9259.50000	362.09	0	48.837374	-86.920636	56107.90	56250.9	-0.92	56106.98	56081.83984	56095.36289	56058.92188	505823.8	5409380.7
L5820.0	505823.8	5409379.5	9259.59961	357.67	0	48.837363	-86.920636	56108.10	56250.9	-0.92	56107.18	56082.06641	56093.12924	56056.67969	505823.8	5409379.5
L5820.0	505823.8	5409379.5	9259.70020	358.98	0	48.837363	-86.920636	56108.40	56250.9	-0.92	56107.48	56082.39453	56093.57917	56057.12500	505823.8	5409379.5
L5820.0	505823.8	5409377.8	9259.79981	360.12	0	48.837347	-86.920635	56108.53	56250.9	-0.93	56107.61	56082.55078	56089.52750	56053.07031	505823.8	5409377.8
L5820.0	505823.9	5409375.8	9259.79981	360.12	0	48.837329	-86.920634	56108.81	56250.9	-0.93	56107.88	56082.84766	56089.23071	56052.77344	505823.9	5409375.8
L5820.0	505823.9	5409374.2	9259.90039	357.98	0	48.837315	-86.920634	56109.09	56250.9	-0.93	56108.16	56083.15625	56089.23087	56052.77734	505823.9	5409374.2
L5820.0	505823.9	5409374.2	9260.00000	361.18	0	48.837315	-86.920634	56109.72	56250.9	-0.93	56108.79	56083.81641	56098.58312	56062.13672	505823.9	5409374.2
L5820.0	505824.0	5409371.8	9260.09961	359.29	0	48.837294	-86.920633	56110.02	56250.9	-0.93	56109.09	56084.14453	56099.18650	56062.75000	505824.0	5409371.8
L5820.0	505824.0	5409371.8	9260.20020	361.48	0	48.837294	-86.920633	56110.35	56250.9	-0.92	56109.43	56084.51563	56100.89483	56064.46875	505824.0	5409371.8
L5820.0	505824.0	5409370.6	9260.40039	361.02	0	48.837283	-86.920632	56110.54	56250.9	-0.91	56109.63	56084.74609	56098.91896	56062.50781	505824.0	5409370.6
L5820.0	505824.1	5409368.7	9260.50000	360.32	0	48.837266	-86.920632	56110.78	56250.9	-0.90	56109.87	56085.01563	56098.05421	56061.66016	505824.1	5409368.7
L5820.0	505824.1	5409368.7	9260.59961	363.33	0	48.837266	-86.920632	56111.06	56250.9	-0.90	56110.16	56085.33594	56098.56991	56062.19922	505824.1	5409368.7
L5820.0	505824.1	5409367.1	9260.70020	362.74	0	48.837251	-86.920631	56111.34	56250.9	-0.89	56110.45	56085.65625	56099.13796	56062.78906	505824.1	5409367.1
L5820.0	505824.2	5409365.4	9260.79981	363.60	0	48.837236	-86.920631	56111.62	56250.9	-0.89	56110.73	56085.96875	56099.49522	56063.17188	505824.2	5409365.4
L5820.0	505824.2	5409365.4	9260.90039	363.70	0	48.837236	-86.920631	56111.72	56250.9	-0.88	56110.83	56086.09766	56095.11878	56058.82031	505824.2	5409365.4
L5820.0	505824.2	5409363.3	9261.00000	361.98	0	48.837217	-86.920630	56112.20	56250.9	-0.88	56111.32	56086.62109	56101.18725	56064.92188	505824.2	5409363.3
L5820.0	505824.2	5409363.3	9261.09961	363.61	0	48.837217	-86.920630	56112.28	56250.9	-0.88	56111.40	56086.73438	56096.40484	56060.17188	505824.2	5409363.3
L5820.0	505824.2	5409361.6	9261.20020	363.26	0	48.837202	-86.920630	56112.75	56250.9	-0.88	56111.87	56087.23438	56102.07366	56065.87500	505824.2	5409361.6
L5820.0	505824.3	5409360.4	9261.29981	362.21	0	48.837192	-86.920629	56112.86	56250.9	-0.89	56111.97	56087.36719	56097.96292	56061.80078	505824.3	5409360.4
L5820.0	505824.3	5409359.0	9261.40039	361.92	0	48.837179	-86.920629	56113.21	56250.9	-0.89	56112.32	56087.75000	56100.58252	56064.46094	505824.3	5409359.0
L5820.0	505824.3	5409359.0	9261.50000	360.15	0	48.837179	-86.920629	56113.54	56250.9	-0.89	56112.65	56088.11328	56102.74733	56066.67188	505824.3	5409359.0
L5820.0	505824.3	5409357.7	9261.59961	362.72	0	48.837167	-86.920629	56113.89	56250.9	-0.89	56113.00	56088.49609	56105.52562	56069.49219	505824.3	5409357.7
L5820.0	505824.3	5409357.7	9261.70020	363.30	0	48.837167	-86.920629	56114.17	56250.9	-0.89	56113.28	56088.80859	56106.52457	56070.53906	505824.3	5409357.7
L5820.0	505824.3	5409355.9	9261.79981	365.17	0	48.837150	-86.920629	56114.45	56250.9	-0.90	56113.55	56089.11328	56107.34501	56071.40625	505824.3	5409355.9
L5820.0	505824.3	5409354.4	9261.79981	365.17	0	48.837138	-86.920629	56114.75	56250.9	-0.90	56113.86	56089.45703	56109.32154	56073.43359	505824.3	5409354.4
L5820.0	505824.3	5409353.1	9262.00000	364.37	0	48.837125	-86.920629	56114.91	56250.9	-0.90	56114.01	56089.64063	56107.13290	56071.30078	505824.3	5409353.1
L5820.0	505824.3	5409351.3	9262.09961	361.45	0	48.837110	-86.920628	56115.32	56250.9	-0.90	56114.41	56090.07422	56111.69832	56075.91797	505824.3	5409351.3
L5820.0	505824.3	5409351.3	9262.20020	361.59	0	48.837110	-86.920628	56115.28	56250.9	-0.91	56114.37	56090.06641	56104.65105	56068.92969	505824.3	5409351.3
L5820.0	505824.3	5409349.4	9262.29981	360.23	0	48.837093	-86.920628	56115.64	56250.9	-0.91	56114.74	56090.47266	56108.62482	56072.96094	505824.3	5409349.4
L5820.0	505824.3	5409347.6	9262.40039	360.24	0	48.837076	-86.920628	56115.84	56250.9	-0.91	56114.93	56090.69531	56107.91536	56072.31250	505824.3	5409347.6
L5820.0	505824.3	5409347.6	9262.50000	357.59	0	48.837076	-86.920628	56116.33	56250.9	-0.92	56115.41	56091.20703	56115.03951	56079.49609	505824.3	5409347.6
L5820.0	505824.3	5409346.4	9262.59961	358.35	0	48.837065	-86.920628	56116.47	56250.9	-0.92	56115.55	56091.38281	56113.22816	56077.75000	505824.3	5409346.4
L5820.0	505824.4	5409344.9	9262.70020	356.98	0	48.837052	-86.920628	56116.77	56250.9	-0.92	56115.85	56091.71484	56115.79698	56080.38281	505824.4	5409344.9
L5820.0	505824.3	5409343.5	9262.79981	359.87	0	48.837039	-86.920628	56117.03	56250.9	-0.92	56116.10	56092.00000	56117.15888	56081.80859	505824.3	5409343.5
L5820.0	505824.3	5409343.5	9262.90039	359.50	0	48.837039	-86.920628	56117.28	56250.9	-0.93	56116.35	56092.28125	56118.64900	56083.36719	505824.3	5409343.5
L5820.0	505824.3	5409341.7	9263.00000	360.51	0	48.837023	-86.920628	56117.18	56250.9	-0.93	56116.25	56092.21484	56110.95305	56075.73828	505824.3	5409341.7
L5820.0	505824.3	5409340.1	9263.09961	362.45	0	48.837008	-86.920629	56117.46	56250.9	-0.93	56116.53	56092.52734	56113.51036	56078.36328	505824.3	5409340.1
L5820.0	505824.3	5409338.6	9263.20020	362.44	0	48.836995	-86.920629	56117.56	56250.9	-0.92	56116.64	56092.67188	56111.68201	56076.60547	505824.3	5409338.6
L5820.0	505824.3	5409338.6	9263.29981	362.13	0	48.836995	-86.920629	56117.54	56250.9	-0.92	56116.62	56092.68359	56106.53710	56071.53125	505824.3	5409338.6
L5820.0	505824.3	5409337.0	9263.40039	361.76	0	48.836981	-86.920629	56118.11	56250.9	-0.91	56117.20	56093.29688	56117.51509	56082.58203	505824.3	5409337.0
L5820.0	505824.3	5409335.3	9263.50000	362.42	0	48.836965	-86.920629	56118.09	56250.9	-0.91	56117.18	56093.30859	56112.67184	56077.80859	505824.3	5409335.3
L5820.0	505824.3	5409335.3	9263.59961	362.93	0	48.836965	-86.920629	56118.30	56250.9	-0.91	56117.39	56093.55078	56114.10926	56079.32031	505824.3	5409335.3
L5820.0	505824.3	5409334.1	9263.70020	364.14	0	48.836955	-86.920630	56118.34	56250.9	-0.90	56117.44	56093.63281	56111.44846	56076.73438	505824.3	5409334.1
L5820.0	505824.3	5409334.1	9263.79981	367.51	0	48.836955	-86.920630	56118.83	56250.9	-0.90	56117.93	56094.15625	56120.66800	56086.02734	505824.3	5409334.1
L5820.0	505824.2	5409332.0	9263.79981	367.51	0	48.836935	-86.920630	56118.92	56250.9	-0.90	56118.02	56094.27734	56119.40841	56084.83984	505824.2	5409332.0
L5820.0	505824.2	5409330.8	9264.00000	365.66	0	48.836925	-86.920631	56119.10	56250.9	-0.89	56118.21	56094.50000	56120.98594	56086.49219	505824.2	5409330.8
L5820.0	505824.2	5409329.1	9264.09961	363.16	0	48.836910	-86.920631	56119.16	56250.9	-0.89	56118.27	56094.58984	56119.28164	56084.86328	505824.2	5409329.1
L5820.0	505824.1	5409327.7	9264.20020	360.89	0	48.836897	-86.920631	56119.33	56250.9	-0.90	56118.43	56094.78125	56120.42343	56086.07813	505824.1	5409327.7
L5820.0	505824.1	5409327.7	9264.29981	359.70	0	48.836897	-86.920631	56119.56	56250.9	-0.90	56118.66	56095.03906	56123.61712	56089.34766	505824.1	5409327.7
L5820.0	505824.1	5409325.5	9264.40039	358.62	0	48.836878	-86.920632	56119.64	56250.9	-0.91	56118.73	56095.14063	56122.74384	56088.54688	505824.1	5409325.5
L5820.0	505824.1	5409325.5	9264.50000	361.03	0	48.836878	-86.920632	56119.86	56250.9	-0.91	56118.95	56095.39063	56126.06147	56091.94141	505824.1	5409325.5
L5820.0	505824.1	5409323.9	9264.59961	359.80	0	48.836863	-86.920633	56119.86	56250.9	-0.91	56118.95	56095.42188	56123.72384	56089.67578	505824.1	5409323.9
L5820.0	505824.0	5409322.1	9264.70020	358.48	0	48.836847	-86.920633	56120.20	56250.9	-0.92	56119.28	56095.78125	56130.37858	56096.40234	505824.0	5409322.1
L5820.0	505824.0	5409320.7	9264.79981	358.22	0	48.836834	-86.920634	56120.17	56250.9	-0.92	56119.25	56095.77734	56127.65997	56093.75781	505824.0	5409320.7
L5820.0	505824.0	5409320.7	9264.90039	360.68	0	48.836834	-86.920634	56120.34	56250.9	-0.93	56119.42	56095.97656	56130.48189	56096.65234	505824.0	5409320.7
L5820.0	505824.0	5409319.3	9265.00000	362.63	0	48.836821	-86.920634	56120.22	56250.9	-0.93	56119.29	56095.87500	56125.53715	56091.78125	505824.0	5409319.3
L5820.0	505824.0	5409319.3	9265.09961	363.66	0	48.836821	-86.920634	56120.22	56250.9	-0.93	56119.29	56095.90234	56124.27855	56090.59375	505824.0	5409319.3
L5820.0	505824.0	5409317.7	9265.20020	361.00	0	48.836807	-86.920634	56120.17	56250.9	-0.92	56119.24	56095.87891	56121.91850	56088.30078	505824.0	5409317.7
L5820.0	505823.9	5409316.0	9265.29981	361.96	0	48.836792	-86.920635	56120.24	56250.9	-0.92	56119.32	56095.98828	56123.25389	56089.70703	505823.9	5409316.0
L5820.0	505823.9	5409314.5	9265.40039	361.86	0	48.836778	-86.920635	56120.50	56250.9	-0.92	56119.58	56096.27344	56129.62057	56096.14063	505823.9	5409314.5
L5820.0	505823.9	5409312.8	9265.50000	362.12	0	48.836763	-86.920635	56120.60	56250.9	-0.92	56119.68	56096.39844	56131.97115	56098.56250	505823.9	5409312.8
L5820.0	505823.9	5409311.9	9265.59961	361.02	0	48.836755	-86.920636	56120.66	56250.9	-0.91	56119.75	56096.49609	56133.77137	56100.42578	505823.9	5409311.9
L5820.0	505823.8	5409310.1	9265.70020	363.14	0	48.836739	-86.920636	56120.70	56250.9	-0.91	56119.79	56096.55859	56135.02587	56101.74609	505823.8	5409310.1
L5820.0	505823.8	5409310.1	9265.79981	363.29	0	48.836739	-86.920636	56120.72	56250.9	-0.91	56119.82	56096.61328	56136.27179	56103.05859	505823.8	5409310.1
L5820.0	505823.8	5409310.1	9265.79981	363.29	0	48.836739	-86.920636	56120.63	56250.9	-0.91	56119.72	56096.53906	56134.31894	56101.16797	505823.8	5409310.1
L5820.0	505823.8	5409308.4	9266.00000	362.98	0	48.836723	-86.920636	56120.63	56250.9	-0.90	56119.72	56096.56250	56135.29543	56102.20703	505823.8	5409308.4
L5820.0	505823.8	5409306.9	9266.09961	361.11	0	48.836710	-86.920637	56120.44	56250.9	-0.90	56119.54	56096.40625	56131.75128	56098.72656	505823.8	5409306.9
L5820.0	505823.8	5409305.3	9266.20020	362.66	0	48.836696	-86.920637	56120.32	56250.9	-0.91	56119.41	56096.30078	56129.81460	56096.84766	505823.8	5409305.3
L5820.0	505823.8	5409305.3	9266.29981	364.41	0	48.836696	-86.920637	56120.50	56250.9	-0.91	56119.59	56096.50391	56136.41220	56103.50391	505823.8	5409305.3
L5820.0	505823.7	5409303.9	9266.40039	363.18	0	48.836683	-86.920637	56120.24	56250.9	-0.91	56119.33	56096.26563	56131.58100	56098.73047	505823.7	5409303.9
L5820.0	505823.7	5409302.1	9266.50000	362.91	0	48.836667	-86.920638	56120.22	56250.9	-0.92	56119.30	56096.25781	56133.16352	56100.37109	505823.7	5409302.1
L5820.0	505823.7	5409302.1	9266.59961	364.51	0	48.836667	-86.920638	56120.06	56250.9	-0.92	56119.15	56096.12891	56131.84616	56099.10938	505823.7	5409302.1
L5820.0	505823.7	5409300.4	9266.70020	366.81	0	48.836651	-86.920638	56120.20	56250.9	-0.92	56119.27	56096.26953	56138.01685	56105.33203	505823.7	5409300.4
L5820.0	505823.7	5409298.9	9266.79981	366.70	0	48.836638	-86.920638	56119.91	56250.9	-0.92	56118.99	56096.00781	56133.84244	56101.21094	505823.7	5409298.9
L5820.0	505823.7	5409297.5	9266.90039	365.03	0	48.836625	-86.920638	56119.76	56250.9	-0.93	56118.83	56095.87109	56133.17194	56100.59375	505823.7	5409297.5
L5820.0	505823.7	5409297.5	9267.00000	364.47	0	48.836625	-86.920638	56119.66	56250.9	-0.93	56118.73	56095.78906	56134.41268	56101.88281	505823.7	5409297.5

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5820.0	505823.7	5409295.5	9267.09961	364.50	0	48.836608	-86.920638	56119.56	56250.9	-0.93	56118.63	56095.70703	56135.97199	56103.49219	505823.7	5409295.5
L5820.0	505823.7	5409295.5	9267.20020	363.27	0	48.836608	-86.920638	56119.46	56250.9	-0.94	56118.52	56095.61719	56137.58843	56105.15625	505823.7	5409295.5
L5820.0	505823.7	5409293.3	9267.29981	361.13	0	48.836588	-86.920638	56119.11	56250.9	-0.94	56118.17	56095.28516	56133.14337	56100.75781	505823.7	5409293.3
L5820.0	505823.7	5409292.2	9267.40039	361.30	0	48.836578	-86.920639	56119.07	56250.9	-0.95	56118.13	56095.26563	56137.28467	56104.94922	505823.7	5409292.2
L5820.0	505823.6	5409290.8	9267.50000	362.12	0	48.836565	-86.920639	56118.91	56250.9	-0.95	56117.96	56095.11328	56138.30279	56106.01172	505823.6	5409290.8
L5820.0	505823.6	5409290.8	9267.59961	364.28	0	48.836565	-86.920639	56118.77	56251	-0.95	56117.82	56094.98828	56140.46245	56108.21484	505823.6	5409290.8
L5820.0	505823.6	5409289.3	9267.70020	363.30	0	48.836552	-86.920639	56118.25	56251	-0.96	56117.29	56094.47656	56132.58667	56100.38281	505823.6	5409289.3
L5820.0	505823.6	5409287.9	9267.79981	360.95	0	48.836539	-86.920640	56118.14	56251	-0.96	56117.18	56094.38281	56136.24562	56104.08203	505823.6	5409287.9
L5820.0	505823.6	5409287.9	9267.79981	360.95	0	48.836539	-86.920640	56117.59	56251	-0.96	56116.62	56093.83984	56128.28177	56096.16016	505823.6	5409287.9
L5820.0	505823.5	5409285.7	9268.00000	361.35	0	48.836519	-86.920640	56117.38	56251	-0.97	56116.41	56093.64453	56129.99915	56097.92188	505823.5	5409285.7
L5820.0	505823.5	5409284.3	9268.09961	359.81	0	48.836506	-86.920641	56117.21	56251	-0.97	56116.24	56093.49219	56133.14960	56101.10938	505823.5	5409284.3
L5820.0	505823.5	5409284.3	9268.20020	357.07	0	48.836506	-86.920641	56116.88	56251	-0.97	56115.91	56093.17578	56132.41360	56100.41406	505823.5	5409284.3
L5820.0	505823.5	5409282.4	9268.29981	355.48	0	48.836489	-86.920641	56116.63	56251	-0.97	56115.66	56092.94141	56134.18611	56102.22656	505823.5	5409282.4
L5820.0	505823.5	5409280.7	9268.40039	357.49	0	48.836474	-86.920642	56116.13	56251	-0.97	56115.16	56092.45703	56129.68664	56097.76563	505823.5	5409280.7
L5820.0	505823.5	5409280.7	9268.50000	357.07	0	48.836474	-86.920642	56115.96	56251	-0.96	56115.00	56092.31250	56134.62857	56102.74609	505823.5	5409280.7
L5820.0	505823.4	5409278.8	9268.59961	357.60	0	48.836457	-86.920642	56115.29	56251	-0.96	56114.32	56091.64453	56126.12099	56094.27734	505823.4	5409278.8
L5820.0	505823.4	5409277.1	9268.70020	358.12	0	48.836442	-86.920642	56115.14	56251	-0.96	56114.17	56091.51172	56132.12429	56100.31641	505823.4	5409277.1
L5820.0	505823.4	5409277.1	9268.79981	358.76	0	48.836442	-86.920642	56114.54	56251	-0.96	56113.58	56090.93359	56126.81908	56095.04688	505823.4	5409277.1
L5820.0	505823.4	5409275.5	9268.90039	358.54	0	48.836427	-86.920642	56114.42	56251	-0.96	56113.46	56090.82813	56134.43854	56102.70703	505823.4	5409275.5
L5820.0	505823.4	5409273.7	9269.00000	359.51	0	48.836411	-86.920643	56113.88	56251	-0.96	56112.92	56090.30078	56131.29332	56099.59766	505823.4	5409273.7
L5820.0	505823.4	5409272.4	9269.09961	361.49	0	48.836400	-86.920643	56113.51	56251	-0.96	56112.55	56089.94531	56133.09713	56101.44141	505823.4	5409272.4
L5820.0	505823.4	5409272.4	9269.20020	361.93	0	48.836400	-86.920643	56113.13	56251	-0.96	56112.18	56089.58984	56135.32976	56103.71094	505823.4	5409272.4
L5820.0	505823.4	5409270.6	9269.29981	362.80	0	48.836383	-86.920643	56112.58	56251	-0.96	56111.62	56089.04297	56132.93858	56101.35547	505823.4	5409270.6
L5820.0	505823.4	5409270.6	9269.40039	361.42	0	48.836383	-86.920643	56112.25	56251	-0.96	56111.29	56088.72266	56137.11141	56105.57031	505823.4	5409270.6
L5820.0	505823.3	5409268.6	9269.50000	361.65	0	48.836365	-86.920643	56111.81	56251	-0.96	56110.86	56088.30859	56139.06838	56107.56641	505823.3	5409268.6
L5820.0	505823.3	5409268.6	9269.59961	363.04	0	48.836365	-86.920643	56111.42	56251	-0.95	56110.47	56087.92969	56142.54277	56111.07813	505823.3	5409268.6
L5820.0	505823.3	5409266.8	9269.70020	363.56	0	48.836349	-86.920643	56110.55	56251	-0.95	56109.60	56087.07422	56133.69627	56102.27344	505823.3	5409266.8
L5820.0	505823.3	5409265.4	9269.79981	358.68	0	48.836336	-86.920644	56109.99	56251	-0.95	56109.04	56086.52734	56133.56755	56102.18359	505823.3	5409265.4
L5820.0	505823.3	5409264.0	9269.79981	358.68	0	48.836324	-86.920644	56109.02	56251	-0.95	56108.06	56085.55859	56122.72735	56091.38672	505823.3	5409264.0
L5820.0	505823.3	5409264.0	9270.00000	361.50	0	48.836324	-86.920644	56108.56	56250.9	-0.95	56107.61	56085.12109	56126.47411	56095.17578	505823.3	5409264.0
L5820.0	505823.3	5409262.3	9270.09961	360.32	0	48.836309	-86.920644	56107.81	56251	-0.95	56106.85	56084.37500	56122.44993	56091.19531	505823.3	5409262.3
L5820.0	505823.3	5409260.9	9270.20020	360.79	0	48.836296	-86.920644	56107.34	56251	-0.96	56106.38	56083.91406	56126.63493	56095.42578	505823.3	5409260.9
L5820.0	505823.3	5409260.9	9270.29981	360.59	0	48.836296	-86.920644	56106.74	56251	-0.96	56105.78	56083.32813	56127.85303	56096.68750	505823.3	5409260.9
L5820.0	505823.3	5409259.4	9270.40039	359.91	0	48.836283	-86.920644	56106.16	56251	-0.97	56105.19	56082.75000	56129.83734	56098.71875	505823.3	5409259.4
L5820.0	505823.3	5409258.0	9270.50000	359.69	0	48.836270	-86.920644	56105.46	56251	-0.97	56104.50	56082.07422	56129.66499	56098.59766	505823.3	5409258.0
L5820.0	505823.3	5409256.3	9270.59961	350.64	0	48.836255	-86.920644	56104.58	56251	-0.97	56103.60	56081.18750	56124.41297	56093.39453	505823.3	5409256.3
L5820.0	505823.3	5409256.3	9270.70020	350.65	0	48.836255	-86.920644	56103.93	56251	-0.98	56102.95	56080.55078	56126.33364	56095.36328	505823.3	5409256.3
L5820.0	505823.3	5409254.7	9270.79981	361.13	0	48.836240	-86.920644	56102.86	56251	-0.98	56101.88	56079.49219	56117.59449	56086.67969	505823.3	5409254.7
L5820.0	505823.3	5409253.2	9270.90039	358.87	0	48.836227	-86.920645	56102.28	56251	-0.99	56101.29	56078.91406	56122.16198	56091.30078	505823.3	5409253.2
L5820.0	505823.2	5409251.8	9271.00000	358.71	0	48.836214	-86.920645	56101.24	56251	-0.99	56100.25	56077.88672	56115.28108	56084.47656	505823.2	5409251.8
L5820.0	505823.2	5409251.8	9271.09961	358.21	0	48.836214	-86.920645	56100.46	56251	-0.99	56099.48	56077.13281	56116.12559	56085.37500	505823.2	5409251.8
L5820.0	505823.2	5409250.4	9271.20020	359.81	0	48.836201	-86.920645	56099.56	56251	-0.98	56098.58	56076.24609	56114.05056	56083.35938	505823.2	5409250.4
L5820.0	505823.2	5409248.6	9271.29981	361.92	0	48.836186	-86.920645	56098.71	56251	-0.98	56097.74	56075.41797	56114.11872	56083.48828	505823.2	5409248.6
L5820.0	505823.2	5409247.1	9271.40039	360.55	0	48.836172	-86.920645	56097.86	56251	-0.97	56096.89	56074.58203	56114.47040	56083.90234	505823.2	5409247.1
L5820.0	505823.2	5409247.1	9271.50000	359.87	0	48.836172	-86.920645	56096.69	56251	-0.97	56095.72	56073.42578	56106.85588	56076.35156	505823.2	5409247.1
L5820.0	505823.2	5409245.6	9271.59961	359.55	0	48.836159	-86.920645	56095.90	56251	-0.97	56094.94	56072.66016	56110.18124	56079.74219	505823.2	5409245.6
L5820.0	505823.2	5409245.6	9271.70020	362.03	0	48.836159	-86.920645	56094.67	56251	-0.96	56093.71	56071.44531	56102.08551	56071.71484	505823.2	5409245.6
L5820.0	505823.2	5409243.7	9271.79981	363.32	0	48.836141	-86.920645	56094.09	56251	-0.96	56093.13	56070.87891	56111.85721	56081.55469	505823.2	5409243.7
L5820.0	505823.2	5409242.3	9271.79981	363.32	0	48.836129	-86.920645	56092.85	56251	-0.96	56091.89	56069.65625	56104.62139	56074.39063	505823.2	5409242.3
L5820.0	505823.3	5409240.2	9272.00000	365.02	0	48.836110	-86.920645	56091.94	56250.9	-0.95	56090.99	56068.76953	56107.00329	56076.84375	505823.3	5409240.2
L5820.0	505823.3	5409240.2	9272.09961	364.42	0	48.836110	-86.920645	56090.80	56251	-0.95	56089.84	56067.63672	56103.29601	56073.21094	505823.3	5409240.2
L5820.0	505823.3	5409238.6	9272.20020	364.74	0	48.836096	-86.920645	56089.88	56251	-0.96	56088.93	56066.74219	56106.54568	56076.53516	505823.3	5409238.6
L5820.0	505823.3	5409238.6	9272.29981	363.46	0	48.836096	-86.920645	56088.52	56251	-0.96	56087.56	56065.38672	56098.11571	56068.18359	505823.3	5409238.6
L5820.0	505823.3	5409236.6	9272.40039	362.90	0	48.836078	-86.920645	56087.32	56251	-0.96	56086.35	56064.19141	56094.51212	56064.66016	505823.3	5409236.6
L5820.0	505823.3	5409235.3	9272.50000	365.54	0	48.836065	-86.920645	56086.20	56251	-0.96	56085.23	56063.08984	56093.86999	56064.10156	505823.3	5409235.3
L5820.0	505823.3	5409233.7	9272.59961	365.18	0	48.836052	-86.920645	56085.11	56251	-0.97	56084.14	56062.01563	56094.58996	56064.90625	505823.3	5409233.7
L5820.0	505823.3	5409233.7	9272.70020	364.16	0	48.836052	-86.920645	56084.07	56251	-0.97	56083.10	56060.99219	56097.20188	56067.60156	505823.3	5409233.7
L5820.0	505823.3	5409231.7	9272.79981	362.04	0	48.836033	-86.920644	56082.96	56251	-0.97	56081.98	56059.89063	56098.24129	56068.72656	505823.3	5409231.7
L5820.0	505823.3	5409231.7	9272.90039	361.25	0	48.836033	-86.920644	56081.79	56251	-0.98	56080.81	56058.73828	56098.50281	56069.07422	505823.3	5409231.7
L5820.0	505823.3	5409230.2	9273.00000	363.30	0	48.836020	-86.920644	56080.36	56251	-0.98	56079.38	56057.32422	56092.39053	56063.05469	505823.3	5409230.2
L5820.0	505823.3	5409230.2	9273.09961	362.53	0	48.836020	-86.920644	56078.86	56251	-0.98	56077.88	56055.84375	56084.95722	56055.71094	505823.3	5409230.2
L5820.0	505823.3	5409228.6	9273.20020	361.22	0	48.836005	-86.920644	56077.65	56251	-0.98	56076.67	56054.65234	56085.78083	56056.62500	505823.3	5409228.6
L5820.0	505823.3	5409226.9	9273.29981	361.47	0	48.835991	-86.920644	56076.33	56251	-0.98	56075.35	56053.34766	56084.20442	56055.14063	505823.3	5409226.9
L5820.0	505823.3	5409225.7	9273.40039	358.94	0	48.835979	-86.920645	56074.99	56251	-0.98	56074.01	56052.02734	56082.61577	56053.64844	505823.3	5409225.7
L5820.0	505823.3	5409224.5	9273.50000	357.00	0	48.835969	-86.920645	56073.29	56251	-0.98	56072.32	56050.35547	56072.21979	56043.34766	505823.3	5409224.5
L5820.0	505823.3	5409224.5	9273.59961	357.15	0	48.835969	-86.920645	56071.90	56251	-0.97	56070.93	56048.98828	56070.31161	56041.53516	505823.3	5409224.5
L5820.0	505823.3	5409222.7	9273.70020	357.02	0	48.835952	-86.920645	56070.54	56251	-0.97	56069.57	56047.64453	56069.69162	56041.01172	505823.3	5409222.7
L5820.0	505823.3	5409221.6	9273.79981	357.77	0	48.835943	-86.920645	56069.47	56251	-0.97	56068.50	56046.59375	56077.26977	56048.68750	505823.3	5409221.6
L5820.0	505823.3	5409219.7	9273.79981	357.77	0	48.835925	-86.920645	56068.08	56251	-0.97	56067.11	56045.22656	56076.79240	56048.31250	505823.3	5409219.7
L5820.0	505823.3	5409219.7	9274.00000	360.07	0	48.835925	-86.920645	56066.52	56251	-0.97	56065.55	56043.68750	56072.23880	56043.85938	505823.3	5409219.7
L5820.0	505823.3	5409218.2	9274.09961	361.38	0	48.835912	-86.920645	56064.80	56251	-0.97	56063.83	56041.98828	56063.85991	56035.57813	505823.3	5409218.2
L5820.0	505823.3	5409216.8	9274.20020	359.05	0	48.835900	-86.920645	56063.22	56251	-0.97	56062.25	56040.42578	56059.62646	56031.44531	505823.3	5409216.8
L5820.0	505823.3	5409215.1	9274.29981	357.75	0	48.835884	-86.920645	56061.74	56251	-0.97	56060.77	56038.96875	56058.45605	56030.37500	505823.3	5409215.1
L5820.0	505823.3	5409215.1	9274.40039	359.21	0	48.835884	-86.920645	56060.02	56251	-0.97	56059.05	56037.26953	56051.27814	56023.29688	505823.3	5409215.1
L5820.0	505823.3	5409213.3	9274.50000	359.99	0	48.835868	-86.920644	56058.60	56251	-0.96	56057.63	56035.87109	56052.44989	56024.57031	505823.3	5409213.3
L5820.0	505823.3	5409211.8	9274.59961	360.15	0	48.835855	-86.920644	56057.00	56251	-0.96	56056.04	56034.30078	56049.43749	56021.65625	505823.3	5409211.8
L5820.0	505823.3	5409210.1	9274.70020	361.43	0	48.835840	-86.920644	56055.72	56251	-0.96	56054.76	56033.04297	56054.99851	56027.31641	505823.3	5409210.1
L5820.0	505823.3	5409210.1	9274.79981	362.15	0	48.835840	-86.920644	56053.74	56251	-0.96	56052.78	56031.08594	56042.22019	56014.63672	505823.3	5409210.1
L5820.0	505823.3	5409210.1	9274.90039	362.22	0	48.835840	-86.920644	56052.13	56251	-0.96	56051.16	56029.48438	56039.29963	56011.81641	505823.3	5409210.1
L5820.0	505823.4	5409208.5	9275.00000	360.48	0	48.835825	-86.920644	56050.43	56251	-0.96	56049.47	56027.81641	56034.76362	56007.37891	505823.4	5409208.5
L5820.0	505823.4	5409207.0	9275.09961	360.55	0	48.835812	-86.920644	56048.73	56251	-0.96	56047.77	56026.14063	56030.18347	56002.89453	505823.4	5409207.0
L5820.0	505823.4	5409207.0	9275.20020	360.87	0	48.835812	-86.920644	56046.94	56251	-0.96	56045.97	56024.36328	56023.13588	55995.94141	505823.4	5409207.0
L5820.0	505823.4	5409205.4	9275.29981	361.63	0	48.835797	-86.920644	56045.19	56251	-0.97	56044.22	56022.63281	56017.58619	55990.48438	505823.4	5409205.4
L5820.0	505823.4	5409204.1	9275.40039	361.90	0	48.835786	-86.920643	56043.40	56251	-0.97	56042.43	56020.86719	56011.10903	55984.10156	505823.4	5409204.1
L5820.0	505823.4	5409202.7	9275.50000	361.15	0	48.835772	-86.920643	56041.22	56251	-0.97	56040.25	56018.70703	55994.35589	55967.44141	505823.4	5409202.7
L5820.0	505823.4	5409201.0	9275.59961	362.66	0	48.835758	-86.920643	56039.73	56251	-0.97	56038.75	56017.23047	55995.78286	55968.95703	505823.4	5409201.0
L5820.0	505823.4	5409201.0	9275.70020	361.06	0	48.835758	-86.920643	56037.81	56251	-0.97	56036.83	56015.33203	55986.07175	55959.33203	505823.4	5409201.0
L5820.0	505823.4	5409199.9	9275.79981	362.72	0	48.835747	-86.920643	56036.29	56251	-0.98	56035.31	56013.83203	55987.02087	55960.36719	505823.4	5409199.9
L5820.0	505823.4	5409198.4	9275.79981	362.72	0	48.835734	-86.920643	56033.94	56251	-0.98	56032.96	56011.50391	55965.84915	55939.27734	505823.4	5409198.4
L5820.0	505823.4	5409196.7	9276.00000	360.94	0	48.835718	-86.920643	56032.16	56251	-0.98	56031.18	56009.74609	55959.79488	55933.30469	505823.4	5409196.7
L5820.0	505823.4	5409196.7	9276.09961	363.64	0	48.835718	-86.920643	56030.40	56251	-0.98	56029.42	56008.00781	55954.17939	55927.76953	505823.4	5409196.7
L5820.0	505823.4	5409194.7	9276.20020	363.37	0	48.835701	-86.920643	56029.13	56251	-0.98	56028.15	56006.75781	55961.47940	55935.14063	505823.4	5409194.7
L5820.0	505823.4	5409192.9	9276.29981	360.98	0	48.835685	-86.920643	56027.44	56251	-0.98	56026.46	56005.08984	55957.43022	55931.16406	505823.4	5409192.9

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5820.0	505823.4	5409192.9	9276.40039	357.57	0	48.835685	-86.920643	56025.48	56251	-0.98	56024.50	56003.15234	55945.98758	55919.79297	505823.4	5409192.9
L5820.0	505823.4	5409191.5	9276.50000	355.93	0	48.835672	-86.920643	56023.59	56251	-0.98	56022.61	56001.28125	55936.16507	55910.03516	505823.4	5409191.5
L5820.0	505823.4	5409190.1	9276.59961	357.75	0	48.835659	-86.920643	56021.74	56251	-0.98	56020.76	55999.45313	55927.12493	55901.05859	505823.4	5409190.1
L5820.0	505823.4	5409190.1	9276.70020	357.43	0	48.835659	-86.920643	56020.23	56251	-0.98	56019.25	55997.96094	55926.81469	55900.80469	505823.4	5409190.1
L5820.0	505823.4	5409188.2	9276.79981	359.36	0	48.835642	-86.920643	56018.25	56251	-0.98	56017.27	55996.00391	55913.62916	55887.67578	505823.4	5409188.2
L5820.0	505823.4	5409186.5	9276.90039	361.80	0	48.835627	-86.920644	56016.64	56251	-0.98	56015.66	55994.41016	55909.89176	55883.98828	505823.4	5409186.5
L5820.0	505823.4	5409184.8	9277.00000	364.18	0	48.835611	-86.920644	56014.89	56251	-0.98	56013.91	55992.67969	55901.98363	55876.12891	505823.4	5409184.8
L5820.0	505823.4	5409184.8	9277.09961	364.78	0	48.835611	-86.920644	56013.24	56251	-0.98	56012.26	55991.05078	55896.25335	55870.44141	505823.4	5409184.8
L5820.0	505823.4	5409183.4	9277.20020	364.57	0	48.835599	-86.920644	56011.47	56251	-0.98	56010.49	55989.29688	55886.80243	55861.02734	505823.4	5409183.4
L5820.0	505823.4	5409183.4	9277.29981	364.87	0	48.835599	-86.920644	56009.65	56251	-0.98	56008.67	55987.49609	55875.45304	55849.71094	505823.4	5409183.4
L5820.0	505823.4	5409181.2	9277.40039	364.84	0	48.835579	-86.920644	56007.91	56251	-0.98	56006.93	55985.77344	55865.62471	55839.91406	505823.4	5409181.2
L5820.0	505823.4	5409180.0	9277.50000	364.18	0	48.835569	-86.920644	56006.09	56251	-0.99	56005.10	55983.96094	55852.74983	55827.06250	505823.4	5409180.0
L5820.0	505823.4	5409178.6	9277.59961	360.71	0	48.835556	-86.920644	56004.74	56251	-0.99	56003.76	55982.63672	55852.22861	55826.56250	505823.4	5409178.6
L5820.0	505823.4	5409178.6	9277.70020	361.05	0	48.835556	-86.920644	56003.20	56251	-0.99	56002.22	55981.11328	55845.64930	55819.99609	505823.4	5409178.6
L5820.0	505823.4	5409176.6	9277.79981	360.94	0	48.835538	-86.920644	56001.86	56251	-0.99	56000.87	55979.77734	55843.35391	55817.71094	505823.4	5409176.6
L5820.0	505823.4	5409175.5	9277.79981	360.94	0	48.835528	-86.920644	56000.34	56251	-0.99	55999.36	55978.28125	55835.98321	55810.34375	505823.4	5409175.5
L5820.0	505823.4	5409175.5	9278.00000	360.82	0	48.835528	-86.920644	55998.95	56251	-0.99	55997.96	55976.89453	55830.68496	55805.04688	505823.4	5409175.5
L5820.0	505823.4	5409173.8	9278.09961	360.76	0	48.835513	-86.920644	55997.31	56251	-0.99	55996.32	55975.26953	55818.10067	55792.45313	505823.4	5409173.8
L5820.0	505823.4	5409172.2	9278.20020	360.71	0	48.835498	-86.920644	55995.87	56251	-0.98	55994.89	55973.85156	55810.17125	55784.51172	505823.4	5409172.2
L5820.0	505823.4	5409172.2	9278.29981	362.49	0	48.835498	-86.920644	55994.61	56251	-0.98	55993.63	55972.60547	55805.79259	55780.11328	505823.4	5409172.2
L5820.0	505823.3	5409170.4	9278.40039	361.27	0	48.835482	-86.920645	55993.32	56251	-0.97	55992.34	55971.32422	55799.60138	55773.89844	505823.3	5409170.4
L5820.0	505823.3	5409168.8	9278.50000	358.43	0	48.835468	-86.920645	55991.97	56251	-0.97	55991.00	55969.99609	55791.02732	55765.29688	505823.3	5409168.8
L5820.0	505823.3	5409168.8	9278.59961	357.91	0	48.835468	-86.920645	55990.71	56251	-0.97	55989.74	55968.74609	55783.49437	55757.72656	505823.3	5409168.8
L5820.0	505823.3	5409166.9	9278.70020	360.04	0	48.835451	-86.920645	55989.46	56251	-0.96	55988.50	55967.51563	55775.36888	55749.55859	505823.3	5409166.9
L5820.0	505823.3	5409165.0	9278.79981	359.15	0	48.835434	-86.920645	55988.13	56251	-0.96	55987.17	55966.19141	55763.68689	55737.82422	505823.3	5409165.0
L5820.0	505823.4	5409165.0	9278.90039	358.39	0	48.835434	-86.920645	55987.22	56251	-0.95	55986.26	55965.28906	55761.99211	55736.07813	505823.3	5409165.0
L5820.0	505823.3	5409163.3	9279.00000	360.18	0	48.835418	-86.920645	55986.11	56250.9	-0.95	55985.16	55964.19531	55754.01077	55728.03516	505823.3	5409163.3
L5820.0	505823.3	5409162.0	9279.09961	358.28	0	48.835406	-86.920645	55985.14	56250.9	-0.95	55984.20	55963.24219	55748.49645	55722.45313	505823.3	5409162.0
L5820.0	505823.3	5409162.0	9279.20020	359.39	0	48.835406	-86.920645	55983.98	56250.9	-0.95	55983.03	55962.07422	55736.09982	55709.98438	505823.3	5409162.0
L5820.0	505823.3	5409160.6	9279.29981	358.75	0	48.835394	-86.920645	55983.14	56250.9	-0.95	55982.20	55961.25000	55731.43405	55705.23438	505823.3	5409160.6
L5820.0	505823.3	5409158.9	9279.40039	360.44	0	48.835379	-86.920645	55982.41	56250.9	-0.95	55981.46	55960.51172	55727.81468	55701.53125	505823.3	5409158.9
L5820.0	505823.3	5409158.9	9279.50000	360.79	0	48.835379	-86.920645	55981.47	56250.9	-0.94	55980.53	55959.58203	55717.75988	55691.38672	505823.3	5409158.9
L5820.0	505823.3	5409157.6	9279.59961	360.29	0	48.835367	-86.920645	55980.94	56250.9	-0.94	55980.00	55959.05469	55716.95179	55690.47656	505823.3	5409157.6
L5820.0	505823.3	5409155.8	9279.70020	362.56	0	48.835351	-86.920646	55980.31	56250.9	-0.94	55979.37	55958.42578	55712.05420	55685.47266	505823.3	5409155.8
L5820.0	505823.3	5409154.5	9279.79981	362.01	0	48.835339	-86.920646	55979.86	56250.9	-0.94	55978.92	55957.97266	55710.49887	55683.80469	505823.3	5409154.5
L5820.0	505823.3	5409154.5	9279.79981	362.01	0	48.835339	-86.920646	55979.18	56250.9	-0.94	55978.23	55957.28125	55701.08251	55674.26953	505823.3	5409154.5
L5820.0	505823.3	5409152.8	9280.00000	361.12	0	48.835324	-86.920646	55979.13	56250.9	-0.94	55978.18	55957.22656	55707.21416	55680.27734	505823.3	5409152.8
L5820.0	505823.3	5409151.5	9280.09961	360.79	0	48.835312	-86.920646	55978.56	56250.9	-0.94	55977.62	55956.66406	55698.25846	55671.18750	505823.3	5409151.5
L5820.0	505823.3	5409149.7	9280.20020	364.66	0	48.835296	-86.920646	55978.52	56250.9	-0.95	55977.57	55956.60547	55701.35503	55674.14453	505823.3	5409149.7
L5820.0	505823.3	5409149.7	9280.29981	365.85	0	48.835296	-86.920646	55978.04	56250.9	-0.95	55977.09	55956.12109	55691.46282	55664.10547	505823.3	5409149.7
L5820.0	505823.3	5409147.9	9280.40039	364.26	0	48.835279	-86.920646	55977.71	56251	-0.95	55976.75	55955.77344	55683.74417	55656.23828	505823.3	5409147.9
L5820.0	505823.3	5409146.2	9280.50000	365.19	0	48.835264	-86.920646	55977.48	56251	-0.96	55976.52	55955.53516	55677.38899	55649.72656	505823.3	5409146.2
L5820.0	505823.3	5409146.2	9280.59961	363.50	0	48.835264	-86.920646	55977.43	56251	-0.96	55976.47	55955.47266	55674.25131	55646.42578	505823.3	5409146.2
L5820.0	505823.3	5409144.4	9280.70020	363.37	0	48.835248	-86.920646	55977.88	56251	-0.96	55976.92	55955.91406	55682.84281	55654.84375	505823.3	5409144.4
L5820.0	505823.3	5409143.1	9280.79981	362.59	0	48.835236	-86.920646	55978.14	56251	-0.96	55977.17	55956.15234	55684.52086	55656.34375	505823.3	5409143.1
L5820.0	505823.3	5409143.1	9280.90039	361.64	0	48.835236	-86.920646	55978.24	56251	-0.97	55977.27	55956.23828	55680.61235	55652.25391	505823.3	5409143.1
L5820.0	505823.3	5409141.4	9281.00000	363.70	0	48.835222	-86.920646	55978.52	56251	-0.97	55977.55	55956.50391	55679.90057	55651.35547	505823.3	5409141.4
L5820.0	505823.3	5409140.2	9281.09961	363.85	0	48.835210	-86.920646	55979.45	56251	-0.97	55978.49	55957.42578	55695.16418	55666.42578	505823.3	5409140.2
L5820.0	505823.3	5409140.2	9281.20020	363.94	0	48.835210	-86.920646	55980.04	56251	-0.96	55979.08	55958.00000	55699.51438	55670.57422	505823.3	5409140.2
L5820.0	505823.3	5409138.1	9281.29981	360.83	0	48.835192	-86.920645	55980.39	56251	-0.96	55979.43	55958.33203	55695.88266	55666.73438	505823.3	5409138.1
L5820.0	505823.3	5409136.5	9281.40039	360.37	0	48.835177	-86.920645	55980.87	56250.9	-0.95	55979.92	55958.80078	55694.39065	55665.03125	505823.3	5409136.5
L5820.0	505823.3	5409134.9	9281.50000	363.61	0	48.835162	-86.920645	55981.30	56250.9	-0.94	55980.35	55959.21094	55689.72006	55660.14453	505823.3	5409134.9
L5820.0	505823.3	5409134.9	9281.59961	361.69	0	48.835162	-86.920645	55982.06	56250.9	-0.94	55981.12	55959.96094	55692.52851	55662.73047	505823.3	5409134.9
L5820.0	505823.3	5409133.4	9281.70020	357.73	0	48.835150	-86.920645	55982.89	56250.9	-0.93	55981.96	55960.77734	55695.63751	55665.61328	505823.3	5409133.4
L5820.0	505823.3	5409133.4	9281.79981	357.98	0	48.835150	-86.920645	55983.90	56250.9	-0.93	55982.97	55961.76563	55701.72103	55671.46094	505823.3	5409133.4
L5820.0	505823.4	5409131.5	9281.79981	357.98	0	48.835132	-86.920645	55984.76	56250.9	-0.93	55983.83	55962.59766	55702.27276	55671.77734	505823.4	5409131.5
L5820.0	505823.4	5409129.9	9282.00000	356.03	0	48.835118	-86.920645	55986.06	56250.9	-0.92	55985.14	55963.88281	55713.28180	55682.54297	505823.4	5409129.9
L5820.0	505823.4	5409128.1	9282.09961	355.49	0	48.835102	-86.920645	55987.09	56250.9	-0.92	55986.16	55964.87500	55715.06317	55684.07813	505823.4	5409128.1
L5820.0	505823.4	5409128.1	9282.20020	356.09	0	48.835102	-86.920645	55988.48	56250.9	-0.92	55987.55	55966.23438	55725.20656	55693.96875	505823.4	5409128.1
L5820.0	505823.4	5409126.6	9282.29981	355.67	0	48.835088	-86.920644	55989.70	56250.9	-0.93	55988.77	55967.42578	55729.35480	55697.85938	505823.4	5409126.6
L5820.0	505823.4	5409126.6	9282.40039	355.52	0	48.835088	-86.920644	55990.88	56250.9	-0.93	55989.96	55968.58594	55731.25629	55699.50000	505823.4	5409126.6
L5820.0	505823.4	5409124.5	9282.50000	353.12	0	48.835069	-86.920644	55992.48	56250.9	-0.93	55991.55	55970.14453	55742.38172	55710.36328	505823.4	5409124.5
L5820.0	505823.4	5409123.1	9282.59961	354.13	0	48.835057	-86.920644	55993.79	56250.9	-0.93	55992.86	55971.41797	55744.65091	55712.36328	505823.4	5409123.1
L5820.0	505823.4	5409121.9	9282.70020	356.42	0	48.835046	-86.920644	55995.24	56250.9	-0.93	55994.30	55972.82422	55749.00480	55716.44531	505823.4	5409121.9
L5820.0	505823.4	5409121.9	9282.79981	357.24	0	48.835046	-86.920644	55996.83	56250.9	-0.94	55995.89	55974.37891	55756.00236	55723.16797	505823.4	5409121.9
L5820.0	505823.4	5409120.5	9282.90039	355.14	0	48.835034	-86.920644	55998.50	56250.9	-0.94	55997.56	55976.01172	55763.80769	55730.69141	505823.4	5409120.5
L5820.0	505823.4	5409118.9	9283.00000	356.13	0	48.835019	-86.920644	56000.02	56250.9	-0.94	55999.08	55977.49609	55766.32621	55732.92969	505823.4	5409118.9
L5820.0	505823.4	5409117.2	9283.09961	358.30	0	48.835003	-86.920644	56001.61	56250.9	-0.94	56000.67	55979.04688	55769.44513	55735.76563	505823.4	5409117.2
L5820.0	505823.4	5409117.2	9283.20020	358.27	0	48.835003	-86.920644	56003.48	56250.9	-0.94	56002.53	55980.86328	55778.52020	55744.55078	505823.4	5409117.2
L5820.0	505823.4	5409115.9	9283.29981	359.14	0	48.834992	-86.920644	56005.48	56250.9	-0.94	56004.54	55982.83203	55790.38856	55756.12891	505823.4	5409115.9
L5820.0	505823.4	5409114.4	9283.40039	360.22	0	48.834978	-86.920644	56007.63	56250.9	-0.94	56006.68	55984.92969	55804.55066	55770.00000	505823.4	5409114.4
L5820.0	505823.4	5409113.0	9283.50000	361.47	0	48.834965	-86.920644	56009.63	56250.9	-0.94	56008.68	55986.88672	55813.85184	55779.00781	505823.4	5409113.0
L5820.0	505823.4	5409113.0	9283.59961	363.10	0	48.834965	-86.920644	56011.70	56250.9	-0.95	56010.76	55988.92188	55824.18380	55789.04688	505823.4	5409113.0
L5820.0	505823.4	5409111.1	9283.70020	361.85	0	48.834949	-86.920644	56013.47	56250.9	-0.95	56012.53	55990.64844	55825.19854	55789.76172	505823.4	5409111.1
L5820.0	505823.4	5409109.7	9283.79981	363.64	0	48.834936	-86.920644	56015.62	56250.9	-0.95	56014.67	55992.74219	55835.03598	55799.29688	505823.4	5409109.7
L5820.0	505823.4	5409109.7	9283.79981	363.64	0	48.834936	-86.920644	56017.39	56250.9	-0.95	56016.45	55994.47266	55834.29724	55798.26172	505823.4	5409109.7
L5820.0	505823.4	5409107.6	9284.00000	362.38	0	48.834917	-86.920645	56019.39	56250.9	-0.95	56018.44	55996.41406	55838.19472	55801.85938	505823.4	5409107.6
L5820.0	505823.4	5409105.9	9284.09961	362.19	0	48.834902	-86.920645	56021.88	56250.9	-0.95	56020.93	55998.85547	55854.48658	55817.84766	505823.4	5409105.9
L5820.0	505823.4	5409105.9	9284.20020	363.63	0	48.834902	-86.920645	56024.12	56250.9	-0.94	56023.18	56001.05469	55863.50899	55826.56641	505823.4	5409105.9
L5820.0	505823.4	5409103.9	9284.29981	363.37	0	48.834883	-86.920645	56026.50	56250.9	-0.94	56025.56	56003.38281	55875.15066	55837.90625	505823.4	5409103.9
L5820.0	505823.4	5409103.9	9284.40039	362.81	0	48.834883	-86.920645	56028.68	56250.9	-0.94	56027.74	56005.51172	55880.66394	55843.11719	505823.4	5409103.9
L5820.0	505823.4	5409102.4	9284.50000	362.37	0	48.834871	-86.920645	56031.31	56250.9	-0.93	56030.37	56008.08984	55897.39253	55859.54297	505823.4	5409102.4
L5820.0	505823.4	5409100.6	9284.59961	359.21	0	48.834854	-86.920645	56033.38	56250.9	-0.93	56032.45	56010.11328	55898.75115	55860.60156	505823.4	5409100.6
L5820.0	505823.4	5409098.9	9284.70020	360.38	0	48.834838	-86.920645	56036.06	56250.9	-0.93	56035.13	56012.73828	55915.39542	55876.94141	505823.4	5409098.9
L5820.0	505823.4	5409098.9	9284.79981	359.79	0	48.834838	-86.920645	56038.26	56250.9	-0.93	56037.33	56014.88281	55918.61013	55879.85547	505823.4	5409098.9
L5820.0	505823.4	5409097.8	9284.90039	358.59	0	48.834829	-86.920645	56040.77	56250.9	-0.92	56039.84	56017.33594	55929.46621	55890.41406	505823.4	5409097.8
L5820.0	505823.4	5409097.8	9285.00000	357.91	0	48.834829	-86.920645	56043.04	56250.9	-0.92	56042.12	56019.55859	55933.62493	55894.27344	505823.4	5409097.8
L5820.0	505823.3	5409096.3	9285.09961	361.41	0	48.834815	-86.920646	56045.34	56250.9	-0.92	56044.42	56021.80078	55937.78001	55898.13281	505823.3	5409096.3
L5820.0	505823.3	5409094.6	9285.20020	359.75	0	48.834801	-86.920646	56047.54	56250.9	-0.92	56046.63	56023.95313	55939.04038	55899.09766	505823.3	5409094.6
L5820.0	505823.3	5409092.6	9285.29981	360.37	0	48.834782	-86.920646	56050.03	56250.9	-0.92	56049.11	56026.37109	55947.02770	55906.79297	505823.3	5409092.6
L5820.0	505823.3	5409092.6	9285.40039	360.06	0	48.834782	-86.920646	56052.38	56250.9	-0.92	56051.46	56028.66016	55951.12925	55910.60156	505823.3	5409092.6
L5820.0	505823.3	5409090.7	9285.50000	360.49	0	48.834765	-86.920647	56054.93	56250.9	-0.92	56054.01	56031.15234	55960.16712	55919.35156	505823.3	5409090.7
L5820.0	505823.3	5409089.4	9285.59961	361.82	0	48.834754	-86.920647	56057.64	56250.9	-0.91	56056.73	56033.80859	55973.37837	55932.27734	505823.3	5409089.4

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5820.0	505823.3	5409089.4	9285.70020	360.23	0	48.834754	-86.920647	56060.07	56250.9	-0.91	56059.15	56036.16797	55978.28509	55936.90234	505823.3	5409089.4
L5820.0	505823.2	5409087.8	9285.79981	360.87	0	48.834739	-86.920647	56062.52	56250.9	-0.91	56061.61	56038.56250	55983.97391	55942.30859	505823.2	5409087.8
L5820.0	505823.2	5409086.3	9285.79981	360.87	0	48.834726	-86.920647	56064.88	56250.9	-0.91	56063.97	56040.85938	55986.75148	55944.80859	505823.2	5409086.3
L5820.0	505823.2	5409086.3	9286.00000	361.65	0	48.834726	-86.920647	56067.38	56250.9	-0.91	56066.46	56043.28516	55992.77447	55950.55859	505823.2	5409086.3
L5820.0	505823.2	5409084.5	9286.09961	361.88	0	48.834709	-86.920648	56070.03	56250.9	-0.91	56069.11	56045.86719	56002.87413	55960.38672	505823.2	5409084.5
L5820.0	505823.2	5409083.1	9286.20020	362.94	0	48.834696	-86.920648	56072.56	56250.9	-0.91	56071.65	56048.34375	56009.89381	55967.14063	505823.2	5409083.1
L5820.0	505823.2	5409081.8	9286.29981	361.75	0	48.834685	-86.920648	56075.14	56250.9	-0.92	56074.23	56050.85547	56017.85803	55974.83984	505823.2	5409081.8
L5820.0	505823.2	5409081.8	9286.40039	361.98	0	48.834685	-86.920648	56077.70	56250.9	-0.92	56076.78	56053.33984	56024.93326	55981.65625	505823.2	5409081.8
L5820.0	505823.2	5409080.6	9286.50000	362.87	0	48.834674	-86.920648	56080.10	56250.9	-0.92	56079.18	56055.67188	56027.95392	55984.42188	505823.2	5409080.6
L5820.0	505823.2	5409079.0	9286.59961	364.21	0	48.834660	-86.920648	56082.73	56250.9	-0.92	56081.81	56058.23438	56037.06541	55993.28516	505823.2	5409079.0
L5820.0	505823.1	5409077.6	9286.70020	364.62	0	48.834647	-86.920649	56085.43	56250.9	-0.92	56084.51	56060.86328	56048.03543	56004.00781	505823.1	5409077.6
L5820.0	505823.1	5409077.6	9286.79981	365.62	0	48.834647	-86.920649	56087.71	56250.9	-0.93	56086.79	56063.07422	56047.84495	56003.57813	505823.1	5409077.6
L5820.0	505823.1	5409075.4	9286.90039	363.25	0	48.834627	-86.920649	56090.07	56250.9	-0.93	56089.14	56065.35547	56049.56520	56005.05859	505823.1	5409075.4
L5820.0	505823.1	5409075.4	9287.00000	361.26	0	48.834627	-86.920649	56092.52	56250.9	-0.93	56091.59	56067.73438	56054.01958	56009.28125	505823.1	5409075.4
L5820.0	505823.0	5409072.5	9287.09961	360.30	0	48.834601	-86.920650	56094.92	56250.9	-0.93	56094.00	56070.07422	56057.50450	56012.54297	505823.0	5409072.5
L5820.0	505823.0	5409072.5	9287.20020	358.24	0	48.834601	-86.920650	56097.63	56250.9	-0.92	56096.71	56072.71484	56069.09475	56023.91016	505823.0	5409072.5
L5820.0	505823.0	5409071.0	9287.29981	358.90	0	48.834588	-86.920650	56100.18	56250.9	-0.92	56099.27	56075.20313	56076.83147	56031.42969	505823.0	5409071.0
L5820.0	505823.0	5409069.9	9287.40039	358.47	0	48.834578	-86.920651	56102.86	56250.9	-0.91	56101.95	56077.80859	56087.92386	56042.30859	505823.0	5409069.9
L5820.0	505823.0	5409069.9	9287.50000	358.06	0	48.834578	-86.920651	56105.06	56250.9	-0.91	56104.15	56079.93750	56086.41755	56040.59766	505823.0	5409069.9
L5820.0	505823.0	5409068.0	9287.59961	358.68	0	48.834561	-86.920651	56107.36	56250.9	-0.91	56106.46	56082.17578	56088.03936	56042.01953	505823.0	5409068.0
L5820.0	505823.0	5409066.7	9287.70020	357.59	0	48.834549	-86.920651	56109.72	56250.9	-0.90	56108.82	56084.46094	56091.20976	56044.99609	505823.0	5409066.7
L5820.0	505823.0	5409066.7	9287.79981	360.31	0	48.834549	-86.920651	56112.20	56250.9	-0.90	56111.30	56086.86719	56097.80932	56051.40625	505823.0	5409066.7
L5820.0	505822.9	5409064.9	9287.79981	360.31	0	48.834533	-86.920652	56114.40	56250.9	-0.90	56113.50	56088.99219	56097.20455	56050.61719	505822.9	5409064.9
L5820.0	505822.9	5409063.1	9288.00000	362.15	0	48.834517	-86.920652	56116.52	56250.9	-0.89	56115.63	56091.05078	56095.00146	56048.23828	505822.9	5409063.1
L5820.0	505822.9	5409062.1	9288.09961	363.48	0	48.834508	-86.920652	56118.88	56250.9	-0.89	56117.98	56093.32422	56098.93500	56052.00000	505822.9	5409062.1
L5820.0	505822.9	5409062.1	9288.20020	362.28	0	48.834508	-86.920652	56121.13	56250.9	-0.90	56120.23	56095.50000	56100.49879	56053.39844	505822.9	5409062.1
L5820.0	505822.9	5409059.8	9288.29981	360.70	0	48.834487	-86.920652	56123.64	56250.9	-0.90	56122.73	56097.92188	56109.02340	56061.76172	505822.9	5409059.8
L5820.0	505822.9	5409058.1	9288.40039	363.22	0	48.834472	-86.920652	56125.96	56250.9	-0.91	56125.05	56100.16797	56113.07208	56065.65625	505822.9	5409058.1
L5820.0	505822.9	5409058.1	9288.50000	362.91	0	48.834472	-86.920652	56128.31	56250.9	-0.92	56127.40	56102.44141	56118.24634	56070.68359	505822.9	5409058.1
L5820.0	505822.9	5409056.5	9288.59961	362.27	0	48.834457	-86.920652	56130.48	56250.9	-0.92	56129.56	56104.52344	56118.69871	56070.99219	505822.9	5409056.5
L5820.0	505822.9	5409056.5	9288.70020	362.16	0	48.834457	-86.920652	56133.02	56250.9	-0.93	56132.09	56106.97656	56129.34733	56081.50391	505822.9	5409056.5
L5820.0	505823.0	5409054.6	9288.79981	362.20	0	48.834440	-86.920652	56135.34	56250.9	-0.93	56134.41	56109.21875	56134.75860	56086.78516	505823.0	5409054.6
L5820.0	505823.0	5409053.2	9288.90039	362.00	0	48.834428	-86.920651	56137.62	56250.9	-0.94	56136.69	56111.42188	56139.46591	56091.36719	505823.0	5409053.2
L5820.0	505823.0	5409051.2	9289.00000	361.93	0	48.834410	-86.920651	56139.77	56250.9	-0.94	56138.83	56113.48438	56140.81349	56092.59766	505823.0	5409051.2
L5820.0	505823.0	5409050.1	9289.09961	362.47	0	48.834400	-86.920651	56141.75	56250.9	-0.94	56140.81	56115.38672	56138.27479	56089.94531	505823.0	5409050.1
L5820.0	505823.0	5409050.1	9289.20020	360.85	0	48.834400	-86.920651	56143.73	56250.9	-0.93	56142.80	56117.29688	56136.38106	56087.94531	505823.0	5409050.1
L5820.0	505823.0	5409048.4	9289.29981	360.57	0	48.834385	-86.920651	56145.66	56250.9	-0.93	56144.74	56119.16016	56133.53943	56085.00391	505823.0	5409048.4
L5820.0	505823.1	5409047.0	9289.40039	360.21	0	48.834372	-86.920650	56148.02	56250.9	-0.92	56147.10	56121.43750	56142.26699	56093.63281	505823.1	5409047.0
L5820.0	505823.1	5409047.0	9289.50000	359.28	0	48.834372	-86.920650	56150.32	56250.9	-0.92	56149.40	56123.66016	56149.78773	56101.06641	505823.1	5409047.0
L5820.0	505823.1	5409045.9	9289.59961	359.18	0	48.834362	-86.920650	56152.60	56250.9	-0.92	56151.68	56125.85938	56157.16937	56108.36328	505823.1	5409045.9
L5820.0	505823.1	5409044.2	9289.70020	357.96	0	48.834347	-86.920650	56154.62	56250.9	-0.91	56153.71	56127.80859	56158.29075	56109.40625	505823.1	5409044.2
L5820.0	505823.1	5409044.2	9289.79981	357.17	0	48.834347	-86.920650	56156.59	56250.9	-0.91	56155.68	56129.69922	56158.21209	56109.25391	505823.1	5409044.2
L5820.0	505823.1	5409042.4	9289.79981	357.17	0	48.834331	-86.920649	56158.68	56250.9	-0.91	56157.78	56131.71484	56161.99316	56112.96484	505823.1	5409042.4
L5820.0	505823.1	5409042.4	9289.90039	356.08	0	48.834331	-86.920649	56160.44	56250.9	-0.90	56159.53	56133.38281	56156.85543	56107.76563	505823.1	5409042.4
L5820.0	505823.2	5409039.2	9290.00000	357.12	0	48.834302	-86.920649	56162.46	56250.9	-0.90	56161.56	56135.33203	56159.57223	56110.42578	505823.2	5409039.2
L5820.0	505823.2	5409039.2	9290.09961	359.67	0	48.834302	-86.920649	56164.48	56250.9	-0.90	56163.58	56137.26953	56162.42271	56113.22656	505823.2	5409039.2
L5820.0	505823.2	5409037.8	9290.20020	360.32	0	48.834289	-86.920649	56166.86	56250.9	-0.90	56165.95	56139.55859	56174.99105	56125.74609	505823.2	5409037.8
L5820.0	505823.2	5409035.9	9290.29981	359.43	0	48.834272	-86.920649	56168.84	56250.9	-0.91	56167.93	56141.45313	56177.57509	56128.28516	505823.2	5409035.9
L5820.0	505823.2	5409035.9	9290.40039	358.44	0	48.834272	-86.920649	56170.98	56250.9	-0.91	56170.07	56143.51172	56184.81686	56135.48828	505823.2	5409035.9
L5820.0	505823.2	5409034.1	9290.59961	360.64	0	48.834256	-86.920648	56172.71	56250.9	-0.91	56171.80	56145.15625	56181.53965	56132.17969	505823.2	5409034.1
L5820.0	505823.2	5409032.7	9290.70020	359.44	0	48.834243	-86.920648	56174.66	56250.9	-0.91	56173.74	56147.01172	56184.24863	56134.85938	505823.2	5409032.7
L5820.0	505823.2	5409032.7	9290.79981	358.19	0	48.834243	-86.920648	56176.29	56250.9	-0.92	56175.37	56148.55859	56179.09778	56129.68359	505823.2	5409032.7
L5820.0	505823.2	5409031.3	9290.90039	358.49	0	48.834231	-86.920648	56178.38	56250.9	-0.92	56177.46	56150.56250	56186.58541	56137.15234	505823.2	5409031.3
L5820.0	505823.2	5409029.7	9291.00000	360.67	0	48.834217	-86.920649	56180.50	56250.9	-0.92	56179.58	56152.59375	56195.26125	56145.80859	505823.2	5409029.7
L5820.0	505823.2	5409028.2	9291.09961	362.46	0	48.834203	-86.920649	56182.26	56250.9	-0.92	56181.34	56154.26953	56194.73984	56145.27734	505823.2	5409028.2
L5820.0	505823.2	5409028.2	9291.20020	360.69	0	48.834203	-86.920649	56184.08	56250.9	-0.92	56183.16	56156.00391	56196.20073	56146.73047	505823.2	5409028.2
L5820.0	505823.2	5409026.7	9291.29981	363.46	0	48.834189	-86.920649	56186.04	56250.9	-0.92	56185.12	56157.87500	56201.77134	56152.29297	505823.2	5409026.7
L5820.0	505823.2	5409025.3	9291.40039	363.50	0	48.834177	-86.920649	56187.94	56250.9	-0.92	56187.02	56159.68750	56206.12435	56156.64453	505823.2	5409025.3
L5820.0	505823.2	5409025.3	9291.50000	363.66	0	48.834177	-86.920649	56189.97	56250.9	-0.92	56189.06	56161.63672	56214.58185	56165.10156	505823.2	5409025.3
L5820.0	505823.2	5409023.6	9291.59961	363.76	0	48.834162	-86.920649	56191.52	56250.9	-0.91	56190.61	56163.09766	56210.36822	56160.89063	505823.2	5409023.6
L5820.0	505823.2	5409021.5	9291.70020	363.27	0	48.834143	-86.920649	56193.38	56250.9	-0.91	56192.47	56164.87109	56214.77964	56165.30859	505823.2	5409021.5
L5820.0	505823.2	5409021.5	9291.79981	362.59	0	48.834143	-86.920649	56194.98	56250.9	-0.91	56194.06	56166.37109	56212.37163	56162.91016	505823.2	5409021.5
L5820.0	505823.2	5409019.8	9291.79981	362.59	0	48.834127	-86.920649	56196.76	56250.9	-0.91	56195.85	56168.07031	56215.65450	56166.20313	505823.2	5409019.8
L5820.0	505823.2	5409018.2	9292.00000	362.22	0	48.834113	-86.920649	56198.38	56250.9	-0.91	56197.47	56169.59766	56214.77473	56165.33594	505823.2	5409018.2
L5820.0	505823.2	5409018.2	9292.09961	360.82	0	48.834113	-86.920649	56200.18	56250.9	-0.91	56199.26	56171.29688	56218.78158	56169.35938	505823.2	5409018.2
L5820.0	505823.2	5409016.5	9292.20020	358.77	0	48.834098	-86.920649	56201.96	56250.9	-0.91	56201.05	56172.99219	56223.14628	56173.74219	505823.2	5409016.5
L5820.0	505823.2	5409015.3	9292.29981	357.99	0	48.834087	-86.920649	56203.64	56250.9	-0.92	56202.73	56174.58203	56224.93752	56175.55078	505823.2	5409015.3
L5820.0	505823.2	5409013.9	9292.40039	358.57	0	48.834074	-86.920649	56205.38	56250.9	-0.92	56204.46	56176.21875	56228.41238	56179.04688	505823.2	5409013.9
L5820.0	505823.2	5409013.9	9292.50000	358.56	0	48.834074	-86.920649	56207.01	56250.9	-0.92	56206.09	56177.75391	56229.57469	56180.22656	505823.2	5409013.9
L5820.0	505823.2	5409012.1	9292.59961	359.71	0	48.834058	-86.920649	56208.75	56250.9	-0.92	56207.82	56179.38672	56233.74659	56184.42188	505823.2	5409012.1
L5820.0	505823.2	5409010.4	9292.70020	359.02	0	48.834043	-86.920649	56210.14	56250.9	-0.92	56209.21	56180.68359	56229.21115	56179.91016	505823.2	5409010.4
L5820.0	505823.2	5409010.4	9292.79981	357.79	0	48.834043	-86.920649	56211.81	56250.9	-0.93	56210.89	56182.26563	56232.73880	56183.46484	505823.2	5409010.4
L5820.0	505823.2	5409008.7	9292.90039	357.70	0	48.834028	-86.920649	56213.45	56250.9	-0.93	56212.52	56183.80078	56235.27508	56186.02344	505823.2	5409008.7
L5820.0	505823.2	5409007.3	9293.00000	359.50	0	48.834015	-86.920649	56215.23	56250.9	-0.93	56214.30	56185.48047	56242.14238	56192.91406	505823.2	5409007.3
L5820.0	505823.2	5409007.3	9293.09961	359.06	0	48.834015	-86.920649	56216.74	56250.9	-0.93	56215.81	56186.89453	56242.15650	56192.95313	505823.2	5409007.3
L5820.0	505823.2	5409005.7	9293.20020	361.96	0	48.834000	-86.920649	56218.46	56250.9	-0.93	56217.54	56188.52344	56248.36079	56199.18359	505823.2	5409005.7
L5820.0	505823.2	5409004.5	9293.29981	360.53	0	48.833989	-86.920649	56220.06	56250.9	-0.93	56219.13	56190.01563	56251.16861	56202.01563	505823.2	5409004.5
L5820.0	505823.3	5409002.6	9293.40039	361.31	0	48.833972	-86.920648	56221.39	56250.9	-0.93	56220.46	56191.24609	56247.38301	56198.25391	505823.3	5409002.6
L5820.0	505823.3	5409002.6	9293.50000	359.95	0	48.833972	-86.920648	56222.89	56250.9	-0.93	56221.96	56192.64453	56248.45015	56199.34375	505823.3	5409002.6
L5820.0	505823.3	5409001.1	9293.59961	360.08	0	48.833959	-86.920648	56224.39	56250.9	-0.92	56223.46	56194.04297	56249.84204	56200.75781	505823.3	5409001.1
L5820.0	505823.3	5408999.5	9293.70020	361.05	0	48.833945	-86.920648	56225.82	56250.9	-0.92	56224.90	56195.37891	56249.95933	56200.89844	505823.3	5408999.5
L5820.0	505823.3	5408999.5	9293.79981	364.34	0	48.833945	-86.920648	56227.31	56250.9	-0.92	56226.39	56196.76563	56251.72876	56202.68750	505823.3	5408999.5
L5820.0	505823.3	5408998.4	9293.79981	364.34	0	48.833935	-86.920648	56228.96	56250.9	-0.92	56228.04	56198.31250	56258.07713	56209.05469	505823.3	5408998.4
L5820.0	505823.3	5408996.9	9294.00000	359.10	0	48.833921	-86.920647	56230.48	56250.9	-0.92	56229.56	56199.73047	56261.28178	56212.27734	505823.3	5408996.9
L5820.0	505823.4	5408995.4	9294.09961	358.14	0	48.833908	-86.920647	56231.97	56250.9	-0.92	56231.05	56201.11328	56264.00335	56215.01563	505823.4	5408995.4
L5820.0	505823.4	5408995.4	9294.20020	359.91	0	48.833908	-86.920647	56233.31	56250.9	-0.92	56232.39	56202.34766	56263.04530	56214.07422	505823.4	5408995.4
L5820.0	505823.4	5408994.0	9294.29981	364.12	0	48.833895	-86.920647	56234.68	56250.9	-0.92	56233.76	56203.60938	56263.19818	56214.24219	505823.4	5408994.0
L5820.0	505823.4	5408992.2	9294.40039	363.74	0	48.833879	-86.920647	56236.11	56250.9	-0.92	56235.20	56204.94531	56265.52529	56216.57813	505823.4	5408992.2
L5820.0	505823.4	5408992.2	9294.50000	361.28	0	48.833879	-86.920647	56237.66	56250.9	-0.92	56236.75	56206.38672	56271.08993	56222.15234	505823.4	5408992.2
L5820.0	505823.4	5408990.6	9294.59961	361.16	0	48.833864	-86.920646	56239.02	56250.9	-0.91	56238.11	56207.63672	56271.90335	56222.97266	505823.4	5408990.6
L5820.0	505823.4	5408988.8	9294.70020	359.62	0	48.833849	-86.920646	56240.39	56250.9	-0.91	56239.48	56208.89844	56273.28865	56224.36328	505823.4	5408988.8
L5820.0	505823.4	5408986.7	9294.79981	360.55	0	48.833830	-86.920646	56241.69	56250.9	-0.91	56240.78	56210.08594	56273.11430	56224.19141	505823.4	5408986.7
L5820.0	505823.4	5408986.7	9294.90039	360.41	0	48.833830	-86.920646	56242.97	56250.9	-0.91	56242.06	56211.25781	56272.70984	56223.78516	505823.4	5408986.7

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5820.0	505823.5	5408984.8	9295.00000	357.51	0	48.833813	-86.920646	56244.54	56250.9	-0.91	56243.63	56212.71484	56280.32692	56231.39844	505823.5	5408984.8
L5820.0	505823.5	5408983.6	9295.09961	356.32	0	48.833802	-86.920646	56245.91	56250.9	-0.92	56244.99	56213.96484	56282.65205	56233.71875	505823.5	5408983.6
L5820.0	505823.5	5408983.6	9295.20020	356.79	0	48.833802	-86.920646	56247.16	56250.9	-0.92	56246.24	56215.10156	56282.34587	56233.40625	505823.5	5408983.6
L5820.0	505823.5	5408981.8	9295.29981	358.14	0	48.833786	-86.920645	56248.38	56250.9	-0.93	56247.46	56216.20703	56281.53655	56232.58594	505823.5	5408981.8
L5820.0	505823.5	5408980.2	9295.40039	358.54	0	48.833771	-86.920645	56249.74	56250.9	-0.93	56248.81	56217.44531	56284.48208	56235.51953	505823.5	5408980.2
L5820.0	505823.5	5408980.2	9295.50000	358.32	0	48.833771	-86.920645	56251.03	56250.9	-0.93	56250.09	56218.60938	56285.85594	56236.87500	505823.5	5408980.2
L5820.0	505823.5	5408978.4	9295.59961	360.03	0	48.833755	-86.920645	56252.37	56250.9	-0.94	56251.43	56219.83594	56289.11733	56240.11719	505823.5	5408978.4
L5820.0	505823.5	5408976.8	9295.70020	359.21	0	48.833740	-86.920645	56253.49	56250.9	-0.94	56252.54	56220.82813	56286.54350	56237.52344	505823.5	5408976.8
L5820.0	505823.5	5408976.8	9295.79981	358.08	0	48.833740	-86.920645	56254.64	56250.9	-0.95	56253.69	56221.86328	56285.32088	56236.27344	505823.5	5408976.8
L5820.0	505823.5	5408975.3	9295.79981	358.08	0	48.833727	-86.920645	56255.96	56250.9	-0.95	56255.01	56223.06641	56288.90855	56239.83203	505823.5	5408975.3
L5820.0	505823.6	5408973.7	9296.00000	357.89	0	48.833712	-86.920645	56257.11	56251	-0.96	56256.15	56224.08984	56287.98616	56238.87891	505823.6	5408973.7
L5820.0	505823.6	5408973.7	9296.09961	357.94	0	48.833712	-86.920645	56258.36	56251	-0.96	56257.40	56225.22266	56290.27245	56241.13281	505823.6	5408973.7
L5820.0	505823.6	5408972.0	9296.20020	358.99	0	48.833698	-86.920644	56259.59	56251	-0.96	56258.63	56226.33203	56292.30419	56243.12891	505823.6	5408972.0
L5820.0	505823.6	5408970.1	9296.29981	357.30	0	48.833680	-86.920644	56260.87	56251	-0.96	56259.91	56227.49609	56295.94279	56246.72656	505823.6	5408970.1
L5820.0	505823.6	5408970.1	9296.40039	359.49	0	48.833680	-86.920644	56261.72	56251	-0.96	56260.77	56228.23828	56288.67285	56239.41406	505823.6	5408970.1
L5820.0	505823.6	5408968.9	9296.50000	360.82	0	48.833670	-86.920644	56262.75	56251	-0.96	56261.79	56229.13672	56285.93372	56236.62500	505823.6	5408968.9
L5820.0	505823.7	5408967.5	9296.59961	361.13	0	48.833657	-86.920643	56264.32	56251	-0.95	56263.36	56230.58984	56298.10623	56248.75000	505823.7	5408967.5
L5820.0	505823.7	5408965.9	9296.70020	361.49	0	48.833642	-86.920643	56265.24	56251	-0.95	56264.29	56231.39844	56293.50576	56244.09766	505823.7	5408965.9
L5820.0	505823.7	5408964.3	9296.79981	360.69	0	48.833628	-86.920643	56266.54	56251	-0.95	56265.58	56232.57031	56298.75344	56249.29297	505823.7	5408964.3
L5820.0	505823.7	5408964.3	9296.90039	357.90	0	48.833628	-86.920643	56267.44	56251	-0.95	56266.49	56233.35938	56294.14519	56244.62891	505823.7	5408964.3
L5820.0	505823.7	5408964.3	9297.00000	356.47	0	48.833628	-86.920643	56269.00	56250.9	-0.95	56268.05	56234.79688	56307.10074	56257.52344	505823.7	5408964.3
L5820.0	505823.8	5408961.3	9297.09961	355.15	0	48.833601	-86.920642	56270.26	56250.9	-0.95	56269.31	56235.93750	56312.32493	56262.68359	505823.8	5408961.3
L5820.0	505823.8	5408961.3	9297.20020	356.29	0	48.833601	-86.920642	56271.36	56250.9	-0.94	56270.41	56236.91797	56313.54236	56263.83594	505823.8	5408961.3
L5820.0	505823.8	5408959.4	9297.29981	357.23	0	48.833584	-86.920642	56272.52	56250.9	-0.94	56271.58	56237.96484	56316.87371	56267.10156	505823.8	5408959.4
L5820.0	505823.8	5408958.1	9297.40039	359.22	0	48.833573	-86.920642	56273.60	56250.9	-0.94	56272.66	56238.92578	56318.05637	56268.21094	505823.8	5408958.1
L5820.0	505823.8	5408958.1	9297.50000	361.26	0	48.833573	-86.920642	56274.21	56250.9	-0.93	56273.28	56239.42578	56307.23676	56257.32031	505823.8	5408958.1
L5820.0	505823.8	5408956.5	9297.59961	359.51	0	48.833558	-86.920642	56274.92	56250.9	-0.93	56273.99	56240.01563	56299.05503	56249.06250	505823.8	5408956.5
L5820.0	505823.8	5408956.5	9297.70020	359.28	0	48.833558	-86.920642	56276.08	56250.9	-0.93	56275.15	56241.05469	56303.09279	56253.02344	505823.8	5408956.5
L5820.0	505823.8	5408954.7	9297.79981	359.21	0	48.833542	-86.920642	56276.93	56250.9	-0.93	56276.01	56241.79297	56299.37941	56249.23438	505823.8	5408954.7
L5820.0	505823.7	5408953.0	9297.79981	359.21	0	48.833526	-86.920642	56278.12	56250.9	-0.93	56277.20	56242.86328	56304.68486	56254.45703	505823.7	5408953.0
L5820.0	505823.7	5408953.0	9298.00000	357.15	0	48.833526	-86.920642	56279.28	56250.9	-0.92	56278.36	56243.90234	56309.42170	56259.10938	505823.7	5408953.0
L5820.0	505823.7	5408950.1	9298.09961	356.87	0	48.833500	-86.920643	56280.49	56250.9	-0.92	56279.57	56244.99219	56315.71689	56265.32031	505823.7	5408950.1
L5820.0	505823.7	5408950.1	9298.20020	358.48	0	48.833500	-86.920643	56281.76	56250.9	-0.92	56280.83	56246.13281	56323.56751	56273.08594	505823.7	5408950.1
L5820.0	505823.7	5408950.1	9298.29981	358.73	0	48.833500	-86.920643	56282.89	56250.9	-0.93	56281.96	56247.14453	56328.17840	56277.60938	505823.7	5408950.1
L5820.0	505823.7	5408947.9	9298.40039	359.35	0	48.833480	-86.920643	56283.55	56250.9	-0.93	56282.62	56247.68359	56320.49461	56269.83984	505823.7	5408947.9
L5820.0	505823.7	5408946.4	9298.50000	360.93	0	48.833467	-86.920643	56284.52	56250.9	-0.93	56283.59	56248.53516	56321.27974	56270.53125	505823.7	5408946.4
L5820.0	505823.7	5408945.0	9298.59961	362.67	0	48.833454	-86.920643	56285.54	56250.9	-0.93	56284.61	56249.43750	56323.60879	56272.76953	505823.7	5408945.0
L5820.0	505823.7	5408945.0	9298.70020	363.47	0	48.833454	-86.920643	56286.31	56250.9	-0.93	56285.37	56250.08203	56319.22564	56268.29297	505823.7	5408945.0
L5820.0	505823.7	5408943.4	9298.79981	363.46	0	48.833440	-86.920643	56287.51	56250.9	-0.94	56286.57	56251.16406	56326.76409	56275.73828	505823.7	5408943.4
L5820.0	505823.7	5408941.3	9298.90039	364.05	0	48.833421	-86.920643	56288.73	56250.9	-0.94	56287.79	56252.26563	56335.03950	56283.92188	505823.7	5408941.3
L5820.0	505823.7	5408941.3	9299.00000	363.58	0	48.833421	-86.920643	56289.80	56250.9	-0.94	56288.86	56253.22266	56339.52320	56288.30859	505823.7	5408941.3
L5820.0	505823.7	5408939.9	9299.09961	362.95	0	48.833408	-86.920644	56290.42	56250.9	-0.94	56289.48	56253.72656	56332.22552	56280.91406	505823.7	5408939.9
L5820.0	505823.6	5408938.2	9299.20020	361.52	0	48.833393	-86.920644	56290.97	56250.9	-0.94	56290.02	56254.15234	56322.99468	56271.58984	505823.6	5408938.2
L5820.0	505823.6	5408938.2	9299.29981	360.77	0	48.833393	-86.920644	56291.84	56250.9	-0.95	56290.90	56254.91797	56323.01019	56271.50781	505823.6	5408938.2
L5820.0	505823.6	5408936.8	9299.40039	361.54	0	48.833381	-86.920644	56292.69	56250.9	-0.95	56291.74	56255.64844	56322.15269	56270.55469	505823.6	5408936.8
L5820.0	505823.6	5408935.1	9299.50000	361.80	0	48.833365	-86.920645	56293.81	56250.9	-0.95	56292.86	56256.65625	56328.93947	56277.24219	505823.6	5408935.1
L5820.0	505823.6	5408933.3	9299.59961	360.58	0	48.833349	-86.920645	56294.68	56251	-0.95	56293.73	56257.41406	56329.25782	56277.46484	505823.6	5408933.3
L5820.0	505823.6	5408933.3	9299.70020	361.10	0	48.833349	-86.920645	56295.29	56251	-0.95	56294.33	56257.90625	56322.57317	56270.68750	505823.6	5408933.3
L5820.0	505823.6	5408932.0	9299.79981	360.42	0	48.833337	-86.920645	56296.29	56251	-0.96	56295.33	56258.79688	56326.72137	56274.73828	505823.6	5408932.0
L5820.0	505823.6	5408932.0	9299.79981	360.42	0	48.833337	-86.920645	56297.20	56251	-0.96	56296.25	56259.60938	56328.92118	56276.84375	505823.6	5408932.0
L5820.0	505823.6	5408930.2	9300.00000	360.58	0	48.833321	-86.920645	56298.27	56251	-0.96	56297.31	56260.56250	56335.02802	56282.85156	505823.6	5408930.2
L5820.0	505823.5	5408928.8	9300.09961	360.81	0	48.833309	-86.920645	56299.20	56251	-0.96	56298.24	56261.38672	56337.85182	56285.58203	505823.5	5408928.8
L5820.0	505823.5	5408926.9	9300.20020	363.53	0	48.833291	-86.920646	56300.12	56251	-0.96	56299.16	56262.20313	56340.58586	56288.22266	505823.5	5408926.9
L5820.0	505823.5	5408926.9	9300.29981	363.93	0	48.833291	-86.920646	56301.03	56251	-0.95	56300.07	56263.00781	56343.22869	56290.77344	505823.5	5408926.9
L5820.0	505823.5	5408925.2	9300.40039	363.38	0	48.833277	-86.920646	56301.70	56251	-0.95	56300.75	56263.58984	56339.92178	56287.37500	505823.5	5408925.2
L5820.0	505823.5	5408923.5	9300.50000	361.36	0	48.833261	-86.920646	56302.62	56250.9	-0.95	56301.67	56264.40625	56343.17701	56290.53906	505823.5	5408923.5
L5820.0	505823.5	5408923.5	9300.59961	360.81	0	48.833261	-86.920646	56303.58	56250.9	-0.95	56302.63	56265.26953	56347.66857	56294.94141	505823.5	5408923.5
L5820.0	505823.5	5408922.1	9300.70020	360.17	0	48.833249	-86.920646	56304.47	56250.9	-0.95	56303.53	56266.07031	56350.73310	56297.91797	505823.5	5408922.1
L5820.0	505823.5	5408922.1	9300.79981	360.67	0	48.833249	-86.920646	56305.12	56250.9	-0.94	56304.18	56266.62500	56347.31125	56294.41016	505823.5	5408922.1
L5820.0	505823.5	5408920.5	9300.90039	361.04	0	48.833234	-86.920646	56305.96	56250.9	-0.94	56305.01	56267.36328	56348.85044	56295.86328	505823.5	5408920.5
L5820.0	505823.5	5408918.8	9301.00000	361.28	0	48.833219	-86.920646	56306.88	56250.9	-0.94	56305.93	56268.18750	56352.95392	56299.88281	505823.5	5408918.8
L5820.0	505823.5	5408917.1	9301.09961	362.74	0	48.833203	-86.920646	56307.36	56250.9	-0.94	56306.42	56268.58984	56345.77687	56292.62500	505823.5	5408917.1
L5820.0	505823.5	5408915.6	9301.20020	361.05	0	48.833190	-86.920646	56308.28	56250.9	-0.94	56307.34	56269.41797	56350.21523	56296.98438	505823.5	5408915.6
L5820.0	505823.5	5408915.6	9301.29981	362.79	0	48.833190	-86.920646	56308.96	56250.9	-0.94	56308.02	56270.01172	56348.43087	56295.12109	505823.5	5408915.6
L5820.0	505823.5	5408914.0	9301.40039	360.26	0	48.833175	-86.920647	56309.84	56250.9	-0.94	56308.90	56270.80469	56352.13801	56298.75000	505823.5	5408914.0
L5820.0	505823.5	5408912.2	9301.50000	361.78	0	48.833160	-86.920647	56310.45	56250.9	-0.94	56309.51	56271.33203	56348.82345	56295.36328	505823.5	5408912.2
L5820.0	505823.5	5408912.2	9301.59961	362.37	0	48.833160	-86.920647	56311.37	56250.9	-0.94	56310.43	56272.16797	56353.92895	56300.39453	505823.5	5408912.2
L5820.0	505823.4	5408910.5	9301.70020	359.91	0	48.833144	-86.920647	56312.06	56250.9	-0.94	56311.11	56272.76953	56352.81159	56299.21094	505823.4	5408910.5
L5820.0	505823.4	5408910.5	9301.79981	359.11	0	48.833144	-86.920647	56312.83	56250.9	-0.94	56311.89	56273.46875	56354.52364	56300.85547	505823.4	5408910.5
L5820.0	505823.4	5408909.1	9301.79981	359.11	0	48.833132	-86.920647	56313.48	56250.9	-0.94	56312.54	56274.04297	56352.94196	56299.20703	505823.4	5408909.1
L5820.0	505823.4	5408907.7	9302.00000	360.01	0	48.833119	-86.920647	56314.13	56250.9	-0.94	56313.18	56274.60938	56351.26176	56297.46094	505823.4	5408907.7
L5820.0	505823.4	5408906.0	9302.09961	359.50	0	48.833104	-86.920647	56314.86	56250.9	-0.94	56313.92	56275.27734	56352.41210	56298.55078	505823.4	5408906.0
L5820.0	505823.4	5408904.5	9302.20020	360.30	0	48.833090	-86.920648	56315.45	56250.9	-0.94	56314.51	56275.79688	56349.73758	56295.82031	505823.4	5408904.5
L5820.0	505823.4	5408904.5	9302.29981	359.27	0	48.833090	-86.920648	56315.96	56250.9	-0.94	56315.02	56276.23828	56345.10246	56291.12891	505823.4	5408904.5
L5820.0	505823.4	5408902.9	9302.40039	361.13	0	48.833076	-86.920648	56316.32	56250.9	-0.94	56315.38	56276.53125	56336.64372	56282.61719	505823.4	5408902.9
L5820.0	505823.4	5408901.5	9302.50000	361.62	0	48.833063	-86.920648	56316.96	56250.9	-0.93	56316.02	56277.10938	56335.81022	56281.73438	505823.4	5408901.5
L5820.0	505823.4	5408901.5	9302.59961	360.65	0	48.833063	-86.920648	56317.80	56250.9	-0.93	56316.86	56277.88672	56340.47281	56286.34766	505823.4	5408901.5
L5820.0	505823.4	5408900.1	9302.70020	360.20	0	48.833050	-86.920648	56318.64	56250.9	-0.93	56317.71	56278.67578	56345.57376	56291.40234	505823.4	5408900.1
L5820.0	505823.4	5408898.1	9302.79981	359.86	0	48.833033	-86.920648	56319.62	56250.9	-0.93	56318.68	56279.58984	56354.04249	56299.83203	505823.4	5408898.1
L5820.0	505823.4	5408898.1	9302.90039	362.21	0	48.833033	-86.920648	56320.22	56250.9	-0.93	56319.29	56280.14453	56353.10045	56298.84766	505823.4	5408898.1
L5820.0	505823.3	5408896.7	9303.00000	362.38	0	48.833020	-86.920648	56320.84	56250.9	-0.93	56319.91	56280.71094	56352.59923	56298.30859	505823.3	5408896.7
L5820.0	505823.3	5408895.1	9303.09961	363.01	0	48.833005	-86.920648	56321.56	56250.9	-0.93	56320.63	56281.37891	56354.93581	56300.61328	505823.3	5408895.1
L5820.0	505823.3	5408895.1	9303.20020	364.17	0	48.833005	-86.920648	56322.06	56250.9	-0.93	56321.13	56281.83203	56351.59144	56297.23438	505823.3	5408895.1
L5820.0	505823.3	5408893.4	9303.29981	363.75	0	48.832990	-86.920649	56322.57	56250.9	-0.93	56321.64	56282.29688	56348.69039	56294.30859	505823.3	5408893.4
L5820.0	505823.3	5408891.8	9303.40039	363.18	0	48.832976	-86.920649	56323.49	56250.9	-0.93	56322.56	56283.17188	56356.88294	56302.47266	505823.3	5408891.8
L5820.0	505823.3	5408890.4	9303.50000	364.19	0	48.832963	-86.920649	56324.28	56250.9	-0.93	56323.35	56283.92188	56361.79309	56307.35938	505823.3	5408890.4
L5820.0	505823.3	5408890.4	9303.59961	364.18	0	48.832963	-86.920649	56324.87	56250.9	-0.93	56323.94	56284.47266	56361.55794	56307.10156	505823.3	5408890.4
L5820.0	505823.3	5408888.2	9303.70020	363.32	0	48.832943	-86.920649	56325.74	56250.9	-0.93	56324.81	56285.30469	56368.95753	56314.48438	505823.3	5408888.2
L5820.0	505823.3	5408887.0	9303.79981	361.54	0	48.832933	-86.920649	56326.07	56250.9	-0.93	56325.14	56285.60156	56362.16114	56307.67578	505823.3	5408887.0
L5820.0	505823.3	5408887.0	9303.79981	361.54	0	48.832933	-86.920649	56326.78	56250.9	-0.93	56325.85	56286.27734	56365.66313	56311.16406	505823.3	5408887.0
L5820.0	505823.3	5408885.6	9304.00000	358.40	0	48.832920	-86.920649	56327.24	56250.9	-0.93	56326.31	56286.71094	56362.69113	56308.17969	505823.3	5408885.6
L5820.0	505823.3	5408883.9	9304.09961	357.97	0	48.832905	-86.920649	56328.00	56250.9	-0.93	56327.08	56287.45313	56368.15486	56313.63672	505823.3	5408883.9
L5820.0	505823.3	5408883.9	9304.20020	356.22	0	48.832905	-86.920649	56328.46	56250.9	-0.93	56327.54	56287.88672	56365.54803	56311.02734	505823.3	5408883.9

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5820.0	505823.3	5408882.2	9304.29981	355.71	0	48.832889	-86.920650	56329.24	56250.9	-0.93	56328.31	56288.63672	56371.37763	56316.85547	505823.3	5408882.2
L5820.0	505823.2	5408880.5	9304.40039	355.79	0	48.832874	-86.920650	56329.99	56250.9	-0.93	56329.07	56289.37891	56377.12430	56322.60156	505823.2	5408880.5
L5820.0	505823.2	5408878.9	9304.50000	357.54	0	48.832860	-86.920651	56330.76	56250.9	-0.93	56329.84	56290.12891	56383.32063	56328.80078	505823.2	5408878.9
L5820.0	505823.2	5408878.9	9304.59961	358.51	0	48.832860	-86.920651	56331.25	56250.9	-0.92	56330.32	56290.59766	56381.97955	56327.46484	505823.2	5408878.9
L5820.0	505823.2	5408877.2	9304.70020	359.49	0	48.832845	-86.920651	56331.58	56250.9	-0.92	56330.65	56290.91406	56376.82828	56322.32031	505823.2	5408877.2
L5820.0	505823.2	5408877.2	9304.79981	362.31	0	48.832845	-86.920651	56331.98	56250.9	-0.92	56331.06	56291.31641	56373.99006	56319.49609	505823.2	5408877.2
L5820.0	505823.1	5408875.7	9304.90039	365.72	0	48.832831	-86.920652	56332.32	56250.9	-0.92	56331.40	56291.64844	56369.47104	56314.98828	505823.1	5408875.7
L5820.0	505823.1	5408874.3	9305.00000	366.73	0	48.832818	-86.920652	56333.16	56250.9	-0.92	56332.24	56292.48438	56378.44626	56323.97656	505823.1	5408874.3
L5820.0	505823.1	5408872.8	9305.09961	365.10	0	48.832805	-86.920652	56333.64	56250.9	-0.92	56332.73	56292.97266	56378.28505	56323.83594	505823.1	5408872.8
L5820.0	505823.1	5408871.6	9305.20020	363.28	0	48.832794	-86.920653	56334.44	56250.9	-0.92	56333.52	56293.76172	56386.29212	56331.86328	505823.1	5408871.6
L5820.0	505823.1	5408871.6	9305.29981	363.93	0	48.832794	-86.920653	56334.85	56250.9	-0.92	56333.93	56294.17578	56384.36255	56329.95313	505823.1	5408871.6
L5820.0	505823.1	5408869.9	9305.40039	359.88	0	48.832778	-86.920653	56335.54	56250.9	-0.92	56334.62	56294.87109	56390.06703	56335.68359	505823.1	5408869.9
L5820.0	505823.1	5408869.9	9305.50000	358.03	0	48.832778	-86.920653	56336.05	56250.9	-0.92	56335.13	56295.39063	56391.15758	56336.79688	505823.1	5408869.9
L5820.0	505823.0	5408868.5	9305.59961	358.01	0	48.832766	-86.920653	56336.32	56250.9	-0.91	56335.41	56295.67969	56386.30182	56331.96875	505823.0	5408868.5
L5820.0	505823.0	5408866.9	9305.70020	357.10	0	48.832752	-86.920653	56336.61	56250.9	-0.91	56335.70	56295.98438	56381.88806	56327.58594	505823.0	5408866.9
L5820.0	505823.0	5408865.5	9305.79981	357.96	0	48.832739	-86.920654	56336.96	56250.9	-0.91	56336.05	56296.34766	56379.24602	56324.97656	505823.0	5408865.5
L5820.0	505823.0	5408864.1	9305.79981	357.96	0	48.832727	-86.920654	56337.88	56250.9	-0.91	56336.97	56297.28516	56391.95211	56337.71484	505823.0	5408864.1
L5820.0	505823.0	5408864.1	9306.00000	357.22	0	48.832727	-86.920654	56338.46	56250.9	-0.91	56337.55	56297.88672	56395.77708	56341.57422	505823.0	5408864.1
L5820.0	505823.0	5408861.8	9306.09961	357.82	0	48.832706	-86.920654	56338.81	56250.9	-0.91	56337.89	56298.25000	56393.38137	56339.21484	505823.0	5408861.8
L5820.0	505823.0	5408861.8	9306.20020	357.69	0	48.832706	-86.920654	56338.78	56250.9	-0.91	56337.87	56298.25391	56381.56814	56327.44141	505823.0	5408861.8
L5820.0	505822.9	5408860.3	9306.29981	360.05	0	48.832693	-86.920654	56339.06	56250.9	-0.91	56338.14	56298.55078	56377.64059	56323.55469	505822.9	5408860.3
L5820.0	505822.9	5408858.5	9306.40039	360.76	0	48.832676	-86.920655	56339.52	56250.9	-0.91	56338.61	56299.05078	56379.20031	56325.15234	505822.9	5408858.5
L5820.0	505822.9	5408856.9	9306.50000	361.68	0	48.832662	-86.920655	56340.03	56250.9	-0.91	56339.12	56299.59375	56381.98510	56327.98047	505822.9	5408856.9
L5820.0	505822.9	5408856.9	9306.59961	362.51	0	48.832662	-86.920655	56340.71	56250.9	-0.91	56339.80	56300.30859	56389.45349	56335.49219	505822.9	5408856.9
L5820.0	505822.9	5408854.9	9306.70020	360.80	0	48.832644	-86.920655	56341.28	56250.9	-0.91	56340.37	56300.91797	56394.14822	56340.23047	505822.9	5408854.9
L5820.0	505822.9	5408853.4	9306.79981	363.05	0	48.832631	-86.920655	56341.86	56250.9	-0.91	56340.95	56301.53516	56399.26134	56345.39063	505822.9	5408853.4
L5820.0	505822.9	5408853.4	9306.90039	363.37	0	48.832631	-86.920655	56342.04	56250.9	-0.91	56341.13	56301.75781	56393.87427	56340.04688	505822.9	5408853.4
L5820.0	505822.9	5408852.0	9307.00000	362.20	0	48.832618	-86.920656	56342.37	56250.9	-0.91	56341.46	56302.12891	56392.62703	56338.84766	505822.9	5408852.0
L5820.0	505822.9	5408852.0	9307.09961	363.10	0	48.832618	-86.920656	56342.50	56250.9	-0.91	56341.59	56302.30859	56386.19826	56332.46484	505822.9	5408852.0
L5820.0	505822.9	5408850.4	9307.20020	361.66	0	48.832603	-86.920656	56342.89	56250.9	-0.91	56341.97	56302.73438	56386.56542	56332.88281	505822.9	5408850.4
L5820.0	505822.9	5408848.5	9307.29981	361.94	0	48.832586	-86.920656	56342.96	56250.9	-0.91	56342.05	56302.86719	56379.08223	56325.44922	505822.9	5408848.5
L5820.0	505822.9	5408848.5	9307.40039	360.06	0	48.832586	-86.920656	56343.50	56250.9	-0.91	56342.58	56303.44922	56383.71308	56330.12500	505822.9	5408848.5
L5820.0	505822.8	5408846.8	9307.50000	361.27	0	48.832571	-86.920656	56343.86	56250.9	-0.92	56342.94	56303.86328	56383.94786	56330.41016	505822.8	5408846.8
L5820.0	505822.8	5408845.3	9307.59961	361.22	0	48.832558	-86.920656	56344.29	56250.9	-0.92	56343.37	56304.35156	56386.17277	56332.68359	505822.8	5408845.3
L5820.0	505822.8	5408843.9	9307.70020	360.98	0	48.832545	-86.920656	56344.50	56250.9	-0.92	56343.58	56304.61719	56382.66339	56329.22656	505822.8	5408843.9
L5820.0	505822.8	5408843.9	9307.79981	361.86	0	48.832545	-86.920656	56345.11	56250.9	-0.92	56344.19	56305.28906	56389.92278	56336.53516	505822.8	5408843.9
L5820.0	505822.8	5408842.3	9307.79981	361.86	0	48.832530	-86.920656	56345.36	56250.9	-0.92	56344.44	56305.60156	56387.71329	56334.37500	505822.8	5408842.3
L5820.0	505822.8	5408842.3	9308.00000	363.22	0	48.832530	-86.920656	56345.59	56250.9	-0.92	56344.67	56305.89844	56385.08330	56331.79297	505822.8	5408842.3
L5820.0	505822.8	5408840.3	9308.09961	361.47	0	48.832512	-86.920657	56345.90	56250.9	-0.92	56344.98	56306.27344	56384.69143	56331.45313	505822.8	5408840.3
L5820.0	505822.8	5408839.0	9308.20020	363.06	0	48.832501	-86.920657	56346.23	56250.9	-0.92	56345.31	56306.67188	56384.93654	56331.75000	505822.8	5408839.0
L5820.0	505822.8	5408837.3	9308.29981	364.84	0	48.832486	-86.920657	56346.82	56250.9	-0.92	56345.90	56307.33594	56392.20455	56339.06641	505822.8	5408837.3
L5820.0	505822.8	5408837.3	9308.40039	360.60	0	48.832486	-86.920657	56346.94	56250.9	-0.92	56346.02	56307.52734	56387.05644	56333.96484	505822.8	5408837.3
L5820.0	505822.7	5408835.8	9308.50000	360.75	0	48.832472	-86.920658	56347.02	56250.9	-0.92	56346.10	56307.67969	56380.93664	56327.89063	505822.7	5408835.8
L5820.0	505822.7	5408834.7	9308.59961	359.75	0	48.832462	-86.920658	56347.09	56250.9	-0.92	56346.17	56307.82813	56374.64013	56321.64063	505822.7	5408834.7
L5820.0	505822.7	5408833.1	9308.70020	361.35	0	48.832448	-86.920658	56347.54	56250.9	-0.92	56346.62	56308.35547	56378.54642	56325.59766	505822.7	5408833.1
L5820.0	505822.7	5408833.1	9308.79981	362.92	0	48.832448	-86.920658	56348.27	56250.9	-0.92	56347.35	56309.16406	56389.98949	56337.08594	505822.7	5408833.1
L5820.0	505822.7	5408831.2	9308.90039	362.61	0	48.832431	-86.920658	56348.66	56250.9	-0.92	56347.74	56309.63672	56392.45903	56339.59766	505822.7	5408831.2
L5820.0	505822.7	5408829.7	9309.00000	361.41	0	48.832417	-86.920658	56348.70	56250.9	-0.92	56347.78	56309.76172	56385.68523	56332.86719	505822.7	5408829.7
L5820.0	505822.7	5408829.7	9309.09961	359.91	0	48.832417	-86.920658	56348.83	56250.9	-0.92	56347.91	56309.97656	56381.37899	56328.60156	505822.7	5408829.7
L5820.0	505822.7	5408828.0	9309.20020	359.70	0	48.832401	-86.920658	56348.86	56250.9	-0.92	56347.94	56310.08984	56374.47836	56321.74609	505822.7	5408828.0
L5820.0	505822.7	5408826.3	9309.29981	360.29	0	48.832387	-86.920658	56348.84	56250.9	-0.92	56347.92	56310.16016	56366.31117	56313.61719	505822.7	5408826.3
L5820.0	505822.7	5408826.3	9309.40039	361.94	0	48.832387	-86.920658	56349.19	56250.9	-0.92	56348.27	56310.59766	56368.05607	56315.39844	505822.7	5408826.3
L5820.0	505822.7	5408824.9	9309.50000	362.69	0	48.832374	-86.920658	56349.68	56250.9	-0.92	56348.76	56311.17969	56373.58644	56320.96484	505822.7	5408824.9
L5820.0	505822.7	5408823.3	9309.59961	365.33	0	48.832360	-86.920658	56350.11	56250.9	-0.91	56349.20	56311.71094	56377.84071	56325.25781	505822.7	5408823.3
L5820.0	505822.7	5408822.2	9309.70020	363.91	0	48.832349	-86.920658	56350.34	56250.9	-0.91	56349.42	56312.02734	56376.28989	56323.73828	505822.7	5408822.2
L5820.0	505822.7	5408822.2	9309.79981	362.31	0	48.832349	-86.920658	56350.62	56250.9	-0.91	56349.71	56312.41016	56376.65202	56324.13281	505822.7	5408822.2
L5820.0	505822.8	5408820.4	9309.79981	362.31	0	48.832334	-86.920658	56350.95	56250.9	-0.91	56350.04	56312.83594	56378.12566	56325.63672	505822.8	5408820.4
L5820.0	505822.8	5408819.1	9310.00000	363.87	0	48.832322	-86.920657	56351.33	56250.9	-0.91	56350.42	56313.31641	56380.97450	56328.51563	505822.8	5408819.1
L5820.0	505822.8	5408819.1	9310.09961	366.91	0	48.832322	-86.920657	56351.49	56250.9	-0.91	56350.58	56313.57422	56378.00771	56325.57422	505822.8	5408819.1
L5820.0	505822.8	5408816.9	9310.20020	365.33	0	48.832302	-86.920657	56351.82	56250.9	-0.91	56350.91	56314.00391	56379.60624	56327.19922	505822.8	5408816.9
L5820.0	505822.8	5408815.7	9310.29981	365.08	0	48.832291	-86.920657	56351.92	56250.9	-0.91	56351.01	56314.20703	56375.11854	56322.73438	505822.8	5408815.7
L5820.0	505822.8	5408814.2	9310.40039	363.48	0	48.832278	-86.920657	56352.13	56250.9	-0.91	56351.21	56314.50781	56373.32845	56320.96484	505822.8	5408814.2
L5820.0	505822.8	5408814.2	9310.50000	362.04	0	48.832278	-86.920657	56352.07	56250.9	-0.91	56351.16	56314.56250	56364.91593	56312.57031	505822.8	5408814.2
L5820.0	505822.9	5408812.4	9310.59961	362.84	0	48.832262	-86.920656	56352.66	56250.9	-0.91	56351.75	56315.25781	56373.57443	56321.24609	505822.9	5408812.4
L5820.0	505822.9	5408810.6	9310.70020	363.01	0	48.832246	-86.920656	56352.89	56250.9	-0.91	56351.98	56315.59375	56372.67890	56320.36719	505822.9	5408810.6
L5820.0	505822.9	5408810.6	9310.79981	362.64	0	48.832246	-86.920656	56353.30	56250.9	-0.91	56352.39	56316.10938	56376.60490	56324.30469	505822.9	5408810.6
L5820.0	505822.9	5408809.3	9310.90039	363.13	0	48.832234	-86.920655	56353.22	56250.9	-0.91	56352.31	56316.13672	56367.51355	56315.22266	505822.9	5408809.3
L5820.0	505822.9	5408807.9	9311.00000	361.96	0	48.832221	-86.920655	56353.66	56250.9	-0.91	56352.75	56316.68750	56372.29393	56320.01172	505822.9	5408807.9
L5820.0	505822.9	5408807.9	9311.09961	360.48	0	48.832221	-86.920655	56354.04	56250.9	-0.91	56353.13	56317.17578	56375.50370	56323.23047	505822.9	5408807.9
L5820.0	505823.0	5408806.5	9311.20020	361.45	0	48.832208	-86.920655	56354.34	56250.9	-0.91	56353.44	56317.59766	56376.87621	56324.60547	505823.0	5408806.5
L5820.0	505823.0	5408805.0	9311.29981	361.45	0	48.832195	-86.920655	56354.63	56250.9	-0.91	56353.72	56317.98828	56377.47623	56325.20703	505823.0	5408805.0
L5820.0	505823.0	5408803.3	9311.40039	360.84	0	48.832179	-86.920654	56354.68	56250.9	-0.91	56353.77	56318.15234	56371.97902	56319.71094	505823.0	5408803.3
L5820.0	505823.0	5408803.3	9311.50000	361.38	0	48.832179	-86.920654	56355.18	56250.9	-0.91	56354.28	56318.77344	56378.75516	56326.48047	505823.0	5408803.3
L5820.0	505823.0	5408801.7	9311.59961	362.91	0	48.832165	-86.920654	56355.11	56250.9	-0.90	56354.20	56318.80859	56369.85025	56317.57422	505823.0	5408801.7
L5820.0	505823.0	5408800.3	9311.70020	362.47	0	48.832153	-86.920654	56355.57	56250.9	-0.90	56354.67	56319.39453	56375.61595	56323.33203	505823.0	5408800.3
L5820.0	505823.0	5408798.7	9311.79981	362.42	0	48.832138	-86.920654	56355.75	56250.9	-0.90	56354.84	56319.67969	56373.42303	56321.13281	505823.0	5408798.7
L5820.0	505823.0	5408798.7	9311.79981	362.42	0	48.832138	-86.920654	56356.36	56250.9	-0.90	56355.46	56320.41406	56383.24037	56330.93750	505823.0	5408798.7
L5820.0	505823.1	5408796.8	9312.00000	366.25	0	48.832122	-86.920654	56356.64	56250.9	-0.90	56355.74	56320.81250	56384.03661	56331.71875	505823.1	5408796.8
L5820.0	505823.1	5408796.8	9312.09961	366.57	0	48.832122	-86.920654	56357.16	56250.9	-0.90	56356.26	56321.44922	56391.25504	56338.92188	505823.1	5408796.8
L5820.0	505823.1	5408795.2	9312.20020	367.53	0	48.832107	-86.920654	56357.28	56250.9	-0.90	56356.38	56321.68750	56387.85830	56335.50781	505823.1	5408795.2
L5820.0	505823.1	5408793.8	9312.29981	365.53	0	48.832094	-86.920654	56357.41	56250.9	-0.90	56356.51	56321.93359	56384.76410	56332.39453	505823.1	5408793.8
L5820.0	505823.1	5408792.1	9312.40039	362.64	0	48.832079	-86.920653	56357.82	56250.9	-0.90	56356.92	56322.46484	56389.16304	56336.77344	505823.1	5408792.1
L5820.0	505823.1	5408792.1	9312.50000	363.84	0	48.832079	-86.920653	56358.02	56250.9	-0.90	56357.12	56322.78125	56388.01198	56335.59766	505823.1	5408792.1
L5820.0	505823.1	5408790.4	9312.59961	365.10	0	48.832064	-86.920653	56358.35	56250.9	-0.90	56357.45	56323.23047	56390.36561	56337.92578	505823.1	5408790.4
L5820.0	505823.1	5408789.5	9312.70020	363.36	0	48.832055	-86.920653	56358.33	56250.9	-0.90	56357.43	56323.33203	56383.44743	56330.98438	505823.1	5408789.5
L5820.0	505823.1	5408789.5	9312.79981	363.74	0	48.832055	-86.920653	56358.73	56250.9	-0.90	56357.83	56323.85156	56387.76073	56335.26953	505823.1	5408789.5
L5820.0	505823.1	5408787.4	9312.90039	362.10	0	48.832037	-86.920653	56358.94	56250.9	-0.90	56358.04	56324.18359	56387.06834	56334.54688	505823.1	5408787.4
L5820.0	505823.1	5408786.2	9313.00000	360.18	0	48.832026	-86.920653	56359.45	56250.9	-0.90	56358.54	56324.80469	56394.15309	56341.59766	505823.1	5408786.2
L5820.0	505823.2	5408784.3	9313.09961	361.63	0	48.832009	-86.920653	56359.57	56250.9	-0.90	56358.67	56325.05469	56391.44701	56338.86328	505823.2	5408784.3
L5820.0	505823.2	5408784.3	9313.20020	359.29	0	48.832009	-86.920653	56359.84	56250.9	-0.90	56358.94	56325.44922	56392.53201	56339.91797	505823.2	5408784.3
L5820.0	505823.2	5408783.0	9313.29981	358.79	0	48.831997	-86.920653	56359.70	56250.9	-0.90	56358.80	56325.42969	56382.76911	56330.12109	505823.2	5408783.0
L5820.0	505823.2	5408781.6	9313.40039	360.31	0	48.831984	-86.920653	56359.96	56250.9	-0.90	56359.06	56325.81250	56383.72765	56331.04297	505823.2	5408781.6
L5820.0	505823.2	5408779.9	9313.50000	362.91	0	48.831969	-86.920652	56360.24	56250.9	-0.90	56359.34	56326.21484	56385.29500	56332.57422	505823.2	5408779.9

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5820.0	505823.2	5408779.9	9313.59961	361.97	0	48.831969	-86.920652	56360.68	56250.9	-0.90	56359.78	56326.77734	56391.20299	56338.44922	505823.2	5408779.9
L5820.0	505823.2	5408777.9	9313.70020	362.65	0	48.831951	-86.920652	56360.91	56250.9	-0.90	56360.01	56327.12891	56391.60554	56338.81641	505823.2	5408777.9
L5820.0	505823.2	5408777.9	9313.79981	361.00	0	48.831951	-86.920652	56361.06	56250.9	-0.90	56360.15	56327.39063	56389.70228	56336.87891	505823.2	5408777.9
L5820.0	505823.2	5408776.5	9313.79981	361.00	0	48.831938	-86.920652	56361.62	56250.9	-0.90	56360.72	56328.08594	56399.34246	56346.48438	505823.2	5408776.5
L5820.0	505823.3	5408774.8	9314.00000	360.39	0	48.831923	-86.920651	56361.88	56250.9	-0.90	56360.97	56328.45703	56400.56339	56347.66797	505823.3	5408774.8
L5820.0	505823.3	5408774.8	9314.09961	359.03	0	48.831923	-86.920651	56362.08	56250.9	-0.90	56361.18	56328.79297	56400.82487	56347.89844	505823.3	5408774.8
L5820.0	505823.3	5408771.8	9314.20020	358.36	0	48.831896	-86.920650	56362.00	56250.9	-0.90	56361.10	56328.83594	56393.47627	56340.51953	505823.3	5408771.8
L5820.0	505823.3	5408771.8	9314.29981	358.29	0	48.831896	-86.920650	56362.43	56250.9	-0.90	56361.53	56329.39063	56399.82187	56346.83203	505823.3	5408771.8
L5820.0	505823.4	5408770.0	9314.40039	359.27	0	48.831880	-86.920650	56362.38	56250.9	-0.90	56361.48	56329.46094	56393.50970	56340.48828	505823.4	5408770.0
L5820.0	505823.4	5408770.0	9314.50000	357.95	0	48.831880	-86.920650	56362.79	56250.9	-0.90	56361.89	56329.99609	56399.57153	56346.51953	505823.4	5408770.0
L5820.0	505823.4	5408768.4	9314.59961	359.56	0	48.831866	-86.920649	56362.82	56250.9	-0.90	56361.92	56330.14844	56395.64905	56342.57422	505823.4	5408768.4
L5820.0	505823.5	5408767.2	9314.70020	360.32	0	48.831855	-86.920649	56363.22	56250.9	-0.90	56362.32	56330.67188	56401.71563	56348.61719	505823.5	5408767.2
L5820.0	505823.5	5408765.5	9314.79981	360.70	0	48.831840	-86.920648	56363.61	56250.9	-0.90	56362.71	56331.18750	56407.65994	56354.53906	505823.5	5408765.5
L5820.0	505823.5	5408765.5	9314.90039	361.49	0	48.831840	-86.920648	56363.76	56250.9	-0.90	56362.86	56331.46094	56407.36423	56354.22266	505823.5	5408765.5
L5820.0	505823.5	5408764.2	9315.00000	360.65	0	48.831827	-86.920648	56363.74	56250.9	-0.90	56362.84	56331.56250	56402.69784	56349.54297	505823.5	5408764.2
L5820.0	505823.6	5408762.2	9315.09961	360.80	0	48.831810	-86.920647	56363.81	56250.9	-0.90	56362.91	56331.75781	56400.58860	56347.42188	505823.6	5408762.2
L5820.0	505823.6	5408762.2	9315.20020	360.68	0	48.831810	-86.920647	56364.29	56250.9	-0.90	56363.39	56332.36328	56409.56176	56356.38672	505823.6	5408762.2
L5820.0	505823.6	5408760.5	9315.29981	362.08	0	48.831795	-86.920647	56364.20	56250.9	-0.90	56363.30	56332.39453	56403.53178	56350.35547	505823.6	5408760.5
L5820.0	505823.7	5408759.2	9315.40039	363.06	0	48.831783	-86.920646	56364.83	56250.9	-0.90	56363.93	56333.14844	56416.84877	56363.67188	505823.7	5408759.2
L5820.0	505823.7	5408759.2	9315.50000	364.76	0	48.831783	-86.920646	56364.98	56250.9	-0.90	56364.08	56333.42188	56417.56990	56364.39453	505823.7	5408759.2
L5820.0	505823.7	5408757.8	9315.59961	364.18	0	48.831770	-86.920646	56365.34	56250.9	-0.90	56364.44	56333.90625	56424.07095	56370.91016	505823.7	5408757.8
L5820.0	505823.7	5408756.4	9315.70020	365.07	0	48.831758	-86.920646	56365.14	56250.9	-0.90	56364.24	56333.82813	56415.85711	56362.71094	505823.7	5408756.4
L5820.0	505823.7	5408755.0	9315.79981	364.82	0	48.831746	-86.920645	56365.39	56250.9	-0.90	56364.49	56334.20313	56419.82357	56366.69922	505823.7	5408755.0
L5820.0	505823.7	5408755.0	9315.79981	364.82	0	48.831746	-86.920645	56365.37	56250.9	-0.90	56364.47	56334.30469	56416.80647	56363.71094	505823.7	5408755.0
L5820.0	505823.7	5408753.4	9316.00000	362.40	0	48.831731	-86.920645	56365.50	56250.9	-0.90	56364.60	56334.55859	56417.99283	56364.92969	505823.7	5408753.4
L5820.0	505823.8	5408751.9	9316.09961	361.45	0	48.831717	-86.920645	56365.73	56250.9	-0.90	56364.82	56334.90234	56421.79014	56368.77344	505823.8	5408751.9
L5820.0	505823.8	5408751.9	9316.20020	359.94	0	48.831717	-86.920645	56365.63	56250.9	-0.90	56364.72	56334.92578	56417.28749	56364.32031	505823.8	5408751.9
L5820.0	505823.8	5408750.5	9316.29981	357.54	0	48.831704	-86.920645	56365.83	56250.9	-0.91	56364.92	56335.24609	56420.99615	56368.08594	505823.8	5408750.5
L5820.0	505823.8	5408749.2	9316.40039	357.09	0	48.831693	-86.920645	56366.04	56250.9	-0.91	56365.13	56335.58203	56425.19970	56372.35547	505823.8	5408749.2
L5820.0	505823.8	5408747.9	9316.50000	356.13	0	48.831682	-86.920645	56366.29	56250.9	-0.91	56365.38	56335.95313	56430.70111	56377.92969	505823.8	5408747.9
L5820.0	505823.8	5408747.9	9316.59961	357.50	0	48.831682	-86.920645	56365.83	56250.9	-0.91	56364.92	56335.61719	56417.53667	56364.84766	505823.8	5408747.9
L5820.0	505823.8	5408746.3	9316.70020	358.49	0	48.831667	-86.920645	56365.65	56250.9	-0.91	56364.74	56335.55859	56412.06765	56359.47656	505823.8	5408746.3
L5820.0	505823.7	5408744.8	9316.79981	360.31	0	48.831653	-86.920645	56365.24	56250.9	-0.92	56364.33	56335.26953	56400.71958	56348.23047	505823.7	5408744.8
L5820.0	505823.7	5408744.8	9316.90039	359.20	0	48.831653	-86.920645	56365.50	56250.9	-0.92	56364.58	56335.64453	56407.19089	56354.81250	505823.7	5408744.8
L5820.0	505823.7	5408743.2	9317.00000	358.92	0	48.831639	-86.920645	56365.37	56250.9	-0.92	56364.45	56335.63672	56403.79610	56351.53906	505823.7	5408743.2
L5820.0	505823.8	5408741.6	9317.09961	357.00	0	48.831624	-86.920645	56365.60	56250.9	-0.92	56364.68	56335.98828	56410.23958	56358.12109	505823.8	5408741.6
L5820.0	505823.8	5408741.6	9317.20020	356.63	0	48.831624	-86.920645	56365.42	56250.9	-0.92	56364.50	56335.92969	56406.02370	56354.05078	505823.8	5408741.6
L5820.0	505823.8	5408739.5	9317.29981	356.46	0	48.831605	-86.920645	56365.65	56250.9	-0.92	56364.73	56336.28125	56412.98218	56361.16797	505823.8	5408739.5
L5820.0	505823.8	5408738.0	9317.40039	357.47	0	48.831592	-86.920644	56365.96	56250.9	-0.92	56365.04	56336.71484	56422.33122	56370.68750	505823.8	5408738.0
L5820.0	505823.8	5408736.7	9317.50000	359.03	0	48.831580	-86.920644	56366.11	56250.9	-0.92	56365.19	56336.98438	56427.68289	56376.21875	505823.8	5408736.7
L5820.0	505823.8	5408736.7	9317.59961	358.79	0	48.831580	-86.920644	56366.08	56250.9	-0.91	56365.17	56337.08984	56428.77235	56377.50781	505823.8	5408736.7
L5820.0	505823.9	5408735.1	9317.70020	357.07	0	48.831567	-86.920644	56365.70	56250.9	-0.91	56364.79	56336.82813	56420.54221	56369.48828	505823.9	5408735.1
L5820.0	505823.9	5408735.1	9317.79981	357.36	0	48.831567	-86.920644	56365.57	56250.9	-0.91	56364.66	56336.82031	56419.23368	56368.40234	505823.9	5408735.1
L5820.0	505823.9	5408733.1	9317.79981	357.36	0	48.831548	-86.920644	56365.11	56250.9	-0.91	56364.20	56336.48438	56409.40549	56358.81250	505823.9	5408733.1
L5820.0	505823.9	5408733.1	9318.00000	355.46	0	48.831548	-86.920644	56365.02	56250.9	-0.91	56364.11	56336.51563	56409.69430	56359.35156	505823.9	5408733.1
L5820.0	505823.9	5408731.2	9318.09961	357.30	0	48.831531	-86.920644	56364.81	56250.9	-0.91	56363.90	56336.42578	56407.05431	56356.98047	505823.9	5408731.2
L5820.0	505823.9	5408730.1	9318.20020	359.86	0	48.831522	-86.920644	56364.66	56250.9	-0.91	56363.74	56336.39063	56406.01096	56356.22266	505823.9	5408730.1
L5820.0	505823.9	5408730.1	9318.29981	363.33	0	48.831522	-86.920644	56364.58	56250.9	-0.92	56363.66	56336.42969	56407.36204	56357.87500	505823.9	5408730.1
L5820.0	505823.9	5408728.7	9318.40039	361.59	0	48.831509	-86.920644	56364.58	56250.9	-0.92	56363.66	56336.55469	56411.10627	56361.93359	505823.9	5408728.7
L5820.0	505823.8	5408727.2	9318.50000	362.47	0	48.831495	-86.920644	56364.07	56250.9	-0.92	56363.15	56336.16406	56401.53407	56352.69141	505823.8	5408727.2
L5820.0	505823.8	5408726.0	9318.59961	364.18	0	48.831484	-86.920645	56363.86	56250.9	-0.92	56362.94	56336.07813	56400.20861	56351.71875	505823.8	5408726.0
L5820.0	505823.8	5408726.0	9318.70020	362.31	0	48.831484	-86.920645	56363.79	56250.9	-0.92	56362.86	56336.11719	56402.60152	56354.47656	505823.8	5408726.0
L5820.0	505823.7	5408724.5	9318.79981	362.87	0	48.831471	-86.920646	56363.92	56250.9	-0.93	56362.99	56336.37109	56410.84001	56363.10156	505823.7	5408724.5
L5820.0	505823.7	5408723.2	9318.90039	364.16	0	48.831459	-86.920646	56363.96	56250.9	-0.93	56363.03	56336.53125	56416.93391	56369.59766	505823.7	5408723.2
L5820.0	505823.6	5408722.1	9319.00000	362.56	0	48.831449	-86.920647	56363.76	56250.9	-0.93	56362.83	56336.45703	56416.88628	56369.96875	505823.6	5408722.1
L5820.0	505823.6	5408722.1	9319.09961	360.10	0	48.831449	-86.920647	56363.33	56250.9	-0.93	56362.40	56336.14844	56410.95957	56364.48438	505823.6	5408722.1
L5820.0	505823.6	5408720.8	9319.20020	361.24	0	48.831437	-86.920648	56362.87	56250.9	-0.93	56361.94	56335.80859	56404.47442	56358.46094	505823.6	5408720.8
L5820.0	505823.6	5408720.8	9319.29981	360.90	0	48.831437	-86.920648	56362.48	56250.9	-0.93	56361.56	56335.55078	56400.35496	56354.81641	505823.6	5408720.8
L5820.0	505823.5	5408719.1	9319.40039	360.38	0	48.831423	-86.920649	56362.06	56250.9	-0.93	56361.13	56335.24609	56395.13533	56350.09375	505823.5	5408719.1
L5820.0	505823.4	5408718.0	9319.50000	357.62	0	48.831412	-86.920650	56361.77	56250.9	-0.93	56360.84	56335.07813	56393.86889	56349.34766	505823.4	5408718.0
L5820.0	505823.4	5408718.0	9319.59961	358.71	0	48.831412	-86.920650	56361.62	56250.9	-0.92	56360.70	56335.05859	56396.81642	56352.83203	505823.4	5408718.0
L5820.0	505823.4	5408716.6	9319.70020	362.20	0	48.831400	-86.920651	56361.52	56250.9	-0.92	56360.59	56335.07422	56400.77731	56357.35547	505823.4	5408716.6
L5820.0	505823.3	5408715.4	9319.79981	361.16	0	48.831389	-86.920652	56361.36	56250.9	-0.92	56360.44	56335.04688	56403.88182	56361.03906	505823.3	5408715.4
L5820.0	505823.3	5408714.1	9319.79981	361.16	0	48.831377	-86.920652	56361.06	56250.9	-0.92	56360.13	56334.85938	56402.92872	56360.68359	505823.3	5408714.1
L5820.0	505823.3	5408714.1	9319.90039	361.40	0	48.831377	-86.920652	56360.65	56250.9	-0.92	56359.73	56334.58203	56399.77498	56358.15234	505823.3	5408714.1
L5820.0	505823.2	5408712.8	9320.00000	361.01	0	48.831365	-86.920653	56360.09	56250.9	-0.92	56359.17	56334.14453	56392.55001	56351.57422	505823.2	5408712.8
L5820.0	505823.2	5408711.6	9320.09961	362.44	0	48.831355	-86.920654	56359.84	56250.9	-0.92	56358.91	56334.00781	56393.49344	56353.18359	505823.2	5408711.6
L5820.0	505823.2	5408711.6	9320.20020	361.37	0	48.831355	-86.920654	56359.17	56250.9	-0.92	56358.24	56333.46094	56383.69500	56344.07031	505823.2	5408711.6
L5820.0	505823.1	5408710.5	9320.40039	361.98	0	48.831345	-86.920654	56359.07	56250.9	-0.93	56358.14	56333.48828	56389.23814	56350.32031	505823.1	5408710.5
L5820.0	505823.1	5408709.2	9320.50000	363.91	0	48.831333	-86.920655	56358.71	56250.9	-0.93	56357.78	56333.25000	56388.01728	56349.83203	505823.1	5408709.2
L5820.0	505823.1	5408709.2	9320.59961	363.87	0	48.831333	-86.920655	56358.58	56250.9	-0.93	56357.65	56333.24609	56393.06982	56355.63672	505823.1	5408709.2
L5820.0	505823.0	5408707.5	9320.70020	364.15	0	48.831318	-86.920655	56358.05	56250.9	-0.93	56357.11	56332.82813	56387.34827	56350.69141	505823.0	5408707.5
L5820.0	505823.0	5408707.5	9320.79981	363.11	0	48.831318	-86.920655	56357.76	56250.9	-0.94	56356.83	56332.67578	56388.68191	56352.82422	505823.0	5408707.5
L5820.0	505823.0	5408706.6	9320.90039	362.24	0	48.831310	-86.920656	56357.23	56250.9	-0.94	56356.29	56332.25781	56383.21771	56348.17969	505823.0	5408706.6
L5820.0	505823.0	5408705.5	9321.00000	361.81	0	48.831300	-86.920656	56356.79	56250.9	-0.94	56355.85	56331.94531	56380.53131	56346.33594	505823.0	5408705.5
L5820.0	505822.9	5408704.6	9321.09961	359.42	0	48.831292	-86.920657	56356.48	56250.9	-0.94	56355.54	56331.75781	56381.41242	56348.08594	505822.9	5408704.6
L5820.0	505822.9	5408704.6	9321.20020	360.24	0	48.831292	-86.920657	56355.83	56250.9	-0.94	56354.89	56331.23438	56373.33878	56340.90234	505822.9	5408704.6
L5820.0	505822.9	5408703.5	9321.29981	361.22	0	48.831282	-86.920658	56355.49	56250.9	-0.94	56354.55	56331.01953	56373.60654	56342.08203	505822.9	5408703.5
L5820.0	505822.8	5408702.6	9321.40039	360.02	0	48.831273	-86.920658	56355.06	56250.9	-0.94	56354.12	56330.71875	56371.55693	56340.96484	505822.8	5408702.6
L5820.0	505822.8	5408701.6	9321.50000	358.66	0	48.831265	-86.920659	56354.75	56250.9	-0.94	56353.81	56330.53516	56372.77156	56343.13672	505822.8	5408701.6
L5820.0	505822.8	5408701.6	9321.59961	358.64	0	48.831265	-86.920659	56354.39	56250.9	-0.94	56353.45	56330.30078	56372.71497	56344.05859	505822.8	5408701.6
L5820.0	505822.8	5408700.3	9321.70020	360.91	0	48.831253	-86.920659	56354.06	56250.9	-0.94	56353.12	56330.09766	56373.50764	56345.85547	505822.8	5408700.3
L5820.0	505822.8	5408700.3	9321.79981	362.39	0	48.831253	-86.920659	56353.81	56250.9	-0.94	56352.87	56329.97266	56376.47129	56349.84375	505822.8	5408700.3
L5820.0	505822.7	5408699.4	9321.79981	362.39	0	48.831245	-86.920660	56353.43	56250.9	-0.94	56352.49	56329.72266	56376.00554	56350.42578	505822.7	5408699.4
L5820.0	505822.7	5408698.5	9322.00000	363.95	0	48.831237	-86.920660	56353.12	56250.9	-0.94	56352.18	56329.53906	56377.42572	56352.91406	505822.7	5408698.5
L5820.0	505822.7	5408697.5	9322.09961	367.06	0	48.831228	-86.920661	56352.66	56250.9	-0.94	56351.72	56329.20703	56374.86528	56351.44922	505822.7	5408697.5
L5820.0	505822.6	5408696.8	9322.20020	365.34	0	48.831221	-86.920661	56352.15	56250.9	-0.94	56351.21	56328.82422	56370.97732	56348.67578	505822.6	5408696.8
L5820.0	505822.6	5408696.8	9322.29981	365.96	0	48.831221	-86.920661	56351.48	56250.9	-0.94	56350.54	56328.28516	56362.82407	56341.66016	505822.6	5408696.8
L5820.0	505822.6	5408695.6	9322.40039	363.29	0	48.831211	-86.920661	56351.13	56250.9	-0.94	56350.19	56328.06250	56363.17581	56343.16797	505822.6	5408695.6
L5820.0	505822.6	5408694.7	9322.50000	360.94	0	48.831203	-86.920662	56350.62	56250.9	-0.94	56349.68	56327.67969	56359.24424	56340.41797	505822.6	5408694.7
L5820.0	505822.6	5408693.7	9322.59961	362.42	0	48.831193	-86.920662	56350.08	56250.9	-0.94	56349.14	56327.26953	56354.48165	56336.85547	505822.6	5408693.7
L5820.0	505822.6	5408693.7	9322.70020	363.01	0	48.831193	-86.920662	56349.65	56250.9	-0.94	56348.71	56326.96875	56352.60672	56336.20703	505822.6	5408693.7
L5820.0	505822.5	5408692.8	9322.79981	363.08	0	48.831186	-86.920662	56349.45	56250.9	-0.94	56348.50	56326.89063	56356.53961	56341.38281	505822.5	5408692.8

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5820.0	505822.5	5408692.0	9322.90039	361.59	0	48.831178	-86.920662	56349.19	56250.9	-0.94	56348.25	56326.76953	56359.34993	56345.45703	505822.5	5408692.0
L5820.0	505822.5	5408692.0	9323.00000	361.10	0	48.831178	-86.920662	56349.19	56250.9	-0.94	56348.25	56326.89844	56368.75051	56356.14063	505822.5	5408692.0
L5820.0	505822.5	5408691.1	9323.09961	361.62	0	48.831170	-86.920663	56348.91	56250.9	-0.94	56347.97	56326.75000	56370.62302	56359.32031	505822.5	5408691.1
L5820.0	505822.5	5408690.1	9323.20020	363.80	0	48.831161	-86.920663	56348.35	56250.9	-0.94	56347.41	56326.32031	56364.95990	56354.98438	505822.5	5408690.1
L5820.0	505822.5	5408690.1	9323.29981	364.80	0	48.831161	-86.920663	56347.91	56250.9	-0.94	56346.97	56326.01172	56362.40334	56353.76953	505822.5	5408690.1
L5820.0	505822.5	5408689.1	9323.40039	363.39	0	48.831152	-86.920663	56347.38	56250.9	-0.94	56346.43	56325.60547	56357.08912	56349.82031	505822.5	5408689.1
L5820.0	505822.5	5408689.1	9323.50000	362.72	0	48.831152	-86.920663	56346.76	56250.9	-0.94	56345.82	56325.12500	56349.80922	56343.92188	505822.5	5408689.1
L5820.0	505822.5	5408688.4	9323.59961	361.44	0	48.831146	-86.920663	56346.16	56250.9	-0.95	56345.21	56324.64844	56342.42090	56337.93750	505822.5	5408688.4
L5820.0	505822.5	5408687.8	9323.70020	361.50	0	48.831141	-86.920664	56345.87	56250.9	-0.95	56344.92	56324.49219	56343.43761	56340.37500	505822.5	5408687.8
L5820.0	505822.4	5408687.0	9323.79981	362.04	0	48.831134	-86.920664	56345.66	56250.9	-0.95	56344.72	56324.42188	56346.73013	56345.10156	505822.4	5408687.0
L5820.0	505822.4	5408687.0	9323.79981	362.04	0	48.831134	-86.920664	56345.46	56250.9	-0.95	56344.51	56324.34375	56349.63066	56349.45703	505822.4	5408687.0
L5820.0	505822.4	5408686.0	9324.00000	360.42	0	48.831125	-86.920664	56345.14	56250.9	-0.95	56344.19	56324.16016	56349.47172	56350.76953	505822.4	5408686.0
L5820.0	505822.4	5408685.4	9324.09961	359.25	0	48.831119	-86.920664	56344.65	56250.9	-0.95	56343.70	56323.80078	56344.65116	56347.43750	505822.4	5408685.4
L5820.0	505822.4	5408685.4	9324.20020	359.61	0	48.831119	-86.920664	56344.39	56250.9	-0.95	56343.44	56323.67578	56345.81403	56350.10547	505822.4	5408685.4
L5820.0	505822.4	5408684.9	9324.29981	361.16	0	48.831114	-86.920664	56343.70	56250.9	-0.95	56342.75	56323.11719	56335.38469	56341.19141	505822.4	5408684.9
L5820.0	505822.4	5408684.2	9324.40039	362.24	0	48.831109	-86.920665	56343.06	56250.9	-0.95	56342.11	56322.61328	56326.13885	56333.48047	505822.4	5408684.2
L5820.0	505822.4	5408683.5	9324.50000	360.33	0	48.831102	-86.920665	56343.06	56250.9	-0.95	56342.11	56322.74609	56333.78117	56342.67188	505822.4	5408683.5
L5820.0	505822.4	5408683.5	9324.59961	360.52	0	48.831102	-86.920665	56342.71	56250.9	-0.95	56341.76	56322.53125	56331.95132	56342.40625	505822.4	5408683.5
L5820.0	505822.4	5408682.8	9324.70020	360.27	0	48.831095	-86.920665	56342.43	56250.9	-0.95	56341.48	56322.38672	56331.82871	56343.85938	505822.4	5408682.8
L5820.0	505822.3	5408682.2	9324.79981	361.43	0	48.831090	-86.920665	56342.40	56250.9	-0.95	56341.45	56322.48828	56338.20343	56351.82031	505822.3	5408682.2
L5820.0	505822.3	5408682.2	9324.90039	361.72	0	48.831090	-86.920665	56342.20	56250.9	-0.95	56341.25	56322.42578	56339.89179	56355.10938	505822.3	5408682.2
L5820.0	505822.3	5408681.5	9325.00000	362.46	0	48.831084	-86.920665	56341.02	56250.9	-0.95	56340.07	56321.37891	56315.32720	56332.16016	505822.3	5408681.5
L5820.0	505822.3	5408681.5	9325.09961	362.45	0	48.831084	-86.920665	56340.56	56250.9	-0.95	56339.61	56321.05469	56309.76886	56328.22656	505822.3	5408681.5
L5820.0	505822.3	5408680.8	9325.20020	365.04	0	48.831077	-86.920665	56340.23	56250.9	-0.95	56339.28	56320.85938	56307.50816	56327.60156	505822.3	5408680.8
L5820.0	505822.3	5408680.5	9325.29981	363.97	0	48.831075	-86.920666	56340.26	56250.9	-0.95	56339.31	56321.02734	56314.66824	56336.40625	505822.3	5408680.5
L5820.0	505822.3	5408680.5	9325.40039	362.89	0	48.831075	-86.920666	56339.80	56250.9	-0.95	56338.85	56320.70313	56308.61906	56332.01172	505822.3	5408680.5
L5820.0	505822.3	5408679.8	9325.50000	360.82	0	48.831069	-86.920666	56339.57	56250.9	-0.94	56338.62	56320.60938	56308.53008	56333.58594	505822.3	5408679.8
L5820.0	505822.3	5408679.4	9325.59961	360.97	0	48.831065	-86.920666	56339.46	56250.9	-0.94	56338.52	56320.64453	56311.73969	56338.46875	505822.3	5408679.4
L5820.0	505822.3	5408678.8	9325.70020	359.73	0	48.831060	-86.920666	56339.06	56250.9	-0.94	56338.11	56320.37109	56306.53459	56334.94531	505822.3	5408678.8
L5820.0	505822.3	5408678.3	9325.79981	360.42	0	48.831055	-86.920666	56338.70	56250.9	-0.94	56337.76	56320.15625	56302.76695	56332.86328	505822.3	5408678.3
L5820.0	505822.3	5408678.3	9325.79981	360.42	0	48.831055	-86.920666	56338.26	56250.9	-0.94	56337.32	56319.85156	56296.44498	56328.23438	505822.3	5408678.3
L5820.0	505822.3	5408677.9	9326.00000	359.30	0	48.831052	-86.920666	56338.07	56250.9	-0.94	56337.13	56319.79688	56296.62276	56330.10938	505822.3	5408677.9
L5820.0	505822.3	5408677.9	9326.09961	362.43	0	48.831052	-86.920666	56337.58	56250.9	-0.94	56336.64	56319.44531	56288.65963	56323.85156	505822.3	5408677.9
L5820.0	505822.2	5408677.3	9326.20020	362.76	0	48.831046	-86.920667	56337.42	56250.9	-0.94	56336.48	56319.42188	56289.33112	56326.23438	505822.2	5408677.3
L5820.0	505822.2	5408676.9	9326.29981	364.29	0	48.831043	-86.920667	56337.22	56250.9	-0.95	56336.27	56319.34766	56288.52312	56327.13672	505822.2	5408676.9
L5820.0	505822.2	5408676.6	9326.40039	367.41	0	48.831039	-86.920667	56337.07	56250.9	-0.95	56336.12	56319.33594	56289.16739	56329.49609	505822.2	5408676.6
L5820.0	505822.2	5408676.6	9326.50000	366.28	0	48.831039	-86.920667	56336.53	56250.9	-0.95	56335.58	56318.92969	56279.28664	56321.33594	505822.2	5408676.6
L5820.0	505822.2	5408676.1	9326.59961	362.21	0	48.831036	-86.920667	56336.28	56251	-0.95	56335.33	56318.81641	56276.98858	56320.75781	505822.2	5408676.1
L5820.0	505822.2	5408675.9	9326.70020	361.81	0	48.831033	-86.920668	56335.79	56251	-0.95	56334.83	56318.45313	56267.90022	56313.39453	505822.2	5408675.9
L5820.0	505822.1	5408675.5	9326.79981	360.39	0	48.831030	-86.920668	56334.93	56251	-0.96	56333.97	56317.73047	56249.09698	56296.31250	505822.1	5408675.5
L5820.1	505822.1	5409644.0	16131.90039	432.70	0	48.839743	-86.920655	56159.24	56239.8	10.22	56169.46	56094.59766	56362.29872	56075.13672	505822.1	5409644.0
L5820.1	505822.1	5409644.2	16132.00000	433.75	0	48.839744	-86.920655	56159.20	56239.8	10.22	56169.42	56094.79688	56348.76566	56065.58984	505822.1	5409644.2
L5820.1	505822.1	5409644.3	16132.09961	436.01	0	48.839745	-86.920654	56159.29	56239.8	10.22	56169.51	56095.12500	56338.80043	56059.60547	505822.1	5409644.3
L5820.1	505822.1	5409644.3	16132.20020	434.53	0	48.839745	-86.920654	56159.31	56239.8	10.22	56169.53	56095.38281	56327.05470	56051.83984	505822.1	5409644.3
L5820.1	505822.2	5409644.4	16132.29981	434.46	0	48.839746	-86.920654	56159.45	56239.8	10.22	56169.67	56095.76563	56318.63263	56047.39453	505822.2	5409644.4
L5820.1	505822.2	5409644.6	16132.40039	432.95	0	48.839748	-86.920654	56159.22	56239.8	10.22	56169.44	56095.77344	56300.41194	56033.14063	505822.2	5409644.6
L5820.1	505822.2	5409644.7	16132.50000	432.39	0	48.839749	-86.920654	56159.47	56239.8	10.23	56169.70	56096.27734	56295.45352	56032.14453	505822.2	5409644.7
L5820.1	505822.2	5409644.7	16132.59961	431.70	0	48.839749	-86.920654	56159.71	56239.8	10.23	56169.94	56096.75781	56290.09788	56030.74609	505822.2	5409644.7
L5820.1	505822.2	5409644.9	16132.70020	431.84	0	48.839750	-86.920653	56159.37	56239.8	10.23	56169.60	56096.66016	56269.34477	56013.93750	505822.2	5409644.9
L5820.1	505822.2	5409644.9	16132.79981	430.97	0	48.839750	-86.920653	56159.34	56239.8	10.23	56169.57	56096.87500	56257.05741	56005.58594	505822.2	5409644.9
L5820.1	505822.2	5409645.3	16132.90039	432.25	0	48.839754	-86.920653	56159.34	56239.8	10.23	56169.57	56097.12109	56245.73913	55998.19141	505822.2	5409645.3
L5820.1	505822.2	5409645.3	16133.00000	434.27	0	48.839754	-86.920653	56159.43	56239.8	10.23	56169.66	56097.46094	56237.00562	55993.36719	505822.2	5409645.3
L5820.1	505822.2	5409645.5	16133.09961	434.57	0	48.839756	-86.920653	56159.42	56239.8	10.23	56169.65	56097.69922	56225.77125	55986.03125	505822.2	5409645.5
L5820.1	505822.2	5409645.7	16133.20020	433.96	0	48.839758	-86.920653	56159.40	56239.8	10.23	56169.63	56097.93359	56214.45458	55978.59375	505822.2	5409645.7
L5820.1	505822.2	5409646.0	16133.29981	431.93	0	48.839760	-86.920653	56159.55	56239.8	10.23	56169.77	56098.32813	56207.61776	55975.62109	505822.2	5409646.0
L5820.1	505822.2	5409646.0	16133.40039	431.51	0	48.839760	-86.920653	56159.68	56239.8	10.23	56169.90	56098.71094	56200.70941	55972.55469	505822.2	5409646.0
L5820.1	505822.2	5409646.3	16133.50000	431.87	0	48.839763	-86.920654	56159.60	56239.8	10.22	56169.82	56098.89063	56188.37342	55964.04297	505822.2	5409646.3
L5820.1	505822.2	5409646.6	16133.59961	431.62	0	48.839766	-86.920654	56159.79	56239.8	10.22	56170.01	56099.34375	56183.47902	55962.95313	505822.2	5409646.6
L5820.1	505822.1	5409646.9	16133.70020	429.34	0	48.839769	-86.920654	56160.11	56239.8	10.22	56170.33	56099.92578	56182.27709	55965.53516	505822.1	5409646.9
L5820.1	505822.1	5409646.9	16133.79981	430.18	0	48.839769	-86.920654	56160.50	56239.8	10.22	56170.73	56100.59375	56183.43017	55970.44922	505822.1	5409646.9
L5820.1	505822.1	5409647.2	16133.90039	429.58	0	48.839771	-86.920655	56161.05	56239.8	10.22	56171.27	56101.40234	56188.54854	55979.30078	505822.1	5409647.2
L5820.1	505822.0	5409647.6	16134.00000	429.62	0	48.839774	-86.920656	56161.30	56239.8	10.22	56171.52	56101.92578	56186.10852	55980.57031	505822.0	5409647.6
L5820.1	505822.0	5409647.6	16134.09961	432.09	0	48.839774	-86.920656	56161.77	56239.8	10.22	56171.99	56102.67188	56189.78049	55987.92969	505822.0	5409647.6
L5820.1	505822.0	5409648.0	16134.20020	431.09	0	48.839779	-86.920657	56162.28	56239.8	10.21	56172.49	56103.45313	56194.47235	55996.27734	505822.0	5409648.0
L5820.1	505821.9	5409648.4	16134.29981	431.53	0	48.839782	-86.920657	56162.56	56239.8	10.21	56172.77	56104.01563	56193.48325	55998.91797	505821.9	5409648.4
L5820.1	505821.9	5409648.7	16134.40039	430.75	0	48.839785	-86.920658	56162.64	56239.8	10.21	56172.85	56104.38281	56187.34860	55996.37891	505821.9	5409648.7
L5820.1	505821.9	5409648.7	16134.50000	431.51	0	48.839785	-86.920658	56162.82	56239.8	10.21	56173.03	56104.85547	56184.10807	55996.70703	505821.9	5409648.7
L5820.1	505821.8	5409649.2	16134.59961	433.35	0	48.839789	-86.920659	56163.23	56239.8	10.20	56173.44	56105.55859	56187.24433	56003.38281	505821.8	5409649.2
L5820.1	505821.8	5409649.2	16134.70020	435.59	0	48.839789	-86.920659	56163.14	56239.8	10.20	56173.34	56105.75781	56176.92118	55996.56250	505821.8	5409649.2
L5820.1	505821.8	5409649.6	16134.79981	435.89	0	48.839793	-86.920659	56163.42	56239.8	10.20	56173.62	56106.33984	56176.99046	56000.10547	505821.8	5409649.6
L5820.1	505821.7	5409650.1	16134.90039	434.93	0	48.839798	-86.920660	56163.50	56239.8	10.19	56173.69	56106.71484	56171.63547	55998.18750	505821.7	5409650.1
L5820.1	505821.7	5409650.1	16134.90039	434.93	0	48.839798	-86.920660	56163.35	56239.8	10.19	56173.54	56106.87891	56160.58467	55990.53906	505821.7	5409650.1
L5820.1	505821.6	5409651.2	16135.09961	430.89	0	48.839808	-86.920661	56163.55	56239.8	10.19	56173.74	56107.39063	56159.11174	55992.42969	505821.6	5409651.2
L5820.1	505821.6	5409651.2	16135.20020	430.75	0	48.839808	-86.920661	56163.41	56239.8	10.19	56173.60	56107.57031	56148.71844	55985.36719	505821.6	5409651.2
L5820.1	505821.6	5409651.8	16135.29981	429.77	0	48.839813	-86.920661	56162.89	56239.8	10.19	56173.07	56107.36719	56128.05997	55968.00391	505821.6	5409651.8
L5820.1	505821.6	5409652.4	16135.40039	428.11	0	48.839818	-86.920662	56162.94	56239.8	10.19	56173.12	56107.74609	56123.12998	55966.32813	505821.6	5409652.4
L5820.1	505821.6	5409652.4	16135.50000	427.74	0	48.839818	-86.920662	56163.20	56239.8	10.18	56173.38	56108.33984	56124.00609	55970.42188	505821.6	5409652.4
L5820.1	505821.5	5409653.0	16135.59961	427.01	0	48.839823	-86.920662	56162.66	56239.8	10.18	56172.84	56108.13672	56103.61182	55953.20313	505821.5	5409653.0
L5820.1	505821.5	5409653.0	16135.70020	425.66	0	48.839823	-86.920662	56162.96	56239.8	10.18	56173.14	56108.78125	56105.89778	55958.62891	505821.5	5409653.0
L5820.1	505821.5	5409654.0	16135.79981	426.00	0	48.839833	-86.920663	56163.45	56239.8	10.18	56173.63	56109.61719	56113.43594	55969.26172	505821.5	5409654.0
L5820.1	505821.5	5409654.0	16135.90039	426.65	0	48.839833	-86.920663	56163.17	56239.8	10.18	56173.35	56109.68750	56100.48917	55959.37109	505821.5	5409654.0
L5820.1	505821.5	5409654.8	16136.00000	426.50	0	48.839840	-86.920662	56163.86	56239.8	10.18	56174.04	56110.73828	56113.68763	55975.58203	505821.5	5409654.8
L5820.1	505821.5	5409655.6	16136.09961	426.07	0	48.839847	-86.920662	56164.05	56239.8	10.18	56174.23	56111.28906	56113.62435	55978.49219	505821.5	5409655.6
L5820.1	505821.5	5409655.6	16136.20020	426.66	0	48.839847	-86.920662	56164.11	56239.8	10.18	56174.29	56111.71484	56110.20932	55978.00781	505821.5	5409655.6
L5820.1	505821.6	5409656.3	16136.29981	428.74	0	48.839853	-86.920662	56164.36	56239.8	10.18	56174.54	56112.33594	56112.01223	55982.69531	505821.6	5409656.3
L5820.1	505821.6	5409657.1	16136.40039	430.38	0	48.839860	-86.920661	56164.66	56239.8	10.18	56174.84	56113.01563	56115.27336	55988.80078	505821.6	5409657.1
L5820.1	505821.6	5409657.1	16136.50000	431.20	0	48.839860	-86.920661	56164.98	56239.8	10.19	56175.17	56113.72656	56119.44923	55995.77734	505821.6	5409657.1
L5820.1	505821.7	5409657.9	16136.59961	431.27	0	48.839868	-86.920661	56165.09	56239.8	10.19	56175.27	56114.21094	56117.56359	55996.64453	505821.7	5409657.9
L5820.1	505821.7	5409658.7	16136.70020	431.28	0	48.839874	-86.920660	56165.33	56239.8	10.19	56175.51	56114.84375	56119.52591	56001.32031	505821.7	5409658.7
L5820.1	505821.7	5409658.7	16136.79981	429.38	0	48.839874	-86.920660	56165.62	56239.8	10.19	56175.81	56115.53906	56123.18435	56007.64844	505821.7	5409658.7
L5820.1	505821.7	5409659.5	16136.90039	430.37	0	48.839882	-86.920660	56165.75	56239.8	10.19	56175.94	56116.07422	56122.36663	56009.45313	505821.7	5409659.5
L5820.1	505821.8	5409660.3	16137.00000	431.44	0	48.839889	-86.920659	56166.07	56239.8	10.19	56176.26	56116.79688	56126.71414	56016.37500	505821.8	5409660.3
L5820.1	505821.8	5409660.3	16137.09961	431.68	0	48.839889	-86.920659	56165.90	56239.8	10.19	56176.09	56117.03906	56117.99338	56010.18750	505821.8	5409660.3

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5820.1	505821.8	5409661.2	16137.20020	433.43	0	48.839898	-86.920659	56166.16	56239.8	10.19	56176.34	56117.70703	56120.58732	56015.27344	505821.8	5409661.2
L5820.1	505821.8	5409661.2	16137.29981	433.91	0	48.839898	-86.920659	56166.11	56239.8	10.19	56176.29	56118.07813	56115.19046	56012.31641	505821.8	5409661.2
L5820.1	505821.8	5409662.3	16137.40039	435.09	0	48.839907	-86.920658	56166.48	56239.8	10.19	56176.67	56118.88281	56121.36143	56020.88672	505821.8	5409662.3
L5820.1	505821.8	5409663.1	16137.50000	434.63	0	48.839914	-86.920658	56166.36	56239.8	10.18	56176.54	56119.18359	56113.89829	56015.77734	505821.8	5409663.1
L5820.1	505821.8	5409663.9	16137.59961	434.54	0	48.839922	-86.920658	56166.78	56239.8	10.18	56176.96	56120.03516	56121.20480	56025.39063	505821.8	5409663.9
L5820.1	505821.8	5409663.9	16137.70020	434.25	0	48.839922	-86.920658	56166.99	56239.8	10.18	56177.17	56120.68750	56122.90378	56029.35156	505821.8	5409663.9
L5820.1	505821.9	5409665.0	16137.79981	435.03	0	48.839931	-86.920658	56166.82	56239.8	10.18	56177.00	56120.96094	56114.43185	56023.10156	505821.9	5409665.0
L5820.1	505821.9	5409665.0	16137.90039	433.81	0	48.839931	-86.920658	56167.08	56239.8	10.18	56177.26	56121.66797	56117.49250	56028.33203	505821.9	5409665.0
L5820.1	505821.9	5409666.6	16138.00000	434.47	0	48.839946	-86.920658	56167.35	56239.8	10.18	56177.53	56122.39063	56120.82200	56033.79297	505821.9	5409666.6
L5820.1	505821.9	5409666.6	16138.09961	433.22	0	48.839946	-86.920658	56167.41	56239.8	10.18	56177.59	56122.90625	56118.51736	56033.57031	505821.9	5409666.6
L5820.1	505821.9	5409667.7	16138.20020	433.99	0	48.839955	-86.920658	56167.56	56239.8	10.18	56177.74	56123.51953	56118.61323	56035.70703	505821.9	5409667.7
L5820.1	505821.9	5409667.7	16138.29981	433.38	0	48.839955	-86.920658	56167.73	56239.8	10.18	56177.90	56124.14453	56118.95942	56038.05078	505821.9	5409667.7
L5820.1	505821.9	5409668.7	16138.40039	433.06	0	48.839965	-86.920658	56168.15	56239.8	10.18	56178.32	56125.03125	56126.25089	56047.29297	505821.9	5409668.7
L5820.1	505821.9	5409669.6	16138.50000	433.97	0	48.839973	-86.920658	56168.13	56239.8	10.18	56178.30	56125.48438	56121.72018	56044.67188	505821.9	5409669.6
L5820.1	505821.9	5409670.5	16138.59961	434.18	0	48.839981	-86.920658	56168.15	56239.8	10.17	56178.32	56125.98047	56118.22737	56043.04688	505821.9	5409670.5
L5820.1	505821.9	5409670.5	16138.70020	432.32	0	48.839981	-86.920658	56168.58	56239.8	10.17	56178.75	56126.89063	56125.68445	56052.32813	505821.9	5409670.5
L5820.1	505821.9	5409671.5	16138.79981	432.85	0	48.839990	-86.920658	56168.48	56239.8	10.17	56178.65	56127.27734	56118.89206	56047.31641	505821.9	5409671.5
L5820.1	505821.9	5409672.4	16138.90039	430.05	0	48.839998	-86.920658	56168.63	56239.8	10.17	56178.80	56127.91406	56118.75185	56048.91406	505821.9	5409672.4
L5820.1	505821.9	5409672.4	16139.00000	429.83	0	48.839998	-86.920658	56168.96	56239.8	10.17	56179.13	56128.73438	56123.38339	56055.24219	505821.9	5409672.4
L5820.1	505821.9	5409673.5	16139.09961	429.40	0	48.840008	-86.920658	56169.19	56239.8	10.17	56179.36	56129.45703	56125.27792	56058.79297	505821.9	5409673.5
L5820.1	505821.9	5409673.5	16139.20020	429.96	0	48.840008	-86.920658	56169.21	56239.8	10.17	56179.38	56129.97266	56121.48342	56056.61328	505821.9	5409673.5
L5820.1	505821.9	5409674.6	16139.29981	432.33	0	48.840017	-86.920658	56169.39	56239.8	10.17	56179.56	56130.65234	56121.91349	56058.62109	505821.9	5409674.6
L5820.1	505821.9	5409675.8	16139.40039	432.78	0	48.840029	-86.920658	56169.64	56239.8	10.17	56179.80	56131.39453	56123.88466	56062.12891	505821.9	5409675.8
L5820.1	505821.8	5409677.2	16139.50000	433.16	0	48.840041	-86.920658	56169.68	56239.8	10.17	56179.84	56131.94141	56120.42532	56060.16406	505821.8	5409677.2
L5820.1	505821.8	5409677.2	16139.59961	431.66	0	48.840041	-86.920658	56169.82	56239.8	10.16	56179.98	56132.58984	56119.57365	56060.77344	505821.8	5409677.2
L5820.1	505821.8	5409678.3	16139.70020	432.00	0	48.840051	-86.920658	56170.34	56239.8	10.16	56180.50	56133.61719	56128.83205	56071.44922	505821.8	5409678.3
L5820.1	505821.8	5409679.6	16139.79981	431.22	0	48.840062	-86.920658	56170.38	56239.8	10.16	56180.54	56134.17188	56125.14803	56069.14844	505821.8	5409679.6
L5820.1	505821.8	5409679.6	16139.90039	431.69	0	48.840062	-86.920658	56170.56	56239.8	10.16	56180.72	56134.86328	56125.13743	56070.48438	505821.8	5409679.6
L5820.1	505821.8	5409680.5	16140.00000	433.29	0	48.840071	-86.920658	56170.98	56239.8	10.16	56181.14	56135.80078	56131.47892	56078.13281	505821.8	5409680.5
L5820.1	505821.8	5409681.5	16140.09961	432.47	0	48.840080	-86.920658	56170.98	56239.8	10.16	56181.14	56136.32031	56126.48129	56074.41016	505821.8	5409681.5
L5820.1	505821.8	5409682.6	16140.20020	431.52	0	48.840090	-86.920658	56171.04	56239.8	10.16	56181.19	56136.88672	56122.74070	56071.91016	505821.8	5409682.6
L5820.1	505821.8	5409682.6	16140.29981	432.20	0	48.840090	-86.920658	56171.11	56239.8	10.16	56181.27	56137.48828	56119.72019	56070.09375	505821.8	5409682.6
L5820.1	505821.8	5409683.8	16140.40039	432.96	0	48.840101	-86.920659	56171.59	56239.8	10.16	56181.75	56138.49219	56127.33611	56078.87891	505821.8	5409683.8
L5820.1	505821.8	5409684.8	16140.50000	433.10	0	48.840110	-86.920659	56171.89	56239.8	10.16	56182.05	56139.31250	56130.04234	56082.71875	505821.8	5409684.8
L5820.1	505821.8	5409684.8	16140.59961	433.49	0	48.840110	-86.920659	56171.84	56239.8	10.15	56182.00	56139.78906	56123.28213	56077.06641	505821.8	5409684.8
L5820.1	505821.8	5409686.0	16140.70020	433.34	0	48.840120	-86.920659	56172.00	56239.8	10.15	56182.15	56140.46094	56121.79693	56076.65234	505821.8	5409686.0
L5820.1	505821.8	5409687.2	16140.79981	430.25	0	48.840131	-86.920659	56172.39	56239.8	10.15	56182.55	56141.38672	56126.92695	56082.82422	505821.8	5409687.2
L5820.1	505821.8	5409687.2	16140.90039	429.93	0	48.840131	-86.920659	56172.68	56239.8	10.15	56182.83	56142.19531	56128.75542	56085.66016	505821.8	5409687.2
L5820.1	505821.8	5409688.4	16141.00000	430.61	0	48.840142	-86.920659	56172.71	56239.8	10.15	56182.86	56142.75000	56123.79838	56081.68359	505821.8	5409688.4
L5820.1	505821.8	5409689.5	16141.09961	429.61	0	48.840152	-86.920659	56172.88	56239.9	10.15	56183.02	56143.43750	56122.24146	56081.07813	505821.8	5409689.5
L5820.1	505821.8	5409691.0	16141.20020	429.00	0	48.840165	-86.920659	56173.41	56239.9	10.15	56183.55	56144.49219	56130.51799	56090.27734	505821.8	5409691.0
L5820.1	505821.8	5409691.0	16141.29981	428.20	0	48.840165	-86.920659	56173.47	56239.9	10.15	56183.62	56145.08594	56126.38247	56087.03516	505821.8	5409691.0
L5820.1	505821.7	5409692.2	16141.40039	428.20	0	48.840176	-86.920659	56173.58	56239.9	10.15	56183.73	56145.72266	56123.23721	56084.75781	505821.7	5409692.2
L5820.1	505821.7	5409693.6	16141.50000	429.50	0	48.840188	-86.920659	56173.94	56239.9	10.15	56184.08	56146.59766	56126.44376	56088.80469	505821.7	5409693.6
L5820.1	505821.7	5409693.6	16141.59961	429.87	0	48.840188	-86.920659	56174.45	56239.9	10.14	56184.59	56147.63281	56133.85899	56097.03516	505821.7	5409693.6
L5820.1	505821.7	5409694.6	16141.70020	428.36	0	48.840198	-86.920659	56174.17	56239.9	10.14	56184.31	56147.87500	56120.02140	56083.98438	505821.7	5409694.6
L5820.1	505821.7	5409695.8	16141.79981	430.19	0	48.840209	-86.920659	56174.70	56239.9	10.14	56184.85	56148.93750	56128.08468	56092.81250	505821.7	5409695.8
L5820.1	505821.7	5409695.8	16141.90039	430.42	0	48.840209	-86.920659	56174.88	56239.9	10.14	56185.02	56149.62891	56126.15476	56091.62500	505821.7	5409695.8
L5820.1	505821.7	5409697.1	16142.00000	430.56	0	48.840221	-86.920660	56175.06	56239.9	10.14	56185.20	56150.32813	56124.41797	56090.60547	505821.7	5409697.1
L5820.1	505821.7	5409698.4	16142.09961	431.59	0	48.840232	-86.920660	56175.13	56239.9	10.14	56185.26	56150.90234	56119.39124	56086.27344	505821.7	5409698.4
L5820.1	505821.7	5409698.4	16142.20020	431.99	0	48.840232	-86.920660	56175.79	56239.9	10.14	56185.93	56152.08984	56130.64190	56098.19531	505821.7	5409698.4
L5820.1	505821.7	5409699.8	16142.29981	433.69	0	48.840244	-86.920660	56175.78	56239.9	10.13	56185.92	56152.59375	56123.59565	56091.80078	505821.7	5409699.8
L5820.1	505821.7	5409701.0	16142.40039	433.33	0	48.840255	-86.920660	56176.15	56239.9	10.13	56186.28	56153.46484	56126.39665	56095.23438	505821.7	5409701.0
L5820.1	505821.6	5409702.2	16142.50000	431.91	0	48.840266	-86.920660	56176.44	56239.9	10.13	56186.57	56154.26563	56127.25292	56096.69922	505821.6	5409702.2
L5820.1	505821.6	5409702.2	16142.59961	430.30	0	48.840266	-86.920660	56176.60	56239.9	10.13	56186.73	56154.93359	56124.55747	56094.59766	505821.6	5409702.2
L5820.1	505821.6	5409703.3	16142.70020	430.80	0	48.840276	-86.920660	56176.62	56239.9	10.13	56186.75	56155.45703	56118.04341	56088.65625	505821.6	5409703.3
L5820.1	505821.6	5409703.3	16142.79981	431.56	0	48.840276	-86.920660	56177.18	56239.9	10.12	56187.30	56156.50781	56125.66965	56096.83594	505821.6	5409703.3
L5820.1	505821.6	5409704.8	16142.90039	429.97	0	48.840289	-86.920660	56177.28	56239.9	10.12	56187.40	56157.10938	56121.17046	56092.87109	505821.6	5409704.8
L5820.1	505821.6	5409706.4	16143.00000	430.26	0	48.840304	-86.920661	56177.41	56239.9	10.12	56187.53	56157.73438	56117.41206	56089.63281	505821.6	5409706.4
L5820.1	505821.6	5409707.2	16143.09961	427.77	0	48.840311	-86.920661	56177.74	56239.9	10.12	56187.86	56158.55469	56118.95174	56091.67578	505821.6	5409707.2
L5820.1	505821.6	5409707.2	16143.20020	428.60	0	48.840311	-86.920661	56178.20	56239.9	10.12	56188.32	56159.50781	56123.91399	56097.12500	505821.6	5409707.2
L5820.1	505821.6	5409708.2	16143.29981	430.88	0	48.840320	-86.920661	56178.14	56239.9	10.12	56188.26	56159.93359	56114.87758	56088.56250	505821.6	5409708.2
L5820.1	505821.6	5409709.4	16143.40039	429.43	0	48.840331	-86.920661	56178.47	56239.9	10.12	56188.59	56160.74609	56116.23352	56090.37500	505821.6	5409709.4
L5820.1	505821.6	5409710.3	16143.50000	429.46	0	48.840339	-86.920661	56179.05	56239.9	10.12	56189.17	56161.80469	56124.22975	56098.81250	505821.6	5409710.3
L5820.1	505821.6	5409711.8	16143.59961	430.07	0	48.840352	-86.920661	56179.04	56239.9	10.12	56189.16	56162.26953	56116.35213	56091.36719	505821.6	5409711.8
L5820.1	505821.6	5409711.8	16143.70020	431.16	0	48.840352	-86.920661	56179.33	56239.9	10.12	56189.45	56163.03125	56116.45521	56091.88672	505821.6	5409711.8
L5820.1	505821.6	5409713.3	16143.79981	432.33	0	48.840366	-86.920661	56179.81	56239.9	10.12	56189.93	56163.97656	56121.59059	56097.42578	505821.6	5409713.3
L5820.1	505821.5	5409714.5	16143.90039	431.38	0	48.840377	-86.920661	56179.96	56239.9	10.12	56190.08	56164.58984	56117.82059	56094.04688	505821.5	5409714.5
L5820.1	505821.5	5409716.0	16144.00000	432.61	0	48.840390	-86.920661	56179.94	56239.9	10.12	56190.06	56165.02734	56109.43328	56086.03906	505821.5	5409716.0
L5820.1	505821.5	5409716.0	16144.09961	430.36	0	48.840390	-86.920661	56180.65	56239.9	10.12	56190.77	56166.19141	56120.55061	56097.52734	505821.5	5409716.0
L5820.1	505821.5	5409716.9	16144.20020	428.61	0	48.840398	-86.920661	56180.70	56239.9	10.12	56190.82	56166.69141	56113.91602	56091.25000	505821.5	5409716.9
L5820.1	505821.5	5409718.2	16144.29981	429.22	0	48.840410	-86.920661	56180.69	56239.9	10.12	56190.81	56167.12500	56105.61029	56083.29297	505821.5	5409718.2
L5820.1	505821.5	5409718.2	16144.40039	428.74	0	48.840410	-86.920661	56181.41	56239.9	10.12	56191.53	56168.28516	56116.80661	56094.82813	505821.5	5409718.2
L5820.1	505821.5	5409719.4	16144.50000	426.82	0	48.840421	-86.920661	56181.36	56239.9	10.12	56191.48	56168.67188	56107.29959	56085.64844	505821.5	5409719.4
L5820.1	505821.5	5409721.1	16144.59961	426.43	0	48.840436	-86.920661	56181.68	56239.9	10.12	56191.80	56169.42188	56107.64305	56086.31250	505821.5	5409721.1
L5820.1	505821.5	5409722.1	16144.70020	426.76	0	48.840445	-86.920661	56182.11	56239.9	10.12	56192.23	56170.27734	56110.86672	56089.84766	505821.5	5409722.1
L5820.1	505821.5	5409722.1	16144.79981	425.79	0	48.840445	-86.920661	56182.39	56239.9	10.12	56192.51	56170.97656	56110.00020	56089.28516	505821.5	5409722.1
L5820.1	505821.5	5409723.4	16144.90039	424.40	0	48.840457	-86.920662	56182.45	56239.9	10.12	56192.57	56171.45313	56103.16541	56082.75000	505821.5	5409723.4
L5820.1	505821.5	5409724.6	16145.00000	423.80	0	48.840468	-86.920662	56183.05	56239.9	10.12	56193.17	56172.46094	56110.73044	56090.60156	505821.5	5409724.6
L5820.1	505821.5	5409725.9	16145.09961	426.24	0	48.840480	-86.920662	56183.14	56239.9	10.12	56193.26	56172.95703	56104.55018	56084.70703	505821.5	5409725.9
L5820.1	505821.5	5409725.9	16145.20020	428.62	0	48.840480	-86.920662	56183.38	56239.9	10.11	56193.49	56173.58594	56102.04407	56082.47656	505821.5	5409725.9
L5820.1	505821.5	5409727.2	16145.29981	429.68	0	48.840491	-86.920662	56184.12	56239.9	10.11	56194.23	56174.71875	56113.12665	56093.82813	505821.5	5409727.2
L5820.1	505821.5	5409728.8	16145.40039	430.11	0	48.840506	-86.920662	56183.90	56239.9	10.11	56194.01	56174.88672	56098.39513	56079.36328	505821.5	5409728.8
L5820.1	505821.5	5409728.8	16145.50000	430.76	0	48.840506	-86.920662	56184.47	56239.9	10.11	56194.58	56175.83594	56104.75156	56085.98047	505821.5	5409728.8
L5820.1	505821.5	5409730.2	16145.59961	430.14	0	48.840518	-86.920662	56184.84	56239.9	10.10	56194.94	56176.57422	56105.39019	56086.87109	505821.5	5409730.2
L5820.1	505821.5	5409730.2	16145.70020	432.02	0	48.840518	-86.920662	56184.83	56239.9	10.10	56194.93	56176.93359	56096.01944	56077.75000	505821.5	5409730.2
L5820.1	505821.4	5409732.8	16145.79981	432.67	0	48.840541	-86.920663	56185.22	56239.9	10.10	56195.32	56177.68750	56097.27417	56079.25000	505821.4	5409732.8
L5820.1	505821.4	5409732.8	16145.90039	432.04	0	48.840541	-86.920663	56185.61	56239.9	10.09	56195.70	56178.42969	56098.16184	56080.37891	505821.4	5409732.8
L5820.1	505821.4	5409734.8	16146.00000	433.17	0	48.840559	-86.920663	56186.04	56239.9	10.09	56196.13	56179.21094	56100.28705	56082.74609	505821.4	5409734.8
L5820.1	505821.4	5409734.8	16146.09961	434.17	0	48.840559	-86.920663	56185.96	56239.9	10.09	56196.04	56179.46875	56088.36853	56071.06250	505821.4	5409734.8
L5820.1	505821.4	5409736.0	16146.20020	435.20	0	48.840570	-86.920663	56186.73	56239.9	10.08	56196.82	56180.58984	56099.65832	56082.58203	505821.4	5409736.0
L5820.1	505821.4	5409736.0	16146.29981	433.72	0	48.840570	-86.920663	56186.85	56239.9	10.08	56196.93	56181.03516	56092.87620	56076.02734	505821.4	5409736.0
L5820.1	505821.4	5409737.8	16146.40039	433.96	0	48.840586	-86.920663	56186.95	56239.9	10.08	56197.02	56181.45703	56085.43988	56068.81641	505821.4	5409737.8

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5820.1	505821.4	5409739.0	16146.50000	433.91	0	48.840597	-86.920663	56187.60	56239.9	10.07	56197.67	56182.42969	56092.89080	56076.49219	505821.4	5409739.0
L5820.1	505821.4	5409740.3	16146.59961	434.39	0	48.840609	-86.920663	56187.77	56239.9	10.07	56197.85	56182.92578	56087.61775	56071.44141	505821.4	5409740.3
L5820.1	505821.4	5409741.4	16146.70020	432.95	0	48.840618	-86.920663	56187.96	56239.9	10.07	56198.03	56183.41797	56082.21361	56066.25781	505821.4	5409741.4
L5820.1	505821.4	5409741.4	16146.79981	431.28	0	48.840618	-86.920663	56188.63	56239.9	10.07	56198.70	56184.39453	56089.80720	56074.06641	505821.4	5409741.4
L5820.1	505821.4	5409743.1	16146.90039	429.42	0	48.840634	-86.920663	56188.89	56239.9	10.06	56198.96	56184.95313	56086.27134	56070.74609	505821.4	5409743.1
L5820.1	505821.4	5409744.4	16147.00000	430.56	0	48.840645	-86.920664	56189.12	56239.9	10.06	56199.18	56185.46875	56081.51828	56066.21094	505821.4	5409744.4
L5820.1	505821.3	5409745.9	16147.09961	431.31	0	48.840660	-86.920664	56189.61	56239.9	10.06	56199.67	56186.24609	56083.85201	56068.75781	505821.3	5409745.9
L5820.1	505821.3	5409745.9	16147.20020	431.98	0	48.840660	-86.920664	56190.18	56239.9	10.06	56200.24	56187.09766	56088.17499	56073.29688	505821.3	5409745.9
L5820.1	505821.3	5409747.6	16147.29981	431.85	0	48.840674	-86.920664	56190.21	56239.9	10.07	56200.28	56187.41016	56078.13242	56063.46484	505821.3	5409747.6
L5820.1	505821.3	5409747.6	16147.40039	433.08	0	48.840674	-86.920664	56190.48	56239.9	10.07	56200.54	56187.94141	56073.82118	56059.36328	505821.3	5409747.6
L5820.1	505821.3	5409748.9	16147.50000	429.99	0	48.840686	-86.920664	56191.29	56239.9	10.07	56201.36	56189.02344	56084.34889	56070.10547	505821.3	5409748.9
L5820.1	505821.3	5409748.9	16147.59961	430.93	0	48.840686	-86.920664	56191.29	56239.9	10.07	56201.36	56189.28125	56072.72228	56058.69141	505821.3	5409748.9
L5820.1	505821.3	5409750.6	16147.70020	430.25	0	48.840701	-86.920664	56191.73	56239.9	10.07	56201.80	56189.97266	56072.70730	56058.88672	505821.3	5409750.6
L5820.1	505821.3	5409751.9	16147.79981	429.64	0	48.840714	-86.920665	56192.46	56239.9	10.08	56202.54	56190.96094	56080.54591	56066.93750	505821.3	5409751.9
L5820.1	505821.3	5409753.4	16147.90039	430.67	0	48.840727	-86.920665	56192.62	56239.9	10.08	56202.70	56191.35938	56072.64589	56059.24609	505821.3	5409753.4
L5820.1	505821.3	5409753.4	16148.00000	430.02	0	48.840727	-86.920665	56192.91	56239.9	10.08	56202.99	56191.88281	56068.03131	56054.84766	505821.3	5409753.4
L5820.1	505821.3	5409755.1	16148.09961	429.40	0	48.840742	-86.920665	56193.57	56239.9	10.08	56203.64	56192.76172	56072.86080	56059.89063	505821.3	5409755.1
L5820.1	505821.3	5409756.7	16148.20020	430.80	0	48.840756	-86.920665	56193.96	56239.9	10.08	56204.03	56193.37500	56070.51049	56057.75000	505821.3	5409756.7
L5820.1	505821.3	5409756.7	16148.29981	431.03	0	48.840756	-86.920665	56194.18	56239.9	10.07	56204.25	56193.81250	56063.38636	56050.83984	505821.3	5409756.7
L5820.1	505821.3	5409758.3	16148.40039	430.93	0	48.840771	-86.920665	56194.93	56239.9	10.07	56205.00	56194.77344	56070.24394	56057.91406	505821.3	5409758.3
L5820.1	505821.3	5409759.7	16148.50000	431.06	0	48.840783	-86.920665	56195.40	56239.9	10.07	56205.47	56195.44531	56069.36642	56057.25000	505821.3	5409759.7
L5820.1	505821.3	5409759.7	16148.59961	430.75	0	48.840783	-86.920665	56195.57	56239.9	10.07	56205.64	56195.81641	56060.21105	56048.31250	505821.3	5409759.7
L5820.1	505821.3	5409761.0	16148.70020	430.03	0	48.840795	-86.920665	56196.30	56239.9	10.07	56206.36	56196.73047	56065.55333	56053.87109	505821.3	5409761.0
L5820.1	505821.3	5409762.5	16148.79981	429.36	0	48.840808	-86.920664	56196.86	56239.9	10.06	56206.92	56197.48047	56066.35627	56054.89063	505821.3	5409762.5
L5820.1	505821.3	5409762.5	16148.90039	427.42	0	48.840808	-86.920664	56197.19	56239.9	10.06	56207.25	56197.99219	56060.73647	56049.49219	505821.3	5409762.5
L5820.1	505821.3	5409763.8	16149.00000	427.16	0	48.840820	-86.920664	56197.59	56239.9	10.06	56207.65	56198.57031	56056.72741	56045.70313	505821.3	5409763.8
L5820.1	505821.3	5409765.2	16149.09961	430.02	0	48.840833	-86.920664	56198.42	56239.9	10.06	56208.48	56199.57031	56063.97054	56053.16797	505821.3	5409765.2
L5820.1	505821.3	5409766.5	16149.20020	429.20	0	48.840844	-86.920664	56198.76	56239.9	10.06	56208.82	56200.07813	56057.79953	56047.21875	505821.3	5409766.5
L5820.1	505821.3	5409766.5	16149.29981	429.77	0	48.840844	-86.920664	56199.16	56239.9	10.06	56209.22	56200.64063	56052.94796	56042.58984	505821.3	5409766.5
L5820.1	505821.3	5409768.2	16149.40039	428.94	0	48.840860	-86.920664	56199.94	56239.9	10.06	56210.00	56201.57422	56057.98455	56047.85156	505821.3	5409768.2
L5820.1	505821.3	5409769.7	16149.50000	429.91	0	48.840873	-86.920664	56200.50	56239.9	10.06	56210.56	56202.28516	56056.81924	56046.91016	505821.3	5409769.7
L5820.1	505821.3	5409769.7	16149.59961	430.24	0	48.840873	-86.920664	56200.98	56239.9	10.06	56211.04	56202.91016	56053.19578	56043.51563	505821.3	5409769.7
L5820.1	505821.3	5409771.1	16149.70020	427.73	0	48.840885	-86.920664	56201.54	56239.9	10.06	56211.60	56203.61328	56051.39375	56041.93750	505821.3	5409771.1
L5820.1	505821.3	5409772.1	16149.79981	427.39	0	48.840895	-86.920664	56202.18	56239.9	10.06	56212.24	56204.38672	56051.40402	56042.17578	505821.3	5409772.1
L5820.1	505821.3	5409773.4	16149.90039	431.65	0	48.840907	-86.920664	56203.01	56239.9	10.06	56213.07	56205.34766	56056.16551	56047.16406	505821.3	5409773.4
L5820.1	505821.3	5409775.1	16150.00000	431.39	0	48.840922	-86.920664	56203.48	56239.9	10.06	56213.54	56205.94531	56050.92701	56042.15625	505821.3	5409775.1
L5820.1	505821.3	5409775.1	16150.09961	430.28	0	48.840922	-86.920664	56203.92	56239.9	10.06	56213.98	56206.50391	56044.52350	56035.98047	505821.3	5409775.1
L5820.1	505821.3	5409776.6	16150.20020	431.49	0	48.840935	-86.920664	56204.72	56239.9	10.06	56214.78	56207.42188	56047.39782	56039.08594	505821.3	5409776.6
L5820.1	505821.3	5409777.9	16150.29981	430.82	0	48.840947	-86.920664	56205.54	56239.9	10.06	56215.59	56208.33984	56050.15843	56042.07422	505821.3	5409777.9
L5820.1	505821.3	5409777.9	16150.40039	430.71	0	48.840947	-86.920664	56206.27	56239.9	10.06	56216.33	56209.18750	56050.65026	56042.79297	505821.3	5409777.9
L5820.1	505821.3	5409779.2	16150.50000	427.32	0	48.840959	-86.920664	56206.81	56239.9	10.06	56216.86	56209.82031	56045.10974	56037.48438	505821.3	5409779.2
L5820.1	505821.3	5409780.8	16150.59961	427.90	0	48.840973	-86.920664	56207.40	56239.9	10.05	56217.46	56210.51563	56041.03012	56033.63281	505821.3	5409780.8
L5820.1	505821.3	5409782.0	16150.70020	427.24	0	48.840984	-86.920664	56208.16	56239.9	10.05	56218.21	56211.35938	56040.54377	56033.37500	505821.3	5409782.0
L5820.1	505821.3	5409782.0	16150.79981	428.48	0	48.840984	-86.920664	56209.12	56239.9	10.05	56219.17	56212.40625	56045.24665	56038.30078	505821.3	5409782.0
L5820.1	505821.3	5409783.5	16150.90039	429.04	0	48.840998	-86.920664	56209.94	56239.9	10.05	56219.99	56213.31250	56045.74523	56039.02344	505821.3	5409783.5
L5820.1	505821.3	5409784.9	16151.00000	430.21	0	48.841010	-86.920664	56210.82	56239.9	10.05	56220.87	56214.26953	56047.38715	56040.89063	505821.3	5409784.9
L5820.1	505821.3	5409784.9	16151.09961	429.29	0	48.841010	-86.920664	56211.45	56240	10.05	56221.50	56214.97656	56041.85026	56035.57813	505821.3	5409784.9
L5820.1	505821.3	5409786.2	16151.20020	430.46	0	48.841022	-86.920664	56212.17	56240	10.04	56222.21	56215.75781	56037.96582	56031.91406	505821.3	5409786.2
L5820.1	505821.3	5409787.3	16151.29981	428.83	0	48.841032	-86.920664	56213.35	56240	10.04	56223.39	56217.00391	56046.17289	56040.33594	505821.3	5409787.3
L5820.1	505821.3	5409789.1	16151.40039	430.64	0	48.841048	-86.920664	56214.32	56240	10.04	56224.35	56218.02734	56047.96313	56042.33984	505821.3	5409789.1
L5820.1	505821.3	5409789.1	16151.50000	431.43	0	48.841048	-86.920664	56214.67	56240	10.03	56224.70	56218.43359	56032.86867	56027.46094	505821.3	5409789.1
L5820.1	505821.3	5409790.7	16151.59961	430.15	0	48.841063	-86.920664	56215.66	56240	10.03	56225.69	56219.47656	56034.37780	56029.17969	505821.3	5409790.7
L5820.1	505821.3	5409792.1	16151.70020	427.98	0	48.841075	-86.920664	56216.74	56240	10.03	56226.77	56220.60938	56037.73346	56032.73828	505821.3	5409792.1
L5820.1	505821.3	5409792.1	16151.79981	427.38	0	48.841075	-86.920664	56217.86	56240	10.03	56227.88	56221.76563	56041.31153	56036.51953	505821.3	5409792.1
L5820.1	505821.3	5409795.3	16151.90039	427.06	0	48.841104	-86.920663	56218.84	56240	10.02	56228.86	56222.78516	56040.80725	56036.21094	505821.3	5409795.3
L5820.1	505821.3	5409795.3	16152.00000	425.06	0	48.841104	-86.920663	56219.85	56240	10.02	56229.87	56223.83594	56040.49240	56036.08984	505821.3	5409795.3
L5820.1	505821.3	5409796.7	16152.09961	425.11	0	48.841116	-86.920663	56220.59	56240	10.02	56230.61	56224.60938	56032.30908	56028.09375	505821.3	5409796.7
L5820.1	505821.3	5409796.7	16152.20020	426.03	0	48.841116	-86.920663	56222.07	56240	10.02	56232.10	56226.13281	56043.57871	56039.54688	505821.3	5409796.7
L5820.1	505821.3	5409798.3	16152.29981	426.19	0	48.841131	-86.920663	56222.96	56240	10.03	56232.99	56227.04688	56038.09977	56034.24219	505821.3	5409798.3
L5820.1	505821.3	5409799.9	16152.40039	425.79	0	48.841145	-86.920663	56223.93	56240	10.03	56233.96	56228.04297	56034.08004	56030.39453	505821.3	5409799.9
L5820.1	505821.3	5409799.9	16152.50000	426.09	0	48.841145	-86.920663	56225.14	56240	10.03	56235.17	56229.27344	56035.78951	56032.26563	505821.3	5409799.9
L5820.1	505821.3	5409801.5	16152.59961	425.45	0	48.841160	-86.920663	56226.46	56240	10.03	56236.49	56230.60938	56039.72507	56036.35938	505821.3	5409801.5
L5820.1	505821.3	5409802.9	16152.70020	427.50	0	48.841172	-86.920663	56227.43	56240	10.03	56237.47	56231.60156	56033.80639	56030.58984	505821.3	5409802.9
L5820.1	505821.3	5409804.5	16152.79981	427.34	0	48.841187	-86.920663	56228.71	56240	10.04	56238.74	56232.88281	56034.89987	56031.82422	505821.3	5409804.5
L5820.1	505821.3	5409804.5	16152.90039	428.21	0	48.841187	-86.920663	56230.00	56240	10.04	56240.04	56234.18750	56036.01713	56033.07422	505821.3	5409804.5
L5820.1	505821.3	5409806.8	16153.00000	427.63	0	48.841207	-86.920663	56231.39	56240	10.04	56241.43	56235.58203	56038.74647	56035.92969	505821.3	5409806.8
L5820.1	505821.3	5409808.1	16153.09961	427.77	0	48.841219	-86.920663	56232.64	56240	10.04	56242.68	56236.82813	56036.90313	56034.20313	505821.3	5409808.1
L5820.1	505821.3	5409808.1	16153.20020	429.35	0	48.841219	-86.920663	56233.84	56240	10.04	56243.88	56238.02734	56032.87902	56030.28516	505821.3	5409808.1
L5820.1	505821.4	5409809.8	16153.29981	429.41	0	48.841234	-86.920663	56235.25	56240	10.03	56245.28	56239.41797	56033.35432	56030.85547	505821.4	5409809.8
L5820.1	505821.4	5409809.8	16153.40039	429.25	0	48.841234	-86.920663	56236.64	56240	10.03	56246.67	56240.80078	56032.67978	56030.26953	505821.4	5409809.8
L5820.1	505821.4	5409811.3	16153.50000	429.19	0	48.841248	-86.920662	56238.23	56240	10.03	56248.26	56242.37500	56036.46317	56034.12891	505821.4	5409811.3
L5820.1	505821.4	5409812.7	16153.59961	428.69	0	48.841260	-86.920662	56239.48	56240	10.03	56249.50	56243.60156	56029.94205	56027.67188	505821.4	5409812.7
L5820.1	505821.4	5409812.7	16153.70020	431.75	0	48.841260	-86.920662	56240.90	56240	10.03	56250.93	56245.01172	56027.56892	56025.35156	505821.4	5409812.7
L5820.1	505821.4	5409813.7	16153.79981	432.22	0	48.841269	-86.920662	56242.62	56240	10.02	56252.64	56246.69922	56031.73502	56029.55859	505821.4	5409813.7
L5820.1	505821.4	5409815.9	16153.90039	431.28	0	48.841289	-86.920662	56244.29	56240	10.02	56254.31	56248.34375	56033.84242	56031.69141	505821.4	5409815.9
L5820.1	505821.4	5409817.1	16154.00000	432.71	0	48.841300	-86.920662	56245.93	56240	10.02	56255.95	56249.95313	56034.13813	56032.00391	505821.4	5409817.1
L5820.1	505821.4	5409817.1	16154.09961	433.08	0	48.841300	-86.920662	56247.49	56240	10.02	56257.51	56251.48438	56031.26107	56029.13281	505821.4	5409817.1
L5820.1	505821.5	5409819.9	16154.20020	434.39	0	48.841325	-86.920661	56249.12	56240	10.02	56259.14	56253.08203	56029.21081	56027.07031	505821.5	5409819.9
L5820.1	505821.5	5409819.9	16154.29981	435.84	0	48.841325	-86.920661	56250.81	56240	10.03	56260.83	56254.73438	56027.69864	56025.53125	505821.5	5409819.9
L5820.1	505821.5	5409821.7	16154.40039	435.94	0	48.841341	-86.920661	56252.77	56240	10.03	56262.79	56256.65625	56032.33260	56030.12500	505821.5	5409821.7
L5820.1	505821.5	5409823.0	16154.50000	435.25	0	48.841353	-86.920661	56254.51	56240	10.03	56264.54	56258.36328	56030.22707	56027.96875	505821.5	5409823.0
L5820.1	505821.5	5409823.0	16154.59961	429.22	0	48.841353	-86.920661	56256.17	56240	10.03	56266.20	56259.98047	56024.57835	56022.25000	505821.5	5409823.0
L5820.1	505821.5	5409824.7	16154.70020	429.38	0	48.841368	-86.920660	56258.08	56240	10.03	56268.11	56261.83984	56024.47968	56022.07031	505821.5	5409824.7
L5820.1	505821.5	5409825.8	16154.79981	433.68	0	48.841378	-86.920660	56260.20	56240	10.04	56270.24	56263.92188	56029.10760	56026.59766	505821.5	5409825.8
L5820.1	505821.5	5409825.8	16154.90039	433.56	0	48.841378	-86.920660	56262.24	56240	10.04	56272.28	56265.91016	56030.13428	56027.50781	505821.5	5409825.8
L5820.1	505821.5	5409827.7	16155.00000	432.74	0	48.841395	-86.920660	56264.00	56240	10.04	56274.04	56267.61719	56022.44870	56019.69531	505821.5	5409827.7
L5820.1	505821.5	5409828.9	16155.09961	432.15	0	48.841406	-86.920660	56266.07	56240	10.04	56276.10	56269.62109	56021.57843	56018.67578	505821.5	5409828.9
L5820.1	505821.5	5409828.9	16155.20020	431.39	0	48.841406	-86.920660	56268.29	56240	10.03	56278.32	56271.78125	56023.75363	56020.68750	505821.5	5409828.9
L5820.1	505821.6	5409830.5	16155.29981	431.09	0	48.841420	-86.920660	56270.79	56240	10.03	56280.82	56274.21875	56032.17374	56028.92969	505821.6	5409830.5
L5820.1	505821.6	5409832.4	16155.40039	430.31	0	48.841437	-86.920659	56272.63	56240	10.03	56282.65	56275.98438	56021.35988	56017.91797	505821.6	5409832.4
L5820.1	505821.6	5409833.8	16155.50000	428.73	0	48.841450	-86.920659	56274.92	56240	10.03	56284.95	56278.21875	56021.85166	56018.19531	505821.6	5409833.8
L5820.1	505821.6	5409833.8	16155.59961	429.31	0	48.841450	-86.920659	56277.35	56240	10.02	56287.37	56280.57422	56024.25331	56020.36719	505821.6	5409833.8
L5820.1	505821.6	5409835.7	16155.70020	428.20	0	48.841467	-86.920659	56279.75	56240	10.02	56289.76	56282.89453	56024.53037	56020.39453	505821.6	5409835.7

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5820.1	505821.6	5409835.7	16155.79981	426.19	0	48.841467	-86.920659	56281.92	56240	10.02	56291.93	56284.99219	56017.57715	56013.17578	505821.6	5409835.7
L5820.1	505821.6	5409837.4	16155.90039	425.06	0	48.841482	-86.920659	56284.50	56240	10.01	56294.51	56287.50000	56020.26710	56015.58594	505821.6	5409837.4
L5820.1	505821.6	5409839.3	16156.00000	424.85	0	48.841499	-86.920659	56287.04	56240	10.01	56297.05	56289.96484	56020.52759	56015.54297	505821.6	5409839.3
L5820.1	505821.6	5409839.3	16156.09961	424.27	0	48.841499	-86.920659	56289.85	56240	10.01	56299.86	56292.69531	56026.65713	56021.35547	505821.6	5409839.3
L5820.1	505821.6	5409840.9	16156.20020	425.96	0	48.841514	-86.920659	56292.39	56240	10.01	56302.39	56295.14844	56023.90483	56018.26953	505821.6	5409840.9
L5820.1	505821.6	5409842.4	16156.29981	428.10	0	48.841527	-86.920658	56294.81	56240	10.00	56304.81	56297.48828	56016.81890	56010.83203	505821.6	5409842.4
L5820.1	505821.6	5409842.4	16156.40039	428.99	0	48.841527	-86.920658	56297.58	56240	10.00	56307.58	56300.17578	56017.72149	56011.36328	505821.6	5409842.4
L5820.1	505821.7	5409844.1	16156.50000	424.49	0	48.841543	-86.920658	56300.72	56240	10.00	56310.72	56303.23047	56027.14269	56020.39844	505821.7	5409844.1
L5820.1	505821.7	5409844.1	16156.59961	425.12	0	48.841543	-86.920658	56303.40	56240	10.00	56313.40	56305.82813	56022.83143	56015.68359	505821.7	5409844.1
L5820.1	505821.7	5409846.0	16156.70020	426.01	0	48.841560	-86.920658	56306.20	56240	10.00	56316.19	56308.53125	56020.06180	56012.49219	505821.7	5409846.0
L5820.1	505821.7	5409847.4	16156.79981	426.94	0	48.841573	-86.920658	56309.04	56240	9.99	56319.04	56311.29297	56017.49148	56009.48438	505821.7	5409847.4
L5820.1	505821.7	5409849.1	16156.90039	426.44	0	48.841587	-86.920658	56312.36	56240	9.99	56322.35	56314.51172	56025.84074	56017.37891	505821.7	5409849.1
L5820.1	505821.7	5409849.1	16157.00000	427.69	0	48.841587	-86.920658	56315.29	56240	9.99	56325.28	56317.35156	56022.59575	56013.66016	505821.7	5409849.1
L5820.1	505821.7	5409851.0	16157.09961	430.26	0	48.841604	-86.920658	56318.54	56240	9.99	56328.53	56320.51172	56026.52042	56017.09766	505821.7	5409851.0
L5820.1	505821.7	5409852.6	16157.20020	430.64	0	48.841619	-86.920658	56321.44	56240	9.99	56331.43	56323.32031	56019.66028	56009.73438	505821.7	5409852.6
L5820.1	505821.7	5409852.6	16157.29981	431.94	0	48.841619	-86.920658	56325.00	56240	9.99	56334.99	56326.78516	56029.09103	56018.64844	505821.7	5409852.6
L5820.1	505821.7	5409854.2	16157.40039	430.99	0	48.841634	-86.920658	56328.26	56240	9.99	56338.26	56329.96484	56029.35643	56018.37891	505821.7	5409854.2
L5820.1	505821.7	5409855.7	16157.50000	429.97	0	48.841647	-86.920658	56331.76	56240	10.00	56341.75	56333.35938	56034.13384	56022.60938	505821.7	5409855.7
L5820.1	505821.7	5409857.4	16157.59961	428.99	0	48.841662	-86.920658	56335.02	56240	10.00	56345.02	56336.53516	56031.63956	56019.55078	505821.7	5409857.4
L5820.1	505821.7	5409857.4	16157.70020	427.80	0	48.841662	-86.920658	56338.72	56240	10.00	56348.72	56340.13672	56039.30653	56026.64063	505821.7	5409857.4
L5820.1	505821.7	5409858.9	16157.79981	427.73	0	48.841676	-86.920658	56342.43	56240	10.00	56352.42	56343.74219	56045.62230	56032.36719	505821.7	5409858.9
L5820.1	505821.7	5409858.9	16157.90039	426.11	0	48.841676	-86.920658	56345.95	56240	10.00	56355.94	56347.16406	56045.77673	56031.91797	505821.7	5409858.9
L5820.1	505821.7	5409860.3	16158.00000	426.77	0	48.841689	-86.920658	56349.52	56240	10.00	56359.52	56350.64844	56046.21855	56031.74219	505821.7	5409860.3
L5820.1	505821.7	5409860.3	16158.09961	426.72	0	48.841689	-86.920658	56353.50	56240	10.00	56363.49	56354.51953	56055.81038	56040.70703	505821.7	5409860.3
L5820.1	505821.7	5409862.2	16158.20020	426.38	0	48.841706	-86.920658	56357.51	56240	9.99	56367.50	56358.43359	56065.19066	56049.44531	505821.7	5409862.2
L5820.1	505821.7	5409863.9	16158.29981	426.57	0	48.841721	-86.920658	56361.29	56240	9.99	56371.28	56362.11328	56067.14371	56050.74609	505821.7	5409863.9
L5820.1	505821.7	5409865.4	16158.40039	426.03	0	48.841734	-86.920658	56365.08	56240	9.99	56375.07	56365.80859	56068.12501	56051.06641	505821.7	5409865.4
L5820.1	505821.7	5409866.7	16158.50000	425.60	0	48.841746	-86.920657	56369.31	56240	9.99	56379.29	56369.92969	56079.41620	56061.68750	505821.7	5409866.7
L5820.1	505821.7	5409866.7	16158.59961	424.42	0	48.841746	-86.920657	56373.56	56240	9.98	56383.54	56374.08203	56090.32238	56071.91406	505821.7	5409866.7
L5820.1	505821.7	5409868.9	16158.70020	424.74	0	48.841766	-86.920657	56377.77	56240	9.98	56387.75	56378.19531	56098.99525	56079.89844	505821.7	5409868.9
L5820.1	505821.7	5409868.9	16158.79981	426.39	0	48.841766	-86.920657	56381.81	56240	9.98	56391.79	56382.14063	56101.98002	56082.18359	505821.7	5409868.9
L5820.1	505821.7	5409870.3	16158.90039	425.37	0	48.841778	-86.920657	56386.29	56240	9.97	56396.27	56386.52734	56115.65768	56095.16016	505821.7	5409870.3
L5820.1	505821.7	5409871.7	16159.00000	423.78	0	48.841791	-86.920657	56390.64	56240	9.97	56400.61	56390.76953	56124.51556	56103.30859	505821.7	5409871.7
L5820.1	505821.7	5409873.1	16159.09961	425.46	0	48.841804	-86.920657	56395.20	56240	9.97	56405.17	56395.23828	56138.23726	56116.31250	505821.7	5409873.1
L5820.1	505821.7	5409873.1	16159.20020	426.84	0	48.841804	-86.920657	56399.62	56240	9.97	56409.59	56399.56250	56147.21002	56124.56250	505821.7	5409873.1
L5820.1	505821.7	5409875.3	16159.29981	429.58	0	48.841823	-86.920657	56404.21	56240	9.97	56414.18	56404.06250	56159.78057	56136.41016	505821.7	5409875.3
L5820.1	505821.7	5409875.3	16159.40039	429.06	0	48.841823	-86.920657	56408.78	56240	9.97	56418.74	56408.53125	56170.62780	56146.52734	505821.7	5409875.3
L5820.1	505821.7	5409876.8	16159.50000	429.23	0	48.841837	-86.920656	56413.56	56240	9.97	56423.52	56413.21875	56186.49342	56161.66406	505821.7	5409876.8
L5820.1	505821.7	5409878.5	16159.59961	430.26	0	48.841852	-86.920656	56418.35	56240	9.96	56428.31	56417.92188	56201.79141	56176.22656	505821.7	5409878.5
L5820.1	505821.8	5409880.1	16159.70020	430.39	0	48.841866	-86.920656	56423.05	56240	9.96	56433.01	56422.53516	56213.88553	56187.58594	505821.8	5409880.1
L5820.1	505821.8	5409880.1	16159.79981	429.35	0	48.841866	-86.920656	56427.89	56240	9.96	56437.86	56427.29688	56229.25397	56202.22266	505821.8	5409880.1
L5820.1	505821.8	5409882.0	16159.90039	429.58	0	48.841884	-86.920656	56432.85	56240	9.96	56442.81	56432.16406	56246.60352	56218.83984	505821.8	5409882.0
L5820.1	505821.8	5409882.0	16160.00000	429.58	0	48.841884	-86.920656	56437.90	56240	9.96	56447.86	56437.13281	56265.98251	56237.48438	505821.8	5409882.0
L5820.1	505821.8	5409885.1	16160.00000	428.10	0	48.841912	-86.920655	56442.82	56240	9.96	56452.78	56441.96875	56281.27594	56252.04688	505821.8	5409885.1
L5820.1	505821.8	5409885.1	16160.20020	427.41	0	48.841912	-86.920655	56447.75	56240	9.96	56457.71	56446.82031	56296.28715	56266.33203	505821.8	5409885.1
L5820.1	505821.8	5409887.1	16160.29981	430.04	0	48.841930	-86.920655	56452.88	56240	9.97	56462.85	56451.88672	56316.42887	56285.75000	505821.8	5409887.1
L5820.1	505821.8	5409887.1	16160.40039	429.80	0	48.841930	-86.920655	56458.06	56240	9.97	56468.03	56456.99219	56337.19797	56305.80469	505821.8	5409887.1
L5820.1	505821.8	5409888.9	16160.50000	431.98	0	48.841946	-86.920655	56463.24	56240	9.97	56473.21	56462.09766	56357.57683	56325.46875	505821.8	5409888.9
L5820.1	505821.8	5409890.6	16160.59961	431.72	0	48.841961	-86.920655	56468.29	56240	9.97	56478.26	56467.07813	56374.13664	56341.32422	505821.8	5409890.6
L5820.1	505821.8	5409890.6	16160.70020	432.45	0	48.841961	-86.920655	56473.55	56240	9.97	56483.53	56472.28125	56396.31491	56362.80078	505821.8	5409890.6
L5820.1	505821.8	5409892.1	16160.79981	430.62	0	48.841974	-86.920655	56478.86	56240	9.98	56488.83	56477.51563	56419.07661	56384.87500	505821.8	5409892.1
L5820.1	505821.8	5409894.0	16160.90039	431.93	0	48.841992	-86.920655	56484.29	56240	9.98	56494.27	56482.89453	56445.42842	56410.54688	505821.8	5409894.0
L5820.1	505821.8	5409894.0	16161.00000	432.79	0	48.841992	-86.920655	56489.45	56240	9.98	56499.43	56487.99609	56464.17235	56428.61719	505821.8	5409894.0
L5820.1	505821.8	5409895.8	16161.09961	431.95	0	48.842008	-86.920655	56494.68	56240	9.98	56504.66	56493.16797	56484.74928	56448.53516	505821.8	5409895.8
L5820.1	505821.8	5409895.8	16161.20020	431.85	0	48.842008	-86.920655	56500.02	56240	9.98	56510.00	56498.45313	56508.29191	56471.42578	505821.8	5409895.8
L5820.1	505821.8	5409897.5	16161.29981	433.35	0	48.842023	-86.920655	56505.73	56240	9.98	56515.71	56504.11328	56541.83015	56504.32813	505821.8	5409897.5
L5820.1	505821.8	5409899.5	16161.40039	429.67	0	48.842040	-86.920655	56510.81	56240	9.98	56520.79	56509.14844	56558.62291	56520.50000	505821.8	5409899.5
L5820.1	505821.8	5409900.7	16161.50000	429.69	0	48.842052	-86.920655	56515.96	56240	9.98	56525.94	56514.25391	56577.49428	56538.76172	505821.8	5409900.7
L5820.1	505821.8	5409900.7	16161.59961	434.06	0	48.842052	-86.920655	56521.38	56240	9.97	56531.35	56519.62500	56603.59932	56564.26953	505821.8	5409900.7
L5820.1	505821.8	5409902.4	16161.70020	433.69	0	48.842067	-86.920655	56527.04	56240	9.97	56537.01	56525.24609	56636.73279	56596.82422	505821.8	5409902.4
L5820.1	505821.8	5409903.9	16161.79981	434.76	0	48.842080	-86.920655	56532.43	56240	9.97	56542.40	56530.60547	56663.02026	56622.54688	505821.8	5409903.9
L5820.1	505821.8	5409903.9	16161.90039	432.89	0	48.842080	-86.920655	56537.43	56240	9.97	56547.40	56535.57422	56679.30855	56638.28906	505821.8	5409903.9
L5820.1	505821.8	5409905.4	16162.00000	432.82	0	48.842094	-86.920655	56542.84	56240	9.97	56552.81	56540.96094	56707.10307	56665.55469	505821.8	5409905.4
L5820.1	505821.8	5409907.4	16162.09961	431.17	0	48.842112	-86.920655	56548.25	56240	9.97	56558.22	56546.34766	56735.47786	56693.41797	505821.8	5409907.4
L5820.1	505821.8	5409907.4	16162.20020	430.83	0	48.842112	-86.920655	56553.66	56240	9.97	56563.63	56551.73828	56764.49598	56721.94531	505821.8	5409907.4
L5820.1	505821.8	5409909.2	16162.29981	430.00	0	48.842128	-86.920655	56558.79	56240	9.97	56568.76	56556.85547	56786.71552	56743.69141	505821.8	5409909.2
L5820.1	505821.8	5409909.2	16162.40039	427.22	0	48.842128	-86.920655	56563.86	56240	9.97	56573.83	56561.91797	56808.09567	56764.62109	505821.8	5409909.2
L5820.1	505821.8	5409911.2	16162.50000	427.46	0	48.842146	-86.920655	56568.92	56240	9.97	56578.89	56566.97266	56830.03883	56786.13672	505821.8	5409911.2
L5820.1	505821.8	5409912.9	16162.59961	428.50	0	48.842162	-86.920655	56574.29	56240	9.96	56584.25	56572.33203	56860.91565	56816.60156	505821.8	5409912.9
L5820.1	505821.8	5409912.9	16162.70020	428.31	0	48.842162	-86.920655	56579.56	56240	9.96	56589.53	56577.61328	56890.60238	56845.90234	505821.8	5409912.9
L5820.1	505821.8	5409914.8	16162.79981	426.16	0	48.842179	-86.920655	56584.62	56240	9.96	56594.58	56582.67188	56915.13929	56870.07422	505821.8	5409914.8
L5820.1	505821.8	5409916.6	16162.90039	427.76	0	48.842195	-86.920654	56589.39	56240	9.96	56599.35	56587.45313	56933.24626	56887.84375	505821.8	5409916.6
L5820.1	505821.8	5409916.6	16163.00000	427.37	0	48.842195	-86.920654	56594.36	56240	9.96	56604.32	56592.44141	56957.84792	56912.12891	505821.8	5409916.6
L5820.1	505821.8	5409918.3	16163.09961	426.35	0	48.842210	-86.920654	56599.36	56240	9.96	56609.32	56597.46484	56984.44622	56938.42969	505821.8	5409918.3
L5820.1	505821.8	5409918.3	16163.20020	426.82	0	48.842210	-86.920654	56604.24	56240	9.95	56614.20	56602.37109	57009.07829	56962.79297	505821.8	5409918.3
L5820.1	505821.8	5409920.1	16163.29981	426.63	0	48.842226	-86.920654	56608.86	56240	9.95	56618.81	56607.01172	57027.78029	56981.25391	505821.8	5409920.1
L5820.1	505821.8	5409921.4	16163.40039	427.78	0	48.842238	-86.920654	56613.58	56240.1	9.95	56623.53	56611.76563	57050.79277	57004.05078	505821.8	5409921.4
L5820.1	505821.8	5409923.3	16163.50000	428.68	0	48.842255	-86.920654	56618.16	56240.1	9.94	56628.10	56616.37891	57071.20142	57024.26953	505821.8	5409923.3
L5820.1	505821.8	5409923.3	16163.59961	430.89	0	48.842255	-86.920654	56622.82	56240.1	9.94	56632.76	56621.08594	57095.49210	57048.39063	505821.8	5409923.3
L5820.1	505821.9	5409924.7	16163.70020	430.52	0	48.842268	-86.920654	56627.44	56240.1	9.94	56637.38	56625.75781	57120.23239	57072.99219	505821.9	5409924.7
L5820.1	505821.9	5409926.2	16163.79981	431.91	0	48.842281	-86.920654	56631.55	56240.1	9.94	56641.48	56629.91406	57132.60758	57085.25781	505821.9	5409926.2
L5820.1	505821.9	5409927.9	16163.90039	431.46	0	48.842296	-86.920654	56635.93	56240.1	9.93	56645.87	56634.36328	57154.37715	57106.94531	505821.9	5409927.9
L5820.1	505821.9	5409927.9	16164.00000	430.57	0	48.842296	-86.920654	56640.20	56240.1	9.93	56650.13	56638.69141	57174.33172	57126.84375	505821.9	5409927.9
L5820.1	505821.9	5409929.4	16164.09961	429.25	0	48.842310	-86.920654	56644.52	56240.1	9.93	56654.45	56643.08203	57197.61011	57150.08984	505821.9	5409929.4
L5820.1	505821.9	5409931.3	16164.20020	428.96	0	48.842327	-86.920654	56648.24	56240.1	9.93	56658.17	56646.87891	57206.56719	57159.04688	505821.9	5409931.3
L5820.1	505821.9	5409931.3	16164.29981	428.41	0	48.842327	-86.920654	56652.25	56240.1	9.93	56662.18	56650.97266	57225.10055	57177.60547	505821.9	5409931.3
L5820.1	505821.9	5409933.0	16164.40039	427.38	0	48.842342	-86.920654	56656.07	56240.1	9.93	56666.00	56654.87891	57240.38627	57192.94922	505821.9	5409933.0
L5820.1	505821.9	5409934.6	16164.50000	426.89	0	48.842357	-86.920654	56660.03	56240.1	9.93	56669.96	56658.93359	57261.30900	57213.95703	505821.9	5409934.6
L5820.1	505821.9	5409934.6	16164.59961	425.53	0	48.842357	-86.920654	56663.58	56240.1	9.93	56673.51	56662.58203	57273.16516	57225.92188	505821.9	5409934.6
L5820.1	505821.9	5409936.3	16164.70020	425.33	0	48.842372	-86.920654	56666.98	56240.1	9.93	56676.91	56666.08594	57282.95964	57235.85938	505821.9	5409936.3
L5820.1	505821.9	5409937.8	16164.79981	424.63	0	48.842385	-86.920654	56670.44	56240.1	9.93	56680.37	56669.65625	57296.35533	57249.42188	505821.9	5409937.8
L5820.1	505821.9	5409937.8	16164.90039	424.77	0	48.842385	-86.920654	56674.09	56240.1	9.93	56684.02	56673.42188	57316.86902	57270.13672	505821.9	5409937.8
L5820.1	505821.9	5409939.7	16165.00000	425.75	0	48.842403	-86.920654	56677.31	56240.1	9.93	56687.24	56676.76172	57327.91351	57281.41016	505821.9	5409939.7

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5820.1	505821.9	5409941.4	16165.09961	427.03	0	48.842418	-86.920654	56680.32	56240.1	9.93	56690.25	56679.89844	57335.41399	57289.16406	505821.9	5409941.4
L5820.1	505821.9	5409941.4	16165.20020	427.66	0	48.842418	-86.920654	56683.23	56240.1	9.93	56693.16	56682.93750	57342.34537	57296.37891	505821.9	5409941.4
L5820.1	505821.9	5409942.7	16165.29981	429.61	0	48.842429	-86.920654	56686.06	56240.1	9.93	56695.99	56685.90625	57349.26831	57303.61328	505821.9	5409942.7
L5820.1	505821.9	5409944.6	16165.40039	431.13	0	48.842446	-86.920654	56689.05	56240.1	9.93	56698.98	56689.03516	57362.63807	57317.32813	505821.9	5409944.6
L5820.1	505821.9	5409946.2	16165.50000	430.56	0	48.842461	-86.920654	56691.70	56240.1	9.93	56701.63	56691.83594	57369.07381	57324.13281	505821.9	5409946.2
L5820.1	505821.9	5409946.2	16165.59961	430.96	0	48.842461	-86.920654	56694.25	56240.1	9.93	56704.18	56694.53906	57375.02672	57330.48047	505821.9	5409946.2
L5820.1	505821.9	5409948.0	16165.70020	431.27	0	48.842477	-86.920654	56696.58	56240.1	9.93	56706.51	56697.02734	57377.29690	57333.17578	505821.9	5409948.0
L5820.1	505821.9	5409949.9	16165.79981	432.26	0	48.842494	-86.920654	56698.96	56240.1	9.93	56708.89	56699.57031	57383.13549	57339.46875	505821.9	5409949.9
L5820.1	505821.9	5409950.8	16165.90039	431.50	0	48.842503	-86.920654	56701.25	56240.1	9.93	56711.18	56702.02734	57388.80239	57345.62109	505821.9	5409950.8
L5820.1	505821.9	5409950.8	16166.00000	431.93	0	48.842503	-86.920654	56703.42	56240.1	9.93	56713.35	56704.37500	57393.50374	57350.82813	505821.9	5409950.8
L5820.1	505821.8	5409952.5	16166.09961	430.87	0	48.842517	-86.920654	56705.22	56240.1	9.93	56715.15	56706.35156	57390.54701	57348.40625	505821.8	5409952.5
L5820.1	505821.8	5409952.5	16166.20020	429.63	0	48.842517	-86.920654	56707.20	56240.1	9.93	56717.13	56708.51953	57394.67979	57353.10156	505821.8	5409952.5
L5820.1	505821.8	5409954.2	16166.29981	430.67	0	48.842533	-86.920654	56709.06	56240.1	9.93	56718.99	56710.56641	57397.86527	57356.87891	505821.8	5409954.2
L5820.1	505821.8	5409955.9	16166.40039	431.96	0	48.842548	-86.920654	56710.61	56240.1	9.93	56720.54	56712.31250	57395.01287	57354.64453	505821.8	5409955.9
L5820.1	505821.8	5409957.5	16166.50000	431.79	0	48.842563	-86.920654	56712.14	56240.1	9.93	56722.07	56714.04297	57393.89531	57354.16797	505821.8	5409957.5
L5820.1	505821.8	5409957.5	16166.59961	430.01	0	48.842563	-86.920654	56713.26	56240.1	9.93	56723.19	56715.37109	57384.05740	57345.00000	505821.8	5409957.5
L5820.1	505821.8	5409959.4	16166.70020	430.23	0	48.842580	-86.920654	56714.57	56240.1	9.93	56724.50	56716.89063	57381.57668	57343.21094	505821.8	5409959.4
L5820.1	505821.8	5409961.2	16166.79981	430.66	0	48.842596	-86.920654	56715.75	56240.1	9.93	56725.68	56718.28516	57377.87017	57340.22656	505821.8	5409961.2
L5820.1	505821.8	5409961.2	16166.90039	428.97	0	48.842596	-86.920654	56717.02	56240.1	9.93	56726.95	56719.77734	57378.82640	57341.92578	505821.8	5409961.2
L5820.1	505821.8	5409962.7	16167.00000	429.37	0	48.842609	-86.920654	56717.86	56240.1	9.93	56727.79	56720.84375	57370.49793	57334.36719	505821.8	5409962.7
L5820.1	505821.8	5409962.7	16167.09961	430.31	0	48.842609	-86.920654	56718.46	56240.1	9.93	56728.39	56721.67578	57357.96538	57322.62891	505821.8	5409962.7
L5820.1	505821.8	5409964.8	16167.20020	431.31	0	48.842628	-86.920654	56719.30	56240.1	9.92	56729.22	56722.73828	57353.81228	57319.28906	505821.8	5409964.8
L5820.1	505821.8	5409966.4	16167.29981	429.68	0	48.842643	-86.920654	56719.95	56240.1	9.92	56729.87	56723.62891	57347.03385	57313.35547	505821.8	5409966.4
L5820.1	505821.8	5409966.4	16167.40039	429.73	0	48.842643	-86.920654	56720.57	56240.1	9.92	56730.48	56724.48438	57341.36506	57308.55078	505821.8	5409966.4
L5820.1	505821.8	5409967.9	16167.50000	425.79	0	48.842656	-86.920654	56720.72	56240.1	9.92	56730.63	56724.88281	57325.52956	57293.60156	505821.8	5409967.9
L5820.1	505821.8	5409969.3	16167.59961	425.29	0	48.842669	-86.920654	56721.02	56240.1	9.91	56730.93	56725.43750	57315.85611	57284.83594	505821.8	5409969.3
L5820.1	505821.8	5409970.8	16167.70020	427.43	0	48.842682	-86.920654	56721.23	56240.1	9.91	56731.14	56725.90625	57305.88945	57275.80078	505821.8	5409970.8
L5820.1	505821.8	5409970.8	16167.79981	429.43	0	48.842682	-86.920654	56721.36	56240.1	9.91	56731.26	56726.28906	57295.60534	57266.46875	505821.8	5409970.8
L5820.1	505821.8	5409972.5	16167.90039	430.52	0	48.842697	-86.920654	56721.30	56240.1	9.90	56731.20	56726.49609	57282.56570	57254.40234	505821.8	5409972.5
L5820.1	505821.8	5409974.2	16168.00000	429.62	0	48.842713	-86.920654	56721.03	56240.1	9.90	56730.93	56726.49609	57265.93905	57238.77344	505821.8	5409974.2
L5820.1	505821.8	5409974.2	16168.09961	430.58	0	48.842713	-86.920654	56720.85	56240.1	9.90	56730.75	56726.58984	57253.73737	57227.58594	505821.8	5409974.2
L5820.1	505821.8	5409975.6	16168.20020	430.25	0	48.842725	-86.920654	56720.75	56240.1	9.90	56730.64	56726.75781	57245.39427	57220.27734	505821.8	5409975.6
L5820.1	505821.8	5409977.2	16168.29981	431.70	0	48.842740	-86.920654	56720.54	56240.1	9.90	56730.44	56726.84375	57236.58960	57212.52734	505821.8	5409977.2
L5820.1	505821.8	5409979.0	16168.40039	433.31	0	48.842756	-86.920654	56719.92	56240.1	9.90	56729.82	56726.50781	57218.44537	57195.46094	505821.8	5409979.0
L5820.1	505821.8	5409979.0	16168.50000	432.44	0	48.842756	-86.920654	56719.21	56240.1	9.90	56729.10	56726.07813	57199.50414	57177.61328	505821.8	5409979.0
L5820.1	505821.8	5409980.0	16168.59961	432.72	0	48.842765	-86.920654	56718.66	56240.1	9.89	56728.55	56725.82422	57186.96708	57166.18750	505821.8	5409980.0
L5820.1	505821.8	5409981.6	16168.70020	432.02	0	48.842780	-86.920654	56718.21	56240.1	9.89	56728.10	56725.67188	57178.92123	57159.26953	505821.8	5409981.6
L5820.1	505821.8	5409981.6	16168.79981	432.77	0	48.842780	-86.920654	56717.38	56240.1	9.89	56727.27	56725.14063	57162.46340	57143.96094	505821.8	5409981.6
L5820.1	505821.8	5409983.7	16168.90039	432.39	0	48.842798	-86.920654	56716.34	56240.1	9.89	56726.23	56724.40625	57142.11112	57124.77734	505821.8	5409983.7
L5820.1	505821.8	5409985.3	16169.00000	434.04	0	48.842813	-86.920654	56715.68	56240.1	9.89	56725.57	56724.05469	57133.63808	57117.48828	505821.8	5409985.3
L5820.1	505821.8	5409985.3	16169.09961	435.22	0	48.842813	-86.920654	56714.90	56240.1	9.89	56724.79	56723.58594	57123.60201	57108.64844	505821.8	5409985.3
L5820.1	505821.8	5409986.6	16169.20020	436.51	0	48.842825	-86.920654	56713.79	56240.1	9.89	56723.67	56722.77734	57106.06452	57092.32813	505821.8	5409986.6
L5820.1	505821.8	5409988.2	16169.29981	434.63	0	48.842839	-86.920654	56712.59	56240.1	9.88	56722.48	56721.90625	57088.21974	57075.71875	505821.8	5409988.2
L5820.1	505821.8	5409988.2	16169.40039	432.60	0	48.842839	-86.920654	56711.58	56240.1	9.88	56721.46	56721.20703	57076.45697	57065.20703	505821.8	5409988.2
L5820.1	505821.8	5409989.7	16169.50000	430.83	0	48.842852	-86.920654	56710.52	56240.1	9.88	56720.40	56720.46875	57065.10351	57055.11719	505821.8	5409989.7
L5820.1	505821.8	5409991.6	16169.59961	430.36	0	48.842869	-86.920654	56709.14	56240.1	9.88	56719.02	56719.41406	57046.60985	57037.90234	505821.8	5409991.6
L5820.1	505821.8	5409991.6	16169.70020	429.91	0	48.842869	-86.920654	56707.88	56240.1	9.88	56717.76	56718.48047	57032.72386	57025.31250	505821.8	5409991.6
L5820.1	505821.8	5409993.0	16169.79981	429.81	0	48.842882	-86.920654	56706.79	56240.1	9.87	56716.66	56717.71094	57024.47177	57018.37500	505821.8	5409993.0
L5820.1	505821.8	5409993.0	16169.90039	430.63	0	48.842882	-86.920654	56705.43	56240.1	9.87	56715.30	56716.68359	57010.55002	57005.77734	505821.8	5409993.0
L5820.1	505821.8	5409994.8	16170.00000	432.17	0	48.842899	-86.920653	56703.89	56240.1	9.87	56713.76	56715.47656	56993.05606	56989.62500	505821.8	5409994.8
L5820.1	505821.8	5409996.2	16170.09961	432.24	0	48.842910	-86.920653	56702.48	56240.1	9.87	56712.35	56714.40234	56980.25159	56978.17578	505821.8	5409996.2
L5820.1	505821.8	5409996.2	16170.20020	431.73	0	48.842910	-86.920653	56701.18	56240.1	9.87	56711.05	56713.44141	56971.55307	56970.84375	505821.8	5409996.2
L5820.1	505821.9	5409997.9	16170.29981	432.25	0	48.842926	-86.920653	56699.66	56240.1	9.87	56709.53	56712.26172	56958.06785	56958.74219	505821.9	5409997.9
L5820.1	505821.9	5409999.0	16170.40039	431.95	0	48.842936	-86.920653	56698.04	56240.1	9.87	56707.91	56710.98438	56942.96433	56945.03516	505821.9	5409999.0
L5820.1	505821.9	5409999.0	16170.50000	432.54	0	48.842936	-86.920653	56696.39	56240.1	9.87	56706.26	56709.67969	56928.07062	56931.55078	505821.9	5409999.0
L5820.1	505821.9	5410000.7	16170.59961	433.15	0	48.842951	-86.920653	56694.97	56240.1	9.87	56704.84	56708.60547	56920.30727	56925.21094	505821.9	5410000.7
L5820.1	505821.9	5410001.9	16170.70020	433.47	0	48.842962	-86.920653	56693.48	56240.1	9.87	56703.35	56707.46484	56911.58521	56917.92578	505821.9	5410001.9
L5820.1	505821.9	5410001.9	16170.79981	433.77	0	48.842962	-86.920653	56691.83	56240.1	9.87	56701.70	56706.16406	56899.44398	56907.23828	505821.9	5410001.9
L5820.1	505821.9	5410003.0	16170.90039	435.08	0	48.842972	-86.920653	56689.92	56240.1	9.87	56699.79	56704.60156	56881.15512	56890.41016	505821.9	5410003.0
L5820.1	505821.9	5410004.2	16171.00000	435.31	0	48.842983	-86.920653	56688.28	56240.1	9.87	56698.15	56703.31250	56870.87604	56881.60938	505821.9	5410004.2
L5820.1	505821.9	5410004.2	16171.09961	434.19	0	48.842983	-86.920653	56686.65	56240.1	9.87	56696.52	56702.03516	56861.59012	56873.81250	505821.9	5410004.2
L5820.1	505821.9	5410005.8	16171.20020	434.31	0	48.842997	-86.920653	56685.01	56240.1	9.87	56694.88	56700.75000	56852.71358	56866.43750	505821.9	5410005.8
L5820.1	505821.9	5410007.1	16171.29981	432.01	0	48.843009	-86.920653	56683.31	56240.1	9.87	56693.18	56699.40234	56842.85880	56858.09766	505821.9	5410007.1
L5820.1	505821.9	5410008.2	16171.40039	432.24	0	48.843018	-86.920653	56681.43	56240.1	9.87	56691.30	56697.87891	56828.76226	56845.53125	505821.9	5410008.2
L5820.1	505821.9	5410009.5	16171.50000	430.41	0	48.843030	-86.920653	56679.69	56240.1	9.87	56689.56	56696.49609	56818.95399	56837.26172	505821.9	5410009.5
L5820.1	505821.9	5410009.5	16171.59961	430.44	0	48.843030	-86.920653	56678.22	56240.1	9.87	56688.09	56695.38281	56816.87186	56836.73047	505821.9	5410009.5
L5820.1	505821.9	5410010.6	16171.70020	430.89	0	48.843040	-86.920653	56676.58	56240.1	9.87	56686.45	56694.10156	56810.67654	56832.10156	505821.9	5410010.6
L5820.1	505821.9	5410011.7	16171.79981	430.33	0	48.843050	-86.920653	56674.84	56240.1	9.87	56684.71	56692.71875	56802.19860	56825.20313	505821.9	5410011.7
L5820.1	505821.9	5410011.7	16171.90039	428.10	0	48.843050	-86.920653	56673.09	56240.1	9.87	56682.96	56691.32813	56793.80513	56818.40234	505821.9	5410011.7
L5820.1	505821.9	5410013.1	16172.00000	430.16	0	48.843063	-86.920653	56671.39	56240.1	9.87	56681.26	56689.98438	56787.05965	56813.26172	505821.9	5410013.1
L5820.1	505821.9	5410014.3	16172.09961	429.80	0	48.843074	-86.920653	56669.66	56240.1	9.87	56679.52	56688.60547	56779.50583	56807.32422	505821.9	5410014.3
L5820.1	505821.9	5410015.3	16172.20020	430.90	0	48.843083	-86.920653	56668.02	56240.1	9.87	56677.88	56687.32422	56774.85254	56804.30078	505821.9	5410015.3
L5820.1	505821.9	5410015.3	16172.29981	429.47	0	48.843083	-86.920653	56666.23	56240.1	9.86	56676.10	56685.90234	56766.62424	56797.71484	505821.9	5410015.3
L5820.1	505821.9	5410016.4	16172.40039	429.48	0	48.843093	-86.920652	56664.30	56240.1	9.86	56674.16	56684.32422	56754.24263	56786.99219	505821.9	5410016.4
L5820.1	505821.9	5410017.8	16172.50000	429.56	0	48.843105	-86.920652	56662.86	56240.1	9.86	56672.72	56683.24219	56755.35598	56789.77344	505821.9	5410017.8
L5820.1	505821.9	5410017.8	16172.59961	428.88	0	48.843105	-86.920652	56661.23	56240.1	9.86	56671.09	56681.97266	56751.42951	56787.52734	505821.9	5410017.8
L5820.1	505821.9	5410018.8	16172.70020	428.85	0	48.843114	-86.920652	56659.44	56240.1	9.86	56669.29	56680.53125	56742.95913	56780.75000	505821.9	5410018.8
L5820.1	505821.9	5410019.7	16172.79981	429.98	0	48.843122	-86.920652	56657.68	56240.1	9.85	56667.54	56679.14063	56735.80209	56775.30469	505821.9	5410019.7
L5820.1	505821.9	5410020.8	16172.90039	430.62	0	48.843132	-86.920652	56656.02	56240.1	9.85	56665.87	56677.82813	56730.72385	56771.94531	505821.9	5410020.8
L5820.1	505821.9	5410020.8	16173.00000	430.85	0	48.843132	-86.920652	56654.41	56240.2	9.85	56664.26	56676.57813	56727.15056	56770.10547	505821.9	5410020.8
L5820.1	505821.9	5410022.0	16173.09961	431.06	0	48.843142	-86.920652	56652.76	56240.1	9.85	56662.61	56675.28516	56722.36495	56767.06641	505821.9	5410022.0
L5820.1	505821.9	5410023.1	16173.20020	432.48	0	48.843153	-86.920652	56651.04	56240.1	9.85	56660.89	56673.92188	56715.52679	56761.99219	505821.9	5410023.1
L5820.1	505821.9	5410023.1	16173.29981	432.96	0	48.843153	-86.920652	56649.32	56240.1	9.85	56659.17	56672.56250	56708.47697	56756.71875	505821.9	5410023.1
L5820.1	505821.9	5410024.2	16173.40039	433.06	0	48.843163	-86.920652	56648.01	56240.1	9.85	56657.86	56671.60938	56712.17023	56762.19922	505821.9	5410024.2
L5820.1	505821.9	5410025.4	16173.50000	434.29	0	48.843174	-86.920652	56646.15	56240.1	9.86	56656.00	56670.10547	56700.84236	56752.67578	505821.9	5410025.4
L5820.1	505821.9	5410025.4	16173.59961	434.29	0	48.843174	-86.920652	56644.75	56240.1	9.86	56654.60	56669.05859	56701.53154	56755.17969	505821.9	5410025.4
L5820.1	505821.9	5410026.6	16173.70020	434.65	0	48.843184	-86.920652	56643.11	56240.1	9.86	56652.97	56667.78516	56695.71214	56751.19141	505821.9	5410026.6
L5820.1	505821.9	5410026.6	16173.79981	433.53	0	48.843184	-86.920652	56641.83	56240.1	9.86	56651.69	56666.85938	56698.89902	56756.22266	505821.9	5410026.6
L5820.1	505821.9	5410027.4	16173.90039	434.31	0	48.843191	-86.920652	56639.92	56240.1	9.86	56649.78	56665.30469	56684.79559	56743.97656	505821.9	5410027.4
L5820.1	505821.9	5410028.4	16174.00000	433.54	0	48.843200	-86.920652	56638.55	56240.1	9.86	56648.41	56664.28516	56684.73224	56745.78516	505821.9	5410028.4
L5820.1	505821.9	5410029.5	16174.09961	432.46	0	48.843210	-86.920653	56637.19	56240.1	9.86	56647.05	56663.27734	56684.47555	56747.41406	505821.9	5410029.5
L5820.1	505821.9	5410029.5	16174.20020	432.04	0	48.843210	-86.920653	56635.81	56240.1	9.86	56645.67	56662.25000	56683.19451	56748.03516	505821.9	5410029.5
L5820.1	505821.9	5410030.2	16174.29981	431.67	0	48.843217	-86.920653	56634.20	56240.1	9.86	56644.06	56660.98828	56675.23454	56741.99219	505821.9	5410030.2

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L5820.1	505821.9	5410031.2	16174.40039	430.80	0	48.843225	-86.920653	56632.75	56240.1	9.86	56642.61	56659.89063	56671.02374	56739.71094	505821.9	5410031.2
L5820.1	505821.9	5410031.2	16174.50000	431.62	0	48.843225	-86.920653	56631.32	56240.1	9.85	56641.17	56658.79688	56666.51767	56737.14844	505821.9	5410031.2
L5820.1	505821.9	5410032.1	16174.59961	429.97	0	48.843234	-86.920653	56630.00	56240.1	9.85	56639.85	56657.82813	56664.64165	56737.23047	505821.9	5410032.1
L5820.1	505821.8	5410032.7	16174.70020	428.41	0	48.843240	-86.920653	56628.56	56240.1	9.85	56638.42	56656.74219	56659.20900	56733.76953	505821.8	5410032.7
L5820.1	505821.8	5410033.6	16174.79981	428.01	0	48.843248	-86.920653	56627.11	56240.1	9.85	56636.96	56655.62891	56652.34293	56728.89453	505821.8	5410033.6
L5820.1	505821.8	5410033.6	16174.90039	427.80	0	48.843248	-86.920653	56625.96	56240.1	9.85	56635.81	56654.82422	56653.13638	56731.69141	505821.8	5410033.6
L5820.1	505821.8	5410034.5	16175.00000	428.92	0	48.843256	-86.920653	56624.66	56240.2	9.85	56634.51	56653.86719	56649.24106	56729.80859	505821.8	5410034.5
L5820.1	505821.8	5410035.3	16175.09961	430.46	0	48.843262	-86.920653	56623.51	56240.2	9.85	56633.36	56653.06250	56648.67977	56731.27734	505821.8	5410035.3
L5820.1	505821.8	5410035.3	16175.20020	430.42	0	48.843262	-86.920653	56622.21	56240.2	9.85	56632.05	56652.09375	56643.12667	56727.77344	505821.8	5410035.3
L5820.1	505821.8	5410036.1	16175.29981	430.35	0	48.843270	-86.920654	56620.75	56240.2	9.84	56630.60	56650.98438	56633.10179	56719.80859	505821.8	5410036.1
L5820.1	505821.8	5410036.9	16175.40039	430.34	0	48.843277	-86.920654	56619.47	56240.2	9.84	56629.31	56650.03516	56626.63097	56715.41016	505821.8	5410036.9
L5820.1	505821.8	5410037.6	16175.50000	432.54	0	48.843283	-86.920654	56618.31	56240.2	9.84	56628.15	56649.21484	56622.89612	56713.76172	505821.8	5410037.6
L5820.1	505821.8	5410037.6	16175.59961	432.50	0	48.843283	-86.920654	56617.18	56240.2	9.84	56627.02	56648.42188	56619.20394	56712.17188	505821.8	5410037.6
L5820.1	505821.8	5410038.2	16175.70020	433.64	0	48.843289	-86.920654	56616.06	56240.2	9.84	56625.89	56647.62891	56614.73833	56709.82422	505821.8	5410038.2
L5820.1	505821.7	5410038.9	16175.79981	433.59	0	48.843295	-86.920654	56614.84	56240.2	9.83	56624.67	56646.74609	56607.07600	56704.29297	505821.7	5410038.9
L5820.1	505821.7	5410039.5	16175.90039	433.19	0	48.843301	-86.920654	56613.73	56240.2	9.83	56623.57	56645.98047	56601.83549	56701.19922	505821.7	5410039.5
L5820.1	505821.7	5410039.5	16176.00000	435.24	0	48.843301	-86.920654	56612.85	56240.2	9.83	56622.68	56645.42578	56601.41995	56702.93750	505821.7	5410039.5
L5820.1	505821.7	5410040.2	16176.09961	434.07	0	48.843307	-86.920655	56611.52	56240.2	9.83	56621.34	56644.41797	56588.13146	56691.82031	505821.7	5410040.2
L5820.1	505821.7	5410040.9	16176.20020	433.34	0	48.843313	-86.920655	56610.32	56240.2	9.83	56620.15	56643.56250	56578.04452	56683.91797	505821.7	5410040.9
L5820.1	505821.7	5410041.5	16176.29981	432.91	0	48.843318	-86.920655	56609.39	56240.2	9.82	56619.22	56642.96484	56574.10126	56682.17578	505821.7	5410041.5
L5820.1	505821.7	5410041.5	16176.40039	432.81	0	48.843318	-86.920655	56608.58	56240.2	9.82	56618.40	56642.47266	56572.27600	56682.55859	505821.7	5410041.5
L5820.1	505821.7	5410042.0	16176.50000	432.90	0	48.843323	-86.920655	56607.85	56240.2	9.82	56617.67	56642.07422	56572.02838	56684.53516	505821.7	5410042.0
L5820.1	505821.7	5410042.7	16176.59961	433.61	0	48.843329	-86.920655	56606.74	56240.2	9.82	56616.56	56641.29297	56560.75772	56675.50000	505821.7	5410042.7
L5820.1	505821.7	5410043.3	16176.70020	433.23	0	48.843334	-86.920655	56605.52	56240.2	9.82	56615.34	56640.39844	56545.69829	56662.69141	505821.7	5410043.3
L5820.1	505821.7	5410043.3	16176.79981	433.90	0	48.843334	-86.920655	56604.26	56240.2	9.81	56614.08	56639.46875	56528.72475	56647.97656	505821.7	5410043.3
L5820.1	505821.6	5410044.0	16176.90039	433.40	0	48.843341	-86.920655	56603.56	56240.2	9.81	56613.37	56639.08203	56525.65007	56647.17188	505821.6	5410044.0
L5820.1	505821.6	5410044.0	16177.00000	431.27	0	48.843341	-86.920655	56602.89	56240.2	9.81	56612.70	56638.73828	56522.80507	56646.60938	505821.6	5410044.0
L5820.1	505821.6	5410044.5	16177.09961	432.25	0	48.843345	-86.920655	56602.31	56240.2	9.81	56612.12	56638.48438	56521.53098	56647.62891	505821.6	5410044.5
L5820.1	505821.6	5410044.9	16177.20020	434.17	0	48.843349	-86.920655	56601.25	56240.2	9.81	56611.06	56637.74609	56506.55218	56634.95703	505821.6	5410044.9
L5820.1	505821.6	5410045.4	16177.29981	433.08	0	48.843353	-86.920655	56600.21	56240.2	9.82	56610.03	56637.04297	56491.54089	56622.26172	505821.6	5410045.4
L5820.1	505821.6	5410045.4	16177.40039	434.87	0	48.843353	-86.920655	56599.62	56240.2	9.82	56609.44	56636.77344	56487.48990	56620.53516	505821.6	5410045.4
L5820.1	505821.6	5410045.8	16177.50000	435.83	0	48.843357	-86.920655	56598.76	56240.2	9.82	56608.58	56636.23438	56475.37368	56610.75391	505821.6	5410045.8
L5820.1	505821.6	5410046.2	16177.59961	432.69	0	48.843361	-86.920655	56597.89	56240.2	9.82	56607.71	56635.68750	56462.16623	56599.89063	505821.6	5410046.2
L5820.1	505821.6	5410046.7	16177.70020	430.67	0	48.843365	-86.920655	56597.35	56240.2	9.82	56607.18	56635.47656	56457.25457	56597.33203	505821.6	5410046.7
L5820.1	505821.6	5410047.1	16177.79981	427.91	0	48.843368	-86.920655	56596.66	56240.2	9.83	56606.49	56635.10938	56447.24412	56589.68359	505821.6	5410047.1
L5820.1	505821.6	5410047.1	16177.90039	427.03	0	48.843368	-86.920655	56595.89	56240.2	9.83	56605.72	56634.65625	56434.28668	56579.09375	505821.6	5410047.1
L5820.1	505821.6	5410047.6	16178.00000	429.59	0	48.843373	-86.920655	56595.62	56240.2	9.83	56605.45	56634.70703	56433.93617	56581.12109	505821.6	5410047.6
L5820.1	505821.6	5410047.6	16178.09961	433.19	0	48.843373	-86.920655	56594.95	56240.2	9.83	56604.78	56634.35547	56422.07913	56571.64453	505821.6	5410047.6
L5820.1	505821.6	5410048.1	16178.20020	435.76	0	48.843377	-86.920655	56594.44	56240.2	9.82	56604.26	56634.15234	56413.46681	56565.42578	505821.6	5410048.1
L5820.1	505821.6	5410048.6	16178.29981	434.67	0	48.843382	-86.920655	56593.72	56240.2	9.82	56603.54	56633.75000	56398.72865	56553.08594	505821.6	5410048.6
L5820.1	505821.6	5410048.6	16178.40039	433.01	0	48.843382	-86.920655	56593.32	56240.2	9.81	56603.14	56633.66797	56391.81318	56548.57031	505821.6	5410048.6
L5820.1	505821.6	5410049.0	16178.50000	433.89	0	48.843386	-86.920655	56592.83	56240.2	9.81	56602.64	56633.48438	56381.47492	56540.64063	505821.6	5410049.0
L5820.1	505821.6	5410049.0	16178.59961	433.60	0	48.843386	-86.920655	56592.58	56240.2	9.81	56602.38	56633.54297	56376.83918	56538.41406	505821.6	5410049.0
L5820.1	505821.6	5410049.3	16178.70020	434.98	0	48.843389	-86.920655	56591.86	56240.2	9.80	56601.67	56633.14844	56359.42495	56523.41797	505821.6	5410049.3
L5820.1	505821.6	5410049.6	16178.79981	433.35	0	48.843391	-86.920655	56591.56	56240.2	9.80	56601.36	56633.15234	56352.02812	56518.44141	505821.6	5410049.6
L5820.1	505821.6	5410049.9	16178.90039	432.73	0	48.843394	-86.920655	56591.20	56240.2	9.79	56600.99	56633.10156	56342.33348	56511.17188	505821.6	5410049.9
L5820.1	505821.6	5410049.9	16179.00000	433.09	0	48.843394	-86.920655	56590.87	56240.2	9.79	56600.66	56633.08594	56333.03589	56504.29688	505821.6	5410049.9
L5820.1	505821.6	5410050.2	16179.09961	434.18	0	48.843397	-86.920656	56590.52	56240.2	9.79	56600.31	56633.05078	56322.54229	56496.23438	505821.6	5410050.2
L5820.1	505821.6	5410050.4	16179.20020	431.64	0	48.843398	-86.920656	56590.25	56240.2	9.79	56600.04	56633.09766	56313.54856	56489.67188	505821.6	5410050.4
L5820.1	505821.6	5410050.4	16179.29981	431.85	0	48.843398	-86.920656	56590.21	56240.2	9.79	56600.00	56633.37109	56310.09116	56488.64453	505821.6	5410050.4
L5820.1	505821.6	5410050.7	16179.40039	431.27	0	48.843401	-86.920656	56589.89	56240.2	9.79	56599.68	56633.36719	56298.51716	56479.50000	505821.6	5410050.7
T8100.0	504300.7	5408100.8	8601.79981	222.58	48.19	48.825873	-86.941405	56015.04	56251.6	-1.61	56013.43	56013.42969	55994.35521	55994.35547	504300.7	5408100.8
T8100.0	504300.8	5408100.9	8601.90039	222.04	47.98	48.825873	-86.941403	56014.71	56251.6	-1.61	56013.10	56013.10156	55994.37174	55994.37109	504300.8	5408100.9
T8100.0	504300.8	5408100.9	8602.00000	222.92	48.56	48.825873	-86.941403	56014.34	56251.6	-1.61	56012.73	56012.73047	55994.38818	55994.38672	504300.8	5408100.9
T8100.0	504301.0	5408100.9	8602.09961	225.05	48.47	48.825873	-86.941401	56013.96	56251.6	-1.61	56012.35	56012.35156	55994.40253	55994.40234	504301.0	5408100.9
T8100.0	504301.1	5408100.9	8602.20020	224.31	48.8	48.825873	-86.941399	56013.68	56251.6	-1.61	56012.06	56012.05859	55994.40813	55994.40625	504301.1	5408100.9
T8100.0	504301.3	5408100.9	8602.29981	225.73	48.8	48.825873	-86.941396	56013.22	56251.6	-1.62	56011.60	56011.60156	55994.42230	55994.42188	504301.3	5408100.9
T8100.0	504301.4	5408100.9	8602.40039	228.76	48.8	48.825873	-86.941395	56012.87	56251.6	-1.62	56011.25	56011.25000	55994.42637	55994.42578	504301.4	5408100.9
T8100.0	504301.6	5408100.9	8602.50000	228.51	48.96	48.825873	-86.941392	56012.51	56251.6	-1.62	56010.89	56010.89063	55994.42836	55994.42969	504301.6	5408100.9
T8100.0	504301.9	5408100.9	8602.59961	229.78	47.56	48.825874	-86.941389	56012.14	56251.6	-1.62	56010.52	56010.51953	55994.42825	55994.42969	504301.9	5408100.9
T8100.0	504301.9	5408100.9	8602.70020	230.26	47.69	48.825874	-86.941389	56011.86	56251.6	-1.62	56010.23	56010.23047	55994.42006	55994.42188	504301.9	5408100.9
T8100.0	504302.1	5408100.9	8602.79981	228.21	47.69	48.825874	-86.941386	56011.55	56251.6	-1.63	56009.93	56009.92969	55994.40978	55994.41016	504302.1	5408100.9
T8100.0	504302.3	5408100.9	8602.90039	224.03	47.86	48.825874	-86.941383	56011.27	56251.6	-1.63	56009.65	56009.64844	55994.39542	55994.39453	504302.3	5408100.9
T8100.0	504302.6	5408101.0	8603.00000	223.44	47.86	48.825874	-86.941379	56011.09	56251.6	-1.63	56009.46	56009.46094	55994.37233	55994.37109	504302.6	5408101.0
T8100.0	504302.6	5408101.0	8603.09961	223.34	47.83	48.825874	-86.941379	56010.89	56251.6	-1.63	56009.27	56009.26953	55994.34650	55994.34766	504302.6	5408101.0
T8100.0	504303.0	5408101.0	8603.20020	224.01	47.94	48.825874	-86.941374	56010.79	56251.6	-1.63	56009.16	56009.16016	55994.31261	55994.31250	504303.0	5408101.0
T8100.0	504303.3	5408101.0	8603.29981	221.00	47.94	48.825875	-86.941370	56010.67	56251.6	-1.63	56009.04	56009.03906	55994.27667	55994.27734	504303.3	5408101.0
T8100.0	504304.2	5408101.2	8603.59961	220.71	47.22	48.825876	-86.941357	56010.28	56251.6	-1.62	56008.66	56008.66016	55994.25536	55994.25391	504304.2	5408101.2
T8100.0	504304.6	5408101.2	8603.79981	223.59	48.08	48.825876	-86.941353	56010.18	56251.6	-1.62	56008.56	56008.55859	55994.21268	55994.21094	504304.6	5408101.2
T8100.0	504304.9	5408101.2	8603.90039	224.76	47.03	48.825876	-86.941347	56010.11	56251.6	-1.62	56008.49	56008.48828	55994.16531	55994.16406	504304.9	5408101.2
T8100.0	504304.9	5408101.2	8604.00000	224.95	47.03	48.825876	-86.941347	56009.95	56251.6	-1.62	56008.33	56008.32813	55994.12127	55994.12109	504304.9	5408101.2
T8100.0	504305.4	5408101.3	8604.09961	223.47	45.76	48.825877	-86.941341	56009.81	56251.6	-1.62	56008.19	56008.19141	55994.07322	55994.07422	504305.4	5408101.3
T8100.0	504305.7	5408101.3	8604.20020	220.95	45.76	48.825877	-86.941337	56009.66	56251.6	-1.62	56008.04	56008.03906	55994.02318	55994.02344	504305.7	5408101.3
T8100.0	504308.9	5408101.4	8605.09961	220.91	43.67	48.825878	-86.941294	56008.34	56251.6	-1.62	56006.72	56006.71875	55994.04850	55994.04688	504308.9	5408101.4
T8100.0	504309.8	5408101.4	8605.20020	222.66	43.67	48.825878	-86.941280	56008.24	56251.6	-1.62	56006.62	56006.62109	55993.98986	55993.98828	504309.8	5408101.4
T8100.0	504310.4	5408101.4	8605.29981	223.39	45.77	48.825878	-86.941273	56008.04	56251.6	-1.62	56006.41	56006.41016	55993.93592	55993.93750	504310.4	5408101.4
T8100.0	504310.4	5408101.4	8605.40039	223.11	52.26	48.825878	-86.941273	56007.93	56251.6	-1.62	56006.31	56006.30859	55993.87205	55993.87109	504310.4	5408101.4
T8100.0	504311.0	5408101.4	8605.50000	223.29	51.78	48.825878	-86.941265	56007.75	56251.6	-1.63	56006.13	56006.12891	55993.81091	55993.81250	504311.0	5408101.4
T8100.0	504311.6	5408101.4	8605.50000	223.29	51.78	48.825878	-86.941257	56007.61	56251.6	-1.63	56005.98	56005.98047	55993.74519	55993.74609	504311.6	5408101.4
T8100.0	504312.2	5408101.4	8605.59961	223.04	48.26	48.825878	-86.941248	56007.50	56251.6	-1.63	56005.88	56005.87891	55993.67357	55993.67188	504312.2	5408101.4
T8100.0	504312.9	5408101.4	8605.79981	222.83	48.15	48.825878	-86.941238	56007.32	56251.6	-1.63	56005.70	56005.69922	55993.60473	55993.60547	504312.9	5408101.4
T8100.0	504312.9	5408101.4	8605.90039	221.02	46.65	48.825878	-86.941238	56007.20	56251.6	-1.63	56005.57	56005.57031	55993.53001	55993.53125	504312.9	5408101.4
T8100.0	504313.6	5408101.4	8606.00000	221.22	46.65	48.825878	-86.941229	56007.05	56251.6	-1.63	56005.42	56005.42188	55993.45410	55993.45313	504313.6	5408101.4
T8100.0	504314.6	5408101.4	8606.09961	225.04	47.81	48.825878	-86.941215	56006.88	56251.6	-1.63	56005.25	56005.25000	55993.37701	55993.37891	504314.6	5408101.4
T8100.0	504314.6	5408101.4	8606.20020	223.71	47.77	48.825878	-86.941215	56006.82	56251.6	-1.63	56005.19	56005.19141	55993.29009	55993.28906	504314.6	5408101.4
T8100.0	504315.4	5408101.4	8606.29981	224.56	47.77	48.825878	-86.941204	56006.59	56251.6	-1.63	56004.96	56004.96094	55993.21202	55993.21094	504315.4	5408101.4
T8100.0	504316.1	5408101.4	8606.40039	224.24	49.52	48.825878	-86.941195	56006.39	56251.6	-1.63	56004.77	56004.76953	55993.12881	55993.12891	504316.1	5408101.4
T8100.0	504316.1	5408101.4	8606.50000	222.61	48.88	48.825878	-86.941195	56006.21	56251.6	-1.63	56004.59	56004.58984	55993.04248	55993.04297	504316.1	5408101.4
T8100.0	504317.0	5408101.4	8606.59961	223.75	48.88	48.825878	-86.941183	56006.04	56251.6	-1.62	56004.41	56004.41016	55992.95371	55992.95313	504317.0	5408101.4
T8100.0	504317.8	5408101.4	8606.70020	225.43	47.04	48.825878	-86.941173	56005.91	56251.6	-1.62	56004.29	56004.28906	55992.85852	55992.85938	504317.8	5408101.4
T8100.0	504318.3	5408101.4	8606.79981	226.34	46.71	48.825878	-86.941165	56005.66	56251.6	-1.62	56004.04	56004.03906	55992.76958	55992.76953	504318.3	5408101.4
T8100.0	504319.1	5408101.4	8606.90039	228.69	45.7	48.825878	-86.941155	56005.45	56251.6	-1.62	56003.83	56003.82813	55992.67559	55992.67578	504319.1	5408101.4
T8100.0	504319.1	5408101.4	8607.00000	227.83	45.7	48.825878	-86.941155	56005.25	56251.6	-1.62	56003.63	56003.62891	55992.57856	55992.57813	504319.1	5408101.4

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
T8100.0	504320.0	5408101.4	8607.09961	226.75	44.11	48.825878	-86.941142	56005.05	56251.6	-1.62	56003.43	56003.42969	55992.47918	55992.48047	504320.0	5408101.4
T8100.0	504320.8	5408101.4	8607.20020	226.16	41.51	48.825878	-86.941131	56004.90	56251.6	-1.62	56003.28	56003.28125	55992.37412	55992.37500	504320.8	5408101.4
T8100.0	504321.7	5408101.4	8607.29981	224.20	41.51	48.825878	-86.941119	56004.74	56251.6	-1.62	56003.12	56003.12109	55992.26742	55992.26563	504321.7	5408101.4
T8100.0	504322.6	5408101.4	8607.40039	222.88	54.24	48.825878	-86.941107	56004.46	56251.6	-1.62	56002.84	56002.83984	55992.16641	55992.16797	504322.6	5408101.4
T8100.0	504322.6	5408101.4	8607.50000	222.97	46.46	48.825878	-86.941107	56004.22	56251.6	-1.62	56002.60	56002.60156	55992.06046	55992.05859	504322.6	5408101.4
T8100.0	504323.5	5408101.4	8607.50000	222.97	46.55	48.825878	-86.941094	56004.01	56251.6	-1.62	56002.39	56002.39063	55991.95026	55991.94922	504323.5	5408101.4
T8100.0	504324.5	5408101.4	8607.59961	224.63	46.55	48.825878	-86.941081	56003.84	56251.6	-1.62	56002.22	56002.21875	55991.83515	55991.83594	504324.5	5408101.4
T8100.0	504325.3	5408101.4	8607.79981	222.55	54.23	48.825878	-86.941069	56003.58	56251.6	-1.62	56001.96	56001.96094	55991.72383	55991.72266	504325.3	5408101.4
T8100.0	504326.1	5408101.4	8607.90039	223.17	54.34	48.825878	-86.941059	56003.33	56251.6	-1.62	56001.71	56001.71094	55991.60966	55991.60938	504326.1	5408101.4
T8100.0	504326.1	5408101.4	8608.00000	223.36	54.34	48.825878	-86.941059	56003.13	56251.6	-1.62	56001.50	56001.50000	55991.49066	55991.49219	504326.1	5408101.4
T8100.0	504326.8	5408101.4	8608.09961	223.96	54.44	48.825878	-86.941050	56002.92	56251.6	-1.62	56001.30	56001.30078	55991.36886	55991.36719	504326.8	5408101.4
T8100.0	504327.9	5408101.4	8608.20020	222.92	54.44	48.825878	-86.941034	56002.68	56251.6	-1.62	56001.05	56001.05078	55991.24829	55991.25000	504327.9	5408101.4
T8100.0	504327.9	5408101.4	8608.29981	223.00	54.03	48.825878	-86.941034	56002.44	56251.6	-1.63	56000.81	56000.80859	55991.12497	55991.12500	504327.9	5408101.4
T8100.0	504328.8	5408101.4	8608.40039	224.11	49.71	48.825878	-86.941022	56002.22	56251.6	-1.63	56000.59	56000.58984	55990.99827	55991.00000	504328.8	5408101.4
T8100.0	504330.4	5408101.4	8608.50000	222.15	49.71	48.825878	-86.941000	56002.02	56251.6	-1.63	56000.39	56000.39063	55990.86822	55990.86719	504330.4	5408101.4
T8100.0	504330.4	5408101.4	8608.59961	221.84	45.09	48.825878	-86.941000	56001.74	56251.6	-1.63	56000.11	56000.10938	55990.74153	55990.74219	504330.4	5408101.4
T8100.0	504331.7	5408101.4	8608.70020	221.50	45.81	48.825878	-86.940982	56001.48	56251.6	-1.63	55999.84	55999.83984	55990.61221	55990.61328	504331.7	5408101.4
T8100.0	504332.4	5408101.4	8608.79981	223.24	45.81	48.825878	-86.940973	56001.21	56251.6	-1.64	55999.57	55999.57031	55990.48099	55990.48047	504332.4	5408101.4
T8100.0	504333.3	5408101.4	8608.90039	223.01	47.65	48.825878	-86.940961	56000.95	56251.6	-1.64	55999.31	55999.30859	55990.34722	55990.34766	504333.3	5408101.4
T8100.0	504333.3	5408101.4	8609.00000	220.34	47.65	48.825878	-86.940961	56000.75	56251.6	-1.64	55999.11	55999.10938	55990.20762	55990.20703	504333.3	5408101.4
T8100.0	504334.6	5408101.4	8609.09961	220.38	52.62	48.825878	-86.940944	56000.42	56251.6	-1.64	55998.78	55998.78125	55990.07490	55990.07422	504334.6	5408101.4
T8100.0	504336.4	5408101.4	8609.29981	220.68	54.45	48.825877	-86.940918	55999.91	56251.6	-1.64	55998.27	55998.26953	55989.95242	55989.95313	504336.4	5408101.4
T8100.0	504336.4	5408101.4	8609.40039	220.39	54.45	48.825877	-86.940918	55999.66	56251.6	-1.64	55998.02	55998.01953	55989.81090	55989.81250	504336.4	5408101.4
T8100.0	504342.3	5408101.4	8610.20020	222.05	52.85	48.825877	-86.940838	55997.21	56251.6	-1.64	55995.57	55995.57031	55989.81438	55989.81250	504342.3	5408101.4
T8100.0	504343.6	5408101.4	8610.29981	225.72	52.85	48.825877	-86.940821	55996.88	56251.6	-1.63	55995.25	55995.25000	55989.67425	55989.67578	504343.6	5408101.4
T8100.0	504344.7	5408101.4	8610.40039	225.47	48.7	48.825877	-86.940806	55996.55	56251.6	-1.63	55994.92	55994.92188	55989.53323	55989.53516	504344.7	5408101.4
T8100.0	504345.8	5408101.4	8610.50000	224.69	48.7	48.825877	-86.940791	55996.25	56251.6	-1.63	55994.62	55994.62109	55989.38868	55989.39063	504345.8	5408101.4
T8100.0	504345.8	5408101.4	8610.59961	225.19	50.61	48.825877	-86.940791	55995.92	56251.6	-1.63	55994.29	55994.28906	55989.24468	55989.24609	504345.8	5408101.4
T8100.0	504347.1	5408101.4	8610.70020	225.01	49.56	48.825877	-86.940773	55995.64	56251.6	-1.63	55994.01	55994.01172	55989.09594	55989.09766	504347.1	5408101.4
T8100.0	504348.3	5408101.4	8610.79981	225.56	49.56	48.825877	-86.940757	55995.21	56251.6	-1.62	55993.59	55993.58984	55988.95518	55988.95703	504348.3	5408101.4
T8100.0	504349.2	5408101.4	8610.90039	220.73	47.14	48.825877	-86.940745	55994.91	56251.6	-1.62	55993.28	55993.28125	55988.80579	55988.80469	504349.2	5408101.4
T8100.0	504349.2	5408101.4	8611.00000	220.41	47.14	48.825877	-86.940745	55994.58	56251.6	-1.62	55992.96	55992.96094	55988.65583	55988.65625	504349.2	5408101.4
T8100.0	504350.4	5408101.4	8611.09961	224.44	47.05	48.825877	-86.940728	55994.25	56251.6	-1.62	55992.63	55992.62891	55988.50537	55988.50391	504350.4	5408101.4
T8100.0	504351.4	5408101.4	8611.20020	224.76	46.59	48.825877	-86.940715	55993.90	56251.6	-1.62	55992.28	55992.28125	55988.35513	55988.35547	504351.4	5408101.4
T8100.0	504352.4	5408101.3	8611.29981	220.33	47.97	48.825877	-86.940700	55993.52	56251.6	-1.62	55991.89	55991.89063	55988.20651	55988.20703	504352.4	5408101.3
T8100.0	504355.8	5408101.3	8611.59961	220.04	52.03	48.825877	-86.940655	55991.89	56251.6	-1.63	55990.27	55990.26953	55988.13891	55988.14063	504355.8	5408101.3
T8100.0	504357.8	5408101.3	8611.90039	220.32	51.9	48.825877	-86.940627	55991.09	56251.6	-1.63	55989.46	55989.46094	55988.01640	55988.01563	504357.8	5408101.3
T8100.0	504357.8	5408101.3	8612.00000	220.59	51.55	48.825877	-86.940627	55990.66	56251.6	-1.63	55989.03	55989.03125	55987.86770	55987.86719	504357.8	5408101.3
T8100.0	504358.9	5408101.3	8612.09961	221.20	51.55	48.825877	-86.940613	55990.23	56251.6	-1.63	55988.60	55988.60156	55987.71824	55987.71875	504358.9	5408101.3
T8100.0	504360.2	5408101.3	8612.20020	220.38	52.46	48.825877	-86.940595	55989.80	56251.6	-1.62	55988.18	55988.17969	55987.56740	55987.56641	504360.2	5408101.3
T8100.0	504363.6	5408101.3	8612.50000	221.67	52.94	48.825877	-86.940548	55988.43	56251.6	-1.61	55986.82	55986.82031	55987.47860	55987.48047	504363.6	5408101.3
T8100.0	504363.6	5408101.3	8612.59961	222.23	52.95	48.825877	-86.940548	55987.95	56251.6	-1.61	55986.35	55986.35156	55987.32990	55987.32813	504363.6	5408101.3
T8100.0	504364.7	5408101.4	8612.70020	221.94	52.95	48.825877	-86.940532	55987.39	56251.6	-1.60	55985.79	55985.78906	55987.18673	55987.18750	504364.7	5408101.4
T8100.0	504365.7	5408101.4	8612.90039	220.57	52.89	48.825877	-86.940520	55986.43	56251.6	-1.59	55984.84	55984.83984	55987.06916	55987.07031	504365.7	5408101.4
T8100.0	504368.1	5408101.4	8613.09961	220.41	52.78	48.825877	-86.940487	55985.45	56251.6	-1.59	55983.85	55983.85156	55986.95392	55986.95313	504368.1	5408101.4
T8100.0	504370.3	5408101.4	8613.29981	222.77	47.3	48.825877	-86.940456	55984.43	56251.6	-1.59	55982.84	55982.83984	55986.83977	55986.83984	504370.3	5408101.4
T8100.0	504370.3	5408101.4	8613.40039	222.67	47.16	48.825877	-86.940456	55983.88	56251.6	-1.59	55982.29	55982.28906	55986.69479	55986.69531	504370.3	5408101.4
T8100.0	504371.7	5408101.4	8613.50000	220.92	47.16	48.825877	-86.940438	55983.37	56251.6	-1.60	55981.78	55981.78125	55986.54706	55986.54688	504371.7	5408101.4
T8100.0	504372.7	5408101.4	8613.50000	220.92	47.01	48.825877	-86.940424	55982.79	56251.6	-1.60	55981.20	55981.19922	55986.40398	55986.40234	504372.7	5408101.4
T8100.0	504373.9	5408101.4	8613.59961	220.67	47.01	48.825877	-86.940407	55982.26	56251.6	-1.60	55980.66	55980.66016	55986.25833	55986.25781	504373.9	5408101.4
T8100.0	504373.9	5408101.4	8613.79981	220.53	46.77	48.825877	-86.940407	55981.73	56251.6	-1.60	55980.13	55980.12891	55986.11217	55986.11328	504373.9	5408101.4
T8100.0	504375.5	5408101.4	8613.90039	221.14	46.55	48.825878	-86.940386	55981.12	56251.6	-1.60	55979.52	55979.51953	55985.97159	55985.97266	504375.5	5408101.4
T8100.0	504376.4	5408101.4	8614.00000	221.33	46.55	48.825878	-86.940373	55980.56	56251.6	-1.60	55978.96	55978.96094	55985.82802	55985.82813	504376.4	5408101.4
T8100.0	504377.4	5408101.5	8614.09961	220.20	51.85	48.825878	-86.940360	55979.98	56251.6	-1.60	55978.38	55978.37891	55985.68620	55985.68750	504377.4	5408101.5
T8100.0	504378.9	5408101.5	8614.20020	220.83	51.85	48.825878	-86.940340	55979.42	56251.6	-1.59	55977.83	55977.82813	55985.54289	55985.54297	504378.9	5408101.5
T8100.0	504380.2	5408101.5	8614.29981	220.38	52.35	48.825878	-86.940322	55978.92	56251.6	-1.59	55977.33	55977.32813	55985.39685	55985.39844	504380.2	5408101.5
T8100.0	504380.2	5408101.5	8614.40039	220.34	52.35	48.825878	-86.940322	55978.29	56251.6	-1.59	55976.70	55976.69922	55985.26016	55985.26172	504380.2	5408101.5
T8100.0	504381.3	5408101.5	8614.50000	221.78	52.4	48.825878	-86.940306	55977.78	56251.6	-1.58	55976.19	55976.19141	55985.11625	55985.11719	504381.3	5408101.5
T8100.0	504382.5	5408101.5	8614.59961	222.85	52.4	48.825878	-86.940290	55977.18	56251.6	-1.58	55975.59	55975.58984	55984.97920	55984.98047	504382.5	5408101.5
T8100.0	504382.5	5408101.5	8614.70020	222.44	52.22	48.825878	-86.940290	55976.62	56251.6	-1.58	55975.04	55975.03906	55984.83979	55984.83984	504382.5	5408101.5
T8100.0	504383.9	5408101.5	8614.79981	222.55	52.18	48.825878	-86.940272	55976.06	56251.6	-1.58	55974.48	55974.48047	55984.70208	55984.70313	504383.9	5408101.5
T8100.0	504385.1	5408101.5	8614.90039	222.89	52.18	48.825878	-86.940255	55975.51	56251.6	-1.57	55973.94	55973.94141	55984.56419	55984.56250	504385.1	5408101.5
T8100.0	504386.5	5408101.5	8615.00000	223.82	52.18	48.825878	-86.940236	55974.88	56251.6	-1.57	55973.31	55973.30859	55984.43354	55984.43359	504386.5	5408101.5
T8100.0	504386.5	5408101.5	8615.09961	224.57	52.11	48.825878	-86.940236	55974.34	56251.6	-1.57	55972.77	55972.76953	55984.29820	55984.29688	504386.5	5408101.5
T8100.0	504387.5	5408101.5	8615.20020	224.64	52.14	48.825878	-86.940223	55973.68	56251.6	-1.57	55972.12	55972.12109	55984.17163	55984.17188	504387.5	5408101.5
T8100.0	504389.4	5408101.5	8615.29981	224.32	52.14	48.825878	-86.940197	55973.16	56251.6	-1.57	55971.59	55971.58984	55984.03856	55984.03906	504389.4	5408101.5
T8100.0	504390.3	5408101.5	8615.40039	222.21	52.01	48.825878	-86.940185	55972.49	56251.6	-1.57	55970.93	55970.92969	55983.91577	55983.91406	504390.3	5408101.5
T8100.0	504391.9	5408101.5	8615.50000	222.50	52.01	48.825878	-86.940163	55971.91	56251.6	-1.57	55970.35	55970.35156	55983.78935	55983.78906	504391.9	5408101.5
T8100.0	504391.9	5408101.5	8615.50000	222.50	51.95	48.825878	-86.940163	55971.25	56251.6	-1.57	55969.69	55969.69141	55983.67005	55983.67188	504391.9	5408101.5
T8100.0	504393.1	5408101.5	8615.59961	222.91	51.95	48.825878	-86.940147	55970.63	56251.6	-1.56	55969.06	55969.05859	55983.55064	55983.55078	504393.1	5408101.5
T8100.0	504394.5	5408101.5	8615.79981	222.57	51.85	48.825878	-86.940128	55970.07	56251.6	-1.56	55968.50	55968.50000	55983.42855	55983.42969	504394.5	5408101.5
T8100.0	504395.5	5408101.5	8615.90039	222.63	51.85	48.825878	-86.940114	55969.34	56251.6	-1.56	55967.78	55967.78125	55983.31919	55983.32031	504395.5	5408101.5
T8100.0	504395.5	5408101.5	8616.00000	222.10	51.67	48.825878	-86.940114	55968.78	56251.6	-1.56	55967.22	55967.21875	55983.20134	55983.20313	504395.5	5408101.5
T8100.0	504397.0	5408101.5	8616.09961	222.19	51.64	48.825878	-86.940093	55968.07	56251.6	-1.56	55966.50	55966.50000	55983.09641	55983.09766	504397.0	5408101.5
T8100.0	504398.1	5408101.5	8616.20020	221.70	51.64	48.825878	-86.940077	55967.41	56251.6	-1.57	55965.84	55965.83984	55982.98983	55982.98828	504398.1	5408101.5
T8100.0	504398.1	5408101.5	8616.29981	220.11	51.65	48.825878	-86.940077	55966.75	56251.6	-1.57	55965.18	55965.17969	55982.88569	55982.88672	504398.1	5408101.5
T8100.0	504400.7	5408101.4	8616.50000	221.13	51.5	48.825878	-86.940043	55965.44	56251.6	-1.58	55963.86	55963.85938	55982.82809	55982.82813	504400.7	5408101.4
T8100.0	504402.0	5408101.4	8616.59961	222.62	51.47	48.825878	-86.940025	55964.75	56251.6	-1.58	55963.17	55963.17188	55982.73110	55982.73047	504402.0	5408101.4
T8100.0	504402.0	5408101.4	8616.70020	222.96	51.44	48.825878	-86.940025	55964.13	56251.6	-1.59	55962.54	55962.53906	55982.63283	55982.63281	504402.0	5408101.4
T8100.0	504403.0	5408101.4	8616.79981	224.12	51.44	48.825878	-86.940011	55963.41	56251.6	-1.59	55961.82	55961.82031	55982.54335	55982.54297	504403.0	5408101.4
T8100.0	504404.7	5408101.5	8616.90039	222.88	51.34	48.825878	-86.939988	55962.71	56251.6	-1.60	55961.11	55961.10938	55982.45609	55982.45703	504404.7	5408101.5
T8100.0	504405.7	5408101.5	8617.00000	223.54	51.34	48.825878	-86.939974	55962.02	56251.6	-1.60	55960.42	55960.42188	55982.37046	55982.37109	504405.7	5408101.5
T8100.0	504407.0	5408101.5	8617.09961	223.49	51.34	48.825878	-86.939957	55961.41	56251.6	-1.60	55959.82	55959.82031	55982.28188	55982.28125	504407.0	5408101.5
T8100.0	504408.1	5408101.5	8617.20020	225.38	51.18	48.825878	-86.939942	55960.76	56251.6	-1.59	55959.17	55959.17188	55982.19977	55982.19922	504408.1	5408101.5
T8100.0	504409.3	5408101.5	8617.29981	226.10	51.18	48.825878	-86.939925	55960.07	56251.6	-1.59	55958.49	55958.48828	55982.12287	55982.12109	504409.3	5408101.5
T8100.0	504409.3	5408101.5	8617.40039	223.37	51.23	48.825878	-86.939925	55959.44	56251.6	-1.58	55957.86	55957.85938	55982.04592	55982.04688	504409.3	5408101.5
T8100.0	504410.7	5408101.5	8617.50000	221.61	51.24	48.825878	-86.939906	55958.73	56251.6	-1.58	55957.15	55957.14844	55981.97766	55981.97656	504410.7	5408101.5
T8100.0	504411.9	5408101.5	8617.50000	221.61	51.24	48.825878	-86.939891	55958.13	56251.6	-1.58	55956.55	55956.55078	55981.90551	55981.90625	504411.9	5408101.5
T8100.0	504415.8	5408101.5	8618.00000	220.89	51.07	48.825878	-86.939837	55955.72	56251.6	-1.56	55954.16	55954.16016	55981.95620	55981.95703	504415.8	5408101.5
T8100.0	504417.0	5408101.5	8618.09961	221.70	50.99	48.825878	-86.939821	55955.20	56251.6	-1.56	55953.64	55953.64063	55981.88579	55981.88672	504417.0	5408101.5
T8100.0	504418.4	5408101.5	8618.20020	221.86	50.99	48.825878	-86.939801	55954.66	56251.6	-1.56	55953.11	55953.10938	55981.81969	55981.82031	504418.4	5408101.5
T8100.0	504418.4	5408101.5	8618.29981	225.92	51.06	48.825878	-86.939801	55954.16	56251.6	-1.56	55952.60	55952.60156	55981.75595	55981.75781	504418.4	5408101.5
T8100.0	504420.1	5408101.5	8618.40039	224.83	51.06	48.825878	-86.939778	55953.68	56251.6	-1.56	55952.12	55952.12109	55981.69397	55981.69531	504420.1	5408101.5

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
T8100.0	504421.6	5408101.6	8618.50000	224.41	51	48.825878	-86.939758	55953.20	56251.6	-1.56	55951.64	55951.64063	55981.63581	55981.63672	504421.6	5408101.6
T8100.0	504421.6	5408101.6	8618.59961	224.71	51.02	48.825878	-86.939758	55952.76	56251.6	-1.55	55951.21	55951.21094	55981.57819	55981.57813	504421.6	5408101.6
T8100.0	504422.8	5408101.6	8618.70020	224.39	51.02	48.825878	-86.939742	55952.38	56251.6	-1.55	55950.83	55950.82813	55981.52115	55981.51953	504422.8	5408101.6
T8100.0	504424.1	5408101.6	8618.79981	222.62	50.96	48.825878	-86.939724	55951.93	56251.6	-1.55	55950.38	55950.37891	55981.47275	55981.47266	504424.1	5408101.6
T8100.0	504425.5	5408101.6	8618.90039	222.59	50.96	48.825878	-86.939705	55951.60	56251.6	-1.55	55950.05	55950.05078	55981.42035	55981.42188	504425.5	5408101.6
T8100.0	504425.5	5408101.6	8619.00000	221.33	50.98	48.825878	-86.939705	55951.25	56251.6	-1.55	55949.70	55949.69922	55981.37334	55981.37500	504425.5	5408101.6
T8100.0	504427.0	5408101.6	8619.09961	221.64	50.98	48.825879	-86.939685	55950.96	56251.5	-1.55	55949.42	55949.42188	55981.32575	55981.32422	504427.0	5408101.6
T8100.0	504428.3	5408101.6	8619.20020	220.95	51.05	48.825879	-86.939667	55950.64	56251.5	-1.55	55949.09	55949.08984	55981.28561	55981.28516	504428.3	5408101.6
T8100.0	504429.6	5408101.6	8619.29981	220.65	51.06	48.825879	-86.939649	55950.34	56251.5	-1.55	55948.79	55948.78906	55981.24762	55981.24609	504429.6	5408101.6
T8100.0	504429.6	5408101.6	8619.40039	220.01	50.96	48.825879	-86.939649	55950.16	56251.5	-1.55	55948.61	55948.60938	55981.20580	55981.20703	504429.6	5408101.6
T8100.0	504431.8	5408101.6	8619.50000	220.24	50.96	48.825878	-86.939618	55949.88	56251.5	-1.54	55948.33	55948.32813	55981.17486	55981.17578	504431.8	5408101.6
T8100.0	504431.8	5408101.6	8619.50000	220.24	50.96	48.825878	-86.939618	55949.70	56251.5	-1.54	55948.16	55948.16016	55981.14080	55981.14063	504431.8	5408101.6
T8100.0	504435.9	5408101.6	8620.00000	221.35	50.3	48.825878	-86.939564	55949.05	56251.5	-1.54	55947.51	55947.51172	55981.14298	55981.14453	504435.9	5408101.6
T8100.0	504437.2	5408101.6	8620.09961	221.31	50.3	48.825878	-86.939546	55948.89	56251.5	-1.54	55947.35	55947.35156	55981.11674	55981.11719	504437.2	5408101.6
T8100.0	504438.2	5408101.6	8620.20020	221.67	50.48	48.825878	-86.939532	55948.77	56251.5	-1.55	55947.22	55947.21875	55981.09276	55981.09375	504438.2	5408101.6
T8100.0	504439.7	5408101.6	8620.29981	222.49	49.76	48.825879	-86.939511	55948.77	56251.5	-1.55	55947.22	55947.21875	55981.06438	55981.06250	504439.7	5408101.6
T8100.0	504439.7	5408101.6	8620.40039	222.45	47.71	48.825879	-86.939511	55948.70	56251.6	-1.55	55947.14	55947.14063	55981.04561	55981.04688	504439.7	5408101.6
T8100.0	504441.2	5408101.6	8620.50000	220.07	47.71	48.825879	-86.939491	55948.64	56251.6	-1.56	55947.09	55947.08984	55981.02911	55981.02734	504441.2	5408101.6
T8100.0	504456.8	5408101.6	8621.90039	221.68	51.73	48.825878	-86.939278	55950.21	56251.5	-1.54	55948.67	55948.67188	55980.90821	55980.91016	504456.8	5408101.6
T8100.0	504456.8	5408101.6	8622.00000	221.42	44.05	48.825878	-86.939278	55950.46	56251.5	-1.54	55948.92	55948.92188	55980.88025	55980.87891	504456.8	5408101.6
T8100.0	504457.9	5408101.6	8622.09961	220.16	48.03	48.825878	-86.939263	55950.64	56251.5	-1.54	55949.10	55949.10156	55980.86122	55980.85938	504457.9	5408101.6
T8100.0	504475.8	5408101.3	8623.59961	220.77	47.96	48.825876	-86.939020	55954.36	56251.6	-1.56	55952.80	55952.80078	55980.61177	55980.61328	504475.8	5408101.3
T8100.0	504477.2	5408101.3	8623.79981	220.58	44.35	48.825876	-86.939000	55954.59	56251.6	-1.56	55953.03	55953.03125	55980.59789	55980.59766	504477.2	5408101.3
T8100.0	504477.2	5408101.3	8623.90039	221.16	43.35	48.825876	-86.939000	55954.76	56251.6	-1.56	55953.20	55953.19922	55980.59224	55980.59375	504477.2	5408101.3
T8100.0	504478.5	5408101.3	8624.00000	221.16	43.35	48.825876	-86.938982	55954.96	56251.6	-1.56	55953.40	55953.39844	55980.58880	55980.58984	504478.5	5408101.3
T8100.0	504479.5	5408101.3	8624.09961	221.73	49.22	48.825876	-86.938969	55955.07	56251.6	-1.56	55953.51	55953.51172	55980.59555	55980.59375	504479.5	5408101.3
T8100.0	504480.8	5408101.3	8624.20020	224.68	49.22	48.825875	-86.938952	55955.22	56251.6	-1.56	55953.66	55953.66016	55980.60381	55980.60547	504480.8	5408101.3
T8100.0	504482.2	5408101.3	8624.29981	224.79	52.62	48.825875	-86.938933	55955.37	56251.6	-1.56	55953.81	55953.80859	55980.61622	55980.61719	504482.2	5408101.3
T8100.0	504482.2	5408101.3	8624.40039	224.00	53.58	48.825875	-86.938933	55955.52	56251.6	-1.56	55953.96	55953.96094	55980.63276	55980.63281	504482.2	5408101.3
T8100.0	504484.0	5408101.3	8624.50000	221.94	54.77	48.825875	-86.938908	55955.63	56251.6	-1.56	55954.07	55954.07031	55980.65607	55980.65625	504484.0	5408101.3
T8100.0	504485.3	5408101.2	8624.59961	221.26	54.77	48.825875	-86.938890	55955.72	56251.6	-1.56	55954.16	55954.16016	55980.68479	55980.68359	504485.3	5408101.2
T8100.0	504486.4	5408101.2	8624.70020	221.40	50.12	48.825875	-86.938875	55955.83	56251.6	-1.56	55954.27	55954.26953	55980.71623	55980.71484	504486.4	5408101.2
T8100.0	504487.5	5408101.2	8624.79981	220.17	51.07	48.825875	-86.938859	55955.95	56251.6	-1.56	55954.39	55954.39063	55980.75103	55980.75000	504487.5	5408101.2
T8100.0	504491.6	5408101.2	8625.20020	221.14	56.17	48.825875	-86.938805	55956.11	56251.6	-1.56	55954.54	55954.53906	55980.78781	55980.78906	504491.6	5408101.2
T8100.0	504492.5	5408101.2	8625.29981	221.49	56.22	48.825875	-86.938792	55956.18	56251.6	-1.56	55954.62	55954.62109	55980.83323	55980.83203	504492.5	5408101.2
T8100.0	504494.1	5408101.2	8625.40039	220.31	55.46	48.825875	-86.938771	55956.18	56251.6	-1.56	55954.62	55954.62109	55980.88792	55980.88672	504494.1	5408101.2
T8100.0	504513.8	5408101.2	8627.20020	220.43	56.46	48.825875	-86.938501	55955.50	56251.6	-1.55	55953.94	55953.94141	55980.99183	55980.99219	504513.8	5408101.2
T8100.0	504515.5	5408101.2	8627.29981	221.67	56.46	48.825875	-86.938479	55955.52	56251.6	-1.55	55953.97	55953.96875	55981.05227	55981.05078	504515.5	5408101.2
T8100.0	504516.6	5408101.2	8627.40039	222.54	56.35	48.825875	-86.938464	55955.42	56251.6	-1.55	55953.86	55953.85938	55981.12588	55981.12500	504516.6	5408101.2
T8100.0	504516.6	5408101.2	8627.50000	223.56	56.45	48.825875	-86.938464	55955.40	56251.6	-1.56	55953.84	55953.83984	55981.19728	55981.19922	504516.6	5408101.2
T8100.0	504518.7	5408101.2	8627.50000	223.56	56.45	48.825875	-86.938434	55955.39	56251.6	-1.56	55953.84	55953.83984	55981.27111	55981.26953	504518.7	5408101.2
T8100.0	504519.9	5408101.2	8627.59961	224.07	56.5	48.825875	-86.938419	55955.42	56251.6	-1.56	55953.86	55953.85938	55981.34732	55981.34766	504519.9	5408101.2
T8100.0	504519.9	5408101.2	8627.79981	223.55	56.39	48.825875	-86.938419	55955.42	56251.6	-1.56	55953.86	55953.85938	55981.42854	55981.42969	504519.9	5408101.2
T8100.0	504521.2	5408101.2	8627.90039	223.62	56.36	48.825875	-86.938400	55955.47	56251.6	-1.56	55953.91	55953.91016	55981.51007	55981.51172	504521.2	5408101.2
T8100.0	504522.5	5408101.2	8628.00000	223.30	56.36	48.825875	-86.938383	55955.47	56251.6	-1.56	55953.91	55953.91016	55981.59854	55981.59766	504522.5	5408101.2
T8100.0	504523.8	5408101.2	8628.09961	222.18	56.36	48.825875	-86.938365	55955.55	56251.6	-1.56	55953.99	55953.98828	55981.68522	55981.68359	504523.8	5408101.2
T8100.0	504525.0	5408101.2	8628.20020	223.57	56.36	48.825875	-86.938349	55955.65	56251.6	-1.56	55954.09	55954.08984	55981.77409	55981.77344	504525.0	5408101.2
T8100.0	504525.0	5408101.2	8628.29981	222.16	56.36	48.825875	-86.938349	55955.68	56251.6	-1.56	55954.12	55954.12109	55981.87110	55981.87109	504525.0	5408101.2
T8100.0	504527.3	5408101.2	8628.40039	224.54	56.36	48.825875	-86.938317	55955.77	56251.6	-1.56	55954.21	55954.21094	55981.96754	55981.96875	504527.3	5408101.2
T8100.0	504528.5	5408101.2	8628.50000	223.29	56.36	48.825875	-86.938302	55955.88	56251.6	-1.56	55954.32	55954.32031	55982.06602	55982.06641	504528.5	5408101.2
T8100.0	504529.7	5408101.2	8628.59961	222.06	56.36	48.825875	-86.938285	55955.90	56251.6	-1.56	55954.34	55954.33984	55982.17384	55982.17578	504529.7	5408101.2
T8100.0	504529.7	5408101.2	8628.70020	220.32	56.36	48.825875	-86.938285	55956.00	56251.6	-1.56	55954.44	55954.44141	55982.27960	55982.28125	504529.7	5408101.2
T8100.0	504537.5	5408101.2	8629.40039	220.07	56.36	48.825874	-86.938178	55956.96	56251.6	-1.56	55955.41	55955.41016	55982.33060	55982.33203	504537.5	5408101.2
T8100.0	504538.8	5408101.2	8629.50000	222.95	56.36	48.825875	-86.938161	55957.17	56251.6	-1.56	55955.61	55955.60938	55982.43612	55982.43750	504538.8	5408101.2
T8100.0	504538.8	5408101.2	8629.50000	222.95	56.36	48.825875	-86.938161	55957.32	56251.6	-1.56	55955.76	55955.76172	55982.54811	55982.54688	504538.8	5408101.2
T8100.0	504539.9	5408101.2	8629.59961	226.26	56.36	48.825875	-86.938146	55957.55	56251.6	-1.55	55955.99	55955.98828	55982.65784	55982.65625	504539.9	5408101.2
T8100.0	504541.1	5408101.2	8629.70020	226.26	56.36	48.825875	-86.938130	55957.75	56251.6	-1.55	55956.19	55956.19141	55982.77259	55982.77344	504541.1	5408101.2
T8100.0	504542.5	5408101.2	8629.79981	224.43	56.36	48.825875	-86.938111	55957.95	56251.6	-1.55	55956.40	55956.39844	55982.88965	55982.89063	504542.5	5408101.2
T8100.0	504542.5	5408101.2	8629.90039	224.02	56.36	48.825875	-86.938111	55958.18	56251.6	-1.55	55956.63	55956.62891	55983.00828	55983.00781	504542.5	5408101.2
T8100.0	504543.7	5408101.2	8630.00000	221.96	130	48.825875	-86.938094	55958.43	56251.6	-1.55	55956.88	55956.87891	55983.12843	55983.12891	504543.7	5408101.2
T8100.0	504548.6	5408101.2	8630.59961	220.50	130	48.825875	-86.938027	55959.80	56251.6	-1.56	55958.24	55958.23828	55983.17738	55983.17578	504548.6	5408101.2
T8100.0	504549.8	5408101.2	8630.70020	223.90	130	48.825875	-86.938011	55960.07	56251.6	-1.56	55958.51	55958.51172	55983.30173	55983.30078	504549.8	5408101.2
T8100.0	504551.0	5408101.2	8630.79981	226.61	130	48.825875	-86.937995	55960.38	56251.6	-1.57	55958.81	55958.80859	55983.42675	55983.42578	504551.0	5408101.2
T8100.0	504552.1	5408101.2	8630.90039	229.12	130	48.825875	-86.937980	55960.68	56251.6	-1.57	55959.12	55959.12109	55983.55372	55983.55469	504552.1	5408101.2
T8100.0	504552.1	5408101.2	8631.00000	229.13	130	48.825875	-86.937980	55961.04	56251.6	-1.57	55959.47	55959.46875	55983.68056	55983.67969	504552.1	5408101.2
T8100.0	504553.3	5408101.2	8631.09961	229.36	130	48.825875	-86.937963	55961.36	56251.6	-1.57	55959.79	55959.78906	55983.81189	55983.81250	504553.3	5408101.2
T8100.0	504554.4	5408101.2	8631.20020	227.75	130	48.825875	-86.937948	55961.74	56251.6	-1.57	55960.17	55960.17188	55983.94163	55983.94141	504554.4	5408101.2
T8100.0	504556.0	5408101.2	8631.29981	225.75	130	48.825874	-86.937927	55962.13	56251.6	-1.57	55960.56	55960.55859	55984.07306	55984.07422	504556.0	5408101.2
T8100.0	504557.1	5408101.2	8631.40039	223.09	130	48.825874	-86.937912	55962.53	56251.6	-1.57	55960.96	55960.96094	55984.20611	55984.20703	504557.1	5408101.2
T8100.0	504557.1	5408101.2	8631.50000	223.85	130	48.825874	-86.937912	55962.98	56251.6	-1.57	55961.42	55961.42188	55984.33738	55984.33594	504557.1	5408101.2
T8100.0	504558.3	5408101.2	8631.50000	223.85	130	48.825874	-86.937895	55963.34	56251.6	-1.57	55961.77	55961.76953	55984.47813	55984.47656	504558.3	5408101.2
T8100.0	504559.4	5408101.2	8631.59961	223.63	130	48.825874	-86.937881	55963.72	56251.6	-1.56	55962.15	55962.14844	55984.61897	55984.61719	504559.4	5408101.2
T8100.0	504559.4	5408101.2	8631.79981	221.79	130	48.825874	-86.937881	55964.20	56251.6	-1.56	55962.64	55962.64063	55984.75449	55984.75391	504559.4	5408101.2
T8100.0	504568.3	5408100.9	8632.79981	220.51	130	48.825871	-86.937759	55968.57	56251.6	-1.58	55967.00	55967.00000	55984.63395	55984.63281	504568.3	5408100.9
T8100.0	504569.2	5408100.8	8632.90039	221.82	130	48.825871	-86.937747	55969.00	56251.6	-1.58	55967.43	55967.42969	55984.77730	55984.77734	504569.2	5408100.8
T8100.0	504569.2	5408100.8	8633.00000	222.90	130	48.825871	-86.937747	55969.46	56251.6	-1.58	55967.88	55967.87891	55984.92113	55984.92188	504569.2	5408100.8
T8100.0	504570.1	5408100.8	8633.09961	222.02	130	48.825871	-86.937735	55969.91	56251.6	-1.58	55968.33	55968.32813	55985.06671	55985.06641	504570.1	5408100.8
T8100.0	504571.0	5408100.8	8633.20020	221.46	130	48.825870	-86.937722	55970.29	56251.6	-1.58	55968.71	55968.71094	55985.21863	55985.21875	504571.0	5408100.8
T8100.0	504571.0	5408100.8	8633.29981	222.24	130	48.825870	-86.937722	55970.72	56251.6	-1.58	55969.15	55969.14844	55985.36817	55985.36719	504571.0	5408100.8
T8100.0	504572.8	5408100.7	8633.50000	220.78	130	48.825870	-86.937697	55971.54	56251.6	-1.57	55969.96	55969.96094	55985.49458	55985.49609	504572.8	5408100.7
T8100.0	504572.8	5408100.7	8633.50000	220.78	130	48.825870	-86.937697	55971.94	56251.6	-1.57	55970.36	55970.35938	55985.64982	55985.64844	504572.8	5408100.7
T8100.0	504573.8	5408100.7	8633.59961	221.05	130	48.825870	-86.937685	55972.32	56251.6	-1.57	55970.75	55970.75000	55985.80714	55985.80859	504573.8	5408100.7
T8100.0	504574.7	5408100.7	8633.79981	222.58	130	48.825869	-86.937672	55972.75	56251.6	-1.57	55971.17	55971.17188	55985.96381	55985.96484	504574.7	5408100.7
T8100.0	504575.6	5408100.6	8633.90039	220.75	130	48.825869	-86.937660	55973.08	56251.6	-1.57	55971.51	55971.51172	55986.12712	55986.12891	504575.6	5408100.6
T8100.0	504576.2	5408100.6	8634.00000	220.72	130	48.825869	-86.937651	55973.46	56251.6	-1.57	55971.89	55971.89063	55986.28899	55986.28906	504576.2	5408100.6
T8100.0	504576.2	5408100.6	8634.09961	222.42	130	48.825869	-86.937651	55973.86	56251.6	-1.57	55972.29	55972.28906	55986.45071	55986.44922	504576.2	5408100.6
T8100.0	504579.0	5408100.5	8634.40039	224.04	130	48.825868	-86.937614	55974.92	56251.6	-1.56	55973.36	55973.35938	55986.56887	55986.57031	504579.0	5408100.5
T8100.0	504579.0	5408100.5	8634.50000	224.75	130	48.825868	-86.937614	55975.28	56251.6	-1.56	55973.72	55973.71875	55986.73543	55986.73438	504579.0	5408100.5
T8100.0	504579.7	5408100.5	8634.59961	225.02	130	48.825867	-86.937604	55975.61	56251.6	-1.56	55974.05	55974.05078	55986.90500	55986.90625	504579.7	5408100.5
T8100.0	504580.4	5408100.4	8634.70020	225.11	130	48.825867	-86.937594	55975.93	56251.6	-1.56	55974.38	55974.37891	55987.07553	55987.07422	504580.4	5408100.4
T8100.0	504580.4	5408100.4	8634.79981	222.80	130	48.825867	-86.937594	55976.29	56251.6	-1.55	55974.73	55974.73047	55987.24562	55987.24609	504580.4	5408100.4
T8100.0	504581.4	5408100.4	8634.90039	221.15	130	48.825867	-86.937580	55976.57	56251.6	-1.55	55975.01	55975.01172	55987.42124	55987.42188	504581.4	5408100.4
T8100.0	504582.0	5408100.4	8635.00000	222.44	130	48.825867	-86.937573	55976.90	56251.6	-1.55	55975.35	55975.35156	55987.59366	55987.59375	504582.0	5408100.4

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
T8100.0	504582.0	5408100.4	8635.09961	223.53	58.47	48.825867	-86.937573	55977.20	56251.6	-1.55	55975.65	55975.64844	55987.76952	55987.76953	504582.0	5408100.4
T8100.0	504583.2	5408100.4	8635.20020	221.58	58.47	48.825866	-86.937556	55977.48	56251.6	-1.55	55975.92	55975.92188	55987.94809	55987.94922	504583.2	5408100.4
T8100.0	504583.7	5408100.3	8635.40039	221.80	58.12	48.825866	-86.937549	55978.06	56251.6	-1.56	55976.50	55976.50000	55988.10666	55988.10547	504583.7	5408100.3
T8100.0	504584.5	5408100.3	8635.50000	221.21	58.12	48.825866	-86.937539	55978.32	56251.6	-1.56	55976.76	55976.76172	55988.28721	55988.28906	504584.5	5408100.3
T8100.0	504584.5	5408100.3	8635.50000	221.21	58.2	48.825866	-86.937539	55978.56	56251.6	-1.56	55977.00	55977.00000	55988.46970	55988.46875	504584.5	5408100.3
T8100.0	504585.7	5408100.3	8635.79981	222.42	58.23	48.825866	-86.937522	55979.07	56251.6	-1.57	55977.50	55977.50000	55988.63541	55988.63672	504585.7	5408100.3
T8100.0	504586.3	5408100.3	8635.90039	223.03	58.08	48.825866	-86.937513	55979.30	56251.6	-1.57	55977.73	55977.73047	55988.81965	55988.82031	504586.3	5408100.3
T8100.0	504587.0	5408100.3	8636.00000	220.11	58.08	48.825865	-86.937505	55979.56	56251.6	-1.57	55977.99	55977.98828	55989.00240	55989.00391	504587.0	5408100.3
T8100.0	504589.1	5408100.2	8636.59961	220.72	58.21	48.825865	-86.937476	55980.74	56251.6	-1.56	55979.17	55979.17188	55989.12428	55989.12500	504589.1	5408100.2
T8100.0	504589.5	5408100.2	8636.70020	224.34	58.21	48.825865	-86.937470	55980.96	56251.6	-1.56	55979.40	55979.39844	55989.30993	55989.30859	504589.5	5408100.2
T8100.0	504589.5	5408100.2	8636.79981	222.41	58.21	48.825865	-86.937470	55981.12	56251.6	-1.56	55979.56	55979.55859	55989.50067	55989.50000	504589.5	5408100.2
T8100.0	504590.2	5408100.2	8636.90039	221.32	58.21	48.825865	-86.937461	55981.35	56251.6	-1.56	55979.79	55979.78906	55989.68714	55989.68750	504590.2	5408100.2
T8100.0	504590.2	5408100.2	8637.00000	224.09	58.21	48.825865	-86.937461	55981.52	56251.6	-1.56	55979.96	55979.96094	55989.87797	55989.87891	504590.2	5408100.2
T8100.0	504590.6	5408100.2	8637.09961	225.16	58.21	48.825865	-86.937456	55981.70	56251.6	-1.56	55980.15	55980.14844	55990.06783	55990.06641	504590.6	5408100.2
T8100.0	504591.0	5408100.2	8637.20020	223.70	58.21	48.825865	-86.937450	55981.88	56251.6	-1.56	55980.32	55980.32031	55990.25935	55990.25781	504591.0	5408100.2
T8100.0	504591.3	5408100.3	8637.29981	223.51	58.21	48.825865	-86.937445	55982.08	56251.6	-1.55	55980.52	55980.51953	55990.44919	55990.44922	504591.3	5408100.3
T8100.0	504591.7	5408100.3	8637.40039	224.14	58.21	48.825866	-86.937440	55982.28	56251.6	-1.55	55980.73	55980.73047	55990.63867	55990.63672	504591.7	5408100.3
T8100.0	504591.7	5408100.3	8637.50000	226.84	58.21	48.825866	-86.937440	55982.41	56251.6	-1.55	55980.86	55980.85938	55990.83377	55990.83203	504591.7	5408100.3
T8100.0	504592.0	5408100.3	8637.50000	226.84	58.21	48.825866	-86.937436	55982.59	56251.6	-1.55	55981.04	55981.03906	55991.02582	55991.02734	504592.0	5408100.3
T8100.0	504592.4	5408100.3	8637.59961	224.33	58.21	48.825866	-86.937431	55982.74	56251.5	-1.55	55981.19	55981.19141	55991.22014	55991.21875	504592.4	5408100.3
T8100.0	504592.6	5408100.3	8637.79981	220.23	58.21	48.825866	-86.937429	55982.89	56251.5	-1.54	55981.35	55981.35156	55991.41405	55991.41406	504592.6	5408100.3
T8100.0	504592.8	5408100.3	8637.90039	222.19	58.21	48.825866	-86.937425	55983.04	56251.5	-1.54	55981.50	55981.50000	55991.60889	55991.60938	504592.8	5408100.3
T8100.0	504593.1	5408100.3	8638.00000	222.08	58.21	48.825866	-86.937421	55983.27	56251.5	-1.54	55981.73	55981.73047	55991.79864	55991.79688	504593.1	5408100.3
T8100.0	504593.1	5408100.3	8638.09961	221.78	58.21	48.825866	-86.937421	55983.35	56251.5	-1.54	55981.81	55981.80859	55991.99864	55992.00000	504593.1	5408100.3
T8100.0	504593.4	5408100.3	8638.20020	222.25	58.21	48.825866	-86.937417	55983.60	56251.5	-1.54	55982.06	55982.05859	55992.18755	55992.18750	504593.4	5408100.3
T8100.0	504593.7	5408100.3	8638.29981	223.00	58.21	48.825866	-86.937413	55983.73	56251.5	-1.55	55982.18	55982.17969	55992.38536	55992.38672	504593.7	5408100.3
T8100.0	504594.0	5408100.3	8638.40039	221.69	58.21	48.825866	-86.937409	55983.93	56251.5	-1.55	55982.38	55982.37891	55992.57808	55992.57813	504594.0	5408100.3
T8100.0	504594.0	5408100.3	8638.50000	222.42	130	48.825866	-86.937409	55984.03	56251.6	-1.55	55982.48	55982.48047	55992.77770	55992.77734	504594.0	5408100.3
T8100.0	504594.2	5408100.3	8638.59961	222.58	130	48.825866	-86.937406	55984.26	56251.6	-1.55	55982.71	55982.71094	55992.96890	55992.96875	504594.2	5408100.3
T8100.0	504594.4	5408100.3	8638.70020	221.81	130	48.825866	-86.937404	55984.41	56251.6	-1.55	55982.86	55982.85938	55993.16567	55993.16406	504594.4	5408100.3
T8100.0	504594.6	5408100.3	8638.79981	224.15	130	48.825866	-86.937401	55984.51	56251.6	-1.56	55982.95	55982.94922	55993.36668	55993.36719	504594.6	5408100.3
T8100.0	504594.7	5408100.4	8638.90039	225.13	130	48.825866	-86.937399	55984.64	56251.6	-1.56	55983.08	55983.07813	55993.56527	55993.56641	504594.7	5408100.4
T8100.0	504594.7	5408100.4	8639.00000	225.87	130	48.825866	-86.937399	55984.71	56251.6	-1.56	55983.15	55983.14844	55993.76811	55993.76953	504594.7	5408100.4
T8100.0	504594.9	5408100.4	8639.09961	225.83	130	48.825866	-86.937397	55984.79	56251.6	-1.56	55983.22	55983.21875	55993.97120	55993.97266	504594.9	5408100.4
T8100.0	504595.0	5408100.4	8639.20020	226.01	130	48.825866	-86.937395	55984.82	56251.6	-1.56	55983.25	55983.25000	55994.17720	55994.17578	504595.0	5408100.4
T8100.0	504595.1	5408100.4	8639.29981	223.67	130	48.825866	-86.937394	55984.82	56251.6	-1.56	55983.25	55983.25000	55994.38547	55994.38672	504595.1	5408100.4
T8100.0	504595.1	5408100.4	8639.40039	221.67	130	48.825866	-86.937394	55984.91	56251.6	-1.56	55983.35	55983.35156	55994.58732	55994.58594	504595.1	5408100.4
T8100.0	504595.2	5408100.4	8639.50000	222.25	130	48.825866	-86.937393	55984.99	56251.6	-1.57	55983.42	55983.42188	55994.79144	55994.79297	504595.2	5408100.4
T8100.0	504595.2	5408100.4	8639.50000	222.25	130	48.825866	-86.937393	55985.07	56251.6	-1.57	55983.50	55983.50000	55994.99516	55994.99609	504595.2	5408100.4
T8100.0	504595.3	5408100.4	8639.59961	220.36	130	48.825867	-86.937391	55985.24	56251.6	-1.57	55983.68	55983.67969	55995.19248	55995.19141	504595.3	5408100.4
T8100.0	504595.4	5408100.4	8639.79981	221.61	130	48.825867	-86.937390	55985.37	56251.6	-1.57	55983.80	55983.80078	55995.39407	55995.39453	504595.4	5408100.4
T8100.0	504595.4	5408100.4	8639.90039	222.05	130	48.825867	-86.937390	55985.52	56251.6	-1.57	55983.95	55983.94922	55995.59394	55995.59375	504595.4	5408100.4
T8100.0	504595.5	5408100.4	8640.00000	221.36	130	48.825867	-86.937388	55985.68	56251.6	-1.57	55984.11	55984.10938	55995.79342	55995.79297	504595.5	5408100.4
T8100.0	504595.7	5408100.4	8640.09961	225.10	130	48.825867	-86.937386	55985.93	56251.6	-1.57	55984.36	55984.35938	55995.98718	55995.98828	504595.7	5408100.4
T8100.0	504595.8	5408100.4	8640.20020	223.84	130	48.825867	-86.937384	55986.18	56251.6	-1.57	55984.61	55984.60938	55996.18122	55996.17969	504595.8	5408100.4
T8100.0	504595.9	5408100.4	8640.29981	222.67	130	48.825867	-86.937383	55986.48	56251.6	-1.57	55984.91	55984.91016	55996.37221	55996.37109	504595.9	5408100.4
T8100.0	504596.1	5408100.4	8640.40039	223.85	130	48.825867	-86.937380	55986.74	56251.6	-1.57	55985.17	55985.17188	55996.56615	55996.56641	504596.1	5408100.4
T8100.0	504596.4	5408100.4	8640.50000	224.58	130	48.825867	-86.937377	55987.09	56251.6	-1.57	55985.52	55985.51953	55996.75437	55996.75391	504596.4	5408100.4
T8100.0	504596.6	5408100.4	8640.59961	226.19	130	48.825867	-86.937374	55987.37	56251.6	-1.56	55985.80	55985.80078	55996.94754	55996.94922	504596.6	5408100.4
T8100.0	504596.8	5408100.4	8640.70020	224.96	130	48.825867	-86.937371	55987.65	56251.6	-1.56	55986.08	55986.07813	55997.14099	55997.14063	504596.8	5408100.4
T8100.0	504597.0	5408100.4	8640.79981	223.92	130	48.825867	-86.937368	55988.05	56251.6	-1.56	55986.49	55986.48828	55997.32605	55997.32422	504597.0	5408100.4
T8100.0	504597.3	5408100.4	8640.90039	223.89	130	48.825867	-86.937365	55988.36	56251.6	-1.56	55986.80	55986.80078	55997.51805	55997.51953	504597.3	5408100.4
T8100.0	504597.5	5408100.4	8641.00000	223.96	130	48.825867	-86.937361	55988.68	56251.6	-1.56	55987.12	55987.12109	55997.70966	55997.71094	504597.5	5408100.4
T8100.0	504597.5	5408100.4	8641.09961	223.86	130	48.825867	-86.937361	55989.04	56251.6	-1.56	55987.48	55987.48047	55997.89887	55997.89844	504597.5	5408100.4
T8100.0	504597.7	5408100.5	8641.20020	224.33	130	48.825867	-86.937358	55989.32	56251.6	-1.56	55987.76	55987.76172	55998.09368	55998.09375	504597.7	5408100.5
T8100.0	504598.0	5408100.5	8641.29981	223.80	130	48.825867	-86.937355	55989.62	56251.6	-1.56	55988.06	55988.05859	55998.28741	55998.28906	504598.0	5408100.5
T8100.0	504598.2	5408100.5	8641.40039	224.22	130	48.825867	-86.937352	55989.95	56251.6	-1.56	55988.39	55988.39063	55998.47940	55998.48047	504598.2	5408100.5
T8100.0	504598.4	5408100.5	8641.50000	226.50	130	48.825867	-86.937349	55990.23	56251.6	-1.56	55988.67	55988.67188	55998.67496	55998.67578	504598.4	5408100.5
T8100.0	504598.7	5408100.5	8641.50000	226.50	130	48.825868	-86.937346	55990.63	56251.6	-1.56	55989.08	55989.07813	55998.86210	55998.86328	504598.7	5408100.5
T8100.0	504598.9	5408100.5	8641.59961	226.68	130	48.825868	-86.937342	55990.86	56251.6	-1.55	55989.30	55989.30078	55999.06213	55999.06250	504598.9	5408100.5
T8100.0	504599.1	5408100.5	8641.79981	228.62	130	48.825868	-86.937339	55991.21	56251.6	-1.55	55989.66	55989.66016	55999.25305	55999.25391	504599.1	5408100.5
T8100.0	504599.4	5408100.5	8641.90039	226.56	130	48.825868	-86.937336	55991.57	56251.6	-1.55	55990.01	55990.01172	55999.44484	55999.44531	504599.4	5408100.5
T8100.0	504599.4	5408100.5	8642.00000	226.95	130	48.825868	-86.937336	55991.85	56251.6	-1.55	55990.30	55990.30078	55999.64084	55999.64063	504599.4	5408100.5
T8100.0	504599.7	5408100.5	8642.09961	226.40	130	48.825867	-86.937331	55992.20	56251.6	-1.55	55990.65	55990.64844	55999.83303	55999.83203	504599.7	5408100.5
T8100.0	504600.0	5408100.5	8642.20020	224.78	130	48.825867	-86.937327	55992.56	56251.6	-1.55	55991.00	55991.00000	56000.02540	56000.02734	504600.0	5408100.5
T8100.0	504600.3	5408100.5	8642.29981	225.11	130	48.825867	-86.937323	55992.86	56251.6	-1.55	55991.31	55991.30859	56000.22060	56000.21875	504600.3	5408100.5
T8100.0	504600.3	5408100.5	8642.40039	226.21	130	48.825867	-86.937323	55993.24	56251.6	-1.55	55991.69	55991.69141	56000.41129	56000.41016	504600.3	5408100.5
T8100.0	504600.6	5408100.4	8642.50000	224.86	130	48.825867	-86.937319	55993.56	56251.6	-1.55	55992.01	55992.01172	56000.60612	56000.60547	504600.6	5408100.4
T8100.0	504600.8	5408100.4	8642.59961	224.89	130	48.825867	-86.937316	55993.89	56251.6	-1.55	55992.34	55992.33984	56000.80041	56000.80078	504600.8	5408100.4
T8100.0	504601.1	5408100.4	8642.70020	227.87	130	48.825867	-86.937313	55994.25	56251.6	-1.55	55992.70	55992.69922	56000.99282	56000.99219	504601.1	5408100.4
T8100.0	504601.1	5408100.4	8642.79981	229.45	130	48.825867	-86.937313	55994.57	56251.6	-1.55	55993.02	55993.01953	56001.18799	56001.18750	504601.1	5408100.4
T8100.0	504601.3	5408100.4	8642.90039	229.79	130	48.825867	-86.937309	55994.88	56251.6	-1.55	55993.33	55993.32813	56001.38391	56001.38281	504601.3	5408100.4
T8100.0	504601.6	5408100.5	8643.00000	229.17	130	48.825867	-86.937305	55995.26	56251.6	-1.55	55993.71	55993.71094	56001.57524	56001.57422	504601.6	5408100.5
T8100.0	504601.6	5408100.5	8643.09961	230.75	130	48.825867	-86.937305	55995.64	56251.6	-1.55	55994.09	55994.08984	56001.76662	56001.76563	504601.6	5408100.5
T8100.0	504602.2	5408100.4	8643.20020	231.68	130	48.825867	-86.937298	55995.92	56251.6	-1.55	55994.36	55994.35938	56001.96538	56001.96484	504602.2	5408100.4
T8100.0	504602.4	5408100.4	8643.29981	230.76	130	48.825867	-86.937294	55996.27	56251.6	-1.56	55994.71	55994.71094	56002.15882	56002.16016	504602.4	5408100.4
T8100.0	504602.7	5408100.4	8643.40039	230.51	130	48.825867	-86.937291	55996.57	56251.6	-1.56	55995.02	55995.01953	56002.35494	56002.35547	504602.7	5408100.4
T8100.0	504602.7	5408100.4	8643.50000	231.27	130	48.825867	-86.937291	55996.88	56251.6	-1.56	55995.32	55995.32031	56002.55171	56002.55078	504602.7	5408100.4
T8100.0	504603.0	5408100.4	8643.50000	231.27	130	48.825867	-86.937287	55997.23	56251.6	-1.56	55995.67	55995.67188	56002.74512	56002.74609	504603.0	5408100.4
T8100.0	504603.2	5408100.4	8643.59961	232.96	130	48.825867	-86.937283	55997.54	56251.6	-1.56	55995.98	55995.98047	56002.94115	56002.94141	504603.2	5408100.4
T8100.0	504603.2	5408100.4	8643.79981	233.63	130	48.825867	-86.937283	55997.87	56251.6	-1.57	55996.30	55996.30078	56003.13645	56003.13672	504603.2	5408100.4
T8100.0	504603.6	5408100.4	8643.90039	233.83	130	48.825867	-86.937278	55998.20	56251.6	-1.57	55996.63	55996.62891	56003.33101	56003.33203	504603.6	5408100.4
T8100.0	504603.8	5408100.4	8644.00000	234.23	130	48.825867	-86.937275	55998.52	56251.6	-1.57	55996.95	55996.94922	56003.52613	56003.52734	504603.8	5408100.4
T8100.0	504604.2	5408100.5	8644.09961	235.82	130	48.825867	-86.937270	55998.86	56251.6	-1.57	55997.29	55997.28906	56003.71981	56003.71875	504604.2	5408100.5
T8100.0	504604.4	5408100.5	8644.20020	235.87	130	48.825867	-86.937267	55999.16	56251.6	-1.57	55997.59	55997.58984	56003.91602	56003.91406	504604.4	5408100.5
T8100.0	504604.7	5408100.5	8644.29981	237.18	130	48.825867	-86.937263	55999.51	56251.6	-1.57	55997.94	55997.94141	56004.10874	56004.10938	504604.7	5408100.5
T8100.0	504604.7	5408100.5	8644.40039	236.68	130	48.825867	-86.937263	55999.82	56251.6	-1.57	55998.25	55998.25000	56004.30395	56004.30469	504604.7	5408100.5
T8100.0	504605.0	5408100.5	8644.50000	235.59	130	48.825868	-86.937259	56000.17	56251.6	-1.57	55998.60	55998.60156	56004.49632	56004.49609	504605.0	5408100.5
T8100.0	504605.2	5408100.5	8644.59961	233.43	130	48.825868	-86.937256	56000.45	56251.6	-1.56	55998.88	55998.87891	56004.69314	56004.69141	504605.2	5408100.5
T8100.0	504605.7	5408100.5	8644.70020	232.14	130	48.825868	-86.937250	56000.77	56251.6	-1.56	55999.21	55999.21094	56004.88640	56004.88672	504605.7	5408100.5
T8100.0	504605.7	5408100.5	8644.79981	231.89	130	48.825868	-86.937250	56001.11	56251.6	-1.56	55999.54	55999.53906	56005.07942	56005.07813	504605.7	5408100.5
T8100.0	504606.0	5408100.5	8644.90039	231.15	130	48.825868	-86.937246	56001.41	56251.6	-1.56	55999.85	55999.85156	56005.27351	56005.27344	504606.0	5408100.5
T8100.0	504606.2	5408100.6	8645.00000	228.01	130	48.825868	-86.937242	56001.76	56251.6	-1.56	56000.20	56000.19922	56005.46465	56005.46484	504606.2	5408100.6

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
T8100.0	504606.5	5408100.6	8645.09961	228.91	130	48.825868	-86.937239	56002.04	56251.6	-1.56	56000.48	56000.48047	56005.66015	56005.66016	504606.5	5408100.6
T8100.0	504606.5	5408100.6	8645.20020	229.27	130	48.825868	-86.937239	56002.42	56251.6	-1.56	56000.86	56000.85938	56005.84868	56005.84766	504606.5	5408100.6
T8100.0	504606.9	5408100.6	8645.29981	231.77	130	48.825869	-86.937233	56002.67	56251.6	-1.56	56001.11	56001.10938	56006.04553	56006.04688	504606.9	5408100.6
T8100.0	504607.3	5408100.6	8645.40039	233.09	130	48.825869	-86.937227	56003.03	56251.6	-1.56	56001.47	56001.46875	56006.23469	56006.23438	504607.3	5408100.6
T8100.0	504607.5	5408100.6	8645.50000	232.65	130	48.825869	-86.937225	56003.31	56251.6	-1.56	56001.75	56001.75000	56006.42882	56006.42969	504607.5	5408100.6
T8100.0	504607.8	5408100.7	8645.50000	232.65	130	48.825869	-86.937220	56003.66	56251.6	-1.56	56002.11	56002.10938	56006.61722	56006.61719	504607.8	5408100.7
T8100.0	504607.8	5408100.7	8645.59961	234.65	130	48.825869	-86.937220	56003.96	56251.6	-1.55	56002.41	56002.41016	56006.80921	56006.80859	504607.8	5408100.7
T8100.0	504608.2	5408100.7	8645.79981	238.97	130	48.825869	-86.937216	56004.29	56251.6	-1.55	56002.73	56002.73047	56006.99944	56007.00000	504608.2	5408100.7
T8100.0	504608.5	5408100.7	8645.90039	239.19	130	48.825869	-86.937212	56004.59	56251.6	-1.55	56003.04	56003.03906	56007.18989	56007.19141	504608.5	5408100.7
T8100.0	504608.9	5408100.7	8646.00000	240.22	130	48.825869	-86.937206	56004.92	56251.6	-1.55	56003.37	56003.37109	56007.37854	56007.37891	504608.9	5408100.7
T8100.0	504608.9	5408100.7	8646.09961	239.36	130	48.825869	-86.937206	56005.28	56251.6	-1.55	56003.72	56003.71875	56007.56538	56007.56641	504608.9	5408100.7
T8100.0	504609.2	5408100.7	8646.20020	238.46	130	48.825869	-86.937202	56005.53	56251.6	-1.55	56003.98	56003.98047	56007.75771	56007.75781	504609.2	5408100.7
T8100.0	504609.5	5408100.7	8646.29981	236.70	130	48.825869	-86.937197	56005.88	56251.6	-1.56	56004.33	56004.32813	56007.94353	56007.94531	504609.5	5408100.7
T8100.0	504609.8	5408100.7	8646.40039	234.89	130	48.825869	-86.937194	56006.16	56251.6	-1.56	56004.61	56004.60938	56008.13349	56008.13281	504609.8	5408100.7
T8100.0	504610.1	5408100.7	8646.50000	235.17	130	48.825869	-86.937190	56006.44	56251.6	-1.56	56004.88	56004.87891	56008.32355	56008.32422	504610.1	5408100.7
T8100.0	504610.3	5408100.7	8646.59961	235.19	130	48.825869	-86.937186	56006.74	56251.6	-1.56	56005.18	56005.17969	56008.51105	56008.51172	504610.3	5408100.7
T8100.0	504610.6	5408100.6	8646.70020	234.82	130	48.825869	-86.937183	56007.10	56251.6	-1.56	56005.54	56005.53906	56008.69396	56008.69531	504610.6	5408100.6
T8100.0	504610.9	5408100.6	8646.79981	236.48	130	48.825869	-86.937178	56007.35	56251.6	-1.57	56005.79	56005.78906	56008.88360	56008.88281	504610.9	5408100.6
T8100.0	504610.9	5408100.6	8646.90039	237.29	130	48.825869	-86.937178	56007.66	56251.6	-1.57	56006.09	56006.08984	56009.06929	56009.07031	504610.9	5408100.6
T8100.0	504611.4	5408100.6	8647.00000	239.41	130	48.825869	-86.937172	56007.96	56251.6	-1.57	56006.39	56006.39063	56009.25433	56009.25391	504611.4	5408100.6
T8100.0	504611.7	5408100.6	8647.09961	239.06	130	48.825869	-86.937167	56008.24	56251.6	-1.57	56006.67	56006.67188	56009.44006	56009.44141	504611.7	5408100.6
T8100.0	504612.0	5408100.6	8647.20020	238.82	130	48.825868	-86.937164	56008.52	56251.6	-1.57	56006.95	56006.94922	56009.62512	56009.62500	504612.0	5408100.6
T8100.0	504612.3	5408100.6	8647.29981	238.89	130	48.825868	-86.937160	56008.79	56251.6	-1.57	56007.22	56007.21875	56009.81015	56009.80859	504612.3	5408100.6
T8100.0	504612.3	5408100.6	8647.40039	237.26	130	48.825868	-86.937160	56009.09	56251.6	-1.57	56007.52	56007.51953	56009.99248	56009.99219	504612.3	5408100.6
T8100.0	504612.6	5408100.6	8647.50000	237.54	130	48.825868	-86.937156	56009.32	56251.6	-1.57	56007.75	56007.75000	56010.17876	56010.17969	504612.6	5408100.6
T8100.0	504612.9	5408100.6	8647.50000	237.54	130	48.825868	-86.937152	56009.68	56251.6	-1.57	56008.11	56008.10938	56010.35563	56010.35547	504612.9	5408100.6
T8100.0	504613.1	5408100.6	8647.59961	237.47	130	48.825868	-86.937149	56009.88	56251.6	-1.57	56008.31	56008.30859	56010.54242	56010.54297	504613.1	5408100.6
T8100.0	504613.5	5408100.5	8647.79981	239.53	130	48.825868	-86.937144	56010.16	56251.6	-1.57	56008.59	56008.58984	56010.72311	56010.72266	504613.5	5408100.5
T8100.0	504613.7	5408100.5	8647.90039	239.45	130	48.825868	-86.937140	56010.48	56251.6	-1.57	56008.91	56008.91016	56010.90035	56010.89844	504613.7	5408100.5
T8100.0	504614.0	5408100.5	8648.00000	239.73	130	48.825868	-86.937137	56010.69	56251.6	-1.57	56009.12	56009.12109	56011.08412	56011.08594	504614.0	5408100.5
T8100.0	504614.0	5408100.5	8648.09961	241.02	130	48.825868	-86.937137	56011.02	56251.6	-1.57	56009.45	56009.44922	56011.25908	56011.25781	504614.0	5408100.5
T8100.0	504614.4	5408100.5	8648.20020	241.46	130	48.825868	-86.937131	56011.25	56251.6	-1.57	56009.68	56009.67969	56011.43988	56011.44141	504614.4	5408100.5
T8100.0	504614.4	5408100.5	8648.29981	242.30	130	48.825868	-86.937131	56011.55	56251.6	-1.57	56009.98	56009.98047	56011.61516	56011.61328	504614.4	5408100.5
T8100.0	504614.9	5408100.5	8648.40039	242.00	130	48.825867	-86.937124	56011.78	56251.6	-1.57	56010.21	56010.21094	56011.79425	56011.79297	504614.9	5408100.5
T8100.0	504615.1	5408100.5	8648.50000	239.94	130	48.825867	-86.937121	56012.06	56251.6	-1.57	56010.49	56010.48828	56011.96913	56011.96875	504615.1	5408100.5
T8100.0	504615.4	5408100.4	8648.59961	239.22	130	48.825867	-86.937117	56012.28	56251.6	-1.56	56010.72	56010.71875	56012.14646	56012.14453	504615.4	5408100.4
T8100.0	504615.7	5408100.4	8648.70020	239.45	130	48.825867	-86.937113	56012.56	56251.6	-1.56	56011.00	56011.00000	56012.31954	56012.32031	504615.7	5408100.4
T8100.0	504615.9	5408100.4	8648.79981	238.59	130	48.825867	-86.937110	56012.82	56251.6	-1.56	56011.26	56011.26172	56012.49305	56012.49219	504615.9	5408100.4
T8100.0	504616.2	5408100.4	8648.90039	238.65	130	48.825867	-86.937107	56013.12	56251.6	-1.56	56011.56	56011.55859	56012.66295	56012.66406	504616.2	5408100.4
T8100.0	504616.5	5408100.4	8649.00000	239.41	130	48.825867	-86.937103	56013.32	56251.6	-1.56	56011.76	56011.76172	56012.83857	56012.83984	504616.5	5408100.4
T8100.0	504616.8	5408100.4	8649.09961	240.56	130	48.825866	-86.937098	56013.63	56251.6	-1.56	56012.07	56012.07031	56013.00590	56013.00781	504616.8	5408100.4
T8100.0	504617.1	5408100.4	8649.20020	241.71	130	48.825866	-86.937094	56013.85	56251.6	-1.56	56012.29	56012.28906	56013.17825	56013.17969	504617.1	5408100.4
T8100.0	504617.1	5408100.4	8649.29981	244.20	130	48.825866	-86.937094	56014.13	56251.6	-1.56	56012.58	56012.57813	56013.34495	56013.34375	504617.1	5408100.4
T8100.0	504617.5	5408100.4	8649.40039	244.63	130	48.825866	-86.937089	56014.34	56251.6	-1.56	56012.78	56012.78125	56013.51665	56013.51563	504617.5	5408100.4
T8100.0	504617.8	5408100.4	8649.50000	247.81	130	48.825866	-86.937084	56014.61	56251.6	-1.56	56013.06	56013.05859	56013.68200	56013.68359	504617.8	5408100.4
T8100.0	504618.1	5408100.4	8649.50000	247.81	130	48.825866	-86.937080	56014.84	56251.6	-1.56	56013.28	56013.28125	56013.85032	56013.85156	504618.1	5408100.4
T8100.0	504618.5	5408100.4	8649.59961	246.90	130	48.825866	-86.937076	56015.14	56251.6	-1.55	56013.59	56013.58984	56014.01160	56014.01172	504618.5	5408100.4
T8100.0	504618.7	5408100.3	8649.79981	247.90	130	48.825866	-86.937072	56015.37	56251.6	-1.55	56013.81	56013.80859	56014.17782	56014.17969	504618.7	5408100.3
T8100.0	504619.0	5408100.4	8649.90039	248.50	130	48.825866	-86.937068	56015.60	56251.6	-1.55	56014.05	56014.05078	56014.34165	56014.33984	504619.0	5408100.4
T8100.0	504619.3	5408100.4	8650.00000	247.54	130	48.825866	-86.937065	56015.85	56251.6	-1.55	56014.30	56014.30078	56014.50373	56014.50391	504619.3	5408100.4
T8100.0	504619.5	5408100.4	8650.09961	246.11	130	48.825866	-86.937061	56016.11	56251.6	-1.55	56014.56	56014.55859	56014.66405	56014.66406	504619.5	5408100.4
T8100.0	504619.5	5408100.4	8650.20020	245.22	130	48.825866	-86.937061	56016.33	56251.6	-1.55	56014.78	56014.78125	56014.82594	56014.82422	504619.5	5408100.4
T8100.0	504619.9	5408100.4	8650.29981	244.88	130	48.825866	-86.937056	56016.64	56251.6	-1.55	56015.09	56015.08984	56014.98072	56014.98047	504619.9	5408100.4
T8100.0	504620.2	5408100.4	8650.40039	242.73	130	48.825866	-86.937052	56016.81	56251.6	-1.55	56015.26	56015.26172	56015.14370	56015.14453	504620.2	5408100.4
T8100.0	504620.5	5408100.4	8650.50000	244.10	130	48.825866	-86.937048	56017.09	56251.6	-1.55	56015.54	56015.53906	56015.29822	56015.29688	504620.5	5408100.4
T8100.0	504620.9	5408100.4	8650.59961	244.62	130	48.825866	-86.937043	56017.32	56251.6	-1.55	56015.77	56015.76953	56015.45493	56015.45313	504620.9	5408100.4
T8100.0	504620.9	5408100.4	8650.70020	244.91	130	48.825866	-86.937043	56017.57	56251.6	-1.55	56016.02	56016.01953	56015.60915	56015.60938	504620.9	5408100.4
T8100.0	504621.4	5408100.4	8650.79981	246.76	130	48.825866	-86.937036	56017.82	56251.6	-1.55	56016.27	56016.26953	56015.76220	56015.76172	504621.4	5408100.4
T8100.0	504621.7	5408100.4	8650.90039	248.33	130	48.825866	-86.937032	56018.02	56251.6	-1.55	56016.47	56016.46875	56015.91742	56015.91797	504621.7	5408100.4
T8100.0	504621.7	5408100.4	8651.00000	247.82	130	48.825866	-86.937032	56018.31	56251.6	-1.55	56016.75	56016.75000	56016.06612	56016.06641	504621.7	5408100.4
T8100.0	504622.0	5408100.4	8651.09961	247.29	130	48.825866	-86.937027	56018.53	56251.5	-1.55	56016.98	56016.98047	56016.21696	56016.21875	504622.0	5408100.4
T8100.0	504622.4	5408100.4	8651.20020	247.53	130	48.825866	-86.937022	56018.79	56251.5	-1.55	56017.24	56017.23828	56016.36461	56016.36328	504622.4	5408100.4
T8100.0	504622.7	5408100.4	8651.29981	248.14	130	48.825866	-86.937018	56018.98	56251.5	-1.55	56017.43	56017.42969	56016.51572	56016.51563	504622.7	5408100.4
T8100.0	504623.0	5408100.4	8651.40039	248.71	130	48.825866	-86.937014	56019.22	56251.5	-1.55	56017.67	56017.67188	56016.66228	56016.66406	504623.0	5408100.4
T8100.0	504623.2	5408100.3	8651.50000	246.78	130	48.825866	-86.937011	56019.44	56251.5	-1.54	56017.89	56017.89063	56016.80896	56016.80859	504623.2	5408100.3
T8100.0	504623.2	5408100.3	8651.50000	246.78	130	48.825866	-86.937011	56019.67	56251.5	-1.54	56018.12	56018.12109	56016.95376	56016.95313	504623.2	5408100.3
T8100.0	504623.6	5408100.3	8651.59961	246.92	130	48.825866	-86.937006	56019.90	56251.5	-1.54	56018.35	56018.35156	56017.09732	56017.09766	504623.6	5408100.3
T8100.0	504623.9	5408100.3	8651.79981	250.03	130	48.825866	-86.937001	56020.15	56251.5	-1.54	56018.61	56018.60938	56017.23766	56017.23828	504623.9	5408100.3
T8100.0	504624.2	5408100.3	8651.90039	249.26	130	48.825866	-86.936997	56020.36	56251.5	-1.54	56018.81	56018.80859	56017.38076	56017.37891	504624.2	5408100.3
T8100.0	504624.5	5408100.3	8652.00000	250.15	130	48.825866	-86.936993	56020.53	56251.5	-1.54	56018.99	56018.98828	56017.52395	56017.52344	504624.5	5408100.3
T8100.0	504624.9	5408100.3	8652.09961	250.63	130	48.825866	-86.936988	56020.83	56251.5	-1.54	56019.29	56019.28906	56017.65791	56017.65625	504624.9	5408100.3
T8100.0	504624.9	5408100.3	8652.20020	250.68	130	48.825866	-86.936988	56021.02	56251.5	-1.54	56019.47	56019.46875	56017.79862	56017.79688	504624.9	5408100.3
T8100.0	504625.1	5408100.3	8652.29981	251.03	130	48.825866	-86.936985	56021.26	56251.5	-1.55	56019.72	56019.71875	56017.93343	56017.93359	504625.1	5408100.3
T8100.0	504625.4	5408100.3	8652.40039	250.68	130	48.825866	-86.936981	56021.46	56251.5	-1.55	56019.91	56019.91016	56018.07100	56018.07031	504625.4	5408100.3
T8100.0	504625.9	5408100.4	8652.50000	249.90	130	48.825866	-86.936974	56021.64	56251.6	-1.55	56020.09	56020.08984	56018.20799	56018.20703	504625.9	5408100.4
T8100.0	504625.9	5408100.4	8652.59961	250.34	130	48.825866	-86.936974	56021.85	56251.6	-1.55	56020.30	56020.30078	56018.34174	56018.33984	504625.9	5408100.4
T8100.0	504626.2	5408100.4	8652.70020	249.51	130	48.825866	-86.936971	56021.97	56251.6	-1.55	56020.42	56020.42188	56018.48025	56018.48047	504626.2	5408100.4
T8100.0	504626.4	5408100.4	8652.79981	250.06	130	48.825866	-86.936968	56022.20	56251.6	-1.56	56020.64	56020.64063	56018.61086	56018.60938	504626.4	5408100.4
T8100.0	504626.6	5408100.4	8652.90039	251.87	130	48.825866	-86.936965	56022.35	56251.6	-1.56	56020.79	56020.78906	56018.74491	56018.74609	504626.6	5408100.4
T8100.0	504626.9	5408100.4	8653.00000	251.96	130	48.825866	-86.936961	56022.43	56251.6	-1.56	56020.87	56020.87109	56018.88240	56018.88281	504626.9	5408100.4
T8100.0	504627.0	5408100.4	8653.09961	249.62	130	48.825866	-86.936959	56022.58	56251.6	-1.56	56021.02	56021.01953	56019.01400	56019.01563	504627.0	5408100.4
T8100.0	504627.2	5408100.4	8653.20020	250.28	130	48.825866	-86.936956	56022.68	56251.6	-1.56	56021.12	56021.12109	56019.14772	56019.14844	504627.2	5408100.4
T8100.0	504627.4	5408100.4	8653.29981	252.14	130	48.825866	-86.936954	56022.78	56251.6	-1.56	56021.22	56021.21875	56019.28023	56019.28125	504627.4	5408100.4
T8100.0	504627.4	5408100.4	8653.40039	255.05	130	48.825866	-86.936954	56022.84	56251.6	-1.56	56021.28	56021.28125	56019.41421	56019.41406	504627.4	5408100.4
T8100.0	504627.6	5408100.4	8653.50000	255.93	130	48.825866	-86.936951	56022.91	56251.6	-1.56	56021.35	56021.35156	56019.54633	56019.54688	504627.6	5408100.4
T8100.0	504627.8	5408100.4	8653.50000	255.93	130	48.825866	-86.936949	56022.96	56251.6	-1.56	56021.40	56021.39844	56019.67860	56019.67969	504627.8	5408100.4
T8100.0	504627.8	5408100.4	8653.59961	256.99	130	48.825866	-86.936949	56023.01	56251.6	-1.55	56021.45	56021.44922	56019.80969	56019.80859	504627.8	5408100.4
T8100.0	504627.9	5408100.4	8653.79981	256.68	130	48.825866	-86.936947	56023.01	56251.6	-1.55	56021.46	56021.46094	56019.94229	56019.94141	504627.9	5408100.4
T8100.0	504628.0	5408100.4	8653.90039	256.59	130	48.825866	-86.936946	56023.06	56251.6	-1.55	56021.51	56021.51172	56020.07107	56020.07031	504628.0	5408100.4
T8100.0	504628.1	5408100.4	8654.00000	256.09	130	48.825866	-86.936944	56023.06	56251.6	-1.55	56021.51	56021.51172	56020.20204	56020.20313	504628.1	5408100.4
T8100.0	504628.2	5408100.4	8654.09961	253.84	130	48.825866	-86.936943	56023.06	56251.6	-1.55	56021.51	56021.51172	56020.33189	56020.33203	504628.2	5408100.4
T8100.0	504628.3	5408100.4	8654.20020	251.00	130	48.825866	-86.936942	56023.06	56251.6	-1.55	56021.51	56021.51172	56020.46061	56020.46094	504628.3	5408100.4
T8100.0	504628.4	5408100.4	8654.29981	248.40	130	48.825866	-86.936941	56023.04	56251.6	-1.55	56021.49	56021.48828	56020.58957	56020.58984	504628.4	5408100.4

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
T8100.0	504628.4	5408100.4	8654.40039	248.13	130	48.825866	-86.936941	56023.04	56251.6	-1.55	56021.49	56021.48828	56020.71610	56020.71484	504628.4	5408100.4
T8100.0	504628.4	5408100.4	8654.50000	247.14	130	48.825866	-86.936940	56022.98	56251.6	-1.55	56021.43	56021.42969	56020.84556	56020.84375	504628.4	5408100.4
T8100.0	504628.5	5408100.4	8654.59961	247.23	130	48.825867	-86.936939	56023.01	56251.6	-1.55	56021.46	56021.46094	56020.96796	56020.96875	504628.5	5408100.4
T8100.0	504628.5	5408100.4	8654.70020	249.32	130	48.825867	-86.936939	56023.11	56251.6	-1.55	56021.56	56021.55859	56021.08464	56021.08594	504628.5	5408100.4
T8100.0	504628.5	5408100.4	8654.79981	250.26	130	48.825867	-86.936938	56023.06	56251.6	-1.55	56021.51	56021.51172	56021.21029	56021.21094	504628.5	5408100.4
T8100.0	504628.6	5408100.4	8654.90039	251.47	130	48.825867	-86.936938	56023.06	56251.6	-1.55	56021.51	56021.51172	56021.33159	56021.33203	504628.6	5408100.4
T8100.0	504628.7	5408100.4	8655.00000	251.47	130	48.825867	-86.936937	56023.06	56251.6	-1.55	56021.51	56021.51172	56021.45189	56021.45313	504628.7	5408100.4
T8100.0	504628.8	5408100.4	8655.09961	250.16	130	48.825867	-86.936935	56023.08	56251.6	-1.55	56021.53	56021.53125	56021.56988	56021.57031	504628.8	5408100.4
T8100.0	504628.9	5408100.4	8655.20020	247.03	130	48.825867	-86.936934	56023.01	56251.6	-1.55	56021.46	56021.46094	56021.69289	56021.69141	504628.9	5408100.4
T8100.0	504628.9	5408100.4	8655.29981	243.38	130	48.825867	-86.936934	56023.06	56251.6	-1.55	56021.51	56021.51172	56021.80696	56021.80859	504628.9	5408100.4
T8100.0	504629.1	5408100.4	8655.40039	241.55	130	48.825867	-86.936931	56023.06	56251.6	-1.55	56021.51	56021.51172	56021.92342	56021.92188	504629.1	5408100.4
T8100.0	504629.3	5408100.4	8655.50000	239.84	130	48.825867	-86.936928	56023.06	56251.6	-1.55	56021.51	56021.51172	56022.03896	56022.03906	504629.3	5408100.4
T8100.0	504629.3	5408100.4	8655.50000	239.84	130	48.825867	-86.936928	56023.08	56251.6	-1.55	56021.53	56021.53125	56022.15226	56022.15234	504629.3	5408100.4
T8100.0	504629.5	5408100.4	8655.59961	241.18	130	48.825867	-86.936925	56023.08	56251.6	-1.55	56021.53	56021.53125	56022.26602	56022.26563	504629.5	5408100.4
T8100.0	504629.7	5408100.4	8655.79981	244.68	130	48.825867	-86.936922	56023.19	56251.6	-1.55	56021.64	56021.64063	56022.37156	56022.37109	504629.7	5408100.4
T8100.0	504629.9	5408100.4	8655.90039	247.18	130	48.825867	-86.936920	56023.21	56251.6	-1.55	56021.66	56021.66016	56022.48226	56022.48047	504629.9	5408100.4
T8100.0	504630.2	5408100.4	8656.00000	252.46	130	48.825867	-86.936916	56023.24	56251.6	-1.55	56021.69	56021.69141	56022.59145	56022.58984	504630.2	5408100.4
T8100.0	504630.4	5408100.4	8656.09961	256.23	130	48.825867	-86.936913	56023.24	56251.6	-1.55	56021.69	56021.69141	56022.70181	56022.70313	504630.4	5408100.4
T8100.0	504630.6	5408100.4	8656.20020	260.44	130	48.825867	-86.936911	56023.29	56251.6	-1.55	56021.73	56021.73047	56022.80871	56022.80859	504630.6	5408100.4
T8100.0	504630.8	5408100.4	8656.29981	262.58	130	48.825867	-86.936907	56023.36	56251.6	-1.56	56021.80	56021.80078	56022.91281	56022.91406	504630.8	5408100.4
T8100.0	504630.8	5408100.4	8656.40039	261.73	130	48.825867	-86.936907	56023.36	56251.6	-1.56	56021.80	56021.80078	56023.02080	56023.01953	504630.8	5408100.4
T8100.0	504631.3	5408100.5	8656.50000	261.65	130	48.825867	-86.936900	56023.36	56251.6	-1.56	56021.80	56021.80078	56023.12804	56023.12891	504631.3	5408100.5
T8100.0	504631.5	5408100.5	8656.59961	260.32	130	48.825867	-86.936898	56023.46	56251.6	-1.56	56021.90	56021.89844	56023.22786	56023.22656	504631.5	5408100.5
T8100.0	504631.5	5408100.5	8656.70020	259.71	130	48.825867	-86.936898	56023.46	56251.6	-1.56	56021.90	56021.89844	56023.33361	56023.33203	504631.5	5408100.5
T8100.0	504631.9	5408100.5	8656.79981	258.50	130	48.825867	-86.936893	56023.52	56251.6	-1.57	56021.95	56021.94922	56023.43532	56023.43359	504631.9	5408100.5
T8100.0	504632.2	5408100.5	8656.90039	256.50	130	48.825868	-86.936888	56023.59	56251.6	-1.57	56022.02	56022.01953	56023.53499	56023.53516	504632.2	5408100.5
T8100.0	504632.6	5408100.5	8657.00000	255.82	130	48.825868	-86.936884	56023.62	56251.6	-1.57	56022.05	56022.05078	56023.63664	56023.63672	504632.6	5408100.5
T8100.0	504633.0	5408100.6	8657.09961	254.05	130	48.825868	-86.936878	56023.64	56251.6	-1.57	56022.08	56022.07813	56023.73761	56023.73828	504633.0	5408100.6
T8100.0	504633.0	5408100.6	8657.20020	253.65	130	48.825868	-86.936878	56023.66	56251.6	-1.56	56022.10	56022.10156	56023.83858	56023.83984	504633.0	5408100.6
T8100.0	504633.4	5408100.6	8657.29981	255.12	130	48.825868	-86.936873	56023.70	56251.6	-1.56	56022.13	56022.12891	56023.93824	56023.93750	504633.4	5408100.6
T8100.0	504633.7	5408100.6	8657.40039	257.19	130	48.825868	-86.936868	56023.79	56251.6	-1.56	56022.24	56022.23828	56024.03193	56024.03125	504633.7	5408100.6
T8100.0	504634.1	5408100.6	8657.50000	256.31	130	48.825869	-86.936862	56023.79	56251.6	-1.56	56022.23	56022.23047	56024.13298	56024.13281	504634.1	5408100.6
T8100.0	504634.1	5408100.6	8657.50000	256.31	130	48.825869	-86.936862	56023.87	56251.6	-1.56	56022.32	56022.32031	56024.22676	56024.22656	504634.1	5408100.6
T8100.0	504634.7	5408100.7	8657.59961	254.89	130	48.825869	-86.936855	56023.95	56251.6	-1.55	56022.39	56022.39063	56024.32126	56024.32031	504634.7	5408100.7
T8100.0	504635.1	5408100.7	8657.79981	252.12	130	48.825869	-86.936849	56023.96	56251.5	-1.55	56022.42	56022.42188	56024.41783	56024.41797	504635.1	5408100.7
T8100.0	504635.5	5408100.7	8657.90039	250.08	130	48.825869	-86.936844	56024.00	56251.5	-1.54	56022.45	56022.44922	56024.51381	56024.51563	504635.5	5408100.7
T8100.0	504636.0	5408100.7	8658.00000	247.81	130	48.825869	-86.936837	56024.07	56251.5	-1.54	56022.53	56022.53125	56024.60589	56024.60547	504636.0	5408100.7
T8100.0	504636.4	5408100.7	8658.09961	245.20	130	48.825869	-86.936832	56024.13	56251.5	-1.54	56022.58	56022.57813	56024.69940	56024.69922	504636.4	5408100.7
T8100.0	504636.4	5408100.7	8658.20020	244.38	130	48.825869	-86.936832	56024.20	56251.5	-1.55	56022.65	56022.64844	56024.79101	56024.78906	504636.4	5408100.7
T8100.0	504636.9	5408100.8	8658.29981	246.97	130	48.825870	-86.936825	56024.27	56251.5	-1.55	56022.72	56022.71875	56024.88208	56024.88281	504636.9	5408100.8
T8100.0	504637.4	5408100.8	8658.40039	249.56	130	48.825870	-86.936818	56024.33	56251.6	-1.55	56022.78	56022.78125	56024.97326	56024.97266	504637.4	5408100.8
T8100.0	504637.4	5408100.8	8658.50000	257.48	130	48.825870	-86.936818	56024.38	56251.6	-1.56	56022.82	56022.82031	56025.06525	56025.06641	504637.4	5408100.8
T8100.0	504638.1	5408100.8	8658.59961	255.59	130	48.825870	-86.936808	56024.45	56251.6	-1.56	56022.89	56022.89063	56025.15470	56025.15625	504638.1	5408100.8
T8100.0	504638.5	5408100.8	8658.70020	253.39	130	48.825870	-86.936803	56024.53	56251.6	-1.56	56022.97	56022.96875	56025.24296	56025.24219	504638.5	5408100.8
T8100.0	504639.0	5408100.8	8658.79981	251.83	130	48.825870	-86.936796	56024.60	56251.6	-1.56	56023.04	56023.03906	56025.33137	56025.33203	504639.0	5408100.8
T8100.0	504639.5	5408100.8	8658.90039	252.80	130	48.825870	-86.936788	56024.66	56251.6	-1.57	56023.09	56023.08984	56025.42060	56025.42188	504639.5	5408100.8
T8100.0	504640.0	5408100.8	8659.00000	254.63	130	48.825870	-86.936782	56024.73	56251.6	-1.57	56023.16	56023.16016	56025.50798	56025.50781	504640.0	5408100.8
T8100.0	504640.5	5408100.9	8659.09961	251.01	130	48.825871	-86.936775	56024.75	56251.6	-1.57	56023.18	56023.17969	56025.59819	56025.59766	504640.5	5408100.9
T8100.0	504641.0	5408100.9	8659.20020	248.16	130	48.825871	-86.936769	56024.86	56251.6	-1.57	56023.29	56023.28906	56025.68191	56025.68359	504641.0	5408100.9
T8100.0	504641.4	5408100.9	8659.29981	248.16	130	48.825871	-86.936763	56024.93	56251.6	-1.57	56023.36	56023.35938	56025.76779	56025.76953	504641.4	5408100.9
T8100.0	504642.1	5408100.9	8659.40039	247.30	130	48.825871	-86.936753	56025.01	56251.6	-1.57	56023.43	56023.42969	56025.85317	56025.85156	504642.1	5408100.9
T8100.0	504642.7	5408100.9	8659.40039	248.38	130	48.825871	-86.936746	56025.06	56251.6	-1.57	56023.49	56023.48828	56025.93873	56025.93750	504642.7	5408100.9
T8100.0	504642.7	5408100.9	8659.50000	253.47	130	48.825871	-86.936746	56025.14	56251.6	-1.57	56023.57	56023.57031	56026.02246	56026.02344	504642.7	5408100.9
T8100.0	504643.4	5408100.9	8659.59961	249.37	130	48.825871	-86.936736	56025.21	56251.6	-1.58	56023.63	56023.62891	56026.10704	56026.10547	504643.4	5408100.9
T8100.0	504644.1	5408100.9	8659.59961	249.37	130	48.825871	-86.936727	56025.31	56251.6	-1.58	56023.74	56023.73828	56026.18780	56026.18750	504644.1	5408100.9
T8100.0	504644.7	5408100.9	8659.79981	244.50	130	48.825871	-86.936718	56025.39	56251.6	-1.58	56023.81	56023.80859	56026.27073	56026.26953	504644.7	5408100.9
T8100.0	504644.7	5408100.9	8659.90039	249.99	130	48.825871	-86.936718	56025.46	56251.6	-1.58	56023.88	56023.87891	56026.35318	56026.35156	504644.7	5408100.9
T8100.0	504645.4	5408100.9	8660.00000	253.10	130	48.825871	-86.936708	56025.54	56251.6	-1.58	56023.96	56023.96094	56026.43447	56026.43359	504645.4	5408100.9
T8100.0	504646.1	5408100.9	8660.09961	252.96	130	48.825871	-86.936699	56025.59	56251.6	-1.58	56024.01	56024.01172	56026.51727	56026.51563	504646.1	5408100.9
T8100.0	504646.8	5408100.9	8660.20020	249.10	130	48.825871	-86.936690	56025.69	56251.6	-1.58	56024.11	56024.10938	56026.59625	56026.59766	504646.8	5408100.9
T8100.0	504647.5	5408100.9	8660.29981	249.91	130	48.825871	-86.936680	56025.77	56251.6	-1.58	56024.19	56024.19141	56026.67608	56026.67578	504647.5	5408100.9
T8100.0	504648.2	5408100.9	8660.50000	252.97	130	48.825871	-86.936670	56025.84	56251.6	-1.57	56024.27	56024.26953	56026.75541	56026.75391	504648.2	5408100.9
T8100.0	504648.2	5408100.9	8660.59961	247.87	130	48.825871	-86.936670	56025.89	56251.6	-1.57	56024.32	56024.32031	56026.83624	56026.83594	504648.2	5408100.9
T8100.0	504649.1	5408100.9	8660.70020	246.44	130	48.825871	-86.936658	56025.99	56251.6	-1.57	56024.42	56024.42188	56026.91325	56026.91406	504649.1	5408100.9
T8100.0	504649.8	5408100.9	8660.79981	250.06	130	48.825871	-86.936649	56026.09	56251.6	-1.57	56024.52	56024.51953	56026.98975	56026.98828	504649.8	5408100.9
T8100.0	504650.7	5408101.0	8660.90039	249.75	130	48.825871	-86.936636	56026.17	56251.6	-1.57	56024.60	56024.60156	56027.06709	56027.06641	504650.7	5408101.0
T8100.0	504651.6	5408101.0	8661.00000	246.38	130	48.825871	-86.936625	56026.22	56251.6	-1.57	56024.65	56024.64844	56027.14592	56027.14453	504651.6	5408101.0
T8100.0	504652.4	5408101.0	8661.09961	243.83	130	48.825872	-86.936614	56026.34	56251.6	-1.57	56024.77	56024.76953	56027.21957	56027.21875	504652.4	5408101.0
T8100.0	504652.4	5408101.0	8661.20020	245.57	130	48.825872	-86.936614	56026.42	56251.6	-1.57	56024.85	56024.85156	56027.29537	56027.29688	504652.4	5408101.0
T8100.0	504653.2	5408101.0	8661.29981	245.29	130	48.825872	-86.936603	56026.53	56251.6	-1.58	56024.95	56024.94922	56027.36933	56027.37109	504653.2	5408101.0
T8100.0	504653.9	5408101.0	8661.40039	244.67	130	48.825872	-86.936593	56026.61	56251.6	-1.58	56025.03	56025.03125	56027.44409	56027.44531	504653.9	5408101.0
T8100.0	504654.8	5408101.0	8661.50000	245.41	130	48.825872	-86.936580	56026.68	56251.6	-1.58	56025.10	56025.10156	56027.51899	56027.51953	504654.8	5408101.0
T8100.0	504655.4	5408101.0	8661.50000	245.41	130	48.825872	-86.936572	56026.83	56251.6	-1.58	56025.25	56025.25000	56027.58802	56027.58984	504655.4	5408101.0
T8100.0	504656.3	5408101.0	8661.59961	248.32	130	48.825872	-86.936561	56026.90	56251.6	-1.58	56025.32	56025.32031	56027.66185	56027.66016	504656.3	5408101.0
T8100.0	504657.0	5408101.0	8661.79981	253.37	130	48.825872	-86.936551	56027.01	56251.6	-1.59	56025.42	56025.42188	56027.73313	56027.73438	504657.0	5408101.0
T8100.0	504657.7	5408101.0	8661.90039	252.99	130	48.825872	-86.936541	56027.11	56251.6	-1.59	56025.52	56025.51953	56027.80386	56027.80469	504657.7	5408101.0
T8100.0	504658.5	5408101.0	8662.00000	252.72	130	48.825872	-86.936530	56027.23	56251.6	-1.59	56025.64	56025.64063	56027.87270	56027.87109	504658.5	5408101.0
T8100.0	504658.5	5408101.0	8662.09961	251.78	130	48.825872	-86.936530	56027.26	56251.6	-1.59	56025.67	56025.67188	56027.94698	56027.94531	504658.5	5408101.0
T8100.0	504659.6	5408101.0	8662.20020	248.89	130	48.825872	-86.936515	56027.39	56251.6	-1.59	56025.80	56025.80078	56028.01402	56028.01563	504659.6	5408101.0
T8100.0	504660.4	5408101.0	8662.29981	247.03	130	48.825872	-86.936504	56027.48	56251.6	-1.59	56025.89	56025.89063	56028.08315	56028.08203	504660.4	5408101.0
T8100.0	504661.3	5408101.0	8662.40039	245.68	130	48.825872	-86.936492	56027.61	56251.6	-1.59	56026.02	56026.01953	56028.14903	56028.14844	504661.3	5408101.0
T8100.0	504662.1	5408101.0	8662.50000	245.60	130	48.825872	-86.936481	56027.69	56251.6	-1.59	56026.10	56026.10156	56028.21765	56028.21875	504662.1	5408101.0
T8100.0	504662.9	5408101.0	8662.59961	246.84	130	48.825872	-86.936470	56027.79	56251.6	-1.59	56026.20	56026.19922	56028.28434	56028.28516	504662.9	5408101.0
T8100.0	504664.0	5408101.0	8662.70020	250.56	130	48.825872	-86.936455	56027.89	56251.6	-1.59	56026.30	56026.30078	56028.35043	56028.35156	504664.0	5408101.0
T8100.0	504664.0	5408101.0	8662.79981	252.22	130	48.825872	-86.936455	56028.07	56251.6	-1.59	56026.48	56026.48047	56028.41057	56028.41016	504664.0	5408101.0
T8100.0	504665.3	5408101.0	8662.90039	252.88	130	48.825872	-86.936438	56028.02	56251.6	-1.59	56026.43	56026.42969	56028.48543	56028.48438	504665.3	5408101.0
T8100.0	504666.1	5408101.0	8663.00000	249.07	130	48.825872	-86.936427	56028.14	56251.6	-1.59	56026.56	56026.55859	56028.54765	56028.54688	504666.1	5408101.0
T8100.0	504667.1	5408101.1	8663.09961	247.69	130	48.825872	-86.936414	56028.17	56251.6	-1.59	56026.58	56026.57813	56028.61658	56028.61719	504667.1	5408101.1
T8100.0	504667.1	5408101.1	8663.20020	248.63	130	48.825872	-86.936414	56028.32	56251.6	-1.59	56026.73	56026.73047	56028.67620	56028.67578	504667.1	5408101.1
T8100.0	504668.0	5408101.1	8663.29981	251.59	130	48.825872	-86.936400	56028.45	56251.6	-1.59	56026.86	56026.85938	56028.73650	56028.73828	504668.0	5408101.1
T8100.0	504668.0	5408101.1	8663.40039	254.14	130	48.825872	-86.936400	56028.55	56251.6	-1.59	56026.96	56026.96094	56028.79814	56028.79688	504668.0	5408101.1
T8100.0	504669.2	5408101.1	8663.50000	252.47	130	48.825872	-86.936384	56028.57	56251.6	-1.58	56026.99	56026.98828	56028.86378	56028.86328	504669.2	5408101.1
T8100.0	504670.4	5408101.1	8663.50000	252.47	130	48.825872	-86.936368	56028.68	56251.6	-1.58	56027.09	56027.08984	56028.92408	56028.92578	504670.4	5408101.1

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
T8100.0	504671.4	5408101.1	8663.59961	252.46	130	48.825872	-86.936355	56028.72	56251.6	-1.58	56027.14	56027.14063	56028.98703	56028.98828	504671.4	5408101.1
T8100.0	504672.2	5408101.1	8663.79981	256.55	130	48.825872	-86.936343	56028.83	56251.6	-1.58	56027.25	56027.25000	56029.04530	56029.04688	504672.2	5408101.1
T8100.0	504673.4	5408101.1	8663.90039	257.59	130	48.825872	-86.936327	56028.86	56251.6	-1.58	56027.27	56027.26953	56029.10886	56029.10938	504673.4	5408101.1
T8100.0	504673.4	5408101.1	8664.00000	253.97	130	48.825872	-86.936327	56029.00	56251.6	-1.58	56027.42	56027.42188	56029.16306	56029.16406	504673.4	5408101.1
T8100.0	504674.4	5408101.1	8664.09961	249.93	130	48.825872	-86.936313	56029.00	56251.6	-1.58	56027.42	56027.42188	56029.22654	56029.22656	504674.4	5408101.1
T8100.0	504675.6	5408101.1	8664.20020	249.65	130	48.825872	-86.936297	56029.10	56251.6	-1.58	56027.52	56027.51953	56029.28263	56029.28125	504675.6	5408101.1
T8100.0	504676.6	5408101.1	8664.29981	249.81	130	48.825872	-86.936283	56029.18	56251.6	-1.58	56027.60	56027.60156	56029.33933	56029.33984	504676.6	5408101.1
T8100.0	504677.9	5408101.1	8664.40039	249.37	130	48.825872	-86.936266	56029.28	56251.6	-1.58	56027.70	56027.69922	56029.39396	56029.39453	504677.9	5408101.1
T8100.0	504678.7	5408101.1	8664.50000	252.53	130	48.825872	-86.936255	56029.36	56251.6	-1.58	56027.78	56027.78125	56029.44919	56029.44922	504678.7	5408101.1
T8100.0	504678.7	5408101.1	8664.59961	248.22	130	48.825872	-86.936255	56029.43	56251.6	-1.58	56027.85	56027.85156	56029.50432	56029.50391	504678.7	5408101.1
T8100.0	504679.6	5408101.1	8664.70020	248.05	130	48.825873	-86.936242	56029.51	56251.6	-1.58	56027.93	56027.92969	56029.55803	56029.55859	504679.6	5408101.1
T8100.0	504680.9	5408101.1	8664.79981	250.75	130	48.825873	-86.936225	56029.59	56251.6	-1.58	56028.01	56028.01172	56029.61098	56029.60938	504680.9	5408101.1
T8100.0	504681.9	5408101.1	8664.90039	248.60	130	48.825873	-86.936211	56029.64	56251.6	-1.58	56028.06	56028.05859	56029.66516	56029.66406	504681.9	5408101.1
T8100.0	504681.9	5408101.1	8665.00000	244.93	130	48.825873	-86.936211	56029.69	56251.6	-1.58	56028.11	56028.10938	56029.71855	56029.71875	504681.9	5408101.1
T8100.0	504683.0	5408101.1	8665.09961	245.03	130	48.825873	-86.936196	56029.69	56251.6	-1.58	56028.11	56028.10938	56029.77450	56029.77344	504683.0	5408101.1
T8100.0	504684.1	5408101.1	8665.20020	250.57	130	48.825873	-86.936181	56029.76	56251.6	-1.58	56028.18	56028.17969	56029.82498	56029.82422	504684.1	5408101.1
T8100.0	504685.4	5408101.2	8665.29981	254.62	130	48.825873	-86.936164	56029.82	56251.6	-1.58	56028.24	56028.23828	56029.87533	56029.87500	504685.4	5408101.2
T8100.0	504685.4	5408101.2	8665.40039	255.30	130	48.825873	-86.936164	56029.89	56251.6	-1.58	56028.31	56028.30859	56029.92421	56029.92578	504685.4	5408101.2
T8100.0	504686.7	5408101.2	8665.50000	252.33	130	48.825873	-86.936146	56029.94	56251.6	-1.58	56028.36	56028.35938	56029.97361	56029.97266	504686.7	5408101.2
T8100.0	504687.7	5408101.2	8665.50000	252.33	130	48.825873	-86.936132	56030.04	56251.6	-1.58	56028.46	56028.46094	56030.01885	56030.01953	504687.7	5408101.2
T8100.0	504688.7	5408101.2	8665.59961	250.71	130	48.825873	-86.936119	56030.12	56251.6	-1.58	56028.54	56028.53906	56030.06461	56030.06641	504688.7	5408101.2
T8100.0	504688.7	5408101.2	8665.79981	253.37	130	48.825873	-86.936119	56030.14	56251.6	-1.58	56028.56	56028.55859	56030.11354	56030.11328	504688.7	5408101.2
T8100.0	504689.8	5408101.2	8665.90039	252.26	130	48.825873	-86.936104	56030.14	56251.6	-1.58	56028.56	56028.55859	56030.16296	56030.16406	504689.8	5408101.2
T8100.0	504691.1	5408101.2	8666.00000	254.15	130	48.825873	-86.936086	56030.19	56251.6	-1.58	56028.61	56028.60938	56030.20820	56030.20703	504691.1	5408101.2
T8100.0	504692.3	5408101.2	8666.09961	252.30	130	48.825874	-86.936070	56030.19	56251.6	-1.58	56028.61	56028.60938	56030.25594	56030.25781	504692.3	5408101.2
T8100.0	504692.3	5408101.2	8666.20020	248.19	130	48.825874	-86.936070	56030.27	56251.6	-1.58	56028.69	56028.69141	56030.29748	56030.29688	504692.3	5408101.2
T8100.0	504694.3	5408101.2	8666.29981	251.84	130	48.825874	-86.936043	56030.29	56251.6	-1.58	56028.72	56028.71875	56030.34150	56030.33984	504694.3	5408101.2
T8100.0	504695.1	5408101.2	8666.40039	248.21	130	48.825874	-86.936032	56030.30	56251.6	-1.58	56028.72	56028.71875	56030.38666	56030.38672	504695.1	5408101.2
T8100.0	504695.9	5408101.2	8666.50000	247.45	130	48.825874	-86.936020	56030.37	56251.6	-1.57	56028.79	56028.78906	56030.42628	56030.42578	504695.9	5408101.2
T8100.0	504696.9	5408101.2	8666.59961	248.65	130	48.825874	-86.936007	56030.37	56251.6	-1.57	56028.79	56028.78906	56030.46970	56030.46875	504696.9	5408101.2
T8100.0	504697.7	5408101.2	8666.70020	246.23	130	48.825874	-86.935996	56030.38	56251.6	-1.57	56028.80	56028.80078	56030.51157	56030.51172	504697.7	5408101.2
T8100.0	504698.7	5408101.2	8666.79981	247.78	130	48.825874	-86.935983	56030.44	56251.6	-1.57	56028.87	56028.87109	56030.54856	56030.54688	504698.7	5408101.2
T8100.0	504700.0	5408101.2	8666.90039	247.31	130	48.825874	-86.935965	56030.44	56251.6	-1.57	56028.87	56028.87109	56030.58933	56030.58984	504700.0	5408101.2
T8100.0	504700.0	5408101.2	8667.00000	244.23	130	48.825874	-86.935965	56030.52	56251.6	-1.57	56028.95	56028.94922	56030.62388	56030.62500	504700.0	5408101.2
T8100.0	504701.2	5408101.2	8667.09961	246.02	130	48.825873	-86.935949	56030.49	56251.6	-1.57	56028.92	56028.92188	56030.66487	56030.66406	504701.2	5408101.2
T8100.0	504702.3	5408101.2	8667.20020	250.78	130	48.825873	-86.935933	56030.54	56251.6	-1.57	56028.97	56028.96875	56030.69963	56030.69922	504702.3	5408101.2
T8100.0	504703.2	5408101.2	8667.29981	250.82	130	48.825873	-86.935922	56030.55	56251.6	-1.57	56028.97	56028.96875	56030.73682	56030.73828	504703.2	5408101.2
T8100.0	504704.3	5408101.2	8667.40039	248.92	130	48.825873	-86.935906	56030.60	56251.6	-1.57	56029.02	56029.01953	56030.76978	56030.76953	504704.3	5408101.2
T8100.0	504704.3	5408101.2	8667.50000	245.60	130	48.825873	-86.935906	56030.54	56251.6	-1.58	56028.97	56028.96875	56030.80849	56030.80859	504704.3	5408101.2
T8100.0	504705.5	5408101.2	8667.50000	245.60	130	48.825873	-86.935890	56030.63	56251.6	-1.58	56029.05	56029.05078	56030.83763	56030.83594	504705.5	5408101.2
T8100.0	504706.5	5408101.2	8667.59961	248.27	130	48.825873	-86.935876	56030.62	56251.6	-1.58	56029.04	56029.03906	56030.87185	56030.87109	504706.5	5408101.2
T8100.0	504707.7	5408101.1	8667.79981	246.57	130	48.825872	-86.935860	56030.62	56251.6	-1.58	56029.04	56029.03906	56030.90449	56030.90625	504707.7	5408101.1
T8100.0	504708.8	5408101.1	8667.90039	242.89	130	48.825872	-86.935845	56030.68	56251.6	-1.58	56029.10	56029.10156	56030.93221	56030.93359	504708.8	5408101.1
T8100.0	504709.6	5408101.1	8668.00000	243.70	130	48.825872	-86.935834	56030.65	56251.6	-1.58	56029.07	56029.07031	56030.96502	56030.96484	504709.6	5408101.1
T8100.0	504711.2	5408101.1	8668.09961	244.30	130	48.825872	-86.935812	56030.68	56251.6	-1.58	56029.10	56029.10156	56030.99290	56030.99219	504711.2	5408101.1
T8100.0	504711.2	5408101.1	8668.20020	245.83	130	48.825872	-86.935812	56030.65	56251.6	-1.58	56029.07	56029.07031	56031.02385	56031.02344	504711.2	5408101.1
T8100.0	504712.6	5408101.1	8668.29981	250.04	130	48.825872	-86.935792	56030.65	56251.6	-1.58	56029.07	56029.07031	56031.05188	56031.05078	504712.6	5408101.1
T8100.0	504713.4	5408101.1	8668.40039	252.13	130	48.825872	-86.935782	56030.65	56251.6	-1.58	56029.07	56029.07031	56031.07899	56031.07813	504713.4	5408101.1
T8100.0	504714.8	5408101.0	8668.50000	251.09	130	48.825872	-86.935762	56030.68	56251.6	-1.58	56029.10	56029.10156	56031.10316	56031.10156	504714.8	5408101.0
T8100.0	504716.0	5408101.0	8668.59961	248.02	130	48.825872	-86.935746	56030.70	56251.6	-1.58	56029.12	56029.12109	56031.12707	56031.12891	504716.0	5408101.0
T8100.0	504716.0	5408101.0	8668.70020	246.07	130	48.825872	-86.935746	56030.68	56251.6	-1.58	56029.10	56029.10156	56031.15272	56031.15234	504716.0	5408101.0
T8100.0	504717.2	5408101.0	8668.79981	244.80	130	48.825872	-86.935730	56030.65	56251.6	-1.58	56029.07	56029.07031	56031.17810	56031.17969	504717.2	5408101.0
T8100.0	504718.7	5408101.1	8668.90039	247.83	130	48.825872	-86.935711	56030.60	56251.6	-1.58	56029.02	56029.01953	56031.20388	56031.20313	504718.7	5408101.1
T8100.0	504719.9	5408101.1	8669.00000	247.61	130	48.825872	-86.935694	56030.60	56251.6	-1.58	56029.02	56029.01953	56031.22540	56031.22656	504719.9	5408101.1
T8100.0	504720.9	5408101.1	8669.09961	249.55	130	48.825872	-86.935680	56030.60	56251.6	-1.58	56029.02	56029.01953	56031.24598	56031.24609	504720.9	5408101.1
T8100.0	504722.1	5408101.1	8669.20020	252.22	130	48.825872	-86.935663	56030.62	56251.6	-1.58	56029.04	56029.03906	56031.26430	56031.26563	504722.1	5408101.1
T8100.0	504722.1	5408101.1	8669.29981	252.29	130	48.825872	-86.935663	56030.54	56251.6	-1.58	56028.96	56028.96094	56031.28835	56031.28906	504722.1	5408101.1
T8100.0	504723.4	5408101.1	8669.40039	251.24	130	48.825872	-86.935647	56030.65	56251.6	-1.58	56029.07	56029.07031	56031.29880	56031.29688	504723.4	5408101.1
T8100.0	504724.4	5408101.1	8669.50000	249.63	130	48.825872	-86.935632	56030.52	56251.6	-1.58	56028.93	56028.92969	56031.32498	56031.32422	504724.4	5408101.1
T8100.0	504725.4	5408101.1	8669.50000	249.63	130	48.825872	-86.935618	56030.46	56251.6	-1.58	56028.88	56028.87891	56031.34423	56031.34375	504725.4	5408101.1
T8100.0	504727.0	5408101.1	8669.59961	249.82	130	48.825872	-86.935597	56030.47	56251.6	-1.59	56028.89	56028.89063	56031.35855	56031.35938	504727.0	5408101.1
T8100.0	504727.0	5408101.1	8669.79981	247.23	130	48.825872	-86.935597	56030.42	56251.6	-1.59	56028.83	56028.82813	56031.37661	56031.37500	504727.0	5408101.1
T8100.0	504728.5	5408101.1	8669.90039	248.75	130	48.825872	-86.935577	56030.39	56251.6	-1.59	56028.81	56028.80859	56031.39107	56031.39063	504728.5	5408101.1
T8100.0	504729.3	5408101.1	8670.00000	250.09	130	48.825872	-86.935565	56030.45	56251.6	-1.59	56028.86	56028.85938	56031.39994	56031.39844	504729.3	5408101.1
T8100.0	504731.6	5408101.1	8670.09961	249.05	130	48.825872	-86.935535	56030.39	56251.6	-1.59	56028.81	56028.80859	56031.41455	56031.41406	504731.6	5408101.1
T8100.0	504731.6	5408101.1	8670.20020	247.19	130	48.825872	-86.935535	56030.37	56251.6	-1.59	56028.78	56028.78125	56031.42690	56031.42578	504731.6	5408101.1
T8100.0	504732.8	5408101.1	8670.29981	245.96	130	48.825872	-86.935518	56030.35	56251.6	-1.59	56028.76	56028.76172	56031.43766	56031.43750	504732.8	5408101.1
T8100.0	504734.3	5408101.0	8670.40039	245.79	130	48.825871	-86.935498	56030.22	56251.6	-1.59	56028.63	56028.62891	56031.45483	56031.45313	504734.3	5408101.0
T8100.0	504734.3	5408101.0	8670.50000	245.03	130	48.825871	-86.935498	56030.14	56251.6	-1.59	56028.56	56028.55859	56031.46709	56031.46875	504734.3	5408101.0
T8100.0	504735.7	5408101.0	8670.59961	243.80	130	48.825871	-86.935478	56030.12	56251.6	-1.59	56028.53	56028.53125	56031.47576	56031.47656	504735.7	5408101.0
T8100.0	504735.7	5408101.0	8670.70020	242.57	130	48.825871	-86.935478	56030.12	56251.6	-1.59	56028.53	56028.53125	56031.48152	56031.48047	504735.7	5408101.0
T8100.0	504737.1	5408101.0	8670.79981	241.72	130	48.825871	-86.935459	56030.09	56251.6	-1.59	56028.50	56028.50000	56031.48837	56031.48828	504737.1	5408101.0
T8100.0	504738.4	5408101.0	8670.90039	240.17	130	48.825871	-86.935442	56030.04	56251.6	-1.59	56028.45	56028.44922	56031.49564	56031.49609	504738.4	5408101.0
T8100.0	504739.7	5408101.0	8671.00000	237.93	130	48.825871	-86.935425	56030.02	56251.6	-1.59	56028.43	56028.42969	56031.50001	56031.50000	504739.7	5408101.0
T8100.0	504741.1	5408101.0	8671.09961	237.40	130	48.825871	-86.935405	56029.89	56251.6	-1.59	56028.30	56028.30078	56031.51081	56031.51172	504741.1	5408101.0
T8100.0	504741.1	5408101.0	8671.20020	237.91	130	48.825871	-86.935405	56029.86	56251.6	-1.59	56028.27	56028.26953	56031.51405	56031.51563	504741.1	5408101.0
T8100.0	504743.2	5408101.0	8671.29981	237.51	130	48.825871	-86.935376	56029.76	56251.6	-1.59	56028.17	56028.17188	56031.52106	56031.51953	504743.2	5408101.0
T8100.0	504743.2	5408101.0	8671.40039	236.25	130	48.825871	-86.935376	56029.78	56251.6	-1.59	56028.19	56028.19141	56031.51918	56031.51953	504743.2	5408101.0
T8100.0	504744.2	5408101.0	8671.50000	237.41	130	48.825871	-86.935362	56029.74	56251.6	-1.59	56028.15	56028.14844	56031.52042	56031.51953	504744.2	5408101.0
T8100.0	504745.4	5408101.0	8671.50000	237.41	130	48.825871	-86.935346	56029.71	56251.6	-1.59	56028.12	56028.12109	56031.52010	56031.51953	504745.4	5408101.0
T8100.0	504746.5	5408101.0	8671.59961	239.53	130	48.825871	-86.935331	56029.62	56251.6	-1.59	56028.03	56028.03125	56031.52291	56031.52344	504746.5	5408101.0
T8100.0	504747.5	5408101.0	8671.79981	242.51	130	48.825871	-86.935317	56029.51	56251.6	-1.59	56027.92	56027.92188	56031.52618	56031.52734	504747.5	5408101.0
T8100.0	504748.4	5408101.0	8671.90039	242.92	130	48.825871	-86.935305	56029.46	56251.6	-1.59	56027.87	56027.87109	56031.52459	56031.52344	504748.4	5408101.0
T8100.0	504749.8	5408101.0	8672.00000	242.36	130	48.825871	-86.935286	56029.34	56251.6	-1.59	56027.75	56027.75000	56031.52679	56031.52734	504749.8	5408101.0
T8100.0	504751.1	5408101.0	8672.09961	242.09	130	48.825871	-86.935268	56029.31	56251.6	-1.59	56027.72	56027.71875	56031.52214	56031.52344	504751.1	5408101.0
T8100.0	504751.1	5408101.0	8672.20020	242.06	130	48.825871	-86.935268	56029.23	56251.6	-1.59	56027.64	56027.64063	56031.51997	56031.51953	504751.1	5408101.0
T8100.0	504752.4	5408100.9	8672.29981	241.59	130	48.825870	-86.935250	56029.21	56251.6	-1.59	56027.62	56027.62109	56031.51295	56031.51172	504752.4	5408100.9
T8100.0	504753.9	5408100.9	8672.40039	242.07	130	48.825870	-86.935231	56029.08	56251.6	-1.59	56027.49	56027.48828	56031.51242	56031.51172	504753.9	5408100.9
T8100.0	504754.9	5408100.9	8672.50000	242.12	130	48.825870	-86.935216	56029.03	56251.6	-1.59	56027.44	56027.44141	56031.50572	56031.50391	504754.9	5408100.9
T8100.0	504756.2	5408100.9	8672.59961	241.32	130	48.825870	-86.935199	56028.93	56251.6	-1.59	56027.34	56027.33984	56031.50153	56031.50000	504756.2	5408100.9
T8100.0	504757.3	5408100.9	8672.70020	243.12	130	48.825870	-86.935184	56028.80	56251.6	-1.59	56027.21	56027.21094	56031.49851	56031.50000	504757.3	5408100.9
T8100.0	504757.3	5408100.9	8672.79981	244.78	130	48.825870	-86.935184	56028.75	56251.6	-1.59	56027.16	56027.16016	56031.48934	56031.48828	504757.3	5408100.9
T8100.0	504759.6	5408100.8	8672.90039	249.52	130	48.825869	-86.935153	56028.68	56251.6	-1.59	56027.09	56027.08984	56031.48069	56031.48047	504759.6	5408100.8

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
T8100.0	504759.6	5408100.8	8673.00000	252.98	130	48.825869	-86.935153	56028.60	56251.6	-1.59	56027.01	56027.01172	56031.47191	56031.47266	504759.6	5408100.8
T8100.0	504760.9	5408100.8	8673.09961	252.77	130	48.825869	-86.935135	56028.45	56251.6	-1.59	56026.85	56026.85156	56031.46766	56031.46875	504760.9	5408100.8
T8100.0	504762.2	5408100.8	8673.20020	255.03	130	48.825869	-86.935118	56028.40	56251.6	-1.60	56026.80	56026.80078	56031.45528	56031.45703	504762.2	5408100.8
T8100.0	504763.5	5408100.8	8673.29981	257.78	130	48.825869	-86.935100	56028.27	56251.6	-1.60	56026.67	56026.67188	56031.44746	56031.44922	504763.5	5408100.8
T8100.0	504764.8	5408100.8	8673.40039	256.04	130	48.825869	-86.935082	56028.14	56251.6	-1.60	56026.54	56026.53906	56031.43886	56031.43750	504764.8	5408100.8
T8100.0	504764.8	5408100.8	8673.50000	255.78	130	48.825869	-86.935082	56028.09	56251.6	-1.60	56026.49	56026.48828	56031.42415	56031.42578	504764.8	5408100.8
T8100.0	504766.1	5408100.7	8673.50000	255.78	130	48.825868	-86.935064	56027.99	56251.6	-1.60	56026.39	56026.39063	56031.41202	56031.41016	504766.1	5408100.7
T8100.0	504768.1	5408100.7	8673.59961	253.35	130	48.825868	-86.935037	56027.91	56251.6	-1.61	56026.31	56026.30859	56031.39780	56031.39844	504768.1	5408100.7
T8100.0	504769.1	5408100.7	8673.79981	251.00	130	48.825868	-86.935024	56027.79	56251.6	-1.61	56026.17	56026.17188	56031.38684	56031.38672	504769.1	5408100.7
T8100.0	504769.1	5408100.7	8673.90039	250.97	130	48.825868	-86.935024	56027.66	56251.6	-1.62	56026.05	56026.05078	56031.37380	56031.37500	504769.1	5408100.7
T8100.0	504770.4	5408100.7	8674.00000	250.70	130	48.825868	-86.935006	56027.56	56251.6	-1.62	56025.94	56025.94141	56031.35936	56031.35938	504770.4	5408100.7
T8100.0	504771.8	5408100.7	8674.09961	250.28	130	48.825868	-86.934987	56027.54	56251.6	-1.62	56025.92	56025.92188	56031.33821	56031.33984	504771.8	5408100.7
T8100.0	504772.8	5408100.7	8674.20020	247.69	130	48.825868	-86.934973	56027.41	56251.6	-1.62	56025.80	56025.80078	56031.32301	56031.32422	504772.8	5408100.7
T8100.0	504773.8	5408100.7	8674.29981	247.00	130	48.825868	-86.934960	56027.28	56251.6	-1.61	56025.67	56025.67188	56031.30777	56031.30859	504773.8	5408100.7
T8100.0	504774.8	5408100.7	8674.40039	245.33	130	48.825868	-86.934946	56027.11	56251.6	-1.61	56025.49	56025.48828	56031.29517	56031.29688	504774.8	5408100.7
T8100.0	504776.4	5408100.7	8674.50000	245.86	130	48.825868	-86.934924	56026.91	56251.6	-1.61	56025.30	56025.30078	56031.28255	56031.28125	504776.4	5408100.7
T8100.0	504777.7	5408100.7	8674.59961	246.61	130	48.825868	-86.934906	56026.78	56251.6	-1.61	56025.17	56025.17188	56031.26525	56031.26563	504777.7	5408100.7
T8100.0	504777.7	5408100.7	8674.70020	245.56	130	48.825868	-86.934906	56026.65	56251.6	-1.61	56025.04	56025.03906	56031.24728	56031.24609	504777.7	5408100.7
T8100.0	504779.0	5408100.7	8674.79981	244.23	130	48.825868	-86.934888	56026.63	56251.6	-1.60	56025.03	56025.03125	56031.22066	56031.21875	504779.0	5408100.7
T8100.0	504779.9	5408100.7	8674.90039	246.27	130	48.825868	-86.934876	56026.55	56251.6	-1.60	56024.95	56024.94922	56031.19805	56031.19922	504779.9	5408100.7
T8100.0	504781.2	5408100.7	8675.00000	246.94	130	48.825868	-86.934858	56026.47	56251.6	-1.60	56024.87	56024.87109	56031.17481	56031.17578	504781.2	5408100.7
T8100.0	504782.3	5408100.7	8675.09961	245.40	130	48.825868	-86.934843	56026.35	56251.6	-1.60	56024.75	56024.75000	56031.15360	56031.15234	504782.3	5408100.7
T8100.0	504783.8	5408100.7	8675.20020	244.33	130	48.825868	-86.934823	56026.38	56251.6	-1.60	56024.78	56024.78125	56031.12178	56031.12109	504783.8	5408100.7
T8100.0	504785.0	5408100.7	8675.29981	244.15	86.47	48.825868	-86.934807	56026.32	56251.6	-1.60	56024.72	56024.71875	56031.09534	56031.09375	504785.0	5408100.7
T8100.0	504785.0	5408100.7	8675.40039	247.83	86.84	48.825868	-86.934807	56026.22	56251.6	-1.60	56024.62	56024.62109	56031.07098	56031.07031	504785.0	5408100.7
T8100.0	504786.1	5408100.8	8675.50000	251.91	86.76	48.825868	-86.934792	56026.09	56251.6	-1.60	56024.49	56024.48828	56031.04803	56031.04688	504786.1	5408100.8
T8100.0	504787.4	5408100.8	8675.50000	251.91	86.71	48.825869	-86.934774	56025.91	56251.6	-1.60	56024.31	56024.30859	56031.02784	56031.02734	504787.4	5408100.8
T8100.0	504788.5	5408100.8	8675.59961	253.17	86.84	48.825869	-86.934759	56025.71	56251.6	-1.60	56024.11	56024.10938	56031.00842	56031.00781	504788.5	5408100.8
T8100.0	504789.7	5408100.8	8675.79981	255.00	86.84	48.825869	-86.934743	56025.64	56251.6	-1.60	56024.04	56024.03906	56030.97978	56030.98047	504789.7	5408100.8
T8100.0	504791.0	5408100.8	8675.90039	253.58	86.77	48.825869	-86.934725	56025.49	56251.6	-1.60	56023.89	56023.89063	56030.95594	56030.95703	504791.0	5408100.8
T8100.0	504791.0	5408100.8	8676.00000	251.32	86.64	48.825869	-86.934725	56025.41	56251.6	-1.60	56023.81	56023.80859	56030.92690	56030.92578	504791.0	5408100.8
T8100.0	504792.1	5408100.8	8676.09961	252.13	86.58	48.825869	-86.934709	56025.23	56251.6	-1.60	56023.63	56023.62891	56030.90401	56030.90234	504792.1	5408100.8
T8100.0	504793.6	5408100.8	8676.20020	251.02	86.64	48.825869	-86.934690	56025.11	56251.6	-1.60	56023.51	56023.51172	56030.87661	56030.87500	504793.6	5408100.8
T8100.0	504794.8	5408100.8	8676.29981	250.36	86.64	48.825869	-86.934673	56024.95	56251.6	-1.60	56023.35	56023.35156	56030.85139	56030.85156	504794.8	5408100.8
T8100.0	504794.8	5408100.8	8676.40039	251.13	86.64	48.825869	-86.934673	56024.78	56251.6	-1.60	56023.18	56023.17969	56030.82636	56030.82813	504794.8	5408100.8
T8100.0	504796.1	5408100.9	8676.50000	250.62	86.64	48.825869	-86.934656	56024.63	56251.6	-1.60	56023.03	56023.03125	56030.79953	56030.80078	504796.1	5408100.9
T8100.0	504797.1	5408100.9	8676.59961	248.88	86.64	48.825869	-86.934642	56024.50	56251.6	-1.60	56022.90	56022.89844	56030.77091	56030.76953	504797.1	5408100.9
T8100.0	504798.4	5408100.9	8676.70020	245.68	86.64	48.825870	-86.934625	56024.30	56251.6	-1.60	56022.70	56022.69922	56030.74652	56030.74609	504798.4	5408100.9
T8100.0	504799.9	5408100.9	8676.79981	244.61	86.64	48.825870	-86.934604	56024.20	56251.6	-1.60	56022.60	56022.60156	56030.71504	56030.71484	504799.9	5408100.9
T8100.0	504801.1	5408100.9	8676.90039	248.75	86.64	48.825870	-86.934587	56023.95	56251.6	-1.60	56022.35	56022.35156	56030.69314	56030.69141	504801.1	5408100.9
T8100.0	504802.2	5408100.9	8677.00000	249.20	86.64	48.825870	-86.934573	56023.89	56251.6	-1.60	56022.29	56022.28906	56030.65818	56030.65625	504802.2	5408100.9
T8100.0	504803.1	5408100.9	8677.09961	246.70	86.64	48.825870	-86.934560	56023.66	56251.6	-1.60	56022.06	56022.05859	56030.63417	56030.63281	504803.1	5408100.9
T8100.0	504803.1	5408100.9	8677.20020	248.07	86.64	48.825870	-86.934560	56023.46	56251.6	-1.60	56021.86	56021.85938	56030.60779	56030.60938	504803.1	5408100.9
T8100.0	504804.4	5408100.9	8677.29981	252.23	86.64	48.825870	-86.934542	56023.32	56251.6	-1.60	56021.72	56021.71875	56030.57705	56030.57813	504804.4	5408100.9
T8100.0	504806.1	5408100.9	8677.40039	251.84	86.64	48.825870	-86.934520	56023.19	56251.6	-1.60	56021.59	56021.58984	56030.54531	56030.54688	504806.1	5408100.9
T8100.0	504807.2	5408100.9	8677.50000	247.60	86.64	48.825870	-86.934505	56023.04	56251.6	-1.60	56021.44	56021.44141	56030.51457	56030.51563	504807.2	5408100.9
T8100.0	504808.2	5408100.9	8677.50000	247.60	86.64	48.825870	-86.934490	56022.84	56251.6	-1.60	56021.24	56021.23828	56030.48685	56030.48828	504808.2	5408100.9
T8100.0	504809.2	5408100.9	8677.59961	246.53	86.64	48.825870	-86.934477	56022.68	56251.6	-1.59	56021.09	56021.08984	56030.45551	56030.45703	504809.2	5408100.9
T8100.0	504810.7	5408100.9	8677.79981	249.28	86.64	48.825870	-86.934457	56022.53	56251.6	-1.59	56020.94	56020.94141	56030.42388	56030.42578	504810.7	5408100.9
T8100.0	504811.7	5408100.9	8677.90039	251.40	86.64	48.825869	-86.934442	56022.38	56251.6	-1.59	56020.79	56020.78906	56030.39199	56030.39063	504811.7	5408100.9
T8100.0	504811.7	5408100.9	8678.00000	254.53	86.64	48.825869	-86.934442	56022.22	56251.6	-1.59	56020.63	56020.62891	56030.36052	56030.35938	504811.7	5408100.9
T8100.0	504813.3	5408100.9	8678.09961	252.94	86.64	48.825869	-86.934421	56022.07	56251.6	-1.59	56020.48	56020.48047	56030.32815	56030.32813	504813.3	5408100.9
T8100.0	504814.7	5408100.9	8678.20020	253.56	86.64	48.825869	-86.934403	56021.94	56251.6	-1.59	56020.35	56020.35156	56030.29422	56030.29297	504814.7	5408100.9
T8100.0	504814.7	5408100.9	8678.29981	250.39	108.32	48.825869	-86.934403	56021.64	56251.6	-1.59	56020.05	56020.05078	56030.27143	56030.26953	504814.7	5408100.9
T8100.0	504816.4	5408100.8	8678.40039	246.49	130	48.825869	-86.934379	56021.41	56251.6	-1.59	56019.82	56019.82031	56030.24378	56030.24219	504816.4	5408100.8
T8100.0	504817.7	5408100.8	8678.50000	244.78	130	48.825869	-86.934361	56021.26	56251.6	-1.59	56019.67	56019.67188	56030.21063	56030.21094	504817.7	5408100.8
T8100.0	504818.6	5408100.8	8678.59961	249.23	130	48.825869	-86.934348	56021.08	56251.6	-1.60	56019.49	56019.48828	56030.17933	56030.17969	504818.6	5408100.8
T8100.0	504820.1	5408100.8	8678.70020	253.74	130	48.825868	-86.934328	56021.04	56251.6	-1.60	56019.44	56019.44141	56030.13922	56030.14063	504820.1	5408100.8
T8100.0	504820.1	5408100.8	8678.79981	251.99	130	48.825868	-86.934328	56020.88	56251.6	-1.60	56019.28	56019.28125	56030.10633	56030.10547	504820.1	5408100.8
T8100.0	504821.5	5408100.8	8678.90039	249.79	130	48.825868	-86.934310	56020.86	56251.6	-1.60	56019.26	56019.26172	56030.06400	56030.06250	504821.5	5408100.8
T8100.0	504822.8	5408100.7	8679.00000	248.77	130	48.825868	-86.934292	56020.71	56251.6	-1.60	56019.11	56019.10938	56030.03025	56030.03125	504822.8	5408100.7
T8100.0	504822.8	5408100.7	8679.09961	252.22	130	48.825868	-86.934292	56020.58	56251.6	-1.60	56018.98	56018.98047	56029.99509	56029.99609	504822.8	5408100.7
T8100.0	504825.0	5408100.7	8679.20020	254.50	130	48.825868	-86.934262	56020.36	56251.6	-1.60	56018.76	56018.76172	56029.96588	56029.96484	504825.0	5408100.7
T8100.0	504825.8	5408100.7	8679.29981	255.20	130	48.825868	-86.934250	56020.12	56251.6	-1.60	56018.52	56018.51953	56029.93797	56029.93750	504825.8	5408100.7
T8100.0	504827.1	5408100.7	8679.40039	250.92	130	48.825868	-86.934233	56019.90	56251.6	-1.60	56018.30	56018.30078	56029.90871	56029.91016	504827.1	5408100.7
T8100.0	504828.5	5408100.7	8679.50000	246.81	130	48.825868	-86.934214	56019.77	56251.6	-1.60	56018.17	56018.17188	56029.87344	56029.87500	504828.5	5408100.7
T8100.0	504828.5	5408100.7	8679.50000	246.81	130	48.825868	-86.934214	56019.52	56251.6	-1.60	56017.92	56017.92188	56029.84618	56029.84766	504828.5	5408100.7
T8100.0	504830.0	5408100.7	8679.59961	246.06	130	48.825868	-86.934193	56019.39	56251.6	-1.60	56017.79	56017.78906	56029.81096	56029.81250	504830.0	5408100.7
T8100.0	504831.3	5408100.7	8679.79981	248.62	130	48.825868	-86.934176	56019.24	56251.6	-1.60	56017.64	56017.64063	56029.77712	56029.77734	504831.3	5408100.7
T8100.0	504832.6	5408100.7	8679.90039	249.35	130	48.825868	-86.934159	56019.06	56251.6	-1.60	56017.46	56017.46094	56029.74535	56029.74609	504832.6	5408100.7
T8100.0	504833.9	5408100.7	8680.00000	248.84	130	48.825868	-86.934141	56018.93	56251.6	-1.60	56017.33	56017.32813	56029.71032	56029.71094	504833.9	5408100.7
T8100.0	504833.9	5408100.7	8680.09961	246.37	130	48.825868	-86.934141	56018.73	56251.6	-1.60	56017.13	56017.12891	56029.68006	56029.67969	504833.9	5408100.7
T8100.0	504836.1	5408100.7	8680.20020	244.74	130	48.825867	-86.934111	56018.56	56251.6	-1.60	56016.96	56016.96094	56029.64791	56029.64844	504836.1	5408100.7
T8100.0	504836.1	5408100.7	8680.29981	244.40	130	48.825867	-86.934111	56018.33	56251.6	-1.61	56016.72	56016.71875	56029.62057	56029.62109	504836.1	5408100.7
T8100.0	504838.2	5408100.7	8680.40039	242.41	130	48.825867	-86.934081	56018.16	56251.6	-1.61	56016.55	56016.55078	56029.58871	56029.58984	504838.2	5408100.7
T8100.0	504838.2	5408100.7	8680.50000	240.06	130	48.825867	-86.934081	56018.03	56251.6	-1.61	56016.42	56016.42188	56029.55435	56029.55469	504838.2	5408100.7
T8100.0	504839.5	5408100.7	8680.59961	238.10	130	48.825867	-86.934065	56017.82	56251.6	-1.61	56016.21	56016.21094	56029.52551	56029.52734	504839.5	5408100.7
T8100.0	504840.7	5408100.7	8680.70020	236.59	130	48.825867	-86.934047	56017.67	56251.6	-1.61	56016.05	56016.05078	56029.49353	56029.49219	504840.7	5408100.7
T8100.0	504842.0	5408100.7	8680.79981	236.95	130	48.825867	-86.934030	56017.44	56251.6	-1.62	56015.82	56015.82031	56029.46644	56029.46484	504842.0	5408100.7
T8100.0	504843.1	5408100.7	8680.90039	235.68	130	48.825867	-86.934015	56017.32	56251.6	-1.62	56015.70	56015.69922	56029.43225	56029.43359	504843.1	5408100.7
T8100.0	504843.1	5408100.7	8681.00000	235.55	130	48.825867	-86.934015	56017.09	56251.6	-1.62	56015.47	56015.46875	56029.40565	56029.40625	504843.1	5408100.7
T8100.0	504845.7	5408100.7	8681.09961	237.83	130	48.825867	-86.933980	56017.02	56251.6	-1.62	56015.40	56015.39844	56029.36864	56029.36719	504845.7	5408100.7
T8100.0	504845.7	5408100.7	8681.20020	243.21	130	48.825867	-86.933980	56016.74	56251.6	-1.62	56015.12	56015.12109	56029.34592	56029.34766	504845.7	5408100.7
T8100.0	504846.8	5408100.7	8681.29981	245.32	130	48.825868	-86.933965	56016.66	56251.6	-1.62	56015.04	56015.03906	56029.31017	56029.30859	504846.8	5408100.7
T8100.0	504848.4	5408100.7	8681.40039	243.05	130	48.825868	-86.933943	56016.38	56251.6	-1.62	56014.76	56014.76172	56029.28806	56029.28906	504848.4	5408100.7
T8100.0	504849.2	5408100.7	8681.50000	243.09	130	48.825868	-86.933931	56016.25	56251.6	-1.62	56014.64	56014.64063	56029.25563	56029.25391	504849.2	5408100.7
T8100.0	504850.5	5408100.8	8681.50000	243.09	130	48.825868	-86.933914	56016.08	56251.6	-1.62	56014.46	56014.46094	56029.22753	56029.22656	504850.5	5408100.8
T8100.0	504851.6	5408100.8	8681.59961	246.53	130	48.825868	-86.933900	56015.97	56251.6	-1.61	56014.36	56014.35938	56029.19447	56029.19531	504851.6	5408100.8
T8100.0	504851.6	5408100.8	8681.79981	248.41	130	48.825868	-86.933900	56015.75	56251.6	-1.61	56014.13	56014.12891	56029.17046	56029.17188	504851.6	5408100.8
T8100.0	504853.0	5408100.8	8681.90039	253.08	130	48.825868	-86.933880	56015.65	56251.6	-1.61	56014.04	56014.03906	56029.13750	56029.13672	504853.0	5408100.8
T8100.0	504853.9	5408100.8	8682.00000	254.88	130	48.825869	-86.933869	56015.45	56251.6	-1.61	56013.83	56013.82813	56029.11296	56029.11328	504853.9	5408100.8
T8100.0	504854.9	5408100.8	8682.09961	254.64	130	48.825869	-86.933854	56015.34	56251.6	-1.61	56013.74	56013.73828	56029.08084	56029.08203	504854.9	5408100.8
T8100.0	504856.2	5408100.9	8682.20020	251.54	130	48.825869	-86.933837	56015.17	56251.6	-1.61	56013.56	56013.55859	56029.05516	56029.05469	504856.2	5408100.9

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
T8100.0	504857.4	5408100.9	8682.29981	248.94	130	48.825869	-86.933821	56015.07	56251.6	-1.60	56013.46	56013.46094	56029.02460	56029.02344	504857.4	5408100.9
T8100.0	504858.6	5408100.9	8682.40039	250.23	130	48.825870	-86.933804	56014.78	56251.6	-1.60	56013.18	56013.17969	56029.00651	56029.00781	504858.6	5408100.9
T8100.0	504858.6	5408100.9	8682.50000	251.26	130	48.825870	-86.933804	56014.69	56251.6	-1.60	56013.09	56013.08984	56028.97623	56028.97656	504858.6	5408100.9
T8100.0	504859.8	5408101.0	8682.59961	249.60	130	48.825870	-86.933788	56014.54	56251.6	-1.60	56012.94	56012.94141	56028.95045	56028.94922	504859.8	5408101.0
T8100.0	504860.9	5408101.0	8682.70020	248.15	130	48.825870	-86.933772	56014.41	56251.6	-1.60	56012.81	56012.80859	56028.92385	56028.92578	504860.9	5408101.0
T8100.0	504860.9	5408101.0	8682.79981	250.55	130	48.825870	-86.933772	56014.18	56251.6	-1.59	56012.59	56012.58984	56028.90378	56028.90234	504860.9	5408101.0
T8100.0	504862.7	5408101.0	8682.90039	247.65	130	48.825871	-86.933749	56014.13	56251.6	-1.59	56012.54	56012.53906	56028.87290	56028.87109	504862.7	5408101.0
T8100.0	504863.6	5408101.1	8683.00000	247.00	130	48.825871	-86.933736	56013.98	56251.6	-1.59	56012.39	56012.39063	56028.84925	56028.84766	504863.6	5408101.1
T8100.0	504864.6	5408101.1	8683.09961	248.43	130	48.825871	-86.933722	56013.88	56251.6	-1.59	56012.29	56012.28906	56028.82283	56028.82422	504864.6	5408101.1
T8100.0	504865.9	5408101.1	8683.20020	248.40	130	48.825871	-86.933705	56013.72	56251.6	-1.59	56012.13	56012.12891	56028.80098	56028.80078	504865.9	5408101.1
T8100.0	504865.9	5408101.1	8683.29981	246.91	130	48.825871	-86.933705	56013.63	56251.6	-1.60	56012.03	56012.03125	56028.77573	56028.77734	504865.9	5408101.1
T8100.0	504867.3	5408101.1	8683.40039	246.89	130	48.825871	-86.933685	56013.47	56251.6	-1.60	56011.88	56011.87891	56028.75441	56028.75391	504867.3	5408101.1
T8100.0	504868.4	5408101.1	8683.50000	249.28	130	48.825871	-86.933670	56013.38	56251.6	-1.60	56011.78	56011.78125	56028.73037	56028.73047	504868.4	5408101.1
T8100.0	504869.0	5408101.1	8683.50000	249.28	130	48.825871	-86.933662	56013.24	56251.6	-1.60	56011.64	56011.64063	56028.70962	56028.71094	504869.0	5408101.1
T8100.0	504869.9	5408101.1	8683.59961	251.26	130	48.825871	-86.933650	56013.12	56251.6	-1.60	56011.52	56011.51953	56028.68818	56028.68750	504869.9	5408101.1
T8100.0	504871.1	5408101.2	8683.79981	248.33	130	48.825871	-86.933633	56013.09	56251.6	-1.61	56011.49	56011.48828	56028.66140	56028.66016	504871.1	5408101.2
T8100.0	504871.1	5408101.2	8683.90039	250.42	130	48.825871	-86.933633	56012.86	56251.6	-1.61	56011.25	56011.25000	56028.64927	56028.64844	504871.1	5408101.2
T8100.0	504873.1	5408101.2	8684.00000	250.75	130	48.825872	-86.933607	56012.79	56251.6	-1.61	56011.18	56011.17969	56028.62648	56028.62500	504873.1	5408101.2
T8100.0	504873.6	5408101.2	8684.09961	249.72	130	48.825872	-86.933599	56012.66	56251.6	-1.61	56011.05	56011.05078	56028.60838	56028.60938	504873.6	5408101.2
T8100.0	504874.7	5408101.2	8684.20020	251.61	130	48.825872	-86.933585	56012.59	56251.6	-1.61	56010.98	56010.98047	56028.58697	56028.58594	504874.7	5408101.2
T8100.0	504875.8	5408101.2	8684.29981	252.55	130	48.825872	-86.933570	56012.46	56251.6	-1.61	56010.85	56010.85156	56028.57027	56028.57031	504875.8	5408101.2
T8100.0	504875.8	5408101.2	8684.40039	250.07	130	48.825872	-86.933570	56012.41	56251.6	-1.61	56010.80	56010.80078	56028.54896	56028.55078	504875.8	5408101.2
T8100.0	504876.8	5408101.2	8684.50000	249.28	130	48.825872	-86.933556	56012.23	56251.6	-1.60	56010.63	56010.62891	56028.53637	56028.53516	504876.8	5408101.2
T8100.0	504877.3	5408101.2	8684.59961	250.11	130	48.825872	-86.933549	56012.18	56251.6	-1.60	56010.58	56010.57813	56028.51652	56028.51563	504877.3	5408101.2
T8100.0	504878.5	5408101.2	8684.70020	249.29	130	48.825872	-86.933533	56012.01	56251.6	-1.60	56010.40	56010.39844	56028.50609	56028.50781	504878.5	5408101.2
T8100.0	504879.4	5408101.2	8684.79981	248.63	130	48.825872	-86.933521	56011.98	56251.6	-1.60	56010.38	56010.37891	56028.48575	56028.48438	504879.4	5408101.2
T8100.0	504880.2	5408101.2	8684.90039	249.91	130	48.825872	-86.933509	56011.83	56251.6	-1.60	56010.23	56010.23047	56028.47484	56028.47656	504880.2	5408101.2
T8100.0	504880.2	5408101.2	8685.00000	247.47	130	48.825872	-86.933509	56011.78	56251.6	-1.60	56010.18	56010.17969	56028.45805	56028.45703	504880.2	5408101.2
T8100.0	504881.4	5408101.2	8685.09961	247.96	130	48.825872	-86.933494	56011.63	56251.6	-1.60	56010.03	56010.03125	56028.44871	56028.44922	504881.4	5408101.2
T8100.0	504882.2	5408101.2	8685.20020	253.68	130	48.825872	-86.933482	56011.63	56251.6	-1.60	56010.03	56010.03125	56028.43017	56028.42969	504882.2	5408101.2
T8100.0	504882.8	5408101.2	8685.29981	255.00	130	48.825872	-86.933474	56011.47	56251.6	-1.61	56009.87	56009.87109	56028.42310	56028.42188	504882.8	5408101.2
T8100.0	504883.7	5408101.3	8685.40039	251.38	130	48.825872	-86.933462	56011.38	56251.6	-1.61	56009.77	56009.76953	56028.41285	56028.41406	504883.7	5408101.3
T8100.0	504883.7	5408101.3	8685.50000	249.70	130	48.825872	-86.933462	56011.30	56251.6	-1.61	56009.69	56009.69141	56028.40209	56028.40234	504883.7	5408101.3
T8100.0	504885.5	5408101.3	8685.50000	249.70	130	48.825873	-86.933437	56011.17	56251.6	-1.61	56009.56	56009.55859	56028.39551	56028.39453	504885.5	5408101.3
T8100.0	504886.1	5408101.3	8685.59961	249.73	130	48.825873	-86.933430	56011.09	56251.6	-1.61	56009.48	56009.48047	56028.38643	56028.38672	504886.1	5408101.3
T8100.0	504887.0	5408101.3	8685.79981	254.46	130	48.825873	-86.933418	56011.02	56251.6	-1.62	56009.40	56009.39844	56028.37821	56028.37891	504887.0	5408101.3
T8100.0	504887.0	5408101.3	8685.90039	257.55	130	48.825873	-86.933418	56010.94	56251.6	-1.62	56009.32	56009.32031	56028.37085	56028.37109	504887.0	5408101.3
T8100.0	504887.8	5408101.4	8686.00000	256.44	130	48.825873	-86.933407	56010.79	56251.6	-1.62	56009.17	56009.17188	56028.36902	56028.36719	504887.8	5408101.4
T8100.0	504888.6	5408101.4	8686.09961	253.87	130	48.825873	-86.933395	56010.74	56251.6	-1.62	56009.12	56009.12109	56028.36142	56028.36328	504888.6	5408101.4
T8100.0	504889.3	5408101.4	8686.20020	250.27	130	48.825874	-86.933386	56010.64	56251.6	-1.62	56009.02	56009.01953	56028.35803	56028.35938	504889.3	5408101.4
T8100.0	504889.9	5408101.4	8686.29981	248.77	130	48.825874	-86.933378	56010.57	56251.6	-1.62	56008.95	56008.94922	56028.35354	56028.35547	504889.9	5408101.4
T8100.0	504890.7	5408101.5	8686.40039	250.77	130	48.825874	-86.933367	56010.48	56251.6	-1.62	56008.87	56008.87109	56028.35062	56028.35156	504890.7	5408101.5
T8100.0	504891.5	5408101.5	8686.50000	247.77	130	48.825874	-86.933356	56010.38	56251.6	-1.62	56008.77	56008.76953	56028.34996	56028.35156	504891.5	5408101.5
T8100.0	504891.5	5408101.5	8686.59961	245.94	130	48.825874	-86.933356	56010.24	56251.6	-1.61	56008.62	56008.62109	56028.35354	56028.35547	504891.5	5408101.5
T8100.0	504892.3	5408101.5	8686.70020	243.91	130	48.825874	-86.933345	56010.23	56251.6	-1.61	56008.62	56008.62109	56028.34806	56028.34766	504892.3	5408101.5
T8100.0	504893.2	5408101.5	8686.79981	247.22	130	48.825875	-86.933333	56010.14	56251.6	-1.61	56008.53	56008.53125	56028.34952	56028.34766	504893.2	5408101.5
T8100.0	504893.9	5408101.5	8686.90039	250.39	130	48.825875	-86.933323	56010.08	56251.6	-1.61	56008.47	56008.46875	56028.34992	56028.35156	504893.9	5408101.5
T8100.0	504894.5	5408101.6	8687.00000	252.14	130	48.825875	-86.933315	56009.98	56251.6	-1.61	56008.37	56008.37109	56028.35395	56028.35547	504894.5	5408101.6
T8100.0	504895.2	5408101.6	8687.09961	251.75	130	48.825875	-86.933305	56009.88	56251.6	-1.61	56008.27	56008.26953	56028.35894	56028.35938	504895.2	5408101.6
T8100.0	504895.2	5408101.6	8687.20020	248.82	130	48.825875	-86.933305	56009.83	56251.6	-1.61	56008.22	56008.21875	56028.36157	56028.36328	504895.2	5408101.6
T8100.0	504895.8	5408101.6	8687.29981	246.35	130	48.825875	-86.933296	56009.70	56251.6	-1.61	56008.09	56008.08984	56028.37051	56028.37109	504895.8	5408101.6
T8100.0	504896.9	5408101.6	8687.40039	245.62	130	48.825875	-86.933283	56009.68	56251.6	-1.61	56008.07	56008.07031	56028.37310	56028.37500	504896.9	5408101.6
T8100.0	504896.9	5408101.6	8687.50000	245.69	130	48.825875	-86.933283	56009.57	56251.6	-1.61	56007.96	56007.96094	56028.38269	56028.38281	504896.9	5408101.6
T8100.0	504897.7	5408101.6	8687.50000	245.69	130	48.825875	-86.933271	56009.53	56251.6	-1.61	56007.92	56007.92188	56028.38861	56028.38672	504897.7	5408101.6
T8100.0	504897.7	5408101.6	8687.59961	249.97	130	48.825875	-86.933271	56009.45	56251.6	-1.61	56007.84	56007.83984	56028.39821	56028.39844	504897.7	5408101.6
T8100.0	504898.9	5408101.6	8687.79981	250.76	130	48.825875	-86.933255	56009.45	56251.6	-1.61	56007.83	56007.82813	56028.40416	56028.40234	504898.9	5408101.6
T8100.0	504899.5	5408101.6	8687.90039	248.98	130	48.825875	-86.933247	56009.38	56251.6	-1.61	56007.77	56007.76953	56028.41447	56028.41406	504899.5	5408101.6
T8100.0	504899.5	5408101.6	8688.00000	245.38	108.94	48.825875	-86.933247	56009.35	56251.6	-1.61	56007.74	56007.73828	56028.42380	56028.42188	504899.5	5408101.6
T8100.0	504900.1	5408101.5	8688.09961	245.07	108.94	48.825875	-86.933239	56009.22	56251.6	-1.61	56007.61	56007.60938	56028.44085	56028.44141	504900.1	5408101.5
T8100.0	504900.5	5408101.5	8688.20020	246.46	86.47	48.825874	-86.933233	56009.22	56251.6	-1.61	56007.61	56007.60938	56028.45027	56028.44922	504900.5	5408101.5
T8100.0	504901.0	5408101.5	8688.29981	243.18	86.47	48.825874	-86.933226	56009.18	56251.6	-1.61	56007.57	56007.57031	56028.46341	56028.46484	504901.0	5408101.5
T8100.0	504901.6	5408101.4	8688.40039	241.35	86.09	48.825874	-86.933218	56009.15	56251.6	-1.61	56007.54	56007.53906	56028.47694	56028.47656	504901.6	5408101.4
T8100.0	504901.6	5408101.4	8688.50000	239.81	85.81	48.825874	-86.933218	56009.10	56251.6	-1.61	56007.49	56007.48828	56028.49287	56028.49219	504901.6	5408101.4
T8100.0	504902.1	5408101.4	8688.59961	240.88	85.81	48.825873	-86.933211	56009.05	56251.6	-1.61	56007.44	56007.44141	56028.50988	56028.51172	504902.1	5408101.4
T8100.0	504902.8	5408101.3	8688.70020	240.16	84.11	48.825873	-86.933202	56008.94	56251.6	-1.61	56007.33	56007.32813	56028.53196	56028.53125	504902.8	5408101.3
T8100.0	504903.2	5408101.3	8688.79981	241.30	84.11	48.825872	-86.933196	56008.94	56251.6	-1.61	56007.33	56007.32813	56028.54779	56028.54688	504903.2	5408101.3
T8100.0	504903.6	5408101.2	8688.90039	243.22	84.98	48.825872	-86.933190	56008.89	56251.6	-1.61	56007.28	56007.28125	56028.56805	56028.56641	504903.6	5408101.2
T8100.0	504903.6	5408101.2	8689.00000	246.21	85.62	48.825872	-86.933190	56008.84	56251.6	-1.61	56007.23	56007.23047	56028.58940	56028.58984	504903.6	5408101.2
T8100.0	504904.1	5408101.2	8689.09961	246.12	85.62	48.825872	-86.933183	56008.77	56251.6	-1.61	56007.15	56007.14844	56028.61386	56028.61328	504904.1	5408101.2
T8100.0	504904.5	5408101.2	8689.20020	244.09	85.03	48.825872	-86.933179	56008.77	56251.6	-1.61	56007.15	56007.14844	56028.63409	56028.63281	504904.5	5408101.2
T8100.0	504905.0	5408101.2	8689.29981	243.56	86.08	48.825871	-86.933172	56008.70	56251.6	-1.62	56007.08	56007.07813	56028.66011	56028.66016	504905.0	5408101.2
T8100.0	504905.4	5408101.2	8689.40039	240.60	86.08	48.825871	-86.933166	56008.77	56251.6	-1.62	56007.15	56007.14844	56028.67790	56028.67969	504905.4	5408101.2
T8100.0	504905.4	5408101.2	8689.40039	240.60	86.36	48.825871	-86.933166	56008.67	56251.6	-1.62	56007.05	56007.05078	56028.70816	56028.70703	504905.4	5408101.2
T8100.0	504905.8	5408101.2	8689.50000	239.42	86.36	48.825871	-86.933161	56008.67	56251.6	-1.62	56007.05	56007.05078	56028.73288	56028.73438	504905.8	5408101.2
T8100.0	504906.2	5408101.2	8689.59961	238.33	83.73	48.825872	-86.933156	56008.62	56251.6	-1.62	56007.00	56007.00000	56028.76207	56028.76172	504906.2	5408101.2
T8100.0	504906.6	5408101.3	8689.70020	238.33	83.73	48.825872	-86.933150	56008.62	56251.6	-1.62	56007.00	56007.00000	56028.78906	56028.78906	504906.6	5408101.3
T8100.0	504906.6	5408101.3	8689.79981	241.43	84.49	48.825872	-86.933150	56008.56	56251.6	-1.63	56006.94	56006.94141	56028.82119	56028.82031	504906.6	5408101.3
T8100.0	504906.9	5408101.3	8689.90039	243.20	84.49	48.825872	-86.933146	56008.54	56251.6	-1.63	56006.91	56006.91016	56028.85247	56028.85156	504906.9	5408101.3
T8100.0	504907.2	5408101.4	8690.00000	244.97	77.39	48.825873	-86.933141	56008.46	56251.6	-1.63	56006.83	56006.82813	56028.88823	56028.88672	504907.2	5408101.4
T8100.0	504907.5	5408101.4	8690.20020	246.20	77.39	48.825873	-86.933137	56008.44	56251.6	-1.62	56006.82	56006.82031	56028.92048	56028.92188	504907.5	5408101.4
T8100.0	504907.5	5408101.4	8690.20020	246.87	77.6	48.825873	-86.933137	56008.41	56251.6	-1.62	56006.79	56006.78906	56028.95521	56028.95703	504907.5	5408101.4
T8100.0	504907.9	5408101.5	8690.40039	248.87	77.6	48.825874	-86.933132	56008.39	56251.6	-1.61	56006.77	56006.76953	56028.99044	56028.99219	504907.9	5408101.5
T8100.0	504908.2	5408101.5	8690.50000	248.02	83.6	48.825874	-86.933128	56008.36	56251.6	-1.61	56006.75	56006.75000	56029.02683	56029.02734	504908.2	5408101.5
T8100.0	504908.5	5408101.6	8690.59961	248.66	80.13	48.825875	-86.933124	56008.39	56251.6	-1.61	56006.78	56006.78125	56029.06105	56029.06250	504908.5	5408101.6
T8100.0	504908.5	5408101.6	8690.70020	245.82	80.13	48.825875	-86.933124	56008.36	56251.6	-1.60	56006.76	56006.76172	56029.09977	56029.10156	504908.5	5408101.6
T8100.0	504908.9	5408101.6	8690.79981	246.15	80.5	48.825875	-86.933119	56008.34	56251.6	-1.60	56006.74	56006.73828	56029.13965	56029.14063	504908.9	5408101.6
T8100.0	504909.1	5408101.6	8690.90039	245.73	80.5	48.825875	-86.933116	56008.32	56251.6	-1.59	56006.72	56006.71875	56029.18070	56029.17969	504909.1	5408101.6
T8100.0	504909.1	5408101.6	8691.00000	244.22	80.07	48.825875	-86.933116	56008.29	56251.6	-1.59	56006.70	56006.69922	56029.22292	56029.22266	504909.1	5408101.6
T8100.0	504909.3	5408101.6	8691.09961	244.77	82.55	48.825875	-86.933113	56008.34	56251.6	-1.59	56006.75	56006.75000	56029.26164	56029.26172	504909.3	5408101.6
T8100.0	504909.5	5408101.6	8691.20020	245.59	82.55	48.825875	-86.933111	56008.39	56251.6	-1.59	56006.79	56006.78906	56029.30219	56029.30078	504909.5	5408101.6
T8100.0	504909.5	5408101.6	8691.29981	248.80	82.39	48.825875	-86.933111	56008.29	56251.6	-1.60	56006.69	56006.69141	56029.35324	56029.35156	504909.5	5408101.6
T8100.0	504909.7	5408101.6	8691.40039	251.33	78.43	48.825875	-86.933108	56008.36	56251.6	-1.60	56006.76	56006.76172	56029.39412	56029.39453	504909.7	5408101.6
T8100.0	504909.9	5408101.6	8691.50000	251.88	78.43	48.825875	-86.933105	56008.36	56251.6	-1.60	56006.76	56006.76172	56029.44083	56029.44141	504909.9	5408101.6

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
T8100.0	504909.9	5408101.6	8691.50000	251.88	78.43	48.825875	-86.933105	56008.36	56251.6	-1.60	56006.76	56006.76172	56029.48870	56029.48828	504909.9	5408101.6
T8100.0	504910.1	5408101.5	8691.59961	247.76	75.44	48.825875	-86.933103	56008.29	56251.6	-1.60	56006.68	56006.67969	56029.54306	56029.54297	504910.1	5408101.5
T8100.0	504910.1	5408101.5	8691.79981	247.27	76.18	48.825875	-86.933103	56008.34	56251.6	-1.61	56006.73	56006.73047	56029.58990	56029.58984	504910.1	5408101.5
T8100.0	504910.3	5408101.5	8691.90039	246.06	76.18	48.825874	-86.933100	56008.32	56251.6	-1.61	56006.71	56006.71094	56029.64257	56029.64063	504910.3	5408101.5
T8100.0	504910.3	5408101.5	8692.00000	245.53	78.73	48.825874	-86.933100	56008.36	56251.6	-1.61	56006.75	56006.75000	56029.69237	56029.69141	504910.3	5408101.5
T8100.0	504910.4	5408101.5	8692.09961	250.58	78.73	48.825874	-86.933099	56008.36	56251.6	-1.61	56006.75	56006.75000	56029.74599	56029.74609	504910.4	5408101.5
T8100.0	504910.5	5408101.5	8692.20020	250.82	86.24	48.825874	-86.933098	56008.48	56251.6	-1.61	56006.87	56006.87109	56029.79273	56029.79297	504910.5	5408101.5
T8100.0	504910.6	5408101.5	8692.29981	251.92	77.44	48.825874	-86.933096	56008.48	56251.6	-1.61	56006.87	56006.87109	56029.84861	56029.84766	504910.6	5408101.5
T8100.0	504910.8	5408101.5	8692.40039	253.07	77.44	48.825874	-86.933093	56008.52	56251.6	-1.61	56006.90	56006.89844	56029.90360	56029.90234	504910.8	5408101.5
T8100.0	504910.8	5408101.5	8692.50000	252.27	77.67	48.825874	-86.933093	56008.56	56251.6	-1.62	56006.95	56006.94922	56029.95838	56029.95703	504910.8	5408101.5
T8100.0	504910.9	5408101.5	8692.59961	252.11	77.67	48.825874	-86.933091	56008.62	56251.6	-1.62	56007.00	56007.00000	56030.01425	56030.01563	504910.9	5408101.5
T8100.0	504911.2	5408101.5	8692.70020	251.24	77.99	48.825874	-86.933088	56008.77	56251.6	-1.62	56007.15	56007.14844	56030.06456	56030.06641	504911.2	5408101.5
T8100.0	504911.3	5408101.5	8692.79981	249.06	78.75	48.825874	-86.933087	56008.82	56251.6	-1.62	56007.20	56007.19922	56030.12263	56030.12109	504911.3	5408101.5
T8100.0	504911.5	5408101.5	8692.90039	246.86	78.75	48.825874	-86.933084	56008.97	56251.6	-1.62	56007.35	56007.35156	56030.17510	56030.17578	504911.5	5408101.5
T8100.0	504911.5	5408101.5	8693.00000	247.04	78.75	48.825874	-86.933084	56009.07	56251.6	-1.62	56007.45	56007.44922	56030.23197	56030.23047	504911.5	5408101.5
T8100.0	504911.7	5408101.5	8693.09961	246.08	78.75	48.825874	-86.933080	56009.18	56251.6	-1.62	56007.55	56007.55078	56030.28990	56030.28906	504911.7	5408101.5
T8100.0	504912.0	5408101.5	8693.20020	246.45	78.75	48.825874	-86.933076	56009.32	56251.6	-1.62	56007.70	56007.69922	56030.34554	56030.34375	504912.0	5408101.5
T8100.0	504912.0	5408101.5	8693.29981	246.07	82.37	48.825874	-86.933076	56009.45	56251.6	-1.63	56007.83	56007.82813	56030.40354	56030.40234	504912.0	5408101.5
T8100.0	504912.2	5408101.5	8693.40039	246.22	80.01	48.825874	-86.933073	56009.58	56251.6	-1.63	56007.95	56007.94922	56030.46323	56030.46484	504912.2	5408101.5
T8100.0	504912.5	5408101.5	8693.50000	247.21	80.01	48.825874	-86.933070	56009.70	56251.6	-1.63	56008.07	56008.07031	56030.52393	56030.52344	504912.5	5408101.5
T8100.0	504912.7	5408101.5	8693.50000	247.21	79.83	48.825874	-86.933067	56009.88	56251.6	-1.63	56008.25	56008.25000	56030.58161	56030.58203	504912.7	5408101.5
T8100.0	504912.9	5408101.5	8693.59961	248.46	79.83	48.825874	-86.933065	56010.01	56251.6	-1.63	56008.38	56008.37891	56030.64361	56030.64453	504912.9	5408101.5
T8100.0	504912.9	5408101.5	8693.79981	252.43	75.94	48.825874	-86.933065	56010.11	56251.6	-1.64	56008.48	56008.48047	56030.70857	56030.70703	504912.9	5408101.5
T8100.0	504913.1	5408101.5	8693.90039	252.54	75.94	48.825874	-86.933062	56010.28	56251.6	-1.64	56008.64	56008.64063	56030.77047	56030.76953	504913.1	5408101.5
T8100.0	504913.3	5408101.5	8694.00000	254.33	75.94	48.825874	-86.933059	56010.41	56251.6	-1.64	56008.77	56008.76953	56030.83531	56030.83594	504913.3	5408101.5
T8100.0	504913.5	5408101.5	8694.09961	254.55	76.57	48.825874	-86.933056	56010.56	56251.6	-1.64	56008.93	56008.92969	56030.89905	56030.89844	504913.5	5408101.5
T8100.0	504913.7	5408101.5	8694.20020	255.07	76.57	48.825874	-86.933054	56010.69	56251.6	-1.64	56009.05	56009.05078	56030.96637	56030.96484	504913.7	5408101.5
T8100.0	504913.7	5408101.5	8694.29981	254.43	75.1	48.825874	-86.933054	56010.84	56251.6	-1.63	56009.21	56009.21094	56031.03189	56031.03125	504913.7	5408101.5
T8100.0	504913.9	5408101.5	8694.40039	252.63	80.75	48.825874	-86.933051	56010.95	56251.6	-1.63	56009.31	56009.30859	56031.10228	56031.10156	504913.9	5408101.5
T8100.0	504914.0	5408101.5	8694.50000	252.24	82.61	48.825874	-86.933048	56011.14	56251.6	-1.63	56009.51	56009.51172	56031.16684	56031.16797	504914.0	5408101.5
T8100.0	504914.2	5408101.5	8694.59961	251.83	82.61	48.825874	-86.933046	56011.30	56251.6	-1.63	56009.67	56009.67188	56031.23489	56031.23438	504914.2	5408101.5
T8100.0	504914.5	5408101.5	8694.70020	251.68	81.26	48.825874	-86.933043	56011.45	56251.6	-1.63	56009.82	56009.82031	56031.30442	56031.30469	504914.5	5408101.5
T8100.0	504914.7	5408101.5	8694.79981	250.17	81.26	48.825874	-86.933040	56011.60	56251.6	-1.62	56009.98	56009.98047	56031.37406	56031.37500	504914.7	5408101.5
T8100.0	504914.8	5408101.5	8694.90039	251.74	81.83	48.825874	-86.933038	56011.78	56251.6	-1.62	56010.15	56010.14844	56031.44381	56031.44531	504914.8	5408101.5
T8100.0	504914.8	5408101.5	8695.00000	253.88	81.83	48.825874	-86.933038	56011.93	56251.6	-1.62	56010.31	56010.30859	56031.51496	56031.51563	504914.8	5408101.5
T8100.0	504915.1	5408101.5	8695.09961	255.10	81.9	48.825874	-86.933034	56012.11	56251.6	-1.62	56010.49	56010.48828	56031.58550	56031.58594	504915.1	5408101.5
T8100.0	504915.1	5408101.5	8695.20020	254.97	81.78	48.825874	-86.933034	56012.26	56251.6	-1.62	56010.64	56010.64063	56031.65875	56031.66016	504915.1	5408101.5
T8100.0	504915.5	5408101.4	8695.29981	253.34	82.1	48.825874	-86.933029	56012.41	56251.6	-1.62	56010.79	56010.78906	56031.73268	56031.73438	504915.5	5408101.4
T8100.0	504915.5	5408101.4	8695.40039	253.34	82.1	48.825874	-86.933029	56012.59	56251.6	-1.62	56010.97	56010.96875	56031.80527	56031.80469	504915.5	5408101.4
T8100.0	504915.7	5408101.4	8695.50000	252.17	81.53	48.825873	-86.933027	56012.74	56251.6	-1.62	56011.12	56011.12109	56031.88050	56031.87891	504915.7	5408101.4
T8100.0	504915.8	5408101.4	8695.50000	252.17	81.07	48.825873	-86.933024	56012.94	56251.6	-1.62	56011.32	56011.32031	56031.95301	56031.95313	504915.8	5408101.4
T8100.0	504916.0	5408101.4	8695.59961	251.98	77.46	48.825873	-86.933022	56013.07	56251.6	-1.61	56011.45	56011.44922	56032.03079	56032.03125	504916.0	5408101.4
T8100.0	504916.2	5408101.4	8695.79981	251.67	77.46	48.825873	-86.933019	56013.22	56251.6	-1.61	56011.61	56011.60938	56032.10713	56032.10547	504916.2	5408101.4
T8100.0	504916.4	5408101.4	8695.90039	252.86	79.44	48.825873	-86.933017	56013.42	56251.6	-1.61	56011.81	56011.80859	56032.18135	56032.17969	504916.4	5408101.4
T8100.0	504916.6	5408101.3	8696.00000	252.33	79.44	48.825873	-86.933014	56013.57	56251.6	-1.61	56011.96	56011.96094	56032.25944	56032.25781	504916.6	5408101.3
T8100.0	504916.8	5408101.3	8696.09961	251.55	81.3	48.825873	-86.933011	56013.73	56251.6	-1.61	56012.11	56012.10938	56032.33802	56032.33984	504916.8	5408101.3
T8100.0	504916.8	5408101.3	8696.20020	254.34	82.7	48.825873	-86.933011	56013.90	56251.6	-1.62	56012.29	56012.28906	56032.41508	56032.41406	504916.8	5408101.3
T8100.0	504917.0	5408101.3	8696.29981	256.18	86.39	48.825873	-86.933008	56014.06	56251.6	-1.62	56012.44	56012.44141	56032.49460	56032.49609	504917.0	5408101.3
T8100.0	504917.2	5408101.3	8696.40039	256.50	86.39	48.825873	-86.933006	56014.21	56251.6	-1.62	56012.58	56012.57813	56032.57521	56032.57422	504917.2	5408101.3
T8100.0	504917.4	5408101.3	8696.50000	257.94	86.71	48.825872	-86.933002	56014.38	56251.6	-1.63	56012.76	56012.76172	56032.65357	56032.65234	504917.4	5408101.3
T8100.0	504917.7	5408101.3	8696.59961	259.77	86.71	48.825872	-86.932999	56014.59	56251.6	-1.63	56012.96	56012.96094	56032.73097	56032.73047	504917.7	5408101.3
T8100.0	504917.7	5408101.3	8696.70020	259.32	86.74	48.825872	-86.932999	56014.71	56251.6	-1.63	56013.08	56013.07813	56032.81407	56032.81250	504917.7	5408101.3
T8100.0	504918.1	5408101.3	8696.79981	257.78	86.74	48.825872	-86.932993	56014.91	56251.6	-1.63	56013.28	56013.28125	56032.89217	56032.89063	504918.1	5408101.3
T8100.0	504918.4	5408101.3	8696.90039	257.38	87.04	48.825872	-86.932990	56015.09	56251.6	-1.64	56013.46	56013.46094	56032.97191	56032.97266	504918.4	5408101.3
T8100.0	504918.4	5408101.3	8697.00000	259.59	87.04	48.825872	-86.932990	56015.24	56251.6	-1.64	56013.60	56013.60156	56033.05460	56033.05469	504918.4	5408101.3
T8100.0	504918.6	5408101.3	8697.09961	258.80	91.53	48.825872	-86.932986	56015.44	56251.6	-1.64	56013.80	56013.80078	56033.13355	56033.13281	504918.6	5408101.3
T8100.0	504918.9	5408101.3	8697.20020	258.13	91.53	48.825872	-86.932983	56015.65	56251.6	-1.63	56014.01	56014.01172	56033.21207	56033.21094	504918.9	5408101.3
T8100.0	504918.9	5408101.3	8697.29981	257.04	88.97	48.825872	-86.932983	56015.80	56251.6	-1.63	56014.17	56014.17188	56033.29414	56033.29297	504918.9	5408101.3
T8100.0	504919.2	5408101.3	8697.40039	257.36	88.97	48.825872	-86.932979	56015.93	56251.6	-1.63	56014.30	56014.30078	56033.30337	56033.30469	504919.2	5408101.3
T8100.0	504919.4	5408101.2	8697.50000	256.85	91.57	48.825872	-86.932975	56016.16	56251.6	-1.63	56014.53	56014.53125	56033.28175	56033.28125	504919.4	5408101.2
T8100.0	504919.6	5408101.2	8697.50000	256.85	94.56	48.825872	-86.932972	56016.33	56251.6	-1.63	56014.71	56014.71094	56033.26313	56033.26172	504919.6	5408101.2
T8100.0	504919.9	5408101.2	8697.59961	255.70	94.83	48.825872	-86.932969	56016.43	56251.6	-1.62	56014.81	56014.80859	56033.24637	56033.24609	504919.9	5408101.2
T8100.0	504919.9	5408101.2	8697.79981	255.90	94.83	48.825872	-86.932969	56016.71	56251.6	-1.62	56015.10	56015.10156	56033.21762	56033.21875	504919.9	5408101.2
T8100.0	504920.2	5408101.2	8697.90039	257.58	96.38	48.825872	-86.932964	56016.86	56251.6	-1.61	56015.25	56015.25000	56033.18954	56033.19141	504920.2	5408101.2
T8100.0	504920.5	5408101.2	8698.00000	258.84	96.38	48.825872	-86.932961	56017.02	56251.6	-1.61	56015.41	56015.41016	56033.15395	56033.15234	504920.5	5408101.2
T8100.0	504920.8	5408101.2	8698.09961	259.28	92.46	48.825871	-86.932957	56017.22	56251.6	-1.61	56015.61	56015.60938	56033.10907	56033.10938	504920.8	5408101.2
T8100.0	504920.8	5408101.2	8698.20020	261.01	92.72	48.825871	-86.932957	56017.44	56251.6	-1.61	56015.83	56015.82813	56033.05487	56033.05469	504920.8	5408101.2
T8100.0	504921.0	5408101.2	8698.29981	260.43	96.93	48.825871	-86.932953	56017.57	56251.6	-1.62	56015.95	56015.94922	56032.99142	56032.99219	504921.0	5408101.2
T8100.0	504921.3	5408101.2	8698.40039	261.25	96.93	48.825871	-86.932950	56017.79	56251.6	-1.62	56016.17	56016.17188	56032.91682	56032.91797	504921.3	5408101.2
T8100.0	504921.7	5408101.1	8698.50000	260.81	97.05	48.825871	-86.932944	56017.98	56251.6	-1.62	56016.36	56016.35938	56032.83302	56032.83203	504921.7	5408101.1
T8100.0	504921.7	5408101.1	8698.59961	258.70	97.4	48.825871	-86.932944	56018.13	56251.6	-1.62	56016.51	56016.51172	56032.74047	56032.74219	504921.7	5408101.1
T8100.0	504922.0	5408101.1	8698.70020	259.27	97.4	48.825871	-86.932940	56018.33	56251.6	-1.62	56016.70	56016.69922	56032.64355	56032.64453	504922.0	5408101.1
T8100.0	504922.3	5408101.1	8698.79981	260.04	97.53	48.825870	-86.932936	56018.51	56251.6	-1.63	56016.88	56016.87891	56032.54352	56032.54297	504922.3	5408101.1
T8100.0	504922.5	5408101.0	8698.90039	258.50	97.53	48.825870	-86.932933	56018.68	56251.6	-1.63	56017.06	56017.05859	56032.44342	56032.44531	504922.5	5408101.0
T8100.0	504922.5	5408101.0	8699.00000	259.44	95.64	48.825870	-86.932933	56018.84	56251.6	-1.63	56017.21	56017.21094	56032.34321	56032.34375	504922.5	5408101.0
T8100.0	504922.9	5408101.0	8699.09961	263.55	88.61	48.825870	-86.932929	56019.06	56251.6	-1.63	56017.43	56017.42969	56032.25263	56032.25391	504922.9	5408101.0
T8100.0	504923.1	5408101.0	8699.20020	264.10	88.61	48.825869	-86.932925	56019.21	56251.6	-1.63	56017.59	56017.58984	56032.16339	56032.16406	504923.1	5408101.0
T8100.0	504923.4	5408101.0	8699.29981	265.03	88.27	48.825869	-86.932921	56019.42	56251.6	-1.63	56017.79	56017.78906	56032.08751	56032.08594	504923.4	5408101.0
T8100.0	504923.4	5408101.0	8699.40039	264.93	89.95	48.825869	-86.932921	56019.62	56251.6	-1.63	56018.00	56018.00000	56032.02350	56032.02344	504923.4	5408101.0
T8100.0	504923.7	5408100.9	8699.50000	266.07	89.95	48.825869	-86.932917	56019.77	56251.6	-1.63	56018.14	56018.14063	56031.96048	56031.96094	504923.7	5408100.9
T8100.0	504924.0	5408100.9	8699.50000	266.07	90.04	48.825869	-86.932913	56020.00	56251.6	-1.63	56018.37	56018.37109	56031.91827	56031.91797	504924.0	5408100.9
T8100.0	504924.0	5408100.9	8699.59961	267.47	89.46	48.825869	-86.932913	56020.15	56251.6	-1.62	56018.53	56018.53125	56031.87564	56031.87500	504924.0	5408100.9
T8100.0	504924.3	5408100.9	8699.79981	267.82	89.46	48.825869	-86.932909	56020.40	56251.6	-1.62	56018.78	56018.78125	56031.85607	56031.85547	504924.3	5408100.9
T8100.0	504924.5	5408100.9	8699.90039	266.35	87.06	48.825868	-86.932906	56020.53	56251.6	-1.62	56018.91	56018.91016	56031.82759	56031.82813	504924.5	5408100.9
T8100.0	504924.8	5408100.9	8700.00000	265.93	87.06	48.825868	-86.932903	56020.76	56251.6	-1.62	56019.14	56019.14063	56031.82582	56031.82422	504924.8	5408100.9
T8100.0	504925.0	5408100.8	8700.09961	266.92	89.95	48.825868	-86.932899	56020.94	56251.6	-1.62	56019.32	56019.32031	56031.82673	56031.82813	504925.0	5408100.8
T8100.0	504925.3	5408100.8	8700.20020	267.36	89.95	48.825868	-86.932896	56021.16	56251.6	-1.62	56019.54	56019.53906	56031.84630	56031.84766	504925.3	5408100.8
T8100.0	504925.5	5408100.8	8700.29981	267.40	89.04	48.825868	-86.932893	56021.32	56251.6	-1.63	56019.69	56019.69141	56031.86475	56031.86328	504925.5	5408100.8
T8100.0	504925.5	5408100.8	8700.40039	267.65	92.47	48.825868	-86.932893	56021.54	56251.6	-1.63	56019.91	56019.91016	56031.90831	56031.91016	504925.5	5408100.8
T8100.0	504925.8	5408100.8	8700.50000	267.83	92.47	48.825868	-86.932888	56021.77	56251.6	-1.63	56020.14	56020.14063	56031.96603	56031.96484	504925.8	5408100.8
T8100.0	504926.0	5408100.7	8700.59961	269.46	95.05	48.825867	-86.932886	56021.97	56251.6	-1.63	56020.34	56020.33984	56032.02919	56032.02734	504926.0	5408100.7
T8100.0	504926.2	5408100.7	8700.70020	267.88	96.68	48.825867	-86.932882	56022.15	56251.6	-1.63	56020.51	56020.51172	56031.61247	56031.61328	504926.2	5408100.7
T8100.0	504926.5	5408100.7	8700.79981	268.14	96.68	48.825867	-86.932879	56022.30	56251.6	-1.64	56020.67	56020.67188	56031.66739	56031.66797	504926.5	5408100.7

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
T8100.0	504926.7	5408100.7	8700.90039	269.25	94.67	48.825867	-86.932877	56022.43	56251.6	-1.64	56020.79	56020.78906	56031.73366	56031.73438	504926.7	5408100.7
T8100.0	504926.7	5408100.7	8701.00000	270.78	98.06	48.825867	-86.932877	56022.50	56251.6	-1.64	56020.86	56020.85938	56031.81116	56031.81250	504926.7	5408100.7
T8100.0	504926.9	5408100.6	8701.09961	271.94	98.06	48.825866	-86.932874	56022.58	56251.6	-1.64	56020.94	56020.94141	56031.89366	56031.89453	504926.9	5408100.6
T8100.0	504927.0	5408100.6	8701.20020	269.40	97.13	48.825866	-86.932872	56022.70	56251.6	-1.64	56021.06	56021.05859	56031.97751	56031.97656	504927.0	5408100.6
T8100.0	504927.2	5408100.6	8701.29981	268.28	97.23	48.825866	-86.932870	56022.70	56251.6	-1.64	56021.06	56021.05859	56032.07674	56032.07813	504927.2	5408100.6
T8100.0	504927.3	5408100.6	8701.40039	267.83	97.23	48.825866	-86.932868	56022.81	56251.6	-1.64	56021.17	56021.17188	56032.17104	56032.17188	504927.3	5408100.6
T8100.0	504927.4	5408100.6	8701.50000	266.70	98.29	48.825866	-86.932866	56022.84	56251.6	-1.64	56021.20	56021.19922	56032.78128	56032.78125	504927.4	5408100.6
T8100.0	504927.5	5408100.5	8701.50000	266.70	97.98	48.825865	-86.932865	56022.88	56251.6	-1.64	56021.24	56021.23828	56032.88610	56032.88672	504927.5	5408100.5
T8100.0	504927.5	5408100.5	8701.59961	267.31	96.22	48.825865	-86.932865	56022.88	56251.6	-1.64	56021.24	56021.23828	56032.98997	56032.98828	504927.5	5408100.5
T8100.0	504927.6	5408100.5	8701.79981	268.14	96.22	48.825865	-86.932864	56022.91	56251.6	-1.64	56021.27	56021.26953	56033.10824	56033.10938	504927.6	5408100.5
T8100.0	504927.7	5408100.5	8701.90039	266.45	99.02	48.825865	-86.932863	56022.91	56251.6	-1.64	56021.27	56021.26953	56033.23137	56033.23047	504927.7	5408100.5
T8100.0	504927.7	5408100.5	8702.00000	264.53	98.41	48.825865	-86.932862	56022.93	56251.6	-1.64	56021.29	56021.28906	56033.37123	56033.37109	504927.7	5408100.5
T8100.0	504927.8	5408100.5	8702.09961	264.71	99.66	48.825865	-86.932861	56022.86	56251.6	-1.64	56021.22	56021.21875	56033.50793	56033.50781	504927.8	5408100.5
T8100.0	504927.8	5408100.5	8702.20020	266.33	99.66	48.825865	-86.932861	56022.93	56251.6	-1.64	56021.30	56021.30078	56033.68218	56033.68359	504927.8	5408100.5
T8100.0	504927.8	5408100.5	8702.29981	268.40	86.25	48.825865	-86.932861	56022.86	56251.6	-1.64	56021.22	56021.21875	56033.84013	56033.83984	504927.8	5408100.5
T8100.0	504927.9	5408100.5	8702.40039	267.86	89.37	48.825865	-86.932860	56022.88	56251.6	-1.64	56021.25	56021.25000	56034.02438	56034.02344	504927.9	5408100.5
T8100.0	504927.9	5408100.5	8702.50000	266.34	85.05	48.825865	-86.932859	56022.88	56251.6	-1.63	56021.25	56021.25000	56034.20974	56034.21094	504927.9	5408100.5
T8100.0	504928.0	5408100.5	8702.59961	265.38	85.05	48.825865	-86.932858	56022.91	56251.6	-1.63	56021.27	56021.26953	56034.39916	56034.39844	504928.0	5408100.5
T8100.0	504928.1	5408100.5	8702.70020	266.23	94.94	48.825865	-86.932858	56022.88	56251.6	-1.63	56021.25	56021.25000	56034.58004	56034.57813	504928.1	5408100.5
T8100.0	504928.1	5408100.5	8702.79981	266.77	92.74	48.825865	-86.932857	56022.88	56251.6	-1.63	56021.25	56021.25000	56034.75433	56034.75391	504928.1	5408100.5
T8100.0	504928.1	5408100.5	8702.90039	265.59	97.2	48.825865	-86.932857	56022.81	56251.6	-1.63	56021.18	56021.17969	56034.90234	56034.90234	504928.1	5408100.5
T8100.0	504928.2	5408100.5	8703.00000	265.13	99.96	48.825865	-86.932855	56022.78	56251.6	-1.63	56021.15	56021.14844	56035.02896	56035.02734	504928.2	5408100.5
T8100.0	504928.4	5408100.5	8703.09961	265.92	99.96	48.825865	-86.932853	56022.73	56251.6	-1.63	56021.10	56021.10156	56035.12425	56035.12500	504928.4	5408100.5
T8100.0	504928.5	5408100.5	8703.20020	264.29	98.69	48.825865	-86.932851	56022.73	56251.6	-1.63	56021.10	56021.10156	56035.19598	56035.19531	504928.5	5408100.5
T8100.0	504928.5	5408100.5	8703.29981	263.19	99.7	48.825865	-86.932851	56022.68	56251.6	-1.63	56021.05	56021.05078	56035.23898	56035.23828	504928.5	5408100.5
T8100.0	504928.7	5408100.5	8703.40039	260.32	97.46	48.825865	-86.932849	56022.76	56251.6	-1.63	56021.13	56021.12891	56035.28092	56035.28125	504928.7	5408100.5
T8100.0	504928.9	5408100.5	8703.50000	259.82	97.46	48.825865	-86.932846	56022.70	56251.6	-1.63	56021.08	56021.07813	56035.29864	56035.29688	504928.9	5408100.5
T8100.0	504929.1	5408100.5	8703.50000	259.82	95.22	48.825865	-86.932844	56022.70	56251.6	-1.63	56021.08	56021.07813	56035.31495	56035.31641	504929.1	5408100.5
T8100.0	504929.3	5408100.6	8703.59961	259.54	94.94	48.825866	-86.932841	56022.66	56251.6	-1.62	56021.03	56021.03125	56035.32053	56035.32031	504929.3	5408100.6
T8100.0	504929.5	5408100.6	8703.79981	259.83	94.94	48.825866	-86.932838	56022.66	56251.6	-1.62	56021.03	56021.03125	56035.32801	56035.32813	504929.5	5408100.6
T8100.0	504929.7	5408100.6	8703.90039	260.49	91.27	48.825866	-86.932835	56022.63	56251.6	-1.62	56021.01	56021.01172	56035.33085	56035.33203	504929.7	5408100.6
T8100.0	504929.7	5408100.6	8704.00000	262.15	92.94	48.825866	-86.932835	56022.63	56251.6	-1.62	56021.01	56021.01172	56035.33384	56035.33203	504929.7	5408100.6
T8100.0	504929.9	5408100.6	8704.09961	263.32	95.19	48.825866	-86.932832	56022.58	56251.6	-1.62	56020.96	56020.96094	56035.32759	56035.32813	504929.9	5408100.6
T8100.0	504930.2	5408100.5	8704.20020	265.68	95.19	48.825865	-86.932828	56022.63	56251.6	-1.62	56021.00	56021.00000	56035.32847	56035.32813	504930.2	5408100.5
T8100.0	504930.5	5408100.5	8704.29981	272.11	95.82	48.825865	-86.932825	56022.53	56251.6	-1.63	56020.90	56020.89844	56035.30544	56035.30469	504930.5	5408100.5
T8100.0	504930.5	5408100.5	8704.40039	272.22	94.41	48.825865	-86.932825	56022.50	56251.6	-1.63	56020.88	56020.87891	56035.28765	56035.28906	504930.5	5408100.5
T8100.0	504930.7	5408100.5	8704.50000	273.53	93.55	48.825865	-86.932822	56022.50	56251.6	-1.63	56020.87	56020.87109	56035.26711	56035.26563	504930.7	5408100.5
T8100.0	504931.1	5408100.5	8704.59961	273.33	93.79	48.825865	-86.932816	56022.45	56251.6	-1.63	56020.82	56020.82031	56035.23428	56035.23438	504931.1	5408100.5
T8100.0	504931.1	5408100.5	8704.70020	270.98	93.79	48.825865	-86.932816	56022.45	56251.6	-1.63	56020.82	56020.82031	56035.20122	56035.20313	504931.1	5408100.5
T8100.0	504931.5	5408100.5	8704.79981	267.64	96.72	48.825865	-86.932811	56022.40	56251.6	-1.64	56020.76	56020.76172	56035.15194	56035.15234	504931.5	5408100.5
T8100.0	504931.7	5408100.4	8704.90039	265.79	96.72	48.825865	-86.932807	56022.36	56251.6	-1.64	56020.72	56020.71875	56035.10215	56035.10156	504931.7	5408100.4
T8100.0	504932.2	5408100.4	8705.00000	264.50	98.69	48.825864	-86.932801	56022.38	56251.6	-1.64	56020.74	56020.73828	56035.06406	56035.06250	504932.2	5408100.4
T8100.0	504932.5	5408100.4	8705.09961	264.16	98.69	48.825864	-86.932797	56022.30	56251.6	-1.64	56020.66	56020.66016	56035.01108	56035.01172	504932.5	5408100.4
T8100.0	504932.8	5408100.4	8705.20020	262.42	96.67	48.825864	-86.932792	56022.32	56251.6	-1.64	56020.68	56020.67969	56034.98021	56034.98047	504932.8	5408100.4
T8100.0	504932.8	5408100.4	8705.29981	263.49	97.39	48.825864	-86.932792	56022.25	56251.6	-1.64	56020.61	56020.60938	56034.93980	56034.94141	504932.8	5408100.4
T8100.0	504933.2	5408100.4	8705.40039	263.95	98.63	48.825864	-86.932787	56022.30	56251.6	-1.64	56020.66	56020.66016	56034.93005	56034.92969	504933.2	5408100.4
T8100.0	504933.6	5408100.4	8705.50000	263.84	98.63	48.825864	-86.932782	56022.25	56251.6	-1.64	56020.61	56020.60938	56034.91034	56034.91016	504933.6	5408100.4
T8100.0	504933.9	5408100.4	8705.50000	263.84	99.71	48.825864	-86.932778	56022.22	56251.6	-1.64	56020.58	56020.57813	56034.90172	56034.90234	504933.9	5408100.4
T8100.0	504934.2	5408100.5	8705.59961	267.34	96.11	48.825865	-86.932774	56022.18	56251.6	-1.64	56020.54	56020.53906	56034.89700	56034.89844	504934.2	5408100.5
T8100.0	504934.6	5408100.5	8705.79981	272.16	96.14	48.825865	-86.932769	56022.20	56251.6	-1.64	56020.56	56020.55859	56034.92699	56034.92578	504934.6	5408100.5
T8100.0	504935.0	5408100.5	8705.90039	276.09	96.14	48.825865	-86.932763	56022.07	56251.6	-1.64	56020.43	56020.42969	56034.93716	56034.93750	504935.0	5408100.5
T8100.0	504935.4	5408100.6	8706.00000	275.46	97.91	48.825866	-86.932757	56022.10	56251.6	-1.64	56020.46	56020.46094	56034.92110	56034.92188	504935.4	5408100.6
T8100.0	504935.4	5408100.6	8706.09961	273.00	96.66	48.825866	-86.932757	56022.00	56251.6	-1.64	56020.36	56020.35938	56034.90232	56034.90234	504935.4	5408100.6
T8100.0	504936.2	5408100.6	8706.20020	272.42	95.56	48.825866	-86.932747	56022.00	56251.6	-1.64	56020.36	56020.35938	56034.86536	56034.86719	504936.2	5408100.6
T8100.0	504936.6	5408100.7	8706.29981	270.74	95.56	48.825867	-86.932741	56021.92	56251.6	-1.64	56020.28	56020.28125	56034.82968	56034.82813	504936.6	5408100.7
T8100.0	504936.6	5408100.7	8706.40039	267.20	95.54	48.825867	-86.932741	56021.87	56251.6	-1.64	56020.23	56020.23047	56034.79792	56034.79688	504936.6	5408100.7
T8100.0	504937.2	5408100.8	8706.50000	269.23	95.54	48.825867	-86.932733	56021.85	56251.6	-1.64	56020.21	56020.21094	56034.77652	56034.77734	504937.2	5408100.8
T8100.0	504937.7	5408100.8	8706.59961	272.60	94.77	48.825868	-86.932726	56021.74	56251.6	-1.64	56020.10	56020.10156	56034.77455	56034.77344	504937.7	5408100.8
T8100.0	504938.2	5408100.9	8706.70020	275.24	93.31	48.825868	-86.932719	56021.70	56251.6	-1.64	56020.06	56020.05859	56034.78516	56034.78516	504938.2	5408100.9
T8100.0	504938.7	5408100.9	8706.79981	273.04	92.62	48.825869	-86.932712	56021.70	56251.6	-1.64	56020.06	56020.05859	56034.80996	56034.80859	504938.7	5408100.9
T8100.0	504939.4	5408101.0	8706.90039	270.56	92.62	48.825869	-86.932703	56021.64	56251.6	-1.64	56020.00	56020.00000	56034.85383	56034.85547	504939.4	5408101.0
T8100.0	504939.4	5408101.0	8707.00000	264.89	96.04	48.825869	-86.932703	56021.57	56251.6	-1.64	56019.93	56019.92969	56034.91322	56034.91406	504939.4	5408101.0
T8100.0	504939.9	5408101.0	8707.09961	263.98	96.04	48.825869	-86.932697	56021.52	56251.6	-1.64	56019.88	56019.87891	56034.98465	56034.98438	504939.9	5408101.0
T8100.0	504940.4	5408101.0	8707.20020	266.76	97.7	48.825870	-86.932690	56021.42	56251.6	-1.64	56019.78	56019.78125	56035.06892	56035.07031	504940.4	5408101.0
T8100.0	504940.4	5408101.0	8707.29981	268.07	95.71	48.825870	-86.932690	56021.41	56251.6	-1.64	56019.78	56019.78125	56035.15921	56035.16016	504940.4	5408101.0
T8100.0	504941.3	5408101.1	8707.40039	268.65	95.22	48.825870	-86.932678	56021.34	56251.6	-1.64	56019.70	56019.69922	56035.26425	56035.26563	504941.3	5408101.1
T8100.0	504941.8	5408101.1	8707.50000	267.70	95.22	48.825871	-86.932670	56021.26	56251.6	-1.63	56019.62	56019.62109	56035.38140	56035.38281	504941.8	5408101.1
T8100.0	504942.5	5408101.1	8707.50000	267.70	95.22	48.825871	-86.932661	56021.32	56251.6	-1.63	56019.69	56019.69141	56035.49795	56035.49609	504942.5	5408101.1
T8100.0	504943.0	5408101.2	8707.59961	265.10	91.6	48.825871	-86.932654	56021.24	56251.6	-1.63	56019.60	56019.60156	56035.63046	56035.62891	504943.0	5408101.2
T8100.0	504943.7	5408101.2	8707.79981	262.31	91.6	48.825871	-86.932644	56021.14	56251.6	-1.63	56019.51	56019.51172	56035.76617	56035.76563	504943.7	5408101.2
T8100.0	504944.4	5408101.2	8707.90039	264.59	85.6	48.825872	-86.932635	56021.12	56251.6	-1.63	56019.49	56019.48828	56035.89819	56035.89844	504944.4	5408101.2
T8100.0	504944.4	5408101.2	8708.00000	268.13	86.36	48.825872	-86.932635	56021.11	56251.6	-1.63	56019.48	56019.48047	56036.03029	56036.03125	504944.4	5408101.2
T8100.0	504945.1	5408101.3	8708.09961	269.54	86.36	48.825872	-86.932626	56021.09	56251.6	-1.63	56019.45	56019.44922	56036.16196	56036.16016	504945.1	5408101.3
T8100.0	504945.8	5408101.3	8708.20020	269.40	95.5	48.825872	-86.932616	56021.01	56251.6	-1.63	56019.37	56019.37109	56035.95990	56035.96094	504945.8	5408101.3
T8100.0	504946.5	5408101.3	8708.29981	268.81	92.02	48.825873	-86.932606	56021.02	56251.6	-1.64	56019.38	56019.37891	56036.08487	56036.08594	504946.5	5408101.3
T8100.0	504947.0	5408101.4	8708.40039	271.01	89.92	48.825873	-86.932599	56020.88	56251.6	-1.64	56019.25	56019.25000	56036.17807	56036.17969	504947.0	5408101.4
T8100.0	504947.7	5408101.4	8708.50000	271.33	89.92	48.825873	-86.932590	56020.84	56251.6	-1.64	56019.20	56019.19922	56036.28078	56036.28125	504947.7	5408101.4
T8100.0	504947.7	5408101.4	8708.59961	267.31	90.7	48.825873	-86.932590	56020.83	56251.6	-1.64	56019.19	56019.19141	56036.38370	56036.38281	504947.7	5408101.4
T8100.0	504948.6	5408101.4	8708.70020	265.58	96.29	48.825873	-86.932577	56020.78	56251.6	-1.64	56019.14	56019.14063	56036.47203	56036.47266	504948.6	5408101.4
T8100.0	504949.5	5408101.4	8708.79981	268.74	96.29	48.825873	-86.932565	56020.73	56251.6	-1.65	56019.09	56019.08984	56036.55334	56036.55469	504949.5	5408101.4
T8100.0	504950.3	5408101.5	8708.90039	273.86	89.02	48.825874	-86.932554	56020.66	56251.6	-1.65	56019.01	56019.01172	56036.62150	56036.62109	504950.3	5408101.5
T8100.0	504951.2	5408101.5	8709.00000	270.75	92.67	48.825874	-86.932543	56020.68	56251.7	-1.65	56019.03	56019.03125	56036.70225	56036.70313	504951.2	5408101.5
T8100.0	504951.2	5408101.5	8709.09961	265.71	94.19	48.825874	-86.932543	56020.58	56251.6	-1.65	56018.93	56018.92969	56036.75896	56036.75781	504951.2	5408101.5
T8100.0	504952.4	5408101.5	8709.20020	264.00	94.19	48.825874	-86.932526	56020.56	56251.6	-1.65	56018.91	56018.91016	56036.82911	56036.82813	504952.4	5408101.5
T8100.0	504952.4	5408101.5	8709.29981	264.53	93.27	48.825874	-86.932526	56020.58	56251.6	-1.65	56018.93	56018.92969	56036.90486	56036.90625	504952.4	5408101.5
T8100.0	504953.2	5408101.5	8709.40039	261.36	93.64	48.825874	-86.932515	56020.45	56251.6	-1.65	56018.80	56018.80078	56036.95357	56036.95313	504953.2	5408101.5
T8100.0	504954.1	5408101.5	8709.50000	264.90	97.68	48.825874	-86.932503	56020.45	56251.6	-1.65	56018.81	56018.80859	56037.02646	56037.02734	504954.1	5408101.5
T8100.0	504954.9	5408101.5	8709.50000	264.90	97.68	48.825874	-86.932492	56020.33	56251.6	-1.65	56018.68	56018.67969	56037.07329	56037.07422	504954.9	5408101.5
T8100.0	504955.8	5408101.5	8709.59961	263.44	91.17	48.825874	-86.932480	56020.33	56251.6	-1.64	56018.68	56018.67969	56037.13987	56037.14063	504955.8	5408101.5
T8100.0	504955.8	5408101.5	8709.79981	259.55	96.58	48.825874	-86.932480	56020.28	56251.6	-1.64	56018.64	56018.64063	56037.19520	56037.19531	504955.8	5408101.5
T8100.0	504956.7	5408101.4	8709.90039	264.00	96.58	48.825873	-86.932468	56020.25	56251.6	-1.64	56018.61	56018.60938	56037.24715	56037.24609	504956.7	5408101.4
T8100.0	504957.8	5408101.4	8710.00000	264.81	100.71	48.825873	-86.932453	56020.20	56251.6	-1.64	56018.56	56018.55859	56037.29004	56037.28906	504957.8	5408101.4
T8100.0	504958.5	5408101.4	8710.09961	268.24	94.88	48.825873	-86.932443	56020.15	56251.6	-1.64	56018.51	56018.51172	56037.32607	56037.32422	504958.5	5408101.4

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
T8100.0	504959.4	5408101.3	8710.20020	268.19	94.88	48.825872	-86.932431	56020.18	56251.6	-1.64	56018.54	56018.53906	56037.36947	56037.37109	504959.4	5408101.3
T8100.0	504960.2	5408101.3	8710.29981	267.71	81.49	48.825872	-86.932420	56020.20	56251.6	-1.64	56018.56	56018.55859	56037.40698	56037.40625	504960.2	5408101.3
T8100.0	504960.9	5408101.2	8710.40039	268.11	81.78	48.825872	-86.932410	56020.18	56251.6	-1.64	56018.54	56018.53906	56037.43512	56037.43359	504960.9	5408101.2
T8100.0	504961.8	5408101.2	8710.50000	270.00	85.59	48.825871	-86.932398	56020.20	56251.6	-1.65	56018.55	56018.55078	56037.46834	56037.46875	504961.8	5408101.2
T8100.0	504961.8	5408101.2	8710.59961	267.88	85.59	48.825871	-86.932398	56020.20	56251.6	-1.65	56018.55	56018.55078	56037.50212	56037.50391	504961.8	5408101.2
T8100.0	504962.6	5408101.2	8710.70020	265.79	90.67	48.825871	-86.932387	56020.25	56251.6	-1.65	56018.61	56018.60938	56037.55151	56037.55078	504962.6	5408101.2
T8100.0	504963.5	5408101.2	8710.79981	269.58	87.72	48.825871	-86.932375	56020.23	56251.6	-1.65	56018.58	56018.57813	56037.59003	56037.58984	504963.5	5408101.2
T8100.0	504964.6	5408101.1	8710.90039	268.71	92.35	48.825870	-86.932360	56020.20	56251.6	-1.65	56018.55	56018.55078	56037.63465	56037.63281	504964.6	5408101.1
T8100.0	504965.6	5408101.1	8711.00000	265.25	92.35	48.825870	-86.932347	56020.25	56251.7	-1.65	56018.60	56018.60156	56037.70155	56037.70313	504965.6	5408101.1
T8100.0	504965.6	5408101.1	8711.09961	262.68	89.31	48.825870	-86.932347	56020.25	56251.7	-1.65	56018.60	56018.60156	56037.76635	56037.76563	504965.6	5408101.1
T8100.0	504966.7	5408101.0	8711.20020	265.41	89.31	48.825870	-86.932332	56020.28	56251.7	-1.65	56018.63	56018.62891	56037.84400	56037.84375	504966.7	5408101.0
T8100.0	504967.5	5408101.0	8711.29981	267.75	94.91	48.825869	-86.932320	56020.28	56251.7	-1.65	56018.63	56018.62891	56037.92147	56037.92188	504967.5	5408101.0
T8100.0	504968.5	5408101.0	8711.40039	266.74	97.66	48.825869	-86.932306	56020.31	56251.7	-1.65	56018.65	56018.64844	56038.00560	56038.00391	504968.5	5408101.0
T8100.0	504969.5	5408101.0	8711.50000	265.84	97.66	48.825869	-86.932293	56020.33	56251.7	-1.65	56018.68	56018.67969	56038.09197	56038.09375	504969.5	5408101.0
T8100.0	504970.5	5408101.0	8711.50000	265.84	97.54	48.825869	-86.932279	56020.31	56251.7	-1.65	56018.65	56018.64844	56038.16527	56038.16406	504970.5	5408101.0
T8100.0	504970.5	5408101.0	8711.59961	263.61	93.96	48.825869	-86.932279	56020.32	56251.7	-1.65	56018.67	56018.67188	56038.24413	56038.24219	504970.5	5408101.0
T8100.0	504971.4	5408101.0	8711.79981	264.15	94.37	48.825869	-86.932267	56020.36	56251.7	-1.65	56018.71	56018.71094	56038.32189	56038.32031	504971.4	5408101.0
T8100.0	504972.4	5408101.0	8711.90039	263.44	94.37	48.825869	-86.932254	56020.36	56251.7	-1.65	56018.71	56018.71094	56038.38555	56038.38672	504972.4	5408101.0
T8100.0	504973.4	5408101.0	8712.00000	263.00	86.53	48.825869	-86.932240	56020.31	56251.7	-1.65	56018.65	56018.64844	56038.43209	56038.43359	504973.4	5408101.0
T8100.0	504974.6	5408101.0	8712.09961	266.41	91.36	48.825869	-86.932223	56020.36	56251.7	-1.65	56018.70	56018.69922	56038.49383	56038.49219	504974.6	5408101.0
T8100.0	504974.6	5408101.0	8712.20020	266.42	91.36	48.825869	-86.932223	56020.36	56251.7	-1.65	56018.70	56018.69922	56038.54212	56038.54297	504974.6	5408101.0
T8100.0	504975.6	5408101.0	8712.29981	265.96	86.38	48.825869	-86.932210	56020.40	56251.7	-1.66	56018.75	56018.75000	56038.59628	56038.59766	504975.6	5408101.0
T8100.0	504976.6	5408101.0	8712.40039	267.24	90.17	48.825869	-86.932196	56020.40	56251.7	-1.66	56018.74	56018.73828	56038.63691	56038.63672	504976.6	5408101.0
T8100.0	504977.7	5408101.0	8712.50000	269.02	90.97	48.825869	-86.932181	56020.48	56251.7	-1.66	56018.82	56018.82031	56038.69329	56038.69141	504977.7	5408101.0
T8100.0	504978.8	5408101.0	8712.59961	266.75	90.97	48.825869	-86.932166	56020.50	56251.7	-1.66	56018.84	56018.83984	56038.73849	56038.73828	504978.8	5408101.0
T8100.0	504979.7	5408101.0	8712.70020	267.95	88.45	48.825869	-86.932153	56020.50	56251.7	-1.66	56018.84	56018.83984	56038.78117	56038.78125	504979.7	5408101.0
T8100.0	504979.7	5408101.0	8712.79981	268.98	89.01	48.825869	-86.932153	56020.56	56251.7	-1.67	56018.89	56018.89063	56038.83563	56038.83594	504979.7	5408101.0
T8100.0	504981.7	5408100.9	8712.90039	266.82	87.83	48.825869	-86.932127	56020.61	56251.7	-1.67	56018.94	56018.94141	56038.89349	56038.89453	504981.7	5408100.9
T8100.0	504981.7	5408100.9	8713.00000	268.56	87.83	48.825869	-86.932127	56020.63	56251.7	-1.67	56018.96	56018.96094	56038.95016	56038.94922	504981.7	5408100.9
T8100.0	504982.8	5408100.9	8713.09961	267.83	89.25	48.825868	-86.932111	56020.71	56251.7	-1.67	56019.04	56019.03906	56039.02425	56039.02344	504982.8	5408100.9
T8100.0	504983.9	5408100.9	8713.20020	266.03	89.95	48.825868	-86.932096	56020.73	56251.7	-1.67	56019.07	56019.07031	56039.09553	56039.09375	504983.9	5408100.9
T8100.0	504984.7	5408100.9	8713.29981	265.81	87.34	48.825868	-86.932085	56020.78	56251.7	-1.67	56019.11	56019.10938	56039.17648	56039.17578	504984.7	5408100.9
T8100.0	504984.7	5408100.9	8713.40039	266.90	87.34	48.825868	-86.932085	56020.86	56251.7	-1.67	56019.19	56019.19141	56039.27333	56039.27344	504984.7	5408100.9
T8100.0	504986.4	5408100.8	8713.50000	266.98	89.35	48.825868	-86.932063	56020.94	56251.7	-1.67	56019.27	56019.26953	56039.37844	56039.37891	504986.4	5408100.8
T8100.0	504987.4	5408100.8	8713.50000	266.98	87.01	48.825867	-86.932050	56020.98	56251.7	-1.67	56019.32	56019.32031	56039.48645	56039.48828	504987.4	5408100.8
T8100.0	504988.5	5408100.8	8713.59961	267.38	87.01	48.825867	-86.932035	56021.12	56251.7	-1.66	56019.45	56019.44922	56039.61943	56039.62109	504988.5	5408100.8
T8100.0	504989.5	5408100.7	8713.79981	266.01	87.46	48.825867	-86.932021	56021.16	56251.7	-1.66	56019.50	56019.50000	56039.74645	56039.74609	504989.5	5408100.7
T8100.0	504990.2	5408100.7	8713.90039	265.83	87.47	48.825866	-86.932011	56021.34	56251.7	-1.66	56019.68	56019.67969	56039.90869	56039.91016	504990.2	5408100.7
T8100.0	504991.3	5408100.6	8714.00000	267.66	87.47	48.825866	-86.931996	56021.39	56251.7	-1.66	56019.73	56019.73047	56040.05634	56040.05469	504991.3	5408100.6
T8100.0	504992.3	5408100.6	8714.09961	268.68	82.11	48.825865	-86.931982	56021.56	56251.7	-1.66	56019.90	56019.89844	56040.23725	56040.23828	504992.3	5408100.6
T8100.0	504993.5	5408100.5	8714.20020	268.78	82.35	48.825865	-86.931967	56021.70	56251.7	-1.66	56020.04	56020.03906	56040.42252	56040.42188	504993.5	5408100.5
T8100.0	504993.5	5408100.5	8714.29981	267.99	82.51	48.825865	-86.931967	56021.84	56251.7	-1.65	56020.19	56020.19141	56040.61888	56040.61719	504993.5	5408100.5
T8100.0	504994.8	5408100.5	8714.40039	266.69	82.51	48.825864	-86.931948	56021.92	56251.7	-1.65	56020.27	56020.26953	56040.81023	56040.80859	504994.8	5408100.5
T8100.0	504996.1	5408100.4	8714.50000	267.61	84.84	48.825863	-86.931931	56022.13	56251.7	-1.65	56020.48	56020.48047	56041.03019	56041.03125	504996.1	5408100.4
T8100.0	504996.1	5408100.4	8714.59961	267.60	84.77	48.825863	-86.931931	56022.25	56251.6	-1.65	56020.60	56020.60156	56041.23621	56041.23438	504996.1	5408100.4
T8100.0	504998.1	5408100.3	8714.70020	267.92	83.58	48.825862	-86.931904	56022.48	56251.6	-1.65	56020.83	56020.82813	56041.46019	56041.46094	504998.1	5408100.3
T8100.0	504999.2	5408100.2	8714.79981	267.72	83.58	48.825862	-86.931889	56022.56	56251.6	-1.64	56020.91	56020.91016	56041.65460	56041.65625	504999.2	5408100.2
T8100.0	505000.1	5408100.2	8714.90039	264.91	89.13	48.825861	-86.931876	56022.78	56251.6	-1.64	56021.14	56021.14063	56041.86600	56041.86719	505000.1	5408100.2
T8100.0	505000.1	5408100.2	8715.00000	263.46	89.13	48.825861	-86.931876	56022.86	56251.6	-1.64	56021.22	56021.21875	56042.04383	56042.04297	505000.1	5408100.2
T8100.0	505001.2	5408100.1	8715.09961	263.74	89.84	48.825861	-86.931860	56023.06	56251.6	-1.64	56021.42	56021.42188	56042.23110	56042.23047	505001.2	5408100.1
T8100.0	505002.4	5408100.1	8715.20020	264.99	89.47	48.825861	-86.931845	56023.24	56251.6	-1.64	56021.60	56021.60156	56042.40500	56042.40625	505002.4	5408100.1
T8100.0	505003.5	5408100.0	8715.29981	265.30	89.17	48.825860	-86.931830	56023.36	56251.6	-1.64	56021.72	56021.71875	56042.55973	56042.55859	505003.5	5408100.0
T8100.0	505004.4	5408100.0	8715.40039	265.50	89.17	48.825860	-86.931817	56023.54	56251.6	-1.64	56021.89	56021.89063	56042.71294	56042.71484	505004.4	5408100.0
T8100.0	505005.6	5408100.0	8715.50000	264.62	88.03	48.825860	-86.931802	56023.66	56251.6	-1.65	56022.02	56022.01953	56042.85415	56042.85547	505005.6	5408100.0
T8100.0	505005.6	5408100.0	8715.50000	264.62	86.34	48.825860	-86.931802	56023.84	56251.6	-1.65	56022.20	56022.19922	56043.00000	56043.00000	505005.6	5408100.0
T8100.0	505006.9	5408099.9	8715.59961	264.36	82.95	48.825859	-86.931784	56024.02	56251.6	-1.65	56022.37	56022.37109	56043.14371	56043.14453	505006.9	5408099.9
T8100.0	505007.8	5408099.9	8715.79981	263.88	82.95	48.825859	-86.931771	56024.20	56251.6	-1.65	56022.55	56022.55078	56043.29099	56043.28906	505007.8	5408099.9
T8100.0	505009.0	5408099.9	8715.90039	261.89	76.55	48.825859	-86.931755	56024.30	56251.6	-1.65	56022.65	56022.64844	56043.43087	56043.42969	505009.0	5408099.9
T8100.0	505009.9	5408099.8	8716.00000	262.53	81.15	48.825858	-86.931743	56024.50	56251.7	-1.65	56022.85	56022.85156	56043.59275	56043.59375	505009.9	5408099.8
T8100.0	505010.9	5408099.8	8716.09961	263.68	81.15	48.825858	-86.931729	56024.70	56251.7	-1.65	56023.05	56023.05078	56043.76418	56043.76563	505010.9	5408099.8
T8100.0	505011.9	5408099.8	8716.20020	264.13	86	48.825858	-86.931715	56024.93	56251.7	-1.65	56023.28	56023.28125	56043.95233	56043.95313	505011.9	5408099.8
T8100.0	505013.0	5408099.8	8716.29981	266.02	77.58	48.825858	-86.931700	56025.11	56251.7	-1.65	56023.46	56023.46094	56044.14865	56044.14844	505013.0	5408099.8
T8100.0	505013.0	5408099.8	8716.40039	268.00	77.58	48.825858	-86.931700	56025.31	56251.7	-1.65	56023.66	56023.66016	56044.36461	56044.36328	505013.0	5408099.8
T8100.0	505014.7	5408099.7	8716.50000	269.74	72.32	48.825857	-86.931677	56025.46	56251.7	-1.65	56023.81	56023.80859	56044.58952	56044.58984	505014.7	5408099.7
T8100.0	505014.7	5408099.7	8716.59961	268.15	73.3	48.825857	-86.931677	56025.71	56251.7	-1.66	56024.06	56024.05859	56044.83915	56044.83984	505014.7	5408099.7
T8100.0	505015.7	5408099.7	8716.70020	268.49	74.23	48.825857	-86.931664	56025.94	56251.7	-1.66	56024.28	56024.28125	56045.09210	56045.09375	505015.7	5408099.7
T8100.0	505016.7	5408099.6	8716.79981	268.03	82.78	48.825857	-86.931650	56026.15	56251.7	-1.66	56024.49	56024.48828	56045.34824	56045.34766	505016.7	5408099.6
T8100.0	505018.0	5408099.6	8716.90039	265.98	82.78	48.825856	-86.931633	56026.35	56251.7	-1.66	56024.69	56024.69141	56045.60397	56045.60547	505018.0	5408099.6
T8100.0	505019.0	5408099.5	8717.00000	264.70	81.26	48.825856	-86.931618	56026.60	56251.7	-1.66	56024.94	56024.94141	56045.86363	56045.86328	505019.0	5408099.5
T8100.0	505019.0	5408099.5	8717.09961	263.81	70.46	48.825856	-86.931618	56026.81	56251.7	-1.66	56025.14	56025.14063	56046.11287	56046.11328	505019.0	5408099.5
T8100.0	505020.1	5408099.5	8717.20020	264.13	70.46	48.825855	-86.931604	56027.11	56251.7	-1.66	56025.44	56025.44141	56046.36509	56046.36328	505020.1	5408099.5
T8100.0	505021.1	5408099.5	8717.29981	262.62	68.75	48.825855	-86.931590	56027.31	56251.7	-1.66	56025.65	56025.64844	56046.59905	56046.59766	505021.1	5408099.5
T8100.0	505022.3	5408099.4	8717.40039	261.83	63.39	48.825855	-86.931573	56027.54	56251.7	-1.66	56025.87	56025.87109	56046.82362	56046.82422	505022.3	5408099.4
T8100.0	505022.3	5408099.4	8717.50000	260.87	64.6	48.825855	-86.931573	56027.79	56251.7	-1.67	56026.12	56026.12109	56047.03817	56047.03906	505022.3	5408099.4
T8100.0	505023.7	5408099.4	8717.50000	260.87	64.6	48.825854	-86.931554	56027.92	56251.7	-1.67	56026.25	56026.25000	56047.22885	56047.23047	505023.7	5408099.4
T8100.0	505024.6	5408099.4	8717.59961	259.97	64.77	48.825854	-86.931542	56028.22	56251.7	-1.67	56026.55	56026.55078	56047.42504	56047.42578	505024.6	5408099.4
T8100.0	505025.4	5408099.3	8717.79981	259.66	67.72	48.825854	-86.931531	56028.34	56251.7	-1.67	56026.68	56026.67969	56047.59658	56047.59766	505025.4	5408099.3
T8100.0	505026.5	5408099.3	8717.90039	260.03	73.24	48.825854	-86.931517	56028.60	56251.7	-1.67	56026.93	56026.92969	56047.76929	56047.76953	505026.5	5408099.3
T8100.0	505027.2	5408099.3	8718.00000	262.40	81.69	48.825854	-86.931507	56028.86	56251.7	-1.67	56027.19	56027.19141	56047.93478	56047.93359	505027.2	5408099.3
T8100.0	505028.4	5408099.3	8718.09961	261.70	81.69	48.825853	-86.931490	56029.03	56251.7	-1.67	56027.36	56027.35938	56048.08416	56048.08594	505028.4	5408099.3
T8100.0	505028.4	5408099.3	8718.20020	263.30	80.46	48.825853	-86.931490	56029.23	56251.7	-1.67	56027.55	56027.55078	56048.22574	56048.22656	505028.4	5408099.3
T8100.0	505029.4	5408099.3	8718.29981	263.82	79.82	48.825853	-86.931477	56029.46	56251.7	-1.68	56027.78	56027.78125	56048.36089	56048.35938	505029.4	5408099.3
T8100.0	505030.3	5408099.3	8718.40039	264.36	79.82	48.825853	-86.931465	56029.62	56251.7	-1.68	56027.94	56027.94141	56048.48004	56048.48047	505030.3	5408099.3
T8100.0	505031.4	5408099.3	8718.50000	265.99	68	48.825853	-86.931449	56029.84	56251.7	-1.68	56028.16	56028.16016	56048.59662	56048.59766	505031.4	5408099.3
T8100.0	505032.1	5408099.3	8718.59961	265.92	67.53	48.825853	-86.931441	56030.02	56251.7	-1.68	56028.34	56028.33984	56048.70411	56048.70313	505032.1	5408099.3
T8100.0	505032.1	5408099.3	8718.70020	266.04	66.21	48.825853	-86.931441	56030.24	56251.7	-1.68	56028.55	56028.55078	56048.81023	56048.80859	505032.1	5408099.3
T8100.0	505033.4	5408099.3	8718.79981	266.05	65.79	48.825853	-86.931423	56030.40	56251.7	-1.69	56028.71	56028.71094	56048.90939	56048.91016	505033.4	5408099.3
T8100.0	505034.2	5408099.3	8718.90039	266.24	65.79	48.825853	-86.931411	56030.62	56251.7	-1.69	56028.93	56028.92969	56049.01284	56049.01172	505034.2	5408099.3
T8100.0	505035.0	5408099.3	8719.00000	265.43	75.94	48.825853	-86.931400	56030.82	56251.7	-1.69	56029.13	56029.12891	56049.11543	56049.11719	505035.0	5408099.3
T8100.0	505035.8	5408099.3	8719.09961	263.13	76.15	48.825853	-86.931389	56030.95	56251.7	-1.69	56029.26	56029.26172	56049.21486	56049.21484	505035.8	5408099.3
T8100.0	505036.6	5408099.3	8719.20020	262.17	76.15	48.825853	-86.931378	56031.20	56251.7	-1.69	56029.52	56029.51953	56049.33320	56049.33203	505036.6	5408099.3
T8100.0	505038.1	5408099.3	8719.29981	262.17	74.54	48.825853	-86.931358	56031.36	56251.7	-1.68	56029.67	56029.67188	56049.44853	56049.44922	505038.1	5408099.3
T8100.0	505038.1	5408099.3	8719.40039	260.79	73.79	48.825853	-86.931358	56031.58	56251.7	-1.68	56029.90	56029.89844	56049.58115	56049.58203	505038.1	5408099.3

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
T8100.0	505039.0	5408099.2	8719.40039	260.79	72.12	48.825853	-86.931346	56031.76	56251.7	-1.68	56030.08	56030.07813	56049.71640	56049.71484	505039.0	5408099.2
T8100.0	505040.1	5408099.2	8719.50000	259.67	72.12	48.825853	-86.931331	56031.94	56251.7	-1.68	56030.26	56030.26172	56049.85528	56049.85547	505040.1	5408099.2
T8100.0	505040.9	5408099.2	8719.59961	259.67	71.44	48.825853	-86.931320	56032.06	56251.7	-1.68	56030.39	56030.39063	56049.98913	56049.98828	505040.9	5408099.2
T8100.0	505041.8	5408099.2	8719.59961	262.42	67.64	48.825853	-86.931308	56032.32	56251.7	-1.68	56030.64	56030.64063	56050.13315	56050.13281	505041.8	5408099.2
T8100.0	505041.8	5408099.2	8719.79981	263.24	63.46	48.825853	-86.931308	56032.44	56251.7	-1.67	56030.77	56030.76953	56050.25890	56050.25781	505041.8	5408099.2
T8100.0	505042.8	5408099.2	8719.90039	264.33	63.46	48.825853	-86.931294	56032.65	56251.7	-1.67	56030.98	56030.98047	56050.38561	56050.38672	505042.8	5408099.2
T8100.0	505043.7	5408099.2	8720.00000	264.55	65.83	48.825853	-86.931283	56032.77	56251.7	-1.67	56031.10	56031.10156	56050.49287	56050.49219	505043.7	5408099.2
T8100.0	505044.5	5408099.2	8720.09961	265.22	70.29	48.825853	-86.931271	56032.93	56251.7	-1.67	56031.25	56031.25000	56050.59196	56050.59375	505044.5	5408099.2
T8100.0	505045.0	5408099.2	8720.20020	265.60	69.08	48.825853	-86.931264	56033.05	56251.7	-1.67	56031.37	56031.37109	56050.67656	56050.67578	505045.0	5408099.2
T8100.0	505045.7	5408099.2	8720.29981	266.59	69.08	48.825853	-86.931255	56033.28	56251.7	-1.68	56031.60	56031.60156	56050.76321	56050.76172	505045.7	5408099.2
T8100.0	505046.5	5408099.2	8720.50000	265.44	60.03	48.825853	-86.931244	56033.41	56251.7	-1.68	56031.73	56031.73047	56050.82704	56050.82813	505046.5	5408099.2
T8100.0	505046.5	5408099.2	8720.59961	264.60	58.91	48.825853	-86.931244	56033.56	56251.7	-1.68	56031.87	56031.87109	56050.88577	56050.88672	505046.5	5408099.2
T8100.0	505047.8	5408099.2	8720.70020	264.47	68.18	48.825853	-86.931226	56033.73	56251.7	-1.68	56032.05	56032.05078	56050.95040	56050.94922	505047.8	5408099.2
T8100.0	505048.5	5408099.2	8720.79981	264.82	68.18	48.825853	-86.931217	56033.88	56251.7	-1.69	56032.20	56032.19922	56051.01695	56051.01563	505048.5	5408099.2
T8100.0	505048.5	5408099.2	8720.90039	263.28	68.01	48.825853	-86.931217	56033.98	56251.7	-1.69	56032.30	56032.30078	56051.08727	56051.08594	505048.5	5408099.2
T8100.0	505049.2	5408099.2	8721.00000	265.10	68.87	48.825853	-86.931207	56034.19	56251.7	-1.69	56032.50	56032.50000	56051.18494	56051.18359	505049.2	5408099.2
T8100.0	505050.1	5408099.2	8721.09961	265.45	68.87	48.825852	-86.931195	56034.32	56251.7	-1.69	56032.63	56032.62891	56051.28712	56051.28906	505050.1	5408099.2
T8100.0	505050.8	5408099.2	8721.20020	266.24	65.16	48.825852	-86.931186	56034.49	56251.7	-1.68	56032.81	56032.80859	56051.41017	56051.41016	505050.8	5408099.2
T8100.0	505050.8	5408099.2	8721.29981	267.58	62.05	48.825852	-86.931186	56034.59	56251.7	-1.68	56032.91	56032.91016	56051.53576	56051.53516	505050.8	5408099.2
T8100.0	505051.4	5408099.2	8721.40039	267.19	64.07	48.825852	-86.931177	56034.75	56251.7	-1.68	56033.07	56033.07031	56051.68346	56051.68359	505051.4	5408099.2
T8100.0	505052.1	5408099.2	8721.50000	266.12	64.07	48.825852	-86.931167	56034.90	56251.7	-1.68	56033.22	56033.21875	56051.84207	56051.84375	505052.1	5408099.2
T8100.0	505052.8	5408099.2	8721.50000	266.12	67.71	48.825852	-86.931158	56035.02	56251.7	-1.68	56033.35	56033.35156	56052.00943	56052.00781	505052.8	5408099.2
T8100.0	505053.4	5408099.2	8721.59961	264.94	66.16	48.825852	-86.931150	56035.20	56251.7	-1.67	56033.53	56033.53125	56052.19475	56052.19531	505053.4	5408099.2
T8100.0	505053.9	5408099.1	8721.79981	264.76	62.81	48.825852	-86.931142	56035.31	56251.7	-1.67	56033.64	56033.64063	56052.37908	56052.37891	505053.9	5408099.1
T8100.0	505054.3	5408099.1	8721.90039	266.21	60.29	48.825852	-86.931138	56035.43	56251.7	-1.66	56033.77	56033.76953	56052.57263	56052.57422	505054.3	5408099.1
T8100.0	505055.0	5408099.1	8722.00000	265.73	60.29	48.825852	-86.931129	56035.58	56251.7	-1.66	56033.92	56033.92188	56052.77256	56052.77344	505055.0	5408099.1
T8100.0	505055.5	5408099.1	8722.09961	265.71	61.66	48.825851	-86.931121	56035.73	56251.7	-1.66	56034.07	56034.07031	56052.97441	56052.97266	505055.5	5408099.1
T8100.0	505055.5	5408099.1	8722.20020	264.66	61.81	48.825851	-86.931121	56035.88	56251.7	-1.66	56034.22	56034.21875	56053.17597	56053.17578	505055.5	5408099.1
T8100.0	505056.2	5408099.1	8722.29981	264.05	61.81	48.825851	-86.931112	56036.04	56251.7	-1.67	56034.37	56034.37109	56053.37492	56053.37500	505056.2	5408099.1
T8100.0	505056.8	5408099.0	8722.40039	264.13	63.47	48.825851	-86.931104	56036.24	56251.7	-1.67	56034.57	56034.57031	56053.57275	56053.57422	505056.8	5408099.0
T8100.0	505057.2	5408099.0	8722.50000	263.57	63.47	48.825851	-86.931098	56036.34	56251.7	-1.67	56034.67	56034.67188	56053.74782	56053.74609	505057.2	5408099.0
T8100.0	505057.7	5408099.0	8722.59961	262.31	65.58	48.825851	-86.931091	56036.49	56251.7	-1.67	56034.82	56034.82031	56053.91680	56053.91797	505057.7	5408099.0
T8100.0	505057.7	5408099.0	8722.70020	262.41	70.11	48.825851	-86.931091	56036.70	56251.7	-1.67	56035.02	56035.01953	56054.07736	56054.07813	505057.7	5408099.0
T8100.0	505058.2	5408099.0	8722.79981	264.33	59.35	48.825850	-86.931084	56036.82	56251.7	-1.68	56035.14	56035.14063	56054.21124	56054.21094	505058.2	5408099.0
T8100.0	505058.8	5408098.9	8722.90039	264.82	59.35	48.825850	-86.931077	56036.92	56251.7	-1.68	56035.24	56035.23828	56054.32395	56054.32422	505058.8	5408098.9
T8100.0	505058.8	5408098.9	8723.00000	265.50	64.21	48.825850	-86.931077	56037.13	56251.7	-1.68	56035.45	56035.44922	56054.43165	56054.43359	505058.8	5408098.9
T8100.0	505059.3	5408098.9	8723.09961	264.66	70.51	48.825850	-86.931070	56037.25	56251.7	-1.68	56035.57	56035.57031	56054.50875	56054.50781	505059.3	5408098.9
T8100.0	505059.7	5408098.9	8723.20020	263.28	70.51	48.825849	-86.931064	56037.40	56251.7	-1.68	56035.72	56035.71875	56054.57156	56054.57031	505059.7	5408098.9
T8100.0	505060.1	5408098.9	8723.29981	262.46	60.04	48.825849	-86.931058	56037.53	56251.7	-1.67	56035.85	56035.85156	56054.61441	56054.61328	505060.1	5408098.9
T8100.0	505060.3	5408098.8	8723.40039	261.72	62.65	48.825849	-86.931055	56037.68	56251.7	-1.67	56036.01	56036.01172	56054.64503	56054.64453	505060.3	5408098.8
T8100.0	505060.8	5408098.8	8723.50000	262.82	62.56	48.825849	-86.931050	56037.81	56251.7	-1.67	56036.14	56036.14063	56054.65467	56054.65625	505060.8	5408098.8
T8100.0	505061.2	5408098.8	8723.50000	262.82	62.56	48.825849	-86.931044	56037.96	56251.7	-1.67	56036.29	56036.28906	56054.65339	56054.65234	505061.2	5408098.8
T8100.0	505061.6	5408098.8	8723.59961	265.43	68.12	48.825848	-86.931039	56038.11	56251.7	-1.67	56036.44	56036.44141	56054.64055	56054.64063	505061.6	5408098.8
T8100.0	505061.6	5408098.8	8723.79981	269.91	68.57	48.825848	-86.931039	56038.26	56251.7	-1.66	56036.60	56036.60156	56054.61971	56054.62109	505061.6	5408098.8
T8100.0	505062.0	5408098.7	8723.90039	270.51	68.57	48.825848	-86.931033	56038.34	56251.7	-1.66	56036.68	56036.67969	56054.57674	56054.57813	505062.0	5408098.7
T8100.0	505062.4	5408098.7	8724.00000	272.38	66.75	48.825848	-86.931028	56038.52	56251.7	-1.66	56036.86	56036.85938	56054.54748	56054.54688	505062.4	5408098.7
T8100.0	505062.7	5408098.7	8724.09961	270.14	65.78	48.825848	-86.931024	56038.67	56251.7	-1.67	56037.00	56037.00000	56054.64996	56054.64844	505062.7	5408098.7
T8100.0	505063.0	5408098.7	8724.20020	270.52	65.78	48.825848	-86.931020	56038.74	56251.7	-1.67	56037.07	56037.07031	56054.61658	56054.61719	505063.0	5408098.7
T8100.0	505063.2	5408098.7	8724.29981	270.99	62.81	48.825848	-86.931016	56038.87	56251.7	-1.68	56037.19	56037.19141	56054.58344	56054.58203	505063.2	5408098.7
T8100.0	505063.5	5408098.7	8724.40039	270.92	70.69	48.825848	-86.931012	56039.00	56251.7	-1.68	56037.31	56037.30859	56054.55873	56054.55859	505063.5	5408098.7
T8100.0	505063.8	5408098.7	8724.50000	269.97	70.69	48.825848	-86.931008	56039.02	56251.7	-1.69	56037.33	56037.32813	56054.55012	56054.55078	505063.8	5408098.7
T8100.0	505064.1	5408098.7	8724.59961	270.17	70.33	48.825848	-86.931004	56039.14	56251.7	-1.70	56037.45	56037.44922	56054.55217	56054.55078	505064.1	5408098.7
T8100.0	505064.1	5408098.7	8724.70020	269.05	61.53	48.825848	-86.931004	56039.28	56251.7	-1.70	56037.57	56037.57031	56054.57398	56054.57422	505064.1	5408098.7
T8100.0	505064.5	5408098.7	8724.79981	266.69	61.53	48.825848	-86.930999	56039.35	56251.7	-1.71	56037.64	56037.64063	56054.61911	56054.61719	505064.5	5408098.7
T8100.0	505064.7	5408098.7	8724.90039	266.87	71.27	48.825848	-86.930995	56039.42	56251.7	-1.71	56037.71	56037.71094	56054.68826	56054.68750	505064.7	5408098.7
T8100.0	505064.7	5408098.7	8725.00000	268.63	63.4	48.825848	-86.930995	56039.52	56251.7	-1.72	56037.80	56037.80078	56054.78206	56054.78125	505064.7	5408098.7
T8100.0	505065.0	5408098.8	8725.09961	269.79	63.4	48.825848	-86.930992	56039.63	56251.7	-1.72	56037.91	56037.91016	56054.90137	56054.90234	505065.0	5408098.8
T8100.0	505065.2	5408098.8	8725.20020	272.01	60.52	48.825848	-86.930989	56039.68	56251.7	-1.71	56037.97	56037.96875	56055.04683	56055.04688	505065.2	5408098.8
T8100.0	505065.5	5408098.8	8725.29981	271.09	63.35	48.825848	-86.930986	56039.80	56251.7	-1.71	56038.09	56038.08984	56055.21778	56055.21875	505065.5	5408098.8
T8100.0	505065.5	5408098.8	8725.40039	272.86	72.08	48.825848	-86.930986	56039.86	56251.7	-1.71	56038.15	56038.14844	56055.41191	56055.41016	505065.5	5408098.8
T8100.0	505065.6	5408098.8	8725.50000	271.09	72.08	48.825848	-86.930983	56039.88	56251.7	-1.71	56038.17	56038.17188	56055.62811	56055.62891	505065.6	5408098.8
T8100.0	505065.8	5408098.8	8725.50000	271.09	72.16	48.825848	-86.930981	56039.90	56251.7	-1.71	56038.20	56038.19922	56055.86494	56055.86328	505065.8	5408098.8
T8100.0	505065.9	5408098.8	8725.59961	270.48	72.15	48.825848	-86.930980	56039.90	56251.7	-1.70	56038.20	56038.19922	56056.12140	56056.12109	505065.9	5408098.8
T8100.0	505066.0	5408098.8	8725.79981	267.64	72.08	48.825848	-86.930979	56039.90	56251.7	-1.70	56038.21	56038.21094	56056.39354	56056.39453	505066.0	5408098.8
T8100.0	505066.0	5408098.8	8725.90039	269.26	72.08	48.825848	-86.930978	56039.90	56251.7	-1.69	56038.21	56038.21094	56056.67796	56056.67969	505066.0	5408098.8
T8100.0	505066.1	5408098.7	8726.00000	267.95	72.16	48.825848	-86.930976	56039.93	56251.7	-1.69	56038.24	56038.23828	56056.97000	56056.96875	505066.1	5408098.7
T8100.0	505066.2	5408098.7	8726.09961	269.30	62.22	48.825848	-86.930976	56039.93	56251.7	-1.69	56038.24	56038.23828	56057.26863	56057.26953	505066.2	5408098.7
T8100.0	505066.2	5408098.7	8726.20020	268.72	62.22	48.825848	-86.930975	56039.96	56251.7	-1.69	56038.27	56038.26953	56057.56783	56057.56641	505066.2	5408098.7
T8100.0	505066.2	5408098.7	8726.29981	267.34	62.32	48.825848	-86.930975	56040.04	56251.7	-1.69	56038.35	56038.35156	56057.86238	56057.86328	505066.2	5408098.7
T8100.0	505066.3	5408098.7	8726.40039	267.46	69.94	48.825848	-86.930974	56040.16	56251.7	-1.69	56038.47	56038.46875	56058.14875	56058.14844	505066.3	5408098.7
T8100.0	505066.4	5408098.7	8726.50000	267.70	63.02	48.825848	-86.930973	56040.18	56251.7	-1.69	56038.49	56038.48828	56058.43280	56058.43359	505066.4	5408098.7
T8100.0	505066.4	5408098.7	8726.59961	267.01	63.02	48.825847	-86.930972	56040.28	56251.7	-1.69	56038.59	56038.58984	56058.69872	56058.69922	505066.4	5408098.7
T8100.0	505066.4	5408098.7	8726.70020	266.26	63.55	48.825847	-86.930972	56040.41	56251.7	-1.69	56038.72	56038.71875	56058.94644	56058.94531	505066.4	5408098.7
T8100.0	505066.5	5408098.6	8726.79981	266.81	63.55	48.825847	-86.930971	56040.56	56251.7	-1.69	56038.87	56038.87109	56059.17323	56059.17188	505066.5	5408098.6
T8100.0	505066.6	5408098.6	8726.90039	267.18	71.18	48.825847	-86.930970	56040.74	56251.7	-1.69	56039.05	56039.05078	56059.37516	56059.37500	505066.6	5408098.6
T8100.0	505066.7	5408098.6	8727.00000	267.30	71.75	48.825847	-86.930969	56040.92	56251.7	-1.69	56039.23	56039.23047	56059.55367	56059.55469	505066.7	5408098.6
T8100.0	505066.7	5408098.6	8727.09961	265.08	71.75	48.825847	-86.930968	56041.09	56251.7	-1.69	56039.40	56039.39844	56059.70888	56059.70703	505066.7	5408098.6
T8100.0	505066.8	5408098.7	8727.20020	264.81	72.57	48.825847	-86.930967	56041.30	56251.7	-1.70	56039.60	56039.60156	56059.83729	56059.83594	505066.8	5408098.7
T8100.0	505066.9	5408098.7	8727.29981	265.72	72.62	48.825847	-86.930966	56041.47	56251.7	-1.70	56039.77	56039.76953	56059.94473	56059.94531	505066.9	5408098.7
T8100.0	505066.9	5408098.7	8727.40039	266.01	72.96	48.825847	-86.930966	56041.66	56251.7	-1.70	56039.95	56039.94922	56060.02871	56060.02734	505066.9	5408098.7
T8100.0	505067.0	5408098.7	8727.50000	267.66	63.95	48.825848	-86.930965	56041.77	56251.7	-1.71	56040.07	56040.07031	56060.09602	56060.09766	505067.0	5408098.7
T8100.0	505067.0	5408098.7	8727.50000	267.66	63.95	48.825848	-86.930964	56042.04	56251.7	-1.71	56040.33	56040.32813	56060.13392	56060.13281	505067.0	5408098.7
T8100.0	505067.1	5408098.7	8727.59961	268.82	64.33	48.825848	-86.930963	56042.21	56251.7	-1.71	56040.50	56040.50000	56060.16040	56060.16016	505067.1	5408098.7
T8100.0	505067.2	5408098.7	8727.79981	267.58	64.42	48.825848	-86.930962	56042.36	56251.7	-1.71	56040.64	56040.64063	56060.17205	56060.17188	505067.2	5408098.7
T8100.0	505067.2	5408098.7	8727.90039	268.99	63.12	48.825848	-86.930962	56042.64	56251.7	-1.72	56040.92	56040.92188	56060.16364	56060.16406	505067.2	5408098.7
T8100.0	505067.2	5408098.8	8728.00000	270.57	64.6	48.825848	-86.930962	56042.76	56251.7	-1.72	56041.04	56041.03906	56060.15022	56060.14844	505067.2	5408098.8
T8100.0	505067.3	5408098.8	8728.09961	272.19	64.6	48.825848	-86.930961	56042.99	56251.7	-1.72	56041.28	56041.28125	56060.12398	56060.12500	505067.3	5408098.8
T8100.0	505067.3	5408098.8	8728.20020	273.04	66.31	48.825848	-86.930961	56043.22	56251.7	-1.71	56041.51	56041.51172	56060.09213	56060.09375	505067.3	5408098.8
T8100.0	505067.4	5408098.8	8728.29981	272.42	66.31	48.825849	-86.930959	56043.45	56251.7	-1.71	56041.74	56041.73828	56060.05740	56060.05859	505067.4	5408098.8
T8100.0	505067.4	5408098.8	8728.40039	270.77	74.95	48.825849	-86.930959	56043.65	56251.7	-1.70	56041.95	56041.94922	56060.02256	56060.02344	505067.4	5408098.8
T8100.0	505067.5	5408098.8	8728.50000	270.61	75.39	48.825849	-86.930958	56043.83	56251.7	-1.69	56042.13	56042.12891	56059.98927	56059.98828	505067.5	5408098.8
T8100.0	505067.6	5408098.8	8728.59961	271.32	75.39	48.825849	-86.930957	56044.11	56251.7	-1.69	56042.42	56042.42188	56059.96521	56059.96484	505067.6	5408098.8
T8100.0	505067.6	5408098.8	8728.70020	271.86	75.06	48.825849	-86.930956	56044.31	56251.7	-1.68	56042.62	56042.62109	56059.94591	56059.94531	505067.6	5408098.8

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
T8100.0	505067.6	5408098.8	8728.79981	271.23	74.55	48.825849	-86.930956	56044.56	56251.7	-1.68	56042.88	56042.87891	56059.93877	56059.93750	505067.6	5408098.8
T8100.0	505067.7	5408098.9	8728.90039	273.40	70.6	48.825849	-86.930955	56044.79	56251.7	-1.67	56043.11	56043.10938	56059.93925	56059.93750	505067.7	5408098.9
T8100.0	505067.8	5408098.9	8729.00000	273.62	70.6	48.825849	-86.930954	56045.02	56251.7	-1.67	56043.35	56043.35156	56059.94968	56059.94922	505067.8	5408098.9
T8100.0	505067.9	5408098.9	8729.09961	274.09	66.8	48.825849	-86.930953	56045.24	56251.7	-1.67	56043.57	56043.57031	56059.96727	56059.96875	505067.9	5408098.9
T8100.0	505067.9	5408098.9	8729.20020	273.27	67.11	48.825849	-86.930953	56045.47	56251.7	-1.67	56043.80	56043.80078	56059.99400	56059.99219	505067.9	5408098.9
T8100.0	505067.9	5408098.9	8729.29981	273.85	67.11	48.825849	-86.930952	56045.70	56251.7	-1.67	56044.03	56044.03125	56060.02865	56060.02734	505067.9	5408098.9
T8100.0	505068.0	5408098.9	8729.40039	272.58	68.31	48.825850	-86.930951	56045.98	56251.7	-1.67	56044.30	56044.30078	56060.07632	56060.07813	505068.0	5408098.9
T8100.0	505068.1	5408098.9	8729.50000	272.58	68.61	48.825850	-86.930950	56046.18	56251.7	-1.68	56044.50	56044.50000	56060.12358	56060.12500	505068.1	5408098.9
T8100.0	505068.1	5408098.9	8729.50000	272.58	68.96	48.825850	-86.930949	56046.43	56251.7	-1.68	56044.76	56044.76172	56060.18674	56060.18750	505068.1	5408098.9
T8100.0	505068.2	5408098.9	8729.59961	276.44	68.96	48.825850	-86.930948	56046.66	56251.7	-1.68	56044.98	56044.98047	56060.25310	56060.25391	505068.2	5408098.9
T8100.0	505068.2	5408098.9	8729.79981	276.49	76.96	48.825850	-86.930948	56046.91	56251.7	-1.68	56045.23	56045.23047	56060.33252	56060.33203	505068.2	5408098.9
T8100.0	505068.3	5408099.0	8729.90039	276.78	66.48	48.825850	-86.930947	56047.09	56251.7	-1.68	56045.41	56045.41016	56060.40987	56060.41016	505068.3	5408099.0
T8100.0	505068.3	5408099.0	8730.00000	275.54	78.58	48.825850	-86.930946	56047.39	56251.7	-1.68	56045.71	56045.71094	56060.51482	56060.51563	505068.3	5408099.0
T8100.0	505068.4	5408099.0	8730.09961	276.00	78.58	48.825850	-86.930945	56047.64	56251.7	-1.68	56045.96	56045.96094	56060.62083	56060.62109	505068.4	5408099.0
T8100.0	505068.4	5408099.0	8730.20020	274.60	79.17	48.825850	-86.930945	56047.88	56251.7	-1.68	56046.20	56046.19922	56060.73415	56060.73438	505068.4	5408099.0
T8100.0	505068.5	5408099.0	8730.29981	275.98	76.51	48.825850	-86.930944	56048.10	56251.7	-1.68	56046.42	56046.42188	56060.85279	56060.85156	505068.5	5408099.0
T8100.0	505068.6	5408099.0	8730.40039	275.74	76.51	48.825850	-86.930943	56048.33	56251.7	-1.68	56046.65	56046.64844	56060.98201	56060.98047	505068.6	5408099.0
T8100.0	505068.6	5408099.0	8730.50000	275.67	74.06	48.825850	-86.930942	56048.61	56251.7	-1.68	56046.93	56046.92969	56061.12933	56061.12891	505068.6	5408099.0
T8100.0	505068.7	5408099.0	8730.59961	274.58	74.94	48.825850	-86.930941	56048.89	56251.7	-1.68	56047.21	56047.21094	56061.28526	56061.28516	505068.7	5408099.0
T8100.0	505068.8	5408099.0	8730.70020	275.20	74.94	48.825851	-86.930940	56049.12	56251.7	-1.68	56047.44	56047.44141	56061.43934	56061.43750	505068.8	5408099.0
T8100.0	505068.9	5408099.0	8730.79981	275.76	80.62	48.825851	-86.930939	56049.34	56251.7	-1.68	56047.66	56047.66016	56061.59832	56061.59766	505068.9	5408099.0
T8100.0	505068.9	5408099.0	8730.90039	274.99	81.01	48.825851	-86.930939	56049.65	56251.7	-1.68	56047.97	56047.96875	56061.78197	56061.78125	505068.9	5408099.0
T8100.0	505069.0	5408099.0	8731.00000	275.12	75.64	48.825851	-86.930937	56049.90	56251.7	-1.68	56048.22	56048.21875	56061.96098	56061.96094	505069.0	5408099.0
T8100.0	505069.1	5408099.1	8731.09961	276.64	75.64	48.825851	-86.930936	56050.18	56251.7	-1.68	56048.49	56048.48828	56062.15007	56062.14844	505069.1	5408099.1
T8100.0	505069.2	5408099.1	8731.20020	275.40	72.29	48.825851	-86.930935	56050.40	56251.7	-1.68	56048.72	56048.71875	56062.33073	56062.33203	505069.2	5408099.1
T8100.0	505069.3	5408099.1	8731.29981	275.65	70.71	48.825851	-86.930934	56050.71	56251.7	-1.68	56049.03	56049.03125	56062.52201	56062.52344	505069.3	5408099.1
T8100.0	505069.3	5408099.1	8731.40039	275.98	70.3	48.825851	-86.930934	56050.96	56251.7	-1.68	56049.27	56049.26953	56062.69050	56062.69141	505069.3	5408099.1
T8100.0	505069.4	5408099.1	8731.50000	279.00	71.47	48.825851	-86.930932	56051.19	56251.7	-1.68	56049.50	56049.50000	56062.84464	56062.84375	505069.4	5408099.1
T8100.0	505069.5	5408099.1	8731.50000	279.00	72.35	48.825851	-86.930931	56051.44	56251.7	-1.68	56049.75	56049.75000	56062.98811	56062.98828	505069.5	5408099.1
T8100.0	505069.6	5408099.1	8731.59961	281.04	72.35	48.825852	-86.930930	56051.74	56251.7	-1.69	56050.06	56050.05859	56063.12772	56063.12891	505069.6	5408099.1
T8100.0	505069.7	5408099.2	8731.79981	276.30	72.56	48.825852	-86.930928	56051.95	56251.7	-1.69	56050.26	56050.26172	56063.22370	56063.22266	505069.7	5408099.2
T8100.0	505069.7	5408099.2	8731.90039	275.81	72.5	48.825852	-86.930927	56052.20	56251.7	-1.69	56050.51	56050.51172	56063.30988	56063.30859	505069.7	5408099.2
T8100.0	505069.8	5408099.2	8732.00000	275.81	72.5	48.825852	-86.930927	56052.48	56251.7	-1.69	56050.79	56050.78906	56063.38306	56063.38281	505069.8	5408099.2
T8100.0	505069.9	5408099.2	8732.09961	275.64	72.61	48.825852	-86.930925	56052.70	56251.7	-1.69	56051.01	56051.01172	56063.42181	56063.42188	505069.9	5408099.2
T8100.0	505069.9	5408099.2	8732.20020	274.15	72.2	48.825852	-86.930925	56053.04	56251.7	-1.69	56051.35	56051.35156	56063.47429	56063.47266	505069.9	5408099.2
T8100.0	505070.0	5408099.2	8732.29981	276.68	73.46	48.825853	-86.930924	56053.21	56251.7	-1.69	56051.52	56051.51953	56063.72033	56063.71875	505070.0	5408099.2
T8100.0	505070.1	5408099.2	8732.40039	276.04	73.46	48.825853	-86.930923	56053.49	56251.7	-1.69	56051.81	56051.80859	56063.71879	56063.71875	505070.1	5408099.2
T8100.0	505070.1	5408099.3	8732.50000	275.61	73.4	48.825853	-86.930922	56053.77	56251.7	-1.68	56052.08	56052.07813	56063.71882	56063.71875	505070.1	5408099.3
T8100.0	505070.2	5408099.3	8732.59961	275.51	74.7	48.825853	-86.930920	56054.02	56251.7	-1.68	56052.34	56052.33984	56063.72257	56063.72266	505070.2	5408099.3
T8100.0	505070.3	5408099.3	8732.70020	275.80	74.7	48.825853	-86.930919	56054.32	56251.7	-1.68	56052.64	56052.64063	56063.73108	56063.73047	505070.3	5408099.3
T8100.0	505070.3	5408099.3	8732.79981	279.14	74.17	48.825853	-86.930919	56054.53	56251.7	-1.68	56052.85	56052.85156	56063.75504	56063.75391	505070.3	5408099.3
T8100.0	505070.4	5408099.3	8732.90039	280.99	80.69	48.825853	-86.930918	56054.86	56251.7	-1.68	56053.18	56053.17969	56063.78820	56063.78906	505070.4	5408099.3
T8100.0	505070.6	5408099.3	8733.00000	281.27	80.69	48.825853	-86.930916	56055.11	56251.7	-1.68	56053.43	56053.42969	56063.83353	56063.83203	505070.6	5408099.3
T8100.0	505070.7	5408099.3	8733.09961	283.77	74.94	48.825853	-86.930915	56055.36	56251.7	-1.68	56053.68	56053.67969	56063.88752	56063.88672	505070.7	5408099.3
T8100.0	505070.7	5408099.3	8733.20020	284.23	86.37	48.825853	-86.930915	56055.61	56251.7	-1.68	56053.93	56053.92969	56063.94890	56063.94922	505070.7	5408099.3
T8100.0	505070.8	5408099.3	8733.29981	283.56	86.37	48.825853	-86.930913	56055.89	56251.7	-1.68	56054.21	56054.21094	56064.01782	56064.01953	505070.8	5408099.3
T8100.0	505070.9	5408099.3	8733.40039	283.61	76.11	48.825853	-86.930912	56056.14	56251.7	-1.68	56054.46	56054.46094	56064.09139	56064.08984	505070.9	5408099.3
T8100.0	505071.0	5408099.3	8733.50000	284.33	76.11	48.825853	-86.930910	56056.43	56251.7	-1.68	56054.75	56054.75000	56064.17357	56064.17188	505071.0	5408099.3
T8100.0	505071.0	5408099.3	8733.50000	284.33	76.22	48.825853	-86.930910	56056.68	56251.7	-1.68	56055.00	56055.00000	56064.25737	56064.25781	505071.0	5408099.3
T8100.0	505071.1	5408099.3	8733.59961	282.98	76.01	48.825853	-86.930909	56056.93	56251.7	-1.68	56055.25	56055.25000	56064.34475	56064.34375	505071.1	5408099.3
T8100.0	505071.2	5408099.3	8733.79981	282.67	76.01	48.825853	-86.930907	56057.21	56251.7	-1.68	56055.53	56055.53125	56064.43928	56064.43750	505071.2	5408099.3
T8100.0	505071.2	5408099.3	8733.90039	281.53	77.12	48.825853	-86.930907	56057.46	56251.7	-1.68	56055.78	56055.78125	56064.53455	56064.53516	505071.2	5408099.3
T8100.0	505071.3	5408099.3	8734.00000	280.98	77.57	48.825853	-86.930906	56057.78	56251.7	-1.68	56056.10	56056.10156	56064.64632	56064.64453	505071.3	5408099.3
T8100.0	505071.4	5408099.3	8734.09961	280.82	77.57	48.825853	-86.930905	56058.02	56251.7	-1.68	56056.34	56056.33984	56064.75128	56064.75000	505071.4	5408099.3
T8100.0	505071.5	5408099.3	8734.20020	279.60	87.99	48.825853	-86.930903	56058.27	56251.7	-1.68	56056.59	56056.58984	56064.85861	56064.85938	505071.5	5408099.3
T8100.0	505071.6	5408099.3	8734.29981	279.93	87.86	48.825853	-86.930902	56058.52	56251.7	-1.68	56056.84	56056.83984	56064.96396	56064.96484	505071.6	5408099.3
T8100.0	505071.7	5408099.3	8734.40039	281.21	87.86	48.825853	-86.930901	56058.78	56251.7	-1.68	56057.09	56057.08984	56065.06661	56065.06641	505071.7	5408099.3
T8100.0	505071.7	5408099.3	8734.50000	283.39	87.76	48.825853	-86.930901	56059.08	56251.7	-1.68	56057.39	56057.39063	56065.17385	56065.17578	505071.7	5408099.3
T8100.0	505071.8	5408099.3	8734.59961	283.54	88.01	48.825853	-86.930900	56059.33	56251.7	-1.69	56057.65	56057.64844	56065.26460	56065.26563	505071.8	5408099.3
T8100.0	505071.9	5408099.3	8734.70020	284.36	84.81	48.825853	-86.930898	56059.56	56251.7	-1.69	56057.87	56057.87109	56065.33605	56065.33594	505071.9	5408099.3
T8100.0	505072.0	5408099.3	8734.79981	284.22	78	48.825853	-86.930897	56059.86	56251.7	-1.69	56058.17	56058.17188	56065.41675	56065.41797	505072.0	5408099.3
T8100.0	505072.1	5408099.3	8734.90039	286.12	76.21	48.825854	-86.930896	56060.07	56251.7	-1.69	56058.38	56058.37891	56065.46177	56065.46094	505072.1	5408099.3
T8100.0	505072.1	5408099.4	8735.00000	286.43	76.21	48.825854	-86.930894	56060.32	56251.7	-1.69	56058.63	56058.62891	56065.50610	56065.50781	505072.1	5408099.4
T8100.0	505072.2	5408099.4	8735.09961	286.42	76.34	48.825854	-86.930893	56060.57	56251.7	-1.69	56058.88	56058.87891	56065.53985	56065.53906	505072.2	5408099.4
T8100.0	505072.2	5408099.4	8735.20020	287.11	82.26	48.825854	-86.930893	56060.85	56251.7	-1.69	56059.16	56059.16016	56065.57594	56065.57422	505072.2	5408099.4
T8100.0	505072.3	5408099.4	8735.29981	287.83	87.33	48.825854	-86.930892	56061.05	56251.7	-1.69	56059.36	56059.35938	56065.58209	56065.58203	505072.3	5408099.4
T8100.0	505072.4	5408099.4	8735.40039	289.36	91.07	48.825854	-86.930891	56061.31	56251.7	-1.69	56059.62	56059.62109	56065.61204	56065.61328	505072.4	5408099.4
T8100.0	505072.5	5408099.5	8735.50000	288.63	91.07	48.825855	-86.930890	56061.58	56251.7	-1.68	56059.89	56059.89063	56065.65474	56065.65625	505072.5	5408099.5
T8100.0	505072.6	5408099.5	8735.50000	288.63	82.41	48.825855	-86.930888	56061.79	56251.7	-1.68	56060.10	56060.10156	56065.68512	56065.68359	505072.6	5408099.5
T8100.0	505072.6	5408099.5	8735.59961	288.67	92.14	48.825855	-86.930888	56062.06	56251.7	-1.68	56060.38	56060.37891	56065.79015	56065.78906	505072.6	5408099.5
T8100.0	505072.7	5408099.5	8735.79981	289.63	81.82	48.825855	-86.930887	56062.29	56251.7	-1.68	56060.61	56060.60938	56065.88024	56065.87891	505072.7	5408099.5
T8100.0	505072.8	5408099.6	8735.90039	285.86	81.82	48.825856	-86.930886	56062.54	56251.7	-1.68	56060.86	56060.85938	56065.98881	56065.98828	505072.8	5408099.6
T8100.0	505072.9	5408099.6	8736.00000	285.15	82.63	48.825856	-86.930884	56062.80	56251.7	-1.68	56061.12	56061.12109	56066.11911	56066.11719	505072.9	5408099.6
T8100.0	505073.0	5408099.6	8736.09961	286.50	92.94	48.825856	-86.930883	56063.05	56251.7	-1.68	56061.37	56061.37109	56066.27599	56066.27734	505073.0	5408099.6
T8100.0	505073.1	5408099.6	8736.20020	287.30	83.74	48.825856	-86.930882	56063.31	56251.7	-1.68	56061.63	56061.62891	56066.45326	56066.45313	505073.1	5408099.6
T8100.0	505073.2	5408099.7	8736.29981	286.94	83.74	48.825856	-86.930881	56063.51	56251.7	-1.68	56061.83	56061.82813	56066.65786	56066.65625	505073.2	5408099.7
T8100.0	505073.2	5408099.7	8736.40039	289.44	93.06	48.825857	-86.930879	56063.81	56251.7	-1.68	56062.14	56062.14063	56066.85291	56066.85156	505073.2	5408099.7
T8100.0	505073.3	5408099.7	8736.50000	288.97	85.18	48.825857	-86.930878	56064.06	56251.7	-1.68	56062.38	56062.37891	56067.05972	56067.05859	505073.3	5408099.7
T8100.0	505073.3	5408099.7	8736.59961	290.68	82.6	48.825857	-86.930878	56064.27	56251.7	-1.67	56062.59	56062.58984	56067.26512	56067.26563	505073.3	5408099.7
T8100.0	505073.5	5408099.8	8736.70020	291.19	82.6	48.825857	-86.930877	56064.52	56251.7	-1.67	56062.84	56062.83984	56067.45219	56067.45313	505073.5	5408099.8
T8100.0	505073.5	5408099.8	8736.79981	291.57	84.38	48.825857	-86.930876	56064.72	56251.7	-1.67	56063.05	56063.05078	56067.62444	56067.62500	505073.5	5408099.8
T8100.0	505073.6	5408099.8	8736.90039	289.78	84.8	48.825858	-86.930875	56065.00	56251.7	-1.67	56063.32	56063.32031	56067.76893	56067.76953	505073.6	5408099.8
T8100.0	505073.7	5408099.8	8737.00000	290.12	84.8	48.825858	-86.930873	56065.20	56251.7	-1.67	56063.53	56063.53125	56067.89743	56067.89844	505073.7	5408099.8
T8100.0	505073.8	5408099.9	8737.09961	289.75	94.98	48.825858	-86.930872	56065.43	56251.7	-1.67	56063.75	56063.75000	56068.00085	56068.00000	505073.8	5408099.9
T8100.0	505073.8	5408099.9	8737.20020	289.28	95.35	48.825858	-86.930872	56065.73	56251.7	-1.67	56064.06	56064.05859	56068.08084	56068.08203	505073.8	5408099.9
T8100.0	505074.0	5408099.9	8737.29981	288.79	95.35	48.825858	-86.930869	56065.96	56251.7	-1.68	56064.28	56064.28125	56068.14499	56068.14453	505074.0	5408099.9
T8100.0	505074.0	5408099.9	8737.40039	288.10	96.33	48.825858	-86.930869	56066.19	56251.7	-1.68	56064.51	56064.51172	56068.19572	56068.19531	505074.0	5408099.9
T8100.0	505074.1	5408099.9	8737.50000	286.90	96.39	48.825858	-86.930868	56066.44	56251.7	-1.68	56064.76	56064.76172	56068.23868	56068.23828	505074.1	5408099.9
T8100.0	505074.2	5408099.9	8737.50000	286.90	96.39	48.825859	-86.930867	56066.74	56251.7	-1.68	56065.06	56065.05859	56068.28731	56068.28906	505074.2	5408099.9
T8100.0	505074.3	5408099.9	8737.59961	287.65	96.53	48.825859	-86.930865	56066.95	56251.7	-1.68	56065.26	56065.26172	56068.31621	56068.31641	505074.3	5408099.9
T8100.0	505074.3	5408099.9	8737.79981	290.23	84.16	48.825859	-86.930865	56067.20	56251.7	-1.69	56065.51	56065.51172	56068.35513	56068.35547	505074.3	5408099.9
T8100.0	505074.4	5408099.9	8737.90039	292.22	86.42	48.825859	-86.930864	56067.51	56251.7	-1.69	56065.82	56065.82031	56068.41723	56068.41797	505074.4	5408099.9
T8100.0	505074.5	5408099.9	8738.00000	293.57	86.42	48.825859	-86.930863	56067.75	56251.7	-1.69	56066.06	56066.05859	56068.46133	56068.46094	505074.5	5408099.9

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
T8100.0	505074.6	5408099.9	8738.09961	295.29	87.63	48.825859	-86.930861	56067.98	56251.7	-1.69	56066.29	56066.28906	56068.50372	56068.50391	505074.6	5408099.9
T8100.0	505074.7	5408099.9	8738.20020	297.25	87.21	48.825859	-86.930860	56068.23	56251.7	-1.69	56066.54	56066.53906	56068.55871	56068.55859	505074.7	5408099.9
T8100.0	505074.8	5408099.9	8738.29981	297.74	87.21	48.825859	-86.930859	56068.46	56251.7	-1.69	56066.77	56066.76953	56068.60886	56068.60938	505074.8	5408099.9
T8100.0	505074.8	5408099.9	8738.40039	297.77	87.71	48.825859	-86.930859	56068.72	56251.7	-1.69	56067.03	56067.03125	56068.68073	56068.67969	505074.8	5408099.9
T8100.0	505074.9	5408100.0	8738.50000	298.30	88.54	48.825859	-86.930858	56068.92	56251.7	-1.69	56067.23	56067.23047	56068.72331	56068.72266	505074.9	5408100.0
T8100.0	505074.9	5408100.0	8738.59961	298.79	88.62	48.825859	-86.930856	56069.20	56251.7	-1.69	56067.51	56067.51172	56068.82227	56068.82422	505074.9	5408100.0
T8100.0	505075.0	5408100.0	8738.70020	297.25	88.62	48.825859	-86.930855	56069.45	56251.7	-1.69	56067.76	56067.76172	56068.91125	56068.91016	505075.0	5408100.0
T8100.0	505075.1	5408100.0	8738.79981	296.52	87.14	48.825859	-86.930854	56069.68	56251.7	-1.69	56067.99	56067.98828	56068.99860	56069.00000	505075.1	5408100.0
T8100.0	505075.2	5408100.0	8738.90039	295.16	88.87	48.825860	-86.930853	56069.91	56251.7	-1.69	56068.22	56068.21875	56069.10950	56069.10938	505075.2	5408100.0
T8100.0	505075.3	5408100.0	8739.00000	294.16	88.87	48.825860	-86.930852	56070.16	56251.7	-1.69	56068.47	56068.46875	56069.22316	56069.22266	505075.3	5408100.0
T8100.0	505075.3	5408100.1	8739.09961	293.78	95.35	48.825860	-86.930851	56070.44	56251.7	-1.69	56068.75	56068.75000	56069.34733	56069.34766	505075.3	5408100.1
T8100.0	505075.4	5408100.1	8739.20020	293.15	99.99	48.825860	-86.930850	56070.62	56251.7	-1.69	56068.93	56068.92969	56069.50123	56069.50000	505075.4	5408100.1
T8100.0	505075.4	5408100.1	8739.29981	294.52	100.24	48.825860	-86.930850	56070.89	56251.7	-1.69	56069.20	56069.19922	56069.66113	56069.66016	505075.4	5408100.1
T8100.0	505075.6	5408100.1	8739.40039	294.77	100.24	48.825860	-86.930848	56071.17	56251.7	-1.69	56069.48	56069.48047	56069.83844	56069.83984	505075.6	5408100.1
T8100.0	505075.7	5408100.1	8739.50000	295.75	100.43	48.825860	-86.930846	56071.35	56251.7	-1.69	56069.66	56069.66016	56069.98664	56069.98828	505075.7	5408100.1
T8100.0	505075.7	5408100.1	8739.50000	295.75	95.49	48.825860	-86.930846	56071.63	56251.7	-1.69	56069.94	56069.94141	56070.17239	56070.17188	505075.7	5408100.1
T8100.0	505075.8	5408100.1	8739.59961	296.79	95.49	48.825861	-86.930845	56071.86	56251.7	-1.69	56070.17	56070.17188	56070.33463	56070.33594	505075.8	5408100.1
T8100.0	505075.9	5408100.2	8739.79981	295.66	90.15	48.825861	-86.930844	56072.14	56251.7	-1.69	56070.45	56070.44922	56070.52685	56070.52734	505075.9	5408100.2
T8100.0	505075.9	5408100.2	8739.90039	295.85	93.21	48.825861	-86.930843	56072.33	56251.7	-1.69	56070.64	56070.64063	56070.64000	56070.64063	505075.9	5408100.2
T8100.0	505076.0	5408100.2	8740.00000	297.68	100.81	48.825861	-86.930842	56072.62	56251.7	-1.69	56070.93	56070.92969	56071.24415	56071.24609	505076.0	5408100.2
T8100.0	505076.1	5408100.2	8740.09961	297.43	100.81	48.825861	-86.930840	56072.79	56251.7	-1.69	56071.10	56071.10156	56070.20984	56070.21094	505076.1	5408100.2
T8100.0	505076.2	5408100.2	8740.20020	299.54	101.22	48.825861	-86.930839	56073.06	56251.7	-1.69	56071.37	56071.37109	56071.51378	56071.51563	505076.2	5408100.2
T8100.0	505076.3	5408100.2	8740.29981	302.55	101.23	48.825862	-86.930838	56073.32	56251.7	-1.70	56071.62	56071.62109	56071.20103	56071.19922	505076.3	5408100.2
T8100.0	505076.3	5408100.2	8740.40039	303.98	93.43	48.825862	-86.930838	56073.50	56251.7	-1.70	56071.81	56071.80859	56071.00441	56071.00391	505076.3	5408100.2
T8100.0	505076.4	5408100.3	8740.50000	303.72	91.38	48.825862	-86.930837	56073.75	56251.7	-1.70	56072.05	56072.05078	56071.06680	56071.06641	505076.4	5408100.3
T8100.0	505076.5	5408100.3	8740.59961	302.42	91.38	48.825862	-86.930836	56074.00	56251.7	-1.70	56072.30	56072.30078	56072.18196	56072.18359	505076.5	5408100.3
T8100.0	505076.6	5408100.3	8740.70020	301.88	91.8	48.825862	-86.930834	56074.20	56251.7	-1.70	56072.50	56072.50000	56071.26690	56071.26563	505076.6	5408100.3
T8100.0	505076.6	5408100.3	8740.79981	300.53	98.29	48.825862	-86.930833	56074.46	56251.7	-1.71	56072.75	56072.75000	56071.45034	56071.44922	505076.6	5408100.3
T8100.0	505076.7	5408100.4	8740.90039	298.55	103.81	48.825863	-86.930832	56074.71	56251.7	-1.71	56073.01	56073.01172	56071.73990	56071.73828	505076.7	5408100.4
T8100.0	505076.8	5408100.4	8741.00000	298.39	103.81	48.825863	-86.930831	56074.94	56251.7	-1.71	56073.23	56073.23047	56071.69514	56071.69531	505076.8	5408100.4
T8100.0	505076.8	5408100.4	8741.09961	299.43	104.03	48.825863	-86.930831	56075.21	56251.7	-1.71	56073.51	56073.51172	56072.21556	56072.21484	505076.8	5408100.4
T8100.0	505076.9	5408100.4	8741.20020	300.21	104.03	48.825863	-86.930829	56075.45	56251.7	-1.71	56073.74	56073.73828	56072.26581	56072.26563	505076.9	5408100.4
T8100.0	505077.0	5408100.4	8741.29981	299.40	102.99	48.825863	-86.930828	56075.72	56251.7	-1.71	56074.01	56074.01172	56072.74515	56072.74609	505077.0	5408100.4
T8100.0	505077.1	5408100.4	8741.40039	299.79	103.57	48.825863	-86.930827	56075.93	56251.7	-1.71	56074.22	56074.21875	56072.56528	56072.56641	505077.1	5408100.4
T8100.0	505077.2	5408100.5	8741.50000	299.87	103.83	48.825863	-86.930826	56076.18	56251.7	-1.71	56074.47	56074.46875	56072.84279	56072.84375	505077.2	5408100.5
T8100.0	505077.3	5408100.5	8741.50000	299.87	103.83	48.825863	-86.930825	56076.41	56251.7	-1.71	56074.71	56074.71094	56073.01515	56073.01563	505077.3	5408100.5
T8100.0	505077.4	5408100.5	8741.59961	298.21	104.8	48.825864	-86.930823	56076.64	56251.7	-1.70	56074.93	56074.92969	56072.94605	56072.94531	505077.4	5408100.5
T8100.0	505077.4	5408100.5	8741.79981	298.91	104.3	48.825864	-86.930823	56076.89	56251.7	-1.70	56075.19	56075.19141	56073.42207	56073.42188	505077.4	5408100.5
T8100.0	505077.5	5408100.5	8741.90039	300.63	104.26	48.825864	-86.930822	56077.09	56251.7	-1.70	56075.39	56075.39063	56073.13226	56073.13281	505077.5	5408100.5
T8100.0	505077.6	5408100.5	8742.00000	301.62	104.26	48.825864	-86.930820	56077.34	56251.7	-1.70	56075.64	56075.64063	56073.56513	56073.56641	505077.6	5408100.5
T8100.0	505077.6	5408100.5	8742.09961	304.14	105.92	48.825864	-86.930820	56077.57	56251.7	-1.70	56075.87	56075.87109	56073.78421	56073.78516	505077.6	5408100.5
T8100.0	505077.7	5408100.5	8742.20020	304.99	105.92	48.825864	-86.930818	56077.77	56251.7	-1.70	56076.07	56076.07031	56073.65154	56073.65234	505077.7	5408100.5
T8100.0	505077.7	5408100.5	8742.29981	303.81	106	48.825864	-86.930818	56078.08	56251.7	-1.70	56076.38	56076.37891	56075.14914	56075.14844	505077.7	5408100.5
T8100.0	505077.8	5408100.5	8742.40039	302.75	106.23	48.825864	-86.930817	56078.20	56251.7	-1.70	56076.51	56076.51172	56074.19672	56074.19531	505077.8	5408100.5
T8100.0	505077.9	5408100.5	8742.50000	303.51	106.23	48.825864	-86.930816	56078.50	56251.7	-1.69	56076.81	56076.80859	56075.74429	56075.74609	505077.9	5408100.5
T8100.0	505077.9	5408100.5	8742.59961	304.75	106.8	48.825864	-86.930816	56078.69	56251.7	-1.69	56076.99	56076.98828	56075.70412	56075.70313	505077.9	5408100.5
T8100.0	505078.0	5408100.5	8742.70020	305.27	106.94	48.825864	-86.930815	56078.93	56251.7	-1.69	56077.24	56077.23828	56076.77565	56076.77734	505078.0	5408100.5
T8100.0	505078.1	5408100.5	8742.79981	303.29	106.94	48.825864	-86.930814	56079.08	56251.7	-1.69	56077.39	56077.39063	56076.56114	56076.56250	505078.1	5408100.5
T8100.0	505078.1	5408100.5	8742.90039	302.49	107.25	48.825864	-86.930813	56079.29	56251.7	-1.69	56077.60	56077.60156	56077.33508	56077.33594	505078.1	5408100.5
T8100.0	505078.2	5408100.5	8743.00000	301.71	106.76	48.825864	-86.930812	56079.44	56251.7	-1.69	56077.75	56077.75000	56077.40332	56077.40234	505078.2	5408100.5
T8100.0	505078.3	5408100.5	8743.09961	301.38	106.76	48.825864	-86.930811	56079.62	56251.7	-1.69	56077.93	56077.92969	56078.05024	56078.05078	505078.3	5408100.5
T8100.0	505078.3	5408100.5	8743.20020	299.68	107.64	48.825864	-86.930811	56079.70	56251.7	-1.69	56078.01	56078.01172	56077.42108	56077.42188	505078.3	5408100.5
T8100.0	505078.3	5408100.5	8743.29981	299.67	107.64	48.825864	-86.930810	56079.85	56251.7	-1.68	56078.16	56078.16016	56077.95132	56077.95313	505078.3	5408100.5
T8100.0	505078.3	5408100.5	8743.40039	300.48	107.87	48.825864	-86.930810	56079.95	56251.7	-1.68	56078.26	56078.26172	56077.91556	56077.91406	505078.3	5408100.5
T8100.0	505078.4	5408100.5	8743.50000	299.53	107.82	48.825864	-86.930809	56080.05	56251.7	-1.68	56078.37	56078.37109	56078.17851	56078.17969	505078.4	5408100.5
T8100.0	505078.4	5408100.5	8743.50000	299.53	107.98	48.825864	-86.930809	56080.10	56251.7	-1.68	56078.42	56078.42188	56077.70524	56077.70703	505078.4	5408100.5
T8100.0	505078.5	5408100.5	8743.59961	300.17	107.98	48.825864	-86.930809	56080.15	56251.7	-1.68	56078.47	56078.46875	56077.36420	56077.36328	505078.5	5408100.5
T8100.0	505078.5	5408100.5	8743.79981	302.81	108.15	48.825864	-86.930808	56080.20	56251.7	-1.67	56078.53	56078.53125	56077.29883	56077.30078	505078.5	5408100.5
T8100.0	505078.5	5408100.5	8743.90039	303.64	108.21	48.825864	-86.930808	56080.25	56251.7	-1.67	56078.58	56078.57813	56077.19992	56077.19922	505078.5	5408100.5
T8100.0	505078.5	5408100.5	8744.00000	304.15	108.91	48.825864	-86.930808	56080.28	56251.7	-1.67	56078.61	56078.60938	56076.89762	56076.89844	505078.5	5408100.5
T8100.0	505078.5	5408100.5	8744.09961	305.96	108.91	48.825864	-86.930808	56080.33	56251.7	-1.67	56078.66	56078.66016	56076.99244	56076.99219	505078.5	5408100.5
T8100.0	505078.5	5408100.5	8744.20020	306.64	109.05	48.825864	-86.930808	56080.36	56251.7	-1.67	56078.68	56078.67969	56076.69190	56076.69141	505078.5	5408100.5
T8100.0	505078.5	5408100.5	8744.29981	305.88	109.45	48.825864	-86.930808	56080.33	56251.7	-1.67	56078.65	56078.64844	56075.63848	56075.63672	505078.5	5408100.5
T8100.0	505078.5	5408100.5	8744.40039	305.27	109.45	48.825864	-86.930808	56080.37	56251.7	-1.67	56078.70	56078.69922	56075.89954	56075.89844	505078.5	5408100.5
T8100.0	505078.5	5408100.6	8744.50000	303.50	108.65	48.825864	-86.930808	56080.36	56251.7	-1.68	56078.68	56078.67969	56075.03085	56075.03125	505078.5	5408100.6
T8100.0	505078.5	5408100.6	8744.59961	302.97	108.65	48.825864	-86.930808	56080.36	56251.7	-1.68	56078.68	56078.67969	56074.47760	56074.47656	505078.5	5408100.6
T8100.0	505078.5	5408100.6	8744.70020	302.86	109.78	48.825864	-86.930808	56080.43	56251.7	-1.68	56078.75	56078.75000	56075.10746	56075.10938	505078.5	5408100.6
T8100.0	505078.5	5408100.6	8744.79981	303.48	105.03	48.825864	-86.930808	56080.45	56251.7	-1.68	56078.78	56078.78125	56075.03547	56075.03516	505078.5	5408100.6
T8100.0	505078.5	5408100.6	8744.90039	304.56	102.98	48.825864	-86.930808	56080.50	56251.7	-1.68	56078.83	56078.82813	56075.28451	56075.28516	505078.5	5408100.6
T8100.0	505078.6	5408100.6	8745.00000	302.16	102.98	48.825864	-86.930807	56080.45	56251.7	-1.68	56078.77	56078.76953	56073.47988	56073.48047	505078.6	5408100.6
T8100.0	505078.6	5408100.5	8745.09961	301.92	107.09	48.825864	-86.930807	56080.55	56251.7	-1.68	56078.87	56078.87109	56074.53057	56074.53125	505078.6	5408100.5
T8100.0	505078.7	5408100.5	8745.20020	301.40	103.46	48.825864	-86.930805	56080.64	56251.7	-1.68	56078.96	56078.96094	56075.35536	56075.35547	505078.7	5408100.5
T8100.0	505078.8	5408100.5	8745.29981	301.58	103.46	48.825864	-86.930804	56080.68	56251.7	-1.68	56079.00	56079.00000	56075.16099	56075.16016	505078.8	5408100.5
T8100.0	505078.8	5408100.5	8745.40039	300.71	103.17	48.825864	-86.930804	56080.68	56251.7	-1.68	56079.00	56079.00000	56074.08420	56074.08594	505078.8	5408100.5
T8100.0	505078.9	5408100.5	8745.50000	302.49	103.17	48.825864	-86.930802	56080.76	56251.7	-1.68	56079.07	56079.07031	56074.25177	56074.25000	505078.9	5408100.5
T8100.0	505079.0	5408100.4	8745.50000	302.49	103.01	48.825863	-86.930801	56080.78	56251.7	-1.68	56079.09	56079.08984	56073.29823	56073.29688	505079.0	5408100.4
T8100.0	505079.2	5408100.4	8745.59961	303.23	102.1	48.825863	-86.930799	56080.88	56251.7	-1.69	56079.20	56079.19922	56074.03626	56074.03516	505079.2	5408100.4
T8100.0	505079.4	5408100.4	8745.79981	302.59	102.1	48.825863	-86.930796	56080.94	56251.7	-1.69	56079.25	56079.25000	56073.42160	56073.42188	505079.4	5408100.4
T8100.0	505079.6	5408100.4	8745.90039	303.81	108.22	48.825863	-86.930793	56081.08	56251.7	-1.69	56079.39	56079.39063	56074.58904	56074.58984	505079.6	5408100.4
T8100.0	505079.6	5408100.4	8746.00000	305.57	109.99	48.825863	-86.930793	56081.16	56251.7	-1.69	56079.47	56079.46875	56074.36802	56074.36719	505079.6	5408100.4
T8100.0	505079.9	5408100.3	8746.09961	304.60	109.99	48.825862	-86.930789	56081.28	56251.7	-1.69	56079.59	56079.58984	56074.91555	56074.91406	505079.9	5408100.3
T8100.0	505080.1	5408100.3	8746.20020	306.40	108.91	48.825862	-86.930786	56081.34	56251.7	-1.69	56079.65	56079.64844	56073.98730	56073.98828	505080.1	5408100.3
T8100.0	505080.1	5408100.3	8746.29981	306.09	109.15	48.825862	-86.930786	56081.52	56251.7	-1.70	56079.82	56079.82031	56075.49550	56075.49609	505080.1	5408100.3
T8100.0	505080.3	5408100.3	8746.40039	306.97	109.15	48.825862	-86.930783	56081.54	56251.7	-1.70	56079.84	56079.83984	56073.34277	56073.34375	505080.3	5408100.3
T8100.0	505080.7	5408100.4	8746.50000	307.98	108.08	48.825863	-86.930778	56081.71	56251.7	-1.70	56080.01	56080.01172	56074.68178	56074.68359	505080.7	5408100.4
T8100.0	505080.9	5408100.4	8746.59961	308.25	110.57	48.825863	-86.930775	56081.77	56251.7	-1.70	56080.07	56080.07031	56073.21535	56073.21484	505080.9	5408100.4
T8100.0	505080.9	5408100.4	8746.70020	306.82	109.12	48.825863	-86.930775	56081.92	56251.7	-1.70	56080.21	56080.21094	56073.62746	56073.62891	505080.9	5408100.4
T8100.0	505081.2	5408100.4	8746.79981	304.65	109.12	48.825863	-86.930771	56081.99	56251.7	-1.71	56080.29	56080.28906	56072.40901	56072.41016	505081.2	5408100.4
T8100.0	505081.5	5408100.4	8746.90039	305.53	105.92	48.825863	-86.930767	56082.18	56251.7	-1.71	56080.47	56080.46875	56073.64040	56073.64063	505081.5	5408100.4
T8100.0	505081.8	5408100.4	8747.00000	304.48	110.32	48.825863	-86.930763	56082.27	56251.7	-1.71	56080.56	56080.55859	56072.44216	56072.44141	505081.8	5408100.4
T8100.0	505082.0	5408100.5	8747.09961	303.92	111.36	48.825864	-86.930760	56082.48	56251.7	-1.71	56080.77	56080.76953	56074.23037	56074.23047	505082.0	5408100.5
T8100.0	505082.3	5408100.5	8747.20020	306.07	111.36	48.825864	-86.930756	56082.61	56251.7	-1.71	56080.90	56080.89844	56073.81544	56073.81641	505082.3	5408100.5
T8100.0	505082.6	5408100.5	8747.29981	305.82	110.88	48.825864	-86.930752	56082.75	56251.7	-1.71	56081.05	56081.05078	56073.77930	56073.78125	505082.6	5408100.5

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
T8100.0	505082.9	5408100.5	8747.40039	307.43	112.17	48.825864	-86.930748	56082.93	56251.7	-1.71	56081.23	56081.23047	56074.36731	56074.36719	505082.9	5408100.5
T8100.0	505083.3	5408100.5	8747.50000	308.88	111.82	48.825864	-86.930742	56083.06	56251.7	-1.71	56081.35	56081.35156	56073.24842	56073.25000	505083.3	5408100.5
T8100.0	505083.6	5408100.6	8747.50000	308.88	111.82	48.825864	-86.930739	56083.29	56251.7	-1.71	56081.58	56081.57813	56074.77897	56074.77734	505083.6	5408100.6
T8100.0	505083.6	5408100.6	8747.59961	308.02	102.15	48.825864	-86.930739	56083.41	56251.7	-1.70	56081.71	56081.71094	56073.56816	56073.56641	505083.6	5408100.6
T8100.0	505084.1	5408100.6	8747.79981	306.08	104.71	48.825865	-86.930732	56083.64	56251.7	-1.70	56081.94	56081.94141	56074.70687	56074.70703	505084.1	5408100.6
T8100.0	505084.4	5408100.6	8747.90039	306.14	104.71	48.825865	-86.930727	56083.90	56251.7	-1.70	56082.20	56082.19922	56076.39191	56076.39063	505084.4	5408100.6
T8100.0	505084.9	5408100.6	8748.00000	305.01	104.21	48.825865	-86.930721	56084.05	56251.7	-1.70	56082.35	56082.35156	56075.09117	56075.08984	505084.9	5408100.6
T8100.0	505084.9	5408100.6	8748.09961	303.30	105.71	48.825865	-86.930721	56084.27	56251.7	-1.70	56082.57	56082.57031	56075.34161	56075.33984	505084.9	5408100.6
T8100.0	505085.5	5408100.6	8748.20020	301.50	102.11	48.825865	-86.930713	56084.50	56251.7	-1.70	56082.81	56082.80859	56075.88049	56075.87891	505085.5	5408100.6
T8100.0	505086.0	5408100.7	8748.29981	301.70	102.11	48.825865	-86.930706	56084.72	56251.7	-1.70	56083.03	56083.03125	56075.70378	56075.70313	505086.0	5408100.7
T8100.0	505086.5	5408100.7	8748.40039	302.51	101.72	48.825865	-86.930699	56085.00	56251.7	-1.70	56083.31	56083.30859	56076.83228	56076.83203	505086.5	5408100.7
T8100.0	505087.0	5408100.7	8748.50000	303.97	112.76	48.825865	-86.930692	56085.26	56251.7	-1.69	56083.56	56083.55859	56077.00604	56077.00781	505087.0	5408100.7
T8100.0	505087.0	5408100.7	8748.59961	305.58	112.37	48.825865	-86.930692	56085.51	56251.7	-1.69	56083.82	56083.82031	56077.24416	56077.24609	505087.0	5408100.7
T8100.0	505087.5	5408100.7	8748.70020	307.32	112.69	48.825865	-86.930685	56085.74	56251.7	-1.69	56084.04	56084.03906	56076.27780	56076.27734	505087.5	5408100.7
T8100.0	505088.1	5408100.7	8748.79981	306.24	112.69	48.825866	-86.930678	56086.09	56251.7	-1.69	56084.40	56084.39844	56078.75658	56078.75781	505088.1	5408100.7
T8100.0	505088.6	5408100.7	8748.90039	307.59	112.66	48.825866	-86.930670	56086.32	56251.7	-1.69	56084.63	56084.62891	56077.73619	56077.73438	505088.6	5408100.7
T8100.0	505089.2	5408100.7	8749.00000	306.94	101.49	48.825865	-86.930662	56086.55	56251.7	-1.69	56084.86	56084.85938	56076.57171	56076.57031	505089.2	5408100.7
T8100.0	505089.7	5408100.7	8749.09961	306.50	101.49	48.825865	-86.930656	56086.90	56251.7	-1.69	56085.21	56085.21094	56078.48350	56078.48438	505089.7	5408100.7
T8100.0	505089.7	5408100.7	8749.20020	307.98	100.99	48.825865	-86.930656	56087.16	56251.7	-1.69	56085.47	56085.46875	56077.93926	56077.93750	505089.7	5408100.7
T8100.0	505090.3	5408100.7	8749.29981	307.28	101.48	48.825865	-86.930647	56087.51	56251.7	-1.69	56085.82	56085.82031	56079.79206	56079.79297	505090.3	5408100.7
T8100.0	505090.8	5408100.7	8749.40039	307.05	102.63	48.825865	-86.930640	56087.77	56251.7	-1.69	56086.08	56086.07813	56079.19530	56079.19531	505090.8	5408100.7
T8100.0	505091.5	5408100.7	8749.40039	307.05	102.63	48.825865	-86.930631	56088.04	56251.7	-1.69	56086.35	56086.35156	56078.88108	56078.88281	505091.5	5408100.7
T8100.0	505091.8	5408100.7	8749.50000	307.50	103.69	48.825865	-86.930626	56088.29	56251.7	-1.69	56086.60	56086.60156	56078.04681	56078.04688	505091.8	5408100.7
T8100.0	505092.5	5408100.7	8749.59961	305.74	104.43	48.825865	-86.930617	56088.57	56251.7	-1.69	56086.88	56086.87891	56078.11822	56078.11719	505092.5	5408100.7
T8100.0	505093.1	5408100.6	8749.59961	305.74	104.43	48.825865	-86.930610	56088.98	56251.7	-1.69	56087.29	56087.28906	56081.98286	56081.98438	505093.1	5408100.6
T8100.0	505093.7	5408100.6	8749.79981	307.67	109.69	48.825865	-86.930601	56089.34	56251.7	-1.69	56087.65	56087.64844	56084.58572	56084.58594	505093.7	5408100.6
T8100.0	505094.1	5408100.6	8749.90039	307.00	108.84	48.825865	-86.930596	56089.73	56251.7	-1.69	56088.04	56088.03906	56088.21824	56088.21875	505094.1	5408100.6
T8100.0	505094.6	5408100.6	8750.00000	308.44	108.84	48.825865	-86.930588	56090.04	56251.7	-1.69	56088.35	56088.35156	56089.72165	56089.72266	505094.6	5408100.6
T8100.0	505094.6	5408100.6	8750.09961	307.76	109.7	48.825865	-86.930588	56090.26	56251.7	-1.69	56088.57	56088.57031	56088.77313	56088.77344	505094.6	5408100.6
T8100.0	505095.3	5408100.6	8750.20020	307.09	108.31	48.825865	-86.930578	56090.49	56251.7	-1.69	56088.80	56088.80078	56088.26728	56088.26563	505095.3	5408100.6
T8100.0	505095.9	5408100.6	8750.40039	306.96	108.31	48.825865	-86.930571	56090.70	56251.7	-1.69	56089.01	56089.01172	56087.32683	56087.32813	505095.9	5408100.6
T8100.0	505096.5	5408100.6	8750.50000	307.29	105.94	48.825864	-86.930562	56090.92	56251.7	-1.69	56089.23	56089.23047	56086.83169	56086.83203	505096.5	5408100.6
T8100.0	505097.0	5408100.6	8750.59961	306.25	108.52	48.825864	-86.930556	56091.10	56251.7	-1.70	56089.41	56089.41016	56085.28386	56085.28516	505097.0	5408100.6
T8100.0	505097.6	5408100.6	8750.70020	306.56	108.52	48.825864	-86.930547	56091.33	56251.7	-1.70	56089.63	56089.62891	56085.06647	56085.06641	505097.6	5408100.6
T8100.0	505097.6	5408100.6	8750.79981	306.47	105.1	48.825864	-86.930547	56091.43	56251.7	-1.70	56089.73	56089.73047	56085.43089	56085.42969	505097.6	5408100.6
T8100.0	505098.5	5408100.6	8750.90039	307.31	105.98	48.825864	-86.930535	56091.73	56251.7	-1.70	56090.03	56090.03125	56086.39915	56086.39844	505098.5	5408100.6
T8100.0	505098.5	5408100.6	8751.00000	308.03	110.15	48.825864	-86.930535	56091.96	56251.7	-1.70	56090.26	56090.26172	56086.43430	56086.43359	505098.5	5408100.6
T8100.0	505099.3	5408100.5	8751.09961	307.54	102.97	48.825864	-86.930525	56092.17	56251.7	-1.70	56090.47	56090.46875	56086.20990	56086.21094	505099.3	5408100.5
T8100.0	505099.8	5408100.5	8751.20020	307.67	102.97	48.825864	-86.930518	56092.34	56251.7	-1.70	56090.64	56090.64063	56085.44042	56085.44141	505099.8	5408100.5
T8100.0	505100.3	5408100.5	8751.29981	309.89	111.94	48.825864	-86.930512	56092.57	56251.7	-1.70	56090.87	56090.87109	56085.52920	56085.52734	505100.3	5408100.5
T8100.0	505100.3	5408100.5	8751.40039	312.41	112.45	48.825864	-86.930512	56092.72	56251.7	-1.70	56091.02	56091.01953	56084.50407	56084.50391	505100.3	5408100.5
T8100.0	505100.8	5408100.5	8751.50000	311.39	112.45	48.825864	-86.930504	56092.93	56251.7	-1.70	56091.23	56091.23047	56084.35134	56084.35156	505100.8	5408100.5
T8100.0	505101.4	5408100.5	8751.50000	311.39	112.6	48.825864	-86.930496	56093.18	56251.7	-1.70	56091.48	56091.48047	56084.80010	56084.80078	505101.4	5408100.5
T8100.0	505102.0	5408100.5	8751.59961	308.40	112.54	48.825863	-86.930488	56093.41	56251.7	-1.70	56091.71	56091.71094	56084.99228	56084.99219	505102.0	5408100.5
T8100.0	505102.5	5408100.5	8751.79981	310.36	112.61	48.825863	-86.930481	56093.66	56251.7	-1.70	56091.96	56091.96094	56085.50193	56085.50000	505102.5	5408100.5
T8100.0	505102.8	5408100.5	8751.90039	309.78	112.2	48.825863	-86.930476	56093.88	56251.7	-1.70	56092.18	56092.17969	56085.60376	56085.60547	505102.8	5408100.5
T8100.0	505102.8	5408100.5	8752.00000	307.72	112.2	48.825863	-86.930476	56094.12	56251.7	-1.70	56092.42	56092.42188	56086.01588	56086.01563	505102.8	5408100.5
T8100.0	505103.5	5408100.5	8752.09961	307.66	111.66	48.825863	-86.930467	56094.36	56251.7	-1.70	56092.66	56092.66016	56086.44548	56086.44531	505103.5	5408100.5
T8100.0	505104.0	5408100.5	8752.20020	307.44	111.66	48.825864	-86.930460	56094.57	56251.7	-1.70	56092.87	56092.87109	56086.45553	56086.45703	505104.0	5408100.5
T8100.0	505104.7	5408100.5	8752.29981	308.16	111.34	48.825864	-86.930451	56094.80	56251.7	-1.70	56093.10	56093.10156	56086.76600	56086.76563	505104.7	5408100.5
T8100.0	505104.7	5408100.5	8752.40039	309.89	110.57	48.825864	-86.930451	56095.05	56251.7	-1.70	56093.36	56093.35938	56087.52111	56087.51953	505104.7	5408100.5
T8100.0	505105.3	5408100.6	8752.50000	308.74	110.57	48.825864	-86.930443	56095.24	56251.7	-1.69	56093.55	56093.55078	56087.26758	56087.26953	505105.3	5408100.6
T8100.0	505105.9	5408100.6	8752.59961	308.60	108.35	48.825865	-86.930435	56095.43	56251.7	-1.69	56093.74	56093.73828	56087.01417	56087.01563	505105.9	5408100.6
T8100.0	505106.2	5408100.6	8752.70020	308.33	109.09	48.825865	-86.930430	56095.63	56251.7	-1.69	56093.94	56093.94141	56086.90338	56086.90234	505106.2	5408100.6
T8100.0	505106.7	5408100.7	8752.79981	306.85	109.59	48.825865	-86.930423	56095.81	56251.7	-1.69	56094.12	56094.12109	56086.49184	56086.49219	505106.7	5408100.7
T8100.0	505107.4	5408100.7	8752.90039	306.19	108.76	48.825865	-86.930414	56096.04	56251.7	-1.69	56094.34	56094.33984	56086.66055	56086.66016	505107.4	5408100.7
T8100.0	505107.4	5408100.7	8753.00000	305.63	108.76	48.825865	-86.930414	56096.22	56251.7	-1.69	56094.53	56094.53125	56086.37262	56086.37109	505107.4	5408100.7
T8100.0	505108.0	5408100.7	8753.09961	305.14	110.4	48.825866	-86.930405	56096.46	56251.7	-1.69	56094.77	56094.76953	56086.82384	56086.82422	505108.0	5408100.7
T8100.0	505108.6	5408100.8	8753.20020	305.46	110.4	48.825866	-86.930398	56096.62	56251.7	-1.69	56094.92	56094.92188	56085.89161	56085.89063	505108.6	5408100.8
T8100.0	505109.1	5408100.8	8753.29981	307.43	110.07	48.825866	-86.930392	56096.87	56251.7	-1.69	56095.17	56095.17188	56086.47563	56086.47656	505109.1	5408100.8
T8100.0	505109.6	5408100.8	8753.40039	308.37	110.71	48.825867	-86.930384	56097.07	56251.7	-1.69	56095.38	56095.37891	56086.43051	56086.42969	505109.6	5408100.8
T8100.0	505109.6	5408100.8	8753.50000	310.53	110.73	48.825867	-86.930384	56097.30	56251.7	-1.69	56095.61	56095.60938	56086.69265	56086.69141	505109.6	5408100.8
T8100.0	505110.2	5408100.9	8753.50000	310.53	110.73	48.825867	-86.930375	56097.53	56251.7	-1.69	56095.83	56095.82813	56086.78941	56086.78906	505110.2	5408100.9
T8100.0	505110.8	5408100.9	8753.59961	310.30	108.31	48.825867	-86.930368	56097.78	56251.7	-1.70	56096.09	56096.08984	56087.55143	56087.55078	505110.8	5408100.9
T8100.0	505111.3	5408100.9	8753.79981	311.96	107.42	48.825867	-86.930361	56097.98	56251.7	-1.70	56096.28	56096.28125	56087.14626	56087.14453	505111.3	5408100.9
T8100.0	505111.9	5408100.9	8753.90039	312.25	107.42	48.825867	-86.930353	56098.21	56251.7	-1.70	56096.52	56096.51953	56087.59472	56087.59375	505111.9	5408100.9
T8100.0	505112.4	5408100.9	8754.00000	311.52	108.03	48.825868	-86.930346	56098.44	56251.7	-1.70	56096.74	56096.73828	56087.71100	56087.71094	505112.4	5408100.9
T8100.0	505112.4	5408100.9	8754.09961	311.33	109.73	48.825868	-86.930346	56098.66	56251.7	-1.70	56096.96	56096.96094	56087.84107	56087.83984	505112.4	5408100.9
T8100.0	505113.3	5408101.0	8754.20020	312.30	109.73	48.825868	-86.930333	56098.91	56251.7	-1.70	56097.21	56097.21094	56088.54251	56088.54297	505113.3	5408101.0
T8100.0	505113.3	5408101.0	8754.29981	312.23	109.89	48.825868	-86.930333	56099.15	56251.7	-1.70	56097.45	56097.44922	56089.09853	56089.09766	505113.3	5408101.0
T8100.0	505113.9	5408101.0	8754.40039	312.08	109.71	48.825868	-86.930326	56099.35	56251.7	-1.70	56097.65	56097.64844	56088.93060	56088.92969	505113.9	5408101.0
T8100.0	505114.5	5408101.0	8754.50000	312.64	110.43	48.825868	-86.930318	56099.55	56251.7	-1.70	56097.85	56097.85156	56088.78212	56088.78125	505114.5	5408101.0
T8100.0	505115.0	5408101.0	8754.59961	312.22	110.43	48.825868	-86.930310	56099.78	56251.7	-1.70	56098.08	56098.07813	56089.24872	56089.25000	505115.0	5408101.0
T8100.0	505115.5	5408101.0	8754.70020	312.85	110.41	48.825868	-86.930304	56100.01	56251.7	-1.70	56098.31	56098.30859	56089.76056	56089.76172	505115.5	5408101.0
T8100.0	505116.0	5408101.0	8754.79981	313.08	110.41	48.825868	-86.930296	56100.23	56251.7	-1.70	56098.53	56098.53125	56090.11735	56090.11719	505116.0	5408101.0
T8100.0	505116.5	5408101.0	8754.90039	314.08	109.2	48.825868	-86.930290	56100.46	56251.7	-1.70	56098.76	56098.76172	56090.72172	56090.72266	505116.5	5408101.0
T8100.0	505116.5	5408101.0	8755.00000	313.00	108.61	48.825868	-86.930290	56100.69	56251.7	-1.70	56098.99	56098.98828	56091.37660	56091.37500	505116.5	5408101.0
T8100.0	505117.2	5408101.0	8755.09961	313.19	108.61	48.825868	-86.930281	56100.92	56251.7	-1.70	56099.22	56099.21875	56092.08365	56092.08203	505117.2	5408101.0
T8100.0	505117.5	5408101.0	8755.20020	313.37	110.25	48.825868	-86.930276	56101.16	56251.7	-1.70	56099.46	56099.46094	56093.05431	56093.05469	505117.5	5408101.0
T8100.0	505118.0	5408101.1	8755.29981	313.19	108.75	48.825869	-86.930270	56101.30	56251.7	-1.70	56099.60	56099.60156	56091.98534	56091.98438	505118.0	5408101.1
T8100.0	505118.5	5408101.1	8755.40039	314.87	108.75	48.825869	-86.930263	56101.57	56251.7	-1.70	56099.87	56099.87109	56093.70329	56093.70313	505118.5	5408101.1
T8100.0	505119.1	5408101.1	8755.50000	313.52	108.67	48.825869	-86.930255	56101.76	56251.7	-1.70	56100.06	56100.05859	56093.79684	56093.79688	505119.1	5408101.1
T8100.0	505119.5	5408101.1	8755.50000	313.52	107.12	48.825869	-86.930249	56101.98	56251.7	-1.70	56100.28	56100.28125	56094.59216	56094.59375	505119.5	5408101.1
T8100.0	505120.2	5408101.0	8755.59961	310.12	109.05	48.825868	-86.930240	56102.16	56251.7	-1.70	56100.46	56100.46094	56094.60226	56094.60156	505120.2	5408101.0
T8100.0	505120.2	5408101.0	8755.79981	308.95	109.05	48.825868	-86.930240	56102.36	56251.7	-1.70	56100.66	56100.66016	56095.11108	56095.10938	505120.2	5408101.0
T8100.0	505120.7	5408101.0	8755.90039	311.07	106.2	48.825868	-86.930233	56102.56	56251.7	-1.70	56100.86	56100.85938	56095.69473	56095.69531	505120.7	5408101.0
T8100.0	505121.2	5408101.0	8756.00000	310.67	106.2	48.825868	-86.930226	56102.76	56251.7	-1.70	56101.06	56101.05859	56096.35526	56096.35547	505121.2	5408101.0
T8100.0	505121.6	5408101.0	8756.09961	312.59	107.81	48.825868	-86.930220	56102.94	56251.7	-1.70	56101.24	56101.23828	56096.66581	56096.66406	505121.6	5408101.0
T8100.0	505121.6	5408101.0	8756.20020	315.32	108.71	48.825868	-86.930220	56103.17	56251.7	-1.70	56101.47	56101.46875	56098.12274	56098.12109	505121.6	5408101.0
T8100.0	505122.2	5408100.9	8756.29981	315.00	108.71	48.825867	-86.930213	56103.27	56251.7	-1.70	56101.57	56101.57031	56096.89410	56096.89453	505122.2	5408100.9
T8100.0	505122.6	5408100.9	8756.40039	314.42	108.52	48.825867	-86.930207	56103.47	56251.7	-1.70	56101.78	56101.78125	56098.08460	56098.08594	505122.6	5408100.9
T8100.0	505122.9	5408100.8	8756.50000	315.07	108.15	48.825867	-86.930203	56103.65	56251.7	-1.69	56101.96	56101.96094	56098.71894	56098.71875	505122.9	5408100.8
T8100.0	505123.2	5408100.8	8756.59961	315.35	107.78	48.825866	-86.930199	56103.77	56251.7	-1.69	56102.07	56102.07031	56097.98030	56097.98047	505123.2	5408100.8

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
T8100.0	505123.6	5408100.8	8756.70020	314.13	107.78	48.825866	-86.930193	56103.93	56251.7	-1.69	56102.23	56102.23047	56098.37140	56098.37109	505123.6	5408100.8
T8100.0	505123.9	5408100.7	8756.79981	313.47	101.97	48.825865	-86.930189	56104.06	56251.7	-1.69	56102.37	56102.37109	56098.43825	56098.43750	505123.9	5408100.7
T8100.0	505124.3	5408100.7	8756.90039	312.66	105.79	48.825865	-86.930184	56104.20	56251.7	-1.69	56102.51	56102.51172	56098.59291	56098.59375	505124.3	5408100.7
T8100.0	505124.6	5408100.6	8757.00000	309.55	105.79	48.825865	-86.930180	56104.31	56251.7	-1.69	56102.62	56102.62109	56098.23895	56098.23828	505124.6	5408100.6
T8100.0	505124.9	5408100.6	8757.09961	310.28	105.72	48.825864	-86.930175	56104.45	56251.7	-1.69	56102.76	56102.76172	56098.56649	56098.56641	505124.9	5408100.6
T8100.0	505124.9	5408100.6	8757.20020	310.95	105.62	48.825864	-86.930175	56104.59	56251.7	-1.69	56102.90	56102.89844	56098.96969	56098.96875	505124.9	5408100.6
T8100.0	505125.3	5408100.6	8757.29981	310.33	105.62	48.825864	-86.930171	56104.71	56251.7	-1.69	56103.02	56103.01953	56099.06474	56099.06641	505125.3	5408100.6
T8100.0	505125.6	5408100.5	8757.40039	312.70	104.54	48.825864	-86.930167	56104.81	56251.7	-1.69	56103.12	56103.12109	56098.86278	56098.86328	505125.6	5408100.5
T8100.0	505125.8	5408100.5	8757.50000	311.06	106.59	48.825863	-86.930163	56104.94	56251.7	-1.69	56103.25	56103.25000	56099.29191	56099.29297	505125.8	5408100.5
T8100.0	505126.2	5408100.5	8757.50000	311.06	107.76	48.825863	-86.930158	56105.12	56251.7	-1.69	56103.43	56103.42969	56100.68420	56100.68359	505126.2	5408100.5
T8100.0	505126.5	5408100.5	8757.59961	310.55	107.76	48.825863	-86.930154	56105.14	56251.7	-1.69	56103.45	56103.44922	56099.24327	56099.24219	505126.5	5408100.5
T8100.0	505126.5	5408100.5	8757.79981	308.87	105.82	48.825863	-86.930154	56105.24	56251.7	-1.69	56103.55	56103.55078	56099.30876	56099.30859	505126.5	5408100.5
T8100.0	505126.8	5408100.5	8757.90039	310.23	103.25	48.825863	-86.930150	56105.39	56251.7	-1.69	56103.70	56103.69922	56100.30317	56100.30469	505126.8	5408100.5
T8100.0	505127.0	5408100.5	8758.00000	308.57	103.25	48.825863	-86.930146	56105.42	56251.7	-1.69	56103.73	56103.73047	56099.23519	56099.23438	505127.0	5408100.5
T8100.0	505127.2	5408100.5	8758.09961	308.92	103.49	48.825863	-86.930144	56105.53	56251.7	-1.69	56103.84	56103.83984	56099.60870	56099.60938	505127.2	5408100.5
T8100.0	505127.4	5408100.5	8758.20020	309.64	98.82	48.825863	-86.930141	56105.60	56251.7	-1.69	56103.91	56103.91016	56099.31821	56099.31641	505127.4	5408100.5
T8100.0	505127.6	5408100.5	8758.29981	310.42	101.18	48.825863	-86.930139	56105.68	56251.7	-1.69	56103.99	56103.98828	56099.23450	56099.23438	505127.6	5408100.5
T8100.0	505127.7	5408100.5	8758.40039	310.54	101.18	48.825863	-86.930137	56105.72	56251.7	-1.69	56104.04	56104.03906	56098.64829	56098.64844	505127.7	5408100.5
T8100.0	505127.7	5408100.5	8758.50000	310.16	100.01	48.825863	-86.930137	56105.84	56251.7	-1.68	56104.15	56104.14844	56099.15751	56099.15625	505127.7	5408100.5
T8100.0	505127.9	5408100.5	8758.59961	310.48	100.07	48.825863	-86.930135	56105.88	56251.7	-1.68	56104.19	56104.19141	56098.43712	56098.43750	505127.9	5408100.5
T8100.0	505128.1	5408100.5	8758.70020	308.93	98.89	48.825863	-86.930133	56105.95	56251.7	-1.68	56104.27	56104.26953	56098.46416	56098.46484	505128.1	5408100.5
T8100.0	505128.2	5408100.5	8758.79981	308.91	98.89	48.825863	-86.930131	56106.08	56251.7	-1.68	56104.40	56104.39844	56099.45426	56099.45313	505128.2	5408100.5
T8100.0	505128.3	5408100.5	8758.90039	310.55	100.35	48.825863	-86.930129	56106.08	56251.7	-1.68	56104.40	56104.39844	56098.04152	56098.04297	505128.3	5408100.5
T8100.0	505128.4	5408100.5	8759.00000	310.25	100.35	48.825863	-86.930128	56106.08	56251.7	-1.68	56104.40	56104.39844	56096.61896	56096.61719	505128.4	5408100.5
T8100.0	505128.5	5408100.5	8759.09961	311.01	109.39	48.825864	-86.930127	56106.03	56251.7	-1.68	56104.35	56104.35156	56094.21743	56094.21875	505128.5	5408100.5
T8100.0	505128.6	5408100.5	8759.20020	311.12	109.52	48.825864	-86.930126	56106.08	56251.7	-1.68	56104.40	56104.39844	56093.74587	56093.74609	505128.6	5408100.5
T8100.0	505128.6	5408100.5	8759.29981	311.73	108.07	48.825864	-86.930126	56106.11	56251.7	-1.68	56104.42	56104.42188	56092.69523	56092.69531	505128.6	5408100.5
T8100.0	505128.7	5408100.6	8759.40039	314.29	100.41	48.825864	-86.930125	56106.20	56251.7	-1.68	56104.52	56104.51953	56093.24563	56093.24609	505128.7	5408100.6
T8100.0	505128.7	5408100.6	8759.50000	316.27	100.41	48.825864	-86.930123	56106.22	56251.7	-1.68	56104.54	56104.53906	56092.21644	56092.21484	505128.7	5408100.6
T8100.0	505128.7	5408100.6	8759.50000	316.27	105.65	48.825864	-86.930123	56106.25	56251.7	-1.68	56104.57	56104.57031	56091.39505	56091.39453	505128.7	5408100.6
T8100.0	505128.8	5408100.6	8759.59961	316.35	105.65	48.825865	-86.930122	56106.28	56251.7	-1.69	56104.59	56104.58984	56090.38008	56090.37891	505128.8	5408100.6
T8100.0	505128.9	5408100.7	8759.79981	314.70	112.37	48.825865	-86.930121	56106.28	56251.7	-1.69	56104.59	56104.58984	56088.96868	56088.96875	505128.9	5408100.7
T8100.0	505129.0	5408100.7	8759.90039	314.74	114.61	48.825865	-86.930119	56106.33	56251.7	-1.69	56104.64	56104.64063	56088.58544	56088.58594	505129.0	5408100.7
T8100.0	505129.2	5408100.7	8760.00000	314.56	113.86	48.825866	-86.930118	56106.38	56251.7	-1.69	56104.68	56104.67969	56088.01371	56088.01563	505129.2	5408100.7
T8100.0	505129.3	5408100.8	8760.09961	312.94	113.86	48.825866	-86.930116	56106.48	56251.7	-1.69	56104.79	56104.78906	56088.86975	56088.87109	505129.3	5408100.8
T8100.0	505129.5	5408100.8	8760.20020	311.57	113.19	48.825866	-86.930113	56106.61	56251.7	-1.69	56104.92	56104.92188	56090.12397	56090.12500	505129.5	5408100.8
T8100.0	505129.7	5408100.9	8760.29981	312.60	109.89	48.825867	-86.930110	56106.71	56251.7	-1.69	56105.02	56105.01953	56090.76331	56090.76172	505129.7	5408100.9
T8100.0	505129.9	5408100.9	8760.40039	311.88	106.08	48.825867	-86.930107	56106.73	56251.7	-1.69	56105.03	56105.03125	56089.61306	56089.61328	505129.9	5408100.9
T8100.0	505130.2	5408100.9	8760.50000	310.37	110.08	48.825868	-86.930104	56106.84	56251.7	-1.69	56105.14	56105.14063	56090.41954	56090.41797	505130.2	5408100.9
T8100.0	505130.2	5408100.9	8760.59961	310.63	110.1	48.825868	-86.930104	56106.96	56251.7	-1.70	56105.26	56105.26172	56091.37751	56091.37891	505130.2	5408100.9
T8100.0	505130.4	5408101.0	8760.70020	311.08	107.62	48.825868	-86.930100	56107.02	56251.7	-1.70	56105.32	56105.32031	56091.14290	56091.14453	505130.4	5408101.0
T8100.0	505130.7	5408101.0	8760.79981	312.48	107.62	48.825868	-86.930097	56107.14	56251.7	-1.70	56105.44	56105.44141	56091.99436	56091.99609	505130.7	5408101.0
T8100.0	505130.7	5408101.0	8760.90039	312.77	109.24	48.825868	-86.930097	56107.24	56251.7	-1.70	56105.54	56105.53906	56092.39886	56092.39844	505130.7	5408101.0
T8100.0	505131.3	5408101.0	8761.00000	314.13	109.24	48.825868	-86.930089	56107.34	56251.7	-1.70	56105.64	56105.64063	56092.72306	56092.72266	505131.3	5408101.0
T8100.0	505131.3	5408101.0	8761.09961	312.31	110.67	48.825868	-86.930089	56107.42	56251.7	-1.70	56105.72	56105.71875	56092.58942	56092.58984	505131.3	5408101.0
T8100.0	505131.6	5408101.0	8761.20020	312.10	109.08	48.825868	-86.930085	56107.57	56251.7	-1.70	56105.86	56105.85938	56093.44538	56093.44531	505131.6	5408101.0
T8100.0	505131.8	5408101.0	8761.29981	310.33	109.08	48.825868	-86.930081	56107.68	56251.7	-1.70	56105.98	56105.98047	56093.83787	56093.83594	505131.8	5408101.0
T8100.0	505132.2	5408101.0	8761.40039	308.78	108.85	48.825868	-86.930077	56107.79	56251.7	-1.70	56106.09	56106.08984	56093.95118	56093.95313	505132.2	5408101.0
T8100.0	505132.5	5408101.0	8761.50000	307.32	108.56	48.825868	-86.930073	56107.90	56251.7	-1.71	56106.19	56106.19141	56093.78494	56093.78516	505132.5	5408101.0
T8100.0	505132.8	5408101.0	8761.50000	307.32	108.56	48.825868	-86.930068	56107.97	56251.7	-1.71	56106.27	56106.26953	56093.15141	56093.15234	505132.8	5408101.0
T8100.0	505133.0	5408101.0	8761.59961	308.49	108.03	48.825868	-86.930065	56108.15	56251.7	-1.71	56106.44	56106.44141	56094.08958	56094.08984	505133.0	5408101.0
T8100.0	505133.4	5408101.0	8761.79981	308.14	110.25	48.825868	-86.930060	56108.26	56251.7	-1.71	56106.55	56106.55078	56093.82420	56093.82422	505133.4	5408101.0
T8100.0	505133.4	5408101.0	8761.90039	309.63	110.86	48.825868	-86.930060	56108.38	56251.7	-1.71	56106.67	56106.67188	56093.65666	56093.65625	505133.4	5408101.0
T8100.0	505133.9	5408101.0	8762.00000	311.86	110.86	48.825868	-86.930053	56108.53	56251.7	-1.71	56106.82	56106.82031	56093.99016	56093.98828	505133.9	5408101.0
T8100.0	505134.3	5408101.0	8762.09961	312.41	110.49	48.825868	-86.930048	56108.66	56251.7	-1.71	56106.95	56106.94922	56093.86033	56093.85938	505134.3	5408101.0
T8100.0	505134.7	5408101.0	8762.20020	309.57	102.83	48.825868	-86.930042	56108.76	56251.7	-1.71	56107.05	56107.05078	56093.04340	56093.04297	505134.7	5408101.0
T8100.0	505135.0	5408101.0	8762.29981	310.66	102.83	48.825868	-86.930038	56108.86	56251.7	-1.70	56107.15	56107.14844	56092.12718	56092.12891	505135.0	5408101.0
T8100.0	505135.3	5408101.0	8762.40039	314.37	101.66	48.825868	-86.930034	56109.06	56251.7	-1.70	56107.35	56107.35156	56093.22239	56093.22266	505135.3	5408101.0
T8100.0	505135.7	5408101.0	8762.50000	316.05	101.76	48.825868	-86.930028	56109.21	56251.7	-1.70	56107.51	56107.51172	56093.44229	56093.44141	505135.7	5408101.0
T8100.0	505136.1	5408101.0	8762.59961	317.85	101.76	48.825868	-86.930024	56109.34	56251.7	-1.70	56107.65	56107.64844	56093.18068	56093.17969	505136.1	5408101.0
T8100.0	505136.5	5408101.0	8762.70020	318.13	109.14	48.825868	-86.930018	56109.46	56251.7	-1.70	56107.77	56107.76953	56092.41943	56092.41797	505136.5	5408101.0
T8100.0	505136.5	5408101.0	8762.79981	318.97	110.14	48.825868	-86.930018	56109.64	56251.7	-1.69	56107.95	56107.94922	56092.94289	56092.94141	505136.5	5408101.0
T8100.0	505136.9	5408101.0	8762.90039	317.34	109.36	48.825868	-86.930012	56109.82	56251.7	-1.69	56108.13	56108.12891	56093.44187	56093.44141	505136.9	5408101.0
T8100.0	505137.5	5408101.1	8763.00000	317.16	109.36	48.825868	-86.930005	56109.92	56251.7	-1.69	56108.23	56108.23047	56092.07961	56092.07813	505137.5	5408101.1
T8100.0	505137.9	5408101.1	8763.09961	316.33	109.99	48.825869	-86.929998	56110.13	56251.7	-1.69	56108.44	56108.44141	56093.21370	56093.21484	505137.9	5408101.1
T8100.0	505137.9	5408101.1	8763.20020	317.38	113.1	48.825869	-86.929998	56110.25	56251.7	-1.69	56108.56	56108.55859	56092.24351	56092.24219	505137.9	5408101.1
T8100.0	505138.6	5408101.1	8763.29981	316.21	113.1	48.825869	-86.929989	56110.38	56251.7	-1.69	56108.70	56108.69922	56091.71173	56091.71094	505138.6	5408101.1
T8100.0	505139.2	5408101.2	8763.40039	316.14	113.15	48.825869	-86.929981	56110.61	56251.7	-1.69	56108.92	56108.92188	56093.02432	56093.02344	505139.2	5408101.2
T8100.0	505139.8	5408101.2	8763.50000	316.83	111.29	48.825870	-86.929972	56110.70	56251.7	-1.68	56109.02	56109.01953	56091.53159	56091.53125	505139.8	5408101.2
T8100.0	505140.4	5408101.2	8763.50000	316.83	111.29	48.825870	-86.929964	56110.93	56251.7	-1.68	56109.25	56109.25000	56093.03921	56093.03906	505140.4	5408101.2
T8100.0	505140.4	5408101.2	8763.59961	317.36	111.64	48.825870	-86.929964	56111.07	56251.7	-1.68	56109.38	56109.37891	56092.22497	56092.22656	505140.4	5408101.2
T8100.0	505141.0	5408101.3	8763.79981	318.38	111.51	48.825870	-86.929956	56111.26	56251.7	-1.68	56109.58	56109.57813	56092.99780	56092.99609	505141.0	5408101.3
T8100.0	505141.7	5408101.3	8763.90039	318.30	111.51	48.825870	-86.929947	56111.46	56251.7	-1.68	56109.78	56109.78125	56093.73823	56093.73828	505141.7	5408101.3
T8100.0	505141.7	5408101.3	8764.00000	318.24	108.78	48.825870	-86.929947	56111.62	56251.7	-1.68	56109.94	56109.94141	56093.55844	56093.55859	505141.7	5408101.3
T8100.0	505142.3	5408101.3	8764.09961	314.99	109.84	48.825870	-86.929939	56111.81	56251.7	-1.68	56110.13	56110.12891	56094.01040	56094.01172	505142.3	5408101.3
T8100.0	505143.0	5408101.3	8764.20020	313.58	111.13	48.825871	-86.929929	56112.02	56251.7	-1.68	56110.34	56110.33984	56094.84548	56094.84375	505143.0	5408101.3
T8100.0	505143.6	5408101.3	8764.29981	312.52	110.86	48.825871	-86.929920	56112.28	56251.7	-1.68	56110.59	56110.58984	56096.46083	56096.46094	505143.6	5408101.3
T8100.0	505144.4	5408101.3	8764.40039	312.63	110.86	48.825871	-86.929910	56112.42	56251.7	-1.68	56110.73	56110.73047	56095.70412	56095.70313	505144.4	5408101.3
T8100.0	505144.9	5408101.3	8764.50000	312.68	110.86	48.825871	-86.929903	56112.63	56251.7	-1.68	56110.95	56110.94922	56096.55644	56096.55469	505144.9	5408101.3
T8100.0	505144.9	5408101.3	8764.59961	312.15	109.83	48.825871	-86.929903	56112.84	56251.7	-1.69	56111.15	56111.14844	56096.92708	56096.92578	505144.9	5408101.3
T8100.0	505145.6	5408101.3	8764.70020	311.23	109.95	48.825870	-86.929894	56113.03	56251.7	-1.69	56111.34	56111.33984	56097.02465	56097.02344	505145.6	5408101.3
T8100.0	505146.3	5408101.3	8764.79981	310.77	108.99	48.825870	-86.929885	56113.28	56251.7	-1.69	56111.59	56111.58984	56098.23408	56098.23438	505146.3	5408101.3
T8100.0	505147.0	5408101.3	8764.90039	311.50	108.99	48.825870	-86.929875	56113.44	56251.7	-1.69	56111.75	56111.75000	56097.57912	56097.57813	505147.0	5408101.3
T8100.0	505147.7	5408101.3	8765.00000	310.93	108.7	48.825870	-86.929865	56113.69	56251.7	-1.69	56112.00	56112.00000	56098.62552	56098.62500	505147.7	5408101.3
T8100.0	505147.7	5408101.3	8765.09961	310.04	108.45	48.825870	-86.929865	56113.89	56251.7	-1.69	56112.20	56112.19922	56098.61380	56098.61328	505147.7	5408101.3
T8100.0	505148.4	5408101.3	8765.20020	310.48	109.32	48.825870	-86.929855	56114.07	56251.7	-1.68	56112.38	56112.37891	56098.13734	56098.13672	505148.4	5408101.3
T8100.0	505149.2	5408101.3	8765.29981	311.32	109.32	48.825870	-86.929845	56114.30	56251.7	-1.68	56112.62	56112.62109	56098.77884	56098.77734	505149.2	5408101.3
T8100.0	505149.7	5408101.3	8765.40039	310.44	109.32	48.825870	-86.929838	56114.55	56251.7	-1.68	56112.87	56112.87109	56099.56433	56099.56250	505149.7	5408101.3
T8100.0	505150.6	5408101.2	8765.50000	311.66	107.12	48.825870	-86.929826	56114.73	56251.7	-1.68	56113.05	56113.05078	56098.90062	56098.90234	505150.6	5408101.2
T8100.0	505151.1	5408101.2	8765.50000	311.66	110.29	48.825870	-86.929819	56114.93	56251.7	-1.68	56113.26	56113.26172	56098.78477	56098.78516	505151.1	5408101.2
T8100.0	505151.9	5408101.2	8765.59961	312.67	110.29	48.825870	-86.929808	56115.18	56251.7	-1.67	56113.51	56113.51172	56099.43903	56099.43750	505151.9	5408101.2
T8100.0	505152.7	5408101.2	8765.79981	317.30	110.41	48.825870	-86.929797	56115.39	56251.7	-1.67	56113.72	56113.71875	56099.24465	56099.24609	505152.7	5408101.2
T8100.0	505153.4	5408101.2	8765.90039	315.96	109.88	48.825870	-86.929788	56115.67	56251.7	-1.66	56114.00	56114.00000	56100.46423	56100.46484	505153.4	5408101.2

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
T8100.0	505154.0	5408101.2	8766.00000	316.21	109.88	48.825870	-86.929779	56115.79	56251.7	-1.66	56114.13	56114.12891	56098.54931	56098.55078	505154.0	5408101.2
T8100.0	505154.9	5408101.2	8766.09961	314.75	106	48.825870	-86.929768	56116.05	56251.7	-1.66	56114.39	56114.39063	56099.31489	56099.31641	505154.9	5408101.2
T8100.0	505154.9	5408101.2	8766.20020	314.67	101.89	48.825870	-86.929768	56116.29	56251.7	-1.66	56114.63	56114.62891	56099.65131	56099.65234	505154.9	5408101.2
T8100.0	505155.6	5408101.2	8766.29981	314.98	103.17	48.825870	-86.929757	56116.50	56251.7	-1.66	56114.83	56114.82813	56099.13456	56099.13281	505155.6	5408101.2
T8100.0	505156.6	5408101.2	8766.40039	316.45	104.04	48.825870	-86.929744	56116.80	56251.7	-1.66	56115.14	56115.14063	56100.93047	56100.92969	505156.6	5408101.2
T8100.0	505157.6	5408101.2	8766.50000	316.78	104.04	48.825870	-86.929731	56116.93	56251.7	-1.67	56115.26	56115.26172	56098.71692	56098.71875	505157.6	5408101.2
T8100.0	505157.6	5408101.2	8766.59961	317.84	106.41	48.825870	-86.929731	56117.23	56251.7	-1.67	56115.57	56115.57031	56100.50858	56100.50781	505157.6	5408101.2
T8100.0	505158.5	5408101.2	8766.70020	317.40	106.41	48.825870	-86.929718	56117.41	56251.7	-1.67	56115.74	56115.73828	56099.36706	56099.36719	505158.5	5408101.2
T8100.0	505159.4	5408101.2	8766.79981	314.83	104.68	48.825870	-86.929706	56117.71	56251.7	-1.67	56116.05	56116.05078	56101.14962	56101.14844	505159.4	5408101.2
T8100.0	505160.1	5408101.3	8766.90039	314.67	107.94	48.825870	-86.929696	56117.99	56251.7	-1.67	56116.32	56116.32031	56102.08879	56102.08984	505160.1	5408101.3
T8100.0	505160.8	5408101.3	8767.00000	313.05	105.54	48.825870	-86.929687	56118.21	56251.7	-1.67	56116.54	56116.53906	56102.00485	56102.00391	505160.8	5408101.3
T8100.0	505161.7	5408101.3	8767.09961	312.38	105.54	48.825870	-86.929675	56118.45	56251.7	-1.67	56116.78	56116.78125	56102.32985	56102.32813	505161.7	5408101.3
T8100.0	505162.6	5408101.3	8767.20020	312.30	101.71	48.825870	-86.929662	56118.74	56251.7	-1.67	56117.08	56117.07813	56103.82690	56103.82813	505162.6	5408101.3
T8100.0	505162.6	5408101.3	8767.29981	312.13	104.36	48.825870	-86.929662	56118.98	56251.7	-1.66	56117.32	56117.32031	56104.12059	56104.12109	505162.6	5408101.3
T8100.0	505163.7	5408101.3	8767.40039	309.63	104.36	48.825870	-86.929647	56119.25	56251.7	-1.66	56117.59	56117.58984	56104.96546	56104.96484	505163.7	5408101.3
T8100.0	505164.6	5408101.3	8767.50000	308.99	106.38	48.825870	-86.929634	56119.54	56251.7	-1.66	56117.88	56117.87891	56106.13812	56106.13672	505164.6	5408101.3
T8100.0	505165.6	5408101.3	8767.50000	308.99	107.58	48.825870	-86.929621	56119.81	56251.7	-1.66	56118.15	56118.14844	56106.88428	56106.88281	505165.6	5408101.3
T8100.0	505166.4	5408101.2	8767.59961	308.18	109.9	48.825870	-86.929610	56120.02	56251.7	-1.66	56118.36	56118.35938	56106.50447	56106.50391	505166.4	5408101.2
T8100.0	505167.4	5408101.2	8767.79981	310.84	109.9	48.825870	-86.929597	56120.32	56251.7	-1.65	56118.67	56118.67188	56107.84943	56107.84766	505167.4	5408101.2
T8100.0	505168.3	5408101.2	8767.90039	310.33	106.1	48.825870	-86.929584	56120.57	56251.7	-1.65	56118.92	56118.92188	56108.07040	56108.07031	505168.3	5408101.2
T8100.0	505168.3	5408101.2	8768.00000	309.67	105.35	48.825870	-86.929584	56120.85	56251.7	-1.65	56119.20	56119.19922	56108.74506	56108.74609	505168.3	5408101.2
T8100.0	505169.3	5408101.2	8768.09961	309.01	105.35	48.825870	-86.929571	56121.13	56251.7	-1.65	56119.47	56119.46875	56109.17941	56109.17969	505169.3	5408101.2
T8100.0	505170.1	5408101.2	8768.20020	307.62	105.68	48.825870	-86.929560	56121.31	56251.7	-1.65	56119.66	56119.66016	56108.18757	56108.18750	505170.1	5408101.2
T8100.0	505171.3	5408101.2	8768.29981	306.35	107.99	48.825869	-86.929544	56121.61	56251.7	-1.65	56119.95	56119.94922	56108.83252	56108.83203	505171.3	5408101.2
T8100.0	505171.3	5408101.2	8768.40039	307.37	108.28	48.825869	-86.929544	56121.89	56251.7	-1.65	56120.24	56120.23828	56109.41440	56109.41406	505171.3	5408101.2
T8100.0	505172.2	5408101.2	8768.50000	308.10	106.71	48.825869	-86.929532	56122.14	56251.7	-1.65	56120.49	56120.48828	56109.25111	56109.25000	505172.2	5408101.2
T8100.0	505173.8	5408101.2	8768.59961	309.24	106.71	48.825869	-86.929509	56122.42	56251.7	-1.66	56120.76	56120.76172	56109.37208	56109.37109	505173.8	5408101.2
T8100.0	505173.8	5408101.2	8768.70020	308.85	107.29	48.825869	-86.929509	56122.62	56251.7	-1.66	56120.96	56120.96094	56108.20674	56108.20703	505173.8	5408101.2
T8100.0	505175.0	5408101.2	8768.79981	309.22	109.29	48.825869	-86.929493	56122.95	56251.7	-1.66	56121.29	56121.28906	56109.27624	56109.27734	505175.0	5408101.2
T8100.0	505176.0	5408101.1	8768.90039	309.95	107.93	48.825869	-86.929479	56123.20	56251.7	-1.66	56121.54	56121.53906	56108.88020	56108.87891	505176.0	5408101.1
T8100.0	505177.0	5408101.1	8769.00000	309.93	107.93	48.825869	-86.929465	56123.48	56251.7	-1.66	56121.82	56121.82031	56108.98222	56108.98047	505177.0	5408101.1
T8100.0	505178.1	5408101.1	8769.09961	311.68	107.91	48.825869	-86.929451	56123.79	56251.7	-1.66	56122.12	56122.12109	56109.42599	56109.42578	505178.1	5408101.1
T8100.0	505178.1	5408101.1	8769.20020	311.17	102.52	48.825869	-86.929451	56124.03	56251.7	-1.66	56122.37	56122.37109	56108.90369	56108.90234	505178.1	5408101.1
T8100.0	505179.2	5408101.1	8769.29981	312.42	107.45	48.825868	-86.929437	56124.34	56251.7	-1.66	56122.68	56122.67969	56109.49881	56109.50000	505179.2	5408101.1
T8100.0	505180.1	5408101.1	8769.40039	314.05	107.29	48.825868	-86.929424	56124.56	56251.7	-1.66	56122.90	56122.89844	56108.33031	56108.33203	505180.1	5408101.1
T8100.0	505181.3	5408101.1	8769.50000	314.34	107.29	48.825868	-86.929408	56124.87	56251.7	-1.67	56123.20	56123.19922	56108.70416	56108.70313	505181.3	5408101.1
T8100.0	505182.1	5408101.1	8769.50000	314.34	93.3	48.825868	-86.929396	56125.16	56251.7	-1.67	56123.50	56123.50000	56109.08145	56109.08203	505182.1	5408101.1
T8100.0	505182.1	5408101.1	8769.59961	315.82	96.28	48.825868	-86.929396	56125.45	56251.7	-1.67	56123.78	56123.78125	56109.06066	56109.06250	505182.1	5408101.1
T8100.0	505183.7	5408101.1	8769.79981	314.49	98.55	48.825868	-86.929374	56125.70	56251.7	-1.67	56124.04	56124.03906	56108.63424	56108.63281	505183.7	5408101.1
T8100.0	505185.0	5408101.1	8769.90039	314.89	98.55	48.825868	-86.929356	56126.01	56251.7	-1.67	56124.34	56124.33984	56109.02844	56109.02734	505185.0	5408101.1
T8100.0	505185.0	5408101.1	8770.00000	314.47	104.95	48.825868	-86.929356	56126.34	56251.7	-1.67	56124.67	56124.67188	56110.05032	56110.05078	505185.0	5408101.1
T8100.0	505186.1	5408101.1	8770.09961	313.87	103.87	48.825868	-86.929341	56126.58	56251.7	-1.67	56124.91	56124.91016	56109.24149	56109.24219	505186.1	5408101.1
T8100.0	505187.4	5408101.1	8770.20020	314.43	100.88	48.825868	-86.929324	56126.88	56251.7	-1.67	56125.21	56125.21094	56109.67846	56109.67969	505187.4	5408101.1
T8100.0	505188.4	5408101.1	8770.29981	312.36	100.88	48.825868	-86.929311	56127.20	56251.7	-1.66	56125.53	56125.53125	56110.53546	56110.53516	505188.4	5408101.1
T8100.0	505188.4	5408101.1	8770.40039	311.14	104.27	48.825868	-86.929311	56127.46	56251.7	-1.66	56125.80	56125.80078	56110.39336	56110.39453	505188.4	5408101.1
T8100.0	505189.5	5408101.1	8770.50000	312.16	104.27	48.825868	-86.929295	56127.83	56251.7	-1.66	56126.17	56126.17188	56112.25518	56112.25391	505189.5	5408101.1
T8100.0	505190.7	5408101.1	8770.59961	313.39	96.85	48.825868	-86.929279	56128.03	56251.7	-1.66	56126.37	56126.37109	56110.76156	56110.76172	505190.7	5408101.1
T8100.0	505191.8	5408101.1	8770.70020	314.23	99.2	48.825868	-86.929264	56128.46	56251.7	-1.66	56126.81	56126.80859	56113.94223	56113.94141	505191.8	5408101.1
T8100.0	505192.6	5408101.1	8770.79981	315.30	103.3	48.825868	-86.929254	56128.69	56251.7	-1.65	56127.04	56127.03906	56113.05918	56113.05859	505192.6	5408101.1
T8100.0	505193.9	5408101.1	8770.90039	312.42	103.3	48.825868	-86.929236	56129.07	56251.7	-1.65	56127.42	56127.42188	56114.98999	56114.98828	505193.9	5408101.1
T8100.0	505195.0	5408101.1	8771.00000	310.15	103.3	48.825868	-86.929221	56129.32	56251.7	-1.65	56127.67	56127.67188	56114.48219	56114.48047	505195.0	5408101.1
T8100.0	505195.0	5408101.1	8771.09961	311.44	101.64	48.825868	-86.929221	56129.72	56251.7	-1.65	56128.07	56128.07031	56116.65169	56116.65234	505195.0	5408101.1
T8100.0	505196.1	5408101.1	8771.20020	310.80	89.74	48.825868	-86.929206	56129.93	56251.7	-1.66	56128.28	56128.28125	56115.40655	56115.40625	505196.1	5408101.1
T8100.0	505197.3	5408101.1	8771.29981	309.46	89.74	48.825868	-86.929190	56130.33	56251.7	-1.66	56128.67	56128.67188	56117.26742	56117.26563	505197.3	5408101.1
T8100.0	505198.6	5408101.0	8771.40039	309.40	93.35	48.825868	-86.929172	56130.59	56251.7	-1.67	56128.93	56128.92969	56116.84657	56116.84766	505198.6	5408101.0
T8100.0	505198.6	5408101.0	8771.50000	308.43	104.36	48.825868	-86.929172	56130.99	56251.7	-1.67	56129.32	56129.32031	56118.55507	56118.55469	505198.6	5408101.0
T8100.0	505199.7	5408101.0	8771.50000	308.43	104.47	48.825868	-86.929156	56131.27	56251.7	-1.67	56129.60	56129.60156	56118.37606	56118.37500	505199.7	5408101.0
T8100.0	505200.9	5408101.0	8771.59961	309.43	103.55	48.825868	-86.929141	56131.65	56251.7	-1.67	56129.98	56129.98047	56119.76747	56119.76563	505200.9	5408101.0
T8100.0	505201.6	5408101.0	8771.79981	309.19	103.55	48.825867	-86.929130	56131.90	56251.7	-1.68	56130.22	56130.21875	56118.83392	56118.83203	505201.6	5408101.0
T8100.0	505203.0	5408101.0	8771.90039	307.71	100.78	48.825867	-86.929111	56132.25	56251.7	-1.69	56130.56	56130.55859	56119.44589	56119.44531	505203.0	5408101.0
T8100.0	505203.0	5408101.0	8772.00000	306.45	100.47	48.825867	-86.929111	56132.56	56251.7	-1.69	56130.87	56130.87109	56119.51348	56119.51172	505203.0	5408101.0
T8100.0	505204.6	5408101.0	8772.09961	305.54	100.47	48.825867	-86.929090	56132.94	56251.7	-1.69	56131.25	56131.25000	56120.63629	56120.63672	505204.6	5408101.0
T8100.0	505205.3	5408101.0	8772.20020	306.34	100.76	48.825867	-86.929080	56133.21	56251.7	-1.68	56131.53	56131.53125	56120.10406	56120.10547	505205.3	5408101.0
T8100.0	505206.3	5408101.0	8772.29981	307.66	100.78	48.825867	-86.929066	56133.62	56251.7	-1.68	56131.94	56131.94141	56121.60442	56121.60547	505206.3	5408101.0
T8100.0	505207.5	5408101.0	8772.40039	307.86	100.78	48.825867	-86.929050	56133.88	56251.7	-1.68	56132.20	56132.19922	56120.63683	56120.63672	505207.5	5408101.0
T8100.0	505208.7	5408101.0	8772.50000	309.88	98.04	48.825867	-86.929035	56134.28	56251.7	-1.68	56132.60	56132.60156	56121.89616	56121.89453	505208.7	5408101.0
T8100.0	505209.7	5408101.0	8772.59961	310.34	95.04	48.825867	-86.929020	56134.56	56251.7	-1.67	56132.89	56132.89063	56121.31422	56121.31250	505209.7	5408101.0
T8100.0	505209.7	5408101.0	8772.70020	308.71	95.87	48.825867	-86.929020	56134.91	56251.7	-1.67	56133.24	56133.23828	56121.68139	56121.67969	505209.7	5408101.0
T8100.0	505211.0	5408101.0	8772.79981	308.66	95.87	48.825867	-86.929002	56135.20	56251.7	-1.67	56133.53	56133.53125	56121.00837	56121.00781	505211.0	5408101.0
T8100.0	505212.5	5408101.0	8772.90039	308.84	98.13	48.825867	-86.928983	56135.62	56251.7	-1.66	56133.96	56133.96094	56122.67252	56122.67188	505212.5	5408101.0
T8100.0	505213.4	5408101.0	8773.00000	311.56	98.08	48.825867	-86.928970	56135.90	56251.7	-1.66	56134.24	56134.23828	56121.76533	56121.76563	505213.4	5408101.0
T8100.0	505214.6	5408101.0	8773.09961	314.20	98.08	48.825867	-86.928953	56136.30	56251.7	-1.66	56134.64	56134.64063	56122.89577	56122.89453	505214.6	5408101.0
T8100.0	505214.6	5408101.0	8773.20020	312.46	102.62	48.825867	-86.928953	56136.56	56251.7	-1.66	56134.90	56134.89844	56121.59145	56121.58984	505214.6	5408101.0
T8100.0	505215.9	5408101.0	8773.29981	312.86	96.84	48.825867	-86.928937	56137.02	56251.7	-1.66	56135.36	56135.35938	56123.74808	56123.75000	505215.9	5408101.0
T8100.0	505217.1	5408101.0	8773.40039	312.70	93.28	48.825867	-86.928920	56137.34	56251.7	-1.66	56135.68	56135.67969	56123.45713	56123.45703	505217.1	5408101.0
T8100.0	505218.3	5408101.0	8773.50000	312.26	93.28	48.825867	-86.928903	56137.70	56251.7	-1.65	56136.04	56136.03906	56123.85116	56123.85156	505218.3	5408101.0
T8100.0	505219.3	5408101.0	8773.50000	312.26	95.05	48.825867	-86.928889	56138.08	56251.7	-1.65	56136.42	56136.42188	56124.58169	56124.58203	505219.3	5408101.0
T8100.0	505220.4	5408101.0	8773.59961	311.52	101.08	48.825867	-86.928875	56138.42	56251.7	-1.65	56136.77	56136.76953	56124.77684	56124.77734	505220.4	5408101.0
T8100.0	505221.3	5408101.0	8773.79981	310.11	101.08	48.825867	-86.928862	56138.74	56251.7	-1.65	56137.09	56137.08984	56124.44179	56124.44141	505221.3	5408101.0
T8100.0	505222.3	5408100.9	8773.90039	309.95	98.13	48.825867	-86.928849	56139.08	56251.7	-1.65	56137.43	56137.42969	56124.44565	56124.44531	505222.3	5408100.9
T8100.0	505223.6	5408100.9	8774.00000	310.80	97.41	48.825867	-86.928832	56139.46	56251.7	-1.65	56137.81	56137.80859	56125.12164	56125.12109	505223.6	5408100.9
T8100.0	505224.8	5408100.9	8774.09961	308.50	97.97	48.825867	-86.928815	56139.84	56251.7	-1.65	56138.19	56138.19141	56125.77501	56125.77344	505224.8	5408100.9
T8100.0	505224.8	5408100.9	8774.20020	306.97	97.97	48.825867	-86.928815	56140.22	56251.7	-1.65	56138.57	56138.57031	56126.40273	56126.40234	505224.8	5408100.9
T8100.0	505226.6	5408100.9	8774.29981	307.68	95.36	48.825866	-86.928790	56140.63	56251.7	-1.66	56138.98	56138.98047	56127.49737	56127.49609	505226.6	5408100.9
T8100.0	505226.6	5408100.9	8774.40039	307.93	95.79	48.825866	-86.928790	56140.96	56251.7	-1.66	56139.30	56139.30078	56127.07829	56127.07813	505226.6	5408100.9
T8100.0	505228.2	5408100.9	8774.50000	309.30	99.72	48.825866	-86.928768	56141.34	56251.7	-1.66	56139.68	56139.67969	56127.61473	56127.61328	505228.2	5408100.9
T8100.0	505229.5	5408100.9	8774.59961	309.90	99.72	48.825866	-86.928751	56141.75	56251.7	-1.66	56140.08	56140.07813	56128.43121	56128.42969	505229.5	5408100.9
T8100.0	505230.5	5408100.9	8774.70020	308.68	99.5	48.825866	-86.928737	56142.12	56251.7	-1.66	56140.46	56140.46094	56128.87959	56128.87891	505230.5	5408100.9
T8100.0	505231.5	5408100.8	8774.79981	308.43	95.53	48.825866	-86.928723	56142.52	56251.7	-1.67	56140.86	56140.85938	56129.59261	56129.59375	505231.5	5408100.8
T8100.0	505231.5	5408100.8	8774.90039	307.85	95.68	48.825866	-86.928723	56142.91	56251.7	-1.67	56141.24	56141.23828	56129.93674	56129.93750	505231.5	5408100.8
T8100.0	505232.9	5408100.8	8775.00000	307.35	95.68	48.825865	-86.928705	56143.29	56251.7	-1.67	56141.62	56141.62109	56130.22784	56130.22656	505232.9	5408100.8
T8100.0	505234.3	5408100.8	8775.09961	308.40	90.54	48.825865	-86.928685	56143.64	56251.7	-1.67	56141.98	56141.98047	56130.15575	56130.15625	505234.3	5408100.8
T8100.0	505235.6	5408100.8	8775.20020	308.10	90.54	48.825865	-86.928668	56144.06	56251.7	-1.67	56142.40	56142.39844	56130.96165	56130.96094	505235.6	5408100.8

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
T8100.0	505235.6	5408100.8	8775.29981	309.32	92.3	48.825865	-86.928668	56144.50	56251.7	-1.66	56142.84	56142.83984	56132.02744	56132.02734	505235.6	5408100.8
T8100.0	505236.8	5408100.8	8775.40039	309.90	92.3	48.825865	-86.928652	56144.85	56251.7	-1.66	56143.19	56143.19141	56131.65132	56131.65234	505236.8	5408100.8
T8100.0	505238.2	5408100.7	8775.50000	309.23	93.64	48.825865	-86.928632	56145.28	56251.7	-1.66	56143.62	56143.62109	56132.47167	56132.47266	505238.2	5408100.7
T8100.0	505239.3	5408100.7	8775.50000	309.23	90	48.825865	-86.928617	56145.66	56251.7	-1.66	56144.00	56144.00000	56132.47046	56132.46875	505239.3	5408100.7
T8100.0	505239.3	5408100.7	8775.59961	306.60	90	48.825865	-86.928617	56146.07	56251.7	-1.66	56144.41	56144.41016	56132.89660	56132.89844	505239.3	5408100.7
T8100.0	505240.7	5408100.7	8775.79981	308.19	92.72	48.825864	-86.928598	56146.50	56251.7	-1.65	56144.85	56144.85156	56133.76004	56133.76172	505240.7	5408100.7
T8100.0	505242.2	5408100.7	8775.90039	309.57	90.25	48.825864	-86.928578	56146.91	56251.7	-1.65	56145.25	56145.25000	56133.95845	56133.95703	505242.2	5408100.7
T8100.0	505243.4	5408100.7	8776.00000	309.59	90.25	48.825864	-86.928561	56147.31	56251.7	-1.65	56145.65	56145.64844	56134.12269	56134.12109	505243.4	5408100.7
T8100.0	505244.6	5408100.7	8776.09961	308.63	94.55	48.825864	-86.928545	56147.76	56251.7	-1.65	56146.11	56146.10938	56135.21848	56135.21875	505244.6	5408100.7
T8100.0	505245.7	5408100.7	8776.20020	307.73	90.22	48.825864	-86.928529	56148.15	56251.7	-1.66	56146.50	56146.50000	56135.16522	56135.16406	505245.7	5408100.7
T8100.0	505245.7	5408100.7	8776.29981	307.58	90.22	48.825864	-86.928529	56148.55	56251.7	-1.66	56146.89	56146.89063	56135.07929	56135.07813	505245.7	5408100.7
T8100.0	505247.2	5408100.7	8776.40039	308.96	86.05	48.825864	-86.928510	56149.04	56251.7	-1.66	56147.38	56147.37891	56136.58654	56136.58594	505247.2	5408100.7
T8100.0	505248.8	5408100.7	8776.50000	310.34	97.52	48.825864	-86.928488	56149.38	56251.7	-1.67	56147.72	56147.71875	56135.62937	56135.62891	505248.8	5408100.7
T8100.0	505248.8	5408100.7	8776.59961	309.39	97.52	48.825864	-86.928488	56149.87	56251.7	-1.67	56148.20	56148.19922	56136.92562	56136.92578	505248.8	5408100.7
T8100.0	505250.3	5408100.7	8776.70020	310.06	97.52	48.825864	-86.928468	56150.24	56251.7	-1.67	56148.57	56148.57031	56136.39903	56136.39844	505250.3	5408100.7
T8100.0	505251.4	5408100.7	8776.79981	309.89	99.03	48.825864	-86.928453	56150.74	56251.7	-1.67	56149.07	56149.07031	56137.97437	56137.97266	505251.4	5408100.7
T8100.0	505252.9	5408100.7	8776.90039	310.43	99.03	48.825864	-86.928432	56151.14	56251.7	-1.68	56149.46	56149.46094	56137.72311	56137.72266	505252.9	5408100.7
T8100.0	505252.9	5408100.7	8777.00000	311.94	98.96	48.825864	-86.928432	56151.66	56251.7	-1.68	56149.98	56149.98047	56139.57580	56139.57422	505252.9	5408100.7
T8100.0	505254.3	5408100.7	8777.09961	313.03	98.84	48.825864	-86.928413	56152.03	56251.7	-1.68	56150.35	56150.35156	56138.94746	56138.94922	505254.3	5408100.7
T8100.0	505255.2	5408100.7	8777.20020	313.07	98.84	48.825864	-86.928400	56152.52	56251.7	-1.68	56150.85	56150.85156	56140.41836	56140.41797	505255.2	5408100.7
T8100.0	505256.5	5408100.7	8777.29981	312.33	97.63	48.825864	-86.928383	56152.89	56251.7	-1.68	56151.22	56151.21875	56139.74521	56139.74609	505256.5	5408100.7
T8100.0	505257.8	5408100.7	8777.40039	311.02	97.63	48.825864	-86.928366	56153.44	56251.7	-1.68	56151.76	56151.76172	56141.80610	56141.80469	505257.8	5408100.7
T8100.0	505257.8	5408100.7	8777.50000	308.39	99.06	48.825864	-86.928366	56153.78	56251.7	-1.68	56152.10	56152.10156	56140.60720	56140.60547	505257.8	5408100.7
T8100.0	505259.2	5408100.6	8777.50000	308.39	99.06	48.825864	-86.928346	56154.32	56251.7	-1.68	56152.64	56152.64063	56142.60015	56142.60156	505259.2	5408100.6
T8100.0	505260.5	5408100.6	8777.59961	309.46	97.56	48.825864	-86.928328	56154.72	56251.7	-1.67	56153.04	56153.03906	56142.32388	56142.32422	505260.5	5408100.6
T8100.0	505260.5	5408100.6	8777.79981	309.75	95.93	48.825864	-86.928328	56155.20	56251.7	-1.67	56153.53	56153.53125	56143.44949	56143.44922	505260.5	5408100.6
T8100.0	505263.3	5408100.6	8777.90039	310.31	95.93	48.825863	-86.928291	56155.60	56251.7	-1.67	56153.93	56153.92969	56143.13187	56143.13281	505263.3	5408100.6
T8100.0	505263.3	5408100.6	8778.00000	307.34	90.02	48.825863	-86.928291	56156.14	56251.7	-1.67	56154.47	56154.46875	56144.96427	56144.96484	505263.3	5408100.6
T8100.0	505264.7	5408100.6	8778.09961	306.86	91.67	48.825863	-86.928270	56156.54	56251.7	-1.67	56154.87	56154.87109	56144.59770	56144.59766	505264.7	5408100.6
T8100.0	505266.2	5408100.6	8778.20020	307.09	93.39	48.825863	-86.928250	56157.10	56251.7	-1.67	56155.43	56155.42969	56146.64093	56146.64063	505266.2	5408100.6
T8100.0	505266.2	5408100.6	8778.29981	308.31	93.39	48.825863	-86.928250	56157.50	56251.7	-1.67	56155.83	56155.82813	56146.22101	56146.22266	505266.2	5408100.6
T8100.0	505267.5	5408100.6	8778.40039	308.45	93.39	48.825863	-86.928233	56158.02	56251.7	-1.67	56156.35	56156.35156	56147.56267	56147.56250	505267.5	5408100.6
T8100.0	505268.8	5408100.6	8778.50000	309.00	100.38	48.825863	-86.928215	56158.44	56251.7	-1.68	56156.76	56156.76172	56147.23387	56147.23438	505268.8	5408100.6
T8100.0	505270.3	5408100.6	8778.59961	308.77	100.38	48.825863	-86.928195	56158.89	56251.7	-1.68	56157.21	56157.21094	56147.45883	56147.45703	505270.3	5408100.6
T8100.0	505271.6	5408100.6	8778.70020	309.47	100.5	48.825863	-86.928177	56159.31	56251.7	-1.68	56157.63	56157.62891	56147.20828	56147.20703	505271.6	5408100.6
T8100.0	505271.6	5408100.6	8778.79981	310.41	100.5	48.825863	-86.928177	56159.81	56251.7	-1.68	56158.13	56158.12891	56148.06162	56148.06250	505271.6	5408100.6
T8100.0	505272.9	5408100.6	8778.90039	309.81	97.21	48.825863	-86.928160	56160.28	56251.7	-1.68	56158.60	56158.60156	56148.42654	56148.42578	505272.9	5408100.6
T8100.0	505274.1	5408100.6	8779.00000	308.13	97.21	48.825863	-86.928143	56160.73	56251.7	-1.68	56159.05	56159.05078	56148.44679	56148.44531	505274.1	5408100.6
T8100.0	505275.2	5408100.6	8779.09961	307.65	99.25	48.825863	-86.928128	56161.22	56251.7	-1.68	56159.54	56159.53906	56148.97311	56148.97266	505275.2	5408100.6
T8100.0	505276.5	5408100.6	8779.20020	306.30	99.25	48.825863	-86.928110	56161.70	56251.7	-1.68	56160.01	56160.01172	56149.14727	56149.14844	505276.5	5408100.6
T8100.0	505276.5	5408100.6	8779.29981	306.30	96.49	48.825863	-86.928110	56162.24	56251.7	-1.68	56160.56	56160.55859	56150.39820	56150.39844	505276.5	5408100.6
T8100.0	505278.2	5408100.6	8779.40039	306.65	96.49	48.825863	-86.928087	56162.79	56251.7	-1.68	56161.10	56161.10156	56151.44980	56151.44922	505278.2	5408100.6
T8100.0	505279.2	5408100.6	8779.40039	306.65	93.81	48.825863	-86.928073	56163.32	56251.7	-1.68	56161.64	56161.64063	56152.45361	56152.45313	505279.2	5408100.6
T8100.0	505280.8	5408100.7	8779.50000	306.57	93.81	48.825864	-86.928052	56163.82	56251.7	-1.68	56162.14	56162.14063	56152.82138	56152.82031	505280.8	5408100.7
T8100.0	505282.0	5408100.7	8779.59961	306.57	98.42	48.825864	-86.928035	56164.31	56251.7	-1.69	56162.63	56162.62891	56152.98438	56152.98438	505282.0	5408100.7
T8100.0	505282.0	5408100.7	8779.59961	308.14	98.42	48.825864	-86.928035	56164.78	56251.7	-1.69	56163.10	56163.10156	56152.78496	56152.78516	505282.0	5408100.7
T8100.0	505283.9	5408100.7	8779.79981	310.12	97.47	48.825864	-86.928009	56165.21	56251.7	-1.69	56163.53	56163.53125	56151.89847	56151.89844	505283.9	5408100.7
T8100.0	505285.3	5408100.7	8779.90039	309.19	97.47	48.825864	-86.927991	56165.70	56251.7	-1.69	56164.01	56164.01172	56151.72530	56151.72656	505285.3	5408100.7
T8100.0	505285.3	5408100.7	8780.00000	310.60	96.47	48.825864	-86.927991	56166.23	56251.7	-1.69	56164.54	56164.53906	56152.30897	56152.30859	505285.3	5408100.7
T8100.0	505286.6	5408100.7	8780.09961	310.14	96.47	48.825864	-86.927973	56166.74	56251.7	-1.69	56165.05	56165.05078	56152.54615	56152.54688	505286.6	5408100.7
T8100.0	505287.9	5408100.7	8780.20020	308.41	97.6	48.825864	-86.927955	56167.28	56251.7	-1.69	56165.59	56165.58984	56153.25675	56153.25781	505287.9	5408100.7
T8100.0	505289.4	5408100.7	8780.40039	309.12	98.3	48.825864	-86.927935	56167.84	56251.7	-1.70	56166.15	56166.14844	56154.29650	56154.29688	505289.4	5408100.7
T8100.0	505290.5	5408100.7	8780.50000	311.60	98.3	48.825864	-86.927919	56168.39	56251.7	-1.70	56166.69	56166.69141	56154.99906	56155.00000	505290.5	5408100.7
T8100.0	505290.5	5408100.7	8780.59961	312.60	99.08	48.825864	-86.927919	56168.91	56251.7	-1.70	56167.21	56167.21094	56155.35717	56155.35547	505290.5	5408100.7
T8100.0	505291.9	5408100.7	8780.70020	313.74	99.08	48.825864	-86.927901	56169.41	56251.7	-1.70	56167.70	56167.69922	56155.19529	56155.19531	505291.9	5408100.7
T8100.0	505293.2	5408100.7	8780.79981	313.56	99.46	48.825864	-86.927883	56169.85	56251.7	-1.71	56168.15	56168.14844	56154.34201	56154.34375	505293.2	5408100.7
T8100.0	505294.1	5408100.6	8780.90039	313.59	99.18	48.825863	-86.927870	56170.47	56251.7	-1.71	56168.76	56168.76172	56156.25004	56156.25000	505294.1	5408100.6
T8100.0	505295.4	5408100.6	8781.00000	312.24	99.18	48.825863	-86.927853	56171.04	56251.7	-1.71	56169.33	56169.32813	56157.47151	56157.47266	505295.4	5408100.6
T8100.0	505295.4	5408100.6	8781.09961	313.54	99.58	48.825863	-86.927853	56171.67	56251.7	-1.71	56169.96	56169.96094	56159.71472	56159.71484	505295.4	5408100.6
T8100.0	505297.0	5408100.6	8781.20020	311.55	99.58	48.825863	-86.927831	56172.15	56251.7	-1.71	56170.44	56170.44141	56159.39664	56159.39844	505297.0	5408100.6
T8100.0	505298.1	5408100.5	8781.29981	310.36	96.7	48.825862	-86.927816	56172.73	56251.7	-1.71	56171.02	56171.01953	56160.76971	56160.76953	505298.1	5408100.5
T8100.0	505299.6	5408100.5	8781.40039	307.91	98.28	48.825862	-86.927795	56173.33	56251.7	-1.71	56171.62	56171.62109	56162.45124	56162.45313	505299.6	5408100.5
T8100.0	505300.8	5408100.5	8781.50000	309.43	98.28	48.825862	-86.927780	56173.86	56251.7	-1.71	56172.15	56172.14844	56162.95765	56162.95703	505300.8	5408100.5
T8100.0	505302.1	5408100.4	8781.50000	309.43	98.14	48.825861	-86.927761	56174.38	56251.7	-1.71	56172.67	56172.67188	56163.29836	56163.29688	505302.1	5408100.4
T8100.0	505302.1	5408100.4	8781.59961	310.18	99.11	48.825861	-86.927761	56174.98	56251.7	-1.71	56173.27	56173.26953	56164.89336	56164.89453	505302.1	5408100.4
T8100.0	505303.4	5408100.4	8781.79981	306.15	99.11	48.825861	-86.927743	56175.46	56251.7	-1.71	56173.75	56173.75000	56164.58823	56164.58984	505303.4	5408100.4
T8100.0	505305.0	5408100.3	8781.90039	305.94	98.48	48.825860	-86.927722	56175.98	56251.7	-1.71	56174.27	56174.26953	56164.90361	56164.90234	505305.0	5408100.3
T8100.0	505306.4	5408100.2	8782.00000	305.85	96.84	48.825860	-86.927703	56176.54	56251.7	-1.71	56174.83	56174.82813	56165.80281	56165.80469	505306.4	5408100.2
T8100.0	505306.4	5408100.2	8782.09961	307.09	96.3	48.825860	-86.927703	56177.16	56251.7	-1.71	56175.45	56175.44922	56167.54520	56167.54688	505306.4	5408100.2
T8100.0	505307.7	5408100.2	8782.20020	306.22	98.9	48.825859	-86.927685	56177.66	56251.7	-1.71	56175.96	56175.96094	56167.63950	56167.64063	505307.7	5408100.2
T8100.0	505309.0	5408100.1	8782.29981	306.41	98.9	48.825858	-86.927667	56178.22	56251.7	-1.70	56176.51	56176.51172	56168.28519	56168.28516	505309.0	5408100.1
T8100.0	505310.6	5408100.0	8782.40039	307.33	99.05	48.825858	-86.927646	56178.87	56251.7	-1.70	56177.17	56177.17188	56170.44424	56170.44531	505310.6	5408100.0
T8100.0	505310.6	5408100.0	8782.50000	306.42	98.48	48.825858	-86.927646	56179.40	56251.7	-1.70	56177.70	56177.69922	56170.73008	56170.73047	505310.6	5408100.0
T8100.0	505312.5	5408100.0	8782.59961	306.20	85.83	48.825857	-86.927620	56180.09	56251.7	-1.70	56178.39	56178.39063	56173.21226	56173.21094	505312.5	5408100.0
T8100.0	505313.8	5408099.9	8782.70020	305.14	85.83	48.825857	-86.927602	56180.63	56251.7	-1.70	56178.93	56178.92969	56173.57765	56173.57813	505313.8	5408099.9
T8100.0	505314.9	5408099.9	8782.79981	306.85	92.53	48.825856	-86.927588	56181.21	56251.7	-1.69	56179.51	56179.51172	56174.47410	56174.47266	505314.9	5408099.9
T8100.0	505315.9	5408099.9	8782.90039	306.20	90.87	48.825856	-86.927573	56181.73	56251.7	-1.69	56180.03	56180.03125	56174.51835	56174.51953	505315.9	5408099.9
T8100.0	505317.0	5408099.8	8783.00000	308.56	97.3	48.825856	-86.927558	56182.21	56251.7	-1.69	56180.52	56180.51953	56174.12201	56174.12109	505317.0	5408099.8
T8100.0	505318.0	5408099.8	8783.09961	308.95	97.3	48.825856	-86.927545	56182.74	56251.7	-1.69	56181.05	56181.05078	56174.25693	56174.25781	505318.0	5408099.8
T8100.0	505318.0	5408099.8	8783.20020	309.94	99.92	48.825856	-86.927545	56183.25	56251.7	-1.69	56181.57	56181.57031	56174.22711	56174.22656	505318.0	5408099.8
T8100.0	505319.3	5408099.8	8783.29981	310.29	100.67	48.825856	-86.927527	56183.81	56251.7	-1.69	56182.13	56182.12891	56174.74112	56174.74219	505319.3	5408099.8
T8100.0	505320.6	5408099.8	8783.40039	309.46	98.17	48.825855	-86.927509	56184.42	56251.7	-1.69	56182.73	56182.73047	56175.81692	56175.81641	505320.6	5408099.8
T8100.0	505321.9	5408099.8	8783.50000	308.61	98.17	48.825855	-86.927492	56185.09	56251.7	-1.68	56183.41	56183.41016	56178.05844	56178.05859	505321.9	5408099.8
T8100.0	505322.6	5408099.8	8783.50000	308.61	92.52	48.825855	-86.927482	56185.63	56251.7	-1.68	56183.94	56183.94141	56178.12357	56178.12500	505322.6	5408099.8
T8100.0	505324.1	5408099.8	8783.59961	308.50	92.52	48.825855	-86.927462	56186.19	56251.7	-1.68	56184.50	56184.50000	56178.61969	56178.62109	505324.1	5408099.8
T8100.0	505325.2	5408099.8	8783.79981	309.07	95.02	48.825855	-86.927447	56186.68	56251.7	-1.68	56185.00	56185.00000	56178.20837	56178.20703	505325.2	5408099.8
T8100.0	505326.2	5408099.8	8783.90039	309.41	91.47	48.825855	-86.927433	56187.20	56251.7	-1.68	56185.52	56185.51953	56178.08117	56178.08203	505326.2	5408099.8
T8100.0	505326.9	5408099.8	8784.00000	307.78	88.07	48.825855	-86.927424	56187.72	56251.7	-1.68	56186.04	56186.03906	56177.94149	56177.94141	505326.9	5408099.8
T8100.0	505328.3	5408099.8	8784.09961	309.71	88.07	48.825855	-86.927404	56188.28	56251.7	-1.68	56186.60	56186.60156	56178.41465	56178.41406	505328.3	5408099.8
T8100.0	505328.3	5408099.8	8784.20020	309.72	94.15	48.825855	-86.927404	56188.89	56251.7	-1.68	56187.21	56187.21094	56179.67807	56179.67969	505328.3	5408099.8
T8100.0	505329.6	5408099.8	8784.29981	312.88	95.78	48.825855	-86.927387	56189.40	56251.7	-1.69	56187.71	56187.71094	56179.21515	56179.21484	505329.6	5408099.8
T8100.0	505330.7	5408099.8	8784.40039	310.93	99.76	48.825855	-86.927371	56189.97	56251.7	-1.69	56188.28	56188.28125	56179.86163	56179.86328	505330.7	5408099.8
T8100.0	505332.0	5408099.8	8784.50000	310.64	99.76	48.825855	-86.927355	56190.49	56251.7	-1.69	56188.80	56188.80078	56179.71226	56179.71094	505332.0	5408099.8

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
T8100.0	505333.3	5408099.8	8784.59961	309.93	97.59	48.825855	-86.927337	56191.14	56251.7	-1.69	56189.45	56189.44922	56181.66477	56181.66406	505333.3	5408099.8
T8100.0	505334.5	5408099.8	8784.70020	308.91	97.97	48.825855	-86.927320	56191.68	56251.7	-1.69	56189.98	56189.98047	56181.68815	56181.68750	505334.5	5408099.8
T8100.0	505334.5	5408099.8	8784.79981	309.71	92.76	48.825855	-86.927320	56192.32	56251.7	-1.70	56190.63	56190.62891	56183.66985	56183.66797	505334.5	5408099.8
T8100.0	505335.9	5408099.8	8784.90039	310.97	92.75	48.825856	-86.927301	56192.84	56251.7	-1.70	56191.15	56191.14844	56183.54028	56183.53906	505335.9	5408099.8
T8100.0	505337.3	5408099.8	8785.00000	312.00	92.75	48.825856	-86.927281	56193.36	56251.7	-1.70	56191.66	56191.66016	56183.24944	56183.25000	505337.3	5408099.8
T8100.0	505338.3	5408099.9	8785.09961	310.48	95.98	48.825856	-86.927269	56193.91	56251.7	-1.70	56192.21	56192.21094	56183.61721	56183.61719	505338.3	5408099.9
T8100.0	505339.8	5408099.9	8785.20020	310.08	95.98	48.825856	-86.927248	56194.52	56251.7	-1.69	56192.83	56192.82813	56185.13496	56185.13672	505339.8	5408099.9
T8100.0	505340.9	5408099.9	8785.29981	309.20	99.36	48.825856	-86.927233	56195.07	56251.7	-1.69	56193.38	56193.37891	56185.51066	56185.51172	505340.9	5408099.9
T8100.0	505340.9	5408099.9	8785.40039	309.97	99.9	48.825856	-86.927233	56195.57	56251.7	-1.69	56193.89	56193.89063	56185.23769	56185.23828	505340.9	5408099.9
T8100.0	505342.4	5408099.9	8785.50000	310.21	99.27	48.825857	-86.927212	56196.15	56251.7	-1.68	56194.46	56194.46094	56185.94519	56185.94531	505342.4	5408099.9
T8100.0	505342.4	5408099.9	8785.50000	310.21	101.08	48.825857	-86.927212	56196.81	56251.7	-1.68	56195.12	56195.12109	56188.10698	56188.10547	505342.4	5408099.9
T8100.0	505344.6	5408100.0	8785.59961	309.55	101.08	48.825857	-86.927182	56197.32	56251.7	-1.68	56195.63	56195.62891	56187.83974	56187.83984	505344.6	5408100.0
T8100.0	505345.7	5408100.0	8785.79981	307.27	97.93	48.825857	-86.927167	56197.88	56251.7	-1.68	56196.20	56196.19922	56188.53890	56188.53906	505345.7	5408100.0
T8100.0	505347.1	5408100.0	8785.90039	305.93	89.84	48.825857	-86.927149	56198.41	56251.7	-1.67	56196.73	56196.73047	56188.59714	56188.59766	505347.1	5408100.0
T8100.0	505348.2	5408100.0	8786.00000	309.11	89.84	48.825857	-86.927134	56198.95	56251.7	-1.67	56197.28	56197.28125	56188.97360	56188.97266	505348.2	5408100.0
T8100.0	505349.5	5408100.0	8786.09961	307.60	94.46	48.825857	-86.927115	56199.54	56251.7	-1.67	56197.87	56197.87109	56189.97471	56189.97656	505349.5	5408100.0
T8100.0	505349.5	5408100.0	8786.20020	307.74	99.79	48.825857	-86.927115	56200.15	56251.7	-1.67	56198.48	56198.48047	56191.27395	56191.27344	505349.5	5408100.0
T8100.0	505351.8	5408100.0	8786.29981	308.57	99.79	48.825857	-86.927084	56200.73	56251.7	-1.67	56199.06	56199.05859	56192.08775	56192.08594	505351.8	5408100.0
T8100.0	505351.8	5408100.0	8786.40039	310.60	99.18	48.825857	-86.927084	56201.34	56251.7	-1.67	56199.67	56199.67188	56193.34434	56193.34375	505351.8	5408100.0
T8100.0	505353.1	5408100.0	8786.50000	308.72	97.74	48.825857	-86.927067	56201.91	56251.7	-1.68	56200.24	56200.23828	56193.96131	56193.96094	505353.1	5408100.0
T8100.0	505354.6	5408100.0	8786.59961	309.66	97.74	48.825857	-86.927046	56202.47	56251.7	-1.68	56200.80	56200.80078	56194.40213	56194.40234	505354.6	5408100.0
T8100.0	505356.0	5408100.1	8786.70020	308.76	90.07	48.825858	-86.927027	56202.96	56251.7	-1.68	56201.28	56201.28125	56193.59430	56193.59375	505356.0	5408100.1
T8100.0	505356.0	5408100.1	8786.79981	308.03	90.76	48.825858	-86.927027	56203.54	56251.7	-1.68	56201.86	56201.85938	56194.28426	56194.28516	505356.0	5408100.1
T8100.0	505358.3	5408100.0	8786.90039	308.53	90.76	48.825857	-86.926996	56204.14	56251.7	-1.68	56202.46	56202.46094	56195.24792	56195.24609	505358.3	5408100.0
T8100.0	505358.3	5408100.0	8787.00000	310.04	92.52	48.825857	-86.926996	56204.73	56251.7	-1.68	56203.05	56203.05078	56196.02781	56196.02734	505358.3	5408100.0
T8100.0	505359.8	5408100.1	8787.09961	308.17	94.38	48.825857	-86.926976	56205.33	56251.7	-1.68	56203.65	56203.64844	56196.93478	56196.93359	505359.8	5408100.1
T8100.0	505361.2	5408100.0	8787.20020	307.75	94.38	48.825857	-86.926957	56205.89	56251.7	-1.68	56204.21	56204.21094	56197.18813	56197.18750	505361.2	5408100.0
T8100.0	505362.6	5408100.0	8787.29981	309.51	97.08	48.825857	-86.926937	56206.40	56251.7	-1.68	56204.72	56204.71875	56196.60748	56196.60938	505362.6	5408100.0
T8100.0	505363.8	5408100.0	8787.40039	308.21	97.08	48.825857	-86.926921	56207.02	56251.7	-1.68	56205.34	56205.33984	56197.75289	56197.75391	505363.8	5408100.0
T8100.0	505363.8	5408100.0	8787.50000	307.69	93.83	48.825857	-86.926921	56207.62	56251.7	-1.68	56205.94	56205.94141	56198.56398	56198.56250	505363.8	5408100.0
T8100.0	505364.9	5408100.0	8787.50000	307.69	96.27	48.825857	-86.926906	56208.19	56251.7	-1.68	56206.51	56206.51172	56198.86229	56198.86328	505364.9	5408100.0
T8100.0	505366.1	5408100.0	8787.59961	307.38	97.23	48.825857	-86.926890	56208.75	56251.7	-1.68	56207.07	56207.07031	56198.96609	56198.96484	505366.1	5408100.0
T8100.0	505366.1	5408100.0	8787.79981	308.04	97.23	48.825857	-86.926890	56209.34	56251.7	-1.68	56207.66	56207.66016	56199.55770	56199.55859	505366.1	5408100.0
T8100.0	505368.2	5408100.0	8787.90039	309.33	95.36	48.825857	-86.926860	56209.93	56251.7	-1.68	56208.25	56208.25000	56200.13823	56200.13672	505368.2	5408100.0
T8100.0	505369.4	5408099.9	8788.00000	309.59	95.36	48.825857	-86.926845	56210.52	56251.7	-1.68	56208.84	56208.83984	56200.70828	56200.70703	505369.4	5408099.9
T8100.0	505370.7	5408099.9	8788.09961	313.23	95.66	48.825856	-86.926827	56211.12	56251.7	-1.68	56209.43	56209.42969	56201.26845	56201.26953	505370.7	5408099.9
T8100.0	505372.0	5408099.9	8788.20020	314.34	91.78	48.825856	-86.926808	56211.71	56251.7	-1.69	56210.02	56210.01953	56201.81959	56201.82031	505372.0	5408099.9
T8100.0	505373.5	5408099.9	8788.29981	315.44	92.89	48.825856	-86.926789	56212.36	56251.7	-1.69	56210.67	56210.67188	56203.45807	56203.45703	505373.5	5408099.9
T8100.0	505373.5	5408099.9	8788.40039	314.30	92.89	48.825856	-86.926789	56212.88	56251.7	-1.69	56211.19	56211.19141	56202.71125	56202.71094	505373.5	5408099.9
T8100.0	505374.9	5408099.9	8788.50000	313.60	93.82	48.825856	-86.926770	56213.45	56251.7	-1.69	56211.75	56211.75000	56202.67966	56202.67969	505374.9	5408099.9
T8100.0	505376.2	5408099.9	8788.59961	313.90	93.82	48.825856	-86.926752	56214.06	56251.7	-1.70	56212.36	56212.35938	56203.56729	56203.56641	505376.2	5408099.9
T8100.0	505376.2	5408099.9	8788.70020	313.37	93.79	48.825856	-86.926752	56214.72	56251.7	-1.70	56213.02	56213.01953	56205.38604	56205.38672	505376.2	5408099.9
T8100.0	505378.9	5408099.9	8788.79981	311.55	93.79	48.825856	-86.926715	56215.28	56251.7	-1.70	56213.57	56213.57031	56205.15110	56205.15234	505378.9	5408099.9
T8100.0	505378.9	5408099.9	8788.90039	310.03	98.01	48.825856	-86.926715	56215.90	56251.7	-1.71	56214.19	56214.19141	56206.21973	56206.21875	505378.9	5408099.9
T8100.0	505380.3	5408099.8	8789.00000	311.05	96.2	48.825855	-86.926696	56216.46	56251.7	-1.71	56214.75	56214.75000	56206.17429	56206.17578	505380.3	5408099.8
T8100.0	505381.6	5408099.8	8789.09961	311.15	94.64	48.825855	-86.926678	56217.04	56251.7	-1.71	56215.33	56215.32813	56206.50989	56206.51172	505381.6	5408099.8
T8100.0	505382.9	5408099.8	8789.20020	310.34	94.64	48.825855	-86.926660	56217.69	56251.7	-1.70	56215.99	56215.98828	56208.31163	56208.31250	505382.9	5408099.8
T8100.0	505384.3	5408099.8	8789.29981	311.73	93.83	48.825855	-86.926642	56218.26	56251.7	-1.70	56216.56	56216.55859	56208.48238	56208.48047	505384.3	5408099.8
T8100.0	505384.3	5408099.8	8789.40039	310.00	95.45	48.825855	-86.926642	56218.81	56251.7	-1.69	56217.12	56217.12109	56208.50072	56208.50000	505384.3	5408099.8
T8100.0	505386.6	5408099.8	8789.50000	310.47	95.45	48.825855	-86.926610	56219.43	56251.7	-1.69	56217.74	56217.73828	56209.57666	56209.57813	505386.6	5408099.8
T8100.0	505386.6	5408099.8	8789.50000	310.47	95.19	48.825855	-86.926610	56220.08	56251.7	-1.69	56218.39	56218.39063	56211.13300	56211.13281	505386.6	5408099.8
T8100.0	505388.1	5408099.7	8789.59961	311.35	98.32	48.825854	-86.926589	56220.68	56251.7	-1.69	56218.99	56218.98828	56211.81837	56211.82031	505388.1	5408099.7
T8100.0	505389.9	5408099.7	8789.79981	310.46	98.32	48.825854	-86.926565	56221.38	56251.7	-1.68	56219.70	56219.69922	56214.24086	56214.24219	505389.9	5408099.7
T8100.0	505390.8	5408099.7	8789.90039	310.24	98.37	48.825854	-86.926553	56222.02	56251.7	-1.67	56220.35	56220.35156	56215.62103	56215.62109	505390.8	5408099.7
T8100.0	505390.8	5408099.7	8790.00000	307.96	95.27	48.825854	-86.926553	56222.58	56251.7	-1.67	56220.91	56220.91016	56215.56976	56215.57031	505390.8	5408099.7
T8100.0	505392.4	5408099.7	8790.09961	308.09	96.63	48.825854	-86.926531	56223.17	56251.7	-1.67	56221.50	56221.50000	56215.96301	56215.96484	505392.4	5408099.7
T8100.0	505393.6	5408099.7	8790.20020	310.06	97.68	48.825854	-86.926515	56223.75	56251.7	-1.67	56222.08	56222.07813	56216.18287	56216.18359	505393.6	5408099.7
T8100.0	505394.8	5408099.7	8790.29981	309.23	97.25	48.825854	-86.926498	56224.34	56251.7	-1.67	56222.67	56222.67188	56216.52082	56216.51953	505394.8	5408099.7
T8100.0	505396.2	5408099.7	8790.40039	310.09	97.25	48.825854	-86.926479	56224.96	56251.7	-1.67	56223.28	56223.28125	56217.11072	56217.10938	505396.2	5408099.7
T8100.0	505397.3	5408099.7	8790.50000	307.67	97.16	48.825854	-86.926464	56225.62	56251.7	-1.68	56223.95	56223.94922	56218.51449	56218.51563	505397.3	5408099.7
T8100.0	505398.0	5408099.7	8790.59961	305.61	99.28	48.825854	-86.926456	56226.23	56251.7	-1.68	56224.55	56224.55078	56218.87698	56218.87891	505398.0	5408099.7
T8100.0	505399.5	5408099.7	8790.70020	304.35	99.28	48.825854	-86.926434	56226.85	56251.7	-1.68	56225.17	56225.17188	56219.48459	56219.48438	505399.5	5408099.7
T8100.0	505400.9	5408099.7	8790.79981	304.25	100.35	48.825854	-86.926416	56227.52	56251.7	-1.68	56225.85	56225.85156	56220.90925	56220.91016	505400.9	5408099.7
T8100.0	505400.9	5408099.7	8790.90039	305.83	100.51	48.825854	-86.926416	56228.04	56251.7	-1.68	56226.36	56226.35938	56219.86599	56219.86719	505400.9	5408099.7
T8100.0	505403.1	5408099.6	8791.00000	306.31	100.66	48.825853	-86.926385	56228.78	56251.7	-1.68	56227.10	56227.10156	56222.09298	56222.09375	505403.1	5408099.6
T8100.0	505403.1	5408099.6	8791.09961	307.61	100.66	48.825853	-86.926385	56229.37	56251.7	-1.68	56227.69	56227.69141	56222.12281	56222.12109	505403.1	5408099.6
T8100.0	505404.4	5408099.6	8791.20020	306.86	100.66	48.825853	-86.926368	56229.94	56251.7	-1.68	56228.26	56228.26172	56221.81042	56221.80859	505404.4	5408099.6
T8100.0	505406.3	5408099.6	8791.29981	308.12	100.63	48.825853	-86.926341	56230.59	56251.7	-1.68	56228.91	56228.91016	56222.64719	56222.64844	505406.3	5408099.6
T8100.0	505406.3	5408099.6	8791.40039	309.91	102.4	48.825853	-86.926341	56231.28	56251.7	-1.68	56229.60	56229.60156	56224.07561	56224.07422	505406.3	5408099.6
T8100.0	505407.7	5408099.6	8791.50000	311.57	102.4	48.825853	-86.926323	56231.82	56251.7	-1.68	56230.14	56230.14063	56223.17277	56223.17188	505407.7	5408099.6
T8100.0	505409.0	5408099.6	8791.50000	311.57	101.02	48.825853	-86.926305	56232.49	56251.7	-1.68	56230.81	56230.80859	56224.25347	56224.25391	505409.0	5408099.6
T8100.0	505410.0	5408099.6	8791.59961	311.35	100.8	48.825853	-86.926292	56233.12	56251.7	-1.68	56231.44	56231.44141	56224.68900	56224.68750	505410.0	5408099.6
T8100.0	505411.5	5408099.7	8791.79981	310.92	100.8	48.825854	-86.926271	56233.76	56251.7	-1.68	56232.08	56232.07813	56225.26778	56225.26953	505411.5	5408099.7
T8100.0	505412.9	5408099.7	8791.90039	312.30	103.7	48.825854	-86.926252	56234.35	56251.7	-1.68	56232.67	56232.67188	56225.00683	56225.00781	505412.9	5408099.7
T8100.0	505412.9	5408099.7	8792.00000	311.97	103.7	48.825854	-86.926252	56235.01	56251.7	-1.68	56233.33	56233.32813	56225.89080	56225.89063	505412.9	5408099.7
T8100.0	505414.4	5408099.7	8792.09961	310.72	98.17	48.825854	-86.926231	56235.81	56251.7	-1.68	56234.13	56234.12891	56229.14956	56229.14844	505414.4	5408099.7
T8100.0	505415.8	5408099.7	8792.20020	312.54	102.94	48.825854	-86.926213	56236.44	56251.7	-1.68	56234.76	56234.76172	56229.55087	56229.55078	505415.8	5408099.7
T8100.0	505417.2	5408099.7	8792.29981	312.40	102.94	48.825854	-86.926194	56237.04	56251.7	-1.68	56235.36	56235.35938	56229.43741	56229.43750	505417.2	5408099.7
T8100.0	505418.3	5408099.7	8792.40039	313.08	104.05	48.825854	-86.926178	56237.57	56251.7	-1.68	56235.89	56235.89063	56228.13014	56228.12891	505418.3	5408099.7
T8100.0	505419.4	5408099.7	8792.50000	310.83	103.54	48.825854	-86.926163	56238.30	56251.7	-1.68	56236.62	56236.62109	56230.23949	56230.23828	505419.4	5408099.7
T8100.0	505420.6	5408099.7	8792.59961	310.82	103.54	48.825854	-86.926147	56238.84	56251.7	-1.68	56237.16	56237.16016	56229.12519	56229.12500	505420.6	5408099.7
T8100.0	505420.6	5408099.7	8792.70020	310.56	104.38	48.825854	-86.926147	56239.54	56251.7	-1.68	56237.86	56237.85938	56230.71902	56230.71875	505420.6	5408099.7
T8100.0	505422.0	5408099.7	8792.79981	312.91	104.38	48.825854	-86.926128	56240.32	56251.7	-1.68	56238.64	56238.64063	56233.61633	56233.61719	505422.0	5408099.7
T8100.0	505423.7	5408099.7	8792.90039	312.73	103.38	48.825854	-86.926104	56240.98	56251.7	-1.68	56239.30	56239.30078	56234.49221	56234.49219	505423.7	5408099.7
T8100.0	505423.7	5408099.7	8793.00000	312.58	91.41	48.825854	-86.926104	56241.62	56251.7	-1.68	56239.94	56239.94141	56235.02999	56235.03125	505423.7	5408099.7
T8100.0	505426.2	5408099.7	8793.09961	310.65	91.41	48.825854	-86.926070	56242.34	56251.7	-1.68	56240.66	56240.66016	56236.83378	56236.83203	505426.2	5408099.7
T8100.0	505426.2	5408099.7	8793.20020	310.21	90.97	48.825854	-86.926070	56242.95	56251.7	-1.68	56241.26	56241.26172	56236.70937	56236.71094	505426.2	5408099.7
T8100.0	505427.4	5408099.7	8793.29981	308.90	91.33	48.825854	-86.926054	56243.53	56251.7	-1.68	56241.85	56241.85156	56236.43676	56236.43750	505427.4	5408099.7
T8100.0	505428.9	5408099.7	8793.40039	308.65	91.33	48.825854	-86.926033	56244.20	56251.7	-1.68	56242.52	56242.51953	56237.40042	56237.40234	505428.9	5408099.7
T8100.0	505430.3	5408099.8	8793.50000	307.56	92.94	48.825854	-86.926015	56244.86	56251.7	-1.68	56243.17	56243.17188	56238.04082	56238.03906	505430.3	5408099.8
T8100.0	505430.3	5408099.8	8793.50000	307.56	95.98	48.825854	-86.926015	56245.61	56251.7	-1.68	56243.92	56243.92188	56240.17185	56240.17188	505430.3	5408099.8
T8100.0	505432.6	5408099.8	8793.59961	307.32	95.98	48.825854	-86.925984	56246.27	56251.7	-1.69	56244.59	56244.58984	56241.07360	56241.07422	505432.6	5408099.8
T8100.0	505434.0	5408099.8	8793.79981	306.20	99.54	48.825855	-86.925965	56247.00	56251.7	-1.69	56245.31	56245.30859	56242.70184	56242.70313	505434.0	5408099.8

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
T8100.0	505434.0	5408099.8	8793.90039	306.37	100.49	48.825855	-86.925965	56247.70	56251.7	-1.69	56246.01	56246.01172	56244.01626	56244.01563	505434.0	5408099.8
T8100.0	505435.3	5408099.8	8794.00000	307.82	98.41	48.825855	-86.925946	56248.31	56251.7	-1.69	56246.62	56246.62109	56244.00163	56244.00000	505435.3	5408099.8
T8100.0	505437.0	5408099.9	8794.09961	309.92	98.41	48.825855	-86.925924	56248.99	56251.7	-1.69	56247.30	56247.30078	56245.00915	56245.00781	505437.0	5408099.9
T8100.0	505438.3	5408099.9	8794.20020	308.45	99.9	48.825855	-86.925905	56249.63	56251.7	-1.69	56247.94	56247.94141	56245.43015	56245.42969	505438.3	5408099.9
T8100.0	505438.3	5408099.9	8794.29981	309.45	99.34	48.825855	-86.925905	56250.21	56251.7	-1.70	56248.52	56248.51953	56244.97873	56244.98047	505438.3	5408099.9
T8100.0	505439.6	5408099.9	8794.40039	307.77	99.34	48.825855	-86.925888	56250.89	56251.7	-1.70	56249.19	56249.19141	56245.83570	56245.83594	505439.6	5408099.9
T8100.0	505441.0	5408099.9	8794.50000	308.43	101.62	48.825856	-86.925869	56251.50	56251.7	-1.70	56249.80	56249.80078	56245.82068	56245.82031	505441.0	5408099.9
T8100.0	505442.8	5408100.0	8794.59961	308.43	90.95	48.825856	-86.925844	56252.23	56251.7	-1.70	56250.53	56250.53125	56247.55376	56247.55469	505442.8	5408100.0
T8100.0	505443.8	5408100.0	8794.70020	311.29	90.95	48.825856	-86.925831	56252.81	56251.7	-1.70	56251.10	56251.10156	56246.95820	56246.95703	505443.8	5408100.0
T8100.0	505443.8	5408100.0	8794.79981	310.43	100.52	48.825856	-86.925831	56253.62	56251.7	-1.71	56251.92	56251.92188	56250.02668	56250.02734	505443.8	5408100.0
T8100.0	505445.4	5408100.0	8794.90039	310.38	96.33	48.825857	-86.925809	56254.15	56251.7	-1.71	56252.44	56252.44141	56248.70560	56248.70703	505445.4	5408100.0
T8100.0	505446.8	5408100.1	8795.00000	309.68	96.33	48.825857	-86.925791	56254.89	56251.7	-1.71	56253.18	56253.17969	56250.63115	56250.63281	505446.8	5408100.1
T8100.0	505448.2	5408100.1	8795.09961	309.06	94.23	48.825857	-86.925771	56255.45	56251.7	-1.71	56253.74	56253.73828	56249.90823	56249.91016	505448.2	5408100.1
T8100.0	505448.2	5408100.1	8795.20020	307.96	91.78	48.825857	-86.925771	56256.22	56251.7	-1.70	56254.51	56254.51172	56252.31854	56252.32031	505448.2	5408100.1
T8100.0	505449.8	5408100.1	8795.29981	306.69	91.78	48.825857	-86.925750	56256.75	56251.7	-1.70	56255.05	56255.05078	56251.31822	56251.31641	505449.8	5408100.1
T8100.0	505451.1	5408100.1	8795.40039	307.01	91.93	48.825857	-86.925731	56257.49	56251.7	-1.70	56255.79	56255.78906	56253.32588	56253.32422	505451.1	5408100.1
T8100.0	505452.1	5408100.2	8795.50000	307.71	93.48	48.825858	-86.925719	56258.11	56251.7	-1.69	56256.41	56256.41016	56253.55364	56253.55469	505452.1	5408100.2
T8100.0	505453.6	5408100.2	8795.50000	307.71	92.36	48.825858	-86.925697	56258.74	56251.7	-1.69	56257.04	56257.03906	56253.94945	56253.94922	505453.6	5408100.2
T8100.0	505453.6	5408100.2	8795.59961	309.46	92.36	48.825858	-86.925697	56259.41	56251.7	-1.69	56257.72	56257.71875	56255.12350	56255.12500	505453.6	5408100.2
T8100.0	505454.8	5408100.2	8795.79981	312.68	92.52	48.825858	-86.925681	56260.07	56251.7	-1.69	56258.38	56258.37891	56256.01859	56256.01953	505454.8	5408100.2
T8100.0	505456.4	5408100.2	8795.90039	312.92	93.46	48.825858	-86.925659	56260.66	56251.7	-1.68	56258.98	56258.98047	56256.01872	56256.01953	505456.4	5408100.2
T8100.0	505457.5	5408100.2	8796.00000	312.43	93.46	48.825858	-86.925644	56261.30	56251.7	-1.68	56259.62	56259.62109	56256.65263	56256.65234	505457.5	5408100.2
T8100.0	505458.7	5408100.2	8796.09961	312.45	92.56	48.825858	-86.925629	56261.98	56251.7	-1.68	56260.29	56260.28906	56257.77726	56257.77734	505458.7	5408100.2
T8100.0	505460.2	5408100.2	8796.20020	309.14	91.99	48.825858	-86.925607	56262.71	56251.7	-1.68	56261.03	56261.03125	56260.03067	56260.03125	505460.2	5408100.2
T8100.0	505461.6	5408100.1	8796.29981	309.57	91.99	48.825857	-86.925589	56263.39	56251.7	-1.69	56261.70	56261.69922	56261.23467	56261.23438	505461.6	5408100.1
T8100.0	505461.6	5408100.1	8796.40039	308.77	86.06	48.825857	-86.925589	56264.05	56251.7	-1.69	56262.36	56262.35938	56262.32055	56262.32031	505461.6	5408100.1
T8100.0	505463.8	5408100.1	8796.50000	308.06	85.32	48.825857	-86.925559	56264.70	56251.7	-1.69	56263.00	56263.00000	56263.12686	56263.12500	505463.8	5408100.1
T8100.0	505463.8	5408100.1	8796.59961	309.43	80.81	48.825857	-86.925559	56265.27	56251.7	-1.69	56263.58	56263.57813	56263.00087	56263.00000	505463.8	5408100.1
T8100.0	505465.1	5408100.1	8796.70020	310.66	80.81	48.825857	-86.925541	56266.02	56251.7	-1.69	56264.33	56264.32813	56265.67055	56265.67188	505465.1	5408100.1
T8100.0	505466.3	5408100.1	8796.79981	310.02	83.53	48.825857	-86.925524	56266.69	56251.7	-1.70	56264.99	56264.98828	56266.93016	56266.92969	505466.3	5408100.1
T8100.0	505467.8	5408100.1	8796.90039	310.24	83.53	48.825857	-86.925504	56267.34	56251.7	-1.70	56265.64	56265.64063	56268.06883	56268.07031	505467.8	5408100.1
T8100.0	505467.8	5408100.1	8797.00000	310.09	84.54	48.825857	-86.925504	56267.93	56251.7	-1.70	56266.23	56266.23047	56268.25395	56268.25391	505467.8	5408100.1
T8100.0	505469.1	5408100.1	8797.09961	310.06	87.02	48.825857	-86.925486	56268.44	56251.7	-1.70	56266.74	56266.73828	56267.14787	56267.14844	505469.1	5408100.1
T8100.0	505470.3	5408100.1	8797.20020	309.73	87.68	48.825857	-86.925469	56268.93	56251.7	-1.70	56267.23	56267.23047	56265.75434	56265.75391	505470.3	5408100.1
T8100.0	505471.4	5408100.1	8797.29981	310.27	89.25	48.825857	-86.925455	56269.46	56251.7	-1.70	56267.76	56267.76172	56265.07979	56265.07813	505471.4	5408100.1
T8100.0	505472.4	5408100.0	8797.40039	311.35	89.25	48.825856	-86.925441	56270.08	56251.7	-1.70	56268.38	56268.37891	56265.94396	56265.94531	505472.4	5408100.0
T8100.0	505474.1	5408100.0	8797.50000	311.06	88.44	48.825856	-86.925418	56270.71	56251.7	-1.70	56269.01	56269.01172	56267.01784	56267.01953	505474.1	5408100.0
T8100.0	505474.9	5408100.0	8797.50000	311.06	88.44	48.825856	-86.925407	56271.33	56251.7	-1.70	56269.63	56269.62891	56267.97258	56267.97266	505474.9	5408100.0
T8100.0	505475.8	5408100.0	8797.59961	312.39	85.25	48.825856	-86.925395	56271.92	56251.7	-1.70	56270.22	56270.21875	56268.49105	56268.49219	505475.8	5408100.0
T8100.0	505475.8	5408100.0	8797.79981	310.60	81.5	48.825856	-86.925395	56272.60	56251.7	-1.70	56270.90	56270.89844	56270.48422	56270.48438	505475.8	5408100.0
T8100.0	505477.2	5408099.9	8797.90039	310.74	81.5	48.825855	-86.925376	56273.17	56251.7	-1.70	56271.47	56271.46875	56270.77652	56270.77734	505477.2	5408099.9
T8100.0	505478.8	5408099.9	8798.00000	310.50	82.63	48.825855	-86.925354	56273.82	56251.7	-1.70	56272.12	56272.12109	56272.36801	56272.36719	505478.8	5408099.9
T8100.0	505479.6	5408099.8	8798.09961	310.61	85.22	48.825854	-86.925343	56274.52	56251.7	-1.70	56272.82	56272.82031	56274.76647	56274.76563	505479.6	5408099.8
T8100.0	505480.8	5408099.8	8798.20020	310.34	80.06	48.825854	-86.925327	56275.14	56251.7	-1.70	56273.44	56273.44141	56275.96755	56275.96875	505480.8	5408099.8
T8100.0	505481.8	5408099.7	8798.29981	308.71	80.06	48.825854	-86.925313	56275.76	56251.7	-1.69	56274.07	56274.07031	56277.37087	56277.37109	505481.8	5408099.7
T8100.0	505481.8	5408099.7	8798.40039	306.46	83.42	48.825854	-86.925313	56276.25	56251.7	-1.69	56274.56	56274.55859	56276.69986	56276.69922	505481.8	5408099.7
T8100.0	505483.1	5408099.7	8798.50000	305.47	87.13	48.825853	-86.925295	56276.71	56251.7	-1.69	56275.02	56275.01953	56275.64017	56275.64063	505483.1	5408099.7
T8100.0	505484.3	5408099.6	8798.59961	305.37	86.88	48.825853	-86.925279	56277.22	56251.7	-1.69	56275.53	56275.53125	56275.39978	56275.39844	505484.3	5408099.6
T8100.0	505485.5	5408099.6	8798.70020	305.67	86.33	48.825852	-86.925263	56277.75	56251.7	-1.69	56276.07	56276.07031	56275.67192	56275.67188	505485.5	5408099.6
T8100.0	505486.7	5408099.5	8798.79981	305.82	86.33	48.825852	-86.925247	56278.29	56251.7	-1.68	56276.60	56276.60156	56275.84837	56275.84766	505486.7	5408099.5
T8100.0	505487.5	5408099.5	8798.90039	307.71	84.16	48.825851	-86.925235	56278.88	56251.7	-1.68	56277.20	56277.19922	56277.15963	56277.16016	505487.5	5408099.5
T8100.0	505488.4	5408099.5	8799.00000	308.43	85.66	48.825851	-86.925224	56279.41	56251.7	-1.68	56277.73	56277.73047	56277.45903	56277.46094	505488.4	5408099.5
T8100.0	505488.4	5408099.5	8799.09961	309.44	85.66	48.825851	-86.925224	56279.98	56251.7	-1.68	56278.30	56278.30078	56278.44931	56278.44922	505488.4	5408099.5
T8100.0	505490.3	5408099.4	8799.20020	309.93	85.61	48.825851	-86.925197	56280.57	56251.7	-1.68	56278.89	56278.89063	56279.84065	56279.83984	505490.3	5408099.4
T8100.0	505491.6	5408099.4	8799.29981	309.10	86.38	48.825850	-86.925180	56281.10	56251.7	-1.68	56279.42	56279.42188	56280.35818	56280.35938	505491.6	5408099.4
T8100.0	505491.6	5408099.4	8799.40039	311.18	86.38	48.825850	-86.925180	56281.54	56251.7	-1.68	56279.85	56279.85156	56279.29945	56279.30078	505491.6	5408099.4
T8100.0	505493.0	5408099.4	8799.50000	312.39	88.2	48.825850	-86.925160	56282.09	56251.7	-1.68	56280.40	56280.39844	56280.27977	56280.28125	505493.0	5408099.4
T8100.0	505494.5	5408099.3	8799.50000	312.39	89.21	48.825850	-86.925141	56282.61	56251.7	-1.68	56280.92	56280.92188	56280.84430	56280.84375	505494.5	5408099.3
T8100.0	505495.5	5408099.3	8799.59961	311.36	87.85	48.825850	-86.925126	56283.22	56251.7	-1.69	56281.53	56281.53125	56283.07428	56283.07422	505495.5	5408099.3
T8100.0	505496.6	5408099.3	8799.79981	312.64	86.02	48.825850	-86.925112	56283.70	56251.7	-1.69	56282.01	56282.01172	56283.13584	56283.13672	505496.6	5408099.3
T8100.0	505496.6	5408099.3	8799.90039	311.83	86.02	48.825850	-86.925112	56284.22	56251.7	-1.69	56282.53	56282.53125	56283.99937	56284.00000	505496.6	5408099.3
T8100.0	505498.1	5408099.3	8800.00000	312.86	88.32	48.825850	-86.925091	56284.70	56251.7	-1.69	56283.00	56283.00000	56284.03999	56284.03906	505498.1	5408099.3
T8100.0	505499.6	5408099.3	8800.09961	311.78	88.32	48.825850	-86.925071	56285.29	56251.7	-1.69	56283.60	56283.60156	56286.61409	56286.61328	505499.6	5408099.3
T8100.0	505500.7	5408099.3	8800.20020	310.99	88.33	48.825850	-86.925056	56285.70	56251.7	-1.69	56284.01	56284.01172	56285.70869	56285.70703	505500.7	5408099.3
T8100.0	505500.7	5408099.3	8800.29981	312.13	86.48	48.825850	-86.925056	56286.16	56251.7	-1.69	56284.47	56284.46875	56285.83475	56285.83594	505500.7	5408099.3
T8100.0	505502.1	5408099.3	8800.40039	313.00	88.04	48.825850	-86.925036	56286.62	56251.7	-1.69	56284.93	56284.92969	56286.05589	56286.05469	505502.1	5408099.3
T8100.0	505503.6	5408099.3	8800.50000	314.19	88.04	48.825849	-86.925016	56287.12	56251.7	-1.69	56285.44	56285.44141	56287.36536	56287.36719	505503.6	5408099.3
T8100.0	505504.2	5408099.3	8800.59961	312.96	86.76	48.825849	-86.925007	56287.66	56251.7	-1.68	56285.98	56285.98047	56289.39181	56289.39063	505504.2	5408099.3
T8100.0	505505.4	5408099.3	8800.70020	314.08	77.97	48.825849	-86.924992	56288.12	56251.7	-1.68	56286.43	56286.42969	56289.74453	56289.74609	505505.4	5408099.3
T8100.0	505506.6	5408099.3	8800.79981	312.95	77.97	48.825849	-86.924975	56288.53	56251.7	-1.68	56286.85	56286.85156	56289.60124	56289.60156	505506.6	5408099.3
T8100.0	505508.0	5408099.3	8800.90039	312.11	84.45	48.825849	-86.924957	56289.01	56251.7	-1.68	56287.33	56287.32813	56290.77425	56290.77344	505508.0	5408099.3
T8100.0	505509.2	5408099.2	8801.00000	313.03	82.49	48.825849	-86.924939	56289.38	56251.7	-1.68	56287.70	56287.69922	56289.83534	56289.83594	505509.2	5408099.2
T8100.0	505510.1	5408099.2	8801.09961	314.58	82.49	48.825849	-86.924928	56289.90	56251.7	-1.68	56288.22	56288.21875	56292.04267	56292.04297	505510.1	5408099.2
T8100.0	505510.1	5408099.2	8801.20020	313.06	83	48.825849	-86.924928	56290.32	56251.7	-1.68	56288.64	56288.64063	56292.33484	56292.33594	505510.1	5408099.2
T8100.0	505511.7	5408099.2	8801.29981	311.06	84.05	48.825849	-86.924905	56290.82	56251.7	-1.69	56289.13	56289.12891	56294.15253	56294.15234	505511.7	5408099.2
T8100.0	505513.0	5408099.2	8801.40039	310.89	84.05	48.825849	-86.924888	56291.26	56251.7	-1.69	56289.57	56289.57031	56295.06008	56295.05859	505513.0	5408099.2
T8100.0	505514.3	5408099.2	8801.50000	312.25	80.67	48.825849	-86.924870	56291.62	56251.7	-1.69	56289.93	56289.92969	56294.46070	56294.46094	505514.3	5408099.2
T8100.0	505514.3	5408099.2	8801.50000	312.25	80.51	48.825849	-86.924870	56291.98	56251.7	-1.69	56290.29	56290.28906	56293.97585	56293.97656	505514.3	5408099.2
T8100.0	505515.6	5408099.2	8801.59961	312.05	80.86	48.825849	-86.924852	56292.33	56251.7	-1.69	56290.64	56290.64063	56293.40729	56293.40625	505515.6	5408099.2
T8100.0	505516.7	5408099.2	8801.79981	314.02	80.86	48.825849	-86.924838	56292.81	56251.7	-1.70	56291.12	56291.12109	56295.51563	56295.51563	505516.7	5408099.2
T8100.0	505518.2	5408099.3	8801.90039	313.11	80.86	48.825849	-86.924817	56293.22	56251.7	-1.70	56291.53	56291.53125	56296.32963	56296.32813	505518.2	5408099.3
T8100.0	505519.1	5408099.3	8802.00000	313.76	81.6	48.825849	-86.924805	56293.53	56251.7	-1.70	56291.83	56291.82813	56295.10706	56295.10547	505519.1	5408099.3
T8100.0	505520.4	5408099.3	8802.09961	314.11	79.69	48.825849	-86.924787	56293.81	56251.7	-1.70	56292.10	56292.10156	56293.43597	56293.43750	505520.4	5408099.3
T8100.0	505521.8	5408099.3	8802.20020	312.83	79.69	48.825849	-86.924768	56294.22	56251.7	-1.70	56292.52	56292.51953	56294.74751	56294.74609	505521.8	5408099.3
T8100.0	505523.4	5408099.4	8802.29981	312.64	79.32	48.825850	-86.924747	56294.55	56251.7	-1.70	56292.84	56292.83984	56294.25087	56294.25000	505523.4	5408099.4
T8100.0	505523.4	5408099.4	8802.40039	311.62	80.6	48.825850	-86.924747	56294.91	56251.7	-1.70	56293.21	56293.21094	56294.79372	56294.79297	505523.4	5408099.4
T8100.0	505524.7	5408099.4	8802.50000	310.70	80.6	48.825850	-86.924729	56295.21	56251.7	-1.71	56293.51	56293.51172	56294.11787	56294.11719	505524.7	5408099.4
T8100.0	505526.2	5408099.4	8802.59961	310.89	81.85	48.825850	-86.924708	56295.57	56251.7	-1.71	56293.86	56293.85938	56294.46229	56294.46094	505526.2	5408099.4
T8100.0	505527.4	5408099.4	8802.70020	307.37	72.92	48.825850	-86.924692	56295.91	56251.7	-1.71	56294.20	56294.19922	56294.70118	56294.70313	505527.4	5408099.4
T8100.0	505527.4	5408099.4	8802.79981	305.68	72.92	48.825850	-86.924692	56296.18	56251.7	-1.71	56294.47	56294.46875	56293.72585	56293.72656	505527.4	5408099.4
T8100.0	505528.5	5408099.4	8802.90039	310.17	81.5	48.825850	-86.924676	56296.59	56251.7	-1.71	56294.88	56294.87891	56295.40277	56295.40234	505528.5	5408099.4
T8100.0	505529.8	5408099.4	8803.00000	309.55	81.5	48.825850	-86.924659	56296.97	56251.7	-1.71	56295.26	56295.26172	56296.59295	56296.59375	505529.8	5408099.4
T8100.0	505531.4	5408099.4	8803.09961	308.89	82.37	48.825850	-86.924638	56297.28	56251.7	-1.71	56295.57	56295.57031	56296.55919	56296.55859	505531.4	5408099.4

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
T8100.0	505532.7	5408099.5	8803.20020	308.64	80.61	48.825851	-86.924620	56297.51	56251.7	-1.71	56295.80	56295.80078	56295.11165	56295.11328	505532.7	5408099.5
T8100.0	505533.8	5408099.5	8803.29981	309.03	80.76	48.825851	-86.924604	56297.84	56251.7	-1.70	56296.14	56296.14063	56295.74311	56295.74219	505533.8	5408099.5
T8100.0	505533.8	5408099.5	8803.40039	310.61	80.76	48.825851	-86.924604	56298.16	56251.7	-1.70	56296.45	56296.44922	56295.87153	56295.87109	505533.8	5408099.5
T8100.0	505535.6	5408099.5	8803.50000	312.68	78.48	48.825851	-86.924580	56298.40	56251.7	-1.70	56296.70	56296.69922	56294.93427	56294.93359	505535.6	5408099.5
T8100.0	505537.2	5408099.5	8803.50000	312.68	78.48	48.825851	-86.924558	56298.76	56251.7	-1.70	56297.06	56297.05859	56296.07311	56296.07422	505537.2	5408099.5
T8100.0	505538.5	5408099.5	8803.59961	312.43	83.9	48.825851	-86.924540	56299.06	56251.7	-1.70	56297.36	56297.35938	56296.13644	56296.13672	505538.5	5408099.5
T8100.0	505538.5	5408099.5	8803.79981	312.84	76.02	48.825851	-86.924540	56299.32	56251.7	-1.69	56297.63	56297.62891	56295.67219	56295.67188	505538.5	5408099.5
T8100.0	505539.9	5408099.5	8803.90039	313.43	76.02	48.825851	-86.924522	56299.63	56251.7	-1.69	56297.94	56297.94141	56295.97760	56295.97656	505539.9	5408099.5
T8100.0	505539.9	5408099.5	8804.00000	315.16	77.15	48.825851	-86.924522	56299.96	56251.7	-1.69	56298.27	56298.26953	56296.67688	56296.67578	505539.9	5408099.5
T8100.0	505541.5	5408099.5	8804.09961	314.30	78.68	48.825851	-86.924500	56300.24	56251.7	-1.69	56298.55	56298.55078	56296.46169	56296.46094	505541.5	5408099.5
T8100.0	505542.8	5408099.5	8804.20020	312.75	78.68	48.825851	-86.924482	56300.49	56251.7	-1.69	56298.80	56298.80078	56295.70231	56295.70313	505542.8	5408099.5
T8100.0	505544.5	5408099.5	8804.29981	311.91	80.97	48.825851	-86.924458	56300.72	56251.7	-1.69	56299.03	56299.03125	56294.58573	56294.58594	505544.5	5408099.5
T8100.0	505544.5	5408099.5	8804.40039	311.87	80.97	48.825851	-86.924458	56301.04	56251.7	-1.69	56299.34	56299.33984	56294.95802	56294.95703	505544.5	5408099.5
T8100.0	505545.9	5408099.5	8804.50000	312.11	81.47	48.825851	-86.924440	56301.28	56251.7	-1.69	56299.59	56299.58984	56294.23037	56294.23047	505545.9	5408099.5
T8100.0	505547.2	5408099.6	8804.59961	310.11	75.97	48.825851	-86.924422	56301.56	56251.7	-1.70	56299.87	56299.87109	56294.05485	56294.05469	505547.2	5408099.6
T8100.0	505548.9	5408099.6	8804.70020	310.17	75.97	48.825852	-86.924398	56301.80	56251.7	-1.70	56300.10	56300.10156	56292.97659	56292.97656	505548.9	5408099.6
T8100.0	505548.9	5408099.6	8804.79981	308.92	78.55	48.825852	-86.924398	56302.18	56251.7	-1.70	56300.49	56300.48828	56294.75659	56294.75781	505548.9	5408099.6
T8100.0	505550.3	5408099.6	8804.90039	310.05	74.31	48.825852	-86.924380	56302.45	56251.7	-1.70	56300.75	56300.75000	56294.19142	56294.19141	505550.3	5408099.6
T8100.0	505551.7	5408099.6	8805.00000	310.17	74.31	48.825852	-86.924361	56302.72	56251.7	-1.70	56301.02	56301.01953	56293.78654	56293.78516	505551.7	5408099.6
T8100.0	505553.2	5408099.6	8805.09961	311.15	80.32	48.825852	-86.924340	56303.04	56251.7	-1.70	56301.34	56301.33984	56294.21528	56294.21484	505553.2	5408099.6
T8100.0	505554.6	5408099.6	8805.20020	313.12	82.73	48.825852	-86.924322	56303.36	56251.7	-1.70	56301.66	56301.66016	56294.59129	56294.58984	505554.6	5408099.6
T8100.0	505555.7	5408099.6	8805.29981	311.66	82.73	48.825852	-86.924307	56303.61	56251.7	-1.70	56301.91	56301.91016	56293.72790	56293.72656	505555.7	5408099.6
T8100.0	505555.7	5408099.6	8805.40039	308.98	84.32	48.825852	-86.924307	56303.98	56251.7	-1.70	56302.29	56302.28906	56294.98826	56294.98828	505555.7	5408099.6
T8100.0	505557.0	5408099.6	8805.50000	310.96	75.97	48.825852	-86.924288	56304.25	56251.7	-1.69	56302.56	56302.55859	56294.33373	56294.33203	505557.0	5408099.6
T8100.0	505558.6	5408099.6	8805.50000	310.96	75.97	48.825851	-86.924267	56304.60	56251.7	-1.69	56302.91	56302.91016	56294.92871	56294.92969	505558.6	5408099.6
T8100.0	505560.0	5408099.5	8805.59961	311.26	80.38	48.825851	-86.924248	56304.91	56251.7	-1.69	56303.22	56303.21875	56294.77523	56294.77344	505560.0	5408099.5
T8100.0	505560.0	5408099.5	8805.79981	309.41	79.76	48.825851	-86.924248	56305.24	56251.7	-1.69	56303.55	56303.55078	56294.85897	56294.85938	505560.0	5408099.5
T8100.0	505561.2	5408099.5	8805.90039	309.32	80.11	48.825851	-86.924232	56305.57	56251.7	-1.69	56303.88	56303.87891	56294.84437	56294.84375	505561.2	5408099.5
T8100.0	505562.6	5408099.5	8806.00000	308.84	80.11	48.825851	-86.924212	56305.91	56251.7	-1.69	56304.22	56304.21875	56294.89019	56294.89063	505562.6	5408099.5
T8100.0	505564.0	5408099.5	8806.09961	308.74	78.84	48.825850	-86.924194	56306.29	56251.7	-1.69	56304.59	56304.58984	56295.32168	56295.32031	505564.0	5408099.5
T8100.0	505565.2	5408099.4	8806.20020	311.63	80.13	48.825850	-86.924177	56306.64	56251.7	-1.70	56304.95	56304.94922	56295.47508	56295.47656	505565.2	5408099.4
T8100.0	505566.7	5408099.4	8806.29981	309.41	79.99	48.825850	-86.924157	56307.05	56251.7	-1.70	56305.35	56305.35156	56296.17396	56296.17578	505566.7	5408099.4
T8100.0	505566.7	5408099.4	8806.40039	310.20	79.99	48.825850	-86.924157	56307.39	56251.7	-1.71	56305.68	56305.67969	56295.58144	56295.58203	505566.7	5408099.4
T8100.0	505567.6	5408099.4	8806.50000	309.64	79.99	48.825850	-86.924144	56307.85	56251.7	-1.71	56306.14	56306.14063	56297.03850	56297.03906	505567.6	5408099.4
T8100.0	505568.9	5408099.4	8806.59961	309.71	83.07	48.825850	-86.924126	56308.20	56251.7	-1.71	56306.49	56306.48828	56296.50952	56296.50781	505568.9	5408099.4
T8100.0	505570.2	5408099.4	8806.70020	310.48	79.42	48.825850	-86.924108	56308.64	56251.7	-1.72	56306.92	56306.92188	56297.19563	56297.19531	505570.2	5408099.4
T8100.0	505571.2	5408099.4	8806.79981	311.18	79.83	48.825850	-86.924096	56308.99	56251.7	-1.72	56307.27	56307.26953	56296.36089	56296.35938	505571.2	5408099.4
T8100.0	505572.7	5408099.4	8806.90039	310.45	79.83	48.825850	-86.924075	56309.38	56251.7	-1.73	56307.65	56307.64844	56295.87694	56295.87500	505572.7	5408099.4
T8100.0	505574.0	5408099.4	8807.00000	310.93	82.65	48.825850	-86.924057	56309.86	56251.7	-1.73	56308.13	56308.12891	56296.98103	56296.98047	505574.0	5408099.4
T8100.0	505574.0	5408099.4	8807.09961	308.89	82.76	48.825850	-86.924057	56310.22	56251.7	-1.73	56308.49	56308.48828	56295.80717	56295.80859	505574.0	5408099.4
T8100.0	505575.3	5408099.4	8807.20020	310.14	73.24	48.825850	-86.924039	56310.63	56251.7	-1.73	56308.90	56308.89844	56295.33539	56295.33594	505575.3	5408099.4
T8100.0	505576.7	5408099.4	8807.29981	310.97	73.24	48.825850	-86.924021	56311.03	56251.7	-1.73	56309.30	56309.30078	56294.49753	56294.49609	505576.7	5408099.4
T8100.0	505578.0	5408099.4	8807.40039	310.07	75.73	48.825850	-86.924003	56311.57	56251.7	-1.73	56309.84	56309.83984	56296.01907	56296.01953	505578.0	5408099.4
T8100.0	505579.4	5408099.5	8807.50000	310.47	78.18	48.825850	-86.923984	56312.00	56251.7	-1.73	56310.27	56310.26953	56295.35797	56295.35938	505579.4	5408099.5
T8100.0	505580.4	5408099.5	8807.50000	310.47	77.72	48.825850	-86.923970	56312.55	56251.7	-1.73	56310.82	56310.82031	56296.72060	56296.71875	505580.4	5408099.5
T8100.0	505580.4	5408099.5	8807.59961	312.29	89	48.825850	-86.923970	56312.95	56251.7	-1.73	56311.21	56311.21094	56294.92517	56294.92578	505580.4	5408099.5
T8100.0	505581.8	5408099.5	8807.79981	313.58	89.14	48.825850	-86.923951	56313.52	56251.7	-1.73	56311.79	56311.78906	56296.47369	56296.47266	505581.8	5408099.5
T8100.0	505583.5	5408099.5	8807.90039	311.24	89.14	48.825850	-86.923927	56314.00	56251.7	-1.73	56312.27	56312.26953	56295.95229	56295.95313	505583.5	5408099.5
T8100.0	505583.5	5408099.5	8808.00000	310.17	84.57	48.825850	-86.923927	56314.61	56251.7	-1.73	56312.88	56312.87891	56297.67781	56297.67969	505583.5	5408099.5
T8100.0	505585.1	5408099.5	8808.09961	313.31	84.57	48.825851	-86.923905	56315.12	56251.7	-1.73	56313.39	56313.39063	56297.30511	56297.30469	505585.1	5408099.5
T8100.0	505586.2	5408099.5	8808.20020	315.01	88.75	48.825851	-86.923891	56315.68	56251.7	-1.73	56313.96	56313.96094	56297.85299	56297.85156	505586.2	5408099.5
T8100.0	505587.5	5408099.6	8808.29981	313.10	91.28	48.825851	-86.923873	56316.21	56251.7	-1.73	56314.49	56314.48828	56297.41718	56297.41797	505587.5	5408099.6
T8100.0	505588.6	5408099.6	8808.40039	313.75	91.76	48.825851	-86.923858	56316.83	56251.7	-1.73	56315.11	56315.10938	56298.46751	56298.46875	505588.6	5408099.6
T8100.0	505588.6	5408099.6	8808.50000	312.46	91.76	48.825851	-86.923858	56317.36	56251.7	-1.73	56315.64	56315.64063	56297.56836	56297.56641	505588.6	5408099.6
T8100.0	505590.1	5408099.6	8808.59961	310.80	91.46	48.825851	-86.923838	56318.00	56251.7	-1.72	56316.28	56316.28125	56298.53354	56298.53516	505590.1	5408099.6
T8100.0	505591.3	5408099.6	8808.70020	311.02	93.74	48.825852	-86.923822	56318.64	56251.7	-1.72	56316.92	56316.92188	56299.26313	56299.26172	505591.3	5408099.6
T8100.0	505592.5	5408099.7	8808.79981	312.84	93.74	48.825852	-86.923805	56319.36	56251.7	-1.72	56317.64	56317.64063	56301.28132	56301.28125	505592.5	5408099.7
T8100.0	505593.8	5408099.7	8808.90039	312.39	92.7	48.825852	-86.923787	56319.96	56251.7	-1.72	56318.24	56318.23828	56300.77605	56300.77734	505593.8	5408099.7
T8100.0	505595.3	5408099.7	8809.00000	311.16	94.02	48.825852	-86.923767	56320.68	56251.7	-1.72	56318.96	56318.96094	56302.32507	56302.32422	505595.3	5408099.7
T8100.0	505595.3	5408099.7	8809.09961	311.40	89.22	48.825852	-86.923767	56321.34	56251.7	-1.72	56319.62	56319.62109	56302.50835	56302.50781	505595.3	5408099.7
T8100.0	505596.6	5408099.7	8809.20020	308.22	89.22	48.825852	-86.923750	56322.02	56251.7	-1.72	56320.30	56320.30078	56302.85256	56302.85156	505596.6	5408099.7
T8100.0	505597.7	5408099.7	8809.29981	308.24	91.04	48.825853	-86.923735	56322.70	56251.7	-1.72	56320.98	56320.98047	56302.98699	56302.98828	505597.7	5408099.7
T8100.0	505598.7	5408099.8	8809.40039	310.86	88.57	48.825853	-86.923720	56323.56	56251.7	-1.72	56321.85	56321.85156	56306.41937	56306.41797	505598.7	5408099.8
T8100.0	505600.2	5408099.8	8809.40039	310.86	91.09	48.825853	-86.923699	56324.28	56251.7	-1.72	56322.56	56322.55859	56306.67267	56306.67188	505600.2	5408099.8
T8100.0	505601.5	5408099.8	8809.50000	312.11	91.09	48.825853	-86.923682	56325.07	56251.7	-1.71	56323.36	56323.35938	56308.34499	56308.34375	505601.5	5408099.8
T8100.0	505601.5	5408099.8	8809.59961	312.11	94.42	48.825853	-86.923682	56325.86	56251.7	-1.71	56324.15	56324.14844	56309.61236	56309.61328	505601.5	5408099.8
T8100.0	505602.8	5408099.8	8809.59961	311.24	93.36	48.825853	-86.923665	56326.66	56251.7	-1.71	56324.94	56324.94141	56310.66521	56310.66406	505602.8	5408099.8
T8100.0	505604.0	5408099.8	8809.79981	311.57	93.36	48.825853	-86.923648	56327.45	56251.7	-1.71	56325.73	56325.73047	56311.51476	56311.51563	505604.0	5408099.8
T8100.0	505604.9	5408099.8	8809.90039	312.71	95.33	48.825853	-86.923637	56328.34	56251.7	-1.71	56326.63	56326.62891	56313.97915	56313.98047	505604.9	5408099.8
T8100.0	505606.1	5408099.8	8810.00000	312.04	95.33	48.825853	-86.923620	56329.11	56251.7	-1.71	56327.40	56327.39844	56314.09998	56314.10156	505606.1	5408099.8
T8100.0	505607.3	5408099.9	8810.09961	310.76	94.93	48.825854	-86.923604	56330.03	56251.7	-1.71	56328.32	56328.32031	56316.41099	56316.41016	505607.3	5408099.9
T8100.0	505607.3	5408099.9	8810.20020	309.58	94.46	48.825854	-86.923604	56330.86	56251.7	-1.71	56329.14	56329.14063	56316.95601	56316.95703	505607.3	5408099.9
T8100.0	505608.9	5408099.9	8810.29981	308.98	95.19	48.825854	-86.923581	56331.81	56251.7	-1.72	56330.09	56330.08984	56319.25237	56319.25391	505608.9	5408099.9
T8100.0	505610.7	5408099.9	8810.50000	307.91	95.19	48.825854	-86.923556	56332.71	56251.7	-1.72	56330.99	56330.98828	56320.58677	56320.58594	505610.7	5408099.9
T8100.0	505610.7	5408099.9	8810.59961	306.77	90.95	48.825854	-86.923556	56333.60	56251.7	-1.72	56331.88	56331.87891	56321.59081	56321.58984	505610.7	5408099.9
T8100.0	505611.9	5408099.9	8810.70020	305.82	86.52	48.825854	-86.923540	56334.51	56251.7	-1.72	56332.78	56332.78125	56326.20471	56326.20313	505611.9	5408099.9
T8100.0	505613.1	5408099.9	8810.79981	305.88	86.52	48.825854	-86.923524	56335.41	56251.7	-1.73	56333.69	56333.69141	56326.61060	56326.60938	505613.1	5408099.9
T8100.0	505614.3	5408100.0	8810.90039	303.33	88.39	48.825854	-86.923509	56336.31	56251.7	-1.73	56334.58	56334.57813	56326.08369	56326.08203	505614.3	5408100.0
T8100.0	505615.2	5408100.0	8811.00000	303.55	94.84	48.825855	-86.923495	56337.30	56251.7	-1.73	56335.57	56335.57031	56327.99885	56328.00000	505615.2	5408100.0
T8100.0	505616.4	5408100.0	8811.09961	304.40	91.2	48.825855	-86.923479	56338.24	56251.7	-1.73	56336.51	56336.51172	56328.12838	56328.12891	505616.4	5408100.0
T8100.0	505616.4	5408100.0	8811.20020	304.23	88.36	48.825855	-86.923479	56339.26	56251.7	-1.73	56337.53	56337.53125	56330.02193	56330.02344	505616.4	5408100.0
T8100.0	505618.1	5408100.0	8811.29981	304.52	88.36	48.825855	-86.923457	56340.21	56251.7	-1.73	56338.48	56338.48047	56329.66874	56329.66797	505618.1	5408100.0
T8100.0	505618.5	5408100.0	8811.40039	304.26	87.32	48.825855	-86.923451	56341.38	56251.7	-1.73	56339.65	56339.64844	56334.67467	56334.67578	505618.5	5408100.0
T8100.0	505620.0	5408100.0	8811.50000	303.26	87.32	48.825855	-86.923430	56342.43	56251.7	-1.73	56340.70	56340.69922	56336.16402	56336.16406	505620.0	5408100.0
T8100.0	505620.0	5408100.0	8811.50000	303.26	84.03	48.825855	-86.923430	56343.47	56251.7	-1.73	56341.74	56341.73828	56337.03612	56337.03516	505620.0	5408100.0
T8100.0	505621.3	5408100.0	8811.59961	302.65	85.94	48.825855	-86.923413	56344.52	56251.7	-1.72	56342.80	56342.80078	56338.08103	56338.08203	505621.3	5408100.0
T8100.0	505622.2	5408100.0	8811.79981	305.77	88.81	48.825855	-86.923401	56345.56	56251.7	-1.72	56343.84	56343.83984	56338.24544	56338.24609	505622.2	5408100.0
T8100.0	505623.3	5408100.0	8811.90039	304.27	88.81	48.825855	-86.923385	56346.67	56251.7	-1.72	56344.95	56344.94922	56339.95146	56339.95313	505623.3	5408100.0
T8100.0	505623.3	5408100.0	8812.00000	306.51	91.41	48.825855	-86.923385	56347.78	56251.7	-1.72	56346.06	56346.05859	56341.36042	56341.35938	505623.3	5408100.0
T8100.0	505624.9	5408100.0	8812.09961	306.60	91.4	48.825855	-86.923364	56348.91	56251.7	-1.72	56347.19	56347.19141	56343.04309	56343.04297	505624.9	5408100.0
T8100.0	505626.1	5408100.0	8812.20020	308.14	91.4	48.825855	-86.923347	56350.04	56251.7	-1.72	56348.32	56348.32031	56344.45455	56344.45313	505626.1	5408100.0
T8100.0	505626.1	5408100.0	8812.29981	308.36	90.37	48.825855	-86.923347	56351.21	56251.7	-1.72	56349.49	56349.48828	56346.78725	56346.78906	505626.1	5408100.0
T8100.0	505627.1	5408100.0	8812.40039	308.03	91.98	48.825855	-86.923333	56352.33	56251.7	-1.72	56350.61	56350.60938	56344.90364	56344.90234	505627.1	5408100.0

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
T8100.0	505628.3	5408100.0	8812.50000	307.95	91.98	48.825855	-86.923317	56353.53	56251.7	-1.72	56351.81	56351.80859	56347.14065	56347.14063	505628.3	5408100.0
T8100.0	505629.3	5408100.0	8812.59961	308.23	90.3	48.825855	-86.923304	56354.60	56251.7	-1.72	56352.88	56352.87891	56347.51766	56347.51953	505629.3	5408100.0
T8100.0	505629.3	5408100.0	8812.70020	308.42	89.81	48.825855	-86.923304	56355.88	56251.7	-1.72	56354.15	56354.14844	56350.67828	56350.67969	505629.3	5408100.0
T8100.0	505630.4	5408100.0	8812.79981	310.01	79.98	48.825854	-86.923288	56357.05	56251.7	-1.72	56355.33	56355.32813	56352.53583	56352.53516	505630.4	5408100.0
T8100.0	505631.3	5408100.0	8812.90039	313.07	79.98	48.825854	-86.923277	56358.23	56251.7	-1.72	56356.51	56356.51172	56354.36266	56354.36328	505631.3	5408100.0
T8100.0	505632.4	5408100.0	8813.00000	312.73	90.37	48.825854	-86.923262	56359.39	56251.7	-1.72	56357.67	56357.67188	56355.86174	56355.86328	505632.4	5408100.0
T8100.0	505633.2	5408099.9	8813.09961	311.15	81.5	48.825854	-86.923251	56360.65	56251.7	-1.72	56358.93	56358.92969	56358.85199	56358.85156	505633.2	5408099.9
T8100.0	505634.1	5408099.9	8813.20020	310.80	84.07	48.825854	-86.923238	56361.77	56251.7	-1.72	56360.04	56360.03906	56359.54473	56359.54297	505634.1	5408099.9
T8100.0	505634.9	5408099.9	8813.29981	309.66	84.07	48.825854	-86.923227	56363.02	56251.7	-1.73	56361.29	56361.28906	56362.38235	56362.38281	505634.9	5408099.9
T8100.0	505634.9	5408099.9	8813.40039	308.23	94.04	48.825854	-86.923227	56364.14	56251.7	-1.73	56362.42	56362.42188	56363.35230	56363.35156	505634.9	5408099.9
T8100.0	505636.1	5408099.8	8813.50000	307.26	94.04	48.825853	-86.923210	56365.42	56251.7	-1.73	56363.69	56363.69141	56366.54007	56366.53906	505636.1	5408099.8
T8100.0	505637.1	5408099.8	8813.50000	307.26	94.77	48.825853	-86.923198	56366.52	56251.7	-1.73	56364.79	56364.78906	56367.03966	56367.03906	505637.1	5408099.8
T8100.0	505637.1	5408099.8	8813.59961	307.12	94.53	48.825853	-86.923198	56367.76	56251.7	-1.73	56366.03	56366.03125	56369.81256	56369.81250	505637.1	5408099.8
T8100.0	505638.4	5408099.8	8813.79981	308.79	94.53	48.825853	-86.923180	56368.94	56251.7	-1.74	56367.21	56367.21094	56371.65255	56371.65234	505638.4	5408099.8
T8100.0	505639.2	5408099.8	8813.90039	307.51	94.47	48.825853	-86.923169	56370.12	56251.7	-1.74	56368.38	56368.37891	56373.36710	56373.36719	505639.2	5408099.8
T8100.0	505639.2	5408099.8	8814.00000	309.51	94.79	48.825853	-86.923169	56371.29	56251.7	-1.74	56369.55	56369.55078	56375.12676	56375.12500	505639.2	5408099.8
T8100.0	505640.7	5408099.8	8814.09961	308.85	94.79	48.825852	-86.923148	56372.54	56251.7	-1.74	56370.80	56370.80078	56378.27754	56378.27734	505640.7	5408099.8
T8100.0	505641.5	5408099.8	8814.20020	310.37	93.45	48.825852	-86.923138	56373.69	56251.7	-1.74	56371.95	56371.94922	56379.81737	56379.81641	505641.5	5408099.8
T8100.0	505641.5	5408099.8	8814.29981	309.84	94.43	48.825852	-86.923138	56374.91	56251.7	-1.74	56373.17	56373.17188	56382.59300	56382.59375	505641.5	5408099.8
T8100.0	505642.3	5408099.8	8814.40039	312.92	94.43	48.825852	-86.923127	56376.01	56251.7	-1.74	56374.26	56374.26172	56383.24827	56383.25000	505642.3	5408099.8
T8100.0	505643.0	5408099.8	8814.50000	312.93	93.18	48.825852	-86.923117	56377.21	56251.7	-1.74	56375.47	56375.46875	56385.98056	56385.98047	505643.0	5408099.8
T8100.0	505643.8	5408099.8	8814.59961	312.34	92.8	48.825852	-86.923106	56378.36	56251.7	-1.75	56376.61	56376.60938	56387.60407	56387.60547	505643.8	5408099.8
T8100.0	505644.7	5408099.8	8814.70020	313.04	92.8	48.825852	-86.923094	56379.54	56251.7	-1.75	56377.79	56377.78906	56389.94779	56389.94922	505644.7	5408099.8
T8100.0	505645.5	5408099.8	8814.79981	311.98	91.79	48.825852	-86.923083	56380.61	56251.7	-1.75	56378.86	56378.85938	56390.55432	56390.55469	505645.5	5408099.8
T8100.0	505646.3	5408099.8	8814.90039	310.95	91.79	48.825852	-86.923072	56381.75	56251.7	-1.75	56380.00	56380.00000	56392.37078	56392.37109	505646.3	5408099.8
T8100.0	505646.3	5408099.8	8815.00000	312.49	91.79	48.825852	-86.923072	56382.85	56251.8	-1.75	56381.10	56381.10156	56393.61865	56393.61719	505646.3	5408099.8
T8100.0	505647.0	5408099.8	8815.09961	313.48	89.56	48.825852	-86.923062	56383.95	56251.7	-1.75	56382.20	56382.19922	56394.94486	56394.94531	505647.0	5408099.8
T8100.0	505647.0	5408099.8	8815.20020	313.15	88.34	48.825852	-86.923062	56384.96	56251.7	-1.75	56383.22	56383.21875	56395.16558	56395.16406	505647.0	5408099.8
T8100.0	505647.9	5408099.8	8815.29981	312.55	87.17	48.825853	-86.923050	56386.02	56251.7	-1.75	56384.27	56384.26953	56395.96239	56395.96094	505647.9	5408099.8
T8100.0	505648.8	5408099.8	8815.40039	309.08	87.17	48.825853	-86.923038	56387.14	56251.7	-1.75	56385.40	56385.39844	56397.99100	56397.99219	505648.8	5408099.8
T8100.0	505649.5	5408099.8	8815.50000	307.36	86.71	48.825853	-86.923029	56388.14	56251.7	-1.74	56386.39	56386.39063	56395.06541	56395.06641	505649.5	5408099.8
T8100.0	505650.4	5408099.8	8815.50000	307.36	86.71	48.825853	-86.923017	56389.20	56251.7	-1.74	56387.46	56387.46094	56397.10245	56397.10156	505650.4	5408099.8
T8100.0	505651.0	5408099.8	8815.59961	306.18	85.09	48.825853	-86.923008	56390.18	56251.7	-1.74	56388.43	56388.42969	56396.62465	56396.62500	505651.0	5408099.8
T8100.0	505651.0	5408099.8	8815.79981	304.91	85.09	48.825853	-86.923008	56391.14	56251.7	-1.74	56389.40	56389.39844	56396.62397	56396.62500	505651.0	5408099.8
T8100.0	505651.8	5408099.8	8815.90039	303.98	84.75	48.825853	-86.922997	56392.09	56251.7	-1.74	56390.35	56390.35156	56396.55841	56396.55859	505651.8	5408099.8
T8100.0	505652.3	5408099.8	8816.00000	302.90	83.86	48.825853	-86.922990	56393.06	56251.7	-1.74	56391.32	56391.32031	56397.47008	56397.46875	505652.3	5408099.8
T8100.0	505652.3	5408099.8	8816.09961	301.90	83.86	48.825853	-86.922990	56394.03	56251.7	-1.74	56392.29	56392.28906	56398.81092	56398.81250	505652.3	5408099.8
T8100.0	505653.0	5408099.9	8816.20020	302.14	83.86	48.825853	-86.922980	56394.97	56251.7	-1.74	56393.24	56393.23828	56400.10026	56400.10156	505653.0	5408099.9
T8100.0	505653.6	5408099.9	8816.29981	301.24	83.67	48.825853	-86.922972	56395.89	56251.7	-1.73	56394.16	56394.16016	56401.13316	56401.13281	505653.6	5408099.9
T8100.0	505654.2	5408099.9	8816.40039	303.12	83.16	48.825854	-86.922964	56396.81	56251.7	-1.73	56395.08	56395.07813	56402.66201	56402.66016	505654.2	5408099.9
T8100.0	505654.8	5408099.9	8816.50000	304.47	83.16	48.825854	-86.922956	56397.73	56251.7	-1.73	56396.00	56396.00000	56404.71726	56404.71875	505654.8	5408099.9
T8100.0	505654.8	5408099.9	8816.59961	304.06	82.28	48.825854	-86.922956	56398.60	56251.7	-1.73	56396.87	56396.87109	56406.11107	56406.10938	505654.8	5408099.9
T8100.0	505655.4	5408100.0	8816.70020	303.72	82.28	48.825854	-86.922948	56399.49	56251.7	-1.73	56397.76	56397.76172	56408.58549	56408.58594	505655.4	5408100.0
T8100.0	505656.0	5408100.0	8816.79981	303.65	81.26	48.825854	-86.922940	56400.36	56251.7	-1.72	56398.63	56398.62891	56411.18811	56411.18750	505656.0	5408100.0
T8100.0	505656.5	5408100.0	8816.90039	305.22	81.26	48.825854	-86.922933	56401.15	56251.7	-1.72	56399.43	56399.42969	56412.55481	56412.55469	505656.5	5408100.0
T8100.0	505656.5	5408100.0	8817.00000	306.15	79.08	48.825854	-86.922933	56401.99	56251.7	-1.72	56400.27	56400.26953	56415.64702	56415.64844	505656.5	5408100.0
T8100.0	505657.1	5408100.0	8817.09961	306.22	78.58	48.825855	-86.922925	56402.76	56251.7	-1.72	56401.04	56401.03906	56417.37507	56417.37500	505657.1	5408100.0
T8100.0	505657.6	5408100.1	8817.20020	306.39	78.58	48.825855	-86.922919	56403.57	56251.7	-1.72	56401.85	56401.85156	56419.48159	56419.48047	505657.6	5408100.1
T8100.0	505658.0	5408100.1	8817.29981	307.62	76.83	48.825855	-86.922912	56404.29	56251.7	-1.72	56402.56	56402.55859	56420.69128	56420.69141	505658.0	5408100.1
T8100.0	505658.5	5408100.1	8817.40039	310.34	75.14	48.825855	-86.922906	56405.00	56251.7	-1.72	56403.28	56403.28125	56422.28618	56422.28516	505658.5	5408100.1
T8100.0	505658.5	5408100.1	8817.50000	311.57	75.14	48.825855	-86.922906	56405.59	56251.7	-1.73	56403.86	56403.85938	56421.93441	56421.93359	505658.5	5408100.1
T8100.0	505658.9	5408100.1	8817.50000	311.57	72.19	48.825855	-86.922900	56406.23	56251.7	-1.73	56404.50	56404.50000	56422.67236	56422.67188	505658.9	5408100.1
T8100.0	505659.3	5408100.1	8817.59961	310.89	72.19	48.825855	-86.922895	56406.84	56251.7	-1.73	56405.11	56405.10938	56423.10142	56423.10156	505659.3	5408100.1
T8100.0	505659.7	5408100.1	8817.79981	312.68	72.46	48.825855	-86.922889	56407.43	56251.7	-1.73	56405.70	56405.69922	56423.37371	56423.37500	505659.7	5408100.1
T8100.0	505659.7	5408100.1	8817.90039	312.49	72.46	48.825855	-86.922889	56407.96	56251.7	-1.73	56406.23	56406.23047	56422.77000	56422.76953	505659.7	5408100.1
T8100.0	505660.1	5408100.1	8818.00000	313.06	75.36	48.825855	-86.922884	56408.55	56251.7	-1.73	56406.82	56406.82031	56423.44749	56423.44922	505660.1	5408100.1
T8100.0	505660.4	5408100.1	8818.09961	311.79	75.36	48.825855	-86.922880	56409.12	56251.7	-1.73	56407.39	56407.39063	56424.00286	56424.00391	505660.4	5408100.1
T8100.0	505660.8	5408100.1	8818.20020	310.57	77.9	48.825855	-86.922874	56409.72	56251.7	-1.73	56408.00	56408.00000	56425.58555	56425.58594	505660.8	5408100.1
T8100.0	505661.1	5408100.1	8818.29981	312.18	77.9	48.825855	-86.922870	56410.34	56251.7	-1.72	56408.62	56408.62109	56427.66480	56427.66406	505661.1	5408100.1
T8100.0	505661.4	5408100.1	8818.40039	313.79	78.51	48.825855	-86.922866	56410.95	56251.7	-1.72	56409.22	56409.21875	56429.66170	56429.66016	505661.4	5408100.1
T8100.0	505661.4	5408100.1	8818.50000	316.22	78.84	48.825855	-86.922866	56411.51	56251.7	-1.72	56409.79	56409.78906	56431.36198	56431.36328	505661.4	5408100.1
T8100.0	505661.8	5408100.1	8818.59961	314.27	78.84	48.825856	-86.922860	56412.20	56251.7	-1.72	56410.48	56410.48047	56435.78292	56435.78125	505661.8	5408100.1
T8100.0	505662.1	5408100.1	8818.70020	315.82	78.84	48.825856	-86.922857	56412.76	56251.7	-1.72	56411.05	56411.05078	56438.08890	56438.08984	505662.1	5408100.1
T8100.0	505662.1	5408100.1	8818.79981	316.59	78.84	48.825856	-86.922857	56413.38	56251.7	-1.71	56411.66	56411.66016	56441.50264	56441.50391	505662.1	5408100.1
T8100.0	505662.4	5408100.2	8818.90039	313.81	77.43	48.825856	-86.922853	56413.88	56251.7	-1.71	56412.17	56412.17188	56443.14748	56443.14844	505662.4	5408100.2
T8100.0	505662.7	5408100.2	8819.00000	311.60	77.43	48.825856	-86.922849	56414.44	56251.7	-1.71	56412.73	56412.73047	56446.09579	56446.09766	505662.7	5408100.2
T8100.0	505663.0	5408100.2	8819.09961	311.62	74.13	48.825856	-86.922845	56414.93	56251.7	-1.71	56413.22	56413.21875	56447.87034	56447.87109	505663.0	5408100.2
T8100.0	505663.0	5408100.2	8819.20020	313.36	74.8	48.825856	-86.922845	56415.46	56251.7	-1.71	56413.75	56413.75000	56450.74392	56450.74219	505663.0	5408100.2
T8100.0	505663.2	5408100.2	8819.29981	311.55	74.8	48.825857	-86.922841	56415.85	56251.7	-1.72	56414.13	56414.12891	56450.77393	56450.77344	505663.2	5408100.2
T8100.0	505663.5	5408100.3	8819.40039	313.41	73.41	48.825857	-86.922838	56416.26	56251.7	-1.72	56414.54	56414.53906	56451.68790	56451.68750	505663.5	5408100.3
T8100.0	505663.5	5408100.3	8819.50000	313.29	73.41	48.825857	-86.922838	56416.54	56251.7	-1.72	56414.82	56414.82031	56450.15999	56450.16016	505663.5	5408100.3
T8100.1	504300.6	5408100.4	5752.10010	228.77	0	48.825869	-86.941406	56050.32	56256.1	-6.09	56044.23	56044.23047	56027.46520	56027.46484	504300.6	5408100.4
T8100.1	504300.6	5408100.4	5752.20020	227.88	0	48.825869	-86.941406	56050.36	56256.1	-6.09	56044.26	56044.26172	56027.49766	56027.49609	504300.6	5408100.4
T8100.1	504300.8	5408100.3	5752.29981	228.64	0	48.825868	-86.941404	56050.50	56256.1	-6.09	56044.41	56044.41016	56027.51981	56027.51953	504300.8	5408100.3
T8100.1	504300.9	5408100.3	5752.39990	230.20	0	48.825868	-86.941402	56050.61	56256.1	-6.09	56044.51	56044.51172	56027.54298	56027.54297	504300.9	5408100.3
T8100.1	504300.9	5408100.3	5752.50000	229.19	0	48.825868	-86.941402	56050.48	56256.1	-6.10	56044.39	56044.39063	56027.57850	56027.57813	504300.9	5408100.3
T8100.1	504301.1	5408100.2	5752.60010	227.25	0	48.825867	-86.941399	56050.61	56256.1	-6.10	56044.51	56044.51172	56027.59569	56027.59375	504301.1	5408100.2
T8100.1	504301.3	5408100.2	5752.70020	224.74	0	48.825867	-86.941397	56050.66	56256.1	-6.10	56044.56	56044.55859	56027.61523	56027.61328	504301.3	5408100.2
T8100.1	504301.3	5408100.2	5752.79981	226.84	0	48.825867	-86.941397	56050.54	56256.1	-6.10	56044.44	56044.44141	56027.64378	56027.64453	504301.3	5408100.2
T8100.1	504301.4	5408100.2	5752.89990	228.01	0	48.825867	-86.941395	56050.43	56256.1	-6.10	56044.33	56044.32813	56027.66934	56027.66797	504301.4	5408100.2
T8100.1	504301.7	5408100.2	5753.00000	226.72	0	48.825867	-86.941392	56050.50	56256.1	-6.10	56044.40	56044.39844	56027.68058	56027.67969	504301.7	5408100.2
T8100.1	504301.7	5408100.2	5753.10010	228.90	0	48.825867	-86.941392	56050.31	56256.1	-6.10	56044.21	56044.21094	56027.70684	56027.70703	504301.7	5408100.2
T8100.1	504301.9	5408100.2	5753.20020	227.33	0	48.825867	-86.941389	56049.82	56256.1	-6.10	56043.72	56043.71875	56027.75079	56027.75000	504301.9	5408100.2
T8100.1	504302.1	5408100.1	5753.29981	226.52	0	48.825867	-86.941386	56049.37	56256.1	-6.10	56043.27	56043.26953	56027.78978	56027.78906	504302.1	5408100.1
T8100.1	504302.1	5408100.1	5753.39990	226.76	0	48.825867	-86.941386	56049.34	56256.1	-6.10	56043.24	56043.23828	56027.79846	56027.79688	504302.1	5408100.1
T8100.1	504302.4	5408100.1	5753.50000	231.24	0	48.825867	-86.941381	56049.19	56256.1	-6.10	56043.09	56043.08984	56027.81287	56027.81250	504302.4	5408100.1
T8100.1	504302.7	5408100.2	5753.60010	228.69	0	48.825867	-86.941377	56049.06	56256.1	-6.10	56042.96	56042.96094	56027.82366	56027.82422	504302.7	5408100.2
T8100.1	504302.7	5408100.2	5753.70020	228.89	0	48.825867	-86.941377	56049.02	56256.1	-6.10	56042.92	56042.92188	56027.82620	56027.82813	504302.7	5408100.2
T8100.1	504303.0	5408100.2	5753.79981	228.93	0	48.825867	-86.941373	56048.81	56256.1	-6.10	56042.71	56042.71094	56027.83781	56027.83594	504303.0	5408100.2
T8100.1	504303.4	5408100.2	5753.89990	229.69	0	48.825867	-86.941368	56048.86	56256.1	-6.10	56042.76	56042.76172	56027.82985	56027.82813	504303.4	5408100.2
T8100.1	504303.7	5408100.3	5754.00000	227.59	0	48.825868	-86.941364	56048.71	56256.1	-6.10	56042.61	56042.60938	56027.83300	56027.83203	504303.7	5408100.3
T8100.1	504303.7	5408100.3	5754.10010	226.76	0	48.825868	-86.941364	56048.68	56256.1	-6.10	56042.59	56042.58984	56027.82527	56027.82422	504303.7	5408100.3
T8100.1	504304.2	5408100.3	5754.20020	226.66	0	48.825868	-86.941357	56048.43	56256.1	-6.10	56042.33	56042.32813	56027.83134	56027.83203	504304.2	5408100.3

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
T8100.1	504304.5	5408100.4	5754.29981	225.51	0	48.825869	-86.941353	56048.28	56256.1	-6.09	56042.18	56042.17969	56027.82790	56027.82813	504304.5	5408100.4
T8100.1	504304.9	5408100.5	5754.39990	223.91	0	48.825869	-86.941348	56047.85	56256.1	-6.09	56041.76	56041.76172	56027.84030	56027.83984	504304.9	5408100.5
T8100.1	504304.9	5408100.5	5754.50000	224.22	0	48.825869	-86.941348	56047.45	56256.1	-6.09	56041.35	56041.35156	56027.84988	56027.85156	504304.9	5408100.5
T8100.1	504305.6	5408100.6	5754.60010	224.87	0	48.825871	-86.941339	56047.14	56256.1	-6.09	56041.05	56041.05078	56027.84999	56027.85156	504305.6	5408100.6
T8100.1	504305.6	5408100.6	5754.70020	226.27	0	48.825871	-86.941339	56046.91	56256.1	-6.09	56040.83	56040.82813	56027.84266	56027.84375	504305.6	5408100.6
T8100.1	504306.0	5408100.7	5754.79981	227.45	0	48.825871	-86.941332	56046.68	56256.1	-6.08	56040.60	56040.60156	56027.83389	56027.83203	504306.0	5408100.7
T8100.1	504306.6	5408100.8	5754.89990	228.63	0	48.825872	-86.941325	56046.20	56256.1	-6.08	56040.12	56040.12109	56027.83972	56027.83984	504306.6	5408100.8
T8100.1	504307.1	5408100.8	5755.00000	226.49	0	48.825873	-86.941318	56045.70	56256.1	-6.08	56039.62	56039.62109	56027.84480	56027.84375	504307.1	5408100.8
T8100.1	504307.1	5408100.8	5755.10010	228.17	0	48.825873	-86.941318	56045.29	56256.1	-6.08	56039.21	56039.21094	56027.84185	56027.84375	504307.1	5408100.8
T8100.1	504307.1	5408100.8	5755.20020	228.51	0	48.825873	-86.941318	56044.56	56256.1	-6.08	56038.49	56038.48828	56027.85752	56027.85938	504307.1	5408100.8
T8100.1	504307.7	5408101.0	5755.29981	229.96	0	48.825874	-86.941309	56044.23	56256.1	-6.08	56038.15	56038.14844	56027.84585	56027.84766	504307.7	5408101.0
T8100.1	504308.3	5408101.0	5755.39990	230.73	0	48.825874	-86.941301	56043.32	56256.1	-6.08	56037.24	56037.23828	56027.87017	56027.87109	504308.3	5408101.0
T8100.1	504308.9	5408101.1	5755.50000	230.67	0	48.825875	-86.941293	56042.99	56256.1	-6.07	56036.92	56036.92188	56027.85318	56027.85156	504308.9	5408101.1
T8100.1	504308.9	5408101.1	5755.60010	227.29	0	48.825875	-86.941293	56042.41	56256.1	-6.07	56036.33	56036.32813	56027.85222	56027.85156	504308.9	5408101.1
T8100.1	504309.6	5408101.2	5755.70020	225.67	0	48.825876	-86.941283	56042.26	56256.1	-6.07	56036.19	56036.19141	56027.81930	56027.82031	504309.6	5408101.2
T8100.1	504309.6	5408101.2	5755.79981	230.20	0	48.825876	-86.941283	56041.86	56256.1	-6.07	56035.78	56035.78125	56027.80243	56027.80078	504309.6	5408101.2
T8100.1	504310.3	5408101.2	5755.89990	230.70	0	48.825876	-86.941274	56042.26	56256.1	-6.07	56036.19	56036.19141	56027.72897	56027.73047	504310.3	5408101.2
T8100.1	504311.0	5408101.3	5756.00000	230.87	0	48.825877	-86.941264	56042.26	56256.1	-6.07	56036.19	56036.19141	56027.68093	56027.67969	504311.0	5408101.3
T8100.1	504311.6	5408101.3	5756.10010	233.74	0	48.825877	-86.941257	56042.16	56256.1	-6.07	56036.09	56036.08984	56027.63764	56027.63672	504311.6	5408101.3
T8100.1	504311.6	5408101.3	5756.20020	228.42	0	48.825877	-86.941257	56042.56	56256.1	-6.07	56036.49	56036.48828	56027.55913	56027.55859	504311.6	5408101.3
T8100.1	504312.2	5408101.3	5756.29981	228.61	0	48.825877	-86.941248	56042.54	56256.1	-6.07	56036.47	56036.46875	56027.50673	56027.50781	504312.2	5408101.3
T8100.1	504312.9	5408101.3	5756.39990	233.33	0	48.825877	-86.941239	56042.69	56256.1	-6.07	56036.61	56036.60938	56027.44179	56027.44141	504312.9	5408101.3
T8100.1	504312.9	5408101.3	5756.50000	231.79	0	48.825877	-86.941239	56042.96	56256.1	-6.07	56036.89	56036.89063	56027.36565	56027.36719	504312.9	5408101.3
T8100.1	504313.8	5408101.3	5756.60010	231.63	0	48.825877	-86.941226	56043.22	56256.1	-6.08	56037.14	56037.14063	56027.28965	56027.28906	504313.8	5408101.3
T8100.1	504314.4	5408101.2	5756.70020	232.74	0	48.825876	-86.941219	56042.94	56256.1	-6.08	56036.86	56036.85938	56027.24713	56027.24609	504314.4	5408101.2
T8100.1	504314.4	5408101.2	5756.79981	232.10	0	48.825876	-86.941219	56043.07	56256.1	-6.08	56036.99	56036.98828	56027.17543	56027.17578	504314.4	5408101.2
T8100.1	504315.3	5408101.2	5756.89990	232.79	0	48.825876	-86.941206	56043.06	56256.1	-6.08	56036.98	56036.98047	56027.11123	56027.10938	504315.3	5408101.2
T8100.1	504316.0	5408101.2	5757.00000	228.64	0	48.825876	-86.941196	56043.24	56256.1	-6.08	56037.16	56037.16016	56027.03253	56027.03125	504316.0	5408101.2
T8100.1	504316.0	5408101.2	5757.10010	228.46	0	48.825876	-86.941196	56043.45	56256.1	-6.08	56037.37	56037.37109	56026.95000	56026.94922	504316.0	5408101.2
T8100.1	504317.0	5408101.1	5757.20020	226.97	0	48.825875	-86.941183	56043.14	56256.1	-6.08	56037.07	56037.07031	56026.89965	56026.89844	504317.0	5408101.1
T8100.1	504317.9	5408101.1	5757.29981	226.53	0	48.825875	-86.941171	56042.79	56256.1	-6.07	56036.71	56036.71094	56026.85148	56026.85156	504317.9	5408101.1
T8100.1	504317.9	5408101.1	5757.39990	226.18	0	48.825875	-86.941171	56042.79	56256.1	-6.07	56036.71	56036.71094	56026.77750	56026.77734	504317.9	5408101.1
T8100.1	504318.8	5408101.0	5757.50000	226.00	0	48.825874	-86.941159	56042.66	56256.1	-6.07	56036.59	56036.58984	56026.70970	56026.71094	504318.8	5408101.0
T8100.1	504319.7	5408101.0	5757.60010	224.38	0	48.825874	-86.941146	56042.66	56256.1	-6.07	56036.60	56036.60156	56026.63143	56026.63281	504319.7	5408101.0
T8100.1	504319.7	5408101.0	5757.70020	222.82	0	48.825874	-86.941146	56042.41	56256.1	-6.07	56036.34	56036.33984	56026.56936	56026.57031	504319.7	5408101.0
T8100.1	504321.0	5408100.9	5757.79981	223.73	0	48.825874	-86.941129	56042.41	56256.1	-6.06	56036.35	56036.35156	56026.48749	56026.48828	504321.0	5408100.9
T8100.1	504321.0	5408100.9	5757.89990	222.78	0	48.825874	-86.941129	56042.11	56256.1	-6.06	56036.04	56036.03906	56026.42515	56026.42578	504321.0	5408100.9
T8100.1	504321.8	5408100.9	5758.00000	223.09	0	48.825873	-86.941117	56041.75	56256.1	-6.06	56035.69	56035.69141	56026.36369	56026.36328	504321.8	5408100.9
T8100.1	504322.7	5408100.9	5758.10010	223.63	0	48.825873	-86.941106	56041.68	56256.1	-6.06	56035.62	56035.62109	56026.28176	56026.28125	504322.7	5408100.9
T8100.1	504322.7	5408100.9	5758.20020	224.03	0	48.825873	-86.941106	56041.65	56256.1	-6.06	56035.59	56035.58984	56026.19538	56026.19531	504322.7	5408100.9
T8100.1	504323.6	5408100.9	5758.29981	225.98	0	48.825873	-86.941093	56041.43	56256.1	-6.06	56035.37	56035.37109	56026.11989	56026.12109	504323.6	5408100.9
T8100.1	504324.6	5408100.8	5758.39990	228.23	0	48.825873	-86.941080	56041.20	56256.1	-6.06	56035.14	56035.14063	56026.04327	56026.04297	504324.6	5408100.8
T8100.1	504325.6	5408100.8	5758.50000	226.71	0	48.825872	-86.941065	56040.92	56256.1	-6.06	56034.86	56034.85938	56025.96821	56025.96875	504325.6	5408100.8
T8100.1	504325.6	5408100.8	5758.60010	226.06	0	48.825872	-86.941065	56040.74	56256.1	-6.05	56034.68	56034.67969	56025.88471	56025.88281	504325.6	5408100.8
T8100.1	504327.0	5408100.8	5758.70020	228.17	0	48.825872	-86.941046	56040.16	56256.1	-6.05	56034.11	56034.10938	56025.82544	56025.82422	504327.0	5408100.8
T8100.1	504328.3	5408100.8	5758.79981	227.57	0	48.825872	-86.941029	56040.20	56256.1	-6.05	56034.15	56034.14844	56025.72373	56025.72266	504328.3	5408100.8
T8100.1	504328.3	5408100.8	5758.89990	231.02	0	48.825872	-86.941029	56040.26	56256.1	-6.05	56034.21	56034.21094	56025.61893	56025.61719	504328.3	5408100.8
T8100.1	504329.4	5408100.8	5759.00000	230.67	0	48.825872	-86.941014	56040.18	56256.1	-6.05	56034.13	56034.12891	56025.52171	56025.52344	504329.4	5408100.8
T8100.1	504330.4	5408100.7	5759.10010	228.94	0	48.825872	-86.941000	56039.68	56256	-6.05	56033.63	56033.62891	56025.45073	56025.44922	504330.4	5408100.7
T8100.1	504330.4	5408100.7	5759.20020	221.14	0	48.825872	-86.941000	56039.70	56256	-6.05	56033.66	56033.66016	56025.34268	56025.34375	504330.4	5408100.7
T8100.1	504331.8	5408100.7	5759.29981	222.28	0	48.825872	-86.940982	56039.25	56256	-6.04	56033.21	56033.21094	56025.26489	56025.26563	504331.8	5408100.7
T8100.1	504331.8	5408100.7	5759.39990	232.18	0	48.825872	-86.940982	56039.22	56256	-6.04	56033.18	56033.17969	56025.15737	56025.15625	504331.8	5408100.7
T8100.1	504333.0	5408100.7	5759.50000	231.53	0	48.825871	-86.940965	56038.71	56256	-6.04	56032.67	56032.67188	56025.08013	56025.08203	504333.0	5408100.7
T8100.1	504333.0	5408100.7	5759.60010	231.77	0	48.825871	-86.940965	56038.39	56256	-6.04	56032.35	56032.35156	56024.98850	56024.98828	504333.0	5408100.7
T8100.1	504334.2	5408100.7	5759.70020	231.11	0	48.825871	-86.940949	56038.54	56256	-6.04	56032.51	56032.51172	56024.86318	56024.86328	504334.2	5408100.7
T8100.1	504335.3	5408100.7	5759.79981	232.13	0	48.825871	-86.940934	56038.08	56256	-6.03	56032.04	56032.03906	56024.77815	56024.77734	504335.3	5408100.7
T8100.1	504335.3	5408100.7	5759.89990	231.80	0	48.825871	-86.940934	56037.96	56256	-6.03	56031.93	56031.92969	56024.66745	56024.66797	504335.3	5408100.7
T8100.1	504336.6	5408100.7	5760.00000	226.60	0	48.825871	-86.940916	56037.58	56256	-6.03	56031.55	56031.55078	56024.57307	56024.57422	504336.6	5408100.7
T8100.1	504337.8	5408100.6	5760.10010	224.70	0	48.825871	-86.940900	56037.40	56256	-6.03	56031.37	56031.37109	56024.46370	56024.46484	504337.8	5408100.6
T8100.1	504337.8	5408100.6	5760.20020	231.38	0	48.825871	-86.940900	56037.33	56256	-6.03	56031.30	56031.30078	56024.34536	56024.34375	504337.8	5408100.6
T8100.1	504338.9	5408100.6	5760.29981	230.95	0	48.825871	-86.940885	56036.84	56256	-6.03	56030.82	56030.82031	56024.25271	56024.25391	504338.9	5408100.6
T8100.1	504339.9	5408100.6	5760.39990	231.34	0	48.825871	-86.940871	56036.39	56256	-6.03	56030.36	56030.35938	56024.15711	56024.15625	504339.9	5408100.6
T8100.1	504339.9	5408100.6	5760.50000	230.58	0	48.825871	-86.940871	56036.44	56256	-6.02	56030.41	56030.41016	56024.02592	56024.02734	504339.9	5408100.6
T8100.1	504341.2	5408100.6	5760.60010	230.81	0	48.825871	-86.940853	56035.96	56256	-6.02	56029.94	56029.94141	56023.92781	56023.92969	504341.2	5408100.6
T8100.1	504342.3	5408100.6	5760.70020	231.01	0	48.825870	-86.940839	56035.83	56256	-6.02	56029.81	56029.80859	56023.80546	56023.80469	504342.3	5408100.6
T8100.1	504343.4	5408100.6	5760.79981	224.92	0	48.825870	-86.940823	56035.38	56256	-6.02	56029.36	56029.35938	56023.70291	56023.70313	504343.4	5408100.6
T8100.1	504343.4	5408100.6	5760.89990	224.20	0	48.825870	-86.940823	56035.10	56256	-6.02	56029.08	56029.07813	56023.58749	56023.58594	504343.4	5408100.6
T8100.1	504344.7	5408100.6	5761.00000	225.69	0	48.825870	-86.940806	56034.69	56256	-6.02	56028.67	56028.67188	56023.47924	56023.48047	504344.7	5408100.6
T8100.1	504345.9	5408100.6	5761.10010	224.18	0	48.825870	-86.940789	56034.42	56256	-6.02	56028.40	56028.39844	56023.36017	56023.35938	504345.9	5408100.6
T8100.1	504347.0	5408100.6	5761.20020	222.61	0	48.825870	-86.940774	56034.26	56256	-6.02	56028.24	56028.23828	56023.23231	56023.23047	504347.0	5408100.6
T8100.1	504348.3	5408100.6	5761.29981	223.99	0	48.825870	-86.940756	56033.84	56256	-6.02	56027.82	56027.82031	56023.12036	56023.12109	504348.3	5408100.6
T8100.1	504348.3	5408100.6	5761.39990	221.74	0	48.825870	-86.940756	56033.58	56256	-6.02	56027.56	56027.55859	56022.99633	56022.99609	504348.3	5408100.6
T8100.1	504348.3	5408100.6	5761.50000	221.48	0	48.825870	-86.940756	56033.31	56256	-6.01	56027.29	56027.28906	56022.87159	56022.87109	504348.3	5408100.6
T8100.1	504350.8	5408100.6	5761.70020	222.35	0	48.825870	-86.940722	56032.67	56256	-6.01	56026.65	56026.64844	56022.77017	56022.76953	504350.8	5408100.6
T8100.1	504351.8	5408100.6	5761.79981	222.02	0	48.825870	-86.940709	56032.34	56256	-6.01	56026.33	56026.32813	56022.64609	56022.64453	504351.8	5408100.6
T8100.1	504352.9	5408100.6	5761.89990	220.58	0	48.825870	-86.940694	56032.20	56256	-6.01	56026.18	56026.17969	56022.50940	56022.50781	504352.9	5408100.6
T8100.1	504352.9	5408100.6	5762.00000	220.18	0	48.825870	-86.940694	56031.88	56256	-6.01	56025.87	56025.87109	56022.38212	56022.38281	504352.9	5408100.6
T8100.1	504354.1	5408100.6	5762.10010	221.40	0	48.825870	-86.940677	56031.43	56256	-6.01	56025.42	56025.42188	56022.26296	56022.26172	504354.1	5408100.6
T8100.1	504354.1	5408100.6	5762.20020	225.30	0	48.825870	-86.940677	56031.08	56256	-6.02	56025.06	56025.05859	56022.13663	56022.13672	504354.1	5408100.6
T8100.1	504356.0	5408100.5	5762.29981	223.69	0	48.825870	-86.940652	56030.92	56256	-6.02	56024.90	56024.89844	56021.99581	56021.99609	504356.0	5408100.5
T8100.1	504356.0	5408100.5	5762.39990	223.98	0	48.825870	-86.940652	56030.49	56256	-6.02	56024.47	56024.46875	56021.87190	56021.87109	504356.0	5408100.5
T8100.1	504357.4	5408100.5	5762.50000	223.30	0	48.825870	-86.940632	56030.14	56256	-6.03	56024.12	56024.12109	56021.74160	56021.74219	504357.4	5408100.5
T8100.1	504358.5	5408100.5	5762.60010	223.99	0	48.825870	-86.940618	56029.74	56256	-6.03	56023.71	56023.71094	56021.61429	56021.61328	504358.5	5408100.5
T8100.1	504359.8	5408100.5	5762.70020	222.07	0	48.825869	-86.940601	56029.46	56256	-6.03	56023.43	56023.42969	56021.47734	56021.47656	504359.8	5408100.5
T8100.1	504359.8	5408100.5	5762.79981	222.51	0	48.825869	-86.940601	56029.23	56256	-6.03	56023.20	56023.19922	56021.33614	56021.33594	504359.8	5408100.5
T8100.1	504360.9	5408100.5	5762.89990	221.90	0	48.825869	-86.940585	56028.90	56256	-6.04	56022.86	56022.85938	56021.20141	56021.20313	504360.9	5408100.5
T8100.1	504360.9	5408100.5	5763.00000	222.86	0	48.825869	-86.940585	56028.40	56256	-6.04	56022.36	56022.35938	56021.07653	56021.07813	504360.9	5408100.5
T8100.1	504362.2	5408100.5	5763.10010	222.87	0	48.825869	-86.940567	56027.84	56256	-6.04	56021.81	56021.80859	56020.95422	56020.95313	504362.2	5408100.5
T8100.1	504363.3	5408100.5	5763.20020	222.86	0	48.825869	-86.940552	56027.76	56256	-6.03	56021.73	56021.73047	56020.79987	56020.80078	504363.3	5408100.5
T8100.1	504364.4	5408100.5	5763.29981	220.89	0	48.825869	-86.940537	56027.34	56256	-6.03	56021.31	56021.30859	56020.66754	56020.66797	504364.4	5408100.5
T8100.1	504364.4	5408100.5	5763.39990	221.50	0	48.825869	-86.940537	56026.88	56256	-6.02	56020.86	56020.85938	56020.53663	56020.53516	504364.4	5408100.5
T8100.1	504366.1	5408100.5	5763.50000	222.53	0	48.825869	-86.940513	56026.47	56256	-6.02	56020.45	56020.44922	56020.40253	56020.40234	504366.1	5408100.5
T8100.1	504367.3	5408100.5	5763.60010	222.31	0	48.825869	-86.940497	56026.04	56256	-6.02	56020.03	56020.03125	56020.26864	56020.26953	504367.3	5408100.5

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
T8100.1	504367.3	5408100.5	5763.70020	222.39	0	48.825869	-86.940497	56025.79	56256	-6.01	56019.78	56019.78125	56020.12302	56020.12109	504367.3	5408100.5
T8100.1	504368.7	5408100.5	5763.79981	221.35	0	48.825869	-86.940479	56025.36	56256	-6.01	56019.35	56019.35156	56019.98909	56019.98828	504368.7	5408100.5
T8100.1	504370.1	5408100.5	5763.89990	221.15	0	48.825869	-86.940460	56024.93	56256	-6.00	56018.93	56018.92969	56019.85424	56019.85547	504370.1	5408100.5
T8100.1	504370.1	5408100.5	5764.00000	222.29	0	48.825869	-86.940460	56024.52	56256	-6.00	56018.52	56018.51953	56019.71855	56019.71875	504370.1	5408100.5
T8100.1	504371.8	5408100.5	5764.10010	222.59	0	48.825869	-86.940436	56024.02	56256	-6.00	56018.02	56018.01953	56019.58876	56019.58984	504371.8	5408100.5
T8100.1	504373.2	5408100.4	5764.20020	220.56	0	48.825869	-86.940417	56023.74	56256	-6.00	56017.74	56017.73828	56019.44428	56019.44531	504373.2	5408100.4
T8100.1	504374.4	5408100.5	5764.29981	220.10	0	48.825869	-86.940401	56023.14	56256	-6.01	56017.13	56017.12891	56019.32186	56019.32031	504374.4	5408100.5
T8100.1	504375.8	5408100.4	5764.60010	220.98	0	48.825869	-86.940382	56021.89	56256	-6.01	56015.88	56015.87891	56019.24224	56019.24219	504375.8	5408100.4
T8100.1	504377.2	5408100.5	5764.70020	221.51	0	48.825869	-86.940363	56021.44	56256	-6.01	56015.43	56015.42969	56019.10952	56019.10938	504377.2	5408100.5
T8100.1	504378.4	5408100.5	5764.79981	223.14	0	48.825869	-86.940346	56020.91	56256	-6.02	56014.89	56014.89063	56018.98311	56018.98438	504378.4	5408100.5
T8100.1	504378.4	5408100.5	5764.89990	223.76	0	48.825869	-86.940346	56020.50	56256	-6.02	56014.49	56014.48828	56018.84776	56018.84766	504378.4	5408100.5
T8100.1	504379.4	5408100.5	5765.00000	225.27	0	48.825869	-86.940333	56020.07	56256	-6.02	56014.05	56014.05078	56018.71556	56018.71484	504379.4	5408100.5
T8100.1	504380.8	5408100.5	5765.10010	222.28	0	48.825869	-86.940314	56019.64	56256	-6.02	56013.63	56013.62891	56018.58260	56018.58203	504380.8	5408100.5
T8100.1	504381.9	5408100.4	5765.20020	223.54	0	48.825869	-86.940298	56019.27	56256	-6.01	56013.25	56013.25000	56018.44764	56018.44922	504381.9	5408100.4
T8100.1	504381.9	5408100.4	5765.29981	221.29	0	48.825869	-86.940298	56018.78	56256	-6.01	56012.77	56012.76953	56018.32011	56018.32031	504381.9	5408100.4
T8100.1	504387.4	5408100.4	5765.89990	220.84	0	48.825869	-86.940223	56015.72	56256	-5.98	56009.74	56009.73828	56018.36343	56018.36328	504387.4	5408100.4
T8100.1	504389.2	5408100.4	5766.00000	223.71	0	48.825868	-86.940200	56015.27	56256	-5.98	56009.29	56009.28906	56018.23569	56018.23438	504389.2	5408100.4
T8100.1	504390.3	5408100.4	5766.10010	223.49	0	48.825868	-86.940185	56014.79	56256	-5.98	56008.80	56008.80078	56018.11165	56018.11328	504390.3	5408100.4
T8100.1	504391.7	5408100.4	5766.20020	223.02	0	48.825868	-86.940165	56014.46	56256	-5.99	56008.47	56008.46875	56017.97809	56017.97656	504391.7	5408100.4
T8100.1	504391.7	5408100.4	5766.29981	220.78	0	48.825868	-86.940165	56013.80	56256	-5.99	56007.81	56007.80859	56017.86775	56017.86719	504391.7	5408100.4
T8100.1	504394.6	5408100.4	5766.60010	220.37	0	48.825868	-86.940126	56012.28	56256	-6.00	56006.27	56006.26953	56017.81741	56017.81641	504394.6	5408100.4
T8100.1	504402.8	5408100.4	5767.29981	222.43	0	48.825868	-86.940014	56008.70	56256	-6.01	56002.69	56002.69141	56017.90448	56017.90625	504402.8	5408100.4
T8100.1	504402.8	5408100.4	5767.39990	224.65	0	48.825868	-86.940014	56007.98	56256	-6.00	56001.98	56001.98047	56017.80173	56017.80078	504402.8	5408100.4
T8100.1	504404.0	5408100.4	5767.50000	223.67	0	48.825868	-86.939997	56007.43	56256	-6.00	56001.43	56001.42969	56017.68993	56017.69141	504404.0	5408100.4
T8100.1	504405.7	5408100.4	5767.60010	222.67	0	48.825868	-86.939975	56007.02	56256	-6.00	56001.02	56001.01953	56017.57049	56017.57031	504405.7	5408100.4
T8100.1	504405.7	5408100.4	5767.70020	220.92	0	48.825868	-86.939975	56006.62	56256	-5.99	56000.63	56000.62891	56017.45151	56017.45313	504405.7	5408100.4
T8100.1	504407.5	5408100.4	5767.79981	221.59	0	48.825868	-86.939950	56006.12	56256	-5.99	56000.13	56000.12891	56017.34174	56017.33984	504407.5	5408100.4
T8100.1	504407.5	5408100.4	5767.89990	221.58	0	48.825868	-86.939950	56005.40	56256	-5.98	55999.42	55999.42188	56017.24795	56017.24609	504407.5	5408100.4
T8100.1	504408.9	5408100.4	5768.00000	221.36	0	48.825868	-86.939931	56005.00	56256	-5.98	55999.02	55999.01953	56017.13555	56017.13672	504408.9	5408100.4
T8100.1	504414.3	5408100.5	5768.60010	220.57	0	48.825869	-86.939857	56002.09	56256	-5.98	55996.11	55996.10938	56017.19264	56017.19141	504414.3	5408100.5
T8100.1	504416.2	5408100.5	5768.70020	222.75	0	48.825869	-86.939831	56001.33	56256	-5.98	55995.35	55995.35156	56017.10862	56017.10938	504416.2	5408100.5
T8100.1	504417.6	5408100.5	5768.79981	223.63	0	48.825869	-86.939813	56000.95	56256	-5.98	55994.97	55994.96875	56017.00157	56017.00000	504417.6	5408100.5
T8100.1	504417.6	5408100.5	5768.89990	222.37	0	48.825869	-86.939813	56000.57	56256	-5.98	55994.59	55994.58984	56016.89693	56016.89844	504417.6	5408100.5
T8100.1	504418.9	5408100.6	5769.00000	223.62	0	48.825869	-86.939795	56000.27	56256	-5.98	55994.29	55994.28906	56016.78941	56016.78906	504418.9	5408100.6
T8100.1	504420.5	5408100.6	5769.10010	224.38	0	48.825870	-86.939773	55999.69	56256	-5.98	55993.71	55993.71094	56016.70311	56016.70313	504420.5	5408100.6
T8100.1	504420.5	5408100.6	5769.20020	224.26	0	48.825870	-86.939773	55999.21	56256	-5.98	55993.22	55993.21875	56016.61342	56016.61328	504420.5	5408100.6
T8100.1	504422.3	5408100.6	5769.29981	223.40	0	48.825870	-86.939749	55999.00	56256	-5.99	55993.02	55993.01953	56016.50708	56016.50781	504422.3	5408100.6
T8100.1	504423.4	5408100.6	5769.39990	222.64	0	48.825870	-86.939733	55998.68	56256	-5.99	55992.69	55992.69141	56016.41216	56016.41406	504423.4	5408100.6
T8100.1	504423.4	5408100.6	5769.50000	221.05	0	48.825870	-86.939733	55998.04	56256	-5.99	55992.05	55992.05078	56016.34072	56016.33984	504423.4	5408100.6
T8100.1	504428.9	5408100.7	5769.89990	220.29	0	48.825871	-86.939659	55997.00	56256	-6.00	55991.01	55991.01172	56016.29882	56016.29688	504428.9	5408100.7
T8100.1	504429.9	5408100.7	5770.10010	220.23	0	48.825871	-86.939645	55996.38	56256	-6.00	55990.38	55990.37891	56016.23251	56016.23438	504429.9	5408100.7
T8100.1	504432.6	5408100.7	5770.29981	220.86	0	48.825871	-86.939608	55996.02	56256	-5.99	55990.03	55990.03125	56016.15051	56016.15234	504432.6	5408100.7
T8100.1	504432.6	5408100.7	5770.39990	220.87	0	48.825871	-86.939608	55995.79	56256	-5.99	55989.80	55989.80078	56016.06354	56016.06250	504432.6	5408100.7
T8100.1	504433.9	5408100.8	5770.60010	221.69	0	48.825871	-86.939590	55995.39	56256	-5.99	55989.40	55989.39844	56015.99098	56015.99219	504433.9	5408100.8
T8100.1	504435.9	5408100.8	5770.70020	223.92	0	48.825871	-86.939563	55995.29	56256	-5.99	55989.30	55989.30078	56015.90154	56015.90234	504435.9	5408100.8
T8100.1	504437.4	5408100.8	5770.79981	224.04	0	48.825872	-86.939543	55995.14	56256	-5.98	55989.15	55989.14844	56015.81859	56015.82031	504437.4	5408100.8
T8100.1	504437.4	5408100.8	5770.89990	224.19	0	48.825872	-86.939543	55994.91	56256	-5.98	55988.92	55988.92188	56015.74416	56015.74609	504437.4	5408100.8
T8100.1	504439.1	5408100.9	5771.00000	223.94	0	48.825872	-86.939519	55994.75	56256	-5.98	55988.77	55988.76953	56015.66763	56015.66797	504439.1	5408100.9
T8100.1	504440.7	5408100.9	5771.10010	220.86	0	48.825872	-86.939498	55994.86	56256	-5.98	55988.88	55988.87891	56015.57702	56015.57813	504440.7	5408100.9
T8100.1	504440.7	5408100.9	5771.20020	221.35	0	48.825872	-86.939498	55994.75	56256	-5.98	55988.77	55988.76953	56015.50435	56015.50391	504440.7	5408100.9
T8100.1	504442.5	5408100.9	5771.29981	220.95	0	48.825873	-86.939473	55994.52	56256	-5.98	55988.54	55988.53906	56015.44298	56015.44141	504442.5	5408100.9
T8100.1	504444.2	5408101.0	5771.39990	221.10	0	48.825873	-86.939450	55994.63	56256	-5.98	55988.64	55988.64063	56015.36294	56015.36328	504444.2	5408101.0
T8100.1	504444.2	5408101.0	5771.50000	221.29	0	48.825873	-86.939450	55994.66	56256	-5.99	55988.67	55988.67188	56015.29090	56015.28906	504444.2	5408101.0
T8100.1	504445.8	5408101.0	5771.60010	221.07	0	48.825873	-86.939428	55994.50	56256	-5.99	55988.52	55988.51953	56015.23421	56015.23438	504445.8	5408101.0
T8100.1	504448.5	5408101.1	5772.00000	220.13	0	48.825874	-86.939392	55994.43	56256	-5.99	55988.44	55988.44141	56015.17621	56015.17578	504448.5	5408101.1
T8100.1	504450.5	5408101.1	5772.10010	220.50	0	48.825874	-86.939364	55994.50	56256	-5.99	55988.51	55988.51172	56015.11158	56015.11328	504450.5	5408101.1
T8100.1	504452.4	5408101.1	5772.20020	220.86	0	48.825874	-86.939338	55994.81	56256	-5.99	55988.81	55988.80859	56015.03499	56015.03516	504452.4	5408101.1
T8100.1	504463.2	5408101.2	5773.20020	221.51	0	48.825875	-86.939191	55995.46	56256	-6.01	55989.46	55989.46094	56014.93844	56014.93750	504463.2	5408101.2
T8100.1	504463.2	5408101.2	5773.29981	222.13	0	48.825875	-86.939191	55995.64	56256	-6.00	55989.64	55989.64063	56014.87660	56014.87500	504463.2	5408101.2
T8100.1	504464.7	5408101.2	5773.39990	222.05	0	48.825875	-86.939171	55995.64	56256	-6.00	55989.64	55989.64063	56014.83013	56014.83203	504464.7	5408101.2
T8100.1	504466.2	5408101.3	5773.50000	223.44	0	48.825875	-86.939151	55995.56	56256	-6.00	55989.56	55989.55859	56014.79236	56014.79297	504466.2	5408101.3
T8100.1	504466.2	5408101.3	5773.60010	223.71	0	48.825875	-86.939151	55995.87	56256	-6.00	55989.87	55989.87109	56014.73195	56014.73047	504466.2	5408101.3
T8100.1	504467.3	5408101.3	5773.70020	223.89	0	48.825875	-86.939135	55995.99	56256	-6.00	55990.00	55990.00000	56014.68690	56014.68750	504467.3	5408101.3
T8100.1	504468.9	5408101.3	5773.79981	224.08	0	48.825875	-86.939114	55996.12	56256	-5.99	55990.13	55990.12891	56014.64519	56014.64453	504468.9	5408101.3
T8100.1	504470.2	5408101.3	5773.89990	224.91	0	48.825876	-86.939095	55996.15	56256	-5.99	55990.16	55990.16016	56014.61347	56014.61328	504470.2	5408101.3
T8100.1	504471.6	5408101.3	5774.00000	225.59	0	48.825876	-86.939077	55996.32	56256	-5.99	55990.33	55990.32813	56014.57574	56014.57422	504471.6	5408101.3
T8100.1	504471.6	5408101.3	5774.10010	222.99	0	48.825876	-86.939077	55996.52	56256	-5.99	55990.53	55990.53125	56014.53931	56014.53906	504471.6	5408101.3
T8100.1	504473.9	5408101.3	5774.20020	224.51	0	48.825876	-86.939046	55996.45	56256	-5.99	55990.46	55990.46094	56014.52417	56014.52344	504473.9	5408101.3
T8100.1	504473.9	5408101.3	5774.29981	223.61	0	48.825876	-86.939046	55996.65	56256	-5.99	55990.66	55990.66016	56014.49430	56014.49609	504473.9	5408101.3
T8100.1	504475.1	5408101.3	5774.39990	220.33	0	48.825876	-86.939029	55996.83	56256	-5.99	55990.83	55990.82813	56014.46968	56014.46875	504475.1	5408101.3
T8100.1	504491.5	5408101.3	5775.89990	220.07	0	48.825876	-86.938806	55997.74	56256	-6.01	55991.73	55991.73047	56014.39962	56014.39844	504491.5	5408101.3
T8100.1	504492.9	5408101.3	5776.00000	221.38	0	48.825876	-86.938786	55997.99	56256	-6.01	55991.98	55991.98047	56014.37611	56014.37500	504492.9	5408101.3
T8100.1	504492.9	5408101.3	5776.10010	221.45	0	48.825876	-86.938786	55997.94	56256	-6.01	55991.93	55991.92969	56014.37579	56014.37500	504492.9	5408101.3
T8100.1	504501.5	5408101.4	5776.79981	220.38	0	48.825876	-86.938669	55997.84	56256	-6.04	55991.80	55991.80078	56014.38398	56014.38281	504501.5	5408101.4
T8100.1	504503.2	5408101.4	5776.89990	220.50	0	48.825876	-86.938646	55997.94	56256	-6.05	55991.89	55991.89063	56014.38065	56014.37891	504503.2	5408101.4
T8100.1	504503.2	5408101.4	5777.00000	222.24	0	48.825876	-86.938646	55997.89	56256.1	-6.05	55991.84	55991.83984	56014.38978	56014.39063	504503.2	5408101.4
T8100.1	504504.6	5408101.4	5777.10010	226.11	0	48.825876	-86.938627	55997.74	56256.1	-6.05	55991.69	55991.69141	56014.40868	56014.41016	504504.6	5408101.4
T8100.1	504506.2	5408101.4	5777.20020	225.35	0	48.825876	-86.938605	55997.64	56256.1	-6.05	55991.59	55991.58984	56014.42733	56014.42578	504506.2	5408101.4
T8100.1	504506.2	5408101.4	5777.29981	224.89	0	48.825876	-86.938605	55997.69	56256.1	-6.05	55991.64	55991.64063	56014.43904	56014.43750	504506.2	5408101.4
T8100.1	504507.6	5408101.4	5777.39990	228.67	0	48.825876	-86.938586	55997.66	56256.1	-6.05	55991.61	55991.60938	56014.45911	56014.46094	504507.6	5408101.4
T8100.1	504509.3	5408101.4	5777.50000	230.44	0	48.825876	-86.938564	55997.51	56256.1	-6.05	55991.46	55991.46094	56014.49020	56014.48828	504509.3	5408101.4
T8100.1	504510.6	5408101.4	5777.60010	227.25	0	48.825877	-86.938545	55997.64	56256.1	-6.05	55991.59	55991.58984	56014.50561	56014.50391	504510.6	5408101.4
T8100.1	504511.8	5408101.4	5777.70020	224.89	0	48.825877	-86.938529	55997.66	56256.1	-6.05	55991.61	55991.60938	56014.53132	56014.53125	504511.8	5408101.4
T8100.1	504511.8	5408101.4	5777.79981	225.93	0	48.825877	-86.938529	55997.62	56256.1	-6.05	55991.57	55991.57031	56014.56397	56014.56250	504511.8	5408101.4
T8100.1	504513.2	5408101.4	5777.89990	222.80	0	48.825877	-86.938510	55997.31	56256.1	-6.05	55991.26	55991.26172	56014.61753	56014.61719	504513.2	5408101.4
T8100.1	504514.8	5408101.4	5778.00000	223.70	0	48.825877	-86.938489	55997.46	56256.1	-6.05	55991.41	55991.41016	56014.64332	56014.64453	504514.8	5408101.4
T8100.1	504514.8	5408101.4	5778.10010	223.95	0	48.825877	-86.938489	55997.46	56256.1	-6.05	55991.41	55991.41016	56014.68197	56014.68359	504514.8	5408101.4
T8100.1	504516.1	5408101.4	5778.20020	223.97	0	48.825877	-86.938470	55997.46	56256.1	-6.05	55991.40	55991.39844	56014.72414	56014.72266	504516.1	5408101.4
T8100.1	504516.1	5408101.4	5778.29981	224.42	0	48.825877	-86.938470	55997.28	56256.1	-6.05	55991.23	55991.23047	56014.77978	56014.78125	504516.1	5408101.4
T8100.1	504518.3	5408101.5	5778.39990	221.60	0	48.825877	-86.938441	55997.38	56256.1	-6.05	55991.33	55991.32813	56014.82022	56014.82031	504518.3	5408101.5
T8100.1	504530.4	5408101.6	5779.60010	221.71	0	48.825878	-86.938276	55997.59	56256.1	-6.08	55991.51	55991.51172	56014.85809	56014.85938	504530.4	5408101.6
T8100.1	504531.9	5408101.6	5779.70020	221.14	0	48.825878	-86.938255	55997.74	56256.1	-6.08	55991.66	55991.66016	56014.90071	56014.90234	504531.9	5408101.6
T8100.1	504531.9	5408101.6	5779.79981	221.34	0	48.825878	-86.938255	55997.76	56256.1	-6.08	55991.68	55991.67969	56014.95471	56014.95313	504531.9	5408101.6

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
T8100.1	504535.4	5408101.6	5779.89990	222.78	0	48.825878	-86.938208	55997.82	56256.1	-6.09	55991.73	55991.73047	56015.00939	56015.00781	504535.4	5408101.6
T8100.1	504535.4	5408101.6	5780.00000	223.60	0	48.825878	-86.938208	55998.12	56256.1	-6.09	55992.03	55992.03125	56015.05008	56015.05078	504535.4	5408101.6
T8100.1	504536.5	5408101.6	5780.10010	227.06	0	48.825878	-86.938193	55997.99	56256.1	-6.09	55991.90	55991.89844	56015.12207	56015.12109	504536.5	5408101.6
T8100.1	504536.5	5408101.6	5780.20020	227.97	0	48.825878	-86.938193	55998.14	56256.1	-6.09	55992.05	55992.05078	56015.17800	56015.17969	504536.5	5408101.6
T8100.1	504538.0	5408101.6	5780.29981	229.27	0	48.825878	-86.938172	55998.25	56256.1	-6.10	55992.15	55992.14844	56015.23985	56015.23828	504538.0	5408101.6
T8100.1	504539.7	5408101.6	5780.39990	230.34	0	48.825878	-86.938149	55998.40	56256.1	-6.10	55992.30	55992.30078	56015.30093	56015.30078	504539.7	5408101.6
T8100.1	504539.7	5408101.6	5780.50000	237.90	0	48.825878	-86.938149	55998.42	56256.1	-6.10	55992.32	55992.32031	56015.37320	56015.37500	504539.7	5408101.6
T8100.1	504540.6	5408101.6	5780.60010	240.55	0	48.825878	-86.938136	55998.75	56256.1	-6.10	55992.65	55992.64844	56015.42730	56015.42578	504540.6	5408101.6
T8100.1	504541.9	5408101.6	5780.70020	242.22	0	48.825878	-86.938118	55998.80	56256.1	-6.10	55992.70	55992.69922	56015.50255	56015.50391	504541.9	5408101.6
T8100.1	504543.0	5408101.7	5780.79981	239.76	0	48.825878	-86.938104	55998.83	56256.1	-6.11	55992.72	55992.71875	56015.58223	56015.58203	504543.0	5408101.7
T8100.1	504544.1	5408101.7	5780.89990	237.65	0	48.825878	-86.938088	55999.06	56256.1	-6.11	55992.95	55992.94922	56015.65033	56015.64844	504544.1	5408101.7
T8100.1	504544.1	5408101.7	5781.00000	233.90	0	48.825878	-86.938088	55999.48	56256.1	-6.11	55993.37	55993.37109	56015.70815	56015.70703	504544.1	5408101.7
T8100.1	504546.2	5408101.7	5781.10010	233.26	0	48.825879	-86.938061	55999.64	56256.1	-6.11	55993.53	55993.53125	56015.78565	56015.78516	504546.2	5408101.7
T8100.1	504546.2	5408101.7	5781.20020	235.21	0	48.825879	-86.938061	55999.66	56256.1	-6.11	55993.55	55993.55078	56015.87481	56015.87500	504546.2	5408101.7
T8100.1	504547.4	5408101.7	5781.29981	222.14	0	48.825879	-86.938044	56000.17	56256.1	-6.11	55994.05	55994.05078	56015.93427	56015.93359	504547.4	5408101.7
T8100.1	504548.9	5408101.7	5781.39990	221.44	0	48.825879	-86.938023	56000.29	56256.1	-6.11	55994.18	55994.17969	56016.02064	56016.01953	504548.9	5408101.7
T8100.1	504550.0	5408101.7	5781.50000	221.46	0	48.825879	-86.938008	56000.42	56256.1	-6.12	55994.30	55994.30078	56016.10992	56016.10938	504550.0	5408101.7
T8100.1	504550.0	5408101.7	5781.60010	222.45	0	48.825879	-86.938008	56000.60	56256.1	-6.12	55994.48	55994.48047	56016.19738	56016.19922	504550.0	5408101.7
T8100.1	504550.0	5408101.7	5781.70020	223.01	0	48.825879	-86.938008	56001.08	56256.1	-6.12	55994.96	55994.96094	56016.26701	56016.26563	504550.0	5408101.7
T8100.1	504551.7	5408101.7	5781.79981	223.78	0	48.825879	-86.937985	56001.21	56256.1	-6.12	55995.09	55995.08984	56016.36210	56016.36328	504551.7	5408101.7
T8100.1	504552.8	5408101.7	5781.89990	223.97	0	48.825879	-86.937970	56001.43	56256.1	-6.12	55995.31	55995.30859	56016.45328	56016.45313	504552.8	5408101.7
T8100.1	504553.7	5408101.7	5782.00000	220.90	0	48.825879	-86.937958	56001.66	56256.1	-6.12	55995.54	55995.53906	56016.54586	56016.54688	504553.7	5408101.7
T8100.1	504554.7	5408101.7	5782.10010	222.33	0	48.825879	-86.937944	56001.96	56256.1	-6.12	55995.84	55995.83984	56016.63579	56016.63672	504554.7	5408101.7
T8100.1	504554.7	5408101.7	5782.20020	225.29	0	48.825879	-86.937944	56002.29	56256.1	-6.12	55996.17	55996.17188	56016.72571	56016.72656	504554.7	5408101.7
T8100.1	504556.0	5408101.8	5782.29981	223.95	0	48.825879	-86.937926	56002.70	56256.1	-6.13	55996.57	55996.57031	56016.81292	56016.81250	504556.0	5408101.8
T8100.1	504557.4	5408101.8	5782.39990	222.09	0	48.825879	-86.937908	56002.65	56256.1	-6.13	55996.52	55996.51953	56016.93204	56016.93359	504557.4	5408101.8
T8100.1	504557.4	5408101.8	5782.50000	221.09	0	48.825879	-86.937908	56003.08	56256.1	-6.13	55996.95	55996.94922	56017.02104	56017.01953	504557.4	5408101.8
T8100.1	504558.4	5408101.8	5782.60010	221.04	0	48.825879	-86.937894	56003.38	56256.1	-6.13	55997.25	55997.25000	56017.12056	56017.12109	504558.4	5408101.8
T8100.1	504559.6	5408101.8	5782.70020	222.83	0	48.825879	-86.937877	56003.64	56256.1	-6.13	55997.50	55997.50000	56017.22521	56017.22656	504559.6	5408101.8
T8100.1	504559.6	5408101.8	5782.79981	224.06	0	48.825879	-86.937877	56004.09	56256.1	-6.14	55997.95	55997.94922	56017.31829	56017.31641	504559.6	5408101.8
T8100.1	504561.4	5408101.8	5782.89990	222.99	0	48.825879	-86.937853	56004.32	56256.1	-6.14	55998.18	55998.17969	56017.42778	56017.42969	504561.4	5408101.8
T8100.1	504562.3	5408101.8	5783.00000	221.65	0	48.825879	-86.937841	56004.54	56256.1	-6.14	55998.40	55998.39844	56017.53962	56017.53906	504562.3	5408101.8
T8100.1	504562.3	5408101.8	5783.10010	222.10	0	48.825879	-86.937841	56004.88	56256.1	-6.14	55998.73	55998.73047	56017.64579	56017.64453	504562.3	5408101.8
T8100.1	504563.7	5408101.8	5783.20020	224.25	0	48.825879	-86.937821	56005.15	56256.1	-6.15	55999.01	55999.01172	56017.75690	56017.75781	504563.7	5408101.8
T8100.1	504563.7	5408101.8	5783.29981	222.24	0	48.825879	-86.937821	56005.61	56256.1	-6.15	55999.46	55999.46094	56017.85826	56017.85938	504563.7	5408101.8
T8100.1	504565.2	5408101.7	5783.39990	222.72	0	48.825879	-86.937802	56005.71	56256.2	-6.15	55999.56	55999.55859	56017.98450	56017.98438	504565.2	5408101.7
T8100.1	504565.2	5408101.7	5783.50000	224.74	0	48.825879	-86.937802	56006.12	56256.2	-6.15	55999.96	55999.96094	56018.09224	56018.09375	504565.2	5408101.7
T8100.1	504566.2	5408101.7	5783.60010	225.92	0	48.825879	-86.937788	56006.34	56256.2	-6.16	56000.18	56000.17969	56018.21344	56018.21484	504566.2	5408101.7
T8100.1	504567.1	5408101.7	5783.70020	225.59	0	48.825879	-86.937776	56006.59	56256.2	-6.16	56000.43	56000.42969	56018.33407	56018.33594	504567.1	5408101.7
T8100.1	504567.1	5408101.7	5783.79981	223.14	0	48.825879	-86.937776	56006.92	56256.2	-6.16	56000.76	56000.76172	56018.45075	56018.44922	504567.1	5408101.7
T8100.1	504568.1	5408101.7	5783.89990	222.95	0	48.825879	-86.937761	56007.27	56256.2	-6.17	56001.11	56001.10938	56018.56745	56018.56641	504568.1	5408101.7
T8100.1	504569.1	5408101.7	5784.00000	223.52	0	48.825878	-86.937748	56007.56	56256.2	-6.17	56001.39	56001.39063	56018.69013	56018.69141	504569.1	5408101.7
T8100.1	504569.9	5408101.7	5784.10010	221.85	0	48.825878	-86.937737	56007.81	56256.2	-6.17	56001.64	56001.64063	56018.81609	56018.81641	504569.9	5408101.7
T8100.1	504569.9	5408101.7	5784.20020	220.17	0	48.825878	-86.937737	56008.11	56256.2	-6.17	56001.94	56001.94141	56018.93996	56018.94141	504569.9	5408101.7
T8100.1	504571.1	5408101.7	5784.29981	220.53	0	48.825878	-86.937721	56008.34	56256.2	-6.17	56002.17	56002.17188	56019.06969	56019.07031	504571.1	5408101.7
T8100.1	504573.0	5408101.6	5784.60010	220.39	0	48.825878	-86.937696	56009.32	56256.2	-6.16	56003.16	56003.16016	56019.14993	56019.14844	504573.0	5408101.6
T8100.1	504573.9	5408101.6	5784.70020	221.27	0	48.825878	-86.937683	56009.53	56256.2	-6.16	56003.36	56003.35938	56019.28397	56019.28516	504573.9	5408101.6
T8100.1	504574.7	5408101.6	5784.79981	220.64	0	48.825877	-86.937672	56009.88	56256.2	-6.16	56003.72	56003.71875	56019.40843	56019.41016	504574.7	5408101.6
T8100.1	504574.7	5408101.6	5784.89990	221.98	0	48.825877	-86.937672	56010.23	56256.2	-6.16	56004.07	56004.07031	56019.53463	56019.53516	504574.7	5408101.6
T8100.1	504575.6	5408101.5	5785.00000	223.70	0	48.825877	-86.937660	56010.62	56256.2	-6.16	56004.46	56004.46094	56019.65919	56019.66016	504575.6	5408101.5
T8100.1	504576.6	5408101.5	5785.10010	222.40	0	48.825877	-86.937645	56010.54	56256.2	-6.16	56004.38	56004.37891	56019.81609	56019.81641	504576.6	5408101.5
T8100.1	504578.4	5408101.4	5785.50000	223.44	0	48.825876	-86.937621	56011.90	56256.2	-6.16	56005.74	56005.73828	56019.87795	56019.87891	504578.4	5408101.4
T8100.1	504579.0	5408101.4	5785.60010	224.91	0	48.825876	-86.937613	56012.06	56256.2	-6.16	56005.90	56005.89844	56020.02074	56020.01953	504579.0	5408101.4
T8100.1	504580.0	5408101.4	5785.70020	222.41	0	48.825876	-86.937600	56012.46	56256.2	-6.16	56006.30	56006.30078	56020.14844	56020.14844	504580.0	5408101.4
T8100.1	504580.0	5408101.4	5785.79981	222.17	0	48.825876	-86.937600	56012.52	56256.2	-6.16	56006.36	56006.35938	56020.29968	56020.30078	504580.0	5408101.4
T8100.1	504581.5	5408101.3	5785.89990	224.90	0	48.825875	-86.937580	56012.89	56256.2	-6.16	56006.73	56006.73047	56020.43111	56020.42969	504581.5	5408101.3
T8100.1	504581.5	5408101.3	5786.00000	225.21	0	48.825875	-86.937580	56013.15	56256.2	-6.16	56006.99	56006.98828	56020.57069	56020.57031	504581.5	5408101.3
T8100.1	504582.2	5408101.2	5786.10010	223.47	0	48.825874	-86.937570	56013.27	56256.2	-6.16	56007.10	56007.10156	56020.72106	56020.72266	504582.2	5408101.2
T8100.1	504582.2	5408101.2	5786.20020	220.98	0	48.825874	-86.937570	56013.68	56256.2	-6.16	56007.51	56007.51172	56020.85220	56020.85156	504582.2	5408101.2
T8100.1	504583.7	5408101.2	5786.39990	234.49	0	48.825874	-86.937549	56014.08	56256.2	-6.17	56007.91	56007.91016	56020.98475	56020.98438	504583.7	5408101.2
T8100.1	504583.7	5408101.2	5786.50000	234.45	0	48.825874	-86.937549	56014.43	56256.2	-6.17	56008.26	56008.26172	56021.12136	56021.12109	504583.7	5408101.2
T8100.1	504584.5	5408101.1	5786.60010	235.37	0	48.825873	-86.937538	56014.64	56256.2	-6.17	56008.47	56008.46875	56021.26800	56021.26953	504584.5	5408101.1
T8100.1	504584.5	5408101.1	5786.70020	237.23	0	48.825873	-86.937538	56014.71	56256.2	-6.17	56008.54	56008.53906	56021.42466	56021.42578	504584.5	5408101.1
T8100.1	504585.2	5408101.1	5786.79981	236.24	0	48.825873	-86.937528	56015.04	56256.2	-6.18	56008.87	56008.87109	56021.56464	56021.56641	504585.2	5408101.1
T8100.1	504585.9	5408101.1	5786.89990	235.59	0	48.825873	-86.937520	56015.32	56256.2	-6.18	56009.14	56009.14063	56021.70927	56021.71094	504585.9	5408101.1
T8100.1	504585.9	5408101.1	5787.00000	234.09	0	48.825873	-86.937520	56015.52	56256.2	-6.18	56009.34	56009.33984	56021.85918	56021.85938	504585.9	5408101.1
T8100.1	504586.3	5408101.0	5787.10010	239.07	0	48.825873	-86.937513	56015.80	56256.2	-6.18	56009.62	56009.62109	56022.00438	56022.00391	504586.3	5408101.0
T8100.1	504586.3	5408101.0	5787.20020	241.98	0	48.825873	-86.937513	56015.97	56256.2	-6.18	56009.79	56009.78906	56022.15751	56022.15625	504586.3	5408101.0
T8100.1	504587.6	5408101.0	5787.29981	237.73	0	48.825872	-86.937497	56016.28	56256.2	-6.18	56010.10	56010.10156	56022.30188	56022.30078	504587.6	5408101.0
T8100.1	504587.6	5408101.0	5787.39990	232.33	0	48.825872	-86.937497	56016.28	56256.2	-6.18	56010.10	56010.10156	56022.46750	56022.46875	504587.6	5408101.0
T8100.1	504588.3	5408100.9	5787.50000	230.07	0	48.825872	-86.937486	56016.51	56256.2	-6.18	56010.33	56010.32813	56022.61834	56022.61719	504588.3	5408100.9
T8100.1	504588.8	5408100.9	5787.60010	233.03	0	48.825871	-86.937480	56016.64	56256.2	-6.18	56010.46	56010.46094	56022.77640	56022.77734	504588.8	5408100.9
T8100.1	504588.8	5408100.9	5787.70020	235.76	0	48.825871	-86.937480	56016.94	56256.2	-6.18	56010.76	56010.76172	56022.92368	56022.92188	504588.8	5408100.9
T8100.1	504589.2	5408100.9	5787.79981	237.60	0	48.825871	-86.937474	56016.94	56256.2	-6.18	56010.76	56010.76172	56023.09149	56023.08984	504589.2	5408100.9
T8100.1	504589.7	5408100.8	5787.89990	234.20	0	48.825871	-86.937467	56017.29	56256.2	-6.18	56011.11	56011.10938	56023.23649	56023.23828	504589.7	5408100.8
T8100.1	504589.7	5408100.8	5788.00000	232.01	0	48.825871	-86.937467	56017.44	56256.2	-6.18	56011.26	56011.26172	56023.39536	56023.39453	504589.7	5408100.8
T8100.1	504590.3	5408100.8	5788.10010	231.91	0	48.825870	-86.937460	56017.60	56256.2	-6.18	56011.42	56011.42188	56023.55409	56023.55469	504590.3	5408100.8
T8100.1	504590.7	5408100.8	5788.20020	231.59	0	48.825870	-86.937454	56017.90	56256.2	-6.18	56011.72	56011.71875	56023.70400	56023.70313	504590.7	5408100.8
T8100.1	504590.7	5408100.8	5788.29981	233.79	0	48.825870	-86.937454	56018.05	56256.2	-6.18	56011.87	56011.87109	56023.86444	56023.86328	504590.7	5408100.8
T8100.1	504591.2	5408100.7	5788.39990	234.10	0	48.825869	-86.937447	56018.23	56256.2	-6.18	56012.05	56012.05078	56024.02340	56024.02344	504591.2	5408100.7
T8100.1	504591.6	5408100.6	5788.50000	233.29	0	48.825869	-86.937442	56018.31	56256.2	-6.18	56012.13	56012.12891	56024.18955	56024.19141	504591.6	5408100.6
T8100.1	504591.6	5408100.6	5788.60010	230.55	0	48.825869	-86.937442	56018.48	56256.2	-6.18	56012.30	56012.30078	56024.35022	56024.35156	504591.6	5408100.6
T8100.1	504592.1	5408100.6	5788.70020	229.18	0	48.825868	-86.937435	56018.56	56256.2	-6.18	56012.38	56012.37891	56024.51742	56024.51563	504592.1	5408100.6
T8100.1	504592.5	5408100.5	5788.79981	228.86	0	48.825868	-86.937429	56018.81	56256.2	-6.18	56012.63	56012.62891	56024.67381	56024.67188	504592.5	5408100.5
T8100.1	504592.5	5408100.5	5788.89990	232.01	0	48.825868	-86.937429	56018.86	56256.2	-6.18	56012.68	56012.67969	56024.84408	56024.84375	504592.5	5408100.5
T8100.1	504592.9	5408100.5	5789.00000	234.60	0	48.825868	-86.937424	56018.94	56256.2	-6.18	56012.76	56012.76172	56025.01289	56025.01172	504592.9	5408100.5
T8100.1	504593.3	5408100.4	5789.10010	239.17	0	48.825867	-86.937419	56019.06	56256.2	-6.18	56012.88	56012.87891	56025.17958	56025.17969	504593.3	5408100.4
T8100.1	504593.3	5408100.4	5789.20020	240.87	0	48.825867	-86.937419	56019.12	56256.2	-6.18	56012.93	56012.92969	56025.35149	56025.35156	504593.3	5408100.4
T8100.1	504593.5	5408100.4	5789.29981	241.66	0	48.825866	-86.937416	56019.26	56256.2	-6.19	56013.08	56013.07813	56025.51729	56025.51563	504593.5	5408100.4
T8100.1	504593.7	5408100.3	5789.39990	240.76	0	48.825866	-86.937412	56019.60	56256.2	-6.19	56013.41	56013.41016	56025.67167	56025.67188	504593.7	5408100.3
T8100.1	504594.0	5408100.3	5789.50000	238.84	0	48.825866	-86.937410	56019.54	56256.2	-6.19	56013.35	56013.35156	56025.85262	56025.85156	504594.0	5408100.3
T8100.1	504594.0	5408100.3	5789.60010	243.08	0	48.825866	-86.937410	56019.85	56256.2	-6.19	56013.66	56013.66016	56026.00949	56026.00781	504594.0	5408100.3
T8100.1	504594.3	5408100.2	5789.70020	242.59	0	48.825865	-86.937405	56020.02	56256.2	-6.19	56013.83	56013.82813	56026.17630	56026.17578	504594.3	5408100.2

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
T8100.1	504594.5	5408100.2	5789.79981	239.00	0	48.825865	-86.937402	56020.02	56256.2	-6.20	56013.83	56013.82813	56026.35504	56026.35547	504594.5	5408100.2
T8100.1	504594.5	5408100.2	5789.89990	234.15	0	48.825865	-86.937402	56020.31	56256.2	-6.20	56014.11	56014.10938	56026.51573	56026.51563	504594.5	5408100.2
T8100.1	504594.7	5408100.2	5790.00000	233.78	0	48.825865	-86.937399	56020.33	56256.2	-6.20	56014.13	56014.12891	56026.69438	56026.69531	504594.7	5408100.2
T8100.1	504594.9	5408100.1	5790.10010	236.81	0	48.825864	-86.937397	56020.43	56256.2	-6.20	56014.23	56014.23047	56026.86834	56026.86719	504594.9	5408100.1
T8100.1	504594.9	5408100.1	5790.20020	237.97	0	48.825864	-86.937397	56020.22	56256.2	-6.20	56014.03	56014.03125	56027.06293	56027.06250	504594.9	5408100.1
T8100.1	504595.0	5408100.1	5790.29981	235.79	0	48.825864	-86.937395	56020.43	56256.2	-6.20	56014.23	56014.23047	56027.23152	56027.23047	504595.0	5408100.1
T8100.1	504595.1	5408100.1	5790.39990	236.23	0	48.825864	-86.937393	56020.23	56256.2	-6.20	56014.03	56014.03125	56027.42744	56027.42578	504595.1	5408100.1
T8100.1	504595.1	5408100.1	5790.50000	235.74	0	48.825864	-86.937393	56020.23	56256.2	-6.19	56014.03	56014.03125	56027.61069	56027.60938	504595.1	5408100.1
T8100.1	504595.3	5408100.1	5790.60010	236.59	0	48.825864	-86.937391	56019.97	56256.2	-6.19	56013.78	56013.78125	56027.81130	56027.81250	504595.3	5408100.1
T8100.1	504595.4	5408100.1	5790.70020	237.54	0	48.825864	-86.937390	56020.31	56256.2	-6.19	56014.11	56014.10938	56027.97394	56027.97266	504595.4	5408100.1
T8100.1	504595.4	5408100.1	5790.79981	239.01	0	48.825864	-86.937390	56020.48	56256.2	-6.19	56014.28	56014.28125	56028.14794	56028.14844	504595.4	5408100.1
T8100.1	504595.5	5408100.1	5790.89990	237.40	0	48.825864	-86.937388	56020.61	56256.2	-6.19	56014.42	56014.42188	56028.32465	56028.32422	504595.5	5408100.1
T8100.1	504595.6	5408100.1	5791.00000	241.75	0	48.825864	-86.937387	56020.56	56256.2	-6.19	56014.36	56014.35938	56028.51541	56028.51563	504595.6	5408100.1
T8100.1	504595.6	5408100.1	5791.10010	241.71	0	48.825864	-86.937387	56020.78	56256.2	-6.19	56014.59	56014.58984	56028.68756	56028.68750	504595.6	5408100.1
T8100.1	504595.8	5408100.1	5791.20020	240.44	0	48.825864	-86.937385	56021.12	56256.2	-6.20	56014.92	56014.92188	56028.85377	56028.85547	504595.8	5408100.1
T8100.1	504595.9	5408100.1	5791.29981	237.17	0	48.825864	-86.937382	56021.21	56256.2	-6.20	56015.01	56015.01172	56029.03671	56029.03516	504595.9	5408100.1
T8100.1	504596.2	5408100.1	5791.39990	239.67	0	48.825864	-86.937380	56021.49	56256.2	-6.21	56015.29	56015.28906	56029.20773	56029.20703	504596.2	5408100.1
T8100.1	504596.2	5408100.1	5791.50000	238.79	0	48.825864	-86.937380	56021.56	56256.2	-6.21	56015.35	56015.35156	56029.39416	56029.39453	504596.2	5408100.1
T8100.1	504596.4	5408100.1	5791.60010	236.50	0	48.825864	-86.937376	56021.90	56256.2	-6.21	56015.68	56015.67969	56029.56334	56029.56250	504596.4	5408100.1
T8100.1	504596.6	5408100.1	5791.70020	235.48	0	48.825864	-86.937373	56022.00	56256.2	-6.22	56015.78	56015.78125	56029.74860	56029.75000	504596.6	5408100.1
T8100.1	504596.6	5408100.1	5791.79981	235.38	0	48.825864	-86.937373	56022.07	56256.2	-6.22	56015.85	56015.85156	56029.93661	56029.93750	504596.6	5408100.1
T8100.1	504596.9	5408100.2	5791.89990	237.08	0	48.825865	-86.937369	56022.38	56256.2	-6.23	56016.15	56016.14844	56030.11003	56030.10938	504596.9	5408100.2
T8100.1	504597.1	5408100.2	5792.00000	235.43	0	48.825865	-86.937366	56022.40	56256.2	-6.23	56016.17	56016.17188	56030.30288	56030.30469	504597.1	5408100.2
T8100.1	504597.4	5408100.2	5792.10010	236.87	0	48.825865	-86.937362	56022.78	56256.2	-6.23	56016.55	56016.55078	56030.47247	56030.47266	504597.4	5408100.2
T8100.1	504597.4	5408100.2	5792.20020	236.04	0	48.825865	-86.937362	56023.16	56256.2	-6.22	56016.94	56016.94141	56030.64215	56030.64063	504597.4	5408100.2
T8100.1	504597.7	5408100.2	5792.29981	237.91	0	48.825865	-86.937359	56023.54	56256.2	-6.22	56017.32	56017.32031	56030.81323	56030.81250	504597.7	5408100.2
T8100.1	504598.0	5408100.2	5792.39990	237.87	0	48.825865	-86.937355	56023.64	56256.2	-6.22	56017.43	56017.42969	56031.00306	56031.00391	504598.0	5408100.2
T8100.1	504598.3	5408100.2	5792.50000	228.88	0	48.825865	-86.937350	56023.89	56256.2	-6.22	56017.68	56017.67969	56031.18428	56031.18359	504598.3	5408100.2
T8100.1	504598.3	5408100.2	5792.60010	229.45	0	48.825865	-86.937350	56024.25	56256.2	-6.21	56018.03	56018.03125	56031.35957	56031.35938	504598.3	5408100.2
T8100.1	504598.7	5408100.2	5792.70020	240.47	0	48.825865	-86.937345	56024.63	56256.2	-6.21	56018.42	56018.42188	56031.53290	56031.53125	504598.7	5408100.2
T8100.1	504598.7	5408100.2	5792.79981	239.69	0	48.825865	-86.937345	56024.96	56256.2	-6.21	56018.75	56018.75000	56031.71095	56031.71094	504598.7	5408100.2
T8100.1	504599.1	5408100.2	5792.89990	241.38	0	48.825865	-86.937340	56025.21	56256.2	-6.20	56019.00	56019.00000	56031.89504	56031.89453	504599.1	5408100.2
T8100.1	504599.4	5408100.2	5793.00000	241.59	0	48.825865	-86.937336	56025.36	56256.2	-6.20	56019.16	56019.16016	56032.08582	56032.08594	504599.4	5408100.2
T8100.1	504599.7	5408100.2	5793.10010	241.61	0	48.825865	-86.937332	56025.28	56256.2	-6.20	56019.08	56019.07813	56032.29327	56032.29297	504599.7	5408100.2
T8100.1	504599.7	5408100.2	5793.20020	241.08	0	48.825865	-86.937332	56026.22	56256.2	-6.21	56020.02	56020.01953	56032.43340	56032.43359	504599.7	5408100.2
T8100.1	504600.0	5408100.2	5793.29981	243.74	0	48.825865	-86.937327	56026.47	56256.2	-6.21	56020.26	56020.26172	56032.62084	56032.62109	504600.0	5408100.2
T8100.1	504600.0	5408100.2	5793.39990	242.90	0	48.825865	-86.937327	56027.18	56256.2	-6.21	56020.97	56020.96875	56032.77760	56032.77734	504600.0	5408100.2
T8100.1	504600.4	5408100.2	5793.50000	242.70	0	48.825865	-86.937322	56027.08	56256.2	-6.21	56020.87	56020.87109	56032.98897	56032.98828	504600.4	5408100.2
T8100.1	504600.7	5408100.2	5793.60010	244.42	0	48.825865	-86.937317	56027.31	56256.2	-6.22	56021.09	56021.08984	56033.17963	56033.17969	504600.7	5408100.2
T8100.1	504601.1	5408100.2	5793.70020	246.46	0	48.825865	-86.937312	56027.74	56256.2	-6.22	56021.52	56021.51953	56033.35687	56033.35547	504601.1	5408100.2
T8100.1	504601.1	5408100.2	5793.79981	244.24	0	48.825865	-86.937312	56028.24	56256.2	-6.22	56022.02	56022.01953	56033.53002	56033.53125	504601.1	5408100.2
T8100.1	504601.5	5408100.3	5793.89990	243.21	0	48.825865	-86.937307	56028.57	56256.2	-6.23	56022.35	56022.35156	56033.71506	56033.71484	504601.5	5408100.3
T8100.1	504601.5	5408100.3	5794.00000	241.88	0	48.825865	-86.937307	56028.90	56256.2	-6.23	56022.67	56022.67188	56033.90130	56033.90234	504601.5	5408100.3
T8100.1	504602.0	5408100.3	5794.10010	239.57	0	48.825866	-86.937300	56029.43	56256.2	-6.23	56023.20	56023.19922	56034.07406	56034.07422	504602.0	5408100.3
T8100.1	504602.3	5408100.3	5794.20020	225.84	0	48.825866	-86.937297	56029.38	56256.2	-6.23	56023.15	56023.14844	56034.28598	56034.28516	504602.3	5408100.3
T8100.1	504602.7	5408100.4	5794.29981	227.11	0	48.825866	-86.937291	56030.22	56256.2	-6.23	56023.99	56023.98828	56034.43904	56034.43750	504602.7	5408100.4
T8100.1	504602.7	5408100.4	5794.39990	242.77	0	48.825866	-86.937291	56030.22	56256.2	-6.23	56023.98	56023.98047	56034.64922	56034.64844	504602.7	5408100.4
T8100.1	504603.0	5408100.4	5794.50000	243.10	0	48.825866	-86.937287	56030.70	56256.2	-6.24	56024.46	56024.46094	56034.82716	56034.82813	504603.0	5408100.4
T8100.1	504603.4	5408100.4	5794.60010	242.81	0	48.825867	-86.937281	56030.90	56256.2	-6.24	56024.66	56024.66016	56035.02417	56035.02344	504603.4	5408100.4
T8100.1	504603.4	5408100.4	5794.70020	243.30	0	48.825867	-86.937281	56031.20	56256.2	-6.24	56024.97	56024.96875	56035.21423	56035.21484	504603.4	5408100.4
T8100.1	504603.8	5408100.4	5794.79981	231.18	0	48.825867	-86.937275	56031.58	56256.2	-6.24	56025.34	56025.33984	56035.40065	56035.40234	504603.8	5408100.4
T8100.1	504603.8	5408100.4	5794.89990	231.04	0	48.825867	-86.937275	56032.12	56256.2	-6.24	56025.88	56025.87891	56035.57607	56035.57422	504603.8	5408100.4
T8100.1	504604.1	5408100.4	5795.00000	241.85	0	48.825867	-86.937271	56032.77	56256.2	-6.24	56026.53	56026.53125	56035.74446	56035.74609	504604.1	5408100.4
T8100.1	504604.5	5408100.4	5795.10010	243.79	0	48.825867	-86.937266	56032.92	56256.2	-6.24	56026.68	56026.67969	56035.94646	56035.94531	504604.5	5408100.4
T8100.1	504604.5	5408100.4	5795.20020	245.01	0	48.825867	-86.937266	56033.61	56256.2	-6.24	56027.37	56027.37109	56036.11272	56036.11328	504604.5	5408100.4
T8100.1	504605.0	5408100.4	5795.29981	245.11	0	48.825867	-86.937260	56033.43	56256.2	-6.23	56027.20	56027.19922	56036.33655	56036.33594	504605.0	5408100.4
T8100.1	504605.3	5408100.4	5795.39990	245.88	0	48.825867	-86.937254	56033.98	56256.2	-6.23	56027.75	56027.75000	56036.51257	56036.51172	504605.3	5408100.4
T8100.1	504605.7	5408100.4	5795.50000	246.85	0	48.825867	-86.937250	56034.19	56256.2	-6.23	56027.96	56027.96094	56036.71144	56036.71094	504605.7	5408100.4
T8100.1	504605.7	5408100.4	5795.60010	246.93	0	48.825867	-86.937250	56034.74	56256.2	-6.23	56028.51	56028.51172	56036.88779	56036.88672	504605.7	5408100.4
T8100.1	504606.1	5408100.4	5795.70020	247.26	0	48.825867	-86.937244	56035.18	56256.2	-6.23	56028.95	56028.94922	56037.07159	56037.07031	504606.1	5408100.4
T8100.1	504606.4	5408100.4	5795.79981	251.58	0	48.825867	-86.937241	56035.51	56256.2	-6.22	56029.28	56029.28125	56037.26282	56037.26172	504606.4	5408100.4
T8100.1	504606.8	5408100.4	5795.89990	252.56	0	48.825867	-86.937235	56035.88	56256.2	-6.22	56029.66	56029.66016	56037.45078	56037.44922	504606.8	5408100.4
T8100.1	504606.8	5408100.4	5796.00000	255.30	0	48.825867	-86.937235	56036.19	56256.2	-6.22	56029.97	56029.96875	56037.64344	56037.64453	504606.8	5408100.4
T8100.1	504607.2	5408100.4	5796.10010	254.47	0	48.825867	-86.937229	56036.67	56256.2	-6.22	56030.45	56030.44922	56037.82478	56037.82422	504607.2	5408100.4
T8100.1	504607.6	5408100.4	5796.20020	251.98	0	48.825867	-86.937223	56036.79	56256.2	-6.22	56030.57	56030.57031	56038.03010	56038.03125	504607.6	5408100.4
T8100.1	504608.0	5408100.4	5796.29981	233.47	0	48.825867	-86.937218	56037.18	56256.2	-6.22	56030.95	56030.94922	56038.21804	56038.21875	504608.0	5408100.4
T8100.1	504608.0	5408100.4	5796.39990	235.07	0	48.825867	-86.937218	56037.30	56256.2	-6.22	56031.08	56031.07813	56038.42257	56038.42188	504608.0	5408100.4
T8100.1	504608.4	5408100.4	5796.50000	236.46	0	48.825867	-86.937212	56037.91	56256.2	-6.23	56031.68	56031.67969	56038.59566	56038.59375	504608.4	5408100.4
T8100.1	504608.4	5408100.4	5796.60010	238.02	0	48.825867	-86.937212	56038.34	56256.2	-6.23	56032.11	56032.10938	56038.77995	56038.78125	504608.4	5408100.4
T8100.1	504609.1	5408100.4	5796.70020	251.13	0	48.825867	-86.937204	56038.85	56256.2	-6.23	56032.62	56032.62109	56038.95875	56038.95703	504609.1	5408100.4
T8100.1	504609.1	5408100.4	5796.79981	249.85	0	48.825867	-86.937204	56039.14	56256.2	-6.23	56032.92	56032.92188	56039.15136	56039.15234	504609.1	5408100.4
T8100.1	504609.5	5408100.4	5796.89990	251.08	0	48.825867	-86.937198	56039.45	56256.2	-6.23	56033.22	56033.21875	56039.34375	56039.34375	504609.5	5408100.4
T8100.1	504609.9	5408100.4	5797.00000	250.75	0	48.825867	-86.937192	56040.11	56256.2	-6.23	56033.88	56033.87891	56039.51189	56039.51172	504609.9	5408100.4
T8100.1	504609.9	5408100.4	5797.10010	250.95	0	48.825867	-86.937192	56040.14	56256.2	-6.23	56033.90	56033.89844	56039.72243	56039.72266	504609.9	5408100.4
T8100.1	504610.3	5408100.4	5797.20020	249.82	0	48.825867	-86.937187	56040.52	56256.2	-6.23	56034.28	56034.28125	56039.90866	56039.91016	504610.3	5408100.4
T8100.1	504610.8	5408100.4	5797.29981	250.31	0	48.825867	-86.937181	56040.72	56256.2	-6.24	56034.48	56034.48047	56040.10656	56040.10547	504610.8	5408100.4
T8100.1	504610.8	5408100.4	5797.39990	250.67	0	48.825867	-86.937181	56041.12	56256.2	-6.24	56034.88	56034.87891	56040.29076	56040.28906	504610.8	5408100.4
T8100.1	504611.3	5408100.5	5797.50000	251.68	0	48.825867	-86.937173	56041.40	56256.2	-6.24	56035.16	56035.16016	56040.48258	56040.48438	504611.3	5408100.5
T8100.1	504611.7	5408100.5	5797.60010	253.22	0	48.825867	-86.937168	56041.65	56256.2	-6.24	56035.41	56035.41016	56040.67599	56040.67578	504611.7	5408100.5
T8100.1	504611.7	5408100.5	5797.70020	253.60	0	48.825867	-86.937168	56042.16	56256.2	-6.24	56035.92	56035.92188	56040.85161	56040.85156	504611.7	5408100.5
T8100.1	504612.1	5408100.5	5797.79981	253.82	0	48.825867	-86.937162	56042.46	56256.2	-6.25	56036.21	56036.21094	56041.04144	56041.04297	504612.1	5408100.5
T8100.1	504612.4	5408100.5	5797.89990	254.69	0	48.825867	-86.937158	56042.72	56256.2	-6.25	56036.47	56036.46875	56041.23276	56041.23438	504612.4	5408100.5
T8100.1	504612.4	5408100.5	5798.00000	255.22	0	48.825867	-86.937158	56043.12	56256.3	-6.25	56036.87	56036.87109	56041.41423	56041.41406	504612.4	5408100.5
T8100.1	504612.9	5408100.5	5798.10010	256.33	0	48.825867	-86.937152	56043.32	56256.2	-6.25	56037.07	56037.07031	56041.60848	56041.60938	504612.9	5408100.5
T8100.1	504613.3	5408100.5	5798.20020	256.63	0	48.825867	-86.937146	56043.75	56256.2	-6.24	56037.51	56037.51172	56041.78615	56041.78516	504613.3	5408100.5
T8100.1	504613.3	5408100.5	5798.29981	253.49	0	48.825867	-86.937146	56044.16	56256.2	-6.24	56037.92	56037.92188	56041.96521	56041.96484	504613.3	5408100.5
T8100.1	504613.7	5408100.5	5798.39990	252.99	0	48.825867	-86.937140	56044.41	56256.2	-6.23	56038.18	56038.17969	56042.15364	56042.15234	504613.7	5408100.5
T8100.1	504614.3	5408100.5	5798.50000	252.76	0	48.825867	-86.937133	56044.94	56256.2	-6.23	56038.71	56038.71094	56042.32341	56042.32422	504614.3	5408100.5
T8100.1	504614.3	5408100.5	5798.60010	242.77	0	48.825867	-86.937133	56045.12	56256.2	-6.23	56038.89	56038.89063	56042.51582	56042.51563	504614.3	5408100.5
T8100.1	504614.8	5408100.5	5798.70020	242.65	0	48.825867	-86.937126	56045.42	56256.2	-6.22	56039.20	56039.19922	56042.69886	56042.69922	504614.8	5408100.5
T8100.1	504615.1	5408100.5	5798.79981	252.77	0	48.825867	-86.937122	56045.85	56256.2	-6.22	56039.63	56039.62891	56042.87316	56042.87500	504615.1	5408100.5
T8100.1	504615.5	5408100.5	5798.89990	252.22	0	48.825867	-86.937116	56045.97	56256.2	-6.21	56039.76	56039.76172	56043.06670	56043.06641	504615.5	5408100.5
T8100.1	504615.5	5408100.5	5799.00000	251.02	0	48.825867	-86.937116	56046.48	56256.2	-6.21	56040.27	56040.26953	56043.23412	56043.23438	504615.5	5408100.5

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
T8100.1	504616.0	5408100.5	5799.10010	253.07	0	48.825868	-86.937110	56046.69	56256.2	-6.21	56040.48	56040.48047	56043.42073	56043.42188	504616.0	5408100.5
T8100.1	504616.4	5408100.5	5799.20020	254.43	0	48.825868	-86.937104	56047.36	56256.2	-6.21	56041.15	56041.14844	56043.57583	56043.57422	504616.4	5408100.5
T8100.1	504616.4	5408100.5	5799.29981	254.17	0	48.825868	-86.937104	56047.45	56256.2	-6.22	56041.23	56041.23047	56043.76941	56043.76953	504616.4	5408100.5
T8100.1	504616.9	5408100.5	5799.39990	254.75	0	48.825868	-86.937097	56047.74	56256.2	-6.22	56041.52	56041.51953	56043.94809	56043.94922	504616.9	5408100.5
T8100.1	504617.3	5408100.5	5799.50000	255.54	0	48.825868	-86.937091	56047.95	56256.2	-6.22	56041.72	56041.71875	56044.13187	56044.13281	504617.3	5408100.5
T8100.1	504617.3	5408100.5	5799.60010	255.32	0	48.825868	-86.937091	56048.28	56256.2	-6.22	56042.06	56042.05859	56044.30539	56044.30469	504617.3	5408100.5
T8100.1	504617.9	5408100.5	5799.70020	257.59	0	48.825868	-86.937084	56048.51	56256.2	-6.22	56042.28	56042.28125	56044.48595	56044.48438	504617.9	5408100.5
T8100.1	504617.9	5408100.5	5799.79981	257.58	0	48.825868	-86.937084	56048.98	56256.2	-6.23	56042.76	56042.76172	56044.64819	56044.64844	504617.9	5408100.5
T8100.1	504618.7	5408100.5	5799.89990	256.59	0	48.825868	-86.937073	56049.21	56256.2	-6.23	56042.99	56042.98828	56044.82611	56044.82422	504618.7	5408100.5
T8100.1	504618.7	5408100.5	5800.00000	259.26	0	48.825868	-86.937073	56049.57	56256.2	-6.23	56043.34	56043.33984	56044.99500	56044.99609	504618.7	5408100.5
T8100.1	504619.1	5408100.5	5800.10010	260.05	0	48.825868	-86.937068	56049.99	56256.2	-6.23	56043.76	56043.76172	56045.15818	56045.15625	504619.1	5408100.5
T8100.1	504619.1	5408100.5	5800.20020	260.62	0	48.825868	-86.937068	56050.23	56256.2	-6.23	56044.00	56044.00000	56045.33230	56045.33203	504619.1	5408100.5
T8100.1	504619.5	5408100.5	5800.29981	249.62	0	48.825868	-86.937061	56050.30	56256.2	-6.23	56044.07	56044.07031	56045.51667	56045.51563	504619.5	5408100.5
T8100.1	504620.1	5408100.5	5800.39990	249.51	0	48.825868	-86.937054	56050.48	56256.2	-6.23	56044.25	56044.25000	56045.69210	56045.69141	504620.1	5408100.5
T8100.1	504620.5	5408100.5	5800.50000	260.53	0	48.825868	-86.937048	56050.93	56256.2	-6.23	56044.70	56044.69922	56045.83874	56045.83984	504620.5	5408100.5
T8100.1	504620.5	5408100.5	5800.60010	260.83	0	48.825868	-86.937048	56051.29	56256.2	-6.23	56045.06	56045.05859	56045.99376	56045.99219	504620.5	5408100.5
T8100.1	504621.0	5408100.5	5800.70020	248.75	0	48.825868	-86.937041	56051.62	56256.2	-6.23	56045.39	56045.39063	56046.15237	56046.15234	504621.0	5408100.5
T8100.1	504621.3	5408100.6	5800.79981	248.50	0	48.825868	-86.937037	56052.02	56256.2	-6.23	56045.79	56045.78906	56046.31088	56046.31250	504621.3	5408100.6
T8100.1	504621.3	5408100.6	5800.89990	262.92	0	48.825868	-86.937037	56052.05	56256.2	-6.23	56045.82	56045.82031	56046.47960	56046.48047	504621.3	5408100.6
T8100.1	504621.9	5408100.6	5801.00000	262.36	0	48.825868	-86.937029	56052.45	56256.2	-6.23	56046.22	56046.21875	56046.64092	56046.64063	504621.9	5408100.6
T8100.1	504622.2	5408100.6	5801.10010	259.94	0	48.825868	-86.937024	56052.65	56256.2	-6.23	56046.42	56046.42188	56046.80547	56046.80469	504622.2	5408100.6
T8100.1	504622.6	5408100.6	5801.20020	260.86	0	48.825868	-86.937019	56053.19	56256.2	-6.24	56046.95	56046.94922	56046.97242	56046.97266	504622.6	5408100.6
T8100.1	504623.0	5408100.6	5801.29981	262.83	0	48.825868	-86.937014	56053.52	56256.2	-6.24	56047.28	56047.28125	56047.14136	56047.14063	504623.0	5408100.6
T8100.1	504623.0	5408100.6	5801.39990	263.82	0	48.825868	-86.937014	56053.74	56256.2	-6.24	56047.50	56047.50000	56047.30917	56047.30859	504623.0	5408100.6
T8100.1	504623.6	5408100.6	5801.50000	263.64	0	48.825868	-86.937006	56054.20	56256.2	-6.25	56047.95	56047.94922	56047.48533	56047.48438	504623.6	5408100.6
T8100.1	504623.6	5408100.6	5801.60010	263.68	0	48.825868	-86.937006	56054.18	56256.2	-6.25	56047.93	56047.92969	56047.64370	56047.64453	504623.6	5408100.6
T8100.1	504623.9	5408100.6	5801.70020	260.93	0	48.825868	-86.937001	56054.70	56256.3	-6.25	56048.45	56048.44922	56047.82676	56047.82813	504623.9	5408100.6
T8100.1	504624.3	5408100.6	5801.79981	261.14	0	48.825868	-86.936996	56054.75	56256.3	-6.25	56048.50	56048.50000	56047.98490	56047.98438	504624.3	5408100.6
T8100.1	504624.3	5408100.6	5801.89990	262.72	0	48.825868	-86.936996	56055.26	56256.3	-6.26	56049.00	56049.00000	56048.17035	56048.17188	504624.3	5408100.6
T8100.1	504624.8	5408100.6	5802.00000	252.03	0	48.825868	-86.936989	56055.26	56256.3	-6.26	56049.00	56049.00000	56048.32148	56048.32031	504624.8	5408100.6
T8100.1	504624.8	5408100.6	5802.10010	252.22	0	48.825868	-86.936989	56055.70	56256.3	-6.26	56049.44	56049.44141	56048.50360	56048.50391	504624.8	5408100.6
T8100.1	504625.2	5408100.6	5802.20020	253.15	0	48.825868	-86.936984	56056.04	56256.3	-6.26	56049.78	56049.78125	56048.67800	56048.67969	504625.2	5408100.6
T8100.1	504625.5	5408100.6	5802.29981	264.89	0	48.825868	-86.936979	56056.37	56256.3	-6.26	56050.11	56050.10938	56048.85085	56048.85156	504625.5	5408100.6
T8100.1	504625.9	5408100.6	5802.39990	265.39	0	48.825868	-86.936974	56056.56	56256.3	-6.26	56050.30	56050.30078	56049.01044	56049.01172	504625.9	5408100.6
T8100.1	504625.9	5408100.6	5802.50000	264.08	0	48.825868	-86.936974	56056.65	56256.3	-6.25	56050.40	56050.39844	56049.16042	56049.16016	504625.9	5408100.6
T8100.1	504626.2	5408100.6	5802.60010	263.81	0	48.825868	-86.936970	56056.95	56256.3	-6.25	56050.70	56050.69922	56049.32745	56049.32813	504626.2	5408100.6
T8100.1	504626.5	5408100.6	5802.70020	263.09	0	48.825868	-86.936966	56057.08	56256.3	-6.25	56050.83	56050.82813	56049.47802	56049.47656	504626.5	5408100.6
T8100.1	504626.8	5408100.6	5802.79981	263.54	0	48.825868	-86.936962	56057.28	56256.3	-6.25	56051.03	56051.03125	56049.63468	56049.63281	504626.8	5408100.6
T8100.1	504626.8	5408100.6	5802.89990	264.19	0	48.825868	-86.936962	56057.31	56256.3	-6.25	56051.06	56051.05859	56049.77404	56049.77344	504626.8	5408100.6
T8100.1	504627.1	5408100.5	5803.00000	264.55	0	48.825868	-86.936958	56057.51	56256.3	-6.25	56051.26	56051.26172	56049.93013	56049.92969	504627.1	5408100.5
T8100.1	504627.3	5408100.5	5803.10010	264.43	0	48.825868	-86.936955	56057.56	56256.3	-6.25	56051.31	56051.30859	56050.07023	56050.07031	504627.3	5408100.5
T8100.1	504627.3	5408100.5	5803.20020	264.77	0	48.825868	-86.936955	56057.64	56256.3	-6.25	56051.39	56051.39063	56050.21258	56050.21094	504627.3	5408100.5
T8100.1	504627.6	5408100.5	5803.29981	264.11	0	48.825868	-86.936951	56057.41	56256.3	-6.25	56051.16	56051.16016	56050.31655	56050.31641	504627.6	5408100.5
T8100.1	504627.8	5408100.5	5803.39990	261.85	0	48.825867	-86.936949	56057.31	56256.3	-6.25	56051.06	56051.05859	56050.43182	56050.43359	504627.8	5408100.5
T8100.1	504627.8	5408100.5	5803.50000	261.28	0	48.825867	-86.936949	56057.79	56256.3	-6.26	56051.53	56051.53125	56050.61834	56050.61719	504627.8	5408100.5
T8100.1	504628.0	5408100.5	5803.60010	261.89	0	48.825867	-86.936946	56057.82	56256.3	-6.26	56051.56	56051.55859	56050.74708	56050.74609	504628.0	5408100.5
T8100.1	504628.1	5408100.5	5803.70020	262.96	0	48.825867	-86.936944	56057.96	56256.3	-6.26	56051.70	56051.69922	56050.88907	56050.89063	504628.1	5408100.5
T8100.1	504628.1	5408100.5	5803.79981	264.39	0	48.825867	-86.936944	56057.79	56256.3	-6.26	56051.53	56051.53125	56050.98371	56050.98438	504628.1	5408100.5
T8100.1	504628.3	5408100.5	5803.89990	264.46	0	48.825867	-86.936942	56057.82	56256.3	-6.26	56051.56	56051.55859	56051.10452	56051.10547	504628.3	5408100.5
T8100.1	504628.4	5408100.4	5804.00000	264.19	0	48.825867	-86.936940	56057.64	56256.3	-6.26	56051.38	56051.37891	56051.19004	56051.19141	504628.4	5408100.4
T8100.1	504628.4	5408100.4	5804.10010	260.67	0	48.825867	-86.936940	56057.92	56256.3	-6.26	56051.66	56051.66016	56051.34563	56051.34375	504628.4	5408100.4
T8100.1	504628.5	5408100.4	5804.20020	265.49	0	48.825867	-86.936939	56058.12	56256.3	-6.26	56051.86	56051.85938	56051.48726	56051.48828	504628.5	5408100.4
T8100.1	504628.6	5408100.4	5804.29981	274.05	0	48.825867	-86.936938	56058.25	56256.3	-6.26	56051.99	56051.99828	56051.61588	56051.61719	504628.6	5408100.4
T8100.1	504628.6	5408100.4	5804.39990	273.08	0	48.825867	-86.936938	56057.96	56256.3	-6.26	56051.70	56051.69922	56051.67705	56051.67578	504628.6	5408100.4
T8100.1	504628.7	5408100.4	5804.50000	270.31	0	48.825867	-86.936937	56058.09	56256.3	-6.26	56051.83	56051.82813	56051.80403	56051.80469	504628.7	5408100.4
T8100.1	504628.8	5408100.4	5804.60010	267.13	0	48.825867	-86.936935	56058.66	56256.3	-6.26	56052.40	56052.39844	56051.99354	56051.99219	504628.8	5408100.4
T8100.1	504628.8	5408100.4	5804.70020	267.59	0	48.825867	-86.936934	56058.57	56256.3	-6.26	56052.31	56052.30859	56052.08472	56052.08594	504628.8	5408100.4
T8100.1	504628.8	5408100.4	5804.79981	267.57	0	48.825867	-86.936934	56058.88	56256.3	-6.26	56052.62	56052.62109	56052.22894	56052.23047	504628.8	5408100.4
T8100.1	504629.0	5408100.4	5804.89990	271.60	0	48.825867	-86.936932	56058.68	56256.3	-6.26	56052.42	56052.42188	56052.30898	56052.30859	504629.0	5408100.4
T8100.1	504629.1	5408100.4	5805.00000	276.23	0	48.825867	-86.936930	56058.63	56256.3	-6.26	56052.37	56052.37109	56052.41094	56052.41016	504629.1	5408100.4
T8100.1	504629.3	5408100.5	5805.10010	280.69	0	48.825867	-86.936928	56058.72	56256.3	-6.26	56052.46	56052.46094	56052.52890	56052.52734	504629.3	5408100.5
T8100.1	504629.3	5408100.5	5805.20020	279.36	0	48.825867	-86.936928	56058.60	56256.3	-6.26	56052.34	56052.33984	56052.63150	56052.63281	504629.3	5408100.5
T8100.1	504629.3	5408100.5	5805.29981	264.64	0	48.825867	-86.936928	56058.46	56256.3	-6.27	56052.20	56052.19922	56052.73979	56052.73828	504629.3	5408100.5
T8100.1	504629.5	5408100.5	5805.39990	261.30	0	48.825867	-86.936925	56058.42	56256.3	-6.27	56052.15	56052.14844	56052.85979	56052.85938	504629.5	5408100.5
T8100.1	504629.8	5408100.5	5805.50000	255.07	0	48.825867	-86.936921	56058.42	56256.3	-6.27	56052.15	56052.14844	56052.98625	56052.98438	504629.8	5408100.5
T8100.1	504630.1	5408100.5	5805.60010	253.32	0	48.825867	-86.936917	56058.09	56256.3	-6.27	56051.82	56051.82031	56053.11512	56053.11328	504630.1	5408100.5
T8100.1	504630.1	5408100.5	5805.70020	253.88	0	48.825867	-86.936917	56058.60	56256.3	-6.27	56052.32	56052.32031	56053.24733	56053.24609	504630.1	5408100.5
T8100.1	504630.3	5408100.5	5805.79981	251.72	0	48.825867	-86.936914	56058.55	56256.3	-6.28	56052.28	56052.28125	56053.38230	56053.38281	504630.3	5408100.5
T8100.1	504630.6	5408100.5	5805.89990	252.87	0	48.825868	-86.936911	56058.70	56256.3	-6.28	56052.42	56052.42188	56053.51230	56053.51172	504630.6	5408100.5
T8100.1	504630.6	5408100.5	5806.00000	255.87	0	48.825868	-86.936911	56058.68	56256.3	-6.28	56052.40	56052.39844	56053.64740	56053.64844	504630.6	5408100.5
T8100.1	504631.0	5408100.5	5806.10010	259.00	0	48.825868	-86.936905	56058.72	56256.3	-6.28	56052.44	56052.44141	56053.76212	56053.76172	504631.0	5408100.5
T8100.1	504631.3	5408100.5	5806.20020	261.13	0	48.825868	-86.936901	56058.52	56256.3	-6.28	56052.24	56052.23828	56053.89188	56053.89063	504631.3	5408100.5
T8100.1	504631.3	5408100.5	5806.29981	262.73	0	48.825868	-86.936901	56058.52	56256.3	-6.29	56052.23	56052.23047	56054.00801	56054.00781	504631.3	5408100.5
T8100.1	504631.6	5408100.6	5806.39990	259.53	0	48.825868	-86.936897	56058.55	56256.3	-6.29	56052.26	56052.26172	56054.12053	56054.12109	504631.6	5408100.6
T8100.1	504631.8	5408100.6	5806.50000	256.75	0	48.825868	-86.936894	56058.29	56256.3	-6.29	56052.00	56052.00000	56054.25146	56054.25000	504631.8	5408100.6
T8100.1	504631.8	5408100.6	5806.60010	252.94	0	48.825868	-86.936894	56058.88	56256.3	-6.29	56052.59	56052.58984	56054.32481	56054.32422	504631.8	5408100.6
T8100.1	504632.3	5408100.6	5806.70020	254.17	0	48.825868	-86.936887	56058.85	56256.3	-6.29	56052.55	56052.55078	56054.43926	56054.43750	504632.3	5408100.6
T8100.1	504632.6	5408100.6	5806.79981	254.90	0	48.825868	-86.936883	56059.08	56256.3	-6.30	56052.78	56052.78125	56054.53483	56054.53516	504632.6	5408100.6
T8100.1	504632.6	5408100.6	5806.89990	254.09	0	48.825868	-86.936883	56058.88	56256.3	-6.30	56052.58	56052.57813	56054.65819	56054.65625	504632.6	5408100.6
T8100.1	504633.0	5408100.6	5807.00000	252.28	0	48.825868	-86.936878	56059.11	56256.3	-6.30	56052.81	56052.80859	56054.75203	56054.75391	504633.0	5408100.6
T8100.1	504633.4	5408100.6	5807.10010	252.30	0	48.825868	-86.936873	56058.78	56256.3	-6.30	56052.48	56052.48047	56054.88235	56054.88281	504633.4	5408100.6
T8100.1	504633.8	5408100.6	5807.20020	250.18	0	48.825869	-86.936867	56058.98	56256.3	-6.30	56052.68	56052.67969	56054.97651	56054.97656	504633.8	5408100.6
T8100.1	504633.8	5408100.6	5807.29981	249.81	0	48.825869	-86.936867	56059.06	56256.3	-6.30	56052.76	56052.76172	56055.07784	56055.07813	504633.8	5408100.6
T8100.1	504634.3	5408100.7	5807.39990	249.22	0	48.825869	-86.936860	56058.90	56256.3	-6.30	56052.61	56052.60938	56055.19369	56055.19531	504634.3	5408100.7
T8100.1	504634.7	5408100.7	5807.50000	250.23	0	48.825869	-86.936855	56059.38	56256.3	-6.29	56053.08	56053.07813	56055.26741	56055.26563	504634.7	5408100.7
T8100.1	504634.7	5408100.7	5807.60010	248.09	0	48.825869	-86.936855	56059.41	56256.3	-6.29	56053.11	56053.10938	56055.36967	56055.37109	504634.7	5408100.7
T8100.1	504635.2	5408100.7	5807.70020	248.18	0	48.825869	-86.936847	56059.54	56256.3	-6.29	56053.24	56053.23828	56055.46449	56055.46484	504635.2	5408100.7
T8100.1	504635.8	5408100.7	5807.79981	249.71	0	48.825869	-86.936839	56059.52	56256.3	-6.29	56053.22	56053.21875	56055.56853	56055.57031	504635.8	5408100.7
T8100.1	504636.5	5408100.7	5807.89990	252.56	0	48.825869	-86.936831	56059.79	56256.3	-6.29	56053.49	56053.48828	56055.65247	56055.65234	504636.5	5408100.7
T8100.1	504636.5	5408100.7	5808.00000	255.43	0	48.825869	-86.936831	56059.74	56256.3	-6.29	56053.45	56053.44922	56055.75633	56055.75781	504636.5	5408100.7
T8100.1	504636.9	5408100.8	5808.10010	255.55	0	48.825870	-86.936825	56060.04	56256.3	-6.29	56053.75	56053.75000	56055.83677	56055.83594	504636.9	5408100.8
T8100.1	504636.9	5408100.8	5808.20020	252.28	0	48.825870	-86.936825	56059.99	56256.3	-6.29	56053.70	56053.69922	56055.93981	56055.94141	504636.9	5408100.8
T8100.1	504637.7	5408100.8	5808.29981	251.98	0	48.825870	-86.936814	56060.32	56256.3	-6.29	56054.03	56054.03125	56056.01678	56056.01563	504637.7	5408100.8

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
T8100.1	504638.2	5408100.8	5808.39990	247.69	0	48.825870	-86.936806	56060.36	56256.3	-6.29	56054.07	56054.07031	56056.11236	56056.11328	504638.2	5408100.8
T8100.1	504638.2	5408100.8	5808.50000	249.36	0	48.825870	-86.936806	56060.24	56256.3	-6.29	56053.95	56053.94922	56056.21789	56056.21875	504638.2	5408100.8
T8100.1	504638.9	5408100.8	5808.60010	251.61	0	48.825870	-86.936797	56060.14	56256.3	-6.30	56053.85	56053.85156	56056.32137	56056.32031	504638.9	5408100.8
T8100.1	504639.4	5408100.8	5808.70020	250.91	0	48.825870	-86.936791	56060.27	56256.3	-6.30	56053.97	56053.96875	56056.40947	56056.41016	504639.4	5408100.8
T8100.1	504640.0	5408100.8	5808.79981	254.18	0	48.825870	-86.936783	56060.37	56256.3	-6.30	56054.07	56054.07031	56056.49821	56056.50000	504640.0	5408100.8
T8100.1	504640.0	5408100.8	5808.89990	255.46	0	48.825870	-86.936783	56060.37	56256.3	-6.30	56054.07	56054.07031	56056.59291	56056.59375	504640.0	5408100.8
T8100.1	504640.8	5408100.9	5809.00000	255.35	0	48.825871	-86.936771	56060.55	56256.3	-6.30	56054.25	56054.25000	56056.67492	56056.67578	504640.8	5408100.9
T8100.1	504641.5	5408100.9	5809.10010	255.63	0	48.825871	-86.936762	56060.63	56256.3	-6.31	56054.32	56054.32031	56056.76357	56056.76172	504641.5	5408100.9
T8100.1	504641.5	5408100.9	5809.20020	252.70	0	48.825871	-86.936762	56061.05	56256.3	-6.31	56054.73	56054.73047	56056.82887	56056.82813	504641.5	5408100.9
T8100.1	504642.3	5408100.9	5809.29981	254.03	0	48.825871	-86.936752	56060.93	56256.3	-6.32	56054.61	56054.60938	56056.92882	56056.92969	504642.3	5408100.9
T8100.1	504643.2	5408101.0	5809.39990	253.41	0	48.825871	-86.936739	56061.03	56256.3	-6.32	56054.70	56054.69922	56057.01409	56057.01563	504643.2	5408101.0
T8100.1	504643.7	5408101.0	5809.50000	252.16	0	48.825872	-86.936732	56060.87	56256.3	-6.33	56054.54	56054.53906	56057.11535	56057.11719	504643.7	5408101.0
T8100.1	504643.7	5408101.0	5809.60010	252.55	0	48.825872	-86.936732	56060.95	56256.3	-6.34	56054.62	56054.62109	56057.17156	56057.17188	504643.7	5408101.0
T8100.1	504644.3	5408101.0	5809.70020	250.90	0	48.825872	-86.936724	56060.98	56256.3	-6.34	56054.63	56054.62891	56057.21243	56057.21094	504644.3	5408101.0
T8100.1	504645.1	5408101.0	5809.79981	246.91	0	48.825872	-86.936713	56061.13	56256.3	-6.35	56054.78	56054.78125	56057.24715	56057.24609	504645.1	5408101.0
T8100.1	504645.1	5408101.0	5809.89990	245.73	0	48.825872	-86.936713	56061.41	56256.4	-6.35	56055.05	56055.05078	56057.28428	56057.28516	504645.1	5408101.0
T8100.1	504646.2	5408101.1	5810.00000	243.77	0	48.825872	-86.936698	56061.33	56256.4	-6.36	56054.97	56054.96875	56057.32153	56057.32031	504646.2	5408101.1
T8100.1	504646.6	5408101.1	5810.10010	246.66	0	48.825873	-86.936693	56061.51	56256.4	-6.36	56055.15	56055.14844	56057.36341	56057.36328	504646.6	5408101.1
T8100.1	504646.6	5408101.1	5810.20020	263.76	0	48.825873	-86.936693	56061.31	56256.4	-6.36	56054.95	56054.94922	56057.38893	56057.39063	504646.6	5408101.1
T8100.1	504647.4	5408101.1	5810.29981	267.27	0	48.825873	-86.936682	56061.62	56256.4	-6.35	56055.26	56055.26172	56057.44323	56057.44141	504647.4	5408101.1
T8100.1	504648.4	5408101.1	5810.39990	269.30	0	48.825873	-86.936668	56061.56	56256.4	-6.35	56055.20	56055.19922	56057.47461	56057.47266	504648.4	5408101.1
T8100.1	504648.4	5408101.1	5810.50000	269.94	0	48.825873	-86.936668	56061.71	56256.3	-6.35	56055.36	56055.35938	56057.52643	56057.52734	504648.4	5408101.1
T8100.1	504649.3	5408101.2	5810.60010	268.96	0	48.825873	-86.936655	56061.63	56256.3	-6.35	56055.29	56055.28906	56057.55699	56057.55859	504649.3	5408101.2
T8100.1	504650.2	5408101.2	5810.70020	268.24	0	48.825873	-86.936643	56061.71	56256.3	-6.35	56055.36	56055.35938	56057.60463	56057.60547	504650.2	5408101.2
T8100.1	504651.1	5408101.2	5810.79981	266.74	0	48.825874	-86.936630	56061.96	56256.3	-6.34	56055.62	56055.62109	56057.68108	56057.67969	504651.1	5408101.2
T8100.1	504651.1	5408101.2	5810.89990	265.10	0	48.825874	-86.936630	56061.96	56256.3	-6.34	56055.62	56055.62109	56057.72706	56057.72656	504651.1	5408101.2
T8100.1	504652.0	5408101.2	5811.00000	263.71	0	48.825874	-86.936619	56062.29	56256.3	-6.34	56055.95	56055.94922	56057.82471	56057.82422	504652.0	5408101.2
T8100.1	504652.0	5408101.2	5811.10010	261.88	0	48.825874	-86.936619	56062.07	56256.3	-6.34	56055.72	56055.71875	56057.84236	56057.84375	504652.0	5408101.2
T8100.1	504653.3	5408101.2	5811.20020	262.81	0	48.825874	-86.936601	56062.39	56256.3	-6.35	56056.05	56056.05078	56057.94889	56057.94922	504653.3	5408101.2
T8100.1	504654.3	5408101.3	5811.29981	262.27	0	48.825874	-86.936587	56062.12	56256.4	-6.35	56055.76	56055.76172	56057.96149	56057.96094	504654.3	5408101.3
T8100.1	504654.3	5408101.3	5811.39990	264.47	0	48.825874	-86.936587	56062.54	56256.4	-6.36	56056.19	56056.19141	56058.09078	56058.08984	504654.3	5408101.3
T8100.1	504655.8	5408101.3	5811.50000	267.62	0	48.825874	-86.936568	56062.46	56256.4	-6.36	56056.10	56056.10156	56058.14016	56058.14063	504655.8	5408101.3
T8100.1	504656.6	5408101.3	5811.60010	271.91	0	48.825874	-86.936556	56062.64	56256.4	-6.36	56056.28	56056.28125	56058.23381	56058.23438	504656.6	5408101.3
T8100.1	504656.6	5408101.3	5811.70020	272.23	0	48.825874	-86.936556	56062.54	56256.4	-6.37	56056.18	56056.17969	56058.28555	56058.28516	504656.6	5408101.3
T8100.1	504657.9	5408101.3	5811.79981	272.76	0	48.825874	-86.936538	56062.55	56256.4	-6.37	56056.18	56056.17969	56058.35394	56058.35547	504657.9	5408101.3
T8100.1	504658.9	5408101.3	5811.89990	268.78	0	48.825875	-86.936524	56062.77	56256.4	-6.38	56056.40	56056.39844	56058.45454	56058.45313	504658.9	5408101.3
T8100.1	504658.9	5408101.3	5812.00000	266.13	0	48.825875	-86.936524	56062.85	56256.4	-6.38	56056.47	56056.46875	56058.53176	56058.53125	504658.9	5408101.3
T8100.1	504660.3	5408101.4	5812.10010	263.75	0	48.825875	-86.936506	56063.31	56256.4	-6.38	56056.92	56056.92188	56058.66024	56058.66016	504660.3	5408101.4
T8100.1	504661.2	5408101.4	5812.20020	264.67	0	48.825875	-86.936493	56062.96	56256.4	-6.38	56056.58	56056.57813	56058.67743	56058.67578	504661.2	5408101.4
T8100.1	504661.2	5408101.4	5812.29981	266.08	0	48.825875	-86.936493	56063.00	56256.4	-6.38	56056.62	56056.62109	56058.74557	56058.74609	504661.2	5408101.4
T8100.1	504662.4	5408101.4	5812.39990	266.76	0	48.825875	-86.936477	56063.10	56256.4	-6.38	56056.72	56056.71875	56058.81984	56058.82031	504662.4	5408101.4
T8100.1	504663.2	5408101.4	5812.50000	263.46	0	48.825875	-86.936466	56063.46	56256.4	-6.39	56057.07	56057.07031	56058.92515	56058.92578	504663.2	5408101.4
T8100.1	504663.2	5408101.4	5812.60010	264.53	0	48.825875	-86.936466	56063.38	56256.4	-6.39	56056.99	56056.98828	56058.97183	56058.97266	504663.2	5408101.4
T8100.1	504664.5	5408101.4	5812.70020	264.66	0	48.825875	-86.936448	56063.31	56256.4	-6.39	56056.92	56056.92188	56059.01837	56059.01953	504664.5	5408101.4
T8100.1	504665.8	5408101.5	5812.79981	265.94	0	48.825876	-86.936431	56063.28	56256.4	-6.39	56056.89	56056.89063	56059.06867	56059.07031	504665.8	5408101.5
T8100.1	504665.8	5408101.5	5812.89990	268.04	0	48.825876	-86.936431	56063.48	56256.4	-6.39	56057.09	56057.08984	56059.14824	56059.14844	504665.8	5408101.5
T8100.1	504666.9	5408101.5	5813.00000	265.88	0	48.825876	-86.936415	56063.68	56256.4	-6.39	56057.29	56057.28906	56059.22695	56059.22656	504666.9	5408101.5
T8100.1	504668.1	5408101.5	5813.10010	266.17	0	48.825876	-86.936400	56063.40	56256.4	-6.39	56057.01	56057.01172	56059.24017	56059.23828	504668.1	5408101.5
T8100.1	504668.1	5408101.5	5813.20020	267.16	0	48.825876	-86.936400	56063.64	56256.4	-6.39	56057.24	56057.23828	56059.32105	56059.32031	504668.1	5408101.5
T8100.1	504669.6	5408101.5	5813.29981	253.38	0	48.825876	-86.936379	56063.53	56256.4	-6.40	56057.13	56057.12891	56059.35472	56059.35547	504669.6	5408101.5
T8100.1	504670.8	5408101.5	5813.39990	250.80	0	48.825876	-86.936363	56063.79	56256.4	-6.40	56057.39	56057.39063	56059.43830	56059.43750	504670.8	5408101.5
T8100.1	504670.8	5408101.5	5813.50000	250.20	0	48.825876	-86.936363	56063.84	56256.4	-6.40	56057.44	56057.44141	56059.49209	56059.49219	504670.8	5408101.5
T8100.1	504671.8	5408101.5	5813.60010	266.23	0	48.825876	-86.936349	56064.08	56256.4	-6.40	56057.68	56057.67969	56059.57201	56059.57031	504671.8	5408101.5
T8100.1	504673.2	5408101.5	5813.70020	267.22	0	48.825876	-86.936330	56064.09	56256.4	-6.40	56057.69	56057.69141	56059.61873	56059.61719	504673.2	5408101.5
T8100.1	504673.2	5408101.5	5813.79981	266.82	0	48.825876	-86.936330	56064.04	56256.4	-6.41	56057.63	56057.62891	56059.65442	56059.65625	504673.2	5408101.5
T8100.1	504673.2	5408101.5	5813.89990	269.76	0	48.825876	-86.936330	56063.98	56256.4	-6.41	56057.57	56057.57031	56059.68916	56059.68750	504673.2	5408101.5
T8100.1	504674.7	5408101.5	5814.00000	269.21	0	48.825876	-86.936310	56063.98	56256.4	-6.41	56057.57	56057.57031	56059.73204	56059.73047	504674.7	5408101.5
T8100.1	504676.1	5408101.5	5814.10010	266.79	0	48.825876	-86.936291	56063.96	56256.4	-6.41	56057.55	56057.55078	56059.77144	56059.76953	504676.1	5408101.5
T8100.1	504677.0	5408101.5	5814.20020	266.22	0	48.825877	-86.936279	56064.06	56256.4	-6.41	56057.66	56057.66016	56059.83025	56059.83203	504677.0	5408101.5
T8100.1	504678.2	5408101.6	5814.29981	266.79	0	48.825877	-86.936262	56064.32	56256.4	-6.40	56057.92	56057.92188	56059.91194	56059.91016	504678.2	5408101.6
T8100.1	504678.2	5408101.6	5814.39990	264.55	0	48.825877	-86.936262	56064.41	56256.4	-6.40	56058.01	56058.01172	56059.96757	56059.96875	504678.2	5408101.6
T8100.1	504679.5	5408101.6	5814.50000	266.93	0	48.825877	-86.936244	56064.24	56256.4	-6.40	56057.84	56057.83984	56059.98260	56059.98438	504679.5	5408101.6
T8100.1	504679.5	5408101.6	5814.60010	268.81	0	48.825877	-86.936244	56064.19	56256.4	-6.40	56057.79	56057.78906	56060.01573	56060.01563	504679.5	5408101.6
T8100.1	504680.9	5408101.6	5814.70020	265.90	0	48.825877	-86.936225	56064.39	56256.4	-6.40	56058.00	56058.00000	56060.08918	56060.08984	504680.9	5408101.6
T8100.1	504680.9	5408101.6	5814.79981	265.32	0	48.825877	-86.936225	56064.54	56256.4	-6.39	56058.14	56058.14063	56060.15150	56060.15234	504680.9	5408101.6
T8100.1	504682.0	5408101.6	5814.89990	265.10	0	48.825877	-86.936211	56064.46	56256.4	-6.39	56058.07	56058.07031	56060.18025	56060.17969	504682.0	5408101.6
T8100.1	504683.2	5408101.6	5815.00000	264.69	0	48.825877	-86.936193	56064.39	56256.4	-6.39	56058.00	56058.00000	56060.20804	56060.20703	504683.2	5408101.6
T8100.1	504684.6	5408101.6	5815.10010	265.69	0	48.825877	-86.936174	56064.29	56256.4	-6.39	56057.89	56057.89063	56060.22819	56060.22656	504684.6	5408101.6
T8100.1	504685.7	5408101.6	5815.20020	267.29	0	48.825877	-86.936160	56064.52	56256.4	-6.39	56058.13	56058.12891	56060.30269	56060.30078	504685.7	5408101.6
T8100.1	504685.7	5408101.6	5815.29981	266.12	0	48.825877	-86.936160	56064.44	56256.4	-6.39	56058.05	56058.05078	56060.32453	56060.32422	504685.7	5408101.6
T8100.1	504686.9	5408101.7	5815.39990	267.55	0	48.825877	-86.936143	56064.75	56256.4	-6.39	56058.35	56058.35156	56060.40631	56060.40625	504686.9	5408101.7
T8100.1	504686.9	5408101.7	5815.50000	267.77	0	48.825877	-86.936143	56064.59	56256.4	-6.39	56058.20	56058.19922	56060.41314	56060.41406	504686.9	5408101.7
T8100.1	504688.5	5408101.7	5815.60010	265.01	0	48.825877	-86.936121	56064.72	56256.4	-6.40	56058.32	56058.32031	56060.46262	56060.46094	504688.5	5408101.7
T8100.1	504689.6	5408101.7	5815.70020	265.13	0	48.825877	-86.936107	56064.88	56256.4	-6.40	56058.48	56058.48047	56060.51754	56060.51563	504689.6	5408101.7
T8100.1	504690.7	5408101.7	5815.79981	265.90	0	48.825878	-86.936091	56064.84	56256.4	-6.40	56058.45	56058.44922	56060.53839	56060.53906	504690.7	5408101.7
T8100.1	504690.7	5408101.7	5815.89990	262.13	0	48.825878	-86.936091	56064.87	56256.4	-6.40	56058.47	56058.46875	56060.56595	56060.56641	504690.7	5408101.7
T8100.1	504692.1	5408101.7	5816.00000	261.63	0	48.825878	-86.936073	56064.82	56256.4	-6.40	56058.42	56058.42188	56060.57899	56060.57813	504692.1	5408101.7
T8100.1	504692.1	5408101.7	5816.10010	265.41	0	48.825878	-86.936073	56065.03	56256.4	-6.40	56058.63	56058.62891	56060.63795	56060.63672	504692.1	5408101.7
T8100.1	504693.3	5408101.7	5816.20020	266.57	0	48.825878	-86.936057	56065.13	56256.4	-6.40	56058.72	56058.71875	56060.67412	56060.67578	504693.3	5408101.7
T8100.1	504694.6	5408101.7	5816.29981	265.11	0	48.825878	-86.936039	56065.38	56256.4	-6.40	56058.98	56058.98047	56060.74328	56060.74219	504694.6	5408101.7
T8100.1	504695.7	5408101.7	5816.39990	265.90	0	48.825878	-86.936024	56064.95	56256.4	-6.40	56058.54	56058.53906	56060.35484	56060.35547	504695.7	5408101.7
T8100.1	504695.7	5408101.7	5816.50000	268.55	0	48.825878	-86.936024	56064.93	56256.4	-6.40	56058.52	56058.51953	56060.37889	56060.37891	504695.7	5408101.7
T8100.1	504697.3	5408101.7	5816.60010	269.89	0	48.825878	-86.936002	56064.97	56256.4	-6.41	56058.56	56058.55859	56060.39850	56060.39844	504697.3	5408101.7
T8100.1	504699.0	5408101.7	5816.70020	267.22	0	48.825878	-86.935979	56064.87	56256.4	-6.41	56058.46	56058.46094	56060.42990	56060.42969	504699.0	5408101.7
T8100.1	504699.0	5408101.7	5816.79981	267.98	0	48.825878	-86.935979	56064.92	56256.4	-6.41	56058.51	56058.51172	56060.45157	56060.45313	504699.0	5408101.7
T8100.1	504700.5	5408101.7	5816.89990	270.57	0	48.825878	-86.935958	56065.13	56256.4	-6.41	56058.72	56058.71875	56060.46383	56060.46484	504700.5	5408101.7
T8100.1	504700.5	5408101.7	5817.00000	270.09	0	48.825878	-86.935958	56065.20	56256.4	-6.41	56058.79	56058.78906	56060.48821	56060.48828	504700.5	5408101.7
T8100.1	504701.7	5408101.7	5817.10010	269.85	0	48.825878	-86.935941	56065.25	56256.4	-6.41	56058.84	56058.83984	56060.51570	56060.51563	504701.7	5408101.7
T8100.1	504702.9	5408101.7	5817.20020	270.61	0	48.825878	-86.935925	56065.22	56256.4	-6.41	56058.81	56058.80859	56060.55111	56060.55078	504702.9	5408101.7
T8100.1	504704.5	5408101.7	5817.29981	269.42	0	48.825878	-86.935903	56065.13	56256.4	-6.41	56058.71	56058.71094	56060.59466	56060.59375	504704.5	5408101.7
T8100.1	504704.5	5408101.7	5817.39990	269.76	0	48.825878	-86.935903	56065.13	56256.4	-6.41	56058.72	56058.71875	56060.98477	56060.98438	504704.5	5408101.7
T8100.1	504705.5	5408101.7	5817.50000	270.61	0	48.825878	-86.935889	56065.07	56256.4	-6.41	56058.66	56058.66016	56061.01420	56061.01563	504705.5	5408101.7
T8100.1	504705.5	5408101.7	5817.60010	270.16	0	48.825878	-86.935889	56065.22	56256.4	-6.41	56058.81	56058.80859	56061.08395	56061.08203	504705.5	5408101.7

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
T8100.1	504707.3	5408101.8	5817.70020	257.37	0	48.825878	-86.935866	56065.25	56256.4	-6.41	56058.84	56058.83984	56061.13120	56061.13281	504707.3	5408101.8
T8100.1	504708.4	5408101.8	5817.79981	259.74	0	48.825878	-86.935850	56065.18	56256.4	-6.41	56058.77	56058.76953	56061.16134	56061.16016	504708.4	5408101.8
T8100.1	504710.1	5408101.8	5817.89990	266.40	0	48.825878	-86.935828	56065.06	56256.4	-6.41	56058.64	56058.64063	56061.18239	56061.18359	504710.1	5408101.8
T8100.1	504710.1	5408101.8	5818.00000	256.97	0	48.825878	-86.935828	56064.95	56256.4	-6.41	56058.53	56058.53125	56061.20724	56061.20703	504710.1	5408101.8
T8100.1	504710.1	5408101.8	5818.10010	255.84	0	48.825878	-86.935828	56064.97	56256.4	-6.41	56058.56	56058.55859	56061.25239	56061.25391	504710.1	5408101.8
T8100.1	504711.5	5408101.8	5818.20020	262.47	0	48.825878	-86.935809	56065.10	56256.4	-6.41	56058.69	56058.69141	56061.30887	56061.30859	504711.5	5408101.8
T8100.1	504713.2	5408101.7	5818.29981	261.09	0	48.825878	-86.935785	56065.23	56256.4	-6.41	56058.82	56058.82031	56061.36115	56061.35938	504713.2	5408101.7
T8100.1	504714.6	5408101.7	5818.39990	262.94	0	48.825878	-86.935766	56065.18	56256.4	-6.41	56058.76	56058.76172	56061.38447	56061.38281	504714.6	5408101.7
T8100.1	504714.6	5408101.7	5818.50000	263.18	0	48.825878	-86.935766	56065.18	56256.4	-6.42	56058.76	56058.76172	56061.41237	56061.41406	504714.6	5408101.7
T8100.1	504716.0	5408101.8	5818.60010	262.47	0	48.825878	-86.935746	56065.05	56256.4	-6.42	56058.63	56058.62891	56061.42038	56061.42188	504716.0	5408101.8
T8100.1	504717.3	5408101.8	5818.70020	261.39	0	48.825878	-86.935729	56065.22	56256.4	-6.42	56058.81	56058.80859	56061.46244	56061.46094	504717.3	5408101.8
T8100.1	504718.4	5408101.8	5818.79981	263.92	0	48.825878	-86.935715	56064.98	56256.4	-6.42	56058.56	56058.55859	56061.44744	56061.44922	504718.4	5408101.8
T8100.1	504718.4	5408101.8	5818.89990	264.76	0	48.825878	-86.935715	56065.05	56256.4	-6.42	56058.63	56058.62891	56061.46688	56061.46875	504718.4	5408101.8
T8100.1	504719.8	5408101.8	5819.00000	264.98	0	48.825878	-86.935695	56065.15	56256.4	-6.42	56058.73	56058.73047	56061.48559	56061.48438	504719.8	5408101.8
T8100.1	504721.2	5408101.8	5819.10010	264.59	0	48.825878	-86.935676	56064.97	56256.4	-6.42	56058.55	56058.55078	56061.46424	56061.46484	504721.2	5408101.8
T8100.1	504721.2	5408101.8	5819.20020	264.11	0	48.825878	-86.935676	56064.85	56256.4	-6.42	56058.43	56058.42969	56061.44511	56061.44531	504721.2	5408101.8
T8100.1	504722.5	5408101.8	5819.29981	269.88	0	48.825878	-86.935659	56064.92	56256.4	-6.42	56058.49	56058.48828	56061.44616	56061.44531	504722.5	5408101.8
T8100.1	504724.1	5408101.8	5819.39990	270.19	0	48.825878	-86.935636	56065.02	56256.4	-6.42	56058.60	56058.60156	56061.45272	56061.45313	504724.1	5408101.8
T8100.1	504725.6	5408101.8	5819.50000	269.09	0	48.825878	-86.935616	56064.70	56256.4	-6.43	56058.27	56058.26953	56061.39348	56061.39453	504725.6	5408101.8
T8100.1	504725.6	5408101.8	5819.60010	267.03	0	48.825878	-86.935616	56064.77	56256.4	-6.43	56058.34	56058.33984	56061.39258	56061.39453	504725.6	5408101.8
T8100.1	504727.3	5408101.8	5819.70020	270.08	0	48.825878	-86.935593	56064.72	56256.4	-6.43	56058.29	56058.28906	56061.37397	56061.37500	504727.3	5408101.8
T8100.1	504727.3	5408101.8	5819.79981	253.88	0	48.825878	-86.935593	56064.75	56256.4	-6.43	56058.32	56058.32031	56061.36972	56061.37109	504727.3	5408101.8
T8100.1	504729.1	5408101.8	5819.89990	252.60	0	48.825878	-86.935569	56064.59	56256.4	-6.43	56058.16	56058.16016	56061.33594	56061.33594	504729.1	5408101.8
T8100.1	504729.1	5408101.8	5820.00000	266.91	0	48.825878	-86.935569	56064.56	56256.4	-6.43	56058.13	56058.12891	56061.32625	56061.32813	504729.1	5408101.8
T8100.1	504730.1	5408101.8	5820.10010	266.69	0	48.825878	-86.935554	56064.70	56256.4	-6.43	56058.27	56058.26953	56061.34880	56061.34766	504730.1	5408101.8
T8100.1	504731.5	5408101.8	5820.20020	267.00	0	48.825878	-86.935535	56064.59	56256.4	-6.43	56058.16	56058.16016	56061.33151	56061.33203	504731.5	5408101.8
T8100.1	504732.8	5408101.8	5820.29981	264.95	0	48.825878	-86.935518	56064.52	56256.4	-6.43	56058.09	56058.08984	56061.32503	56061.32422	504732.8	5408101.8
T8100.1	504732.8	5408101.8	5820.39990	264.17	0	48.825878	-86.935518	56064.48	56256.4	-6.43	56058.05	56058.05078	56061.32744	56061.32813	504732.8	5408101.8
T8100.1	504734.1	5408101.8	5820.50000	266.87	0	48.825878	-86.935501	56064.37	56256.4	-6.43	56057.93	56057.92969	56061.31963	56061.32031	504734.1	5408101.8
T8100.1	504735.6	5408101.8	5820.60010	268.65	0	48.825878	-86.935480	56064.46	56256.4	-6.44	56058.03	56058.03125	56061.35156	56061.35156	504735.6	5408101.8
T8100.1	504735.6	5408101.8	5820.70020	271.17	0	48.825878	-86.935480	56064.29	56256.4	-6.44	56057.86	56057.85938	56061.34109	56061.33984	504735.6	5408101.8
T8100.1	504737.0	5408101.8	5820.79981	268.34	0	48.825878	-86.935460	56064.11	56256.4	-6.44	56057.67	56057.67188	56061.33034	56061.33203	504737.0	5408101.8
T8100.1	504738.9	5408101.8	5820.89990	266.04	0	48.825878	-86.935434	56064.09	56256.4	-6.44	56057.65	56057.64844	56061.34781	56061.34766	504738.9	5408101.8
T8100.1	504738.9	5408101.8	5821.00000	265.51	0	48.825878	-86.935434	56064.11	56256.4	-6.44	56057.67	56057.67188	56061.37122	56061.37109	504738.9	5408101.8
T8100.1	504740.3	5408101.8	5821.10010	265.79	0	48.825878	-86.935415	56064.12	56256.4	-6.44	56057.67	56057.67188	56061.39078	56061.39063	504740.3	5408101.8
T8100.1	504741.8	5408101.8	5821.20020	267.66	0	48.825878	-86.935396	56063.93	56256.4	-6.44	56057.49	56057.48828	56061.38446	56061.38281	504741.8	5408101.8
T8100.1	504741.8	5408101.8	5821.29981	265.61	0	48.825878	-86.935396	56063.91	56256.4	-6.45	56057.47	56057.46875	56061.39946	56061.39844	504741.8	5408101.8
T8100.1	504743.6	5408101.8	5821.39990	263.17	0	48.825878	-86.935370	56063.96	56256.4	-6.45	56057.51	56057.51172	56061.42046	56061.42188	504743.6	5408101.8
T8100.1	504744.9	5408101.8	5821.50000	261.10	0	48.825878	-86.935352	56063.78	56256.4	-6.45	56057.33	56057.32813	56061.41159	56061.41016	504744.9	5408101.8
T8100.1	504744.9	5408101.8	5821.60010	261.16	0	48.825878	-86.935352	56063.96	56256.5	-6.45	56057.51	56057.51172	56061.44508	56061.44531	504744.9	5408101.8
T8100.1	504746.5	5408101.8	5821.70020	260.79	0	48.825878	-86.935332	56063.76	56256.5	-6.45	56057.30	56057.30078	56061.42907	56061.42969	504746.5	5408101.8
T8100.1	504747.5	5408101.8	5821.79981	261.05	0	48.825878	-86.935317	56063.73	56256.5	-6.46	56057.27	56057.26953	56061.43225	56061.43359	504747.5	5408101.8
T8100.1	504748.9	5408101.8	5821.89990	265.41	0	48.825878	-86.935299	56063.71	56256.5	-6.46	56057.25	56057.25000	56061.43355	56061.43359	504748.9	5408101.8
T8100.1	504748.9	5408101.8	5822.00000	268.86	0	48.825878	-86.935299	56063.71	56256.5	-6.46	56057.25	56057.25000	56061.43377	56061.43359	504748.9	5408101.8
T8100.1	504750.7	5408101.8	5822.10010	268.05	0	48.825878	-86.935274	56063.36	56256.5	-6.46	56056.90	56056.89844	56061.39194	56061.39063	504750.7	5408101.8
T8100.1	504750.7	5408101.8	5822.20020	258.69	0	48.825878	-86.935274	56063.32	56256.5	-6.46	56056.86	56056.85938	56061.38015	56061.37891	504750.7	5408101.8
T8100.1	504753.5	5408101.8	5822.29981	258.76	0	48.825878	-86.935236	56063.48	56256.5	-6.46	56057.02	56057.01953	56061.38558	56061.38672	504753.5	5408101.8
T8100.1	504753.5	5408101.8	5822.39990	266.25	0	48.825878	-86.935236	56063.33	56256.5	-6.46	56056.87	56056.87109	56061.35226	56061.35156	504753.5	5408101.8
T8100.1	504754.9	5408101.8	5822.50000	263.66	0	48.825879	-86.935217	56063.08	56256.5	-6.46	56056.62	56056.62109	56061.30209	56061.30078	504754.9	5408101.8
T8100.1	504754.9	5408101.8	5822.60010	262.27	0	48.825879	-86.935217	56063.16	56256.5	-6.46	56056.70	56056.69922	56061.28330	56061.28516	504754.9	5408101.8
T8100.1	504756.3	5408101.9	5822.70020	260.51	0	48.825879	-86.935198	56062.92	56256.5	-6.46	56056.46	56056.46094	56061.22107	56061.22266	504756.3	5408101.9
T8100.1	504757.9	5408101.9	5822.79981	261.60	0	48.825879	-86.935176	56062.77	56256.5	-6.46	56056.31	56056.30859	56061.16175	56061.16016	504757.9	5408101.9
T8100.1	504759.4	5408101.9	5822.89990	263.69	0	48.825879	-86.935155	56062.92	56256.5	-6.46	56056.46	56056.46094	56061.13367	56061.13281	504759.4	5408101.9
T8100.1	504759.4	5408101.9	5823.00000	264.73	0	48.825879	-86.935155	56062.77	56256.5	-6.46	56056.31	56056.30859	56061.06053	56061.05859	504759.4	5408101.9
T8100.1	504760.6	5408101.9	5823.10010	264.68	0	48.825879	-86.935139	56062.46	56256.5	-6.46	56056.00	56056.00000	56060.95844	56060.95703	504760.6	5408101.9
T8100.1	504761.7	5408101.9	5823.20020	266.06	0	48.825879	-86.935124	56062.57	56256.5	-6.47	56056.10	56056.10156	56060.91400	56060.91406	504761.7	5408101.9
T8100.1	504763.1	5408102.0	5823.29981	265.17	0	48.825879	-86.935105	56062.32	56256.5	-6.47	56055.85	56055.85156	56060.81785	56060.81641	504763.1	5408102.0
T8100.1	504763.1	5408102.0	5823.39990	266.19	0	48.825879	-86.935105	56062.14	56256.5	-6.47	56055.67	56055.67188	56060.73545	56060.73438	504763.1	5408102.0
T8100.1	504764.6	5408102.0	5823.50000	265.92	0	48.825880	-86.935085	56061.98	56256.5	-6.47	56055.51	56055.51172	56060.66220	56060.66406	504764.6	5408102.0
T8100.1	504766.3	5408102.0	5823.60010	263.10	0	48.825880	-86.935061	56062.04	56256.5	-6.48	56055.56	56055.55859	56060.63413	56060.63281	504766.3	5408102.0
T8100.1	504767.8	5408102.0	5823.70020	262.48	0	48.825880	-86.935040	56061.76	56256.5	-6.48	56055.28	56055.28125	56060.55811	56060.55859	504767.8	5408102.0
T8100.1	504767.8	5408102.0	5823.79981	262.36	0	48.825880	-86.935040	56061.68	56256.5	-6.48	56055.20	56055.19922	56060.52690	56060.52734	504767.8	5408102.0
T8100.1	504769.4	5408102.0	5823.89990	263.32	0	48.825880	-86.935019	56061.51	56256.5	-6.49	56055.03	56055.03125	56060.48864	56060.48828	504769.4	5408102.0
T8100.1	504770.8	5408102.1	5824.00000	266.30	0	48.825880	-86.935000	56061.63	56256.5	-6.49	56055.14	56055.14063	56060.50611	56060.50781	504770.8	5408102.1
T8100.1	504770.8	5408102.1	5824.10010	269.98	0	48.825880	-86.935000	56061.38	56256.5	-6.49	56054.89	56054.89063	56060.46711	56060.46875	504770.8	5408102.1
T8100.1	504772.5	5408102.1	5824.20020	270.35	0	48.825880	-86.934976	56061.23	56256.5	-6.49	56054.74	56054.73828	56060.45014	56060.44922	504772.5	5408102.1
T8100.1	504774.1	5408102.1	5824.29981	271.00	0	48.825881	-86.934955	56061.06	56256.5	-6.49	56054.56	56054.55859	56060.43212	56060.43359	504774.1	5408102.1
T8100.1	504774.1	5408102.1	5824.39990	271.07	0	48.825881	-86.934955	56061.18	56256.5	-6.49	56054.68	56054.67969	56060.46393	56060.46484	504774.1	5408102.1
T8100.1	504775.3	5408102.1	5824.50000	269.18	0	48.825881	-86.934939	56061.06	56256.5	-6.49	56054.56	56054.55859	56060.46007	56060.46094	504775.3	5408102.1
T8100.1	504776.5	5408102.1	5824.60010	266.80	0	48.825881	-86.934922	56060.85	56256.5	-6.50	56054.36	56054.35938	56060.44692	56060.44531	504776.5	5408102.1
T8100.1	504778.2	5408102.2	5824.70020	265.87	0	48.825881	-86.934899	56060.77	56256.5	-6.50	56054.27	56054.26953	56060.45256	56060.45313	504778.2	5408102.2
T8100.1	504778.2	5408102.2	5824.79981	262.68	0	48.825881	-86.934899	56060.63	56256.5	-6.50	56054.13	56054.12891	56060.45457	56060.45313	504778.2	5408102.2
T8100.1	504779.3	5408102.2	5824.89990	261.19	0	48.825882	-86.934885	56060.65	56256.5	-6.50	56054.15	56054.14844	56060.48048	56060.48047	504779.3	5408102.2
T8100.1	504780.7	5408102.2	5825.00000	259.20	0	48.825882	-86.934866	56060.12	56256.5	-6.50	56053.62	56053.62109	56060.44380	56060.44531	504780.7	5408102.2
T8100.1	504782.2	5408102.2	5825.10010	258.75	0	48.825882	-86.934845	56060.22	56256.5	-6.50	56053.72	56053.71875	56060.48738	56060.48828	504782.2	5408102.2
T8100.1	504784.0	5408102.2	5825.20020	259.56	0	48.825882	-86.934820	56060.09	56256.5	-6.51	56053.58	56053.57813	56060.50695	56060.50781	504784.0	5408102.2
T8100.1	504784.0	5408102.2	5825.29981	258.62	0	48.825882	-86.934820	56059.96	56256.5	-6.51	56053.45	56053.44922	56060.53121	56060.53125	504784.0	5408102.2
T8100.1	504785.5	5408102.3	5825.39990	261.05	0	48.825882	-86.934800	56059.91	56256.5	-6.51	56053.40	56053.39844	56060.56518	56060.56641	504785.5	5408102.3
T8100.1	504786.7	5408102.3	5825.50000	263.77	0	48.825882	-86.934784	56059.56	56256.5	-6.51	56053.04	56053.03906	56060.57595	56060.57422	504786.7	5408102.3
T8100.1	504786.7	5408102.3	5825.60010	263.64	0	48.825882	-86.934784	56059.68	56256.5	-6.52	56053.17	56053.17188	56060.62568	56060.62500	504786.7	5408102.3
T8100.1	504788.3	5408102.3	5825.70020	264.19	0	48.825882	-86.934762	56059.41	56256.5	-6.52	56052.89	56052.89063	56060.64612	56060.64453	504788.3	5408102.3
T8100.1	504789.8	5408102.3	5825.79981	264.71	0	48.825882	-86.934741	56059.31	56256.5	-6.52	56052.78	56052.78125	56060.67631	56060.67578	504789.8	5408102.3
T8100.1	504789.8	5408102.3	5825.89990	265.84	0	48.825882	-86.934741	56059.04	56256.5	-6.53	56052.51	56052.51172	56060.69532	56060.69531	504789.8	5408102.3
T8100.1	504791.5	5408102.3	5826.00000	264.17	0	48.825882	-86.934719	56059.03	56256.5	-6.53	56052.50	56052.50000	56060.72055	56060.71875	504791.5	5408102.3
T8100.1	504793.2	5408102.3	5826.10010	264.92	0	48.825882	-86.934695	56058.75	56256.5	-6.53	56052.23	56052.23047	56060.73065	56060.73047	504793.2	5408102.3
T8100.1	504793.2	5408102.3	5826.20020	262.63	0	48.825882	-86.934695	56058.85	56256.5	-6.53	56052.32	56052.32031	56060.74714	56060.74609	504793.2	5408102.3
T8100.1	504794.8	5408102.3	5826.29981	260.53	0	48.825882	-86.934673	56058.66	56256.5	-6.53	56052.13	56052.12891	56060.75144	56060.75000	504794.8	5408102.3
T8100.1	504794.8	5408102.3	5826.39990	260.52	0	48.825882	-86.934673	56058.57	56256.5	-6.53	56052.04	56052.03906	56060.75498	56060.75391	504794.8	5408102.3
T8100.1	504796.6	5408102.3	5826.50000	260.15	0	48.825882	-86.934649	56058.50	56256.5	-6.52	56051.98	56051.98047	56060.75661	56060.75781	504796.6	5408102.3
T8100.1	504798.2	5408102.3	5826.60010	259.40	0	48.825882	-86.934627	56058.32	56256.5	-6.52	56051.80	56051.80078	56060.75550	56060.75391	504798.2	5408102.3
T8100.1	504799.6	5408102.3	5826.70020	258.39	0	48.825882	-86.934608	56058.22	56256.5	-6.52	56051.70	56051.69922	56060.75328	56060.75391	504799.6	5408102.3
T8100.1	504799.6	5408102.3	5826.79981	257.62	0	48.825882	-86.934608	56058.02	56256.5	-6.52	56051.50	56051.50000	56060.74640	56060.74609	504799.6	5408102.3
T8100.1	504801.4	5408102.3	5826.89990	257.28	0	48.825882	-86.934583	56058.12	56256.5	-6.52	56051.60	56051.60156	56060.73301	56060.73438	504801.4	5408102.3

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
T8100.1	504802.8	5408102.3	5827.00000	256.84	0	48.825882	-86.934564	56057.71	56256.5	-6.52	56051.20	56051.19922	56060.71007	56060.71094	504802.8	5408102.3
T8100.1	504802.8	5408102.3	5827.10010	256.95	0	48.825882	-86.934564	56057.56	56256.5	-6.52	56051.04	56051.03906	56060.67421	56060.67578	504802.8	5408102.3
T8100.1	504804.6	5408102.2	5827.20020	255.55	0	48.825882	-86.934539	56057.51	56256.5	-6.52	56050.99	56050.98828	56060.62352	56060.62500	504804.6	5408102.2
T8100.1	504806.2	5408102.2	5827.29981	258.57	0	48.825882	-86.934518	56057.28	56256.5	-6.52	56050.76	56050.76172	56060.55656	56060.55469	504806.2	5408102.2
T8100.1	504806.2	5408102.2	5827.39990	256.55	0	48.825882	-86.934518	56056.95	56256.5	-6.52	56050.43	56050.42969	56060.47104	56060.47266	504806.2	5408102.2
T8100.1	504807.7	5408102.2	5827.50000	258.01	0	48.825882	-86.934497	56056.83	56256.5	-6.52	56050.30	56050.30078	56060.36939	56060.37109	504807.7	5408102.2
T8100.1	504809.5	5408102.2	5827.60010	258.75	0	48.825881	-86.934473	56056.78	56256.5	-6.53	56050.25	56050.25000	56060.25303	56060.25391	504809.5	5408102.2
T8100.1	504809.5	5408102.2	5827.70020	259.56	0	48.825881	-86.934473	56056.60	56256.5	-6.53	56050.07	56050.07031	56060.11994	56060.12109	504809.5	5408102.2
T8100.1	504810.9	5408102.2	5827.79981	260.21	0	48.825881	-86.934454	56056.40	56256.5	-6.53	56049.87	56049.87109	56059.97420	56059.97266	504810.9	5408102.2
T8100.1	504810.9	5408102.2	5827.89990	262.30	0	48.825881	-86.934454	56056.20	56256.5	-6.53	56049.67	56049.67188	56059.81992	56059.82031	504810.9	5408102.2
T8100.1	504812.7	5408102.2	5828.00000	264.94	0	48.825881	-86.934429	56056.29	56256.5	-6.53	56049.76	56049.76172	56059.67853	56059.67969	504812.7	5408102.2
T8100.1	504814.3	5408102.2	5828.10010	266.03	0	48.825881	-86.934407	56055.95	56256.5	-6.53	56049.41	56049.41016	56059.51185	56059.51172	504814.3	5408102.2
T8100.1	504816.0	5408102.2	5828.20020	265.31	0	48.825881	-86.934384	56055.79	56256.5	-6.53	56049.25	56049.25000	56059.36066	56059.35938	504816.0	5408102.2
T8100.1	504816.0	5408102.2	5828.29981	266.66	0	48.825881	-86.934384	56055.59	56256.5	-6.53	56049.06	56049.05859	56059.21482	56059.21484	504816.0	5408102.2
T8100.1	504817.4	5408102.2	5828.39990	265.85	0	48.825881	-86.934365	56055.56	56256.5	-6.53	56049.03	56049.03125	56059.09528	56059.09375	504817.4	5408102.2
T8100.1	504818.8	5408102.2	5828.50000	265.55	0	48.825881	-86.934346	56055.34	56256.5	-6.54	56048.80	56048.80078	56058.97231	56058.97266	504818.8	5408102.2
T8100.1	504818.8	5408102.2	5828.60010	266.17	0	48.825881	-86.934346	56055.08	56256.5	-6.54	56048.55	56048.55078	56058.86365	56058.86328	504818.8	5408102.2
T8100.1	504820.7	5408102.2	5828.70020	266.79	0	48.825881	-86.934320	56055.06	56256.5	-6.54	56048.52	56048.51953	56058.79650	56058.79688	504820.7	5408102.2
T8100.1	504822.3	5408102.2	5828.79981	266.89	0	48.825881	-86.934298	56054.93	56256.5	-6.54	56048.40	56048.39844	56058.73935	56058.73828	504822.3	5408102.2
T8100.1	504822.3	5408102.2	5828.89990	265.97	0	48.825881	-86.934298	56054.61	56256.5	-6.54	56048.07	56048.07031	56058.67888	56058.67969	504822.3	5408102.2
T8100.1	504823.9	5408102.2	5829.00000	266.84	0	48.825881	-86.934276	56054.50	56256.5	-6.54	56047.96	56047.96094	56058.66042	56058.66016	504823.9	5408102.2
T8100.1	504825.6	5408102.1	5829.10010	267.46	0	48.825881	-86.934254	56054.38	56256.5	-6.54	56047.83	56047.82813	56058.65659	56058.65625	504825.6	5408102.1
T8100.1	504825.6	5408102.1	5829.20020	265.24	0	48.825881	-86.934254	56054.15	56256.5	-6.55	56047.60	56047.60156	56058.65686	56058.65625	504825.6	5408102.1
T8100.1	504827.4	5408102.1	5829.29981	263.78	0	48.825880	-86.934229	56053.96	56256.6	-6.55	56047.41	56047.41016	56058.67150	56058.67188	504827.4	5408102.1
T8100.1	504828.8	5408102.1	5829.39990	263.71	0	48.825880	-86.934210	56053.94	56256.6	-6.56	56047.38	56047.37891	56058.70580	56058.70703	504828.8	5408102.1
T8100.1	504828.8	5408102.1	5829.50000	264.54	0	48.825880	-86.934210	56053.84	56256.6	-6.56	56047.28	56047.28125	56058.73515	56058.73438	504828.8	5408102.1
T8100.1	504830.5	5408102.1	5829.60010	262.10	0	48.825880	-86.934187	56053.41	56256.6	-6.56	56046.85	56046.85156	56058.73771	56058.73828	504830.5	5408102.1
T8100.1	504832.2	5408102.1	5829.70020	260.40	0	48.825880	-86.934163	56053.46	56256.6	-6.57	56046.90	56046.89844	56058.76976	56058.76953	504832.2	5408102.1
T8100.1	504832.2	5408102.1	5829.79981	248.04	0	48.825880	-86.934163	56053.11	56256.6	-6.57	56046.54	56046.53906	56058.76397	56058.76563	504832.2	5408102.1
T8100.1	504833.6	5408102.1	5829.89990	249.40	0	48.825880	-86.934144	56052.93	56256.6	-6.58	56046.36	56046.35938	56058.75755	56058.75781	504833.6	5408102.1
T8100.1	504835.0	5408102.1	5830.00000	261.57	0	48.825880	-86.934125	56053.01	56256.6	-6.58	56046.43	56046.42969	56058.74981	56058.75000	504835.0	5408102.1
T8100.1	504835.0	5408102.1	5830.10010	264.11	0	48.825880	-86.934125	56052.63	56256.6	-6.58	56046.05	56046.05078	56058.69721	56058.69531	504835.0	5408102.1
T8100.1	504836.6	5408102.1	5830.20020	252.72	0	48.825880	-86.934104	56052.68	56256.6	-6.58	56046.10	56046.10156	56058.64998	56058.64844	504836.6	5408102.1
T8100.1	504838.1	5408102.0	5830.29981	251.76	0	48.825880	-86.934083	56052.40	56256.6	-6.58	56045.83	56045.82813	56058.56297	56058.56250	504838.1	5408102.0
T8100.1	504839.8	5408102.0	5830.39990	264.26	0	48.825879	-86.934061	56052.23	56256.6	-6.58	56045.65	56045.64844	56058.45892	56058.45703	504839.8	5408102.0
T8100.1	504839.8	5408102.0	5830.50000	264.39	0	48.825879	-86.934061	56052.05	56256.6	-6.57	56045.47	56045.46875	56058.33193	56058.33203	504839.8	5408102.0
T8100.1	504841.2	5408102.0	5830.60010	251.81	0	48.825879	-86.934041	56051.76	56256.6	-6.57	56045.19	56045.19141	56058.17396	56058.17578	504841.2	5408102.0
T8100.1	504842.3	5408102.0	5830.70020	251.23	0	48.825879	-86.934027	56051.67	56256.6	-6.57	56045.09	56045.08984	56058.00748	56058.00781	504842.3	5408102.0
T8100.1	504842.3	5408102.0	5830.79981	263.99	0	48.825879	-86.934027	56051.41	56256.6	-6.57	56044.84	56044.83984	56057.80741	56057.80859	504842.3	5408102.0
T8100.1	504844.0	5408102.0	5830.89990	264.96	0	48.825879	-86.934003	56051.29	56256.6	-6.57	56044.71	56044.71094	56057.60112	56057.60156	504844.0	5408102.0
T8100.1	504845.4	5408101.9	5831.00000	265.57	0	48.825879	-86.933983	56051.20	56256.6	-6.57	56044.63	56044.62891	56057.38803	56057.38672	504845.4	5408101.9
T8100.1	504846.9	5408101.9	5831.10010	267.59	0	48.825878	-86.933964	56050.98	56256.6	-6.57	56044.41	56044.41016	56057.14995	56057.14844	504846.9	5408101.9
T8100.1	504846.9	5408101.9	5831.20020	267.69	0	48.825878	-86.933964	56050.78	56256.6	-6.57	56044.21	56044.21094	56056.90948	56056.91016	504846.9	5408101.9
T8100.1	504848.4	5408101.9	5831.29981	265.05	0	48.825878	-86.933943	56050.66	56256.6	-6.57	56044.09	56044.08984	56056.68291	56056.68359	504848.4	5408101.9
T8100.1	504849.7	5408101.9	5831.39990	266.07	0	48.825878	-86.933926	56050.20	56256.6	-6.57	56043.63	56043.62891	56056.41150	56056.41016	504849.7	5408101.9
T8100.1	504849.7	5408101.9	5831.50000	266.35	0	48.825878	-86.933926	56050.35	56256.6	-6.57	56043.78	56043.78125	56056.26105	56056.26172	504849.7	5408101.9
T8100.1	504851.5	5408101.8	5831.60010	267.42	0	48.825878	-86.933901	56050.07	56256.6	-6.57	56043.50	56043.50000	56056.06140	56056.06250	504851.5	5408101.8
T8100.1	504851.5	5408101.8	5831.70020	270.08	0	48.825878	-86.933901	56049.82	56256.6	-6.57	56043.25	56043.25000	56055.89973	56055.89844	504851.5	5408101.8
T8100.1	504853.8	5408101.8	5831.79981	270.22	0	48.825877	-86.933869	56049.72	56256.6	-6.57	56043.15	56043.14844	56055.80167	56055.80078	504853.8	5408101.8
T8100.1	504853.8	5408101.8	5831.89990	254.89	0	48.825877	-86.933869	56049.62	56256.6	-6.57	56043.05	56043.05078	56055.74019	56055.73828	504853.8	5408101.8
T8100.1	504855.1	5408101.8	5832.00000	255.79	0	48.825877	-86.933852	56049.32	56256.6	-6.57	56042.75	56042.75000	56055.67625	56055.67578	504855.1	5408101.8
T8100.1	504856.3	5408101.8	5832.10010	270.49	0	48.825877	-86.933835	56049.37	56256.6	-6.57	56042.80	56042.80078	56055.71537	56055.71484	504856.3	5408101.8
T8100.1	504856.3	5408101.8	5832.20020	270.16	0	48.825877	-86.933835	56048.94	56256.6	-6.57	56042.37	56042.37109	56055.69647	56055.69531	504856.3	5408101.8
T8100.1	504857.8	5408101.7	5832.29981	271.32	0	48.825877	-86.933814	56048.81	56256.6	-6.57	56042.24	56042.23828	56055.76204	56055.76172	504857.8	5408101.7
T8100.1	504859.2	5408101.7	5832.39990	270.96	0	48.825877	-86.933796	56048.86	56256.6	-6.57	56042.28	56042.28125	56055.87844	56055.87891	504859.2	5408101.7
T8100.1	504859.2	5408101.7	5832.50000	271.53	0	48.825877	-86.933796	56048.71	56256.6	-6.57	56042.13	56042.12891	56055.97795	56055.97656	504859.2	5408101.7
T8100.1	504860.4	5408101.7	5832.60010	273.78	0	48.825876	-86.933779	56048.61	56256.6	-6.58	56042.03	56042.03125	56056.09671	56056.09766	504860.4	5408101.7
T8100.1	504862.2	5408101.6	5832.70020	271.64	0	48.825876	-86.933756	56048.61	56256.6	-6.58	56042.03	56042.03125	56056.23629	56056.23438	504862.2	5408101.6
T8100.1	504863.4	5408101.6	5832.79981	268.02	0	48.825876	-86.933738	56048.16	56256.6	-6.58	56041.58	56041.57813	56056.31801	56056.31641	504863.4	5408101.6
T8100.1	504863.4	5408101.6	5832.89990	265.87	0	48.825876	-86.933738	56048.20	56256.6	-6.58	56041.62	56041.62109	56056.46465	56056.46484	504863.4	5408101.6
T8100.1	504864.7	5408101.6	5833.00000	261.49	0	48.825875	-86.933721	56047.97	56256.6	-6.58	56041.39	56041.39063	56056.57408	56056.57422	504864.7	5408101.6
T8100.1	504864.7	5408101.6	5833.10010	258.41	0	48.825875	-86.933721	56047.90	56256.6	-6.58	56041.32	56041.32031	56056.69457	56056.69531	504864.7	5408101.6
T8100.1	504866.1	5408101.6	5833.20020	258.94	0	48.825875	-86.933702	56047.85	56256.6	-6.58	56041.27	56041.26953	56056.80634	56056.80469	504866.1	5408101.6
T8100.1	504867.4	5408101.5	5833.29981	258.28	0	48.825875	-86.933684	56047.45	56256.6	-6.58	56040.87	56040.87109	56056.87416	56056.87500	504867.4	5408101.5
T8100.1	504868.6	5408101.5	5833.39990	259.29	0	48.825875	-86.933668	56047.46	56256.6	-6.58	56040.89	56040.89063	56056.96358	56056.96484	504868.6	5408101.5
T8100.1	504868.6	5408101.5	5833.50000	259.23	0	48.825875	-86.933668	56047.29	56256.6	-6.58	56040.72	56040.71875	56057.01851	56057.01953	504868.6	5408101.5
T8100.1	504869.9	5408101.5	5833.60010	260.49	0	48.825874	-86.933650	56047.29	56256.6	-6.57	56040.71	56040.71094	56057.06418	56057.06250	504869.9	5408101.5
T8100.1	504871.0	5408101.4	5833.70020	263.76	0	48.825874	-86.933635	56047.04	56256.6	-6.57	56040.47	56040.46875	56057.07042	56057.07031	504871.0	5408101.4
T8100.1	504871.0	5408101.4	5833.79981	265.02	0	48.825874	-86.933635	56046.82	56256.6	-6.57	56040.24	56040.23828	56057.05287	56057.05469	504871.0	5408101.4
T8100.1	504872.2	5408101.4	5833.89990	264.78	0	48.825874	-86.933618	56046.86	56256.6	-6.57	56040.29	56040.28906	56057.02890	56057.02734	504872.2	5408101.4
T8100.1	504872.2	5408101.4	5834.00000	265.19	0	48.825874	-86.933618	56046.71	56256.6	-6.57	56040.14	56040.14063	56056.96724	56056.96875	504872.2	5408101.4
T8100.1	504873.5	5408101.4	5834.10010	265.11	0	48.825874	-86.933601	56046.51	56256.6	-6.57	56039.94	56039.94141	56056.88070	56056.87891	504873.5	5408101.4
T8100.1	504874.5	5408101.4	5834.20020	262.31	0	48.825874	-86.933587	56046.58	56256.6	-6.57	56040.01	56040.01172	56056.79539	56056.79688	504874.5	5408101.4
T8100.1	504874.5	5408101.4	5834.29981	261.47	0	48.825874	-86.933587	56046.18	56256.6	-6.57	56039.61	56039.60938	56056.65863	56056.66016	504874.5	5408101.4
T8100.1	504876.1	5408101.4	5834.39990	261.58	0	48.825873	-86.933566	56046.25	56256.6	-6.57	56039.68	56039.67969	56056.55138	56056.55078	504876.1	5408101.4
T8100.1	504877.1	5408101.3	5834.50000	263.42	0	48.825873	-86.933552	56046.18	56256.6	-6.57	56039.61	56039.60938	56056.43091	56056.42969	504877.1	5408101.3
T8100.1	504878.2	5408101.3	5834.60010	266.86	0	48.825873	-86.933537	56045.98	56256.6	-6.58	56039.40	56039.39844	56056.30159	56056.30078	504878.2	5408101.3
T8100.1	504878.2	5408101.3	5834.70020	267.00	0	48.825873	-86.933537	56045.95	56256.6	-6.58	56039.37	56039.37109	56056.20327	56056.20313	504878.2	5408101.3
T8100.1	504879.4	5408101.3	5834.79981	266.67	0	48.825873	-86.933520	56045.82	56256.6	-6.58	56039.25	56039.25000	56056.11049	56056.10938	504879.4	5408101.3
T8100.1	504880.3	5408101.3	5834.89990	264.84	0	48.825873	-86.933508	56045.63	56256.6	-6.58	56039.05	56039.05078	56056.02418	56056.02344	504880.3	5408101.3
T8100.1	504880.3	5408101.3	5835.00000	261.15	0	48.825873	-86.933508	56045.32	56256.6	-6.58	56038.74	56038.73828	56055.94065	56055.94141	504880.3	5408101.3
T8100.1	504881.3	5408101.3	5835.10010	263.18	0	48.825873	-86.933495	56045.37	56256.6	-6.58	56038.79	56038.78906	56055.91051	56055.91016	504881.3	5408101.3
T8100.1	504882.7	5408101.3	5835.20020	265.09	0	48.825872	-86.933476	56045.25	56256.6	-6.57	56038.67	56038.67188	56055.87377	56055.87500	504882.7	5408101.3
T8100.1	504883.3	5408101.3	5835.29981	266.55	0	48.825872	-86.933468	56045.17	56256.6	-6.57	56038.60	56038.60156	56055.85210	56055.85156	504883.3	5408101.3
T8100.1	504884.4	5408101.3	5835.39990	265.89	0	48.825872	-86.933453	56045.19	56256.6	-6.57	56038.62	56038.62109	56055.84688	56055.84766	504884.4	5408101.3
T8100.1	504884.4	5408101.3	5835.50000	263.51	0	48.825872	-86.933453	56044.96	56256.6	-6.57	56038.40	56038.39844	56055.81782	56055.81641	504884.4	5408101.3
T8100.1	504885.3	5408101.3	5835.60010	261.70	0	48.825872	-86.933440	56044.87	56256.6	-6.56	56038.30	56038.30078	56055.80239	56055.80078	504885.3	5408101.3
T8100.1	504886.1	5408101.3	5835.70020	263.77	0	48.825873	-86.933429	56044.76	56256.6	-6.56	56038.20	56038.19922	56055.78527	56055.78516	504886.1	5408101.3
T8100.1	504886.9	5408101.3	5835.79981	265.21	0	48.825873	-86.933418	56044.48	56256.6	-6.56	56037.92	56037.92188	56055.74518	56055.74609	504886.9	5408101.3
T8100.1	504886.9	5408101.3	5835.89990	265.57	0	48.825873	-86.933418	56044.52	56256.6	-6.55	56037.96	56037.96094	56055.73614	56055.73438	504886.9	5408101.3
T8100.1	504887.8	5408101.3	5836.00000	264.23	0	48.825873	-86.933406	56044.58	56256.6	-6.55	56038.03	56038.03125	56055.72494	56055.72656	504887.8	5408101.3
T8100.1	504887.8	5408101.3	5836.10010	264.65	0	48.825873	-86.933406	56044.26	56256.5	-6.55	56037.71	56037.71094	56055.66473	56055.66406	504887.8	5408101.3
T8100.1	504888.8	5408101.3	5836.20020	263.66	0	48.825873	-86.933392	56044.33	56256.5	-6.55	56037.79	56037.78906	56055.64643	56055.64453	504888.8	5408101.3

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
T8100.1	504889.6	5408101.3	5836.29981	262.74	0	48.825873	-86.933381	56044.26	56256.5	-6.54	56037.71	56037.71094	56055.60814	56055.60938	504889.6	5408101.3
T8100.1	504890.5	5408101.3	5836.39990	262.77	0	48.825873	-86.933369	56044.16	56256.5	-6.54	56037.61	56037.60938	56055.56586	56055.56641	504890.5	5408101.3
T8100.1	504890.5	5408101.3	5836.50000	261.64	0	48.825873	-86.933369	56044.14	56256.5	-6.54	56037.60	56037.60156	56055.53287	56055.53125	504890.5	5408101.3
T8100.1	504891.4	5408101.3	5836.60010	264.22	0	48.825873	-86.933357	56044.20	56256.5	-6.54	56037.67	56037.67188	56055.50885	56055.50781	504891.4	5408101.3
T8100.1	504892.3	5408101.3	5836.70020	263.07	0	48.825873	-86.933345	56044.16	56256.5	-6.54	56037.62	56037.62109	56055.47029	56055.46875	504892.3	5408101.3
T8100.1	504892.3	5408101.3	5836.79981	261.39	0	48.825873	-86.933345	56043.88	56256.5	-6.53	56037.35	56037.35156	56055.40454	56055.40625	504892.3	5408101.3
T8100.1	504893.0	5408101.3	5836.89990	265.49	0	48.825873	-86.933335	56043.67	56256.5	-6.53	56037.14	56037.14063	56055.34637	56055.34766	504893.0	5408101.3
T8100.1	504894.0	5408101.3	5837.00000	266.03	0	48.825873	-86.933322	56043.63	56256.5	-6.53	56037.10	56037.10156	56055.31054	56055.30859	504894.0	5408101.3
T8100.1	504894.9	5408101.3	5837.10010	265.57	0	48.825873	-86.933310	56043.57	56256.5	-6.53	56037.05	56037.05078	56055.27584	56055.27734	504894.9	5408101.3
T8100.1	504894.9	5408101.3	5837.20020	266.91	0	48.825873	-86.933310	56043.62	56256.5	-6.53	56037.09	56037.08984	56055.25626	56055.25781	504894.9	5408101.3
T8100.1	504895.8	5408101.3	5837.29981	266.94	0	48.825873	-86.933298	56043.63	56256.5	-6.53	56037.10	56037.10156	56055.23673	56055.23828	504895.8	5408101.3
T8100.1	504896.6	5408101.3	5837.39990	265.82	0	48.825872	-86.933286	56043.73	56256.5	-6.53	56037.20	56037.19922	56055.23354	56055.23438	504896.6	5408101.3
T8100.1	504896.6	5408101.3	5837.50000	266.48	0	48.825872	-86.933286	56043.95	56256.5	-6.52	56037.43	56037.42969	56055.25219	56055.25391	504896.6	5408101.3
T8100.1	504896.6	5408101.3	5837.60010	265.50	0	48.825872	-86.933286	56043.90	56256.5	-6.52	56037.37	56037.37109	56055.23623	56055.23438	504896.6	5408101.3
T8100.1	504898.0	5408101.3	5837.70020	268.40	0	48.825872	-86.933267	56043.83	56256.5	-6.52	56037.31	56037.30859	56055.22358	56055.22266	504898.0	5408101.3
T8100.1	504898.0	5408101.3	5837.79981	266.64	0	48.825872	-86.933267	56043.50	56256.5	-6.52	56036.97	56036.96875	56055.17606	56055.17578	504898.0	5408101.3
T8100.1	504898.7	5408101.3	5837.89990	264.76	0	48.825873	-86.933258	56043.70	56256.5	-6.52	56037.18	56037.17969	56055.20722	56055.20703	504898.7	5408101.3
T8100.1	504898.7	5408101.3	5838.00000	264.23	0	48.825873	-86.933258	56043.68	56256.5	-6.52	56037.16	56037.16016	56055.21106	56055.21094	504898.7	5408101.3
T8100.1	504899.3	5408101.3	5838.10010	264.88	0	48.825873	-86.933250	56043.63	56256.5	-6.52	56037.11	56037.10938	56055.21455	56055.21484	504899.3	5408101.3
T8100.1	504900.1	5408101.3	5838.20020	265.73	0	48.825873	-86.933239	56043.40	56256.5	-6.52	56036.88	56036.87891	56055.19632	56055.19531	504900.1	5408101.3
T8100.1	504900.7	5408101.3	5838.29981	263.53	0	48.825873	-86.933231	56043.29	56256.5	-6.51	56036.78	56036.78125	56055.19827	56055.19922	504900.7	5408101.3
T8100.1	504901.3	5408101.3	5838.39990	264.83	0	48.825873	-86.933222	56043.52	56256.5	-6.51	56037.01	56037.01172	56055.24667	56055.24609	504901.3	5408101.3
T8100.1	504901.3	5408101.3	5838.50000	264.95	0	48.825873	-86.933222	56043.38	56256.5	-6.51	56036.87	56036.87109	56055.24423	56055.24609	504901.3	5408101.3
T8100.1	504902.0	5408101.3	5838.60010	268.62	0	48.825873	-86.933212	56043.50	56256.5	-6.51	56036.99	56036.98828	56055.27609	56055.27734	504902.0	5408101.3
T8100.1	504902.5	5408101.3	5838.70020	266.33	0	48.825873	-86.933206	56043.32	56256.5	-6.51	56036.81	56036.80859	56055.26365	56055.26172	504902.5	5408101.3
T8100.1	504902.5	5408101.3	5838.79981	267.49	0	48.825873	-86.933206	56043.27	56256.5	-6.50	56036.76	56036.76172	56055.26479	56055.26563	504902.5	5408101.3
T8100.1	504903.2	5408101.4	5838.89990	265.85	0	48.825873	-86.933197	56043.12	56256.5	-6.50	56036.62	56036.62109	56055.24744	56055.24609	504903.2	5408101.4
T8100.1	504903.2	5408101.4	5839.00000	264.86	0	48.825873	-86.933197	56043.52	56256.5	-6.50	56037.02	56037.01953	56055.29778	56055.29688	504903.2	5408101.4
T8100.1	504903.7	5408101.4	5839.10010	265.67	0	48.825873	-86.933189	56043.47	56256.5	-6.50	56036.97	56036.96875	56055.27683	56055.27734	504903.7	5408101.4
T8100.1	504904.3	5408101.4	5839.20020	266.42	0	48.825873	-86.933181	56043.30	56256.5	-6.50	56036.80	56036.80078	56055.23027	56055.23047	504904.3	5408101.4
T8100.1	504904.3	5408101.4	5839.29981	263.51	0	48.825873	-86.933181	56043.12	56256.5	-6.50	56036.62	56036.62109	56055.17511	56055.17578	504904.3	5408101.4
T8100.1	504905.0	5408101.4	5839.39990	264.67	0	48.825873	-86.933172	56043.12	56256.5	-6.50	56036.62	56036.62109	56055.14011	56055.14063	504905.0	5408101.4
T8100.1	504905.0	5408101.4	5839.50000	267.32	0	48.825873	-86.933172	56042.99	56256.5	-6.50	56036.49	56036.48828	56055.08033	56055.08203	504905.0	5408101.4
T8100.1	504905.5	5408101.4	5839.60010	264.83	0	48.825873	-86.933165	56042.96	56256.5	-6.50	56036.46	56036.46094	56055.03153	56055.03125	504905.5	5408101.4
T8100.1	504906.0	5408101.4	5839.70020	264.76	0	48.825873	-86.933158	56043.00	56256.5	-6.50	56036.50	56036.50000	56054.99177	56054.99219	504906.0	5408101.4
T8100.1	504906.5	5408101.4	5839.79981	266.40	0	48.825874	-86.933152	56042.91	56256.5	-6.50	56036.41	56036.41016	56054.93037	56054.92969	504906.5	5408101.4
T8100.1	504906.5	5408101.4	5839.89990	266.54	0	48.825874	-86.933152	56043.04	56256.5	-6.50	56036.54	56036.53906	56054.90533	56054.90625	504906.5	5408101.4
T8100.1	504906.8	5408101.4	5840.00000	264.51	0	48.825874	-86.933147	56043.07	56256.5	-6.50	56036.57	56036.57031	56054.86520	56054.86328	504906.8	5408101.4
T8100.1	504906.8	5408101.4	5840.10010	265.78	0	48.825874	-86.933147	56043.02	56256.5	-6.50	56036.52	56036.51953	56054.81343	56054.81250	504906.8	5408101.4
T8100.1	504907.3	5408101.4	5840.20020	265.64	0	48.825874	-86.933140	56042.99	56256.5	-6.49	56036.50	56036.50000	56054.76932	56054.76953	504907.3	5408101.4
T8100.1	504907.6	5408101.5	5840.29981	265.93	0	48.825874	-86.933136	56042.86	56256.5	-6.49	56036.37	56036.37109	56054.70883	56054.70703	504907.6	5408101.5
T8100.1	504908.0	5408101.5	5840.39990	265.95	0	48.825874	-86.933131	56042.94	56256.5	-6.49	56036.45	56036.44922	56054.69011	56054.69141	504908.0	5408101.5
T8100.1	504908.0	5408101.5	5840.50000	268.17	0	48.825874	-86.933131	56042.79	56256.5	-6.49	56036.30	56036.30078	56054.63407	56054.63281	504908.0	5408101.5
T8100.1	504908.2	5408101.5	5840.60010	270.36	0	48.825874	-86.933129	56042.99	56256.5	-6.48	56036.51	56036.51172	56054.65009	56054.64844	504908.2	5408101.5
T8100.1	504908.4	5408101.5	5840.70020	267.40	0	48.825874	-86.933125	56042.96	56256.5	-6.48	56036.49	56036.48828	56054.62831	56054.62891	504908.4	5408101.5
T8100.1	504908.7	5408101.5	5840.79981	269.37	0	48.825874	-86.933121	56043.04	56256.5	-6.48	56036.57	56036.57031	56054.63123	56054.63281	504908.7	5408101.5
T8100.1	504908.7	5408101.5	5840.89990	270.17	0	48.825874	-86.933121	56042.94	56256.5	-6.47	56036.47	56036.46875	56054.60608	56054.60547	504908.7	5408101.5
T8100.1	504909.0	5408101.5	5841.00000	267.49	0	48.825874	-86.933118	56042.74	56256.5	-6.47	56036.27	56036.26953	56054.56828	56054.56641	504909.0	5408101.5
T8100.1	504909.3	5408101.5	5841.10010	266.09	0	48.825874	-86.933113	56042.79	56256.5	-6.47	56036.32	56036.32031	56054.58734	56054.58594	504909.3	5408101.5
T8100.1	504909.5	5408101.5	5841.20020	267.61	0	48.825874	-86.933111	56042.79	56256.5	-6.47	56036.32	56036.32031	56054.60466	56054.60547	504909.5	5408101.5
T8100.1	504909.5	5408101.5	5841.29981	267.42	0	48.825874	-86.933111	56042.86	56256.5	-6.47	56036.40	56036.39844	56054.64651	56054.64844	504909.5	5408101.5
T8100.1	504909.7	5408101.5	5841.39990	265.28	0	48.825874	-86.933108	56042.86	56256.5	-6.47	56036.40	56036.39844	56055.51214	56055.51172	504909.7	5408101.5
T8100.1	504909.8	5408101.5	5841.50000	264.07	0	48.825874	-86.933106	56042.96	56256.5	-6.46	56036.50	56036.50000	56055.55696	56055.55859	504909.8	5408101.5
T8100.1	504909.8	5408101.5	5841.60010	266.47	0	48.825874	-86.933106	56042.94	56256.5	-6.46	56036.47	56036.46875	56055.62219	56055.62109	504909.8	5408101.5
T8100.1	504910.0	5408101.5	5841.70020	268.57	0	48.825874	-86.933104	56043.02	56256.5	-6.46	56036.56	56036.55859	56054.86179	56054.86328	504910.0	5408101.5
T8100.1	504910.0	5408101.5	5841.79981	267.71	0	48.825874	-86.933104	56042.92	56256.5	-6.46	56036.46	56036.46094	56054.90436	56054.90625	504910.0	5408101.5
T8100.1	504910.1	5408101.5	5841.89990	267.84	0	48.825874	-86.933102	56043.04	56256.5	-6.46	56036.58	56036.57813	56054.99494	56054.99609	504910.1	5408101.5
T8100.1	504910.2	5408101.5	5842.00000	267.06	0	48.825874	-86.933101	56042.62	56256.5	-6.46	56036.16	56036.16016	56054.98132	56054.98047	504910.2	5408101.5
T8100.1	504910.3	5408101.5	5842.10010	265.70	0	48.825874	-86.933100	56042.89	56256.5	-6.46	56036.43	56036.42969	56055.10464	56055.10547	504910.3	5408101.5
T8100.1	504910.3	5408101.5	5842.20020	268.03	0	48.825874	-86.933100	56043.12	56256.5	-6.46	56036.66	56036.66016	56055.21735	56055.21875	504910.3	5408101.5
T8100.1	504910.4	5408101.5	5842.29981	268.86	0	48.825874	-86.933099	56042.94	56256.5	-6.46	56036.48	56036.48047	56055.24665	56055.24609	504910.4	5408101.5
T8100.1	504910.4	5408101.5	5842.39990	266.35	0	48.825874	-86.933099	56043.30	56256.5	-6.46	56036.84	56036.83984	56055.37651	56055.37500	504910.4	5408101.5
T8100.1	504910.5	5408101.5	5842.50000	267.56	0	48.825874	-86.933097	56043.24	56256.5	-6.46	56036.79	56036.78906	56055.41973	56055.41797	504910.5	5408101.5
T8100.1	504910.6	5408101.5	5842.60010	267.36	0	48.825874	-86.933095	56043.34	56256.5	-6.45	56036.89	56036.89063	56055.48409	56055.48438	504910.6	5408101.5
T8100.1	504910.8	5408101.5	5842.70020	265.87	0	48.825874	-86.933093	56043.09	56256.5	-6.45	56036.64	56036.64063	56055.47086	56055.47266	504910.8	5408101.5
T8100.1	504911.0	5408101.5	5842.79981	265.78	0	48.825874	-86.933090	56043.40	56256.5	-6.45	56036.95	56036.94922	56055.55659	56055.55469	504911.0	5408101.5
T8100.1	504911.0	5408101.5	5842.89990	266.35	0	48.825874	-86.933090	56043.35	56256.5	-6.45	56036.90	56036.89844	56055.55925	56055.55859	504911.0	5408101.5
T8100.1	504911.2	5408101.5	5843.00000	266.94	0	48.825874	-86.933087	56043.35	56256.4	-6.45	56036.90	56036.89844	56056.52107	56056.51953	504911.2	5408101.5
T8100.1	504911.2	5408101.5	5843.10010	266.78	0	48.825874	-86.933087	56043.30	56256.4	-6.45	56036.85	56036.85156	56056.53047	56056.53125	504911.2	5408101.5
T8100.1	504911.4	5408101.5	5843.20020	265.53	0	48.825874	-86.933084	56043.40	56256.4	-6.45	56036.95	56036.94922	56056.51230	56056.51172	504911.4	5408101.5
T8100.1	504911.7	5408101.5	5843.29981	265.96	0	48.825874	-86.933081	56043.80	56256.4	-6.45	56037.35	56037.35156	56056.45968	56056.46094	504911.7	5408101.5
T8100.1	504911.9	5408101.5	5843.39990	267.32	0	48.825874	-86.933078	56043.60	56256.4	-6.45	56037.16	56037.16016	56056.43850	56056.43750	504911.9	5408101.5
T8100.1	504911.9	5408101.5	5843.50000	270.05	0	48.825874	-86.933078	56044.05	56256.4	-6.44	56037.61	56037.60938	56056.36683	56056.36719	504911.9	5408101.5
T8100.1	504912.3	5408101.5	5843.60010	260.18	0	48.825874	-86.933072	56044.08	56256.4	-6.44	56037.63	56037.62891	56056.31577	56056.31641	504912.3	5408101.5
T8100.1	504912.3	5408101.5	5843.70020	261.04	0	48.825874	-86.933072	56044.48	56256.4	-6.44	56038.04	56038.03906	56056.24037	56056.24219	504912.3	5408101.5
T8100.1	504912.6	5408101.5	5843.79981	260.47	0	48.825874	-86.933068	56044.43	56256.4	-6.44	56037.99	56037.98828	56056.18022	56056.17969	504912.6	5408101.5
T8100.1	504912.6	5408101.5	5843.89990	260.64	0	48.825874	-86.933068	56044.51	56256.4	-6.44	56038.07	56038.07031	56056.11017	56056.10938	504912.6	5408101.5
T8100.1	504913.0	5408101.5	5844.00000	269.67	0	48.825874	-86.933063	56044.52	56256.4	-6.44	56038.08	56038.07813	56056.03823	56056.03906	504913.0	5408101.5
T8100.1	504913.3	5408101.5	5844.10010	270.31	0	48.825874	-86.933059	56044.56	56256.4	-6.44	56038.12	56038.12109	56055.96292	56055.96484	504913.3	5408101.5
T8100.1	504913.3	5408101.5	5844.20020	270.37	0	48.825874	-86.933059	56044.82	56256.4	-6.44	56038.38	56038.37891	56055.88677	56055.88672	504913.3	5408101.5
T8100.1	504913.6	5408101.5	5844.29981	271.76	0	48.825874	-86.933055	56045.02	56256.4	-6.43	56038.58	56038.57813	56055.81359	56055.81250	504913.6	5408101.5
T8100.1	504913.6	5408101.5	5844.39990	271.46	0	48.825874	-86.933055	56045.06	56256.4	-6.43	56038.63	56038.62891	56055.74049	56055.74219	504913.6	5408101.5
T8100.1	504913.9	5408101.5	5844.50000	270.84	0	48.825874	-86.933050	56045.42	56256.4	-6.43	56038.99	56038.98828	56055.67879	56055.67969	504913.9	5408101.5
T8100.1	504913.9	5408101.5	5844.60010	272.30	0	48.825874	-86.933050	56045.60	56256.4	-6.43	56039.17	56039.17188	56055.61671	56055.61719	504913.9	5408101.5
T8100.1	504914.3	5408101.5	5844.70020	272.94	0	48.825874	-86.933045	56045.77	56256.4	-6.43	56039.35	56039.35156	56055.55833	56055.55859	504914.3	5408101.5
T8100.1	504914.5	5408101.5	5844.79981	272.13	0	48.825874	-86.933042	56045.85	56256.4	-6.42	56039.43	56039.42969	56055.49740	56055.49609	504914.5	5408101.5
T8100.1	504914.8	5408101.5	5844.89990	271.38	0	48.825874	-86.933038	56045.90	56256.4	-6.42	56039.48	56039.48047	56055.43575	56055.43750	504914.8	5408101.5
T8100.1	504914.8	5408101.5	5845.00000	271.83	0	48.825874	-86.933038	56046.06	56256.4	-6.42	56039.64	56039.64063	56055.38355	56055.38281	504914.8	5408101.5
T8100.1	504915.1	5408101.5	5845.10010	272.94	0	48.825874	-86.933034	56046.23	56256.4	-6.42	56039.81	56039.80859	56055.33509	56055.33594	504915.1	5408101.5
T8100.1	504915.1	5408101.5	5845.20020	272.65	0	48.825874	-86.933034	56046.20	56256.4	-6.42	56039.79	56039.78906	56055.26953	56055.26953	504915.1	5408101.5
T8100.1	504915.4	5408101.5	5845.29981	273.81	0	48.825874	-86.933029	56046.56	56256.4	-6.41	56040.14	56040.14063	56055.24131	56055.24219	504915.4	5408101.5
T8100.1	504915.8	5408101.5	5845.39990	271.23	0	48.825874	-86.933025	56046.69	56256.4	-6.41	56040.28	56040.28125	56055.19146	56055.19141	504915.8	5408101.5
T8100.1	504916.0	5408101.5	5845.50000	270.95	0	48.825874	-86.933022	56047.21	56256.4	-6.41	56040.80	56040.80078	56055.18715	56055.18750	504916.0	5408101.5

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
T8100.1	504916.0	5408101.5	5845.60010	270.96	0	48.825874	-86.933022	56047.50	56256.4	-6.41	56041.09	56041.08984	56055.15473	56055.15625	504916.0	5408101.5
T8100.1	504916.3	5408101.5	5845.70020	270.97	0	48.825874	-86.933017	56047.80	56256.4	-6.41	56041.39	56041.39063	56055.12116	56055.12109	504916.3	5408101.5
T8100.1	504916.7	5408101.5	5845.79981	272.60	0	48.825874	-86.933013	56047.40	56256.4	-6.40	56040.99	56040.98828	56054.97227	56054.97266	504916.7	5408101.5
T8100.1	504916.9	5408101.4	5845.89990	273.95	0	48.825874	-86.933010	56047.57	56256.4	-6.40	56041.16	56041.16016	56054.90019	56054.89844	504916.9	5408101.4
T8100.1	504916.9	5408101.4	5846.00000	276.26	0	48.825874	-86.933010	56048.00	56256.4	-6.40	56041.60	56041.60156	56054.86882	56054.86719	504916.9	5408101.4
T8100.1	504917.2	5408101.4	5846.10010	277.17	0	48.825873	-86.933006	56048.33	56256.4	-6.40	56041.93	56041.92969	56054.81523	56054.81641	504917.2	5408101.4
T8100.1	504917.2	5408101.4	5846.20020	276.22	0	48.825873	-86.933006	56048.76	56256.4	-6.40	56042.36	56042.35938	56054.78123	56054.78125	504917.2	5408101.4
T8100.1	504917.5	5408101.4	5846.29981	277.90	0	48.825873	-86.933001	56048.89	56256.4	-6.40	56042.49	56042.48828	56054.68499	56054.68359	504917.5	5408101.4
T8100.1	504917.8	5408101.3	5846.39990	279.04	0	48.825873	-86.932997	56049.46	56256.4	-6.40	56043.07	56043.07031	56054.69543	56054.69531	504917.8	5408101.3
T8100.1	504917.8	5408101.3	5846.50000	275.81	0	48.825873	-86.932997	56049.54	56256.4	-6.40	56043.14	56043.14063	56054.59284	56054.59375	504917.8	5408101.3
T8100.1	504918.2	5408101.3	5846.60010	276.35	0	48.825872	-86.932992	56049.80	56256.4	-6.39	56043.40	56043.39844	56054.54428	56054.54297	504918.2	5408101.3
T8100.1	504918.5	5408101.3	5846.70020	276.97	0	48.825872	-86.932988	56050.05	56256.4	-6.39	56043.65	56043.64844	56054.75429	56054.75391	504918.5	5408101.3
T8100.1	504918.5	5408101.3	5846.79981	277.33	0	48.825872	-86.932988	56050.43	56256.4	-6.39	56044.04	56044.03906	56054.67934	56054.67969	504918.5	5408101.3
T8100.1	504918.8	5408101.3	5846.89990	279.51	0	48.825872	-86.932983	56050.45	56256.4	-6.39	56044.06	56044.05859	56054.65776	56054.65625	504918.8	5408101.3
T8100.1	504919.0	5408101.3	5847.00000	280.03	0	48.825872	-86.932980	56050.70	56256.4	-6.39	56044.31	56044.30859	56054.62234	56054.62109	504919.0	5408101.3
T8100.1	504919.4	5408101.3	5847.10010	280.01	0	48.825872	-86.932976	56050.84	56256.4	-6.39	56044.45	56044.44922	56054.60590	56054.60547	504919.4	5408101.3
T8100.1	504919.4	5408101.3	5847.20020	281.67	0	48.825872	-86.932976	56050.86	56256.4	-6.39	56044.47	56044.46875	56054.60330	56054.60156	504919.4	5408101.3
T8100.1	504919.8	5408101.2	5847.29981	281.02	0	48.825872	-86.932971	56051.52	56256.4	-6.39	56045.13	56045.12891	56054.58710	56054.58594	504919.8	5408101.2
T8100.1	504920.0	5408101.2	5847.39990	280.73	0	48.825872	-86.932967	56051.57	56256.4	-6.39	56045.17	56045.17188	56054.60250	56054.60156	504920.0	5408101.2
T8100.1	504920.0	5408101.2	5847.50000	280.71	0	48.825872	-86.932967	56051.97	56256.4	-6.40	56045.58	56045.57813	56054.62252	56054.62109	504920.0	5408101.2
T8100.1	504920.3	5408101.2	5847.60010	282.88	0	48.825872	-86.932964	56051.86	56256.4	-6.40	56045.47	56045.46875	56054.64924	56054.64844	504920.3	5408101.2
T8100.1	504920.6	5408101.2	5847.70020	281.94	0	48.825872	-86.932959	56052.13	56256.4	-6.40	56045.73	56045.73047	56054.68547	56054.68359	504920.6	5408101.2
T8100.1	504920.8	5408101.2	5847.79981	282.53	0	48.825872	-86.932956	56052.33	56256.4	-6.40	56045.93	56045.92969	56054.72773	56054.72656	504920.8	5408101.2
T8100.1	504920.8	5408101.2	5847.89990	281.93	0	48.825872	-86.932956	56052.47	56256.4	-6.40	56046.07	56046.07031	56054.77313	56054.77344	504920.8	5408101.2
T8100.1	504921.1	5408101.2	5848.00000	280.93	0	48.825872	-86.932952	56052.78	56256.4	-6.40	56046.38	56046.37891	56054.83247	56054.83203	504921.1	5408101.2
T8100.1	504921.4	5408101.2	5848.10010	279.89	0	48.825871	-86.932948	56053.01	56256.4	-6.40	56046.61	56046.60938	56054.89238	56054.89063	504921.4	5408101.2
T8100.1	504921.7	5408101.2	5848.20020	279.53	0	48.825871	-86.932944	56053.48	56256.4	-6.40	56047.09	56047.08984	56054.97604	56054.97656	504921.7	5408101.2
T8100.1	504921.7	5408101.2	5848.29981	280.37	0	48.825871	-86.932944	56053.84	56256.4	-6.39	56047.45	56047.44922	56055.05595	56055.05469	504921.7	5408101.2
T8100.1	504921.9	5408101.2	5848.39990	281.50	0	48.825871	-86.932941	56054.27	56256.4	-6.39	56047.88	56047.87891	56055.14682	56055.14844	504921.9	5408101.2
T8100.1	504921.9	5408101.2	5848.50000	281.92	0	48.825871	-86.932941	56054.25	56256.4	-6.39	56047.86	56047.85938	56055.19074	56055.19141	504921.9	5408101.2
T8100.1	504922.4	5408101.1	5848.60010	281.80	0	48.825871	-86.932935	56054.58	56256.4	-6.39	56048.19	56048.19141	56055.27172	56055.27344	504922.4	5408101.1
T8100.1	504922.7	5408101.1	5848.70020	281.32	0	48.825871	-86.932931	56054.58	56256.4	-6.39	56048.19	56048.19141	56055.30806	56055.30859	504922.7	5408101.1
T8100.1	504923.1	5408101.1	5848.79981	283.57	0	48.825871	-86.932925	56054.56	56256.4	-6.38	56048.17	56048.17188	56055.33348	56055.33203	504923.1	5408101.1
T8100.1	504923.3	5408101.1	5848.89990	284.70	0	48.825870	-86.932922	56054.93	56256.4	-6.38	56048.54	56048.53906	56055.41230	56055.41406	504923.3	5408101.1
T8100.1	504923.3	5408101.1	5849.00000	284.77	0	48.825870	-86.932922	56055.29	56256.4	-6.38	56048.91	56048.91016	56055.49151	56055.49219	504923.3	5408101.1
T8100.1	504923.8	5408101.0	5849.10010	284.99	0	48.825870	-86.932916	56055.74	56256.4	-6.38	56049.36	56049.35938	56055.58767	56055.58594	504923.8	5408101.0
T8100.1	504924.0	5408101.0	5849.20020	284.44	0	48.825869	-86.932913	56055.96	56256.4	-6.38	56049.58	56049.57813	56055.64426	56055.64453	504924.0	5408101.0
T8100.1	504924.3	5408100.9	5849.29981	283.03	0	48.825869	-86.932908	56056.42	56256.4	-6.38	56050.04	56050.03906	56055.75381	56055.75391	504924.3	5408100.9
T8100.1	504924.3	5408100.9	5849.39990	283.74	0	48.825869	-86.932908	56056.53	56256.4	-6.38	56050.14	56050.14063	56055.79233	56055.79297	504924.3	5408100.9
T8100.1	504924.6	5408100.9	5849.50000	283.13	0	48.825869	-86.932904	56057.00	56256.4	-6.38	56050.62	56050.62109	56055.92324	56055.92188	504924.6	5408100.9
T8100.1	504924.6	5408100.9	5849.60010	283.01	0	48.825869	-86.932904	56057.15	56256.4	-6.39	56050.77	56050.76953	56055.98420	56055.98438	504924.6	5408100.9
T8100.1	504925.0	5408100.9	5849.70020	283.34	0	48.825868	-86.932899	56057.54	56256.4	-6.39	56051.15	56051.14844	56056.11001	56056.10938	504925.0	5408100.9
T8100.1	504925.4	5408100.8	5849.79981	285.59	0	48.825868	-86.932894	56057.64	56256.4	-6.39	56051.25	56051.25000	56056.17121	56056.17188	504925.4	5408100.8
T8100.1	504925.6	5408100.8	5849.89990	286.56	0	48.825868	-86.932891	56057.76	56256.4	-6.39	56051.37	56051.37109	56056.24323	56056.24219	504925.6	5408100.8
T8100.1	504925.6	5408100.8	5850.00000	285.91	0	48.825868	-86.932891	56058.17	56256.4	-6.39	56051.78	56051.78125	56056.40312	56056.40234	504925.6	5408100.8
T8100.1	504925.9	5408100.8	5850.10010	285.27	0	48.825867	-86.932887	56058.46	56256.4	-6.39	56052.08	56052.07813	56056.53995	56056.53906	504925.9	5408100.8
T8100.1	504926.2	5408100.7	5850.20020	287.10	0	48.825867	-86.932882	56058.75	56256.4	-6.39	56052.37	56052.37109	56056.68052	56056.67969	504926.2	5408100.7
T8100.1	504926.5	5408100.7	5850.29981	286.97	0	48.825867	-86.932879	56058.98	56256.4	-6.38	56052.59	56052.58984	56056.80566	56056.80469	504926.5	5408100.7
T8100.1	504926.5	5408100.7	5850.39990	285.13	0	48.825867	-86.932879	56059.18	56256.4	-6.38	56052.80	56052.80078	56056.93173	56056.93359	504926.5	5408100.7
T8100.1	504926.7	5408100.7	5850.50000	286.39	0	48.825867	-86.932876	56059.26	56256.4	-6.38	56052.88	56052.87891	56057.02118	56057.01953	504926.7	5408100.7
T8100.1	504926.9	5408100.7	5850.60010	284.99	0	48.825867	-86.932873	56059.46	56256.4	-6.38	56053.08	56053.07813	56057.15008	56057.14844	504926.9	5408100.7
T8100.1	504927.1	5408100.6	5850.70020	284.67	0	48.825866	-86.932870	56059.51	56256.4	-6.38	56053.13	56053.12891	56057.23556	56057.23438	504927.1	5408100.6
T8100.1	504927.1	5408100.6	5850.79981	287.24	0	48.825866	-86.932870	56059.58	56256.4	-6.37	56053.21	56053.21094	56057.33327	56057.33203	504927.1	5408100.6
T8100.1	504927.3	5408100.6	5850.89990	287.12	0	48.825866	-86.932868	56059.56	56256.4	-6.37	56053.19	56053.19141	56057.40304	56057.40234	504927.3	5408100.6
T8100.1	504927.4	5408100.6	5851.00000	287.85	0	48.825866	-86.932866	56059.84	56256.4	-6.37	56053.47	56053.46875	56057.56997	56057.57031	504927.4	5408100.6
T8100.1	504927.4	5408100.6	5851.10010	286.39	0	48.825866	-86.932866	56059.96	56256.4	-6.37	56053.59	56053.58984	56057.69132	56057.69141	504927.4	5408100.6
T8100.1	504927.6	5408100.6	5851.20020	283.46	0	48.825866	-86.932864	56059.82	56256.4	-6.37	56053.45	56053.44922	56057.73806	56057.73828	504927.6	5408100.6
T8100.1	504927.7	5408100.6	5851.29981	284.37	0	48.825866	-86.932863	56059.74	56256.4	-6.37	56053.38	56053.37891	56057.81383	56057.81250	504927.7	5408100.6
T8100.1	504927.7	5408100.6	5851.39990	283.25	0	48.825866	-86.932863	56059.76	56256.4	-6.37	56053.39	56053.39063	56057.92192	56057.92188	504927.7	5408100.6
T8100.1	504927.7	5408100.6	5851.50000	283.59	0	48.825866	-86.932862	56060.07	56256.4	-6.37	56053.70	56053.69922	56058.12551	56058.12500	504927.7	5408100.6
T8100.1	504927.8	5408100.5	5851.60010	285.51	0	48.825865	-86.932861	56060.02	56256.4	-6.36	56053.65	56053.64844	56058.23180	56058.23047	504927.8	5408100.5
T8100.1	504927.9	5408100.5	5851.70020	284.87	0	48.825865	-86.932860	56060.24	56256.4	-6.36	56053.87	56053.87109	56058.42183	56058.42188	504927.9	5408100.5
T8100.1	504927.9	5408100.5	5851.79981	284.42	0	48.825865	-86.932860	56060.17	56256.4	-6.36	56053.81	56053.80859	56058.54493	56058.54688	504927.9	5408100.5
T8100.1	504928.0	5408100.5	5851.89990	286.24	0	48.825865	-86.932859	56060.07	56256.4	-6.36	56053.70	56053.69922	56058.66950	56058.66797	504928.0	5408100.5
T8100.1	504928.0	5408100.5	5852.00000	284.46	0	48.825865	-86.932859	56060.09	56256.4	-6.36	56053.73	56053.73047	56058.84086	56058.83984	504928.0	5408100.5
T8100.1	504928.0	5408100.5	5852.10010	284.49	0	48.825865	-86.932858	56060.04	56256.4	-6.36	56053.68	56053.67969	56059.00499	56059.00391	504928.0	5408100.5
T8100.1	504928.1	5408100.5	5852.20020	285.42	0	48.825865	-86.932858	56060.60	56256.4	-6.36	56054.24	56054.23828	56059.29794	56059.29688	504928.1	5408100.5
T8100.1	504928.1	5408100.5	5852.29981	286.80	0	48.825865	-86.932857	56060.85	56256.4	-6.36	56054.50	56054.50000	56059.52137	56059.51953	504928.1	5408100.5
T8100.1	504928.1	5408100.5	5852.39990	287.71	0	48.825865	-86.932857	56060.60	56256.4	-6.36	56054.24	56054.23828	56059.65047	56059.65234	504928.1	5408100.5
T8100.1	504928.2	5408100.5	5852.50000	287.33	0	48.825865	-86.932855	56060.57	56256.4	-6.35	56054.22	56054.21875	56059.81734	56059.81641	504928.2	5408100.5
T8100.1	504928.3	5408100.5	5852.60010	284.59	0	48.825865	-86.932854	56060.59	56256.4	-6.35	56054.24	56054.23828	56059.97860	56059.98047	504928.3	5408100.5
T8100.1	504928.5	5408100.5	5852.70020	283.19	0	48.825865	-86.932851	56060.60	56256.4	-6.35	56054.24	56054.23828	56060.11992	56060.12109	504928.5	5408100.5
T8100.1	504928.5	5408100.5	5852.79981	282.01	0	48.825865	-86.932851	56060.63	56256.4	-6.35	56054.27	56054.26953	56060.24195	56060.24219	504928.5	5408100.5
T8100.1	504928.5	5408100.5	5852.89990	281.14	0	48.825865	-86.932851	56060.75	56256.4	-6.35	56054.40	56054.39844	56060.34593	56060.34766	504928.5	5408100.5
T8100.1	504928.8	5408100.6	5853.00000	279.68	0	48.825866	-86.932847	56060.57	56256.3	-6.35	56054.22	56054.21875	56060.38487	56060.38672	504928.8	5408100.6
T8100.1	504928.8	5408100.6	5853.10010	279.41	0	48.825866	-86.932847	56060.42	56256.3	-6.35	56054.07	56054.07031	56060.39200	56060.39063	504928.8	5408100.6
T8100.1	504929.1	5408100.6	5853.20020	279.88	0	48.825866	-86.932843	56060.22	56256.3	-6.35	56053.87	56053.87109	56060.35559	56060.35547	504929.1	5408100.6
T8100.1	504929.4	5408100.6	5853.29981	278.37	0	48.825866	-86.932840	56060.32	56256.3	-6.35	56053.97	56053.96875	56060.32053	56060.32031	504929.4	5408100.6
T8100.1	504929.4	5408100.6	5853.39990	278.71	0	48.825866	-86.932840	56060.42	56256.3	-6.35	56054.07	56054.07031	56060.25674	56060.25781	504929.4	5408100.6
T8100.1	504929.5	5408100.6	5853.50000	272.54	0	48.825866	-86.932838	56060.37	56256.3	-6.35	56054.02	56054.01953	56060.14194	56060.14063	504929.5	5408100.6
T8100.1	504929.8	5408100.6	5853.60010	271.55	0	48.825866	-86.932833	56060.24	56256.3	-6.35	56053.89	56053.89063	56059.98313	56059.98438	504929.8	5408100.6
T8100.1	504930.1	5408100.6	5853.70020	280.22	0	48.825866	-86.932830	56060.37	56256.3	-6.35	56054.02	56054.01953	56059.85558	56059.85547	504930.1	5408100.6
T8100.1	504930.1	5408100.6	5853.79981	281.58	0	48.825866	-86.932830	56060.14	56256.3	-6.35	56053.79	56053.78906	56059.62977	56059.62891	504930.1	5408100.6
T8100.1	504930.4	5408100.6	5853.89990	283.26	0	48.825866	-86.932825	56060.11	56256.3	-6.35	56053.76	56053.76172	56059.43834	56059.43750	504930.4	5408100.6
T8100.1	504930.8	5408100.7	5854.00000	285.58	0	48.825866	-86.932820	56060.25	56256.3	-6.35	56053.90	56053.89844	56059.29390	56059.29297	504930.8	5408100.7
T8100.1	504930.9	5408100.7	5854.10010	287.72	0	48.825866	-86.932818	56060.29	56256.3	-6.35	56053.94	56053.94141	56059.12465	56059.12500	504930.9	5408100.7
T8100.1	504930.9	5408100.7	5854.20020	289.52	0	48.825866	-86.932818	56060.29	56256.3	-6.35	56053.95	56053.94922	56058.95232	56058.95313	504930.9	5408100.7
T8100.1	504931.3	5408100.7	5854.29981	291.83	0	48.825867	-86.932814	56060.17	56256.3	-6.35	56053.82	56053.82031	56058.73586	56058.73438	504931.3	5408100.7
T8100.1	504931.6	5408100.7	5854.39990	292.94	0	48.825867	-86.932809	56060.34	56256.3	-6.35	56054.00	56054.00000	56058.65497	56058.65625	504931.6	5408100.7
T8100.1	504931.6	5408100.7	5854.50000	293.29	0	48.825867	-86.932809	56060.24	56256.3	-6.35	56053.90	56053.89844	56058.46097	56058.46094	504931.6	5408100.7
T8100.1	504932.0	5408100.7	5854.60010	294.57	0	48.825867	-86.932804	56060.42	56256.3	-6.34	56054.07	56054.07031	56058.29685	56058.29688	504932.0	5408100.7
T8100.1	504932.4	5408100.7	5854.70020	294.96	0	48.825867	-86.932799	56060.20	56256.3	-6.34	56053.85	56053.85156	56058.26645	56058.26563	504932.4	5408100.7
T8100.1	504932.8	5408100.7	5854.79981	288.91	0	48.825867	-86.932794	56060.17	56256.3	-6.34	56053.83	56053.82813	56058.20659	56058.20703	504932.8	5408100.7

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
T8100.1	504932.8	5408100.7	5854.89990	288.81	0	48.825867	-86.932794	56060.24	56256.3	-6.34	56053.90	56053.89844	56058.15968	56058.16016	504932.8	5408100.7
T8100.1	504933.3	5408100.7	5855.00000	295.98	0	48.825867	-86.932787	56060.20	56256.3	-6.34	56053.86	56053.85938	56058.16921	56058.16797	504933.3	5408100.7
T8100.1	504933.7	5408100.7	5855.10010	295.31	0	48.825867	-86.932781	56060.07	56256.3	-6.34	56053.73	56053.73047	56058.23082	56058.23047	504933.7	5408100.7
T8100.1	504933.7	5408100.7	5855.20020	285.04	0	48.825867	-86.932781	56060.07	56256.3	-6.33	56053.73	56053.73047	56058.29509	56058.29688	504933.7	5408100.7
T8100.1	504934.3	5408100.8	5855.29981	282.31	0	48.825867	-86.932773	56060.24	56256.3	-6.33	56053.91	56053.91016	56058.34261	56058.34375	504934.3	5408100.8
T8100.1	504934.8	5408100.8	5855.39990	289.69	0	48.825868	-86.932766	56060.10	56256.3	-6.33	56053.77	56053.76953	56058.48653	56058.48828	504934.8	5408100.8
T8100.1	504934.8	5408100.8	5855.50000	287.94	0	48.825868	-86.932766	56060.04	56256.3	-6.32	56053.71	56053.71094	56058.62672	56058.62500	504934.8	5408100.8
T8100.1	504935.3	5408100.8	5855.60010	286.44	0	48.825868	-86.932759	56059.98	56256.3	-6.32	56053.66	56053.66016	56058.77241	56058.77344	504935.3	5408100.8
T8100.1	504935.8	5408100.8	5855.70020	284.33	0	48.825868	-86.932752	56060.22	56256.3	-6.32	56053.90	56053.89844	56058.87712	56058.87891	504935.8	5408100.8
T8100.1	504935.8	5408100.8	5855.79981	285.82	0	48.825868	-86.932752	56060.14	56256.3	-6.32	56053.83	56053.82813	56058.96898	56058.96875	504935.8	5408100.8
T8100.1	504936.4	5408100.8	5855.89990	276.02	0	48.825868	-86.932744	56060.45	56256.3	-6.31	56054.13	56054.12891	56059.19438	56059.19531	504936.4	5408100.8
T8100.1	504936.4	5408100.8	5856.00000	275.51	0	48.825868	-86.932744	56060.34	56256.3	-6.31	56054.03	56054.03125	56059.23795	56059.23828	504936.4	5408100.8
T8100.1	504937.1	5408100.8	5856.10010	286.84	0	48.825868	-86.932734	56060.39	56256.3	-6.31	56054.09	56054.08984	56059.32185	56059.32031	504937.1	5408100.8
T8100.1	504937.7	5408100.9	5856.20020	287.29	0	48.825868	-86.932727	56060.27	56256.3	-6.31	56053.96	56053.96094	56059.30791	56059.30859	504937.7	5408100.9
T8100.1	504937.7	5408100.9	5856.29981	286.20	0	48.825868	-86.932727	56060.24	56256.3	-6.31	56053.93	56053.92969	56059.30952	56059.30859	504937.7	5408100.9
T8100.1	504938.2	5408100.9	5856.39990	287.90	0	48.825868	-86.932719	56060.32	56256.3	-6.31	56054.01	56054.01172	56059.33216	56059.33203	504938.2	5408100.9
T8100.1	504939.0	5408100.9	5856.50000	288.07	0	48.825868	-86.932708	56059.96	56256.3	-6.31	56053.66	56053.66016	56059.16449	56059.16406	504939.0	5408100.9
T8100.1	504939.0	5408100.9	5856.60010	285.59	0	48.825868	-86.932708	56060.12	56256.3	-6.30	56053.82	56053.82031	56059.18130	56059.17969	504939.0	5408100.9
T8100.1	504939.9	5408100.9	5856.70020	284.82	0	48.825869	-86.932696	56059.86	56256.3	-6.30	56053.56	56053.55859	56059.01370	56059.01563	504939.9	5408100.9
T8100.1	504939.9	5408100.9	5856.79981	283.12	0	48.825869	-86.932696	56059.94	56256.3	-6.30	56053.64	56053.64063	56058.97761	56058.97656	504939.9	5408100.9
T8100.1	504940.5	5408100.9	5856.89990	284.76	0	48.825869	-86.932688	56059.54	56256.3	-6.30	56053.23	56053.23047	56059.00534	56059.00391	504940.5	5408100.9
T8100.1	504941.2	5408100.9	5857.00000	287.08	0	48.825869	-86.932679	56059.54	56256.3	-6.30	56053.24	56053.23828	56058.90206	56058.90234	504941.2	5408100.9
T8100.1	504941.9	5408100.9	5857.10010	289.68	0	48.825869	-86.932670	56059.43	56256.3	-6.30	56053.14	56053.14063	56058.83238	56058.83203	504941.9	5408100.9
T8100.1	504942.7	5408101.0	5857.20020	288.86	0	48.825869	-86.932658	56059.58	56256.3	-6.30	56053.29	56053.28906	56058.70082	56058.69922	504942.7	5408101.0
T8100.1	504942.7	5408101.0	5857.29981	288.39	0	48.825869	-86.932658	56059.69	56256.3	-6.29	56053.40	56053.39844	56058.59127	56058.58984	504942.7	5408101.0
T8100.1	504943.4	5408101.0	5857.39990	287.18	0	48.825869	-86.932649	56059.61	56256.3	-6.29	56053.32	56053.32031	56058.53382	56058.53516	504943.4	5408101.0
T8100.1	504944.2	5408101.0	5857.50000	287.53	0	48.825869	-86.932638	56059.76	56256.3	-6.29	56053.47	56053.46875	56058.43776	56058.43750	504944.2	5408101.0
T8100.1	504944.2	5408101.0	5857.60010	288.90	0	48.825869	-86.932638	56059.43	56256.3	-6.29	56053.15	56053.14844	56058.44040	56058.44141	504944.2	5408101.0
T8100.1	504945.8	5408101.0	5857.70020	290.07	0	48.825869	-86.932616	56059.68	56256.3	-6.29	56053.40	56053.39844	56058.35076	56058.35156	504945.8	5408101.0
T8100.1	504945.8	5408101.0	5857.79981	291.77	0	48.825869	-86.932616	56059.25	56256.3	-6.28	56052.97	56052.96875	56058.38399	56058.38281	504945.8	5408101.0
T8100.1	504945.8	5408101.0	5857.89990	289.17	0	48.825869	-86.932616	56059.36	56256.3	-6.28	56053.08	56053.07813	56058.34179	56058.33984	504945.8	5408101.0
T8100.1	504946.7	5408101.0	5858.00000	288.50	0	48.825870	-86.932604	56059.36	56256.3	-6.28	56053.08	56053.07813	56058.32921	56058.32813	504946.7	5408101.0
T8100.1	504947.5	5408101.0	5858.10010	287.64	0	48.825870	-86.932593	56059.43	56256.3	-6.28	56053.15	56053.14844	56058.31866	56058.32031	504947.5	5408101.0
T8100.1	504948.6	5408101.1	5858.20020	288.04	0	48.825870	-86.932577	56059.41	56256.3	-6.28	56053.13	56053.12891	56058.33197	56058.33203	504948.6	5408101.1
T8100.1	504948.6	5408101.1	5858.29981	291.41	0	48.825870	-86.932577	56059.29	56256.3	-6.28	56053.01	56053.01172	56058.36956	56058.37109	504948.6	5408101.1
T8100.1	504949.6	5408101.0	5858.39990	292.24	0	48.825870	-86.932564	56059.43	56256.3	-6.28	56053.15	56053.14844	56058.37998	56058.37891	504949.6	5408101.0
T8100.1	504950.5	5408101.0	5858.50000	293.27	0	48.825870	-86.932552	56059.41	56256.3	-6.28	56053.13	56053.12891	56058.42130	56058.42188	504950.5	5408101.0
T8100.1	504951.3	5408101.0	5858.60010	291.35	0	48.825870	-86.932540	56059.54	56256.3	-6.28	56053.26	56053.26172	56058.44748	56058.44922	504951.3	5408101.0
T8100.1	504951.3	5408101.0	5858.70020	289.18	0	48.825870	-86.932540	56059.20	56256.3	-6.28	56052.92	56052.92188	56058.55469	56058.55469	504951.3	5408101.0
T8100.1	504952.5	5408101.0	5858.79981	288.91	0	48.825869	-86.932525	56059.39	56256.3	-6.28	56053.11	56053.10938	56058.58541	56058.58594	504952.5	5408101.0
T8100.1	504953.5	5408101.0	5858.89990	288.32	0	48.825869	-86.932511	56059.16	56256.3	-6.28	56052.88	56052.87891	56058.69498	56058.69531	504953.5	5408101.0
T8100.1	504954.4	5408101.0	5859.00000	289.83	0	48.825869	-86.932499	56059.33	56256.3	-6.28	56053.05	56053.05078	56058.74162	56058.74219	504954.4	5408101.0
T8100.1	504954.4	5408101.0	5859.10010	288.08	0	48.825869	-86.932499	56059.33	56256.3	-6.28	56053.06	56053.05859	56058.82399	56058.82422	504954.4	5408101.0
T8100.1	504955.5	5408100.9	5859.20020	286.25	0	48.825869	-86.932483	56059.41	56256.3	-6.27	56053.14	56053.14063	56058.89827	56058.89844	504955.5	5408100.9
T8100.1	504956.5	5408100.9	5859.29981	286.20	0	48.825869	-86.932470	56059.28	56256.3	-6.27	56053.01	56053.01172	56059.02429	56059.02344	504956.5	5408100.9
T8100.1	504956.5	5408100.9	5859.39990	284.67	0	48.825869	-86.932470	56059.18	56256.3	-6.27	56052.91	56052.91016	56059.15291	56059.15234	504956.5	5408100.9
T8100.1	504957.5	5408100.9	5859.50000	286.52	0	48.825868	-86.932457	56059.31	56256.3	-6.26	56053.04	56053.03906	56059.23204	56059.23047	504957.5	5408100.9
T8100.1	504957.5	5408100.9	5859.60010	288.58	0	48.825868	-86.932457	56059.14	56256.3	-6.26	56052.88	56052.87891	56059.39232	56059.39063	504957.5	5408100.9
T8100.1	504958.6	5408100.8	5859.70020	288.31	0	48.825868	-86.932441	56059.36	56256.3	-6.26	56053.10	56053.10156	56059.45531	56059.45703	504958.6	5408100.8
T8100.1	504959.9	5408100.8	5859.79981	286.69	0	48.825868	-86.932424	56059.38	56256.3	-6.26	56053.12	56053.12109	56059.57854	56059.57813	504959.9	5408100.8
T8100.1	504959.9	5408100.8	5859.89990	287.96	0	48.825868	-86.932424	56059.48	56256.3	-6.25	56053.23	56053.23047	56059.67931	56059.67969	504959.9	5408100.8
T8100.1	504961.2	5408100.7	5860.00000	289.08	0	48.825867	-86.932407	56059.48	56256.3	-6.25	56053.23	56053.23047	56059.63144	56059.63281	504961.2	5408100.7
T8100.1	504962.1	5408100.7	5860.10010	289.67	0	48.825867	-86.932394	56059.64	56256.3	-6.25	56053.39	56053.39063	56059.82427	56059.82422	504962.1	5408100.7
T8100.1	504962.9	5408100.7	5860.20020	289.87	0	48.825866	-86.932383	56059.51	56256.3	-6.25	56053.26	56053.26172	56059.89887	56059.89844	504962.9	5408100.7
T8100.1	504962.9	5408100.7	5860.29981	287.97	0	48.825866	-86.932383	56059.61	56256.3	-6.25	56053.36	56053.35938	56060.06932	56060.07031	504962.9	5408100.7
T8100.1	504964.3	5408100.7	5860.39990	287.58	0	48.825866	-86.932364	56059.56	56256.3	-6.25	56053.31	56053.30859	56060.17969	56060.17969	504964.3	5408100.7
T8100.1	504964.3	5408100.7	5860.50000	286.83	0	48.825866	-86.932364	56059.41	56256.3	-6.26	56053.15	56053.14844	56060.24788	56060.24609	504964.3	5408100.7
T8100.1	504965.4	5408100.6	5860.60010	286.57	0	48.825866	-86.932348	56059.51	56256.3	-6.26	56053.25	56053.25000	56060.41466	56060.41406	504965.4	5408100.6
T8100.1	504966.5	5408100.6	5860.70020	285.61	0	48.825866	-86.932333	56059.52	56256.3	-6.26	56053.26	56053.26172	56060.54376	56060.54297	504966.5	5408100.6
T8100.1	504967.6	5408100.6	5860.79981	285.30	0	48.825865	-86.932319	56059.86	56256.3	-6.26	56053.60	56053.60156	56060.78829	56060.78906	504967.6	5408100.6
T8100.1	504967.6	5408100.6	5860.89990	285.91	0	48.825865	-86.932319	56059.64	56256.3	-6.26	56053.38	56053.37891	56060.82349	56060.82422	504967.6	5408100.6
T8100.1	504968.8	5408100.5	5861.00000	287.48	0	48.825865	-86.932302	56059.64	56256.3	-6.26	56053.38	56053.37891	56060.93220	56060.93359	504968.8	5408100.5
T8100.1	504968.8	5408100.5	5861.10010	283.27	0	48.825865	-86.932302	56059.66	56256.3	-6.26	56053.40	56053.39844	56061.04127	56061.04297	504968.8	5408100.5
T8100.1	504970.3	5408100.5	5861.20020	282.31	0	48.825865	-86.932282	56059.79	56256.3	-6.26	56053.53	56053.53125	56061.18065	56061.17969	504970.3	5408100.5
T8100.1	504971.5	5408100.5	5861.29981	273.86	0	48.825864	-86.932266	56059.79	56256.3	-6.26	56053.53	56053.53125	56061.26862	56061.26953	504971.5	5408100.5
T8100.1	504972.7	5408100.4	5861.39990	275.43	0	48.825864	-86.932249	56059.82	56256.3	-6.26	56053.56	56053.55859	56061.36166	56061.36328	504972.7	5408100.4
T8100.1	504972.7	5408100.4	5861.50000	277.77	0	48.825864	-86.932249	56059.79	56256.3	-6.26	56053.53	56053.53125	56061.43135	56061.42969	504972.7	5408100.4
T8100.1	504974.1	5408100.4	5861.60010	284.69	0	48.825864	-86.932230	56059.87	56256.3	-6.25	56053.61	56053.60938	56061.53602	56061.53516	504974.1	5408100.4
T8100.1	504974.1	5408100.4	5861.70020	285.26	0	48.825864	-86.932230	56060.04	56256.3	-6.25	56053.79	56053.78906	56061.67403	56061.67578	504974.1	5408100.4
T8100.1	504975.6	5408100.4	5861.79981	289.47	0	48.825864	-86.932209	56060.12	56256.3	-6.25	56053.87	56053.87109	56061.78173	56061.78125	504975.6	5408100.4
T8100.1	504976.7	5408100.4	5861.89990	291.02	0	48.825864	-86.932195	56059.96	56256.3	-6.25	56053.71	56053.71094	56061.81708	56061.81641	504976.7	5408100.4
T8100.1	504976.7	5408100.4	5862.00000	290.13	0	48.825864	-86.932195	56060.05	56256.3	-6.25	56053.80	56053.80078	56061.94141	56061.94141	504976.7	5408100.4
T8100.1	504978.0	5408100.4	5862.10010	288.57	0	48.825863	-86.932177	56060.19	56256.3	-6.25	56053.94	56053.94141	56062.08941	56062.08984	504978.0	5408100.4
T8100.1	504979.1	5408100.3	5862.20020	289.14	0	48.825863	-86.932163	56060.80	56256.3	-6.25	56054.55	56054.55078	56062.39227	56062.39063	504979.1	5408100.3
T8100.1	504979.1	5408100.3	5862.29981	288.57	0	48.825863	-86.932163	56060.70	56256.3	-6.25	56054.45	56054.44922	56062.48167	56062.48047	504979.1	5408100.3
T8100.1	504980.5	5408100.3	5862.39990	286.52	0	48.825863	-86.932143	56060.63	56256.3	-6.25	56054.38	56054.37891	56062.59020	56062.58984	504980.5	5408100.3
T8100.1	504981.8	5408100.3	5862.50000	284.75	0	48.825863	-86.932125	56060.45	56256.3	-6.25	56054.20	56054.19922	56062.67479	56062.67578	504981.8	5408100.3
T8100.1	504981.8	5408100.3	5862.60010	288.90	0	48.825863	-86.932125	56060.70	56256.3	-6.25	56054.45	56054.44922	56062.88984	56062.89063	504981.8	5408100.3
T8100.1	504982.8	5408100.3	5862.70020	287.62	0	48.825863	-86.932112	56060.80	56256.3	-6.25	56054.55	56054.55078	56063.06013	56063.05859	504982.8	5408100.3
T8100.1	504984.0	5408100.2	5862.79981	286.14	0	48.825862	-86.932095	56060.75	56256.3	-6.25	56054.50	56054.50000	56063.18578	56063.18750	504984.0	5408100.2
T8100.1	504985.3	5408100.2	5862.89990	284.02	0	48.825862	-86.932078	56061.13	56256.3	-6.25	56054.88	56054.87891	56063.42280	56063.42188	504985.3	5408100.2
T8100.1	504985.3	5408100.2	5863.00000	283.83	0	48.825862	-86.932078	56061.06	56256.3	-6.25	56054.81	56054.80859	56063.52948	56063.53125	504985.3	5408100.2
T8100.1	504986.8	5408100.2	5863.10010	284.30	0	48.825862	-86.932057	56061.16	56256.2	-6.25	56054.91	56054.91016	56063.67079	56063.67188	504986.8	5408100.2
T8100.1	504986.8	5408100.2	5863.20020	282.39	0	48.825862	-86.932057	56061.10	56256.2	-6.24	56054.85	56054.85156	56063.75662	56063.75781	504986.8	5408100.2
T8100.1	504988.2	5408100.1	5863.29981	283.22	0	48.825861	-86.932038	56061.28	56256.2	-6.24	56055.04	56055.03906	56063.89016	56063.89063	504988.2	5408100.1
T8100.1	504989.4	5408100.1	5863.39990	283.86	0	48.825861	-86.932021	56061.07	56256.2	-6.24	56054.84	56054.83984	56063.90272	56063.90234	504989.4	5408100.1
T8100.1	504989.4	5408100.1	5863.50000	282.70	0	48.825861	-86.932021	56061.28	56256.2	-6.24	56055.05	56055.05078	56064.00307	56064.00391	504989.4	5408100.1
T8100.1	504990.8	5408100.1	5863.60010	281.16	0	48.825861	-86.932003	56061.36	56256.2	-6.23	56055.12	56055.12109	56064.05165	56064.05078	504990.8	5408100.1
T8100.1	504992.1	5408100.0	5863.70020	282.55	0	48.825860	-86.931985	56061.21	56256.2	-6.23	56054.98	56054.98047	56064.03298	56064.03125	504992.1	5408100.0
T8100.1	504993.6	5408100.0	5863.79981	268.56	0	48.825860	-86.931965	56061.56	56256.2	-6.23	56055.33	56055.32813	56064.14086	56064.14063	504993.6	5408100.0
T8100.1	504993.6	5408100.0	5863.89990	269.41	0	48.825860	-86.931965	56061.45	56256.2	-6.22	56055.23	56055.23047	56064.12584	56064.12500	504993.6	5408100.0
T8100.1	504994.6	5408100.0	5864.00000	283.77	0	48.825860	-86.931951	56061.78	56256.2	-6.22	56055.56	56055.55859	56064.23492	56064.23438	504994.6	5408100.0
T8100.1	504995.9	5408099.9	5864.10010	283.01	0	48.825860	-86.931933	56061.84	56256.2	-6.22	56055.62	56055.62109	56064.28160	56064.28125	504995.9	5408099.9

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
T8100.1	504995.9	5408099.9	5864.20020	284.84	0	48.825860	-86.931933	56062.06	56256.2	-6.22	56055.84	56055.83984	56064.39608	56064.39453	504995.9	5408099.9
T8100.1	504997.3	5408099.9	5864.29981	286.42	0	48.825859	-86.931915	56061.93	56256.2	-6.22	56055.71	56055.71094	56064.43683	56064.43750	504997.3	5408099.9
T8100.1	504998.6	5408099.9	5864.39990	288.50	0	48.825859	-86.931897	56062.24	56256.2	-6.22	56056.02	56056.01953	56064.64169	56064.64063	504998.6	5408099.9
T8100.1	504998.6	5408099.9	5864.50000	290.39	0	48.825859	-86.931897	56062.12	56256.2	-6.22	56055.90	56055.89844	56064.76166	56064.76172	504998.6	5408099.9
T8100.1	504999.8	5408099.8	5864.60010	289.27	0	48.825858	-86.931880	56062.21	56256.2	-6.22	56055.99	56055.98828	56064.98174	56064.98047	504999.8	5408099.8
T8100.1	505001.3	5408099.8	5864.70020	288.71	0	48.825858	-86.931860	56062.54	56256.2	-6.22	56056.32	56056.32031	56065.30415	56065.30469	505001.3	5408099.8
T8100.1	505001.3	5408099.8	5864.79981	288.89	0	48.825858	-86.931860	56062.72	56256.2	-6.22	56056.50	56056.50000	56065.62200	56065.62109	505001.3	5408099.8
T8100.1	505002.3	5408099.7	5864.89990	289.31	0	48.825858	-86.931846	56062.88	56256.2	-6.22	56056.65	56056.64844	56065.96765	56065.96875	505002.3	5408099.7
T8100.1	505003.4	5408099.7	5865.00000	289.28	0	48.825857	-86.931830	56062.77	56256.2	-6.22	56056.55	56056.55078	56066.29515	56066.29688	505003.4	5408099.7
T8100.1	505005.0	5408099.7	5865.10010	286.61	0	48.825857	-86.931809	56062.95	56256.2	-6.22	56056.73	56056.73047	56066.71519	56066.71484	505005.0	5408099.7
T8100.1	505005.0	5408099.7	5865.20020	283.02	0	48.825857	-86.931809	56063.13	56256.2	-6.21	56056.92	56056.92188	56067.16215	56067.16406	505005.0	5408099.7
T8100.1	505006.0	5408099.7	5865.29981	269.91	0	48.825857	-86.931796	56063.36	56256.2	-6.21	56057.14	56057.14063	56067.63487	56067.63672	505006.0	5408099.7
T8100.1	505007.4	5408099.6	5865.39990	271.33	0	48.825857	-86.931776	56063.46	56256.2	-6.21	56057.25	56057.25000	56068.11143	56068.11328	505007.4	5408099.6
T8100.1	505007.4	5408099.6	5865.50000	272.91	0	48.825857	-86.931776	56063.58	56256.2	-6.21	56057.38	56057.37891	56068.60498	56068.60547	505007.4	5408099.6
T8100.1	505008.7	5408099.6	5865.60010	274.97	0	48.825857	-86.931759	56063.70	56256.2	-6.20	56057.50	56057.50000	56069.10615	56069.10547	505008.7	5408099.6
T8100.1	505010.1	5408099.6	5865.70020	276.75	0	48.825856	-86.931740	56063.81	56256.2	-6.20	56057.61	56057.60938	56069.60898	56069.60938	505010.1	5408099.6
T8100.1	505010.1	5408099.6	5865.79981	277.99	0	48.825856	-86.931740	56064.14	56256.2	-6.20	56057.94	56057.94141	56070.10352	56070.10547	505010.1	5408099.6
T8100.1	505011.2	5408099.6	5865.89990	276.78	0	48.825856	-86.931725	56064.52	56256.2	-6.19	56058.33	56058.32813	56070.57302	56070.57422	505011.2	5408099.6
T8100.1	505012.5	5408099.6	5866.00000	275.47	0	48.825856	-86.931708	56064.24	56256.2	-6.19	56058.05	56058.05078	56071.06682	56071.06641	505012.5	5408099.6
T8100.1	505012.5	5408099.6	5866.10010	275.19	0	48.825856	-86.931708	56064.49	56256.2	-6.19	56058.30	56058.30078	56071.50711	56071.50781	505012.5	5408099.6
T8100.1	505013.6	5408099.6	5866.20020	276.39	0	48.825856	-86.931692	56064.52	56256.2	-6.19	56058.33	56058.32813	56071.94618	56071.94531	505013.6	5408099.6
T8100.1	505014.8	5408099.5	5866.29981	275.26	0	48.825856	-86.931676	56064.68	56256.2	-6.19	56058.49	56058.48828	56071.86939	56071.87109	505014.8	5408099.5
T8100.1	505014.8	5408099.5	5866.39990	277.09	0	48.825856	-86.931676	56064.92	56256.2	-6.19	56058.73	56058.73047	56072.24692	56072.24609	505014.8	5408099.5
T8100.1	505016.3	5408099.5	5866.50000	276.65	0	48.825855	-86.931655	56065.33	56256.2	-6.19	56059.14	56059.14063	56072.63003	56072.62891	505016.3	5408099.5
T8100.1	505017.6	5408099.5	5866.60010	277.13	0	48.825855	-86.931637	56065.38	56256.2	-6.19	56059.19	56059.19141	56072.88897	56072.89063	505017.6	5408099.5
T8100.1	505018.9	5408099.4	5866.70020	278.58	0	48.825855	-86.931620	56065.50	56256.2	-6.19	56059.31	56059.30859	56073.13282	56073.13281	505018.9	5408099.4
T8100.1	505018.9	5408099.4	5866.79981	277.63	0	48.825855	-86.931620	56065.84	56256.2	-6.19	56059.65	56059.64844	56073.39657	56073.39844	505018.9	5408099.4
T8100.1	505020.4	5408099.4	5866.89990	278.62	0	48.825854	-86.931600	56065.86	56256.2	-6.19	56059.67	56059.67188	56073.56025	56073.55859	505020.4	5408099.4
T8100.1	505021.5	5408099.4	5867.00000	279.60	0	48.825854	-86.931585	56066.09	56256.2	-6.19	56059.90	56059.89844	56073.74467	56073.74609	505021.5	5408099.4
T8100.1	505021.5	5408099.4	5867.10010	278.91	0	48.825854	-86.931585	56066.36	56256.2	-6.19	56060.17	56060.17188	56073.91734	56073.91797	505021.5	5408099.4
T8100.1	505022.7	5408099.3	5867.20020	277.23	0	48.825854	-86.931568	56066.54	56256.2	-6.19	56060.35	56060.35156	56074.05514	56074.05469	505022.7	5408099.3
T8100.1	505023.9	5408099.3	5867.29981	273.40	0	48.825854	-86.931552	56066.71	56256.2	-6.19	56060.53	56060.53125	56074.18076	56074.17969	505023.9	5408099.3
T8100.1	505024.8	5408099.3	5867.39990	272.28	0	48.825853	-86.931540	56066.90	56256.2	-6.19	56060.71	56060.71094	56074.29957	56074.30078	505024.8	5408099.3
T8100.1	505024.8	5408099.3	5867.50000	272.53	0	48.825853	-86.931540	56066.80	56256.2	-6.18	56060.61	56060.60938	56074.34702	56074.34766	505024.8	5408099.3
T8100.1	505026.0	5408099.3	5867.60010	273.00	0	48.825853	-86.931523	56067.04	56256.2	-6.18	56060.86	56060.85938	56074.46406	56074.46484	505026.0	5408099.3
T8100.1	505026.0	5408099.3	5867.70020	273.62	0	48.825853	-86.931523	56067.30	56256.2	-6.18	56061.11	56061.10938	56074.57090	56074.57031	505026.0	5408099.3
T8100.1	505027.3	5408099.2	5867.79981	275.24	0	48.825853	-86.931505	56067.33	56256.2	-6.18	56061.15	56061.14844	56074.61672	56074.61719	505027.3	5408099.2
T8100.1	505028.5	5408099.2	5867.89990	274.53	0	48.825853	-86.931489	56067.45	56256.2	-6.18	56061.26	56061.26172	56074.66496	56074.66406	505028.5	5408099.2
T8100.1	505029.5	5408099.2	5868.00000	277.12	0	48.825852	-86.931475	56067.91	56256.2	-6.18	56061.73	56061.73047	56074.78766	56074.78906	505029.5	5408099.2
T8100.1	505029.5	5408099.2	5868.10010	276.81	0	48.825852	-86.931475	56068.11	56256.2	-6.18	56061.93	56061.92969	56074.83170	56074.83203	505029.5	5408099.2
T8100.1	505030.5	5408099.2	5868.20020	275.92	0	48.825852	-86.931462	56068.18	56256.2	-6.17	56062.01	56062.01172	56074.83078	56074.83203	505030.5	5408099.2
T8100.1	505032.0	5408099.1	5868.29981	278.78	0	48.825852	-86.931442	56068.46	56256.2	-6.17	56062.29	56062.28906	56074.86942	56074.87109	505032.0	5408099.1
T8100.1	505032.0	5408099.1	5868.39990	277.54	0	48.825852	-86.931442	56068.69	56256.2	-6.17	56062.52	56062.51953	56075.02692	56075.02734	505032.0	5408099.1
T8100.1	505033.0	5408099.1	5868.50000	277.77	0	48.825852	-86.931428	56068.89	56256.2	-6.17	56062.73	56062.73047	56075.00596	56075.00781	505033.0	5408099.1
T8100.1	505034.2	5408099.1	5868.60010	279.84	0	48.825852	-86.931412	56068.87	56256.2	-6.16	56062.70	56062.69922	56075.00328	56075.00391	505034.2	5408099.1
T8100.1	505035.1	5408099.1	5868.70020	280.89	0	48.825852	-86.931399	56069.18	56256.2	-6.16	56063.02	56063.01953	56074.95716	56074.95703	505035.1	5408099.1
T8100.1	505035.1	5408099.1	5868.79981	279.90	0	48.825852	-86.931399	56069.27	56256.2	-6.16	56063.11	56063.10938	56074.92861	56074.92969	505035.1	5408099.1
T8100.1	505036.5	5408099.1	5868.89990	279.41	0	48.825851	-86.931380	56069.53	56256.2	-6.15	56063.37	56063.37109	56074.88663	56074.88672	505036.5	5408099.1
T8100.1	505036.5	5408099.1	5869.00000	278.12	0	48.825851	-86.931380	56069.77	56256.2	-6.15	56063.62	56063.62109	56074.84925	56074.84766	505036.5	5408099.1
T8100.1	505037.6	5408099.1	5869.10010	279.67	0	48.825851	-86.931365	56069.93	56256.2	-6.15	56063.78	56063.78125	56074.81975	56074.82031	505037.6	5408099.1
T8100.1	505038.5	5408099.1	5869.20020	280.40	0	48.825851	-86.931354	56069.86	56256.2	-6.15	56063.71	56063.71094	56074.79624	56074.79688	505038.5	5408099.1
T8100.1	505038.5	5408099.1	5869.29981	279.93	0	48.825851	-86.931354	56070.06	56256.2	-6.15	56063.90	56063.89844	56074.77388	56074.77344	505038.5	5408099.1
T8100.1	505039.7	5408099.1	5869.39990	279.57	0	48.825851	-86.931337	56070.59	56256.2	-6.15	56064.44	56064.44141	56074.76807	56074.76953	505039.7	5408099.1
T8100.1	505040.9	5408099.0	5869.50000	278.10	0	48.825851	-86.931320	56070.64	56256.2	-6.15	56064.49	56064.48828	56074.76021	56074.76172	505040.9	5408099.0
T8100.1	505040.9	5408099.0	5869.60010	285.65	0	48.825851	-86.931320	56070.59	56256.2	-6.15	56064.44	56064.44141	56074.74991	56074.75000	505040.9	5408099.0
T8100.1	505042.0	5408099.0	5869.70020	282.59	0	48.825851	-86.931305	56070.71	56256.2	-6.15	56064.56	56064.55859	56074.75098	56074.75000	505042.0	5408099.0
T8100.1	505042.8	5408099.0	5869.79981	283.08	0	48.825851	-86.931294	56071.27	56256.2	-6.15	56065.12	56065.12109	56074.79160	56074.79297	505042.8	5408099.0
T8100.1	505042.8	5408099.0	5869.89990	283.60	0	48.825851	-86.931294	56071.22	56256.2	-6.15	56065.07	56065.07031	56074.78893	56074.78906	505042.8	5408099.0
T8100.1	505043.6	5408099.0	5870.00000	282.31	0	48.825851	-86.931283	56071.14	56256.2	-6.15	56064.99	56064.98828	56074.78130	56074.78125	505043.6	5408099.0
T8100.1	505043.6	5408099.0	5870.10010	281.85	0	48.825851	-86.931283	56071.18	56256.2	-6.15	56065.03	56065.03125	56074.78421	56074.78516	505043.6	5408099.0
T8100.1	505044.8	5408099.0	5870.20020	281.76	0	48.825850	-86.931267	56071.24	56256.2	-6.15	56065.09	56065.08984	56074.78735	56074.78906	505044.8	5408099.0
T8100.1	505045.6	5408098.9	5870.29981	280.77	0	48.825850	-86.931256	56071.70	56256.2	-6.15	56065.55	56065.55078	56074.84774	56074.84766	505045.6	5408098.9
T8100.1	505046.3	5408098.9	5870.39990	282.55	0	48.825850	-86.931246	56072.00	56256.2	-6.15	56065.85	56065.85156	56074.89371	56074.89453	505046.3	5408098.9
T8100.1	505047.3	5408098.9	5870.50000	282.85	0	48.825850	-86.931233	56072.36	56256.2	-6.15	56066.21	56066.21094	56074.95713	56074.95703	505047.3	5408098.9
T8100.1	505047.3	5408098.9	5870.60010	283.14	0	48.825850	-86.931233	56072.23	56256.2	-6.15	56066.08	56066.07813	56074.94296	56074.94141	505047.3	5408098.9
T8100.1	505048.0	5408098.9	5870.70020	284.41	0	48.825849	-86.931223	56072.40	56256.2	-6.15	56066.25	56066.25000	56074.98473	56074.98438	505048.0	5408098.9
T8100.1	505048.0	5408098.9	5870.79981	283.73	0	48.825849	-86.931223	56072.77	56256.2	-6.15	56066.62	56066.62109	56075.07281	56075.07422	505048.0	5408098.9
T8100.1	505048.8	5408098.8	5870.89990	282.68	0	48.825849	-86.931213	56072.91	56256.2	-6.15	56066.76	56066.76172	56075.12445	56075.12500	505048.8	5408098.8
T8100.1	505049.7	5408098.8	5871.00000	283.91	0	48.825849	-86.931201	56072.89	56256.2	-6.15	56066.74	56066.73828	56075.14944	56075.14844	505049.7	5408098.8
T8100.1	505050.3	5408098.8	5871.10010	284.37	0	48.825849	-86.931192	56073.06	56256.2	-6.15	56066.91	56066.91016	56075.22276	56075.22266	505050.3	5408098.8
T8100.1	505050.3	5408098.8	5871.20020	285.45	0	48.825849	-86.931192	56073.53	56256.2	-6.15	56067.38	56067.37891	56075.37435	56075.37500	505050.3	5408098.8
T8100.1	505051.3	5408098.8	5871.29981	284.17	0	48.825849	-86.931179	56073.72	56256.2	-6.15	56067.57	56067.57031	56075.47414	56075.47266	505051.3	5408098.8
T8100.1	505052.1	5408098.8	5871.39990	285.08	0	48.825849	-86.931168	56073.47	56256.2	-6.15	56067.31	56067.30859	56075.47743	56075.47656	505052.1	5408098.8
T8100.1	505052.1	5408098.8	5871.50000	285.26	0	48.825849	-86.931168	56073.63	56256.2	-6.15	56067.47	56067.46875	56075.59157	56075.58984	505052.1	5408098.8
T8100.1	505052.9	5408098.8	5871.60010	285.72	0	48.825849	-86.931157	56073.56	56256.2	-6.16	56067.40	56067.39844	56075.66288	56075.66406	505052.9	5408098.8
T8100.1	505053.4	5408098.8	5871.70020	284.94	0	48.825849	-86.931149	56074.11	56256.2	-6.16	56067.95	56067.94922	56075.89996	56075.89844	505053.4	5408098.8
T8100.1	505053.4	5408098.8	5871.79981	285.10	0	48.825849	-86.931149	56074.08	56256.2	-6.16	56067.92	56067.92188	56076.00731	56076.00781	505053.4	5408098.8
T8100.1	505054.4	5408098.8	5871.89990	286.29	0	48.825849	-86.931136	56074.54	56256.2	-6.16	56068.38	56068.37891	56076.24620	56076.24609	505054.4	5408098.8
T8100.1	505055.0	5408098.9	5872.00000	285.69	0	48.825849	-86.931128	56074.26	56256.2	-6.16	56068.10	56068.10156	56076.31601	56076.31641	505055.0	5408098.9
T8100.1	505055.0	5408098.9	5872.10010	287.52	0	48.825849	-86.931128	56074.64	56256.2	-6.16	56068.48	56068.48047	56076.55461	56076.55469	505055.0	5408098.9
T8100.1	505055.8	5408098.9	5872.20020	283.34	0	48.825849	-86.931117	56074.78	56256.2	-6.16	56068.62	56068.62109	56076.74263	56076.74219	505055.8	5408098.9
T8100.1	505056.5	5408098.9	5872.29981	283.92	0	48.825850	-86.931108	56075.12	56256.2	-6.16	56068.96	56068.96094	56076.98217	56076.98047	505056.5	5408098.9
T8100.1	505056.5	5408098.9	5872.39990	285.05	0	48.825850	-86.931108	56075.14	56256.2	-6.16	56068.99	56068.98828	56077.15448	56077.15625	505056.5	5408098.9
T8100.1	505057.3	5408098.9	5872.50000	282.94	0	48.825850	-86.931097	56075.14	56256.2	-6.15	56068.99	56068.98828	56077.32390	56077.32422	505057.3	5408098.9
T8100.1	505057.3	5408098.9	5872.60010	286.06	0	48.825850	-86.931097	56075.46	56256.2	-6.15	56069.31	56069.30859	56077.56358	56077.56250	505057.3	5408098.9
T8100.1	505057.9	5408098.9	5872.70020	281.59	0	48.825850	-86.931089	56075.27	56256.2	-6.15	56069.12	56069.12109	56077.69427	56077.69531	505057.9	5408098.9
T8100.1	505058.6	5408098.9	5872.79981	283.83	0	48.825850	-86.931080	56075.70	56256.2	-6.15	56069.54	56069.53906	56077.94857	56077.94922	505058.6	5408098.9
T8100.1	505059.0	5408098.9	5872.89990	285.42	0	48.825850	-86.931073	56075.70	56256.2	-6.15	56069.55	56069.55078	56078.11423	56078.11328	505059.0	5408098.9
T8100.1	505059.0	5408098.9	5873.00000	283.16	0	48.825850	-86.931073	56076.13	56256.2	-6.15	56069.97	56069.96875	56078.35426	56078.35547	505059.0	5408098.9
T8100.1	505059.6	5408098.9	5873.10010	282.35	0	48.825850	-86.931065	56075.78	56256.2	-6.15	56069.63	56069.62891	56078.43949	56078.44141	505059.6	5408098.9
T8100.1	505059.6	5408098.9	5873.20020	282.95	0	48.825850	-86.931065	56075.90	56256.2	-6.15	56069.75	56069.75000	56078.60345	56078.60156	505059.6	5408098.9
T8100.1	505060.2	5408098.9	5873.29981	282.09	0	48.825849	-86.931057	56075.95	56256.2	-6.15	56069.80	56069.80078	56078.74591	56078.74609	505060.2	5408098.9
T8100.1	505060.7	5408098.8	5873.39990	280.58	0	48.825849	-86.931050	56076.38	56256.2	-6.15	56070.23	56070.23047	56078.95184	56078.95313	505060.7	5408098.8

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
T8100.1	505060.7	5408098.8	5873.50000	280.40	0	48.825849	-86.931050	56076.71	56256.2	-6.15	56070.56	56070.55859	56079.13351	56079.13281	505060.7	5408098.8
T8100.1	505061.2	5408098.8	5873.60010	280.34	0	48.825849	-86.931043	56076.64	56256.2	-6.15	56070.49	56070.48828	56079.23742	56079.23828	505061.2	5408098.8
T8100.1	505061.6	5408098.8	5873.70020	281.77	0	48.825848	-86.931038	56076.96	56256.2	-6.15	56070.81	56070.80859	56079.41027	56079.41016	505061.6	5408098.8
T8100.1	505061.6	5408098.8	5873.79981	283.14	0	48.825848	-86.931038	56076.76	56256.2	-6.15	56070.61	56070.60938	56079.48576	56079.48438	505061.6	5408098.8
T8100.1	505062.2	5408098.7	5873.89990	285.62	0	48.825848	-86.931031	56077.27	56256.2	-6.15	56071.12	56071.12109	56079.69088	56079.69141	505062.2	5408098.7
T8100.1	505062.2	5408098.7	5874.00000	284.36	0	48.825848	-86.931031	56077.19	56256.2	-6.15	56071.04	56071.03906	56079.78709	56079.78516	505062.2	5408098.7
T8100.1	505062.9	5408098.6	5874.10010	284.50	0	48.825847	-86.931021	56077.68	56256.2	-6.15	56071.53	56071.53125	56079.98872	56079.98828	505062.9	5408098.6
T8100.1	505062.9	5408098.6	5874.20020	284.84	0	48.825847	-86.931021	56077.52	56256.2	-6.15	56071.37	56071.37109	56080.07116	56080.07031	505062.9	5408098.6
T8100.1	505063.3	5408098.6	5874.29981	285.01	0	48.825847	-86.931015	56077.52	56256.2	-6.15	56071.37	56071.37109	56080.18435	56080.18359	505063.3	5408098.6
T8100.1	505063.7	5408098.5	5874.39990	283.26	0	48.825846	-86.931010	56077.60	56256.2	-6.15	56071.44	56071.44141	56080.31257	56080.31250	505063.7	5408098.5
T8100.1	505063.7	5408098.5	5874.50000	283.15	0	48.825846	-86.931010	56077.62	56256.2	-6.15	56071.47	56071.46875	56080.43677	56080.43750	505063.7	5408098.5
T8100.1	505064.0	5408098.5	5874.60010	285.26	0	48.825846	-86.931005	56077.79	56256.2	-6.16	56071.64	56071.64063	56080.59172	56080.58984	505064.0	5408098.5
T8100.1	505064.4	5408098.5	5874.70020	285.11	0	48.825846	-86.931000	56077.70	56256.2	-6.16	56071.54	56071.53906	56080.70383	56080.70313	505064.4	5408098.5
T8100.1	505064.4	5408098.5	5874.79981	285.00	0	48.825846	-86.931000	56078.00	56256.2	-6.16	56071.84	56071.83984	56080.89392	56080.89453	505064.4	5408098.5
T8100.1	505064.6	5408098.5	5874.89990	283.13	0	48.825846	-86.930997	56077.82	56256.2	-6.16	56071.66	56071.66016	56081.00702	56081.00781	505064.6	5408098.5
T8100.1	505064.9	5408098.5	5875.00000	282.39	0	48.825846	-86.930994	56078.30	56256.2	-6.16	56072.14	56072.14063	56081.24595	56081.24609	505064.9	5408098.5
T8100.1	505064.9	5408098.5	5875.10010	281.70	0	48.825846	-86.930994	56077.98	56256.2	-6.16	56071.82	56071.82031	56081.35968	56081.35938	505064.9	5408098.5
T8100.1	505065.1	5408098.5	5875.20020	281.67	0	48.825846	-86.930990	56078.18	56256.2	-6.16	56072.02	56072.01953	56081.57442	56081.57422	505065.1	5408098.5
T8100.1	505065.3	5408098.5	5875.29981	281.93	0	48.825846	-86.930988	56078.07	56256.2	-6.15	56071.92	56071.92188	56081.75532	56081.75391	505065.3	5408098.5
T8100.1	505065.3	5408098.5	5875.39990	281.65	0	48.825846	-86.930988	56078.18	56256.2	-6.15	56072.03	56072.03125	56081.98463	56081.98438	505065.3	5408098.5
T8100.1	505065.5	5408098.5	5875.50000	283.88	0	48.825846	-86.930984	56078.13	56256.2	-6.15	56071.98	56071.98047	56082.20649	56082.20703	505065.5	5408098.5
T8100.1	505065.7	5408098.5	5875.60010	282.58	0	48.825846	-86.930982	56078.38	56256.1	-6.15	56072.23	56072.23047	56082.48435	56082.48438	505065.7	5408098.5
T8100.1	505065.9	5408098.5	5875.70020	281.97	0	48.825846	-86.930980	56078.48	56256.1	-6.15	56072.33	56072.32813	56082.75714	56082.75781	505065.9	5408098.5
T8100.1	505065.9	5408098.5	5875.79981	282.97	0	48.825846	-86.930980	56078.25	56256.1	-6.14	56072.10	56072.10156	56083.01180	56083.01172	505065.9	5408098.5
T8100.1	505066.0	5408098.5	5875.89990	282.59	0	48.825846	-86.930978	56078.20	56256.1	-6.14	56072.06	56072.05859	56083.30785	56083.30859	505066.0	5408098.5
T8100.1	505066.0	5408098.5	5876.00000	282.75	0	48.825846	-86.930978	56078.06	56256.1	-6.14	56071.92	56071.92188	56083.61643	56083.61719	505066.0	5408098.5
T8100.1	505066.1	5408098.5	5876.10010	283.14	0	48.825846	-86.930977	56077.96	56256.1	-6.14	56071.82	56071.82031	56083.95003	56083.94922	505066.1	5408098.5
T8100.1	505066.2	5408098.5	5876.20020	283.81	0	48.825846	-86.930975	56077.60	56256.1	-6.15	56071.45	56071.44922	56084.29209	56084.29297	505066.2	5408098.5
T8100.1	505066.2	5408098.5	5876.29981	281.88	0	48.825846	-86.930975	56077.70	56256.2	-6.15	56071.55	56071.55078	56084.67209	56084.67188	505066.2	5408098.5
T8100.1	505066.3	5408098.5	5876.39990	279.62	0	48.825846	-86.930974	56077.85	56256.2	-6.16	56071.69	56071.69141	56085.06301	56085.06250	505066.3	5408098.5
T8100.1	505066.4	5408098.6	5876.50000	278.76	0	48.825847	-86.930972	56077.92	56256.2	-6.16	56071.76	56071.76172	56085.46254	56085.46094	505066.4	5408098.6
T8100.1	505066.4	5408098.6	5876.60010	276.01	0	48.825847	-86.930972	56078.12	56256.2	-6.16	56071.96	56071.96094	56085.86591	56085.86719	505066.4	5408098.6
T8100.1	505066.5	5408098.6	5876.70020	277.51	0	48.825847	-86.930971	56078.00	56256.2	-6.17	56071.83	56071.82813	56086.28727	56086.28906	505066.5	5408098.6
T8100.1	505066.6	5408098.6	5876.79981	280.70	0	48.825847	-86.930970	56078.56	56256.2	-6.17	56072.39	56072.39063	56086.67149	56086.67188	505066.6	5408098.6
T8100.1	505066.6	5408098.6	5876.89990	280.14	0	48.825847	-86.930970	56078.61	56256.2	-6.18	56072.43	56072.42969	56087.08461	56087.08594	505066.6	5408098.6
T8100.1	505066.7	5408098.6	5877.00000	278.16	0	48.825847	-86.930968	56078.73	56256.2	-6.18	56072.55	56072.55078	56087.48897	56087.48828	505066.7	5408098.6
T8100.1	505066.9	5408098.6	5877.10010	279.40	0	48.825847	-86.930966	56078.71	56256.2	-6.18	56072.53	56072.53125	56087.90481	56087.90625	505066.9	5408098.6
T8100.1	505066.9	5408098.6	5877.20020	280.46	0	48.825847	-86.930966	56078.83	56256.2	-6.17	56072.66	56072.66016	56088.29561	56088.29688	505066.9	5408098.6
T8100.1	505067.0	5408098.6	5877.29981	271.88	0	48.825847	-86.930965	56079.04	56256.2	-6.17	56072.87	56072.87109	56087.83372	56087.83203	505067.0	5408098.6
T8100.1	505067.0	5408098.6	5877.39990	272.43	0	48.825847	-86.930964	56079.21	56256.2	-6.17	56073.05	56073.05078	56088.18930	56088.18750	505067.0	5408098.6
T8100.1	505067.0	5408098.6	5877.50000	273.87	0	48.825847	-86.930964	56079.52	56256.2	-6.17	56073.35	56073.35156	56088.55604	56088.55469	505067.0	5408098.6
T8100.1	505067.1	5408098.7	5877.60010	273.57	0	48.825847	-86.930963	56079.59	56256.2	-6.16	56073.43	56073.42969	56088.84737	56088.84766	505067.1	5408098.7
T8100.1	505067.2	5408098.7	5877.70020	273.77	0	48.825848	-86.930962	56080.00	56256.2	-6.16	56073.84	56073.83984	56089.19579	56089.19531	505067.2	5408098.7
T8100.1	505067.2	5408098.7	5877.79981	272.65	0	48.825848	-86.930962	56079.85	56256.2	-6.16	56073.69	56073.69141	56089.38896	56089.39063	505067.2	5408098.7
T8100.1	505067.3	5408098.7	5877.89990	275.27	0	48.825848	-86.930960	56080.33	56256.2	-6.15	56074.18	56074.17969	56089.70889	56089.70703	505067.3	5408098.7
T8100.1	505067.4	5408098.8	5878.00000	273.87	0	48.825848	-86.930959	56080.28	56256.2	-6.15	56074.13	56074.12891	56089.88394	56089.88281	505067.4	5408098.8
T8100.1	505067.4	5408098.8	5878.10010	274.68	0	48.825848	-86.930959	56080.43	56256.2	-6.15	56074.27	56074.26953	56090.08293	56090.08203	505067.4	5408098.8
T8100.1	505067.5	5408098.8	5878.20020	274.94	0	48.825848	-86.930958	56080.81	56256.2	-6.15	56074.65	56074.64844	56090.31716	56090.31641	505067.5	5408098.8
T8100.1	505067.6	5408098.8	5878.29981	276.05	0	48.825849	-86.930956	56080.75	56256.2	-6.16	56074.60	56074.60156	56090.43731	56090.43750	505067.6	5408098.8
T8100.1	505067.6	5408098.8	5878.39990	276.68	0	48.825849	-86.930956	56081.14	56256.2	-6.16	56074.98	56074.98047	56090.63863	56090.63672	505067.6	5408098.8
T8100.1	505067.7	5408098.9	5878.50000	276.29	0	48.825849	-86.930955	56081.49	56256.2	-6.16	56075.33	56075.32813	56090.81834	56090.81641	505067.7	5408098.9
T8100.1	505067.7	5408098.9	5878.60010	276.17	0	48.825849	-86.930955	56081.82	56256.2	-6.16	56075.66	56075.66016	56090.97988	56090.98047	505067.7	5408098.9
T8100.1	505067.8	5408098.9	5878.70020	277.10	0	48.825849	-86.930953	56081.84	56256.2	-6.16	56075.68	56075.67969	56091.05553	56091.05469	505067.8	5408098.9
T8100.1	505068.0	5408098.9	5878.79981	276.52	0	48.825850	-86.930952	56081.82	56256.2	-6.17	56075.66	56075.66016	56091.10736	56091.10547	505068.0	5408098.9
T8100.1	505068.1	5408098.9	5878.89990	277.97	0	48.825850	-86.930950	56082.12	56256.2	-6.17	56075.95	56075.94922	56091.22168	56091.22266	505068.1	5408098.9
T8100.1	505068.1	5408098.9	5879.00000	276.82	0	48.825850	-86.930950	56082.40	56256.2	-6.17	56076.23	56076.23047	56091.32399	56091.32422	505068.1	5408098.9
T8100.1	505068.2	5408099.0	5879.10010	275.62	0	48.825850	-86.930949	56082.50	56256.2	-6.17	56076.33	56076.32813	56091.37152	56091.37109	505068.2	5408099.0
T8100.1	505068.2	5408099.0	5879.20020	275.57	0	48.825850	-86.930949	56082.93	56256.2	-6.17	56076.76	56076.76172	56091.49504	56091.49609	505068.2	5408099.0
T8100.1	505068.3	5408099.0	5879.29981	274.19	0	48.825850	-86.930947	56083.39	56256.2	-6.17	56077.22	56077.21875	56091.61953	56091.62109	505068.3	5408099.0
T8100.1	505068.4	5408099.0	5879.39990	275.82	0	48.825850	-86.930945	56083.57	56256.2	-6.17	56077.40	56077.39844	56092.24479	56092.24609	505068.4	5408099.0
T8100.1	505068.4	5408099.0	5879.50000	276.49	0	48.825850	-86.930945	56084.04	56256.2	-6.17	56077.87	56077.87109	56092.25182	56092.25000	505068.4	5408099.0
T8100.1	505068.5	5408099.0	5879.60010	275.58	0	48.825851	-86.930944	56084.15	56256.2	-6.17	56077.98	56077.98047	56092.29176	56092.29297	505068.5	5408099.0
T8100.1	505068.5	5408099.0	5879.70020	278.62	0	48.825851	-86.930944	56084.37	56256.2	-6.17	56078.20	56078.19922	56092.30466	56092.30469	505068.5	5408099.0
T8100.1	505068.6	5408099.1	5879.79981	278.58	0	48.825851	-86.930942	56084.45	56256.2	-6.17	56078.28	56078.28125	56092.31000	56092.30859	505068.6	5408099.1
T8100.1	505068.8	5408099.1	5879.89990	279.58	0	48.825851	-86.930940	56084.86	56256.2	-6.17	56078.69	56078.69141	56092.27043	56092.26953	505068.8	5408099.1
T8100.1	505068.8	5408099.1	5880.00000	279.01	0	48.825851	-86.930940	56085.08	56256.2	-6.17	56078.91	56078.91016	56092.21882	56092.21875	505068.8	5408099.1
T8100.1	505068.9	5408099.1	5880.10010	278.71	0	48.825851	-86.930939	56085.19	56256.2	-6.17	56079.02	56079.01953	56092.13880	56092.14063	505068.9	5408099.1
T8100.1	505068.9	5408099.1	5880.20020	280.46	0	48.825851	-86.930939	56085.54	56256.2	-6.17	56079.37	56079.37109	56092.02354	56092.02344	505068.9	5408099.1
T8100.1	505069.0	5408099.1	5880.29981	279.90	0	48.825852	-86.930938	56085.66	56256.2	-6.17	56079.49	56079.48828	56091.86555	56091.86719	505069.0	5408099.1
T8100.1	505069.1	5408099.1	5880.39990	280.31	0	48.825852	-86.930936	56085.96	56256.2	-6.17	56079.79	56079.78906	56091.67456	56091.67578	505069.1	5408099.1
T8100.1	505069.2	5408099.2	5880.50000	281.71	0	48.825852	-86.930935	56086.12	56256.2	-6.18	56079.95	56079.94922	56091.42768	56091.42578	505069.2	5408099.2
T8100.1	505069.2	5408099.2	5880.60010	281.91	0	48.825852	-86.930935	56086.37	56256.2	-6.18	56080.19	56080.19141	56091.14200	56091.14063	505069.2	5408099.2
T8100.1	505069.3	5408099.2	5880.70020	281.29	0	48.825852	-86.930933	56086.75	56256.2	-6.18	56080.58	56080.57813	56090.84348	56090.84375	505069.3	5408099.2
T8100.1	505069.4	5408099.2	5880.79981	280.79	0	48.825852	-86.930932	56087.13	56256.2	-6.18	56080.95	56080.94922	56090.51326	56090.51172	505069.4	5408099.2
T8100.1	505069.5	5408099.2	5880.89990	283.01	0	48.825852	-86.930931	56087.52	56256.2	-6.18	56081.34	56081.33984	56090.16465	56090.16406	505069.5	5408099.2
T8100.1	505069.5	5408099.2	5881.00000	283.29	0	48.825852	-86.930931	56087.74	56256.2	-6.18	56081.56	56081.55859	56089.74021	56089.73828	505069.5	5408099.2
T8100.1	505069.6	5408099.2	5881.10010	283.84	0	48.825853	-86.930929	56088.12	56256.2	-6.18	56081.94	56081.94141	56089.35078	56089.35156	505069.6	5408099.2
T8100.1	505069.8	5408099.3	5881.20020	284.52	0	48.825853	-86.930927	56088.14	56256.2	-6.18	56081.96	56081.96094	56089.14200	56089.14063	505069.8	5408099.3
T8100.1	505069.8	5408099.3	5881.29981	282.67	0	48.825853	-86.930927	56088.56	56256.2	-6.18	56082.37	56082.37109	56088.62232	56088.62109	505069.8	5408099.3
T8100.1	505069.9	5408099.3	5881.39990	283.09	0	48.825853	-86.930925	56088.70	56256.2	-6.18	56082.51	56082.51172	56088.13011	56088.12891	505069.9	5408099.3
T8100.1	505069.9	5408099.3	5881.50000	283.94	0	48.825853	-86.930925	56089.00	56256.2	-6.18	56082.82	56082.82031	56087.62593	56087.62500	505069.9	5408099.3
T8100.1	505070.0	5408099.3	5881.60010	287.70	0	48.825853	-86.930923	56089.41	56256.2	-6.19	56083.22	56083.21875	56087.16186	56087.16016	505070.0	5408099.3
T8100.1	505070.2	5408099.3	5881.70020	299.08	0	48.825853	-86.930922	56089.64	56256.2	-6.19	56083.45	56083.44922	56086.66897	56086.66797	505070.2	5408099.3
T8100.1	505070.3	5408099.3	5881.79981	298.76	0	48.825854	-86.930920	56089.84	56256.2	-6.19	56083.65	56083.64844	56086.15990	56086.16016	505070.3	5408099.3
T8100.1	505070.3	5408099.3	5881.89990	297.54	0	48.825854	-86.930920	56090.02	56256.2	-6.19	56083.83	56083.82813	56085.63386	56085.63281	505070.3	5408099.3
T8100.1	505070.4	5408099.3	5882.00000	299.12	0	48.825854	-86.930919	56090.57	56256.2	-6.19	56084.38	56084.37891	56085.41265	56085.41406	505070.4	5408099.3
T8100.1	505070.5	5408099.4	5882.10010	300.67	0	48.825854	-86.930917	56090.77	56256.2	-6.19	56084.58	56084.57813	56085.01092	56085.01172	505070.5	5408099.4
T8100.1	505070.6	5408099.4	5882.20020	302.19	0	48.825854	-86.930915	56091.25	56256.2	-6.20	56085.06	56085.05859	56084.86400	56084.86328	505070.6	5408099.4
T8100.1	505070.6	5408099.4	5882.29981	301.04	0	48.825854	-86.930915	56091.73	56256.2	-6.20	56085.53	56085.53125	56087.19594	56087.19531	505070.6	5408099.4
T8100.1	505070.6	5408099.4	5882.39990	298.82	0	48.825854	-86.930915	56092.22	56256.2	-6.20	56086.02	56086.01953	56085.87307	56085.87500	505070.6	5408099.4
T8100.1	505070.7	5408099.4	5882.50000	301.93	0	48.825854	-86.930914	56093.00	56256.2	-6.21	56086.79	56086.78906	56090.21678	56090.21484	505070.7	5408099.4
T8100.1	505070.8	5408099.4	5882.60010	303.79	0	48.825854	-86.930913	56092.88	56256.2	-6.21	56086.67	56086.67188	56086.45946	56086.46094	505070.8	5408099.4
T8100.1	505070.8	5408099.4	5882.70020	302.32	0	48.825854	-86.930913	56093.18	56256.2	-6.21	56086.96	56086.96094	56086.33565	56086.33594	505070.8	5408099.4

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
T8100.1	505070.9	5408099.4	5882.79981	303.19	0	48.825854	-86.930911	56093.38	56256.2	-6.21	56087.17	56087.17188	56084.95436	56084.95313	505070.9	5408099.4
T8100.1	505071.1	5408099.4	5882.89990	301.91	0	48.825854	-86.930909	56093.63	56256.2	-6.22	56087.42	56087.42188	56083.91401	56083.91406	505071.1	5408099.4
T8100.1	505071.1	5408099.4	5883.00000	302.23	0	48.825854	-86.930909	56094.06	56256.2	-6.22	56087.84	56087.83984	56085.73216	56085.73047	505071.1	5408099.4
T8100.1	505071.2	5408099.4	5883.10010	302.56	0	48.825854	-86.930908	56094.42	56256.2	-6.22	56088.20	56088.19922	56086.73631	56086.73438	505071.2	5408099.4
T8100.1	505071.3	5408099.4	5883.20020	302.73	0	48.825854	-86.930906	56094.32	56256.2	-6.22	56088.10	56088.10156	56078.64844	56078.64844	505071.3	5408099.4
T8100.1	505071.4	5408099.4	5883.29981	304.78	0	48.825854	-86.930905	56094.52	56256.2	-6.22	56088.30	56088.30078	56076.06188	56076.06250	505071.4	5408099.4
T8100.1	505071.4	5408099.4	5883.39990	302.88	0	48.825854	-86.930905	56095.13	56256.2	-6.22	56088.91	56088.91016	56082.37041	56082.37109	505071.4	5408099.4
T8100.1	505071.6	5408099.4	5883.50000	303.38	0	48.825854	-86.930902	56095.50	56256.2	-6.21	56089.28	56089.28125	56083.74580	56083.74609	505071.6	5408099.4
T8100.1	505071.6	5408099.4	5883.60010	305.02	0	48.825854	-86.930902	56095.84	56256.2	-6.21	56089.63	56089.62891	56084.75781	56084.75781	505071.6	5408099.4
T8100.1	505071.7	5408099.4	5883.70020	305.80	0	48.825854	-86.930901	56096.11	56256.2	-6.21	56089.90	56089.89844	56083.87804	56083.87891	505071.7	5408099.4
T8100.1	505071.8	5408099.4	5883.79981	307.03	0	48.825854	-86.930900	56096.52	56256.2	-6.21	56090.30	56090.30078	56086.19487	56086.19531	505071.8	5408099.4
T8100.1	505071.9	5408099.4	5883.89990	306.85	0	48.825854	-86.930898	56096.74	56256.2	-6.21	56090.53	56090.53125	56084.25031	56084.25000	505071.9	5408099.4
T8100.1	505071.9	5408099.4	5884.00000	306.00	0	48.825854	-86.930898	56097.05	56256.2	-6.21	56090.84	56090.83984	56084.29231	56084.29297	505071.9	5408099.4
T8100.1	505072.0	5408099.4	5884.10010	307.50	0	48.825854	-86.930897	56097.40	56256.2	-6.21	56091.19	56091.19141	56085.37626	56085.37500	505072.0	5408099.4
T8100.1	505072.2	5408099.4	5884.20020	308.79	0	48.825854	-86.930894	56097.63	56256.2	-6.21	56091.42	56091.42188	56083.23424	56083.23438	505072.2	5408099.4
T8100.1	505072.2	5408099.4	5884.29981	307.62	0	48.825854	-86.930894	56098.19	56256.2	-6.22	56091.97	56091.96875	56089.76873	56089.76953	505072.2	5408099.4
T8100.1	505072.3	5408099.5	5884.39990	306.25	0	48.825855	-86.930893	56098.48	56256.2	-6.22	56092.26	56092.26172	56089.25654	56089.25781	505072.3	5408099.5
T8100.1	505072.4	5408099.5	5884.50000	306.98	0	48.825855	-86.930891	56098.80	56256.2	-6.22	56092.58	56092.57813	56089.56714	56089.56641	505072.4	5408099.5
T8100.1	505072.5	5408099.5	5884.60010	308.50	0	48.825855	-86.930889	56098.96	56256.2	-6.22	56092.74	56092.73828	56085.34307	56085.34375	505072.5	5408099.5
T8100.1	505072.5	5408099.5	5884.70020	306.47	0	48.825855	-86.930889	56099.35	56256.2	-6.22	56093.12	56093.12109	56087.36537	56087.36719	505072.5	5408099.5
T8100.1	505072.7	5408099.5	5884.79981	304.93	0	48.825855	-86.930888	56099.68	56256.2	-6.23	56093.46	56093.46094	56088.30535	56088.30469	505072.7	5408099.5
T8100.1	505072.7	5408099.5	5884.89990	305.26	0	48.825855	-86.930888	56100.03	56256.2	-6.23	56093.80	56093.80078	56089.31649	56089.31641	505072.7	5408099.5
T8100.1	505072.8	5408099.6	5885.00000	305.15	0	48.825855	-86.930885	56100.25	56256.2	-6.23	56094.02	56094.01953	56086.81197	56086.81250	505072.8	5408099.6
T8100.1	505072.9	5408099.6	5885.10010	305.24	0	48.825856	-86.930884	56100.41	56256.2	-6.23	56094.18	56094.17969	56082.45723	56082.45703	505072.9	5408099.6
T8100.1	505072.9	5408099.6	5885.20020	305.40	0	48.825856	-86.930884	56100.79	56256.2	-6.23	56094.56	56094.55859	56088.28907	56088.28906	505072.9	5408099.6
T8100.1	505073.1	5408099.6	5885.29981	307.54	0	48.825856	-86.930881	56100.97	56256.2	-6.23	56094.74	56094.73828	56086.81416	56086.81250	505073.1	5408099.6
T8100.1	505073.2	5408099.6	5885.39990	305.77	0	48.825856	-86.930880	56101.80	56256.2	-6.23	56095.56	56095.55859	56094.34107	56094.33984	505073.2	5408099.6
T8100.1	505073.2	5408099.6	5885.50000	305.69	0	48.825856	-86.930880	56102.25	56256.2	-6.24	56096.02	56096.01953	56096.98422	56096.98438	505073.2	5408099.6
T8100.1	505073.4	5408099.7	5885.60010	305.22	0	48.825856	-86.930877	56102.41	56256.2	-6.24	56096.18	56096.17969	56095.28864	56095.28906	505073.4	5408099.7
T8100.1	505073.6	5408099.7	5885.70020	307.06	0	48.825857	-86.930875	56102.69	56256.2	-6.24	56096.45	56096.44922	56095.17938	56095.17969	505073.6	5408099.7
T8100.1	505073.6	5408099.7	5885.79981	308.08	0	48.825857	-86.930875	56102.74	56256.2	-6.24	56096.50	56096.50000	56091.60409	56091.60547	505073.6	5408099.7
T8100.1	505073.8	5408099.7	5885.89990	311.08	0	48.825857	-86.930873	56102.94	56256.2	-6.24	56096.70	56096.69922	56090.24511	56090.24609	505073.8	5408099.7
T8100.1	505073.8	5408099.7	5886.00000	310.96	0	48.825857	-86.930873	56103.07	56256.2	-6.24	56096.83	56096.82813	56087.64943	56087.64844	505073.8	5408099.7
T8100.1	505073.9	5408099.7	5886.10010	310.86	0	48.825857	-86.930871	56103.44	56256.2	-6.24	56097.20	56097.19922	56088.99762	56088.99609	505073.9	5408099.7
T8100.1	505074.1	5408099.7	5886.20020	311.27	0	48.825857	-86.930869	56103.70	56256.2	-6.24	56097.46	56097.46094	56088.50499	56088.50391	505074.1	5408099.7
T8100.1	505074.1	5408099.7	5886.29981	309.96	0	48.825857	-86.930869	56104.34	56256.2	-6.24	56098.09	56098.08984	56094.59726	56094.59766	505074.1	5408099.7
T8100.1	505074.3	5408099.8	5886.39990	312.67	0	48.825857	-86.930866	56104.36	56256.2	-6.24	56098.11	56098.10938	56089.84282	56089.84375	505074.3	5408099.8
T8100.1	505074.4	5408099.8	5886.50000	313.26	0	48.825857	-86.930864	56104.44	56256.2	-6.24	56098.19	56098.19141	56086.00280	56086.00391	505074.4	5408099.8
T8100.1	505074.5	5408099.8	5886.60010	313.89	0	48.825858	-86.930862	56104.66	56256.2	-6.25	56098.41	56098.41016	56084.67442	56084.67578	505074.5	5408099.8
T8100.1	505074.5	5408099.8	5886.70020	314.57	0	48.825858	-86.930862	56104.94	56256.2	-6.25	56098.69	56098.69141	56084.46613	56084.46484	505074.5	5408099.8
T8100.1	505074.7	5408099.8	5886.79981	316.37	0	48.825858	-86.930860	56105.39	56256.2	-6.25	56099.15	56099.14844	56087.79689	56087.79688	505074.7	5408099.8
T8100.1	505074.7	5408099.8	5886.89990	315.91	0	48.825858	-86.930860	56106.11	56256.2	-6.25	56099.86	56099.85938	56096.22596	56096.22656	505074.7	5408099.8
T8100.1	505074.8	5408099.8	5887.00000	313.90	0	48.825858	-86.930858	56106.20	56256.3	-6.25	56099.95	56099.94922	56092.35039	56092.35156	505074.8	5408099.8
T8100.1	505075.0	5408099.8	5887.10010	313.10	0	48.825858	-86.930856	56106.71	56256.3	-6.25	56100.46	56100.46094	56096.97024	56096.96875	505075.0	5408099.8
T8100.1	505075.1	5408099.8	5887.20020	314.26	0	48.825858	-86.930854	56106.83	56256.3	-6.25	56100.58	56100.57813	56093.59553	56093.59375	505075.1	5408099.8
T8100.1	505075.1	5408099.8	5887.29981	313.41	0	48.825858	-86.930854	56107.20	56256.3	-6.26	56100.94	56100.94141	56095.16699	56095.16797	505075.1	5408099.8
T8100.1	505075.3	5408099.8	5887.39990	313.10	0	48.825858	-86.930852	56107.41	56256.3	-6.26	56101.16	56101.16016	56093.77643	56093.77734	505075.3	5408099.8
T8100.1	505075.4	5408099.8	5887.50000	312.41	0	48.825858	-86.930850	56107.72	56256.3	-6.26	56101.46	56101.46094	56094.05610	56094.05469	505075.4	5408099.8
T8100.1	505075.4	5408099.8	5887.60010	310.99	0	48.825858	-86.930850	56107.93	56256.3	-6.26	56101.66	56101.66016	56092.13166	56092.13281	505075.4	5408099.8
T8100.1	505075.6	5408099.9	5887.70020	310.54	0	48.825858	-86.930848	56108.40	56256.3	-6.26	56102.14	56102.14063	56096.34353	56096.34375	505075.6	5408099.9
T8100.1	505075.7	5408099.9	5887.79981	311.86	0	48.825858	-86.930847	56108.68	56256.3	-6.27	56102.42	56102.42188	56096.14859	56096.14844	505075.7	5408099.9
T8100.1	505075.7	5408099.9	5887.89990	312.82	0	48.825858	-86.930847	56108.88	56256.3	-6.27	56102.62	56102.62109	56094.09153	56094.08984	505075.7	5408099.9
T8100.1	505075.8	5408099.9	5888.00000	315.44	0	48.825859	-86.930845	56109.12	56256.3	-6.27	56102.85	56102.85156	56092.63885	56092.64063	505075.8	5408099.9
T8100.1	505075.9	5408100.0	5888.10010	316.70	0	48.825859	-86.930843	56109.31	56256.3	-6.27	56103.04	56103.03906	56090.16237	56090.16406	505075.9	5408100.0
T8100.1	505075.9	5408100.0	5888.20020	314.94	0	48.825859	-86.930843	56109.68	56256.3	-6.26	56103.41	56103.41016	56091.91250	56091.91406	505075.9	5408100.0
T8100.1	505076.1	5408100.0	5888.29981	316.41	0	48.825860	-86.930841	56109.98	56256.3	-6.26	56103.72	56103.71875	56092.23362	56092.23438	505076.1	5408100.0
T8100.1	505076.2	5408100.1	5888.39990	316.98	0	48.825860	-86.930839	56110.32	56256.3	-6.25	56104.07	56104.07031	56093.55672	56093.55859	505076.2	5408100.1
T8100.1	505076.3	5408100.2	5888.50000	316.60	0	48.825861	-86.930837	56110.42	56256.3	-6.25	56104.17	56104.17188	56088.53002	56088.53125	505076.3	5408100.2
T8100.1	505076.4	5408100.2	5888.60010	317.63	0	48.825861	-86.930836	56110.68	56256.2	-6.25	56104.43	56104.42969	56086.66257	56086.66406	505076.4	5408100.2
T8100.1	505076.4	5408100.2	5888.70020	319.47	0	48.825861	-86.930836	56110.96	56256.2	-6.24	56104.72	56104.71875	56086.93708	56086.93750	505076.4	5408100.2
T8100.1	505076.6	5408100.2	5888.79981	319.98	0	48.825861	-86.930835	56111.21	56256.2	-6.24	56104.97	56104.96875	56086.57747	56086.57813	505076.6	5408100.2
T8100.1	505076.7	5408100.3	5888.89990	319.23	0	48.825862	-86.930833	56111.74	56256.2	-6.23	56105.51	56105.51172	56091.46709	56091.46875	505076.7	5408100.3
T8100.1	505076.7	5408100.3	5889.00000	319.47	0	48.825862	-86.930833	56111.70	56256.2	-6.23	56105.46	56105.46094	56085.85504	56085.85547	505076.7	5408100.3
T8100.1	505076.8	5408100.3	5889.10010	320.14	0	48.825862	-86.930831	56112.12	56256.2	-6.23	56105.89	56105.89063	56089.01430	56089.01563	505076.8	5408100.3
T8100.1	505076.9	5408100.3	5889.20020	319.81	0	48.825862	-86.930829	56112.28	56256.2	-6.24	56106.04	56106.03906	56087.11202	56087.11328	505076.9	5408100.3
T8100.1	505076.9	5408100.3	5889.29981	321.46	0	48.825862	-86.930829	56112.56	56256.2	-6.24	56106.32	56106.32031	56087.70850	56087.70703	505076.9	5408100.3
T8100.1	505077.1	5408100.3	5889.39990	322.51	0	48.825862	-86.930827	56112.88	56256.2	-6.24	56106.64	56106.64063	56089.16761	56089.16797	505077.1	5408100.3
T8100.1	505077.2	5408100.3	5889.50000	321.49	0	48.825862	-86.930825	56113.34	56256.2	-6.25	56107.09	56107.08984	56093.23480	56093.23438	505077.2	5408100.3
T8100.1	505077.2	5408100.3	5889.60010	322.86	0	48.825862	-86.930825	56113.54	56256.2	-6.25	56107.29	56107.28906	56092.60392	56092.60547	505077.2	5408100.3
T8100.1	505077.4	5408100.3	5889.70020	322.10	0	48.825862	-86.930824	56113.62	56256.3	-6.25	56107.37	56107.37109	56089.70852	56089.70703	505077.4	5408100.3
T8100.1	505077.5	5408100.3	5889.79981	322.00	0	48.825862	-86.930822	56114.02	56256.3	-6.25	56107.77	56107.76953	56093.12127	56093.12109	505077.5	5408100.3
T8100.1	505077.5	5408100.3	5889.89990	321.77	0	48.825862	-86.930822	56114.30	56256.3	-6.26	56108.04	56108.03906	56094.08736	56094.08594	505077.5	5408100.3
T8100.1	505077.7	5408100.3	5890.00000	322.75	0	48.825862	-86.930819	56114.68	56256.3	-6.26	56108.42	56108.42188	56097.30298	56097.30469	505077.7	5408100.3
T8100.1	505077.8	5408100.3	5890.10010	321.43	0	48.825862	-86.930818	56115.16	56256.3	-6.26	56108.90	56108.89844	56102.59322	56102.59375	505077.8	5408100.3
T8100.1	505077.8	5408100.3	5890.20020	321.24	0	48.825862	-86.930818	56115.56	56256.3	-6.26	56109.29	56109.28906	56106.20370	56106.20313	505077.8	5408100.3
T8100.1	505077.9	5408100.3	5890.29981	320.94	0	48.825862	-86.930817	56116.20	56256.3	-6.27	56109.93	56109.92969	56114.92348	56114.92188	505077.9	5408100.3
T8100.1	505077.9	5408100.3	5890.39990	320.38	0	48.825862	-86.930816	56116.57	56256.3	-6.27	56110.31	56110.30859	56118.58401	56118.58594	505077.9	5408100.3
T8100.1	505077.9	5408100.3	5890.50000	320.29	0	48.825862	-86.930816	56116.75	56256.3	-6.27	56110.48	56110.48047	56118.10928	56118.10938	505077.9	5408100.3
T8100.1	505078.0	5408100.3	5890.60010	320.45	0	48.825862	-86.930814	56117.03	56256.3	-6.27	56110.76	56110.76172	56119.95334	56119.95313	505078.0	5408100.3
T8100.1	505078.1	5408100.3	5890.70020	321.02	0	48.825862	-86.930813	56117.36	56256.3	-6.27	56111.08	56111.07813	56122.72898	56122.73047	505078.1	5408100.3
T8100.1	505078.2	5408100.4	5890.79981	321.24	0	48.825863	-86.930813	56117.64	56256.3	-6.28	56111.37	56111.37109	56125.00294	56125.00391	505078.2	5408100.4
T8100.1	505078.2	5408100.4	5890.89990	321.49	0	48.825863	-86.930813	56117.89	56256.3	-6.28	56111.61	56111.60938	56126.33908	56126.33984	505078.2	5408100.4
T8100.1	505078.2	5408100.4	5891.00000	321.14	0	48.825863	-86.930812	56118.11	56256.3	-6.28	56111.83	56111.82813	56127.34484	56127.34375	505078.2	5408100.4
T8100.1	505078.2	5408100.4	5891.10010	321.99	0	48.825863	-86.930812	56118.14	56256.3	-6.28	56111.86	56111.85938	56124.36605	56124.36719	505078.2	5408100.4
T8100.1	505078.3	5408100.4	5891.20020	322.60	0	48.825863	-86.930811	56118.64	56256.3	-6.28	56112.36	56112.35938	56131.55510	56131.55469	505078.3	5408100.4
T8100.1	505078.3	5408100.4	5891.29981	323.18	0	48.825863	-86.930810	56118.75	56256.3	-6.28	56112.47	56112.46875	56130.42992	56130.42969	505078.3	5408100.4
T8100.1	505078.4	5408100.4	5891.39990	323.32	0	48.825863	-86.930810	56119.13	56256.3	-6.28	56112.85	56112.85156	56135.27528	56135.27344	505078.4	5408100.4
T8100.1	505078.4	5408100.4	5891.50000	324.82	0	48.825863	-86.930810	56119.21	56256.3	-6.29	56112.93	56112.92969	56133.60741	56133.60547	505078.4	5408100.4
T8100.1	505078.4	5408100.4	5891.60010	328.00	0	48.825863	-86.930809	56119.48	56256.3	-6.29	56113.19	56113.19141	56135.97990	56135.98047	505078.4	5408100.4
T8100.1	505078.4	5408100.4	5891.70020	328.09	0	48.825863	-86.930809	56119.56	56256.3	-6.29	56113.27	56113.26953	56134.39534	56134.39453	505078.4	5408100.4
T8100.1	505078.4	5408100.4	5891.79981	328.06	0	48.825863	-86.930809	56119.76	56256.3	-6.29	56113.47	56113.46875	56135.54701	56135.54688	505078.4	5408100.4
T8100.1	505078.5	5408100.4	5891.89990	328.15	0	48.825863	-86.930809	56119.96	56256.3	-6.29	56113.67	56113.67188	56136.75800	56136.75781	505078.5	5408100.4
T8100.1	505078.5	5408100.4	5892.00000	327.61	0	48.825863	-86.930809	56119.96	56256.3	-6.29	56113.67	56113.67188	56133.47195	56133.47266	505078.5	5408100.4

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
T8100.1	505078.5	5408100.4	5892.10010	325.67	0	48.825863	-86.930808	56120.20	56256.3	-6.29	56113.90	56113.89844	56135.45724	56135.45703	505078.5	5408100.4
T8100.1	505078.5	5408100.4	5892.20020	325.94	0	48.825863	-86.930808	56120.09	56256.3	-6.29	56113.80	56113.80078	56129.93162	56129.92969	505078.5	5408100.4
T8100.1	505078.5	5408100.4	5892.29981	325.73	0	48.825863	-86.930808	56119.94	56256.3	-6.29	56113.64	56113.64063	56123.04069	56123.03906	505078.5	5408100.4
T8100.1	505078.5	5408100.4	5892.39990	325.66	0	48.825863	-86.930808	56119.91	56256.3	-6.29	56113.62	56113.62109	56119.38638	56119.38672	505078.5	5408100.4
T8100.1	505078.5	5408100.4	5892.50000	323.64	0	48.825863	-86.930808	56119.98	56256.3	-6.29	56113.69	56113.69141	56117.83604	56117.83594	505078.5	5408100.4
T8100.1	505078.5	5408100.4	5892.60010	322.73	0	48.825863	-86.930807	56120.02	56256.3	-6.30	56113.72	56113.71875	56115.41361	56115.41406	505078.5	5408100.4
T8100.1	505078.6	5408100.4	5892.70020	323.23	0	48.825863	-86.930807	56120.02	56256.3	-6.30	56113.72	56113.71875	56112.36399	56112.36328	505078.6	5408100.4
T8100.1	505078.6	5408100.4	5892.79981	322.34	0	48.825863	-86.930807	56120.27	56256.3	-6.30	56113.97	56113.96875	56115.03983	56115.03906	505078.6	5408100.4
T8100.1	505078.6	5408100.4	5892.89990	323.92	0	48.825863	-86.930807	56120.44	56256.3	-6.30	56114.14	56114.14063	56115.91339	56115.91406	505078.6	5408100.4
T8100.1	505078.6	5408100.5	5893.00000	324.50	0	48.825863	-86.930806	56120.52	56256.3	-6.30	56114.22	56114.21875	56114.80244	56114.80078	505078.6	5408100.5
T8100.1	505078.7	5408100.5	5893.10010	323.76	0	48.825864	-86.930806	56120.48	56256.3	-6.30	56114.18	56114.17969	56111.11719	56111.11719	505078.7	5408100.5
T8100.1	505078.7	5408100.5	5893.20020	324.48	0	48.825864	-86.930806	56120.65	56256.3	-6.30	56114.35	56114.35156	56112.08613	56112.08594	505078.7	5408100.5
T8100.1	505078.8	5408100.5	5893.29981	325.60	0	48.825864	-86.930804	56120.50	56256.3	-6.30	56114.20	56114.19922	56106.24156	56106.24219	505078.8	5408100.5
T8100.1	505078.8	5408100.5	5893.39990	326.50	0	48.825864	-86.930804	56120.39	56256.3	-6.30	56114.09	56114.08984	56101.42865	56101.42969	505078.8	5408100.5
T8100.1	505078.9	5408100.5	5893.50000	326.13	0	48.825864	-86.930803	56120.50	56256.3	-6.30	56114.20	56114.19922	56101.32222	56101.32031	505078.9	5408100.5
T8100.1	505079.0	5408100.5	5893.60010	327.04	0	48.825864	-86.930801	56120.24	56256.3	-6.30	56113.94	56113.94141	56093.72833	56093.72656	505079.0	5408100.5
T8100.1	505079.1	5408100.5	5893.70020	329.32	0	48.825864	-86.930800	56120.50	56256.3	-6.30	56114.20	56114.19922	56096.77964	56096.78125	505079.1	5408100.5
T8100.1	505079.1	5408100.5	5893.79981	321.85	0	48.825864	-86.930800	56120.50	56256.3	-6.30	56114.20	56114.19922	56094.64660	56094.64844	505079.1	5408100.5
T8100.1	505079.3	5408100.5	5893.89990	322.62	0	48.825864	-86.930797	56120.82	56256.3	-6.30	56114.52	56114.51953	56098.76521	56098.76563	505079.3	5408100.5
T8100.1	505079.6	5408100.6	5894.00000	320.05	0	48.825865	-86.930793	56120.70	56256.3	-6.30	56114.40	56114.39844	56094.42779	56094.42969	505079.6	5408100.6
T8100.1	505079.7	5408100.6	5894.10010	317.86	0	48.825865	-86.930791	56120.95	56256.3	-6.30	56114.65	56114.64844	56097.11885	56097.11719	505079.7	5408100.6
T8100.1	505079.7	5408100.6	5894.20020	315.12	0	48.825865	-86.930791	56120.94	56256.3	-6.30	56114.64	56114.64063	56094.98506	56094.98438	505079.7	5408100.6
T8100.1	505080.0	5408100.6	5894.29981	313.60	0	48.825865	-86.930788	56120.68	56256.3	-6.30	56114.37	56114.37109	56088.30741	56088.30859	505080.0	5408100.6
T8100.1	505080.3	5408100.6	5894.39990	314.52	0	48.825865	-86.930784	56120.77	56256.3	-6.30	56114.47	56114.46875	56088.35418	56088.35547	505080.3	5408100.6
T8100.1	505080.6	5408100.7	5894.50000	315.20	0	48.825865	-86.930780	56120.80	56256.3	-6.31	56114.50	56114.50000	56087.19876	56087.19922	505080.6	5408100.7
T8100.1	505080.6	5408100.7	5894.60010	315.31	0	48.825865	-86.930780	56121.02	56256.3	-6.31	56114.71	56114.71094	56091.93582	56091.93750	505080.6	5408100.7
T8100.1	505080.9	5408100.7	5894.70020	316.86	0	48.825865	-86.930775	56120.93	56256.3	-6.31	56114.62	56114.62109	56087.91156	56087.91016	505080.9	5408100.7
T8100.1	505080.9	5408100.7	5894.79981	316.53	0	48.825865	-86.930775	56121.15	56256.3	-6.31	56114.84	56114.83984	56091.59325	56091.59375	505080.9	5408100.7
T8100.1	505081.3	5408100.7	5894.89990	314.87	0	48.825865	-86.930770	56121.23	56256.3	-6.31	56114.92	56114.92188	56091.61374	56091.61328	505081.3	5408100.7
T8100.1	505081.3	5408100.7	5895.00000	314.84	0	48.825865	-86.930770	56121.31	56256.3	-6.31	56115.00	56115.00000	56091.48322	56091.48438	505081.3	5408100.7
T8100.1	505081.6	5408100.7	5895.10010	313.89	0	48.825866	-86.930766	56121.30	56256.3	-6.31	56114.99	56114.98828	56089.07670	56089.07813	505081.6	5408100.7
T8100.1	505082.0	5408100.7	5895.20020	314.93	0	48.825866	-86.930761	56121.41	56256.3	-6.31	56115.10	56115.10156	56089.32545	56089.32422	505082.0	5408100.7
T8100.1	505082.3	5408100.7	5895.29981	317.41	0	48.825866	-86.930756	56121.58	56256.3	-6.31	56115.27	56115.26953	56090.73896	56090.73828	505082.3	5408100.7
T8100.1	505082.3	5408100.7	5895.39990	318.31	0	48.825866	-86.930756	56121.79	56256.3	-6.31	56115.48	56115.48047	56092.82685	56092.82813	505082.3	5408100.7
T8100.1	505082.7	5408100.7	5895.50000	319.67	0	48.825866	-86.930751	56122.16	56256.3	-6.31	56115.86	56115.85938	56098.53096	56098.53125	505082.7	5408100.7
T8100.1	505083.1	5408100.7	5895.60010	317.09	0	48.825866	-86.930745	56122.16	56256.3	-6.30	56115.86	56115.85938	56095.39573	56095.39453	505083.1	5408100.7
T8100.1	505083.5	5408100.7	5895.70020	317.33	0	48.825866	-86.930740	56122.39	56256.3	-6.30	56116.09	56116.08984	56097.25592	56097.25781	505083.5	5408100.7
T8100.1	505083.5	5408100.7	5895.79981	317.11	0	48.825866	-86.930740	56122.57	56256.3	-6.30	56116.26	56116.26172	56097.54124	56097.54297	505083.5	5408100.7
T8100.1	505083.8	5408100.7	5895.89990	315.33	0	48.825866	-86.930735	56122.72	56256.3	-6.30	56116.42	56116.42188	56097.37339	56097.37500	505083.8	5408100.7
T8100.1	505083.8	5408100.7	5896.00000	313.84	0	48.825866	-86.930735	56122.67	56256.3	-6.30	56116.37	56116.37109	56092.08232	56092.08203	505083.8	5408100.7
T8100.1	505084.4	5408100.8	5896.10010	311.20	0	48.825866	-86.930727	56123.20	56256.3	-6.30	56116.90	56116.89844	56100.08564	56100.08594	505084.4	5408100.8
T8100.1	505084.9	5408100.8	5896.20020	312.98	0	48.825866	-86.930720	56123.40	56256.3	-6.30	56117.10	56117.10156	56100.18874	56100.18750	505084.9	5408100.8
T8100.1	505084.9	5408100.8	5896.29981	311.58	0	48.825866	-86.930720	56123.46	56256.3	-6.30	56117.16	56117.16016	56096.62845	56096.62891	505084.9	5408100.8
T8100.1	505085.3	5408100.8	5896.39990	313.14	0	48.825866	-86.930715	56123.91	56256.3	-6.30	56117.61	56117.60938	56102.47573	56102.47656	505085.3	5408100.8
T8100.1	505085.9	5408100.8	5896.50000	314.53	0	48.825867	-86.930708	56124.23	56256.3	-6.30	56117.93	56117.92969	56105.04852	56105.04688	505085.9	5408100.8
T8100.1	505085.9	5408100.8	5896.60010	315.11	0	48.825867	-86.930708	56124.44	56256.3	-6.30	56118.14	56118.14063	56091.47805	56091.47656	505085.9	5408100.8
T8100.1	505086.3	5408100.8	5896.70020	315.97	0	48.825867	-86.930701	56124.62	56256.3	-6.30	56118.32	56118.32031	56090.37576	56090.37500	505086.3	5408100.8
T8100.1	505087.0	5408100.8	5896.79981	318.04	0	48.825867	-86.930693	56124.74	56256.3	-6.30	56118.44	56118.44141	56088.07028	56088.07031	505087.0	5408100.8
T8100.1	505087.4	5408100.9	5896.89990	317.83	0	48.825867	-86.930686	56125.03	56256.3	-6.30	56118.73	56118.73047	56088.75053	56088.75000	505087.4	5408100.9
T8100.1	505087.4	5408100.9	5897.00000	319.66	0	48.825867	-86.930686	56125.13	56256.3	-6.30	56118.82	56118.82031	56085.62935	56085.62891	505087.4	5408100.9
T8100.1	505088.0	5408100.9	5897.10010	322.17	0	48.825867	-86.930678	56125.50	56256.3	-6.30	56119.21	56119.21094	56088.16022	56088.16016	505088.0	5408100.9
T8100.1	505088.6	5408100.9	5897.20020	323.06	0	48.825867	-86.930670	56125.66	56256.3	-6.30	56119.36	56119.35938	56086.02037	56086.01953	505088.6	5408100.9
T8100.1	505089.2	5408100.9	5897.29981	325.18	0	48.825867	-86.930663	56126.01	56256.3	-6.29	56119.72	56119.71875	56088.02857	56088.02734	505089.2	5408100.9
T8100.1	505089.2	5408100.9	5897.39990	326.11	0	48.825867	-86.930663	56126.24	56256.3	-6.29	56119.95	56119.94922	56087.42187	56087.42188	505089.2	5408100.9
T8100.1	505089.9	5408100.9	5897.50000	327.65	0	48.825867	-86.930653	56126.49	56256.3	-6.29	56120.20	56120.19922	56087.20908	56087.21094	505089.9	5408100.9
T8100.1	505089.9	5408100.9	5897.60010	328.11	0	48.825867	-86.930653	56126.96	56256.3	-6.29	56120.67	56120.67188	56091.65385	56091.65234	505089.9	5408100.9
T8100.1	505090.7	5408100.9	5897.70020	326.49	0	48.825868	-86.930642	56127.20	56256.3	-6.29	56120.92	56120.92188	56091.49643	56091.49609	505090.7	5408100.9
T8100.1	505091.3	5408100.9	5897.79981	329.40	0	48.825868	-86.930634	56127.37	56256.3	-6.28	56121.09	56121.08984	56089.61176	56089.61328	505091.3	5408100.9
T8100.1	505092.0	5408100.9	5897.89990	326.03	0	48.825868	-86.930624	56127.73	56256.3	-6.28	56121.45	56121.44922	56091.83249	56091.83203	505092.0	5408100.9
T8100.1	505092.0	5408100.9	5898.00000	324.74	0	48.825868	-86.930624	56128.12	56256.3	-6.28	56121.84	56121.83984	56094.72376	56094.72266	505092.0	5408100.9
T8100.1	505093.1	5408100.9	5898.10010	323.88	0	48.825868	-86.930609	56128.48	56256.3	-6.28	56122.20	56122.19922	56096.96632	56096.96484	505093.1	5408100.9
T8100.1	505093.1	5408100.9	5898.20020	324.48	0	48.825868	-86.930609	56128.73	56256.3	-6.28	56122.45	56122.44922	56096.80271	56096.80078	505093.1	5408100.9
T8100.1	505093.7	5408101.0	5898.29981	322.47	0	48.825868	-86.930601	56128.83	56256.3	-6.28	56122.55	56122.55078	56093.37383	56093.37500	505093.7	5408101.0
T8100.1	505094.6	5408101.0	5898.39990	322.79	0	48.825868	-86.930588	56129.37	56256.3	-6.28	56123.09	56123.08984	56099.43477	56099.43359	505094.6	5408101.0
T8100.1	505094.6	5408101.0	5898.50000	322.28	0	48.825868	-86.930588	56129.45	56256.3	-6.28	56123.17	56123.17188	56095.54121	56095.54297	505094.6	5408101.0
T8100.1	505095.3	5408101.0	5898.60010	320.76	0	48.825868	-86.930579	56130.00	56256.3	-6.28	56123.72	56123.71875	56101.67423	56101.67578	505095.3	5408101.0
T8100.1	505096.1	5408101.0	5898.70020	322.18	0	48.825868	-86.930568	56130.29	56256.3	-6.28	56124.01	56124.01172	56102.17795	56102.17969	505096.1	5408101.0
T8100.1	505096.9	5408101.0	5898.79981	322.96	0	48.825868	-86.930558	56130.46	56256.3	-6.28	56124.18	56124.17969	56100.08814	56100.08984	505096.9	5408101.0
T8100.1	505096.9	5408101.0	5898.89990	319.21	0	48.825868	-86.930558	56130.99	56256.3	-6.28	56124.71	56124.71094	56105.52470	56105.52344	505096.9	5408101.0
T8100.1	505097.8	5408101.0	5899.00000	320.87	0	48.825868	-86.930546	56131.29	56256.3	-6.28	56125.01	56125.01172	56106.03731	56106.03906	505097.8	5408101.0
T8100.1	505098.5	5408101.0	5899.10010	321.90	0	48.825868	-86.930535	56131.73	56256.3	-6.28	56125.45	56125.44922	56109.41880	56109.41797	505098.5	5408101.0
T8100.1	505098.5	5408101.0	5899.20020	321.13	0	48.825868	-86.930535	56132.03	56256.3	-6.28	56125.76	56125.76172	56110.00780	56110.00781	505098.5	5408101.0
T8100.1	505099.3	5408101.0	5899.29981	321.21	0	48.825868	-86.930524	56132.62	56256.3	-6.27	56126.34	56126.33984	56116.24515	56116.24609	505099.3	5408101.0
T8100.1	505100.2	5408101.0	5899.39990	321.49	0	48.825868	-86.930512	56132.86	56256.3	-6.27	56126.59	56126.58984	56115.48650	56115.48828	505100.2	5408101.0
T8100.1	505100.2	5408101.0	5899.50000	319.97	0	48.825868	-86.930512	56133.07	56256.3	-6.27	56126.80	56126.80078	56113.81586	56113.81641	505100.2	5408101.0
T8100.1	505101.1	5408101.0	5899.60010	320.89	0	48.825868	-86.930500	56133.32	56256.3	-6.27	56127.05	56127.05078	56112.94055	56112.94141	505101.1	5408101.0
T8100.1	505101.9	5408101.0	5899.70020	321.78	0	48.825868	-86.930489	56133.75	56256.3	-6.27	56127.48	56127.48047	56115.96554	56115.96484	505101.9	5408101.0
T8100.1	505101.9	5408101.0	5899.79981	322.76	0	48.825868	-86.930489	56133.95	56256.3	-6.26	56127.68	56127.67969	56113.92521	56113.92578	505101.9	5408101.0
T8100.1	505102.7	5408101.0	5899.89990	322.37	0	48.825868	-86.930478	56134.33	56256.3	-6.26	56128.07	56128.07031	56116.10579	56116.10547	505102.7	5408101.0
T8100.1	505103.6	5408101.0	5900.00000	320.34	0	48.825868	-86.930466	56134.69	56256.3	-6.26	56128.43	56128.42969	56117.65938	56117.66016	505103.6	5408101.0
T8100.1	505103.6	5408101.0	5900.10010	320.86	0	48.825868	-86.930466	56135.24	56256.3	-6.26	56128.98	56128.98047	56123.71037	56123.71094	505103.6	5408101.0
T8100.1	505104.6	5408101.0	5900.20020	321.39	0	48.825868	-86.930453	56135.57	56256.3	-6.26	56129.31	56129.30859	56124.75020	56124.75000	505104.6	5408101.0
T8100.1	505104.6	5408101.0	5900.29981	323.02	0	48.825868	-86.930453	56136.05	56256.3	-6.26	56129.78	56129.78125	56129.23922	56129.23828	505104.6	5408101.0
T8100.1	505105.7	5408101.0	5900.39990	332.32	0	48.825868	-86.930437	56136.22	56256.3	-6.26	56129.96	56129.96094	56127.57433	56127.57422	505105.7	5408101.0
T8100.1	505106.4	5408101.0	5900.50000	332.55	0	48.825868	-86.930428	56136.36	56256.3	-6.26	56130.09	56130.08984	56125.73298	56125.73438	505106.4	5408101.0
T8100.1	505106.4	5408101.0	5900.60010	331.19	0	48.825868	-86.930428	56136.96	56256.3	-6.27	56130.69	56130.69141	56132.83702	56132.83594	505106.4	5408101.0
T8100.1	505107.2	5408101.0	5900.70020	331.16	0	48.825868	-86.930417	56137.12	56256.3	-6.27	56130.85	56130.85156	56131.63770	56131.63672	505107.2	5408101.0
T8100.1	505108.3	5408101.0	5900.79981	332.71	0	48.825868	-86.930402	56137.54	56256.3	-6.27	56131.27	56131.26953	56135.56277	56135.56250	505108.3	5408101.0
T8100.1	505108.3	5408101.0	5900.89990	331.60	0	48.825868	-86.930402	56137.95	56256.3	-6.27	56131.68	56131.67969	56139.43221	56139.43359	505108.3	5408101.0
T8100.1	505109.0	5408100.9	5901.00000	329.68	0	48.825868	-86.930393	56138.03	56256.3	-6.27	56131.76	56131.76172	56136.69472	56136.69531	505109.0	5408100.9
T8100.1	505109.0	5408100.9	5901.10010	331.75	0	48.825868	-86.930393	56138.61	56256.3	-6.27	56132.34	56132.33984	56144.25861	56144.25781	505109.0	5408100.9
T8100.1	505109.9	5408100.9	5901.20020	333.43	0	48.825868	-86.930380	56138.60	56256.3	-6.27	56132.33	56132.32813	56139.65253	56139.65234	505109.9	5408100.9
T8100.1	505110.6	5408100.9	5901.29981	333.87	0	48.825868	-86.930371	56138.81	56256.3	-6.28	56132.53	56132.53125	56139.41376	56139.41406	505110.6	5408100.9

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
T8100.1	505111.3	5408100.9	5901.39990	334.01	0	48.825867	-86.930361	56139.07	56256.3	-6.28	56132.79	56132.78906	56140.48439	56140.48438	505111.3	5408100.9
T8100.1	505112.0	5408100.9	5901.50000	335.00	0	48.825867	-86.930352	56139.70	56256.3	-6.28	56133.42	56133.42188	56149.65242	56149.65234	505112.0	5408100.9
T8100.1	505112.0	5408100.9	5901.60010	335.26	0	48.825867	-86.930352	56139.92	56256.3	-6.28	56133.64	56133.64063	56150.02201	56150.02344	505112.0	5408100.9
T8100.1	505112.8	5408100.9	5901.70020	337.12	0	48.825867	-86.930341	56140.25	56256.3	-6.28	56133.97	56133.96875	56152.85672	56152.85547	505112.8	5408100.9
T8100.1	505113.7	5408100.8	5901.79981	336.82	0	48.825867	-86.930329	56140.36	56256.3	-6.29	56134.07	56134.07031	56150.62469	56150.62500	505113.7	5408100.8
T8100.1	505113.7	5408100.8	5901.89990	336.60	0	48.825867	-86.930329	56140.50	56256.3	-6.29	56134.22	56134.21875	56149.51031	56149.51172	505113.7	5408100.8
T8100.1	505114.4	5408100.8	5902.00000	334.07	0	48.825866	-86.930318	56140.95	56256.3	-6.29	56134.66	56134.66016	56154.97213	56154.97266	505114.4	5408100.8
T8100.1	505115.1	5408100.8	5902.10010	332.97	0	48.825866	-86.930309	56141.12	56256.3	-6.29	56134.83	56134.82813	56154.38456	56154.38281	505115.1	5408100.8
T8100.1	505115.1	5408100.8	5902.20020	333.90	0	48.825866	-86.930309	56141.66	56256.3	-6.29	56135.37	56135.37109	56162.27630	56162.27734	505115.1	5408100.8
T8100.1	505116.0	5408100.7	5902.29981	334.79	0	48.825866	-86.930297	56141.54	56256.3	-6.29	56135.25	56135.25000	56155.12958	56155.12891	505116.0	5408100.7
T8100.1	505116.8	5408100.7	5902.39990	335.87	0	48.825865	-86.930286	56141.76	56256.3	-6.29	56135.47	56135.46875	56155.79409	56155.79297	505116.8	5408100.7
T8100.1	505116.8	5408100.7	5902.50000	336.23	0	48.825865	-86.930286	56141.98	56256.3	-6.29	56135.69	56135.69141	56156.50584	56156.50391	505116.8	5408100.7
T8100.1	505117.5	5408100.6	5902.60010	336.54	0	48.825865	-86.930276	56142.20	56256.3	-6.29	56135.90	56135.89844	56157.03513	56157.03516	505117.5	5408100.6
T8100.1	505118.1	5408100.6	5902.70020	335.48	0	48.825864	-86.930269	56142.14	56256.3	-6.29	56135.85	56135.85156	56151.58642	56151.58594	505118.1	5408100.6
T8100.1	505118.1	5408100.6	5902.79981	334.76	0	48.825864	-86.930269	56142.38	56256.3	-6.29	56136.08	56136.07813	56152.67001	56152.67188	505118.1	5408100.6
T8100.1	505118.7	5408100.6	5902.89990	336.12	0	48.825864	-86.930260	56142.66	56256.3	-6.29	56136.37	56136.37109	56155.20536	56155.20703	505118.7	5408100.6
T8100.1	505118.7	5408100.6	5903.00000	338.23	0	48.825864	-86.930260	56142.78	56256.3	-6.29	56136.49	56136.48828	56153.84153	56153.83984	505118.7	5408100.6
T8100.1	505119.4	5408100.5	5903.10010	337.30	0	48.825864	-86.930251	56142.93	56256.3	-6.29	56136.64	56136.64063	56153.22894	56153.23047	505119.4	5408100.5
T8100.1	505120.0	5408100.5	5903.20020	338.65	0	48.825864	-86.930242	56143.04	56256.3	-6.30	56136.74	56136.73828	56151.50308	56151.50391	505120.0	5408100.5
T8100.1	505120.6	5408100.5	5903.29981	338.68	0	48.825863	-86.930234	56143.32	56256.3	-6.30	56137.02	56137.01953	56154.03770	56154.03906	505120.6	5408100.5
T8100.1	505120.6	5408100.5	5903.39990	338.24	0	48.825863	-86.930234	56143.52	56256.3	-6.30	56137.21	56137.21094	56154.52790	56154.52734	505120.6	5408100.5
T8100.1	505121.2	5408100.5	5903.50000	336.27	0	48.825863	-86.930226	56143.77	56256.3	-6.31	56137.46	56137.46094	56156.48093	56156.48047	505121.2	5408100.5
T8100.1	505121.2	5408100.5	5903.60010	335.65	0	48.825863	-86.930226	56143.76	56256.3	-6.31	56137.45	56137.44922	56152.40146	56152.40234	505121.2	5408100.5
T8100.1	505121.7	5408100.5	5903.70020	335.51	0	48.825863	-86.930219	56144.00	56256.3	-6.31	56137.68	56137.67969	56154.00062	56154.00000	505121.7	5408100.5
T8100.1	505122.3	5408100.4	5903.79981	334.56	0	48.825863	-86.930211	56143.92	56256.3	-6.31	56137.60	56137.60156	56148.38675	56148.38672	505122.3	5408100.4
T8100.1	505122.8	5408100.4	5903.89990	337.21	0	48.825863	-86.930204	56143.98	56256.3	-6.32	56137.67	56137.67188	56146.34491	56146.34375	505122.8	5408100.4
T8100.1	505122.8	5408100.4	5904.00000	336.29	0	48.825863	-86.930204	56144.18	56256.3	-6.32	56137.86	56137.85938	56147.17406	56147.17578	505122.8	5408100.4
T8100.1	505123.3	5408100.4	5904.10010	336.44	0	48.825862	-86.930198	56144.19	56256.3	-6.32	56137.87	56137.87109	56143.83722	56143.83594	505123.3	5408100.4
T8100.1	505123.3	5408100.4	5904.20020	336.54	0	48.825862	-86.930198	56144.38	56256.3	-6.32	56138.06	56138.05859	56144.77784	56144.77734	505123.3	5408100.4
T8100.1	505124.0	5408100.4	5904.29981	337.05	0	48.825862	-86.930189	56144.42	56256.3	-6.32	56138.10	56138.10156	56142.25896	56142.25781	505124.0	5408100.4
T8100.1	505124.0	5408100.4	5904.39990	337.38	0	48.825862	-86.930189	56144.66	56256.3	-6.32	56138.34	56138.33984	56144.47842	56144.47656	505124.0	5408100.4
T8100.1	505124.4	5408100.3	5904.50000	337.42	0	48.825862	-86.930183	56144.63	56256.3	-6.33	56138.30	56138.30078	56140.20511	56140.20703	505124.4	5408100.3
T8100.1	505124.8	5408100.3	5904.60010	337.22	0	48.825862	-86.930177	56144.88	56256.3	-6.33	56138.55	56138.55078	56142.76144	56142.76172	505124.8	5408100.3
T8100.1	505125.2	5408100.3	5904.70020	336.05	0	48.825862	-86.930172	56144.91	56256.3	-6.33	56138.58	56138.57813	56140.24115	56140.24219	505125.2	5408100.3
T8100.1	505125.2	5408100.3	5904.79981	335.03	0	48.825862	-86.930172	56144.98	56256.3	-6.33	56138.65	56138.64844	56138.71242	56138.71094	505125.2	5408100.3
T8100.1	505125.7	5408100.3	5904.89990	336.86	0	48.825861	-86.930165	56145.06	56256.3	-6.33	56138.73	56138.73047	56137.47390	56137.47266	505125.7	5408100.3
T8100.1	505125.7	5408100.3	5905.00000	337.33	0	48.825861	-86.930165	56145.23	56256.3	-6.33	56138.90	56138.89844	56138.37060	56138.37109	505125.7	5408100.3
T8100.1	505126.3	5408100.3	5905.10010	335.54	0	48.825861	-86.930156	56145.42	56256.3	-6.33	56139.08	56139.07813	56139.54123	56139.54297	505126.3	5408100.3
T8100.1	505126.3	5408100.3	5905.20020	334.83	0	48.825861	-86.930156	56145.59	56256.3	-6.34	56139.25	56139.25000	56140.52251	56140.52344	505126.3	5408100.3
T8100.1	505126.6	5408100.3	5905.29981	335.10	0	48.825861	-86.930152	56145.36	56256.3	-6.34	56139.02	56139.01953	56132.39017	56132.39063	505126.6	5408100.3
T8100.1	505126.6	5408100.3	5905.39990	335.82	0	48.825861	-86.930152	56145.36	56256.3	-6.34	56139.02	56139.01953	56129.59922	56129.59766	505126.6	5408100.3
T8100.1	505126.9	5408100.3	5905.50000	333.26	0	48.825861	-86.930148	56145.28	56256.3	-6.35	56138.94	56138.94141	56125.04742	56125.04688	505126.9	5408100.3
T8100.1	505127.2	5408100.3	5905.60010	331.54	0	48.825861	-86.930144	56145.28	56256.3	-6.35	56138.93	56138.92969	56122.14835	56122.14844	505127.2	5408100.3
T8100.1	505127.2	5408100.3	5905.70020	331.31	0	48.825861	-86.930144	56145.43	56256.4	-6.35	56139.08	56139.07813	56122.91894	56122.91797	505127.2	5408100.3
T8100.1	505127.4	5408100.3	5905.79981	328.92	0	48.825861	-86.930141	56145.29	56256.4	-6.35	56138.94	56138.94141	56117.17212	56117.17188	505127.4	5408100.3
T8100.1	505127.4	5408100.3	5905.89990	329.60	0	48.825861	-86.930141	56145.34	56256.4	-6.36	56138.98	56138.98047	56115.53015	56115.53125	505127.4	5408100.3
T8100.1	505127.8	5408100.3	5906.00000	329.80	0	48.825862	-86.930136	56145.28	56256.4	-6.36	56138.92	56138.92188	56111.66593	56111.66406	505127.8	5408100.3
T8100.1	505128.0	5408100.3	5906.10010	332.49	0	48.825862	-86.930134	56145.21	56256.4	-6.36	56138.85	56138.85156	56107.60262	56107.60156	505128.0	5408100.3
T8100.1	505128.3	5408100.4	5906.20020	333.89	0	48.825862	-86.930130	56145.51	56256.4	-6.36	56139.15	56139.14844	56111.87067	56111.87109	505128.3	5408100.4
T8100.1	505128.3	5408100.4	5906.29981	335.57	0	48.825862	-86.930130	56145.54	56256.4	-6.36	56139.18	56139.17969	56110.08374	56110.08203	505128.3	5408100.4
T8100.1	505128.4	5408100.4	5906.39990	334.41	0	48.825863	-86.930128	56145.69	56256.4	-6.36	56139.33	56139.32813	56111.00571	56111.00391	505128.4	5408100.4
T8100.1	505128.5	5408100.4	5906.50000	332.22	0	48.825863	-86.930126	56145.64	56256.4	-6.36	56139.28	56139.28125	56107.43764	56107.43750	505128.5	5408100.4
T8100.1	505128.7	5408100.5	5906.60010	329.44	0	48.825863	-86.930124	56145.69	56256.4	-6.36	56139.33	56139.32813	56106.12308	56106.12500	505128.7	5408100.5
T8100.1	505128.7	5408100.5	5906.70020	331.02	0	48.825863	-86.930124	56145.64	56256.4	-6.36	56139.28	56139.28125	56102.55343	56102.55469	505128.7	5408100.5
T8100.1	505128.8	5408100.5	5906.79981	334.53	0	48.825863	-86.930122	56146.04	56256.4	-6.36	56139.68	56139.67969	56109.16139	56109.16016	505128.8	5408100.5
T8100.1	505128.8	5408100.5	5906.89990	335.90	0	48.825863	-86.930122	56145.96	56256.4	-6.36	56139.60	56139.60156	56104.91935	56104.91797	505128.8	5408100.5
T8100.1	505128.9	5408100.5	5907.00000	336.40	0	48.825864	-86.930121	56146.45	56256.4	-6.36	56140.09	56140.08984	56113.62586	56113.62500	505128.9	5408100.5
T8100.1	505129.1	5408100.6	5907.10010	336.13	0	48.825864	-86.930119	56146.78	56256.4	-6.36	56140.41	56140.41016	56118.51021	56118.51172	505129.1	5408100.6
T8100.1	505129.1	5408100.6	5907.20020	334.57	0	48.825864	-86.930119	56147.05	56256.4	-6.37	56140.68	56140.67969	56122.28660	56122.28516	505129.1	5408100.6
T8100.1	505129.2	5408100.6	5907.29981	335.02	0	48.825864	-86.930117	56146.96	56256.4	-6.37	56140.59	56140.58984	56117.84707	56117.84766	505129.2	5408100.6
T8100.1	505129.2	5408100.6	5907.39990	335.71	0	48.825864	-86.930117	56146.74	56256.4	-6.37	56140.37	56140.37109	56110.41669	56110.41797	505129.2	5408100.6
T8100.1	505129.4	5408100.6	5907.50000	333.50	0	48.825864	-86.930114	56146.53	56256.4	-6.38	56140.15	56140.14844	56102.96862	56102.96875	505129.4	5408100.6
T8100.1	505129.6	5408100.6	5907.60010	336.44	0	48.825864	-86.930112	56146.55	56256.4	-6.38	56140.17	56140.17188	56101.02824	56101.02734	505129.6	5408100.6
T8100.1	505129.8	5408100.6	5907.70020	338.04	0	48.825865	-86.930109	56146.68	56256.4	-6.38	56140.30	56140.30078	56101.62273	56101.62109	505129.8	5408100.6
T8100.1	505129.8	5408100.6	5907.79981	338.34	0	48.825865	-86.930109	56146.74	56256.4	-6.38	56140.36	56140.35938	56100.60400	56100.60547	505129.8	5408100.6
T8100.1	505130.3	5408100.7	5907.89990	338.43	0	48.825865	-86.930102	56146.83	56256.4	-6.39	56140.45	56140.44922	56100.27513	56100.27344	505130.3	5408100.7
T8100.1	505130.3	5408100.7	5908.00000	337.77	0	48.825865	-86.930102	56146.87	56256.4	-6.39	56140.48	56140.48047	56098.55437	56098.55469	505130.3	5408100.7
T8100.1	505130.3	5408100.7	5908.10010	338.22	0	48.825865	-86.930102	56147.04	56256.4	-6.39	56140.65	56140.64844	56100.06619	56100.06641	505130.3	5408100.7
T8100.1	505130.7	5408100.7	5908.20020	335.50	0	48.825865	-86.930097	56146.96	56256.4	-6.39	56140.57	56140.57031	56095.77592	56095.77734	505130.7	5408100.7
T8100.1	505131.0	5408100.7	5908.29981	333.45	0	48.825866	-86.930093	56146.79	56256.4	-6.38	56140.41	56140.41016	56089.60679	56089.60547	505131.0	5408100.7
T8100.1	505131.3	5408100.8	5908.39990	333.88	0	48.825866	-86.930088	56146.75	56256.4	-6.38	56140.37	56140.37109	56086.19414	56086.19531	505131.3	5408100.8
T8100.1	505131.3	5408100.8	5908.50000	333.70	0	48.825866	-86.930088	56146.63	56256.4	-6.38	56140.25	56140.25000	56080.89279	56080.89453	505131.3	5408100.8
T8100.1	505131.7	5408100.8	5908.60010	333.28	0	48.825866	-86.930083	56146.82	56256.4	-6.38	56140.44	56140.44141	56082.76838	56082.76953	505131.7	5408100.8
T8100.1	505132.0	5408100.9	5908.70020	334.23	0	48.825867	-86.930079	56146.81	56256.4	-6.38	56140.43	56140.42969	56079.95707	56079.95703	505132.0	5408100.9
T8100.1	505132.4	5408100.9	5908.79981	321.92	0	48.825867	-86.930074	56147.13	56256.4	-6.37	56140.75	56140.75000	56084.80238	56084.80078	505132.4	5408100.9
T8100.1	505132.4	5408100.9	5908.89990	321.49	0	48.825867	-86.930074	56147.08	56256.4	-6.37	56140.71	56140.71094	56081.21191	56081.21094	505132.4	5408100.9
T8100.1	505132.8	5408100.9	5909.00000	334.81	0	48.825867	-86.930068	56147.28	56256.4	-6.37	56140.91	56140.91016	56083.18700	56083.18750	505132.8	5408100.9
T8100.1	505132.8	5408100.9	5909.10010	336.74	0	48.825867	-86.930068	56147.49	56256.4	-6.37	56141.12	56141.12109	56085.36060	56085.35938	505132.8	5408100.9
T8100.1	505133.3	5408100.9	5909.20020	337.43	0	48.825867	-86.930062	56147.56	56256.4	-6.37	56141.19	56141.19141	56084.20757	56084.20703	505133.3	5408100.9
T8100.1	505133.3	5408100.9	5909.29981	336.15	0	48.825867	-86.930062	56147.61	56256.4	-6.37	56141.24	56141.23828	56082.53542	56082.53516	505133.3	5408100.9
T8100.1	505133.7	5408100.9	5909.39990	336.64	0	48.825867	-86.930056	56147.59	56256.4	-6.37	56141.23	56141.23047	56079.39910	56079.39844	505133.7	5408100.9
T8100.1	505134.2	5408100.9	5909.50000	335.61	0	48.825867	-86.930049	56147.81	56256.4	-6.37	56141.45	56141.44922	56081.65532	56081.65625	505134.2	5408100.9
T8100.1	505134.6	5408100.9	5909.60010	336.64	0	48.825867	-86.930044	56147.61	56256.4	-6.36	56141.24	56141.23828	56073.68987	56073.69141	505134.6	5408100.9
T8100.1	505134.6	5408100.9	5909.70020	337.21	0	48.825867	-86.930044	56148.00	56256.4	-6.36	56141.63	56141.62891	56079.92221	56079.92188	505134.6	5408100.9
T8100.1	505135.1	5408100.9	5909.79981	337.63	0	48.825867	-86.930037	56148.22	56256.4	-6.36	56141.86	56141.85938	56082.34174	56082.33984	505135.1	5408100.9
T8100.1	505135.6	5408100.9	5909.89990	337.64	0	48.825867	-86.930030	56148.27	56256.4	-6.36	56141.91	56141.91016	56080.45524	56080.45703	505135.6	5408100.9
T8100.1	505135.6	5408100.9	5910.00000	340.09	0	48.825867	-86.930030	56148.27	56256.4	-6.36	56141.91	56141.91016	56077.35348	56077.35156	505135.6	5408100.9
T8100.1	505136.2	5408100.9	5910.10010	341.19	0	48.825867	-86.930022	56148.63	56256.4	-6.36	56142.26	56142.26172	56082.58769	56082.58594	505136.2	5408100.9
T8100.1	505136.2	5408100.9	5910.20020	340.92	0	48.825867	-86.930022	56149.03	56256.4	-6.37	56142.66	56142.66016	56089.00709	56089.00781	505136.2	5408100.9
T8100.1	505137.0	5408100.9	5910.29981	333.18	0	48.825867	-86.930011	56149.16	56256.4	-6.37	56142.79	56142.78906	56088.98423	56088.98438	505137.0	5408100.9
T8100.1	505137.0	5408100.9	5910.39990	334.38	0	48.825867	-86.930011	56149.28	56256.4	-6.37	56142.91	56142.91016	56088.72828	56088.72656	505137.0	5408100.9
T8100.1	505137.5	5408100.9	5910.50000	333.60	0	48.825867	-86.930004	56149.32	56256.4	-6.38	56142.95	56142.94922	56086.58347	56086.58203	505137.5	5408100.9
T8100.1	505137.5	5408100.9	5910.60010	333.83	0	48.825867	-86.930004	56149.41	56256.4	-6.38	56143.03	56143.03125	56085.39822	56085.39844	505137.5	5408100.9

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
T8100.1	505138.1	5408100.9	5910.70020	338.95	0	48.825867	-86.929995	56149.66	56256.4	-6.38	56143.28	56143.28125	56088.20671	56088.20703	505138.1	5408100.9
T8100.1	505138.7	5408101.0	5910.79981	338.61	0	48.825868	-86.929988	56150.04	56256.4	-6.38	56143.65	56143.64844	56093.77022	56093.76953	505138.7	5408101.0
T8100.1	505139.3	5408101.0	5910.89990	339.35	0	48.825868	-86.929979	56149.99	56256.4	-6.39	56143.60	56143.60156	56089.51569	56089.51563	505139.3	5408101.0
T8100.1	505140.0	5408101.0	5911.00000	337.36	0	48.825868	-86.929971	56150.11	56256.4	-6.39	56143.72	56143.71875	56089.20343	56089.20313	505140.0	5408101.0
T8100.1	505140.0	5408101.0	5911.10010	338.71	0	48.825868	-86.929971	56150.12	56256.4	-6.39	56143.73	56143.73047	56086.35230	56086.35156	505140.0	5408101.0
T8100.1	505140.6	5408101.0	5911.20020	337.48	0	48.825868	-86.929961	56150.46	56256.4	-6.39	56144.08	56144.07813	56091.20967	56091.21094	505140.6	5408101.0
T8100.1	505140.6	5408101.0	5911.29981	328.90	0	48.825868	-86.929961	56150.59	56256.4	-6.38	56144.21	56144.21094	56090.99850	56091.00000	505140.6	5408101.0
T8100.1	505141.4	5408101.1	5911.39990	329.50	0	48.825868	-86.929951	56150.95	56256.4	-6.38	56144.56	56144.55859	56095.64507	56095.64453	505141.4	5408101.1
T8100.1	505142.1	5408101.1	5911.50000	328.73	0	48.825868	-86.929942	56151.36	56256.4	-6.38	56144.98	56144.98047	56101.71097	56101.71094	505142.1	5408101.1
T8100.1	505142.1	5408101.1	5911.60010	330.95	0	48.825868	-86.929942	56151.37	56256.4	-6.38	56144.99	56144.98828	56098.61003	56098.60938	505142.1	5408101.1
T8100.1	505142.8	5408101.1	5911.70020	331.12	0	48.825869	-86.929932	56151.64	56256.4	-6.38	56145.27	56145.26953	56101.37676	56101.37500	505142.8	5408101.1
T8100.1	505143.4	5408101.1	5911.79981	331.62	0	48.825869	-86.929924	56151.68	56256.4	-6.37	56145.30	56145.30078	56098.61123	56098.60938	505143.4	5408101.1
T8100.1	505143.4	5408101.1	5911.89990	331.54	0	48.825869	-86.929924	56151.98	56256.4	-6.37	56145.61	56145.60938	56101.83779	56101.83594	505143.4	5408101.1
T8100.1	505144.2	5408101.1	5912.00000	329.71	0	48.825869	-86.929913	56152.39	56256.4	-6.37	56146.02	56146.01953	56107.08951	56107.08984	505144.2	5408101.1
T8100.1	505145.0	5408101.1	5912.10010	331.36	0	48.825869	-86.929902	56152.60	56256.4	-6.37	56146.23	56146.23047	56107.93992	56107.94141	505145.0	5408101.1
T8100.1	505145.0	5408101.1	5912.20020	330.03	0	48.825869	-86.929902	56152.51	56256.4	-6.37	56146.15	56146.14844	56102.54058	56102.53906	505145.0	5408101.1
T8100.1	505145.7	5408101.1	5912.29981	330.42	0	48.825869	-86.929892	56152.86	56256.4	-6.36	56146.49	56146.48828	56105.97778	56105.97656	505145.7	5408101.1
T8100.1	505146.4	5408101.1	5912.39990	330.60	0	48.825869	-86.929883	56153.32	56256.4	-6.36	56146.96	56146.96094	56112.04633	56112.04688	505146.4	5408101.1
T8100.1	505146.4	5408101.1	5912.50000	330.37	0	48.825869	-86.929883	56153.50	56256.4	-6.36	56147.14	56147.14063	56111.89408	56111.89453	505146.4	5408101.1
T8100.1	505147.3	5408101.1	5912.60010	331.20	0	48.825869	-86.929870	56153.69	56256.4	-6.36	56147.33	56147.32813	56111.86568	56111.86719	505147.3	5408101.1
T8100.1	505148.1	5408101.1	5912.70020	332.46	0	48.825869	-86.929859	56153.93	56256.4	-6.36	56147.58	56147.57813	56113.01238	56113.01172	505148.1	5408101.1
T8100.1	505148.9	5408101.1	5912.79981	333.25	0	48.825869	-86.929849	56154.29	56256.4	-6.35	56147.93	56147.92969	56116.17510	56116.17578	505148.9	5408101.1
T8100.1	505149.6	5408101.1	5912.89990	332.29	0	48.825869	-86.929839	56154.54	56256.4	-6.35	56148.19	56148.19141	56117.36615	56117.36719	505149.6	5408101.1
T8100.1	505149.6	5408101.1	5913.00000	330.42	0	48.825869	-86.929839	56154.85	56256.3	-6.35	56148.50	56148.50000	56119.53452	56119.53516	505149.6	5408101.1
T8100.1	505150.3	5408101.1	5913.10010	330.02	0	48.825869	-86.929830	56154.81	56256.3	-6.35	56148.46	56148.46094	56114.24306	56114.24219	505150.3	5408101.1
T8100.1	505151.2	5408101.1	5913.20020	331.22	0	48.825869	-86.929817	56155.05	56256.3	-6.35	56148.70	56148.69922	56114.77936	56114.78125	505151.2	5408101.1
T8100.1	505152.3	5408101.1	5913.29981	332.13	0	48.825869	-86.929803	56155.33	56256.3	-6.35	56148.98	56148.98047	56116.09817	56116.09766	505152.3	5408101.1
T8100.1	505152.3	5408101.1	5913.39990	332.76	0	48.825869	-86.929803	56155.39	56256.3	-6.35	56149.05	56149.05078	56112.88660	56112.88672	505152.3	5408101.1
T8100.1	505153.3	5408101.1	5913.50000	332.49	0	48.825869	-86.929788	56155.61	56256.3	-6.35	56149.26	56149.26172	56112.58297	56112.58203	505153.3	5408101.1
T8100.1	505154.2	5408101.1	5913.60010	336.74	0	48.825869	-86.929776	56155.54	56256.3	-6.34	56149.19	56149.19141	56106.21395	56106.21484	505154.2	5408101.1
T8100.1	505154.2	5408101.1	5913.70020	335.62	0	48.825869	-86.929776	56156.13	56256.3	-6.34	56149.79	56149.78906	56114.14986	56114.14844	505154.2	5408101.1
T8100.1	505155.2	5408101.1	5913.79981	330.47	0	48.825868	-86.929762	56156.36	56256.3	-6.34	56150.02	56150.01953	56114.09564	56114.09375	505155.2	5408101.1
T8100.1	505156.2	5408101.1	5913.89990	327.85	0	48.825868	-86.929750	56157.10	56256.3	-6.34	56150.76	56150.76172	56125.02176	56125.02344	505156.2	5408101.1
T8100.1	505156.2	5408101.1	5914.00000	333.12	0	48.825868	-86.929750	56157.22	56256.3	-6.34	56150.88	56150.87891	56122.49506	56122.49609	505156.2	5408101.1
T8100.1	505157.2	5408101.1	5914.10010	333.15	0	48.825868	-86.929735	56157.88	56256.3	-6.34	56151.54	56151.53906	56131.66260	56131.66406	505157.2	5408101.1
T8100.1	505157.2	5408101.1	5914.20020	332.30	0	48.825868	-86.929735	56158.06	56256.3	-6.34	56151.72	56151.71875	56130.33748	56130.33594	505157.2	5408101.1
T8100.1	505158.5	5408101.1	5914.29981	333.62	0	48.825868	-86.929718	56158.43	56256.3	-6.35	56152.08	56152.07813	56132.89798	56132.89844	505158.5	5408101.1
T8100.1	505159.3	5408101.1	5914.39990	333.70	0	48.825868	-86.929707	56158.59	56256.3	-6.35	56152.25	56152.25000	56131.23956	56131.23828	505159.3	5408101.1
T8100.1	505160.4	5408101.1	5914.50000	334.71	0	48.825868	-86.929692	56158.58	56256.3	-6.35	56152.23	56152.23047	56125.32522	56125.32422	505160.4	5408101.1
T8100.1	505161.5	5408101.1	5914.60010	335.27	0	48.825868	-86.929677	56159.05	56256.4	-6.35	56152.70	56152.69922	56130.18077	56130.17969	505161.5	5408101.1
T8100.1	505161.5	5408101.1	5914.70020	335.72	0	48.825868	-86.929677	56159.32	56256.4	-6.35	56152.97	56152.96875	56130.57870	56130.57813	505161.5	5408101.1
T8100.1	505163.0	5408101.1	5914.79981	334.63	0	48.825868	-86.929657	56159.73	56256.4	-6.36	56153.37	56153.37109	56133.82752	56133.82813	505163.0	5408101.1
T8100.1	505164.0	5408101.1	5914.89990	321.58	0	48.825868	-86.929643	56159.78	56256.4	-6.36	56153.42	56153.42188	56129.26374	56129.26563	505164.0	5408101.1
T8100.1	505164.0	5408101.1	5915.00000	319.11	0	48.825868	-86.929643	56160.18	56256.4	-6.36	56153.82	56153.82031	56132.45025	56132.44922	505164.0	5408101.1
T8100.1	505165.0	5408101.1	5915.10010	333.56	0	48.825868	-86.929630	56160.41	56256.4	-6.36	56154.05	56154.05078	56131.82894	56131.82813	505165.0	5408101.1
T8100.1	505165.8	5408101.1	5915.20020	334.42	0	48.825868	-86.929618	56160.92	56256.4	-6.36	56154.56	56154.55859	56137.39090	56137.39063	505165.8	5408101.1
T8100.1	505165.8	5408101.1	5915.29981	334.07	0	48.825868	-86.929618	56160.98	56256.4	-6.35	56154.63	56154.62891	56133.17731	56133.17578	505165.8	5408101.1
T8100.1	505167.1	5408101.1	5915.39990	334.48	0	48.825868	-86.929601	56161.15	56256.4	-6.35	56154.80	56154.80078	56131.17599	56131.17578	505167.1	5408101.1
T8100.1	505168.0	5408101.1	5915.50000	335.89	0	48.825868	-86.929588	56161.34	56256.3	-6.35	56154.99	56154.98828	56129.61878	56129.61719	505168.0	5408101.1
T8100.1	505169.2	5408101.1	5915.60010	336.82	0	48.825868	-86.929572	56161.45	56256.3	-6.35	56155.11	56155.10938	56126.55351	56126.55469	505169.2	5408101.1
T8100.1	505169.2	5408101.1	5915.70020	336.91	0	48.825868	-86.929572	56161.97	56256.3	-6.35	56155.63	56155.62891	56132.14588	56132.14453	505169.2	5408101.1
T8100.1	505170.2	5408101.1	5915.79981	336.49	0	48.825868	-86.929558	56162.19	56256.3	-6.34	56155.84	56155.83984	56131.01874	56131.01953	505170.2	5408101.1
T8100.1	505171.5	5408101.1	5915.89990	339.49	0	48.825868	-86.929540	56162.68	56256.3	-6.34	56156.34	56156.33984	56136.03084	56136.03125	505171.5	5408101.1
T8100.1	505172.7	5408101.1	5916.00000	339.57	0	48.825868	-86.929525	56162.79	56256.3	-6.34	56156.45	56156.44922	56132.78156	56132.78125	505172.7	5408101.1
T8100.1	505172.7	5408101.1	5916.10010	339.18	0	48.825868	-86.929525	56163.22	56256.3	-6.34	56156.88	56156.87891	56136.19896	56136.19922	505172.7	5408101.1
T8100.1	505174.1	5408101.1	5916.20020	336.52	0	48.825868	-86.929506	56163.38	56256.3	-6.34	56157.04	56157.03906	56134.02017	56134.01953	505174.1	5408101.1
T8100.1	505174.1	5408101.1	5916.29981	324.91	0	48.825868	-86.929506	56163.70	56256.3	-6.34	56157.36	56157.35938	56135.09768	56135.09766	505174.1	5408101.1
T8100.1	505175.5	5408101.1	5916.39990	326.74	0	48.825868	-86.929486	56163.83	56256.3	-6.34	56157.49	56157.48828	56132.36283	56132.36328	505175.5	5408101.1
T8100.1	505176.6	5408101.1	5916.50000	328.70	0	48.825869	-86.929472	56164.10	56256.3	-6.34	56157.76	56157.76172	56132.41971	56132.41797	505176.6	5408101.1
T8100.1	505177.8	5408101.1	5916.60010	328.55	0	48.825869	-86.929454	56164.41	56256.3	-6.34	56158.07	56158.07031	56133.22356	56133.22266	505177.8	5408101.1
T8100.1	505177.8	5408101.1	5916.70020	325.70	0	48.825869	-86.929454	56164.66	56256.3	-6.34	56158.32	56158.32031	56132.83159	56132.83203	505177.8	5408101.1
T8100.1	505178.9	5408101.1	5916.79981	324.91	0	48.825869	-86.929440	56164.96	56256.3	-6.34	56158.62	56158.62109	56133.34821	56133.34766	505178.9	5408101.1
T8100.1	505178.9	5408101.1	5916.89990	324.61	0	48.825869	-86.929440	56165.20	56256.3	-6.34	56158.86	56158.85938	56132.68708	56132.68750	505178.9	5408101.1
T8100.1	505180.3	5408101.2	5917.00000	323.51	0	48.825869	-86.929420	56165.54	56256.3	-6.34	56159.20	56159.19922	56132.26970	56132.26953	505180.3	5408101.2
T8100.1	505181.4	5408101.2	5917.10010	325.32	0	48.825869	-86.929406	56165.82	56256.3	-6.34	56159.49	56159.48828	56132.58995	56132.58984	505181.4	5408101.2
T8100.1	505181.4	5408101.2	5917.20020	325.36	0	48.825869	-86.929406	56166.16	56256.3	-6.34	56159.82	56159.82031	56133.78746	56133.78906	505181.4	5408101.2
T8100.1	505182.6	5408101.2	5917.29981	325.65	0	48.825869	-86.929390	56166.32	56256.3	-6.33	56159.99	56159.98828	56131.00559	56131.00391	505182.6	5408101.2
T8100.1	505184.0	5408101.2	5917.39990	325.86	0	48.825870	-86.929371	56166.58	56256.3	-6.33	56160.25	56160.25000	56130.30215	56130.30078	505184.0	5408101.2
T8100.1	505185.3	5408101.3	5917.50000	326.04	0	48.825870	-86.929353	56166.86	56256.3	-6.33	56160.53	56160.53125	56129.96970	56129.96875	505185.3	5408101.3
T8100.1	505186.4	5408101.3	5917.60010	327.43	0	48.825870	-86.929338	56167.21	56256.3	-6.33	56160.88	56160.87891	56131.22439	56131.22266	505186.4	5408101.3
T8100.1	505186.4	5408101.3	5917.70020	325.25	0	48.825870	-86.929338	56167.78	56256.3	-6.33	56161.45	56161.44922	56137.77561	56137.77734	505186.4	5408101.3
T8100.1	505186.4	5408101.3	5917.79981	323.95	0	48.825870	-86.929338	56167.74	56256.3	-6.32	56161.42	56161.42188	56130.36499	56130.36328	505186.4	5408101.3
T8100.1	505187.8	5408101.3	5917.89990	323.46	0	48.825871	-86.929318	56168.00	56256.3	-6.32	56161.67	56161.67188	56128.96190	56128.96094	505187.8	5408101.3
T8100.1	505189.0	5408101.4	5918.00000	324.99	0	48.825871	-86.929303	56167.97	56256.3	-6.32	56161.65	56161.64844	56122.34618	56122.34766	505189.0	5408101.4
T8100.1	505190.0	5408101.4	5918.10010	326.76	0	48.825871	-86.929288	56168.48	56256.3	-6.32	56162.16	56162.16016	56125.64652	56125.64844	505190.0	5408101.4
T8100.1	505191.5	5408101.4	5918.20020	326.44	0	48.825871	-86.929268	56168.86	56256.3	-6.31	56162.55	56162.55078	56126.65065	56126.65234	505191.5	5408101.4
T8100.1	505191.5	5408101.4	5918.29981	327.98	0	48.825871	-86.929268	56169.29	56256.3	-6.31	56162.98	56162.98047	56128.42756	56128.42578	505191.5	5408101.4
T8100.1	505192.6	5408101.4	5918.39990	337.85	0	48.825871	-86.929254	56169.42	56256.3	-6.30	56163.11	56163.10938	56124.23711	56124.23828	505192.6	5408101.4
T8100.1	505192.6	5408101.4	5918.50000	338.74	0	48.825871	-86.929254	56170.27	56256.3	-6.30	56163.97	56163.96875	56134.66585	56134.66406	505192.6	5408101.4
T8100.1	505194.3	5408101.4	5918.60010	339.38	0	48.825871	-86.929231	56170.28	56256.3	-6.30	56163.98	56163.98047	56127.94888	56127.94922	505194.3	5408101.4
T8100.1	505195.5	5408101.4	5918.70020	339.04	0	48.825871	-86.929214	56170.78	56256.3	-6.29	56164.49	56164.48828	56131.42071	56131.42188	505195.5	5408101.4
T8100.1	505195.5	5408101.4	5918.79981	338.37	0	48.825871	-86.929214	56170.81	56256.3	-6.29	56164.52	56164.51953	56124.89857	56124.89844	505195.5	5408101.4
T8100.1	505196.9	5408101.5	5918.89990	336.13	0	48.825871	-86.929195	56170.86	56256.3	-6.28	56164.57	56164.57031	56118.65601	56118.65625	505196.9	5408101.5
T8100.1	505198.3	5408101.5	5919.00000	333.69	0	48.825871	-86.929176	56171.12	56256.3	-6.28	56164.84	56164.83984	56117.01408	56117.01563	505198.3	5408101.5
T8100.1	505199.7	5408101.5	5919.10010	332.74	0	48.825872	-86.929157	56171.46	56256.3	-6.28	56165.18	56165.17969	56116.87811	56116.87891	505199.7	5408101.5
T8100.1	505199.7	5408101.5	5919.20020	331.45	0	48.825872	-86.929157	56171.63	56256.3	-6.28	56165.35	56165.35156	56113.05870	56113.05859	505199.7	5408101.5
T8100.1	505200.9	5408101.5	5919.29981	333.14	0	48.825872	-86.929141	56172.25	56256.3	-6.28	56165.97	56165.96875	56119.08867	56119.08984	505200.9	5408101.5
T8100.1	505202.3	5408101.5	5919.39990	333.78	0	48.825871	-86.929122	56172.61	56256.3	-6.28	56166.32	56166.32031	56119.26138	56119.26172	505202.3	5408101.5
T8100.1	505202.3	5408101.5	5919.50000	332.10	0	48.825871	-86.929122	56173.06	56256.3	-6.29	56166.77	56166.76953	56121.68118	56121.67969	505202.3	5408101.5
T8100.1	505203.6	5408101.4	5919.60010	332.72	0	48.825871	-86.929104	56173.29	56256.3	-6.29	56167.01	56167.01172	56119.47764	56119.47656	505203.6	5408101.4
T8100.1	505204.9	5408101.4	5919.70020	333.46	0	48.825871	-86.929085	56173.71	56256.3	-6.29	56167.43	56167.42969	56121.29522	56121.29688	505204.9	5408101.4
T8100.1	505204.9	5408101.4	5919.79981	334.67	0	48.825871	-86.929085	56174.20	56256.3	-6.29	56167.91	56167.91016	56124.47386	56124.47266	505204.9	5408101.4
T8100.1	505206.3	5408101.4	5919.89990	334.94	0	48.825871	-86.929067	56174.96	56256.3	-6.29	56168.67	56168.67188	56133.91361	56133.91406	505206.3	5408101.4

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
T8100.1	505207.7	5408101.4	5920.00000	333.53	0	48.825871	-86.929047	56175.45	56256.3	-6.29	56169.16	56169.16016	56137.32970	56137.32813	505207.7	5408101.4
T8100.1	505207.7	5408101.4	5920.10010	334.94	0	48.825871	-86.929047	56175.67	56256.3	-6.29	56169.38	56169.37891	56134.72116	56134.72266	505207.7	5408101.4
T8100.1	505208.9	5408101.4	5920.20020	334.54	0	48.825871	-86.929031	56175.76	56256.3	-6.29	56169.47	56169.46875	56129.21951	56129.21875	505208.9	5408101.4
T8100.1	505210.1	5408101.4	5920.29981	336.39	0	48.825871	-86.929014	56176.07	56256.3	-6.29	56169.78	56169.78125	56128.60179	56128.60156	505210.1	5408101.4
T8100.1	505210.1	5408101.4	5920.39990	337.99	0	48.825871	-86.929014	56176.62	56256.3	-6.29	56170.33	56170.32813	56133.27902	56133.27734	505210.1	5408101.4
T8100.1	505212.3	5408101.4	5920.50000	337.16	0	48.825871	-86.928984	56176.77	56256.3	-6.29	56170.48	56170.48047	56129.08493	56129.08594	505212.3	5408101.4
T8100.1	505213.2	5408101.4	5920.60010	335.58	0	48.825871	-86.928973	56177.28	56256.3	-6.29	56170.99	56170.98828	56132.81714	56132.81641	505213.2	5408101.4
T8100.1	505214.7	5408101.4	5920.70020	335.42	0	48.825871	-86.928953	56177.59	56256.3	-6.29	56171.30	56171.30078	56132.11359	56132.11328	505214.7	5408101.4
T8100.1	505214.7	5408101.4	5920.79981	333.24	0	48.825871	-86.928953	56177.87	56256.3	-6.29	56171.58	56171.57813	56130.72797	56130.72656	505214.7	5408101.4
T8100.1	505216.1	5408101.4	5920.89990	332.94	0	48.825871	-86.928933	56178.36	56256.3	-6.29	56172.07	56172.07031	56133.90369	56133.90234	505216.1	5408101.4
T8100.1	505217.5	5408101.4	5921.00000	332.42	0	48.825871	-86.928915	56178.75	56256.3	-6.29	56172.46	56172.46094	56134.85263	56134.85156	505217.5	5408101.4
T8100.1	505217.5	5408101.4	5921.10010	333.73	0	48.825871	-86.928915	56179.23	56256.3	-6.29	56172.94	56172.94141	56137.71883	56137.71875	505217.5	5408101.4
T8100.1	505219.0	5408101.4	5921.20020	333.21	0	48.825871	-86.928894	56179.76	56256.3	-6.28	56173.47	56173.46875	56141.62029	56141.62109	505219.0	5408101.4
T8100.1	505220.4	5408101.4	5921.29981	333.20	0	48.825871	-86.928875	56179.66	56256.3	-6.28	56173.38	56173.37891	56132.06582	56132.06641	505220.4	5408101.4
T8100.1	505220.4	5408101.4	5921.39990	327.68	0	48.825871	-86.928875	56180.16	56256.3	-6.28	56173.89	56173.89063	56135.46027	56135.46094	505220.4	5408101.4
T8100.1	505221.9	5408101.4	5921.50000	328.38	0	48.825871	-86.928855	56180.42	56256.3	-6.28	56174.14	56174.14063	56133.20634	56133.20703	505221.9	5408101.4
T8100.1	505223.1	5408101.4	5921.60010	335.22	0	48.825871	-86.928837	56180.70	56256.3	-6.27	56174.43	56174.42969	56131.78208	56131.78125	505223.1	5408101.4
T8100.1	505223.1	5408101.4	5921.70020	333.19	0	48.825871	-86.928837	56181.16	56256.3	-6.27	56174.89	56174.89063	56133.97076	56133.97266	505223.1	5408101.4
T8100.1	505224.4	5408101.4	5921.79981	332.03	0	48.825871	-86.928821	56181.68	56256.3	-6.27	56175.41	56175.41016	56137.39809	56137.39844	505224.4	5408101.4
T8100.1	505226.1	5408101.4	5921.89990	332.62	0	48.825871	-86.928797	56182.06	56256.3	-6.26	56175.80	56175.80078	56137.99469	56137.99609	505226.1	5408101.4
T8100.1	505227.1	5408101.4	5922.00000	332.23	0	48.825871	-86.928784	56182.27	56256.3	-6.26	56176.01	56176.01172	56134.70318	56134.70313	505227.1	5408101.4
T8100.1	505227.1	5408101.4	5922.10010	331.28	0	48.825871	-86.928784	56182.96	56256.3	-6.26	56176.70	56176.69922	56141.62335	56141.62500	505227.1	5408101.4
T8100.1	505228.5	5408101.4	5922.20020	330.70	0	48.825871	-86.928764	56183.51	56256.3	-6.26	56177.25	56177.25000	56145.50475	56145.50391	505228.5	5408101.4
T8100.1	505228.5	5408101.4	5922.29981	331.89	0	48.825871	-86.928764	56183.68	56256.3	-6.25	56177.43	56177.42969	56141.45376	56141.45313	505228.5	5408101.4
T8100.1	505230.3	5408101.4	5922.39990	332.19	0	48.825871	-86.928740	56183.94	56256.3	-6.25	56177.69	56177.69141	56139.07005	56139.07031	505230.3	5408101.4
T8100.1	505231.6	5408101.4	5922.50000	332.41	0	48.825870	-86.928723	56184.26	56256.3	-6.25	56178.01	56178.01172	56137.92368	56137.92188	505231.6	5408101.4
T8100.1	505232.8	5408101.4	5922.60010	333.05	0	48.825870	-86.928705	56184.70	56256.2	-6.25	56178.45	56178.44922	56139.28832	56139.28906	505232.8	5408101.4
T8100.1	505232.8	5408101.4	5922.70020	333.63	0	48.825870	-86.928705	56184.99	56256.2	-6.25	56178.75	56178.75000	56137.62447	56137.62500	505232.8	5408101.4
T8100.1	505234.7	5408101.3	5922.79981	332.81	0	48.825870	-86.928680	56185.42	56256.2	-6.24	56179.18	56179.17969	56138.68057	56138.67969	505234.7	5408101.3
T8100.1	505236.3	5408101.3	5922.89990	335.29	0	48.825870	-86.928658	56185.91	56256.2	-6.24	56179.66	56179.66016	56140.75133	56140.75000	505236.3	5408101.3
T8100.1	505236.3	5408101.3	5923.00000	335.06	0	48.825870	-86.928658	56186.36	56256.2	-6.24	56180.12	56180.12109	56142.34450	56142.34375	505236.3	5408101.3
T8100.1	505237.7	5408101.3	5923.10010	337.28	0	48.825870	-86.928639	56186.86	56256.2	-6.24	56180.62	56180.62109	56144.74131	56144.74219	505237.7	5408101.3
T8100.1	505238.9	5408101.3	5923.20020	337.41	0	48.825870	-86.928623	56187.25	56256.2	-6.25	56181.01	56181.01172	56144.73433	56144.73438	505238.9	5408101.3
T8100.1	505238.9	5408101.3	5923.29981	335.18	0	48.825870	-86.928623	56187.65	56256.2	-6.25	56181.40	56181.39844	56144.67184	56144.67188	505238.9	5408101.3
T8100.1	505240.2	5408101.3	5923.39990	333.52	0	48.825870	-86.928605	56187.90	56256.3	-6.25	56181.65	56181.64844	56141.54108	56141.54297	505240.2	5408101.3
T8100.1	505242.0	5408101.3	5923.50000	332.25	0	48.825870	-86.928581	56188.09	56256.3	-6.25	56181.84	56181.83984	56137.04429	56137.04297	505242.0	5408101.3
T8100.1	505243.4	5408101.4	5923.60010	331.30	0	48.825870	-86.928561	56188.69	56256.3	-6.26	56182.43	56182.42969	56141.12970	56141.12891	505243.4	5408101.4
T8100.1	505244.8	5408101.4	5923.70020	332.40	0	48.825870	-86.928542	56189.21	56256.3	-6.26	56182.95	56182.94922	56143.66701	56143.66797	505244.8	5408101.4
T8100.1	505244.8	5408101.4	5923.79981	331.26	0	48.825870	-86.928542	56189.73	56256.3	-6.26	56183.47	56183.46875	56146.16806	56146.16797	505244.8	5408101.4
T8100.1	505246.6	5408101.4	5923.89990	332.99	0	48.825870	-86.928518	56190.23	56256.3	-6.27	56183.96	56183.96094	56147.97832	56147.97656	505246.6	5408101.4
T8100.1	505246.6	5408101.4	5924.00000	332.81	0	48.825870	-86.928518	56190.85	56256.3	-6.27	56184.58	56184.57813	56152.60806	56152.60938	505246.6	5408101.4
T8100.1	505248.2	5408101.4	5924.10010	332.96	0	48.825871	-86.928496	56191.32	56256.3	-6.27	56185.05	56185.05078	56153.91614	56153.91797	505248.2	5408101.4
T8100.1	505249.6	5408101.4	5924.20020	332.32	0	48.825871	-86.928477	56191.73	56256.3	-6.26	56185.46	56185.46094	56153.85750	56153.85938	505249.6	5408101.4
T8100.1	505249.6	5408101.4	5924.29981	334.46	0	48.825871	-86.928477	56191.93	56256.3	-6.26	56185.67	56185.67188	56149.30323	56149.30469	505249.6	5408101.4
T8100.1	505251.3	5408101.4	5924.39990	335.55	0	48.825871	-86.928454	56192.22	56256.3	-6.26	56185.96	56185.96094	56146.45545	56146.45703	505251.3	5408101.4
T8100.1	505252.8	5408101.4	5924.50000	334.54	0	48.825871	-86.928433	56192.89	56256.3	-6.25	56186.64	56186.64063	56152.28949	56152.28906	505252.8	5408101.4
T8100.1	505252.8	5408101.4	5924.60010	334.87	0	48.825871	-86.928433	56192.91	56256.3	-6.25	56186.65	56186.64844	56143.05525	56143.05469	505252.8	5408101.4
T8100.1	505254.7	5408101.5	5924.70020	335.66	0	48.825871	-86.928407	56193.81	56256.2	-6.25	56187.56	56187.55859	56154.03919	56154.03906	505254.7	5408101.5
T8100.1	505254.7	5408101.5	5924.79981	337.00	0	48.825871	-86.928407	56194.09	56256.2	-6.25	56187.84	56187.83984	56150.79817	56150.79688	505254.7	5408101.5
T8100.1	505256.8	5408101.5	5924.89990	337.26	0	48.825871	-86.928379	56194.82	56256.2	-6.24	56188.57	56188.57031	56157.71808	56157.71875	505256.8	5408101.5
T8100.1	505256.8	5408101.5	5925.00000	336.27	0	48.825871	-86.928379	56195.45	56256.2	-6.24	56189.21	56189.21094	56162.59057	56162.58984	505256.8	5408101.5
T8100.1	505258.3	5408101.5	5925.10010	334.93	0	48.825871	-86.928359	56195.96	56256.2	-6.24	56189.72	56189.71875	56164.49008	56164.48828	505258.3	5408101.5
T8100.1	505258.3	5408101.5	5925.20020	335.90	0	48.825871	-86.928359	56196.20	56256.2	-6.24	56189.96	56189.96094	56160.22124	56160.22266	505258.3	5408101.5
T8100.1	505260.1	5408101.5	5925.29981	335.50	0	48.825872	-86.928334	56196.76	56256.2	-6.24	56190.52	56190.51953	56163.20704	56163.20703	505260.1	5408101.5
T8100.1	505261.4	5408101.5	5925.39990	336.55	0	48.825872	-86.928316	56197.06	56256.2	-6.24	56190.82	56190.82031	56160.25766	56160.25781	505261.4	5408101.5
T8100.1	505262.7	5408101.5	5925.50000	337.26	0	48.825872	-86.928298	56197.19	56256.2	-6.24	56190.95	56190.94922	56153.44130	56153.44141	505262.7	5408101.5
T8100.1	505262.7	5408101.5	5925.60010	333.73	0	48.825872	-86.928298	56197.82	56256.2	-6.24	56191.58	56191.57813	56157.94728	56157.94922	505262.7	5408101.5
T8100.1	505264.3	5408101.5	5925.70020	333.98	0	48.825872	-86.928276	56198.18	56256.2	-6.24	56191.94	56191.94141	56156.32015	56156.32031	505264.3	5408101.5
T8100.1	505265.6	5408101.6	5925.79981	333.92	0	48.825872	-86.928258	56198.88	56256.2	-6.24	56192.64	56192.64063	56162.31785	56162.31641	505265.6	5408101.6
T8100.1	505266.8	5408101.6	5925.89990	333.32	0	48.825872	-86.928242	56199.31	56256.2	-6.24	56193.07	56193.07031	56162.19841	56162.19922	505266.8	5408101.6
T8100.1	505266.8	5408101.6	5926.00000	333.92	0	48.825872	-86.928242	56200.02	56256.2	-6.24	56193.78	56193.78125	56168.28204	56168.28125	505266.8	5408101.6
T8100.1	505268.1	5408101.6	5926.10010	333.65	0	48.825872	-86.928224	56200.30	56256.2	-6.24	56194.06	56194.05859	56164.73594	56164.73438	505268.1	5408101.6
T8100.1	505269.7	5408101.6	5926.20020	334.56	0	48.825872	-86.928203	56200.84	56256.2	-6.24	56194.59	56194.58984	56166.69687	56166.69531	505269.7	5408101.6
T8100.1	505271.3	5408101.6	5926.29981	335.42	0	48.825872	-86.928180	56201.18	56256.2	-6.25	56194.93	56194.92969	56164.41163	56164.41016	505271.3	5408101.6
T8100.1	505273.1	5408101.6	5926.39990	332.32	0	48.825872	-86.928156	56201.29	56256.2	-6.25	56195.04	56195.03906	56157.04315	56157.04297	505273.1	5408101.6
T8100.1	505273.1	5408101.6	5926.50000	332.64	0	48.825872	-86.928156	56201.99	56256.3	-6.25	56195.74	56195.73828	56162.56554	56162.56641	505273.1	5408101.6
T8100.1	505274.4	5408101.6	5926.60010	334.24	0	48.825872	-86.928139	56202.40	56256.3	-6.25	56196.15	56196.14844	56161.66681	56161.66797	505274.4	5408101.6
T8100.1	505274.4	5408101.6	5926.70020	323.23	0	48.825872	-86.928139	56203.12	56256.3	-6.25	56196.87	56196.87109	56167.46172	56167.46094	505274.4	5408101.6
T8100.1	505275.8	5408101.6	5926.79981	322.58	0	48.825872	-86.928120	56203.66	56256.3	-6.26	56197.40	56197.39844	56169.03711	56169.03516	505275.8	5408101.6
T8100.1	505277.1	5408101.6	5926.89990	322.11	0	48.825872	-86.928101	56203.87	56256.3	-6.26	56197.61	56197.60938	56163.56570	56163.56641	505277.1	5408101.6
T8100.1	505278.7	5408101.6	5927.00000	322.58	0	48.825872	-86.928080	56204.49	56256.3	-6.26	56198.23	56198.23047	56166.95819	56166.95703	505278.7	5408101.6
T8100.1	505278.7	5408101.6	5927.10010	323.52	0	48.825872	-86.928080	56204.98	56256.3	-6.26	56198.73	56198.73047	56167.66318	56167.66406	505278.7	5408101.6
T8100.1	505280.8	5408101.6	5927.20020	333.00	0	48.825872	-86.928052	56205.48	56256.3	-6.25	56199.23	56199.23047	56168.30070	56168.30078	505280.8	5408101.6
T8100.1	505282.5	5408101.7	5927.29981	331.56	0	48.825873	-86.928028	56205.82	56256.3	-6.25	56199.56	56199.55859	56165.12699	56165.12891	505282.5	5408101.7
T8100.1	505282.5	5408101.7	5927.39990	332.03	0	48.825873	-86.928028	56206.45	56256.2	-6.25	56200.20	56200.19922	56168.72233	56168.72266	505282.5	5408101.7
T8100.1	505284.3	5408101.7	5927.50000	332.76	0	48.825873	-86.928004	56206.94	56256.2	-6.25	56200.70	56200.69922	56169.17438	56169.17578	505284.3	5408101.7
T8100.1	505285.9	5408101.7	5927.60010	332.31	0	48.825873	-86.927982	56207.50	56256.2	-6.24	56201.26	56201.26172	56170.91566	56170.91406	505285.9	5408101.7
T8100.1	505285.9	5408101.7	5927.70020	332.27	0	48.825873	-86.927982	56207.95	56256.2	-6.24	56201.71	56201.71094	56170.14691	56170.14844	505285.9	5408101.7
T8100.1	505287.4	5408101.7	5927.79981	335.82	0	48.825873	-86.927961	56208.42	56256.2	-6.24	56202.18	56202.17969	56169.77202	56169.77344	505287.4	5408101.7
T8100.1	505287.4	5408101.7	5927.89990	336.64	0	48.825873	-86.927961	56208.90	56256.2	-6.23	56202.67	56202.67188	56169.80420	56169.80469	505287.4	5408101.7
T8100.1	505289.2	5408101.7	5928.00000	336.73	0	48.825873	-86.927938	56209.65	56256.2	-6.23	56203.42	56203.42188	56175.75368	56175.75391	505289.2	5408101.7
T8100.1	505290.4	5408101.7	5928.10010	338.32	0	48.825873	-86.927921	56210.27	56256.2	-6.23	56204.04	56204.03906	56178.74067	56178.74219	505290.4	5408101.7
T8100.1	505290.4	5408101.7	5928.20020	338.38	0	48.825873	-86.927921	56210.64	56256.2	-6.23	56204.41	56204.41016	56175.94161	56175.94141	505290.4	5408101.7
T8100.1	505292.3	5408101.7	5928.29981	337.13	0	48.825872	-86.927896	56210.92	56256.2	-6.24	56204.68	56204.67969	56170.76958	56170.76953	505292.3	5408101.7
T8100.1	505293.7	5408101.6	5928.39990	336.91	0	48.825872	-86.927876	56211.56	56256.2	-6.24	56205.32	56205.32031	56174.17239	56174.17188	505293.7	5408101.6
T8100.1	505293.7	5408101.6	5928.50000	337.31	0	48.825872	-86.927876	56212.29	56256.2	-6.24	56206.05	56206.05078	56179.68644	56179.68750	505293.7	5408101.6
T8100.1	505295.3	5408101.6	5928.60010	337.87	0	48.825872	-86.927854	56212.98	56256.2	-6.24	56206.74	56206.73828	56184.27238	56184.27344	505295.3	5408101.6
T8100.1	505297.2	5408101.6	5928.70020	336.25	0	48.825872	-86.927828	56213.70	56256.2	-6.24	56207.46	56207.46094	56189.55501	56189.55469	505297.2	5408101.6
T8100.1	505297.2	5408101.6	5928.79981	337.17	0	48.825872	-86.927828	56214.19	56256.2	-6.25	56207.94	56207.94141	56189.20049	56189.19922	505297.2	5408101.6
T8100.1	505298.9	5408101.6	5928.89990	337.52	0	48.825872	-86.927805	56214.67	56256.2	-6.25	56208.42	56208.42188	56188.82890	56188.82813	505298.9	5408101.6
T8100.1	505300.3	5408101.6	5929.00000	335.79	0	48.825872	-86.927786	56214.90	56256.3	-6.25	56208.65	56208.64844	56182.61005	56182.60938	505300.3	5408101.6
T8100.1	505300.3	5408101.6	5929.10010	337.31	0	48.825872	-86.927786	56215.72	56256.2	-6.25	56209.47	56209.46875	56190.13208	56190.13281	505300.3	5408101.6
T8100.1	505301.8	5408101.6	5929.20020	336.76	0	48.825872	-86.927766	56215.79	56256.2	-6.25	56209.54	56209.53906	56180.20892	56180.20703	505301.8	5408101.6

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
T8100.1	505303.4	5408101.6	5929.29981	336.69	0	48.825872	-86.927744	56216.59	56256.2	-6.25	56210.34	56210.33984	56187.19565	56187.19531	505303.4	5408101.6
T8100.1	505303.4	5408101.6	5929.39990	336.56	0	48.825872	-86.927744	56216.51	56256.2	-6.25	56210.27	56210.26953	56174.12838	56174.12891	505303.4	5408101.6
T8100.1	505305.3	5408101.5	5929.50000	336.77	0	48.825871	-86.927718	56217.38	56256.2	-6.24	56211.13	56211.12891	56182.42552	56182.42578	505305.3	5408101.5
T8100.1	505307.0	5408101.5	5929.60010	335.93	0	48.825871	-86.927695	56217.32	56256.2	-6.24	56211.08	56211.07813	56169.95308	56169.95313	505307.0	5408101.5
T8100.1	505307.0	5408101.5	5929.70020	334.72	0	48.825871	-86.927695	56218.04	56256.2	-6.24	56211.79	56211.78906	56174.77164	56174.77344	505307.0	5408101.5
T8100.1	505308.8	5408101.5	5929.79981	333.53	0	48.825871	-86.927670	56218.50	56256.2	-6.24	56212.26	56212.26172	56174.13254	56174.13281	505308.8	5408101.5
T8100.1	505308.8	5408101.5	5929.89990	334.08	0	48.825871	-86.927670	56219.42	56256.2	-6.24	56213.18	56213.17969	56183.51180	56183.51172	505308.8	5408101.5
T8100.1	505311.1	5408101.4	5930.00000	331.74	0	48.825871	-86.927639	56219.95	56256.2	-6.24	56213.71	56213.71094	56184.10931	56184.10938	505311.1	5408101.4
T8100.1	505312.4	5408101.4	5930.10010	332.44	0	48.825870	-86.927622	56220.28	56256.2	-6.24	56214.04	56214.03906	56180.26458	56180.26563	505312.4	5408101.4
T8100.1	505314.1	5408101.4	5930.20020	331.51	0	48.825870	-86.927599	56221.02	56256.2	-6.24	56214.78	56214.78125	56185.40859	56185.41016	505314.1	5408101.4
T8100.1	505314.1	5408101.4	5930.29981	331.97	0	48.825870	-86.927599	56221.13	56256.2	-6.23	56214.89	56214.89063	56176.73169	56176.73047	505314.1	5408101.4
T8100.1	505315.7	5408101.4	5930.39990	333.28	0	48.825870	-86.927577	56221.95	56256.2	-6.23	56215.71	56215.71094	56183.49595	56183.49609	505315.7	5408101.4
T8100.1	505315.7	5408101.4	5930.50000	334.24	0	48.825870	-86.927577	56222.13	56256.2	-6.23	56215.90	56215.89844	56176.53909	56176.53906	505315.7	5408101.4
T8100.1	505317.4	5408101.4	5930.60010	333.63	0	48.825870	-86.927553	56222.79	56256.2	-6.23	56216.56	56216.55859	56179.70945	56179.71094	505317.4	5408101.4
T8100.1	505318.9	5408101.4	5930.70020	335.35	0	48.825870	-86.927532	56222.86	56256.2	-6.23	56216.64	56216.64063	56170.33838	56170.33984	505318.9	5408101.4
T8100.1	505320.2	5408101.4	5930.79981	335.48	0	48.825870	-86.927515	56223.40	56256.2	-6.22	56217.17	56217.17188	56170.61555	56170.61719	505320.2	5408101.4
T8100.1	505321.6	5408101.4	5930.89990	337.50	0	48.825870	-86.927495	56224.21	56256.2	-6.22	56217.99	56217.98828	56177.06450	56177.06641	505321.6	5408101.4
T8100.1	505321.6	5408101.4	5931.00000	329.33	0	48.825870	-86.927495	56224.38	56256.2	-6.22	56218.15	56218.14844	56169.31015	56169.30859	505321.6	5408101.4
T8100.1	505323.4	5408101.4	5931.10010	328.66	0	48.825870	-86.927471	56225.33	56256.2	-6.22	56219.11	56219.10938	56178.66587	56178.66406	505323.4	5408101.4
T8100.1	505324.9	5408101.4	5931.20020	338.45	0	48.825870	-86.927451	56226.06	56256.2	-6.22	56219.84	56219.83984	56183.05150	56183.05078	505324.9	5408101.4
T8100.1	505324.9	5408101.4	5931.29981	329.41	0	48.825870	-86.927451	56226.91	56256.2	-6.22	56220.69	56220.69141	56189.97834	56189.97656	505324.9	5408101.4
T8100.1	505326.2	5408101.4	5931.39990	330.03	0	48.825869	-86.927433	56227.12	56256.2	-6.22	56220.90	56220.89844	56183.15607	56183.15625	505326.2	5408101.4
T8100.1	505327.8	5408101.3	5931.50000	329.26	0	48.825869	-86.927411	56227.89	56256.2	-6.22	56221.67	56221.67188	56188.31844	56188.32031	505327.8	5408101.3
T8100.1	505327.8	5408101.3	5931.60010	329.33	0	48.825869	-86.927411	56228.22	56256.2	-6.22	56222.00	56222.00000	56184.01314	56184.01172	505327.8	5408101.3
T8100.1	505329.7	5408101.3	5931.70020	337.31	0	48.825869	-86.927386	56228.73	56256.2	-6.22	56222.51	56222.51172	56183.54567	56183.54688	505329.7	5408101.3
T8100.1	505330.8	5408101.3	5931.79981	337.49	0	48.825869	-86.927370	56229.39	56256.2	-6.22	56223.17	56223.17188	56186.27748	56186.27734	505330.8	5408101.3
T8100.1	505332.4	5408101.3	5931.89990	336.90	0	48.825869	-86.927349	56230.12	56256.2	-6.22	56223.90	56223.89844	56190.49248	56190.49219	505332.4	5408101.3
T8100.1	505332.4	5408101.3	5932.00000	331.14	0	48.825869	-86.927349	56230.86	56256.2	-6.22	56224.64	56224.64063	56194.90582	56194.90625	505332.4	5408101.3
T8100.1	505334.1	5408101.3	5932.10010	330.26	0	48.825869	-86.927326	56231.31	56256.2	-6.22	56225.10	56225.10156	56193.27296	56193.27344	505334.1	5408101.3
T8100.1	505334.1	5408101.3	5932.20020	334.35	0	48.825869	-86.927326	56231.87	56256.2	-6.21	56225.65	56225.64844	56193.56008	56193.55859	505334.1	5408101.3
T8100.1	505336.2	5408101.3	5932.29981	333.16	0	48.825868	-86.927297	56232.61	56256.2	-6.21	56226.40	56226.39844	56198.14450	56198.14453	505336.2	5408101.3
T8100.1	505337.7	5408101.2	5932.39990	332.00	0	48.825868	-86.927277	56233.18	56256.2	-6.20	56226.98	56226.98047	56199.05070	56199.05078	505337.7	5408101.2
T8100.1	505337.7	5408101.2	5932.50000	332.37	0	48.825868	-86.927277	56233.86	56256.2	-6.20	56227.66	56227.66016	56202.10113	56202.10156	505337.7	5408101.2
T8100.1	505339.1	5408101.2	5932.60010	330.65	0	48.825868	-86.927258	56234.32	56256.2	-6.20	56228.12	56228.12109	56200.39514	56200.39453	505339.1	5408101.2
T8100.1	505340.8	5408101.2	5932.70020	332.68	0	48.825868	-86.927234	56234.87	56256.2	-6.19	56228.67	56228.67188	56200.62038	56200.62109	505340.8	5408101.2
T8100.1	505342.5	5408101.2	5932.79981	334.70	0	48.825868	-86.927212	56235.44	56256.2	-6.19	56229.25	56229.25000	56201.48339	56201.48438	505342.5	5408101.2
T8100.1	505342.5	5408101.2	5932.89990	334.11	0	48.825868	-86.927212	56235.90	56256.2	-6.18	56229.71	56229.71094	56199.75754	56199.75781	505342.5	5408101.2
T8100.1	505344.4	5408101.2	5933.00000	324.80	0	48.825868	-86.927185	56236.62	56256.2	-6.18	56230.44	56230.44141	56203.81461	56203.81641	505344.4	5408101.2
T8100.1	505346.1	5408101.2	5933.10010	323.52	0	48.825868	-86.927163	56237.13	56256.2	-6.18	56230.95	56230.94922	56203.13363	56203.13281	505346.1	5408101.2
T8100.1	505346.1	5408101.2	5933.20020	333.12	0	48.825868	-86.927163	56237.61	56256.2	-6.18	56231.43	56231.42969	56201.79543	56201.79688	505346.1	5408101.2
T8100.1	505347.5	5408101.1	5933.29981	332.65	0	48.825867	-86.927143	56237.88	56256.2	-6.19	56231.69	56231.69141	56195.74714	56195.74609	505347.5	5408101.1
T8100.1	505347.5	5408101.1	5933.39990	331.97	0	48.825867	-86.927143	56238.58	56256.2	-6.19	56232.39	56232.39063	56199.05656	56199.05469	505347.5	5408101.1
T8100.1	505350.0	5408101.1	5933.50000	333.82	0	48.825867	-86.927109	56239.25	56256.2	-6.19	56233.06	56233.05859	56201.68692	56201.68750	505350.0	5408101.1
T8100.1	505351.0	5408101.1	5933.60010	332.39	0	48.825867	-86.927095	56239.96	56256.2	-6.19	56233.77	56233.76953	56205.13003	56205.12891	505351.0	5408101.1
T8100.1	505351.0	5408101.1	5933.70020	333.09	0	48.825867	-86.927095	56240.95	56256.2	-6.19	56234.76	56234.76172	56214.49170	56214.49219	505351.0	5408101.1
T8100.1	505353.2	5408101.0	5933.79981	331.50	0	48.825866	-86.927066	56241.52	56256.2	-6.20	56235.33	56235.32813	56214.89295	56214.89453	505353.2	5408101.0
T8100.1	505355.1	5408101.0	5933.89990	331.04	0	48.825866	-86.927040	56242.38	56256.2	-6.20	56236.18	56236.17969	56221.22608	56221.22656	505355.1	5408101.0
T8100.1	505355.1	5408101.0	5934.00000	329.70	0	48.825866	-86.927040	56242.34	56256.2	-6.20	56236.14	56236.14063	56208.57542	56208.57422	505355.1	5408101.0
T8100.1	505356.3	5408100.9	5934.10010	330.02	0	48.825865	-86.927023	56243.02	56256.2	-6.20	56236.83	56236.82813	56211.44325	56211.44141	505356.3	5408100.9
T8100.1	505358.0	5408100.9	5934.20020	331.71	0	48.825865	-86.927000	56243.56	56256.2	-6.20	56237.36	56237.35938	56210.87056	56210.87109	505358.0	5408100.9
T8100.1	505359.6	5408100.9	5934.29981	321.36	0	48.825865	-86.926978	56244.16	56256.2	-6.19	56237.96	56237.96094	56211.76613	56211.76563	505359.6	5408100.9
T8100.1	505359.6	5408100.9	5934.39990	321.28	0	48.825865	-86.926978	56245.09	56256.2	-6.19	56238.90	56238.89844	56219.93533	56219.93359	505359.6	5408100.9
T8100.1	505361.1	5408100.8	5934.50000	333.92	0	48.825864	-86.926958	56245.50	56256.2	-6.19	56239.31	56239.30859	56216.71288	56216.71094	505361.1	5408100.8
T8100.1	505362.5	5408100.8	5934.60010	332.55	0	48.825864	-86.926939	56246.49	56256.2	-6.19	56240.30	56240.30078	56225.95536	56225.95703	505362.5	5408100.8
T8100.1	505364.2	5408100.8	5934.70020	332.53	0	48.825864	-86.926916	56246.70	56256.2	-6.19	56240.51	56240.51172	56218.36098	56218.35938	505364.2	5408100.8
T8100.1	505364.2	5408100.8	5934.79981	331.69	0	48.825864	-86.926916	56247.59	56256.2	-6.18	56241.41	56241.41016	56225.65203	56225.65234	505364.2	5408100.8
T8100.1	505365.6	5408100.8	5934.89990	332.58	0	48.825864	-86.926896	56247.89	56256.2	-6.18	56241.71	56241.71094	56219.92834	56219.92969	505365.6	5408100.8
T8100.1	505367.1	5408100.7	5935.00000	335.19	0	48.825864	-86.926876	56248.59	56256.2	-6.18	56242.41	56242.41016	56222.86014	56222.85938	505367.1	5408100.7
T8100.1	505367.1	5408100.7	5935.10010	335.90	0	48.825864	-86.926876	56249.12	56256.2	-6.18	56242.94	56242.94141	56222.08087	56222.08203	505367.1	5408100.7
T8100.1	505368.9	5408100.7	5935.20020	335.83	0	48.825864	-86.926851	56249.66	56256.2	-6.18	56243.48	56243.48047	56221.50082	56221.50000	505368.9	5408100.7
T8100.1	505370.7	5408100.7	5935.29981	337.24	0	48.825863	-86.926827	56250.32	56256.2	-6.19	56244.13	56244.12891	56223.30734	56223.30859	505370.7	5408100.7
T8100.1	505372.2	5408100.7	5935.39990	336.04	0	48.825863	-86.926807	56251.19	56256.2	-6.19	56245.00	56245.00000	56229.91203	56229.91016	505372.2	5408100.7
T8100.1	505372.2	5408100.7	5935.50000	334.17	0	48.825863	-86.926807	56251.89	56256.2	-6.19	56245.70	56245.69922	56232.79035	56232.78906	505372.2	5408100.7
T8100.1	505374.1	5408100.7	5935.60010	334.40	0	48.825863	-86.926780	56252.21	56256.2	-6.19	56246.02	56246.01953	56227.34847	56227.34766	505374.1	5408100.7
T8100.1	505375.7	5408100.7	5935.70020	324.35	0	48.825863	-86.926759	56252.77	56256.2	-6.19	56246.57	56246.57031	56226.92541	56226.92578	505375.7	5408100.7
T8100.1	505375.7	5408100.7	5935.79981	324.67	0	48.825863	-86.926759	56253.21	56256.2	-6.20	56247.02	56247.01953	56224.31659	56224.31641	505375.7	5408100.7
T8100.1	505377.1	5408100.7	5935.89990	332.00	0	48.825863	-86.926740	56253.86	56256.2	-6.20	56247.66	56247.66016	56225.84486	56225.84375	505377.1	5408100.7
T8100.1	505378.8	5408100.7	5936.00000	332.21	0	48.825863	-86.926716	56254.57	56256.2	-6.20	56248.37	56248.37109	56228.87795	56228.87891	505378.8	5408100.7
T8100.1	505378.8	5408100.7	5936.10010	332.20	0	48.825863	-86.926716	56255.20	56256.2	-6.20	56248.99	56248.98828	56229.94056	56229.94141	505378.8	5408100.7
T8100.1	505380.8	5408100.7	5936.20020	331.96	0	48.825863	-86.926689	56255.63	56256.2	-6.20	56249.43	56249.42969	56227.11276	56227.11328	505380.8	5408100.7
T8100.1	505382.5	5408100.8	5936.29981	332.75	0	48.825864	-86.926666	56256.53	56256.2	-6.21	56250.32	56250.32031	56233.94476	56233.94531	505382.5	5408100.8
T8100.1	505382.5	5408100.8	5936.39990	332.83	0	48.825864	-86.926666	56257.39	56256.2	-6.21	56251.18	56251.17969	56240.06436	56240.06250	505382.5	5408100.8
T8100.1	505383.7	5408100.8	5936.50000	332.60	0	48.825864	-86.926650	56257.67	56256.2	-6.21	56251.46	56251.46094	56233.79776	56233.79688	505383.7	5408100.8
T8100.1	505385.4	5408100.8	5936.60010	333.22	0	48.825864	-86.926626	56258.68	56256.2	-6.21	56252.46	56252.46094	56242.79027	56242.78906	505385.4	5408100.8
T8100.1	505387.2	5408100.8	5936.70020	332.19	0	48.825864	-86.926602	56258.92	56256.2	-6.21	56252.70	56252.69922	56235.69699	56235.69531	505387.2	5408100.8
T8100.1	505387.2	5408100.8	5936.79981	333.69	0	48.825864	-86.926602	56259.87	56256.2	-6.22	56253.65	56253.64844	56243.51488	56243.51563	505387.2	5408100.8
T8100.1	505388.5	5408100.8	5936.89990	333.89	0	48.825864	-86.926584	56259.77	56256.2	-6.22	56253.55	56253.55078	56229.35239	56229.35156	505388.5	5408100.8
T8100.1	505390.2	5408100.9	5937.00000	334.80	0	48.825865	-86.926561	56260.45	56256.2	-6.22	56254.23	56254.23047	56231.47724	56231.47656	505390.2	5408100.9
T8100.1	505390.2	5408100.9	5937.10010	335.64	0	48.825865	-86.926561	56260.92	56256.2	-6.22	56254.70	56254.69922	56229.20970	56229.21094	505390.2	5408100.9
T8100.1	505392.3	5408100.9	5937.20020	326.10	0	48.825865	-86.926533	56261.90	56256.2	-6.22	56255.68	56255.67969	56237.45603	56237.45703	505392.3	5408100.9
T8100.1	505392.3	5408100.9	5937.29981	325.72	0	48.825865	-86.926533	56262.60	56256.2	-6.22	56256.38	56256.37891	56239.86099	56239.85938	505392.3	5408100.9
T8100.1	505393.9	5408100.9	5937.39990	326.48	0	48.825865	-86.926511	56263.06	56256.2	-6.22	56256.84	56256.83984	56237.28143	56237.28125	505393.9	5408100.9
T8100.1	505395.5	5408100.9	5937.50000	323.99	0	48.825865	-86.926489	56263.70	56256.2	-6.21	56257.48	56257.48047	56238.37599	56238.37500	505395.5	5408100.9
T8100.1	505397.1	5408100.9	5937.60010	333.82	0	48.825865	-86.926467	56264.01	56256.2	-6.21	56257.79	56257.78906	56232.63239	56232.63281	505397.1	5408100.9
T8100.1	505398.8	5408100.9	5937.70020	331.95	0	48.825865	-86.926444	56264.64	56256.2	-6.21	56258.42	56258.42188	56233.44439	56233.44531	505398.8	5408100.9
T8100.1	505398.8	5408100.9	5937.79981	333.57	0	48.825865	-86.926444	56265.16	56256.2	-6.21	56258.94	56258.94141	56231.94774	56231.94922	505398.8	5408100.9
T8100.1	505400.6	5408100.9	5937.89990	324.45	0	48.825865	-86.926419	56265.89	56256.2	-6.21	56259.68	56259.67969	56234.97277	56234.97266	505400.6	5408100.9
T8100.1	505401.8	5408100.9	5938.00000	323.97	0	48.825865	-86.926403	56266.63	56256.2	-6.21	56260.42	56260.42188	56237.98214	56237.98047	505401.8	5408100.9
T8100.1	505401.8	5408100.9	5938.10010	334.95	0	48.825865	-86.926403	56267.48	56256.2	-6.21	56261.26	56261.26172	56243.06640	56243.06641	505401.8	5408100.9
T8100.1	505403.7	5408100.9	5938.20020	324.88	0	48.825865	-86.926377	56268.12	56256.2	-6.21	56261.90	56261.89844	56243.97123	56243.97266	505403.7	5408100.9
T8100.1	505405.2	5408100.9	5938.29981	324.76	0	48.825865	-86.926356	56268.75	56256.2	-6.22	56262.53	56262.53125	56244.64757	56244.64844	505405.2	5408100.9
T8100.1	505405.2	5408100.9	5938.39990	325.15	0	48.825865	-86.926356	56269.26	56256.2	-6.22	56263.04	56263.03906	56242.77549	56242.77734	505405.2	5408100.9
T8100.1	505407.1	5408100.9	5938.50000	325.91	0	48.825864	-86.926332	56269.79	56256.2	-6.22	56263.57	56263.57031	56241.29221	56241.29297	505407.1	5408100.9

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
T8100.1	505409.0	5408100.9	5938.60010	335.40	0	48.825864	-86.926305	56270.54	56256.2	-6.22	56264.32	56264.32031	56244.45308	56244.45313	505409.0	5408100.9
T8100.1	505409.0	5408100.9	5938.70020	334.25	0	48.825864	-86.926305	56271.43	56256.2	-6.22	56265.20	56265.19922	56250.39149	56250.39063	505409.0	5408100.9
T8100.1	505410.3	5408100.9	5938.79981	334.23	0	48.825864	-86.926288	56272.19	56256.2	-6.23	56265.96	56265.96094	56253.78920	56253.78906	505410.3	5408100.9
T8100.1	505410.3	5408100.9	5938.89990	333.89	0	48.825864	-86.926288	56272.68	56256.2	-6.23	56266.46	56266.46094	56251.61906	56251.61719	505410.3	5408100.9
T8100.1	505412.2	5408100.9	5939.00000	332.71	0	48.825864	-86.926261	56273.46	56256.2	-6.23	56267.23	56267.23047	56255.23206	56255.23047	505412.2	5408100.9
T8100.1	505413.8	5408100.9	5939.10010	332.25	0	48.825864	-86.926239	56273.98	56256.2	-6.23	56267.75	56267.75000	56253.46793	56253.46875	505413.8	5408100.9
T8100.1	505415.6	5408100.9	5939.20020	332.33	0	48.825864	-86.926215	56274.82	56256.2	-6.23	56268.59	56268.58984	56258.59405	56258.59375	505415.6	5408100.9
T8100.1	505415.6	5408100.9	5939.29981	334.91	0	48.825864	-86.926215	56275.36	56256.2	-6.23	56269.13	56269.12891	56257.24946	56257.25000	505415.6	5408100.9
T8100.1	505417.4	5408100.9	5939.39990	334.52	0	48.825864	-86.926190	56275.94	56256.2	-6.23	56269.70	56269.69922	56256.54657	56256.54688	505417.4	5408100.9
T8100.1	505419.0	5408100.9	5939.50000	326.61	0	48.825864	-86.926169	56276.54	56256.2	-6.24	56270.30	56270.30078	56256.48986	56256.48828	505419.0	5408100.9
T8100.1	505419.0	5408100.9	5939.60010	328.52	0	48.825864	-86.926169	56277.14	56256.2	-6.24	56270.91	56270.91016	56256.64933	56256.64844	505419.0	5408100.9
T8100.1	505421.1	5408100.9	5939.70020	334.73	0	48.825864	-86.926140	56277.66	56256.2	-6.24	56271.42	56271.42188	56254.65762	56254.65625	505421.1	5408100.9
T8100.1	505422.9	5408100.9	5939.79981	334.63	0	48.825864	-86.926116	56278.25	56256.2	-6.24	56272.01	56272.01172	56254.40023	56254.39844	505422.9	5408100.9
T8100.1	505422.9	5408100.9	5939.89990	332.48	0	48.825864	-86.926116	56279.11	56256.2	-6.24	56272.87	56272.87109	56259.94717	56259.94531	505422.9	5408100.9
T8100.1	505424.6	5408100.9	5940.00000	330.92	0	48.825864	-86.926093	56279.80	56256.2	-6.24	56273.56	56273.55859	56261.83746	56261.83594	505424.6	5408100.9
T8100.1	505424.6	5408100.9	5940.10010	328.66	0	48.825864	-86.926093	56280.64	56256.2	-6.24	56274.40	56274.39844	56266.91873	56266.91797	505424.6	5408100.9
T8100.1	505426.5	5408100.9	5940.20020	328.41	0	48.825864	-86.926067	56281.36	56256.2	-6.24	56275.12	56275.12109	56269.42280	56269.42188	505426.5	5408100.9
T8100.1	505428.4	5408100.9	5940.29981	332.43	0	48.825864	-86.926040	56281.78	56256.2	-6.24	56275.54	56275.53906	56265.59576	56265.59766	505428.4	5408100.9
T8100.1	505428.4	5408100.9	5940.39990	331.11	0	48.825864	-86.926040	56282.78	56256.2	-6.24	56276.54	56276.53906	56273.96258	56273.96094	505428.4	5408100.9
T8100.1	505430.0	5408100.9	5940.50000	330.62	0	48.825864	-86.926018	56283.17	56256.2	-6.24	56276.93	56276.92969	56269.56301	56269.56250	505430.0	5408100.9
T8100.1	505431.7	5408100.9	5940.60010	333.81	0	48.825864	-86.925996	56283.81	56256.2	-6.24	56277.57	56277.57031	56270.39788	56270.39844	505431.7	5408100.9
T8100.1	505431.7	5408100.9	5940.70020	334.11	0	48.825864	-86.925996	56284.24	56256.2	-6.24	56278.00	56278.00000	56266.95217	56266.95313	505431.7	5408100.9
T8100.1	505433.3	5408100.9	5940.79981	333.94	0	48.825864	-86.925974	56284.81	56256.2	-6.24	56278.57	56278.57031	56266.42538	56266.42578	505433.3	5408100.9
T8100.1	505435.2	5408100.9	5940.89990	333.89	0	48.825865	-86.925948	56285.28	56256.2	-6.24	56279.04	56279.03906	56263.93482	56263.93359	505435.2	5408100.9
T8100.1	505436.5	5408101.0	5941.00000	333.94	0	48.825865	-86.925930	56285.57	56256.2	-6.24	56279.33	56279.32813	56257.96018	56257.96094	505436.5	5408101.0
T8100.1	505436.5	5408101.0	5941.10010	336.84	0	48.825865	-86.925930	56286.52	56256.2	-6.24	56280.28	56280.28125	56265.08256	56265.08203	505436.5	5408101.0
T8100.1	505438.4	5408101.0	5941.20020	339.17	0	48.825865	-86.925905	56287.09	56256.2	-6.24	56280.86	56280.85938	56264.91094	56264.91016	505438.4	5408101.0
T8100.1	505438.4	5408101.0	5941.29981	325.87	0	48.825865	-86.925905	56287.76	56256.2	-6.24	56281.53	56281.53125	56266.49923	56266.50000	505438.4	5408101.0
T8100.1	505440.0	5408101.1	5941.39990	326.06	0	48.825866	-86.925882	56288.32	56256.2	-6.24	56282.09	56282.08984	56266.00066	56266.00000	505440.0	5408101.1
T8100.1	505441.7	5408101.1	5941.50000	326.62	0	48.825866	-86.925859	56289.14	56256.2	-6.24	56282.91	56282.91016	56270.40646	56270.40625	505441.7	5408101.1
T8100.1	505441.7	5408101.1	5941.60010	325.53	0	48.825866	-86.925859	56289.82	56256.2	-6.23	56283.59	56283.58984	56272.15121	56272.15234	505441.7	5408101.1
T8100.1	505443.7	5408101.2	5941.70020	324.84	0	48.825867	-86.925832	56290.52	56256.2	-6.23	56284.29	56284.28906	56279.43715	56279.43750	505443.7	5408101.2
T8100.1	505445.4	5408101.2	5941.79981	324.78	0	48.825867	-86.925809	56291.11	56256.2	-6.23	56284.87	56284.87109	56278.99816	56279.00000	505445.4	5408101.2
T8100.1	505445.4	5408101.2	5941.89990	325.19	0	48.825867	-86.925809	56291.56	56256.2	-6.23	56285.33	56285.32813	56275.71513	56275.71484	505445.4	5408101.2
T8100.1	505446.8	5408101.2	5942.00000	324.24	0	48.825868	-86.925790	56292.28	56256.2	-6.23	56286.05	56286.05078	56278.66258	56278.66406	505446.8	5408101.2
T8100.1	505449.0	5408101.3	5942.10010	323.71	0	48.825868	-86.925760	56292.53	56256.2	-6.23	56286.30	56286.30078	56270.53882	56270.53906	505449.0	5408101.3
T8100.1	505449.0	5408101.3	5942.20020	323.31	0	48.825868	-86.925760	56293.56	56256.2	-6.23	56287.33	56287.32813	56280.71364	56280.71484	505449.0	5408101.3
T8100.1	505450.7	5408101.3	5942.29981	322.60	0	48.825868	-86.925737	56293.94	56256.2	-6.23	56287.71	56287.71094	56275.71617	56275.71484	505450.7	5408101.3
T8100.1	505452.4	5408101.4	5942.39990	324.00	0	48.825868	-86.925714	56294.63	56256.2	-6.23	56288.39	56288.39063	56277.68479	56277.68359	505452.4	5408101.4
T8100.1	505452.4	5408101.4	5942.50000	324.52	0	48.825868	-86.925714	56295.34	56256.2	-6.24	56289.10	56289.10156	56280.32721	56280.32813	505452.4	5408101.4
T8100.1	505453.9	5408101.4	5942.60010	325.60	0	48.825869	-86.925693	56295.55	56256.2	-6.24	56289.31	56289.30859	56271.52554	56271.52734	505453.9	5408101.4
T8100.1	505455.3	5408101.4	5942.70020	325.88	0	48.825869	-86.925674	56296.43	56256.2	-6.24	56290.20	56290.19922	56278.28184	56278.28125	505455.3	5408101.4
T8100.1	505455.3	5408101.4	5942.79981	325.89	0	48.825869	-86.925674	56296.90	56256.2	-6.24	56290.66	56290.66016	56275.21817	56275.21875	505455.3	5408101.4
T8100.1	505457.0	5408101.4	5942.89990	326.50	0	48.825869	-86.925651	56297.71	56256.2	-6.24	56291.48	56291.48047	56280.37468	56280.37500	505457.0	5408101.4
T8100.1	505457.0	5408101.4	5943.00000	324.30	0	48.825869	-86.925651	56297.97	56256.2	-6.24	56291.73	56291.73047	56272.53423	56272.53516	505457.0	5408101.4
T8100.1	505459.0	5408101.4	5943.10010	324.14	0	48.825869	-86.925623	56299.09	56256.2	-6.24	56292.85	56292.85156	56284.57567	56284.57422	505459.0	5408101.4
T8100.1	505460.8	5408101.4	5943.20020	323.01	0	48.825869	-86.925600	56299.25	56256.2	-6.24	56293.01	56293.01172	56274.69939	56274.69922	505460.8	5408101.4
T8100.1	505462.7	5408101.5	5943.29981	323.96	0	48.825869	-86.925573	56299.81	56256.2	-6.24	56293.57	56293.57031	56273.98735	56273.98828	505462.7	5408101.5
T8100.1	505462.7	5408101.5	5943.39990	327.04	0	48.825869	-86.925573	56300.01	56256.2	-6.24	56293.77	56293.76953	56265.05136	56265.05078	505462.7	5408101.5
T8100.1	505464.3	5408101.5	5943.50000	326.92	0	48.825869	-86.925552	56300.88	56256.2	-6.24	56294.64	56294.64063	56271.50286	56271.50391	505464.3	5408101.5
T8100.1	505466.0	5408101.5	5943.60010	326.38	0	48.825869	-86.925529	56302.06	56256.2	-6.24	56295.82	56295.82031	56285.10594	56285.10547	505466.0	5408101.5
T8100.1	505466.0	5408101.5	5943.70020	327.75	0	48.825869	-86.925529	56302.59	56256.2	-6.24	56296.35	56296.35156	56283.83617	56283.83594	505466.0	5408101.5
T8100.1	505467.8	5408101.5	5943.79981	326.58	0	48.825870	-86.925504	56303.48	56256.2	-6.24	56297.24	56297.23828	56290.85887	56290.85938	505467.8	5408101.5
T8100.1	505469.6	5408101.5	5943.89990	324.90	0	48.825870	-86.925479	56303.40	56256.2	-6.24	56297.16	56297.16016	56275.67941	56275.67969	505469.6	5408101.5
T8100.1	505469.6	5408101.5	5944.00000	325.07	0	48.825870	-86.925479	56304.50	56256.2	-6.24	56298.26	56298.26172	56287.58747	56287.58594	505469.6	5408101.5
T8100.1	505471.6	5408101.5	5944.10010	325.51	0	48.825870	-86.925453	56304.89	56256.2	-6.24	56298.65	56298.64844	56283.26995	56283.26953	505471.6	5408101.5
T8100.1	505471.6	5408101.5	5944.20020	327.60	0	48.825870	-86.925453	56306.01	56256.2	-6.24	56299.77	56299.76953	56295.69100	56295.69141	505471.6	5408101.5
T8100.1	505473.5	5408101.5	5944.29981	326.74	0	48.825870	-86.925426	56306.52	56256.2	-6.24	56300.28	56300.28125	56294.20025	56294.19922	505473.5	5408101.5
T8100.1	505473.5	5408101.5	5944.39990	326.51	0	48.825870	-86.925426	56307.04	56256.2	-6.24	56300.79	56300.78906	56292.75822	56292.75781	505473.5	5408101.5
T8100.1	505475.5	5408101.5	5944.50000	326.18	0	48.825870	-86.925399	56307.97	56256.2	-6.24	56301.73	56301.73047	56301.15774	56301.15625	505475.5	5408101.5
T8100.1	505477.3	5408101.5	5944.60010	323.34	0	48.825870	-86.925375	56308.20	56256.2	-6.25	56301.96	56301.96094	56293.43715	56293.43750	505477.3	5408101.5
T8100.1	505478.3	5408101.5	5944.70020	324.30	0	48.825870	-86.925361	56309.22	56256.2	-6.25	56302.98	56302.98047	56303.72743	56303.72656	505478.3	5408101.5
T8100.1	505478.3	5408101.5	5944.79981	322.92	0	48.825870	-86.925361	56309.32	56256.2	-6.25	56303.08	56303.07813	56293.17301	56293.17188	505478.3	5408101.5
T8100.1	505480.5	5408101.5	5944.89990	322.75	0	48.825870	-86.925331	56310.32	56256.2	-6.25	56304.07	56304.07031	56302.86175	56302.86328	505480.5	5408101.5
T8100.1	505480.5	5408101.5	5945.00000	323.20	0	48.825870	-86.925331	56310.71	56256.3	-6.25	56304.46	56304.46094	56298.99916	56299.00000	505480.5	5408101.5
T8100.1	505481.9	5408101.5	5945.10010	322.22	0	48.825870	-86.925312	56311.55	56256.3	-6.25	56305.30	56305.30078	56305.37945	56305.37891	505481.9	5408101.5
T8100.1	505483.6	5408101.5	5945.20020	324.43	0	48.825869	-86.925289	56311.88	56256.3	-6.25	56305.63	56305.62891	56300.26993	56300.26953	505483.6	5408101.5
T8100.1	505484.8	5408101.5	5945.29981	324.29	0	48.825869	-86.925272	56312.31	56256.3	-6.25	56306.06	56306.05859	56297.47766	56297.47656	505484.8	5408101.5
T8100.1	505484.8	5408101.5	5945.39990	325.43	0	48.825869	-86.925272	56313.18	56256.3	-6.25	56306.93	56306.92969	56304.70127	56304.70313	505484.8	5408101.5
T8100.1	505486.7	5408101.5	5945.50000	326.68	0	48.825869	-86.925246	56313.46	56256.3	-6.25	56307.21	56307.21094	56298.61690	56298.61719	505486.7	5408101.5
T8100.1	505488.9	5408101.5	5945.60010	325.66	0	48.825869	-86.925216	56314.43	56256.3	-6.25	56308.18	56308.17969	56308.23991	56308.23828	505488.9	5408101.5
T8100.1	505488.9	5408101.5	5945.70020	325.19	0	48.825869	-86.925216	56314.48	56256.3	-6.25	56308.23	56308.23047	56297.01785	56297.01953	505488.9	5408101.5
T8100.1	505490.1	5408101.5	5945.79981	324.92	0	48.825869	-86.925200	56315.55	56256.3	-6.25	56309.30	56309.30078	56309.07498	56309.07422	505490.1	5408101.5
T8100.1	505491.6	5408101.5	5945.89990	324.58	0	48.825869	-86.925179	56315.99	56256.3	-6.25	56309.74	56309.73828	56306.83604	56306.83594	505491.6	5408101.5
T8100.1	505491.6	5408101.5	5946.00000	326.20	0	48.825869	-86.925179	56316.75	56256.3	-6.25	56310.50	56310.50000	56311.99994	56312.00000	505491.6	5408101.5
T8100.1	505493.7	5408101.5	5946.10010	325.06	0	48.825869	-86.925150	56317.26	56256.3	-6.25	56311.01	56311.01172	56311.49187	56311.49219	505493.7	5408101.5
T8100.1	505495.2	5408101.4	5946.20020	324.89	0	48.825869	-86.925130	56317.90	56256.3	-6.25	56311.65	56311.64844	56314.06191	56314.06250	505495.2	5408101.4
T8100.1	505495.2	5408101.4	5946.29981	324.49	0	48.825869	-86.925130	56318.79	56256.3	-6.25	56312.54	56312.53906	56322.57702	56322.57813	505495.2	5408101.4
T8100.1	505496.9	5408101.5	5946.39990	322.94	0	48.825869	-86.925108	56319.06	56256.3	-6.25	56312.80	56312.80078	56316.42364	56316.42188	505496.9	5408101.5
T8100.1	505498.6	5408101.5	5946.50000	322.67	0	48.825869	-86.925084	56319.87	56256.3	-6.26	56313.61	56313.60938	56323.31027	56323.30859	505498.6	5408101.5
T8100.1	505498.6	5408101.5	5946.60010	321.99	0	48.825869	-86.925084	56320.25	56256.3	-6.26	56313.99	56313.98828	56320.06983	56320.07031	505498.6	5408101.5
T8100.1	505500.4	5408101.4	5946.70020	323.53	0	48.825869	-86.925060	56320.71	56256.3	-6.26	56314.45	56314.44922	56318.76916	56318.76953	505500.4	5408101.4
T8100.1	505500.4	5408101.4	5946.79981	325.74	0	48.825869	-86.925060	56321.07	56256.3	-6.26	56314.81	56314.80859	56315.05833	56315.05859	505500.4	5408101.4
T8100.1	505502.4	5408101.4	5946.89990	325.44	0	48.825869	-86.925033	56322.00	56256.3	-6.26	56315.74	56315.73828	56330.80696	56330.80859	505502.4	5408101.4
T8100.1	505504.1	5408101.4	5947.00000	327.06	0	48.825868	-86.925010	56322.37	56256.3	-6.26	56316.11	56316.10938	56328.73668	56328.73828	505504.1	5408101.4
T8100.1	505505.7	5408101.4	5947.10010	328.76	0	48.825868	-86.924987	56322.83	56256.3	-6.26	56316.57	56316.57031	56328.34319	56328.34375	505505.7	5408101.4
T8100.1	505505.7	5408101.4	5947.20020	327.45	0	48.825868	-86.924987	56323.44	56256.3	-6.26	56317.18	56317.17969	56330.82747	56330.82813	505505.7	5408101.4
T8100.1	505507.4	5408101.4	5947.29981	327.52	0	48.825868	-86.924964	56323.92	56256.3	-6.25	56317.66	56317.66016	56330.86558	56330.86719	505507.4	5408101.4
T8100.1	505509.2	5408101.4	5947.39990	326.49	0	48.825868	-86.924940	56324.39	56256.3	-6.25	56318.14	56318.14063	56330.91258	56330.91406	505509.2	5408101.4
T8100.1	505509.2	5408101.4	5947.50000	327.62	0	48.825868	-86.924940	56324.92	56256.3	-6.25	56318.67	56318.67188	56331.95308	56331.95313	505509.2	5408101.4
T8100.1	505510.6	5408101.4	5947.60010	327.62	0	48.825868	-86.924921	56325.64	56256.2	-6.25	56319.39	56319.39063	56336.80813	56336.80859	505510.6	5408101.4
T8100.1	505512.0	5408101.4	5947.70020	336.35	0	48.825868	-86.924902	56325.78	56256.2	-6.25	56319.53	56319.53125	56330.06296	56330.06250	505512.0	5408101.4
T8100.1	505513.8	5408101.4	5947.79981	337.23	0	48.825868	-86.924877	56326.45	56256.2	-6.24	56320.21	56320.21094	56334.16656	56334.16797	505513.8	5408101.4

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
T8100.1	505513.8	5408101.4	5947.89990	336.30	0	48.825868	-86.924877	56326.91	56256.2	-6.24	56320.66	56320.66016	56333.62217	56333.62109	505513.8	5408101.4
T8100.1	505515.6	5408101.4	5948.00000	336.74	0	48.825868	-86.924853	56327.40	56256.2	-6.24	56321.16	56321.16016	56334.09175	56334.08984	505515.6	5408101.4
T8100.1	505515.6	5408101.4	5948.10010	335.73	0	48.825868	-86.924853	56327.98	56256.2	-6.24	56321.73	56321.73047	56336.00488	56336.00391	505515.6	5408101.4
T8100.1	505517.6	5408101.4	5948.20020	333.76	0	48.825868	-86.924826	56328.57	56256.2	-6.25	56322.32	56322.32031	56338.33908	56338.33984	505517.6	5408101.4
T8100.1	505519.0	5408101.4	5948.29981	334.50	0	48.825868	-86.924806	56329.03	56256.3	-6.25	56322.78	56322.78125	56337.96983	56337.96875	505519.0	5408101.4
T8100.1	505519.0	5408101.4	5948.39990	334.26	0	48.825868	-86.924806	56329.64	56256.3	-6.26	56323.39	56323.39063	56340.71380	56340.71484	505519.0	5408101.4
T8100.1	505520.7	5408101.4	5948.50000	334.72	0	48.825868	-86.924783	56329.79	56256.3	-6.26	56323.53	56323.53125	56333.63062	56333.62891	505520.7	5408101.4
T8100.1	505522.7	5408101.4	5948.60010	327.18	0	48.825868	-86.924756	56330.20	56256.3	-6.26	56323.94	56323.94141	56332.16534	56332.16406	505522.7	5408101.4
T8100.1	505524.1	5408101.4	5948.70020	327.65	0	48.825868	-86.924737	56330.89	56256.3	-6.27	56324.62	56324.62109	56336.33019	56336.33203	505524.1	5408101.4
T8100.1	505524.1	5408101.4	5948.79981	335.95	0	48.825868	-86.924737	56331.43	56256.3	-6.27	56325.15	56325.14844	56337.34111	56337.33984	505524.1	5408101.4
T8100.1	505525.7	5408101.4	5948.89990	326.38	0	48.825868	-86.924715	56332.06	56256.3	-6.28	56325.79	56325.78906	56340.62514	56340.62500	505525.7	5408101.4
T8100.1	505527.3	5408101.4	5949.00000	325.73	0	48.825868	-86.924693	56332.63	56256.3	-6.28	56326.35	56326.35156	56342.21105	56342.21094	505527.3	5408101.4
T8100.1	505527.3	5408101.4	5949.10010	334.21	0	48.825868	-86.924693	56332.81	56256.3	-6.28	56326.53	56326.53125	56335.87373	56335.87500	505527.3	5408101.4
T8100.1	505529.2	5408101.3	5949.20020	333.12	0	48.825868	-86.924667	56333.44	56256.3	-6.28	56327.17	56327.17188	56339.07515	56339.07422	505529.2	5408101.3
T8100.1	505529.2	5408101.3	5949.29981	327.36	0	48.825868	-86.924667	56333.72	56256.3	-6.27	56327.45	56327.44922	56334.79573	56334.79688	505529.2	5408101.3
T8100.1	505531.7	5408101.3	5949.39990	325.33	0	48.825867	-86.924633	56334.26	56256.3	-6.27	56327.99	56327.98828	56335.87100	56335.87109	505531.7	5408101.3
T8100.1	505533.0	5408101.3	5949.50000	333.19	0	48.825867	-86.924615	56334.67	56256.3	-6.27	56328.40	56328.39844	56334.23933	56334.23828	505533.0	5408101.3
T8100.1	505533.0	5408101.3	5949.60010	334.56	0	48.825867	-86.924615	56335.18	56256.3	-6.27	56328.91	56328.91016	56334.63412	56334.63281	505533.0	5408101.3
T8100.1	505534.8	5408101.3	5949.70020	332.80	0	48.825867	-86.924591	56335.69	56256.3	-6.27	56329.42	56329.42188	56334.99109	56334.99219	505534.8	5408101.3
T8100.1	505536.6	5408101.3	5949.79981	331.96	0	48.825867	-86.924567	56336.31	56256.3	-6.26	56330.04	56330.03906	56337.55120	56337.55078	505536.6	5408101.3
T8100.1	505538.1	5408101.2	5949.89990	331.45	0	48.825866	-86.924546	56336.40	56256.3	-6.26	56330.14	56330.14063	56329.47253	56329.47266	505538.1	5408101.2
T8100.1	505538.1	5408101.2	5950.00000	330.48	0	48.825866	-86.924546	56337.09	56256.3	-6.26	56330.83	56330.82813	56333.36625	56333.36719	505538.1	5408101.2
T8100.1	505539.6	5408101.2	5950.10010	331.16	0	48.825866	-86.924526	56337.42	56256.3	-6.26	56331.16	56331.16016	56329.89785	56329.89844	505539.6	5408101.2
T8100.1	505541.2	5408101.2	5950.20020	332.84	0	48.825866	-86.924503	56337.88	56256.3	-6.26	56331.62	56331.62109	56329.02012	56329.01953	505541.2	5408101.2
T8100.1	505541.2	5408101.2	5950.29981	326.12	0	48.825866	-86.924503	56338.34	56256.3	-6.27	56332.07	56332.07031	56327.88880	56327.89063	505541.2	5408101.2
T8100.1	505543.0	5408101.1	5950.39990	326.36	0	48.825866	-86.924479	56338.60	56256.3	-6.27	56332.33	56332.32813	56322.88292	56322.88281	505543.0	5408101.1
T8100.1	505543.0	5408101.1	5950.50000	332.14	0	48.825866	-86.924479	56338.88	56256.3	-6.27	56332.61	56332.60938	56318.24883	56318.25000	505543.0	5408101.1
T8100.1	505545.1	5408101.1	5950.60010	330.73	0	48.825866	-86.924451	56339.28	56256.3	-6.27	56333.01	56333.01172	56315.98693	56315.98828	505545.1	5408101.1
T8100.1	505546.4	5408101.1	5950.70020	331.88	0	48.825865	-86.924433	56339.75	56256.3	-6.27	56333.47	56333.46875	56314.87963	56314.87891	505546.4	5408101.1
T8100.1	505548.0	5408101.1	5950.79981	333.71	0	48.825865	-86.924412	56339.88	56256.3	-6.28	56333.60	56333.60156	56307.18743	56307.18750	505548.0	5408101.1
T8100.1	505549.4	5408101.1	5950.89990	326.44	0	48.825865	-86.924391	56340.54	56256.3	-6.28	56334.26	56334.26172	56309.95552	56309.95703	505549.4	5408101.1
T8100.1	505549.4	5408101.1	5951.00000	327.42	0	48.825865	-86.924391	56341.27	56256.3	-6.28	56334.99	56334.98828	56314.00310	56314.00391	505549.4	5408101.1
T8100.1	505551.1	5408101.1	5951.10010	336.88	0	48.825866	-86.924369	56341.76	56256.3	-6.28	56335.48	56335.48047	56313.26271	56313.26172	505551.1	5408101.1
T8100.1	505551.1	5408101.1	5951.20020	335.27	0	48.825866	-86.924369	56342.50	56256.3	-6.28	56336.22	56336.21875	56317.29921	56317.30078	505551.1	5408101.1
T8100.1	505552.8	5408101.2	5951.29981	327.88	0	48.825866	-86.924346	56342.78	56256.3	-6.28	56336.50	56336.50000	56312.36535	56312.36719	505552.8	5408101.2
T8100.1	505554.3	5408101.2	5951.39990	326.54	0	48.825866	-86.924325	56343.06	56256.3	-6.28	56336.78	56336.78125	56307.42011	56307.42188	505554.3	5408101.2
T8100.1	505555.9	5408101.2	5951.50000	326.97	0	48.825866	-86.924304	56343.29	56256.3	-6.28	56337.01	56337.01172	56301.51416	56301.51563	505555.9	5408101.2
T8100.1	505555.9	5408101.2	5951.60010	327.66	0	48.825866	-86.924304	56343.95	56256.3	-6.28	56337.67	56337.67188	56303.70405	56303.70313	505555.9	5408101.2
T8100.1	505557.2	5408101.2	5951.70020	326.75	0	48.825866	-86.924286	56344.63	56256.3	-6.28	56338.35	56338.35156	56306.14857	56306.14844	505557.2	5408101.2
T8100.1	505558.6	5408101.2	5951.79981	326.79	0	48.825866	-86.924267	56345.28	56256.3	-6.28	56339.00	56339.00000	56307.90920	56307.91016	505558.6	5408101.2
T8100.1	505560.1	5408101.3	5951.89990	327.60	0	48.825867	-86.924246	56345.92	56256.3	-6.28	56339.64	56339.64063	56309.36439	56309.36328	505560.1	5408101.3
T8100.1	505560.1	5408101.3	5952.00000	326.30	0	48.825867	-86.924246	56346.31	56256.3	-6.28	56340.03	56340.03125	56311.07299	56311.07422	505560.1	5408101.3
T8100.1	505561.9	5408101.3	5952.10010	327.00	0	48.825867	-86.924222	56346.89	56256.3	-6.28	56340.61	56340.60938	56312.02079	56312.01953	505561.9	5408101.3
T8100.1	505561.9	5408101.3	5952.20020	325.58	0	48.825867	-86.924222	56347.31	56256.3	-6.28	56341.02	56341.01953	56308.67581	56308.67578	505561.9	5408101.3
T8100.1	505565.3	5408101.3	5952.29981	327.40	0	48.825867	-86.924175	56347.96	56256.3	-6.28	56341.67	56341.67188	56310.98805	56310.98828	505565.3	5408101.3
T8100.1	505565.3	5408101.3	5952.39990	326.70	0	48.825867	-86.924175	56348.61	56256.3	-6.28	56342.32	56342.32031	56313.10090	56313.10156	505565.3	5408101.3
T8100.1	505567.1	5408101.2	5952.50000	326.31	0	48.825866	-86.924151	56349.17	56256.3	-6.29	56342.88	56342.87891	56312.85282	56312.85156	505567.1	5408101.2
T8100.1	505567.1	5408101.2	5952.60010	328.15	0	48.825866	-86.924151	56349.72	56256.3	-6.29	56343.44	56343.44141	56312.40772	56312.40625	505567.1	5408101.2
T8100.1	505568.8	5408101.2	5952.70020	327.77	0	48.825866	-86.924127	56350.26	56256.3	-6.29	56343.97	56343.96875	56311.03957	56311.03906	505568.8	5408101.2
T8100.1	505570.6	5408101.2	5952.79981	327.37	0	48.825866	-86.924103	56350.80	56256.3	-6.29	56344.51	56344.51172	56309.69428	56309.69531	505570.6	5408101.2
T8100.1	505570.6	5408101.2	5952.89990	326.25	0	48.825866	-86.924103	56351.21	56256.3	-6.29	56344.92	56344.92188	56305.00524	56305.00391	505570.6	5408101.2
T8100.1	505572.6	5408101.1	5953.00000	325.22	0	48.825865	-86.924076	56351.59	56256.3	-6.29	56345.30	56345.30078	56299.33422	56299.33594	505572.6	5408101.1
T8100.1	505574.3	5408101.1	5953.10010	324.30	0	48.825865	-86.924053	56352.18	56256.3	-6.29	56345.89	56345.89063	56298.43383	56298.43359	505574.3	5408101.1
T8100.1	505575.6	5408101.1	5953.20020	324.48	0	48.825865	-86.924036	56353.12	56256.3	-6.29	56346.83	56346.82813	56305.74767	56305.74609	505575.6	5408101.1
T8100.1	505575.6	5408101.1	5953.29981	324.03	0	48.825865	-86.924036	56353.73	56256.3	-6.29	56347.44	56347.44141	56304.83774	56304.83594	505575.6	5408101.1
T8100.1	505577.3	5408101.0	5953.39990	325.27	0	48.825864	-86.924012	56354.52	56256.3	-6.29	56348.23	56348.23047	56308.07447	56308.07422	505577.3	5408101.0
T8100.1	505579.2	5408101.0	5953.50000	325.64	0	48.825864	-86.923986	56355.04	56256.3	-6.29	56348.75	56348.75000	56292.84660	56292.84766	505579.2	5408101.0
T8100.1	505579.2	5408101.0	5953.60010	325.68	0	48.825864	-86.923986	56355.72	56256.3	-6.29	56349.43	56349.42969	56292.26033	56292.26172	505579.2	5408101.0
T8100.1	505580.7	5408101.0	5953.70020	327.16	0	48.825864	-86.923966	56356.18	56256.3	-6.29	56349.89	56349.89063	56287.30692	56287.30859	505580.7	5408101.0
T8100.1	505582.2	5408101.0	5953.79981	326.97	0	48.825864	-86.923945	56357.23	56256.3	-6.29	56350.94	56350.94141	56293.35071	56293.35156	505582.2	5408101.0
T8100.1	505582.2	5408101.0	5953.89990	326.96	0	48.825864	-86.923945	56358.04	56256.3	-6.29	56351.75	56351.75000	56294.71021	56294.71094	505582.2	5408101.0
T8100.1	505584.1	5408100.9	5954.00000	326.98	0	48.825864	-86.923920	56358.99	56256.3	-6.29	56352.70	56352.69922	56298.67838	56298.67969	505584.1	5408100.9
T8100.1	505584.1	5408100.9	5954.10010	329.01	0	48.825864	-86.923920	56359.55	56256.3	-6.29	56353.26	56353.26172	56294.85275	56294.85156	505584.1	5408100.9
T8100.1	505587.6	5408100.9	5954.20020	327.16	0	48.825863	-86.923872	56360.60	56256.3	-6.29	56354.31	56354.30859	56300.62003	56300.62109	505587.6	5408100.9
T8100.1	505587.6	5408100.9	5954.29981	336.06	0	48.825863	-86.923872	56361.11	56256.3	-6.28	56354.82	56354.82031	56295.42078	56295.42188	505587.6	5408100.9
T8100.1	505588.8	5408100.9	5954.39990	335.25	0	48.825863	-86.923856	56361.90	56256.3	-6.28	56355.62	56355.62109	56295.92378	56295.92188	505588.8	5408100.9
T8100.1	505588.8	5408100.9	5954.50000	334.83	0	48.825863	-86.923856	56362.36	56256.3	-6.28	56356.08	56356.07813	56289.25380	56289.25391	505588.8	5408100.9
T8100.1	505590.4	5408100.9	5954.60010	333.89	0	48.825863	-86.923834	56363.10	56256.3	-6.28	56356.82	56356.82031	56288.19601	56288.19531	505590.4	5408100.9
T8100.1	505592.5	5408100.9	5954.70020	334.90	0	48.825863	-86.923806	56364.02	56256.3	-6.28	56357.74	56357.73828	56290.81550	56290.81641	505592.5	5408100.9
T8100.1	505593.6	5408100.9	5954.79981	333.37	0	48.825863	-86.923790	56364.96	56256.3	-6.27	56358.69	56358.69141	56294.01722	56294.01563	505593.6	5408100.9
T8100.1	505593.6	5408100.9	5954.89990	333.87	0	48.825863	-86.923790	56365.67	56256.3	-6.27	56359.40	56359.39844	56291.99108	56291.99219	505593.6	5408100.9
T8100.1	505594.8	5408100.9	5955.00000	335.23	0	48.825863	-86.923773	56366.52	56256.3	-6.27	56360.25	56360.25000	56292.87080	56292.87109	505594.8	5408100.9
T8100.1	505596.2	5408100.9	5955.10010	336.02	0	48.825863	-86.923754	56367.74	56256.3	-6.27	56361.47	56361.46875	56301.76320	56301.76172	505596.2	5408100.9
T8100.1	505596.2	5408100.9	5955.20020	334.73	0	48.825863	-86.923754	56368.69	56256.3	-6.27	56362.41	56362.41016	56304.49894	56304.50000	505596.2	5408100.9
T8100.1	505597.9	5408100.9	5955.29981	336.09	0	48.825863	-86.923731	56369.66	56256.3	-6.28	56363.38	56363.37891	56307.82772	56307.82813	505597.9	5408100.9
T8100.1	505597.9	5408100.9	5955.39990	333.38	0	48.825863	-86.923731	56370.22	56256.3	-6.28	56363.94	56363.94141	56301.95265	56301.95313	505597.9	5408100.9
T8100.1	505599.7	5408100.9	5955.50000	333.93	0	48.825863	-86.923706	56371.09	56256.3	-6.28	56364.81	56364.80859	56302.85422	56302.85547	505599.7	5408100.9
T8100.1	505601.3	5408100.8	5955.60010	334.23	0	48.825862	-86.923685	56371.72	56256.3	-6.28	56365.44	56365.44141	56298.27127	56298.26953	505601.3	5408100.8
T8100.1	505602.8	5408100.8	5955.70020	332.64	0	48.825862	-86.923664	56372.67	56256.3	-6.28	56366.39	56366.39063	56300.76443	56300.76563	505602.8	5408100.8
T8100.1	505604.2	5408100.8	5955.79981	333.11	0	48.825862	-86.923646	56373.74	56256.3	-6.29	56367.45	56367.44922	56305.65506	56305.65625	505604.2	5408100.8
T8100.1	505604.2	5408100.8	5955.89990	332.36	0	48.825862	-86.923646	56374.76	56256.3	-6.29	56368.47	56368.46875	56309.56062	56309.56250	505604.2	5408100.8
T8100.1	505605.6	5408100.8	5956.00000	332.29	0	48.825862	-86.923627	56375.98	56256.3	-6.29	56369.69	56369.69141	56317.91236	56317.91406	505605.6	5408100.8
T8100.1	505606.8	5408100.8	5956.10010	335.08	0	48.825862	-86.923610	56377.11	56256.3	-6.29	56370.82	56370.82031	56324.14183	56324.14063	505606.8	5408100.8
T8100.1	505606.8	5408100.8	5956.20020	334.42	0	48.825862	-86.923610	56378.23	56256.3	-6.29	56371.94	56371.94141	56330.05372	56330.05469	505606.8	5408100.8
T8100.1	505608.5	5408100.8	5956.29981	335.14	0	48.825862	-86.923587	56379.33	56256.3	-6.29	56373.04	56373.03906	56335.41574	56335.41406	505608.5	5408100.8
T8100.1	505608.5	5408100.8	5956.39990	335.62	0	48.825862	-86.923587	56380.12	56256.3	-6.29	56373.83	56373.82813	56333.62270	56333.62109	505608.5	5408100.8
T8100.1	505610.2	5408100.8	5956.50000	335.51	0	48.825862	-86.923563	56381.09	56256.3	-6.29	56374.80	56374.80078	56335.82601	56335.82422	505610.2	5408100.8
T8100.1	505611.8	5408100.7	5956.60010	335.59	0	48.825861	-86.923542	56382.24	56256.3	-6.28	56375.95	56375.94922	56342.03531	56342.03516	505611.8	5408100.7
T8100.1	505613.0	5408100.7	5956.70020	334.83	0	48.825861	-86.923525	56383.13	56256.3	-6.28	56376.85	56376.85156	56342.45512	56342.45703	505613.0	5408100.7
T8100.1	505613.0	5408100.7	5956.79981	334.41	0	48.825861	-86.923525	56384.15	56256.3	-6.28	56377.87	56377.87109	56345.52200	56345.52344	505613.0	5408100.7
T8100.1	505614.6	5408100.7	5956.89990	335.15	0	48.825861	-86.923504	56385.05	56256.3	-6.28	56378.77	56378.76953	56345.76830	56345.76953	505614.6	5408100.7
T8100.1	505614.6	5408100.7	5957.00000	335.97	0	48.825861	-86.923504	56385.89	56256.3	-6.28	56379.61	56379.60938	56344.56673	56344.56641	505614.6	5408100.7
T8100.1	505616.0	5408100.7	5957.10010	336.66	0	48.825861	-86.923485	56387.04	56256.3	-6.28	56380.76	56380.76172	56350.36273	56350.36328	505616.0	5408100.7

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
T8100.1	505617.0	5408100.7	5957.20020	336.65	0	48.825861	-86.923472	56387.88	56256.3	-6.29	56381.59	56381.58984	56348.79246	56348.79297	505617.0	5408100.7
T8100.1	505618.2	5408100.7	5957.29981	336.41	0	48.825861	-86.923455	56388.72	56256.3	-6.29	56382.43	56382.42969	56347.39018	56347.39063	505618.2	5408100.7
T8100.1	505618.2	5408100.7	5957.39990	334.64	0	48.825861	-86.923455	56389.59	56256.3	-6.29	56383.30	56383.30078	56346.61736	56346.61719	505618.2	5408100.7
T8100.1	505619.5	5408100.7	5957.50000	334.77	0	48.825861	-86.923438	56390.96	56256.3	-6.29	56384.67	56384.67188	56357.17626	56357.17578	505619.5	5408100.7
T8100.1	505620.9	5408100.7	5957.60010	333.47	0	48.825861	-86.923419	56392.09	56256.3	-6.30	56385.79	56385.78906	56361.98766	56361.98828	505620.9	5408100.7
T8100.1	505620.9	5408100.7	5957.70020	333.72	0	48.825861	-86.923419	56393.06	56256.3	-6.30	56386.76	56386.76172	56363.34221	56363.34375	505620.9	5408100.7
T8100.1	505622.2	5408100.7	5957.79981	333.23	0	48.825861	-86.923400	56394.21	56256.3	-6.30	56387.90	56387.89844	56368.51748	56368.51563	505622.2	5408100.7
T8100.1	505623.3	5408100.7	5957.89990	334.09	0	48.825861	-86.923385	56395.31	56256.3	-6.31	56389.00	56389.00000	56372.74494	56372.74609	505623.3	5408100.7
T8100.1	505624.4	5408100.7	5958.00000	334.17	0	48.825861	-86.923370	56396.53	56256.3	-6.31	56390.22	56390.21875	56379.65488	56379.65625	505624.4	5408100.7
T8100.1	505624.4	5408100.7	5958.10010	334.56	0	48.825861	-86.923370	56397.29	56256.3	-6.31	56390.98	56390.98047	56376.12754	56376.12891	505624.4	5408100.7
T8100.1	505626.1	5408100.7	5958.20020	334.75	0	48.825861	-86.923348	56398.52	56256.3	-6.31	56392.21	56392.21094	56383.21118	56383.21094	505626.1	5408100.7
T8100.1	505627.3	5408100.7	5958.29981	334.58	0	48.825861	-86.923331	56399.57	56256.3	-6.31	56393.26	56393.26172	56386.21117	56386.21094	505627.3	5408100.7
T8100.1	505627.3	5408100.7	5958.39990	335.01	0	48.825861	-86.923331	56400.69	56256.3	-6.31	56394.38	56394.37891	56390.78152	56390.78125	505627.3	5408100.7
T8100.1	505628.6	5408100.7	5958.50000	336.35	0	48.825861	-86.923313	56401.91	56256.3	-6.31	56395.61	56395.60938	56397.82272	56397.82422	505628.6	5408100.7
T8100.1	505629.6	5408100.6	5958.60010	334.72	0	48.825860	-86.923299	56403.02	56256.3	-6.30	56396.71	56396.71094	56401.93627	56401.93750	505629.6	5408100.6
T8100.1	505629.6	5408100.6	5958.70020	334.25	0	48.825860	-86.923299	56403.98	56256.3	-6.30	56397.67	56397.67188	56402.91456	56402.91406	505629.6	5408100.6
T8100.1	505631.2	5408100.6	5958.79981	333.91	0	48.825860	-86.923277	56404.72	56256.3	-6.30	56398.42	56398.42188	56399.20774	56399.20703	505631.2	5408100.6
T8100.1	505632.4	5408100.6	5958.89990	334.72	0	48.825860	-86.923261	56405.92	56256.3	-6.30	56399.62	56399.62109	56405.61370	56405.61328	505632.4	5408100.6
T8100.1	505632.4	5408100.6	5959.00000	334.28	0	48.825860	-86.923261	56407.14	56256.3	-6.30	56400.84	56400.83984	56412.48225	56412.48047	505632.4	5408100.6
T8100.1	505633.6	5408100.5	5959.10010	333.39	0	48.825859	-86.923244	56408.27	56256.3	-6.30	56401.97	56401.96875	56417.36200	56417.36328	505633.6	5408100.5
T8100.1	505633.6	5408100.5	5959.20020	335.06	0	48.825859	-86.923244	56409.42	56256.3	-6.30	56403.12	56403.12109	56422.71638	56422.71484	505633.6	5408100.5
T8100.1	505634.6	5408100.5	5959.29981	333.89	0	48.825859	-86.923231	56410.54	56256.3	-6.30	56404.24	56404.23828	56427.43901	56427.43750	505634.6	5408100.5
T8100.1	505635.8	5408100.5	5959.39990	333.58	0	48.825859	-86.923215	56411.59	56256.3	-6.30	56405.28	56405.28125	56430.43360	56430.43359	505635.8	5408100.5
T8100.1	505635.8	5408100.5	5959.50000	334.41	0	48.825859	-86.923215	56412.68	56256.3	-6.31	56406.38	56406.37891	56434.81506	56434.81641	505635.8	5408100.5
T8100.1	505636.9	5408100.4	5959.60010	334.28	0	48.825859	-86.923200	56413.96	56256.3	-6.31	56407.65	56407.64844	56443.01325	56443.01172	505636.9	5408100.4
T8100.1	505638.0	5408100.4	5959.70020	333.01	0	48.825858	-86.923186	56415.01	56256.3	-6.31	56408.70	56408.69922	56446.42219	56446.42188	505638.0	5408100.4
T8100.1	505638.9	5408100.4	5959.79981	333.09	0	48.825858	-86.923173	56415.88	56256.3	-6.31	56409.57	56409.57031	56445.95456	56445.95313	505638.9	5408100.4
T8100.1	505638.9	5408100.4	5959.89990	333.51	0	48.825858	-86.923173	56416.64	56256.3	-6.31	56410.33	56410.32813	56443.17149	56443.17188	505638.9	5408100.4
T8100.1	505639.8	5408100.3	5960.00000	333.62	0	48.825858	-86.923160	56417.54	56256.3	-6.31	56411.23	56411.23047	56443.58068	56443.58203	505639.8	5408100.3
T8100.1	505640.7	5408100.3	5960.10010	334.95	0	48.825857	-86.923148	56418.53	56256.3	-6.31	56412.22	56412.21875	56446.08431	56446.08594	505640.7	5408100.3
T8100.1	505641.8	5408100.3	5960.20020	332.31	0	48.825857	-86.923134	56419.98	56256.3	-6.31	56413.67	56413.67188	56458.82877	56458.82813	505641.8	5408100.3
T8100.1	505641.8	5408100.3	5960.29981	331.66	0	48.825857	-86.923134	56421.11	56256.3	-6.31	56414.80	56414.80078	56464.67764	56464.67578	505641.8	5408100.3
T8100.1	505642.6	5408100.3	5960.39990	332.42	0	48.825857	-86.923123	56422.02	56256.3	-6.31	56415.71	56415.71094	56465.82881	56465.82813	505642.6	5408100.3
T8100.1	505643.6	5408100.2	5960.50000	331.48	0	48.825857	-86.923109	56422.89	56256.3	-6.32	56416.58	56416.57813	56466.24274	56466.24219	505643.6	5408100.2
T8100.1	505643.6	5408100.2	5960.60010	331.25	0	48.825857	-86.923109	56424.09	56256.3	-6.32	56417.78	56417.78125	56474.10436	56474.10547	505643.6	5408100.2
T8100.1	505644.5	5408100.2	5960.70020	331.92	0	48.825857	-86.923097	56424.91	56256.3	-6.32	56418.59	56418.58984	56473.50013	56473.50000	505644.5	5408100.2
T8100.1	505644.5	5408100.2	5960.79981	333.10	0	48.825857	-86.923097	56425.72	56256.3	-6.32	56419.40	56419.39844	56473.04232	56473.04297	505644.5	5408100.2
T8100.1	505645.5	5408100.2	5960.89990	334.36	0	48.825856	-86.923082	56426.41	56256.3	-6.32	56420.09	56420.08984	56470.05643	56470.05469	505645.5	5408100.2
T8100.1	505646.4	5408100.2	5961.00000	333.75	0	48.825856	-86.923070	56427.48	56256.3	-6.32	56421.16	56421.16016	56475.70516	56475.70703	505646.4	5408100.2
T8100.1	505647.0	5408100.1	5961.10010	334.79	0	48.825856	-86.923062	56428.82	56256.3	-6.32	56422.49	56422.48828	56487.37518	56487.37500	505647.0	5408100.1
T8100.1	505647.0	5408100.1	5961.20020	333.86	0	48.825856	-86.923062	56429.84	56256.3	-6.32	56423.51	56423.51172	56492.29469	56492.29297	505647.0	5408100.1
T8100.1	505648.1	5408100.1	5961.29981	335.32	0	48.825855	-86.923047	56430.52	56256.3	-6.33	56424.20	56424.19922	56489.95042	56489.94922	505648.1	5408100.1
T8100.1	505648.8	5408100.1	5961.39990	335.96	0	48.825855	-86.923038	56431.24	56256.3	-6.33	56424.91	56424.91016	56488.20041	56488.19922	505648.8	5408100.1
T8100.1	505649.6	5408100.0	5961.50000	336.30	0	48.825855	-86.923027	56432.26	56256.3	-6.33	56425.93	56425.92969	56493.63303	56493.63281	505649.6	5408100.0
T8100.1	505649.6	5408100.0	5961.60010	335.66	0	48.825855	-86.923027	56433.20	56256.3	-6.33	56426.87	56426.87109	56497.43288	56497.43359	505649.6	5408100.0
T8100.1	505650.3	5408100.0	5961.70020	335.49	0	48.825854	-86.923018	56434.22	56256.3	-6.33	56427.89	56427.89063	56503.23512	56503.23438	505650.3	5408100.0
T8100.1	505650.3	5408100.0	5961.79981	335.86	0	48.825854	-86.923018	56434.73	56256.3	-6.34	56428.40	56428.39844	56497.57665	56497.57813	505650.3	5408100.0
T8100.1	505651.2	5408099.9	5961.89990	337.08	0	48.825854	-86.923005	56435.83	56256.3	-6.34	56429.49	56429.48828	56505.34294	56505.34375	505651.2	5408099.9
T8100.1	505651.8	5408099.9	5962.00000	335.82	0	48.825854	-86.922997	56436.75	56256.3	-6.34	56430.41	56430.41016	56509.43125	56509.42969	505651.8	5408099.9
T8100.1	505651.8	5408099.9	5962.10010	336.75	0	48.825854	-86.922997	56437.82	56256.3	-6.34	56431.48	56431.48047	56517.16892	56517.16797	505651.8	5408099.9
T8100.1	505652.5	5408099.9	5962.20020	335.44	0	48.825853	-86.922987	56438.46	56256.3	-6.34	56432.11	56432.10938	56515.01812	56515.01953	505652.5	5408099.9
T8100.1	505653.0	5408099.8	5962.29981	334.55	0	48.825853	-86.922980	56439.43	56256.3	-6.35	56433.08	56433.07813	56520.89809	56520.89844	505653.0	5408099.8
T8100.1	505653.8	5408099.8	5962.39990	335.21	0	48.825853	-86.922969	56440.09	56256.3	-6.35	56433.75	56433.75000	56520.09617	56520.09766	505653.8	5408099.8
T8100.1	505654.2	5408099.8	5962.50000	335.44	0	48.825853	-86.922964	56441.09	56256.3	-6.35	56434.74	56434.73828	56526.89387	56526.89453	505654.2	5408099.8
T8100.1	505654.2	5408099.8	5962.60010	334.20	0	48.825853	-86.922964	56441.78	56256.4	-6.35	56435.43	56435.42969	56526.99028	56526.99219	505654.2	5408099.8
T8100.1	505655.0	5408099.8	5962.70020	334.19	0	48.825853	-86.922953	56442.57	56256.4	-6.35	56436.21	56436.21094	56529.38751	56529.38672	505655.0	5408099.8
T8100.1	505655.6	5408099.8	5962.79981	334.81	0	48.825853	-86.922945	56443.39	56256.4	-6.36	56437.03	56437.03125	56532.93758	56532.93750	505655.6	5408099.8
T8100.1	505655.6	5408099.8	5962.89990	334.45	0	48.825853	-86.922945	56443.95	56256.4	-6.36	56437.59	56437.58984	56530.67386	56530.67578	505655.6	5408099.8
T8100.1	505656.3	5408099.9	5963.00000	334.59	0	48.825853	-86.922936	56444.71	56256.4	-6.36	56438.35	56438.35156	56533.27778	56533.27734	505656.3	5408099.9
T8100.1	505656.7	5408099.9	5963.10010	335.03	0	48.825853	-86.922930	56445.48	56256.4	-6.36	56439.12	56439.12109	56536.34102	56536.33984	505656.7	5408099.9
T8100.1	505657.3	5408099.9	5963.20020	334.85	0	48.825854	-86.922922	56446.22	56256.4	-6.36	56439.86	56439.85938	56538.92995	56538.92969	505657.3	5408099.9
T8100.1	505657.3	5408099.9	5963.29981	337.44	0	48.825854	-86.922922	56446.81	56256.4	-6.35	56440.45	56440.44922	56538.23374	56538.23438	505657.3	5408099.9
T8100.1	505658.0	5408100.0	5963.39990	337.27	0	48.825854	-86.922912	56447.46	56256.4	-6.35	56441.11	56441.10938	56539.38350	56539.38281	505658.0	5408100.0
T8100.1	505658.5	5408100.0	5963.50000	338.20	0	48.825854	-86.922906	56448.39	56256.3	-6.35	56442.04	56442.03906	56547.06095	56547.06250	505658.5	5408100.0
T8100.1	505658.5	5408100.0	5963.60010	338.88	0	48.825854	-86.922906	56449.08	56256.3	-6.35	56442.73	56442.73047	56549.32598	56549.32422	505658.5	5408100.0
T8100.1	505659.0	5408100.0	5963.70020	338.04	0	48.825855	-86.922899	56449.97	56256.3	-6.35	56443.62	56443.62109	56556.46508	56556.46484	505659.0	5408100.0
T8100.1	505659.4	5408100.1	5963.79981	336.22	0	48.825855	-86.922894	56450.45	56256.3	-6.34	56444.11	56444.10938	56554.42212	56554.42188	505659.4	5408100.1
T8100.1	505659.9	5408100.1	5963.89990	336.84	0	48.825856	-86.922886	56451.30	56256.3	-6.34	56444.96	56444.96094	56560.97459	56560.97266	505659.9	5408100.1
T8100.1	505659.9	5408100.1	5964.00000	337.58	0	48.825856	-86.922886	56451.76	56256.3	-6.34	56445.42	56445.42188	56558.57687	56558.57813	505659.9	5408100.1
T8100.1	505660.4	5408100.2	5964.10010	337.50	0	48.825856	-86.922880	56452.24	56256.3	-6.34	56445.90	56445.89844	56556.82349	56556.82422	505660.4	5408100.2
T8100.1	505660.8	5408100.2	5964.20020	335.10	0	48.825856	-86.922874	56452.57	56256.3	-6.34	56446.23	56446.23047	56551.76309	56551.76172	505660.8	5408100.2
T8100.1	505660.8	5408100.2	5964.29981	336.42	0	48.825856	-86.922874	56453.18	56256.3	-6.34	56446.84	56446.83984	56553.38742	56553.38672	505660.8	5408100.2
T8100.1	505661.2	5408100.3	5964.39990	335.52	0	48.825857	-86.922868	56453.77	56256.3	-6.34	56447.43	56447.42969	56554.70872	56554.70703	505661.2	5408100.3
T8100.1	505661.6	5408100.3	5964.50000	333.15	0	48.825857	-86.922863	56454.11	56256.3	-6.35	56447.76	56447.76172	56550.21575	56550.21484	505661.6	5408100.3
T8100.1	505662.0	5408100.3	5964.60010	332.91	0	48.825857	-86.922858	56454.54	56256.3	-6.35	56448.19	56448.19141	56548.22049	56548.21875	505662.0	5408100.3
T8100.1	505662.0	5408100.3	5964.70020	333.01	0	48.825857	-86.922858	56454.79	56256.3	-6.35	56448.45	56448.44922	56542.55343	56542.55469	505662.0	5408100.3
T8100.1	505662.2	5408100.3	5964.79981	333.63	0	48.825857	-86.922855	56455.48	56256.3	-6.35	56449.13	56449.12891	56546.61812	56546.61719	505662.2	5408100.3
T8100.1	505662.6	5408100.4	5964.89990	334.17	0	48.825858	-86.922850	56456.12	56256.3	-6.35	56449.77	56449.76953	56549.92646	56549.92578	505662.6	5408100.4
T8100.1	505662.6	5408100.4	5965.00000	334.59	0	48.825858	-86.922850	56456.43	56256.3	-6.35	56450.08	56450.07813	56546.03062	56546.03125	505662.6	5408100.4
T8100.1	505662.9	5408100.4	5965.10010	334.60	0	48.825858	-86.922846	56456.56	56256.4	-6.35	56450.20	56450.19922	56538.17489	56538.17578	505662.9	5408100.4
T8100.1	505663.1	5408100.4	5965.20020	332.65	0	48.825858	-86.922843	56456.81	56256.4	-6.35	56450.46	56450.46094	56533.71385	56533.71484	505663.1	5408100.4
T8100.1	505663.1	5408100.4	5965.29981	332.13	0	48.825858	-86.922843	56457.17	56256.4	-6.36	56450.81	56450.80859	56531.49455	56531.49609	505663.1	5408100.4
T8100.1	505663.4	5408100.4	5965.39990	333.24	0	48.825858	-86.922840	56457.45	56256.4	-6.36	56451.09	56451.08984	56527.98268	56527.98438	505663.4	5408100.4
T8100.1	505663.5	5408100.4	5965.50000	334.41	0	48.825857	-86.922838	56457.68	56256.4	-6.36	56451.32	56451.32031	56523.62844	56523.62891	505663.5	5408100.4
T8100.1	505663.7	5408100.3	5965.60010	332.77	0	48.825857	-86.922835	56457.83	56256.4	-6.36	56451.47	56451.46875	56517.79574	56517.79688	505663.7	5408100.3
T8640.0	505897.6	5408641.1	7186.00000	319.52	20.53	48.830720	-86.919640	56343.55	56250.7	-0.69	56342.86	56342.85938	56412.41386	56412.41406	505897.6	5408641.1
T8640.0	505897.2	5408641.1	7186.20020	318.93	20.53	48.830720	-86.919645	56342.78	56250.7	-0.69	56342.09	56342.08984	56401.36378	56401.36328	505897.2	5408641.1
T8640.0	505896.9	5408641.1	7186.29981	320.48	20.53	48.830720	-86.919650	56341.99	56250.7	-0.69	56341.31	56341.30859	56389.85964	56389.85938	505896.9	5408641.1
T8640.0	505896.6	5408641.1	7186.39990	319.64	20.53	48.830720	-86.919654	56341.15	56250.7	-0.69	56340.46	56340.46094	56376.69559	56376.69531	505896.6	5408641.1
T8640.0	505896.2	5408641.1	7186.50000	318.65	20.66	48.830720	-86.919660	56340.41	56250.7	-0.68	56339.72	56339.71875	56365.45087	56365.44922	505896.2	5408641.1
T8640.0	505896.2	5408641.1	7186.60010	320.24	21.86	48.830720	-86.919660	56339.57	56250.7	-0.68	56338.88	56338.87891	56351.93783	56351.93750	505896.2	5408641.1
T8640.0	505895.7	5408641.1	7186.70020	322.00	21.86	48.830720	-86.919666	56338.82	56250.7	-0.68	56338.14	56338.14063	56340.19617	56340.19531	505895.7	5408641.1
T8640.0	505895.3	5408641.1	7186.79981	322.20	22.15	48.830720	-86.919672	56338.12	56250.7	-0.68	56337.44	56337.44141	56329.04942	56329.05078	505895.3	5408641.1

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
T8640.0	505894.8	5408641.0	7186.89990	322.28	18.27	48.830719	-86.919678	56337.50	56250.7	-0.68	56336.82	56336.82031	56319.34981	56319.35156	505894.8	5408641.0
T8640.0	505894.4	5408641.0	7187.00000	322.54	18.27	48.830719	-86.919684	56336.89	56250.7	-0.68	56336.21	56336.21094	56309.68402	56309.68359	505894.4	5408641.0
T8640.0	505894.4	5408641.0	7187.00000	322.54	17.65	48.830719	-86.919684	56336.38	56250.7	-0.68	56335.70	56335.69922	56301.94065	56301.94141	505894.4	5408641.0
T8640.0	505893.9	5408640.9	7187.10010	323.20	17.65	48.830718	-86.919691	56335.95	56250.7	-0.68	56335.27	56335.26953	56295.74008	56295.73828	505893.9	5408640.9
T8640.0	505893.4	5408640.9	7187.20020	321.94	16.51	48.830718	-86.919698	56335.71	56250.7	-0.67	56335.04	56335.03906	56293.63425	56293.63281	505893.4	5408640.9
T8640.0	505893.4	5408640.9	7187.39990	321.51	18.58	48.830718	-86.919698	56335.41	56250.7	-0.67	56334.75	56334.75000	56290.18155	56290.17969	505893.4	5408640.9
T8640.0	505892.8	5408640.8	7187.50000	322.28	18.58	48.830717	-86.919705	56335.13	56250.7	-0.67	56334.46	56334.46094	56286.63521	56286.63672	505892.8	5408640.8
T8640.0	505892.4	5408640.7	7187.60010	323.23	23.64	48.830716	-86.919711	56335.05	56250.7	-0.66	56334.38	56334.37891	56287.45130	56287.45313	505892.4	5408640.7
T8640.0	505891.9	5408640.6	7187.70020	321.94	23.64	48.830716	-86.919718	56334.77	56250.7	-0.66	56334.11	56334.10938	56284.15564	56284.15625	505891.9	5408640.6
T8640.0	505891.4	5408640.5	7187.79981	321.97	20.01	48.830715	-86.919725	56334.62	56250.7	-0.66	56333.96	56333.96094	56283.33045	56283.33203	505891.4	5408640.5
T8640.0	505891.4	5408640.5	7187.89990	322.39	19.83	48.830715	-86.919725	56334.46	56250.7	-0.65	56333.81	56333.80859	56282.43693	56282.43750	505891.4	5408640.5
T8640.0	505890.9	5408640.5	7188.00000	321.88	19.83	48.830714	-86.919732	56334.34	56250.7	-0.65	56333.69	56333.69141	56282.11855	56282.11719	505890.9	5408640.5
T8640.0	505890.5	5408640.4	7188.00000	320.89	20.09	48.830714	-86.919738	56334.26	56250.7	-0.65	56333.61	56333.60938	56282.58120	56282.58203	505890.5	5408640.4
T8640.0	505889.8	5408640.4	7188.20020	322.19	20.17	48.830713	-86.919747	56334.23	56250.6	-0.65	56333.59	56333.58984	56284.24936	56284.25000	505889.8	5408640.4
T8640.0	505889.3	5408640.3	7188.29981	322.42	20.17	48.830713	-86.919753	56334.06	56250.6	-0.64	56333.42	56333.42188	56282.65930	56282.66016	505889.3	5408640.3
T8640.0	505889.3	5408640.3	7188.39990	321.18	21.79	48.830713	-86.919753	56334.03	56250.6	-0.64	56333.39	56333.39063	56283.96987	56283.96875	505889.3	5408640.3
T8640.0	505888.8	5408640.3	7188.50000	321.58	22.67	48.830712	-86.919760	56333.95	56250.6	-0.64	56333.31	56333.30859	56284.14001	56284.14063	505888.8	5408640.3
T8640.0	505888.3	5408640.2	7188.60010	321.20	22.67	48.830712	-86.919767	56333.98	56250.6	-0.64	56333.34	56333.33984	56286.53925	56286.53906	505888.3	5408640.2
T8640.0	505887.8	5408640.2	7188.70020	320.68	20.46	48.830712	-86.919774	56333.92	56250.6	-0.64	56333.29	56333.28906	56287.15980	56287.16016	505887.8	5408640.2
T8640.0	505887.1	5408640.2	7188.79981	320.91	20.46	48.830712	-86.919784	56333.90	56250.6	-0.63	56333.27	56333.26953	56288.30911	56288.30859	505887.1	5408640.2
T8640.0	505887.1	5408640.2	7188.89990	322.29	22.25	48.830712	-86.919784	56334.03	56250.6	-0.63	56333.40	56333.39844	56292.44634	56292.44531	505887.1	5408640.2
T8640.0	505886.5	5408640.2	7189.00000	323.00	22.25	48.830711	-86.919792	56334.03	56250.6	-0.63	56333.40	56333.39844	56293.75707	56293.75781	505886.5	5408640.2
T8640.0	505885.8	5408640.1	7189.00000	322.69	22.25	48.830711	-86.919801	56334.16	56250.6	-0.63	56333.53	56333.53125	56297.58922	56297.58984	505885.8	5408640.1
T8640.0	505885.2	5408640.1	7189.10010	321.87	21.11	48.830711	-86.919810	56334.11	56250.6	-0.63	56333.48	56333.48047	56297.58978	56297.58984	505885.2	5408640.1
T8640.0	505884.6	5408640.1	7189.20020	323.09	21.97	48.830711	-86.919818	56334.23	56250.6	-0.63	56333.60	56333.60156	56300.89090	56300.89063	505884.6	5408640.1
T8640.0	505884.1	5408640.1	7189.39990	321.53	21.97	48.830711	-86.919825	56334.31	56250.6	-0.63	56333.68	56333.67969	56303.21645	56303.21484	505884.1	5408640.1
T8640.0	505884.1	5408640.1	7189.39990	320.45	21.24	48.830711	-86.919825	56334.41	56250.6	-0.63	56333.78	56333.78125	56305.79976	56305.80078	505884.1	5408640.1
T8640.0	505883.5	5408640.2	7189.60010	319.64	22.08	48.830712	-86.919832	56334.56	56250.6	-0.64	56333.93	56333.92969	56309.25852	56309.25781	505883.5	5408640.2
T8640.0	505883.0	5408640.2	7189.60010	319.00	22.08	48.830712	-86.919840	56334.64	56250.6	-0.64	56334.01	56334.01172	56311.18449	56311.18359	505883.0	5408640.2
T8640.0	505882.3	5408640.2	7189.79981	319.30	22.2	48.830712	-86.919849	56334.74	56250.6	-0.64	56334.10	56334.10156	56313.20309	56313.20313	505882.3	5408640.2
T8640.0	505881.6	5408640.2	7189.79981	318.81	22.2	48.830712	-86.919858	56334.79	56250.6	-0.64	56334.15	56334.14844	56314.31301	56314.31250	505881.6	5408640.2
T8640.0	505881.6	5408640.2	7190.00000	317.82	22.12	48.830712	-86.919858	56334.92	56250.6	-0.64	56334.28	56334.28125	56316.95240	56316.95313	505881.6	5408640.2
T8640.0	505880.7	5408640.2	7190.00000	319.32	22.18	48.830712	-86.919871	56335.03	56250.6	-0.64	56334.39	56334.39063	56319.10577	56319.10547	505880.7	5408640.2
T8640.0	505880.1	5408640.2	7190.10010	318.43	22.14	48.830712	-86.919879	56335.13	56250.6	-0.64	56334.49	56334.48828	56320.98114	56320.98047	505880.1	5408640.2
T8640.0	505879.4	5408640.2	7190.20020	319.04	22.14	48.830712	-86.919889	56335.28	56250.6	-0.64	56334.64	56334.64063	56323.81085	56323.81250	505879.4	5408640.2
T8640.0	505878.8	5408640.3	7190.39990	319.67	24.46	48.830712	-86.919897	56335.36	56250.6	-0.63	56334.72	56334.71875	56325.14757	56325.14844	505878.8	5408640.3
T8640.0	505878.0	5408640.3	7190.50000	322.07	24.46	48.830713	-86.919907	56335.52	56250.6	-0.63	56334.89	56334.89063	56328.27740	56328.27734	505878.0	5408640.3
T8640.0	505878.0	5408640.3	7190.60010	323.55	23.31	48.830713	-86.919907	56335.61	56250.6	-0.63	56334.98	56334.98047	56329.71149	56329.71094	505878.0	5408640.3
T8640.0	505877.2	5408640.3	7190.70020	323.75	18.76	48.830713	-86.919918	56335.74	56250.6	-0.63	56335.12	56335.12109	56332.13399	56332.13281	505877.2	5408640.3
T8640.0	505876.6	5408640.3	7190.79981	324.54	18.76	48.830713	-86.919927	56335.86	56250.6	-0.62	56335.24	56335.23828	56334.10404	56334.10547	505876.6	5408640.3
T8640.0	505876.0	5408640.4	7190.89990	323.19	15.23	48.830713	-86.919935	56335.97	56250.6	-0.62	56335.35	56335.35156	56335.83019	56335.83203	505876.0	5408640.4
T8640.0	505875.0	5408640.4	7191.00000	323.11	15.23	48.830714	-86.919948	56336.20	56250.6	-0.62	56335.57	56335.57031	56339.81869	56339.82031	505875.0	5408640.4
T8640.0	505874.2	5408640.4	7191.10010	322.34	20.78	48.830714	-86.919959	56336.25	56250.6	-0.62	56335.64	56335.64063	56340.64558	56340.64453	505874.2	5408640.4
T8640.0	505874.2	5408640.4	7191.10010	324.34	20.78	48.830714	-86.919959	56336.40	56250.6	-0.62	56335.78	56335.78125	56342.90279	56342.90234	505874.2	5408640.4
T8640.0	505873.2	5408640.5	7191.20020	325.04	20.08	48.830714	-86.919972	56336.66	56250.6	-0.62	56336.04	56336.03906	56347.63120	56347.63281	505873.2	5408640.5
T8640.0	505872.4	5408640.5	7191.39990	322.08	18.25	48.830715	-86.919984	56336.68	56250.6	-0.61	56336.07	56336.07031	56347.52744	56347.52734	505872.4	5408640.5
T8640.0	505871.4	5408640.6	7191.50000	319.99	18.25	48.830715	-86.919997	56336.84	56250.6	-0.61	56336.23	56336.23047	56350.10011	56350.10156	505871.4	5408640.6
T8640.0	505870.6	5408640.6	7191.60010	319.94	22.85	48.830716	-86.920009	56336.96	56250.6	-0.61	56336.35	56336.35156	56351.80976	56351.80859	505870.6	5408640.6
T8640.0	505870.6	5408640.6	7191.70020	319.38	22.85	48.830716	-86.920009	56337.07	56250.6	-0.61	56336.46	56336.46094	56353.28556	56353.28516	505870.6	5408640.6
T8640.0	505869.7	5408640.6	7191.79981	319.11	21.53	48.830716	-86.920020	56337.24	56250.6	-0.60	56336.64	56336.64063	56356.16400	56356.16406	505869.7	5408640.6
T8640.0	505868.9	5408640.7	7191.89990	318.64	17.85	48.830716	-86.920032	56337.35	56250.6	-0.60	56336.75	56336.75000	56357.58856	56357.58984	505868.9	5408640.7
T8640.0	505868.9	5408640.7	7192.00000	319.80	17.85	48.830716	-86.920032	56337.50	56250.6	-0.60	56336.90	56336.89844	56359.80518	56359.80469	505868.9	5408640.7
T8640.0	505867.8	5408640.7	7192.00000	319.97	21.54	48.830717	-86.920046	56337.61	56250.6	-0.60	56337.01	56337.01172	56361.21650	56361.21484	505867.8	5408640.7
T8640.0	505867.0	5408640.8	7192.20020	323.21	25.15	48.830717	-86.920058	56337.68	56250.6	-0.60	56337.08	56337.07813	56361.85857	56361.85938	505867.0	5408640.8
T8640.0	505866.2	5408640.8	7192.29981	323.05	25.15	48.830718	-86.920069	56337.73	56250.6	-0.60	56337.13	56337.12891	56362.16005	56362.16016	505866.2	5408640.8
T8640.0	505865.0	5408640.9	7192.39990	322.71	20.68	48.830718	-86.920085	56337.84	56250.6	-0.60	56337.24	56337.23828	56363.69592	56363.69531	505865.0	5408640.9
T8640.0	505865.0	5408640.9	7192.50000	322.92	20.84	48.830718	-86.920085	56337.91	56250.6	-0.60	56337.31	56337.30859	56364.52429	56364.52344	505865.0	5408640.9
T8640.0	505864.1	5408640.9	7192.60010	321.44	20.84	48.830719	-86.920097	56337.98	56250.6	-0.60	56337.38	56337.37891	56365.43372	56365.43359	505864.1	5408640.9
T8640.0	505863.1	5408641.0	7192.70020	318.49	20.87	48.830719	-86.920110	56338.04	56250.6	-0.60	56337.44	56337.44141	56366.24216	56366.24219	505863.1	5408641.0
T8640.0	505862.4	5408641.0	7192.79981	318.27	23.47	48.830720	-86.920121	56338.09	56250.6	-0.60	56337.49	56337.48828	56366.96023	56366.96094	505862.4	5408641.0
T8640.0	505862.4	5408641.0	7192.89990	317.99	23.47	48.830720	-86.920121	56338.24	56250.6	-0.60	56337.64	56337.64063	56369.66936	56369.66797	505862.4	5408641.0
T8640.0	505861.0	5408641.1	7193.00000	317.72	22.71	48.830720	-86.920138	56338.19	56250.6	-0.60	56337.59	56337.58984	56368.72493	56368.72656	505861.0	5408641.1
T8640.0	505860.0	5408641.1	7193.00000	316.40	21.07	48.830721	-86.920153	56338.24	56250.6	-0.60	56337.64	56337.64063	56369.78754	56369.78906	505860.0	5408641.1
T8640.0	505859.3	5408641.2	7193.10010	317.04	21.07	48.830721	-86.920162	56338.37	56250.6	-0.60	56337.77	56337.76953	56372.47812	56372.47656	505859.3	5408641.2
T8640.0	505858.3	5408641.2	7193.20020	317.55	21.06	48.830721	-86.920175	56338.37	56250.6	-0.59	56337.77	56337.76953	56372.88197	56372.88281	505858.3	5408641.2
T8640.0	505857.4	5408641.2	7193.39990	318.35	21.06	48.830721	-86.920188	56338.40	56250.6	-0.59	56337.81	56337.80859	56374.18805	56374.18750	505857.4	5408641.2
T8640.0	505857.4	5408641.2	7193.50000	319.23	21.49	48.830721	-86.920188	56338.42	56250.6	-0.58	56337.83	56337.82813	56375.28613	56375.28516	505857.4	5408641.2
T8640.0	505856.2	5408641.3	7193.60010	319.68	21.49	48.830722	-86.920204	56338.38	56250.6	-0.58	56337.79	56337.78906	56375.43777	56375.43750	505856.2	5408641.3
T8640.0	505855.4	5408641.3	7193.70020	318.68	20.32	48.830722	-86.920216	56338.39	56250.6	-0.58	56337.82	56337.82031	56377.08242	56377.08203	505855.4	5408641.3
T8640.0	505854.3	5408641.4	7193.79981	317.54	20.32	48.830723	-86.920230	56338.54	56250.6	-0.58	56337.97	56337.96875	56381.18022	56381.17969	505854.3	5408641.4
T8640.0	505852.8	5408641.4	7193.89990	319.23	23.83	48.830723	-86.920251	56338.50	56250.6	-0.57	56337.92	56337.92188	56381.72704	56381.72656	505852.8	5408641.4
T8640.0	505852.8	5408641.4	7194.00000	320.21	23.83	48.830723	-86.920251	56338.54	56250.6	-0.57	56337.97	56337.96875	56384.37576	56384.37500	505852.8	5408641.4
T8640.0	505851.7	5408641.4	7194.00000	318.20	26.4	48.830723	-86.920265	56338.50	56250.6	-0.57	56337.93	56337.92969	56385.53948	56385.53906	505851.7	5408641.4
T8640.0	505850.7	5408641.5	7194.20020	316.63	26.4	48.830724	-86.920280	56338.52	56250.6	-0.57	56337.95	56337.94922	56388.07534	56388.07422	505850.7	5408641.5
T8640.0	505850.7	5408641.5	7194.29981	315.22	27.16	48.830724	-86.920280	56338.42	56250.6	-0.57	56337.85	56337.85156	56388.53385	56388.53516	505850.7	5408641.5
T8640.0	505848.4	5408641.5	7194.39990	317.90	27.16	48.830724	-86.920311	56338.42	56250.6	-0.57	56337.85	56337.85156	56391.15581	56391.15625	505848.4	5408641.5
T8640.0	505848.4	5408641.5	7194.50000	317.26	27.11	48.830724	-86.920311	56338.32	56250.6	-0.57	56337.75	56337.75000	56392.07071	56392.07031	505848.4	5408641.5
T8640.0	505847.1	5408641.6	7194.60010	318.46	27.11	48.830724	-86.920328	56338.40	56250.6	-0.57	56337.83	56337.82813	56396.77034	56396.76953	505847.1	5408641.6
T8640.0	505846.0	5408641.6	7194.70020	320.02	18.7	48.830725	-86.920343	56338.26	56250.6	-0.57	56337.69	56337.69141	56397.37959	56397.37891	505846.0	5408641.6
T8640.0	505846.0	5408641.6	7194.79981	319.56	18.7	48.830725	-86.920343	56338.26	56250.6	-0.57	56337.69	56337.69141	56401.00857	56401.00781	505846.0	5408641.6
T8640.0	505844.4	5408641.6	7194.89990	320.29	26.35	48.830725	-86.920366	56338.14	56250.6	-0.57	56337.57	56337.57031	56402.46055	56402.46094	505844.4	5408641.6
T8640.0	505843.7	5408641.7	7195.00000	321.49	26.71	48.830725	-86.920375	56338.09	56250.6	-0.57	56337.52	56337.51953	56405.53724	56405.53906	505843.7	5408641.7
T8640.0	505842.6	5408641.7	7195.00000	324.37	26.71	48.830726	-86.920390	56337.96	56250.6	-0.57	56337.39	56337.39063	56407.18491	56407.18359	505842.6	5408641.7
T8640.0	505842.6	5408641.7	7195.10010	323.90	26.02	48.830726	-86.920390	56337.83	56250.6	-0.57	56337.26	56337.26172	56409.01023	56409.01172	505842.6	5408641.7
T8640.0	505841.3	5408641.7	7195.29981	321.01	26.02	48.830726	-86.920408	56337.61	56250.6	-0.57	56337.04	56337.03906	56409.14068	56409.14063	505841.3	5408641.7
T8640.0	505840.0	5408641.7	7195.39990	322.64	26.02	48.830726	-86.920425	56337.48	56250.6	-0.57	56336.91	56336.91016	56411.27171	56411.27344	505840.0	5408641.7
T8640.0	505838.9	5408641.7	7195.50000	323.28	23.93	48.830726	-86.920440	56337.20	56250.6	-0.57	56336.63	56336.62891	56410.44224	56410.44141	505838.9	5408641.7
T8640.0	505838.9	5408641.7	7195.60010	321.98	23.59	48.830726	-86.920440	56337.01	56250.6	-0.56	56336.45	56336.44922	56411.81553	56411.81641	505838.9	5408641.7
T8640.0	505837.7	5408641.8	7195.70020	321.81	22.88	48.830726	-86.920456	56336.68	56250.6	-0.56	56336.12	56336.12109	56410.22543	56410.22656	505837.7	5408641.8
T8640.0	505836.6	5408641.8	7195.79981	322.72	22.88	48.830726	-86.920472	56336.46	56250.6	-0.56	56335.90	56335.89844	56411.03738	56411.03906	505836.6	5408641.8
T8640.0	505835.0	5408641.8	7195.89990	322.38	24.96	48.830727	-86.920493	56336.20	56250.6	-0.56	56335.64	56335.64063	56411.15613	56411.15625	505835.0	5408641.8
T8640.0	505835.0	5408641.8	7196.00000	322.49	24.96	48.830727	-86.920493	56335.86	56250.6	-0.56	56335.30	56335.30078	56409.77949	56409.78125	505835.0	5408641.8
T8640.0	505833.9	5408641.8	7196.00000	322.31	24.96	48.830727	-86.920508	56335.56	56250.6	-0.56	56335.00	56335.00000	56409.36574	56409.36719	505833.9	5408641.8

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
T8640.0	505832.8	5408641.8	7196.20020	319.61	25.01	48.830727	-86.920524	56335.18	56250.6	-0.56	56334.63	56334.62891	56407.70191	56407.70313	505832.8	5408641.8
T8640.0	505831.4	5408641.8	7196.29981	320.76	24.28	48.830727	-86.920543	56334.82	56250.6	-0.56	56334.26	56334.26172	56406.22024	56406.21875	505831.4	5408641.8
T8640.0	505831.4	5408641.8	7196.39990	322.21	24.28	48.830727	-86.920543	56334.46	56250.6	-0.56	56333.91	56333.91016	56405.32395	56405.32422	505831.4	5408641.8
T8640.0	505830.0	5408641.8	7196.50000	319.98	20.85	48.830727	-86.920561	56334.03	56250.6	-0.56	56333.48	56333.48047	56403.06975	56403.07031	505830.0	5408641.8
T8640.0	505828.9	5408641.8	7196.60010	319.89	20.85	48.830727	-86.920577	56333.63	56250.6	-0.55	56333.07	56333.07031	56401.43569	56401.43750	505828.9	5408641.8
T8640.0	505827.7	5408641.8	7196.70020	317.23	21.21	48.830727	-86.920593	56333.16	56250.6	-0.55	56332.61	56332.60938	56399.08888	56399.08984	505827.7	5408641.8
T8640.0	505827.7	5408641.8	7196.79981	317.37	24.32	48.830727	-86.920593	56332.68	56250.6	-0.55	56332.12	56332.12109	56396.44223	56396.44141	505827.7	5408641.8
T8640.0	505826.4	5408641.8	7196.89990	317.35	24.32	48.830727	-86.920611	56332.20	56250.6	-0.55	56331.65	56331.64844	56394.44749	56394.44922	505826.4	5408641.8
T8640.0	505825.2	5408641.8	7197.00000	316.52	24.85	48.830727	-86.920626	56331.73	56250.6	-0.55	56331.18	56331.17969	56392.72913	56392.73047	505825.2	5408641.8
T8640.0	505824.1	5408641.8	7197.00000	317.80	24.85	48.830726	-86.920642	56331.18	56250.6	-0.55	56330.63	56330.62891	56389.83089	56389.83203	505824.1	5408641.8
T8640.0	505824.1	5408641.8	7197.10010	316.47	25.18	48.830726	-86.920642	56330.63	56250.5	-0.55	56330.09	56330.08984	56387.41737	56387.41797	505824.1	5408641.8
T8640.0	505822.9	5408641.7	7197.20020	316.58	26.36	48.830726	-86.920658	56330.08	56250.5	-0.54	56329.53	56329.53125	56384.94090	56384.94141	505822.9	5408641.7
T8640.0	505821.6	5408641.7	7197.39990	316.26	21.61	48.830726	-86.920676	56329.43	56250.5	-0.54	56328.90	56328.89844	56381.50826	56381.50781	505821.6	5408641.7
T8640.0	505820.4	5408641.7	7197.50000	318.59	21.61	48.830726	-86.920693	56328.75	56250.5	-0.54	56328.21	56328.21094	56377.30383	56377.30469	505820.4	5408641.7
T8640.0	505819.4	5408641.7	7197.60010	317.52	17.68	48.830726	-86.920706	56328.01	56250.5	-0.53	56327.48	56327.48047	56372.67628	56372.67578	505819.4	5408641.7
T8640.0	505818.2	5408641.7	7197.70020	317.95	21.18	48.830726	-86.920723	56327.39	56250.5	-0.53	56326.86	56326.85938	56370.27577	56370.27734	505818.2	5408641.7
T8640.0	505818.2	5408641.7	7197.79981	318.29	21.18	48.830726	-86.920723	56326.76	56250.5	-0.53	56326.23	56326.23047	56367.93915	56367.93750	505818.2	5408641.7
T8640.0	505816.8	5408641.7	7197.89990	317.13	25.13	48.830726	-86.920741	56326.12	56250.5	-0.52	56325.60	56325.60156	56365.82435	56365.82422	505816.8	5408641.7
T8640.0	505815.6	5408641.7	7198.00000	318.36	27.26	48.830726	-86.920757	56325.58	56250.5	-0.52	56325.06	56325.05859	56365.53046	56365.53125	505815.6	5408641.7
T8640.0	505815.6	5408641.7	7198.00000	317.25	22.25	48.830726	-86.920757	56324.91	56250.5	-0.52	56324.39	56324.39063	56363.09767	56363.09766	505815.6	5408641.7
T8640.0	505814.2	5408641.7	7198.20020	317.35	22.25	48.830726	-86.920776	56324.26	56250.5	-0.52	56323.74	56323.73828	56361.20072	56361.19922	505814.2	5408641.7
T8640.0	505813.0	5408641.6	7198.29981	317.09	24.32	48.830726	-86.920793	56323.56	56250.5	-0.52	56323.05	56323.05078	56358.73624	56358.73438	505813.0	5408641.6
T8640.0	505812.2	5408641.6	7198.39990	317.01	26.32	48.830726	-86.920804	56322.80	56250.5	-0.52	56322.29	56322.28906	56355.12512	56355.12500	505812.2	5408641.6
T8640.0	505811.2	5408641.6	7198.50000	318.16	26.32	48.830726	-86.920817	56322.04	56250.5	-0.51	56321.52	56321.51953	56351.44277	56351.44141	505811.2	5408641.6
T8640.0	505809.8	5408641.6	7198.60010	317.96	27.8	48.830726	-86.920837	56321.32	56250.5	-0.51	56320.81	56320.80859	56348.97831	56348.97656	505809.8	5408641.6
T8640.0	505808.6	5408641.6	7198.70020	319.78	27.61	48.830726	-86.920853	56320.45	56250.5	-0.51	56319.94	56319.94141	56343.62738	56343.62891	505808.6	5408641.6
T8640.0	505808.6	5408641.6	7198.79981	320.35	26.11	48.830726	-86.920853	56319.82	56250.5	-0.51	56319.30	56319.30078	56342.66986	56342.66797	505808.6	5408641.6
T8640.0	505807.3	5408641.6	7198.89990	319.69	26.11	48.830726	-86.920870	56319.03	56250.5	-0.51	56318.52	56318.51953	56339.17671	56339.17578	505807.3	5408641.6
T8640.0	505807.3	5408641.6	7199.00000	319.99	22.88	48.830726	-86.920870	56318.31	56250.5	-0.51	56317.80	56317.80078	56336.90579	56336.90625	505807.3	5408641.6
T8640.0	505804.4	5408641.7	7199.10010	319.34	22.88	48.830726	-86.920910	56317.57	56250.5	-0.51	56317.06	56317.05859	56334.34871	56334.34766	505804.4	5408641.7
T8640.0	505804.4	5408641.7	7199.10010	319.16	27.25	48.830726	-86.920910	56316.78	56250.5	-0.51	56316.27	56316.26953	56330.93480	56330.93359	505804.4	5408641.7
T8640.0	505803.4	5408641.7	7199.20020	318.68	13.5	48.830726	-86.920924	56316.09	56250.5	-0.51	56315.58	56315.57813	56329.51429	56329.51563	505803.4	5408641.7
T8640.0	505802.1	5408641.7	7199.39990	320.42	15.23	48.830726	-86.920942	56315.38	56250.5	-0.51	56314.86	56314.85938	56327.61822	56327.61719	505802.1	5408641.7
T8640.0	505800.9	5408641.7	7199.50000	320.26	22.85	48.830726	-86.920958	56314.66	56250.5	-0.51	56314.15	56314.14844	56326.00465	56326.00391	505800.9	5408641.7
T8640.0	505799.8	5408641.7	7199.60010	319.02	22.85	48.830726	-86.920973	56313.89	56250.5	-0.52	56313.38	56313.37891	56323.35074	56323.35156	505799.8	5408641.7
T8640.0	505798.8	5408641.7	7199.70020	320.53	29.88	48.830726	-86.920987	56313.15	56250.5	-0.52	56312.64	56312.64063	56321.35799	56321.35938	505798.8	5408641.7
T8640.0	505797.5	5408641.7	7199.79981	320.12	29.88	48.830726	-86.921004	56312.39	56250.5	-0.52	56311.88	56311.87891	56319.08442	56319.08594	505797.5	5408641.7
T8640.0	505797.5	5408641.7	7199.89990	319.69	27.09	48.830726	-86.921004	56311.65	56250.5	-0.52	56311.13	56311.12891	56317.09051	56317.08984	505797.5	5408641.7
T8640.0	505796.2	5408641.7	7200.00000	318.51	26.42	48.830726	-86.921022	56310.84	56250.5	-0.52	56310.32	56310.32031	56314.08224	56314.08203	505796.2	5408641.7
T8640.0	505794.9	5408641.7	7200.00000	318.00	26.42	48.830726	-86.921039	56310.06	56250.5	-0.52	56309.54	56309.53906	56311.72451	56311.72266	505794.9	5408641.7
T8640.0	505793.7	5408641.7	7200.20020	316.13	26.92	48.830726	-86.921056	56309.32	56250.5	-0.52	56308.81	56308.80859	56310.36328	56310.36328	505793.7	5408641.7
T8640.0	505792.4	5408641.7	7200.29981	315.76	20.65	48.830726	-86.921074	56308.64	56250.5	-0.51	56308.13	56308.12891	56309.97115	56309.97266	505792.4	5408641.7
T8640.0	505791.5	5408641.7	7200.39990	315.21	21.81	48.830726	-86.921087	56307.88	56250.5	-0.51	56307.36	56307.35938	56308.02853	56308.02734	505791.5	5408641.7
T8640.0	505790.3	5408641.7	7200.50000	315.48	21.81	48.830726	-86.921103	56307.20	56250.5	-0.51	56306.69	56306.69141	56318.64999	56318.64844	505790.3	5408641.7
T8640.0	505790.3	5408641.7	7200.60010	316.41	25.29	48.830726	-86.921103	56306.42	56250.5	-0.51	56305.91	56305.91016	56316.59185	56316.59375	505790.3	5408641.7
T8640.0	505789.0	5408641.7	7200.70020	316.69	28.04	48.830726	-86.921120	56305.70	56250.5	-0.51	56305.19	56305.19141	56316.08309	56316.08203	505789.0	5408641.7
T8640.0	505788.1	5408641.7	7200.79981	317.51	28.04	48.830726	-86.921133	56304.96	56250.5	-0.50	56304.46	56304.46094	56315.28700	56315.28516	505788.1	5408641.7
T8640.0	505786.9	5408641.7	7200.89990	316.34	24.27	48.830726	-86.921149	56304.15	56250.5	-0.50	56303.65	56303.64844	56312.42213	56312.42188	505786.9	5408641.7
T8640.0	505785.4	5408641.7	7201.00000	316.03	24.36	48.830726	-86.921169	56303.36	56250.5	-0.50	56302.86	56302.85938	56310.05283	56310.05469	505785.4	5408641.7
T8640.0	505784.1	5408641.7	7201.00000	316.42	24.36	48.830726	-86.921186	56302.62	56250.5	-0.50	56302.12	56302.12109	56308.91922	56308.91797	505784.1	5408641.7
T8640.0	505783.2	5408641.7	7201.10010	315.13	19.25	48.830726	-86.921199	56301.84	56250.5	-0.50	56301.34	56301.33984	56306.73645	56306.73828	505783.2	5408641.7
T8640.0	505782.2	5408641.7	7201.20020	314.30	21.06	48.830726	-86.921213	56301.04	56250.5	-0.50	56300.54	56300.53906	56304.00613	56304.00781	505782.2	5408641.7
T8640.0	505781.0	5408641.7	7201.39990	314.93	21.06	48.830726	-86.921229	56300.32	56250.5	-0.50	56299.82	56299.82031	56303.23238	56303.23047	505781.0	5408641.7
T8640.0	505779.7	5408641.7	7201.50000	316.36	25.53	48.830726	-86.921246	56299.60	56250.5	-0.50	56299.10	56299.10156	56302.39919	56302.39844	505779.7	5408641.7
T8640.0	505779.7	5408641.7	7201.60010	316.78	30.19	48.830726	-86.921246	56298.94	56250.5	-0.50	56298.44	56298.44141	56303.01834	56303.01953	505779.7	5408641.7
T8640.0	505778.4	5408641.7	7201.70020	316.19	30.19	48.830726	-86.921264	56298.30	56250.5	-0.50	56297.80	56297.80078	56304.09014	56304.08984	505778.4	5408641.7
T8640.0	505777.1	5408641.7	7201.79981	316.44	30.12	48.830726	-86.921283	56297.56	56250.5	-0.50	56297.06	56297.05859	56302.56850	56302.57031	505777.1	5408641.7
T8640.0	505775.5	5408641.7	7201.89990	316.33	29.28	48.830726	-86.921303	56296.77	56250.5	-0.50	56296.27	56296.26953	56299.69632	56299.69531	505775.5	5408641.7
T8640.0	505774.8	5408641.7	7202.00000	317.85	29.28	48.830726	-86.921314	56296.08	56250.5	-0.50	56295.58	56295.57813	56299.30746	56299.30859	505774.8	5408641.7
T8640.0	505774.8	5408641.7	7202.00000	317.14	28.13	48.830726	-86.921314	56295.36	56250.5	-0.50	56294.86	56294.85938	56298.08258	56298.08203	505774.8	5408641.7
T8640.0	505773.4	5408641.7	7202.20020	317.00	27.61	48.830726	-86.921333	56294.65	56250.5	-0.50	56294.15	56294.14844	56297.04928	56297.05078	505773.4	5408641.7
T8640.0	505772.3	5408641.7	7202.29981	316.75	27.61	48.830726	-86.921348	56293.94	56250.5	-0.50	56293.44	56293.44141	56295.95263	56295.95313	505772.3	5408641.7
T8640.0	505770.8	5408641.7	7202.39990	318.63	27.5	48.830726	-86.921369	56293.31	56250.5	-0.50	56292.81	56292.80859	56296.88937	56296.89063	505770.8	5408641.7
T8640.0	505770.8	5408641.7	7202.50000	318.99	29.02	48.830726	-86.921369	56292.53	56250.5	-0.49	56292.04	56292.03906	56294.10885	56294.10938	505770.8	5408641.7
T8640.0	505769.2	5408641.7	7202.60010	318.40	29.02	48.830726	-86.921389	56291.89	56250.5	-0.49	56291.40	56291.39844	56294.69029	56294.69141	505769.2	5408641.7
T8640.0	505767.7	5408641.7	7202.70020	318.17	20.36	48.830726	-86.921410	56291.23	56250.5	-0.49	56290.74	56290.73828	56294.70693	56294.70703	505767.7	5408641.7
T8640.0	505766.2	5408641.7	7202.79981	319.07	28.89	48.830726	-86.921431	56290.52	56250.5	-0.49	56290.03	56290.03125	56293.36941	56293.37109	505766.2	5408641.7
T8640.0	505765.2	5408641.7	7202.89990	318.24	28.89	48.830726	-86.921445	56290.00	56250.5	-0.49	56289.51	56289.51172	56297.01067	56297.01172	505765.2	5408641.7
T8640.0	505765.2	5408641.7	7203.00000	318.76	32.28	48.830726	-86.921445	56289.40	56250.5	-0.49	56288.91	56288.91016	56298.51236	56298.51172	505765.2	5408641.7
T8640.0	505763.8	5408641.7	7203.00000	319.25	32.47	48.830726	-86.921464	56288.81	56250.5	-0.49	56288.32	56288.32031	56300.24836	56300.25000	505763.8	5408641.7
T8640.0	505762.6	5408641.7	7203.10010	318.26	23.08	48.830726	-86.921480	56288.19	56250.5	-0.49	56287.70	56287.69922	56301.17142	56301.17188	505762.6	5408641.7
T8640.0	505761.4	5408641.7	7203.20020	316.78	23.08	48.830726	-86.921496	56287.64	56250.5	-0.49	56287.15	56287.14844	56303.90285	56303.90234	505761.4	5408641.7
T8640.0	505760.2	5408641.7	7203.39990	318.46	22.81	48.830727	-86.921513	56286.97	56250.5	-0.49	56286.48	56286.48047	56303.48792	56303.48828	505760.2	5408641.7
T8640.0	505758.8	5408641.7	7203.50000	318.92	23.93	48.830727	-86.921532	56286.48	56250.5	-0.49	56285.99	56285.98828	56307.73224	56307.73047	505758.8	5408641.7
T8640.0	505758.8	5408641.7	7203.60010	318.53	32.59	48.830727	-86.921532	56285.77	56250.5	-0.50	56285.27	56285.26953	56306.03211	56306.03125	505758.8	5408641.7
T8640.0	505757.1	5408641.7	7203.70020	316.88	32.59	48.830727	-86.921554	56285.23	56250.5	-0.50	56284.73	56284.73047	56308.97544	56308.97656	505757.1	5408641.7
T8640.0	505756.3	5408641.7	7203.79981	316.06	29.73	48.830727	-86.921566	56284.47	56250.5	-0.50	56283.97	56283.96875	56306.33327	56306.33203	505756.3	5408641.7
T8640.0	505755.1	5408641.7	7203.89990	316.84	26.28	48.830727	-86.921582	56283.83	56250.5	-0.50	56283.33	56283.32813	56306.80335	56306.80469	505755.1	5408641.7
T8640.0	505753.7	5408641.7	7204.00000	314.93	26.28	48.830727	-86.921601	56282.98	56250.5	-0.50	56282.48	56282.48047	56302.05466	56302.05469	505753.7	5408641.7
T8640.0	505752.7	5408641.7	7204.00000	315.55	29.11	48.830727	-86.921615	56282.30	56250.5	-0.50	56281.80	56281.80078	56301.67975	56301.67969	505752.7	5408641.7
T8640.0	505751.4	5408641.7	7204.20020	316.00	29.11	48.830727	-86.921632	56281.52	56250.5	-0.50	56281.02	56281.01953	56298.90493	56298.90625	505751.4	5408641.7
T8640.0	505751.4	5408641.7	7204.29981	313.88	28.5	48.830727	-86.921632	56280.84	56250.5	-0.49	56280.35	56280.35156	56298.97924	56298.98047	505751.4	5408641.7
T8640.0	505749.6	5408641.7	7204.39990	314.67	26.77	48.830727	-86.921657	56280.06	56250.5	-0.49	56279.56	56279.55859	56296.18853	56296.18750	505749.6	5408641.7
T8640.0	505748.5	5408641.7	7204.50000	315.46	26.77	48.830727	-86.921672	56279.37	56250.5	-0.49	56278.88	56278.87891	56296.24655	56296.24609	505748.5	5408641.7
T8640.0	505747.1	5408641.7	7204.60010	316.59	26.81	48.830727	-86.921691	56278.75	56250.5	-0.49	56278.26	56278.26172	56297.91578	56297.91406	505747.1	5408641.7
T8640.0	505747.1	5408641.7	7204.70020	316.99	26.81	48.830727	-86.921691	56278.14	56250.5	-0.49	56277.65	56277.64844	56299.97171	56299.97266	505747.1	5408641.7
T8640.0	505745.7	5408641.7	7204.79981	317.46	26.16	48.830727	-86.921711	56277.46	56250.5	-0.48	56276.97	56276.96875	56300.44638	56300.44531	505745.7	5408641.7
T8640.0	505744.4	5408641.7	7204.89990	317.45	23.97	48.830727	-86.921728	56276.73	56250.5	-0.48	56276.24	56276.23828	56299.83868	56299.83984	505744.4	5408641.7
T8640.0	505743.1	5408641.7	7205.00000	316.25	23.97	48.830727	-86.921746	56276.02	56250.5	-0.48	56275.54	56275.53906	56300.14214	56300.14063	505743.1	5408641.7
T8640.0	505741.5	5408641.7	7205.00000	316.98	27.09	48.830727	-86.921768	56275.23	56250.5	-0.48	56274.75	56274.75000	56298.36431	56298.36328	505741.5	5408641.7
T8640.0	505741.5	5408641.7	7205.10010	316.18	27.09	48.830727	-86.921768	56274.36	56250.5	-0.48	56273.88	56273.87891	56294.72944	56294.73047	505741.5	5408641.7
T8640.0	505739.9	5408641.7	7205.20020	316.73	30.93	48.830726	-86.921789	56273.65	56250.5	-0.48	56273.17	56273.17188	56295.28355	56295.28516	505739.9	5408641.7
T8640.0	505738.8	5408641.7	7205.39990	316.49	30.79	48.830726	-86.921804	56272.86	56250.5	-0.48	56272.38	56272.37891	56293.98562	56293.98438	505738.8	5408641.7

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
T8640.0	505737.5	5408641.7	7205.50000	316.33	32.16	48.830726	-86.921822	56272.05	56250.5	-0.48	56271.57	56271.57031	56292.34470	56292.34375	505737.5	5408641.7
T8640.0	505736.3	5408641.7	7205.60010	316.97	32.16	48.830726	-86.921838	56271.27	56250.5	-0.47	56270.80	56270.80078	56291.90263	56291.90234	505736.3	5408641.7
T8640.0	505734.6	5408641.6	7205.70020	317.32	28.55	48.830726	-86.921861	56270.48	56250.5	-0.47	56270.00	56270.00000	56290.86723	56290.86719	505734.6	5408641.6
T8640.0	505734.6	5408641.6	7205.79981	316.47	28.77	48.830726	-86.921861	56269.71	56250.5	-0.47	56269.24	56269.23828	56291.05476	56291.05469	505734.6	5408641.6
T8640.0	505733.6	5408641.6	7205.89990	317.64	28.77	48.830726	-86.921875	56268.78	56250.5	-0.47	56268.31	56268.30859	56286.98130	56286.98047	505733.6	5408641.6
T8640.0	505732.2	5408641.6	7206.00000	318.68	29.17	48.830726	-86.921894	56268.03	56250.5	-0.47	56267.56	56267.55859	56296.76894	56296.76953	505732.2	5408641.6
T8640.0	505730.6	5408641.6	7206.00000	318.98	29.17	48.830726	-86.921916	56267.25	56250.5	-0.47	56266.78	56266.78125	56296.56162	56296.56250	505730.6	5408641.6
T8640.0	505730.6	5408641.6	7206.20020	318.31	30.73	48.830726	-86.921916	56266.32	56250.5	-0.47	56265.85	56265.85156	56293.75010	56293.75000	505730.6	5408641.6
T8640.0	505729.5	5408641.5	7206.29981	318.71	30.28	48.830725	-86.921931	56265.41	56250.5	-0.47	56264.94	56264.94141	56291.35229	56291.35156	505729.5	5408641.5
T8640.0	505728.2	5408641.5	7206.39990	318.02	30.06	48.830725	-86.921948	56264.61	56250.5	-0.47	56264.14	56264.14063	56290.99700	56290.99609	505728.2	5408641.5
T8640.0	505726.7	5408641.5	7206.50000	317.21	29.28	48.830725	-86.921968	56263.73	56250.5	-0.47	56263.26	56263.26172	56289.27823	56289.27734	505726.7	5408641.5
T8640.0	505725.7	5408641.5	7206.60010	316.37	29.28	48.830725	-86.921982	56262.81	56250.5	-0.47	56262.33	56262.32813	56286.73364	56286.73438	505725.7	5408641.5
T8640.0	505724.6	5408641.5	7206.70020	316.82	28.27	48.830725	-86.921998	56261.93	56250.5	-0.47	56261.46	56261.46094	56285.35480	56285.35547	505724.6	5408641.5
T8640.0	505722.8	5408641.4	7206.79981	317.15	28.27	48.830725	-86.922022	56261.02	56250.5	-0.47	56260.55	56260.55078	56283.34158	56283.33984	505722.8	5408641.4
T8640.0	505721.5	5408641.4	7206.89990	318.46	29.46	48.830724	-86.922040	56260.13	56250.5	-0.47	56259.65	56259.64844	56281.60293	56281.60156	505721.5	5408641.4
T8640.0	505721.5	5408641.4	7207.00000	317.42	29.68	48.830724	-86.922040	56259.30	56250.5	-0.47	56258.83	56258.82813	56281.40517	56281.40625	505721.5	5408641.4
T8640.0	505719.6	5408641.4	7207.10010	317.71	29.68	48.830724	-86.922065	56258.42	56250.5	-0.47	56257.95	56257.94922	56280.22670	56280.22656	505719.6	5408641.4
T8640.0	505719.6	5408641.4	7207.10010	319.14	28.9	48.830724	-86.922065	56257.46	56250.5	-0.47	56256.99	56256.98828	56277.72230	56277.72266	505719.6	5408641.4
T8640.0	505718.1	5408641.4	7207.20020	318.61	29.37	48.830724	-86.922086	56256.61	56250.5	-0.47	56256.13	56256.12891	56277.12693	56277.12500	505718.1	5408641.4
T8640.0	505716.8	5408641.4	7207.39990	318.05	29.37	48.830724	-86.922104	56255.66	56250.5	-0.47	56255.18	56255.17969	56275.04526	56275.04688	505716.8	5408641.4
T8640.0	505715.5	5408641.4	7207.50000	316.99	32.55	48.830724	-86.922121	56254.82	56250.5	-0.48	56254.34	56254.33984	56275.04424	56275.04297	505715.5	5408641.4
T8640.0	505714.5	5408641.4	7207.60010	317.59	31.13	48.830724	-86.922135	56253.90	56250.5	-0.48	56253.42	56253.42188	56270.04092	56270.03906	505714.5	5408641.4
T8640.0	505713.3	5408641.4	7207.70020	318.38	31.13	48.830724	-86.922152	56253.02	56250.5	-0.48	56252.55	56252.55078	56270.89518	56270.89453	505713.3	5408641.4
T8640.0	505711.5	5408641.4	7207.79981	319.86	29.22	48.830724	-86.922177	56252.12	56250.5	-0.48	56251.64	56251.64063	56270.88141	56270.88281	505711.5	5408641.4
T8640.0	505711.5	5408641.4	7207.89990	318.39	26.66	48.830724	-86.922177	56251.17	56250.5	-0.48	56250.69	56250.69141	56270.01253	56270.01172	505711.5	5408641.4
T8640.0	505710.1	5408641.4	7208.00000	315.36	26.66	48.830724	-86.922195	56250.24	56250.5	-0.48	56249.76	56249.76172	56269.84661	56269.84766	505710.1	5408641.4
T8640.0	505708.6	5408641.4	7208.00000	314.33	31.37	48.830724	-86.922216	56249.25	56250.5	-0.48	56248.77	56248.76953	56268.32352	56268.32422	505708.6	5408641.4
T8640.0	505708.6	5408641.4	7208.20020	315.31	31.53	48.830724	-86.922216	56248.34	56250.5	-0.48	56247.86	56247.85938	56269.03350	56269.03516	505708.6	5408641.4
T8640.0	505707.2	5408641.4	7208.29981	315.60	31.53	48.830724	-86.922235	56247.29	56250.5	-0.48	56246.81	56246.80859	56266.35744	56266.35938	505707.2	5408641.4
T8640.0	505705.8	5408641.4	7208.39990	315.84	28.56	48.830724	-86.922253	56246.32	56250.5	-0.48	56245.84	56245.83984	56265.90334	56265.90234	505705.8	5408641.4
T8640.0	505704.6	5408641.4	7208.50000	315.64	28.56	48.830724	-86.922270	56245.22	56250.5	-0.48	56244.74	56244.73828	56262.35266	56262.35156	505704.6	5408641.4
T8640.0	505703.3	5408641.4	7208.60010	315.12	29.07	48.830724	-86.922288	56244.29	56250.5	-0.48	56243.81	56243.80859	56263.26890	56263.26953	505703.3	5408641.4
T8640.0	505702.0	5408641.4	7208.70020	314.80	30.22	48.830724	-86.922306	56243.31	56250.5	-0.48	56242.82	56242.82031	56262.85336	56262.85156	505702.0	5408641.4
T8640.0	505700.4	5408641.4	7208.79981	316.81	30.22	48.830724	-86.922327	56242.29	56250.5	-0.48	56241.81	56241.80859	56262.11947	56262.12109	505700.4	5408641.4
T8640.0	505700.4	5408641.4	7208.89990	316.32	29.49	48.830724	-86.922327	56241.24	56250.5	-0.48	56240.76	56240.76172	56260.57756	56260.57813	505700.4	5408641.4
T8640.0	505699.1	5408641.3	7209.00000	316.01	29.49	48.830724	-86.922345	56240.27	56250.5	-0.48	56239.79	56239.78906	56261.20719	56261.20703	505699.1	5408641.3
T8640.0	505697.6	5408641.3	7209.00000	316.13	32.14	48.830724	-86.922365	56239.24	56250.5	-0.48	56238.76	56238.76172	56260.53533	56260.53516	505697.6	5408641.3
T8640.0	505697.6	5408641.3	7209.10010	317.72	30.93	48.830724	-86.922365	56238.16	56250.5	-0.48	56237.68	56237.67969	56258.81743	56258.81641	505697.6	5408641.3
T8640.0	505696.2	5408641.3	7209.20020	318.99	30.93	48.830724	-86.922385	56237.03	56250.5	-0.47	56236.55	56236.55078	56256.05869	56256.05859	505696.2	5408641.3
T8640.0	505694.6	5408641.3	7209.39990	318.14	30.9	48.830724	-86.922407	56235.92	56250.5	-0.47	56235.45	56235.44922	56254.23093	56254.23047	505694.6	5408641.3
T8640.0	505693.4	5408641.3	7209.50000	316.71	30.9	48.830724	-86.922423	56234.75	56250.5	-0.46	56234.29	56234.28906	56251.11794	56251.11719	505693.4	5408641.3
T8640.0	505693.4	5408641.3	7209.60010	316.49	29.05	48.830724	-86.922423	56233.68	56250.5	-0.46	56233.22	56233.21875	56250.40971	56250.41016	505693.4	5408641.3
T8640.0	505691.7	5408641.3	7209.70020	316.04	33.06	48.830724	-86.922446	56232.50	56250.5	-0.46	56232.04	56232.03906	56247.18533	56247.18359	505691.7	5408641.3
T8640.0	505690.5	5408641.3	7209.79981	316.52	32.93	48.830724	-86.922462	56231.34	56250.5	-0.46	56230.88	56230.87891	56244.64363	56244.64453	505690.5	5408641.3
T8640.0	505688.6	5408641.3	7209.89990	315.44	32.93	48.830724	-86.922488	56230.24	56250.5	-0.45	56229.79	56229.78906	56244.01431	56244.01563	505688.6	5408641.3
T8640.0	505687.5	5408641.3	7210.00000	315.26	34.16	48.830724	-86.922503	56228.98	56250.4	-0.45	56228.53	56228.53125	56239.39229	56239.39063	505687.5	5408641.3
T8640.0	505687.5	5408641.3	7210.00000	313.96	34.16	48.830724	-86.922503	56227.84	56250.4	-0.45	56227.39	56227.39063	56237.91694	56237.91797	505687.5	5408641.3
T8640.0	505686.0	5408641.3	7210.20020	315.27	35.44	48.830724	-86.922523	56226.71	56250.4	-0.44	56226.28	56226.28125	56237.37591	56237.37500	505686.0	5408641.3
T8640.0	505684.7	5408641.3	7210.29981	314.90	34.27	48.830724	-86.922542	56225.49	56250.4	-0.43	56225.06	56225.05859	56234.33022	56234.33203	505684.7	5408641.3
T8640.0	505683.5	5408641.4	7210.39990	316.17	35.22	48.830724	-86.922558	56224.41	56250.4	-0.43	56223.98	56223.98047	56234.92808	56234.92969	505683.5	5408641.4
T8640.0	505682.4	5408641.4	7210.50000	315.91	35.22	48.830724	-86.922573	56223.20	56250.4	-0.43	56222.77	56222.76953	56232.53986	56232.53906	505682.4	5408641.4
T8640.0	505680.7	5408641.4	7210.60010	316.24	35.22	48.830724	-86.922595	56222.02	56250.4	-0.42	56221.60	56221.60156	56231.34436	56231.34375	505680.7	5408641.4
T8640.0	505679.3	5408641.4	7210.70020	316.85	35.72	48.830724	-86.922615	56220.82	56250.4	-0.42	56220.40	56220.39844	56229.62718	56229.62891	505679.3	5408641.4
T8640.0	505679.3	5408641.4	7210.79981	316.31	30.96	48.830724	-86.922615	56219.65	56250.4	-0.41	56219.24	56219.23828	56229.10791	56229.10938	505679.3	5408641.4
T8640.0	505677.9	5408641.4	7210.89990	317.76	30.96	48.830724	-86.922634	56218.33	56250.4	-0.40	56217.92	56217.92188	56224.88837	56224.88672	505677.9	5408641.4
T8640.0	505675.7	5408641.4	7211.00000	317.02	31.74	48.830724	-86.922663	56217.15	56250.4	-0.40	56216.75	56216.75000	56224.56817	56224.56641	505675.7	5408641.4
T8640.0	505675.7	5408641.4	7211.00000	317.84	31.74	48.830724	-86.922663	56215.89	56250.4	-0.40	56215.49	56215.48828	56222.26840	56222.26953	505675.7	5408641.4
T8640.0	505674.3	5408641.4	7211.10010	317.61	33.98	48.830724	-86.922683	56214.59	56250.4	-0.40	56214.19	56214.19141	56219.21422	56219.21484	505674.3	5408641.4
T8640.0	505673.2	5408641.4	7211.20020	315.93	33.98	48.830724	-86.922698	56213.35	56250.4	-0.41	56212.94	56212.94141	56217.61577	56217.61719	505673.2	5408641.4
T8640.0	505671.3	5408641.4	7211.39990	315.51	31	48.830724	-86.922724	56212.09	56250.4	-0.42	56211.67	56211.67188	56215.75765	56215.75781	505671.3	5408641.4
T8640.0	505671.3	5408641.4	7211.50000	314.21	31	48.830724	-86.922724	56210.82	56250.4	-0.43	56210.39	56210.39063	56213.88708	56213.88672	505671.3	5408641.4
T8640.0	505670.1	5408641.4	7211.60010	315.03	33.88	48.830724	-86.922740	56209.62	56250.4	-0.43	56209.19	56209.19141	56214.22097	56214.22266	505670.1	5408641.4
T8640.0	505668.7	5408641.4	7211.70020	314.48	34.3	48.830724	-86.922759	56208.49	56250.4	-0.43	56208.06	56208.05859	56216.51682	56216.51563	505668.7	5408641.4
T8640.0	505667.3	5408641.4	7211.79981	315.21	35.26	48.830724	-86.922778	56207.32	56250.4	-0.44	56206.88	56206.87891	56217.82113	56217.82031	505667.3	5408641.4
T8640.0	505667.3	5408641.4	7211.89990	316.62	35.26	48.830724	-86.922778	56206.07	56250.4	-0.44	56205.62	56205.62109	56217.39560	56217.39453	505667.3	5408641.4
T8640.0	505665.8	5408641.4	7212.00000	315.58	33.51	48.830724	-86.922798	56204.81	56250.4	-0.45	56204.36	56204.35938	56217.21033	56217.21094	505665.8	5408641.4
T8640.0	505664.4	5408641.4	7212.00000	316.30	33.51	48.830724	-86.922817	56203.53	56250.4	-0.45	56203.08	56203.07813	56216.77457	56216.77344	505664.4	5408641.4
T8640.0	505663.1	5408641.4	7212.20020	316.10	30.9	48.830724	-86.922836	56202.23	56250.4	-0.44	56201.79	56201.78906	56216.33537	56216.33594	505663.1	5408641.4
T8640.0	505661.6	5408641.4	7212.29981	317.06	30.9	48.830724	-86.922856	56200.88	56250.4	-0.44	56200.43	56200.42969	56214.42169	56214.42188	505661.6	5408641.4
T8640.0	505660.3	5408641.4	7212.39990	317.01	30.53	48.830725	-86.922874	56199.55	56250.4	-0.44	56199.11	56199.10938	56213.73688	56213.73828	505660.3	5408641.4
T8640.0	505658.8	5408641.4	7212.50000	316.37	31.37	48.830725	-86.922895	56198.17	56250.4	-0.43	56197.73	56197.73047	56211.82590	56211.82422	505658.8	5408641.4
T8640.0	505657.6	5408641.4	7212.60010	317.71	31.37	48.830725	-86.922911	56196.86	56250.4	-0.43	56196.43	56196.42969	56212.12535	56212.12500	505657.6	5408641.4
T8640.0	505657.6	5408641.4	7212.70020	316.97	30.45	48.830725	-86.922911	56195.42	56250.4	-0.43	56194.99	56194.98828	56209.23025	56209.23047	505657.6	5408641.4
T8640.0	505656.0	5408641.4	7212.79981	318.07	30.45	48.830725	-86.922933	56194.05	56250.4	-0.43	56193.63	56193.62891	56208.54301	56208.54297	505656.0	5408641.4
T8640.0	505654.3	5408641.4	7212.89990	316.54	30.39	48.830725	-86.922955	56192.69	56250.4	-0.42	56192.27	56192.26953	56208.09531	56208.09375	505654.3	5408641.4
T8640.0	505654.3	5408641.4	7213.00000	316.09	31.15	48.830725	-86.922955	56191.37	56250.4	-0.42	56190.95	56190.94922	56208.86913	56208.86719	505654.3	5408641.4
T8640.0	505652.4	5408641.4	7213.00000	315.96	31.15	48.830725	-86.922981	56189.82	56250.4	-0.42	56189.40	56189.39844	56204.20238	56204.20313	505652.4	5408641.4
T8640.0	505650.8	5408641.4	7213.10010	315.45	30.67	48.830725	-86.923003	56188.38	56250.4	-0.42	56187.96	56187.96094	56202.47077	56202.47266	505650.8	5408641.4
T8640.0	505650.8	5408641.4	7213.20020	316.15	33.41	48.830725	-86.923003	56186.95	56250.4	-0.42	56186.53	56186.53125	56201.20605	56201.20703	505650.8	5408641.4
T8640.0	505649.6	5408641.4	7213.39990	316.12	34.52	48.830725	-86.923019	56185.48	56250.4	-0.42	56185.06	56185.05859	56199.16787	56199.16797	505649.6	5408641.4
T8640.0	505648.0	5408641.4	7213.50000	314.95	34.52	48.830725	-86.923042	56184.09	56250.4	-0.42	56183.67	56183.67188	56199.31826	56199.31641	505648.0	5408641.4
T8640.0	505646.8	5408641.4	7213.60010	315.18	34.04	48.830725	-86.923057	56182.57	56250.4	-0.41	56182.15	56182.14844	56196.45921	56196.46094	505646.8	5408641.4
T8640.0	505645.4	5408641.5	7213.70020	317.02	34.04	48.830725	-86.923077	56181.04	56250.4	-0.41	56180.63	56180.62891	56193.80067	56193.80078	505645.4	5408641.5
T8640.0	505645.4	5408641.5	7213.79981	317.27	34.08	48.830725	-86.923077	56179.52	56250.4	-0.41	56179.11	56179.10938	56191.33727	56191.33594	505645.4	5408641.5
T8640.0	505644.0	5408641.5	7213.89990	317.12	33.32	48.830726	-86.923096	56177.96	56250.4	-0.41	56177.55	56177.55078	56188.07190	56188.07031	505644.0	5408641.5
T8640.0	505642.6	5408641.5	7214.00000	317.78	35.18	48.830726	-86.923116	56176.38	56250.4	-0.41	56175.97	56175.96875	56184.49097	56184.49219	505642.6	5408641.5
T8640.0	505641.4	5408641.5	7214.00000	317.23	35.18	48.830726	-86.923132	56174.75	56250.4	-0.41	56174.34	56174.33984	56179.83830	56179.83984	505641.4	5408641.5
T8640.0	505639.9	5408641.5	7214.20020	316.94	31.5	48.830726	-86.923152	56173.11	56250.4	-0.41	56172.69	56172.69141	56174.84279	56174.84375	505639.9	5408641.5
T8640.0	505638.8	5408641.6	7214.29981	315.26	31.5	48.830726	-86.923167	56171.46	56250.4	-0.41	56171.05	56171.05078	56170.23785	56170.23828	505638.8	5408641.6
T8640.0	505637.3	5408641.6	7214.39990	317.74	34.18	48.830727	-86.923187	56169.93	56250.4	-0.41	56169.51	56169.51172	56168.26448	56168.26563	505637.3	5408641.6
T8640.0	505636.6	5408641.6	7214.50000	315.69	35.78	48.830727	-86.923197	56168.38	56250.4	-0.42	56167.96	56167.96094	56166.17388	56166.17578	505636.6	5408641.6
T8640.0	505635.2	5408641.6	7214.60010	315.46	35.78	48.830727	-86.923216	56166.81	56250.4	-0.42	56166.39	56166.39063	56163.70311	56163.70313	505635.2	5408641.6
T8640.0	505635.2	5408641.6	7214.70020	316.31	36.05	48.830727	-86.923216	56165.29	56250.4	-0.42	56164.87	56164.87109	56162.60380	56162.60547	505635.2	5408641.6

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
T8640.0	505633.2	5408641.6	7214.79981	316.29	35.78	48.830727	-86.923243	56163.70	56250.4	-0.42	56163.28	56163.28125	56159.84163	56159.83984	505633.2	5408641.6
T8640.0	505631.6	5408641.7	7214.89990	314.53	35.78	48.830727	-86.923265	56162.20	56250.4	-0.42	56161.78	56161.78125	56159.44928	56159.44922	505631.6	5408641.7
T8640.0	505630.9	5408641.7	7215.00000	315.16	40.43	48.830727	-86.923275	56160.54	56250.4	-0.42	56160.12	56160.12109	56155.07828	56155.07813	505630.9	5408641.7
T8640.0	505629.4	5408641.7	7215.00000	316.68	39.75	48.830727	-86.923294	56159.00	56250.4	-0.42	56158.58	56158.57813	56153.82222	56153.82031	505629.4	5408641.7
T8640.0	505628.0	5408641.7	7215.10010	317.54	39.75	48.830727	-86.923313	56157.32	56250.4	-0.42	56156.90	56156.89844	56149.05363	56149.05469	505628.0	5408641.7
T8640.0	505628.0	5408641.7	7215.20020	317.23	33.3	48.830727	-86.923313	56155.70	56250.4	-0.42	56155.28	56155.28125	56145.85381	56145.85547	505628.0	5408641.7
T8640.0	505625.8	5408641.7	7215.39990	317.54	36.04	48.830727	-86.923344	56154.11	56250.4	-0.42	56153.70	56153.69922	56143.70581	56143.70703	505625.8	5408641.7
T8640.0	505625.8	5408641.7	7215.50000	318.10	36.04	48.830727	-86.923344	56152.55	56250.4	-0.42	56152.13	56152.12891	56141.83188	56141.83203	505625.8	5408641.7
T8640.0	505624.3	5408641.7	7215.60010	316.92	40.28	48.830727	-86.923364	56150.92	56250.4	-0.41	56150.51	56150.51172	56138.68024	56138.67969	505624.3	5408641.7
T8640.0	505622.7	5408641.6	7215.70020	317.26	40.28	48.830727	-86.923387	56149.31	56250.4	-0.41	56148.90	56148.89844	56135.77423	56135.77344	505622.7	5408641.6
T8640.0	505621.1	5408641.6	7215.79981	317.43	36.81	48.830727	-86.923408	56147.58	56250.4	-0.41	56147.17	56147.17188	56129.76022	56129.76172	505621.1	5408641.6
T8640.0	505621.1	5408641.6	7215.89990	318.68	42.2	48.830727	-86.923408	56146.02	56250.4	-0.41	56145.61	56145.60938	56128.07756	56128.07813	505621.1	5408641.6
T8640.0	505619.7	5408641.6	7216.00000	318.57	42.2	48.830727	-86.923427	56144.38	56250.4	-0.41	56143.97	56143.96875	56124.28775	56124.28906	505619.7	5408641.6
T8640.0	505618.4	5408641.6	7216.00000	318.26	42.24	48.830727	-86.923445	56142.70	56250.4	-0.41	56142.29	56142.28906	56119.40404	56119.40234	505618.4	5408641.6
T8640.0	505617.5	5408641.6	7216.20020	317.78	42.24	48.830727	-86.923457	56141.11	56250.4	-0.41	56140.70	56140.69922	56116.76082	56116.76172	505617.5	5408641.6
T8640.0	505616.3	5408641.6	7216.29981	317.28	40.96	48.830726	-86.923474	56139.39	56250.4	-0.40	56138.98	56138.98047	56110.68583	56110.68750	505616.3	5408641.6
T8640.0	505614.9	5408641.5	7216.39990	313.39	41.75	48.830726	-86.923493	56137.85	56250.4	-0.40	56137.45	56137.44922	56109.40797	56109.40625	505614.9	5408641.5
T8640.0	505613.2	5408641.5	7216.50000	314.99	43.26	48.830726	-86.923515	56136.23	56250.4	-0.40	56135.83	56135.82813	56105.70969	56105.71094	505613.2	5408641.5
T8640.0	505612.1	5408641.5	7216.60010	314.55	43.26	48.830726	-86.923531	56134.70	56250.4	-0.40	56134.31	56134.30859	56104.46392	56104.46484	505612.1	5408641.5
T8640.0	505612.1	5408641.5	7216.70020	315.59	41.9	48.830726	-86.923531	56133.07	56250.4	-0.40	56132.67	56132.67188	56100.01200	56100.01172	505612.1	5408641.5
T8640.0	505610.6	5408641.5	7216.79981	315.93	41.9	48.830726	-86.923551	56131.55	56250.4	-0.39	56131.15	56131.14844	56098.49468	56098.49609	505610.6	5408641.5
T8640.0	505609.7	5408641.4	7216.89990	316.14	40.89	48.830726	-86.923563	56130.03	56250.4	-0.39	56129.64	56129.64063	56097.07504	56097.07422	505609.7	5408641.4
T8640.0	505608.3	5408641.4	7217.00000	319.07	41.69	48.830725	-86.923583	56128.44	56250.4	-0.39	56128.05	56128.05078	56093.45214	56093.45313	505608.3	5408641.4
T8640.0	505606.5	5408641.4	7217.00000	316.67	41.69	48.830725	-86.923607	56126.92	56250.4	-0.39	56126.53	56126.53125	56091.42609	56091.42578	505606.5	5408641.4
T8640.0	505604.8	5408641.4	7217.10010	316.56	41.69	48.830725	-86.923630	56125.40	56250.4	-0.39	56125.01	56125.01172	56089.20335	56089.20313	505604.8	5408641.4
T8640.0	505604.8	5408641.4	7217.20020	317.05	41.77	48.830725	-86.923630	56123.94	56250.4	-0.39	56123.55	56123.55078	56088.27583	56088.27734	505604.8	5408641.4
T8640.0	505603.2	5408641.3	7217.39990	317.79	47.4	48.830725	-86.923651	56122.36	56250.4	-0.39	56121.98	56121.98047	56084.36840	56084.36719	505603.2	5408641.3
T8640.0	505601.6	5408641.3	7217.50000	316.96	47.4	48.830724	-86.923673	56120.98	56250.4	-0.38	56120.59	56120.58984	56084.71570	56084.71484	505601.6	5408641.3
T8640.0	505601.6	5408641.3	7217.60010	316.88	46.78	48.830724	-86.923673	56119.43	56250.4	-0.38	56119.05	56119.05078	56081.07926	56081.07813	505601.6	5408641.3
T8640.0	505600.2	5408641.3	7217.70020	315.67	46.78	48.830724	-86.923693	56117.94	56250.4	-0.38	56117.56	56117.55859	56078.42899	56078.42969	505600.2	5408641.3
T8640.0	505598.8	5408641.3	7217.79981	313.50	44.85	48.830724	-86.923712	56116.50	56250.4	-0.38	56116.11	56116.10938	56076.49569	56076.49609	505598.8	5408641.3
T8640.0	505597.4	5408641.3	7217.89990	313.77	46.96	48.830724	-86.923732	56115.11	56250.4	-0.38	56114.73	56114.73047	56075.99583	56075.99609	505597.4	5408641.3
T8640.0	505596.4	5408641.3	7218.00000	313.35	46.96	48.830724	-86.923744	56113.69	56250.4	-0.38	56113.31	56113.30859	56074.21642	56074.21484	505596.4	5408641.3
T8640.0	505596.4	5408641.3	7218.00000	315.18	49.34	48.830724	-86.923744	56112.29	56250.4	-0.38	56111.91	56111.91016	56072.62064	56072.62109	505596.4	5408641.3
T8640.0	505594.8	5408641.2	7218.20020	314.94	44.86	48.830724	-86.923767	56110.86	56250.4	-0.38	56110.48	56110.48047	56069.98013	56069.98047	505594.8	5408641.2
T8640.0	505593.3	5408641.2	7218.29981	315.11	44.86	48.830724	-86.923787	56109.48	56250.4	-0.38	56109.10	56109.10156	56068.23425	56068.23438	505593.3	5408641.2
T8640.0	505591.8	5408641.2	7218.39990	314.69	41.97	48.830724	-86.923807	56108.08	56250.4	-0.38	56107.70	56107.69922	56065.66865	56065.66797	505591.8	5408641.2
T8640.0	505590.7	5408641.2	7218.50000	313.47	40.68	48.830723	-86.923823	56106.78	56250.4	-0.38	56106.40	56106.39844	56065.18740	56065.18750	505590.7	5408641.2
T8640.0	505589.5	5408641.2	7218.60010	313.74	40.68	48.830723	-86.923839	56105.39	56250.4	-0.38	56105.01	56105.01172	56062.16831	56062.16797	505589.5	5408641.2
T8640.0	505589.5	5408641.2	7218.70020	315.82	48.75	48.830723	-86.923839	56104.08	56250.4	-0.38	56103.70	56103.69922	56060.73254	56060.73438	505589.5	5408641.2
T8640.0	505587.4	5408641.2	7218.79981	315.57	49	48.830723	-86.923868	56102.79	56250.4	-0.38	56102.41	56102.41016	56059.42074	56059.42188	505587.4	5408641.2
T8640.0	505586.1	5408641.1	7218.89990	315.77	49.13	48.830723	-86.923885	56101.54	56250.4	-0.38	56101.16	56101.16016	56058.71880	56058.71875	505586.1	5408641.1
T8640.0	505584.5	5408641.1	7219.00000	316.05	49.13	48.830723	-86.923906	56100.26	56250.4	-0.38	56099.88	56099.87891	56056.91067	56056.91016	505584.5	5408641.1
T8640.0	505584.5	5408641.1	7219.00000	315.98	49.87	48.830723	-86.923906	56098.95	56250.4	-0.38	56098.57	56098.57031	56053.97987	56053.98047	505584.5	5408641.1
T8640.0	505582.8	5408641.1	7219.10010	315.67	49.87	48.830723	-86.923930	56097.76	56250.4	-0.38	56097.38	56097.37891	56053.62643	56053.62500	505582.8	5408641.1
T8640.0	505581.3	5408641.1	7219.20020	316.49	47.64	48.830723	-86.923950	56096.52	56250.4	-0.37	56096.14	56096.14063	56051.66417	56051.66406	505581.3	5408641.1
T8640.0	505581.3	5408641.1	7219.39990	315.68	41.58	48.830723	-86.923950	56095.30	56250.4	-0.37	56094.93	56094.92969	56050.08286	56050.08203	505581.3	5408641.1
T8640.0	505579.7	5408641.1	7219.39990	317.16	41.58	48.830723	-86.923972	56094.06	56250.4	-0.37	56093.69	56093.69141	56047.38680	56047.38672	505579.7	5408641.1
T8640.0	505577.8	5408641.1	7219.60010	318.12	44.75	48.830722	-86.923998	56092.98	56250.4	-0.36	56092.61	56092.60938	56048.39564	56048.39453	505577.8	5408641.1
T8640.0	505576.0	5408641.0	7219.60010	316.83	49.26	48.830722	-86.924022	56091.76	56250.4	-0.36	56091.40	56091.39844	56045.78038	56045.78125	505576.0	5408641.0
T8640.0	505574.9	5408641.0	7219.70020	315.32	49.26	48.830722	-86.924038	56090.62	56250.4	-0.36	56090.26	56090.26172	56044.62764	56044.62891	505574.9	5408641.0
T8640.0	505574.9	5408641.0	7219.79981	315.43	49.26	48.830722	-86.924038	56089.41	56250.4	-0.36	56089.05	56089.05078	56041.36085	56041.35938	505574.9	5408641.0
T8640.0	505572.9	5408641.0	7220.00000	316.82	50.74	48.830722	-86.924064	56088.32	56250.3	-0.35	56087.97	56087.96875	56041.14088	56041.14063	505572.9	5408641.0
T8640.0	505571.5	5408641.0	7220.00000	316.77	48.07	48.830722	-86.924083	56087.18	56250.3	-0.35	56086.83	56086.82813	56039.07458	56039.07422	505571.5	5408641.0
T8640.0	505570.3	5408641.0	7220.10010	317.86	48.07	48.830722	-86.924100	56086.07	56250.4	-0.35	56085.71	56085.71094	56037.23150	56037.23047	505570.3	5408641.0
T8640.0	505568.9	5408641.0	7220.20020	317.81	48.42	48.830722	-86.924119	56085.01	56250.4	-0.35	56084.66	56084.66016	56036.90960	56036.91016	505568.9	5408641.0
T8640.0	505568.9	5408641.0	7220.39990	318.41	48.42	48.830722	-86.924119	56083.91	56250.4	-0.35	56083.56	56083.55859	56034.99687	56034.99609	505568.9	5408641.0
T8640.0	505567.2	5408641.0	7220.50000	318.50	49.39	48.830722	-86.924142	56082.86	56250.4	-0.35	56082.50	56082.50000	56033.82594	56033.82422	505567.2	5408641.0
T8640.0	505565.8	5408640.9	7220.60010	317.26	49.39	48.830721	-86.924161	56081.82	56250.4	-0.36	56081.47	56081.46875	56033.13849	56033.13672	505565.8	5408640.9
T8640.0	505564.1	5408640.9	7220.70020	318.62	52.66	48.830721	-86.924184	56080.81	56250.4	-0.36	56080.45	56080.44922	56032.41924	56032.41797	505564.1	5408640.9
T8640.0	505564.1	5408640.9	7220.79981	318.17	54.66	48.830721	-86.924184	56079.85	56250.4	-0.36	56079.49	56079.48828	56032.95737	56032.95703	505564.1	5408640.9
T8640.0	505562.9	5408640.9	7220.89990	317.64	54.66	48.830721	-86.924201	56078.79	56250.4	-0.36	56078.43	56078.42969	56030.63935	56030.64063	505562.9	5408640.9
T8640.0	505561.3	5408640.9	7220.89990	316.02	55.37	48.830721	-86.924223	56077.82	56250.4	-0.36	56077.47	56077.46875	56030.61196	56030.61328	505561.3	5408640.9
T8640.0	505559.8	5408640.9	7221.00000	315.49	55.02	48.830721	-86.924243	56076.81	56250.4	-0.36	56076.45	56076.44922	56028.77748	56028.77734	505559.8	5408640.9
T8640.0	505559.8	5408640.9	7221.10010	314.78	55.02	48.830721	-86.924243	56075.88	56250.4	-0.36	56075.52	56075.51953	56028.97518	56028.97656	505559.8	5408640.9
T8640.0	505556.9	5408640.8	7221.20020	314.56	53.71	48.830721	-86.924282	56074.91	56250.4	-0.36	56074.56	56074.55859	56028.14924	56028.14844	505556.9	5408640.8
T8640.0	505556.9	5408640.8	7221.39990	315.28	53.71	48.830721	-86.924282	56073.98	56250.4	-0.35	56073.63	56073.62891	56027.83467	56027.83594	505556.9	5408640.8
T8640.0	505555.7	5408640.8	7221.50000	315.93	46.83	48.830721	-86.924299	56073.07	56250.3	-0.35	56072.72	56072.71875	56027.78288	56027.78125	505555.7	5408640.8
T8640.0	505555.7	5408640.8	7221.60010	315.93	50.17	48.830721	-86.924299	56072.13	56250.3	-0.35	56071.78	56071.78125	56026.74067	56026.74219	505555.7	5408640.8
T8640.0	505553.8	5408640.8	7221.70020	315.22	58.04	48.830720	-86.924325	56071.27	56250.3	-0.35	56070.92	56070.92188	56027.48404	56027.48438	505553.8	5408640.8
T8640.0	505552.3	5408640.8	7221.79981	314.77	58.04	48.830720	-86.924346	56070.39	56250.3	-0.34	56070.05	56070.05078	56027.75567	56027.75391	505552.3	5408640.8
T8640.0	505550.8	5408640.8	7221.89990	314.11	58.04	48.830720	-86.924366	56069.47	56250.3	-0.34	56069.13	56069.12891	56026.56743	56026.56641	505550.8	5408640.8
T8640.0	505549.7	5408640.8	7222.00000	316.62	53.72	48.830720	-86.924381	56068.64	56250.3	-0.34	56068.30	56068.30078	56027.42436	56027.42578	505549.7	5408640.8
T8640.0	505549.7	5408640.8	7222.00000	317.80	58.72	48.830720	-86.924381	56067.76	56250.3	-0.34	56067.42	56067.42188	56026.83920	56026.83984	505549.7	5408640.8
T8640.0	505547.9	5408640.8	7222.20020	318.14	58.72	48.830720	-86.924405	56066.94	56250.3	-0.34	56066.60	56066.60156	56027.55930	56027.55859	505547.9	5408640.8
T8640.0	505546.6	5408640.8	7222.29981	318.05	54.09	48.830720	-86.924424	56066.12	56250.3	-0.34	56065.77	56065.76953	56027.85322	56027.85156	505546.6	5408640.8
T8640.0	505546.6	5408640.8	7222.39990	316.52	54.09	48.830720	-86.924424	56065.20	56250.3	-0.34	56064.86	56064.85938	56026.00153	56026.00000	505546.6	5408640.8
T8640.0	505544.9	5408640.8	7222.50000	317.04	51.95	48.830720	-86.924447	56064.39	56250.3	-0.35	56064.05	56064.05078	56026.48036	56026.48047	505544.9	5408640.8
T8640.0	505543.2	5408640.8	7222.60010	316.99	49.95	48.830720	-86.924470	56063.54	56250.3	-0.35	56063.19	56063.19141	56025.58652	56025.58594	505543.2	5408640.8
T8640.0	505541.9	5408640.8	7222.70020	318.47	49.95	48.830720	-86.924487	56062.67	56250.3	-0.35	56062.33	56062.32813	56024.57124	56024.57031	505541.9	5408640.8
T8640.0	505540.6	5408640.8	7222.79981	316.13	49.79	48.830720	-86.924505	56061.91	56250.3	-0.35	56061.56	56061.55859	56025.66650	56025.66797	505540.6	5408640.8
T8640.0	505539.0	5408640.8	7222.89990	316.06	49.79	48.830720	-86.924526	56061.06	56250.3	-0.35	56060.71	56060.71094	56024.67972	56024.67969	505539.0	5408640.8
T8640.0	505539.0	5408640.8	7223.00000	315.05	55.89	48.830720	-86.924526	56060.29	56250.3	-0.35	56059.94	56059.94141	56025.57046	56025.57031	505539.0	5408640.8
T8640.0	505537.4	5408640.8	7223.00000	315.89	57.1	48.830720	-86.924548	56059.46	56250.3	-0.35	56059.11	56059.10938	56024.89218	56024.89063	505537.4	5408640.8
T8640.0	505536.0	5408640.8	7223.10010	315.19	57.1	48.830720	-86.924568	56058.68	56250.3	-0.35	56058.33	56058.32813	56025.35746	56025.35938	505536.0	5408640.8
T8640.0	505534.2	5408640.8	7223.20020	315.86	60.84	48.830721	-86.924591	56057.82	56250.3	-0.34	56057.47	56057.46875	56023.77667	56023.77734	505534.2	5408640.8
T8640.0	505533.0	5408640.8	7223.39990	316.26	60.84	48.830721	-86.924608	56057.03	56250.3	-0.33	56056.70	56056.69922	56024.32029	56024.32031	505533.0	5408640.8
T8640.0	505533.0	5408640.8	7223.50000	314.26	55.97	48.830721	-86.924608	56056.20	56250.3	-0.33	56055.86	56055.85938	56023.07030	56023.07031	505533.0	5408640.8
T8640.0	505531.1	5408640.8	7223.60010	316.27	55.97	48.830721	-86.924635	56055.41	56250.3	-0.33	56055.09	56055.08984	56023.45440	56023.45313	505531.1	5408640.8
T8640.0	505529.6	5408640.8	7223.70020	315.41	55.74	48.830721	-86.924655	56054.56	56250.3	-0.32	56054.23	56054.23047	56021.56806	56021.56641	505529.6	5408640.8
T8640.0	505527.9	5408640.8	7223.79981	315.95	55.74	48.830721	-86.924678	56053.82	56250.3	-0.32	56053.50	56053.50000	56022.78645	56022.78516	505527.9	5408640.8
T8640.0	505527.9	5408640.8	7223.89990	315.63	61.58	48.830721	-86.924678	56052.98	56250.3	-0.31	56052.66	56052.66016	56021.25426	56021.25391	505527.9	5408640.8
T8640.0	505526.7	5408640.8	7224.00000	315.40	59.27	48.830721	-86.924695	56052.23	56250.3	-0.31	56051.92	56051.92188	56022.10678	56022.10547	505526.7	5408640.8

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
T8640.0	505525.2	5408640.8	7224.00000	315.19	59.27	48.830721	-86.924714	56051.39	56250.3	-0.31	56051.08	56051.07813	56020.45914	56020.46094	505525.2	5408640.8
T8640.0	505523.6	5408640.8	7224.20020	314.81	62.13	48.830721	-86.924737	56050.61	56250.3	-0.31	56050.29	56050.28906	56019.98819	56019.98828	505523.6	5408640.8
T8640.0	505523.6	5408640.8	7224.29981	315.12	60.94	48.830721	-86.924737	56049.77	56250.3	-0.32	56049.46	56049.46094	56018.49274	56018.49219	505523.6	5408640.8
T8640.0	505522.1	5408640.9	7224.39990	316.10	61.65	48.830721	-86.924757	56048.98	56250.3	-0.32	56048.67	56048.67188	56017.94610	56017.94531	505522.1	5408640.9
T8640.0	505520.4	5408640.9	7224.50000	315.98	61.65	48.830721	-86.924780	56048.20	56250.3	-0.32	56047.88	56047.87891	56017.37232	56017.37109	505520.4	5408640.9
T8640.0	505519.0	5408640.9	7224.60010	316.59	61.78	48.830721	-86.924799	56047.39	56250.3	-0.32	56047.07	56047.07031	56016.27902	56016.27734	505519.0	5408640.9
T8640.0	505517.8	5408640.9	7224.70020	316.33	65.9	48.830721	-86.924816	56046.56	56250.3	-0.32	56046.24	56046.23828	56014.66596	56014.66406	505517.8	5408640.9
T8640.0	505517.8	5408640.9	7224.79981	317.43	67.44	48.830721	-86.924816	56045.77	56250.3	-0.33	56045.45	56045.44922	56014.02646	56014.02734	505517.8	5408640.9
T8640.0	505516.4	5408640.9	7224.89990	317.82	67.44	48.830721	-86.924835	56044.96	56250.3	-0.33	56044.63	56044.62891	56012.62331	56012.62500	505516.4	5408640.9
T8640.0	505514.9	5408640.9	7225.00000	317.01	65.94	48.830722	-86.924855	56044.16	56250.3	-0.33	56043.83	56043.82813	56011.70310	56011.70313	505514.9	5408640.9
T8640.0	505513.5	5408640.9	7225.00000	317.46	67.33	48.830722	-86.924875	56043.35	56250.3	-0.33	56043.02	56043.01953	56010.51906	56010.51953	505513.5	5408640.9
T8640.0	505513.5	5408640.9	7225.10010	317.22	66.53	48.830722	-86.924875	56042.59	56250.3	-0.33	56042.26	56042.26172	56010.57185	56010.57031	505513.5	5408640.9
T8640.0	505511.3	5408640.9	7225.20020	316.64	68.22	48.830722	-86.924904	56041.72	56250.3	-0.33	56041.39	56041.39063	56007.85775	56007.85938	505511.3	5408640.9
T8640.0	505510.3	5408640.9	7225.39990	315.56	68.22	48.830722	-86.924917	56040.96	56250.3	-0.33	56040.63	56040.62891	56007.88317	56007.88281	505510.3	5408640.9
T8640.0	505508.9	5408641.0	7225.50000	315.58	67.08	48.830722	-86.924937	56040.08	56250.3	-0.33	56039.75	56039.75000	56004.88793	56004.88672	505508.9	5408641.0
T8640.0	505507.7	5408641.0	7225.60010	316.37	67.08	48.830722	-86.924953	56039.38	56250.3	-0.34	56039.04	56039.03906	56006.13349	56006.13281	505507.7	5408641.0
T8640.0	505506.2	5408641.0	7225.70020	315.89	68.33	48.830722	-86.924973	56038.49	56250.3	-0.34	56038.15	56038.14844	56002.85034	56002.85156	505506.2	5408641.0
T8640.0	505505.5	5408641.0	7225.79981	315.03	71.42	48.830722	-86.924983	56037.73	56250.3	-0.34	56037.39	56037.39063	56002.79909	56002.80078	505505.5	5408641.0
T8640.0	505504.3	5408641.0	7225.89990	316.52	71.42	48.830722	-86.925000	56036.84	56250.3	-0.34	56036.50	56036.50000	55999.47049	55999.46875	505504.3	5408641.0
T8640.0	505502.8	5408641.0	7226.00000	316.27	68.66	48.830722	-86.925019	56036.09	56250.3	-0.34	56035.75	56035.75000	55999.61445	55999.61328	505502.8	5408641.0
T8640.0	505501.4	5408641.0	7226.00000	317.56	71.41	48.830722	-86.925039	56035.31	56250.3	-0.34	56034.97	56034.96875	55998.97635	55998.97656	505501.4	5408641.0
T8640.0	505500.2	5408641.0	7226.20020	316.20	72.79	48.830722	-86.925056	56034.48	56250.3	-0.33	56034.15	56034.14844	55997.31094	55997.31250	505500.2	5408641.0
T8640.0	505498.9	5408641.0	7226.29981	314.79	72.79	48.830722	-86.925072	56033.64	56250.3	-0.33	56033.31	56033.30859	55995.12184	55995.12109	505498.9	5408641.0
T8640.0	505498.9	5408641.0	7226.39990	314.97	60.13	48.830722	-86.925072	56032.87	56250.3	-0.33	56032.54	56032.53906	55994.64922	55994.64844	505498.9	5408641.0
T8640.0	505497.2	5408641.0	7226.50000	316.18	68.23	48.830722	-86.925095	56032.04	56250.3	-0.32	56031.71	56031.71094	55992.66126	55992.66016	505497.2	5408641.0
T8640.0	505495.8	5408641.0	7226.60010	316.87	68.23	48.830722	-86.925115	56031.28	56250.3	-0.32	56030.96	56030.96094	55992.63027	55992.62891	505495.8	5408641.0
T8640.0	505495.1	5408641.0	7226.70020	316.73	74.82	48.830722	-86.925124	56030.44	56250.3	-0.32	56030.12	56030.12109	55990.35113	55990.35156	505495.1	5408641.0
T8640.0	505492.9	5408641.0	7226.79981	316.83	74.82	48.830722	-86.925154	56029.64	56250.3	-0.32	56029.33	56029.32813	55989.27961	55989.28125	505492.9	5408641.0
T8640.0	505492.9	5408641.0	7226.89990	316.86	68.18	48.830722	-86.925154	56028.88	56250.3	-0.31	56028.57	56028.57031	55988.91195	55988.91016	505492.9	5408641.0
T8640.0	505491.5	5408640.9	7227.00000	316.03	68.18	48.830722	-86.925174	56028.07	56250.3	-0.31	56027.76	56027.76172	55987.29629	55987.29688	505491.5	5408640.9
T8640.0	505491.5	5408640.9	7227.00000	316.32	76.55	48.830722	-86.925174	56027.26	56250.3	-0.31	56026.95	56026.94922	55985.65925	55985.66016	505491.5	5408640.9
T8640.0	505489.1	5408640.9	7227.10010	315.63	74.44	48.830722	-86.925207	56026.45	56250.3	-0.31	56026.13	56026.12891	55983.76433	55983.76563	505489.1	5408640.9
T8640.0	505489.1	5408640.9	7227.20020	316.45	74.01	48.830722	-86.925207	56025.71	56250.3	-0.31	56025.40	56025.39844	55983.97685	55983.97656	505489.1	5408640.9
T8640.0	505486.8	5408640.9	7227.39990	316.19	73.6	48.830722	-86.925237	56024.91	56250.3	-0.31	56024.59	56024.58984	55982.22893	55982.23047	505486.8	5408640.9
T8640.0	505485.4	5408640.9	7227.50000	316.11	73.6	48.830722	-86.925257	56024.12	56250.3	-0.32	56023.81	56023.80859	55981.12184	55981.12109	505485.4	5408640.9
T8640.0	505484.5	5408640.9	7227.60010	314.06	77.93	48.830722	-86.925269	56023.36	56250.3	-0.32	56023.05	56023.05078	55980.39004	55980.39063	505484.5	5408640.9
T8640.0	505483.2	5408640.9	7227.70020	314.80	78.36	48.830722	-86.925286	56022.68	56250.3	-0.32	56022.36	56022.35938	55981.16469	55981.16406	505483.2	5408640.9
T8640.0	505482.1	5408640.9	7227.79981	315.45	78.36	48.830722	-86.925302	56021.87	56250.3	-0.32	56021.55	56021.55078	55979.05419	55979.05469	505482.1	5408640.9
T8640.0	505480.7	5408640.9	7227.89990	314.37	78.4	48.830722	-86.925321	56021.16	56250.3	-0.32	56020.84	56020.83984	55979.10186	55979.10156	505480.7	5408640.9
T8640.0	505479.0	5408640.9	7228.00000	314.66	78.72	48.830722	-86.925344	56020.40	56250.3	-0.32	56020.08	56020.07813	55977.86538	55977.86719	505479.0	5408640.9
T8640.0	505479.0	5408640.9	7228.00000	314.00	79.39	48.830722	-86.925344	56019.67	56250.3	-0.32	56019.35	56019.35156	55977.16061	55977.16016	505479.0	5408640.9
T8640.0	505477.6	5408640.9	7228.20020	312.72	79.46	48.830722	-86.925364	56018.93	56250.3	-0.32	56018.62	56018.62109	55976.30341	55976.30469	505477.6	5408640.9
T8640.0	505475.9	5408640.9	7228.29981	311.63	79.46	48.830722	-86.925386	56018.23	56250.3	-0.32	56017.91	56017.91016	55975.73769	55975.73828	505475.9	5408640.9
T8640.0	505475.0	5408640.9	7228.39990	312.90	79.72	48.830722	-86.925399	56017.46	56250.3	-0.32	56017.15	56017.14844	55973.88157	55973.88281	505475.0	5408640.9
T8640.0	505473.5	5408640.9	7228.50000	312.41	79.96	48.830722	-86.925419	56016.81	56250.3	-0.32	56016.50	56016.50000	55974.33554	55974.33594	505473.5	5408640.9
T8640.0	505472.3	5408640.9	7228.60010	312.09	80.07	48.830722	-86.925436	56016.08	56250.3	-0.31	56015.76	56015.76172	55972.58831	55972.58984	505472.3	5408640.9
T8640.0	505470.9	5408640.9	7228.70020	312.78	80.33	48.830722	-86.925454	56015.42	56250.3	-0.31	56015.11	56015.10938	55972.70256	55972.70313	505470.9	5408640.9
T8640.0	505470.9	5408640.9	7228.79981	314.58	80.33	48.830722	-86.925454	56014.71	56250.3	-0.31	56014.40	56014.39844	55971.28091	55971.28125	505470.9	5408640.9
T8640.0	505469.6	5408640.9	7228.89990	315.59	80.43	48.830722	-86.925472	56014.08	56250.3	-0.31	56013.77	56013.76953	55971.51189	55971.51172	505469.6	5408640.9
T8640.0	505467.8	5408640.9	7229.00000	315.30	80.51	48.830722	-86.925496	56013.40	56250.3	-0.31	56013.09	56013.08984	55970.42436	55970.42578	505467.8	5408640.9
T8640.0	505466.6	5408640.9	7229.00000	316.49	80.51	48.830722	-86.925513	56012.74	56250.3	-0.31	56012.43	56012.42969	55969.62105	55969.62109	505466.6	5408640.9
T8640.0	505465.2	5408640.9	7229.10010	317.38	80.69	48.830722	-86.925532	56011.95	56250.3	-0.31	56011.64	56011.64063	55965.59675	55965.59766	505465.2	5408640.9
T8640.0	505465.2	5408640.9	7229.20020	317.54	80.14	48.830722	-86.925532	56011.35	56250.3	-0.31	56011.04	56011.03906	55965.84404	55965.84375	505465.2	5408640.9
T8640.0	505463.8	5408640.9	7229.39990	316.98	80.33	48.830722	-86.925551	56010.62	56250.3	-0.31	56010.31	56010.30859	55962.84810	55962.84766	505463.8	5408640.9
T8640.0	505462.6	5408640.9	7229.50000	315.42	73.38	48.830722	-86.925567	56010.06	56250.3	-0.31	56009.75	56009.75000	55963.73854	55963.73828	505462.6	5408640.9
T8640.0	505460.6	5408641.0	7229.60010	316.50	73.38	48.830723	-86.925595	56009.40	56250.3	-0.30	56009.09	56009.08984	55962.07771	55962.07813	505460.6	5408641.0
T8640.0	505460.6	5408641.0	7229.70020	316.82	81.1	48.830723	-86.925595	56008.74	56250.3	-0.30	56008.44	56008.44141	55960.49138	55960.49219	505460.6	5408641.0
T8640.0	505458.9	5408641.0	7229.79981	315.68	81.1	48.830723	-86.925618	56008.11	56250.3	-0.30	56007.81	56007.80859	55959.22675	55959.22656	505458.9	5408641.0
T8640.0	505457.5	5408641.0	7229.89990	316.05	81.14	48.830723	-86.925637	56007.50	56250.3	-0.30	56007.20	56007.19922	55958.29024	55958.28906	505457.5	5408641.0
T8640.0	505456.0	5408641.0	7230.00000	315.80	79.69	48.830723	-86.925658	56006.90	56250.3	-0.30	56006.60	56006.60156	55957.44045	55957.44141	505456.0	5408641.0
T8640.0	505454.9	5408641.0	7230.00000	314.88	79.69	48.830723	-86.925672	56006.32	56250.3	-0.30	56006.02	56006.01953	55956.92453	55956.92578	505454.9	5408641.0
T8640.0	505453.7	5408641.0	7230.20020	316.39	76.62	48.830723	-86.925688	56005.66	56250.3	-0.30	56005.36	56005.35938	55954.25682	55954.25781	505453.7	5408641.0
T8640.0	505453.7	5408641.0	7230.29981	316.61	75.39	48.830723	-86.925688	56005.10	56250.3	-0.30	56004.79	56004.78906	55953.63720	55953.63672	505453.7	5408641.0
T8640.0	505451.9	5408641.0	7230.39990	315.50	75.39	48.830723	-86.925713	56004.52	56250.3	-0.30	56004.22	56004.21875	55952.81296	55952.81250	505451.9	5408641.0
T8640.0	505450.5	5408641.0	7230.50000	317.04	76.72	48.830723	-86.925732	56003.94	56250.3	-0.31	56003.63	56003.62891	55951.26683	55951.26563	505450.5	5408641.0
T8640.0	505449.3	5408641.0	7230.60010	317.49	76.72	48.830723	-86.925749	56003.41	56250.3	-0.31	56003.10	56003.10156	55950.97344	55950.97266	505449.3	5408641.0
T8640.0	505447.5	5408641.0	7230.70020	317.45	77	48.830723	-86.925773	56002.85	56250.3	-0.31	56002.54	56002.53906	55949.68177	55949.68359	505447.5	5408641.0
T8640.0	505446.3	5408641.0	7230.79981	317.14	78.61	48.830723	-86.925790	56002.29	56250.3	-0.31	56001.99	56001.98828	55948.37046	55948.37109	505446.3	5408641.0
T8640.0	505445.4	5408641.0	7230.89990	316.83	78.61	48.830723	-86.925802	56001.82	56250.3	-0.31	56001.51	56001.51172	55948.52832	55948.52734	505445.4	5408641.0
T8640.0	505445.4	5408641.0	7231.00000	316.10	79.24	48.830723	-86.925802	56001.25	56250.3	-0.31	56000.94	56000.94141	55946.14526	55946.14453	505445.4	5408641.0
T8640.0	505443.9	5408641.0	7231.00000	314.08	79.24	48.830723	-86.925822	56000.72	56250.3	-0.31	56000.41	56000.41016	55944.46482	55944.46484	505443.9	5408641.0
T8640.0	505442.7	5408641.0	7231.10010	314.29	76.23	48.830723	-86.925839	56000.24	56250.3	-0.31	55999.93	55999.92969	55943.74462	55943.74609	505442.7	5408641.0
T8640.0	505440.7	5408641.0	7231.20020	313.76	77.21	48.830723	-86.925866	55999.76	56250.3	-0.31	55999.45	55999.44922	55942.73110	55942.73047	505440.7	5408641.0
T8640.0	505440.7	5408641.0	7231.39990	316.49	77.21	48.830723	-86.925866	55999.28	56250.3	-0.31	55998.97	55998.96875	55941.42156	55941.42188	505440.7	5408641.0
T8640.0	505439.4	5408641.0	7231.50000	317.89	76.36	48.830723	-86.925884	55998.85	56250.3	-0.31	55998.54	55998.53906	55941.07558	55941.07422	505439.4	5408641.0
T8640.0	505438.1	5408641.0	7231.60010	317.22	76.5	48.830723	-86.925902	55998.38	56250.3	-0.31	55998.07	55998.07031	55939.42445	55939.42578	505438.1	5408641.0
T8640.0	505436.6	5408641.0	7231.70020	317.20	77.87	48.830723	-86.925922	55997.94	56250.3	-0.31	55997.63	55997.62891	55938.23443	55938.23438	505436.6	5408641.0
T8640.0	505434.8	5408641.0	7231.79981	317.19	77.87	48.830724	-86.925946	55997.48	56250.3	-0.31	55997.17	55997.17188	55936.24414	55936.24609	505434.8	5408641.0
T8640.0	505433.6	5408641.1	7231.89990	315.90	78.96	48.830724	-86.925963	55997.18	56250.3	-0.31	55996.87	55996.87109	55937.99818	55938.00000	505433.6	5408641.1
T8640.0	505433.6	5408641.1	7232.00000	316.80	77.94	48.830724	-86.925963	55996.70	56250.3	-0.31	55996.39	55996.39063	55934.90864	55934.91016	505433.6	5408641.1
T8640.0	505432.2	5408641.1	7232.00000	316.39	73.92	48.830724	-86.925981	55996.35	56250.3	-0.31	55996.04	55996.03906	55934.79770	55934.79688	505432.2	5408641.1
T8640.0	505430.8	5408641.1	7232.20020	316.34	73.92	48.830724	-86.926001	55995.99	56250.3	-0.31	55995.68	55995.67969	55934.12561	55934.12500	505430.8	5408641.1
T8640.0	505429.1	5408641.1	7232.29981	317.98	73.82	48.830724	-86.926024	55995.64	56250.3	-0.31	55995.33	55995.32813	55933.39151	55933.39063	505429.1	5408641.1
T8640.0	505428.1	5408641.1	7232.39990	317.10	73.82	48.830724	-86.926038	55995.29	56250.3	-0.31	55994.98	55994.98047	55932.33979	55932.33984	505428.1	5408641.1
T8640.0	505426.6	5408641.1	7232.50000	316.31	77.33	48.830724	-86.926057	55995.01	56250.3	-0.31	55994.70	55994.69922	55932.69968	55932.69922	505426.6	5408641.1
T8640.0	505426.6	5408641.1	7232.60010	317.81	79.22	48.830724	-86.926057	55994.68	56250.3	-0.30	55994.38	55994.37891	55931.71389	55931.71484	505426.6	5408641.1
T8640.0	505425.3	5408641.1	7232.70020	317.16	77.96	48.830724	-86.926075	55994.35	56250.3	-0.30	55994.05	55994.05078	55930.12723	55930.12891	505425.3	5408641.1
T8640.0	505423.7	5408641.1	7232.79981	317.04	77.96	48.830724	-86.926098	55994.07	56250.3	-0.30	55993.77	55993.76953	55929.41144	55929.41016	505423.7	5408641.1
T8640.0	505422.1	5408641.1	7232.89990	316.67	77.93	48.830724	-86.926119	55993.79	56250.3	-0.30	55993.49	55993.48828	55928.31773	55928.31641	505422.1	5408641.1
T8640.0	505420.7	5408641.1	7233.00000	316.45	77.68	48.830724	-86.926138	55993.57	56250.3	-0.30	55993.27	55993.26953	55928.30101	55928.30078	505420.7	5408641.1
T8640.0	505420.7	5408641.1	7233.00000	315.43	77.68	48.830724	-86.926138	55993.34	56250.3	-0.30	55993.04	55993.03906	55927.63037	55927.62891	505420.7	5408641.1
T8640.0	505419.3	5408641.1	7233.10010	314.55	79.78	48.830724	-86.926158	55993.18	56250.3	-0.30	55992.89	55992.89063	55928.48624	55928.48438	505419.3	5408641.1
T8640.0	505417.7	5408641.2	7233.20020	314.81	79.11	48.830725	-86.926180	55992.93	56250.3	-0.30	55992.64	55992.64063	55926.48708	55926.48828	505417.7	5408641.2

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
T8640.0	505416.5	5408641.2	7233.39990	315.24	79.11	48.830725	-86.926196	55992.78	56250.3	-0.29	55992.49	55992.48828	55926.49295	55926.49219	505416.5	5408641.2
T8640.0	505415.2	5408641.2	7233.50000	314.50	80.58	48.830725	-86.926214	55992.63	56250.3	-0.29	55992.34	55992.33984	55926.07230	55926.07422	505415.2	5408641.2
T8640.0	505415.2	5408641.2	7233.60010	314.94	78.86	48.830725	-86.926214	55992.50	56250.3	-0.29	55992.22	55992.21875	55925.95317	55925.95313	505415.2	5408641.2
T8640.0	505413.5	5408641.2	7233.70020	314.82	78.86	48.830725	-86.926237	55992.43	56250.3	-0.29	55992.14	55992.14063	55926.38079	55926.37891	505413.5	5408641.2
T8640.0	505412.2	5408641.2	7233.79981	314.91	81.85	48.830725	-86.926254	55992.38	56250.3	-0.28	55992.10	55992.10156	55927.36078	55927.35938	505412.2	5408641.2
T8640.0	505410.5	5408641.2	7233.89990	315.55	71.69	48.830725	-86.926277	55992.27	56250.3	-0.28	55991.99	55991.98828	55926.21416	55926.21484	505410.5	5408641.2
T8640.0	505409.1	5408641.2	7234.00000	315.76	71.69	48.830725	-86.926297	55992.25	56250.3	-0.28	55991.97	55991.96875	55926.84144	55926.83984	505409.1	5408641.2
T8640.0	505409.1	5408641.2	7234.00000	316.03	83.83	48.830725	-86.926297	55992.20	56250.3	-0.28	55991.92	55991.92188	55926.31333	55926.31250	505409.1	5408641.2
T8640.0	505407.4	5408641.2	7234.20020	316.77	83.83	48.830725	-86.926320	55992.18	56250.3	-0.28	55991.89	55991.89063	55925.85928	55925.85938	505407.4	5408641.2
T8640.0	505405.7	5408641.2	7234.29981	318.13	83.94	48.830726	-86.926343	55992.13	56250.3	-0.28	55991.84	55991.83984	55924.49937	55924.50000	505405.7	5408641.2
T8640.0	505405.7	5408641.2	7234.39990	318.20	83.94	48.830726	-86.926343	55992.18	56250.3	-0.28	55991.89	55991.89063	55925.21049	55925.21094	505405.7	5408641.2
T8640.0	505404.0	5408641.2	7234.50000	319.81	83.58	48.830726	-86.926367	55992.23	56250.3	-0.29	55991.94	55991.94141	55925.53233	55925.53125	505404.0	5408641.2
T8640.0	505402.5	5408641.2	7234.60010	319.78	78.39	48.830725	-86.926386	55992.28	56250.3	-0.29	55991.99	55991.98828	55925.46682	55925.46875	505402.5	5408641.2
T8640.0	505402.5	5408641.2	7234.70020	317.26	78.39	48.830725	-86.926386	55992.40	56250.3	-0.29	55992.11	55992.10938	55926.77856	55926.77734	505402.5	5408641.2
T8640.0	505400.6	5408641.2	7234.79981	317.30	80.96	48.830725	-86.926413	55992.50	56250.3	-0.29	55992.22	55992.21875	55927.47405	55927.47266	505400.6	5408641.2
T8640.0	505399.1	5408641.2	7234.89990	317.11	76.72	48.830725	-86.926433	55992.63	56250.3	-0.29	55992.34	55992.33984	55928.06004	55928.05859	505399.1	5408641.2
T8640.0	505397.6	5408641.2	7235.00000	315.95	76.72	48.830725	-86.926453	55992.73	56250.3	-0.29	55992.44	55992.44141	55927.77963	55927.78125	505397.6	5408641.2
T8640.0	505397.6	5408641.2	7235.00000	316.14	80.17	48.830725	-86.926453	55992.91	56250.3	-0.29	55992.62	55992.62109	55929.18024	55929.17969	505397.6	5408641.2
T8640.0	505396.2	5408641.2	7235.10010	316.78	80.17	48.830725	-86.926473	55993.09	56250.3	-0.29	55992.80	55992.80078	55930.23653	55930.23828	505396.2	5408641.2
T8640.0	505394.7	5408641.2	7235.20020	315.98	81.76	48.830725	-86.926493	55993.24	56250.3	-0.29	55992.95	55992.94922	55930.18077	55930.17969	505394.7	5408641.2
T8640.0	505393.3	5408641.2	7235.39990	315.94	79.25	48.830725	-86.926512	55993.44	56250.3	-0.29	55993.15	55993.14844	55931.06087	55931.06250	505393.3	5408641.2
T8640.0	505391.9	5408641.2	7235.50000	316.98	79.25	48.830725	-86.926531	55993.69	56250.3	-0.29	55993.40	55993.39844	55932.87947	55932.87891	505391.9	5408641.2
T8640.0	505391.9	5408641.2	7235.50000	317.58	79	48.830725	-86.926531	55993.84	56250.3	-0.29	55993.55	55993.55078	55931.77734	55931.77734	505391.9	5408641.2
T8640.0	505390.3	5408641.2	7235.70020	317.76	79.21	48.830725	-86.926552	55994.05	56250.3	-0.29	55993.76	55993.76172	55931.86576	55931.86719	505390.3	5408641.2
T8640.0	505388.9	5408641.2	7235.79981	319.13	79.21	48.830725	-86.926572	55994.38	56250.3	-0.29	55994.08	55994.07813	55934.44469	55934.44531	505388.9	5408641.2
T8640.0	505387.4	5408641.2	7235.89990	318.09	82.25	48.830725	-86.926592	55994.58	56250.3	-0.29	55994.29	55994.28906	55933.83162	55933.83203	505387.4	5408641.2
T8640.0	505386.3	5408641.2	7236.00000	317.57	79.42	48.830725	-86.926607	55994.83	56250.3	-0.29	55994.54	55994.53906	55933.90046	55933.90234	505386.3	5408641.2
T8640.0	505384.6	5408641.2	7236.00000	316.09	79.42	48.830725	-86.926630	55995.21	56250.3	-0.29	55994.92	55994.92188	55937.00114	55937.00000	505384.6	5408641.2
T8640.0	505382.9	5408641.2	7236.20020	316.23	77.97	48.830725	-86.926653	55995.54	56250.3	-0.29	55995.25	55995.25000	55938.46056	55938.46094	505382.9	5408641.2
T8640.0	505382.9	5408641.2	7236.29981	316.33	77.97	48.830725	-86.926653	55995.87	56250.3	-0.29	55995.58	55995.57813	55939.58682	55939.58594	505382.9	5408641.2
T8640.0	505381.7	5408641.2	7236.39990	316.90	79.52	48.830725	-86.926670	55996.15	56250.3	-0.29	55995.86	55995.85938	55930.70855	55930.70703	505381.7	5408641.2
T8640.0	505380.5	5408641.2	7236.50000	317.50	79.52	48.830725	-86.926686	55996.45	56250.3	-0.29	55996.15	55996.14844	55930.88903	55930.89063	505380.5	5408641.2
T8640.0	505379.3	5408641.2	7236.60010	318.19	79.82	48.830725	-86.926702	55996.83	56250.3	-0.29	55996.54	55996.53906	55932.66338	55932.66406	505379.3	5408641.2
T8640.0	505378.0	5408641.2	7236.70020	317.44	81.13	48.830726	-86.926720	55997.18	56250.3	-0.29	55996.89	55996.89063	55933.54873	55933.54688	505378.0	5408641.2
T8640.0	505376.8	5408641.2	7236.79981	317.61	82.85	48.830726	-86.926736	55997.54	56250.3	-0.29	55997.25	55997.25000	55934.45254	55934.45313	505376.8	5408641.2
T8640.0	505375.8	5408641.2	7236.89990	318.15	82.85	48.830726	-86.926750	55997.94	56250.3	-0.29	55997.65	55997.64844	55935.94313	55935.94141	505375.8	5408641.2
T8640.0	505374.5	5408641.2	7237.00000	318.78	81.55	48.830726	-86.926769	55998.34	56250.3	-0.29	55998.05	55998.05078	55937.31409	55937.31250	505374.5	5408641.2
T8640.0	505373.1	5408641.2	7237.00000	318.19	81.55	48.830726	-86.926786	55998.75	56250.3	-0.29	55998.46	55998.46094	55938.76066	55938.76172	505373.1	5408641.2
T8640.0	505373.1	5408641.2	7237.10010	318.63	80.48	48.830726	-86.926786	55999.13	56250.3	-0.29	55998.84	55998.83984	55939.55753	55939.55859	505373.1	5408641.2
T8640.0	505371.3	5408641.3	7237.20020	317.98	79.82	48.830726	-86.926811	55999.61	56250.3	-0.29	55999.32	55999.32031	55942.11255	55942.11328	505371.3	5408641.3
T8640.0	505369.9	5408641.3	7237.39990	318.59	79.82	48.830726	-86.926831	55999.99	56250.3	-0.29	55999.70	55999.69922	55942.73249	55942.73438	505369.9	5408641.3
T8640.0	505368.5	5408641.3	7237.50000	318.67	80.66	48.830726	-86.926849	56000.42	56250.3	-0.29	56000.13	56000.12891	55944.20009	55944.19922	505368.5	5408641.3
T8640.0	505367.2	5408641.3	7237.60010	318.37	80.66	48.830726	-86.926867	56000.92	56250.3	-0.28	56000.64	56000.64063	55947.07637	55947.07813	505367.2	5408641.3
T8640.0	505365.8	5408641.3	7237.70020	320.26	82.02	48.830726	-86.926887	56001.34	56250.3	-0.28	56001.05	56001.05078	55948.01671	55948.01563	505365.8	5408641.3
T8640.0	505364.6	5408641.3	7237.79981	322.07	81.98	48.830727	-86.926903	56001.84	56250.3	-0.28	56001.56	56001.55859	55950.73221	55950.73047	505364.6	5408641.3
T8640.0	505364.6	5408641.3	7237.79981	320.75	81.98	48.830727	-86.926903	56002.24	56250.3	-0.28	56001.96	56001.96094	55951.32946	55951.32813	505364.6	5408641.3
T8640.0	505362.9	5408641.3	7238.00000	320.58	83.89	48.830727	-86.926926	56002.80	56250.3	-0.28	56002.52	56002.51953	55954.79799	55954.79688	505362.9	5408641.3
T8640.0	505361.6	5408641.3	7238.00000	319.48	83.89	48.830727	-86.926944	56003.23	56250.3	-0.28	56002.95	56002.94922	55955.78119	55955.78125	505361.6	5408641.3
T8640.0	505360.4	5408641.3	7238.20020	318.59	84.01	48.830727	-86.926960	56003.73	56250.3	-0.28	56003.46	56003.46094	55958.14218	55958.14063	505360.4	5408641.3
T8640.0	505360.4	5408641.3	7238.29981	319.21	83.39	48.830727	-86.926960	56004.22	56250.3	-0.28	56003.94	56003.94141	55959.86019	55959.85938	505360.4	5408641.3
T8640.0	505358.6	5408641.3	7238.39990	319.15	83.82	48.830727	-86.926985	56004.74	56250.3	-0.28	56004.47	56004.46875	55962.39029	55962.39063	505358.6	5408641.3
T8640.0	505357.2	5408641.3	7238.50000	318.72	83.82	48.830727	-86.927004	56005.20	56250.3	-0.27	56004.92	56004.92188	55963.38014	55963.37891	505357.2	5408641.3
T8640.0	505356.2	5408641.4	7238.60010	316.61	86.14	48.830727	-86.927017	56005.73	56250.3	-0.27	56005.46	56005.46094	55965.89515	55965.89453	505356.2	5408641.4
T8640.0	505354.6	5408641.4	7238.70020	316.17	83.05	48.830727	-86.927038	56006.29	56250.3	-0.27	56006.01	56006.01172	55968.48653	55968.48828	505354.6	5408641.4
T8640.0	505353.0	5408641.4	7238.79981	314.51	83.05	48.830727	-86.927061	56006.77	56250.3	-0.27	56006.50	56006.50000	55969.91364	55969.91406	505353.0	5408641.4
T8640.0	505353.0	5408641.4	7238.89990	316.26	80.55	48.830727	-86.927061	56007.25	56250.3	-0.27	56006.98	56006.98047	55970.72397	55970.72266	505353.0	5408641.4
T8640.0	505351.4	5408641.4	7239.00000	315.18	80.55	48.830727	-86.927083	56007.75	56250.3	-0.27	56007.48	56007.48047	55971.80669	55971.80859	505351.4	5408641.4
T8640.0	505349.2	5408641.4	7239.00000	316.42	84.08	48.830728	-86.927113	56008.21	56250.3	-0.27	56007.95	56007.94922	55972.02846	55972.02734	505349.2	5408641.4
T8640.0	505349.2	5408641.4	7239.10010	316.12	84.52	48.830728	-86.927113	56008.74	56250.3	-0.27	56008.47	56008.46875	55973.47964	55973.48047	505349.2	5408641.4
T8640.0	505348.0	5408641.4	7239.20020	316.02	85.37	48.830728	-86.927129	56009.22	56250.3	-0.27	56008.95	56008.94922	55973.82719	55973.82813	505348.0	5408641.4
T8640.0	505346.1	5408641.5	7239.39990	316.51	85.37	48.830728	-86.927155	56009.73	56250.3	-0.27	56009.46	56009.46094	55974.89023	55974.89063	505346.1	5408641.5
T8640.0	505346.1	5408641.5	7239.50000	317.15	85.26	48.830728	-86.927155	56010.21	56250.3	-0.27	56009.93	56009.92969	55974.87058	55974.87109	505346.1	5408641.5
T8640.0	505343.6	5408641.5	7239.60010	318.15	85.26	48.830728	-86.927189	56010.82	56250.3	-0.28	56010.54	56010.53906	55978.39327	55978.39453	505343.6	5408641.5
T8640.0	505343.6	5408641.5	7239.70020	318.85	86.11	48.830728	-86.927189	56011.20	56250.3	-0.28	56010.92	56010.92188	55975.98546	55975.98438	505343.6	5408641.5
T8640.0	505341.9	5408641.5	7239.79981	317.37	83.12	48.830728	-86.927212	56011.80	56250.3	-0.28	56011.52	56011.51953	55979.17460	55979.17578	505341.9	5408641.5
T8640.0	505340.7	5408641.5	7239.89990	317.20	83.12	48.830728	-86.927228	56012.21	56250.3	-0.28	56011.93	56011.92969	55977.49851	55977.50000	505340.7	5408641.5
T8640.0	505339.1	5408641.5	7239.89990	318.29	83.18	48.830729	-86.927250	56012.77	56250.3	-0.28	56012.49	56012.48828	55979.64096	55979.64063	505339.1	5408641.5
T8640.0	505338.1	5408641.5	7240.00000	317.66	84.43	48.830729	-86.927264	56013.24	56250.3	-0.28	56012.96	56012.96094	55979.49899	55979.50000	505338.1	5408641.5
T8640.0	505336.4	5408641.5	7240.20020	317.14	84.43	48.830729	-86.927287	56013.77	56250.3	-0.28	56013.49	56013.48828	55980.89060	55980.89063	505336.4	5408641.5
T8640.0	505336.4	5408641.5	7240.29981	317.81	84.38	48.830729	-86.927287	56014.34	56250.3	-0.28	56014.06	56014.05859	55983.30178	55983.30078	505336.4	5408641.5
T8640.0	505334.5	5408641.5	7240.39990	316.75	84.38	48.830729	-86.927313	56014.84	56250.3	-0.28	56014.56	56014.55859	55983.95918	55983.96094	505334.5	5408641.5
T8640.0	505334.5	5408641.5	7240.39990	316.64	86.25	48.830729	-86.927313	56015.29	56250.3	-0.28	56015.01	56015.01172	55983.38502	55983.38672	505334.5	5408641.5
T8640.0	505332.8	5408641.5	7240.60010	315.69	87.27	48.830729	-86.927336	56015.88	56250.3	-0.28	56015.60	56015.60156	55986.34404	55986.34375	505332.8	5408641.5
T8640.0	505331.1	5408641.5	7240.60010	316.13	87.27	48.830729	-86.927359	56016.38	56250.3	-0.28	56016.10	56016.10156	55987.07000	55987.07031	505331.1	5408641.5
T8640.0	505329.2	5408641.5	7240.70020	316.11	87.56	48.830728	-86.927385	56016.91	56250.3	-0.28	56016.63	56016.62891	55988.56466	55988.56641	505329.2	5408641.5
T8640.0	505329.2	5408641.5	7240.79981	316.16	87.56	48.830728	-86.927385	56017.42	56250.3	-0.28	56017.14	56017.14063	55989.58419	55989.58594	505329.2	5408641.5
T8640.0	505327.5	5408641.5	7240.89990	315.20	89.09	48.830728	-86.927409	56017.95	56250.3	-0.28	56017.67	56017.67188	55991.11853	55991.11719	505327.5	5408641.5
T8640.0	505325.6	5408641.4	7241.00000	314.35	89.09	48.830728	-86.927434	56018.43	56250.3	-0.28	56018.15	56018.14844	55991.44506	55991.44531	505325.6	5408641.4
T8640.0	505324.1	5408641.4	7241.10010	314.51	86.53	48.830728	-86.927454	56018.96	56250.3	-0.28	56018.68	56018.67969	55993.02112	55993.01953	505324.1	5408641.4
T8640.0	505324.1	5408641.4	7241.20020	315.51	86.53	48.830728	-86.927454	56019.39	56250.3	-0.28	56019.12	56019.12109	55992.42406	55992.42578	505324.1	5408641.4
T8640.0	505322.8	5408641.4	7241.29981	316.11	89.99	48.830728	-86.927473	56019.95	56250.3	-0.27	56019.67	56019.67188	55994.53551	55994.53516	505322.8	5408641.4
T8640.0	505321.4	5408641.4	7241.39990	314.93	91.26	48.830728	-86.927492	56020.48	56250.3	-0.27	56020.21	56020.21094	55996.42764	55996.42578	505321.4	5408641.4
T8640.0	505321.4	5408641.4	7241.50000	314.74	91.26	48.830728	-86.927492	56020.96	56250.3	-0.27	56020.69	56020.69141	55996.89450	55996.89453	505321.4	5408641.4
T8640.0	505319.6	5408641.4	7241.60010	314.91	91.31	48.830727	-86.927516	56021.44	56250.3	-0.27	56021.17	56021.17188	55997.39727	55997.39844	505319.6	5408641.4
T8640.0	505318.2	5408641.4	7241.70020	314.57	92.04	48.830727	-86.927535	56021.94	56250.3	-0.27	56021.67	56021.67188	55998.42134	55998.42188	505318.2	5408641.4
T8640.0	505316.9	5408641.4	7241.79981	316.11	92.04	48.830727	-86.927552	56022.43	56250.3	-0.26	56022.17	56022.17188	55999.48500	55999.48438	505316.9	5408641.4
T8640.0	505316.9	5408641.4	7241.89990	316.24	82.81	48.830727	-86.927552	56022.91	56250.3	-0.26	56022.64	56022.64063	55999.86654	55999.86719	505316.9	5408641.4
T8640.0	505314.1	5408641.3	7242.00000	317.18	82.81	48.830727	-86.927591	56023.41	56250.3	-0.26	56023.15	56023.14844	56001.25927	56001.25781	505314.1	5408641.3
T8640.0	505312.9	5408641.3	7242.10010	316.57	91.69	48.830727	-86.927608	56023.89	56250.3	-0.26	56023.63	56023.62891	56001.97603	56001.97656	505312.9	5408641.3
T8640.0	505311.7	5408641.3	7242.29981	316.27	93.17	48.830727	-86.927624	56024.35	56250.3	-0.26	56024.09	56024.08984	56002.26103	56002.26172	505311.7	5408641.3
T8640.0	505311.7	5408641.3	7242.29981	316.10	93.17	48.830727	-86.927624	56024.83	56250.3	-0.26	56024.57	56024.57031	56003.08269	56003.08203	505311.7	5408641.3
T8640.0	505310.3	5408641.3	7242.39990	315.97	92.99	48.830727	-86.927643	56025.34	56250.3	-0.26	56025.08	56025.07813	56004.68393	56004.68359	505310.3	5408641.3
T8640.0	505308.6	5408641.3	7242.50000	315.86	92.99	48.830727	-86.927666	56025.77	56250.3	-0.26	56025.51	56025.51172	56004.40714	56004.40625	505308.6	5408641.3

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
T8640.0	505308.6	5408641.3	7242.60010	315.72	91.07	48.830727	-86.927666	56026.22	56250.3	-0.26	56025.96	56025.96094	56004.67152	56004.67188	505308.6	5408641.3
T8640.0	505306.1	5408641.3	7242.70020	316.77	91.07	48.830727	-86.927700	56026.70	56250.3	-0.26	56026.44	56026.44141	56005.72262	56005.72266	505306.1	5408641.3
T8640.0	505306.1	5408641.3	7242.79981	317.99	93.88	48.830727	-86.927700	56027.16	56250.3	-0.26	56026.90	56026.89844	56006.35110	56006.35156	505306.1	5408641.3
T8640.0	505304.8	5408641.3	7242.89990	317.66	93.88	48.830727	-86.927718	56027.64	56250.3	-0.26	56027.38	56027.37891	56007.52750	56007.52734	505304.8	5408641.3
T8640.0	505303.6	5408641.3	7243.00000	317.31	96.09	48.830727	-86.927735	56028.09	56250.3	-0.26	56027.83	56027.82813	56008.04054	56008.03906	505303.6	5408641.3
T8640.0	505302.1	5408641.3	7243.10010	315.58	96.09	48.830727	-86.927754	56028.55	56250.3	-0.26	56028.29	56028.28906	56008.85826	56008.85938	505302.1	5408641.3
T8640.0	505300.7	5408641.3	7243.20020	315.26	93.05	48.830727	-86.927774	56028.98	56250.3	-0.26	56028.72	56028.71875	56009.00864	56009.00781	505300.7	5408641.3
T8640.0	505299.2	5408641.3	7243.29981	315.12	93.05	48.830727	-86.927794	56029.43	56250.3	-0.25	56029.18	56029.17969	56009.94867	56009.94922	505299.2	5408641.3
T8640.0	505299.2	5408641.3	7243.39990	314.96	89.82	48.830727	-86.927794	56029.84	56250.3	-0.25	56029.59	56029.58984	56009.73496	56009.73438	505299.2	5408641.3
T8640.0	505297.8	5408641.3	7243.50000	315.09	89.73	48.830727	-86.927813	56030.32	56250.3	-0.25	56030.07	56030.07031	56011.28393	56011.28516	505297.8	5408641.3
T8640.0	505296.1	5408641.3	7243.70020	315.62	89.73	48.830727	-86.927836	56030.68	56250.2	-0.25	56030.43	56030.42969	56009.97287	56009.97266	505296.1	5408641.3
T8640.0	505294.7	5408641.3	7243.79981	315.47	92.8	48.830727	-86.927855	56031.18	56250.2	-0.24	56030.94	56030.94141	56012.37501	56012.37500	505294.7	5408641.3
T8640.0	505293.3	5408641.3	7243.89990	316.11	92.8	48.830727	-86.927875	56031.56	56250.2	-0.24	56031.32	56031.32031	56011.66736	56011.66797	505293.3	5408641.3
T8640.0	505291.9	5408641.3	7244.00000	315.84	94.17	48.830727	-86.927894	56032.04	56250.2	-0.24	56031.80	56031.80078	56013.46264	56013.46094	505291.9	5408641.3
T8640.0	505291.9	5408641.3	7244.00000	316.51	94.17	48.830727	-86.927894	56032.42	56250.2	-0.24	56032.18	56032.17969	56012.87248	56012.87109	505291.9	5408641.3
T8640.0	505290.2	5408641.2	7244.20020	317.09	94.28	48.830727	-86.927917	56032.90	56250.2	-0.24	56032.66	56032.66016	56014.79739	56014.79688	505290.2	5408641.2
T8640.0	505288.5	5408641.2	7244.29981	317.39	94.85	48.830726	-86.927940	56033.28	56250.2	-0.24	56033.04	56033.03906	56014.32968	56014.32813	505288.5	5408641.2
T8640.0	505288.5	5408641.2	7244.39990	317.94	94.85	48.830726	-86.927940	56033.71	56250.2	-0.24	56033.48	56033.48047	56015.40319	56015.40234	505288.5	5408641.2
T8640.0	505287.0	5408641.2	7244.50000	316.52	95.62	48.830726	-86.927960	56034.12	56250.2	-0.24	56033.88	56033.87891	56015.55570	56015.55469	505287.0	5408641.2
T8640.0	505285.8	5408641.2	7244.60010	316.31	97.6	48.830726	-86.927977	56034.52	56250.2	-0.23	56034.29	56034.28906	56016.02206	56016.02344	505285.8	5408641.2
T8640.0	505284.4	5408641.2	7244.70020	316.42	97.6	48.830726	-86.927996	56034.92	56250.2	-0.23	56034.69	56034.69141	56016.30843	56016.30859	505284.4	5408641.2
T8640.0	505283.0	5408641.2	7244.70020	315.98	95.56	48.830726	-86.928014	56035.38	56250.2	-0.23	56035.14	56035.14063	56017.90687	56017.90625	505283.0	5408641.2
T8640.0	505281.8	5408641.2	7244.89990	315.67	99.12	48.830726	-86.928031	56035.68	56250.2	-0.23	56035.45	56035.44922	56016.08910	56016.08984	505281.8	5408641.2
T8640.0	505281.8	5408641.2	7245.00000	316.87	99.12	48.830726	-86.928031	56036.16	56250.2	-0.23	56035.93	56035.92969	56018.57392	56018.57422	505281.8	5408641.2
T8640.0	505280.1	5408641.2	7245.00000	315.51	98.83	48.830726	-86.928055	56036.52	56250.2	-0.23	56036.29	56036.28906	56018.13268	56018.13281	505280.1	5408641.2
T8640.0	505278.4	5408641.2	7245.10010	317.42	98.83	48.830726	-86.928078	56036.95	56250.2	-0.23	56036.72	56036.71875	56019.50442	56019.50391	505278.4	5408641.2
T8640.0	505277.1	5408641.2	7245.20020	318.12	101.41	48.830726	-86.928096	56037.33	56250.2	-0.23	56037.10	56037.10156	56019.69067	56019.69141	505277.1	5408641.2
T8640.0	505275.9	5408641.2	7245.39990	317.45	101.41	48.830726	-86.928111	56037.73	56250.2	-0.23	56037.50	56037.50000	56020.43967	56020.44141	505275.9	5408641.2
T8640.0	505274.5	5408641.2	7245.39990	318.71	97.02	48.830726	-86.928131	56038.09	56250.2	-0.23	56037.86	56037.85938	56020.24804	56020.24609	505274.5	5408641.2
T8640.0	505274.5	5408641.2	7245.50000	317.74	97.02	48.830726	-86.928131	56038.48	56250.2	-0.23	56038.26	56038.26172	56021.11741	56021.11719	505274.5	5408641.2
T8640.0	505272.7	5408641.2	7245.60010	316.37	101.7	48.830726	-86.928155	56038.87	56250.2	-0.22	56038.65	56038.64844	56021.79432	56021.79297	505272.7	5408641.2
T8640.0	505271.7	5408641.2	7245.70020	314.84	100.21	48.830726	-86.928168	56039.22	56250.2	-0.22	56039.00	56039.00000	56021.52444	56021.52344	505271.7	5408641.2
T8640.0	505270.3	5408641.2	7245.79981	315.37	90.8	48.830726	-86.928188	56039.60	56250.2	-0.22	56039.38	56039.37891	56022.06149	56022.06250	505270.3	5408641.2
T8640.0	505270.3	5408641.2	7245.89990	314.32	90.8	48.830726	-86.928188	56039.98	56250.2	-0.22	56039.76	56039.76172	56022.65187	56022.65234	505270.3	5408641.2
T8640.0	505268.4	5408641.2	7246.00000	315.86	91.68	48.830726	-86.928214	56040.26	56250.2	-0.22	56040.04	56040.03906	56020.78022	56020.78125	505268.4	5408641.2
T8640.0	505266.7	5408641.2	7246.10010	316.40	91.68	48.830726	-86.928236	56040.66	56250.2	-0.22	56040.44	56040.44141	56021.97524	56021.97656	505266.7	5408641.2
T8640.0	505265.2	5408641.2	7246.20020	317.03	102.17	48.830726	-86.928257	56041.07	56250.2	-0.22	56040.84	56040.83984	56023.22229	56023.22266	505265.2	5408641.2
T8640.0	505265.2	5408641.2	7246.29981	316.36	101.48	48.830726	-86.928257	56041.43	56250.2	-0.22	56041.20	56041.19922	56023.51230	56023.51172	505265.2	5408641.2
T8640.0	505262.3	5408641.2	7246.39990	316.13	101.48	48.830726	-86.928297	56041.75	56250.2	-0.22	56041.53	56041.53125	56023.09385	56023.09375	505262.3	5408641.2
T8640.0	505262.3	5408641.2	7246.50000	316.67	103.42	48.830726	-86.928297	56042.13	56250.2	-0.22	56041.91	56041.91016	56023.98622	56023.98438	505262.3	5408641.2
T8640.0	505260.3	5408641.2	7246.60010	317.34	103.42	48.830726	-86.928324	56042.49	56250.2	-0.23	56042.26	56042.26172	56024.16896	56024.16797	505260.3	5408641.2
T8640.0	505258.9	5408641.2	7246.70020	317.38	103.97	48.830726	-86.928343	56042.84	56250.2	-0.23	56042.61	56042.60938	56024.39894	56024.39844	505258.9	5408641.2
T8640.0	505258.9	5408641.2	7246.79981	317.54	104.26	48.830726	-86.928343	56043.20	56250.2	-0.23	56042.97	56042.96875	56024.92905	56024.92969	505258.9	5408641.2
T8640.0	505257.5	5408641.2	7246.89990	317.29	104.26	48.830726	-86.928363	56043.57	56250.2	-0.23	56043.34	56043.33984	56025.75938	56025.75781	505257.5	5408641.2
T8640.0	505255.8	5408641.2	7247.00000	317.48	104.53	48.830726	-86.928386	56043.95	56250.2	-0.23	56043.72	56043.71875	56026.88984	56026.89063	505255.8	5408641.2
T8640.0	505255.8	5408641.2	7247.10010	316.10	97.52	48.830726	-86.928386	56044.25	56250.2	-0.23	56044.02	56044.01953	56026.03589	56026.03516	505255.8	5408641.2
T8640.0	505253.8	5408641.1	7247.20020	317.25	97.52	48.830726	-86.928412	56044.62	56250.2	-0.23	56044.39	56044.39063	56027.00284	56027.00391	505253.8	5408641.1
T8640.0	505252.1	5408641.1	7247.29981	317.92	104.96	48.830726	-86.928436	56044.96	56250.2	-0.23	56044.73	56044.73047	56027.25225	56027.25391	505252.1	5408641.1
T8640.0	505250.6	5408641.1	7247.39990	316.83	104.96	48.830726	-86.928456	56045.29	56250.2	-0.23	56045.06	56045.05859	56027.29116	56027.29297	505250.6	5408641.1
T8640.0	505248.9	5408641.1	7247.50000	315.81	101.35	48.830726	-86.928479	56045.63	56250.2	-0.23	56045.39	56045.39063	56027.37270	56027.37109	505248.9	5408641.1
T8640.0	505248.9	5408641.1	7247.60010	316.90	104.65	48.830726	-86.928479	56045.90	56250.2	-0.23	56045.67	56045.67188	56026.23131	56026.23047	505248.9	5408641.1
T8640.0	505247.2	5408641.1	7247.70020	314.89	104.65	48.830726	-86.928502	56046.33	56250.2	-0.23	56046.10	56046.10156	56028.92386	56028.92578	505247.2	5408641.1
T8640.0	505247.2	5408641.1	7247.79981	316.79	95.42	48.830726	-86.928502	56046.66	56250.2	-0.23	56046.43	56046.42969	56029.12632	56029.12500	505247.2	5408641.1
T8640.0	505245.3	5408641.1	7247.89990	317.93	95.42	48.830726	-86.928528	56046.98	56250.2	-0.23	56046.75	56046.75000	56029.11585	56029.11719	505245.3	5408641.1
T8640.0	505245.3	5408641.1	7248.00000	317.65	98.68	48.830726	-86.928528	56047.34	56250.2	-0.23	56047.11	56047.10938	56030.14793	56030.14844	505245.3	5408641.1
T8640.0	505243.9	5408641.1	7248.10010	317.91	102.26	48.830726	-86.928548	56047.64	56250.2	-0.23	56047.42	56047.42188	56029.96107	56029.96094	505243.9	5408641.1
T8640.0	505242.4	5408641.1	7248.20020	317.33	102.26	48.830726	-86.928568	56048.00	56250.2	-0.23	56047.77	56047.76953	56030.80995	56030.80859	505242.4	5408641.1
T8640.0	505240.9	5408641.1	7248.29981	317.99	106.41	48.830726	-86.928588	56048.36	56250.2	-0.23	56048.13	56048.12891	56031.93781	56031.93750	505240.9	5408641.1
T8640.0	505240.9	5408641.1	7248.39990	315.23	102.03	48.830726	-86.928588	56048.71	56250.2	-0.23	56048.48	56048.48047	56032.84480	56032.84375	505240.9	5408641.1
T8640.0	505237.7	5408641.1	7248.50000	316.11	102.03	48.830726	-86.928632	56049.02	56250.2	-0.23	56048.79	56048.78906	56032.79171	56032.79297	505237.7	5408641.1
T8640.0	505236.5	5408641.1	7248.70020	314.74	102.03	48.830726	-86.928649	56049.29	56250.2	-0.22	56049.07	56049.07031	56032.03451	56032.03516	505236.5	5408641.1
T8640.0	505236.5	5408641.1	7248.79981	316.57	106.69	48.830726	-86.928649	56049.67	56250.2	-0.22	56049.45	56049.44922	56033.76346	56033.76172	505236.5	5408641.1
T8640.0	505234.8	5408641.1	7248.89990	314.60	104.96	48.830726	-86.928672	56050.03	56250.2	-0.22	56049.81	56049.80859	56035.02104	56035.01953	505234.8	5408641.1
T8640.0	505233.3	5408641.1	7249.00000	315.10	104.96	48.830726	-86.928692	56050.32	56250.2	-0.22	56050.10	56050.10156	56034.59867	56034.59766	505233.3	5408641.1
T8640.0	505231.8	5408641.1	7249.00000	315.85	104.52	48.830726	-86.928712	56050.68	56250.2	-0.22	56050.46	56050.46094	56035.90119	56035.90234	505231.8	5408641.1
T8640.0	505231.8	5408641.1	7249.10010	315.24	106.88	48.830726	-86.928712	56051.04	56250.2	-0.22	56050.82	56050.82031	56037.22162	56037.22266	505231.8	5408641.1
T8640.0	505230.4	5408641.1	7249.20020	317.21	106.88	48.830726	-86.928732	56051.34	56250.2	-0.22	56051.12	56051.12109	56037.12205	56037.12109	505230.4	5408641.1
T8640.0	505228.9	5408641.1	7249.39990	317.71	105.97	48.830726	-86.928751	56051.64	56250.2	-0.21	56051.43	56051.42969	56037.29116	56037.29297	505228.9	5408641.1
T8640.0	505227.4	5408641.1	7249.39990	317.53	106.49	48.830726	-86.928772	56051.92	56250.2	-0.21	56051.71	56051.71094	56036.77435	56036.77344	505227.4	5408641.1
T8640.0	505225.7	5408641.1	7249.60010	317.03	106.49	48.830726	-86.928795	56052.28	56250.2	-0.21	56052.07	56052.07031	56038.18213	56038.18359	505225.7	5408641.1
T8640.0	505225.7	5408641.1	7249.60010	314.81	106.44	48.830726	-86.928795	56052.56	56250.2	-0.21	56052.35	56052.35156	56037.72048	56037.71875	505225.7	5408641.1
T8640.0	505223.8	5408641.1	7249.79981	314.35	106.44	48.830726	-86.928822	56052.93	56250.2	-0.20	56052.73	56052.73047	56039.63417	56039.63281	505223.8	5408641.1
T8640.0	505222.4	5408641.1	7249.79981	314.57	107.25	48.830726	-86.928841	56053.26	56250.2	-0.20	56053.06	56053.05859	56040.38854	56040.38672	505222.4	5408641.1
T8640.0	505222.4	5408641.1	7249.89990	315.64	105.91	48.830726	-86.928841	56053.56	56250.2	-0.20	56053.36	56053.35938	56040.46184	56040.46094	505222.4	5408641.1
T8640.0	505220.7	5408641.1	7250.00000	315.42	105.91	48.830726	-86.928864	56053.89	56250.2	-0.20	56053.70	56053.69922	56041.48599	56041.48438	505220.7	5408641.1
T8640.0	505219.2	5408641.1	7250.10010	316.53	107.58	48.830726	-86.928884	56054.15	56250.2	-0.20	56053.95	56053.94922	56040.43762	56040.43750	505219.2	5408641.1
T8640.0	505217.5	5408641.1	7250.20020	316.04	107.58	48.830726	-86.928907	56054.53	56250.2	-0.20	56054.33	56054.32813	56042.42259	56042.42188	505217.5	5408641.1
T8640.0	505217.5	5408641.1	7250.39990	314.93	104.08	48.830726	-86.928907	56054.78	56250.2	-0.20	56054.57	56054.57031	56041.17615	56041.17578	505217.5	5408641.1
T8640.0	505216.3	5408641.1	7250.50000	313.14	104.29	48.830726	-86.928923	56055.14	56250.2	-0.21	56054.93	56054.92969	56042.72681	56042.72656	505216.3	5408641.1
T8640.0	505214.6	5408641.2	7250.60010	313.72	104.29	48.830726	-86.928946	56055.43	56250.2	-0.21	56055.23	56055.23047	56042.89963	56042.89844	505214.6	5408641.2
T8640.0	505213.7	5408641.2	7250.70020	311.69	108.48	48.830726	-86.928959	56055.72	56250.2	-0.21	56055.51	56055.51172	56042.61637	56042.61719	505213.7	5408641.2
T8640.0	505211.8	5408641.2	7250.70020	312.17	108.48	48.830727	-86.928985	56056.02	56250.2	-0.21	56055.81	56055.80859	56042.81208	56042.81250	505211.8	5408641.2
T8640.0	505210.3	5408641.2	7250.89990	313.91	106.14	48.830727	-86.929005	56056.29	56250.2	-0.21	56056.08	56056.07813	56042.31462	56042.31641	505210.3	5408641.2
T8640.0	505210.3	5408641.2	7251.00000	315.17	107.05	48.830727	-86.929005	56056.66	56250.2	-0.21	56056.45	56056.44922	56044.21349	56044.21484	505210.3	5408641.2
T8640.0	505209.1	5408641.2	7251.00000	317.11	107.05	48.830727	-86.929021	56056.93	56250.2	-0.21	56056.72	56056.71875	56043.76080	56043.76172	505209.1	5408641.2
T8640.0	505208.0	5408641.2	7251.10010	315.35	110.82	48.830727	-86.929037	56057.26	56250.2	-0.21	56057.05	56057.05078	56044.78402	56044.78516	505208.0	5408641.2
T8640.0	505206.6	5408641.2	7251.20020	315.15	110.82	48.830727	-86.929056	56057.46	56250.2	-0.20	56057.25	56057.25000	56042.67223	56042.67188	505206.6	5408641.2
T8640.0	505205.4	5408641.2	7251.39990	313.79	110.92	48.830727	-86.929072	56057.81	56250.2	-0.20	56057.62	56057.62109	56044.75999	56044.76172	505205.4	5408641.2
T8640.0	505204.0	5408641.2	7251.39990	314.62	111.22	48.830727	-86.929091	56058.07	56250.2	-0.20	56057.87	56057.87109	56043.93060	56043.92969	505204.0	5408641.2
T8640.0	505203.1	5408641.2	7251.50000	314.35	111.02	48.830727	-86.929103	56058.42	56250.2	-0.19	56058.22	56058.21875	56045.64657	56045.64844	505203.1	5408641.2
T8640.0	505201.4	5408641.2	7251.60010	315.97	111.02	48.830727	-86.929126	56058.70	56250.2	-0.19	56058.51	56058.51172	56045.91433	56045.91406	505201.4	5408641.2
T8640.0	505201.4	5408641.2	7251.70020	317.04	110.85	48.830727	-86.929126	56059.00	56250.2	-0.19	56058.81	56058.80859	56046.49111	56046.49219	505201.4	5408641.2
T8640.0	505199.9	5408641.2	7251.79981	318.97	110.85	48.830727	-86.929148	56059.23	56250.2	-0.19	56059.05	56059.05078	56045.58083	56045.58203	505199.9	5408641.2

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
T8640.0	505198.3	5408641.3	7251.89990	320.14	110.93	48.830727	-86.929169	56059.56	56250.2	-0.18	56059.38	56059.37891	56047.05043	56047.05078	505198.3	5408641.3
T8640.0	505196.9	5408641.3	7252.00000	320.11	110.93	48.830728	-86.929188	56059.84	56250.2	-0.18	56059.66	56059.66016	56047.29091	56047.28906	505196.9	5408641.3
T8640.0	505196.9	5408641.3	7252.10010	320.02	111.03	48.830728	-86.929188	56060.12	56250.2	-0.18	56059.94	56059.94141	56047.59630	56047.59766	505196.9	5408641.3
T8640.0	505195.5	5408641.3	7252.20020	320.31	111.08	48.830728	-86.929207	56060.39	56250.2	-0.18	56060.21	56060.21094	56047.70735	56047.70703	505195.5	5408641.3
T8640.0	505193.9	5408641.3	7252.29981	320.09	111.08	48.830728	-86.929229	56060.64	56250.2	-0.18	56060.46	56060.46094	56047.36216	56047.36328	505193.9	5408641.3
T8640.0	505192.7	5408641.3	7252.39990	317.80	111.12	48.830728	-86.929246	56060.90	56250.2	-0.18	56060.72	56060.71875	56047.35383	56047.35547	505192.7	5408641.3
T8640.0	505191.3	5408641.4	7252.50000	317.07	111.12	48.830728	-86.929264	56061.21	56250.2	-0.18	56061.03	56061.03125	56048.73765	56048.73828	505191.3	5408641.4
T8640.0	505189.7	5408641.4	7252.60010	316.71	110.7	48.830729	-86.929286	56061.48	56250.2	-0.18	56061.30	56061.30078	56049.14049	56049.14063	505189.7	5408641.4
T8640.0	505189.7	5408641.4	7252.70020	316.41	110.7	48.830729	-86.929286	56061.74	56250.2	-0.18	56061.56	56061.55859	56049.35265	56049.35156	505189.7	5408641.4
T8640.0	505188.2	5408641.4	7252.79981	316.96	110.22	48.830729	-86.929306	56062.04	56250.2	-0.18	56061.86	56061.85938	56050.67320	56050.67188	505188.2	5408641.4
T8640.0	505186.9	5408641.4	7252.89990	316.88	110.22	48.830729	-86.929324	56062.29	56250.2	-0.18	56062.11	56062.10938	56050.75692	56050.75781	505186.9	5408641.4
T8640.0	505186.9	5408641.4	7253.00000	317.14	109.75	48.830729	-86.929324	56062.52	56250.2	-0.18	56062.34	56062.33984	56050.39422	56050.39453	505186.9	5408641.4
T8640.0	505185.5	5408641.5	7253.10010	316.30	110.38	48.830729	-86.929343	56062.82	56250.2	-0.18	56062.64	56062.64063	56051.87827	56051.87891	505185.5	5408641.5
T8640.0	505184.2	5408641.5	7253.20020	317.05	110.38	48.830730	-86.929360	56063.08	56250.2	-0.18	56062.90	56062.89844	56052.39033	56052.39063	505184.2	5408641.5
T8640.0	505184.2	5408641.5	7253.29981	316.05	110.38	48.830730	-86.929360	56063.33	56250.2	-0.18	56063.15	56063.14844	56052.69943	56052.69922	505184.2	5408641.5
T8640.0	505182.6	5408641.5	7253.50000	316.38	109.66	48.830730	-86.929383	56063.56	56250.2	-0.18	56063.38	56063.37891	56052.55850	56052.55859	505182.6	5408641.5
T8640.0	505181.1	5408641.5	7253.50000	316.26	108.73	48.830730	-86.929403	56063.81	56250.2	-0.18	56063.63	56063.62891	56052.95771	56052.95703	505181.1	5408641.5
T8640.0	505179.8	5408641.6	7253.60010	317.61	108.73	48.830730	-86.929420	56064.06	56250.2	-0.17	56063.89	56063.89063	56053.63681	56053.63672	505179.8	5408641.6
T8640.0	505179.8	5408641.6	7253.70020	316.06	107.82	48.830730	-86.929420	56064.34	56250.2	-0.17	56064.17	56064.17188	56054.83516	56054.83594	505179.8	5408641.6
T8640.0	505178.6	5408641.6	7253.79981	313.64	104.72	48.830730	-86.929438	56064.56	56250.2	-0.17	56064.39	56064.39063	56054.60115	56054.60156	505178.6	5408641.6
T8640.0	505177.3	5408641.6	7253.89990	311.90	104.72	48.830731	-86.929455	56064.79	56250.2	-0.17	56064.62	56064.62109	56054.64683	56054.64844	505177.3	5408641.6
T8640.0	505176.3	5408641.6	7254.00000	313.43	103.95	48.830731	-86.929468	56065.02	56250.2	-0.17	56064.85	56064.85156	56054.72828	56054.72656	505176.3	5408641.6
T8640.0	505176.3	5408641.6	7254.10010	314.90	103.95	48.830731	-86.929468	56065.31	56250.2	-0.17	56065.14	56065.14063	56056.31238	56056.31250	505176.3	5408641.6
T8640.0	505174.9	5408641.6	7254.20020	314.81	106.12	48.830731	-86.929487	56065.48	56250.2	-0.17	56065.31	56065.30859	56055.00215	56055.00391	505174.9	5408641.6
T8640.0	505173.7	5408641.7	7254.29981	315.03	106.12	48.830731	-86.929504	56065.81	56250.2	-0.17	56065.64	56065.64063	56057.65774	56057.65625	505173.7	5408641.7
T8640.0	505172.7	5408641.7	7254.39990	315.47	103.45	48.830731	-86.929517	56065.96	56250.2	-0.17	56065.79	56065.78906	56055.92462	56055.92578	505172.7	5408641.7
T8640.0	505172.7	5408641.7	7254.50000	315.45	103.45	48.830731	-86.929517	56066.23	56250.2	-0.17	56066.07	56066.07031	56057.44642	56057.44531	505172.7	5408641.7
T8640.0	505171.2	5408641.7	7254.60010	317.24	105.9	48.830732	-86.929538	56066.44	56250.2	-0.16	56066.27	56066.26953	56057.02295	56057.02344	505171.2	5408641.7
T8640.0	505170.1	5408641.7	7254.70020	317.18	105.9	48.830732	-86.929553	56066.62	56250.2	-0.16	56066.46	56066.46094	56056.38135	56056.38281	505170.1	5408641.7
T8640.0	505169.0	5408641.7	7254.79981	319.00	105.31	48.830732	-86.929569	56066.89	56250.2	-0.16	56066.73	56066.73047	56057.80697	56057.80859	505169.0	5408641.7
T8640.0	505167.7	5408641.8	7255.00000	319.68	105.31	48.830732	-86.929586	56067.05	56250.2	-0.16	56066.89	56066.89063	56056.47625	56056.47656	505167.7	5408641.8
T8640.0	505166.2	5408641.8	7255.00000	319.81	105.7	48.830732	-86.929606	56067.30	56250.2	-0.16	56067.14	56067.14063	56057.49643	56057.49609	505166.2	5408641.8
T8640.0	505166.2	5408641.8	7255.10010	318.46	105.7	48.830732	-86.929606	56067.53	56250.2	-0.16	56067.37	56067.37109	56058.05880	56058.05859	505166.2	5408641.8
T8640.0	505165.3	5408641.8	7255.20020	317.59	104.62	48.830733	-86.929618	56067.73	56250.2	-0.16	56067.56	56067.55859	56057.62710	56057.62891	505165.3	5408641.8
T8640.0	505164.2	5408641.8	7255.29981	318.30	104.11	48.830733	-86.929633	56067.93	56250.2	-0.17	56067.76	56067.76172	56057.02156	56057.02344	505164.2	5408641.8
T8640.0	505163.4	5408641.8	7255.39990	316.74	104.11	48.830733	-86.929645	56068.14	56250.2	-0.17	56067.97	56067.96875	56057.16287	56057.16406	505163.4	5408641.8
T8640.0	505163.4	5408641.8	7255.50000	316.33	104.31	48.830733	-86.929645	56068.36	56250.2	-0.17	56068.19	56068.19141	56057.53069	56057.53125	505163.4	5408641.8
T8640.0	505161.3	5408641.9	7255.60010	316.75	104.31	48.830733	-86.929673	56068.54	56250.2	-0.17	56068.37	56068.37109	56057.22333	56057.22266	505161.3	5408641.9
T8640.0	505161.3	5408641.9	7255.70020	319.37	103.79	48.830733	-86.929673	56068.74	56250.2	-0.17	56068.57	56068.57031	56057.32252	56057.32422	505161.3	5408641.9
T8640.0	505160.3	5408641.9	7255.79981	322.46	104.73	48.830733	-86.929687	56069.02	56250.2	-0.18	56068.84	56068.83984	56058.74910	56058.75000	505160.3	5408641.9
T8640.0	505159.3	5408641.9	7255.89990	321.28	104.73	48.830733	-86.929700	56069.15	56250.2	-0.18	56068.97	56068.96875	56057.65933	56057.66016	505159.3	5408641.9
T8640.0	505159.3	5408641.9	7256.00000	321.22	103.63	48.830733	-86.929700	56069.35	56250.2	-0.18	56069.17	56069.17188	56057.89597	56057.89453	505159.3	5408641.9
T8640.0	505158.0	5408641.9	7256.10010	319.13	104.55	48.830733	-86.929717	56069.53	56250.2	-0.18	56069.35	56069.35156	56057.80691	56057.80859	505158.0	5408641.9
T8640.0	505157.3	5408641.9	7256.20020	318.49	104.55	48.830733	-86.929728	56069.77	56250.2	-0.18	56069.60	56069.60156	56059.05770	56059.05859	505157.3	5408641.9
T8640.0	505157.3	5408641.9	7256.39990	317.71	105.43	48.830733	-86.929728	56069.88	56250.2	-0.18	56069.71	56069.71094	56057.75040	56057.75000	505157.3	5408641.9
T8640.0	505155.9	5408641.9	7256.39990	318.98	104.36	48.830733	-86.929747	56070.16	56250.2	-0.18	56069.98	56069.98047	56059.46208	56059.46094	505155.9	5408641.9
T8640.0	505155.0	5408641.9	7256.50000	319.25	103.53	48.830733	-86.929759	56070.29	56250.2	-0.18	56070.11	56070.10938	56058.59920	56058.59766	505155.0	5408641.9
T8640.0	505154.1	5408641.9	7256.70020	319.18	103.53	48.830733	-86.929771	56070.51	56250.2	-0.17	56070.34	56070.33984	56059.64825	56059.64844	505154.1	5408641.9
T8640.0	505154.1	5408641.9	7256.70020	316.92	105.4	48.830733	-86.929771	56070.71	56250.2	-0.17	56070.54	56070.53906	56060.17461	56060.17578	505154.1	5408641.9
T8640.0	505153.2	5408641.9	7256.79981	317.73	100.77	48.830734	-86.929783	56070.84	56250.2	-0.17	56070.67	56070.67188	56059.41149	56059.41016	505153.2	5408641.9
T8640.0	505152.2	5408641.9	7256.89990	318.81	100.77	48.830734	-86.929796	56071.02	56250.2	-0.17	56070.85	56070.85156	56059.63109	56059.63281	505152.2	5408641.9
T8640.0	505151.4	5408641.9	7257.00000	318.04	105.7	48.830734	-86.929808	56071.17	56250.2	-0.17	56071.00	56071.00000	56059.31479	56059.31641	505151.4	5408641.9
T8640.0	505151.4	5408641.9	7257.10010	318.76	105.57	48.830734	-86.929808	56071.38	56250.2	-0.17	56071.21	56071.21094	56060.19424	56060.19531	505151.4	5408641.9
T8640.0	505150.4	5408641.9	7257.20020	319.14	105.57	48.830734	-86.929821	56071.50	56250.2	-0.16	56071.33	56071.32813	56059.37638	56059.37500	505150.4	5408641.9
T8640.0	505149.3	5408641.9	7257.29981	320.09	105.26	48.830734	-86.929836	56071.70	56250.2	-0.16	56071.53	56071.53125	56060.15634	56060.15625	505149.3	5408641.9
T8640.0	505148.8	5408641.9	7257.39990	317.52	105.62	48.830734	-86.929843	56071.88	56250.2	-0.16	56071.72	56071.71875	56060.79320	56060.79297	505148.8	5408641.9
T8640.0	505148.0	5408641.9	7257.50000	319.61	105.62	48.830734	-86.929854	56072.06	56250.2	-0.15	56071.90	56071.89844	56061.28506	56061.28516	505148.0	5408641.9
T8640.0	505148.0	5408641.9	7257.60010	321.85	97.14	48.830734	-86.929854	56072.18	56250.2	-0.15	56072.03	56072.03125	56060.83507	56060.83594	505148.0	5408641.9
T8640.0	505147.3	5408641.9	7257.70020	322.60	97.18	48.830734	-86.929864	56072.36	56250.1	-0.15	56072.21	56072.21094	56061.42714	56061.42578	505147.3	5408641.9
T8640.0	505146.4	5408641.9	7257.79981	323.25	97.5	48.830734	-86.929876	56072.54	56250.1	-0.15	56072.39	56072.39063	56062.07381	56062.07422	505146.4	5408641.9
T8640.0	505145.7	5408641.9	7257.89990	321.25	97.5	48.830734	-86.929886	56072.72	56250.1	-0.14	56072.58	56072.57813	56062.97672	56062.97656	505145.7	5408641.9
T8640.0	505145.0	5408641.9	7258.00000	321.98	97.86	48.830734	-86.929895	56072.81	56250.1	-0.14	56072.67	56072.67188	56061.91678	56061.91797	505145.0	5408641.9
T8640.0	505144.4	5408641.9	7258.10010	321.29	108.66	48.830734	-86.929903	56073.02	56250.1	-0.14	56072.88	56072.87891	56063.32990	56063.32813	505144.4	5408641.9
T8640.0	505143.9	5408641.9	7258.29981	319.83	108.66	48.830734	-86.929910	56073.14	56250.1	-0.15	56072.99	56072.98828	56062.77207	56062.77344	505143.9	5408641.9
T8640.0	505143.3	5408641.9	7258.29981	320.65	109.42	48.830733	-86.929918	56073.29	56250.1	-0.15	56073.14	56073.14063	56063.07469	56063.07422	505143.3	5408641.9
T8640.0	505142.8	5408641.8	7258.39990	319.27	98.85	48.830733	-86.929925	56073.50	56250.2	-0.15	56073.35	56073.35156	56064.64565	56064.64453	505142.8	5408641.8
T8640.0	505142.8	5408641.8	7258.50000	322.38	98.85	48.830733	-86.929925	56073.65	56250.2	-0.15	56073.49	56073.48828	56064.84369	56064.84375	505142.8	5408641.8
T8640.0	505141.8	5408641.8	7258.60010	322.48	98.85	48.830733	-86.929938	56073.77	56250.2	-0.16	56073.62	56073.62109	56064.88537	56064.88672	505141.8	5408641.8
T8640.0	505141.8	5408641.8	7258.70020	321.69	106.73	48.830733	-86.929938	56074.00	56250.2	-0.16	56073.84	56073.83984	56066.79990	56066.80078	505141.8	5408641.8
T8640.0	505141.1	5408641.8	7258.79981	321.01	108.6	48.830733	-86.929949	56074.13	56250.2	-0.16	56073.97	56073.96875	56066.93070	56066.92969	505141.1	5408641.8
T8640.0	505140.4	5408641.7	7258.89990	321.00	108.6	48.830732	-86.929958	56074.23	56250.2	-0.17	56074.06	56074.05859	56066.29347	56066.29297	505140.4	5408641.7
T8640.0	505139.9	5408641.7	7259.00000	318.57	106.53	48.830732	-86.929965	56074.41	56250.2	-0.17	56074.24	56074.23828	56067.52310	56067.52344	505139.9	5408641.7
T8640.0	505139.3	5408641.7	7259.10010	318.62	101.45	48.830732	-86.929973	56074.51	56250.2	-0.17	56074.34	56074.33984	56067.17118	56067.17188	505139.3	5408641.7
T8640.0	505139.3	5408641.7	7259.20020	319.93	104.53	48.830732	-86.929973	56074.66	56250.2	-0.17	56074.49	56074.48828	56067.87269	56067.87109	505139.3	5408641.7
T8640.0	505138.6	5408641.7	7259.29981	318.92	104.86	48.830732	-86.929983	56074.71	56250.2	-0.17	56074.54	56074.53906	56066.58949	56066.58984	505138.6	5408641.7
T8640.0	505138.1	5408641.7	7259.39990	319.51	104.28	48.830732	-86.929989	56074.86	56250.2	-0.17	56074.69	56074.69141	56067.37283	56067.37109	505138.1	5408641.7
T8640.0	505137.6	5408641.7	7259.50000	319.18	104.12	48.830732	-86.929996	56074.99	56250.2	-0.17	56074.82	56074.82031	56067.79275	56067.79297	505137.6	5408641.7
T8640.0	505137.0	5408641.7	7259.60010	319.14	104.12	48.830732	-86.930005	56075.11	56250.2	-0.17	56074.94	56074.94141	56068.05236	56068.05078	505137.0	5408641.7
T8640.0	505137.0	5408641.7	7259.70020	321.04	106.56	48.830732	-86.930005	56075.17	56250.2	-0.17	56075.00	56075.00000	56067.14221	56067.14063	505137.0	5408641.7
T8640.0	505136.4	5408641.7	7259.89990	322.65	106.56	48.830732	-86.930012	56075.40	56250.2	-0.17	56075.23	56075.23047	56069.70770	56069.70703	505136.4	5408641.7
T8640.0	505136.0	5408641.7	7259.89990	321.68	106.23	48.830732	-86.930018	56075.46	56250.2	-0.17	56075.29	56075.28906	56068.88589	56068.88672	505136.0	5408641.7
T8640.0	505135.6	5408641.7	7260.00000	320.60	101.17	48.830732	-86.930024	56075.55	56250.2	-0.17	56075.38	56075.37891	56068.71664	56068.71484	505135.6	5408641.7
T8640.0	505135.2	5408641.7	7260.10010	320.63	101.68	48.830732	-86.930028	56075.64	56250.2	-0.17	56075.48	56075.48047	56068.79389	56068.79297	505135.2	5408641.7
T8640.0	505134.7	5408641.7	7260.20020	319.89	101.68	48.830732	-86.930036	56075.75	56250.2	-0.17	56075.58	56075.57813	56068.91699	56068.91797	505134.7	5408641.7
T8640.0	505134.2	5408641.6	7260.29981	321.79	102.04	48.830731	-86.930042	56075.88	56250.2	-0.16	56075.71	56075.71094	56069.67526	56069.67578	505134.2	5408641.6
T8640.0	505134.2	5408641.6	7260.39990	320.91	112.99	48.830731	-86.930042	56075.95	56250.2	-0.16	56075.79	56075.78906	56069.49019	56069.48828	505134.2	5408641.6
T8640.0	505133.8	5408641.6	7260.60010	322.17	112.99	48.830731	-86.930048	56076.07	56250.2	-0.16	56075.92	56075.92188	56070.31794	56070.31641	505133.8	5408641.6
T8640.0	505133.4	5408641.6	7260.60010	321.50	112.78	48.830731	-86.930053	56076.20	56250.2	-0.16	56076.04	56076.03906	56070.97856	56070.98047	505133.4	5408641.6
T8640.0	505132.9	5408641.6	7260.70020	319.82	110.75	48.830731	-86.930059	56076.26	56250.2	-0.16	56076.10	56076.10156	56070.52890	56070.52734	505132.9	5408641.6
T8640.0	505132.9	5408641.6	7260.79981	320.41	108.07	48.830731	-86.930059	56076.36	56250.2	-0.15	56076.20	56076.19922	56070.87597	56070.87500	505132.9	5408641.6
T8640.0	505132.6	5408641.6	7260.89990	319.59	108.07	48.830731	-86.930065	56076.45	56250.2	-0.15	56076.30	56076.30078	56071.25272	56071.25391	505132.6	5408641.6
T8640.0	505132.3	5408641.5	7261.00000	318.51	107.52	48.830731	-86.930068	56076.56	56250.2	-0.15	56076.41	56076.41016	56071.83713	56071.83594	505132.3	5408641.5
T8640.0	505131.9	5408641.5	7261.10010	319.25	106.85	48.830730	-86.930073	56076.66	56250.2	-0.15	56076.51	56076.51172	56072.25869	56072.25781	505131.9	5408641.5

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
T8640.0	505131.6	5408641.5	7261.20020	316.73	106.85	48.830730	-86.930077	56076.78	56250.2	-0.15	56076.63	56076.62891	56073.05336	56073.05469	505131.6	5408641.5
T8640.0	505131.3	5408641.4	7261.29981	315.45	109.38	48.830730	-86.930082	56076.89	56250.2	-0.15	56076.73	56076.73047	56072.71801	56072.71875	505131.3	5408641.4
T8640.0	505131.0	5408641.4	7261.50000	315.27	110.91	48.830729	-86.930086	56076.98	56250.2	-0.15	56076.83	56076.82813	56073.55393	56073.55469	505131.0	5408641.4
T8640.0	505131.0	5408641.4	7261.60010	308.13	112.52	48.830729	-86.930086	56077.04	56250.2	-0.16	56076.88	56076.87891	56073.14940	56073.14844	505131.0	5408641.4
T8640.0	505130.7	5408641.4	7261.70020	308.90	112.52	48.830729	-86.930090	56077.12	56250.2	-0.16	56076.96	56076.96094	56073.55571	56073.55469	505130.7	5408641.4
T8640.0	505130.5	5408641.3	7261.79981	310.66	113.84	48.830728	-86.930093	56077.19	56250.2	-0.16	56077.03	56077.03125	56073.74844	56073.75000	505130.5	5408641.3
T8640.0	505130.3	5408641.3	7261.79981	314.28	114.99	48.830728	-86.930095	56077.24	56250.2	-0.16	56077.08	56077.07813	56073.48164	56073.48047	505130.3	5408641.3
T8640.0	505130.0	5408641.2	7261.89990	314.87	114.99	48.830728	-86.930099	56077.34	56250.2	-0.16	56077.18	56077.17969	56074.49010	56074.48828	505130.0	5408641.2
T8640.0	505129.9	5408641.2	7262.00000	319.83	113.36	48.830727	-86.930101	56077.37	56250.2	-0.16	56077.21	56077.21094	56073.79655	56073.79688	505129.9	5408641.2
T8640.0	505129.9	5408641.2	7262.10010	309.89	110.02	48.830727	-86.930101	56077.46	56250.2	-0.16	56077.30	56077.30078	56074.62046	56074.62109	505129.9	5408641.2
T8640.0	505129.7	5408641.2	7262.20020	310.03	110.02	48.830727	-86.930104	56077.46	56250.2	-0.16	56077.30	56077.30078	56073.22865	56073.23047	505129.7	5408641.2
T8640.0	505129.5	5408641.1	7262.29981	322.94	108.35	48.830727	-86.930107	56077.49	56250.2	-0.16	56077.33	56077.32813	56072.59425	56072.59375	505129.5	5408641.1
T8640.0	505129.5	5408641.1	7262.39990	322.77	108.35	48.830727	-86.930107	56077.46	56250.2	-0.16	56077.30	56077.30078	56070.42476	56070.42578	505129.5	5408641.1
T8640.0	505129.3	5408641.1	7262.50000	321.97	107.9	48.830726	-86.930109	56077.44	56250.2	-0.17	56077.28	56077.28125	56068.46523	56068.46484	505129.3	5408641.1
T8640.0	505129.2	5408641.1	7262.60010	320.85	107.9	48.830726	-86.930110	56077.37	56250.2	-0.17	56077.20	56077.19922	56066.15976	56066.16016	505129.2	5408641.1
T8640.0	505129.2	5408641.1	7262.70020	319.88	111.33	48.830726	-86.930110	56077.44	56250.2	-0.17	56077.27	56077.26953	56066.11950	56066.12109	505129.2	5408641.1
T8640.0	505129.1	5408641.0	7262.79981	317.12	111.33	48.830726	-86.930111	56077.42	56250.2	-0.17	56077.25	56077.25000	56064.41340	56064.41406	505129.1	5408641.0
T8640.0	505129.0	5408641.0	7262.89990	316.33	110.37	48.830726	-86.930112	56077.46	56250.2	-0.17	56077.30	56077.30078	56063.97711	56063.97656	505129.0	5408641.0
T8640.0	505129.0	5408641.0	7263.00000	320.48	110.37	48.830726	-86.930112	56077.54	56250.2	-0.17	56077.37	56077.37109	56063.93287	56063.93359	505129.0	5408641.0
T8640.0	505129.0	5408641.0	7263.10010	319.19	105.78	48.830726	-86.930113	56077.60	56250.2	-0.17	56077.43	56077.42969	56063.71443	56063.71484	505129.0	5408641.0
T8640.0	505128.9	5408641.0	7263.20020	319.25	104.39	48.830726	-86.930115	56077.57	56250.2	-0.17	56077.40	56077.39844	56061.69945	56061.69922	505128.9	5408641.0
T8640.0	505128.8	5408641.0	7263.29981	320.70	104.39	48.830726	-86.930116	56077.66	56250.2	-0.18	56077.49	56077.48828	56062.11512	56062.11328	505128.8	5408641.0
T8640.0	505128.7	5408641.0	7263.39990	321.84	108.78	48.830725	-86.930118	56077.65	56250.2	-0.18	56077.47	56077.46875	56060.27684	56060.27734	505128.7	5408641.0
T8640.0	505128.7	5408641.0	7263.50000	323.46	108.78	48.830725	-86.930118	56077.62	56250.2	-0.18	56077.44	56077.44141	56058.20189	56058.20313	505128.7	5408641.0
T8640.0	505128.5	5408640.9	7263.60010	323.78	110.16	48.830725	-86.930120	56077.65	56250.2	-0.18	56077.47	56077.46875	56057.40537	56057.40625	505128.5	5408640.9
T8640.0	505128.3	5408640.9	7263.70020	324.45	109.51	48.830725	-86.930122	56077.72	56250.2	-0.18	56077.54	56077.53906	56057.51298	56057.51172	505128.3	5408640.9
T8640.0	505128.3	5408640.9	7263.79981	325.51	109.51	48.830725	-86.930122	56077.79	56250.2	-0.19	56077.61	56077.60938	56057.67560	56057.67578	505128.3	5408640.9
T8640.0	505128.1	5408640.9	7263.89990	325.11	109.51	48.830725	-86.930126	56077.85	56250.2	-0.19	56077.66	56077.66016	56057.44742	56057.44922	505128.1	5408640.9
T8640.0	505127.9	5408640.9	7264.00000	325.72	112.31	48.830725	-86.930128	56077.92	56250.2	-0.19	56077.73	56077.73047	56057.72318	56057.72266	505127.9	5408640.9
T8640.0	505127.9	5408640.9	7264.10010	326.73	105.06	48.830725	-86.930128	56077.98	56250.2	-0.19	56077.79	56077.78906	56057.82580	56057.82422	505127.9	5408640.9
T8640.0	505127.6	5408640.8	7264.20020	325.34	105.06	48.830724	-86.930132	56078.02	56250.2	-0.18	56077.84	56077.83984	56057.74959	56057.75000	505127.6	5408640.8
T8640.0	505127.4	5408640.8	7264.29981	325.05	106.24	48.830724	-86.930135	56078.08	56250.2	-0.18	56077.90	56077.89844	56057.95468	56057.95313	505127.4	5408640.8
T8640.0	505127.2	5408640.8	7264.39990	324.83	106.24	48.830724	-86.930138	56078.08	56250.2	-0.17	56077.90	56077.89844	56056.82457	56056.82422	505127.2	5408640.8
T8640.0	505127.2	5408640.8	7264.50000	324.18	104.51	48.830724	-86.930138	56078.15	56250.2	-0.17	56077.98	56077.98047	56057.58781	56057.58594	505127.2	5408640.8
T8640.0	505126.9	5408640.7	7264.60010	324.06	104.51	48.830723	-86.930142	56078.20	56250.2	-0.17	56078.04	56078.03906	56057.93203	56057.93359	505126.9	5408640.7
T8640.0	505126.7	5408640.7	7264.70020	325.27	105.47	48.830723	-86.930145	56078.25	56250.2	-0.16	56078.09	56078.08984	56058.08405	56058.08594	505126.7	5408640.7
T8640.0	505126.4	5408640.7	7264.79981	324.22	105.15	48.830723	-86.930149	56078.25	56250.2	-0.16	56078.09	56078.08984	56057.12657	56057.12500	505126.4	5408640.7
T8640.0	505126.4	5408640.7	7264.89990	323.87	105.15	48.830723	-86.930149	56078.33	56250.2	-0.15	56078.18	56078.17969	56058.25238	56058.25391	505126.4	5408640.7
T8640.0	505126.1	5408640.7	7265.00000	324.90	107.79	48.830723	-86.930152	56078.38	56250.2	-0.15	56078.22	56078.21875	56058.25996	56058.26172	505126.1	5408640.7
T8640.0	505125.9	5408640.6	7265.10010	324.07	110.64	48.830723	-86.930155	56078.43	56250.2	-0.15	56078.28	56078.28125	56058.73347	56058.73438	505125.9	5408640.6
T8640.0	505125.6	5408640.6	7265.20020	324.96	110.64	48.830722	-86.930159	56078.48	56250.2	-0.15	56078.33	56078.32813	56058.98921	56058.98828	505125.6	5408640.6
T8640.0	505125.3	5408640.6	7265.29981	321.75	109.92	48.830722	-86.930164	56078.50	56250.2	-0.15	56078.35	56078.35156	56058.58596	56058.58594	505125.3	5408640.6
T8640.0	505125.3	5408640.6	7265.39990	322.18	109.01	48.830722	-86.930164	56078.56	56250.2	-0.15	56078.40	56078.39844	56058.84648	56058.84766	505125.3	5408640.6
T8640.0	505124.9	5408640.6	7265.50000	322.43	109.01	48.830722	-86.930169	56078.66	56250.2	-0.15	56078.50	56078.50000	56060.18530	56060.18359	505124.9	5408640.6
T8640.0	505124.6	5408640.6	7265.60010	322.25	108.4	48.830722	-86.930173	56078.61	56250.2	-0.16	56078.46	56078.46094	56058.48344	56058.48438	505124.6	5408640.6
T8640.0	505124.4	5408640.6	7265.70020	321.07	108.4	48.830722	-86.930176	56078.70	56250.2	-0.16	56078.55	56078.55078	56059.58009	56059.58203	505124.4	5408640.6
T8640.0	505124.0	5408640.6	7265.79981	320.66	108.72	48.830722	-86.930181	56078.81	56250.2	-0.16	56078.65	56078.64844	56060.86716	56060.86719	505124.0	5408640.6
T8640.0	505124.0	5408640.6	7265.89990	320.76	108.32	48.830722	-86.930181	56078.86	56250.2	-0.16	56078.70	56078.69922	56061.07161	56061.07031	505124.0	5408640.6
T8640.0	505123.6	5408640.6	7266.00000	320.12	107.96	48.830722	-86.930187	56078.96	56250.2	-0.16	56078.80	56078.80078	56062.31618	56062.31641	505123.6	5408640.6
T8640.0	505123.2	5408640.6	7266.10010	320.72	107.96	48.830722	-86.930192	56078.99	56250.2	-0.16	56078.83	56078.82813	56062.07199	56062.07031	505123.2	5408640.6
T8640.0	505122.7	5408640.6	7266.20020	320.63	107.58	48.830722	-86.930200	56079.06	56250.2	-0.16	56078.90	56078.89844	56062.65271	56062.65234	505122.7	5408640.6
T8640.0	505122.4	5408640.6	7266.29981	320.81	108.12	48.830722	-86.930203	56079.16	56250.2	-0.16	56079.00	56079.00000	56063.84038	56063.83984	505122.4	5408640.6
T8640.0	505122.4	5408640.6	7266.39990	320.91	104.2	48.830722	-86.930203	56079.27	56250.2	-0.16	56079.11	56079.10938	56065.21538	56065.21484	505122.4	5408640.6
T8640.0	505122.0	5408640.6	7266.50000	323.47	107.23	48.830722	-86.930209	56079.32	56250.2	-0.16	56079.16	56079.16016	56065.33229	56065.33203	505122.0	5408640.6
T8640.0	505121.6	5408640.5	7266.60010	322.92	107.23	48.830722	-86.930214	56079.36	56250.2	-0.16	56079.20	56079.19922	56065.23213	56065.23047	505121.6	5408640.5
T8640.0	505121.1	5408640.5	7266.70020	321.17	110.9	48.830721	-86.930221	56079.36	56250.2	-0.16	56079.20	56079.19922	56064.29830	56064.29688	505121.1	5408640.5
T8640.0	505120.7	5408640.5	7266.79981	322.80	106.21	48.830721	-86.930226	56079.41	56250.2	-0.16	56079.25	56079.25000	56064.38051	56064.37891	505120.7	5408640.5
T8640.0	505120.7	5408640.5	7266.89990	322.95	108.9	48.830721	-86.930226	56079.42	56250.2	-0.16	56079.26	56079.26172	56063.62894	56063.62891	505120.7	5408640.5
T8640.0	505120.4	5408640.5	7267.00000	322.88	109.32	48.830721	-86.930231	56079.49	56250.2	-0.16	56079.33	56079.32813	56064.09360	56064.09375	505120.4	5408640.5
T8640.0	505120.0	5408640.5	7267.10010	321.43	109.35	48.830721	-86.930236	56079.54	56250.2	-0.16	56079.38	56079.37891	56064.13376	56064.13281	505120.0	5408640.5
T8640.0	505119.7	5408640.5	7267.20020	320.44	109.35	48.830721	-86.930239	56079.54	56250.2	-0.16	56079.38	56079.37891	56063.13751	56063.13672	505119.7	5408640.5
T8640.0	505119.4	5408640.4	7267.29981	320.38	110.53	48.830721	-86.930244	56079.67	56250.2	-0.15	56079.51	56079.51172	56064.79488	56064.79297	505119.4	5408640.4
T8640.0	505119.1	5408640.4	7267.39990	320.62	103.29	48.830721	-86.930248	56079.67	56250.2	-0.15	56079.52	56079.51953	56063.98624	56063.98438	505119.1	5408640.4
T8640.0	505119.1	5408640.4	7267.50000	320.49	103.04	48.830721	-86.930248	56079.85	56250.2	-0.15	56079.70	56079.69922	56066.65577	56066.65625	505119.1	5408640.4
T8640.0	505118.8	5408640.4	7267.60010	320.07	103.04	48.830720	-86.930253	56079.82	56250.1	-0.15	56079.67	56079.67188	56065.01823	56065.01953	505118.8	5408640.4
T8640.0	505118.4	5408640.4	7267.70020	320.03	102.98	48.830720	-86.930257	56079.92	56250.1	-0.15	56079.78	56079.78125	56066.24554	56066.24609	505118.4	5408640.4
T8640.0	505118.0	5408640.4	7267.79981	320.72	102.53	48.830720	-86.930263	56079.95	56250.1	-0.14	56079.81	56079.80859	56065.83315	56065.83203	505118.0	5408640.4
T8640.0	505117.6	5408640.3	7267.89990	321.19	102.53	48.830720	-86.930268	56080.05	56250.1	-0.14	56079.90	56079.89844	56066.64529	56066.64453	505117.6	5408640.3
T8640.0	505117.6	5408640.3	7268.00000	319.59	102.89	48.830720	-86.930268	56080.07	56250.1	-0.14	56079.93	56079.92969	56066.23314	56066.23438	505117.6	5408640.3
T8640.0	505117.0	5408640.3	7268.10010	320.11	103.37	48.830720	-86.930277	56080.13	56250.1	-0.14	56079.98	56079.98047	56066.23021	56066.23047	505117.0	5408640.3
T8640.0	505117.0	5408640.3	7268.20020	321.21	105.8	48.830720	-86.930277	56080.20	56250.1	-0.14	56080.05	56080.05078	56066.63203	56066.63281	505117.0	5408640.3
T8640.0	505116.6	5408640.3	7268.29981	322.19	105.8	48.830720	-86.930283	56080.31	56250.1	-0.14	56080.16	56080.16016	56067.83409	56067.83594	505116.6	5408640.3
T8640.0	505116.1	5408640.3	7268.39990	322.59	107.58	48.830720	-86.930288	56080.36	56250.1	-0.14	56080.21	56080.21094	56067.82467	56067.82422	505116.1	5408640.3
T8640.0	505115.9	5408640.3	7268.50000	321.88	106.11	48.830720	-86.930292	56080.45	56250.1	-0.15	56080.31	56080.30859	56068.80787	56068.80859	505115.9	5408640.3
T8640.0	505115.4	5408640.3	7268.60010	320.71	108.83	48.830720	-86.930298	56080.45	56250.1	-0.15	56080.31	56080.30859	56067.80744	56067.80859	505115.4	5408640.3
T8640.0	505115.0	5408640.4	7268.70020	321.03	108.83	48.830720	-86.930304	56080.50	56250.1	-0.15	56080.36	56080.35938	56067.80016	56067.80078	505115.0	5408640.4
T8640.0	505114.7	5408640.4	7268.79981	320.83	109.56	48.830720	-86.930308	56080.56	56250.1	-0.15	56080.41	56080.41016	56067.79438	56067.79297	505114.7	5408640.4
T8640.0	505114.2	5408640.4	7268.89990	320.40	109.56	48.830720	-86.930315	56080.68	56250.1	-0.15	56080.53	56080.53125	56069.13433	56069.13281	505114.2	5408640.4
T8640.0	505113.8	5408640.4	7269.00000	317.00	109.02	48.830721	-86.930321	56080.68	56250.2	-0.15	56080.53	56080.53125	56068.16759	56068.16797	505113.8	5408640.4
T8640.0	505113.8	5408640.4	7269.10010	318.72	108.34	48.830721	-86.930321	56080.73	56250.1	-0.15	56080.59	56080.58984	56068.35181	56068.35156	505113.8	5408640.4
T8640.0	505113.4	5408640.4	7269.20020	318.51	108.34	48.830721	-86.930326	56080.78	56250.1	-0.14	56080.64	56080.64063	56068.35110	56068.35156	505113.4	5408640.4
T8640.0	505113.0	5408640.5	7269.29981	318.91	107.25	48.830721	-86.930331	56080.90	56250.1	-0.14	56080.76	56080.76172	56069.64014	56069.64063	505113.0	5408640.5
T8640.0	505112.6	5408640.5	7269.39990	318.13	106.36	48.830721	-86.930337	56080.91	56250.1	-0.13	56080.78	56080.78125	56069.09238	56069.09375	505112.6	5408640.5
T8640.0	505112.2	5408640.5	7269.50000	317.33	106.46	48.830721	-86.930342	56081.04	56250.1	-0.13	56080.91	56080.91016	56070.52885	56070.52734	505112.2	5408640.5
T8640.0	505111.8	5408640.5	7269.60010	314.92	106.46	48.830721	-86.930347	56081.11	56250.1	-0.13	56080.98	56080.98047	56069.37182	56069.37109	505111.8	5408640.5
T8640.0	505111.3	5408640.5	7269.70020	315.25	107.95	48.830722	-86.930354	56081.14	56250.1	-0.12	56081.02	56081.01953	56069.02703	56069.02734	505111.3	5408640.5
T8640.0	505110.9	5408640.5	7269.79981	314.86	108.19	48.830722	-86.930359	56081.26	56250.1	-0.12	56081.14	56081.14063	56070.73155	56070.73047	505110.9	5408640.5
T8640.0	505110.9	5408640.5	7269.89990	315.09	104.24	48.830722	-86.930359	56081.34	56250.1	-0.11	56081.23	56081.23047	56071.65040	56071.65234	505110.9	5408640.5
T8640.0	505110.2	5408640.6	7270.00000	316.65	104.24	48.830722	-86.930370	56081.41	56250.1	-0.11	56081.30	56081.30078	56072.06670	56072.06641	505110.2	5408640.6
T8640.0	505110.2	5408640.6	7270.10010	316.99	100.93	48.830722	-86.930370	56081.44	56250.1	-0.11	56081.33	56081.32813	56071.53616	56071.53516	505110.2	5408640.6
T8640.0	505109.7	5408640.6	7270.20020	319.42	100.93	48.830722	-86.930376	56081.52	56250.1	-0.11	56081.41	56081.41016	56072.20145	56072.20313	505109.7	5408640.6
T8640.0	505109.3	5408640.6	7270.29981	318.37	100.62	48.830722	-86.930382	56081.54	56250.1	-0.11	56081.43	56081.42969	56071.50110	56071.50000	505109.3	5408640.6
T8640.0	505108.9	5408640.6	7270.39990	317.21	100.99	48.830722	-86.930387	56081.62	56250.1	-0.11	56081.50	56081.50000	56071.95541	56071.95703	505108.9	5408640.6

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
T8640.0	505108.5	5408640.6	7270.60010	315.95	100.99	48.830723	-86.930392	56081.67	56250.1	-0.12	56081.56	56081.55859	56072.19482	56072.19531	505108.5	5408640.6
T8640.0	505108.0	5408640.6	7270.70020	313.61	105.78	48.830723	-86.930399	56081.64	56250.1	-0.12	56081.52	56081.51953	56070.35755	56070.35938	505108.0	5408640.6
T8640.0	505108.0	5408640.6	7270.79981	308.87	105.13	48.830723	-86.930399	56081.70	56250.1	-0.12	56081.58	56081.57813	56070.67493	56070.67578	505108.0	5408640.6
T8640.0	505107.3	5408640.7	7270.89990	306.67	105.13	48.830723	-86.930409	56081.84	56250.1	-0.12	56081.72	56081.71875	56072.57593	56072.57422	505107.3	5408640.7
T8640.0	505107.3	5408640.7	7271.00000	308.37	105.39	48.830723	-86.930409	56081.89	56250.1	-0.12	56081.77	56081.76953	56072.67038	56072.67188	505107.3	5408640.7
T8640.0	505106.9	5408640.7	7271.00000	308.34	107.32	48.830723	-86.930414	56081.95	56250.1	-0.12	56081.83	56081.82813	56072.96650	56072.96484	505106.9	5408640.7
T8640.0	505106.5	5408640.7	7271.10010	309.84	110.14	48.830723	-86.930420	56082.07	56250.1	-0.12	56081.95	56081.94922	56074.33721	56074.33594	505106.5	5408640.7
T8640.0	505106.0	5408640.7	7271.29981	308.62	110.14	48.830724	-86.930426	56082.04	56250.1	-0.12	56081.92	56081.92188	56073.04510	56073.04688	505106.0	5408640.7
T8640.0	505106.0	5408640.7	7271.39990	309.71	109.6	48.830724	-86.930426	56082.13	56250.1	-0.12	56082.01	56082.01172	56073.85616	56073.85547	505106.0	5408640.7
T8640.0	505105.5	5408640.8	7271.50000	309.71	110.03	48.830724	-86.930433	56082.22	56250.1	-0.12	56082.10	56082.10156	56074.62362	56074.62500	505105.5	5408640.8
T8640.0	505105.1	5408640.8	7271.60010	309.23	110.03	48.830724	-86.930438	56082.30	56250.1	-0.12	56082.18	56082.17969	56075.19031	56075.19141	505105.1	5408640.8
T8640.0	505104.7	5408640.8	7271.70020	306.87	110.48	48.830724	-86.930445	56082.38	56250.1	-0.12	56082.25	56082.25000	56075.57038	56075.57031	505104.7	5408640.8
T8640.0	505104.2	5408640.8	7271.79981	307.10	109.97	48.830724	-86.930450	56082.45	56250.1	-0.12	56082.33	56082.32813	56076.06855	56076.07031	505104.2	5408640.8
T8640.0	505103.9	5408640.8	7271.89990	306.72	108.94	48.830724	-86.930455	56082.53	56250.1	-0.12	56082.41	56082.41016	56076.52835	56076.52734	505103.9	5408640.8
T8640.0	505103.6	5408640.8	7272.00000	305.25	108.94	48.830724	-86.930460	56082.58	56250.1	-0.12	56082.46	56082.46094	56076.53592	56076.53516	505103.6	5408640.8
T8640.0	505103.2	5408640.8	7272.00000	304.77	107.56	48.830724	-86.930465	56082.66	56250.1	-0.12	56082.54	56082.53906	56076.61994	56076.62109	505103.2	5408640.8
T8640.0	505102.8	5408640.8	7272.20020	303.60	107.56	48.830725	-86.930470	56082.81	56250.1	-0.12	56082.68	56082.67969	56078.78229	56078.78125	505102.8	5408640.8
T8640.0	505102.3	5408640.9	7272.29981	305.90	107.56	48.830725	-86.930476	56082.81	56250.1	-0.12	56082.68	56082.67969	56076.81476	56076.81641	505102.3	5408640.9
T8640.0	505102.3	5408640.9	7272.39990	305.67	108.5	48.830725	-86.930476	56082.96	56250.1	-0.12	56082.84	56082.83984	56079.42740	56079.42578	505102.3	5408640.9
T8640.0	505101.8	5408640.9	7272.50000	304.53	108.5	48.830725	-86.930483	56083.01	56250.1	-0.12	56082.89	56082.89063	56078.87910	56078.87891	505101.8	5408640.9
T8640.0	505101.5	5408640.9	7272.60010	306.25	107.73	48.830725	-86.930488	56083.06	56250.1	-0.12	56082.94	56082.94141	56078.33243	56078.33203	505101.5	5408640.9
T8640.0	505101.0	5408640.9	7272.70020	305.64	107.95	48.830725	-86.930495	56083.08	56250.1	-0.12	56082.96	56082.96094	56076.95729	56076.95703	505101.0	5408640.9
T8640.0	505101.0	5408640.9	7272.70020	307.06	107.95	48.830725	-86.930495	56083.21	56250.1	-0.12	56083.09	56083.08984	56078.60684	56078.60547	505101.0	5408640.9
T8640.0	505100.5	5408640.9	7272.89990	305.76	107.33	48.830725	-86.930502	56083.29	56250.1	-0.12	56083.17	56083.17188	56078.86900	56078.86719	505100.5	5408640.9
T8640.0	505100.0	5408640.9	7273.00000	306.63	109.14	48.830725	-86.930508	56083.26	56250.1	-0.12	56083.14	56083.14063	56076.08273	56076.08203	505100.0	5408640.9
T8640.0	505099.6	5408640.9	7273.00000	308.07	109.14	48.830725	-86.930514	56083.39	56250.1	-0.12	56083.27	56083.26953	56077.70262	56077.70313	505099.6	5408640.9
T8640.0	505099.3	5408640.9	7273.10010	306.22	109.23	48.830725	-86.930518	56083.46	56250.1	-0.12	56083.34	56083.33984	56077.64809	56077.64844	505099.3	5408640.9
T8640.0	505098.9	5408641.0	7273.29981	308.13	109.23	48.830726	-86.930524	56083.58	56250.1	-0.12	56083.47	56083.46875	56079.30447	56079.30469	505098.9	5408641.0
T8640.0	505098.9	5408641.0	7273.39990	307.18	110.13	48.830726	-86.930524	56083.70	56250.1	-0.12	56083.58	56083.57813	56080.43078	56080.42969	505098.9	5408641.0
T8640.0	505098.4	5408641.0	7273.50000	307.74	110.73	48.830726	-86.930531	56083.70	56250.1	-0.12	56083.58	56083.57813	56078.29417	56078.29297	505098.4	5408641.0
T8640.0	505098.0	5408641.0	7273.60010	307.31	110.55	48.830726	-86.930536	56083.79	56250.1	-0.11	56083.67	56083.67188	56078.56352	56078.56250	505098.0	5408641.0
T8640.0	505097.6	5408641.0	7273.70020	306.29	109.48	48.830726	-86.930541	56083.84	56250.1	-0.11	56083.73	56083.73047	56078.23393	56078.23438	505097.6	5408641.0
T8640.0	505097.2	5408641.1	7273.79981	306.40	109.48	48.830727	-86.930546	56083.87	56250.1	-0.11	56083.76	56083.76172	56077.42553	56077.42578	505097.2	5408641.1
T8640.0	505096.8	5408641.1	7273.89990	307.48	105.49	48.830727	-86.930552	56083.97	56250.1	-0.11	56083.86	56083.85938	56077.61420	56077.61328	505096.8	5408641.1
T8640.0	505096.8	5408641.1	7274.00000	307.46	106.81	48.830727	-86.930552	56083.99	56250.1	-0.11	56083.88	56083.87891	56076.55462	56076.55469	505096.8	5408641.1
T8640.0	505096.3	5408641.1	7274.00000	305.68	106.81	48.830727	-86.930559	56084.10	56250.1	-0.11	56083.99	56083.98828	56076.86868	56076.86719	505096.3	5408641.1
T8640.0	505095.9	5408641.2	7274.10010	305.27	104.54	48.830727	-86.930565	56084.09	56250.1	-0.11	56083.98	56083.98047	56075.21193	56075.21094	505095.9	5408641.2
T8640.0	505095.5	5408641.2	7274.20020	303.55	103.82	48.830728	-86.930570	56084.28	56250.1	-0.11	56084.17	56084.17188	56076.85591	56076.85547	505095.5	5408641.2
T8640.0	505095.5	5408641.2	7274.29981	310.59	102.88	48.830728	-86.930570	56084.32	56250.1	-0.11	56084.21	56084.21094	56075.96938	56075.96875	505095.5	5408641.2
T8640.0	505095.0	5408641.2	7274.39990	314.40	102.79	48.830728	-86.930576	56084.36	56250.1	-0.11	56084.25	56084.25000	56075.03250	56075.03125	505095.0	5408641.2
T8640.0	505094.7	5408641.2	7274.50000	313.01	103.59	48.830728	-86.930581	56084.52	56250.1	-0.10	56084.42	56084.42188	56076.43631	56076.43750	505094.7	5408641.2
T8640.0	505094.0	5408641.3	7274.60010	311.92	103.59	48.830728	-86.930590	56084.48	56250.1	-0.10	56084.37	56084.37109	56073.76822	56073.76953	505094.0	5408641.3
T8640.0	505094.0	5408641.3	7274.70020	313.64	103.93	48.830728	-86.930590	56084.65	56250.1	-0.10	56084.54	56084.53906	56075.21393	56075.21484	505094.0	5408641.3
T8640.0	505093.6	5408641.3	7274.79981	314.23	103.08	48.830728	-86.930596	56084.70	56250.1	-0.10	56084.60	56084.60156	56074.56381	56074.56250	505093.6	5408641.3
T8640.0	505093.2	5408641.3	7274.89990	314.25	103.08	48.830729	-86.930600	56084.84	56250.1	-0.10	56084.74	56084.73828	56075.49874	56075.50000	505093.2	5408641.3
T8640.0	505092.8	5408641.3	7275.00000	314.46	102.46	48.830729	-86.930606	56084.86	56250.1	-0.10	56084.76	56084.76172	56074.02208	56074.02344	505092.8	5408641.3
T8640.0	505092.5	5408641.3	7275.10010	313.69	100.19	48.830729	-86.930610	56084.93	56250.1	-0.10	56084.83	56084.82813	56073.54419	56073.54297	505092.5	5408641.3
T8640.0	505092.3	5408641.3	7275.20020	314.15	100.19	48.830729	-86.930613	56085.06	56250.1	-0.10	56084.96	56084.96094	56074.33410	56074.33594	505092.3	5408641.3
T8640.0	505091.8	5408641.3	7275.29981	313.80	98.51	48.830729	-86.930620	56085.16	56250.1	-0.10	56085.06	56085.05859	56074.52275	56074.52344	505091.8	5408641.3
T8640.0	505091.4	5408641.3	7275.39990	314.66	96.85	48.830729	-86.930625	56085.21	56250.1	-0.10	56085.10	56085.10156	56073.43655	56073.43750	505091.4	5408641.3
T8640.0	505091.0	5408641.3	7275.50000	313.91	100.56	48.830729	-86.930631	56085.31	56250.1	-0.10	56085.20	56085.19922	56073.66022	56073.66016	505091.0	5408641.3
T8640.0	505091.0	5408641.3	7275.60010	312.66	110.23	48.830729	-86.930631	56085.41	56250.1	-0.11	56085.30	56085.30078	56073.90981	56073.91016	505091.0	5408641.3
T8640.0	505090.6	5408641.3	7275.70020	314.34	110.23	48.830729	-86.930637	56085.46	56250.1	-0.11	56085.35	56085.35156	56073.08126	56073.08203	505090.6	5408641.3
T8640.0	505090.1	5408641.3	7275.89990	314.51	110.35	48.830729	-86.930643	56085.59	56250.1	-0.11	56085.48	56085.48047	56074.04044	56074.03906	505090.1	5408641.3
T8640.0	505089.6	5408641.3	7275.89990	314.62	110.39	48.830729	-86.930650	56085.71	56250.1	-0.11	56085.61	56085.60938	56075.02520	56075.02344	505089.6	5408641.3
T8640.0	505089.3	5408641.3	7276.00000	314.05	110.39	48.830729	-86.930654	56085.79	56250.1	-0.11	56085.68	56085.67969	56074.70092	56074.69922	505089.3	5408641.3
T8640.0	505088.9	5408641.3	7276.10010	316.03	110.39	48.830729	-86.930660	56085.92	56250.1	-0.11	56085.81	56085.80859	56075.72565	56075.72656	505088.9	5408641.3
T8640.0	505088.9	5408641.3	7276.20020	315.73	108.57	48.830729	-86.930660	56086.02	56250.1	-0.11	56085.91	56085.91016	56076.10185	56076.10156	505088.9	5408641.3
T8640.0	505088.4	5408641.3	7276.29981	315.38	107.58	48.830729	-86.930666	56086.12	56250.1	-0.11	56086.01	56086.01172	56076.49278	56076.49219	505088.4	5408641.3
T8640.0	505088.1	5408641.3	7276.39990	314.74	107.75	48.830729	-86.930671	56086.22	56250.1	-0.11	56086.11	56086.10938	56076.89704	56076.89844	505088.1	5408641.3
T8640.0	505087.7	5408641.3	7276.50000	314.26	108.66	48.830728	-86.930676	56086.27	56250.1	-0.11	56086.16	56086.16016	56076.21766	56076.21875	505087.7	5408641.3
T8640.0	505087.3	5408641.3	7276.60010	315.02	108.66	48.830728	-86.930682	56086.42	56250.1	-0.11	56086.31	56086.30859	56077.74745	56077.74609	505087.3	5408641.3
T8640.0	505087.3	5408641.3	7276.70020	314.85	109.98	48.830728	-86.930682	56086.45	56250.1	-0.11	56086.34	56086.33984	56076.66776	56076.66797	505087.3	5408641.3
T8640.0	505086.6	5408641.2	7276.79981	314.71	109.98	48.830728	-86.930691	56086.61	56250.1	-0.11	56086.50	56086.50000	56078.44124	56078.44141	505086.6	5408641.2
T8640.0	505086.1	5408641.2	7276.89990	314.02	109.48	48.830728	-86.930698	56086.70	56250.1	-0.11	56086.59	56086.58984	56078.70539	56078.70703	505086.1	5408641.2
T8640.0	505086.1	5408641.2	7277.00000	312.67	109.64	48.830728	-86.930698	56086.86	56250.1	-0.11	56086.75	56086.75000	56080.50489	56080.50391	505086.1	5408641.2
T8640.0	505085.8	5408641.2	7277.10010	312.30	109.39	48.830728	-86.930702	56086.91	56250.1	-0.11	56086.80	56086.80078	56079.94132	56079.94141	505085.8	5408641.2
T8640.0	505085.4	5408641.2	7277.20020	313.19	109.39	48.830728	-86.930707	56087.03	56250.1	-0.11	56086.92	56086.92188	56080.91337	56080.91406	505085.4	5408641.2
T8640.0	505085.0	5408641.2	7277.29981	314.00	110.19	48.830727	-86.930712	56087.04	56250.1	-0.10	56086.93	56086.92969	56079.53508	56079.53516	505085.0	5408641.2
T8640.0	505084.7	5408641.1	7277.39990	312.68	110.43	48.830727	-86.930717	56087.20	56250.1	-0.10	56087.10	56087.10156	56081.63100	56081.63281	505084.7	5408641.1
T8640.0	505084.3	5408641.1	7277.50000	312.49	110.75	48.830727	-86.930723	56087.34	56250.1	-0.10	56087.24	56087.23828	56083.10632	56083.10547	505084.3	5408641.1
T8640.0	505083.9	5408641.1	7277.60010	312.84	110.75	48.830727	-86.930728	56087.41	56250.1	-0.10	56087.31	56087.30859	56083.10211	56083.10156	505083.9	5408641.1
T8640.0	505083.9	5408641.1	7277.70020	313.00	110.94	48.830727	-86.930728	56087.46	56250.1	-0.10	56087.37	56087.37109	56082.91235	56082.91406	505083.9	5408641.1
T8640.0	505083.4	5408641.1	7277.79981	314.02	110.94	48.830727	-86.930734	56087.61	56250.1	-0.09	56087.51	56087.51172	56084.48353	56084.48438	505083.4	5408641.1
T8640.0	505083.0	5408641.1	7277.89990	314.30	111.2	48.830727	-86.930740	56087.58	56250.1	-0.09	56087.49	56087.48828	56082.62726	56082.62891	505083.0	5408641.1
T8640.0	505082.6	5408641.1	7278.00000	313.52	110.85	48.830727	-86.930745	56087.72	56250.1	-0.09	56087.63	56087.62891	56084.27200	56084.27344	505082.6	5408641.1
T8640.0	505082.6	5408641.1	7278.10010	312.42	110.85	48.830727	-86.930745	56087.86	56250.1	-0.09	56087.77	56087.76953	56085.96122	56085.96094	505082.6	5408641.1
T8640.0	505082.2	5408641.1	7278.20020	311.27	110.02	48.830727	-86.930751	56087.86	56250.1	-0.09	56087.78	56087.78125	56084.85942	56084.85938	505082.2	5408641.1
T8640.0	505081.8	5408641.1	7278.29981	312.25	110.02	48.830727	-86.930756	56087.94	56250.1	-0.09	56087.85	56087.85156	56085.10432	56085.10547	505081.8	5408641.1
T8640.0	505081.8	5408641.1	7278.39990	314.96	107.06	48.830727	-86.930756	56088.00	56250.1	-0.09	56087.91	56087.91016	56085.17172	56085.17188	505081.8	5408641.1
T8640.0	505081.6	5408641.0	7278.50000	315.58	107.06	48.830727	-86.930759	56088.09	56250.1	-0.08	56088.00	56088.00000	56085.94024	56085.94141	505081.6	5408641.0
T8640.0	505081.4	5408641.0	7278.60010	316.49	104.58	48.830727	-86.930762	56088.06	56250.1	-0.08	56087.98	56087.98047	56084.33480	56084.33594	505081.4	5408641.0
T8640.0	505081.1	5408641.0	7278.70020	317.67	104.58	48.830726	-86.930766	56088.14	56250.1	-0.08	56088.06	56088.05859	56084.97107	56084.97266	505081.1	5408641.0
T8640.0	505080.8	5408641.0	7278.79981	318.15	109.64	48.830727	-86.930769	56088.17	56250.1	-0.08	56088.09	56088.08984	56084.55319	56084.55469	505080.8	5408641.0
T8640.0	505080.8	5408641.0	7278.89990	315.81	110.12	48.830727	-86.930769	56088.24	56250.1	-0.08	56088.16	56088.16016	56085.06023	56085.05859	505080.8	5408641.0
T8640.0	505080.5	5408641.0	7279.00000	316.66	110.12	48.830727	-86.930774	56088.27	56250.1	-0.08	56088.19	56088.19141	56084.73620	56084.73438	505080.5	5408641.0
T8640.0	505080.3	5408641.0	7279.10010	316.22	110.54	48.830727	-86.930776	56088.34	56250.1	-0.08	56088.26	56088.26172	56085.33211	56085.33203	505080.3	5408641.0
T8640.0	505080.1	5408641.0	7279.20020	314.59	110.54	48.830727	-86.930779	56088.38	56250.1	-0.08	56088.30	56088.30078	56085.31780	56085.31641	505080.1	5408641.0
T8640.0	505080.1	5408641.0	7279.29981	314.39	110.54	48.830727	-86.930779	56088.42	56250.1	-0.08	56088.34	56088.33984	56085.34830	56085.34766	505080.1	5408641.0
T8640.0	505080.0	5408641.0	7279.39990	313.81	110.61	48.830727	-86.930781	56088.42	56250.1	-0.08	56088.34	56088.33984	56084.56841	56084.57031	505080.0	5408641.0
T8640.0	505079.8	5408641.0	7279.50000	315.85	110.61	48.830727	-86.930784	56088.50	56250.1	-0.07	56088.42	56088.42188	56085.53818	56085.53906	505079.8	5408641.0
T8640.0	505079.6	5408641.1	7279.60010	314.84	110.41	48.830727	-86.930786	56088.55	56250.1	-0.07	56088.47	56088.46875	56085.90348	56085.90234	505079.6	5408641.1
T8640.0	505079.6	5408641.1	7279.70020	313.08	106.58	48.830727	-86.930786	56088.57	56250.1	-0.07	56088.50	56088.50000	56085.88694	56085.88672	505079.6	5408641.1

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
T8640.0	505079.4	5408641.1	7279.79981	311.75	106.58	48.830727	-86.930788	56088.50	56250.1	-0.07	56088.42	56088.42188	56083.65247	56083.65234	505079.4	5408641.1
T8640.0	505079.3	5408641.1	7279.89990	309.99	105.7	48.830727	-86.930790	56088.55	56250.1	-0.07	56088.48	56088.48047	56084.34696	56084.34766	505079.3	5408641.1
T8640.0	505079.3	5408641.1	7280.00000	310.04	105.7	48.830727	-86.930790	56088.45	56250.1	-0.07	56088.38	56088.37891	56081.85684	56081.85547	505079.3	5408641.1
T8640.0	505079.2	5408641.1	7280.10010	308.90	110.48	48.830727	-86.930792	56088.47	56250.1	-0.07	56088.40	56088.39844	56081.83942	56081.83984	505079.2	5408641.1
T8640.0	505079.1	5408641.1	7280.20020	310.92	108.81	48.830727	-86.930793	56088.47	56250.1	-0.07	56088.40	56088.39844	56081.46761	56081.46875	505079.1	5408641.1
T8640.0	505079.0	5408641.1	7280.29981	312.71	108.81	48.830727	-86.930794	56088.39	56250.1	-0.07	56088.33	56088.32813	56079.79081	56079.78906	505079.0	5408641.1
T8640.0	505079.0	5408641.1	7280.39990	311.21	103.52	48.830727	-86.930795	56088.42	56250.1	-0.07	56088.35	56088.35156	56079.90054	56079.90234	505079.0	5408641.1
T8640.0	505079.0	5408641.1	7280.50000	309.71	110.4	48.830727	-86.930795	56088.42	56250.1	-0.07	56088.35	56088.35156	56079.66229	56079.66406	505079.0	5408641.1
T8640.0	505078.9	5408641.1	7280.60010	310.64	110.4	48.830727	-86.930796	56088.39	56250.1	-0.06	56088.33	56088.32813	56079.08883	56079.08984	505078.9	5408641.1
T8640.0	505078.8	5408641.1	7280.70020	311.40	110.18	48.830727	-86.930797	56088.52	56250.1	-0.06	56088.46	56088.46094	56081.28998	56081.28906	505078.8	5408641.1
T8640.0	505078.8	5408641.1	7280.79981	311.35	110.2	48.830727	-86.930797	56088.50	56250.1	-0.06	56088.43	56088.42969	56080.57809	56080.57813	505078.8	5408641.1
T8640.0	505078.7	5408641.2	7280.89990	310.44	110.2	48.830728	-86.930798	56088.52	56250.1	-0.06	56088.46	56088.46094	56080.96811	56080.96875	505078.7	5408641.2
T8640.0	505078.7	5408641.2	7281.00000	311.58	110.02	48.830728	-86.930799	56088.45	56250.1	-0.06	56088.39	56088.39063	56079.61111	56079.60938	505078.7	5408641.2
T8640.0	505078.7	5408641.2	7281.10010	314.25	110.26	48.830728	-86.930799	56088.57	56250.1	-0.06	56088.51	56088.51172	56081.58642	56081.58594	505078.7	5408641.2
T8640.0	505078.6	5408641.2	7281.20020	314.23	110.26	48.830728	-86.930800	56088.57	56250.1	-0.06	56088.52	56088.51953	56081.64162	56081.64063	505078.6	5408641.2
T8640.0	505078.6	5408641.2	7281.29981	313.63	110.18	48.830728	-86.930800	56088.57	56250.1	-0.06	56088.52	56088.51953	56081.53047	56081.53125	505078.6	5408641.2
T8640.0	505078.5	5408641.2	7281.39990	308.60	109.92	48.830728	-86.930802	56088.55	56250.1	-0.06	56088.49	56088.48828	56080.91574	56080.91406	505078.5	5408641.2
T8640.0	505078.4	5408641.2	7281.50000	307.53	109.92	48.830728	-86.930802	56088.60	56250.1	-0.06	56088.54	56088.53906	56081.64987	56081.64844	505078.4	5408641.2
T8640.0	505078.4	5408641.2	7281.60010	309.66	109.68	48.830728	-86.930803	56088.60	56250.1	-0.05	56088.54	56088.53906	56081.53679	56081.53516	505078.4	5408641.2
T8640.0	505078.3	5408641.2	7281.70020	308.13	109.28	48.830728	-86.930804	56088.63	56250.1	-0.05	56088.57	56088.57031	56081.92136	56081.92188	505078.3	5408641.2
T8640.0	505078.2	5408641.2	7281.79981	308.40	109.21	48.830728	-86.930805	56088.57	56250.1	-0.05	56088.52	56088.51953	56080.95730	56080.95703	505078.2	5408641.2
T8640.0	505078.2	5408641.2	7281.89990	308.50	108.67	48.830728	-86.930805	56088.70	56250.1	-0.05	56088.65	56088.64844	56083.01643	56083.01563	505078.2	5408641.2
T8640.0	505078.2	5408641.2	7282.00000	308.12	108.67	48.830728	-86.930806	56088.57	56250.1	-0.05	56088.52	56088.51953	56080.68215	56080.68359	505078.2	5408641.2
T8640.0	505078.1	5408641.1	7282.10010	308.60	108.62	48.830727	-86.930807	56088.68	56250.1	-0.05	56088.63	56088.62891	56082.41088	56082.41016	505078.1	5408641.1
T8640.0	505078.1	5408641.1	7282.20020	308.13	108.69	48.830727	-86.930807	56088.68	56250.1	-0.05	56088.63	56088.62891	56082.26691	56082.26563	505078.1	5408641.1
T8640.0	505078.0	5408641.1	7282.29981	309.13	108.87	48.830727	-86.930808	56088.77	56250.1	-0.05	56088.72	56088.71875	56083.68548	56083.68359	505078.0	5408641.1
T8640.0	505078.0	5408641.1	7282.39990	309.66	108.87	48.830727	-86.930809	56088.72	56250.1	-0.05	56088.67	56088.67188	56082.66484	56082.66406	505078.0	5408641.1
T8640.0	505078.0	5408641.1	7282.50000	310.30	108.94	48.830727	-86.930809	56088.68	56250.1	-0.05	56088.63	56088.62891	56081.79631	56081.79688	505078.0	5408641.1
T8640.0	505077.9	5408641.1	7282.60010	311.38	108.94	48.830727	-86.930809	56088.72	56250.1	-0.05	56088.67	56088.67188	56082.35400	56082.35547	505077.9	5408641.1
T8640.0	505077.9	5408641.0	7282.70020	312.90	109.04	48.830727	-86.930810	56088.77	56250.1	-0.05	56088.72	56088.71875	56083.11244	56083.11328	505077.9	5408641.0
T8640.0	505077.8	5408641.0	7282.79981	312.48	108.91	48.830726	-86.930810	56088.70	56250.1	-0.05	56088.65	56088.64844	56081.65854	56081.66016	505077.8	5408641.0
T8640.0	505077.8	5408641.0	7282.89990	313.48	108.58	48.830726	-86.930811	56088.77	56250.1	-0.05	56088.72	56088.71875	56082.81427	56082.81250	505077.8	5408641.0
T8640.0	505077.8	5408641.0	7283.00000	313.18	108.58	48.830726	-86.930811	56088.68	56250.1	-0.05	56088.63	56088.62891	56080.94250	56080.94141	505077.8	5408641.0
T8640.0	505077.7	5408641.0	7283.10010	312.71	108.39	48.830726	-86.930812	56088.80	56250	-0.05	56088.75	56088.75000	56083.10316	56083.10156	505077.7	5408641.0
T8640.0	505077.7	5408641.0	7283.20020	312.36	108.39	48.830726	-86.930812	56088.70	56250	-0.05	56088.65	56088.64844	56081.00608	56081.00781	505077.7	5408641.0
T8640.0	505077.7	5408641.0	7283.29981	312.83	108.31	48.830726	-86.930813	56088.72	56250	-0.05	56088.68	56088.67969	56081.45057	56081.44922	505077.7	5408641.0
T8640.0	505077.7	5408641.0	7283.39990	315.57	107.58	48.830726	-86.930813	56088.72	56250	-0.05	56088.68	56088.67969	56081.31363	56081.31250	505077.7	5408641.0
T8640.0	505077.6	5408640.9	7283.50000	315.39	107.57	48.830726	-86.930813	56088.75	56250	-0.04	56088.71	56088.71094	56081.79041	56081.78906	505077.6	5408640.9
T8640.0	505077.6	5408640.9	7283.60010	314.38	107.57	48.830726	-86.930814	56088.77	56250	-0.04	56088.73	56088.73047	56082.08153	56082.08203	505077.6	5408640.9
T8640.0	505077.6	5408640.9	7283.70020	313.19	107.43	48.830726	-86.930814	56088.75	56250	-0.04	56088.71	56088.71094	56081.57051	56081.57031	505077.6	5408640.9
T8640.0	505077.5	5408640.9	7283.79981	312.32	107.32	48.830726	-86.930815	56088.77	56250	-0.04	56088.73	56088.73047	56081.88549	56081.88672	505077.5	5408640.9
T8640.0	505077.5	5408640.9	7283.89990	312.63	107.32	48.830726	-86.930815	56088.77	56250	-0.04	56088.73	56088.73047	56081.80376	56081.80469	505077.5	5408640.9
T8640.0	505077.5	5408640.9	7284.00000	313.07	107.16	48.830725	-86.930815	56088.79	56250	-0.04	56088.75	56088.75000	56082.14340	56082.14453	505077.5	5408640.9
T8640.0	505077.4	5408640.9	7284.10010	313.06	107.16	48.830725	-86.930816	56088.77	56250	-0.04	56088.73	56088.73047	56081.67785	56081.67969	505077.4	5408640.9
T8640.0	505077.4	5408640.9	7284.20020	313.07	106.93	48.830725	-86.930816	56088.77	56250	-0.04	56088.73	56088.73047	56081.63504	56081.63672	505077.4	5408640.9
T8640.0	505077.4	5408640.9	7284.29981	310.95	106.96	48.830725	-86.930816	56088.75	56250	-0.04	56088.71	56088.71094	56081.20410	56081.20313	505077.4	5408640.9
T8640.0	505077.3	5408640.9	7284.39990	310.74	106.85	48.830725	-86.930817	56088.80	56250	-0.04	56088.76	56088.76172	56082.19534	56082.19531	505077.3	5408640.9
T8640.0	505077.3	5408640.9	7284.50000	311.93	106.85	48.830725	-86.930818	56088.80	56250	-0.04	56088.76	56088.76172	56082.19493	56082.19531	505077.3	5408640.9
T8640.0	505077.3	5408640.9	7284.60010	313.06	106.59	48.830725	-86.930818	56088.80	56250	-0.05	56088.75	56088.75000	56082.01895	56082.01953	505077.3	5408640.9
T8640.0	505077.2	5408640.9	7284.70020	312.30	106.59	48.830725	-86.930818	56088.80	56250	-0.05	56088.75	56088.75000	56082.06025	56082.05859	505077.2	5408640.9
T8640.0	505077.2	5408640.9	7284.79981	312.89	106.55	48.830725	-86.930819	56088.86	56250	-0.05	56088.81	56088.80859	56083.24492	56083.24609	505077.2	5408640.9
T8640.0	505077.2	5408640.9	7284.89990	313.54	106.55	48.830725	-86.930819	56088.83	56250	-0.05	56088.78	56088.78125	56082.74398	56082.74219	505077.2	5408640.9
T8640.0	505077.1	5408640.8	7285.00000	312.55	106.26	48.830725	-86.930820	56088.80	56250.1	-0.05	56088.75	56088.75000	56082.28118	56082.28125	505077.1	5408640.8
T8640.0	505077.1	5408640.8	7285.10010	311.57	106.23	48.830725	-86.930820	56088.80	56250	-0.05	56088.75	56088.75000	56082.38089	56082.38281	505077.1	5408640.8
T8640.0	505077.1	5408640.8	7285.20020	311.55	106.05	48.830725	-86.930820	56088.83	56250	-0.04	56088.78	56088.78125	56083.00026	56083.00000	505077.1	5408640.8
T8640.0	505077.0	5408640.8	7285.29981	311.47	105.87	48.830725	-86.930821	56088.80	56250	-0.04	56088.76	56088.76172	56082.77131	56082.76953	505077.0	5408640.8
T8640.0	505077.0	5408640.8	7285.39990	311.40	105.87	48.830725	-86.930822	56088.79	56250	-0.04	56088.75	56088.75000	56082.72666	56082.72656	505077.0	5408640.8
T8640.0	505077.0	5408640.8	7285.50000	309.62	105.65	48.830725	-86.930822	56088.83	56250	-0.04	56088.79	56088.78906	56083.47330	56083.47266	505077.0	5408640.8
T8640.0	505076.9	5408640.8	7285.60010	308.35	105.65	48.830725	-86.930822	56088.80	56250	-0.03	56088.77	56088.76953	56083.27409	56083.27344	505076.9	5408640.8
T8640.0	505076.9	5408640.8	7285.70020	307.95	105.4	48.830725	-86.930823	56088.80	56250	-0.03	56088.77	56088.76953	56083.38245	56083.38281	505076.9	5408640.8
T8640.0	505076.9	5408640.8	7285.79981	305.93	105.4	48.830725	-86.930823	56088.77	56250	-0.03	56088.75	56088.75000	56083.19775	56083.19922	505076.9	5408640.8
T8640.0	505076.9	5408640.8	7285.89990	306.72	105.24	48.830725	-86.930824	56088.77	56250	-0.02	56088.75	56088.75000	56083.29778	56083.29688	505076.9	5408640.8
T8640.0	505076.8	5408640.8	7286.00000	304.23	104.91	48.830725	-86.930824	56088.75	56250	-0.02	56088.73	56088.73047	56082.94304	56082.94141	505076.8	5408640.8
T8640.0	505076.8	5408640.8	7286.10010	303.89	104.91	48.830725	-86.930825	56088.75	56250	-0.02	56088.73	56088.73047	56083.07453	56083.07422	505076.8	5408640.8
T8640.0	505076.8	5408640.8	7286.20020	304.65	104.64	48.830725	-86.930825	56088.77	56250	-0.02	56088.75	56088.75000	56083.75437	56083.75391	505076.8	5408640.8
T8640.0	505076.8	5408640.8	7286.29981	305.62	104.28	48.830725	-86.930825	56088.75	56250	-0.02	56088.73	56088.73047	56083.24906	56083.25000	505076.8	5408640.8
T8640.0	505076.7	5408640.8	7286.39990	306.36	104.17	48.830725	-86.930826	56088.77	56250	-0.02	56088.75	56088.75000	56083.85377	56083.85547	505076.7	5408640.8
T8640.0	505076.7	5408640.8	7286.50000	305.82	104.06	48.830725	-86.930826	56088.77	56250	-0.03	56088.75	56088.75000	56083.86777	56083.86719	505076.7	5408640.8
T8640.0	505076.6	5408640.8	7286.60010	306.12	104.06	48.830725	-86.930827	56088.80	56250	-0.03	56088.78	56088.78125	56084.67686	56084.67578	505076.6	5408640.8
T8640.0	505076.6	5408640.8	7286.70020	304.77	103.99	48.830724	-86.930828	56088.80	56250	-0.03	56088.77	56088.76953	56084.37217	56084.37109	505076.6	5408640.8
T8640.0	505076.6	5408640.8	7286.79981	305.65	103.77	48.830724	-86.930828	56088.77	56250	-0.03	56088.75	56088.75000	56083.79134	56083.79297	505076.6	5408640.8
T8640.0	505076.5	5408640.8	7286.89990	306.78	103.77	48.830724	-86.930828	56088.80	56250	-0.03	56088.77	56088.76953	56084.25923	56084.25781	505076.5	5408640.8
T8640.0	505076.5	5408640.8	7287.00000	305.97	103.79	48.830724	-86.930829	56088.82	56250	-0.03	56088.79	56088.78906	56084.70194	56084.70313	505076.5	5408640.8
T8640.0	505076.4	5408640.8	7287.10010	306.51	103.53	48.830724	-86.930830	56088.77	56250	-0.03	56088.74	56088.73828	56083.31468	56083.31641	505076.4	5408640.8
T8640.0	505076.4	5408640.8	7287.20020	306.72	103.53	48.830724	-86.930830	56088.86	56250	-0.03	56088.82	56088.82031	56085.26631	56085.26563	505076.4	5408640.8
T8640.0	505076.4	5408640.8	7287.29981	307.63	103.34	48.830724	-86.930830	56088.80	56250	-0.04	56088.76	56088.76172	56083.62133	56083.62109	505076.4	5408640.8
T8640.0	505076.3	5408640.8	7287.39990	308.93	102.86	48.830724	-86.930831	56088.88	56250	-0.04	56088.84	56088.83984	56085.52247	56085.52344	505076.3	5408640.8
T8640.0	505076.3	5408640.8	7287.50000	309.87	102.84	48.830724	-86.930831	56088.80	56250	-0.04	56088.76	56088.76172	56083.39219	56083.39063	505076.3	5408640.8
T8640.0	505076.3	5408640.7	7287.60010	309.01	103	48.830724	-86.930832	56088.86	56250	-0.04	56088.81	56088.80859	56084.52207	56084.52344	505076.3	5408640.7
T8640.0	505076.2	5408640.7	7287.70020	308.20	103	48.830724	-86.930832	56088.88	56250	-0.04	56088.83	56088.82813	56084.90074	56084.90234	505076.2	5408640.7
T8640.0	505076.2	5408640.7	7287.79981	306.26	102.92	48.830724	-86.930833	56088.90	56250	-0.05	56088.86	56088.85938	56085.52010	56085.51953	505076.2	5408640.7
T8640.0	505076.1	5408640.7	7287.89990	305.67	102.79	48.830724	-86.930834	56088.88	56250	-0.05	56088.83	56088.82813	56084.68825	56084.68750	505076.1	5408640.7
T8640.0	505076.1	5408640.7	7288.00000	303.57	102.19	48.830724	-86.930834	56088.89	56250.1	-0.05	56088.84	56088.83984	56084.83011	56084.83203	505076.1	5408640.7
T8640.0	505076.1	5408640.7	7288.10010	302.29	102.53	48.830724	-86.930835	56088.93	56250	-0.05	56088.88	56088.87891	56085.68199	56085.68359	505076.1	5408640.7
T8640.0	505076.0	5408640.7	7288.20020	301.88	102.53	48.830724	-86.930835	56088.86	56250	-0.04	56088.81	56088.80859	56083.94235	56083.94141	505076.0	5408640.7
T8640.0	505076.0	5408640.7	7288.29981	302.27	101.78	48.830724	-86.930835	56088.93	56250	-0.04	56088.89	56088.89063	56085.72465	56085.72656	505076.0	5408640.7
T8640.0	505076.0	5408640.7	7288.39990	303.26	101.78	48.830724	-86.930836	56088.93	56250	-0.04	56088.89	56088.89063	56085.63131	56085.63281	505076.0	5408640.7
T8640.0	505075.9	5408640.7	7288.50000	303.55	102.01	48.830724	-86.930836	56088.98	56250	-0.04	56088.94	56088.94141	56086.69784	56086.69922	505075.9	5408640.7
T8640.0	505075.9	5408640.8	7288.60010	305.11	102.01	48.830724	-86.930837	56088.90	56250	-0.03	56088.87	56088.87109	56084.97588	56084.97656	505075.9	5408640.8
T8640.0	505075.9	5408640.8	7288.70020	305.31	97.36	48.830724	-86.930837	56088.95	56250	-0.03	56088.92	56088.92188	56086.03515	56086.03516	505075.9	5408640.8
T8640.0	505075.8	5408640.8	7288.79981	306.70	97.73	48.830724	-86.930838	56088.86	56250	-0.03	56088.83	56088.82813	56083.81488	56083.81641	505075.8	5408640.8
T8640.0	505075.8	5408640.8	7288.89990	305.83	97.73	48.830724	-86.930838	56088.90	56250	-0.02	56088.88	56088.87891	56084.85716	56084.85547	505075.8	5408640.8
T8640.0	505075.7	5408640.8	7289.00000	306.29	97.11	48.830724	-86.930839	56088.87	56250	-0.02	56088.85	56088.85156	56083.99363	56083.99219	505075.7	5408640.8

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
T8640.0	505075.7	5408640.8	7289.10010	305.40	98.72	48.830724	-86.930840	56088.90	56250	-0.02	56088.88	56088.87891	56084.55120	56084.55078	505075.7	5408640.8
T8640.0	505075.6	5408640.8	7289.20020	306.74	98.72	48.830724	-86.930840	56088.90	56250	-0.02	56088.88	56088.87891	56084.37293	56084.37109	505075.6	5408640.8
T8640.0	505075.6	5408640.8	7289.29981	306.80	101	48.830724	-86.930841	56088.90	56250	-0.02	56088.88	56088.87891	56084.17996	56084.17969	505075.6	5408640.8
T8640.0	505075.6	5408640.8	7289.39990	305.05	101	48.830724	-86.930841	56088.90	56250	-0.02	56088.88	56088.87891	56083.97872	56083.98047	505075.6	5408640.8
T8640.0	505075.5	5408640.8	7289.50000	307.32	100.32	48.830724	-86.930842	56088.95	56250	-0.02	56088.93	56088.92969	56085.05984	56085.05859	505075.5	5408640.8
T8640.0	505075.5	5408640.8	7289.60010	308.97	100.32	48.830725	-86.930842	56088.90	56250	-0.03	56088.88	56088.87891	56083.57783	56083.57813	505075.5	5408640.8
T8640.0	505075.4	5408640.8	7289.70020	307.67	99.91	48.830725	-86.930843	56088.95	56250	-0.03	56088.93	56088.92969	56084.69074	56084.69141	505075.4	5408640.8
T8640.0	505075.4	5408640.8	7289.79981	305.99	99.49	48.830725	-86.930844	56088.93	56250	-0.03	56088.90	56088.89844	56083.74899	56083.75000	505075.4	5408640.8
T8640.0	505075.3	5408640.8	7289.89990	307.26	99.49	48.830725	-86.930844	56088.92	56250	-0.03	56088.89	56088.89063	56083.35490	56083.35547	505075.3	5408640.8
T8640.0	505075.3	5408640.8	7290.00000	306.98	100.05	48.830725	-86.930844	56088.98	56250	-0.03	56088.95	56088.94922	56084.76086	56084.76172	505075.3	5408640.8
T8640.0	505075.3	5408640.8	7290.10010	307.35	99.96	48.830725	-86.930845	56089.00	56250	-0.03	56088.98	56088.98047	56085.39652	56085.39844	505075.3	5408640.8
T8640.0	505075.2	5408640.8	7290.20020	308.11	99.96	48.830725	-86.930846	56088.98	56250	-0.03	56088.95	56088.94922	56084.59070	56084.58984	505075.2	5408640.8
T8640.0	505075.2	5408640.8	7290.29981	307.52	99.74	48.830725	-86.930846	56089.03	56250	-0.02	56089.00	56089.00000	56085.69994	56085.69922	505075.2	5408640.8
T8640.0	505075.2	5408640.8	7290.39990	307.10	98.24	48.830724	-86.930846	56089.00	56250	-0.02	56088.98	56088.98047	56085.20874	56085.20703	505075.2	5408640.8
T8640.0	505075.2	5408640.8	7290.50000	306.82	98.24	48.830724	-86.930847	56089.03	56250	-0.02	56089.01	56089.01172	56085.83470	56085.83594	505075.2	5408640.8
T8640.0	505075.1	5408640.8	7290.60010	306.12	98.59	48.830724	-86.930847	56089.05	56250	-0.02	56089.03	56089.03125	56086.22811	56086.22656	505075.1	5408640.8
T8640.0	505075.1	5408640.8	7290.70020	304.03	98.59	48.830724	-86.930848	56089.00	56250	-0.02	56088.99	56088.98828	56085.48251	56085.48438	505075.1	5408640.8
T8640.0	505075.1	5408640.8	7290.79981	302.35	99.57	48.830724	-86.930848	56089.06	56250	-0.01	56089.04	56089.03906	56086.43814	56086.43750	505075.1	5408640.8
T8640.0	505075.0	5408640.8	7290.89990	304.10	96.85	48.830724	-86.930849	56089.06	56250	-0.01	56089.04	56089.03906	56086.48259	56086.48438	505075.0	5408640.8
T8640.0	505075.0	5408640.8	7291.00000	302.82	96.85	48.830724	-86.930849	56089.08	56250	-0.01	56089.07	56089.07031	56087.01035	56087.01172	505075.0	5408640.8
T8640.0	505075.0	5408640.8	7291.10010	301.71	96.35	48.830724	-86.930849	56089.08	56250	-0.01	56089.07	56089.07031	56087.06318	56087.06250	505075.0	5408640.8
T8640.0	505074.9	5408640.8	7291.20020	300.60	95.15	48.830724	-86.930850	56089.06	56250	-0.01	56089.04	56089.03906	56086.73207	56086.73047	505074.9	5408640.8
T8640.0	505074.9	5408640.8	7291.29981	298.90	96.46	48.830724	-86.930851	56089.07	56250	-0.02	56089.06	56089.05859	56087.08626	56087.08594	505074.9	5408640.8
T8640.0	505074.8	5408640.8	7291.39990	297.97	96.46	48.830724	-86.930852	56089.06	56250	-0.02	56089.04	56089.03906	56086.95073	56086.94922	505074.8	5408640.8
T8640.0	505074.8	5408640.8	7291.50000	297.42	97.02	48.830724	-86.930852	56089.08	56250	-0.02	56089.06	56089.05859	56087.27614	56087.27734	505074.8	5408640.8
T8640.0	505074.8	5408640.8	7291.60010	295.41	96.99	48.830724	-86.930852	56089.08	56250	-0.02	56089.06	56089.05859	56087.36958	56087.37109	505074.8	5408640.8
T8640.0	505074.7	5408640.8	7291.70020	296.29	96.99	48.830724	-86.930853	56089.11	56250	-0.02	56089.08	56089.07813	56087.64402	56087.64453	505074.7	5408640.8
T8640.0	505074.6	5408640.8	7291.79981	298.17	95.72	48.830724	-86.930854	56089.10	56250	-0.03	56089.07	56089.07031	56087.62270	56087.62109	505074.6	5408640.8
T8640.0	505074.6	5408640.8	7291.89990	298.56	95.75	48.830724	-86.930854	56089.13	56250	-0.03	56089.11	56089.10938	56088.01963	56088.01953	505074.6	5408640.8
T8640.0	505074.6	5408640.8	7292.00000	299.53	95.75	48.830724	-86.930855	56089.11	56250	-0.03	56089.08	56089.07813	56087.81094	56087.81250	505074.6	5408640.8
T8640.0	505074.5	5408640.8	7292.10010	299.75	96.57	48.830724	-86.930856	56089.13	56250	-0.03	56089.10	56089.10156	56087.99909	56088.00000	505074.5	5408640.8
T8640.0	505074.5	5408640.8	7292.20020	300.09	96.57	48.830724	-86.930856	56089.11	56250	-0.03	56089.07	56089.07031	56087.78396	56087.78516	505074.5	5408640.8
T8640.0	505074.5	5408640.8	7292.29981	300.29	96.86	48.830725	-86.930856	56089.13	56250	-0.04	56089.09	56089.08984	56087.94610	56087.94531	505074.5	5408640.8
T8640.0	505074.4	5408640.8	7292.39990	300.55	96.92	48.830725	-86.930857	56089.11	56250	-0.04	56089.07	56089.07031	56087.79449	56087.79297	505074.4	5408640.8
T8640.0	505074.4	5408640.9	7292.50000	301.53	96.18	48.830725	-86.930857	56089.18	56250	-0.04	56089.14	56089.14063	56088.31931	56088.32031	505074.4	5408640.9
T8640.0	505074.3	5408640.9	7292.60010	300.61	95.89	48.830725	-86.930858	56089.11	56250	-0.04	56089.06	56089.05859	56087.70339	56087.70313	505074.3	5408640.9
T8640.0	505074.3	5408640.9	7292.70020	302.21	95.89	48.830725	-86.930858	56089.16	56250	-0.04	56089.12	56089.12109	56088.14918	56088.14844	505074.3	5408640.9
T8640.0	505074.3	5408640.9	7292.79981	299.56	95.89	48.830725	-86.930859	56089.13	56250	-0.05	56089.09	56089.08984	56087.91389	56087.91406	505074.3	5408640.9
T8640.0	505074.3	5408640.9	7292.89990	298.77	95.73	48.830725	-86.930859	56089.15	56250	-0.05	56089.10	56089.10156	56087.98807	56087.98828	505074.3	5408640.9
T8640.0	505074.2	5408640.9	7293.00000	299.76	96.57	48.830726	-86.930860	56089.16	56250.1	-0.05	56089.11	56089.10938	56088.07032	56088.07031	505074.2	5408640.9
T8640.0	505074.2	5408640.9	7293.10010	300.59	96.57	48.830726	-86.930860	56089.11	56250.1	-0.05	56089.06	56089.05859	56087.73147	56087.73047	505074.2	5408640.9
T8640.0	505074.1	5408641.0	7293.20020	301.67	96.8	48.830726	-86.930861	56089.11	56250.1	-0.05	56089.06	56089.05859	56088.51562	56088.51563	505074.1	5408641.0
T8640.0	505074.1	5408641.0	7293.29981	300.03	96.8	48.830726	-86.930861	56089.13	56250.1	-0.05	56089.08	56089.07813	56087.07183	56087.07031	505074.1	5408641.0
T8640.0	505074.0	5408641.0	7293.50000	300.25	96.26	48.830726	-86.930862	56089.15	56250.1	-0.05	56089.10	56089.10156	56090.06484	56090.06641	505074.0	5408641.0
T8640.0	505074.0	5408641.0	7293.50000	299.24	96.02	48.830726	-86.930863	56089.11	56250.1	-0.05	56089.06	56089.05859	56086.23135	56086.23047	505074.0	5408641.0
T8640.0	505073.9	5408641.0	7293.60010	300.17	96.02	48.830727	-86.930864	56089.16	56250.1	-0.05	56089.11	56089.10938	56089.19969	56089.19922	505073.9	5408641.0
T8640.0	505073.9	5408641.1	7293.70020	297.95	96.1	48.830727	-86.930864	56089.16	56250.1	-0.05	56089.11	56089.10938	56089.16491	56089.16406	505073.9	5408641.1
T8640.0	505073.9	5408641.1	7293.79981	298.88	96.1	48.830727	-86.930864	56089.13	56250.1	-0.05	56089.08	56089.07813	56086.82197	56086.82031	505073.9	5408641.1
T8640.0	505073.8	5408641.1	7293.89990	298.25	94.57	48.830727	-86.930865	56089.23	56250.1	-0.05	56089.18	56089.17969	56089.97322	56089.97266	505073.8	5408641.1
T8640.0	505073.8	5408641.1	7294.00000	296.71	90.91	48.830727	-86.930866	56089.20	56250.1	-0.05	56089.15	56089.14844	56088.79356	56088.79297	505073.8	5408641.1
T8640.0	505073.7	5408641.1	7294.10010	297.61	90.91	48.830727	-86.930866	56089.18	56250	-0.05	56089.13	56089.12891	56088.03897	56088.03906	505073.7	5408641.1
T8640.0	505073.7	5408641.1	7294.20020	297.23	89.22	48.830727	-86.930867	56089.23	56250	-0.05	56089.19	56089.19141	56089.87508	56089.87500	505073.7	5408641.1
T8640.0	505073.6	5408641.1	7294.29981	295.80	88.98	48.830727	-86.930868	56089.18	56250	-0.04	56089.14	56089.14063	56088.48714	56088.48828	505073.6	5408641.1
T8640.0	505073.6	5408641.1	7294.39990	294.92	88.98	48.830727	-86.930869	56089.22	56250	-0.04	56089.18	56089.17969	56089.18000	56089.17969	505073.6	5408641.1
T8640.0	505073.6	5408641.1	7294.50000	295.63	88.96	48.830727	-86.930869	56089.21	56250	-0.04	56089.17	56089.17188	56089.17000	56089.17188	505073.6	5408641.1
T8640.0	505073.5	5408641.2	7294.60010	295.87	88.96	48.830728	-86.930869	56089.26	56250	-0.04	56089.22	56089.21875	56089.32471	56089.32422	505073.5	5408641.2
T8640.0	505073.4	5408641.2	7294.70020	297.17	89.53	48.830728	-86.930870	56089.26	56250	-0.04	56089.22	56089.21875	56089.39167	56089.39063	505073.4	5408641.2
T8640.0	505073.4	5408641.2	7294.79981	297.88	93.39	48.830728	-86.930871	56089.30	56250	-0.03	56089.27	56089.26953	56089.48482	56089.48438	505073.4	5408641.2
T8640.0	505073.3	5408641.2	7294.89990	298.50	93.39	48.830728	-86.930871	56089.23	56250	-0.03	56089.20	56089.19922	56089.50918	56089.50781	505073.3	5408641.2
T8640.0	505073.3	5408641.2	7295.00000	296.54	93.45	48.830728	-86.930871	56089.26	56250	-0.03	56089.23	56089.23047	56089.58257	56089.58203	505073.3	5408641.2
T8640.0	505073.3	5408641.2	7295.10010	296.47	93.45	48.830728	-86.930872	56089.26	56250	-0.03	56089.23	56089.23047	56089.64323	56089.64453	505073.3	5408641.2
T8640.0	505073.2	5408641.2	7295.20020	295.22	88.47	48.830728	-86.930873	56089.28	56250	-0.04	56089.25	56089.25000	56089.70682	56089.70703	505073.2	5408641.2
T8640.0	505073.2	5408641.2	7295.29981	296.25	87.87	48.830728	-86.930874	56089.27	56250	-0.04	56089.23	56089.23047	56089.76510	56089.76563	505073.2	5408641.2
T8640.0	505073.1	5408641.2	7295.39990	296.40	87.87	48.830728	-86.930874	56089.34	56250	-0.04	56089.29	56089.28906	56089.82470	56089.82422	505073.1	5408641.2
T8640.0	505073.1	5408641.2	7295.50000	296.16	90.15	48.830728	-86.930874	56089.28	56250	-0.04	56089.24	56089.23828	56089.88635	56089.88672	505073.1	5408641.2
T8640.0	505073.1	5408641.2	7295.60010	297.79	87.72	48.830728	-86.930875	56089.28	56250	-0.05	56089.23	56089.23047	56089.95450	56089.95313	505073.1	5408641.2
T8640.0	505073.1	5408641.2	7295.70020	298.00	87.72	48.830728	-86.930875	56089.38	56250.1	-0.05	56089.33	56089.32813	56090.00100	56090.00000	505073.1	5408641.2
T8640.0	505073.1	5408641.2	7295.79981	297.87	86.57	48.830728	-86.930875	56089.41	56250.1	-0.05	56089.35	56089.35156	56090.05853	56090.05859	505073.1	5408641.2
T8640.0	505073.0	5408641.3	7295.89990	297.19	86.57	48.830728	-86.930876	56089.38	56250.1	-0.06	56089.33	56089.32813	56090.12259	56090.12109	505073.0	5408641.3
T8640.0	505072.9	5408641.3	7296.00000	297.55	86.81	48.830728	-86.930877	56089.38	56250.1	-0.06	56089.32	56089.32031	56090.18196	56090.18359	505072.9	5408641.3
T8640.0	505072.9	5408641.3	7296.10010	296.10	86.57	48.830728	-86.930877	56089.38	56250.1	-0.06	56089.32	56089.32031	56090.24215	56090.24219	505072.9	5408641.3
T8640.0	505072.9	5408641.3	7296.20020	295.12	86.57	48.830729	-86.930878	56089.43	56250.1	-0.06	56089.37	56089.37109	56090.27287	56090.27344	505072.9	5408641.3
T8640.0	505072.9	5408641.3	7296.29981	293.90	86.18	48.830729	-86.930878	56089.41	56250.1	-0.06	56089.34	56089.33984	56090.35871	56090.35938	505072.9	5408641.3
T8640.0	505072.8	5408641.3	7296.39990	294.63	86.18	48.830729	-86.930879	56089.48	56250.1	-0.06	56089.41	56089.41016	56090.36786	56090.36719	505072.8	5408641.3
T8640.0	505072.8	5408641.3	7296.50000	294.81	85.98	48.830729	-86.930879	56089.43	56250.1	-0.07	56089.37	56089.37109	56090.46385	56090.46484	505072.8	5408641.3
T8640.0	505072.7	5408641.3	7296.60010	295.42	90.56	48.830729	-86.930880	56089.48	56250.1	-0.07	56089.41	56089.41016	56090.49372	56090.49219	505072.7	5408641.3
T8640.0	505072.7	5408641.3	7296.70020	294.84	92.14	48.830729	-86.930880	56089.50	56250.1	-0.07	56089.44	56089.44141	56090.53406	56090.53516	505072.7	5408641.3
T8640.0	505072.6	5408641.3	7296.79981	294.29	92.14	48.830729	-86.930881	56089.54	56250.1	-0.07	56089.47	56089.46875	56090.56369	56090.56250	505072.6	5408641.3
T8640.0	505072.6	5408641.3	7296.89990	293.63	91.76	48.830729	-86.930882	56089.56	56250.1	-0.07	56089.49	56089.48828	56090.60211	56090.60156	505072.6	5408641.3
T8640.0	505072.6	5408641.3	7297.00000	295.20	91.76	48.830729	-86.930882	56089.56	56250.1	-0.07	56089.49	56089.48828	56090.62408	56090.62500	505072.6	5408641.3
T8640.0	505072.5	5408641.3	7297.10010	295.51	88.56	48.830729	-86.930883	56089.59	56250.1	-0.07	56089.52	56089.51953	56090.66668	56090.66797	505072.5	5408641.3
T8640.0	505072.5	5408641.3	7297.20020	295.11	88.56	48.830729	-86.930883	56089.64	56250.1	-0.07	56089.57	56089.57031	56090.72330	56090.72266	505072.5	5408641.3
T8640.0	505072.5	5408641.3	7297.29981	294.63	85.61	48.830728	-86.930883	56089.63	56250.1	-0.07	56089.56	56089.55859	56090.73802	56090.73828	505072.5	5408641.3
T8640.0	505072.4	5408641.2	7297.39990	295.07	85.1	48.830728	-86.930884	56089.66	56250.1	-0.07	56089.59	56089.58984	56090.78312	56090.78125	505072.4	5408641.2
T8640.0	505072.4	5408641.2	7297.50000	296.25	85.1	48.830728	-86.930884	56089.71	56250.1	-0.07	56089.64	56089.64063	56090.84490	56090.84375	505072.4	5408641.2
T8640.0	505072.4	5408641.2	7297.60010	297.70	84.68	48.830728	-86.930885	56089.73	56250.1	-0.07	56089.66	56089.66016	56090.88889	56090.89063	505072.4	5408641.2
T8640.0	505072.3	5408641.2	7297.70020	297.71	84.52	48.830728	-86.930886	56089.74	56250.1	-0.07	56089.67	56089.67188	56090.93017	56090.92969	505072.3	5408641.2
T8640.0	505072.3	5408641.2	7297.79981	295.79	83.59	48.830728	-86.930886	56089.81	56250.1	-0.07	56089.74	56089.73828	56091.01757	56091.01563	505072.3	5408641.2
T8640.0	505072.3	5408641.2	7297.89990	294.05	83.59	48.830728	-86.930886	56089.87	56250.1	-0.07	56089.80	56089.80078	56091.10290	56091.10156	505072.3	5408641.2
T8640.0	505072.2	5408641.2	7298.00000	295.31	81.94	48.830728	-86.930887	56089.86	56250.1	-0.07	56089.79	56089.78906	56091.14679	56091.14844	505072.2	5408641.2
T8640.0	505072.2	5408641.2	7298.10010	295.79	81.94	48.830728	-86.930887	56089.87	56250.1	-0.07	56089.80	56089.80078	56091.20962	56091.21094	505072.2	5408641.2
T8640.0	505072.1	5408641.1	7298.20020	295.50	82.2	48.830727	-86.930888	56089.96	56250.1	-0.07	56089.89	56089.89063	56091.32834	56091.32813	505072.1	5408641.1
T8640.0	505072.1	5408641.1	7298.29981	295.98	82.95	48.830727	-86.930888	56089.93	56250.1	-0.07	56089.86	56089.85938	56091.37472	56091.37500	505072.1	5408641.1

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
T8640.0	505072.1	5408641.1	7298.39990	295.19	82.95	48.830727	-86.930889	56089.96	56250.1	-0.07	56089.89	56089.89063	56091.46301	56091.46484	505072.1	5408641.1
T8640.0	505072.1	5408641.1	7298.50000	294.80	83.95	48.830727	-86.930889	56090.04	56250.1	-0.07	56089.97	56089.96875	56091.58365	56091.58203	505072.1	5408641.1
T8640.0	505072.0	5408641.1	7298.60010	294.69	83.8	48.830727	-86.930889	56090.04	56250.1	-0.07	56089.97	56089.96875	56091.65829	56091.66016	505072.0	5408641.1
T8640.0	505072.0	5408641.1	7298.70020	293.54	83.8	48.830727	-86.930890	56090.06	56250.1	-0.07	56089.99	56089.98828	56091.74496	56091.74609	505072.0	5408641.1
T8640.0	505071.9	5408641.1	7298.79981	292.86	82.82	48.830727	-86.930891	56090.09	56250.1	-0.07	56090.02	56090.01953	56091.83565	56091.83594	505071.9	5408641.1
T8640.0	505071.9	5408641.1	7298.89990	293.26	82.39	48.830727	-86.930891	56090.19	56250.1	-0.07	56090.12	56090.12109	56091.96015	56091.96094	505071.9	5408641.1
T8640.0	505071.9	5408641.0	7299.00000	293.00	82.39	48.830727	-86.930891	56090.14	56250.1	-0.07	56090.07	56090.07031	56092.00078	56092.00000	505071.9	5408641.0
T8640.0	505071.9	5408641.0	7299.10010	293.61	87.94	48.830727	-86.930891	56090.16	56250.1	-0.07	56090.09	56090.08984	56092.07352	56092.07422	505071.9	5408641.0
T8640.0	505071.8	5408641.0	7299.20020	293.78	87.94	48.830726	-86.930892	56090.19	56250.1	-0.07	56090.12	56090.12109	56092.14596	56092.14453	505071.8	5408641.0
T8640.0	505071.8	5408641.0	7299.29981	293.07	83.59	48.830726	-86.930893	56090.30	56250.1	-0.07	56090.23	56090.23047	56092.25267	56092.25391	505071.8	5408641.0
T8640.0	505071.7	5408641.0	7299.39990	291.91	83.02	48.830726	-86.930893	56090.26	56250.1	-0.07	56090.19	56090.19141	56092.28246	56092.28125	505071.7	5408641.0
T8640.0	505071.7	5408641.0	7299.50000	292.94	83.02	48.830726	-86.930894	56090.35	56250.1	-0.07	56090.28	56090.28125	56092.37001	56092.37109	505071.7	5408641.0
T8640.0	505071.7	5408641.0	7299.60010	292.41	81.33	48.830726	-86.930894	56090.32	56250.1	-0.07	56090.25	56090.25000	56092.39981	56092.39844	505071.7	5408641.0
T8640.0	505071.6	5408641.0	7299.70020	293.16	79.94	48.830726	-86.930895	56090.42	56250.1	-0.07	56090.35	56090.35156	56092.49065	56092.49219	505071.6	5408641.0
T8640.0	505071.6	5408641.0	7299.79981	292.19	79.94	48.830726	-86.930895	56090.35	56250.1	-0.07	56090.28	56090.28125	56092.50811	56092.50781	505071.6	5408641.0
T8640.0	505071.5	5408641.0	7299.89990	294.12	80.58	48.830726	-86.930896	56090.46	56250.1	-0.07	56090.39	56090.39063	56092.61205	56092.61328	505071.5	5408641.0
T8640.0	505071.5	5408641.0	7300.00000	293.50	80.58	48.830726	-86.930896	56090.42	56250.1	-0.07	56090.35	56090.35156	56092.66030	56092.66016	505071.5	5408641.0
T8640.0	505071.5	5408641.0	7300.10010	292.86	80.07	48.830726	-86.930897	56090.47	56250.1	-0.07	56090.40	56090.39844	56092.75616	56092.75781	505071.5	5408641.0
T8640.0	505071.4	5408641.0	7300.20020	293.01	80.07	48.830726	-86.930898	56090.49	56250.1	-0.08	56090.42	56090.42188	56092.84774	56092.84766	505071.4	5408641.0
T8640.0	505071.4	5408641.0	7300.29981	294.56	80.54	48.830726	-86.930898	56090.54	56250.1	-0.08	56090.46	56090.46094	56092.95446	56092.95313	505071.4	5408641.0
T8640.0	505071.3	5408641.0	7300.39990	294.60	80.54	48.830726	-86.930899	56090.52	56250.1	-0.08	56090.44	56090.44141	56093.04530	56093.04688	505071.3	5408641.0
T8640.0	505071.3	5408641.0	7300.50000	293.40	82.14	48.830726	-86.930899	56090.59	56250.1	-0.08	56090.51	56090.51172	56093.17312	56093.17188	505071.3	5408641.0
T8640.0	505071.3	5408641.0	7300.60010	293.81	82.14	48.830726	-86.930900	56090.64	56250.1	-0.09	56090.56	56090.55859	56093.29766	56093.29688	505071.3	5408641.0
T8640.0	505071.2	5408641.0	7300.70020	294.60	87.37	48.830726	-86.930900	56090.68	56250.1	-0.09	56090.59	56090.58984	56093.41969	56093.41797	505071.2	5408641.0
T8640.0	505071.2	5408640.9	7300.79981	294.30	87.29	48.830726	-86.930901	56090.70	56250.1	-0.09	56090.60	56090.60156	56093.53974	56093.53906	505071.2	5408640.9
T8640.0	505071.1	5408640.9	7300.89990	292.65	87.29	48.830726	-86.930901	56090.72	56250.1	-0.10	56090.62	56090.62109	56093.66529	56093.66406	505071.1	5408640.9
T8640.0	505071.1	5408640.9	7301.00000	291.83	87.29	48.830726	-86.930901	56090.75	56250.1	-0.10	56090.65	56090.64844	56093.79622	56093.79688	505071.1	5408640.9
T8640.0	505071.1	5408640.9	7301.10010	291.02	81.28	48.830726	-86.930902	56090.78	56250.1	-0.10	56090.68	56090.67969	56093.92997	56093.92969	505071.1	5408640.9
T8640.0	505071.0	5408640.9	7301.20020	289.12	81.28	48.830726	-86.930903	56090.80	56250.1	-0.10	56090.70	56090.69922	56094.06611	56094.06641	505071.0	5408640.9
T8640.0	505071.0	5408640.9	7301.29981	289.92	78.96	48.830726	-86.930903	56090.88	56250.1	-0.10	56090.78	56090.78125	56094.21671	56094.21484	505071.0	5408640.9
T8640.0	505071.0	5408640.9	7301.39990	288.37	78.96	48.830726	-86.930903	56090.88	56250.1	-0.10	56090.78	56090.78125	56094.35927	56094.35938	505071.0	5408640.9
T8640.0	505071.0	5408640.9	7301.50000	286.93	78.67	48.830725	-86.930904	56090.93	56250.1	-0.10	56090.83	56090.82813	56094.50775	56094.50781	505071.0	5408640.9
T8640.0	505070.9	5408640.9	7301.60010	286.95	78.67	48.830725	-86.930904	56090.95	56250.1	-0.09	56090.85	56090.85156	56094.65111	56094.65234	505070.9	5408640.9
T8640.0	505070.9	5408640.9	7301.70020	289.08	79.96	48.830725	-86.930904	56090.95	56250.1	-0.09	56090.85	56090.85156	56094.79028	56094.78906	505070.9	5408640.9
T8640.0	505070.9	5408640.9	7301.79981	289.48	79.96	48.830725	-86.930905	56091.05	56250.1	-0.09	56090.96	56090.96094	56094.92483	56094.92578	505070.9	5408640.9
T8640.0	505070.8	5408640.9	7301.89990	291.43	78.19	48.830725	-86.930906	56091.08	56250.1	-0.09	56090.99	56090.98828	56095.05140	56095.05078	505070.8	5408640.9
T8640.0	505070.8	5408640.9	7302.00000	291.72	77.85	48.830725	-86.930906	56091.08	56250.1	-0.09	56090.99	56090.98828	56095.17313	56095.17188	505070.8	5408640.9
T8640.0	505070.7	5408640.9	7302.10010	294.77	77.85	48.830725	-86.930907	56091.20	56250.1	-0.09	56091.11	56091.10938	56095.28003	56095.28125	505070.7	5408640.9
T8640.0	505070.7	5408640.9	7302.20020	292.58	78.18	48.830725	-86.930907	56091.16	56250.1	-0.10	56091.06	56091.05859	56095.39158	56095.39063	505070.7	5408640.9
T8640.0	505070.7	5408640.9	7302.29981	291.80	80.08	48.830725	-86.930907	56091.18	56250.1	-0.10	56091.08	56091.07813	56095.49130	56095.49219	505070.7	5408640.9
T8640.0	505070.6	5408640.9	7302.39990	291.43	80.08	48.830725	-86.930908	56091.18	56250.1	-0.10	56091.08	56091.07813	56095.58653	56095.58594	505070.6	5408640.9
T8640.0	505070.6	5408640.9	7302.50000	290.01	84.23	48.830725	-86.930909	56091.31	56250.1	-0.10	56091.20	56091.19922	56095.65817	56095.65625	505070.6	5408640.9
T8640.0	505070.5	5408640.9	7302.60010	288.94	85.45	48.830725	-86.930910	56091.36	56250.1	-0.11	56091.25	56091.25000	56095.73104	56095.73047	505070.5	5408640.9
T8640.0	505070.5	5408640.9	7302.70020	287.37	85.45	48.830725	-86.930910	56091.38	56250.1	-0.11	56091.27	56091.26953	56095.80324	56095.80469	505070.5	5408640.9
T8640.0	505070.5	5408640.9	7302.79981	288.82	84.82	48.830725	-86.930911	56091.38	56250.1	-0.11	56091.26	56091.26172	56095.87689	56095.87500	505070.5	5408640.9
T8640.0	505070.4	5408640.9	7302.89990	288.41	84.94	48.830725	-86.930912	56091.38	56250.1	-0.12	56091.26	56091.26172	56095.94749	56095.94922	505070.4	5408640.9
T8640.0	505070.4	5408640.9	7303.00000	287.99	84.94	48.830725	-86.930912	56091.48	56250.1	-0.12	56091.36	56091.35938	56096.00062	56096.00000	505070.4	5408640.9
T8640.0	505070.3	5408640.9	7303.10010	287.61	84.94	48.830725	-86.930913	56091.51	56250.1	-0.12	56091.39	56091.39063	56096.06417	56096.06250	505070.3	5408640.9
T8640.0	505070.3	5408640.9	7303.20020	288.88	84.78	48.830725	-86.930913	56091.51	56250.1	-0.12	56091.39	56091.39063	56096.13008	56096.12891	505070.3	5408640.9
T8640.0	505070.2	5408640.9	7303.29981	290.54	84.33	48.830725	-86.930914	56091.56	56250.1	-0.12	56091.44	56091.44141	56096.18178	56096.18359	505070.2	5408640.9
T8640.0	505070.2	5408640.9	7303.39990	289.99	84.33	48.830725	-86.930915	56091.58	56250.1	-0.12	56091.47	56091.46875	56096.23112	56096.23047	505070.2	5408640.9
T8640.0	505070.2	5408640.9	7303.50000	290.44	84.37	48.830725	-86.930915	56091.58	56250.1	-0.12	56091.47	56091.46875	56096.27966	56096.28125	505070.2	5408640.9
T8640.0	505070.1	5408640.9	7303.60010	292.27	84.37	48.830725	-86.930916	56091.63	56250.1	-0.11	56091.51	56091.51172	56096.31435	56096.31250	505070.1	5408640.9
T8640.0	505070.1	5408640.9	7303.70020	290.44	83.53	48.830725	-86.930916	56091.68	56250.1	-0.11	56091.57	56091.57031	56096.34034	56096.33984	505070.1	5408640.9
T8640.0	505070.0	5408640.9	7303.79981	288.50	83.53	48.830725	-86.930917	56091.71	56250.1	-0.11	56091.60	56091.60156	56096.36894	56096.36719	505070.0	5408640.9
T8640.0	505070.0	5408640.9	7303.89990	288.11	83.56	48.830725	-86.930917	56091.76	56250.1	-0.11	56091.65	56091.64844	56096.39109	56096.39063	505070.0	5408640.9
T8640.0	505070.0	5408640.9	7304.00000	287.04	83.62	48.830725	-86.930917	56091.81	56250.1	-0.11	56091.70	56091.69922	56096.41332	56096.41406	505070.0	5408640.9
T8640.0	505069.9	5408640.9	7304.10010	288.02	83.62	48.830725	-86.930918	56091.79	56250.1	-0.11	56091.68	56091.67969	56096.45076	56096.44922	505069.9	5408640.9
T8640.0	505069.9	5408640.9	7304.20020	287.87	83.91	48.830725	-86.930918	56091.86	56250.1	-0.11	56091.75	56091.75000	56096.47539	56096.47656	505069.9	5408640.9
T8640.0	505069.9	5408640.9	7304.29981	288.22	83.91	48.830725	-86.930919	56091.86	56250.1	-0.11	56091.75	56091.75000	56096.52189	56096.52344	505069.9	5408640.9
T8640.0	505069.8	5408640.9	7304.39990	287.86	83.74	48.830725	-86.930920	56091.94	56250.1	-0.11	56091.83	56091.82813	56096.55815	56096.55859	505069.8	5408640.9
T8640.0	505069.8	5408640.9	7304.50000	289.88	83.74	48.830725	-86.930920	56091.90	56250.1	-0.11	56091.79	56091.78906	56096.62201	56096.62109	505069.8	5408640.9
T8640.0	505069.8	5408640.9	7304.60010	290.90	83.57	48.830725	-86.930920	56091.98	56250.1	-0.11	56091.87	56091.87109	56096.66246	56096.66406	505069.8	5408640.9
T8640.0	505069.7	5408640.9	7304.70020	290.48	82.99	48.830725	-86.930921	56091.96	56250.1	-0.11	56091.85	56091.85156	56096.72205	56096.72266	505069.7	5408640.9
T8640.0	505069.7	5408640.9	7304.79981	290.31	82.99	48.830726	-86.930921	56092.04	56250.1	-0.11	56091.93	56091.92969	56096.75631	56096.75781	505069.7	5408640.9
T8640.0	505069.6	5408640.9	7304.89990	288.03	82.55	48.830726	-86.930922	56092.06	56250.1	-0.11	56091.95	56091.94922	56096.80199	56096.80078	505069.6	5408640.9
T8640.0	505069.6	5408640.9	7305.00000	289.14	81.07	48.830726	-86.930923	56092.11	56250.1	-0.11	56092.00	56092.00000	56096.84484	56096.84375	505069.6	5408640.9
T8640.0	505069.6	5408640.9	7305.10010	288.84	80.07	48.830726	-86.930923	56092.09	56250.1	-0.11	56091.98	56091.98047	56096.91004	56096.91016	505069.6	5408640.9
T8640.0	505069.5	5408640.9	7305.20020	288.81	80.07	48.830726	-86.930923	56092.22	56250.1	-0.12	56092.10	56092.10156	56096.95498	56096.95313	505069.5	5408640.9
T8640.0	505069.5	5408640.9	7305.29981	288.30	82.09	48.830726	-86.930924	56092.17	56250.1	-0.12	56092.05	56092.05078	56097.05166	56097.05078	505069.5	5408640.9
T8640.0	505069.4	5408640.9	7305.39990	285.60	82.09	48.830726	-86.930925	56092.23	56250.1	-0.12	56092.11	56092.10938	56097.13923	56097.14063	505069.4	5408640.9
T8640.0	505069.4	5408640.9	7305.50000	286.13	82.02	48.830726	-86.930925	56092.27	56250.1	-0.13	56092.14	56092.14063	56097.25185	56097.25000	505069.4	5408640.9
T8640.0	505069.4	5408640.9	7305.60010	285.79	82.02	48.830726	-86.930925	56092.32	56250.1	-0.13	56092.19	56092.19141	56097.37674	56097.37500	505069.4	5408640.9
T8640.0	505069.4	5408641.0	7305.70020	285.81	81.81	48.830726	-86.930926	56092.34	56250.1	-0.13	56092.21	56092.21094	56097.52711	56097.52734	505069.4	5408641.0
T8640.0	505069.3	5408641.0	7305.79981	286.42	81.67	48.830726	-86.930926	56092.39	56250.1	-0.13	56092.25	56092.25000	56097.57587	56097.57422	505069.3	5408641.0
T8640.0	505069.3	5408641.0	7305.89990	288.32	81.48	48.830726	-86.930927	56092.42	56250.1	-0.14	56092.28	56092.28125	56097.74714	56097.74609	505069.3	5408641.0
T8640.0	505069.2	5408641.0	7306.00000	287.90	81.48	48.830726	-86.930927	56092.44	56250.1	-0.14	56092.30	56092.30078	56097.92875	56097.92969	505069.2	5408641.0
T8640.0	505069.2	5408641.0	7306.10010	288.56	81.48	48.830726	-86.930928	56092.52	56250.1	-0.14	56092.38	56092.37891	56098.14490	56098.14453	505069.2	5408641.0
T8640.0	505069.2	5408641.0	7306.20020	289.92	77.53	48.830726	-86.930928	56092.44	56250.1	-0.14	56092.30	56092.30078	56098.31148	56098.31250	505069.2	5408641.0
T8640.0	505069.2	5408641.0	7306.29981	288.98	75.31	48.830726	-86.930928	56092.59	56250.1	-0.14	56092.45	56092.44922	56098.56717	56098.56641	505069.2	5408641.0
T8640.0	505069.1	5408641.0	7306.39990	287.84	75.31	48.830726	-86.930929	56092.60	56250.1	-0.14	56092.46	56092.46094	56098.77904	56098.77734	505069.1	5408641.0
T8640.0	505069.1	5408641.0	7306.50000	286.01	74.12	48.830726	-86.930930	56092.63	56250.1	-0.13	56092.49	56092.48828	56099.00108	56099.00000	505069.1	5408641.0
T8640.0	505069.0	5408641.0	7306.60010	284.37	74.64	48.830726	-86.930930	56092.67	56250.1	-0.13	56092.53	56092.53125	56099.22845	56099.22656	505069.0	5408641.0
T8640.0	505069.0	5408641.0	7306.70020	284.01	74.64	48.830726	-86.930931	56092.72	56250.1	-0.13	56092.59	56092.58984	56099.46198	56099.46094	505069.0	5408641.0
T8640.0	505069.0	5408641.0	7306.79981	283.70	76.11	48.830726	-86.930931	56092.72	56250.1	-0.13	56092.59	56092.58984	56099.68020	56099.67969	505069.0	5408641.0
T8640.0	505068.9	5408641.0	7306.89990	283.13	76.79	48.830726	-86.930932	56092.77	56250.1	-0.13	56092.64	56092.64063	56099.90948	56099.91016	505068.9	5408641.0
T8640.0	505068.9	5408641.0	7307.00000	281.95	76.79	48.830726	-86.930932	56092.87	56250.1	-0.13	56092.74	56092.73828	56100.14487	56100.14453	505068.9	5408641.0
T8640.0	505068.9	5408641.0	7307.10010	279.92	77.72	48.830727	-86.930933	56092.88	56250.1	-0.13	56092.75	56092.75000	56100.35578	56100.35547	505068.9	5408641.0
T8640.0	505068.8	5408641.0	7307.20020	279.67	77.72	48.830727	-86.930933	56092.92	56250.1	-0.13	56092.79	56092.78906	56100.56597	56100.56641	505068.8	5408641.0
T8640.0	505068.8	5408641.0	7307.29981	281.40	79.85	48.830727	-86.930933	56092.95	56250.1	-0.13	56092.83	56092.82813	56100.76842	56100.76953	505068.8	5408641.0
T8640.0	505068.7	5408641.1	7307.39990	281.37	79.78	48.830727	-86.930934	56092.97	56250.1	-0.13	56092.84	56092.83984	56100.95666	56100.95703	505068.7	5408641.1
T8640.0	505068.7	5408641.1	7307.50000	281.92	79.78	48.830727	-86.930935	56093.06	56250.1	-0.13	56092.93	56092.92969	56101.14308	56101.14453	505068.7	5408641.1
T8640.0	505068.6	5408641.1	7307.60010	280.25	79.54	48.830727	-86.930936	56093.10	56250.1	-0.12	56092.97	56092.96875	56101.30957	56101.30859	505068.6	5408641.1

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
T8640.0	505068.6	5408641.1	7307.70020	281.06	79.54	48.830727	-86.930936	56093.15	56250.1	-0.12	56093.03	56093.03125	56101.46303	56101.46484	505068.6	5408641.1
T8640.0	505068.5	5408641.1	7307.79981	282.31	79.32	48.830727	-86.930937	56093.16	56250.1	-0.12	56093.03	56093.03125	56101.59313	56101.59375	505068.5	5408641.1
T8640.0	505068.5	5408641.1	7307.89990	280.62	79.32	48.830727	-86.930938	56093.25	56250.1	-0.12	56093.13	56093.12891	56101.71636	56101.71484	505068.5	5408641.1
T8640.0	505068.5	5408641.1	7308.00000	280.93	79.16	48.830727	-86.930938	56093.26	56250.1	-0.12	56093.14	56093.14063	56101.82125	56101.82031	505068.5	5408641.1
T8640.0	505068.4	5408641.1	7308.10010	280.60	79.16	48.830727	-86.930939	56093.30	56250.1	-0.12	56093.18	56093.17969	56101.92095	56101.92188	505068.4	5408641.1
T8640.0	505068.3	5408641.1	7308.20020	280.58	78.79	48.830727	-86.930940	56093.33	56250.1	-0.12	56093.21	56093.21094	56102.01640	56102.01563	505068.3	5408641.1
T8640.0	505068.3	5408641.1	7308.29981	281.57	78.79	48.830727	-86.930941	56093.36	56250.1	-0.12	56093.24	56093.23828	56102.11185	56102.11328	505068.3	5408641.1
T8640.0	505068.2	5408641.1	7308.39990	280.54	78.32	48.830727	-86.930941	56093.43	56250.1	-0.12	56093.31	56093.30859	56102.21286	56102.21094	505068.2	5408641.1
T8640.0	505068.2	5408641.1	7308.50000	281.16	78.18	48.830727	-86.930941	56093.50	56250.1	-0.12	56093.38	56093.37891	56102.32008	56102.32031	505068.2	5408641.1
T8640.0	505068.2	5408641.1	7308.60010	281.81	78.18	48.830728	-86.930942	56093.54	56250.1	-0.12	56093.42	56093.42188	56102.43351	56102.43359	505068.2	5408641.1
T8640.0	505068.2	5408641.1	7308.70020	282.61	77.92	48.830728	-86.930942	56093.61	56250.1	-0.12	56093.49	56093.48828	56102.55487	56102.55469	505068.2	5408641.1
T8640.0	505068.1	5408641.2	7308.79981	282.46	77.92	48.830728	-86.930943	56093.63	56250.1	-0.12	56093.51	56093.51172	56102.68150	56102.67969	505068.1	5408641.2
T8640.0	505068.1	5408641.2	7308.89990	282.66	77.72	48.830728	-86.930943	56093.66	56250.1	-0.12	56093.54	56093.53906	56102.81528	56102.81641	505068.1	5408641.2
T8640.0	505068.0	5408641.2	7309.00000	281.19	77.53	48.830728	-86.930944	56093.73	56250.1	-0.12	56093.61	56093.60938	56102.95551	56102.95703	505068.0	5408641.2
T8640.0	505068.0	5408641.2	7309.10010	280.81	77.53	48.830728	-86.930945	56093.79	56250.1	-0.12	56093.66	56093.66016	56103.09913	56103.09766	505068.0	5408641.2
T8640.0	505067.9	5408641.2	7309.20020	280.15	77.3	48.830728	-86.930945	56093.78	56250.1	-0.12	56093.66	56093.66016	56103.24505	56103.24609	505067.9	5408641.2
T8640.0	505067.9	5408641.2	7309.29981	277.37	77.3	48.830728	-86.930945	56093.91	56250.1	-0.13	56093.78	56093.78125	56103.38797	56103.38672	505067.9	5408641.2
T8640.0	505067.9	5408641.2	7309.39990	277.28	77.18	48.830728	-86.930946	56093.91	56250.1	-0.13	56093.78	56093.78125	56103.53091	56103.53125	505067.9	5408641.2
T8640.0	505067.8	5408641.2	7309.50000	277.28	77.18	48.830728	-86.930947	56094.01	56250.1	-0.13	56093.88	56093.87891	56103.66530	56103.66406	505067.8	5408641.2
T8640.0	505067.8	5408641.2	7309.60010	277.13	76.94	48.830728	-86.930947	56094.04	56250.1	-0.13	56093.91	56093.91016	56103.79593	56103.79688	505067.8	5408641.2
T8640.0	505067.7	5408641.2	7309.70020	277.28	76.69	48.830728	-86.930948	56094.12	56250.1	-0.13	56093.98	56093.98047	56103.91644	56103.91797	505067.7	5408641.2
T8640.0	505067.7	5408641.2	7309.79981	277.92	76.69	48.830728	-86.930948	56094.14	56250.1	-0.14	56094.01	56094.01172	56104.02965	56104.03125	505067.7	5408641.2
T8640.0	505067.7	5408641.2	7309.89990	276.66	76.44	48.830728	-86.930949	56094.21	56250.1	-0.14	56094.08	56094.07813	56104.12875	56104.12891	505067.7	5408641.2
T8640.0	505067.6	5408641.2	7310.00000	275.81	76.44	48.830728	-86.930949	56094.26	56250.1	-0.14	56094.12	56094.12109	56104.21649	56104.21484	505067.6	5408641.2
T8640.0	505067.6	5408641.2	7310.10010	277.75	76.25	48.830728	-86.930949	56094.35	56250.1	-0.14	56094.21	56094.21094	56104.28592	56104.28516	505067.6	5408641.2
T8640.0	505067.6	5408641.2	7310.20020	278.49	76.25	48.830728	-86.930950	56094.42	56250.1	-0.14	56094.28	56094.28125	56104.34225	56104.34375	505067.6	5408641.2
T8640.0	505067.6	5408641.2	7310.29981	277.58	76.03	48.830728	-86.930950	56094.51	56250.1	-0.14	56094.38	56094.37891	56104.38325	56104.38281	505067.6	5408641.2
T8640.0	505067.5	5408641.2	7310.39990	277.71	76.03	48.830728	-86.930951	56094.52	56250.1	-0.14	56094.38	56094.37891	56104.41882	56104.41797	505067.5	5408641.2
T8640.0	505067.5	5408641.2	7310.50000	279.30	75.83	48.830728	-86.930952	56094.62	56250.1	-0.13	56094.49	56094.48828	56104.43557	56104.43750	505067.5	5408641.2
T8640.0	505067.4	5408641.1	7310.60010	278.59	75.69	48.830727	-86.930953	56094.67	56250.1	-0.13	56094.54	56094.53906	56104.44775	56104.44922	505067.4	5408641.1
T8640.0	505067.4	5408641.1	7310.70020	278.73	75.69	48.830727	-86.930953	56094.77	56250.1	-0.13	56094.64	56094.64063	56104.45184	56104.45313	505067.4	5408641.1
T8640.0	505067.4	5408641.1	7310.79981	277.90	75.69	48.830727	-86.930953	56094.82	56250.1	-0.13	56094.69	56094.69141	56104.45665	56104.45703	505067.4	5408641.1
T8640.0	505067.3	5408641.1	7310.89990	279.01	75.43	48.830727	-86.930954	56094.85	56250.1	-0.13	56094.72	56094.71875	56104.46280	56104.46094	505067.3	5408641.1
T8640.0	505067.3	5408641.1	7311.00000	280.16	75.24	48.830727	-86.930954	56094.96	56250.1	-0.13	56094.83	56094.82813	56104.46934	56104.46875	505067.3	5408641.1
T8640.0	505067.2	5408641.1	7311.10010	280.56	75.24	48.830727	-86.930955	56095.00	56250.1	-0.13	56094.87	56094.87109	56104.48496	56104.48438	505067.2	5408641.1
T8640.0	505067.2	5408641.1	7311.20020	281.56	75.22	48.830727	-86.930955	56095.10	56250.1	-0.13	56094.97	56094.96875	56104.50766	56104.50781	505067.2	5408641.1
T8640.0	505067.2	5408641.1	7311.29981	282.76	75.22	48.830727	-86.930956	56095.13	56250.1	-0.13	56095.00	56095.00000	56104.54321	56104.54297	505067.2	5408641.1
T8640.0	505067.1	5408641.1	7311.39990	283.35	75.11	48.830727	-86.930956	56095.24	56250.1	-0.13	56095.11	56095.10938	56104.58943	56104.58984	505067.1	5408641.1
T8640.0	505067.1	5408641.0	7311.50000	281.39	74.97	48.830727	-86.930957	56095.33	56250.1	-0.13	56095.20	56095.19922	56104.65037	56104.64844	505067.1	5408641.0
T8640.0	505067.1	5408641.0	7311.60010	280.41	74.86	48.830727	-86.930957	56095.38	56250.1	-0.13	56095.25	56095.25000	56104.72678	56104.72656	505067.1	5408641.0
T8640.0	505067.0	5408641.0	7311.70020	280.14	74.86	48.830727	-86.930958	56095.50	56250.1	-0.13	56095.37	56095.37109	56104.81543	56104.81641	505067.0	5408641.0
T8640.0	505067.0	5408641.0	7311.79981	280.79	74.65	48.830727	-86.930958	56095.54	56250.1	-0.13	56095.41	56095.41016	56104.91878	56104.91797	505067.0	5408641.0
T8640.0	505066.9	5408641.0	7311.89990	281.34	74.65	48.830726	-86.930959	56095.50	56250.1	-0.13	56095.37	56095.37109	56105.03659	56105.03516	505066.9	5408641.0
T8640.0	505066.9	5408641.0	7312.00000	280.37	74.42	48.830726	-86.930959	56095.58	56250.1	-0.13	56095.45	56095.44922	56105.16054	56105.16016	505066.9	5408641.0
T8640.0	505066.9	5408641.0	7312.10010	278.87	74.42	48.830726	-86.930959	56095.55	56250.1	-0.13	56095.42	56095.42188	56105.29737	56105.29688	505066.9	5408641.0
T8640.0	505066.9	5408641.0	7312.20020	277.96	74.07	48.830726	-86.930960	56095.61	56250.1	-0.13	56095.48	56095.48047	56105.43588	56105.43750	505066.9	5408641.0
T8640.0	505066.8	5408641.0	7312.29981	279.06	73.96	48.830726	-86.930960	56095.57	56250.1	-0.13	56095.44	56095.44141	56105.58338	56105.58203	505066.8	5408641.0
T8640.0	505066.8	5408641.0	7312.39990	278.56	73.96	48.830726	-86.930960	56095.56	56250.1	-0.13	56095.43	56095.42969	56105.73102	56105.73047	505066.8	5408641.0
T8640.0	505066.8	5408641.0	7312.50000	280.15	73.78	48.830726	-86.930961	56095.61	56250.1	-0.13	56095.47	56095.46875	56105.87420	56105.87500	505066.8	5408641.0
T8640.0	505066.8	5408641.0	7312.60010	278.25	73.96	48.830726	-86.930961	56095.60	56250.1	-0.14	56095.47	56095.46875	56106.01702	56106.01563	505066.8	5408641.0
T8640.0	505066.8	5408641.0	7312.70020	275.94	73.96	48.830726	-86.930961	56095.64	56250.1	-0.14	56095.50	56095.50000	56106.15280	56106.15234	505066.8	5408641.0
T8640.0	505066.8	5408641.0	7312.79981	276.20	74.22	48.830726	-86.930961	56095.68	56250.1	-0.14	56095.54	56095.53906	56106.28241	56106.28125	505066.8	5408641.0
T8640.0	505066.7	5408641.0	7312.89990	277.28	74.22	48.830726	-86.930961	56095.66	56250.1	-0.14	56095.52	56095.51953	56106.41236	56106.41406	505066.7	5408641.0
T8640.0	505066.7	5408641.0	7313.00000	276.60	74.03	48.830726	-86.930961	56095.75	56250.1	-0.14	56095.61	56095.60938	56106.52615	56106.52734	505066.7	5408641.0
T8640.0	505066.7	5408641.0	7313.10010	276.78	73.93	48.830726	-86.930961	56095.81	56250.1	-0.14	56095.67	56095.67188	56106.63810	56106.63672	505066.7	5408641.0
T8640.0	505066.7	5408641.0	7313.20020	275.96	73.93	48.830727	-86.930962	56095.83	56250.1	-0.14	56095.69	56095.69141	56106.75050	56106.75000	505066.7	5408641.0
T8640.0	505066.7	5408641.0	7313.29981	277.60	73.93	48.830727	-86.930962	56095.86	56250.1	-0.14	56095.73	56095.73047	56106.85864	56106.85938	505066.7	5408641.0
T8640.0	505066.7	5408641.1	7313.39990	280.04	69.53	48.830727	-86.930963	56095.90	56250.1	-0.14	56095.77	56095.76953	56106.96592	56106.96484	505066.7	5408641.1
T8640.0	505066.7	5408641.1	7313.50000	276.68	74.07	48.830727	-86.930963	56095.98	56250.1	-0.13	56095.85	56095.85156	56107.06920	56107.07031	505066.7	5408641.1
T8640.0	505066.6	5408641.1	7313.60010	277.73	74.07	48.830727	-86.930964	56095.93	56250.1	-0.13	56095.80	56095.80078	56107.19052	56107.19141	505066.6	5408641.1
T8640.0	505066.6	5408641.1	7313.70020	279.89	73.75	48.830727	-86.930964	56096.01	56250.1	-0.13	56095.88	56095.87891	56107.30088	56107.30078	505066.6	5408641.1
T8640.0	505066.4	5408641.1	7313.79981	278.87	73.75	48.830727	-86.930965	56096.02	56250.1	-0.13	56095.88	56095.87891	56107.42790	56107.42969	505066.4	5408641.1
T8640.0	505066.4	5408641.1	7313.89990	279.83	74.22	48.830727	-86.930967	56096.06	56250.1	-0.13	56095.93	56095.92969	56107.55783	56107.55859	505066.4	5408641.1
T8640.0	505066.2	5408641.1	7314.00000	277.60	73.86	48.830727	-86.930969	56096.06	56250.1	-0.13	56095.93	56095.92969	56107.70524	56107.70703	505066.2	5408641.1
T8640.0	505066.1	5408641.1	7314.10010	279.00	73.86	48.830728	-86.930971	56096.23	56250.1	-0.13	56096.10	56096.10156	56107.83983	56107.83984	505066.1	5408641.1
T8640.0	505065.9	5408641.1	7314.20020	279.02	73.99	48.830728	-86.930973	56096.21	56250.1	-0.13	56096.08	56096.07813	56107.36734	56107.36719	505065.9	5408641.1
T8640.0	505065.9	5408641.1	7314.29981	278.68	73.54	48.830728	-86.930973	56096.26	56250.1	-0.13	56096.13	56096.12891	56107.51177	56107.51172	505065.9	5408641.1
T8640.0	505065.6	5408641.1	7314.39990	277.84	73.54	48.830728	-86.930977	56096.37	56250.1	-0.13	56096.23	56096.23047	56107.67253	56107.67188	505065.6	5408641.1
T8640.0	505065.6	5408641.1	7314.50000	277.21	73.81	48.830728	-86.930977	56096.48	56250.1	-0.13	56096.35	56096.35156	56107.83936	56107.83984	505065.6	5408641.1
T8640.0	505065.4	5408641.1	7314.60010	278.02	71.52	48.830727	-86.930980	56096.52	56250.1	-0.14	56096.38	56096.37891	56107.98148	56107.98047	505065.4	5408641.1
T8640.0	505065.2	5408641.1	7314.70020	278.86	71.52	48.830727	-86.930983	56096.68	56250.1	-0.14	56096.54	56096.53906	56108.15223	56108.15234	505065.2	5408641.1
T8640.0	505065.0	5408641.1	7314.79981	278.55	71.12	48.830727	-86.930985	56096.79	56250.1	-0.14	56096.65	56096.64844	56108.30540	56108.30469	505065.0	5408641.1
T8640.0	505064.7	5408641.1	7314.89990	276.83	70.85	48.830727	-86.930989	56096.87	56250.1	-0.14	56096.73	56096.73047	56108.44553	56108.44531	505064.7	5408641.1
T8640.0	505064.7	5408641.1	7315.00000	276.51	70.85	48.830727	-86.930989	56096.97	56250.1	-0.14	56096.83	56096.82813	56108.58363	56108.58203	505064.7	5408641.1
T8640.0	505064.5	5408641.1	7315.10010	275.06	70.16	48.830727	-86.930993	56097.10	56250.1	-0.14	56096.96	56096.96094	56108.72070	56108.71875	505064.5	5408641.1
T8640.0	505064.2	5408641.1	7315.20020	274.86	70.16	48.830727	-86.930996	56097.22	56250.1	-0.14	56097.08	56097.07813	56108.84589	56108.84766	505064.2	5408641.1
T8640.0	505064.0	5408641.1	7315.29981	274.27	69.71	48.830727	-86.930999	56097.30	56250.1	-0.14	56097.16	56097.16016	56108.95118	56108.95313	505064.0	5408641.1
T8640.0	505063.7	5408641.1	7315.39990	274.08	69.71	48.830727	-86.931003	56097.43	56250.1	-0.14	56097.29	56097.28906	56109.05740	56109.05859	505063.7	5408641.1
T8640.0	505063.7	5408641.1	7315.50000	274.38	69.82	48.830727	-86.931003	56097.56	56250.1	-0.14	56097.42	56097.42188	56109.15242	56109.15234	505063.7	5408641.1
T8640.0	505063.3	5408641.1	7315.60010	275.14	69.82	48.830727	-86.931009	56097.65	56250.1	-0.14	56097.51	56097.51172	56109.22598	56109.22656	505063.3	5408641.1
T8640.0	505062.9	5408641.1	7315.70020	276.46	73.53	48.830727	-86.931013	56097.78	56250.1	-0.14	56097.64	56097.64063	56109.29763	56109.29688	505062.9	5408641.1
T8640.0	505062.9	5408641.1	7315.79981	277.14	73.25	48.830727	-86.931013	56097.93	56250.1	-0.14	56097.79	56097.78906	56109.36411	56109.36328	505062.9	5408641.1
T8640.0	505062.6	5408641.0	7315.89990	277.54	72.63	48.830727	-86.931018	56098.04	56250.1	-0.14	56097.90	56097.89844	56109.41234	56109.41406	505062.6	5408641.0
T8640.0	505062.3	5408641.0	7316.00000	279.16	72.63	48.830727	-86.931022	56098.23	56250.1	-0.14	56098.09	56098.08984	56109.47464	56109.47656	505062.3	5408641.0
T8640.0	505061.9	5408641.0	7316.10010	278.89	72.21	48.830726	-86.931027	56098.34	56250.1	-0.14	56098.20	56098.19922	56109.51349	56109.51172	505061.9	5408641.0
T8640.0	505061.6	5408641.0	7316.20020	278.55	72.21	48.830726	-86.931032	56098.48	56250.1	-0.14	56098.34	56098.33984	56109.55836	56109.55859	505061.6	5408641.0
T8640.0	505061.6	5408641.0	7316.29981	278.38	72.03	48.830726	-86.931032	56098.64	56250.1	-0.14	56098.51	56098.51172	56109.61232	56109.61328	505061.6	5408641.0
T8640.0	505061.1	5408641.0	7316.39990	279.57	72.03	48.830726	-86.931038	56098.82	56250.1	-0.14	56098.68	56098.67969	56109.67040	56109.67188	505061.1	5408641.0
T8640.0	505060.6	5408641.0	7316.50000	277.82	71.6	48.830726	-86.931044	56099.00	56250.1	-0.13	56098.86	56098.85938	56110.38871	56110.39063	505060.6	5408641.0
T8640.0	505060.2	5408640.9	7316.60010	277.75	71.6	48.830726	-86.931051	56099.17	56250.1	-0.13	56099.03	56099.03125	56110.45251	56110.45313	505060.2	5408640.9
T8640.0	505059.8	5408640.9	7316.70020	277.47	73.44	48.830726	-86.931056	56099.35	56250.1	-0.13	56099.21	56099.21094	56110.52903	56110.52734	505059.8	5408640.9
T8640.0	505059.8	5408640.9	7316.79981	278.00	74.33	48.830726	-86.931056	56099.50	56250.1	-0.13	56099.36	56099.35938	56110.62439	56110.62500	505059.8	5408640.9
T8640.0	505059.1	5408640.9	7316.89990	279.29	74.33	48.830725	-86.931066	56099.70	56250.1	-0.13	56099.57	56099.57031	56110.72814	56110.72656	505059.1	5408640.9

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
T8640.0	505059.1	5408640.9	7317.00000	279.18	74.47	48.830725	-86.931066	56099.86	56250.1	-0.13	56099.73	56099.73047	56110.85442	56110.85547	505059.1	5408640.9
T8640.0	505058.4	5408640.9	7317.10010	278.84	74.57	48.830725	-86.931075	56100.06	56250.1	-0.13	56099.93	56099.92969	56110.99011	56110.98828	505058.4	5408640.9
T8640.0	505058.0	5408640.9	7317.20020	278.70	74.57	48.830725	-86.931080	56100.26	56250.1	-0.13	56100.13	56100.12891	56111.13706	56111.13672	505058.0	5408640.9
T8640.0	505057.6	5408640.8	7317.29981	280.91	74.67	48.830725	-86.931086	56100.46	56250.1	-0.13	56100.33	56100.32813	56111.29240	56111.29297	505057.6	5408640.8
T8640.0	505057.6	5408640.8	7317.39990	281.37	74.46	48.830725	-86.931086	56100.64	56250.1	-0.13	56100.51	56100.51172	56111.45568	56111.45703	505057.6	5408640.8
T8640.0	505057.0	5408640.8	7317.50000	280.30	74.46	48.830725	-86.931095	56100.89	56250.1	-0.14	56100.76	56100.76172	56111.61164	56111.61328	505057.0	5408640.8
T8640.0	505056.4	5408640.8	7317.60010	279.99	74.24	48.830725	-86.931102	56101.04	56250.1	-0.14	56100.90	56100.89844	56111.78197	56111.78125	505056.4	5408640.8
T8640.0	505055.9	5408640.8	7317.70020	278.21	74.24	48.830725	-86.931110	56101.27	56250.1	-0.14	56101.14	56101.14063	56111.40293	56111.40234	505055.9	5408640.8
T8640.0	505055.9	5408640.8	7317.79981	276.30	74.38	48.830725	-86.931110	56101.44	56250.1	-0.14	56101.30	56101.30078	56111.55475	56111.55469	505055.9	5408640.8
T8640.0	505055.3	5408640.8	7317.89990	275.97	74.24	48.830725	-86.931117	56101.63	56250.1	-0.14	56101.49	56101.48828	56111.71017	56111.71094	505055.3	5408640.8
T8640.0	505054.6	5408640.8	7318.00000	276.73	74.24	48.830725	-86.931127	56101.85	56250.1	-0.14	56101.71	56101.71094	56111.86861	56111.86719	505054.6	5408640.8
T8640.0	505053.9	5408640.8	7318.10010	276.31	74.24	48.830725	-86.931136	56102.11	56250.1	-0.14	56101.97	56101.96875	56112.03226	56112.03125	505053.9	5408640.8
T8640.0	505053.3	5408640.8	7318.20020	277.19	74.67	48.830725	-86.931144	56102.28	56250.1	-0.14	56102.14	56102.14063	56112.16639	56112.16797	505053.3	5408640.8
T8640.0	505053.3	5408640.8	7318.29981	277.21	74.75	48.830725	-86.931144	56102.51	56250.1	-0.14	56102.36	56102.35938	56112.30908	56112.30859	505053.3	5408640.8
T8640.0	505052.8	5408640.8	7318.39990	276.23	74.75	48.830724	-86.931152	56102.76	56250.1	-0.14	56102.62	56102.62109	56112.45811	56112.45703	505052.8	5408640.8
T8640.0	505052.2	5408640.8	7318.50000	274.61	74.64	48.830724	-86.931160	56102.94	56250.1	-0.15	56102.79	56102.78906	56113.04629	56113.04688	505052.2	5408640.8
T8640.0	505051.5	5408640.8	7318.60010	275.19	74.64	48.830724	-86.931170	56103.20	56250.1	-0.15	56103.05	56103.05078	56113.15994	56113.16016	505051.5	5408640.8
T8640.0	505050.8	5408640.8	7318.70020	276.49	70.08	48.830724	-86.931179	56103.40	56250.1	-0.15	56103.25	56103.25000	56113.28014	56113.28125	505050.8	5408640.8
T8640.0	505050.4	5408640.8	7318.79981	277.99	70.08	48.830725	-86.931185	56103.67	56250.1	-0.15	56103.52	56103.51953	56113.38901	56113.39063	505050.4	5408640.8
T8640.0	505050.4	5408640.8	7318.89990	277.97	67.4	48.830725	-86.931185	56103.90	56250.1	-0.15	56103.75	56103.75000	56113.50182	56113.50000	505050.4	5408640.8
T8640.0	505049.6	5408640.8	7319.00000	278.25	67.4	48.830725	-86.931195	56104.16	56250.2	-0.15	56104.01	56104.01172	56113.60983	56113.60938	505049.6	5408640.8
T8640.0	505048.7	5408640.8	7319.10010	278.70	67.71	48.830725	-86.931208	56104.36	56250.2	-0.15	56104.21	56104.21094	56113.72490	56113.72656	505048.7	5408640.8
T8640.0	505047.9	5408640.8	7319.20020	278.75	67.71	48.830725	-86.931218	56104.56	56250.2	-0.15	56104.41	56104.41016	56113.83974	56113.83984	505047.9	5408640.8
T8640.0	505047.3	5408640.8	7319.29981	278.52	62.85	48.830725	-86.931226	56104.88	56250.2	-0.15	56104.73	56104.73047	56113.94224	56113.94141	505047.3	5408640.8
T8640.0	505047.3	5408640.8	7319.39990	279.94	65.15	48.830725	-86.931226	56105.02	56250.2	-0.15	56104.87	56104.87109	56114.06729	56114.06641	505047.3	5408640.8
T8640.0	505046.2	5408640.8	7319.50000	277.23	65.15	48.830725	-86.931241	56105.29	56250.2	-0.15	56105.14	56105.14063	56114.18221	56114.18359	505046.2	5408640.8
T8640.0	505045.5	5408640.8	7319.60010	277.58	66.39	48.830725	-86.931251	56105.57	56250.2	-0.15	56105.42	56105.42188	56114.30194	56114.30078	505045.5	5408640.8
T8640.0	505044.7	5408640.8	7319.70020	279.13	66.39	48.830725	-86.931262	56105.77	56250.2	-0.15	56105.62	56105.62109	56114.43678	56114.43750	505044.7	5408640.8
T8640.0	505044.7	5408640.8	7319.79981	280.68	66.07	48.830725	-86.931262	56106.06	56250.2	-0.15	56105.90	56105.89844	56114.57116	56114.57031	505044.7	5408640.8
T8640.0	505043.7	5408640.8	7319.89990	280.24	66.64	48.830725	-86.931275	56106.28	56250.2	-0.15	56106.13	56106.12891	56114.71749	56114.71875	505043.7	5408640.8
T8640.0	505043.0	5408640.8	7320.00000	277.73	68.48	48.830725	-86.931285	56106.51	56250.2	-0.15	56106.36	56106.35938	56114.87101	56114.87109	505043.0	5408640.8
T8640.0	505043.0	5408640.8	7320.10010	277.61	68.48	48.830725	-86.931285	56106.81	56250.2	-0.15	56106.65	56106.64844	56115.02611	56115.02734	505043.0	5408640.8
T8640.0	505041.9	5408640.8	7320.20020	279.33	65.26	48.830725	-86.931300	56106.99	56250.2	-0.15	56106.83	56106.82813	56115.19804	56115.19922	505041.9	5408640.8
T8640.0	505041.0	5408640.9	7320.29981	279.43	65.26	48.830725	-86.931312	56107.24	56250.2	-0.16	56107.08	56107.07813	56115.37016	56115.37109	505041.0	5408640.9
T8640.0	505040.2	5408640.9	7320.39990	279.19	67.07	48.830725	-86.931322	56107.42	56250.2	-0.16	56107.26	56107.26172	56115.55530	56115.55469	505040.2	5408640.9
T8640.0	505039.2	5408640.9	7320.50000	278.88	68.49	48.830725	-86.931336	56107.79	56250.2	-0.16	56107.63	56107.62891	56115.72767	56115.72656	505039.2	5408640.9
T8640.0	505038.5	5408640.9	7320.60010	279.36	68.49	48.830725	-86.931346	56108.02	56250.2	-0.16	56107.86	56107.85938	56115.91900	56115.91797	505038.5	5408640.9
T8640.0	505037.8	5408640.9	7320.70020	279.82	70.99	48.830725	-86.931356	56108.28	56250.2	-0.16	56108.11	56108.10938	56116.11318	56116.11328	505037.8	5408640.9
T8640.0	505037.8	5408640.9	7320.79981	278.26	73.45	48.830725	-86.931356	56108.48	56250.2	-0.17	56108.31	56108.30859	56116.31733	56116.31641	505037.8	5408640.9
T8640.0	505036.8	5408640.9	7320.89990	277.79	73.45	48.830725	-86.931369	56108.73	56250.2	-0.17	56108.57	56108.57031	56116.51815	56116.51953	505036.8	5408640.9
T8640.0	505036.1	5408640.9	7321.00000	275.48	67.99	48.830725	-86.931379	56109.02	56250.2	-0.17	56108.85	56108.85156	56116.71861	56116.71875	505036.1	5408640.9
T8640.0	505035.2	5408640.9	7321.10010	276.43	64.79	48.830725	-86.931391	56109.32	56250.2	-0.17	56109.15	56109.14844	56116.91723	56116.91797	505035.2	5408640.9
T8640.0	505034.0	5408640.9	7321.20020	276.68	64.79	48.830726	-86.931407	56109.49	56250.2	-0.17	56109.33	56109.32813	56117.13272	56117.13281	505034.0	5408640.9
T8640.0	505033.1	5408640.9	7321.29981	277.37	73.83	48.830726	-86.931420	56109.71	56250.2	-0.16	56109.55	56109.55078	56117.26619	56117.26563	505033.1	5408640.9
T8640.0	505033.1	5408640.9	7321.39990	277.72	73.83	48.830726	-86.931420	56109.92	56250.2	-0.16	56109.76	56109.76172	56117.47528	56117.47656	505033.1	5408640.9
T8640.0	505032.1	5408640.9	7321.50000	278.84	70.97	48.830726	-86.931433	56110.17	56250.2	-0.16	56110.01	56110.01172	56117.69316	56117.69141	505032.1	5408640.9
T8640.0	505031.1	5408640.9	7321.60010	277.80	65.24	48.830726	-86.931447	56110.36	56250.2	-0.16	56110.20	56110.19922	56117.89303	56117.89453	505031.1	5408640.9
T8640.0	505030.0	5408640.9	7321.70020	276.62	65.24	48.830726	-86.931463	56110.63	56250.2	-0.16	56110.47	56110.46875	56118.11025	56118.10938	505030.0	5408640.9
T8640.0	505029.1	5408640.9	7321.79981	278.57	56.43	48.830726	-86.931474	56110.91	56250.2	-0.15	56110.75	56110.75000	56118.32545	56118.32422	505029.1	5408640.9
T8640.0	505029.1	5408640.9	7321.89990	275.70	72.08	48.830726	-86.931474	56111.08	56250.2	-0.15	56110.93	56110.92969	56118.51082	56118.51172	505029.1	5408640.9
T8640.0	505027.9	5408640.9	7322.00000	276.05	72.08	48.830726	-86.931490	56111.34	56250.2	-0.15	56111.19	56111.19141	56118.70986	56118.71094	505027.9	5408640.9
T8640.0	505026.6	5408640.9	7322.10010	275.54	71.66	48.830726	-86.931509	56111.49	56250.2	-0.15	56111.34	56111.33984	56118.87605	56118.87500	505026.6	5408640.9
T8640.0	505026.6	5408640.9	7322.20020	276.87	71.66	48.830726	-86.931509	56111.77	56250.2	-0.15	56111.62	56111.62109	56119.06668	56119.06641	505026.6	5408640.9
T8640.0	505025.4	5408641.0	7322.29981	275.35	56.5	48.830726	-86.931525	56111.95	56250.2	-0.15	56111.79	56111.78906	56119.22429	56119.22266	505025.4	5408641.0
T8640.0	505024.3	5408641.0	7322.39990	275.56	71.41	48.830726	-86.931539	56112.25	56250.2	-0.15	56112.10	56112.10156	56119.40838	56119.41016	505024.3	5408641.0
T8640.0	505023.7	5408641.0	7322.50000	275.98	72.46	48.830726	-86.931548	56112.44	56250.2	-0.15	56112.29	56112.28906	56119.55813	56119.55859	505023.7	5408641.0
T8640.0	505022.6	5408641.0	7322.60010	276.39	72.46	48.830726	-86.931563	56112.66	56250.2	-0.15	56112.51	56112.51172	56119.70991	56119.71094	505022.6	5408641.0
T8640.0	505022.6	5408641.0	7322.70020	276.67	63.98	48.830726	-86.931563	56112.91	56250.2	-0.15	56112.76	56112.76172	56119.86455	56119.86328	505022.6	5408641.0
T8640.0	505021.2	5408641.0	7322.79981	274.54	73.41	48.830726	-86.931582	56113.08	56250.2	-0.15	56112.93	56112.92969	56119.99734	56119.99609	505021.2	5408641.0
T8640.0	505020.2	5408640.9	7322.89990	274.64	73.41	48.830726	-86.931596	56113.28	56250.2	-0.15	56113.13	56113.12891	56120.13618	56120.13672	505020.2	5408640.9
T8640.0	505019.1	5408640.9	7323.00000	274.80	72.97	48.830726	-86.931610	56113.49	56250.2	-0.15	56113.34	56113.33984	56120.27801	56120.27734	505019.1	5408640.9
T8640.0	505017.8	5408640.9	7323.10010	275.27	70.12	48.830726	-86.931628	56113.71	56250.1	-0.15	56113.57	56113.57031	56120.42677	56120.42578	505017.8	5408640.9
T8640.0	505017.8	5408640.9	7323.20020	277.21	70.12	48.830726	-86.931628	56113.94	56250.1	-0.15	56113.79	56113.78906	56120.57660	56120.57813	505017.8	5408640.9
T8640.0	505016.9	5408640.9	7323.29981	276.97	72.19	48.830726	-86.931640	56114.14	56250.1	-0.14	56114.00	56114.00000	56120.72856	56120.73047	505016.9	5408640.9
T8640.0	505016.0	5408640.9	7323.39990	277.35	72.56	48.830726	-86.931652	56114.38	56250.1	-0.14	56114.23	56114.23047	56120.89186	56120.89063	505016.0	5408640.9
T8640.0	505015.0	5408640.9	7323.50000	277.53	72.56	48.830726	-86.931667	56114.53	56250.1	-0.14	56114.39	56114.39063	56121.04583	56121.04688	505015.0	5408640.9
T8640.0	505013.6	5408640.9	7323.60010	278.02	73.83	48.830726	-86.931686	56114.68	56250.1	-0.14	56114.54	56114.53906	56121.20727	56121.20703	505013.6	5408640.9
T8640.0	505013.6	5408640.9	7323.70020	276.99	72.53	48.830726	-86.931686	56114.93	56250.1	-0.14	56114.80	56114.80078	56121.40720	56121.40625	505013.6	5408640.9
T8640.0	505012.6	5408640.9	7323.79981	277.34	72.53	48.830726	-86.931699	56115.13	56250.1	-0.13	56115.00	56115.00000	56121.60424	56121.60547	505012.6	5408640.9
T8640.0	505011.6	5408640.9	7323.89990	278.25	74.16	48.830726	-86.931713	56115.36	56250.1	-0.13	56115.23	56115.23047	56121.81997	56121.82031	505011.6	5408640.9
T8640.0	505010.5	5408640.9	7324.00000	277.72	73.89	48.830726	-86.931728	56115.54	56250.1	-0.13	56115.41	56115.41016	56122.03483	56122.03516	505010.5	5408640.9
T8640.0	505009.4	5408640.9	7324.10010	278.52	64.21	48.830726	-86.931743	56115.76	56250.1	-0.13	56115.63	56115.62891	56122.26830	56122.26953	505009.4	5408640.9
T8640.0	505009.4	5408640.9	7324.20020	271.25	65.24	48.830726	-86.931743	56115.98	56250.1	-0.13	56115.85	56115.85156	56122.50960	56122.50781	505009.4	5408640.9
T8640.0	505008.1	5408640.9	7324.29981	272.67	65.24	48.830726	-86.931760	56116.20	56250.1	-0.13	56116.07	56116.07031	56122.75711	56122.75781	505008.1	5408640.9
T8640.0	505008.1	5408640.9	7324.39990	279.34	70.17	48.830726	-86.931760	56116.39	56250.1	-0.13	56116.26	56116.26172	56123.00347	56123.00391	505008.1	5408640.9
T8640.0	505006.3	5408640.9	7324.50000	278.77	70.85	48.830726	-86.931785	56116.55	56250.1	-0.13	56116.42	56116.42188	56123.24818	56123.25000	505006.3	5408640.9
T8640.0	505005.1	5408640.9	7324.60010	278.28	72.12	48.830726	-86.931801	56116.77	56250.1	-0.13	56116.64	56116.64063	56123.50535	56123.50391	505005.1	5408640.9
T8640.0	505004.0	5408640.9	7324.70020	274.64	72.12	48.830726	-86.931817	56116.93	56250.1	-0.13	56116.80	56116.80078	56123.75311	56123.75391	505004.0	5408640.9
T8640.0	505004.0	5408640.9	7324.79981	274.67	56.35	48.830726	-86.931817	56117.14	56250.1	-0.13	56117.01	56117.01172	56124.00747	56124.00781	505004.0	5408640.9
T8640.0	505002.3	5408640.9	7324.89990	274.31	56.35	48.830726	-86.931840	56117.31	56250.1	-0.13	56117.18	56117.17969	56124.25463	56124.25391	505002.3	5408640.9
T8640.0	505002.3	5408640.9	7325.00000	272.49	57.5	48.830726	-86.931840	56117.48	56250.1	-0.13	56117.35	56117.35156	56124.49957	56124.50000	505002.3	5408640.9
T8640.0	505000.9	5408640.9	7325.10010	270.95	57.43	48.830726	-86.931859	56117.74	56250.1	-0.13	56117.61	56117.60938	56124.75021	56124.75000	505000.9	5408640.9
T8640.0	504999.7	5408640.9	7325.20020	270.46	64.83	48.830726	-86.931875	56117.94	56250.1	-0.13	56117.81	56117.80859	56124.98939	56124.98828	504999.7	5408640.9
T8640.0	504998.6	5408640.9	7325.29981	270.24	64.83	48.830726	-86.931890	56118.09	56250.1	-0.13	56117.96	56117.96094	56125.21889	56125.21875	504998.6	5408640.9
T8640.0	504997.5	5408640.9	7325.39990	270.76	61.34	48.830726	-86.931906	56118.34	56250.1	-0.13	56118.21	56118.21094	56125.44787	56125.44922	504997.5	5408640.9
T8640.0	504997.5	5408640.9	7325.50000	269.42	63.86	48.830726	-86.931906	56118.53	56250.1	-0.13	56118.40	56118.39844	56125.66373	56125.66406	504997.5	5408640.9
T8640.0	504996.3	5408640.9	7325.60010	268.86	63.86	48.830726	-86.931921	56118.70	56250.1	-0.13	56118.57	56118.57031	56125.86875	56125.86719	504996.3	5408640.9
T8640.0	504995.0	5408640.9	7325.70020	271.40	65.6	48.830726	-86.931939	56118.93	56250.1	-0.13	56118.80	56118.80078	56126.06507	56126.06641	504995.0	5408640.9
T8640.0	504994.0	5408640.9	7325.79981	271.22	65.06	48.830726	-86.931953	56119.10	56250.1	-0.13	56118.97	56118.96875	56126.24758	56126.24609	504994.0	5408640.9
T8640.0	504993.0	5408640.9	7325.89990	273.26	65	48.830726	-86.931966	56119.33	56250.1	-0.13	56119.20	56119.19922	56126.42003	56126.42188	504993.0	5408640.9
T8640.0	504992.1	5408640.9	7326.00000	271.70	65	48.830726	-86.931979	56119.58	56250.1	-0.13	56119.45	56119.44922	56126.58082	56126.58203	504992.1	5408640.9
T8640.0	504990.9	5408640.9	7326.10010	270.51	65.19	48.830726	-86.931994	56119.76	56250.1	-0.13	56119.63	56119.62891	56126.72765	56126.72656	504990.9	5408640.9
T8640.0	504990.9	5408640.9	7326.20020	270.40	74.48	48.830726	-86.931994	56119.94	56250.1	-0.14	56119.80	56119.80078	56126.86135	56126.86328	504990.9	5408640.9

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
T8640.0	504989.8	5408640.9	7326.29981	270.50	71.66	48.830726	-86.932010	56120.17	56250.1	-0.14	56120.03	56120.03125	56126.98485	56126.98438	504989.8	5408640.9
T8640.0	504988.0	5408640.9	7326.39990	271.11	71.66	48.830726	-86.932034	56120.37	56250.1	-0.14	56120.22	56120.21875	56127.09753	56127.09766	504988.0	5408640.9
T8640.0	504987.1	5408640.9	7326.50000	269.52	71	48.830726	-86.932046	56120.60	56250.1	-0.15	56120.45	56120.44922	56127.20302	56127.20313	504987.1	5408640.9
T8640.0	504987.1	5408640.9	7326.60010	268.73	68.83	48.830726	-86.932046	56120.77	56250.1	-0.15	56120.63	56120.62891	56127.30016	56127.30078	504987.1	5408640.9
T8640.0	504986.0	5408640.9	7326.70020	269.71	69.99	48.830726	-86.932062	56120.99	56250.2	-0.15	56120.84	56120.83984	56127.39331	56127.39453	504986.0	5408640.9
T8640.0	504984.8	5408641.0	7326.79981	269.82	69.99	48.830726	-86.932077	56121.16	56250.2	-0.15	56121.01	56121.01172	56127.48072	56127.48047	504984.8	5408641.0
T8640.0	504983.7	5408641.0	7326.89990	270.43	71.36	48.830727	-86.932093	56121.36	56250.2	-0.16	56121.20	56121.19922	56127.56580	56127.56641	504983.7	5408641.0
T8640.0	504982.6	5408641.0	7327.00000	270.97	73.41	48.830727	-86.932108	56121.50	56250.2	-0.16	56121.34	56121.33984	56127.64492	56127.64453	504982.6	5408641.0
T8640.0	504982.6	5408641.0	7327.10010	271.42	73.24	48.830727	-86.932108	56121.76	56250.2	-0.16	56121.60	56121.60156	56127.72981	56127.73047	504982.6	5408641.0
T8640.0	504981.3	5408641.0	7327.20020	273.14	73.24	48.830727	-86.932126	56121.93	56250.2	-0.16	56121.77	56121.76953	56127.80660	56127.80469	504981.3	5408641.0
T8640.0	504980.3	5408641.0	7327.29981	273.30	73.31	48.830727	-86.932139	56122.19	56250.2	-0.16	56122.03	56122.03125	56127.88988	56127.89063	504980.3	5408641.0
T8640.0	504979.2	5408641.0	7327.39990	274.37	71.61	48.830727	-86.932154	56122.34	56250.2	-0.16	56122.18	56122.17969	56127.96269	56127.96094	504979.2	5408641.0
T8640.0	504978.5	5408641.0	7327.50000	274.12	71.61	48.830727	-86.932164	56122.57	56250.2	-0.16	56122.41	56122.41016	56128.04372	56128.04297	504978.5	5408641.0
T8640.0	504977.4	5408641.0	7327.60010	274.99	73.15	48.830727	-86.932179	56122.75	56250.2	-0.16	56122.59	56122.58984	56128.12062	56128.12109	504977.4	5408641.0
T8640.0	504977.4	5408641.0	7327.70020	274.98	71.98	48.830727	-86.932179	56122.96	56250.2	-0.16	56122.80	56122.80078	56128.20270	56128.20313	504977.4	5408641.0
T8640.0	504975.9	5408641.0	7327.79981	274.25	72.13	48.830727	-86.932199	56123.13	56250.2	-0.16	56122.97	56122.96875	56128.28220	56128.28125	504975.9	5408641.0
T8640.0	504974.8	5408641.0	7327.89990	272.94	72.13	48.830727	-86.932214	56123.33	56250.2	-0.16	56123.17	56123.17188	56128.36923	56128.37109	504974.8	5408641.0
T8640.0	504974.0	5408641.0	7328.00000	271.92	73.07	48.830727	-86.932225	56123.56	56250.2	-0.16	56123.40	56123.39844	56128.46545	56128.46484	504974.0	5408641.0
T8640.0	504973.0	5408641.0	7328.10010	271.07	72.14	48.830727	-86.932239	56123.68	56250.2	-0.16	56123.53	56123.53125	56128.55168	56128.55078	504973.0	5408641.0
T8640.0	504971.9	5408641.0	7328.20020	270.42	72.75	48.830727	-86.932254	56123.90	56250.2	-0.16	56123.74	56123.73828	56128.65614	56128.65625	504971.9	5408641.0
T8640.0	504970.8	5408641.0	7328.29981	276.86	71.78	48.830727	-86.932268	56124.09	56250.2	-0.16	56123.93	56123.92969	56128.76347	56128.76172	504970.8	5408641.0
T8640.0	504970.2	5408641.0	7328.39990	276.24	71.78	48.830727	-86.932276	56124.27	56250.2	-0.16	56124.11	56124.10938	56128.87513	56128.87500	504970.2	5408641.0
T8640.0	504970.2	5408641.0	7328.50000	275.74	69.67	48.830727	-86.932276	56124.48	56250.2	-0.15	56124.33	56124.32813	56128.99863	56129.00000	504970.2	5408641.0
T8640.0	504969.1	5408641.0	7328.60010	276.19	61.51	48.830727	-86.932292	56124.66	56250.2	-0.15	56124.51	56124.51172	56129.11879	56129.11719	504969.1	5408641.0
T8640.0	504967.9	5408641.0	7328.70020	275.35	61.51	48.830727	-86.932309	56124.83	56250.2	-0.15	56124.68	56124.67969	56129.24016	56129.23828	504967.9	5408641.0
T8640.0	504966.6	5408641.0	7328.79981	275.44	61.88	48.830727	-86.932325	56125.07	56250.2	-0.15	56124.92	56124.92188	56129.37647	56129.37500	504966.6	5408641.0
T8640.0	504966.6	5408641.0	7328.89990	275.21	71.89	48.830727	-86.932325	56125.27	56250.2	-0.15	56125.12	56125.12109	56129.50699	56129.50781	504966.6	5408641.0
T8640.0	504965.6	5408641.0	7329.00000	275.13	71.89	48.830727	-86.932339	56125.43	56250.2	-0.15	56125.28	56125.28125	56129.63086	56129.63281	504965.6	5408641.0
T8640.0	504964.9	5408641.0	7329.10010	275.65	71.86	48.830727	-86.932349	56125.68	56250.2	-0.15	56125.53	56125.53125	56129.77088	56129.76953	504964.9	5408641.0
T8640.0	504963.9	5408641.1	7329.20020	274.59	71.17	48.830728	-86.932362	56125.84	56250.2	-0.15	56125.69	56125.69141	56129.89259	56129.89453	504963.9	5408641.1
T8640.0	504962.8	5408641.1	7329.29981	273.75	71.17	48.830728	-86.932378	56126.04	56250.2	-0.15	56125.89	56125.89063	56130.02006	56130.01953	504962.8	5408641.1
T8640.0	504961.8	5408641.1	7329.39990	273.98	69.69	48.830728	-86.932391	56126.14	56250.2	-0.15	56125.99	56125.98828	56130.12710	56130.12891	504961.8	5408641.1
T8640.0	504960.8	5408641.1	7329.50000	275.01	70.74	48.830728	-86.932405	56126.32	56250.2	-0.15	56126.17	56126.17188	56130.24699	56130.24609	504960.8	5408641.1
T8640.0	504960.8	5408641.1	7329.60010	274.86	71.42	48.830728	-86.932405	56126.46	56250.2	-0.15	56126.31	56126.30859	56130.35703	56130.35547	504960.8	5408641.1
T8640.0	504959.5	5408641.1	7329.70020	274.66	70.45	48.830728	-86.932422	56126.61	56250.2	-0.15	56126.46	56126.46094	56130.46659	56130.46484	504959.5	5408641.1
T8640.0	504959.5	5408641.1	7329.79981	274.69	71.02	48.830728	-86.932422	56126.80	56250.2	-0.15	56126.65	56126.64844	56130.58164	56130.58203	504959.5	5408641.1
T8640.0	504958.4	5408641.1	7329.89990	276.07	71.02	48.830728	-86.932437	56126.99	56250.2	-0.15	56126.84	56126.83984	56130.69451	56130.69531	504958.4	5408641.1
T8640.0	504957.1	5408641.1	7330.00000	275.25	71.01	48.830728	-86.932455	56127.13	56250.2	-0.15	56126.98	56126.98047	56130.79507	56130.79688	504957.1	5408641.1
T8640.0	504956.4	5408641.1	7330.10010	274.34	71.01	48.830728	-86.932465	56127.32	56250.1	-0.15	56127.17	56127.17188	56130.90370	56130.90234	504956.4	5408641.1
T8640.0	504956.4	5408641.1	7330.20020	273.57	71.11	48.830728	-86.932465	56127.48	56250.1	-0.15	56127.33	56127.32813	56131.00425	56131.00391	504956.4	5408641.1
T8640.0	504955.5	5408641.1	7330.29981	273.32	71.11	48.830728	-86.932478	56127.57	56250.1	-0.14	56127.43	56127.42969	56131.09007	56131.08984	504955.5	5408641.1
T8640.0	504954.4	5408641.2	7330.39990	273.78	63.5	48.830729	-86.932492	56127.78	56250.1	-0.14	56127.64	56127.64063	56131.19827	56131.19922	504954.4	5408641.2
T8640.0	504953.6	5408641.2	7330.50000	275.81	69.58	48.830729	-86.932504	56127.94	56250.1	-0.14	56127.80	56127.80078	56131.29465	56131.29297	504953.6	5408641.2
T8640.0	504953.0	5408641.2	7330.60010	275.84	56.75	48.830729	-86.932512	56128.03	56250.1	-0.14	56127.89	56127.89063	56131.37419	56131.37500	504953.0	5408641.2
T8640.0	504952.1	5408641.2	7330.70020	277.05	56.75	48.830729	-86.932523	56128.21	56250.1	-0.14	56128.07	56128.07031	56131.47407	56131.47266	504952.1	5408641.2
T8640.0	504951.4	5408641.2	7330.79981	278.87	69.58	48.830729	-86.932533	56128.36	56250.1	-0.13	56128.22	56128.21875	56131.56696	56131.56641	504951.4	5408641.2
T8640.0	504951.4	5408641.2	7330.89990	278.07	53.84	48.830729	-86.932533	56128.48	56250.1	-0.13	56128.35	56128.35156	56131.65517	56131.65625	504951.4	5408641.2
T8640.0	504950.6	5408641.2	7331.00000	277.06	55.53	48.830729	-86.932544	56128.59	56250.1	-0.13	56128.46	56128.46094	56131.73871	56131.73828	504950.6	5408641.2
T8640.0	504949.8	5408641.2	7331.10010	277.57	55.53	48.830729	-86.932555	56128.79	56250.1	-0.13	56128.66	56128.66016	56131.84591	56131.84766	504949.8	5408641.2
T8640.0	504949.1	5408641.2	7331.20020	277.64	53.5	48.830729	-86.932565	56128.89	56250.1	-0.13	56128.76	56128.76172	56131.92848	56131.92969	504949.1	5408641.2
T8640.0	504948.6	5408641.2	7331.29981	279.14	54.28	48.830729	-86.932571	56129.05	56250.1	-0.14	56128.91	56128.91016	56132.02534	56132.02344	504948.6	5408641.2
T8640.0	504947.8	5408641.2	7331.39990	278.88	54.28	48.830729	-86.932582	56129.15	56250.1	-0.14	56129.01	56129.01172	56132.11061	56132.10938	504947.8	5408641.2
T8640.0	504947.0	5408641.2	7331.50000	279.53	53.74	48.830729	-86.932592	56129.24	56250.1	-0.14	56129.10	56129.10156	56131.84024	56131.83984	504947.0	5408641.2
T8640.0	504946.3	5408641.2	7331.60010	278.12	52.89	48.830729	-86.932603	56129.35	56250.1	-0.14	56129.21	56129.21094	56131.93528	56131.93359	504946.3	5408641.2
T8640.0	504945.6	5408641.2	7331.70020	279.11	69.21	48.830729	-86.932613	56129.50	56250.1	-0.14	56129.36	56129.35938	56132.02513	56132.02344	504945.6	5408641.2
T8640.0	504945.6	5408641.2	7331.79981	277.56	69.21	48.830729	-86.932613	56129.62	56250.1	-0.15	56129.47	56129.46875	56132.12066	56132.12109	504945.6	5408641.2
T8640.0	504944.7	5408641.2	7331.89990	277.62	67.07	48.830729	-86.932625	56129.70	56250.1	-0.15	56129.56	56129.55859	56132.21887	56132.21875	504944.7	5408641.2
T8640.0	504944.1	5408641.2	7332.00000	277.15	68.15	48.830729	-86.932633	56129.84	56250.2	-0.15	56129.69	56129.69141	56132.31199	56132.31250	504944.1	5408641.2
T8640.0	504943.4	5408641.2	7332.10010	277.66	68.15	48.830729	-86.932642	56129.95	56250.2	-0.15	56129.80	56129.80078	56132.40762	56132.40625	504943.4	5408641.2
T8640.0	504942.8	5408641.2	7332.20020	277.46	68.52	48.830729	-86.932650	56130.12	56250.2	-0.15	56129.96	56129.96094	56132.49683	56132.49609	504942.8	5408641.2
T8640.0	504942.8	5408641.2	7332.29981	279.16	60.6	48.830729	-86.932650	56130.13	56250.2	-0.15	56129.98	56129.98047	56132.60297	56132.60156	504942.8	5408641.2
T8640.0	504942.1	5408641.2	7332.39990	278.34	53.88	48.830729	-86.932660	56130.21	56250.2	-0.15	56130.06	56130.05859	56132.70094	56132.69922	504942.1	5408641.2
T8640.0	504941.5	5408641.2	7332.50000	278.38	53.88	48.830729	-86.932668	56130.31	56250.2	-0.15	56130.15	56130.14844	56132.79689	56132.79688	504941.5	5408641.2
T8640.0	504940.7	5408641.2	7332.60010	278.89	54.68	48.830729	-86.932678	56130.43	56250.2	-0.16	56130.28	56130.28125	56132.88706	56132.88672	504940.7	5408641.2
T8640.0	504940.7	5408641.2	7332.70020	277.53	54.19	48.830729	-86.932678	56130.52	56250.2	-0.16	56130.36	56130.35938	56132.98257	56132.98438	504940.7	5408641.2
T8640.0	504940.0	5408641.2	7332.79981	278.27	54.19	48.830729	-86.932688	56130.66	56250.2	-0.16	56130.50	56130.50000	56133.06967	56133.07031	504940.0	5408641.2
T8640.0	504939.4	5408641.1	7332.89990	278.52	55.58	48.830729	-86.932696	56130.74	56250.2	-0.16	56130.58	56130.57813	56133.16344	56133.16406	504939.4	5408641.1
T8640.0	504938.7	5408641.1	7333.00000	278.46	55.58	48.830728	-86.932707	56130.80	56250.2	-0.16	56130.64	56130.64063	56133.25888	56133.25781	504938.7	5408641.1
T8640.0	504938.1	5408641.1	7333.10010	278.15	55.1	48.830728	-86.932715	56130.89	56250.2	-0.16	56130.73	56130.73047	56133.34995	56133.35156	504938.1	5408641.1
T8640.0	504938.1	5408641.1	7333.20020	278.43	55.1	48.830728	-86.932715	56131.02	56250.2	-0.16	56130.86	56130.85938	56133.43548	56133.43359	504938.1	5408641.1
T8640.0	504937.5	5408641.1	7333.29981	278.24	55.47	48.830728	-86.932723	56131.04	56250.2	-0.16	56130.88	56130.87891	56133.53553	56133.53516	504937.5	5408641.1
T8640.0	504936.8	5408641.1	7333.39990	278.54	55.47	48.830728	-86.932732	56131.12	56250.2	-0.16	56130.96	56130.96094	56133.62809	56133.62891	504936.8	5408641.1
T8640.0	504936.8	5408641.1	7333.50000	270.78	67.46	48.830728	-86.932732	56131.07	56250.2	-0.15	56130.91	56130.91016	56133.73983	56133.73828	504936.8	5408641.1
T8640.0	504936.2	5408641.1	7333.60010	270.28	67.46	48.830728	-86.932740	56131.27	56250.2	-0.15	56131.12	56131.12109	56134.14643	56134.14453	504936.2	5408641.1
T8640.0	504935.6	5408641.0	7333.70020	275.50	67.69	48.830728	-86.932748	56131.32	56250.2	-0.15	56131.17	56131.17188	56134.23675	56134.23828	504935.6	5408641.0
T8640.0	504935.6	5408641.0	7333.79981	275.64	67.71	48.830728	-86.932748	56131.32	56250.2	-0.15	56131.17	56131.17188	56134.31666	56134.31641	504935.6	5408641.0
T8640.0	504935.1	5408641.0	7333.89990	275.96	67.82	48.830728	-86.932756	56131.45	56250.2	-0.15	56131.29	56131.28906	56134.42949	56134.42969	504935.1	5408641.0
T8640.0	504934.6	5408641.0	7334.00000	276.39	67.82	48.830727	-86.932762	56131.45	56250.2	-0.15	56131.29	56131.28906	56134.51233	56134.51172	504934.6	5408641.0
T8640.0	504934.0	5408641.0	7334.10010	278.19	67.82	48.830727	-86.932770	56131.55	56250.2	-0.15	56131.39	56131.39063	56134.62014	56134.62109	504934.0	5408641.0
T8640.0	504933.5	5408641.0	7334.20020	277.71	67.74	48.830727	-86.932777	56131.60	56250.2	-0.15	56131.44	56131.44141	56134.71434	56134.71484	504933.5	5408641.0
T8640.0	504933.5	5408641.0	7334.29981	277.14	67.74	48.830727	-86.932777	56131.65	56250.2	-0.16	56131.50	56131.50000	56134.80899	56134.80859	504933.5	5408641.0
T8640.0	504933.1	5408641.0	7334.39990	276.77	67.6	48.830727	-86.932782	56131.68	56250.2	-0.16	56131.52	56131.51953	56134.89160	56134.89063	504933.1	5408641.0
T8640.0	504932.8	5408641.0	7334.50000	277.49	67.57	48.830727	-86.932786	56131.75	56250.2	-0.16	56131.59	56131.58984	56134.98243	56134.98438	504932.8	5408641.0
T8640.0	504932.5	5408641.0	7334.60010	277.12	67.57	48.830727	-86.932791	56131.81	56250.2	-0.16	56131.64	56131.64063	56135.06463	56135.06641	504932.5	5408641.0
T8640.0	504932.5	5408641.0	7334.70020	276.13	67.61	48.830727	-86.932791	56131.86	56250.2	-0.16	56131.69	56131.69141	56135.14278	56135.14453	504932.5	5408641.0
T8640.0	504931.9	5408641.0	7334.79981	274.18	67.74	48.830727	-86.932798	56131.88	56250.2	-0.17	56131.71	56131.71094	56135.20993	56135.21094	504931.9	5408641.0
T8640.0	504931.6	5408641.0	7334.89990	274.97	67.74	48.830727	-86.932803	56131.95	56250.2	-0.17	56131.79	56131.78906	56135.28608	56135.28516	504931.6	5408641.0
T8640.0	504931.1	5408641.0	7335.00000	273.99	67.91	48.830727	-86.932809	56131.97	56250.2	-0.17	56131.80	56131.80078	56135.34247	56135.34375	504931.1	5408641.0
T8640.0	504930.9	5408641.0	7335.10010	273.64	67.91	48.830727	-86.932812	56132.01	56250.2	-0.17	56131.84	56131.83984	56135.40144	56135.40234	504930.9	5408641.0
T8640.0	504930.9	5408641.0	7335.20020	275.73	67.92	48.830727	-86.932812	56132.01	56250.2	-0.17	56131.84	56131.83984	56135.44748	56135.44922	504930.9	5408641.0
T8640.0	504930.6	5408640.9	7335.29981	272.16	67.92	48.830727	-86.932817	56132.11	56250.2	-0.17	56131.94	56131.94141	56135.51257	56135.51172	504930.6	5408640.9
T8640.0	504930.3	5408640.9	7335.39990	271.71	67.94	48.830727	-86.932820	56132.11	56250.2	-0.17	56131.94	56131.94141	56135.55125	56135.55078	504930.3	5408640.9
T8640.0	504930.0	5408640.9	7335.50000	271.36	67.94	48.830727	-86.932824	56132.18	56250.2	-0.17	56132.01	56132.01172	56135.60285	56135.60156	504930.0	5408640.9

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
T8640.0	504929.8	5408640.9	7335.60010	278.41	66.85	48.830727	-86.932828	56132.16	56250.2	-0.17	56131.99	56131.98828	56135.62996	56135.62891	504929.8	5408640.9
T8640.0	504929.8	5408640.9	7335.70020	276.85	67.24	48.830727	-86.932828	56132.18	56250.2	-0.17	56132.01	56132.01172	56135.66351	56135.66406	504929.8	5408640.9
T8640.0	504929.5	5408640.9	7335.79981	277.77	67.24	48.830726	-86.932831	56132.18	56250.2	-0.17	56132.01	56132.01172	56135.68925	56135.68750	504929.5	5408640.9
T8640.0	504929.5	5408640.9	7335.89990	277.94	66.18	48.830726	-86.932831	56132.22	56250.2	-0.17	56132.05	56132.05078	56135.72262	56135.72266	504929.5	5408640.9
T8640.0	504929.3	5408640.9	7336.00000	279.04	65.44	48.830726	-86.932834	56132.26	56250.2	-0.17	56132.09	56132.08984	56135.75413	56135.75391	504929.3	5408640.9
T8640.0	504929.0	5408640.9	7336.10010	279.97	66.48	48.830726	-86.932838	56132.21	56250.2	-0.17	56132.04	56132.03906	56135.76015	56135.76172	504929.0	5408640.9
T8640.0	504928.9	5408640.9	7336.20020	279.53	66.48	48.830726	-86.932839	56132.23	56250.2	-0.17	56132.06	56132.05859	56135.73544	56135.73438	504928.9	5408640.9
T8640.0	504928.9	5408640.9	7336.29981	279.55	68.43	48.830726	-86.932839	56132.15	56250.2	-0.17	56131.98	56131.98047	56135.78513	56135.78516	504928.9	5408640.9
T8640.0	504928.8	5408640.9	7336.39990	278.86	67.99	48.830726	-86.932841	56132.21	56250.2	-0.17	56132.04	56132.03906	56135.81689	56135.81641	504928.8	5408640.9
T8640.0	504928.7	5408640.9	7336.50000	276.65	66.5	48.830726	-86.932842	56132.14	56250.2	-0.17	56131.97	56131.96875	56135.86539	56135.86719	504928.7	5408640.9
T8640.0	504928.7	5408640.9	7336.60010	276.50	66.5	48.830726	-86.932843	56132.16	56250.2	-0.17	56131.99	56131.98828	56135.90605	56135.90625	504928.7	5408640.9
T8640.0	504928.6	5408640.9	7336.70020	277.13	66.72	48.830726	-86.932844	56132.13	56250.2	-0.17	56131.96	56131.96094	56135.95567	56135.95703	504928.6	5408640.9
T8640.0	504928.6	5408640.9	7336.79981	278.16	67.9	48.830726	-86.932844	56132.26	56250.2	-0.17	56132.09	56132.08984	56135.99427	56135.99609	504928.6	5408640.9
T8640.0	504928.6	5408640.9	7336.89990	278.34	67.76	48.830726	-86.932844	56132.26	56250.2	-0.17	56132.09	56132.08984	56136.04924	56136.05078	504928.6	5408640.9
T8640.0	504928.5	5408640.9	7337.00000	278.43	67.76	48.830726	-86.932845	56132.31	56250.2	-0.17	56132.14	56132.14063	56136.10507	56136.10547	504928.5	5408640.9
T8640.0	504928.4	5408640.9	7337.10010	279.10	67.83	48.830727	-86.932846	56132.30	56250.2	-0.17	56132.13	56132.12891	56136.17215	56136.17188	504928.4	5408640.9
T8640.0	504928.4	5408640.9	7337.20020	278.14	64.64	48.830727	-86.932846	56132.34	56250.2	-0.17	56132.16	56132.16016	56136.24176	56136.24219	504928.4	5408640.9
T8640.0	504928.3	5408640.9	7337.29981	278.02	64.64	48.830726	-86.932847	56132.34	56250.2	-0.18	56132.16	56132.16016	56136.32074	56136.32031	504928.3	5408640.9
T8640.0	504928.3	5408640.9	7337.39990	276.98	65.24	48.830726	-86.932847	56132.40	56250.2	-0.18	56132.22	56132.21875	56136.40059	56136.40234	504928.3	5408640.9
T8640.0	504928.3	5408640.9	7337.50000	278.00	65.29	48.830726	-86.932848	56132.44	56250.2	-0.18	56132.26	56132.26172	56136.48879	56136.48828	504928.3	5408640.9
T8640.0	504928.2	5408640.9	7337.60010	279.74	65.05	48.830726	-86.932850	56132.44	56250.2	-0.18	56132.26	56132.26172	56136.58741	56136.58594	504928.2	5408640.9
T8640.0	504928.1	5408640.9	7337.70020	280.43	65.05	48.830726	-86.932851	56132.50	56250.2	-0.18	56132.32	56132.32031	56136.68526	56136.68359	504928.1	5408640.9
T8640.0	504928.0	5408640.9	7337.79981	280.58	67.22	48.830726	-86.932853	56132.56	56250.2	-0.19	56132.38	56132.37891	56136.78756	56136.78906	504928.0	5408640.9
T8640.0	504927.9	5408640.9	7337.89990	279.00	67.55	48.830726	-86.932853	56132.61	56250.2	-0.19	56132.42	56132.42188	56136.73159	56136.73047	504927.9	5408640.9
T8640.0	504927.8	5408640.8	7338.00000	279.34	67.43	48.830726	-86.932855	56132.69	56250.2	-0.19	56132.50	56132.50000	56136.84648	56136.84766	504927.8	5408640.8
T8640.0	504927.8	5408640.8	7338.10010	277.96	67.43	48.830726	-86.932855	56132.79	56250.2	-0.19	56132.60	56132.60156	56136.96783	56136.96875	504927.8	5408640.8
T8640.0	504927.7	5408640.8	7338.20020	278.64	67.29	48.830726	-86.932856	56132.84	56250.2	-0.19	56132.65	56132.64844	56137.07715	56137.07813	504927.7	5408640.8
T8640.0	504927.6	5408640.8	7338.29981	278.87	66.89	48.830726	-86.932858	56132.87	56250.2	-0.18	56132.68	56132.67969	56137.18297	56137.18359	504927.6	5408640.8
T8640.0	504927.5	5408640.8	7338.39990	277.49	66.89	48.830726	-86.932859	56132.96	56250.2	-0.18	56132.78	56132.78125	56137.30601	56137.30469	504927.5	5408640.8
T8640.0	504927.5	5408640.8	7338.50000	276.29	66.86	48.830726	-86.932859	56133.05	56250.2	-0.18	56132.87	56132.87109	56137.42668	56137.42578	504927.5	5408640.8
T8640.0	504927.3	5408640.8	7338.60010	275.72	66.86	48.830725	-86.932861	56133.16	56250.2	-0.18	56132.99	56132.98828	56137.55327	56137.55469	504927.3	5408640.8
T8640.0	504927.2	5408640.7	7338.70020	274.36	66.73	48.830725	-86.932862	56133.16	56250.2	-0.18	56132.99	56132.98828	56137.65460	56137.65625	504927.2	5408640.7
T8640.0	504927.2	5408640.7	7338.79981	272.93	66.67	48.830725	-86.932862	56133.30	56250.2	-0.17	56133.13	56133.12891	56137.78333	56137.78516	504927.2	5408640.7
T8640.0	504927.2	5408640.7	7338.89990	273.16	66.67	48.830725	-86.932863	56133.32	56250.2	-0.17	56133.15	56133.14844	56137.88793	56137.88672	504927.2	5408640.7
T8640.0	504927.1	5408640.7	7339.00000	271.75	66.51	48.830725	-86.932865	56133.42	56250.2	-0.17	56133.25	56133.25000	56138.00605	56138.00781	504927.1	5408640.7
T8640.0	504927.0	5408640.7	7339.10010	272.35	66.46	48.830725	-86.932866	56133.45	56250.2	-0.17	56133.28	56133.28125	56138.11039	56138.10938	504927.0	5408640.7
T8640.0	504926.9	5408640.7	7339.20020	272.71	66.4	48.830725	-86.932867	56133.54	56250.2	-0.17	56133.37	56133.37109	56138.22286	56138.22266	504926.9	5408640.7
T8640.0	504926.8	5408640.7	7339.29981	273.94	66.4	48.830725	-86.932868	56133.59	56250.2	-0.17	56133.42	56133.42188	56138.32656	56138.32813	504926.8	5408640.7
T8640.0	504926.8	5408640.7	7339.39990	274.24	66.29	48.830725	-86.932868	56133.59	56250.2	-0.17	56133.42	56133.42188	56138.42042	56138.42188	504926.8	5408640.7
T8640.0	504926.7	5408640.7	7339.50000	275.01	65.94	48.830725	-86.932870	56133.73	56250.2	-0.17	56133.56	56133.55859	56138.53096	56138.53125	504926.7	5408640.7
T8640.0	504926.6	5408640.7	7339.60010	273.36	65.94	48.830724	-86.932872	56133.75	56250.2	-0.17	56133.58	56133.57813	56138.62122	56138.62109	504926.6	5408640.7
T8640.0	504926.5	5408640.7	7339.70020	276.12	65.61	48.830724	-86.932873	56133.80	56250.2	-0.17	56133.63	56133.62891	56138.71201	56138.71094	504926.5	5408640.7
T8640.0	504926.4	5408640.7	7339.79981	275.80	65.22	48.830724	-86.932874	56133.92	56250.2	-0.17	56133.75	56133.75000	56138.80752	56138.80859	504926.4	5408640.7
T8640.0	504926.3	5408640.7	7339.89990	273.89	65.18	48.830724	-86.932875	56133.95	56250.2	-0.17	56133.78	56133.78125	56138.88777	56138.88672	504926.3	5408640.7
T8640.0	504926.2	5408640.7	7340.00000	273.93	65.18	48.830724	-86.932877	56134.01	56250.2	-0.17	56133.84	56133.83984	56138.96974	56138.96875	504926.2	5408640.7
T8640.0	504926.1	5408640.7	7340.10010	273.32	65.01	48.830724	-86.932878	56134.13	56250.2	-0.17	56133.96	56133.96094	56139.05748	56139.05859	504926.1	5408640.7
T8640.0	504926.0	5408640.6	7340.20020	272.57	64.85	48.830724	-86.932879	56134.18	56250.2	-0.17	56134.01	56134.01172	56139.13739	56139.13672	504926.0	5408640.6
T8640.0	504925.9	5408640.6	7340.29981	271.31	64.85	48.830724	-86.932880	56134.25	56250.2	-0.18	56134.08	56134.07813	56139.22061	56139.21875	504925.9	5408640.6
T8640.0	504925.9	5408640.6	7340.39990	270.92	64.79	48.830724	-86.932880	56134.33	56250.2	-0.18	56134.15	56134.14844	56139.30586	56139.30469	504925.9	5408640.6
T8640.0	504925.8	5408640.6	7340.50000	270.13	64.59	48.830724	-86.932883	56134.38	56250.2	-0.18	56134.20	56134.19922	56139.39184	56139.39063	504925.8	5408640.6
T8640.0	504925.7	5408640.6	7340.60010	272.46	64.53	48.830724	-86.932884	56134.46	56250.2	-0.18	56134.28	56134.28125	56139.48347	56139.48438	504925.7	5408640.6
T8640.0	504925.7	5408640.6	7340.70020	272.67	64.38	48.830724	-86.932884	56134.54	56250.2	-0.18	56134.35	56134.35156	56139.57657	56139.57813	504925.7	5408640.6
T8640.0	504925.6	5408640.6	7340.79981	273.20	64.28	48.830724	-86.932885	56134.63	56250.2	-0.19	56134.44	56134.44141	56139.67251	56139.67188	504925.6	5408640.6
T8640.0	504925.5	5408640.6	7340.89990	270.98	62.07	48.830724	-86.932886	56134.69	56250.2	-0.19	56134.50	56134.50000	56139.76614	56139.76563	504925.5	5408640.6
T8640.0	504925.4	5408640.6	7341.00000	271.73	62.07	48.830724	-86.932888	56134.76	56250.2	-0.19	56134.57	56134.57031	56139.85963	56139.85938	504925.4	5408640.6
T8640.0	504925.4	5408640.6	7341.10010	271.37	62.41	48.830724	-86.932888	56134.82	56250.2	-0.19	56134.63	56134.62891	56139.95064	56139.94922	504925.4	5408640.6
T8640.0	504925.3	5408640.6	7341.20020	270.10	62.41	48.830723	-86.932889	56134.89	56250.2	-0.19	56134.70	56134.69922	56140.03938	56140.03906	504925.3	5408640.6
T8640.0	504925.2	5408640.6	7341.29981	270.70	63.82	48.830723	-86.932891	56134.96	56250.2	-0.18	56134.78	56134.78125	56140.12584	56140.12500	504925.2	5408640.6
T8640.0	504925.1	5408640.6	7341.39990	270.35	63.63	48.830723	-86.932892	56135.01	56250.2	-0.18	56134.83	56134.82813	56140.20774	56140.20703	504925.1	5408640.6
T8640.0	504925.0	5408640.6	7341.50000	271.57	63.44	48.830723	-86.932893	56135.07	56250.2	-0.18	56134.89	56134.89063	56140.28711	56140.28906	504925.0	5408640.6
T8640.0	504924.9	5408640.6	7341.60010	272.59	63.44	48.830723	-86.932894	56135.07	56250.2	-0.18	56134.89	56134.89063	56140.36068	56140.35938	504924.9	5408640.6
T8640.0	504924.8	5408640.6	7341.70020	272.99	60.85	48.830723	-86.932896	56135.20	56250.2	-0.18	56135.02	56135.01953	56140.43687	56140.43750	504924.8	5408640.6
T8640.0	504924.7	5408640.6	7341.79981	271.47	62.93	48.830723	-86.932896	56135.26	56250.2	-0.17	56135.08	56135.07813	56140.50705	56140.50781	504924.7	5408640.6
T8640.0	504924.6	5408640.6	7341.89990	270.34	62.93	48.830724	-86.932898	56135.29	56250.2	-0.17	56135.12	56135.12109	56140.57375	56140.57422	504924.6	5408640.6
T8640.0	504924.5	5408640.6	7342.00000	268.88	62.68	48.830724	-86.932899	56135.37	56250.2	-0.17	56135.20	56135.19922	56140.63958	56140.64063	504924.5	5408640.6
T8640.0	504924.5	5408640.6	7342.10010	269.38	62.58	48.830724	-86.932899	56135.41	56250.2	-0.17	56135.24	56135.23828	56140.70176	56140.70313	504924.5	5408640.6
T8640.0	504924.3	5408640.6	7342.20020	268.11	62.46	48.830723	-86.932902	56135.47	56250.2	-0.17	56135.30	56135.30078	56140.76295	56140.76172	504924.3	5408640.6
T8640.0	504924.3	5408640.6	7342.29981	269.63	62.46	48.830723	-86.932902	56135.54	56250.2	-0.17	56135.37	56135.37109	56140.82307	56140.82422	504924.3	5408640.6
T8640.0	504924.2	5408640.6	7342.39990	270.33	62.3	48.830723	-86.932904	56135.68	56250.2	-0.17	56135.51	56135.51172	56140.88474	56140.88281	504924.2	5408640.6
T8640.0	504924.1	5408640.6	7342.50000	271.62	62.3	48.830723	-86.932906	56135.70	56250.2	-0.18	56135.52	56135.51953	56140.94045	56140.94141	504924.1	5408640.6
T8640.0	504923.9	5408640.6	7342.60010	270.92	62.11	48.830723	-86.932907	56135.78	56250.2	-0.18	56135.60	56135.60156	56140.99803	56140.99609	504923.9	5408640.6
T8640.0	504923.9	5408640.6	7342.70020	271.30	61.44	48.830723	-86.932908	56135.82	56250.2	-0.18	56135.64	56135.64063	56141.05326	56141.05469	504923.9	5408640.6
T8640.0	504923.8	5408640.6	7342.79981	270.61	61.44	48.830723	-86.932909	56135.88	56250.2	-0.18	56135.70	56135.69922	56141.10877	56141.10938	504923.8	5408640.6
T8640.0	504923.7	5408640.6	7342.89990	271.68	61.37	48.830723	-86.932910	56136.00	56250.2	-0.18	56135.82	56135.82031	56141.16651	56141.16797	504923.7	5408640.6
T8640.0	504923.7	5408640.6	7343.00000	273.20	61.43	48.830723	-86.932910	56136.06	56250.2	-0.18	56135.88	56135.87891	56141.22171	56141.22266	504923.7	5408640.6
T8640.0	504923.6	5408640.6	7343.10010	273.07	61.43	48.830723	-86.932912	56136.07	56250.2	-0.18	56135.89	56135.89063	56141.27523	56141.27344	504923.6	5408640.6
T8640.0	504923.5	5408640.6	7343.20020	271.98	61.3	48.830723	-86.932913	56136.20	56250.2	-0.18	56136.01	56136.01172	56141.33519	56141.33594	504923.5	5408640.6
T8640.0	504923.4	5408640.6	7343.29981	271.42	61.3	48.830723	-86.932914	56136.21	56250.2	-0.19	56136.02	56136.01953	56141.39266	56141.39453	504923.4	5408640.6
T8640.0	504923.3	5408640.6	7343.39990	272.44	61.07	48.830723	-86.932916	56136.33	56250.2	-0.19	56136.14	56136.14063	56141.45820	56141.45703	504923.3	5408640.6
T8640.0	504923.3	5408640.6	7343.50000	270.88	61.07	48.830723	-86.932916	56136.36	56250.2	-0.19	56136.17	56136.17188	56141.52384	56141.52344	504923.3	5408640.6
T8640.0	504923.2	5408640.6	7343.60010	271.77	60.49	48.830723	-86.932917	56136.44	56250.2	-0.19	56136.25	56136.25000	56141.59640	56141.59766	504923.2	5408640.6
T8640.0	504923.1	5408640.6	7343.70020	271.97	60.01	48.830723	-86.932918	56136.48	56250.2	-0.19	56136.28	56136.28125	56141.67185	56141.67188	504923.1	5408640.6
T8640.0	504923.0	5408640.6	7343.79981	270.39	60.01	48.830723	-86.932920	56136.61	56250.2	-0.20	56136.41	56136.41016	56141.75566	56141.75391	504923.0	5408640.6
T8640.0	504922.9	5408640.5	7343.89990	268.19	59.56	48.830723	-86.932921	56136.66	56250.2	-0.20	56136.46	56136.46094	56141.84128	56141.83984	504922.9	5408640.5
T8640.0	504922.9	5408640.5	7344.00000	268.18	59.56	48.830723	-86.932921	56136.73	56250.2	-0.20	56136.53	56136.53125	56141.93204	56141.93359	504922.9	5408640.5
T8640.0	504922.8	5408640.5	7344.10010	269.21	60.11	48.830723	-86.932922	56136.81	56250.2	-0.20	56136.61	56136.60938	56142.02734	56142.02734	504922.8	5408640.5
T8640.0	504922.7	5408640.5	7344.20020	271.61	60.11	48.830723	-86.932924	56136.84	56250.2	-0.20	56136.64	56136.64063	56142.12594	56142.12500	504922.7	5408640.5
T8640.0	504922.6	5408640.5	7344.29981	271.93	59.47	48.830723	-86.932925	56136.91	56250.2	-0.20	56136.71	56136.71094	56142.22913	56142.23047	504922.6	5408640.5
T8640.0	504922.6	5408640.5	7344.39990	271.43	59.47	48.830723	-86.932925	56136.96	56250.2	-0.20	56136.75	56136.75000	56142.33577	56142.33594	504922.6	5408640.5
T8640.0	504922.5	5408640.5	7344.50000	272.29	59.48	48.830723	-86.932927	56137.06	56250.2	-0.21	56136.86	56136.85938	56142.44402	56142.44531	504922.5	5408640.5
T8640.0	504922.4	5408640.5	7344.60010	270.99	59.48	48.830723	-86.932928	56137.12	56250.2	-0.21	56136.91	56136.91016	56142.55416	56142.55469	504922.4	5408640.5
T8640.0	504922.4	5408640.5	7344.70020	270.38	58.05	48.830723	-86.932928	56137.21	56250.2	-0.21	56137.01	56137.01172	56142.66306	56142.66406	504922.4	5408640.5
T8640.0	504922.2	5408640.6	7344.79981	268.01	58.05	48.830723	-86.932931	56137.26	56250.2	-0.21	56137.05	56137.05078	56142.77329	56142.77344	504922.2	5408640.6

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
T8640.0	504922.2	5408640.6	7344.89990	266.36	56.63	48.830723	-86.932931	56137.32	56250.2	-0.21	56137.11	56137.10938	56142.88155	56142.88281	504922.2	5408640.6
T8640.0	504922.1	5408640.6	7345.00000	263.95	56.63	48.830723	-86.932932	56137.39	56250.2	-0.21	56137.18	56137.17969	56142.98776	56142.98828	504922.1	5408640.6
T8640.0	504922.0	5408640.6	7345.10010	263.35	56.27	48.830724	-86.932933	56137.46	56250.2	-0.21	56137.26	56137.26172	56143.09237	56143.09375	504922.0	5408640.6
T8640.0	504921.9	5408640.6	7345.20020	264.37	56.4	48.830724	-86.932935	56137.51	56250.2	-0.21	56137.30	56137.30078	56143.19974	56143.19922	504921.9	5408640.6
T8640.0	504921.9	5408640.6	7345.29981	264.66	56.4	48.830724	-86.932935	56137.57	56250.2	-0.21	56137.36	56137.35938	56143.30632	56143.30469	504921.9	5408640.6
T8640.0	504921.8	5408640.6	7345.39990	265.42	57.39	48.830724	-86.932937	56137.59	56250.2	-0.21	56137.39	56137.39063	56143.37045	56143.37109	504921.8	5408640.6
T8640.0	504921.7	5408640.6	7345.50000	265.01	58.44	48.830724	-86.932938	56137.65	56250.2	-0.21	56137.44	56137.44141	56143.47824	56143.47656	504921.7	5408640.6
T8640.0	504921.6	5408640.7	7345.60010	266.50	58.32	48.830724	-86.932940	56137.70	56250.2	-0.20	56137.50	56137.50000	56143.59012	56143.58984	504921.6	5408640.7
T8640.0	504921.4	5408640.7	7345.70020	265.78	58.32	48.830724	-86.932941	56137.75	56250.2	-0.20	56137.54	56137.53906	56143.69969	56143.69922	504921.4	5408640.7
T8640.0	504921.4	5408640.7	7345.79981	265.06	57.61	48.830724	-86.932941	56137.76	56250.2	-0.20	56137.56	56137.55859	56143.80666	56143.80859	504921.4	5408640.7
T8640.0	504921.3	5408640.7	7345.89990	266.22	57.61	48.830725	-86.932944	56137.88	56250.2	-0.20	56137.67	56137.67188	56143.92823	56143.92969	504921.3	5408640.7
T8640.0	504921.3	5408640.7	7346.00000	267.00	57.23	48.830725	-86.932944	56137.92	56250.2	-0.20	56137.72	56137.71875	56144.03895	56144.03906	504921.3	5408640.7
T8640.0	504921.1	5408640.7	7346.10010	267.57	55.55	48.830725	-86.932946	56138.00	56250.2	-0.20	56137.80	56137.80078	56144.15268	56144.15234	504921.1	5408640.7
T8640.0	504921.0	5408640.7	7346.20020	267.78	53.85	48.830725	-86.932947	56138.02	56250.2	-0.20	56137.82	56137.82031	56144.25662	56144.25781	504921.0	5408640.7
T8640.0	504921.0	5408640.7	7346.29981	267.59	53.85	48.830725	-86.932947	56138.11	56250.2	-0.20	56137.91	56137.91016	56144.36871	56144.36719	504921.0	5408640.7
T8640.0	504920.7	5408640.8	7346.39990	267.92	53.43	48.830725	-86.932951	56138.16	56250.2	-0.20	56137.96	56137.96094	56144.47373	56144.47266	504920.7	5408640.8
T8640.0	504920.7	5408640.8	7346.50000	266.45	54.22	48.830725	-86.932951	56138.17	56250.2	-0.20	56137.97	56137.96875	56144.57258	56144.57422	504920.7	5408640.8
T8640.0	504920.6	5408640.8	7346.60010	265.81	54.22	48.830726	-86.932952	56138.28	56250.2	-0.20	56138.08	56138.07813	56144.68172	56144.68359	504920.6	5408640.8
T8640.0	504920.5	5408640.8	7346.70020	262.40	53.5	48.830726	-86.932954	56138.36	56250.2	-0.20	56138.16	56138.16016	56144.78622	56144.78516	504920.5	5408640.8
T8640.0	504920.5	5408640.8	7346.79981	263.09	53.63	48.830726	-86.932955	56138.38	56250.2	-0.20	56138.18	56138.17969	56144.88414	56144.88281	504920.5	5408640.8
T8640.0	504920.3	5408640.8	7346.89990	261.19	53.63	48.830726	-86.932956	56138.46	56250.2	-0.20	56138.26	56138.26172	56144.98792	56144.98828	504920.3	5408640.8
T8640.0	504920.3	5408640.8	7347.00000	260.99	53.75	48.830726	-86.932956	56138.52	56250.2	-0.20	56138.32	56138.32031	56145.08977	56145.08984	504920.3	5408640.8
T8640.0	504920.2	5408640.9	7347.10010	262.75	53.81	48.830726	-86.932958	56138.61	56250.2	-0.20	56138.41	56138.41016	56145.19418	56145.19531	504920.2	5408640.9
T8640.0	504920.1	5408640.9	7347.20020	261.42	53.81	48.830726	-86.932960	56138.70	56250.2	-0.20	56138.51	56138.51172	56145.29909	56145.30078	504920.1	5408640.9
T8640.0	504920.0	5408640.9	7347.29981	260.25	54.14	48.830727	-86.932961	56138.71	56250.2	-0.20	56138.52	56138.51953	56145.39795	56145.39844	504920.0	5408640.9
T8640.0	504920.0	5408640.9	7347.39990	259.95	54.14	48.830727	-86.932961	56138.83	56250.2	-0.20	56138.63	56138.62891	56145.50398	56145.50391	504920.0	5408640.9
T8640.0	504919.8	5408640.9	7347.50000	260.94	54.59	48.830727	-86.932964	56138.83	56250.2	-0.19	56138.63	56138.62891	56145.60326	56145.60156	504919.8	5408640.9
T8640.0	504919.7	5408640.9	7347.60010	261.43	54.53	48.830727	-86.932965	56138.91	56250.2	-0.19	56138.72	56138.71875	56145.70699	56145.70703	504919.7	5408640.9
T8640.0	504919.7	5408640.9	7347.70020	262.25	54.29	48.830727	-86.932965	56139.04	56250.2	-0.19	56138.84	56138.83984	56145.81019	56145.80859	504919.7	5408640.9
T8640.0	504919.6	5408641.0	7347.79981	262.95	54.29	48.830727	-86.932966	56138.96	56250.2	-0.19	56138.77	56138.76953	56145.90378	56145.90234	504919.6	5408641.0
T8640.0	504919.5	5408641.0	7347.89990	262.28	54.72	48.830727	-86.932968	56139.11	56250.2	-0.19	56138.92	56138.92188	56146.00323	56146.00391	504919.5	5408641.0
T8640.0	504919.4	5408641.0	7348.00000	262.78	54.72	48.830727	-86.932969	56139.16	56250.2	-0.19	56138.97	56138.96875	56146.09687	56146.09766	504919.4	5408641.0
T8640.0	504919.4	5408641.0	7348.10010	261.93	54.72	48.830727	-86.932969	56139.24	56250.2	-0.19	56139.05	56139.05078	56146.18973	56146.19141	504919.4	5408641.0
T8640.0	504919.3	5408641.0	7348.20020	260.31	54.26	48.830727	-86.932971	56139.23	56250.2	-0.19	56139.04	56139.03906	56146.28025	56146.28125	504919.3	5408641.0
T8640.0	504919.1	5408641.0	7348.29981	260.21	54.26	48.830728	-86.932973	56139.36	56250.2	-0.20	56139.17	56139.17188	56146.37286	56146.37109	504919.1	5408641.0
T8640.0	504919.0	5408641.0	7348.39990	260.52	54.06	48.830728	-86.932974	56139.39	56250.2	-0.20	56139.19	56139.19141	56146.46491	56146.46484	504919.0	5408641.0
T8640.0	504918.9	5408641.0	7348.50000	258.41	54.06	48.830728	-86.932975	56139.45	56250.2	-0.20	56139.25	56139.25000	56146.55916	56146.55859	504918.9	5408641.0
T8640.0	504918.9	5408641.0	7348.60010	257.52	54.45	48.830728	-86.932975	56139.52	56250.2	-0.20	56139.31	56139.30859	56146.65485	56146.65625	504918.9	5408641.0
T8640.0	504918.8	5408641.0	7348.70020	257.58	54.24	48.830728	-86.932977	56139.56	56250.2	-0.20	56139.36	56139.35938	56146.75120	56146.75000	504918.8	5408641.0
T8640.0	504918.7	5408641.0	7348.79981	256.81	54.24	48.830728	-86.932979	56139.62	56250.2	-0.21	56139.42	56139.42188	56146.84724	56146.84766	504918.7	5408641.0
T8640.0	504918.6	5408641.0	7348.89990	258.43	52.05	48.830728	-86.932980	56139.72	56250.2	-0.21	56139.51	56139.51172	56146.94155	56146.94141	504918.6	5408641.0
T8640.0	504918.6	5408641.0	7349.00000	257.12	51.04	48.830728	-86.932980	56139.82	56250.2	-0.21	56139.61	56139.60938	56147.03355	56147.03516	504918.6	5408641.0
T8640.0	504918.4	5408641.1	7349.10010	258.96	51.04	48.830728	-86.932982	56139.87	56250.2	-0.21	56139.66	56139.66016	56147.12433	56147.12500	504918.4	5408641.1
T8640.0	504918.4	5408641.1	7349.20020	258.33	51.02	48.830728	-86.932983	56139.95	56250.2	-0.21	56139.74	56139.73828	56147.21103	56147.21094	504918.4	5408641.1
T8640.0	504918.2	5408641.1	7349.29981	257.51	50.42	48.830728	-86.932985	56140.05	56250.2	-0.20	56139.84	56139.83984	56147.29288	56147.29297	504918.2	5408641.1
T8640.0	504918.2	5408641.1	7349.39990	256.53	50.42	48.830728	-86.932985	56140.07	56250.2	-0.20	56139.87	56139.87109	56147.37304	56147.37109	504918.2	5408641.1
T8640.0	504918.1	5408641.1	7349.50000	256.30	49.69	48.830728	-86.932987	56140.13	56250.2	-0.20	56139.93	56139.92969	56147.44675	56147.44531	504918.1	5408641.1
T8640.0	504918.0	5408641.1	7349.60010	256.72	49.69	48.830728	-86.932988	56140.15	56250.2	-0.20	56139.95	56139.94922	56147.51683	56147.51563	504918.0	5408641.1
T8640.0	504917.9	5408641.1	7349.70020	258.49	49.69	48.830728	-86.932989	56140.25	56250.2	-0.20	56140.05	56140.05078	56147.57727	56147.57813	504917.9	5408641.1
T8640.0	504917.8	5408641.1	7349.79981	258.14	49.69	48.830728	-86.932991	56140.36	56250.2	-0.19	56140.16	56140.16016	56147.63154	56147.63281	504917.8	5408641.1
T8640.0	504917.8	5408641.1	7349.89990	259.21	49.15	48.830728	-86.932991	56140.43	56250.2	-0.19	56140.23	56140.23047	56147.68280	56147.68359	504917.8	5408641.1
T8640.0	504917.7	5408641.1	7350.00000	257.73	47.47	48.830728	-86.932992	56140.53	56250.2	-0.19	56140.34	56140.33984	56147.72748	56147.72656	504917.7	5408641.1
T8640.0	504917.6	5408641.1	7350.10010	256.90	47.47	48.830729	-86.932993	56140.53	56250.2	-0.19	56140.34	56140.33984	56147.77384	56147.77344	504917.6	5408641.1
T8640.0	504917.5	5408641.1	7350.20020	255.52	46.12	48.830729	-86.932995	56140.62	56250.2	-0.19	56140.43	56140.42969	56147.81311	56147.81250	504917.5	5408641.1
T8640.0	504917.4	5408641.1	7350.29981	257.38	44.94	48.830729	-86.932996	56140.68	56250.2	-0.20	56140.49	56140.48828	56147.85276	56147.85156	504917.4	5408641.1
T8640.0	504917.4	5408641.1	7350.39990	258.08	44.94	48.830729	-86.932996	56140.78	56250.2	-0.20	56140.58	56140.57813	56147.89170	56147.89063	504917.4	5408641.1
T8640.0	504917.3	5408641.1	7350.50000	256.77	44.19	48.830729	-86.932998	56140.91	56250.2	-0.20	56140.71	56140.71094	56147.93106	56147.92969	504917.3	5408641.1
T8640.0	504917.2	5408641.1	7350.60010	257.69	44.11	48.830729	-86.932999	56140.93	56250.2	-0.20	56140.72	56140.71875	56147.97897	56147.98047	504917.2	5408641.1
T8640.0	504917.1	5408641.1	7350.70020	259.49	44.11	48.830729	-86.933000	56141.02	56250.2	-0.20	56140.81	56140.80859	56148.02793	56148.02734	504917.1	5408641.1
T8640.0	504917.0	5408641.1	7350.79981	258.49	44.86	48.830729	-86.933002	56141.06	56250.2	-0.21	56140.86	56140.85938	56148.08383	56148.08203	504917.0	5408641.1
T8640.0	504916.9	5408641.1	7350.89990	257.91	44.78	48.830729	-86.933003	56141.18	56250.2	-0.21	56140.97	56140.96875	56148.14312	56148.14453	504916.9	5408641.1
T8640.0	504916.8	5408641.1	7351.00000	259.02	45.35	48.830729	-86.933004	56141.24	56250.2	-0.21	56141.03	56141.03125	56148.21094	56148.21094	504916.8	5408641.1
T8640.0	504916.7	5408641.1	7351.10010	258.70	45.35	48.830729	-86.933006	56141.36	56250.2	-0.21	56141.15	56141.14844	56148.28284	56148.28125	504916.7	5408641.1
T8640.0	504916.7	5408641.1	7351.20020	260.82	45.82	48.830729	-86.933006	56141.37	56250.2	-0.21	56141.16	56141.16016	56148.36682	56148.36719	504916.7	5408641.1
T8640.0	504916.6	5408641.1	7351.29981	260.35	47.03	48.830729	-86.933007	56141.51	56250.2	-0.21	56141.31	56141.30859	56148.44954	56148.44922	504916.6	5408641.1
T8640.0	504916.5	5408641.1	7351.39990	261.74	46.83	48.830729	-86.933008	56141.54	56250.2	-0.21	56141.34	56141.33984	56148.54479	56148.54297	504916.5	5408641.1
T8640.0	504916.4	5408641.1	7351.50000	260.53	46.83	48.830729	-86.933010	56141.66	56250.2	-0.21	56141.46	56141.46094	56148.60887	56148.60938	504916.4	5408641.1
T8640.0	504916.3	5408641.1	7351.60010	258.81	47.71	48.830729	-86.933011	56141.77	56250.2	-0.20	56141.57	56141.57031	56148.65696	56148.65625	504916.3	5408641.1
T8640.0	504916.2	5408641.1	7351.70020	259.20	47.69	48.830728	-86.933013	56141.84	56250.2	-0.20	56141.64	56141.64063	56148.70760	56148.70703	504916.2	5408641.1
T8640.0	504916.2	5408641.1	7351.79981	259.75	48.47	48.830728	-86.933013	56141.88	56250.2	-0.20	56141.67	56141.67188	56148.76080	56148.76172	504916.2	5408641.1
T8640.0	504916.1	5408641.1	7351.89990	254.39	46.56	48.830728	-86.933014	56142.02	56250.2	-0.20	56141.82	56141.82031	56148.80589	56148.80469	504916.1	5408641.1
T8640.0	504916.0	5408641.1	7352.00000	252.43	46.56	48.830728	-86.933015	56141.96	56250.2	-0.20	56141.76	56141.76172	56148.86488	56148.86328	504916.0	5408641.1
T8640.0	504915.9	5408641.1	7352.10010	251.35	46.39	48.830728	-86.933016	56141.99	56250.2	-0.20	56141.79	56141.78906	56148.91776	56148.91797	504915.9	5408641.1
T8640.0	504915.9	5408641.1	7352.20020	250.67	46.39	48.830728	-86.933017	56142.08	56250.2	-0.20	56141.88	56141.87891	56148.96654	56148.96484	504915.9	5408641.1
T8640.0	504915.8	5408641.1	7352.29981	251.97	48.64	48.830728	-86.933018	56142.09	56250.2	-0.20	56141.89	56141.89063	56149.02054	56149.01953	504915.8	5408641.1
T8640.0	504915.8	5408641.1	7352.39990	251.33	49.67	48.830728	-86.933019	56142.14	56250.2	-0.20	56141.94	56141.94141	56149.07176	56149.07031	504915.8	5408641.1
T8640.0	504915.7	5408641.1	7352.50000	252.13	49.67	48.830728	-86.933019	56142.12	56250.2	-0.21	56141.92	56141.92188	56149.12755	56149.12891	504915.7	5408641.1
T8640.0	504915.7	5408641.1	7352.60010	252.36	46.53	48.830728	-86.933020	56142.16	56250.2	-0.21	56141.95	56141.94922	56149.17991	56149.17969	504915.7	5408641.1
T8640.0	504915.7	5408641.1	7352.70020	251.90	46.53	48.830728	-86.933020	56142.17	56250.2	-0.21	56141.97	56141.96875	56149.23282	56149.23438	504915.7	5408641.1
T8640.0	504915.7	5408641.1	7352.79981	252.03	45.5	48.830728	-86.933020	56142.27	56250.2	-0.21	56142.06	56142.05859	56149.28097	56149.28125	504915.7	5408641.1
T8640.0	504915.6	5408641.1	7352.89990	252.79	44.79	48.830728	-86.933020	56142.28	56250.2	-0.21	56142.07	56142.07031	56149.33435	56149.33594	504915.6	5408641.1
T8640.0	504915.6	5408641.1	7353.00000	254.76	44.79	48.830729	-86.933021	56142.30	56250.2	-0.21	56142.09	56142.08984	56149.38697	56149.38672	504915.6	5408641.1
T8640.0	504915.6	5408641.1	7353.10010	257.33	46.48	48.830729	-86.933021	56142.40	56250.2	-0.21	56142.19	56142.19141	56149.43415	56149.43359	504915.6	5408641.1
T8640.0	504915.6	5408641.1	7353.20020	259.00	47.7	48.830729	-86.933021	56142.47	56250.2	-0.21	56142.26	56142.26172	56149.48323	56149.48438	504915.6	5408641.1
T8640.0	504915.6	5408641.2	7353.29981	257.82	47.7	48.830729	-86.933021	56142.47	56250.2	-0.21	56142.26	56142.26172	56149.53689	56149.53516	504915.6	5408641.2
T8640.0	504915.5	5408641.2	7353.39990	253.23	43.05	48.830729	-86.933022	56142.52	56250.2	-0.21	56142.31	56142.30859	56149.58711	56149.58594	504915.5	5408641.2
T8640.0	504915.5	5408641.2	7353.50000	252.83	48.09	48.830729	-86.933022	56142.55	56250.2	-0.21	56142.34	56142.33984	56149.63858	56149.63672	504915.5	5408641.2
T8640.0	504915.4	5408641.2	7353.60010	253.67	49.93	48.830729	-86.933023	56142.56	56250.2	-0.22	56142.34	56142.33984	56149.69195	56149.69141	504915.4	5408641.2
T8640.0	504915.3	5408641.2	7353.70020	253.59	49.93	48.830729	-86.933025	56142.52	56250.2	-0.22	56142.31	56142.30859	56149.74723	56149.74609	504915.3	5408641.2
T8640.0	504915.2	5408641.2	7353.79981	255.66	49.89	48.830729	-86.933026	56142.52	56250.2	-0.22	56142.31	56142.30859	56149.80042	56149.80078	504915.2	5408641.2
T8640.0	504915.2	5408641.2	7353.89990	256.89	49.89	48.830729	-86.933026	56142.50	56250.2	-0.22	56142.28	56142.28125	56149.85552	56149.85547	504915.2	5408641.2
T8640.0	504915.1	5408641.2	7354.00000	255.38	50.19	48.830729	-86.933027	56142.50	56250.2	-0.22	56142.28	56142.28125	56149.90853	56149.91016	504915.1	5408641.2
T8640.0	504915.0	5408641.2	7354.10010	255.22	49.45	48.830729	-86.933029	56142.50	56250.2	-0.22	56142.28	56142.28125	56149.96146	56149.96094	504915.0	5408641.2

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
T8640.0	504914.8	5408641.2	7354.20020	259.32	49.45	48.830729	-86.933031	56142.52	56250.2	-0.22	56142.31	56142.30859	56150.01230	56150.01172	504914.8	5408641.2
T8640.0	504914.7	5408641.2	7354.29981	259.68	49.96	48.830729	-86.933034	56142.52	56250.2	-0.22	56142.31	56142.30859	56150.06506	56150.06641	504914.7	5408641.2
T8640.0	504914.5	5408641.2	7354.39990	258.02	45.4	48.830729	-86.933035	56142.56	56250.2	-0.22	56142.34	56142.33984	56150.11573	56150.11719	504914.5	5408641.2
T8640.0	504914.3	5408641.2	7354.50000	258.14	43.32	48.830729	-86.933038	56142.60	56250.2	-0.21	56142.39	56142.39063	56150.16499	56150.16406	504914.3	5408641.2
T8640.0	504914.3	5408641.2	7354.60010	256.52	43.32	48.830729	-86.933038	56142.60	56250.2	-0.21	56142.39	56142.39063	56150.21750	56150.21875	504914.3	5408641.2
T8640.0	504914.1	5408641.2	7354.70020	256.13	42.18	48.830729	-86.933041	56142.70	56250.2	-0.21	56142.49	56142.48828	56150.26326	56150.26172	504914.1	5408641.2
T8640.0	504913.9	5408641.2	7354.79981	254.79	42.95	48.830729	-86.933044	56142.70	56250.2	-0.21	56142.49	56142.48828	56150.31561	56150.31641	504913.9	5408641.2
T8640.0	504913.8	5408641.2	7354.89990	255.40	42.99	48.830729	-86.933046	56142.75	56250.2	-0.21	56142.54	56142.53906	56150.36455	56150.36328	504913.8	5408641.2
T8640.0	504913.6	5408641.2	7355.00000	256.73	42.99	48.830729	-86.933049	56142.83	56250.2	-0.21	56142.62	56142.62109	56150.41141	56150.41016	504913.6	5408641.2
T8640.0	504913.3	5408641.2	7355.10010	256.74	42.74	48.830729	-86.933052	56142.86	56250.2	-0.21	56142.64	56142.64063	56150.46219	56150.46094	504913.3	5408641.2
T8640.0	504913.1	5408641.2	7355.20020	255.58	42.49	48.830729	-86.933055	56142.88	56250.2	-0.22	56142.66	56142.66016	56150.51289	56150.51172	504913.1	5408641.2
T8640.0	504913.1	5408641.2	7355.29981	256.64	42	48.830729	-86.933055	56142.93	56250.2	-0.22	56142.71	56142.71094	56150.56152	56150.56250	504913.1	5408641.2
T8640.0	504912.6	5408641.2	7355.39990	256.91	42	48.830729	-86.933061	56142.98	56250.2	-0.22	56142.76	56142.76172	56150.61007	56150.60938	504912.6	5408641.2
T8640.0	504912.6	5408641.2	7355.50000	253.98	43.02	48.830729	-86.933061	56143.01	56250.2	-0.22	56142.78	56142.78125	56150.66054	56150.66016	504912.6	5408641.2
T8640.0	504912.4	5408641.1	7355.60010	254.03	43.02	48.830729	-86.933065	56143.06	56250.2	-0.23	56142.83	56142.82813	56150.70893	56150.70703	504912.4	5408641.1
T8640.0	504912.0	5408641.1	7355.70020	255.86	43.2	48.830729	-86.933070	56143.14	56250.2	-0.23	56142.91	56142.91016	56150.75524	56150.75391	504912.0	5408641.1
T8640.0	504911.8	5408641.1	7355.79981	254.08	43.72	48.830729	-86.933073	56143.11	56250.2	-0.23	56142.88	56142.87891	56150.80881	56150.80859	504911.8	5408641.1
T8640.0	504911.3	5408641.1	7355.89990	253.51	43.56	48.830728	-86.933079	56143.21	56250.2	-0.24	56142.97	56142.96875	56150.85430	56150.85547	504911.3	5408641.1
T8640.0	504911.3	5408641.1	7356.00000	255.12	43.84	48.830728	-86.933079	56143.26	56250.2	-0.24	56143.02	56143.01953	56150.90238	56150.90234	504911.3	5408641.1
T8640.0	504911.0	5408641.1	7356.10010	256.33	43.84	48.830728	-86.933083	56143.33	56250.2	-0.24	56143.09	56143.08984	56150.94905	56150.94922	504911.0	5408641.1
T8640.0	504910.6	5408641.1	7356.20020	255.88	44.91	48.830728	-86.933088	56143.41	56250.2	-0.23	56143.18	56143.17969	56150.99430	56150.99609	504910.6	5408641.1
T8640.0	504910.3	5408641.0	7356.29981	255.51	45.33	48.830728	-86.933094	56143.46	56250.2	-0.23	56143.23	56143.23047	56151.04213	56151.04297	504910.3	5408641.0
T8640.0	504909.9	5408641.0	7356.39990	254.70	45.72	48.830728	-86.933099	56143.52	56250.2	-0.23	56143.29	56143.28906	56151.08921	56151.08984	504909.9	5408641.0
T8640.0	504909.4	5408641.0	7356.50000	255.34	46.34	48.830727	-86.933105	56143.57	56250.2	-0.22	56143.34	56143.33984	56151.13688	56151.13672	504909.4	5408641.0
T8640.0	504909.0	5408641.0	7356.60010	256.78	47.02	48.830727	-86.933111	56143.61	56250.2	-0.22	56143.39	56143.39063	56151.18446	56151.18359	504909.0	5408641.0
T8640.0	504909.0	5408641.0	7356.70020	256.92	49.63	48.830727	-86.933111	56143.62	56250.2	-0.22	56143.40	56143.39844	56151.23461	56151.23438	504909.0	5408641.0
T8640.0	504908.5	5408640.9	7356.79981	256.13	49.63	48.830727	-86.933117	56143.74	56250.2	-0.22	56143.53	56143.53125	56151.27668	56151.27734	504908.5	5408640.9
T8640.0	504908.2	5408640.9	7356.89990	257.15	48.69	48.830727	-86.933122	56143.78	56250.2	-0.21	56143.57	56143.57031	56151.32466	56151.32422	504908.2	5408640.9
T8640.0	504907.8	5408640.9	7357.00000	256.11	48.69	48.830727	-86.933127	56143.90	56250.2	-0.21	56143.69	56143.69141	56151.36721	56151.36719	504907.8	5408640.9
T8640.0	504907.4	5408640.9	7357.10010	255.72	45.84	48.830726	-86.933133	56143.87	56250.2	-0.21	56143.66	56143.66016	56151.41967	56151.41797	504907.4	5408640.9
T8640.0	504907.0	5408640.9	7357.20020	255.13	47.29	48.830726	-86.933138	56143.97	56250.2	-0.21	56143.76	56143.76172	56151.46336	56151.46484	504907.0	5408640.9
T8640.0	504907.0	5408640.9	7357.29981	255.72	47.29	48.830726	-86.933138	56144.04	56250.2	-0.21	56143.83	56143.82813	56151.50895	56151.50781	504907.0	5408640.9
T8640.0	504906.3	5408640.8	7357.39990	252.71	49.17	48.830726	-86.933147	56144.10	56250.2	-0.21	56143.88	56143.87891	56151.55578	56151.55469	504906.3	5408640.8
T8640.0	504905.8	5408640.8	7357.50000	252.95	49.17	48.830726	-86.933155	56144.16	56250.2	-0.21	56143.95	56143.94922	56151.60117	56151.60156	504905.8	5408640.8
T8640.0	504905.3	5408640.8	7357.60010	252.03	47.56	48.830726	-86.933161	56144.31	56250.2	-0.22	56144.09	56144.08984	56151.64178	56151.64063	504905.3	5408640.8
T8640.0	504904.7	5408640.8	7357.70020	251.45	46.31	48.830726	-86.933170	56144.29	56250.2	-0.22	56144.08	56144.07813	56151.69229	56151.69141	504904.7	5408640.8
T8640.0	504904.2	5408640.8	7357.79981	252.78	46.31	48.830726	-86.933177	56144.40	56250.2	-0.22	56144.18	56144.17969	56151.73536	56151.73438	504904.2	5408640.8
T8640.0	504904.2	5408640.8	7357.89990	253.54	47.35	48.830726	-86.933177	56144.52	56250.2	-0.22	56144.30	56144.30078	56151.77698	56151.77734	504904.2	5408640.8
T8640.0	504903.5	5408640.7	7358.00000	252.93	49.72	48.830725	-86.933186	56144.56	56250.2	-0.22	56144.34	56144.33984	56151.82382	56151.82422	504903.5	5408640.7
T8640.0	504903.0	5408640.7	7358.10010	254.70	49.73	48.830725	-86.933193	56144.68	56250.2	-0.22	56144.45	56144.44922	56151.86587	56151.86719	504903.0	5408640.7
T8640.0	504902.4	5408640.7	7358.20020	252.70	49.82	48.830725	-86.933201	56144.77	56250.2	-0.22	56144.55	56144.55078	56151.90848	56151.91016	504902.4	5408640.7
T8640.0	504901.8	5408640.7	7358.29981	252.79	49.82	48.830725	-86.933208	56144.73	56250.2	-0.23	56144.51	56144.51172	56151.96030	56151.96094	504901.8	5408640.7
T8640.0	504901.2	5408640.7	7358.39990	251.07	49.8	48.830725	-86.933217	56144.88	56250.2	-0.23	56144.65	56144.64844	56151.99999	56152.00000	504901.2	5408640.7
T8640.0	504900.5	5408640.7	7358.50000	251.37	49.57	48.830724	-86.933226	56144.95	56250.2	-0.23	56144.72	56144.71875	56152.04423	56152.04297	504900.5	5408640.7
T8640.0	504900.5	5408640.7	7358.60010	252.96	48.6	48.830724	-86.933226	56145.04	56250.2	-0.23	56144.81	56144.80859	56152.08700	56152.08594	504900.5	5408640.7
T8640.0	504899.5	5408640.6	7358.70020	251.87	48.6	48.830724	-86.933240	56145.08	56250.2	-0.23	56144.84	56144.83984	56152.13365	56152.13281	504899.5	5408640.6
T8640.0	504898.8	5408640.6	7358.79981	252.29	49.22	48.830724	-86.933250	56145.16	56250.2	-0.24	56144.92	56144.92188	56152.17684	56152.17578	504898.8	5408640.6
T8640.0	504898.8	5408640.6	7358.89990	253.71	38.4	48.830724	-86.933250	56145.21	56250.2	-0.24	56144.97	56144.96875	56152.22189	56152.22266	504898.8	5408640.6
T8640.0	504898.1	5408640.6	7359.00000	254.88	38.4	48.830724	-86.933259	56145.23	56250.2	-0.24	56144.99	56144.98828	56152.26882	56152.26953	504898.1	5408640.6
T8640.0	504897.4	5408640.5	7359.10010	254.87	39.49	48.830723	-86.933269	56145.37	56250.2	-0.24	56145.13	56145.12891	56152.30761	56152.30859	504897.4	5408640.5
T8640.0	504896.7	5408640.5	7359.20020	255.02	39.14	48.830723	-86.933278	56145.38	56250.2	-0.24	56145.14	56145.14063	56152.35493	56152.35547	504896.7	5408640.5
T8640.0	504896.1	5408640.5	7359.29981	256.85	39.14	48.830723	-86.933287	56145.46	56250.2	-0.24	56145.22	56145.21875	56152.39745	56152.39844	504896.1	5408640.5
T8640.0	504895.3	5408640.5	7359.39990	256.16	42.19	48.830723	-86.933297	56145.54	56250.2	-0.24	56145.30	56145.30078	56152.43983	56152.44141	504895.3	5408640.5
T8640.0	504894.5	5408640.5	7359.50000	255.64	45.76	48.830723	-86.933308	56145.59	56250.2	-0.24	56145.35	56145.35156	56152.48408	56152.48438	504894.5	5408640.5
T8640.0	504894.0	5408640.5	7359.60010	254.01	45.76	48.830723	-86.933316	56145.59	56250.2	-0.24	56145.35	56145.35156	56152.53153	56152.53125	504894.0	5408640.5
T8640.0	504894.0	5408640.5	7359.70020	253.68	44.89	48.830723	-86.933316	56145.71	56250.2	-0.24	56145.47	56145.46875	56152.57084	56152.57031	504894.0	5408640.5
T8640.0	504893.1	5408640.5	7359.79981	253.63	44.89	48.830723	-86.933328	56145.76	56250.2	-0.24	56145.52	56145.51953	56152.61469	56152.61328	504893.1	5408640.5
T8640.0	504892.3	5408640.5	7359.89990	252.99	41.18	48.830723	-86.933339	56145.79	56250.2	-0.24	56145.55	56145.55078	56152.65973	56152.66016	504892.3	5408640.5
T8640.0	504891.1	5408640.5	7360.00000	253.51	37.84	48.830723	-86.933355	56145.92	56250.2	-0.24	56145.68	56145.67969	56152.69798	56152.69922	504891.1	5408640.5
T8640.0	504890.7	5408640.5	7360.10010	253.60	37.84	48.830723	-86.933360	56145.92	56250.2	-0.24	56145.68	56145.67969	56152.74476	56152.74609	504890.7	5408640.5
T8640.0	504890.0	5408640.5	7360.20020	252.51	41.34	48.830723	-86.933370	56145.99	56250.2	-0.24	56145.75	56145.75000	56152.78675	56152.78516	504890.0	5408640.5
T8640.0	504889.3	5408640.5	7360.29981	253.35	48.18	48.830723	-86.933380	56146.04	56250.2	-0.24	56145.80	56145.80078	56152.82995	56152.82813	504889.3	5408640.5
T8640.0	504888.5	5408640.5	7360.39990	253.39	48.18	48.830723	-86.933389	56146.17	56250.2	-0.24	56145.93	56145.92969	56152.86769	56152.86719	504888.5	5408640.5
T8640.0	504887.5	5408640.5	7360.50000	254.53	47.77	48.830723	-86.933403	56146.19	56250.2	-0.24	56145.94	56145.94141	56152.91332	56152.91406	504887.5	5408640.5
T8640.0	504886.9	5408640.5	7360.60010	254.98	47.62	48.830723	-86.933412	56146.20	56250.2	-0.25	56145.95	56145.94922	56152.95882	56152.95703	504886.9	5408640.5
T8640.0	504886.1	5408640.4	7360.70020	255.10	47.62	48.830723	-86.933422	56146.27	56250.2	-0.25	56146.03	56146.03125	56152.99955	56153.00000	504886.1	5408640.4
T8640.0	504886.1	5408640.4	7360.79981	255.27	46.18	48.830723	-86.933422	56146.32	56250.2	-0.25	56146.08	56146.07813	56153.04218	56153.04297	504886.1	5408640.4
T8640.0	504885.1	5408640.4	7360.89990	255.15	45.93	48.830723	-86.933436	56146.38	56250.2	-0.25	56146.13	56146.12891	56153.08470	56153.08594	504885.1	5408640.4
T8640.0	504884.3	5408640.4	7361.00000	254.60	45.93	48.830723	-86.933447	56146.36	56250.3	-0.25	56146.11	56146.10938	56153.13180	56153.13281	504884.3	5408640.4
T8640.0	504884.3	5408640.4	7361.10010	254.63	45.19	48.830723	-86.933447	56146.35	56250.3	-0.25	56146.10	56146.10156	56153.17813	56153.17969	504884.3	5408640.4
T8640.0	504882.5	5408640.4	7361.20020	254.88	45.19	48.830723	-86.933472	56146.38	56250.3	-0.25	56146.12	56146.12109	56153.22239	56153.22266	504882.5	5408640.4
T8640.0	504882.5	5408640.4	7361.29981	254.99	46.93	48.830723	-86.933472	56146.40	56250.3	-0.26	56146.14	56146.14063	56153.26657	56153.26563	504882.5	5408640.4
T8640.0	504881.5	5408640.4	7361.39990	254.35	46.05	48.830723	-86.933485	56146.42	56250.3	-0.26	56146.16	56146.16016	56153.31068	56153.31250	504881.5	5408640.4
T8640.0	504880.8	5408640.4	7361.50000	253.27	44.98	48.830723	-86.933496	56146.46	56250.3	-0.26	56146.20	56146.19922	56153.35340	56153.35156	504880.8	5408640.4
T8640.0	504879.8	5408640.4	7361.60010	252.89	44.98	48.830723	-86.933509	56146.47	56250.3	-0.26	56146.21	56146.21094	56153.39807	56153.39844	504879.8	5408640.4
T8640.0	504879.1	5408640.4	7361.70020	251.09	44.98	48.830723	-86.933519	56146.45	56250.3	-0.26	56146.19	56146.19141	56153.44469	56153.44531	504879.1	5408640.4
T8640.0	504877.9	5408640.4	7361.79981	250.93	47.46	48.830723	-86.933534	56146.47	56250.3	-0.27	56146.21	56146.21094	56153.48862	56153.48828	504877.9	5408640.4
T8640.0	504877.9	5408640.4	7361.89990	250.85	45.73	48.830723	-86.933534	56146.52	56250.3	-0.27	56146.25	56146.25000	56153.53120	56153.53125	504877.9	5408640.4
T8640.0	504877.1	5408640.4	7362.00000	251.08	45.66	48.830723	-86.933546	56146.42	56250.3	-0.27	56146.15	56146.14844	56153.58309	56153.58203	504877.1	5408640.4
T8640.0	504876.0	5408640.4	7362.10010	251.25	45.66	48.830723	-86.933561	56146.42	56250.3	-0.27	56146.15	56146.14844	56153.62833	56153.62891	504876.0	5408640.4
T8640.0	504874.9	5408640.4	7362.20020	253.39	46.07	48.830723	-86.933575	56146.38	56250.3	-0.27	56146.11	56146.10938	56153.67624	56153.67578	504874.9	5408640.4
T8640.0	504874.3	5408640.4	7362.29981	252.84	46.07	48.830723	-86.933584	56146.41	56250.3	-0.27	56146.14	56146.14063	56153.71951	56153.71875	504874.3	5408640.4
T8640.0	504873.0	5408640.5	7362.39990	253.86	45.26	48.830723	-86.933601	56146.35	56250.3	-0.27	56146.08	56146.07813	56153.76882	56153.76953	504873.0	5408640.5
T8640.0	504873.0	5408640.5	7362.50000	255.08	45.93	48.830723	-86.933601	56146.35	56250.3	-0.27	56146.08	56146.07813	56153.81419	56153.81250	504873.0	5408640.5
T8640.0	504871.9	5408640.5	7362.60010	255.37	46.89	48.830723	-86.933616	56146.27	56250.3	-0.27	56146.00	56146.00000	56153.86496	56153.86328	504871.9	5408640.5
T8640.0	504871.1	5408640.5	7362.70020	254.98	43.15	48.830723	-86.933628	56146.22	56250.3	-0.27	56145.95	56145.94922	56153.91381	56153.91406	504871.1	5408640.5
T8640.0	504869.8	5408640.5	7362.79981	254.81	43.15	48.830723	-86.933645	56146.14	56250.3	-0.27	56145.88	56145.87891	56153.96410	56153.96484	504869.8	5408640.5
T8640.0	504869.4	5408640.5	7362.89990	253.21	44.33	48.830723	-86.933650	56146.11	56250.3	-0.27	56145.84	56145.83984	56154.01249	56154.01172	504869.4	5408640.5
T8640.0	504868.5	5408640.5	7363.00000	253.76	44.33	48.830723	-86.933663	56146.04	56250.3	-0.27	56145.77	56145.76953	56154.06303	56154.06250	504868.5	5408640.5
T8640.0	504867.4	5408640.5	7363.10010	253.61	44.67	48.830723	-86.933677	56145.99	56250.3	-0.27	56145.72	56145.71875	56154.11237	56154.11328	504867.4	5408640.5
T8640.0	504866.2	5408640.5	7363.20020	254.22	44.25	48.830724	-86.933694	56145.87	56250.3	-0.27	56145.60	56145.60156	56154.16655	56154.16797	504866.2	5408640.5
T8640.0	504866.2	5408640.5	7363.29981	252.44	44.25	48.830724	-86.933694	56145.84	56250.3	-0.27	56145.57	56145.57031	56154.21492	56154.21484	504866.2	5408640.5
T8640.0	504865.4	5408640.6	7363.39990	252.94	44.46	48.830724	-86.933705	56145.71	56250.3	-0.27	56145.45	56145.44922	56154.26949	56154.26953	504865.4	5408640.6

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
T8640.0	504864.2	5408640.6	7363.50000	252.55	45.52	48.830724	-86.933721	56145.69	56250.3	-0.27	56145.42	56145.42188	56154.31828	56154.31641	504864.2	5408640.6
T8640.0	504863.2	5408640.6	7363.60010	254.38	45.52	48.830724	-86.933735	56145.62	56250.3	-0.27	56145.35	56145.35156	56154.36998	56154.37109	504863.2	5408640.6
T8640.0	504862.1	5408640.6	7363.70020	253.63	46.32	48.830725	-86.933750	56145.51	56250.3	-0.27	56145.24	56145.23828	56154.42461	56154.42578	504862.1	5408640.6
T8640.0	504861.3	5408640.7	7363.79981	253.56	46.32	48.830725	-86.933760	56145.46	56250.3	-0.27	56145.19	56145.19141	56154.47552	56154.47656	504861.3	5408640.7
T8640.0	504860.1	5408640.7	7363.89990	252.39	48.59	48.830725	-86.933777	56145.39	56250.3	-0.27	56145.13	56145.12891	56154.52741	56154.52734	504860.1	5408640.7
T8640.0	504860.1	5408640.7	7364.00000	252.80	45.52	48.830725	-86.933777	56145.28	56250.3	-0.27	56145.01	56145.01172	56154.58362	56154.58203	504860.1	5408640.7
T8640.0	504858.9	5408640.7	7364.10010	252.85	45.52	48.830726	-86.933794	56145.21	56250.3	-0.27	56144.94	56144.94141	56154.63685	56154.63672	504858.9	5408640.7
T8640.0	504858.9	5408640.7	7364.20020	252.02	43.79	48.830726	-86.933794	56145.08	56250.3	-0.27	56144.80	56144.80078	56154.69512	56154.69531	504858.9	5408640.7
T8640.0	504856.7	5408640.8	7364.29981	252.42	44.98	48.830726	-86.933824	56144.96	56250.3	-0.28	56144.69	56144.69141	56154.75177	56154.75000	504856.7	5408640.8
T8640.0	504855.7	5408640.8	7364.39990	252.80	44.98	48.830726	-86.933837	56144.90	56250.3	-0.28	56144.62	56144.62109	56154.80618	56154.80469	504855.7	5408640.8
T8640.0	504855.7	5408640.8	7364.50000	252.16	45.14	48.830726	-86.933837	56144.77	56250.3	-0.28	56144.49	56144.48828	56154.86503	56154.86328	504855.7	5408640.8
T8640.0	504854.6	5408640.8	7364.60010	254.24	45.14	48.830726	-86.933852	56144.65	56250.3	-0.28	56144.37	56144.37109	56154.92367	56154.92188	504854.6	5408640.8
T8640.0	504853.3	5408640.9	7364.70020	254.20	46.37	48.830727	-86.933869	56144.64	56250.3	-0.28	56144.35	56144.35156	56154.97614	56154.97656	504853.3	5408640.9
T8640.0	504852.4	5408640.9	7364.79981	254.36	47.83	48.830727	-86.933882	56144.44	56250.3	-0.29	56144.15	56144.14844	56155.04111	56155.04297	504852.4	5408640.9
T8640.0	504852.4	5408640.9	7364.89990	254.46	47.83	48.830727	-86.933882	56144.40	56250.3	-0.29	56144.11	56144.10938	56155.09595	56155.09766	504852.4	5408640.9
T8640.0	504851.0	5408640.9	7365.00000	253.11	46.13	48.830727	-86.933901	56144.24	56250.3	-0.29	56143.95	56143.94922	56155.15935	56155.16016	504851.0	5408640.9
T8640.0	504849.8	5408640.9	7365.10010	253.69	42.4	48.830727	-86.933917	56144.23	56250.3	-0.29	56143.94	56143.94141	56155.21334	56155.21484	504849.8	5408640.9
T8640.0	504848.5	5408640.9	7365.20020	254.36	42.4	48.830727	-86.933935	56144.02	56250.3	-0.29	56143.73	56143.73047	56155.28127	56155.28125	504848.5	5408640.9
T8640.0	504847.6	5408641.0	7365.29981	253.83	42.4	48.830728	-86.933947	56143.92	56250.3	-0.29	56143.63	56143.62891	56155.34250	56155.34375	504847.6	5408641.0
T8640.0	504846.5	5408641.0	7365.39990	253.44	41.36	48.830728	-86.933963	56143.77	56250.3	-0.29	56143.48	56143.48047	56155.40772	56155.40625	504846.5	5408641.0
T8640.0	504845.3	5408641.0	7365.50000	252.87	40.68	48.830728	-86.933978	56143.74	56250.3	-0.29	56143.45	56143.44922	56155.46562	56155.46484	504845.3	5408641.0
T8640.0	504844.3	5408641.0	7365.60010	253.52	40.68	48.830728	-86.933993	56143.61	56250.3	-0.29	56143.32	56143.32031	56155.53090	56155.53125	504844.3	5408641.0
T8640.0	504843.3	5408641.0	7365.70020	253.35	51.68	48.830728	-86.934006	56143.46	56250.3	-0.29	56143.17	56143.17188	56155.59825	56155.59766	504843.3	5408641.0
T8640.0	504843.3	5408641.0	7365.79981	251.92	52.62	48.830728	-86.934006	56143.36	56250.3	-0.29	56143.07	56143.07031	56155.66302	56155.66406	504843.3	5408641.0
T8640.0	504842.4	5408641.0	7365.89990	249.75	52.62	48.830728	-86.934018	56143.34	56250.3	-0.29	56143.05	56143.05078	56155.72325	56155.72266	504842.4	5408641.0
T8640.0	504841.0	5408641.0	7366.00000	248.79	53.06	48.830728	-86.934037	56143.21	56250.3	-0.29	56142.92	56142.92188	56155.79161	56155.79297	504841.0	5408641.0
T8640.0	504839.8	5408641.0	7366.10010	249.63	53.06	48.830728	-86.934053	56143.14	56250.3	-0.29	56142.85	56142.85156	56155.85681	56155.85547	504839.8	5408641.0
T8640.0	504839.8	5408641.0	7366.20020	249.90	48.33	48.830728	-86.934053	56143.04	56250.3	-0.29	56142.74	56142.73828	56155.92553	56155.92578	504839.8	5408641.0
T8640.0	504838.5	5408641.0	7366.29981	252.13	48.33	48.830728	-86.934072	56142.88	56250.3	-0.30	56142.58	56142.57813	56155.99847	56156.00000	504838.5	5408641.0
T8640.0	504837.1	5408641.0	7366.39990	251.04	40.91	48.830728	-86.934091	56142.75	56250.3	-0.30	56142.46	56142.46094	56156.06965	56156.07031	504837.1	5408641.0
T8640.0	504837.1	5408641.0	7366.50000	251.93	40.84	48.830728	-86.934091	56142.73	56250.3	-0.30	56142.43	56142.42969	56156.13577	56156.13672	504837.1	5408641.0
T8640.0	504835.7	5408641.0	7366.60010	252.34	40.84	48.830728	-86.934110	56142.58	56250.3	-0.30	56142.28	56142.28125	56156.21083	56156.21094	504835.7	5408641.0
T8640.0	504834.5	5408641.0	7366.70020	252.96	43.08	48.830728	-86.934126	56142.55	56250.3	-0.30	56142.25	56142.25000	56156.27888	56156.27734	504834.5	5408641.0
T8640.0	504833.1	5408641.0	7366.79981	252.39	43.4	48.830728	-86.934145	56142.45	56250.3	-0.31	56142.14	56142.14063	56156.35326	56156.35156	504833.1	5408641.0
T8640.0	504832.1	5408641.0	7366.89990	253.43	43.4	48.830728	-86.934158	56142.38	56250.3	-0.31	56142.07	56142.07031	56156.42600	56156.42578	504832.1	5408641.0
T8640.0	504832.1	5408641.0	7367.00000	254.05	51.23	48.830728	-86.934158	56142.34	56250.3	-0.31	56142.03	56142.03125	56156.49778	56156.49609	504832.1	5408641.0
T8640.0	504830.9	5408641.0	7367.10010	253.47	51.23	48.830728	-86.934175	56142.30	56250.3	-0.31	56141.99	56141.98828	56156.57064	56156.57031	504830.9	5408641.0
T8640.0	504829.7	5408641.0	7367.20020	254.30	50.8	48.830728	-86.934192	56142.14	56250.3	-0.31	56141.83	56141.82813	56156.65258	56156.65234	504829.7	5408641.0
T8640.0	504828.4	5408641.0	7367.29981	254.73	52.39	48.830728	-86.934210	56142.12	56250.3	-0.32	56141.81	56141.80859	56156.72631	56156.72656	504828.4	5408641.0
T8640.0	504828.4	5408641.0	7367.39990	254.99	53.88	48.830728	-86.934210	56142.11	56250.3	-0.32	56141.79	56141.78906	56156.80117	56156.80078	504828.4	5408641.0
T8640.0	504826.1	5408641.0	7367.50000	254.06	53.88	48.830728	-86.934240	56141.96	56250.3	-0.32	56141.64	56141.64063	56156.88585	56156.88672	504826.1	5408641.0
T8640.0	504826.1	5408641.0	7367.60010	252.71	54.75	48.830728	-86.934240	56141.99	56250.3	-0.32	56141.67	56141.67188	56156.95971	56156.96094	504826.1	5408641.0
T8640.0	504824.6	5408641.0	7367.70020	253.13	54.17	48.830728	-86.934261	56141.96	56250.3	-0.32	56141.64	56141.64063	56157.03876	56157.03906	504824.6	5408641.0
T8640.0	504823.4	5408641.0	7367.79981	253.16	54.17	48.830728	-86.934277	56141.88	56250.3	-0.33	56141.55	56141.55078	56157.12303	56157.12109	504823.4	5408641.0
T8640.0	504823.4	5408641.0	7367.89990	253.31	53.59	48.830728	-86.934277	56141.89	56250.3	-0.33	56141.56	56141.55859	56157.20186	56157.20313	504823.4	5408641.0
T8640.0	504822.0	5408641.0	7368.00000	252.01	53.59	48.830728	-86.934296	56141.85	56250.3	-0.33	56141.52	56141.51953	56157.28527	56157.28516	504822.0	5408641.0
T8640.0	504820.5	5408641.0	7368.10010	252.92	55.12	48.830728	-86.934317	56141.84	56250.3	-0.33	56141.51	56141.51172	56157.36796	56157.36719	504820.5	5408641.0
T8640.0	504819.6	5408641.0	7368.20020	253.45	54.12	48.830728	-86.934329	56141.82	56250.3	-0.33	56141.49	56141.48828	56157.45259	56157.45313	504819.6	5408641.0
T8640.0	504818.5	5408641.0	7368.29981	253.73	54.12	48.830728	-86.934344	56141.85	56250.3	-0.32	56141.53	56141.53125	56157.53452	56157.53516	504818.5	5408641.0
T8640.0	504817.3	5408641.0	7368.39990	253.10	56.18	48.830728	-86.934360	56141.84	56250.3	-0.32	56141.52	56141.51953	56157.62111	56157.62109	504817.3	5408641.0
T8640.0	504817.3	5408641.0	7368.50000	252.23	55.23	48.830728	-86.934360	56141.90	56250.3	-0.32	56141.58	56141.57813	56157.70436	56157.70313	504817.3	5408641.0
T8640.0	504815.8	5408641.0	7368.60010	253.40	55.23	48.830728	-86.934381	56141.92	56250.3	-0.32	56141.60	56141.60156	56157.79163	56157.79297	504815.8	5408641.0
T8640.0	504814.7	5408640.9	7368.70020	254.17	54.79	48.830728	-86.934396	56141.96	56250.3	-0.32	56141.65	56141.64844	56157.87825	56157.87891	504814.7	5408640.9
T8640.0	504813.7	5408640.9	7368.79981	252.56	48.07	48.830727	-86.934410	56141.95	56250.3	-0.31	56141.64	56141.64063	56157.97025	56157.96875	504813.7	5408640.9
T8640.0	504812.3	5408640.9	7368.89990	253.24	48.07	48.830727	-86.934429	56142.02	56250.3	-0.31	56141.71	56141.71094	56158.05831	56158.05859	504812.3	5408640.9
T8640.0	504811.2	5408640.9	7369.00000	253.57	41.73	48.830727	-86.934443	56142.04	56250.3	-0.31	56141.73	56141.73047	56158.15109	56158.15234	504811.2	5408640.9
T8640.0	504811.2	5408640.9	7369.10010	254.16	41.73	48.830727	-86.934443	56142.14	56250.3	-0.31	56141.83	56141.82813	56158.23996	56158.23828	504811.2	5408640.9
T8640.0	504809.8	5408640.9	7369.20020	254.43	42.33	48.830727	-86.934462	56142.13	56250.3	-0.32	56141.81	56141.80859	56158.33824	56158.33984	504809.8	5408640.9
T8640.0	504808.3	5408640.8	7369.29981	253.20	42.33	48.830727	-86.934483	56142.17	56250.3	-0.32	56141.85	56141.85156	56158.43396	56158.43359	504808.3	5408640.8
T8640.0	504807.0	5408640.8	7369.39990	253.88	49.05	48.830727	-86.934501	56142.30	56250.3	-0.32	56141.97	56141.96875	56158.52579	56158.52734	504807.0	5408640.8
T8640.0	504807.0	5408640.8	7369.50000	252.75	47.61	48.830727	-86.934501	56142.38	56250.3	-0.32	56142.05	56142.05078	56158.62173	56158.62109	504807.0	5408640.8
T8640.0	504805.0	5408640.8	7369.60010	252.46	47.61	48.830727	-86.934527	56142.38	56250.3	-0.33	56142.05	56142.05078	56158.72447	56158.72266	504805.0	5408640.8
T8640.0	504805.0	5408640.8	7369.70020	253.43	49.61	48.830727	-86.934527	56142.56	56250.3	-0.33	56142.23	56142.23047	56158.81667	56158.81641	504805.0	5408640.8
T8640.0	504803.8	5408640.8	7369.79981	253.83	49.61	48.830726	-86.934544	56142.63	56250.3	-0.33	56142.30	56142.30078	56158.91768	56158.91797	504803.8	5408640.8
T8640.0	504802.3	5408640.8	7369.89990	252.77	50.02	48.830726	-86.934565	56142.78	56250.3	-0.34	56142.44	56142.44141	56159.01550	56159.01563	504802.3	5408640.8
T8640.0	504800.7	5408640.8	7370.00000	253.62	50.02	48.830726	-86.934587	56142.81	56250.3	-0.34	56142.47	56142.46875	56159.12214	56159.12109	504800.7	5408640.8
T8640.0	504799.3	5408640.8	7370.10010	252.70	52.92	48.830726	-86.934605	56142.96	56250.3	-0.34	56142.62	56142.62109	56159.22228	56159.22266	504799.3	5408640.8
T8640.0	504798.0	5408640.8	7370.20020	253.22	52.92	48.830726	-86.934623	56143.06	56250.3	-0.34	56142.72	56142.71875	56159.32724	56159.32813	504798.0	5408640.8
T8640.0	504798.0	5408640.8	7370.29981	252.09	54.54	48.830726	-86.934623	56143.18	56250.3	-0.34	56142.84	56142.83984	56159.43238	56159.43359	504798.0	5408640.8
T8640.0	504796.5	5408640.8	7370.39990	251.18	52.67	48.830726	-86.934643	56143.32	56250.3	-0.34	56142.98	56142.98047	56159.53768	56159.53906	504796.5	5408640.8
T8640.0	504795.2	5408640.8	7370.50000	251.07	52.67	48.830726	-86.934661	56143.45	56250.3	-0.34	56143.11	56143.10938	56159.64516	56159.64453	504795.2	5408640.8
T8640.0	504795.2	5408640.8	7370.60010	252.14	52.75	48.830726	-86.934661	56143.64	56250.3	-0.34	56143.31	56143.30859	56159.74948	56159.75000	504795.2	5408640.8
T8640.0	504793.9	5408640.8	7370.70020	252.54	52.75	48.830726	-86.934679	56143.77	56250.3	-0.34	56143.43	56143.42969	56159.86065	56159.85938	504793.9	5408640.8
T8640.0	504792.6	5408640.8	7370.79981	253.30	51.52	48.830726	-86.934697	56143.89	56250.3	-0.34	56143.55	56143.55078	56159.97334	56159.97266	504792.6	5408640.8
T8640.0	504792.6	5408640.8	7370.89990	251.92	52.76	48.830726	-86.934697	56144.05	56250.3	-0.34	56143.71	56143.71094	56160.08487	56160.08594	504792.6	5408640.8
T8640.0	504790.9	5408640.8	7371.00000	253.91	52.76	48.830727	-86.934720	56144.28	56250.3	-0.34	56143.94	56143.94141	56160.19326	56160.19141	504790.9	5408640.8
T8640.0	504789.8	5408640.8	7371.10010	253.52	52.59	48.830727	-86.934735	56144.39	56250.3	-0.34	56144.05	56144.05078	56160.31116	56160.31250	504789.8	5408640.8
T8640.0	504788.3	5408640.8	7371.20020	251.94	52.59	48.830727	-86.934755	56144.60	56250.3	-0.35	56144.25	56144.25000	56160.42458	56160.42578	504788.3	5408640.8
T8640.0	504787.1	5408640.8	7371.29981	251.41	55.01	48.830727	-86.934771	56144.78	56250.3	-0.35	56144.43	56144.42969	56160.54085	56160.53906	504787.1	5408640.8
T8640.0	504787.1	5408640.8	7371.39990	251.71	53.89	48.830727	-86.934771	56144.95	56250.4	-0.35	56144.60	56144.60156	56160.65930	56160.66016	504787.1	5408640.8
T8640.0	504785.7	5408640.8	7371.50000	250.85	52.66	48.830727	-86.934791	56145.16	56250.4	-0.35	56144.80	56144.80078	56160.77727	56160.77734	504785.7	5408640.8
T8640.0	504784.5	5408640.8	7371.60010	252.29	54.33	48.830727	-86.934807	56145.41	56250.4	-0.36	56145.05	56145.05078	56160.89343	56160.89453	504784.5	5408640.8
T8640.0	504783.2	5408640.8	7371.70020	251.06	54.33	48.830727	-86.934824	56145.59	56250.4	-0.36	56145.23	56145.23047	56161.01576	56161.01563	504783.2	5408640.8
T8640.0	504782.5	5408640.8	7371.79981	250.11	55.4	48.830727	-86.934835	56145.82	56250.4	-0.36	56145.45	56145.44922	56161.13693	56161.13672	504782.5	5408640.8
T8640.0	504780.9	5408640.8	7371.89990	251.03	55.4	48.830727	-86.934856	56146.02	56250.4	-0.37	56145.65	56145.64844	56161.26096	56161.26172	504780.9	5408640.8
T8640.0	504779.9	5408640.8	7372.00000	251.83	54.88	48.830727	-86.934869	56146.25	56250.4	-0.37	56145.88	56145.87891	56161.38448	56161.38281	504779.9	5408640.8
T8640.0	504779.9	5408640.8	7372.10010	252.38	53.01	48.830727	-86.934869	56146.42	56250.4	-0.37	56146.05	56146.05078	56161.51352	56161.51172	504779.9	5408640.8
T8640.0	504778.5	5408640.8	7372.20020	252.87	52.75	48.830727	-86.934889	56146.70	56250.4	-0.37	56146.33	56146.32813	56161.63672	56161.63672	504778.5	5408640.8
T8640.0	504777.2	5408640.8	7372.29981	252.54	52.75	48.830727	-86.934907	56146.92	56250.4	-0.37	56146.55	56146.55078	56161.76543	56161.76563	504777.2	5408640.8
T8640.0	504775.6	5408640.8	7372.39990	252.69	56.55	48.830727	-86.934929	56147.11	56250.4	-0.37	56146.74	56146.73828	56161.89763	56161.89844	504775.6	5408640.8
T8640.0	504774.2	5408640.8	7372.50000	252.82	56.55	48.830727	-86.934947	56147.38	56250.4	-0.37	56147.01	56147.01172	56162.02600	56162.02734	504774.2	5408640.8
T8640.0	504773.0	5408640.8	7372.60010	252.59	53.73	48.830727	-86.934964	56147.64	56250.4	-0.37	56147.27	56147.26953	56162.15652	56162.15625	504773.0	5408640.8
T8640.0	504773.0	5408640.8	7372.70020	251.48	53.73	48.830727	-86.934964	56147.85	56250.4	-0.37	56147.48	56147.48047	56162.29187	56162.29297	504773.0	5408640.8

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
T8640.0	504771.4	5408640.8	7372.79981	252.30	54.74	48.830727	-86.934985	56148.12	56250.4	-0.37	56147.75	56147.75000	56162.42471	56162.42578	504771.4	5408640.8
T8640.0	504771.4	5408640.8	7372.89990	251.04	55.73	48.830727	-86.934985	56148.32	56250.4	-0.37	56147.95	56147.94922	56162.56371	56162.56250	504771.4	5408640.8
T8640.0	504769.6	5408640.8	7373.00000	252.99	55.73	48.830727	-86.935010	56148.60	56250.4	-0.37	56148.23	56148.23047	56162.69885	56162.69922	504769.6	5408640.8
T8640.0	504768.4	5408640.8	7373.10010	252.93	53.73	48.830727	-86.935026	56148.83	56250.4	-0.37	56148.46	56148.46094	56162.83881	56162.83984	504768.4	5408640.8
T8640.0	504767.1	5408640.8	7373.20020	253.21	51.82	48.830727	-86.935044	56149.08	56250.4	-0.37	56148.71	56148.71094	56162.97891	56162.98047	504767.1	5408640.8
T8640.0	504766.0	5408640.8	7373.29981	253.85	55.7	48.830727	-86.935059	56149.34	56250.4	-0.37	56148.97	56148.96875	56163.11983	56163.12109	504766.0	5408640.8
T8640.0	504764.8	5408640.8	7373.39990	253.02	55.7	48.830727	-86.935075	56149.58	56250.4	-0.37	56149.21	56149.21094	56163.26356	56163.26172	504764.8	5408640.8
T8640.0	504763.6	5408640.8	7373.50000	252.63	60.66	48.830727	-86.935091	56149.84	56250.4	-0.37	56149.47	56149.46875	56163.40743	56163.40625	504763.6	5408640.8
T8640.0	504763.6	5408640.8	7373.60010	253.14	60.66	48.830727	-86.935091	56150.04	56250.4	-0.37	56149.67	56149.67188	56163.55678	56163.55859	504763.6	5408640.8
T8640.0	504762.3	5408640.8	7373.70020	252.34	60.66	48.830727	-86.935109	56150.30	56250.4	-0.37	56149.93	56149.92969	56163.70359	56163.70313	504762.3	5408640.8
T8640.0	504761.0	5408640.8	7373.79981	252.22	64.31	48.830727	-86.935128	56150.49	56250.4	-0.37	56150.12	56150.12109	56163.85655	56163.85547	504761.0	5408640.8
T8640.0	504759.5	5408640.8	7373.89990	249.25	64.69	48.830727	-86.935147	56150.79	56250.4	-0.37	56150.42	56150.42188	56164.00365	56164.00391	504759.5	5408640.8
T8640.0	504758.4	5408640.8	7374.00000	248.95	64.69	48.830727	-86.935163	56151.04	56250.4	-0.37	56150.67	56150.67188	56164.15555	56164.15625	504758.4	5408640.8
T8640.0	504758.4	5408640.8	7374.10010	248.46	64.79	48.830727	-86.935163	56151.27	56250.4	-0.37	56150.89	56150.89063	56164.31093	56164.31250	504758.4	5408640.8
T8640.0	504756.8	5408640.8	7374.20020	248.62	64.79	48.830727	-86.935184	56151.48	56250.4	-0.38	56151.10	56151.10156	56164.46845	56164.46875	504756.8	5408640.8
T8640.0	504755.8	5408640.8	7374.29981	249.58	64.41	48.830727	-86.935198	56151.73	56250.4	-0.38	56151.35	56151.35156	56164.62478	56164.62500	504755.8	5408640.8
T8640.0	504754.6	5408640.8	7374.39990	248.33	58.29	48.830727	-86.935215	56151.98	56250.4	-0.38	56151.60	56151.60156	56164.78259	56164.78125	504754.6	5408640.8
T8640.0	504753.4	5408640.8	7374.50000	247.97	59.28	48.830727	-86.935232	56152.17	56250.4	-0.39	56151.78	56151.78125	56164.94654	56164.94531	504753.4	5408640.8
T8640.0	504752.1	5408640.8	7374.60010	249.10	59.28	48.830727	-86.935248	56152.39	56250.4	-0.39	56152.01	56152.01172	56165.10864	56165.10938	504752.1	5408640.8
T8640.0	504750.7	5408640.8	7374.70020	249.86	61.18	48.830727	-86.935268	56152.59	56250.4	-0.39	56152.20	56152.19922	56165.27489	56165.27344	504750.7	5408640.8
T8640.0	504750.7	5408640.8	7374.79981	250.85	60.8	48.830727	-86.935268	56152.80	56250.4	-0.39	56152.41	56152.41016	56165.44129	56165.44141	504750.7	5408640.8
T8640.0	504749.3	5408640.9	7374.89990	250.57	61.05	48.830727	-86.935287	56152.99	56250.4	-0.40	56152.59	56152.58984	56165.61119	56165.60938	504749.3	5408640.9
T8640.0	504747.9	5408640.9	7375.00000	250.67	61.05	48.830728	-86.935305	56153.21	56250.4	-0.40	56152.81	56152.80859	56165.77991	56165.78125	504747.9	5408640.9
T8640.0	504747.0	5408640.9	7375.10010	250.14	57.8	48.830728	-86.935318	56153.42	56250.4	-0.40	56153.02	56153.01953	56165.95080	56165.94922	504747.0	5408640.9
T8640.0	504745.8	5408640.9	7375.20020	251.71	55.32	48.830728	-86.935335	56153.63	56250.4	-0.40	56153.23	56153.23047	56166.12319	56166.12500	504745.8	5408640.9
T8640.0	504745.8	5408640.9	7375.29981	250.74	55.32	48.830728	-86.935335	56153.82	56250.4	-0.40	56153.42	56153.42188	56166.29842	56166.29688	504745.8	5408640.9
T8640.0	504742.6	5408640.9	7375.39990	251.00	56.93	48.830728	-86.935378	56153.98	56250.4	-0.40	56153.58	56153.57813	56166.47717	56166.47656	504742.6	5408640.9
T8640.0	504742.6	5408640.9	7375.50000	250.25	56.93	48.830728	-86.935378	56154.19	56250.4	-0.40	56153.79	56153.78906	56166.65410	56166.65234	504742.6	5408640.9
T8640.0	504741.5	5408640.9	7375.60010	258.98	56.22	48.830728	-86.935393	56154.39	56250.4	-0.40	56153.99	56153.98828	56166.83322	56166.83203	504741.5	5408640.9
T8640.0	504739.8	5408640.9	7375.70020	257.91	56.22	48.830728	-86.935416	56154.57	56250.4	-0.40	56154.17	56154.17188	56167.01521	56167.01563	504739.8	5408640.9
T8640.0	504738.6	5408640.9	7375.79981	257.42	51.92	48.830728	-86.935433	56154.73	56250.4	-0.40	56154.33	56154.32813	56167.20006	56167.19922	504738.6	5408640.9
T8640.0	504737.2	5408640.9	7375.89990	257.83	55.46	48.830728	-86.935451	56154.90	56250.4	-0.40	56154.50	56154.50000	56167.38579	56167.38672	504737.2	5408640.9
T8640.0	504737.2	5408640.9	7376.00000	258.44	55.46	48.830728	-86.935451	56155.05	56250.4	-0.40	56154.65	56154.64844	56167.57441	56167.57422	504737.2	5408640.9
T8640.0	504735.7	5408640.9	7376.10010	258.14	56.31	48.830728	-86.935473	56155.18	56250.4	-0.40	56154.78	56154.78125	56167.76592	56167.76563	504735.7	5408640.9
T8640.0	504734.3	5408640.9	7376.20020	258.19	56.31	48.830728	-86.935491	56155.27	56250.4	-0.40	56154.86	56154.85938	56167.96232	56167.96094	504734.3	5408640.9
T8640.0	504732.7	5408640.9	7376.29981	256.52	59.9	48.830728	-86.935513	56155.46	56250.4	-0.41	56155.05	56155.05078	56168.15296	56168.15234	504732.7	5408640.9
T8640.0	504731.6	5408640.9	7376.39990	256.92	54.11	48.830728	-86.935529	56155.61	56250.4	-0.41	56155.20	56155.19922	56168.34785	56168.34766	504731.6	5408640.9
T8640.0	504731.6	5408640.9	7376.50000	257.22	54.11	48.830728	-86.935529	56155.83	56250.4	-0.41	56155.42	56155.42188	56168.53965	56168.53906	504731.6	5408640.9
T8640.0	504730.0	5408640.9	7376.60010	256.99	57.22	48.830728	-86.935550	56155.98	56250.4	-0.41	56155.57	56155.57031	56168.73772	56168.73828	504730.0	5408640.9
T8640.0	504728.6	5408640.9	7376.70020	256.85	57.22	48.830728	-86.935568	56156.12	56250.4	-0.41	56155.71	56155.71094	56168.93805	56168.93750	504728.6	5408640.9
T8640.0	504727.4	5408640.9	7376.79981	256.49	54.37	48.830728	-86.935585	56156.31	56250.4	-0.42	56155.89	56155.89063	56169.13732	56169.13672	504727.4	5408640.9
T8640.0	504727.4	5408640.9	7376.89990	255.45	53.05	48.830728	-86.935585	56156.52	56250.4	-0.42	56156.10	56156.10156	56169.33620	56169.33594	504727.4	5408640.9
T8640.0	504725.9	5408640.9	7377.00000	255.94	53.05	48.830728	-86.935606	56156.63	56250.4	-0.42	56156.21	56156.21094	56169.54337	56169.54297	504725.9	5408640.9
T8640.0	504724.5	5408640.9	7377.10010	256.42	52.82	48.830728	-86.935625	56156.74	56250.4	-0.42	56156.32	56156.32031	56169.75217	56169.75391	504724.5	5408640.9
T8640.0	504723.4	5408640.9	7377.20020	256.48	52	48.830728	-86.935639	56156.84	56250.4	-0.42	56156.42	56156.42188	56169.96326	56169.96484	504723.4	5408640.9
T8640.0	504723.4	5408640.9	7377.29981	256.66	52	48.830728	-86.935639	56156.92	56250.4	-0.42	56156.50	56156.50000	56170.17733	56170.17578	504723.4	5408640.9
T8640.0	504720.5	5408640.9	7377.39990	257.51	53.15	48.830728	-86.935680	56157.10	56250.4	-0.42	56156.68	56156.67969	56170.38637	56170.38672	504720.5	5408640.9
T8640.0	504720.5	5408640.9	7377.50000	259.35	54.59	48.830728	-86.935680	56157.22	56250.4	-0.42	56156.80	56156.80078	56170.60106	56170.60156	504720.5	5408640.9
T8640.0	504719.1	5408640.9	7377.60010	260.35	49.24	48.830728	-86.935699	56157.45	56250.4	-0.42	56157.03	56157.03125	56170.81007	56170.80859	504719.1	5408640.9
T8640.0	504717.5	5408640.9	7377.70020	259.05	50.77	48.830728	-86.935720	56157.61	56250.4	-0.42	56157.19	56157.19141	56171.02540	56171.02734	504717.5	5408640.9
T8640.0	504716.1	5408640.9	7377.79981	258.58	50.77	48.830728	-86.935739	56157.88	56250.4	-0.42	56157.46	56157.46094	56171.23506	56171.23438	504716.1	5408640.9
T8640.0	504716.1	5408640.9	7377.89990	257.89	52.15	48.830728	-86.935739	56158.02	56250.4	-0.42	56157.60	56157.60156	56171.45505	56171.45313	504716.1	5408640.9
T8640.0	504714.5	5408640.9	7378.00000	255.54	55.01	48.830728	-86.935761	56158.26	56250.4	-0.42	56157.84	56157.83984	56171.67003	56171.67188	504714.5	5408640.9
T8640.0	504713.0	5408640.9	7378.10010	255.84	52.45	48.830728	-86.935782	56158.40	56250.4	-0.42	56157.98	56157.98047	56171.89335	56171.89453	504713.0	5408640.9
T8640.0	504713.0	5408640.9	7378.20020	256.21	53.02	48.830728	-86.935782	56158.62	56250.4	-0.42	56158.20	56158.19922	56172.11299	56172.11328	504713.0	5408640.9
T8640.0	504711.3	5408640.9	7378.29981	255.41	53.02	48.830728	-86.935804	56158.82	56250.4	-0.42	56158.40	56158.39844	56172.33564	56172.33594	504711.3	5408640.9
T8640.0	504710.4	5408640.9	7378.39990	257.13	47.72	48.830728	-86.935817	56159.08	56250.4	-0.42	56158.66	56158.66016	56172.55595	56172.55469	504710.4	5408640.9
T8640.0	504709.2	5408640.9	7378.50000	256.33	49.57	48.830728	-86.935834	56159.24	56250.4	-0.42	56158.82	56158.82031	56172.78458	56172.78516	504709.2	5408640.9
T8640.0	504707.8	5408640.9	7378.60010	257.68	52.59	48.830728	-86.935852	56159.55	56250.4	-0.42	56159.13	56159.12891	56173.00488	56173.00391	504707.8	5408640.9
T8640.0	504706.3	5408640.9	7378.70020	258.18	52.59	48.830728	-86.935873	56159.75	56250.4	-0.42	56159.33	56159.32813	56173.23416	56173.23438	504706.3	5408640.9
T8640.0	504706.3	5408640.9	7378.79981	257.52	54.29	48.830728	-86.935873	56160.00	56250.4	-0.42	56159.58	56159.57813	56173.46176	56173.46094	504706.3	5408640.9
T8640.0	504704.4	5408640.9	7378.89990	256.59	54.29	48.830728	-86.935898	56160.36	56250.4	-0.42	56159.94	56159.94141	56173.68366	56173.68359	504704.4	5408640.9
T8640.0	504703.1	5408640.9	7379.00000	257.03	56.87	48.830728	-86.935917	56160.62	56250.4	-0.42	56160.20	56160.19922	56173.91386	56173.91406	504703.1	5408640.9
T8640.0	504701.9	5408640.9	7379.10010	258.12	49.87	48.830728	-86.935933	56160.92	56250.4	-0.42	56160.50	56160.50000	56174.14303	56174.14453	504701.9	5408640.9
T8640.0	504700.8	5408640.9	7379.20020	257.95	46.8	48.830728	-86.935948	56161.29	56250.4	-0.43	56160.86	56160.85938	56174.36981	56174.37109	504700.8	5408640.9
T8640.0	504700.8	5408640.9	7379.29981	257.29	48.18	48.830728	-86.935948	56161.66	56250.4	-0.43	56161.23	56161.23047	56174.59752	56174.59766	504700.8	5408640.9
T8640.0	504699.5	5408640.9	7379.39990	257.52	48.18	48.830728	-86.935966	56161.95	56250.4	-0.43	56161.51	56161.51172	56174.83283	56174.83203	504699.5	5408640.9
T8640.0	504698.1	5408640.9	7379.50000	259.20	46.3	48.830728	-86.935984	56162.36	56250.4	-0.43	56161.92	56161.92188	56175.06105	56175.06250	504698.1	5408640.9
T8640.0	504696.8	5408640.9	7379.60010	259.27	46.51	48.830728	-86.936003	56162.66	56250.4	-0.44	56162.22	56162.21875	56175.29816	56175.29688	504696.8	5408640.9
T8640.0	504696.8	5408640.9	7379.70020	258.64	48.6	48.830728	-86.936003	56163.07	56250.4	-0.44	56162.63	56162.62891	56175.52949	56175.53125	504696.8	5408640.9
T8640.0	504695.4	5408640.9	7379.79981	256.17	48.6	48.830728	-86.936021	56163.45	56250.4	-0.44	56163.00	56163.00000	56175.76502	56175.76563	504695.4	5408640.9
T8640.0	504694.1	5408640.9	7379.89990	256.03	47.81	48.830728	-86.936038	56163.88	56250.4	-0.45	56163.43	56163.42969	56175.99805	56176.00000	504694.1	5408640.9
T8640.0	504692.4	5408640.9	7380.00000	256.17	47.81	48.830728	-86.936062	56164.32	56250.4	-0.45	56163.87	56163.87109	56176.23191	56176.23047	504692.4	5408640.9
T8640.0	504691.3	5408640.9	7380.10010	250.43	46.15	48.830728	-86.936077	56164.74	56250.4	-0.45	56164.29	56164.28906	56176.46857	56176.46875	504691.3	5408640.9
T8640.0	504689.9	5408640.9	7380.20020	251.05	46.15	48.830728	-86.936096	56165.21	56250.4	-0.45	56164.77	56164.76953	56176.70267	56176.70313	504689.9	5408640.9
T8640.0	504688.6	5408640.9	7380.29981	256.25	46.36	48.830728	-86.936115	56165.75	56250.4	-0.44	56165.30	56165.30078	56176.93487	56176.93359	504688.6	5408640.9
T8640.0	504688.6	5408640.9	7380.39990	256.48	49.68	48.830728	-86.936115	56166.16	56250.4	-0.44	56165.71	56165.71094	56177.17646	56177.17578	504688.6	5408640.9
T8640.0	504687.2	5408640.9	7380.50000	256.61	49.68	48.830728	-86.936133	56166.73	56250.4	-0.44	56166.29	56166.28906	56177.40808	56177.40625	504687.2	5408640.9
T8640.0	504687.2	5408640.9	7380.60010	258.97	46.67	48.830728	-86.936133	56167.24	56250.4	-0.44	56166.80	56166.80078	56177.64571	56177.64453	504687.2	5408640.9
T8640.0	504685.7	5408640.8	7380.70020	258.06	48.29	48.830728	-86.936153	56167.69	56250.4	-0.44	56167.25	56167.25000	56177.88865	56177.88672	504685.7	5408640.8
T8640.0	504684.4	5408640.8	7380.79981	258.81	48.29	48.830728	-86.936171	56168.27	56250.4	-0.43	56167.84	56167.83984	56178.12354	56178.12500	504684.4	5408640.8
T8640.0	504683.2	5408640.8	7380.89990	258.29	50.34	48.830728	-86.936188	56168.78	56250.4	-0.43	56168.35	56168.35156	56178.36501	56178.36328	504683.2	5408640.8
T8640.0	504681.9	5408640.8	7381.00000	258.56	47.31	48.830728	-86.936206	56169.42	56250.4	-0.43	56168.99	56168.98828	56178.59903	56178.59766	504681.9	5408640.8
T8640.0	504681.0	5408640.8	7381.10010	258.07	47.31	48.830728	-86.936217	56169.90	56250.4	-0.43	56169.47	56169.46875	56178.84489	56178.84375	504681.0	5408640.8
T8640.0	504681.0	5408640.8	7381.20020	256.03	43.9	48.830728	-86.936217	56170.57	56250.4	-0.43	56170.14	56170.14063	56179.07923	56179.07813	504681.0	5408640.8
T8640.0	504679.8	5408640.8	7381.29981	255.34	45.15	48.830728	-86.936234	56171.11	56250.4	-0.44	56170.67	56170.67188	56179.32401	56179.32422	504679.8	5408640.8
T8640.0	504678.3	5408640.8	7381.39990	255.60	45.15	48.830728	-86.936255	56171.79	56250.4	-0.44	56171.35	56171.35156	56179.55985	56179.55859	504678.3	5408640.8
T8640.0	504677.3	5408640.8	7381.50000	256.61	48.98	48.830728	-86.936268	56172.32	56250.4	-0.44	56171.88	56171.87891	56179.80673	56179.80859	504677.3	5408640.8
T8640.0	504676.2	5408640.8	7381.60010	256.82	48.98	48.830728	-86.936283	56172.96	56250.4	-0.44	56172.52	56172.51953	56180.04725	56180.04688	504676.2	5408640.8
T8640.0	504675.2	5408640.8	7381.70020	256.41	48.11	48.830728	-86.936297	56173.54	56250.4	-0.44	56173.09	56173.08984	56180.29340	56180.29297	504675.2	5408640.8
T8640.0	504674.0	5408640.8	7381.79981	256.55	48.11	48.830728	-86.936313	56174.25	56250.4	-0.45	56173.80	56173.80078	56180.53111	56180.53125	504674.0	5408640.8
T8640.0	504674.0	5408640.8	7381.89990	257.33	48.11	48.830728	-86.936313	56174.86	56250.4	-0.45	56174.41	56174.41016	56180.77635	56180.77734	504674.0	5408640.8
T8640.0	504672.5	5408640.8	7382.00000	257.35	47.56	48.830728	-86.936334	56175.54	56250.4	-0.45	56175.09	56175.08984	56181.01774	56181.01953	504672.5	5408640.8

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
T8640.0	504671.5	5408640.8	7382.10010	256.61	53.85	48.830728	-86.936346	56176.16	56250.5	-0.45	56175.71	56175.71094	56181.26390	56181.26563	504671.5	5408640.8
T8640.0	504670.2	5408640.8	7382.20020	258.52	53.85	48.830728	-86.936364	56176.88	56250.5	-0.46	56176.42	56176.42188	56181.50478	56181.50391	504670.2	5408640.8
T8640.0	504670.2	5408640.8	7382.29981	258.83	48	48.830728	-86.936364	56177.54	56250.5	-0.46	56177.08	56177.07813	56181.74363	56181.74219	504670.2	5408640.8
T8640.0	504669.1	5408640.8	7382.39990	258.11	48	48.830728	-86.936380	56178.20	56250.5	-0.46	56177.74	56177.73828	56181.98427	56181.98438	504669.1	5408640.8
T8640.0	504668.0	5408640.8	7382.50000	257.96	54.64	48.830728	-86.936395	56178.89	56250.5	-0.46	56178.43	56178.42969	56182.22558	56182.22656	504668.0	5408640.8
T8640.0	504666.8	5408640.8	7382.60010	259.55	58.73	48.830728	-86.936411	56179.58	56250.5	-0.47	56179.11	56179.10938	56182.47005	56182.46875	504666.8	5408640.8
T8640.0	504665.9	5408640.8	7382.70020	259.24	58.73	48.830728	-86.936423	56180.24	56250.5	-0.47	56179.77	56179.76953	56182.71782	56182.71875	504665.9	5408640.8
T8640.0	504665.9	5408640.8	7382.79981	257.80	50.02	48.830728	-86.936423	56180.98	56250.5	-0.47	56180.50	56180.50000	56182.96290	56182.96484	504665.9	5408640.8
T8640.0	504664.8	5408640.9	7382.89990	258.35	49.74	48.830728	-86.936439	56181.63	56250.5	-0.48	56181.15	56181.14844	56183.21408	56183.21484	504664.8	5408640.9
T8640.0	504663.8	5408640.9	7383.00000	259.07	49.74	48.830728	-86.936452	56182.35	56250.5	-0.48	56181.87	56181.87109	56183.46154	56183.46094	504663.8	5408640.9
T8640.0	504663.8	5408640.9	7383.10010	260.34	50.66	48.830728	-86.936452	56183.05	56250.5	-0.48	56182.57	56182.57031	56183.71026	56183.71094	504663.8	5408640.9
T8640.0	504662.3	5408640.9	7383.20020	259.93	47.7	48.830728	-86.936472	56183.72	56250.5	-0.47	56183.25	56183.25000	56183.95982	56183.96094	504662.3	5408640.9
T8640.0	504661.3	5408640.8	7383.29981	258.47	47.7	48.830728	-86.936486	56184.39	56250.5	-0.47	56183.93	56183.92969	56184.20850	56184.20703	504661.3	5408640.8
T8640.0	504660.2	5408640.8	7383.39990	257.68	48.78	48.830728	-86.936501	56185.14	56250.5	-0.46	56184.68	56184.67969	56184.45159	56184.45313	504660.2	5408640.8
T8640.0	504659.3	5408640.8	7383.50000	256.79	48.78	48.830728	-86.936513	56185.81	56250.5	-0.46	56185.35	56185.35156	56184.70010	56184.69922	504659.3	5408640.8
T8640.0	504659.3	5408640.8	7383.60010	256.96	56.84	48.830728	-86.936513	56186.52	56250.5	-0.46	56186.06	56186.05859	56184.94596	56184.94531	504659.3	5408640.8
T8640.0	504658.5	5408640.8	7383.70020	257.13	54.16	48.830728	-86.936523	56187.16	56250.5	-0.45	56186.71	56186.71094	56185.19579	56185.19531	504658.5	5408640.8
T8640.0	504657.6	5408640.8	7383.79981	257.08	54.16	48.830728	-86.936537	56187.89	56250.4	-0.45	56187.44	56187.44141	56185.44021	56185.44141	504657.6	5408640.8
T8640.0	504656.7	5408640.8	7383.89990	255.49	51.97	48.830728	-86.936549	56188.52	56250.4	-0.44	56188.07	56188.07031	56185.69116	56185.69141	504656.7	5408640.8
T8640.0	504655.7	5408640.8	7384.00000	256.09	51.97	48.830728	-86.936562	56189.24	56250.4	-0.44	56188.80	56188.80078	56185.93527	56185.93359	504655.7	5408640.8
T8640.0	504655.7	5408640.8	7384.10010	255.83	52.62	48.830728	-86.936562	56189.91	56250.4	-0.44	56189.47	56189.46875	56186.18315	56186.18359	504655.7	5408640.8
T8640.0	504654.8	5408640.9	7384.20020	255.58	52.62	48.830728	-86.936574	56190.64	56250.4	-0.44	56190.20	56190.19922	56186.42674	56186.42578	504654.8	5408640.9
T8640.0	504653.9	5408640.9	7384.29981	256.26	54.78	48.830728	-86.936586	56191.24	56250.4	-0.44	56190.80	56190.80078	56186.67866	56186.67969	504653.9	5408640.9
T8640.0	504653.9	5408640.9	7384.39990	257.12	53.27	48.830728	-86.936586	56191.95	56250.4	-0.44	56191.51	56191.51172	56186.92287	56186.92188	504653.9	5408640.9
T8640.0	504652.4	5408640.9	7384.50000	256.97	53.27	48.830729	-86.936608	56192.59	56250.4	-0.44	56192.14	56192.14063	56187.17198	56187.17188	504652.4	5408640.9
T8640.0	504651.9	5408640.9	7384.60010	257.67	54.2	48.830729	-86.936614	56193.29	56250.4	-0.45	56192.84	56192.83984	56187.41594	56187.41406	504651.9	5408640.9
T8640.0	504651.0	5408640.9	7384.70020	257.81	54.2	48.830729	-86.936626	56193.88	56250.4	-0.45	56193.43	56193.42969	56187.66670	56187.66797	504651.0	5408640.9
T8640.0	504651.0	5408640.9	7384.79981	255.71	53.67	48.830729	-86.936626	56194.58	56250.4	-0.45	56194.13	56194.12891	56187.90955	56187.91016	504651.0	5408640.9
T8640.0	504649.9	5408640.9	7384.89990	256.84	53.67	48.830729	-86.936641	56195.14	56250.4	-0.45	56194.70	56194.69922	56188.16045	56188.16016	504649.9	5408640.9
T8640.0	504649.0	5408640.9	7385.00000	256.54	50.44	48.830729	-86.936654	56195.79	56250.4	-0.45	56195.34	56195.33984	56188.40601	56188.40625	504649.0	5408640.9
T8640.0	504648.2	5408640.9	7385.10010	258.07	48.77	48.830729	-86.936665	56196.44	56250.5	-0.45	56195.99	56195.98828	56188.65019	56188.64844	504648.2	5408640.9
T8640.0	504647.4	5408640.9	7385.20020	256.85	48.77	48.830729	-86.936675	56197.09	56250.5	-0.45	56196.63	56196.62891	56188.90569	56188.90625	504647.4	5408640.9
T8640.0	504646.6	5408641.0	7385.29981	256.59	54.42	48.830729	-86.936686	56197.67	56250.5	-0.46	56197.22	56197.21875	56189.17586	56189.17578	504646.6	5408641.0
T8640.0	504646.6	5408641.0	7385.39990	257.46	54.42	48.830729	-86.936686	56198.34	56250.5	-0.46	56197.89	56197.89063	56189.44320	56189.44141	504646.6	5408641.0
T8640.0	504645.9	5408641.0	7385.50000	258.77	53.66	48.830729	-86.936696	56198.89	56250.5	-0.46	56198.43	56198.42969	56189.72001	56189.71875	504645.9	5408641.0
T8640.0	504645.1	5408641.0	7385.60010	259.04	53.66	48.830729	-86.936707	56199.52	56250.5	-0.46	56199.05	56199.05078	56189.99292	56189.99219	504645.1	5408641.0
T8640.0	504645.1	5408641.0	7385.70020	259.21	53.96	48.830729	-86.936707	56200.05	56250.5	-0.46	56199.58	56199.57813	56190.27046	56190.26953	504645.1	5408641.0
T8640.0	504644.3	5408641.0	7385.79981	259.25	55.11	48.830729	-86.936718	56200.68	56250.5	-0.47	56200.22	56200.21875	56190.54160	56190.54297	504644.3	5408641.0
T8640.0	504643.6	5408641.0	7385.89990	258.72	54.98	48.830730	-86.936728	56201.18	56250.5	-0.47	56200.71	56200.71094	56190.81851	56190.82031	504643.6	5408641.0
T8640.0	504642.9	5408641.0	7386.00000	258.68	54.98	48.830730	-86.936737	56201.72	56250.5	-0.47	56201.25	56201.25000	56191.09206	56191.09375	504642.9	5408641.0
T8640.0	504642.2	5408641.0	7386.10010	258.80	54.76	48.830730	-86.936746	56202.35	56250.5	-0.47	56201.88	56201.87891	56191.36056	56191.35938	504642.2	5408641.0
T8640.0	504642.2	5408641.0	7386.20020	257.09	53.33	48.830730	-86.936746	56202.86	56250.5	-0.47	56202.39	56202.39063	56191.63200	56191.63281	504642.2	5408641.0
T8640.0	504641.4	5408641.0	7386.29981	256.44	53.33	48.830730	-86.936757	56203.34	56250.5	-0.47	56202.87	56202.87109	56191.90226	56191.90234	504641.4	5408641.0
T8640.0	504640.8	5408641.0	7386.39990	257.85	52.63	48.830730	-86.936765	56203.88	56250.5	-0.47	56203.41	56203.41016	56192.16800	56192.16797	504640.8	5408641.0
T8640.0	504640.2	5408641.0	7386.50000	258.41	52.63	48.830729	-86.936774	56204.40	56250.5	-0.47	56203.93	56203.92969	56192.43190	56192.43359	504640.2	5408641.0
T8640.0	504640.2	5408641.0	7386.60010	259.48	54.36	48.830729	-86.936774	56204.92	56250.5	-0.47	56204.45	56204.44922	56192.69348	56192.69531	504640.2	5408641.0
T8640.0	504639.4	5408641.0	7386.70020	259.72	54.36	48.830729	-86.936784	56205.38	56250.5	-0.47	56204.91	56204.91016	56192.95484	56192.95313	504639.4	5408641.0
T8640.0	504638.9	5408641.0	7386.79981	259.95	53.99	48.830729	-86.936792	56205.82	56250.5	-0.47	56205.35	56205.35156	56193.21457	56193.21484	504638.9	5408641.0
T8640.0	504638.3	5408641.0	7386.89990	260.36	53.99	48.830729	-86.936800	56206.35	56250.5	-0.47	56205.88	56205.87891	56193.46965	56193.46875	504638.3	5408641.0
T8640.0	504637.7	5408641.0	7387.00000	259.95	53.37	48.830729	-86.936808	56206.75	56250.5	-0.47	56206.28	56206.28125	56193.72632	56193.72656	504637.7	5408641.0
T8640.0	504637.7	5408641.0	7387.10010	259.61	53.31	48.830729	-86.936808	56207.25	56250.5	-0.47	56206.77	56206.76953	56193.97870	56193.98047	504637.7	5408641.0
T8640.0	504636.9	5408641.0	7387.20020	260.91	53.37	48.830729	-86.936819	56207.64	56250.5	-0.47	56207.17	56207.17188	56194.23165	56194.23047	504636.9	5408641.0
T8640.0	504636.9	5408641.0	7387.29981	262.47	53.21	48.830729	-86.936819	56208.14	56250.5	-0.48	56207.67	56207.67188	56194.48051	56194.48047	504636.9	5408641.0
T8640.0	504636.3	5408640.9	7387.39990	260.61	53.21	48.830729	-86.936826	56208.54	56250.5	-0.48	56208.06	56208.05859	56194.73067	56194.73047	504636.3	5408640.9
T8640.0	504635.9	5408640.9	7387.50000	259.76	51.76	48.830729	-86.936832	56208.93	56250.5	-0.48	56208.45	56208.44922	56194.97934	56194.98047	504635.9	5408640.9
T8640.0	504635.5	5408640.9	7387.60010	257.47	49.46	48.830729	-86.936838	56209.36	56250.5	-0.48	56208.88	56208.87891	56195.22559	56195.22656	504635.5	5408640.9
T8640.0	504635.0	5408640.9	7387.70020	257.98	51.36	48.830729	-86.936844	56209.73	56250.5	-0.48	56209.24	56209.23828	56195.47166	56195.47266	504635.0	5408640.9
T8640.0	504634.4	5408640.9	7387.79981	258.05	51.36	48.830729	-86.936852	56210.02	56250.5	-0.49	56209.53	56209.53125	56195.71735	56195.71875	504634.4	5408640.9
T8640.0	504634.4	5408640.9	7387.89990	257.98	50.61	48.830729	-86.936852	56210.44	56250.5	-0.49	56209.95	56209.94922	56195.95830	56195.95703	504634.4	5408640.9
T8640.0	504633.9	5408640.9	7388.00000	258.33	50.61	48.830729	-86.936859	56210.74	56250.5	-0.49	56210.25	56210.25000	56196.19980	56196.19922	504633.9	5408640.9
T8640.0	504633.5	5408640.9	7388.10010	257.50	51.18	48.830729	-86.936865	56211.10	56250.5	-0.49	56210.61	56210.60938	56196.43859	56196.43750	504633.5	5408640.9
T8640.0	504633.1	5408640.9	7388.20020	258.64	47.27	48.830729	-86.936871	56211.38	56250.5	-0.49	56210.89	56210.89063	56196.67759	56196.67578	504633.1	5408640.9
T8640.0	504633.1	5408640.9	7388.29981	259.56	45.99	48.830729	-86.936871	56211.66	56250.5	-0.49	56211.17	56211.17188	56196.91445	56196.91406	504633.1	5408640.9
T8640.0	504632.7	5408640.9	7388.39990	259.83	45.99	48.830729	-86.936876	56211.94	56250.5	-0.49	56211.45	56211.44922	56197.14898	56197.14844	504632.7	5408640.9
T8640.0	504632.3	5408640.9	7388.50000	259.90	47.71	48.830729	-86.936881	56212.22	56250.5	-0.49	56211.73	56211.73047	56197.38164	56197.38281	504632.3	5408640.9
T8640.0	504631.9	5408640.9	7388.60010	258.27	48.58	48.830729	-86.936886	56212.47	56250.5	-0.48	56211.98	56211.98047	56197.61225	56197.61328	504631.9	5408640.9
T8640.0	504631.7	5408640.9	7388.70020	258.72	51.44	48.830729	-86.936889	56212.69	56250.5	-0.48	56212.21	56212.21094	56197.84011	56197.83984	504631.7	5408640.9
T8640.0	504631.3	5408640.9	7388.79981	260.64	49.77	48.830729	-86.936894	56212.90	56250.5	-0.48	56212.42	56212.42188	56198.06533	56198.06641	504631.3	5408640.9
T8640.0	504631.3	5408640.9	7388.89990	260.13	49.77	48.830729	-86.936894	56213.09	56250.5	-0.48	56212.61	56212.60938	56198.28976	56198.28906	504631.3	5408640.9
T8640.0	504630.9	5408640.9	7389.00000	257.57	48.56	48.830728	-86.936900	56213.34	56250.5	-0.48	56212.86	56212.85938	56198.51315	56198.51172	504630.9	5408640.9
T8640.0	504630.6	5408640.9	7389.10010	252.87	48.56	48.830728	-86.936904	56213.47	56250.5	-0.48	56212.99	56212.98828	56198.73777	56198.73828	504630.6	5408640.9
T8640.0	504630.4	5408640.9	7389.20020	253.32	49.16	48.830728	-86.936907	56213.66	56250.5	-0.49	56213.17	56213.17188	56198.96120	56198.96094	504630.4	5408640.9
T8640.0	504630.4	5408640.9	7389.29981	252.64	50.1	48.830728	-86.936907	56213.81	56250.5	-0.49	56213.32	56213.32031	56199.18588	56199.18750	504630.4	5408640.9
T8640.0	504630.2	5408640.9	7389.39990	256.63	50.1	48.830728	-86.936910	56213.89	56250.5	-0.49	56213.40	56213.39844	56199.41267	56199.41406	504630.2	5408640.9
T8640.0	504630.0	5408640.8	7389.50000	259.34	52.71	48.830728	-86.936913	56214.06	56250.5	-0.50	56213.56	56213.55859	56199.63960	56199.64063	504630.0	5408640.8
T8640.0	504629.8	5408640.8	7389.60010	262.63	54.25	48.830728	-86.936915	56214.14	56250.5	-0.50	56213.64	56213.64063	56199.87019	56199.87109	504629.8	5408640.8
T8640.0	504629.7	5408640.8	7389.70020	262.88	54.57	48.830728	-86.936917	56214.24	56250.5	-0.50	56213.74	56213.73828	56200.10221	56200.10156	504629.7	5408640.8
T8640.0	504629.5	5408640.8	7389.79981	263.33	54.57	48.830728	-86.936919	56214.32	56250.5	-0.50	56213.81	56213.80859	56200.33540	56200.33594	504629.5	5408640.8
T8640.0	504629.5	5408640.8	7389.89990	256.01	51.23	48.830728	-86.936919	56214.29	56250.5	-0.51	56213.78	56213.78125	56200.56948	56200.57031	504629.5	5408640.8
T8640.0	504629.4	5408640.8	7390.00000	255.04	51.07	48.830728	-86.936920	56214.39	56250.5	-0.51	56213.88	56213.87891	56200.80086	56200.80078	504629.4	5408640.8
T8640.0	504629.3	5408640.8	7390.10010	256.99	51.07	48.830728	-86.936922	56214.41	56250.5	-0.51	56213.91	56213.91016	56201.03078	56201.03125	504629.3	5408640.8
T8640.0	504629.2	5408640.8	7390.20020	257.77	54.07	48.830728	-86.936923	56214.46	56250.5	-0.50	56213.96	56213.96094	56201.25734	56201.25781	504629.2	5408640.8
T8640.0	504629.2	5408640.8	7390.29981	257.27	51.77	48.830728	-86.936924	56214.62	56250.5	-0.50	56214.12	56214.12109	56201.47940	56201.48047	504629.2	5408640.8
T8640.0	504629.2	5408640.8	7390.39990	259.63	49.02	48.830728	-86.936924	56214.67	56250.5	-0.49	56214.17	56214.17188	56201.69737	56201.69922	504629.2	5408640.8
T8640.0	504629.1	5408640.8	7390.50000	260.41	52.01	48.830728	-86.936925	56214.81	56250.5	-0.49	56214.32	56214.32031	56201.90945	56201.91016	504629.1	5408640.8
T8640.0	504629.0	5408640.8	7390.60010	262.43	52.01	48.830728	-86.936925	56214.90	56250.5	-0.49	56214.41	56214.41016	56202.11546	56202.11719	504629.0	5408640.8
T8640.0	504629.0	5408640.8	7390.70020	261.65	48.28	48.830728	-86.936926	56215.05	56250.5	-0.48	56214.57	56214.57031	56202.31398	56202.31250	504629.0	5408640.8
T8640.0	504628.9	5408640.8	7390.79981	262.74	50.88	48.830727	-86.936927	56215.13	56250.5	-0.48	56214.65	56214.64844	56202.50497	56202.50391	504628.9	5408640.8
T8640.0	504628.9	5408640.7	7390.89990	262.74	50.88	48.830727	-86.936928	56215.16	56250.5	-0.47	56214.69	56214.69141	56202.68856	56202.68750	504628.9	5408640.7
T8640.0	504628.9	5408640.7	7391.00000	261.69	49.39	48.830727	-86.936928	56215.25	56250.5	-0.47	56214.78	56214.78125	56202.86451	56202.86328	504628.9	5408640.7
T8640.0	504628.8	5408640.7	7391.10010	261.35	48.98	48.830727	-86.936929	56215.43	56250.5	-0.47	56214.96	56214.96094	56203.03242	56203.03125	504628.8	5408640.7
T8640.0	504628.7	5408640.7	7391.20020	260.42	49.87	48.830727	-86.936930	56215.57	56250.5	-0.48	56215.09	56215.08984	56203.19359	56203.19531	504628.7	5408640.7
T8640.0	504628.6	5408640.7	7391.29981	260.49	49.87	48.830727	-86.936931	56215.66	56250.5	-0.48	56215.18	56215.17969	56203.34889	56203.34766	504628.6	5408640.7

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
T8640.0	504628.5	5408640.7	7391.39990	261.67	51.09	48.830727	-86.936933	56215.82	56250.5	-0.48	56215.34	56215.33984	56203.49714	56203.49609	504628.5	5408640.7
T8640.0	504628.4	5408640.6	7391.50000	260.63	46.19	48.830726	-86.936934	56215.94	56250.5	-0.49	56215.45	56215.44922	56203.64128	56203.64063	504628.4	5408640.6
T8640.0	504628.4	5408640.6	7391.60010	258.95	45.48	48.830726	-86.936934	56216.11	56250.5	-0.49	56215.62	56215.62109	56203.77969	56203.78125	504628.4	5408640.6
T8640.0	504628.3	5408640.6	7391.70020	256.57	47.25	48.830726	-86.936936	56216.31	56250.5	-0.49	56215.82	56215.82031	56203.91342	56203.91406	504628.3	5408640.6
T8640.0	504628.2	5408640.6	7391.79981	256.75	47.25	48.830726	-86.936937	56216.45	56250.5	-0.49	56215.95	56215.94922	56204.04727	56204.04688	504628.2	5408640.6
T8640.0	504628.1	5408640.6	7391.89990	256.03	48.18	48.830726	-86.936938	56216.62	56250.5	-0.50	56216.12	56216.12109	56204.17930	56204.17969	504628.1	5408640.6
T8640.0	504628.0	5408640.5	7392.00000	256.28	47.93	48.830726	-86.936940	56216.79	56250.5	-0.50	56216.29	56216.28906	56204.31158	56204.31250	504628.0	5408640.5
T8640.0	504628.0	5408640.5	7392.10010	256.44	47.71	48.830726	-86.936940	56216.96	56250.5	-0.50	56216.47	56216.46875	56204.44399	56204.44531	504628.0	5408640.5
T8640.0	504627.9	5408640.5	7392.20020	257.16	47.71	48.830725	-86.936941	56217.15	56250.5	-0.50	56216.65	56216.64844	56204.57837	56204.57813	504627.9	5408640.5
T8640.0	504627.8	5408640.5	7392.29981	256.68	47.94	48.830725	-86.936942	56217.32	56250.5	-0.49	56216.83	56216.82813	56204.71578	56204.71484	504627.8	5408640.5
T8640.0	504627.7	5408640.5	7392.39990	256.21	46.86	48.830725	-86.936943	56217.48	56250.5	-0.49	56216.99	56216.98828	56204.85783	56204.85938	504627.7	5408640.5
T8640.0	504627.6	5408640.4	7392.50000	256.46	47.37	48.830725	-86.936945	56217.66	56250.5	-0.49	56217.17	56217.17188	56205.02351	56205.02344	504627.6	5408640.4
T8640.0	504627.6	5408640.4	7392.60010	257.51	47.37	48.830725	-86.936945	56217.70	56250.5	-0.49	56217.21	56217.21094	56205.21517	56205.21484	504627.6	5408640.4
T8640.0	504627.6	5408640.4	7392.70020	256.33	46.47	48.830724	-86.936946	56217.96	56250.5	-0.49	56217.47	56217.46875	56205.39133	56205.39063	504627.6	5408640.4
T8640.0	504627.5	5408640.4	7392.79981	257.09	46.47	48.830724	-86.936947	56218.05	56250.5	-0.48	56217.56	56217.55859	56205.57803	56205.57813	504627.5	5408640.4
T8640.0	504627.4	5408640.4	7392.89990	259.53	46.36	48.830724	-86.936948	56218.24	56250.5	-0.48	56217.76	56217.76172	56205.75662	56205.75781	504627.4	5408640.4
T8640.0	504627.3	5408640.4	7393.00000	260.83	45.49	48.830724	-86.936949	56218.34	56250.5	-0.48	56217.86	56217.85938	56205.94112	56205.94141	504627.3	5408640.4
T8640.0	504627.2	5408640.3	7393.10010	258.32	45.49	48.830724	-86.936950	56218.48	56250.5	-0.48	56217.99	56217.98828	56206.12287	56206.12109	504627.2	5408640.3
T8640.0	504627.1	5408640.3	7393.20020	256.66	45.17	48.830724	-86.936952	56218.67	56250.5	-0.48	56218.19	56218.19141	56206.29924	56206.30078	504627.1	5408640.3
T8640.0	504627.0	5408640.3	7393.29981	255.68	45.47	48.830724	-86.936953	56218.86	56250.5	-0.49	56218.37	56218.37109	56206.47625	56206.47656	504627.0	5408640.3
T8640.0	504626.9	5408640.3	7393.39990	258.20	45.5	48.830723	-86.936954	56218.96	56250.5	-0.49	56218.47	56218.46875	56206.65790	56206.65625	504626.9	5408640.3
T8640.0	504626.9	5408640.3	7393.50000	256.86	45.5	48.830723	-86.936954	56219.16	56250.5	-0.49	56218.67	56218.67188	56206.83223	56206.83203	504626.9	5408640.3
T8640.0	504626.9	5408640.3	7393.60010	257.48	45.63	48.830723	-86.936955	56219.29	56250.5	-0.49	56218.80	56218.80078	56207.01058	56207.01172	504626.9	5408640.3
T8640.0	504626.8	5408640.3	7393.70020	258.24	45.46	48.830723	-86.936956	56219.42	56250.5	-0.49	56218.92	56218.92188	56207.18897	56207.18750	504626.8	5408640.3
T8640.0	504626.7	5408640.3	7393.79981	258.27	45.46	48.830723	-86.936957	56219.55	56250.5	-0.50	56219.05	56219.05078	56207.36608	56207.36719	504626.7	5408640.3
T8640.0	504626.6	5408640.3	7393.89990	258.43	45.11	48.830723	-86.936958	56219.76	56250.5	-0.50	56219.26	56219.26172	56207.53727	56207.53906	504626.6	5408640.3
T8640.0	504626.6	5408640.3	7394.00000	257.18	45.01	48.830723	-86.936958	56219.93	56250.5	-0.50	56219.43	56219.42969	56207.71056	56207.71094	504626.6	5408640.3
T8640.0	504626.6	5408640.3	7394.10010	256.33	44.57	48.830723	-86.936959	56220.03	56250.5	-0.50	56219.53	56219.53125	56207.88795	56207.88672	504626.6	5408640.3
T8640.0	504626.5	5408640.3	7394.20020	255.07	44.57	48.830723	-86.936961	56220.14	56250.5	-0.50	56219.65	56219.64844	56208.06348	56208.06250	504626.5	5408640.3
T8640.0	504626.4	5408640.3	7394.29981	255.41	44.54	48.830723	-86.936961	56220.27	56250.5	-0.50	56219.78	56219.78125	56208.23781	56208.23828	504626.4	5408640.3
T8640.0	504626.4	5408640.3	7394.39990	254.27	43.89	48.830723	-86.936961	56220.47	56250.5	-0.50	56219.98	56219.98047	56208.40697	56208.40625	504626.4	5408640.3
T8640.0	504626.3	5408640.3	7394.50000	254.75	43.74	48.830723	-86.936963	56220.64	56250.5	-0.49	56220.15	56220.14844	56208.57764	56208.57813	504626.3	5408640.3
T8640.0	504626.2	5408640.3	7394.60010	255.37	43.74	48.830723	-86.936964	56220.74	56250.5	-0.49	56220.24	56220.23828	56208.75317	56208.75391	504626.2	5408640.3
T8640.0	504626.2	5408640.3	7394.70020	254.25	43.39	48.830724	-86.936965	56220.92	56250.5	-0.49	56220.42	56220.42188	56208.92224	56208.92188	504626.2	5408640.3
T8640.0	504626.1	5408640.3	7394.79981	255.11	43.13	48.830724	-86.936965	56221.04	56250.5	-0.49	56220.54	56220.53906	56209.09487	56209.09375	504626.1	5408640.3
T8640.0	504626.1	5408640.3	7394.89990	255.24	43.13	48.830724	-86.936965	56221.20	56250.5	-0.49	56220.71	56220.71094	56209.26373	56209.26563	504626.1	5408640.3
T8640.0	504626.0	5408640.4	7395.00000	255.38	43.17	48.830724	-86.936967	56221.39	56250.5	-0.49	56220.90	56220.89844	56209.43084	56209.42969	504626.0	5408640.4
T8640.0	504626.0	5408640.4	7395.10010	256.55	43.74	48.830724	-86.936967	56221.50	56250.5	-0.49	56221.01	56221.01172	56209.60288	56209.60156	504626.0	5408640.4
T8640.0	504625.9	5408640.4	7395.20020	256.96	43.09	48.830724	-86.936968	56221.67	56250.5	-0.49	56221.18	56221.17969	56209.77054	56209.76953	504625.9	5408640.4
T8640.0	504625.8	5408640.4	7395.29981	256.19	43.09	48.830724	-86.936969	56221.81	56250.5	-0.49	56221.32	56221.32031	56209.93982	56209.94141	504625.8	5408640.4
T8640.0	504625.8	5408640.4	7395.39990	256.06	42.41	48.830724	-86.936970	56222.00	56250.5	-0.49	56221.51	56221.51172	56210.10540	56210.10547	504625.8	5408640.4
T8640.0	504625.7	5408640.4	7395.50000	255.30	42.4	48.830724	-86.936971	56222.10	56250.5	-0.49	56221.61	56221.60938	56210.27664	56210.27734	504625.7	5408640.4
T8640.0	504625.6	5408640.4	7395.60010	255.26	42.4	48.830724	-86.936972	56222.29	56250.5	-0.49	56221.80	56221.80078	56210.44154	56210.44141	504625.6	5408640.4
T8640.0	504625.5	5408640.4	7395.70020	255.37	42.37	48.830724	-86.936973	56222.46	56250.5	-0.49	56221.97	56221.96875	56210.60745	56210.60938	504625.5	5408640.4
T8640.0	504625.5	5408640.4	7395.79981	253.75	42.37	48.830724	-86.936973	56222.64	56250.5	-0.49	56222.15	56222.14844	56210.77238	56210.77344	504625.5	5408640.4
T8640.0	504625.5	5408640.4	7395.89990	250.85	42.14	48.830724	-86.936974	56222.79	56250.5	-0.49	56222.30	56222.30078	56210.93902	56210.93750	504625.5	5408640.4
T8640.0	504625.4	5408640.4	7396.00000	249.08	41.69	48.830725	-86.936975	56222.96	56250.5	-0.49	56222.47	56222.46875	56211.10403	56211.10547	504625.4	5408640.4
T8640.0	504625.3	5408640.4	7396.10010	249.64	41.69	48.830725	-86.936976	56223.09	56250.5	-0.49	56222.60	56222.60156	56211.27142	56211.26953	504625.3	5408640.4
T8640.0	504625.2	5408640.5	7396.20020	251.66	42.12	48.830725	-86.936977	56223.27	56250.5	-0.49	56222.78	56222.78125	56211.43522	56211.43359	504625.2	5408640.5
T8640.0	504625.2	5408640.5	7396.29981	253.53	42.12	48.830725	-86.936978	56223.45	56250.5	-0.49	56222.96	56222.96094	56211.59876	56211.59766	504625.2	5408640.5
T8640.0	504625.2	5408640.5	7396.39990	245.62	42.97	48.830725	-86.936978	56223.66	56250.5	-0.49	56223.17	56223.17188	56211.76006	56211.76172	504625.2	5408640.5
T8640.0	504625.0	5408640.5	7396.50000	247.74	42.35	48.830725	-86.936980	56223.88	56250.5	-0.49	56223.39	56223.39063	56211.92045	56211.92188	504625.0	5408640.5
T8640.0	504625.0	5408640.5	7396.60010	252.34	42.35	48.830725	-86.936981	56223.98	56250.5	-0.49	56223.49	56223.48828	56212.08861	56212.08984	504625.0	5408640.5
T8640.0	504624.9	5408640.5	7396.70020	252.84	41.52	48.830725	-86.936982	56224.22	56250.5	-0.49	56223.73	56223.73047	56212.24722	56212.24609	504624.9	5408640.5
T8640.0	504624.9	5408640.5	7396.79981	253.12	40.86	48.830725	-86.936982	56224.34	56250.5	-0.49	56223.85	56223.85156	56212.41363	56212.41406	504624.9	5408640.5
T8640.0	504624.8	5408640.5	7396.89990	252.73	40.86	48.830726	-86.936984	56224.53	56250.5	-0.49	56224.04	56224.03906	56212.57517	56212.57422	504624.8	5408640.5
T8640.0	504624.7	5408640.6	7397.00000	252.04	40.8	48.830726	-86.936985	56224.72	56250.5	-0.49	56224.23	56224.23047	56212.73651	56212.73828	504624.7	5408640.6
T8640.0	504624.6	5408640.6	7397.10010	251.99	40.8	48.830726	-86.936986	56224.91	56250.5	-0.49	56224.42	56224.42188	56212.89768	56212.89844	504624.6	5408640.6
T8640.0	504624.5	5408640.6	7397.20020	250.60	42.77	48.830726	-86.936988	56225.08	56250.5	-0.49	56224.59	56224.58984	56213.06001	56213.05859	504624.5	5408640.6
T8640.0	504624.5	5408640.6	7397.29981	252.65	42.66	48.830726	-86.936988	56225.32	56250.5	-0.49	56224.82	56224.82031	56213.21816	56213.21875	504624.5	5408640.6
T8640.0	504624.4	5408640.6	7397.39990	251.14	42.66	48.830726	-86.936989	56225.52	56250.5	-0.49	56225.03	56225.03125	56213.37749	56213.37891	504624.4	5408640.6
T8640.0	504624.3	5408640.7	7397.50000	250.52	42.45	48.830727	-86.936990	56225.72	56250.5	-0.49	56225.22	56225.21875	56213.53801	56213.53906	504624.3	5408640.7
T8640.0	504624.2	5408640.7	7397.60010	250.40	42.12	48.830727	-86.936991	56225.88	56250.5	-0.50	56225.38	56225.37891	56213.70038	56213.69922	504624.2	5408640.7
T8640.0	504624.1	5408640.7	7397.70020	247.01	41.29	48.830727	-86.936992	56226.13	56250.5	-0.50	56225.63	56225.62891	56213.85661	56213.85547	504624.1	5408640.7
T8640.0	504624.1	5408640.7	7397.79981	246.69	41.29	48.830727	-86.936992	56226.25	56250.5	-0.50	56225.76	56225.76172	56214.02071	56214.01953	504624.1	5408640.7
T8640.0	504624.0	5408640.7	7397.89990	251.71	40.28	48.830727	-86.936995	56226.54	56250.5	-0.50	56226.04	56226.03906	56214.17469	56214.17578	504624.0	5408640.7
T8640.0	504624.0	5408640.7	7398.00000	250.25	40.09	48.830727	-86.936995	56226.66	56250.5	-0.50	56226.16	56226.16016	56214.33921	56214.33984	504624.0	5408640.7
T8640.0	504623.9	5408640.7	7398.10010	248.78	40.22	48.830727	-86.936996	56226.90	56250.5	-0.50	56226.40	56226.39844	56214.49562	56214.49609	504623.9	5408640.7
T8640.0	504623.8	5408640.7	7398.20020	248.93	40.22	48.830727	-86.936997	56227.07	56250.5	-0.50	56226.57	56226.57031	56214.65660	56214.65625	504623.8	5408640.7
T8640.0	504623.7	5408640.8	7398.29981	249.88	41.59	48.830727	-86.936998	56227.28	56250.5	-0.50	56226.78	56226.78125	56214.81480	56214.81641	504623.7	5408640.8
T8640.0	504623.6	5408640.8	7398.39990	251.92	43.59	48.830728	-86.937000	56227.42	56250.5	-0.50	56226.92	56226.92188	56214.97758	56214.97656	504623.6	5408640.8
T8640.0	504623.5	5408640.8	7398.50000	251.74	45.88	48.830728	-86.937001	56227.66	56250.5	-0.50	56227.16	56227.16016	56215.13360	56215.13281	504623.5	5408640.8
T8640.0	504623.4	5408640.8	7398.60010	252.52	45.88	48.830728	-86.937003	56227.84	56250.5	-0.50	56227.34	56227.33984	56215.29354	56215.29297	504623.4	5408640.8
T8640.0	504623.4	5408640.8	7398.70020	252.48	43.29	48.830728	-86.937003	56228.07	56250.5	-0.50	56227.57	56227.57031	56215.45006	56215.44922	504623.4	5408640.8
T8640.0	504623.3	5408640.8	7398.79981	251.92	43.29	48.830728	-86.937004	56228.24	56250.5	-0.50	56227.74	56227.73828	56215.61052	56215.60938	504623.3	5408640.8
T8640.0	504623.2	5408640.8	7398.89990	253.33	42.69	48.830728	-86.937006	56228.43	56250.5	-0.50	56227.93	56227.92969	56215.76956	56215.76953	504623.2	5408640.8
T8640.0	504623.2	5408640.8	7399.00000	252.13	42.26	48.830728	-86.937006	56228.66	56250.5	-0.50	56228.16	56228.16016	56215.92588	56215.92578	504623.2	5408640.8
T8640.0	504623.1	5408640.8	7399.10010	250.84	42.26	48.830728	-86.937007	56228.84	56250.5	-0.50	56228.34	56228.33984	56216.08546	56216.08594	504623.1	5408640.8
T8640.0	504623.0	5408640.9	7399.20020	250.13	42.24	48.830728	-86.937008	56229.06	56250.5	-0.50	56228.56	56228.55859	56216.24233	56216.24219	504623.0	5408640.9
T8640.0	504622.9	5408640.9	7399.29981	250.87	41.82	48.830729	-86.937009	56229.25	56250.5	-0.50	56228.75	56228.75000	56216.40114	56216.40234	504622.9	5408640.9
T8640.0	504622.8	5408640.9	7399.39990	250.27	41.82	48.830729	-86.937010	56229.42	56250.5	-0.50	56228.92	56228.92188	56216.56123	56216.56250	504622.8	5408640.9
T8640.0	504622.7	5408640.9	7399.50000	249.71	42.05	48.830729	-86.937011	56229.65	56250.5	-0.50	56229.15	56229.14844	56216.71728	56216.71875	504622.7	5408640.9
T8640.0	504622.6	5408640.9	7399.60010	250.10	43.42	48.830729	-86.937013	56229.84	56250.5	-0.50	56229.34	56229.33984	56216.87595	56216.87500	504622.6	5408640.9
T8640.0	504622.6	5408641.0	7399.70020	249.56	43.51	48.830729	-86.937014	56230.03	56250.5	-0.50	56229.53	56229.53125	56217.03459	56217.03516	504622.6	5408641.0
T8640.0	504622.5	5408641.0	7399.79981	249.05	41.74	48.830730	-86.937015	56230.24	56250.5	-0.50	56229.74	56229.73828	56217.19186	56217.19141	504622.5	5408641.0
T8640.0	504622.4	5408641.0	7399.89990	248.34	41.74	48.830730	-86.937016	56230.41	56250.5	-0.50	56229.91	56229.91016	56217.35176	56217.35156	504622.4	5408641.0
T8640.0	504622.3	5408641.0	7400.00000	247.92	41.61	48.830730	-86.937017	56230.65	56250.5	-0.50	56230.15	56230.14844	56217.50697	56217.50781	504622.3	5408641.0
T8640.0	504622.3	5408641.0	7400.10010	248.54	43.55	48.830730	-86.937017	56230.83	56250.5	-0.50	56230.33	56230.32813	56217.66615	56217.66797	504622.3	5408641.0
T8640.0	504622.2	5408641.0	7400.20020	247.95	39.75	48.830730	-86.937019	56231.06	56250.5	-0.50	56230.56	56230.55859	56217.82197	56217.82031	504622.2	5408641.0
T8640.0	504622.1	5408641.1	7400.29981	246.42	39.75	48.830730	-86.937020	56231.21	56250.5	-0.50	56230.71	56230.71094	56217.98311	56217.98438	504622.1	5408641.1
T8640.0	504622.0	5408641.1	7400.39990	245.02	38.8	48.830730	-86.937021	56231.48	56250.5	-0.50	56230.98	56230.98047	56218.13623	56218.13672	504622.0	5408641.1
T8640.0	504621.9	5408641.1	7400.50000	245.17	38.8	48.830730	-86.937022	56231.69	56250.5	-0.50	56231.19	56231.19141	56218.29334	56218.29297	504621.9	5408641.1
T8640.0	504621.8	5408641.1	7400.60010	247.02	43.18	48.830731	-86.937024	56231.82	56250.5	-0.50	56231.32	56231.32031	56218.45576	56218.45703	504621.8	5408641.1

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
T8640.0	504621.7	5408641.1	7400.70020	246.64	42.3	48.830731	-86.937025	56232.07	56250.5	-0.50	56231.57	56231.57031	56218.61018	56218.60938	504621.7	5408641.1
T8640.0	504621.7	5408641.1	7400.79981	247.76	42.3	48.830731	-86.937025	56232.25	56250.5	-0.50	56231.75	56231.75000	56218.76925	56218.76953	504621.7	5408641.1
T8640.0	504621.6	5408641.1	7400.89990	247.21	39.57	48.830731	-86.937026	56232.49	56250.5	-0.50	56231.99	56231.98828	56218.92432	56218.92578	504621.6	5408641.1
T8640.0	504621.5	5408641.1	7401.00000	248.32	38.75	48.830731	-86.937028	56232.61	56250.5	-0.50	56232.11	56232.10938	56219.08739	56219.08594	504621.5	5408641.1
T8640.0	504621.5	5408641.1	7401.10010	248.65	38.48	48.830731	-86.937029	56232.86	56250.5	-0.50	56232.36	56232.35938	56219.24178	56219.24219	504621.5	5408641.1
T8640.0	504621.3	5408641.2	7401.20020	247.79	37.34	48.830731	-86.937030	56233.07	56250.5	-0.51	56232.57	56232.57031	56219.39885	56219.39844	504621.3	5408641.2
T8640.0	504621.3	5408641.2	7401.29981	247.83	37.34	48.830731	-86.937031	56233.25	56250.5	-0.51	56232.75	56232.75000	56219.55791	56219.55859	504621.3	5408641.2
T8640.0	504621.2	5408641.2	7401.39990	250.02	38.15	48.830731	-86.937033	56233.52	56250.5	-0.51	56233.01	56233.01172	56219.71164	56219.71094	504621.2	5408641.2
T8640.0	504621.1	5408641.2	7401.50000	250.23	37.58	48.830731	-86.937033	56233.74	56250.5	-0.51	56233.22	56233.21875	56219.86871	56219.86719	504621.1	5408641.2
T8640.0	504621.0	5408641.2	7401.60010	249.80	37.58	48.830731	-86.937035	56233.94	56250.5	-0.52	56233.42	56233.42188	56220.02645	56220.02734	504621.0	5408641.2
T8640.0	504620.9	5408641.2	7401.70020	249.96	36.35	48.830732	-86.937036	56234.14	56250.5	-0.52	56233.62	56233.62109	56220.18420	56220.18359	504620.9	5408641.2
T8640.0	504620.9	5408641.2	7401.79981	249.64	35.69	48.830732	-86.937036	56234.35	56250.5	-0.52	56233.82	56233.82031	56220.34196	56220.34375	504620.9	5408641.2
T8640.0	504620.8	5408641.2	7401.89990	248.77	35.69	48.830732	-86.937037	56234.55	56250.5	-0.53	56234.02	56234.01953	56220.49973	56220.50000	504620.8	5408641.2
T8640.0	504620.7	5408641.2	7402.00000	248.31	36.29	48.830732	-86.937039	56234.75	56250.5	-0.53	56234.22	56234.21875	56220.65750	56220.65625	504620.7	5408641.2
T8640.0	504620.7	5408641.2	7402.10010	246.26	33.68	48.830732	-86.937039	56235.04	56250.5	-0.53	56234.51	56234.51172	56220.80929	56220.80859	504620.7	5408641.2
T8640.0	504620.6	5408641.2	7402.20020	246.34	33.68	48.830732	-86.937041	56235.22	56250.5	-0.53	56234.69	56234.69141	56220.96843	56220.96875	504620.6	5408641.2
T8640.0	504620.5	5408641.2	7402.29981	246.88	32.63	48.830732	-86.937041	56235.46	56250.5	-0.53	56234.93	56234.92969	56221.12357	56221.12500	504620.5	5408641.2
T8640.0	504620.4	5408641.2	7402.39990	246.98	34.55	48.830732	-86.937043	56235.70	56250.5	-0.53	56235.17	56235.17188	56221.27873	56221.27734	504620.4	5408641.2
T8640.0	504620.3	5408641.2	7402.50000	245.08	35.24	48.830732	-86.937044	56235.91	56250.5	-0.53	56235.38	56235.37891	56221.43591	56221.43750	504620.3	5408641.2
T8640.0	504620.3	5408641.2	7402.60010	244.06	35.24	48.830732	-86.937044	56236.16	56250.5	-0.53	56235.63	56235.62891	56221.59043	56221.58984	504620.3	5408641.2
T8640.0	504620.2	5408641.2	7402.70020	245.10	34.81	48.830732	-86.937046	56236.36	56250.5	-0.53	56235.83	56235.82813	56221.74830	56221.75000	504620.2	5408641.2
T8640.0	504620.1	5408641.2	7402.79981	244.86	34.63	48.830732	-86.937047	56236.62	56250.5	-0.53	56236.09	56236.08984	56221.90219	56221.90234	504620.1	5408641.2
T8640.0	504620.0	5408641.2	7402.89990	246.07	31.81	48.830732	-86.937049	56236.77	56250.5	-0.53	56236.24	56236.23828	56222.06343	56222.06250	504620.0	5408641.2
T8640.0	504619.9	5408641.2	7403.00000	247.04	31.81	48.830732	-86.937050	56237.08	56250.5	-0.53	56236.55	56236.55078	56222.21401	56222.21484	504619.9	5408641.2
T8640.0	504619.8	5408641.2	7403.10010	246.24	30.35	48.830732	-86.937051	56237.28	56250.5	-0.53	56236.75	56236.75000	56222.37195	56222.37109	504619.8	5408641.2
T8640.0	504619.8	5408641.2	7403.20020	247.20	29.83	48.830732	-86.937051	56237.48	56250.5	-0.53	56236.95	56236.94922	56222.52991	56222.53125	504619.8	5408641.2
T8640.0	504619.6	5408641.3	7403.29981	246.60	29.83	48.830732	-86.937054	56237.74	56250.5	-0.53	56237.21	56237.21094	56222.68388	56222.68359	504619.6	5408641.3
T8640.0	504619.6	5408641.3	7403.39990	245.23	32.11	48.830732	-86.937054	56237.94	56250.5	-0.53	56237.41	56237.41016	56222.84186	56222.84375	504619.6	5408641.3
T8640.0	504619.5	5408641.3	7403.50000	245.32	32.11	48.830732	-86.937056	56238.21	56250.5	-0.53	56237.68	56237.67969	56222.99520	56222.99609	504619.5	5408641.3
T8640.0	504619.4	5408641.3	7403.60010	246.69	36.91	48.830732	-86.937057	56238.42	56250.5	-0.53	56237.89	56237.89063	56223.15256	56223.15234	504619.4	5408641.3
T8640.0	504619.3	5408641.2	7403.70020	244.50	36.82	48.830732	-86.937059	56238.66	56250.5	-0.53	56238.13	56238.12891	56223.30793	56223.30859	504619.3	5408641.2
T8640.0	504619.3	5408641.2	7403.79981	243.73	36.82	48.830732	-86.937059	56238.86	56250.5	-0.53	56238.33	56238.32813	56223.46599	56223.46484	504619.3	5408641.2
T8640.0	504619.1	5408641.2	7403.89990	244.37	36.09	48.830732	-86.937061	56239.15	56250.5	-0.53	56238.62	56238.62109	56223.61806	56223.61719	504619.1	5408641.2
T8640.0	504619.0	5408641.2	7404.00000	242.67	36.05	48.830732	-86.937062	56239.38	56250.5	-0.53	56238.85	56238.85156	56223.77415	56223.77344	504619.0	5408641.2
T8640.0	504618.9	5408641.2	7404.10010	241.95	35.93	48.830732	-86.937063	56239.59	56250.5	-0.53	56239.06	56239.05859	56223.93159	56223.92969	504618.9	5408641.2
T8640.0	504618.9	5408641.2	7404.20020	243.36	35.93	48.830732	-86.937063	56239.78	56250.5	-0.53	56239.25	56239.25000	56224.09037	56224.08984	504618.9	5408641.2
T8640.0	504618.8	5408641.2	7404.29981	244.13	35.46	48.830732	-86.937065	56240.06	56250.5	-0.54	56239.53	56239.53125	56224.24318	56224.24219	504618.8	5408641.2
T8640.0	504618.7	5408641.2	7404.39990	243.45	33.53	48.830732	-86.937067	56240.29	56250.5	-0.54	56239.75	56239.75000	56224.40000	56224.39844	504618.7	5408641.2
T8640.0	504618.6	5408641.2	7404.50000	244.28	33.53	48.830732	-86.937068	56240.47	56250.5	-0.54	56239.93	56239.92969	56224.55950	56224.55859	504618.6	5408641.2
T8640.0	504618.6	5408641.2	7404.60010	244.21	34.43	48.830732	-86.937068	56240.71	56250.5	-0.54	56240.17	56240.17188	56224.71501	56224.71484	504618.6	5408641.2
T8640.0	504618.5	5408641.2	7404.70020	245.77	33.14	48.830732	-86.937069	56241.00	56250.5	-0.54	56240.46	56240.46094	56224.86720	56224.86719	504618.5	5408641.2
T8640.0	504618.4	5408641.2	7404.79981	244.97	33.14	48.830732	-86.937071	56241.18	56250.5	-0.55	56240.64	56240.64063	56225.02674	56225.02734	504618.4	5408641.2
T8640.0	504618.3	5408641.2	7404.89990	245.37	33.52	48.830732	-86.937072	56241.42	56250.5	-0.55	56240.87	56240.87109	56225.18296	56225.18359	504618.3	5408641.2
T8640.0	504618.2	5408641.2	7405.00000	244.60	33.52	48.830732	-86.937073	56241.64	56250.6	-0.55	56241.09	56241.08984	56225.33986	56225.33984	504618.2	5408641.2
T8640.0	504618.1	5408641.2	7405.10010	244.51	33.07	48.830732	-86.937075	56241.86	56250.5	-0.55	56241.31	56241.30859	56225.49677	56225.49609	504618.1	5408641.2
T8640.0	504618.0	5408641.2	7405.20020	243.19	32.82	48.830732	-86.937076	56242.08	56250.5	-0.55	56241.53	56241.53125	56225.65369	56225.65234	504618.0	5408641.2
T8640.0	504617.9	5408641.2	7405.29981	241.58	31.48	48.830732	-86.937077	56242.36	56250.5	-0.55	56241.82	56241.82031	56225.80595	56225.80469	504617.9	5408641.2
T8640.0	504617.9	5408641.2	7405.39990	241.53	31.48	48.830732	-86.937077	56242.56	56250.5	-0.55	56242.01	56242.01172	56225.96489	56225.96484	504617.9	5408641.2
T8640.0	504617.8	5408641.2	7405.50000	242.48	31.33	48.830732	-86.937079	56242.82	56250.5	-0.54	56242.28	56242.28125	56226.11850	56226.11719	504617.8	5408641.2
T8640.0	504617.7	5408641.2	7405.60010	243.21	31.33	48.830732	-86.937080	56243.00	56250.5	-0.54	56242.45	56242.44922	56226.27879	56226.27734	504617.7	5408641.2
T8640.0	504617.6	5408641.2	7405.70020	243.02	31.31	48.830732	-86.937081	56243.29	56250.5	-0.54	56242.74	56242.73828	56226.43108	56226.42969	504617.6	5408641.2
T8640.0	504617.6	5408641.2	7405.79981	242.52	31.31	48.830732	-86.937081	56243.51	56250.5	-0.54	56242.97	56242.96875	56226.58739	56226.58594	504617.6	5408641.2
T8640.0	504617.4	5408641.2	7405.89990	242.79	31.47	48.830732	-86.937084	56243.68	56250.5	-0.54	56243.14	56243.14063	56226.74769	56226.74609	504617.4	5408641.2
T8640.0	504617.4	5408641.2	7406.00000	242.23	31.47	48.830732	-86.937085	56243.98	56250.5	-0.54	56243.44	56243.44141	56226.89933	56226.89844	504617.4	5408641.2
T8640.0	504617.4	5408641.2	7406.10010	241.17	32.11	48.830732	-86.937085	56244.20	56250.5	-0.54	56243.66	56243.66016	56227.05631	56227.05469	504617.4	5408641.2
T8640.0	504617.2	5408641.2	7406.20020	240.69	32.02	48.830731	-86.937086	56244.42	56250.5	-0.54	56243.88	56243.87891	56227.21330	56227.21484	504617.2	5408641.2
T8640.0	504617.2	5408641.2	7406.29981	241.49	32.02	48.830731	-86.937087	56244.66	56250.5	-0.54	56244.12	56244.12109	56227.36895	56227.36719	504617.2	5408641.2
T8640.0	504617.1	5408641.2	7406.39990	241.99	31.77	48.830731	-86.937089	56244.89	56250.5	-0.54	56244.35	56244.35156	56227.52526	56227.52344	504617.1	5408641.2
T8640.0	504617.1	5408641.2	7406.50000	235.76	31.77	48.830731	-86.937089	56245.16	56250.5	-0.54	56244.63	56244.62891	56227.67825	56227.67969	504617.1	5408641.2
T8640.0	504617.0	5408641.2	7406.60010	233.86	31.77	48.830731	-86.937090	56245.38	56250.5	-0.53	56244.84	56244.83984	56227.83589	56227.83594	504617.0	5408641.2
T8640.0	504616.8	5408641.2	7406.70020	242.65	30.99	48.830731	-86.937092	56245.63	56250.5	-0.53	56245.10	56245.10156	56227.99021	56227.98828	504616.8	5408641.2
T8640.0	504616.7	5408641.2	7406.79981	241.15	30.94	48.830731	-86.937093	56245.86	56250.5	-0.53	56245.33	56245.32813	56228.14652	56228.14844	504616.7	5408641.2
T8640.0	504616.7	5408641.2	7406.89990	241.39	30.94	48.830731	-86.937094	56246.08	56250.5	-0.53	56245.55	56245.55078	56228.30349	56228.30469	504616.7	5408641.2
T8640.0	504616.7	5408641.2	7407.00000	240.14	31.42	48.830731	-86.937094	56246.36	56250.5	-0.53	56245.83	56245.82813	56228.45646	56228.45703	504616.7	5408641.2
T8640.0	504616.5	5408641.2	7407.10010	240.35	31.48	48.830731	-86.937096	56246.61	56250.5	-0.53	56246.07	56246.07031	56228.61208	56228.61328	504616.5	5408641.2
T8640.0	504616.5	5408641.2	7407.20020	240.89	31.45	48.830731	-86.937097	56246.88	56250.5	-0.54	56246.34	56246.33984	56228.76570	56228.76563	504616.5	5408641.2
T8640.0	504616.3	5408641.2	7407.29981	241.50	31.18	48.830731	-86.937098	56247.12	56250.5	-0.54	56246.57	56246.57031	56228.92198	56228.92188	504616.3	5408641.2
T8640.0	504616.3	5408641.2	7407.39990	241.45	31.03	48.830731	-86.937100	56247.36	56250.5	-0.55	56246.81	56246.80859	56229.07759	56229.07813	504616.3	5408641.2
T8640.0	504616.3	5408641.2	7407.50000	242.24	31.03	48.830731	-86.937100	56247.62	56250.6	-0.55	56247.07	56247.07031	56229.23185	56229.23047	504616.3	5408641.2
T8640.0	504616.2	5408641.2	7407.60010	240.84	30.79	48.830731	-86.937101	56247.89	56250.6	-0.55	56247.34	56247.33984	56229.38543	56229.38672	504616.2	5408641.2
T8640.0	504616.1	5408641.2	7407.70020	240.29	30.35	48.830731	-86.937102	56248.16	56250.6	-0.56	56247.60	56247.60156	56229.53967	56229.53906	504616.1	5408641.2
T8640.0	504616.0	5408641.2	7407.79981	238.01	30.13	48.830731	-86.937104	56248.41	56250.6	-0.56	56247.84	56247.83984	56229.69522	56229.69531	504616.0	5408641.2
T8640.0	504615.9	5408641.2	7407.89990	238.55	30.13	48.830731	-86.937105	56248.66	56250.6	-0.57	56248.10	56248.10156	56229.84944	56229.84766	504615.9	5408641.2
T8640.0	504615.8	5408641.2	7408.00000	237.88	29.93	48.830731	-86.937106	56248.94	56250.6	-0.57	56248.37	56248.37109	56230.00297	56230.00391	504615.8	5408641.2
T8640.0	504615.8	5408641.2	7408.10010	237.73	30.53	48.830731	-86.937106	56249.13	56250.6	-0.57	56248.56	56248.55859	56230.16182	56230.16016	504615.8	5408641.2
T8640.0	504615.7	5408641.2	7408.20020	237.79	30.53	48.830731	-86.937108	56249.38	56250.6	-0.57	56248.80	56248.80078	56230.31733	56230.31641	504615.7	5408641.2
T8640.0	504615.5	5408641.2	7408.29981	237.60	34.14	48.830731	-86.937110	56249.68	56250.6	-0.58	56249.10	56249.10156	56230.46881	56230.46875	504615.5	5408641.2
T8640.0	504615.5	5408641.2	7408.39990	237.85	33.34	48.830731	-86.937111	56249.96	56250.6	-0.58	56249.38	56249.37891	56230.62162	56230.62109	504615.5	5408641.2
T8640.0	504615.4	5408641.2	7408.50000	236.54	33.34	48.830731	-86.937112	56250.25	56250.6	-0.58	56249.67	56249.67188	56230.77374	56230.77344	504615.4	5408641.2
T8640.0	504615.3	5408641.2	7408.60010	236.00	33	48.830731	-86.937113	56250.48	56250.6	-0.58	56249.90	56249.89844	56230.92985	56230.92969	504615.3	5408641.2
T8640.0	504615.2	5408641.2	7408.70020	237.90	32.87	48.830731	-86.937114	56250.72	56250.6	-0.58	56250.14	56250.14063	56231.08528	56231.08594	504615.2	5408641.2
T8640.0	504615.1	5408641.2	7408.79981	237.75	32.27	48.830731	-86.937116	56250.98	56250.6	-0.59	56250.40	56250.39844	56231.23935	56231.23828	504615.1	5408641.2
T8640.0	504615.0	5408641.2	7408.89990	240.34	32.27	48.830731	-86.937117	56251.29	56250.6	-0.59	56250.71	56250.71094	56231.39008	56231.39063	504615.0	5408641.2
T8640.0	504615.0	5408641.2	7409.00000	239.60	31.04	48.830731	-86.937117	56251.50	56250.6	-0.59	56250.91	56250.91016	56231.54812	56231.54688	504615.0	5408641.2
T8640.0	504614.9	5408641.2	7409.10010	239.92	30.91	48.830731	-86.937118	56251.80	56250.6	-0.59	56251.21	56251.21094	56231.69949	56231.69922	504614.9	5408641.2
T8640.0	504614.8	5408641.2	7409.20020	236.74	30.52	48.830731	-86.937119	56252.06	56250.6	-0.59	56251.47	56251.46875	56231.85350	56231.85156	504614.8	5408641.2
T8640.0	504614.7	5408641.2	7409.29981	235.82	30.52	48.830732	-86.937120	56252.32	56250.6	-0.59	56251.73	56251.73047	56232.00750	56232.00781	504614.7	5408641.2
T8640.0	504614.6	5408641.2	7409.39990	234.59	30.39	48.830732	-86.937122	56252.59	56250.6	-0.59	56252.00	56252.00000	56232.16083	56232.16016	504614.6	5408641.2
T8640.0	504614.6	5408641.2	7409.50000	234.18	30.39	48.830732	-86.937122	56252.83	56250.6	-0.58	56252.24	56252.23828	56232.31614	56232.31641	504614.6	5408641.2
T8640.0	504614.5	5408641.2	7409.60010	233.57	30.23	48.830732	-86.937123	56253.13	56250.6	-0.58	56252.54	56252.53906	56232.46744	56232.46875	504614.5	5408641.2
T8640.0	504614.4	5408641.2	7409.70020	232.67	30.13	48.830732	-86.937125	56253.34	56250.6	-0.58	56252.76	56252.76172	56232.62406	56232.62500	504614.4	5408641.2
T8640.0	504614.4	5408641.2	7409.79981	233.19	30.13	48.830732	-86.937125	56253.64	56250.6	-0.58	56253.06	56253.05859	56232.77535	56232.77344	504614.4	5408641.2
T8640.0	504614.3	5408641.2	7409.89990	235.00	29.28	48.830732	-86.937126	56253.90	56250.6	-0.58	56253.32	56253.32031	56232.92930	56232.92969	504614.3	5408641.2

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
T8640.0	504614.2	5408641.2	7410.00000	235.47	28.8	48.830732	-86.937127	56254.10	56250.6	-0.58	56253.52	56253.51953	56233.08724	56233.08594	504614.2	5408641.2
T8640.0	504614.2	5408641.2	7410.10010	236.13	28.8	48.830732	-86.937128	56254.38	56250.6	-0.58	56253.80	56253.80078	56233.23985	56233.23828	504614.2	5408641.2
T8640.0	504614.1	5408641.3	7410.20020	236.01	27.52	48.830732	-86.937130	56254.66	56250.6	-0.58	56254.08	56254.07813	56233.39246	56233.39063	504614.1	5408641.3
T8640.0	504614.0	5408641.3	7410.29981	234.93	27.52	48.830732	-86.937131	56254.91	56250.6	-0.59	56254.33	56254.32813	56233.54708	56233.54688	504614.0	5408641.3
T8640.0	504614.0	5408641.3	7410.39990	235.75	27.54	48.830732	-86.937131	56255.23	56250.6	-0.59	56254.64	56254.64063	56233.69770	56233.69922	504614.0	5408641.3
T8640.0	504613.9	5408641.3	7410.50000	234.93	26.64	48.830732	-86.937132	56255.45	56250.6	-0.59	56254.86	56254.85938	56233.85434	56233.85547	504613.9	5408641.3
T8640.0	504613.8	5408641.3	7410.60010	237.08	26.64	48.830732	-86.937134	56255.71	56250.6	-0.59	56255.12	56255.12109	56234.00833	56234.00781	504613.8	5408641.3
T8640.0	504613.7	5408641.3	7410.70020	235.89	27.39	48.830732	-86.937135	56255.98	56250.6	-0.59	56255.39	56255.39063	56234.16167	56234.16016	504613.7	5408641.3
T8640.0	504613.6	5408641.3	7410.79981	236.97	27.97	48.830732	-86.937136	56256.25	56250.6	-0.60	56255.65	56255.64844	56234.31569	56234.31641	504613.6	5408641.3
T8640.0	504613.6	5408641.3	7410.89990	236.29	27.97	48.830732	-86.937136	56256.50	56250.6	-0.60	56255.90	56255.89844	56234.47042	56234.46875	504613.6	5408641.3
T8640.0	504613.4	5408641.3	7411.00000	237.42	27.48	48.830732	-86.937138	56256.77	56250.6	-0.60	56256.17	56256.17188	56234.62384	56234.62500	504613.4	5408641.3
T8640.0	504613.4	5408641.3	7411.10010	239.80	27.51	48.830732	-86.937138	56256.98	56250.6	-0.60	56256.38	56256.37891	56234.78130	56234.78125	504613.4	5408641.3
T8640.0	504613.3	5408641.3	7411.20020	238.29	27.49	48.830732	-86.937140	56257.29	56250.6	-0.60	56256.69	56256.69141	56234.93213	56234.93359	504613.3	5408641.3
T8640.0	504613.2	5408641.3	7411.29981	238.99	27.01	48.830732	-86.937141	56257.52	56250.6	-0.60	56256.92	56256.92188	56235.08835	56235.08984	504613.2	5408641.3
T8640.0	504613.1	5408641.3	7411.39990	237.23	25.91	48.830732	-86.937142	56257.88	56250.6	-0.60	56257.28	56257.28125	56235.23595	56235.23438	504613.1	5408641.3
T8640.0	504613.0	5408641.3	7411.50000	235.83	25.91	48.830733	-86.937143	56258.11	56250.6	-0.60	56257.51	56257.51172	56235.39228	56235.39063	504613.0	5408641.3
T8640.0	504613.0	5408641.3	7411.60010	235.21	25.08	48.830733	-86.937145	56258.34	56250.6	-0.60	56257.74	56257.73828	56235.54868	56235.54688	504613.0	5408641.3
T8640.0	504613.0	5408641.3	7411.70020	234.64	24.78	48.830733	-86.937145	56258.68	56250.6	-0.60	56258.08	56258.07813	56235.69781	56235.69922	504613.0	5408641.3
T8640.0	504612.9	5408641.3	7411.79981	233.65	24.78	48.830733	-86.937146	56258.89	56250.6	-0.60	56258.29	56258.28906	56235.85569	56235.85547	504612.9	5408641.3
T8640.0	504612.7	5408641.3	7411.89990	232.91	24.26	48.830733	-86.937148	56259.18	56250.6	-0.60	56258.58	56258.57813	56236.00833	56236.00781	504612.7	5408641.3
T8640.0	504612.7	5408641.3	7412.00000	231.06	24.26	48.830733	-86.937148	56259.43	56250.6	-0.60	56258.83	56258.82813	56236.16372	56236.16406	504612.7	5408641.3
T8640.0	504612.6	5408641.3	7412.10010	229.80	23.87	48.830733	-86.937149	56259.74	56250.6	-0.60	56259.14	56259.14063	56236.31522	56236.31641	504612.6	5408641.3
T8640.0	504612.5	5408641.3	7412.20020	231.21	23.87	48.830733	-86.937150	56259.94	56250.6	-0.60	56259.34	56259.33984	56236.47415	56236.47266	504612.5	5408641.3
T8640.0	504612.4	5408641.3	7412.29981	231.99	24.13	48.830733	-86.937152	56260.25	56250.6	-0.60	56259.64	56259.64063	56236.62654	56236.62500	504612.4	5408641.3
T8640.0	504612.4	5408641.3	7412.39990	231.82	24.13	48.830733	-86.937152	56260.53	56250.6	-0.60	56259.92	56259.92188	56236.78038	56236.78125	504612.4	5408641.3
T8640.0	504612.3	5408641.3	7412.50000	233.13	23.2	48.830733	-86.937153	56260.81	56250.6	-0.60	56260.20	56260.19922	56236.93435	56236.93359	504612.3	5408641.3
T8640.0	504612.2	5408641.3	7412.60010	234.22	23.2	48.830733	-86.937154	56261.06	56250.6	-0.61	56260.46	56260.46094	56237.08979	56237.08984	504612.2	5408641.3
T8640.0	504612.1	5408641.4	7412.70020	233.63	22.23	48.830733	-86.937156	56261.28	56250.6	-0.61	56260.67	56260.67188	56237.24871	56237.25000	504612.1	5408641.4
T8640.0	504612.1	5408641.4	7412.79981	226.36	21.45	48.830733	-86.937156	56261.49	56250.6	-0.61	56260.88	56260.87891	56237.40778	56237.40625	504612.1	5408641.4
T8640.0	504612.1	5408641.4	7412.89990	225.16	21.45	48.830733	-86.937157	56261.68	56250.6	-0.61	56261.07	56261.07031	56237.56835	56237.56641	504612.1	5408641.4
T8640.0	504612.0	5408641.4	7413.00000	227.99	21.29	48.830733	-86.937158	56261.81	56250.6	-0.61	56261.20	56261.19922	56237.73308	56237.73438	504612.0	5408641.4
T8640.0	504611.9	5408641.4	7413.10010	232.08	23.3	48.830733	-86.937159	56261.95	56250.6	-0.61	56261.34	56261.33984	56237.89732	56237.89844	504611.9	5408641.4
T8640.0	504611.9	5408641.4	7413.20020	232.31	23.3	48.830733	-86.937159	56262.09	56250.6	-0.61	56261.48	56261.48047	56238.06174	56238.06250	504611.9	5408641.4
T8640.0	504611.9	5408641.4	7413.29981	231.73	25.88	48.830733	-86.937159	56262.20	56250.6	-0.61	56261.59	56261.58984	56238.22834	56238.22656	504611.9	5408641.4
T8640.0	504611.8	5408641.4	7413.39990	231.57	25.88	48.830733	-86.937160	56262.36	56250.6	-0.61	56261.75	56261.75000	56238.39181	56238.39063	504611.8	5408641.4
T8640.0	504611.8	5408641.4	7413.50000	233.70	25.83	48.830733	-86.937160	56262.45	56250.6	-0.60	56261.84	56261.83984	56238.56014	56238.55859	504611.8	5408641.4
T8640.0	504611.8	5408641.4	7413.60010	233.22	23.24	48.830733	-86.937160	56262.57	56250.6	-0.60	56261.97	56261.96875	56238.72600	56238.72656	504611.8	5408641.4
T8640.0	504611.8	5408641.4	7413.70020	232.68	21.79	48.830733	-86.937161	56262.57	56250.6	-0.60	56261.97	56261.96875	56238.90074	56238.90234	504611.8	5408641.4
T8640.0	504611.8	5408641.4	7413.79981	233.24	20.92	48.830733	-86.937161	56262.68	56250.6	-0.60	56262.07	56262.07031	56239.06902	56239.07031	504611.8	5408641.4
T8640.0	504611.8	5408641.4	7413.89990	231.08	20.92	48.830733	-86.937161	56262.75	56250.6	-0.60	56262.15	56262.14844	56239.23885	56239.23828	504611.8	5408641.4
T8640.0	504611.7	5408641.4	7414.00000	230.43	20.61	48.830734	-86.937161	56262.93	56250.6	-0.60	56262.33	56262.32813	56239.40223	56239.40234	504611.7	5408641.4
T8640.0	504611.7	5408641.4	7414.10010	228.54	20.61	48.830734	-86.937161	56263.14	56250.6	-0.60	56262.54	56262.53906	56239.56382	56239.56250	504611.7	5408641.4
T8640.0	504611.7	5408641.4	7414.20020	228.80	21.34	48.830734	-86.937161	56263.21	56250.6	-0.60	56262.61	56262.60938	56239.73497	56239.73438	504611.7	5408641.4
T8640.0	504611.7	5408641.5	7414.29981	230.36	22.37	48.830734	-86.937162	56263.39	56250.6	-0.60	56262.78	56262.78125	56239.89966	56239.89844	504611.7	5408641.5
T8640.0	504611.7	5408641.5	7414.39990	231.15	22.37	48.830734	-86.937162	56263.56	56250.6	-0.60	56262.96	56262.96094	56240.06390	56240.06250	504611.7	5408641.5
T8640.0	504611.6	5408641.5	7414.50000	230.07	20.97	48.830734	-86.937163	56263.73	56250.6	-0.60	56263.12	56263.12109	56240.22968	56240.23047	504611.6	5408641.5
T8640.0	504611.6	5408641.5	7414.60010	229.92	20.97	48.830734	-86.937163	56263.87	56250.6	-0.61	56263.26	56263.26172	56240.39700	56240.39844	504611.6	5408641.5
T8640.0	504611.6	5408641.5	7414.70020	230.67	18.66	48.830734	-86.937164	56264.02	56250.6	-0.61	56263.42	56263.42188	56240.56318	56240.56250	504611.6	5408641.5
T8640.0	504611.5	5408641.5	7414.79981	231.91	17.62	48.830734	-86.937165	56264.18	56250.6	-0.61	56263.58	56263.57813	56240.72956	56240.73047	504611.5	5408641.5
T8640.0	504611.3	5408641.5	7414.89990	232.56	17.62	48.830735	-86.937167	56264.40	56250.6	-0.61	56263.79	56263.78906	56240.89279	56240.89453	504611.3	5408641.5
T8640.0	504611.3	5408641.5	7415.00000	232.89	17.43	48.830735	-86.937168	56264.54	56250.6	-0.61	56263.93	56263.92969	56241.06086	56241.06250	504611.3	5408641.5
T8640.0	504611.1	5408641.5	7415.10010	233.82	18.56	48.830735	-86.937170	56264.82	56250.6	-0.61	56264.20	56264.19922	56241.22042	56241.21875	504611.1	5408641.5
T8640.0	504611.0	5408641.5	7415.20020	235.03	18.56	48.830735	-86.937172	56265.07	56250.6	-0.61	56264.46	56264.46094	56241.38080	56241.37891	504611.0	5408641.5
T8640.0	504610.7	5408641.5	7415.29981	233.41	19.86	48.830735	-86.937175	56265.41	56250.6	-0.61	56264.79	56264.78906	56241.53664	56241.53516	504610.7	5408641.5
T8640.0	504610.7	5408641.5	7415.39990	234.59	19.86	48.830735	-86.937175	56265.71	56250.6	-0.61	56265.10	56265.10156	56241.69392	56241.69531	504610.7	5408641.5
T8640.0	504610.5	5408641.5	7415.50000	236.10	21.61	48.830735	-86.937178	56266.02	56250.6	-0.62	56265.40	56265.39844	56241.85196	56241.85156	504610.5	5408641.5
T8640.0	504610.3	5408641.5	7415.60010	234.49	21.61	48.830735	-86.937181	56266.35	56250.6	-0.62	56265.73	56265.73047	56242.00807	56242.00781	504610.3	5408641.5
T8640.0	504610.1	5408641.5	7415.70020	234.07	21.87	48.830735	-86.937184	56266.74	56250.6	-0.62	56266.12	56266.12109	56242.16023	56242.16016	504610.1	5408641.5
T8640.0	504610.1	5408641.5	7415.79981	233.49	21.53	48.830735	-86.937184	56267.11	56250.6	-0.62	56266.49	56266.48828	56242.31374	56242.31250	504610.1	5408641.5
T8640.0	504609.8	5408641.5	7415.89990	234.61	21.54	48.830735	-86.937187	56267.45	56250.6	-0.62	56266.83	56266.82813	56242.46923	56242.46875	504609.8	5408641.5
T8640.0	504609.6	5408641.5	7416.00000	235.67	21.54	48.830735	-86.937190	56267.85	56250.6	-0.62	56267.23	56267.23047	56242.62069	56242.62109	504609.6	5408641.5
T8640.0	504609.4	5408641.5	7416.10010	236.25	21.64	48.830735	-86.937193	56268.26	56250.6	-0.62	56267.64	56267.64063	56242.77140	56242.76953	504609.4	5408641.5
T8640.0	504609.2	5408641.5	7416.20020	235.10	21.21	48.830735	-86.937196	56268.70	56250.6	-0.62	56268.08	56268.07813	56242.91999	56242.92188	504609.2	5408641.5
T8640.0	504608.9	5408641.5	7416.29981	235.02	21.47	48.830735	-86.937199	56269.08	56250.6	-0.62	56268.46	56268.46094	56243.07243	56243.07422	504608.9	5408641.5
T8640.0	504608.9	5408641.5	7416.39990	234.05	22.11	48.830735	-86.937199	56269.52	56250.6	-0.62	56268.90	56268.89844	56243.22067	56243.21875	504608.9	5408641.5
T8640.0	504608.7	5408641.5	7416.50000	233.16	22.11	48.830734	-86.937203	56269.92	56250.6	-0.62	56269.30	56269.30078	56243.37134	56243.37109	504608.7	5408641.5
T8640.0	504608.3	5408641.5	7416.60010	234.15	22.72	48.830734	-86.937208	56270.46	56250.6	-0.62	56269.84	56269.83984	56243.51238	56243.51172	504608.3	5408641.5
T8640.0	504608.1	5408641.5	7416.70020	232.47	22.56	48.830734	-86.937211	56270.84	56250.6	-0.62	56270.22	56270.21875	56243.66375	56243.66406	504608.1	5408641.5
T8640.0	504607.8	5408641.5	7416.79981	233.38	22.56	48.830734	-86.937216	56271.34	56250.6	-0.62	56270.72	56270.71875	56243.80671	56243.80859	504607.8	5408641.5
T8640.0	504607.8	5408641.5	7416.89990	234.60	23.35	48.830734	-86.937216	56271.86	56250.6	-0.62	56271.24	56271.23828	56243.94789	56243.94922	504607.8	5408641.5
T8640.0	504607.4	5408641.5	7417.00000	226.71	23.6	48.830734	-86.937221	56272.40	56250.6	-0.62	56271.78	56271.78125	56244.08721	56244.08594	504607.4	5408641.5
T8640.0	504607.1	5408641.5	7417.10010	226.48	23.6	48.830734	-86.937225	56272.88	56250.6	-0.62	56272.26	56272.26172	56244.22995	56244.23047	504607.1	5408641.5
T8640.0	504606.8	5408641.5	7417.20020	225.98	26.76	48.830734	-86.937228	56273.47	56250.6	-0.62	56272.85	56272.85156	56244.36470	56244.36328	504606.8	5408641.5
T8640.0	504606.4	5408641.5	7417.29981	225.53	24.47	48.830734	-86.937235	56274.01	56250.6	-0.62	56273.39	56273.39063	56244.50206	56244.50391	504606.4	5408641.5
T8640.0	504606.0	5408641.5	7417.39990	231.55	23.87	48.830734	-86.937239	56274.59	56250.6	-0.62	56273.97	56273.96875	56244.63596	56244.63672	504606.0	5408641.5
T8640.0	504605.6	5408641.5	7417.50000	230.14	23.87	48.830734	-86.937245	56275.23	56250.6	-0.62	56274.61	56274.60938	56244.76497	56244.76563	504605.6	5408641.5
T8640.0	504605.2	5408641.5	7417.60010	231.93	23.6	48.830734	-86.937251	56275.82	56250.6	-0.62	56275.20	56275.19922	56244.89635	56244.89453	504605.2	5408641.5
T8640.0	504604.8	5408641.5	7417.70020	231.19	23.2	48.830734	-86.937256	56276.42	56250.6	-0.62	56275.80	56275.80078	56245.02602	56245.02734	504604.8	5408641.5
T8640.0	504604.8	5408641.5	7417.79981	231.47	23.2	48.830734	-86.937256	56277.09	56250.6	-0.62	56276.47	56276.46875	56245.14987	56245.14844	504604.8	5408641.5
T8640.0	504604.3	5408641.5	7417.89990	230.65	23.28	48.830734	-86.937262	56277.69	56250.6	-0.62	56277.07	56277.07031	56245.27715	56245.27734	504604.3	5408641.5
T8640.0	504603.7	5408641.5	7418.00000	231.95	23.96	48.830734	-86.937270	56278.34	56250.6	-0.62	56277.72	56277.71875	56245.39975	56245.39844	504603.7	5408641.5
T8640.0	504603.3	5408641.5	7418.10010	231.02	24.57	48.830734	-86.937276	56279.01	56250.6	-0.62	56278.39	56278.39063	56245.51958	56245.51953	504603.3	5408641.5
T8640.0	504603.3	5408641.5	7418.20020	232.21	24.57	48.830734	-86.937276	56279.71	56250.6	-0.62	56279.10	56279.10156	56245.63519	56245.63672	504603.3	5408641.5
T8640.0	504602.4	5408641.4	7418.29981	232.73	25.76	48.830734	-86.937288	56280.34	56250.6	-0.62	56279.73	56279.73047	56245.75447	56245.75391	504602.4	5408641.4
T8640.0	504602.4	5408641.4	7418.39990	233.28	26.01	48.830734	-86.937288	56281.02	56250.6	-0.62	56280.40	56280.39844	56245.86929	56245.87109	504602.4	5408641.4
T8640.0	504601.9	5408641.4	7418.50000	233.38	25.66	48.830734	-86.937296	56281.76	56250.6	-0.62	56281.14	56281.14063	56245.97754	56245.97656	504601.9	5408641.4
T8640.0	504601.3	5408641.4	7418.60010	233.99	26.2	48.830734	-86.937303	56282.40	56250.6	-0.61	56281.79	56281.78906	56246.08976	56246.08984	504601.3	5408641.4
T8640.0	504600.9	5408641.4	7418.70020	233.09	26.86	48.830734	-86.937309	56283.14	56250.6	-0.61	56282.53	56282.53125	56246.19381	56246.19531	504600.9	5408641.4
T8640.0	504600.5	5408641.4	7418.79981	232.36	26.86	48.830734	-86.937315	56283.94	56250.6	-0.61	56283.33	56283.32813	56246.29156	56246.29297	504600.5	5408641.4
T8640.0	504600.0	5408641.4	7418.89990	233.44	28.12	48.830734	-86.937322	56284.67	56250.6	-0.61	56284.06	56284.05859	56246.39154	56246.39063	504600.0	5408641.4
T8640.0	504599.4	5408641.4	7419.00000	234.04	27.49	48.830734	-86.937330	56285.41	56250.6	-0.61	56284.80	56284.80078	56246.48825	56246.48828	504599.4	5408641.4
T8640.0	504598.9	5408641.4	7419.10010	233.58	26.74	48.830734	-86.937337	56286.20	56250.6	-0.61	56285.59	56285.58984	56246.57889	56246.57813	504598.9	5408641.4
T8640.0	504598.1	5408641.4	7419.20020	232.59	26.74	48.830734	-86.937346	56286.94	56250.6	-0.62	56286.32	56286.32031	56246.67063	56246.67188	504598.1	5408641.4

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
T8640.0	504597.6	5408641.4	7419.29981	231.14	27.35	48.830734	-86.937354	56287.76	56250.6	-0.62	56287.14	56287.14063	56246.75331	56246.75391	504597.6	5408641.4
T8640.0	504597.6	5408641.4	7419.39990	232.04	27.54	48.830734	-86.937354	56288.48	56250.6	-0.62	56287.85	56287.85156	56246.84009	56246.83984	504597.6	5408641.4
T8640.0	504596.5	5408641.4	7419.50000	233.12	27.54	48.830733	-86.937369	56289.37	56250.6	-0.63	56288.74	56288.73828	56246.91147	56246.91016	504596.5	5408641.4
T8640.0	504596.5	5408641.4	7419.60010	233.75	27.94	48.830733	-86.937369	56290.14	56250.6	-0.63	56289.51	56289.51172	56246.98727	56246.98828	504596.5	5408641.4
T8640.0	504595.8	5408641.4	7419.70020	233.87	27.97	48.830733	-86.937378	56291.03	56250.6	-0.63	56290.40	56290.39844	56247.05132	56247.05078	504595.8	5408641.4
T8640.0	504595.2	5408641.4	7419.79981	234.06	27.97	48.830733	-86.937386	56291.82	56250.6	-0.63	56291.19	56291.19141	56247.11808	56247.11719	504595.2	5408641.4
T8640.0	504594.5	5408641.4	7419.89990	234.11	20.91	48.830733	-86.937396	56292.66	56250.6	-0.64	56292.02	56292.01953	56247.17803	56247.17969	504594.5	5408641.4
T8640.0	504593.7	5408641.3	7420.00000	234.67	18.53	48.830733	-86.937408	56293.61	56250.6	-0.64	56292.97	56292.96875	56247.22564	56247.22656	504593.7	5408641.3
T8640.0	504593.7	5408641.3	7420.10010	232.98	20.02	48.830733	-86.937408	56294.45	56250.6	-0.64	56293.80	56293.80078	56247.27670	56247.27734	504593.7	5408641.3
T8640.0	504592.9	5408641.3	7420.20020	232.48	20.02	48.830733	-86.937418	56295.36	56250.6	-0.64	56294.72	56294.71875	56247.31701	56247.31641	504592.9	5408641.3
T8640.0	504592.2	5408641.3	7420.29981	232.31	21.85	48.830733	-86.937428	56296.24	56250.6	-0.65	56295.59	56295.58984	56247.35569	56247.35547	504592.2	5408641.3
T8640.0	504592.2	5408641.3	7420.39990	233.27	24.61	48.830733	-86.937428	56297.23	56250.6	-0.65	56296.58	56296.57813	56247.38118	56247.38281	504592.2	5408641.3
T8640.0	504590.6	5408641.3	7420.50000	234.12	24.61	48.830732	-86.937449	56298.12	56250.7	-0.65	56297.47	56297.46875	56247.40793	56247.40625	504590.6	5408641.3
T8640.0	504589.9	5408641.3	7420.60010	234.01	29.2	48.830732	-86.937459	56299.15	56250.7	-0.65	56298.50	56298.50000	56247.41971	56247.41797	504589.9	5408641.3
T8640.0	504589.9	5408641.3	7420.70020	233.82	28.61	48.830732	-86.937459	56300.19	56250.7	-0.65	56299.53	56299.53125	56247.42562	56247.42578	504589.9	5408641.3
T8640.0	504589.0	5408641.3	7420.79981	234.26	17.71	48.830732	-86.937472	56301.21	56250.7	-0.66	56300.55	56300.55078	56247.42609	56247.42578	504589.0	5408641.3
T8640.0	504588.1	5408641.2	7420.89990	233.51	17.71	48.830732	-86.937483	56302.31	56250.7	-0.66	56301.65	56301.64844	56247.41488	56247.41406	504588.1	5408641.2
T8640.0	504588.1	5408641.2	7421.00000	227.28	19.27	48.830732	-86.937483	56303.48	56250.7	-0.66	56302.82	56302.82031	56247.39241	56247.39063	504588.1	5408641.2
T8640.0	504586.4	5408641.2	7421.10010	226.02	19.27	48.830732	-86.937507	56304.58	56250.7	-0.66	56303.92	56303.92188	56247.36776	56247.36719	504586.4	5408641.2
T8640.0	504586.4	5408641.2	7421.20020	232.93	26.13	48.830732	-86.937507	56305.78	56250.7	-0.66	56305.12	56305.12109	56247.32936	56247.32813	504586.4	5408641.2
T8640.0	504585.4	5408641.2	7421.29981	234.02	26.13	48.830732	-86.937521	56307.03	56250.7	-0.66	56306.37	56306.37109	56247.28027	56247.28125	504585.4	5408641.2
T8640.0	504584.5	5408641.2	7421.39990	234.55	26.73	48.830732	-86.937533	56308.46	56250.7	-0.66	56307.80	56307.80078	56247.21158	56247.21094	504584.5	5408641.2
T8640.0	504583.6	5408641.2	7421.50000	234.51	26.73	48.830732	-86.937545	56309.76	56250.7	-0.66	56309.10	56309.10156	56247.14368	56247.14453	504583.6	5408641.2
T8640.0	504583.6	5408641.2	7421.60010	235.08	28.52	48.830732	-86.937545	56311.16	56250.7	-0.66	56310.50	56310.50000	56247.06100	56247.06250	504583.6	5408641.2
T8640.0	504582.6	5408641.2	7421.70020	236.57	28.52	48.830732	-86.937558	56312.75	56250.7	-0.66	56312.09	56312.08984	56246.95725	56246.95703	504582.6	5408641.2
T8640.0	504581.9	5408641.2	7421.79981	236.63	28.55	48.830732	-86.937568	56314.33	56250.7	-0.66	56313.67	56313.67188	56246.84552	56246.84375	504581.9	5408641.2
T8640.0	504580.8	5408641.2	7421.89990	234.85	27.6	48.830732	-86.937582	56315.98	56250.7	-0.66	56315.32	56315.32031	56246.72020	56246.71875	504580.8	5408641.2
T8640.0	504580.8	5408641.2	7422.00000	233.35	27.6	48.830732	-86.937582	56317.78	56250.7	-0.66	56317.12	56317.12109	56246.57569	56246.57422	504580.8	5408641.2
T8640.0	504579.9	5408641.2	7422.10010	231.13	26.76	48.830732	-86.937595	56319.58	56250.7	-0.66	56318.92	56318.92188	56246.42173	56246.42188	504579.9	5408641.2
T8640.0	504578.9	5408641.2	7422.20020	230.72	25.33	48.830732	-86.937609	56321.50	56250.7	-0.65	56320.85	56320.85156	56246.24940	56246.25000	504578.9	5408641.2
T8640.0	504578.0	5408641.2	7422.29981	230.03	25.74	48.830732	-86.937621	56323.52	56250.7	-0.65	56322.87	56322.87109	56246.06109	56246.06250	504578.0	5408641.2
T8640.0	504577.0	5408641.2	7422.39990	230.79	28.49	48.830732	-86.937634	56325.58	56250.6	-0.65	56324.93	56324.92969	56245.85987	56245.85938	504577.0	5408641.2
T8640.0	504576.1	5408641.2	7422.50000	231.37	28.49	48.830731	-86.937647	56327.81	56250.6	-0.65	56327.16	56327.16016	56245.63683	56245.63672	504576.1	5408641.2
T8640.0	504576.1	5408641.2	7422.60010	231.63	28.33	48.830731	-86.937647	56330.07	56250.6	-0.64	56329.43	56329.42969	56245.40038	56245.39844	504576.1	5408641.2
T8640.0	504575.1	5408641.2	7422.70020	232.39	29.53	48.830731	-86.937660	56332.45	56250.6	-0.64	56331.81	56331.80859	56245.14561	56245.14453	504575.1	5408641.2
T8640.0	504574.0	5408641.1	7422.79981	232.97	29.53	48.830731	-86.937676	56334.92	56250.6	-0.64	56334.29	56334.28906	56244.87293	56244.87109	504574.0	5408641.1
T8640.0	504574.0	5408641.1	7422.89990	232.67	24.58	48.830731	-86.937676	56337.48	56250.6	-0.63	56336.84	56336.83984	56244.58411	56244.58594	504574.0	5408641.1
T8640.0	504571.9	5408641.1	7423.00000	235.43	27.83	48.830731	-86.937704	56340.08	56250.6	-0.63	56339.45	56339.44922	56244.27958	56244.28125	504571.9	5408641.1
T8640.0	504571.9	5408641.1	7423.10010	232.87	19.64	48.830731	-86.937704	56342.68	56250.6	-0.63	56342.05	56342.05078	56243.96380	56243.96484	504571.9	5408641.1
T8640.0	504570.7	5408641.1	7423.20020	231.79	19.64	48.830731	-86.937720	56345.44	56250.6	-0.64	56344.80	56344.80078	56243.62586	56243.62500	504570.7	5408641.1
T8640.0	504569.7	5408641.1	7423.29981	232.23	24.59	48.830731	-86.937734	56348.20	56250.6	-0.64	56347.56	56347.55859	56243.27491	56243.27344	504569.7	5408641.1
T8640.0	504569.0	5408641.1	7423.39990	232.80	23.94	48.830731	-86.937744	56350.98	56250.6	-0.64	56350.33	56350.32813	56242.91073	56242.91016	504569.0	5408641.1
T8640.0	504567.9	5408641.2	7423.50000	234.03	23.94	48.830731	-86.937758	56353.76	56250.6	-0.65	56353.11	56353.10938	56242.53315	56242.53125	504567.9	5408641.2
T8640.0	504566.9	5408641.2	7423.60010	233.10	22.37	48.830731	-86.937772	56356.48	56250.6	-0.65	56355.83	56355.82813	56242.14665	56242.14844	504566.9	5408641.2
T8640.0	504566.9	5408641.2	7423.70020	223.69	19.75	48.830731	-86.937772	56359.14	56250.7	-0.65	56358.49	56358.48828	56241.75107	56241.75000	504566.9	5408641.2
T8640.0	504565.9	5408641.2	7423.79981	224.95	19.75	48.830732	-86.937786	56361.72	56250.7	-0.65	56361.07	56361.07031	56241.34758	56241.34766	504565.9	5408641.2
T8640.0	504564.5	5408641.2	7423.89990	224.47	21.43	48.830732	-86.937805	56364.17	56250.7	-0.66	56363.51	56363.51172	56240.94005	56240.94141	504564.5	5408641.2
T8640.0	504564.5	5408641.2	7424.00000	224.57	23.25	48.830732	-86.937805	56366.52	56250.7	-0.66	56365.86	56365.85938	56240.52502	56240.52344	504564.5	5408641.2
T8640.0	504563.3	5408641.2	7424.10010	225.07	24.17	48.830732	-86.937822	56368.66	56250.7	-0.66	56368.00	56368.00000	56240.11036	56240.10938	504563.3	5408641.2
T8640.0	504562.5	5408641.2	7424.20020	224.46	24.79	48.830732	-86.937832	56370.61	56250.7	-0.66	56369.95	56369.94922	56239.69465	56239.69531	504562.5	5408641.2
T8640.0	504561.5	5408641.2	7424.29981	225.02	24.79	48.830732	-86.937846	56372.39	56250.7	-0.66	56371.73	56371.73047	56239.27648	56239.27734	504561.5	5408641.2
T8640.0	504560.4	5408641.2	7424.39990	225.37	27.22	48.830732	-86.937860	56373.87	56250.7	-0.66	56373.21	56373.21094	56238.86444	56238.86328	504560.4	5408641.2
T8640.0	504559.4	5408641.2	7424.50000	226.16	14.19	48.830732	-86.937874	56375.09	56250.7	-0.65	56374.44	56374.44141	56238.45514	56238.45703	504559.4	5408641.2
T8640.0	504559.4	5408641.2	7424.60010	226.08	17.86	48.830732	-86.937874	56376.06	56250.7	-0.65	56375.41	56375.41016	56238.04922	56238.05078	504559.4	5408641.2
T8640.0	504558.2	5408641.2	7424.70020	226.61	17.86	48.830732	-86.937891	56376.75	56250.7	-0.65	56376.10	56376.10156	56237.64800	56237.64844	504558.2	5408641.2
T8640.0	504557.1	5408641.2	7424.79981	225.91	21.3	48.830732	-86.937906	56377.04	56250.7	-0.65	56376.38	56376.37891	56237.26013	56237.26172	504557.1	5408641.2
T8640.0	504556.2	5408641.2	7424.89990	226.82	24.56	48.830732	-86.937918	56377.08	56250.7	-0.65	56376.43	56376.42969	56236.87363	56236.87500	504556.2	5408641.2
T8640.0	504555.1	5408641.2	7425.00000	227.73	23.23	48.830732	-86.937933	56376.82	56250.7	-0.65	56376.17	56376.17188	56236.49388	56236.49219	504555.1	5408641.2
T8640.0	504554.0	5408641.2	7425.10010	226.77	23.23	48.830732	-86.937948	56376.12	56250.7	-0.65	56375.47	56375.46875	56236.12959	56236.12891	504554.0	5408641.2
T8640.0	504554.0	5408641.2	7425.20020	226.98	21.46	48.830732	-86.937948	56374.99	56250.7	-0.65	56374.34	56374.33984	56235.78016	56235.78125	504554.0	5408641.2
T8640.0	504552.7	5408641.2	7425.29981	226.61	21.46	48.830732	-86.937965	56373.59	56250.7	-0.65	56372.94	56372.94141	56235.43501	56235.43359	504552.7	5408641.2
T8640.0	504551.8	5408641.2	7425.39990	224.46	21.24	48.830732	-86.937978	56371.68	56250.7	-0.65	56371.03	56371.03125	56235.11024	56235.10938	504551.8	5408641.2
T8640.0	504550.7	5408641.2	7425.50000	224.57	21.24	48.830732	-86.937993	56369.56	56250.7	-0.65	56368.90	56368.89844	56234.78665	56234.78516	504550.7	5408641.2
T8640.0	504550.0	5408641.2	7425.60010	222.97	22.24	48.830732	-86.938003	56367.00	56250.7	-0.65	56366.35	56366.35156	56234.47771	56234.47656	504550.0	5408641.2
T8640.0	504549.0	5408641.2	7425.70020	224.48	22.18	48.830732	-86.938016	56364.29	56250.7	-0.65	56363.64	56363.64063	56234.16623	56234.16797	504549.0	5408641.2
T8640.0	504547.7	5408641.2	7425.79981	225.56	22.18	48.830732	-86.938034	56361.13	56250.7	-0.65	56360.48	56360.48047	56233.87173	56233.87109	504547.7	5408641.2
T8640.0	504546.6	5408641.2	7425.89990	225.44	22.68	48.830732	-86.938049	56357.87	56250.7	-0.65	56357.22	56357.21875	56233.57107	56233.57031	504546.6	5408641.2
T8640.0	504546.6	5408641.2	7426.00000	225.11	24.2	48.830732	-86.938049	56354.37	56250.7	-0.65	56353.72	56353.71875	56233.27377	56233.27344	504546.6	5408641.2
T8640.0	504545.5	5408641.2	7426.10010	225.70	24.2	48.830732	-86.938064	56350.64	56250.7	-0.65	56349.99	56349.98828	56232.97940	56232.98047	504545.5	5408641.2
T8640.0	504544.5	5408641.2	7426.20020	225.85	22.63	48.830732	-86.938077	56346.64	56250.7	-0.65	56345.99	56345.98828	56232.69085	56232.69141	504544.5	5408641.2
T8640.0	504543.4	5408641.3	7426.29981	227.54	22.73	48.830733	-86.938092	56342.68	56250.7	-0.65	56342.03	56342.03125	56232.38771	56232.38672	504543.4	5408641.3
T8640.0	504542.4	5408641.3	7426.39990	226.52	25.28	48.830733	-86.938106	56338.52	56250.7	-0.65	56337.87	56337.87109	56232.08625	56232.08594	504542.4	5408641.3
T8640.0	504541.5	5408641.3	7426.50000	233.62	25.28	48.830733	-86.938119	56334.26	56250.7	-0.65	56333.61	56333.60938	56231.78007	56231.78125	504541.5	5408641.3
T8640.0	504540.4	5408641.3	7426.60010	234.87	23.64	48.830733	-86.938133	56329.99	56250.7	-0.65	56329.34	56329.33984	56231.46346	56231.46484	504540.4	5408641.3
T8640.0	504540.4	5408641.3	7426.70020	226.30	23.64	48.830733	-86.938133	56325.56	56250.7	-0.65	56324.91	56324.91016	56231.14673	56231.14844	504540.4	5408641.3
T8640.0	504539.0	5408641.3	7426.79981	226.07	26.31	48.830733	-86.938152	56320.98	56250.7	-0.65	56320.33	56320.32813	56230.82952	56230.82813	504539.0	5408641.3
T8640.0	504538.1	5408641.3	7426.89990	227.85	26.69	48.830733	-86.938165	56316.47	56250.7	-0.65	56315.82	56315.82031	56230.49748	56230.49609	504538.1	5408641.3
T8640.0	504536.9	5408641.3	7427.00000	225.20	26.69	48.830734	-86.938181	56311.93	56250.7	-0.65	56311.28	56311.28125	56230.15761	56230.15625	504536.9	5408641.3
T8640.0	504535.8	5408641.4	7427.10010	225.16	24.8	48.830734	-86.938196	56307.39	56250.7	-0.65	56306.74	56306.73828	56229.80826	56229.80859	504535.8	5408641.4
T8640.0	504535.8	5408641.4	7427.20020	224.82	26.38	48.830734	-86.938196	56302.79	56250.7	-0.65	56302.14	56302.14063	56229.45376	56229.45313	504535.8	5408641.4
T8640.0	504534.2	5408641.4	7427.29981	224.92	26.38	48.830734	-86.938218	56298.42	56250.7	-0.65	56297.77	56297.76953	56229.07515	56229.07422	504534.2	5408641.4
T8640.0	504532.8	5408641.4	7427.39990	222.58	27.75	48.830734	-86.938237	56294.06	56250.7	-0.65	56293.41	56293.41016	56228.68745	56228.68750	504532.8	5408641.4
T8640.0	504532.8	5408641.4	7427.50000	223.63	26.7	48.830734	-86.938237	56289.75	56250.7	-0.65	56289.09	56289.08984	56228.28902	56228.28906	504532.8	5408641.4
T8640.0	504531.4	5408641.4	7427.60010	224.58	26.7	48.830734	-86.938255	56285.44	56250.7	-0.66	56284.78	56284.78125	56227.88223	56227.88281	504531.4	5408641.4
T8640.0	504530.0	5408641.4	7427.70020	226.61	22.43	48.830734	-86.938274	56281.34	56250.7	-0.66	56280.68	56280.67969	56227.45413	56227.45313	504530.0	5408641.4
T8640.0	504530.0	5408641.4	7427.79981	225.24	27.43	48.830734	-86.938274	56277.27	56250.7	-0.66	56276.61	56276.60938	56227.01709	56227.01563	504530.0	5408641.4
T8640.0	504528.7	5408641.4	7427.89990	224.89	27.43	48.830734	-86.938293	56273.31	56250.7	-0.66	56272.65	56272.64844	56226.56615	56226.56641	504528.7	5408641.4
T8640.0	504527.5	5408641.4	7428.00000	224.49	28.98	48.830734	-86.938310	56269.46	56250.7	-0.66	56268.80	56268.80078	56226.10169	56226.10156	504527.5	5408641.4
T8640.0	504526.1	5408641.4	7428.10010	225.80	28.98	48.830734	-86.938328	56265.61	56250.7	-0.66	56264.96	56264.96094	56225.63077	56225.62891	504526.1	5408641.4
T8640.0	504525.0	5408641.3	7428.20020	225.82	25.08	48.830734	-86.938343	56261.93	56250.7	-0.65	56261.27	56261.26953	56225.14441	56225.14453	504525.0	5408641.3
T8640.0	504524.0	5408641.3	7428.29981	226.89	25.08	48.830733	-86.938357	56258.32	56250.7	-0.65	56257.67	56257.67188	56224.64701	56224.64844	504524.0	5408641.3
T8640.0	504523.0	5408641.3	7428.39990	226.08	27.89	48.830733	-86.938370	56254.76	56250.6	-0.65	56254.11	56254.10938	56224.14226	56224.14063	504523.0	5408641.3
T8640.0	504523.0	5408641.3	7428.50000	225.90	27.35	48.830733	-86.938370	56251.42	56250.6	-0.65	56250.77	56250.76953	56223.61855	56223.61719	504523.0	5408641.3

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
T8640.0	504521.4	5408641.3	7428.60010	224.95	27.35	48.830733	-86.938392	56248.17	56250.6	-0.64	56247.53	56247.53125	56223.08424	56223.08594	504521.4	5408641.3
T8640.0	504521.4	5408641.3	7428.70020	224.48	25.59	48.830733	-86.938392	56244.89	56250.6	-0.64	56244.25	56244.25000	56222.54902	56222.55078	504521.4	5408641.3
T8640.0	504520.1	5408641.3	7428.79981	225.76	25.59	48.830733	-86.938409	56241.83	56250.6	-0.64	56241.19	56241.19141	56221.99593	56221.99609	504520.1	5408641.3
T8640.0	504518.8	5408641.3	7428.89990	226.46	28.42	48.830733	-86.938428	56238.91	56250.6	-0.63	56238.27	56238.26953	56221.43065	56221.42969	504518.8	5408641.3
T8640.0	504517.7	5408641.3	7429.00000	225.19	31.23	48.830733	-86.938443	56236.04	56250.6	-0.63	56235.41	56235.41016	56220.85887	56220.85938	504517.7	5408641.3
T8640.0	504516.9	5408641.3	7429.10010	226.10	28.11	48.830733	-86.938454	56233.28	56250.6	-0.63	56232.64	56232.64063	56220.27893	56220.27734	504516.9	5408641.3
T8640.0	504515.8	5408641.3	7429.20020	226.61	28.11	48.830733	-86.938468	56230.64	56250.6	-0.64	56230.01	56230.01172	56219.68783	56219.68750	504515.8	5408641.3
T8640.0	504514.2	5408641.3	7429.29981	227.35	26.31	48.830734	-86.938490	56228.12	56250.6	-0.64	56227.48	56227.48047	56219.08858	56219.08984	504514.2	5408641.3
T8640.0	504514.2	5408641.3	7429.39990	228.21	27.48	48.830734	-86.938490	56225.57	56250.6	-0.64	56224.92	56224.92188	56218.49015	56218.48828	504514.2	5408641.3
T8640.0	504513.0	5408641.3	7429.50000	228.13	23.29	48.830734	-86.938506	56223.27	56250.6	-0.65	56222.62	56222.62109	56217.87354	56217.87500	504513.0	5408641.3
T8640.0	504511.8	5408641.4	7429.60010	228.33	24.52	48.830734	-86.938523	56221.02	56250.6	-0.65	56220.37	56220.37109	56217.25305	56217.25391	504511.8	5408641.4
T8640.0	504510.4	5408641.4	7429.70020	226.74	24.52	48.830734	-86.938543	56218.89	56250.7	-0.65	56218.24	56218.23828	56216.62430	56216.62500	504510.4	5408641.4
T8640.0	504509.3	5408641.4	7429.79981	227.03	31.66	48.830734	-86.938557	56216.74	56250.7	-0.65	56216.08	56216.07813	56215.99760	56215.99609	504509.3	5408641.4
T8640.0	504508.2	5408641.4	7429.89990	227.70	31.66	48.830734	-86.938572	56214.77	56250.7	-0.66	56214.11	56214.10938	56215.35856	56215.35938	504508.2	5408641.4
T8640.0	504508.2	5408641.4	7430.00000	227.19	32.11	48.830734	-86.938572	56212.88	56250.7	-0.66	56212.22	56212.21875	56214.71478	56214.71484	504508.2	5408641.4
T8640.0	504506.8	5408641.4	7430.10010	227.56	32.09	48.830734	-86.938592	56211.02	56250.7	-0.66	56210.36	56210.35938	56214.06986	56214.07031	504506.8	5408641.4
T8640.0	504505.8	5408641.4	7430.20020	228.06	28.59	48.830735	-86.938605	56209.23	56250.7	-0.66	56208.57	56208.57031	56213.42139	56213.42188	504505.8	5408641.4
T8640.0	504504.6	5408641.5	7430.29981	227.24	28.59	48.830735	-86.938621	56207.58	56250.7	-0.66	56206.92	56206.92188	56212.76494	56212.76563	504504.6	5408641.5
T8640.0	504503.3	5408641.5	7430.39990	227.61	32.43	48.830735	-86.938639	56205.96	56250.7	-0.66	56205.31	56205.30859	56212.10743	56212.10938	504503.3	5408641.5
T8640.0	504503.3	5408641.5	7430.50000	225.33	25.33	48.830735	-86.938639	56204.39	56250.7	-0.66	56203.74	56203.73828	56211.44907	56211.44922	504503.3	5408641.5
T8640.0	504501.1	5408641.5	7430.60010	225.43	25.33	48.830735	-86.938669	56202.90	56250.7	-0.65	56202.25	56202.25000	56210.78743	56210.78906	504501.1	5408641.5
T8640.0	504500.0	5408641.5	7430.70020	225.59	24.85	48.830735	-86.938684	56201.42	56250.7	-0.65	56200.76	56200.76172	56210.12803	56210.12891	504500.0	5408641.5
T8640.0	504500.0	5408641.5	7430.79981	226.10	27.06	48.830735	-86.938684	56200.07	56250.7	-0.65	56199.42	56199.42188	56209.46109	56209.46094	504500.0	5408641.5
T8640.0	504498.4	5408641.5	7430.89990	225.84	24.04	48.830735	-86.938706	56198.70	56250.7	-0.65	56198.05	56198.05078	56208.79879	56208.79688	504498.4	5408641.5
T8640.0	504498.4	5408641.5	7431.00000	223.60	24.04	48.830735	-86.938706	56197.39	56250.7	-0.65	56196.74	56196.73828	56208.13532	56208.13672	504498.4	5408641.5
T8640.0	504497.2	5408641.5	7431.10010	223.75	25.49	48.830735	-86.938722	56196.14	56250.7	-0.65	56195.49	56195.48828	56207.47084	56207.47266	504497.2	5408641.5
T8640.0	504495.9	5408641.5	7431.20020	223.90	34.06	48.830735	-86.938740	56194.93	56250.7	-0.65	56194.28	56194.28125	56206.80686	56206.80859	504495.9	5408641.5
T8640.0	504494.5	5408641.5	7431.29981	222.47	34.06	48.830736	-86.938759	56193.71	56250.7	-0.65	56193.06	56193.05859	56206.14686	56206.14844	504494.5	5408641.5
T8640.0	504493.5	5408641.6	7431.39990	221.69	28.06	48.830736	-86.938772	56192.61	56250.7	-0.65	56191.96	56191.96094	56205.48233	56205.48047	504493.5	5408641.6
T8640.0	504492.2	5408641.6	7431.50000	222.25	29.58	48.830736	-86.938790	56191.45	56250.7	-0.65	56190.79	56190.78906	56204.82607	56204.82422	504492.2	5408641.6
T8640.0	504491.0	5408641.6	7431.60010	222.67	28.49	48.830736	-86.938807	56190.42	56250.7	-0.65	56189.77	56189.76953	56204.16355	56204.16406	504491.0	5408641.6
T8640.0	504489.7	5408641.6	7431.70020	223.00	28.49	48.830736	-86.938824	56189.34	56250.7	-0.65	56188.69	56188.69141	56203.50888	56203.50781	504489.7	5408641.6
T8640.0	504489.7	5408641.6	7431.79981	222.16	28.54	48.830736	-86.938824	56188.35	56250.7	-0.65	56187.70	56187.69922	56202.85219	56202.85156	504489.7	5408641.6
T8640.0	504488.4	5408641.6	7431.89990	222.20	28.89	48.830736	-86.938842	56187.34	56250.7	-0.65	56186.69	56186.69141	56202.20092	56202.19922	504488.4	5408641.6
T8640.0	504486.1	5408641.6	7432.00000	223.72	28.89	48.830736	-86.938873	56186.39	56250.7	-0.65	56185.74	56185.73828	56201.54983	56201.55078	504486.1	5408641.6
T8640.0	504486.1	5408641.6	7432.10010	222.49	29.98	48.830736	-86.938873	56185.38	56250.7	-0.65	56184.72	56184.71875	56200.90768	56200.90625	504486.1	5408641.6
T8640.0	504484.6	5408641.6	7432.20020	223.22	29.98	48.830736	-86.938894	56184.46	56250.7	-0.66	56183.80	56183.80078	56200.26323	56200.26172	504484.6	5408641.6
T8640.0	504483.2	5408641.6	7432.29981	224.37	28.88	48.830736	-86.938913	56183.56	56250.7	-0.66	56182.90	56182.89844	56199.62189	56199.62109	504483.2	5408641.6
T8640.0	504482.0	5408641.6	7432.39990	225.76	32.1	48.830736	-86.938930	56182.67	56250.7	-0.66	56182.01	56182.01172	56198.98441	56198.98438	504482.0	5408641.6
T8640.0	504482.0	5408641.6	7432.50000	225.66	32.1	48.830736	-86.938930	56181.77	56250.7	-0.67	56181.10	56181.10156	56198.35284	56198.35156	504482.0	5408641.6
T8640.0	504480.6	5408641.6	7432.60010	224.93	32.02	48.830736	-86.938948	56180.92	56250.7	-0.67	56180.25	56180.25000	56197.72192	56197.72266	504480.6	5408641.6
T8640.0	504479.1	5408641.6	7432.70020	224.84	32.02	48.830737	-86.938968	56180.04	56250.7	-0.67	56179.37	56179.37109	56197.09771	56197.09766	504479.1	5408641.6
T8640.0	504477.7	5408641.6	7432.79981	223.66	34.77	48.830737	-86.938988	56179.21	56250.7	-0.67	56178.54	56178.53906	56196.47491	56196.47656	504477.7	5408641.6
T8640.0	504476.7	5408641.6	7432.89990	222.44	34.77	48.830737	-86.939001	56178.46	56250.7	-0.68	56177.78	56177.78125	56195.85225	56195.85156	504476.7	5408641.6
T8640.0	504476.7	5408641.6	7433.00000	221.02	27.5	48.830737	-86.939001	56177.59	56250.7	-0.68	56176.91	56176.91016	56195.24177	56195.24219	504476.7	5408641.6
T8640.0	504475.6	5408641.6	7433.10010	221.23	33.8	48.830737	-86.939017	56176.85	56250.7	-0.68	56176.17	56176.17188	56194.62749	56194.62891	504475.6	5408641.6
T8640.0	504474.3	5408641.6	7433.20020	221.38	33.8	48.830737	-86.939035	56176.02	56250.7	-0.67	56175.35	56175.35156	56194.02345	56194.02344	504474.3	5408641.6
T8640.0	504473.1	5408641.7	7433.29981	222.26	31.35	48.830737	-86.939051	56175.33	56250.7	-0.67	56174.66	56174.66016	56193.41568	56193.41406	504473.1	5408641.7
T8640.0	504473.1	5408641.7	7433.39990	222.30	30.98	48.830737	-86.939051	56174.60	56250.7	-0.67	56173.93	56173.92969	56192.81552	56192.81641	504473.1	5408641.7
T8640.0	504471.2	5408641.7	7433.50000	222.60	30.98	48.830737	-86.939077	56173.89	56250.7	-0.67	56173.23	56173.23047	56192.21834	56192.21875	504471.2	5408641.7
T8640.0	504470.3	5408641.7	7433.60010	223.59	30.31	48.830737	-86.939089	56173.14	56250.7	-0.66	56172.48	56172.48047	56191.62948	56191.62891	504470.3	5408641.7
T8640.0	504469.0	5408641.7	7433.70020	224.43	28.83	48.830737	-86.939106	56172.46	56250.7	-0.66	56171.81	56171.80859	56191.04028	56191.03906	504469.0	5408641.7
T8640.0	504467.7	5408641.7	7433.79981	225.17	28.83	48.830737	-86.939124	56171.79	56250.7	-0.66	56171.14	56171.14063	56190.45608	56190.45703	504467.7	5408641.7
T8640.0	504466.3	5408641.7	7433.89990	227.10	32.65	48.830737	-86.939143	56171.08	56250.7	-0.65	56170.43	56170.42969	56189.87956	56189.87891	504466.3	5408641.7
T8640.0	504466.3	5408641.7	7434.00000	227.81	32.18	48.830737	-86.939143	56170.46	56250.7	-0.65	56169.81	56169.80859	56189.30204	56189.30078	504466.3	5408641.7
T8640.0	504464.8	5408641.7	7434.10010	228.75	32.18	48.830737	-86.939163	56169.71	56250.7	-0.65	56169.06	56169.05859	56188.73819	56188.73828	504464.8	5408641.7
T8640.0	504463.7	5408641.7	7434.20020	227.56	30.88	48.830737	-86.939178	56169.14	56250.7	-0.65	56168.49	56168.48828	56188.16734	56188.16797	504463.7	5408641.7
T8640.0	504462.1	5408641.7	7434.29981	226.85	30.88	48.830737	-86.939200	56168.48	56250.7	-0.65	56167.83	56167.82813	56187.60748	56187.60938	504462.1	5408641.7
T8640.0	504460.8	5408641.7	7434.39990	226.88	31.06	48.830737	-86.939218	56167.86	56250.7	-0.65	56167.21	56167.21094	56187.04994	56187.05078	504460.8	5408641.7
T8640.0	504460.8	5408641.7	7434.50000	225.19	33.72	48.830737	-86.939218	56167.21	56250.7	-0.65	56166.56	56166.55859	56186.49936	56186.50000	504460.8	5408641.7
T8640.0	504459.2	5408641.7	7434.60010	225.59	33.72	48.830737	-86.939239	56166.66	56250.7	-0.65	56166.01	56166.01172	56185.94706	56185.94531	504459.2	5408641.7
T8640.0	504459.2	5408641.7	7434.70020	226.26	32.77	48.830737	-86.939239	56166.03	56250.7	-0.65	56165.38	56165.37891	56185.40503	56185.40625	504459.2	5408641.7
T8640.0	504457.3	5408641.7	7434.79981	225.82	32.77	48.830737	-86.939265	56165.46	56250.7	-0.65	56164.81	56164.80859	56184.86392	56184.86328	504457.3	5408641.7
T8640.0	504456.3	5408641.7	7434.89990	225.70	38.12	48.830737	-86.939279	56164.86	56250.7	-0.65	56164.21	56164.21094	56184.32970	56184.32813	504456.3	5408641.7
T8640.0	504455.0	5408641.7	7435.00000	225.73	37.49	48.830737	-86.939297	56164.26	56250.7	-0.65	56163.61	56163.60938	56183.80035	56183.80078	504455.0	5408641.7
T8640.0	504453.4	5408641.7	7435.10010	224.37	37.49	48.830737	-86.939318	56163.74	56250.7	-0.65	56163.09	56163.08984	56183.27052	56183.26953	504453.4	5408641.7
T8640.0	504452.2	5408641.7	7435.20020	225.35	37	48.830737	-86.939336	56163.14	56250.7	-0.65	56162.49	56162.48828	56182.75084	56182.75000	504452.2	5408641.7
T8640.0	504452.2	5408641.7	7435.29981	224.23	37.73	48.830737	-86.939336	56162.58	56250.7	-0.65	56161.93	56161.92969	56182.23328	56182.23438	504452.2	5408641.7
T8640.0	504450.7	5408641.7	7435.39990	224.14	37.73	48.830737	-86.939356	56162.04	56250.7	-0.65	56161.39	56161.39063	56181.71916	56181.71875	504450.7	5408641.7
T8640.0	504449.0	5408641.7	7435.50000	222.65	31.31	48.830737	-86.939378	56161.54	56250.7	-0.65	56160.89	56160.89063	56181.20711	56181.20703	504449.0	5408641.7
T8640.0	504448.0	5408641.7	7435.60010	223.04	32.64	48.830737	-86.939392	56160.99	56250.7	-0.65	56160.34	56160.33984	56180.70309	56180.70313	504448.0	5408641.7
T8640.0	504448.0	5408641.7	7435.70020	221.60	32.64	48.830737	-86.939392	56160.48	56250.7	-0.65	56159.83	56159.82813	56180.20109	56180.19922	504448.0	5408641.7
T8640.0	504446.4	5408641.7	7435.79981	222.72	27.5	48.830737	-86.939414	56160.03	56250.7	-0.65	56159.38	56159.37891	56179.69972	56179.69922	504446.4	5408641.7
T8640.0	504445.2	5408641.7	7435.89990	222.71	33.43	48.830737	-86.939430	56159.52	56250.7	-0.65	56158.87	56158.87109	56179.20696	56179.20703	504445.2	5408641.7
T8640.0	504444.0	5408641.7	7436.00000	223.29	33.43	48.830737	-86.939448	56158.98	56250.7	-0.65	56158.33	56158.32813	56178.72078	56178.72266	504444.0	5408641.7
T8640.0	504442.9	5408641.7	7436.10010	223.55	33.65	48.830737	-86.939461	56158.54	56250.7	-0.65	56157.89	56157.89063	56178.23246	56178.23438	504442.9	5408641.7
T8640.0	504441.7	5408641.7	7436.20020	225.40	33.65	48.830737	-86.939478	56158.07	56250.7	-0.65	56157.42	56157.42188	56177.75066	56177.75000	504441.7	5408641.7
T8640.0	504440.4	5408641.7	7436.29981	223.04	35.02	48.830737	-86.939496	56157.66	56250.7	-0.65	56157.00	56157.00000	56177.26999	56177.26953	504440.4	5408641.7
T8640.0	504438.9	5408641.7	7436.39990	222.22	36.87	48.830737	-86.939516	56157.22	56250.7	-0.65	56156.57	56156.57031	56176.79442	56176.79297	504438.9	5408641.7
T8640.0	504438.9	5408641.7	7436.50000	222.57	36.87	48.830737	-86.939516	56156.79	56250.7	-0.65	56156.13	56156.12891	56176.32392	56176.32422	504438.9	5408641.7
T8640.0	504437.4	5408641.7	7436.60010	223.63	34.25	48.830737	-86.939536	56156.37	56250.7	-0.66	56155.71	56155.71094	56175.85644	56175.85547	504437.4	5408641.7
T8640.0	504436.1	5408641.7	7436.70020	223.68	39.62	48.830737	-86.939555	56155.93	56250.7	-0.66	56155.27	56155.26953	56175.39463	56175.39453	504436.1	5408641.7
T8640.0	504434.6	5408641.7	7436.79981	223.42	38.91	48.830737	-86.939574	56155.54	56250.7	-0.66	56154.88	56154.87891	56174.93377	56174.93359	504434.6	5408641.7
T8640.0	504434.6	5408641.7	7436.89990	223.76	38.76	48.830737	-86.939574	56155.14	56250.7	-0.66	56154.48	56154.48047	56174.47783	56174.47656	504434.6	5408641.7
T8640.0	504432.4	5408641.7	7437.00000	222.62	38.76	48.830737	-86.939605	56154.74	56250.7	-0.66	56154.08	56154.07813	56174.02611	56174.02734	504432.4	5408641.7
T8640.0	504431.0	5408641.7	7437.10010	222.70	38.71	48.830737	-86.939624	56154.39	56250.7	-0.66	56153.73	56153.73047	56173.57524	56173.57422	504431.0	5408641.7
T8640.0	504431.0	5408641.7	7437.20020	224.21	38.71	48.830737	-86.939624	56154.01	56250.7	-0.66	56153.35	56153.35156	56173.13051	56173.12891	504431.0	5408641.7
T8640.0	504429.7	5408641.7	7437.29981	223.83	38.12	48.830737	-86.939641	56153.66	56250.7	-0.66	56153.00	56153.00000	56172.68790	56172.68750	504429.7	5408641.7
T8640.0	504428.3	5408641.7	7437.39990	222.50	38.79	48.830737	-86.939661	56153.32	56250.7	-0.66	56152.66	56152.66016	56172.24869	56172.25000	504428.3	5408641.7
T8640.0	504427.3	5408641.6	7437.50000	222.07	41.69	48.830737	-86.939675	56152.95	56250.7	-0.66	56152.29	56152.28906	56171.81553	56171.81641	504427.3	5408641.6
T8640.0	504426.0	5408641.6	7437.60010	223.75	41.69	48.830737	-86.939692	56152.64	56250.7	-0.66	56151.98	56151.98047	56171.38237	56171.38281	504426.0	5408641.6
T8640.0	504425.2	5408641.6	7437.70020	223.99	35.49	48.830737	-86.939703	56152.29	56250.7	-0.66	56151.63	56151.62891	56170.95585	56170.95703	504425.2	5408641.6
T8640.0	504424.1	5408641.6	7437.79981	224.57	39.48	48.830737	-86.939718	56152.02	56250.7	-0.66	56151.36	56151.35938	56170.52794	56170.52734	504424.1	5408641.6

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
T8640.0	504422.8	5408641.6	7437.89990	223.74	39.48	48.830737	-86.939736	56151.65	56250.7	-0.66	56150.99	56150.98828	56170.11061	56170.10938	504422.8	5408641.6
T8640.0	504421.3	5408641.6	7438.00000	225.44	40.79	48.830737	-86.939757	56151.39	56250.7	-0.66	56150.73	56150.73047	56169.68981	56169.69141	504421.3	5408641.6
T8640.0	504420.2	5408641.6	7438.10010	226.88	39.09	48.830737	-86.939770	56151.02	56250.7	-0.66	56150.36	56150.35938	56169.28020	56169.28125	504420.2	5408641.6
T8640.0	504420.2	5408641.6	7438.20020	224.70	34.68	48.830737	-86.939770	56150.70	56250.7	-0.66	56150.03	56150.03125	56168.87174	56168.87109	504420.2	5408641.6
T8640.0	504418.7	5408641.6	7438.29981	221.56	33.87	48.830736	-86.939791	56150.36	56250.7	-0.67	56149.70	56149.69922	56168.46706	56168.46875	504418.7	5408641.6
T8640.0	504417.6	5408641.6	7438.39990	222.13	33.87	48.830736	-86.939807	56150.02	56250.7	-0.67	56149.35	56149.35156	56168.06747	56168.06641	504417.6	5408641.6
T8640.0	504416.4	5408641.5	7438.50000	221.71	34.55	48.830736	-86.939822	56149.75	56250.7	-0.67	56149.08	56149.07813	56167.66629	56167.66797	504416.4	5408641.5
T8640.0	504415.4	5408641.5	7438.60010	221.70	32.16	48.830736	-86.939836	56149.46	56250.7	-0.67	56148.79	56148.78906	56167.27013	56167.26953	504415.4	5408641.5
T8640.0	504413.7	5408641.5	7438.70020	220.73	32.16	48.830736	-86.939859	56149.11	56250.7	-0.67	56148.43	56148.42969	56166.88233	56166.88281	504413.7	5408641.5
T8640.0	504413.7	5408641.5	7438.79981	221.55	35.16	48.830736	-86.939859	56148.83	56250.7	-0.68	56148.15	56148.14844	56166.49284	56166.49219	504413.7	5408641.5
T8640.0	504412.3	5408641.5	7438.89990	221.48	36.88	48.830736	-86.939878	56148.47	56250.7	-0.68	56147.79	56147.78906	56166.11232	56166.11328	504412.3	5408641.5
T8640.0	504411.1	5408641.5	7439.00000	222.93	36.88	48.830736	-86.939896	56148.12	56250.7	-0.68	56147.44	56147.44141	56165.73473	56165.73438	504411.1	5408641.5
T8640.0	504409.7	5408641.5	7439.10010	222.23	38.7	48.830735	-86.939914	56147.84	56250.7	-0.68	56147.16	56147.16016	56165.35607	56165.35547	504409.7	5408641.5
T8640.0	504408.3	5408641.5	7439.20020	222.56	38.7	48.830735	-86.939933	56147.44	56250.7	-0.68	56146.76	56146.76172	56164.98897	56164.98828	504408.3	5408641.5
T8640.0	504406.9	5408641.4	7439.29981	221.87	37.09	48.830735	-86.939952	56147.06	56250.7	-0.68	56146.38	56146.37891	56164.62409	56164.62500	504406.9	5408641.4
T8640.0	504405.7	5408641.4	7439.39990	222.16	41.51	48.830735	-86.939969	56146.72	56250.7	-0.68	56146.03	56146.03125	56164.26073	56164.26172	504405.7	5408641.4
T8640.0	504405.7	5408641.4	7439.50000	222.17	41.66	48.830735	-86.939969	56146.32	56250.7	-0.68	56145.64	56145.64063	56163.90355	56163.90234	504405.7	5408641.4
T8640.0	504404.3	5408641.4	7439.60010	222.36	41.66	48.830735	-86.939988	56145.96	56250.7	-0.69	56145.28	56145.28125	56163.54787	56163.54688	504404.3	5408641.4
T8640.0	504403.4	5408641.4	7439.70020	222.37	41.37	48.830735	-86.940001	56145.56	56250.7	-0.69	56144.87	56144.87109	56163.19900	56163.19922	504403.4	5408641.4
T8640.0	504402.0	5408641.4	7439.79981	222.99	37.81	48.830735	-86.940019	56145.13	56250.7	-0.69	56144.45	56144.44922	56162.85426	56162.85547	504402.0	5408641.4
T8640.0	504400.6	5408641.4	7439.89990	223.66	37.81	48.830735	-86.940039	56144.76	56250.7	-0.69	56144.07	56144.07031	56162.51031	56162.51172	504400.6	5408641.4
T8640.0	504399.4	5408641.4	7440.00000	223.36	35.08	48.830735	-86.940054	56144.32	56250.7	-0.69	56143.63	56143.62891	56162.17381	56162.17188	504399.4	5408641.4
T8640.0	504398.4	5408641.4	7440.10010	223.94	35.21	48.830735	-86.940068	56143.82	56250.7	-0.69	56143.13	56143.12891	56161.84473	56161.84375	504398.4	5408641.4
T8640.0	504397.2	5408641.4	7440.20020	223.82	35.21	48.830735	-86.940085	56143.45	56250.7	-0.69	56142.76	56142.76172	56161.51041	56161.51172	504397.2	5408641.4
T8640.0	504395.4	5408641.4	7440.29981	223.08	33.67	48.830735	-86.940109	56142.96	56250.7	-0.69	56142.26	56142.26172	56161.18817	56161.18750	504395.4	5408641.4
T8640.0	504394.2	5408641.4	7440.39990	223.58	33.67	48.830735	-86.940125	56142.46	56250.7	-0.69	56141.76	56141.76172	56160.86934	56160.87109	504394.2	5408641.4
T8640.0	504394.2	5408641.4	7440.50000	223.52	37.28	48.830735	-86.940125	56141.99	56250.7	-0.69	56141.30	56141.30078	56160.55124	56160.55078	504394.2	5408641.4
T8640.0	504392.9	5408641.4	7440.60010	224.68	40.97	48.830735	-86.940143	56141.46	56250.7	-0.70	56140.77	56140.76953	56160.24120	56160.24219	504392.9	5408641.4
T8640.0	504391.5	5408641.4	7440.70020	225.38	40.97	48.830735	-86.940162	56141.00	56250.7	-0.70	56140.31	56140.30859	56159.92989	56159.92969	504391.5	5408641.4
T8640.0	504390.0	5408641.4	7440.79981	225.16	35.99	48.830735	-86.940183	56140.50	56250.7	-0.70	56139.81	56139.80859	56159.62463	56159.62500	504390.0	5408641.4
T8640.0	504390.0	5408641.4	7440.89990	224.61	35.99	48.830735	-86.940183	56140.02	56250.7	-0.70	56139.32	56139.32031	56159.32208	56159.32031	504390.0	5408641.4
T8640.0	504388.1	5408641.4	7441.00000	223.31	34.5	48.830735	-86.940208	56139.54	56250.7	-0.70	56138.84	56138.83984	56159.02224	56159.02344	504388.1	5408641.4
T8640.0	504387.0	5408641.4	7441.10010	224.86	34.5	48.830735	-86.940224	56139.02	56250.7	-0.70	56138.32	56138.32031	56158.72846	56158.72656	504387.0	5408641.4
T8640.0	504385.4	5408641.4	7441.20020	223.29	31.73	48.830735	-86.940246	56138.50	56250.7	-0.70	56137.80	56137.80078	56158.43804	56158.43750	504385.4	5408641.4
T8640.0	504385.4	5408641.4	7441.29981	223.39	34.7	48.830735	-86.940246	56137.92	56250.7	-0.70	56137.22	56137.21875	56158.15501	56158.15625	504385.4	5408641.4
T8640.0	504384.2	5408641.4	7441.39990	223.57	34.7	48.830735	-86.940261	56137.52	56250.7	-0.70	56136.82	56136.82031	56157.86335	56157.86328	504384.2	5408641.4
T8640.0	504382.1	5408641.4	7441.50000	222.91	36.84	48.830735	-86.940290	56136.96	56250.7	-0.69	56136.26	56136.26172	56157.58573	56157.58594	504382.1	5408641.4
T8640.0	504380.8	5408641.5	7441.60010	222.67	36.84	48.830736	-86.940309	56136.48	56250.7	-0.69	56135.78	56135.78125	56157.30615	56157.30469	504380.8	5408641.5
T8640.0	504380.8	5408641.5	7441.70020	222.73	36.32	48.830736	-86.940309	56135.95	56250.7	-0.69	56135.25	56135.25000	56157.03329	56157.03516	504380.8	5408641.5
T8640.0	504379.4	5408641.5	7441.79981	222.48	36.32	48.830736	-86.940327	56135.47	56250.7	-0.69	56134.78	56134.78125	56156.75981	56156.76172	504379.4	5408641.5
T8640.0	504377.8	5408641.5	7441.89990	223.31	36	48.830736	-86.940348	56134.96	56250.7	-0.69	56134.27	56134.26953	56156.49237	56156.49219	504377.8	5408641.5
T8640.0	504377.8	5408641.5	7442.00000	225.29	42.36	48.830736	-86.940348	56134.46	56250.7	-0.69	56133.77	56133.76953	56156.22765	56156.22656	504377.8	5408641.5
T8640.0	504376.0	5408641.5	7442.10010	225.02	42.36	48.830736	-86.940373	56134.03	56250.7	-0.69	56133.34	56133.33984	56155.96165	56155.96094	504376.0	5408641.5
T8640.0	504374.4	5408641.5	7442.20020	225.42	45.4	48.830736	-86.940395	56133.57	56250.7	-0.69	56132.88	56132.87891	56155.70103	56155.69922	504374.4	5408641.5
T8640.0	504373.3	5408641.5	7442.29981	225.78	45.4	48.830736	-86.940410	56133.13	56250.7	-0.69	56132.43	56132.42969	56155.44313	56155.44141	504373.3	5408641.5
T8640.0	504373.3	5408641.5	7442.39990	225.08	43.83	48.830736	-86.940410	56132.68	56250.7	-0.69	56131.99	56131.98828	56155.18795	56155.18750	504373.3	5408641.5
T8640.0	504371.8	5408641.5	7442.50000	224.92	37.46	48.830736	-86.940431	56132.23	56250.7	-0.69	56131.54	56131.53906	56154.93683	56154.93750	504371.8	5408641.5
T8640.0	504370.4	5408641.5	7442.60010	225.52	37.46	48.830736	-86.940449	56131.75	56250.7	-0.70	56131.06	56131.05859	56154.69110	56154.69141	504370.4	5408641.5
T8640.0	504370.4	5408641.5	7442.70020	225.43	46.1	48.830736	-86.940449	56131.37	56250.7	-0.70	56130.67	56130.67188	56154.44276	56154.44141	504370.4	5408641.5
T8640.0	504368.7	5408641.5	7442.79981	224.43	46.1	48.830736	-86.940473	56130.94	56250.7	-0.70	56130.24	56130.23828	56154.20047	56154.19922	504368.7	5408641.5
T8640.0	504367.4	5408641.5	7442.89990	224.96	45.39	48.830736	-86.940491	56130.56	56250.7	-0.70	56129.86	56129.85938	56153.95824	56153.95703	504367.4	5408641.5
T8640.0	504366.0	5408641.5	7443.00000	226.47	45.55	48.830736	-86.940509	56130.19	56250.7	-0.70	56129.49	56129.48828	56153.71873	56153.71875	504366.0	5408641.5
T8640.0	504365.0	5408641.5	7443.10010	226.70	45.55	48.830736	-86.940524	56129.85	56250.7	-0.70	56129.14	56129.14063	56153.48127	56153.48047	504365.0	5408641.5
T8640.0	504363.5	5408641.5	7443.20020	224.73	45.79	48.830736	-86.940544	56129.53	56250.7	-0.71	56128.82	56128.82031	56153.24520	56153.24609	504363.5	5408641.5
T8640.0	504363.5	5408641.5	7443.29981	224.02	45.81	48.830736	-86.940544	56129.20	56250.7	-0.71	56128.49	56128.48828	56153.01317	56153.01172	504363.5	5408641.5
T8640.0	504362.3	5408641.5	7443.39990	224.70	45.81	48.830736	-86.940560	56128.84	56250.7	-0.71	56128.13	56128.12891	56152.78652	56152.78516	504362.3	5408641.5
T8640.0	504360.9	5408641.5	7443.50000	224.26	41.38	48.830736	-86.940579	56128.54	56250.7	-0.71	56127.82	56127.82031	56152.55991	56152.55859	504360.9	5408641.5
T8640.0	504359.6	5408641.5	7443.60010	223.89	41.38	48.830736	-86.940597	56128.26	56250.7	-0.72	56127.54	56127.53906	56152.33467	56152.33594	504359.6	5408641.5
T8640.0	504359.6	5408641.5	7443.70020	222.81	45.35	48.830736	-86.940597	56127.98	56250.7	-0.72	56127.26	56127.26172	56152.11278	56152.11328	504359.6	5408641.5
T8640.0	504357.1	5408641.5	7443.79981	223.66	45.35	48.830736	-86.940631	56127.73	56250.7	-0.72	56127.00	56127.00000	56151.89291	56151.89453	504357.1	5408641.5
T8640.0	504357.1	5408641.5	7443.89990	225.24	45.06	48.830736	-86.940631	56127.48	56250.7	-0.73	56126.75	56126.75000	56151.67572	56151.67578	504357.1	5408641.5
T8640.0	504355.8	5408641.4	7444.00000	223.18	45.06	48.830736	-86.940648	56127.24	56250.7	-0.73	56126.51	56126.51172	56151.46119	56151.46094	504355.8	5408641.4
T8640.0	504354.6	5408641.4	7444.10010	224.15	44.44	48.830736	-86.940665	56127.02	56250.7	-0.73	56126.29	56126.28906	56151.24865	56151.25000	504354.6	5408641.4
T8640.0	504354.6	5408641.4	7444.20020	225.39	44.44	48.830736	-86.940665	56126.86	56250.7	-0.73	56126.13	56126.12891	56151.03542	56151.03516	504354.6	5408641.4
T8640.0	504353.0	5408641.4	7444.29981	226.32	44.68	48.830736	-86.940687	56126.70	56250.7	-0.73	56125.96	56125.96094	56150.82616	56150.82422	504353.0	5408641.4
T8640.0	504351.8	5408641.4	7444.39990	226.68	40.9	48.830736	-86.940703	56126.49	56250.7	-0.73	56125.76	56125.76172	56150.62218	56150.62109	504351.8	5408641.4
T8640.0	504350.8	5408641.4	7444.50000	226.10	40.9	48.830736	-86.940717	56126.36	56250.7	-0.73	56125.63	56125.62891	56150.41680	56150.41797	504350.8	5408641.4
T8640.0	504349.7	5408641.4	7444.60010	226.54	41.9	48.830736	-86.940732	56126.23	56250.7	-0.73	56125.50	56125.50000	56150.21467	56150.21484	504349.7	5408641.4
T8640.0	504349.7	5408641.4	7444.70020	226.90	43.87	48.830736	-86.940732	56126.11	56250.7	-0.73	56125.38	56125.37891	56150.01510	56150.01563	504349.7	5408641.4
T8640.0	504347.9	5408641.4	7444.79981	225.09	43.87	48.830736	-86.940756	56125.98	56250.7	-0.73	56125.25	56125.25000	56149.81942	56149.82031	504347.9	5408641.4
T8640.0	504346.8	5408641.4	7444.89990	225.89	45.67	48.830735	-86.940772	56125.96	56250.7	-0.73	56125.23	56125.23047	56149.61960	56149.62109	504346.8	5408641.4
T8640.0	504345.6	5408641.4	7445.00000	225.37	45.67	48.830735	-86.940788	56125.84	56250.7	-0.73	56125.11	56125.10938	56149.42961	56149.42969	504345.6	5408641.4
T8640.0	504345.6	5408641.4	7445.10010	224.73	45.62	48.830735	-86.940788	56125.78	56250.7	-0.73	56125.05	56125.05078	56149.23877	56149.23828	504345.6	5408641.4
T8640.0	504344.2	5408641.4	7445.20020	223.79	45.62	48.830735	-86.940806	56125.76	56250.7	-0.73	56125.03	56125.03125	56149.04840	56149.04688	504344.2	5408641.4
T8640.0	504342.7	5408641.4	7445.29981	223.75	45.77	48.830735	-86.940827	56125.76	56250.7	-0.73	56125.03	56125.03125	56148.85978	56148.85938	504342.7	5408641.4
T8640.0	504342.7	5408641.4	7445.39990	224.76	42.26	48.830735	-86.940827	56125.68	56250.7	-0.73	56124.95	56124.94922	56148.67958	56148.67969	504342.7	5408641.4
T8640.0	504341.8	5408641.4	7445.50000	223.19	42.26	48.830735	-86.940840	56125.66	56250.7	-0.73	56124.93	56124.92969	56148.49841	56148.50000	504341.8	5408641.4
T8640.0	504340.7	5408641.4	7445.60010	223.52	37.4	48.830735	-86.940855	56125.70	56250.7	-0.73	56124.97	56124.96875	56148.31626	56148.31641	504340.7	5408641.4
T8640.0	504339.6	5408641.4	7445.70020	221.54	37.4	48.830735	-86.940869	56125.76	56250.7	-0.73	56125.03	56125.03125	56148.13577	56148.13672	504339.6	5408641.4
T8640.0	504339.6	5408641.4	7445.79981	221.72	43.45	48.830735	-86.940869	56125.78	56250.7	-0.73	56125.05	56125.05078	56147.96089	56147.96094	504339.6	5408641.4
T8640.0	504338.0	5408641.4	7445.89990	223.69	43.45	48.830735	-86.940892	56125.84	56250.7	-0.73	56125.11	56125.10938	56147.78627	56147.78516	504338.0	5408641.4
T8640.0	504337.0	5408641.4	7446.00000	222.95	38.12	48.830735	-86.940905	56125.91	56250.7	-0.73	56125.18	56125.17969	56147.61386	56147.61328	504337.0	5408641.4
T8640.0	504335.9	5408641.4	7446.10010	224.07	38.12	48.830735	-86.940919	56125.96	56250.7	-0.73	56125.22	56125.21875	56147.44631	56147.44531	504335.9	5408641.4
T8640.0	504335.9	5408641.4	7446.20020	224.18	42.12	48.830735	-86.940919	56126.01	56250.7	-0.74	56125.28	56125.28125	56147.28024	56147.28125	504335.9	5408641.4
T8640.0	504335.0	5408641.4	7446.29981	225.46	42.34	48.830735	-86.940932	56126.21	56250.7	-0.74	56125.48	56125.48047	56147.10762	56147.10938	504335.0	5408641.4
T8640.0	504334.0	5408641.4	7446.39990	225.05	42.47	48.830735	-86.940945	56126.24	56250.7	-0.74	56125.50	56125.50000	56146.94973	56146.94922	504334.0	5408641.4
T8640.0	504333.0	5408641.4	7446.50000	224.58	42.47	48.830735	-86.940959	56126.38	56250.7	-0.75	56125.63	56125.62891	56146.78721	56146.78906	504333.0	5408641.4
T8640.0	504332.0	5408641.4	7446.60010	224.22	38.2	48.830735	-86.940972	56126.46	56250.7	-0.75	56125.72	56125.71875	56146.63002	56146.62891	504332.0	5408641.4
T8640.0	504331.2	5408641.4	7446.70020	223.73	38.2	48.830735	-86.940983	56126.59	56250.8	-0.75	56125.84	56125.83984	56146.47345	56146.47266	504331.2	5408641.4
T8640.0	504330.3	5408641.4	7446.79981	224.26	37.5	48.830735	-86.940996	56126.72	56250.8	-0.75	56125.96	56125.96094	56146.31945	56146.32031	504330.3	5408641.4
T8640.0	504330.3	5408641.4	7446.89990	222.20	37.07	48.830735	-86.940996	56126.89	56250.8	-0.76	56126.13	56126.12891	56146.16466	56146.16406	504330.3	5408641.4
T8640.0	504329.0	5408641.4	7447.00000	223.22	37.07	48.830735	-86.941013	56127.07	56250.8	-0.76	56126.31	56126.30859	56146.01169	56146.01172	504329.0	5408641.4
T8640.0	504329.0	5408641.4	7447.10010	223.13	42.84	48.830735	-86.941013	56127.20	56250.8	-0.76	56126.43	56126.42969	56145.86516	56145.86328	504329.0	5408641.4

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
T8640.0	504328.1	5408641.4	7447.20020	223.45	42.84	48.830735	-86.941026	56127.33	56250.8	-0.76	56126.57	56126.57031	56145.71970	56145.71875	504328.1	5408641.4
T8640.0	504327.1	5408641.4	7447.29981	221.54	38.8	48.830735	-86.941040	56127.52	56250.8	-0.76	56126.76	56126.76172	56145.57326	56145.57422	504327.1	5408641.4
T8640.0	504326.5	5408641.4	7447.39990	222.11	38.49	48.830735	-86.941048	56127.65	56250.8	-0.76	56126.89	56126.89063	56145.43312	56145.43359	504326.5	5408641.4
T8640.0	504325.3	5408641.4	7447.50000	223.34	38.49	48.830735	-86.941065	56127.89	56250.8	-0.76	56127.13	56127.12891	56145.28791	56145.28906	504325.3	5408641.4
T8640.0	504324.6	5408641.3	7447.60010	223.95	38.34	48.830735	-86.941074	56128.11	56250.8	-0.76	56127.35	56127.35156	56145.14625	56145.14453	504324.6	5408641.3
T8640.0	504324.6	5408641.3	7447.70020	225.41	38.77	48.830735	-86.941074	56128.28	56250.8	-0.76	56127.52	56127.51953	56145.01008	56145.01172	504324.6	5408641.3
T8640.0	504323.6	5408641.3	7447.79981	226.91	38.77	48.830735	-86.941087	56128.46	56250.8	-0.76	56127.70	56127.69922	56144.87536	56144.87500	504323.6	5408641.3
T8640.0	504322.6	5408641.3	7447.89990	226.67	38.77	48.830735	-86.941100	56128.69	56250.8	-0.76	56127.93	56127.92969	56144.73937	56144.73828	504322.6	5408641.3
T8640.0	504321.8	5408641.3	7448.00000	227.12	38.31	48.830735	-86.941112	56128.84	56250.8	-0.76	56128.08	56128.07813	56144.61073	56144.60938	504321.8	5408641.3
T8640.0	504320.9	5408641.3	7448.10010	226.34	39.32	48.830735	-86.941124	56129.05	56250.8	-0.76	56128.29	56128.28906	56144.48005	56144.48047	504320.9	5408641.3
T8640.0	504320.9	5408641.3	7448.20020	227.09	39.32	48.830735	-86.941124	56129.37	56250.8	-0.76	56128.60	56128.60156	56144.34462	56144.34375	504320.9	5408641.3
T8640.0	504320.1	5408641.3	7448.29981	226.44	41.55	48.830734	-86.941135	56129.56	56250.8	-0.76	56128.79	56128.78906	56144.21906	56144.21875	504320.1	5408641.3
T8640.0	504319.2	5408641.3	7448.39990	226.20	45.65	48.830734	-86.941147	56129.73	56250.8	-0.76	56128.97	56128.96875	56144.09597	56144.09766	504319.2	5408641.3
T8640.0	504319.2	5408641.3	7448.50000	225.99	45.65	48.830734	-86.941147	56129.95	56250.8	-0.76	56129.18	56129.17969	56143.97264	56143.97266	504319.2	5408641.3
T8640.0	504318.5	5408641.2	7448.60010	226.28	41.29	48.830734	-86.941158	56130.16	56250.8	-0.77	56129.40	56129.39844	56143.85036	56143.85156	504318.5	5408641.2
T8640.0	504317.6	5408641.2	7448.70020	226.37	41.29	48.830734	-86.941169	56130.38	56250.8	-0.77	56129.61	56129.60938	56143.73040	56143.73047	504317.6	5408641.2
T8640.0	504316.8	5408641.2	7448.79981	225.80	43.47	48.830734	-86.941181	56130.64	56250.8	-0.77	56129.87	56129.87109	56143.60872	56143.60938	504316.8	5408641.2
T8640.0	504316.8	5408641.2	7448.89990	226.68	43.47	48.830734	-86.941181	56130.90	56250.8	-0.77	56130.13	56130.12891	56143.48860	56143.48828	504316.8	5408641.2
T8640.0	504315.9	5408641.2	7449.00000	226.53	37.07	48.830733	-86.941192	56131.12	56250.8	-0.77	56130.35	56130.35156	56143.37264	56143.37109	504315.9	5408641.2
T8640.0	504315.1	5408641.1	7449.10010	226.05	37.07	48.830733	-86.941203	56131.29	56250.8	-0.77	56130.52	56130.51953	56143.26148	56143.26172	504315.1	5408641.1
T8640.0	504315.1	5408641.1	7449.20020	226.29	37.23	48.830733	-86.941203	56131.55	56250.8	-0.77	56130.78	56130.78125	56143.14572	56143.14453	504315.1	5408641.1
T8640.0	504314.5	5408641.1	7449.29981	226.42	37.9	48.830733	-86.941212	56131.83	56250.8	-0.77	56131.06	56131.05859	56143.02998	56143.03125	504314.5	5408641.1
T8640.0	504313.8	5408641.1	7449.39990	225.09	37.9	48.830733	-86.941221	56132.01	56250.8	-0.77	56131.23	56131.23047	56142.92287	56142.92188	504313.8	5408641.1
T8640.0	504313.1	5408641.1	7449.50000	225.08	37.9	48.830733	-86.941230	56132.25	56250.8	-0.77	56131.48	56131.48047	56142.81169	56142.81250	504313.1	5408641.1
T8640.0	504313.1	5408641.1	7449.60010	225.59	39.75	48.830733	-86.941230	56132.41	56250.8	-0.78	56131.64	56131.64063	56142.70771	56142.70703	504313.1	5408641.1
T8640.0	504312.4	5408641.1	7449.70020	227.31	40.09	48.830733	-86.941240	56132.64	56250.8	-0.78	56131.86	56131.85938	56142.60089	56142.60156	504312.4	5408641.1
T8640.0	504311.9	5408641.1	7449.79981	225.98	40.75	48.830733	-86.941247	56132.84	56250.8	-0.78	56132.06	56132.05859	56142.49650	56142.49609	504311.9	5408641.1
T8640.0	504311.2	5408641.1	7449.89990	225.32	40.75	48.830733	-86.941256	56133.06	56250.8	-0.78	56132.28	56132.28125	56142.39184	56142.39063	504311.2	5408641.1
T8640.0	504310.7	5408641.1	7450.00000	225.66	46.37	48.830733	-86.941263	56133.30	56250.8	-0.78	56132.52	56132.51953	56142.28686	56142.28516	504310.7	5408641.1
T8640.0	504310.3	5408641.1	7450.10010	225.15	46.37	48.830733	-86.941269	56133.46	56250.8	-0.78	56132.69	56132.69141	56142.18751	56142.18750	504310.3	5408641.1
T8640.0	504309.7	5408641.1	7450.20020	226.00	44.24	48.830733	-86.941277	56133.67	56250.8	-0.78	56132.89	56132.89063	56142.08707	56142.08594	504309.7	5408641.1
T8640.0	504309.7	5408641.1	7450.29981	226.29	44.24	48.830733	-86.941277	56133.88	56250.8	-0.78	56133.10	56133.10156	56141.98684	56141.98828	504309.7	5408641.1
T8640.0	504309.2	5408641.1	7450.39990	225.67	43.45	48.830733	-86.941283	56134.06	56250.8	-0.78	56133.28	56133.28125	56141.88943	56141.89063	504309.2	5408641.1
T8640.0	504308.6	5408641.1	7450.50000	225.95	42.43	48.830733	-86.941291	56134.25	56250.8	-0.78	56133.48	56133.48047	56141.79147	56141.79297	504308.6	5408641.1
T8640.0	504308.1	5408641.1	7450.60010	226.20	42.43	48.830733	-86.941298	56134.38	56250.8	-0.77	56133.61	56133.60938	56141.69892	56141.69922	504308.1	5408641.1
T8640.0	504308.1	5408641.1	7450.70020	227.40	43.74	48.830733	-86.941298	56134.63	56250.8	-0.77	56133.86	56133.85938	56141.59906	56141.59766	504308.1	5408641.1
T8640.0	504307.3	5408641.1	7450.79981	227.68	43.74	48.830733	-86.941310	56134.74	56250.8	-0.77	56133.97	56133.96875	56141.50918	56141.50781	504307.3	5408641.1
T8640.0	504306.9	5408641.1	7450.89990	227.01	42.7	48.830733	-86.941315	56134.99	56250.8	-0.77	56134.22	56134.21875	56141.41059	56141.41016	504306.9	5408641.1
T8640.0	504306.9	5408641.1	7451.00000	226.18	40.26	48.830733	-86.941315	56135.09	56250.8	-0.77	56134.32	56134.32031	56141.32256	56141.32422	504306.9	5408641.1
T8640.0	504306.4	5408641.1	7451.10010	227.22	40.26	48.830733	-86.941322	56135.36	56250.8	-0.77	56134.59	56134.58984	56141.22373	56141.22266	504306.4	5408641.1
T8640.0	504305.9	5408641.1	7451.20020	226.74	38.7	48.830732	-86.941328	56135.50	56250.8	-0.78	56134.72	56134.71875	56141.13472	56141.13281	504305.9	5408641.1
T8640.0	504305.9	5408641.1	7451.29981	225.60	37.79	48.830732	-86.941328	56135.63	56250.8	-0.78	56134.85	56134.85156	56141.04617	56141.04688	504305.9	5408641.1
T8640.0	504305.5	5408641.0	7451.39990	225.88	37.79	48.830732	-86.941335	56135.79	56250.8	-0.78	56135.01	56135.01172	56140.95604	56140.95703	504305.5	5408641.0
T8640.0	504305.2	5408641.0	7451.50000	225.70	39.61	48.830732	-86.941338	56135.98	56250.8	-0.79	56135.19	56135.19141	56140.86496	56140.86328	504305.2	5408641.0
T8640.0	504304.7	5408641.0	7451.60010	225.20	41.69	48.830732	-86.941344	56136.13	56250.8	-0.79	56135.34	56135.33984	56140.77622	56140.77734	504304.7	5408641.0
T8640.0	504304.4	5408641.0	7451.70020	223.88	41.69	48.830732	-86.941349	56136.22	56250.8	-0.79	56135.43	56135.42969	56140.69180	56140.69141	504304.4	5408641.0
T8640.0	504304.0	5408641.0	7451.79981	223.02	41.41	48.830732	-86.941354	56136.41	56250.8	-0.79	56135.62	56135.62109	56140.60099	56140.60156	504304.0	5408641.0
T8640.0	504304.0	5408641.0	7451.89990	223.90	40.9	48.830732	-86.941354	56136.61	56250.8	-0.80	56135.81	56135.80859	56140.51043	56140.51172	504304.0	5408641.0
T8640.0	504303.6	5408641.0	7452.00000	224.49	40.9	48.830732	-86.941360	56136.63	56250.8	-0.80	56135.83	56135.82813	56140.43142	56140.42969	504303.6	5408641.0
T8640.0	504303.3	5408641.0	7452.10010	224.11	39.19	48.830732	-86.941364	56136.81	56250.8	-0.80	56136.01	56136.01172	56140.34193	56140.34375	504303.3	5408641.0
T8640.0	504303.3	5408641.0	7452.20020	224.09	39.19	48.830732	-86.941364	56136.96	56250.8	-0.80	56136.15	56136.14844	56140.25527	56140.25391	504303.3	5408641.0
T8640.0	504302.6	5408641.0	7452.50000	225.27	37.91	48.830732	-86.941374	56137.24	56250.8	-0.81	56136.43	56136.42969	56140.15941	56140.16016	504302.6	5408641.0
T8640.0	504302.3	5408640.9	7452.60010	225.09	40.28	48.830731	-86.941378	56137.34	56250.8	-0.81	56136.53	56136.53125	56140.07566	56140.07422	504302.3	5408640.9
T8640.0	504302.0	5408640.9	7452.70020	225.15	40.28	48.830731	-86.941381	56137.46	56250.8	-0.81	56136.65	56136.64844	56139.99065	56139.99219	504302.0	5408640.9
T8640.0	504301.8	5408640.9	7452.79981	225.16	40.07	48.830731	-86.941384	56137.46	56250.8	-0.82	56136.65	56136.64844	56139.91370	56139.91406	504301.8	5408640.9
T8640.0	504301.8	5408640.9	7452.89990	224.81	38.49	48.830731	-86.941384	56137.65	56250.8	-0.82	56136.83	56136.82813	56139.82479	56139.82422	504301.8	5408640.9
T8640.0	504301.6	5408640.9	7453.00000	223.82	38.49	48.830731	-86.941387	56137.65	56250.8	-0.82	56136.83	56136.82813	56139.74788	56139.74609	504301.6	5408640.9
T8640.0	504301.4	5408640.9	7453.10010	226.30	40.35	48.830731	-86.941389	56137.74	56250.8	-0.82	56136.92	56136.92188	56139.66497	56139.66406	504301.4	5408640.9
T8640.0	504301.3	5408640.9	7453.20020	227.92	40.35	48.830731	-86.941391	56137.75	56250.8	-0.82	56136.93	56136.92969	56139.58737	56139.58594	504301.3	5408640.9
T8640.0	504301.3	5408640.9	7453.29981	229.43	40.41	48.830731	-86.941391	56137.80	56250.8	-0.81	56136.98	56136.98047	56139.50704	56139.50781	504301.3	5408640.9
T9500.0	505852.2	5409498.5	75577.79688	428.41	0	48.838433	-86.920247	56164.64	56247.2	2.78	56167.42	56167.42188	56177.64517	56177.64453	505852.2	5409498.5
T9500.0	505852.2	5409498.5	75577.89844	431.28	0	48.838433	-86.920247	56164.68	56247.2	2.78	56167.46	56167.46094	56180.30529	56180.30469	505852.2	5409498.5
T9500.0	505852.0	5409498.5	75578.00000	431.69	0	48.838433	-86.920250	56164.25	56247.2	2.77	56167.02	56167.01953	56171.57930	56171.57813	505852.0	5409498.5
T9500.0	505852.0	5409498.5	75578.10156	436.52	0	48.838433	-86.920250	56163.63	56247.2	2.77	56166.40	56166.39844	56158.58781	56158.58594	505852.0	5409498.5
T9500.0	505851.7	5409498.5	75578.20313	438.89	0	48.838433	-86.920253	56163.29	56247.2	2.77	56166.07	56166.07031	56152.48635	56152.48828	505851.7	5409498.5
T9500.0	505851.5	5409498.5	75578.29688	440.31	0	48.838433	-86.920256	56163.04	56247.2	2.78	56165.81	56165.80859	56148.05343	56148.05469	505851.5	5409498.5
T9500.0	505851.3	5409498.5	75578.39844	441.61	0	48.838433	-86.920259	56163.04	56247.2	2.78	56165.82	56165.82031	56150.03616	56150.03516	505851.3	5409498.5
T9500.0	505851.1	5409498.5	75578.50000	444.97	0	48.838433	-86.920262	56163.12	56247.2	2.78	56165.90	56165.89844	56153.68775	56153.68750	505851.1	5409498.5
T9500.0	505851.1	5409498.5	75578.60156	449.86	0	48.838433	-86.920262	56163.17	56247.2	2.78	56165.95	56165.94922	56156.63489	56156.63672	505851.1	5409498.5
T9500.0	505850.7	5409498.5	75578.70313	453.16	0	48.838433	-86.920267	56162.94	56247.2	2.78	56165.72	56165.71875	56152.94405	56152.94531	505850.7	5409498.5
T9500.0	505850.4	5409498.5	75578.79688	451.44	0	48.838433	-86.920271	56162.79	56247.2	2.79	56165.57	56165.57031	56151.15994	56151.16016	505850.4	5409498.5
T9500.0	505850.4	5409498.5	75578.89844	444.80	0	48.838433	-86.920271	56162.41	56247.2	2.79	56165.19	56165.19141	56143.92493	56143.92578	505850.4	5409498.5
T9500.0	505850.0	5409498.5	75579.00000	437.84	0	48.838433	-86.920276	56162.48	56247.2	2.79	56165.27	56165.26953	56147.61625	56147.61719	505850.0	5409498.5
T9500.0	505849.6	5409498.5	75579.10156	435.38	0	48.838433	-86.920282	56162.48	56247.2	2.79	56165.27	56165.26953	56149.41726	56149.41797	505849.6	5409498.5
T9500.0	505849.6	5409498.5	75579.20313	434.70	0	48.838433	-86.920282	56162.25	56247.2	2.78	56165.04	56165.03906	56145.76792	56145.76953	505849.6	5409498.5
T9500.0	505849.3	5409498.5	75579.29688	435.28	0	48.838433	-86.920287	56162.29	56247.2	2.78	56165.07	56165.07031	56148.29849	56148.29688	505849.3	5409498.5
T9500.0	505848.9	5409498.5	75579.39844	424.35	0	48.838433	-86.920292	56162.25	56247.2	2.78	56165.03	56165.03125	56149.17666	56149.17578	505848.9	5409498.5
T9500.0	505848.4	5409498.5	75579.50000	427.57	0	48.838433	-86.920298	56162.51	56247.2	2.78	56165.28	56165.28125	56156.94716	56156.94531	505848.4	5409498.5
T9500.0	505848.4	5409498.5	75579.60156	431.56	0	48.838433	-86.920298	56162.41	56247.2	2.77	56165.18	56165.17969	56156.41988	56156.41797	505848.4	5409498.5
T9500.0	505847.9	5409498.5	75579.70313	446.02	0	48.838433	-86.920305	56162.38	56247.2	2.77	56165.15	56165.14844	56157.56364	56157.56250	505847.9	5409498.5
T9500.0	505847.4	5409498.5	75579.79688	440.41	0	48.838433	-86.920312	56162.29	56247.2	2.77	56165.06	56165.05859	56157.29312	56157.29297	505847.4	5409498.5
T9500.0	505847.4	5409498.5	75579.89844	444.57	0	48.838433	-86.920312	56162.41	56247.2	2.76	56165.17	56165.17188	56161.77955	56161.78125	505847.4	5409498.5
T9500.0	505846.9	5409498.5	75580.00000	457.30	0	48.838433	-86.920319	56162.20	56247.2	2.76	56164.96	56164.96094	56158.68102	56158.67969	505846.9	5409498.5
T9500.0	505846.3	5409498.5	75580.10156	461.08	0	48.838433	-86.920327	56162.23	56247.2	2.76	56164.99	56164.98828	56161.28924	56161.28906	505846.3	5409498.5
T9500.0	505845.6	5409498.5	75580.20313	457.17	0	48.838434	-86.920336	56162.32	56247.2	2.76	56165.08	56165.07813	56165.33212	56165.33203	505845.6	5409498.5
T9500.0	505845.6	5409498.5	75580.29688	458.06	0	48.838434	-86.920336	56161.85	56247.2	2.76	56164.61	56164.60938	56156.09427	56156.09375	505845.6	5409498.5
T9500.0	505844.9	5409498.5	75580.39844	452.68	0	48.838434	-86.920346	56161.72	56247.2	2.76	56164.47	56164.46875	56154.69988	56154.69922	505844.9	5409498.5
T9500.0	505844.4	5409498.6	75580.50000	447.01	0	48.838434	-86.920353	56162.09	56247.2	2.75	56164.84	56164.83984	56165.42141	56165.42188	505844.4	5409498.6
T9500.0	505843.8	5409498.6	75580.60156	440.86	0	48.838434	-86.920361	56162.33	56247.2	2.75	56165.09	56165.08984	56173.30613	56173.30469	505843.8	5409498.6
T9500.0	505843.8	5409498.6	75580.70313	436.44	0	48.838434	-86.920361	56162.10	56247.2	2.75	56164.85	56164.85156	56169.57233	56169.57422	505843.8	5409498.6
T9500.0	505843.1	5409498.7	75580.79688	433.66	0	48.838435	-86.920371	56162.36	56247.2	2.75	56165.11	56165.10938	56177.71769	56177.71875	505843.1	5409498.7
T9500.0	505842.5	5409498.8	75580.89844	436.16	0	48.838436	-86.920379	56162.09	56247.2	2.75	56164.84	56164.83984	56173.29553	56173.29688	505842.5	5409498.8
T9500.0	505841.9	5409498.8	75581.00000	439.35	0	48.838436	-86.920387	56161.75	56247.3	2.75	56164.50	56164.50000	56167.22407	56167.22266	505841.9	5409498.8

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
T9500.0	505841.9	5409498.8	75581.10156	442.41	0	48.838436	-86.920387	56161.53	56247.3	2.75	56164.27	56164.26953	56163.77575	56163.77734	505841.9	5409498.8
T9500.0	505841.2	5409498.9	75581.20313	444.77	0	48.838437	-86.920396	56161.14	56247.3	2.74	56163.88	56163.87891	56156.54237	56156.54297	505841.2	5409498.9
T9500.0	505840.4	5409499.0	75581.29688	445.53	0	48.838438	-86.920407	56160.94	56247.3	2.74	56163.68	56163.67969	56153.83130	56153.83203	505840.4	5409499.0
T9500.0	505839.6	5409499.2	75581.39844	447.50	0	48.838440	-86.920418	56160.74	56247.3	2.73	56163.47	56163.46875	56150.89577	56150.89453	505839.6	5409499.2
T9500.0	505839.1	5409499.3	75581.50000	447.73	0	48.838440	-86.920425	56160.98	56247.3	2.73	56163.71	56163.71094	56158.65396	56158.65234	505839.1	5409499.3
T9500.0	505839.1	5409499.3	75581.60156	447.22	0	48.838440	-86.920425	56160.66	56247.3	2.73	56163.39	56163.39063	56153.13390	56153.13281	505839.1	5409499.3
T9500.0	505838.5	5409499.4	75581.70313	447.55	0	48.838441	-86.920433	56160.59	56247.3	2.72	56163.31	56163.30859	56153.32361	56153.32422	505838.5	5409499.4
T9500.0	505837.8	5409499.5	75581.79688	446.92	0	48.838442	-86.920443	56160.74	56247.3	2.72	56163.46	56163.46094	56158.98592	56158.98438	505837.8	5409499.5
T9500.0	505837.8	5409499.5	75581.89844	441.67	0	48.838442	-86.920443	56160.30	56247.3	2.71	56163.01	56163.01172	56150.42109	56150.42188	505837.8	5409499.5
T9500.0	505837.1	5409499.6	75582.00000	439.13	0	48.838444	-86.920453	56160.28	56247.3	2.71	56162.99	56162.98828	56152.07616	56152.07422	505837.1	5409499.6
T9500.0	505836.4	5409499.8	75582.10156	440.52	0	48.838445	-86.920462	56160.23	56247.3	2.71	56162.94	56162.94141	56153.03328	56153.03516	505836.4	5409499.8
T9500.0	505835.6	5409499.9	75582.20313	442.56	0	48.838446	-86.920472	56160.64	56247.3	2.71	56163.35	56163.35156	56164.92266	56164.92188	505835.6	5409499.9
T9500.0	505835.6	5409499.9	75582.29688	442.25	0	48.838446	-86.920472	56160.44	56247.3	2.71	56163.15	56163.14844	56162.34820	56162.34766	505835.6	5409499.9
T9500.0	505834.8	5409500.0	75582.39844	445.16	0	48.838447	-86.920484	56160.82	56247.3	2.71	56163.53	56163.53125	56173.55448	56173.55469	505834.8	5409500.0
T9500.0	505834.1	5409500.1	75582.50000	445.80	0	48.838448	-86.920493	56160.64	56247.3	2.71	56163.35	56163.35156	56171.48395	56171.48438	505834.1	5409500.1
T9500.0	505834.1	5409500.1	75582.60156	443.76	0	48.838448	-86.920493	56160.25	56247.3	2.71	56162.96	56162.96094	56164.44392	56164.44531	505834.1	5409500.1
T9500.0	505833.2	5409500.2	75582.70313	442.85	0	48.838449	-86.920505	56160.31	56247.3	2.71	56163.02	56163.01953	56168.09954	56168.09766	505833.2	5409500.2
T9500.0	505832.6	5409500.3	75582.79688	441.14	0	48.838450	-86.920514	56160.11	56247.3	2.71	56162.82	56162.82031	56165.59918	56165.59766	505832.6	5409500.3
T9500.0	505832.6	5409500.3	75582.89844	442.68	0	48.838450	-86.920514	56159.94	56247.3	2.71	56162.65	56162.64844	56163.82607	56163.82422	505832.6	5409500.3
T9500.0	505832.0	5409500.3	75583.00000	442.86	0	48.838450	-86.920522	56159.73	56247.3	2.71	56162.44	56162.44141	56161.11889	56161.11719	505832.0	5409500.3
T9500.0	505831.2	5409500.4	75583.10156	446.06	0	48.838450	-86.920533	56159.60	56247.3	2.71	56162.31	56162.30859	56160.32593	56160.32422	505831.2	5409500.4
T9500.0	505831.2	5409500.4	75583.20313	446.27	0	48.838450	-86.920533	56159.95	56247.3	2.71	56162.66	56162.66016	56170.94120	56170.94141	505831.2	5409500.4
T9500.0	505830.5	5409500.4	75583.29688	447.87	0	48.838451	-86.920542	56160.31	56247.3	2.71	56163.02	56163.01953	56181.80945	56181.80859	505830.5	5409500.4
T9500.0	505829.9	5409500.4	75583.39844	445.64	0	48.838451	-86.920550	56160.06	56247.3	2.71	56162.76	56162.76172	56177.97780	56177.97656	505829.9	5409500.4
T9500.0	505829.2	5409500.4	75583.50000	442.68	0	48.838450	-86.920560	56160.18	56247.3	2.70	56162.89	56162.89063	56183.41853	56183.41797	505829.2	5409500.4
T9500.0	505829.2	5409500.4	75583.60156	442.40	0	48.838450	-86.920560	56159.95	56247.3	2.70	56162.66	56162.66016	56180.33056	56180.33203	505829.2	5409500.4
T9500.0	505828.4	5409500.3	75583.70313	444.81	0	48.838450	-86.920571	56159.78	56247.3	2.70	56162.48	56162.48047	56178.44524	56178.44531	505828.4	5409500.3
T9500.0	505827.6	5409500.3	75583.79688	437.48	0	48.838449	-86.920582	56160.08	56247.3	2.70	56162.78	56162.78125	56187.96860	56187.96875	505827.6	5409500.3
T9500.0	505827.0	5409500.2	75583.89844	437.81	0	48.838449	-86.920591	56159.57	56247.3	2.70	56162.27	56162.26953	56178.28276	56178.28125	505827.0	5409500.2
T9500.0	505827.0	5409500.2	75584.00000	448.60	0	48.838449	-86.920591	56159.90	56247.3	2.70	56162.60	56162.60156	56188.55021	56188.55078	505827.0	5409500.2
T9500.0	505826.0	5409500.1	75584.10156	448.44	0	48.838448	-86.920604	56159.70	56247.3	2.70	56162.40	56162.39844	56186.25427	56186.25391	505826.0	5409500.1
T9500.0	505825.3	5409500.0	75584.20313	447.41	0	48.838447	-86.920613	56159.55	56247.3	2.70	56162.24	56162.23828	56184.92380	56184.92188	505825.3	5409500.0
T9500.0	505824.6	5409499.9	75584.29688	447.87	0	48.838446	-86.920623	56159.70	56247.3	2.69	56162.39	56162.39063	56190.96720	56190.96875	505824.6	5409499.9
T9500.0	505824.6	5409499.9	75584.39844	446.60	0	48.838446	-86.920623	56159.13	56247.3	2.69	56161.82	56161.82031	56179.93761	56179.93750	505824.6	5409499.9
T9500.0	505823.9	5409499.8	75584.50000	445.34	0	48.838445	-86.920632	56159.09	56247.3	2.69	56161.78	56161.78125	56181.50354	56181.50391	505823.9	5409499.8
T9500.0	505823.0	5409499.7	75584.60156	443.26	0	48.838444	-86.920645	56159.04	56247.3	2.69	56161.73	56161.73047	56182.84815	56182.84766	505823.0	5409499.7
T9500.0	505823.0	5409499.7	75584.70313	445.28	0	48.838444	-86.920645	56158.82	56247.3	2.69	56161.51	56161.51172	56180.17384	56180.17578	505823.0	5409499.7
T9500.0	505822.1	5409499.6	75584.79688	444.62	0	48.838443	-86.920657	56158.68	56247.3	2.68	56161.37	56161.37109	56179.41426	56179.41406	505822.1	5409499.6
T9500.0	505820.9	5409499.4	75584.89844	444.81	0	48.838442	-86.920673	56158.90	56247.3	2.68	56161.58	56161.57813	56186.97776	56186.97656	505820.9	5409499.4
T9500.0	505820.1	5409499.3	75585.00000	434.59	0	48.838441	-86.920684	56158.73	56247.3	2.68	56161.41	56161.41016	56185.53785	56185.53906	505820.1	5409499.3
T9500.0	505819.2	5409499.2	75585.10156	437.00	0	48.838440	-86.920696	56158.72	56247.3	2.68	56161.40	56161.39844	56187.91123	56187.91016	505819.2	5409499.2
T9500.0	505819.2	5409499.2	75585.20313	436.21	0	48.838440	-86.920696	56158.56	56247.3	2.68	56161.24	56161.23828	56186.74004	56186.73828	505819.2	5409499.2
T9500.0	505818.1	5409499.0	75585.29688	438.56	0	48.838438	-86.920711	56158.49	56247.3	2.68	56161.17	56161.17188	56187.72050	56187.71875	505818.1	5409499.0
T9500.0	505816.9	5409498.9	75585.39844	437.72	0	48.838437	-86.920728	56158.66	56247.3	2.68	56161.34	56161.33984	56194.41274	56194.41406	505816.9	5409498.9
T9500.0	505816.1	5409498.8	75585.50000	448.72	0	48.838437	-86.920739	56158.44	56247.3	2.68	56161.12	56161.12109	56191.86368	56191.86328	505816.1	5409498.8
T9500.0	505816.1	5409498.8	75585.60156	445.33	0	48.838437	-86.920739	56158.09	56247.3	2.68	56160.77	56160.76953	56186.24422	56186.24609	505816.1	5409498.8
T9500.0	505814.9	5409498.7	75585.70313	444.15	0	48.838435	-86.920755	56157.85	56247.3	2.68	56160.53	56160.53125	56183.25057	56183.25000	505814.9	5409498.7
T9500.0	505813.9	5409498.6	75585.79688	446.30	0	48.838435	-86.920769	56157.98	56247.3	2.68	56160.66	56160.66016	56189.05362	56189.05469	505813.9	5409498.6
T9500.0	505813.9	5409498.6	75585.89844	447.22	0	48.838435	-86.920769	56157.96	56247.3	2.68	56160.64	56160.64063	56191.31107	56191.31250	505813.9	5409498.6
T9500.0	505812.3	5409498.5	75586.00000	446.07	0	48.838434	-86.920790	56157.56	56247.3	2.68	56160.24	56160.23828	56184.56371	56184.56250	505812.3	5409498.5
T9500.0	505812.3	5409498.5	75586.10156	434.44	0	48.838434	-86.920790	56157.59	56247.3	2.68	56160.27	56160.26953	56188.03655	56188.03516	505812.3	5409498.5
T9500.0	505811.1	5409498.4	75586.20313	436.32	0	48.838433	-86.920806	56157.53	56247.3	2.68	56160.20	56160.19922	56189.14991	56189.14844	505811.1	5409498.4
T9500.0	505810.3	5409498.4	75586.29688	448.87	0	48.838433	-86.920818	56157.48	56247.3	2.67	56160.15	56160.14844	56190.75174	56190.75000	505810.3	5409498.4
T9500.0	505809.1	5409498.3	75586.39844	449.05	0	48.838432	-86.920834	56156.99	56247.3	2.67	56159.66	56159.66016	56181.92375	56181.92188	505809.1	5409498.3
T9500.0	505807.6	5409498.3	75586.50000	447.06	0	48.838432	-86.920854	56156.57	56247.3	2.67	56159.24	56159.23828	56174.77045	56174.76953	505807.6	5409498.3
T9500.0	505806.6	5409498.3	75586.60156	446.98	0	48.838432	-86.920868	56156.28	56247.3	2.67	56158.95	56158.94922	56170.71566	56170.71484	505806.6	5409498.3
T9500.0	505806.6	5409498.3	75586.70313	445.60	0	48.838432	-86.920868	56156.54	56247.3	2.67	56159.21	56159.21094	56179.72772	56179.72656	505806.6	5409498.3
T9500.0	505805.4	5409498.3	75586.79688	446.89	0	48.838432	-86.920885	56156.31	56247.3	2.66	56158.97	56158.96875	56176.88476	56176.88281	505805.4	5409498.3
T9500.0	505805.4	5409498.3	75586.89844	447.10	0	48.838432	-86.920885	56156.42	56247.3	2.66	56159.08	56159.07813	56182.36106	56182.35938	505805.4	5409498.3
T9500.0	505803.8	5409498.3	75587.00000	446.82	0	48.838432	-86.920907	56155.68	56247.3	2.66	56158.34	56158.33984	56167.67449	56167.67578	505803.8	5409498.3
T9500.0	505802.3	5409498.3	75587.10156	435.34	0	48.838432	-86.920926	56156.29	56247.3	2.66	56158.96	56158.96094	56185.27870	56185.27734	505802.3	5409498.3
T9500.0	505801.4	5409498.3	75587.20313	433.96	0	48.838432	-86.920939	56155.34	56247.3	2.66	56158.01	56158.01172	56165.63027	56165.62891	505801.4	5409498.3
T9500.0	505801.4	5409498.3	75587.29688	432.12	0	48.838432	-86.920939	56154.92	56247.3	2.67	56157.59	56157.58984	56158.57198	56158.57031	505801.4	5409498.3
T9500.0	505799.8	5409498.4	75587.39844	431.25	0	48.838433	-86.920961	56154.70	56247.3	2.67	56157.36	56157.35938	56156.03361	56156.03516	505799.8	5409498.4
T9500.0	505799.8	5409498.4	75587.50000	431.46	0	48.838433	-86.920961	56154.41	56247.3	2.67	56157.08	56157.07813	56152.31840	56152.32031	505799.8	5409498.4
T9500.0	505798.8	5409498.4	75587.60156	431.92	0	48.838433	-86.920974	56154.21	56247.3	2.67	56156.89	56156.89063	56150.74882	56150.75000	505798.8	5409498.4
T9500.0	505797.5	5409498.5	75587.70313	431.23	0	48.838434	-86.920993	56153.93	56247.3	2.67	56156.61	56156.60938	56147.05218	56147.05078	505797.5	5409498.5
T9500.0	505797.5	5409498.5	75587.79688	433.99	0	48.838434	-86.920993	56153.75	56247.3	2.68	56156.43	56156.42969	56145.73767	56145.73828	505797.5	5409498.5
T9500.0	505796.0	5409498.5	75587.89844	437.36	0	48.838434	-86.921012	56153.56	56247.3	2.68	56156.23	56156.23047	56143.95665	56143.95703	505796.0	5409498.5
T9500.0	505796.0	5409498.5	75588.00000	440.22	0	48.838434	-86.921012	56153.08	56247.3	2.68	56155.76	56155.76172	56135.77498	56135.77344	505796.0	5409498.5
T9500.0	505793.5	5409498.6	75588.10156	437.48	0	48.838435	-86.921047	56152.99	56247.3	2.68	56155.67	56155.67188	56136.61981	56136.62109	505793.5	5409498.6
T9500.0	505793.5	5409498.6	75588.20313	438.41	0	48.838435	-86.921047	56152.63	56247.3	2.67	56155.30	56155.30078	56130.82568	56130.82422	505793.5	5409498.6
T9500.0	505792.1	5409498.7	75588.29688	441.22	0	48.838435	-86.921065	56152.71	56247.3	2.67	56155.39	56155.39063	56135.95587	56135.95703	505792.1	5409498.7
T9500.0	505790.8	5409498.7	75588.39844	440.72	0	48.838436	-86.921084	56152.55	56247.3	2.67	56155.21	56155.21094	56134.68344	56134.68359	505790.8	5409498.7
T9500.0	505790.8	5409498.7	75588.50000	440.00	0	48.838436	-86.921084	56152.39	56247.3	2.67	56155.06	56155.05859	56134.12834	56134.12891	505790.8	5409498.7
T9500.0	505789.1	5409498.7	75588.60156	438.89	0	48.838436	-86.921106	56152.37	56247.3	2.66	56155.03	56155.03125	56136.42617	56136.42578	505789.1	5409498.7
T9500.0	505788.1	5409498.8	75588.70313	437.89	0	48.838436	-86.921120	56152.13	56247.3	2.66	56154.79	56154.78906	56133.74389	56133.74219	505788.1	5409498.8
T9500.0	505788.1	5409498.8	75588.79688	436.79	0	48.838436	-86.921120	56151.71	56247.3	2.66	56154.36	56154.35938	56126.55567	56126.55469	505788.1	5409498.8
T9500.0	505786.7	5409498.8	75588.89844	432.91	0	48.838436	-86.921139	56151.78	56247.3	2.65	56154.43	56154.42969	56131.23797	56131.23828	505786.7	5409498.8
T9500.0	505785.6	5409498.8	75589.00000	431.20	0	48.838437	-86.921154	56151.51	56247.3	2.65	56154.16	56154.16016	56127.85296	56127.85156	505785.6	5409498.8
T9500.0	505785.6	5409498.8	75589.10156	429.85	0	48.838437	-86.921154	56151.28	56247.3	2.65	56153.93	56153.92969	56125.41932	56125.41797	505785.6	5409498.8
T9500.0	505784.2	5409498.8	75589.20313	429.86	0	48.838437	-86.921174	56151.28	56247.3	2.65	56153.93	56153.92969	56128.44607	56128.44531	505784.2	5409498.8
T9500.0	505783.0	5409498.8	75589.29688	430.37	0	48.838437	-86.921189	56150.97	56247.3	2.65	56153.63	56153.62891	56124.35315	56124.35156	505783.0	5409498.8
T9500.0	505781.7	5409498.8	75589.39844	432.08	0	48.838437	-86.921208	56150.75	56247.3	2.65	56153.41	56153.41016	56122.15921	56122.16016	505781.7	5409498.8
T9500.0	505781.7	5409498.8	75589.50000	431.86	0	48.838437	-86.921208	56150.67	56247.3	2.65	56153.32	56153.32031	56123.05037	56123.05078	505781.7	5409498.8
T9500.0	505780.5	5409498.8	75589.60156	433.61	0	48.838437	-86.921223	56150.77	56247.3	2.66	56153.43	56153.42969	56128.68746	56128.68750	505780.5	5409498.8
T9500.0	505780.5	5409498.8	75589.60156	433.61	0	48.838437	-86.921223	56150.74	56247.3	2.66	56153.40	56153.39844	56131.00000	56131.00000	505780.5	5409498.8
T9500.0	505779.2	5409498.8	75589.79688	430.18	0	48.838437	-86.921242	56150.78	56247.3	2.66	56153.44	56153.44141	56134.97168	56134.97266	505779.2	5409498.8
T9500.0	505778.2	5409498.8	75589.89844	430.18	0	48.838436	-86.921255	56150.46	56247.3	2.66	56153.12	56153.12109	56130.39589	56130.39453	505778.2	5409498.8
T9500.0	505776.7	5409498.7	75590.00000	433.15	0	48.838436	-86.921276	56150.62	56247.3	2.66	56153.28	56153.28125	56137.20925	56137.21094	505776.7	5409498.7
T9500.0	505775.4	5409498.7	75590.10156	434.50	0	48.838436	-86.921293	56150.63	56247.3	2.66	56153.29	56153.28906	56140.45816	56140.45703	505775.4	5409498.7
T9500.0	505775.4	5409498.7	75590.20313	433.22	0	48.838436	-86.921293	56150.24	56247.3	2.66	56152.90	56152.89844	56134.20826	56134.20703	505775.4	5409498.7
T9500.0	505774.2	5409498.7	75590.29688	433.65	0	48.838435	-86.921309	56150.35	56247.3	2.66	56153.01	56153.01172	56139.82024	56139.82031	505774.2	5409498.7

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
T9500.0	505773.0	5409498.6	75590.39844	432.43	0	48.838435	-86.921326	56150.24	56247.3	2.66	56152.90	56152.89844	56140.20437	56140.20313	505773.0	5409498.6
T9500.0	505771.5	5409498.6	75590.50000	436.27	0	48.838435	-86.921347	56150.21	56247.3	2.67	56152.88	56152.87891	56142.71779	56142.71875	505771.5	5409498.6
T9500.0	505771.5	5409498.6	75590.60156	434.65	0	48.838435	-86.921347	56149.82	56247.3	2.67	56152.49	56152.48828	56136.44180	56136.44141	505771.5	5409498.6
T9500.0	505770.3	5409498.5	75590.70313	432.77	0	48.838434	-86.921363	56149.54	56247.3	2.67	56152.21	56152.21094	56132.76846	56132.76953	505770.3	5409498.5
T9500.0	505769.0	5409498.5	75590.79688	433.03	0	48.838434	-86.921380	56149.47	56247.3	2.67	56152.14	56152.14063	56134.07058	56134.07031	505769.0	5409498.5
T9500.0	505769.0	5409498.5	75590.89844	432.70	0	48.838434	-86.921380	56149.56	56247.3	2.67	56152.23	56152.23047	56139.16075	56139.16016	505769.0	5409498.5
T9500.0	505767.9	5409498.4	75591.00000	430.66	0	48.838434	-86.921396	56149.59	56247.3	2.67	56152.26	56152.26172	56142.81664	56142.81641	505767.9	5409498.4
T9500.0	505766.4	5409498.4	75591.10156	431.97	0	48.838433	-86.921416	56149.53	56247.3	2.67	56152.20	56152.19922	56144.32553	56144.32422	505766.4	5409498.4
T9500.0	505766.4	5409498.4	75591.20313	433.63	0	48.838433	-86.921416	56149.41	56247.3	2.67	56152.08	56152.07813	56144.39880	56144.39844	505766.4	5409498.4
T9500.0	505764.9	5409498.4	75591.29688	443.11	0	48.838433	-86.921436	56149.38	56247.3	2.67	56152.06	56152.05859	56146.83336	56146.83203	505764.9	5409498.4
T9500.0	505763.3	5409498.3	75591.39844	441.26	0	48.838432	-86.921458	56149.38	56247.3	2.67	56152.06	56152.05859	56149.72975	56149.73047	505763.3	5409498.3
T9500.0	505762.3	5409498.3	75591.50000	444.72	0	48.838432	-86.921472	56149.07	56247.3	2.68	56151.74	56151.73828	56145.01748	56145.01563	505762.3	5409498.3
T9500.0	505762.3	5409498.3	75591.60156	443.54	0	48.838432	-86.921472	56149.06	56247.3	2.68	56151.73	56151.73047	56147.64881	56147.64844	505762.3	5409498.3
T9500.0	505761.0	5409498.2	75591.70313	434.18	0	48.838432	-86.921490	56148.98	56247.3	2.68	56151.65	56151.64844	56148.60388	56148.60547	505761.0	5409498.2
T9500.0	505759.5	5409498.2	75591.79688	435.19	0	48.838432	-86.921510	56149.00	56247.3	2.68	56151.68	56151.67969	56152.15428	56152.15234	505759.5	5409498.2
T9500.0	505759.5	5409498.2	75591.89844	443.86	0	48.838432	-86.921510	56148.68	56247.3	2.68	56151.36	56151.35938	56147.38136	56147.38281	505759.5	5409498.2
T9500.0	505757.9	5409498.2	75592.00000	446.82	0	48.838431	-86.921532	56148.37	56247.3	2.68	56151.05	56151.05078	56142.82901	56142.82813	505757.9	5409498.2
T9500.0	505756.5	5409498.2	75592.10156	436.91	0	48.838431	-86.921551	56148.65	56247.3	2.68	56151.33	56151.32813	56152.26281	56152.26172	505756.5	5409498.2
T9500.0	505756.5	5409498.2	75592.20313	437.28	0	48.838431	-86.921551	56148.47	56247.3	2.68	56151.15	56151.14844	56150.76055	56150.76172	505756.5	5409498.2
T9500.0	505755.3	5409498.1	75592.29688	445.68	0	48.838431	-86.921568	56148.72	56247.3	2.68	56151.41	56151.41016	56159.68297	56159.68359	505755.3	5409498.1
T9500.0	505753.6	5409498.1	75592.39844	444.47	0	48.838431	-86.921591	56148.63	56247.3	2.68	56151.31	56151.30859	56160.04158	56160.04297	505753.6	5409498.1
T9500.0	505753.6	5409498.1	75592.50000	444.07	0	48.838431	-86.921591	56148.09	56247.3	2.68	56150.77	56150.76953	56149.93700	56149.93750	505753.6	5409498.1
T9500.0	505751.1	5409498.1	75592.60156	442.71	0	48.838431	-86.921625	56147.96	56247.3	2.69	56150.65	56150.64844	56149.78059	56149.78125	505751.1	5409498.1
T9500.0	505751.1	5409498.1	75592.70313	444.39	0	48.838431	-86.921625	56147.49	56247.3	2.69	56150.18	56150.17969	56141.29596	56141.29688	505751.1	5409498.1
T9500.0	505749.6	5409498.1	75592.79688	444.70	0	48.838431	-86.921645	56147.78	56247.3	2.69	56150.47	56150.46875	56150.82818	56150.82813	505749.6	5409498.1
T9500.0	505749.6	5409498.1	75592.89844	445.46	0	48.838431	-86.921645	56147.52	56247.3	2.69	56150.21	56150.21094	56147.28408	56147.28516	505749.6	5409498.1
T9500.0	505748.3	5409498.1	75593.00000	445.88	0	48.838431	-86.921662	56147.40	56247.3	2.69	56150.09	56150.08984	56147.04014	56147.03906	505748.3	5409498.1
T9500.0	505747.1	5409498.2	75593.10156	446.69	0	48.838431	-86.921678	56147.48	56247.3	2.69	56150.17	56150.17188	56151.51990	56151.51953	505747.1	5409498.2
T9500.0	505745.9	5409498.2	75593.20313	447.16	0	48.838431	-86.921696	56147.39	56247.3	2.69	56150.07	56150.07031	56151.70362	56151.70313	505745.9	5409498.2
T9500.0	505745.9	5409498.2	75593.29688	446.76	0	48.838431	-86.921696	56147.43	56247.3	2.68	56150.11	56150.10938	56155.18594	56155.18750	505745.9	5409498.2
T9500.0	505744.5	5409498.2	75593.39844	446.79	0	48.838432	-86.921715	56147.11	56247.3	2.68	56149.79	56149.78906	56150.09893	56150.09766	505744.5	5409498.2
T9500.0	505743.0	5409498.2	75593.50000	443.89	0	48.838432	-86.921735	56146.85	56247.3	2.68	56149.53	56149.53125	56146.41075	56146.41016	505743.0	5409498.2
T9500.0	505741.8	5409498.3	75593.60156	444.77	0	48.838432	-86.921751	56146.83	56247.3	2.68	56149.51	56149.51172	56148.39321	56148.39453	505741.8	5409498.3
T9500.0	505741.8	5409498.3	75593.70313	444.61	0	48.838432	-86.921751	56146.68	56247.3	2.68	56149.36	56149.35938	56147.26396	56147.26563	505741.8	5409498.3
T9500.0	505740.4	5409498.3	75593.79688	448.14	0	48.838433	-86.921770	56146.87	56247.3	2.67	56149.54	56149.53906	56153.94061	56153.94141	505740.4	5409498.3
T9500.0	505740.4	5409498.3	75593.89844	434.27	0	48.838433	-86.921770	56146.66	56247.3	2.67	56149.33	56149.32813	56151.33366	56151.33203	505740.4	5409498.3
T9500.0	505739.2	5409498.3	75594.00000	434.99	0	48.838433	-86.921787	56146.40	56247.3	2.67	56149.07	56149.07031	56147.51254	56147.51172	505739.2	5409498.3
T9500.0	505737.8	5409498.4	75594.10156	442.35	0	48.838433	-86.921806	56146.25	56247.3	2.67	56148.92	56148.92188	56146.27447	56146.27344	505737.8	5409498.4
T9500.0	505737.8	5409498.4	75594.20313	442.25	0	48.838433	-86.921806	56146.04	56247.3	2.67	56148.71	56148.71094	56143.58415	56143.58594	505737.8	5409498.4
T9500.0	505736.6	5409498.4	75594.29688	443.76	0	48.838434	-86.921822	56146.09	56247.3	2.67	56148.76	56148.76172	56147.03639	56147.03516	505736.6	5409498.4
T9500.0	505735.2	5409498.5	75594.39844	443.77	0	48.838434	-86.921841	56146.25	56247.3	2.67	56148.92	56148.92188	56153.07064	56153.07031	505735.2	5409498.5
T9500.0	505733.8	5409498.5	75594.50000	444.84	0	48.838435	-86.921860	56145.87	56247.3	2.67	56148.54	56148.53906	56146.25896	56146.25781	505733.8	5409498.5
T9500.0	505733.8	5409498.5	75594.60156	447.12	0	48.838435	-86.921860	56146.17	56247.3	2.67	56148.84	56148.83984	56155.55757	56155.55859	505733.8	5409498.5
T9500.0	505732.7	5409498.6	75594.70313	447.66	0	48.838435	-86.921875	56146.12	56247.3	2.67	56148.79	56148.78906	56156.51933	56156.51953	505732.7	5409498.6
T9500.0	505731.8	5409498.6	75594.79688	435.26	0	48.838435	-86.921888	56145.82	56247.3	2.67	56148.49	56148.48828	56151.51748	56151.51563	505731.8	5409498.6
T9500.0	505730.5	5409498.7	75594.89844	435.49	0	48.838436	-86.921905	56145.59	56247.3	2.67	56148.26	56148.26172	56148.14695	56148.14844	505730.5	5409498.7
T9500.0	505730.5	5409498.7	75595.00000	447.59	0	48.838436	-86.921905	56145.34	56247.3	2.67	56148.01	56148.01172	56144.27141	56144.26953	505730.5	5409498.7
T9500.0	505729.0	5409498.7	75595.10156	448.00	0	48.838437	-86.921926	56145.08	56247.3	2.67	56147.75	56147.75000	56140.12803	56140.12891	505729.0	5409498.7
T9500.0	505727.6	5409498.8	75595.20313	446.42	0	48.838437	-86.921945	56145.02	56247.3	2.67	56147.69	56147.69141	56140.70098	56140.69922	505727.6	5409498.8
T9500.0	505726.5	5409498.8	75595.29688	446.69	0	48.838438	-86.921959	56144.88	56247.3	2.67	56147.55	56147.55078	56139.34438	56139.34375	505726.5	5409498.8
T9500.0	505726.5	5409498.8	75595.39844	445.21	0	48.838438	-86.921959	56144.60	56247.3	2.67	56147.27	56147.26953	56134.63404	56134.63281	505726.5	5409498.8
T9500.0	505725.3	5409498.9	75595.50000	445.86	0	48.838438	-86.921976	56144.58	56247.3	2.68	56147.25	56147.25000	56136.06380	56136.06250	505725.3	5409498.9
T9500.0	505725.3	5409498.9	75595.60156	446.55	0	48.838438	-86.921976	56144.52	56247.3	2.68	56147.20	56147.19922	56136.75051	56136.75000	505725.3	5409498.9
T9500.0	505724.2	5409499.0	75595.70313	446.44	0	48.838439	-86.921991	56144.38	56247.3	2.68	56147.06	56147.05859	56135.27006	56135.26953	505724.2	5409499.0
T9500.0	505722.7	5409499.0	75595.79688	447.27	0	48.838439	-86.922011	56144.24	56247.3	2.68	56146.92	56146.92188	56133.75855	56133.75781	505722.7	5409499.0
T9500.0	505721.9	5409499.1	75595.89844	446.58	0	48.838440	-86.922023	56144.20	56247.3	2.68	56146.88	56146.87891	56134.58950	56134.58984	505721.9	5409499.1
T9500.0	505720.9	5409499.1	75596.00000	445.66	0	48.838440	-86.922036	56143.66	56247.3	2.68	56146.34	56146.33984	56123.52204	56123.52344	505720.9	5409499.1
T9500.0	505719.9	5409499.2	75596.10156	445.14	0	48.838441	-86.922050	56143.79	56247.3	2.68	56146.47	56146.46875	56128.32600	56128.32422	505719.9	5409499.2
T9500.0	505719.9	5409499.2	75596.20313	444.32	0	48.838441	-86.922050	56143.72	56247.3	2.68	56146.40	56146.39844	56128.35215	56128.35156	505719.9	5409499.2
T9500.0	505718.9	5409499.2	75596.29688	442.30	0	48.838441	-86.922063	56143.77	56247.3	2.68	56146.45	56146.44922	56131.19577	56131.19531	505718.9	5409499.2
T9500.0	505718.9	5409499.2	75596.39844	442.49	0	48.838441	-86.922063	56143.66	56247.3	2.68	56146.34	56146.33984	56130.21125	56130.21094	505718.9	5409499.2
T9500.0	505717.5	5409499.3	75596.50000	442.96	0	48.838442	-86.922082	56143.36	56247.3	2.68	56146.05	56146.05078	56124.92404	56124.92578	505717.5	5409499.3
T9500.0	505716.6	5409499.3	75596.60156	441.86	0	48.838442	-86.922094	56143.52	56247.3	2.69	56146.20	56146.19922	56130.04994	56130.05078	505716.6	5409499.3
T9500.0	505715.8	5409499.4	75596.70313	446.23	0	48.838442	-86.922105	56143.29	56247.3	2.69	56145.97	56145.96875	56126.12660	56126.12500	505715.8	5409499.4
T9500.0	505715.8	5409499.4	75596.79688	447.03	0	48.838442	-86.922105	56143.34	56247.3	2.69	56146.03	56146.03125	56129.05660	56129.05469	505715.8	5409499.4
T9500.0	505714.8	5409499.4	75596.89844	446.11	0	48.838442	-86.922119	56143.32	56247.3	2.69	56146.01	56146.01172	56130.05831	56130.05859	505714.8	5409499.4
T9500.0	505714.0	5409499.4	75597.00000	445.67	0	48.838443	-86.922130	56142.86	56247.3	2.69	56145.55	56145.55078	56120.58750	56120.58594	505714.0	5409499.4
T9500.0	505714.0	5409499.4	75597.10156	443.26	0	48.838443	-86.922130	56143.06	56247.3	2.69	56145.75	56145.75000	56126.75279	56126.75391	505714.0	5409499.4
T9500.0	505712.9	5409499.4	75597.20313	441.90	0	48.838443	-86.922145	56142.90	56247.3	2.69	56145.59	56145.58984	56124.34500	56124.34375	505712.9	5409499.4
T9500.0	505712.1	5409499.4	75597.29688	436.20	0	48.838443	-86.922156	56143.26	56247.3	2.69	56145.95	56145.94922	56134.25114	56134.25000	505712.1	5409499.4
T9500.0	505711.2	5409499.4	75597.39844	436.68	0	48.838443	-86.922168	56143.36	56247.3	2.69	56146.06	56146.05859	56138.19579	56138.19531	505711.2	5409499.4
T9500.0	505710.2	5409499.4	75597.50000	441.69	0	48.838443	-86.922182	56143.04	56247.3	2.69	56145.73	56145.73047	56131.66973	56131.66797	505710.2	5409499.4
T9500.0	505710.2	5409499.4	75597.60156	442.04	0	48.838443	-86.922182	56143.06	56247.3	2.70	56145.75	56145.75000	56133.42393	56133.42578	505710.2	5409499.4
T9500.0	505709.6	5409499.4	75597.70313	440.78	0	48.838443	-86.922191	56142.78	56247.3	2.70	56145.47	56145.46875	56128.03121	56128.03125	505709.6	5409499.4
T9500.0	505708.7	5409499.4	75597.79688	442.49	0	48.838443	-86.922202	56142.83	56247.3	2.70	56145.53	56145.53125	56130.68234	56130.68359	505708.7	5409499.4
T9500.0	505708.0	5409499.4	75597.89844	437.22	0	48.838443	-86.922212	56142.73	56247.3	2.70	56145.43	56145.42969	56129.51043	56129.51172	505708.0	5409499.4
T9500.0	505708.0	5409499.4	75598.00000	439.43	0	48.838443	-86.922212	56142.13	56247.3	2.70	56144.83	56144.82813	56116.44615	56116.44531	505708.0	5409499.4
T9500.0	505707.1	5409499.4	75598.10156	440.97	0	48.838442	-86.922224	56142.40	56247.3	2.70	56145.10	56145.10156	56124.00680	56124.00781	505707.1	5409499.4
T9500.0	505706.2	5409499.4	75598.20313	441.92	0	48.838442	-86.922236	56142.25	56247.3	2.70	56144.95	56144.94922	56121.57500	56121.57422	505706.2	5409499.4
T9500.0	505705.5	5409499.3	75598.29688	440.83	0	48.838442	-86.922246	56141.99	56247.3	2.71	56144.70	56144.69922	56116.74651	56116.74609	505705.5	5409499.3
T9500.0	505705.5	5409499.3	75598.39844	442.43	0	48.838442	-86.922246	56141.93	56247.3	2.71	56144.63	56144.62891	56116.16769	56116.16797	505705.5	5409499.3
T9500.0	505704.8	5409499.3	75598.50000	443.31	0	48.838442	-86.922255	56141.84	56247.3	2.71	56144.55	56144.55078	56115.32959	56115.32813	505704.8	5409499.3
T9500.0	505704.0	5409499.3	75598.60156	444.02	0	48.838442	-86.922266	56141.71	56247.3	2.71	56144.43	56144.42969	56113.52080	56113.51953	505704.0	5409499.3
T9500.0	505704.0	5409499.3	75598.70313	442.98	0	48.838442	-86.922266	56141.72	56247.3	2.71	56144.44	56144.44141	56114.77694	56114.77734	505704.0	5409499.3
T9500.0	505703.0	5409499.3	75598.79688	442.61	0	48.838442	-86.922280	56141.69	56247.3	2.72	56144.40	56144.39844	56114.82643	56114.82813	505703.0	5409499.3
T9500.0	505703.0	5409499.3	75598.89844	443.09	0	48.838442	-86.922280	56141.85	56247.3	2.72	56144.57	56144.57031	56119.84107	56119.83984	505703.0	5409499.3
T9500.0	505702.4	5409499.3	75599.00000	444.40	0	48.838442	-86.922289	56141.96	56247.3	2.72	56144.68	56144.67969	56123.41317	56123.41406	505702.4	5409499.3
T9500.0	505701.5	5409499.3	75599.10156	443.53	0	48.838442	-86.922300	56142.27	56247.3	2.72	56144.99	56144.98828	56131.71456	56131.71484	505701.5	5409499.3
T9500.0	505701.5	5409499.3	75599.20313	443.71	0	48.838442	-86.922300	56142.14	56247.3	2.72	56144.86	56144.85938	56129.55572	56129.55469	505701.5	5409499.3
T9500.0	505700.9	5409499.3	75599.29688	443.79	0	48.838442	-86.922309	56142.11	56247.3	2.71	56144.82	56144.82031	56129.51690	56129.51563	505700.9	5409499.3
T9500.0	505700.9	5409499.3	75599.39844	443.79	0	48.838442	-86.922309	56142.02	56247.3	2.71	56144.73	56144.73047	56128.27603	56128.27734	505700.9	5409499.3
T9500.0	505700.1	5409499.3	75599.50000	442.12	0	48.838442	-86.922320	56142.12	56247.3	2.71	56144.83	56144.82813	56131.53030	56131.53125	505700.1	5409499.3
T9500.0	505699.4	5409499.3	75599.60156	441.10	0	48.838442	-86.922329	56142.03	56247.3	2.71	56144.74	56144.73828	56130.26132	56130.26172	505699.4	5409499.3

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
T9500.0	505698.9	5409499.3	75599.70313	441.51	0	48.838441	-86.922336	56141.99	56247.3	2.71	56144.70	56144.69922	56130.16628	56130.16797	505698.9	5409499.3
T9500.0	505698.3	5409499.2	75599.79688	439.44	0	48.838441	-86.922344	56141.76	56247.3	2.70	56144.47	56144.46875	56125.54971	56125.55078	505698.3	5409499.2
T9500.0	505698.3	5409499.2	75599.89844	441.06	0	48.838441	-86.922344	56141.93	56247.3	2.70	56144.63	56144.62891	56130.17868	56130.17969	505698.3	5409499.2
T9500.0	505697.5	5409499.2	75600.00000	440.47	0	48.838441	-86.922355	56142.30	56247.3	2.70	56145.00	56145.00000	56139.78182	56139.78125	505697.5	5409499.2
T9500.0	505697.0	5409499.2	75600.10156	441.13	0	48.838441	-86.922362	56142.25	56247.3	2.70	56144.95	56144.94922	56139.40709	56139.40625	505697.0	5409499.2
T9500.0	505697.0	5409499.2	75600.20313	440.39	0	48.838441	-86.922362	56142.45	56247.3	2.70	56145.14	56145.14063	56144.72038	56144.71875	505697.0	5409499.2
T9500.0	505696.6	5409499.2	75600.29688	442.08	0	48.838441	-86.922368	56142.11	56247.3	2.70	56144.81	56144.80859	56137.68415	56137.68359	505696.6	5409499.2
T9500.0	505695.9	5409499.1	75600.39844	443.33	0	48.838441	-86.922376	56142.02	56247.3	2.70	56144.72	56144.71875	56136.33781	56136.33594	505695.9	5409499.1
T9500.0	505695.3	5409499.1	75600.50000	444.74	0	48.838440	-86.922384	56142.04	56247.3	2.70	56144.74	56144.73828	56137.59676	56137.59766	505695.3	5409499.1
T9500.0	505695.3	5409499.1	75600.60156	443.93	0	48.838440	-86.922384	56142.00	56247.3	2.70	56144.70	56144.69922	56137.42705	56137.42578	505695.3	5409499.1
T9500.0	505694.9	5409499.1	75600.70313	443.59	0	48.838440	-86.922390	56142.07	56247.3	2.70	56144.77	56144.76953	56139.86454	56139.86328	505694.9	5409499.1
T9500.0	505694.9	5409499.1	75600.79688	444.76	0	48.838440	-86.922390	56142.09	56247.3	2.70	56144.79	56144.78906	56141.11263	56141.11328	505694.9	5409499.1
T9500.0	505694.3	5409499.1	75600.89844	444.08	0	48.838440	-86.922399	56141.99	56247.3	2.70	56144.69	56144.69141	56139.51084	56139.51172	505694.3	5409499.1
T9500.0	505693.9	5409499.1	75601.00000	442.72	0	48.838441	-86.922404	56141.68	56247.3	2.70	56144.38	56144.37891	56132.92401	56132.92578	505693.9	5409499.1
T9500.0	505693.2	5409499.2	75601.10156	443.11	0	48.838441	-86.922413	56141.69	56247.3	2.70	56144.39	56144.39063	56133.93257	56133.93359	505693.2	5409499.2
T9500.0	505692.7	5409499.2	75601.20313	441.46	0	48.838441	-86.922420	56141.52	56247.3	2.70	56144.22	56144.21875	56130.67010	56130.67188	505692.7	5409499.2
T9500.0	505692.4	5409499.2	75601.29688	442.08	0	48.838441	-86.922425	56141.06	56247.3	2.70	56143.75	56143.75000	56120.28939	56120.28906	505692.4	5409499.2
T9500.0	505692.4	5409499.2	75601.39844	441.59	0	48.838441	-86.922425	56141.04	56247.3	2.70	56143.74	56143.73828	56120.82989	56120.82813	505692.4	5409499.2
T9500.0	505691.9	5409499.3	75601.50000	442.91	0	48.838442	-86.922431	56140.91	56247.3	2.70	56143.61	56143.60938	56118.52639	56118.52734	505691.9	5409499.3
T9500.0	505691.4	5409499.3	75601.60156	444.23	0	48.838442	-86.922438	56141.26	56247.3	2.70	56143.96	56143.96094	56127.62076	56127.62109	505691.4	5409499.3
T9500.0	505691.4	5409499.3	75601.70313	443.88	0	48.838442	-86.922438	56141.29	56247.3	2.70	56143.99	56143.98828	56129.12612	56129.12500	505691.4	5409499.3
T9500.0	505690.9	5409499.3	75601.79688	446.28	0	48.838442	-86.922445	56141.41	56247.3	2.70	56144.11	56144.10938	56132.77473	56132.77344	505690.9	5409499.3
T9500.0	505690.5	5409499.4	75601.89844	444.52	0	48.838443	-86.922451	56141.46	56247.3	2.70	56144.16	56144.16016	56134.76999	56134.76953	505690.5	5409499.4
T9500.0	505689.9	5409499.4	75602.00000	442.99	0	48.838443	-86.922458	56141.43	56247.3	2.70	56144.13	56144.12891	56134.87551	56134.87500	505689.9	5409499.4
T9500.0	505689.9	5409499.4	75602.10156	445.97	0	48.838443	-86.922458	56141.37	56247.3	2.70	56144.07	56144.07031	56134.27902	56134.27734	505689.9	5409499.4
T9500.0	505689.5	5409499.4	75602.20313	448.12	0	48.838443	-86.922463	56141.04	56247.3	2.71	56143.74	56143.73828	56127.28510	56127.28516	505689.5	5409499.4
T9500.0	505689.1	5409499.4	75602.29688	448.35	0	48.838443	-86.922470	56140.72	56247.3	2.71	56143.43	56143.42969	56120.77782	56120.77734	505689.1	5409499.4
T9500.0	505688.8	5409499.4	75602.39844	435.50	0	48.838443	-86.922474	56140.71	56247.3	2.71	56143.42	56143.42188	56121.40388	56121.40234	505688.8	5409499.4
T9500.0	505688.8	5409499.4	75602.50000	434.21	0	48.838443	-86.922474	56140.88	56247.3	2.72	56143.60	56143.60156	56126.55338	56126.55469	505688.8	5409499.4
T9500.0	505688.4	5409499.3	75602.60156	446.76	0	48.838442	-86.922479	56141.02	56247.3	2.72	56143.73	56143.73047	56130.53089	56130.53125	505688.4	5409499.3
T9500.0	505688.0	5409499.3	75602.70313	446.04	0	48.838442	-86.922485	56141.23	56247.3	2.72	56143.95	56143.94922	56136.66022	56136.66016	505688.0	5409499.3
T9500.0	505687.7	5409499.3	75602.79688	445.38	0	48.838442	-86.922488	56140.91	56247.3	2.72	56143.63	56143.62891	56129.98932	56129.98828	505687.7	5409499.3
T9500.0	505687.7	5409499.3	75602.89844	446.48	0	48.838442	-86.922488	56140.63	56247.3	2.73	56143.36	56143.35938	56124.52265	56124.52344	505687.7	5409499.3
T9500.0	505687.3	5409499.2	75603.00000	444.47	0	48.838441	-86.922493	56140.95	56247.3	2.73	56143.68	56143.67969	56133.07790	56133.07813	505687.3	5409499.2
T9500.0	505687.1	5409499.2	75603.10156	441.24	0	48.838441	-86.922497	56141.42	56247.3	2.73	56144.15	56144.14844	56145.21263	56145.21094	505687.1	5409499.2
T9500.0	505687.1	5409499.2	75603.20313	442.15	0	48.838441	-86.922497	56141.48	56247.3	2.73	56144.21	56144.21094	56147.63619	56147.63672	505687.1	5409499.2
T9500.0	505686.8	5409499.2	75603.29688	442.72	0	48.838441	-86.922501	56141.12	56247.3	2.73	56143.85	56143.85156	56140.11208	56140.11328	505686.8	5409499.2
T9500.0	505686.6	5409499.2	75603.39844	442.43	0	48.838441	-86.922503	56141.34	56247.3	2.73	56144.08	56144.07813	56146.61331	56146.61328	505686.6	5409499.2
T9500.0	505686.6	5409499.2	75603.50000	442.14	0	48.838441	-86.922503	56141.51	56247.3	2.74	56144.25	56144.25000	56151.71306	56151.71484	505686.6	5409499.2
T9500.0	505686.5	5409499.1	75603.60156	441.38	0	48.838441	-86.922505	56141.84	56247.3	2.74	56144.58	56144.57813	56160.63380	56160.63281	505686.5	5409499.1
T9500.0	505686.4	5409499.1	75603.70313	442.09	0	48.838441	-86.922507	56141.80	56247.3	2.74	56144.53	56144.53125	56160.55950	56160.55859	505686.4	5409499.1
T9500.0	505686.3	5409499.1	75603.79688	445.30	0	48.838441	-86.922508	56141.69	56247.3	2.74	56144.43	56144.42969	56159.32342	56159.32422	505686.3	5409499.1
T9500.0	505686.3	5409499.1	75603.89844	445.32	0	48.838441	-86.922508	56141.62	56247.3	2.74	56144.36	56144.35938	56158.82510	56158.82422	505686.3	5409499.1
T9500.0	505686.1	5409499.1	75604.00000	445.11	0	48.838441	-86.922510	56141.54	56247.3	2.74	56144.28	56144.28125	56158.11588	56158.11719	505686.1	5409499.1
T9500.0	505686.1	5409499.1	75604.10156	445.37	0	48.838441	-86.922510	56141.86	56247.3	2.74	56144.60	56144.60156	56166.92774	56166.92969	505686.1	5409499.1
T9500.0	505686.0	5409499.1	75604.20313	448.50	0	48.838441	-86.922511	56141.80	56247.3	2.74	56144.54	56144.53906	56166.74823	56166.75000	505686.0	5409499.1
T9500.0	505685.9	5409499.2	75604.29688	447.09	0	48.838441	-86.922513	56141.84	56247.3	2.74	56144.58	56144.57813	56168.97071	56168.97266	505685.9	5409499.2
T9500.0	505685.8	5409499.2	75604.39844	445.42	0	48.838441	-86.922514	56141.42	56247.3	2.74	56144.16	56144.16016	56160.30435	56160.30469	505685.8	5409499.2
T9500.0	505685.8	5409499.2	75604.50000	442.11	0	48.838441	-86.922514	56141.46	56247.3	2.74	56144.20	56144.19922	56162.58582	56162.58594	505685.8	5409499.2
T9500.0	505685.7	5409499.2	75604.60156	442.09	0	48.838441	-86.922516	56141.27	56247.3	2.74	56144.01	56144.01172	56159.43869	56159.43750	505685.7	5409499.2
T9500.0	505685.6	5409499.2	75604.70313	442.68	0	48.838441	-86.922517	56141.16	56247.3	2.74	56143.90	56143.89844	56158.22134	56158.22266	505685.6	5409499.2
T9500.0	505685.6	5409499.2	75604.79688	441.23	0	48.838441	-86.922517	56141.39	56247.3	2.74	56144.13	56144.12891	56165.10540	56165.10547	505685.6	5409499.2
T9500.0	505685.5	5409499.2	75604.89844	442.22	0	48.838441	-86.922518	56141.59	56247.3	2.74	56144.33	56144.32813	56171.30952	56171.30859	505685.5	5409499.2
T9500.0	505685.5	5409499.2	75605.00000	440.85	0	48.838441	-86.922519	56141.62	56247.3	2.74	56144.36	56144.35938	56173.51134	56173.51172	505685.5	5409499.2
T9500.0	505685.4	5409499.2	75605.10156	443.23	0	48.838441	-86.922520	56141.28	56247.3	2.74	56144.02	56144.01953	56166.96439	56166.96484	505685.4	5409499.2
T9500.0	505685.4	5409499.2	75605.20313	444.14	0	48.838441	-86.922520	56141.52	56247.3	2.74	56144.26	56144.26172	56174.21723	56174.21875	505685.4	5409499.2
T9500.0	505685.3	5409499.2	75605.29688	443.27	0	48.838441	-86.922521	56141.76	56247.3	2.74	56144.51	56144.51172	56181.74145	56181.74219	505685.3	5409499.2
T9500.0	505685.3	5409499.2	75605.39844	441.15	0	48.838441	-86.922522	56141.88	56247.3	2.74	56144.62	56144.62109	56185.97724	56185.97656	505685.3	5409499.2
T9500.0	505685.2	5409499.2	75605.50000	442.09	0	48.838441	-86.922523	56141.23	56247.3	2.74	56143.97	56143.96875	56172.20942	56172.21094	505685.2	5409499.2
T9500.0	505685.2	5409499.2	75605.60156	432.95	0	48.838441	-86.922523	56140.86	56247.3	2.75	56143.60	56143.60156	56165.12257	56165.12109	505685.2	5409499.2
T9500.0	505685.1	5409499.2	75605.70313	434.11	0	48.838441	-86.922523	56140.96	56247.3	2.75	56143.70	56143.69922	56169.22665	56169.22656	505685.1	5409499.2
T9500.0	505685.1	5409499.2	75605.79688	443.92	0	48.838441	-86.922524	56140.75	56247.3	2.75	56143.49	56143.48828	56166.00883	56166.00781	505685.1	5409499.2
T9500.0	505685.1	5409499.2	75605.89844	444.73	0	48.838441	-86.922524	56140.73	56247.3	2.75	56143.48	56143.48047	56167.57417	56167.57422	505685.1	5409499.2
T9500.0	505685.0	5409499.2	75606.00000	446.04	0	48.838441	-86.922525	56140.81	56247.3	2.75	56143.56	56143.55859	56171.31209	56171.31250	505685.0	5409499.2
T9500.0	505684.9	5409499.2	75606.10156	433.04	0	48.838441	-86.922526	56140.91	56247.2	2.75	56143.66	56143.66016	56175.56141	56175.56250	505684.9	5409499.2
T9500.0	505684.9	5409499.2	75606.20313	433.42	0	48.838441	-86.922526	56140.88	56247.2	2.75	56143.63	56143.62891	56176.76211	56176.76172	505684.9	5409499.2
T9500.0	505684.9	5409499.2	75606.29688	431.68	0	48.838441	-86.922527	56140.43	56247.2	2.75	56143.18	56143.17969	56168.03130	56168.03125	505684.9	5409499.2
T9500.0	505684.9	5409499.2	75606.39844	432.29	0	48.838441	-86.922527	56140.05	56247.2	2.75	56142.80	56142.80078	56160.99920	56161.00000	505684.9	5409499.2
T9500.0	505684.8	5409499.1	75606.50000	430.76	0	48.838441	-86.922528	56139.82	56247.2	2.76	56142.58	56142.57813	56157.80210	56157.80078	505684.8	5409499.1
T9500.0	505684.7	5409499.1	75606.60156	430.42	0	48.838441	-86.922529	56140.02	56247.2	2.76	56142.78	56142.78125	56164.61116	56164.60938	505684.7	5409499.1
T9500.0	505684.7	5409499.1	75606.70313	430.10	0	48.838440	-86.922530	56139.82	56247.2	2.76	56142.58	56142.57813	56161.96391	56161.96484	505684.7	5409499.1
T9500.0	505684.7	5409499.1	75606.79688	432.86	0	48.838440	-86.922530	56140.02	56247.2	2.76	56142.78	56142.78125	56168.84829	56168.84766	505684.7	5409499.1
T9500.0	505684.6	5409499.1	75606.89844	432.21	0	48.838440	-86.922531	56139.89	56247.2	2.76	56142.65	56142.64844	56167.93789	56167.93750	505684.6	5409499.1
T9500.0	505684.5	5409499.1	75607.00000	431.83	0	48.838440	-86.922532	56139.97	56247.2	2.76	56142.73	56142.73047	56172.04955	56172.05078	505684.5	5409499.1
T9500.0	505684.4	5409499.0	75607.10156	431.68	0	48.838440	-86.922533	56139.81	56247.2	2.76	56142.57	56142.57031	56170.50259	56170.50391	505684.4	5409499.0
T9500.0	505684.4	5409499.0	75607.20313	431.61	0	48.838440	-86.922533	56140.14	56247.2	2.76	56142.90	56142.89844	56180.62338	56180.62500	505684.4	5409499.0
T9500.0	505684.3	5409499.0	75607.29688	430.42	0	48.838439	-86.922535	56139.79	56247.2	2.76	56142.55	56142.55078	56174.64213	56174.64063	505684.3	5409499.0
T9500.0	505684.2	5409499.0	75607.39844	429.04	0	48.838439	-86.922536	56139.57	56247.2	2.76	56142.33	56142.32813	56171.78395	56171.78516	505684.2	5409499.0
T9500.0	505684.1	5409498.9	75607.50000	430.76	0	48.838439	-86.922537	56139.72	56247.2	2.76	56142.48	56142.48047	56177.74510	56177.74609	505684.1	5409498.9
T9500.0	505684.1	5409498.9	75607.60156	429.02	0	48.838439	-86.922537	56139.21	56247.2	2.76	56141.97	56141.96875	56168.07857	56168.07813	505684.1	5409498.9
T9500.0	505684.1	5409498.9	75607.70313	429.42	0	48.838438	-86.922538	56139.08	56247.2	2.76	56141.84	56141.83984	56167.46842	56167.46875	505684.1	5409498.9
T9500.0	505684.1	5409498.9	75607.79688	427.79	0	48.838438	-86.922538	56138.86	56247.2	2.76	56141.62	56141.62109	56164.75911	56164.75781	505684.1	5409498.9
T9500.0	505684.0	5409498.9	75607.89844	427.69	0	48.838438	-86.922539	56138.88	56247.2	2.76	56141.64	56141.64063	56167.78293	56167.78125	505684.0	5409498.9
T9500.0	505683.9	5409498.9	75608.00000	428.58	0	48.838438	-86.922540	56138.58	56247.2	2.76	56141.34	56141.33984	56163.24815	56163.25000	505683.9	5409498.9
T9500.0	505683.9	5409498.8	75608.10156	428.49	0	48.838438	-86.922541	56138.40	56247.2	2.76	56141.16	56141.16016	56161.59785	56161.59766	505683.9	5409498.8
T9500.0	505683.9	5409498.8	75608.20313	429.01	0	48.838438	-86.922541	56138.51	56247.2	2.76	56141.27	56141.26953	56166.86668	56166.86719	505683.9	5409498.8
T9500.0	505683.7	5409498.8	75608.29688	436.82	0	48.838437	-86.922542	56137.88	56247.2	2.76	56140.64	56140.64063	56154.60748	56154.60938	505683.7	5409498.8
T9500.0	505683.7	5409498.8	75608.39844	436.60	0	48.838437	-86.922542	56137.72	56247.2	2.76	56140.48	56140.48047	56153.53909	56153.53906	505683.7	5409498.8
T9500.0	505683.7	5409498.8	75608.50000	436.11	0	48.838437	-86.922543	56137.36	56247.2	2.76	56140.12	56140.12109	56147.75883	56147.75781	505683.7	5409498.8
T9500.0	505683.6	5409498.8	75608.60156	436.18	0	48.838437	-86.922544	56137.39	56247.2	2.76	56140.15	56140.14844	56151.26992	56151.26953	505683.6	5409498.8
T9500.0	505683.6	5409498.8	75608.70313	435.77	0	48.838437	-86.922544	56137.57	56247.2	2.76	56140.33	56140.32813	56158.37562	56158.37500	505683.6	5409498.8
T9500.0	505683.5	5409498.8	75608.79688	434.74	0	48.838437	-86.922545	56136.96	56247.2	2.76	56139.72	56139.71875	56146.76480	56146.76563	505683.5	5409498.8
T9500.0	505683.5	5409498.8	75608.89844	434.19	0	48.838437	-86.922546	56136.77	56247.2	2.76	56139.53	56139.53125	56145.15621	56145.15625	505683.5	5409498.8

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
T9500.0	505683.5	5409498.8	75609.00000	426.13	0	48.838437	-86.922546	56136.28	56247.2	2.76	56139.04	56139.03906	56136.46035	56136.46094	505683.5	5409498.8
T9500.0	505683.3	5409498.8	75609.10156	424.17	0	48.838438	-86.922548	56136.91	56247.2	2.76	56139.67	56139.67188	56154.38024	56154.37891	505683.3	5409498.8
T9500.0	505683.2	5409498.9	75609.20313	431.40	0	48.838438	-86.922549	56136.50	56247.2	2.76	56139.27	56139.26953	56147.88554	56147.88672	505683.2	5409498.9
T9500.0	505683.2	5409498.9	75609.29688	431.44	0	48.838438	-86.922549	56136.25	56247.2	2.77	56139.02	56139.01953	56144.98288	56144.98438	505683.2	5409498.9
T9500.0	505683.2	5409498.9	75609.39844	431.26	0	48.838438	-86.922550	56135.90	56247.2	2.77	56138.67	56138.67188	56139.73807	56139.73828	505683.2	5409498.9
T9500.0	505683.1	5409498.9	75609.50000	432.07	0	48.838439	-86.922552	56135.97	56247.2	2.77	56138.74	56138.73828	56144.49272	56144.49219	505683.1	5409498.9
T9500.0	505683.1	5409498.9	75609.60156	431.64	0	48.838439	-86.922552	56135.47	56247.2	2.77	56138.24	56138.23828	56135.74884	56135.75000	505683.1	5409498.9
T9500.0	505682.9	5409499.0	75609.70313	433.15	0	48.838439	-86.922554	56134.99	56247.2	2.77	56137.76	56137.76172	56127.50945	56127.50781	505682.9	5409499.0
T9500.0	505682.8	5409499.0	75609.79688	424.50	0	48.838440	-86.922555	56134.86	56247.2	2.78	56137.64	56137.64063	56127.84386	56127.84375	505682.8	5409499.0
T9500.0	505682.8	5409499.0	75609.89844	423.94	0	48.838440	-86.922555	56134.81	56247.2	2.78	56137.58	56137.57813	56129.63106	56129.63281	505682.8	5409499.0
T9500.0	505682.7	5409499.1	75610.00000	429.09	0	48.838440	-86.922557	56135.17	56247.2	2.78	56137.95	56137.94922	56141.65240	56141.65234	505682.7	5409499.1
T9500.0	505682.6	5409499.1	75610.10156	420.45	0	48.838440	-86.922558	56134.89	56247.2	2.78	56137.67	56137.67188	56138.27367	56138.27344	505682.6	5409499.1
T9500.0	505682.5	5409499.1	75610.20313	421.61	0	48.838441	-86.922559	56134.71	56247.2	2.78	56137.49	56137.48828	56137.29543	56137.29688	505682.5	5409499.1
T9500.0	505682.4	5409499.1	75610.29688	421.52	0	48.838441	-86.922561	56135.26	56247.2	2.78	56138.03	56138.03125	56153.43268	56153.43359	505682.4	5409499.1
T9500.0	505682.4	5409499.1	75610.39844	421.49	0	48.838441	-86.922561	56134.76	56247.2	2.78	56137.54	56137.53906	56145.14887	56145.14844	505682.4	5409499.1
T9500.0	505682.2	5409499.1	75610.50000	422.59	0	48.838440	-86.922563	56134.61	56247.2	2.77	56137.39	56137.39063	56144.96011	56144.96094	505682.2	5409499.1
T9500.0	505682.1	5409499.1	75610.60156	421.28	0	48.838440	-86.922564	56134.36	56247.2	2.77	56137.13	56137.12891	56142.18512	56142.18359	505682.1	5409499.1
T9500.0	505682.1	5409499.1	75610.70313	421.90	0	48.838440	-86.922564	56134.41	56247.2	2.77	56137.18	56137.17969	56146.79191	56146.79297	505682.1	5409499.1
T9500.0	505682.0	5409499.1	75610.79688	419.47	0	48.838440	-86.922566	56134.46	56247.2	2.77	56137.23	56137.23047	56151.42206	56151.42188	505682.0	5409499.1
T9500.0	505681.9	5409499.0	75610.89844	417.42	0	48.838440	-86.922568	56133.95	56247.2	2.77	56136.72	56136.71875	56142.78345	56142.78516	505681.9	5409499.0
T9500.0	505681.9	5409499.0	75611.00000	417.24	0	48.838440	-86.922568	56133.70	56247.2	2.77	56136.47	56136.46875	56140.33799	56140.33984	505681.9	5409499.0
T9500.0	505681.8	5409499.0	75611.10156	416.80	0	48.838439	-86.922569	56133.27	56247.2	2.77	56136.04	56136.03906	56133.64173	56133.64063	505681.8	5409499.0
T9500.0	505681.8	5409499.0	75611.20313	418.60	0	48.838439	-86.922569	56133.67	56247.2	2.77	56136.45	56136.44922	56146.90357	56146.90234	505681.8	5409499.0
T9500.0	505681.6	5409499.0	75611.29688	418.03	0	48.838439	-86.922571	56133.54	56247.2	2.78	56136.32	56136.32031	56147.36879	56147.36719	505681.6	5409499.0
T9500.0	505681.5	5409498.9	75611.39844	415.91	0	48.838439	-86.922572	56132.77	56247.2	2.78	56135.54	56135.53906	56132.42592	56132.42578	505681.5	5409498.9
T9500.0	505681.5	5409498.9	75611.50000	417.29	0	48.838439	-86.922572	56132.30	56247.2	2.78	56135.08	56135.07813	56125.09712	56125.09766	505681.5	5409498.9
T9500.0	505681.4	5409498.9	75611.60156	417.72	0	48.838439	-86.922574	56132.48	56247.2	2.78	56135.27	56135.26953	56133.21423	56133.21484	505681.4	5409498.9
T9500.0	505681.3	5409498.9	75611.70313	416.87	0	48.838438	-86.922575	56133.22	56247.2	2.78	56136.01	56136.01172	56154.40313	56154.40234	505681.3	5409498.9
T9500.0	505681.2	5409498.9	75611.79688	417.36	0	48.838438	-86.922577	56132.68	56247.2	2.79	56135.47	56135.46875	56145.22845	56145.22656	505681.2	5409498.9
T9500.0	505681.2	5409498.9	75611.89844	416.71	0	48.838438	-86.922577	56132.23	56247.2	2.79	56135.02	56135.01953	56138.20625	56138.20703	505681.2	5409498.9
T9500.0	505681.1	5409498.9	75612.00000	417.38	0	48.838438	-86.922578	56131.35	56247.2	2.79	56134.14	56134.14063	56120.99381	56120.99219	505681.1	5409498.9
T9500.0	505681.0	5409498.9	75612.10156	415.69	0	48.838438	-86.922580	56131.52	56247.2	2.79	56134.31	56134.30859	56128.71803	56128.71875	505681.0	5409498.9
T9500.0	505680.9	5409498.9	75612.20313	415.45	0	48.838438	-86.922581	56131.57	56247.2	2.79	56134.36	56134.35938	56133.60854	56133.60938	505680.9	5409498.9
T9500.0	505680.9	5409498.9	75612.29688	415.09	0	48.838438	-86.922581	56131.12	56247.2	2.79	56133.91	56133.91016	56126.64548	56126.64453	505680.9	5409498.9
T9500.0	505680.8	5409498.8	75612.39844	413.63	0	48.838438	-86.922583	56130.76	56247.2	2.79	56133.55	56133.55078	56121.83177	56121.83203	505680.8	5409498.8
T9500.0	505680.6	5409498.8	75612.50000	415.25	0	48.838438	-86.922585	56130.49	56247.2	2.79	56133.28	56133.28125	56119.16682	56119.16797	505680.6	5409498.8
T9500.0	505680.6	5409498.8	75612.60156	416.44	0	48.838438	-86.922585	56130.31	56247.2	2.78	56133.09	56133.08984	56118.41266	56118.41406	505680.6	5409498.8
T9500.0	505680.5	5409498.8	75612.70313	416.82	0	48.838438	-86.922586	56130.16	56247.2	2.78	56132.94	56132.94141	56118.61930	56118.62109	505680.5	5409498.8
T9500.0	505680.4	5409498.9	75612.79688	416.27	0	48.838438	-86.922588	56130.34	56247.2	2.78	56133.12	56133.12109	56126.66925	56126.66797	505680.4	5409498.9
T9500.0	505680.3	5409498.9	75612.89844	414.51	0	48.838438	-86.922590	56129.97	56247.2	2.78	56132.75	56132.75000	56121.67527	56121.67578	505680.3	5409498.9
T9500.0	505680.3	5409498.9	75613.00000	414.17	0	48.838438	-86.922590	56129.76	56247.2	2.78	56132.54	56132.53906	56120.48851	56120.48828	505680.3	5409498.9
T9500.0	505680.1	5409498.9	75613.10156	411.65	0	48.838439	-86.922592	56129.45	56247.2	2.78	56132.23	56132.23047	56116.93735	56116.93750	505680.1	5409498.9
T9500.0	505680.0	5409498.9	75613.20313	410.09	0	48.838439	-86.922593	56129.32	56247.2	2.78	56132.10	56132.10156	56117.66697	56117.66797	505680.0	5409498.9
T9500.0	505679.9	5409499.0	75613.29688	409.47	0	48.838439	-86.922595	56128.82	56247.2	2.78	56131.60	56131.60156	56109.62268	56109.62109	505679.9	5409499.0
T9500.0	505679.9	5409499.0	75613.39844	409.76	0	48.838439	-86.922595	56128.69	56247.2	2.78	56131.47	56131.46875	56110.36770	56110.36719	505679.9	5409499.0
T9500.0	505679.8	5409499.0	75613.50000	410.08	0	48.838439	-86.922597	56128.44	56247.2	2.78	56131.22	56131.21875	56108.27143	56108.26953	505679.8	5409499.0
T9500.0	505679.8	5409499.0	75613.60156	419.37	0	48.838439	-86.922597	56128.62	56247.2	2.78	56131.40	56131.39844	56116.38751	56116.38672	505679.8	5409499.0
T9500.0	505679.6	5409499.0	75613.70313	410.69	0	48.838439	-86.922598	56128.20	56247.2	2.78	56130.97	56130.96875	56110.03119	56110.03125	505679.6	5409499.0
T9500.0	505679.5	5409499.0	75613.79688	410.21	0	48.838440	-86.922600	56127.86	56247.2	2.78	56130.64	56130.64063	56106.05372	56106.05469	505679.5	5409499.0
T9500.0	505679.4	5409499.0	75613.89844	409.34	0	48.838440	-86.922602	56127.95	56247.2	2.78	56130.73	56130.73047	56112.04974	56112.05078	505679.4	5409499.0
T9500.0	505679.4	5409499.0	75614.00000	410.92	0	48.838440	-86.922602	56127.83	56247.2	2.78	56130.61	56130.60938	56113.06584	56113.06641	505679.4	5409499.0
T9500.0	505679.2	5409499.0	75614.10156	410.71	0	48.838440	-86.922604	56127.48	56247.2	2.78	56130.26	56130.26172	56108.62684	56108.62500	505679.2	5409499.0
T9500.0	505679.1	5409499.0	75614.20313	418.01	0	48.838440	-86.922606	56127.09	56247.2	2.79	56129.88	56129.87891	56103.47927	56103.48047	505679.1	5409499.0
T9500.0	505679.0	5409499.0	75614.29688	411.63	0	48.838440	-86.922608	56126.85	56247.2	2.79	56129.64	56129.64063	56101.65759	56101.65625	505679.0	5409499.0
T9500.0	505679.0	5409499.0	75614.39844	409.33	0	48.838440	-86.922608	56126.67	56247.2	2.80	56129.47	56129.46875	56101.49994	56101.50000	505679.0	5409499.0
T9500.0	505678.8	5409499.0	75614.50000	410.26	0	48.838439	-86.922610	56126.76	56247.2	2.81	56129.57	56129.57031	56107.75287	56107.75391	505678.8	5409499.0
T9500.0	505678.7	5409499.0	75614.60156	419.56	0	48.838439	-86.922612	56126.72	56247.2	2.81	56129.53	56129.53125	56110.68468	56110.68359	505678.7	5409499.0
T9500.0	505678.5	5409499.0	75614.70313	418.60	0	48.838439	-86.922614	56126.34	56247.2	2.82	56129.15	56129.14844	56105.54802	56105.54688	505678.5	5409499.0
T9500.0	505678.5	5409499.0	75614.79688	418.03	0	48.838439	-86.922614	56126.56	56247.2	2.82	56129.38	56129.37891	56114.89059	56114.89063	505678.5	5409499.0
T9500.0	505678.4	5409498.9	75614.89844	417.96	0	48.838439	-86.922616	56126.21	56247.2	2.83	56129.04	56129.03906	56110.70493	56110.70313	505678.4	5409498.9
T9500.0	505678.4	5409498.9	75615.00000	417.60	0	48.838439	-86.922616	56126.46	56247.2	2.83	56129.29	56129.28906	56120.52307	56120.52344	505678.4	5409498.9
T9500.0	505678.2	5409498.9	75615.10156	410.29	0	48.838438	-86.922618	56126.29	56247.2	2.83	56129.12	56129.12109	56120.37251	56120.37109	505678.2	5409498.9
T9500.0	505678.1	5409498.9	75615.20313	408.60	0	48.838438	-86.922619	56126.11	56247.2	2.83	56128.94	56128.94141	56119.98418	56119.98438	505678.1	5409498.9
T9500.0	505678.1	5409498.9	75615.29688	405.28	0	48.838438	-86.922619	56125.88	56247.2	2.83	56128.71	56128.71094	56118.40837	56118.41016	505678.1	5409498.9
T9500.0	505678.0	5409498.8	75615.39844	418.12	0	48.838438	-86.922621	56125.86	56247.2	2.83	56128.69	56128.69141	56121.81584	56121.81641	505678.0	5409498.8
T9500.0	505677.8	5409498.8	75615.50000	417.14	0	48.838437	-86.922623	56125.84	56247.2	2.83	56128.67	56128.67188	56125.22197	56125.22266	505677.8	5409498.8
T9500.0	505677.8	5409498.7	75615.60156	416.34	0	48.838437	-86.922624	56125.40	56247.2	2.83	56128.23	56128.23047	56118.65785	56118.65625	505677.8	5409498.7
T9500.0	505677.8	5409498.7	75615.70313	416.49	0	48.838437	-86.922624	56125.30	56247.2	2.83	56128.13	56128.12891	56120.16169	56120.16016	505677.8	5409498.7
T9500.0	505677.7	5409498.7	75615.79688	412.70	0	48.838437	-86.922625	56124.94	56247.2	2.83	56127.77	56127.76953	56115.49232	56115.49219	505677.7	5409498.7
T9500.0	505677.5	5409498.7	75615.89844	413.08	0	48.838436	-86.922627	56124.84	56247.2	2.83	56127.67	56127.67188	56116.99161	56116.99219	505677.5	5409498.7
T9500.0	505677.5	5409498.6	75616.00000	412.41	0	48.838436	-86.922628	56124.37	56247.2	2.83	56127.20	56127.19922	56109.70639	56109.70703	505677.5	5409498.6
T9500.0	505677.4	5409498.6	75616.10156	413.06	0	48.838436	-86.922629	56124.44	56247.2	2.83	56127.27	56127.26953	56115.23512	56115.23438	505677.4	5409498.6
T9500.0	505677.4	5409498.6	75616.20313	411.87	0	48.838436	-86.922629	56124.34	56247.2	2.83	56127.17	56127.17188	56116.72586	56116.72656	505677.4	5409498.6
T9500.0	505677.3	5409498.6	75616.29688	412.45	0	48.838436	-86.922631	56123.98	56247.2	2.82	56126.81	56126.80859	56112.04229	56112.04297	505677.3	5409498.6
T9500.0	505677.2	5409498.6	75616.39844	415.38	0	48.838436	-86.922632	56124.18	56247.2	2.82	56127.01	56127.01172	56120.64676	56120.64844	505677.2	5409498.6
T9500.0	505677.2	5409498.6	75616.50000	402.61	0	48.838436	-86.922632	56124.02	56247.2	2.82	56126.84	56126.83984	56120.46570	56120.46484	505677.2	5409498.6
T9500.0	505677.1	5409498.6	75616.60156	403.45	0	48.838436	-86.922633	56124.00	56247.2	2.82	56126.82	56126.82031	56123.84106	56123.83984	505677.1	5409498.6
T9500.0	505677.0	5409498.6	75616.70313	415.13	0	48.838436	-86.922635	56123.64	56247.2	2.82	56126.45	56126.44922	56118.90526	56118.90625	505677.0	5409498.6
T9500.0	505677.0	5409498.6	75616.79688	413.73	0	48.838436	-86.922635	56123.33	56247.2	2.81	56126.14	56126.14063	56115.38943	56115.39063	505677.0	5409498.6
T9500.0	505676.9	5409498.6	75616.89844	413.16	0	48.838436	-86.922636	56123.15	56247.2	2.81	56125.96	56125.96094	56114.95486	56114.95313	505676.9	5409498.6
T9500.0	505676.8	5409498.7	75617.00000	414.30	0	48.838437	-86.922638	56122.95	56247.2	2.81	56125.75	56125.75000	56113.80384	56113.80469	505676.8	5409498.7
T9500.0	505676.8	5409498.7	75617.10156	414.55	0	48.838437	-86.922638	56122.97	56247.2	2.81	56125.78	56125.78125	56118.34467	56118.34375	505676.8	5409498.7
T9500.0	505676.7	5409498.7	75617.20313	412.74	0	48.838437	-86.922639	56122.77	56247.2	2.81	56125.58	56125.57813	56117.42184	56117.42188	505676.7	5409498.7
T9500.0	505676.7	5409498.7	75617.29688	411.66	0	48.838437	-86.922639	56122.19	56247.2	2.81	56125.00	56125.00000	56107.47502	56107.47656	505676.7	5409498.7
T9500.0	505676.6	5409498.7	75617.39844	411.29	0	48.838437	-86.922640	56122.14	56247.2	2.81	56124.95	56124.94922	56110.10281	56110.10156	505676.6	5409498.7
T9500.0	505676.5	5409498.8	75617.50000	414.60	0	48.838437	-86.922641	56121.99	56247.2	2.81	56124.80	56124.80078	56110.35217	56110.35156	505676.5	5409498.8
T9500.0	505676.4	5409498.8	75617.60156	410.75	0	48.838438	-86.922642	56121.78	56247.2	2.80	56124.58	56124.57813	56108.93505	56108.93359	505676.4	5409498.8
T9500.0	505676.3	5409498.9	75617.70313	411.91	0	48.838438	-86.922644	56121.43	56247.2	2.80	56124.23	56124.23047	56104.42727	56104.42578	505676.3	5409498.9
T9500.0	505676.3	5409498.9	75617.79688	410.62	0	48.838438	-86.922644	56121.51	56247.2	2.80	56124.31	56124.30859	56110.12027	56110.12109	505676.3	5409498.9
T9500.0	505676.2	5409498.9	75617.89844	410.55	0	48.838439	-86.922645	56121.28	56247.2	2.80	56124.08	56124.07813	56108.45019	56108.44922	505676.2	5409498.9
T9500.0	505676.1	5409499.0	75618.00000	410.92	0	48.838439	-86.922647	56120.82	56247.2	2.80	56123.62	56123.62109	56101.31576	56101.31641	505676.1	5409499.0
T9500.0	505676.0	5409499.0	75618.10156	399.16	0	48.838440	-86.922648	56120.70	56247.2	2.80	56123.50	56123.50000	56102.24575	56102.24609	505676.0	5409499.0
T9500.0	505676.0	5409499.0	75618.20313	396.90	0	48.838440	-86.922648	56121.08	56247.2	2.81	56123.88	56123.87891	56115.03769	56115.03906	505676.0	5409499.0

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
T9500.0	505675.9	5409499.1	75618.29688	398.19	0	48.838440	-86.922649	56120.87	56247.2	2.81	56123.68	56123.67969	56114.05788	56114.05859	505675.9	5409499.1
T9500.0	505675.8	5409499.1	75618.39844	397.33	0	48.838440	-86.922651	56120.77	56247.2	2.81	56123.59	56123.58984	56115.68332	56115.68359	505675.8	5409499.1
T9500.0	505675.8	5409499.1	75618.50000	395.48	0	48.838440	-86.922651	56120.83	56247.2	2.82	56123.64	56123.64063	56120.62599	56120.62500	505675.8	5409499.1
T9500.0	505675.7	5409499.2	75618.60156	396.47	0	48.838441	-86.922652	56120.60	56247.2	2.82	56123.42	56123.42188	56119.15456	56119.15625	505675.7	5409499.2
T9500.0	505675.6	5409499.2	75618.70313	396.60	0	48.838441	-86.922653	56120.39	56247.2	2.82	56123.22	56123.21875	56118.15207	56118.15234	505675.6	5409499.2
T9500.0	505675.6	5409499.2	75618.79688	395.33	0	48.838441	-86.922653	56120.08	56247.2	2.82	56122.90	56122.89844	56114.29560	56114.29688	505675.6	5409499.2
T9500.0	505675.5	5409499.2	75618.89844	395.07	0	48.838442	-86.922655	56120.20	56247.2	2.83	56123.03	56123.03125	56121.11396	56121.11328	505675.5	5409499.2
T9500.0	505675.4	5409499.3	75619.00000	395.80	0	48.838442	-86.922657	56120.23	56247.2	2.83	56123.06	56123.05859	56125.55292	56125.55469	505675.4	5409499.3
T9500.0	505675.4	5409499.3	75619.10156	396.89	0	48.838442	-86.922657	56119.54	56247.2	2.83	56122.37	56122.37109	56112.89685	56112.89844	505675.4	5409499.3
T9500.0	505675.3	5409499.3	75619.20313	395.67	0	48.838442	-86.922658	56119.36	56247.2	2.83	56122.19	56122.19141	56112.33953	56112.33984	505675.3	5409499.3
T9500.0	505675.2	5409499.3	75619.29688	396.03	0	48.838442	-86.922659	56119.38	56247.2	2.84	56122.22	56122.21875	56116.76047	56116.76172	505675.2	5409499.3
T9500.0	505675.2	5409499.3	75619.39844	396.74	0	48.838442	-86.922659	56119.61	56247.2	2.84	56122.45	56122.44922	56125.92224	56125.92188	505675.2	5409499.3
T9500.0	505675.1	5409499.3	75619.50000	395.80	0	48.838442	-86.922661	56119.34	56247.2	2.84	56122.18	56122.17969	56123.21041	56123.21094	505675.1	5409499.3
T9500.0	505675.0	5409499.2	75619.60156	394.93	0	48.838442	-86.922662	56119.02	56247.2	2.84	56121.86	56121.85938	56119.30560	56119.30469	505675.0	5409499.2
T9500.0	505674.9	5409499.2	75619.60156	394.93	0	48.838441	-86.922663	56118.88	56247.2	2.84	56121.72	56121.71875	56119.66674	56119.66797	505674.9	5409499.2
T9500.0	505674.9	5409499.2	75619.79688	396.31	0	48.838441	-86.922663	56118.27	56247.2	2.85	56121.12	56121.12109	56109.10346	56109.10156	505674.9	5409499.2
T9500.0	505674.8	5409499.2	75619.89844	396.31	0	48.838441	-86.922665	56118.02	56247.2	2.85	56120.87	56120.87109	56106.84092	56106.83984	505674.8	5409499.2
T9500.0	505674.8	5409499.2	75620.00000	392.61	0	48.838441	-86.922665	56117.61	56247.2	2.85	56120.46	56120.46094	56100.77426	56100.77344	505674.8	5409499.2
T9500.0	505674.7	5409499.2	75620.10156	392.10	0	48.838441	-86.922666	56117.84	56247.2	2.85	56120.69	56120.69141	56109.89127	56109.89063	505674.7	5409499.2
T9500.0	505674.6	5409499.1	75620.20313	392.39	0	48.838441	-86.922668	56117.62	56247.2	2.85	56120.46	56120.46094	56108.08353	56108.08203	505674.6	5409499.1
T9500.0	505674.4	5409499.1	75620.29688	403.90	0	48.838441	-86.922669	56117.74	56247.2	2.84	56120.58	56120.57813	56114.57616	56114.57422	505674.4	5409499.1
T9500.0	505674.3	5409499.1	75620.39844	403.35	0	48.838440	-86.922671	56117.11	56247.2	2.84	56119.95	56119.94922	56103.26074	56103.26172	505674.3	5409499.1
T9500.0	505674.3	5409499.1	75620.50000	400.97	0	48.838440	-86.922671	56116.83	56247.2	2.84	56119.67	56119.67188	56100.24548	56100.24609	505674.3	5409499.1
T9500.0	505674.1	5409499.1	75620.60156	400.25	0	48.838440	-86.922673	56117.11	56247.2	2.84	56119.94	56119.94141	56110.27723	56110.27734	505674.1	5409499.1
T9500.0	505674.0	5409499.1	75620.70313	398.56	0	48.838440	-86.922675	56116.93	56247.2	2.84	56119.76	56119.76172	56109.62103	56109.62109	505674.0	5409499.1
T9500.0	505674.0	5409499.1	75620.79688	397.47	0	48.838440	-86.922675	56116.85	56247.2	2.83	56119.69	56119.69141	56111.56824	56111.56641	505674.0	5409499.1
T9500.0	505673.9	5409499.0	75620.89844	397.60	0	48.838440	-86.922677	56116.22	56247.2	2.83	56119.05	56119.05078	56099.97905	56099.98047	505673.9	5409499.0
T9500.0	505673.7	5409499.0	75621.00000	398.49	0	48.838440	-86.922679	56116.50	56247.2	2.83	56119.33	56119.32813	56110.21820	56110.21875	505673.7	5409499.0
T9500.0	505673.7	5409499.0	75621.10156	397.34	0	48.838440	-86.922679	56115.94	56247.2	2.83	56118.77	56118.76953	56100.51223	56100.51172	505673.7	5409499.0
T9500.0	505673.6	5409499.0	75621.20313	397.56	0	48.838439	-86.922681	56115.70	56247.2	2.83	56118.53	56118.53125	56098.39338	56098.39453	505673.6	5409499.0
T9500.0	505673.5	5409498.9	75621.29688	397.43	0	48.838439	-86.922682	56115.54	56247.2	2.83	56118.37	56118.37109	56098.16511	56098.16406	505673.5	5409498.9
T9500.0	505673.3	5409498.9	75621.39844	388.95	0	48.838439	-86.922684	56115.64	56247.2	2.83	56118.48	56118.48047	56104.33686	56104.33594	505673.3	5409498.9
T9500.0	505673.3	5409498.9	75621.50000	388.97	0	48.838439	-86.922684	56115.79	56247.2	2.83	56118.62	56118.62109	56111.21206	56111.21094	505673.3	5409498.9
T9500.0	505673.2	5409498.9	75621.60156	391.96	0	48.838438	-86.922686	56115.44	56247.2	2.84	56118.27	56118.26953	56106.44841	56106.44922	505673.2	5409498.9
T9500.0	505673.1	5409498.8	75621.70313	391.87	0	48.838438	-86.922688	56115.21	56247.2	2.84	56118.05	56118.05078	56104.76128	56104.76172	505673.1	5409498.8
T9500.0	505673.1	5409498.8	75621.79688	399.95	0	48.838438	-86.922688	56115.07	56247.2	2.84	56117.91	56117.91016	56104.96372	56104.96484	505673.1	5409498.8
T9500.0	505673.0	5409498.8	75621.89844	397.48	0	48.838438	-86.922689	56115.08	56247.2	2.84	56117.92	56117.92188	56108.71691	56108.71875	505673.0	5409498.8
T9500.0	505672.9	5409498.8	75622.00000	397.82	0	48.838438	-86.922691	56114.96	56247.2	2.84	56117.80	56117.80078	56109.37487	56109.37500	505672.9	5409498.8
T9500.0	505672.8	5409498.8	75622.10156	398.28	0	48.838438	-86.922692	56114.45	56247.2	2.84	56117.29	56117.28906	56100.76629	56100.76563	505672.8	5409498.8
T9500.0	505672.8	5409498.8	75622.20313	400.41	0	48.838438	-86.922692	56114.45	56247.2	2.84	56117.29	56117.28906	56104.25224	56104.25391	505672.8	5409498.8
T9500.0	505672.7	5409498.8	75622.29688	399.86	0	48.838437	-86.922693	56114.22	56247.2	2.84	56117.06	56117.05859	56102.26868	56102.26953	505672.7	5409498.8
T9500.0	505672.7	5409498.8	75622.39844	398.47	0	48.838437	-86.922693	56114.50	56247.2	2.84	56117.34	56117.33984	56112.37910	56112.37891	505672.7	5409498.8
T9500.0	505672.6	5409498.8	75622.50000	398.22	0	48.838437	-86.922695	56114.12	56247.2	2.83	56116.96	56116.96094	56106.81346	56106.81250	505672.6	5409498.8
T9500.0	505672.5	5409498.8	75622.60156	397.54	0	48.838437	-86.922696	56113.87	56247.2	2.83	56116.70	56116.69922	56104.08460	56104.08594	505672.5	5409498.8
T9500.0	505672.4	5409498.7	75622.70313	397.91	0	48.838437	-86.922698	56113.96	56247.2	2.83	56116.80	56116.80078	56109.88859	56109.88672	505672.4	5409498.7
T9500.0	505672.4	5409498.7	75622.79688	397.59	0	48.838437	-86.922698	56113.62	56247.2	2.83	56116.45	56116.44922	56104.99987	56105.00000	505672.4	5409498.7
T9500.0	505672.3	5409498.7	75622.89844	399.75	0	48.838437	-86.922699	56113.44	56247.2	2.83	56116.27	56116.26953	56104.13371	56104.13281	505672.3	5409498.7
T9500.0	505672.1	5409498.7	75623.00000	400.46	0	48.838437	-86.922701	56113.16	56247.2	2.83	56115.99	56115.98828	56100.88136	56100.88281	505672.1	5409498.7
T9500.0	505672.1	5409498.7	75623.10156	399.37	0	48.838437	-86.922701	56113.38	56247.2	2.83	56116.21	56116.21094	56109.48337	56109.48438	505672.1	5409498.7
T9500.0	505672.0	5409498.8	75623.20313	399.05	0	48.838437	-86.922702	56113.39	56247.2	2.83	56116.22	56116.21875	56113.08763	56113.08594	505672.0	5409498.8
T9500.0	505671.9	5409498.8	75623.29688	399.06	0	48.838437	-86.922703	56113.41	56247.2	2.83	56116.23	56116.23047	56116.67810	56116.67969	505671.9	5409498.8
T9500.0	505671.8	5409498.8	75623.39844	395.40	0	48.838438	-86.922705	56113.23	56247.2	2.83	56116.06	56116.05859	56115.98211	56115.98047	505671.8	5409498.8
T9500.0	505671.8	5409498.8	75623.50000	393.35	0	48.838438	-86.922705	56113.06	56247.2	2.83	56115.89	56115.89063	56115.27156	56115.27344	505671.8	5409498.8
T9500.0	505671.7	5409498.8	75623.60156	391.59	0	48.838438	-86.922706	56112.68	56247.2	2.82	56115.51	56115.51172	56109.56171	56109.56250	505671.7	5409498.8
T9500.0	505671.6	5409498.9	75623.70313	382.31	0	48.838438	-86.922708	56112.65	56247.2	2.82	56115.47	56115.46875	56111.90632	56111.90625	505671.6	5409498.9
T9500.0	505671.6	5409498.9	75623.79688	382.91	0	48.838438	-86.922708	56112.90	56247.2	2.82	56115.72	56115.71875	56121.11824	56121.11719	505671.6	5409498.9
T9500.0	505671.5	5409498.9	75623.89844	392.04	0	48.838438	-86.922709	56112.68	56247.2	2.82	56115.50	56115.50000	56119.15857	56119.16016	505671.5	5409498.9
T9500.0	505671.4	5409498.9	75624.00000	390.32	0	48.838438	-86.922710	56112.20	56247.2	2.82	56115.02	56115.01953	56111.01119	56111.01172	505671.4	5409498.9
T9500.0	505671.4	5409498.9	75624.10156	391.12	0	48.838438	-86.922710	56112.00	56247.2	2.82	56114.82	56114.82031	56109.49247	56109.49219	505671.4	5409498.9
T9500.0	505671.3	5409498.9	75624.20313	391.70	0	48.838439	-86.922711	56111.67	56247.2	2.83	56114.49	56114.48828	56104.87069	56104.87109	505671.3	5409498.9
T9500.0	505671.3	5409498.9	75624.29688	392.65	0	48.838439	-86.922713	56111.66	56247.2	2.83	56114.49	56114.48828	56108.06341	56108.06250	505671.3	5409498.9
T9500.0	505671.3	5409498.9	75624.39844	391.59	0	48.838439	-86.922713	56111.63	56247.2	2.83	56114.46	56114.46094	56110.52564	56110.52734	505671.3	5409498.9
T9500.0	505671.2	5409498.9	75624.50000	390.99	0	48.838439	-86.922714	56111.58	56247.2	2.83	56114.42	56114.42188	56112.73162	56112.73047	505671.2	5409498.9
T9500.0	505671.1	5409498.9	75624.60156	392.13	0	48.838439	-86.922715	56111.24	56247.2	2.84	56114.08	56114.07813	56107.79778	56107.79688	505671.1	5409498.9
T9500.0	505671.0	5409498.9	75624.70313	393.04	0	48.838439	-86.922716	56111.14	56247.2	2.84	56113.99	56113.98828	56108.77779	56108.77734	505671.0	5409498.9
T9500.0	505671.0	5409498.9	75624.79688	394.18	0	48.838439	-86.922716	56110.75	56247.2	2.84	56113.60	56113.60156	56102.61704	56102.61719	505671.0	5409498.9
T9500.0	505670.9	5409498.9	75624.89844	395.47	0	48.838439	-86.922717	56110.91	56247.2	2.85	56113.75	56113.75000	56109.25229	56109.25391	505670.9	5409498.9
T9500.0	505670.8	5409498.9	75625.00000	395.76	0	48.838439	-86.922718	56111.14	56247.2	2.85	56113.99	56113.98828	56118.00238	56118.00391	505670.8	5409498.9
T9500.0	505670.8	5409498.9	75625.10156	394.53	0	48.838439	-86.922718	56111.21	56247.1	2.85	56114.06	56114.05859	56122.69579	56122.69531	505670.8	5409498.9
T9500.0	505670.8	5409499.0	75625.20313	393.64	0	48.838439	-86.922719	56110.61	56247.1	2.85	56113.47	56113.46875	56111.70194	56111.70313	505670.8	5409499.0
T9500.0	505670.7	5409499.0	75625.29688	392.87	0	48.838439	-86.922721	56110.27	56247.1	2.86	56113.13	56113.12891	56106.61904	56106.61719	505670.7	5409499.0
T9500.0	505670.7	5409499.0	75625.39844	390.42	0	48.838439	-86.922721	56110.40	56247.1	2.86	56113.26	56113.26172	56112.66828	56112.66797	505670.7	5409499.0
T9500.0	505670.6	5409499.0	75625.50000	393.30	0	48.838439	-86.922722	56110.36	56247.1	2.86	56113.22	56113.21875	56114.65886	56114.66016	505670.6	5409499.0
T9500.0	505670.5	5409499.0	75625.60156	392.34	0	48.838439	-86.922723	56110.38	56247.1	2.86	56113.24	56113.23828	56118.04930	56118.05078	505670.5	5409499.0
T9500.0	505670.5	5409499.0	75625.70313	392.81	0	48.838439	-86.922723	56110.16	56247.1	2.86	56113.02	56113.01953	56115.71866	56115.71875	505670.5	5409499.0
T9500.0	505670.4	5409499.0	75625.79688	391.79	0	48.838439	-86.922725	56109.74	56247.1	2.87	56112.60	56112.60156	56108.61585	56108.61719	505670.4	5409499.0
T9500.0	505670.3	5409499.0	75625.89844	391.32	0	48.838439	-86.922726	56109.57	56247.1	2.87	56112.44	56112.44141	56107.65840	56107.66016	505670.3	5409499.0
T9500.0	505670.2	5409499.0	75626.00000	391.58	0	48.838439	-86.922726	56109.65	56247.1	2.87	56112.52	56112.51953	56112.37112	56112.37109	505670.2	5409499.0
T9500.0	505670.2	5409499.0	75626.10156	391.26	0	48.838439	-86.922726	56109.41	56247.1	2.87	56112.28	56112.28125	56109.46202	56109.46094	505670.2	5409499.0
T9500.0	505670.1	5409499.0	75626.20313	388.61	0	48.838439	-86.922728	56108.78	56247.1	2.87	56111.65	56111.64844	56097.26919	56097.26953	505670.1	5409499.0
T9500.0	505670.0	5409499.0	75626.29688	388.77	0	48.838440	-86.922729	56109.24	56247.1	2.86	56112.10	56112.10156	56110.68235	56110.68359	505670.0	5409499.0
T9500.0	505670.0	5409499.0	75626.39844	388.51	0	48.838440	-86.922730	56108.86	56247.1	2.86	56111.72	56111.71875	56104.36750	56104.36719	505670.0	5409499.0
T9500.0	505669.9	5409499.0	75626.50000	388.07	0	48.838440	-86.922731	56108.58	56247.1	2.86	56111.44	56111.44141	56100.39757	56100.39844	505669.9	5409499.0
T9500.0	505669.9	5409499.0	75626.60156	387.64	0	48.838440	-86.922731	56108.10	56247.1	2.86	56110.96	56110.96094	56091.65163	56091.65234	505669.9	5409499.0
T9500.0	505669.8	5409499.0	75626.70313	387.73	0	48.838440	-86.922732	56108.31	56247.1	2.86	56111.16	56111.16016	56099.01590	56099.01563	505669.8	5409499.0
T9500.0	505669.7	5409499.0	75626.79688	386.03	0	48.838440	-86.922734	56108.10	56247.1	2.85	56110.95	56110.94922	56096.61895	56096.61719	505669.7	5409499.0
T9500.0	505669.7	5409499.0	75626.89844	386.31	0	48.838440	-86.922734	56107.78	56247.1	2.85	56110.63	56110.62891	56091.58079	56091.58203	505669.7	5409499.0
T9500.0	505669.6	5409499.1	75627.00000	385.82	0	48.838440	-86.922736	56108.05	56247.2	2.85	56110.90	56110.89844	56100.51537	56100.51563	505669.6	5409499.1
T9500.0	505669.5	5409499.1	75627.10156	386.29	0	48.838440	-86.922737	56107.90	56247.2	2.85	56110.75	56110.75000	56099.45008	56099.44922	505669.5	5409499.1
T9500.0	505669.5	5409499.1	75627.20313	383.49	0	48.838440	-86.922737	56107.74	56247.2	2.85	56110.59	56110.58984	56098.11579	56098.11719	505669.5	5409499.1
T9500.0	505669.3	5409499.1	75627.29688	385.27	0	48.838440	-86.922739	56107.14	56247.2	2.85	56109.99	56109.98828	56086.30611	56086.30469	505669.3	5409499.1
T9500.0	505669.2	5409499.1	75627.39844	385.14	0	48.838440	-86.922741	56106.88	56247.2	2.85	56109.72	56109.71875	56082.29646	56082.29688	505669.2	5409499.1
T9500.0	505669.2	5409499.1	75627.50000	383.16	0	48.838440	-86.922741	56106.58	56247.2	2.85	56109.43	56109.42969	56077.77926	56077.77734	505669.2	5409499.1

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
T9500.0	505669.1	5409499.1	75627.60156	382.70	0	48.838441	-86.922742	56106.48	56247.2	2.84	56109.32	56109.32031	56077.50112	56077.50000	505669.1	5409499.1
T9500.0	505669.0	5409499.1	75627.70313	383.29	0	48.838441	-86.922743	56105.98	56247.2	2.84	56108.82	56108.82031	56067.93280	56067.93359	505669.0	5409499.1
T9500.0	505668.9	5409499.2	75627.79688	384.86	0	48.838441	-86.922745	56105.65	56247.2	2.84	56108.49	56108.48828	56062.36546	56062.36719	505668.9	5409499.2
T9500.0	505668.8	5409499.2	75627.89844	381.46	0	48.838441	-86.922746	56105.62	56247.2	2.84	56108.46	56108.46094	56063.88429	56063.88281	505668.8	5409499.2
T9500.0	505668.7	5409499.2	75628.00000	383.22	0	48.838441	-86.922747	56105.42	56247.2	2.84	56108.26	56108.26172	56061.33359	56061.33203	505668.7	5409499.2
T9500.0	505668.7	5409499.2	75628.10156	384.33	0	48.838441	-86.922747	56105.27	56247.2	2.84	56108.11	56108.10938	56059.93472	56059.93359	505668.7	5409499.2
T9500.0	505668.7	5409499.2	75628.20313	381.51	0	48.838441	-86.922748	56105.14	56247.2	2.84	56107.99	56107.98828	56059.21267	56059.21094	505668.7	5409499.2
T9500.0	505668.6	5409499.2	75628.29688	380.06	0	48.838441	-86.922749	56104.84	56247.2	2.85	56107.69	56107.69141	56054.18284	56054.18359	505668.6	5409499.2
T9500.0	505668.6	5409499.2	75628.39844	379.67	0	48.838441	-86.922749	56104.66	56247.2	2.85	56107.51	56107.51172	56051.96542	56051.96484	505668.6	5409499.2
T9500.0	505668.5	5409499.2	75628.50000	371.57	0	48.838441	-86.922750	56104.53	56247.2	2.85	56107.38	56107.37891	56050.89870	56050.89844	505668.5	5409499.2
T9500.0	505668.4	5409499.2	75628.60156	370.72	0	48.838441	-86.922751	56104.54	56247.1	2.85	56107.39	56107.39063	56053.11860	56053.11719	505668.4	5409499.2
T9500.0	505668.4	5409499.2	75628.70313	377.15	0	48.838441	-86.922751	56104.48	56247.1	2.85	56107.33	56107.32813	56053.64056	56053.64063	505668.4	5409499.2
T9500.0	505668.4	5409499.2	75628.79688	378.07	0	48.838442	-86.922752	56104.08	56247.1	2.86	56106.94	56106.94141	56046.29332	56046.29297	505668.4	5409499.2
T9500.0	505668.3	5409499.2	75628.89844	378.96	0	48.838442	-86.922753	56104.36	56247.1	2.86	56107.21	56107.21094	56054.57418	56054.57422	505668.3	5409499.2
T9500.0	505668.3	5409499.2	75629.00000	377.69	0	48.838442	-86.922753	56103.98	56247.1	2.86	56106.84	56106.83984	56047.62767	56047.62891	505668.3	5409499.2
T9500.0	505668.3	5409499.2	75629.10156	369.84	0	48.838442	-86.922753	56104.08	56247.1	2.86	56106.94	56106.94141	56051.79932	56051.80078	505668.3	5409499.2
T9500.0	505668.3	5409499.2	75629.20313	368.29	0	48.838442	-86.922753	56103.70	56247.1	2.86	56106.56	56106.55859	56044.54087	56044.53906	505668.3	5409499.2
T9500.0	505668.2	5409499.2	75629.29688	370.23	0	48.838441	-86.922754	56103.29	56247.1	2.87	56106.16	56106.16016	56036.77024	56036.76953	505668.2	5409499.2
T9500.0	505668.2	5409499.2	75629.39844	370.61	0	48.838441	-86.922755	56103.27	56247.1	2.87	56106.14	56106.14063	56037.98125	56037.98047	505668.2	5409499.2
T9500.0	505668.1	5409499.2	75629.50000	371.67	0	48.838441	-86.922756	56103.24	56247.1	2.87	56106.11	56106.10938	56038.91723	56038.91797	505668.1	5409499.2
T9500.0	505668.1	5409499.2	75629.60156	371.40	0	48.838441	-86.922756	56103.45	56247.1	2.87	56106.32	56106.32031	56045.51182	56045.51172	505668.1	5409499.2
T9500.0	505668.0	5409499.1	75629.70313	375.09	0	48.838441	-86.922757	56103.37	56247.1	2.87	56106.24	56106.23828	56045.18551	56045.18359	505668.0	5409499.1
T9500.0	505668.0	5409499.1	75629.79688	375.02	0	48.838440	-86.922758	56103.49	56247.1	2.88	56106.36	56106.35938	56049.56833	56049.56641	505668.0	5409499.1
T9500.0	505667.9	5409499.0	75629.89844	374.89	0	48.838440	-86.922758	56103.24	56247.1	2.88	56106.12	56106.12109	56045.36877	56045.36719	505667.9	5409499.0
T9500.0	505667.9	5409499.0	75630.00000	376.21	0	48.838440	-86.922758	56103.42	56247.1	2.88	56106.30	56106.30078	56051.09999	56051.10156	505667.9	5409499.0
T9500.0	505667.9	5409499.0	75630.10156	375.48	0	48.838440	-86.922759	56103.47	56247.1	2.88	56106.35	56106.35156	56053.70787	56053.70703	505667.9	5409499.0
T9500.0	505667.8	5409499.0	75630.20313	374.93	0	48.838439	-86.922759	56103.20	56247.1	2.88	56106.07	56106.07031	56048.44547	56048.44531	505667.8	5409499.0
T9500.0	505667.8	5409498.9	75630.29688	375.56	0	48.838439	-86.922760	56103.37	56247.1	2.88	56106.25	56106.25000	56054.06337	56054.06250	505667.8	5409498.9
T9500.0	505667.8	5409498.9	75630.39844	377.25	0	48.838439	-86.922760	56103.20	56247.1	2.88	56106.07	56106.07031	56051.09910	56051.09766	505667.8	5409498.9
T9500.0	505667.8	5409498.9	75630.50000	377.63	0	48.838438	-86.922760	56103.79	56247.1	2.88	56106.67	56106.67188	56066.61046	56066.60938	505667.8	5409498.9
T9500.0	505667.7	5409498.9	75630.60156	375.60	0	48.838438	-86.922761	56103.47	56247.1	2.88	56106.35	56106.35156	56060.24834	56060.25000	505667.7	5409498.9
T9500.0	505667.7	5409498.8	75630.70313	373.12	0	48.838438	-86.922762	56103.93	56247.1	2.88	56106.81	56106.80859	56072.36210	56072.36328	505667.7	5409498.8
T9500.0	505667.6	5409498.8	75630.79688	370.08	0	48.838438	-86.922763	56103.46	56247.1	2.88	56106.34	56106.33984	56062.36532	56062.36719	505667.6	5409498.8
T9500.0	505667.6	5409498.8	75630.89844	368.50	0	48.838438	-86.922763	56103.29	56247.1	2.88	56106.17	56106.17188	56059.45202	56059.45313	505667.6	5409498.8
T9500.0	505667.4	5409498.8	75631.00000	364.96	0	48.838437	-86.922765	56103.42	56247.1	2.88	56106.30	56106.30078	56063.62238	56063.62109	505667.4	5409498.8
T9500.0	505667.3	5409498.8	75631.10156	365.19	0	48.838437	-86.922766	56103.42	56247.1	2.88	56106.30	56106.30078	56064.67063	56064.67188	505667.3	5409498.8
T9500.0	505667.2	5409498.7	75631.20313	363.51	0	48.838437	-86.922768	56104.03	56247.1	2.88	56106.91	56106.91016	56080.16077	56080.16016	505667.2	5409498.7
T9500.0	505667.2	5409498.7	75631.29688	362.39	0	48.838437	-86.922768	56103.64	56247.1	2.88	56106.53	56106.53125	56072.11731	56072.11719	505667.2	5409498.7
T9500.0	505667.0	5409498.7	75631.39844	363.32	0	48.838437	-86.922770	56103.95	56247.1	2.88	56106.84	56106.83984	56080.41501	56080.41406	505667.0	5409498.7
T9500.0	505666.8	5409498.7	75631.50000	364.23	0	48.838437	-86.922773	56103.73	56247.1	2.88	56106.61	56106.60938	56075.86032	56075.85938	505666.8	5409498.7
T9500.0	505666.7	5409498.7	75631.60156	365.27	0	48.838437	-86.922775	56103.84	56247.1	2.89	56106.73	56106.73047	56079.57750	56079.57813	505666.7	5409498.7
T9500.0	505666.7	5409498.7	75631.70313	367.19	0	48.838437	-86.922775	56103.75	56247.1	2.89	56106.64	56106.64063	56078.27537	56078.27344	505666.7	5409498.7
T9500.0	505666.5	5409498.7	75631.79688	369.72	0	48.838436	-86.922778	56103.88	56247.1	2.89	56106.77	56106.76953	56082.16021	56082.16016	505666.5	5409498.7
T9500.0	505666.5	5409498.7	75631.89844	372.76	0	48.838436	-86.922778	56104.02	56247.1	2.89	56106.91	56106.91016	56086.24805	56086.25000	505666.5	5409498.7
T9500.0	505666.2	5409498.6	75632.00000	374.60	0	48.838436	-86.922781	56103.81	56247.1	2.89	56106.70	56106.69922	56081.99469	56081.99609	505666.2	5409498.6
T9500.0	505666.0	5409498.6	75632.10156	375.40	0	48.838436	-86.922784	56104.18	56247.1	2.89	56107.07	56107.07031	56091.47388	56091.47266	505666.0	5409498.6
T9500.0	505665.8	5409498.6	75632.20313	376.85	0	48.838436	-86.922787	56103.88	56247.1	2.89	56106.77	56106.76953	56085.01747	56085.01563	505665.8	5409498.6
T9500.0	505665.8	5409498.6	75632.29688	377.58	0	48.838436	-86.922787	56104.11	56247.1	2.89	56107.00	56107.00000	56091.10764	56091.10938	505665.8	5409498.6
T9500.0	505665.6	5409498.6	75632.39844	377.41	0	48.838436	-86.922790	56104.25	56247.1	2.89	56107.14	56107.14063	56095.02918	56095.02734	505665.6	5409498.6
T9500.0	505665.3	5409498.6	75632.50000	377.17	0	48.838436	-86.922793	56103.95	56247.1	2.89	56106.84	56106.83984	56088.47532	56088.47656	505665.3	5409498.6
T9500.0	505665.3	5409498.6	75632.60156	375.96	0	48.838436	-86.922793	56103.57	56247.1	2.89	56106.46	56106.46094	56079.99102	56079.99219	505665.3	5409498.6
T9500.0	505665.0	5409498.7	75632.70313	377.02	0	48.838437	-86.922798	56103.97	56247.1	2.89	56106.86	56106.85938	56089.98866	56089.98828	505665.0	5409498.7
T9500.0	505664.7	5409498.7	75632.79688	376.52	0	48.838437	-86.922801	56103.75	56247.1	2.89	56106.64	56106.64063	56085.23993	56085.23828	505664.7	5409498.7
T9500.0	505664.5	5409498.7	75632.89844	377.80	0	48.838437	-86.922805	56103.60	56247.1	2.89	56106.49	56106.48828	56082.12231	56082.12109	505664.5	5409498.7
T9500.0	505664.1	5409498.7	75633.00000	374.16	0	48.838437	-86.922810	56103.74	56247.1	2.89	56106.63	56106.62891	56085.85792	56085.85938	505664.1	5409498.7
T9500.0	505664.1	5409498.7	75633.10156	372.47	0	48.838437	-86.922810	56103.42	56247.1	2.89	56106.31	56106.30859	56078.64610	56078.64453	505664.1	5409498.7
T9500.0	505663.8	5409498.8	75633.20313	367.29	0	48.838437	-86.922815	56103.63	56247.1	2.89	56106.52	56106.51953	56083.98482	56083.98438	505663.8	5409498.8
T9500.0	505663.4	5409498.8	75633.29688	375.12	0	48.838438	-86.922819	56104.23	56247.1	2.90	56107.12	56107.12109	56098.55167	56098.55078	505663.4	5409498.8
T9500.0	505663.4	5409498.8	75633.39844	375.24	0	48.838438	-86.922819	56104.06	56247.1	2.90	56106.96	56106.96094	56095.05209	56095.05078	505663.4	5409498.8
T9500.0	505663.1	5409498.8	75633.50000	374.15	0	48.838438	-86.922824	56103.78	56247.1	2.90	56106.68	56106.67969	56088.67686	56088.67578	505663.1	5409498.8
T9500.0	505662.7	5409498.9	75633.60156	375.33	0	48.838439	-86.922829	56103.52	56247.1	2.90	56106.43	56106.42969	56082.98670	56082.98828	505662.7	5409498.9
T9500.0	505662.1	5409499.0	75633.70313	375.47	0	48.838439	-86.922837	56103.70	56247.1	2.90	56106.60	56106.60156	56087.23869	56087.23828	505662.1	5409499.0
T9500.0	505662.1	5409499.0	75633.79688	379.43	0	48.838439	-86.922837	56103.47	56247.1	2.91	56106.38	56106.37891	56082.20812	56082.20703	505662.1	5409499.0
T9500.0	505661.7	5409499.0	75633.89844	379.11	0	48.838440	-86.922843	56103.57	56247.1	2.91	56106.48	56106.48047	56084.74722	56084.74609	505661.7	5409499.0
T9500.0	505661.2	5409499.0	75634.00000	376.71	0	48.838440	-86.922849	56103.81	56247.1	2.91	56106.72	56106.71875	56090.58424	56090.58594	505661.2	5409499.0
T9500.0	505660.8	5409499.0	75634.10156	378.08	0	48.838440	-86.922855	56103.62	56247.1	2.91	56106.53	56106.53125	56086.19081	56086.19141	505660.8	5409499.0
T9500.0	505660.8	5409499.0	75634.20313	377.48	0	48.838440	-86.922855	56103.65	56247.1	2.91	56106.56	56106.55859	56086.99508	56086.99609	505660.8	5409499.0
T9500.0	505660.3	5409499.0	75634.29688	381.09	0	48.838440	-86.922862	56103.63	56247.1	2.91	56106.54	56106.53906	56086.58916	56086.58984	505660.3	5409499.0
T9500.0	505659.8	5409499.0	75634.39844	383.10	0	48.838440	-86.922868	56103.90	56247.1	2.91	56106.81	56106.80859	56093.04338	56093.04297	505659.8	5409499.0
T9500.0	505659.3	5409499.0	75634.50000	383.39	0	48.838440	-86.922876	56103.63	56247.1	2.92	56106.54	56106.53906	56086.65833	56086.66016	505659.3	5409499.0
T9500.0	505659.3	5409499.0	75634.60156	384.85	0	48.838440	-86.922876	56104.06	56247.1	2.92	56106.97	56106.96875	56096.86570	56096.86719	505659.3	5409499.0
T9500.0	505658.7	5409499.0	75634.70313	386.64	0	48.838440	-86.922883	56103.57	56247.1	2.92	56106.48	56106.48047	56085.21554	56085.21484	505658.7	5409499.0
T9500.0	505658.1	5409499.0	75634.79688	384.70	0	48.838439	-86.922892	56103.83	56247.1	2.92	56106.75	56106.75000	56091.58285	56091.58203	505658.1	5409499.0
T9500.0	505658.1	5409499.0	75634.89844	380.09	0	48.838439	-86.922892	56103.90	56247.1	2.92	56106.82	56106.82031	56093.18268	56093.18359	505658.1	5409499.0
T9500.0	505657.5	5409499.0	75635.00000	380.55	0	48.838439	-86.922900	56104.00	56247.1	2.92	56106.92	56106.92188	56095.47450	56095.47266	505657.5	5409499.0
T9500.0	505656.9	5409498.9	75635.10156	378.61	0	48.838439	-86.922908	56104.23	56247.1	2.92	56107.15	56107.14844	56100.83225	56100.83203	505656.9	5409498.9
T9500.0	505656.9	5409498.9	75635.20313	371.56	0	48.838439	-86.922908	56104.38	56247.1	2.92	56107.30	56107.30078	56104.27208	56104.27344	505656.9	5409498.9
T9500.0	505656.3	5409498.9	75635.29688	374.42	0	48.838439	-86.922917	56105.07	56247.1	2.92	56107.99	56107.98828	56120.51002	56120.51172	505656.3	5409498.9
T9500.0	505655.7	5409498.9	75635.39844	373.52	0	48.838439	-86.922924	56104.58	56247.1	2.92	56107.50	56107.50000	56108.72258	56108.72266	505655.7	5409498.9
T9500.0	505655.0	5409498.9	75635.50000	371.92	0	48.838439	-86.922934	56104.61	56247.1	2.92	56107.53	56107.53125	56109.25941	56109.25781	505655.0	5409498.9
T9500.0	505655.0	5409498.9	75635.60156	369.71	0	48.838439	-86.922934	56104.44	56247.1	2.92	56107.36	56107.35938	56105.03183	56105.03125	505655.0	5409498.9
T9500.0	505654.2	5409498.9	75635.70313	381.16	0	48.838439	-86.922945	56104.43	56247.1	2.92	56107.35	56107.35156	56104.58478	56104.58594	505654.2	5409498.9
T9500.0	505654.2	5409498.9	75635.79688	382.27	0	48.838439	-86.922945	56104.34	56247.1	2.92	56107.26	56107.26172	56102.22227	56102.22266	505654.2	5409498.9
T9500.0	505653.4	5409498.9	75635.89844	384.09	0	48.838439	-86.922957	56104.05	56247.1	2.92	56106.97	56106.96875	56095.09649	56095.09766	505653.4	5409498.9
T9500.0	505652.5	5409498.9	75636.00000	384.82	0	48.838439	-86.922968	56104.28	56247.1	2.92	56107.20	56107.19922	56100.29687	56100.29688	505652.5	5409498.9
T9500.0	505651.9	5409498.9	75636.10156	385.07	0	48.838439	-86.922977	56103.86	56247.1	2.92	56106.78	56106.78125	56090.05399	56090.05469	505651.9	5409498.9
T9500.0	505651.9	5409498.9	75636.20313	385.90	0	48.838439	-86.922977	56104.28	56247.1	2.93	56107.20	56107.19922	56099.73307	56099.73438	505651.9	5409498.9
T9500.0	505651.2	5409498.9	75636.29688	387.89	0	48.838439	-86.922986	56104.26	56247.1	2.93	56107.19	56107.19141	56099.19116	56099.19141	505651.2	5409498.9
T9500.0	505650.3	5409498.9	75636.39844	385.68	0	48.838439	-86.922998	56104.53	56247.1	2.93	56107.46	56107.46094	56105.28029	56105.28125	505650.3	5409498.9
T9500.0	505650.3	5409498.9	75636.50000	383.33	0	48.838439	-86.922998	56104.23	56247.1	2.93	56107.17	56107.17188	56098.06344	56098.06250	505650.3	5409498.9
T9500.0	505649.5	5409499.0	75636.60156	384.64	0	48.838439	-86.923009	56104.31	56247.1	2.94	56107.24	56107.23828	56099.37692	56099.37500	505649.5	5409499.0
T9500.0	505649.5	5409499.0	75636.70313	383.68	0	48.838439	-86.923009	56104.03	56247.1	2.94	56106.97	56106.96875	56092.60655	56092.60547	505649.5	5409499.0
T9500.0	505648.6	5409499.0	75636.79688	384.23	0	48.838440	-86.923021	56103.95	56247.1	2.94	56106.89	56106.89063	56090.33200	56090.33203	505648.6	5409499.0

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
T9500.0	505647.7	5409499.0	75636.89844	383.42	0	48.838440	-86.923033	56103.88	56247.1	2.95	56106.83	56106.82813	56088.51852	56088.51953	505647.7	5409499.0
T9500.0	505646.9	5409499.0	75637.00000	382.79	0	48.838440	-86.923044	56104.08	56247.1	2.95	56107.03	56107.03125	56092.86263	56092.86328	505646.9	5409499.0
T9500.0	505646.1	5409499.0	75637.10156	383.74	0	48.838440	-86.923055	56104.38	56247.1	2.95	56107.33	56107.32813	56099.56690	56099.56641	505646.1	5409499.0
T9500.0	505646.1	5409499.0	75637.20313	382.73	0	48.838440	-86.923055	56104.36	56247.1	2.95	56107.31	56107.30859	56098.66279	56098.66406	505646.1	5409499.0
T9500.0	505645.2	5409499.0	75637.29688	381.39	0	48.838440	-86.923068	56104.66	56247.1	2.95	56107.61	56107.60938	56105.34068	56105.33984	505645.2	5409499.0
T9500.0	505645.2	5409499.0	75637.39844	381.74	0	48.838440	-86.923068	56104.53	56247.1	2.95	56107.48	56107.48047	56101.79952	56101.80078	505645.2	5409499.0
T9500.0	505644.3	5409499.0	75637.50000	379.33	0	48.838440	-86.923080	56104.54	56247.1	2.95	56107.49	56107.48828	56101.56820	56101.56641	505644.3	5409499.0
T9500.0	505643.5	5409499.0	75637.60156	378.65	0	48.838440	-86.923091	56104.28	56247.1	2.95	56107.23	56107.23047	56094.91543	56094.91406	505643.5	5409499.0
T9500.0	505642.6	5409499.0	75637.70313	377.30	0	48.838440	-86.923103	56104.14	56247.1	2.95	56107.09	56107.08984	56091.09780	56091.09766	505642.6	5409499.0
T9500.0	505642.6	5409499.0	75637.79688	377.11	0	48.838440	-86.923103	56103.88	56247.1	2.95	56106.83	56106.82813	56084.41889	56084.41797	505642.6	5409499.0
T9500.0	505641.4	5409499.0	75637.89844	368.52	0	48.838439	-86.923119	56103.90	56247.1	2.95	56106.85	56106.85156	56084.37257	56084.37109	505641.4	5409499.0
T9500.0	505640.7	5409498.9	75638.00000	366.38	0	48.838439	-86.923129	56104.21	56247.1	2.95	56107.16	56107.16016	56091.19610	56091.19531	505640.7	5409498.9
T9500.0	505639.9	5409498.9	75638.10156	376.29	0	48.838439	-86.923140	56104.25	56247	2.95	56107.20	56107.19922	56091.59784	56091.59766	505639.9	5409498.9
T9500.0	505639.0	5409498.9	75638.20313	373.98	0	48.838439	-86.923152	56104.84	56247	2.95	56107.79	56107.78906	56105.04021	56105.03906	505639.0	5409498.9
T9500.0	505639.0	5409498.9	75638.29688	377.80	0	48.838439	-86.923152	56104.82	56247	2.96	56107.78	56107.78125	56104.22797	56104.22656	505639.0	5409498.9
T9500.0	505637.8	5409498.9	75638.39844	380.24	0	48.838439	-86.923169	56104.84	56247	2.96	56107.79	56107.78906	56103.87651	56103.87500	505637.8	5409498.9
T9500.0	505636.9	5409498.9	75638.50000	377.18	0	48.838439	-86.923181	56104.68	56247	2.96	56107.64	56107.64063	56099.71332	56099.71484	505636.9	5409498.9
T9500.0	505636.9	5409498.9	75638.60156	378.08	0	48.838439	-86.923181	56104.46	56247	2.96	56107.42	56107.42188	56093.87427	56093.87500	505636.9	5409498.9
T9500.0	505635.8	5409498.9	75638.70313	378.28	0	48.838439	-86.923196	56104.48	56247	2.96	56107.44	56107.44141	56093.71688	56093.71875	505635.8	5409498.9
T9500.0	505635.8	5409498.9	75638.79688	375.54	0	48.838439	-86.923196	56104.56	56247	2.97	56107.53	56107.53125	56095.20589	56095.20703	505635.8	5409498.9
T9500.0	505634.7	5409498.9	75638.89844	375.48	0	48.838439	-86.923211	56104.81	56247	2.97	56107.78	56107.78125	56100.47709	56100.47656	505634.7	5409498.9
T9500.0	505633.7	5409498.9	75639.00000	377.47	0	48.838439	-86.923224	56104.59	56247	2.97	56107.56	56107.55859	56094.57716	56094.57813	505633.7	5409498.9
T9500.0	505632.7	5409498.9	75639.10156	378.70	0	48.838439	-86.923238	56104.31	56247	2.97	56107.28	56107.28125	56087.23698	56087.23828	505632.7	5409498.9
T9500.0	505632.7	5409498.9	75639.20313	379.29	0	48.838439	-86.923238	56104.23	56247	2.97	56107.21	56107.21094	56084.86450	56084.86328	505632.7	5409498.9
T9500.0	505631.6	5409498.9	75639.29688	379.80	0	48.838439	-86.923253	56104.05	56247	2.97	56107.02	56107.01953	56079.62677	56079.62500	505631.6	5409498.9
T9500.0	505630.5	5409498.9	75639.39844	382.25	0	48.838439	-86.923268	56104.16	56247	2.97	56107.13	56107.12891	56081.49193	56081.49219	505630.5	5409498.9
T9500.0	505629.4	5409498.9	75639.50000	381.73	0	48.838439	-86.923282	56104.25	56247	2.97	56107.22	56107.21875	56082.86431	56082.86328	505629.4	5409498.9
T9500.0	505628.6	5409499.0	75639.60156	383.14	0	48.838440	-86.923294	56104.72	56247	2.98	56107.70	56107.69922	56093.47464	56093.47656	505628.6	5409499.0
T9500.0	505628.6	5409499.0	75639.70313	383.38	0	48.838440	-86.923294	56104.86	56247	2.98	56107.84	56107.83984	56095.99591	56095.99609	505628.6	5409499.0
T9500.0	505627.3	5409499.0	75639.79688	384.01	0	48.838440	-86.923311	56104.61	56247	2.98	56107.59	56107.58984	56089.24078	56089.24219	505627.3	5409499.0
T9500.0	505626.1	5409499.0	75639.89844	384.55	0	48.838440	-86.923328	56104.74	56247	2.98	56107.72	56107.71875	56091.48443	56091.48438	505626.1	5409499.0
T9500.0	505625.1	5409499.0	75640.00000	382.42	0	48.838440	-86.923342	56104.31	56247	2.98	56107.29	56107.28906	56080.41546	56080.41406	505625.1	5409499.0
T9500.0	505625.1	5409499.0	75640.10156	382.69	0	48.838440	-86.923342	56104.11	56247	2.98	56107.09	56107.08984	56074.78370	56074.78516	505625.1	5409499.0
T9500.0	505623.4	5409499.0	75640.20313	368.22	0	48.838440	-86.923365	56104.23	56247	2.98	56107.21	56107.21094	56076.72457	56076.72266	505623.4	5409499.0
T9500.0	505623.4	5409499.0	75640.29688	368.91	0	48.838440	-86.923365	56104.44	56247	2.99	56107.42	56107.42188	56080.77832	56080.77734	505623.4	5409499.0
T9500.0	505621.9	5409499.0	75640.39844	381.09	0	48.838440	-86.923385	56104.38	56247	2.99	56107.37	56107.37109	56078.63700	56078.63672	505621.9	5409499.0
T9500.0	505620.7	5409499.0	75640.50000	382.14	0	48.838440	-86.923401	56104.21	56247	2.99	56107.20	56107.19922	56073.62268	56073.62109	505620.7	5409499.0
T9500.0	505619.6	5409499.1	75640.60156	373.00	0	48.838440	-86.923416	56104.02	56247	2.99	56107.01	56107.01172	56068.10805	56068.10938	505619.6	5409499.1
T9500.0	505619.6	5409499.1	75640.70313	373.36	0	48.838440	-86.923416	56103.98	56247	2.99	56106.97	56106.96875	56066.12717	56066.12891	505619.6	5409499.1
T9500.0	505618.1	5409499.1	75640.79688	373.76	0	48.838441	-86.923438	56104.53	56247	3.00	56107.53	56107.53125	56078.35987	56078.35938	505618.1	5409499.1
T9500.0	505618.1	5409499.1	75640.89844	370.37	0	48.838441	-86.923438	56104.54	56247	3.00	56107.54	56107.53906	56077.51020	56077.51172	505618.1	5409499.1
T9500.0	505617.2	5409499.1	75641.00000	378.27	0	48.838441	-86.923449	56104.73	56247	3.00	56107.73	56107.73047	56080.90368	56080.90234	505617.2	5409499.1
T9500.0	505616.3	5409499.1	75641.10156	380.60	0	48.838441	-86.923462	56104.72	56247	3.00	56107.72	56107.71875	56079.52015	56079.51953	505616.3	5409499.1
T9500.0	505614.9	5409499.1	75641.20313	382.59	0	48.838441	-86.923481	56105.12	56247	3.00	56108.12	56108.12109	56087.83690	56087.83594	505614.9	5409499.1
T9500.0	505614.9	5409499.1	75641.29688	368.71	0	48.838441	-86.923481	56104.98	56247	3.00	56107.98	56107.98047	56083.30488	56083.30469	505614.9	5409499.1
T9500.0	505613.8	5409499.1	75641.39844	368.16	0	48.838441	-86.923495	56104.91	56247	3.00	56107.91	56107.91016	56080.40135	56080.40234	505613.8	5409499.1
T9500.0	505612.7	5409499.1	75641.50000	366.42	0	48.838441	-86.923511	56105.02	56247	3.00	56108.02	56108.01953	56081.73613	56081.73438	505612.7	5409499.1
T9500.0	505611.8	5409499.1	75641.60156	367.56	0	48.838441	-86.923523	56104.84	56247	3.00	56107.84	56107.83984	56076.15282	56076.15234	505611.8	5409499.1
T9500.0	505611.8	5409499.1	75641.70313	368.60	0	48.838441	-86.923523	56105.09	56247	3.00	56108.09	56108.08984	56080.73947	56080.73828	505611.8	5409499.1
T9500.0	505610.5	5409499.1	75641.79688	379.61	0	48.838441	-86.923541	56104.72	56247	3.00	56107.72	56107.71875	56070.57344	56070.57422	505610.5	5409499.1
T9500.0	505609.0	5409499.1	75641.89844	380.42	0	48.838441	-86.923562	56104.94	56247	3.00	56107.94	56107.94141	56074.37281	56074.37109	505609.0	5409499.1
T9500.0	505607.8	5409499.1	75642.00000	379.44	0	48.838441	-86.923577	56104.88	56247	3.00	56107.88	56107.87891	56071.48718	56071.48828	505607.8	5409499.1
T9500.0	505606.7	5409499.1	75642.10156	380.40	0	48.838441	-86.923592	56105.34	56247	3.00	56108.34	56108.33984	56080.90334	56080.90234	505606.7	5409499.1
T9500.0	505606.7	5409499.1	75642.20313	379.41	0	48.838441	-86.923592	56105.57	56247	3.00	56108.57	56108.57031	56084.81904	56084.82031	505606.7	5409499.1
T9500.0	505605.6	5409499.1	75642.29688	378.10	0	48.838441	-86.923608	56105.85	56247	3.00	56108.85	56108.85156	56089.87891	56089.87891	505605.6	5409499.1
T9500.0	505604.6	5409499.2	75642.39844	376.47	0	48.838441	-86.923622	56106.16	56247	3.00	56109.16	56109.16016	56095.60712	56095.60547	505604.6	5409499.2
T9500.0	505603.3	5409499.2	75642.50000	377.39	0	48.838442	-86.923639	56106.16	56247	3.00	56109.16	56109.16016	56093.93270	56093.93359	505603.3	5409499.2
T9500.0	505603.3	5409499.2	75642.60156	376.10	0	48.838442	-86.923639	56105.85	56247	3.00	56108.85	56108.85156	56084.85450	56084.85547	505603.3	5409499.2
T9500.0	505601.9	5409499.2	75642.70313	376.17	0	48.838442	-86.923657	56105.77	56247	3.00	56108.77	56108.76953	56081.18816	56081.18750	505601.9	5409499.2
T9500.0	505601.9	5409499.2	75642.79688	373.97	0	48.838442	-86.923657	56105.68	56247	3.00	56108.68	56108.67969	56077.23617	56077.23438	505601.9	5409499.2
T9500.0	505600.7	5409499.2	75642.89844	374.41	0	48.838442	-86.923674	56105.42	56247	3.00	56108.42	56108.42188	56069.19979	56069.19922	505600.7	5409499.2
T9500.0	505599.3	5409499.2	75643.00000	374.63	0	48.838442	-86.923693	56105.46	56247	3.00	56108.46	56108.46094	56068.23322	56068.23438	505599.3	5409499.2
T9500.0	505599.3	5409499.2	75643.10156	374.70	0	48.838442	-86.923693	56105.19	56247	3.00	56108.19	56108.19141	56059.85704	56059.85547	505599.3	5409499.2
T9500.0	505598.0	5409499.2	75643.20313	378.12	0	48.838442	-86.923711	56105.72	56247	3.00	56108.73	56108.73047	56070.65310	56070.65234	505598.0	5409499.2
T9500.0	505596.2	5409499.2	75643.29688	379.54	0	48.838442	-86.923736	56105.88	56247	3.01	56108.88	56108.87891	56072.13841	56072.13672	505596.2	5409499.2
T9500.0	505594.9	5409499.2	75643.39844	380.43	0	48.838442	-86.923753	56106.25	56247	3.01	56109.26	56109.26172	56079.02742	56079.02734	505594.9	5409499.2
T9500.0	505594.9	5409499.2	75643.50000	381.18	0	48.838442	-86.923753	56106.43	56247	3.01	56109.44	56109.44141	56081.11296	56081.11328	505594.9	5409499.2
T9500.0	505593.3	5409499.2	75643.60156	382.30	0	48.838442	-86.923775	56106.51	56247	3.01	56109.52	56109.51953	56080.76737	56080.76563	505593.3	5409499.2
T9500.0	505592.1	5409499.2	75643.70313	381.32	0	48.838442	-86.923792	56106.70	56247	3.01	56109.72	56109.71875	56083.21113	56083.21094	505592.1	5409499.2
T9500.0	505592.1	5409499.2	75643.79688	383.34	0	48.838442	-86.923792	56106.58	56247	3.02	56109.60	56109.60156	56077.99978	56078.00000	505592.1	5409499.2
T9500.0	505590.9	5409499.2	75643.89844	383.14	0	48.838442	-86.923808	56106.69	56247	3.02	56109.71	56109.71094	56078.18631	56078.18750	505590.9	5409499.2
T9500.0	505589.7	5409499.2	75644.00000	382.18	0	48.838442	-86.923825	56106.78	56247	3.02	56109.80	56109.80078	56077.83589	56077.83594	505589.7	5409499.2
T9500.0	505589.7	5409499.2	75644.10156	379.68	0	48.838442	-86.923825	56106.76	56247	3.02	56109.78	56109.78125	56074.81126	56074.81250	505589.7	5409499.2
T9500.0	505587.9	5409499.2	75644.20313	369.68	0	48.838442	-86.923849	56106.66	56247	3.02	56109.68	56109.67969	56069.82333	56069.82422	505587.9	5409499.2
T9500.0	505586.6	5409499.2	75644.29688	369.83	0	48.838442	-86.923867	56107.11	56247	3.02	56110.13	56110.12891	56077.82394	56077.82422	505586.6	5409499.2
T9500.0	505585.5	5409499.1	75644.39844	369.24	0	48.838442	-86.923881	56107.17	56247	3.02	56110.18	56110.17969	56076.26392	56076.26563	505585.5	5409499.1
T9500.0	505584.5	5409499.1	75644.50000	370.00	0	48.838441	-86.923894	56107.21	56247	3.01	56110.23	56110.23047	56074.63612	56074.63672	505584.5	5409499.1
T9500.0	505584.5	5409499.1	75644.60156	369.07	0	48.838441	-86.923894	56107.63	56247	3.01	56110.64	56110.64063	56081.48401	56081.48438	505584.5	5409499.1
T9500.0	505583.3	5409499.1	75644.70313	370.22	0	48.838441	-86.923912	56107.46	56247	3.01	56110.47	56110.46875	56074.49580	56074.49609	505583.3	5409499.1
T9500.0	505581.9	5409499.1	75644.79688	367.92	0	48.838441	-86.923931	56107.54	56247	3.01	56110.55	56110.55078	56073.37039	56073.37109	505581.9	5409499.1
T9500.0	505580.4	5409499.1	75644.89844	369.17	0	48.838441	-86.923951	56107.24	56247	3.01	56110.25	56110.25000	56063.15382	56063.15234	505580.4	5409499.1
T9500.0	505580.4	5409499.1	75645.00000	367.16	0	48.838441	-86.923951	56107.77	56247	3.01	56110.78	56110.78125	56072.56425	56072.56250	505580.4	5409499.1
T9500.0	505579.4	5409499.1	75645.10156	367.56	0	48.838441	-86.923965	56107.79	56247	3.01	56110.80	56110.80078	56069.79603	56069.79688	505579.4	5409499.1
T9500.0	505579.4	5409499.1	75645.20313	367.41	0	48.838441	-86.923965	56108.18	56247	3.01	56111.19	56111.19141	56075.73488	56075.73438	505579.4	5409499.1
T9500.0	505576.4	5409499.1	75645.29688	366.91	0	48.838441	-86.924005	56108.44	56247	3.01	56111.45	56111.44922	56078.51246	56078.51172	505576.4	5409499.1
T9500.0	505576.4	5409499.1	75645.39844	368.25	0	48.838441	-86.924005	56108.81	56247	3.01	56111.82	56111.82031	56083.82425	56083.82422	505576.4	5409499.1
T9500.0	505575.4	5409499.1	75645.50000	369.94	0	48.838441	-86.924019	56108.98	56247	3.01	56111.99	56111.98828	56084.31156	56084.31250	505575.4	5409499.1
T9500.0	505574.1	5409499.1	75645.60156	370.01	0	48.838441	-86.924037	56108.63	56247	3.01	56111.64	56111.64063	56072.37843	56072.37891	505574.1	5409499.1
T9500.0	505574.1	5409499.1	75645.70313	369.38	0	48.838441	-86.924037	56108.94	56247	3.01	56111.95	56111.94922	56076.03113	56076.03125	505574.1	5409499.1
T9500.0	505573.0	5409499.1	75645.79688	371.71	0	48.838441	-86.924051	56108.91	56247	3.01	56111.92	56111.92188	56071.53406	56071.53516	505573.0	5409499.1
T9500.0	505571.1	5409499.0	75645.89844	374.73	0	48.838441	-86.924077	56109.24	56247	3.01	56112.25	56112.25000	56075.50085	56075.50000	505571.1	5409499.0
T9500.0	505571.1	5409499.0	75646.00000	372.74	0	48.838441	-86.924077	56109.29	56247	3.01	56112.30	56112.30078	56072.74048	56072.74219	505571.1	5409499.0
T9500.0	505569.9	5409499.0	75646.10156	374.20	0	48.838441	-86.924093	56109.62	56247	3.01	56112.63	56112.62891	56076.54377	56076.54297	505569.9	5409499.0

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
T9500.0	505568.4	5409499.0	75646.20313	374.42	0	48.838441	-86.924115	56109.70	56247	3.01	56112.71	56112.71094	56074.33062	56074.33203	505568.4	5409499.0
T9500.0	505568.4	5409499.0	75646.29688	387.35	0	48.838441	-86.924115	56109.46	56247	3.02	56112.48	56112.48047	56064.67631	56064.67578	505568.4	5409499.0
T9500.0	505566.9	5409499.0	75646.39844	389.54	0	48.838441	-86.924135	56109.56	56247	3.02	56112.58	56112.57813	56062.77055	56062.76953	505566.9	5409499.0
T9500.0	505565.8	5409499.0	75646.50000	387.97	0	48.838441	-86.924149	56109.75	56247	3.02	56112.77	56112.76953	56062.91644	56062.91797	505565.8	5409499.0
T9500.0	505564.5	5409499.0	75646.60156	388.09	0	48.838441	-86.924167	56110.32	56247	3.02	56113.35	56113.35156	56072.23392	56072.23438	505564.5	5409499.0
T9500.0	505564.5	5409499.0	75646.70313	375.93	0	48.838441	-86.924167	56110.66	56247	3.02	56113.68	56113.67969	56075.53222	56075.53125	505564.5	5409499.0
T9500.0	505562.7	5409499.0	75646.79688	373.23	0	48.838441	-86.924192	56110.83	56247	3.03	56113.86	56113.85938	56075.18440	56075.18359	505562.7	5409499.0
T9500.0	505561.4	5409499.0	75646.89844	374.98	0	48.838441	-86.924210	56110.96	56247	3.03	56113.99	56113.98828	56073.56355	56073.56250	505561.4	5409499.0
T9500.0	505559.8	5409499.1	75647.00000	378.11	0	48.838441	-86.924231	56110.88	56247	3.03	56113.91	56113.91016	56066.87174	56066.87109	505559.8	5409499.1
T9500.0	505559.8	5409499.1	75647.10156	379.35	0	48.838441	-86.924231	56110.78	56247	3.03	56113.81	56113.80859	56059.61829	56059.61719	505559.8	5409499.1
T9500.0	505558.3	5409499.1	75647.20313	379.34	0	48.838441	-86.924252	56111.04	56247	3.03	56114.06	56114.05859	56060.58481	56060.58594	505558.3	5409499.1
T9500.0	505557.0	5409499.1	75647.29688	378.03	0	48.838441	-86.924270	56111.41	56247	3.02	56114.44	56114.44141	56064.54941	56064.55078	505557.0	5409499.1
T9500.0	505556.1	5409499.1	75647.39844	378.12	0	48.838441	-86.924282	56111.70	56247	3.02	56114.72	56114.71875	56066.05291	56066.05469	505556.1	5409499.1
T9500.0	505556.1	5409499.1	75647.50000	387.62	0	48.838441	-86.924282	56111.56	56247	3.02	56114.58	56114.57813	56057.50003	56057.50000	505556.1	5409499.1
T9500.0	505554.3	5409499.1	75647.60156	388.52	0	48.838442	-86.924306	56111.64	56247	3.02	56114.66	56114.66016	56054.08095	56054.08203	505554.3	5409499.1
T9500.0	505554.3	5409499.1	75647.70313	388.06	0	48.838442	-86.924306	56111.92	56247	3.02	56114.93	56114.92969	56055.08359	56055.08203	505554.3	5409499.1
T9500.0	505552.9	5409499.1	75647.79688	386.31	0	48.838442	-86.924326	56112.25	56247	3.01	56115.26	56115.26172	56057.42242	56057.42188	505552.9	5409499.1
T9500.0	505551.5	5409499.2	75647.89844	386.54	0	48.838442	-86.924345	56112.53	56247	3.01	56115.54	56115.53906	56058.48665	56058.48828	505551.5	5409499.2
T9500.0	505549.7	5409499.2	75648.00000	372.94	0	48.838442	-86.924369	56112.98	56247	3.01	56115.99	56115.98828	56063.49804	56063.49609	505549.7	5409499.2
T9500.0	505549.7	5409499.2	75648.10156	370.52	0	48.838442	-86.924369	56113.48	56247	3.01	56116.49	56116.48828	56069.60854	56069.60938	505549.7	5409499.2
T9500.0	505548.3	5409499.2	75648.20313	368.32	0	48.838443	-86.924389	56114.09	56247	3.01	56117.10	56117.10156	56078.24243	56078.24219	505548.3	5409499.2
T9500.0	505548.3	5409499.2	75648.29688	363.56	0	48.838443	-86.924389	56114.68	56247	3.01	56117.69	56117.69141	56086.31441	56086.31250	505548.3	5409499.2
T9500.0	505546.5	5409499.3	75648.39844	375.00	0	48.838443	-86.924413	56114.75	56247	3.01	56117.76	56117.76172	56081.95735	56081.95703	505546.5	5409499.3
T9500.0	505545.4	5409499.3	75648.50000	374.71	0	48.838443	-86.924428	56114.91	56247	3.01	56117.92	56117.92188	56079.64982	56079.64844	505545.4	5409499.3
T9500.0	505543.8	5409499.3	75648.60156	372.26	0	48.838443	-86.924450	56114.93	56247	3.01	56117.94	56117.94141	56073.93319	56073.93359	505543.8	5409499.3
T9500.0	505543.8	5409499.3	75648.70313	369.02	0	48.838443	-86.924450	56115.14	56247	3.01	56118.15	56118.14844	56072.64038	56072.64063	505543.8	5409499.3
T9500.0	505542.5	5409499.3	75648.79688	368.81	0	48.838444	-86.924467	56115.20	56247	3.01	56118.21	56118.21094	56067.70202	56067.70313	505542.5	5409499.3
T9500.0	505541.0	5409499.4	75648.89844	370.75	0	48.838444	-86.924488	56115.57	56247	3.01	56118.58	56118.57813	56070.03665	56070.03516	505541.0	5409499.4
T9500.0	505539.4	5409499.4	75649.00000	364.41	0	48.838444	-86.924510	56116.06	56247	3.01	56119.07	56119.07031	56075.13523	56075.13672	505539.4	5409499.4
T9500.0	505539.4	5409499.4	75649.10156	365.68	0	48.838444	-86.924510	56116.29	56247	3.01	56119.30	56119.30078	56073.97913	56073.98047	505539.4	5409499.4
T9500.0	505537.9	5409499.4	75649.20313	376.34	0	48.838445	-86.924530	56116.71	56247	3.01	56119.72	56119.71875	56077.24971	56077.25000	505537.9	5409499.4
T9500.0	505536.4	5409499.5	75649.29688	380.22	0	48.838445	-86.924551	56116.68	56247	3.01	56119.68	56119.67969	56069.52003	56069.51953	505536.4	5409499.5
T9500.0	505535.1	5409499.5	75649.39844	371.03	0	48.838445	-86.924569	56116.85	56247	3.01	56119.86	56119.85938	56066.93055	56066.92969	505535.1	5409499.5
T9500.0	505535.1	5409499.5	75649.50000	369.64	0	48.838445	-86.924569	56116.75	56247	3.00	56119.75	56119.75000	56057.37731	56057.37891	505535.1	5409499.5
T9500.0	505533.5	5409499.5	75649.60156	382.04	0	48.838445	-86.924590	56116.77	56247	3.00	56119.78	56119.78125	56051.06716	56051.06641	505533.5	5409499.5
T9500.0	505532.3	5409499.5	75649.60156	382.04	0	48.838446	-86.924606	56117.54	56247	3.00	56120.54	56120.53906	56062.00454	56062.00391	505532.3	5409499.5
T9500.0	505531.0	5409499.6	75649.79688	381.99	0	48.838446	-86.924624	56118.04	56247	3.00	56121.04	56121.03906	56066.69294	56066.69141	505531.0	5409499.6
T9500.0	505531.0	5409499.6	75649.79688	384.34	0	48.838446	-86.924624	56118.36	56247	3.00	56121.36	56121.35938	56067.03214	56067.03125	505531.0	5409499.6
T9500.0	505529.2	5409499.6	75650.00000	387.68	0	48.838446	-86.924649	56118.75	56247	3.00	56121.75	56121.75000	56068.95689	56068.95703	505529.2	5409499.6
T9500.0	505528.1	5409499.6	75650.10156	384.55	0	48.838447	-86.924664	56119.48	56247	3.00	56122.48	56122.48047	56078.87669	56078.87500	505528.1	5409499.6
T9500.0	505528.1	5409499.6	75650.20313	385.17	0	48.838447	-86.924664	56119.73	56247	3.00	56122.73	56122.73047	56077.33013	56077.33203	505528.1	5409499.6
T9500.0	505526.7	5409499.7	75650.29688	385.17	0	48.838447	-86.924683	56119.91	56247	3.00	56122.91	56122.91016	56074.04967	56074.05078	505526.7	5409499.7
T9500.0	505525.6	5409499.7	75650.39844	381.27	0	48.838447	-86.924698	56120.24	56247	3.00	56123.24	56123.23828	56074.25819	56074.25781	505525.6	5409499.7
T9500.0	505524.2	5409499.7	75650.50000	367.04	0	48.838447	-86.924717	56120.70	56247	3.00	56123.69	56123.69141	56077.24493	56077.24609	505524.2	5409499.7
T9500.0	505524.2	5409499.7	75650.60156	367.09	0	48.838447	-86.924717	56120.92	56247	2.99	56123.91	56123.91016	56074.70402	56074.70313	505524.2	5409499.7
T9500.0	505522.4	5409499.7	75650.70313	377.31	0	48.838447	-86.924741	56121.43	56247	2.99	56124.43	56124.42969	56079.21626	56079.21484	505522.4	5409499.7
T9500.0	505520.8	5409499.7	75650.79688	380.60	0	48.838447	-86.924763	56121.98	56247	2.99	56124.97	56124.96875	56084.13732	56084.13672	505520.8	5409499.7
T9500.0	505519.5	5409499.7	75650.89844	373.51	0	48.838448	-86.924781	56122.40	56247	2.99	56125.39	56125.39063	56086.14575	56086.14453	505519.5	5409499.7
T9500.0	505519.5	5409499.7	75651.00000	372.46	0	48.838448	-86.924781	56122.95	56247	2.99	56125.93	56125.92969	56090.93939	56090.93750	505519.5	5409499.7
T9500.0	505517.8	5409499.7	75651.10156	382.92	0	48.838448	-86.924804	56123.40	56247	2.99	56126.39	56126.39063	56093.77281	56093.77344	505517.8	5409499.7
T9500.0	505517.8	5409499.7	75651.20313	379.08	0	48.838448	-86.924804	56123.79	56247	2.99	56126.78	56126.78125	56094.88490	56094.88672	505517.8	5409499.7
T9500.0	505516.4	5409499.7	75651.29688	379.21	0	48.838448	-86.924823	56124.29	56247	2.99	56127.29	56127.28906	56098.78689	56098.78516	505516.4	5409499.7
T9500.0	505514.8	5409499.7	75651.39844	382.57	0	48.838447	-86.924845	56124.44	56247	2.99	56127.43	56127.42969	56093.85033	56093.85156	505514.8	5409499.7
T9500.0	505512.8	5409499.7	75651.50000	384.86	0	48.838447	-86.924872	56124.84	56247	2.99	56127.84	56127.83984	56095.26720	56095.26563	505512.8	5409499.7
T9500.0	505512.8	5409499.7	75651.60156	383.44	0	48.838447	-86.924872	56125.38	56247	3.00	56128.37	56128.37109	56099.47897	56099.48047	505512.8	5409499.7
T9500.0	505511.1	5409499.7	75651.70313	381.66	0	48.838447	-86.924895	56126.06	56247	3.00	56129.06	56129.05859	56107.43677	56107.43750	505511.1	5409499.7
T9500.0	505509.7	5409499.7	75651.79688	369.66	0	48.838447	-86.924914	56126.75	56247	3.00	56129.74	56129.73828	56115.10745	56115.10938	505509.7	5409499.7
T9500.0	505509.7	5409499.7	75651.89844	369.21	0	48.838447	-86.924914	56127.10	56247	3.00	56130.10	56130.10156	56115.13502	56115.13672	505509.7	5409499.7
T9500.0	505508.4	5409499.7	75652.00000	379.92	0	48.838447	-86.924932	56127.34	56247	3.00	56130.34	56130.33984	56112.26828	56112.26953	505508.4	5409499.7
T9500.0	505506.7	5409499.7	75652.10156	379.76	0	48.838447	-86.924955	56127.52	56247	3.00	56130.52	56130.51953	56107.93316	56107.93359	505506.7	5409499.7
T9500.0	505506.7	5409499.7	75652.20313	372.10	0	48.838447	-86.924955	56127.91	56247	3.00	56130.91	56130.91016	56108.53998	56108.53906	505506.7	5409499.7
T9500.0	505505.1	5409499.6	75652.29688	370.44	0	48.838447	-86.924977	56128.26	56247	2.99	56131.25	56131.25000	56107.91959	56107.91797	505505.1	5409499.6
T9500.0	505503.5	5409499.6	75652.39844	369.18	0	48.838447	-86.924999	56128.64	56247	2.99	56131.63	56131.62891	56108.21006	56108.21094	505503.5	5409499.6
T9500.0	505503.5	5409499.6	75652.50000	369.59	0	48.838447	-86.924999	56129.05	56247	2.99	56132.04	56132.03906	56109.17602	56109.17578	505503.5	5409499.6
T9500.0	505502.2	5409499.7	75652.60156	371.99	0	48.838447	-86.925017	56129.19	56247	2.99	56132.18	56132.17969	56103.69900	56103.69922	505502.2	5409499.7
T9500.0	505501.2	5409499.7	75652.70313	376.24	0	48.838447	-86.925030	56129.93	56247	2.99	56132.92	56132.92188	56112.43032	56112.42969	505501.2	5409499.7
T9500.0	505498.9	5409499.7	75652.79688	377.09	0	48.838447	-86.925061	56130.03	56247	2.98	56133.01	56133.01172	56105.70346	56105.70313	505498.9	5409499.7
T9500.0	505498.9	5409499.7	75652.89844	377.77	0	48.838447	-86.925061	56130.14	56247	2.98	56133.12	56133.12109	56099.42282	56099.42188	505498.9	5409499.7
T9500.0	505497.4	5409499.7	75653.00000	375.22	0	48.838447	-86.925081	56130.56	56247	2.98	56133.54	56133.53906	56100.47356	56100.47266	505497.4	5409499.7
T9500.0	505496.2	5409499.7	75653.10156	369.99	0	48.838448	-86.925098	56131.20	56247	2.98	56134.18	56134.17969	56106.72163	56106.72266	505496.2	5409499.7
T9500.0	505495.1	5409499.7	75653.20313	368.73	0	48.838448	-86.925113	56131.37	56247	2.98	56134.36	56134.35938	56102.02945	56102.03125	505495.1	5409499.7
T9500.0	505493.7	5409499.7	75653.29688	372.13	0	48.838448	-86.925132	56132.03	56247	2.99	56135.02	56135.01953	56108.70986	56108.71094	505493.7	5409499.7
T9500.0	505493.7	5409499.7	75653.39844	374.58	0	48.838448	-86.925132	56132.74	56247	2.99	56135.73	56135.73047	56116.55901	56116.55859	505493.7	5409499.7
T9500.0	505491.9	5409499.7	75653.50000	371.83	0	48.838448	-86.925157	56133.57	56247	2.99	56136.56	56136.55859	56127.24047	56127.24219	505491.9	5409499.7
T9500.0	505490.2	5409499.7	75653.60156	369.07	0	48.838448	-86.925180	56134.06	56247	2.99	56137.05	56137.05078	56129.83837	56129.83984	505490.2	5409499.7
T9500.0	505490.2	5409499.7	75653.70313	367.89	0	48.838448	-86.925180	56134.28	56247	2.99	56137.27	56137.26953	56126.01628	56126.01563	505490.2	5409499.7
T9500.0	505488.7	5409499.7	75653.79688	367.72	0	48.838448	-86.925200	56134.94	56247	3.00	56137.93	56137.92969	56132.62809	56132.62891	505488.7	5409499.7
T9500.0	505487.0	5409499.7	75653.89844	366.37	0	48.838448	-86.925223	56134.54	56247	3.00	56137.53	56137.53125	56114.07372	56114.07422	505487.0	5409499.7
T9500.0	505485.8	5409499.7	75654.00000	366.36	0	48.838448	-86.925241	56135.27	56247	3.00	56138.27	56138.26953	56122.57195	56122.57031	505485.8	5409499.7
T9500.0	505485.8	5409499.7	75654.10156	365.75	0	48.838448	-86.925241	56135.36	56247	3.00	56138.36	56138.35938	56115.63961	56115.64063	505485.8	5409499.7
T9500.0	505484.4	5409499.7	75654.20313	366.95	0	48.838448	-86.925259	56136.86	56247	3.00	56139.86	56139.85938	56142.17260	56142.17188	505484.4	5409499.7
T9500.0	505484.4	5409499.7	75654.29688	369.61	0	48.838448	-86.925259	56137.39	56247	3.00	56140.39	56140.39063	56145.68419	56145.68359	505484.4	5409499.7
T9500.0	505482.7	5409499.7	75654.39844	372.69	0	48.838447	-86.925283	56137.75	56247	3.00	56140.74	56140.73828	56144.92705	56144.92578	505482.7	5409499.7
T9500.0	505481.0	5409499.6	75654.50000	373.39	0	48.838447	-86.925305	56138.25	56247	3.00	56141.25	56141.25000	56147.97317	56147.97266	505481.0	5409499.6
T9500.0	505481.0	5409499.6	75654.60156	373.25	0	48.838447	-86.925305	56138.63	56247	2.99	56141.62	56141.62109	56147.70426	56147.70313	505481.0	5409499.6
T9500.0	505479.8	5409499.6	75654.70313	372.21	0	48.838446	-86.925322	56139.06	56247	2.99	56142.05	56142.05078	56148.86942	56148.87109	505479.8	5409499.6
T9500.0	505478.4	5409499.6	75654.79688	370.61	0	48.838446	-86.925341	56139.04	56247	2.99	56142.03	56142.03125	56139.36601	56139.36719	505478.4	5409499.6
T9500.0	505477.0	5409499.5	75654.89844	372.47	0	48.838446	-86.925359	56139.95	56247	2.99	56142.94	56142.94141	56151.95021	56151.94922	505477.0	5409499.5
T9500.0	505477.0	5409499.5	75655.00000	368.81	0	48.838446	-86.925359	56140.02	56247	2.99	56143.01	56143.01172	56144.61348	56144.61328	505477.0	5409499.5
T9500.0	505475.3	5409499.5	75655.10156	369.24	0	48.838446	-86.925383	56140.78	56247	2.99	56143.77	56143.76953	56153.67221	56153.67188	505475.3	5409499.5
T9500.0	505474.2	5409499.5	75655.20313	369.03	0	48.838445	-86.925397	56140.93	56247	2.99	56143.91	56143.91016	56148.03582	56148.03516	505474.2	5409499.5
T9500.0	505472.8	5409499.4	75655.29688	368.76	0	48.838445	-86.925417	56141.46	56247	2.98	56144.45	56144.44922	56151.91592	56151.91406	505472.8	5409499.4
T9500.0	505472.8	5409499.4	75655.39844	369.47	0	48.838445	-86.925417	56141.86	56247	2.98	56144.84	56144.83984	56152.26038	56152.26172	505472.8	5409499.4

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
T9500.0	505471.2	5409499.4	75655.50000	371.36	0	48.838445	-86.925438	56141.99	56247	2.98	56144.97	56144.96875	56146.46039	56146.46094	505471.2	5409499.4
T9500.0	505471.2	5409499.4	75655.60156	373.71	0	48.838445	-86.925438	56142.61	56247	2.98	56145.59	56145.58984	56152.31906	56152.32031	505471.2	5409499.4
T9500.0	505469.4	5409499.4	75655.70313	374.11	0	48.838445	-86.925463	56142.86	56247	2.98	56145.83	56145.82813	56149.18908	56149.18750	505469.4	5409499.4
T9500.0	505468.1	5409499.4	75655.79688	373.15	0	48.838445	-86.925481	56143.91	56247	2.97	56146.88	56146.87891	56165.31682	56165.31641	505468.1	5409499.4
T9500.0	505467.0	5409499.4	75655.89844	372.29	0	48.838445	-86.925497	56144.00	56247	2.97	56146.97	56146.96875	56158.69358	56158.69531	505467.0	5409499.4
T9500.0	505467.0	5409499.4	75656.00000	370.45	0	48.838445	-86.925497	56144.70	56247	2.97	56147.67	56147.67188	56166.58492	56166.58594	505467.0	5409499.4
T9500.0	505465.5	5409499.4	75656.10156	365.98	0	48.838445	-86.925517	56145.06	56247	2.97	56148.02	56148.01953	56166.20727	56166.20703	505465.5	5409499.4
T9500.0	505464.0	5409499.4	75656.20313	363.90	0	48.838445	-86.925538	56145.27	56247	2.97	56148.23	56148.23047	56162.54679	56162.54688	505464.0	5409499.4
T9500.0	505464.0	5409499.4	75656.29688	363.20	0	48.838445	-86.925538	56145.51	56247	2.96	56148.48	56148.48047	56159.87754	56159.87891	505464.0	5409499.4
T9500.0	505462.6	5409499.4	75656.39844	361.74	0	48.838445	-86.925557	56145.56	56247	2.96	56148.52	56148.51953	56152.26760	56152.26953	505462.6	5409499.4
T9500.0	505461.5	5409499.4	75656.50000	362.87	0	48.838445	-86.925571	56146.68	56247	2.96	56149.64	56149.64063	56170.33663	56170.33594	505461.5	5409499.4
T9500.0	505461.5	5409499.4	75656.60156	376.43	0	48.838445	-86.925571	56147.00	56247	2.96	56149.95	56149.94922	56169.22749	56169.22656	505461.5	5409499.4
T9500.0	505460.0	5409499.4	75656.70313	377.46	0	48.838445	-86.925592	56147.58	56247	2.96	56150.54	56150.53906	56174.81283	56174.81250	505460.0	5409499.4
T9500.0	505458.5	5409499.5	75656.79688	364.66	0	48.838445	-86.925613	56147.44	56247	2.95	56150.39	56150.39063	56162.88473	56162.88281	505458.5	5409499.5
T9500.0	505457.6	5409499.5	75656.89844	367.78	0	48.838445	-86.925624	56148.16	56247	2.95	56151.12	56151.12109	56171.89521	56171.89453	505457.6	5409499.5
T9500.0	505457.6	5409499.5	75657.00000	379.54	0	48.838445	-86.925624	56148.60	56247.1	2.95	56151.55	56151.55078	56173.83872	56173.83984	505457.6	5409499.5
T9500.0	505456.1	5409499.5	75657.10156	382.60	0	48.838446	-86.925645	56149.26	56247	2.95	56152.21	56152.21094	56181.29623	56181.29688	505456.1	5409499.5
T9500.0	505454.9	5409499.5	75657.20313	383.73	0	48.838445	-86.925660	56149.54	56247	2.95	56152.49	56152.48828	56179.79094	56179.78906	505454.9	5409499.5
T9500.0	505453.8	5409499.5	75657.29688	384.65	0	48.838445	-86.925676	56149.55	56247	2.95	56152.50	56152.50000	56171.93511	56171.93359	505453.8	5409499.5
T9500.0	505453.8	5409499.5	75657.39844	384.94	0	48.838445	-86.925676	56150.22	56247	2.95	56153.18	56153.17969	56180.04085	56180.03906	505453.8	5409499.5
T9500.0	505452.7	5409499.4	75657.50000	385.98	0	48.838445	-86.925691	56150.62	56247	2.95	56153.58	56153.57813	56181.56140	56181.56250	505452.7	5409499.4
T9500.0	505451.4	5409499.4	75657.60156	385.80	0	48.838445	-86.925709	56151.31	56247	2.96	56154.26	56154.26172	56189.78955	56189.78906	505451.4	5409499.4
T9500.0	505451.4	5409499.4	75657.70313	376.87	0	48.838445	-86.925709	56151.15	56247	2.96	56154.11	56154.10938	56178.38087	56178.38281	505451.4	5409499.4
T9500.0	505450.5	5409499.4	75657.79688	375.85	0	48.838445	-86.925721	56152.09	56247	2.96	56155.05	56155.05078	56192.90741	56192.90625	505450.5	5409499.4
T9500.0	505449.2	5409499.4	75657.89844	383.73	0	48.838445	-86.925739	56152.22	56247	2.96	56155.18	56155.17969	56188.27414	56188.27344	505449.2	5409499.4
T9500.0	505449.2	5409499.4	75658.00000	383.10	0	48.838445	-86.925739	56152.84	56247	2.96	56155.80	56155.80078	56195.33741	56195.33594	505449.2	5409499.4
T9500.0	505447.7	5409499.3	75658.10156	372.70	0	48.838444	-86.925759	56153.21	56247	2.96	56156.17	56156.17188	56196.53449	56196.53516	505447.7	5409499.3
T9500.0	505446.8	5409499.3	75658.20313	371.28	0	48.838444	-86.925772	56153.63	56247	2.96	56156.58	56156.57813	56198.74946	56198.75000	505446.8	5409499.3
T9500.0	505445.7	5409499.3	75658.29688	372.58	0	48.838444	-86.925787	56153.81	56247	2.95	56156.76	56156.76172	56195.57484	56195.57422	505445.7	5409499.3
T9500.0	505444.8	5409499.3	75658.39844	374.24	0	48.838444	-86.925798	56153.48	56247	2.95	56156.43	56156.42969	56180.36575	56180.36719	505444.8	5409499.3
T9500.0	505444.8	5409499.3	75658.50000	372.17	0	48.838444	-86.925798	56154.14	56247	2.95	56157.09	56157.08984	56188.72527	56188.72656	505444.8	5409499.3
T9500.0	505443.6	5409499.3	75658.60156	374.99	0	48.838444	-86.925815	56154.59	56247.1	2.95	56157.54	56157.53906	56192.17236	56192.17188	505443.6	5409499.3
T9500.0	505442.8	5409499.2	75658.70313	374.65	0	48.838444	-86.925826	56155.71	56247.1	2.95	56158.66	56158.66016	56211.59439	56211.59375	505442.8	5409499.2
T9500.0	505442.8	5409499.2	75658.79688	373.99	0	48.838444	-86.925826	56156.16	56247.1	2.94	56159.10	56159.10156	56214.94999	56214.94922	505442.8	5409499.2
T9500.0	505441.8	5409499.2	75658.89844	370.85	0	48.838444	-86.925840	56156.04	56247.1	2.94	56158.98	56158.98047	56205.08794	56205.08984	505441.8	5409499.2
T9500.0	505440.6	5409499.2	75659.00000	373.60	0	48.838443	-86.925855	56155.72	56247.1	2.94	56158.66	56158.66016	56190.55332	56190.55469	505440.6	5409499.2
T9500.0	505440.6	5409499.2	75659.10156	372.96	0	48.838443	-86.925855	56155.86	56247.1	2.94	56158.80	56158.80078	56187.01161	56187.01172	505440.6	5409499.2
T9500.0	505439.6	5409499.2	75659.20313	375.25	0	48.838443	-86.925870	56156.48	56247.1	2.94	56159.43	56159.42969	56195.17529	56195.17578	505439.6	5409499.2
T9500.0	505438.6	5409499.2	75659.29688	375.22	0	48.838443	-86.925883	56156.94	56247.1	2.94	56159.88	56159.87891	56199.14238	56199.14063	505438.6	5409499.2
T9500.0	505437.6	5409499.2	75659.39844	374.87	0	48.838443	-86.925897	56157.35	56247.1	2.94	56160.30	56160.30078	56202.47344	56202.47266	505437.6	5409499.2
T9500.0	505436.7	5409499.2	75659.50000	374.62	0	48.838443	-86.925909	56157.58	56247.1	2.94	56160.52	56160.51953	56201.13379	56201.13281	505436.7	5409499.2
T9500.0	505436.7	5409499.2	75659.60156	374.80	0	48.838443	-86.925909	56158.13	56247.1	2.95	56161.07	56161.07031	56207.70310	56207.70313	505436.7	5409499.2
T9500.0	505435.6	5409499.1	75659.70313	373.92	0	48.838443	-86.925923	56158.01	56247.1	2.95	56160.96	56160.96094	56198.68403	56198.68359	505435.6	5409499.1
T9500.0	505435.6	5409499.1	75659.79688	375.94	0	48.838443	-86.925923	56158.09	56247.1	2.95	56161.03	56161.03125	56194.01391	56194.01563	505435.6	5409499.1
T9500.0	505434.4	5409499.1	75659.89844	374.94	0	48.838443	-86.925940	56158.61	56247.1	2.95	56161.56	56161.55859	56200.33852	56200.33984	505434.4	5409499.1
T9500.0	505433.6	5409499.1	75660.00000	375.13	0	48.838442	-86.925951	56158.95	56247.1	2.95	56161.89	56161.89063	56201.99285	56201.99219	505433.6	5409499.1
T9500.0	505432.6	5409499.1	75660.10156	373.46	0	48.838442	-86.925965	56159.50	56247.1	2.95	56162.44	56162.44141	56208.94543	56208.94531	505432.6	5409499.1
T9500.0	505432.6	5409499.1	75660.20313	372.78	0	48.838442	-86.925965	56159.20	56247.1	2.94	56162.14	56162.14063	56195.79985	56195.80078	505432.6	5409499.1
T9500.0	505431.5	5409499.0	75660.29688	367.83	0	48.838442	-86.925979	56159.73	56247.1	2.94	56162.67	56162.67188	56202.43041	56202.42969	505431.5	5409499.0
T9500.0	505430.9	5409499.0	75660.39844	366.19	0	48.838442	-86.925989	56160.08	56247.1	2.94	56163.02	56163.01953	56204.86467	56204.86328	505430.9	5409499.0
T9500.0	505430.9	5409499.0	75660.50000	366.78	0	48.838442	-86.925989	56160.62	56247.1	2.93	56163.55	56163.55078	56211.64686	56211.64844	505430.9	5409499.0
T9500.0	505429.9	5409499.0	75660.60156	368.46	0	48.838441	-86.926002	56160.62	56247.1	2.93	56163.55	56163.55078	56205.92486	56205.92578	505429.9	5409499.0
T9500.0	505429.0	5409498.9	75660.70313	368.92	0	48.838441	-86.926013	56160.99	56247.1	2.93	56163.92	56163.92188	56209.05960	56209.05859	505429.0	5409498.9
T9500.0	505429.0	5409498.9	75660.79688	370.22	0	48.838441	-86.926013	56161.24	56247.1	2.93	56164.16	56164.16016	56209.18316	56209.18359	505429.0	5409498.9
T9500.0	505428.2	5409498.9	75660.89844	371.19	0	48.838441	-86.926025	56161.32	56247.1	2.92	56164.25	56164.25000	56205.82031	56205.82031	505428.2	5409498.9
T9500.0	505427.5	5409498.9	75661.00000	372.00	0	48.838441	-86.926034	56161.59	56247.1	2.92	56164.51	56164.51172	56206.56559	56206.56641	505427.5	5409498.9
T9500.0	505426.7	5409498.9	75661.10156	372.49	0	48.838440	-86.926045	56161.56	56247.1	2.92	56164.48	56164.48047	56200.50033	56200.50000	505426.7	5409498.9
T9500.0	505426.7	5409498.9	75661.20313	372.96	0	48.838440	-86.926045	56161.85	56247.1	2.92	56164.77	56164.76953	56202.10207	56202.10156	505426.7	5409498.9
T9500.0	505426.7	5409498.9	75661.29688	373.22	0	48.838440	-86.926045	56162.16	56247.1	2.93	56165.08	56165.07813	56204.24961	56204.25000	505426.7	5409498.9
T9500.0	505425.9	5409498.8	75661.39844	373.74	0	48.838440	-86.926056	56162.76	56247.1	2.93	56165.69	56165.69141	56213.58787	56213.58594	505425.9	5409498.8
T9500.0	505425.1	5409498.8	75661.50000	373.78	0	48.838440	-86.926067	56162.82	56247.1	2.93	56165.75	56165.75000	56209.94139	56209.94141	505425.1	5409498.8
T9500.0	505424.4	5409498.8	75661.60156	374.08	0	48.838440	-86.926077	56163.12	56247.1	2.93	56166.05	56166.05078	56212.05978	56212.05859	505424.4	5409498.8
T9500.0	505423.7	5409498.8	75661.70313	371.39	0	48.838440	-86.926087	56162.99	56247.1	2.93	56165.92	56165.92188	56204.03973	56204.03906	505423.7	5409498.8
T9500.0	505423.7	5409498.8	75661.79688	372.29	0	48.838440	-86.926087	56163.12	56247.1	2.94	56166.06	56166.05859	56202.49461	56202.49609	505423.7	5409498.8
T9500.0	505423.1	5409498.8	75661.89844	370.31	0	48.838440	-86.926095	56163.04	56247.1	2.94	56165.98	56165.98047	56195.79330	56195.79297	505423.1	5409498.8
T9500.0	505423.1	5409498.8	75662.00000	370.04	0	48.838440	-86.926095	56163.68	56247.1	2.94	56166.62	56166.62109	56206.24542	56206.24609	505423.1	5409498.8
T9500.0	505422.4	5409498.8	75662.10156	369.70	0	48.838440	-86.926103	56163.75	56247.1	2.94	56166.69	56166.69141	56203.23189	56203.23047	505422.4	5409498.8
T9500.0	505421.8	5409498.8	75662.20313	368.43	0	48.838440	-86.926111	56163.94	56247.1	2.94	56166.88	56166.87891	56203.12855	56203.12891	505421.8	5409498.8
T9500.0	505421.2	5409498.8	75662.29688	378.34	0	48.838440	-86.926120	56164.03	56247.1	2.93	56166.97	56166.96875	56200.71248	56200.71094	505421.2	5409498.8
T9500.0	505420.6	5409498.8	75662.39844	377.23	0	48.838440	-86.926129	56164.18	56247.1	2.93	56167.11	56167.10938	56199.54262	56199.54297	505420.6	5409498.8
T9500.0	505420.6	5409498.8	75662.50000	375.52	0	48.838440	-86.926129	56164.26	56247.1	2.93	56167.19	56167.19141	56197.00682	56197.00781	505420.6	5409498.8
T9500.0	505419.8	5409498.8	75662.60156	375.46	0	48.838440	-86.926140	56164.56	56247.1	2.93	56167.48	56167.48047	56199.51211	56199.51172	505419.8	5409498.8
T9500.0	505419.2	5409498.8	75662.70313	368.95	0	48.838440	-86.926147	56164.67	56247.1	2.93	56167.59	56167.58984	56197.80050	56197.80078	505419.2	5409498.8
T9500.0	505419.2	5409498.8	75662.79688	370.00	0	48.838440	-86.926147	56164.71	56247.1	2.92	56167.63	56167.62891	56194.48136	56194.48047	505419.2	5409498.8
T9500.0	505418.5	5409498.8	75662.89844	377.48	0	48.838440	-86.926157	56165.19	56247.1	2.92	56168.11	56168.10938	56201.65799	56201.65625	505418.5	5409498.8
T9500.0	505418.0	5409498.8	75663.00000	380.04	0	48.838440	-86.926164	56165.26	56247.1	2.92	56168.18	56168.17969	56199.15425	56199.15234	505418.0	5409498.8
T9500.0	505418.0	5409498.8	75663.10156	382.17	0	48.838440	-86.926164	56165.02	56247.1	2.92	56167.94	56167.94141	56189.34208	56189.34375	505418.0	5409498.8
T9500.0	505417.6	5409498.8	75663.20313	381.75	0	48.838440	-86.926169	56165.14	56247.1	2.92	56168.06	56168.05859	56188.12222	56188.12109	505417.6	5409498.8
T9500.0	505417.6	5409498.8	75663.29688	379.52	0	48.838440	-86.926169	56165.46	56247.1	2.92	56168.39	56168.39063	56191.93283	56191.93359	505417.6	5409498.8
T9500.0	505416.4	5409498.8	75663.39844	377.76	0	48.838440	-86.926186	56165.88	56247.1	2.92	56168.80	56168.80078	56197.68674	56197.68750	505416.4	5409498.8
T9500.0	505416.4	5409498.8	75663.50000	381.16	0	48.838440	-86.926186	56166.08	56247.1	2.93	56169.00	56169.00000	56198.49916	56198.50000	505416.4	5409498.8
T9500.0	505416.0	5409498.7	75663.60156	380.79	0	48.838440	-86.926191	56166.13	56247.1	2.93	56169.06	56169.05859	56196.02984	56196.03125	505416.0	5409498.7
T9500.0	505416.0	5409498.7	75663.70313	378.29	0	48.838440	-86.926191	56166.00	56247.1	2.93	56168.93	56168.92969	56189.09029	56189.08984	505416.0	5409498.7
T9500.0	505415.6	5409498.7	75663.79688	378.88	0	48.838439	-86.926196	56166.06	56247.1	2.93	56168.98	56168.98047	56186.46066	56186.46094	505415.6	5409498.7
T9500.0	505415.6	5409498.7	75663.89844	380.49	0	48.838439	-86.926196	56166.03	56247.1	2.93	56168.96	56168.96094	56182.20546	56182.20703	505415.6	5409498.7
T9500.0	505414.9	5409498.7	75664.00000	382.57	0	48.838439	-86.926207	56165.99	56247.1	2.93	56168.92	56168.92188	56177.50962	56177.50781	505414.9	5409498.7
T9500.0	505414.9	5409498.7	75664.10156	384.46	0	48.838439	-86.926207	56166.23	56247.1	2.93	56169.15	56169.14844	56179.25445	56179.25391	505414.9	5409498.7
T9500.0	505414.6	5409498.7	75664.20313	383.84	0	48.838439	-86.926210	56166.64	56247.1	2.92	56169.56	56169.55859	56185.30196	56185.30078	505414.6	5409498.7
T9500.0	505414.3	5409498.6	75664.29688	384.12	0	48.838438	-86.926215	56166.89	56247.1	2.92	56169.81	56169.80859	56187.58047	56187.58203	505414.3	5409498.6
T9500.0	505414.3	5409498.6	75664.39844	383.63	0	48.838438	-86.926215	56166.98	56247.1	2.91	56169.89	56169.89063	56185.85075	56185.85156	505414.3	5409498.6
T9500.0	505414.0	5409498.6	75664.50000	380.92	0	48.838438	-86.926218	56166.84	56247.1	2.91	56169.75	56169.75000	56178.92419	56178.92578	505414.0	5409498.6
T9500.0	505413.8	5409498.5	75664.60156	377.85	0	48.838437	-86.926221	56166.95	56247.1	2.91	56169.86	56169.85938	56177.95426	56177.95313	505413.8	5409498.5
T9500.0	505413.8	5409498.5	75664.70313	367.70	0	48.838437	-86.926221	56167.07	56247.1	2.90	56169.97	56169.96875	56177.00537	56177.00391	505413.8	5409498.5

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
T9500.0	505413.7	5409498.5	75664.79688	366.42	0	48.838437	-86.926223	56167.11	56247.1	2.90	56170.01	56170.01172	56174.41416	56174.41406	505413.7	5409498.5
T9500.0	505413.5	5409498.5	75664.89844	365.89	0	48.838437	-86.926225	56167.09	56247.1	2.89	56169.99	56169.98828	56170.41606	56170.41797	505413.5	5409498.5
T9500.0	505413.4	5409498.4	75665.00000	379.55	0	48.838437	-86.926227	56167.56	56247.1	2.89	56170.45	56170.44922	56177.82597	56177.82422	505413.4	5409498.4
T9500.0	505413.4	5409498.4	75665.10156	380.59	0	48.838437	-86.926227	56167.86	56247.1	2.89	56170.74	56170.73828	56181.21432	56181.21484	505413.4	5409498.4
T9500.0	505413.3	5409498.4	75665.20313	381.51	0	48.838436	-86.926228	56167.92	56247.1	2.89	56170.81	56170.80859	56179.39245	56179.39063	505413.3	5409498.4
T9500.0	505413.2	5409498.3	75665.29688	383.99	0	48.838436	-86.926229	56167.92	56247.1	2.89	56170.81	56170.80859	56175.91865	56175.91797	505413.2	5409498.3
T9500.0	505413.1	5409498.3	75665.39844	384.49	0	48.838436	-86.926230	56168.25	56247.1	2.89	56171.14	56171.14063	56180.28494	56180.28516	505413.1	5409498.3
T9500.0	505413.1	5409498.3	75665.50000	383.09	0	48.838436	-86.926230	56168.25	56247.1	2.89	56171.14	56171.14063	56176.82441	56176.82422	505413.1	5409498.3
T9500.0	505413.0	5409498.3	75665.60156	373.05	0	48.838435	-86.926232	56168.14	56247.1	2.88	56171.02	56171.01953	56170.51947	56170.51953	505413.0	5409498.3
T9500.0	505412.9	5409498.2	75665.70313	370.90	0	48.838435	-86.926233	56168.00	56247.1	2.88	56170.88	56170.87891	56163.74168	56163.74219	505412.9	5409498.2
T9500.0	505412.9	5409498.2	75665.79688	372.10	0	48.838435	-86.926233	56167.94	56247.1	2.88	56170.82	56170.82031	56158.86263	56158.86328	505412.9	5409498.2
T9500.0	505412.8	5409498.2	75665.89844	374.88	0	48.838434	-86.926235	56168.05	56247.1	2.88	56170.93	56170.92969	56158.01658	56158.01563	505412.8	5409498.2
T9500.0	505412.6	5409498.2	75666.00000	386.53	0	48.838434	-86.926237	56167.93	56247.1	2.88	56170.81	56170.80859	56151.70772	56151.70703	505412.6	5409498.2
T9500.0	505412.4	5409498.1	75666.10156	386.88	0	48.838434	-86.926240	56168.02	56247.1	2.88	56170.90	56170.89844	56150.37750	56150.37891	505412.4	5409498.1
T9500.0	505412.2	5409498.1	75666.20313	386.40	0	48.838434	-86.926243	56168.15	56247.1	2.88	56171.02	56171.01953	56149.75181	56149.75000	505412.2	5409498.1
T9500.0	505412.2	5409498.1	75666.29688	387.00	0	48.838434	-86.926243	56168.98	56247.1	2.87	56171.86	56171.85938	56166.20586	56166.20703	505412.2	5409498.1
T9500.0	505411.9	5409498.1	75666.39844	386.35	0	48.838434	-86.926247	56168.93	56247.1	2.87	56171.81	56171.80859	56161.52476	56161.52344	505411.9	5409498.1
T9500.0	505411.7	5409498.1	75666.50000	388.31	0	48.838433	-86.926250	56169.04	56247.1	2.87	56171.91	56171.91016	56160.39093	56160.39063	505411.7	5409498.1
T9500.0	505411.3	5409498.1	75666.60156	387.77	0	48.838433	-86.926255	56169.11	56247.1	2.87	56171.97	56171.96875	56158.29300	56158.29297	505411.3	5409498.1
T9500.0	505411.3	5409498.1	75666.70313	377.01	0	48.838433	-86.926255	56169.16	56247.1	2.87	56172.03	56172.03125	56156.17860	56156.17969	505411.3	5409498.1
T9500.0	505411.1	5409498.1	75666.79688	374.87	0	48.838433	-86.926258	56169.29	56247.1	2.86	56172.15	56172.14844	56155.47010	56155.46875	505411.1	5409498.1
T9500.0	505410.8	5409498.0	75666.89844	385.24	0	48.838433	-86.926262	56169.37	56247.1	2.86	56172.23	56172.23047	56153.79233	56153.79297	505410.8	5409498.0
T9500.0	505410.8	5409498.0	75667.00000	382.87	0	48.838433	-86.926262	56169.54	56247.1	2.86	56172.40	56172.39844	56154.22914	56154.23047	505410.8	5409498.0
T9500.0	505410.5	5409498.0	75667.10156	382.86	0	48.838433	-86.926267	56169.98	56247.1	2.86	56172.84	56172.83984	56161.05117	56161.05078	505410.5	5409498.0
T9500.0	505410.2	5409498.0	75667.20313	383.44	0	48.838433	-86.926271	56170.20	56247.1	2.86	56173.06	56173.05859	56162.62673	56162.62500	505410.2	5409498.0
T9500.0	505410.2	5409498.0	75667.29688	382.02	0	48.838433	-86.926271	56169.95	56247.1	2.87	56172.82	56172.82031	56153.25788	56153.25781	505410.2	5409498.0
T9500.0	505409.7	5409498.0	75667.39844	379.67	0	48.838432	-86.926277	56170.22	56247.1	2.87	56173.09	56173.08984	56155.96587	56155.96484	505409.7	5409498.0
T9500.0	505409.3	5409498.0	75667.50000	379.58	0	48.838432	-86.926283	56170.46	56247.1	2.87	56173.33	56173.32813	56157.93238	56157.93359	505409.3	5409498.0
T9500.0	505409.3	5409498.0	75667.60156	376.27	0	48.838432	-86.926283	56170.02	56247.1	2.87	56172.89	56172.89063	56143.72830	56143.72656	505409.3	5409498.0
T9500.0	505408.8	5409498.0	75667.70313	375.63	0	48.838432	-86.926289	56170.23	56247.1	2.87	56173.10	56173.10156	56144.91950	56144.91797	505408.8	5409498.0
T9500.0	505408.5	5409498.0	75667.79688	375.56	0	48.838432	-86.926294	56170.45	56247.1	2.88	56173.32	56173.32031	56146.31430	56146.31250	505408.5	5409498.0
T9500.0	505408.2	5409498.0	75667.89844	377.16	0	48.838432	-86.926298	56169.68	56247.1	2.88	56172.55	56172.55078	56124.17650	56124.17578	505408.2	5409498.0
T9500.0	505408.2	5409498.0	75668.00000	375.27	0	48.838432	-86.926298	56170.81	56247.1	2.88	56173.68	56173.67969	56147.09845	56147.09766	505408.2	5409498.0
T9500.0	505407.7	5409498.0	75668.10156	364.89	0	48.838432	-86.926304	56170.75	56247.1	2.88	56173.63	56173.62891	56141.97559	56141.97656	505407.7	5409498.0
T9500.0	505407.2	5409498.0	75668.20313	368.10	0	48.838432	-86.926311	56171.48	56247.1	2.87	56174.36	56174.35938	56155.32694	56155.32813	505407.2	5409498.0
T9500.0	505406.8	5409498.0	75668.29688	369.51	0	48.838432	-86.926317	56171.39	56247.1	2.87	56174.26	56174.26172	56148.93825	56148.93750	505406.8	5409498.0
T9500.0	505406.8	5409498.0	75668.39844	369.46	0	48.838432	-86.926317	56171.67	56247.1	2.87	56174.54	56174.53906	56151.52750	56151.52734	505406.8	5409498.0
T9500.0	505406.3	5409498.0	75668.50000	370.18	0	48.838432	-86.926323	56171.95	56247.1	2.86	56174.81	56174.80859	56153.83700	56153.83594	505406.3	5409498.0
T9500.0	505405.6	5409498.0	75668.60156	370.23	0	48.838432	-86.926333	56172.22	56247.1	2.86	56175.08	56175.07813	56156.10307	56156.10156	505405.6	5409498.0
T9500.0	505405.6	5409498.0	75668.70313	367.83	0	48.838432	-86.926333	56172.70	56247.1	2.86	56175.56	56175.55859	56163.30898	56163.30859	505405.6	5409498.0
T9500.0	505405.0	5409498.0	75668.79688	365.60	0	48.838432	-86.926341	56172.98	56247.1	2.86	56175.84	56175.83984	56165.72252	56165.72266	505405.0	5409498.0
T9500.0	505405.0	5409498.0	75668.89844	364.55	0	48.838432	-86.926341	56173.31	56247.1	2.85	56176.16	56176.16016	56169.03911	56169.03906	505405.0	5409498.0
T9500.0	505404.6	5409498.0	75669.00000	366.19	0	48.838433	-86.926347	56172.96	56247.2	2.85	56175.81	56175.80859	56156.40618	56156.40625	505404.6	5409498.0
T9500.0	505404.1	5409498.0	75669.10156	365.28	0	48.838433	-86.926354	56173.13	56247.2	2.85	56175.98	56175.98047	56156.06736	56156.06641	505404.1	5409498.0
T9500.0	505403.5	5409498.0	75669.20313	364.67	0	48.838433	-86.926361	56173.71	56247.2	2.85	56176.56	56176.55859	56165.41105	56165.41016	505403.5	5409498.0
T9500.0	505403.5	5409498.0	75669.29688	366.83	0	48.838433	-86.926361	56173.29	56247.2	2.85	56176.14	56176.14063	56150.97044	56150.96875	505403.5	5409498.0
T9500.0	505402.8	5409498.0	75669.39844	368.00	0	48.838433	-86.926371	56173.54	56247.2	2.85	56176.38	56176.37891	56152.14469	56152.14453	505402.8	5409498.0
T9500.0	505402.2	5409498.0	75669.50000	367.61	0	48.838432	-86.926379	56173.74	56247.2	2.85	56176.58	56176.57813	56152.31881	56152.32031	505402.2	5409498.0
T9500.0	505402.2	5409498.0	75669.60156	367.62	0	48.838432	-86.926379	56174.42	56247.2	2.84	56177.27	56177.26953	56164.07171	56164.07031	505402.2	5409498.0
T9500.0	505401.6	5409497.9	75669.70313	366.03	0	48.838432	-86.926388	56174.55	56247.2	2.84	56177.39	56177.39063	56162.24397	56162.24219	505401.6	5409497.9
T9500.0	505401.1	5409497.9	75669.79688	365.35	0	48.838432	-86.926394	56175.04	56247.2	2.84	56177.88	56177.87891	56169.14589	56169.14453	505401.1	5409497.9
T9500.0	505400.6	5409497.9	75669.89844	364.57	0	48.838432	-86.926401	56175.05	56247.2	2.84	56177.89	56177.89063	56164.60247	56164.60156	505400.6	5409497.9
T9500.0	505400.1	5409497.9	75670.00000	365.04	0	48.838432	-86.926408	56175.39	56247.2	2.84	56178.23	56178.23047	56167.83858	56167.83984	505400.1	5409497.9
T9500.0	505400.1	5409497.9	75670.10156	364.74	0	48.838432	-86.926408	56175.70	56247.2	2.84	56178.53	56178.53125	56170.07206	56170.07031	505400.1	5409497.9
T9500.0	505400.1	5409497.9	75670.20313	364.88	0	48.838432	-86.926408	56175.86	56247.2	2.84	56178.70	56178.69922	56169.16655	56169.16797	505400.1	5409497.9
T9500.0	505399.1	5409497.9	75670.29688	365.08	0	48.838432	-86.926421	56176.19	56247.2	2.84	56179.03	56179.03125	56172.00496	56172.00391	505399.1	5409497.9
T9500.0	505398.4	5409497.9	75670.39844	366.54	0	48.838432	-86.926431	56176.00	56247.2	2.84	56178.83	56178.82813	56162.21016	56162.21094	505398.4	5409497.9
T9500.0	505397.7	5409497.8	75670.50000	367.40	0	48.838431	-86.926441	56176.82	56247.2	2.83	56179.66	56179.66016	56176.80840	56176.80859	505397.7	5409497.8
T9500.0	505397.7	5409497.8	75670.60156	365.51	0	48.838431	-86.926441	56176.70	56247.2	2.83	56179.53	56179.53125	56168.56738	56168.56641	505397.7	5409497.8
T9500.0	505397.1	5409497.8	75670.70313	364.38	0	48.838431	-86.926448	56176.68	56247.2	2.83	56179.51	56179.51172	56162.88339	56162.88281	505397.1	5409497.8
T9500.0	505396.6	5409497.8	75670.79688	364.52	0	48.838431	-86.926456	56177.11	56247.2	2.83	56179.94	56179.94141	56167.82638	56167.82813	505396.6	5409497.8
T9500.0	505395.8	5409497.8	75670.89844	363.00	0	48.838431	-86.926466	56177.59	56247.2	2.83	56180.42	56180.42188	56173.90257	56173.90234	505395.8	5409497.8
T9500.0	505395.8	5409497.8	75671.00000	363.29	0	48.838431	-86.926466	56177.84	56247.2	2.83	56180.67	56180.67188	56174.46641	56174.46484	505395.8	5409497.8
T9500.0	505394.9	5409497.7	75671.10156	360.52	0	48.838431	-86.926479	56178.17	56247.2	2.83	56181.00	56181.00000	56176.87596	56176.87500	505394.9	5409497.7
T9500.0	505394.2	5409497.7	75671.20313	360.70	0	48.838430	-86.926488	56178.64	56247.2	2.83	56181.47	56181.46875	56182.55561	56182.55469	505394.2	5409497.7
T9500.0	505394.2	5409497.7	75671.29688	359.92	0	48.838430	-86.926488	56178.35	56247.2	2.83	56181.17	56181.17188	56169.90704	56169.90625	505394.2	5409497.7
T9500.0	505393.4	5409497.7	75671.39844	360.22	0	48.838430	-86.926499	56178.92	56247.2	2.83	56181.74	56181.73828	56177.85578	56177.85547	505393.4	5409497.7
T9500.0	505392.7	5409497.7	75671.50000	361.65	0	48.838430	-86.926509	56178.81	56247.2	2.82	56181.63	56181.62891	56169.61330	56169.61328	505392.7	5409497.7
T9500.0	505392.7	5409497.7	75671.60156	362.71	0	48.838430	-86.926509	56179.13	56247.2	2.82	56181.95	56181.94922	56171.52579	56171.52734	505392.7	5409497.7
T9500.0	505391.8	5409497.6	75671.70313	362.90	0	48.838430	-86.926521	56178.84	56247.2	2.82	56181.67	56181.67188	56159.14693	56159.14844	505391.8	5409497.6
T9500.0	505391.0	5409497.6	75671.79688	360.36	0	48.838429	-86.926532	56179.82	56247.2	2.82	56182.65	56182.64844	56176.62413	56176.62500	505391.0	5409497.6
T9500.0	505390.5	5409497.6	75671.89844	359.96	0	48.838429	-86.926539	56180.14	56247.2	2.82	56182.96	56182.96094	56178.14981	56178.14844	505390.5	5409497.6
T9500.0	505390.5	5409497.6	75672.00000	358.26	0	48.838429	-86.926539	56180.84	56247.2	2.82	56183.66	56183.66016	56188.88362	56188.88281	505390.5	5409497.6
T9500.0	505389.8	5409497.6	75672.10156	359.99	0	48.838429	-86.926548	56180.83	56247.2	2.82	56183.65	56183.64844	56182.71799	56182.71875	505389.8	5409497.6
T9500.0	505389.1	5409497.5	75672.20313	360.63	0	48.838429	-86.926558	56180.88	56247.2	2.82	56183.70	56183.69922	56177.92955	56177.92969	505389.1	5409497.5
T9500.0	505388.5	5409497.5	75672.29688	359.35	0	48.838429	-86.926566	56181.32	56247.2	2.82	56184.14	56184.14063	56182.35163	56182.35156	505388.5	5409497.5
T9500.0	505388.5	5409497.5	75672.39844	358.46	0	48.838429	-86.926566	56181.92	56247.2	2.82	56184.74	56184.73828	56190.52612	56190.52734	505388.5	5409497.5
T9500.0	505387.8	5409497.5	75672.50000	358.92	0	48.838429	-86.926575	56182.26	56247.2	2.82	56185.08	56185.07813	56192.48531	56192.48438	505387.8	5409497.5
T9500.0	505387.0	5409497.5	75672.60156	356.28	0	48.838429	-86.926587	56182.32	56247.2	2.82	56185.14	56185.14063	56187.75548	56187.75391	505387.0	5409497.5
T9500.0	505387.0	5409497.5	75672.70313	355.48	0	48.838429	-86.926587	56182.41	56247.2	2.82	56185.23	56185.23047	56183.69544	56183.69531	505387.0	5409497.5
T9500.0	505386.0	5409497.5	75672.79688	355.11	0	48.838429	-86.926600	56183.02	56247.2	2.82	56185.84	56185.83984	56191.93632	56191.93750	505386.0	5409497.5
T9500.0	505385.3	5409497.5	75672.89844	354.91	0	48.838428	-86.926610	56183.28	56247.2	2.82	56186.10	56186.10156	56191.82989	56191.82813	505385.3	5409497.5
T9500.0	505385.3	5409497.5	75673.00000	356.85	0	48.838428	-86.926610	56183.46	56247.2	2.82	56186.28	56186.28125	56189.78569	56189.78516	505385.3	5409497.5
T9500.0	505384.5	5409497.5	75673.10156	356.90	0	48.838428	-86.926621	56183.61	56247.2	2.82	56186.43	56186.42969	56186.99162	56186.99219	505384.5	5409497.5
T9500.0	505383.7	5409497.5	75673.20313	359.19	0	48.838428	-86.926632	56184.23	56247.2	2.82	56187.05	56187.05078	56195.31630	56195.31641	505383.7	5409497.5
T9500.0	505382.9	5409497.5	75673.29688	357.49	0	48.838428	-86.926642	56184.24	56247.2	2.82	56187.06	56187.05859	56189.12732	56189.12891	505382.9	5409497.5
T9500.0	505382.9	5409497.5	75673.39844	358.69	0	48.838428	-86.926642	56184.62	56247.2	2.82	56187.44	56187.44141	56191.68609	56191.68750	505382.9	5409497.5
T9500.0	505382.1	5409497.5	75673.50000	357.90	0	48.838428	-86.926653	56184.75	56247.2	2.82	56187.57	56187.57031	56188.27830	56188.27734	505382.1	5409497.5
T9500.0	505381.4	5409497.5	75673.60156	356.93	0	48.838428	-86.926662	56185.20	56247.2	2.82	56188.02	56188.01953	56192.43411	56192.43359	505381.4	5409497.5
T9500.0	505380.7	5409497.5	75673.70313	356.23	0	48.838428	-86.926672	56185.68	56247.2	2.82	56188.50	56188.50000	56197.27176	56197.27344	505380.7	5409497.5
T9500.0	505380.7	5409497.5	75673.79688	355.78	0	48.838428	-86.926672	56185.88	56247.2	2.82	56188.70	56188.69922	56195.43483	56195.43359	505380.7	5409497.5
T9500.0	505380.0	5409497.5	75673.89844	354.68	0	48.838428	-86.926682	56185.88	56247.2	2.82	56188.70	56188.69922	56188.82349	56188.82422	505380.0	5409497.5
T9500.0	505379.3	5409497.5	75674.00000	355.14	0	48.838428	-86.926691	56186.56	56247.2	2.82	56189.38	56189.37891	56198.32579	56198.32422	505379.3	5409497.5

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
T9500.0	505379.3	5409497.5	75674.10156	361.50	0	48.838428	-86.926691	56186.72	56247.2	2.82	56189.54	56189.53906	56195.46139	56195.46094	505379.3	5409497.5
T9500.0	505378.6	5409497.5	75674.20313	361.64	0	48.838428	-86.926700	56186.62	56247.2	2.82	56189.44	56189.44141	56186.40277	56186.40234	505378.6	5409497.5
T9500.0	505378.0	5409497.5	75674.29688	362.74	0	48.838429	-86.926710	56186.42	56247.2	2.82	56189.24	56189.23828	56174.94898	56174.94922	505378.0	5409497.5
T9500.0	505378.0	5409497.5	75674.39844	363.06	0	48.838429	-86.926710	56186.56	56247.2	2.82	56189.38	56189.37891	56171.54483	56171.54297	505378.0	5409497.5
T9500.0	505377.3	5409497.5	75674.50000	362.29	0	48.838429	-86.926719	56186.46	56247.2	2.82	56189.29	56189.28906	56162.66295	56162.66406	505377.3	5409497.5
T9500.0	505376.5	5409497.6	75674.60156	365.06	0	48.838429	-86.926730	56186.64	56247.2	2.83	56189.47	56189.46875	56160.17226	56160.17188	505376.5	5409497.6
T9500.0	505376.5	5409497.6	75674.70313	363.73	0	48.838429	-86.926730	56187.55	56247.2	2.83	56190.37	56190.37109	56174.75496	56174.75391	505376.5	5409497.6
T9500.0	505375.7	5409497.6	75674.79688	363.45	0	48.838429	-86.926740	56187.80	56247.2	2.83	56190.63	56190.62891	56174.13319	56174.13281	505375.7	5409497.6
T9500.0	505375.0	5409497.7	75674.89844	364.25	0	48.838430	-86.926750	56188.14	56247.2	2.83	56190.97	56190.96875	56175.39756	56175.39844	505375.0	5409497.7
T9500.0	505374.3	5409497.7	75675.00000	363.40	0	48.838431	-86.926759	56188.48	56247.2	2.83	56191.31	56191.30859	56176.65081	56176.65234	505374.3	5409497.7
T9500.0	505373.7	5409497.8	75675.10156	363.81	0	48.838431	-86.926768	56188.48	56247.2	2.83	56191.31	56191.30859	56169.82464	56169.82422	505373.7	5409497.8
T9500.0	505373.7	5409497.8	75675.20313	363.14	0	48.838431	-86.926768	56188.64	56247.2	2.83	56191.47	56191.46875	56166.78800	56166.78906	505373.7	5409497.8
T9500.0	505372.9	5409497.9	75675.29688	363.70	0	48.838432	-86.926778	56188.82	56247.2	2.83	56191.65	56191.64844	56164.21954	56164.21875	505372.9	5409497.9
T9500.0	505372.3	5409497.9	75675.39844	364.85	0	48.838433	-86.926787	56189.41	56247.2	2.83	56192.24	56192.23828	56171.37738	56171.37891	505372.3	5409497.9
T9500.0	505371.7	5409498.0	75675.50000	364.74	0	48.838433	-86.926795	56189.81	56247.2	2.82	56192.63	56192.62891	56173.78479	56173.78516	505371.7	5409498.0
T9500.0	505371.7	5409498.0	75675.60156	365.40	0	48.838433	-86.926795	56190.45	56247.2	2.82	56193.28	56193.28125	56182.36131	56182.35938	505371.7	5409498.0
T9500.0	505370.9	5409498.1	75675.70313	364.02	0	48.838434	-86.926806	56190.85	56247.2	2.82	56193.67	56193.67188	56184.76635	56184.76563	505370.9	5409498.1
T9500.0	505370.2	5409498.1	75675.79688	362.40	0	48.838434	-86.926815	56191.12	56247.2	2.82	56193.94	56193.94141	56184.32427	56184.32422	505370.2	5409498.1
T9500.0	505370.2	5409498.1	75675.89844	361.72	0	48.838434	-86.926815	56191.50	56247.2	2.82	56194.32	56194.32031	56186.49558	56186.49609	505370.2	5409498.1
T9500.0	505369.2	5409498.2	75676.00000	360.22	0	48.838435	-86.926829	56191.65	56247.2	2.82	56194.47	56194.46875	56183.21189	56183.21094	505369.2	5409498.2
T9500.0	505368.4	5409498.2	75676.10156	362.02	0	48.838435	-86.926840	56192.38	56247.2	2.82	56195.20	56195.19922	56193.69988	56193.69922	505368.4	5409498.2
T9500.0	505368.4	5409498.2	75676.20313	352.26	0	48.838435	-86.926840	56192.36	56247.2	2.82	56195.18	56195.17969	56186.39367	56186.39453	505368.4	5409498.2
T9500.0	505367.5	5409498.2	75676.29688	353.15	0	48.838435	-86.926852	56193.19	56247.2	2.82	56196.01	56196.01172	56199.27039	56199.26953	505367.5	5409498.2
T9500.0	505366.9	5409498.2	75676.39844	362.31	0	48.838435	-86.926860	56193.22	56247.2	2.82	56196.04	56196.03906	56193.16897	56193.16797	505366.9	5409498.2
T9500.0	505366.1	5409498.2	75676.50000	361.99	0	48.838435	-86.926871	56193.24	56247.2	2.82	56196.06	56196.05859	56186.84131	56186.83984	505366.1	5409498.2
T9500.0	505366.1	5409498.2	75676.60156	362.66	0	48.838435	-86.926871	56193.52	56247.2	2.82	56196.34	56196.33984	56186.69715	56186.69531	505366.1	5409498.2
T9500.0	505365.4	5409498.2	75676.70313	363.39	0	48.838435	-86.926880	56194.06	56247.2	2.82	56196.88	56196.87891	56192.73781	56192.73828	505365.4	5409498.2
T9500.0	505364.9	5409498.2	75676.79688	364.26	0	48.838435	-86.926888	56194.51	56247.2	2.82	56197.33	56197.32813	56196.65740	56196.65625	505364.9	5409498.2
T9500.0	505364.9	5409498.2	75676.89844	364.29	0	48.838435	-86.926888	56194.65	56247.2	2.82	56197.47	56197.46875	56193.23551	56193.23438	505364.9	5409498.2
T9500.0	505363.5	5409498.3	75677.00000	364.18	0	48.838435	-86.926906	56195.20	56247.2	2.82	56198.01	56198.01172	56199.32511	56199.32422	505363.5	5409498.3
T9500.0	505363.5	5409498.3	75677.10156	363.22	0	48.838435	-86.926906	56195.50	56247.2	2.82	56198.32	56198.32031	56199.97444	56199.97266	505363.5	5409498.3
T9500.0	505362.7	5409498.3	75677.20313	362.81	0	48.838436	-86.926918	56196.35	56247.2	2.82	56199.17	56199.17188	56213.46049	56213.46094	505362.7	5409498.3
T9500.0	505362.7	5409498.3	75677.29688	362.00	0	48.838436	-86.926918	56196.45	56247.2	2.82	56199.27	56199.26953	56209.16645	56209.16797	505362.7	5409498.3
T9500.0	505362.1	5409498.3	75677.39844	362.20	0	48.838436	-86.926926	56196.84	56247.2	2.82	56199.66	56199.66016	56211.77762	56211.77734	505362.1	5409498.3
T9500.0	505361.3	5409498.3	75677.50000	360.32	0	48.838436	-86.926937	56196.67	56247.2	2.82	56199.49	56199.48828	56201.12046	56201.12109	505361.3	5409498.3
T9500.0	505361.3	5409498.3	75677.60156	359.44	0	48.838436	-86.926937	56197.09	56247.2	2.82	56199.91	56199.91016	56204.49102	56204.49219	505361.3	5409498.3
T9500.0	505360.6	5409498.3	75677.70313	358.30	0	48.838436	-86.926947	56197.94	56247.2	2.82	56200.76	56200.76172	56218.09268	56218.09375	505360.6	5409498.3
T9500.0	505359.7	5409498.4	75677.79688	359.02	0	48.838437	-86.926958	56198.25	56247.2	2.82	56201.07	56201.07031	56218.90359	56218.90234	505359.7	5409498.4
T9500.0	505358.7	5409498.4	75677.89844	360.26	0	48.838437	-86.926972	56198.38	56247.2	2.82	56201.20	56201.19922	56215.46915	56215.46875	505358.7	5409498.4
T9500.0	505358.7	5409498.4	75678.00000	360.59	0	48.838437	-86.926972	56198.86	56247.2	2.82	56201.68	56201.67969	56220.36965	56220.37109	505358.7	5409498.4
T9500.0	505358.0	5409498.4	75678.10156	362.54	0	48.838437	-86.926982	56199.36	56247.2	2.82	56202.18	56202.17969	56225.77337	56225.77344	505358.0	5409498.4
T9500.0	505357.0	5409498.5	75678.20313	362.21	0	48.838437	-86.926995	56200.10	56247.2	2.82	56202.92	56202.92188	56236.90270	56236.90234	505357.0	5409498.5
T9500.0	505356.4	5409498.5	75678.29688	363.07	0	48.838438	-86.927003	56199.97	56247.2	2.82	56202.79	56202.78906	56227.41265	56227.41406	505356.4	5409498.5
T9500.0	505356.4	5409498.5	75678.39844	364.98	0	48.838438	-86.927003	56199.97	56247.2	2.82	56202.79	56202.78906	56221.03869	56221.03906	505356.4	5409498.5
T9500.0	505355.7	5409498.5	75678.50000	364.28	0	48.838438	-86.927013	56200.05	56247.2	2.82	56202.87	56202.87109	56216.59464	56216.59375	505355.7	5409498.5
T9500.0	505354.8	5409498.5	75678.60156	361.51	0	48.838438	-86.927025	56200.25	56247.2	2.83	56203.08	56203.07813	56215.26777	56215.26953	505354.8	5409498.5
T9500.0	505353.9	5409498.5	75678.70313	361.20	0	48.838438	-86.927038	56200.71	56247.2	2.83	56203.53	56203.53125	56219.66936	56219.66797	505353.9	5409498.5
T9500.0	505353.9	5409498.5	75678.79688	352.04	0	48.838438	-86.927038	56201.27	56247.2	2.83	56204.09	56204.08984	56226.71431	56226.71484	505353.9	5409498.5
T9500.0	505353.0	5409498.5	75678.89844	352.87	0	48.838438	-86.927050	56202.47	56247.2	2.83	56205.30	56205.30078	56249.21976	56249.21875	505353.0	5409498.5
T9500.0	505352.4	5409498.5	75679.00000	360.59	0	48.838438	-86.927059	56202.42	56247.2	2.83	56205.25	56205.25000	56241.85248	56241.85156	505352.4	5409498.5
T9500.0	505351.5	5409498.5	75679.10156	357.02	0	48.838438	-86.927070	56202.73	56247.2	2.83	56205.56	56205.55859	56243.06314	56243.06250	505351.5	5409498.5
T9500.0	505351.5	5409498.5	75679.20313	355.64	0	48.838438	-86.927070	56203.08	56247.2	2.83	56205.91	56205.91016	56245.25677	56245.25781	505351.5	5409498.5
T9500.0	505350.7	5409498.5	75679.29688	354.80	0	48.838438	-86.927081	56203.64	56247.2	2.82	56206.47	56206.46875	56252.46840	56252.46875	505350.7	5409498.5
T9500.0	505349.9	5409498.5	75679.39844	354.72	0	48.838438	-86.927092	56203.67	56247.2	2.82	56206.49	56206.48828	56246.89696	56246.89844	505349.9	5409498.5
T9500.0	505349.9	5409498.5	75679.50000	355.63	0	48.838438	-86.927092	56203.78	56247.2	2.82	56206.60	56206.60156	56243.49539	56243.49609	505349.9	5409498.5
T9500.0	505349.2	5409498.5	75679.60156	347.38	0	48.838438	-86.927102	56203.79	56247.2	2.82	56206.61	56206.60938	56237.75401	56237.75391	505349.2	5409498.5
T9500.0	505348.6	5409498.5	75679.60156	347.38	0	48.838438	-86.927109	56204.28	56247.2	2.82	56207.10	56207.10156	56243.43889	56243.43750	505348.6	5409498.5
T9500.0	505348.6	5409498.5	75679.79688	347.71	0	48.838438	-86.927109	56204.85	56247.2	2.81	56207.66	56207.66016	56250.81855	56250.82031	505348.6	5409498.5
T9500.0	505347.7	5409498.5	75679.79688	357.48	0	48.838438	-86.927122	56205.25	56247.2	2.81	56208.07	56208.07031	56254.67109	56254.67188	505347.7	5409498.5
T9500.0	505347.0	5409498.6	75680.00000	346.67	0	48.838438	-86.927132	56205.36	56247.2	2.81	56208.17	56208.17188	56251.19861	56251.19922	505347.0	5409498.6
T9500.0	505347.0	5409498.6	75680.10156	356.61	0	48.838438	-86.927132	56205.86	56247.2	2.81	56208.67	56208.67188	56257.25245	56257.25391	505347.0	5409498.6
T9500.0	505346.4	5409498.6	75680.20313	351.24	0	48.838438	-86.927139	56206.12	56247.2	2.81	56208.93	56208.92969	56257.64189	56257.64063	505346.4	5409498.6
T9500.0	505345.9	5409498.6	75680.29688	351.51	0	48.838439	-86.927146	56206.22	56247.2	2.81	56209.03	56209.03125	56254.26521	56254.26563	505345.9	5409498.6
T9500.0	505345.4	5409498.6	75680.39844	359.33	0	48.838439	-86.927154	56206.84	56247.2	2.81	56209.66	56209.66016	56263.49886	56263.50000	505345.4	5409498.6
T9500.0	505345.4	5409498.6	75680.50000	351.27	0	48.838439	-86.927154	56207.57	56247.2	2.81	56210.38	56210.37891	56274.89889	56274.89844	505345.4	5409498.6
T9500.0	505344.8	5409498.6	75680.60156	348.78	0	48.838438	-86.927161	56207.84	56247.2	2.82	56210.65	56210.64844	56275.64779	56275.64844	505344.8	5409498.6
T9500.0	505344.2	5409498.5	75680.70313	357.04	0	48.838438	-86.927170	56207.96	56247.2	2.82	56210.77	56210.76953	56272.86525	56272.86719	505344.2	5409498.5
T9500.0	505344.2	5409498.5	75680.79688	346.23	0	48.838438	-86.927170	56208.72	56247.2	2.82	56211.54	56211.53906	56285.53832	56285.53906	505344.2	5409498.5
T9500.0	505343.5	5409498.5	75680.89844	344.55	0	48.838438	-86.927180	56209.08	56247.2	2.82	56211.90	56211.89844	56288.50719	56288.50781	505343.5	5409498.5
T9500.0	505342.9	5409498.4	75681.00000	356.82	0	48.838437	-86.927188	56209.28	56247.2	2.82	56212.10	56212.10156	56287.70462	56287.70313	505342.9	5409498.4
T9500.0	505342.4	5409498.4	75681.10156	358.44	0	48.838437	-86.927194	56209.28	56247.2	2.82	56212.10	56212.10156	56282.18021	56282.17969	505342.4	5409498.4
T9500.0	505342.4	5409498.4	75681.20313	357.07	0	48.838437	-86.927194	56209.52	56247.2	2.82	56212.35	56212.35156	56282.61357	56282.61328	505342.4	5409498.4
T9500.0	505341.7	5409498.3	75681.29688	358.09	0	48.838436	-86.927203	56209.99	56247.2	2.83	56212.82	56212.82031	56288.29152	56288.29297	505341.7	5409498.3
T9500.0	505341.3	5409498.2	75681.39844	357.78	0	48.838435	-86.927210	56209.89	56247.2	2.83	56212.72	56212.71875	56280.46235	56280.46094	505341.3	5409498.2
T9500.0	505340.8	5409498.1	75681.50000	356.87	0	48.838435	-86.927216	56209.95	56247.2	2.83	56212.78	56212.78125	56276.45124	56276.45313	505340.8	5409498.1
T9500.0	505340.8	5409498.1	75681.60156	359.12	0	48.838435	-86.927216	56210.30	56247.2	2.83	56213.13	56213.12891	56279.34242	56279.34375	505340.8	5409498.1
T9500.0	505340.3	5409498.1	75681.70313	360.01	0	48.838434	-86.927223	56210.64	56247.2	2.83	56213.47	56213.46875	56282.01408	56282.01563	505340.3	5409498.1
T9500.0	505339.8	5409498.0	75681.79688	359.97	0	48.838434	-86.927229	56211.13	56247.2	2.84	56213.96	56213.96094	56288.26235	56288.26172	505339.8	5409498.0
T9500.0	505339.8	5409498.0	75681.89844	358.59	0	48.838434	-86.927229	56211.31	56247.2	2.84	56214.14	56214.14063	56287.16776	56287.16797	505339.8	5409498.0
T9500.0	505339.0	5409497.9	75682.00000	356.27	0	48.838433	-86.927240	56211.61	56247.2	2.84	56214.45	56214.44922	56289.17208	56289.17188	505339.0	5409497.9
T9500.0	505339.0	5409497.9	75682.10156	356.09	0	48.838433	-86.927240	56211.84	56247.2	2.84	56214.68	56214.67969	56289.28943	56289.28906	505339.0	5409497.9
T9500.0	505338.6	5409497.9	75682.20313	347.31	0	48.838433	-86.927245	56211.68	56247.2	2.83	56214.52	56214.51953	56280.16037	56280.16016	505338.6	5409497.9
T9500.0	505338.6	5409497.9	75682.29688	346.71	0	48.838433	-86.927245	56211.84	56247.2	2.83	56214.67	56214.67188	56278.39760	56278.39844	505338.6	5409497.9
T9500.0	505338.2	5409497.9	75682.39844	355.93	0	48.838433	-86.927251	56211.84	56247.2	2.83	56214.67	56214.67188	56273.08135	56273.08203	505338.2	5409497.9
T9500.0	505338.2	5409497.9	75682.50000	356.17	0	48.838433	-86.927251	56212.08	56247.2	2.82	56214.90	56214.89844	56273.22908	56273.23047	505338.2	5409497.9
T9500.0	505337.8	5409497.9	75682.60156	358.14	0	48.838433	-86.927257	56212.37	56247.2	2.82	56215.19	56215.19141	56274.80402	56274.80469	505337.8	5409497.9
T9500.0	505337.5	5409497.9	75682.70313	360.73	0	48.838433	-86.927261	56212.19	56247.2	2.82	56215.01	56215.01172	56265.22485	56265.22656	505337.5	5409497.9
T9500.0	505337.2	5409497.9	75682.79688	351.85	0	48.838433	-86.927265	56212.17	56247.2	2.82	56214.98	56214.98047	56259.20524	56259.20703	505337.2	5409497.9
T9500.0	505337.0	5409498.0	75682.89844	348.89	0	48.838433	-86.927268	56212.23	56247.2	2.81	56215.04	56215.03906	56255.31913	56255.32031	505337.0	5409498.0
T9500.0	505337.0	5409498.0	75683.00000	346.19	0	48.838433	-86.927268	56212.12	56247.2	2.81	56214.93	56214.92969	56247.39346	56247.39453	505337.0	5409498.0
T9500.0	505336.8	5409498.0	75683.10156	347.24	0	48.838433	-86.927271	56212.70	56247.2	2.81	56215.51	56215.51172	56255.83814	56255.83984	505336.8	5409498.0
T9500.0	505336.6	5409498.0	75683.20313	358.42	0	48.838434	-86.927273	56212.79	56247.2	2.81	56215.60	56215.60156	56252.64398	56252.64453	505336.6	5409498.0
T9500.0	505336.5	5409498.0	75683.29688	358.26	0	48.838434	-86.927275	56212.72	56247.2	2.81	56215.53	56215.53125	56245.64136	56245.64063	505336.5	5409498.0

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
T9500.0	505336.3	5409498.1	75683.39844	356.52	0	48.838434	-86.927278	56212.79	56247.2	2.81	56215.60	56215.60156	56241.94858	56241.94922	505336.3	5409498.1
T9500.0	505336.3	5409498.1	75683.50000	357.58	0	48.838434	-86.927278	56212.98	56247.2	2.81	56215.79	56215.78906	56241.08875	56241.08984	505336.3	5409498.1
T9500.0	505336.1	5409498.1	75683.60156	356.38	0	48.838434	-86.927279	56213.24	56247.2	2.81	56216.05	56216.05078	56241.87292	56241.87109	505336.1	5409498.1
T9500.0	505336.0	5409498.1	75683.70313	346.20	0	48.838435	-86.927281	56213.11	56247.2	2.81	56215.92	56215.92188	56233.38082	56233.37891	505336.0	5409498.1
T9500.0	505336.0	5409498.1	75683.79688	346.76	0	48.838435	-86.927281	56213.20	56247.2	2.81	56216.00	56216.00000	56229.85108	56229.85156	505336.0	5409498.1
T9500.0	505335.9	5409498.2	75683.89844	355.28	0	48.838435	-86.927283	56213.55	56247.2	2.81	56216.36	56216.35938	56232.94283	56232.94141	505335.9	5409498.2
T9500.0	505335.9	5409498.2	75684.00000	357.16	0	48.838435	-86.927283	56214.29	56247.2	2.81	56217.10	56217.10156	56245.02726	56245.02734	505335.9	5409498.2
T9500.0	505335.8	5409498.2	75684.10156	356.82	0	48.838435	-86.927284	56214.29	56247.2	2.81	56217.10	56217.10156	56239.51900	56239.51953	505335.8	5409498.2
T9500.0	505335.7	5409498.2	75684.20313	360.19	0	48.838435	-86.927285	56214.22	56247.2	2.82	56217.04	56217.03906	56232.55538	56232.55469	505335.7	5409498.2
T9500.0	505335.6	5409498.2	75684.29688	357.89	0	48.838435	-86.927287	56214.32	56247.2	2.82	56217.15	56217.14844	56229.59305	56229.59375	505335.6	5409498.2
T9500.0	505335.4	5409498.2	75684.39844	360.67	0	48.838436	-86.927289	56214.45	56247.2	2.83	56217.28	56217.28125	56227.06939	56227.07031	505335.4	5409498.2
T9500.0	505335.4	5409498.2	75684.50000	360.68	0	48.838436	-86.927289	56215.06	56247.2	2.83	56217.90	56217.89844	56236.13737	56236.13672	505335.4	5409498.2
T9500.0	505335.3	5409498.3	75684.60156	359.27	0	48.838436	-86.927292	56214.74	56247.2	2.84	56217.58	56217.57813	56222.85379	56222.85547	505335.3	5409498.3
T9500.0	505335.0	5409498.3	75684.70313	357.52	0	48.838436	-86.927295	56214.72	56247.2	2.85	56217.56	56217.55859	56216.64740	56216.64844	505335.0	5409498.3
T9500.0	505335.0	5409498.3	75684.79688	358.90	0	48.838436	-86.927295	56214.70	56247.2	2.85	56217.54	56217.53906	56210.39535	56210.39453	505335.0	5409498.3
T9500.0	505334.8	5409498.4	75684.89844	356.34	0	48.838437	-86.927298	56215.05	56247.1	2.86	56217.91	56217.91016	56213.35179	56213.35156	505334.8	5409498.4
T9500.0	505334.8	5409498.4	75685.00000	347.20	0	48.838437	-86.927298	56215.29	56247.1	2.86	56218.15	56218.14844	56213.17219	56213.17188	505334.8	5409498.4
T9500.0	505334.2	5409498.5	75685.10156	348.01	0	48.838438	-86.927306	56215.56	56247.1	2.86	56218.42	56218.42188	56213.65170	56213.65234	505334.2	5409498.5
T9500.0	505334.2	5409498.5	75685.20313	355.92	0	48.838438	-86.927306	56215.38	56247.1	2.86	56218.24	56218.23828	56203.39518	56203.39453	505334.2	5409498.5
T9500.0	505333.9	5409498.5	75685.29688	353.05	0	48.838438	-86.927310	56215.65	56247.1	2.86	56218.51	56218.51172	56203.76157	56203.76172	505333.9	5409498.5
T9500.0	505333.9	5409498.5	75685.39844	353.95	0	48.838438	-86.927310	56215.41	56247.1	2.86	56218.26	56218.26172	56191.72568	56191.72656	505333.9	5409498.5
T9500.0	505333.6	5409498.5	75685.50000	354.35	0	48.838438	-86.927315	56215.37	56247.1	2.85	56218.22	56218.21875	56184.61156	56184.61328	505333.6	5409498.5
T9500.0	505333.2	5409498.5	75685.60156	353.87	0	48.838438	-86.927319	56215.36	56247.1	2.85	56218.21	56218.21094	56178.14454	56178.14453	505333.2	5409498.5
T9500.0	505332.9	5409498.6	75685.70313	356.75	0	48.838439	-86.927324	56215.33	56247.1	2.85	56218.18	56218.17969	56171.13553	56171.13672	505332.9	5409498.6
T9500.0	505332.9	5409498.6	75685.79688	358.60	0	48.838439	-86.927324	56215.72	56247.1	2.85	56218.57	56218.57031	56174.02552	56174.02734	505332.9	5409498.6
T9500.0	505332.5	5409498.6	75685.89844	360.28	0	48.838439	-86.927329	56215.46	56247.1	2.85	56218.31	56218.30859	56161.41591	56161.41406	505332.5	5409498.6
T9500.0	505332.5	5409498.6	75686.00000	359.53	0	48.838439	-86.927329	56216.76	56247.2	2.85	56219.61	56219.60938	56185.75838	56185.75781	505332.5	5409498.6
T9500.0	505332.1	5409498.6	75686.10156	352.14	0	48.838439	-86.927334	56217.86	56247.2	2.85	56220.71	56220.71094	56205.27736	56205.27734	505332.1	5409498.6
T9500.0	505331.8	5409498.6	75686.20313	352.39	0	48.838439	-86.927339	56217.56	56247.2	2.85	56220.40	56220.39844	56191.25145	56191.25000	505331.8	5409498.6
T9500.0	505331.5	5409498.6	75686.29688	364.17	0	48.838439	-86.927343	56218.22	56247.2	2.85	56221.07	56221.07031	56200.40469	56200.40625	505331.5	5409498.6
T9500.0	505331.5	5409498.6	75686.39844	363.10	0	48.838439	-86.927343	56218.11	56247.2	2.85	56220.96	56220.96094	56190.96159	56190.96094	505331.5	5409498.6
T9500.0	505331.1	5409498.7	75686.50000	350.87	0	48.838439	-86.927349	56218.62	56247.2	2.84	56221.47	56221.46875	56196.14878	56196.14844	505331.1	5409498.7
T9500.0	505330.6	5409498.7	75686.60156	348.95	0	48.838439	-86.927356	56218.91	56247.2	2.84	56221.75	56221.75000	56195.78953	56195.78906	505330.6	5409498.7
T9500.0	505330.6	5409498.7	75686.70313	357.88	0	48.838439	-86.927356	56218.71	56247.2	2.84	56221.55	56221.55078	56183.94806	56183.94922	505330.6	5409498.7
T9500.0	505330.2	5409498.7	75686.79688	357.76	0	48.838440	-86.927361	56218.26	56247.2	2.84	56221.10	56221.10156	56166.08137	56166.08203	505330.2	5409498.7
T9500.0	505329.8	5409498.7	75686.89844	356.35	0	48.838440	-86.927366	56218.78	56247.2	2.84	56221.62	56221.62109	56171.14396	56171.14453	505329.8	5409498.7
T9500.0	505329.8	5409498.7	75687.00000	357.82	0	48.838440	-86.927366	56219.16	56247.2	2.84	56222.00	56222.00000	56172.78823	56172.78906	505329.8	5409498.7
T9500.0	505329.2	5409498.7	75687.10156	358.27	0	48.838439	-86.927374	56219.37	56247.2	2.84	56222.21	56222.21094	56170.30024	56170.30078	505329.2	5409498.7
T9500.0	505328.8	5409498.7	75687.20313	356.81	0	48.838439	-86.927379	56219.80	56247.2	2.84	56222.64	56222.64063	56172.93475	56172.93359	505328.8	5409498.7
T9500.0	505328.8	5409498.7	75687.29688	355.27	0	48.838439	-86.927379	56220.26	56247.2	2.84	56223.10	56223.10156	56176.18035	56176.17969	505328.8	5409498.7
T9500.0	505328.2	5409498.7	75687.39844	355.36	0	48.838439	-86.927387	56220.82	56247.2	2.84	56223.66	56223.66016	56181.69675	56181.69531	505328.2	5409498.7
T9500.0	505327.8	5409498.7	75687.50000	356.93	0	48.838440	-86.927393	56221.29	56247.2	2.83	56224.12	56224.12109	56184.73531	56184.73438	505327.8	5409498.7
T9500.0	505327.3	5409498.7	75687.60156	360.49	0	48.838440	-86.927400	56221.10	56247.2	2.83	56223.93	56223.92969	56172.24026	56172.24219	505327.3	5409498.7
T9500.0	505327.3	5409498.7	75687.70313	361.65	0	48.838440	-86.927400	56221.44	56247.2	2.83	56224.27	56224.26953	56172.21714	56172.21875	505327.3	5409498.7
T9500.0	505326.7	5409498.7	75687.79688	361.82	0	48.838440	-86.927409	56222.04	56247.2	2.83	56224.87	56224.87109	56178.25606	56178.25781	505326.7	5409498.7
T9500.0	505326.0	5409498.7	75687.89844	360.67	0	48.838440	-86.927418	56222.58	56247.2	2.83	56225.41	56225.41016	56182.76045	56182.76172	505326.0	5409498.7
T9500.0	505326.0	5409498.7	75688.00000	360.55	0	48.838440	-86.927418	56222.84	56247.2	2.83	56225.67	56225.67188	56180.50729	56180.50781	505326.0	5409498.7
T9500.0	505325.3	5409498.7	75688.10156	360.84	0	48.838440	-86.927427	56223.40	56247.2	2.83	56226.23	56226.23047	56185.26148	56185.26172	505325.3	5409498.7
T9500.0	505324.8	5409498.8	75688.20313	350.77	0	48.838440	-86.927434	56223.34	56247.2	2.83	56226.18	56226.17969	56175.42312	56175.42188	505324.8	5409498.8
T9500.0	505324.8	5409498.8	75688.29688	347.87	0	48.838440	-86.927434	56223.76	56247.2	2.83	56226.60	56226.60156	56176.62468	56176.62500	505324.8	5409498.8
T9500.0	505324.1	5409498.8	75688.39844	359.34	0	48.838441	-86.927443	56223.88	56247.2	2.83	56226.71	56226.71094	56170.35190	56170.35156	505324.1	5409498.8
T9500.0	505323.5	5409498.8	75688.50000	359.62	0	48.838441	-86.927452	56224.55	56247.2	2.83	56227.39	56227.39063	56177.49044	56177.49219	505323.5	5409498.8
T9500.0	505323.0	5409498.8	75688.60156	358.48	0	48.838441	-86.927459	56225.20	56247.2	2.84	56228.03	56228.03125	56183.56114	56183.56250	505323.0	5409498.8
T9500.0	505322.2	5409498.8	75688.70313	347.52	0	48.838441	-86.927469	56225.82	56247.2	2.84	56228.66	56228.66016	56189.27519	56189.27344	505322.2	5409498.8
T9500.0	505322.2	5409498.8	75688.79688	349.02	0	48.838441	-86.927469	56226.18	56247.2	2.84	56229.02	56229.01953	56188.46077	56188.46094	505322.2	5409498.8
T9500.0	505321.3	5409498.9	75688.89844	357.61	0	48.838441	-86.927482	56226.52	56247.2	2.84	56229.36	56229.35938	56187.05092	56187.05078	505321.3	5409498.9
T9500.0	505321.3	5409498.9	75689.00000	357.58	0	48.838441	-86.927482	56227.66	56247.2	2.84	56230.50	56230.50000	56204.50758	56204.50781	505321.3	5409498.9
T9500.0	505320.5	5409498.9	75689.10156	358.12	0	48.838441	-86.927492	56228.04	56247.2	2.84	56230.88	56230.87891	56203.80390	56203.80469	505320.5	5409498.9
T9500.0	505320.0	5409498.9	75689.20313	357.57	0	48.838442	-86.927499	56228.22	56247.2	2.84	56231.06	56231.05859	56198.23096	56198.23047	505320.0	5409498.9
T9500.0	505319.2	5409498.9	75689.29688	356.69	0	48.838442	-86.927511	56228.04	56247.2	2.84	56230.88	56230.87891	56183.99084	56183.99219	505319.2	5409498.9
T9500.0	505318.5	5409499.0	75689.39844	355.48	0	48.838442	-86.927520	56228.48	56247.2	2.84	56231.31	56231.30859	56184.10606	56184.10547	505318.5	5409499.0
T9500.0	505318.5	5409499.0	75689.50000	356.33	0	48.838442	-86.927520	56229.06	56247.2	2.83	56231.90	56231.89844	56187.89577	56187.89453	505318.5	5409499.0
T9500.0	505317.5	5409499.0	75689.60156	357.33	0	48.838443	-86.927534	56229.88	56247.2	2.83	56232.71	56232.71094	56196.78399	56196.78516	505317.5	5409499.0
T9500.0	505316.7	5409499.0	75689.70313	349.50	0	48.838443	-86.927544	56230.45	56247.2	2.83	56233.28	56233.28125	56199.85270	56199.85156	505316.7	5409499.0
T9500.0	505316.7	5409499.0	75689.79688	349.34	0	48.838443	-86.927544	56230.86	56247.2	2.83	56233.69	56233.69141	56199.00077	56199.00000	505316.7	5409499.0
T9500.0	505315.7	5409499.1	75689.89844	349.19	0	48.838443	-86.927558	56231.69	56247.2	2.83	56234.52	56234.51953	56207.99461	56207.99609	505315.7	5409499.1
T9500.0	505315.0	5409499.1	75690.00000	346.72	0	48.838444	-86.927568	56232.25	56247.2	2.83	56235.08	56235.07813	56210.45744	56210.45703	505315.0	5409499.1
T9500.0	505315.0	5409499.1	75690.10156	347.72	0	48.838444	-86.927568	56232.71	56247.2	2.83	56235.54	56235.53906	56210.42458	56210.42578	505315.0	5409499.1
T9500.0	505314.0	5409499.2	75690.20313	345.74	0	48.838444	-86.927581	56233.02	56247.2	2.83	56235.86	56235.85938	56206.94708	56206.94531	505314.0	5409499.2
T9500.0	505313.1	5409499.2	75690.29688	345.77	0	48.838444	-86.927593	56233.54	56247.2	2.83	56236.37	56236.37109	56207.85800	56207.85938	505313.1	5409499.2
T9500.0	505313.1	5409499.2	75690.39844	345.25	0	48.838444	-86.927593	56234.00	56247.2	2.83	56236.84	56236.83984	56207.69897	56207.69922	505313.1	5409499.2
T9500.0	505311.8	5409499.2	75690.50000	346.68	0	48.838445	-86.927611	56234.29	56247.2	2.83	56237.13	56237.12891	56203.14786	56203.14844	505311.8	5409499.2
T9500.0	505311.0	5409499.3	75690.60156	346.45	0	48.838445	-86.927622	56234.89	56247.2	2.84	56237.73	56237.73047	56205.83558	56205.83594	505311.0	5409499.3
T9500.0	505310.3	5409499.3	75690.70313	345.97	0	48.838445	-86.927632	56235.49	56247.2	2.84	56238.32	56238.32031	56208.16791	56208.16797	505310.3	5409499.3
T9500.0	505310.3	5409499.3	75690.79688	347.51	0	48.838445	-86.927632	56236.01	56247.2	2.84	56238.85	56238.85156	56208.95914	56208.96094	505310.3	5409499.3
T9500.0	505309.1	5409499.3	75690.89844	347.05	0	48.838445	-86.927648	56236.41	56247.2	2.84	56239.25	56239.25000	56206.54893	56206.55078	505309.1	5409499.3
T9500.0	505309.1	5409499.3	75691.00000	347.87	0	48.838445	-86.927648	56237.43	56247.2	2.84	56240.27	56240.26953	56218.73963	56218.73828	505309.1	5409499.3
T9500.0	505307.9	5409499.3	75691.10156	351.15	0	48.838445	-86.927664	56238.18	56247.2	2.84	56241.02	56241.01953	56224.40854	56224.41016	505307.9	5409499.3
T9500.0	505306.8	5409499.3	75691.20313	352.18	0	48.838445	-86.927679	56238.86	56247.2	2.84	56241.69	56241.69141	56228.06667	56228.06641	505306.8	5409499.3
T9500.0	505305.9	5409499.3	75691.29688	349.89	0	48.838445	-86.927691	56239.27	56247.2	2.83	56242.11	56242.10938	56225.68059	56225.67969	505305.9	5409499.3
T9500.0	505305.9	5409499.3	75691.39844	349.24	0	48.838445	-86.927691	56239.66	56247.2	2.83	56242.49	56242.48828	56222.23620	56222.23438	505305.9	5409499.3
T9500.0	505304.8	5409499.2	75691.50000	348.38	0	48.838445	-86.927706	56240.16	56247.2	2.83	56242.99	56242.98828	56221.53274	56221.53125	505304.8	5409499.2
T9500.0	505304.2	5409499.2	75691.60156	349.58	0	48.838444	-86.927715	56240.75	56247.2	2.83	56243.57	56243.57031	56222.62258	56222.62109	505304.2	5409499.2
T9500.0	505304.2	5409499.2	75691.70313	348.86	0	48.838444	-86.927715	56241.68	56247.2	2.83	56244.50	56244.50000	56231.91597	56231.91406	505304.2	5409499.2
T9500.0	505302.8	5409499.1	75691.79688	348.00	0	48.838444	-86.927735	56242.22	56247.2	2.82	56245.05	56245.05078	56232.08843	56232.08984	505302.8	5409499.1
T9500.0	505301.9	5409499.1	75691.89844	349.92	0	48.838443	-86.927746	56242.84	56247.2	2.82	56245.67	56245.67188	56233.82267	56233.82422	505301.9	5409499.1
T9500.0	505301.9	5409499.1	75692.00000	348.31	0	48.838443	-86.927746	56243.36	56247.2	2.82	56246.18	56246.17969	56232.84852	56232.84766	505301.9	5409499.1
T9500.0	505300.8	5409499.0	75692.10156	345.42	0	48.838443	-86.927761	56244.25	56247.2	2.82	56247.08	56247.07813	56241.03561	56241.03516	505300.8	5409499.0
T9500.0	505300.1	5409499.0	75692.20313	343.11	0	48.838442	-86.927771	56245.02	56247.2	2.82	56247.84	56247.83984	56245.80677	56245.80859	505300.1	5409499.0
T9500.0	505298.9	5409498.9	75692.29688	355.19	0	48.838442	-86.927787	56245.88	56247.2	2.83	56248.71	56248.71094	56253.09807	56253.09766	505298.9	5409498.9
T9500.0	505298.1	5409498.8	75692.39844	355.95	0	48.838441	-86.927799	56246.72	56247.2	2.83	56249.55	56249.55078	56259.58909	56259.58984	505298.1	5409498.8
T9500.0	505297.1	5409498.8	75692.50000	358.54	0	48.838441	-86.927811	56247.18	56247.2	2.83	56250.01	56250.01172	56256.97517	56256.97656	505297.1	5409498.8
T9500.0	505297.1	5409498.8	75692.60156	358.46	0	48.838441	-86.927811	56247.77	56247.2	2.83	56250.60	56250.60156	56257.36370	56257.36328	505297.1	5409498.8

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
T9500.0	505295.7	5409498.7	75692.70313	359.06	0	48.838440	-86.927831	56248.36	56247.2	2.83	56251.19	56251.19141	56257.67183	56257.67188	505295.7	5409498.7
T9500.0	505295.7	5409498.7	75692.79688	360.34	0	48.838440	-86.927831	56249.04	56247.2	2.84	56251.88	56251.87891	56260.27582	56260.27734	505295.7	5409498.7
T9500.0	505294.4	5409498.7	75692.89844	361.10	0	48.838440	-86.927848	56249.72	56247.2	2.84	56252.56	56252.55859	56262.56768	56262.56641	505294.4	5409498.7
T9500.0	505293.3	5409498.6	75693.00000	360.40	0	48.838439	-86.927864	56249.98	56247.2	2.84	56252.82	56252.82031	56254.81905	56254.82031	505293.3	5409498.6
T9500.0	505292.1	5409498.6	75693.10156	349.96	0	48.838439	-86.927879	56250.96	56247.2	2.84	56253.80	56253.80078	56264.09063	56264.08984	505292.1	5409498.6
T9500.0	505291.4	5409498.5	75693.20313	347.59	0	48.838439	-86.927889	56251.55	56247.2	2.84	56254.39	56254.39063	56264.03980	56264.03906	505291.4	5409498.5
T9500.0	505291.4	5409498.5	75693.29688	348.59	0	48.838439	-86.927889	56252.00	56247.2	2.84	56254.85	56254.85156	56260.84076	56260.83984	505291.4	5409498.5
T9500.0	505290.4	5409498.5	75693.39844	349.77	0	48.838438	-86.927903	56252.52	56247.2	2.84	56255.36	56255.35938	56258.76896	56258.76953	505290.4	5409498.5
T9500.0	505290.4	5409498.5	75693.50000	349.02	0	48.838438	-86.927903	56253.54	56247.2	2.85	56256.38	56256.37891	56268.74569	56268.74609	505290.4	5409498.5
T9500.0	505289.2	5409498.5	75693.60156	348.68	0	48.838438	-86.927920	56253.95	56247.2	2.85	56256.79	56256.78906	56264.19124	56264.19141	505289.2	5409498.5
T9500.0	505287.9	5409498.4	75693.70313	349.00	0	48.838438	-86.927937	56254.76	56247.2	2.85	56257.60	56257.60156	56269.08118	56269.08203	505287.9	5409498.4
T9500.0	505287.0	5409498.4	75693.79688	348.15	0	48.838438	-86.927949	56255.66	56247.2	2.85	56258.50	56258.50000	56276.06114	56276.06250	505287.0	5409498.4
T9500.0	505285.9	5409498.4	75693.89844	350.83	0	48.838438	-86.927964	56256.27	56247.2	2.85	56259.12	56259.12109	56276.35273	56276.35156	505285.9	5409498.4
T9500.0	505285.9	5409498.4	75694.00000	351.24	0	48.838438	-86.927964	56256.93	56247.2	2.85	56259.78	56259.78125	56277.55463	56277.55469	505285.9	5409498.4
T9500.0	505284.8	5409498.4	75694.10156	350.17	0	48.838438	-86.927979	56257.49	56247.2	2.85	56260.34	56260.33984	56276.34756	56276.34766	505284.8	5409498.4
T9500.0	505283.5	5409498.4	75694.20313	351.16	0	48.838437	-86.927996	56258.23	56247.2	2.85	56261.08	56261.07813	56279.38092	56279.38281	505283.5	5409498.4
T9500.0	505283.5	5409498.4	75694.29688	353.19	0	48.838437	-86.927996	56259.03	56247.2	2.85	56261.87	56261.87109	56283.57285	56283.57422	505283.5	5409498.4
T9500.0	505282.6	5409498.4	75694.39844	352.92	0	48.838437	-86.928010	56260.07	56247.2	2.85	56262.92	56262.92188	56293.91141	56293.91016	505282.6	5409498.4
T9500.0	505281.8	5409498.4	75694.50000	349.86	0	48.838437	-86.928020	56260.84	56247.2	2.84	56263.68	56263.67969	56297.34621	56297.34766	505281.8	5409498.4
T9500.0	505280.6	5409498.4	75694.60156	350.30	0	48.838437	-86.928037	56261.76	56247.2	2.84	56264.60	56264.60156	56304.56172	56304.56250	505280.6	5409498.4
T9500.0	505279.3	5409498.4	75694.70313	349.09	0	48.838437	-86.928055	56262.75	56247.2	2.84	56265.59	56265.58984	56313.42567	56313.42578	505279.3	5409498.4
T9500.0	505279.3	5409498.4	75694.79688	346.73	0	48.838437	-86.928055	56262.83	56247.2	2.84	56265.67	56265.67188	56300.68178	56300.68359	505279.3	5409498.4
T9500.0	505278.1	5409498.4	75694.89844	346.02	0	48.838437	-86.928071	56263.56	56247.2	2.84	56266.40	56266.39844	56303.36030	56303.35938	505278.1	5409498.4
T9500.0	505276.8	5409498.4	75695.00000	346.70	0	48.838437	-86.928088	56264.23	56247.2	2.84	56267.07	56267.07031	56304.61343	56304.61328	505276.8	5409498.4
T9500.0	505276.8	5409498.4	75695.10156	349.11	0	48.838437	-86.928088	56264.62	56247.2	2.84	56267.46	56267.46094	56299.22347	56299.22266	505276.8	5409498.4
T9500.0	505275.0	5409498.3	75695.20313	349.11	0	48.838437	-86.928112	56265.07	56247.2	2.84	56267.92	56267.92188	56295.50158	56295.50000	505275.0	5409498.3
T9500.0	505274.1	5409498.3	75695.29688	348.88	0	48.838437	-86.928126	56265.76	56247.2	2.84	56268.60	56268.60156	56297.01199	56297.01172	505274.1	5409498.3
T9500.0	505274.1	5409498.3	75695.39844	348.77	0	48.838437	-86.928126	56266.68	56247.2	2.84	56269.52	56269.51953	56304.23342	56304.23438	505274.1	5409498.3
T9500.0	505272.9	5409498.4	75695.50000	349.12	0	48.838437	-86.928141	56267.22	56247.2	2.84	56270.06	56270.05859	56302.45428	56302.45313	505272.9	5409498.4
T9500.0	505271.9	5409498.4	75695.60156	351.24	0	48.838437	-86.928156	56267.97	56247.2	2.85	56270.82	56270.82031	56305.91951	56305.91797	505271.9	5409498.4
T9500.0	505270.7	5409498.4	75695.70313	352.52	0	48.838438	-86.928171	56268.67	56247.2	2.85	56271.52	56271.51953	56307.98742	56307.98828	505270.7	5409498.4
T9500.0	505270.7	5409498.4	75695.79688	351.27	0	48.838438	-86.928171	56269.75	56247.2	2.85	56272.59	56272.58984	56318.86801	56318.86719	505270.7	5409498.4
T9500.0	505269.4	5409498.4	75695.89844	351.51	0	48.838438	-86.928190	56270.40	56247.2	2.85	56273.25	56273.25000	56320.05218	56320.05078	505269.4	5409498.4
T9500.0	505268.2	5409498.4	75696.00000	350.86	0	48.838438	-86.928205	56271.13	56247.2	2.85	56273.97	56273.96875	56322.69935	56322.69922	505268.2	5409498.4
T9500.0	505268.2	5409498.4	75696.10156	349.53	0	48.838438	-86.928205	56271.84	56247.2	2.85	56274.69	56274.69141	56325.38947	56325.39063	505268.2	5409498.4
T9500.0	505267.1	5409498.5	75696.20313	348.66	0	48.838438	-86.928221	56272.76	56247.2	2.85	56275.61	56275.60938	56332.87354	56332.87500	505267.1	5409498.5
T9500.0	505265.6	5409498.5	75696.29688	346.06	0	48.838439	-86.928241	56273.60	56247.2	2.85	56276.45	56276.44922	56338.50984	56338.51172	505265.6	5409498.5
T9500.0	505264.2	5409498.5	75696.39844	347.21	0	48.838439	-86.928260	56274.28	56247.2	2.85	56277.12	56277.12109	56340.16624	56340.16797	505264.2	5409498.5
T9500.0	505264.2	5409498.5	75696.50000	348.94	0	48.838439	-86.928260	56274.64	56247.2	2.85	56277.49	56277.48828	56334.76123	56334.76172	505264.2	5409498.5
T9500.0	505263.0	5409498.6	75696.60156	349.70	0	48.838439	-86.928276	56275.26	56247.2	2.84	56278.11	56278.10938	56335.35294	56335.35156	505263.0	5409498.6
T9500.0	505263.0	5409498.6	75696.70313	350.25	0	48.838439	-86.928276	56275.94	56247.2	2.84	56278.78	56278.78125	56337.19835	56337.19922	505263.0	5409498.6
T9500.0	505261.6	5409498.6	75696.79688	348.04	0	48.838440	-86.928296	56276.69	56247.2	2.84	56279.53	56279.53125	56341.01345	56341.01172	505261.6	5409498.6
T9500.0	505260.4	5409498.7	75696.89844	349.26	0	48.838440	-86.928312	56277.58	56247.2	2.84	56280.42	56280.42188	56348.22624	56348.22656	505260.4	5409498.7
T9500.0	505259.0	5409498.7	75697.00000	348.31	0	48.838440	-86.928331	56277.84	56247.2	2.84	56280.68	56280.67969	56340.56476	56340.56641	505259.0	5409498.7
T9500.0	505258.0	5409498.7	75697.10156	347.06	0	48.838441	-86.928344	56278.40	56247.2	2.84	56281.24	56281.23828	56340.10627	56340.10547	505258.0	5409498.7
T9500.0	505258.0	5409498.7	75697.20313	348.16	0	48.838441	-86.928344	56279.16	56247.2	2.84	56282.00	56282.00000	56344.48107	56344.48047	505258.0	5409498.7
T9500.0	505256.6	5409498.8	75697.29688	348.92	0	48.838441	-86.928364	56279.93	56247.2	2.84	56282.77	56282.76953	56349.18332	56349.18359	505256.6	5409498.8
T9500.0	505255.5	5409498.8	75697.39844	347.67	0	48.838441	-86.928379	56280.56	56247.2	2.84	56283.40	56283.39844	56350.65653	56350.65625	505255.5	5409498.8
T9500.0	505254.2	5409498.8	75697.50000	345.58	0	48.838441	-86.928397	56281.07	56247.2	2.84	56283.91	56283.91016	56349.37908	56349.37891	505254.2	5409498.8
T9500.0	505254.2	5409498.8	75697.60156	344.70	0	48.838441	-86.928397	56281.94	56247.2	2.84	56284.78	56284.78125	56356.74731	56356.74609	505254.2	5409498.8
T9500.0	505252.5	5409498.8	75697.70313	345.49	0	48.838442	-86.928420	56282.89	56247.2	2.84	56285.73	56285.73047	56366.11907	56366.11719	505252.5	5409498.8
T9500.0	505252.5	5409498.8	75697.79688	346.50	0	48.838442	-86.928420	56283.52	56247.2	2.84	56286.36	56286.35938	56368.00395	56368.00391	505252.5	5409498.8
T9500.0	505250.0	5409498.9	75697.89844	348.61	0	48.838442	-86.928454	56283.73	56247.2	2.84	56286.57	56286.57031	56360.03195	56360.03125	505250.0	5409498.9
T9500.0	505250.0	5409498.9	75698.00000	350.21	0	48.838442	-86.928454	56284.55	56247.2	2.84	56287.39	56287.39063	56366.65338	56366.65234	505250.0	5409498.9
T9500.0	505248.5	5409498.9	75698.10156	349.07	0	48.838442	-86.928473	56285.52	56247.2	2.84	56288.36	56288.35938	56376.95358	56376.95313	505248.5	5409498.9
T9500.0	505246.9	5409498.9	75698.20313	347.62	0	48.838443	-86.928496	56286.25	56247.2	2.85	56289.10	56289.10156	56381.91661	56381.91797	505246.9	5409498.9
T9500.0	505246.9	5409498.9	75698.29688	347.47	0	48.838443	-86.928496	56286.92	56247.1	2.85	56289.77	56289.76953	56385.34327	56385.34375	505246.9	5409498.9
T9500.0	505245.1	5409499.0	75698.39844	350.12	0	48.838443	-86.928520	56287.69	56247.1	2.86	56290.55	56290.55078	56391.50902	56391.50781	505245.1	5409499.0
T9500.0	505245.1	5409499.0	75698.50000	348.70	0	48.838443	-86.928520	56288.04	56247.1	2.86	56290.90	56290.89844	56387.60015	56387.60156	505245.1	5409499.0
T9500.0	505243.7	5409499.0	75698.60156	347.27	0	48.838443	-86.928540	56288.70	56247.1	2.87	56291.57	56291.57031	56391.42080	56391.42188	505243.7	5409499.0
T9500.0	505242.5	5409499.0	75698.70313	349.53	0	48.838443	-86.928556	56289.25	56247.1	2.88	56292.12	56292.12109	56392.53062	56392.53125	505242.5	5409499.0
T9500.0	505242.5	5409499.0	75698.79688	347.96	0	48.838443	-86.928556	56289.82	56247.1	2.88	56292.70	56292.69922	56394.49270	56394.49219	505242.5	5409499.0
T9500.0	505240.6	5409499.0	75698.89844	347.49	0	48.838443	-86.928582	56290.85	56247.1	2.89	56293.74	56293.73828	56407.51584	56407.51563	505240.6	5409499.0
T9500.0	505239.5	5409499.0	75699.00000	346.61	0	48.838443	-86.928596	56291.36	56247.1	2.89	56294.25	56294.25000	56408.10527	56408.10547	505239.5	5409499.0
T9500.0	505238.2	5409499.0	75699.10156	348.12	0	48.838443	-86.928614	56291.94	56247.1	2.89	56294.83	56294.82813	56410.50453	56410.50391	505238.2	5409499.0
T9500.0	505238.2	5409499.0	75699.20313	348.02	0	48.838443	-86.928614	56292.22	56247.1	2.89	56295.11	56295.10938	56405.93431	56405.93359	505238.2	5409499.0
T9500.0	505235.4	5409499.0	75699.29688	348.22	0	48.838443	-86.928653	56292.92	56247.1	2.88	56295.80	56295.80078	56411.24881	56411.25000	505235.4	5409499.0
T9500.0	505235.4	5409499.0	75699.39844	348.12	0	48.838443	-86.928653	56293.40	56247.1	2.88	56296.28	56296.28125	56411.73481	56411.73438	505235.4	5409499.0
T9500.0	505235.4	5409499.0	75699.50000	347.79	0	48.838443	-86.928653	56293.66	56247.1	2.88	56296.54	56296.53906	56407.15728	56407.15625	505235.4	5409499.0
T9500.0	505233.9	5409499.0	75699.60156	346.97	0	48.838443	-86.928672	56294.02	56247.1	2.88	56296.89	56296.89063	56404.87623	56404.87500	505233.9	5409499.0
T9500.0	505232.6	5409498.9	75699.70313	345.28	0	48.838443	-86.928690	56294.55	56247.1	2.88	56297.42	56297.42188	56407.02991	56407.03125	505232.6	5409498.9
T9500.0	505231.0	5409498.9	75699.79688	346.88	0	48.838443	-86.928712	56295.32	56247.1	2.87	56298.19	56298.19141	56415.04444	56415.04297	505231.0	5409498.9
T9500.0	505229.4	5409498.9	75699.89844	346.77	0	48.838443	-86.928734	56295.63	56247.1	2.87	56298.50	56298.50000	56412.30737	56412.30859	505229.4	5409498.9
T9500.0	505229.4	5409498.9	75700.00000	347.24	0	48.838443	-86.928734	56296.23	56247.1	2.87	56299.10	56299.10156	56416.62167	56416.62109	505229.4	5409498.9
T9500.0	505227.9	5409498.9	75700.10156	344.73	0	48.838442	-86.928755	56296.90	56247.1	2.87	56299.77	56299.76953	56422.76742	56422.76563	505227.9	5409498.9
T9500.0	505226.8	5409498.9	75700.20313	343.71	0	48.838442	-86.928770	56297.82	56247.1	2.86	56300.68	56300.67969	56434.78118	56434.78125	505226.8	5409498.9
T9500.0	505226.8	5409498.9	75700.29688	344.01	0	48.838442	-86.928770	56298.36	56247.1	2.86	56301.22	56301.21875	56438.18626	56438.18750	505226.8	5409498.9
T9500.0	505225.3	5409498.9	75700.39844	344.35	0	48.838442	-86.928791	56298.68	56247.1	2.86	56301.54	56301.53906	56436.54433	56436.54297	505225.3	5409498.9
T9500.0	505224.0	5409498.9	75700.50000	345.00	0	48.838442	-86.928808	56298.89	56247.1	2.86	56301.75	56301.75000	56432.46758	56432.46875	505224.0	5409498.9
T9500.0	505222.6	5409498.9	75700.60156	343.06	0	48.838442	-86.928826	56299.17	56247.1	2.85	56302.02	56302.01953	56429.99216	56429.99219	505222.6	5409498.9
T9500.0	505222.6	5409498.9	75700.70313	344.30	0	48.838442	-86.928826	56299.70	56247.2	2.85	56302.55	56302.55078	56433.86621	56433.86719	505222.6	5409498.9
T9500.0	505221.3	5409498.9	75700.79688	346.79	0	48.838442	-86.928844	56299.98	56247.2	2.85	56302.83	56302.82813	56431.98599	56431.98438	505221.3	5409498.9
T9500.0	505219.5	5409498.9	75700.89844	348.13	0	48.838442	-86.928869	56300.35	56247.2	2.84	56303.19	56303.19141	56432.18496	56432.18359	505219.5	5409498.9
T9500.0	505219.5	5409498.9	75701.00000	347.91	0	48.838442	-86.928869	56300.16	56247.2	2.84	56303.00	56303.00000	56419.51100	56419.51172	505219.5	5409498.9
T9500.0	505218.1	5409498.8	75701.10156	348.31	0	48.838442	-86.928888	56300.45	56247.2	2.84	56303.29	56303.28906	56418.41173	56418.41016	505218.1	5409498.8
T9500.0	505216.8	5409498.8	75701.20313	347.99	0	48.838442	-86.928905	56301.03	56247.2	2.84	56303.87	56303.87109	56424.37817	56424.37891	505216.8	5409498.8
T9500.0	505216.8	5409498.8	75701.29688	347.62	0	48.838442	-86.928905	56301.82	56247.2	2.84	56304.66	56304.66016	56435.51207	56435.51172	505216.8	5409498.8
T9500.0	505215.5	5409498.8	75701.39844	348.44	0	48.838442	-86.928924	56302.26	56247.2	2.84	56305.10	56305.10156	56438.52234	56438.52344	505215.5	5409498.8
T9500.0	505213.9	5409498.8	75701.50000	349.13	0	48.838442	-86.928945	56302.52	56247.2	2.85	56305.36	56305.35938	56437.44425	56437.44531	505213.9	5409498.8
T9500.0	505212.8	5409498.8	75701.60156	348.51	0	48.838442	-86.928961	56302.92	56247.2	2.85	56305.76	56305.76172	56439.87316	56439.87500	505212.8	5409498.8
T9500.0	505212.8	5409498.8	75701.70313	350.95	0	48.838442	-86.928961	56303.00	56247.2	2.85	56305.84	56305.83984	56434.89116	56434.89063	505212.8	5409498.8
T9500.0	505211.4	5409498.8	75701.79688	352.98	0	48.838442	-86.928979	56303.45	56247.2	2.85	56306.30	56306.30078	56439.11267	56439.11328	505211.4	5409498.8
T9500.0	505210.3	5409498.8	75701.89844	352.80	0	48.838442	-86.928995	56303.79	56247.2	2.85	56306.63	56306.62891	56440.43283	56440.43359	505210.3	5409498.8

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
T9500.0	505209.0	5409498.8	75702.00000	353.70	0	48.838442	-86.929012	56304.18	56247.2	2.85	56307.03	56307.03125	56443.59842	56443.59766	505209.0	5409498.8
T9500.0	505209.0	5409498.8	75702.10156	353.13	0	48.838442	-86.929012	56304.24	56247.1	2.85	56307.09	56307.08984	56438.87789	56438.87891	505209.0	5409498.8
T9500.0	505206.9	5409498.8	75702.20313	352.59	0	48.838442	-86.929040	56304.56	56247.1	2.86	56307.42	56307.42188	56440.74910	56440.75000	505206.9	5409498.8
T9500.0	505205.6	5409498.8	75702.29688	352.31	0	48.838441	-86.929059	56304.91	56247.1	2.86	56307.77	56307.76953	56443.27785	56443.27734	505205.6	5409498.8
T9500.0	505204.5	5409498.8	75702.39844	352.09	0	48.838441	-86.929074	56305.19	56247.1	2.86	56308.05	56308.05078	56444.32744	56444.32813	505204.5	5409498.8
T9500.0	505203.4	5409498.8	75702.50000	351.39	0	48.838441	-86.929088	56305.45	56247.1	2.86	56308.31	56308.30859	56445.08392	56445.08203	505203.4	5409498.8
T9500.0	505203.4	5409498.8	75702.60156	350.15	0	48.838441	-86.929088	56305.40	56247.1	2.87	56308.27	56308.26953	56438.90077	56438.90234	505203.4	5409498.8
T9500.0	505201.8	5409498.7	75702.70313	349.36	0	48.838441	-86.929111	56305.83	56247.1	2.87	56308.70	56308.69922	56444.05295	56444.05469	505201.8	5409498.7
T9500.0	505201.8	5409498.7	75702.79688	349.58	0	48.838441	-86.929111	56305.98	56247.1	2.87	56308.85	56308.85156	56442.73836	56442.73828	505201.8	5409498.7
T9500.0	505199.4	5409498.7	75702.89844	349.14	0	48.838441	-86.929144	56306.19	56247.1	2.88	56309.07	56309.07031	56443.26314	56443.26172	505199.4	5409498.7
T9500.0	505199.4	5409498.7	75703.00000	347.51	0	48.838441	-86.929144	56306.06	56247.1	2.88	56308.94	56308.94141	56435.65753	56435.65625	505199.4	5409498.7
T9500.0	505198.3	5409498.7	75703.10156	347.11	0	48.838441	-86.929158	56305.96	56247.1	2.88	56308.84	56308.83984	56428.93952	56428.94141	505198.3	5409498.7
T9500.0	505196.7	5409498.7	75703.20313	345.86	0	48.838441	-86.929180	56306.35	56247.1	2.88	56309.23	56309.23047	56434.02581	56434.02734	505196.7	5409498.7
T9500.0	505195.4	5409498.7	75703.29688	346.06	0	48.838441	-86.929198	56306.59	56247.1	2.88	56309.47	56309.46875	56435.72470	56435.72656	505195.4	5409498.7
T9500.0	505195.4	5409498.7	75703.39844	347.21	0	48.838441	-86.929198	56306.57	56247.1	2.88	56309.45	56309.44922	56431.42387	56431.42578	505195.4	5409498.7
T9500.0	505193.6	5409498.7	75703.50000	348.54	0	48.838441	-86.929222	56306.39	56247.1	2.88	56309.27	56309.26953	56423.49523	56423.49609	505193.6	5409498.7
T9500.0	505192.0	5409498.6	75703.60156	346.68	0	48.838440	-86.929244	56306.70	56247.1	2.88	56309.58	56309.57813	56427.36476	56427.36328	505192.0	5409498.6
T9500.0	505192.0	5409498.6	75703.70313	346.45	0	48.838440	-86.929244	56306.92	56247.1	2.88	56309.80	56309.80078	56429.26452	56429.26563	505192.0	5409498.6
T9500.0	505190.7	5409498.6	75703.79688	348.46	0	48.838440	-86.929262	56307.41	56247.1	2.88	56310.29	56310.28906	56437.73724	56437.73828	505190.7	5409498.6
T9500.0	505189.1	5409498.5	75703.89844	348.53	0	48.838440	-86.929283	56307.79	56247.1	2.88	56310.67	56310.67188	56443.76181	56443.76172	505189.1	5409498.5
T9500.0	505189.1	5409498.5	75704.00000	357.22	0	48.838440	-86.929283	56307.62	56247.1	2.88	56310.50	56310.50000	56436.89293	56436.89453	505189.1	5409498.5
T9500.0	505187.9	5409498.5	75704.10156	358.26	0	48.838439	-86.929300	56307.77	56247.1	2.88	56310.65	56310.64844	56437.77788	56437.77734	505187.9	5409498.5
T9500.0	505186.3	5409498.5	75704.20313	358.07	0	48.838439	-86.929321	56307.38	56247.1	2.87	56310.26	56310.26172	56426.00261	56426.00391	505186.3	5409498.5
T9500.0	505186.3	5409498.5	75704.29688	357.48	0	48.838439	-86.929321	56307.26	56247.1	2.87	56310.13	56310.12891	56420.55281	56420.55469	505186.3	5409498.5
T9500.0	505185.0	5409498.4	75704.39844	357.49	0	48.838439	-86.929339	56307.31	56247.1	2.87	56310.18	56310.17969	56419.52749	56419.52734	505185.0	5409498.4
T9500.0	505183.4	5409498.4	75704.50000	358.46	0	48.838439	-86.929361	56307.44	56247.1	2.86	56310.30	56310.30078	56420.31351	56420.31250	505183.4	5409498.4
T9500.0	505182.0	5409498.4	75704.60156	359.65	0	48.838438	-86.929380	56307.43	56247.1	2.86	56310.30	56310.30078	56418.39891	56418.39844	505182.0	5409498.4
T9500.0	505182.0	5409498.4	75704.70313	348.54	0	48.838438	-86.929380	56307.24	56247.1	2.86	56310.10	56310.10156	56411.88251	56411.88281	505182.0	5409498.4
T9500.0	505180.5	5409498.4	75704.79688	347.36	0	48.838438	-86.929400	56307.11	56247.1	2.86	56309.96	56309.96094	56406.93291	56406.93359	505180.5	5409498.4
T9500.0	505179.0	5409498.4	75704.89844	358.07	0	48.838438	-86.929421	56307.21	56247.1	2.85	56310.06	56310.05859	56407.81987	56407.82031	505179.0	5409498.4
T9500.0	505179.0	5409498.4	75705.00000	355.73	0	48.838438	-86.929421	56306.90	56247.2	2.85	56309.75	56309.75000	56399.11319	56399.11328	505179.0	5409498.4
T9500.0	505177.5	5409498.4	75705.10156	356.08	0	48.838438	-86.929442	56306.90	56247.1	2.85	56309.75	56309.75000	56397.89936	56397.89844	505177.5	5409498.4
T9500.0	505176.0	5409498.4	75705.20313	355.90	0	48.838438	-86.929462	56306.35	56247.1	2.86	56309.20	56309.19922	56383.76378	56383.76563	505176.0	5409498.4
T9500.0	505174.6	5409498.4	75705.29688	355.54	0	48.838438	-86.929481	56306.16	56247.1	2.86	56309.02	56309.01953	56378.53981	56378.53906	505174.6	5409498.4
T9500.0	505174.6	5409498.4	75705.39844	357.88	0	48.838438	-86.929481	56306.54	56247.1	2.86	56309.40	56309.39844	56386.73436	56386.73438	505174.6	5409498.4
T9500.0	505173.5	5409498.4	75705.50000	359.20	0	48.838438	-86.929496	56306.75	56247.1	2.86	56309.61	56309.60938	56391.01824	56391.01953	505173.5	5409498.4
T9500.0	505171.9	5409498.4	75705.60156	358.37	0	48.838438	-86.929518	56306.60	56247.1	2.87	56309.47	56309.46875	56387.11641	56387.11719	505171.9	5409498.4
T9500.0	505170.7	5409498.4	75705.70313	359.03	0	48.838438	-86.929535	56306.92	56247.1	2.87	56309.79	56309.78906	56394.25126	56394.25000	505170.7	5409498.4
T9500.0	505170.7	5409498.4	75705.79688	358.28	0	48.838438	-86.929535	56307.11	56247.1	2.87	56309.98	56309.98047	56398.41640	56398.41797	505170.7	5409498.4
T9500.0	505169.0	5409498.4	75705.89844	355.21	0	48.838438	-86.929557	56306.78	56247.1	2.88	56309.65	56309.64844	56390.35240	56390.35156	505169.0	5409498.4
T9500.0	505167.5	5409498.4	75706.00000	354.96	0	48.838439	-86.929577	56306.97	56247.1	2.88	56309.85	56309.85156	56394.97796	56394.97656	505167.5	5409498.4
T9500.0	505167.5	5409498.4	75706.10156	357.03	0	48.838439	-86.929577	56306.77	56247.1	2.88	56309.65	56309.64844	56390.21677	56390.21484	505167.5	5409498.4
T9500.0	505166.1	5409498.4	75706.20313	358.86	0	48.838439	-86.929596	56306.60	56247.1	2.88	56309.48	56309.48047	56386.27192	56386.27344	505166.1	5409498.4
T9500.0	505164.8	5409498.5	75706.29688	346.86	0	48.838439	-86.929615	56306.82	56247.1	2.87	56309.70	56309.69922	56391.68502	56391.68359	505164.8	5409498.5
T9500.0	505164.8	5409498.5	75706.39844	346.63	0	48.838439	-86.929615	56306.75	56247.1	2.87	56309.62	56309.62109	56390.07612	56390.07422	505164.8	5409498.5
T9500.0	505163.8	5409498.5	75706.50000	358.16	0	48.838439	-86.929628	56306.78	56247.1	2.87	56309.65	56309.64844	56391.17356	56391.17188	505163.8	5409498.5
T9500.0	505162.3	5409498.5	75706.60156	359.43	0	48.838440	-86.929648	56306.36	56247.1	2.87	56309.23	56309.23047	56381.68292	56381.68359	505162.3	5409498.5
T9500.0	505162.3	5409498.5	75706.70313	359.25	0	48.838440	-86.929648	56306.46	56247.1	2.87	56309.33	56309.32813	56384.62404	56384.62500	505162.3	5409498.5
T9500.0	505160.8	5409498.5	75706.79688	359.72	0	48.838440	-86.929670	56306.52	56247.1	2.86	56309.38	56309.37891	56386.46516	56386.46484	505160.8	5409498.5
T9500.0	505159.8	5409498.6	75706.89844	357.78	0	48.838440	-86.929682	56306.57	56247.1	2.86	56309.44	56309.44141	56388.62744	56388.62891	505159.8	5409498.6
T9500.0	505159.8	5409498.6	75707.00000	357.85	0	48.838440	-86.929682	56306.88	56247.1	2.86	56309.74	56309.73828	56396.56700	56396.56641	505159.8	5409498.6
T9500.0	505158.5	5409498.6	75707.10156	356.16	0	48.838440	-86.929701	56306.49	56247.1	2.86	56309.35	56309.35156	56388.20754	56388.20703	505158.5	5409498.6
T9500.0	505157.1	5409498.6	75707.20313	354.95	0	48.838441	-86.929720	56306.29	56247.1	2.86	56309.15	56309.14844	56384.43285	56384.43359	505157.1	5409498.6
T9500.0	505155.8	5409498.7	75707.29688	357.31	0	48.838441	-86.929737	56306.08	56247.1	2.86	56308.95	56308.94922	56380.73044	56380.73047	505155.8	5409498.7
T9500.0	505155.8	5409498.7	75707.39844	347.63	0	48.838441	-86.929737	56306.20	56247.1	2.86	56309.06	56309.05859	56384.45530	56384.45703	505155.8	5409498.7
T9500.0	505155.0	5409498.7	75707.50000	349.63	0	48.838441	-86.929748	56306.36	56247.1	2.86	56309.23	56309.23047	56389.67089	56389.67188	505155.0	5409498.7
T9500.0	505154.1	5409498.7	75707.60156	359.56	0	48.838441	-86.929760	56306.64	56247.1	2.87	56309.51	56309.51172	56397.56119	56397.56250	505154.1	5409498.7
T9500.0	505154.1	5409498.7	75707.70313	359.84	0	48.838441	-86.929760	56306.29	56247.1	2.87	56309.15	56309.14844	56390.32233	56390.32422	505154.1	5409498.7
T9500.0	505152.8	5409498.7	75707.79688	359.33	0	48.838441	-86.929778	56306.14	56247.1	2.87	56309.01	56309.01172	56388.36354	56388.36328	505152.8	5409498.7
T9500.0	505151.7	5409498.7	75707.89844	359.60	0	48.838441	-86.929794	56305.75	56247.1	2.87	56308.62	56308.62109	56380.52677	56380.52734	505151.7	5409498.7
T9500.0	505150.8	5409498.7	75708.00000	359.76	0	48.838441	-86.929805	56305.78	56247.1	2.87	56308.65	56308.64844	56382.71174	56382.71094	505150.8	5409498.7
T9500.0	505150.8	5409498.7	75708.10156	359.92	0	48.838441	-86.929805	56305.45	56247.1	2.87	56308.31	56308.30859	56376.16532	56376.16406	505150.8	5409498.7
T9500.0	505149.8	5409498.7	75708.20313	358.23	0	48.838442	-86.929818	56305.27	56247.1	2.87	56308.13	56308.12891	56373.46443	56373.46484	505149.8	5409498.7
T9500.0	505148.8	5409498.7	75708.29688	356.84	0	48.838442	-86.929832	56305.55	56247.1	2.87	56308.41	56308.41016	56381.72701	56381.72656	505148.8	5409498.7
T9500.0	505147.8	5409498.7	75708.39844	358.07	0	48.838442	-86.929846	56305.09	56247.1	2.87	56307.96	56307.96094	56372.70616	56372.70703	505147.8	5409498.7
T9500.0	505147.8	5409498.7	75708.50000	357.92	0	48.838442	-86.929846	56305.29	56247.1	2.87	56308.15	56308.14844	56378.91620	56378.91797	505147.8	5409498.7
T9500.0	505146.6	5409498.8	75708.60156	358.75	0	48.838442	-86.929862	56304.89	56247.1	2.86	56307.75	56307.75000	56371.16094	56371.16016	505146.6	5409498.8
T9500.0	505145.5	5409498.8	75708.70313	355.42	0	48.838442	-86.929877	56304.96	56247.1	2.86	56307.82	56307.82031	56374.59701	56374.59766	505145.5	5409498.8
T9500.0	505145.5	5409498.8	75708.79688	356.01	0	48.838442	-86.929877	56304.86	56247.1	2.86	56307.72	56307.71875	56374.03189	56374.03125	505145.5	5409498.8
T9500.0	505144.3	5409498.8	75708.89844	348.72	0	48.838442	-86.929894	56305.01	56247.1	2.86	56307.87	56307.87109	56379.43204	56379.43359	505144.3	5409498.8
T9500.0	505144.3	5409498.8	75709.00000	348.44	0	48.838442	-86.929894	56305.02	56247.1	2.86	56307.88	56307.87891	56381.53877	56381.53906	505144.3	5409498.8
T9500.0	505143.0	5409498.8	75709.10156	357.49	0	48.838442	-86.929912	56305.02	56247.1	2.86	56307.88	56307.87891	56383.43557	56383.43750	505143.0	5409498.8
T9500.0	505142.3	5409498.8	75709.20313	350.69	0	48.838442	-86.929921	56304.32	56247.1	2.86	56307.18	56307.17969	56368.74344	56368.74219	505142.3	5409498.8
T9500.0	505141.6	5409498.8	75709.29688	349.58	0	48.838442	-86.929930	56303.84	56247.1	2.87	56306.71	56306.71094	56359.53387	56359.53516	505141.6	5409498.8
T9500.0	505141.6	5409498.8	75709.39844	350.11	0	48.838442	-86.929930	56304.33	56247.1	2.87	56307.20	56307.19922	56373.13146	56373.13281	505141.6	5409498.8
T9500.0	505140.5	5409498.8	75709.50000	351.17	0	48.838442	-86.929945	56304.22	56247.1	2.87	56307.09	56307.08984	56372.50812	56372.50781	505140.5	5409498.8
T9500.0	505139.5	5409498.8	75709.60156	352.82	0	48.838443	-86.929959	56304.31	56247.1	2.87	56307.18	56307.17969	56376.65003	56376.64844	505139.5	5409498.8
T9500.0	505139.5	5409498.8	75709.60156	352.82	0	48.838443	-86.929959	56304.27	56247.1	2.87	56307.14	56307.14063	56377.72309	56377.72266	505139.5	5409498.8
T9500.0	505138.9	5409498.8	75709.79688	350.59	0	48.838443	-86.929968	56304.15	56247.1	2.88	56307.02	56307.01953	56376.91253	56376.91406	505138.9	5409498.8
T9500.0	505138.0	5409498.9	75709.89844	349.00	0	48.838443	-86.929980	56303.79	56247.1	2.88	56306.66	56306.66016	56370.41933	56370.41797	505138.0	5409498.9
T9500.0	505138.0	5409498.9	75710.00000	347.00	0	48.838443	-86.929980	56303.61	56247.1	2.88	56306.49	56306.48828	56368.44810	56368.44922	505138.0	5409498.9
T9500.0	505137.1	5409498.9	75710.10156	346.95	0	48.838443	-86.929991	56303.20	56247.1	2.88	56306.08	56306.07813	56360.79158	56360.79297	505137.1	5409498.9
T9500.0	505136.3	5409498.9	75710.20313	348.23	0	48.838443	-86.930003	56302.79	56247.1	2.88	56305.67	56305.67188	56353.14495	56353.14453	505136.3	5409498.9
T9500.0	505136.3	5409498.9	75710.29688	346.41	0	48.838443	-86.930003	56302.46	56247.1	2.88	56305.34	56305.33984	56347.40588	56347.40625	505136.3	5409498.9
T9500.0	505135.5	5409498.9	75710.39844	347.06	0	48.838443	-86.930014	56302.28	56247.1	2.88	56305.16	56305.16016	56345.23478	56345.23438	505135.5	5409498.9
T9500.0	505134.8	5409498.9	75710.50000	344.13	0	48.838443	-86.930024	56302.36	56247.1	2.88	56305.23	56305.23047	56349.00420	56349.00391	505134.8	5409498.9
T9500.0	505134.1	5409498.8	75710.60156	342.15	0	48.838443	-86.930033	56302.48	56247.1	2.87	56305.36	56305.35938	56354.20368	56354.20313	505134.1	5409498.8
T9500.0	505134.1	5409498.8	75710.70313	340.41	0	48.838443	-86.930033	56302.11	56247.1	2.87	56304.98	56304.98047	56347.30361	56347.30469	505134.1	5409498.8
T9500.0	505133.2	5409498.8	75710.79688	343.12	0	48.838443	-86.930045	56302.23	56247.1	2.87	56305.11	56305.10938	56352.51284	56352.51172	505133.2	5409498.8
T9500.0	505132.7	5409498.8	75710.89844	345.32	0	48.838442	-86.930052	56302.41	56247.1	2.87	56305.28	56305.28125	56358.67543	56358.67578	505132.7	5409498.8
T9500.0	505132.1	5409498.8	75711.00000	345.59	0	48.838442	-86.930060	56302.00	56247.1	2.87	56304.87	56304.87109	56351.07530	56351.07422	505132.1	5409498.8
T9500.0	505131.7	5409498.8	75711.10156	348.46	0	48.838442	-86.930066	56302.03	56247.1	2.87	56304.90	56304.89844	56353.92158	56353.92188	505131.7	5409498.8
T9500.0	505131.7	5409498.8	75711.20313	348.16	0	48.838442	-86.930066	56301.59	56247.1	2.87	56304.45	56304.44922	56345.37792	56345.37891	505131.7	5409498.8

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
T9500.0	505130.9	5409498.7	75711.29688	357.46	0	48.838442	-86.930076	56301.34	56247.1	2.86	56304.21	56304.21094	56341.82115	56341.82031	505130.9	5409498.7
T9500.0	505130.2	5409498.7	75711.39844	357.08	0	48.838442	-86.930086	56301.13	56247.1	2.86	56304.00	56304.00000	56338.97888	56338.98047	505130.2	5409498.7
T9500.0	505130.2	5409498.7	75711.50000	357.03	0	48.838442	-86.930086	56300.63	56247.1	2.86	56303.49	56303.48828	56329.01859	56329.01953	505130.2	5409498.7
T9500.0	505129.6	5409498.7	75711.60156	356.47	0	48.838441	-86.930094	56300.44	56247.1	2.86	56303.30	56303.30078	56326.65593	56326.65625	505129.6	5409498.7
T9500.0	505129.0	5409498.7	75711.70313	356.73	0	48.838441	-86.930103	56300.45	56247.1	2.86	56303.31	56303.30859	56329.04290	56329.04297	505129.0	5409498.7
T9500.0	505128.3	5409498.6	75711.79688	356.76	0	48.838441	-86.930112	56300.57	56247.1	2.85	56303.42	56303.42188	56333.80626	56333.80469	505128.3	5409498.6
T9500.0	505128.3	5409498.6	75711.89844	356.68	0	48.838441	-86.930112	56300.24	56247.1	2.85	56303.09	56303.08984	56328.12953	56328.12891	505128.3	5409498.6
T9500.0	505127.6	5409498.6	75712.00000	356.34	0	48.838441	-86.930122	56300.42	56247.2	2.85	56303.27	56303.26953	56334.56126	56334.56250	505127.6	5409498.6
T9500.0	505127.6	5409498.6	75712.10156	356.64	0	48.838441	-86.930122	56300.32	56247.1	2.85	56303.17	56303.17188	56334.35143	56334.35156	505127.6	5409498.6
T9500.0	505127.0	5409498.6	75712.20313	356.20	0	48.838441	-86.930130	56300.01	56247.1	2.85	56302.86	56302.85938	56329.16212	56329.16406	505127.0	5409498.6
T9500.0	505126.5	5409498.6	75712.29688	357.22	0	48.838441	-86.930136	56299.58	56247.1	2.85	56302.43	56302.42969	56321.13015	56321.12891	505126.5	5409498.6
T9500.0	505126.0	5409498.7	75712.39844	358.05	0	48.838441	-86.930143	56299.29	56247.1	2.85	56302.14	56302.14063	56316.42737	56316.42578	505126.0	5409498.7
T9500.0	505126.0	5409498.7	75712.50000	359.03	0	48.838441	-86.930143	56299.04	56247.1	2.85	56301.90	56301.89844	56312.91854	56312.91797	505126.0	5409498.7
T9500.0	505125.5	5409498.7	75712.60156	359.22	0	48.838441	-86.930150	56298.71	56247.1	2.86	56301.57	56301.57031	56307.28174	56307.28125	505125.5	5409498.7
T9500.0	505125.1	5409498.7	75712.70313	358.66	0	48.838441	-86.930156	56298.73	56247.1	2.86	56301.59	56301.58984	56309.96136	56309.96094	505125.1	5409498.7
T9500.0	505125.1	5409498.7	75712.79688	358.07	0	48.838441	-86.930156	56298.61	56247.1	2.86	56301.47	56301.46875	56309.32847	56309.32813	505125.1	5409498.7
T9500.0	505124.6	5409498.7	75712.89844	358.42	0	48.838441	-86.930162	56298.45	56247.1	2.86	56301.31	56301.30859	56307.75777	56307.75781	505124.6	5409498.7
T9500.0	505124.2	5409498.7	75713.00000	359.62	0	48.838442	-86.930168	56298.32	56247.1	2.86	56301.18	56301.17969	56306.91200	56306.91016	505124.2	5409498.7
T9500.0	505123.8	5409498.7	75713.10156	359.65	0	48.838442	-86.930173	56298.33	56247.1	2.86	56301.19	56301.19141	56309.40338	56309.40234	505123.8	5409498.7
T9500.0	505123.4	5409498.7	75713.20313	361.41	0	48.838442	-86.930179	56298.20	56247.1	2.86	56301.06	56301.05859	56308.58763	56308.58594	505123.4	5409498.7
T9500.0	505123.4	5409498.7	75713.29688	361.56	0	48.838442	-86.930179	56298.04	56247.1	2.86	56300.90	56300.89844	56307.07712	56307.07813	505123.4	5409498.7
T9500.0	505123.1	5409498.7	75713.39844	360.16	0	48.838441	-86.930183	56297.90	56247.1	2.86	56300.75	56300.75000	56305.82286	56305.82422	505123.1	5409498.7
T9500.0	505122.8	5409498.7	75713.50000	357.92	0	48.838441	-86.930187	56297.66	56247.1	2.85	56300.52	56300.51953	56302.69041	56302.69141	505122.8	5409498.7
T9500.0	505122.8	5409498.7	75713.60156	356.94	0	48.838441	-86.930187	56297.64	56247.1	2.85	56300.50	56300.50000	56304.56464	56304.56641	505122.8	5409498.7
T9500.0	505122.5	5409498.7	75713.70313	356.95	0	48.838441	-86.930191	56297.51	56247.1	2.85	56300.36	56300.35938	56303.61489	56303.61328	505122.5	5409498.7
T9500.0	505122.5	5409498.7	75713.79688	358.82	0	48.838441	-86.930191	56297.31	56247.1	2.85	56300.16	56300.16016	56301.26716	56301.26563	505122.5	5409498.7
T9500.0	505122.2	5409498.7	75713.89844	360.42	0	48.838441	-86.930194	56297.16	56247.1	2.85	56300.01	56300.01172	56300.13425	56300.13281	505122.2	5409498.7
T9500.0	505122.0	5409498.6	75714.00000	361.18	0	48.838441	-86.930198	56297.18	56247.2	2.85	56300.03	56300.03125	56303.06637	56303.06641	505122.0	5409498.6
T9500.0	505121.8	5409498.6	75714.10156	361.09	0	48.838441	-86.930200	56297.23	56247.2	2.85	56300.08	56300.07813	56306.74276	56306.74219	505121.8	5409498.6
T9500.0	505121.8	5409498.6	75714.20313	361.15	0	48.838441	-86.930200	56297.36	56247.2	2.85	56300.21	56300.21094	56312.35232	56312.35156	505121.8	5409498.6
T9500.0	505121.6	5409498.6	75714.29688	358.82	0	48.838441	-86.930203	56297.56	56247.2	2.85	56300.41	56300.41016	56319.65991	56319.66016	505121.6	5409498.6
T9500.0	505121.4	5409498.6	75714.39844	358.94	0	48.838440	-86.930205	56297.76	56247.2	2.85	56300.61	56300.60938	56327.00637	56327.00781	505121.4	5409498.6
T9500.0	505121.3	5409498.6	75714.50000	357.96	0	48.838440	-86.930207	56297.79	56247.2	2.85	56300.64	56300.64063	56330.35911	56330.35938	505121.3	5409498.6
T9500.0	505121.3	5409498.6	75714.60156	357.90	0	48.838440	-86.930207	56297.77	56247.2	2.85	56300.62	56300.62109	56332.56869	56332.57031	505121.3	5409498.6
T9500.0	505121.2	5409498.6	75714.70313	358.09	0	48.838440	-86.930209	56297.86	56247.2	2.85	56300.71	56300.71094	56337.43511	56337.43359	505121.2	5409498.6
T9500.0	505121.1	5409498.6	75714.79688	357.37	0	48.838440	-86.930210	56297.99	56247.2	2.85	56300.84	56300.83984	56343.29941	56343.30078	505121.1	5409498.6
T9500.0	505121.0	5409498.6	75714.89844	354.70	0	48.838440	-86.930212	56298.14	56247.2	2.85	56300.99	56300.98828	56349.68941	56349.68750	505121.0	5409498.6
T9500.0	505120.9	5409498.6	75715.00000	354.39	0	48.838440	-86.930213	56298.66	56247.2	2.85	56301.51	56301.51172	56364.91485	56364.91406	505120.9	5409498.6
T9500.0	505120.9	5409498.6	75715.10156	355.24	0	48.838440	-86.930213	56298.68	56247.1	2.85	56301.53	56301.53125	56368.32902	56368.32813	505120.9	5409498.6
T9500.0	505120.7	5409498.6	75715.20313	359.78	0	48.838440	-86.930216	56298.82	56247.1	2.85	56301.67	56301.67188	56374.65016	56374.64844	505120.7	5409498.6
T9500.0	505120.7	5409498.6	75715.29688	360.46	0	48.838440	-86.930216	56298.27	56247.1	2.85	56301.13	56301.12891	56364.89307	56364.89453	505120.7	5409498.6
T9500.0	505120.5	5409498.6	75715.39844	352.89	0	48.838440	-86.930218	56298.00	56247.1	2.85	56300.85	56300.85156	56361.37118	56361.37109	505120.5	5409498.6
T9500.0	505120.3	5409498.6	75715.50000	350.96	0	48.838441	-86.930221	56298.02	56247.1	2.85	56300.87	56300.87109	56365.03660	56365.03516	505120.3	5409498.6
T9500.0	505120.2	5409498.6	75715.60156	351.54	0	48.838441	-86.930223	56298.22	56247.1	2.86	56301.08	56301.07813	56373.28124	56373.28125	505120.2	5409498.6
T9500.0	505119.9	5409498.6	75715.70313	353.21	0	48.838441	-86.930226	56298.22	56247.1	2.86	56301.08	56301.07813	56376.61395	56376.61328	505119.9	5409498.6
T9500.0	505119.9	5409498.6	75715.79688	364.37	0	48.838441	-86.930226	56298.43	56247.1	2.86	56301.29	56301.28906	56385.00613	56385.00781	505119.9	5409498.6
T9500.0	505119.7	5409498.6	75715.89844	361.20	0	48.838441	-86.930230	56298.04	56247.1	2.86	56300.90	56300.89844	56379.23537	56379.23438	505119.7	5409498.6
T9500.0	505119.7	5409498.6	75716.00000	359.94	0	48.838441	-86.930230	56298.02	56247.1	2.86	56300.88	56300.87891	56382.32727	56382.32813	505119.7	5409498.6
T9500.0	505119.4	5409498.6	75716.10156	348.52	0	48.838441	-86.930233	56297.64	56247.1	2.86	56300.50	56300.50000	56376.95822	56376.95703	505119.4	5409498.6
T9500.0	505119.1	5409498.6	75716.20313	345.96	0	48.838441	-86.930237	56297.20	56247.1	2.86	56300.06	56300.05859	56370.25150	56370.25000	505119.1	5409498.6
T9500.0	505118.9	5409498.6	75716.29688	343.20	0	48.838441	-86.930240	56297.04	56247.1	2.86	56299.90	56299.89844	56370.27979	56370.28125	505118.9	5409498.6
T9500.0	505118.6	5409498.6	75716.39844	344.32	0	48.838441	-86.930245	56297.16	56247.1	2.86	56300.02	56300.01953	56377.04591	56377.04688	505118.6	5409498.6
T9500.0	505118.6	5409498.6	75716.50000	356.25	0	48.838441	-86.930245	56297.36	56247.1	2.85	56300.21	56300.21094	56385.56839	56385.57031	505118.6	5409498.6
T9500.0	505118.2	5409498.6	75716.60156	347.19	0	48.838441	-86.930250	56297.35	56247.1	2.85	56300.20	56300.19922	56389.44164	56389.44141	505118.2	5409498.6
T9500.0	505118.2	5409498.6	75716.70313	348.69	0	48.838441	-86.930250	56297.26	56247.1	2.85	56300.12	56300.12109	56391.75401	56391.75391	505118.2	5409498.6
T9500.0	505117.5	5409498.6	75716.79688	347.79	0	48.838441	-86.930259	56296.79	56247.1	2.85	56299.64	56299.64063	56384.67580	56384.67578	505117.5	5409498.6
T9500.0	505117.5	5409498.6	75716.89844	348.34	0	48.838441	-86.930259	56297.02	56247.1	2.85	56299.87	56299.87109	56394.55547	56394.55469	505117.5	5409498.6
T9500.0	505117.2	5409498.7	75717.00000	356.41	0	48.838441	-86.930263	56297.05	56247.2	2.85	56299.90	56299.89844	56399.79710	56399.79688	505117.2	5409498.7
T9500.0	505117.2	5409498.7	75717.10156	347.37	0	48.838441	-86.930263	56297.16	56247.1	2.85	56300.01	56300.01172	56407.04920	56407.05078	505117.2	5409498.7
T9500.0	505116.6	5409498.7	75717.20313	347.52	0	48.838441	-86.930271	56296.95	56247.1	2.85	56299.80	56299.80078	56406.82055	56406.82031	505116.6	5409498.7
T9500.0	505116.2	5409498.7	75717.29688	353.46	0	48.838441	-86.930277	56296.64	56247.1	2.85	56299.50	56299.50000	56404.57288	56404.57422	505116.2	5409498.7
T9500.0	505116.2	5409498.7	75717.39844	347.29	0	48.838441	-86.930277	56296.24	56247.1	2.85	56299.09	56299.08984	56399.83416	56399.83594	505116.2	5409498.7
T9500.0	505115.8	5409498.7	75717.50000	349.64	0	48.838442	-86.930283	56296.31	56247.1	2.86	56299.16	56299.16016	56406.61059	56406.60938	505115.8	5409498.7
T9500.0	505115.4	5409498.7	75717.60156	347.99	0	48.838442	-86.930288	56296.34	56247.1	2.86	56299.20	56299.19922	56412.80001	56412.80078	505115.4	5409498.7
T9500.0	505115.4	5409498.7	75717.70313	346.71	0	48.838442	-86.930288	56296.10	56247.1	2.86	56298.96	56298.96094	56412.47129	56412.47266	505115.4	5409498.7
T9500.0	505114.7	5409498.7	75717.79688	347.04	0	48.838442	-86.930298	56296.01	56247.1	2.86	56298.87	56298.87109	56415.83293	56415.83203	505114.7	5409498.7
T9500.0	505114.2	5409498.8	75717.89844	355.29	0	48.838442	-86.930305	56295.93	56247.1	2.86	56298.79	56298.78906	56419.56455	56419.56641	505114.2	5409498.8
T9500.0	505113.7	5409498.8	75718.00000	353.27	0	48.838442	-86.930311	56295.82	56247.1	2.86	56298.68	56298.67969	56422.71919	56422.71875	505113.7	5409498.8
T9500.0	505113.7	5409498.8	75718.10156	354.93	0	48.838442	-86.930311	56295.16	56247.1	2.86	56298.02	56298.01953	56412.95715	56412.95703	505113.7	5409498.8
T9500.0	505113.2	5409498.8	75718.20313	356.56	0	48.838442	-86.930318	56294.70	56247.1	2.86	56297.56	56297.55859	56408.08189	56408.08203	505113.2	5409498.8
T9500.0	505113.2	5409498.8	75718.29688	357.28	0	48.838442	-86.930318	56294.47	56247.1	2.86	56297.33	56297.32813	56408.80774	56408.80859	505113.2	5409498.8
T9500.0	505112.5	5409498.8	75718.39844	355.71	0	48.838442	-86.930327	56294.37	56247.1	2.86	56297.23	56297.23047	56412.76346	56412.76172	505112.5	5409498.8
T9500.0	505111.9	5409498.8	75718.50000	346.97	0	48.838442	-86.930335	56294.14	56247.1	2.86	56297.00	56297.00000	56413.78017	56413.78125	505111.9	5409498.8
T9500.0	505111.9	5409498.8	75718.60156	347.86	0	48.838442	-86.930335	56294.04	56247.1	2.85	56296.89	56296.89063	56417.79369	56417.79297	505111.9	5409498.8
T9500.0	505111.3	5409498.8	75718.70313	348.38	0	48.838442	-86.930344	56293.84	56247.1	2.85	56296.69	56296.69141	56419.82178	56419.82031	505111.3	5409498.8
T9500.0	505110.6	5409498.8	75718.79688	356.26	0	48.838443	-86.930353	56293.89	56247.1	2.85	56296.74	56296.73828	56427.93625	56427.93750	505110.6	5409498.8
T9500.0	505110.6	5409498.8	75718.89844	346.62	0	48.838443	-86.930353	56293.48	56247.1	2.85	56296.33	56296.32813	56425.28731	56425.28906	505110.6	5409498.8
T9500.0	505109.9	5409498.8	75719.00000	346.26	0	48.838443	-86.930363	56293.29	56247.2	2.85	56296.14	56296.14063	56428.01648	56428.01563	505109.9	5409498.8
T9500.0	505109.5	5409498.8	75719.10156	358.54	0	48.838443	-86.930368	56293.15	56247.2	2.85	56296.00	56296.00000	56432.09065	56432.08984	505109.5	5409498.8
T9500.0	505108.9	5409498.9	75719.20313	360.17	0	48.838443	-86.930376	56292.94	56247.2	2.84	56295.78	56295.78125	56434.42598	56434.42578	505108.9	5409498.9
T9500.0	505108.2	5409498.9	75719.29688	360.32	0	48.838443	-86.930386	56292.36	56247.2	2.84	56295.20	56295.19922	56428.37835	56428.37891	505108.2	5409498.9
T9500.0	505108.2	5409498.9	75719.39844	348.85	0	48.838443	-86.930386	56291.90	56247.2	2.84	56294.74	56294.73828	56425.34205	56425.34375	505108.2	5409498.9
T9500.0	505107.7	5409498.9	75719.50000	348.44	0	48.838443	-86.930393	56291.82	56247.2	2.83	56294.65	56294.64844	56431.25226	56431.25391	505107.7	5409498.9
T9500.0	505107.0	5409498.9	75719.60156	348.70	0	48.838444	-86.930403	56291.36	56247.2	2.83	56294.19	56294.19141	56428.54660	56428.54688	505107.0	5409498.9
T9500.0	505106.5	5409498.9	75719.70313	348.69	0	48.838444	-86.930410	56291.28	56247.2	2.83	56294.11	56294.10938	56435.02752	56435.02734	505106.5	5409498.9
T9500.0	505106.5	5409498.9	75719.79688	348.73	0	48.838444	-86.930410	56290.97	56247.2	2.83	56293.79	56293.78906	56435.98064	56435.98047	505106.5	5409498.9
T9500.0	505105.8	5409498.9	75719.89844	346.75	0	48.838444	-86.930418	56290.88	56247.2	2.82	56293.70	56293.69922	56442.56250	56442.56250	505105.8	5409498.9
T9500.0	505105.8	5409498.9	75720.00000	345.71	0	48.838444	-86.930418	56290.26	56247.2	2.82	56293.08	56293.07813	56436.73567	56436.73438	505105.8	5409498.9
T9500.0	505104.9	5409498.9	75720.10156	347.10	0	48.838444	-86.930431	56289.72	56247.2	2.82	56292.54	56292.53906	56432.97939	56432.98047	505104.9	5409498.9
T9500.0	505103.9	5409498.9	75720.20313	346.50	0	48.838444	-86.930444	56289.65	56247.2	2.82	56292.47	56292.46875	56440.55111	56440.55078	505103.9	5409498.9
T9500.0	505103.0	5409498.9	75720.29688	348.10	0	48.838444	-86.930457	56289.25	56247.2	2.82	56292.07	56292.07031	56440.46377	56440.46484	505103.0	5409498.9
T9500.0	505102.3	5409498.9	75720.39844	349.52	0	48.838443	-86.930466	56288.78	56247.2	2.82	56291.60	56291.60156	56438.88914	56438.89063	505102.3	5409498.9
T9500.0	505102.3	5409498.9	75720.50000	358.51	0	48.838443	-86.930466	56287.73	56247.2	2.82	56290.55	56290.55078	56423.72304	56423.72266	505102.3	5409498.9

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
T9500.0	505101.4	5409498.9	75720.60156	358.10	0	48.838443	-86.930478	56287.13	56247.2	2.82	56289.95	56289.94922	56419.41290	56419.41406	505101.4	5409498.9
T9500.0	505100.6	5409498.8	75720.70313	346.87	0	48.838443	-86.930489	56286.92	56247.2	2.82	56289.74	56289.73828	56424.53503	56424.53516	505100.6	5409498.8
T9500.0	505099.8	5409498.8	75720.79688	348.17	0	48.838443	-86.930500	56286.28	56247.2	2.82	56289.10	56289.10156	56419.62721	56419.62891	505099.8	5409498.8
T9500.0	505099.1	5409498.8	75720.89844	354.36	0	48.838443	-86.930510	56285.70	56247.2	2.82	56288.51	56288.51172	56416.08239	56416.08203	505099.1	5409498.8
T9500.0	505099.1	5409498.8	75721.00000	352.87	0	48.838443	-86.930510	56285.08	56247.2	2.82	56287.90	56287.89844	56412.23928	56412.23828	505099.1	5409498.8
T9500.0	505098.3	5409498.8	75721.10156	355.48	0	48.838442	-86.930521	56284.96	56247.2	2.82	56287.78	56287.78125	56420.20269	56420.20313	505098.3	5409498.8
T9500.0	505097.3	5409498.7	75721.20313	356.52	0	48.838442	-86.930534	56284.52	56247.2	2.82	56287.34	56287.33984	56420.74735	56420.74609	505097.3	5409498.7
T9500.0	505097.3	5409498.7	75721.29688	356.83	0	48.838442	-86.930534	56284.04	56247.2	2.83	56286.86	56286.85938	56420.51887	56420.51953	505097.3	5409498.7
T9500.0	505096.2	5409498.7	75721.39844	346.61	0	48.838442	-86.930550	56283.37	56247.2	2.83	56286.20	56286.19922	56416.19412	56416.19531	505096.2	5409498.7
T9500.0	505095.3	5409498.7	75721.50000	347.55	0	48.838442	-86.930561	56283.02	56247.2	2.83	56285.85	56285.85156	56419.40285	56419.40234	505095.3	5409498.7
T9500.0	505094.4	5409498.7	75721.60156	359.13	0	48.838442	-86.930573	56282.32	56247.2	2.83	56285.15	56285.14844	56414.47961	56414.48047	505094.4	5409498.7
T9500.0	505093.7	5409498.7	75721.70313	357.14	0	48.838441	-86.930584	56281.77	56247.2	2.83	56284.60	56284.60156	56413.29130	56413.29297	505093.7	5409498.7
T9500.0	505093.7	5409498.7	75721.79688	357.78	0	48.838441	-86.930584	56281.10	56247.2	2.84	56283.93	56283.92969	56409.42888	56409.42969	505093.7	5409498.7
T9500.0	505092.9	5409498.6	75721.89844	359.01	0	48.838441	-86.930594	56280.31	56247.2	2.84	56283.15	56283.14844	56403.12897	56403.12891	505092.9	5409498.6
T9500.0	505091.9	5409498.6	75722.00000	361.28	0	48.838441	-86.930608	56279.75	56247.2	2.84	56282.59	56282.58984	56402.22326	56402.22266	505091.9	5409498.6
T9500.0	505091.9	5409498.6	75722.10156	361.47	0	48.838441	-86.930608	56279.46	56247.2	2.84	56282.30	56282.30078	56407.89756	56407.89844	505091.9	5409498.6
T9500.0	505090.7	5409498.6	75722.20313	359.01	0	48.838441	-86.930624	56278.73	56247.2	2.83	56281.56	56281.55859	56403.06178	56403.06250	505090.7	5409498.6
T9500.0	505089.8	5409498.6	75722.29688	358.91	0	48.838441	-86.930636	56278.65	56247.2	2.83	56281.48	56281.48047	56414.06050	56414.05859	505089.8	5409498.6
T9500.0	505089.8	5409498.6	75722.39844	357.95	0	48.838441	-86.930636	56278.30	56247.2	2.83	56281.12	56281.12109	56418.58177	56418.58203	505089.8	5409498.6
T9500.0	505088.8	5409498.6	75722.50000	358.03	0	48.838440	-86.930650	56277.78	56247.2	2.82	56280.60	56280.60156	56419.47248	56419.47266	505088.8	5409498.6
T9500.0	505087.8	5409498.5	75722.60156	356.25	0	48.838440	-86.930664	56276.82	56247.2	2.82	56279.64	56279.64063	56410.08550	56410.08594	505087.8	5409498.5
T9500.0	505086.8	5409498.5	75722.70313	357.59	0	48.838440	-86.930677	56275.84	56247.2	2.82	56278.66	56278.66016	56400.38798	56400.38672	505086.8	5409498.5
T9500.0	505086.8	5409498.5	75722.79688	358.54	0	48.838440	-86.930677	56275.13	56247.2	2.82	56277.95	56277.94922	56397.26148	56397.26172	505086.8	5409498.5
T9500.0	505085.7	5409498.5	75722.89844	357.48	0	48.838440	-86.930692	56274.23	56247.2	2.81	56277.05	56277.05078	56389.78633	56389.78516	505085.7	5409498.5
T9500.0	505084.8	5409498.4	75723.00000	357.34	0	48.838440	-86.930705	56273.40	56247.2	2.81	56276.21	56276.21094	56383.89449	56383.89453	505084.8	5409498.4
T9500.0	505084.8	5409498.4	75723.10156	357.93	0	48.838440	-86.930705	56272.88	56247.2	2.81	56275.69	56275.69141	56385.75520	56385.75391	505084.8	5409498.4
T9500.0	505083.8	5409498.4	75723.20313	359.51	0	48.838439	-86.930718	56272.25	56247.2	2.81	56275.06	56275.05859	56385.16059	56385.16016	505083.8	5409498.4
T9500.0	505082.7	5409498.4	75723.29688	350.78	0	48.838439	-86.930733	56271.81	56247.2	2.82	56274.63	56274.62891	56389.46647	56389.46484	505082.7	5409498.4
T9500.0	505081.4	5409498.4	75723.39844	348.35	0	48.838439	-86.930752	56271.02	56247.2	2.82	56273.84	56273.83984	56385.37925	56385.37891	505081.4	5409498.4
T9500.0	505081.4	5409498.4	75723.50000	355.05	0	48.838439	-86.930752	56270.22	56247.2	2.82	56273.04	56273.03906	56381.20400	56381.20313	505081.4	5409498.4
T9500.0	505080.4	5409498.4	75723.60156	355.40	0	48.838439	-86.930765	56269.72	56247.2	2.82	56272.54	56272.53906	56384.29627	56384.29688	505080.4	5409498.4
T9500.0	505080.4	5409498.4	75723.70313	346.13	0	48.838439	-86.930765	56268.82	56247.2	2.82	56271.65	56271.64844	56378.27674	56378.27734	505080.4	5409498.4
T9500.0	505079.4	5409498.4	75723.79688	346.71	0	48.838439	-86.930778	56267.92	56247.2	2.83	56270.75	56270.75000	56372.16226	56372.16406	505079.4	5409498.4
T9500.0	505078.4	5409498.4	75723.89844	347.22	0	48.838439	-86.930792	56267.25	56247.2	2.83	56270.07	56270.07031	56371.40941	56371.41016	505078.4	5409498.4
T9500.0	505077.3	5409498.4	75724.00000	350.21	0	48.838439	-86.930807	56266.66	56247.2	2.83	56269.49	56269.48828	56373.16748	56373.16797	505077.3	5409498.4
T9500.0	505077.3	5409498.4	75724.10156	359.16	0	48.838439	-86.930807	56265.91	56247.2	2.83	56268.74	56268.73828	56371.02548	56371.02734	505077.3	5409498.4
T9500.0	505076.2	5409498.3	75724.20313	360.74	0	48.838439	-86.930822	56265.41	56247.2	2.83	56268.24	56268.23828	56374.94939	56374.94922	505076.2	5409498.3
T9500.0	505075.0	5409498.3	75724.29688	358.02	0	48.838439	-86.930839	56264.70	56247.2	2.83	56267.53	56267.53125	56374.01846	56374.01953	505075.0	5409498.3
T9500.0	505073.9	5409498.3	75724.39844	357.13	0	48.838438	-86.930853	56263.48	56247.2	2.83	56266.31	56266.30859	56361.10946	56361.10938	505073.9	5409498.3
T9500.0	505073.9	5409498.3	75724.50000	359.13	0	48.838438	-86.930853	56262.08	56247.2	2.83	56264.91	56264.91016	56344.05206	56344.05078	505073.9	5409498.3
T9500.0	505072.8	5409498.3	75724.60156	357.64	0	48.838438	-86.930868	56261.56	56247.2	2.83	56264.39	56264.39063	56348.00226	56348.00391	505072.8	5409498.3
T9500.0	505071.6	5409498.3	75724.70313	347.67	0	48.838438	-86.930885	56260.63	56247.2	2.83	56263.46	56263.46094	56342.33919	56342.33984	505071.6	5409498.3
T9500.0	505070.5	5409498.2	75724.79688	346.86	0	48.838438	-86.930900	56259.48	56247.2	2.83	56262.31	56262.30859	56331.56945	56331.57031	505070.5	5409498.2
T9500.0	505070.5	5409498.2	75724.89844	358.34	0	48.838438	-86.930900	56258.79	56247.2	2.83	56261.62	56261.62109	56331.82967	56331.82813	505070.5	5409498.2
T9500.0	505069.2	5409498.2	75725.00000	359.48	0	48.838437	-86.930917	56258.06	56247.2	2.83	56260.89	56260.89063	56331.24932	56331.25000	505069.2	5409498.2
T9500.0	505067.7	5409498.2	75725.10156	348.73	0	48.838437	-86.930938	56257.21	56247.2	2.83	56260.04	56260.03906	56327.92647	56327.92578	505067.7	5409498.2
T9500.0	505067.7	5409498.2	75725.20313	347.57	0	48.838437	-86.930938	56256.16	56247.2	2.83	56258.99	56258.98828	56319.95912	56319.96094	505067.7	5409498.2
T9500.0	505066.6	5409498.1	75725.29688	346.80	0	48.838437	-86.930952	56255.71	56247.2	2.82	56258.54	56258.53906	56326.33191	56326.33203	505066.6	5409498.1
T9500.0	505065.4	5409498.1	75725.39844	343.93	0	48.838437	-86.930969	56255.20	56247.2	2.82	56258.02	56258.01953	56331.13921	56331.14063	505065.4	5409498.1
T9500.0	505065.4	5409498.1	75725.50000	344.04	0	48.838437	-86.930969	56253.85	56247.2	2.82	56256.67	56256.67188	56316.33924	56316.33984	505065.4	5409498.1
T9500.0	505064.0	5409498.0	75725.60156	355.58	0	48.838436	-86.930988	56252.54	56247.2	2.82	56255.36	56255.35938	56302.57795	56302.57813	505064.0	5409498.0
T9500.0	505062.8	5409498.0	75725.70313	355.96	0	48.838436	-86.931005	56251.68	56247.2	2.82	56254.49	56254.48828	56299.34589	56299.34766	505062.8	5409498.0
T9500.0	505061.5	5409498.0	75725.79688	359.07	0	48.838435	-86.931022	56250.78	56247.2	2.81	56253.60	56253.60156	56295.72163	56295.72266	505061.5	5409498.0
T9500.0	505061.5	5409498.0	75725.89844	349.22	0	48.838435	-86.931022	56250.18	56247.2	2.81	56252.99	56252.98828	56298.82218	56298.82031	505061.5	5409498.0
T9500.0	505060.4	5409497.9	75726.00000	348.26	0	48.838435	-86.931037	56249.07	56247.2	2.81	56251.88	56251.87891	56290.13092	56290.13281	505060.4	5409497.9
T9500.0	505059.2	5409497.9	75726.10156	348.57	0	48.838435	-86.931053	56248.74	56247.2	2.81	56251.55	56251.55078	56300.02494	56300.02344	505059.2	5409497.9
T9500.0	505057.9	5409497.9	75726.20313	348.14	0	48.838435	-86.931072	56248.16	56247.2	2.81	56250.96	56250.96094	56303.81652	56303.81641	505057.9	5409497.9
T9500.0	505057.9	5409497.9	75726.29688	348.32	0	48.838435	-86.931072	56247.61	56247.2	2.81	56250.42	56250.42188	56308.85995	56308.85938	505057.9	5409497.9
T9500.0	505056.4	5409497.8	75726.39844	348.06	0	48.838434	-86.931092	56246.32	56247.2	2.81	56249.12	56249.12109	56295.92648	56295.92578	505056.4	5409497.8
T9500.0	505055.2	5409497.8	75726.50000	348.46	0	48.838434	-86.931108	56245.02	56247.2	2.81	56247.82	56247.82031	56283.05103	56283.05078	505055.2	5409497.8
T9500.0	505055.2	5409497.8	75726.60156	347.77	0	48.838434	-86.931108	56244.02	56247.2	2.80	56246.83	56246.82813	56277.58787	56277.58594	505055.2	5409497.8
T9500.0	505053.7	5409497.7	75726.70313	347.94	0	48.838433	-86.931129	56243.15	56247.2	2.80	56245.96	56245.96094	56275.02382	56275.02344	505053.7	5409497.7
T9500.0	505052.8	5409497.7	75726.79688	348.90	0	48.838433	-86.931141	56242.07	56247.2	2.80	56244.88	56244.87891	56267.52283	56267.52344	505052.8	5409497.7
T9500.0	505051.6	5409497.6	75726.89844	350.30	0	48.838433	-86.931157	56240.86	56247.2	2.80	56243.66	56243.66016	56256.74278	56256.74219	505051.6	5409497.6
T9500.0	505051.6	5409497.6	75727.00000	349.85	0	48.838433	-86.931157	56239.96	56247.2	2.80	56242.76	56242.76172	56253.59813	56253.59766	505051.6	5409497.6
T9500.0	505049.4	5409497.6	75727.10156	350.68	0	48.838432	-86.931187	56239.34	56247.2	2.80	56242.14	56242.14063	56257.13594	56257.13672	505049.4	5409497.6
T9500.0	505049.4	5409497.6	75727.20313	350.04	0	48.838432	-86.931187	56238.34	56247.2	2.81	56241.14	56241.14063	56251.68768	56251.68750	505049.4	5409497.6
T9500.0	505048.0	5409497.5	75727.29688	346.69	0	48.838431	-86.931207	56237.31	56247.2	2.81	56240.12	56240.12109	56245.79436	56245.79297	505048.0	5409497.5
T9500.0	505048.0	5409497.5	75727.39844	349.02	0	48.838431	-86.931207	56236.13	56247.2	2.82	56238.95	56238.94922	56236.36691	56236.36719	505048.0	5409497.5
T9500.0	505046.7	5409497.5	75727.50000	353.26	0	48.838431	-86.931225	56235.35	56247.2	2.82	56238.17	56238.17188	56236.21865	56236.21875	505046.7	5409497.5
T9500.0	505045.4	5409497.5	75727.60156	351.88	0	48.838431	-86.931242	56234.57	56247.2	2.82	56237.40	56237.39844	56236.32684	56236.32813	505045.4	5409497.5
T9500.0	505044.0	5409497.5	75727.70313	352.92	0	48.838431	-86.931261	56233.84	56247.2	2.83	56236.67	56236.67188	56237.40005	56237.39844	505044.0	5409497.5
T9500.0	505044.0	5409497.5	75727.79688	353.24	0	48.838431	-86.931261	56233.27	56247.2	2.83	56236.10	56236.10156	56242.28302	56242.28125	505044.0	5409497.5
T9500.0	505042.5	5409497.5	75727.89844	352.68	0	48.838431	-86.931282	56232.82	56247.2	2.84	56235.66	56235.66016	56250.26027	56250.26172	505042.5	5409497.5
T9500.0	505040.8	5409497.5	75728.00000	354.10	0	48.838431	-86.931304	56232.28	56247.2	2.84	56235.12	56235.12109	56255.86939	56255.87109	505040.8	5409497.5
T9500.0	505040.8	5409497.5	75728.10156	351.51	0	48.838431	-86.931304	56231.21	56247.2	2.84	56234.05	56234.05078	56248.90101	56248.90234	505040.8	5409497.5
T9500.0	505039.6	5409497.5	75728.20313	347.86	0	48.838431	-86.931321	56230.13	56247.2	2.84	56232.97	56232.96875	56241.69392	56241.69531	505039.6	5409497.5
T9500.0	505038.4	5409497.5	75728.29688	346.04	0	48.838431	-86.931338	56229.10	56247.2	2.84	56231.94	56231.94141	56235.66888	56235.66797	505038.4	5409497.5
T9500.0	505038.4	5409497.5	75728.39844	347.99	0	48.838431	-86.931338	56228.32	56247.2	2.84	56231.16	56231.16016	56235.56959	56235.57031	505038.4	5409497.5
T9500.0	505036.9	5409497.5	75728.50000	358.53	0	48.838431	-86.931358	56227.41	56247.2	2.84	56230.25	56230.25000	56232.37356	56232.37500	505036.9	5409497.5
T9500.0	505035.6	5409497.5	75728.60156	357.62	0	48.838431	-86.931375	56226.48	56247.2	2.84	56229.32	56229.32031	56228.68842	56228.68750	505035.6	5409497.5
T9500.0	505035.6	5409497.5	75728.70313	357.80	0	48.838431	-86.931375	56225.52	56247.2	2.84	56228.36	56228.35938	56224.27367	56224.27344	505035.6	5409497.5
T9500.0	505034.2	5409497.5	75728.79688	346.58	0	48.838431	-86.931394	56224.45	56247.2	2.84	56227.29	56227.28906	56217.22738	56217.22656	505034.2	5409497.5
T9500.0	505032.8	5409497.5	75728.89844	345.81	0	48.838432	-86.931414	56223.98	56247.2	2.84	56226.82	56226.82031	56224.39821	56224.39844	505032.8	5409497.5
T9500.0	505031.5	5409497.5	75729.00000	358.42	0	48.838432	-86.931431	56223.47	56247.2	2.84	56226.31	56226.30859	56230.59284	56230.59375	505031.5	5409497.5
T9500.0	505031.5	5409497.5	75729.10156	358.75	0	48.838432	-86.931431	56222.96	56247.2	2.84	56225.80	56225.80078	56236.75766	56236.75781	505031.5	5409497.5
T9500.0	505030.0	5409497.6	75729.20313	345.04	0	48.838432	-86.931451	56221.82	56247.2	2.83	56224.65	56224.64844	56227.69945	56227.69922	505030.0	5409497.6
T9500.0	505028.5	5409497.6	75729.29688	347.20	0	48.838432	-86.931472	56220.23	56247.2	2.83	56223.06	56223.05859	56208.16228	56208.16406	505028.5	5409497.6
T9500.0	505028.5	5409497.6	75729.39844	347.07	0	48.838432	-86.931472	56219.52	56247.2	2.83	56222.35	56222.35156	56209.47329	56209.47266	505028.5	5409497.6
T9500.0	505027.0	5409497.6	75729.50000	358.28	0	48.838433	-86.931493	56219.18	56247.2	2.82	56222.00	56222.00000	56219.28758	56219.28906	505027.0	5409497.6
T9500.0	505025.7	5409497.6	75729.60156	358.67	0	48.838433	-86.931511	56218.40	56247.2	2.82	56221.22	56221.21875	56218.85191	56218.85156	505025.7	5409497.6
T9500.0	505025.7	5409497.6	75729.70313	360.68	0	48.838433	-86.931511	56217.38	56247.2	2.82	56220.19	56220.19141	56212.43587	56212.43750	505025.7	5409497.6
T9500.0	505024.6	5409497.7	75729.79688	361.50	0	48.838433	-86.931526	56216.32	56247.2	2.82	56219.14	56219.14063	56205.49585	56205.49609	505024.6	5409497.7

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
T9500.0	505023.2	5409497.7	75729.89844	361.94	0	48.838433	-86.931544	56216.03	56247.2	2.81	56218.84	56218.83984	56216.30511	56216.30469	505023.2	5409497.7
T9500.0	505022.0	5409497.7	75730.00000	362.36	0	48.838433	-86.931561	56215.33	56247.2	2.81	56218.14	56218.14063	56217.56608	56217.56641	505022.0	5409497.7
T9500.0	505022.0	5409497.7	75730.10156	362.92	0	48.838433	-86.931561	56213.66	56247.2	2.81	56216.47	56216.46875	56195.74747	56195.74609	505022.0	5409497.7
T9500.0	505020.8	5409497.7	75730.20313	361.94	0	48.838434	-86.931576	56212.24	56247.2	2.81	56215.06	56215.05859	56180.04075	56180.03906	505020.8	5409497.7
T9500.0	505019.2	5409497.7	75730.29688	360.75	0	48.838434	-86.931599	56211.61	56247.2	2.82	56214.42	56214.42188	56182.54834	56182.54688	505019.2	5409497.7
T9500.0	505019.2	5409497.7	75730.39844	358.48	0	48.838434	-86.931599	56211.53	56247.2	2.82	56214.35	56214.35156	56198.52104	56198.51953	505019.2	5409497.7
T9500.0	505017.5	5409497.8	75730.50000	357.33	0	48.838434	-86.931622	56210.56	56247.2	2.82	56213.38	56213.37891	56193.06643	56193.06641	505017.5	5409497.8
T9500.0	505016.5	5409497.8	75730.60156	356.98	0	48.838434	-86.931636	56209.74	56247.2	2.82	56212.56	56212.55859	56191.10395	56191.10547	505016.5	5409497.8
T9500.0	505015.1	5409497.8	75730.70313	354.43	0	48.838434	-86.931654	56208.79	56247.2	2.82	56211.61	56211.60938	56185.98579	56185.98438	505015.1	5409497.8
T9500.0	505013.7	5409497.8	75730.79688	355.51	0	48.838434	-86.931674	56208.08	56247.2	2.83	56210.90	56210.89844	56186.49183	56186.49219	505013.7	5409497.8
T9500.0	505013.7	5409497.8	75730.89844	358.16	0	48.838434	-86.931674	56207.22	56247.2	2.83	56210.05	56210.05078	56183.60089	56183.60156	505013.7	5409497.8
T9500.0	505012.3	5409497.8	75731.00000	358.38	0	48.838434	-86.931692	56206.55	56247.2	2.83	56209.38	56209.37891	56184.90625	56184.90625	505012.3	5409497.8
T9500.0	505010.9	5409497.8	75731.10156	358.20	0	48.838435	-86.931711	56205.69	56247.2	2.83	56208.52	56208.51953	56181.62420	56181.62500	505010.9	5409497.8
T9500.0	505009.7	5409497.9	75731.20313	356.57	0	48.838435	-86.931728	56204.44	56247.2	2.83	56207.27	56207.26953	56169.00604	56169.00781	505009.7	5409497.9
T9500.0	505009.7	5409497.9	75731.29688	357.05	0	48.838435	-86.931728	56204.58	56247.2	2.83	56207.41	56207.41016	56189.29810	56189.29688	505009.7	5409497.9
T9500.0	505008.2	5409497.9	75731.39844	357.27	0	48.838435	-86.931748	56203.92	56247.2	2.83	56206.75	56206.75000	56190.51948	56190.51953	505008.2	5409497.9
T9500.0	505008.2	5409497.9	75731.50000	358.06	0	48.838435	-86.931748	56203.30	56247.2	2.83	56206.13	56206.12891	56192.60589	56192.60547	505008.2	5409497.9
T9500.0	505006.6	5409497.9	75731.60156	348.19	0	48.838436	-86.931771	56202.46	56247.2	2.83	56205.29	56205.28906	56189.38480	56189.38672	505006.6	5409497.9
T9500.0	505004.9	5409498.0	75731.70313	345.84	0	48.838436	-86.931793	56202.27	56247.2	2.83	56205.10	56205.10156	56201.50411	56201.50391	505004.9	5409498.0
T9500.0	505003.8	5409498.0	75731.79688	357.96	0	48.838436	-86.931809	56201.46	56247.2	2.83	56204.29	56204.28906	56198.81922	56198.82031	505003.8	5409498.0
T9500.0	505002.2	5409498.0	75731.89844	356.75	0	48.838436	-86.931831	56200.35	56247.2	2.83	56203.18	56203.17969	56188.92401	56188.92578	505002.2	5409498.0
T9500.0	505002.2	5409498.0	75732.00000	356.23	0	48.838436	-86.931831	56199.20	56247.2	2.83	56202.03	56202.03125	56177.98831	56177.98828	505002.2	5409498.0
T9500.0	505000.9	5409498.0	75732.10156	356.23	0	48.838437	-86.931848	56198.32	56247.2	2.83	56201.15	56201.14844	56173.36877	56173.36719	505000.9	5409498.0
T9500.0	504999.2	5409498.1	75732.20313	355.65	0	48.838437	-86.931871	56198.13	56247.2	2.84	56200.97	56200.96875	56185.27029	56185.26953	504999.2	5409498.1
T9500.0	504999.2	5409498.1	75732.29688	354.85	0	48.838437	-86.931871	56197.42	56247.2	2.84	56200.26	56200.26172	56184.49798	56184.49609	504999.2	5409498.1
T9500.0	504997.6	5409498.1	75732.39844	354.29	0	48.838437	-86.931893	56197.06	56247.2	2.84	56199.90	56199.89844	56191.93756	56191.93750	504997.6	5409498.1
T9500.0	504997.6	5409498.1	75732.50000	353.98	0	48.838437	-86.931893	56196.35	56247.2	2.85	56199.20	56199.19922	56191.21107	56191.21094	504997.6	5409498.1
T9500.0	504995.8	5409498.2	75732.60156	354.62	0	48.838438	-86.931918	56195.83	56247.2	2.85	56198.68	56198.67969	56194.65981	56194.66016	504995.8	5409498.2
T9500.0	504994.0	5409498.2	75732.70313	356.08	0	48.838438	-86.931942	56195.06	56247.1	2.85	56197.91	56197.91016	56192.07702	56192.07813	504994.0	5409498.2
T9500.0	504994.0	5409498.2	75732.79688	355.96	0	48.838438	-86.931942	56194.25	56247.1	2.85	56197.11	56197.10938	56188.68365	56188.68359	504994.0	5409498.2
T9500.0	504992.9	5409498.2	75732.89844	356.66	0	48.838438	-86.931957	56193.38	56247.1	2.86	56196.24	56196.23828	56183.52965	56183.53125	504992.9	5409498.2
T9500.0	504991.6	5409498.3	75733.00000	356.81	0	48.838439	-86.931974	56192.27	56247.1	2.86	56195.13	56195.12891	56172.57950	56172.57813	504991.6	5409498.3
T9500.0	504990.6	5409498.3	75733.10156	358.03	0	48.838439	-86.931989	56191.83	56247.1	2.86	56194.68	56194.67969	56177.19401	56177.19531	504990.6	5409498.3
T9500.0	504990.6	5409498.3	75733.20313	347.73	0	48.838439	-86.931989	56191.24	56247.1	2.85	56194.09	56194.08984	56178.38484	56178.38672	504990.6	5409498.3
T9500.0	504988.8	5409498.3	75733.29688	348.51	0	48.838439	-86.932012	56190.57	56247.2	2.85	56193.41	56193.41016	56177.33830	56177.33984	504988.8	5409498.3
T9500.0	504987.3	5409498.3	75733.39844	347.85	0	48.838440	-86.932033	56189.95	56247.2	2.84	56192.79	56192.78906	56177.61425	56177.61328	504987.3	5409498.3
T9500.0	504987.3	5409498.3	75733.50000	346.53	0	48.838440	-86.932033	56189.18	56247.2	2.84	56192.02	56192.01953	56174.22805	56174.22656	504987.3	5409498.3
T9500.0	504986.0	5409498.4	75733.60156	357.24	0	48.838440	-86.932051	56188.56	56247.2	2.84	56191.40	56191.39844	56174.29988	56174.30078	504986.0	5409498.4
T9500.0	504984.2	5409498.4	75733.70313	360.22	0	48.838440	-86.932076	56187.65	56247.2	2.83	56190.48	56190.48047	56167.14887	56167.14844	504984.2	5409498.4
T9500.0	504983.0	5409498.4	75733.79688	362.08	0	48.838440	-86.932092	56186.97	56247.2	2.83	56189.80	56189.80078	56165.59165	56165.58984	504983.0	5409498.4
T9500.0	504981.4	5409498.4	75733.89844	362.76	0	48.838440	-86.932114	56186.26	56247.2	2.82	56189.09	56189.08984	56163.21969	56163.21875	504981.4	5409498.4
T9500.0	504980.0	5409498.5	75734.00000	361.78	0	48.838441	-86.932132	56185.32	56247.2	2.82	56188.14	56188.14063	56155.04863	56155.04688	504980.0	5409498.5
T9500.0	504980.0	5409498.5	75734.10156	360.20	0	48.838441	-86.932132	56184.76	56247.2	2.82	56187.59	56187.58984	56156.26873	56156.26953	504980.0	5409498.5
T9500.0	504978.6	5409498.5	75734.20313	360.86	0	48.838441	-86.932152	56184.52	56247.2	2.83	56187.35	56187.35156	56164.74386	56164.74219	504978.6	5409498.5
T9500.0	504977.2	5409498.5	75734.29688	357.88	0	48.838441	-86.932171	56184.08	56247.2	2.83	56186.91	56186.91016	56168.36935	56168.37109	504977.2	5409498.5
T9500.0	504977.2	5409498.5	75734.39844	349.94	0	48.838441	-86.932171	56183.66	56247.2	2.84	56186.50	56186.50000	56172.60429	56172.60547	504977.2	5409498.5
T9500.0	504976.0	5409498.5	75734.50000	345.78	0	48.838441	-86.932188	56182.95	56247.2	2.84	56185.78	56185.78125	56169.37901	56169.37891	504976.0	5409498.5
T9500.0	504974.4	5409498.5	75734.60156	354.89	0	48.838441	-86.932210	56182.29	56247.2	2.84	56185.13	56185.12891	56167.71291	56167.71484	504974.4	5409498.5
T9500.0	504974.4	5409498.5	75734.70313	353.69	0	48.838441	-86.932210	56181.82	56247.2	2.85	56184.67	56184.67188	56170.45440	56170.45313	504974.4	5409498.5
T9500.0	504973.3	5409498.6	75734.79688	354.95	0	48.838442	-86.932225	56181.02	56247.1	2.85	56183.87	56183.87109	56165.02427	56165.02344	504973.3	5409498.6
T9500.0	504971.6	5409498.6	75734.89844	355.39	0	48.838442	-86.932247	56180.52	56247.1	2.86	56183.38	56183.37891	56166.85047	56166.85156	504971.6	5409498.6
T9500.0	504970.1	5409498.6	75735.00000	355.32	0	48.838442	-86.932268	56179.71	56247.1	2.86	56182.57	56182.57031	56160.98038	56160.98047	504970.1	5409498.6
T9500.0	504970.1	5409498.6	75735.10156	357.20	0	48.838442	-86.932268	56179.29	56247.1	2.86	56182.14	56182.14063	56164.02872	56164.02734	504970.1	5409498.6
T9500.0	504968.5	5409498.7	75735.20313	345.53	0	48.838443	-86.932289	56178.77	56247.1	2.86	56181.62	56181.62109	56164.84053	56164.83984	504968.5	5409498.7
T9500.0	504967.1	5409498.7	75735.29688	344.40	0	48.838443	-86.932309	56178.04	56247.1	2.86	56180.90	56180.89844	56160.80538	56160.80469	504967.1	5409498.7
T9500.0	504965.8	5409498.8	75735.39844	345.13	0	48.838443	-86.932326	56177.36	56247.1	2.86	56180.21	56180.21094	56157.38272	56157.38281	504965.8	5409498.8
T9500.0	504965.8	5409498.8	75735.50000	348.00	0	48.838443	-86.932326	56176.70	56247.1	2.85	56179.55	56179.55078	56154.57302	56154.57422	504965.8	5409498.8
T9500.0	504964.5	5409498.8	75735.60156	346.90	0	48.838444	-86.932344	56176.52	56247.1	2.85	56179.37	56179.37109	56163.05745	56163.05859	504964.5	5409498.8
T9500.0	504962.9	5409498.9	75735.70313	346.09	0	48.838445	-86.932366	56175.95	56247.1	2.85	56178.80	56178.80078	56162.18722	56162.18750	504962.9	5409498.9
T9500.0	504961.8	5409498.9	75735.79688	347.65	0	48.838445	-86.932381	56175.71	56247.1	2.85	56178.56	56178.55859	56169.05192	56169.05078	504961.8	5409498.9
T9500.0	504961.8	5409498.9	75735.89844	348.16	0	48.838445	-86.932381	56174.78	56247.1	2.85	56177.63	56177.62891	56159.44260	56159.44141	504961.8	5409498.9
T9500.0	504960.2	5409499.0	75736.00000	347.02	0	48.838445	-86.932403	56173.99	56247.2	2.85	56176.84	56176.83984	56153.05972	56153.05859	504960.2	5409499.0
T9500.0	504958.8	5409499.0	75736.10156	346.58	0	48.838446	-86.932421	56173.14	56247.2	2.85	56175.99	56175.98828	56145.15691	56145.15625	504958.8	5409499.0
T9500.0	504958.8	5409499.0	75736.20313	349.25	0	48.838446	-86.932421	56172.62	56247.2	2.85	56175.47	56175.46875	56144.99135	56144.99219	504958.8	5409499.0
T9500.0	504957.4	5409499.1	75736.29688	348.47	0	48.838446	-86.932441	56172.36	56247.2	2.85	56175.21	56175.21094	56150.90221	56150.90234	504957.4	5409499.1
T9500.0	504955.3	5409499.1	75736.39844	350.22	0	48.838447	-86.932470	56171.64	56247.2	2.85	56174.49	56174.48828	56145.80103	56145.80078	504955.3	5409499.1
T9500.0	504953.7	5409499.2	75736.50000	350.00	0	48.838447	-86.932491	56171.46	56247.2	2.85	56174.31	56174.30859	56153.42328	56153.42188	504953.7	5409499.2
T9500.0	504953.7	5409499.2	75736.60156	352.88	0	48.838447	-86.932491	56170.68	56247.2	2.85	56173.53	56173.53125	56146.71189	56146.71094	504953.7	5409499.2
T9500.0	504952.1	5409499.2	75736.70313	352.56	0	48.838447	-86.932513	56170.23	56247.2	2.85	56173.08	56173.07813	56147.74091	56147.74219	504952.1	5409499.2
T9500.0	504950.9	5409499.2	75736.79688	352.34	0	48.838448	-86.932529	56169.84	56247.2	2.85	56172.69	56172.69141	56150.10258	56150.10156	504950.9	5409499.2
T9500.0	504949.4	5409499.2	75736.89844	350.78	0	48.838448	-86.932550	56169.68	56247.2	2.85	56172.53	56172.53125	56157.83248	56157.83203	504949.4	5409499.2
T9500.0	504949.4	5409499.2	75737.00000	350.06	0	48.838448	-86.932550	56168.81	56247.2	2.85	56171.66	56171.66016	56148.62052	56148.62109	504949.4	5409499.2
T9500.0	504947.9	5409499.3	75737.10156	349.90	0	48.838448	-86.932570	56168.22	56247.2	2.85	56171.07	56171.07031	56145.96486	56145.96484	504947.9	5409499.3
T9500.0	504946.8	5409499.3	75737.20313	350.18	0	48.838448	-86.932586	56167.41	56247.2	2.85	56170.26	56170.26172	56137.99874	56138.00000	504946.8	5409499.3
T9500.0	504946.8	5409499.3	75737.29688	350.99	0	48.838448	-86.932586	56166.82	56247.2	2.85	56169.67	56169.67188	56135.16615	56135.16797	504946.8	5409499.3
T9500.0	504945.1	5409499.3	75737.39844	351.74	0	48.838448	-86.932609	56166.54	56247.2	2.85	56169.39	56169.39063	56139.60388	56139.60547	504945.1	5409499.3
T9500.0	504942.9	5409499.3	75737.50000	350.71	0	48.838448	-86.932638	56166.20	56247.2	2.85	56169.04	56169.03906	56142.29335	56142.29297	504942.9	5409499.3
T9500.0	504942.9	5409499.3	75737.60156	349.42	0	48.838448	-86.932638	56166.06	56247.2	2.85	56168.90	56168.89844	56149.88095	56149.88281	504942.9	5409499.3
T9500.0	504941.3	5409499.3	75737.70313	347.74	0	48.838449	-86.932660	56165.75	56247.2	2.85	56168.60	56168.60156	56153.58546	56153.58594	504941.3	5409499.3
T9500.0	504940.2	5409499.3	75737.79688	348.48	0	48.838449	-86.932676	56165.36	56247.2	2.85	56168.21	56168.21094	56155.06894	56155.07031	504940.2	5409499.3
T9500.0	504938.9	5409499.4	75737.89844	349.55	0	48.838449	-86.932693	56164.81	56247.2	2.85	56167.66	56167.66016	56152.67058	56152.67188	504938.9	5409499.4
T9500.0	504938.9	5409499.4	75738.00000	348.01	0	48.838449	-86.932693	56164.15	56247.2	2.85	56167.00	56167.00000	56147.57775	56147.57813	504938.9	5409499.4
T9500.0	504937.2	5409499.4	75738.10156	346.47	0	48.838449	-86.932716	56163.40	56247.1	2.85	56166.25	56166.25000	56140.26576	56140.26563	504937.2	5409499.4
T9500.0	504935.8	5409499.4	75738.20313	345.78	0	48.838450	-86.932735	56163.35	56247.1	2.86	56166.20	56166.19922	56149.48571	56149.48438	504935.8	5409499.4
T9500.0	504934.0	5409499.5	75738.29688	345.70	0	48.838450	-86.932760	56163.02	56247.1	2.86	56165.88	56165.87891	56152.21542	56152.21484	504934.0	5409499.5
T9500.0	504934.0	5409499.5	75738.39844	346.45	0	48.838450	-86.932760	56162.89	56247.1	2.86	56165.75	56165.75000	56159.37347	56159.37500	504934.0	5409499.5
T9500.0	504932.4	5409499.5	75738.50000	346.50	0	48.838451	-86.932782	56162.43	56247.1	2.86	56165.30	56165.30078	56158.85567	56158.85547	504932.4	5409499.5
T9500.0	504932.4	5409499.5	75738.60156	347.92	0	48.838451	-86.932782	56161.71	56247.1	2.87	56164.57	56164.57031	56151.61195	56151.61328	504932.4	5409499.5
T9500.0	504930.5	5409499.6	75738.70313	347.78	0	48.838451	-86.932808	56160.96	56247.1	2.87	56163.83	56163.82813	56144.05125	56144.05078	504930.5	5409499.6
T9500.0	504928.8	5409499.6	75738.79688	347.65	0	48.838451	-86.932830	56160.14	56247.1	2.87	56163.01	56163.01172	56134.51264	56134.51172	504928.8	5409499.6
T9500.0	504928.8	5409499.6	75738.89844	346.39	0	48.838451	-86.932830	56160.08	56247.1	2.88	56162.96	56162.96094	56143.17125	56143.17188	504928.8	5409499.6
T9500.0	504927.0	5409499.6	75739.00000	347.07	0	48.838451	-86.932856	56159.61	56247.1	2.88	56162.49	56162.48828	56141.78309	56141.78125	504927.0	5409499.6
T9500.0	504925.5	5409499.7	75739.10156	348.51	0	48.838452	-86.932876	56159.14	56247.1	2.88	56162.02	56162.01953	56140.31725	56140.31641	504925.5	5409499.7

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
T9500.0	504924.2	5409499.7	75739.20313	350.07	0	48.838452	-86.932894	56158.54	56247.1	2.87	56161.41	56161.41016	56135.45132	56135.45313	504924.2	5409499.7
T9500.0	504924.2	5409499.7	75739.29688	351.64	0	48.838452	-86.932894	56158.16	56247.1	2.87	56161.03	56161.03125	56135.96761	56135.96875	504924.2	5409499.7
T9500.0	504922.9	5409499.7	75739.39844	352.26	0	48.838452	-86.932911	56158.01	56247.1	2.87	56160.88	56160.87891	56141.86652	56141.86719	504922.9	5409499.7
T9500.0	504921.4	5409499.7	75739.50000	352.36	0	48.838452	-86.932931	56157.85	56247.1	2.86	56160.71	56160.71094	56147.21475	56147.21484	504921.4	5409499.7
T9500.0	504920.0	5409499.7	75739.60156	349.49	0	48.838453	-86.932950	56157.66	56247.1	2.86	56160.52	56160.51953	56152.01264	56152.01172	504920.0	5409499.7
T9500.0	504920.0	5409499.7	75739.60156	349.49	0	48.838453	-86.932950	56157.07	56247.1	2.86	56159.93	56159.92969	56147.24133	56147.24219	504920.0	5409499.7
T9500.0	504918.5	5409499.7	75739.79688	349.95	0	48.838453	-86.932971	56156.57	56247.1	2.86	56159.43	56159.42969	56144.53121	56144.53125	504918.5	5409499.7
T9500.0	504918.5	5409499.7	75739.79688	348.24	0	48.838453	-86.932971	56156.23	56247.1	2.86	56159.09	56159.08984	56145.54403	56145.54297	504918.5	5409499.7
T9500.0	504917.1	5409499.8	75740.00000	349.89	0	48.838453	-86.932989	56156.00	56247.2	2.85	56158.85	56158.85156	56148.85598	56148.85547	504917.1	5409499.8
T9500.0	504915.7	5409499.8	75740.10156	361.62	0	48.838453	-86.933009	56155.51	56247.1	2.85	56158.36	56158.35938	56146.16015	56146.16016	504915.7	5409499.8
T9500.0	504914.3	5409499.8	75740.20313	362.62	0	48.838453	-86.933029	56155.38	56247.1	2.85	56158.23	56158.23047	56151.93503	56151.93359	504914.3	5409499.8
T9500.0	504914.3	5409499.8	75740.29688	360.92	0	48.838453	-86.933029	56154.59	56247.1	2.85	56157.45	56157.44922	56142.20866	56142.20703	504914.3	5409499.8
T9500.0	504912.9	5409499.8	75740.39844	358.37	0	48.838453	-86.933048	56154.14	56247.1	2.85	56157.00	56157.00000	56140.24139	56140.24219	504912.9	5409499.8
T9500.0	504912.0	5409499.8	75740.50000	357.16	0	48.838453	-86.933060	56154.01	56247.1	2.86	56156.86	56156.85938	56145.55871	56145.55859	504912.0	5409499.8
T9500.0	504910.6	5409499.8	75740.60156	357.57	0	48.838453	-86.933079	56153.66	56247.1	2.86	56156.51	56156.51172	56145.81867	56145.82031	504910.6	5409499.8
T9500.0	504910.6	5409499.8	75740.70313	357.77	0	48.838453	-86.933079	56153.15	56247.1	2.86	56156.01	56156.01172	56142.44550	56142.44531	504910.6	5409499.8
T9500.0	504909.0	5409499.8	75740.79688	357.33	0	48.838454	-86.933100	56152.60	56247.1	2.86	56155.46	56155.46094	56137.81281	56137.81250	504909.0	5409499.8
T9500.0	504907.5	5409499.9	75740.89844	356.69	0	48.838454	-86.933121	56152.42	56247.1	2.86	56155.28	56155.28125	56141.88935	56141.89063	504907.5	5409499.9
T9500.0	504906.3	5409499.9	75741.00000	357.18	0	48.838454	-86.933138	56151.85	56247.1	2.86	56154.71	56154.71094	56136.63671	56136.63672	504906.3	5409499.9
T9500.0	504905.0	5409499.9	75741.10156	354.83	0	48.838454	-86.933155	56151.24	56247.1	2.86	56154.10	56154.10156	56130.36216	56130.36328	504905.0	5409499.9
T9500.0	504905.0	5409499.9	75741.20313	353.21	0	48.838454	-86.933155	56150.79	56247.1	2.86	56153.65	56153.64844	56127.81272	56127.81250	504905.0	5409499.9
T9500.0	504903.7	5409500.0	75741.29688	352.05	0	48.838455	-86.933173	56150.26	56247.1	2.86	56153.12	56153.12109	56123.29205	56123.29297	504903.7	5409500.0
T9500.0	504902.2	5409500.0	75741.39844	353.16	0	48.838455	-86.933194	56150.25	56247.1	2.86	56153.11	56153.10938	56131.04106	56131.04297	504902.2	5409500.0
T9500.0	504902.2	5409500.0	75741.50000	353.66	0	48.838455	-86.933194	56150.24	56247.1	2.86	56153.10	56153.10156	56138.71763	56138.71875	504902.2	5409500.0
T9500.0	504900.7	5409500.0	75741.60156	353.73	0	48.838455	-86.933214	56150.07	56247.1	2.86	56152.93	56152.92969	56142.52417	56142.52344	504900.7	5409500.0
T9500.0	504899.1	5409500.0	75741.70313	355.04	0	48.838455	-86.933235	56149.73	56247.1	2.86	56152.59	56152.58984	56142.22328	56142.22266	504899.1	5409500.0
T9500.0	504899.1	5409500.0	75741.79688	356.89	0	48.838455	-86.933235	56148.98	56247.1	2.86	56151.84	56151.83984	56132.11855	56132.11719	504899.1	5409500.0
T9500.0	504897.9	5409500.1	75741.89844	349.74	0	48.838456	-86.933252	56148.39	56247.1	2.86	56151.25	56151.25000	56125.73877	56125.73828	504897.9	5409500.1
T9500.0	504896.5	5409500.1	75742.00000	347.72	0	48.838456	-86.933271	56148.16	56247.1	2.86	56151.02	56151.01953	56127.83080	56127.83203	504896.5	5409500.1
T9500.0	504895.3	5409500.1	75742.10156	357.11	0	48.838456	-86.933287	56148.05	56247.1	2.86	56150.91	56150.91016	56132.69820	56132.69922	504895.3	5409500.1
T9500.0	504895.3	5409500.1	75742.20313	357.70	0	48.838456	-86.933287	56147.78	56247.1	2.86	56150.65	56150.64844	56133.93244	56133.93359	504895.3	5409500.1
T9500.0	504893.7	5409500.1	75742.29688	347.15	0	48.838456	-86.933310	56147.58	56247.1	2.87	56150.45	56150.44922	56136.51770	56136.51953	504893.7	5409500.1
T9500.0	504893.7	5409500.1	75742.39844	345.03	0	48.838456	-86.933310	56147.19	56247.1	2.87	56150.06	56150.05859	56134.52015	56134.51953	504893.7	5409500.1
T9500.0	504891.9	5409500.2	75742.50000	357.80	0	48.838456	-86.933334	56146.64	56247.1	2.87	56149.51	56149.51172	56128.65167	56128.65234	504891.9	5409500.2
T9500.0	504891.1	5409500.2	75742.60156	356.88	0	48.838456	-86.933345	56146.17	56247.1	2.87	56149.04	56149.03906	56124.60846	56124.60938	504891.1	5409500.2
T9500.0	504891.1	5409500.2	75742.70313	356.61	0	48.838456	-86.933345	56145.71	56247.1	2.87	56148.59	56148.58984	56120.96626	56120.96484	504891.1	5409500.2
T9500.0	504889.7	5409500.2	75742.79688	356.80	0	48.838457	-86.933364	56145.41	56247.1	2.88	56148.28	56148.28125	56120.57306	56120.57422	504889.7	5409500.2
T9500.0	504888.7	5409500.2	75742.89844	354.90	0	48.838457	-86.933377	56145.36	56247.1	2.88	56148.24	56148.23828	56126.51422	56126.51563	504888.7	5409500.2
T9500.0	504887.4	5409500.2	75743.00000	354.18	0	48.838457	-86.933395	56144.94	56247.1	2.88	56147.82	56147.82031	56123.36188	56123.36328	504887.4	5409500.2
T9500.0	504887.4	5409500.2	75743.10156	353.53	0	48.838457	-86.933395	56144.68	56247.1	2.88	56147.56	56147.55859	56123.93266	56123.93359	504887.4	5409500.2
T9500.0	504886.5	5409500.2	75743.20313	343.14	0	48.838457	-86.933408	56144.20	56247.1	2.88	56147.08	56147.07813	56119.20711	56119.20703	504886.5	5409500.2
T9500.0	504885.2	5409500.1	75743.29688	344.66	0	48.838456	-86.933425	56144.29	56247.1	2.88	56147.17	56147.17188	56127.93553	56127.93359	504885.2	5409500.1
T9500.0	504885.2	5409500.1	75743.39844	345.33	0	48.838456	-86.933425	56144.31	56247.1	2.88	56147.18	56147.17969	56134.69006	56134.69141	504885.2	5409500.1
T9500.0	504883.9	5409500.1	75743.50000	345.82	0	48.838456	-86.933442	56144.12	56247.1	2.88	56147.00	56147.00000	56136.85965	56136.85938	504883.9	5409500.1
T9500.0	504882.9	5409500.1	75743.60156	345.92	0	48.838456	-86.933456	56143.41	56247.1	2.88	56146.29	56146.28906	56126.37423	56126.37500	504882.9	5409500.1
T9500.0	504881.6	5409500.1	75743.70313	346.52	0	48.838456	-86.933473	56142.81	56247.1	2.88	56145.68	56145.67969	56118.18652	56118.18750	504881.6	5409500.1
T9500.0	504881.6	5409500.1	75743.79688	346.86	0	48.838456	-86.933473	56142.38	56247.1	2.88	56145.25	56145.25000	56114.19509	56114.19531	504881.6	5409500.1
T9500.0	504880.5	5409500.1	75743.89844	348.55	0	48.838456	-86.933489	56142.08	56247.1	2.88	56144.96	56144.96094	56113.45030	56113.44922	504880.5	5409500.1
T9500.0	504879.4	5409500.0	75744.00000	351.44	0	48.838455	-86.933504	56142.47	56247.1	2.88	56145.35	56145.35156	56128.76875	56128.76953	504879.4	5409500.0
T9500.0	504878.4	5409500.0	75744.10156	350.59	0	48.838455	-86.933518	56142.22	56247.1	2.88	56145.10	56145.10156	56128.82023	56128.82031	504878.4	5409500.0
T9500.0	504878.4	5409500.0	75744.20313	351.58	0	48.838455	-86.933518	56142.09	56247.1	2.89	56144.98	56144.98047	56131.88035	56131.87891	504878.4	5409500.0
T9500.0	504877.4	5409500.0	75744.29688	352.06	0	48.838455	-86.933531	56141.57	56247.1	2.89	56144.46	56144.46094	56125.36942	56125.37109	504877.4	5409500.0
T9500.0	504876.5	5409499.9	75744.39844	348.89	0	48.838454	-86.933544	56141.20	56247.1	2.89	56144.10	56144.10156	56122.57875	56122.57813	504876.5	5409499.9
T9500.0	504875.4	5409499.9	75744.50000	349.60	0	48.838454	-86.933558	56140.68	56247.1	2.90	56143.58	56143.57813	56115.91297	56115.91406	504875.4	5409499.9
T9500.0	504875.4	5409499.9	75744.60156	350.79	0	48.838454	-86.933558	56140.43	56247.1	2.90	56143.32	56143.32031	56115.34052	56115.33984	504875.4	5409499.9
T9500.0	504874.4	5409499.8	75744.70313	350.18	0	48.838454	-86.933573	56140.00	56247.1	2.90	56142.90	56142.89844	56110.89257	56110.89063	504874.4	5409499.8
T9500.0	504873.3	5409499.8	75744.79688	349.16	0	48.838453	-86.933587	56139.74	56247.1	2.90	56142.65	56142.64844	56110.40143	56110.40234	504873.3	5409499.8
T9500.0	504873.3	5409499.8	75744.89844	349.91	0	48.838453	-86.933587	56139.46	56247.1	2.91	56142.37	56142.37109	56109.11997	56109.12109	504873.3	5409499.8
T9500.0	504872.2	5409499.7	75745.00000	349.31	0	48.838453	-86.933602	56139.54	56247.1	2.91	56142.45	56142.44922	56116.30459	56116.30469	504872.2	5409499.7
T9500.0	504871.4	5409499.7	75745.10156	351.05	0	48.838453	-86.933613	56139.45	56247.1	2.91	56142.36	56142.35938	56119.37568	56119.37500	504871.4	5409499.7
T9500.0	504871.4	5409499.7	75745.20313	349.59	0	48.838453	-86.933613	56139.04	56247.1	2.91	56141.95	56141.94922	56114.77287	56114.77344	504871.4	5409499.7
T9500.0	504870.5	5409499.7	75745.29688	349.60	0	48.838452	-86.933625	56139.23	56247.1	2.91	56142.14	56142.14063	56124.33207	56124.33203	504870.5	5409499.7
T9500.0	504870.5	5409499.7	75745.39844	351.52	0	48.838452	-86.933625	56139.04	56247.1	2.91	56141.95	56141.94922	56124.79302	56124.79297	504870.5	5409499.7
T9500.0	504869.4	5409499.7	75745.50000	351.93	0	48.838452	-86.933641	56138.81	56247.1	2.91	56141.72	56141.71875	56124.22546	56124.22656	504869.4	5409499.7
T9500.0	504868.6	5409499.6	75745.60156	363.70	0	48.838452	-86.933651	56138.31	56247.1	2.91	56141.22	56141.21875	56117.17027	56117.17188	504868.6	5409499.6
T9500.0	504867.8	5409499.6	75745.70313	362.11	0	48.838452	-86.933663	56137.99	56247.1	2.91	56140.90	56140.89844	56114.30806	56114.30859	504867.8	5409499.6
T9500.0	504867.8	5409499.6	75745.79688	362.33	0	48.838452	-86.933663	56137.67	56247.1	2.91	56140.58	56140.57813	56111.36649	56111.36719	504867.8	5409499.6
T9500.0	504866.9	5409499.6	75745.89844	360.74	0	48.838452	-86.933674	56137.70	56247.1	2.91	56140.61	56140.60938	56116.65271	56116.65234	504866.9	5409499.6
T9500.0	504866.2	5409499.6	75746.00000	359.05	0	48.838452	-86.933684	56137.57	56247.1	2.91	56140.48	56140.48047	56118.06190	56118.06250	504866.2	5409499.6
T9500.0	504865.1	5409499.6	75746.10156	350.72	0	48.838452	-86.933698	56137.29	56247.1	2.91	56140.20	56140.19922	56115.83141	56115.83203	504865.1	5409499.6
T9500.0	504864.3	5409499.6	75746.20313	349.25	0	48.838452	-86.933710	56137.06	56247.1	2.91	56139.98	56139.98047	56114.94555	56114.94531	504864.3	5409499.6
T9500.0	504864.3	5409499.6	75746.29688	358.34	0	48.838452	-86.933710	56136.98	56247.1	2.92	56139.90	56139.89844	56117.30313	56117.30469	504864.3	5409499.6
T9500.0	504864.3	5409499.6	75746.39844	358.17	0	48.838452	-86.933710	56136.96	56247.1	2.92	56139.88	56139.87891	56121.00539	56121.00391	504864.3	5409499.6
T9500.0	504863.3	5409499.6	75746.50000	357.52	0	48.838452	-86.933723	56136.71	56247.1	2.92	56139.63	56139.62891	56119.16930	56119.16797	504863.3	5409499.6
T9500.0	504862.5	5409499.6	75746.60156	355.24	0	48.838452	-86.933734	56136.59	56247.1	2.92	56139.51	56139.51172	56120.33946	56120.33984	504862.5	5409499.6
T9500.0	504861.9	5409499.6	75746.70313	355.66	0	48.838452	-86.933742	56135.89	56247.1	2.92	56138.82	56138.82031	56107.90159	56107.90234	504861.9	5409499.6
T9500.0	504861.9	5409499.6	75746.79688	355.41	0	48.838452	-86.933742	56135.70	56247.1	2.93	56138.63	56138.62891	56107.25207	56107.25391	504861.9	5409499.6
T9500.0	504861.0	5409499.6	75746.89844	353.17	0	48.838452	-86.933754	56135.29	56247.1	2.93	56138.21	56138.21094	56101.06461	56101.06641	504861.0	5409499.6
T9500.0	504860.4	5409499.6	75747.00000	355.24	0	48.838452	-86.933763	56134.99	56247.1	2.93	56137.92	56137.92188	56097.88391	56097.88281	504860.4	5409499.6
T9500.0	504860.4	5409499.6	75747.10156	345.56	0	48.838452	-86.933763	56135.02	56247.1	2.93	56137.95	56137.94922	56102.21976	56102.21875	504860.4	5409499.6
T9500.0	504859.1	5409499.6	75747.20313	346.64	0	48.838452	-86.933780	56135.04	56247.1	2.93	56137.97	56137.96875	56106.23986	56106.23828	504859.1	5409499.6
T9500.0	504859.1	5409499.6	75747.29688	353.50	0	48.838452	-86.933780	56135.01	56247.1	2.93	56137.94	56137.94141	56108.99504	56108.99609	504859.1	5409499.6
T9500.0	504858.3	5409499.6	75747.39844	353.87	0	48.838452	-86.933792	56134.84	56247.1	2.93	56137.77	56137.76953	56108.34939	56108.34766	504858.3	5409499.6
T9500.0	504857.5	5409499.6	75747.50000	354.50	0	48.838451	-86.933802	56134.71	56247.1	2.93	56137.64	56137.64063	56108.57547	56108.57422	504857.5	5409499.6
T9500.0	504857.5	5409499.6	75747.60156	355.93	0	48.838451	-86.933802	56134.11	56247.1	2.93	56137.04	56137.03906	56097.56877	56097.57031	504857.5	5409499.6
T9500.0	504856.8	5409499.5	75747.70313	357.54	0	48.838451	-86.933811	56133.44	56247.1	2.93	56136.37	56136.37109	56084.82353	56084.82422	504856.8	5409499.5
T9500.0	504856.1	5409499.5	75747.79688	357.65	0	48.838451	-86.933821	56133.38	56247.1	2.93	56136.31	56136.30859	56086.47978	56086.48047	504856.1	5409499.5
T9500.0	504856.1	5409499.5	75747.89844	357.90	0	48.838451	-86.933821	56133.46	56247.1	2.93	56136.39	56136.39063	56091.38248	56091.38281	504856.1	5409499.5
T9500.0	504855.7	5409499.5	75748.00000	357.33	0	48.838451	-86.933827	56133.72	56247.1	2.93	56136.65	56136.64844	56100.48140	56100.48047	504855.7	5409499.5
T9500.0	504855.0	5409499.4	75748.10156	357.06	0	48.838450	-86.933836	56133.48	56247.1	2.93	56136.41	56136.41016	56097.63725	56097.63672	504855.0	5409499.4
T9500.0	504854.6	5409499.4	75748.20313	357.21	0	48.838450	-86.933842	56133.42	56247.1	2.93	56136.35	56136.35156	56098.99011	56098.98828	504854.6	5409499.4
T9500.0	504854.6	5409499.4	75748.29688	358.80	0	48.838450	-86.933842	56133.16	56247.1	2.94	56136.10	56136.10156	56095.75854	56095.75781	504854.6	5409499.4
T9500.0	504853.8	5409499.3	75748.39844	356.28	0	48.838449	-86.933852	56133.05	56247.1	2.94	56135.99	56135.98828	56095.77548	56095.77734	504853.8	5409499.3

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
T9500.0	504853.3	5409499.3	75748.50000	355.66	0	48.838449	-86.933860	56132.76	56247.1	2.94	56135.70	56135.69922	56091.44627	56091.44531	504853.3	5409499.3
T9500.0	504853.3	5409499.3	75748.60156	356.19	0	48.838449	-86.933860	56132.52	56247.1	2.94	56135.46	56135.46094	56088.23040	56088.23047	504853.3	5409499.3
T9500.0	504852.7	5409499.2	75748.70313	355.45	0	48.838448	-86.933868	56132.36	56247.1	2.94	56135.30	56135.30078	56086.84045	56086.83984	504852.7	5409499.2
T9500.0	504852.7	5409499.2	75748.79688	356.53	0	48.838448	-86.933868	56132.10	56247.1	2.95	56135.04	56135.03906	56083.00468	56083.00391	504852.7	5409499.2
T9500.0	504852.1	5409499.1	75748.89844	356.97	0	48.838448	-86.933876	56132.23	56247.1	2.95	56135.18	56135.17969	56088.59106	56088.58984	504852.1	5409499.1
T9500.0	504851.8	5409499.1	75749.00000	357.09	0	48.838447	-86.933881	56131.93	56247.1	2.95	56134.88	56134.87891	56083.66290	56083.66406	504851.8	5409499.1
T9500.0	504851.8	5409499.1	75749.10156	358.05	0	48.838447	-86.933881	56131.88	56247	2.95	56134.83	56134.82813	56084.59784	56084.59766	504851.8	5409499.1
T9500.0	504851.4	5409499.1	75749.20313	359.42	0	48.838447	-86.933886	56131.45	56247	2.95	56134.40	56134.39844	56076.44355	56076.44531	504851.4	5409499.1
T9500.0	504851.0	5409499.0	75749.29688	359.43	0	48.838447	-86.933891	56131.40	56247	2.95	56134.35	56134.35156	56077.23913	56077.23828	504851.0	5409499.0
T9500.0	504850.6	5409499.0	75749.39844	358.65	0	48.838446	-86.933896	56131.22	56247	2.95	56134.17	56134.17188	56074.88046	56074.87891	504850.6	5409499.0
T9500.0	504850.3	5409499.0	75749.50000	357.42	0	48.838446	-86.933901	56130.86	56247	2.95	56133.82	56133.82031	56068.41882	56068.41797	504850.3	5409499.0
T9500.0	504850.3	5409499.0	75749.60156	357.67	0	48.838446	-86.933901	56130.66	56247	2.96	56133.62	56133.62109	56065.45004	56065.44922	504850.3	5409499.0
T9500.0	504850.0	5409498.9	75749.70313	357.52	0	48.838446	-86.933905	56130.88	56247	2.96	56133.83	56133.82813	56072.14587	56072.14453	504850.0	5409498.9
T9500.0	504850.0	5409498.9	75749.79688	358.44	0	48.838446	-86.933905	56131.02	56247	2.96	56133.98	56133.98047	56077.35166	56077.35156	504850.0	5409498.9
T9500.0	504849.6	5409498.9	75749.89844	357.88	0	48.838445	-86.933910	56130.79	56247	2.96	56133.74	56133.73828	56073.23565	56073.23438	504849.6	5409498.9
T9500.0	504849.4	5409498.9	75750.00000	359.46	0	48.838445	-86.933913	56131.12	56247	2.96	56134.08	56134.07813	56082.82136	56082.82031	504849.4	5409498.9
T9500.0	504849.2	5409498.8	75750.10156	359.11	0	48.838445	-86.933915	56131.22	56247	2.96	56134.18	56134.17969	56086.64700	56086.64844	504849.2	5409498.8
T9500.0	504849.1	5409498.8	75750.20313	358.65	0	48.838445	-86.933917	56131.47	56247	2.97	56134.44	56134.44141	56094.20727	56094.20703	504849.1	5409498.8
T9500.0	504849.1	5409498.8	75750.29688	359.35	0	48.838445	-86.933917	56131.42	56247	2.97	56134.39	56134.39063	56094.34758	56094.34766	504849.1	5409498.8
T9500.0	504848.9	5409498.8	75750.39844	361.23	0	48.838445	-86.933920	56131.20	56247	2.97	56134.17	56134.17188	56090.39161	56090.39063	504848.9	5409498.8
T9500.0	504848.9	5409498.8	75750.50000	360.59	0	48.838445	-86.933920	56131.37	56247	2.97	56134.35	56134.35156	56095.86902	56095.86719	504848.9	5409498.8
T9500.0	504848.8	5409498.8	75750.60156	359.74	0	48.838445	-86.933921	56131.47	56247	2.98	56134.45	56134.44922	56099.38791	56099.38672	504848.8	5409498.8
T9500.0	504848.7	5409498.8	75750.70313	358.70	0	48.838444	-86.933922	56131.98	56247	2.98	56134.96	56134.96094	56112.57918	56112.57813	504848.7	5409498.8
T9500.0	504848.6	5409498.8	75750.79688	360.12	0	48.838444	-86.933923	56131.83	56247	2.98	56134.81	56134.80859	56110.04740	56110.04688	504848.6	5409498.8
T9500.0	504848.6	5409498.8	75750.89844	360.13	0	48.838444	-86.933923	56132.26	56247	2.99	56135.25	56135.25000	56121.46195	56121.46094	504848.6	5409498.8
T9500.0	504848.6	5409498.7	75751.00000	360.15	0	48.838444	-86.933924	56132.16	56247	2.99	56135.15	56135.14844	56120.00332	56120.00391	504848.6	5409498.7
T9500.0	504848.5	5409498.7	75751.10156	357.75	0	48.838444	-86.933925	56132.43	56247	2.99	56135.42	56135.42188	56127.27108	56127.26953	504848.5	5409498.7
T9500.0	504848.5	5409498.7	75751.20313	356.95	0	48.838444	-86.933925	56132.41	56247	3.00	56135.41	56135.41016	56127.83846	56127.83984	504848.5	5409498.7
T9500.0	504848.5	5409498.7	75751.29688	357.00	0	48.838444	-86.933925	56132.45	56247	3.00	56135.45	56135.44922	56129.53881	56129.53906	504848.5	5409498.7
T9500.0	504848.4	5409498.7	75751.39844	354.69	0	48.838444	-86.933926	56132.69	56247	3.00	56135.69	56135.69141	56135.93325	56135.93359	504848.4	5409498.7
T9500.0	504848.3	5409498.7	75751.50000	352.64	0	48.838443	-86.933927	56132.44	56247	3.00	56135.44	56135.44141	56130.64562	56130.64453	504848.3	5409498.7
T9500.0	504848.3	5409498.6	75751.60156	352.98	0	48.838443	-86.933928	56132.91	56247	3.01	56135.92	56135.92188	56142.63330	56142.63281	504848.3	5409498.6
T9500.0	504848.3	5409498.6	75751.70313	352.72	0	48.838443	-86.933928	56132.84	56247	3.01	56135.85	56135.85156	56141.51660	56141.51563	504848.3	5409498.6
T9500.0	504848.2	5409498.6	75751.79688	354.19	0	48.838443	-86.933929	56132.91	56247	3.01	56135.92	56135.92188	56143.67343	56143.67188	504848.2	5409498.6
T9500.0	504848.1	5409498.6	75751.89844	355.99	0	48.838443	-86.933930	56132.66	56247	3.02	56135.68	56135.67969	56138.42402	56138.42578	504848.1	5409498.6
T9500.0	504848.1	5409498.6	75752.00000	356.44	0	48.838443	-86.933931	56132.68	56247	3.02	56135.70	56135.69922	56139.29811	56139.29688	504848.1	5409498.6
T9500.0	504848.1	5409498.6	75752.10156	355.41	0	48.838443	-86.933931	56132.74	56247	3.02	56135.76	56135.76172	56141.07493	56141.07422	504848.1	5409498.6
T9500.0	504847.9	5409498.6	75752.20313	356.11	0	48.838443	-86.933933	56132.69	56247	3.02	56135.71	56135.71094	56140.19513	56140.19531	504847.9	5409498.6
T9500.0	504847.9	5409498.6	75752.29688	357.64	0	48.838443	-86.933934	56132.61	56247	3.02	56135.63	56135.62891	56138.55839	56138.55859	504847.9	5409498.6
T9500.0	504847.9	5409498.6	75752.39844	356.87	0	48.838443	-86.933934	56132.54	56247	3.02	56135.56	56135.55859	56137.11500	56137.11328	504847.9	5409498.6
T9500.0	504847.8	5409498.6	75752.50000	355.71	0	48.838442	-86.933935	56132.73	56247	3.03	56135.76	56135.76172	56142.03687	56142.03516	504847.8	5409498.6
T9500.0	504847.7	5409498.5	75752.60156	357.32	0	48.838442	-86.933937	56132.79	56247	3.03	56135.82	56135.82031	56143.59362	56143.59375	504847.7	5409498.5
T9500.0	504847.5	5409498.5	75752.70313	358.63	0	48.838442	-86.933938	56133.16	56247	3.03	56136.19	56136.19141	56152.46678	56152.46484	504847.5	5409498.5
T9500.0	504847.4	5409498.5	75752.79688	356.30	0	48.838442	-86.933939	56133.05	56247	3.03	56136.07	56136.07031	56149.66936	56149.66797	504847.4	5409498.5
T9500.0	504847.4	5409498.5	75752.89844	359.47	0	48.838442	-86.933939	56132.81	56247	3.03	56135.84	56135.83984	56144.22143	56144.22266	504847.4	5409498.5
T9500.0	504847.3	5409498.5	75753.00000	361.11	0	48.838442	-86.933942	56132.59	56247	3.03	56135.62	56135.62109	56138.97205	56138.97266	504847.3	5409498.5
T9500.0	504847.1	5409498.5	75753.10156	360.35	0	48.838442	-86.933944	56132.31	56247	3.03	56135.35	56135.35156	56132.49796	56132.49609	504847.1	5409498.5
T9500.0	504847.1	5409498.5	75753.20313	350.24	0	48.838442	-86.933944	56132.53	56247	3.03	56135.56	56135.55859	56137.37946	56137.37891	504847.1	5409498.5
T9500.0	504846.9	5409498.5	75753.29688	349.87	0	48.838442	-86.933946	56132.28	56247	3.04	56135.32	56135.32031	56131.54397	56131.54297	504846.9	5409498.5
T9500.0	504846.8	5409498.5	75753.39844	345.87	0	48.838442	-86.933948	56132.62	56247	3.04	56135.65	56135.64844	56139.20185	56139.20313	504846.8	5409498.5
T9500.0	504846.7	5409498.5	75753.50000	347.01	0	48.838442	-86.933950	56132.40	56247	3.04	56135.44	56135.44141	56134.00824	56134.00781	504846.7	5409498.5
T9500.0	504846.5	5409498.5	75753.60156	345.82	0	48.838442	-86.933953	56132.39	56247	3.04	56135.43	56135.42969	56133.52770	56133.52734	504846.5	5409498.5
T9500.0	504846.5	5409498.5	75753.70313	343.70	0	48.838442	-86.933953	56132.41	56247	3.04	56135.46	56135.46094	56133.96345	56133.96484	504846.5	5409498.5
T9500.0	504846.3	5409498.5	75753.79688	344.49	0	48.838442	-86.933956	56132.48	56247	3.05	56135.52	56135.51953	56135.07891	56135.07813	504846.3	5409498.5
T9500.0	504846.1	5409498.5	75753.89844	344.89	0	48.838442	-86.933958	56132.54	56247	3.05	56135.59	56135.58984	56136.40015	56136.39844	504846.1	5409498.5
T9500.0	504846.1	5409498.5	75754.00000	342.88	0	48.838442	-86.933958	56132.53	56246.9	3.05	56135.58	56135.57813	56135.79177	56135.79297	504846.1	5409498.5
T9500.0	504845.9	5409498.5	75754.10156	343.31	0	48.838442	-86.933960	56132.44	56246.9	3.05	56135.49	56135.48828	56133.25451	56133.25391	504845.9	5409498.5
T9500.0	504845.7	5409498.5	75754.20313	345.40	0	48.838442	-86.933963	56132.54	56246.9	3.05	56135.59	56135.58984	56135.19750	56135.19922	504845.7	5409498.5
T9500.0	504845.7	5409498.5	75754.29688	344.58	0	48.838442	-86.933963	56132.26	56246.9	3.05	56135.31	56135.30859	56128.09258	56128.09375	504845.7	5409498.5
T9500.0	504845.5	5409498.4	75754.39844	345.26	0	48.838441	-86.933966	56132.38	56246.9	3.05	56135.43	56135.42969	56130.45362	56130.45313	504845.5	5409498.4
T9500.0	504845.4	5409498.4	75754.50000	343.15	0	48.838441	-86.933967	56132.14	56246.9	3.06	56135.19	56135.19141	56124.24281	56124.24219	504845.4	5409498.4
T9500.0	504845.2	5409498.4	75754.60156	341.78	0	48.838441	-86.933970	56132.52	56246.9	3.06	56135.57	56135.57031	56132.72097	56132.72266	504845.2	5409498.4
T9500.0	504845.2	5409498.4	75754.70313	341.02	0	48.838441	-86.933970	56132.61	56246.9	3.06	56135.66	56135.66016	56134.29002	56134.28906	504845.2	5409498.4
T9500.0	504845.0	5409498.4	75754.79688	340.57	0	48.838441	-86.933972	56132.23	56246.9	3.06	56135.29	56135.28906	56124.91569	56124.91406	504845.0	5409498.4
T9500.0	504844.9	5409498.4	75754.89844	340.94	0	48.838441	-86.933974	56131.81	56246.9	3.06	56134.86	56134.85938	56114.09251	56114.09375	504844.9	5409498.4
T9500.0	504844.7	5409498.4	75755.00000	341.51	0	48.838441	-86.933977	56131.90	56246.9	3.06	56134.96	56134.96094	56115.82464	56115.82422	504844.7	5409498.4
T9500.0	504844.7	5409498.4	75755.10156	341.80	0	48.838441	-86.933977	56132.33	56246.9	3.06	56135.39	56135.39063	56125.36569	56125.36719	504844.7	5409498.4
T9500.0	504844.5	5409498.5	75755.20313	342.00	0	48.838442	-86.933979	56132.56	56246.9	3.06	56135.63	56135.62891	56130.37411	56130.37500	504844.5	5409498.5
T9500.0	504844.5	5409498.5	75755.29688	341.12	0	48.838442	-86.933979	56132.64	56246.9	3.06	56135.70	56135.69922	56131.32515	56131.32422	504844.5	5409498.5
T9500.0	504844.4	5409498.5	75755.39844	342.13	0	48.838442	-86.933982	56132.66	56246.9	3.06	56135.72	56135.71875	56131.06752	56131.06641	504844.4	5409498.5
T9500.0	504844.2	5409498.5	75755.50000	341.22	0	48.838442	-86.933984	56132.62	56246.9	3.07	56135.68	56135.67969	56129.36437	56129.36328	504844.2	5409498.5
T9500.0	504844.0	5409498.5	75755.60156	340.22	0	48.838442	-86.933986	56132.58	56246.9	3.07	56135.64	56135.64063	56127.64031	56127.64063	504844.0	5409498.5
T9500.0	504844.0	5409498.5	75755.70313	339.91	0	48.838442	-86.933986	56132.69	56246.9	3.07	56135.76	56135.76172	56129.69337	56129.69531	504844.0	5409498.5
T9500.0	504843.9	5409498.5	75755.79688	340.10	0	48.838442	-86.933987	56132.98	56246.9	3.07	56136.05	56136.05078	56135.76138	56135.76172	504843.9	5409498.5
T9500.0	504843.8	5409498.5	75755.89844	339.66	0	48.838442	-86.933989	56132.74	56246.9	3.07	56135.81	56135.80859	56129.23040	56129.23047	504843.8	5409498.5
T9500.0	504843.8	5409498.5	75756.00000	339.78	0	48.838442	-86.933989	56132.78	56246.9	3.07	56135.85	56135.85156	56129.32606	56129.32422	504843.8	5409498.5
T9500.0	504843.6	5409498.5	75756.10156	338.82	0	48.838442	-86.933992	56132.99	56246.9	3.07	56136.07	56136.07031	56133.67530	56133.67578	504843.6	5409498.5
T9500.0	504843.6	5409498.5	75756.20313	339.86	0	48.838442	-86.933992	56133.21	56246.9	3.08	56136.29	56136.28906	56138.00624	56138.00781	504843.6	5409498.5
T9500.0	504843.5	5409498.5	75756.29688	338.83	0	48.838442	-86.933993	56133.27	56246.9	3.08	56136.36	56136.35938	56138.75904	56138.75781	504843.5	5409498.5
T9500.0	504843.4	5409498.5	75756.39844	338.01	0	48.838442	-86.933994	56133.39	56246.9	3.09	56136.48	56136.48047	56140.68103	56140.67969	504843.4	5409498.5
T9500.0	504843.3	5409498.5	75756.50000	337.39	0	48.838442	-86.933996	56133.39	56246.9	3.09	56136.48	56136.48047	56139.73763	56139.73828	504843.3	5409498.5
T9500.0	504843.3	5409498.5	75756.60156	336.05	0	48.838442	-86.933996	56133.48	56246.9	3.09	56136.57	56136.57031	56140.91348	56140.91406	504843.3	5409498.5
T9500.0	504843.1	5409498.5	75756.70313	336.40	0	48.838442	-86.933998	56133.65	56246.9	3.10	56136.75	56136.75000	56144.20891	56144.20703	504843.1	5409498.5
T9500.0	504843.1	5409498.5	75756.79688	336.52	0	48.838442	-86.933998	56133.39	56246.9	3.10	56136.50	56136.50000	56137.28210	56137.28125	504843.1	5409498.5
T9500.0	504843.0	5409498.5	75756.89844	337.77	0	48.838442	-86.934000	56133.20	56246.9	3.11	56136.31	56136.30859	56131.76341	56131.76172	504843.0	5409498.5
T9500.0	504842.9	5409498.5	75757.00000	336.11	0	48.838442	-86.934001	56133.42	56246.9	3.11	56136.53	56136.53125	56135.96029	56135.96094	504842.9	5409498.5
T9500.0	504842.8	5409498.5	75757.10156	336.48	0	48.838442	-86.934003	56133.65	56246.9	3.11	56136.76	56136.76172	56140.37906	56140.37891	504842.8	5409498.5
T9500.0	504842.6	5409498.5	75757.20313	335.57	0	48.838442	-86.934005	56133.95	56246.9	3.11	56137.06	56137.05859	56146.44407	56146.44531	504842.6	5409498.5
T9500.0	504842.6	5409498.5	75757.29688	335.30	0	48.838442	-86.934005	56133.71	56246.9	3.10	56136.81	56136.80859	56139.43994	56139.44141	504842.6	5409498.5
T9500.0	504842.5	5409498.5	75757.39844	334.92	0	48.838442	-86.934006	56133.80	56246.9	3.10	56136.90	56136.89844	56140.49090	56140.49219	504842.5	5409498.5
T9500.0	504842.4	5409498.5	75757.50000	334.40	0	48.838442	-86.934008	56133.90	56246.9	3.10	56137.00	56137.00000	56141.76464	56141.76563	504842.4	5409498.5
T9500.0	504842.3	5409498.5	75757.60156	335.36	0	48.838442	-86.934010	56134.08	56246.9	3.10	56137.18	56137.17969	56144.92280	56144.92188	504842.3	5409498.5
T9500.0	504842.1	5409498.5	75757.70313	341.58	0	48.838442	-86.934012	56134.25	56246.9	3.10	56137.35	56137.35156	56147.82943	56147.82813	504842.1	5409498.5

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
T9500.0	504842.1	5409498.5	75757.79688	344.39	0	48.838442	-86.934012	56134.43	56246.9	3.09	56137.53	56137.53125	56150.95939	56150.96094	504842.1	5409498.5
T9500.0	504842.0	5409498.5	75757.89844	343.23	0	48.838442	-86.934014	56134.61	56246.9	3.09	56137.70	56137.69922	56153.83814	56153.83984	504842.0	5409498.5
T9500.0	504842.0	5409498.5	75758.00000	341.43	0	48.838442	-86.934014	56134.38	56246.9	3.09	56137.47	56137.46875	56147.20924	56147.21094	504842.0	5409498.5
T9500.0	504841.8	5409498.5	75758.10156	342.82	0	48.838442	-86.934016	56134.54	56246.9	3.10	56137.63	56137.62891	56149.82336	56149.82422	504841.8	5409498.5
T9500.0	504841.8	5409498.5	75758.20313	342.63	0	48.838442	-86.934016	56134.33	56246.9	3.10	56137.44	56137.44141	56144.11685	56144.11719	504841.8	5409498.5
T9500.0	504841.6	5409498.5	75758.29688	340.15	0	48.838442	-86.934018	56133.95	56246.9	3.11	56137.06	56137.05859	56133.88740	56133.88672	504841.6	5409498.5
T9500.0	504841.5	5409498.4	75758.39844	341.45	0	48.838441	-86.934021	56134.43	56246.9	3.12	56137.55	56137.55078	56144.29406	56144.29297	504841.5	5409498.4
T9500.0	504841.3	5409498.4	75758.50000	340.80	0	48.838441	-86.934023	56134.84	56246.9	3.13	56137.96	56137.96094	56152.78883	56152.78906	504841.3	5409498.4
T9500.0	504841.2	5409498.4	75758.60156	340.46	0	48.838441	-86.934025	56134.61	56246.9	3.13	56137.74	56137.73828	56146.31766	56146.31641	504841.2	5409498.4
T9500.0	504841.2	5409498.4	75758.70313	338.30	0	48.838441	-86.934025	56134.88	56246.9	3.14	56138.02	56138.01953	56151.70101	56151.69922	504841.2	5409498.4
T9500.0	504841.0	5409498.3	75758.79688	338.87	0	48.838440	-86.934028	56134.89	56246.9	3.15	56138.03	56138.03125	56150.66315	56150.66406	504841.0	5409498.3
T9500.0	504841.0	5409498.3	75758.89844	338.10	0	48.838440	-86.934028	56135.17	56246.8	3.15	56138.32	56138.32031	56156.25833	56156.25781	504841.0	5409498.3
T9500.0	504840.6	5409498.2	75759.00000	338.07	0	48.838439	-86.934032	56135.04	56246.8	3.16	56138.20	56138.19922	56152.10959	56152.10938	504840.6	5409498.2
T9500.0	504840.6	5409498.2	75759.10156	336.67	0	48.838439	-86.934032	56134.96	56246.8	3.16	56138.12	56138.12109	56148.89770	56148.89844	504840.6	5409498.2
T9500.0	504840.5	5409498.2	75759.20313	337.57	0	48.838439	-86.934034	56135.37	56246.8	3.16	56138.53	56138.53125	56157.30339	56157.30469	504840.5	5409498.2
T9500.0	504840.3	5409498.1	75759.29688	337.24	0	48.838439	-86.934036	56135.17	56246.8	3.16	56138.33	56138.32813	56151.21845	56151.21875	504840.3	5409498.1
T9500.0	504840.3	5409498.1	75759.39844	338.44	0	48.838439	-86.934036	56135.04	56246.8	3.16	56138.21	56138.21094	56147.01997	56147.01953	504840.3	5409498.1
T9500.0	504840.2	5409498.1	75759.50000	340.56	0	48.838438	-86.934038	56134.86	56246.8	3.17	56138.02	56138.01953	56141.14780	56141.14844	504840.2	5409498.1
T9500.0	504840.1	5409498.1	75759.60156	338.98	0	48.838438	-86.934040	56135.02	56246.8	3.17	56138.19	56138.19141	56143.80802	56143.80859	504840.1	5409498.1
T9500.0	504839.9	5409498.0	75759.70313	335.89	0	48.838438	-86.934043	56134.64	56246.8	3.17	56137.80	56137.80078	56133.16464	56133.16406	504839.9	5409498.0
T9500.0	504839.7	5409498.0	75759.79688	335.74	0	48.838437	-86.934045	56135.12	56246.8	3.17	56138.29	56138.28906	56143.39590	56143.39453	504839.7	5409498.0
T9500.0	504839.7	5409498.0	75759.89844	335.55	0	48.838437	-86.934045	56134.61	56246.8	3.17	56137.78	56137.78125	56129.88042	56129.87891	504839.7	5409498.0
T9500.0	504839.5	5409497.9	75760.00000	337.30	0	48.838437	-86.934047	56134.58	56246.8	3.17	56137.75	56137.75000	56127.74581	56127.74609	504839.5	5409497.9
T9500.0	504839.4	5409497.9	75760.10156	336.91	0	48.838437	-86.934050	56134.50	56246.8	3.17	56137.66	56137.66016	56124.24845	56124.25000	504839.4	5409497.9
T9500.0	504839.2	5409497.9	75760.20313	337.58	0	48.838436	-86.934052	56134.79	56246.8	3.17	56137.95	56137.94922	56129.71303	56129.71484	504839.2	5409497.9
T9500.0	504839.2	5409497.9	75760.29688	337.96	0	48.838436	-86.934052	56135.20	56246.8	3.16	56138.36	56138.35938	56137.89566	56137.89453	504839.2	5409497.9
T9500.0	504839.0	5409497.8	75760.39844	339.34	0	48.838436	-86.934055	56134.74	56246.8	3.16	56137.90	56137.89844	56125.85213	56125.85156	504839.0	5409497.8
T9500.0	504838.8	5409497.8	75760.50000	337.69	0	48.838436	-86.934057	56134.41	56246.8	3.16	56137.57	56137.57031	56117.00539	56117.00391	504838.8	5409497.8
T9500.0	504838.7	5409497.8	75760.60156	337.65	0	48.838436	-86.934059	56134.94	56246.8	3.16	56138.10	56138.10156	56127.80709	56127.80859	504838.7	5409497.8
T9500.0	504838.5	5409497.8	75760.70313	338.67	0	48.838436	-86.934061	56135.54	56246.8	3.16	56138.70	56138.69922	56139.93284	56139.93359	504838.5	5409497.8
T9500.0	504838.5	5409497.8	75760.79688	338.49	0	48.838436	-86.934061	56135.88	56246.8	3.15	56139.03	56139.03125	56145.79233	56145.79297	504838.5	5409497.8
T9500.0	504838.3	5409497.9	75760.89844	337.54	0	48.838437	-86.934064	56136.13	56246.8	3.15	56139.28	56139.28125	56149.73775	56149.73828	504838.3	5409497.9
T9500.0	504838.1	5409497.9	75761.00000	336.09	0	48.838437	-86.934067	56135.60	56246.8	3.15	56138.75	56138.75000	56136.84358	56136.84375	504838.1	5409497.9
T9500.0	504838.1	5409497.9	75761.10156	334.28	0	48.838437	-86.934067	56135.84	56246.8	3.15	56139.00	56139.00000	56140.78087	56140.78125	504838.1	5409497.9
T9500.0	504837.9	5409498.0	75761.20313	331.11	0	48.838438	-86.934069	56135.60	56246.8	3.16	56138.76	56138.76172	56134.42000	56134.42188	504837.9	5409498.0
T9500.0	504837.8	5409498.1	75761.29688	329.90	0	48.838438	-86.934071	56135.95	56246.8	3.16	56139.11	56139.10938	56140.30180	56140.30078	504837.8	5409498.1
T9500.0	504837.6	5409498.1	75761.39844	330.73	0	48.838439	-86.934074	56136.01	56246.8	3.17	56139.17	56139.17188	56140.16441	56140.16406	504837.6	5409498.1
T9500.0	504837.6	5409498.1	75761.50000	322.32	0	48.838439	-86.934074	56135.89	56246.8	3.17	56139.06	56139.05859	56136.66263	56136.66406	504837.6	5409498.1
T9500.0	504837.4	5409498.2	75761.60156	324.00	0	48.838439	-86.934076	56136.00	56246.8	3.17	56139.17	56139.17188	56137.54688	56137.54688	504837.4	5409498.2
T9500.0	504837.3	5409498.2	75761.70313	331.38	0	48.838440	-86.934078	56136.14	56246.8	3.18	56139.32	56139.32031	56139.16854	56139.16797	504837.3	5409498.2
T9500.0	504837.1	5409498.3	75761.79688	330.17	0	48.838440	-86.934080	56136.58	56246.8	3.18	56139.76	56139.76172	56146.24774	56146.24609	504837.1	5409498.3
T9500.0	504837.1	5409498.3	75761.89844	320.00	0	48.838440	-86.934080	56136.50	56246.8	3.19	56139.69	56139.69141	56143.58856	56143.58984	504837.1	5409498.3
T9500.0	504836.9	5409498.3	75762.00000	320.41	0	48.838440	-86.934083	56136.68	56246.8	3.19	56139.87	56139.87109	56145.62901	56145.62891	504836.9	5409498.3
T9500.0	504836.9	5409498.3	75762.10156	320.04	0	48.838440	-86.934083	56136.41	56246.8	3.19	56139.60	56139.60156	56139.35204	56139.35156	504836.9	5409498.3
T9500.0	504836.7	5409498.3	75762.20313	319.36	0	48.838440	-86.934086	56136.81	56246.8	3.19	56140.00	56140.00000	56145.40061	56145.40234	504836.7	5409498.3
T9500.0	504836.5	5409498.3	75762.29688	317.80	0	48.838441	-86.934089	56136.63	56246.8	3.19	56139.82	56139.82031	56140.85657	56140.85547	504836.5	5409498.3
T9500.0	504836.3	5409498.4	75762.39844	327.01	0	48.838441	-86.934092	56136.63	56246.8	3.19	56139.82	56139.82031	56145.15369	56145.15234	504836.3	5409498.4
T9500.0	504836.3	5409498.4	75762.50000	328.65	0	48.838441	-86.934092	56137.24	56246.8	3.19	56140.43	56140.42969	56158.19794	56158.19922	504836.3	5409498.4
T9500.0	504836.1	5409498.4	75762.60156	328.30	0	48.838441	-86.934094	56137.57	56246.8	3.19	56140.76	56140.76172	56164.31405	56164.31250	504836.1	5409498.4
T9500.0	504835.9	5409498.4	75762.70313	329.52	0	48.838441	-86.934097	56137.32	56246.8	3.19	56140.51	56140.51172	56156.58170	56156.58203	504835.9	5409498.4
T9500.0	504835.7	5409498.4	75762.79688	328.69	0	48.838441	-86.934100	56137.04	56246.8	3.19	56140.23	56140.23047	56148.26763	56148.26953	504835.7	5409498.4
T9500.0	504835.7	5409498.4	75762.89844	329.38	0	48.838441	-86.934100	56137.12	56246.8	3.19	56140.31	56140.30859	56148.42271	56148.42188	504835.7	5409498.4
T9500.0	504835.5	5409498.3	75763.00000	328.91	0	48.838441	-86.934102	56137.04	56246.8	3.19	56140.23	56140.23047	56144.89871	56144.89844	504835.5	5409498.3
T9500.0	504835.3	5409498.3	75763.10156	329.40	0	48.838440	-86.934106	56136.98	56246.8	3.19	56140.17	56140.17188	56141.89639	56141.89453	504835.3	5409498.3
T9500.0	504835.3	5409498.3	75763.20313	329.61	0	48.838440	-86.934106	56137.02	56246.8	3.19	56140.21	56140.21094	56141.17646	56141.17578	504835.3	5409498.3
T9500.0	504835.0	5409498.3	75763.29688	329.41	0	48.838440	-86.934109	56137.24	56246.8	3.19	56140.43	56140.42969	56144.37014	56144.37109	504835.0	5409498.3
T9500.0	504835.0	5409498.3	75763.39844	331.45	0	48.838440	-86.934109	56137.32	56246.8	3.19	56140.51	56140.51172	56144.44488	56144.44531	504835.0	5409498.3
T9500.0	504834.8	5409498.3	75763.50000	331.85	0	48.838440	-86.934112	56137.09	56246.8	3.19	56140.28	56140.28125	56138.04295	56138.04297	504834.8	5409498.3
T9500.0	504834.6	5409498.3	75763.60156	332.13	0	48.838440	-86.934115	56137.37	56246.8	3.19	56140.56	56140.55859	56142.28701	56142.28516	504834.6	5409498.3
T9500.0	504834.4	5409498.3	75763.70313	331.53	0	48.838440	-86.934118	56137.59	56246.8	3.19	56140.78	56140.78125	56145.12774	56145.12891	504834.4	5409498.3
T9500.0	504834.4	5409498.3	75763.79688	329.73	0	48.838440	-86.934118	56137.32	56246.8	3.19	56140.51	56140.51172	56138.33985	56138.33984	504834.4	5409498.3
T9500.0	504834.1	5409498.3	75763.89844	315.57	0	48.838440	-86.934121	56137.32	56246.8	3.19	56140.51	56140.51172	56136.97851	56136.97656	504834.1	5409498.3
T9500.0	504833.9	5409498.3	75764.00000	315.00	0	48.838440	-86.934123	56137.12	56246.8	3.19	56140.31	56140.30859	56132.03219	56132.03125	504833.9	5409498.3
T9500.0	504833.7	5409498.3	75764.10156	316.30	0	48.838440	-86.934127	56137.06	56246.8	3.19	56140.25	56140.25000	56129.85227	56129.85156	504833.7	5409498.3
T9500.0	504833.5	5409498.3	75764.20313	325.79	0	48.838440	-86.934129	56137.46	56246.8	3.19	56140.65	56140.64844	56135.74112	56135.74219	504833.5	5409498.3
T9500.0	504833.5	5409498.3	75764.29688	316.06	0	48.838440	-86.934129	56137.34	56246.8	3.19	56140.53	56140.53125	56132.57887	56132.57813	504833.5	5409498.3
T9500.0	504833.2	5409498.3	75764.39844	315.05	0	48.838441	-86.934133	56137.95	56246.8	3.19	56141.14	56141.14063	56143.76475	56143.76563	504833.2	5409498.3
T9500.0	504833.1	5409498.4	75764.50000	315.09	0	48.838441	-86.934136	56137.92	56246.8	3.19	56141.11	56141.10938	56140.98632	56140.98438	504833.1	5409498.4
T9500.0	504832.9	5409498.4	75764.60156	313.17	0	48.838441	-86.934138	56137.88	56246.8	3.19	56141.07	56141.07031	56138.09071	56138.08984	504832.9	5409498.4
T9500.0	504832.9	5409498.4	75764.70313	319.65	0	48.838441	-86.934138	56137.92	56246.8	3.19	56141.11	56141.10938	56137.21831	56137.21875	504832.9	5409498.4
T9500.0	504832.7	5409498.4	75764.79688	321.04	0	48.838441	-86.934141	56138.18	56246.8	3.19	56141.37	56141.37109	56141.45976	56141.46094	504832.7	5409498.4
T9500.0	504832.4	5409498.4	75764.89844	316.65	0	48.838441	-86.934144	56138.14	56246.8	3.19	56141.33	56141.32813	56138.69300	56138.69141	504832.4	5409498.4
T9500.0	504832.3	5409498.4	75765.00000	316.52	0	48.838442	-86.934146	56138.18	56246.8	3.19	56141.37	56141.37109	56137.79818	56137.79688	504832.3	5409498.4
T9500.0	504832.3	5409498.4	75765.10156	321.06	0	48.838442	-86.934146	56138.32	56246.8	3.19	56141.51	56141.51172	56139.09179	56139.08984	504832.3	5409498.4
T9500.0	504832.1	5409498.5	75765.20313	313.86	0	48.838442	-86.934149	56138.66	56246.8	3.19	56141.85	56141.85156	56144.57082	56144.57031	504832.1	5409498.5
T9500.0	504831.9	5409498.5	75765.29688	314.11	0	48.838442	-86.934151	56138.88	56246.8	3.19	56142.07	56142.07031	56147.31349	56147.31250	504831.9	5409498.5
T9500.0	504831.8	5409498.5	75765.39844	313.56	0	48.838442	-86.934153	56138.64	56246.8	3.19	56141.84	56141.83984	56140.74416	56140.74609	504831.8	5409498.5
T9500.0	504831.8	5409498.5	75765.50000	312.24	0	48.838442	-86.934153	56138.70	56246.8	3.19	56141.90	56141.89844	56140.22984	56140.23047	504831.8	5409498.5
T9500.0	504831.6	5409498.5	75765.60156	315.67	0	48.838442	-86.934155	56139.04	56246.8	3.20	56142.24	56142.23828	56145.19230	56145.19141	504831.6	5409498.5
T9500.0	504831.5	5409498.5	75765.70313	313.20	0	48.838442	-86.934157	56139.59	56246.8	3.20	56142.79	56142.78906	56153.90186	56153.90234	504831.5	5409498.5
T9500.0	504831.5	5409498.5	75765.79688	312.80	0	48.838442	-86.934157	56139.48	56246.8	3.20	56142.68	56142.67969	56149.91761	56149.91797	504831.5	5409498.5
T9500.0	504831.3	5409498.5	75765.89844	313.06	0	48.838442	-86.934159	56139.36	56246.8	3.20	56142.56	56142.55859	56145.94347	56145.94531	504831.3	5409498.5
T9500.0	504831.1	5409498.5	75766.00000	310.53	0	48.838442	-86.934162	56139.46	56246.8	3.20	56142.66	56142.66016	56146.03146	56146.03125	504831.1	5409498.5
T9500.0	504831.0	5409498.5	75766.10156	309.17	0	48.838442	-86.934163	56139.55	56246.8	3.20	56142.75	56142.75000	56145.93859	56145.93750	504831.0	5409498.5
T9500.0	504831.0	5409498.5	75766.20313	308.20	0	48.838442	-86.934163	56139.48	56246.8	3.20	56142.69	56142.69141	56143.37238	56143.37109	504831.0	5409498.5
T9500.0	504830.9	5409498.4	75766.29688	308.74	0	48.838442	-86.934165	56139.84	56246.8	3.21	56143.05	56143.05078	56147.68717	56147.68750	504830.9	5409498.4
T9500.0	504830.7	5409498.4	75766.39844	308.16	0	48.838441	-86.934168	56139.72	56246.8	3.21	56142.93	56142.92969	56144.28728	56144.28906	504830.7	5409498.4
T9500.0	504830.5	5409498.4	75766.50000	307.03	0	48.838441	-86.934170	56139.41	56246.8	3.21	56142.62	56142.62109	56138.20298	56138.20313	504830.5	5409498.4
T9500.0	504830.5	5409498.4	75766.60156	307.65	0	48.838441	-86.934170	56140.18	56246.8	3.21	56143.39	56143.39063	56148.37784	56148.37891	504830.5	5409498.4
T9500.0	504830.3	5409498.4	75766.70313	307.87	0	48.838441	-86.934173	56140.38	56246.8	3.21	56143.59	56143.58984	56149.86584	56149.86719	504830.3	5409498.4
T9500.0	504830.2	5409498.4	75766.79688	310.05	0	48.838441	-86.934174	56140.81	56246.8	3.22	56144.03	56144.03125	56154.71499	56154.71484	504830.2	5409498.4
T9500.0	504830.2	5409498.4	75766.89844	310.49	0	48.838441	-86.934174	56140.70	56246.8	3.22	56143.92	56143.92188	56151.78607	56151.78516	504830.2	5409498.4
T9500.0	504830.1	5409498.4	75767.00000	310.41	0	48.838441	-86.934176	56140.81	56246.8	3.22	56144.03	56144.03125	56152.00812	56152.00781	504830.1	5409498.4

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
T9500.0	504830.1	5409498.4	75767.10156	307.77	0	48.838441	-86.934176	56140.81	56246.8	3.22	56144.03	56144.03125	56150.76291	56150.76172	504830.1	5409498.4
T9500.0	504830.0	5409498.4	75767.20313	306.49	0	48.838441	-86.934178	56140.91	56246.8	3.22	56144.13	56144.12891	56149.89173	56149.89063	504830.0	5409498.4
T9500.0	504829.9	5409498.4	75767.29688	305.87	0	48.838441	-86.934179	56141.06	56246.8	3.22	56144.28	56144.28125	56151.83355	56151.83203	504829.9	5409498.4
T9500.0	504829.9	5409498.4	75767.39844	303.90	0	48.838441	-86.934179	56141.27	56246.8	3.22	56144.49	56144.48828	56155.74260	56155.74219	504829.9	5409498.4
T9500.0	504829.7	5409498.4	75767.50000	303.13	0	48.838441	-86.934181	56141.37	56246.8	3.22	56144.59	56144.58984	56156.42504	56156.42578	504829.7	5409498.4
T9500.0	504829.6	5409498.4	75767.60156	304.12	0	48.838441	-86.934183	56141.23	56246.8	3.22	56144.45	56144.44922	56149.88577	56149.88672	504829.6	5409498.4
T9500.0	504829.5	5409498.4	75767.70313	306.41	0	48.838441	-86.934184	56141.16	56246.8	3.22	56144.38	56144.37891	56145.58646	56145.58594	504829.5	5409498.4
T9500.0	504829.5	5409498.4	75767.79688	304.80	0	48.838441	-86.934184	56141.38	56246.8	3.22	56144.60	56144.60156	56150.27397	56150.27344	504829.5	5409498.4
T9500.0	504829.4	5409498.4	75767.89844	307.67	0	48.838441	-86.934185	56141.09	56246.8	3.22	56144.31	56144.30859	56139.40748	56139.40625	504829.4	5409498.4
T9500.0	504829.4	5409498.4	75768.00000	308.93	0	48.838441	-86.934185	56141.31	56246.8	3.22	56144.53	56144.53125	56144.26204	56144.26172	504829.4	5409498.4
T9500.0	504829.3	5409498.3	75768.10156	308.45	0	48.838441	-86.934187	56141.32	56246.8	3.22	56144.54	56144.53906	56142.74607	56142.74609	504829.3	5409498.3
T9500.0	504829.2	5409498.3	75768.20313	310.95	0	48.838441	-86.934188	56141.82	56246.8	3.23	56145.04	56145.03906	56156.19531	56156.19531	504829.2	5409498.3
T9500.0	504829.2	5409498.3	75768.29688	309.48	0	48.838441	-86.934188	56141.65	56246.8	3.23	56144.88	56144.87891	56149.56873	56149.57031	504829.2	5409498.3
T9500.0	504829.1	5409498.3	75768.39844	310.34	0	48.838441	-86.934189	56141.51	56246.8	3.24	56144.75	56144.75000	56143.95030	56143.94922	504829.1	5409498.3
T9500.0	504829.1	5409498.3	75768.50000	308.52	0	48.838441	-86.934189	56142.12	56246.8	3.24	56145.36	56145.35938	56160.38161	56160.38281	504829.1	5409498.3
T9500.0	504829.1	5409498.4	75768.60156	308.60	0	48.838441	-86.934189	56141.93	56246.8	3.24	56145.17	56145.17188	56152.98356	56152.98438	504829.1	5409498.4
T9500.0	504829.1	5409498.4	75768.70313	305.11	0	48.838441	-86.934190	56142.17	56246.8	3.25	56145.42	56145.42188	56158.44313	56158.44141	504829.1	5409498.4
T9500.0	504829.1	5409498.4	75768.79688	305.26	0	48.838441	-86.934190	56141.89	56246.7	3.25	56145.14	56145.14063	56148.65822	56148.66016	504829.1	5409498.4
T9500.0	504829.0	5409498.4	75768.89844	305.16	0	48.838441	-86.934190	56142.41	56246.7	3.26	56145.66	56145.66016	56161.42267	56161.42188	504829.0	5409498.4
T9500.0	504829.0	5409498.4	75769.00000	304.95	0	48.838441	-86.934191	56142.17	56246.7	3.26	56145.43	56145.42969	56153.20066	56153.19922	504829.0	5409498.4
T9500.0	504829.0	5409498.4	75769.10156	305.56	0	48.838441	-86.934191	56142.12	56246.7	3.26	56145.38	56145.37891	56150.08007	56150.07813	504829.0	5409498.4
T9500.0	504829.0	5409498.5	75769.20313	304.98	0	48.838442	-86.934191	56142.09	56246.7	3.26	56145.35	56145.35156	56147.60301	56147.60156	504829.0	5409498.5
T9500.0	504828.9	5409498.5	75769.29688	303.54	0	48.838442	-86.934192	56141.88	56246.7	3.26	56145.14	56145.14063	56140.77077	56140.76953	504828.9	5409498.5
T9500.0	504828.9	5409498.5	75769.39844	301.38	0	48.838442	-86.934192	56141.82	56246.7	3.26	56145.08	56145.07813	56138.01240	56138.01172	504828.9	5409498.5
T9500.0	504828.9	5409498.5	75769.50000	302.39	0	48.838442	-86.934192	56141.70	56246.7	3.26	56144.96	56144.96094	56134.12352	56134.12500	504828.9	5409498.5
T9500.0	504828.8	5409498.5	75769.60156	305.35	0	48.838442	-86.934193	56142.02	56246.7	3.26	56145.28	56145.28125	56140.32529	56140.32422	504828.8	5409498.5
T9500.0	504828.8	5409498.5	75769.70313	304.91	0	48.838442	-86.934193	56142.02	56246.7	3.26	56145.28	56145.28125	56139.32219	56139.32031	504828.8	5409498.5
T9500.0	504828.8	5409498.5	75769.79688	306.68	0	48.838442	-86.934194	56142.75	56246.7	3.26	56146.01	56146.01172	56153.00681	56153.00781	504828.8	5409498.5
T9500.0	504828.8	5409498.5	75769.89844	307.21	0	48.838442	-86.934194	56142.63	56246.7	3.26	56145.89	56145.89063	56149.31286	56149.31250	504828.8	5409498.5
T9500.0	504828.8	5409498.5	75770.00000	305.28	0	48.838442	-86.934194	56142.83	56246.7	3.26	56146.09	56146.08984	56151.74199	56151.74219	504828.8	5409498.5
T9500.0	504828.7	5409498.5	75770.10156	304.28	0	48.838442	-86.934195	56143.04	56246.7	3.26	56146.29	56146.28906	56153.95027	56153.94922	504828.7	5409498.5
T9500.0	504828.7	5409498.5	75770.20313	304.36	0	48.838442	-86.934195	56142.88	56246.7	3.26	56146.14	56146.14063	56150.42079	56150.42188	504828.7	5409498.5
T9500.0	504828.7	5409498.5	75770.29688	302.84	0	48.838442	-86.934195	56142.76	56246.7	3.26	56146.02	56146.01953	56147.79237	56147.79297	504828.7	5409498.5
T9500.0	504828.7	5409498.5	75770.39844	305.80	0	48.838442	-86.934195	56142.74	56246.7	3.26	56146.00	56146.00000	56146.93689	56146.93750	504828.7	5409498.5
T9500.0	504828.7	5409498.5	75770.50000	305.46	0	48.838442	-86.934195	56142.69	56246.7	3.25	56145.94	56145.94141	56145.72842	56145.72656	504828.7	5409498.5
T9500.0	504828.7	5409498.5	75770.60156	303.37	0	48.838442	-86.934195	56142.83	56246.7	3.25	56146.09	56146.08984	56147.34954	56147.34766	504828.7	5409498.5
T9500.0	504828.6	5409498.4	75770.70313	301.84	0	48.838441	-86.934196	56143.34	56246.7	3.25	56146.59	56146.58984	56152.96475	56152.96484	504828.6	5409498.4
T9500.0	504828.6	5409498.4	75770.79688	299.69	0	48.838441	-86.934196	56143.53	56246.7	3.25	56146.78	56146.78125	56154.60010	56154.60156	504828.6	5409498.4
T9500.0	504828.6	5409498.4	75770.89844	298.03	0	48.838441	-86.934196	56143.49	56246.7	3.25	56146.74	56146.73828	56153.72551	56153.72656	504828.6	5409498.4
T9500.0	504828.6	5409498.4	75771.00000	296.56	0	48.838441	-86.934196	56143.34	56246.8	3.25	56146.59	56146.58984	56151.91651	56151.91797	504828.6	5409498.4
T9500.0	504828.5	5409498.3	75771.10156	295.71	0	48.838440	-86.934198	56143.26	56246.7	3.25	56146.51	56146.51172	56151.01652	56151.01563	504828.5	5409498.3
T9500.0	504828.5	5409498.3	75771.20313	296.29	0	48.838440	-86.934198	56143.24	56246.7	3.25	56146.49	56146.48828	56150.81822	56150.81641	504828.5	5409498.3
T9500.0	504828.3	5409498.2	75771.29688	297.25	0	48.838440	-86.934200	56143.06	56246.7	3.26	56146.32	56146.32031	56149.37429	56149.37500	504828.3	5409498.2
T9500.0	504828.2	5409498.2	75771.39844	297.82	0	48.838439	-86.934201	56143.06	56246.7	3.26	56146.32	56146.32031	56149.55964	56149.55859	504828.2	5409498.2
T9500.0	504828.2	5409498.2	75771.50000	299.36	0	48.838439	-86.934201	56142.81	56246.7	3.26	56146.07	56146.07031	56147.65929	56147.66016	504828.2	5409498.2
T9500.0	504828.1	5409498.1	75771.60156	299.13	0	48.838439	-86.934203	56142.83	56246.7	3.26	56146.09	56146.08984	56148.15829	56148.16016	504828.1	5409498.1
T9500.0	504828.0	5409498.1	75771.70313	300.60	0	48.838438	-86.934205	56142.93	56246.7	3.26	56146.19	56146.19141	56149.39349	56149.39453	504828.0	5409498.1
T9500.0	504827.8	5409498.1	75771.79688	301.90	0	48.838438	-86.934207	56142.68	56246.7	3.27	56145.95	56145.94922	56147.77750	56147.77734	504827.8	5409498.1
T9500.0	504827.8	5409498.1	75771.89844	301.47	0	48.838438	-86.934207	56142.30	56246.7	3.27	56145.56	56145.55859	56144.87168	56144.87109	504827.8	5409498.1
T9500.0	504827.6	5409498.0	75772.00000	300.88	0	48.838438	-86.934209	56142.14	56246.7	3.27	56145.41	56145.41016	56144.03621	56144.03516	504827.6	5409498.0
T9500.0	504827.6	5409498.0	75772.10156	302.16	0	48.838438	-86.934209	56142.14	56246.7	3.27	56145.42	56145.42188	56144.63082	56144.62891	504827.6	5409498.0
T9500.0	504827.4	5409498.0	75772.20313	300.53	0	48.838438	-86.934212	56141.52	56246.7	3.27	56144.79	56144.78906	56139.52018	56139.51953	504827.4	5409498.0
T9500.0	504827.2	5409498.0	75772.29688	301.31	0	48.838438	-86.934215	56141.59	56246.7	3.27	56144.86	56144.85938	56140.68905	56140.68750	504827.2	5409498.0
T9500.0	504827.0	5409498.0	75772.39844	301.67	0	48.838437	-86.934219	56141.75	56246.7	3.27	56145.02	56145.01953	56142.73273	56142.73438	504827.0	5409498.0
T9500.0	504827.0	5409498.0	75772.50000	304.09	0	48.838437	-86.934219	56141.74	56246.7	3.27	56145.01	56145.01172	56143.27434	56143.27344	504827.0	5409498.0
T9500.0	504826.7	5409498.0	75772.60156	304.23	0	48.838437	-86.934222	56141.93	56246.7	3.28	56145.20	56145.19922	56145.63854	56145.63672	504826.7	5409498.0
T9500.0	504826.5	5409498.0	75772.70313	302.06	0	48.838437	-86.934225	56142.25	56246.7	3.28	56145.52	56145.51953	56149.12897	56149.12891	504826.5	5409498.0
T9500.0	504826.2	5409498.0	75772.79688	299.97	0	48.838438	-86.934229	56142.27	56246.7	3.28	56145.55	56145.55078	56149.99777	56149.99609	504826.2	5409498.0
T9500.0	504826.2	5409498.0	75772.89844	299.94	0	48.838438	-86.934229	56142.14	56246.7	3.28	56145.42	56145.42188	56149.47956	56149.48047	504826.2	5409498.0
T9500.0	504825.8	5409498.0	75773.00000	298.58	0	48.838438	-86.934235	56142.03	56246.7	3.28	56145.31	56145.30859	56149.17651	56149.17578	504825.8	5409498.0
T9500.0	504825.4	5409498.0	75773.10156	297.43	0	48.838438	-86.934240	56142.38	56246.7	3.28	56145.65	56145.64844	56152.70687	56152.70703	504825.4	5409498.0
T9500.0	504825.1	5409498.0	75773.20313	297.57	0	48.838438	-86.934244	56141.84	56246.7	3.28	56145.12	56145.12109	56148.97089	56148.97266	504825.1	5409498.0
T9500.0	504825.1	5409498.0	75773.29688	298.25	0	48.838438	-86.934244	56141.76	56246.7	3.28	56145.04	56145.03906	56149.08717	56149.08594	504825.1	5409498.0
T9500.0	504824.8	5409498.1	75773.39844	299.67	0	48.838438	-86.934248	56141.39	56246.7	3.28	56144.67	56144.67188	56146.81146	56146.81250	504824.8	5409498.1
T9500.0	504824.8	5409498.1	75773.50000	299.36	0	48.838438	-86.934248	56141.16	56246.7	3.28	56144.44	56144.44141	56145.73671	56145.73828	504824.8	5409498.1
T9500.0	504824.3	5409498.1	75773.60156	298.21	0	48.838439	-86.934255	56141.31	56246.7	3.28	56144.59	56144.58984	56148.09385	56148.09375	504824.3	5409498.1
T9500.0	504823.8	5409498.1	75773.70313	297.84	0	48.838439	-86.934262	56141.02	56246.7	3.28	56144.30	56144.30078	56146.57160	56146.57031	504823.8	5409498.1
T9500.0	504823.8	5409498.1	75773.79688	298.65	0	48.838439	-86.934262	56140.88	56246.7	3.28	56144.16	56144.16016	56146.46447	56146.46484	504823.8	5409498.1
T9500.0	504823.2	5409498.1	75773.89844	300.55	0	48.838439	-86.934270	56140.62	56246.7	3.28	56143.90	56143.89844	56145.14364	56145.14453	504823.2	5409498.1
T9500.0	504822.6	5409498.1	75774.00000	300.32	0	48.838439	-86.934278	56140.40	56246.7	3.28	56143.68	56143.67969	56144.16355	56144.16406	504822.6	5409498.1
T9500.0	504822.6	5409498.1	75774.10156	298.55	0	48.838439	-86.934278	56140.33	56246.7	3.28	56143.61	56143.60938	56144.94791	56144.94922	504822.6	5409498.1
T9500.0	504822.2	5409498.1	75774.20313	298.70	0	48.838439	-86.934284	56140.30	56246.7	3.28	56143.58	56143.57813	56146.46329	56146.46484	504822.2	5409498.1
T9500.0	504821.7	5409498.1	75774.29688	300.22	0	48.838438	-86.934290	56140.10	56246.7	3.28	56143.38	56143.37891	56145.85049	56145.85156	504821.7	5409498.1
T9500.0	504821.3	5409498.1	75774.39844	302.69	0	48.838438	-86.934295	56139.95	56246.7	3.28	56143.23	56143.23047	56145.96121	56145.96094	504821.3	5409498.1
T9500.0	504821.3	5409498.1	75774.50000	302.30	0	48.838438	-86.934295	56139.54	56246.7	3.29	56142.82	56142.82031	56141.84004	56141.83984	504821.3	5409498.1
T9500.0	504820.7	5409498.0	75774.60156	304.58	0	48.838438	-86.934304	56139.32	56246.7	3.29	56142.61	56142.60938	56140.73779	56140.73828	504820.7	5409498.0
T9500.0	504820.2	5409498.0	75774.70313	304.73	0	48.838438	-86.934310	56139.62	56246.7	3.29	56142.91	56142.91016	56149.04790	56149.04688	504820.2	5409498.0
T9500.0	504819.7	5409498.0	75774.79688	303.56	0	48.838438	-86.934318	56139.34	56246.7	3.29	56142.63	56142.62891	56146.95296	56146.95313	504819.7	5409498.0
T9500.0	504819.7	5409498.0	75774.89844	305.61	0	48.838438	-86.934318	56139.11	56246.7	3.29	56142.40	56142.39844	56145.67649	56145.67578	504819.7	5409498.0
T9500.0	504819.0	5409498.0	75775.00000	304.28	0	48.838438	-86.934327	56138.82	56246.7	3.29	56142.11	56142.10938	56143.04895	56143.05078	504819.0	5409498.0
T9500.0	504818.4	5409498.0	75775.10156	305.20	0	48.838438	-86.934335	56138.86	56246.7	3.29	56142.14	56142.14063	56147.15487	56147.15625	504818.4	5409498.0
T9500.0	504818.4	5409498.0	75775.20313	308.29	0	48.838438	-86.934335	56138.38	56246.7	3.29	56141.67	56141.67188	56140.48752	56140.48828	504818.4	5409498.0
T9500.0	504818.0	5409498.0	75775.29688	307.78	0	48.838438	-86.934341	56138.12	56246.7	3.29	56141.41	56141.41016	56138.29258	56138.29297	504818.0	5409498.0
T9500.0	504817.4	5409498.0	75775.39844	306.94	0	48.838438	-86.934349	56137.72	56246.7	3.29	56141.01	56141.01172	56133.00974	56133.00781	504817.4	5409498.0
T9500.0	504816.8	5409498.0	75775.50000	307.80	0	48.838438	-86.934357	56137.80	56246.7	3.29	56141.08	56141.07813	56138.11955	56138.12109	504816.8	5409498.0
T9500.0	504816.8	5409498.0	75775.60156	308.06	0	48.838438	-86.934357	56138.11	56246.7	3.28	56141.39	56141.39063	56148.38556	56148.38672	504816.8	5409498.0
T9500.0	504816.1	5409498.0	75775.70313	306.70	0	48.838438	-86.934367	56138.02	56246.7	3.28	56141.30	56141.30078	56149.78944	56149.78906	504816.1	5409498.0
T9500.0	504816.1	5409498.0	75775.79688	305.21	0	48.838438	-86.934367	56137.82	56246.7	3.28	56141.11	56141.10938	56149.00522	56149.00391	504816.1	5409498.0
T9500.0	504815.1	5409498.0	75775.89844	303.64	0	48.838438	-86.934380	56137.90	56246.7	3.28	56141.18	56141.17969	56153.59024	56153.58984	504815.1	5409498.0
T9500.0	504814.4	5409498.0	75776.00000	302.36	0	48.838438	-86.934390	56137.52	56246.7	3.28	56140.80	56140.80078	56148.87297	56148.87109	504814.4	5409498.0
T9500.0	504813.6	5409498.0	75776.10156	303.39	0	48.838438	-86.934400	56137.34	56246.7	3.28	56140.62	56140.62109	56148.30388	56148.30469	504813.6	5409498.0
T9500.0	504812.9	5409498.0	75776.20313	302.54	0	48.838438	-86.934410	56137.12	56246.7	3.28	56140.40	56140.39844	56146.99108	56146.99219	504812.9	5409498.0
T9500.0	504812.9	5409498.0	75776.29688	298.78	0	48.838438	-86.934410	56136.48	56246.7	3.29	56139.76	56139.76172	56137.76975	56137.76953	504812.9	5409498.0

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
T9500.0	504812.3	5409498.0	75776.39844	300.91	0	48.838438	-86.934418	56136.48	56246.7	3.29	56139.76	56139.76172	56140.83716	56140.83594	504812.3	5409498.0
T9500.0	504811.3	5409498.0	75776.50000	300.60	0	48.838438	-86.934432	56136.34	56246.7	3.29	56139.63	56139.62891	56141.43764	56141.43750	504811.3	5409498.0
T9500.0	504811.3	5409498.0	75776.60156	299.99	0	48.838438	-86.934432	56135.92	56246.7	3.29	56139.21	56139.21094	56136.75937	56136.75781	504811.3	5409498.0
T9500.0	504810.6	5409498.0	75776.70313	298.72	0	48.838438	-86.934442	56135.92	56246.7	3.29	56139.21	56139.21094	56139.78904	56139.78906	504810.6	5409498.0
T9500.0	504809.8	5409498.0	75776.79688	300.36	0	48.838438	-86.934453	56136.01	56246.7	3.30	56139.30	56139.30078	56144.47575	56144.47656	504809.8	5409498.0
T9500.0	504809.0	5409498.0	75776.89844	300.22	0	48.838438	-86.934464	56135.67	56246.7	3.30	56138.97	56138.96875	56141.57266	56141.57422	504809.0	5409498.0
T9500.0	504808.1	5409498.0	75777.00000	301.96	0	48.838438	-86.934476	56135.93	56246.7	3.30	56139.23	56139.23047	56149.61956	56149.62109	504808.1	5409498.0
T9500.0	504808.1	5409498.0	75777.10156	304.58	0	48.838438	-86.934476	56135.18	56246.7	3.30	56138.48	56138.48047	56138.89952	56138.89844	504808.1	5409498.0
T9500.0	504807.0	5409498.0	75777.20313	303.66	0	48.838438	-86.934491	56135.09	56246.7	3.30	56138.39	56138.39063	56140.55653	56140.55469	504807.0	5409498.0
T9500.0	504807.0	5409498.0	75777.29688	304.68	0	48.838438	-86.934491	56134.82	56246.7	3.30	56138.11	56138.10938	56138.53797	56138.53906	504807.0	5409498.0
T9500.0	504806.2	5409498.0	75777.39844	303.13	0	48.838438	-86.934501	56134.66	56246.7	3.30	56137.96	56137.96094	56139.12391	56139.12500	504806.2	5409498.0
T9500.0	504805.3	5409498.0	75777.50000	305.48	0	48.838438	-86.934514	56134.51	56246.7	3.29	56137.80	56137.80078	56139.56966	56139.57031	504805.3	5409498.0
T9500.0	504804.0	5409498.0	75777.60156	305.87	0	48.838438	-86.934531	56134.20	56246.7	3.29	56137.50	56137.50000	56136.94352	56136.94531	504804.0	5409498.0
T9500.0	504803.2	5409498.0	75777.70313	307.75	0	48.838438	-86.934543	56134.16	56246.7	3.29	56137.45	56137.44922	56139.94382	56139.94531	504803.2	5409498.0
T9500.0	504803.2	5409498.0	75777.79688	307.16	0	48.838438	-86.934543	56134.20	56246.7	3.29	56137.50	56137.50000	56145.57024	56145.57031	504803.2	5409498.0
T9500.0	504802.0	5409498.1	75777.89844	307.32	0	48.838438	-86.934558	56133.67	56246.7	3.29	56136.96	56136.96094	56136.94926	56136.94922	504802.0	5409498.1
T9500.0	504801.1	5409498.1	75778.00000	306.31	0	48.838438	-86.934571	56133.63	56246.7	3.29	56136.92	56136.92188	56140.53544	56140.53516	504801.1	5409498.1
T9500.0	504800.3	5409498.1	75778.10156	305.98	0	48.838439	-86.934581	56133.32	56246.7	3.29	56136.61	56136.60938	56137.25509	56137.25391	504800.3	5409498.1
T9500.0	504800.3	5409498.1	75778.20313	304.21	0	48.838439	-86.934581	56133.54	56246.7	3.30	56136.84	56136.83984	56148.19593	56148.19531	504800.3	5409498.1
T9500.0	504799.5	5409498.1	75778.29688	305.06	0	48.838439	-86.934593	56132.79	56246.7	3.30	56136.10	56136.10156	56133.21845	56133.21875	504799.5	5409498.1
T9500.0	504798.1	5409498.1	75778.39844	305.02	0	48.838439	-86.934611	56132.43	56246.7	3.31	56135.73	56135.73047	56127.94902	56127.94922	504798.1	5409498.1
T9500.0	504798.1	5409498.1	75778.50000	304.04	0	48.838439	-86.934611	56132.03	56246.7	3.31	56135.34	56135.33984	56122.04401	56122.04297	504798.1	5409498.1
T9500.0	504797.2	5409498.1	75778.60156	302.60	0	48.838439	-86.934624	56132.69	56246.7	3.31	56136.00	56136.00000	56145.18621	56145.18750	504797.2	5409498.1
T9500.0	504796.3	5409498.1	75778.70313	302.24	0	48.838439	-86.934637	56132.27	56246.7	3.32	56135.59	56135.58984	56138.72430	56138.72266	504796.3	5409498.1
T9500.0	504796.3	5409498.1	75778.79688	305.68	0	48.838439	-86.934637	56132.54	56246.7	3.32	56135.86	56135.85938	56150.96893	56150.96875	504796.3	5409498.1
T9500.0	504795.1	5409498.1	75778.89844	307.80	0	48.838439	-86.934653	56132.16	56246.7	3.33	56135.49	56135.48828	56145.52255	56145.52344	504795.1	5409498.1
T9500.0	504793.9	5409498.1	75779.00000	308.72	0	48.838439	-86.934669	56131.95	56246.7	3.33	56135.28	56135.28125	56144.44406	56144.44531	504793.9	5409498.1
T9500.0	504793.9	5409498.1	75779.10156	309.58	0	48.838439	-86.934669	56131.70	56246.7	3.33	56135.03	56135.03125	56142.29512	56142.29688	504793.9	5409498.1
T9500.0	504792.9	5409498.2	75779.20313	310.82	0	48.838439	-86.934682	56131.20	56246.7	3.33	56134.52	56134.51953	56133.46517	56133.46484	504792.9	5409498.2
T9500.0	504791.9	5409498.2	75779.29688	309.09	0	48.838439	-86.934696	56131.20	56246.7	3.33	56134.52	56134.51953	56137.89674	56137.89844	504791.9	5409498.2
T9500.0	504791.9	5409498.2	75779.39844	309.24	0	48.838439	-86.934696	56130.69	56246.7	3.33	56134.01	56134.01172	56129.56083	56129.56250	504791.9	5409498.2
T9500.0	504790.9	5409498.2	75779.50000	306.14	0	48.838439	-86.934710	56130.46	56246.7	3.33	56133.78	56133.78125	56128.37495	56128.37500	504790.9	5409498.2
T9500.0	504789.9	5409498.2	75779.60156	305.16	0	48.838439	-86.934724	56130.57	56246.7	3.32	56133.89	56133.89063	56135.14113	56135.14063	504789.9	5409498.2
T9500.0	504788.4	5409498.1	75779.70313	306.17	0	48.838439	-86.934744	56130.82	56246.7	3.32	56134.14	56134.14063	56144.63143	56144.63281	504788.4	5409498.1
T9500.0	504788.4	5409498.1	75779.79688	305.45	0	48.838439	-86.934744	56130.76	56246.7	3.32	56134.08	56134.07813	56146.78987	56146.78906	504788.4	5409498.1
T9500.0	504787.4	5409498.1	75779.89844	303.32	0	48.838439	-86.934758	56130.29	56246.7	3.32	56133.61	56133.60938	56140.18724	56140.18750	504787.4	5409498.1
T9500.0	504786.1	5409498.0	75780.00000	303.12	0	48.838438	-86.934775	56129.95	56246.7	3.32	56133.27	56133.26953	56136.63019	56136.62891	504786.1	5409498.0
T9500.0	504784.8	5409498.0	75780.10156	302.78	0	48.838438	-86.934793	56129.40	56246.7	3.32	56132.72	56132.71875	56129.09969	56129.10156	504784.8	5409498.0
T9500.0	504784.8	5409498.0	75780.20313	300.39	0	48.838438	-86.934793	56129.32	56246.7	3.32	56132.64	56132.64063	56131.04260	56131.04297	504784.8	5409498.0
T9500.0	504783.7	5409498.0	75780.29688	301.53	0	48.838438	-86.934808	56128.98	56246.7	3.32	56132.30	56132.30078	56127.94535	56127.94531	504783.7	5409498.0
T9500.0	504783.7	5409498.0	75780.39844	301.97	0	48.838438	-86.934808	56128.50	56246.7	3.32	56131.81	56131.80859	56122.12646	56122.12500	504783.7	5409498.0
T9500.0	504782.7	5409498.0	75780.50000	300.13	0	48.838438	-86.934822	56128.66	56246.7	3.32	56131.98	56131.98047	56128.58746	56128.58594	504782.7	5409498.0
T9500.0	504781.4	5409498.0	75780.60156	299.51	0	48.838438	-86.934840	56128.86	56246.7	3.31	56132.17	56132.17188	56135.25199	56135.25391	504781.4	5409498.0
T9500.0	504780.4	5409498.0	75780.70313	299.97	0	48.838438	-86.934853	56129.22	56246.7	3.31	56132.54	56132.53906	56145.13538	56145.13672	504780.4	5409498.0
T9500.0	504780.4	5409498.0	75780.79688	302.47	0	48.838438	-86.934853	56128.82	56246.7	3.31	56132.13	56132.12891	56140.74817	56140.75000	504780.4	5409498.0
T9500.0	504779.1	5409498.0	75780.89844	303.82	0	48.838438	-86.934871	56128.62	56246.7	3.31	56131.93	56131.92969	56140.19178	56140.19141	504779.1	5409498.0
T9500.0	504778.1	5409498.0	75781.00000	304.58	0	48.838438	-86.934885	56127.98	56246.7	3.31	56131.29	56131.28906	56131.42547	56131.42578	504778.1	5409498.0
T9500.0	504778.1	5409498.0	75781.10156	305.46	0	48.838438	-86.934885	56127.89	56246.7	3.31	56131.20	56131.19922	56132.78246	56132.78125	504778.1	5409498.0
T9500.0	504777.0	5409498.0	75781.20313	304.70	0	48.838438	-86.934899	56127.42	56246.7	3.32	56130.74	56130.73828	56127.05473	56127.05469	504777.0	5409498.0
T9500.0	504775.5	5409498.0	75781.29688	304.99	0	48.838438	-86.934919	56127.13	56246.7	3.32	56130.45	56130.44922	56124.39143	56124.39063	504775.5	5409498.0
T9500.0	504774.3	5409498.0	75781.39844	302.26	0	48.838438	-86.934937	56127.02	56246.7	3.32	56130.34	56130.33984	56125.13489	56125.13672	504774.3	5409498.0
T9500.0	504773.0	5409498.0	75781.50000	304.17	0	48.838438	-86.934954	56126.90	56246.7	3.32	56130.22	56130.21875	56125.64360	56125.64453	504773.0	5409498.0
T9500.0	504773.0	5409498.0	75781.60156	305.64	0	48.838438	-86.934954	56127.12	56246.7	3.33	56130.45	56130.44922	56133.24187	56133.24219	504773.0	5409498.0
T9500.0	504772.0	5409498.1	75781.70313	305.78	0	48.838439	-86.934967	56126.88	56246.7	3.33	56130.21	56130.21094	56131.28973	56131.28906	504772.0	5409498.1
T9500.0	504770.9	5409498.1	75781.79688	306.82	0	48.838439	-86.934983	56127.17	56246.7	3.33	56130.50	56130.50000	56140.30519	56140.30469	504770.9	5409498.1
T9500.0	504770.9	5409498.1	75781.89844	305.13	0	48.838439	-86.934983	56126.62	56246.7	3.34	56129.96	56129.96094	56131.91578	56131.91406	504770.9	5409498.1
T9500.0	504769.7	5409498.1	75782.00000	306.06	0	48.838439	-86.934998	56126.67	56246.7	3.34	56130.01	56130.01172	56135.87359	56135.87500	504769.7	5409498.1
T9500.0	504768.4	5409498.1	75782.10156	303.78	0	48.838439	-86.935017	56126.26	56246.7	3.34	56129.60	56129.60156	56129.99089	56129.99219	504768.4	5409498.1
T9500.0	504767.4	5409498.1	75782.20313	304.17	0	48.838439	-86.935031	56126.06	56246.7	3.33	56129.39	56129.39063	56128.31447	56128.31641	504767.4	5409498.1
T9500.0	504767.4	5409498.1	75782.29688	304.24	0	48.838439	-86.935031	56125.92	56246.7	3.33	56129.25	56129.25000	56128.10972	56128.10938	504767.4	5409498.1
T9500.0	504765.2	5409498.2	75782.39844	304.37	0	48.838440	-86.935060	56125.84	56246.7	3.33	56129.16	56129.16016	56128.95870	56128.95703	504765.2	5409498.2
T9500.0	504765.2	5409498.2	75782.50000	303.91	0	48.838440	-86.935060	56126.06	56246.7	3.32	56129.38	56129.37891	56136.40320	56136.40234	504765.2	5409498.2
T9500.0	504763.5	5409498.2	75782.60156	304.41	0	48.838440	-86.935083	56125.50	56246.7	3.32	56128.83	56128.82813	56127.45350	56127.45313	504763.5	5409498.2
T9500.0	504763.5	5409498.2	75782.70313	303.43	0	48.838440	-86.935083	56125.88	56246.7	3.32	56129.20	56129.19922	56138.06492	56138.06641	504763.5	5409498.2
T9500.0	504761.9	5409498.2	75782.79688	301.35	0	48.838440	-86.935105	56125.61	56246.7	3.32	56128.92	56128.92188	56134.91405	56134.91406	504761.9	5409498.2
T9500.0	504760.8	5409498.2	75782.89844	301.36	0	48.838440	-86.935120	56125.58	56246.7	3.31	56128.89	56128.89063	56137.10109	56137.10156	504760.8	5409498.2
T9500.0	504760.8	5409498.2	75783.00000	303.88	0	48.838440	-86.935120	56124.83	56246.7	3.31	56128.14	56128.14063	56124.10409	56124.10547	504760.8	5409498.2
T9500.0	504759.6	5409498.2	75783.10156	304.50	0	48.838440	-86.935136	56124.74	56246.7	3.31	56128.05	56128.05078	56125.11955	56125.12109	504759.6	5409498.2
T9500.0	504759.6	5409498.2	75783.20313	304.48	0	48.838440	-86.935136	56124.65	56246.7	3.31	56127.95	56127.94922	56125.98406	56125.98438	504759.6	5409498.2
T9500.0	504757.8	5409498.2	75783.29688	302.44	0	48.838440	-86.935161	56124.74	56246.7	3.30	56128.04	56128.03906	56130.96215	56130.96094	504757.8	5409498.2
T9500.0	504756.7	5409498.2	75783.39844	301.58	0	48.838440	-86.935176	56124.59	56246.7	3.30	56127.89	56127.89063	56130.90966	56130.91016	504756.7	5409498.2
T9500.0	504755.6	5409498.2	75783.50000	303.08	0	48.838440	-86.935191	56123.81	56246.7	3.30	56127.11	56127.10938	56117.44227	56117.44141	504755.6	5409498.2
T9500.0	504755.6	5409498.2	75783.60156	304.55	0	48.838440	-86.935191	56124.36	56246.7	3.30	56127.66	56127.66016	56132.50641	56132.50781	504755.6	5409498.2
T9500.0	504754.4	5409498.2	75783.70313	304.45	0	48.838440	-86.935207	56124.12	56246.7	3.30	56127.42	56127.42188	56130.71917	56130.71875	504754.4	5409498.2
T9500.0	504754.4	5409498.2	75783.79688	306.27	0	48.838440	-86.935207	56124.39	56246.7	3.29	56127.68	56127.67969	56139.70455	56139.70313	504754.4	5409498.2
T9500.0	504752.8	5409498.2	75783.89844	305.22	0	48.838440	-86.935230	56123.84	56246.7	3.29	56127.13	56127.12891	56131.37362	56131.37500	504752.8	5409498.2
T9500.0	504751.4	5409498.3	75784.00000	304.82	0	48.838441	-86.935248	56123.76	56246.7	3.29	56127.05	56127.05078	56133.13822	56133.13672	504751.4	5409498.3
T9500.0	504751.4	5409498.3	75784.10156	305.22	0	48.838441	-86.935248	56123.38	56246.7	3.29	56126.67	56126.67188	56128.56922	56128.57031	504751.4	5409498.3
T9500.0	504750.2	5409498.3	75784.20313	306.32	0	48.838441	-86.935264	56123.15	56246.7	3.30	56126.45	56126.44922	56127.44406	56127.44531	504750.2	5409498.3
T9500.0	504749.0	5409498.3	75784.29688	308.58	0	48.838441	-86.935281	56123.20	56246.7	3.30	56126.50	56126.50000	56131.90907	56131.91016	504749.0	5409498.3
T9500.0	504747.6	5409498.3	75784.39844	307.89	0	48.838441	-86.935300	56122.91	56246.7	3.30	56126.22	56126.21875	56129.54951	56129.55078	504747.6	5409498.3
T9500.0	504746.0	5409498.3	75784.50000	308.58	0	48.838441	-86.935322	56122.68	56246.7	3.31	56125.99	56125.98828	56128.24904	56128.25000	504746.0	5409498.3
T9500.0	504746.0	5409498.3	75784.60156	307.31	0	48.838441	-86.935322	56122.06	56246.7	3.31	56125.37	56125.37109	56119.48413	56119.48438	504746.0	5409498.3
T9500.0	504744.8	5409498.4	75784.70313	304.77	0	48.838441	-86.935338	56122.21	56246.7	3.31	56125.53	56125.53125	56125.75175	56125.75000	504744.8	5409498.4
T9500.0	504743.5	5409498.4	75784.79688	303.74	0	48.838442	-86.935356	56121.84	56246.7	3.31	56125.15	56125.14844	56121.85054	56121.85156	504743.5	5409498.4
T9500.0	504743.5	5409498.4	75784.89844	302.84	0	48.838442	-86.935356	56121.84	56246.7	3.32	56125.15	56125.14844	56124.80229	56124.80078	504743.5	5409498.4
T9500.0	504742.2	5409498.4	75785.00000	300.96	0	48.838442	-86.935374	56121.96	56246.7	3.32	56125.28	56125.28125	56129.68774	56129.68750	504742.2	5409498.4
T9500.0	504741.2	5409498.5	75785.10156	301.00	0	48.838442	-86.935388	56122.09	56246.7	3.32	56125.40	56125.39844	56134.00483	56134.00391	504741.2	5409498.5
T9500.0	504739.9	5409498.5	75785.20313	301.31	0	48.838443	-86.935405	56121.82	56246.7	3.32	56125.13	56125.12891	56131.87472	56131.87500	504739.9	5409498.5
T9500.0	504738.5	5409498.5	75785.29688	302.37	0	48.838443	-86.935424	56121.25	56246.7	3.32	56124.56	56124.55859	56125.32115	56125.32031	504738.5	5409498.5
T9500.0	504738.5	5409498.5	75785.39844	302.51	0	48.838443	-86.935424	56120.95	56246.7	3.32	56124.27	56124.26953	56123.22709	56123.22656	504738.5	5409498.5
T9500.0	504737.0	5409498.6	75785.50000	302.24	0	48.838443	-86.935444	56120.47	56246.7	3.31	56123.78	56123.78125	56118.33483	56118.33594	504737.0	5409498.6
T9500.0	504735.8	5409498.6	75785.60156	300.63	0	48.838444	-86.935461	56120.55	56246.7	3.31	56123.86	56123.85938	56121.57583	56121.57422	504735.8	5409498.6

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
T9500.0	504735.8	5409498.6	75785.70313	302.03	0	48.838444	-86.935461	56120.44	56246.7	3.31	56123.75	56123.75000	56122.03257	56122.03125	504735.8	5409498.6
T9500.0	504734.2	5409498.6	75785.79688	300.66	0	48.838444	-86.935483	56120.77	56246.7	3.31	56124.08	56124.07813	56128.53268	56128.53125	504734.2	5409498.6
T9500.0	504732.7	5409498.7	75785.89844	299.51	0	48.838445	-86.935503	56120.37	56246.7	3.31	56123.68	56123.67969	56124.90224	56124.90234	504732.7	5409498.7
T9500.0	504731.5	5409498.7	75786.00000	299.63	0	48.838445	-86.935519	56119.86	56246.7	3.31	56123.17	56123.17188	56119.64825	56119.64844	504731.5	5409498.7
T9500.0	504731.5	5409498.7	75786.10156	298.42	0	48.838445	-86.935519	56119.54	56246.7	3.31	56122.85	56122.85156	56116.92130	56116.92188	504731.5	5409498.7
T9500.0	504730.1	5409498.8	75786.20313	301.74	0	48.838445	-86.935539	56119.70	56246.7	3.31	56123.01	56123.01172	56121.11208	56121.11328	504730.1	5409498.8
T9500.0	504728.7	5409498.8	75786.29688	302.48	0	48.838446	-86.935557	56119.81	56246.7	3.32	56123.13	56123.12891	56124.92637	56124.92578	504728.7	5409498.8
T9500.0	504728.7	5409498.8	75786.39844	301.92	0	48.838446	-86.935557	56119.66	56246.7	3.32	56122.98	56122.98047	56124.77028	56124.76953	504728.7	5409498.8
T9500.0	504727.3	5409498.8	75786.50000	301.66	0	48.838446	-86.935577	56119.40	56246.7	3.32	56122.72	56122.71875	56122.84375	56122.84375	504727.3	5409498.8
T9500.0	504726.3	5409498.9	75786.60156	304.37	0	48.838446	-86.935590	56119.36	56246.7	3.32	56122.68	56122.67969	56124.50451	56124.50391	504726.3	5409498.9
T9500.0	504725.0	5409498.9	75786.70313	306.26	0	48.838446	-86.935608	56119.46	56246.7	3.32	56122.79	56122.78906	56128.93402	56128.93359	504725.0	5409498.9
T9500.0	504725.0	5409498.9	75786.79688	306.85	0	48.838446	-86.935608	56119.61	56246.7	3.33	56122.93	56122.92969	56134.25870	56134.25781	504725.0	5409498.9
T9500.0	504723.4	5409498.9	75786.89844	305.04	0	48.838446	-86.935630	56119.20	56246.7	3.33	56122.53	56122.53125	56129.91523	56129.91406	504723.4	5409498.9
T9500.0	504722.0	5409498.9	75787.00000	304.40	0	48.838447	-86.935648	56119.13	56246.7	3.33	56122.46	56122.46094	56131.65940	56131.66016	504722.0	5409498.9
T9500.0	504720.6	5409498.9	75787.10156	304.50	0	48.838447	-86.935668	56118.58	56246.7	3.33	56121.90	56121.89844	56123.84332	56123.84375	504720.6	5409498.9
T9500.0	504720.6	5409498.9	75787.20313	306.36	0	48.838447	-86.935668	56118.26	56246.7	3.32	56121.58	56121.57813	56120.52180	56120.52344	504720.6	5409498.9
T9500.0	504718.9	5409498.9	75787.29688	305.06	0	48.838447	-86.935692	56117.99	56246.7	3.32	56121.31	56121.30859	56118.14908	56118.14844	504718.9	5409498.9
T9500.0	504717.3	5409498.9	75787.39844	305.71	0	48.838447	-86.935713	56117.76	56246.7	3.31	56121.08	56121.07813	56116.60653	56116.60547	504717.3	5409498.9
T9500.0	504717.3	5409498.9	75787.50000	305.31	0	48.838447	-86.935713	56117.36	56246.7	3.31	56120.67	56120.67188	56111.24252	56111.24219	504717.3	5409498.9
T9500.0	504715.5	5409498.9	75787.60156	305.41	0	48.838447	-86.935737	56117.54	56246.7	3.31	56120.85	56120.85156	56118.61988	56118.62109	504715.5	5409498.9
T9500.0	504715.5	5409498.9	75787.70313	303.02	0	48.838447	-86.935737	56117.61	56246.7	3.30	56120.91	56120.91016	56123.58002	56123.57813	504715.5	5409498.9
T9500.0	504714.2	5409498.9	75787.79688	303.04	0	48.838447	-86.935755	56117.66	56246.7	3.30	56120.96	56120.96094	56128.41460	56128.41406	504714.2	5409498.9
T9500.0	504712.8	5409499.0	75787.89844	304.84	0	48.838447	-86.935775	56117.94	56246.7	3.29	56121.24	56121.23828	56138.31351	56138.31250	504712.8	5409499.0
T9500.0	504711.0	5409499.0	75788.00000	303.51	0	48.838447	-86.935799	56117.51	56246.7	3.29	56120.80	56120.80078	56132.45894	56132.45703	504711.0	5409499.0
T9500.0	504709.6	5409499.0	75788.10156	304.50	0	48.838447	-86.935818	56117.46	56246.7	3.29	56120.75	56120.75000	56135.10141	56135.10156	504709.6	5409499.0
T9500.0	504709.6	5409499.0	75788.20313	306.07	0	48.838447	-86.935818	56116.68	56246.7	3.30	56119.97	56119.96875	56121.99979	56122.00000	504709.6	5409499.0
T9500.0	504707.6	5409498.9	75788.29688	307.43	0	48.838447	-86.935845	56116.55	56246.7	3.30	56119.85	56119.85156	56123.17717	56123.17578	504707.6	5409498.9
T9500.0	504706.2	5409498.9	75788.39844	306.88	0	48.838447	-86.935864	56116.05	56246.7	3.30	56119.35	56119.35156	56116.34345	56116.34375	504706.2	5409498.9
T9500.0	504706.2	5409498.9	75788.50000	304.92	0	48.838447	-86.935864	56115.66	56246.7	3.31	56118.97	56118.96875	56112.16141	56112.16016	504706.2	5409498.9
T9500.0	504704.9	5409498.9	75788.60156	303.31	0	48.838447	-86.935882	56115.04	56246.7	3.31	56118.34	56118.33984	56102.99275	56102.99219	504704.9	5409498.9
T9500.0	504703.3	5409498.9	75788.70313	302.36	0	48.838447	-86.935903	56115.24	56246.7	3.31	56118.55	56118.55078	56110.91884	56110.91797	504703.3	5409498.9
T9500.0	504702.0	5409498.9	75788.79688	299.96	0	48.838446	-86.935922	56115.71	56246.7	3.31	56119.03	56119.03125	56123.86826	56123.86719	504702.0	5409498.9
T9500.0	504702.0	5409498.9	75788.89844	302.71	0	48.838446	-86.935922	56115.16	56246.7	3.32	56118.48	56118.48047	56116.37538	56116.37500	504702.0	5409498.9
T9500.0	504700.5	5409498.8	75789.00000	304.36	0	48.838446	-86.935942	56115.34	56246.7	3.32	56118.66	56118.66016	56122.97389	56122.97266	504700.5	5409498.8
T9500.0	504699.2	5409498.8	75789.10156	303.68	0	48.838446	-86.935960	56114.77	56246.7	3.32	56118.09	56118.08984	56115.23053	56115.23047	504699.2	5409498.8
T9500.0	504699.2	5409498.8	75789.20313	305.15	0	48.838446	-86.935960	56114.78	56246.7	3.32	56118.10	56118.10156	56118.35237	56118.35156	504699.2	5409498.8
T9500.0	504697.3	5409498.8	75789.29688	304.75	0	48.838445	-86.935985	56114.32	56246.7	3.32	56117.64	56117.64063	56112.76193	56112.76172	504697.3	5409498.8
T9500.0	504696.0	5409498.7	75789.39844	303.06	0	48.838445	-86.936003	56114.17	56246.7	3.32	56117.49	56117.48828	56112.79401	56112.79297	504696.0	5409498.7
T9500.0	504696.0	5409498.7	75789.50000	301.64	0	48.838445	-86.936003	56113.99	56246.7	3.31	56117.31	56117.30859	56112.20251	56112.20313	504696.0	5409498.7
T9500.0	504694.7	5409498.7	75789.60156	303.32	0	48.838445	-86.936021	56114.00	56246.7	3.31	56117.31	56117.30859	56114.66380	56114.66406	504694.7	5409498.7
T9500.0	504692.8	5409498.7	75789.70313	302.60	0	48.838445	-86.936046	56114.29	56246.7	3.31	56117.60	56117.60156	56121.96295	56121.96484	504692.8	5409498.7
T9500.0	504692.8	5409498.7	75789.79688	301.12	0	48.838445	-86.936046	56113.88	56246.7	3.31	56117.19	56117.19141	56117.09141	56117.08984	504692.8	5409498.7
T9500.0	504691.2	5409498.6	75789.89844	300.87	0	48.838444	-86.936069	56114.14	56246.7	3.31	56117.46	56117.46094	56123.71449	56123.71484	504691.2	5409498.6
T9500.0	504689.9	5409498.6	75790.00000	300.85	0	48.838444	-86.936087	56113.79	56246.7	3.31	56117.10	56117.10156	56119.58260	56119.58203	504689.9	5409498.6
T9500.0	504688.8	5409498.6	75790.10156	300.16	0	48.838444	-86.936102	56113.89	56246.7	3.31	56117.20	56117.19922	56123.11093	56123.10938	504688.8	5409498.6
T9500.0	504688.8	5409498.6	75790.20313	301.74	0	48.838444	-86.936102	56113.56	56246.7	3.31	56116.87	56116.87109	56119.37709	56119.37891	504688.8	5409498.6
T9500.0	504687.1	5409498.6	75790.29688	305.44	0	48.838444	-86.936124	56113.77	56246.7	3.31	56117.08	56117.07813	56124.58535	56124.58594	504687.1	5409498.6
T9500.0	504685.6	5409498.6	75790.39844	306.23	0	48.838444	-86.936145	56113.94	56246.7	3.31	56117.25	56117.25000	56129.07143	56129.07031	504685.6	5409498.6
T9500.0	504684.5	5409498.6	75790.50000	307.33	0	48.838444	-86.936160	56113.89	56246.7	3.31	56117.20	56117.19922	56129.86331	56129.86328	504684.5	5409498.6
T9500.0	504684.5	5409498.6	75790.60156	305.90	0	48.838444	-86.936160	56112.93	56246.7	3.30	56116.23	56116.23047	56115.23832	56115.23828	504684.5	5409498.6
T9500.0	504683.0	5409498.6	75790.70313	302.25	0	48.838444	-86.936180	56112.81	56246.7	3.30	56116.11	56116.10938	56114.75620	56114.75781	504683.0	5409498.6
T9500.0	504683.0	5409498.6	75790.79688	302.61	0	48.838444	-86.936180	56112.31	56246.7	3.30	56115.61	56115.60938	56107.81653	56107.81641	504683.0	5409498.6
T9500.0	504681.3	5409498.6	75790.89844	300.99	0	48.838444	-86.936204	56112.20	56246.7	3.30	56115.50	56115.50000	56107.41850	56107.41797	504681.3	5409498.6
T9500.0	504680.0	5409498.6	75791.00000	301.65	0	48.838444	-86.936222	56111.84	56246.7	3.30	56115.14	56115.14063	56102.72693	56102.72656	504680.0	5409498.6
T9500.0	504678.8	5409498.7	75791.10156	302.49	0	48.838445	-86.936237	56111.90	56246.7	3.30	56115.20	56115.19922	56105.24249	56105.24219	504678.8	5409498.7
T9500.0	504677.0	5409498.7	75791.20313	302.80	0	48.838445	-86.936262	56112.18	56246.7	3.29	56115.47	56115.46875	56111.47789	56111.47656	504677.0	5409498.7
T9500.0	504677.0	5409498.7	75791.29688	303.69	0	48.838445	-86.936262	56112.02	56246.7	3.29	56115.31	56115.30859	56110.31227	56110.31250	504677.0	5409498.7
T9500.0	504675.4	5409498.8	75791.39844	304.61	0	48.838446	-86.936284	56112.42	56246.7	3.29	56115.71	56115.71094	56119.03488	56119.03516	504675.4	5409498.8
T9500.0	504674.0	5409498.9	75791.50000	302.17	0	48.838446	-86.936303	56112.10	56246.7	3.29	56115.38	56115.37891	56115.00360	56115.00391	504674.0	5409498.9
T9500.0	504674.0	5409498.9	75791.60156	305.00	0	48.838446	-86.936303	56112.22	56246.7	3.28	56115.50	56115.50000	56118.99471	56118.99609	504674.0	5409498.9
T9500.0	504672.6	5409498.9	75791.70313	304.20	0	48.838447	-86.936322	56111.90	56246.7	3.28	56115.18	56115.17969	56115.24271	56115.24219	504672.6	5409498.9
T9500.0	504671.5	5409499.0	75791.79688	303.96	0	48.838448	-86.936337	56112.06	56246.7	3.28	56115.34	56115.33984	56120.14133	56120.14063	504671.5	5409499.0
T9500.0	504671.5	5409499.0	75791.89844	304.03	0	48.838448	-86.936337	56112.02	56246.7	3.27	56115.30	56115.30078	56121.56429	56121.56250	504671.5	5409499.0
T9500.0	504669.7	5409499.0	75792.00000	305.03	0	48.838448	-86.936361	56111.77	56246.7	3.27	56115.04	56115.03906	56119.10099	56119.10156	504669.7	5409499.0
T9500.0	504668.4	5409499.1	75792.10156	302.36	0	48.838449	-86.936380	56111.84	56246.7	3.27	56115.12	56115.12109	56122.88393	56122.88281	504668.4	5409499.1
T9500.0	504668.4	5409499.1	75792.20313	302.39	0	48.838449	-86.936380	56111.59	56246.7	3.28	56114.87	56114.87109	56120.74314	56120.74219	504668.4	5409499.1
T9500.0	504666.8	5409499.1	75792.29688	301.32	0	48.838449	-86.936401	56111.46	56246.7	3.28	56114.74	56114.73828	56120.86004	56120.85938	504666.8	5409499.1
T9500.0	504665.5	5409499.2	75792.39844	300.60	0	48.838449	-86.936419	56111.39	56246.7	3.29	56114.67	56114.67188	56122.15480	56122.15625	504665.5	5409499.2
T9500.0	504664.0	5409499.2	75792.50000	302.45	0	48.838449	-86.936439	56111.41	56246.7	3.29	56114.70	56114.69922	56125.38656	56125.38672	504664.0	5409499.2
T9500.0	504664.0	5409499.2	75792.60156	302.66	0	48.838449	-86.936439	56110.91	56246.7	3.29	56114.20	56114.19922	56118.73525	56118.73438	504664.0	5409499.2
T9500.0	504662.2	5409499.2	75792.70313	301.79	0	48.838450	-86.936464	56110.78	56246.7	3.30	56114.07	56114.07031	56119.02566	56119.02734	504662.2	5409499.2
T9500.0	504661.1	5409499.2	75792.79688	302.70	0	48.838450	-86.936478	56110.61	56246.7	3.30	56113.91	56113.91016	56118.76149	56118.76172	504661.1	5409499.2
T9500.0	504660.1	5409499.2	75792.89844	303.31	0	48.838450	-86.936493	56110.20	56246.7	3.31	56113.50	56113.50000	56113.71684	56113.71875	504660.1	5409499.2
T9500.0	504660.1	5409499.2	75793.00000	303.56	0	48.838450	-86.936493	56109.95	56246.7	3.31	56113.26	56113.26172	56111.87910	56111.87891	504660.1	5409499.2
T9500.0	504658.6	5409499.2	75793.10156	303.71	0	48.838450	-86.936513	56109.79	56246.7	3.31	56113.10	56113.10156	56111.54479	56111.54297	504658.6	5409499.2
T9500.0	504658.6	5409499.2	75793.20313	303.11	0	48.838450	-86.936513	56109.77	56246.7	3.31	56113.08	56113.07813	56113.87458	56113.87500	504658.6	5409499.2
T9500.0	504656.9	5409499.3	75793.29688	303.37	0	48.838451	-86.936536	56109.34	56246.7	3.31	56112.65	56112.64844	56108.23746	56108.23828	504656.9	5409499.3
T9500.0	504655.4	5409499.3	75793.39844	305.48	0	48.838451	-86.936557	56108.88	56246.7	3.31	56112.19	56112.19141	56101.92155	56101.92188	504655.4	5409499.3
T9500.0	504655.4	5409499.3	75793.50000	307.37	0	48.838451	-86.936557	56108.98	56246.7	3.31	56112.29	56112.28906	56106.41794	56106.41797	504655.4	5409499.3
T9500.0	504653.8	5409499.4	75793.60156	308.64	0	48.838451	-86.936578	56108.94	56246.7	3.31	56112.25	56112.25000	56108.13935	56108.14063	504653.8	5409499.4
T9500.0	504652.4	5409499.4	75793.70313	305.77	0	48.838451	-86.936598	56109.04	56246.7	3.31	56112.35	56112.35156	56112.58109	56112.58203	504652.4	5409499.4
T9500.0	504651.3	5409499.4	75793.79688	303.88	0	48.838452	-86.936612	56108.73	56246.7	3.31	56112.04	56112.03906	56108.84035	56108.83984	504651.3	5409499.4
T9500.0	504649.8	5409499.4	75793.89844	305.05	0	48.838452	-86.936633	56108.68	56246.7	3.31	56111.99	56111.98828	56110.20566	56110.20703	504649.8	5409499.4
T9500.0	504648.4	5409499.5	75794.00000	304.39	0	48.838452	-86.936652	56108.36	56246.7	3.31	56111.67	56111.67188	56105.98973	56105.98828	504648.4	5409499.5
T9500.0	504648.4	5409499.5	75794.10156	303.03	0	48.838452	-86.936652	56108.13	56246.7	3.31	56111.43	56111.42969	56103.23191	56103.23047	504648.4	5409499.5
T9500.0	504647.2	5409499.5	75794.20313	302.76	0	48.838452	-86.936668	56108.31	56246.7	3.31	56111.61	56111.60938	56109.29433	56109.29297	504647.2	5409499.5
T9500.0	504645.5	5409499.5	75794.29688	303.80	0	48.838452	-86.936691	56108.36	56246.7	3.31	56111.66	56111.66016	56112.74111	56112.74219	504645.5	5409499.5
T9500.0	504644.4	5409499.5	75794.39844	303.54	0	48.838452	-86.936707	56108.31	56246.7	3.31	56111.61	56111.60938	56114.08228	56114.08203	504644.4	5409499.5
T9500.0	504644.4	5409499.5	75794.50000	301.92	0	48.838452	-86.936707	56108.11	56246.7	3.31	56111.41	56111.41016	56112.02042	56112.01953	504644.4	5409499.5
T9500.0	504643.0	5409499.5	75794.60156	301.30	0	48.838452	-86.936725	56108.15	56246.7	3.30	56111.45	56111.44922	56115.51568	56115.51563	504643.0	5409499.5
T9500.0	504641.9	5409499.5	75794.70313	301.28	0	48.838452	-86.936741	56108.07	56246.7	3.30	56111.38	56111.37891	56116.53063	56116.53125	504641.9	5409499.5
T9500.0	504641.9	5409499.5	75794.79688	301.87	0	48.838452	-86.936741	56107.87	56246.7	3.30	56111.17	56111.17188	56114.12906	56114.12891	504641.9	5409499.5
T9500.0	504640.5	5409499.5	75794.89844	304.17	0	48.838452	-86.936759	56107.81	56246.7	3.30	56111.11	56111.10938	56115.44761	56115.44922	504640.5	5409499.5

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
T9500.0	504639.4	5409499.5	75795.00000	304.93	0	48.838452	-86.936775	56107.97	56246.7	3.30	56111.27	56111.26953	56122.60174	56122.60156	504639.4	5409499.5
T9500.0	504639.4	5409499.5	75795.10156	307.54	0	48.838452	-86.936775	56107.84	56246.7	3.30	56111.14	56111.14063	56122.37194	56122.37109	504639.4	5409499.5
T9500.0	504638.0	5409499.5	75795.20313	308.14	0	48.838452	-86.936793	56107.87	56246.7	3.29	56111.16	56111.16016	56126.24509	56126.24609	504638.0	5409499.5
T9500.0	504636.7	5409499.5	75795.29688	308.52	0	48.838452	-86.936811	56107.12	56246.7	3.29	56110.41	56110.41016	56108.84270	56108.84375	504636.7	5409499.5
T9500.0	504635.8	5409499.5	75795.39844	307.55	0	48.838452	-86.936824	56106.96	56246.7	3.28	56110.24	56110.23828	56107.25544	56107.25391	504635.8	5409499.5
T9500.0	504635.8	5409499.5	75795.50000	309.17	0	48.838452	-86.936824	56107.36	56246.7	3.28	56110.64	56110.64063	56122.08494	56122.08594	504635.8	5409499.5
T9500.0	504634.3	5409499.4	75795.60156	308.68	0	48.838452	-86.936845	56107.19	56246.7	3.27	56110.46	56110.46094	56120.40303	56120.40234	504634.3	5409499.4
T9500.0	504633.1	5409499.4	75795.70313	307.99	0	48.838452	-86.936860	56107.17	56246.7	3.26	56110.43	56110.42969	56123.09357	56123.09375	504633.1	5409499.4
T9500.0	504633.1	5409499.4	75795.79688	307.55	0	48.838452	-86.936860	56106.64	56246.7	3.26	56109.90	56109.89844	56110.91046	56110.91016	504633.1	5409499.4
T9500.0	504631.9	5409499.4	75795.89844	307.93	0	48.838452	-86.936877	56106.47	56246.7	3.25	56109.73	56109.73047	56109.32644	56109.32813	504631.9	5409499.4
T9500.0	504630.7	5409499.4	75796.00000	307.15	0	48.838452	-86.936893	56106.31	56246.8	3.25	56109.56	56109.55859	56107.70985	56107.71094	504630.7	5409499.4
T9500.0	504630.7	5409499.4	75796.10156	308.32	0	48.838452	-86.936893	56106.18	56246.7	3.25	56109.43	56109.42969	56107.25673	56107.25781	504630.7	5409499.4
T9500.0	504629.4	5409499.4	75796.20313	309.04	0	48.838452	-86.936911	56105.98	56246.7	3.25	56109.23	56109.23047	56104.68281	56104.68359	504629.4	5409499.4
T9500.0	504628.5	5409499.4	75796.29688	307.54	0	48.838452	-86.936924	56105.42	56246.7	3.25	56108.67	56108.67188	56091.47678	56091.47656	504628.5	5409499.4
T9500.0	504628.5	5409499.4	75796.39844	306.93	0	48.838452	-86.936924	56105.27	56246.7	3.25	56108.52	56108.51953	56090.43043	56090.42969	504628.5	5409499.4
T9500.0	504627.6	5409499.4	75796.50000	306.54	0	48.838452	-86.936935	56105.09	56246.7	3.26	56108.34	56108.33984	56088.48967	56088.48828	504627.6	5409499.4
T9500.0	504626.6	5409499.4	75796.60156	307.15	0	48.838451	-86.936949	56105.42	56246.7	3.26	56108.67	56108.67188	56101.10576	56101.10547	504626.6	5409499.4
T9500.0	504626.6	5409499.4	75796.70313	306.20	0	48.838451	-86.936949	56105.53	56246.7	3.26	56108.78	56108.78125	56107.15236	56107.15234	504626.6	5409499.4
T9500.0	504625.4	5409499.3	75796.79688	306.54	0	48.838451	-86.936965	56105.82	56246.7	3.26	56109.08	56109.07813	56118.32962	56118.32813	504625.4	5409499.3
T9500.0	504624.4	5409499.3	75796.89844	306.39	0	48.838451	-86.936980	56105.75	56246.7	3.26	56109.01	56109.01172	56118.98681	56118.98828	504624.4	5409499.3
T9500.0	504623.5	5409499.3	75797.00000	306.30	0	48.838451	-86.936991	56105.32	56246.7	3.26	56108.58	56108.57813	56109.63608	56109.63672	504623.5	5409499.3
T9500.0	504623.5	5409499.3	75797.10156	305.71	0	48.838451	-86.936991	56104.86	56246.7	3.26	56108.12	56108.12109	56099.46259	56099.46094	504623.5	5409499.3
T9500.0	504622.4	5409499.2	75797.20313	306.49	0	48.838450	-86.937007	56104.96	56246.7	3.25	56108.21	56108.21094	56104.47079	56104.47266	504622.4	5409499.2
T9500.0	504621.5	5409499.2	75797.29688	305.57	0	48.838450	-86.937018	56105.07	56246.7	3.25	56108.32	56108.32031	56110.04339	56110.04297	504621.5	5409499.2
T9500.0	504620.4	5409499.2	75797.39844	304.42	0	48.838450	-86.937034	56105.04	56246.8	3.25	56108.29	56108.28906	56111.75143	56111.75000	504620.4	5409499.2
T9500.0	504620.4	5409499.2	75797.50000	306.70	0	48.838450	-86.937034	56105.02	56246.8	3.25	56108.26	56108.26172	56113.49887	56113.50000	504620.4	5409499.2
T9500.0	504619.4	5409499.2	75797.60156	304.69	0	48.838450	-86.937047	56104.88	56246.8	3.24	56108.13	56108.12891	56112.44363	56112.44531	504619.4	5409499.2
T9500.0	504618.7	5409499.2	75797.70313	306.00	0	48.838450	-86.937057	56104.87	56246.8	3.24	56108.11	56108.10938	56114.56974	56114.57031	504618.7	5409499.2
T9500.0	504618.7	5409499.2	75797.79688	305.39	0	48.838450	-86.937057	56104.86	56246.8	3.24	56108.10	56108.10156	56117.05148	56117.05078	504618.7	5409499.2
T9500.0	504616.9	5409499.2	75797.89844	305.95	0	48.838450	-86.937081	56104.98	56246.8	3.23	56108.22	56108.21875	56123.38059	56123.37891	504616.9	5409499.2
T9500.0	504616.9	5409499.2	75798.00000	307.07	0	48.838450	-86.937081	56104.74	56246.8	3.23	56107.97	56107.96875	56118.96696	56118.96875	504616.9	5409499.2
T9500.0	504615.9	5409499.2	75798.10156	307.67	0	48.838450	-86.937095	56104.66	56246.8	3.23	56107.89	56107.89063	56119.52722	56119.52734	504615.9	5409499.2
T9500.0	504614.9	5409499.2	75798.20313	309.99	0	48.838450	-86.937108	56104.48	56246.8	3.24	56107.72	56107.71875	56117.48557	56117.48438	504614.9	5409499.2
T9500.0	504614.2	5409499.2	75798.29688	308.57	0	48.838450	-86.937117	56104.21	56246.8	3.24	56107.45	56107.44922	56112.60428	56112.60547	504614.2	5409499.2
T9500.0	504614.2	5409499.2	75798.39844	309.94	0	48.838450	-86.937117	56103.65	56246.8	3.25	56106.90	56106.89844	56099.88786	56099.88672	504614.2	5409499.2
T9500.0	504614.2	5409499.2	75798.50000	312.10	0	48.838450	-86.937117	56103.42	56246.8	3.25	56106.67	56106.67188	56096.52742	56096.52734	504614.2	5409499.2
T9500.0	504613.1	5409499.2	75798.60156	309.74	0	48.838450	-86.937133	56103.39	56246.7	3.25	56106.64	56106.64063	56098.81087	56098.81250	504613.1	5409499.2
T9500.0	504612.2	5409499.3	75798.70313	309.01	0	48.838451	-86.937145	56103.32	56246.7	3.26	56106.58	56106.57813	56100.21555	56100.21484	504612.2	5409499.3
T9500.0	504612.2	5409499.3	75798.79688	307.28	0	48.838451	-86.937145	56103.29	56246.7	3.26	56106.55	56106.55078	56102.34155	56102.33984	504612.2	5409499.3
T9500.0	504611.2	5409499.3	75798.89844	308.12	0	48.838451	-86.937159	56103.68	56246.7	3.27	56106.95	56106.94922	56115.39852	56115.39844	504611.2	5409499.3
T9500.0	504610.5	5409499.3	75799.00000	306.45	0	48.838451	-86.937169	56103.24	56246.7	3.27	56106.51	56106.51172	56106.70943	56106.71094	504610.5	5409499.3
T9500.0	504609.9	5409499.3	75799.10156	305.59	0	48.838451	-86.937177	56103.20	56246.7	3.27	56106.46	56106.46094	56107.92562	56107.92578	504609.9	5409499.3
T9500.0	504609.9	5409499.3	75799.20313	303.12	0	48.838451	-86.937177	56102.86	56246.7	3.27	56106.13	56106.12891	56102.27150	56102.27344	504609.9	5409499.3
T9500.0	504609.0	5409499.4	75799.29688	302.97	0	48.838452	-86.937189	56102.82	56246.7	3.26	56106.08	56106.07813	56103.36592	56103.36719	504609.0	5409499.4
T9500.0	504608.2	5409499.4	75799.39844	301.41	0	48.838452	-86.937200	56102.79	56246.7	3.26	56106.05	56106.05078	56104.78530	56104.78516	504608.2	5409499.4
T9500.0	504608.2	5409499.4	75799.50000	301.36	0	48.838452	-86.937200	56102.51	56246.7	3.26	56105.77	56105.76953	56100.35661	56100.35547	504608.2	5409499.4
T9500.0	504607.6	5409499.4	75799.60156	301.04	0	48.838452	-86.937209	56102.41	56246.7	3.26	56105.66	56105.66016	56099.76804	56099.76953	504607.6	5409499.4
T9500.0	504606.9	5409499.5	75799.60156	301.04	0	48.838452	-86.937218	56102.20	56246.7	3.26	56105.46	56105.46094	56097.07455	56097.07422	504606.9	5409499.5
T9500.0	504606.9	5409499.5	75799.79688	299.99	0	48.838452	-86.937218	56102.38	56246.7	3.25	56105.64	56105.64063	56102.69863	56102.69922	504606.9	5409499.5
T9500.0	504606.3	5409499.5	75799.79688	301.83	0	48.838453	-86.937226	56102.44	56246.7	3.25	56105.69	56105.69141	56105.29826	56105.29688	504606.3	5409499.5
T9500.0	504605.6	5409499.5	75800.00000	303.06	0	48.838453	-86.937235	56102.46	56246.8	3.25	56105.71	56105.71094	56107.14528	56107.14453	504605.6	5409499.5
T9500.0	504605.1	5409499.5	75800.10156	304.56	0	48.838453	-86.937242	56102.74	56246.7	3.25	56105.99	56105.98828	56114.68885	56114.68750	504605.1	5409499.5
T9500.0	504605.1	5409499.5	75800.20313	306.41	0	48.838453	-86.937242	56102.64	56246.7	3.25	56105.90	56105.89844	56114.04057	56114.03906	504605.1	5409499.5
T9500.0	504604.4	5409499.5	75800.29688	307.34	0	48.838453	-86.937251	56102.54	56246.7	3.26	56105.79	56105.78906	56112.90193	56112.90234	504604.4	5409499.5
T9500.0	504603.9	5409499.6	75800.39844	306.98	0	48.838453	-86.937259	56102.11	56246.7	3.26	56105.36	56105.35938	56104.39050	56104.39063	504603.9	5409499.6
T9500.0	504603.5	5409499.6	75800.50000	306.30	0	48.838453	-86.937264	56101.98	56246.7	3.26	56105.24	56105.23828	56102.80411	56102.80469	504603.5	5409499.6
T9500.0	504603.5	5409499.6	75800.60156	307.77	0	48.838453	-86.937264	56101.54	56246.7	3.26	56104.80	56104.80078	56093.61108	56093.60938	504603.5	5409499.6
T9500.0	504602.8	5409499.6	75800.70313	307.31	0	48.838453	-86.937274	56101.75	56246.7	3.26	56105.01	56105.01172	56099.69159	56099.69141	504602.8	5409499.6
T9500.0	504602.8	5409499.6	75800.79688	308.91	0	48.838453	-86.937274	56101.76	56246.7	3.27	56105.02	56105.01953	56101.11151	56101.11328	504602.8	5409499.6
T9500.0	504602.2	5409499.5	75800.89844	309.06	0	48.838453	-86.937281	56101.88	56246.7	3.27	56105.14	56105.14063	56105.28393	56105.28516	504602.2	5409499.5
T9500.0	504601.7	5409499.5	75801.00000	308.51	0	48.838453	-86.937288	56101.98	56246.7	3.27	56105.25	56105.25000	56109.30793	56109.30859	504601.7	5409499.5
T9500.0	504601.2	5409499.5	75801.10156	306.37	0	48.838453	-86.937295	56101.81	56246.7	3.27	56105.08	56105.07813	56106.42999	56106.42969	504601.2	5409499.5
T9500.0	504601.2	5409499.5	75801.20313	304.95	0	48.838453	-86.937295	56101.88	56246.7	3.27	56105.14	56105.14063	56109.26881	56109.26953	504601.2	5409499.5
T9500.0	504600.9	5409499.5	75801.29688	305.03	0	48.838453	-86.937300	56101.93	56246.7	3.26	56105.19	56105.19141	56111.85000	56111.85156	504600.9	5409499.5
T9500.0	504600.4	5409499.5	75801.39844	305.63	0	48.838452	-86.937306	56101.96	56246.7	3.26	56105.22	56105.21875	56113.88121	56113.88281	504600.4	5409499.5
T9500.0	504600.4	5409499.5	75801.50000	304.85	0	48.838452	-86.937306	56101.49	56246.7	3.26	56104.75	56104.75000	56103.55629	56103.55469	504600.4	5409499.5
T9500.0	504600.0	5409499.4	75801.60156	303.46	0	48.838452	-86.937311	56101.58	56246.7	3.26	56104.84	56104.83984	56106.99181	56106.99219	504600.0	5409499.4
T9500.0	504599.6	5409499.4	75801.70313	304.86	0	48.838452	-86.937316	56101.52	56246.7	3.26	56104.78	56104.78125	56106.68508	56106.68359	504599.6	5409499.4
T9500.0	504599.3	5409499.4	75801.79688	303.92	0	48.838452	-86.937321	56101.73	56246.7	3.25	56104.98	56104.98047	56112.45127	56112.45313	504599.3	5409499.4
T9500.0	504599.3	5409499.4	75801.89844	301.68	0	48.838452	-86.937321	56101.72	56246.7	3.25	56104.97	56104.96875	56113.06218	56113.06250	504599.3	5409499.4
T9500.0	504599.0	5409499.3	75802.00000	300.57	0	48.838451	-86.937326	56101.53	56246.8	3.25	56104.78	56104.78125	56109.38562	56109.38672	504599.0	5409499.3
T9500.0	504598.6	5409499.3	75802.10156	300.83	0	48.838451	-86.937330	56101.42	56246.8	3.25	56104.67	56104.67188	56107.47634	56107.47656	504598.6	5409499.3
T9500.0	504598.6	5409499.3	75802.20313	301.02	0	48.838451	-86.937330	56101.38	56246.8	3.25	56104.63	56104.62891	56107.02386	56107.02344	504598.6	5409499.3
T9500.0	504598.3	5409499.3	75802.29688	303.69	0	48.838451	-86.937334	56101.02	56246.8	3.25	56104.27	56104.26953	56099.26071	56099.26172	504598.3	5409499.3
T9500.0	504598.2	5409499.3	75802.39844	304.00	0	48.838451	-86.937337	56100.74	56246.8	3.25	56103.99	56103.98828	56093.20525	56093.20703	504598.2	5409499.3
T9500.0	504597.9	5409499.3	75802.50000	305.41	0	48.838451	-86.937340	56100.84	56246.8	3.25	56104.09	56104.08984	56095.36444	56095.36328	504597.9	5409499.3
T9500.0	504597.9	5409499.3	75802.60156	309.43	0	48.838451	-86.937340	56100.69	56246.8	3.25	56103.94	56103.94141	56091.80128	56091.80078	504597.9	5409499.3
T9500.0	504597.7	5409499.3	75802.70313	308.11	0	48.838451	-86.937343	56100.78	56246.8	3.25	56104.03	56104.03125	56093.25295	56093.25391	504597.7	5409499.3
T9500.0	504597.5	5409499.3	75802.79688	305.06	0	48.838451	-86.937346	56100.41	56246.8	3.25	56103.66	56103.66016	56084.46711	56084.46875	504597.5	5409499.3
T9500.0	504597.3	5409499.2	75802.89844	304.02	0	48.838451	-86.937348	56100.34	56246.8	3.25	56103.59	56103.58984	56081.98060	56081.98047	504597.3	5409499.2
T9500.0	504597.3	5409499.2	75803.00000	305.23	0	48.838451	-86.937348	56100.64	56246.8	3.25	56103.89	56103.89063	56087.29264	56087.29297	504597.3	5409499.2
T9500.0	504597.1	5409499.2	75803.10156	300.75	0	48.838451	-86.937350	56101.09	56246.8	3.25	56104.34	56104.33984	56095.64732	56095.64844	504597.1	5409499.2
T9500.0	504597.0	5409499.2	75803.20313	299.43	0	48.838451	-86.937352	56101.76	56246.8	3.25	56105.01	56105.01172	56108.57791	56108.57813	504597.0	5409499.2
T9500.0	504597.0	5409499.2	75803.29688	298.75	0	48.838451	-86.937352	56102.18	56246.8	3.25	56105.43	56105.42969	56115.90956	56115.91016	504597.0	5409499.2
T9500.0	504597.0	5409499.2	75803.39844	297.66	0	48.838451	-86.937352	56102.38	56246.8	3.25	56105.63	56105.62891	56118.31749	56118.31641	504597.0	5409499.2
T9500.0	504597.0	5409499.2	75803.50000	300.56	0	48.838451	-86.937353	56102.43	56246.8	3.25	56105.68	56105.67969	56117.36108	56117.35938	504597.0	5409499.2
T9500.0	504596.9	5409499.2	75803.60156	303.33	0	48.838450	-86.937354	56102.44	56246.8	3.25	56105.69	56105.69141	56115.45833	56115.45703	504596.9	5409499.2
T9500.0	504596.8	5409499.2	75803.70313	305.89	0	48.838450	-86.937355	56102.38	56246.8	3.25	56105.63	56105.62891	56112.01501	56112.01563	504596.8	5409499.2
T9500.0	504596.8	5409499.2	75803.79688	307.76	0	48.838450	-86.937355	56102.58	56246.8	3.25	56105.83	56105.82813	56114.08547	56114.08594	504596.8	5409499.2
T9500.0	504596.7	5409499.2	75803.89844	308.14	0	48.838450	-86.937356	56102.61	56246.8	3.25	56105.86	56105.85938	56112.54502	56112.54688	504596.7	5409499.2
T9500.0	504596.6	5409499.2	75804.00000	309.31	0	48.838450	-86.937357	56102.51	56246.8	3.25	56105.76	56105.76172	56108.32903	56108.32813	504596.6	5409499.2
T9500.0	504596.6	5409499.2	75804.10156	306.69	0	48.838450	-86.937357	56102.56	56246.7	3.25	56105.81	56105.80859	56107.33727	56107.33594	504596.6	5409499.2
T9500.0	504596.5	5409499.2	75804.20313	303.74	0	48.838450	-86.937359	56102.84	56246.7	3.25	56106.09	56106.08984	56111.16023	56111.16016	504596.5	5409499.2

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
T9500.0	504596.5	5409499.2	75804.29688	303.61	0	48.838450	-86.937360	56103.04	56246.7	3.25	56106.30	56106.30078	56113.57001	56113.57031	504596.5	5409499.2
T9500.0	504596.5	5409499.2	75804.39844	305.44	0	48.838450	-86.937360	56102.71	56246.7	3.25	56105.97	56105.96875	56105.17247	56105.17188	504596.5	5409499.2
T9500.0	504596.4	5409499.2	75804.50000	304.71	0	48.838450	-86.937361	56102.46	56246.7	3.26	56105.71	56105.71094	56098.49632	56098.49609	504596.4	5409499.2
T9500.0	504596.3	5409499.2	75804.60156	303.50	0	48.838450	-86.937363	56102.54	56246.7	3.26	56105.80	56105.80078	56098.98134	56098.98047	504596.3	5409499.2
T9500.0	504596.2	5409499.2	75804.70313	304.54	0	48.838450	-86.937364	56103.14	56246.7	3.26	56106.39	56106.39063	56109.16615	56109.16797	504596.2	5409499.2
T9500.0	504596.2	5409499.2	75804.79688	303.45	0	48.838450	-86.937364	56103.09	56246.7	3.26	56106.35	56106.35156	56107.26452	56107.26563	504596.2	5409499.2
T9500.0	504596.0	5409499.2	75804.89844	303.86	0	48.838450	-86.937365	56103.20	56246.7	3.26	56106.45	56106.44922	56108.12569	56108.12500	504596.0	5409499.2
T9500.0	504595.9	5409499.2	75805.00000	302.36	0	48.838450	-86.937367	56103.07	56246.7	3.26	56106.33	56106.32813	56105.12081	56105.12109	504595.9	5409499.2
T9500.0	504595.9	5409499.2	75805.10156	301.68	0	48.838450	-86.937367	56103.35	56246.7	3.26	56106.61	56106.60938	56109.32047	56109.32031	504595.9	5409499.2
T9500.0	504595.8	5409499.2	75805.20313	304.38	0	48.838450	-86.937369	56103.35	56246.7	3.26	56106.60	56106.60156	56108.47169	56108.47266	504595.8	5409499.2
T9500.0	504595.6	5409499.2	75805.29688	303.76	0	48.838450	-86.937371	56103.27	56246.7	3.25	56106.52	56106.51953	56106.60126	56106.60156	504595.6	5409499.2
T9500.0	504595.6	5409499.2	75805.39844	301.59	0	48.838450	-86.937371	56103.62	56246.7	3.25	56106.87	56106.87109	56111.64483	56111.64453	504595.6	5409499.2
T9500.0	504595.4	5409499.2	75805.50000	302.02	0	48.838450	-86.937374	56103.35	56246.8	3.25	56106.60	56106.60156	56107.00572	56107.00391	504595.4	5409499.2
T9500.0	504595.3	5409499.1	75805.60156	303.25	0	48.838450	-86.937376	56103.50	56246.8	3.25	56106.74	56106.73828	56108.66493	56108.66406	504595.3	5409499.1
T9500.0	504595.1	5409499.1	75805.70313	302.50	0	48.838449	-86.937378	56103.29	56246.8	3.25	56106.54	56106.53906	56105.49577	56105.49609	504595.1	5409499.1
T9500.0	504595.0	5409499.1	75805.79688	300.68	0	48.838449	-86.937380	56103.52	56246.8	3.24	56106.77	56106.76953	56108.26340	56108.26172	504595.0	5409499.1
T9500.0	504595.0	5409499.1	75805.89844	300.54	0	48.838449	-86.937380	56103.42	56246.8	3.24	56106.66	56106.66016	56106.49061	56106.49219	504595.0	5409499.1
T9500.0	504594.9	5409499.1	75806.00000	300.89	0	48.838449	-86.937381	56103.64	56246.8	3.24	56106.88	56106.87891	56108.79224	56108.79297	504594.9	5409499.1
T9500.0	504594.7	5409499.1	75806.10156	301.25	0	48.838449	-86.937384	56103.68	56246.8	3.24	56106.92	56106.92188	56108.78506	56108.78516	504594.7	5409499.1
T9500.0	504594.6	5409499.1	75806.20313	300.19	0	48.838449	-86.937386	56103.47	56246.8	3.24	56106.71	56106.71094	56106.06585	56106.06641	504594.6	5409499.1
T9500.0	504594.3	5409499.1	75806.29688	302.06	0	48.838449	-86.937389	56103.84	56246.8	3.24	56107.09	56107.08984	56109.50900	56109.50781	504594.3	5409499.1
T9500.0	504594.3	5409499.1	75806.39844	300.86	0	48.838449	-86.937389	56103.55	56246.8	3.24	56106.79	56106.78906	56106.12482	56106.12500	504594.3	5409499.1
T9500.0	504594.2	5409499.1	75806.50000	302.24	0	48.838449	-86.937391	56103.75	56246.8	3.24	56107.00	56107.00000	56107.55985	56107.55859	504594.2	5409499.1
T9500.0	504594.0	5409499.1	75806.60156	301.62	0	48.838449	-86.937394	56103.60	56246.8	3.25	56106.85	56106.85156	56105.88877	56105.89063	504594.0	5409499.1
T9500.0	504594.0	5409499.1	75806.70313	299.78	0	48.838449	-86.937394	56103.74	56246.8	3.25	56106.99	56106.98828	56106.55923	56106.55859	504594.0	5409499.1
T9500.0	504593.8	5409499.1	75806.79688	299.23	0	48.838449	-86.937397	56103.88	56246.8	3.25	56107.13	56107.12891	56078.33733	56078.33594	504593.8	5409499.1
T9500.0	504593.6	5409499.1	75806.89844	298.70	0	48.838449	-86.937399	56104.41	56246.8	3.25	56107.66	56107.66016	56132.87197	56132.87109	504593.6	5409499.1
T9500.0	504593.6	5409499.1	75807.00000	299.72	0	48.838449	-86.937399	56104.10	56246.8	3.25	56107.35	56107.35156	56099.73062	56099.73047	504593.6	5409499.1
T9500.0	504593.4	5409499.1	75807.10156	300.45	0	48.838449	-86.937402	56103.83	56246.8	3.25	56107.08	56107.07813	56104.69215	56104.69141	504593.4	5409499.1
T9500.0	504593.1	5409499.1	75807.20313	298.24	0	48.838450	-86.937405	56103.97	56246.8	3.25	56107.22	56107.21875	56110.33693	56110.33594	504593.1	5409499.1
T9500.0	504593.1	5409499.1	75807.29688	296.43	0	48.838450	-86.937405	56103.98	56246.8	3.25	56107.23	56107.23047	56105.45026	56105.44922	504593.1	5409499.1
T9500.0	504592.9	5409499.1	75807.39844	295.77	0	48.838450	-86.937408	56104.36	56246.8	3.25	56107.61	56107.60938	56107.59675	56107.59766	504592.9	5409499.1
T9500.0	504592.7	5409499.2	75807.50000	295.70	0	48.838450	-86.937411	56104.56	56246.8	3.25	56107.81	56107.80859	56107.73650	56107.73828	504592.7	5409499.2
T9500.0	504592.5	5409499.2	75807.60156	297.48	0	48.838450	-86.937413	56104.81	56246.8	3.25	56108.06	56108.05859	56107.85505	56107.85547	504592.5	5409499.2
T9500.0	504592.5	5409499.2	75807.70313	297.45	0	48.838450	-86.937413	56105.14	56246.8	3.25	56108.39	56108.39063	56107.86446	56107.86328	504592.5	5409499.2
T9500.0	504592.4	5409499.2	75807.79688	295.94	0	48.838450	-86.937416	56105.07	56246.8	3.25	56108.32	56108.32031	56107.96288	56107.96094	504592.4	5409499.2
T9500.0	504592.2	5409499.2	75807.89844	298.10	0	48.838451	-86.937417	56105.16	56246.8	3.25	56108.41	56108.41016	56107.92205	56107.92188	504592.2	5409499.2
T9500.0	504592.2	5409499.2	75808.00000	295.66	0	48.838451	-86.937417	56105.14	56246.8	3.25	56108.39	56108.39063	56107.84180	56107.83984	504592.2	5409499.2
T9500.0	504592.1	5409499.3	75808.10156	297.17	0	48.838451	-86.937419	56105.57	56246.8	3.25	56108.82	56108.82031	56108.05138	56108.05078	504592.1	5409499.3
T9500.0	504591.9	5409499.3	75808.20313	294.29	0	48.838451	-86.937421	56105.90	56246.8	3.25	56109.15	56109.14844	56108.17174	56108.17188	504591.9	5409499.3
T9500.0	504591.9	5409499.3	75808.29688	294.09	0	48.838451	-86.937421	56105.92	56246.8	3.25	56109.17	56109.17188	56108.10857	56108.10938	504591.9	5409499.3
T9500.0	504591.8	5409499.3	75808.39844	294.71	0	48.838451	-86.937424	56106.54	56246.8	3.25	56109.78	56109.78125	56108.33161	56108.33203	504591.8	5409499.3
T9500.0	504591.6	5409499.3	75808.50000	293.17	0	48.838451	-86.937426	56106.03	56246.8	3.24	56109.27	56109.26953	56108.02822	56108.02734	504591.6	5409499.3
T9500.0	504591.5	5409499.3	75808.60156	290.15	0	48.838451	-86.937428	56106.27	56246.8	3.24	56109.52	56109.51953	56108.06585	56108.06641	504591.5	5409499.3
T9500.0	504591.5	5409499.3	75808.70313	290.28	0	48.838451	-86.937428	56106.20	56246.8	3.24	56109.45	56109.44922	56107.97799	56107.97656	504591.5	5409499.3
T9500.0	504591.3	5409499.3	75808.79688	289.90	0	48.838451	-86.937430	56106.69	56246.8	3.24	56109.93	56109.92969	56108.05338	56108.05469	504591.3	5409499.3
T9500.0	504591.2	5409499.3	75808.89844	289.61	0	48.838451	-86.937432	56106.69	56246.8	3.24	56109.93	56109.92969	56107.97566	56107.97656	504591.2	5409499.3
T9500.0	504591.2	5409499.3	75809.00000	288.65	0	48.838451	-86.937432	56106.93	56246.8	3.24	56110.17	56110.17188	56107.94599	56107.94531	504591.2	5409499.3
T9500.0	504591.1	5409499.3	75809.10156	290.59	0	48.838451	-86.937433	56107.17	56246.8	3.24	56110.41	56110.41016	56107.89909	56107.89844	504591.1	5409499.3
T9500.0	504590.9	5409499.3	75809.20313	291.13	0	48.838451	-86.937436	56107.04	56246.8	3.24	56110.27	56110.26953	56107.80839	56107.80859	504590.9	5409499.3
T9500.0	504590.9	5409499.3	75809.29688	291.65	0	48.838451	-86.937436	56107.35	56246.8	3.24	56110.58	56110.57813	56107.75301	56107.75391	504590.9	5409499.3
T9500.0	504590.8	5409499.3	75809.39844	291.01	0	48.838451	-86.937438	56107.04	56246.8	3.24	56110.27	56110.26953	56107.69202	56107.69141	504590.8	5409499.3
T9500.0	504590.6	5409499.3	75809.50000	292.07	0	48.838451	-86.937440	56107.17	56246.8	3.24	56110.40	56110.39844	56107.64258	56107.64063	504590.6	5409499.3
T9500.0	504590.4	5409499.3	75809.60156	292.74	0	48.838451	-86.937442	56107.21	56246.8	3.23	56110.45	56110.44922	56107.60287	56107.60156	504590.4	5409499.3
T9500.0	504590.4	5409499.3	75809.70313	290.45	0	48.838451	-86.937442	56107.68	56246.8	3.23	56110.91	56110.91016	56107.51325	56107.51172	504590.4	5409499.3
T9500.0	504590.2	5409499.2	75809.79688	291.71	0	48.838451	-86.937445	56107.82	56246.8	3.23	56111.05	56111.05078	56107.45896	56107.45703	504590.2	5409499.2
T9500.0	504590.0	5409499.2	75809.89844	289.18	0	48.838450	-86.937448	56107.29	56246.8	3.23	56110.52	56110.51953	56107.54515	56107.54688	504590.0	5409499.2
T9500.0	504589.8	5409499.2	75810.00000	286.94	0	48.838450	-86.937451	56107.95	56246.8	3.23	56111.18	56111.17969	56107.39097	56107.39063	504589.8	5409499.2
T9500.0	504589.8	5409499.2	75810.10156	285.19	0	48.838450	-86.937451	56107.44	56246.8	3.23	56110.67	56110.67188	56107.51697	56107.51563	504589.8	5409499.2
T9500.0	504589.6	5409499.2	75810.20313	284.42	0	48.838450	-86.937453	56107.02	56246.8	3.23	56110.25	56110.25000	56107.65140	56107.65234	504589.6	5409499.2
T9500.0	504589.4	5409499.2	75810.29688	284.94	0	48.838450	-86.937456	56107.04	56246.8	3.23	56110.26	56110.26172	56107.67705	56107.67578	504589.4	5409499.2
T9500.0	504589.4	5409499.2	75810.39844	285.15	0	48.838450	-86.937456	56107.35	56246.8	3.23	56110.57	56110.57031	56107.33198	56107.33203	504589.4	5409499.2
T9500.0	504589.2	5409499.1	75810.50000	285.62	0	48.838450	-86.937459	56107.39	56246.8	3.23	56110.61	56110.60938	56107.31050	56107.30859	504589.2	5409499.1
T9500.0	504589.0	5409499.1	75810.60156	285.97	0	48.838450	-86.937462	56107.95	56246.8	3.22	56111.17	56111.17188	56107.50058	56107.50000	504589.0	5409499.1
T9500.0	504588.8	5409499.1	75810.70313	286.49	0	48.838449	-86.937464	56107.79	56246.8	3.22	56111.02	56111.01953	56107.40117	56107.40234	504588.8	5409499.1
T9500.0	504588.8	5409499.1	75810.79688	287.29	0	48.838449	-86.937464	56108.16	56246.8	3.22	56111.38	56111.37891	56107.50203	56107.50391	504588.8	5409499.1
T9500.0	504588.6	5409499.1	75810.89844	287.16	0	48.838449	-86.937467	56108.40	56246.8	3.22	56111.62	56111.62109	56107.55184	56107.55078	504588.6	5409499.1
T9500.0	504588.4	5409499.1	75811.00000	287.76	0	48.838449	-86.937470	56108.33	56246.8	3.22	56111.55	56111.55078	56107.48487	56107.48438	504588.4	5409499.1
T9500.0	504588.1	5409499.0	75811.10156	288.47	0	48.838449	-86.937474	56108.25	56246.8	3.22	56111.47	56111.46875	56107.41607	56107.41797	504588.1	5409499.0
T9500.0	504588.1	5409499.0	75811.20313	287.30	0	48.838449	-86.937474	56107.87	56246.8	3.22	56111.09	56111.08984	56107.24603	56107.24609	504588.1	5409499.0
T9500.0	504587.9	5409499.0	75811.29688	287.69	0	48.838448	-86.937477	56108.15	56246.8	3.22	56111.37	56111.37109	56107.30222	56107.30078	504587.9	5409499.0
T9500.0	504587.6	5409499.0	75811.39844	287.98	0	48.838448	-86.937480	56108.66	56246.8	3.22	56111.88	56111.87891	56107.42380	56107.42188	504587.6	5409499.0
T9500.0	504587.6	5409499.0	75811.50000	286.09	0	48.838448	-86.937480	56108.48	56246.8	3.23	56111.70	56111.69922	56107.31333	56107.31250	504587.6	5409499.0
T9500.0	504587.3	5409498.9	75811.60156	286.77	0	48.838448	-86.937484	56108.63	56246.8	3.23	56111.86	56111.85938	56107.30018	56107.30078	504587.3	5409498.9
T9500.0	504587.3	5409498.9	75811.70313	287.10	0	48.838448	-86.937484	56108.28	56246.8	3.23	56111.50	56111.50000	56107.12457	56107.12500	504587.3	5409498.9
T9500.0	504587.1	5409498.9	75811.79688	286.54	0	48.838448	-86.937487	56108.61	56246.8	3.23	56111.84	56111.83984	56107.13321	56107.13281	504587.1	5409498.9
T9500.0	504586.8	5409498.9	75811.89844	285.80	0	48.838448	-86.937491	56109.27	56246.8	3.23	56112.50	56112.50000	56107.19583	56107.19531	504586.8	5409498.9
T9500.0	504586.8	5409498.9	75812.00000	282.98	0	48.838448	-86.937491	56109.57	56246.8	3.23	56112.80	56112.80078	56107.14096	56107.14063	504586.8	5409498.9
T9500.0	504586.6	5409498.9	75812.10156	280.52	0	48.838448	-86.937494	56109.06	56246.8	3.23	56112.29	56112.28906	56106.90299	56106.90234	504586.6	5409498.9
T9500.0	504586.4	5409498.9	75812.20313	280.82	0	48.838447	-86.937497	56109.32	56246.8	3.23	56112.55	56112.55078	56106.81804	56106.81641	504586.4	5409498.9
T9500.0	504586.4	5409498.9	75812.29688	281.09	0	48.838447	-86.937497	56109.64	56246.8	3.23	56112.87	56112.87109	56106.72653	56106.72656	504586.4	5409498.9
T9500.0	504586.2	5409498.8	75812.39844	281.49	0	48.838447	-86.937499	56109.59	56246.8	3.23	56112.82	56112.82031	56106.57264	56106.57422	504586.2	5409498.8
T9500.0	504586.0	5409498.8	75812.50000	281.78	0	48.838447	-86.937502	56109.59	56246.8	3.23	56112.82	56112.82031	56106.42904	56106.42969	504586.0	5409498.8
T9500.0	504585.8	5409498.8	75812.60156	280.70	0	48.838446	-86.937505	56109.12	56246.8	3.23	56112.35	56112.35156	56106.25552	56106.25391	504585.8	5409498.8
T9500.0	504585.6	5409498.7	75812.70313	279.89	0	48.838446	-86.937508	56109.80	56246.8	3.23	56113.03	56113.03125	56106.17160	56106.17188	504585.6	5409498.7
T9500.0	504585.6	5409498.7	75812.79688	280.67	0	48.838446	-86.937508	56109.74	56246.8	3.23	56112.97	56112.96875	56106.04296	56106.04297	504585.6	5409498.7
T9500.0	504585.4	5409498.6	75812.89844	281.60	0	48.838445	-86.937511	56110.48	56246.8	3.23	56113.71	56113.71094	56105.93275	56105.93359	504585.4	5409498.6
T9500.0	504585.4	5409498.6	75813.00000	281.45	0	48.838445	-86.937511	56110.35	56246.8	3.23	56113.58	56113.57813	56105.81283	56105.81250	504585.4	5409498.6
T9500.0	504585.1	5409498.6	75813.10156	277.68	0	48.838445	-86.937514	56110.68	56246.8	3.23	56113.91	56113.91016	56105.69537	56105.69531	504585.1	5409498.6
T9500.0	504584.9	5409498.5	75813.20313	278.99	0	48.838444	-86.937518	56110.94	56246.8	3.23	56114.17	56114.17188	56105.58197	56105.58203	504584.9	5409498.5
T9500.0	504584.9	5409498.5	75813.29688	277.62	0	48.838444	-86.937518	56110.88	56246.8	3.23	56114.11	56114.10938	56105.49398	56105.49219	504584.9	5409498.5
T9500.0	504584.7	5409498.5	75813.39844	278.46	0	48.838444	-86.937520	56110.86	56246.8	3.23	56114.09	56114.08984	56105.41850	56105.41797	504584.7	5409498.5
T9500.0	504584.5	5409498.4	75813.50000	276.69	0	48.838443	-86.937523	56110.86	56246.8	3.23	56114.09	56114.08984	56105.35471	56105.35547	504584.5	5409498.4

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
T9500.0	504584.5	5409498.4	75813.60156	274.87	0	48.838443	-86.937523	56111.06	56246.8	3.23	56114.29	56114.28906	56105.28279	56105.28125	504584.5	5409498.4
T9500.0	504584.2	5409498.4	75813.70313	275.23	0	48.838443	-86.937526	56111.49	56246.8	3.23	56114.72	56114.71875	56105.19176	56105.19141	504584.2	5409498.4
T9500.0	504584.0	5409498.3	75813.79688	275.58	0	48.838442	-86.937529	56111.44	56246.8	3.23	56114.67	56114.67188	56105.16175	56105.16016	504584.0	5409498.3
T9500.0	504584.0	5409498.3	75813.89844	277.74	0	48.838442	-86.937529	56111.54	56246.8	3.23	56114.77	56114.76953	56105.12239	56105.12109	504584.0	5409498.3
T9500.0	504583.8	5409498.3	75814.00000	277.92	0	48.838442	-86.937532	56111.49	56246.8	3.23	56114.72	56114.71875	56105.11067	56105.10938	504583.8	5409498.3
T9500.0	504583.6	5409498.2	75814.10156	277.58	0	48.838442	-86.937535	56111.46	56246.8	3.23	56114.69	56114.69141	56105.10446	56105.10547	504583.6	5409498.2
T9500.0	504583.4	5409498.2	75814.20313	278.83	0	48.838441	-86.937537	56111.95	56246.8	3.23	56115.17	56115.17188	56105.34047	56105.33984	504583.4	5409498.2
T9500.0	504583.4	5409498.2	75814.29688	278.81	0	48.838441	-86.937537	56112.15	56246.8	3.22	56115.37	56115.37109	56105.35233	56105.35156	504583.4	5409498.2
T9500.0	504583.2	5409498.1	75814.39844	276.67	0	48.838441	-86.937541	56111.90	56246.8	3.22	56115.12	56115.12109	56105.24822	56105.25000	504583.2	5409498.1
T9500.0	504583.2	5409498.1	75814.50000	277.10	0	48.838441	-86.937541	56111.79	56246.8	3.22	56115.01	56115.01172	56105.18449	56105.18359	504583.2	5409498.1
T9500.0	504583.0	5409498.1	75814.60156	276.59	0	48.838440	-86.937543	56111.90	56246.8	3.22	56115.12	56115.12109	56105.17913	56105.17969	504583.0	5409498.1
T9500.0	504582.9	5409498.1	75814.70313	275.29	0	48.838440	-86.937545	56112.24	56246.8	3.22	56115.46	56115.46094	56105.23096	56105.23047	504582.9	5409498.1
T9500.0	504582.6	5409498.1	75814.79688	276.70	0	48.838440	-86.937548	56112.48	56246.8	3.21	56115.69	56115.69141	56105.24978	56105.25000	504582.6	5409498.1
T9500.0	504582.4	5409498.1	75814.89844	276.76	0	48.838440	-86.937551	56112.20	56246.8	3.21	56115.41	56115.41016	56105.13350	56105.13281	504582.4	5409498.1
T9500.0	504582.4	5409498.1	75815.00000	277.89	0	48.838440	-86.937551	56112.83	56246.8	3.21	56116.04	56116.03906	56105.23810	56105.23828	504582.4	5409498.1
T9500.0	504582.2	5409498.1	75815.10156	277.35	0	48.838440	-86.937554	56112.58	56246.8	3.21	56115.79	56115.78906	56105.11408	56105.11328	504582.2	5409498.1
T9500.0	504582.0	5409498.1	75815.20313	277.24	0	48.838440	-86.937556	56113.00	56246.8	3.21	56116.21	56116.21094	56105.14329	56105.14453	504582.0	5409498.1
T9500.0	504582.0	5409498.1	75815.29688	275.55	0	48.838440	-86.937556	56113.12	56246.8	3.21	56116.32	56116.32031	56105.08494	56105.08594	504582.0	5409498.1
T9500.0	504581.8	5409498.1	75815.39844	276.54	0	48.838440	-86.937559	56113.62	56246.8	3.21	56116.82	56116.82031	56105.10329	56105.10156	504581.8	5409498.1
T9500.0	504581.6	5409498.1	75815.50000	278.16	0	48.838440	-86.937563	56113.66	56246.8	3.21	56116.87	56116.87109	56105.00315	56105.00391	504581.6	5409498.1
T9500.0	504581.4	5409498.1	75815.60156	276.00	0	48.838440	-86.937565	56113.74	56246.8	3.20	56116.94	56116.94141	56104.89521	56104.89453	504581.4	5409498.1
T9500.0	504581.4	5409498.1	75815.70313	274.75	0	48.838440	-86.937565	56114.12	56246.8	3.20	56117.32	56117.32031	56104.83842	56104.83984	504581.4	5409498.1
T9500.0	504581.2	5409498.1	75815.79688	276.75	0	48.838440	-86.937568	56114.50	56246.8	3.20	56117.70	56117.69922	56104.76265	56104.76172	504581.2	5409498.1
T9500.0	504581.0	5409498.1	75815.89844	276.62	0	48.838440	-86.937571	56114.45	56246.8	3.20	56117.65	56117.64844	56104.58680	56104.58594	504581.0	5409498.1
T9500.0	504581.0	5409498.1	75816.00000	274.66	0	48.838440	-86.937571	56114.47	56246.8	3.20	56117.67	56117.67188	56104.41480	56104.41406	504581.0	5409498.1
T9500.0	504580.7	5409498.1	75816.10156	274.33	0	48.838440	-86.937574	56113.76	56246.8	3.20	56116.96	56116.96094	56104.11212	56104.11328	504580.7	5409498.1
T9500.0	504580.6	5409498.0	75816.20313	274.98	0	48.838440	-86.937577	56113.75	56246.8	3.20	56116.94	56116.94141	56103.92565	56103.92578	504580.6	5409498.0
T9500.0	504580.6	5409498.0	75816.29688	274.31	0	48.838440	-86.937577	56113.94	56246.8	3.20	56117.14	56117.14063	56103.76470	56103.76563	504580.6	5409498.0
T9500.0	504580.3	5409498.0	75816.39844	273.99	0	48.838440	-86.937579	56114.14	56246.8	3.20	56117.34	56117.33984	56103.59307	56103.59375	504580.3	5409498.0
T9500.0	504580.1	5409498.0	75816.50000	273.67	0	48.838440	-86.937582	56114.09	56246.8	3.19	56117.29	56117.28906	56103.38188	56103.38281	504580.1	5409498.0
T9500.0	504580.0	5409498.0	75816.60156	272.38	0	48.838440	-86.937584	56114.32	56246.8	3.19	56117.52	56117.51953	56103.20105	56103.19922	504580.0	5409498.0
T9500.0	504580.0	5409498.0	75816.70313	271.98	0	48.838440	-86.937584	56114.25	56246.8	3.19	56117.44	56117.44141	56102.97981	56102.98047	504580.0	5409498.0
T9500.0	504579.8	5409498.1	75816.79688	272.89	0	48.838440	-86.937586	56114.35	56246.8	3.19	56117.54	56117.53906	56102.76485	56102.76563	504579.8	5409498.1
T9500.0	504579.7	5409498.1	75816.89844	271.56	0	48.838440	-86.937588	56114.83	56246.8	3.19	56118.02	56118.01953	56102.55628	56102.55469	504579.7	5409498.1
T9500.0	504579.7	5409498.1	75817.00000	270.55	0	48.838440	-86.937588	56114.53	56246.8	3.19	56117.72	56117.71875	56102.26243	56102.26172	504579.7	5409498.1
T9500.0	504579.6	5409498.1	75817.10156	270.12	0	48.838441	-86.937589	56114.75	56246.8	3.19	56117.94	56117.94141	56101.96733	56101.96875	504579.6	5409498.1
T9500.0	504579.5	5409498.2	75817.20313	271.77	0	48.838441	-86.937591	56114.74	56246.8	3.18	56117.93	56117.92969	56101.62478	56101.62500	504579.5	5409498.2
T9500.0	504579.4	5409498.2	75817.29688	270.49	0	48.838441	-86.937592	56115.18	56246.8	3.18	56118.37	56118.37109	56101.24857	56101.25000	504579.4	5409498.2
T9500.0	504579.4	5409498.2	75817.39844	268.54	0	48.838441	-86.937592	56115.29	56246.8	3.18	56118.46	56118.46094	56100.83253	56100.83203	504579.4	5409498.2
T9500.0	504579.3	5409498.3	75817.50000	270.10	0	48.838442	-86.937594	56115.43	56246.8	3.18	56118.61	56118.60938	56100.39349	56100.39453	504579.3	5409498.3
T9500.0	504579.2	5409498.3	75817.60156	271.70	0	48.838442	-86.937595	56116.05	56246.8	3.17	56119.22	56119.21875	56099.91258	56099.91406	504579.2	5409498.3
T9500.0	504579.2	5409498.3	75817.70313	270.43	0	48.838442	-86.937595	56115.94	56246.8	3.17	56119.11	56119.10938	56099.47141	56099.47266	504579.2	5409498.3
T9500.0	504579.2	5409498.3	75817.79688	272.23	0	48.838443	-86.937596	56116.52	56246.8	3.17	56119.69	56119.69141	56100.16458	56100.16406	504579.2	5409498.3
T9500.0	504579.1	5409498.4	75817.89844	273.11	0	48.838443	-86.937596	56116.98	56246.8	3.16	56120.15	56120.14844	56099.83303	56099.83203	504579.1	5409498.4
T9500.0	504579.1	5409498.4	75818.00000	270.94	0	48.838443	-86.937597	56117.50	56246.8	3.16	56120.66	56120.66016	56099.52512	56099.52344	504579.1	5409498.4
T9500.0	504579.1	5409498.4	75818.10156	270.47	0	48.838443	-86.937597	56118.02	56246.8	3.16	56121.18	56121.17969	56099.24241	56099.24219	504579.1	5409498.4
T9500.0	504579.1	5409498.4	75818.20313	267.96	0	48.838443	-86.937597	56118.04	56246.8	3.16	56121.20	56121.19922	56098.92262	56098.92188	504579.1	5409498.4
T9500.0	504579.0	5409498.5	75818.29688	265.27	0	48.838444	-86.937597	56118.32	56246.8	3.16	56121.48	56121.48047	56098.68387	56098.68359	504579.0	5409498.5
T9500.0	504579.0	5409498.5	75818.39844	261.21	0	48.838444	-86.937597	56118.47	56246.8	3.16	56121.63	56121.62891	56098.47634	56098.47656	504579.0	5409498.5
T9500.0	504579.0	5409498.5	75818.50000	256.98	0	48.838444	-86.937597	56118.57	56246.8	3.16	56121.73	56121.73047	56098.30855	56098.30859	504579.0	5409498.5
T9500.0	504579.0	5409498.5	75818.60156	256.77	0	48.838444	-86.937597	56118.50	56246.8	3.16	56121.66	56121.66016	56098.16681	56098.16797	504579.0	5409498.5
T9500.0	504579.0	5409498.5	75818.70313	254.97	0	48.838444	-86.937598	56118.47	56246.8	3.16	56121.63	56121.62891	56098.07563	56098.07422	504579.0	5409498.5
T9500.0	504579.0	5409498.5	75818.79688	256.96	0	48.838444	-86.937598	56118.64	56246.8	3.16	56121.81	56121.80859	56098.05351	56098.05469	504579.0	5409498.5
T9500.0	504579.0	5409498.4	75818.89844	258.34	0	48.838443	-86.937598	56118.75	56246.8	3.16	56121.91	56121.91016	56098.06658	56098.06641	504579.0	5409498.4
T9500.0	504579.0	5409498.4	75819.00000	262.32	0	48.838443	-86.937598	56119.15	56246.8	3.16	56122.31	56122.30859	56098.16195	56098.16016	504579.0	5409498.4
T9500.0	504578.9	5409498.4	75819.10156	263.85	0	48.838443	-86.937598	56119.13	56246.8	3.16	56122.29	56122.28906	56098.24901	56098.25000	504578.9	5409498.4
T9500.0	504578.9	5409498.4	75819.20313	264.76	0	48.838443	-86.937599	56118.83	56246.8	3.16	56122.00	56122.00000	56098.33484	56098.33594	504578.9	5409498.4
T9500.0	504578.9	5409498.4	75819.29688	267.70	0	48.838443	-86.937599	56118.62	56246.8	3.17	56121.79	56121.78906	56098.45761	56098.45703	504578.9	5409498.4
T9500.0	504578.8	5409498.4	75819.39844	268.43	0	48.838443	-86.937601	56118.66	56246.8	3.17	56121.82	56121.82031	56098.63876	56098.64063	504578.8	5409498.4
T9500.0	504578.7	5409498.4	75819.50000	269.91	0	48.838443	-86.937602	56118.70	56246.8	3.17	56121.86	56121.85938	56098.84087	56098.83984	504578.7	5409498.4
T9500.0	504578.7	5409498.4	75819.60156	270.60	0	48.838443	-86.937602	56118.35	56246.8	3.17	56121.52	56121.51953	56098.98850	56098.98828	504578.7	5409498.4
T9500.0	504578.4	5409498.4	75819.70313	271.38	0	48.838443	-86.937606	56118.64	56246.8	3.17	56121.82	56121.82031	56099.25084	56099.25000	504578.4	5409498.4
T9500.0	504578.4	5409498.4	75819.79688	271.94	0	48.838443	-86.937606	56118.70	56246.8	3.18	56121.88	56121.87891	56099.45468	56099.45313	504578.4	5409498.4
T9500.0	504578.3	5409498.4	75819.89844	270.03	0	48.838443	-86.937608	56118.77	56246.8	3.18	56121.95	56121.94922	56097.78194	56097.78125	504578.3	5409498.4
T9500.0	504578.1	5409498.4	75820.00000	268.51	0	48.838443	-86.937610	56118.72	56246.8	3.18	56121.90	56121.89844	56097.89294	56097.89453	504578.1	5409498.4
T9500.0	504578.1	5409498.4	75820.10156	268.06	0	48.838443	-86.937610	56118.61	56246.8	3.18	56121.79	56121.78906	56097.93449	56097.93359	504578.1	5409498.4
T9500.0	504577.9	5409498.4	75820.20313	269.63	0	48.838443	-86.937613	56118.38	56246.8	3.18	56121.56	56121.55859	56097.90335	56097.90234	504577.9	5409498.4
T9500.0	504577.7	5409498.4	75820.29688	271.26	0	48.838443	-86.937615	56117.98	56246.8	3.18	56121.16	56121.16016	56097.79822	56097.79688	504577.7	5409498.4
T9500.0	504577.5	5409498.4	75820.39844	270.50	0	48.838443	-86.937618	56118.04	56246.8	3.18	56121.22	56121.21875	56097.58670	56097.58594	504577.5	5409498.4
T9500.0	504577.5	5409498.4	75820.50000	267.61	0	48.838443	-86.937618	56117.89	56246.8	3.18	56121.07	56121.07031	56097.33408	56097.33594	504577.5	5409498.4
T9500.0	504577.3	5409498.4	75820.60156	267.02	0	48.838443	-86.937621	56118.04	56246.8	3.18	56121.22	56121.21875	56097.02060	56097.01953	504577.3	5409498.4
T9500.0	504577.0	5409498.4	75820.70313	267.92	0	48.838443	-86.937625	56117.64	56246.8	3.18	56120.82	56120.82031	56098.40283	56098.40234	504577.0	5409498.4
T9500.0	504577.0	5409498.4	75820.79688	268.56	0	48.838443	-86.937625	56117.56	56246.8	3.18	56120.74	56120.73828	56098.10162	56098.10156	504577.0	5409498.4
T9500.0	504576.7	5409498.3	75820.89844	268.93	0	48.838442	-86.937629	56117.28	56246.8	3.18	56120.46	56120.46094	56097.77441	56097.77344	504576.7	5409498.3
T9500.0	504576.4	5409498.3	75821.00000	266.63	0	48.838442	-86.937633	56117.41	56246.8	3.18	56120.59	56120.58984	56097.54560	56097.54688	504576.4	5409498.3
T9500.0	504576.2	5409498.3	75821.10156	267.90	0	48.838442	-86.937636	56117.43	56246.8	3.18	56120.61	56120.60938	56097.33174	56097.33203	504576.2	5409498.3
T9500.0	504576.2	5409498.3	75821.20313	266.43	0	48.838442	-86.937636	56117.08	56246.8	3.17	56120.25	56120.25000	56097.09596	56097.09766	504576.2	5409498.3
T9500.0	504575.9	5409498.2	75821.29688	262.98	0	48.838442	-86.937640	56116.93	56246.8	3.17	56120.10	56120.10156	56096.94739	56096.94922	504575.9	5409498.2
T9500.0	504575.6	5409498.2	75821.39844	262.82	0	48.838441	-86.937644	56116.50	56246.8	3.17	56119.66	56119.66016	56096.80458	56096.80469	504575.6	5409498.2
T9500.0	504575.2	5409498.2	75821.50000	262.59	0	48.838441	-86.937649	56116.83	56246.8	3.17	56119.99	56119.98828	56096.84487	56096.84375	504575.2	5409498.2
T9500.0	504575.2	5409498.2	75821.60156	261.71	0	48.838441	-86.937649	56116.76	56246.8	3.16	56119.92	56119.92188	56096.85652	56096.85547	504575.2	5409498.2
T9500.0	504574.8	5409498.1	75821.70313	263.46	0	48.838441	-86.937655	56116.68	56246.8	3.16	56119.83	56119.82813	56096.90007	56096.89844	504574.8	5409498.1
T9500.0	504574.3	5409498.1	75821.79688	262.82	0	48.838441	-86.937661	56116.68	56246.8	3.16	56119.83	56119.82813	56096.99121	56096.99219	504574.3	5409498.1
T9500.0	504574.0	5409498.1	75821.89844	265.38	0	48.838441	-86.937666	56116.34	56246.8	3.15	56119.50	56119.50000	56095.44223	56095.44141	504574.0	5409498.1
T9500.0	504573.6	5409498.1	75822.00000	269.03	0	48.838440	-86.937671	56116.05	56246.8	3.15	56119.20	56119.19922	56095.58136	56095.58203	504573.6	5409498.1
T9500.0	504573.6	5409498.1	75822.10156	271.11	0	48.838440	-86.937671	56115.66	56246.8	3.15	56118.81	56118.80859	56095.73248	56095.73438	504573.6	5409498.1
T9500.0	504573.2	5409498.1	75822.20313	273.88	0	48.838440	-86.937676	56115.92	56246.8	3.15	56119.07	56119.07031	56095.84802	56095.84766	504573.2	5409498.1
T9500.0	504572.8	5409498.1	75822.29688	272.67	0	48.838440	-86.937682	56116.09	56246.8	3.15	56119.24	56119.23828	56095.97080	56095.97266	504572.8	5409498.1
T9500.0	504572.8	5409498.1	75822.39844	272.64	0	48.838440	-86.937682	56116.02	56246.8	3.15	56119.17	56119.17188	56096.09441	56096.09375	504572.8	5409498.1
T9500.0	504572.4	5409498.1	75822.50000	272.80	0	48.838440	-86.937688	56115.92	56246.8	3.15	56119.07	56119.07031	56096.20120	56096.20313	504572.4	5409498.1
T9500.0	504571.8	5409498.1	75822.60156	272.87	0	48.838440	-86.937695	56115.68	56246.8	3.15	56118.83	56118.82813	56096.28322	56096.28516	504571.8	5409498.1
T9500.0	504571.8	5409498.1	75822.70313	274.32	0	48.838440	-86.937695	56116.18	56246.8	3.15	56119.33	56119.32813	56096.33553	56096.33594	504571.8	5409498.1
T9500.0	504571.4	5409498.1	75822.79688	275.12	0	48.838440	-86.937702	56115.71	56246.8	3.15	56118.86	56118.85938	56096.34118	56096.33984	504571.4	5409498.1

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
T9500.0	504570.9	5409498.1	75822.89844	274.69	0	48.838440	-86.937708	56115.87	56246.8	3.15	56119.02	56119.01953	56096.30434	56096.30469	504570.9	5409498.1
T9500.0	504570.9	5409498.1	75823.00000	272.96	0	48.838440	-86.937708	56115.28	56246.8	3.15	56118.43	56118.42969	56096.19613	56096.19531	504570.9	5409498.1
T9500.0	504570.4	5409498.1	75823.10156	271.41	0	48.838440	-86.937715	56115.29	56246.9	3.15	56118.43	56118.42969	56096.04451	56096.04297	504570.4	5409498.1
T9500.0	504569.6	5409498.1	75823.20313	272.21	0	48.838441	-86.937725	56114.50	56246.9	3.15	56117.65	56117.64844	56095.81566	56095.81641	504569.6	5409498.1
T9500.0	504569.6	5409498.1	75823.29688	272.81	0	48.838441	-86.937725	56114.68	56246.9	3.15	56117.83	56117.82813	56095.54924	56095.55078	504569.6	5409498.1
T9500.0	504569.2	5409498.1	75823.39844	270.96	0	48.838441	-86.937732	56114.86	56246.9	3.15	56118.00	56118.00000	56095.21769	56095.21875	504569.2	5409498.1
T9500.0	504568.4	5409498.2	75823.50000	267.65	0	48.838441	-86.937742	56114.85	56246.9	3.15	56117.99	56117.98828	56094.82728	56094.82813	504568.4	5409498.2
T9500.0	504567.7	5409498.2	75823.60156	267.68	0	48.838441	-86.937752	56114.38	56246.9	3.14	56117.52	56117.51953	56094.39201	56094.39063	504567.7	5409498.2
T9500.0	504567.2	5409498.2	75823.70313	267.94	0	48.838441	-86.937759	56114.73	56246.9	3.14	56117.87	56117.87109	56093.91175	56093.91016	504567.2	5409498.2
T9500.0	504567.2	5409498.2	75823.79688	269.73	0	48.838441	-86.937759	56114.53	56246.9	3.14	56117.67	56117.67188	56093.40979	56093.41016	504567.2	5409498.2
T9500.0	504566.6	5409498.2	75823.89844	268.99	0	48.838442	-86.937767	56114.38	56246.9	3.14	56117.52	56117.51953	56092.88815	56092.88672	504566.6	5409498.2
T9500.0	504565.8	5409498.2	75824.00000	267.80	0	48.838442	-86.937778	56114.04	56246.9	3.14	56117.18	56117.17969	56092.36988	56092.37109	504565.8	5409498.2
T9500.0	504565.8	5409498.2	75824.10156	264.35	0	48.838442	-86.937778	56113.49	56246.9	3.14	56116.63	56116.62891	56091.88094	56091.88281	504565.8	5409498.2
T9500.0	504565.0	5409498.3	75824.20313	264.63	0	48.838442	-86.937788	56113.56	56246.9	3.14	56116.70	56116.69922	56091.36884	56091.36719	504565.0	5409498.3
T9500.0	504564.3	5409498.3	75824.29688	265.04	0	48.838442	-86.937798	56113.38	56246.9	3.14	56116.52	56116.51953	56092.83526	56092.83594	504564.3	5409498.3
T9500.0	504563.5	5409498.3	75824.39844	268.62	0	48.838442	-86.937810	56113.39	56246.9	3.14	56116.53	56116.53125	56092.48830	56092.48828	504563.5	5409498.3
T9500.0	504562.7	5409498.3	75824.50000	271.75	0	48.838442	-86.937820	56112.95	56246.9	3.13	56116.09	56116.08984	56092.10648	56092.10547	504562.7	5409498.3
T9500.0	504562.7	5409498.3	75824.60156	271.65	0	48.838442	-86.937820	56112.53	56246.9	3.13	56115.67	56115.67188	56091.77643	56091.77734	504562.7	5409498.3
T9500.0	504562.1	5409498.3	75824.70313	270.32	0	48.838442	-86.937828	56112.52	56246.9	3.13	56115.66	56115.66016	56091.56621	56091.56641	504562.1	5409498.3
T9500.0	504561.4	5409498.2	75824.79688	267.98	0	48.838442	-86.937838	56112.45	56246.9	3.13	56115.58	56115.57813	56091.38734	56091.38672	504561.4	5409498.2
T9500.0	504560.6	5409498.2	75824.89844	266.02	0	48.838442	-86.937849	56112.15	56246.9	3.13	56115.28	56115.28125	56091.21114	56091.21094	504560.6	5409498.2
T9500.0	504560.6	5409498.2	75825.00000	264.39	0	48.838442	-86.937849	56111.72	56246.9	3.13	56114.85	56114.85156	56091.05061	56091.05078	504560.6	5409498.2
T9500.0	504559.7	5409498.2	75825.10156	263.69	0	48.838442	-86.937861	56111.71	56246.9	3.13	56114.84	56114.83984	56091.00410	56091.00391	504559.7	5409498.2
T9500.0	504558.5	5409498.2	75825.20313	262.25	0	48.838442	-86.937877	56111.35	56246.9	3.13	56114.48	56114.48047	56090.92434	56090.92578	504558.5	5409498.2
T9500.0	504558.5	5409498.2	75825.29688	264.44	0	48.838442	-86.937877	56111.36	56246.9	3.13	56114.49	56114.48828	56088.92468	56088.92578	504558.5	5409498.2
T9500.0	504557.8	5409498.2	75825.39844	264.62	0	48.838441	-86.937886	56111.42	56246.9	3.13	56114.55	56114.55078	56088.90989	56088.91016	504557.8	5409498.2
T9500.0	504556.9	5409498.2	75825.50000	266.45	0	48.838441	-86.937900	56111.08	56246.9	3.13	56114.21	56114.21094	56088.94917	56088.94922	504556.9	5409498.2
T9500.0	504556.2	5409498.2	75825.60156	265.65	0	48.838441	-86.937909	56110.63	56246.9	3.13	56113.76	56113.76172	56089.00264	56089.00391	504556.2	5409498.2
T9500.0	504555.4	5409498.1	75825.70313	269.68	0	48.838441	-86.937919	56110.27	56246.9	3.13	56113.40	56113.39844	56089.04687	56089.04688	504555.4	5409498.1
T9500.0	504555.4	5409498.1	75825.79688	270.82	0	48.838441	-86.937919	56110.08	56246.9	3.13	56113.21	56113.21094	56089.07328	56089.07422	504555.4	5409498.1
T9500.0	504554.4	5409498.1	75825.89844	271.35	0	48.838441	-86.937934	56109.62	56246.9	3.13	56112.75	56112.75000	56089.08597	56089.08594	504554.4	5409498.1
T9500.0	504553.5	5409498.1	75826.00000	270.98	0	48.838441	-86.937945	56109.32	56246.9	3.13	56112.45	56112.44922	56089.06171	56089.06250	504553.5	5409498.1
T9500.0	504553.5	5409498.1	75826.10156	272.66	0	48.838441	-86.937945	56109.02	56246.9	3.13	56112.15	56112.14844	56088.99688	56088.99609	504553.5	5409498.1
T9500.0	504552.6	5409498.1	75826.20313	272.79	0	48.838441	-86.937958	56108.66	56246.9	3.13	56111.79	56111.78906	56088.88367	56088.88281	504552.6	5409498.1
T9500.0	504551.5	5409498.1	75826.29688	272.89	0	48.838441	-86.937973	56108.56	56246.9	3.13	56111.68	56111.67969	56088.71882	56088.71875	504551.5	5409498.1
T9500.0	504550.3	5409498.1	75826.39844	271.46	0	48.838441	-86.937989	56108.15	56246.9	3.13	56111.28	56111.28125	56088.49862	56088.50000	504550.3	5409498.1
T9500.0	504550.3	5409498.1	75826.50000	271.90	0	48.838441	-86.937989	56107.93	56246.9	3.13	56111.06	56111.05859	56088.22739	56088.22656	504550.3	5409498.1
T9500.0	504549.3	5409498.2	75826.60156	273.46	0	48.838441	-86.938003	56107.29	56246.9	3.13	56110.42	56110.42188	56087.90036	56087.89844	504549.3	5409498.2
T9500.0	504548.3	5409498.2	75826.70313	273.75	0	48.838441	-86.938016	56106.61	56246.9	3.13	56109.74	56109.73828	56087.53001	56087.53125	504548.3	5409498.2
T9500.0	504547.2	5409498.2	75826.79688	272.11	0	48.838442	-86.938031	56106.45	56246.9	3.13	56109.58	56109.57813	56087.12270	56087.12109	504547.2	5409498.2
T9500.0	504547.2	5409498.2	75826.89844	273.80	0	48.838442	-86.938031	56106.43	56246.9	3.13	56109.56	56109.55859	56086.67798	56086.67969	504547.2	5409498.2
T9500.0	504546.4	5409498.2	75827.00000	272.79	0	48.838442	-86.938042	56106.31	56246.9	3.13	56109.44	56109.44141	56086.20257	56086.20313	504546.4	5409498.2
T9500.0	504545.2	5409498.3	75827.10156	270.31	0	48.838442	-86.938059	56106.06	56246.9	3.13	56109.18	56109.17969	56085.71215	56085.71094	504545.2	5409498.3
T9500.0	504545.2	5409498.3	75827.20313	267.00	0	48.838442	-86.938059	56105.70	56246.9	3.13	56108.83	56108.82813	56085.22273	56085.22266	504545.2	5409498.3
T9500.0	504544.0	5409498.3	75827.29688	267.98	0	48.838442	-86.938075	56105.24	56246.9	3.13	56108.36	56108.35938	56084.75005	56084.75000	504544.0	5409498.3
T9500.0	504543.0	5409498.3	75827.39844	266.69	0	48.838442	-86.938088	56105.16	56246.9	3.13	56108.29	56108.28906	56084.28522	56084.28516	504543.0	5409498.3
T9500.0	504542.0	5409498.3	75827.50000	264.96	0	48.838443	-86.938102	56104.77	56246.9	3.13	56107.89	56107.89063	56083.86904	56083.86719	504542.0	5409498.3
T9500.0	504542.0	5409498.3	75827.60156	263.98	0	48.838443	-86.938102	56104.58	56246.9	3.12	56107.70	56107.69922	56083.48236	56083.48047	504542.0	5409498.3
T9500.0	504540.5	5409498.3	75827.70313	263.63	0	48.838443	-86.938122	56103.88	56246.9	3.12	56107.00	56107.00000	56083.17202	56083.17188	504540.5	5409498.3
T9500.0	504539.5	5409498.3	75827.79688	264.50	0	48.838443	-86.938136	56103.04	56246.9	3.12	56106.17	56106.17188	56082.92018	56082.92188	504539.5	5409498.3
T9500.0	504538.4	5409498.3	75827.89844	264.72	0	48.838443	-86.938152	56102.25	56246.9	3.12	56105.38	56105.37891	56082.71816	56082.71875	504538.4	5409498.3
T9500.0	504538.4	5409498.3	75828.00000	266.93	0	48.838443	-86.938152	56102.25	56246.9	3.12	56105.37	56105.37109	56082.52696	56082.52734	504538.4	5409498.3
T9500.0	504537.2	5409498.3	75828.10156	267.98	0	48.838443	-86.938167	56102.16	56246.9	3.12	56105.28	56105.28125	56082.39508	56082.39453	504537.2	5409498.3
T9500.0	504537.2	5409498.3	75828.20313	270.89	0	48.838443	-86.938167	56101.93	56246.9	3.12	56105.06	56105.05859	56082.32032	56082.32031	504537.2	5409498.3
T9500.0	504536.0	5409498.3	75828.29688	269.36	0	48.838443	-86.938184	56101.75	56246.9	3.12	56104.87	56104.87109	56082.29191	56082.29297	504536.0	5409498.3
T9500.0	504535.0	5409498.3	75828.39844	266.86	0	48.838443	-86.938197	56100.94	56246.9	3.12	56104.07	56104.07031	56082.30513	56082.30469	504535.0	5409498.3
T9500.0	504533.5	5409498.3	75828.50000	266.47	0	48.838443	-86.938217	56100.14	56246.9	3.13	56103.26	56103.26172	56082.33278	56082.33203	504533.5	5409498.3
T9500.0	504533.5	5409498.3	75828.60156	267.88	0	48.838443	-86.938217	56099.73	56246.9	3.13	56102.85	56102.85156	56082.37514	56082.37500	504533.5	5409498.3
T9500.0	504532.1	5409498.4	75828.70313	270.48	0	48.838443	-86.938238	56099.30	56246.9	3.13	56102.42	56102.42188	56082.41890	56082.41797	504532.1	5409498.4
T9500.0	504531.2	5409498.4	75828.79688	271.77	0	48.838443	-86.938249	56098.92	56246.9	3.13	56102.05	56102.05078	56082.45745	56082.45703	504531.2	5409498.4
T9500.0	504531.2	5409498.4	75828.89844	274.28	0	48.838443	-86.938249	56098.84	56246.9	3.13	56101.97	56101.96875	56082.50331	56082.50391	504531.2	5409498.4
T9500.0	504529.7	5409498.4	75829.00000	275.38	0	48.838443	-86.938270	56098.48	56246.9	3.13	56101.61	56101.60938	56082.49920	56082.50000	504529.7	5409498.4
T9500.0	504528.2	5409498.4	75829.10156	277.84	0	48.838443	-86.938290	56097.73	56246.9	3.13	56100.86	56100.85938	56082.40854	56082.41016	504528.2	5409498.4
T9500.0	504527.4	5409498.4	75829.20313	277.88	0	48.838443	-86.938301	56097.07	56246.9	3.13	56100.20	56100.19922	56082.27167	56082.27344	504527.4	5409498.4
T9500.0	504527.4	5409498.4	75829.29688	277.30	0	48.838443	-86.938301	56096.09	56246.9	3.13	56099.22	56099.21875	56082.03073	56082.03125	504527.4	5409498.4
T9500.0	504526.3	5409498.4	75829.39844	277.03	0	48.838443	-86.938316	56095.45	56246.9	3.13	56098.57	56098.57031	56081.77772	56081.77734	504526.3	5409498.4
T9500.0	504526.3	5409498.4	75829.50000	276.29	0	48.838443	-86.938316	56095.20	56246.9	3.13	56098.33	56098.32813	56081.53371	56081.53516	504526.3	5409498.4
T9500.0	504524.8	5409498.4	75829.60156	274.15	0	48.838443	-86.938337	56095.02	56246.9	3.13	56098.15	56098.14844	56081.24893	56081.25000	504524.8	5409498.4
T9500.0	504523.9	5409498.4	75829.60156	274.15	0	48.838443	-86.938348	56094.90	56246.9	3.13	56098.03	56098.03125	56080.92438	56080.92578	504523.9	5409498.4
T9500.0	504522.9	5409498.4	75829.79688	277.35	0	48.838443	-86.938363	56094.64	56246.9	3.13	56097.77	56097.76953	56080.52845	56080.52734	504522.9	5409498.4
T9500.0	504522.9	5409498.4	75829.79688	277.83	0	48.838443	-86.938363	56094.09	56246.9	3.13	56097.22	56097.21875	56080.04181	56080.04297	504522.9	5409498.4
T9500.0	504521.7	5409498.4	75830.00000	271.00	0	48.838443	-86.938378	56093.61	56246.9	3.13	56096.74	56096.73828	56079.52475	56079.52344	504521.7	5409498.4
T9500.0	504520.6	5409498.3	75830.10156	266.41	0	48.838443	-86.938394	56092.77	56246.9	3.13	56095.90	56095.89844	56078.92207	56078.92188	504520.6	5409498.3
T9500.0	504519.2	5409498.3	75830.20313	268.41	0	48.838443	-86.938413	56092.04	56246.9	3.13	56095.17	56095.17188	56078.30881	56078.30859	504519.2	5409498.3
T9500.0	504519.2	5409498.3	75830.29688	269.43	0	48.838443	-86.938413	56091.51	56246.9	3.13	56094.64	56094.64063	56077.69864	56077.69922	504519.2	5409498.3
T9500.0	504517.6	5409498.3	75830.39844	271.28	0	48.838443	-86.938434	56090.77	56246.9	3.13	56093.90	56093.89844	56077.04781	56077.04688	504517.6	5409498.3
T9500.0	504516.3	5409498.3	75830.50000	273.79	0	48.838443	-86.938452	56090.38	56246.9	3.13	56093.50	56093.50000	56076.42094	56076.42188	504516.3	5409498.3
T9500.0	504516.3	5409498.3	75830.60156	274.95	0	48.838443	-86.938452	56089.86	56246.9	3.13	56092.99	56092.98828	56075.77698	56075.77734	504516.3	5409498.3
T9500.0	504515.4	5409498.3	75830.70313	273.82	0	48.838443	-86.938465	56089.71	56246.9	3.13	56092.84	56092.83984	56075.15605	56075.15625	504515.4	5409498.3
T9500.0	504514.2	5409498.3	75830.79688	273.44	0	48.838443	-86.938481	56089.03	56246.9	3.13	56092.16	56092.16016	56074.50450	56074.50391	504514.2	5409498.3
T9500.0	504514.2	5409498.3	75830.89844	271.08	0	48.838443	-86.938481	56088.32	56246.9	3.13	56091.45	56091.44922	56073.86801	56073.86719	504514.2	5409498.3
T9500.0	504512.7	5409498.3	75831.00000	269.51	0	48.838443	-86.938502	56087.61	56246.9	3.13	56090.74	56090.73828	56073.24955	56073.25000	504512.7	5409498.3
T9500.0	504511.0	5409498.3	75831.10156	268.54	0	48.838443	-86.938525	56087.31	56246.9	3.13	56090.43	56090.42969	56072.65678	56072.65625	504511.0	5409498.3
T9500.0	504511.0	5409498.3	75831.20313	268.49	0	48.838443	-86.938525	56086.53	56246.9	3.13	56089.66	56089.66016	56072.07192	56072.07031	504511.0	5409498.3
T9500.0	504509.6	5409498.3	75831.29688	267.97	0	48.838443	-86.938544	56085.46	56246.9	3.13	56088.59	56088.58984	56071.50744	56071.50781	504509.6	5409498.3
T9500.0	504508.4	5409498.3	75831.39844	268.97	0	48.838443	-86.938560	56084.93	56246.9	3.13	56088.06	56088.05859	56070.96224	56070.96094	504508.4	5409498.3
T9500.0	504508.4	5409498.3	75831.50000	269.34	0	48.838443	-86.938560	56083.96	56246.9	3.13	56087.09	56087.08984	56070.43939	56070.43750	504508.4	5409498.3
T9500.0	504506.8	5409498.3	75831.60156	268.87	0	48.838443	-86.938581	56083.52	56246.9	3.13	56086.65	56086.64844	56069.92393	56069.92578	504506.8	5409498.3
T9500.0	504506.8	5409498.3	75831.70313	266.05	0	48.838443	-86.938581	56082.68	56246.9	3.13	56085.81	56085.80859	56069.43119	56069.42969	504506.8	5409498.3
T9500.0	504505.3	5409498.3	75831.79688	266.97	0	48.838442	-86.938602	56082.38	56246.9	3.13	56085.50	56085.50000	56068.93520	56068.93359	504505.3	5409498.3
T9500.0	504503.9	5409498.2	75831.89844	265.13	0	48.838442	-86.938621	56081.54	56246.9	3.13	56084.67	56084.67188	56068.46643	56068.46484	504503.9	5409498.2
T9500.0	504502.6	5409498.2	75832.00000	267.67	0	48.838442	-86.938639	56080.73	56246.9	3.13	56083.86	56083.85938	56068.00677	56068.00781	504502.6	5409498.2
T9500.0	504502.6	5409498.2	75832.10156	268.39	0	48.838442	-86.938639	56080.23	56246.9	3.13	56083.36	56083.35938	56067.54057	56067.53906	504502.6	5409498.2

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
T9500.0	504501.2	5409498.2	75832.20313	268.38	0	48.838442	-86.938658	56079.59	56246.9	3.13	56082.72	56082.71875	56067.08342	56067.08203	504501.2	5409498.2
T9500.0	504501.2	5409498.2	75832.29688	268.44	0	48.838442	-86.938658	56079.08	56246.9	3.13	56082.21	56082.21094	56066.62131	56066.62109	504501.2	5409498.2
T9500.0	504500.3	5409498.2	75832.39844	268.40	0	48.838442	-86.938670	56078.16	56246.9	3.13	56081.29	56081.28906	56066.17898	56066.17969	504500.3	5409498.2
T9500.0	504497.9	5409498.2	75832.50000	268.24	0	48.838442	-86.938703	56077.62	56246.9	3.13	56080.75	56080.75000	56065.71585	56065.71484	504497.9	5409498.2
T9500.0	504497.9	5409498.2	75832.60156	268.32	0	48.838442	-86.938703	56076.46	56246.9	3.13	56079.59	56079.58984	56065.28405	56065.28516	504497.9	5409498.2
T9500.0	504497.9	5409498.2	75832.70313	270.25	0	48.838442	-86.938703	56075.49	56246.9	3.13	56078.62	56078.62109	56064.83975	56064.83984	504497.9	5409498.2
T9500.0	504495.9	5409498.3	75832.79688	271.41	0	48.838442	-86.938730	56074.61	56246.9	3.13	56077.74	56077.73828	56064.38657	56064.38672	504495.9	5409498.3
T9500.0	504494.8	5409498.3	75832.89844	270.90	0	48.838442	-86.938745	56074.00	56246.9	3.13	56077.13	56077.12891	56063.91228	56063.91406	504494.8	5409498.3
T9500.0	504494.8	5409498.3	75833.00000	269.54	0	48.838442	-86.938745	56073.82	56246.9	3.13	56076.95	56076.94922	56063.40314	56063.40234	504494.8	5409498.3
T9500.0	504493.6	5409498.3	75833.10156	268.59	0	48.838443	-86.938762	56073.02	56246.9	3.13	56076.15	56076.14844	56062.93399	56062.93359	504493.6	5409498.3
T9500.0	504492.1	5409498.3	75833.20313	268.41	0	48.838443	-86.938782	56072.48	56246.9	3.12	56075.60	56075.60156	56062.44427	56062.44531	504492.1	5409498.3
T9500.0	504490.7	5409498.3	75833.29688	268.65	0	48.838443	-86.938801	56071.35	56246.9	3.12	56074.47	56074.46875	56062.00305	56062.00391	504490.7	5409498.3
T9500.0	504490.7	5409498.3	75833.39844	267.73	0	48.838443	-86.938801	56070.52	56246.9	3.12	56073.64	56073.64063	56061.54223	56061.54297	504490.7	5409498.3
T9500.0	504489.3	5409498.3	75833.50000	268.86	0	48.838443	-86.938821	56069.63	56246.9	3.11	56072.74	56072.73828	56061.95683	56061.95703	504489.3	5409498.3
T9500.0	504488.2	5409498.3	75833.60156	268.01	0	48.838443	-86.938835	56068.46	56246.9	3.11	56071.58	56071.57813	56061.39101	56061.39063	504488.2	5409498.3
T9500.0	504486.8	5409498.3	75833.70313	265.25	0	48.838443	-86.938855	56068.01	56246.9	3.11	56071.12	56071.12109	56060.97295	56060.97266	504486.8	5409498.3
T9500.0	504486.8	5409498.3	75833.79688	266.87	0	48.838443	-86.938855	56067.35	56246.9	3.11	56070.45	56070.44922	56060.52295	56060.52344	504486.8	5409498.3
T9500.0	504485.5	5409498.3	75833.89844	266.34	0	48.838443	-86.938872	56066.92	56246.9	3.10	56070.02	56070.01953	56060.12704	56060.12891	504485.5	5409498.3
T9500.0	504485.5	5409498.3	75834.00000	265.77	0	48.838443	-86.938872	56066.56	56246.9	3.10	56069.66	56069.66016	56059.75042	56059.75000	504485.5	5409498.3
T9500.0	504484.3	5409498.3	75834.10156	263.36	0	48.838443	-86.938888	56065.36	56246.9	3.10	56068.46	56068.46094	56059.21252	56059.21094	504484.3	5409498.3
T9500.0	504482.8	5409498.3	75834.20313	262.10	0	48.838443	-86.938909	56064.01	56246.9	3.11	56067.12	56067.12109	56058.64540	56058.64453	504482.8	5409498.3
T9500.0	504482.8	5409498.3	75834.29688	262.60	0	48.838443	-86.938909	56062.77	56246.9	3.11	56065.89	56065.89063	56058.09580	56058.09766	504482.8	5409498.3
T9500.0	504481.2	5409498.3	75834.39844	264.74	0	48.838443	-86.938931	56062.17	56246.9	3.12	56065.28	56065.28125	56057.66273	56057.66406	504481.2	5409498.3
T9500.0	504479.9	5409498.3	75834.50000	266.43	0	48.838443	-86.938949	56061.05	56246.9	3.12	56064.17	56064.17188	56057.12848	56057.12891	504479.9	5409498.3
T9500.0	504478.6	5409498.3	75834.60156	267.02	0	48.838443	-86.938966	56059.99	56246.9	3.12	56063.11	56063.10938	56056.60192	56056.60156	504478.6	5409498.3
T9500.0	504478.6	5409498.3	75834.70313	266.35	0	48.838443	-86.938966	56058.81	56246.9	3.13	56061.93	56061.92969	56056.05062	56056.05078	504478.6	5409498.3
T9500.0	504477.1	5409498.3	75834.79688	267.09	0	48.838443	-86.938986	56057.76	56246.9	3.13	56060.89	56060.89063	56055.52708	56055.52734	504477.1	5409498.3
T9500.0	504475.8	5409498.3	75834.89844	268.67	0	48.838443	-86.939004	56057.69	56246.9	3.14	56060.82	56060.82031	56055.19025	56055.19141	504475.8	5409498.3
T9500.0	504474.3	5409498.3	75835.00000	270.31	0	48.838443	-86.939024	56057.48	56246.9	3.14	56060.62	56060.62109	56054.82994	56054.82813	504474.3	5409498.3
T9500.0	504472.9	5409498.3	75835.10156	270.83	0	48.838443	-86.939044	56056.70	56246.9	3.14	56059.84	56059.83984	56054.36332	56054.36328	504472.9	5409498.3
T9500.0	504471.9	5409498.3	75835.20313	272.57	0	48.838443	-86.939058	56056.13	56246.9	3.14	56059.26	56059.26172	56053.93987	56053.94141	504471.9	5409498.3
T9500.0	504471.9	5409498.3	75835.29688	273.01	0	48.838443	-86.939058	56055.48	56246.9	3.14	56058.62	56058.62109	56053.50959	56053.50781	504471.9	5409498.3
T9500.0	504470.3	5409498.3	75835.39844	272.03	0	48.838443	-86.939079	56054.81	56246.9	3.14	56057.95	56057.94922	56053.07676	56053.07813	504470.3	5409498.3
T9500.0	504470.3	5409498.3	75835.50000	268.93	0	48.838443	-86.939079	56054.27	56246.9	3.14	56057.41	56057.41016	56052.67128	56052.67188	504470.3	5409498.3
T9500.0	504468.4	5409498.4	75835.60156	266.06	0	48.838444	-86.939105	56053.48	56246.9	3.14	56056.62	56056.62109	56052.21809	56052.21875	504468.4	5409498.4
T9500.0	504467.2	5409498.4	75835.70313	261.90	0	48.838444	-86.939122	56052.50	56246.9	3.14	56055.64	56055.64063	56051.77276	56051.77344	504467.2	5409498.4
T9500.0	504465.8	5409498.4	75835.79688	259.01	0	48.838444	-86.939140	56051.32	56246.9	3.14	56054.46	56054.46094	56051.39368	56051.39453	504465.8	5409498.4
T9500.0	504465.8	5409498.4	75835.89844	259.80	0	48.838444	-86.939140	56050.68	56246.9	3.14	56053.82	56053.82031	56050.96474	56050.96484	504465.8	5409498.4
T9500.0	504464.2	5409498.4	75836.00000	262.36	0	48.838444	-86.939162	56049.72	56246.9	3.14	56052.86	56052.85938	56050.55901	56050.55859	504464.2	5409498.4
T9500.0	504462.6	5409498.5	75836.10156	265.32	0	48.838445	-86.939183	56048.61	56246.9	3.14	56051.75	56051.75000	56050.16009	56050.16016	504462.6	5409498.5
T9500.0	504462.6	5409498.5	75836.20313	264.98	0	48.838445	-86.939183	56048.23	56246.9	3.14	56051.37	56051.37109	56049.70546	56049.70703	504462.6	5409498.5
T9500.0	504461.3	5409498.5	75836.29688	265.75	0	48.838445	-86.939202	56047.12	56246.9	3.14	56050.26	56050.26172	56049.29981	56049.30078	504461.3	5409498.5
T9500.0	504459.9	5409498.6	75836.39844	266.99	0	48.838446	-86.939220	56046.50	56246.9	3.14	56049.64	56049.64063	56048.85958	56048.85938	504459.9	5409498.6
T9500.0	504458.6	5409498.7	75836.50000	270.05	0	48.838446	-86.939238	56045.49	56246.9	3.14	56048.63	56048.62891	56048.44172	56048.44141	504458.6	5409498.7
T9500.0	504457.0	5409498.8	75836.60156	272.53	0	48.838447	-86.939261	56044.99	56246.9	3.14	56048.13	56048.12891	56047.99255	56047.99219	504457.0	5409498.8
T9500.0	504457.0	5409498.8	75836.70313	272.64	0	48.838447	-86.939261	56044.18	56246.9	3.14	56047.32	56047.32031	56047.55941	56047.55859	504457.0	5409498.8
T9500.0	504455.1	5409498.8	75836.79688	273.61	0	48.838448	-86.939286	56043.78	56246.9	3.14	56046.92	56046.92188	56047.10511	56047.10547	504455.1	5409498.8
T9500.0	504455.1	5409498.8	75836.89844	272.43	0	48.838448	-86.939286	56043.22	56246.9	3.14	56046.36	56046.35938	56046.65861	56046.66016	504455.1	5409498.8
T9500.0	504453.7	5409498.9	75837.00000	270.96	0	48.838448	-86.939305	56042.18	56246.9	3.14	56045.32	56045.32031	56046.22862	56046.23047	504453.7	5409498.9
T9500.0	504452.1	5409499.0	75837.10156	268.31	0	48.838449	-86.939327	56041.45	56246.9	3.14	56044.59	56044.58984	56045.78398	56045.78516	504452.1	5409499.0
T9500.0	504450.6	5409499.0	75837.20313	264.24	0	48.838449	-86.939348	56040.48	56246.9	3.14	56043.63	56043.62891	56045.34312	56045.34375	504450.6	5409499.0
T9500.0	504450.6	5409499.0	75837.29688	261.13	0	48.838449	-86.939348	56039.98	56246.9	3.14	56043.12	56043.12109	56044.89017	56044.89063	504450.6	5409499.0
T9500.0	504449.6	5409499.0	75837.39844	260.00	0	48.838450	-86.939362	56038.95	56246.9	3.14	56042.09	56042.08984	56044.44670	56044.44531	504449.6	5409499.0
T9500.0	504447.9	5409499.0	75837.50000	259.71	0	48.838450	-86.939384	56038.44	56246.9	3.14	56041.58	56041.57813	56043.99523	56043.99609	504447.9	5409499.0
T9500.0	504446.2	5409499.0	75837.60156	263.02	0	48.838450	-86.939408	56037.53	56246.9	3.15	56040.67	56040.67188	56043.54917	56043.55078	504446.2	5409499.0
T9500.0	504445.1	5409499.1	75837.70313	268.18	0	48.838450	-86.939422	56036.95	56246.9	3.15	56040.09	56040.08984	56043.10194	56043.10156	504445.1	5409499.1
T9500.0	504445.1	5409499.1	75837.79688	269.76	0	48.838450	-86.939422	56036.49	56246.9	3.15	56039.64	56039.64063	56042.65655	56042.65625	504445.1	5409499.1
T9500.0	504444.0	5409499.0	75837.89844	270.89	0	48.838450	-86.939438	56035.76	56246.9	3.15	56038.91	56038.91016	56042.21460	56042.21484	504444.0	5409499.0
T9500.0	504442.1	5409499.0	75838.00000	270.09	0	48.838450	-86.939463	56035.70	56246.8	3.15	56038.85	56038.85156	56041.77412	56041.77344	504442.1	5409499.0
T9500.0	504442.1	5409499.0	75838.10156	269.07	0	48.838450	-86.939463	56034.42	56246.9	3.15	56037.57	56037.57031	56041.33943	56041.33984	504442.1	5409499.0
T9500.0	504440.1	5409499.0	75838.20313	267.35	0	48.838450	-86.939490	56033.93	56246.9	3.15	56037.08	56037.07813	56040.90664	56040.90625	504440.1	5409499.0
T9500.0	504439.1	5409499.0	75838.29688	266.03	0	48.838450	-86.939504	56032.68	56246.9	3.15	56035.82	56035.82031	56040.48119	56040.48047	504439.1	5409499.0
T9500.0	504439.1	5409499.0	75838.39844	266.36	0	48.838450	-86.939504	56032.37	56246.9	3.15	56035.51	56035.51172	56040.06093	56040.06250	504439.1	5409499.0
T9500.0	504437.7	5409499.0	75838.50000	267.75	0	48.838449	-86.939524	56031.66	56246.9	3.15	56034.80	56034.80078	56039.65100	56039.65234	504437.7	5409499.0
T9500.0	504436.4	5409499.0	75838.60156	270.13	0	48.838449	-86.939541	56030.73	56246.9	3.14	56033.87	56033.87109	56039.25242	56039.25391	504436.4	5409499.0
T9500.0	504435.1	5409499.0	75838.70313	273.51	0	48.838449	-86.939559	56030.32	56246.9	3.14	56033.46	56033.46094	56038.85493	56038.85547	504435.1	5409499.0
T9500.0	504435.1	5409499.0	75838.79688	275.48	0	48.838449	-86.939559	56029.48	56246.9	3.14	56032.62	56032.62109	56038.47426	56038.47266	504435.1	5409499.0
T9500.0	504433.2	5409498.9	75838.89844	273.38	0	48.838449	-86.939585	56028.98	56246.9	3.14	56032.12	56032.12109	56038.09411	56038.09375	504433.2	5409498.9
T9500.0	504433.2	5409498.9	75839.00000	273.81	0	48.838449	-86.939585	56028.14	56246.9	3.14	56031.28	56031.28125	56037.73458	56037.73438	504433.2	5409498.9
T9500.0	504431.8	5409498.9	75839.10156	272.49	0	48.838449	-86.939604	56028.04	56246.9	3.14	56031.18	56031.17969	56037.35191	56037.35156	504431.8	5409498.9
T9500.0	504430.0	5409498.9	75839.20313	273.35	0	48.838449	-86.939629	56027.48	56246.9	3.14	56030.62	56030.62109	56036.99617	56036.99609	504430.0	5409498.9
T9500.0	504428.6	5409498.9	75839.29688	271.00	0	48.838449	-86.939647	56027.06	56246.9	3.14	56030.20	56030.19922	56036.63885	56036.64063	504428.6	5409498.9
T9500.0	504428.6	5409498.9	75839.39844	268.06	0	48.838449	-86.939647	56026.38	56246.9	3.14	56029.51	56029.51172	56036.30727	56036.30859	504428.6	5409498.9
T9500.0	504427.0	5409498.9	75839.50000	265.73	0	48.838449	-86.939669	56025.26	56246.9	3.14	56028.40	56028.39844	56036.02289	56036.02344	504427.0	5409498.9
T9500.0	504425.6	5409498.9	75839.60156	262.75	0	48.838449	-86.939688	56024.42	56246.9	3.14	56027.56	56027.55859	56034.34089	56034.33984	504425.6	5409498.9
T9500.0	504425.6	5409498.9	75839.70313	261.17	0	48.838449	-86.939688	56023.59	56246.9	3.14	56026.73	56026.73047	56033.96404	56033.96484	504425.6	5409498.9
T9500.0	504424.3	5409498.9	75839.79688	260.70	0	48.838449	-86.939706	56023.14	56246.9	3.14	56026.28	56026.28125	56033.66442	56033.66406	504424.3	5409498.9
T9500.0	504422.7	5409498.9	75839.89844	261.16	0	48.838448	-86.939728	56022.66	56246.9	3.14	56025.80	56025.80078	56033.36120	56033.35938	504422.7	5409498.9
T9500.0	504422.7	5409498.9	75840.00000	262.11	0	48.838448	-86.939728	56022.07	56246.9	3.14	56025.21	56025.21094	56033.04056	56033.03906	504422.7	5409498.9
T9500.0	504421.3	5409498.9	75840.10156	263.90	0	48.838448	-86.939747	56021.42	56246.9	3.14	56024.56	56024.55859	56032.71075	56032.71094	504421.3	5409498.9
T9500.0	504419.8	5409498.8	75840.20313	264.96	0	48.838448	-86.939767	56020.66	56246.9	3.14	56023.80	56023.80078	56032.36317	56032.36328	504419.8	5409498.8
T9500.0	504418.4	5409498.8	75840.29688	266.76	0	48.838448	-86.939787	56019.85	56246.9	3.14	56022.99	56022.98828	56032.00667	56032.00781	504418.4	5409498.8
T9500.0	504416.8	5409498.8	75840.39844	266.53	0	48.838448	-86.939809	56019.44	56246.9	3.14	56022.58	56022.57813	56031.70223	56031.70313	504416.8	5409498.8
T9500.0	504416.8	5409498.8	75840.50000	264.65	0	48.838448	-86.939809	56018.73	56246.9	3.14	56021.87	56021.87109	56031.34907	56031.34766	504416.8	5409498.8
T9500.0	504414.8	5409498.8	75840.60156	265.68	0	48.838448	-86.939836	56018.54	56246.9	3.14	56021.68	56021.67969	56031.05779	56031.05859	504414.8	5409498.8
T9500.0	504414.8	5409498.8	75840.70313	267.25	0	48.838448	-86.939836	56017.75	56246.9	3.14	56020.89	56020.89063	56030.67887	56030.67969	504414.8	5409498.8
T9500.0	504413.5	5409498.7	75840.79688	266.92	0	48.838447	-86.939853	56017.19	56246.9	3.14	56020.33	56020.32813	56030.32213	56030.32031	504413.5	5409498.7
T9500.0	504411.9	5409498.7	75840.89844	266.34	0	48.838447	-86.939875	56016.86	56246.9	3.14	56020.00	56020.00000	56029.98782	56029.98828	504411.9	5409498.7
T9500.0	504411.9	5409498.7	75841.00000	265.03	0	48.838447	-86.939875	56016.33	56246.9	3.14	56019.47	56019.46875	56029.62270	56029.62109	504411.9	5409498.7
T9500.0	504410.1	5409498.7	75841.10156	263.34	0	48.838447	-86.939900	56015.47	56246.9	3.14	56018.61	56018.60938	56029.21234	56029.21094	504410.1	5409498.7
T9500.0	504408.8	5409498.7	75841.20313	262.54	0	48.838447	-86.939918	56015.04	56246.9	3.14	56018.18	56018.17969	56028.85823	56028.85938	504408.8	5409498.7
T9500.0	504407.2	5409498.6	75841.29688	264.13	0	48.838446	-86.939939	56014.76	56246.9	3.14	56017.90	56017.89844	56028.52744	56028.52734	504407.2	5409498.6
T9500.0	504405.7	5409498.6	75841.39844	264.11	0	48.838446	-86.939960	56014.28	56246.9	3.14	56017.42	56017.42188	56028.17697	56028.17578	504405.7	5409498.6

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
T9500.0	504405.7	5409498.6	75841.50000	265.01	0	48.838446	-86.939960	56013.32	56246.9	3.14	56016.46	56016.46094	56027.76830	56027.76953	504405.7	5409498.6
T9500.0	504404.4	5409498.6	75841.60156	266.75	0	48.838446	-86.939977	56012.34	56246.9	3.14	56015.48	56015.48047	56027.35798	56027.35938	504404.4	5409498.6
T9500.0	504402.7	5409498.6	75841.70313	267.05	0	48.838446	-86.940000	56011.73	56246.9	3.14	56014.87	56014.87109	56026.99527	56026.99609	504402.7	5409498.6
T9500.0	504402.7	5409498.6	75841.79688	266.44	0	48.838446	-86.940000	56011.38	56246.9	3.14	56014.51	56014.51172	56026.66221	56026.66406	504402.7	5409498.6
T9500.0	504401.1	5409498.6	75841.89844	264.33	0	48.838446	-86.940022	56010.87	56246.9	3.14	56014.01	56014.01172	56026.30486	56026.30469	504401.1	5409498.6
T9500.0	504399.7	5409498.6	75842.00000	263.29	0	48.838446	-86.940042	56011.02	56246.9	3.14	56014.16	56014.16016	56026.02784	56026.02734	504399.7	5409498.6
T9500.0	504399.7	5409498.6	75842.10156	263.41	0	48.838446	-86.940042	56010.44	56246.9	3.14	56013.58	56013.57813	56025.64299	56025.64453	504399.7	5409498.6
T9500.0	504398.2	5409498.6	75842.20313	260.86	0	48.838446	-86.940062	56009.70	56246.9	3.14	56012.85	56012.85156	56025.22590	56025.22656	504398.2	5409498.6
T9500.0	504396.8	5409498.6	75842.29688	259.16	0	48.838447	-86.940081	56009.35	56246.9	3.14	56012.49	56012.48828	56024.84916	56024.84766	504396.8	5409498.6
T9500.0	504395.5	5409498.7	75842.39844	262.42	0	48.838447	-86.940099	56008.52	56246.9	3.14	56011.66	56011.66016	56024.39011	56024.39063	504395.5	5409498.7
T9500.0	504395.5	5409498.7	75842.50000	262.22	0	48.838447	-86.940099	56008.18	56246.9	3.15	56011.33	56011.32813	56023.99249	56023.99219	504395.5	5409498.7
T9500.0	504393.6	5409498.7	75842.60156	264.15	0	48.838447	-86.940124	56007.71	56246.9	3.15	56010.85	56010.85156	56023.55817	56023.55859	504393.6	5409498.7
T9500.0	504393.6	5409498.7	75842.70313	266.58	0	48.838447	-86.940124	56007.56	56246.9	3.15	56010.70	56010.69922	56023.16404	56023.16406	504393.6	5409498.7
T9500.0	504391.8	5409498.8	75842.79688	266.09	0	48.838448	-86.940149	56006.52	56246.9	3.15	56009.67	56009.67188	56022.60020	56022.60156	504391.8	5409498.8
T9500.0	504391.8	5409498.8	75842.89844	266.95	0	48.838448	-86.940149	56006.18	56246.9	3.15	56009.33	56009.32813	56022.14422	56022.14453	504391.8	5409498.8
T9500.0	504388.8	5409498.8	75843.00000	266.28	0	48.838448	-86.940190	56005.88	56246.8	3.15	56009.03	56009.03125	56021.69116	56021.69141	504388.8	5409498.8
T9500.0	504388.8	5409498.8	75843.10156	268.24	0	48.838448	-86.940190	56005.81	56246.9	3.15	56008.96	56008.96094	56023.30150	56023.30078	504388.8	5409498.8
T9500.0	504387.0	5409498.9	75843.20313	268.05	0	48.838449	-86.940215	56005.91	56246.9	3.15	56009.06	56009.05859	56022.78524	56022.78516	504387.0	5409498.9
T9500.0	504387.0	5409498.9	75843.29688	269.14	0	48.838449	-86.940215	56005.58	56246.9	3.15	56008.72	56008.71875	56022.31691	56022.31641	504387.0	5409498.9
T9500.0	504385.2	5409499.0	75843.39844	266.87	0	48.838449	-86.940239	56005.40	56246.9	3.15	56008.55	56008.55078	56021.86075	56021.85938	504385.2	5409499.0
T9500.0	504383.9	5409499.0	75843.50000	266.64	0	48.838450	-86.940257	56004.98	56246.9	3.14	56008.12	56008.12109	56021.43999	56021.44141	504383.9	5409499.0
T9500.0	504383.9	5409499.0	75843.60156	266.43	0	48.838450	-86.940257	56005.02	56246.9	3.14	56008.17	56008.17188	56021.03316	56021.03125	504383.9	5409499.0
T9500.0	504382.5	5409499.0	75843.70313	268.23	0	48.838450	-86.940275	56004.32	56246.9	3.14	56007.46	56007.46094	56020.67707	56020.67578	504382.5	5409499.0
T9500.0	504381.0	5409499.1	75843.79688	271.26	0	48.838451	-86.940297	56004.04	56246.9	3.14	56007.18	56007.17969	56020.34452	56020.34375	504381.0	5409499.1
T9500.0	504381.0	5409499.1	75843.89844	270.56	0	48.838451	-86.940297	56003.64	56246.9	3.14	56006.78	56006.78125	56020.05135	56020.05078	504381.0	5409499.1
T9500.0	504379.4	5409499.1	75844.00000	271.28	0	48.838451	-86.940318	56003.43	56246.9	3.14	56006.57	56006.57031	56019.79349	56019.79297	504379.4	5409499.1
T9500.0	504378.3	5409499.1	75844.10156	273.66	0	48.838451	-86.940333	56003.23	56246.9	3.14	56006.37	56006.37109	56019.57468	56019.57422	504378.3	5409499.1
T9500.0	504378.3	5409499.1	75844.20313	274.45	0	48.838451	-86.940333	56002.90	56246.9	3.15	56006.04	56006.03906	56019.40048	56019.40234	504378.3	5409499.1
T9500.0	504376.8	5409499.1	75844.29688	273.05	0	48.838451	-86.940353	56002.80	56246.9	3.15	56005.95	56005.94922	56019.25741	56019.25781	504376.8	5409499.1
T9500.0	504375.6	5409499.2	75844.39844	272.17	0	48.838451	-86.940369	56002.46	56246.8	3.15	56005.62	56005.62109	56019.16414	56019.16406	504375.6	5409499.2
T9500.0	504375.6	5409499.2	75844.50000	269.90	0	48.838451	-86.940369	56002.27	56246.8	3.15	56005.42	56005.42188	56019.10093	56019.10156	504375.6	5409499.2
T9500.0	504372.7	5409499.2	75844.60156	268.76	0	48.838452	-86.940409	56002.24	56246.8	3.16	56005.40	56005.39844	56017.47814	56017.47656	504372.7	5409499.2
T9500.0	504372.7	5409499.2	75844.70313	266.72	0	48.838452	-86.940409	56002.06	56246.8	3.16	56005.22	56005.21875	56017.47562	56017.47656	504372.7	5409499.2
T9500.0	504371.1	5409499.2	75844.79688	263.75	0	48.838452	-86.940430	56001.89	56246.8	3.16	56005.05	56005.05078	56017.49472	56017.49609	504371.1	5409499.2
T9500.0	504371.1	5409499.2	75844.89844	265.36	0	48.838452	-86.940430	56001.71	56246.8	3.17	56004.87	56004.87109	56017.52616	56017.52734	504371.1	5409499.2
T9500.0	504369.8	5409499.3	75845.00000	264.49	0	48.838452	-86.940449	56000.88	56246.8	3.17	56004.05	56004.05078	56017.48709	56017.48828	504369.8	5409499.3
T9500.0	504368.4	5409499.3	75845.10156	263.42	0	48.838452	-86.940468	56000.62	56246.8	3.17	56003.79	56003.78906	56017.52941	56017.53125	504368.4	5409499.3
T9500.0	504368.4	5409499.3	75845.20313	263.27	0	48.838452	-86.940468	56000.22	56246.8	3.16	56003.38	56003.37891	56017.55206	56017.55078	504368.4	5409499.3
T9500.0	504366.8	5409499.3	75845.29688	261.62	0	48.838452	-86.940490	55999.99	56246.8	3.16	56003.15	56003.14844	56017.57661	56017.57813	504366.8	5409499.3
T9500.0	504365.5	5409499.3	75845.39844	263.35	0	48.838452	-86.940507	55999.91	56246.8	3.15	56003.07	56003.07031	56017.58568	56017.58594	504365.5	5409499.3
T9500.0	504365.5	5409499.3	75845.50000	260.62	0	48.838452	-86.940507	55999.71	56246.9	3.15	56002.86	56002.85938	56017.55539	56017.55469	504365.5	5409499.3
T9500.0	504364.2	5409499.3	75845.60156	257.99	0	48.838453	-86.940526	55999.41	56246.9	3.15	56002.56	56002.55859	56017.48506	56017.48438	504364.2	5409499.3
T9500.0	504363.0	5409499.3	75845.70313	257.15	0	48.838452	-86.940541	55999.11	56246.9	3.14	56002.25	56002.25000	56017.37242	56017.37109	504363.0	5409499.3
T9500.0	504363.0	5409499.3	75845.79688	256.36	0	48.838452	-86.940541	55999.34	56246.9	3.14	56002.47	56002.46875	56017.21851	56017.21875	504363.0	5409499.3
T9500.0	504361.7	5409499.3	75845.89844	256.05	0	48.838452	-86.940559	55998.73	56246.9	3.13	56001.86	56001.85938	56017.00685	56017.00781	504361.7	5409499.3
T9500.0	504360.4	5409499.3	75846.00000	254.93	0	48.838452	-86.940577	55998.52	56246.9	3.13	56001.65	56001.64844	56016.75546	56016.75391	504360.4	5409499.3
T9500.0	504360.4	5409499.3	75846.10156	256.01	0	48.838452	-86.940577	55997.96	56246.9	3.13	56001.10	56001.10156	56016.45899	56016.46094	504360.4	5409499.3
T9500.0	504359.0	5409499.2	75846.20313	255.69	0	48.838452	-86.940596	55997.82	56246.9	3.14	56000.96	56000.96094	56016.13205	56016.13281	504359.0	5409499.2
T9500.0	504358.1	5409499.2	75846.29688	256.51	0	48.838452	-86.940609	55997.58	56246.9	3.14	56000.72	56000.71875	56015.77326	56015.77344	504358.1	5409499.2
T9500.0	504356.8	5409499.2	75846.39844	257.48	0	48.838452	-86.940626	55997.71	56246.9	3.14	56000.86	56000.85938	56015.40545	56015.40625	504356.8	5409499.2
T9500.0	504356.8	5409499.2	75846.50000	261.07	0	48.838452	-86.940626	55997.59	56246.9	3.15	56000.73	56000.73047	56015.01354	56015.01172	504356.8	5409499.2
T9500.0	504355.6	5409499.2	75846.60156	262.98	0	48.838452	-86.940643	55997.34	56246.9	3.15	56000.48	56000.48047	56014.60472	56014.60547	504355.6	5409499.2
T9500.0	504354.4	5409499.2	75846.70313	265.43	0	48.838452	-86.940658	55997.14	56246.8	3.15	56000.29	56000.28906	56014.19375	56014.19531	504354.4	5409499.2
T9500.0	504354.4	5409499.2	75846.79688	267.62	0	48.838452	-86.940658	55996.83	56246.8	3.15	55999.98	55999.98047	56013.77292	56013.77344	504354.4	5409499.2
T9500.0	504353.1	5409499.2	75846.89844	266.24	0	48.838452	-86.940676	55996.70	56246.8	3.16	55999.86	55999.85938	56013.36992	56013.37109	504353.1	5409499.2
T9500.0	504352.1	5409499.2	75847.00000	266.10	0	48.838452	-86.940690	55996.15	56246.8	3.16	55999.31	55999.30859	56012.92264	56012.92188	504352.1	5409499.2
T9500.0	504352.1	5409499.2	75847.10156	269.21	0	48.838452	-86.940690	55995.92	56246.8	3.16	55999.08	55999.07813	56012.51015	56012.51172	504352.1	5409499.2
T9500.0	504351.1	5409499.2	75847.20313	268.62	0	48.838452	-86.940703	55995.79	56246.8	3.15	55998.95	55998.94922	56012.11451	56012.11328	504351.1	5409499.2
T9500.0	504350.0	5409499.2	75847.29688	269.79	0	48.838452	-86.940719	55995.87	56246.8	3.15	55999.02	55999.01953	56011.75461	56011.75391	504350.0	5409499.2
T9500.0	504350.0	5409499.2	75847.39844	269.69	0	48.838452	-86.940719	55995.69	56246.9	3.15	55998.84	55998.83984	56011.36284	56011.36328	504350.0	5409499.2
T9500.0	504349.0	5409499.2	75847.50000	269.31	0	48.838452	-86.940732	55995.48	56246.9	3.14	55998.63	55998.62891	56010.97206	56010.97266	504349.0	5409499.2
T9500.0	504348.1	5409499.2	75847.60156	268.73	0	48.838452	-86.940745	55995.06	56246.9	3.14	55998.20	55998.19922	56010.54755	56010.54688	504348.1	5409499.2
T9500.0	504348.1	5409499.2	75847.70313	266.92	0	48.838452	-86.940745	55994.93	56246.9	3.14	55998.07	55998.07031	56010.18843	56010.18750	504348.1	5409499.2
T9500.0	504347.0	5409499.2	75847.79688	268.32	0	48.838452	-86.940760	55994.81	56246.9	3.14	55997.94	55997.94141	56011.26750	56011.26563	504347.0	5409499.2
T9500.0	504345.8	5409499.2	75847.89844	267.94	0	48.838452	-86.940775	55994.96	56246.9	3.13	55998.09	55998.08984	56010.88694	56010.88672	504345.8	5409499.2
T9500.0	504344.8	5409499.3	75848.00000	265.59	0	48.838453	-86.940790	55995.04	56246.9	3.13	55998.17	55998.17188	56010.53425	56010.53516	504344.8	5409499.3
T9500.0	504343.9	5409499.3	75848.10156	263.14	0	48.838453	-86.940801	55995.14	56246.9	3.13	55998.27	55998.26953	56010.19930	56010.19922	504343.9	5409499.3
T9500.0	504343.9	5409499.3	75848.20313	260.03	0	48.838453	-86.940801	55994.61	56246.9	3.14	55997.74	55997.73828	56009.91223	56009.91406	504343.9	5409499.3
T9500.0	504343.0	5409499.3	75848.29688	260.25	0	48.838453	-86.940815	55995.06	56246.9	3.14	55998.20	55998.19922	56009.62512	56009.62500	504343.0	5409499.3
T9500.0	504343.0	5409499.3	75848.39844	264.12	0	48.838453	-86.940815	55994.86	56246.9	3.14	55998.00	55998.00000	56009.39521	56009.39453	504343.0	5409499.3
T9500.0	504342.1	5409499.3	75848.50000	265.97	0	48.838453	-86.940826	55994.50	56246.9	3.14	55997.65	55997.64844	56009.19911	56009.19922	504342.1	5409499.3
T9500.0	504341.1	5409499.3	75848.60156	269.34	0	48.838453	-86.940839	55994.10	56246.9	3.15	55997.25	55997.25000	56009.03111	56009.03125	504341.1	5409499.3
T9500.0	504340.4	5409499.3	75848.70313	271.95	0	48.838453	-86.940849	55994.25	56246.8	3.15	55997.40	55997.39844	56008.87652	56008.87500	504340.4	5409499.3
T9500.0	504340.4	5409499.3	75848.79688	274.69	0	48.838453	-86.940849	55994.50	56246.8	3.15	55997.66	55997.66016	56008.73686	56008.73828	504340.4	5409499.3
T9500.0	504339.1	5409499.3	75848.89844	274.48	0	48.838453	-86.940867	55994.25	56246.8	3.16	55997.40	55997.39844	56008.62553	56008.62500	504339.1	5409499.3
T9500.0	504339.1	5409499.3	75849.00000	274.77	0	48.838453	-86.940867	55994.20	56246.8	3.16	55997.36	55997.35938	56008.51805	56008.51953	504339.1	5409499.3
T9500.0	504337.7	5409499.3	75849.10156	274.32	0	48.838453	-86.940885	55994.25	56246.8	3.16	55997.40	55997.39844	56008.41358	56008.41406	504337.7	5409499.3
T9500.0	504337.7	5409499.3	75849.20313	273.75	0	48.838453	-86.940885	55994.25	56246.8	3.16	55997.40	55997.39844	56008.31456	56008.31641	504337.7	5409499.3
T9500.0	504337.1	5409499.3	75849.29688	274.06	0	48.838453	-86.940894	55993.79	56246.8	3.15	55996.95	55996.94922	56008.24569	56008.24609	504337.1	5409499.3
T9500.0	504336.3	5409499.3	75849.39844	273.28	0	48.838453	-86.940905	55994.27	56246.8	3.15	55997.43	55997.42969	56008.11538	56008.11719	504336.3	5409499.3
T9500.0	504336.3	5409499.3	75849.50000	273.00	0	48.838453	-86.940905	55994.30	56246.8	3.15	55997.45	55997.44922	56008.00846	56008.00781	504336.3	5409499.3
T9500.0	504335.6	5409499.3	75849.60156	267.13	0	48.838453	-86.940915	55993.77	56246.9	3.15	55996.91	55996.91016	56007.94477	56007.94531	504335.6	5409499.3
T9500.0	504334.6	5409499.3	75849.70313	262.48	0	48.838453	-86.940928	55993.26	56246.9	3.15	55996.41	55996.41016	56006.88392	56006.88281	504334.6	5409499.3
T9500.0	504334.6	5409499.3	75849.79688	258.25	0	48.838453	-86.940928	55993.11	56246.9	3.14	55996.25	55996.25000	56006.77080	56006.76953	504334.6	5409499.3
T9500.0	504333.8	5409499.3	75849.89844	260.01	0	48.838453	-86.940939	55993.32	56246.9	3.14	55996.46	55996.46094	56006.72011	56006.71875	504333.8	5409499.3
T9500.0	504333.1	5409499.3	75850.00000	260.23	0	48.838453	-86.940949	55993.26	56246.9	3.14	55996.40	55996.39844	56006.60731	56006.60547	504333.1	5409499.3
T9500.0	504333.1	5409499.3	75850.10156	260.12	0	48.838453	-86.940949	55993.21	56246.9	3.14	55996.35	55996.35156	56006.48431	56006.48438	504333.1	5409499.3
T9500.0	504332.1	5409499.3	75850.20313	261.05	0	48.838453	-86.940962	55992.88	56246.9	3.14	55996.02	55996.01953	56006.29457	56006.29297	504332.1	5409499.3
T9500.0	504331.5	5409499.3	75850.29688	262.75	0	48.838453	-86.940971	55992.58	56246.9	3.14	55995.72	55995.71875	56006.09268	56006.09375	504331.5	5409499.3
T9500.0	504331.5	5409499.3	75850.39844	263.78	0	48.838453	-86.940971	55992.33	56246.9	3.14	55995.47	55995.46875	56005.87866	56005.87891	504331.5	5409499.3
T9500.0	504330.8	5409499.3	75850.50000	264.72	0	48.838453	-86.940980	55992.56	56246.9	3.14	55995.70	55995.69922	56005.73655	56005.73828	504330.8	5409499.3
T9500.0	504330.1	5409499.3	75850.60156	266.70	0	48.838453	-86.940990	55992.61	56246.9	3.14	55995.75	55995.75000	56005.54420	56005.54297	504330.1	5409499.3
T9500.0	504330.1	5409499.3	75850.70313	267.92	0	48.838453	-86.940990	55992.70	56246.9	3.14	55995.84	55995.83984	56006.12468	56006.12500	504330.1	5409499.3

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
T9500.0	504329.5	5409499.3	75850.79688	269.33	0	48.838453	-86.940997	55992.78	56246.9	3.14	55995.92	55995.92188	56005.84771	56005.84766	504329.5	5409499.3
T9500.0	504328.9	5409499.3	75850.89844	272.06	0	48.838453	-86.941006	55992.58	56246.9	3.14	55995.72	55995.71875	56005.57894	56005.57813	504328.9	5409499.3
T9500.0	504328.3	5409499.3	75851.00000	272.60	0	48.838453	-86.941014	55992.48	56246.9	3.14	55995.62	55995.62109	56005.29261	56005.29297	504328.3	5409499.3
T9500.0	504328.3	5409499.3	75851.10156	273.17	0	48.838453	-86.941014	55992.38	56246.9	3.14	55995.52	55995.51953	56004.99837	56005.00000	504328.3	5409499.3
T9500.0	504327.8	5409499.3	75851.20313	274.24	0	48.838453	-86.941022	55992.23	56246.9	3.14	55995.37	55995.37109	56004.70938	56004.71094	504327.8	5409499.3
T9500.0	504327.0	5409499.3	75851.29688	273.70	0	48.838453	-86.941031	55992.30	56246.9	3.14	55995.44	55995.44141	56004.43473	56004.43359	504327.0	5409499.3
T9500.0	504327.0	5409499.3	75851.39844	272.19	0	48.838453	-86.941031	55992.50	56246.9	3.14	55995.64	55995.64063	56004.19047	56004.19141	504327.0	5409499.3
T9500.0	504326.7	5409499.3	75851.50000	271.10	0	48.838453	-86.941036	55992.68	56246.9	3.14	55995.82	55995.82031	56003.97473	56003.97656	504326.7	5409499.3
T9500.0	504326.2	5409499.3	75851.60156	269.17	0	48.838453	-86.941042	55992.43	56246.9	3.14	55995.57	55995.57031	56003.77135	56003.76953	504326.2	5409499.3
T9500.0	504326.2	5409499.3	75851.70313	269.39	0	48.838453	-86.941042	55992.20	56246.9	3.14	55995.34	55995.33984	56003.58916	56003.58984	504326.2	5409499.3
T9500.0	504325.7	5409499.3	75851.79688	271.32	0	48.838453	-86.941049	55991.82	56246.9	3.14	55994.96	55994.96094	56003.42126	56003.42188	504325.7	5409499.3
T9500.0	504325.4	5409499.3	75851.89844	270.83	0	48.838453	-86.941054	55991.79	56246.9	3.14	55994.93	55994.92969	56003.28664	56003.28516	504325.4	5409499.3
T9500.0	504325.0	5409499.3	75852.00000	270.91	0	48.838453	-86.941059	55991.64	56246.9	3.14	55994.78	55994.78125	56003.16440	56003.16406	504325.0	5409499.3
T9500.0	504325.0	5409499.3	75852.10156	270.36	0	48.838453	-86.941059	55991.59	56246.9	3.14	55994.73	55994.73047	56003.06094	56003.06250	504325.0	5409499.3
T9500.0	504324.6	5409499.3	75852.20313	271.88	0	48.838453	-86.941064	55991.67	56246.9	3.14	55994.81	55994.80859	56002.97356	56002.97266	504324.6	5409499.3
T9500.0	504324.6	5409499.3	75852.29688	271.09	0	48.838453	-86.941064	55991.74	56246.9	3.14	55994.88	55994.87891	56002.89328	56002.89453	504324.6	5409499.3
T9500.0	504324.2	5409499.2	75852.39844	270.64	0	48.838452	-86.941070	55992.02	56246.9	3.14	55995.16	55995.16016	56002.82131	56002.82031	504324.2	5409499.2
T9500.0	504323.9	5409499.2	75852.50000	268.17	0	48.838452	-86.941074	55991.74	56246.9	3.14	55994.88	55994.87891	56002.73722	56002.73828	504323.9	5409499.2
T9500.0	504323.7	5409499.2	75852.60156	266.04	0	48.838452	-86.941076	55991.46	56246.9	3.13	55994.60	55994.60156	56002.65544	56002.65625	504323.7	5409499.2
T9500.0	504323.5	5409499.2	75852.70313	267.79	0	48.838452	-86.941080	55991.34	56246.9	3.13	55994.47	55994.46875	56002.57563	56002.57422	504323.5	5409499.2
T9500.0	504323.3	5409499.1	75852.79688	268.88	0	48.838452	-86.941082	55991.57	56246.9	3.13	55994.70	55994.69922	56002.49320	56002.49219	504323.3	5409499.1
T9500.0	504323.3	5409499.1	75852.89844	269.81	0	48.838452	-86.941082	55991.62	56246.9	3.13	55994.75	55994.75000	56002.40730	56002.40625	504323.3	5409499.1
T9840.0	505422.9	5409842.1	15980.70020	429.44	0	48.841528	-86.926092	56180.44	56239.6	10.45	56190.89	56190.89063	56192.37002	56192.37109	505422.9	5409842.1
T9840.0	505423.2	5409842.1	15980.79981	431.51	0	48.841528	-86.926089	56180.43	56239.6	10.44	56190.88	56190.87891	56190.91518	56190.91406	505423.2	5409842.1
T9840.0	505423.3	5409842.1	15980.90039	431.38	0	48.841528	-86.926087	56180.47	56239.6	10.44	56190.91	56190.91016	56190.45695	56190.45703	505423.3	5409842.1
T9840.0	505423.3	5409842.1	15981.00000	430.72	0	48.841528	-86.926087	56180.63	56239.6	10.44	56191.07	56191.07031	56193.12152	56193.12109	505423.3	5409842.1
T9840.0	505423.6	5409842.0	15981.09961	430.77	0	48.841528	-86.926083	56180.60	56239.6	10.44	56191.04	56191.03906	56191.33761	56191.33594	505423.6	5409842.0
T9840.0	505423.8	5409842.0	15981.20020	431.88	0	48.841527	-86.926080	56180.77	56239.6	10.44	56191.22	56191.21875	56194.56393	56194.56250	505423.8	5409842.0
T9840.0	505423.8	5409842.0	15981.29981	430.35	0	48.841527	-86.926080	56180.39	56239.6	10.45	56190.84	56190.83984	56184.58583	56184.58594	505423.8	5409842.0
T9840.0	505424.1	5409842.0	15981.40039	430.41	0	48.841527	-86.926076	56180.31	56239.6	10.45	56190.76	56190.76172	56181.74245	56181.74219	505424.1	5409842.0
T9840.0	505424.3	5409842.0	15981.50000	428.94	0	48.841527	-86.926073	56180.06	56239.6	10.45	56190.51	56190.51172	56174.91514	56174.91406	505424.3	5409842.0
T9840.0	505424.3	5409842.0	15981.59961	426.68	0	48.841527	-86.926073	56180.14	56239.5	10.45	56190.59	56190.58984	56175.92840	56175.92969	505424.3	5409842.0
T9840.0	505424.6	5409842.0	15981.70020	425.25	0	48.841527	-86.926070	56180.06	56239.5	10.45	56190.52	56190.51953	56173.42731	56173.42578	505424.6	5409842.0
T9840.0	505424.8	5409842.0	15981.79981	425.84	0	48.841527	-86.926066	56180.04	56239.5	10.46	56190.49	56190.48828	56171.90431	56171.90625	505424.8	5409842.0
T9840.0	505424.8	5409842.0	15981.90039	426.55	0	48.841527	-86.926066	56179.91	56239.5	10.46	56190.37	56190.37109	56168.28314	56168.28125	505424.8	5409842.0
T9840.0	505425.1	5409842.0	15982.00000	427.48	0	48.841527	-86.926062	56179.68	56239.5	10.46	56190.14	56190.14063	56162.08947	56162.08984	505425.1	5409842.0
T9840.0	505425.4	5409842.0	15982.09961	427.30	0	48.841527	-86.926058	56179.80	56239.5	10.46	56190.25	56190.25000	56163.96578	56163.96484	505425.4	5409842.0
T9840.0	505425.4	5409842.0	15982.20020	425.82	0	48.841527	-86.926058	56179.71	56239.5	10.46	56190.16	56190.16016	56161.13864	56161.13672	505425.4	5409842.0
T9840.0	505425.8	5409842.0	15982.29981	428.33	0	48.841528	-86.926053	56179.98	56239.5	10.45	56190.44	56190.44141	56167.08909	56167.08984	505425.8	5409842.0
T9840.0	505426.2	5409842.1	15982.40039	429.74	0	48.841528	-86.926048	56180.27	56239.5	10.45	56190.72	56190.71875	56173.06488	56173.06641	505426.2	5409842.1
T9840.0	505426.2	5409842.1	15982.50000	429.46	0	48.841528	-86.926048	56180.64	56239.5	10.45	56191.09	56191.08984	56181.19407	56181.19531	505426.2	5409842.1
T9840.0	505426.2	5409842.1	15982.59961	429.93	0	48.841528	-86.926048	56180.63	56239.6	10.45	56191.07	56191.07031	56180.12285	56180.12109	505426.2	5409842.1
T9840.0	505426.7	5409842.1	15982.70020	430.14	0	48.841528	-86.926041	56180.85	56239.6	10.45	56191.30	56191.30078	56184.98842	56184.98828	505426.7	5409842.1
T9840.0	505427.1	5409842.2	15982.79981	431.24	0	48.841529	-86.926036	56180.93	56239.6	10.44	56191.37	56191.37109	56186.09287	56186.09375	505427.1	5409842.2
T9840.0	505427.6	5409842.2	15982.90039	431.59	0	48.841529	-86.926029	56180.92	56239.6	10.44	56191.36	56191.35938	56185.32818	56185.32813	505427.6	5409842.2
T9840.0	505427.6	5409842.2	15983.00000	432.23	0	48.841529	-86.926029	56181.18	56239.6	10.44	56191.62	56191.62109	56190.97262	56190.97266	505427.6	5409842.2
T9840.0	505428.2	5409842.2	15983.09961	431.01	0	48.841530	-86.926020	56181.28	56239.6	10.44	56191.72	56191.71875	56192.85555	56192.85547	505428.2	5409842.2
T9840.0	505428.8	5409842.3	15983.20020	429.91	0	48.841530	-86.926012	56181.73	56239.6	10.44	56192.16	56192.16016	56202.80333	56202.80469	505428.8	5409842.3
T9840.0	505428.8	5409842.3	15983.29981	429.31	0	48.841530	-86.926012	56181.64	56239.6	10.43	56192.08	56192.07813	56200.47489	56200.47656	505428.8	5409842.3
T9840.0	505429.4	5409842.3	15983.40039	431.32	0	48.841530	-86.926004	56182.16	56239.6	10.43	56192.59	56192.58984	56212.12484	56212.12500	505429.4	5409842.3
T9840.0	505430.0	5409842.4	15983.50000	431.62	0	48.841531	-86.925996	56182.19	56239.6	10.43	56192.62	56192.62109	56212.44527	56212.44531	505430.0	5409842.4
T9840.0	505430.6	5409842.4	15983.59961	429.97	0	48.841531	-86.925988	56182.46	56239.6	10.43	56192.89	56192.89063	56218.46643	56218.46484	505430.6	5409842.4
T9840.0	505430.6	5409842.4	15983.70020	430.15	0	48.841531	-86.925988	56182.62	56239.6	10.43	56193.05	56193.05078	56221.91042	56221.91016	505430.6	5409842.4
T9840.0	505431.4	5409842.5	15983.79981	430.27	0	48.841531	-86.925977	56182.49	56239.6	10.42	56192.91	56192.91016	56218.28381	56218.28516	505431.4	5409842.5
T9840.0	505431.9	5409842.5	15983.90039	429.77	0	48.841532	-86.925970	56182.53	56239.6	10.42	56192.95	56192.94922	56218.94045	56218.94141	505431.9	5409842.5
T9840.0	505431.9	5409842.5	15984.00000	429.41	0	48.841532	-86.925970	56182.57	56239.6	10.42	56192.99	56192.98828	56219.62359	56219.62500	505431.9	5409842.5
T9840.0	505432.5	5409842.5	15984.09961	429.66	0	48.841532	-86.925962	56182.41	56239.6	10.42	56192.83	56192.82813	56215.60345	56215.60156	505432.5	5409842.5
T9840.0	505432.5	5409842.5	15984.20020	430.49	0	48.841532	-86.925962	56182.36	56239.6	10.42	56192.78	56192.78125	56214.21313	56214.21484	505432.5	5409842.5
T9840.0	505433.2	5409842.6	15984.29981	429.80	0	48.841532	-86.925952	56182.52	56239.6	10.42	56192.94	56192.94141	56217.81875	56217.82031	505433.2	5409842.6
T9840.0	505433.8	5409842.6	15984.40039	427.65	0	48.841533	-86.925944	56182.46	56239.6	10.42	56192.89	56192.89063	56216.48712	56216.48828	505433.8	5409842.6
T9840.0	505434.6	5409842.7	15984.50000	428.23	0	48.841533	-86.925933	56182.48	56239.6	10.42	56192.90	56192.89844	56216.60537	56216.60547	505434.6	5409842.7
T9840.0	505434.6	5409842.7	15984.59961	430.00	0	48.841533	-86.925933	56182.41	56239.6	10.43	56192.84	56192.83984	56215.09964	56215.10156	505434.6	5409842.7
T9840.0	505435.2	5409842.7	15984.70020	428.46	0	48.841534	-86.925924	56182.32	56239.6	10.43	56192.74	56192.73828	56212.68050	56212.67969	505435.2	5409842.7
T9840.0	505435.9	5409842.7	15984.79981	428.90	0	48.841534	-86.925916	56182.34	56239.6	10.43	56192.77	56192.76953	56213.36993	56213.37109	505435.9	5409842.7
T9840.0	505436.6	5409842.8	15984.90039	428.59	0	48.841534	-86.925905	56182.39	56239.6	10.43	56192.82	56192.82031	56214.56719	56214.56641	505436.6	5409842.8
T9840.0	505436.6	5409842.8	15985.00000	432.22	0	48.841534	-86.925905	56182.32	56239.6	10.43	56192.75	56192.75000	56212.96198	56212.96094	505436.6	5409842.8
T9840.0	505437.5	5409842.8	15985.09961	431.85	0	48.841534	-86.925893	56182.34	56239.6	10.43	56192.77	56192.76953	56213.52244	56213.52344	505437.5	5409842.8
T9840.0	505437.5	5409842.8	15985.20020	431.65	0	48.841534	-86.925893	56182.29	56239.6	10.43	56192.72	56192.71875	56212.46522	56212.46484	505437.5	5409842.8
T9840.0	505439.1	5409842.8	15985.29981	432.25	0	48.841534	-86.925872	56181.98	56239.6	10.43	56192.41	56192.41016	56205.29745	56205.29688	505439.1	5409842.8
T9840.0	505439.1	5409842.8	15985.40039	433.79	0	48.841534	-86.925872	56181.96	56239.6	10.43	56192.39	56192.39063	56205.02912	56205.02734	505439.1	5409842.8
T9840.0	505439.8	5409842.8	15985.50000	434.76	0	48.841534	-86.925862	56181.91	56239.6	10.43	56192.34	56192.33984	56204.09250	56204.09375	505439.8	5409842.8
T9840.0	505439.8	5409842.8	15985.59961	435.39	0	48.841534	-86.925862	56181.86	56239.6	10.43	56192.29	56192.28906	56203.19826	56203.19922	505439.8	5409842.8
T9840.0	505440.6	5409842.8	15985.70020	435.09	0	48.841534	-86.925851	56181.79	56239.6	10.43	56192.22	56192.21875	56201.87441	56201.87500	505440.6	5409842.8
T9840.0	505441.5	5409842.8	15985.79981	436.78	0	48.841534	-86.925840	56181.38	56239.6	10.43	56191.81	56191.80859	56192.55320	56192.55469	505441.5	5409842.8
T9840.0	505441.5	5409842.8	15985.90039	435.17	0	48.841534	-86.925840	56181.36	56239.6	10.43	56191.79	56191.78906	56192.50203	56192.50391	505441.5	5409842.8
T9840.0	505442.5	5409842.8	15986.00000	433.84	0	48.841534	-86.925826	56181.27	56239.6	10.43	56191.70	56191.69922	56190.84174	56190.83984	505442.5	5409842.8
T9840.0	505443.1	5409842.7	15986.09961	433.84	0	48.841534	-86.925817	56181.38	56239.6	10.43	56191.81	56191.80859	56193.95954	56193.96094	505443.1	5409842.7
T9840.0	505443.9	5409842.7	15986.20020	434.77	0	48.841533	-86.925806	56181.52	56239.6	10.43	56191.95	56191.94922	56197.83543	56197.83594	505443.9	5409842.7
T9840.0	505443.9	5409842.7	15986.29981	434.63	0	48.841533	-86.925806	56181.59	56239.6	10.43	56192.01	56192.01172	56199.86860	56199.86719	505443.9	5409842.7
T9840.0	505444.7	5409842.7	15986.40039	433.14	0	48.841533	-86.925795	56181.04	56239.6	10.43	56191.47	56191.46875	56187.76060	56187.76172	505444.7	5409842.7
T9840.0	505444.7	5409842.7	15986.50000	431.61	0	48.841533	-86.925795	56181.08	56239.6	10.42	56191.50	56191.50000	56189.18581	56189.18750	505444.7	5409842.7
T9840.0	505446.7	5409842.6	15986.59961	431.80	0	48.841533	-86.925768	56180.80	56239.6	10.42	56191.22	56191.21875	56183.33082	56183.33203	505446.7	5409842.6
T9840.0	505447.4	5409842.6	15986.70020	431.72	0	48.841533	-86.925758	56180.93	56239.6	10.42	56191.35	56191.35156	56187.22628	56187.22656	505447.4	5409842.6
T9840.0	505447.4	5409842.6	15986.79981	431.23	0	48.841533	-86.925758	56180.86	56239.6	10.42	56191.28	56191.28125	56186.44486	56186.44531	505447.4	5409842.6
T9840.0	505448.3	5409842.6	15986.90039	430.30	0	48.841532	-86.925746	56180.77	56239.6	10.42	56191.19	56191.19141	56185.24477	56185.24609	505448.3	5409842.6
T9840.0	505449.1	5409842.6	15987.00000	430.10	0	48.841532	-86.925736	56180.75	56239.6	10.42	56191.17	56191.17188	56185.75539	56185.75391	505449.1	5409842.6
T9840.0	505450.0	5409842.6	15987.09961	430.83	0	48.841532	-86.925723	56180.57	56239.6	10.42	56191.00	56191.00000	56182.77380	56182.77344	505450.0	5409842.6
T9840.0	505450.0	5409842.6	15987.20020	431.45	0	48.841532	-86.925723	56180.68	56239.6	10.42	56191.10	56191.10156	56186.23466	56186.23438	505450.0	5409842.6
T9840.0	505451.1	5409842.5	15987.29981	433.53	0	48.841532	-86.925709	56180.51	56239.6	10.42	56190.93	56190.92969	56183.36612	56183.36719	505451.1	5409842.5
T9840.0	505452.1	5409842.5	15987.40039	434.23	0	48.841532	-86.925694	56180.42	56239.6	10.42	56190.84	56190.83984	56182.44707	56182.44531	505452.1	5409842.5
T9840.0	505452.1	5409842.5	15987.50000	432.94	0	48.841532	-86.925694	56180.42	56239.6	10.43	56190.84	56190.83984	56183.71449	56183.71484	505452.1	5409842.5
T9840.0	505453.0	5409842.5	15987.59961	434.18	0	48.841532	-86.925682	56180.39	56239.6	10.43	56190.82	56190.82031	56184.56698	56184.56641	505453.0	5409842.5
T9840.0	505454.2	5409842.5	15987.70020	431.95	0	48.841532	-86.925666	56180.16	56239.6	10.43	56190.59	56190.58984	56180.51090	56180.51172	505454.2	5409842.5

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
T9840.0	505455.1	5409842.5	15987.79981	432.90	0	48.841532	-86.925654	56179.98	56239.6	10.43	56190.41	56190.41016	56177.69623	56177.69531	505455.1	5409842.5
T9840.0	505455.1	5409842.5	15987.90039	433.86	0	48.841532	-86.925654	56179.98	56239.6	10.43	56190.41	56190.41016	56179.19806	56179.19922	505455.1	5409842.5
T9840.0	505457.0	5409842.5	15988.00000	432.92	0	48.841532	-86.925628	56180.02	56239.6	10.43	56190.45	56190.44922	56181.70522	56181.70703	505457.0	5409842.5
T9840.0	505457.0	5409842.5	15988.09961	431.19	0	48.841532	-86.925628	56179.86	56239.6	10.43	56190.29	56190.28906	56179.54126	56179.54297	505457.0	5409842.5
T9840.0	505458.2	5409842.5	15988.20020	431.40	0	48.841532	-86.925612	56179.76	56239.6	10.43	56190.18	56190.17969	56178.61943	56178.62109	505458.2	5409842.5
T9840.0	505458.2	5409842.5	15988.29981	431.55	0	48.841532	-86.925612	56179.56	56239.6	10.42	56189.98	56189.98047	56175.62844	56175.62891	505458.2	5409842.5
T9840.0	505459.5	5409842.5	15988.40039	433.21	0	48.841532	-86.925593	56179.49	56239.6	10.42	56189.91	56189.91016	56175.77188	56175.77344	505459.5	5409842.5
T9840.0	505460.8	5409842.5	15988.50000	433.05	0	48.841532	-86.925576	56179.23	56239.6	10.42	56189.65	56189.64844	56171.48090	56171.48047	505460.8	5409842.5
T9840.0	505461.8	5409842.6	15988.59961	432.68	0	48.841532	-86.925562	56179.25	56239.6	10.42	56189.67	56189.67188	56173.87214	56173.87109	505461.8	5409842.6
T9840.0	505461.8	5409842.6	15988.70020	435.02	0	48.841532	-86.925562	56179.02	56239.6	10.42	56189.44	56189.44141	56170.40964	56170.41016	505461.8	5409842.6
T9840.0	505462.8	5409842.6	15988.79981	433.24	0	48.841532	-86.925548	56179.11	56239.6	10.41	56189.53	56189.53125	56174.57522	56174.57422	505462.8	5409842.6
T9840.0	505462.8	5409842.6	15988.90039	432.10	0	48.841532	-86.925548	56179.07	56239.6	10.41	56189.49	56189.48828	56175.72503	56175.72656	505462.8	5409842.6
T9840.0	505464.0	5409842.6	15989.00000	433.25	0	48.841532	-86.925532	56179.10	56239.6	10.41	56189.51	56189.51172	56178.35284	56178.35156	505464.0	5409842.6
T9840.0	505465.2	5409842.6	15989.09961	433.04	0	48.841532	-86.925516	56178.75	56239.6	10.41	56189.16	56189.16016	56172.28779	56172.28906	505465.2	5409842.6
T9840.0	505465.2	5409842.6	15989.20020	429.71	0	48.841532	-86.925516	56178.63	56239.6	10.41	56189.04	56189.03906	56171.72112	56171.72266	505465.2	5409842.6
T9840.0	505466.5	5409842.6	15989.29981	431.27	0	48.841532	-86.925498	56178.64	56239.6	10.41	56189.05	56189.05078	56174.28727	56174.28906	505466.5	5409842.6
T9840.0	505467.6	5409842.6	15989.40039	431.08	0	48.841532	-86.925484	56178.50	56239.6	10.41	56188.91	56188.91016	56173.36315	56173.36328	505467.6	5409842.6
T9840.0	505468.7	5409842.6	15989.50000	430.00	0	48.841532	-86.925469	56178.59	56239.6	10.41	56189.00	56189.00000	56177.93636	56177.93750	505468.7	5409842.6
T9840.0	505468.7	5409842.6	15989.59961	431.27	0	48.841532	-86.925469	56178.45	56239.6	10.41	56188.86	56188.85938	56177.12632	56177.12500	505468.7	5409842.6
T9840.0	505470.3	5409842.6	15989.70020	431.80	0	48.841532	-86.925447	56178.31	56239.6	10.41	56188.72	56188.71875	56176.37267	56176.37109	505470.3	5409842.6
T9840.0	505471.4	5409842.6	15989.79981	430.30	0	48.841532	-86.925432	56178.09	56239.6	10.41	56188.50	56188.50000	56173.78277	56173.78125	505471.4	5409842.6
T9840.0	505471.4	5409842.6	15989.90039	430.51	0	48.841532	-86.925432	56178.12	56239.6	10.41	56188.53	56188.53125	56177.16148	56177.16016	505471.4	5409842.6
T9840.0	505472.5	5409842.6	15990.00000	428.58	0	48.841532	-86.925417	56178.18	56239.6	10.41	56188.59	56188.58984	56181.30475	56181.30469	505472.5	5409842.6
T9840.0	505473.8	5409842.6	15990.09961	429.87	0	48.841532	-86.925399	56177.96	56239.6	10.41	56188.38	56188.37891	56179.11630	56179.11719	505473.8	5409842.6
T9840.0	505474.7	5409842.6	15990.20020	429.00	0	48.841532	-86.925387	56177.76	56239.6	10.41	56188.17	56188.17188	56176.98180	56176.98047	505474.7	5409842.6
T9840.0	505474.7	5409842.6	15990.29981	428.13	0	48.841532	-86.925387	56177.56	56239.6	10.41	56187.97	56187.96875	56175.13723	56175.13672	505474.7	5409842.6
T9840.0	505475.8	5409842.6	15990.40039	428.88	0	48.841532	-86.925372	56177.59	56239.6	10.41	56188.00	56188.00000	56178.78562	56178.78516	505475.8	5409842.6
T9840.0	505477.3	5409842.6	15990.50000	431.81	0	48.841532	-86.925352	56177.47	56239.6	10.41	56187.88	56187.87891	56178.93844	56178.93750	505477.3	5409842.6
T9840.0	505478.2	5409842.6	15990.59961	433.34	0	48.841532	-86.925339	56177.34	56239.6	10.41	56187.75	56187.75000	56178.90649	56178.90625	505478.2	5409842.6
T9840.0	505478.2	5409842.6	15990.70020	433.78	0	48.841532	-86.925339	56177.03	56239.6	10.41	56187.44	56187.44141	56174.66827	56174.66797	505478.2	5409842.6
T9840.0	505479.5	5409842.6	15990.79981	433.34	0	48.841532	-86.925321	56176.95	56239.6	10.41	56187.36	56187.35938	56175.92076	56175.92188	505479.5	5409842.6
T9840.0	505480.6	5409842.6	15990.90039	434.14	0	48.841532	-86.925306	56176.86	56239.6	10.41	56187.27	56187.26953	56176.98678	56176.98828	505480.6	5409842.6
T9840.0	505482.0	5409842.6	15991.00000	433.10	0	48.841532	-86.925287	56176.75	56239.6	10.41	56187.16	56187.16016	56177.62924	56177.62891	505482.0	5409842.6
T9840.0	505482.0	5409842.6	15991.09961	432.66	0	48.841532	-86.925287	56176.46	56239.6	10.41	56186.88	56186.87891	56174.29968	56174.30078	505482.0	5409842.6
T9840.0	505483.5	5409842.6	15991.20020	433.15	0	48.841532	-86.925267	56176.27	56239.6	10.41	56186.68	56186.67969	56172.91071	56172.91016	505483.5	5409842.6
T9840.0	505483.5	5409842.6	15991.29981	432.11	0	48.841532	-86.925267	56176.18	56239.6	10.41	56186.59	56186.58984	56174.17133	56174.17188	505483.5	5409842.6
T9840.0	505485.0	5409842.6	15991.40039	431.95	0	48.841532	-86.925246	56175.96	56239.6	10.41	56186.37	56186.37109	56172.40438	56172.40625	505485.0	5409842.6
T9840.0	505486.2	5409842.6	15991.50000	431.26	0	48.841532	-86.925230	56175.87	56239.6	10.41	56186.28	56186.28125	56173.75900	56173.75781	505486.2	5409842.6
T9840.0	505486.2	5409842.6	15991.59961	430.25	0	48.841532	-86.925230	56175.73	56239.6	10.41	56186.14	56186.14063	56173.97721	56173.97656	505486.2	5409842.6
T9840.0	505487.4	5409842.6	15991.70020	428.55	0	48.841532	-86.925213	56175.44	56239.6	10.41	56185.85	56185.85156	56170.69322	56170.69141	505487.4	5409842.6
T9840.0	505489.0	5409842.6	15991.79981	428.23	0	48.841532	-86.925192	56175.30	56239.6	10.41	56185.71	56185.71094	56171.00231	56171.00391	505489.0	5409842.6
T9840.0	505490.1	5409842.6	15991.90039	428.01	0	48.841532	-86.925176	56175.14	56239.6	10.41	56185.55	56185.55078	56170.88306	56170.88281	505490.1	5409842.6
T9840.0	505490.1	5409842.6	15992.00000	428.92	0	48.841532	-86.925176	56174.81	56239.6	10.41	56185.22	56185.21875	56166.78710	56166.78516	505490.1	5409842.6
T9840.0	505491.3	5409842.6	15992.09961	428.70	0	48.841533	-86.925160	56174.75	56239.6	10.41	56185.16	56185.16016	56169.12111	56169.12109	505491.3	5409842.6
T9840.0	505492.6	5409842.6	15992.20020	427.82	0	48.841533	-86.925142	56174.55	56239.6	10.40	56184.95	56184.94922	56167.95057	56167.94922	505492.6	5409842.6
T9840.0	505492.6	5409842.6	15992.29981	429.38	0	48.841533	-86.925142	56174.22	56239.6	10.40	56184.62	56184.62109	56163.98463	56163.98438	505492.6	5409842.6
T9840.0	505494.3	5409842.7	15992.40039	428.97	0	48.841533	-86.925119	56174.22	56239.6	10.39	56184.61	56184.60938	56167.63002	56167.62891	505494.3	5409842.7
T9840.0	505494.3	5409842.7	15992.50000	430.81	0	48.841533	-86.925119	56173.91	56239.6	10.39	56184.30	56184.30078	56164.22175	56164.22266	505494.3	5409842.7
T9840.0	505496.0	5409842.7	15992.59961	429.15	0	48.841533	-86.925097	56173.74	56239.6	10.39	56184.12	56184.12109	56163.93007	56163.92969	505496.0	5409842.7
T9840.0	505497.4	5409842.7	15992.70020	427.90	0	48.841533	-86.925078	56173.63	56239.6	10.38	56184.01	56184.01172	56165.33546	56165.33594	505497.4	5409842.7
T9840.0	505498.8	5409842.7	15992.79981	427.27	0	48.841533	-86.925058	56173.36	56239.6	10.38	56183.74	56183.73828	56162.99750	56162.99609	505498.8	5409842.7
T9840.0	505498.8	5409842.7	15992.90039	427.85	0	48.841533	-86.925058	56173.23	56239.6	10.37	56183.60	56183.60156	56163.77512	56163.77344	505498.8	5409842.7
T9840.0	505500.2	5409842.7	15993.00000	428.44	0	48.841533	-86.925039	56172.98	56239.6	10.37	56183.35	56183.35156	56161.99142	56161.99219	505500.2	5409842.7
T9840.0	505500.2	5409842.7	15993.09961	427.45	0	48.841533	-86.925039	56172.52	56239.6	10.37	56182.89	56182.89063	56155.28084	56155.28125	505500.2	5409842.7
T9840.0	505501.5	5409842.7	15993.20020	431.19	0	48.841533	-86.925021	56172.31	56239.6	10.37	56182.68	56182.67969	56154.52333	56154.52344	505501.5	5409842.7
T9840.0	505503.0	5409842.7	15993.29981	432.89	0	48.841533	-86.925001	56172.31	56239.6	10.38	56182.68	56182.67969	56158.77253	56158.77344	505503.0	5409842.7
T9840.0	505504.6	5409842.8	15993.40039	432.52	0	48.841533	-86.924979	56172.15	56239.6	10.38	56182.53	56182.53125	56159.51329	56159.51172	505504.6	5409842.8
T9840.0	505504.6	5409842.8	15993.50000	433.95	0	48.841533	-86.924979	56171.98	56239.6	10.38	56182.36	56182.35938	56159.82024	56159.82031	505504.6	5409842.8
T9840.0	505505.9	5409842.8	15993.59961	433.82	0	48.841534	-86.924962	56171.74	56239.6	10.38	56182.12	56182.12109	56158.51056	56158.51172	505505.9	5409842.8
T9840.0	505507.1	5409842.8	15993.70020	433.68	0	48.841534	-86.924945	56171.59	56239.6	10.38	56181.97	56181.96875	56159.36847	56159.36719	505507.1	5409842.8
T9840.0	505507.1	5409842.8	15993.79981	433.34	0	48.841534	-86.924945	56171.26	56239.6	10.39	56181.64	56181.64063	56156.00762	56156.00781	505507.1	5409842.8
T9840.0	505508.7	5409842.8	15993.90039	431.84	0	48.841534	-86.924923	56170.90	56239.6	10.39	56181.29	56181.28906	56152.21226	56152.21094	505508.7	5409842.8
T9840.0	505510.5	5409842.8	15994.00000	431.27	0	48.841534	-86.924899	56170.79	56239.6	10.39	56181.18	56181.17969	56154.13193	56154.13281	505510.5	5409842.8
T9840.0	505510.5	5409842.8	15994.09961	427.96	0	48.841534	-86.924899	56170.60	56239.6	10.39	56180.99	56180.98828	56154.19766	56154.19922	505510.5	5409842.8
T9840.0	505511.9	5409842.9	15994.20020	427.64	0	48.841534	-86.924879	56170.36	56239.6	10.39	56180.75	56180.75000	56153.11891	56153.11719	505511.9	5409842.9
T9840.0	505513.2	5409842.9	15994.29981	427.72	0	48.841534	-86.924862	56170.22	56239.6	10.39	56180.61	56180.60938	56154.44345	56154.44531	505513.2	5409842.9
T9840.0	505513.2	5409842.9	15994.40039	427.09	0	48.841534	-86.924862	56169.96	56239.6	10.39	56180.35	56180.35156	56152.96759	56152.96875	505513.2	5409842.9
T9840.0	505514.8	5409842.9	15994.50000	428.92	0	48.841534	-86.924839	56169.72	56239.6	10.39	56180.11	56180.10938	56152.00260	56152.00391	505514.8	5409842.9
T9840.0	505514.8	5409842.9	15994.59961	431.12	0	48.841534	-86.924839	56169.49	56239.6	10.39	56179.88	56179.87891	56151.31183	56151.31250	505514.8	5409842.9
T9840.0	505516.4	5409842.9	15994.70020	433.03	0	48.841534	-86.924818	56169.21	56239.6	10.39	56179.60	56179.60156	56149.47603	56149.47656	505516.4	5409842.9
T9840.0	505517.9	5409842.9	15994.79981	434.06	0	48.841535	-86.924797	56169.02	56239.6	10.39	56179.41	56179.41016	56149.80645	56149.80469	505517.9	5409842.9
T9840.0	505519.2	5409842.9	15994.90039	435.57	0	48.841535	-86.924780	56168.64	56239.6	10.39	56179.03	56179.03125	56145.68025	56145.67969	505519.2	5409842.9
T9840.0	505519.2	5409842.9	15995.00000	436.12	0	48.841535	-86.924780	56168.50	56239.6	10.39	56178.89	56178.89063	56147.26792	56147.26953	505519.2	5409842.9
T9840.0	505520.9	5409842.9	15995.09961	436.14	0	48.841535	-86.924757	56168.16	56239.6	10.39	56178.55	56178.55078	56144.16220	56144.16406	505520.9	5409842.9
T9840.0	505520.9	5409842.9	15995.20020	436.65	0	48.841535	-86.924757	56168.07	56239.6	10.39	56178.46	56178.46094	56147.00662	56147.00781	505520.9	5409842.9
T9840.0	505522.4	5409842.9	15995.29981	435.57	0	48.841535	-86.924736	56167.84	56239.6	10.39	56178.23	56178.23047	56146.57650	56146.57813	505522.4	5409842.9
T9840.0	505523.7	5409842.9	15995.40039	433.80	0	48.841535	-86.924719	56167.52	56239.6	10.39	56177.91	56177.91016	56144.05433	56144.05469	505523.7	5409842.9
T9840.0	505525.2	5409842.9	15995.50000	434.60	0	48.841535	-86.924699	56167.27	56239.6	10.39	56177.66	56177.66016	56143.22432	56143.22266	505525.2	5409842.9
T9840.0	505525.2	5409842.9	15995.59961	432.22	0	48.841535	-86.924699	56166.99	56239.6	10.39	56177.38	56177.37891	56141.72102	56141.72266	505525.2	5409842.9
T9840.0	505526.7	5409842.9	15995.70020	431.11	0	48.841535	-86.924677	56166.93	56239.6	10.39	56177.32	56177.32031	56145.45733	56145.45703	505526.7	5409842.9
T9840.0	505526.7	5409842.9	15995.79981	429.91	0	48.841535	-86.924677	56166.61	56239.6	10.39	56177.00	56177.00000	56143.07978	56143.07813	505526.7	5409842.9
T9840.0	505528.4	5409843.0	15995.90039	429.74	0	48.841535	-86.924655	56166.25	56239.6	10.39	56176.64	56176.64063	56139.79164	56139.79297	505528.4	5409843.0
T9840.0	505528.4	5409843.0	15996.00000	428.01	0	48.841535	-86.924655	56165.97	56239.6	10.39	56176.36	56176.35938	56138.43091	56138.42969	505528.4	5409843.0
T9840.0	505530.1	5409843.0	15996.09961	428.67	0	48.841535	-86.924631	56165.85	56239.6	10.39	56176.24	56176.23828	56140.88947	56140.89063	505530.1	5409843.0
T9840.0	505531.7	5409843.0	15996.20020	427.17	0	48.841535	-86.924609	56165.67	56239.6	10.39	56176.06	56176.05859	56141.96335	56141.96484	505531.7	5409843.0
T9840.0	505533.5	5409843.0	15996.29981	428.00	0	48.841535	-86.924585	56165.34	56239.6	10.39	56175.73	56175.73047	56139.52341	56139.52344	505533.5	5409843.0
T9840.0	505533.5	5409843.0	15996.40039	427.16	0	48.841535	-86.924585	56164.91	56239.6	10.39	56175.30	56175.30078	56134.75181	56134.75000	505533.5	5409843.0
T9840.0	505534.8	5409843.0	15996.50000	428.38	0	48.841535	-86.924568	56164.78	56239.6	10.39	56175.18	56175.17969	56137.34561	56137.34375	505534.8	5409843.0
T9840.0	505534.8	5409843.0	15996.59961	430.04	0	48.841535	-86.924568	56164.48	56239.6	10.40	56174.88	56174.87891	56135.71450	56135.71484	505534.8	5409843.0
T9840.0	505536.3	5409843.0	15996.70020	428.55	0	48.841535	-86.924547	56164.22	56239.6	10.40	56174.62	56174.62109	56135.06143	56135.06250	505536.3	5409843.0
T9840.0	505537.6	5409843.0	15996.79981	428.68	0	48.841535	-86.924530	56163.95	56239.6	10.40	56174.35	56174.35156	56134.20313	56134.20313	505537.6	5409843.0
T9840.0	505538.9	5409843.0	15996.90039	428.89	0	48.841535	-86.924511	56163.60	56239.6	10.40	56174.00	56174.00000	56131.48321	56131.48438	505538.9	5409843.0
T9840.0	505538.9	5409843.0	15997.00000	427.97	0	48.841535	-86.924511	56163.52	56239.6	10.40	56173.92	56173.92188	56135.17929	56135.17969	505538.9	5409843.0

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
T9840.0	505540.2	5409843.0	15997.09961	430.03	0	48.841535	-86.924494	56163.28	56239.6	10.40	56173.68	56173.67969	56135.11995	56135.12109	505540.2	5409843.0
T9840.0	505541.5	5409843.0	15997.20020	430.12	0	48.841535	-86.924477	56163.00	56239.6	10.39	56173.39	56173.39063	56133.90607	56133.90625	505541.5	5409843.0
T9840.0	505543.2	5409843.0	15997.29981	431.22	0	48.841535	-86.924453	56162.63	56239.6	10.39	56173.02	56173.01953	56130.82711	56130.82813	505543.2	5409843.0
T9840.0	505543.2	5409843.0	15997.40039	430.90	0	48.841535	-86.924453	56162.26	56239.6	10.39	56172.65	56172.64844	56127.77427	56127.77344	505543.2	5409843.0
T9840.0	505544.7	5409843.0	15997.50000	431.67	0	48.841535	-86.924432	56162.02	56239.6	10.39	56172.41	56172.41016	56127.82126	56127.82031	505544.7	5409843.0
T9840.0	505546.3	5409843.0	15997.59961	431.09	0	48.841535	-86.924411	56161.75	56239.6	10.38	56172.13	56172.12891	56126.94599	56126.94531	505546.3	5409843.0
T9840.0	505546.3	5409843.0	15997.70020	431.17	0	48.841535	-86.924411	56161.45	56239.6	10.38	56171.83	56171.82813	56125.62024	56125.62109	505546.3	5409843.0
T9840.0	505547.6	5409843.0	15997.79981	431.93	0	48.841535	-86.924393	56161.20	56239.6	10.38	56171.58	56171.57813	56125.49838	56125.50000	505547.6	5409843.0
T9840.0	505549.1	5409843.0	15997.90039	431.91	0	48.841535	-86.924372	56160.88	56239.6	10.37	56171.26	56171.26172	56123.74069	56123.74219	505549.1	5409843.0
T9840.0	505550.5	5409843.0	15998.00000	432.88	0	48.841535	-86.924354	56160.56	56239.6	10.37	56170.93	56170.92969	56121.76481	56121.76563	505550.5	5409843.0
T9840.0	505550.5	5409843.0	15998.09961	431.46	0	48.841535	-86.924354	56160.26	56239.6	10.37	56170.63	56170.62891	56120.51527	56120.51563	505550.5	5409843.0
T9840.0	505552.0	5409843.0	15998.20020	431.18	0	48.841536	-86.924333	56159.93	56239.6	10.37	56170.30	56170.30078	56118.57126	56118.57031	505552.0	5409843.0
T9840.0	505553.8	5409843.1	15998.29981	433.21	0	48.841536	-86.924309	56159.60	56239.6	10.37	56169.97	56169.96875	56116.64057	56116.64063	505553.8	5409843.1
T9840.0	505553.8	5409843.1	15998.40039	434.39	0	48.841536	-86.924309	56159.36	56239.6	10.37	56169.73	56169.73047	56116.85010	56116.85156	505553.8	5409843.1
T9840.0	505555.1	5409843.1	15998.50000	435.29	0	48.841536	-86.924291	56159.32	56239.6	10.38	56169.70	56169.69922	56122.03619	56122.03516	505555.1	5409843.1
T9840.0	505556.6	5409843.1	15998.59961	434.61	0	48.841536	-86.924271	56159.09	56239.6	10.38	56169.47	56169.46875	56122.49926	56122.50000	505556.6	5409843.1
T9840.0	505557.8	5409843.1	15998.70020	436.09	0	48.841536	-86.924254	56158.80	56239.6	10.38	56169.17	56169.17188	56121.31198	56121.31250	505557.8	5409843.1
T9840.0	505557.8	5409843.1	15998.79981	435.24	0	48.841536	-86.924254	56158.23	56239.6	10.38	56168.60	56168.60156	56113.74160	56113.74219	505557.8	5409843.1
T9840.0	505559.4	5409843.1	15998.90039	435.34	0	48.841536	-86.924233	56157.88	56239.6	10.38	56168.26	56168.26172	56111.61206	56111.61328	505559.4	5409843.1
T9840.0	505560.5	5409843.1	15999.00000	434.38	0	48.841536	-86.924217	56157.56	56239.6	10.38	56167.93	56167.92969	56109.71734	56109.71875	505560.5	5409843.1
T9840.0	505560.5	5409843.1	15999.09961	434.86	0	48.841536	-86.924217	56157.38	56239.6	10.38	56167.75	56167.75000	56111.36625	56111.36719	505560.5	5409843.1
T9840.0	505562.1	5409843.1	15999.20020	432.83	0	48.841536	-86.924196	56156.99	56239.6	10.38	56167.37	56167.37109	56108.27772	56108.27734	505562.1	5409843.1
T9840.0	505563.2	5409843.1	15999.29981	430.43	0	48.841536	-86.924180	56156.71	56239.6	10.38	56167.09	56167.08984	56107.54477	56107.54297	505563.2	5409843.1
T9840.0	505564.8	5409843.1	15999.40039	430.84	0	48.841536	-86.924159	56156.66	56239.6	10.38	56167.04	56167.03906	56112.23934	56112.23828	505564.8	5409843.1
T9840.0	505564.8	5409843.1	15999.50000	430.69	0	48.841536	-86.924159	56156.14	56239.6	10.38	56166.52	56166.51953	56105.80166	56105.80078	505564.8	5409843.1
T9840.0	505566.2	5409843.2	15999.59961	430.82	0	48.841536	-86.924140	56155.86	56239.6	10.37	56166.23	56166.23047	56104.78543	56104.78516	505566.2	5409843.2
T9840.0	505567.6	5409843.2	15999.70020	429.56	0	48.841536	-86.924120	56155.48	56239.6	10.37	56165.85	56165.85156	56101.61862	56101.61719	505567.6	5409843.2
T9840.0	505567.6	5409843.2	15999.79981	429.12	0	48.841536	-86.924120	56155.29	56239.6	10.37	56165.67	56165.67188	56103.15717	56103.15625	505567.6	5409843.2
T9840.0	505569.0	5409843.2	15999.90039	430.21	0	48.841536	-86.924101	56154.95	56239.6	10.37	56165.32	56165.32031	56100.64621	56100.64453	505569.0	5409843.2
T9840.0	505571.0	5409843.2	16000.00000	430.49	0	48.841537	-86.924074	56154.70	56239.6	10.37	56165.07	56165.07031	56100.46839	56100.46875	505571.0	5409843.2
T9840.0	505572.3	5409843.2	16000.09961	430.20	0	48.841537	-86.924057	56154.54	56239.6	10.37	56164.91	56164.91016	56102.38354	56102.38281	505572.3	5409843.2
T9840.0	505572.3	5409843.2	16000.20020	429.37	0	48.841537	-86.924057	56154.16	56239.6	10.37	56164.53	56164.53125	56099.05562	56099.05469	505572.3	5409843.2
T9840.0	505573.6	5409843.2	16000.29981	429.82	0	48.841537	-86.924038	56153.93	56239.6	10.37	56164.30	56164.30078	56099.23221	56099.23047	505573.6	5409843.2
T9840.0	505575.0	5409843.2	16000.40039	429.37	0	48.841537	-86.924020	56153.58	56239.6	10.37	56163.94	56163.94141	56096.28663	56096.28516	505575.0	5409843.2
T9840.0	505575.0	5409843.2	16000.50000	428.78	0	48.841537	-86.924020	56153.28	56239.6	10.37	56163.65	56163.64844	56094.94531	56094.94531	505575.0	5409843.2
T9840.0	505576.5	5409843.2	16000.59961	428.91	0	48.841537	-86.923999	56152.92	56239.6	10.36	56163.28	56163.28125	56091.65619	56091.65625	505576.5	5409843.2
T9840.0	505576.5	5409843.2	16000.70020	427.41	0	48.841537	-86.923999	56152.80	56239.6	10.36	56163.16	56163.16016	56094.22032	56094.21875	505576.5	5409843.2
T9840.0	505579.6	5409843.2	16000.79981	423.73	0	48.841537	-86.923957	56152.46	56239.6	10.36	56162.82	56162.82031	56091.51660	56091.51563	505579.6	5409843.2
T9840.0	505579.6	5409843.2	16000.90039	424.70	0	48.841537	-86.923957	56152.29	56239.6	10.36	56162.65	56162.64844	56092.76505	56092.76563	505579.6	5409843.2
T9840.0	505580.9	5409843.2	16001.00000	423.59	0	48.841537	-86.923939	56151.91	56239.6	10.36	56162.27	56162.26953	56088.97310	56088.97266	505580.9	5409843.2
T9840.0	505582.6	5409843.2	16001.09961	424.20	0	48.841537	-86.923916	56151.56	56239.6	10.36	56161.92	56161.92188	56085.81267	56085.81250	505582.6	5409843.2
T9840.0	505582.6	5409843.2	16001.20020	421.54	0	48.841537	-86.923916	56151.40	56239.6	10.36	56161.76	56161.76172	56087.06340	56087.06250	505582.6	5409843.2
T9840.0	505584.3	5409843.2	16001.29981	419.98	0	48.841537	-86.923893	56151.18	56239.6	10.36	56161.54	56161.53906	56086.80726	56086.80859	505584.3	5409843.2
T9840.0	505586.0	5409843.2	16001.40039	416.66	0	48.841537	-86.923869	56150.92	56239.6	10.36	56161.28	56161.28125	56085.51235	56085.51172	505586.0	5409843.2
T9840.0	505586.0	5409843.2	16001.50000	416.89	0	48.841537	-86.923869	56150.63	56239.6	10.36	56160.99	56160.98828	56083.41013	56083.41016	505586.0	5409843.2
T9840.0	505587.6	5409843.2	16001.59961	416.66	0	48.841537	-86.923847	56150.24	56239.6	10.36	56160.60	56160.60156	56078.83980	56078.83984	505587.6	5409843.2
T9840.0	505589.1	5409843.2	16001.70020	417.51	0	48.841537	-86.923828	56150.04	56239.6	10.36	56160.40	56160.39844	56078.65539	56078.65625	505589.1	5409843.2
T9840.0	505590.6	5409843.2	16001.79981	416.76	0	48.841537	-86.923807	56149.92	56239.6	10.36	56160.28	56160.28125	56080.24982	56080.25000	505590.6	5409843.2
T9840.0	505590.6	5409843.2	16001.90039	415.19	0	48.841537	-86.923807	56149.54	56239.6	10.36	56159.90	56159.89844	56075.57587	56075.57422	505590.6	5409843.2
T9840.0	505592.2	5409843.2	16002.00000	419.22	0	48.841537	-86.923785	56149.51	56239.6	10.36	56159.87	56159.87109	56079.05616	56079.05469	505592.2	5409843.2
T9840.0	505593.8	5409843.2	16002.09961	419.99	0	48.841537	-86.923763	56149.27	56239.6	10.36	56159.63	56159.62891	56077.43979	56077.44141	505593.8	5409843.2
T9840.0	505595.2	5409843.2	16002.20020	422.89	0	48.841537	-86.923744	56149.00	56239.6	10.36	56159.36	56159.35938	56074.97865	56074.98047	505595.2	5409843.2
T9840.0	505595.2	5409843.2	16002.29981	425.21	0	48.841537	-86.923744	56148.70	56239.6	10.36	56159.06	56159.05859	56071.66714	56071.66797	505595.2	5409843.2
T9840.0	505596.9	5409843.2	16002.40039	427.35	0	48.841537	-86.923722	56148.42	56239.6	10.36	56158.78	56158.78125	56068.68224	56068.68359	505596.9	5409843.2
T9840.0	505596.9	5409843.2	16002.50000	427.59	0	48.841537	-86.923722	56148.39	56239.6	10.36	56158.75	56158.75000	56071.45835	56071.45703	505596.9	5409843.2
T9840.0	505599.1	5409843.2	16002.59961	427.90	0	48.841537	-86.923691	56148.22	56239.6	10.36	56158.58	56158.57813	56070.76524	56070.76563	505599.1	5409843.2
T9840.0	505600.5	5409843.2	16002.70020	431.02	0	48.841537	-86.923672	56147.92	56239.6	10.36	56158.28	56158.28125	56066.83365	56066.83203	505600.5	5409843.2
T9840.0	505600.5	5409843.2	16002.79981	430.61	0	48.841537	-86.923672	56147.61	56239.6	10.36	56157.97	56157.96875	56062.49612	56062.49609	505600.5	5409843.2
T9840.0	505602.0	5409843.2	16002.90039	433.37	0	48.841537	-86.923652	56147.40	56239.6	10.36	56157.76	56157.76172	56060.34860	56060.34766	505602.0	5409843.2
T9840.0	505603.6	5409843.2	16003.00000	432.60	0	48.841537	-86.923630	56147.34	56239.6	10.36	56157.70	56157.69922	56061.56791	56061.56641	505603.6	5409843.2
T9840.0	505603.6	5409843.2	16003.09961	433.53	0	48.841537	-86.923630	56147.28	56239.6	10.36	56157.64	56157.64063	56062.60031	56062.60156	505603.6	5409843.2
T9840.0	505605.0	5409843.2	16003.20020	432.91	0	48.841537	-86.923611	56147.01	56239.6	10.36	56157.37	56157.37109	56058.47293	56058.47266	505605.0	5409843.2
T9840.0	505606.4	5409843.2	16003.29981	432.44	0	48.841537	-86.923591	56146.88	56239.6	10.36	56157.24	56157.23828	56057.45834	56057.45703	505606.4	5409843.2
T9840.0	505608.1	5409843.2	16003.40039	432.96	0	48.841537	-86.923569	56146.62	56239.6	10.36	56156.99	56156.98828	56053.40106	56053.40234	505608.1	5409843.2
T9840.0	505608.1	5409843.2	16003.50000	431.45	0	48.841537	-86.923569	56146.50	56239.6	10.36	56156.86	56156.85938	56051.97189	56051.97266	505608.1	5409843.2
T9840.0	505609.8	5409843.2	16003.59961	431.82	0	48.841537	-86.923545	56146.42	56239.6	10.37	56156.79	56156.78906	56051.74590	56051.74609	505609.8	5409843.2
T9840.0	505611.5	5409843.2	16003.70020	432.78	0	48.841536	-86.923523	56146.14	56239.6	10.37	56156.51	56156.51172	56046.33116	56046.33203	505611.5	5409843.2
T9840.0	505611.5	5409843.2	16003.79981	433.32	0	48.841536	-86.923523	56146.19	56239.6	10.37	56156.56	56156.55859	56048.49435	56048.49609	505611.5	5409843.2
T9840.0	505613.4	5409843.2	16003.90039	435.80	0	48.841536	-86.923496	56146.09	56239.6	10.37	56156.46	56156.46094	56046.87659	56046.87500	505613.4	5409843.2
T9840.0	505614.6	5409843.2	16004.00000	435.60	0	48.841536	-86.923480	56146.07	56239.6	10.37	56156.44	56156.44141	56046.91235	56046.91406	505614.6	5409843.2
T9840.0	505614.6	5409843.2	16004.09961	435.80	0	48.841536	-86.923480	56146.02	56239.6	10.37	56156.39	56156.39063	56045.99433	56045.99609	505614.6	5409843.2
T9840.0	505615.7	5409843.2	16004.20020	435.25	0	48.841536	-86.923465	56145.84	56239.6	10.37	56156.21	56156.21094	56041.75179	56041.75000	505615.7	5409843.2
T9840.0	505617.2	5409843.2	16004.29981	435.92	0	48.841536	-86.923445	56145.82	56239.6	10.37	56156.18	56156.17969	56040.80206	56040.80078	505617.2	5409843.2
T9840.0	505618.9	5409843.2	16004.40039	436.33	0	48.841536	-86.923421	56145.74	56239.6	10.37	56156.10	56156.10156	56038.40933	56038.41016	505618.9	5409843.2
T9840.0	505620.6	5409843.2	16004.50000	436.40	0	48.841536	-86.923399	56145.56	56239.6	10.37	56155.92	56155.92188	56033.38575	56033.38672	505620.6	5409843.2
T9840.0	505620.6	5409843.2	16004.59961	436.70	0	48.841536	-86.923399	56145.56	56239.6	10.36	56155.92	56155.92188	56032.34893	56032.34766	505620.6	5409843.2
T9840.0	505622.5	5409843.2	16004.70020	435.38	0	48.841536	-86.923372	56145.66	56239.6	10.36	56156.03	56156.03125	56033.63818	56033.63672	505622.5	5409843.2
T9840.0	505622.5	5409843.2	16004.79981	433.45	0	48.841536	-86.923372	56145.64	56239.6	10.36	56156.00	56156.00000	56031.33547	56031.33594	505622.5	5409843.2
T9840.0	505623.9	5409843.2	16004.90039	432.47	0	48.841536	-86.923353	56145.66	56239.6	10.36	56156.03	56156.03125	56030.16656	56030.16797	505623.9	5409843.2
T9840.0	505625.6	5409843.2	16005.00000	433.12	0	48.841536	-86.923330	56145.69	56239.6	10.36	56156.05	56156.05078	56028.47112	56028.47266	505625.6	5409843.2
T9840.0	505625.6	5409843.2	16005.09961	434.41	0	48.841536	-86.923330	56145.74	56239.6	10.36	56156.10	56156.10156	56027.19077	56027.19141	505625.6	5409843.2
T9840.0	505627.0	5409843.2	16005.20020	433.62	0	48.841536	-86.923311	56145.87	56239.6	10.36	56156.23	56156.23047	56027.50378	56027.50391	505627.0	5409843.2
T9840.0	505628.6	5409843.2	16005.29981	433.37	0	48.841536	-86.923289	56145.96	56239.6	10.36	56156.32	56156.32031	56026.56765	56026.56641	505628.6	5409843.2
T9840.0	505630.1	5409843.2	16005.40039	433.98	0	48.841536	-86.923268	56145.99	56239.6	10.36	56156.35	56156.35156	56023.90529	56023.90625	505630.1	5409843.2
T9840.0	505630.1	5409843.2	16005.50000	435.54	0	48.841536	-86.923268	56146.02	56239.6	10.36	56156.38	56156.37891	56020.93198	56020.93359	505630.1	5409843.2
T9840.0	505632.1	5409843.2	16005.59961	433.57	0	48.841536	-86.923242	56146.04	56239.6	10.36	56156.40	56156.39844	56017.40751	56017.40625	505632.1	5409843.2
T9840.0	505632.1	5409843.2	16005.70020	432.99	0	48.841536	-86.923242	56146.22	56239.6	10.36	56156.58	56156.57813	56017.34928	56017.34766	505632.1	5409843.2
T9840.0	505633.7	5409843.2	16005.79981	432.99	0	48.841536	-86.923220	56146.42	56239.6	10.36	56156.78	56156.78125	56017.44263	56017.44141	505633.7	5409843.2
T9840.0	505635.3	5409843.2	16005.90039	433.11	0	48.841536	-86.923198	56146.57	56239.6	10.36	56156.93	56156.92969	56016.02873	56016.02734	505635.3	5409843.2
T9840.0	505635.3	5409843.2	16006.00000	433.76	0	48.841536	-86.923198	56146.88	56239.6	10.36	56157.24	56157.23828	56018.07169	56018.07031	505635.3	5409843.2
T9840.0	505637.0	5409843.2	16006.09961	433.56	0	48.841536	-86.923175	56146.91	56239.6	10.36	56157.27	56157.26953	56013.16164	56013.16016	505637.0	5409843.2
T9840.0	505639.0	5409843.2	16006.20020	432.75	0	48.841536	-86.923148	56147.23	56239.6	10.36	56157.59	56157.58984	56014.77805	56014.77734	505639.0	5409843.2
T9840.0	505640.6	5409843.2	16006.29981	432.51	0	48.841536	-86.923126	56147.43	56239.6	10.37	56157.79	56157.78906	56013.22104	56013.22266	505640.6	5409843.2

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
T9840.0	505640.6	5409843.2	16006.40039	429.34	0	48.841536	-86.923126	56147.72	56239.6	10.37	56158.09	56158.08984	56013.69212	56013.69141	505640.6	5409843.2
T9840.0	505641.9	5409843.2	16006.50000	428.95	0	48.841536	-86.923108	56148.06	56239.6	10.37	56158.43	56158.42969	56014.77026	56014.76953	505641.9	5409843.2
T9840.0	505643.4	5409843.2	16006.59961	429.42	0	48.841536	-86.923088	56148.27	56239.6	10.37	56158.64	56158.64063	56012.43292	56012.43359	505643.4	5409843.2
T9840.0	505644.7	5409843.2	16006.70020	429.56	0	48.841536	-86.923069	56148.55	56239.6	10.37	56158.92	56158.92188	56011.40922	56011.41016	505644.7	5409843.2
T9840.0	505644.7	5409843.2	16006.79981	426.60	0	48.841536	-86.923069	56148.85	56239.6	10.38	56159.23	56159.23047	56010.75191	56010.75000	505644.7	5409843.2
T9840.0	505646.4	5409843.2	16006.90039	422.07	0	48.841536	-86.923047	56149.31	56239.6	10.38	56159.69	56159.69141	56013.29840	56013.29688	505646.4	5409843.2
T9840.0	505647.9	5409843.2	16007.00000	419.92	0	48.841536	-86.923027	56149.61	56239.6	10.38	56159.99	56159.98828	56011.71573	56011.71484	505647.9	5409843.2
T9840.0	505649.2	5409843.2	16007.09961	416.91	0	48.841536	-86.923008	56150.07	56239.6	10.38	56160.45	56160.44922	56013.57231	56013.57422	505649.2	5409843.2
T9840.0	505649.2	5409843.2	16007.20020	416.76	0	48.841536	-86.923008	56150.57	56239.6	10.38	56160.94	56160.94141	56015.79316	56015.79297	505649.2	5409843.2
T9840.0	505650.6	5409843.2	16007.29981	414.71	0	48.841536	-86.922989	56150.90	56239.6	10.38	56161.28	56161.28125	56014.12090	56014.12109	505650.6	5409843.2
T9840.0	505652.4	5409843.2	16007.40039	414.09	0	48.841536	-86.922964	56151.25	56239.6	10.38	56161.63	56161.62891	56012.34030	56012.33984	505652.4	5409843.2
T9840.0	505652.4	5409843.2	16007.50000	413.66	0	48.841536	-86.922964	56151.78	56239.6	10.38	56162.16	56162.16016	56014.47289	56014.47266	505652.4	5409843.2
T9840.0	505654.3	5409843.2	16007.59961	413.96	0	48.841536	-86.922939	56152.34	56239.6	10.37	56162.72	56162.71875	56016.97167	56016.97266	505654.3	5409843.2
T9840.0	505656.0	5409843.2	16007.70020	415.26	0	48.841536	-86.922916	56152.86	56239.6	10.37	56163.23	56163.23047	56017.94554	56017.94531	505656.0	5409843.2
T9840.0	505657.5	5409843.2	16007.79981	417.59	0	48.841536	-86.922896	56153.30	56239.6	10.37	56163.67	56163.67188	56016.92283	56016.92188	505657.5	5409843.2
T9840.0	505657.5	5409843.2	16007.90039	420.31	0	48.841536	-86.922896	56153.75	56239.6	10.37	56164.13	56164.12891	56016.03391	56016.03516	505657.5	5409843.2
T9840.0	505659.2	5409843.2	16008.00000	423.03	0	48.841536	-86.922871	56154.44	56239.6	10.37	56164.81	56164.80859	56020.01120	56020.01172	505659.2	5409843.2
T9840.0	505659.2	5409843.2	16008.09961	422.54	0	48.841536	-86.922871	56155.02	56239.6	10.37	56165.39	56165.39063	56021.28800	56021.28906	505659.2	5409843.2
T9840.0	505660.8	5409843.2	16008.20020	423.13	0	48.841536	-86.922850	56155.63	56239.6	10.37	56165.99	56165.98828	56022.70505	56022.70313	505660.8	5409843.2
T9840.0	505662.4	5409843.2	16008.29981	425.64	0	48.841536	-86.922829	56156.20	56239.6	10.37	56166.56	56166.55859	56023.08236	56023.08203	505662.4	5409843.2
T9840.0	505663.8	5409843.3	16008.40039	427.74	0	48.841536	-86.922810	56156.64	56239.6	10.37	56167.01	56167.01172	56020.29410	56020.29297	505663.8	5409843.3
T9840.0	505663.8	5409843.3	16008.50000	428.20	0	48.841536	-86.922810	56157.53	56239.6	10.36	56167.89	56167.89063	56027.35235	56027.35156	505663.8	5409843.3
T9840.0	505666.1	5409843.3	16008.59961	429.54	0	48.841537	-86.922779	56158.14	56239.6	10.36	56168.51	56168.51172	56027.94022	56027.94141	505666.1	5409843.3
T9840.0	505667.5	5409843.3	16008.70020	429.65	0	48.841537	-86.922760	56158.82	56239.6	10.36	56169.18	56169.17969	56029.39365	56029.39453	505667.5	5409843.3
T9840.0	505667.5	5409843.3	16008.79981	429.65	0	48.841537	-86.922760	56159.34	56239.6	10.36	56169.71	56169.71094	56027.22250	56027.22266	505667.5	5409843.3
T9840.0	505669.1	5409843.3	16008.90039	429.27	0	48.841537	-86.922737	56160.03	56239.6	10.36	56170.39	56170.39063	56028.29013	56028.28906	505669.1	5409843.3
T9840.0	505670.9	5409843.3	16009.00000	428.60	0	48.841537	-86.922713	56160.79	56239.6	10.36	56171.15	56171.14844	56030.94518	56030.94531	505670.9	5409843.3
T9840.0	505670.9	5409843.3	16009.09961	430.62	0	48.841537	-86.922713	56161.53	56239.6	10.36	56171.89	56171.89063	56032.82694	56032.82813	505670.9	5409843.3
T9840.0	505672.6	5409843.3	16009.20020	433.29	0	48.841537	-86.922690	56162.43	56239.6	10.36	56172.80	56172.80078	56038.43416	56038.43359	505672.6	5409843.3
T9840.0	505673.8	5409843.3	16009.29981	435.32	0	48.841537	-86.922673	56163.24	56239.6	10.36	56173.61	56173.60938	56041.38560	56041.38672	505673.8	5409843.3
T9840.0	505673.8	5409843.3	16009.40039	436.77	0	48.841537	-86.922673	56164.10	56239.6	10.36	56174.46	56174.46094	56044.99780	56044.99609	505673.8	5409843.3
T9840.0	505676.1	5409843.4	16009.50000	437.80	0	48.841537	-86.922642	56164.79	56239.6	10.37	56175.16	56175.16016	56044.78213	56044.78125	505676.1	5409843.4
T9840.0	505677.6	5409843.4	16009.59961	437.26	0	48.841538	-86.922622	56165.66	56239.6	10.37	56176.03	56176.03125	56048.31296	56048.31250	505677.6	5409843.4
T9840.0	505677.6	5409843.4	16009.70020	436.14	0	48.841538	-86.922622	56166.56	56239.6	10.37	56176.93	56176.92969	56052.28467	56052.28516	505677.6	5409843.4
T9840.0	505679.0	5409843.4	16009.79981	436.46	0	48.841538	-86.922602	56167.55	56239.6	10.37	56177.92	56177.92188	56058.12230	56058.12109	505679.0	5409843.4
T9840.0	505680.8	5409843.4	16009.90039	435.42	0	48.841538	-86.922578	56168.30	56239.6	10.37	56178.67	56178.67188	56058.02658	56058.02734	505680.8	5409843.4
T9840.0	505681.9	5409843.4	16010.00000	435.42	0	48.841538	-86.922563	56169.16	56239.6	10.37	56179.53	56179.53125	56060.28212	56060.28125	505681.9	5409843.4
T9840.0	505681.9	5409843.4	16010.00000	435.30	0	48.841538	-86.922563	56170.09	56239.6	10.37	56180.46	56180.46094	56063.94918	56063.94922	505681.9	5409843.4
T9840.0	505683.6	5409843.4	16010.20020	433.84	0	48.841538	-86.922540	56171.11	56239.6	10.37	56181.48	56181.48047	56069.50733	56069.50781	505683.6	5409843.4
T9840.0	505685.0	5409843.5	16010.29981	434.15	0	48.841538	-86.922520	56171.95	56239.6	10.37	56182.32	56182.32031	56070.57699	56070.57813	505685.0	5409843.5
T9840.0	505687.0	5409843.5	16010.40039	433.75	0	48.841538	-86.922493	56172.76	56239.6	10.37	56183.13	56183.12891	56070.71279	56070.71094	505687.0	5409843.5
T9840.0	505688.4	5409843.5	16010.50000	432.71	0	48.841538	-86.922474	56173.76	56239.6	10.38	56184.14	56184.14063	56075.36170	56075.36328	505688.4	5409843.5
T9840.0	505688.4	5409843.5	16010.59961	431.59	0	48.841538	-86.922474	56174.68	56239.6	10.38	56185.06	56185.05859	56077.67140	56077.67188	505688.4	5409843.5
T9840.0	505690.2	5409843.5	16010.70020	431.26	0	48.841538	-86.922450	56175.91	56239.6	10.38	56186.29	56186.28906	56087.10999	56087.10938	505690.2	5409843.5
T9840.0	505690.2	5409843.5	16010.79981	429.75	0	48.841538	-86.922450	56176.80	56239.6	10.38	56187.17	56187.17188	56088.07386	56088.07422	505690.2	5409843.5
T9840.0	505692.4	5409843.5	16010.90039	428.15	0	48.841538	-86.922420	56177.74	56239.6	10.38	56188.12	56188.12109	56090.50431	56090.50391	505692.4	5409843.5
T9840.0	505693.9	5409843.5	16011.00000	428.96	0	48.841538	-86.922400	56178.74	56239.6	10.38	56189.12	56189.12109	56093.93551	56093.93359	505693.9	5409843.5
T9840.0	505693.9	5409843.5	16011.09961	429.62	0	48.841538	-86.922400	56179.64	56239.6	10.38	56190.02	56190.01953	56094.82687	56094.82813	505693.9	5409843.5
T9840.0	505695.6	5409843.5	16011.20020	430.11	0	48.841538	-86.922376	56180.89	56239.6	10.38	56191.27	56191.26953	56103.82938	56103.82813	505695.6	5409843.5
T9840.0	505697.1	5409843.5	16011.29981	428.71	0	48.841538	-86.922356	56181.71	56239.6	10.38	56192.09	56192.08984	56102.50139	56102.50000	505697.1	5409843.5
T9840.0	505698.7	5409843.5	16011.40039	427.15	0	48.841538	-86.922334	56182.79	56239.6	10.38	56193.17	56193.17188	56107.17052	56107.17188	505698.7	5409843.5
T9840.0	505698.7	5409843.5	16011.50000	424.67	0	48.841538	-86.922334	56183.84	56239.6	10.38	56194.21	56194.21094	56110.74840	56110.75000	505698.7	5409843.5
T9840.0	505700.5	5409843.5	16011.59961	422.36	0	48.841538	-86.922309	56184.94	56239.6	10.37	56195.32	56195.32031	56115.84415	56115.84375	505700.5	5409843.5
T9840.0	505702.2	5409843.5	16011.70020	421.85	0	48.841538	-86.922286	56185.81	56239.6	10.37	56196.18	56196.17969	56114.89630	56114.89453	505702.2	5409843.5
T9840.0	505702.2	5409843.5	16011.79981	421.63	0	48.841538	-86.922286	56186.86	56239.6	10.37	56197.23	56197.23047	56118.31931	56118.32031	505702.2	5409843.5
T9840.0	505704.2	5409843.5	16011.90039	419.73	0	48.841538	-86.922259	56188.09	56239.6	10.37	56198.46	56198.46094	56125.88393	56125.88281	505704.2	5409843.5
T9840.0	505705.6	5409843.5	16012.00000	418.83	0	48.841538	-86.922239	56189.18	56239.6	10.37	56199.55	56199.55078	56130.02858	56130.02734	505705.6	5409843.5
T9840.0	505705.6	5409843.5	16012.09961	420.21	0	48.841538	-86.922239	56190.07	56239.6	10.37	56200.45	56200.44922	56129.57778	56129.57813	505705.6	5409843.5
T9840.0	505707.3	5409843.5	16012.20020	419.47	0	48.841538	-86.922216	56191.20	56239.6	10.37	56201.57	56201.57031	56134.23622	56134.23438	505707.3	5409843.5
T9840.0	505707.3	5409843.5	16012.29981	418.65	0	48.841538	-86.922216	56192.31	56239.6	10.37	56202.69	56202.69141	56138.80735	56138.80859	505707.3	5409843.5
T9840.0	505708.8	5409843.5	16012.40039	419.60	0	48.841538	-86.922196	56193.21	56239.6	10.37	56203.59	56203.58984	56138.09455	56138.09375	505708.8	5409843.5
T9840.0	505710.4	5409843.5	16012.50000	418.93	0	48.841538	-86.922174	56194.41	56239.6	10.38	56204.78	56204.78125	56144.16748	56144.16797	505710.4	5409843.5
T9840.0	505712.1	5409843.5	16012.59961	419.30	0	48.841538	-86.922151	56195.47	56239.6	10.38	56205.85	56205.85156	56147.33533	56147.33594	505712.1	5409843.5
T9840.0	505712.1	5409843.5	16012.70020	421.55	0	48.841538	-86.922151	56196.66	56239.6	10.38	56207.03	56207.03125	56153.04481	56153.04297	505712.1	5409843.5
T9840.0	505713.6	5409843.5	16012.79981	424.04	0	48.841538	-86.922131	56197.70	56239.6	10.38	56208.08	56208.07813	56155.62582	56155.62500	505713.6	5409843.5
T9840.0	505715.4	5409843.5	16012.90039	423.52	0	48.841538	-86.922106	56198.63	56239.6	10.38	56209.00	56209.00000	56155.08473	56155.08594	505715.4	5409843.5
T9840.0	505715.4	5409843.5	16013.00000	423.30	0	48.841538	-86.922106	56199.82	56239.6	10.38	56210.20	56210.19922	56161.12533	56161.12500	505715.4	5409843.5
T9840.0	505717.4	5409843.5	16013.09961	423.13	0	48.841538	-86.922080	56200.91	56239.6	10.38	56211.29	56211.28906	56164.52922	56164.52734	505717.4	5409843.5
T9840.0	505718.7	5409843.5	16013.20020	423.73	0	48.841538	-86.922061	56202.04	56239.6	10.38	56212.42	56212.42188	56168.85023	56168.85156	505718.7	5409843.5
T9840.0	505720.1	5409843.5	16013.29981	427.76	0	48.841538	-86.922041	56203.01	56239.6	10.38	56213.39	56213.39063	56169.36362	56169.36328	505720.1	5409843.5
T9840.0	505720.1	5409843.5	16013.40039	429.39	0	48.841538	-86.922041	56204.10	56239.6	10.38	56214.48	56214.48047	56172.69775	56172.69922	505720.1	5409843.5
T9840.0	505722.0	5409843.5	16013.50000	430.31	0	48.841538	-86.922016	56205.23	56239.6	10.38	56215.61	56215.60938	56176.96584	56176.96484	505722.0	5409843.5
T9840.0	505722.0	5409843.5	16013.59961	430.30	0	48.841538	-86.922016	56206.32	56239.6	10.38	56216.70	56216.69922	56180.28098	56180.28125	505722.0	5409843.5
T9840.0	505724.0	5409843.5	16013.70020	432.79	0	48.841538	-86.921988	56207.38	56239.6	10.38	56217.76	56217.76172	56182.88479	56182.88672	505724.0	5409843.5
T9840.0	505725.5	5409843.5	16013.79981	433.08	0	48.841538	-86.921969	56208.57	56239.6	10.38	56218.95	56218.94922	56188.56659	56188.56641	505725.5	5409843.5
T9840.0	505727.0	5409843.5	16013.90039	432.01	0	48.841538	-86.921949	56209.64	56239.6	10.38	56220.02	56220.01953	56191.41796	56191.41797	505727.0	5409843.5
T9840.0	505727.0	5409843.5	16014.00000	432.45	0	48.841538	-86.921949	56210.54	56239.6	10.38	56220.92	56220.92188	56190.26081	56190.26172	505727.0	5409843.5
T9840.0	505728.9	5409843.5	16014.09961	432.16	0	48.841538	-86.921922	56211.61	56239.6	10.38	56221.99	56221.98828	56193.14136	56193.14063	505728.9	5409843.5
T9840.0	505730.4	5409843.5	16014.20020	431.91	0	48.841538	-86.921902	56212.55	56239.6	10.38	56222.93	56222.92969	56192.96798	56192.96875	505730.4	5409843.5
T9840.0	505730.4	5409843.5	16014.29981	432.35	0	48.841538	-86.921902	56213.70	56239.6	10.38	56224.09	56224.08984	56198.02301	56198.02344	505730.4	5409843.5
T9840.0	505732.6	5409843.5	16014.40039	432.09	0	48.841538	-86.921871	56214.72	56239.6	10.38	56225.10	56225.10156	56199.55874	56199.55859	505732.6	5409843.5
T9840.0	505734.1	5409843.5	16014.50000	433.72	0	48.841538	-86.921852	56215.74	56239.6	10.39	56226.12	56226.12109	56201.36315	56201.36328	505734.1	5409843.5
T9840.0	505734.1	5409843.5	16014.59961	434.28	0	48.841538	-86.921852	56216.82	56239.6	10.39	56227.20	56227.19922	56204.62220	56204.62109	505734.1	5409843.5
T9840.0	505735.6	5409843.5	16014.70020	434.04	0	48.841538	-86.921831	56217.93	56239.6	10.39	56228.32	56228.32031	56208.86598	56208.86719	505735.6	5409843.5
T9840.0	505737.3	5409843.5	16014.79981	434.13	0	48.841538	-86.921808	56218.84	56239.6	10.39	56229.22	56229.21875	56207.94778	56207.94922	505737.3	5409843.5
T9840.0	505737.3	5409843.5	16014.90039	434.48	0	48.841538	-86.921808	56220.00	56239.6	10.39	56230.39	56230.39063	56213.46009	56213.46094	505737.3	5409843.5
T9840.0	505739.3	5409843.5	16015.00000	435.88	0	48.841538	-86.921780	56220.94	56239.6	10.39	56231.33	56231.32813	56213.57919	56213.57813	505739.3	5409843.5
T9840.0	505741.0	5409843.5	16015.09961	435.50	0	48.841538	-86.921757	56221.90	56239.6	10.39	56232.29	56232.28906	56214.22057	56214.21875	505741.0	5409843.5
T9840.0	505741.0	5409843.5	16015.20020	435.27	0	48.841538	-86.921757	56222.96	56239.6	10.39	56233.35	56233.35156	56217.27860	56217.27734	505741.0	5409843.5
T9840.0	505742.7	5409843.5	16015.29981	434.29	0	48.841538	-86.921734	56223.98	56239.6	10.38	56234.36	56234.35938	56219.20736	56219.20703	505742.7	5409843.5
T9840.0	505744.3	5409843.5	16015.40039	433.59	0	48.841538	-86.921712	56225.06	56239.6	10.38	56235.44	56235.44141	56222.84695	56222.84766	505744.3	5409843.5
T9840.0	505746.1	5409843.5	16015.50000	432.79	0	48.841538	-86.921687	56225.88	56239.6	10.38	56236.25	56236.25000	56220.15711	56220.15625	505746.1	5409843.5
T9840.0	505746.1	5409843.5	16015.59961	433.21	0	48.841538	-86.921687	56226.95	56239.6	10.38	56237.33	56237.32813	56223.91164	56223.91016	505746.1	5409843.5

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
T9840.0	505746.1	5409843.5	16015.70020	432.28	0	48.841538	-86.921687	56228.04	56239.6	10.38	56238.41	56238.41016	56227.72560	56227.72656	505746.1	5409843.5
T9840.0	505748.3	5409843.6	16015.79981	431.22	0	48.841538	-86.921657	56228.91	56239.6	10.37	56239.28	56239.28125	56226.63305	56226.63281	505748.3	5409843.6
T9840.0	505750.0	5409843.6	16015.90039	430.45	0	48.841538	-86.921635	56229.84	56239.6	10.37	56240.21	56240.21094	56227.02110	56227.01953	505750.0	5409843.6
T9840.0	505750.0	5409843.6	16016.00000	428.53	0	48.841538	-86.921635	56230.95	56239.6	10.37	56241.32	56241.32031	56231.72883	56231.73047	505750.0	5409843.6
T9840.0	505751.7	5409843.6	16016.09961	428.30	0	48.841539	-86.921611	56231.84	56239.6	10.37	56242.21	56242.21094	56231.29583	56231.29688	505751.7	5409843.6
T9840.0	505753.4	5409843.6	16016.20020	426.44	0	48.841539	-86.921588	56232.68	56239.6	10.37	56243.06	56243.05859	56229.98005	56229.98047	505753.4	5409843.6
T9840.0	505755.2	5409843.6	16016.29981	426.43	0	48.841539	-86.921564	56233.54	56239.6	10.37	56243.91	56243.91016	56228.72791	56228.72656	505755.2	5409843.6
T9840.0	505755.2	5409843.6	16016.40039	426.20	0	48.841539	-86.921564	56234.47	56239.6	10.37	56244.85	56244.85156	56229.66837	56229.66797	505755.2	5409843.6
T9840.0	505756.9	5409843.6	16016.50000	428.82	0	48.841539	-86.921541	56235.59	56239.6	10.38	56245.97	56245.96875	56234.93024	56234.92969	505756.9	5409843.6
T9840.0	505756.9	5409843.6	16016.59961	427.15	0	48.841539	-86.921541	56236.44	56239.6	10.38	56246.82	56246.82031	56233.86986	56233.87109	505756.9	5409843.6
T9840.0	505758.3	5409843.6	16016.70020	426.95	0	48.841539	-86.921521	56237.34	56239.6	10.38	56247.71	56247.71094	56233.81938	56233.82031	505758.3	5409843.6
T9840.0	505760.0	5409843.6	16016.79981	426.13	0	48.841539	-86.921498	56238.17	56239.6	10.38	56248.55	56248.55078	56232.64985	56232.64844	505760.0	5409843.6
T9840.0	505761.2	5409843.6	16016.90039	423.64	0	48.841539	-86.921482	56239.20	56239.6	10.38	56249.58	56249.57813	56236.03757	56236.03906	505761.2	5409843.6
T9840.0	505761.2	5409843.6	16017.00000	422.69	0	48.841539	-86.921482	56240.14	56239.6	10.38	56250.52	56250.51953	56237.35943	56237.35938	505761.2	5409843.6
T9840.0	505762.9	5409843.6	16017.09961	423.41	0	48.841539	-86.921458	56240.98	56239.6	10.38	56251.36	56251.35938	56236.37844	56236.37891	505762.9	5409843.6
T9840.0	505764.5	5409843.6	16017.20020	422.84	0	48.841539	-86.921437	56241.90	56239.6	10.38	56252.28	56252.28125	56237.35154	56237.35156	505764.5	5409843.6
T9840.0	505764.5	5409843.6	16017.29981	422.36	0	48.841539	-86.921437	56242.77	56239.6	10.38	56253.15	56253.14844	56237.20330	56237.20313	505764.5	5409843.6
T9840.0	505766.1	5409843.6	16017.40039	424.78	0	48.841539	-86.921415	56243.71	56239.6	10.38	56254.09	56254.08984	56238.77142	56238.76953	505766.1	5409843.6
T9840.0	505767.5	5409843.6	16017.50000	424.31	0	48.841539	-86.921396	56244.41	56239.6	10.38	56254.79	56254.78906	56234.72294	56234.72266	505767.5	5409843.6
T9840.0	505769.3	5409843.6	16017.59961	424.16	0	48.841539	-86.921372	56245.45	56239.6	10.38	56255.82	56255.82031	56238.53913	56238.53906	505769.3	5409843.6
T9840.0	505769.3	5409843.6	16017.70020	424.53	0	48.841539	-86.921372	56246.26	56239.6	10.38	56256.64	56256.64063	56237.44691	56237.44531	505769.3	5409843.6
T9840.0	505771.4	5409843.6	16017.79981	424.65	0	48.841539	-86.921343	56247.36	56239.6	10.38	56257.74	56257.73828	56243.03532	56243.03516	505771.4	5409843.6
T9840.0	505772.8	5409843.6	16017.90039	424.82	0	48.841539	-86.921324	56248.11	56239.6	10.38	56258.49	56258.48828	56240.40252	56240.40234	505772.8	5409843.6
T9840.0	505774.4	5409843.6	16018.00000	424.81	0	48.841539	-86.921303	56248.89	56239.6	10.38	56259.27	56259.26953	56238.53581	56238.53516	505774.4	5409843.6
T9840.0	505774.4	5409843.6	16018.09961	426.57	0	48.841539	-86.921303	56249.89	56239.6	10.38	56260.27	56260.26953	56241.92848	56241.92969	505774.4	5409843.6
T9840.0	505776.1	5409843.6	16018.20020	427.76	0	48.841539	-86.921279	56250.77	56239.6	10.38	56261.15	56261.14844	56242.53799	56242.53906	505776.1	5409843.6
T9840.0	505777.6	5409843.6	16018.29981	428.24	0	48.841539	-86.921259	56251.65	56239.6	10.38	56262.03	56262.03125	56243.20205	56243.20313	505777.6	5409843.6
T9840.0	505777.6	5409843.6	16018.40039	427.11	0	48.841539	-86.921259	56252.37	56239.6	10.38	56262.75	56262.75000	56240.13566	56240.13672	505777.6	5409843.6
T9840.0	505779.3	5409843.6	16018.50000	426.54	0	48.841539	-86.921236	56253.45	56239.6	10.38	56263.83	56263.82813	56245.63762	56245.63672	505779.3	5409843.6
T9840.0	505781.0	5409843.6	16018.59961	425.21	0	48.841539	-86.921212	56254.28	56239.6	10.38	56264.66	56264.66016	56245.27941	56245.28125	505781.0	5409843.6
T9840.0	505781.0	5409843.6	16018.70020	424.82	0	48.841539	-86.921212	56255.02	56239.6	10.38	56265.40	56265.39844	56242.84503	56242.84375	505781.0	5409843.6
T9840.0	505782.5	5409843.6	16018.79981	426.12	0	48.841538	-86.921192	56255.92	56239.6	10.38	56266.30	56266.30078	56244.24731	56244.24609	505782.5	5409843.6
T9840.0	505784.3	5409843.6	16018.90039	427.01	0	48.841538	-86.921167	56256.96	56239.6	10.38	56267.34	56267.33984	56249.01294	56249.01172	505784.3	5409843.6
T9840.0	505785.9	5409843.6	16019.00000	428.14	0	48.841538	-86.921145	56257.70	56239.6	10.38	56268.08	56268.07813	56246.73463	56246.73438	505785.9	5409843.6
T9840.0	505785.9	5409843.6	16019.09961	429.26	0	48.841538	-86.921145	56258.49	56239.6	10.38	56268.87	56268.87109	56245.69073	56245.69141	505785.9	5409843.6
T9840.0	505787.7	5409843.6	16019.20020	429.71	0	48.841538	-86.921120	56259.56	56239.6	10.38	56269.94	56269.94141	56251.32136	56251.32031	505787.7	5409843.6
T9840.0	505787.7	5409843.6	16019.29981	428.13	0	48.841538	-86.921120	56260.27	56239.6	10.38	56270.66	56270.66016	56248.72553	56248.72656	505787.7	5409843.6
T9840.0	505790.4	5409843.6	16019.40039	426.84	0	48.841538	-86.921084	56261.18	56239.6	10.38	56271.56	56271.55859	56250.43936	56250.43750	505790.4	5409843.6
T9840.0	505790.4	5409843.6	16019.50000	428.46	0	48.841538	-86.921084	56262.03	56239.6	10.38	56272.42	56272.42188	56251.25966	56251.25781	505790.4	5409843.6
T9840.0	505792.2	5409843.6	16019.59961	428.22	0	48.841538	-86.921060	56263.14	56239.6	10.39	56273.53	56273.53125	56258.04616	56258.04688	505792.2	5409843.6
T9840.0	505793.8	5409843.5	16019.70020	428.15	0	48.841538	-86.921038	56263.64	56239.6	10.39	56274.03	56274.03125	56250.45825	56250.45703	505793.8	5409843.5
T9840.0	505793.8	5409843.5	16019.79981	426.67	0	48.841538	-86.921038	56264.68	56239.6	10.39	56275.07	56275.07031	56255.69713	56255.69531	505793.8	5409843.5
T9840.0	505795.5	5409843.5	16019.90039	426.83	0	48.841538	-86.921014	56265.54	56239.6	10.39	56275.92	56275.92188	56256.49728	56256.49609	505795.5	5409843.5
T9840.0	505797.1	5409843.5	16020.00000	425.81	0	48.841537	-86.920993	56266.28	56239.6	10.39	56276.67	56276.67188	56254.98844	56254.98828	505797.1	5409843.5
T9840.0	505797.1	5409843.5	16020.09961	424.17	0	48.841537	-86.920993	56267.32	56239.6	10.39	56277.71	56277.71094	56260.39625	56260.39453	505797.1	5409843.5
T9840.0	505798.6	5409843.5	16020.20020	424.91	0	48.841537	-86.920973	56268.21	56239.6	10.39	56278.60	56278.60156	56262.31484	56262.31641	505798.6	5409843.5
T9840.0	505800.4	5409843.4	16020.29981	423.36	0	48.841537	-86.920947	56268.93	56239.6	10.39	56279.32	56279.32031	56260.27257	56260.27344	505800.4	5409843.4
T9840.0	505800.4	5409843.4	16020.40039	424.01	0	48.841537	-86.920947	56269.84	56239.6	10.39	56280.23	56280.23047	56262.78591	56262.78516	505800.4	5409843.4
T9840.0	505801.7	5409843.4	16020.50000	424.41	0	48.841537	-86.920930	56270.74	56239.6	10.39	56281.13	56281.12891	56265.12603	56265.12500	505801.7	5409843.4
T9840.0	505803.0	5409843.4	16020.59961	425.24	0	48.841537	-86.920912	56271.45	56239.6	10.39	56281.84	56281.83984	56263.03730	56263.03906	505803.0	5409843.4
T9840.0	505803.0	5409843.4	16020.70020	423.69	0	48.841537	-86.920912	56272.60	56239.6	10.39	56282.99	56282.98828	56271.42280	56271.42188	505803.0	5409843.4
T9840.0	505805.9	5409843.4	16020.79981	423.39	0	48.841536	-86.920873	56273.34	56239.6	10.39	56283.73	56283.73047	56270.17993	56270.17969	505805.9	5409843.4
T9840.0	505805.9	5409843.4	16020.90039	422.64	0	48.841536	-86.920873	56274.23	56239.6	10.39	56284.62	56284.62109	56272.55637	56272.55469	505805.9	5409843.4
T9840.0	505807.3	5409843.4	16021.00000	424.66	0	48.841536	-86.920854	56275.18	56239.6	10.39	56285.57	56285.57031	56276.42576	56276.42578	505807.3	5409843.4
T9840.0	505808.8	5409843.4	16021.09961	423.74	0	48.841536	-86.920833	56275.90	56239.6	10.39	56286.29	56286.28906	56274.93134	56274.92969	505808.8	5409843.4
T9840.0	505810.5	5409843.4	16021.20020	421.95	0	48.841536	-86.920811	56276.82	56239.6	10.39	56287.21	56287.21094	56278.24634	56278.24609	505810.5	5409843.4
T9840.0	505810.5	5409843.4	16021.29981	422.60	0	48.841536	-86.920811	56277.78	56239.6	10.39	56288.17	56288.17188	56282.58911	56282.58984	505810.5	5409843.4
T9840.0	505812.5	5409843.4	16021.40039	426.55	0	48.841536	-86.920783	56278.57	56239.6	10.39	56288.96	56288.96094	56282.99546	56282.99609	505812.5	5409843.4
T9840.0	505812.5	5409843.4	16021.50000	428.85	0	48.841536	-86.920783	56279.44	56239.6	10.39	56289.83	56289.82813	56285.38152	56285.38281	505812.5	5409843.4
T9840.0	505814.1	5409843.3	16021.59961	426.68	0	48.841536	-86.920761	56280.52	56239.6	10.39	56290.91	56290.91016	56292.82523	56292.82422	505814.1	5409843.3
T9840.0	505816.0	5409843.3	16021.70020	428.24	0	48.841536	-86.920735	56281.16	56239.6	10.39	56291.55	56291.55078	56289.95560	56289.95703	505816.0	5409843.3
T9840.0	505816.0	5409843.3	16021.79981	428.95	0	48.841536	-86.920735	56282.06	56239.6	10.39	56292.45	56292.44922	56293.33274	56293.33203	505816.0	5409843.3
T9840.0	505817.1	5409843.3	16021.90039	429.01	0	48.841535	-86.920719	56282.91	56239.6	10.39	56293.30	56293.30078	56295.62776	56295.62891	505817.1	5409843.3
T9840.0	505818.9	5409843.3	16022.00000	430.55	0	48.841535	-86.920695	56283.75	56239.6	10.39	56294.14	56294.14063	56297.79022	56297.78906	505818.9	5409843.3
T9840.0	505818.9	5409843.3	16022.09961	431.65	0	48.841535	-86.920695	56284.50	56239.6	10.39	56294.89	56294.89063	56297.93150	56297.92969	505818.9	5409843.3
T9840.0	505820.2	5409843.3	16022.20020	431.67	0	48.841535	-86.920677	56285.41	56239.6	10.39	56295.80	56295.80078	56301.96839	56301.96875	505820.2	5409843.3
T9840.0	505821.5	5409843.2	16022.29981	431.78	0	48.841535	-86.920660	56286.48	56239.6	10.39	56296.87	56296.87109	56309.90458	56309.90625	505821.5	5409843.2
T9840.0	505823.0	5409843.2	16022.40039	431.23	0	48.841535	-86.920640	56287.11	56239.6	10.39	56297.49	56297.48828	56307.31579	56307.31641	505823.0	5409843.2
T9840.0	505823.0	5409843.2	16022.50000	431.05	0	48.841535	-86.920640	56287.96	56239.6	10.39	56298.34	56298.33984	56310.28958	56310.28906	505823.0	5409843.2
T9840.0	505824.0	5409843.2	16022.59961	429.25	0	48.841535	-86.920626	56288.70	56239.6	10.38	56299.09	56299.08984	56311.02449	56311.02344	505824.0	5409843.2
T9840.0	505825.2	5409843.2	16022.70020	429.85	0	48.841534	-86.920610	56289.45	56239.6	10.38	56299.83	56299.82813	56311.65314	56311.65234	505825.2	5409843.2
T9840.0	505825.2	5409843.2	16022.79981	427.01	0	48.841534	-86.920610	56290.26	56239.6	10.38	56300.64	56300.64063	56314.07169	56314.07031	505825.2	5409843.2
T9840.0	505826.5	5409843.2	16022.90039	426.57	0	48.841534	-86.920592	56291.16	56239.6	10.38	56301.54	56301.53906	56318.75713	56318.75781	505826.5	5409843.2
T9840.0	505828.1	5409843.2	16023.00000	425.48	0	48.841534	-86.920571	56292.05	56239.6	10.38	56302.43	56302.42969	56323.34820	56323.34766	505828.1	5409843.2
T9840.0	505829.7	5409843.2	16023.09961	424.46	0	48.841534	-86.920549	56293.00	56239.6	10.38	56303.38	56303.37891	56329.50454	56329.50391	505829.7	5409843.2
T9840.0	505829.7	5409843.2	16023.20020	426.65	0	48.841534	-86.920549	56293.65	56239.6	10.38	56304.03	56304.03125	56328.71521	56328.71484	505829.7	5409843.2
T9840.0	505830.7	5409843.2	16023.29981	426.44	0	48.841534	-86.920534	56294.45	56239.6	10.38	56304.83	56304.82813	56331.62781	56331.62891	505830.7	5409843.2
T9840.0	505832.1	5409843.1	16023.40039	427.30	0	48.841534	-86.920515	56295.04	56239.6	10.38	56305.41	56305.41016	56329.49484	56329.49609	505832.1	5409843.1
T9840.0	505832.1	5409843.1	16023.50000	427.16	0	48.841534	-86.920515	56295.82	56239.6	10.38	56306.20	56306.19922	56332.49080	56332.49219	505832.1	5409843.1
T9840.0	505833.7	5409843.1	16023.59961	427.85	0	48.841534	-86.920494	56296.62	56239.6	10.37	56307.00	56307.00000	56335.88906	56335.89063	505833.7	5409843.1
T9840.0	505833.7	5409843.1	16023.70020	427.10	0	48.841534	-86.920494	56297.54	56239.6	10.37	56307.91	56307.91016	56342.05869	56342.05859	505833.7	5409843.1
T9840.0	505835.2	5409843.1	16023.79981	428.61	0	48.841534	-86.920473	56298.32	56239.6	10.37	56308.70	56308.69922	56345.56336	56345.56250	505835.2	5409843.1
T9840.0	505836.3	5409843.1	16023.90039	428.63	0	48.841534	-86.920459	56299.04	56239.6	10.37	56309.41	56309.41016	56347.35287	56347.35156	505836.3	5409843.1
T9840.0	505837.4	5409843.1	16024.00000	428.25	0	48.841533	-86.920443	56299.78	56239.6	10.37	56310.15	56310.14844	56350.03263	56350.03125	505837.4	5409843.1
T9840.0	505838.7	5409843.1	16024.09961	428.85	0	48.841533	-86.920426	56300.60	56239.6	10.37	56310.97	56310.96875	56354.78882	56354.78906	505838.7	5409843.1
T9840.0	505838.7	5409843.1	16024.20020	430.38	0	48.841533	-86.920426	56301.26	56239.6	10.37	56311.63	56311.62891	56355.94827	56355.94922	505838.7	5409843.1
T9840.0	505839.8	5409843.1	16024.29981	430.62	0	48.841533	-86.920411	56301.80	56239.6	10.37	56312.17	56312.17188	56354.46045	56354.46094	505839.8	5409843.1
T9840.0	505840.8	5409843.1	16024.40039	428.59	0	48.841533	-86.920397	56302.26	56239.6	10.37	56312.63	56312.62891	56351.27470	56351.27344	505840.8	5409843.1
T9840.0	505840.8	5409843.1	16024.50000	426.74	0	48.841533	-86.920397	56303.18	56239.6	10.37	56313.55	56313.55078	56359.16656	56359.16797	505840.8	5409843.1
T9840.0	505842.3	5409843.1	16024.59961	427.34	0	48.841533	-86.920377	56303.68	56239.6	10.37	56314.05	56314.05078	56357.32477	56357.32422	505842.3	5409843.1
T9840.0	505843.3	5409843.1	16024.70020	426.56	0	48.841533	-86.920363	56304.23	56239.6	10.37	56314.60	56314.60156	56356.86895	56356.86719	505843.3	5409843.1
T9840.0	505843.3	5409843.1	16024.79981	426.03	0	48.841533	-86.920363	56304.83	56239.6	10.37	56315.20	56315.19922	56357.80184	56357.80078	505843.3	5409843.1
T9840.0	505844.4	5409843.1	16024.90039	426.67	0	48.841533	-86.920348	56305.70	56239.6	10.37	56316.07	56316.07031	56365.32963	56365.32813	505844.4	5409843.1

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
T9840.0	505845.7	5409843.1	16025.00000	427.08	0	48.841533	-86.920330	56306.39	56239.6	10.37	56316.76	56316.76172	56368.81113	56368.81250	505845.7	5409843.1
T9840.0	505845.7	5409843.1	16025.09961	429.84	0	48.841533	-86.920330	56307.01	56239.6	10.37	56317.38	56317.37891	56370.85044	56370.85156	505845.7	5409843.1
T9840.0	505847.0	5409843.1	16025.20020	429.47	0	48.841533	-86.920312	56307.64	56239.6	10.37	56318.02	56318.01953	56373.57846	56373.57813	505847.0	5409843.1
T9840.0	505848.2	5409843.1	16025.29981	428.74	0	48.841533	-86.920297	56308.22	56239.6	10.38	56318.60	56318.60156	56375.10498	56375.10547	505848.2	5409843.1
T9840.0	505848.2	5409843.1	16025.40039	429.94	0	48.841533	-86.920297	56308.71	56239.6	10.38	56319.09	56319.08984	56374.72225	56374.72266	505848.2	5409843.1
T9840.0	505849.1	5409843.1	16025.50000	430.28	0	48.841533	-86.920284	56309.30	56239.6	10.38	56319.68	56319.67969	56376.92592	56376.92578	505849.1	5409843.1
T9840.0	505849.9	5409843.1	16025.59961	431.32	0	48.841533	-86.920273	56309.74	56239.6	10.38	56320.12	56320.12109	56375.80432	56375.80469	505849.9	5409843.1
T9840.0	505850.8	5409843.1	16025.70020	430.74	0	48.841534	-86.920260	56310.16	56239.6	10.38	56320.55	56320.55078	56374.67012	56374.67188	505850.8	5409843.1
T9840.0	505851.8	5409843.1	16025.79981	430.75	0	48.841533	-86.920248	56310.84	56239.6	10.39	56321.22	56321.21875	56379.43759	56379.43750	505851.8	5409843.1
T9840.0	505851.8	5409843.1	16025.90039	429.50	0	48.841533	-86.920248	56311.47	56239.6	10.39	56321.86	56321.85938	56383.72146	56383.72266	505851.8	5409843.1
T9840.0	505852.8	5409843.1	16026.00000	429.04	0	48.841533	-86.920233	56312.11	56239.6	10.39	56322.50	56322.50000	56388.23206	56388.23047	505852.8	5409843.1
T9840.0	505853.8	5409843.1	16026.09961	429.42	0	48.841533	-86.920220	56312.55	56239.6	10.39	56322.93	56322.92969	56388.00291	56388.00391	505853.8	5409843.1
T9840.0	505853.8	5409843.1	16026.20020	428.39	0	48.841533	-86.920220	56312.84	56239.6	10.39	56323.23	56323.23047	56384.92658	56384.92578	505853.8	5409843.1
T9840.0	505855.0	5409843.1	16026.29981	426.75	0	48.841533	-86.920203	56313.23	56239.6	10.38	56323.62	56323.62109	56384.20682	56384.20703	505855.0	5409843.1
T9840.0	505855.8	5409843.1	16026.40039	426.06	0	48.841533	-86.920192	56313.77	56239.6	10.38	56324.15	56324.14844	56387.02624	56387.02734	505855.8	5409843.1
T9840.0	505856.7	5409843.1	16026.50000	426.73	0	48.841533	-86.920181	56314.04	56239.6	10.38	56324.42	56324.42188	56383.92360	56383.92188	505856.7	5409843.1
T9840.0	505856.7	5409843.1	16026.59961	426.50	0	48.841533	-86.920181	56314.51	56239.6	10.38	56324.89	56324.89063	56385.77868	56385.77734	505856.7	5409843.1
T9840.0	505857.9	5409843.1	16026.70020	427.39	0	48.841533	-86.920165	56314.97	56239.6	10.38	56325.35	56325.35156	56387.62386	56387.62500	505857.9	5409843.1
T9840.0	505857.9	5409843.1	16026.79981	427.83	0	48.841533	-86.920165	56315.63	56239.6	10.37	56326.00	56326.00000	56394.18886	56394.18750	505857.9	5409843.1
T9840.0	505858.7	5409843.1	16026.90039	428.04	0	48.841533	-86.920154	56315.99	56239.6	10.37	56326.36	56326.35938	56394.11949	56394.12109	505858.7	5409843.1
T9840.0	505859.5	5409843.1	16027.00000	426.19	0	48.841533	-86.920143	56316.16	56239.6	10.37	56326.53	56326.53125	56389.77985	56389.78125	505859.5	5409843.1
T9840.0	505859.5	5409843.1	16027.09961	426.28	0	48.841533	-86.920143	56316.50	56239.6	10.37	56326.87	56326.87109	56389.68352	56389.68359	505859.5	5409843.1
T9840.0	505860.5	5409843.1	16027.20020	427.50	0	48.841533	-86.920129	56316.78	56239.6	10.38	56327.15	56327.14844	56388.38889	56388.39063	505860.5	5409843.1
T9840.0	505861.3	5409843.1	16027.29981	427.98	0	48.841533	-86.920117	56317.16	56239.6	10.38	56327.54	56327.53906	56389.91520	56389.91406	505861.3	5409843.1
T9840.0	505861.3	5409843.1	16027.40039	425.65	0	48.841533	-86.920117	56317.26	56239.6	10.38	56327.64	56327.64063	56384.79955	56384.80078	505861.3	5409843.1
T9840.0	505862.2	5409843.1	16027.50000	425.80	0	48.841533	-86.920105	56317.67	56239.6	10.39	56328.06	56328.05859	56387.46797	56387.46875	505862.2	5409843.1
T9840.0	505863.1	5409843.1	16027.59961	426.05	0	48.841533	-86.920094	56317.92	56239.6	10.39	56328.31	56328.30859	56386.32848	56386.32813	505863.1	5409843.1
T9840.0	505863.8	5409843.0	16027.70020	426.69	0	48.841533	-86.920084	56318.06	56239.6	10.39	56328.45	56328.44922	56382.79788	56382.79688	505863.8	5409843.0
T9840.0	505863.8	5409843.0	16027.79981	428.38	0	48.841533	-86.920084	56318.29	56239.6	10.39	56328.68	56328.67969	56381.60415	56381.60547	505863.8	5409843.0
T9840.0	505864.6	5409843.0	16027.90039	428.79	0	48.841533	-86.920073	56318.41	56239.6	10.40	56328.80	56328.80078	56378.01411	56378.01563	505864.6	5409843.0
T9840.0	505865.1	5409843.0	16028.00000	426.78	0	48.841532	-86.920065	56318.90	56239.6	10.40	56329.30	56329.30078	56383.61469	56383.61328	505865.1	5409843.0
T9840.0	505865.1	5409843.0	16028.09961	426.78	0	48.841532	-86.920065	56319.10	56239.6	10.40	56329.50	56329.50000	56382.31919	56382.32031	505865.1	5409843.0
T9840.0	505866.0	5409843.0	16028.20020	427.80	0	48.841532	-86.920054	56319.51	56239.6	10.40	56329.91	56329.91016	56386.18732	56386.18750	505866.0	5409843.0
T9840.0	505866.7	5409843.0	16028.29981	427.53	0	48.841532	-86.920045	56319.36	56239.6	10.39	56329.75	56329.75000	56376.76687	56376.76563	505866.7	5409843.0
T9840.0	505867.3	5409842.9	16028.40039	428.22	0	48.841532	-86.920036	56319.56	56239.6	10.39	56329.95	56329.94922	56376.05138	56376.05078	505867.3	5409842.9
T9840.0	505867.3	5409842.9	16028.50000	428.79	0	48.841532	-86.920036	56319.74	56239.6	10.39	56330.13	56330.12891	56375.04943	56375.05078	505867.3	5409842.9
T9840.0	505867.9	5409842.9	16028.59961	429.69	0	48.841531	-86.920028	56320.10	56239.6	10.39	56330.49	56330.48828	56378.48799	56378.48828	505867.9	5409842.9
T9840.0	505868.6	5409842.9	16028.70020	430.13	0	48.841531	-86.920018	56320.12	56239.6	10.39	56330.51	56330.51172	56374.06405	56374.06250	505868.6	5409842.9
T9840.0	505868.6	5409842.9	16028.79981	430.55	0	48.841531	-86.920018	56320.15	56239.6	10.38	56330.53	56330.53125	56369.81574	56369.81641	505868.6	5409842.9
T9840.0	505869.3	5409842.9	16028.90039	430.71	0	48.841531	-86.920009	56320.40	56239.6	10.38	56330.78	56330.78125	56371.17934	56371.17969	505869.3	5409842.9
T9840.0	505869.9	5409842.9	16029.00000	431.24	0	48.841531	-86.920000	56320.35	56239.6	10.38	56330.73	56330.73047	56365.61508	56365.61328	505869.9	5409842.9
T9840.0	505870.6	5409842.8	16029.09961	429.87	0	48.841531	-86.919992	56320.71	56239.6	10.38	56331.09	56331.08984	56369.91230	56369.91406	505870.6	5409842.8
T9840.0	505870.6	5409842.8	16029.20020	429.94	0	48.841531	-86.919992	56320.48	56239.6	10.38	56330.86	56330.85938	56360.41442	56360.41406	505870.6	5409842.8
T9840.0	505871.2	5409842.8	16029.29981	430.52	0	48.841530	-86.919983	56320.53	56239.6	10.38	56330.91	56330.91016	56357.69508	56357.69531	505871.2	5409842.8
T9840.0	505871.2	5409842.8	16029.40039	429.28	0	48.841530	-86.919983	56320.58	56239.6	10.38	56330.96	56330.96094	56355.12744	56355.12891	505871.2	5409842.8
T9840.0	505871.6	5409842.8	16029.50000	429.50	0	48.841530	-86.919977	56320.69	56239.6	10.39	56331.07	56331.07031	56354.12649	56354.12500	505871.6	5409842.8
T9840.0	505872.2	5409842.8	16029.59961	428.91	0	48.841530	-86.919970	56320.88	56239.6	10.39	56331.27	56331.26953	56355.39762	56355.39844	505872.2	5409842.8
T9840.0	505872.2	5409842.8	16029.70020	429.94	0	48.841530	-86.919970	56321.29	56239.6	10.39	56331.68	56331.67969	56361.77492	56361.77344	505872.2	5409842.8
T9840.0	505873.1	5409842.8	16029.79981	430.73	0	48.841530	-86.919957	56321.53	56239.6	10.39	56331.92	56331.92188	56364.26621	56364.26563	505873.1	5409842.8
T9840.0	505873.1	5409842.8	16029.90039	430.00	0	48.841530	-86.919957	56321.37	56239.6	10.39	56331.76	56331.76172	56357.42715	56357.42578	505873.1	5409842.8
T9840.0	505873.5	5409842.8	16030.00000	430.36	0	48.841530	-86.919952	56321.43	56239.6	10.39	56331.82	56331.82031	56355.91813	56355.91797	505873.5	5409842.8
T9840.0	505873.8	5409842.7	16030.09961	431.81	0	48.841530	-86.919948	56321.42	56239.6	10.39	56331.81	56331.80859	56352.87568	56352.87500	505873.8	5409842.7
T9840.0	505873.8	5409842.7	16030.20020	430.80	0	48.841530	-86.919948	56321.53	56239.6	10.39	56331.92	56331.92188	56352.78961	56352.78906	505873.8	5409842.7
T9840.0	505874.3	5409842.7	16030.29981	430.88	0	48.841530	-86.919941	56321.37	56239.6	10.39	56331.75	56331.75000	56346.19471	56346.19531	505874.3	5409842.7
T9840.0	505874.7	5409842.7	16030.40039	429.89	0	48.841530	-86.919936	56321.48	56239.6	10.39	56331.86	56331.85938	56346.33229	56346.33203	505874.7	5409842.7
T9840.0	505874.7	5409842.7	16030.50000	430.25	0	48.841530	-86.919936	56321.47	56239.6	10.38	56331.85	56331.85156	56343.73723	56343.73828	505874.7	5409842.7
T9840.0	505875.1	5409842.7	16030.59961	432.40	0	48.841529	-86.919930	56321.34	56239.6	10.38	56331.73	56331.73047	56338.64201	56338.64063	505875.1	5409842.7
T9840.0	505875.4	5409842.7	16030.70020	431.34	0	48.841529	-86.919926	56321.53	56239.6	10.38	56331.91	56331.91016	56340.74019	56340.73828	505875.4	5409842.7
T9840.0	505875.4	5409842.7	16030.79981	431.73	0	48.841529	-86.919926	56321.70	56239.6	10.38	56332.08	56332.07813	56342.69555	56342.69531	505875.4	5409842.7
T9840.0	505875.6	5409842.7	16030.90039	431.54	0	48.841529	-86.919923	56321.50	56239.6	10.38	56331.88	56331.87891	56335.98929	56335.98828	505875.6	5409842.7
T9840.0	505876.0	5409842.6	16031.00000	430.69	0	48.841529	-86.919918	56321.44	56239.6	10.38	56331.82	56331.82031	56332.68042	56332.67969	505876.0	5409842.6
T9840.0	505876.1	5409842.6	16031.09961	428.33	0	48.841529	-86.919916	56321.48	56239.6	10.38	56331.86	56331.85938	56331.81913	56331.82031	505876.1	5409842.6
T9840.0	505876.1	5409842.6	16031.20020	427.00	0	48.841529	-86.919916	56321.19	56239.6	10.38	56331.57	56331.57031	56323.23119	56323.23047	505876.1	5409842.6
T9840.0	505876.4	5409842.6	16031.29981	428.12	0	48.841528	-86.919912	56321.38	56239.6	10.38	56331.75	56331.75000	56325.83511	56325.83594	505876.4	5409842.6
T9840.0	505876.6	5409842.6	16031.40039	428.86	0	48.841528	-86.919910	56321.55	56239.6	10.38	56331.92	56331.92188	56328.27420	56328.27344	505876.6	5409842.6
T9840.0	505876.6	5409842.6	16031.50000	429.57	0	48.841528	-86.919910	56321.71	56239.6	10.38	56332.08	56332.07813	56330.54511	56330.54688	505876.6	5409842.6
T9840.0	505876.8	5409842.5	16031.59961	432.68	0	48.841528	-86.919907	56321.47	56239.6	10.37	56331.84	56331.83984	56323.42009	56323.42188	505876.8	5409842.5
T9840.0	505876.9	5409842.5	16031.70020	434.78	0	48.841528	-86.919905	56321.53	56239.6	10.37	56331.90	56331.89844	56323.45280	56323.45313	505876.9	5409842.5
T9999.0	504543.8	5407905.9	7236.50000	257.38	0	48.824118	-86.938095	56139.77	56256.5	-6.52	56133.25	56133.25000	56131.48954	56131.48828	504543.8	5407905.9
T9999.0	504543.3	5407907.0	7236.60010	254.75	0	48.824127	-86.938102	56140.15	56256.5	-6.52	56133.63	56133.62891	56131.45807	56131.45703	504543.3	5407907.0
T9999.0	504543.3	5407907.0	7236.70020	254.28	0	48.824127	-86.938102	56140.50	56256.5	-6.52	56133.98	56133.98047	56131.42832	56131.42969	504543.3	5407907.0
T9999.0	504542.6	5407908.2	7236.70020	254.28	0	48.824138	-86.938111	56140.10	56256.5	-6.52	56133.57	56133.57031	56131.44897	56131.44922	504542.6	5407908.2
T9999.0	504541.9	5407909.5	7236.89990	250.11	0	48.824150	-86.938122	56140.53	56256.5	-6.53	56134.00	56134.00000	56131.41331	56131.41406	504541.9	5407909.5
T9999.0	504541.2	5407910.7	7237.00000	250.02	0	48.824161	-86.938131	56140.58	56256.5	-6.53	56134.05	56134.05078	56131.40267	56131.40234	504541.2	5407910.7
T9999.0	504541.2	5407910.7	7237.10010	254.59	0	48.824161	-86.938131	56140.28	56256.5	-6.53	56133.75	56133.75000	56131.41501	56131.41406	504541.2	5407910.7
T9999.0	504540.5	5407911.9	7237.20020	253.85	0	48.824172	-86.938140	56140.85	56256.5	-6.53	56134.32	56134.32031	56131.36900	56131.36719	504540.5	5407911.9
T9999.0	504539.8	5407913.1	7237.29981	253.58	0	48.824182	-86.938149	56140.94	56256.5	-6.53	56134.41	56134.41016	56131.35459	56131.35547	504539.8	5407913.1
T9999.0	504539.8	5407913.1	7237.39990	256.54	0	48.824182	-86.938149	56140.88	56256.5	-6.53	56134.35	56134.35156	56131.34976	56131.35156	504539.8	5407913.1
T9999.0	504539.2	5407914.2	7237.50000	259.96	0	48.824192	-86.938157	56140.95	56256.5	-6.53	56134.42	56134.42188	56131.33584	56131.33594	504539.2	5407914.2
T9999.0	504539.2	5407914.2	7237.60010	259.21	0	48.824192	-86.938157	56141.46	56256.5	-6.53	56134.93	56134.92969	56131.29211	56131.29297	504539.2	5407914.2
T9999.0	504537.9	5407916.6	7237.70020	259.47	0	48.824214	-86.938176	56141.26	56256.5	-6.53	56134.73	56134.73047	56131.29522	56131.29688	504537.9	5407916.6
T9999.0	504537.9	5407916.6	7237.79981	259.36	0	48.824214	-86.938176	56141.62	56256.5	-6.53	56135.09	56135.08984	56131.26048	56131.26172	504537.9	5407916.6
T9999.0	504537.1	5407917.9	7237.89990	258.97	0	48.824226	-86.938186	56141.99	56256.5	-6.53	56135.46	56135.46094	56131.22451	56131.22266	504537.1	5407917.9
T9999.0	504537.1	5407917.9	7238.00000	257.98	0	48.824226	-86.938186	56141.82	56256.5	-6.53	56135.29	56135.28906	56131.22397	56131.22266	504537.1	5407917.9
T9999.0	504536.5	5407919.0	7238.10010	257.48	0	48.824235	-86.938194	56141.99	56256.5	-6.53	56135.46	56135.46094	56131.20014	56131.19922	504536.5	5407919.0
T9999.0	504535.7	5407920.5	7238.20020	259.25	0	48.824248	-86.938205	56142.27	56256.5	-6.53	56135.74	56135.73828	56131.16833	56131.16797	504535.7	5407920.5
T9999.0	504535.7	5407920.5	7238.29981	256.83	0	48.824248	-86.938205	56142.38	56256.5	-6.52	56135.85	56135.85156	56131.14718	56131.14844	504535.7	5407920.5
T9999.0	504534.9	5407921.8	7238.39990	253.85	0	48.824261	-86.938216	56142.34	56256.5	-6.52	56135.81	56135.80859	56131.13531	56131.13672	504534.9	5407921.8
T9999.0	504534.3	5407923.0	7238.50000	253.59	0	48.824271	-86.938225	56142.66	56256.5	-6.52	56136.14	56136.14063	56131.09802	56131.09766	504534.3	5407923.0
T9999.0	504534.3	5407923.0	7238.60010	252.22	0	48.824271	-86.938225	56142.86	56256.5	-6.52	56136.34	56136.33984	56131.06861	56131.07031	504534.3	5407923.0
T9999.0	504533.8	5407923.9	7238.70020	256.39	0	48.824279	-86.938232	56142.66	56256.5	-6.52	56136.14	56136.14063	56131.06504	56131.06641	504533.8	5407923.9
T9999.0	504533.0	5407925.1	7238.70020	256.39	0	48.824291	-86.938242	56143.18	56256.5	-6.52	56136.67	56136.67188	56131.01194	56131.01172	504533.0	5407925.1
T9999.0	504533.0	5407925.1	7238.89990	255.23	0	48.824291	-86.938242	56143.45	56256.5	-6.51	56136.94	56136.94141	56130.97527	56130.97656	504533.0	5407925.1

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
T9999.0	504532.0	5407926.9	7239.00000	255.40	0	48.824306	-86.938255	56143.24	56256.5	-6.51	56136.73	56136.73047	56130.96966	56130.96875	504532.0	5407926.9
T9999.0	504531.3	5407928.2	7239.10010	257.11	0	48.824318	-86.938266	56143.82	56256.5	-6.51	56137.31	56137.30859	56130.91039	56130.91016	504531.3	5407928.2
T9999.0	504531.3	5407928.2	7239.20020	255.20	0	48.824318	-86.938266	56143.92	56256.5	-6.51	56137.41	56137.41016	56130.88210	56130.88281	504531.3	5407928.2
T9999.0	504530.5	5407929.5	7239.29981	254.18	0	48.824330	-86.938276	56143.86	56256.5	-6.51	56137.35	56137.35156	56130.86340	56130.86328	504530.5	5407929.5
T9999.0	504529.7	5407930.9	7239.39990	253.20	0	48.824343	-86.938287	56144.28	56256.5	-6.51	56137.76	56137.76172	56130.81225	56130.81250	504529.7	5407930.9
T9999.0	504529.7	5407930.9	7239.50000	252.35	0	48.824343	-86.938287	56144.49	56256.5	-6.51	56137.98	56137.98047	56130.77260	56130.77344	504529.7	5407930.9
T9999.0	504528.8	5407932.4	7239.60010	252.57	0	48.824356	-86.938299	56144.40	56256.5	-6.52	56137.89	56137.89063	56130.75242	56130.75391	504528.8	5407932.4
T9999.0	504528.8	5407932.4	7239.70020	255.64	0	48.824356	-86.938299	56144.75	56256.5	-6.52	56138.23	56138.23047	56130.70232	56130.70313	504528.8	5407932.4
T9999.0	504528.1	5407933.6	7239.79981	256.51	0	48.824366	-86.938308	56145.16	56256.5	-6.52	56138.64	56138.64063	56130.64625	56130.64453	504528.1	5407933.6
T9999.0	504527.6	5407934.5	7239.89990	254.96	0	48.824375	-86.938315	56145.09	56256.5	-6.52	56138.57	56138.57031	56130.62083	56130.62109	504527.6	5407934.5
T9999.0	504526.9	5407935.7	7240.00000	254.54	0	48.824386	-86.938325	56145.41	56256.5	-6.52	56138.89	56138.89063	56130.56801	56130.56641	504526.9	5407935.7
T9999.0	504526.9	5407935.7	7240.10010	254.36	0	48.824386	-86.938325	56145.62	56256.5	-6.52	56139.10	56139.10156	56130.52107	56130.51953	504526.9	5407935.7
T9999.0	504526.2	5407937.0	7240.20020	256.21	0	48.824398	-86.938335	56145.71	56256.5	-6.51	56139.20	56139.19922	56130.47997	56130.48047	504526.2	5407937.0
T9999.0	504525.4	5407938.4	7240.29981	254.17	0	48.824410	-86.938345	56145.79	56256.5	-6.51	56139.28	56139.28125	56130.43865	56130.43750	504525.4	5407938.4
T9999.0	504525.4	5407938.4	7240.39990	254.36	0	48.824410	-86.938345	56146.20	56256.5	-6.50	56139.70	56139.69922	56130.37306	56130.37500	504525.4	5407938.4
T9999.0	504524.6	5407939.8	7240.50000	255.26	0	48.824422	-86.938356	56146.44	56256.5	-6.50	56139.94	56139.94141	56130.31782	56130.31641	504524.6	5407939.8
T9999.0	504523.9	5407941.0	7240.60010	258.39	0	48.824433	-86.938366	56146.38	56256.5	-6.50	56139.88	56139.87891	56130.28087	56130.28125	504523.9	5407941.0
T9999.0	504523.9	5407941.0	7240.70020	256.23	0	48.824433	-86.938366	56146.81	56256.5	-6.49	56140.31	56140.30859	56130.20948	56130.21094	504523.9	5407941.0
T9999.0	504523.0	5407942.6	7240.70020	256.23	0	48.824447	-86.938378	56147.07	56256.5	-6.49	56140.58	56140.57813	56130.14694	56130.14844	504523.0	5407942.6
T9999.0	504522.3	5407943.9	7240.89990	262.58	0	48.824459	-86.938388	56147.06	56256.5	-6.48	56140.57	56140.57031	56130.10120	56130.10156	504522.3	5407943.9
T9999.0	504522.3	5407943.9	7241.00000	261.30	0	48.824459	-86.938388	56147.38	56256.5	-6.48	56140.90	56140.89844	56130.03086	56130.03125	504522.3	5407943.9
T9999.0	504521.4	5407945.5	7241.10010	260.55	0	48.824473	-86.938400	56147.72	56256.5	-6.48	56141.24	56141.23828	56129.95787	56129.95703	504521.4	5407945.5
T9999.0	504520.8	5407946.5	7241.20020	259.71	0	48.824483	-86.938408	56147.81	56256.5	-6.48	56141.33	56141.32813	56129.89950	56129.89844	504520.8	5407946.5
T9999.0	504520.8	5407946.5	7241.29981	258.55	0	48.824483	-86.938408	56147.94	56256.5	-6.48	56141.46	56141.46094	56129.83636	56129.83594	504520.8	5407946.5
T9999.0	504520.0	5407947.9	7241.39990	259.81	0	48.824496	-86.938419	56148.16	56256.5	-6.48	56141.68	56141.67969	56129.76507	56129.76563	504520.0	5407947.9
T9999.0	504519.5	5407948.7	7241.50000	262.24	0	48.824503	-86.938426	56148.55	56256.5	-6.48	56142.07	56142.07031	56129.68023	56129.67969	504519.5	5407948.7
T9999.0	504518.7	5407950.1	7241.60010	259.34	0	48.824515	-86.938436	56148.44	56256.5	-6.48	56141.96	56141.96094	56129.62644	56129.62500	504518.7	5407950.1
T9999.0	504518.7	5407950.1	7241.70020	257.60	0	48.824515	-86.938436	56148.77	56256.5	-6.48	56142.29	56142.28906	56129.54099	56129.53906	504518.7	5407950.1
T9999.0	504518.0	5407951.3	7241.79981	255.41	0	48.824526	-86.938446	56149.31	56256.5	-6.48	56142.83	56142.82813	56129.43915	56129.43750	504518.0	5407951.3
T9999.0	504517.5	5407952.2	7241.89990	255.26	0	48.824534	-86.938452	56148.93	56256.5	-6.48	56142.45	56142.44922	56129.39618	56129.39453	504517.5	5407952.2
T9999.0	504516.9	5407953.4	7242.00000	256.73	0	48.824545	-86.938461	56149.34	56256.5	-6.48	56142.86	56142.85938	56129.29804	56129.29688	504516.9	5407953.4
T9999.0	504516.9	5407953.4	7242.10010	251.78	0	48.824545	-86.938461	56149.70	56256.5	-6.48	56143.22	56143.21875	56129.20066	56129.19922	504516.9	5407953.4
T9999.0	504516.0	5407955.0	7242.20020	251.85	0	48.824559	-86.938473	56149.64	56256.5	-6.48	56143.16	56143.16016	56129.12865	56129.12891	504516.0	5407955.0
T9999.0	504515.3	5407956.3	7242.29981	253.36	0	48.824571	-86.938483	56149.82	56256.5	-6.48	56143.34	56143.33984	56129.03795	56129.03906	504515.3	5407956.3
T9999.0	504514.7	5407957.3	7242.39990	255.02	0	48.824580	-86.938491	56150.34	56256.5	-6.48	56143.86	56143.85938	56128.92183	56128.92188	504514.7	5407957.3
T9999.0	504514.7	5407957.3	7242.50000	254.73	0	48.824580	-86.938491	56150.19	56256.5	-6.48	56143.71	56143.71094	56128.84756	56128.84766	504514.7	5407957.3
T9999.0	504513.9	5407958.8	7242.60010	255.23	0	48.824593	-86.938502	56150.40	56256.5	-6.47	56143.92	56143.92188	56128.74643	56128.74609	504513.9	5407958.8
T9999.0	504513.1	5407960.2	7242.70020	255.04	0	48.824606	-86.938513	56150.74	56256.5	-6.47	56144.27	56144.26953	56128.63303	56128.63281	504513.1	5407960.2
T9999.0	504513.1	5407960.2	7242.70020	255.04	0	48.824606	-86.938513	56150.77	56256.5	-6.47	56144.30	56144.30078	56128.53797	56128.53906	504513.1	5407960.2
T9999.0	504512.3	5407961.5	7242.89990	255.46	0	48.824618	-86.938523	56150.73	56256.5	-6.47	56144.26	56144.26172	56128.44453	56128.44531	504512.3	5407961.5
T9999.0	504512.3	5407961.5	7243.00000	255.29	0	48.824618	-86.938523	56151.28	56256.5	-6.47	56144.81	56144.80859	56128.30865	56128.30859	504512.3	5407961.5
T9999.0	504511.6	5407962.8	7243.10010	255.98	0	48.824630	-86.938534	56151.33	56256.5	-6.47	56144.86	56144.85938	56128.20293	56128.20313	504511.6	5407962.8
T9999.0	504510.7	5407964.3	7243.20020	253.60	0	48.824643	-86.938545	56151.23	56256.5	-6.47	56144.76	56144.76172	56128.10398	56128.10547	504510.7	5407964.3
T9999.0	504510.7	5407964.3	7243.29981	251.92	0	48.824643	-86.938545	56151.68	56256.5	-6.47	56145.21	56145.21094	56127.96509	56127.96484	504510.7	5407964.3
T9999.0	504509.9	5407965.7	7243.39990	249.53	0	48.824655	-86.938556	56151.81	56256.5	-6.47	56145.34	56145.33984	56127.84418	56127.84375	504509.9	5407965.7
T9999.0	504509.2	5407966.9	7243.50000	249.65	0	48.824666	-86.938566	56151.56	56256.5	-6.47	56145.09	56145.08984	56127.74520	56127.74609	504509.2	5407966.9
T9999.0	504508.6	5407968.0	7243.60010	249.67	0	48.824676	-86.938574	56151.98	56256.5	-6.47	56145.51	56145.51172	56127.59810	56127.59766	504508.6	5407968.0
T9999.0	504508.6	5407968.0	7243.70020	251.81	0	48.824676	-86.938574	56152.12	56256.5	-6.47	56145.65	56145.64844	56127.46615	56127.46484	504508.6	5407968.0
T9999.0	504507.8	5407969.3	7243.79981	252.21	0	48.824688	-86.938585	56152.09	56256.5	-6.47	56145.62	56145.62109	56127.34197	56127.34375	504507.8	5407969.3
T9999.0	504507.1	5407970.5	7243.89990	252.23	0	48.824699	-86.938594	56152.14	56256.5	-6.47	56145.67	56145.67188	56127.20883	56127.20703	504507.1	5407970.5
T9999.0	504507.1	5407970.5	7244.00000	253.21	0	48.824699	-86.938594	56152.23	56256.5	-6.47	56145.76	56145.76172	56127.06934	56127.07031	504507.1	5407970.5
T9999.0	504506.4	5407971.9	7244.10010	254.30	0	48.824711	-86.938604	56152.52	56256.5	-6.47	56146.05	56146.05078	56126.91279	56126.91406	504506.4	5407971.9
T9999.0	504505.7	5407973.1	7244.20020	255.93	0	48.824722	-86.938613	56152.39	56256.5	-6.47	56145.92	56145.92188	56126.78046	56126.78125	504505.7	5407973.1
T9999.0	504505.7	5407973.1	7244.29981	256.85	0	48.824722	-86.938613	56152.51	56256.5	-6.47	56146.04	56146.03906	56126.62762	56126.62891	504505.7	5407973.1
T9999.0	504504.9	5407974.5	7244.39990	256.41	0	48.824734	-86.938624	56152.42	56256.5	-6.47	56145.95	56145.94922	56126.48489	56126.48438	504504.9	5407974.5
T9999.0	504504.0	5407976.1	7244.50000	257.32	0	48.824749	-86.938637	56152.63	56256.5	-6.47	56146.15	56146.14844	56126.31889	56126.32031	504504.0	5407976.1
T9999.0	504504.0	5407976.1	7244.60010	259.79	0	48.824749	-86.938637	56152.59	56256.5	-6.47	56146.12	56146.12109	56126.16424	56126.16406	504504.0	5407976.1
T9999.0	504503.1	5407977.7	7244.70020	266.47	0	48.824763	-86.938649	56152.44	56256.5	-6.47	56145.97	56145.96875	56126.01356	56126.01172	504503.1	5407977.7
T9999.0	504502.4	5407978.8	7244.70020	266.47	0	48.824774	-86.938658	56152.42	56256.5	-6.47	56145.95	56145.94922	56125.85014	56125.85156	504502.4	5407978.8
T9999.0	504502.4	5407978.8	7244.89990	259.11	0	48.824774	-86.938658	56152.62	56256.5	-6.47	56146.15	56146.14844	56125.66792	56125.66797	504502.4	5407978.8
T9999.0	504501.5	5407980.4	7245.00000	254.62	0	48.824788	-86.938670	56152.70	56256.5	-6.47	56146.23	56146.23047	56125.48954	56125.48828	504501.5	5407980.4
T9999.0	504500.6	5407982.0	7245.10010	252.05	0	48.824802	-86.938682	56152.43	56256.5	-6.47	56145.97	56145.96875	56125.32961	56125.32813	504500.6	5407982.0
T9999.0	504500.6	5407982.0	7245.20020	251.75	0	48.824802	-86.938682	56152.29	56256.5	-6.47	56145.83	56145.82813	56125.15743	56125.15625	504500.6	5407982.0
T9999.0	504500.1	5407983.0	7245.29981	252.31	0	48.824811	-86.938690	56152.47	56256.5	-6.46	56146.00	56146.00000	56124.96029	56124.96094	504500.1	5407983.0
T9999.0	504499.5	5407984.0	7245.39990	254.72	0	48.824820	-86.938698	56152.41	56256.5	-6.46	56145.95	56145.94922	56124.77349	56124.77344	504499.5	5407984.0
T9999.0	504498.7	5407985.4	7245.50000	257.30	0	48.824833	-86.938708	56152.14	56256.5	-6.46	56145.68	56145.67969	56124.59699	56124.59766	504498.7	5407985.4
T9999.0	504498.7	5407985.4	7245.60010	259.15	0	48.824833	-86.938708	56152.06	56256.5	-6.46	56145.61	56145.60938	56124.40276	56124.40234	504498.7	5407985.4
T9999.0	504498.1	5407986.6	7245.70020	256.93	0	48.824844	-86.938717	56152.17	56256.5	-6.46	56145.71	56145.71094	56124.19276	56124.19141	504498.1	5407986.6
T9999.0	504497.1	5407988.2	7245.79981	258.26	0	48.824858	-86.938730	56151.86	56256.5	-6.45	56145.41	56145.41016	56124.00497	56124.00391	504497.1	5407988.2
T9999.0	504497.1	5407988.2	7245.89990	256.75	0	48.824858	-86.938730	56151.45	56256.5	-6.45	56145.00	56145.00000	56123.82001	56123.82031	504497.1	5407988.2
T9999.0	504496.3	5407989.6	7246.00000	257.00	0	48.824871	-86.938741	56151.61	56256.4	-6.45	56145.16	56145.16016	56123.59253	56123.59375	504496.3	5407989.6
T9999.0	504495.6	5407990.9	7246.10010	256.35	0	48.824882	-86.938750	56151.48	56256.5	-6.45	56145.03	56145.03125	56123.37983	56123.37891	504495.6	5407990.9
T9999.0	504495.6	5407990.9	7246.20020	256.45	0	48.824882	-86.938750	56150.82	56256.5	-6.45	56144.37	56144.37109	56123.19789	56123.19922	504495.6	5407990.9
T9999.0	504494.6	5407992.8	7246.29981	254.61	0	48.824899	-86.938765	56150.95	56256.5	-6.45	56144.49	56144.48828	56122.95935	56122.96094	504494.6	5407992.8
T9999.0	504494.6	5407992.8	7246.39990	253.81	0	48.824899	-86.938765	56150.62	56256.5	-6.45	56144.17	56144.17188	56122.74554	56122.74609	504494.6	5407992.8
T9999.0	504493.9	5407994.0	7246.50000	255.28	0	48.824910	-86.938774	56150.45	56256.5	-6.45	56143.99	56143.98828	56122.51775	56122.51953	504493.9	5407994.0
T9999.0	504493.3	5407994.9	7246.60010	253.63	0	48.824919	-86.938781	56150.01	56256.5	-6.46	56143.55	56143.55078	56122.30264	56122.30078	504493.3	5407994.9
T9999.0	504492.6	5407996.3	7246.70020	254.38	0	48.824931	-86.938792	56149.84	56256.5	-6.46	56143.38	56143.37891	56122.06487	56122.06641	504492.6	5407996.3
T9999.0	504491.9	5407997.5	7246.70020	254.38	0	48.824942	-86.938801	56149.54	56256.5	-6.46	56143.08	56143.07813	56121.83109	56121.83203	504491.9	5407997.5
T9999.0	504491.2	5407998.7	7246.89990	252.26	0	48.824953	-86.938810	56148.83	56256.5	-6.46	56142.37	56142.37109	56121.61995	56121.62109	504491.2	5407998.7
T9999.0	504491.2	5407998.7	7247.00000	254.02	0	48.824953	-86.938810	56148.94	56256.5	-6.46	56142.48	56142.48047	56121.34945	56121.34766	504491.2	5407998.7
T9999.0	504490.6	5407999.9	7247.10010	254.48	0	48.824964	-86.938819	56148.42	56256.5	-6.46	56141.96	56141.96094	56121.11624	56121.11719	504490.6	5407999.9
T9999.0	504489.9	5408001.2	7247.20020	254.18	0	48.824975	-86.938829	56148.10	56256.5	-6.46	56141.64	56141.64063	56120.86500	56120.86328	504489.9	5408001.2
T9999.0	504489.2	5408002.4	7247.29981	254.77	0	48.824986	-86.938838	56147.43	56256.5	-6.46	56140.97	56140.96875	56120.63238	56120.63281	504489.2	5408002.4
T9999.0	504489.2	5408002.4	7247.39990	254.27	0	48.824986	-86.938838	56147.23	56256.5	-6.46	56140.77	56140.76953	56120.36372	56120.36328	504489.2	5408002.4
T9999.0	504488.4	5408003.8	7247.50000	253.57	0	48.824999	-86.938849	56146.91	56256.5	-6.46	56140.45	56140.44922	56120.09836	56120.09766	504488.4	5408003.8
T9999.0	504487.6	5408005.3	7247.60010	252.92	0	48.825012	-86.938860	56146.22	56256.5	-6.45	56139.76	56139.76172	56119.85297	56119.85156	504487.6	5408005.3
T9999.0	504487.6	5408005.3	7247.70020	254.62	0	48.825012	-86.938860	56145.92	56256.5	-6.45	56139.47	56139.46875	56119.78222	56119.78125	504487.6	5408005.3
T9999.0	504486.9	5408006.5	7247.79981	254.97	0	48.825023	-86.938870	56145.46	56256.5	-6.45	56139.01	56139.01172	56119.79470	56119.79297	504486.9	5408006.5
T9999.0	504485.9	5408008.1	7247.89990	256.23	0	48.825038	-86.938882	56144.98	56256.5	-6.45	56138.53	56138.53125	56119.79593	56119.79688	504485.9	5408008.1
T9999.0	504485.9	5408008.1	7248.00000	257.84	0	48.825038	-86.938882	56144.23	56256.4	-6.45	56137.78	56137.78125	56119.77869	56119.77734	504485.9	5408008.1
T9999.0	504485.2	5408009.5	7248.10010	260.07	0	48.825050	-86.938893	56143.77	56256.5	-6.45	56137.32	56137.32031	56119.72598	56119.72656	504485.2	5408009.5
T9999.0	504484.3	5408011.0	7248.20020	262.23	0	48.825063	-86.938904	56143.28	56256.5	-6.45	56136.83	56136.82813	56119.63770	56119.63672	504484.3	5408011.0

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
T9999.0	504483.7	5408012.1	7248.29981	265.10	0	48.825073	-86.938913	56142.69	56256.5	-6.45	56136.24	56136.23828	56119.50930	56119.50781	504483.7	5408012.1
T9999.0	504483.7	5408012.1	7248.39990	265.50	0	48.825073	-86.938913	56141.66	56256.5	-6.45	56135.21	56135.21094	56119.32461	56119.32422	504483.7	5408012.1
T9999.0	504482.9	5408013.3	7248.50000	268.81	0	48.825084	-86.938923	56141.34	56256.5	-6.46	56134.88	56134.87891	56119.12087	56119.12109	504482.9	5408013.3
T9999.0	504482.4	5408014.4	7248.60010	267.92	0	48.825094	-86.938931	56140.78	56256.5	-6.46	56134.33	56134.32813	56118.86774	56118.86719	504482.4	5408014.4
T9999.0	504481.7	5408015.6	7248.70020	267.27	0	48.825105	-86.938941	56139.82	56256.5	-6.46	56133.36	56133.35938	56118.55225	56118.55078	504481.7	5408015.6
T9999.0	504481.7	5408015.6	7248.70020	267.27	0	48.825105	-86.938941	56139.14	56256.5	-6.46	56132.69	56132.69141	56118.20948	56118.21094	504481.7	5408015.6
T9999.0	504480.8	5408017.0	7248.89990	267.47	0	48.825117	-86.938952	56138.22	56256.5	-6.46	56131.76	56131.76172	56117.81619	56117.81641	504480.8	5408017.0
T9999.0	504479.9	5408018.6	7249.00000	266.50	0	48.825132	-86.938964	56137.88	56256.5	-6.46	56131.42	56131.42188	56117.41351	56117.41406	504479.9	5408018.6
T9999.0	504479.9	5408018.6	7249.10010	263.75	0	48.825132	-86.938964	56136.98	56256.5	-6.46	56130.52	56130.51953	56116.95477	56116.95313	504479.9	5408018.6
T9999.0	504479.2	5408019.8	7249.20020	261.46	0	48.825143	-86.938974	56136.61	56256.5	-6.46	56130.14	56130.14063	56116.48324	56116.48438	504479.2	5408019.8
T9999.0	504478.5	5408021.2	7249.29981	258.22	0	48.825155	-86.938984	56135.40	56256.5	-6.46	56128.93	56128.92969	56115.97012	56115.96875	504478.5	5408021.2
T9999.0	504477.8	5408022.3	7249.39990	254.38	0	48.825165	-86.938993	56134.51	56256.5	-6.46	56128.04	56128.03906	56115.45256	56115.45313	504477.8	5408022.3
T9999.0	504477.8	5408022.3	7249.50000	253.09	0	48.825165	-86.938993	56133.72	56256.5	-6.46	56127.26	56127.26172	56114.92930	56114.92969	504477.8	5408022.3
T9999.0	504477.0	5408023.8	7249.60010	253.13	0	48.825178	-86.939004	56132.84	56256.5	-6.47	56126.38	56126.37891	56114.40919	56114.41016	504477.0	5408023.8
T9999.0	504476.2	5408025.2	7249.70020	253.13	0	48.825191	-86.939015	56132.33	56256.5	-6.47	56125.86	56125.85938	56113.88460	56113.88281	504476.2	5408025.2
T9999.0	504475.3	5408026.7	7249.79981	253.38	0	48.825205	-86.939027	56131.32	56256.5	-6.47	56124.85	56124.85156	56113.39550	56113.39453	504475.3	5408026.7
T9999.0	504475.3	5408026.7	7249.79981	254.81	0	48.825205	-86.939027	56130.67	56256.5	-6.47	56124.20	56124.19922	56112.94073	56112.94141	504475.3	5408026.7
T9999.0	504474.6	5408028.0	7250.00000	258.06	0	48.825216	-86.939036	56129.32	56256.5	-6.47	56122.85	56122.85156	56112.63456	56112.63281	504474.6	5408028.0
T9999.0	504474.6	5408028.0	7250.10010	257.47	0	48.825216	-86.939036	56128.52	56256.5	-6.47	56122.05	56122.05078	56112.28795	56112.28906	504474.6	5408028.0
T9999.0	504473.5	5408029.9	7250.20020	254.92	0	48.825234	-86.939051	56127.48	56256.5	-6.47	56121.01	56121.01172	56111.95364	56111.95313	504473.5	5408029.9
T9999.0	504472.8	5408031.2	7250.29981	253.05	0	48.825245	-86.939061	56126.82	56256.5	-6.47	56120.35	56120.35156	56111.59037	56111.58984	504472.8	5408031.2
T9999.0	504472.2	5408032.4	7250.39990	252.70	0	48.825256	-86.939070	56125.48	56256.5	-6.47	56119.02	56119.01953	56111.26820	56111.26953	504472.2	5408032.4
T9999.0	504472.2	5408032.4	7250.50000	252.54	0	48.825256	-86.939070	56124.69	56256.5	-6.46	56118.23	56118.23047	56110.90655	56110.90625	504472.2	5408032.4
T9999.0	504471.5	5408033.6	7250.60010	253.53	0	48.825266	-86.939079	56123.81	56256.5	-6.46	56117.35	56117.35156	56110.54749	56110.54688	504471.5	5408033.6
T9999.0	504470.8	5408034.8	7250.70020	253.79	0	48.825277	-86.939088	56122.64	56256.5	-6.46	56116.18	56116.17969	56110.20443	56110.20313	504470.8	5408034.8
T9999.0	504470.0	5408036.3	7250.70020	253.79	0	48.825291	-86.939099	56121.45	56256.5	-6.46	56114.99	56114.98828	56109.85947	56109.85938	504470.0	5408036.3
T9999.0	504470.0	5408036.3	7250.89990	253.83	0	48.825291	-86.939099	56120.44	56256.5	-6.46	56113.98	56113.98047	56109.49934	56109.50000	504470.0	5408036.3
T9999.0	504469.0	5408037.9	7251.00000	257.54	0	48.825306	-86.939112	56119.79	56256.5	-6.46	56113.33	56113.32813	56109.11214	56109.11328	504469.0	5408037.9
T9999.0	504469.0	5408037.9	7251.10010	260.21	0	48.825306	-86.939112	56118.45	56256.5	-6.46	56111.99	56111.98828	56108.76795	56108.76953	504469.0	5408037.9
T9999.0	504468.1	5408039.5	7251.20020	262.56	0	48.825320	-86.939124	56117.23	56256.5	-6.46	56110.77	56110.76953	56108.41286	56108.41406	504468.1	5408039.5
T9999.0	504467.4	5408040.8	7251.29981	259.40	0	48.825332	-86.939135	56116.27	56256.5	-6.46	56109.81	56109.80859	56108.03764	56108.03906	504467.4	5408040.8
T9999.0	504467.4	5408040.8	7251.39990	259.83	0	48.825332	-86.939135	56115.34	56256.5	-6.46	56108.88	56108.87891	56107.65771	56107.65625	504467.4	5408040.8
T9999.0	504466.5	5408042.3	7251.50000	260.97	0	48.825345	-86.939146	56113.82	56256.5	-6.46	56107.36	56107.35938	56107.31450	56107.31641	504466.5	5408042.3
T9999.0	504465.8	5408043.6	7251.60010	260.53	0	48.825356	-86.939156	56112.83	56256.5	-6.46	56106.37	56106.37109	56106.93344	56106.93359	504465.8	5408043.6
T9999.0	504465.8	5408043.6	7251.70020	262.18	0	48.825356	-86.939156	56112.10	56256.5	-6.46	56105.64	56105.64063	56106.53264	56106.53125	504465.8	5408043.6
T9999.0	504465.0	5408045.1	7251.79981	259.51	0	48.825370	-86.939167	56110.42	56256.5	-6.46	56103.96	56103.96094	56106.19287	56106.19141	504465.0	5408045.1
T9999.0	504464.3	5408046.4	7251.89990	258.94	0	48.825382	-86.939177	56109.49	56256.5	-6.46	56103.03	56103.03125	56105.80089	56105.80078	504464.3	5408046.4
T9999.0	504464.3	5408046.4	7252.00000	256.58	0	48.825382	-86.939177	56108.23	56256.5	-6.46	56101.77	56101.76953	56105.42882	56105.42969	504464.3	5408046.4
T9999.0	504463.2	5408048.3	7252.10010	256.07	0	48.825399	-86.939192	56106.89	56256.5	-6.46	56100.43	56100.42969	56105.06009	56105.05859	504463.2	5408048.3
T9999.0	504462.3	5408049.8	7252.20020	255.20	0	48.825412	-86.939203	56105.82	56256.5	-6.46	56099.36	56099.35938	56104.67148	56104.67188	504462.3	5408049.8
T9999.0	504462.3	5408049.8	7252.29981	254.37	0	48.825412	-86.939203	56104.96	56256.5	-6.46	56098.50	56098.50000	56104.26712	56104.26563	504462.3	5408049.8
T9999.0	504461.6	5408051.1	7252.39990	254.44	0	48.825424	-86.939213	56103.40	56256.5	-6.46	56096.94	56096.94141	56103.90777	56103.90625	504461.6	5408051.1
T9999.0	504461.0	5408052.2	7252.50000	255.22	0	48.825434	-86.939222	56102.16	56256.5	-6.46	56095.70	56095.69922	56103.52555	56103.52734	504461.0	5408052.2
T9999.0	504461.0	5408052.2	7252.60010	252.99	0	48.825434	-86.939222	56101.18	56256.5	-6.46	56094.72	56094.71875	56103.12459	56103.12500	504461.0	5408052.2
T9999.0	504460.1	5408053.7	7252.70020	254.59	0	48.825448	-86.939234	56099.70	56256.5	-6.46	56093.24	56093.23828	56102.75568	56102.75391	504460.1	5408053.7
T9999.0	504459.4	5408055.0	7252.70020	254.59	0	48.825459	-86.939243	56098.36	56256.5	-6.46	56091.90	56091.89844	56102.37626	56102.37500	504459.4	5408055.0
T9999.0	504459.4	5408055.0	7252.89990	251.47	0	48.825459	-86.939243	56097.05	56256.5	-6.46	56090.59	56090.58984	56101.98028	56101.98047	504459.4	5408055.0
T9999.0	504458.5	5408056.5	7253.00000	251.28	0	48.825473	-86.939255	56096.14	56256.5	-6.46	56089.68	56089.67969	56101.52659	56101.52734	504458.5	5408056.5
T9999.0	504457.6	5408058.2	7253.10010	251.24	0	48.825488	-86.939268	56094.72	56256.5	-6.46	56088.26	56088.26172	56101.09075	56101.08984	504457.6	5408058.2
T9999.0	504456.8	5408059.6	7253.20020	252.62	0	48.825501	-86.939279	56093.25	56256.5	-6.46	56086.79	56086.78906	56100.64355	56100.64453	504456.8	5408059.6
T9999.0	504456.8	5408059.6	7253.29981	256.58	0	48.825501	-86.939279	56092.24	56256.5	-6.46	56085.78	56085.78125	56100.16296	56100.16406	504456.8	5408059.6
T9999.0	504455.9	5408061.1	7253.39990	261.35	0	48.825514	-86.939291	56090.82	56256.5	-6.46	56084.36	56084.35938	56099.69666	56099.69531	504455.9	5408061.1
T9999.0	504455.9	5408061.1	7253.50000	260.86	0	48.825514	-86.939291	56089.38	56256.5	-6.46	56082.92	56082.92188	56099.22903	56099.23047	504455.9	5408061.1
T9999.0	504455.0	5408062.8	7253.60010	262.22	0	48.825529	-86.939304	56088.17	56256.5	-6.46	56081.71	56081.71094	56098.75741	56098.75781	504455.0	5408062.8
T9999.0	504454.1	5408064.2	7253.70020	260.58	0	48.825542	-86.939315	56086.93	56256.5	-6.46	56080.47	56080.46875	56098.29866	56098.29688	504454.1	5408064.2
T9999.0	504453.5	5408065.3	7253.79981	262.11	0	48.825552	-86.939324	56085.46	56256.5	-6.46	56079.00	56079.00000	56097.86424	56097.86328	504453.5	5408065.3
T9999.0	504453.5	5408065.3	7253.89990	263.11	0	48.825552	-86.939324	56084.29	56256.5	-6.46	56077.83	56077.82813	56097.44208	56097.44141	504453.5	5408065.3
T9999.0	504452.7	5408066.7	7254.00000	261.39	0	48.825565	-86.939335	56082.68	56256.5	-6.46	56076.22	56076.21875	56097.06059	56097.06250	504452.7	5408066.7
T9999.0	504451.8	5408068.2	7254.10010	262.19	0	48.825578	-86.939346	56081.42	56256.5	-6.46	56074.96	56074.96094	56096.70015	56096.69922	504451.8	5408068.2
T9999.0	504451.0	5408069.6	7254.20020	260.10	0	48.825591	-86.939358	56080.20	56256.5	-6.46	56073.74	56073.73828	56096.37155	56096.37109	504451.0	5408069.6
T9999.0	504451.0	5408069.6	7254.29981	261.31	0	48.825591	-86.939358	56078.66	56256.5	-6.46	56072.20	56072.19922	56096.09159	56096.08984	504451.0	5408069.6
T9999.0	504450.1	5408071.0	7254.39990	260.28	0	48.825604	-86.939369	56077.19	56256.5	-6.46	56070.73	56070.73047	56095.84507	56095.84375	504450.1	5408071.0
T9999.0	504450.1	5408071.0	7254.50000	256.45	0	48.825604	-86.939369	56076.28	56256.5	-6.46	56069.82	56069.82031	56095.59420	56095.59375	504450.1	5408071.0
T9999.0	504449.1	5408072.7	7254.60010	254.14	0	48.825619	-86.939383	56074.68	56256.5	-6.46	56068.22	56068.21875	56095.39946	56095.39844	504449.1	5408072.7
T9999.0	504448.4	5408074.1	7254.70020	252.13	0	48.825631	-86.939394	56073.25	56256.5	-6.46	56066.79	56066.78906	56095.09757	56095.09766	504448.4	5408074.1
T9999.0	504448.4	5408074.1	7254.70020	252.13	0	48.825631	-86.939394	56072.06	56256.5	-6.46	56065.60	56065.60156	56094.71317	56094.71484	504448.4	5408074.1
T9999.0	504447.4	5408075.8	7254.89990	253.53	0	48.825646	-86.939407	56070.16	56256.5	-6.46	56063.70	56063.69922	56094.37789	56094.37891	504447.4	5408075.8
T9999.0	504447.4	5408075.8	7255.00000	254.58	0	48.825646	-86.939407	56069.10	56256.5	-6.46	56062.64	56062.64063	56093.98857	56093.98828	504447.4	5408075.8
T9999.0	504445.9	5408078.3	7255.10010	255.98	0	48.825669	-86.939427	56067.96	56256.5	-6.46	56061.50	56061.50000	56093.60669	56093.60547	504445.9	5408078.3
T9999.0	504445.9	5408078.3	7255.20020	251.77	0	48.825669	-86.939427	56066.34	56256.5	-6.46	56059.88	56059.87891	56093.25909	56093.25781	504445.9	5408078.3
T9999.0	504445.2	5408079.6	7255.29981	250.18	0	48.825681	-86.939437	56064.87	56256.5	-6.46	56058.41	56058.41016	56092.90391	56092.90234	504445.2	5408079.6
T9999.0	504445.2	5408079.6	7255.39990	249.60	0	48.825681	-86.939437	56063.43	56256.5	-6.46	56056.97	56056.96875	56092.54933	56092.55078	504445.2	5408079.6
T9999.0	504444.4	5408081.0	7255.50000	255.89	0	48.825694	-86.939448	56062.24	56256.5	-6.46	56055.77	56055.76953	56092.18151	56092.17969	504444.4	5408081.0
T9999.0	504443.5	5408082.5	7255.60010	256.03	0	48.825706	-86.939459	56060.72	56256.5	-6.47	56054.26	56054.26172	56091.83728	56091.83594	504443.5	5408082.5
T9999.0	504443.5	5408082.5	7255.70020	255.79	0	48.825706	-86.939459	56059.13	56256.5	-6.47	56052.66	56052.66016	56091.50213	56091.50391	504443.5	5408082.5
T9999.0	504442.5	5408084.4	7255.79981	255.62	0	48.825724	-86.939474	56057.71	56256.5	-6.47	56051.25	56051.25000	56091.15757	56091.15625	504442.5	5408084.4
T9999.0	504441.9	5408085.4	7255.89990	258.10	0	48.825733	-86.939482	56056.57	56256.5	-6.47	56050.11	56050.10938	56090.71066	56090.71094	504441.9	5408085.4
T9999.0	504441.2	5408086.6	7256.00000	255.65	0	48.825744	-86.939492	56054.96	56256.5	-6.47	56048.49	56048.48828	56090.11715	56090.11719	504441.2	5408086.6
T9999.0	504441.2	5408086.6	7256.10010	258.71	0	48.825744	-86.939492	56053.66	56256.5	-6.47	56047.19	56047.19141	56089.48969	56089.48828	504441.2	5408086.6
T9999.0	504440.3	5408088.2	7256.20020	264.99	0	48.825758	-86.939503	56052.02	56256.5	-6.47	56045.56	56045.55859	56088.87434	56088.87500	504440.3	5408088.2
T9999.0	504439.5	5408089.6	7256.29981	265.02	0	48.825771	-86.939515	56050.66	56256.5	-6.47	56044.19	56044.19141	56088.25550	56088.25391	504439.5	5408089.6
T9999.0	504439.5	5408089.6	7256.39990	262.49	0	48.825771	-86.939515	56049.37	56256.5	-6.47	56042.90	56042.89844	56087.65643	56087.65625	504439.5	5408089.6
T9999.0	504438.7	5408090.9	7256.50000	263.57	0	48.825783	-86.939525	56047.92	56256.5	-6.47	56041.46	56041.46094	56087.10009	56087.10156	504438.7	5408090.9
T9999.0	504437.8	5408092.5	7256.60010	262.41	0	48.825797	-86.939537	56046.28	56256.5	-6.46	56039.81	56039.80859	56086.59985	56086.60156	504437.8	5408092.5
T9999.0	504437.8	5408092.5	7256.70020	261.65	0	48.825797	-86.939537	56044.91	56256.5	-6.46	56038.45	56038.44922	56086.15672	56086.15625	504437.8	5408092.5
T9999.0	504437.0	5408094.0	7256.70020	261.65	0	48.825810	-86.939548	56043.93	56256.5	-6.46	56037.46	56037.46094	56085.77611	56085.77734	504437.0	5408094.0
T9999.0	504435.9	5408095.9	7256.89990	256.68	0	48.825827	-86.939563	56042.18	56256.5	-6.46	56035.72	56035.71875	56085.48506	56085.48438	504435.9	5408095.9
T9999.0	504435.9	5408095.9	7257.00000	254.57	0	48.825827	-86.939563	56040.79	56256.5	-6.46	56034.33	56034.32813	56085.26213	56085.26172	504435.9	5408095.9
T9999.0	504435.3	5408096.9	7257.10010	257.74	0	48.825837	-86.939571	56039.45	56256.5	-6.46	56032.98	56032.98047	56085.11847	56085.11719	504435.3	5408096.9
T9999.0	504434.6	5408098.2	7257.20020	259.44	0	48.825848	-86.939580	56038.11	56256.5	-6.46	56031.65	56031.64844	56085.04850	56085.04688	504434.6	5408098.2
T9999.0	504434.6	5408098.2	7257.29981	258.29	0	48.825848	-86.939580	56036.54	56256.5	-6.46	56030.08	56030.07813	56085.04702	56085.04688	504434.6	5408098.2
T9999.0	504433.8	5408099.7	7257.39990	256.98	0	48.825861	-86.939592	56035.31	56256.5	-6.46	56028.84	56028.83984	56085.07729	56085.07813	504433.8	5408099.7
T9999.0	504433.1	5408100.9	7257.50000	258.37	0	48.825872	-86.939602	56034.24	56256.5	-6.46	56027.77	56027.76953	56085.12447	56085.12500	504433.1	5408100.9

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
T9999.0	504432.2	5408102.5	7257.60010	259.57	0	48.825886	-86.939614	56032.36	56256.5	-6.47	56025.90	56025.89844	56085.22615	56085.22656	504432.2	5408102.5
T9999.0	504432.2	5408102.5	7257.70020	256.43	0	48.825886	-86.939614	56031.46	56256.5	-6.47	56024.99	56024.98828	56085.26625	56085.26563	504432.2	5408102.5
T9999.0	504431.3	5408103.9	7257.79981	256.82	0	48.825899	-86.939625	56030.02	56256.5	-6.47	56023.55	56023.55078	56085.17534	56085.17578	504431.3	5408103.9
T9999.0	504431.3	5408103.9	7257.89990	258.04	0	48.825899	-86.939625	56028.50	56256.5	-6.47	56022.03	56022.03125	56084.94527	56084.94531	504431.3	5408103.9
T9999.0	504430.5	5408105.4	7258.00000	256.63	0	48.825913	-86.939637	56027.56	56256.5	-6.47	56021.09	56021.08984	56084.68347	56084.68359	504430.5	5408105.4
T9999.0	504429.7	5408106.8	7258.10010	254.52	0	48.825925	-86.939648	56026.12	56256.5	-6.47	56019.65	56019.64844	56084.46207	56084.46094	504429.7	5408106.8
T9999.0	504429.1	5408107.8	7258.20020	253.73	0	48.825935	-86.939656	56024.55	56256.5	-6.47	56018.08	56018.07813	56084.25658	56084.25781	504429.1	5408107.8
T9999.0	504429.1	5408107.8	7258.29981	254.41	0	48.825935	-86.939656	56023.62	56256.5	-6.46	56017.16	56017.16016	56084.01515	56084.01563	504429.1	5408107.8
T9999.0	504428.2	5408109.4	7258.39990	256.43	0	48.825949	-86.939668	56022.35	56256.5	-6.46	56015.89	56015.89063	56083.80460	56083.80469	504428.2	5408109.4
T9999.0	504427.3	5408110.8	7258.50000	255.16	0	48.825962	-86.939680	56020.94	56256.5	-6.46	56014.48	56014.48047	56083.61106	56083.60938	504427.3	5408110.8
T9999.0	504426.7	5408111.9	7258.60010	255.06	0	48.825971	-86.939688	56019.97	56256.5	-6.46	56013.51	56013.51172	56083.39603	56083.39453	504426.7	5408111.9
T9999.0	504426.7	5408111.9	7258.70020	256.26	0	48.825971	-86.939688	56018.66	56256.5	-6.46	56012.20	56012.19922	56083.21165	56083.21094	504426.7	5408111.9
T9999.0	504425.6	5408113.8	7258.70020	256.26	0	48.825989	-86.939703	56017.62	56256.5	-6.46	56011.17	56011.17188	56082.74856	56082.75000	504425.6	5408113.8
T9999.0	504425.0	5408114.9	7258.89990	260.10	0	48.825999	-86.939711	56016.23	56256.5	-6.45	56009.78	56009.78125	56082.23321	56082.23438	504425.0	5408114.9
T9999.0	504425.0	5408114.9	7259.00000	259.24	0	48.825999	-86.939711	56015.22	56256.4	-6.45	56008.77	56008.76953	56081.66944	56081.66797	504425.0	5408114.9
T9999.0	504424.2	5408116.4	7259.10010	259.57	0	48.826012	-86.939723	56014.34	56256.5	-6.45	56007.89	56007.89063	56081.08654	56081.08594	504424.2	5408116.4
T9999.0	504424.2	5408116.4	7259.20020	259.66	0	48.826012	-86.939723	56013.42	56256.5	-6.45	56006.97	56006.96875	56080.50855	56080.50781	504424.2	5408116.4
T9999.0	504423.4	5408117.7	7259.29981	259.76	0	48.826024	-86.939733	56012.20	56256.5	-6.45	56005.75	56005.75000	56079.95883	56079.95703	504423.4	5408117.7
T9999.0	504422.5	5408119.2	7259.39990	260.13	0	48.826037	-86.939745	56011.20	56256.5	-6.45	56004.75	56004.75000	56079.43153	56079.42969	504422.5	5408119.2
T9999.0	504421.7	5408120.6	7259.50000	260.24	0	48.826050	-86.939756	56010.29	56256.5	-6.46	56003.83	56003.82813	56078.95200	56078.95313	504421.7	5408120.6
T9999.0	504421.7	5408120.6	7259.60010	260.34	0	48.826050	-86.939756	56009.50	56256.5	-6.46	56003.04	56003.03906	56078.53593	56078.53516	504421.7	5408120.6
T9999.0	504420.9	5408122.1	7259.70020	259.20	0	48.826063	-86.939767	56008.72	56256.5	-6.46	56002.26	56002.26172	56078.20266	56078.20313	504420.9	5408122.1
T9999.0	504420.2	5408123.3	7259.79981	259.78	0	48.826074	-86.939777	56007.43	56256.5	-6.46	56000.97	56000.96875	56077.97202	56077.97266	504420.2	5408123.3
T9999.0	504419.5	5408124.5	7259.89990	261.08	0	48.826085	-86.939786	56006.99	56256.5	-6.46	56000.53	56000.53125	56077.82706	56077.82813	504419.5	5408124.5
T9999.0	504419.5	5408124.5	7260.00000	264.37	0	48.826085	-86.939786	56006.26	56256.5	-6.46	55999.80	55999.80078	56077.79667	56077.79688	504419.5	5408124.5
T9999.0	504418.6	5408126.0	7260.10010	263.36	0	48.826098	-86.939798	56005.25	56256.5	-6.46	55998.79	55998.78906	56077.88901	56077.89063	504418.6	5408126.0
T9999.0	504417.7	5408127.5	7260.20020	263.16	0	48.826112	-86.939811	56004.82	56256.5	-6.46	55998.36	55998.35938	56078.08402	56078.08594	504417.7	5408127.5
T9999.0	504417.1	5408128.6	7260.29981	257.60	0	48.826121	-86.939819	56004.12	56256.5	-6.46	55997.66	55997.66016	56078.38897	56078.39063	504417.1	5408128.6
T9999.0	504417.1	5408128.6	7260.39990	258.32	0	48.826121	-86.939819	56003.03	56256.5	-6.46	55996.57	55996.57031	56078.80001	56078.80078	504417.1	5408128.6
T9999.0	504415.9	5408130.5	7260.50000	258.11	0	48.826139	-86.939835	56002.70	56256.5	-6.46	55996.24	55996.23828	56079.26070	56079.26172	504415.9	5408130.5
T9999.0	504415.4	5408131.5	7260.60010	260.42	0	48.826147	-86.939842	56002.34	56256.5	-6.46	55995.88	55995.87891	56079.78556	56079.78516	504415.4	5408131.5
T9999.0	504415.4	5408131.5	7260.70020	258.60	0	48.826147	-86.939842	56001.82	56256.5	-6.46	55995.36	55995.35938	56080.36746	56080.36719	504415.4	5408131.5
T9999.0	504414.4	5408133.1	7260.70020	258.60	0	48.826162	-86.939855	56001.03	56256.5	-6.46	55994.57	55994.57031	56080.74027	56080.74219	504414.4	5408133.1
T9999.0	504414.4	5408133.1	7260.89990	256.12	0	48.826162	-86.939855	56000.88	56256.5	-6.46	55994.42	55994.42188	56080.68277	56080.68359	504414.4	5408133.1
T9999.0	504413.5	5408134.7	7261.00000	255.53	0	48.826177	-86.939868	56000.57	56256.5	-6.46	55994.11	55994.10938	56080.64609	56080.64453	504413.5	5408134.7
T9999.0	504412.7	5408136.1	7261.10010	257.63	0	48.826190	-86.939879	56000.37	56256.5	-6.46	55993.91	55993.91016	56080.61225	56080.61328	504412.7	5408136.1
T9999.0	504412.7	5408136.1	7261.20020	255.59	0	48.826190	-86.939879	56000.04	56256.5	-6.45	55993.58	55993.57813	56080.59729	56080.59766	504412.7	5408136.1
T9999.0	504411.8	5408137.6	7261.29981	251.49	0	48.826203	-86.939891	56000.07	56256.5	-6.45	55993.61	55993.60938	56080.56856	56080.57031	504411.8	5408137.6
T9999.0	504411.1	5408138.8	7261.39990	248.54	0	48.826214	-86.939901	56000.07	56256.4	-6.45	55993.62	55993.62109	56080.55140	56080.55078	504411.1	5408138.8
T9999.0	504411.1	5408138.8	7261.50000	250.93	0	48.826214	-86.939901	55999.79	56256.4	-6.44	55993.34	55993.33984	56080.56381	56080.56250	504411.1	5408138.8
T9999.0	504410.1	5408140.5	7261.60010	251.11	0	48.826229	-86.939914	55999.94	56256.4	-6.44	55993.50	55993.50000	56080.55713	56080.55859	504410.1	5408140.5
T9999.0	504409.3	5408142.0	7261.70020	253.65	0	48.826242	-86.939926	56000.14	56256.4	-6.44	55993.71	55993.71094	56080.55736	56080.55859	504409.3	5408142.0
T9999.0	504409.3	5408142.0	7261.79981	252.77	0	48.826242	-86.939926	55999.84	56256.4	-6.44	55993.40	55993.39844	56080.60247	56080.60156	504409.3	5408142.0
T9999.0	504408.3	5408143.7	7261.89990	253.80	0	48.826257	-86.939939	56000.22	56256.4	-6.43	55993.79	55993.78906	56080.61112	56080.60938	504408.3	5408143.7
T9999.0	504408.3	5408143.7	7262.00000	252.57	0	48.826257	-86.939939	56000.59	56256.4	-6.43	55994.16	55994.16016	56080.63128	56080.63281	504408.3	5408143.7
T9999.0	504407.4	5408145.1	7262.10010	251.97	0	48.826270	-86.939951	56000.72	56256.4	-6.43	55994.29	55994.28906	56080.67758	56080.67578	504407.4	5408145.1
T9999.0	504406.4	5408146.8	7262.20020	256.43	0	48.826286	-86.939965	56000.98	56256.4	-6.44	55994.54	55994.53906	56080.72598	56080.72656	504406.4	5408146.8
T9999.0	504405.7	5408148.0	7262.29981	257.26	0	48.826296	-86.939974	56001.36	56256.4	-6.44	55994.92	55994.92188	56080.77576	56080.77734	504405.7	5408148.0
T9999.0	504405.7	5408148.0	7262.39990	257.17	0	48.826296	-86.939974	56002.02	56256.4	-6.44	55995.58	55995.57813	56080.81689	56080.81641	504405.7	5408148.0
T9999.0	504405.0	5408149.2	7262.50000	255.51	0	48.826307	-86.939983	56002.16	56256.4	-6.44	55995.72	55995.71875	56080.90262	56080.90234	504405.0	5408149.2
T9999.0	504405.0	5408149.2	7262.60010	255.40	0	48.826307	-86.939983	56002.80	56256.4	-6.45	55996.35	55996.35156	56080.96556	56080.96484	504405.0	5408149.2
T9999.0	504404.2	5408150.6	7262.70020	253.42	0	48.826320	-86.939995	56003.54	56256.5	-6.45	55997.08	55997.07813	56081.03163	56081.03125	504404.2	5408150.6
T9999.0	504403.5	5408151.8	7262.70020	253.42	0	48.826331	-86.940005	56003.96	56256.5	-6.45	55997.51	55997.51172	56081.12744	56081.12891	504403.5	5408151.8
T9999.0	504402.5	5408153.4	7262.89990	253.69	0	48.826345	-86.940017	56004.49	56256.5	-6.46	55998.03	55998.03125	56081.22688	56081.22656	504402.5	5408153.4
T9999.0	504402.5	5408153.4	7263.00000	251.63	0	48.826345	-86.940017	56005.68	56256.5	-6.46	55999.22	55999.21875	56081.29121	56081.29297	504402.5	5408153.4
T9999.0	504401.7	5408154.8	7263.10010	247.90	0	48.826358	-86.940028	56006.14	56256.5	-6.46	55999.68	55999.67969	56081.41365	56081.41406	504401.7	5408154.8
T9999.0	504401.0	5408156.0	7263.20020	249.11	0	48.826369	-86.940038	56006.74	56256.5	-6.46	56000.29	56000.28906	56081.53545	56081.53516	504401.0	5408156.0
T9999.0	504401.0	5408156.0	7263.29981	249.94	0	48.826369	-86.940038	56007.78	56256.5	-6.45	56001.33	56001.32813	56081.63782	56081.63672	504401.0	5408156.0
T9999.0	504400.1	5408157.6	7263.39990	250.52	0	48.826383	-86.940051	56008.69	56256.5	-6.45	56002.24	56002.23828	56081.75799	56081.75781	504400.1	5408157.6
T9999.0	504399.3	5408159.0	7263.50000	248.45	0	48.826395	-86.940061	56009.83	56256.4	-6.45	56003.38	56003.37891	56081.87183	56081.87109	504399.3	5408159.0
T9999.0	504399.3	5408159.0	7263.60010	247.75	0	48.826395	-86.940061	56010.38	56256.4	-6.45	56003.93	56003.92969	56082.03389	56082.03516	504399.3	5408159.0
T9999.0	504398.5	5408160.3	7263.70020	248.80	0	48.826407	-86.940072	56011.70	56256.4	-6.45	56005.26	56005.26172	56082.15270	56082.15234	504398.5	5408160.3
T9999.0	504397.9	5408161.4	7263.79981	249.02	0	48.826417	-86.940081	56012.74	56256.4	-6.44	56006.29	56006.28906	56082.30013	56082.30078	504397.9	5408161.4
T9999.0	504396.9	5408162.9	7263.89990	249.92	0	48.826431	-86.940093	56014.28	56256.4	-6.44	56007.84	56007.83984	56082.42136	56082.42188	504396.9	5408162.9
T9999.0	504396.9	5408162.9	7264.00000	251.35	0	48.826431	-86.940093	56015.37	56256.4	-6.44	56008.93	56008.92969	56082.58160	56082.58203	504396.9	5408162.9
T9999.0	504396.1	5408164.4	7264.10010	249.23	0	48.826444	-86.940105	56016.31	56256.4	-6.44	56009.87	56009.87109	56082.76002	56082.76172	504396.1	5408164.4
T9999.0	504395.2	5408165.9	7264.20020	248.89	0	48.826458	-86.940117	56017.70	56256.4	-6.44	56011.25	56011.25000	56082.91713	56082.91797	504395.2	5408165.9
T9999.0	504394.5	5408167.0	7264.29981	252.20	0	48.826468	-86.940126	56018.96	56256.4	-6.45	56012.51	56012.51172	56083.09012	56083.08984	504394.5	5408167.0
T9999.0	504394.5	5408167.0	7264.39990	254.00	0	48.826468	-86.940126	56020.38	56256.4	-6.45	56013.93	56013.92969	56083.26014	56083.26172	504394.5	5408167.0
T9999.0	504393.7	5408168.4	7264.50000	255.00	0	48.826480	-86.940137	56021.67	56256.4	-6.45	56015.22	56015.21875	56083.44637	56083.44531	504393.7	5408168.4
T9999.0	504392.9	5408169.7	7264.60010	256.17	0	48.826492	-86.940147	56022.91	56256.5	-6.45	56016.45	56016.44922	56083.64398	56083.64453	504392.9	5408169.7
T9999.0	504392.9	5408169.7	7264.70020	255.79	0	48.826492	-86.940147	56024.45	56256.5	-6.45	56018.00	56018.00000	56083.82745	56083.82813	504392.9	5408169.7
T9999.0	504392.1	5408171.2	7264.70020	255.79	0	48.826505	-86.940159	56025.96	56256.5	-6.45	56019.51	56019.51172	56084.02062	56084.01953	504392.1	5408171.2
T9999.0	504392.1	5408171.2	7264.89990	255.18	0	48.826505	-86.940159	56027.11	56256.5	-6.46	56020.65	56020.64844	56084.24529	56084.24609	504392.1	5408171.2
T9999.0	504391.1	5408172.9	7265.00000	256.65	0	48.826520	-86.940173	56028.95	56256.5	-6.46	56022.49	56022.48828	56084.42996	56084.42969	504391.1	5408172.9
T9999.0	504390.2	5408174.4	7265.10010	257.27	0	48.826534	-86.940185	56030.44	56256.5	-6.46	56023.99	56023.98828	56084.64378	56084.64453	504390.2	5408174.4
T9999.0	504390.2	5408174.4	7265.20020	257.13	0	48.826534	-86.940185	56031.86	56256.5	-6.45	56025.41	56025.41016	56084.86922	56084.87109	504390.2	5408174.4
T9999.0	504389.4	5408175.8	7265.29981	255.99	0	48.826547	-86.940196	56033.28	56256.4	-6.45	56026.83	56026.82813	56085.10076	56085.10156	504389.4	5408175.8
T9999.0	504388.6	5408177.1	7265.39990	256.94	0	48.826558	-86.940206	56035.07	56256.4	-6.44	56028.63	56028.62891	56085.31288	56085.31250	504388.6	5408177.1
T9999.0	504387.9	5408178.3	7265.50000	258.45	0	48.826569	-86.940216	56036.32	56256.4	-6.44	56029.88	56029.87891	56085.56739	56085.56641	504387.9	5408178.3
T9999.0	504387.9	5408178.3	7265.60010	259.83	0	48.826569	-86.940216	56038.01	56256.4	-6.44	56031.58	56031.57813	56085.79743	56085.79688	504387.9	5408178.3
T9999.0	504387.3	5408179.4	7265.70020	259.73	0	48.826579	-86.940225	56039.60	56256.4	-6.43	56033.17	56033.17188	56086.04013	56086.03906	504387.3	5408179.4
T9999.0	504386.7	5408180.4	7265.79981	258.70	0	48.826588	-86.940233	56041.10	56256.4	-6.43	56034.67	56034.67188	56086.29396	56086.29297	504386.7	5408180.4
T9999.0	504386.7	5408180.4	7265.89990	257.38	0	48.826588	-86.940233	56042.79	56256.4	-6.42	56036.36	56036.35938	56086.54007	56086.53906	504386.7	5408180.4
T9999.0	504385.8	5408181.9	7266.00000	257.97	0	48.826601	-86.940244	56044.48	56256.4	-6.42	56038.06	56038.05859	56086.79026	56086.78906	504385.8	5408181.9
T9999.0	504385.1	5408183.2	7266.10010	258.15	0	48.826613	-86.940255	56045.77	56256.4	-6.42	56039.35	56039.35156	56087.07232	56087.07422	504385.1	5408183.2
T9999.0	504384.4	5408184.3	7266.20020	262.01	0	48.826623	-86.940263	56047.70	56256.4	-6.42	56041.28	56041.28125	56087.29835	56087.29688	504384.4	5408184.3
T9999.0	504384.4	5408184.3	7266.29981	259.65	0	48.826623	-86.940263	56049.01	56256.4	-6.42	56042.59	56042.58984	56087.57099	56087.57031	504384.4	5408184.3
T9999.0	504383.6	5408185.7	7266.39990	255.21	0	48.826635	-86.940274	56050.66	56256.4	-6.42	56044.24	56044.23828	56087.82734	56087.82813	504383.6	5408185.7
T9999.0	504382.7	5408187.3	7266.50000	255.45	0	48.826650	-86.940287	56052.38	56256.4	-6.42	56045.96	56045.96094	56088.08120	56088.08203	504382.7	5408187.3
T9999.0	504382.1	5408188.5	7266.60010	251.89	0	48.826660	-86.940296	56053.75	56256.4	-6.42	56047.33	56047.32813	56088.35649	56088.35547	504382.1	5408188.5
T9999.0	504382.1	5408188.5	7266.70020	252.83	0	48.826660	-86.940296	56055.58	56256.4	-6.42	56049.16	56049.16016	56088.59866	56088.59766	504382.1	5408188.5
T9999.0	504381.2	5408189.9	7266.70020	252.83	0	48.826674	-86.940307	56056.83	56256.4	-6.42	56050.41	56050.41016	56088.87231	56088.87109	504381.2	5408189.9

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
T9999.0	504380.4	5408191.4	7266.89990	255.39	0	48.826687	-86.940318	56058.55	56256.4	-6.42	56052.13	56052.12891	56089.10964	56089.10938	504380.4	5408191.4
T9999.0	504379.8	5408192.4	7267.00000	254.79	0	48.826696	-86.940326	56060.02	56256.4	-6.42	56053.60	56053.60156	56089.35445	56089.35547	504379.8	5408192.4
T9999.0	504379.8	5408192.4	7267.10010	257.84	0	48.826696	-86.940326	56061.53	56256.4	-6.42	56055.11	56055.10938	56089.59015	56089.58984	504379.8	5408192.4
T9999.0	504378.9	5408194.2	7267.20020	259.84	0	48.826712	-86.940339	56063.31	56256.4	-6.42	56056.89	56056.89063	56089.80462	56089.80469	504378.9	5408194.2
T9999.0	504378.9	5408194.2	7267.29981	258.59	0	48.826712	-86.940339	56064.39	56256.4	-6.42	56057.98	56057.98047	56090.04996	56090.05078	504378.9	5408194.2
T9999.0	504378.1	5408195.6	7267.39990	258.15	0	48.826724	-86.940350	56066.26	56256.4	-6.42	56059.84	56059.83984	56090.25243	56090.25391	504378.1	5408195.6
T9999.0	504377.2	5408197.1	7267.50000	257.73	0	48.826738	-86.940361	56067.53	56256.4	-6.42	56061.12	56061.12109	56090.48290	56090.48438	504377.2	5408197.1
T9999.0	504377.2	5408197.1	7267.60010	257.89	0	48.826738	-86.940361	56068.89	56256.4	-6.41	56062.48	56062.48047	56090.71169	56090.71094	504377.2	5408197.1
T9999.0	504376.3	5408198.8	7267.70020	258.18	0	48.826753	-86.940374	56070.84	56256.4	-6.41	56064.43	56064.42969	56090.92489	56090.92578	504376.3	5408198.8
T9999.0	504375.9	5408199.5	7267.79981	258.66	0	48.826760	-86.940380	56071.73	56256.4	-6.41	56065.31	56065.30859	56091.18220	56091.18359	504375.9	5408199.5
T9999.0	504375.9	5408199.5	7267.89990	260.04	0	48.826760	-86.940380	56073.52	56256.4	-6.41	56067.11	56067.10938	56091.42015	56091.42188	504375.9	5408199.5
T9999.0	504375.1	5408201.0	7268.00000	260.65	0	48.826773	-86.940391	56074.82	56256.4	-6.41	56068.41	56068.41016	56091.68237	56091.68359	504375.1	5408201.0
T9999.0	504375.1	5408201.0	7268.10010	260.57	0	48.826773	-86.940391	56076.15	56256.4	-6.41	56069.74	56069.73828	56091.95483	56091.95313	504375.1	5408201.0
T9999.0	504374.4	5408202.2	7268.20020	259.33	0	48.826784	-86.940400	56077.80	56256.4	-6.41	56071.38	56071.37891	56092.23613	56092.23438	504374.4	5408202.2
T9999.0	504373.5	5408203.8	7268.29981	259.62	0	48.826798	-86.940411	56078.70	56256.4	-6.41	56072.29	56072.28906	56092.53868	56092.53906	504373.5	5408203.8
T9999.0	504372.9	5408204.9	7268.39990	259.23	0	48.826808	-86.940420	56080.43	56256.4	-6.41	56074.01	56074.01172	56092.84906	56092.84766	504372.9	5408204.9
T9999.0	504372.9	5408204.9	7268.50000	260.10	0	48.826808	-86.940420	56081.34	56256.4	-6.42	56074.92	56074.92188	56093.17611	56093.17578	504372.9	5408204.9
T9999.0	504372.2	5408206.2	7268.60010	259.60	0	48.826820	-86.940430	56082.93	56256.4	-6.42	56076.52	56076.51953	56093.51623	56093.51563	504372.2	5408206.2
T9999.0	504371.6	5408207.3	7268.70020	258.86	0	48.826830	-86.940438	56083.92	56256.4	-6.42	56077.50	56077.50000	56093.86685	56093.86719	504371.6	5408207.3
T9999.0	504371.0	5408208.4	7268.70020	258.86	0	48.826840	-86.940446	56085.51	56256.4	-6.42	56079.10	56079.10156	56094.23277	56094.23438	504371.0	5408208.4
T9999.0	504371.0	5408208.4	7268.89990	260.71	0	48.826840	-86.940446	56086.67	56256.4	-6.42	56080.25	56080.25000	56094.60580	56094.60547	504371.0	5408208.4
T9999.0	504370.4	5408209.6	7269.00000	262.31	0	48.826851	-86.940455	56087.62	56256.4	-6.42	56081.20	56081.19922	56094.98549	56094.98438	504370.4	5408209.6
T9999.0	504370.4	5408209.6	7269.10010	262.93	0	48.826851	-86.940455	56089.25	56256.4	-6.42	56082.83	56082.82813	56095.38126	56095.38281	504370.4	5408209.6
T9999.0	504369.7	5408210.9	7269.20020	261.30	0	48.826862	-86.940464	56089.84	56256.4	-6.41	56083.43	56083.42969	56095.77100	56095.76953	504369.7	5408210.9
T9999.0	504369.0	5408212.2	7269.29981	261.06	0	48.826874	-86.940474	56091.43	56256.4	-6.40	56085.03	56085.03125	56096.17855	56096.17969	504369.0	5408212.2
T9999.0	504369.0	5408212.2	7269.39990	261.30	0	48.826874	-86.940474	56092.27	56256.4	-6.40	56085.87	56085.87109	56096.58072	56096.58203	504369.0	5408212.2
T9999.0	504368.2	5408213.6	7269.50000	261.95	0	48.826887	-86.940484	56093.20	56256.4	-6.40	56086.80	56086.80078	56096.98738	56096.98828	504368.2	5408213.6
T9999.0	504368.2	5408213.6	7269.60010	262.18	0	48.826887	-86.940484	56094.59	56256.4	-6.39	56088.20	56088.19922	56097.40086	56097.40234	504368.2	5408213.6
T9999.0	504367.5	5408214.8	7269.70020	261.16	0	48.826897	-86.940493	56095.48	56256.4	-6.39	56089.09	56089.08984	56097.81072	56097.81250	504367.5	5408214.8
T9999.0	504367.0	5408215.8	7269.79981	260.66	0	48.826907	-86.940501	56096.59	56256.4	-6.38	56090.21	56090.21094	56098.22264	56098.22266	504367.0	5408215.8
T9999.0	504366.3	5408217.1	7269.89990	259.61	0	48.826918	-86.940510	56097.77	56256.4	-6.38	56091.40	56091.39844	56098.63345	56098.63281	504366.3	5408217.1
T9999.0	504366.3	5408217.1	7270.00000	259.50	0	48.826918	-86.940510	56098.70	56256.4	-6.37	56092.32	56092.32031	56099.04229	56099.04297	504366.3	5408217.1
T9999.0	504365.7	5408218.1	7270.10010	262.10	0	48.826927	-86.940518	56099.60	56256.4	-6.37	56093.23	56093.23047	56099.44918	56099.44922	504365.7	5408218.1
T9999.0	504365.1	5408219.2	7270.20020	260.23	0	48.826937	-86.940526	56100.84	56256.4	-6.37	56094.47	56094.46875	56099.84833	56099.84766	504365.1	5408219.2
T9999.0	504365.1	5408219.2	7270.29981	259.37	0	48.826937	-86.940526	56101.68	56256.4	-6.37	56095.31	56095.30859	56100.24724	56100.24609	504365.1	5408219.2
T9999.0	504364.6	5408220.2	7270.39990	258.90	0	48.826946	-86.940533	56102.43	56256.4	-6.37	56096.06	56096.05859	56100.64357	56100.64453	504364.6	5408220.2
T9999.0	504364.0	5408221.3	7270.50000	258.84	0	48.826956	-86.940541	56103.24	56256.4	-6.37	56096.87	56096.87109	56101.03279	56101.03125	504364.0	5408221.3
T9999.0	504364.0	5408221.3	7270.60010	258.52	0	48.826956	-86.940541	56104.48	56256.4	-6.37	56098.11	56098.10938	56101.39655	56101.39844	504364.0	5408221.3
T9999.0	504363.5	5408222.3	7270.70020	258.83	0	48.826965	-86.940548	56105.42	56256.4	-6.37	56099.05	56099.05078	56101.76025	56101.76172	504363.5	5408222.3
T9999.0	504363.0	5408223.2	7270.70020	258.83	0	48.826973	-86.940555	56106.41	56256.4	-6.37	56100.04	56100.03906	56102.10945	56102.10938	504363.0	5408223.2
T9999.0	504363.0	5408223.2	7270.89990	259.65	0	48.826973	-86.940555	56107.19	56256.4	-6.37	56100.82	56100.82031	56102.45726	56102.45703	504363.0	5408223.2
T9999.0	504362.5	5408224.1	7271.00000	257.17	0	48.826981	-86.940562	56107.68	56256.4	-6.37	56101.31	56101.30859	56102.80803	56102.80859	504362.5	5408224.1
T9999.0	504362.0	5408225.0	7271.10010	256.33	0	48.826990	-86.940568	56108.48	56256.4	-6.37	56102.11	56102.10938	56103.13541	56103.13672	504362.0	5408225.0
T9999.0	504362.0	5408225.0	7271.20020	257.15	0	48.826990	-86.940568	56109.41	56256.4	-6.37	56103.04	56103.03906	56103.45136	56103.45313	504362.0	5408225.0
T9999.0	504361.4	5408226.2	7271.29981	255.08	0	48.827000	-86.940577	56110.20	56256.4	-6.37	56103.83	56103.82813	56103.77379	56103.77344	504361.4	5408226.2
T9999.0	504360.9	5408227.0	7271.39990	254.19	0	48.827007	-86.940583	56110.91	56256.4	-6.37	56104.54	56104.53906	56104.09866	56104.09766	504360.9	5408227.0
T9999.0	504360.4	5408228.1	7271.50000	252.82	0	48.827017	-86.940591	56111.54	56256.4	-6.37	56105.17	56105.17188	56104.42591	56104.42578	504360.4	5408228.1
T9999.0	504360.4	5408228.1	7271.60010	253.40	0	48.827017	-86.940591	56112.40	56256.4	-6.37	56106.03	56106.03125	56104.73481	56104.73438	504360.4	5408228.1
T9999.0	504359.9	5408228.9	7271.70020	253.69	0	48.827024	-86.940597	56112.90	56256.4	-6.37	56106.53	56106.53125	56105.06465	56105.06641	504359.9	5408228.9
T9999.0	504359.5	5408229.7	7271.79981	255.59	0	48.827031	-86.940602	56113.69	56256.4	-6.37	56107.32	56107.32031	56105.37204	56105.37109	504359.5	5408229.7
T9999.0	504359.5	5408229.7	7271.89990	253.13	0	48.827031	-86.940602	56114.40	56256.4	-6.37	56108.03	56108.03125	56105.68161	56105.67969	504359.5	5408229.7
T9999.0	504358.9	5408230.9	7272.00000	253.16	0	48.827042	-86.940611	56115.06	56256.4	-6.37	56108.69	56108.69141	56105.99131	56105.99219	504358.9	5408230.9
T9999.0	504358.5	5408231.5	7272.10010	253.46	0	48.827048	-86.940616	56115.94	56256.4	-6.37	56109.57	56109.57031	56106.28310	56106.28125	504358.5	5408231.5
T9999.0	504358.0	5408232.5	7272.20020	253.79	0	48.827057	-86.940623	56116.45	56256.4	-6.37	56110.08	56110.07813	56106.59627	56106.59766	504358.0	5408232.5
T9999.0	504358.0	5408232.5	7272.29981	255.20	0	48.827057	-86.940623	56116.72	56256.4	-6.37	56110.35	56110.35156	56106.92213	56106.92188	504358.0	5408232.5
T9999.0	504357.7	5408233.2	7272.39990	256.73	0	48.827063	-86.940627	56117.46	56256.4	-6.37	56111.08	56111.07813	56107.21397	56107.21484	504357.7	5408233.2
T9999.0	504357.7	5408233.2	7272.50000	257.75	0	48.827063	-86.940627	56117.82	56256.4	-6.38	56111.44	56111.44141	56107.52709	56107.52734	504357.7	5408233.2
T9999.0	504357.1	5408234.2	7272.60010	256.25	0	48.827072	-86.940635	56118.59	56256.4	-6.38	56112.22	56112.21875	56107.80879	56107.80859	504357.1	5408234.2
T9999.0	504356.7	5408235.1	7272.70020	253.53	0	48.827080	-86.940641	56119.13	56256.4	-6.38	56112.75	56112.75000	56108.10373	56108.10547	504356.7	5408235.1
T9999.0	504356.7	5408235.1	7272.70020	253.53	0	48.827080	-86.940641	56119.96	56256.4	-6.38	56113.58	56113.57813	56108.37520	56108.37500	504356.7	5408235.1
T9999.0	504356.3	5408235.9	7272.89990	255.02	0	48.827087	-86.940647	56120.37	56256.4	-6.38	56113.99	56113.98828	56108.67118	56108.67188	504356.3	5408235.9
T9999.0	504355.9	5408236.7	7273.00000	254.32	0	48.827094	-86.940652	56120.88	56256.4	-6.38	56114.50	56114.50000	56108.95699	56108.95703	504355.9	5408236.7
T9999.0	504355.9	5408236.7	7273.10010	254.03	0	48.827094	-86.940652	56121.26	56256.4	-6.38	56114.88	56114.87891	56109.24794	56109.24609	504355.9	5408236.7
T9999.0	504355.5	5408237.3	7273.20020	254.33	0	48.827100	-86.940657	56121.70	56256.4	-6.37	56115.33	56115.32813	56109.53068	56109.53125	504355.5	5408237.3
T9999.0	504355.3	5408237.9	7273.29981	255.24	0	48.827105	-86.940660	56122.32	56256.4	-6.37	56115.95	56115.94922	56109.79853	56109.79688	504355.3	5408237.9
T9999.0	504354.8	5408238.8	7273.39990	256.62	0	48.827113	-86.940667	56123.00	56256.4	-6.37	56116.63	56116.62891	56110.05881	56110.05859	504354.8	5408238.8
T9999.0	504354.8	5408238.8	7273.50000	256.72	0	48.827113	-86.940667	56123.33	56256.4	-6.36	56116.96	56116.96094	56110.33885	56110.33984	504354.8	5408238.8
T9999.0	504354.5	5408239.3	7273.60010	254.25	0	48.827118	-86.940671	56123.79	56256.4	-6.36	56117.42	56117.42188	56110.60662	56110.60547	504354.5	5408239.3
T9999.0	504354.1	5408240.1	7273.70020	254.70	0	48.827125	-86.940676	56124.28	56256.4	-6.36	56117.92	56117.92188	56110.86814	56110.86719	504354.1	5408240.1
T9999.0	504354.1	5408240.1	7273.79981	253.84	0	48.827125	-86.940676	56124.60	56256.4	-6.36	56118.24	56118.23828	56111.13805	56111.13672	504354.1	5408240.1
T9999.0	504353.8	5408240.8	7273.89990	252.45	0	48.827131	-86.940681	56125.20	56256.4	-6.35	56118.85	56118.85156	56111.38502	56111.38672	504353.8	5408240.8
T9999.0	504353.8	5408240.8	7274.00000	251.14	0	48.827131	-86.940681	56125.25	56256.3	-6.35	56118.90	56118.89844	56111.66571	56111.66406	504353.8	5408240.8
T9999.0	504353.4	5408241.6	7274.10010	254.61	0	48.827138	-86.940686	56125.81	56256.4	-6.35	56119.46	56119.46094	56111.90879	56111.91016	504353.4	5408241.6
T9999.0	504353.0	5408242.2	7274.20020	256.45	0	48.827144	-86.940691	56126.34	56256.4	-6.35	56119.99	56119.98828	56112.15027	56112.14844	504353.0	5408242.2
T9999.0	504352.8	5408242.6	7274.29981	256.39	0	48.827148	-86.940694	56126.96	56256.4	-6.36	56120.61	56120.60938	56112.38214	56112.38281	504352.8	5408242.6
T9999.0	504352.8	5408242.6	7274.39990	255.57	0	48.827148	-86.940694	56127.02	56256.4	-6.36	56120.67	56120.67188	56112.64774	56112.64844	504352.8	5408242.6
T9999.0	504352.4	5408243.4	7274.50000	256.50	0	48.827155	-86.940699	56127.20	56256.4	-6.36	56120.83	56120.82813	56112.90307	56112.90234	504352.4	5408243.4
T9999.0	504352.4	5408243.4	7274.60010	259.34	0	48.827155	-86.940699	56127.64	56256.4	-6.36	56121.28	56121.28125	56113.13548	56113.13672	504352.4	5408243.4
T9999.0	504352.1	5408244.1	7274.70020	256.54	0	48.827161	-86.940703	56127.86	56256.4	-6.36	56121.49	56121.48828	56113.38031	56113.37891	504352.1	5408244.1
T9999.0	504351.8	5408244.6	7274.70020	256.54	0	48.827165	-86.940707	56128.44	56256.4	-6.36	56122.07	56122.07031	56113.59690	56113.59766	504351.8	5408244.6
T9999.0	504351.6	5408245.0	7274.89990	254.83	0	48.827170	-86.940710	56128.77	56256.4	-6.37	56122.40	56122.39844	56113.82659	56113.82813	504351.6	5408245.0
T9999.0	504351.6	5408245.0	7275.00000	255.41	0	48.827170	-86.940710	56129.27	56256.4	-6.37	56122.90	56122.89844	56114.04140	56114.04297	504351.6	5408245.0
T9999.0	504351.3	5408245.5	7275.10010	256.56	0	48.827174	-86.940714	56129.46	56256.4	-6.37	56123.10	56123.10156	56114.27267	56114.27344	504351.3	5408245.5
T9999.0	504351.1	5408246.0	7275.20020	259.36	0	48.827179	-86.940717	56129.81	56256.4	-6.37	56123.44	56123.44141	56114.49108	56114.49219	504351.1	5408246.0
T9999.0	504351.1	5408246.0	7275.29981	260.38	0	48.827179	-86.940717	56129.86	56256.4	-6.37	56123.49	56123.48828	56114.72532	56114.72656	504351.1	5408246.0
T9999.0	504350.8	5408246.6	7275.39990	259.80	0	48.827184	-86.940721	56130.08	56256.4	-6.37	56123.71	56123.71094	56114.94474	56114.94531	504350.8	5408246.6
T9999.0	504350.5	5408247.1	7275.50000	259.45	0	48.827188	-86.940725	56130.16	56256.4	-6.37	56123.79	56123.78906	56115.17002	56115.17188	504350.5	5408247.1
T9999.0	504350.5	5408247.1	7275.60010	259.12	0	48.827188	-86.940725	56130.16	56256.4	-6.36	56123.80	56123.80078	56115.39652	56115.39844	504350.5	5408247.1
T9999.0	504350.3	5408247.5	7275.70020	256.78	0	48.827191	-86.940727	56130.71	56256.4	-6.36	56124.35	56124.35156	56115.58358	56115.58203	504350.3	5408247.5
T9999.0	504350.1	5408247.9	7275.79981	256.91	0	48.827195	-86.940731	56130.79	56256.4	-6.36	56124.42	56124.42188	56115.79923	56115.80078	504350.1	5408247.9
T9999.0	504349.8	5408248.4	7275.89990	255.19	0	48.827200	-86.940734	56131.25	56256.4	-6.36	56124.89	56124.89063	56115.98482	56115.98438	504349.8	5408248.4
T9999.0	504349.8	5408248.4	7276.00000	253.36	0	48.827200	-86.940734	56131.27	56256.4	-6.36	56124.91	56124.91016	56116.19706	56116.19531	504349.8	5408248.4
T9999.0	504349.6	5408248.9	7276.10010	254.20	0	48.827204	-86.940738	56131.57	56256.4	-6.36	56125.21	56125.21094	56116.38728	56116.38672	504349.6	5408248.9

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
T9999.0	504349.4	5408249.2	7276.20020	254.96	0	48.827207	-86.940740	56131.60	56256.4	-6.36	56125.24	56125.23828	56116.59220	56116.59375	504349.4	5408249.2
T9999.0	504349.4	5408249.2	7276.29981	254.90	0	48.827207	-86.940740	56132.13	56256.4	-6.36	56125.76	56125.76172	56116.76115	56116.76172	504349.4	5408249.2
T9999.0	504349.2	5408249.6	7276.39990	256.18	0	48.827211	-86.940743	56132.34	56256.4	-6.36	56125.97	56125.96875	56116.94752	56116.94922	504349.2	5408249.6
T9999.0	504349.0	5408250.0	7276.50000	257.41	0	48.827214	-86.940746	56132.31	56256.4	-6.37	56125.95	56125.94922	56117.16542	56117.16406	504349.0	5408250.0
T9999.0	504349.0	5408250.0	7276.60010	256.46	0	48.827214	-86.940746	56132.76	56256.4	-6.37	56126.39	56126.39063	56117.37266	56117.37109	504349.0	5408250.0
T9999.0	504348.8	5408250.3	7276.70020	258.42	0	48.827217	-86.940748	56132.69	56256.4	-6.37	56126.32	56126.32031	56117.60911	56117.60938	504348.8	5408250.3
T9999.0	504348.8	5408250.3	7276.70020	258.42	0	48.827217	-86.940748	56132.63	56256.4	-6.37	56126.27	56126.26953	56117.84000	56117.83984	504348.8	5408250.3
T9999.0	504348.6	5408250.6	7276.89990	261.70	0	48.827220	-86.940751	56132.74	56256.4	-6.37	56126.37	56126.37109	56118.05926	56118.05859	504348.6	5408250.6
T9999.0	504348.5	5408250.8	7277.00000	262.92	0	48.827222	-86.940752	56132.82	56256.4	-6.37	56126.45	56126.44922	56118.27511	56118.27344	504348.5	5408250.8
T9999.0	504348.5	5408250.8	7277.10010	261.17	0	48.827222	-86.940752	56132.81	56256.4	-6.37	56126.44	56126.44141	56118.48892	56118.48828	504348.5	5408250.8
T9999.0	504348.4	5408251.1	7277.20020	259.10	0	48.827224	-86.940754	56132.79	56256.4	-6.37	56126.42	56126.42188	56118.69661	56118.69531	504348.4	5408251.1
T9999.0	504348.3	5408251.3	7277.29981	258.75	0	48.827226	-86.940755	56132.73	56256.4	-6.37	56126.36	56126.35938	56118.89836	56118.89844	504348.3	5408251.3
T9999.0	504348.2	5408251.5	7277.39990	260.47	0	48.827228	-86.940757	56132.46	56256.4	-6.37	56126.09	56126.08984	56119.09651	56119.09766	504348.2	5408251.5
T9999.0	504348.1	5408251.7	7277.50000	260.39	0	48.827229	-86.940758	56132.76	56256.4	-6.37	56126.39	56126.39063	56119.27666	56119.27734	504348.1	5408251.7
T9999.0	504348.1	5408251.7	7277.60010	260.60	0	48.827229	-86.940758	56132.41	56256.4	-6.37	56126.04	56126.03906	56119.45956	56119.46094	504348.1	5408251.7
T9999.0	504348.0	5408251.8	7277.70020	261.30	0	48.827230	-86.940759	56132.96	56256.4	-6.37	56126.59	56126.58984	56119.62477	56119.62500	504348.0	5408251.8
T9999.0	504347.9	5408251.9	7277.79981	258.94	0	48.827231	-86.940760	56132.89	56256.4	-6.37	56126.52	56126.51953	56119.78984	56119.78906	504347.9	5408251.9
T9999.0	504347.9	5408252.0	7277.89990	257.21	0	48.827232	-86.940761	56133.54	56256.4	-6.37	56127.17	56127.17188	56119.94372	56119.94531	504347.9	5408252.0
T9999.0	504347.9	5408252.0	7278.00000	259.12	0	48.827232	-86.940761	56133.88	56256.4	-6.37	56127.51	56127.51172	56120.09369	56120.09375	504347.9	5408252.0
T9999.0	504347.8	5408252.1	7278.10010	262.35	0	48.827233	-86.940762	56134.32	56256.4	-6.37	56127.95	56127.94922	56120.23701	56120.23828	504347.8	5408252.1
T9999.0	504347.8	5408252.1	7278.20020	262.64	0	48.827233	-86.940762	56134.66	56256.4	-6.37	56128.29	56128.28906	56120.37406	56120.37500	504347.8	5408252.1
T9999.0	504347.7	5408252.2	7278.29981	261.07	0	48.827234	-86.940763	56135.22	56256.4	-6.37	56128.85	56128.85156	56120.50353	56120.50391	504347.7	5408252.2
T9999.0	504347.7	5408252.2	7278.39990	260.95	0	48.827234	-86.940763	56135.17	56256.4	-6.37	56128.80	56128.80078	56120.62932	56120.62891	504347.7	5408252.2
T9999.0	504347.7	5408252.2	7278.50000	259.02	0	48.827234	-86.940763	56135.04	56256.4	-6.37	56128.67	56128.67188	56120.74996	56120.75000	504347.7	5408252.2
T9999.0	504347.7	5408252.3	7278.60010	259.64	0	48.827235	-86.940763	56135.09	56256.4	-6.37	56128.72	56128.71875	56120.86390	56120.86328	504347.7	5408252.3
T9999.0	504347.7	5408252.3	7278.70020	259.70	0	48.827235	-86.940763	56134.82	56256.4	-6.37	56128.45	56128.44922	56120.97611	56120.97656	504347.7	5408252.3
T9999.0	504347.8	5408252.3	7278.70020	259.70	0	48.827235	-86.940762	56134.66	56256.4	-6.37	56128.29	56128.28906	56121.08318	56121.08203	504347.8	5408252.3
T9999.0	504347.8	5408252.4	7278.89990	259.67	0	48.827236	-86.940762	56134.36	56256.4	-6.37	56127.99	56127.98828	56121.18917	56121.18750	504347.8	5408252.4
T9999.0	504347.8	5408252.4	7279.00000	258.53	0	48.827236	-86.940762	56134.28	56256.4	-6.37	56127.91	56127.91016	56121.28844	56121.28906	504347.8	5408252.4
T9999.0	504347.8	5408252.4	7279.10010	259.85	0	48.827236	-86.940761	56134.16	56256.4	-6.37	56127.79	56127.78906	56121.38568	56121.38672	504347.8	5408252.4
T9999.0	504347.9	5408252.4	7279.20020	262.32	0	48.827236	-86.940760	56133.88	56256.4	-6.36	56127.51	56127.51172	56121.48553	56121.48438	504347.9	5408252.4
T9999.0	504347.9	5408252.4	7279.29981	263.60	0	48.827236	-86.940760	56133.54	56256.4	-6.36	56127.18	56127.17969	56121.58697	56121.58594	504347.9	5408252.4
T9999.0	504348.0	5408252.5	7279.39990	263.87	0	48.827236	-86.940760	56133.18	56256.4	-6.36	56126.82	56126.82031	56121.69061	56121.69141	504348.0	5408252.5
T9999.0	504348.0	5408252.5	7279.50000	262.65	0	48.827236	-86.940760	56133.01	56256.4	-6.35	56126.66	56126.66016	56121.78720	56121.78906	504348.0	5408252.5
T9999.0	504348.0	5408252.5	7279.60010	259.03	0	48.827236	-86.940759	56132.46	56256.4	-6.35	56126.11	56126.10938	56121.90456	56121.90625	504348.0	5408252.5
T9999.0	504348.0	5408252.5	7279.60010	259.03	0	48.827236	-86.940759	56132.41	56256.4	-6.35	56126.06	56126.05859	56121.99895	56122.00000	504348.0	5408252.5
T9999.0	504348.1	5408252.5	7279.79981	256.71	0	48.827236	-86.940758	56132.27	56256.3	-6.35	56125.93	56125.92969	56122.09875	56122.09766	504348.1	5408252.5
T9999.0	504348.1	5408252.5	7279.79981	256.18	0	48.827236	-86.940758	56132.23	56256.3	-6.35	56125.89	56125.89063	56122.19606	56122.19531	504348.1	5408252.5
T9999.0	504348.1	5408252.5	7280.00000	259.04	0	48.827236	-86.940758	56132.06	56256.3	-6.34	56125.72	56125.71875	56122.31642	56122.31641	504348.1	5408252.5
T9999.0	504348.1	5408252.4	7280.10010	255.57	0	48.827236	-86.940758	56132.06	56256.3	-6.34	56125.72	56125.71875	56122.42378	56122.42188	504348.1	5408252.4
T9999.0	504348.1	5408252.4	7280.20020	255.18	0	48.827236	-86.940758	56131.89	56256.3	-6.35	56125.55	56125.55078	56122.54087	56122.53906	504348.1	5408252.4
T9999.0	504348.1	5408252.4	7280.29981	256.02	0	48.827236	-86.940758	56131.51	56256.4	-6.35	56125.16	56125.16016	56122.67108	56122.67188	504348.1	5408252.4
T9999.0	504348.1	5408252.4	7280.39990	255.51	0	48.827236	-86.940758	56131.37	56256.4	-6.36	56125.01	56125.01172	56122.78377	56122.78516	504348.1	5408252.4
T9999.0	504348.0	5408252.4	7280.50000	253.88	0	48.827236	-86.940758	56130.71	56256.4	-6.36	56124.35	56124.35156	56122.92902	56122.92969	504348.0	5408252.4
T9999.0	504348.0	5408252.4	7280.60010	254.11	0	48.827236	-86.940758	56130.61	56256.4	-6.36	56124.25	56124.25000	56123.03552	56123.03516	504348.0	5408252.4
T9999.0	504348.0	5408252.3	7280.70020	254.39	0	48.827235	-86.940759	56130.24	56256.4	-6.37	56123.87	56123.87109	56123.15933	56123.16016	504348.0	5408252.3
T9999.0	504348.0	5408252.3	7280.70020	254.39	0	48.827235	-86.940759	56130.38	56256.4	-6.37	56124.01	56124.01172	56123.24717	56123.24609	504348.0	5408252.3
T9999.0	504348.0	5408252.3	7280.89990	255.34	0	48.827235	-86.940759	56130.25	56256.4	-6.38	56123.88	56123.87891	56123.35174	56123.35156	504348.0	5408252.3
T9999.0	504348.0	5408252.3	7281.00000	260.20	0	48.827235	-86.940759	56130.46	56256.4	-6.38	56124.08	56124.07813	56123.43310	56123.43359	504348.0	5408252.3
T9999.0	504348.0	5408252.3	7281.10010	261.14	0	48.827235	-86.940760	56129.70	56256.4	-6.38	56123.32	56123.32031	56123.57728	56123.57813	504348.0	5408252.3
T9999.0	504348.0	5408252.3	7281.20020	259.63	0	48.827235	-86.940760	56129.68	56256.4	-6.38	56123.30	56123.30078	56123.67101	56123.67188	504348.0	5408252.3
T9999.0	504347.9	5408252.2	7281.29981	258.76	0	48.827234	-86.940760	56129.22	56256.4	-6.37	56122.85	56122.85156	56123.79232	56123.79297	504347.9	5408252.2
T9999.0	504347.9	5408252.2	7281.39990	259.32	0	48.827234	-86.940760	56128.99	56256.4	-6.37	56122.62	56122.62109	56123.89793	56123.89844	504347.9	5408252.2
T9999.0	504347.9	5408252.2	7281.50000	257.94	0	48.827234	-86.940761	56128.99	56256.4	-6.37	56122.62	56122.62109	56123.98720	56123.98828	504347.9	5408252.2
T9999.0	504347.9	5408252.2	7281.60010	257.30	0	48.827234	-86.940761	56128.98	56256.4	-6.37	56122.62	56122.62109	56124.07552	56124.07422	504347.9	5408252.2
T9999.0	504347.8	5408252.1	7281.70020	258.59	0	48.827233	-86.940762	56129.13	56256.4	-6.37	56122.76	56122.76172	56124.15228	56124.15234	504347.8	5408252.1
T9999.0	504347.8	5408252.1	7281.79981	257.01	0	48.827233	-86.940762	56128.99	56256.4	-6.36	56122.63	56122.62891	56124.24277	56124.24219	504347.8	5408252.1
T9999.0	504347.8	5408252.1	7281.89990	255.55	0	48.827233	-86.940762	56128.69	56256.4	-6.36	56122.33	56122.32813	56124.34204	56124.34375	504347.8	5408252.1
T9999.0	504347.7	5408252.0	7282.00000	257.42	0	48.827233	-86.940763	56128.44	56256.4	-6.36	56122.08	56122.07813	56124.43671	56124.43750	504347.7	5408252.0
T9999.0	504347.7	5408252.0	7282.10010	259.44	0	48.827232	-86.940764	56128.69	56256.4	-6.36	56122.33	56122.32813	56124.50240	56124.50391	504347.7	5408252.0
T9999.0	504347.7	5408252.0	7282.20020	261.05	0	48.827232	-86.940764	56129.32	56256.4	-6.36	56122.96	56122.96094	56124.54802	56124.54688	504347.7	5408252.0
T9999.0	504347.6	5408252.0	7282.29981	258.85	0	48.827232	-86.940764	56129.45	56256.4	-6.36	56123.09	56123.08984	56124.62232	56124.62109	504347.6	5408252.0
T9999.0	504347.6	5408252.0	7282.39990	260.05	0	48.827232	-86.940764	56129.46	56256.4	-6.36	56123.10	56123.10156	56124.70358	56124.70313	504347.6	5408252.0
T9999.0	504347.6	5408252.0	7282.50000	258.79	0	48.827232	-86.940765	56129.45	56256.4	-6.36	56123.09	56123.08984	56124.78626	56124.78516	504347.6	5408252.0
T9999.0	504347.6	5408251.9	7282.60010	257.13	0	48.827232	-86.940765	56129.93	56256.4	-6.36	56123.57	56123.57031	56124.84068	56124.83984	504347.6	5408251.9
T9999.0	504347.5	5408251.9	7282.70020	257.66	0	48.827232	-86.940765	56129.54	56256.4	-6.36	56123.18	56123.17969	56124.94584	56124.94531	504347.5	5408251.9
T9999.0	504347.5	5408251.9	7282.70020	257.66	0	48.827232	-86.940765	56129.53	56256.4	-6.36	56123.17	56123.17188	56125.02905	56125.02734	504347.5	5408251.9
T9999.0	504347.5	5408251.9	7282.89990	261.26	0	48.827232	-86.940765	56129.66	56256.4	-6.36	56123.30	56123.30078	56125.10323	56125.10156	504347.5	5408251.9
T9999.0	504347.5	5408251.9	7283.00000	259.40	0	48.827232	-86.940765	56129.92	56256.4	-6.36	56123.56	56123.55859	56125.16789	56125.16797	504347.5	5408251.9
T9999.0	504347.5	5408252.0	7283.10010	258.13	0	48.827232	-86.940765	56130.06	56256.4	-6.36	56123.70	56123.69922	56125.23747	56125.23828	504347.5	5408252.0
T9999.0	504347.5	5408252.0	7283.20020	258.61	0	48.827232	-86.940765	56129.95	56256.4	-6.36	56123.59	56123.58984	56125.32239	56125.32422	504347.5	5408252.0
T9999.0	504347.5	5408252.0	7283.29981	257.10	0	48.827232	-86.940765	56130.48	56256.4	-6.36	56124.12	56124.12109	56125.36421	56125.36328	504347.5	5408252.0
T9999.0	504347.5	5408252.0	7283.39990	255.90	0	48.827232	-86.940765	56130.34	56256.4	-6.36	56123.98	56123.98047	56125.45028	56125.44922	504347.5	5408252.0
T9999.0	504347.6	5408252.0	7283.50000	254.86	0	48.827233	-86.940765	56130.48	56256.4	-6.35	56124.13	56124.12891	56125.51662	56125.51563	504347.6	5408252.0
T9999.0	504347.6	5408252.0	7283.60010	256.41	0	48.827233	-86.940765	56130.41	56256.4	-6.35	56124.05	56124.05078	56125.59792	56125.59766	504347.6	5408252.0
T9999.0	504347.6	5408252.1	7283.70020	255.80	0	48.827233	-86.940765	56130.62	56256.4	-6.35	56124.27	56124.26953	56125.65886	56125.66016	504347.6	5408252.1
T9999.0	504347.6	5408252.1	7283.79981	256.42	0	48.827233	-86.940765	56130.56	56256.4	-6.35	56124.21	56124.21094	56125.73813	56125.73828	504347.6	5408252.1
T9999.0	504347.6	5408252.1	7283.89990	254.77	0	48.827233	-86.940765	56130.64	56256.4	-6.35	56124.29	56124.28906	56125.80625	56125.80469	504347.6	5408252.1
T9999.0	504347.6	5408252.1	7284.00000	254.27	0	48.827233	-86.940764	56130.72	56256.3	-6.35	56124.37	56124.37109	56125.87244	56125.87109	504347.6	5408252.1
T9999.0	504347.6	5408252.1	7284.10010	256.40	0	48.827233	-86.940764	56130.56	56256.3	-6.35	56124.21	56124.21094	56125.95289	56125.95313	504347.6	5408252.1
T9999.0	504347.6	5408252.1	7284.20020	258.04	0	48.827233	-86.940764	56130.74	56256.3	-6.35	56124.39	56124.39063	56126.01211	56126.01172	504347.6	5408252.1
T9999.0	504347.6	5408252.1	7284.29981	257.47	0	48.827234	-86.940764	56130.46	56256.3	-6.35	56124.11	56124.10938	56126.09802	56126.09766	504347.6	5408252.1
T9999.0	504347.7	5408252.2	7284.39990	258.88	0	48.827234	-86.940764	56130.74	56256.3	-6.35	56124.39	56124.39063	56126.15232	56126.15234	504347.7	5408252.2
T9999.0	504347.7	5408252.2	7284.50000	260.35	0	48.827234	-86.940764	56130.48	56256.3	-6.35	56124.13	56124.12891	56126.23703	56126.23828	504347.7	5408252.2
T9999.0	504347.7	5408252.2	7284.60010	263.64	0	48.827234	-86.940764	56130.72	56256.3	-6.35	56124.37	56124.37109	56126.29554	56126.29688	504347.7	5408252.2
T9999.0	504347.7	5408252.2	7284.70020	263.14	0	48.827234	-86.940764	56130.69	56256.3	-6.35	56124.34	56124.33984	56126.36975	56126.37109	504347.7	5408252.2
T9999.0	504347.7	5408252.2	7284.70020	263.14	0	48.827234	-86.940764	56130.84	56256.3	-6.35	56124.49	56124.48828	56126.43562	56126.43750	504347.7	5408252.2
T9999.0	504347.7	5408252.2	7284.89990	259.64	0	48.827234	-86.940764	56130.89	56256.3	-6.35	56124.54	56124.53906	56126.50844	56126.50781	504347.7	5408252.2
T9999.0	504347.7	5408252.2	7285.00000	259.01	0	48.827234	-86.940764	56130.74	56256.3	-6.35	56124.39	56124.39063	56126.59505	56126.59375	504347.7	5408252.2
T9999.0	504347.7	5408252.2	7285.10010	258.97	0	48.827234	-86.940764	56130.90	56256.3	-6.35	56124.55	56124.55078	56126.66551	56126.66406	504347.7	5408252.2
T9999.0	504347.7	5408252.2	7285.20020	260.20	0	48.827234	-86.940764	56130.79	56256.3	-6.35	56124.44	56124.44141	56126.75052	56126.75000	504347.7	5408252.2
T9999.0	504347.7	5408252.3	7285.29981	261.19	0	48.827235	-86.940764	56131.04	56256.3	-6.35	56124.69	56124.69141	56126.80600	56126.80469	504347.7	5408252.3
T9999.0	504347.7	5408252.3	7285.39990	262.25	0	48.827235	-86.940764	56131.09	56256.3	-6.35	56124.74	56124.73828	56126.87472	56126.87500	504347.7	5408252.3

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
T9999.0	504347.7	5408252.3	7285.50000	261.62	0	48.827235	-86.940764	56131.27	56256.3	-6.35	56124.92	56124.92188	56126.93469	56126.93359	504347.7	5408252.3
T9999.0	504347.7	5408252.3	7285.60010	258.42	0	48.827235	-86.940764	56131.20	56256.3	-6.35	56124.85	56124.85156	56127.01125	56127.01172	504347.7	5408252.3
T9999.0	504347.7	5408252.3	7285.70020	256.74	0	48.827235	-86.940763	56131.35	56256.3	-6.35	56125.00	56125.00000	56127.07309	56127.07422	504347.7	5408252.3
T9999.0	504347.7	5408252.3	7285.79981	254.01	0	48.827235	-86.940763	56131.27	56256.3	-6.35	56124.92	56124.92188	56127.15022	56127.14844	504347.7	5408252.3
T9999.0	504347.7	5408252.3	7285.89990	253.24	0	48.827235	-86.940763	56131.08	56256.3	-6.35	56124.73	56124.73047	56127.23465	56127.23438	504347.7	5408252.3
T9999.0	504347.7	5408252.3	7286.00000	251.15	0	48.827235	-86.940763	56131.20	56256.3	-6.35	56124.85	56124.85156	56127.29839	56127.29688	504347.7	5408252.3
T9999.0	504347.7	5408252.3	7286.10010	254.23	0	48.827235	-86.940763	56130.84	56256.4	-6.35	56124.49	56124.48828	56127.39412	56127.39453	504347.7	5408252.3
T9999.0	504347.7	5408252.3	7286.20020	252.36	0	48.827235	-86.940763	56130.66	56256.4	-6.35	56124.31	56124.30859	56127.47785	56127.47656	504347.7	5408252.3
T9999.0	504347.7	5408252.3	7286.29981	252.67	0	48.827235	-86.940763	56130.64	56256.4	-6.36	56124.29	56124.28906	56127.55093	56127.55078	504347.7	5408252.3
T9999.0	504347.7	5408252.3	7286.39990	252.27	0	48.827235	-86.940763	56130.82	56256.4	-6.36	56124.46	56124.46094	56127.61136	56127.61328	504347.7	5408252.3
T9999.0	504347.7	5408252.3	7286.50000	250.58	0	48.827235	-86.940763	56130.71	56256.4	-6.36	56124.35	56124.35156	56127.69050	56127.69141	504347.7	5408252.3
T9999.0	504347.7	5408252.3	7286.60010	251.49	0	48.827235	-86.940763	56130.96	56256.4	-6.36	56124.60	56124.60156	56127.74567	56127.74609	504347.7	5408252.3
T9999.0	504347.7	5408252.3	7286.70020	252.78	0	48.827235	-86.940763	56130.76	56256.4	-6.36	56124.40	56124.39844	56127.83091	56127.83203	504347.7	5408252.3
T9999.0	504347.7	5408252.2	7286.70020	252.78	0	48.827234	-86.940763	56130.72	56256.4	-6.36	56124.35	56124.35156	56127.90620	56127.90625	504347.7	5408252.2
T9999.0	504347.7	5408252.2	7286.89990	252.19	0	48.827234	-86.940764	56130.82	56256.4	-6.37	56124.45	56124.44922	56127.97158	56127.97266	504347.7	5408252.2
T9999.0	504347.7	5408252.2	7287.00000	248.81	0	48.827234	-86.940764	56130.89	56256.4	-6.37	56124.52	56124.51953	56128.03903	56128.03906	504347.7	5408252.2
T9999.0	504347.6	5408252.2	7287.10010	247.78	0	48.827234	-86.940764	56131.04	56256.4	-6.37	56124.67	56124.67188	56128.10125	56128.10156	504347.6	5408252.2
T9999.0	504347.6	5408252.2	7287.20020	246.63	0	48.827234	-86.940764	56130.96	56256.4	-6.37	56124.59	56124.58984	56128.17890	56128.17969	504347.6	5408252.2
T9999.0	504347.6	5408252.2	7287.29981	245.71	0	48.827234	-86.940764	56131.20	56256.4	-6.37	56124.83	56124.82813	56128.23532	56128.23438	504347.6	5408252.2
T9999.0	504347.6	5408252.2	7287.39990	244.85	0	48.827234	-86.940765	56131.02	56256.4	-6.37	56124.66	56124.66016	56128.31920	56128.32031	504347.6	5408252.2
T9999.0	504347.5	5408252.1	7287.50000	244.28	0	48.827234	-86.940765	56131.02	56256.4	-6.37	56124.65	56124.64844	56128.39254	56128.39063	504347.5	5408252.1
T9999.0	504347.5	5408252.1	7287.60010	246.81	0	48.827234	-86.940765	56131.14	56256.4	-6.36	56124.78	56124.78125	56128.45668	56128.45703	504347.5	5408252.1
T9999.0	504347.5	5408252.1	7287.70020	247.89	0	48.827233	-86.940766	56131.40	56256.4	-6.36	56125.04	56125.03906	56128.51230	56128.51172	504347.5	5408252.1
T9999.0	504347.5	5408252.1	7287.79981	247.71	0	48.827233	-86.940766	56131.63	56256.4	-6.36	56125.26	56125.26172	56128.57072	56128.57031	504347.5	5408252.1
T9999.0	504347.5	5408252.1	7287.89990	245.57	0	48.827233	-86.940766	56131.32	56256.4	-6.36	56124.96	56124.96094	56128.66397	56128.66406	504347.5	5408252.1
T9999.0	504347.5	5408252.1	7288.00000	246.76	0	48.827233	-86.940766	56131.55	56256.4	-6.36	56125.19	56125.19141	56128.72205	56128.72266	504347.5	5408252.1
T9999.0	504347.5	5408252.0	7288.10010	247.70	0	48.827233	-86.940766	56131.40	56256.4	-6.36	56125.04	56125.03906	56128.80563	56128.80469	504347.5	5408252.0
T9999.0	504347.5	5408252.0	7288.20020	247.18	0	48.827233	-86.940766	56131.90	56256.4	-6.36	56125.54	56125.53906	56128.84605	56128.84766	504347.5	5408252.0
T9999.0	504347.5	5408252.0	7288.29981	246.76	0	48.827233	-86.940766	56131.93	56256.4	-6.36	56125.57	56125.57031	56128.91797	56128.91797	504347.5	5408252.0
T9999.0	504347.5	5408252.0	7288.39990	246.75	0	48.827232	-86.940766	56131.83	56256.4	-6.36	56125.47	56125.46875	56128.99875	56129.00000	504347.5	5408252.0
T9999.0	504347.5	5408252.0	7288.50000	245.27	0	48.827232	-86.940766	56131.92	56256.4	-6.36	56125.56	56125.55859	56129.06704	56129.06641	504347.5	5408252.0
T9999.0	504347.5	5408252.0	7288.60010	246.02	0	48.827232	-86.940766	56131.37	56256.4	-6.36	56125.01	56125.01172	56129.17819	56129.17969	504347.5	5408252.0
T9999.0	504347.5	5408252.0	7288.70020	246.79	0	48.827232	-86.940766	56131.95	56256.4	-6.36	56125.59	56125.58984	56129.21420	56129.21484	504347.5	5408252.0
T9999.0	504347.5	5408252.0	7288.70020	246.79	0	48.827232	-86.940766	56131.65	56256.4	-6.36	56125.29	56125.28906	56129.30907	56129.30859	504347.5	5408252.0
T9999.0	504347.5	5408252.0	7288.89990	246.42	0	48.827232	-86.940766	56132.54	56256.4	-6.36	56126.18	56126.17969	56129.32481	56129.32422	504347.5	5408252.0
T9999.0	504347.5	5408252.0	7289.00000	247.08	0	48.827232	-86.940766	56132.46	56256.4	-6.36	56126.10	56126.10156	56129.40541	56129.40625	504347.5	5408252.0
T9999.0	504347.5	5408252.0	7289.10010	247.86	0	48.827232	-86.940765	56132.58	56256.4	-6.36	56126.22	56126.21875	56129.47288	56129.47266	504347.5	5408252.0
T9999.0	504347.6	5408252.0	7289.20020	249.88	0	48.827232	-86.940765	56132.56	56256.4	-6.36	56126.20	56126.19922	56129.54989	56129.55078	504347.6	5408252.0
T9999.0	504347.6	5408252.0	7289.29981	245.54	0	48.827233	-86.940765	56132.25	56256.4	-6.36	56125.89	56125.89063	56129.64643	56129.64453	504347.6	5408252.0
T9999.0	504347.6	5408252.0	7289.39990	246.61	0	48.827233	-86.940765	56132.62	56256.4	-6.36	56126.25	56126.25000	56129.69850	56129.69922	504347.6	5408252.0
T9999.0	504347.6	5408252.1	7289.50000	245.20	0	48.827233	-86.940764	56131.88	56256.4	-6.37	56125.51	56125.51172	56129.82412	56129.82422	504347.6	5408252.1
T9999.0	504347.6	5408252.1	7289.60010	245.66	0	48.827233	-86.940764	56132.73	56256.4	-6.37	56126.37	56126.37109	56129.84327	56129.84375	504347.6	5408252.1
T9999.0	504347.6	5408252.1	7289.70020	247.85	0	48.827233	-86.940764	56132.39	56256.4	-6.37	56126.02	56126.01953	56129.94328	56129.94141	504347.6	5408252.1
T9999.0	504347.7	5408252.1	7289.79981	251.06	0	48.827233	-86.940763	56132.89	56256.4	-6.37	56126.53	56126.53125	56129.98616	56129.98438	504347.7	5408252.1
T9999.0	504347.7	5408252.1	7289.89990	249.37	0	48.827233	-86.940763	56132.48	56256.4	-6.37	56126.11	56126.10938	56130.09124	56130.08984	504347.7	5408252.1
T9999.0	504347.7	5408252.1	7290.00000	249.73	0	48.827233	-86.940763	56132.36	56256.4	-6.37	56125.99	56125.98828	56130.17651	56130.17578	504347.7	5408252.1
T9999.0	504347.7	5408252.1	7290.10010	249.77	0	48.827233	-86.940763	56132.87	56256.4	-6.37	56126.50	56126.50000	56130.21997	56130.21875	504347.7	5408252.1
T9999.0	504347.7	5408252.1	7290.20020	246.30	0	48.827233	-86.940763	56132.66	56256.4	-6.37	56126.29	56126.28906	56130.31162	56130.31250	504347.7	5408252.1
T9999.0	504347.7	5408252.1	7290.29981	244.76	0	48.827233	-86.940763	56133.19	56256.4	-6.37	56126.82	56126.82031	56130.35411	56130.35547	504347.7	5408252.1
T9999.0	504347.7	5408252.1	7290.39990	244.42	0	48.827233	-86.940763	56132.64	56256.4	-6.37	56126.27	56126.26953	56130.46879	56130.46875	504347.7	5408252.1
T9999.0	504347.7	5408252.1	7290.50000	244.62	0	48.827233	-86.940763	56133.16	56256.4	-6.37	56126.79	56126.78906	56130.51230	56130.51172	504347.7	5408252.1
T9999.0	504347.7	5408252.1	7290.60010	241.75	0	48.827233	-86.940763	56133.18	56256.4	-6.37	56126.81	56126.80859	56130.58932	56130.58984	504347.7	5408252.1
T9999.0	504347.7	5408252.1	7290.70020	241.32	0	48.827233	-86.940764	56133.80	56256.4	-6.37	56127.43	56127.42969	56130.62649	56130.62500	504347.7	5408252.1
T9999.0	504347.7	5408252.1	7290.70020	241.32	0	48.827233	-86.940764	56134.43	56256.4	-6.37	56128.06	56128.05859	56130.66315	56130.66406	504347.7	5408252.1
T9999.0	504347.6	5408252.0	7290.89990	241.46	0	48.827233	-86.940764	56134.36	56256.4	-6.37	56127.99	56127.98828	56130.74663	56130.74609	504347.6	5408252.0
T9999.0	504347.6	5408252.0	7291.00000	239.02	0	48.827232	-86.940765	56134.82	56256.4	-6.37	56128.45	56128.44922	56130.79492	56130.79297	504347.6	5408252.0
T9999.0	504347.6	5408252.0	7291.10010	237.61	0	48.827232	-86.940765	56134.66	56256.4	-6.37	56128.29	56128.28906	56130.88467	56130.88281	504347.6	5408252.0
T9999.0	504347.6	5408252.0	7291.20020	238.12	0	48.827232	-86.940765	56135.16	56256.4	-6.37	56128.79	56128.78906	56130.93054	56130.92969	504347.6	5408252.0
T9999.0	504347.6	5408252.0	7291.29981	237.58	0	48.827232	-86.940765	56134.96	56256.4	-6.37	56128.59	56128.58984	56131.02320	56131.02344	504347.6	5408252.0
T9999.0	504347.6	5408252.0	7291.39990	235.15	0	48.827232	-86.940765	56135.07	56256.4	-6.37	56128.70	56128.69922	56131.09530	56131.09375	504347.6	5408252.0
T9999.0	504347.6	5408252.0	7291.50000	232.36	0	48.827232	-86.940765	56134.69	56256.4	-6.37	56128.32	56128.32031	56131.20017	56131.19922	504347.6	5408252.0
T9999.0	504347.6	5408252.0	7291.60010	231.55	0	48.827232	-86.940765	56134.86	56256.4	-6.36	56128.50	56128.50000	56131.26779	56131.26953	504347.6	5408252.0
T9999.0	504347.6	5408252.0	7291.70020	232.18	0	48.827232	-86.940765	56134.88	56256.4	-6.36	56128.52	56128.51953	56131.34616	56131.34766	504347.6	5408252.0
T9999.0	504347.6	5408252.0	7291.79981	232.08	0	48.827232	-86.940764	56134.86	56256.4	-6.36	56128.50	56128.50000	56131.42726	56131.42578	504347.6	5408252.0
T9999.0	504347.7	5408252.0	7291.89990	234.79	0	48.827233	-86.940764	56135.75	56256.4	-6.36	56129.39	56129.39063	56131.44775	56131.44922	504347.7	5408252.0
T9999.0	504347.7	5408252.0	7292.00000	236.28	0	48.827233	-86.940764	56136.00	56256.4	-6.36	56129.64	56129.64063	56131.51096	56131.51172	504347.7	5408252.0
T9999.0	504347.7	5408252.0	7292.10010	234.12	0	48.827233	-86.940763	56136.76	56256.4	-6.36	56130.40	56130.39844	56131.54021	56131.53906	504347.7	5408252.0
T9999.0	504347.7	5408252.1	7292.20020	236.51	0	48.827233	-86.940763	56136.56	56256.4	-6.36	56130.21	56130.21094	56131.63281	56131.63281	504347.7	5408252.1
T9999.0	504347.7	5408252.1	7292.29981	231.86	0	48.827233	-86.940763	56136.25	56256.4	-6.36	56129.89	56129.89063	56131.73409	56131.73438	504347.7	5408252.1
T9999.0	504347.7	5408252.1	7292.39990	230.85	0	48.827233	-86.940763	56136.20	56256.4	-6.36	56129.84	56129.83984	56131.81737	56131.81641	504347.7	5408252.1
T9999.0	504347.7	5408252.2	7292.50000	233.26	0	48.827234	-86.940762	56136.18	56256.4	-6.35	56129.83	56129.82813	56131.89797	56131.89844	504347.7	5408252.2
T9999.0	504347.8	5408252.2	7292.60010	233.81	0	48.827234	-86.940762	56136.53	56256.4	-6.35	56130.17	56130.17188	56131.95522	56131.95703	504347.8	5408252.2
T9999.0	504347.8	5408252.2	7292.70020	233.79	0	48.827234	-86.940762	56136.76	56256.4	-6.35	56130.40	56130.39844	56132.01976	56132.01953	504347.8	5408252.2
T9999.0	504347.8	5408252.2	7292.70020	233.79	0	48.827234	-86.940762	56136.68	56256.4	-6.35	56130.33	56130.32813	56132.10426	56132.10547	504347.8	5408252.2
T9999.0	504347.7	5408252.3	7292.89990	232.39	0	48.827235	-86.940762	56136.56	56256.4	-6.35	56130.20	56130.19922	56132.19268	56132.19141	504347.7	5408252.3
T9999.0	504347.7	5408252.3	7293.00000	230.62	0	48.827235	-86.940763	56137.21	56256.3	-6.35	56130.86	56130.85938	56132.22837	56132.22656	504347.7	5408252.3
T9999.0	504347.7	5408252.3	7293.10010	231.28	0	48.827235	-86.940763	56137.34	56256.4	-6.35	56130.99	56130.98828	56132.29930	56132.30078	504347.7	5408252.3
T9999.0	504347.7	5408252.3	7293.20020	233.65	0	48.827235	-86.940763	56137.82	56256.4	-6.35	56131.47	56131.46875	56132.34679	56132.34766	504347.7	5408252.3
T9999.0	504347.7	5408252.3	7293.29981	232.55	0	48.827235	-86.940763	56138.18	56256.4	-6.35	56131.83	56131.82813	56132.40216	56132.40234	504347.7	5408252.3
T9999.0	504347.7	5408252.3	7293.39990	235.15	0	48.827235	-86.940763	56138.12	56256.4	-6.35	56131.77	56131.76953	56132.48539	56132.48438	504347.7	5408252.3
T9999.0	504347.7	5408252.3	7293.50000	233.95	0	48.827235	-86.940763	56138.43	56256.4	-6.35	56132.08	56132.07813	56132.54382	56132.54297	504347.7	5408252.3
T9999.0	504347.7	5408252.3	7293.60010	230.65	0	48.827235	-86.940763	56138.11	56256.4	-6.36	56131.75	56131.75000	56132.64474	56132.64453	504347.7	5408252.3
T9999.0	504347.7	5408252.3	7293.70020	229.84	0	48.827235	-86.940763	56138.57	56256.4	-6.36	56132.22	56132.21875	56132.69216	56132.69141	504347.7	5408252.3
T9999.0	504347.7	5408252.3	7293.79981	231.16	0	48.827235	-86.940763	56138.46	56256.4	-6.36	56132.10	56132.10156	56132.77872	56132.77734	504347.7	5408252.3
T9999.0	504347.7	5408252.3	7293.89990	230.38	0	48.827235	-86.940763	56138.78	56256.4	-6.36	56132.42	56132.42188	56132.83573	56132.83594	504347.7	5408252.3
T9999.0	504347.7	5408252.3	7294.00000	229.80	0	48.827235	-86.940763	56138.28	56256.4	-6.36	56131.92	56131.92188	56132.94719	56132.94531	504347.7	5408252.3
T9999.0	504347.7	5408252.3	7294.10010	230.85	0	48.827235	-86.940763	56138.57	56256.4	-6.36	56132.22	56132.21875	56133.00508	56133.00391	504347.7	5408252.3
T9999.0	504347.7	5408252.3	7294.20020	230.95	0	48.827235	-86.940764	56138.84	56256.4	-6.35	56132.49	56132.48828	56133.06471	56133.06641	504347.7	5408252.3
T9999.0	504347.7	5408252.3	7294.29981	230.65	0	48.827235	-86.940764	56139.26	56256.4	-6.35	56132.91	56132.91016	56133.11408	56133.11328	504347.7	5408252.3
T9999.0	504347.7	5408252.2	7294.39990	229.42	0	48.827234	-86.940764	56139.77	56256.3	-6.35	56133.42	56133.42188	56133.15715	56133.15625	504347.7	5408252.2
T9999.0	504347.7	5408252.2	7294.50000	229.21	0	48.827234	-86.940764	56139.44	56256.3	-6.35	56133.09	56133.08984	56133.25593	56133.25781	504347.7	5408252.2
T9999.0	504347.7	5408252.2	7294.60010	228.35	0	48.827234	-86.940764	56139.87	56256.3	-6.34	56133.53	56133.53125	56133.30306	56133.30469	504347.7	5408252.2
T9999.0	504347.7	5408252.2	7294.70020	227.44	0	48.827234	-86.940764	56139.68	56256.3	-6.34	56133.34	56133.33984	56133.39186	56133.39063	504347.7	5408252.2

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
T9999.0	504347.7	5408252.2	7294.70020	227.44	0	48.827234	-86.940764	56140.07	56256.3	-6.34	56133.74	56133.73828	56133.44097	56133.44141	504347.7	5408252.2
T9999.0	504347.7	5408252.2	7294.89990	225.37	0	48.827234	-86.940763	56140.02	56256.3	-6.33	56133.69	56133.69141	56133.51972	56133.51953	504347.7	5408252.2
T9999.0	504347.7	5408252.2	7295.00000	224.66	0	48.827234	-86.940763	56140.34	56256.3	-6.33	56134.01	56134.01172	56133.57343	56133.57422	504347.7	5408252.2
T9999.0	504347.7	5408252.2	7295.10010	225.12	0	48.827234	-86.940763	56140.71	56256.3	-6.33	56134.38	56134.37891	56133.62340	56133.62500	504347.7	5408252.2
T9999.0	504347.7	5408252.2	7295.20020	225.55	0	48.827234	-86.940763	56140.76	56256.3	-6.33	56134.42	56134.42188	56133.69497	56133.69531	504347.7	5408252.2
T9999.0	504347.7	5408252.2	7295.29981	224.34	0	48.827234	-86.940763	56141.20	56256.3	-6.34	56134.87	56134.87109	56133.73878	56133.73828	504347.7	5408252.2
T9999.0	504347.7	5408252.2	7295.39990	222.91	0	48.827234	-86.940763	56140.73	56256.3	-6.34	56134.40	56134.39844	56133.84348	56133.84375	504347.7	5408252.2
T9999.0	504347.7	5408252.2	7295.50000	220.75	0	48.827234	-86.940763	56141.29	56256.3	-6.34	56134.95	56134.94922	56133.87973	56133.87891	504347.7	5408252.2
T9999.0	504347.7	5408252.2	7295.60010	221.84	0	48.827234	-86.940763	56141.03	56256.3	-6.34	56134.69	56134.69141	56133.96950	56133.96875	504347.7	5408252.2
T9999.0	504347.7	5408252.2	7295.70020	221.97	0	48.827234	-86.940763	56141.21	56256.3	-6.34	56134.87	56134.87109	56134.02946	56134.03125	504347.7	5408252.2
T9999.0	504347.7	5408252.2	7295.79981	222.19	0	48.827234	-86.940763	56141.06	56256.3	-6.35	56134.72	56134.71875	56134.11093	56134.10938	504347.7	5408252.2
T9999.0	504347.7	5408252.2	7295.89990	221.32	0	48.827234	-86.940763	56141.43	56256.3	-6.35	56135.09	56135.08984	56134.15721	56134.15625	504347.7	5408252.2
T9999.0	504347.7	5408252.2	7296.00000	221.11	0	48.827234	-86.940763	56141.93	56256.3	-6.35	56135.58	56135.57813	56134.19497	56134.19531	504347.7	5408252.2
T9999.0	504347.7	5408252.1	7296.10010	221.77	0	48.827234	-86.940763	56141.76	56256.3	-6.35	56135.41	56135.41016	56134.27619	56134.27734	504347.7	5408252.1
T9999.0	504347.7	5408252.1	7296.50000	220.13	0	48.827233	-86.940763	56142.14	56256.3	-6.35	56135.79	56135.78906	56134.32020	56134.32031	504347.7	5408252.1
T9999.0	504347.9	5408252.2	7297.39990	220.33	0	48.827234	-86.940761	56144.29	56256.3	-6.34	56137.95	56137.94922	56134.24498	56134.24609	504347.9	5408252.2
T9999.0	504347.9	5408252.2	7297.50000	220.94	0	48.827234	-86.940761	56144.63	56256.3	-6.34	56138.28	56138.28125	56134.29119	56134.29297	504347.9	5408252.2
T10400.0	504054.4	5410393.5	41805.60156	292.46	0	48.846499	-86.944738	56196.59	56244.6	5.39	56201.98	56201.98047	56200.45816	56200.45703	504054.4	5410393.5
T10400.0	504054.2	5410393.6	41805.69922	295.76	0	48.846500	-86.944740	56196.96	56244.6	5.39	56202.35	56202.35156	56200.39507	56200.39453	504054.2	5410393.6
T10400.0	504054.2	5410393.6	41805.80078	295.28	0	48.846500	-86.944740	56197.01	56244.6	5.39	56202.40	56202.39844	56200.22557	56200.22656	504054.2	5410393.6
T10400.0	504054.1	5410393.7	41805.89844	297.00	0	48.846500	-86.944742	56196.81	56244.6	5.38	56202.19	56202.19141	56200.03837	56200.03906	504054.1	5410393.7
T10400.0	504053.8	5410393.8	41806.00000	288.18	0	48.846501	-86.944746	56196.93	56244.6	5.38	56202.31	56202.30859	56199.88297	56199.88281	504053.8	5410393.8
T10400.0	504053.6	5410393.8	41806.10156	287.51	0	48.846502	-86.944749	56196.58	56244.6	5.38	56201.96	56201.96094	56199.76446	56199.76563	504053.6	5410393.8
T10400.0	504053.6	5410393.8	41806.19922	293.12	0	48.846502	-86.944749	56196.86	56244.6	5.39	56202.25	56202.25000	56199.57724	56199.57813	504053.6	5410393.8
T10400.0	504053.4	5410393.9	41806.30078	293.48	0	48.846502	-86.944752	56196.41	56244.6	5.39	56201.81	56201.80859	56199.55049	56199.55078	504053.4	5410393.9
T10400.0	504053.1	5410393.9	41806.39844	290.55	0	48.846503	-86.944756	56196.22	56244.6	5.40	56201.62	56201.62109	56199.75660	56199.75781	504053.1	5410393.9
T10400.0	504052.8	5410394.0	41806.39844	290.55	0	48.846503	-86.944760	56196.15	56244.6	5.40	56201.54	56201.53906	56199.65348	56199.65234	504052.8	5410394.0
T10400.0	504052.8	5410394.0	41806.50000	256.60	0	48.846503	-86.944760	56196.11	56244.6	5.40	56201.51	56201.51172	56199.57914	56199.57813	504052.8	5410394.0
T10400.0	504052.4	5410394.0	41806.69922	284.18	0	48.846503	-86.944765	56196.61	56244.6	5.41	56202.01	56202.01172	56199.67704	56199.67578	504052.4	5410394.0
T10400.0	504052.2	5410394.0	41806.80078	283.01	0	48.846503	-86.944768	56196.20	56244.6	5.41	56201.61	56201.60938	56199.49951	56199.50000	504052.2	5410394.0
T10400.0	504052.2	5410394.0	41806.89844	283.64	0	48.846503	-86.944768	56196.56	56244.6	5.42	56201.97	56201.96875	56199.54064	56199.53906	504052.2	5410394.0
T10400.0	504051.8	5410394.0	41807.00000	283.51	0	48.846503	-86.944773	56196.36	56244.6	5.42	56201.78	56201.78125	56199.44845	56199.44922	504051.8	5410394.0
T10400.0	504051.5	5410394.0	41807.10156	282.98	0	48.846503	-86.944778	56196.56	56244.6	5.42	56201.97	56201.96875	56199.44482	56199.44531	504051.5	5410394.0
T10400.0	504051.2	5410394.0	41807.19922	282.94	0	48.846503	-86.944782	56196.25	56244.6	5.42	56201.66	56201.66016	56199.35538	56199.35547	504051.2	5410394.0
T10400.0	504051.2	5410394.0	41807.30078	281.45	0	48.846503	-86.944782	56195.81	56244.6	5.41	56201.22	56201.21875	56199.26999	56199.26953	504051.2	5410394.0
T10400.0	504050.8	5410393.9	41807.39844	261.22	0	48.846503	-86.944787	56195.62	56244.6	5.41	56201.03	56201.03125	56199.23844	56199.23828	504050.8	5410393.9
T10400.0	504050.2	5410393.9	41807.50000	260.45	0	48.846503	-86.944795	56195.35	56244.6	5.41	56200.76	56200.76172	56199.21401	56199.21484	504050.2	5410393.9
T10400.0	504049.8	5410393.8	41807.60156	283.44	0	48.846502	-86.944801	56194.86	56244.6	5.41	56200.27	56200.26953	56199.19686	56199.19531	504049.8	5410393.8
T10400.0	504049.8	5410393.8	41807.69922	283.46	0	48.846502	-86.944801	56194.13	56244.6	5.41	56199.54	56199.53906	56199.20333	56199.20313	504049.8	5410393.8
T10400.0	504049.2	5410393.8	41807.80078	282.65	0	48.846501	-86.944809	56193.90	56244.6	5.40	56199.30	56199.30078	56199.25195	56199.25000	504049.2	5410393.8
T10400.0	504049.2	5410393.8	41807.89844	264.78	0	48.846501	-86.944809	56193.52	56244.6	5.40	56198.92	56198.92188	56199.31829	56199.31641	504049.2	5410393.8
T10400.0	504048.7	5410393.7	41808.00000	262.95	0	48.846501	-86.944815	56193.48	56244.6	5.40	56198.88	56198.87891	56199.39094	56199.39063	504048.7	5410393.7
T10400.0	504048.2	5410393.7	41808.10156	261.94	0	48.846501	-86.944823	56193.29	56244.6	5.40	56198.68	56198.67969	56199.47701	56199.47656	504048.2	5410393.7
T10400.0	504047.7	5410393.6	41808.19922	287.23	0	48.846500	-86.944830	56192.94	56244.6	5.40	56198.34	56198.33984	56199.58194	56199.58203	504047.7	5410393.6
T10400.0	504046.8	5410393.6	41808.30078	286.62	0	48.846500	-86.944841	56193.19	56244.6	5.39	56198.58	56198.57813	56199.64891	56199.64844	504046.8	5410393.6
T10400.0	504046.8	5410393.6	41808.39844	290.43	0	48.846500	-86.944841	56193.52	56244.6	5.39	56198.91	56198.91016	56199.70302	56199.70313	504046.8	5410393.6
T10400.0	504046.3	5410393.6	41808.39844	290.43	0	48.846500	-86.944849	56193.73	56244.6	5.39	56199.13	56199.12891	56199.76396	56199.76563	504046.3	5410393.6
T10400.0	504045.9	5410393.5	41808.60156	289.93	0	48.846499	-86.944854	56194.18	56244.6	5.39	56199.57	56199.57031	56199.80005	56199.80078	504045.9	5410393.5
T10400.0	504045.3	5410393.5	41808.69922	263.72	0	48.846499	-86.944863	56194.74	56244.6	5.39	56200.12	56200.12109	56199.82283	56199.82422	504045.3	5410393.5
T10400.0	504045.3	5410393.5	41808.80078	262.00	0	48.846499	-86.944863	56195.06	56244.6	5.38	56200.44	56200.44141	56199.87272	56199.87109	504045.3	5410393.5
T10400.0	504044.5	5410393.5	41808.89844	286.11	0	48.846499	-86.944873	56195.35	56244.6	5.38	56200.73	56200.73047	56199.93002	56199.92969	504044.5	5410393.5
T10400.0	504044.5	5410393.5	41809.00000	287.73	0	48.846499	-86.944873	56195.62	56244.6	5.38	56201.00	56201.00000	56199.99484	56199.99609	504044.5	5410393.5
T10400.0	504043.3	5410393.5	41809.10156	261.82	0	48.846499	-86.944890	56195.68	56244.6	5.38	56201.06	56201.05859	56200.08623	56200.08594	504043.3	5410393.5
T10400.0	504043.3	5410393.5	41809.19922	261.50	0	48.846499	-86.944890	56195.68	56244.6	5.38	56201.06	56201.05859	56200.18651	56200.18750	504043.3	5410393.5
T10400.0	504042.6	5410393.5	41809.30078	261.50	0	48.846499	-86.944899	56195.92	56244.6	5.38	56201.30	56201.30078	56200.27226	56200.27344	504042.6	5410393.5
T10400.0	504041.7	5410393.6	41809.39844	288.66	0	48.846500	-86.944911	56196.20	56244.6	5.38	56201.58	56201.57813	56200.36534	56200.36719	504041.7	5410393.6
T10400.0	504041.7	5410393.6	41809.50000	261.89	0	48.846500	-86.944911	56196.49	56244.6	5.38	56201.87	56201.87109	56200.47045	56200.46875	504041.7	5410393.6
T10400.0	504040.9	5410393.6	41809.60156	289.30	0	48.846500	-86.944923	56196.91	56244.6	5.38	56202.29	56202.28906	56200.59020	56200.58984	504040.9	5410393.6
T10400.0	504040.9	5410393.6	41809.69922	289.30	0	48.846500	-86.944923	56196.84	56244.6	5.38	56202.22	56202.21875	56200.72374	56200.72266	504040.9	5410393.6
T10400.0	504040.0	5410393.6	41809.80078	263.12	0	48.846500	-86.944934	56197.37	56244.6	5.38	56202.75	56202.75000	56200.88576	56200.88672	504040.0	5410393.6
T10400.0	504039.3	5410393.7	41809.80078	263.15	0	48.846500	-86.944944	56197.44	56244.6	5.38	56202.82	56202.82031	56201.04176	56201.04297	504039.3	5410393.7
T10400.0	504039.3	5410393.7	41810.00000	288.44	0	48.846500	-86.944944	56197.29	56244.6	5.38	56202.67	56202.67188	56201.17281	56201.17188	504039.3	5410393.7
T10400.0	504038.7	5410393.7	41810.10156	288.33	0	48.846501	-86.944952	56197.42	56244.6	5.38	56202.80	56202.80078	56201.33250	56201.33203	504038.7	5410393.7
T10400.0	504037.9	5410393.7	41810.19922	288.33	0	48.846501	-86.944963	56197.68	56244.6	5.38	56203.06	56203.05859	56201.51896	56201.51953	504037.9	5410393.7
T10400.0	504036.8	5410393.8	41810.19922	285.53	0	48.846502	-86.944978	56198.34	56244.6	5.38	56203.71	56203.71094	56201.79976	56201.80078	504036.8	5410393.8
T10400.0	504036.8	5410393.8	41810.39844	284.47	0	48.846502	-86.944978	56197.67	56244.6	5.38	56203.05	56203.05078	56201.76606	56201.76563	504036.8	5410393.8
T10400.0	504035.9	5410393.8	41810.39844	284.47	0	48.846502	-86.944991	56198.09	56244.6	5.38	56203.47	56203.46875	56201.98055	56201.98047	504035.9	5410393.8
T10400.0	504035.0	5410393.9	41810.60156	262.73	0	48.846502	-86.945002	56198.06	56244.6	5.37	56203.43	56203.42969	56202.05575	56202.05469	504035.0	5410393.9
T10400.0	504035.0	5410393.9	41810.69922	262.78	0	48.846502	-86.945002	56198.36	56244.6	5.37	56203.73	56203.73047	56202.20835	56202.20703	504035.0	5410393.9
T10400.0	504034.0	5410393.9	41810.80078	288.61	0	48.846503	-86.945016	56198.23	56244.6	5.37	56203.60	56203.60156	56202.21829	56202.21875	504034.0	5410393.9
T10400.0	504033.3	5410393.9	41810.89844	288.40	0	48.846503	-86.945025	56198.90	56244.6	5.37	56204.27	56204.26953	56202.42146	56202.42188	504033.3	5410393.9
T10400.0	504033.3	5410393.9	41811.00000	291.33	0	48.846503	-86.945025	56198.95	56244.6	5.37	56204.32	56204.32031	56202.43193	56202.43359	504033.3	5410393.9
T10400.0	504032.4	5410393.9	41811.10156	291.28	0	48.846503	-86.945038	56198.94	56244.6	5.37	56204.31	56204.30859	56202.41186	56202.41016	504032.4	5410393.9
T10400.0	504031.7	5410393.9	41811.19922	290.59	0	48.846503	-86.945048	56199.21	56244.6	5.37	56204.58	56204.57813	56202.42173	56202.42188	504031.7	5410393.9
T10400.0	504031.7	5410393.9	41811.30078	291.22	0	48.846503	-86.945048	56198.74	56244.6	5.37	56204.11	56204.10938	56202.32628	56202.32813	504031.7	5410393.9
T10400.0	504030.7	5410393.9	41811.39844	288.54	0	48.846503	-86.945061	56199.48	56244.6	5.37	56204.85	56204.85156	56202.32199	56202.32031	504030.7	5410393.9
T10400.0	504029.7	5410393.9	41811.50000	287.32	0	48.846503	-86.945075	56198.57	56244.6	5.37	56203.94	56203.94141	56202.27164	56202.27344	504029.7	5410393.9
T10400.0	504028.8	5410393.9	41811.60156	284.98	0	48.846503	-86.945088	56199.21	56244.6	5.37	56204.58	56204.57813	56202.19354	56202.19531	504028.8	5410393.9
T10400.0	504028.8	5410393.9	41811.69922	286.27	0	48.846503	-86.945088	56199.45	56244.6	5.37	56204.82	56204.82031	56202.21725	56202.21875	504028.8	5410393.9
T10400.0	504026.9	5410393.9	41811.80078	258.83	0	48.846503	-86.945114	56199.79	56244.6	5.37	56205.16	56205.16016	56202.17897	56202.17969	504026.9	5410393.9
T10400.0	504026.9	5410393.9	41811.89844	260.26	0	48.846503	-86.945114	56200.10	56244.6	5.37	56205.47	56205.46875	56202.10525	56202.10547	504026.9	5410393.9
T10400.0	504025.6	5410394.0	41812.00000	260.24	0	48.846503	-86.945131	56199.92	56244.6	5.37	56205.29	56205.28906	56201.95156	56201.95313	504025.6	5410394.0
T10400.0	504025.6	5410394.0	41812.10156	260.53	0	48.846503	-86.945131	56200.05	56244.6	5.37	56205.42	56205.42188	56201.84111	56201.83984	504025.6	5410394.0
T10400.0	504024.7	5410393.9	41812.19922	261.32	0	48.846503	-86.945143	56199.77	56244.6	5.37	56205.13	56205.12891	56201.72298	56201.72266	504024.7	5410393.9
T10400.0	504023.4	5410394.0	41812.30078	259.85	0	48.846503	-86.945160	56199.87	56244.6	5.37	56205.23	56205.23047	56201.62990	56201.62891	504023.4	5410394.0
T10400.0	504022.6	5410394.0	41812.39844	260.53	0	48.846503	-86.945171	56200.00	56244.6	5.37	56205.36	56205.35938	56201.53855	56201.53906	504022.6	5410394.0
T10400.0	504022.6	5410394.0	41812.39844	260.53	0	48.846503	-86.945171	56200.45	56244.6	5.37	56205.82	56205.82031	56201.69355	56201.69531	504022.6	5410394.0
T10400.0	504021.3	5410394.0	41812.60156	263.00	0	48.846503	-86.945190	56200.84	56244.6	5.36	56206.20	56206.19922	56201.65995	56201.66016	504021.3	5410394.0
T10400.0	504020.3	5410394.0	41812.69922	263.60	0	48.846503	-86.945203	56200.82	56244.6	5.36	56206.18	56206.17969	56201.57355	56201.57422	504020.3	5410394.0
T10400.0	504020.3	5410394.0	41812.80078	264.16	0	48.846503	-86.945203	56201.06	56244.6	5.36	56206.43	56206.42969	56201.53241	56201.53125	504020.3	5410394.0
T10400.0	504019.1	5410394.0	41812.89844	264.40	0	48.846504	-86.945219	56200.81	56244.6	5.36	56206.17	56206.17188	56201.45635	56201.45703	504019.1	5410394.0
T10400.0	504018.0	5410394.0	41813.00000	264.17	0	48.846504	-86.945234	56201.16	56244.6	5.36	56206.52	56206.51953	56201.44472	56201.44531	504018.0	5410394.0
T10400.0	504017.0	5410394.0	41813.10156	262.68	0	48.846504	-86.945248	56201.29	56244.6	5.36	56206.65	56206.64844	56201.42680	56201.42578	504017.0	5410394.0

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
T10400.0	504017.0	5410394.0	41813.19922	261.34	0	48.846504	-86.945248	56201.66	56244.6	5.36	56207.02	56207.01953	56201.42897	56201.42969	504017.0	5410394.0
T10400.0	504015.6	5410394.0	41813.30078	259.91	0	48.846504	-86.945267	56201.39	56244.6	5.36	56206.76	56206.76172	56201.41651	56201.41797	504015.6	5410394.0
T10400.0	504014.6	5410394.0	41813.39844	259.74	0	48.846504	-86.945280	56201.89	56244.6	5.36	56207.25	56207.25000	56201.43273	56201.43359	504014.6	5410394.0
T10400.0	504014.6	5410394.0	41813.50000	262.54	0	48.846504	-86.945280	56201.85	56244.6	5.37	56207.22	56207.21875	56201.44002	56201.44141	504014.6	5410394.0
T10400.0	504013.6	5410394.0	41813.60156	263.41	0	48.846504	-86.945295	56201.99	56244.6	5.37	56207.35	56207.35156	56201.45193	56201.45313	504013.6	5410394.0
T10400.0	504012.4	5410394.1	41813.69922	263.22	0	48.846504	-86.945310	56202.12	56244.6	5.37	56207.49	56207.48828	56201.46360	56201.46484	504012.4	5410394.1
T10400.0	504010.9	5410394.1	41813.80078	263.07	0	48.846504	-86.945330	56202.11	56244.6	5.37	56207.47	56207.46875	56201.47461	56201.47266	504010.9	5410394.1
T10400.0	504010.9	5410394.1	41813.89844	262.61	0	48.846504	-86.945330	56202.14	56244.6	5.37	56207.51	56207.51172	56201.48737	56201.48828	504010.9	5410394.1
T10400.0	504009.5	5410394.1	41814.00000	261.99	0	48.846505	-86.945349	56201.84	56244.6	5.37	56207.21	56207.21094	56201.50905	56201.50781	504009.5	5410394.1
T10400.0	504009.5	5410394.1	41814.10156	259.28	0	48.846505	-86.945349	56201.93	56244.6	5.37	56207.29	56207.28906	56201.53288	56201.53125	504009.5	5410394.1
T10400.0	504008.1	5410394.1	41814.19922	255.66	0	48.846505	-86.945369	56202.22	56244.6	5.36	56207.58	56207.57813	56201.56263	56201.56250	504008.1	5410394.1
T10400.0	504007.0	5410394.1	41814.30078	257.93	0	48.846505	-86.945385	56202.75	56244.6	5.36	56208.11	56208.10938	56201.59952	56201.59766	504007.0	5410394.1
T10400.0	504005.8	5410394.2	41814.39844	256.49	0	48.846505	-86.945400	56202.81	56244.7	5.35	56208.15	56208.14844	56201.66033	56201.66016	504005.8	5410394.2
T10400.0	504005.8	5410394.2	41814.39844	256.49	0	48.846505	-86.945400	56203.01	56244.7	5.35	56208.36	56208.35938	56201.73389	56201.73438	504005.8	5410394.2
T10400.0	504004.3	5410394.2	41814.60156	254.64	0	48.846506	-86.945420	56203.16	56244.7	5.34	56208.50	56208.50000	56201.82599	56201.82422	504004.3	5410394.2
T10400.0	504004.3	5410394.2	41814.69922	255.14	0	48.846506	-86.945420	56203.01	56244.7	5.33	56208.34	56208.33984	56201.93480	56201.93359	504004.3	5410394.2
T10400.0	504003.3	5410394.2	41814.80078	256.46	0	48.846506	-86.945435	56203.04	56244.7	5.33	56208.37	56208.37109	56202.06114	56202.06250	504003.3	5410394.2
T10400.0	504001.8	5410394.3	41814.89844	256.33	0	48.846506	-86.945455	56203.41	56244.7	5.32	56208.74	56208.73828	56202.21909	56202.21875	504001.8	5410394.3
T10400.0	504000.4	5410394.3	41815.00000	258.75	0	48.846506	-86.945474	56203.39	56244.7	5.32	56208.71	56208.71094	56202.38392	56202.38281	504000.4	5410394.3
T10400.0	503998.9	5410394.3	41815.10156	260.47	0	48.846507	-86.945495	56203.30	56244.7	5.32	56208.62	56208.62109	56202.55859	56202.55859	503998.9	5410394.3
T10400.0	503998.9	5410394.3	41815.19922	260.58	0	48.846507	-86.945495	56203.77	56244.7	5.32	56209.09	56209.08984	56202.80431	56202.80469	503998.9	5410394.3
T10400.0	503997.9	5410394.3	41815.30078	258.92	0	48.846507	-86.945508	56203.18	56244.7	5.32	56208.50	56208.50000	56202.94413	56202.94531	503997.9	5410394.3
T10400.0	503996.8	5410394.3	41815.39844	258.04	0	48.846507	-86.945523	56203.06	56244.7	5.32	56208.38	56208.37891	56203.13900	56203.14063	503996.8	5410394.3
T10400.0	503996.8	5410394.3	41815.50000	258.50	0	48.846507	-86.945523	56203.16	56244.7	5.32	56208.48	56208.48047	56203.37844	56203.37891	503996.8	5410394.3
T10400.0	503995.7	5410394.4	41815.60156	257.36	0	48.846507	-86.945538	56203.59	56244.7	5.32	56208.91	56208.91016	56203.11189	56203.11328	503995.7	5410394.4
T10400.0	503995.7	5410394.4	41815.69922	285.04	0	48.846507	-86.945538	56203.68	56244.7	5.32	56209.00	56209.00000	56203.39217	56203.39063	503995.7	5410394.4
T10400.0	503994.2	5410394.4	41815.80078	283.90	0	48.846507	-86.945559	56203.87	56244.7	5.32	56209.19	56209.19141	56203.68687	56203.68750	503994.2	5410394.4
T10400.0	503993.1	5410394.4	41815.89844	285.86	0	48.846507	-86.945574	56204.02	56244.7	5.32	56209.34	56209.33984	56203.99471	56203.99609	503993.1	5410394.4
T10400.0	503992.0	5410394.4	41816.00000	286.56	0	48.846508	-86.945588	56204.06	56244.7	5.32	56209.38	56209.37891	56204.29754	56204.29688	503992.0	5410394.4
T10400.0	503991.0	5410394.4	41816.10156	283.51	0	48.846508	-86.945603	56204.58	56244.7	5.32	56209.90	56209.89844	56204.68837	56204.68750	503991.0	5410394.4
T10400.0	503991.0	5410394.4	41816.19922	282.81	0	48.846508	-86.945603	56204.16	56244.7	5.32	56209.48	56209.48047	56204.89573	56204.89453	503991.0	5410394.4
T10400.0	503989.7	5410394.5	41816.30078	281.84	0	48.846508	-86.945620	56204.33	56244.7	5.32	56209.65	56209.64844	56204.50786	56204.50781	503989.7	5410394.5
T10400.0	503988.2	5410394.5	41816.39844	282.13	0	48.846508	-86.945641	56204.34	56244.7	5.32	56209.66	56209.66016	56204.82346	56204.82422	503988.2	5410394.5
T10400.0	503986.8	5410394.5	41816.39844	282.13	0	48.846508	-86.945660	56204.13	56244.7	5.32	56209.45	56209.44922	56205.12243	56205.12109	503986.8	5410394.5
T10400.0	503985.8	5410394.5	41816.50000	281.45	0	48.846508	-86.945673	56204.44	56244.7	5.32	56209.76	56209.76172	56205.40901	56205.41016	503985.8	5410394.5
T10400.0	503985.8	5410394.5	41816.69922	283.60	0	48.846508	-86.945673	56204.18	56244.7	5.32	56209.50	56209.50000	56205.64352	56205.64453	503985.8	5410394.5
T10400.0	503984.2	5410394.5	41816.80078	283.87	0	48.846508	-86.945694	56204.07	56244.7	5.32	56209.39	56209.39063	56205.85656	56205.85547	503984.2	5410394.5
T10400.0	503983.2	5410394.5	41816.89844	284.89	0	48.846508	-86.945708	56203.78	56244.7	5.32	56209.10	56209.10156	56206.00016	56206.00000	503983.2	5410394.5
T10400.0	503983.2	5410394.5	41817.00000	284.21	0	48.846508	-86.945708	56203.82	56244.7	5.32	56209.14	56209.14063	56206.18886	56206.18750	503983.2	5410394.5
T10400.0	503981.4	5410394.5	41817.10156	286.34	0	48.846508	-86.945733	56203.59	56244.7	5.32	56208.91	56208.91016	56206.28259	56206.28125	503981.4	5410394.5
T10400.0	503980.6	5410394.5	41817.19922	285.97	0	48.846508	-86.945745	56203.86	56244.7	5.32	56209.17	56209.17188	56206.51969	56206.51953	503980.6	5410394.5
T10400.0	503979.4	5410394.5	41817.30078	289.95	0	48.846508	-86.945760	56203.57	56244.7	5.31	56208.88	56208.87891	56206.55164	56206.55078	503979.4	5410394.5
T10400.0	503978.2	5410394.5	41817.39844	291.02	0	48.846508	-86.945776	56203.82	56244.7	5.31	56209.13	56209.12891	56206.78194	56206.78125	503978.2	5410394.5
T10400.0	503978.2	5410394.5	41817.50000	289.02	0	48.846508	-86.945776	56203.41	56244.7	5.31	56208.72	56208.71875	56206.58640	56206.58594	503978.2	5410394.5
T10400.0	503976.3	5410394.5	41817.60156	291.94	0	48.846508	-86.945802	56203.26	56244.7	5.31	56208.57	56208.57031	56206.68683	56206.68750	503976.3	5410394.5
T10400.0	503976.3	5410394.5	41817.69922	291.32	0	48.846508	-86.945802	56203.04	56244.7	5.31	56208.34	56208.33984	56206.77219	56206.77344	503976.3	5410394.5
T10400.0	503975.3	5410394.4	41817.80078	290.75	0	48.846508	-86.945817	56203.45	56244.7	5.30	56208.75	56208.75000	56206.77937	56206.78125	503975.3	5410394.4
T10400.0	503973.7	5410394.4	41817.89844	291.70	0	48.846508	-86.945838	56203.29	56244.7	5.30	56208.59	56208.58984	56206.83762	56206.83594	503973.7	5410394.4
T10400.0	503972.9	5410394.4	41818.00000	291.72	0	48.846508	-86.945849	56202.86	56244.7	5.30	56208.16	56208.16016	56206.86581	56206.86719	503972.9	5410394.4
T10400.0	503971.5	5410394.4	41818.10156	292.45	0	48.846508	-86.945869	56203.08	56244.7	5.30	56208.38	56208.37891	56206.89897	56206.89844	503971.5	5410394.4
T10400.0	503971.5	5410394.4	41818.19922	293.06	0	48.846508	-86.945869	56203.26	56244.7	5.30	56208.56	56208.55859	56206.94106	56206.94141	503971.5	5410394.4
T10400.0	503971.5	5410394.4	41818.30078	292.38	0	48.846508	-86.945869	56203.54	56244.7	5.30	56208.84	56208.83984	56207.00523	56207.00391	503971.5	5410394.4
T10400.0	503969.8	5410394.4	41818.39844	291.28	0	48.846508	-86.945891	56203.21	56244.7	5.30	56208.51	56208.51172	56206.96943	56206.96875	503969.8	5410394.4
T10400.0	503968.4	5410394.4	41818.39844	291.28	0	48.846507	-86.945910	56202.98	56244.7	5.30	56208.28	56208.28125	56206.92854	56206.92969	503968.4	5410394.4
T10400.0	503968.4	5410394.4	41818.60156	288.85	0	48.846507	-86.945910	56203.11	56244.7	5.30	56208.41	56208.41016	56206.95398	56206.95313	503968.4	5410394.4
T10400.0	503967.0	5410394.4	41818.69922	285.41	0	48.846507	-86.945930	56202.78	56244.7	5.30	56208.08	56208.07813	56206.86139	56206.86328	503967.0	5410394.4
T10400.0	503965.5	5410394.3	41818.80078	286.48	0	48.846507	-86.945950	56202.65	56244.7	5.30	56207.95	56207.94922	56206.80374	56206.80469	503965.5	5410394.3
T10400.0	503964.1	5410394.3	41818.89844	289.76	0	48.846507	-86.945969	56202.63	56244.7	5.30	56207.93	56207.92969	56206.76546	56206.76563	503964.1	5410394.3
T10400.0	503963.1	5410394.3	41819.00000	289.81	0	48.846507	-86.945983	56202.98	56244.7	5.30	56208.28	56208.28125	56206.82227	56206.82422	503963.1	5410394.3
T10400.0	503963.1	5410394.3	41819.10156	291.27	0	48.846507	-86.945983	56202.47	56244.7	5.30	56207.77	56207.76953	56206.62652	56206.62500	503963.1	5410394.3
T10400.0	503961.7	5410394.3	41819.19922	292.77	0	48.846507	-86.946002	56202.57	56244.7	5.30	56207.87	56207.87109	56206.59413	56206.59375	503961.7	5410394.3
T10400.0	503961.7	5410394.3	41819.30078	294.43	0	48.846507	-86.946002	56202.42	56244.7	5.30	56207.72	56207.71875	56206.48458	56206.48438	503961.7	5410394.3
T10400.0	503959.0	5410394.3	41819.39844	293.40	0	48.846507	-86.946038	56202.40	56244.7	5.30	56207.70	56207.69922	56206.40464	56206.40625	503959.0	5410394.3
T10400.0	503959.0	5410394.3	41819.50000	293.17	0	48.846507	-86.946038	56202.31	56244.7	5.30	56207.61	56207.60938	56206.30064	56206.30078	503959.0	5410394.3
T10400.0	503957.8	5410394.3	41819.60156	293.61	0	48.846507	-86.946055	56202.14	56244.7	5.30	56207.45	56207.44922	56206.17492	56206.17578	503957.8	5410394.3
T10400.0	503957.8	5410394.3	41819.69922	294.31	0	48.846507	-86.946055	56202.02	56244.7	5.30	56207.32	56207.32031	56206.05348	56206.05469	503957.8	5410394.3
T10400.0	503956.5	5410394.3	41819.80078	293.78	0	48.846507	-86.946072	56201.82	56244.7	5.30	56207.12	56207.12109	56205.91373	56205.91406	503956.5	5410394.3
T10400.0	503955.3	5410394.3	41819.89844	293.27	0	48.846507	-86.946089	56201.82	56244.7	5.30	56207.12	56207.12109	56205.81417	56205.81250	503955.3	5410394.3
T10400.0	503954.1	5410394.3	41820.00000	291.91	0	48.846507	-86.946105	56201.68	56244.7	5.30	56206.98	56206.98047	56205.68154	56205.67969	503954.1	5410394.3
T10400.0	503954.1	5410394.3	41820.10156	291.74	0	48.846507	-86.946105	56201.85	56244.7	5.30	56207.15	56207.14844	56205.60171	56205.60156	503954.1	5410394.3
T10400.0	503952.1	5410394.3	41820.19922	289.90	0	48.846506	-86.946132	56201.68	56244.7	5.30	56206.98	56206.98047	56205.45546	56205.45703	503952.1	5410394.3
T10400.0	503950.8	5410394.2	41820.30078	289.19	0	48.846506	-86.946151	56201.60	56244.7	5.29	56206.89	56206.89063	56205.32050	56205.32031	503950.8	5410394.2
T10400.0	503949.6	5410394.2	41820.39844	289.02	0	48.846506	-86.946167	56201.18	56244.7	5.29	56206.47	56206.46875	56205.13718	56205.13672	503949.6	5410394.2
T10400.0	503949.6	5410394.2	41820.39844	289.02	0	48.846506	-86.946167	56201.19	56244.7	5.29	56206.48	56206.48047	56205.01359	56205.01172	503949.6	5410394.2
T10400.0	503948.2	5410394.2	41820.60156	289.54	0	48.846505	-86.946185	56200.68	56244.7	5.29	56205.97	56205.96875	56204.82499	56204.82422	503948.2	5410394.2
T10400.0	503946.9	5410394.1	41820.69922	290.44	0	48.846505	-86.946203	56200.98	56244.7	5.29	56206.27	56206.26953	56204.72887	56204.73047	503946.9	5410394.1
T10400.0	503945.7	5410394.1	41820.80078	288.35	0	48.846505	-86.946219	56200.59	56244.7	5.28	56205.88	56205.87891	56204.55635	56204.55469	503945.7	5410394.1
T10400.0	503945.7	5410394.1	41820.89844	290.20	0	48.846505	-86.946219	56200.22	56244.7	5.28	56205.50	56205.50000	56204.38787	56204.38672	503945.7	5410394.1
T10400.0	503944.4	5410394.0	41821.00000	289.88	0	48.846504	-86.946238	56199.94	56244.7	5.28	56205.22	56205.21875	56204.23021	56204.23047	503944.4	5410394.0
T10400.0	503942.6	5410393.9	41821.10156	292.59	0	48.846504	-86.946261	56199.40	56244.7	5.28	56204.68	56204.67969	56204.05299	56204.05469	503942.6	5410393.9
T10400.0	503942.6	5410393.9	41821.19922	292.70	0	48.846504	-86.946261	56199.82	56244.7	5.28	56205.10	56205.10156	56203.94938	56203.94922	503942.6	5410393.9
T10400.0	503941.3	5410393.9	41821.30078	290.84	0	48.846503	-86.946280	56199.84	56244.7	5.28	56205.12	56205.12109	56203.81224	56203.81250	503941.3	5410393.9
T10400.0	503940.0	5410393.8	41821.39844	291.66	0	48.846503	-86.946297	56199.44	56244.7	5.28	56204.71	56204.71094	56203.64527	56203.64453	503940.0	5410393.8
T10400.0	503938.5	5410393.8	41821.50000	291.45	0	48.846502	-86.946318	56199.14	56244.7	5.27	56204.41	56204.41016	56203.48612	56203.48438	503938.5	5410393.8
T10400.0	503938.5	5410393.8	41821.60156	291.31	0	48.846502	-86.946318	56199.32	56244.7	5.27	56204.60	56204.60156	56203.35710	56203.35547	503938.5	5410393.8
T10400.0	503937.3	5410393.8	41821.69922	291.37	0	48.846502	-86.946334	56198.98	56244.7	5.27	56204.25	56204.25000	56203.19218	56203.19141	503937.3	5410393.8
T10400.0	503935.7	5410393.7	41821.80078	291.32	0	48.846502	-86.946356	56198.68	56244.7	5.27	56203.95	56203.94922	56203.02857	56203.02734	503935.7	5410393.7
T10400.0	503935.7	5410393.7	41821.89844	292.01	0	48.846502	-86.946356	56198.25	56244.7	5.27	56203.52	56203.51953	56202.85597	56202.85547	503935.7	5410393.7
T10400.0	503934.3	5410393.7	41822.00000	289.69	0	48.846502	-86.946375	56198.13	56244.7	5.27	56203.40	56203.39844	56202.69848	56202.69922	503934.3	5410393.7
T10400.0	503933.0	5410393.7	41822.10156	288.63	0	48.846501	-86.946393	56198.22	56244.7	5.27	56203.49	56203.48828	56202.54658	56202.54688	503933.0	5410393.7
T10400.0	503933.0	5410393.7	41822.19922	287.66	0	48.846501	-86.946393	56198.00	56244.7	5.27	56203.27	56203.26953	56202.37765	56202.37891	503933.0	5410393.7
T10400.0	503931.5	5410393.6	41822.30078	287.56	0	48.846501	-86.946413	56197.75	56244.7	5.27	56203.02	56203.01953	56202.20677	56202.20703	503931.5	5410393.6
T10400.0	503930.2	5410393.6	41822.39844	287.45	0	48.846501	-86.946431	56197.32	56244.7	5.27	56202.59	56202.58984	56202.03435	56202.03516	503930.2	5410393.6

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
T10400.0	503930.2	5410393.6	41822.39844	287.45	0	48.846501	-86.946431	56197.32	56244.7	5.27	56202.59	56202.58984	56201.86472	56201.86328	503930.2	5410393.6
T10400.0	503928.8	5410393.6	41822.60156	288.30	0	48.846500	-86.946451	56197.16	56244.7	5.27	56202.43	56202.42969	56201.69192	56201.69141	503928.8	5410393.6
T10400.0	503927.5	5410393.6	41822.69922	290.61	0	48.846500	-86.946468	56197.06	56244.7	5.27	56202.33	56202.32813	56201.51467	56201.51563	503927.5	5410393.6
T10400.0	503926.3	5410393.5	41822.80078	292.29	0	48.846500	-86.946484	56196.63	56244.7	5.27	56201.90	56201.89844	56201.35355	56201.35547	503926.3	5410393.5
T10400.0	503926.3	5410393.5	41822.89844	292.48	0	48.846500	-86.946484	56196.35	56244.7	5.27	56201.62	56201.62109	56201.19022	56201.19141	503926.3	5410393.5
T10400.0	503924.8	5410393.5	41823.00000	291.23	0	48.846500	-86.946505	56195.93	56244.7	5.27	56201.20	56201.19922	56201.04765	56201.04688	503924.8	5410393.5
T10400.0	503923.7	5410393.5	41823.10156	289.50	0	48.846500	-86.946520	56196.10	56244.7	5.27	56201.37	56201.37109	56200.83766	56200.83594	503923.7	5410393.5
T10400.0	503922.2	5410393.5	41823.19922	290.39	0	48.846500	-86.946540	56195.81	56244.7	5.27	56201.07	56201.07031	56200.68731	56200.68750	503922.2	5410393.5
T10400.0	503922.2	5410393.5	41823.30078	283.13	0	48.846500	-86.946540	56195.66	56244.7	5.27	56200.93	56200.92969	56200.51415	56200.51563	503922.2	5410393.5
T10400.0	503920.9	5410393.5	41823.39844	284.34	0	48.846500	-86.946557	56195.55	56244.7	5.27	56200.82	56200.82031	56200.33348	56200.33203	503920.9	5410393.5
T10400.0	503919.7	5410393.5	41823.50000	292.07	0	48.846499	-86.946575	56195.22	56244.7	5.27	56200.49	56200.48828	56200.20707	56200.20703	503919.7	5410393.5
T10400.0	503918.3	5410393.4	41823.60156	290.58	0	48.846499	-86.946593	56195.00	56244.7	5.27	56200.27	56200.26953	56200.06026	56200.05859	503918.3	5410393.4
T10400.0	503918.3	5410393.4	41823.69922	289.76	0	48.846499	-86.946593	56194.94	56244.7	5.27	56200.21	56200.21094	56199.86639	56199.86719	503918.3	5410393.4
T10400.0	503916.7	5410393.4	41823.80078	289.80	0	48.846499	-86.946615	56194.71	56244.7	5.27	56199.98	56199.98047	56199.64123	56199.64063	503916.7	5410393.4
T10400.0	503915.7	5410393.4	41823.89844	290.31	0	48.846499	-86.946628	56194.74	56244.7	5.27	56200.01	56200.01172	56199.56517	56199.56641	503915.7	5410393.4
T10400.0	503915.7	5410393.4	41824.00000	282.59	0	48.846499	-86.946628	56194.71	56244.7	5.27	56199.98	56199.98047	56199.46081	56199.46094	503915.7	5410393.4
T10400.0	503914.2	5410393.4	41824.10156	283.58	0	48.846499	-86.946650	56194.54	56244.7	5.27	56199.81	56199.80859	56199.30026	56199.30078	503914.2	5410393.4
T10400.0	503912.8	5410393.5	41824.19922	283.90	0	48.846500	-86.946668	56194.16	56244.7	5.27	56199.43	56199.42969	56199.06336	56199.06250	503912.8	5410393.5
T10400.0	503911.7	5410393.5	41824.30078	284.49	0	48.846500	-86.946683	56194.25	56244.7	5.27	56199.53	56199.53125	56199.00199	56199.00391	503911.7	5410393.5
T10400.0	503910.4	5410393.5	41824.39844	284.38	0	48.846500	-86.946701	56193.82	56244.7	5.27	56199.10	56199.10156	56198.75364	56198.75391	503910.4	5410393.5
T10400.0	503910.4	5410393.5	41824.39844	284.38	0	48.846500	-86.946701	56193.75	56244.7	5.27	56199.02	56199.01953	56198.62706	56198.62891	503910.4	5410393.5
T10400.0	503908.8	5410393.5	41824.60156	286.15	0	48.846500	-86.946723	56193.50	56244.7	5.28	56198.78	56198.78125	56198.44792	56198.44922	503908.8	5410393.5
T10400.0	503906.7	5410393.5	41824.69922	284.55	0	48.846500	-86.946752	56193.59	56244.7	5.28	56198.87	56198.87109	56198.37062	56198.37109	503906.7	5410393.5
T10400.0	503906.7	5410393.5	41824.80078	283.43	0	48.846500	-86.946752	56193.24	56244.7	5.28	56198.52	56198.51953	56198.15910	56198.16016	503906.7	5410393.5
T10400.0	503905.3	5410393.5	41824.89844	283.47	0	48.846500	-86.946770	56193.07	56244.7	5.28	56198.35	56198.35156	56198.00214	56198.00391	503905.3	5410393.5
T10400.0	503903.9	5410393.5	41825.00000	284.51	0	48.846500	-86.946790	56192.56	56244.7	5.28	56197.83	56197.82813	56197.75319	56197.75391	503903.9	5410393.5
T10400.0	503903.9	5410393.5	41825.10156	284.98	0	48.846500	-86.946790	56192.28	56244.7	5.28	56197.56	56197.55859	56197.57615	56197.57422	503903.9	5410393.5
T10400.0	503902.8	5410393.5	41825.19922	284.60	0	48.846500	-86.946804	56191.95	56244.7	5.28	56197.23	56197.23047	56197.38738	56197.38672	503902.8	5410393.5
T10400.0	503901.2	5410393.5	41825.30078	285.49	0	48.846500	-86.946826	56191.93	56244.7	5.27	56197.20	56197.19922	56197.27023	56197.26953	503901.2	5410393.5
T10400.0	503899.9	5410393.5	41825.39844	285.05	0	48.846500	-86.946844	56191.89	56244.7	5.27	56197.16	56197.16016	56197.14764	56197.14844	503899.9	5410393.5
T10400.0	503898.8	5410393.5	41825.50000	284.29	0	48.846500	-86.946859	56192.21	56244.7	5.27	56197.48	56197.48047	56197.09634	56197.09766	503898.8	5410393.5
T10400.0	503898.8	5410393.5	41825.60156	285.52	0	48.846500	-86.946859	56192.16	56244.7	5.27	56197.43	56197.42969	56196.96322	56196.96484	503898.8	5410393.5
T10400.0	503896.9	5410393.5	41825.69922	284.22	0	48.846500	-86.946884	56191.55	56244.7	5.27	56196.81	56196.80859	56196.72060	56196.71875	503896.9	5410393.5
T10400.0	503895.4	5410393.5	41825.80078	284.57	0	48.846500	-86.946905	56191.20	56244.7	5.26	56196.46	56196.46094	56196.53368	56196.53516	503895.4	5410393.5
T10400.0	503894.3	5410393.5	41825.89844	282.01	0	48.846500	-86.946921	56191.12	56244.7	5.26	56196.38	56196.37891	56196.39606	56196.39453	503894.3	5410393.5
T10400.0	503892.9	5410393.5	41826.00000	282.37	0	48.846500	-86.946939	56190.84	56244.7	5.26	56196.10	56196.10156	56196.22303	56196.22266	503892.9	5410393.5
T10400.0	503892.9	5410393.5	41826.10156	282.07	0	48.846500	-86.946939	56190.24	56244.7	5.26	56195.50	56195.50000	56195.99803	56195.99609	503892.9	5410393.5
T10400.0	503891.8	5410393.5	41826.19922	280.94	0	48.846500	-86.946955	56190.25	56244.7	5.26	56195.51	56195.51172	56195.87361	56195.87500	503891.8	5410393.5
T10400.0	503890.0	5410393.5	41826.30078	280.32	0	48.846500	-86.946979	56190.34	56244.7	5.26	56195.60	56195.60156	56195.75946	56195.75781	503890.0	5410393.5
T10400.0	503888.8	5410393.5	41826.39844	281.00	0	48.846500	-86.946995	56190.45	56244.7	5.26	56195.71	56195.71094	56195.64608	56195.64453	503888.8	5410393.5
T10400.0	503888.8	5410393.5	41826.39844	281.00	0	48.846500	-86.946995	56190.14	56244.7	5.26	56195.40	56195.39844	56195.46697	56195.46875	503888.8	5410393.5
T10400.0	503887.4	5410393.5	41826.50000	281.98	0	48.846500	-86.947014	56189.77	56244.7	5.26	56195.03	56195.03125	56195.27837	56195.27734	503887.4	5410393.5
T10400.0	503886.0	5410393.4	41826.69922	284.47	0	48.846500	-86.947033	56189.66	56244.7	5.25	56194.91	56194.91016	56195.12690	56195.12500	503886.0	5410393.4
T10400.0	503886.0	5410393.4	41826.80078	283.96	0	48.846500	-86.947033	56189.38	56244.7	5.25	56194.63	56194.62891	56194.95010	56194.94922	503886.0	5410393.4
T10400.0	503884.2	5410393.4	41826.89844	283.40	0	48.846500	-86.947058	56189.04	56244.7	5.25	56194.29	56194.28906	56194.76258	56194.76172	503884.2	5410393.4
T10400.0	503882.5	5410393.4	41827.00000	285.04	0	48.846499	-86.947081	56188.71	56244.8	5.25	56193.96	56193.96094	56194.57460	56194.57422	503882.5	5410393.4
T10400.0	503881.3	5410393.4	41827.10156	283.72	0	48.846500	-86.947098	56188.89	56244.7	5.25	56194.15	56194.14844	56194.46849	56194.46875	503881.3	5410393.4
T10400.0	503881.3	5410393.4	41827.19922	283.67	0	48.846500	-86.947098	56188.52	56244.7	5.26	56193.77	56193.76953	56194.26977	56194.26953	503881.3	5410393.4
T10400.0	503879.7	5410393.4	41827.30078	282.25	0	48.846500	-86.947120	56188.52	56244.7	5.26	56193.78	56193.78125	56194.13491	56194.13672	503879.7	5410393.4
T10400.0	503878.0	5410393.4	41827.39844	283.56	0	48.846500	-86.947142	56188.22	56244.7	5.26	56193.48	56193.48047	56193.94682	56193.94531	503878.0	5410393.4
T10400.0	503876.8	5410393.4	41827.50000	282.68	0	48.846500	-86.947159	56187.90	56244.7	5.26	56193.17	56193.17188	56193.75539	56193.75391	503876.8	5410393.4
T10400.0	503876.8	5410393.4	41827.60156	283.48	0	48.846500	-86.947159	56187.75	56244.7	5.27	56193.02	56193.01953	56193.59200	56193.59375	503876.8	5410393.4
T10400.0	503875.4	5410393.4	41827.69922	284.08	0	48.846500	-86.947178	56187.02	56244.7	5.27	56192.29	56192.28906	56193.32119	56193.32031	503875.4	5410393.4
T10400.0	503873.7	5410393.4	41827.80078	287.97	0	48.846500	-86.947201	56186.94	56244.7	5.27	56192.21	56192.21094	56193.17028	56193.17188	503873.7	5410393.4
T10400.0	503872.2	5410393.4	41827.89844	283.05	0	48.846500	-86.947221	56186.77	56244.7	5.28	56192.05	56192.05078	56193.00535	56193.00391	503872.2	5410393.4
T10400.0	503872.2	5410393.4	41828.00000	283.13	0	48.846500	-86.947221	56186.46	56244.7	5.28	56191.74	56191.73828	56192.81268	56192.81250	503872.2	5410393.4
T10400.0	503870.6	5410393.4	41828.10156	284.37	0	48.846500	-86.947243	56186.36	56244.7	5.28	56191.64	56191.64063	56192.66018	56192.66016	503870.6	5410393.4
T10400.0	503870.6	5410393.4	41828.19922	284.16	0	48.846500	-86.947243	56185.81	56244.7	5.28	56191.09	56191.08984	56192.42361	56192.42188	503870.6	5410393.4
T10400.0	503868.6	5410393.4	41828.30078	284.53	0	48.846500	-86.947270	56185.48	56244.7	5.28	56190.76	56190.76172	56192.22915	56192.23047	503868.6	5410393.4
T10400.0	503867.0	5410393.4	41828.39844	283.20	0	48.846500	-86.947293	56185.32	56244.7	5.28	56190.60	56190.60156	56192.06662	56192.06641	503867.0	5410393.4
T10400.0	503867.0	5410393.4	41828.39844	283.20	0	48.846500	-86.947293	56185.32	56244.7	5.28	56190.60	56190.60156	56191.93315	56191.93359	503867.0	5410393.4
T10400.0	503865.6	5410393.4	41828.60156	283.18	0	48.846499	-86.947311	56184.82	56244.7	5.28	56190.10	56190.10156	56191.70779	56191.70703	503865.6	5410393.4
T10400.0	503864.0	5410393.4	41828.69922	282.78	0	48.846499	-86.947333	56184.90	56244.7	5.28	56190.18	56190.17969	56191.58752	56191.58594	503864.0	5410393.4
T10400.0	503863.1	5410393.4	41828.80078	282.54	0	48.846499	-86.947345	56184.56	56244.7	5.28	56189.84	56189.83984	56191.39026	56191.39063	503863.1	5410393.4
T10400.0	503863.1	5410393.4	41828.89844	280.93	0	48.846499	-86.947345	56184.82	56244.7	5.28	56190.10	56190.10156	56191.30038	56191.30078	503863.1	5410393.4
T10400.0	503861.7	5410393.4	41829.00000	282.23	0	48.846499	-86.947364	56184.42	56244.7	5.28	56189.70	56189.69922	56191.09065	56191.08984	503861.7	5410393.4
T10400.0	503860.5	5410393.4	41829.10156	282.30	0	48.846499	-86.947380	56184.00	56244.7	5.28	56189.28	56189.28125	56190.87626	56190.87500	503860.5	5410393.4
T10400.0	503860.5	5410393.4	41829.19922	281.44	0	48.846499	-86.947380	56183.94	56244.7	5.28	56189.21	56189.21094	56190.72421	56190.72266	503860.5	5410393.4
T10400.0	503858.8	5410393.4	41829.30078	282.62	0	48.846499	-86.947405	56183.51	56244.7	5.27	56188.78	56188.78125	56190.50555	56190.50391	503858.8	5410393.4
T10400.0	503857.4	5410393.4	41829.39844	283.94	0	48.846499	-86.947424	56183.56	56244.7	5.27	56188.83	56188.82813	56190.37399	56190.37500	503857.4	5410393.4
T10400.0	503857.4	5410393.4	41829.50000	284.80	0	48.846499	-86.947424	56183.23	56244.7	5.27	56188.50	56188.50000	56190.17146	56190.17188	503857.4	5410393.4
T10400.0	503855.9	5410393.4	41829.60156	284.88	0	48.846499	-86.947443	56183.60	56244.7	5.27	56188.87	56188.87109	56190.09988	56190.10156	503855.9	5410393.4
T10400.0	503854.3	5410393.4	41829.69922	284.71	0	48.846499	-86.947466	56183.36	56244.7	5.27	56188.62	56188.62109	56189.91147	56189.91016	503854.3	5410393.4
T10400.0	503852.9	5410393.4	41829.80078	284.57	0	48.846499	-86.947484	56182.92	56244.7	5.26	56188.19	56188.19141	56189.68714	56189.68750	503852.9	5410393.4
T10400.0	503852.9	5410393.4	41829.89844	283.64	0	48.846499	-86.947484	56182.57	56244.7	5.26	56187.83	56187.82813	56189.47461	56189.47656	503852.9	5410393.4
T10400.0	503851.5	5410393.4	41830.00000	284.13	0	48.846499	-86.947504	56182.41	56244.7	5.26	56187.67	56187.67188	56189.30038	56189.30078	503851.5	5410393.4
T10400.0	503850.5	5410393.4	41830.10156	281.64	0	48.846499	-86.947517	56182.27	56244.7	5.26	56187.53	56187.53125	56189.12966	56189.12891	503850.5	5410393.4
T10400.0	503848.7	5410393.4	41830.19922	282.68	0	48.846499	-86.947542	56181.98	56244.7	5.26	56187.24	56187.23828	56188.92763	56188.92578	503848.7	5410393.4
T10400.0	503848.7	5410393.4	41830.30078	282.76	0	48.846499	-86.947542	56181.70	56244.7	5.26	56186.96	56186.96094	56188.72629	56188.72656	503848.7	5410393.4
T10400.0	503847.0	5410393.4	41830.39844	281.35	0	48.846500	-86.947565	56181.48	56244.7	5.26	56186.74	56186.73828	56188.53634	56188.53516	503847.0	5410393.4
T10400.0	503845.2	5410393.4	41830.39844	281.35	0	48.846500	-86.947589	56181.13	56244.7	5.26	56186.39	56186.39063	56188.31722	56188.31641	503845.2	5410393.4
T10400.0	503844.4	5410393.4	41830.60156	283.42	0	48.846500	-86.947600	56181.07	56244.7	5.26	56186.33	56186.32813	56188.16030	56188.16016	503844.4	5410393.4
T10400.0	503844.4	5410393.4	41830.69922	285.05	0	48.846500	-86.947600	56181.03	56244.7	5.26	56186.29	56186.28906	56188.00812	56188.00781	503844.4	5410393.4
T10400.0	503843.0	5410393.4	41830.80078	284.51	0	48.846500	-86.947620	56180.47	56244.7	5.26	56185.73	56185.73047	56187.73686	56187.73828	503843.0	5410393.4
T10400.0	503841.5	5410393.4	41830.89844	282.39	0	48.846500	-86.947641	56180.50	56244.7	5.26	56185.76	56185.76172	56187.59875	56187.59766	503841.5	5410393.4
T10400.0	503841.5	5410393.4	41831.00000	283.21	0	48.846500	-86.947641	56180.37	56244.7	5.26	56185.63	56185.62891	56187.42310	56187.42188	503841.5	5410393.4
T10400.0	503839.6	5410393.5	41831.10156	283.28	0	48.846500	-86.947666	56180.12	56244.7	5.26	56185.38	56185.37891	56187.21744	56187.21875	503839.6	5410393.5
T10400.0	503837.9	5410393.5	41831.19922	283.21	0	48.846500	-86.947689	56179.76	56244.7	5.26	56185.02	56185.01953	56186.98240	56186.98047	503837.9	5410393.5
T10400.0	503837.9	5410393.5	41831.30078	281.94	0	48.846500	-86.947689	56179.40	56244.7	5.26	56184.67	56184.67188	56186.74694	56186.74609	503837.9	5410393.5
T10400.0	503836.2	5410393.5	41831.39844	283.94	0	48.846500	-86.947712	56179.64	56244.7	5.26	56184.90	56184.89844	56186.66113	56186.66016	503836.2	5410393.5
T10400.0	503835.1	5410393.5	41831.50000	285.38	0	48.846500	-86.947728	56179.28	56244.7	5.26	56184.54	56184.53906	56186.42185	56186.42188	503835.1	5410393.5
T10400.0	503833.6	5410393.5	41831.60156	284.79	0	48.846500	-86.947747	56178.98	56244.7	5.27	56184.25	56184.25000	56186.19977	56186.19922	503833.6	5410393.5
T10400.0	503831.9	5410393.5	41831.69922	284.78	0	48.846501	-86.947771	56178.72	56244.7	5.27	56183.99	56183.98828	56185.98526	56185.98438	503831.9	5410393.5

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
T10400.0	503831.9	5410393.5	41831.80078	283.62	0	48.846501	-86.947771	56178.61	56244.7	5.27	56183.87	56183.87109	56185.81053	56185.80859	503831.9	5410393.5
T10400.0	503830.1	5410393.5	41831.89844	284.84	0	48.846501	-86.947796	56178.23	56244.7	5.27	56183.50	56183.50000	56185.56547	56185.56641	503830.1	5410393.5
T10400.0	503828.4	5410393.6	41832.00000	284.40	0	48.846501	-86.947819	56178.02	56244.7	5.27	56183.29	56183.28906	56185.36768	56185.36719	503828.4	5410393.6
T10400.0	503827.2	5410393.6	41832.10156	286.17	0	48.846501	-86.947835	56177.92	56244.7	5.27	56183.19	56183.19141	56185.20456	56185.20313	503827.2	5410393.6
T10400.0	503827.2	5410393.6	41832.19922	286.62	0	48.846501	-86.947835	56177.48	56244.7	5.27	56182.75	56182.75000	56184.94337	56184.94531	503827.2	5410393.6
T10400.0	503825.5	5410393.6	41832.30078	286.55	0	48.846501	-86.947858	56177.59	56244.7	5.27	56182.86	56182.85938	56184.84830	56184.84766	503825.5	5410393.6
T10400.0	503824.2	5410393.6	41832.39844	286.32	0	48.846501	-86.947876	56177.16	56244.7	5.27	56182.43	56182.42969	56184.59573	56184.59766	503824.2	5410393.6
T10400.0	503824.2	5410393.6	41832.39844	286.32	0	48.846501	-86.947876	56177.22	56244.7	5.27	56182.49	56182.48828	56184.49189	56184.49219	503824.2	5410393.6
T10400.0	503823.0	5410393.6	41832.60156	286.42	0	48.846502	-86.947892	56176.78	56244.7	5.27	56182.05	56182.05078	56184.24381	56184.24219	503823.0	5410393.6
T10400.0	503821.9	5410393.7	41832.69922	286.19	0	48.846502	-86.947907	56176.93	56244.7	5.27	56182.20	56182.19922	56184.17155	56184.17188	503821.9	5410393.7
T10400.0	503820.2	5410393.7	41832.80078	286.79	0	48.846502	-86.947930	56176.54	56244.7	5.27	56181.81	56181.80859	56183.94618	56183.94531	503820.2	5410393.7
T10400.0	503820.2	5410393.7	41832.89844	285.87	0	48.846502	-86.947930	56175.73	56244.7	5.27	56181.00	56181.00000	56183.60998	56183.60938	503820.2	5410393.7
T10400.0	503818.8	5410393.7	41833.00000	284.20	0	48.846502	-86.947949	56175.49	56244.7	5.27	56180.76	56180.76172	56183.43946	56183.44141	503818.8	5410393.7
T10400.0	503817.1	5410393.7	41833.10156	284.05	0	48.846502	-86.947972	56175.32	56244.7	5.27	56180.58	56180.57813	56183.28828	56183.28906	503817.1	5410393.7
T10400.0	503815.7	5410393.7	41833.19922	284.35	0	48.846503	-86.947992	56175.48	56244.7	5.27	56180.74	56180.73828	56183.22469	56183.22656	503815.7	5410393.7
T10400.0	503815.7	5410393.7	41833.30078	285.46	0	48.846503	-86.947992	56174.81	56244.7	5.27	56180.07	56180.07031	56182.95322	56182.95313	503815.7	5410393.7
T10400.0	503813.6	5410393.8	41833.39844	284.05	0	48.846503	-86.948020	56174.88	56244.7	5.27	56180.14	56180.14063	56182.86408	56182.86328	503813.6	5410393.8
T10400.0	503812.0	5410393.8	41833.50000	282.47	0	48.846503	-86.948042	56174.60	56244.7	5.26	56179.87	56179.87109	56182.69217	56182.69141	503812.0	5410393.8
T10400.0	503812.0	5410393.8	41833.60156	283.00	0	48.846503	-86.948042	56174.68	56244.7	5.26	56179.94	56179.94141	56182.59343	56182.59375	503812.0	5410393.8
T10400.0	503810.4	5410393.8	41833.69922	283.66	0	48.846503	-86.948064	56174.45	56244.7	5.26	56179.71	56179.71094	56182.42417	56182.42578	503810.4	5410393.8
T10400.0	503810.4	5410393.8	41833.80078	282.97	0	48.846503	-86.948064	56174.12	56244.7	5.26	56179.38	56179.37891	56182.23076	56182.23047	503810.4	5410393.8
T10400.0	503808.9	5410393.8	41833.89844	282.17	0	48.846503	-86.948084	56173.79	56244.7	5.26	56179.05	56179.05078	56182.03404	56182.03516	503808.9	5410393.8
T10400.0	503806.9	5410393.8	41834.00000	281.60	0	48.846504	-86.948112	56173.46	56244.7	5.26	56178.72	56178.71875	56181.83332	56181.83203	503806.9	5410393.8
T10400.0	503806.9	5410393.8	41834.10156	281.19	0	48.846504	-86.948112	56172.94	56244.7	5.26	56178.20	56178.19922	56181.59061	56181.58984	503806.9	5410393.8
T10400.0	503805.4	5410393.9	41834.19922	282.70	0	48.846504	-86.948132	56172.65	56244.7	5.26	56177.91	56177.91016	56181.38764	56181.38672	503805.4	5410393.9
T10400.0	503804.1	5410393.9	41834.30078	282.91	0	48.846504	-86.948149	56172.86	56244.7	5.26	56178.12	56178.12109	56181.27685	56181.27734	503804.1	5410393.9
T10400.0	503802.7	5410393.8	41834.39844	282.56	0	48.846504	-86.948168	56172.89	56244.7	5.26	56178.15	56178.14844	56181.12683	56181.12500	503802.7	5410393.8
T10400.0	503802.7	5410393.8	41834.39844	282.56	0	48.846504	-86.948168	56172.70	56244.7	5.26	56177.96	56177.96094	56180.92965	56180.92969	503802.7	5410393.8
T10400.0	503801.0	5410393.8	41834.60156	282.91	0	48.846504	-86.948192	56172.25	56244.7	5.26	56177.51	56177.51172	56180.67562	56180.67578	503801.0	5410393.8
T10400.0	503799.5	5410393.8	41834.69922	282.63	0	48.846504	-86.948212	56172.07	56244.7	5.26	56177.33	56177.32813	56180.47300	56180.47266	503799.5	5410393.8
T10400.0	503799.5	5410393.8	41834.80078	283.10	0	48.846504	-86.948212	56171.86	56244.7	5.26	56177.12	56177.12109	56180.26186	56180.26172	503799.5	5410393.8
T10400.0	503797.8	5410393.9	41834.89844	283.47	0	48.846504	-86.948235	56171.42	56244.7	5.26	56176.68	56176.67969	56179.99847	56180.00000	503797.8	5410393.9
T10400.0	503796.1	5410393.9	41835.00000	284.95	0	48.846504	-86.948259	56171.30	56244.7	5.26	56176.56	56176.55859	56179.80424	56179.80469	503796.1	5410393.9
T10400.0	503794.5	5410393.9	41835.10156	284.87	0	48.846504	-86.948281	56170.86	56244.7	5.26	56176.12	56176.12109	56179.53709	56179.53516	503794.5	5410393.9
T10400.0	503794.5	5410393.9	41835.19922	285.03	0	48.846504	-86.948281	56170.75	56244.7	5.26	56176.02	56176.01953	56179.34870	56179.34766	503794.5	5410393.9
T10400.0	503792.9	5410393.9	41835.30078	285.61	0	48.846504	-86.948302	56170.16	56244.7	5.26	56175.42	56175.42188	56179.04213	56179.04297	503792.9	5410393.9
T10400.0	503791.4	5410393.9	41835.39844	286.29	0	48.846504	-86.948322	56170.22	56244.7	5.26	56175.48	56175.48047	56178.89642	56178.89453	503791.4	5410393.9
T10400.0	503791.4	5410393.9	41835.50000	284.86	0	48.846504	-86.948322	56169.98	56244.7	5.26	56175.24	56175.23828	56178.68083	56178.67969	503791.4	5410393.9
T10400.0	503790.0	5410393.9	41835.60156	284.95	0	48.846504	-86.948342	56169.76	56244.7	5.27	56175.03	56175.03125	56178.47610	56178.47656	503790.0	5410393.9
T10400.0	503788.4	5410393.9	41835.69922	285.86	0	48.846504	-86.948364	56169.14	56244.7	5.27	56174.41	56174.41016	56178.17154	56178.17188	503788.4	5410393.9
T10400.0	503786.7	5410393.9	41835.80078	284.44	0	48.846504	-86.948387	56169.16	56244.7	5.27	56174.43	56174.42969	56178.03409	56178.03516	503786.7	5410393.9
T10400.0	503785.3	5410393.9	41835.89844	285.72	0	48.846504	-86.948406	56169.12	56244.7	5.27	56174.39	56174.39063	56177.88682	56177.88672	503785.3	5410393.9
T10400.0	503785.3	5410393.9	41836.00000	284.33	0	48.846504	-86.948406	56168.45	56244.7	5.27	56173.72	56173.71875	56177.58518	56177.58594	503785.3	5410393.9
T10400.0	503784.1	5410393.9	41836.10156	284.43	0	48.846504	-86.948422	56168.45	56244.7	5.27	56173.72	56173.71875	56177.45949	56177.46094	503784.1	5410393.9
T10400.0	503782.0	5410393.9	41836.19922	284.76	0	48.846504	-86.948450	56168.22	56244.7	5.27	56173.49	56173.48828	56177.28106	56177.28125	503782.0	5410393.9
T10400.0	503782.0	5410393.9	41836.30078	285.53	0	48.846504	-86.948450	56167.92	56244.7	5.27	56173.18	56173.17969	56177.08856	56177.08984	503782.0	5410393.9
T10400.0	503780.6	5410393.8	41836.39844	286.42	0	48.846504	-86.948470	56167.72	56244.7	5.27	56172.98	56172.98047	56176.92819	56176.92969	503780.6	5410393.8
T10400.0	503779.2	5410393.8	41836.39844	286.42	0	48.846504	-86.948489	56167.68	56244.7	5.27	56172.95	56172.94922	56176.81147	56176.81250	503779.2	5410393.8
T10400.0	503779.2	5410393.8	41836.50000	285.84	0	48.846504	-86.948489	56167.36	56244.7	5.26	56172.62	56172.62109	56176.62876	56176.62891	503779.2	5410393.8
T10400.0	503777.8	5410393.8	41836.69922	283.63	0	48.846503	-86.948509	56167.32	56244.7	5.26	56172.58	56172.57813	56176.51392	56176.51563	503777.8	5410393.8
T10400.0	503776.1	5410393.8	41836.80078	282.98	0	48.846503	-86.948532	56166.93	56244.7	5.26	56172.19	56172.19141	56176.32544	56176.32422	503776.1	5410393.8
T10400.0	503774.8	5410393.8	41836.89844	283.41	0	48.846503	-86.948549	56166.74	56244.7	5.26	56172.00	56172.00000	56176.18209	56176.18359	503774.8	5410393.8
T10400.0	503773.6	5410393.8	41837.00000	283.12	0	48.846503	-86.948565	56166.43	56244.7	5.26	56171.69	56171.69141	56176.01664	56176.01563	503773.6	5410393.8
T10400.0	503773.6	5410393.8	41837.10156	283.37	0	48.846503	-86.948565	56166.60	56244.7	5.26	56171.86	56171.85938	56175.94269	56175.94141	503773.6	5410393.8
T10400.0	503772.0	5410393.8	41837.19922	283.46	0	48.846503	-86.948588	56166.00	56244.7	5.26	56171.26	56171.26172	56175.72609	56175.72656	503772.0	5410393.8
T10400.0	503770.2	5410393.8	41837.30078	282.34	0	48.846503	-86.948612	56165.72	56244.7	5.26	56170.98	56170.98047	56175.56938	56175.57031	503770.2	5410393.8
T10400.0	503768.5	5410393.8	41837.39844	283.20	0	48.846504	-86.948635	56165.77	56244.7	5.26	56171.03	56171.03125	56175.46622	56175.46484	503768.5	5410393.8
T10400.0	503768.5	5410393.8	41837.50000	285.16	0	48.846504	-86.948635	56165.42	56244.7	5.25	56170.67	56170.67188	56175.29427	56175.29297	503768.5	5410393.8
T10400.0	503767.1	5410393.8	41837.60156	284.50	0	48.846504	-86.948655	56165.32	56244.7	5.25	56170.57	56170.57031	56175.16119	56175.16016	503767.1	5410393.8
T10400.0	503765.6	5410393.8	41837.69922	283.16	0	48.846504	-86.948674	56164.62	56244.7	5.25	56169.87	56169.87109	56174.93893	56174.93750	503765.6	5410393.8
T10400.0	503765.6	5410393.8	41837.80078	283.39	0	48.846504	-86.948674	56164.53	56244.7	5.25	56169.78	56169.78125	56174.80288	56174.80469	503765.6	5410393.8
T10400.0	503763.9	5410393.9	41837.89844	283.99	0	48.846504	-86.948698	56164.54	56244.7	5.25	56169.79	56169.78906	56174.67576	56174.67578	503763.9	5410393.9
T10400.0	503762.2	5410393.9	41838.00000	281.95	0	48.846504	-86.948721	56164.32	56244.8	5.25	56169.57	56169.57031	56174.51426	56174.51563	503762.2	5410393.9
T10400.0	503762.2	5410393.9	41838.10156	281.60	0	48.846504	-86.948721	56164.03	56244.7	5.25	56169.28	56169.28125	56174.34133	56174.33984	503762.2	5410393.9
T10400.0	503760.9	5410393.9	41838.19922	281.10	0	48.846504	-86.948738	56163.78	56244.7	5.25	56169.03	56169.03125	56174.17116	56174.17188	503760.9	5410393.9
T10400.0	503759.4	5410393.9	41838.30078	281.14	0	48.846505	-86.948759	56163.48	56244.7	5.25	56168.74	56168.73828	56173.99400	56173.99219	503759.4	5410393.9
T10400.0	503758.2	5410393.9	41838.39844	281.24	0	48.846505	-86.948775	56163.04	56244.7	5.25	56168.29	56168.28906	56173.79628	56173.79688	503758.2	5410393.9
T10400.0	503758.2	5410393.9	41838.39844	281.24	0	48.846505	-86.948775	56162.82	56244.7	5.25	56168.07	56168.07031	56173.62386	56173.62500	503758.2	5410393.9
T10400.0	503756.3	5410394.0	41838.60156	281.40	0	48.846505	-86.948801	56162.54	56244.7	5.26	56167.80	56167.80078	56173.44398	56173.44531	503756.3	5410394.0
T10400.0	503754.7	5410394.0	41838.69922	284.65	0	48.846505	-86.948823	56162.05	56244.7	5.26	56167.31	56167.30859	56173.23798	56173.23828	503754.7	5410394.0
T10400.0	503753.2	5410394.1	41838.80078	283.34	0	48.846506	-86.948844	56162.05	56244.7	5.26	56167.31	56167.30859	56173.08615	56173.08594	503753.2	5410394.1
T10400.0	503753.2	5410394.1	41838.89844	284.22	0	48.846506	-86.948844	56162.20	56244.7	5.26	56167.46	56167.46094	56172.94982	56172.94922	503753.2	5410394.1
T10400.0	503751.7	5410394.1	41839.00000	283.79	0	48.846507	-86.948864	56162.39	56244.7	5.26	56167.65	56167.64844	56172.81684	56172.81641	503751.7	5410394.1
T10400.0	503750.2	5410394.2	41839.10156	282.89	0	48.846507	-86.948885	56162.36	56244.7	5.26	56167.62	56167.62109	56172.65874	56172.66016	503750.2	5410394.2
T10400.0	503748.9	5410394.3	41839.19922	282.06	0	48.846508	-86.948902	56162.08	56244.7	5.26	56167.34	56167.33984	56172.47273	56172.47266	503748.9	5410394.3
T10400.0	503747.7	5410394.3	41839.19922	282.06	0	48.846508	-86.948918	56161.88	56244.7	5.26	56167.14	56167.14063	56172.29556	56172.29688	503747.7	5410394.3
T10400.0	503747.7	5410394.3	41839.30078	282.79	0	48.846508	-86.948918	56161.48	56244.7	5.26	56166.74	56166.73828	56172.09660	56172.09766	503747.7	5410394.3
T10400.0	503746.2	5410394.4	41839.50000	281.76	0	48.846509	-86.948939	56161.29	56244.7	5.26	56166.55	56166.55078	56171.92105	56171.92188	503746.2	5410394.4
T10400.0	503744.6	5410394.5	41839.50000	282.96	0	48.846510	-86.948961	56161.07	56244.7	5.26	56166.33	56166.32813	56171.74266	56171.74219	503744.6	5410394.5
T10400.0	503743.3	5410394.5	41839.69922	281.79	0	48.846510	-86.948978	56160.84	56244.7	5.26	56166.10	56166.10156	56171.56354	56171.56250	503743.3	5410394.5
T10400.0	503743.3	5410394.5	41839.69922	281.79	0	48.846510	-86.948978	56160.84	56244.7	5.26	56166.10	56166.10156	56171.40903	56171.41016	503743.3	5410394.5
T10400.0	503741.9	5410394.6	41839.80078	281.70	0	48.846511	-86.948998	56160.36	56244.7	5.26	56165.62	56165.62109	56171.20201	56171.20313	503741.9	5410394.6
T10400.0	503740.4	5410394.7	41839.89844	281.88	0	48.846511	-86.949018	56160.58	56244.7	5.26	56165.84	56165.83984	56171.06794	56171.06641	503740.4	5410394.7
T10400.0	503739.2	5410394.7	41840.00000	282.72	0	48.846512	-86.949034	56160.28	56244.7	5.26	56165.54	56165.53906	56170.87496	56170.87500	503739.2	5410394.7
T10400.0	503739.2	5410394.7	41840.10156	281.45	0	48.846512	-86.949034	56160.16	56244.7	5.26	56165.42	56165.42188	56170.69710	56170.69531	503739.2	5410394.7
T10400.0	503737.3	5410394.8	41840.19922	281.43	0	48.846513	-86.949061	56159.90	56244.7	5.26	56165.16	56165.16016	56170.49871	56170.50000	503737.3	5410394.8
T10400.0	503735.7	5410394.9	41840.39844	280.70	0	48.846514	-86.949082	56159.95	56244.7	5.26	56165.22	56165.21875	56170.33012	56170.33203	503735.7	5410394.9
T10400.0	503734.3	5410395.0	41840.39844	280.70	0	48.846514	-86.949102	56159.50	56244.7	5.26	56164.76	56164.76172	56170.09624	56170.09766	503734.3	5410395.0
T10400.0	503733.2	5410395.1	41840.60156	281.96	0	48.846515	-86.949116	56158.88	56244.7	5.27	56164.14	56164.14063	56169.83388	56169.83203	503733.2	5410395.1
T10400.0	503733.2	5410395.1	41840.69922	284.97	0	48.846515	-86.949116	56159.12	56244.7	5.27	56164.39	56164.39063	56169.67005	56169.67188	503733.2	5410395.1
T10400.0	503731.4	5410395.1	41840.80078	283.72	0	48.846516	-86.949141	56158.42	56244.7	5.27	56163.69	56163.69141	56169.37729	56169.37891	503731.4	5410395.1
T10400.0	503729.7	5410395.2	41840.89844	281.38	0	48.846517	-86.949164	56158.86	56244.7	5.27	56164.13	56164.12891	56169.23119	56169.23047	503729.7	5410395.2
T10400.0	503728.5	5410395.3	41841.00000	281.23	0	48.846517	-86.949180	56159.00	56244.7	5.27	56164.27	56164.26953	56169.04421	56169.04297	503728.5	5410395.3

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
T10400.0	503728.5	5410395.3	41841.10156	281.67	0	48.846517	-86.949180	56159.29	56244.7	5.27	56164.56	56164.55859	56168.88202	56168.88281	503728.5	5410395.3
T10400.0	503726.3	5410395.3	41841.19922	282.28	0	48.846518	-86.949210	56158.64	56244.7	5.27	56163.91	56163.91016	56168.56574	56168.56641	503726.3	5410395.3
T10400.0	503724.6	5410395.4	41841.30078	281.64	0	48.846518	-86.949233	56158.52	56244.7	5.27	56163.79	56163.78906	56168.33208	56168.33203	503724.6	5410395.4
T10400.0	503724.6	5410395.4	41841.39844	281.43	0	48.846518	-86.949233	56158.36	56244.7	5.27	56163.63	56163.62891	56168.08977	56168.08984	503724.6	5410395.4
T10400.0	503723.0	5410395.4	41841.50000	283.25	0	48.846518	-86.949255	56157.43	56244.7	5.27	56162.70	56162.69922	56167.69160	56167.69141	503723.0	5410395.4
T10400.0	503721.6	5410395.5	41841.60156	284.40	0	48.846519	-86.949274	56157.27	56244.7	5.28	56162.55	56162.55078	56167.44222	56167.44141	503721.6	5410395.5
T10400.0	503721.6	5410395.5	41841.69922	285.82	0	48.846519	-86.949274	56156.45	56244.7	5.28	56161.72	56161.71875	56167.04256	56167.04297	503721.6	5410395.5
T10400.0	503720.2	5410395.5	41841.80078	284.40	0	48.846519	-86.949293	56156.92	56244.7	5.28	56162.20	56162.19922	56166.93559	56166.93750	503720.2	5410395.5
T10400.0	503718.8	5410395.5	41841.89844	286.33	0	48.846519	-86.949313	56156.52	56244.7	5.28	56161.80	56161.80078	56166.63003	56166.62891	503718.8	5410395.5
T10400.0	503717.1	5410395.5	41842.00000	287.44	0	48.846519	-86.949335	56156.87	56244.7	5.28	56162.15	56162.14844	56166.51136	56166.51172	503717.1	5410395.5
T10400.0	503717.1	5410395.5	41842.10156	285.80	0	48.846519	-86.949335	56156.12	56244.7	5.28	56161.40	56161.39844	56166.11775	56166.11719	503717.1	5410395.5
T10400.0	503715.8	5410395.5	41842.19922	284.94	0	48.846519	-86.949354	56155.86	56244.7	5.27	56161.13	56161.12891	56165.84649	56165.84766	503715.8	5410395.5
T10400.0	503714.4	5410395.6	41842.30078	284.47	0	48.846520	-86.949373	56155.48	56244.7	5.27	56160.75	56160.75000	56165.54668	56165.54688	503714.4	5410395.6
T10400.0	503712.8	5410395.6	41842.39844	285.05	0	48.846520	-86.949394	56156.13	56244.7	5.26	56161.40	56161.39844	56165.53983	56165.53906	503712.8	5410395.6
T10400.0	503712.8	5410395.6	41842.39844	285.05	0	48.846520	-86.949394	56156.18	56244.7	5.26	56161.45	56161.44922	56165.37327	56165.37500	503712.8	5410395.6
T10400.0	503711.1	5410395.6	41842.60156	285.00	0	48.846520	-86.949417	56155.51	56244.7	5.26	56160.76	56160.76172	56164.99452	56164.99609	503711.1	5410395.6
T10400.0	503709.7	5410395.6	41842.69922	285.57	0	48.846520	-86.949436	56154.97	56244.7	5.25	56160.22	56160.21875	56164.66031	56164.66016	503709.7	5410395.6
T10400.0	503708.0	5410395.6	41842.80078	282.93	0	48.846520	-86.949459	56153.86	56244.8	5.25	56159.11	56159.10938	56164.15504	56164.15625	503708.0	5410395.6
T10400.0	503708.0	5410395.6	41842.89844	284.26	0	48.846520	-86.949459	56154.49	56244.8	5.24	56159.73	56159.73047	56164.17986	56164.17969	503708.0	5410395.6
T10400.0	503706.4	5410395.6	41843.00000	285.46	0	48.846520	-86.949481	56153.66	56244.8	5.24	56158.90	56158.89844	56163.76521	56163.76563	503706.4	5410395.6
T10400.0	503705.0	5410395.5	41843.10156	284.94	0	48.846519	-86.949500	56153.45	56244.8	5.24	56158.69	56158.69141	56163.54503	56163.54688	503705.0	5410395.5
T10400.0	503703.6	5410395.5	41843.19922	286.57	0	48.846519	-86.949520	56152.93	56244.8	5.25	56158.17	56158.17188	56163.23248	56163.23438	503703.6	5410395.5
T10400.0	503703.6	5410395.5	41843.30078	286.24	0	48.846519	-86.949520	56153.58	56244.8	5.25	56158.83	56158.82813	56163.28998	56163.28906	503703.6	5410395.5
T10400.0	503702.0	5410395.5	41843.39844	287.18	0	48.846519	-86.949542	56153.48	56244.7	5.25	56158.73	56158.73047	56163.11438	56163.11328	503702.0	5410395.5
T10400.0	503700.4	5410395.5	41843.50000	285.58	0	48.846519	-86.949563	56153.00	56244.7	5.25	56158.26	56158.26172	56162.82736	56162.82813	503700.4	5410395.5
T10400.0	503699.0	5410395.4	41843.60156	285.75	0	48.846519	-86.949582	56152.47	56244.7	5.26	56157.73	56157.73047	56162.52588	56162.52734	503699.0	5410395.4
T10400.0	503699.0	5410395.4	41843.69922	285.80	0	48.846519	-86.949582	56151.72	56244.7	5.26	56156.98	56156.98047	56162.16129	56162.16016	503699.0	5410395.4
T10400.0	503697.6	5410395.4	41843.80078	285.15	0	48.846518	-86.949602	56151.61	56244.7	5.26	56156.87	56156.87109	56161.99531	56161.99609	503697.6	5410395.4
T10400.0	503696.1	5410395.4	41843.89844	285.87	0	48.846518	-86.949622	56150.93	56244.7	5.27	56156.20	56156.19922	56161.66329	56161.66406	503696.1	5410395.4
T10400.0	503696.1	5410395.4	41844.00000	286.88	0	48.846518	-86.949622	56150.77	56244.7	5.27	56156.04	56156.03906	56161.48712	56161.48828	503696.1	5410395.4
T10400.0	503694.7	5410395.3	41844.10156	286.38	0	48.846517	-86.949641	56150.11	56244.7	5.27	56155.38	56155.37891	56161.16638	56161.16797	503694.7	5410395.3
T10400.0	503693.5	5410395.3	41844.19922	286.22	0	48.846517	-86.949658	56149.66	56244.7	5.27	56154.94	56154.94141	56160.91434	56160.91406	503693.5	5410395.3
T10400.0	503693.5	5410395.3	41844.30078	285.05	0	48.846517	-86.949658	56149.21	56244.7	5.27	56154.48	56154.48047	56160.65943	56160.66016	503693.5	5410395.3
T10400.0	503691.6	5410395.2	41844.39844	285.35	0	48.846517	-86.949683	56149.11	56244.7	5.27	56154.38	56154.37891	56160.50833	56160.50781	503691.6	5410395.2
T10400.0	503689.9	5410395.1	41844.39844	285.35	0	48.846516	-86.949706	56148.72	56244.7	5.27	56154.00	56154.00000	56160.28172	56160.28125	503689.9	5410395.1
T10400.0	503688.2	5410395.0	41844.60156	283.94	0	48.846515	-86.949729	56148.27	56244.7	5.28	56153.54	56153.53906	56160.03317	56160.03125	503688.2	5410395.0
T10400.0	503688.2	5410395.0	41844.69922	282.91	0	48.846515	-86.949729	56148.34	56244.7	5.28	56153.62	56153.62109	56159.92640	56159.92578	503688.2	5410395.0
T10400.0	503687.0	5410395.0	41844.80078	281.60	0	48.846514	-86.949745	56148.06	56244.7	5.28	56153.34	56153.33984	56159.71438	56159.71484	503687.0	5410395.0
T10400.0	503685.3	5410394.9	41844.89844	281.13	0	48.846514	-86.949769	56148.09	56244.7	5.28	56153.36	56153.35938	56159.57143	56159.57031	503685.3	5410394.9
T10400.0	503683.6	5410394.8	41845.00000	282.54	0	48.846513	-86.949792	56147.36	56244.7	5.28	56152.64	56152.64063	56159.21950	56159.21875	503683.6	5410394.8
T10400.0	503683.6	5410394.8	41845.10156	283.51	0	48.846513	-86.949792	56147.13	56244.7	5.28	56152.40	56152.39844	56158.97735	56158.97656	503683.6	5410394.8
T10400.0	503681.9	5410394.7	41845.19922	283.84	0	48.846512	-86.949815	56146.07	56244.7	5.28	56151.34	56151.33984	56158.49327	56158.49219	503681.9	5410394.7
T10400.0	503680.5	5410394.6	41845.30078	284.09	0	48.846511	-86.949834	56145.92	56244.7	5.27	56151.19	56151.19141	56158.22825	56158.22656	503680.5	5410394.6
T10400.0	503680.5	5410394.6	41845.39844	284.52	0	48.846511	-86.949834	56144.93	56244.7	5.27	56150.20	56150.19922	56157.70016	56157.69922	503680.5	5410394.6
T10400.0	503678.8	5410394.6	41845.50000	284.92	0	48.846511	-86.949858	56144.45	56244.7	5.27	56149.72	56149.71875	56157.28368	56157.28516	503678.8	5410394.6
T10400.0	503678.8	5410394.6	41845.60156	284.11	0	48.846511	-86.949858	56144.19	56244.7	5.27	56149.46	56149.46094	56156.90863	56156.91016	503678.8	5410394.6
T10400.0	503677.4	5410394.5	41845.69922	284.40	0	48.846511	-86.949876	56143.87	56244.7	5.27	56149.14	56149.14063	56156.49555	56156.49609	503677.4	5410394.5
T10400.0	503675.8	5410394.5	41845.80078	284.13	0	48.846510	-86.949899	56144.07	56244.7	5.26	56149.34	56149.33984	56156.24410	56156.24219	503675.8	5410394.5
T10400.0	503674.3	5410394.4	41845.89844	283.64	0	48.846510	-86.949919	56143.76	56244.7	5.26	56149.02	56149.01953	56155.80849	56155.80859	503674.3	5410394.4
T10400.0	503672.8	5410394.4	41846.00000	285.23	0	48.846509	-86.949940	56144.07	56244.7	5.26	56149.33	56149.32813	56155.60158	56155.60156	503672.8	5410394.4
T10400.0	503672.8	5410394.4	41846.10156	284.21	0	48.846509	-86.949940	56144.29	56244.7	5.26	56149.55	56149.55078	56155.37435	56155.37500	503672.8	5410394.4
T10400.0	503671.2	5410394.4	41846.19922	284.71	0	48.846509	-86.949962	56144.50	56244.7	5.26	56149.76	56149.76172	56155.15810	56155.15625	503671.2	5410394.4
T10400.0	503669.8	5410394.4	41846.30078	285.39	0	48.846509	-86.949981	56144.04	56244.7	5.26	56149.30	56149.30078	56154.28564	56154.28516	503669.8	5410394.4
T10400.0	503668.3	5410394.4	41846.39844	292.05	0	48.846509	-86.950001	56143.64	56244.7	5.26	56148.90	56148.89844	56153.92253	56153.92188	503668.3	5410394.4
T10400.0	503668.3	5410394.4	41846.39844	292.05	0	48.846509	-86.950001	56142.73	56244.7	5.26	56147.99	56147.98828	56153.66372	56153.66406	503668.3	5410394.4
T10400.0	503666.6	5410394.3	41846.50000	292.59	0	48.846509	-86.950024	56141.65	56244.7	5.26	56146.91	56146.91016	56153.38466	56153.38281	503666.6	5410394.3
T10400.0	503665.0	5410394.3	41846.69922	290.99	0	48.846509	-86.950046	56141.34	56244.7	5.26	56146.60	56146.60156	56152.93636	56152.93750	503665.0	5410394.3
T10400.0	503663.8	5410394.3	41846.80078	289.85	0	48.846508	-86.950063	56140.91	56244.7	5.26	56146.17	56146.17188	56152.50391	56152.50391	503663.8	5410394.3
T10400.0	503663.8	5410394.3	41846.89844	291.58	0	48.846508	-86.950063	56141.38	56244.7	5.26	56146.64	56146.64063	56152.01426	56152.01563	503663.8	5410394.3
T10400.0	503662.1	5410394.3	41847.00000	291.34	0	48.846508	-86.950086	56141.02	56244.7	5.26	56146.28	56146.28125	56151.60771	56151.60938	503662.1	5410394.3
T10400.0	503660.6	5410394.2	41847.10156	290.95	0	48.846508	-86.950105	56140.98	56244.7	5.26	56146.24	56146.23828	56151.20827	56151.20703	503660.6	5410394.2
T10400.0	503659.3	5410394.2	41847.19922	290.40	0	48.846508	-86.950124	56140.40	56244.7	5.26	56145.66	56145.66016	56150.80689	56150.80859	503659.3	5410394.2
T10400.0	503657.9	5410394.2	41847.30078	288.59	0	48.846508	-86.950143	56140.57	56244.7	5.26	56145.83	56145.82813	56150.45488	56150.45313	503657.9	5410394.2
T10400.0	503657.9	5410394.2	41847.39844	289.96	0	48.846508	-86.950143	56140.30	56244.7	5.26	56145.57	56145.57031	56150.09007	56150.08984	503657.9	5410394.2
T10400.0	503655.9	5410394.2	41847.50000	290.13	0	48.846508	-86.950169	56140.22	56244.7	5.26	56145.49	56145.48828	56149.76238	56149.76172	503655.9	5410394.2
T10400.0	503654.5	5410394.2	41847.60156	289.57	0	48.846508	-86.950188	56140.30	56244.7	5.27	56145.57	56145.57031	56149.47866	56149.48047	503654.5	5410394.2
T10400.0	503653.1	5410394.2	41847.69922	290.53	0	48.846508	-86.950208	56140.10	56244.7	5.27	56145.36	56145.35938	56149.16187	56149.16016	503653.1	5410394.2
T10400.0	503653.1	5410394.2	41847.80078	290.20	0	48.846508	-86.950208	56140.38	56244.7	5.27	56145.65	56145.64844	56148.96136	56148.96094	503653.1	5410394.2
T10400.0	503651.4	5410394.2	41847.89844	290.38	0	48.846508	-86.950232	56139.36	56244.7	5.27	56144.63	56144.62891	56148.47319	56148.47266	503651.4	5410394.2
T10400.0	503649.9	5410394.2	41848.00000	291.30	0	48.846508	-86.950252	56139.46	56244.7	5.27	56144.73	56144.73047	56148.24828	56148.25000	503649.9	5410394.2
T10400.0	503649.9	5410394.2	41848.10156	292.52	0	48.846508	-86.950252	56138.96	56244.7	5.27	56144.23	56144.23047	56147.86933	56147.87109	503649.9	5410394.2
T10400.0	503648.2	5410394.2	41848.19922	292.81	0	48.846508	-86.950274	56139.39	56244.7	5.27	56144.65	56144.64844	56147.75940	56147.75781	503648.2	5410394.2
T10400.0	503648.2	5410394.2	41848.30078	292.44	0	48.846508	-86.950274	56139.08	56244.7	5.26	56144.35	56144.35156	56147.44186	56147.44141	503648.2	5410394.2
T10400.0	503646.8	5410394.2	41848.39844	293.47	0	48.846508	-86.950294	56138.82	56244.7	5.26	56144.08	56144.07813	56147.13303	56147.13281	503646.8	5410394.2
T10400.0	503645.1	5410394.2	41848.39844	293.47	0	48.846508	-86.950317	56138.07	56244.7	5.26	56143.33	56143.32813	56146.65170	56146.65234	503645.1	5410394.2
T10400.0	503643.6	5410394.2	41848.60156	293.26	0	48.846508	-86.950337	56137.92	56244.7	5.26	56143.18	56143.17969	56146.38691	56146.38672	503643.6	5410394.2
T10400.0	503642.2	5410394.2	41848.69922	294.11	0	48.846508	-86.950357	56138.16	56244.7	5.26	56143.41	56143.41016	56146.28496	56146.28516	503642.2	5410394.2
T10400.0	503642.2	5410394.2	41848.80078	294.69	0	48.846508	-86.950357	56137.59	56244.7	5.25	56142.85	56142.85156	56145.88700	56145.88672	503642.2	5410394.2
T10400.0	503640.3	5410394.2	41848.89844	295.01	0	48.846508	-86.950383	56137.85	56244.7	5.25	56143.10	56143.10156	56145.83435	56145.83594	503640.3	5410394.2
T10400.0	503638.8	5410394.2	41849.00000	294.95	0	48.846508	-86.950402	56137.66	56244.8	5.25	56142.91	56142.91016	56145.62071	56145.62109	503638.8	5410394.2
T10400.0	503638.8	5410394.2	41849.10156	294.95	0	48.846508	-86.950402	56137.49	56244.8	5.25	56142.74	56142.73828	56145.43417	56145.43359	503638.8	5410394.2
T10400.0	503637.2	5410394.2	41849.19922	295.58	0	48.846508	-86.950425	56136.76	56244.8	5.25	56142.01	56142.01172	56145.03305	56145.03125	503637.2	5410394.2
T10400.0	503635.8	5410394.1	41849.30078	293.39	0	48.846507	-86.950444	56136.67	56244.8	5.25	56141.92	56141.92188	56144.91809	56144.91797	503635.8	5410394.1
T10400.0	503634.4	5410394.1	41849.39844	293.24	0	48.846507	-86.950462	56136.33	56244.8	5.25	56141.58	56141.57813	56144.71911	56144.71875	503634.4	5410394.1
T10400.0	503634.4	5410394.1	41849.50000	290.17	0	48.846507	-86.950462	56135.82	56244.8	5.25	56141.07	56141.07031	56144.47389	56144.47266	503634.4	5410394.1
T10400.0	503633.1	5410394.1	41849.60156	289.36	0	48.846507	-86.950480	56135.90	56244.8	5.25	56141.15	56141.14844	56144.46702	56144.46875	503633.1	5410394.1
T10400.0	503632.1	5410394.1	41849.69922	289.99	0	48.846507	-86.950494	56135.48	56244.8	5.25	56140.73	56140.73047	56144.28127	56144.28125	503632.1	5410394.1
T10400.0	503630.8	5410394.1	41849.80078	289.45	0	48.846507	-86.950512	56135.83	56244.8	5.25	56141.08	56141.07813	56144.36476	56144.36328	503630.8	5410394.1
T10400.0	503630.8	5410394.1	41849.89844	290.49	0	48.846507	-86.950512	56135.32	56244.8	5.25	56140.57	56140.57031	56144.15450	56144.15625	503630.8	5410394.1
T10400.0	503629.5	5410394.1	41850.00000	291.46	0	48.846507	-86.950530	56135.46	56244.8	5.25	56140.71	56140.71094	56144.14807	56144.14844	503629.5	5410394.1
T10400.0	503628.0	5410394.1	41850.10156	291.32	0	48.846507	-86.950550	56135.12	56244.8	5.25	56140.37	56140.37109	56143.98594	56143.98438	503628.0	5410394.1
T10400.0	503626.6	5410394.1	41850.19922	292.42	0	48.846507	-86.950570	56134.84	56244.8	5.25	56140.09	56140.08984	56143.83384	56143.83203	503626.6	5410394.1
T10400.0	503626.6	5410394.1	41850.30078	291.83	0	48.846507	-86.950570	56134.41	56244.8	5.24	56139.65	56139.64844	56143.62718	56143.62891	503626.6	5410394.1

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
T10400.0	503625.7	5410394.1	41850.39844	291.31	0	48.846507	-86.950581	56133.82	56244.8	5.24	56139.07	56139.07031	56143.37066	56143.37109	503625.7	5410394.1
T10400.0	503625.7	5410394.1	41850.39844	291.31	0	48.846507	-86.950581	56133.57	56244.8	5.24	56138.81	56138.80859	56143.18299	56143.18359	503625.7	5410394.1
T10400.0	503624.1	5410394.1	41850.60156	291.09	0	48.846507	-86.950604	56133.30	56244.8	5.24	56138.54	56138.53906	56142.97610	56142.97656	503624.1	5410394.1
T10400.0	503623.0	5410394.1	41850.69922	288.32	0	48.846507	-86.950618	56133.52	56244.8	5.24	56138.76	56138.76172	56142.88286	56142.88281	503623.0	5410394.1
T10400.0	503621.5	5410394.1	41850.80078	288.55	0	48.846507	-86.950638	56133.32	56244.8	5.23	56138.55	56138.55078	56142.66682	56142.66797	503621.5	5410394.1
T10400.0	503620.5	5410394.1	41850.89844	288.31	0	48.846507	-86.950652	56133.10	56244.8	5.23	56138.33	56138.32813	56142.44002	56142.44141	503620.5	5410394.1
T10400.0	503620.5	5410394.1	41851.00000	288.47	0	48.846507	-86.950652	56132.53	56244.8	5.23	56137.76	56137.76172	56142.10744	56142.10938	503620.5	5410394.1
T10400.0	503619.0	5410394.1	41851.10156	289.44	0	48.846507	-86.950673	56132.39	56244.8	5.23	56137.62	56137.62109	56141.89320	56141.89453	503619.0	5410394.1
T10400.0	503618.2	5410394.1	41851.19922	290.33	0	48.846507	-86.950684	56132.61	56244.8	5.23	56137.84	56137.83984	56141.79019	56141.78906	503618.2	5410394.1
T10400.0	503618.2	5410394.1	41851.30078	292.51	0	48.846507	-86.950684	56132.62	56244.8	5.24	56137.85	56137.85156	56141.63144	56141.63281	503618.2	5410394.1
T10400.0	503617.1	5410394.0	41851.39844	293.08	0	48.846507	-86.950699	56132.16	56244.8	5.24	56137.40	56137.39844	56141.33188	56141.33203	503617.1	5410394.0
T10400.0	503616.0	5410394.0	41851.50000	294.74	0	48.846507	-86.950714	56131.88	56244.8	5.24	56137.12	56137.12109	56141.09135	56141.08984	503616.0	5410394.0
T10400.0	503616.0	5410394.0	41851.60156	295.79	0	48.846507	-86.950714	56131.70	56244.8	5.24	56136.94	56136.94141	56140.89162	56140.89063	503616.0	5410394.0
T10400.0	503614.7	5410394.0	41851.69922	293.95	0	48.846506	-86.950731	56131.09	56244.8	5.24	56136.34	56136.33984	56140.55642	56140.55469	503614.7	5410394.0
T10400.0	503613.5	5410394.0	41851.80078	293.56	0	48.846507	-86.950748	56131.24	56244.8	5.25	56136.49	56136.48828	56140.49221	56140.49219	503613.5	5410394.0
T10400.0	503612.3	5410394.0	41851.89844	295.65	0	48.846506	-86.950764	56131.22	56244.8	5.25	56136.47	56136.46875	56140.38386	56140.38281	503612.3	5410394.0
T10400.0	503612.3	5410394.0	41852.00000	296.11	0	48.846506	-86.950764	56131.02	56244.8	5.25	56136.27	56136.26953	56140.22675	56140.22656	503612.3	5410394.0
T10400.0	503611.0	5410394.0	41852.10156	294.02	0	48.846506	-86.950782	56131.04	56244.8	5.25	56136.29	56136.28906	56140.16192	56140.16016	503611.0	5410394.0
T10400.0	503610.0	5410394.0	41852.19922	293.00	0	48.846506	-86.950796	56131.29	56244.8	5.25	56136.54	56136.53906	56140.18982	56140.19141	503610.0	5410394.0
T10400.0	503609.0	5410394.0	41852.30078	292.22	0	48.846506	-86.950809	56131.55	56244.8	5.25	56136.79	56136.78906	56140.22592	56140.22656	503609.0	5410394.0
T10400.0	503607.9	5410394.0	41852.39844	291.88	0	48.846506	-86.950824	56130.97	56244.8	5.25	56136.22	56136.21875	56139.99345	56139.99219	503607.9	5410394.0
T10400.0	503607.9	5410394.0	41852.39844	291.88	0	48.846506	-86.950824	56130.46	56244.8	5.25	56135.70	56135.69922	56139.79459	56139.79297	503607.9	5410394.0
T10400.0	503606.7	5410394.0	41852.60156	292.20	0	48.846506	-86.950840	56130.33	56244.8	5.24	56135.58	56135.57813	56139.73588	56139.73438	503606.7	5410394.0
T10400.0	503605.9	5410394.0	41852.69922	283.26	0	48.846506	-86.950851	56130.49	56244.8	5.24	56135.73	56135.73047	56139.76289	56139.76172	503605.9	5410394.0
T10400.0	503604.9	5410394.0	41852.80078	283.12	0	48.846506	-86.950864	56130.20	56244.8	5.24	56135.45	56135.44922	56139.65792	56139.65625	503604.9	5410394.0
T10400.0	503604.9	5410394.0	41852.89844	290.50	0	48.846506	-86.950864	56130.20	56244.8	5.24	56135.44	56135.44141	56139.63128	56139.63281	503604.9	5410394.0
T10400.0	503604.2	5410394.0	41853.00000	291.95	0	48.846506	-86.950875	56129.84	56244.8	5.24	56135.08	56135.07813	56139.50286	56139.50391	503604.2	5410394.0
T10400.0	503603.2	5410394.0	41853.10156	291.19	0	48.846506	-86.950889	56129.70	56244.8	5.24	56134.95	56134.94922	56139.43568	56139.43750	503603.2	5410394.0
T10400.0	503602.3	5410394.0	41853.19922	292.36	0	48.846506	-86.950901	56130.18	56244.8	5.24	56135.42	56135.42188	56139.51912	56139.51953	503602.3	5410394.0
T10400.0	503602.3	5410394.0	41853.30078	291.59	0	48.846506	-86.950901	56130.04	56244.8	5.25	56135.28	56135.28125	56139.42944	56139.42969	503602.3	5410394.0
T10400.0	503601.2	5410394.0	41853.39844	290.48	0	48.846506	-86.950915	56129.59	56244.8	5.25	56134.84	56134.83984	56139.25232	56139.25391	503601.2	5410394.0
T10400.0	503600.3	5410394.0	41853.50000	290.38	0	48.846506	-86.950927	56129.38	56244.8	5.25	56134.63	56134.62891	56139.12630	56139.12500	503600.3	5410394.0
T10400.0	503599.1	5410393.9	41853.60156	291.57	0	48.846506	-86.950943	56129.66	56244.7	5.25	56134.91	56134.91016	56139.11970	56139.12109	503599.1	5410393.9
T10400.0	503599.1	5410393.9	41853.69922	286.11	0	48.846506	-86.950943	56129.32	56244.7	5.25	56134.57	56134.57031	56138.94736	56138.94922	503599.1	5410393.9
T10400.0	503598.5	5410393.9	41853.80078	286.20	0	48.846506	-86.950952	56129.07	56244.7	5.26	56134.33	56134.32813	56138.79709	56138.79688	503598.5	5410393.9
T10400.0	503597.4	5410393.9	41853.89844	295.89	0	48.846505	-86.950967	56129.15	56244.7	5.26	56134.41	56134.41016	56138.73062	56138.73047	503597.4	5410393.9
T10400.0	503596.6	5410393.9	41854.00000	289.26	0	48.846505	-86.950978	56129.48	56244.7	5.26	56134.74	56134.73828	56138.73381	56138.73438	503596.6	5410393.9
T10400.0	503596.6	5410393.9	41854.10156	289.95	0	48.846505	-86.950978	56129.39	56244.7	5.26	56134.65	56134.64844	56138.63115	56138.63281	503596.6	5410393.9
T10400.0	503595.3	5410393.9	41854.19922	294.00	0	48.846505	-86.950996	56129.18	56244.7	5.26	56134.43	56134.42969	56138.50063	56138.50000	503595.3	5410393.9
T10400.0	503594.5	5410393.8	41854.30078	292.71	0	48.846505	-86.951007	56128.94	56244.7	5.26	56134.20	56134.19922	56138.37687	56138.37500	503594.5	5410393.8
T10400.0	503594.5	5410393.8	41854.39844	292.90	0	48.846505	-86.951007	56128.26	56244.7	5.26	56133.51	56133.51172	56138.14551	56138.14453	503594.5	5410393.8
T10400.0	503593.7	5410393.8	41854.39844	292.90	0	48.846505	-86.951018	56128.34	56244.7	5.26	56133.59	56133.58984	56138.13151	56138.13281	503593.7	5410393.8
T10400.0	503592.8	5410393.8	41854.60156	291.45	0	48.846504	-86.951030	56128.44	56244.7	5.25	56133.69	56133.69141	56138.13641	56138.13672	503592.8	5410393.8
T10400.0	503592.8	5410393.8	41854.69922	292.81	0	48.846504	-86.951030	56128.66	56244.7	5.25	56133.92	56133.92188	56138.18524	56138.18359	503592.8	5410393.8
T10400.0	503591.7	5410393.7	41854.80078	293.12	0	48.846504	-86.951045	56127.96	56244.7	5.25	56133.21	56133.21094	56138.03592	56138.03516	503591.7	5410393.7
T10400.0	503591.0	5410393.7	41854.89844	292.70	0	48.846504	-86.951054	56127.68	56244.7	5.25	56132.93	56132.92969	56138.01469	56138.01563	503591.0	5410393.7
T10400.0	503591.0	5410393.7	41855.00000	291.77	0	48.846504	-86.951054	56127.70	56244.8	5.25	56132.95	56132.94922	56138.07737	56138.07813	503591.0	5410393.7
T10400.0	503590.0	5410393.7	41855.10156	291.58	0	48.846504	-86.951068	56128.04	56244.8	5.25	56133.29	56133.28906	56138.20791	56138.20703	503590.0	5410393.7
T10400.0	503589.3	5410393.7	41855.19922	291.14	0	48.846503	-86.951078	56128.23	56244.8	5.25	56133.48	56133.48047	56138.31783	56138.31641	503589.3	5410393.7
T10400.0	503588.5	5410393.7	41855.30078	292.64	0	48.846503	-86.951088	56127.75	56244.8	5.24	56132.99	56132.98828	56138.36468	56138.36328	503588.5	5410393.7
T10400.0	503587.8	5410393.7	41855.39844	291.26	0	48.846503	-86.951098	56127.42	56244.8	5.24	56132.66	56132.66016	56138.46612	56138.46484	503587.8	5410393.7
T10400.0	503587.8	5410393.7	41855.50000	291.26	0	48.846503	-86.951098	56127.07	56244.8	5.24	56132.31	56132.30859	56138.60120	56138.60156	503587.8	5410393.7
T10400.0	503587.1	5410393.7	41855.60156	290.84	0	48.846503	-86.951108	56126.92	56244.8	5.24	56132.16	56132.16016	56138.77030	56138.76953	503587.1	5410393.7
T10400.0	503586.4	5410393.7	41855.69922	291.13	0	48.846503	-86.951117	56126.51	56244.8	5.24	56131.74	56131.73828	56138.96826	56138.96875	503586.4	5410393.7
T10400.0	503585.7	5410393.6	41855.80078	291.90	0	48.846503	-86.951127	56126.77	56244.8	5.23	56132.00	56132.00000	56139.13765	56139.13672	503585.7	5410393.6
T10400.0	503585.7	5410393.6	41855.89844	284.61	0	48.846503	-86.951127	56127.37	56244.8	5.23	56132.60	56132.60156	56139.23651	56139.23828	503585.7	5410393.6
T10400.0	503584.4	5410393.6	41856.00000	284.90	0	48.846503	-86.951144	56127.56	56244.8	5.23	56132.79	56132.78906	56139.34674	56139.34766	503584.4	5410393.6
T10400.0	503584.4	5410393.6	41856.10156	292.43	0	48.846503	-86.951144	56126.96	56244.8	5.23	56132.19	56132.19141	56139.58418	56139.58594	503584.4	5410393.6
T10400.0	503583.6	5410393.6	41856.19922	285.51	0	48.846503	-86.951155	56126.67	56244.8	5.23	56131.90	56131.89844	56139.76601	56139.76563	503583.6	5410393.6
T10400.0	503583.6	5410393.6	41856.30078	286.58	0	48.846503	-86.951155	56126.70	56244.8	5.23	56131.92	56131.92188	56139.85446	56139.85547	503583.6	5410393.6
T10400.0	503583.0	5410393.6	41856.39844	287.01	0	48.846503	-86.951164	56126.43	56244.8	5.23	56131.66	56131.66016	56139.98455	56139.98438	503583.0	5410393.6
T10400.0	503582.0	5410393.7	41856.39844	287.01	0	48.846503	-86.951176	56126.42	56244.8	5.23	56131.64	56131.64063	56140.01483	56140.01563	503582.0	5410393.7
T10400.0	503581.4	5410393.7	41856.50000	289.86	0	48.846503	-86.951184	56126.46	56244.8	5.22	56131.69	56131.69141	56139.98736	56139.98828	503581.4	5410393.7
T10400.0	503581.4	5410393.7	41856.69922	291.15	0	48.846503	-86.951184	56126.57	56244.8	5.22	56131.79	56131.78906	56139.91218	56139.91406	503581.4	5410393.7
T10400.0	503580.9	5410393.7	41856.80078	284.15	0	48.846503	-86.951192	56126.74	56244.8	5.22	56131.96	56131.96094	56139.78822	56139.78906	503580.9	5410393.7
T10400.0	503580.3	5410393.7	41856.89844	284.09	0	48.846503	-86.951200	56126.92	56244.8	5.22	56132.14	56132.14063	56139.64178	56139.64063	503580.3	5410393.7
T10400.0	503580.3	5410393.7	41857.00000	283.35	0	48.846503	-86.951200	56126.66	56244.8	5.22	56131.88	56131.87891	56139.61017	56139.60938	503580.3	5410393.7
T10400.0	503579.6	5410393.7	41857.10156	283.42	0	48.846503	-86.951209	56126.57	56244.8	5.22	56131.79	56131.78906	56139.51927	56139.51953	503579.6	5410393.7
T10400.0	503579.0	5410393.7	41857.19922	283.21	0	48.846504	-86.951218	56126.34	56244.8	5.22	56131.56	56131.55859	56139.46343	56139.46484	503579.0	5410393.7
T10400.0	503579.0	5410393.7	41857.30078	285.37	0	48.846504	-86.951218	56126.26	56244.8	5.23	56131.49	56131.48828	56139.36745	56139.36719	503579.0	5410393.7
T10400.0	503578.4	5410393.7	41857.39844	286.33	0	48.846504	-86.951226	56126.19	56244.8	5.23	56131.42	56131.42188	56139.27524	56139.27344	503578.4	5410393.7
T10400.0	503577.8	5410393.7	41857.50000	288.30	0	48.846504	-86.951234	56126.06	56244.8	5.23	56131.29	56131.28906	56139.20160	56139.20313	503577.8	5410393.7
T10400.0	503577.8	5410393.7	41857.60156	289.36	0	48.846504	-86.951234	56126.43	56244.8	5.23	56131.67	56131.67188	56139.01616	56139.01563	503577.8	5410393.7
T10400.0	503577.3	5410393.7	41857.69922	290.17	0	48.846504	-86.951241	56126.88	56244.8	5.23	56132.11	56132.10938	56138.83208	56138.83203	503577.3	5410393.7
T10400.0	503577.3	5410393.7	41857.80078	291.28	0	48.846504	-86.951241	56126.46	56244.8	5.24	56131.70	56131.69922	56138.85067	56138.85156	503577.3	5410393.7
T10400.0	503576.7	5410393.7	41857.89844	292.02	0	48.846504	-86.951249	56126.09	56244.8	5.24	56131.32	56131.32031	56138.87147	56138.87109	503576.7	5410393.7
T10400.0	503576.3	5410393.7	41858.00000	291.85	0	48.846504	-86.951254	56125.88	56244.8	5.24	56131.12	56131.12109	56138.86424	56138.86328	503576.3	5410393.7
T10400.0	503575.9	5410393.7	41858.10156	290.48	0	48.846504	-86.951261	56125.77	56244.8	5.24	56131.01	56131.01172	56138.85152	56138.85156	503575.9	5410393.7
T10400.0	503575.9	5410393.7	41858.19922	290.28	0	48.846504	-86.951261	56125.79	56244.8	5.24	56131.03	56131.03125	56138.82551	56138.82422	503575.9	5410393.7
T10400.0	503575.4	5410393.7	41858.30078	289.52	0	48.846504	-86.951267	56126.03	56244.8	5.24	56131.27	56131.26953	56138.76506	56138.76563	503575.4	5410393.7
T10400.0	503575.1	5410393.7	41858.39844	287.96	0	48.846504	-86.951271	56125.81	56244.8	5.24	56131.05	56131.05078	56138.82196	56138.82031	503575.1	5410393.7
T10400.0	503574.8	5410393.8	41858.39844	287.96	0	48.846504	-86.951276	56126.01	56244.8	5.24	56131.25	56131.25000	56138.79191	56138.79297	503574.8	5410393.8
T10400.0	503574.8	5410393.8	41858.60156	286.17	0	48.846504	-86.951276	56125.98	56244.8	5.24	56131.22	56131.21875	56138.82761	56138.82813	503574.8	5410393.8
T10400.0	503574.4	5410393.8	41858.69922	285.22	0	48.846504	-86.951280	56126.29	56244.8	5.24	56131.53	56131.53125	56138.78087	56138.78125	503574.4	5410393.8
T10400.0	503574.1	5410393.8	41858.80078	283.56	0	48.846504	-86.951285	56125.88	56244.8	5.24	56131.12	56131.12109	56138.93399	56138.93359	503574.1	5410393.8
T10400.0	503573.7	5410393.8	41858.89844	285.51	0	48.846504	-86.951290	56125.76	56244.8	5.24	56131.00	56131.00000	56139.01526	56139.01563	503573.7	5410393.8
T10400.0	503573.7	5410393.8	41859.00000	286.57	0	48.846504	-86.951290	56125.48	56244.8	5.24	56130.72	56130.71875	56139.14976	56139.14844	503573.7	5410393.8
T10400.0	503573.4	5410393.8	41859.10156	287.11	0	48.846505	-86.951294	56125.07	56244.8	5.24	56130.31	56130.30859	56139.32979	56139.32813	503573.4	5410393.8
T10400.0	503573.2	5410393.8	41859.19922	289.51	0	48.846505	-86.951297	56125.45	56244.8	5.24	56130.69	56130.69141	56138.87853	56138.87891	503573.2	5410393.8
T10400.0	503572.9	5410393.8	41859.30078	288.35	0	48.846505	-86.951301	56125.48	56244.8	5.24	56130.73	56130.73047	56138.94325	56138.94141	503572.9	5410393.8
T10400.0	503572.6	5410393.8	41859.39844	289.06	0	48.846505	-86.951305	56125.61	56244.8	5.24	56130.85	56130.85156	56139.02404	56139.02344	503572.6	5410393.8
T10400.0	503572.6	5410393.8	41859.50000	289.40	0	48.846505	-86.951305	56125.53	56244.8	5.24	56130.77	56130.76953	56138.99999	56139.00000	503572.6	5410393.8
T10400.0	503572.4	5410393.9	41859.60156	288.70	0	48.846505	-86.951308	56125.45	56244.8	5.25	56130.70	56130.69922	56138.96056	56138.96094	503572.4	5410393.9

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
T10400.0	503572.4	5410393.9	41859.69922	289.50	0	48.846505	-86.951308	56125.61	56244.8	5.25	56130.85	56130.85156	56138.99785	56138.99609	503572.4	5410393.9
T10400.0	503572.2	5410393.9	41859.80078	286.64	0	48.846505	-86.951310	56125.56	56244.8	5.25	56130.80	56130.80078	56138.93775	56138.93750	503572.2	5410393.9
T10400.0	503572.0	5410393.9	41859.89844	287.39	0	48.846505	-86.951313	56125.27	56244.8	5.25	56130.52	56130.51953	56138.77052	56138.76953	503572.0	5410393.9
T10400.0	503571.9	5410393.9	41860.00000	286.67	0	48.846505	-86.951314	56125.32	56244.8	5.25	56130.57	56130.57031	56139.04463	56139.04297	503571.9	5410393.9
T10400.0	503571.9	5410393.9	41860.10156	287.32	0	48.846505	-86.951314	56125.15	56244.8	5.25	56130.40	56130.39844	56139.03569	56139.03516	503571.9	5410393.9
T10400.0	503571.9	5410393.9	41860.19922	289.33	0	48.846505	-86.951315	56124.95	56244.8	5.25	56130.20	56130.19922	56139.04329	56139.04297	503571.9	5410393.9
T10400.0	503571.9	5410393.9	41860.30078	288.45	0	48.846505	-86.951315	56125.02	56244.8	5.25	56130.27	56130.26953	56138.97989	56138.98047	503571.9	5410393.9
T10400.0	503571.8	5410393.9	41860.39844	290.12	0	48.846505	-86.951316	56125.13	56244.8	5.25	56130.38	56130.37891	56138.91499	56138.91406	503571.8	5410393.9
T10400.0	503571.8	5410393.9	41860.39844	290.12	0	48.846505	-86.951316	56125.53	56244.8	5.25	56130.78	56130.78125	56138.77165	56138.77344	503571.8	5410393.9
T10400.0	503571.8	5410393.9	41860.60156	287.56	0	48.846505	-86.951316	56125.61	56244.8	5.25	56130.86	56130.85938	56138.73216	56138.73047	503571.8	5410393.9
T10400.0	503571.8	5410393.9	41860.69922	287.00	0	48.846505	-86.951316	56125.43	56244.8	5.25	56130.68	56130.67969	56138.77539	56138.77344	503571.8	5410393.9
T10400.0	503571.8	5410393.9	41860.80078	286.09	0	48.846505	-86.951316	56125.59	56244.8	5.25	56130.84	56130.83984	56138.72126	56138.72266	503571.8	5410393.9
T10400.0	503571.8	5410393.9	41860.89844	286.44	0	48.846505	-86.951316	56125.58	56244.8	5.25	56130.83	56130.82813	56138.71912	56138.71875	503571.8	5410393.9
T10400.0	503571.8	5410393.9	41861.00000	287.65	0	48.846505	-86.951316	56125.35	56244.8	5.25	56130.60	56130.60156	56138.78045	56138.78125	503571.8	5410393.9
T10400.0	503571.8	5410393.9	41861.10156	287.71	0	48.846505	-86.951316	56125.25	56244.8	5.25	56130.50	56130.50000	56138.80100	56138.80078	503571.8	5410393.9
T10400.0	503571.8	5410393.8	41861.19922	287.34	0	48.846505	-86.951316	56124.87	56244.8	5.25	56130.11	56130.10938	56138.90223	56138.90234	503571.8	5410393.8
T10400.0	503571.8	5410393.8	41861.30078	288.83	0	48.846505	-86.951315	56124.72	56244.8	5.25	56129.97	56129.96875	56138.92581	56138.92578	503571.8	5410393.8
T10400.0	503571.9	5410393.8	41861.39844	286.76	0	48.846505	-86.951315	56124.62	56244.8	5.25	56129.86	56129.85938	56138.93507	56138.93359	503571.9	5410393.8
T10400.0	503571.9	5410393.8	41861.50000	285.86	0	48.846505	-86.951315	56124.48	56244.8	5.24	56129.73	56129.73047	56138.94233	56138.94141	503571.9	5410393.8
T10400.0	503572.0	5410393.8	41861.60156	286.15	0	48.846504	-86.951313	56124.70	56244.8	5.24	56129.94	56129.94141	56138.85093	56138.85156	503572.0	5410393.8
T10400.0	503572.0	5410393.8	41861.69922	284.58	0	48.846504	-86.951313	56125.10	56244.8	5.24	56130.34	56130.33984	56138.70903	56138.71094	503572.0	5410393.8
T10400.0	503572.0	5410393.8	41861.80078	287.30	0	48.846504	-86.951313	56125.20	56244.8	5.24	56130.44	56130.44141	56138.64003	56138.64063	503572.0	5410393.8
T10400.0	503572.1	5410393.8	41861.89844	288.24	0	48.846504	-86.951312	56125.30	56244.8	5.24	56130.54	56130.53906	56138.56564	56138.56641	503572.1	5410393.8
T10400.0	503572.2	5410393.7	41862.00000	286.84	0	48.846504	-86.951311	56125.38	56244.8	5.24	56130.61	56130.60938	56138.49236	56138.49219	503572.2	5410393.7
T10400.0	503572.2	5410393.7	41862.10156	287.18	0	48.846504	-86.951311	56125.63	56244.8	5.24	56130.87	56130.87109	56138.37815	56138.37891	503572.2	5410393.7
T10400.0	503572.3	5410393.7	41862.19922	289.15	0	48.846504	-86.951309	56125.56	56244.8	5.24	56130.80	56130.80078	56138.32092	56138.32031	503572.3	5410393.7
T10400.0	503572.4	5410393.7	41862.30078	290.07	0	48.846504	-86.951308	56125.32	56244.8	5.24	56130.56	56130.55859	56138.27691	56138.27734	503572.4	5410393.7
T10400.0	503572.5	5410393.7	41862.39844	289.65	0	48.846503	-86.951306	56125.45	56244.8	5.24	56130.69	56130.69141	56138.16826	56138.16797	503572.5	5410393.7
T10400.0	503572.5	5410393.7	41862.39844	289.65	0	48.846503	-86.951306	56125.70	56244.8	5.24	56130.94	56130.94141	56138.04507	56138.04688	503572.5	5410393.7
T10400.0	503572.7	5410393.7	41862.60156	289.22	0	48.846503	-86.951304	56125.91	56244.8	5.24	56131.15	56131.14844	56137.92820	56137.92969	503572.7	5410393.7
T10400.0	503572.8	5410393.7	41862.69922	293.91	0	48.846503	-86.951303	56126.24	56244.8	5.24	56131.48	56131.48047	56137.80715	56137.80859	503572.8	5410393.7
T10400.0	503572.9	5410393.6	41862.80078	291.05	0	48.846503	-86.951301	56126.36	56244.8	5.24	56131.60	56131.60156	56137.69793	56137.69922	503572.9	5410393.6
T10400.0	503573.0	5410393.6	41862.89844	288.36	0	48.846503	-86.951299	56126.33	56244.8	5.24	56131.57	56131.57031	56137.58366	56137.58203	503573.0	5410393.6
T10400.0	503573.0	5410393.6	41863.00000	291.94	0	48.846503	-86.951299	56126.21	56244.8	5.24	56131.45	56131.44922	56137.45328	56137.45313	503573.0	5410393.6
T10400.0	503573.2	5410393.6	41863.10156	292.44	0	48.846503	-86.951298	56126.26	56244.8	5.24	56131.50	56131.50000	56137.31678	56137.31641	503573.2	5410393.6
T10400.0	503573.3	5410393.6	41863.19922	293.27	0	48.846503	-86.951296	56126.54	56244.8	5.25	56131.79	56131.78906	56137.19694	56137.19531	503573.3	5410393.6
T10400.0	503573.3	5410393.6	41863.30078	291.37	0	48.846503	-86.951296	56126.91	56244.8	5.25	56132.16	56132.16016	56137.09563	56137.09375	503573.3	5410393.6
T10400.0	503573.4	5410393.6	41863.39844	290.08	0	48.846503	-86.951294	56127.10	56244.7	5.25	56132.35	56132.35156	56136.97574	56136.97656	503573.4	5410393.6
T10400.0	503573.5	5410393.6	41863.50000	291.55	0	48.846503	-86.951292	56127.12	56244.7	5.25	56132.38	56132.37891	56136.82305	56136.82422	503573.5	5410393.6
T10400.0	503573.7	5410393.6	41863.60156	291.44	0	48.846503	-86.951291	56126.57	56244.7	5.26	56131.82	56131.82031	56136.51159	56136.51172	503573.7	5410393.6
T10400.0	503573.7	5410393.6	41863.69922	290.76	0	48.846503	-86.951291	56126.44	56244.7	5.26	56131.70	56131.69922	56136.27096	56136.26953	503573.7	5410393.6
T10400.0	503573.8	5410393.6	41863.80078	291.49	0	48.846503	-86.951288	56126.32	56244.7	5.26	56131.58	56131.57813	56136.00634	56136.00781	503573.8	5410393.6
T10400.0	503574.0	5410393.7	41863.89844	291.67	0	48.846503	-86.951286	56126.64	56244.7	5.27	56131.90	56131.89844	56135.88180	56135.88281	503574.0	5410393.7
T10400.0	503574.2	5410393.7	41864.00000	291.38	0	48.846503	-86.951284	56126.92	56244.7	5.27	56132.19	56132.19141	56135.75803	56135.75781	503574.2	5410393.7
T10400.0	503574.2	5410393.7	41864.10156	292.93	0	48.846503	-86.951284	56126.94	56244.7	5.27	56132.21	56132.21094	56135.52132	56135.51953	503574.2	5410393.7
T10400.0	503574.3	5410393.7	41864.19922	293.56	0	48.846504	-86.951282	56126.95	56244.7	5.27	56132.22	56132.21875	56135.27076	56135.26953	503574.3	5410393.7
T10400.0	503574.4	5410393.7	41864.30078	293.65	0	48.846504	-86.951280	56127.47	56244.7	5.27	56132.75	56132.75000	56135.30359	56135.30469	503574.4	5410393.7
T10400.0	503574.4	5410393.7	41864.39844	296.09	0	48.846504	-86.951280	56127.84	56244.7	5.27	56133.11	56133.10938	56135.27760	56135.27734	503574.4	5410393.7
T10400.0	503574.6	5410393.7	41864.39844	296.09	0	48.846504	-86.951278	56127.68	56244.7	5.27	56132.95	56132.94922	56134.94309	56134.94141	503574.6	5410393.7
T10400.0	503574.8	5410393.7	41864.60156	295.60	0	48.846504	-86.951275	56127.42	56244.7	5.28	56132.70	56132.69922	56134.53036	56134.53125	503574.8	5410393.7
T10400.0	503575.0	5410393.7	41864.69922	293.39	0	48.846504	-86.951273	56127.40	56244.7	5.28	56132.68	56132.67969	56134.45024	56134.44922	503575.0	5410393.7
T10400.0	503575.0	5410393.7	41864.80078	294.43	0	48.846504	-86.951273	56127.57	56244.7	5.28	56132.85	56132.85156	56134.13303	56134.13281	503575.0	5410393.7
T10400.0	503575.2	5410393.7	41864.89844	296.35	0	48.846504	-86.951270	56127.64	56244.7	5.28	56132.92	56132.92188	56133.92362	56133.92188	503575.2	5410393.7
T10400.0	503575.3	5410393.7	41865.00000	295.57	0	48.846504	-86.951268	56127.57	56244.7	5.28	56132.85	56132.85156	56133.72083	56133.72266	503575.3	5410393.7
T10400.0	503575.3	5410393.7	41865.10156	296.19	0	48.846504	-86.951268	56127.55	56244.7	5.28	56132.83	56132.82813	56133.48374	56133.48438	503575.3	5410393.7
T10400.0	503575.5	5410393.7	41865.19922	297.30	0	48.846504	-86.951265	56127.40	56244.7	5.28	56132.68	56132.67969	56133.17411	56133.17578	503575.5	5410393.7
T10400.0	503575.7	5410393.7	41865.30078	299.52	0	48.846504	-86.951262	56127.52	56244.7	5.28	56132.80	56132.80078	56132.99825	56133.00000	503575.7	5410393.7
T10400.0	503575.7	5410393.7	41865.39844	299.56	0	48.846504	-86.951262	56127.73	56244.7	5.28	56133.01	56133.01172	56133.01000	56133.01172	503575.7	5410393.7
T10400.0	503575.9	5410393.7	41865.50000	299.56	0	48.846503	-86.951260	56128.20	56244.7	5.28	56133.47	56133.46875	56134.16795	56134.16797	503575.9	5410393.7
T10400.0	503576.1	5410393.7	41865.60156	299.38	0	48.846503	-86.951258	56128.28	56244.7	5.28	56133.56	56133.55859	56131.78577	56131.78516	503576.1	5410393.7
T10400.0	503576.1	5410393.7	41865.69922	299.66	0	48.846503	-86.951258	56128.46	56244.7	5.28	56133.74	56133.73828	56134.94272	56134.94141	503576.1	5410393.7
T10400.0	503576.2	5410393.7	41865.80078	298.95	0	48.846503	-86.951256	56128.39	56244.7	5.28	56133.67	56133.67188	56130.93981	56130.94141	503576.2	5410393.7
T10400.0	503576.4	5410393.7	41865.89844	297.83	0	48.846504	-86.951253	56128.44	56244.7	5.28	56133.72	56133.71875	56133.41409	56133.41406	503576.4	5410393.7
T10400.0	503576.4	5410393.7	41866.00000	298.27	0	48.846504	-86.951253	56128.54	56244.7	5.28	56133.82	56133.82031	56130.57693	56130.57813	503576.4	5410393.7
T10400.0	503576.5	5410393.7	41866.10156	297.85	0	48.846504	-86.951251	56128.89	56244.7	5.28	56134.17	56134.17188	56133.76333	56133.76172	503576.5	5410393.7
T10400.0	503576.7	5410393.7	41866.19922	298.06	0	48.846504	-86.951250	56129.18	56244.7	5.28	56134.46	56134.46094	56135.36060	56135.35938	503576.7	5410393.7
T10400.0	503576.8	5410393.8	41866.30078	297.72	0	48.846504	-86.951247	56128.89	56244.7	5.28	56134.17	56134.17188	56132.04066	56132.03906	503576.8	5410393.8
T10400.0	503576.8	5410393.8	41866.39844	299.11	0	48.846504	-86.951247	56129.09	56244.7	5.28	56134.37	56134.37109	56132.89369	56132.89453	503576.8	5410393.8
T10400.0	503577.0	5410393.8	41866.39844	299.11	0	48.846504	-86.951245	56129.15	56244.7	5.28	56134.43	56134.42969	56132.43410	56132.43359	503577.0	5410393.8
T10400.0	503577.2	5410393.8	41866.50000	301.37	0	48.846505	-86.951243	56129.07	56244.7	5.28	56134.35	56134.35156	56130.38117	56130.38281	503577.2	5410393.8
T10400.0	503577.2	5410393.8	41866.69922	304.31	0	48.846505	-86.951243	56129.05	56244.7	5.28	56134.33	56134.32813	56128.83889	56128.83984	503577.2	5410393.8
T10400.0	503577.3	5410393.8	41866.80078	303.97	0	48.846505	-86.951241	56129.15	56244.7	5.28	56134.43	56134.42969	56128.64823	56128.64844	503577.3	5410393.8
T10400.0	503577.4	5410393.8	41866.89844	304.16	0	48.846505	-86.951239	56129.44	56244.7	5.28	56134.72	56134.71875	56130.88771	56130.88672	503577.4	5410393.8
T10400.0	503577.4	5410393.8	41867.00000	305.01	0	48.846505	-86.951239	56129.58	56244.7	5.28	56134.86	56134.85938	56131.36986	56131.37109	503577.4	5410393.8
T10400.0	503577.6	5410393.9	41867.10156	304.28	0	48.846505	-86.951236	56129.88	56244.7	5.28	56135.16	56135.16016	56134.12375	56134.12500	503577.6	5410393.9
T10400.0	503577.8	5410393.9	41867.19922	304.16	0	48.846505	-86.951234	56129.64	56244.7	5.28	56134.92	56134.92188	56129.43979	56129.44141	503577.8	5410393.9
T10400.0	503577.9	5410393.9	41867.30078	301.68	0	48.846506	-86.951232	56130.01	56244.7	5.28	56135.29	56135.28906	56133.48624	56133.48438	503577.9	5410393.9
T10400.0	503578.1	5410393.9	41867.39844	303.57	0	48.846506	-86.951230	56129.97	56244.7	5.28	56135.25	56135.25000	56131.62105	56131.62109	503578.1	5410393.9
T10400.0	503578.1	5410393.9	41867.50000	303.68	0	48.846506	-86.951230	56130.06	56244.7	5.28	56135.34	56135.33984	56131.77230	56131.77344	503578.1	5410393.9
T10400.0	503578.3	5410393.9	41867.60156	302.37	0	48.846506	-86.951227	56130.05	56244.7	5.28	56135.33	56135.32813	56130.43487	56130.43359	503578.3	5410393.9
T10400.0	503578.4	5410393.9	41867.69922	298.41	0	48.846506	-86.951225	56129.98	56244.7	5.28	56135.26	56135.26172	56128.23610	56128.23438	503578.4	5410393.9
T10400.0	503578.4	5410393.9	41867.80078	296.73	0	48.846506	-86.951225	56130.18	56244.7	5.28	56135.46	56135.46094	56130.51191	56130.51172	503578.4	5410393.9
T10400.0	503578.6	5410393.9	41867.89844	298.20	0	48.846506	-86.951224	56130.82	56244.7	5.28	56136.10	56136.10156	56139.62923	56139.62891	503578.6	5410393.9
T10400.0	503578.7	5410393.9	41868.00000	298.30	0	48.846506	-86.951222	56130.77	56244.7	5.28	56136.05	56136.05078	56137.87090	56137.87109	503578.7	5410393.9
T10400.0	503578.7	5410393.9	41868.10156	300.45	0	48.846506	-86.951222	56130.48	56244.7	5.28	56135.76	56135.76172	56133.03765	56133.03906	503578.7	5410393.9
T10400.0	503578.9	5410393.9	41868.19922	301.61	0	48.846506	-86.951220	56130.20	56244.7	5.28	56135.49	56135.48828	56129.38737	56129.38672	503578.9	5410393.9
T10400.0	503579.0	5410393.9	41868.30078	303.47	0	48.846506	-86.951218	56130.32	56244.7	5.28	56135.60	56135.60156	56130.85698	56130.85547	503579.0	5410393.9
T10400.0	503579.1	5410394.0	41868.39844	305.62	0	48.846506	-86.951217	56130.41	56244.7	5.28	56135.69	56135.69141	56132.05999	56132.05859	503579.1	5410394.0
T10400.0	503579.1	5410394.0	41868.39844	305.62	0	48.846506	-86.951217	56130.75	56244.7	5.28	56136.03	56136.03125	56136.18555	56136.18750	503579.1	5410394.0
T10400.0	503579.2	5410394.0	41868.60156	304.76	0	48.846506	-86.951215	56131.09	56244.7	5.29	56136.38	56136.37891	56135.28453	56135.28516	503579.2	5410394.0
T10400.0	503579.4	5410394.0	41868.69922	306.74	0	48.846506	-86.951213	56131.14	56244.7	5.29	56136.43	56136.42969	56137.13441	56137.13281	503579.4	5410394.0
T10400.0	503579.4	5410394.0	41868.80078	306.83	0	48.846506	-86.951213	56130.89	56244.7	5.29	56136.18	56136.17969	56136.39995	56136.39844	503579.4	5410394.0
T10400.0	503579.5	5410394.0	41868.89844	305.80	0	48.846506	-86.951211	56130.94	56244.7	5.29	56136.23	56136.23047	56137.03072	56137.03125	503579.5	5410394.0

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
T10400.0	503579.6	5410394.0	41869.00000	280.77	0	48.846506	-86.951210	56130.79	56244.7	5.29	56136.08	56136.07813	56137.76084	56137.76172	503579.6	5410394.0
T10400.0	503579.6	5410394.0	41869.10156	282.40	0	48.846506	-86.951210	56130.95	56244.7	5.29	56136.24	56136.23828	56138.19560	56138.19531	503579.6	5410394.0
T10400.0	503579.7	5410394.0	41869.19922	280.83	0	48.846506	-86.951208	56130.89	56244.7	5.29	56136.18	56136.17969	56138.73225	56138.73047	503579.7	5410394.0
T10400.0	503579.9	5410394.0	41869.30078	282.79	0	48.846506	-86.951206	56131.09	56244.7	5.30	56136.39	56136.39063	56139.38756	56139.38672	503579.9	5410394.0
T10400.0	503580.0	5410394.0	41869.39844	282.43	0	48.846506	-86.951204	56131.40	56244.7	5.30	56136.70	56136.69922	56140.02247	56140.02344	503580.0	5410394.0
T10400.0	503580.1	5410394.0	41869.39844	282.43	0	48.846506	-86.951203	56131.95	56244.7	5.30	56137.25	56137.25000	56140.67218	56140.67188	503580.1	5410394.0
T10400.0	503580.1	5410394.0	41869.60156	310.78	0	48.846506	-86.951203	56132.01	56244.7	5.30	56137.31	56137.30859	56141.05570	56141.05469	503580.1	5410394.0
T10400.0	503580.3	5410393.9	41869.60156	283.58	0	48.846506	-86.951201	56132.20	56244.7	5.30	56137.50	56137.50000	56141.40528	56141.40625	503580.3	5410393.9
T10400.0	503580.5	5410393.9	41869.80078	284.33	0	48.846506	-86.951198	56132.41	56244.7	5.31	56137.72	56137.71875	56141.67075	56141.67188	503580.5	5410393.9
T10400.0	503580.5	5410393.9	41869.80078	288.38	0	48.846506	-86.951198	56132.66	56244.7	5.31	56137.97	56137.96875	56141.84563	56141.84375	503580.5	5410393.9
T10400.0	503580.6	5410393.9	41869.89844	289.63	0	48.846506	-86.951196	56132.78	56244.7	5.31	56138.09	56138.08984	56141.88885	56141.89063	503580.6	5410393.9
T10400.0	503580.6	5410393.9	41870.00000	290.68	0	48.846506	-86.951196	56132.66	56244.7	5.31	56137.97	56137.96875	56141.75925	56141.75781	503580.6	5410393.9
T10400.0	503580.8	5410393.9	41870.10156	290.60	0	48.846506	-86.951193	56132.73	56244.7	5.31	56138.04	56138.03906	56141.56109	56141.56250	503580.8	5410393.9
T10400.0	503580.9	5410393.9	41870.19922	290.29	0	48.846506	-86.951192	56132.84	56244.7	5.31	56138.16	56138.16016	56141.26894	56141.26953	503580.9	5410393.9
T10400.0	503581.1	5410393.9	41870.30078	289.62	0	48.846506	-86.951190	56133.32	56244.7	5.31	56138.63	56138.62891	56141.05384	56141.05469	503581.1	5410393.9
T10400.0	503581.1	5410393.9	41870.39844	289.52	0	48.846506	-86.951190	56133.02	56244.7	5.31	56138.33	56138.32813	56140.34952	56140.34766	503581.1	5410393.9
T10400.0	503581.2	5410393.9	41870.50000	287.57	0	48.846506	-86.951188	56133.26	56244.7	5.31	56138.58	56138.57813	56139.80208	56139.80078	503581.2	5410393.9
T10400.0	503581.3	5410393.9	41870.69922	288.68	0	48.846506	-86.951186	56133.24	56244.7	5.32	56138.55	56138.55078	56139.20259	56139.20313	503581.3	5410393.9
T10400.0	503581.3	5410393.9	41870.80078	287.95	0	48.846506	-86.951186	56133.15	56244.7	5.32	56138.47	56138.46875	56137.38110	56137.38281	503581.3	5410393.9
T10400.0	503581.4	5410394.0	41870.89844	287.86	0	48.846506	-86.951185	56133.75	56244.7	5.32	56139.07	56139.07031	56144.49165	56144.49219	503581.4	5410394.0
T10400.0	503581.5	5410394.0	41871.00000	287.86	0	48.846506	-86.951184	56133.80	56244.7	5.32	56139.12	56139.12109	56138.29675	56138.29688	503581.5	5410394.0
T10400.0	503581.6	5410394.0	41871.10156	314.56	0	48.846506	-86.951183	56134.16	56244.7	5.32	56139.48	56139.48047	56141.28283	56141.28125	503581.6	5410394.0
T10400.0	503581.6	5410394.0	41871.19922	315.20	0	48.846506	-86.951183	56133.88	56244.7	5.32	56139.20	56139.19922	56136.67942	56136.67969	503581.6	5410394.0
T10400.0	503581.6	5410394.0	41871.30078	314.16	0	48.846506	-86.951182	56133.96	56244.7	5.32	56139.28	56139.28125	56136.46847	56136.46875	503581.6	5410394.0
T10400.0	503581.7	5410394.0	41871.39844	313.16	0	48.846506	-86.951181	56133.80	56244.7	5.32	56139.12	56139.12109	56131.40717	56131.40625	503581.7	5410394.0
T10400.0	503581.7	5410394.0	41871.50000	312.62	0	48.846506	-86.951181	56133.90	56244.7	5.32	56139.22	56139.21875	56131.51419	56131.51563	503581.7	5410394.0
T10400.0	503581.8	5410394.0	41871.60156	310.69	0	48.846506	-86.951180	56133.95	56244.7	5.32	56139.27	56139.26953	56130.73478	56130.73438	503581.8	5410394.0
T10400.0	503581.8	5410394.0	41871.69922	309.49	0	48.846506	-86.951179	56133.95	56244.7	5.32	56139.27	56139.26953	56131.69024	56131.69141	503581.8	5410394.0
T10400.0	503581.9	5410394.0	41871.80078	311.94	0	48.846506	-86.951179	56134.11	56244.7	5.32	56139.43	56139.42969	56132.58404	56132.58594	503581.9	5410394.0
T10400.0	503581.9	5410394.0	41871.89844	312.02	0	48.846506	-86.951178	56133.88	56244.7	5.32	56139.20	56139.19922	56127.34010	56127.33984	503581.9	5410394.0
T10400.0	503581.9	5410394.0	41872.00000	312.41	0	48.846506	-86.951178	56134.25	56244.7	5.32	56139.57	56139.57031	56132.21357	56132.21484	503581.9	5410394.0
T10400.0	503581.9	5410393.9	41872.10156	313.33	0	48.846506	-86.951178	56134.58	56244.7	5.32	56139.90	56139.89844	56137.15774	56137.15625	503581.9	5410393.9
T10400.0	503582.0	5410393.9	41872.19922	315.33	0	48.846506	-86.951177	56134.66	56244.7	5.32	56139.98	56139.98047	56137.82041	56137.82031	503582.0	5410393.9
T10400.0	503582.0	5410393.9	41872.30078	314.62	0	48.846506	-86.951177	56134.43	56244.7	5.32	56139.75	56139.75000	56132.21437	56132.21484	503582.0	5410393.9
T10400.0	503582.0	5410393.9	41872.39844	312.07	0	48.846506	-86.951177	56134.43	56244.7	5.32	56139.75	56139.75000	56131.23323	56131.23438	503582.0	5410393.9
T10400.0	503582.0	5410393.9	41872.39844	312.07	0	48.846506	-86.951177	56134.28	56244.7	5.32	56139.60	56139.60156	56126.98473	56126.98438	503582.0	5410393.9
T10400.0	503582.0	5410394.0	41872.60156	313.19	0	48.846506	-86.951177	56134.36	56244.7	5.32	56139.68	56139.67969	56127.91368	56127.91406	503582.0	5410394.0
T10400.0	503582.0	5410394.0	41872.69922	312.27	0	48.846506	-86.951176	56134.54	56244.7	5.32	56139.86	56139.85938	56131.39198	56131.39063	503582.0	5410394.0
T10400.0	503582.1	5410394.0	41872.80078	314.14	0	48.846506	-86.951176	56134.00	56244.7	5.32	56139.32	56139.32031	56117.95292	56117.95313	503582.1	5410394.0
T10400.0	503582.1	5410394.0	41872.89844	315.15	0	48.846506	-86.951176	56133.65	56244.7	5.32	56138.97	56138.96875	56108.85613	56108.85547	503582.1	5410394.0
T10400.0	503582.1	5410394.0	41873.00000	317.41	0	48.846506	-86.951176	56133.68	56244.7	5.32	56139.00	56139.00000	56109.04228	56109.04297	503582.1	5410394.0
T10400.0	503582.1	5410394.0	41873.10156	318.45	0	48.846506	-86.951176	56134.48	56244.7	5.32	56139.80	56139.80078	56128.41168	56128.41016	503582.1	5410394.0
T10400.0	503582.0	5410394.0	41873.19922	320.87	0	48.846507	-86.951176	56134.50	56244.7	5.32	56139.82	56139.82031	56128.80130	56128.80078	503582.0	5410394.0
T10400.0	503582.0	5410394.0	41873.30078	321.44	0	48.846507	-86.951177	56134.96	56244.7	5.32	56140.28	56140.28125	56140.21246	56140.21094	503582.0	5410394.0
T10400.0	503582.0	5410394.0	41873.39844	320.01	0	48.846507	-86.951177	56134.84	56244.7	5.32	56140.16	56140.16016	56137.32750	56137.32813	503582.0	5410394.0
T10400.0	503582.0	5410394.0	41873.50000	318.42	0	48.846507	-86.951177	56134.76	56244.7	5.33	56140.09	56140.08984	56135.75978	56135.76172	503582.0	5410394.0
T10400.0	503581.9	5410394.0	41873.60156	315.98	0	48.846507	-86.951178	56134.54	56244.7	5.33	56139.86	56139.85938	56130.33563	56130.33594	503581.9	5410394.0
T10400.0	503581.8	5410394.1	41873.69922	314.46	0	48.846507	-86.951180	56134.66	56244.7	5.33	56139.99	56139.98828	56133.84347	56133.84375	503581.8	5410394.1
T10400.0	503581.8	5410394.1	41873.80078	312.46	0	48.846507	-86.951180	56134.76	56244.7	5.33	56140.09	56140.08984	56136.63363	56136.63281	503581.8	5410394.1
T10400.0	503581.7	5410394.1	41873.89844	312.77	0	48.846507	-86.951181	56134.61	56244.7	5.33	56139.94	56139.94141	56133.41281	56133.41406	503581.7	5410394.1
T10400.0	503581.5	5410394.1	41874.00000	311.59	0	48.846507	-86.951184	56134.61	56244.7	5.33	56139.94	56139.94141	56133.86895	56133.86719	503581.5	5410394.1
T10400.0	503581.3	5410394.1	41874.10156	312.48	0	48.846507	-86.951187	56134.52	56244.7	5.33	56139.86	56139.85938	56132.46534	56132.46484	503581.3	5410394.1
T10400.0	503581.3	5410394.1	41874.19922	313.55	0	48.846507	-86.951187	56134.54	56244.7	5.33	56139.87	56139.87109	56133.22195	56133.22266	503581.3	5410394.1
T10400.0	503581.1	5410394.0	41874.30078	314.66	0	48.846507	-86.951189	56134.18	56244.7	5.34	56139.52	56139.51953	56125.65215	56125.65234	503581.1	5410394.0
T10400.0	503581.0	5410394.0	41874.39844	314.01	0	48.846507	-86.951191	56134.36	56244.7	5.34	56139.70	56139.69922	56130.39263	56130.39453	503581.0	5410394.0
T10400.0	503581.0	5410394.0	41874.39844	314.01	0	48.846507	-86.951191	56133.84	56244.7	5.34	56139.17	56139.17188	56118.89130	56118.89063	503581.0	5410394.0
T10400.0	503580.8	5410394.0	41874.60156	312.99	0	48.846507	-86.951194	56133.88	56244.7	5.34	56139.22	56139.21875	56120.65492	56120.65625	503580.8	5410394.0
T10400.0	503580.5	5410394.0	41874.69922	315.09	0	48.846506	-86.951197	56133.77	56244.7	5.34	56139.12	56139.12109	56118.99154	56118.99219	503580.5	5410394.0
T10400.0	503580.5	5410394.0	41874.80078	313.07	0	48.846506	-86.951197	56133.88	56244.7	5.35	56139.22	56139.21875	56121.80686	56121.80859	503580.5	5410394.0
T10400.0	503580.3	5410394.0	41874.89844	312.03	0	48.846506	-86.951200	56134.11	56244.7	5.35	56139.45	56139.44922	56127.51049	56127.51172	503580.3	5410394.0
T10400.0	503580.1	5410394.0	41875.00000	314.79	0	48.846506	-86.951203	56133.62	56244.7	5.35	56138.97	56138.96875	56117.24464	56117.24609	503580.1	5410394.0
T10400.0	503579.8	5410394.0	41875.10156	313.40	0	48.846506	-86.951207	56133.86	56244.6	5.35	56139.21	56139.21094	56123.13762	56123.13672	503579.8	5410394.0
T10400.0	503579.8	5410394.0	41875.19922	314.85	0	48.846506	-86.951207	56133.67	56244.6	5.35	56139.02	56139.01953	56119.35565	56119.35547	503579.8	5410394.0
T10400.0	503579.5	5410394.0	41875.30078	314.49	0	48.846506	-86.951211	56133.72	56244.6	5.35	56139.08	56139.07813	56121.19280	56121.19141	503579.5	5410394.0
T10400.0	503579.2	5410393.9	41875.39844	313.42	0	48.846506	-86.951215	56133.46	56244.6	5.35	56138.82	56138.82031	56115.82159	56115.82031	503579.2	5410393.9
T10400.0	503579.2	5410393.9	41875.50000	313.42	0	48.846506	-86.951215	56133.71	56244.6	5.36	56139.06	56139.05859	56121.72554	56121.72656	503579.2	5410393.9
T10400.0	503578.7	5410393.9	41875.60156	314.70	0	48.846506	-86.951222	56133.59	56244.6	5.36	56138.95	56138.94922	56119.75707	56119.75781	503578.7	5410393.9
T10400.0	503578.5	5410393.9	41875.69922	314.83	0	48.846505	-86.951225	56133.57	56244.6	5.36	56138.93	56138.92969	56119.83776	56119.83594	503578.5	5410393.9
T10400.0	503578.1	5410393.8	41875.80078	314.28	0	48.846505	-86.951230	56133.77	56244.6	5.36	56139.13	56139.12891	56124.85136	56124.85156	503578.1	5410393.8
T10400.0	503578.1	5410393.8	41875.89844	315.60	0	48.846505	-86.951230	56133.77	56244.6	5.36	56139.13	56139.12891	56125.37849	56125.37891	503578.1	5410393.8
T10400.0	503577.7	5410393.8	41876.00000	315.44	0	48.846505	-86.951236	56133.93	56244.6	5.36	56139.29	56139.28906	56129.43757	56129.43750	503577.7	5410393.8
T10400.0	503577.7	5410393.8	41876.10156	315.40	0	48.846505	-86.951236	56134.03	56244.6	5.36	56139.39	56139.39063	56132.12685	56132.12500	503577.7	5410393.8
T10400.0	503577.2	5410393.8	41876.19922	314.67	0	48.846504	-86.951242	56134.23	56244.6	5.36	56139.59	56139.58984	56136.96751	56136.96875	503577.2	5410393.8
T10400.0	503576.9	5410393.7	41876.30078	315.12	0	48.846504	-86.951246	56133.85	56244.6	5.36	56139.21	56139.21094	56129.12725	56129.12891	503576.9	5410393.7
T10400.0	503576.5	5410393.7	41876.39844	313.81	0	48.846504	-86.951251	56133.82	56244.6	5.36	56139.18	56139.17969	56128.93876	56128.93750	503576.5	5410393.7
T10400.0	503576.5	5410393.7	41876.39844	313.81	0	48.846504	-86.951251	56133.57	56244.6	5.36	56138.93	56138.92969	56124.00011	56124.00000	503576.5	5410393.7
T10400.0	503576.0	5410393.7	41876.50000	313.62	0	48.846503	-86.951258	56133.61	56244.6	5.36	56138.97	56138.96875	56125.34561	56125.34375	503576.0	5410393.7
T10400.0	503575.6	5410393.7	41876.69922	311.37	0	48.846503	-86.951264	56133.34	56244.6	5.36	56138.70	56138.69922	56120.06023	56120.05859	503575.6	5410393.7
T10400.0	503575.0	5410393.6	41876.80078	310.82	0	48.846503	-86.951272	56133.34	56244.6	5.36	56138.70	56138.69922	56120.59740	56120.59766	503575.0	5410393.6
T10400.0	503575.0	5410393.6	41876.89844	310.40	0	48.846503	-86.951272	56133.48	56244.6	5.36	56138.84	56138.83984	56124.10941	56124.10938	503575.0	5410393.6
T10400.0	503574.6	5410393.6	41877.00000	311.34	0	48.846503	-86.951278	56133.54	56244.6	5.36	56138.90	56138.89844	56125.91705	56125.91797	503574.6	5410393.6
T10400.0	503574.0	5410393.6	41877.10156	309.80	0	48.846503	-86.951286	56133.82	56244.6	5.36	56139.18	56139.17969	56132.29029	56132.28906	503574.0	5410393.6
T10400.0	503573.6	5410393.6	41877.19922	310.77	0	48.846503	-86.951291	56133.88	56244.6	5.36	56139.23	56139.23047	56133.83267	56133.83203	503573.6	5410393.6
T10400.0	503573.6	5410393.6	41877.30078	312.33	0	48.846503	-86.951291	56133.59	56244.6	5.36	56138.95	56138.94922	56128.63258	56128.63281	503573.6	5410393.6
T10400.0	503573.2	5410393.6	41877.39844	312.56	0	48.846503	-86.951297	56133.35	56244.6	5.36	56138.71	56138.71094	56124.36202	56124.36328	503573.2	5410393.6
T10400.0	503573.2	5410393.6	41877.50000	314.31	0	48.846503	-86.951297	56133.14	56244.6	5.35	56138.50	56138.50000	56120.79560	56120.79688	503573.2	5410393.6
T10400.0	503572.5	5410393.6	41877.60156	315.27	0	48.846503	-86.951306	56133.75	56244.6	5.35	56139.10	56139.10156	56133.34215	56133.34375	503572.5	5410393.6
T10400.0	503572.0	5410393.6	41877.69922	315.31	0	48.846503	-86.951313	56133.58	56244.6	5.35	56138.93	56138.92969	56130.56966	56130.57031	503572.0	5410393.6
T10400.0	503571.5	5410393.6	41877.80078	314.75	0	48.846502	-86.951321	56133.34	56244.6	5.35	56138.69	56138.69141	56126.50268	56126.50391	503571.5	5410393.6
T10400.0	503570.9	5410393.5	41877.89844	312.35	0	48.846502	-86.951329	56133.65	56244.6	5.35	56139.00	56139.00000	56133.10627	56133.10547	503570.9	5410393.5
T10400.0	503570.3	5410393.5	41878.00000	312.71	0	48.846502	-86.951337	56133.35	56244.7	5.35	56138.70	56138.69922	56127.96537	56127.96484	503570.3	5410393.5
T10400.0	503570.3	5410393.5	41878.10156	310.50	0	48.846502	-86.951337	56133.88	56244.7	5.35	56139.22	56139.21875	56138.45638	56138.45703	503570.3	5410393.5
T10400.0	503569.8	5410393.5	41878.19922	310.21	0	48.846502	-86.951344	56133.14	56244.7	5.35	56138.49	56138.48828	56125.28256	56125.28125	503569.8	5410393.5

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
T10400.0	503568.9	5410393.5	41878.30078	308.57	0	48.846502	-86.951355	56133.45	56244.7	5.34	56138.80	56138.80078	56131.74250	56131.74219	503568.9	5410393.5
T10400.0	503568.1	5410393.5	41878.39844	309.19	0	48.846502	-86.951366	56132.98	56244.7	5.34	56138.33	56138.32813	56123.62687	56123.62500	503568.1	5410393.5
T10400.0	503567.5	5410393.4	41878.39844	309.19	0	48.846501	-86.951374	56133.09	56244.7	5.34	56138.43	56138.42969	56126.14859	56126.14844	503567.5	5410393.4
T10400.0	503567.5	5410393.4	41878.60156	308.00	0	48.846501	-86.951374	56132.94	56244.7	5.34	56138.28	56138.28125	56124.04303	56124.04297	503567.5	5410393.4
T10400.0	503566.6	5410393.4	41878.69922	307.74	0	48.846501	-86.951386	56133.16	56244.7	5.34	56138.50	56138.50000	56128.74544	56128.74609	503566.6	5410393.4
T10400.0	503566.0	5410393.4	41878.80078	308.80	0	48.846501	-86.951395	56133.22	56244.7	5.33	56138.56	56138.55859	56130.48351	56130.48438	503566.0	5410393.4
T10400.0	503566.0	5410393.4	41878.89844	310.58	0	48.846501	-86.951395	56132.98	56244.7	5.33	56138.32	56138.32031	56126.71879	56126.71875	503566.0	5410393.4
T10400.0	503565.0	5410393.4	41879.00000	310.11	0	48.846501	-86.951409	56133.02	56244.7	5.33	56138.35	56138.35156	56127.86990	56127.87109	503565.0	5410393.4
T10400.0	503564.2	5410393.5	41879.10156	309.99	0	48.846502	-86.951420	56132.84	56244.7	5.33	56138.17	56138.17188	56125.13368	56125.13281	503564.2	5410393.5
T10400.0	503563.4	5410393.5	41879.19922	309.41	0	48.846502	-86.951431	56132.87	56244.7	5.33	56138.20	56138.19922	56126.20912	56126.21094	503563.4	5410393.5
T10400.0	503562.5	5410393.5	41879.30078	309.91	0	48.846502	-86.951443	56132.68	56244.7	5.33	56138.01	56138.01172	56123.13987	56123.14063	503562.5	5410393.5
T10400.0	503562.5	5410393.5	41879.39844	310.99	0	48.846502	-86.951443	56132.54	56244.7	5.33	56137.87	56137.87109	56120.89447	56120.89453	503562.5	5410393.5
T10400.0	503561.7	5410393.5	41879.50000	311.96	0	48.846502	-86.951454	56132.38	56244.7	5.33	56137.71	56137.71094	56118.15189	56118.15234	503561.7	5410393.5
T10400.0	503561.7	5410393.5	41879.60156	311.54	0	48.846502	-86.951454	56132.41	56244.7	5.33	56137.74	56137.73828	56119.00521	56119.00391	503561.7	5410393.5
T10400.0	503560.3	5410393.5	41879.69922	311.77	0	48.846502	-86.951472	56132.14	56244.7	5.33	56137.47	56137.46875	56113.87066	56113.87109	503560.3	5410393.5
T10400.0	503559.5	5410393.5	41879.80078	312.64	0	48.846502	-86.951484	56132.08	56244.7	5.33	56137.41	56137.41016	56112.78584	56112.78516	503559.5	5410393.5
T10400.0	503559.5	5410393.5	41879.89844	312.51	0	48.846502	-86.951484	56132.11	56244.7	5.33	56137.44	56137.44141	56113.49678	56113.49609	503559.5	5410393.5
T10400.0	503558.6	5410393.5	41880.00000	314.57	0	48.846502	-86.951496	56132.33	56244.7	5.33	56137.66	56137.66016	56118.22339	56118.22266	503558.6	5410393.5
T10400.0	503557.5	5410393.5	41880.10156	313.65	0	48.846502	-86.951511	56132.59	56244.7	5.33	56137.92	56137.92188	56123.97016	56123.96875	503557.5	5410393.5
T10400.0	503557.5	5410393.5	41880.19922	313.09	0	48.846502	-86.951511	56132.81	56244.7	5.33	56138.14	56138.14063	56129.03417	56129.03516	503557.5	5410393.5
T10400.0	503556.6	5410393.5	41880.30078	312.86	0	48.846502	-86.951523	56133.02	56244.7	5.33	56138.35	56138.35156	56134.03782	56134.03906	503556.6	5410393.5
T10400.0	503555.6	5410393.5	41880.39844	315.09	0	48.846502	-86.951537	56132.93	56244.7	5.33	56138.26	56138.26172	56132.35232	56132.35156	503555.6	5410393.5
T10400.0	503555.6	5410393.5	41880.39844	315.09	0	48.846502	-86.951537	56132.77	56244.7	5.33	56138.10	56138.10156	56128.93114	56128.92969	503555.6	5410393.5
T10400.0	503554.7	5410393.5	41880.60156	316.69	0	48.846502	-86.951550	56132.56	56244.7	5.33	56137.89	56137.89063	56124.14851	56124.14844	503554.7	5410393.5
T10400.0	503553.7	5410393.5	41880.69922	314.70	0	48.846502	-86.951563	56132.71	56244.7	5.33	56138.04	56138.03906	56127.81987	56127.82031	503553.7	5410393.5
T10400.0	503552.8	5410393.5	41880.80078	315.52	0	48.846502	-86.951575	56132.82	56244.7	5.33	56138.15	56138.14844	56130.59549	56130.59375	503552.8	5410393.5
T10400.0	503552.8	5410393.5	41880.89844	314.17	0	48.846502	-86.951575	56132.68	56244.7	5.33	56138.01	56138.01172	56127.16147	56127.16016	503552.8	5410393.5
T10400.0	503551.7	5410393.5	41881.00000	315.81	0	48.846502	-86.951590	56132.44	56244.7	5.33	56137.77	56137.76953	56120.99327	56120.99219	503551.7	5410393.5
T10400.0	503550.6	5410393.5	41881.10156	318.40	0	48.846502	-86.951605	56132.01	56244.7	5.33	56137.34	56137.33984	56109.61236	56109.61328	503550.6	5410393.5
T10400.0	503549.6	5410393.5	41881.19922	314.34	0	48.846502	-86.951618	56132.07	56244.7	5.33	56137.40	56137.39844	56110.72475	56110.72656	503549.6	5410393.5
T10400.0	503548.3	5410393.5	41881.30078	315.69	0	48.846502	-86.951636	56131.81	56244.7	5.33	56137.13	56137.12891	56102.97089	56102.97266	503548.3	5410393.5
T10400.0	503548.3	5410393.5	41881.39844	314.54	0	48.846502	-86.951636	56132.16	56244.7	5.33	56137.49	56137.48828	56111.40724	56111.40625	503548.3	5410393.5
T10400.0	503547.1	5410393.5	41881.50000	314.17	0	48.846502	-86.951653	56132.26	56244.7	5.33	56137.58	56137.57813	56112.50010	56112.50000	503547.1	5410393.5
T10400.0	503547.1	5410393.5	41881.60156	318.40	0	48.846502	-86.951653	56132.21	56244.7	5.32	56137.53	56137.53125	56111.17028	56111.17188	503547.1	5410393.5
T10400.0	503545.9	5410393.5	41881.69922	319.10	0	48.846502	-86.951669	56132.30	56244.7	5.32	56137.62	56137.62109	56112.34538	56112.34375	503545.9	5410393.5
T10400.0	503544.7	5410393.5	41881.80078	319.28	0	48.846502	-86.951686	56131.95	56244.7	5.32	56137.28	56137.28125	56105.81080	56105.81250	503544.7	5410393.5
T10400.0	503543.6	5410393.6	41881.89844	320.08	0	48.846503	-86.951700	56132.23	56244.7	5.32	56137.55	56137.55078	56110.30976	56110.30859	503543.6	5410393.6
T10400.0	503543.6	5410393.6	41882.00000	320.08	0	48.846503	-86.951700	56132.36	56244.7	5.32	56137.68	56137.67969	56112.34432	56112.34375	503543.6	5410393.6
T10400.0	503542.4	5410393.6	41882.10156	321.28	0	48.846503	-86.951717	56132.53	56244.7	5.32	56137.85	56137.85156	56115.16674	56115.16797	503542.4	5410393.6
T10400.0	503542.4	5410393.6	41882.19922	322.48	0	48.846503	-86.951717	56132.44	56244.7	5.32	56137.76	56137.76172	56113.26008	56113.26172	503542.4	5410393.6
T10400.0	503540.2	5410393.7	41882.30078	320.93	0	48.846504	-86.951747	56132.44	56244.7	5.32	56137.76	56137.76172	56113.04232	56113.04297	503540.2	5410393.7
T10400.0	503540.2	5410393.7	41882.39844	321.88	0	48.846504	-86.951747	56132.63	56244.7	5.32	56137.95	56137.94922	56116.33771	56116.33594	503540.2	5410393.7
T10400.0	503539.4	5410393.7	41882.39844	321.88	0	48.846504	-86.951757	56132.54	56244.7	5.32	56137.86	56137.85938	56114.54601	56114.54688	503539.4	5410393.7
T10400.0	503538.2	5410393.8	41882.60156	320.82	0	48.846505	-86.951774	56132.48	56244.7	5.32	56137.80	56137.80078	56113.35368	56113.35547	503538.2	5410393.8
T10400.0	503538.2	5410393.8	41882.69922	319.34	0	48.846505	-86.951774	56132.18	56244.7	5.32	56137.50	56137.50000	56107.92537	56107.92578	503538.2	5410393.8
T10400.0	503537.1	5410393.8	41882.80078	318.99	0	48.846505	-86.951788	56132.54	56244.7	5.32	56137.86	56137.85938	56114.31050	56114.30859	503537.1	5410393.8
T10400.0	503536.2	5410393.9	41882.89844	320.83	0	48.846505	-86.951802	56132.63	56244.7	5.32	56137.95	56137.94922	56115.86031	56115.85938	503536.2	5410393.9
T10400.0	503535.2	5410393.9	41883.00000	320.41	0	48.846506	-86.951814	56132.79	56244.7	5.32	56138.11	56138.10938	56118.59692	56118.59766	503535.2	5410393.9
T10400.0	503535.2	5410393.9	41883.10156	319.26	0	48.846506	-86.951814	56133.09	56244.7	5.32	56138.41	56138.41016	56127.82840	56127.82813	503535.2	5410393.9
T10400.0	503534.2	5410394.0	41883.19922	314.22	0	48.846506	-86.951828	56132.97	56244.7	5.33	56138.30	56138.30078	56124.27845	56124.27734	503534.2	5410394.0
T10400.0	503533.2	5410394.0	41883.30078	314.96	0	48.846507	-86.951842	56133.06	56244.7	5.33	56138.40	56138.39844	56126.31188	56126.31250	503533.2	5410394.0
T10400.0	503532.1	5410394.0	41883.39844	313.39	0	48.846507	-86.951857	56132.59	56244.7	5.34	56137.92	56137.92188	56113.47220	56113.47266	503532.1	5410394.0
T10400.0	503532.1	5410394.0	41883.50000	321.50	0	48.846507	-86.951857	56132.93	56244.7	5.34	56138.27	56138.26953	56121.91643	56121.91797	503532.1	5410394.0
T10400.0	503530.8	5410394.1	41883.60156	312.42	0	48.846507	-86.951874	56132.99	56244.7	5.34	56138.34	56138.33984	56123.17361	56123.17188	503530.8	5410394.1
T10400.0	503529.8	5410394.1	41883.69922	313.13	0	48.846508	-86.951888	56133.29	56244.7	5.35	56138.64	56138.64063	56129.96094	56129.96094	503529.8	5410394.1
T10400.0	503528.9	5410394.1	41883.80078	312.13	0	48.846508	-86.951901	56132.82	56244.6	5.35	56138.17	56138.17188	56118.20630	56118.20703	503528.9	5410394.1
T10400.0	503527.8	5410394.2	41883.89844	312.62	0	48.846508	-86.951915	56133.21	56244.6	5.36	56138.57	56138.57031	56127.19677	56127.19531	503527.8	5410394.2
T10400.0	503526.3	5410394.2	41884.00000	314.59	0	48.846509	-86.951937	56133.37	56244.6	5.36	56138.73	56138.73047	56130.37886	56130.37891	503526.3	5410394.2
T10400.0	503526.3	5410394.2	41884.10156	313.77	0	48.846509	-86.951937	56133.53	56244.6	5.36	56138.88	56138.87891	56133.24430	56133.24609	503526.3	5410394.2
T10400.0	503525.0	5410394.3	41884.19922	313.68	0	48.846509	-86.951954	56133.39	56244.6	5.35	56138.75	56138.75000	56129.77573	56129.77734	503525.0	5410394.3
T10400.0	503525.0	5410394.3	41884.30078	313.21	0	48.846509	-86.951954	56133.12	56244.7	5.35	56138.46	56138.46094	56122.87566	56122.87500	503525.0	5410394.3
T10400.0	503523.4	5410394.3	41884.39844	313.84	0	48.846509	-86.951976	56132.99	56244.7	5.34	56138.34	56138.33984	56119.85991	56119.85938	503523.4	5410394.3
T10400.0	503522.2	5410394.3	41884.39844	313.84	0	48.846510	-86.951992	56132.96	56244.7	5.34	56138.30	56138.30078	56118.64734	56118.64844	503522.2	5410394.3
T10400.0	503521.1	5410394.4	41884.60156	315.47	0	48.846510	-86.952007	56132.84	56244.7	5.34	56138.18	56138.17969	56115.76952	56115.76953	503521.1	5410394.4
T10400.0	503520.1	5410394.4	41884.69922	312.87	0	48.846511	-86.952021	56132.88	56244.7	5.33	56138.22	56138.21875	56116.34339	56116.34375	503520.1	5410394.4
T10400.0	503520.1	5410394.4	41884.80078	311.95	0	48.846511	-86.952021	56133.22	56244.7	5.33	56138.55	56138.55078	56122.96759	56122.96875	503520.1	5410394.4
T10400.0	503518.7	5410394.5	41884.89844	311.51	0	48.846511	-86.952040	56133.26	56244.7	5.32	56138.59	56138.58984	56123.48762	56123.48828	503518.7	5410394.5
T10400.0	503517.5	5410394.5	41885.00000	313.04	0	48.846512	-86.952056	56133.02	56244.7	5.32	56138.34	56138.33984	56118.10018	56118.10156	503517.5	5410394.5
T10400.0	503517.5	5410394.5	41885.10156	312.03	0	48.846512	-86.952056	56133.52	56244.7	5.32	56138.84	56138.83984	56127.98288	56127.98438	503517.5	5410394.5
T10400.0	503516.4	5410394.6	41885.19922	312.60	0	48.846512	-86.952072	56133.42	56244.7	5.32	56138.74	56138.73828	56125.69800	56125.69922	503516.4	5410394.6
T10400.0	503514.6	5410394.7	41885.30078	311.74	0	48.846513	-86.952096	56133.45	56244.7	5.32	56138.77	56138.76953	56126.04996	56126.05078	503514.6	5410394.7
T10400.0	503513.5	5410394.7	41885.39844	310.48	0	48.846513	-86.952110	56133.16	56244.7	5.32	56138.48	56138.48047	56120.16990	56120.16797	503513.5	5410394.7
T10400.0	503513.5	5410394.7	41885.50000	310.48	0	48.846513	-86.952110	56133.42	56244.7	5.32	56138.74	56138.73828	56125.05443	56125.05469	503513.5	5410394.7
T10400.0	503512.4	5410394.7	41885.60156	311.15	0	48.846514	-86.952126	56133.25	56244.7	5.32	56138.57	56138.57031	56121.64486	56121.64453	503512.4	5410394.7
T10400.0	503511.1	5410394.8	41885.69922	310.46	0	48.846514	-86.952144	56133.72	56244.7	5.32	56139.04	56139.03906	56130.40438	56130.40625	503511.1	5410394.8
T10400.0	503511.1	5410394.8	41885.80078	310.63	0	48.846514	-86.952144	56133.98	56244.7	5.32	56139.30	56139.30078	56135.06965	56135.07031	503511.1	5410394.8
T10400.0	503509.6	5410394.8	41885.89844	310.30	0	48.846514	-86.952164	56133.62	56244.7	5.32	56138.94	56138.94141	56128.20822	56128.20703	503509.6	5410394.8
T10400.0	503508.1	5410394.9	41886.00000	311.18	0	48.846515	-86.952184	56133.58	56244.7	5.32	56138.90	56138.89844	56127.35477	56127.35547	503508.1	5410394.9
T10400.0	503506.8	5410394.9	41886.10156	310.54	0	48.846515	-86.952202	56133.62	56244.7	5.32	56138.94	56138.94141	56127.98224	56127.98047	503506.8	5410394.9
T10400.0	503506.8	5410394.9	41886.19922	310.30	0	48.846515	-86.952202	56134.03	56244.7	5.32	56139.35	56139.35156	56135.22389	56135.22266	503506.8	5410394.9
T10400.0	503505.8	5410395.0	41886.30078	307.71	0	48.846515	-86.952215	56133.46	56244.7	5.32	56138.79	56138.78906	56125.18690	56125.18750	503505.8	5410395.0
T10400.0	503504.4	5410395.0	41886.39844	309.12	0	48.846516	-86.952235	56133.75	56244.7	5.32	56139.07	56139.07031	56130.06876	56130.07031	503504.4	5410395.0
T10400.0	503503.0	5410395.0	41886.39844	309.12	0	48.846516	-86.952254	56133.68	56244.7	5.32	56139.00	56139.00000	56128.81136	56128.81250	503503.0	5410395.0
T10400.0	503503.0	5410395.0	41886.50000	308.17	0	48.846516	-86.952254	56133.09	56244.7	5.32	56138.41	56138.41016	56118.69212	56118.69141	503503.0	5410395.0
T10400.0	503501.6	5410395.0	41886.69922	310.32	0	48.846516	-86.952273	56132.87	56244.7	5.33	56138.19	56138.19141	56115.05042	56115.05078	503501.6	5410395.0
T10400.0	503501.6	5410395.0	41886.80078	314.23	0	48.846516	-86.952273	56133.19	56244.7	5.33	56138.52	56138.51953	56120.71565	56120.71484	503501.6	5410395.0
T10400.0	503499.9	5410395.1	41886.89844	313.43	0	48.846516	-86.952296	56133.72	56244.7	5.33	56139.05	56139.05078	56129.63195	56129.63281	503499.9	5410395.1
T10400.0	503499.1	5410395.1	41887.00000	312.85	0	48.846517	-86.952306	56133.02	56244.7	5.33	56138.35	56138.35156	56117.97426	56117.97266	503499.1	5410395.1
T10400.0	503497.8	5410395.1	41887.10156	311.96	0	48.846517	-86.952325	56133.49	56244.7	5.33	56138.82	56138.82031	56125.80329	56125.80469	503497.8	5410395.1
T10400.0	503496.3	5410395.1	41887.19922	311.14	0	48.846517	-86.952345	56133.54	56244.7	5.33	56138.87	56138.87109	56126.62311	56126.62500	503496.3	5410395.1
T10400.0	503496.3	5410395.1	41887.30078	309.60	0	48.846517	-86.952345	56133.88	56244.7	5.33	56139.20	56139.19922	56132.11353	56132.11328	503496.3	5410395.1
T10400.0	503494.8	5410395.1	41887.39844	308.93	0	48.846517	-86.952365	56133.82	56244.7	5.33	56139.15	56139.14844	56131.27601	56131.27734	503494.8	5410395.1
T10400.0	503493.0	5410395.1	41887.50000	307.88	0	48.846517	-86.952390	56133.93	56244.7	5.33	56139.26	56139.26172	56133.14617	56133.14453	503493.0	5410395.1

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
T10400.0	503493.0	5410395.1	41887.60156	307.99	0	48.846517	-86.952390	56133.65	56244.7	5.32	56138.97	56138.96875	56128.20021	56128.19922	503493.0	5410395.1
T10400.0	503491.8	5410395.1	41887.69922	308.22	0	48.846517	-86.952407	56133.44	56244.7	5.32	56138.76	56138.76172	56124.53243	56124.53125	503491.8	5410395.1
T10400.0	503491.8	5410395.1	41887.80078	307.91	0	48.846517	-86.952407	56133.80	56244.7	5.32	56139.12	56139.12109	56130.84339	56130.84375	503491.8	5410395.1
T10400.0	503490.5	5410395.1	41887.89844	308.95	0	48.846517	-86.952424	56133.38	56244.7	5.32	56138.70	56138.69922	56123.37880	56123.37891	503490.5	5410395.1
T10400.0	503489.3	5410395.0	41888.00000	307.65	0	48.846516	-86.952440	56133.85	56244.7	5.32	56139.17	56139.17188	56131.93707	56131.93750	503489.3	5410395.0
T10400.0	503489.3	5410395.0	41888.10156	308.59	0	48.846516	-86.952440	56133.72	56244.7	5.32	56139.04	56139.03906	56129.69445	56129.69531	503489.3	5410395.0
T10400.0	503487.7	5410395.0	41888.19922	310.00	0	48.846516	-86.952462	56133.98	56244.7	5.32	56139.30	56139.30078	56134.76617	56134.76563	503487.7	5410395.0
T10400.0	503485.9	5410395.0	41888.30078	313.33	0	48.846516	-86.952486	56133.70	56244.7	5.33	56139.03	56139.03125	56129.91119	56129.91016	503485.9	5410395.0
T10400.0	503484.7	5410395.0	41888.39844	314.38	0	48.846516	-86.952503	56133.38	56244.7	5.33	56138.71	56138.71094	56123.99447	56123.99609	503484.7	5410395.0
T10400.0	503484.7	5410395.0	41888.39844	314.38	0	48.846516	-86.952503	56133.46	56244.7	5.33	56138.79	56138.78906	56125.82947	56125.82813	503484.7	5410395.0
T10400.0	503483.5	5410395.0	41888.60156	316.58	0	48.846516	-86.952519	56133.13	56244.7	5.33	56138.46	56138.46094	56119.62560	56119.62500	503483.5	5410395.0
T10400.0	503482.1	5410395.0	41888.69922	315.05	0	48.846516	-86.952539	56133.32	56244.7	5.33	56138.65	56138.64844	56123.79606	56123.79688	503482.1	5410395.0
T10400.0	503482.1	5410395.0	41888.80078	315.36	0	48.846516	-86.952539	56133.37	56244.7	5.34	56138.70	56138.69922	56125.28048	56125.28125	503482.1	5410395.0
T10400.0	503480.6	5410395.0	41888.89844	314.73	0	48.846516	-86.952559	56133.38	56244.7	5.34	56138.72	56138.71875	56126.24446	56126.24609	503480.6	5410395.0
T10400.0	503479.4	5410395.0	41889.00000	316.26	0	48.846516	-86.952575	56133.01	56244.7	5.34	56138.35	56138.35156	56119.28761	56119.28906	503479.4	5410395.0
T10400.0	503479.4	5410395.0	41889.10156	315.39	0	48.846516	-86.952575	56132.66	56244.7	5.34	56138.00	56138.00000	56112.75936	56112.75781	503479.4	5410395.0
T10400.0	503478.3	5410394.9	41889.19922	314.65	0	48.846515	-86.952590	56132.86	56244.7	5.34	56138.19	56138.19141	56117.42087	56117.42188	503478.3	5410394.9
T10400.0	503476.9	5410394.9	41889.30078	312.30	0	48.846515	-86.952609	56132.82	56244.7	5.33	56138.15	56138.14844	56117.42376	56117.42188	503476.9	5410394.9
T10400.0	503475.4	5410394.9	41889.39844	312.49	0	48.846515	-86.952630	56132.86	56244.7	5.33	56138.19	56138.19141	56119.14504	56119.14453	503475.4	5410394.9
T10400.0	503475.4	5410394.9	41889.50000	311.57	0	48.846515	-86.952630	56132.64	56244.7	5.33	56137.97	56137.96875	56115.58753	56115.58594	503475.4	5410394.9
T10400.0	503474.3	5410394.9	41889.60156	311.31	0	48.846515	-86.952644	56132.88	56244.7	5.33	56138.21	56138.21094	56121.52562	56121.52734	503474.3	5410394.9
T10400.0	503474.3	5410394.9	41889.69922	310.45	0	48.846515	-86.952644	56132.94	56244.7	5.33	56138.27	56138.26953	56123.79469	56123.79297	503474.3	5410394.9
T10400.0	503471.7	5410394.8	41889.80078	312.12	0	48.846515	-86.952681	56133.14	56244.7	5.32	56138.47	56138.46875	56128.90657	56128.90625	503471.7	5410394.8
T10400.0	503471.7	5410394.8	41889.89844	311.17	0	48.846515	-86.952681	56132.69	56244.7	5.32	56138.01	56138.01172	56120.72194	56120.72266	503471.7	5410394.8
T10400.0	503470.1	5410394.8	41890.00000	308.39	0	48.846514	-86.952702	56132.48	56244.7	5.32	56137.80	56137.80078	56117.64927	56117.64844	503470.1	5410394.8
T10400.0	503468.8	5410394.8	41890.10156	306.89	0	48.846514	-86.952720	56132.77	56244.7	5.32	56138.09	56138.08984	56124.56460	56124.56641	503468.8	5410394.8
T10400.0	503468.8	5410394.8	41890.19922	307.68	0	48.846514	-86.952720	56132.96	56244.7	5.32	56138.28	56138.28125	56129.44480	56129.44531	503468.8	5410394.8
T10400.0	503467.1	5410394.8	41890.30078	311.44	0	48.846514	-86.952743	56132.82	56244.7	5.32	56138.14	56138.14063	56127.79014	56127.78906	503467.1	5410394.8
T10400.0	503465.8	5410394.8	41890.39844	313.03	0	48.846514	-86.952761	56132.78	56244.7	5.32	56138.11	56138.10938	56128.31789	56128.31641	503465.8	5410394.8
T10400.0	503465.8	5410394.8	41890.39844	313.03	0	48.846514	-86.952761	56132.79	56244.7	5.32	56138.12	56138.12109	56129.63248	56129.63281	503465.8	5410394.8
T10400.0	503464.3	5410394.8	41890.60156	311.96	0	48.846514	-86.952782	56132.56	56244.7	5.33	56137.89	56137.89063	56126.26039	56126.26172	503464.3	5410394.8
T10400.0	503462.7	5410394.7	41890.69922	311.51	0	48.846514	-86.952803	56132.88	56244.7	5.33	56138.21	56138.21094	56133.62280	56133.62109	503462.7	5410394.7
T10400.0	503461.4	5410394.7	41890.80078	310.61	0	48.846513	-86.952821	56132.94	56244.7	5.33	56138.27	56138.26953	56135.90016	56135.89844	503461.4	5410394.7
T10400.0	503461.4	5410394.7	41890.89844	309.65	0	48.846513	-86.952821	56132.66	56244.7	5.33	56137.99	56137.98828	56131.59143	56131.58984	503461.4	5410394.7
T10400.0	503460.1	5410394.7	41891.00000	312.65	0	48.846513	-86.952838	56131.93	56244.7	5.33	56137.26	56137.26172	56118.66023	56118.66016	503460.1	5410394.7
T10400.0	503458.6	5410394.6	41891.10156	315.55	0	48.846513	-86.952858	56131.04	56244.7	5.33	56136.37	56136.37109	56102.80052	56102.80078	503458.6	5410394.6
T10400.0	503458.6	5410394.6	41891.19922	317.80	0	48.846513	-86.952858	56131.35	56244.7	5.33	56136.68	56136.67969	56109.97363	56109.97266	503458.6	5410394.6
T10400.0	503457.3	5410394.6	41891.30078	318.32	0	48.846512	-86.952876	56131.45	56244.7	5.33	56136.77	56136.76953	56112.90209	56112.90234	503457.3	5410394.6
T10400.0	503455.9	5410394.6	41891.39844	317.25	0	48.846512	-86.952896	56131.55	56244.7	5.33	56136.87	56136.87109	56115.97767	56115.97656	503455.9	5410394.6
T10400.0	503454.3	5410394.5	41891.50000	314.62	0	48.846512	-86.952917	56131.57	56244.7	5.32	56136.90	56136.89844	56117.69371	56117.69531	503454.3	5410394.5
T10400.0	503454.3	5410394.5	41891.60156	314.20	0	48.846512	-86.952917	56131.93	56244.7	5.32	56137.25	56137.25000	56125.30851	56125.30859	503454.3	5410394.5
T10400.0	503452.8	5410394.5	41891.69922	311.03	0	48.846512	-86.952937	56132.03	56244.7	5.32	56137.35	56137.35156	56128.19896	56128.19922	503452.8	5410394.5
T10400.0	503451.7	5410394.5	41891.80078	310.42	0	48.846512	-86.952953	56131.83	56244.7	5.32	56137.15	56137.14844	56125.52622	56125.52734	503451.7	5410394.5
T10400.0	503451.7	5410394.5	41891.89844	309.83	0	48.846512	-86.952953	56132.00	56244.7	5.32	56137.32	56137.32031	56129.61944	56129.62109	503451.7	5410394.5
T10400.0	503450.4	5410394.5	41892.00000	309.53	0	48.846512	-86.952971	56131.46	56244.7	5.32	56136.78	56136.78125	56120.72798	56120.72656	503450.4	5410394.5
T10400.0	503449.0	5410394.5	41892.10156	309.26	0	48.846512	-86.952989	56131.52	56244.7	5.32	56136.84	56136.83984	56122.75784	56122.75781	503449.0	5410394.5
T10400.0	503449.0	5410394.5	41892.19922	308.57	0	48.846512	-86.952989	56131.39	56244.7	5.32	56136.71	56136.71094	56121.30679	56121.30859	503449.0	5410394.5
T10400.0	503447.3	5410394.5	41892.30078	309.89	0	48.846512	-86.953013	56131.18	56244.7	5.32	56136.50	56136.50000	56118.38587	56118.38672	503447.3	5410394.5
T10400.0	503446.1	5410394.5	41892.39844	307.64	0	48.846512	-86.953029	56130.84	56244.7	5.32	56136.16	56136.16016	56113.09644	56113.09766	503446.1	5410394.5
T10400.0	503444.8	5410394.5	41892.39844	307.64	0	48.846512	-86.953047	56130.79	56244.7	5.32	56136.10	56136.10156	56112.81511	56112.81641	503444.8	5410394.5
T10400.0	503443.0	5410394.5	41892.60156	307.99	0	48.846512	-86.953072	56130.82	56244.7	5.31	56136.13	56136.12891	56114.11357	56114.11328	503443.0	5410394.5
T10400.0	503443.0	5410394.5	41892.69922	310.88	0	48.846512	-86.953072	56130.72	56244.7	5.31	56136.03	56136.03125	56113.04057	56113.03906	503443.0	5410394.5
T10400.0	503441.2	5410394.5	41892.80078	311.66	0	48.846512	-86.953096	56130.41	56244.7	5.31	56135.72	56135.71875	56108.16544	56108.16406	503441.2	5410394.5
T10400.0	503441.2	5410394.5	41892.89844	313.05	0	48.846512	-86.953096	56130.23	56244.7	5.31	56135.54	56135.53906	56105.60014	56105.60156	503441.2	5410394.5
T10400.0	503439.8	5410394.5	41893.00000	312.10	0	48.846512	-86.953115	56130.46	56244.7	5.31	56135.77	56135.76953	56110.37467	56110.37500	503439.8	5410394.5
T10400.0	503438.2	5410394.5	41893.10156	311.19	0	48.846512	-86.953136	56130.84	56244.7	5.31	56136.15	56136.14844	56117.81258	56117.81250	503438.2	5410394.5
T10400.0	503436.8	5410394.5	41893.19922	311.63	0	48.846512	-86.953156	56131.07	56244.7	5.31	56136.38	56136.37891	56122.52828	56122.52734	503436.8	5410394.5
T10400.0	503436.8	5410394.5	41893.30078	311.67	0	48.846512	-86.953156	56130.66	56244.7	5.31	56135.97	56135.96875	56115.79628	56115.79688	503436.8	5410394.5
T10400.0	503435.1	5410394.6	41893.39844	312.39	0	48.846512	-86.953179	56130.70	56244.7	5.31	56136.00	56136.00000	56116.91905	56116.91797	503435.1	5410394.6
T10400.0	503433.5	5410394.6	41893.50000	311.30	0	48.846512	-86.953201	56130.61	56244.7	5.31	56135.92	56135.92188	56116.08828	56116.08984	503433.5	5410394.6
T10400.0	503432.1	5410394.6	41893.60156	311.55	0	48.846512	-86.953220	56130.99	56244.7	5.31	56136.30	56136.30078	56123.30668	56123.30859	503432.1	5410394.6
T10400.0	503432.1	5410394.6	41893.69922	312.91	0	48.846512	-86.953220	56131.14	56244.7	5.31	56136.45	56136.44922	56126.40058	56126.40234	503432.1	5410394.6
T10400.0	503430.8	5410394.6	41893.80078	311.79	0	48.846513	-86.953238	56130.96	56244.7	5.31	56136.27	56136.26953	56123.74058	56123.74219	503430.8	5410394.6
T10400.0	503429.6	5410394.6	41893.89844	311.07	0	48.846513	-86.953254	56131.02	56244.7	5.31	56136.33	56136.32813	56125.18502	56125.18359	503429.6	5410394.6
T10400.0	503428.2	5410394.6	41894.00000	310.57	0	48.846513	-86.953273	56130.82	56244.7	5.31	56136.13	56136.12891	56122.17292	56122.17188	503428.2	5410394.6
T10400.0	503428.2	5410394.6	41894.10156	309.53	0	48.846513	-86.953273	56131.04	56244.7	5.31	56136.35	56136.35156	56126.18737	56126.18750	503428.2	5410394.6
T10400.0	503426.8	5410394.6	41894.19922	307.86	0	48.846513	-86.953292	56130.76	56244.7	5.31	56136.07	56136.07031	56121.76377	56121.76563	503426.8	5410394.6
T10400.0	503425.4	5410394.6	41894.30078	307.34	0	48.846513	-86.953311	56130.74	56244.7	5.31	56136.05	56136.05078	56121.61613	56121.61719	503425.4	5410394.6
T10400.0	503425.4	5410394.6	41894.39844	308.29	0	48.846513	-86.953311	56130.42	56244.7	5.31	56135.73	56135.73047	56116.40642	56116.40625	503425.4	5410394.6
T10400.0	503423.7	5410394.6	41894.39844	308.29	0	48.846513	-86.953334	56130.64	56244.7	5.31	56135.95	56135.94922	56120.06447	56120.06641	503423.7	5410394.6
T10400.0	503422.4	5410394.6	41894.60156	306.94	0	48.846513	-86.953353	56130.74	56244.7	5.31	56136.05	56136.05078	56121.64781	56121.64844	503422.4	5410394.6
T10400.0	503420.9	5410394.6	41894.69922	308.12	0	48.846513	-86.953372	56130.88	56244.7	5.31	56136.18	56136.17969	56123.67174	56123.67188	503420.9	5410394.6
T10400.0	503420.9	5410394.6	41894.80078	306.46	0	48.846513	-86.953372	56131.07	56244.7	5.31	56136.38	56136.37891	56126.85282	56126.85156	503420.9	5410394.6
T10400.0	503419.6	5410394.6	41894.89844	307.66	0	48.846513	-86.953390	56130.84	56244.7	5.31	56136.15	56136.14844	56122.59505	56122.59375	503419.6	5410394.6
T10400.0	503419.6	5410394.6	41895.00000	306.95	0	48.846513	-86.953390	56130.61	56244.7	5.31	56135.92	56135.92188	56118.13368	56118.13281	503419.6	5410394.6
T10400.0	503417.6	5410394.7	41895.10156	309.43	0	48.846513	-86.953418	56129.68	56244.7	5.31	56134.99	56134.98828	56100.90956	56100.91016	503417.6	5410394.7
T10400.0	503416.3	5410394.7	41895.19922	309.64	0	48.846513	-86.953436	56130.03	56244.7	5.31	56135.34	56135.33984	56106.32307	56106.32422	503416.3	5410394.7
T10400.0	503414.9	5410394.7	41895.30078	311.27	0	48.846514	-86.953455	56130.62	56244.7	5.31	56135.93	56135.92969	56116.33688	56116.33594	503414.9	5410394.7
T10400.0	503414.9	5410394.7	41895.39844	312.56	0	48.846514	-86.953455	56130.96	56244.7	5.31	56136.27	56136.26953	56121.94604	56121.94531	503414.9	5410394.7
T10400.0	503413.4	5410394.7	41895.50000	312.56	0	48.846514	-86.953475	56130.84	56244.7	5.31	56136.15	56136.14844	56118.83594	56118.83594	503413.4	5410394.7
T10400.0	503412.1	5410394.7	41895.60156	314.51	0	48.846514	-86.953493	56130.86	56244.7	5.31	56136.17	56136.17188	56118.31504	56118.31641	503412.1	5410394.7
T10400.0	503410.4	5410394.7	41895.69922	314.26	0	48.846514	-86.953515	56131.00	56244.7	5.31	56136.31	56136.30859	56120.13601	56120.13672	503410.4	5410394.7
T10400.0	503410.4	5410394.7	41895.80078	315.17	0	48.846514	-86.953515	56130.82	56244.7	5.31	56136.13	56136.12891	56115.47576	56115.47656	503410.4	5410394.7
T10400.0	503408.7	5410394.7	41895.89844	313.61	0	48.846514	-86.953539	56130.74	56244.7	5.31	56136.05	56136.05078	56112.71191	56112.71094	503408.7	5410394.7
T10400.0	503407.1	5410394.7	41896.00000	314.93	0	48.846514	-86.953561	56130.66	56244.7	5.31	56135.97	56135.96875	56109.86317	56109.86328	503407.1	5410394.7
T10400.0	503405.7	5410394.7	41896.10156	313.57	0	48.846514	-86.953579	56131.09	56244.7	5.31	56136.40	56136.39844	56117.68333	56117.68359	503405.7	5410394.7
T10400.0	503405.7	5410394.7	41896.19922	313.49	0	48.846514	-86.953579	56130.96	56244.7	5.30	56136.26	56136.26172	56113.53698	56113.53516	503405.7	5410394.7
T10400.0	503403.8	5410394.7	41896.30078	314.01	0	48.846514	-86.953606	56131.02	56244.7	5.30	56136.32	56136.32031	56113.59507	56113.59375	503403.8	5410394.7
T10400.0	503402.3	5410394.7	41896.39844	312.61	0	48.846514	-86.953626	56131.04	56244.7	5.30	56136.34	56136.33984	56112.79872	56112.79688	503402.3	5410394.7
T10400.0	503402.3	5410394.7	41896.39844	312.61	0	48.846514	-86.953626	56130.76	56244.7	5.30	56136.06	56136.05859	56105.63045	56105.62891	503402.3	5410394.7
T10400.0	503400.9	5410394.7	41896.50000	313.23	0	48.846514	-86.953646	56130.79	56244.7	5.29	56136.08	56136.07813	56104.85644	56104.85547	503400.9	5410394.7
T10400.0	503399.4	5410394.7	41896.69922	313.10	0	48.846514	-86.953666	56130.97	56244.7	5.29	56136.26	56136.26172	56107.45626	56107.45703	503399.4	5410394.7
T10400.0	503399.4	5410394.7	41896.80078	313.45	0	48.846514	-86.953666	56131.40	56244.7	5.29	56136.68	56136.67969	56115.01062	56115.01172	503399.4	5410394.7

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
T10400.0	503397.6	5410394.8	41896.89844	312.65	0	48.846514	-86.953691	56131.17	56244.7	5.28	56136.45	56136.44922	56108.98497	56108.98438	503397.6	5410394.8
T10400.0	503396.2	5410394.8	41897.00000	313.42	0	48.846514	-86.953710	56131.12	56244.7	5.28	56136.40	56136.39844	56106.72316	56106.72266	503396.2	5410394.8
T10400.0	503396.2	5410394.8	41897.10156	313.95	0	48.846514	-86.953710	56131.02	56244.7	5.28	56136.30	56136.30078	56103.45654	56103.45703	503396.2	5410394.8
T10400.0	503395.0	5410394.8	41897.19922	311.65	0	48.846514	-86.953725	56131.29	56244.7	5.28	56136.57	56136.57031	56107.60213	56107.60156	503395.0	5410394.8
T10400.0	503393.3	5410394.8	41897.30078	311.19	0	48.846515	-86.953748	56131.32	56244.7	5.28	56136.60	56136.60156	56106.85458	56106.85547	503393.3	5410394.8
T10400.0	503392.0	5410394.8	41897.39844	310.48	0	48.846515	-86.953767	56131.50	56244.7	5.28	56136.78	56136.78125	56108.99676	56108.99609	503392.0	5410394.8
T10400.0	503392.0	5410394.8	41897.50000	309.23	0	48.846515	-86.953767	56131.45	56244.7	5.29	56136.73	56136.73047	56106.57718	56106.57813	503392.0	5410394.8
T10400.0	503390.8	5410394.8	41897.60156	309.70	0	48.846515	-86.953783	56131.27	56244.7	5.29	56136.56	56136.55859	56101.83424	56101.83594	503390.8	5410394.8
T10400.0	503389.2	5410394.9	41897.69922	309.54	0	48.846515	-86.953806	56131.83	56244.7	5.29	56137.11	56137.10938	56110.82236	56110.82422	503389.2	5410394.9
T10400.0	503388.0	5410394.9	41897.80078	310.77	0	48.846515	-86.953821	56132.18	56244.7	5.29	56137.47	56137.46875	56116.01327	56116.01172	503388.0	5410394.9
T10400.0	503388.0	5410394.9	41897.89844	311.05	0	48.846515	-86.953821	56132.76	56244.7	5.29	56138.05	56138.05078	56125.19850	56125.19922	503388.0	5410394.9
T10400.0	503386.2	5410394.9	41898.00000	310.77	0	48.846515	-86.953846	56132.62	56244.7	5.29	56137.91	56137.91016	56120.78070	56120.78125	503386.2	5410394.9
T10400.0	503385.1	5410394.9	41898.10156	309.71	0	48.846515	-86.953861	56132.76	56244.7	5.29	56138.05	56138.05078	56121.55248	56121.55078	503385.1	5410394.9
T10400.0	503382.9	5410394.9	41898.19922	311.80	0	48.846515	-86.953891	56132.82	56244.7	5.28	56138.10	56138.10156	56120.59884	56120.59766	503382.9	5410394.9
T10400.0	503381.3	5410394.9	41898.30078	312.83	0	48.846516	-86.953913	56133.01	56244.7	5.28	56138.29	56138.28906	56122.17373	56122.17188	503381.3	5410394.9
T10400.0	503381.3	5410394.9	41898.39844	312.48	0	48.846516	-86.953913	56133.02	56244.7	5.28	56138.30	56138.30078	56120.37892	56120.37891	503381.3	5410394.9
T10400.0	503380.0	5410394.9	41898.39844	312.48	0	48.846516	-86.953930	56132.96	56244.7	5.28	56138.24	56138.23828	56117.25270	56117.25391	503380.0	5410394.9
T10400.0	503378.8	5410394.9	41898.60156	311.25	0	48.846516	-86.953947	56133.15	56244.7	5.27	56138.42	56138.42188	56118.47202	56118.47266	503378.8	5410394.9
T10400.0	503378.8	5410394.9	41898.69922	310.51	0	48.846516	-86.953947	56133.34	56244.7	5.27	56138.61	56138.60938	56119.81693	56119.81641	503378.8	5410394.9
T10400.0	503377.1	5410394.9	41898.80078	309.63	0	48.846516	-86.953969	56133.32	56244.7	5.27	56138.59	56138.58984	56117.26310	56117.26172	503377.1	5410394.9
T10400.0	503375.6	5410394.9	41898.89844	310.24	0	48.846516	-86.953990	56133.52	56244.7	5.26	56138.78	56138.78125	56118.50335	56118.50391	503375.6	5410394.9
T10400.0	503375.6	5410394.9	41899.00000	311.24	0	48.846516	-86.953990	56134.41	56244.7	5.26	56139.67	56139.67188	56132.53453	56132.53516	503375.6	5410394.9
T10400.0	503374.1	5410394.9	41899.10156	311.99	0	48.846516	-86.954011	56134.61	56244.7	5.26	56139.88	56139.87891	56134.05943	56134.05859	503374.1	5410394.9
T10400.0	503372.8	5410394.9	41899.19922	309.14	0	48.846516	-86.954028	56134.66	56244.7	5.26	56139.92	56139.92188	56132.41491	56132.41406	503372.8	5410394.9
T10400.0	503371.1	5410394.9	41899.19922	309.14	0	48.846515	-86.954051	56134.51	56244.7	5.26	56139.77	56139.76953	56127.22624	56127.22656	503371.1	5410394.9
T10400.0	503371.1	5410394.9	41899.30078	311.02	0	48.846515	-86.954051	56134.47	56244.7	5.27	56139.74	56139.73828	56124.18708	56124.18750	503371.1	5410394.9
T10400.0	503369.9	5410394.9	41899.39844	311.52	0	48.846515	-86.954068	56134.48	56244.7	5.27	56139.75	56139.75000	56121.82707	56121.82813	503369.9	5410394.9
T10400.0	503368.2	5410394.8	41899.60156	311.73	0	48.846515	-86.954092	56134.28	56244.7	5.27	56139.55	56139.55078	56115.54857	56115.54688	503368.2	5410394.8
T10400.0	503366.1	5410394.8	41899.60156	311.73	0	48.846514	-86.954119	56134.89	56244.7	5.27	56140.16	56140.16016	56124.09633	56124.09766	503366.1	5410394.8
T10400.0	503364.7	5410394.7	41899.69922	310.60	0	48.846514	-86.954138	56134.66	56244.7	5.27	56139.93	56139.92969	56117.13964	56117.14063	503364.7	5410394.7
T10400.0	503363.7	5410394.7	41899.80078	311.05	0	48.846514	-86.954153	56135.22	56244.7	5.28	56140.49	56140.48828	56124.62354	56124.62500	503363.7	5410394.7
T10400.0	503363.7	5410394.7	41899.89844	311.78	0	48.846514	-86.954153	56134.82	56244.7	5.28	56140.09	56140.08984	56114.39961	56114.39844	503363.7	5410394.7
T10400.0	503361.5	5410394.6	41900.00000	312.71	0	48.846513	-86.954182	56134.86	56244.7	5.28	56140.14	56140.14063	56112.35814	56112.35938	503361.5	5410394.6
T10400.0	503361.5	5410394.6	41900.19922	308.29	0	48.846513	-86.954182	56134.89	56244.7	5.27	56140.16	56140.16016	56109.67866	56109.67969	503361.5	5410394.6
T10400.0	503360.1	5410394.6	41900.19922	308.29	0	48.846513	-86.954201	56134.94	56244.7	5.27	56140.21	56140.21094	56107.45602	56107.45703	503360.1	5410394.6
T10400.0	503358.8	5410394.5	41900.39844	308.75	0	48.846512	-86.954219	56135.52	56244.7	5.27	56140.79	56140.78906	56114.86065	56114.85938	503358.8	5410394.5
T10400.0	503357.4	5410394.5	41900.39844	308.75	0	48.846512	-86.954238	56135.46	56244.7	5.27	56140.73	56140.73047	56110.41625	56110.41797	503357.4	5410394.5
T10400.0	503357.4	5410394.5	41900.60156	310.42	0	48.846512	-86.954238	56135.81	56244.7	5.26	56141.07	56141.07031	56113.20505	56113.20313	503357.4	5410394.5
T10400.0	503357.4	5410394.5	41900.69922	309.71	0	48.846512	-86.954238	56135.62	56244.7	5.26	56140.88	56140.87891	56106.14498	56106.14453	503357.4	5410394.5
T10400.0	503355.7	5410394.5	41900.80078	310.83	0	48.846512	-86.954262	56136.38	56244.7	5.26	56141.64	56141.64063	56116.42146	56116.42188	503355.7	5410394.5
T10400.0	503354.2	5410394.4	41900.89844	309.70	0	48.846511	-86.954282	56136.03	56244.7	5.25	56141.28	56141.28125	56105.97749	56105.97656	503354.2	5410394.4
T10400.0	503352.7	5410394.4	41901.00000	309.59	0	48.846511	-86.954302	56136.76	56244.8	5.25	56142.01	56142.01172	56115.46273	56115.46094	503352.7	5410394.4
T10400.0	503351.3	5410394.4	41901.10156	310.45	0	48.846511	-86.954321	56136.86	56244.8	5.25	56142.11	56142.10938	56113.20788	56113.20703	503351.3	5410394.4
T10400.0	503351.3	5410394.4	41901.19922	310.01	0	48.846511	-86.954321	56137.12	56244.8	5.25	56142.36	56142.35938	56113.57537	56113.57422	503351.3	5410394.4
T10400.0	503348.9	5410394.4	41901.30078	310.41	0	48.846511	-86.954354	56137.24	56244.8	5.25	56142.48	56142.48047	56111.38298	56111.38281	503348.9	5410394.4
T10400.0	503347.8	5410394.4	41901.39844	311.62	0	48.846511	-86.954370	56137.14	56244.8	5.25	56142.39	56142.39063	56105.11082	56105.10938	503347.8	5410394.4
T10400.0	503347.8	5410394.4	41901.50000	312.04	0	48.846511	-86.954370	56138.11	56244.8	5.24	56143.35	56143.35156	56118.25783	56118.25781	503347.8	5410394.4
T10400.0	503346.3	5410394.4	41901.60156	309.89	0	48.846511	-86.954389	56138.03	56244.8	5.24	56143.27	56143.26953	56111.82901	56111.82813	503346.3	5410394.4
T10400.0	503344.9	5410394.4	41901.69922	308.37	0	48.846512	-86.954408	56138.60	56244.8	5.24	56143.85	56143.85156	56117.62781	56117.62891	503344.9	5410394.4
T10400.0	503343.6	5410394.5	41901.80078	307.11	0	48.846512	-86.954427	56138.54	56244.8	5.24	56143.78	56143.78125	56110.99073	56110.99219	503343.6	5410394.5
T10400.0	503343.6	5410394.5	41901.89844	307.16	0	48.846512	-86.954427	56139.70	56244.8	5.24	56144.94	56144.94141	56127.58571	56127.58594	503343.6	5410394.5
T10400.0	503341.9	5410394.5	41902.00000	308.64	0	48.846512	-86.954450	56140.00	56244.8	5.24	56145.24	56145.23828	56127.70537	56127.70703	503341.9	5410394.5
T10400.0	503341.9	5410394.5	41902.10156	309.43	0	48.846512	-86.954450	56139.89	56244.8	5.24	56145.13	56145.12891	56119.73852	56119.73828	503341.9	5410394.5
T10400.0	503340.2	5410394.5	41902.19922	311.55	0	48.846513	-86.954473	56140.10	56244.8	5.24	56145.34	56145.33984	56117.73269	56117.73438	503340.2	5410394.5
T10400.0	503338.6	5410394.6	41902.30078	312.21	0	48.846513	-86.954494	56140.15	56244.8	5.24	56145.39	56145.39063	56112.40675	56112.40625	503338.6	5410394.6
T10400.0	503337.1	5410394.7	41902.39844	312.99	0	48.846514	-86.954515	56140.93	56244.8	5.24	56146.16	56146.16016	56121.05093	56121.05078	503337.1	5410394.7
T10400.0	503335.4	5410394.7	41902.39844	312.99	0	48.846514	-86.954538	56141.14	56244.8	5.24	56146.38	56146.37891	56118.74267	56118.74219	503335.4	5410394.7
T10400.0	503335.4	5410394.7	41902.60156	313.14	0	48.846514	-86.954538	56141.84	56244.8	5.23	56147.07	56147.07031	56125.63720	56125.63672	503335.4	5410394.7
T10400.0	503333.5	5410394.8	41902.69922	311.51	0	48.846515	-86.954564	56141.95	56244.8	5.23	56147.18	56147.17969	56120.83868	56120.83984	503333.5	5410394.8
T10400.0	503333.5	5410394.8	41902.80078	311.74	0	48.846515	-86.954564	56142.35	56244.8	5.23	56147.58	56147.57813	56121.69870	56121.69922	503333.5	5410394.8
T10400.0	503331.9	5410394.8	41902.89844	309.36	0	48.846515	-86.954586	56142.50	56244.8	5.23	56147.73	56147.73047	56117.39837	56117.39844	503331.9	5410394.8
T10400.0	503330.2	5410394.8	41903.00000	310.21	0	48.846515	-86.954609	56142.98	56244.8	5.23	56148.21	56148.21094	56119.62728	56119.62891	503330.2	5410394.8
T10400.0	503328.8	5410394.9	41903.10156	310.65	0	48.846516	-86.954629	56143.64	56244.8	5.23	56148.87	56148.87109	56125.37821	56125.37891	503328.8	5410394.9
T10400.0	503328.8	5410394.9	41903.19922	312.75	0	48.846516	-86.954629	56143.97	56244.8	5.23	56149.20	56149.19922	56124.36396	56124.36328	503328.8	5410394.9
T10400.0	503327.0	5410394.9	41903.30078	312.35	0	48.846516	-86.954652	56144.93	56244.8	5.22	56150.15	56150.14844	56135.67210	56135.67188	503327.0	5410394.9
T10400.0	503325.4	5410394.9	41903.39844	312.47	0	48.846516	-86.954674	56144.72	56244.8	5.22	56149.95	56149.94922	56123.82423	56123.82422	503325.4	5410394.9
T10400.0	503325.4	5410394.9	41903.50000	314.03	0	48.846516	-86.954674	56145.06	56244.8	5.22	56150.28	56150.28125	56122.50364	56122.50391	503325.4	5410394.9
T10400.0	503323.6	5410394.9	41903.60156	313.02	0	48.846516	-86.954700	56145.14	56244.8	5.22	56150.36	56150.35938	56116.16764	56116.16797	503323.6	5410394.9
T10400.0	503322.1	5410394.9	41903.69922	313.35	0	48.846516	-86.954719	56145.76	56244.8	5.22	56150.98	56150.98047	56120.35741	56120.35547	503322.1	5410394.9
T10400.0	503322.1	5410394.9	41903.80078	313.79	0	48.846516	-86.954719	56146.24	56244.8	5.21	56151.45	56151.44922	56121.46012	56121.46094	503322.1	5410394.9
T10400.0	503320.5	5410395.0	41903.89844	312.67	0	48.846516	-86.954741	56146.53	56244.8	5.21	56151.74	56151.73828	56118.97007	56118.96875	503320.5	5410395.0
T10400.0	503319.1	5410395.0	41904.00000	311.14	0	48.846516	-86.954761	56147.14	56244.8	5.21	56152.35	56152.35156	56122.49266	56122.49219	503319.1	5410395.0
T10400.0	503317.9	5410395.0	41904.10156	312.14	0	48.846516	-86.954777	56147.40	56244.8	5.21	56152.61	56152.60938	56119.22594	56119.22656	503317.9	5410395.0
T10400.0	503317.9	5410395.0	41904.19922	310.93	0	48.846516	-86.954777	56148.50	56244.8	5.20	56153.70	56153.69922	56131.41083	56131.41016	503317.9	5410395.0
T10400.0	503316.5	5410395.0	41904.30078	309.27	0	48.846516	-86.954796	56148.75	56244.8	5.20	56153.95	56153.94922	56127.67656	56127.67578	503316.5	5410395.0
T10400.0	503314.6	5410394.9	41904.39844	309.85	0	48.846516	-86.954822	56149.87	56244.8	5.20	56155.06	56155.05859	56139.69382	56139.69531	503314.6	5410394.9
T10400.0	503313.1	5410394.9	41904.39844	309.85	0	48.846516	-86.954842	56150.62	56244.8	5.20	56155.82	56155.82031	56145.00197	56145.00391	503313.1	5410394.9
T10400.0	503313.1	5410394.9	41904.60156	308.76	0	48.846516	-86.954842	56150.70	56244.8	5.19	56155.89	56155.89063	56137.57317	56137.57422	503313.1	5410394.9
T10400.0	503311.4	5410394.9	41904.69922	308.10	0	48.846516	-86.954865	56151.00	56244.8	5.19	56156.18	56156.17969	56134.06229	56134.06250	503311.4	5410394.9
T10400.0	503309.8	5410394.8	41904.80078	308.41	0	48.846515	-86.954888	56150.98	56244.8	5.19	56156.17	56156.17188	56125.03926	56125.03906	503309.8	5410394.8
T10400.0	503308.6	5410394.8	41904.89844	309.05	0	48.846515	-86.954904	56152.06	56244.8	5.18	56157.24	56157.23828	56135.26935	56135.26953	503308.6	5410394.8
T10400.0	503308.6	5410394.8	41905.00000	310.96	0	48.846515	-86.954904	56152.22	56244.8	5.18	56157.40	56157.39844	56129.01077	56129.01172	503308.6	5410394.8
T10400.0	503307.2	5410394.8	41905.10156	310.77	0	48.846515	-86.954923	56152.86	56244.8	5.18	56158.03	56158.03125	56130.99500	56130.99609	503307.2	5410394.8
T10400.0	503305.8	5410394.7	41905.19922	310.87	0	48.846514	-86.954942	56152.62	56244.8	5.18	56157.79	56157.78906	56117.26935	56117.26953	503305.8	5410394.7
T10400.0	503304.0	5410394.7	41905.30078	311.43	0	48.846514	-86.954966	56153.96	56244.8	5.18	56159.13	56159.12891	56131.59171	56131.58984	503304.0	5410394.7
T10400.0	503304.0	5410394.7	41905.39844	310.83	0	48.846514	-86.954966	56154.41	56244.8	5.18	56159.59	56159.58984	56130.02478	56130.02344	503304.0	5410394.7
T10400.0	503302.5	5410394.6	41905.50000	310.83	0	48.846514	-86.954987	56155.31	56244.8	5.18	56160.48	56160.48047	56135.99529	56135.99609	503302.5	5410394.6
T10400.0	503302.5	5410394.6	41905.60156	310.86	0	48.846514	-86.954987	56155.88	56244.8	5.17	56161.05	56161.05078	56136.07088	56136.07031	503302.5	5410394.6
T10400.0	503300.7	5410394.6	41905.69922	311.41	0	48.846513	-86.955011	56156.24	56244.8	5.17	56161.42	56161.42188	56132.37723	56132.37891	503300.7	5410394.6
T10400.0	503298.9	5410394.6	41905.80078	311.86	0	48.846513	-86.955036	56157.27	56244.8	5.17	56162.45	56162.44922	56140.44070	56140.44141	503298.9	5410394.6
T10400.0	503297.4	5410394.5	41905.89844	311.35	0	48.846512	-86.955057	56157.78	56244.8	5.17	56162.95	56162.94922	56138.78564	56138.78516	503297.4	5410394.5
T10400.0	503297.4	5410394.5	41906.00000	312.13	0	48.846512	-86.955057	56158.61	56244.8	5.17	56163.78	56163.78125	56142.96586	56142.96484	503297.4	5410394.5
T10400.0	503295.9	5410394.5	41906.10156	312.45	0	48.846512	-86.955077	56158.77	56244.8	5.17	56163.94	56163.94141	56134.85612	56134.85547	503295.9	5410394.5

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
T10400.0	503294.5	5410394.4	41906.19922	313.04	0	48.846512	-86.955096	56159.86	56244.8	5.17	56165.02	56165.01953	56143.30077	56143.30078	503294.5	5410394.4
T10400.0	503293.0	5410394.4	41906.30078	312.11	0	48.846512	-86.955116	56160.06	56244.8	5.17	56165.23	56165.23047	56135.85875	56135.85938	503293.0	5410394.4
T10400.0	503293.0	5410394.4	41906.39844	310.01	0	48.846512	-86.955116	56161.01	56244.8	5.17	56166.18	56166.17969	56141.65572	56141.65625	503293.0	5410394.4
T10400.0	503291.0	5410394.4	41906.39844	310.01	0	48.846511	-86.955144	56161.71	56244.8	5.17	56166.87	56166.87109	56142.61382	56142.61328	503291.0	5410394.4
T10400.0	503291.0	5410394.4	41906.50000	311.94	0	48.846511	-86.955144	56161.97	56244.8	5.17	56167.14	56167.14063	56135.95762	56135.95703	503291.0	5410394.4
T10400.0	503289.5	5410394.4	41906.69922	312.08	0	48.846511	-86.955163	56162.71	56244.8	5.16	56167.87	56167.87109	56137.37744	56137.37891	503289.5	5410394.4
T10400.0	503288.1	5410394.4	41906.80078	310.27	0	48.846511	-86.955183	56163.45	56244.8	5.16	56168.61	56168.60938	56138.81697	56138.81641	503288.1	5410394.4
T10400.0	503286.9	5410394.4	41906.89844	309.17	0	48.846511	-86.955199	56164.58	56244.8	5.16	56169.74	56169.73828	56146.86589	56146.86719	503286.9	5410394.4
T10400.0	503286.9	5410394.4	41907.00000	309.17	0	48.846511	-86.955199	56164.97	56244.8	5.16	56170.13	56170.12891	56141.90617	56141.90625	503286.9	5410394.4
T10400.0	503285.8	5410394.4	41907.10156	310.47	0	48.846511	-86.955215	56165.97	56244.8	5.16	56171.13	56171.12891	56147.29071	56147.28906	503285.8	5410394.4
T10400.0	503283.8	5410394.4	41907.19922	310.13	0	48.846511	-86.955242	56166.63	56244.8	5.15	56171.78	56171.78125	56146.52862	56146.52734	503283.8	5410394.4
T10400.0	503283.8	5410394.4	41907.30078	308.56	0	48.846511	-86.955242	56167.60	56244.8	5.15	56172.75	56172.75000	56150.98409	56150.98438	503283.8	5410394.4
T10400.0	503282.3	5410394.4	41907.39844	308.91	0	48.846511	-86.955262	56167.94	56244.9	5.15	56173.09	56173.08984	56144.78633	56144.78516	503282.3	5410394.4
T10400.0	503280.4	5410394.4	41907.50000	309.15	0	48.846511	-86.955287	56168.91	56244.9	5.15	56174.06	56174.05859	56148.88236	56148.88281	503280.4	5410394.4
T10400.0	503280.4	5410394.4	41907.60156	310.06	0	48.846511	-86.955287	56169.91	56244.9	5.14	56175.06	56175.05859	56153.24194	56153.24219	503280.4	5410394.4
T10400.0	503279.0	5410394.4	41907.69922	310.72	0	48.846511	-86.955307	56170.54	56244.9	5.14	56175.67	56175.67188	56151.09243	56151.09375	503279.0	5410394.4
T10400.0	503277.5	5410394.4	41907.80078	310.62	0	48.846511	-86.955327	56171.46	56244.9	5.14	56176.60	56176.60156	56153.93276	56153.93359	503277.5	5410394.4
T10400.0	503275.9	5410394.4	41907.89844	309.68	0	48.846511	-86.955350	56172.00	56244.9	5.13	56177.13	56177.12891	56150.21087	56150.21094	503275.9	5410394.4
T10400.0	503275.9	5410394.4	41908.00000	308.13	0	48.846511	-86.955350	56172.80	56244.9	5.13	56177.93	56177.92969	56150.62745	56150.62891	503275.9	5410394.4
T10400.0	503274.4	5410394.4	41908.10156	309.33	0	48.846511	-86.955370	56173.74	56244.9	5.13	56178.87	56178.87109	56153.07178	56153.07031	503274.4	5410394.4
T10400.0	503272.9	5410394.4	41908.19922	308.47	0	48.846511	-86.955390	56175.11	56244.9	5.13	56180.24	56180.23828	56162.11262	56162.11328	503272.9	5410394.4
T10400.0	503271.4	5410394.4	41908.30078	307.10	0	48.846512	-86.955410	56175.98	56244.9	5.13	56181.11	56181.10938	56163.09148	56163.08984	503271.4	5410394.4
T10400.0	503271.4	5410394.4	41908.39844	306.88	0	48.846512	-86.955410	56176.88	56244.9	5.13	56182.00	56182.00000	56164.22521	56164.22656	503271.4	5410394.4
T10400.0	503269.9	5410394.4	41908.39844	306.88	0	48.846512	-86.955431	56177.79	56244.9	5.13	56182.92	56182.92188	56165.67660	56165.67578	503269.9	5410394.4
T10400.0	503267.9	5410394.4	41908.60156	307.59	0	48.846512	-86.955459	56178.45	56244.9	5.13	56183.58	56183.57813	56162.83241	56162.83203	503267.9	5410394.4
T10400.0	503267.9	5410394.4	41908.69922	307.77	0	48.846512	-86.955459	56179.78	56244.9	5.13	56184.91	56184.91016	56170.53387	56170.53516	503267.9	5410394.4
T10400.0	503266.3	5410394.4	41908.80078	308.89	0	48.846512	-86.955479	56180.37	56244.9	5.13	56185.50	56185.50000	56166.23730	56166.23828	503266.3	5410394.4
T10400.0	503264.1	5410394.5	41908.89844	308.77	0	48.846512	-86.955510	56181.83	56244.9	5.13	56186.96	56186.96094	56175.87285	56175.87109	503264.1	5410394.5
T10400.0	503262.8	5410394.5	41909.00000	307.99	0	48.846512	-86.955528	56182.22	56244.9	5.13	56187.35	56187.35156	56167.97421	56167.97266	503262.8	5410394.5
T10400.0	503262.8	5410394.5	41909.10156	308.54	0	48.846512	-86.955528	56183.27	56244.9	5.13	56188.39	56188.39063	56170.54438	56170.54297	503262.8	5410394.5
T10400.0	503261.4	5410394.4	41909.19922	310.13	0	48.846512	-86.955547	56184.12	56244.9	5.13	56189.25	56189.25000	56170.01737	56170.01563	503261.4	5410394.4
T10400.0	503261.4	5410394.4	41909.30078	309.63	0	48.846512	-86.955547	56185.12	56244.9	5.12	56190.24	56190.23828	56171.52710	56171.52734	503261.4	5410394.4
T10400.0	503259.7	5410394.4	41909.39844	310.34	0	48.846512	-86.955570	56186.26	56244.9	5.12	56191.38	56191.37891	56175.46480	56175.46484	503259.7	5410394.4
T10400.0	503257.9	5410394.4	41909.50000	310.62	0	48.846512	-86.955594	56187.05	56244.9	5.12	56192.17	56192.17188	56173.35879	56173.35938	503257.9	5410394.4
T10400.0	503256.8	5410394.4	41909.60156	311.19	0	48.846512	-86.955610	56187.88	56244.9	5.12	56193.00	56193.00000	56171.77678	56171.77734	503256.8	5410394.4
T10400.0	503256.8	5410394.4	41909.69922	310.74	0	48.846512	-86.955610	56188.87	56244.9	5.12	56193.98	56193.98047	56172.63786	56172.63672	503256.8	5410394.4
T10400.0	503255.1	5410394.4	41909.80078	310.84	0	48.846512	-86.955633	56190.15	56244.9	5.11	56195.27	56195.26953	56178.77718	56178.77734	503255.1	5410394.4
T10400.0	503253.4	5410394.4	41909.89844	310.82	0	48.846512	-86.955655	56190.59	56244.9	5.11	56195.71	56195.71094	56169.97678	56169.97656	503253.4	5410394.4
T10400.0	503252.1	5410394.4	41910.00000	310.11	0	48.846512	-86.955673	56192.38	56244.9	5.11	56197.49	56197.48828	56184.53526	56184.53516	503252.1	5410394.4
T10400.0	503252.1	5410394.4	41910.10156	311.11	0	48.846512	-86.955673	56192.92	56244.9	5.11	56198.03	56198.03125	56177.17066	56177.17188	503252.1	5410394.4
T10400.0	503250.2	5410394.5	41910.19922	309.02	0	48.846512	-86.955699	56193.90	56244.9	5.11	56199.01	56199.01172	56177.41950	56177.41797	503250.2	5410394.5
T10400.0	503250.2	5410394.5	41910.30078	309.02	0	48.846512	-86.955699	56194.41	56244.9	5.11	56199.52	56199.51953	56169.13611	56169.13672	503250.2	5410394.5
T10400.0	503248.6	5410394.5	41910.39844	308.09	0	48.846513	-86.955721	56194.91	56244.9	5.11	56200.02	56200.01953	56160.45179	56160.45313	503248.6	5410394.5
T10400.0	503246.6	5410394.5	41910.39844	308.09	0	48.846513	-86.955749	56196.04	56244.9	5.11	56201.15	56201.14844	56162.89022	56162.89063	503246.6	5410394.5
T10400.0	503245.0	5410394.6	41910.60156	310.06	0	48.846514	-86.955771	56197.12	56244.9	5.11	56202.23	56202.23047	56164.28572	56164.28516	503245.0	5410394.6
T10400.0	503243.7	5410394.6	41910.69922	309.68	0	48.846514	-86.955788	56198.56	56244.9	5.11	56203.67	56203.67188	56172.08133	56172.08203	503243.7	5410394.6
T10400.0	503243.7	5410394.6	41910.80078	309.46	0	48.846514	-86.955788	56199.26	56244.9	5.11	56204.37	56204.37109	56166.23328	56166.23438	503243.7	5410394.6
T10400.0	503241.7	5410394.7	41910.89844	309.40	0	48.846514	-86.955815	56201.46	56244.9	5.11	56206.57	56206.57031	56187.77354	56187.77344	503241.7	5410394.7
T10400.0	503241.7	5410394.7	41911.00000	310.16	0	48.846514	-86.955815	56202.21	56244.9	5.11	56207.32	56207.32031	56182.50670	56182.50781	503241.7	5410394.7
T10400.0	503239.9	5410394.8	41911.10156	309.84	0	48.846515	-86.955839	56203.84	56244.9	5.11	56208.94	56208.94141	56193.23690	56193.23828	503239.9	5410394.8
T10400.0	503238.2	5410394.8	41911.19922	310.04	0	48.846516	-86.955863	56204.53	56244.9	5.10	56209.64	56209.64063	56186.59779	56186.59766	503238.2	5410394.8
T10400.0	503238.2	5410394.8	41911.30078	311.36	0	48.846516	-86.955863	56206.35	56244.9	5.10	56211.45	56211.44922	56200.76469	56200.76563	503238.2	5410394.8
T10400.0	503236.5	5410394.9	41911.39844	311.56	0	48.846516	-86.955886	56207.30	56244.9	5.10	56212.40	56212.39844	56198.47879	56198.48047	503236.5	5410394.9
T10400.0	503234.8	5410394.9	41911.50000	310.49	0	48.846517	-86.955909	56208.02	56244.9	5.10	56213.11	56213.10938	56191.30630	56191.30469	503234.8	5410394.9
T10400.0	503234.8	5410394.9	41911.60156	312.18	0	48.846517	-86.955909	56208.72	56244.9	5.09	56213.82	56213.82031	56183.81346	56183.81250	503234.8	5410394.9
T10400.0	503233.0	5410395.0	41911.69922	310.53	0	48.846517	-86.955934	56209.76	56244.9	5.09	56214.85	56214.85156	56182.30580	56182.30469	503233.0	5410395.0
T10400.0	503231.6	5410395.0	41911.80078	312.29	0	48.846517	-86.955952	56212.06	56244.9	5.09	56217.15	56217.14844	56205.76223	56205.76172	503231.6	5410395.0
T10400.0	503231.6	5410395.0	41911.89844	312.58	0	48.846517	-86.955952	56213.09	56244.9	5.08	56218.18	56218.17969	56203.99652	56203.99609	503231.6	5410395.0
T10400.0	503230.5	5410395.0	41912.00000	313.23	0	48.846518	-86.955968	56214.54	56244.9	5.08	56219.62	56219.62109	56210.22401	56210.22266	503230.5	5410395.0
T10400.0	503229.0	5410395.1	41912.10156	312.87	0	48.846518	-86.955988	56215.20	56244.9	5.08	56220.28	56220.28125	56200.60138	56200.60156	503229.0	5410395.1
T10400.0	503229.0	5410395.1	41912.19922	315.18	0	48.846518	-86.955988	56216.34	56244.9	5.08	56221.42	56221.42188	56200.39733	56200.39844	503229.0	5410395.1
T10400.0	503227.7	5410395.1	41912.30078	314.69	0	48.846518	-86.956007	56217.48	56244.9	5.08	56222.56	56222.55859	56199.99069	56199.99219	503227.7	5410395.1
T10400.0	503226.0	5410395.1	41912.39844	314.24	0	48.846518	-86.956030	56218.89	56244.9	5.08	56223.97	56223.96875	56204.84033	56204.83984	503226.0	5410395.1
T10400.0	503224.8	5410395.1	41912.39844	314.24	0	48.846518	-86.956046	56220.44	56244.9	5.08	56225.52	56225.51953	56212.31060	56212.31250	503224.8	5410395.1
T10400.0	503224.8	5410395.1	41912.60156	312.56	0	48.846518	-86.956046	56221.40	56244.9	5.09	56226.49	56226.48828	56207.84965	56207.85156	503224.8	5410395.1
T10400.0	503223.1	5410395.0	41912.69922	313.24	0	48.846518	-86.956069	56222.84	56244.9	5.09	56227.93	56227.92969	56212.64915	56212.64844	503223.1	5410395.0
T10400.0	503221.7	5410395.0	41912.80078	311.66	0	48.846517	-86.956088	56223.45	56244.9	5.09	56228.53	56228.53125	56200.36666	56200.36719	503221.7	5410395.0
T10400.0	503220.5	5410395.0	41912.89844	311.38	0	48.846517	-86.956104	56225.04	56244.9	5.09	56230.12	56230.12109	56207.72875	56207.73047	503220.5	5410395.0
T10400.0	503220.5	5410395.0	41913.00000	311.68	0	48.846517	-86.956104	56225.75	56244.9	5.09	56230.84	56230.83984	56197.54081	56197.53906	503220.5	5410395.0
T10400.0	503218.9	5410394.9	41913.10156	311.28	0	48.846517	-86.956127	56227.43	56244.9	5.09	56232.52	56232.51953	56206.20023	56206.19922	503218.9	5410394.9
T10400.0	503217.5	5410394.9	41913.19922	310.95	0	48.846516	-86.956146	56228.68	56244.9	5.09	56233.77	56233.76953	56206.10936	56206.10938	503217.5	5410394.9
T10400.0	503217.5	5410394.9	41913.30078	311.27	0	48.846516	-86.956146	56230.34	56244.9	5.09	56235.42	56235.42188	56213.58897	56213.58984	503217.5	5410394.9
T10400.0	503215.5	5410394.8	41913.39844	311.27	0	48.846516	-86.956172	56231.72	56244.9	5.09	56236.80	56236.80078	56215.52189	56215.52344	503215.5	5410394.8
T10400.0	503213.9	5410394.8	41913.50000	309.60	0	48.846515	-86.956194	56233.05	56244.9	5.08	56238.14	56238.14063	56216.43213	56216.43359	503213.9	5410394.8
T10400.0	503212.7	5410394.8	41913.60156	310.02	0	48.846515	-86.956210	56234.57	56244.9	5.08	56239.66	56239.66016	56220.52793	56220.52734	503212.7	5410394.8
T10400.0	503212.7	5410394.8	41913.69922	310.84	0	48.846515	-86.956210	56235.52	56244.9	5.08	56240.60	56240.60156	56213.36165	56213.36328	503212.7	5410394.8
T10400.0	503211.2	5410394.7	41913.80078	310.82	0	48.846515	-86.956231	56236.85	56244.9	5.08	56241.93	56241.92969	56213.38261	56213.38281	503211.2	5410394.7
T10400.0	503209.5	5410394.7	41913.89844	311.80	0	48.846514	-86.956254	56238.38	56244.9	5.08	56243.46	56243.46094	56216.89687	56216.89844	503209.5	5410394.7
T10400.0	503209.5	5410394.7	41914.00000	313.27	0	48.846514	-86.956254	56239.92	56244.9	5.08	56245.00	56245.00000	56220.31009	56220.30859	503209.5	5410394.7
T10400.0	503207.1	5410394.6	41914.10156	312.20	0	48.846514	-86.956287	56241.34	56244.9	5.08	56246.42	56246.42188	56221.22227	56221.22266	503207.1	5410394.6
T10400.0	503205.8	5410394.6	41914.19922	312.18	0	48.846514	-86.956305	56242.70	56244.9	5.08	56247.77	56247.76953	56220.59163	56220.58984	503205.8	5410394.6
T10400.0	503204.2	5410394.6	41914.30078	311.01	0	48.846514	-86.956326	56243.58	56244.9	5.08	56248.66	56248.66016	56211.29764	56211.29688	503204.2	5410394.6
T10400.0	503202.7	5410394.6	41914.39844	311.01	0	48.846514	-86.956346	56245.63	56244.9	5.08	56250.71	56250.71094	56222.99043	56222.99219	503202.7	5410394.6
T10400.0	503202.7	5410394.6	41914.39844	311.64	0	48.846514	-86.956346	56247.38	56244.9	5.08	56252.46	56252.46094	56228.90867	56228.91016	503202.7	5410394.6
T10400.0	503200.9	5410394.7	41914.60156	309.98	0	48.846514	-86.956372	56248.90	56244.9	5.07	56253.98	56253.98047	56230.38712	56230.38672	503200.9	5410394.7
T10400.0	503199.6	5410394.7	41914.69922	309.15	0	48.846514	-86.956389	56250.65	56244.9	5.07	56255.72	56255.71875	56235.60592	56235.60547	503199.6	5410394.7
T10400.0	503198.1	5410394.7	41914.80078	310.41	0	48.846515	-86.956409	56252.37	56244.9	5.07	56257.44	56257.44141	56240.21232	56240.21094	503198.1	5410394.7
T10400.0	503198.1	5410394.7	41914.89844	310.35	0	48.846515	-86.956409	56253.86	56244.9	5.07	56258.93	56258.92969	56240.44357	56240.44531	503198.1	5410394.7
T10400.0	503196.7	5410394.7	41915.00000	310.57	0	48.846515	-86.956429	56255.33	56244.9	5.07	56260.40	56260.39844	56240.10696	56240.10547	503196.7	5410394.7
T10400.0	503194.9	5410394.7	41915.10156	309.74	0	48.846515	-86.956453	56257.42	56244.9	5.07	56262.49	56262.48828	56250.64382	56250.64453	503194.9	5410394.7
T10400.0	503194.9	5410394.7	41915.19922	310.66	0	48.846515	-86.956453	56259.25	56244.9	5.07	56264.32	56264.32031	56256.28889	56256.28906	503194.9	5410394.7
T10400.0	503193.6	5410394.8	41915.30078	310.06	0	48.846515	-86.956471	56261.33	56244.9	5.07	56266.40	56266.39844	56266.14040	56266.14063	503193.6	5410394.8
T10400.0	503192.1	5410394.8	41915.39844	310.06	0	48.846515	-86.956491	56263.11	56244.9	5.07	56268.18	56268.17969	56270.43755	56270.43750	503192.1	5410394.8

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
T10400.0	503190.4	5410394.8	41915.50000	309.87	0	48.846515	-86.956515	56264.13	56244.9	5.07	56269.20	56269.19922	56261.15822	56261.16016	503190.4	5410394.8
T10400.0	503190.4	5410394.8	41915.60156	310.74	0	48.846515	-86.956515	56264.90	56244.9	5.07	56269.97	56269.96875	56247.40683	56247.40625	503190.4	5410394.8
T10400.0	503189.0	5410394.8	41915.69922	310.13	0	48.846516	-86.956533	56266.55	56244.9	5.07	56271.62	56271.62109	56248.96140	56248.96094	503189.0	5410394.8
T10400.0	503187.5	5410394.8	41915.80078	311.01	0	48.846516	-86.956554	56268.34	56244.9	5.07	56273.41	56273.41016	56252.77928	56252.77734	503187.5	5410394.8
T10400.0	503187.5	5410394.8	41915.89844	311.55	0	48.846516	-86.956554	56270.46	56244.9	5.07	56275.53	56275.53125	56262.15720	56262.15625	503187.5	5410394.8
T10400.0	503186.3	5410394.8	41916.00000	310.08	0	48.846516	-86.956570	56272.72	56244.9	5.07	56277.79	56277.78906	56273.79578	56273.79688	503186.3	5410394.8
T10400.0	503185.2	5410394.8	41916.10156	309.87	0	48.846516	-86.956585	56274.79	56244.9	5.07	56279.86	56279.85938	56281.99846	56282.00000	503185.2	5410394.8
T10400.0	503183.8	5410394.8	41916.19922	311.00	0	48.846516	-86.956605	56276.82	56244.9	5.07	56281.89	56281.89063	56289.40849	56289.41016	503183.8	5410394.8
T10400.0	503183.8	5410394.8	41916.30078	309.92	0	48.846516	-86.956605	56277.91	56244.9	5.07	56282.98	56282.98047	56280.33339	56280.33203	503183.8	5410394.8
T10400.0	503182.2	5410394.8	41916.39844	309.92	0	48.846516	-86.956626	56279.75	56244.9	5.07	56284.82	56284.82031	56284.24023	56284.23828	503182.2	5410394.8
T10400.0	503180.7	5410394.9	41916.39844	310.50	0	48.846516	-86.956646	56281.08	56244.9	5.07	56286.15	56286.14844	56279.07306	56279.07422	503180.7	5410394.9
T10400.0	503179.8	5410394.9	41916.50000	310.04	0	48.846517	-86.956659	56282.66	56244.9	5.07	56287.73	56287.73047	56278.18329	56278.18359	503179.8	5410394.9
T10400.0	503179.8	5410394.9	41916.69922	307.81	0	48.846517	-86.956659	56284.08	56244.9	5.07	56289.15	56289.14844	56274.30659	56274.30469	503179.8	5410394.9
T10400.0	503178.3	5410394.9	41916.80078	309.22	0	48.846517	-86.956679	56285.95	56244.9	5.07	56291.01	56291.01172	56278.26052	56278.26172	503178.3	5410394.9
T10400.0	503176.3	5410395.0	41916.89844	310.61	0	48.846517	-86.956707	56288.20	56244.9	5.07	56293.27	56293.26953	56289.55612	56289.55469	503176.3	5410395.0
T10400.0	503176.3	5410395.0	41917.00000	309.99	0	48.846517	-86.956707	56289.75	56244.9	5.07	56294.82	56294.82031	56287.87746	56287.87891	503176.3	5410395.0
T10400.0	503174.9	5410395.0	41917.10156	309.14	0	48.846518	-86.956726	56291.26	56244.9	5.07	56296.33	56296.32813	56285.37810	56285.37891	503174.9	5410395.0
T10400.0	503173.8	5410395.1	41917.19922	311.26	0	48.846518	-86.956740	56292.45	56244.9	5.07	56297.53	56297.53125	56276.95326	56276.95313	503173.8	5410395.1
T10400.0	503172.4	5410395.1	41917.30078	313.39	0	48.846518	-86.956761	56294.55	56244.9	5.07	56299.62	56299.62109	56285.32993	56285.32813	503172.4	5410395.1
T10400.0	503171.3	5410395.1	41917.39844	313.39	0	48.846519	-86.956775	56296.11	56244.9	5.07	56301.18	56301.17969	56283.68115	56283.67969	503171.3	5410395.1
T10400.0	503171.3	5410395.1	41917.50000	312.51	0	48.846519	-86.956775	56298.89	56244.9	5.08	56303.97	56303.96875	56305.86866	56305.86719	503171.3	5410395.1
T10400.0	503169.7	5410395.2	41917.60156	312.71	0	48.846519	-86.956796	56300.49	56244.9	5.08	56305.57	56305.57031	56305.20055	56305.19922	503169.7	5410395.2
T10400.0	503168.5	5410395.2	41917.69922	315.71	0	48.846519	-86.956812	56302.16	56244.9	5.08	56307.24	56307.23828	56305.94494	56305.94531	503168.5	5410395.2
T10400.0	503168.5	5410395.2	41917.80078	315.25	0	48.846519	-86.956812	56303.58	56244.9	5.08	56308.66	56308.66016	56301.82249	56301.82422	503168.5	5410395.2
T10400.0	503167.1	5410395.3	41917.89844	314.88	0	48.846520	-86.956832	56305.86	56244.9	5.08	56310.93	56310.92969	56314.60341	56314.60156	503167.1	5410395.3
T10400.0	503166.1	5410395.3	41918.00000	312.93	0	48.846520	-86.956846	56308.08	56244.9	5.08	56313.16	56313.16016	56326.77278	56326.77344	503166.1	5410395.3
T10400.0	503164.9	5410395.3	41918.10156	313.35	0	48.846520	-86.956862	56309.86	56244.9	5.08	56314.94	56314.94141	56330.11727	56330.11719	503164.9	5410395.3
T10400.0	503164.9	5410395.3	41918.19922	312.23	0	48.846520	-86.956862	56311.77	56244.9	5.08	56316.85	56316.85156	56336.16212	56336.16406	503164.9	5410395.3
T10400.0	503163.8	5410395.3	41918.30078	312.24	0	48.846521	-86.956877	56313.46	56244.9	5.07	56318.54	56318.53906	56337.91386	56337.91406	503163.8	5410395.3
T10400.0	503162.8	5410395.3	41918.39844	312.24	0	48.846521	-86.956891	56314.43	56244.9	5.07	56319.50	56319.50000	56325.21211	56325.21094	503162.8	5410395.3
T10400.0	503162.8	5410395.3	41918.39844	311.13	0	48.846521	-86.956891	56315.32	56244.9	5.07	56320.39	56320.39063	56311.30781	56311.30859	503162.8	5410395.3
T10400.0	503161.5	5410395.4	41918.60156	310.97	0	48.846521	-86.956908	56317.29	56244.9	5.07	56322.35	56322.35156	56318.84981	56318.85156	503161.5	5410395.4
T10400.0	503160.4	5410395.3	41918.69922	309.48	0	48.846521	-86.956923	56319.46	56244.9	5.07	56324.52	56324.51953	56330.62281	56330.62109	503160.4	5410395.3
T10400.0	503159.2	5410395.3	41918.80078	310.60	0	48.846521	-86.956939	56321.55	56244.9	5.06	56326.61	56326.60938	56340.85786	56340.85938	503159.2	5410395.3
T10400.0	503159.2	5410395.3	41918.89844	309.59	0	48.846521	-86.956939	56323.23	56244.9	5.06	56328.30	56328.30078	56343.33642	56343.33594	503159.2	5410395.3
T10400.0	503158.2	5410395.3	41919.00000	310.79	0	48.846520	-86.956953	56325.07	56244.9	5.06	56330.13	56330.12891	56348.64999	56348.64844	503158.2	5410395.3
T10400.0	503156.9	5410395.3	41919.10156	311.89	0	48.846520	-86.956971	56326.42	56244.9	5.06	56331.48	56331.48047	56344.83224	56344.83203	503156.9	5410395.3
T10400.0	503155.9	5410395.2	41919.19922	311.91	0	48.846520	-86.956984	56327.07	56244.9	5.06	56332.13	56332.12891	56327.87315	56327.87500	503155.9	5410395.2
T10400.0	503155.9	5410395.2	41919.30078	312.17	0	48.846520	-86.956984	56328.59	56244.9	5.06	56333.65	56333.64844	56327.79390	56327.79297	503155.9	5410395.2
T10400.0	503155.0	5410395.2	41919.39844	311.81	0	48.846520	-86.956997	56330.91	56244.9	5.06	56335.97	56335.96875	56342.95162	56342.95313	503155.0	5410395.2
T10400.0	503155.0	5410395.2	41919.50000	311.12	0	48.846520	-86.956997	56332.20	56244.9	5.06	56337.26	56337.26172	56338.79158	56338.79297	503155.0	5410395.2
T10400.0	503152.8	5410395.2	41919.60156	310.87	0	48.846519	-86.957027	56334.31	56244.9	5.06	56339.37	56339.37109	56350.11755	56350.11719	503152.8	5410395.2
T10400.0	503152.8	5410395.2	41919.69922	310.37	0	48.846519	-86.957027	56335.58	56244.9	5.06	56340.64	56340.64063	56345.90461	56345.90625	503152.8	5410395.2
T10400.0	503151.9	5410395.2	41919.80078	311.57	0	48.846519	-86.957039	56337.40	56244.9	5.06	56342.46	56342.46094	56352.03212	56352.03125	503151.9	5410395.2
T10400.0	503151.9	5410395.2	41919.89844	312.71	0	48.846519	-86.957039	56338.52	56244.9	5.06	56343.58	56343.57813	56345.40696	56345.40625	503151.9	5410395.2
T10400.0	503150.9	5410395.2	41920.00000	309.59	0	48.846519	-86.957052	56340.48	56244.9	5.06	56345.54	56345.53906	56354.32891	56354.32813	503150.9	5410395.2
T10400.0	503149.8	5410395.1	41920.10156	311.09	0	48.846519	-86.957068	56342.20	56244.9	5.06	56347.26	56347.26172	56358.95218	56358.95313	503149.8	5410395.1
T10400.0	503148.8	5410395.1	41920.19922	310.50	0	48.846519	-86.957081	56344.02	56244.9	5.07	56349.08	56349.07813	56365.48390	56365.48438	503148.8	5410395.1
T10400.0	503148.1	5410395.1	41920.30078	312.60	0	48.846518	-86.957091	56345.64	56244.9	5.07	56350.71	56350.71094	56368.69194	56368.69141	503148.1	5410395.1
T10400.0	503148.1	5410395.1	41920.39844	311.29	0	48.846518	-86.957091	56347.14	56244.9	5.07	56352.22	56352.21875	56369.88412	56369.88281	503148.1	5410395.1
T10400.0	503147.1	5410395.0	41920.39844	311.29	0	48.846518	-86.957105	56348.75	56244.9	5.07	56353.83	56353.82813	56373.00772	56373.00781	503147.1	5410395.0
T10400.0	503146.1	5410395.0	41920.60156	311.70	0	48.846517	-86.957118	56349.96	56244.9	5.08	56355.03	56355.03125	56369.01668	56369.01563	503146.1	5410395.0
T10400.0	503146.1	5410395.0	41920.69922	309.49	0	48.846517	-86.957118	56351.94	56244.9	5.08	56357.02	56357.01953	56379.16965	56379.16797	503146.1	5410395.0
T10400.0	503145.1	5410394.9	41920.80078	309.81	0	48.846517	-86.957132	56352.96	56244.9	5.08	56358.04	56358.03906	56372.37675	56372.37500	503145.1	5410394.9
T10400.0	503144.3	5410394.9	41920.89844	309.67	0	48.846517	-86.957143	56354.57	56244.9	5.09	56359.66	56359.66016	56376.34274	56376.34375	503144.3	5410394.9
T10400.0	503144.3	5410394.9	41921.00000	309.37	0	48.846517	-86.957143	56356.11	56244.9	5.09	56361.20	56361.19922	56379.09281	56379.09375	503144.3	5410394.9
T10400.0	503143.5	5410394.8	41921.10156	309.01	0	48.846516	-86.957154	56357.31	56244.9	5.09	56362.39	56362.39063	56375.89848	56375.89844	503143.5	5410394.8
T10400.0	503142.9	5410394.8	41921.19922	309.12	0	48.846515	-86.957162	56358.81	56244.9	5.09	56363.90	56363.89844	56378.54025	56378.53906	503142.9	5410394.8
T10400.0	503141.9	5410394.7	41921.30078	309.56	0	48.846515	-86.957175	56360.12	56244.9	5.09	56365.21	56365.21094	56377.88388	56377.88281	503141.9	5410394.7
T10400.0	503141.9	5410394.7	41921.39844	309.56	0	48.846515	-86.957175	56361.52	56244.9	5.09	56366.61	56366.60938	56379.04782	56379.04688	503141.9	5410394.7
T10400.0	503141.1	5410394.6	41921.50000	312.79	0	48.846514	-86.957187	56362.43	56244.9	5.09	56367.52	56367.51953	56371.72412	56371.72266	503141.1	5410394.6
T10400.0	503141.1	5410394.6	41921.60156	313.59	0	48.846514	-86.957187	56363.79	56244.9	5.09	56368.88	56368.87891	56372.63298	56372.63281	503141.1	5410394.6
T10400.0	503140.3	5410394.5	41921.69922	311.60	0	48.846513	-86.957198	56365.22	56244.9	5.09	56370.31	56370.30859	56375.07678	56375.07813	503140.3	5410394.5
T10400.0	503139.3	5410394.4	41921.80078	309.84	0	48.846513	-86.957211	56366.80	56244.9	5.09	56371.89	56371.89063	56380.56240	56380.56250	503139.3	5410394.4
T10400.0	503138.7	5410394.4	41921.89844	309.44	0	48.846512	-86.957219	56368.20	56244.9	5.09	56373.29	56373.28906	56383.12298	56383.12109	503138.7	5410394.4
T10400.0	503138.7	5410394.4	41922.00000	311.72	0	48.846512	-86.957219	56369.35	56244.9	5.09	56374.44	56374.44141	56381.41370	56381.41406	503138.7	5410394.4
T10400.0	503137.9	5410394.3	41922.10156	311.54	0	48.846512	-86.957230	56370.73	56244.9	5.09	56375.82	56375.82031	56384.29753	56384.29688	503137.9	5410394.3
T10400.0	503137.2	5410394.3	41922.19922	309.78	0	48.846512	-86.957239	56372.36	56244.9	5.10	56377.45	56377.44922	56392.26985	56392.26953	503137.2	5410394.3
T10400.0	503136.4	5410394.3	41922.30078	312.32	0	48.846511	-86.957251	56373.38	56244.9	5.10	56378.48	56378.48047	56389.39542	56389.39453	503136.4	5410394.3
T10400.0	503136.4	5410394.3	41922.39844	312.32	0	48.846511	-86.957251	56374.22	56244.9	5.10	56379.32	56379.32031	56383.27761	56383.27734	503136.4	5410394.3
T10400.0	503135.5	5410394.3	41922.39844	311.45	0	48.846511	-86.957262	56376.14	56244.9	5.10	56381.24	56381.23828	56398.13690	56398.13672	503135.5	5410394.3
T10400.0	503135.5	5410394.3	41922.60156	311.32	0	48.846511	-86.957262	56377.52	56244.9	5.11	56382.63	56382.62891	56403.41491	56403.41406	503135.5	5410394.3
T10400.0	503134.9	5410394.3	41922.69922	311.80	0	48.846511	-86.957271	56378.79	56244.9	5.11	56383.90	56383.89844	56406.88301	56406.88281	503134.9	5410394.3
T10400.0	503134.2	5410394.3	41922.80078	311.87	0	48.846511	-86.957280	56379.82	56244.9	5.11	56384.93	56384.92969	56406.22645	56406.22656	503134.2	5410394.3
T10400.0	503134.2	5410394.3	41922.89844	313.75	0	48.846511	-86.957280	56381.09	56244.9	5.12	56386.20	56386.19922	56410.69800	56410.69922	503134.2	5410394.3
T10400.0	503133.4	5410394.3	41923.00000	312.20	0	48.846511	-86.957292	56382.06	56244.9	5.12	56387.18	56387.17969	56410.10508	56410.10547	503133.4	5410394.3
T10400.0	503132.8	5410394.3	41923.10156	313.55	0	48.846511	-86.957300	56383.06	56244.9	5.12	56388.18	56388.17969	56410.44184	56410.44141	503132.8	5410394.3
T10400.0	503132.3	5410394.3	41923.19922	313.64	0	48.846511	-86.957307	56384.10	56244.9	5.12	56389.22	56389.21875	56412.11102	56412.10938	503132.3	5410394.3
T10400.0	503132.3	5410394.3	41923.30078	308.90	0	48.846511	-86.957307	56385.99	56244.9	5.12	56391.11	56391.10938	56430.68758	56430.68750	503132.3	5410394.3
T10400.0	503131.7	5410394.3	41923.39844	310.87	0	48.846511	-86.957314	56386.70	56244.9	5.12	56391.82	56391.82031	56427.15004	56427.14844	503131.7	5410394.3
T10400.0	503131.1	5410394.3	41923.50000	311.78	0	48.846511	-86.957323	56387.37	56244.9	5.12	56392.49	56392.48828	56423.46204	56423.46094	503131.1	5410394.3
T10400.0	503131.1	5410394.3	41923.60156	312.04	0	48.846511	-86.957323	56388.57	56244.9	5.12	56393.69	56393.69141	56430.51584	56430.51563	503131.1	5410394.3
T10400.0	503130.6	5410394.3	41923.69922	310.10	0	48.846511	-86.957329	56389.89	56244.9	5.12	56395.01	56395.01172	56440.43397	56440.43359	503130.6	5410394.3
T10400.0	503130.0	5410394.3	41923.80078	310.46	0	48.846511	-86.957337	56390.96	56244.9	5.12	56396.08	56396.07813	56446.17510	56446.17578	503130.0	5410394.3
T10400.0	503129.5	5410394.2	41923.89844	310.23	0	48.846511	-86.957344	56392.27	56244.9	5.12	56397.39	56397.39063	56457.05086	56457.05078	503129.5	5410394.2
T10400.0	503129.5	5410394.2	41924.00000	313.90	0	48.846511	-86.957344	56393.01	56244.9	5.12	56398.13	56398.12891	56457.73175	56457.73047	503129.5	5410394.2
T10400.0	503129.1	5410394.2	41924.10156	314.11	0	48.846511	-86.957350	56393.42	56244.9	5.12	56398.54	56398.53906	56452.81679	56452.81641	503129.1	5410394.2
T10400.0	503128.7	5410394.1	41924.19922	314.20	0	48.846510	-86.957355	56394.11	56244.9	5.12	56399.22	56399.21875	56453.61489	56453.61328	503128.7	5410394.1
T10400.0	503128.7	5410394.1	41924.30078	311.90	0	48.846510	-86.957355	56395.10	56244.9	5.11	56400.22	56400.21875	56461.01167	56461.01172	503128.7	5410394.1
T10400.0	503128.2	5410394.1	41924.39844	311.11	0	48.846510	-86.957362	56395.71	56244.9	5.11	56400.83	56400.82813	56461.67232	56461.67188	503128.2	5410394.1
T10460.0	504195.4	5410459.0	75217.50000	324.58	0	48.847087	-86.942815	56254.31	56246.7	3.30	56257.60	56257.60156	56301.06867	56301.07031	504195.4	5410459.0
T10460.0	504195.5	5410459.0	75217.60156	324.29	0	48.847088	-86.942814	56254.68	56246.7	3.30	56257.98	56257.98047	56306.49986	56306.50000	504195.5	5410459.0
T10460.0	504195.6	5410459.1	75217.60156	322.04	0	48.847088	-86.942812	56255.09	56246.7	3.30	56258.39	56258.39063	56312.71588	56312.71484	504195.6	5410459.1

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
T10460.0	504195.6	5410459.1	75217.79688	322.78	0	48.847088	-86.942812	56255.07	56246.7	3.30	56258.36	56258.35938	56308.74438	56308.74609	504195.6	5410459.1
T10460.0	504195.8	5410459.1	75217.89844	322.69	0	48.847088	-86.942810	56255.12	56246.7	3.30	56258.42	56258.42188	56306.97625	56306.97656	504195.8	5410459.1
T10460.0	504195.9	5410459.1	75218.00000	323.19	0	48.847088	-86.942808	56255.25	56246.7	3.30	56258.55	56258.55078	56306.95487	56306.95313	504195.9	5410459.1
T10460.0	504195.9	5410459.1	75218.10156	321.47	0	48.847088	-86.942808	56255.40	56246.7	3.30	56258.70	56258.69922	56307.52318	56307.52344	504195.9	5410459.1
T10460.0	504196.1	5410459.2	75218.20313	321.86	0	48.847089	-86.942806	56255.29	56246.7	3.30	56258.59	56258.58984	56302.07038	56302.07031	504196.1	5410459.2
T10460.0	504196.3	5410459.2	75218.29688	322.27	0	48.847089	-86.942803	56254.92	56246.7	3.30	56258.22	56258.21875	56290.50148	56290.50000	504196.3	5410459.2
T10460.0	504196.3	5410459.2	75218.39844	323.12	0	48.847089	-86.942803	56254.76	56246.7	3.30	56258.06	56258.05859	56283.91926	56283.91797	504196.3	5410459.2
T10460.0	504196.4	5410459.2	75218.50000	323.88	0	48.847089	-86.942802	56254.38	56246.7	3.30	56257.68	56257.67969	56272.04014	56272.03906	504196.4	5410459.2
T10460.0	504196.6	5410459.2	75218.60156	327.43	0	48.847089	-86.942799	56254.58	56246.7	3.30	56257.88	56257.87891	56274.12931	56274.12891	504196.6	5410459.2
T10460.0	504196.6	5410459.2	75218.70313	328.08	0	48.847089	-86.942799	56254.43	56246.7	3.30	56257.73	56257.73047	56267.76071	56267.76172	504196.6	5410459.2
T10460.0	504196.8	5410459.2	75218.79688	326.98	0	48.847089	-86.942797	56254.68	56246.7	3.30	56257.98	56257.98047	56271.20836	56271.20703	504196.8	5410459.2
T10460.0	504197.0	5410459.2	75218.89844	327.75	0	48.847089	-86.942794	56254.43	56246.7	3.30	56257.73	56257.73047	56262.37340	56262.37500	504197.0	5410459.2
T10460.0	504197.2	5410459.2	75219.00000	329.83	0	48.847089	-86.942791	56254.23	56246.7	3.30	56257.53	56257.53125	56254.73055	56254.73047	504197.2	5410459.2
T10460.0	504197.2	5410459.2	75219.10156	328.15	0	48.847089	-86.942791	56254.58	56246.7	3.30	56257.88	56257.87891	56260.86112	56260.85938	504197.2	5410459.2
T10460.0	504197.5	5410459.2	75219.20313	329.70	0	48.847089	-86.942787	56254.61	56246.7	3.30	56257.91	56257.91016	56259.05133	56259.05078	504197.5	5410459.2
T10460.0	504197.8	5410459.2	75219.29688	329.82	0	48.847089	-86.942783	56254.82	56246.7	3.30	56258.12	56258.12109	56261.84762	56261.84766	504197.8	5410459.2
T10460.0	504198.0	5410459.1	75219.39844	326.91	0	48.847088	-86.942780	56254.84	56246.7	3.30	56258.14	56258.14063	56259.89653	56259.89844	504198.0	5410459.1
T10460.0	504198.0	5410459.1	75219.50000	328.81	0	48.847088	-86.942780	56255.02	56246.7	3.30	56258.32	56258.32031	56262.07310	56262.07422	504198.0	5410459.1
T10460.0	504198.4	5410459.1	75219.60156	329.82	0	48.847088	-86.942774	56255.50	56246.7	3.30	56258.80	56258.80078	56271.97678	56271.97656	504198.4	5410459.1
T10460.0	504198.8	5410459.0	75219.60156	329.87	0	48.847087	-86.942769	56255.96	56246.7	3.30	56259.26	56259.26172	56281.43625	56281.43750	504198.8	5410459.0
T10460.0	504198.8	5410459.0	75219.79688	331.60	0	48.847087	-86.942769	56255.50	56246.7	3.30	56258.80	56258.80078	56267.44356	56267.44531	504198.8	5410459.0
T10460.0	504199.1	5410458.9	75219.89844	330.07	0	48.847086	-86.942765	56255.83	56246.7	3.30	56259.13	56259.12891	56273.66800	56273.66797	504199.1	5410458.9
T10460.0	504199.5	5410458.8	75220.00000	328.00	0	48.847086	-86.942759	56255.71	56246.7	3.30	56259.01	56259.01172	56268.46974	56268.46875	504199.5	5410458.8
T10460.0	504199.5	5410458.8	75220.10156	325.24	0	48.847086	-86.942759	56256.12	56246.7	3.30	56259.42	56259.42188	56276.78547	56276.78516	504199.5	5410458.8
T10460.0	504199.9	5410458.8	75220.20313	324.26	0	48.847085	-86.942755	56255.88	56246.7	3.30	56259.18	56259.17969	56268.67143	56268.67188	504199.9	5410458.8
T10460.0	504200.3	5410458.7	75220.29688	324.43	0	48.847084	-86.942749	56255.89	56246.7	3.30	56259.19	56259.19141	56266.95832	56266.95703	504200.3	5410458.7
T10460.0	504200.7	5410458.6	75220.39844	324.57	0	48.847084	-86.942743	56255.98	56246.7	3.30	56259.28	56259.28125	56267.31365	56267.31250	504200.7	5410458.6
T10460.0	504200.7	5410458.6	75220.50000	324.70	0	48.847084	-86.942743	56256.22	56246.7	3.30	56259.52	56259.51953	56271.45928	56271.46094	504200.7	5410458.6
T10460.0	504201.2	5410458.6	75220.60156	323.58	0	48.847083	-86.942737	56256.16	56246.7	3.30	56259.46	56259.46094	56268.16531	56268.16406	504201.2	5410458.6
T10460.0	504201.6	5410458.5	75220.70313	325.11	0	48.847083	-86.942731	56256.45	56246.7	3.30	56259.75	56259.75000	56273.61551	56273.61719	504201.6	5410458.5
T10460.0	504201.6	5410458.5	75220.79688	328.08	0	48.847083	-86.942731	56255.94	56246.7	3.30	56259.24	56259.23828	56259.32349	56259.32422	504201.6	5410458.5
T10460.0	504202.1	5410458.5	75220.89844	326.84	0	48.847082	-86.942724	56255.83	56246.7	3.30	56259.13	56259.12891	56255.00856	56255.00781	504202.1	5410458.5
T10460.0	504202.1	5410458.5	75221.00000	326.84	0	48.847082	-86.942724	56255.84	56246.7	3.30	56259.14	56259.14063	56253.70297	56253.70313	504202.1	5410458.5
T10460.0	504203.2	5410458.4	75221.10156	325.57	0	48.847082	-86.942710	56256.01	56246.7	3.30	56259.31	56259.30859	56256.36554	56256.36719	504203.2	5410458.4
T10460.0	504203.2	5410458.4	75221.20313	326.42	0	48.847082	-86.942710	56256.20	56246.7	3.30	56259.50	56259.50000	56259.54786	56259.54688	504203.2	5410458.4
T10460.0	504203.7	5410458.4	75221.29688	326.15	0	48.847082	-86.942702	56256.47	56246.7	3.30	56259.78	56259.78125	56264.96526	56264.96484	504203.7	5410458.4
T10460.0	504204.1	5410458.4	75221.39844	326.74	0	48.847081	-86.942696	56256.44	56246.7	3.30	56259.74	56259.73828	56262.57830	56262.57813	504204.1	5410458.4
T10460.0	504204.1	5410458.4	75221.50000	326.43	0	48.847081	-86.942696	56256.75	56246.7	3.31	56260.06	56260.05859	56269.03804	56269.03906	504204.1	5410458.4
T10460.0	504204.9	5410458.4	75221.60156	326.31	0	48.847081	-86.942686	56256.93	56246.7	3.31	56260.24	56260.23828	56272.10005	56272.10156	504204.9	5410458.4
T10460.0	504205.3	5410458.4	75221.60156	326.24	0	48.847081	-86.942680	56256.78	56246.7	3.31	56260.08	56260.07813	56266.87305	56266.87500	504205.3	5410458.4
T10460.0	504205.3	5410458.4	75221.79688	325.42	0	48.847081	-86.942680	56256.86	56246.7	3.31	56260.17	56260.17188	56267.78883	56267.78906	504205.3	5410458.4
T10460.0	504206.1	5410458.4	75221.89844	324.64	0	48.847081	-86.942670	56256.61	56246.7	3.31	56259.91	56259.91016	56260.18722	56260.18750	504206.1	5410458.4
T10460.0	504206.7	5410458.4	75222.00000	325.59	0	48.847081	-86.942662	56256.44	56246.7	3.31	56259.75	56259.75000	56255.06692	56255.06641	504206.7	5410458.4
T10460.0	504206.7	5410458.4	75222.10156	326.19	0	48.847081	-86.942662	56256.53	56246.7	3.31	56259.84	56259.83984	56256.07124	56256.07031	504206.7	5410458.4
T10460.0	504207.4	5410458.4	75222.20313	326.33	0	48.847082	-86.942652	56256.61	56246.7	3.32	56259.92	56259.92188	56256.85380	56256.85547	504207.4	5410458.4
T10460.0	504208.1	5410458.4	75222.29688	324.63	0	48.847082	-86.942642	56256.53	56246.7	3.32	56259.85	56259.85156	56254.02024	56254.01953	504208.1	5410458.4
T10460.0	504208.1	5410458.4	75222.39844	324.39	0	48.847082	-86.942642	56256.77	56246.7	3.32	56260.09	56260.08984	56258.71807	56258.71875	504208.1	5410458.4
T10460.0	504208.8	5410458.5	75222.50000	323.89	0	48.847083	-86.942633	56256.73	56246.7	3.32	56260.05	56260.05078	56256.65842	56256.66016	504208.8	5410458.5
T10460.0	504209.6	5410458.6	75222.60156	324.86	0	48.847083	-86.942622	56256.91	56246.7	3.33	56260.23	56260.23047	56259.92160	56259.92188	504209.6	5410458.6
T10460.0	504209.6	5410458.6	75222.70313	326.46	0	48.847083	-86.942622	56256.81	56246.7	3.33	56260.14	56260.14063	56256.70473	56256.70313	504209.6	5410458.6
T10460.0	504210.4	5410458.6	75222.79688	324.39	0	48.847084	-86.942612	56256.66	56246.7	3.33	56259.99	56259.98828	56252.08588	56252.08594	504210.4	5410458.6
T10460.0	504211.1	5410458.7	75222.89844	326.80	0	48.847085	-86.942601	56257.06	56246.7	3.34	56260.40	56260.39844	56260.87197	56260.87109	504211.1	5410458.7
T10460.0	504211.9	5410458.8	75223.00000	326.07	0	48.847085	-86.942591	56256.93	56246.7	3.34	56260.27	56260.26953	56256.77459	56256.77344	504211.9	5410458.8
T10460.0	504211.9	5410458.8	75223.10156	325.63	0	48.847085	-86.942591	56256.85	56246.7	3.34	56260.19	56260.19141	56253.90506	56253.90625	504211.9	5410458.8
T10460.0	504212.5	5410458.9	75223.20313	324.18	0	48.847086	-86.942583	56256.96	56246.7	3.34	56260.29	56260.28906	56255.31856	56255.32031	504212.5	5410458.9
T10460.0	504213.6	5410459.0	75223.29688	323.95	0	48.847087	-86.942568	56257.01	56246.7	3.34	56260.35	56260.35156	56255.79369	56255.79297	504213.6	5410459.0
T10460.0	504214.4	5410459.0	75223.39844	323.58	0	48.847087	-86.942557	56257.59	56246.7	3.34	56260.93	56260.92969	56268.41386	56268.41406	504214.4	5410459.0
T10460.0	504214.4	5410459.0	75223.50000	326.01	0	48.847087	-86.942557	56257.86	56246.7	3.33	56261.19	56261.19141	56273.47004	56273.46875	504214.4	5410459.0
T10460.0	504215.0	5410459.1	75223.60156	325.94	0	48.847088	-86.942548	56257.95	56246.7	3.33	56261.28	56261.28125	56274.54549	56274.54688	504215.0	5410459.1
T10460.0	504215.9	5410459.2	75223.60156	325.30	0	48.847088	-86.942536	56257.80	56246.7	3.33	56261.13	56261.12891	56270.11205	56270.11328	504215.9	5410459.2
T10460.0	504216.9	5410459.2	75223.79688	325.51	0	48.847089	-86.942522	56257.95	56246.7	3.33	56261.28	56261.28125	56272.56121	56272.56250	504216.9	5410459.2
T10460.0	504216.9	5410459.2	75223.89844	323.77	0	48.847089	-86.942522	56257.44	56246.7	3.33	56260.77	56260.76953	56260.09148	56260.08984	504216.9	5410459.2
T10460.0	504217.8	5410459.3	75224.00000	323.99	0	48.847090	-86.942511	56257.98	56246.7	3.33	56261.31	56261.30859	56271.31414	56271.31250	504217.8	5410459.3
T10460.0	504218.6	5410459.3	75224.10156	325.03	0	48.847090	-86.942499	56257.59	56246.7	3.33	56260.93	56260.92969	56261.93862	56261.93750	504218.6	5410459.3
T10460.0	504218.6	5410459.3	75224.20313	321.86	0	48.847090	-86.942499	56257.64	56246.7	3.34	56260.98	56260.98047	56262.18615	56262.18750	504218.6	5410459.3
T10460.0	504219.5	5410459.4	75224.29688	321.99	0	48.847091	-86.942487	56257.75	56246.7	3.34	56261.08	56261.07813	56263.52831	56263.52734	504219.5	5410459.4
T10460.0	504220.4	5410459.4	75224.39844	323.12	0	48.847091	-86.942475	56257.88	56246.7	3.34	56261.22	56261.21875	56265.72715	56265.72656	504220.4	5410459.4
T10460.0	504221.1	5410459.5	75224.50000	321.90	0	48.847091	-86.942465	56257.86	56246.7	3.35	56261.20	56261.19922	56264.44544	56264.44531	504221.1	5410459.5
T10460.0	504221.1	5410459.5	75224.60156	320.44	0	48.847091	-86.942465	56257.70	56246.7	3.35	56261.05	56261.05078	56260.38153	56260.38281	504221.1	5410459.5
T10460.0	504222.0	5410459.5	75224.70313	319.79	0	48.847092	-86.942453	56257.80	56246.6	3.35	56261.15	56261.14844	56261.71714	56261.71875	504222.0	5410459.5
T10460.0	504222.9	5410459.5	75224.79688	320.91	0	48.847092	-86.942440	56258.03	56246.6	3.35	56261.38	56261.37891	56265.84030	56265.83984	504222.9	5410459.5
T10460.0	504223.9	5410459.6	75224.89844	321.54	0	48.847092	-86.942428	56258.20	56246.6	3.36	56261.56	56261.55859	56268.89496	56268.89453	504223.9	5410459.6
T10460.0	504223.9	5410459.6	75225.00000	319.09	0	48.847092	-86.942428	56258.16	56246.6	3.36	56261.52	56261.51953	56267.23544	56267.23438	504223.9	5410459.6
T10460.0	504224.8	5410459.6	75225.10156	320.22	0	48.847092	-86.942415	56258.16	56246.6	3.36	56261.52	56261.51953	56266.43816	56266.43750	504224.8	5410459.6
T10460.0	504225.9	5410459.6	75225.20313	320.27	0	48.847092	-86.942400	56258.13	56246.6	3.36	56261.49	56261.48828	56264.99046	56264.99219	504225.9	5410459.6
T10460.0	504225.9	5410459.6	75225.29688	320.87	0	48.847092	-86.942400	56258.34	56246.6	3.36	56261.70	56261.69922	56268.75663	56268.75781	504225.9	5410459.6
T10460.0	504227.4	5410459.6	75225.39844	320.65	0	48.847093	-86.942379	56258.36	56246.6	3.36	56261.71	56261.71094	56268.18772	56268.18750	504227.4	5410459.6
T10460.0	504228.4	5410459.7	75225.50000	321.51	0	48.847093	-86.942366	56258.29	56246.6	3.35	56261.64	56261.64063	56265.85521	56265.85547	504228.4	5410459.7
T10460.0	504228.4	5410459.7	75225.60156	323.17	0	48.847093	-86.942366	56258.62	56246.6	3.35	56261.97	56261.96875	56272.34701	56272.34766	504228.4	5410459.7
T10460.0	504229.6	5410459.7	75225.60156	322.70	0	48.847093	-86.942350	56258.31	56246.6	3.35	56261.66	56261.66016	56264.67361	56264.67188	504229.6	5410459.7
T10460.0	504230.4	5410459.7	75225.79688	324.02	0	48.847093	-86.942339	56258.57	56246.6	3.35	56261.92	56261.92188	56269.66787	56269.66797	504230.4	5410459.7
T10460.0	504231.4	5410459.7	75225.89844	323.72	0	48.847093	-86.942325	56258.66	56246.6	3.35	56262.01	56262.01172	56270.89145	56270.89063	504231.4	5410459.7
T10460.0	504231.4	5410459.7	75226.00000	325.68	0	48.847093	-86.942325	56258.80	56246.7	3.35	56262.15	56262.14844	56273.25751	56273.25781	504231.4	5410459.7
T10460.0	504232.2	5410459.7	75226.10156	327.48	0	48.847093	-86.942314	56258.66	56246.7	3.35	56262.01	56262.01172	56269.28003	56269.28125	504232.2	5410459.7
T10460.0	504233.5	5410459.7	75226.20313	326.57	0	48.847094	-86.942296	56258.75	56246.7	3.35	56262.10	56262.10156	56270.51608	56270.51563	504233.5	5410459.7
T10460.0	504233.5	5410459.7	75226.29688	326.64	0	48.847094	-86.942296	56258.79	56246.7	3.35	56262.14	56262.14063	56270.61443	56270.61328	504233.5	5410459.7
T10460.0	504234.7	5410459.8	75226.39844	326.62	0	48.847094	-86.942279	56258.75	56246.7	3.35	56262.10	56262.10156	56268.87039	56268.87109	504234.7	5410459.8
T10460.0	504235.7	5410459.8	75226.50000	325.12	0	48.847094	-86.942267	56258.90	56246.7	3.35	56262.25	56262.25000	56271.50196	56271.50391	504235.7	5410459.8
T10460.0	504236.8	5410459.8	75226.60156	324.66	0	48.847094	-86.942251	56258.94	56246.7	3.35	56262.29	56262.28906	56271.60116	56271.60156	504236.8	5410459.8
T10460.0	504236.8	5410459.8	75226.70313	324.50	0	48.847094	-86.942251	56259.18	56246.7	3.35	56262.53	56262.53125	56276.34355	56276.34375	504236.8	5410459.8
T10460.0	504238.3	5410459.9	75226.79688	322.97	0	48.847095	-86.942231	56259.11	56246.7	3.35	56262.46	56262.46094	56273.89317	56273.89453	504238.3	5410459.9
T10460.0	504239.5	5410459.9	75226.89844	323.03	0	48.847095	-86.942215	56258.96	56246.7	3.35	56262.31	56262.30859	56269.57035	56269.57031	504239.5	5410459.9
T10460.0	504239.5	5410459.9	75227.00000	323.57	0	48.847095	-86.942215	56258.85	56246.7	3.35	56262.20	56262.19922	56266.17119	56266.17188	504239.5	5410459.9

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
T10460.0	504240.5	5410459.9	75227.10156	321.79	0	48.847095	-86.942200	56258.66	56246.7	3.35	56262.01	56262.01172	56260.90091	56260.90234	504240.5	5410459.9
T10460.0	504241.6	5410460.0	75227.20313	323.19	0	48.847095	-86.942186	56258.49	56246.7	3.35	56261.84	56261.83984	56256.09545	56256.09375	504241.6	5410460.0
T10460.0	504241.6	5410460.0	75227.29688	324.42	0	48.847095	-86.942186	56258.64	56246.7	3.35	56261.99	56261.98828	56258.77495	56258.77344	504241.6	5410460.0
T10460.0	504242.9	5410460.0	75227.39844	323.75	0	48.847096	-86.942168	56258.75	56246.7	3.35	56262.10	56262.10156	56260.52983	56260.53125	504242.9	5410460.0
T10460.0	504244.2	5410460.0	75227.50000	323.70	0	48.847096	-86.942150	56258.94	56246.7	3.35	56262.29	56262.28906	56264.16967	56264.16797	504244.2	5410460.0
T10460.0	504245.3	5410460.0	75227.60156	323.73	0	48.847096	-86.942135	56259.03	56246.7	3.35	56262.38	56262.37891	56265.48097	56265.48047	504245.3	5410460.0
T10460.0	504245.3	5410460.0	75227.60156	325.59	0	48.847096	-86.942135	56259.21	56246.7	3.35	56262.56	56262.55859	56268.92155	56268.92188	504245.3	5410460.0
T10460.0	504246.9	5410460.1	75227.79688	325.63	0	48.847096	-86.942113	56259.22	56246.7	3.35	56262.57	56262.57031	56268.38591	56268.38672	504246.9	5410460.1
T10460.0	504248.1	5410460.1	75227.89844	325.59	0	48.847096	-86.942097	56259.00	56246.7	3.35	56262.35	56262.35156	56262.43380	56262.43359	504248.1	5410460.1
T10460.0	504249.2	5410460.1	75228.00000	325.83	0	48.847097	-86.942082	56258.96	56246.7	3.35	56262.31	56262.30859	56260.72192	56260.72266	504249.2	5410460.1
T10460.0	504249.2	5410460.1	75228.10156	325.38	0	48.847097	-86.942082	56259.13	56246.7	3.35	56262.48	56262.48047	56263.99266	56263.99219	504249.2	5410460.1
T10460.0	504250.6	5410460.1	75228.20313	325.91	0	48.847097	-86.942064	56259.08	56246.7	3.35	56262.43	56262.42969	56262.06389	56262.06250	504250.6	5410460.1
T10460.0	504251.9	5410460.1	75228.29688	326.77	0	48.847097	-86.942045	56259.51	56246.7	3.35	56262.86	56262.85938	56271.55699	56271.55859	504251.9	5410460.1
T10460.0	504251.9	5410460.1	75228.39844	325.20	0	48.847097	-86.942045	56259.43	56246.7	3.35	56262.77	56262.76953	56268.70101	56268.69922	504251.9	5410460.1
T10460.0	504253.3	5410460.1	75228.50000	325.51	0	48.847097	-86.942026	56259.62	56246.7	3.35	56262.96	56262.96094	56272.50959	56272.50781	504253.3	5410460.1
T10460.0	504254.2	5410460.1	75228.60156	324.34	0	48.847097	-86.942014	56259.26	56246.7	3.34	56262.60	56262.60156	56263.26509	56263.26563	504254.2	5410460.1
T10460.0	504254.2	5410460.1	75228.70313	326.07	0	48.847097	-86.942014	56259.48	56246.7	3.34	56262.83	56262.82813	56268.03482	56268.03516	504254.2	5410460.1
T10460.0	504255.5	5410460.1	75228.79688	324.33	0	48.847097	-86.941996	56259.58	56246.7	3.34	56262.92	56262.92188	56269.48291	56269.48438	504255.5	5410460.1
T10460.0	504256.5	5410460.1	75228.89844	326.09	0	48.847097	-86.941983	56259.69	56246.7	3.34	56263.03	56263.03125	56271.39442	56271.39453	504256.5	5410460.1
T10460.0	504257.8	5410460.1	75229.00000	326.68	0	48.847097	-86.941965	56259.59	56246.7	3.34	56262.93	56262.92969	56268.40492	56268.40625	504257.8	5410460.1
T10460.0	504258.8	5410460.1	75229.10156	326.91	0	48.847097	-86.941952	56259.43	56246.7	3.34	56262.77	56262.76953	56264.08214	56264.08203	504258.8	5410460.1
T10460.0	504258.8	5410460.1	75229.20313	325.14	0	48.847097	-86.941952	56259.41	56246.7	3.34	56262.75	56262.75000	56263.05070	56263.05078	504258.8	5410460.1
T10460.0	504259.9	5410460.1	75229.29688	323.74	0	48.847097	-86.941937	56259.43	56246.7	3.34	56262.77	56262.76953	56262.96385	56262.96484	504259.9	5410460.1
T10460.0	504261.0	5410460.1	75229.39844	324.65	0	48.847097	-86.941921	56259.71	56246.7	3.34	56263.05	56263.05078	56268.77298	56268.77344	504261.0	5410460.1
T10460.0	504261.0	5410460.1	75229.50000	323.42	0	48.847097	-86.941921	56259.64	56246.7	3.34	56262.98	56262.98047	56266.66447	56266.66406	504261.0	5410460.1
T10460.0	504262.7	5410460.1	75229.60156	322.92	0	48.847097	-86.941899	56259.64	56246.7	3.34	56262.98	56262.98047	56266.16619	56266.16797	504262.7	5410460.1
T10460.0	504264.0	5410460.1	75229.60156	320.03	0	48.847097	-86.941881	56259.34	56246.7	3.34	56262.68	56262.67969	56259.05208	56259.05078	504264.0	5410460.1
T10460.0	504265.1	5410460.1	75229.60156	320.03	0	48.847097	-86.941866	56259.54	56246.7	3.34	56262.88	56262.87891	56263.04995	56263.05078	504265.1	5410460.1
T10460.0	504265.1	5410460.1	75229.79688	321.08	0	48.847097	-86.941866	56259.74	56246.7	3.34	56263.08	56263.07813	56267.03059	56267.03125	504265.1	5410460.1
T10460.0	504266.8	5410460.2	75229.89844	321.00	0	48.847097	-86.941842	56259.91	56246.7	3.34	56263.25	56263.25000	56270.35345	56270.35156	504266.8	5410460.2
T10460.0	504268.0	5410460.2	75230.00000	322.89	0	48.847097	-86.941826	56259.92	56246.7	3.34	56263.26	56263.26172	56270.19735	56270.19922	504268.0	5410460.2
T10460.0	504268.0	5410460.2	75230.10156	319.12	0	48.847097	-86.941826	56259.69	56246.7	3.34	56263.03	56263.03125	56264.82698	56264.82813	504268.0	5410460.2
T10460.0	504269.0	5410460.2	75230.20313	320.74	0	48.847098	-86.941813	56259.89	56246.7	3.34	56263.23	56263.23047	56268.88273	56268.88281	504269.0	5410460.2
T10460.0	504269.9	5410460.2	75230.29688	320.26	0	48.847098	-86.941800	56259.92	56246.7	3.34	56263.25	56263.25000	56269.03255	56269.03125	504269.9	5410460.2
T10460.0	504269.9	5410460.2	75230.50000	319.96	0	48.847098	-86.941800	56259.99	56246.7	3.33	56263.33	56263.32813	56270.53185	56270.53125	504269.9	5410460.2
T10460.0	504271.1	5410460.3	75230.60156	319.38	0	48.847098	-86.941784	56259.89	56246.7	3.33	56263.23	56263.23047	56268.08732	56268.08594	504271.1	5410460.3
T10460.0	504272.4	5410460.3	75230.70313	321.23	0	48.847099	-86.941766	56259.77	56246.7	3.33	56263.10	56263.10156	56264.97604	56264.97656	504272.4	5410460.3
T10460.0	504272.4	5410460.3	75230.79688	323.10	0	48.847099	-86.941766	56259.51	56246.7	3.33	56262.84	56262.83984	56258.94609	56258.94531	504272.4	5410460.3
T10460.0	504273.7	5410460.3	75230.89844	326.30	0	48.847099	-86.941748	56259.88	56246.7	3.33	56263.21	56263.21094	56267.03999	56267.03906	504273.7	5410460.3
T10460.0	504273.7	5410460.3	75231.00000	328.16	0	48.847099	-86.941748	56259.94	56246.7	3.33	56263.27	56263.26953	56268.23567	56268.23438	504273.7	5410460.3
T10460.0	504275.2	5410460.4	75231.10156	328.11	0	48.847099	-86.941727	56260.06	56246.7	3.33	56263.38	56263.37891	56270.60297	56270.60156	504275.2	5410460.4
T10460.0	504276.5	5410460.4	75231.20313	328.86	0	48.847100	-86.941711	56260.12	56246.7	3.33	56263.45	56263.44922	56272.09867	56272.09766	504276.5	5410460.4
T10460.0	504277.8	5410460.5	75231.29688	325.83	0	48.847100	-86.941692	56259.84	56246.7	3.33	56263.17	56263.17188	56265.58391	56265.58203	504277.8	5410460.5
T10460.0	504279.3	5410460.5	75231.39844	326.48	0	48.847100	-86.941672	56259.87	56246.7	3.33	56263.19	56263.19141	56265.95221	56265.95313	504279.3	5410460.5
T10460.0	504279.3	5410460.5	75231.50000	326.63	0	48.847100	-86.941672	56259.69	56246.7	3.32	56263.02	56263.01953	56261.95032	56261.94922	504279.3	5410460.5
T10460.0	504280.6	5410460.5	75231.60156	326.77	0	48.847100	-86.941654	56259.89	56246.7	3.32	56263.22	56263.21875	56266.51786	56266.51953	504280.6	5410460.5
T10460.0	504282.2	5410460.6	75231.60156	325.24	0	48.847101	-86.941633	56259.84	56246.7	3.32	56263.17	56263.17188	56265.32314	56265.32422	504282.2	5410460.6
T10460.0	504282.2	5410460.6	75231.79688	325.82	0	48.847101	-86.941633	56259.99	56246.7	3.32	56263.31	56263.30859	56268.54175	56268.54297	504282.2	5410460.6
T10460.0	504283.6	5410460.6	75231.89844	328.57	0	48.847101	-86.941613	56259.92	56246.7	3.32	56263.24	56263.23828	56266.91797	56266.91797	504283.6	5410460.6
T10460.0	504284.8	5410460.6	75232.00000	327.97	0	48.847101	-86.941597	56259.74	56246.7	3.32	56263.06	56263.05859	56262.78660	56262.78516	504284.8	5410460.6
T10460.0	504285.9	5410460.6	75232.10156	326.17	0	48.847101	-86.941582	56259.82	56246.7	3.32	56263.14	56263.14063	56264.66432	56264.66406	504285.9	5410460.6
T10460.0	504287.3	5410460.6	75232.20313	325.31	0	48.847101	-86.941563	56259.66	56246.7	3.32	56262.99	56262.98828	56261.29312	56261.29297	504287.3	5410460.6
T10460.0	504287.3	5410460.6	75232.29688	322.12	0	48.847101	-86.941563	56259.98	56246.7	3.32	56263.30	56263.30078	56268.42690	56268.42578	504287.3	5410460.6
T10460.0	504288.9	5410460.7	75232.39844	322.35	0	48.847102	-86.941541	56259.79	56246.7	3.32	56263.11	56263.10938	56264.19941	56264.19922	504288.9	5410460.7
T10460.0	504290.2	5410460.7	75232.50000	323.67	0	48.847102	-86.941524	56259.89	56246.7	3.33	56263.22	56263.21875	56266.78305	56266.78125	504290.2	5410460.7
T10460.0	504290.2	5410460.7	75232.60156	323.90	0	48.847102	-86.941524	56259.54	56246.7	3.33	56262.86	56262.85938	56258.83030	56258.83203	504290.2	5410460.7
T10460.0	504291.4	5410460.7	75232.70313	321.02	0	48.847102	-86.941508	56259.69	56246.7	3.33	56263.02	56263.01953	56262.56196	56262.56250	504291.4	5410460.7
T10460.0	504292.6	5410460.7	75232.79688	320.17	0	48.847102	-86.941490	56259.79	56246.7	3.33	56263.12	56263.12109	56264.94368	56264.94531	504292.6	5410460.7
T10460.0	504293.9	5410460.8	75232.89844	321.10	0	48.847102	-86.941473	56259.89	56246.7	3.33	56263.22	56263.21875	56267.32302	56267.32422	504293.9	5410460.8
T10460.0	504295.3	5410460.8	75233.00000	321.91	0	48.847103	-86.941454	56259.94	56246.7	3.33	56263.27	56263.26953	56268.60233	56268.60156	504295.3	5410460.8
T10460.0	504295.3	5410460.8	75233.10156	320.42	0	48.847103	-86.941454	56259.89	56246.7	3.33	56263.23	56263.23047	56267.91227	56267.91406	504295.3	5410460.8
T10460.0	504296.7	5410460.8	75233.20313	322.81	0	48.847103	-86.941434	56260.02	56246.7	3.33	56263.35	56263.35156	56270.76387	56270.76563	504296.7	5410460.8
T10460.0	504298.0	5410460.9	75233.29688	324.28	0	48.847103	-86.941417	56259.68	56246.7	3.33	56263.01	56263.01172	56263.50448	56263.50391	504298.0	5410460.9
T10460.0	504298.0	5410460.9	75233.39844	323.73	0	48.847103	-86.941417	56259.77	56246.7	3.33	56263.10	56263.10156	56265.72662	56265.72656	504298.0	5410460.9
T10460.0	504299.4	5410460.9	75233.50000	322.27	0	48.847103	-86.941397	56259.41	56246.7	3.33	56262.75	56262.75000	56258.24722	56258.24609	504299.4	5410460.9
T10460.0	504300.7	5410460.9	75233.60156	322.38	0	48.847104	-86.941380	56259.59	56246.7	3.34	56262.92	56262.92188	56262.25994	56262.26172	504300.7	5410460.9
T10460.0	504300.7	5410460.9	75233.60156	323.86	0	48.847104	-86.941380	56259.31	56246.7	3.34	56262.64	56262.64063	56256.29884	56256.30078	504300.7	5410460.9
T10460.0	504303.3	5410461.0	75233.79688	323.00	0	48.847104	-86.941345	56259.61	56246.7	3.34	56262.94	56262.94141	56263.25139	56263.25000	504303.3	5410461.0
T10460.0	504303.3	5410461.0	75233.89844	320.68	0	48.847104	-86.941345	56259.38	56246.7	3.34	56262.72	56262.71875	56258.60135	56258.60156	504303.3	5410461.0
T10460.0	504304.4	5410461.0	75234.00000	322.80	0	48.847105	-86.941330	56259.64	56246.7	3.34	56262.98	56262.98047	56264.74667	56264.74609	504304.4	5410461.0
T10460.0	504306.0	5410461.0	75234.10156	323.30	0	48.847105	-86.941307	56259.31	56246.7	3.34	56262.65	56262.64844	56257.56367	56257.56250	504306.0	5410461.0
T10460.0	504306.9	5410461.1	75234.20313	323.86	0	48.847105	-86.941295	56259.41	56246.7	3.34	56262.75	56262.75000	56260.12973	56260.12891	504306.9	5410461.1
T10460.0	504306.9	5410461.1	75234.29688	324.51	0	48.847105	-86.941295	56259.27	56246.7	3.33	56262.61	56262.60938	56257.20468	56257.20313	504306.9	5410461.1
T10460.0	504308.6	5410461.1	75234.39844	325.11	0	48.847105	-86.941273	56259.28	56246.7	3.33	56262.61	56262.60938	56257.48986	56257.48828	504308.6	5410461.1
T10460.0	504309.7	5410461.1	75234.50000	324.50	0	48.847105	-86.941257	56259.46	56246.7	3.33	56262.79	56262.78906	56261.99237	56261.99219	504309.7	5410461.1
T10460.0	504309.7	5410461.1	75234.60156	324.76	0	48.847105	-86.941257	56259.31	56246.7	3.33	56262.64	56262.64063	56258.78606	56258.78516	504309.7	5410461.1
T10460.0	504311.0	5410461.1	75234.70313	325.35	0	48.847105	-86.941240	56259.53	56246.7	3.33	56262.85	56262.85156	56264.08738	56264.08594	504311.0	5410461.1
T10460.0	504313.0	5410461.1	75234.79688	324.71	0	48.847105	-86.941212	56259.46	56246.7	3.32	56262.78	56262.78125	56262.76509	56262.76563	504313.0	5410461.1
T10460.0	504314.6	5410461.1	75234.89844	324.13	0	48.847105	-86.941191	56259.48	56246.7	3.32	56262.81	56262.80859	56263.83664	56263.83594	504314.6	5410461.1
T10460.0	504314.6	5410461.1	75235.00000	323.57	0	48.847105	-86.941191	56259.13	56246.7	3.32	56262.45	56262.44922	56255.43119	56255.42969	504314.6	5410461.1
T10460.0	504315.9	5410461.1	75235.10156	324.61	0	48.847105	-86.941173	56259.40	56246.7	3.32	56262.72	56262.71875	56262.34518	56262.34375	504315.9	5410461.1
T10460.0	504315.9	5410461.1	75235.20313	325.41	0	48.847105	-86.941173	56259.21	56246.7	3.32	56262.53	56262.53125	56258.00558	56258.00391	504315.9	5410461.1
T10460.0	504317.5	5410461.1	75235.29688	325.98	0	48.847105	-86.941152	56259.34	56246.7	3.32	56262.66	56262.66016	56261.54647	56261.54688	504317.5	5410461.1
T10460.0	504318.7	5410461.1	75235.39844	326.55	0	48.847105	-86.941134	56259.04	56246.7	3.32	56262.36	56262.35938	56254.42184	56254.42188	504318.7	5410461.1
T10460.0	504320.1	5410461.1	75235.50000	328.22	0	48.847105	-86.941116	56259.21	56246.7	3.32	56262.53	56262.53125	56258.97094	56258.97266	504320.1	5410461.1
T10460.0	504320.1	5410461.1	75235.60156	327.37	0	48.847105	-86.941116	56259.13	56246.7	3.32	56262.45	56262.44922	56257.28955	56257.28906	504320.1	5410461.1
T10460.0	504321.5	5410461.1	75235.60156	328.32	0	48.847105	-86.941097	56259.17	56246.7	3.32	56262.49	56262.48828	56258.59978	56258.60156	504321.5	5410461.1
T10460.0	504323.0	5410461.0	75235.79688	330.17	0	48.847105	-86.941076	56259.21	56246.7	3.32	56262.53	56262.53125	56259.90604	56259.90625	504323.0	5410461.0
T10460.0	504323.0	5410461.0	75235.89844	328.91	0	48.847105	-86.941076	56258.93	56246.7	3.32	56262.25	56262.25000	56253.16424	56253.16406	504323.0	5410461.0
T10460.0	504324.2	5410461.0	75236.00000	329.65	0	48.847105	-86.941060	56259.27	56246.7	3.32	56262.59	56262.58984	56261.99560	56261.99609	504324.2	5410461.0
T10460.0	504325.7	5410461.0	75236.10156	328.64	0	48.847105	-86.941040	56259.31	56246.7	3.32	56262.63	56262.62891	56263.28062	56263.28125	504325.7	5410461.0
T10460.0	504325.7	5410461.0	75236.20313	324.49	0	48.847105	-86.941040	56259.28	56246.7	3.33	56262.61	56262.60938	56263.04004	56263.03906	504325.7	5410461.0
T10460.0	504327.3	5410461.0	75236.29688	327.74	0	48.847104	-86.941018	56258.94	56246.7	3.33	56262.27	56262.26953	56254.66576	56254.66406	504327.3	5410461.0

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
T10460.0	504328.9	5410461.0	75236.39844	326.57	0	48.847104	-86.940996	56259.13	56246.7	3.33	56262.47	56262.46875	56259.96774	56259.96875	504328.9	5410461.0
T10460.0	504330.2	5410461.0	75236.50000	324.26	0	48.847104	-86.940978	56258.93	56246.7	3.33	56262.26	56262.26172	56254.83090	56254.83203	504330.2	5410461.0
T10460.0	504330.2	5410461.0	75236.60156	324.26	0	48.847104	-86.940978	56258.76	56246.7	3.34	56262.10	56262.10156	56250.93786	56250.93750	504330.2	5410461.0
T10460.0	504332.0	5410461.0	75236.70313	323.21	0	48.847104	-86.940953	56258.88	56246.7	3.34	56262.22	56262.21875	56254.17494	56254.17578	504332.0	5410461.0
T10460.0	504333.6	5410461.0	75236.79688	322.79	0	48.847104	-86.940932	56258.64	56246.7	3.34	56261.99	56261.98828	56248.45991	56248.46094	504333.6	5410461.0
T10460.0	504333.6	5410461.0	75236.89844	324.42	0	48.847104	-86.940932	56258.98	56246.7	3.35	56262.32	56262.32031	56257.03760	56257.03906	504333.6	5410461.0
T10460.0	504335.2	5410461.0	75237.00000	326.46	0	48.847104	-86.940911	56258.82	56246.7	3.35	56262.17	56262.17188	56253.34114	56253.33984	504335.2	5410461.0
T10460.0	504335.2	5410461.0	75237.10156	326.72	0	48.847104	-86.940911	56259.03	56246.7	3.35	56262.38	56262.37891	56258.80581	56258.80469	504335.2	5410461.0
T10460.0	504337.0	5410461.0	75237.20313	328.39	0	48.847104	-86.940886	56258.95	56246.7	3.35	56262.30	56262.30078	56256.86537	56256.86719	504337.0	5410461.0
T10460.0	504338.6	5410461.0	75237.29688	328.77	0	48.847104	-86.940864	56259.04	56246.7	3.35	56262.39	56262.39063	56259.21689	56259.21875	504338.6	5410461.0
T10460.0	504340.0	5410461.0	75237.39844	331.18	0	48.847104	-86.940845	56259.03	56246.7	3.35	56262.38	56262.37891	56259.01327	56259.01172	504340.0	5410461.0
T10460.0	504340.0	5410461.0	75237.50000	330.81	0	48.847104	-86.940845	56258.99	56246.7	3.35	56262.34	56262.33984	56258.04311	56258.04297	504340.0	5410461.0
T10460.0	504341.7	5410461.0	75237.60156	330.40	0	48.847104	-86.940822	56259.03	56246.7	3.35	56262.38	56262.37891	56259.04752	56259.04688	504341.7	5410461.0
T10460.0	504343.3	5410461.0	75237.60156	328.80	0	48.847104	-86.940799	56259.36	56246.7	3.35	56262.71	56262.71094	56267.12564	56267.12500	504343.3	5410461.0
T10460.0	504343.3	5410461.0	75237.79688	328.63	0	48.847104	-86.940799	56259.28	56246.7	3.35	56262.63	56262.62891	56265.06366	56265.06250	504343.3	5410461.0
T10460.0	504344.7	5410461.0	75237.89844	329.07	0	48.847104	-86.940780	56258.96	56246.7	3.35	56262.31	56262.30859	56257.26608	56257.26563	504344.7	5410461.0
T10460.0	504346.4	5410461.0	75238.00000	327.03	0	48.847104	-86.940757	56258.98	56246.7	3.35	56262.33	56262.32813	56257.68649	56257.68750	504346.4	5410461.0
T10460.0	504346.4	5410461.0	75238.10156	324.60	0	48.847104	-86.940757	56259.07	56246.7	3.35	56262.42	56262.42188	56259.70587	56259.70703	504346.4	5410461.0
T10460.0	504347.8	5410460.9	75238.20313	321.70	0	48.847104	-86.940738	56258.95	56246.7	3.35	56262.30	56262.30078	56256.82251	56256.82422	504347.8	5410460.9
T10460.0	504349.5	5410460.9	75238.29688	320.72	0	48.847104	-86.940715	56258.80	56246.7	3.35	56262.14	56262.14063	56253.10429	56253.10547	504349.5	5410460.9
T10460.0	504350.4	5410460.9	75238.39844	320.45	0	48.847104	-86.940703	56258.84	56246.7	3.35	56262.19	56262.19141	56254.14906	56254.14844	504350.4	5410460.9
T10460.0	504350.4	5410460.9	75238.50000	319.09	0	48.847104	-86.940703	56259.03	56246.7	3.35	56262.37	56262.37109	56257.97328	56257.97266	504350.4	5410460.9
T10460.0	504352.3	5410460.9	75238.60156	318.60	0	48.847103	-86.940678	56258.79	56246.7	3.34	56262.13	56262.12891	56252.60083	56252.60156	504352.3	5410460.9
T10460.0	504354.2	5410460.9	75238.70313	320.32	0	48.847103	-86.940651	56258.68	56246.7	3.34	56262.02	56262.01953	56250.08972	56250.08984	504354.2	5410460.9
T10460.0	504354.2	5410460.9	75238.79688	318.98	0	48.847103	-86.940651	56258.76	56246.7	3.34	56262.10	56262.10156	56251.57573	56251.57422	504354.2	5410460.9
T10460.0	504355.4	5410460.9	75238.89844	317.54	0	48.847103	-86.940634	56258.98	56246.7	3.34	56262.32	56262.32031	56255.90800	56255.90625	504355.4	5410460.9
T10460.0	504356.8	5410460.9	75239.00000	317.15	0	48.847103	-86.940616	56259.18	56246.7	3.34	56262.52	56262.51953	56259.73398	56259.73438	504356.8	5410460.9
T10460.0	504358.8	5410460.8	75239.10156	318.34	0	48.847103	-86.940588	56259.17	56246.7	3.34	56262.51	56262.51172	56259.11319	56259.11328	504358.8	5410460.8
T10460.0	504358.8	5410460.8	75239.20313	316.09	0	48.847103	-86.940588	56259.16	56246.7	3.34	56262.50	56262.50000	56258.43989	56258.44141	504358.8	5410460.8
T10460.0	504360.2	5410460.8	75239.29688	316.11	0	48.847102	-86.940569	56259.06	56246.7	3.34	56262.39	56262.39063	56255.56187	56255.56250	504360.2	5410460.8
T10460.0	504361.6	5410460.8	75239.39844	317.51	0	48.847102	-86.940550	56258.74	56246.7	3.34	56262.08	56262.07813	56248.19323	56248.19141	504361.6	5410460.8
T10460.0	504361.6	5410460.8	75239.50000	320.35	0	48.847102	-86.940550	56258.18	56246.7	3.34	56261.52	56261.51953	56234.95315	56234.95313	504361.6	5410460.8
T10460.0	504363.2	5410460.7	75239.60156	320.88	0	48.847102	-86.940529	56258.04	56246.7	3.34	56261.38	56261.37891	56230.60354	56230.60547	504363.2	5410460.7
T10460.0	504364.8	5410460.7	75239.60156	326.38	0	48.847102	-86.940507	56258.54	56246.7	3.34	56261.88	56261.87891	56240.80520	56240.80469	504364.8	5410460.7
T10460.0	504364.8	5410460.7	75239.79688	328.79	0	48.847102	-86.940507	56259.13	56246.7	3.34	56262.47	56262.46875	56253.57651	56253.57813	504364.8	5410460.7
T10460.0	504366.6	5410460.7	75239.89844	326.35	0	48.847101	-86.940482	56259.41	56246.7	3.34	56262.75	56262.75000	56259.40490	56259.40625	504366.6	5410460.7
T10460.0	504367.9	5410460.7	75240.00000	328.72	0	48.847101	-86.940464	56259.30	56246.7	3.34	56262.64	56262.64063	56255.78157	56255.78125	504367.9	5410460.7
T10460.0	504367.9	5410460.7	75240.10156	333.53	0	48.847101	-86.940464	56259.54	56246.7	3.34	56262.88	56262.87891	56260.86177	56260.86328	504367.9	5410460.7
T10460.0	504369.5	5410460.7	75240.20313	330.83	0	48.847101	-86.940442	56259.34	56246.7	3.34	56262.67	56262.67188	56250.41389	56250.41406	504369.5	5410460.7
T10460.0	504369.5	5410460.7	75240.29688	331.39	0	48.847101	-86.940442	56259.36	56246.7	3.34	56262.70	56262.69922	56250.08813	56250.08984	504369.5	5410460.7
T10460.0	504371.5	5410460.7	75240.39844	331.96	0	48.847101	-86.940416	56259.04	56246.7	3.34	56262.38	56262.37891	56243.12481	56243.12500	504371.5	5410460.7
T10460.0	504373.2	5410460.7	75240.50000	332.91	0	48.847101	-86.940392	56258.98	56246.7	3.33	56262.31	56262.30859	56240.79651	56240.79688	504373.2	5410460.7
T10460.0	504373.2	5410460.7	75240.60156	333.49	0	48.847101	-86.940392	56258.79	56246.7	3.33	56262.12	56262.12109	56236.13228	56236.13281	504373.2	5410460.7
T10460.0	504374.9	5410460.7	75240.70313	333.32	0	48.847102	-86.940369	56258.85	56246.7	3.33	56262.18	56262.17969	56236.34204	56236.34375	504374.9	5410460.7
T10460.0	504376.2	5410460.8	75240.79688	334.88	0	48.847102	-86.940352	56259.16	56246.7	3.33	56262.49	56262.48828	56241.52497	56241.52344	504376.2	5410460.8
T10460.0	504377.3	5410460.8	75240.89844	335.46	0	48.847102	-86.940336	56259.20	56246.7	3.33	56262.53	56262.53125	56241.48984	56241.48828	504377.3	5410460.8
T10460.0	504378.7	5410460.8	75241.00000	332.57	0	48.847102	-86.940317	56259.18	56246.7	3.33	56262.51	56262.51172	56240.33566	56240.33594	504378.7	5410460.8
T10460.0	504378.7	5410460.8	75241.10156	332.89	0	48.847102	-86.940317	56259.21	56246.7	3.33	56262.54	56262.53906	56240.21307	56240.21484	504378.7	5410460.8
T10460.0	504380.1	5410460.8	75241.20313	331.38	0	48.847102	-86.940298	56259.30	56246.7	3.33	56262.63	56262.62891	56241.29024	56241.28906	504380.1	5410460.8
T10460.0	504381.6	5410460.9	75241.29688	331.45	0	48.847103	-86.940277	56259.38	56246.7	3.33	56262.71	56262.71094	56242.19903	56242.19922	504381.6	5410460.9
T10460.0	504383.1	5410460.9	75241.39844	329.83	0	48.847103	-86.940257	56259.69	56246.7	3.33	56263.02	56263.01953	56247.38129	56247.38281	504383.1	5410460.9
T10460.0	504383.1	5410460.9	75241.50000	328.76	0	48.847103	-86.940257	56259.69	56246.7	3.33	56263.02	56263.01953	56247.97165	56247.97266	504383.1	5410460.9
T10460.0	504384.6	5410460.9	75241.60156	325.60	0	48.847103	-86.940237	56260.05	56246.7	3.33	56263.38	56263.37891	56255.93260	56255.93359	504384.6	5410460.9
T10460.0	504386.2	5410460.9	75241.60156	324.10	0	48.847103	-86.940215	56259.79	56246.7	3.33	56263.12	56263.12109	56248.27252	56248.27344	504386.2	5410460.9
T10460.0	504386.2	5410460.9	75241.79688	321.99	0	48.847103	-86.940215	56259.66	56246.7	3.33	56262.99	56262.98828	56244.09891	56244.09766	504386.2	5410460.9
T10460.0	504387.9	5410460.9	75241.89844	323.93	0	48.847103	-86.940191	56259.99	56246.7	3.33	56263.32	56263.32031	56250.86513	56250.86328	504387.9	5410460.9
T10460.0	504389.3	5410460.9	75242.00000	322.51	0	48.847103	-86.940173	56259.94	56246.7	3.33	56263.27	56263.26953	56248.63799	56248.63672	504389.3	5410460.9
T10460.0	504390.6	5410460.9	75242.10156	320.19	0	48.847103	-86.940155	56260.10	56246.7	3.33	56263.43	56263.42969	56251.14162	56251.14063	504390.6	5410460.9
T10460.0	504390.6	5410460.9	75242.20313	319.91	0	48.847103	-86.940155	56259.93	56246.7	3.33	56263.26	56263.26172	56246.40041	56246.40234	504390.6	5410460.9
T10460.0	504392.3	5410460.9	75242.29688	321.32	0	48.847103	-86.940132	56259.94	56246.7	3.33	56263.27	56263.26953	56245.63364	56245.63281	504392.3	5410460.9
T10460.0	504393.5	5410460.9	75242.39844	321.81	0	48.847103	-86.940116	56259.82	56246.7	3.33	56263.15	56263.14844	56242.20557	56242.20703	504393.5	5410460.9
T10460.0	504395.0	5410460.9	75242.50000	320.76	0	48.847103	-86.940095	56259.99	56246.7	3.33	56263.32	56263.32031	56244.65848	56244.66016	504395.0	5410460.9
T10460.0	504395.0	5410460.9	75242.60156	318.59	0	48.847103	-86.940095	56260.18	56246.7	3.33	56263.51	56263.51172	56247.33016	56247.33203	504395.0	5410460.9
T10460.0	504396.9	5410460.9	75242.70313	315.67	0	48.847103	-86.940069	56260.38	56246.7	3.33	56263.71	56263.71094	56250.02161	56250.02344	504396.9	5410460.9
T10460.0	504398.5	5410461.0	75242.79688	315.79	0	48.847103	-86.940047	56260.64	56246.7	3.33	56263.97	56263.96875	56253.69862	56253.69922	504398.5	5410461.0
T10460.0	504398.5	5410461.0	75242.89844	317.21	0	48.847103	-86.940047	56260.73	56246.7	3.33	56264.06	56264.05859	56254.02842	56254.02734	504398.5	5410461.0
T10460.0	504400.0	5410461.0	75243.00000	316.59	0	48.847104	-86.940027	56260.32	56246.7	3.33	56263.65	56263.64844	56244.92798	56244.92969	504400.0	5410461.0
T10460.0	504401.4	5410461.0	75243.10156	314.66	0	48.847104	-86.940008	56260.50	56246.7	3.33	56263.83	56263.82813	56246.81301	56246.81250	504401.4	5410461.0
T10460.0	504401.4	5410461.0	75243.20313	315.49	0	48.847104	-86.940008	56260.94	56246.7	3.33	56264.27	56264.26953	56253.47032	56253.46875	504401.4	5410461.0
T10460.0	504402.6	5410461.0	75243.29688	315.20	0	48.847104	-86.939991	56261.20	56246.7	3.33	56264.53	56264.53125	56256.71886	56256.71875	504402.6	5410461.0
T10460.0	504404.5	5410461.1	75243.39844	316.29	0	48.847104	-86.939966	56261.32	56246.7	3.33	56264.65	56264.64844	56257.29965	56257.30078	504404.5	5410461.1
T10460.0	504405.5	5410461.1	75243.50000	315.25	0	48.847105	-86.939951	56261.71	56246.7	3.33	56265.04	56265.03906	56263.01152	56263.01172	504405.5	5410461.1
T10460.0	504406.9	5410461.1	75243.60156	318.31	0	48.847105	-86.939932	56261.72	56246.7	3.33	56265.05	56265.05078	56261.44775	56261.44922	504406.9	5410461.1
T10460.0	504406.9	5410461.1	75243.60156	321.15	0	48.847105	-86.939932	56261.48	56246.7	3.33	56264.81	56264.80859	56254.88686	56254.88672	504406.9	5410461.1
T10460.0	504408.4	5410461.1	75243.79688	321.22	0	48.847105	-86.939912	56261.80	56246.7	3.33	56265.13	56265.12891	56259.27310	56259.27344	504408.4	5410461.1
T10460.0	504410.1	5410461.2	75243.89844	323.47	0	48.847105	-86.939889	56261.64	56246.7	3.33	56264.97	56264.96875	56254.03716	56254.03906	504410.1	5410461.2
T10460.0	504411.5	5410461.2	75244.00000	324.49	0	48.847106	-86.939870	56261.80	56246.7	3.33	56265.13	56265.12891	56255.19167	56255.19141	504411.5	5410461.2
T10460.0	504411.5	5410461.2	75244.10156	324.17	0	48.847106	-86.939870	56262.02	56246.7	3.33	56265.35	56265.35156	56257.60078	56257.60156	504411.5	5410461.2
T10460.0	504413.0	5410461.3	75244.20313	323.18	0	48.847106	-86.939849	56262.55	56246.7	3.33	56265.88	56265.87891	56266.56349	56266.56250	504413.0	5410461.3
T10460.0	504414.7	5410461.3	75244.29688	322.73	0	48.847106	-86.939827	56262.55	56246.7	3.33	56265.87	56265.87109	56264.21484	56264.21484	504414.7	5410461.3
T10460.0	504414.7	5410461.3	75244.39844	324.56	0	48.847106	-86.939827	56262.57	56246.7	3.33	56265.90	56265.89844	56262.64869	56262.64844	504414.7	5410461.3
T10460.0	504416.3	5410461.3	75244.50000	324.74	0	48.847107	-86.939805	56262.55	56246.7	3.32	56265.87	56265.87109	56259.74491	56259.74609	504416.3	5410461.3
T10460.0	504418.2	5410461.4	75244.60156	323.34	0	48.847107	-86.939779	56262.81	56246.7	3.32	56266.13	56266.12891	56263.05016	56263.05078	504418.2	5410461.4
T10460.0	504419.6	5410461.4	75244.70313	325.08	0	48.847107	-86.939760	56262.87	56246.7	3.32	56266.19	56266.19141	56262.02798	56262.02734	504419.6	5410461.4
T10460.0	504419.6	5410461.4	75244.79688	326.38	0	48.847107	-86.939760	56262.99	56246.7	3.32	56266.31	56266.30859	56262.27669	56262.27734	504419.6	5410461.4
T10460.0	504421.7	5410461.4	75244.89844	325.71	0	48.847107	-86.939731	56262.95	56246.7	3.32	56266.27	56266.26953	56259.08902	56259.08984	504421.7	5410461.4
T10460.0	504421.7	5410461.4	75245.00000	326.84	0	48.847107	-86.939731	56262.98	56246.7	3.32	56266.30	56266.30078	56257.42237	56257.42188	504421.7	5410461.4
T10460.0	504423.4	5410461.4	75245.10156	322.77	0	48.847107	-86.939708	56263.48	56246.7	3.32	56266.80	56266.80078	56265.59877	56265.59766	504423.4	5410461.4
T10460.0	504424.6	5410461.4	75245.20313	321.72	0	48.847107	-86.939692	56263.56	56246.7	3.32	56266.88	56266.87891	56264.89316	56264.89453	504424.6	5410461.4
T10460.0	504426.3	5410461.4	75245.29688	322.27	0	48.847107	-86.939668	56263.46	56246.7	3.32	56266.78	56266.78125	56260.55919	56260.55859	504426.3	5410461.4
T10460.0	504426.3	5410461.4	75245.39844	320.91	0	48.847107	-86.939668	56263.52	56246.7	3.32	56266.84	56266.83984	56259.54508	56259.54688	504426.3	5410461.4
T10460.0	504428.2	5410461.4	75245.50000	318.51	0	48.847107	-86.939642	56263.75	56246.7	3.32	56267.07	56267.07031	56261.84982	56261.85156	504428.2	5410461.4
T10460.0	504429.7	5410461.4	75245.60156	315.99	0	48.847107	-86.939622	56264.31	56246.7	3.32	56267.63	56267.62891	56270.24051	56270.24219	504429.7	5410461.4

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
T10460.0	504429.7	5410461.4	75245.60156	316.24	0	48.847107	-86.939622	56264.36	56246.7	3.32	56267.68	56267.67969	56268.83852	56268.83984	504429.7	5410461.4
T10460.0	504431.4	5410461.4	75245.79688	312.36	0	48.847107	-86.939599	56264.36	56246.7	3.32	56267.68	56267.67969	56266.59761	56266.59766	504431.4	5410461.4
T10460.0	504431.4	5410461.4	75245.89844	313.00	0	48.847107	-86.939599	56264.28	56246.7	3.32	56267.60	56267.60156	56263.27976	56263.28125	504431.4	5410461.4
T10460.0	504432.8	5410461.3	75246.00000	314.43	0	48.847107	-86.939580	56264.04	56246.7	3.32	56267.36	56267.35938	56254.22651	56254.22656	504432.8	5410461.3
T10460.0	504434.5	5410461.3	75246.10156	315.14	0	48.847107	-86.939557	56264.56	56246.7	3.32	56267.88	56267.87891	56264.27590	56264.27734	504434.5	5410461.3
T10460.0	504436.1	5410461.3	75246.20313	315.68	0	48.847107	-86.939535	56264.62	56246.7	3.32	56267.94	56267.94141	56262.78887	56262.78906	504436.1	5410461.3
T10460.0	504436.1	5410461.3	75246.29688	314.70	0	48.847107	-86.939535	56264.64	56246.7	3.32	56267.96	56267.96094	56260.40574	56260.40625	504436.1	5410461.3
T10460.0	504437.8	5410461.3	75246.39844	314.09	0	48.847107	-86.939512	56264.51	56246.7	3.32	56267.83	56267.82813	56254.63830	56254.63672	504437.8	5410461.3
T10460.0	504437.8	5410461.3	75246.50000	311.56	0	48.847107	-86.939512	56264.95	56246.7	3.32	56268.26	56268.26172	56261.63074	56261.62891	504437.8	5410461.3
T10460.0	504439.7	5410461.4	75246.60156	311.30	0	48.847107	-86.939486	56265.00	56246.7	3.32	56268.32	56268.32031	56260.12730	56260.12891	504439.7	5410461.4
T10460.0	504441.4	5410461.4	75246.70313	310.07	0	48.847107	-86.939462	56265.29	56246.7	3.32	56268.61	56268.60938	56263.68864	56263.68750	504441.4	5410461.4
T10460.0	504442.9	5410461.4	75246.79688	309.88	0	48.847107	-86.939443	56265.46	56246.7	3.32	56268.78	56268.78125	56264.51057	56264.51172	504442.9	5410461.4
T10460.0	504442.9	5410461.4	75246.89844	310.69	0	48.847107	-86.939443	56265.66	56246.7	3.32	56268.98	56268.98047	56265.94858	56265.94922	504442.9	5410461.4
T10460.0	504444.7	5410461.4	75247.00000	312.93	0	48.847107	-86.939417	56265.86	56246.7	3.32	56269.18	56269.17969	56267.35335	56267.35156	504444.7	5410461.4
T10460.0	504446.1	5410461.4	75247.10156	313.13	0	48.847107	-86.939398	56265.56	56246.7	3.32	56268.88	56268.87891	56257.41713	56257.41797	504446.1	5410461.4
T10460.0	504446.1	5410461.4	75247.20313	312.51	0	48.847107	-86.939398	56265.96	56246.7	3.32	56269.28	56269.28125	56263.22528	56263.22656	504446.1	5410461.4
T10460.0	504447.3	5410461.4	75247.29688	312.32	0	48.847107	-86.939382	56265.84	56246.7	3.31	56269.15	56269.14844	56256.76381	56256.76563	504447.3	5410461.4
T10460.0	504448.5	5410461.4	75247.39844	314.68	0	48.847107	-86.939365	56266.30	56246.7	3.31	56269.61	56269.60938	56264.06913	56264.07031	504448.5	5410461.4
T10460.0	504448.5	5410461.4	75247.50000	315.93	0	48.847107	-86.939365	56266.02	56246.7	3.31	56269.33	56269.32813	56253.57223	56253.57031	504448.5	5410461.4
T10460.0	504450.8	5410461.4	75247.60156	317.75	0	48.847107	-86.939334	56266.43	56246.7	3.31	56269.74	56269.73828	56259.77090	56259.76953	504450.8	5410461.4
T10460.0	504452.1	5410461.4	75247.60156	319.16	0	48.847107	-86.939317	56266.45	56246.7	3.31	56269.75	56269.75000	56255.99636	56255.99609	504452.1	5410461.4
T10460.0	504453.3	5410461.4	75247.79688	319.65	0	48.847107	-86.939300	56266.70	56246.7	3.30	56270.01	56270.01172	56258.53504	56258.53516	504453.3	5410461.4
T10460.0	504454.8	5410461.4	75247.89844	316.92	0	48.847107	-86.939279	56266.71	56246.7	3.30	56270.02	56270.01953	56255.38110	56255.38281	504454.8	5410461.4
T10460.0	504454.8	5410461.4	75248.00000	318.90	0	48.847107	-86.939279	56267.08	56246.7	3.30	56270.38	56270.37891	56258.73091	56258.73047	504454.8	5410461.4
T10460.0	504456.8	5410461.4	75248.10156	321.17	0	48.847107	-86.939252	56267.06	56246.7	3.30	56270.36	56270.35938	56255.20938	56255.21094	504456.8	5410461.4
T10460.0	504458.2	5410461.4	75248.20313	320.47	0	48.847107	-86.939233	56267.14	56246.7	3.30	56270.45	56270.44922	56253.64412	56253.64453	504458.2	5410461.4
T10460.0	504458.2	5410461.4	75248.29688	321.66	0	48.847107	-86.939233	56267.59	56246.7	3.31	56270.90	56270.89844	56258.83946	56258.83984	504458.2	5410461.4
T10460.0	504460.1	5410461.4	75248.39844	321.05	0	48.847107	-86.939208	56267.76	56246.7	3.31	56271.07	56271.07031	56258.82799	56258.82813	504460.1	5410461.4
T10460.0	504461.9	5410461.4	75248.50000	323.57	0	48.847107	-86.939184	56267.88	56246.7	3.31	56271.19	56271.19141	56257.87983	56257.87891	504461.9	5410461.4
T10460.0	504461.9	5410461.4	75248.60156	321.40	0	48.847107	-86.939184	56268.21	56246.7	3.31	56271.53	56271.53125	56261.13082	56261.12891	504461.9	5410461.4
T10460.0	504463.4	5410461.4	75248.70313	322.54	0	48.847107	-86.939162	56268.14	56246.7	3.31	56271.46	56271.46094	56256.58806	56256.58984	504463.4	5410461.4
T10460.0	504464.7	5410461.4	75248.79688	321.97	0	48.847107	-86.939145	56267.92	56246.7	3.32	56271.24	56271.23828	56249.24040	56249.24219	504464.7	5410461.4
T10460.0	504464.7	5410461.4	75248.89844	322.88	0	48.847107	-86.939145	56268.12	56246.7	3.32	56271.43	56271.42969	56249.68105	56249.67969	504464.7	5410461.4
T10460.0	504466.4	5410461.4	75249.00000	323.88	0	48.847107	-86.939122	56268.42	56246.7	3.32	56271.74	56271.73828	56252.34498	56252.34375	504466.4	5410461.4
T10460.0	504468.0	5410461.4	75249.10156	319.88	0	48.847107	-86.939100	56269.03	56246.7	3.32	56272.35	56272.35156	56260.53062	56260.53125	504468.0	5410461.4
T10460.0	504468.0	5410461.4	75249.20313	318.79	0	48.847107	-86.939100	56269.18	56246.7	3.32	56272.50	56272.50000	56260.08511	56260.08594	504468.0	5410461.4
T10460.0	504469.6	5410461.5	75249.29688	318.01	0	48.847107	-86.939078	56269.46	56246.7	3.32	56272.78	56272.78125	56262.00135	56262.00000	504469.6	5410461.5
T10460.0	504471.1	5410461.5	75249.39844	316.82	0	48.847107	-86.939058	56269.43	56246.7	3.32	56272.75	56272.75000	56258.16993	56258.17188	504471.1	5410461.5
T10460.0	504472.4	5410461.5	75249.50000	315.36	0	48.847108	-86.939040	56269.54	56246.7	3.32	56272.86	56272.85938	56256.87280	56256.87109	504472.4	5410461.5
T10460.0	504472.4	5410461.5	75249.60156	315.16	0	48.847108	-86.939040	56269.88	56246.7	3.32	56273.20	56273.19922	56259.74580	56259.74609	504472.4	5410461.5
T10460.0	504474.1	5410461.5	75249.60156	315.38	0	48.847108	-86.939016	56270.07	56246.7	3.32	56273.39	56273.39063	56259.82144	56259.82031	504474.1	5410461.5
T10460.0	504475.5	5410461.5	75249.79688	314.18	0	48.847108	-86.938997	56270.56	56246.7	3.32	56273.88	56273.87891	56265.38335	56265.38281	504475.5	5410461.5
T10460.0	504475.5	5410461.5	75249.89844	311.97	0	48.847108	-86.938997	56270.78	56246.7	3.32	56274.10	56274.10156	56265.95538	56265.95703	504475.5	5410461.5
T10460.0	504477.1	5410461.5	75250.00000	313.45	0	48.847108	-86.938975	56271.66	56246.7	3.32	56274.98	56274.98047	56278.74258	56278.74219	504477.1	5410461.5
T10460.0	504478.5	5410461.5	75250.10156	314.67	0	48.847108	-86.938956	56271.67	56246.7	3.32	56274.99	56274.98828	56275.40211	56275.40234	504478.5	5410461.5
T10460.0	504479.9	5410461.5	75250.20313	318.23	0	48.847108	-86.938938	56271.89	56246.7	3.32	56275.21	56275.21094	56275.93365	56275.93359	504479.9	5410461.5
T10460.0	504479.9	5410461.5	75250.29688	322.67	0	48.847108	-86.938938	56271.58	56246.7	3.32	56274.90	56274.89844	56266.53223	56266.53125	504479.9	5410461.5
T10460.0	504481.2	5410461.5	75250.39844	323.89	0	48.847108	-86.938921	56271.78	56246.7	3.32	56275.11	56275.10938	56266.81652	56266.81641	504481.2	5410461.5
T10460.0	504483.1	5410461.5	75250.50000	325.00	0	48.847108	-86.938895	56271.86	56246.7	3.32	56275.18	56275.17969	56264.45671	56264.45703	504483.1	5410461.5
T10460.0	504483.1	5410461.5	75250.60156	325.71	0	48.847108	-86.938895	56272.17	56246.7	3.33	56275.49	56275.48828	56266.57227	56266.57422	504483.1	5410461.5
T10460.0	504484.4	5410461.5	75250.70313	324.17	0	48.847108	-86.938876	56272.27	56246.7	3.33	56275.59	56275.58984	56264.72379	56264.72266	504484.4	5410461.5
T10460.0	504486.1	5410461.5	75250.79688	323.78	0	48.847108	-86.938853	56272.25	56246.7	3.33	56275.58	56275.57813	56260.77405	56260.77344	504486.1	5410461.5
T10460.0	504487.8	5410461.5	75250.89844	326.84	0	48.847108	-86.938831	56272.83	56246.7	3.33	56276.16	56276.16016	56267.89891	56267.89844	504487.8	5410461.5
T10460.0	504487.8	5410461.5	75251.00000	325.02	0	48.847108	-86.938831	56272.91	56246.7	3.33	56276.24	56276.23828	56265.57699	56265.57813	504487.8	5410461.5
T10460.0	504489.8	5410461.5	75251.10156	324.58	0	48.847108	-86.938803	56273.39	56246.7	3.33	56276.72	56276.71875	56270.79979	56270.80078	504489.8	5410461.5
T10460.0	504490.9	5410461.5	75251.20313	319.93	0	48.847107	-86.938788	56273.32	56246.7	3.33	56276.65	56276.64844	56265.54363	56265.54297	504490.9	5410461.5
T10460.0	504490.9	5410461.5	75251.29688	319.08	0	48.847107	-86.938788	56273.73	56246.7	3.33	56277.06	56277.05859	56269.41327	56269.41406	504490.9	5410461.5
T10460.0	504492.7	5410461.4	75251.39844	316.54	0	48.847107	-86.938764	56273.96	56246.7	3.33	56277.29	56277.28906	56269.82448	56269.82422	504492.7	5410461.4
T10460.0	504494.1	5410461.4	75251.50000	314.81	0	48.847107	-86.938744	56274.07	56246.7	3.33	56277.40	56277.39844	56267.87715	56267.87891	504494.1	5410461.4
T10460.0	504495.8	5410461.4	75251.60156	313.68	0	48.847107	-86.938721	56274.36	56246.7	3.33	56277.69	56277.69141	56269.40855	56269.41016	504495.8	5410461.4
T10460.0	504497.2	5410461.4	75251.60156	310.88	0	48.847107	-86.938702	56274.34	56246.7	3.33	56277.67	56277.67188	56264.78344	56264.78516	504497.2	5410461.4
T10460.0	504497.2	5410461.4	75251.79688	313.32	0	48.847107	-86.938702	56275.16	56246.7	3.33	56278.49	56278.48828	56276.87869	56276.87891	504497.2	5410461.4
T10460.0	504498.5	5410461.4	75251.89844	314.96	0	48.847106	-86.938685	56275.07	56246.7	3.33	56278.40	56278.39844	56270.74235	56270.74219	504498.5	5410461.4
T10460.0	504498.5	5410461.4	75252.00000	317.36	0	48.847106	-86.938685	56275.74	56246.7	3.33	56279.07	56279.07031	56280.07971	56280.07813	504498.5	5410461.4
T10460.0	504500.4	5410461.3	75252.10156	319.47	0	48.847106	-86.938658	56275.74	56246.7	3.33	56279.07	56279.07031	56275.62910	56275.62891	504500.4	5410461.3
T10460.0	504501.8	5410461.3	75252.20313	320.26	0	48.847106	-86.938639	56276.02	56246.7	3.33	56279.35	56279.35156	56276.98090	56276.98047	504501.8	5410461.3
T10460.0	504503.3	5410461.3	75252.29688	322.68	0	48.847106	-86.938619	56275.77	56246.7	3.33	56279.10	56279.10156	56266.73492	56266.73438	504503.3	5410461.3
T10460.0	504503.3	5410461.3	75252.39844	324.03	0	48.847106	-86.938619	56276.18	56246.7	3.33	56279.51	56279.51172	56270.79865	56270.79688	504503.3	5410461.3
T10460.0	504505.0	5410461.3	75252.50000	326.82	0	48.847105	-86.938596	56276.88	56246.7	3.32	56280.20	56280.19922	56281.48462	56281.48438	504505.0	5410461.3
T10460.0	504505.0	5410461.3	75252.60156	328.50	0	48.847105	-86.938596	56276.76	56246.7	3.32	56280.09	56280.08984	56273.80381	56273.80469	504505.0	5410461.3
T10460.0	504506.4	5410461.2	75252.70313	330.23	0	48.847105	-86.938577	56277.14	56246.7	3.32	56280.47	56280.46875	56277.57124	56277.57031	504506.4	5410461.2
T10460.0	504507.6	5410461.2	75252.79688	329.01	0	48.847105	-86.938560	56276.94	56246.7	3.32	56280.26	56280.26172	56266.92027	56266.92188	504507.6	5410461.2
T10460.0	504508.8	5410461.2	75252.89844	329.37	0	48.847105	-86.938544	56277.50	56246.7	3.32	56280.82	56280.82031	56275.24254	56275.24219	504508.8	5410461.2
T10460.0	504510.1	5410461.2	75253.00000	328.84	0	48.847105	-86.938526	56277.47	56246.7	3.32	56280.79	56280.78906	56268.75211	56268.75391	504510.1	5410461.2
T10460.0	504512.0	5410461.2	75253.10156	330.98	0	48.847105	-86.938500	56277.70	56246.7	3.32	56281.02	56281.01953	56268.68477	56268.68359	504512.0	5410461.2
T10460.0	504513.5	5410461.1	75253.20313	330.16	0	48.847104	-86.938479	56277.96	56246.7	3.32	56281.28	56281.28125	56269.54559	56269.54688	504513.5	5410461.1
T10460.0	504513.5	5410461.1	75253.29688	330.66	0	48.847104	-86.938479	56278.16	56246.7	3.32	56281.48	56281.48047	56269.36077	56269.35938	504513.5	5410461.1
T10460.0	504514.9	5410461.1	75253.39844	331.09	0	48.847104	-86.938460	56278.84	56246.7	3.32	56282.16	56282.16016	56278.14061	56278.14063	504514.9	5410461.1
T10460.0	504516.3	5410461.1	75253.50000	332.56	0	48.847104	-86.938441	56279.26	56246.7	3.32	56282.58	56282.57813	56282.09463	56282.09375	504516.3	5410461.1
T10460.0	504516.3	5410461.1	75253.60156	332.06	0	48.847104	-86.938441	56279.49	56246.7	3.32	56282.81	56282.80859	56282.52500	56282.52344	504516.3	5410461.1
T10460.0	504517.8	5410461.1	75253.60156	331.41	0	48.847104	-86.938421	56279.32	56246.7	3.32	56282.64	56282.64063	56276.69987	56276.69922	504517.8	5410461.1
T10460.0	504519.8	5410461.1	75253.79688	330.26	0	48.847104	-86.938394	56279.82	56246.7	3.32	56283.14	56283.14063	56283.83585	56283.83594	504519.8	5410461.1
T10460.0	504519.8	5410461.1	75253.89844	328.86	0	48.847104	-86.938394	56279.48	56246.7	3.32	56282.80	56282.80078	56270.05453	56270.05469	504519.8	5410461.1
T10460.0	504521.2	5410461.1	75254.00000	326.58	0	48.847104	-86.938375	56280.08	56246.7	3.32	56283.40	56283.39844	56279.50495	56279.50391	504521.2	5410461.1
T10460.0	504522.6	5410461.1	75254.10156	326.33	0	48.847104	-86.938356	56280.00	56246.7	3.32	56283.32	56283.32031	56272.61775	56272.61719	504522.6	5410461.1
T10460.0	504522.6	5410461.1	75254.20313	324.54	0	48.847104	-86.938356	56280.43	56246.7	3.32	56283.75	56283.75000	56277.73837	56277.73828	504522.6	5410461.1
T10460.0	504523.9	5410461.1	75254.29688	323.05	0	48.847104	-86.938338	56280.72	56246.7	3.32	56284.04	56284.03906	56279.51364	56279.51172	504523.9	5410461.1
T10460.0	504525.2	5410461.1	75254.39844	323.20	0	48.847104	-86.938320	56281.05	56246.7	3.32	56284.37	56284.37109	56282.07095	56282.07031	504525.2	5410461.1
T10460.0	504525.2	5410461.1	75254.50000	320.42	0	48.847104	-86.938320	56281.36	56246.7	3.32	56284.68	56284.67969	56284.08828	56284.08984	504525.2	5410461.1
T10460.0	504526.6	5410461.2	75254.60156	319.42	0	48.847104	-86.938301	56280.97	56246.7	3.32	56284.29	56284.28906	56271.83881	56271.83984	504526.6	5410461.2
T10460.0	504528.0	5410461.2	75254.70313	318.93	0	48.847104	-86.938282	56281.91	56246.7	3.32	56285.23	56285.23047	56286.48613	56286.48438	504528.0	5410461.2
T10460.0	504529.4	5410461.2	75254.79688	316.38	0	48.847105	-86.938262	56281.64	56246.7	3.32	56284.96	56284.96094	56277.10187	56277.10156	504529.4	5410461.2
T10460.0	504531.0	5410461.2	75254.89844	313.52	0	48.847105	-86.938242	56282.40	56246.7	3.32	56285.72	56285.71875	56287.63226	56287.63281	504531.0	5410461.2

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
T10460.0	504531.0	5410461.2	75255.00000	312.75	0	48.847105	-86.938242	56282.36	56246.7	3.32	56285.68	56285.67969	56282.87175	56282.87109	504531.0	5410461.2
T10460.0	504532.5	5410461.2	75255.10156	314.17	0	48.847105	-86.938220	56282.81	56246.7	3.32	56286.13	56286.12891	56287.33713	56287.33594	504532.5	5410461.2
T10460.0	504534.0	5410461.2	75255.20313	314.82	0	48.847105	-86.938200	56282.78	56246.7	3.32	56286.10	56286.10156	56282.84654	56282.84766	504534.0	5410461.2
T10460.0	504534.0	5410461.2	75255.29688	314.07	0	48.847105	-86.938200	56282.78	56246.7	3.32	56286.10	56286.10156	56278.88424	56278.88281	504534.0	5410461.2
T10460.0	504535.4	5410461.2	75255.39844	315.22	0	48.847105	-86.938182	56283.52	56246.7	3.32	56286.85	56286.85156	56289.06218	56289.06250	504535.4	5410461.2
T10460.0	504536.8	5410461.2	75255.50000	314.95	0	48.847105	-86.938162	56283.36	56246.7	3.33	56286.68	56286.67969	56281.78917	56281.78906	504536.8	5410461.2
T10460.0	504538.1	5410461.2	75255.60156	314.80	0	48.847105	-86.938144	56283.93	56246.7	3.33	56287.26	56287.26172	56289.02514	56289.02344	504538.1	5410461.2
T10460.0	504539.4	5410461.2	75255.60156	316.78	0	48.847105	-86.938126	56284.18	56246.7	3.33	56287.51	56287.51172	56289.94137	56289.94141	504539.4	5410461.2
T10460.0	504539.4	5410461.2	75255.79688	319.42	0	48.847105	-86.938126	56284.73	56246.7	3.33	56288.06	56288.05859	56297.15365	56297.15234	504539.4	5410461.2
T10460.0	504540.8	5410461.3	75255.89844	322.34	0	48.847105	-86.938107	56284.60	56246.7	3.33	56287.93	56287.92969	56290.26035	56290.26172	504540.8	5410461.3
T10460.0	504542.2	5410461.3	75256.00000	323.46	0	48.847105	-86.938089	56284.87	56246.7	3.33	56288.20	56288.19922	56291.77086	56291.76953	504542.2	5410461.3
T10460.0	504543.6	5410461.3	75256.10156	325.82	0	48.847105	-86.938070	56285.14	56246.7	3.33	56288.47	56288.46875	56293.37729	56293.37891	504543.6	5410461.3
T10460.0	504545.0	5410461.3	75256.20313	326.50	0	48.847105	-86.938051	56285.11	56246.7	3.34	56288.45	56288.44922	56288.36206	56288.36328	504545.0	5410461.3
T10460.0	504545.0	5410461.3	75256.29688	327.40	0	48.847105	-86.938051	56285.70	56246.7	3.34	56289.03	56289.03125	56297.33859	56297.33984	504545.0	5410461.3
T10460.0	504546.2	5410461.3	75256.39844	331.06	0	48.847105	-86.938034	56285.64	56246.7	3.34	56288.99	56288.98828	56291.71224	56291.71094	504546.2	5410461.3
T10460.0	504547.8	5410461.3	75256.50000	330.73	0	48.847105	-86.938013	56286.23	56246.7	3.35	56289.57	56289.57031	56301.14233	56301.14063	504547.8	5410461.3
T10460.0	504547.8	5410461.3	75256.60156	331.39	0	48.847105	-86.938013	56286.16	56246.7	3.35	56289.50	56289.50000	56294.63878	56294.64063	504547.8	5410461.3
T10460.0	504549.5	5410461.3	75256.70313	334.13	0	48.847105	-86.937989	56286.74	56246.6	3.35	56290.09	56290.08984	56304.61132	56304.60938	504549.5	5410461.3
T10460.0	504550.8	5410461.3	75256.79688	332.20	0	48.847105	-86.937971	56286.67	56246.6	3.35	56290.02	56290.01953	56298.01394	56298.01563	504550.8	5410461.3
T10460.0	504552.1	5410461.3	75256.89844	331.83	0	48.847106	-86.937954	56286.71	56246.6	3.36	56290.07	56290.07031	56294.41549	56294.41406	504552.1	5410461.3
T10460.0	504552.1	5410461.3	75257.00000	331.06	0	48.847106	-86.937954	56286.89	56246.6	3.36	56290.25	56290.25000	56294.13780	56294.13672	504552.1	5410461.3
T10460.0	504553.6	5410461.4	75257.10156	331.69	0	48.847106	-86.937933	56287.08	56246.6	3.36	56290.44	56290.44141	56294.14749	56294.14844	504553.6	5410461.4
T10460.0	504553.6	5410461.4	75257.20313	330.88	0	48.847106	-86.937933	56287.68	56246.6	3.36	56291.04	56291.03906	56304.55418	56304.55469	504553.6	5410461.4
T10460.0	504555.4	5410461.4	75257.29688	327.87	0	48.847106	-86.937909	56287.41	56246.6	3.35	56290.76	56290.76172	56292.77109	56292.76953	504555.4	5410461.4
T10460.0	504556.8	5410461.4	75257.39844	326.23	0	48.847107	-86.937889	56287.76	56246.6	3.35	56291.11	56291.10938	56296.89381	56296.89453	504556.8	5410461.4
T10460.0	504558.1	5410461.5	75257.50000	325.56	0	48.847107	-86.937871	56287.45	56246.7	3.35	56290.80	56290.80078	56284.70442	56284.70313	504558.1	5410461.5
T10460.0	504558.1	5410461.5	75257.60156	323.50	0	48.847107	-86.937871	56287.94	56246.7	3.35	56291.29	56291.28906	56292.33793	56292.33984	504558.1	5410461.5
T10460.0	504559.7	5410461.5	75257.60156	322.49	0	48.847107	-86.937850	56287.41	56246.7	3.35	56290.75	56290.75000	56275.05479	56275.05469	504559.7	5410461.5
T10460.0	504561.3	5410461.6	75257.79688	320.58	0	48.847108	-86.937829	56288.01	56246.7	3.34	56291.36	56291.35938	56285.58823	56285.58984	504561.3	5410461.6
T10460.0	504562.2	5410461.6	75257.89844	320.79	0	48.847108	-86.937816	56288.27	56246.7	3.34	56291.61	56291.60938	56287.46669	56287.46484	504562.2	5410461.6
T10460.0	504562.2	5410461.6	75258.00000	320.20	0	48.847108	-86.937816	56288.45	56246.7	3.34	56291.79	56291.78906	56287.73924	56287.73828	504562.2	5410461.6
T10460.0	504563.5	5410461.7	75258.10156	320.64	0	48.847108	-86.937799	56288.93	56246.7	3.34	56292.28	56292.28125	56295.02663	56295.02734	504563.5	5410461.7
T10460.0	504564.9	5410461.7	75258.20313	321.66	0	48.847109	-86.937779	56289.01	56246.7	3.34	56292.36	56292.35938	56293.05309	56293.05469	504564.9	5410461.7
T10460.0	504566.4	5410461.8	75258.29688	323.49	0	48.847110	-86.937759	56289.68	56246.7	3.35	56293.02	56293.01953	56303.74562	56303.74609	504566.4	5410461.8
T10460.0	504566.4	5410461.8	75258.39844	324.15	0	48.847110	-86.937759	56289.17	56246.7	3.35	56292.52	56292.51953	56289.47858	56289.48047	504566.4	5410461.8
T10460.0	504567.6	5410461.8	75258.50000	325.07	0	48.847110	-86.937743	56289.77	56246.7	3.35	56293.12	56293.12109	56298.71384	56298.71484	504567.6	5410461.8
T10460.0	504568.8	5410461.9	75258.60156	325.06	0	48.847110	-86.937726	56289.46	56246.6	3.35	56292.82	56292.82031	56289.20354	56289.20313	504568.8	5410461.9
T10460.0	504570.1	5410461.9	75258.70313	326.07	0	48.847111	-86.937708	56289.86	56246.6	3.35	56293.21	56293.21094	56294.01729	56294.01563	504570.1	5410461.9
T10460.0	504570.1	5410461.9	75258.79688	324.93	0	48.847111	-86.937708	56290.26	56246.6	3.36	56293.61	56293.60938	56298.99069	56298.99219	504570.1	5410461.9
T10460.0	504571.3	5410462.0	75258.89844	321.51	0	48.847111	-86.937692	56290.42	56246.6	3.36	56293.78	56293.78125	56299.34330	56299.34375	504571.3	5410462.0
T10460.0	504572.2	5410462.0	75259.00000	319.78	0	48.847111	-86.937679	56290.82	56246.6	3.36	56294.18	56294.17969	56304.37589	56304.37500	504572.2	5410462.0
T10460.0	504573.5	5410462.0	75259.10156	316.85	0	48.847112	-86.937662	56290.69	56246.6	3.36	56294.05	56294.05078	56298.83664	56298.83594	504573.5	5410462.0
T10460.0	504573.5	5410462.0	75259.20313	316.26	0	48.847112	-86.937662	56291.26	56246.6	3.36	56294.62	56294.62109	56307.46632	56307.46484	504573.5	5410462.0
T10460.0	504574.8	5410462.1	75259.29688	315.55	0	48.847112	-86.937645	56290.95	56246.6	3.36	56294.31	56294.30859	56298.36243	56298.36328	504574.8	5410462.1
T10460.0	504576.0	5410462.1	75259.39844	312.58	0	48.847112	-86.937628	56291.48	56246.6	3.36	56294.84	56294.83984	56306.42655	56306.42578	504576.0	5410462.1
T10460.0	504576.0	5410462.1	75259.39844	313.84	0	48.847112	-86.937628	56291.48	56246.6	3.36	56294.84	56294.83984	56303.69995	56303.69922	504576.0	5410462.1
T10460.0	504577.5	5410462.1	75259.60156	315.51	0	48.847112	-86.937607	56291.74	56246.6	3.36	56295.10	56295.10156	56306.43047	56306.42969	504577.5	5410462.1
T10460.0	504579.1	5410462.1	75259.60156	317.77	0	48.847113	-86.937585	56291.77	56246.6	3.36	56295.13	56295.12891	56304.38054	56304.37891	504579.1	5410462.1
T10460.0	504580.1	5410462.1	75259.60156	317.77	0	48.847113	-86.937571	56291.79	56246.6	3.36	56295.15	56295.14844	56302.11142	56302.11328	504580.1	5410462.1
T10460.0	504580.1	5410462.1	75259.79688	323.70	0	48.847113	-86.937571	56291.94	56246.6	3.36	56295.30	56295.30078	56302.66612	56302.66797	504580.1	5410462.1
T10460.0	504581.4	5410462.2	75259.89844	323.99	0	48.847113	-86.937554	56291.44	56246.6	3.36	56294.80	56294.80078	56288.95530	56288.95703	504581.4	5410462.2
T10460.0	504581.4	5410462.2	75260.00000	327.18	0	48.847113	-86.937554	56291.84	56246.6	3.36	56295.20	56295.19922	56295.04079	56295.03906	504581.4	5410462.2
T10460.0	504582.8	5410462.2	75260.10156	329.17	0	48.847113	-86.937535	56291.62	56246.6	3.36	56294.98	56294.98047	56287.35058	56287.35156	504582.8	5410462.2
T10460.0	504583.8	5410462.2	75260.20313	328.92	0	48.847113	-86.937521	56292.23	56246.6	3.36	56295.60	56295.60156	56298.65953	56298.66016	504583.8	5410462.2
T10460.0	504583.8	5410462.2	75260.39844	328.44	0	48.847113	-86.937521	56292.20	56246.6	3.36	56295.56	56295.55859	56295.08873	56295.08984	504583.8	5410462.2
T10460.0	504585.0	5410462.2	75260.50000	330.05	0	48.847113	-86.937505	56292.94	56246.6	3.37	56296.30	56296.30078	56309.58015	56309.58203	504585.0	5410462.2
T10460.0	504586.0	5410462.2	75260.60156	332.95	0	48.847113	-86.937492	56292.77	56246.6	3.37	56296.13	56296.12891	56303.09845	56303.09766	504586.0	5410462.2
T10460.0	504586.0	5410462.2	75260.60156	333.30	0	48.847113	-86.937492	56292.64	56246.6	3.37	56296.00	56296.00000	56297.50889	56297.50781	504586.0	5410462.2
T10460.0	504587.1	5410462.2	75260.79688	331.81	0	48.847113	-86.937477	56292.79	56246.6	3.37	56296.16	56296.16016	56298.75688	56298.75781	504587.1	5410462.2
T10460.0	504588.3	5410462.2	75260.89844	328.82	0	48.847113	-86.937461	56292.86	56246.6	3.37	56296.23	56296.23047	56297.93396	56297.93359	504588.3	5410462.2
T10460.0	504589.1	5410462.2	75261.00000	325.28	0	48.847113	-86.937449	56293.43	56246.6	3.37	56296.80	56296.80078	56308.99276	56308.99219	504589.1	5410462.2
T10460.0	504589.1	5410462.2	75261.10156	321.87	0	48.847113	-86.937449	56293.20	56246.6	3.37	56296.57	56296.57031	56301.16600	56301.16406	504589.1	5410462.2
T10460.0	504590.2	5410462.2	75261.20313	319.49	0	48.847113	-86.937434	56293.64	56246.6	3.37	56297.01	56297.01172	56309.19420	56309.19531	504590.2	5410462.2
T10460.0	504591.3	5410462.2	75261.29688	318.36	0	48.847114	-86.937419	56293.18	56246.6	3.37	56296.55	56296.55078	56296.12618	56296.12500	504591.3	5410462.2
T10460.0	504591.3	5410462.2	75261.39844	318.61	0	48.847114	-86.937419	56293.73	56246.6	3.37	56297.10	56297.10156	56306.74974	56306.75000	504591.3	5410462.2
T10460.0	504592.2	5410462.2	75261.50000	320.50	0	48.847114	-86.937407	56293.50	56246.6	3.37	56296.87	56296.87109	56299.27085	56299.26953	504592.2	5410462.2
T10460.0	504593.1	5410462.2	75261.60156	321.91	0	48.847114	-86.937395	56293.71	56246.6	3.37	56297.08	56297.07813	56302.03847	56302.03906	504593.1	5410462.2
T10460.0	504593.8	5410462.2	75261.60156	321.39	0	48.847113	-86.937385	56293.76	56246.6	3.37	56297.13	56297.12891	56301.17856	56301.17969	504593.8	5410462.2
T10460.0	504594.5	5410462.2	75261.79688	324.37	0	48.847113	-86.937375	56293.58	56246.6	3.37	56296.95	56296.94922	56295.17771	56295.17578	504594.5	5410462.2
T10460.0	504594.5	5410462.2	75261.89844	325.47	0	48.847113	-86.937375	56293.96	56246.6	3.37	56297.33	56297.32813	56301.90607	56301.90625	504594.5	5410462.2
T10460.0	504595.5	5410462.2	75262.00000	326.64	0	48.847113	-86.937362	56294.20	56246.6	3.37	56297.57	56297.57031	56305.48960	56305.48828	504595.5	5410462.2
T10460.0	504596.5	5410462.2	75262.10156	326.55	0	48.847113	-86.937349	56294.34	56246.6	3.37	56297.71	56297.71094	56306.87618	56306.87500	504596.5	5410462.2
T10460.0	504596.5	5410462.2	75262.20313	326.23	0	48.847113	-86.937349	56294.09	56246.6	3.37	56297.46	56297.46094	56299.60193	56299.60156	504596.5	5410462.2
T10460.0	504597.3	5410462.2	75262.29688	325.21	0	48.847113	-86.937338	56294.40	56246.6	3.37	56297.77	56297.76953	56304.91223	56304.91406	504597.3	5410462.2
T10460.0	504598.1	5410462.1	75262.39844	323.80	0	48.847113	-86.937327	56293.96	56246.6	3.37	56297.33	56297.32813	56293.47772	56293.47656	504598.1	5410462.1
T10460.0	504598.7	5410462.1	75262.50000	318.94	0	48.847112	-86.937318	56294.37	56246.6	3.37	56297.74	56297.73828	56301.13187	56301.13281	504598.7	5410462.1
T10460.0	504599.6	5410462.1	75262.60156	318.20	0	48.847112	-86.937306	56294.40	56246.6	3.37	56297.77	56297.76953	56300.31523	56300.31641	504599.6	5410462.1
T10460.0	504599.6	5410462.1	75262.70313	317.50	0	48.847112	-86.937306	56294.57	56246.6	3.37	56297.94	56297.94141	56302.67951	56302.67969	504599.6	5410462.1
T10460.0	504600.7	5410462.0	75262.79688	317.61	0	48.847111	-86.937291	56294.52	56246.6	3.37	56297.89	56297.89063	56300.15731	56300.15625	504600.7	5410462.0
T10460.0	504600.7	5410462.0	75262.89844	323.18	0	48.847111	-86.937291	56294.60	56246.6	3.37	56297.97	56297.96875	56300.58672	56300.58594	504600.7	5410462.0
T10460.0	504601.5	5410461.9	75263.00000	325.83	0	48.847111	-86.937281	56294.68	56246.6	3.37	56298.05	56298.05078	56301.05387	56301.05469	504601.5	5410461.9
T10460.0	504602.2	5410461.9	75263.10156	324.91	0	48.847110	-86.937271	56294.75	56246.6	3.37	56298.12	56298.12109	56301.33826	56301.33984	504602.2	5410461.9
T10460.0	504602.2	5410461.9	75263.20313	327.62	0	48.847110	-86.937271	56294.96	56246.6	3.37	56298.33	56298.32813	56304.72485	56304.72656	504602.2	5410461.9
T10460.0	504603.1	5410461.8	75263.29688	328.16	0	48.847110	-86.937258	56294.75	56246.6	3.37	56298.12	56298.12109	56298.98240	56298.98047	504603.1	5410461.8
T10460.0	504603.8	5410461.7	75263.39844	328.39	0	48.847109	-86.937249	56294.98	56246.6	3.37	56298.35	56298.35156	56302.87658	56302.87500	504603.8	5410461.7
T10460.0	504604.3	5410461.7	75263.50000	326.23	0	48.847108	-86.937242	56294.65	56246.6	3.37	56298.02	56298.01953	56294.66127	56294.66016	504604.3	5410461.7
T10460.0	504604.3	5410461.7	75263.60156	324.90	0	48.847108	-86.937242	56294.86	56246.6	3.37	56298.23	56298.23047	56298.20184	56298.20313	504604.3	5410461.7
T10460.0	504605.4	5410461.6	75263.60156	321.79	0	48.847107	-86.937227	56294.70	56246.6	3.37	56298.07	56298.07031	56293.72391	56293.72266	504605.4	5410461.6
T10460.0	504606.0	5410461.5	75263.79688	319.75	0	48.847107	-86.937219	56294.86	56246.6	3.37	56298.23	56298.23047	56296.26061	56296.26172	504606.0	5410461.5
T10460.0	504606.6	5410461.4	75263.89844	318.44	0	48.847106	-86.937211	56295.02	56246.6	3.37	56298.39	56298.39063	56298.86860	56298.86719	504606.6	5410461.4
T10460.0	504607.1	5410461.4	75264.00000	316.70	0	48.847106	-86.937204	56295.24	56246.6	3.37	56298.61	56298.60938	56302.89980	56302.89844	504607.1	5410461.4
T10460.0	504607.1	5410461.4	75264.10156	315.55	0	48.847106	-86.937204	56295.46	56246.6	3.37	56298.83	56298.82813	56307.04687	56307.04688	504607.1	5410461.4
T10460.0	504607.9	5410461.3	75264.20313	316.02	0	48.847105	-86.937193	56295.40	56246.6	3.37	56298.77	56298.76953	56304.93146	56304.92969	504607.9	5410461.3

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
T10460.0	504607.9	5410461.3	75264.29688	317.55	0	48.847105	-86.937193	56295.32	56246.6	3.37	56298.69	56298.69141	56302.34729	56302.34766	504607.9	5410461.3
T10460.0	504608.5	5410461.2	75264.39844	321.49	0	48.847104	-86.937185	56295.32	56246.6	3.37	56298.69	56298.69141	56301.60681	56301.60547	504608.5	5410461.2
T10460.0	504609.1	5410461.1	75264.50000	323.59	0	48.847103	-86.937176	56295.24	56246.6	3.38	56298.62	56298.62109	56299.23513	56299.23438	504609.1	5410461.1
T10460.0	504609.8	5410461.0	75264.60156	327.93	0	48.847102	-86.937168	56295.11	56246.6	3.38	56298.48	56298.48047	56295.17993	56295.17969	504609.8	5410461.0
T10460.0	504609.8	5410461.0	75264.70313	330.36	0	48.847102	-86.937168	56295.14	56246.6	3.38	56298.51	56298.51172	56295.16509	56295.16406	504609.8	5410461.0
T10460.0	504610.4	5410460.9	75264.79688	332.81	0	48.847102	-86.937159	56295.32	56246.6	3.38	56298.69	56298.69141	56298.82628	56298.82813	504610.4	5410460.9
T10460.0	504610.9	5410460.9	75264.89844	334.62	0	48.847101	-86.937152	56295.57	56246.6	3.38	56298.95	56298.94922	56304.54363	56304.54297	504610.9	5410460.9
T10460.0	504610.9	5410460.9	75265.00000	335.38	0	48.847101	-86.937152	56295.34	56246.6	3.38	56298.72	56298.71875	56298.29536	56298.29688	504610.9	5410460.9
T10460.0	504611.5	5410460.8	75265.10156	332.21	0	48.847100	-86.937144	56295.44	56246.6	3.38	56298.82	56298.82031	56300.18241	56300.18359	504611.5	5410460.8
T10460.0	504612.1	5410460.7	75265.20313	329.59	0	48.847100	-86.937136	56295.60	56246.6	3.38	56298.98	56298.98047	56303.62213	56303.62109	504612.1	5410460.7
T10460.0	504612.5	5410460.7	75265.29688	323.08	0	48.847099	-86.937131	56295.54	56246.6	3.37	56298.92	56298.92188	56301.59985	56301.60156	504612.5	5410460.7
T10460.0	504612.8	5410460.6	75265.39844	323.15	0	48.847099	-86.937126	56295.50	56246.6	3.37	56298.87	56298.87109	56299.83807	56299.83984	504612.8	5410460.6
T10460.0	504612.8	5410460.6	75265.50000	322.42	0	48.847099	-86.937126	56295.62	56246.6	3.37	56298.99	56298.98828	56302.37628	56302.37500	504612.8	5410460.6
T10460.0	504613.2	5410460.6	75265.60156	321.56	0	48.847099	-86.937121	56295.60	56246.6	3.37	56298.97	56298.96875	56301.41134	56301.41016	504613.2	5410460.6
T10460.0	504613.7	5410460.5	75265.60156	323.43	0	48.847098	-86.937114	56295.52	56246.6	3.37	56298.89	56298.89063	56298.97102	56298.97266	504613.7	5410460.5
T10460.0	504613.7	5410460.5	75265.79688	325.14	0	48.847098	-86.937114	56295.62	56246.6	3.36	56298.99	56298.98828	56301.05326	56301.05469	504613.7	5410460.5
T10460.0	504614.0	5410460.5	75265.89844	324.30	0	48.847098	-86.937109	56295.42	56246.6	3.36	56298.78	56298.78125	56295.49593	56295.49609	504614.0	5410460.5
T10460.0	504614.5	5410460.4	75266.00000	324.46	0	48.847097	-86.937103	56295.46	56246.6	3.36	56298.82	56298.82031	56296.16070	56296.16016	504614.5	5410460.4
T10460.0	504614.9	5410460.4	75266.10156	324.13	0	48.847097	-86.937098	56295.36	56246.6	3.36	56298.72	56298.71875	56293.47350	56293.47266	504614.9	5410460.4
T10460.0	504614.9	5410460.4	75266.20313	326.63	0	48.847097	-86.937098	56295.29	56246.6	3.36	56298.65	56298.64844	56291.58810	56291.58984	504614.9	5410460.4
T10460.0	504615.3	5410460.3	75266.29688	327.81	0	48.847096	-86.937093	56295.36	56246.6	3.36	56298.73	56298.73047	56293.27645	56293.27734	504615.3	5410460.3
T10460.0	504615.5	5410460.3	75266.39844	329.82	0	48.847096	-86.937090	56295.21	56246.6	3.36	56298.58	56298.57813	56289.61785	56289.61719	504615.5	5410460.3
T10460.0	504615.8	5410460.3	75266.50000	328.74	0	48.847096	-86.937085	56295.37	56246.6	3.37	56298.74	56298.73828	56293.13598	56293.13672	504615.8	5410460.3
T10460.0	504616.2	5410460.3	75266.60156	325.85	0	48.847096	-86.937080	56295.41	56246.6	3.37	56298.78	56298.78125	56293.86950	56293.87109	504616.2	5410460.3
T10460.0	504616.2	5410460.3	75266.70313	322.32	0	48.847096	-86.937080	56295.63	56246.6	3.37	56299.00	56299.00000	56298.66040	56298.66016	504616.2	5410460.3
T10460.0	504616.5	5410460.3	75266.79688	322.03	0	48.847096	-86.937075	56295.41	56246.6	3.37	56298.78	56298.78125	56293.52467	56293.52344	504616.5	5410460.3
T10460.0	504616.8	5410460.2	75266.89844	320.72	0	48.847095	-86.937071	56295.41	56246.6	3.37	56298.78	56298.78125	56293.35974	56293.35938	504616.8	5410460.2
T10460.0	504616.8	5410460.2	75267.00000	320.75	0	48.847095	-86.937071	56295.26	56246.6	3.37	56298.63	56298.62891	56289.84266	56289.84375	504616.8	5410460.2
T10460.0	504617.2	5410460.2	75267.10156	322.61	0	48.847095	-86.937067	56295.20	56246.6	3.37	56298.56	56298.55859	56288.11699	56288.11719	504617.2	5410460.2
T10460.0	504617.4	5410460.2	75267.20313	323.55	0	48.847095	-86.937063	56295.34	56246.6	3.37	56298.71	56298.71094	56291.30921	56291.30859	504617.4	5410460.2
T10460.0	504617.4	5410460.2	75267.29688	325.12	0	48.847095	-86.937063	56295.24	56246.6	3.37	56298.60	56298.60156	56288.66877	56288.66797	504617.4	5410460.2
T10460.0	504617.8	5410460.1	75267.39844	323.56	0	48.847094	-86.937058	56295.40	56246.6	3.37	56298.76	56298.76172	56292.09319	56292.09375	504617.8	5410460.1
T10460.0	504618.0	5410460.1	75267.50000	325.33	0	48.847094	-86.937055	56295.16	56246.6	3.36	56298.53	56298.53125	56286.69436	56286.69531	504618.0	5410460.1
T10460.0	504618.2	5410460.0	75267.60156	320.75	0	48.847094	-86.937052	56295.39	56246.6	3.36	56298.75	56298.75000	56291.50660	56291.50781	504618.2	5410460.0
T10460.0	504618.4	5410460.0	75267.60156	321.33	0	48.847093	-86.937050	56295.32	56246.6	3.36	56298.68	56298.67969	56289.70278	56289.70313	504618.4	5410460.0
T10460.0	504618.4	5410460.0	75267.79688	320.91	0	48.847093	-86.937050	56295.64	56246.6	3.36	56299.01	56299.01172	56297.17133	56297.17188	504618.4	5410460.0
T10460.0	504618.6	5410459.9	75267.89844	318.83	0	48.847092	-86.937047	56295.52	56246.6	3.36	56298.88	56298.87891	56293.97302	56293.97266	504618.6	5410459.9
T10460.0	504618.6	5410459.9	75268.00000	323.32	0	48.847092	-86.937047	56295.49	56246.6	3.36	56298.85	56298.85156	56293.08257	56293.08203	504618.6	5410459.9
T10460.0	504618.8	5410459.9	75268.10156	322.99	0	48.847092	-86.937045	56295.62	56246.6	3.36	56298.98	56298.98047	56296.01332	56296.01172	504618.8	5410459.9
T10460.0	504618.9	5410459.8	75268.20313	324.75	0	48.847091	-86.937044	56295.60	56246.6	3.36	56298.96	56298.96094	56295.36706	56295.36719	504618.9	5410459.8
T10460.0	504618.9	5410459.8	75268.29688	326.52	0	48.847091	-86.937044	56295.54	56246.6	3.36	56298.90	56298.89844	56293.72419	56293.72266	504618.9	5410459.8
T10460.0	504618.9	5410459.8	75268.39844	328.63	0	48.847091	-86.937043	56295.26	56246.6	3.36	56298.62	56298.62109	56286.58839	56286.58984	504618.9	5410459.8
T10460.0	504619.0	5410459.7	75268.50000	330.30	0	48.847091	-86.937041	56295.17	56246.6	3.36	56298.53	56298.53125	56284.06989	56284.07031	504619.0	5410459.7
T10460.0	504619.1	5410459.7	75268.60156	331.09	0	48.847090	-86.937040	56295.26	56246.6	3.36	56298.62	56298.62109	56286.06384	56286.06250	504619.1	5410459.7
T10460.0	504619.1	5410459.7	75268.70313	332.33	0	48.847090	-86.937040	56295.50	56246.6	3.36	56298.86	56298.85938	56291.92726	56291.92578	504619.1	5410459.7
T10460.0	504619.2	5410459.7	75268.79688	330.68	0	48.847090	-86.937039	56295.70	56246.6	3.36	56299.06	56299.05859	56296.85730	56296.85547	504619.2	5410459.7
T10460.0	504619.3	5410459.6	75268.89844	329.54	0	48.847090	-86.937038	56295.64	56246.6	3.36	56299.00	56299.00000	56291.63273	56291.63281	504619.3	5410459.6
T10460.0	504619.3	5410459.6	75269.00000	330.60	0	48.847090	-86.937038	56295.63	56246.6	3.36	56298.99	56298.98828	56291.20565	56291.20703	504619.3	5410459.6
T10460.0	504619.4	5410459.6	75269.10156	328.16	0	48.847090	-86.937036	56295.57	56246.6	3.36	56298.93	56298.92969	56289.87256	56289.87109	504619.4	5410459.6
T10460.0	504619.6	5410459.6	75269.20313	327.64	0	48.847089	-86.937033	56295.78	56246.6	3.36	56299.14	56299.14063	56293.49952	56293.50000	504619.6	5410459.6
T10460.0	504619.8	5410459.6	75269.29688	329.28	0	48.847089	-86.937031	56295.85	56246.6	3.36	56299.21	56299.21094	56294.56764	56294.56641	504619.8	5410459.6
T10460.0	504619.8	5410459.6	75269.39844	327.52	0	48.847089	-86.937031	56295.73	56246.6	3.36	56299.09	56299.08984	56292.16693	56292.16797	504619.8	5410459.6
T10460.0	504620.0	5410459.5	75269.50000	329.45	0	48.847089	-86.937028	56295.67	56246.6	3.36	56299.03	56299.03125	56294.76120	56294.76172	504620.0	5410459.5
T10460.0	504620.3	5410459.5	75269.60156	328.46	0	48.847089	-86.937024	56295.39	56246.6	3.37	56298.75	56298.75000	56287.37987	56287.37891	504620.3	5410459.5
T10460.0	504620.5	5410459.5	75269.60156	328.09	0	48.847089	-86.937021	56295.47	56246.6	3.37	56298.84	56298.83984	56289.51021	56289.51172	504620.5	5410459.5
T10460.0	504620.5	5410459.5	75269.79688	329.23	0	48.847089	-86.937021	56295.29	56246.6	3.37	56298.65	56298.64844	56284.52175	56284.52344	504620.5	5410459.5
T10460.0	504620.8	5410459.5	75269.89844	326.80	0	48.847088	-86.937017	56295.04	56246.6	3.37	56298.40	56298.39844	56278.08441	56278.08594	504620.8	5410459.5
T10460.0	504621.0	5410459.5	75270.00000	327.41	0	48.847088	-86.937014	56295.24	56246.6	3.37	56298.61	56298.60938	56283.19493	56283.19531	504621.0	5410459.5
T10460.0	504621.4	5410459.4	75270.10156	325.53	0	48.847088	-86.937010	56295.14	56246.6	3.37	56298.51	56298.51172	56280.52879	56280.52734	504621.4	5410459.4
T10460.0	504621.4	5410459.4	75270.20313	324.93	0	48.847088	-86.937010	56295.49	56246.6	3.37	56298.85	56298.85156	56288.71730	56288.71875	504621.4	5410459.4
T10460.0	504621.8	5410459.4	75270.29688	323.96	0	48.847088	-86.937003	56295.52	56246.6	3.36	56298.89	56298.89063	56289.43034	56289.42969	504621.8	5410459.4
T10460.0	504621.8	5410459.4	75270.39844	324.52	0	48.847088	-86.937003	56295.39	56246.6	3.36	56298.75	56298.75000	56285.69516	56285.69531	504621.8	5410459.4
T10460.0	504622.1	5410459.4	75270.50000	323.46	0	48.847088	-86.936999	56295.34	56246.6	3.36	56298.70	56298.69922	56284.14229	56284.14063	504622.1	5410459.4
T10460.0	504622.5	5410459.3	75270.60156	321.14	0	48.847087	-86.936994	56295.57	56246.6	3.36	56298.93	56298.92969	56289.41871	56289.41797	504622.5	5410459.3
T10460.0	504622.8	5410459.3	75270.60156	321.94	0	48.847087	-86.936990	56295.72	56246.6	3.36	56299.08	56299.07813	56292.71357	56292.71484	504622.8	5410459.3
T10460.0	504622.8	5410459.3	75270.79688	323.06	0	48.847087	-86.936990	56295.70	56246.6	3.35	56299.06	56299.05859	56291.81134	56291.81250	504622.8	5410459.3
T10460.0	504623.3	5410459.3	75270.89844	324.97	0	48.847087	-86.936983	56295.92	56246.6	3.35	56299.27	56299.26953	56296.56865	56296.57031	504623.3	5410459.3
T10460.0	504623.8	5410459.3	75271.00000	322.59	0	48.847087	-86.936977	56295.86	56246.7	3.35	56299.21	56299.21094	56294.63378	56294.63281	504623.8	5410459.3
T10460.0	504623.8	5410459.3	75271.10156	325.86	0	48.847087	-86.936977	56296.10	56246.6	3.35	56299.45	56299.44922	56300.16752	56300.16797	504623.8	5410459.3
T10460.0	504624.3	5410459.3	75271.20313	330.26	0	48.847087	-86.936969	56295.96	56246.6	3.35	56299.31	56299.30859	56296.17264	56296.17188	504624.3	5410459.3
T10460.0	504624.3	5410459.3	75271.29688	327.77	0	48.847087	-86.936969	56295.88	56246.6	3.35	56299.23	56299.23047	56293.62044	56293.62109	504624.3	5410459.3
T10460.0	504624.8	5410459.4	75271.39844	325.80	0	48.847088	-86.936962	56295.55	56246.6	3.35	56298.90	56298.89844	56284.58333	56284.58203	504624.8	5410459.4
T10460.0	504625.3	5410459.4	75271.50000	331.92	0	48.847088	-86.936956	56295.36	56246.6	3.36	56298.72	56298.71875	56279.37686	56279.37500	504625.3	5410459.4
T10460.0	504625.3	5410459.4	75271.60156	332.57	0	48.847088	-86.936956	56295.26	56246.6	3.36	56298.62	56298.62109	56276.95537	56276.95703	504625.3	5410459.4
T10460.0	504625.8	5410459.4	75271.60156	328.83	0	48.847088	-86.936949	56295.07	56246.6	3.36	56298.42	56298.42188	56272.60741	56272.60547	504625.8	5410459.4
T10460.0	504626.3	5410459.5	75271.79688	329.97	0	48.847089	-86.936943	56295.29	56246.6	3.36	56298.64	56298.64063	56276.07331	56276.07422	504626.3	5410459.5
T10460.0	504626.3	5410459.5	75271.89844	330.81	0	48.847089	-86.936943	56295.26	56246.6	3.36	56298.62	56298.62109	56275.03777	56275.03906	504626.3	5410459.5
T10460.0	504626.9	5410459.6	75272.00000	327.10	0	48.847089	-86.936934	56295.50	56246.6	3.36	56298.86	56298.85938	56278.97566	56278.97656	504626.9	5410459.6
T10460.0	504627.5	5410459.6	75272.10156	329.33	0	48.847090	-86.936926	56295.57	56246.6	3.36	56298.93	56298.92969	56279.69399	56279.69531	504627.5	5410459.6
T10460.0	504628.1	5410459.6	75272.20313	328.94	0	48.847090	-86.936917	56295.29	56246.6	3.36	56298.65	56298.64844	56273.57953	56273.57813	504628.1	5410459.6
T10460.0	504628.1	5410459.6	75272.29688	328.53	0	48.847090	-86.936917	56295.27	56246.6	3.36	56298.63	56298.62891	56272.49839	56272.50000	504628.1	5410459.6
T10460.0	504628.8	5410459.7	75272.39844	329.30	0	48.847090	-86.936908	56295.39	56246.6	3.36	56298.75	56298.75000	56274.19193	56274.19141	504628.8	5410459.7
T10460.0	504629.3	5410459.7	75272.50000	329.62	0	48.847090	-86.936901	56295.62	56246.6	3.36	56298.98	56298.98047	56278.12018	56278.12109	504629.3	5410459.7
T10460.0	504629.3	5410459.7	75272.60156	331.77	0	48.847090	-86.936901	56295.45	56246.6	3.36	56298.81	56298.80859	56274.04865	56274.04688	504629.3	5410459.7
T10460.0	504629.9	5410459.7	75272.70313	332.39	0	48.847090	-86.936893	56295.62	56246.6	3.36	56298.98	56298.98047	56276.82324	56276.82422	504629.9	5410459.7
T10460.0	504630.5	5410459.6	75272.79688	328.40	0	48.847090	-86.936886	56295.78	56246.6	3.36	56299.14	56299.14063	56279.42716	56279.42578	504630.5	5410459.6
T10460.0	504630.5	5410459.6	75272.89844	328.41	0	48.847090	-86.936886	56296.08	56246.6	3.36	56299.44	56299.44141	56284.92100	56284.92188	504630.5	5410459.6
T10460.0	504631.1	5410459.6	75273.00000	327.43	0	48.847090	-86.936877	56296.08	56246.6	3.36	56299.44	56299.44141	56284.30061	56284.30078	504631.1	5410459.6
T10460.0	504631.8	5410459.6	75273.10156	330.34	0	48.847090	-86.936868	56296.21	56246.6	3.36	56299.57	56299.57031	56286.35223	56286.35156	504631.8	5410459.6
T10460.0	504632.4	5410459.6	75273.20313	331.29	0	48.847089	-86.936859	56296.25	56246.6	3.36	56299.61	56299.60938	56286.55419	56286.55469	504632.4	5410459.6
T10460.0	504632.4	5410459.6	75273.29688	334.33	0	48.847089	-86.936859	56296.19	56246.6	3.36	56299.55	56299.55078	56284.68223	56284.68359	504632.4	5410459.6
T10460.0	504633.1	5410459.6	75273.39844	333.51	0	48.847089	-86.936849	56296.25	56246.6	3.36	56299.61	56299.60938	56285.29043	56285.28906	504633.1	5410459.6
T10460.0	504633.9	5410459.6	75273.50000	333.70	0	48.847089	-86.936838	56296.32	56246.6	3.36	56299.68	56299.67969	56286.10487	56286.10547	504633.9	5410459.6

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
T10460.0	504634.5	5410459.6	75273.60156	331.95	0	48.847089	-86.936830	56296.46	56246.6	3.36	56299.82	56299.82031	56288.37301	56288.37109	504634.5	5410459.6
T10460.0	504634.5	5410459.6	75273.60156	335.39	0	48.847089	-86.936830	56296.29	56246.6	3.36	56299.65	56299.64844	56284.17427	56284.17578	504634.5	5410459.6
T10460.0	504635.2	5410459.5	75273.79688	333.65	0	48.847089	-86.936821	56296.38	56246.6	3.36	56299.74	56299.73828	56285.38231	56285.38281	504635.2	5410459.5
T10460.0	504636.2	5410459.5	75273.89844	334.13	0	48.847089	-86.936808	56295.98	56246.6	3.36	56299.34	56299.33984	56276.32601	56276.32422	504636.2	5410459.5
T10460.0	504636.2	5410459.5	75274.00000	332.89	0	48.847089	-86.936808	56296.10	56246.6	3.36	56299.46	56299.46094	56278.11696	56278.11719	504636.2	5410459.5
T10460.0	504636.9	5410459.5	75274.10156	333.76	0	48.847089	-86.936798	56296.01	56246.6	3.36	56299.37	56299.37109	56275.47044	56275.46875	504636.9	5410459.5
T10460.0	504637.5	5410459.5	75274.20313	330.26	0	48.847089	-86.936789	56296.19	56246.6	3.36	56299.55	56299.55078	56278.47482	56278.47656	504637.5	5410459.5
T10460.0	504638.5	5410459.5	75274.29688	330.71	0	48.847088	-86.936776	56296.58	56246.6	3.36	56299.95	56299.94922	56286.15764	56286.15625	504638.5	5410459.5
T10460.0	504638.5	5410459.5	75274.39844	329.38	0	48.847088	-86.936776	56297.11	56246.6	3.36	56300.47	56300.46875	56296.47878	56296.48047	504638.5	5410459.5
T10460.0	504639.3	5410459.5	75274.50000	329.59	0	48.847088	-86.936765	56297.36	56246.6	3.37	56300.72	56300.71875	56301.10918	56301.10938	504639.3	5410459.5
T10460.0	504640.0	5410459.4	75274.60156	330.84	0	48.847088	-86.936755	56296.88	56246.6	3.37	56300.24	56300.23828	56289.95617	56289.95703	504640.0	5410459.4
T10460.0	504640.0	5410459.4	75274.70313	331.94	0	48.847088	-86.936755	56297.11	56246.6	3.37	56300.47	56300.46875	56294.14945	56294.14844	504640.0	5410459.4
T10460.0	504641.1	5410459.4	75274.79688	330.67	0	48.847088	-86.936741	56296.88	56246.6	3.37	56300.24	56300.23828	56288.25789	56288.25781	504641.1	5410459.4
T10460.0	504641.9	5410459.4	75274.89844	331.71	0	48.847088	-86.936729	56296.97	56246.6	3.37	56300.34	56300.33984	56289.59758	56289.59766	504641.9	5410459.4
T10460.0	504641.9	5410459.4	75275.00000	331.13	0	48.847088	-86.936729	56297.08	56246.6	3.37	56300.45	56300.44922	56291.17670	56291.17578	504641.9	5410459.4
T10460.0	504642.5	5410459.4	75275.10156	335.10	0	48.847088	-86.936722	56296.85	56246.6	3.37	56300.22	56300.21875	56285.09116	56285.08984	504642.5	5410459.4
T10460.0	504643.5	5410459.4	75275.20313	334.63	0	48.847088	-86.936708	56296.95	56246.6	3.37	56300.32	56300.32031	56286.42228	56286.42188	504643.5	5410459.4
T10460.0	504643.5	5410459.4	75275.29688	338.21	0	48.847088	-86.936708	56296.86	56246.6	3.37	56300.24	56300.23828	56283.64028	56283.64063	504643.5	5410459.4
T10460.0	504644.1	5410459.4	75275.39844	337.73	0	48.847088	-86.936699	56297.00	56246.6	3.37	56300.37	56300.37109	56285.67563	56285.67578	504644.1	5410459.4
T10460.0	504644.9	5410459.4	75275.50000	340.21	0	48.847088	-86.936688	56296.82	56246.6	3.38	56300.20	56300.19922	56280.75607	56280.75781	504644.9	5410459.4
T10460.0	504645.6	5410459.4	75275.60156	342.27	0	48.847088	-86.936679	56297.25	56246.6	3.38	56300.63	56300.62891	56289.83829	56289.83984	504645.6	5410459.4
T10460.0	504645.6	5410459.4	75275.60156	338.34	0	48.847088	-86.936679	56297.20	56246.6	3.38	56300.58	56300.57813	56287.72047	56287.71875	504645.6	5410459.4
T10460.0	504646.4	5410459.4	75275.79688	341.44	0	48.847088	-86.936668	56297.16	56246.6	3.38	56300.53	56300.53125	56285.58656	56285.58594	504646.4	5410459.4
T10460.0	504646.4	5410459.4	75275.89844	340.38	0	48.847088	-86.936668	56297.13	56246.6	3.38	56300.51	56300.51172	56284.15720	56284.15625	504646.4	5410459.4
T10460.0	504648.0	5410459.4	75276.00000	338.41	0	48.847088	-86.936647	56297.20	56246.6	3.38	56300.58	56300.57813	56284.87620	56284.87500	504648.0	5410459.4
T10460.0	504648.0	5410459.4	75276.10156	337.67	0	48.847088	-86.936647	56297.48	56246.6	3.38	56300.86	56300.85938	56290.62529	56290.62500	504648.0	5410459.4
T10460.0	504648.7	5410459.4	75276.20313	336.80	0	48.847088	-86.936637	56297.41	56246.6	3.38	56300.79	56300.78906	56288.03418	56288.03516	504648.7	5410459.4
T10460.0	504648.7	5410459.4	75276.29688	333.49	0	48.847088	-86.936637	56297.31	56246.6	3.38	56300.68	56300.67969	56284.49674	56284.49609	504648.7	5410459.4
T10460.0	504649.6	5410459.5	75276.39844	336.38	0	48.847088	-86.936625	56297.43	56246.6	3.38	56300.81	56300.80859	56286.70374	56286.70313	504649.6	5410459.5
T10460.0	504650.3	5410459.5	75276.50000	337.24	0	48.847088	-86.936616	56297.48	56246.6	3.38	56300.86	56300.85938	56287.00826	56287.00781	504650.3	5410459.5
T10460.0	504651.1	5410459.5	75276.60156	336.52	0	48.847089	-86.936604	56297.51	56246.6	3.38	56300.89	56300.89063	56286.84172	56286.83984	504651.1	5410459.5
T10460.0	504651.1	5410459.5	75276.70313	337.97	0	48.847089	-86.936604	56297.75	56246.6	3.38	56301.13	56301.12891	56291.64925	56291.64844	504651.1	5410459.5
T10460.0	504651.8	5410459.6	75276.79688	339.57	0	48.847089	-86.936595	56297.74	56246.6	3.38	56301.12	56301.12109	56290.52578	56290.52734	504651.8	5410459.6
T10460.0	504652.5	5410459.6	75276.89844	336.09	0	48.847089	-86.936585	56297.58	56246.6	3.38	56300.96	56300.96094	56285.87111	56285.87109	504652.5	5410459.6
T10460.0	504652.5	5410459.6	75277.00000	338.64	0	48.847089	-86.936585	56297.71	56246.6	3.38	56301.09	56301.08984	56288.04215	56288.04297	504652.5	5410459.6
T10460.0	504653.1	5410459.6	75277.10156	337.37	0	48.847089	-86.936576	56297.64	56246.6	3.38	56301.02	56301.01953	56285.49826	56285.50000	504653.1	5410459.6
T10460.0	504653.9	5410459.6	75277.20313	332.15	0	48.847090	-86.936566	56297.74	56246.6	3.38	56301.12	56301.12109	56286.92829	56286.92969	504653.9	5410459.6
T10460.0	504653.9	5410459.6	75277.29688	334.34	0	48.847090	-86.936566	56297.72	56246.6	3.38	56301.10	56301.10156	56285.52280	56285.52344	504653.9	5410459.6
T10460.0	504654.7	5410459.7	75277.39844	336.04	0	48.847090	-86.936555	56297.86	56246.6	3.38	56301.24	56301.23828	56287.86635	56287.86719	504654.7	5410459.7
T10460.0	504655.4	5410459.7	75277.50000	333.74	0	48.847090	-86.936546	56298.02	56246.6	3.38	56301.40	56301.39844	56290.68293	56290.68359	504655.4	5410459.7
T10460.0	504656.0	5410459.7	75277.60156	335.79	0	48.847090	-86.936537	56298.07	56246.6	3.38	56301.45	56301.44922	56290.90187	56290.90234	504656.0	5410459.7
T10460.0	504656.9	5410459.7	75277.60156	338.36	0	48.847090	-86.936526	56298.28	56246.6	3.38	56301.66	56301.66016	56294.92630	56294.92578	504656.9	5410459.7
T10460.0	504656.9	5410459.7	75277.79688	334.00	0	48.847090	-86.936526	56298.25	56246.6	3.38	56301.63	56301.62891	56293.24376	56293.24219	504656.9	5410459.7
T10460.0	504657.5	5410459.7	75277.89844	333.31	0	48.847091	-86.936517	56298.20	56246.6	3.38	56301.58	56301.57813	56291.11380	56291.11328	504657.5	5410459.7
T10460.0	504658.2	5410459.7	75278.00000	336.90	0	48.847091	-86.936508	56298.16	56246.6	3.38	56301.54	56301.53906	56289.22351	56289.22266	504658.2	5410459.7
T10460.0	504658.2	5410459.7	75278.10156	338.72	0	48.847091	-86.936508	56298.22	56246.6	3.38	56301.60	56301.60156	56289.72513	56289.72656	504658.2	5410459.7
T10460.0	504658.8	5410459.7	75278.20313	336.87	0	48.847091	-86.936499	56298.17	56246.6	3.38	56301.55	56301.55078	56287.59724	56287.59766	504658.8	5410459.7
T10460.0	504659.5	5410459.8	75278.29688	339.33	0	48.847091	-86.936490	56298.16	56246.6	3.38	56301.54	56301.53906	56286.42678	56286.42578	504659.5	5410459.8
T10460.0	504660.3	5410459.8	75278.39844	341.85	0	48.847091	-86.936479	56298.07	56246.6	3.38	56301.45	56301.44922	56283.34441	56283.34375	504660.3	5410459.8
T10460.0	504660.3	5410459.8	75278.50000	338.43	0	48.847091	-86.936479	56298.27	56246.6	3.38	56301.65	56301.64844	56287.19775	56287.19922	504660.3	5410459.8
T10460.0	504661.0	5410459.8	75278.60156	338.77	0	48.847091	-86.936470	56298.13	56246.6	3.38	56301.51	56301.51172	56282.92217	56282.92188	504661.0	5410459.8
T10460.0	504661.0	5410459.8	75278.70313	341.96	0	48.847091	-86.936470	56298.27	56246.6	3.38	56301.65	56301.64844	56285.34335	56285.34375	504661.0	5410459.8
T10460.0	504662.1	5410459.8	75278.79688	341.86	0	48.847091	-86.936454	56298.45	56246.6	3.38	56301.83	56301.82813	56288.72240	56288.72266	504662.1	5410459.8
T10460.0	504662.7	5410459.8	75278.89844	338.26	0	48.847091	-86.936446	56298.59	56246.6	3.38	56301.97	56301.96875	56291.14639	56291.14453	504662.7	5410459.8
T10460.0	504663.5	5410459.9	75279.00000	340.97	0	48.847092	-86.936436	56298.78	56246.6	3.38	56302.16	56302.16016	56294.76746	56294.76563	504663.5	5410459.9
T10460.0	504664.1	5410459.9	75279.10156	341.58	0	48.847092	-86.936427	56298.51	56246.6	3.38	56301.89	56301.89063	56287.39038	56287.39063	504664.1	5410459.9
T10460.0	504664.1	5410459.9	75279.20313	337.58	0	48.847092	-86.936427	56298.42	56246.6	3.39	56301.81	56301.80859	56284.55812	56284.55859	504664.1	5410459.9
T10460.0	504664.7	5410459.9	75279.29688	339.38	0	48.847092	-86.936418	56298.25	56246.6	3.39	56301.64	56301.64063	56279.57526	56279.57422	504664.7	5410459.9
T10460.0	504665.6	5410459.9	75279.39844	341.62	0	48.847092	-86.936407	56298.48	56246.6	3.39	56301.87	56301.87109	56284.15878	56284.16016	504665.6	5410459.9
T10460.0	504665.6	5410459.9	75279.50000	338.18	0	48.847092	-86.936407	56298.68	56246.6	3.40	56302.08	56302.07813	56288.26550	56288.26563	504665.6	5410459.9
T10460.0	504666.3	5410460.0	75279.60156	337.65	0	48.847093	-86.936398	56298.64	56246.6	3.40	56302.04	56302.03906	56286.39556	56286.39453	504666.3	5410460.0
T10460.0	504667.1	5410460.0	75279.60156	344.71	0	48.847093	-86.936387	56298.63	56246.6	3.40	56302.03	56302.03125	56285.24433	56285.24609	504667.1	5410460.0
T10460.0	504667.1	5410460.0	75279.79688	345.87	0	48.847093	-86.936387	56298.69	56246.6	3.40	56302.09	56302.08984	56285.76824	56285.76953	504667.1	5410460.0
T10460.0	504667.8	5410460.0	75279.89844	343.63	0	48.847093	-86.936377	56298.89	56246.6	3.41	56302.30	56302.30078	56289.88018	56289.87891	504667.8	5410460.0
T10460.0	504668.8	5410460.0	75280.00000	346.55	0	48.847093	-86.936363	56298.81	56246.6	3.41	56302.22	56302.21875	56287.05865	56287.05859	504668.8	5410460.0
T10460.0	504668.8	5410460.0	75280.10156	342.91	0	48.847093	-86.936363	56298.94	56246.6	3.41	56302.35	56302.35156	56289.25969	56289.25781	504668.8	5410460.0
T10460.0	504669.4	5410460.1	75280.20313	339.49	0	48.847094	-86.936354	56298.81	56246.6	3.41	56302.22	56302.21875	56285.24440	56285.24609	504669.4	5410460.1
T10460.0	504670.3	5410460.1	75280.29688	342.93	0	48.847094	-86.936343	56298.71	56246.6	3.41	56302.13	56302.12891	56282.18633	56282.18750	504670.3	5410460.1
T10460.0	504671.0	5410460.1	75280.39844	342.23	0	48.847094	-86.936333	56298.66	56246.6	3.41	56302.07	56302.07031	56279.84621	56279.84766	504671.0	5410460.1
T10460.0	504671.0	5410460.1	75280.50000	339.39	0	48.847094	-86.936333	56298.61	56246.6	3.41	56302.02	56302.01953	56277.74563	56277.74609	504671.0	5410460.1
T10460.0	504671.9	5410460.2	75280.60156	343.23	0	48.847094	-86.936320	56298.68	56246.6	3.41	56302.09	56302.08984	56278.51477	56278.51563	504671.9	5410460.2
T10460.0	504672.9	5410460.2	75280.60156	343.03	0	48.847095	-86.936307	56298.71	56246.6	3.41	56302.13	56302.12891	56278.56660	56278.56641	504672.9	5410460.2
T10460.0	504673.5	5410460.2	75280.79688	340.87	0	48.847095	-86.936299	56299.01	56246.6	3.41	56302.42	56302.42188	56284.59636	56284.59766	504673.5	5410460.2
T10460.0	504673.5	5410460.2	75280.89844	342.26	0	48.847095	-86.936299	56299.27	56246.6	3.41	56302.68	56302.67969	56289.90841	56289.91016	504673.5	5410460.2
T10460.0	504674.6	5410460.3	75281.00000	338.32	0	48.847095	-86.936284	56299.35	56246.6	3.41	56302.76	56302.76172	56290.91570	56290.91406	504674.6	5410460.3
T10460.0	504674.6	5410460.3	75281.10156	338.43	0	48.847095	-86.936284	56299.14	56246.6	3.41	56302.55	56302.55078	56284.98763	56284.98828	504674.6	5410460.3
T10460.0	504675.6	5410460.3	75281.20313	342.90	0	48.847095	-86.936271	56299.02	56246.6	3.41	56302.43	56302.42969	56281.21063	56281.21094	504675.6	5410460.3
T10460.0	504676.3	5410460.3	75281.29688	339.35	0	48.847096	-86.936261	56299.02	56246.6	3.41	56302.43	56302.42969	56280.30182	56280.30078	504676.3	5410460.3
T10460.0	504676.3	5410460.3	75281.39844	343.75	0	48.847096	-86.936261	56299.09	56246.6	3.41	56302.50	56302.50000	56281.06532	56281.06641	504676.3	5410460.3
T10460.0	504677.0	5410460.3	75281.50000	343.74	0	48.847096	-86.936251	56299.27	56246.6	3.41	56302.68	56302.67969	56284.45736	56284.45703	504677.0	5410460.3
T10460.0	504677.6	5410460.3	75281.60156	342.43	0	48.847096	-86.936243	56299.22	56246.6	3.41	56302.63	56302.62891	56282.34747	56282.34766	504677.6	5410460.3
T10460.0	504677.6	5410460.3	75281.60156	345.20	0	48.847096	-86.936243	56299.29	56246.6	3.41	56302.70	56302.69922	56283.10467	56283.10547	504677.6	5410460.3
T10460.0	504678.6	5410460.4	75281.79688	342.08	0	48.847096	-86.936229	56299.25	56246.6	3.41	56302.66	56302.66016	56281.22884	56281.23047	504678.6	5410460.4
T10460.0	504679.2	5410460.4	75281.89844	342.53	0	48.847096	-86.936221	56299.30	56246.6	3.41	56302.71	56302.71094	56281.50212	56281.50391	504679.2	5410460.4
T10460.0	504679.2	5410460.4	75282.00000	345.54	0	48.847096	-86.936221	56299.26	56246.6	3.41	56302.67	56302.67188	56279.61999	56279.62109	504679.2	5410460.4
T10460.0	504679.9	5410460.4	75282.10156	343.95	0	48.847096	-86.936211	56299.45	56246.6	3.41	56302.86	56302.85938	56283.23405	56283.23438	504679.9	5410460.4
T10460.0	504680.7	5410460.4	75282.20313	343.99	0	48.847096	-86.936200	56299.45	56246.6	3.41	56302.86	56302.85938	56282.30083	56282.30078	504680.7	5410460.4
T10460.0	504681.5	5410460.4	75282.29688	347.66	0	48.847096	-86.936189	56299.50	56246.6	3.41	56302.91	56302.91016	56282.55894	56282.55859	504681.5	5410460.4
T10460.0	504681.5	5410460.4	75282.39844	343.02	0	48.847096	-86.936189	56299.66	56246.6	3.41	56303.06	56303.05859	56285.20365	56285.20313	504681.5	5410460.4
T10460.0	504682.2	5410460.4	75282.50000	345.71	0	48.847096	-86.936180	56299.71	56246.6	3.40	56303.11	56303.10938	56285.45215	56285.45313	504682.2	5410460.4
T10460.0	504682.9	5410460.4	75282.60156	347.74	0	48.847096	-86.936170	56300.03	56246.6	3.40	56303.43	56303.42969	56292.15165	56292.15234	504682.9	5410460.4
T10460.0	504682.9	5410460.4	75282.70313	347.71	0	48.847096	-86.936170	56299.84	56246.6	3.40	56303.24	56303.23828	56286.65021	56286.64844	504682.9	5410460.4
T10460.0	504683.8	5410460.3	75282.79688	348.90	0	48.847096	-86.936158	56300.14	56246.6	3.40	56303.54	56303.53906	56292.85975	56292.85938	504683.8	5410460.3

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
T10460.0	504684.6	5410460.3	75282.89844	349.10	0	48.847096	-86.936148	56300.04	56246.6	3.40	56303.44	56303.44141	56289.49798	56289.49609	504684.6	5410460.3
T10460.0	504685.5	5410460.3	75283.00000	345.65	0	48.847095	-86.936136	56300.01	56246.6	3.40	56303.41	56303.41016	56287.80330	56287.80469	504685.5	5410460.3
T10460.0	504685.5	5410460.3	75283.10156	349.53	0	48.847095	-86.936136	56299.71	56246.6	3.40	56303.11	56303.10938	56279.64518	56279.64453	504685.5	5410460.3
T10460.0	504686.2	5410460.3	75283.20313	350.75	0	48.847095	-86.936126	56299.84	56246.6	3.40	56303.23	56303.23047	56281.52272	56281.52344	504686.2	5410460.3
T10460.0	504686.9	5410460.2	75283.29688	346.76	0	48.847095	-86.936116	56299.71	56246.6	3.40	56303.10	56303.10156	56277.41432	56277.41406	504686.9	5410460.2
T10460.0	504686.9	5410460.2	75283.39844	350.76	0	48.847095	-86.936116	56299.96	56246.6	3.40	56303.35	56303.35156	56282.38433	56282.38281	504686.9	5410460.2
T10460.0	504687.6	5410460.2	75283.50000	349.71	0	48.847095	-86.936107	56300.01	56246.6	3.39	56303.41	56303.41016	56282.80241	56282.80078	504687.6	5410460.2
T10460.0	504688.5	5410460.2	75283.60156	348.37	0	48.847094	-86.936094	56300.19	56246.6	3.39	56303.58	56303.57813	56285.84185	56285.84375	504688.5	5410460.2
T10460.0	504689.4	5410460.2	75283.60156	353.39	0	48.847094	-86.936082	56300.21	56246.6	3.39	56303.61	56303.60938	56285.52423	56285.52344	504689.4	5410460.2
T10460.0	504689.4	5410460.2	75283.79688	353.68	0	48.847094	-86.936082	56300.16	56246.6	3.39	56303.56	56303.55859	56283.28390	56283.28516	504689.4	5410460.2
T10460.0	504690.3	5410460.2	75283.89844	350.18	0	48.847094	-86.936070	56300.27	56246.6	3.39	56303.66	56303.66016	56284.62032	56284.62109	504690.3	5410460.2
T10460.0	504691.1	5410460.2	75284.00000	352.19	0	48.847094	-86.936059	56300.09	56246.6	3.39	56303.48	56303.48047	56279.25086	56279.25000	504691.1	5410460.2
T10460.0	504691.1	5410460.2	75284.10156	351.82	0	48.847094	-86.936059	56300.19	56246.6	3.39	56303.58	56303.57813	56280.56602	56280.56641	504691.1	5410460.2
T10460.0	504691.8	5410460.2	75284.20313	347.93	0	48.847094	-86.936049	56300.14	56246.6	3.39	56303.53	56303.53125	56278.28318	56278.28125	504691.8	5410460.2
T10460.0	504692.9	5410460.2	75284.29688	349.80	0	48.847094	-86.936035	56300.19	56246.6	3.38	56303.57	56303.57031	56278.14092	56278.14063	504692.9	5410460.2
T10460.0	504692.9	5410460.2	75284.39844	348.22	0	48.847094	-86.936035	56300.19	56246.6	3.38	56303.57	56303.57031	56277.03030	56277.03125	504692.9	5410460.2
T10460.0	504693.6	5410460.1	75284.50000	342.34	0	48.847094	-86.936025	56300.27	56246.6	3.38	56303.65	56303.64844	56277.82044	56277.82031	504693.6	5410460.1
T10460.0	504694.5	5410460.1	75284.60156	346.66	0	48.847094	-86.936013	56300.49	56246.6	3.38	56303.87	56303.87109	56281.94576	56281.94531	504694.5	5410460.1
T10460.0	504694.5	5410460.1	75284.70313	344.99	0	48.847094	-86.936013	56300.70	56246.6	3.38	56304.08	56304.07813	56285.81908	56285.82031	504694.5	5410460.1
T10460.0	504695.2	5410460.1	75284.79688	346.13	0	48.847094	-86.936003	56300.86	56246.6	3.37	56304.23	56304.23047	56288.24446	56288.24609	504695.2	5410460.1
T10460.0	504696.1	5410460.1	75284.89844	348.22	0	48.847094	-86.935991	56300.83	56246.6	3.37	56304.20	56304.19922	56286.35212	56286.35156	504696.1	5410460.1
T10460.0	504696.1	5410460.1	75285.00000	343.81	0	48.847094	-86.935991	56300.75	56246.6	3.37	56304.12	56304.12109	56283.25033	56283.25000	504696.1	5410460.1
T10460.0	504697.2	5410460.1	75285.10156	345.69	0	48.847093	-86.935976	56300.55	56246.6	3.37	56303.92	56303.92188	56277.26495	56277.26563	504697.2	5410460.1
T10460.0	504697.2	5410460.1	75285.20313	346.83	0	48.847093	-86.935976	56300.68	56246.6	3.37	56304.05	56304.05078	56279.15620	56279.15625	504697.2	5410460.1
T10460.0	504698.0	5410460.1	75285.29688	341.98	0	48.847093	-86.935965	56300.68	56246.6	3.37	56304.05	56304.05078	56277.92416	56277.92578	504698.0	5410460.1
T10460.0	504698.9	5410460.0	75285.39844	344.76	0	48.847093	-86.935952	56300.83	56246.6	3.37	56304.20	56304.19922	56280.26398	56280.26563	504698.9	5410460.0
T10460.0	504698.9	5410460.0	75285.50000	346.33	0	48.847093	-86.935952	56300.93	56246.6	3.37	56304.30	56304.30078	56281.39297	56281.39453	504698.9	5410460.0
T10460.0	504699.8	5410460.0	75285.60156	345.72	0	48.847093	-86.935941	56300.88	56246.6	3.37	56304.25	56304.25000	56278.91963	56278.91797	504699.8	5410460.0
T10460.0	504700.7	5410460.0	75285.60156	348.31	0	48.847093	-86.935928	56300.98	56246.6	3.37	56304.35	56304.35156	56280.01741	56280.01563	504700.7	5410460.0
T10460.0	504700.7	5410460.0	75285.79688	348.01	0	48.847093	-86.935928	56300.90	56246.6	3.37	56304.27	56304.26953	56276.79503	56276.79688	504700.7	5410460.0
T10460.0	504701.5	5410460.1	75285.89844	348.29	0	48.847093	-86.935917	56300.96	56246.6	3.37	56304.33	56304.32813	56276.90420	56276.90234	504701.5	5410460.1
T10460.0	504701.5	5410460.1	75286.00000	353.58	0	48.847093	-86.935917	56301.08	56246.6	3.37	56304.45	56304.44922	56278.43174	56278.43359	504701.5	5410460.1
T10460.0	504702.2	5410460.1	75286.10156	352.36	0	48.847093	-86.935907	56301.21	56246.6	3.37	56304.58	56304.57813	56280.18184	56280.18359	504702.2	5410460.1
T10460.0	504702.8	5410460.1	75286.20313	352.78	0	48.847093	-86.935899	56301.19	56246.6	3.37	56304.56	56304.55859	56278.32837	56278.32813	504702.8	5410460.1
T10460.0	504703.5	5410460.1	75286.29688	356.02	0	48.847093	-86.935890	56301.28	56246.6	3.37	56304.65	56304.64844	56279.08833	56279.08984	504703.5	5410460.1
T10460.0	504704.5	5410460.1	75286.39844	353.18	0	48.847093	-86.935877	56301.26	56246.6	3.37	56304.63	56304.62891	56277.20090	56277.19922	504704.5	5410460.1
T10460.0	504704.5	5410460.1	75286.50000	356.16	0	48.847093	-86.935877	56301.32	56246.6	3.38	56304.70	56304.69922	56277.44838	56277.44922	504704.5	5410460.1
T10460.0	504705.3	5410460.1	75286.60156	358.38	0	48.847094	-86.935866	56301.44	56246.6	3.38	56304.81	56304.80859	56278.63503	56278.63672	504705.3	5410460.1
T10460.0	504705.9	5410460.1	75286.70313	354.53	0	48.847094	-86.935858	56301.52	56246.6	3.38	56304.90	56304.89844	56279.32601	56279.32422	504705.9	5410460.1
T10460.0	504706.6	5410460.1	75286.79688	354.03	0	48.847094	-86.935848	56301.56	56246.6	3.38	56304.94	56304.94141	56278.80387	56278.80469	504706.6	5410460.1
T10460.0	504706.6	5410460.1	75286.89844	353.91	0	48.847094	-86.935848	56301.44	56246.6	3.38	56304.82	56304.82031	56274.43817	56274.43750	504706.6	5410460.1
T10460.0	504707.5	5410460.1	75287.00000	351.35	0	48.847094	-86.935836	56301.41	56246.6	3.38	56304.79	56304.78906	56272.20691	56272.20703	504707.5	5410460.1
T10460.0	504708.4	5410460.1	75287.10156	352.08	0	48.847094	-86.935824	56301.44	56246.6	3.38	56304.82	56304.82031	56271.39269	56271.39453	504708.4	5410460.1
T10460.0	504709.1	5410460.1	75287.20313	355.46	0	48.847094	-86.935814	56301.74	56246.6	3.38	56305.12	56305.12109	56277.01704	56277.01563	504709.1	5410460.1
T10460.0	504709.1	5410460.1	75287.29688	349.12	0	48.847094	-86.935814	56301.85	56246.6	3.38	56305.23	56305.23047	56278.08030	56278.08203	504709.1	5410460.1
T10460.0	504709.7	5410460.1	75287.39844	352.02	0	48.847094	-86.935806	56301.95	56246.6	3.38	56305.33	56305.32813	56278.88669	56278.88672	504709.7	5410460.1
T10460.0	504710.4	5410460.1	75287.50000	354.98	0	48.847094	-86.935796	56301.95	56246.6	3.38	56305.32	56305.32031	56277.04498	56277.04688	504710.4	5410460.1
T10460.0	504710.4	5410460.1	75287.60156	350.31	0	48.847094	-86.935796	56301.77	56246.6	3.37	56305.15	56305.14844	56271.35961	56271.35938	504710.4	5410460.1
T10460.0	504711.2	5410460.1	75287.60156	352.85	0	48.847094	-86.935785	56302.02	56246.6	3.37	56305.40	56305.39844	56275.69972	56275.69922	504711.2	5410460.1
T10460.0	504711.9	5410460.2	75287.79688	353.85	0	48.847094	-86.935775	56301.93	56246.6	3.37	56305.30	56305.30078	56271.65294	56271.65234	504711.9	5410460.2
T10460.0	504711.9	5410460.2	75287.89844	347.79	0	48.847094	-86.935775	56302.11	56246.6	3.37	56305.48	56305.48047	56274.28408	56274.28516	504711.9	5410460.2
T10460.0	504712.7	5410460.2	75288.00000	349.89	0	48.847094	-86.935764	56302.00	56246.6	3.37	56305.37	56305.37109	56269.96324	56269.96484	504712.7	5410460.2
T10460.0	504713.5	5410460.2	75288.10156	353.27	0	48.847094	-86.935754	56302.28	56246.6	3.37	56305.65	56305.64844	56274.95087	56274.94922	504713.5	5410460.2
T10460.0	504714.3	5410460.2	75288.20313	348.51	0	48.847094	-86.935742	56302.46	56246.6	3.37	56305.83	56305.82813	56277.53009	56277.53125	504714.3	5410460.2
T10460.0	504714.3	5410460.2	75288.29688	351.72	0	48.847094	-86.935742	56302.46	56246.6	3.37	56305.83	56305.82813	56275.78806	56275.78906	504714.3	5410460.2
T10460.0	504715.0	5410460.2	75288.39844	354.83	0	48.847094	-86.935733	56302.62	56246.6	3.37	56305.98	56305.98047	56277.61599	56277.61719	504715.0	5410460.2
T10460.0	504716.1	5410460.2	75288.50000	351.34	0	48.847094	-86.935719	56302.45	56246.6	3.37	56305.82	56305.82031	56272.01441	56272.01563	504716.1	5410460.2
T10460.0	504716.8	5410460.2	75288.60156	354.15	0	48.847094	-86.935709	56302.72	56246.6	3.36	56306.08	56306.07813	56276.43946	56276.44141	504716.8	5410460.2
T10460.0	504716.8	5410460.2	75288.70313	355.02	0	48.847094	-86.935709	56302.67	56246.6	3.36	56306.03	56306.03125	56273.43540	56273.43359	504716.8	5410460.2
T10460.0	504717.5	5410460.2	75288.79688	354.70	0	48.847094	-86.935700	56303.07	56246.6	3.36	56306.44	56306.44141	56281.41490	56281.41406	504717.5	5410460.2
T10460.0	504718.2	5410460.1	75288.89844	356.53	0	48.847094	-86.935690	56303.07	56246.6	3.36	56306.43	56306.42969	56279.33539	56279.33594	504718.2	5410460.1
T10460.0	504718.2	5410460.1	75289.00000	356.40	0	48.847094	-86.935690	56303.13	56246.6	3.36	56306.49	56306.48828	56278.91414	56278.91406	504718.2	5410460.1
T10460.0	504718.9	5410460.1	75289.10156	352.24	0	48.847094	-86.935680	56303.20	56246.6	3.36	56306.56	56306.55859	56278.71667	56278.71484	504718.9	5410460.1
T10460.0	504719.7	5410460.1	75289.20313	356.55	0	48.847094	-86.935669	56303.13	56246.6	3.37	56306.49	56306.48828	56275.15643	56275.15625	504719.7	5410460.1
T10460.0	504719.7	5410460.1	75289.29688	354.95	0	48.847094	-86.935669	56303.31	56246.6	3.37	56306.68	56306.67969	56277.79862	56277.79688	504719.7	5410460.1
T10460.0	504720.5	5410460.1	75289.39844	352.70	0	48.847093	-86.935658	56303.33	56246.6	3.37	56306.70	56306.69922	56276.36127	56276.35938	504720.5	5410460.1
T10460.0	504721.4	5410460.1	75289.39844	353.32	0	48.847093	-86.935646	56303.43	56246.6	3.37	56306.80	56306.80078	56276.82276	56276.82422	504721.4	5410460.1
T10460.0	504721.4	5410460.1	75289.60156	355.13	0	48.847093	-86.935646	56303.45	56246.6	3.38	56306.83	56306.82813	56275.59659	56275.59766	504721.4	5410460.1
T10460.0	504722.1	5410460.1	75289.60156	351.06	0	48.847093	-86.935637	56303.53	56246.6	3.38	56306.91	56306.91016	56275.55258	56275.55078	504722.1	5410460.1
T10460.0	504722.8	5410460.1	75289.60156	351.06	0	48.847093	-86.935627	56303.58	56246.6	3.38	56306.96	56306.96094	56274.77811	56274.77734	504722.8	5410460.1
T10460.0	504723.5	5410460.1	75289.79688	353.05	0	48.847093	-86.935618	56303.64	56246.6	3.38	56307.03	56307.03125	56274.46915	56274.46875	504723.5	5410460.1
T10460.0	504724.2	5410460.1	75289.89844	350.46	0	48.847093	-86.935608	56303.86	56246.6	3.39	56307.25	56307.25000	56277.73468	56277.73438	504724.2	5410460.1
T10460.0	504724.2	5410460.1	75290.00000	353.87	0	48.847093	-86.935608	56303.89	56246.6	3.39	56307.28	56307.28125	56276.44493	56276.44531	504724.2	5410460.1
T10460.0	504725.0	5410460.1	75290.10156	353.44	0	48.847093	-86.935597	56304.13	56246.6	3.39	56307.51	56307.51172	56279.92608	56279.92578	504725.0	5410460.1
T10460.0	504725.6	5410460.1	75290.20313	352.42	0	48.847093	-86.935588	56304.20	56246.6	3.38	56307.58	56307.57813	56279.57013	56279.57031	504725.6	5410460.1
T10460.0	504726.4	5410460.0	75290.39844	355.70	0	48.847093	-86.935578	56304.38	56246.6	3.37	56307.75	56307.75000	56281.59469	56281.59375	504726.4	5410460.0
T10460.0	504726.4	5410460.0	75290.50000	354.20	0	48.847093	-86.935578	56304.42	56246.6	3.37	56307.79	56307.78906	56280.50036	56280.50000	504726.4	5410460.0
T10460.0	504727.3	5410460.0	75290.60156	356.17	0	48.847093	-86.935566	56304.43	56246.6	3.37	56307.79	56307.78906	56278.43970	56278.44141	504727.3	5410460.0
T10460.0	504728.0	5410460.0	75290.60156	358.82	0	48.847092	-86.935556	56304.42	56246.6	3.37	56307.79	56307.78906	56276.36963	56276.37109	504728.0	5410460.0
T10460.0	504728.0	5410460.0	75290.79688	357.44	0	48.847092	-86.935556	56304.61	56246.6	3.36	56307.97	56307.96875	56278.59482	56278.59375	504728.0	5410460.0
T10460.0	504729.0	5410460.0	75290.89844	357.67	0	48.847092	-86.935542	56304.68	56246.6	3.35	56308.03	56308.03125	56277.94205	56277.94141	504729.0	5410460.0
T10460.0	504729.8	5410459.9	75291.00000	360.99	0	48.847092	-86.935531	56304.58	56246.7	3.35	56307.93	56307.92969	56273.45530	56273.45703	504729.8	5410459.9
T10460.0	504729.8	5410459.9	75291.10156	358.42	0	48.847092	-86.935531	56304.52	56246.6	3.35	56307.88	56307.87891	56270.15661	56270.15625	504729.8	5410459.9
T10460.0	504730.6	5410459.9	75291.20313	358.26	0	48.847091	-86.935521	56304.53	56246.6	3.36	56307.89	56307.89063	56268.28558	56268.28516	504730.6	5410459.9
T10460.0	504731.5	5410459.9	75291.29688	360.00	0	48.847091	-86.935509	56304.71	56246.6	3.36	56308.07	56308.07031	56270.47305	56270.47266	504731.5	5410459.9
T10460.0	504731.5	5410459.9	75291.39844	358.99	0	48.847091	-86.935509	56304.78	56246.6	3.36	56308.14	56308.14063	56270.02406	56270.02344	504731.5	5410459.9
T10460.0	504732.1	5410459.8	75291.50000	355.27	0	48.847091	-86.935500	56304.94	56246.6	3.36	56308.30	56308.30078	56271.72156	56271.72266	504732.1	5410459.8
T10460.0	504732.9	5410459.8	75291.60156	358.72	0	48.847091	-86.935489	56305.14	56246.6	3.37	56308.51	56308.51172	56274.60954	56274.60938	504732.9	5410459.8
T10460.0	504732.9	5410459.8	75291.60156	357.08	0	48.847091	-86.935489	56305.04	56246.6	3.37	56308.40	56308.39844	56269.84096	56269.83984	504732.9	5410459.8
T10460.0	504733.7	5410459.8	75291.79688	352.41	0	48.847090	-86.935478	56305.24	56246.6	3.37	56308.62	56308.62109	56272.95928	56272.96094	504733.7	5410459.8
T10460.0	504734.3	5410459.8	75291.89844	353.18	0	48.847090	-86.935470	56305.27	56246.6	3.38	56308.64	56308.64063	56271.29149	56271.29297	504734.3	5410459.8
T10460.0	504734.3	5410459.8	75292.00000	356.96	0	48.847090	-86.935470	56305.35	56246.6	3.38	56308.73	56308.73047	56271.29441	56271.29297	504734.3	5410459.8
T10460.0	504735.2	5410459.7	75292.10156	353.90	0	48.847090	-86.935458	56305.52	56246.6	3.38	56308.90	56308.89844	56273.20764	56273.20703	504735.2	5410459.7

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
T10460.0	504735.8	5410459.7	75292.20313	357.32	0	48.847090	-86.935450	56305.57	56246.6	3.38	56308.96	56308.96094	56272.48834	56272.48828	504735.8	5410459.7
T10460.0	504736.5	5410459.7	75292.29688	360.49	0	48.847089	-86.935441	56305.78	56246.6	3.39	56309.16	56309.16016	56275.11507	56275.11328	504736.5	5410459.7
T10460.0	504737.5	5410459.7	75292.39844	354.75	0	48.847089	-86.935427	56305.88	56246.6	3.39	56309.27	56309.26953	56275.58849	56275.58984	504737.5	5410459.7
T10460.0	504737.5	5410459.7	75292.50000	356.53	0	48.847089	-86.935427	56306.04	56246.6	3.39	56309.43	56309.42969	56277.25680	56277.25781	504737.5	5410459.7
T10460.0	504738.3	5410459.6	75292.60156	359.64	0	48.847089	-86.935415	56305.93	56246.6	3.39	56309.32	56309.32031	56272.46855	56272.46875	504738.3	5410459.6
T10460.0	504738.3	5410459.6	75292.70313	356.83	0	48.847089	-86.935415	56306.16	56246.6	3.39	56309.55	56309.55078	56275.81070	56275.81250	504738.3	5410459.6
T10460.0	504739.2	5410459.6	75292.79688	358.25	0	48.847089	-86.935404	56306.32	56246.6	3.40	56309.71	56309.71094	56277.47968	56277.48047	504739.2	5410459.6
T10460.0	504739.9	5410459.6	75292.89844	361.30	0	48.847088	-86.935394	56306.41	56246.6	3.40	56309.81	56309.80859	56277.71507	56277.71484	504739.9	5410459.6
T10460.0	504740.6	5410459.5	75293.00000	355.53	0	48.847088	-86.935384	56306.39	56246.6	3.40	56309.79	56309.78906	56275.08260	56275.08203	504740.6	5410459.5
T10460.0	504740.6	5410459.5	75293.10156	359.32	0	48.847088	-86.935384	56306.55	56246.6	3.40	56309.95	56309.94922	56276.75637	56276.75781	504740.6	5410459.5
T10460.0	504741.4	5410459.5	75293.20313	361.59	0	48.847088	-86.935374	56306.75	56246.6	3.40	56310.14	56310.14063	56279.15000	56279.14844	504741.4	5410459.5
T10460.0	504742.3	5410459.5	75293.29688	355.16	0	48.847088	-86.935361	56306.85	56246.6	3.40	56310.24	56310.23828	56279.39444	56279.39453	504742.3	5410459.5
T10460.0	504742.3	5410459.5	75293.39844	357.22	0	48.847088	-86.935361	56306.93	56246.6	3.40	56310.33	56310.32813	56279.40308	56279.40234	504742.3	5410459.5
T10460.0	504743.1	5410459.5	75293.50000	359.94	0	48.847088	-86.935350	56307.00	56246.6	3.40	56310.40	56310.39844	56278.93722	56278.93750	504743.1	5410459.5
T10460.0	504743.6	5410459.5	75293.60156	355.88	0	48.847088	-86.935343	56307.14	56246.6	3.39	56310.53	56310.53125	56279.91022	56279.91016	504743.6	5410459.5
T10460.0	504744.2	5410459.5	75293.60156	360.57	0	48.847088	-86.935335	56307.31	56246.6	3.39	56310.70	56310.69922	56281.84423	56281.84375	504744.2	5410459.5
T10460.0	504744.2	5410459.5	75293.79688	363.43	0	48.847088	-86.935335	56307.41	56246.6	3.39	56310.81	56310.80859	56282.34839	56282.34766	504744.2	5410459.5
T10460.0	504745.3	5410459.5	75293.89844	358.78	0	48.847088	-86.935321	56307.59	56246.6	3.39	56310.98	56310.98047	56284.29255	56284.29297	504745.3	5410459.5
T10460.0	504746.0	5410459.5	75294.00000	363.21	0	48.847088	-86.935311	56307.49	56246.6	3.39	56310.88	56310.87891	56279.78598	56279.78516	504746.0	5410459.5
T10460.0	504746.0	5410459.5	75294.10156	363.89	0	48.847088	-86.935311	56307.43	56246.6	3.39	56310.82	56310.82031	56276.24185	56276.24219	504746.0	5410459.5
T10460.0	504746.9	5410459.5	75294.20313	360.40	0	48.847088	-86.935298	56307.70	56246.6	3.39	56311.08	56311.07813	56280.35588	56280.35547	504746.9	5410459.5
T10460.0	504747.8	5410459.5	75294.29688	363.75	0	48.847088	-86.935286	56307.97	56246.6	3.38	56311.36	56311.35938	56284.95472	56284.95313	504747.8	5410459.5
T10460.0	504747.8	5410459.5	75294.39844	365.96	0	48.847088	-86.935286	56308.11	56246.6	3.38	56311.49	56311.48828	56285.97356	56285.97266	504747.8	5410459.5
T10460.0	504748.8	5410459.5	75294.50000	359.21	0	48.847088	-86.935272	56308.20	56246.6	3.38	56311.58	56311.57813	56286.04302	56286.04297	504748.8	5410459.5
T10460.0	504748.8	5410459.5	75294.60156	360.99	0	48.847088	-86.935272	56308.30	56246.6	3.38	56311.68	56311.67969	56286.35897	56286.35938	504748.8	5410459.5
T10460.0	504749.5	5410459.6	75294.70313	361.87	0	48.847088	-86.935262	56308.25	56246.6	3.38	56311.63	56311.62891	56283.09570	56283.09375	504749.5	5410459.6
T10460.0	504750.5	5410459.6	75294.79688	357.91	0	48.847088	-86.935249	56308.64	56246.6	3.37	56312.02	56312.01953	56290.36166	56290.36328	504750.5	5410459.6
T10460.0	504751.2	5410459.6	75294.89844	362.18	0	48.847089	-86.935239	56308.94	56246.6	3.37	56312.31	56312.30859	56295.24442	56295.24609	504751.2	5410459.6
T10460.0	504751.2	5410459.6	75295.00000	365.26	0	48.847089	-86.935239	56309.09	56246.6	3.37	56312.46	56312.46094	56296.78769	56296.78906	504751.2	5410459.6
T10460.0	504752.2	5410459.6	75295.10156	361.50	0	48.847089	-86.935227	56309.02	56246.6	3.37	56312.39	56312.39063	56293.07866	56293.07813	504752.2	5410459.6
T10460.0	504753.1	5410459.6	75295.20313	363.96	0	48.847089	-86.935214	56309.20	56246.6	3.37	56312.58	56312.57813	56295.59535	56295.59375	504753.1	5410459.6
T10460.0	504753.1	5410459.6	75295.29688	363.95	0	48.847089	-86.935214	56309.12	56246.6	3.38	56312.50	56312.50000	56291.66439	56291.66406	504753.1	5410459.6
T10460.0	504753.7	5410459.6	75295.39844	359.68	0	48.847089	-86.935206	56309.50	56246.6	3.38	56312.88	56312.87891	56298.74186	56298.74219	504753.7	5410459.6
T10460.0	504754.5	5410459.6	75295.50000	362.80	0	48.847089	-86.935195	56309.66	56246.6	3.38	56313.04	56313.03906	56300.56749	56300.56641	504754.5	5410459.6
T10460.0	504754.5	5410459.6	75295.60156	365.75	0	48.847089	-86.935195	56309.87	56246.6	3.38	56313.25	56313.25000	56303.59767	56303.59766	504754.5	5410459.6
T10460.0	504755.0	5410459.6	75295.60156	363.41	0	48.847089	-86.935187	56309.93	56246.6	3.38	56313.32	56313.32031	56303.28912	56303.28906	504755.0	5410459.6
T10460.0	504755.6	5410459.6	75295.79688	364.67	0	48.847089	-86.935180	56310.07	56246.6	3.39	56313.45	56313.44922	56304.42432	56304.42578	504755.6	5410459.6
T10460.0	504756.5	5410459.6	75295.89844	368.20	0	48.847089	-86.935168	56310.37	56246.6	3.39	56313.75	56313.75000	56309.63363	56309.63281	504756.5	5410459.6
T10460.0	504756.5	5410459.6	75296.00000	370.00	0	48.847089	-86.935168	56310.58	56246.6	3.39	56313.97	56313.96875	56312.93896	56312.93750	504756.5	5410459.6
T10460.0	504757.2	5410459.6	75296.10156	366.38	0	48.847089	-86.935158	56310.45	56246.6	3.39	56313.84	56313.83984	56307.88397	56307.88281	504757.2	5410459.6
T10460.0	504757.7	5410459.6	75296.20313	365.73	0	48.847089	-86.935151	56310.44	56246.6	3.39	56313.83	56313.82813	56305.70736	56305.70703	504757.7	5410459.6
T10460.0	504758.5	5410459.6	75296.29688	370.48	0	48.847089	-86.935141	56310.68	56246.6	3.39	56314.07	56314.07031	56309.51766	56309.51953	504758.5	5410459.6
T10460.0	504758.5	5410459.6	75296.39844	368.58	0	48.847089	-86.935141	56310.71	56246.6	3.39	56314.10	56314.10156	56308.31512	56308.31641	504758.5	5410459.6
T10460.0	504759.3	5410459.6	75296.50000	361.98	0	48.847089	-86.935129	56310.88	56246.6	3.40	56314.28	56314.28125	56310.70804	56310.70703	504759.3	5410459.6
T10460.0	504759.3	5410459.6	75296.60156	359.38	0	48.847089	-86.935129	56310.88	56246.6	3.40	56314.28	56314.28125	56308.80522	56308.80469	504759.3	5410459.6
T10460.0	504760.0	5410459.6	75296.70313	360.54	0	48.847089	-86.935120	56310.98	56246.6	3.40	56314.38	56314.37891	56309.30193	56309.30078	504760.0	5410459.6
T10460.0	504760.7	5410459.6	75296.79688	362.01	0	48.847089	-86.935111	56311.19	56246.6	3.40	56314.59	56314.58984	56312.43712	56312.43750	504760.7	5410459.6
T10460.0	504761.2	5410459.6	75296.89844	364.87	0	48.847089	-86.935104	56311.24	56246.6	3.40	56314.64	56314.64063	56311.75425	56311.75391	504761.2	5410459.6
T10460.0	504761.7	5410459.6	75297.00000	367.12	0	48.847089	-86.935096	56311.39	56246.6	3.40	56314.79	56314.78906	56313.47029	56313.46875	504761.7	5410459.6
T10460.0	504761.7	5410459.6	75297.10156	366.69	0	48.847089	-86.935096	56311.55	56246.6	3.40	56314.95	56314.94922	56315.43289	56315.43359	504761.7	5410459.6
T10460.0	504762.4	5410459.6	75297.20313	363.92	0	48.847089	-86.935088	56311.68	56246.6	3.40	56315.07	56315.07031	56316.44614	56316.44531	504762.4	5410459.6
T10460.0	504762.9	5410459.6	75297.29688	359.32	0	48.847089	-86.935081	56311.72	56246.6	3.40	56315.12	56315.12109	56315.79240	56315.79297	504762.9	5410459.6
T10460.0	504762.9	5410459.6	75297.39844	358.96	0	48.847089	-86.935081	56311.70	56246.6	3.40	56315.10	56315.10156	56313.47135	56313.47266	504762.9	5410459.6
T10460.0	504763.5	5410459.7	75297.50000	360.33	0	48.847089	-86.935072	56311.80	56246.6	3.39	56315.20	56315.19922	56314.02597	56314.02734	504763.5	5410459.7
T10460.0	504763.5	5410459.7	75297.60156	364.55	0	48.847089	-86.935072	56312.06	56246.6	3.39	56315.45	56315.44922	56318.17328	56318.17188	504763.5	5410459.7
T10460.0	504764.0	5410459.7	75297.60156	366.97	0	48.847089	-86.935065	56311.93	56246.6	3.39	56315.32	56315.32031	56313.23940	56313.23828	504764.0	5410459.7
T10460.0	504764.6	5410459.7	75297.79688	367.45	0	48.847089	-86.935058	56311.95	56246.6	3.39	56315.35	56315.35156	56312.13655	56312.13672	504764.6	5410459.7
T10460.0	504765.0	5410459.7	75297.89844	370.11	0	48.847090	-86.935052	56311.65	56246.6	3.39	56315.04	56315.03906	56302.90818	56302.90625	504765.0	5410459.7
T10460.0	504765.0	5410459.7	75298.00000	369.20	0	48.847090	-86.935052	56311.61	56246.6	3.39	56315.00	56315.00000	56300.14034	56300.14063	504765.0	5410459.7
T10460.0	504765.5	5410459.7	75298.10156	371.21	0	48.847090	-86.935045	56311.68	56246.6	3.39	56315.07	56315.07031	56300.00659	56300.00781	504765.5	5410459.7
T10460.0	504765.5	5410459.7	75298.20313	368.88	0	48.847090	-86.935045	56312.11	56246.6	3.39	56315.50	56315.50000	56308.48453	56308.48438	504765.5	5410459.7
T10460.0	504766.0	5410459.8	75298.29688	363.16	0	48.847090	-86.935038	56312.28	56246.6	3.39	56315.67	56315.67188	56310.74806	56310.75000	504766.0	5410459.8
T10460.0	504766.2	5410459.8	75298.39844	357.27	0	48.847090	-86.935035	56311.83	56246.6	3.39	56315.21	56315.21094	56297.94911	56297.94922	504766.2	5410459.8
T10460.0	504766.6	5410459.8	75298.50000	358.21	0	48.847090	-86.935029	56311.80	56246.6	3.38	56315.19	56315.19141	56295.67329	56295.67188	504766.6	5410459.8
T10460.0	504766.6	5410459.8	75298.60156	357.36	0	48.847090	-86.935029	56311.83	56246.6	3.38	56315.21	56315.21094	56294.35513	56294.35547	504766.6	5410459.8
T10460.0	504767.0	5410459.8	75298.70313	357.94	0	48.847091	-86.935024	56312.06	56246.6	3.38	56315.44	56315.44141	56298.05915	56298.05859	504767.0	5410459.8
T10460.0	504767.3	5410459.8	75298.79688	363.80	0	48.847091	-86.935020	56312.12	56246.6	3.38	56315.50	56315.50000	56297.69810	56297.69922	504767.3	5410459.8
T10460.0	504767.8	5410459.8	75298.89844	367.83	0	48.847091	-86.935014	56312.06	56246.6	3.38	56315.44	56315.44141	56294.46699	56294.46875	504767.8	5410459.8
T10460.0	504767.8	5410459.8	75299.00000	369.93	0	48.847091	-86.935014	56312.34	56246.6	3.38	56315.72	56315.71875	56299.36485	56299.36328	504767.8	5410459.8
T10460.0	504768.1	5410459.8	75299.10156	371.57	0	48.847091	-86.935010	56312.44	56246.6	3.38	56315.82	56315.82031	56299.95666	56299.95703	504768.1	5410459.8
T10460.0	504768.3	5410459.8	75299.20313	372.10	0	48.847091	-86.935007	56312.68	56246.6	3.38	56316.05	56316.05078	56303.65457	56303.65625	504768.3	5410459.8
T10460.0	504768.3	5410459.8	75299.29688	374.64	0	48.847091	-86.935007	56312.59	56246.6	3.37	56315.96	56315.96094	56299.69741	56299.69922	504768.3	5410459.8
T10460.0	504768.7	5410459.8	75299.39844	374.44	0	48.847091	-86.935001	56312.52	56246.6	3.37	56315.89	56315.89063	56296.21467	56296.21484	504768.7	5410459.8
T10460.0	504768.9	5410459.8	75299.50000	368.30	0	48.847090	-86.934999	56312.65	56246.6	3.37	56316.02	56316.01953	56297.50986	56297.51172	504768.9	5410459.8
T10460.0	504768.9	5410459.8	75299.60156	360.04	0	48.847090	-86.934999	56312.74	56246.6	3.37	56316.11	56316.10938	56297.84333	56297.84375	504768.9	5410459.8
T10460.0	504769.2	5410459.8	75299.60156	358.82	0	48.847090	-86.934995	56312.88	56246.6	3.37	56316.25	56316.25000	56299.36648	56299.36719	504769.2	5410459.8
T10460.0	504769.4	5410459.8	75299.79688	357.69	0	48.847090	-86.934992	56312.79	56246.6	3.36	56316.16	56316.16016	56295.38314	56295.38281	504769.4	5410459.8
T10460.0	504769.4	5410459.8	75299.89844	358.57	0	48.847090	-86.934992	56312.93	56246.6	3.36	56316.29	56316.28906	56296.65310	56296.65234	504769.4	5410459.8
T10460.0	504769.6	5410459.8	75300.00000	360.02	0	48.847090	-86.934989	56312.72	56246.6	3.36	56316.08	56316.07813	56289.78474	56289.78516	504769.6	5410459.8
T10460.0	504769.7	5410459.8	75300.10156	362.61	0	48.847090	-86.934987	56312.62	56246.6	3.36	56315.98	56315.98047	56285.53781	56285.53906	504769.7	5410459.8
T10460.0	504769.7	5410459.8	75300.20313	363.70	0	48.847090	-86.934987	56312.49	56246.6	3.37	56315.86	56315.85938	56280.80296	56280.80469	504769.7	5410459.8
T10460.0	504769.9	5410459.8	75300.29688	366.45	0	48.847090	-86.934984	56312.79	56246.6	3.37	56316.17	56316.17188	56286.33994	56286.33984	504769.9	5410459.8
T10460.0	504770.0	5410459.7	75300.39844	370.04	0	48.847090	-86.934983	56312.93	56246.6	3.38	56316.30	56316.30078	56287.56147	56287.56250	504770.0	5410459.7
T10460.0	504770.2	5410459.7	75300.50000	374.25	0	48.847090	-86.934981	56312.79	56246.6	3.38	56316.17	56316.17188	56282.55379	56282.55469	504770.2	5410459.7
T10460.0	504770.3	5410459.7	75300.60156	376.34	0	48.847090	-86.934980	56312.63	56246.6	3.38	56316.01	56316.01172	56276.81592	56276.81641	504770.3	5410459.7
T10460.0	504770.3	5410459.7	75300.60156	377.77	0	48.847090	-86.934980	56312.39	56246.6	3.38	56315.77	56315.76953	56269.15144	56269.15234	504770.3	5410459.7
T10460.0	504770.4	5410459.7	75300.79688	374.66	0	48.847090	-86.934979	56312.28	56246.6	3.39	56315.67	56315.67188	56264.82024	56264.82031	504770.4	5410459.7
T10460.0	504770.5	5410459.7	75300.89844	368.47	0	48.847090	-86.934977	56312.72	56246.6	3.40	56316.11	56316.10938	56273.38643	56273.38672	504770.5	5410459.7
T10460.0	504770.5	5410459.7	75301.00000	362.05	0	48.847090	-86.934977	56313.00	56246.6	3.40	56316.40	56316.39844	56278.34972	56278.35156	504770.5	5410459.7
T10460.0	504770.6	5410459.8	75301.10156	360.56	0	48.847090	-86.934975	56313.41	56246.6	3.40	56316.81	56316.80859	56286.16560	56286.16406	504770.6	5410459.8
T10460.0	504770.8	5410459.8	75301.20313	360.96	0	48.847090	-86.934973	56313.20	56246.6	3.40	56316.60	56316.60156	56279.13818	56279.13672	504770.8	5410459.8
T10460.0	504770.8	5410459.8	75301.29688	362.88	0	48.847090	-86.934973	56313.46	56246.6	3.39	56316.86	56316.85938	56283.33099	56283.33203	504770.8	5410459.8
T10460.0	504771.0	5410459.8	75301.39844	366.05	0	48.847090	-86.934970	56313.02	56246.6	3.39	56316.42	56316.42188	56270.76588	56270.76563	504771.0	5410459.8

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
T10460.0	504771.2	5410459.7	75301.50000	369.43	0	48.847090	-86.934967	56313.18	56246.6	3.39	56316.57	56316.57031	56272.28883	56272.28906	504771.2	5410459.7
T10460.0	504771.2	5410459.7	75301.60156	369.35	0	48.847090	-86.934967	56313.08	56246.6	3.39	56316.47	56316.46875	56267.81272	56267.81250	504771.2	5410459.7
T10460.0	504771.5	5410459.7	75301.60156	368.91	0	48.847090	-86.934963	56313.18	56246.6	3.39	56316.56	56316.55859	56267.85813	56267.85938	504771.5	5410459.7
T10460.0	504771.8	5410459.7	75301.79688	367.91	0	48.847090	-86.934959	56313.26	56246.6	3.38	56316.64	56316.64063	56267.64177	56267.64063	504771.8	5410459.7
T10460.0	504771.8	5410459.7	75301.89844	363.10	0	48.847090	-86.934959	56313.23	56246.6	3.38	56316.61	56316.60938	56264.77161	56264.77344	504771.8	5410459.7
T10460.0	504772.2	5410459.7	75302.00000	362.26	0	48.847089	-86.934954	56313.41	56246.6	3.38	56316.79	56316.78906	56266.89875	56266.89844	504772.2	5410459.7
T10460.0	504772.5	5410459.7	75302.10156	362.16	0	48.847089	-86.934950	56313.18	56246.6	3.38	56316.56	56316.55859	56259.19677	56259.19531	504772.5	5410459.7
T10460.0	504772.5	5410459.7	75302.20313	364.12	0	48.847089	-86.934950	56313.40	56246.6	3.38	56316.78	56316.78125	56262.22942	56262.23047	504772.5	5410459.7
T10460.0	504772.8	5410459.7	75302.29688	366.22	0	48.847089	-86.934945	56313.64	56246.6	3.38	56317.02	56317.01953	56265.71362	56265.71484	504772.8	5410459.7
T10460.0	504773.2	5410459.7	75302.39844	364.41	0	48.847089	-86.934940	56313.59	56246.6	3.38	56316.97	56316.96875	56262.23577	56262.23438	504773.2	5410459.7
T10460.0	504773.2	5410459.7	75302.50000	359.65	0	48.847089	-86.934940	56313.84	56246.6	3.38	56317.22	56317.21875	56265.90331	56265.90234	504773.2	5410459.7
T10460.0	504773.5	5410459.7	75302.60156	363.63	0	48.847089	-86.934937	56313.84	56246.6	3.38	56317.22	56317.21875	56263.56372	56263.56250	504773.5	5410459.7
T10460.0	504773.9	5410459.7	75302.70313	367.78	0	48.847089	-86.934930	56313.67	56246.6	3.38	56317.05	56317.05078	56257.12919	56257.12891	504773.9	5410459.7
T10460.0	504774.3	5410459.7	75302.79688	370.79	0	48.847089	-86.934925	56313.74	56246.6	3.38	56317.12	56317.12109	56256.40299	56256.40234	504774.3	5410459.7
T10460.0	504774.3	5410459.7	75302.89844	365.67	0	48.847089	-86.934925	56313.68	56246.6	3.38	56317.06	56317.05859	56252.53682	56252.53516	504774.3	5410459.7
T10460.0	504774.7	5410459.7	75303.00000	363.08	0	48.847089	-86.934919	56313.95	56246.6	3.38	56317.32	56317.32031	56256.29045	56256.28906	504774.7	5410459.7
T10460.0	504775.2	5410459.7	75303.10156	367.10	0	48.847089	-86.934912	56313.87	56246.6	3.38	56317.25	56317.25000	56252.12016	56252.12109	504775.2	5410459.7
T10460.0	504775.2	5410459.7	75303.20313	367.76	0	48.847089	-86.934912	56314.18	56246.6	3.38	56317.56	56317.55859	56257.00293	56257.00391	504775.2	5410459.7
T10460.0	504775.6	5410459.7	75303.29688	364.06	0	48.847089	-86.934907	56314.05	56246.6	3.38	56317.43	56317.42969	56251.32998	56251.32813	504775.6	5410459.7
T10460.0	504776.1	5410459.6	75303.39844	362.60	0	48.847089	-86.934901	56314.10	56246.6	3.38	56317.48	56317.48047	56249.92621	56249.92578	504776.1	5410459.6
T10460.0	504776.1	5410459.6	75303.50000	368.81	0	48.847089	-86.934901	56314.33	56246.6	3.38	56317.71	56317.71094	56252.79092	56252.78906	504776.1	5410459.6
T10460.0	504776.7	5410459.6	75303.60156	368.00	0	48.847089	-86.934892	56314.58	56246.6	3.38	56317.96	56317.96094	56256.09746	56256.09766	504776.7	5410459.6
T10460.0	504777.2	5410459.6	75303.60156	365.72	0	48.847088	-86.934885	56314.64	56246.6	3.38	56318.02	56318.01953	56254.82358	56254.82422	504777.2	5410459.6
T10460.0	504777.2	5410459.6	75303.79688	369.61	0	48.847088	-86.934885	56314.61	56246.6	3.38	56317.99	56317.98828	56251.35986	56251.35938	504777.2	5410459.6
T10460.0	504777.7	5410459.6	75303.89844	369.20	0	48.847088	-86.934879	56314.94	56246.6	3.38	56318.32	56318.32031	56256.46616	56256.46484	504777.7	5410459.6
T10460.0	504778.3	5410459.6	75304.00000	367.74	0	48.847088	-86.934871	56314.84	56246.6	3.38	56318.22	56318.21875	56251.25116	56251.25000	504778.3	5410459.6
T10460.0	504778.3	5410459.6	75304.10156	371.11	0	48.847088	-86.934871	56314.95	56246.6	3.38	56318.32	56318.32031	56250.77898	56250.77734	504778.3	5410459.6
T10460.0	504778.9	5410459.6	75304.20313	368.60	0	48.847088	-86.934862	56315.17	56246.6	3.38	56318.55	56318.55078	56253.37516	56253.37500	504778.9	5410459.6
T10460.0	504779.5	5410459.6	75304.29688	368.82	0	48.847088	-86.934854	56315.22	56246.6	3.38	56318.60	56318.60156	56251.62630	56251.62500	504779.5	5410459.6
T10460.0	504779.5	5410459.6	75304.39844	372.65	0	48.847088	-86.934854	56315.22	56246.6	3.38	56318.59	56318.58984	56248.40131	56248.40234	504779.5	5410459.6
T10460.0	504780.1	5410459.6	75304.50000	367.26	0	48.847088	-86.934846	56315.36	56246.6	3.38	56318.73	56318.73047	56248.72121	56248.72266	504780.1	5410459.6
T10460.0	504780.1	5410459.6	75304.60156	372.75	0	48.847088	-86.934846	56315.75	56246.6	3.37	56319.13	56319.12891	56255.21581	56255.21484	504780.1	5410459.6
T10460.0	504780.8	5410459.6	75304.70313	369.59	0	48.847088	-86.934837	56315.56	56246.6	3.37	56318.93	56318.92969	56247.32004	56247.32031	504780.8	5410459.6
T10460.0	504781.5	5410459.6	75304.79688	369.84	0	48.847088	-86.934827	56315.88	56246.6	3.37	56319.25	56319.25000	56251.81513	56251.81641	504781.5	5410459.6
T10460.0	504781.5	5410459.6	75304.89844	367.14	0	48.847088	-86.934827	56315.84	56246.6	3.37	56319.21	56319.21094	56247.65781	56247.65625	504781.5	5410459.6
T10460.0	504781.9	5410459.6	75305.00000	367.84	0	48.847088	-86.934821	56316.34	56246.6	3.37	56319.71	56319.71094	56256.36864	56256.36719	504781.9	5410459.6
T10460.0	504782.5	5410459.5	75305.10156	371.33	0	48.847088	-86.934813	56316.40	56246.6	3.37	56319.77	56319.76953	56254.51316	56254.51172	504782.5	5410459.5
T10460.0	504782.5	5410459.5	75305.20313	371.87	0	48.847088	-86.934813	56316.73	56246.6	3.37	56320.10	56320.10156	56259.06863	56259.07031	504782.5	5410459.5
T10460.0	504783.2	5410459.5	75305.29688	373.29	0	48.847087	-86.934804	56316.73	56246.6	3.38	56320.10	56320.10156	56255.68729	56255.68750	504783.2	5410459.5
T10460.0	504783.9	5410459.4	75305.39844	373.34	0	48.847087	-86.934794	56317.08	56246.6	3.38	56320.46	56320.46094	56260.86821	56260.86719	504783.9	5410459.4
T10460.0	504784.9	5410459.4	75305.50000	371.65	0	48.847087	-86.934781	56317.26	56246.6	3.38	56320.64	56320.64063	56261.69837	56261.69922	504784.9	5410459.4
T10460.0	504784.9	5410459.4	75305.60156	374.48	0	48.847087	-86.934781	56317.46	56246.6	3.38	56320.85	56320.85156	56263.19901	56263.19922	504784.9	5410459.4
T10460.0	504785.6	5410459.4	75305.60156	371.80	0	48.847086	-86.934771	56317.70	56246.6	3.38	56321.08	56321.07813	56265.13066	56265.12891	504785.6	5410459.4
T10460.0	504786.3	5410459.4	75305.79688	374.89	0	48.847086	-86.934762	56317.92	56246.6	3.39	56321.31	56321.30859	56267.01475	56267.01563	504786.3	5410459.4
T10460.0	504786.3	5410459.4	75305.89844	373.60	0	48.847086	-86.934762	56317.92	56246.6	3.39	56321.31	56321.30859	56263.35117	56263.35156	504786.3	5410459.4
T10460.0	504787.2	5410459.3	75306.00000	375.34	0	48.847086	-86.934749	56318.34	56246.6	3.39	56321.73	56321.73047	56269.68260	56269.68359	504787.2	5410459.3
T10460.0	504787.2	5410459.3	75306.10156	372.70	0	48.847086	-86.934749	56318.56	56246.6	3.39	56321.95	56321.94922	56271.18319	56271.18359	504787.2	5410459.3
T10460.0	504788.1	5410459.3	75306.20313	373.71	0	48.847086	-86.934737	56319.23	56246.6	3.39	56322.62	56322.62109	56283.39566	56283.39453	504788.1	5410459.3
T10460.0	504788.9	5410459.3	75306.29688	374.30	0	48.847085	-86.934727	56319.51	56246.6	3.39	56322.90	56322.89844	56286.23350	56286.23438	504788.9	5410459.3
T10460.0	504789.6	5410459.2	75306.39844	372.30	0	48.847085	-86.934716	56319.76	56246.6	3.39	56323.14	56323.14063	56288.06579	56288.06641	504789.6	5410459.2
T10460.0	504789.6	5410459.2	75306.50000	372.51	0	48.847085	-86.934716	56319.84	56246.6	3.39	56323.22	56323.21875	56286.02288	56286.02344	504789.6	5410459.2
T10460.0	504790.5	5410459.2	75306.60156	373.27	0	48.847085	-86.934705	56320.04	56246.6	3.38	56323.43	56323.42969	56287.03917	56287.03906	504790.5	5410459.2
T10460.0	504790.5	5410459.2	75306.70313	371.29	0	48.847085	-86.934705	56320.22	56246.6	3.38	56323.61	56323.60938	56287.28856	56287.28906	504790.5	5410459.2
T10460.0	504791.4	5410459.2	75306.79688	375.43	0	48.847085	-86.934692	56320.32	56246.6	3.38	56323.71	56323.71094	56285.57532	56285.57422	504791.4	5410459.2
T10460.0	504792.1	5410459.2	75306.89844	374.48	0	48.847085	-86.934682	56320.74	56246.6	3.38	56324.12	56324.12109	56291.22512	56291.22656	504792.1	5410459.2
T10460.0	504792.8	5410459.2	75307.00000	376.36	0	48.847084	-86.934672	56320.88	56246.6	3.38	56324.26	56324.26172	56290.36878	56290.36719	504792.8	5410459.2
T10460.0	504793.5	5410459.1	75307.10156	377.99	0	48.847084	-86.934663	56321.09	56246.6	3.38	56324.47	56324.46875	56291.13640	56291.13672	504793.5	5410459.1
T10460.0	504793.5	5410459.1	75307.20313	376.27	0	48.847084	-86.934663	56321.53	56246.6	3.38	56324.91	56324.91016	56297.35392	56297.35547	504793.5	5410459.1
T10460.0	504794.3	5410459.1	75307.29688	377.11	0	48.847084	-86.934653	56321.60	56246.6	3.38	56324.98	56324.98047	56294.67396	56294.67578	504794.3	5410459.1
T10460.0	504795.2	5410459.1	75307.39844	377.88	0	48.847084	-86.934641	56321.88	56246.6	3.38	56325.27	56325.26953	56297.20474	56297.20313	504795.2	5410459.1
T10460.0	504795.2	5410459.1	75307.50000	379.07	0	48.847084	-86.934641	56322.06	56246.6	3.38	56325.44	56325.44141	56296.81613	56296.81641	504795.2	5410459.1
T10460.0	504796.1	5410459.1	75307.60156	375.52	0	48.847084	-86.934628	56322.12	56246.6	3.39	56325.50	56325.50000	56293.74729	56293.74609	504796.1	5410459.1
T10460.0	504796.6	5410459.1	75307.60156	375.96	0	48.847084	-86.934621	56322.34	56246.6	3.39	56325.73	56325.73047	56294.69371	56294.69531	504796.6	5410459.1
T10460.0	504796.6	5410459.1	75307.79688	374.71	0	48.847084	-86.934621	56322.52	56246.6	3.39	56325.91	56325.91016	56294.39478	56294.39453	504796.6	5410459.1
T10460.0	504797.3	5410459.1	75307.89844	374.14	0	48.847084	-86.934612	56322.75	56246.6	3.39	56326.14	56326.14063	56295.24183	56295.24219	504797.3	5410459.1
T10460.0	504797.9	5410459.1	75308.00000	377.13	0	48.847084	-86.934603	56323.00	56246.6	3.39	56326.39	56326.39063	56296.51762	56296.51953	504797.9	5410459.1
T10460.0	504797.9	5410459.1	75308.10156	375.44	0	48.847084	-86.934603	56323.23	56246.6	3.39	56326.62	56326.62109	56297.26578	56297.26563	504797.9	5410459.1
T10460.0	504798.7	5410459.1	75308.20313	377.64	0	48.847084	-86.934592	56323.56	56246.6	3.39	56326.95	56326.94922	56300.35596	56300.35547	504798.7	5410459.1
T10460.0	504799.4	5410459.1	75308.29688	375.32	0	48.847084	-86.934584	56323.77	56246.6	3.39	56327.16	56327.16016	56300.52763	56300.52734	504799.4	5410459.1
T10460.0	504799.4	5410459.1	75308.39844	378.64	0	48.847084	-86.934584	56323.90	56246.6	3.39	56327.29	56327.28906	56298.73750	56298.73828	504799.4	5410459.1
T10460.0	504800.6	5410459.1	75308.50000	378.91	0	48.847084	-86.934566	56324.18	56246.6	3.39	56327.57	56327.57031	56300.48559	56300.48438	504800.6	5410459.1
T10460.0	504800.6	5410459.1	75308.60156	379.75	0	48.847084	-86.934566	56324.34	56246.6	3.39	56327.73	56327.73047	56299.31584	56299.31641	504800.6	5410459.1
T10460.0	504801.3	5410459.1	75308.70313	381.59	0	48.847084	-86.934557	56324.36	56246.6	3.39	56327.75	56327.75000	56294.75025	56294.75000	504801.3	5410459.1
T10460.0	504801.9	5410459.1	75308.79688	377.20	0	48.847084	-86.934548	56324.52	56246.6	3.39	56327.91	56327.91016	56293.48454	56293.48438	504801.9	5410459.1
T10460.0	504801.9	5410459.1	75308.89844	379.68	0	48.847084	-86.934548	56324.94	56246.6	3.39	56328.33	56328.32813	56298.38847	56298.38672	504801.9	5410459.1
T10460.0	504802.7	5410459.1	75309.00000	376.04	0	48.847084	-86.934538	56325.13	56246.6	3.39	56328.51	56328.51172	56297.50624	56297.50781	504802.7	5410459.1
T10460.0	504803.3	5410459.1	75309.10156	376.56	0	48.847084	-86.934529	56325.43	56246.6	3.39	56328.82	56328.82031	56299.68569	56299.68750	504803.3	5410459.1
T10460.0	504804.1	5410459.1	75309.20313	378.12	0	48.847084	-86.934519	56325.82	56246.6	3.39	56329.21	56329.21094	56303.73159	56303.73047	504804.1	5410459.1
T10460.0	504804.7	5410459.1	75309.29688	374.79	0	48.847084	-86.934511	56326.02	56246.6	3.39	56329.41	56329.41016	56303.18797	56303.18750	504804.7	5410459.1
T10460.0	504804.7	5410459.1	75309.39844	378.04	0	48.847084	-86.934511	56325.96	56246.6	3.39	56329.35	56329.35156	56296.38137	56296.38281	504804.7	5410459.1
T10460.0	504805.5	5410459.1	75309.50000	376.80	0	48.847084	-86.934500	56326.22	56246.6	3.39	56329.61	56329.60938	56297.18132	56297.17969	504805.5	5410459.1
T10460.0	504806.3	5410459.1	75309.60156	377.29	0	48.847083	-86.934489	56326.40	56246.6	3.39	56329.79	56329.78906	56296.02332	56296.02344	504806.3	5410459.1
T10460.0	504806.3	5410459.1	75309.60156	382.06	0	48.847083	-86.934489	56326.64	56246.6	3.39	56330.03	56330.03125	56296.25553	56296.25391	504806.3	5410459.1
T10460.0	504806.8	5410459.1	75309.79688	376.76	0	48.847083	-86.934482	56327.04	56246.6	3.39	56330.43	56330.42969	56300.26965	56300.26953	504806.8	5410459.1
T10460.0	504807.5	5410459.1	75309.89844	379.69	0	48.847083	-86.934473	56327.32	56246.6	3.39	56330.71	56330.71094	56301.37070	56301.37109	504807.5	5410459.1
T10460.0	504808.1	5410459.0	75310.00000	379.40	0	48.847083	-86.934464	56327.60	56246.6	3.39	56330.99	56330.98828	56302.42866	56302.42969	504808.1	5410459.0
T10460.0	504808.1	5410459.0	75310.10156	375.45	0	48.847083	-86.934464	56327.73	56246.6	3.39	56331.12	56331.12109	56299.85719	56299.85547	504808.1	5410459.0
T10460.0	504808.9	5410459.0	75310.20313	378.37	0	48.847083	-86.934453	56327.88	56246.6	3.39	56331.26	56331.26172	56297.48279	56297.48438	504808.9	5410459.0
T10460.0	504809.5	5410459.0	75310.29688	375.74	0	48.847083	-86.934446	56327.98	56246.6	3.39	56331.37	56331.37109	56294.34951	56294.34766	504809.5	5410459.0
T10460.0	504810.1	5410459.0	75310.39844	373.79	0	48.847083	-86.934437	56328.24	56246.6	3.39	56331.62	56331.62109	56294.52299	56294.52344	504810.1	5410459.0
T10460.0	504810.9	5410459.0	75310.50000	377.63	0	48.847083	-86.934427	56328.54	56246.6	3.39	56331.93	56331.92969	56296.09083	56296.08984	504810.9	5410459.0
T10460.0	504810.9	5410459.0	75310.60156	375.16	0	48.847083	-86.934427	56328.90	56246.6	3.38	56332.28	56332.28125	56298.57538	56298.57422	504810.9	5410459.0
T10460.0	504811.5	5410459.0	75310.60156	375.65	0	48.847083	-86.934418	56329.18	56246.6	3.38	56332.56	56332.55859	56299.34689	56299.34766	504811.5	5410459.0

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
T10460.0	504812.3	5410459.0	75310.79688	379.67	0	48.847082	-86.934407	56329.31	56246.6	3.38	56332.69	56332.69141	56296.49302	56296.49219	504812.3	5410459.0
T10460.0	504813.0	5410459.0	75310.89844	377.34	0	48.847083	-86.934398	56329.54	56246.6	3.38	56332.92	56332.92188	56295.99246	56295.99219	504813.0	5410459.0
T10460.0	504813.0	5410459.0	75311.00000	380.89	0	48.847083	-86.934398	56329.51	56246.6	3.38	56332.89	56332.89063	56289.23746	56289.23828	504813.0	5410459.0
T10460.0	504813.5	5410459.0	75311.10156	384.06	0	48.847082	-86.934390	56329.87	56246.6	3.38	56333.25	56333.25000	56291.77166	56291.77344	504813.5	5410459.0
T10460.0	504814.4	5410459.0	75311.20313	380.01	0	48.847082	-86.934379	56330.11	56246.6	3.38	56333.49	56333.48828	56291.40050	56291.40234	504814.4	5410459.0
T10460.0	504815.1	5410459.0	75311.29688	382.44	0	48.847082	-86.934368	56330.41	56246.6	3.38	56333.79	56333.78906	56292.42888	56292.42969	504815.1	5410459.0
T10460.0	504815.7	5410459.0	75311.39844	386.90	0	48.847082	-86.934361	56330.68	56246.6	3.38	56334.06	56334.05859	56292.70542	56292.70703	504815.7	5410459.0
T10460.0	504815.7	5410459.0	75311.50000	381.54	0	48.847082	-86.934361	56330.96	56246.6	3.38	56334.34	56334.33984	56293.18734	56293.18750	504815.7	5410459.0
T10460.0	504816.5	5410459.0	75311.60156	381.49	0	48.847082	-86.934350	56331.30	56246.6	3.38	56334.68	56334.67969	56295.07100	56295.07031	504816.5	5410459.0
T10460.0	504817.2	5410459.0	75311.60156	381.67	0	48.847082	-86.934340	56331.43	56246.6	3.38	56334.81	56334.80859	56291.90085	56291.90234	504817.2	5410459.0
T10460.0	504817.2	5410459.0	75311.79688	376.38	0	48.847082	-86.934340	56331.88	56246.6	3.38	56335.26	56335.26172	56296.35117	56296.35156	504817.2	5410459.0
T10460.0	504818.1	5410459.0	75311.89844	378.32	0	48.847082	-86.934328	56331.96	56246.6	3.38	56335.34	56335.33984	56291.92328	56291.92188	504818.1	5410459.0
T10460.0	504818.1	5410459.0	75312.00000	378.79	0	48.847082	-86.934328	56332.30	56246.6	3.38	56335.68	56335.67969	56293.68271	56293.68359	504818.1	5410459.0
T10460.0	504818.7	5410458.9	75312.10156	376.54	0	48.847082	-86.934319	56332.32	56246.6	3.38	56335.70	56335.69922	56287.76116	56287.76172	504818.7	5410458.9
T10460.0	504819.4	5410458.9	75312.20313	382.85	0	48.847082	-86.934311	56332.75	56246.6	3.38	56336.13	56336.12891	56291.61542	56291.61719	504819.4	5410458.9
T10460.0	504820.3	5410458.9	75312.29688	382.59	0	48.847082	-86.934298	56332.76	56246.6	3.38	56336.14	56336.14063	56285.39915	56285.39844	504820.3	5410458.9
T10460.0	504820.3	5410458.9	75312.39844	379.69	0	48.847082	-86.934298	56333.03	56246.6	3.38	56336.41	56336.41016	56285.37354	56285.37500	504820.3	5410458.9
T10460.0	504821.0	5410458.9	75312.50000	384.63	0	48.847082	-86.934288	56333.29	56246.6	3.38	56336.67	56336.67188	56285.08316	56285.08203	504821.0	5410458.9
T10460.0	504821.6	5410458.9	75312.60156	382.23	0	48.847082	-86.934280	56333.57	56246.6	3.37	56336.94	56336.94141	56285.00712	56285.00781	504821.6	5410458.9
T10460.0	504822.2	5410458.9	75312.70313	381.74	0	48.847082	-86.934272	56334.11	56246.6	3.37	56337.48	56337.48047	56291.36352	56291.36328	504822.2	5410458.9
T10460.0	504822.8	5410458.9	75312.79688	384.19	0	48.847081	-86.934264	56334.31	56246.6	3.37	56337.69	56337.69141	56289.80589	56289.80469	504822.8	5410458.9
T10460.0	504822.8	5410458.9	75312.89844	379.83	0	48.847081	-86.934264	56334.74	56246.6	3.37	56338.11	56338.10938	56293.24777	56293.24609	504822.8	5410458.9
T10460.0	504823.7	5410458.8	75313.00000	380.19	0	48.847081	-86.934252	56334.77	56246.6	3.37	56338.14	56338.14063	56287.34273	56287.34375	504823.7	5410458.8
T10460.0	504824.3	5410458.8	75313.10156	384.31	0	48.847081	-86.934244	56335.23	56246.6	3.37	56338.61	56338.60938	56291.93890	56291.93750	504824.3	5410458.8
T10460.0	504824.8	5410458.8	75313.20313	376.43	0	48.847081	-86.934237	56335.58	56246.6	3.37	56338.96	56338.96094	56293.64634	56293.64453	504824.8	5410458.8
T10460.0	504824.8	5410458.8	75313.29688	380.69	0	48.847081	-86.934237	56335.84	56246.6	3.38	56339.22	56339.21875	56293.18340	56293.18359	504824.8	5410458.8
T10460.0	504825.5	5410458.8	75313.39844	385.22	0	48.847081	-86.934227	56336.12	56246.6	3.38	56339.50	56339.50000	56293.18138	56293.17969	504825.5	5410458.8
T10460.0	504826.0	5410458.8	75313.50000	381.19	0	48.847081	-86.934220	56336.25	56246.6	3.38	56339.63	56339.62891	56289.57619	56289.57813	504826.0	5410458.8
T10460.0	504826.7	5410458.8	75313.60156	386.27	0	48.847081	-86.934211	56336.51	56246.6	3.38	56339.89	56339.89063	56289.06425	56289.06250	504826.7	5410458.8
T10460.0	504826.7	5410458.8	75313.60156	385.89	0	48.847081	-86.934211	56336.56	56246.6	3.38	56339.94	56339.94141	56283.51637	56283.51563	504826.7	5410458.8
T10460.0	504827.4	5410458.8	75313.79688	383.99	0	48.847081	-86.934201	56337.02	56246.6	3.39	56340.41	56340.41016	56287.99831	56288.00000	504827.4	5410458.8
T10460.0	504828.0	5410458.8	75313.89844	386.68	0	48.847081	-86.934193	56337.30	56246.6	3.39	56340.68	56340.67969	56287.68546	56287.68359	504828.0	5410458.8
T10460.0	504828.8	5410458.7	75314.00000	387.65	0	48.847080	-86.934183	56337.68	56246.6	3.39	56341.07	56341.07031	56290.23078	56290.23047	504828.8	5410458.7
T10460.0	504828.8	5410458.7	75314.10156	384.76	0	48.847080	-86.934183	56337.79	56246.6	3.39	56341.17	56341.17188	56285.83126	56285.83203	504828.8	5410458.7
T10460.0	504829.5	5410458.7	75314.20313	388.49	0	48.847080	-86.934172	56337.93	56246.6	3.38	56341.32	56341.32031	56282.61811	56282.61719	504829.5	5410458.7
T10460.0	504830.2	5410458.7	75314.29688	384.31	0	48.847080	-86.934164	56338.34	56246.6	3.38	56341.72	56341.71875	56285.37484	56285.37500	504830.2	5410458.7
T10460.0	504830.9	5410458.7	75314.39844	385.90	0	48.847080	-86.934153	56338.63	56246.6	3.38	56342.01	56342.01172	56285.49407	56285.49219	504830.9	5410458.7
T10460.0	504830.9	5410458.7	75314.50000	388.20	0	48.847080	-86.934153	56338.90	56246.6	3.38	56342.27	56342.26953	56284.88983	56284.89063	504830.9	5410458.7
T10460.0	504831.8	5410458.7	75314.60156	383.63	0	48.847080	-86.934141	56339.08	56246.6	3.37	56342.45	56342.44922	56282.36759	56282.36719	504831.8	5410458.7
T10460.0	504832.6	5410458.7	75314.70313	387.09	0	48.847080	-86.934131	56339.62	56246.6	3.37	56342.99	56342.98828	56288.44979	56288.44922	504832.6	5410458.7
T10460.0	504832.6	5410458.7	75314.79688	385.43	0	48.847080	-86.934131	56339.82	56246.6	3.37	56343.19	56343.19141	56286.39892	56286.39844	504832.6	5410458.7
T10460.0	504833.1	5410458.7	75314.89844	382.33	0	48.847080	-86.934123	56339.90	56246.6	3.36	56343.26	56343.26172	56281.23763	56281.23828	504833.1	5410458.7
T10460.0	504833.9	5410458.7	75315.00000	387.65	0	48.847080	-86.934113	56340.18	56246.6	3.36	56343.54	56343.53906	56281.09715	56281.09766	504833.9	5410458.7
T10460.0	504833.9	5410458.7	75315.10156	383.63	0	48.847080	-86.934113	56340.66	56246.6	3.36	56344.03	56344.03125	56285.97858	56285.98047	504833.9	5410458.7
T10460.0	504834.7	5410458.7	75315.20313	385.95	0	48.847080	-86.934101	56340.89	56246.6	3.36	56344.26	56344.26172	56284.64421	56284.64453	504834.7	5410458.7
T10460.0	504835.5	5410458.7	75315.29688	388.09	0	48.847080	-86.934091	56340.94	56246.6	3.36	56344.30	56344.30078	56278.76899	56278.76953	504835.5	5410458.7
T10460.0	504836.4	5410458.7	75315.39844	386.18	0	48.847080	-86.934078	56341.38	56246.6	3.36	56344.75	56344.75000	56282.70136	56282.70313	504836.4	5410458.7
T10460.0	504836.4	5410458.7	75315.50000	388.99	0	48.847080	-86.934078	56341.94	56246.6	3.37	56345.30	56345.30078	56289.02959	56289.03125	504836.4	5410458.7
T10460.0	504837.2	5410458.8	75315.50000	385.58	0	48.847080	-86.934068	56342.15	56246.6	3.37	56345.51	56345.51172	56287.23335	56287.23438	504837.2	5410458.8
T10460.0	504837.9	5410458.8	75315.60156	386.21	0	48.847080	-86.934058	56342.53	56246.6	3.37	56345.89	56345.89063	56289.50899	56289.50781	504837.9	5410458.8
T10460.0	504837.9	5410458.8	75315.70313	387.43	0	48.847080	-86.934058	56342.78	56246.6	3.37	56346.15	56346.14844	56288.92301	56288.92188	504837.9	5410458.8
T10460.0	504838.5	5410458.8	75315.89844	384.68	0	48.847081	-86.934050	56343.06	56246.6	3.37	56346.43	56346.42969	56288.82419	56288.82422	504838.5	5410458.8
T10460.0	504839.4	5410458.8	75316.00000	387.02	0	48.847081	-86.934038	56343.39	56246.6	3.37	56346.76	56346.76172	56289.93098	56289.92969	504839.4	5410458.8
T10460.0	504839.4	5410458.8	75316.10156	384.34	0	48.847081	-86.934038	56343.81	56246.6	3.37	56347.18	56347.17969	56293.20091	56293.19922	504839.4	5410458.8
T10460.0	504840.3	5410458.8	75316.20313	387.56	0	48.847081	-86.934026	56344.14	56246.6	3.37	56347.51	56347.51172	56294.33084	56294.33203	504840.3	5410458.8
T10460.0	504841.0	5410458.9	75316.29688	390.73	0	48.847081	-86.934016	56344.46	56246.6	3.37	56347.83	56347.82813	56295.23479	56295.23438	504841.0	5410458.9
T10460.0	504841.0	5410458.9	75316.39844	388.81	0	48.847081	-86.934016	56344.90	56246.6	3.37	56348.27	56348.26953	56299.02238	56299.02344	504841.0	5410458.9
T10460.0	504842.4	5410458.9	75316.50000	394.10	0	48.847082	-86.933997	56345.16	56246.6	3.37	56348.53	56348.53125	56298.52097	56298.51953	504842.4	5410458.9
T10460.0	504842.4	5410458.9	75316.60156	392.89	0	48.847082	-86.933997	56345.77	56246.6	3.37	56349.14	56349.14063	56306.40507	56306.40625	504842.4	5410458.9
T10460.0	504843.1	5410458.9	75316.70313	395.34	0	48.847082	-86.933987	56345.92	56246.6	3.37	56349.29	56349.28906	56303.30676	56303.30859	504843.1	5410458.9
T10460.0	504843.8	5410458.9	75316.79688	394.43	0	48.847082	-86.933977	56346.36	56246.6	3.37	56349.73	56349.73047	56307.16123	56307.16016	504843.8	5410458.9
T10460.0	504843.8	5410458.9	75316.89844	388.82	0	48.847082	-86.933977	56346.82	56246.6	3.37	56350.19	56350.19141	56311.51315	56311.51172	504843.8	5410458.9
T10460.0	504844.5	5410458.9	75317.00000	390.38	0	48.847082	-86.933968	56347.02	56246.6	3.37	56350.39	56350.39063	56309.66806	56309.66797	504844.5	5410458.9
T10460.0	504845.4	5410458.9	75317.10156	388.85	0	48.847082	-86.933956	56347.22	56246.6	3.37	56350.59	56350.58984	56307.84408	56307.84375	504845.4	5410458.9
T10460.0	504845.4	5410458.9	75317.20313	392.77	0	48.847082	-86.933956	56347.46	56246.6	3.37	56350.82	56350.82031	56306.75954	56306.75781	504845.4	5410458.9
T10460.0	504846.4	5410458.9	75317.29688	391.34	0	48.847082	-86.933943	56347.91	56246.6	3.36	56351.27	56351.26953	56310.95867	56310.95703	504846.4	5410458.9
T10460.0	504847.1	5410458.9	75317.39844	387.79	0	48.847082	-86.933933	56348.38	56246.6	3.36	56351.74	56351.73828	56315.65993	56315.66016	504847.1	5410458.9
T10460.0	504847.1	5410458.9	75317.50000	391.79	0	48.847082	-86.933933	56348.81	56246.6	3.36	56352.17	56352.17188	56319.42946	56319.42969	504847.1	5410458.9
T10460.0	504847.7	5410458.9	75317.60156	389.28	0	48.847082	-86.933924	56349.29	56246.6	3.36	56352.65	56352.64844	56324.42023	56324.42188	504847.7	5410458.9
T10460.0	504848.4	5410458.9	75317.60156	390.32	0	48.847082	-86.933915	56349.52	56246.6	3.36	56352.88	56352.87891	56323.45939	56323.46094	504848.4	5410458.9
T10460.0	504849.3	5410458.9	75317.79688	392.99	0	48.847082	-86.933903	56349.90	56246.6	3.35	56353.25	56353.25000	56325.87355	56325.87500	504849.3	5410458.9
T10460.0	504849.3	5410458.9	75317.89844	389.58	0	48.847082	-86.933903	56350.14	56246.6	3.35	56353.49	56353.48828	56325.20718	56325.20703	504849.3	5410458.9
T10460.0	504850.2	5410458.9	75318.00000	392.68	0	48.847082	-86.933890	56350.36	56246.7	3.35	56353.71	56353.71094	56324.09139	56324.08984	504850.2	5410458.9
T10460.0	504850.8	5410458.9	75318.10156	392.04	0	48.847082	-86.933882	56350.77	56246.7	3.35	56354.12	56354.12109	56327.54851	56327.54688	504850.8	5410458.9
T10460.0	504850.8	5410458.9	75318.20313	390.23	0	48.847082	-86.933882	56351.08	56246.7	3.35	56354.43	56354.42969	56328.64468	56328.64453	504850.8	5410458.9
T10460.0	504851.4	5410458.9	75318.29688	394.10	0	48.847082	-86.933874	56351.34	56246.7	3.35	56354.69	56354.69141	56328.57621	56328.57813	504851.4	5410458.9
T10460.0	504852.0	5410458.9	75318.39844	392.24	0	48.847082	-86.933865	56351.66	56246.7	3.35	56355.01	56355.01172	56329.97408	56329.97266	504852.0	5410458.9
T10460.0	504852.0	5410458.9	75318.50000	389.15	0	48.847082	-86.933865	56352.50	56246.7	3.35	56355.85	56355.85156	56343.83857	56343.83984	504852.0	5410458.9
T10460.0	504852.8	5410458.9	75318.60156	396.94	0	48.847082	-86.933855	56352.76	56246.7	3.35	56356.11	56356.10938	56343.86677	56343.86719	504852.8	5410458.9
T10460.0	504853.3	5410458.9	75318.70313	398.46	0	48.847082	-86.933848	56353.09	56246.7	3.35	56356.44	56356.44141	56345.60219	56345.60156	504853.3	5410458.9
T10460.0	504854.0	5410458.9	75318.79688	393.12	0	48.847081	-86.933839	56353.48	56246.7	3.35	56356.83	56356.82813	56348.80624	56348.80469	504854.0	5410458.9
T10460.0	504854.0	5410458.9	75318.89844	395.48	0	48.847081	-86.933839	56353.81	56246.7	3.35	56357.15	56357.14844	56350.37079	56350.37109	504854.0	5410458.9
T10460.0	504854.7	5410458.9	75319.00000	397.28	0	48.847081	-86.933829	56354.04	56246.7	3.35	56357.39	56357.39063	56350.05718	56350.05859	504854.7	5410458.9
T10460.0	504855.2	5410458.9	75319.10156	391.56	0	48.847081	-86.933823	56354.29	56246.6	3.35	56357.64	56357.64063	56350.01789	56350.01953	504855.2	5410458.9
T10460.0	504855.9	5410458.9	75319.20313	394.04	0	48.847081	-86.933813	56354.57	56246.6	3.35	56357.93	56357.92969	56350.97066	56350.96875	504855.9	5410458.9
T10460.0	504856.7	5410458.9	75319.29688	397.54	0	48.847081	-86.933802	56355.16	56246.6	3.36	56358.52	56358.51953	56359.13299	56359.13281	504856.7	5410458.9
T10460.0	504857.4	5410458.9	75319.39844	394.37	0	48.847081	-86.933793	56355.52	56246.6	3.36	56358.88	56358.87891	56361.83167	56361.83203	504857.4	5410458.9
T10460.0	504857.4	5410458.9	75319.39844	391.10	0	48.847081	-86.933793	56355.86	56246.6	3.36	56359.21	56359.21094	56363.84936	56363.84766	504857.4	5410458.9
T10460.0	504858.2	5410458.9	75319.60156	394.12	0	48.847081	-86.933782	56356.11	56246.6	3.36	56359.47	56359.46875	56364.22976	56364.23047	504858.2	5410458.9
T10460.0	504858.2	5410458.9	75319.60156	394.76	0	48.847081	-86.933782	56356.52	56246.6	3.36	56359.88	56359.87891	56368.23372	56368.23438	504858.2	5410458.9
T10460.0	504858.9	5410458.9	75319.60156	394.76	0	48.847081	-86.933772	56356.85	56246.6	3.36	56360.21	56360.21094	56370.36148	56370.36328	504858.9	5410458.9
T10460.0	504859.5	5410458.9	75319.79688	391.47	0	48.847081	-86.933764	56357.23	56246.6	3.37	56360.59	56360.58984	56373.72169	56373.72266	504859.5	5410458.9
T10460.0	504859.5	5410458.9	75319.89844	394.45	0	48.847081	-86.933764	56357.51	56246.6	3.37	56360.88	56360.87891	56374.96661	56374.96484	504859.5	5410458.9

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
T10460.0	504860.1	5410458.9	75320.10156	394.34	0	48.847081	-86.933755	56357.71	56246.6	3.37	56361.09	56361.08984	56374.33530	56374.33594	504860.1	5410458.9
T10460.0	504860.7	5410458.9	75320.20313	396.82	0	48.847081	-86.933747	56357.79	56246.6	3.37	56361.16	56361.16016	56370.39290	56370.39453	504860.7	5410458.9
T10460.0	504861.4	5410458.9	75320.20313	396.24	0	48.847081	-86.933738	56358.04	56246.6	3.37	56361.42	56361.42188	56371.03029	56371.03125	504861.4	5410458.9
T10460.0	504862.0	5410458.9	75320.39844	391.56	0	48.847081	-86.933729	56358.20	56246.6	3.37	56361.57	56361.57031	56369.07355	56369.07422	504862.0	5410458.9
T10460.0	504862.0	5410458.9	75320.50000	390.33	0	48.847081	-86.933729	56358.45	56246.6	3.38	56361.82	56361.82031	56369.54397	56369.54297	504862.0	5410458.9
T10460.0	504862.4	5410458.9	75320.60156	392.49	0	48.847081	-86.933724	56358.79	56246.6	3.38	56362.16	56362.16016	56372.20209	56372.20313	504862.4	5410458.9
T10460.0	504862.9	5410458.9	75320.60156	394.79	0	48.847081	-86.933718	56359.19	56246.6	3.38	56362.57	56362.57031	56376.56925	56376.57031	504862.9	5410458.9
T10460.0	504863.4	5410458.9	75320.79688	397.55	0	48.847081	-86.933711	56359.40	56246.6	3.38	56362.78	56362.78125	56376.18867	56376.18750	504863.4	5410458.9
T10460.0	504863.4	5410458.9	75320.89844	399.14	0	48.847081	-86.933711	56359.58	56246.6	3.38	56362.96	56362.96094	56375.12492	56375.12500	504863.4	5410458.9
T10460.0	504864.0	5410458.9	75321.00000	398.09	0	48.847081	-86.933702	56359.84	56246.6	3.38	56363.22	56363.21875	56376.00774	56376.00781	504864.0	5410458.9
T10460.0	504864.0	5410458.9	75321.10156	401.99	0	48.847081	-86.933702	56359.73	56246.6	3.38	56363.11	56363.10938	56368.07597	56368.07422	504864.0	5410458.9
T10460.0	504864.5	5410458.9	75321.20313	403.23	0	48.847081	-86.933696	56359.86	56246.6	3.37	56363.22	56363.21875	56365.43713	56365.43750	504864.5	5410458.9
T10460.0	504865.0	5410458.9	75321.29688	403.01	0	48.847082	-86.933689	56360.24	56246.6	3.36	56363.61	56363.60938	56369.52518	56369.52344	504865.0	5410458.9
T10460.0	504865.0	5410458.9	75321.39844	401.72	0	48.847082	-86.933689	56360.57	56246.6	3.36	56363.93	56363.92969	56371.96996	56371.96875	504865.0	5410458.9
T10460.0	504865.5	5410458.9	75321.50000	395.26	0	48.847082	-86.933681	56360.75	56246.6	3.35	56364.10	56364.10156	56370.85758	56370.85938	504865.5	5410458.9
T10460.0	504865.9	5410459.0	75321.60156	391.03	0	48.847082	-86.933677	56360.93	56246.7	3.35	56364.28	56364.28125	56370.01303	56370.01172	504865.9	5410459.0
T10460.0	504865.9	5410459.0	75321.60156	388.28	0	48.847082	-86.933677	56361.24	56246.7	3.35	56364.59	56364.58984	56372.30472	56372.30469	504865.9	5410459.0
T10460.0	504866.4	5410459.0	75321.79688	387.71	0	48.847082	-86.933670	56361.13	56246.7	3.34	56364.47	56364.46875	56364.34066	56364.33984	504866.4	5410459.0
T10460.0	504866.8	5410459.0	75321.89844	387.61	0	48.847082	-86.933664	56361.31	56246.7	3.33	56364.64	56364.64063	56363.33650	56363.33594	504866.8	5410459.0
T10460.0	504866.8	5410459.0	75322.00000	391.60	0	48.847082	-86.933664	56361.54	56246.7	3.33	56364.87	56364.87109	56363.79115	56363.79297	504866.8	5410459.0
T10460.0	504867.2	5410459.0	75322.10156	393.85	0	48.847083	-86.933659	56361.82	56246.7	3.33	56365.15	56365.14844	56365.46417	56365.46484	504867.2	5410459.0
T10460.0	504867.4	5410459.1	75322.20313	397.93	0	48.847083	-86.933656	56362.11	56246.7	3.33	56365.44	56365.44141	56367.39766	56367.39844	504867.4	5410459.1
T10460.0	504867.7	5410459.1	75322.29688	400.38	0	48.847083	-86.933652	56362.28	56246.7	3.34	56365.62	56365.62109	56366.72067	56366.71875	504867.7	5410459.1
T10460.0	504868.0	5410459.1	75322.39844	403.33	0	48.847083	-86.933648	56362.36	56246.7	3.34	56365.70	56365.69922	56363.67078	56363.67188	504868.0	5410459.1
T10460.0	504868.0	5410459.1	75322.50000	405.26	0	48.847083	-86.933648	56362.20	56246.7	3.34	56365.54	56365.53906	56354.89866	56354.89844	504868.0	5410459.1
T10460.0	504868.3	5410459.1	75322.60156	406.78	0	48.847083	-86.933644	56362.62	56246.7	3.34	56365.96	56365.96094	56360.01068	56360.01172	504868.3	5410459.1
T10460.0	504868.5	5410459.1	75322.70313	408.95	0	48.847083	-86.933641	56362.64	56246.7	3.34	56365.99	56365.98828	56355.81018	56355.80859	504868.5	5410459.1
T10460.0	504868.7	5410459.1	75322.79688	408.68	0	48.847084	-86.933638	56362.94	56246.7	3.35	56366.29	56366.28906	56358.07743	56358.07813	504868.7	5410459.1
T10460.0	504868.7	5410459.1	75322.89844	405.54	0	48.847084	-86.933638	56362.79	56246.7	3.35	56366.14	56366.14063	56349.59367	56349.59375	504868.7	5410459.1
T10460.0	504868.9	5410459.2	75323.00000	404.60	0	48.847084	-86.933635	56362.71	56246.7	3.35	56366.06	56366.05859	56342.79132	56342.79297	504868.9	5410459.2
T10460.0	504869.2	5410459.2	75323.10156	401.35	0	48.847084	-86.933632	56362.77	56246.7	3.35	56366.11	56366.10938	56339.10306	56339.10156	504869.2	5410459.2
T10460.0	504869.2	5410459.2	75323.20313	395.93	0	48.847084	-86.933632	56362.94	56246.7	3.35	56366.29	56366.28906	56338.52676	56338.52734	504869.2	5410459.2
T10460.0	504869.4	5410459.2	75323.29688	389.54	0	48.847084	-86.933629	56363.15	56246.7	3.34	56366.49	56366.48828	56338.42988	56338.42969	504869.4	5410459.2
T10460.0	504869.6	5410459.2	75323.39844	382.93	0	48.847084	-86.933626	56363.10	56246.7	3.34	56366.44	56366.44141	56332.35385	56332.35547	504869.6	5410459.2
T10460.0	504869.6	5410459.2	75323.50000	378.39	0	48.847084	-86.933626	56363.53	56246.7	3.34	56366.87	56366.87109	56337.75228	56337.75391	504869.6	5410459.2
T10460.0	504869.8	5410459.2	75323.60156	377.90	0	48.847085	-86.933624	56363.43	56246.7	3.34	56366.76	56366.76172	56330.23224	56330.23047	504869.8	5410459.2
T10460.0	504869.9	5410459.3	75323.60156	378.04	0	48.847085	-86.933622	56363.76	56246.7	3.34	56367.10	56367.10156	56333.46442	56333.46484	504869.9	5410459.3
T10460.0	504870.1	5410459.3	75323.79688	377.62	0	48.847085	-86.933619	56363.89	56246.7	3.33	56367.23	56367.23047	56331.66415	56331.66406	504870.1	5410459.3
T10460.0	504870.1	5410459.3	75323.89844	378.88	0	48.847085	-86.933619	56363.81	56246.7	3.33	56367.15	56367.14844	56324.82883	56324.82813	504870.1	5410459.3
T10460.0	504870.2	5410459.3	75324.00000	383.19	0	48.847085	-86.933617	56363.91	56246.7	3.33	56367.24	56367.23828	56322.04244	56322.04297	504870.2	5410459.3
T10460.0	504870.4	5410459.3	75324.10156	387.43	0	48.847085	-86.933616	56363.64	56246.7	3.33	56366.97	56366.96875	56310.62871	56310.62891	504870.4	5410459.3
T10460.0	504870.4	5410459.3	75324.20313	391.29	0	48.847085	-86.933616	56363.91	56246.7	3.33	56367.24	56367.23828	56312.10588	56312.10547	504870.4	5410459.3
T10460.0	504870.5	5410459.3	75324.29688	394.57	0	48.847085	-86.933614	56363.98	56246.7	3.33	56367.31	56367.30859	56308.77598	56308.77734	504870.5	5410459.3
T10460.0	504870.6	5410459.3	75324.39844	396.62	0	48.847085	-86.933612	56364.32	56246.7	3.33	56367.65	56367.64844	56311.87483	56311.87500	504870.6	5410459.3
T10460.0	504870.6	5410459.3	75324.50000	397.17	0	48.847085	-86.933612	56364.58	56246.7	3.33	56367.91	56367.91016	56313.03014	56313.03125	504870.6	5410459.3
T10460.0	504870.8	5410459.3	75324.60156	396.91	0	48.847085	-86.933610	56365.02	56246.7	3.33	56368.35	56368.35156	56318.45600	56318.45703	504870.8	5410459.3
T10460.0	504871.0	5410459.3	75324.70313	394.69	0	48.847085	-86.933606	56365.09	56246.7	3.33	56368.42	56368.42188	56314.99756	56314.99609	504871.0	5410459.3
T10460.0	504871.0	5410459.3	75324.79688	394.06	0	48.847085	-86.933606	56364.86	56246.7	3.33	56368.19	56368.19141	56304.32547	56304.32422	504871.0	5410459.3
T10460.0	504871.3	5410459.3	75324.89844	388.91	0	48.847085	-86.933603	56365.19	56246.7	3.33	56368.52	56368.51953	56307.00105	56307.00000	504871.3	5410459.3
T10460.0	504871.6	5410459.3	75325.00000	383.86	0	48.847085	-86.933599	56365.09	56246.7	3.33	56368.42	56368.42188	56299.34783	56299.34766	504871.6	5410459.3
T10460.0	504871.6	5410459.3	75325.10156	380.53	0	48.847085	-86.933599	56365.42	56246.7	3.33	56368.75	56368.75000	56301.92702	56301.92578	504871.6	5410459.3
T10460.0	504871.8	5410459.3	75325.20313	381.21	0	48.847085	-86.933596	56365.47	56246.7	3.33	56368.80	56368.80078	56297.75749	56297.75781	504871.8	5410459.3
T10460.0	504872.2	5410459.3	75325.29688	387.53	0	48.847085	-86.933590	56365.88	56246.7	3.33	56369.21	56369.21094	56302.13963	56302.14063	504872.2	5410459.3
T10460.0	504872.2	5410459.3	75325.39844	389.89	0	48.847085	-86.933590	56366.04	56246.7	3.33	56369.37	56369.37109	56300.48346	56300.48438	504872.2	5410459.3
T10460.0	504872.5	5410459.3	75325.50000	395.92	0	48.847085	-86.933586	56366.06	56246.7	3.33	56369.39	56369.39063	56295.41576	56295.41406	504872.5	5410459.3
T10460.0	504872.8	5410459.3	75325.60156	398.20	0	48.847085	-86.933582	56366.41	56246.7	3.33	56369.74	56369.73828	56298.17170	56298.17188	504872.8	5410459.3
T10460.0	504873.2	5410459.3	75325.60156	400.47	0	48.847085	-86.933578	56366.21	56246.7	3.33	56369.54	56369.53906	56287.70483	56287.70313	504873.2	5410459.3
T10460.0	504873.2	5410459.3	75325.79688	404.62	0	48.847085	-86.933578	56366.77	56246.7	3.33	56370.10	56370.10156	56295.33656	56295.33594	504873.2	5410459.3
T10460.0	504873.5	5410459.3	75325.89844	405.07	0	48.847085	-86.933573	56366.88	56246.7	3.33	56370.21	56370.21094	56292.12930	56292.12891	504873.5	5410459.3
T10460.0	504873.9	5410459.3	75326.00000	402.29	0	48.847085	-86.933567	56367.26	56246.7	3.33	56370.59	56370.58984	56295.29613	56295.29688	504873.9	5410459.3
T10460.0	504874.3	5410459.3	75326.10156	398.34	0	48.847085	-86.933562	56367.39	56246.7	3.33	56370.72	56370.71875	56292.39888	56292.39844	504874.3	5410459.3
T10460.0	504874.3	5410459.3	75326.20313	388.38	0	48.847085	-86.933562	56367.62	56246.7	3.33	56370.95	56370.94922	56291.80302	56291.80469	504874.3	5410459.3
T10460.0	504874.7	5410459.3	75326.29688	379.54	0	48.847085	-86.933557	56367.79	56246.7	3.33	56371.12	56371.12109	56289.67873	56289.67969	504874.7	5410459.3
T10460.0	504875.0	5410459.3	75326.39844	377.20	0	48.847085	-86.933552	56367.74	56246.7	3.33	56371.07	56371.07031	56282.19618	56282.19531	504875.0	5410459.3
T10460.0	504875.0	5410459.3	75326.50000	379.62	0	48.847085	-86.933552	56368.31	56246.7	3.33	56371.64	56371.64063	56289.43776	56289.43750	504875.0	5410459.3
T10460.0	504875.4	5410459.3	75326.60156	383.84	0	48.847085	-86.933547	56368.33	56246.7	3.33	56371.66	56371.66016	56283.42219	56283.42188	504875.4	5410459.3
T10460.0	504875.7	5410459.3	75326.70313	387.24	0	48.847085	-86.933543	56368.54	56246.7	3.33	56371.87	56371.87109	56281.84062	56281.83984	504875.7	5410459.3
T10460.0	504876.1	5410459.2	75326.79688	391.98	0	48.847085	-86.933538	56368.74	56246.7	3.33	56372.07	56372.07031	56279.90663	56279.90625	504876.1	5410459.2
T10460.0	504876.1	5410459.2	75326.89844	399.63	0	48.847085	-86.933538	56369.05	56246.7	3.33	56372.38	56372.37891	56280.48573	56280.48438	504876.1	5410459.2
T10460.0	504876.6	5410459.2	75327.00000	406.02	0	48.847085	-86.933531	56369.53	56246.7	3.33	56372.86	56372.85938	56285.00867	56285.00781	504876.6	5410459.2
T10460.0	504876.6	5410459.2	75327.10156	411.23	0	48.847085	-86.933531	56370.02	56246.7	3.33	56373.34	56373.33984	56289.40637	56289.40625	504876.6	5410459.2
T10460.0	504877.1	5410459.2	75327.20313	412.26	0	48.847084	-86.933524	56370.27	56246.7	3.33	56373.60	56373.60156	56288.41415	56288.41406	504877.1	5410459.2
T10460.0	504877.5	5410459.2	75327.29688	411.93	0	48.847084	-86.933519	56370.44	56246.7	3.32	56373.76	56373.76172	56284.89750	56284.89844	504877.5	5410459.2
T10460.0	504877.5	5410459.2	75327.39844	411.01	0	48.847084	-86.933519	56370.73	56246.7	3.32	56374.05	56374.05078	56284.35223	56284.35156	504877.5	5410459.2
T10460.0	504877.9	5410459.2	75327.50000	410.51	0	48.847084	-86.933513	56370.88	56246.7	3.32	56374.20	56374.19922	56280.31807	56280.31641	504877.9	5410459.2
T10460.0	504878.3	5410459.2	75327.50000	407.48	0	48.847085	-86.933507	56370.96	56246.7	3.32	56374.28	56374.28125	56274.46488	56274.46484	504878.3	5410459.2
T10460.0	504878.8	5410459.2	75327.60156	401.73	0	48.847085	-86.933501	56371.01	56246.7	3.32	56374.33	56374.32813	56267.74521	56267.74609	504878.8	5410459.2
T10460.0	504879.3	5410459.3	75327.79688	398.85	0	48.847085	-86.933494	56371.55	56246.7	3.31	56374.86	56374.85938	56272.35034	56272.35156	504879.3	5410459.3
T10460.0	504879.3	5410459.3	75327.89844	394.02	0	48.847085	-86.933494	56371.88	56246.7	3.31	56375.19	56375.19141	56272.01602	56272.01563	504879.3	5410459.3
T10460.0	504879.7	5410459.3	75328.00000	391.59	0	48.847085	-86.933488	56372.41	56246.7	3.31	56375.72	56375.71875	56276.30324	56276.30469	504879.7	5410459.3
T10460.0	504880.3	5410459.3	75328.10156	389.61	0	48.847085	-86.933480	56373.07	56246.7	3.31	56376.39	56376.39063	56283.77339	56283.77344	504880.3	5410459.3
T10460.0	504880.3	5410459.3	75328.20313	388.80	0	48.847085	-86.933480	56373.54	56246.7	3.31	56376.85	56376.85156	56286.05329	56286.05469	504880.3	5410459.3
T10460.0	504880.9	5410459.3	75328.29688	386.96	0	48.847085	-86.933472	56373.59	56246.7	3.32	56376.90	56376.89844	56278.35669	56278.35547	504880.9	5410459.3
T10460.0	504881.6	5410459.3	75328.39844	382.73	0	48.847085	-86.933463	56373.71	56246.7	3.32	56377.03	56377.03125	56272.39680	56272.39844	504881.6	5410459.3
T10460.0	504882.0	5410459.4	75328.50000	378.76	0	48.847085	-86.933456	56374.35	56246.7	3.32	56377.67	56377.67188	56278.45213	56278.45313	504882.0	5410459.4
T10460.0	504882.0	5410459.4	75328.50000	376.65	0	48.847085	-86.933456	56374.69	56246.7	3.32	56378.01	56378.01172	56277.15005	56277.14844	504882.0	5410459.4
T10460.0	504882.6	5410459.4	75328.70313	376.36	0	48.847085	-86.933449	56375.07	56246.7	3.32	56378.39	56378.39063	56276.61704	56276.61719	504882.6	5410459.4
T10460.0	504883.3	5410459.4	75328.79688	376.91	0	48.847086	-86.933439	56375.55	56246.7	3.33	56378.88	56378.87891	56278.52336	56278.52344	504883.3	5410459.4
T10460.0	504883.3	5410459.4	75328.89844	376.44	0	48.847086	-86.933439	56376.14	56246.7	3.33	56379.47	56379.46875	56282.62630	56282.62500	504883.3	5410459.4
T10460.0	504884.2	5410459.4	75329.00000	379.44	0	48.847086	-86.933427	56376.70	56246.7	3.33	56380.03	56380.03125	56285.81375	56285.81250	504884.2	5410459.4
T10460.0	504885.0	5410459.4	75329.10156	382.91	0	48.847086	-86.933417	56377.16	56246.7	3.33	56380.49	56380.48828	56286.40840	56286.41016	504885.0	5410459.4
T10460.0	504885.7	5410459.4	75329.20313	386.49	0	48.847086	-86.933407	56377.46	56246.7	3.32	56380.79	56380.78906	56282.97211	56282.97266	504885.7	5410459.4
T10460.0	504885.7	5410459.4	75329.29688	390.62	0	48.847086	-86.933407	56377.88	56246.7	3.32	56381.20	56381.19922	56281.95786	56281.95703	504885.7	5410459.4

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
T10460.0	504886.4	5410459.5	75329.39844	392.92	0	48.847086	-86.933397	56378.56	56246.7	3.32	56381.88	56381.87891	56287.18834	56287.18750	504886.4	5410459.5
T10460.0	504886.4	5410459.5	75329.50000	394.25	0	48.847086	-86.933397	56378.79	56246.7	3.32	56382.11	56382.10938	56281.44352	56281.44531	504886.4	5410459.5
T10460.0	504887.4	5410459.5	75329.60156	397.30	0	48.847086	-86.933383	56379.38	56246.7	3.31	56382.69	56382.69141	56283.85010	56283.85156	504887.4	5410459.5
T10460.0	504888.2	5410459.5	75329.60156	399.55	0	48.847086	-86.933372	56379.91	56246.7	3.31	56383.23	56383.23047	56285.07925	56285.07813	504888.2	5410459.5
T10460.0	504889.0	5410459.5	75329.79688	403.29	0	48.847087	-86.933362	56380.64	56246.7	3.31	56383.94	56383.94141	56290.14956	56290.14844	504889.0	5410459.5
T10460.0	504889.6	5410459.5	75329.89844	404.92	0	48.847087	-86.933354	56381.14	56246.7	3.30	56384.44	56384.44141	56289.97149	56289.97266	504889.6	5410459.5
T10460.0	504889.6	5410459.5	75330.00000	408.62	0	48.847087	-86.933354	56381.52	56246.7	3.30	56384.82	56384.82031	56286.69436	56286.69531	504889.6	5410459.5
T10460.0	504890.2	5410459.5	75330.10156	406.25	0	48.847087	-86.933345	56381.88	56246.7	3.30	56385.18	56385.17969	56282.70666	56282.70703	504890.2	5410459.5
T10460.0	504890.9	5410459.5	75330.20313	407.05	0	48.847087	-86.933335	56382.65	56246.7	3.30	56385.95	56385.94922	56288.28807	56288.28906	504890.9	5410459.5
T10460.0	504891.8	5410459.5	75330.29688	408.49	0	48.847087	-86.933324	56383.44	56246.7	3.30	56386.74	56386.73828	56294.11026	56294.10938	504891.8	5410459.5
T10460.0	504892.5	5410459.5	75330.39844	404.94	0	48.847087	-86.933313	56383.56	56246.7	3.30	56386.87	56386.87109	56283.91048	56283.91016	504892.5	5410459.5
T10460.0	504892.5	5410459.5	75330.50000	400.45	0	48.847087	-86.933313	56384.54	56246.7	3.31	56387.84	56387.83984	56293.55478	56293.55469	504892.5	5410459.5
T10460.0	504893.6	5410459.6	75330.60156	399.37	0	48.847087	-86.933299	56384.92	56246.7	3.31	56388.22	56388.21875	56288.84641	56288.84766	504893.6	5410459.6
T10460.0	504893.6	5410459.6	75330.60156	394.69	0	48.847087	-86.933299	56385.66	56246.7	3.31	56388.97	56388.96875	56292.73903	56292.73828	504893.6	5410459.6
T10460.0	504894.3	5410459.6	75330.79688	390.46	0	48.847087	-86.933289	56386.07	56246.7	3.31	56389.37	56389.37109	56288.01377	56288.01563	504894.3	5410459.6
T10460.0	504895.2	5410459.6	75330.89844	387.10	0	48.847088	-86.933276	56386.66	56246.7	3.31	56389.97	56389.96875	56287.82049	56287.82031	504895.2	5410459.6
T10460.0	504896.1	5410459.6	75331.00000	381.63	0	48.847088	-86.933265	56387.11	56246.7	3.31	56390.42	56390.42188	56283.78811	56283.78906	504896.1	5410459.6
T10460.0	504896.9	5410459.6	75331.10156	377.63	0	48.847088	-86.933253	56387.75	56246.7	3.31	56391.06	56391.05859	56284.04511	56284.04688	504896.9	5410459.6
T10460.0	504896.9	5410459.6	75331.20313	375.75	0	48.847088	-86.933253	56388.34	56246.7	3.31	56391.65	56391.64844	56282.85100	56282.85156	504896.9	5410459.6
T10460.0	504897.8	5410459.6	75331.29688	374.84	0	48.847088	-86.933241	56388.97	56246.7	3.31	56392.28	56392.28125	56282.35645	56282.35547	504897.8	5410459.6
T10460.0	504898.9	5410459.7	75331.39844	375.44	0	48.847088	-86.933227	56390.05	56246.7	3.31	56393.36	56393.35938	56292.36415	56292.36328	504898.9	5410459.7
T10460.0	504898.9	5410459.7	75331.50000	377.77	0	48.847088	-86.933227	56390.43	56246.7	3.31	56393.74	56393.73828	56285.37381	56285.37500	504898.9	5410459.7
T10460.0	504900.0	5410459.7	75331.50000	381.67	0	48.847089	-86.933212	56391.32	56246.7	3.31	56394.63	56394.62891	56290.31821	56290.31641	504900.0	5410459.7
T10460.0	504900.9	5410459.8	75331.60156	384.91	0	48.847089	-86.933199	56391.78	56246.7	3.31	56395.09	56395.08984	56284.71886	56284.71875	504900.9	5410459.8
T10460.0	504901.6	5410459.8	75331.79688	386.19	0	48.847089	-86.933189	56392.83	56246.7	3.31	56396.14	56396.14063	56292.96547	56292.96484	504901.6	5410459.8
T10460.0	504902.9	5410459.8	75331.89844	391.56	0	48.847090	-86.933172	56393.62	56246.7	3.31	56396.93	56396.92969	56294.73193	56294.73047	504902.9	5410459.8
T10460.0	504903.8	5410459.9	75332.00000	395.43	0	48.847090	-86.933160	56394.06	56246.7	3.31	56397.36	56397.35938	56287.62645	56287.62500	504903.8	5410459.9
T10460.0	504903.8	5410459.9	75332.10156	398.09	0	48.847090	-86.933160	56395.00	56246.7	3.31	56398.30	56398.30078	56292.45228	56292.45313	504903.8	5410459.9
T10460.0	504905.0	5410459.9	75332.20313	400.49	0	48.847091	-86.933143	56395.89	56246.7	3.31	56399.20	56399.19922	56296.05741	56296.05859	504905.0	5410459.9
T10460.0	504906.0	5410460.0	75332.29688	402.97	0	48.847091	-86.933130	56396.56	56246.7	3.30	56399.86	56399.85938	56293.65921	56293.66016	504906.0	5410460.0
T10460.0	504906.0	5410460.0	75332.39844	403.97	0	48.847091	-86.933130	56397.20	56246.7	3.30	56400.50	56400.50000	56290.51838	56290.51953	504906.0	5410460.0
T10460.0	504907.2	5410460.0	75332.50000	406.05	0	48.847091	-86.933113	56398.02	56246.7	3.30	56401.32	56401.32031	56291.41750	56291.41797	504907.2	5410460.0
T10460.0	504908.0	5410460.1	75332.50000	408.45	0	48.847091	-86.933102	56398.42	56246.7	3.30	56401.72	56401.71875	56282.00946	56282.00781	504908.0	5410460.1
T10460.0	504909.1	5410460.1	75332.70313	408.66	0	48.847092	-86.933088	56399.54	56246.7	3.30	56402.84	56402.83984	56289.55466	56289.55469	504909.1	5410460.1
T10460.0	504909.1	5410460.1	75332.79688	407.99	0	48.847092	-86.933088	56400.38	56246.7	3.29	56403.68	56403.67969	56290.14137	56290.14063	504909.1	5410460.1
T10460.0	504910.1	5410460.1	75332.89844	406.55	0	48.847092	-86.933074	56401.48	56246.7	3.29	56404.77	56404.76953	56296.44378	56296.44531	504910.1	5410460.1
T10460.0	504911.4	5410460.1	75333.00000	406.96	0	48.847092	-86.933057	56402.40	56246.7	3.29	56405.69	56405.69141	56298.41955	56298.41797	504911.4	5410460.1
T10460.0	504911.4	5410460.1	75333.10156	405.47	0	48.847092	-86.933057	56403.24	56246.7	3.29	56406.53	56406.53125	56298.22176	56298.22266	504911.4	5410460.1
T10460.0	504912.6	5410460.1	75333.20313	401.55	0	48.847092	-86.933040	56404.14	56246.7	3.29	56407.44	56407.44141	56299.43835	56299.43750	504912.6	5410460.1
T10460.0	504913.6	5410460.1	75333.29688	402.43	0	48.847092	-86.933026	56404.77	56246.7	3.30	56408.07	56408.07031	56293.70128	56293.70313	504913.6	5410460.1
T10460.0	504913.6	5410460.1	75333.39844	399.04	0	48.847092	-86.933026	56405.87	56246.7	3.30	56409.17	56409.17188	56298.94613	56298.94531	504913.6	5410460.1
T10460.0	504914.8	5410460.1	75333.50000	398.05	0	48.847092	-86.933009	56406.64	56246.7	3.30	56409.94	56409.94141	56296.04463	56296.04297	504914.8	5410460.1
T10460.0	504916.3	5410460.1	75333.50000	398.65	0	48.847092	-86.932989	56407.56	56246.7	3.30	56410.85	56410.85156	56296.23721	56296.23828	504916.3	5410460.1
T10460.0	504917.3	5410460.2	75333.60156	396.36	0	48.847092	-86.932976	56408.50	56246.7	3.30	56411.80	56411.80078	56297.13446	56297.13281	504917.3	5410460.2
T10460.0	504917.3	5410460.2	75333.79688	393.94	0	48.847092	-86.932976	56409.34	56246.7	3.31	56412.65	56412.64844	56295.39061	56295.39063	504917.3	5410460.2
T10460.0	504918.7	5410460.2	75333.89844	392.90	0	48.847092	-86.932956	56410.21	56246.7	3.31	56413.52	56413.51953	56293.87724	56293.87891	504918.7	5410460.2
T10460.0	504919.8	5410460.2	75334.00000	390.63	0	48.847092	-86.932942	56411.07	56246.7	3.31	56414.38	56414.37891	56291.87919	56291.87891	504919.8	5410460.2
T10460.0	504919.8	5410460.2	75334.10156	390.55	0	48.847092	-86.932942	56412.13	56246.7	3.31	56415.43	56415.42969	56294.18131	56294.17969	504919.8	5410460.2
T10460.0	504921.0	5410460.2	75334.20313	390.50	0	48.847092	-86.932925	56413.30	56246.7	3.31	56416.60	56416.60156	56299.11224	56299.11328	504921.0	5410460.2
T10460.0	504922.0	5410460.2	75334.29688	388.10	0	48.847093	-86.932913	56414.06	56246.7	3.30	56417.37	56417.37109	56294.24024	56294.24219	504922.0	5410460.2
T10460.0	504922.0	5410460.2	75334.39844	388.35	0	48.847093	-86.932913	56415.14	56246.7	3.30	56418.44	56418.44141	56296.30668	56296.30859	504922.0	5410460.2
T10460.0	504923.5	5410460.2	75334.50000	386.28	0	48.847093	-86.932892	56416.03	56246.7	3.30	56419.33	56419.32813	56293.83659	56293.83594	504923.5	5410460.2
T10460.0	504924.6	5410460.2	75334.60156	388.21	0	48.847093	-86.932876	56417.07	56246.7	3.30	56420.37	56420.37109	56294.72406	56294.72266	504924.6	5410460.2
T10460.0	504925.7	5410460.3	75334.70313	389.61	0	48.847094	-86.932861	56417.96	56246.7	3.30	56421.26	56421.26172	56291.79858	56291.79688	504925.7	5410460.3
T10460.0	504927.0	5410460.3	75334.79688	390.00	0	48.847094	-86.932843	56419.35	56246.7	3.29	56422.64	56422.64063	56300.36732	56300.36719	504927.0	5410460.3
T10460.0	504927.0	5410460.3	75334.89844	392.71	0	48.847094	-86.932843	56420.46	56246.7	3.29	56423.76	56423.76172	56302.49950	56302.50000	504927.0	5410460.3
T10460.0	504928.6	5410460.4	75335.00000	393.21	0	48.847094	-86.932822	56421.92	56246.7	3.29	56425.21	56425.21094	56312.30694	56312.30859	504928.6	5410460.4
T10460.0	504929.5	5410460.4	75335.10156	392.60	0	48.847095	-86.932809	56423.05	56246.7	3.29	56426.34	56426.33984	56314.25033	56314.25000	504929.5	5410460.4
T10460.0	504929.5	5410460.4	75335.20313	393.19	0	48.847095	-86.932809	56424.17	56246.7	3.29	56427.46	56427.46094	56315.74628	56315.74609	504929.5	5410460.4
T10460.0	504930.7	5410460.5	75335.29688	394.41	0	48.847095	-86.932794	56425.34	56246.7	3.29	56428.64	56428.64063	56318.47259	56318.47266	504930.7	5410460.5
T10460.0	504932.0	5410460.5	75335.39844	392.19	0	48.847095	-86.932776	56426.44	56246.7	3.29	56429.73	56429.73047	56318.84646	56318.84766	504932.0	5410460.5
T10460.0	504933.1	5410460.5	75335.50000	389.19	0	48.847095	-86.932760	56427.82	56246.7	3.30	56431.12	56431.12109	56326.19783	56326.19922	504933.1	5410460.5
T10460.0	504933.1	5410460.5	75335.50000	390.89	0	48.847095	-86.932760	56428.66	56246.7	3.30	56431.96	56431.96094	56320.20555	56320.20703	504933.1	5410460.5
T10460.0	504934.4	5410460.5	75335.60156	392.23	0	48.847095	-86.932742	56429.86	56246.7	3.30	56433.15	56433.14844	56322.39504	56322.39453	504934.4	5410460.5
T10460.0	504935.7	5410460.5	75335.79688	392.63	0	48.847095	-86.932725	56431.14	56246.7	3.30	56434.44	56434.44141	56326.79273	56326.79297	504935.7	5410460.5
T10460.0	504936.8	5410460.5	75335.89844	395.74	0	48.847095	-86.932710	56432.21	56246.7	3.30	56435.51	56435.51172	56325.75130	56325.75000	504936.8	5410460.5
T10460.0	504936.8	5410460.5	75336.00000	395.84	0	48.847095	-86.932710	56433.38	56246.7	3.30	56436.68	56436.67969	56326.92736	56326.92578	504936.8	5410460.5
T10460.0	504938.0	5410460.5	75336.10156	396.05	0	48.847095	-86.932694	56434.64	56246.7	3.30	56437.94	56437.94141	56330.08660	56330.08594	504938.0	5410460.5
T10460.0	504938.0	5410460.5	75336.20313	395.22	0	48.847095	-86.932694	56435.86	56246.7	3.30	56439.16	56439.16016	56332.12533	56332.12500	504938.0	5410460.5
T10460.0	504939.5	5410460.5	75336.29688	395.87	0	48.847095	-86.932673	56436.86	56246.7	3.30	56440.16	56440.16016	56328.74432	56328.74609	504939.5	5410460.5
T10460.0	504940.7	5410460.5	75336.39844	394.94	0	48.847095	-86.932657	56438.26	56246.7	3.30	56441.56	56441.55859	56334.77428	56334.77344	504940.7	5410460.5
T10460.0	504941.8	5410460.5	75336.50000	393.82	0	48.847095	-86.932642	56439.45	56246.7	3.31	56442.76	56442.76172	56335.87300	56335.87109	504941.8	5410460.5
T10460.0	504943.0	5410460.5	75336.60156	390.30	0	48.847095	-86.932626	56440.78	56246.7	3.31	56444.09	56444.08984	56339.93681	56339.93750	504943.0	5410460.5
T10460.0	504943.0	5410460.5	75336.70313	388.87	0	48.847095	-86.932626	56442.04	56246.7	3.31	56445.34	56445.33984	56341.94946	56341.94922	504943.0	5410460.5
T10460.0	504944.4	5410460.5	75336.79688	388.98	0	48.847095	-86.932606	56443.34	56246.7	3.31	56446.64	56446.64063	56345.02496	56345.02344	504944.4	5410460.5
T10460.0	504945.6	5410460.5	75336.89844	386.62	0	48.847095	-86.932590	56444.69	56246.7	3.31	56448.00	56448.00000	56349.40794	56349.40625	504945.6	5410460.5
T10460.0	504946.9	5410460.5	75337.00000	387.02	0	48.847095	-86.932573	56446.09	56246.7	3.31	56449.40	56449.39844	56354.62572	56354.62500	504946.9	5410460.5
T10460.0	504946.9	5410460.5	75337.10156	387.84	0	48.847095	-86.932573	56447.42	56246.7	3.31	56450.72	56450.71875	56357.81445	56357.81250	504946.9	5410460.5
T10460.0	504948.3	5410460.5	75337.20313	388.95	0	48.847096	-86.932553	56448.92	56246.7	3.30	56452.22	56452.21875	56365.19704	56365.19531	504948.3	5410460.5
T10460.0	504948.3	5410460.5	75337.29688	392.80	0	48.847096	-86.932553	56450.48	56246.7	3.29	56453.77	56453.76953	56373.67064	56373.67188	504948.3	5410460.5
T10460.0	504949.7	5410460.6	75337.39844	397.67	0	48.847096	-86.932534	56451.63	56246.7	3.29	56454.92	56454.92188	56372.48057	56372.48047	504949.7	5410460.6
T10460.0	504950.9	5410460.6	75337.50000	397.62	0	48.847096	-86.932518	56452.73	56246.7	3.29	56456.01	56456.01172	56369.76286	56369.76172	504950.9	5410460.6
T10460.0	504952.5	5410460.6	75337.50000	397.71	0	48.847096	-86.932497	56454.08	56246.7	3.29	56457.36	56457.35938	56373.17536	56373.17578	504952.5	5410460.6
T10460.0	504953.3	5410460.6	75337.60156	396.39	0	48.847096	-86.932485	56455.58	56246.7	3.28	56458.86	56458.85938	56380.09371	56380.09375	504953.3	5410460.6
T10460.0	504953.3	5410460.6	75337.79688	395.34	0	48.847096	-86.932485	56457.17	56246.7	3.27	56460.44	56460.44141	56388.85007	56388.85156	504953.3	5410460.6
T10460.0	504954.7	5410460.7	75337.89844	394.94	0	48.847097	-86.932466	56458.68	56246.7	3.26	56461.94	56461.94141	56395.62452	56395.62500	504954.7	5410460.7
T10460.0	504956.2	5410460.7	75338.00000	393.45	0	48.847097	-86.932446	56459.97	56246.7	3.26	56463.23	56463.23047	56397.31456	56397.31641	504956.2	5410460.7
T10460.0	504957.9	5410460.7	75338.10156	394.05	0	48.847097	-86.932422	56461.61	56246.7	3.26	56464.87	56464.87109	56407.31721	56407.31641	504957.9	5410460.7
T10460.0	504957.9	5410460.7	75338.20313	394.54	0	48.847097	-86.932422	56462.98	56246.7	3.27	56466.25	56466.25000	56411.05211	56411.05078	504957.9	5410460.7
T10460.0	504959.0	5410460.7	75338.29688	395.17	0	48.847097	-86.932407	56464.44	56246.7	3.27	56467.71	56467.71094	56416.65564	56416.65625	504959.0	5410460.7
T10460.0	504960.3	5410460.8	75338.39844	396.72	0	48.847097	-86.932390	56465.74	56246.7	3.27	56469.01	56469.01172	56418.39505	56418.39453	504960.3	5410460.8
T10460.0	504960.3	5410460.8	75338.50000	394.89	0	48.847097	-86.932390	56467.02	56246.7	3.28	56470.29	56470.28906	56419.62428	56419.62500	504960.3	5410460.8
T10460.0	504961.3	5410460.8	75338.50000	393.87	0	48.847097	-86.932376	56468.40	56246.7	3.28	56471.67	56471.67188	56423.21903	56423.21875	504961.3	5410460.8

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
T10460.0	504962.5	5410460.8	75338.70313	395.33	0	48.847097	-86.932360	56469.95	56246.7	3.28	56473.23	56473.23047	56431.09853	56431.09766	504962.5	5410460.8
T10460.0	504963.7	5410460.8	75338.79688	398.02	0	48.847097	-86.932343	56471.05	56246.7	3.28	56474.33	56474.32813	56427.96519	56427.96484	504963.7	5410460.8
T10460.0	504963.7	5410460.8	75338.89844	400.68	0	48.847097	-86.932343	56472.71	56246.7	3.29	56475.99	56475.98828	56438.21577	56438.21484	504963.7	5410460.8
T10460.0	504965.2	5410460.8	75339.00000	399.95	0	48.847097	-86.932323	56473.96	56246.7	3.29	56477.25	56477.25000	56438.90074	56438.90234	504965.2	5410460.8
T10460.0	504966.4	5410460.8	75339.10156	399.89	0	48.847097	-86.932306	56475.59	56246.7	3.29	56478.89	56478.89063	56448.67793	56448.67969	504966.4	5410460.8
T10460.0	504967.7	5410460.8	75339.20313	400.48	0	48.847097	-86.932289	56476.87	56246.7	3.30	56480.16	56480.16016	56449.61938	56449.62109	504967.7	5410460.8
T10460.0	504967.7	5410460.8	75339.29688	398.65	0	48.847097	-86.932289	56478.30	56246.7	3.30	56481.60	56481.60156	56454.64394	56454.64453	504967.7	5410460.8
T10460.0	504969.6	5410460.8	75339.39844	398.87	0	48.847097	-86.932263	56479.86	56246.7	3.30	56483.16	56483.16016	56462.56221	56462.56250	504969.6	5410460.8
T10460.0	504971.0	5410460.8	75339.50000	397.61	0	48.847097	-86.932243	56481.36	56246.7	3.31	56484.66	56484.66016	56469.07618	56469.07813	504971.0	5410460.8
T10460.0	504971.0	5410460.8	75339.50000	397.82	0	48.847097	-86.932243	56482.79	56246.7	3.31	56486.09	56486.08984	56473.95291	56473.95313	504971.0	5410460.8
T10460.0	504972.5	5410460.8	75339.60156	396.51	0	48.847097	-86.932223	56483.96	56246.7	3.31	56487.27	56487.26953	56472.89432	56472.89453	504972.5	5410460.8
T10460.0	504973.8	5410460.8	75339.79688	393.32	0	48.847097	-86.932205	56485.63	56246.7	3.31	56488.94	56488.94141	56483.60162	56483.60156	504973.8	5410460.8
T10460.0	504973.8	5410460.8	75339.89844	393.82	0	48.847097	-86.932205	56486.67	56246.7	3.32	56489.99	56489.98828	56479.53827	56479.53906	504973.8	5410460.8
T10460.0	504975.5	5410460.8	75340.00000	396.23	0	48.847098	-86.932182	56488.58	56246.7	3.32	56491.90	56491.89844	56496.10048	56496.10156	504975.5	5410460.8
T10460.0	504976.5	5410460.8	75340.10156	395.59	0	48.847098	-86.932169	56489.73	56246.7	3.32	56493.05	56493.05078	56494.55639	56494.55469	504976.5	5410460.8
T10460.0	504976.5	5410460.8	75340.20313	395.80	0	48.847098	-86.932169	56491.80	56246.7	3.31	56495.11	56495.10938	56514.84544	56514.84375	504976.5	5410460.8
T10460.0	504978.3	5410460.8	75340.29688	394.35	0	48.847098	-86.932145	56492.92	56246.7	3.31	56496.23	56496.23047	56512.73587	56512.73438	504978.3	5410460.8
T10460.0	504979.4	5410460.9	75340.39844	395.09	0	48.847098	-86.932129	56494.45	56246.7	3.31	56497.76	56497.76172	56520.51509	56520.51563	504979.4	5410460.9
T10460.0	504980.7	5410460.9	75340.50000	393.43	0	48.847098	-86.932111	56495.93	56246.7	3.31	56499.24	56499.23828	56527.18930	56527.18750	504980.7	5410460.9
T10460.0	504980.7	5410460.9	75340.60156	390.92	0	48.847098	-86.932111	56497.31	56246.7	3.30	56500.62	56500.62109	56531.56863	56531.57031	504980.7	5410460.9
T10460.0	504982.2	5410460.9	75340.60156	388.29	0	48.847098	-86.932091	56498.92	56246.7	3.30	56502.22	56502.21875	56541.31072	56541.31250	504982.2	5410460.9
T10460.0	504983.8	5410460.9	75340.79688	389.04	0	48.847099	-86.932070	56500.35	56246.7	3.30	56503.64	56503.64063	56546.85631	56546.85547	504983.8	5410460.9
T10460.0	504985.1	5410460.9	75340.89844	389.01	0	48.847099	-86.932051	56501.98	56246.7	3.29	56505.27	56505.26953	56557.53675	56557.53516	504985.1	5410460.9
T10460.0	504985.1	5410460.9	75341.00000	389.89	0	48.847099	-86.932051	56503.31	56246.7	3.29	56506.60	56506.60156	56561.16230	56561.16406	504985.1	5410460.9
T10460.0	504986.5	5410460.9	75341.10156	390.47	0	48.847099	-86.932032	56504.79	56246.7	3.29	56508.08	56508.07813	56568.49892	56568.50000	504986.5	5410460.9
T10460.0	504987.9	5410460.9	75341.20313	390.18	0	48.847099	-86.932013	56506.20	56246.7	3.29	56509.49	56509.48828	56574.29128	56574.29297	504987.9	5410460.9
T10460.0	504987.9	5410460.9	75341.29688	389.21	0	48.847099	-86.932013	56507.24	56246.7	3.29	56510.53	56510.53125	56571.37100	56571.37109	504987.9	5410460.9
T10460.0	504989.4	5410461.0	75341.39844	390.82	0	48.847099	-86.931993	56508.82	56246.7	3.29	56512.11	56512.10938	56581.50344	56581.50391	504989.4	5410461.0
T10460.0	504989.4	5410461.0	75341.50000	392.59	0	48.847099	-86.931993	56510.10	56246.7	3.29	56513.39	56513.39063	56584.60745	56584.60938	504989.4	5410461.0
T10460.0	504990.8	5410461.0	75341.50000	391.55	0	48.847099	-86.931974	56512.09	56246.7	3.29	56515.38	56515.37891	56604.83947	56604.83984	504990.8	5410461.0
T10460.0	504992.2	5410461.0	75341.60156	391.96	0	48.847099	-86.931955	56513.36	56246.7	3.30	56516.66	56516.66016	56608.24903	56608.25000	504992.2	5410461.0
T10460.0	504993.7	5410461.0	75341.70313	390.96	0	48.847099	-86.931935	56514.82	56246.7	3.30	56518.12	56518.12109	56616.12295	56616.12109	504993.7	5410461.0
T10460.0	504993.7	5410461.0	75341.89844	390.73	0	48.847099	-86.931935	56515.96	56246.7	3.30	56519.26	56519.26172	56616.50987	56616.51172	504993.7	5410461.0
T10460.0	504994.9	5410461.0	75342.00000	389.63	0	48.847100	-86.931918	56517.07	56246.7	3.30	56520.37	56520.37109	56616.34905	56616.34766	504994.9	5410461.0
T10460.0	504996.1	5410461.0	75342.10156	389.58	0	48.847100	-86.931902	56518.41	56246.7	3.30	56521.71	56521.71094	56621.86229	56621.86328	504996.1	5410461.0
T10460.0	504997.9	5410461.1	75342.20313	389.09	0	48.847100	-86.931878	56519.77	56246.7	3.30	56523.07	56523.07031	56628.03252	56628.03125	504997.9	5410461.1
T10460.0	504998.5	5410461.1	75342.29688	389.95	0	48.847100	-86.931869	56521.13	56246.7	3.30	56524.43	56524.42969	56634.38590	56634.38672	504998.5	5410461.1
T10460.0	504998.5	5410461.1	75342.39844	391.15	0	48.847100	-86.931869	56522.40	56246.7	3.30	56525.70	56525.69922	56638.77465	56638.77344	504998.5	5410461.1
T10460.0	504999.7	5410461.1	75342.50000	389.10	0	48.847100	-86.931852	56523.32	56246.7	3.30	56526.62	56526.62109	56634.98579	56634.98438	504999.7	5410461.1
T10460.0	505001.2	5410461.1	75342.50000	387.16	0	48.847100	-86.931833	56524.57	56246.7	3.30	56527.87	56527.87109	56639.28376	56639.28516	505001.2	5410461.1
T10460.0	505001.2	5410461.1	75342.70313	388.77	0	48.847100	-86.931833	56525.71	56246.7	3.30	56529.01	56529.01172	56641.15118	56641.15234	505001.2	5410461.1
T10460.0	505002.5	5410461.2	75342.79688	392.00	0	48.847101	-86.931814	56527.04	56246.7	3.30	56530.34	56530.33984	56647.76563	56647.76563	505002.5	5410461.2
T10460.0	505004.0	5410461.2	75342.89844	392.41	0	48.847101	-86.931794	56528.22	56246.7	3.30	56531.52	56531.51953	56651.00073	56651.00000	505004.0	5410461.2
T10460.0	505005.2	5410461.2	75343.00000	392.33	0	48.847101	-86.931778	56529.18	56246.7	3.30	56532.48	56532.48047	56649.18630	56649.18750	505005.2	5410461.2
T10460.0	505005.2	5410461.2	75343.10156	394.71	0	48.847101	-86.931778	56530.70	56246.7	3.30	56534.00	56534.00000	56660.97749	56660.97656	505005.2	5410461.2
T10460.0	505006.7	5410461.3	75343.20313	394.08	0	48.847102	-86.931758	56532.04	56246.7	3.30	56535.35	56535.35156	56668.92181	56668.92188	505006.7	5410461.3
T10460.0	505008.3	5410461.3	75343.29688	394.64	0	48.847102	-86.931736	56533.60	56246.7	3.31	56536.91	56536.91016	56682.10927	56682.10938	505008.3	5410461.3
T10460.0	505009.9	5410461.4	75343.39844	392.93	0	48.847103	-86.931714	56534.26	56246.7	3.31	56537.57	56537.57031	56674.00050	56674.00000	505009.9	5410461.4
T10460.0	505009.9	5410461.4	75343.50000	392.15	0	48.847103	-86.931714	56535.44	56246.7	3.31	56538.75	56538.75000	56678.55405	56678.55469	505009.9	5410461.4
T10460.0	505010.8	5410461.4	75343.50000	392.69	0	48.847103	-86.931701	56536.20	56246.7	3.31	56539.51	56539.51172	56673.29539	56673.29688	505010.8	5410461.4
T10460.0	505011.9	5410461.5	75343.60156	394.12	0	48.847103	-86.931686	56537.18	56246.7	3.31	56540.49	56540.48828	56673.53128	56673.53125	505011.9	5410461.5
T10460.0	505013.1	5410461.5	75343.70313	393.89	0	48.847104	-86.931670	56538.40	56246.7	3.31	56541.71	56541.71094	56679.74275	56679.74219	505013.1	5410461.5
T10460.0	505013.1	5410461.5	75343.89844	394.39	0	48.847104	-86.931670	56539.19	56246.7	3.32	56542.51	56542.51172	56676.15036	56676.14844	505013.1	5410461.5
T10460.0	505014.6	5410461.5	75344.00000	395.97	0	48.847104	-86.931650	56540.72	56246.7	3.32	56544.04	56544.03906	56690.25578	56690.25391	505014.6	5410461.5
T10460.0	505016.0	5410461.6	75344.10156	395.94	0	48.847104	-86.931631	56541.41	56246.7	3.32	56544.73	56544.73047	56684.51917	56684.51953	505016.0	5410461.6
T10460.0	505016.0	5410461.6	75344.20313	393.84	0	48.847104	-86.931631	56542.74	56246.7	3.31	56546.05	56546.05078	56694.09388	56694.09375	505016.0	5410461.6
T10460.0	505017.2	5410461.6	75344.29688	393.55	0	48.847104	-86.931614	56543.81	56246.7	3.31	56547.12	56547.12109	56697.93932	56697.93750	505017.2	5410461.6
T10460.0	505018.5	5410461.6	75344.39844	394.44	0	48.847104	-86.931597	56544.84	56246.7	3.31	56548.14	56548.14063	56700.84003	56700.83984	505018.5	5410461.6
T10460.0	505019.8	5410461.6	75344.50000	395.86	0	48.847104	-86.931578	56545.54	56246.7	3.31	56548.85	56548.85156	56696.58076	56696.58203	505019.8	5410461.6
T10460.0	505019.8	5410461.6	75344.50000	394.73	0	48.847104	-86.931578	56545.93	56246.7	3.31	56549.23	56549.23047	56684.68513	56684.68359	505019.8	5410461.6
T10460.0	505021.4	5410461.6	75344.70313	394.59	0	48.847104	-86.931557	56547.18	56246.7	3.30	56550.47	56550.46875	56693.61046	56693.60938	505021.4	5410461.6
T10460.0	505022.6	5410461.6	75344.79688	393.03	0	48.847104	-86.931541	56547.54	56246.7	3.30	56550.83	56550.82813	56681.75100	56681.75000	505022.6	5410461.6
T10460.0	505022.6	5410461.6	75344.89844	393.25	0	48.847104	-86.931541	56548.61	56246.7	3.29	56551.90	56551.89844	56687.12876	56687.12891	505022.6	5410461.6
T10460.0	505023.9	5410461.6	75345.00000	394.33	0	48.847104	-86.931523	56549.20	56246.7	3.29	56552.49	56552.48828	56681.28951	56681.28906	505023.9	5410461.6
T10460.0	505025.3	5410461.6	75345.10156	394.79	0	48.847105	-86.931504	56550.24	56246.7	3.29	56553.53	56553.53125	56686.47291	56686.47266	505025.3	5410461.6
T10460.0	505026.2	5410461.6	75345.20313	393.54	0	48.847105	-86.931492	56550.73	56246.7	3.29	56554.02	56554.01953	56678.76784	56678.76953	505026.2	5410461.6
T10460.0	505026.2	5410461.6	75345.29688	394.07	0	48.847105	-86.931492	56551.46	56246.7	3.29	56554.75	56554.75000	56677.06600	56677.06641	505026.2	5410461.6
T10460.0	505027.5	5410461.6	75345.39844	393.74	0	48.847105	-86.931474	56552.48	56246.7	3.29	56555.77	56555.76953	56682.56392	56682.56250	505027.5	5410461.6
T10460.0	505028.8	5410461.6	75345.50000	391.49	0	48.847105	-86.931456	56552.85	56246.7	3.29	56556.14	56556.14063	56672.78486	56672.78516	505028.8	5410461.6
T10460.0	505028.8	5410461.6	75345.50000	390.83	0	48.847105	-86.931456	56553.79	56246.7	3.29	56557.08	56557.07813	56676.90246	56676.90234	505028.8	5410461.6
T10460.0	505029.9	5410461.7	75345.60156	390.85	0	48.847105	-86.931442	56554.45	56246.7	3.30	56557.75	56557.75000	56674.83097	56674.83203	505029.9	5410461.7
T10460.0	505031.0	5410461.7	75345.70313	391.31	0	48.847105	-86.931426	56555.38	56246.7	3.30	56558.67	56558.67188	56679.00522	56679.00391	505031.0	5410461.7
T10460.0	505031.0	5410461.7	75345.89844	391.21	0	48.847105	-86.931426	56555.73	56246.7	3.30	56559.03	56559.03125	56670.05662	56670.05469	505031.0	5410461.7
T10460.0	505032.0	5410461.7	75346.00000	393.10	0	48.847105	-86.931412	56556.46	56246.7	3.30	56559.76	56559.76172	56670.22379	56670.22266	505032.0	5410461.7
T10460.0	505033.1	5410461.7	75346.10156	393.16	0	48.847105	-86.931398	56557.16	56246.7	3.30	56560.46	56560.46094	56669.94193	56669.94141	505033.1	5410461.7
T10460.0	505034.1	5410461.7	75346.20313	393.09	0	48.847105	-86.931383	56557.92	56246.7	3.30	56561.22	56561.21875	56671.36316	56671.36328	505034.1	5410461.7
T10460.0	505034.1	5410461.7	75346.29688	392.51	0	48.847105	-86.931383	56558.64	56246.7	3.30	56561.94	56561.94141	56672.09615	56672.09766	505034.1	5410461.7
T10460.0	505035.6	5410461.7	75346.39844	393.72	0	48.847105	-86.931363	56559.30	56246.7	3.30	56562.60	56562.60156	56671.66242	56671.66406	505035.6	5410461.7
T10460.0	505036.7	5410461.7	75346.50000	393.57	0	48.847105	-86.931349	56560.02	56246.7	3.30	56563.32	56563.32031	56672.93113	56672.92969	505036.7	5410461.7
T10460.0	505037.5	5410461.7	75346.50000	394.12	0	48.847105	-86.931338	56560.24	56246.7	3.30	56563.54	56563.53906	56662.51099	56662.51172	505037.5	5410461.7
T10460.0	505037.5	5410461.7	75346.70313	394.91	0	48.847105	-86.931338	56560.63	56246.7	3.30	56563.93	56563.92969	56656.42267	56656.42188	505037.5	5410461.7
T10460.0	505038.5	5410461.7	75346.79688	394.41	0	48.847105	-86.931324	56560.70	56246.7	3.30	56564.00	56564.00000	56642.94854	56642.94922	505038.5	5410461.7
T10460.0	505039.4	5410461.7	75346.89844	393.42	0	48.847105	-86.931312	56561.45	56246.7	3.30	56564.75	56564.75000	56646.00012	56646.00000	505039.4	5410461.7
T10460.0	505039.4	5410461.7	75347.00000	393.37	0	48.847105	-86.931312	56561.98	56246.7	3.30	56565.28	56565.28125	56644.05552	56644.05469	505039.4	5410461.7
T10460.0	505040.7	5410461.7	75347.10156	394.04	0	48.847105	-86.931294	56562.67	56246.7	3.30	56565.97	56565.96875	56646.20048	56646.19922	505040.7	5410461.7
T10460.0	505041.7	5410461.7	75347.20313	394.31	0	48.847105	-86.931280	56563.20	56246.7	3.30	56566.50	56566.50000	56644.78202	56644.78125	505041.7	5410461.7
T10460.0	505041.7	5410461.7	75347.29688	393.39	0	48.847105	-86.931280	56563.95	56246.7	3.30	56567.24	56567.23828	56648.64655	56648.64844	505041.7	5410461.7
T10460.0	505042.7	5410461.6	75347.39844	395.55	0	48.847105	-86.931267	56564.50	56246.7	3.30	56567.80	56567.80078	56648.46706	56648.46875	505042.7	5410461.6
T10460.0	505043.8	5410461.6	75347.50000	392.59	0	48.847105	-86.931252	56564.62	56246.7	3.29	56567.91	56567.91016	56637.78590	56637.78516	505043.8	5410461.6
T10460.0	505044.9	5410461.6	75347.50000	391.88	0	48.847104	-86.931237	56565.22	56246.7	3.29	56568.51	56568.51172	56639.07920	56639.07813	505044.9	5410461.6
T10460.0	505044.9	5410461.6	75347.60156	391.70	0	48.847104	-86.931237	56565.50	56246.7	3.29	56568.79	56568.78906	56632.97651	56632.97656	505044.9	5410461.6
T10460.0	505046.0	5410461.6	75347.70313	389.81	0	48.847104	-86.931221	56565.94	56246.7	3.29	56569.23	56569.23047	56630.95410	56630.95313	505046.0	5410461.6
T10460.0	505046.0	5410461.6	75347.89844	390.63	0	48.847104	-86.931221	56566.32	56246.7	3.29	56569.61	56569.60938	56627.74961	56627.75000	505046.0	5410461.6

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
T10460.0	505046.8	5410461.5	75348.00000	392.19	0	48.847104	-86.931210	56566.73	56246.7	3.29	56570.02	56570.01953	56625.51336	56625.51172	505046.8	5410461.5
T10460.0	505047.6	5410461.5	75348.10156	393.38	0	48.847103	-86.931199	56567.34	56246.7	3.29	56570.63	56570.62891	56628.30858	56628.30859	505047.6	5410461.5
T10460.0	505048.7	5410461.5	75348.20313	391.87	0	48.847103	-86.931185	56567.92	56246.7	3.29	56571.21	56571.21094	56630.63351	56630.63281	505048.7	5410461.5
T10460.0	505048.7	5410461.5	75348.29688	393.38	0	48.847103	-86.931185	56568.41	56246.7	3.28	56571.69	56571.69141	56630.81226	56630.81250	505048.7	5410461.5
T10460.0	505049.5	5410461.4	75348.39844	394.00	0	48.847103	-86.931175	56568.64	56246.7	3.28	56571.92	56571.92188	56625.25589	56625.25781	505049.5	5410461.4
T10460.0	505050.1	5410461.4	75348.50000	394.69	0	48.847102	-86.931166	56569.07	56246.7	3.28	56572.35	56572.35156	56624.72274	56624.72266	505050.1	5410461.4
T10460.0	505050.1	5410461.4	75348.50000	394.88	0	48.847102	-86.931166	56569.41	56246.7	3.28	56572.69	56572.69141	56622.27600	56622.27734	505050.1	5410461.4
T10460.0	505051.1	5410461.3	75348.70313	394.88	0	48.847102	-86.931152	56570.04	56246.7	3.28	56573.31	56573.30859	56626.76087	56626.76172	505051.1	5410461.3
T10460.0	505051.9	5410461.3	75348.79688	394.55	0	48.847101	-86.931141	56570.58	56246.7	3.27	56573.86	56573.85938	56629.80566	56629.80469	505051.9	5410461.3
T10460.0	505051.9	5410461.3	75348.89844	394.82	0	48.847101	-86.931141	56571.09	56246.7	3.27	56574.36	56574.35938	56631.88613	56631.88672	505051.9	5410461.3
T10460.0	505052.8	5410461.2	75349.00000	396.42	0	48.847101	-86.931129	56571.27	56246.7	3.27	56574.54	56574.53906	56626.54343	56626.54297	505052.8	5410461.2
T10460.0	505053.7	5410461.1	75349.10156	396.16	0	48.847100	-86.931117	56571.63	56246.7	3.27	56574.90	56574.89844	56625.73108	56625.73047	505053.7	5410461.1
T10460.0	505053.7	5410461.1	75349.20313	396.14	0	48.847100	-86.931117	56571.63	56246.7	3.27	56574.90	56574.89844	56616.53378	56616.53516	505053.7	5410461.1
T10460.0	505054.6	5410461.1	75349.29688	394.53	0	48.847099	-86.931104	56572.12	56246.7	3.27	56575.39	56575.39063	56619.27421	56619.27344	505054.6	5410461.1
T10460.0	505054.6	5410461.1	75349.39844	394.04	0	48.847099	-86.931104	56572.42	56246.7	3.27	56575.69	56575.69141	56617.68922	56617.68750	505054.6	5410461.1
T10460.0	505055.4	5410461.0	75349.39844	395.44	0	48.847099	-86.931094	56572.72	56246.7	3.27	56575.99	56575.98828	56616.31930	56616.32031	505055.4	5410461.0
T10460.0	505056.2	5410461.0	75349.50000	397.13	0	48.847099	-86.931083	56573.32	56246.7	3.27	56576.59	56576.58984	56622.33518	56622.33594	505056.2	5410461.0
T10460.0	505056.2	5410461.0	75349.60156	407.61	0	48.847099	-86.931083	56573.82	56246.7	3.28	56577.10	56577.10156	56626.40812	56626.40625	505056.2	5410461.0
T10460.0	505057.0	5410460.9	75349.60156	407.61	0	48.847098	-86.931072	56573.64	56246.7	3.28	56576.92	56576.92188	56614.18771	56614.18750	505057.0	5410460.9
T10460.0	505057.7	5410460.9	75349.79688	405.61	0	48.847098	-86.931063	56573.87	56246.7	3.28	56577.15	56577.14844	56611.97438	56611.97266	505057.7	5410460.9
T10460.0	505057.7	5410460.9	75349.89844	405.61	0	48.847098	-86.931063	56574.16	56246.7	3.28	56577.43	56577.42969	56611.15656	56611.15625	505057.7	5410460.9
T10460.0	505058.3	5410460.9	75350.00000	406.81	0	48.847098	-86.931054	56574.48	56246.7	3.28	56577.76	56577.76172	56611.73107	56611.73047	505058.3	5410460.9
T10460.0	505059.0	5410460.9	75350.10156	405.72	0	48.847097	-86.931045	56575.00	56246.7	3.27	56578.27	56578.26953	56616.80329	56616.80469	505059.0	5410460.9
T10460.0	505059.4	5410460.8	75350.20313	406.19	0	48.847097	-86.931039	56575.23	56246.7	3.27	56578.49	56578.48828	56615.13116	56615.13281	505059.4	5410460.8
T10460.0	505059.4	5410460.8	75350.29688	407.22	0	48.847097	-86.931039	56575.58	56246.7	3.26	56578.84	56578.83984	56616.75452	56616.75391	505059.4	5410460.8
T10460.0	505060.2	5410460.8	75350.39844	407.14	0	48.847097	-86.931028	56575.71	56246.7	3.26	56578.96	56578.96094	56613.06161	56613.06250	505060.2	5410460.8
T10460.0	505060.9	5410460.8	75350.50000	406.12	0	48.847097	-86.931019	56576.04	56246.8	3.25	56579.29	56579.28906	56614.57042	56614.57031	505060.9	5410460.8
T10460.0	505060.9	5410460.8	75350.60156	406.08	0	48.847097	-86.931019	56576.32	56246.8	3.24	56579.56	56579.55859	56614.82121	56614.82031	505060.9	5410460.8
T10460.0	505061.5	5410460.8	75350.79688	402.94	0	48.847097	-86.931011	56576.81	56246.8	3.23	56580.04	56580.03906	56620.26682	56620.26563	505061.5	5410460.8
T10460.0	505062.0	5410460.7	75350.89844	400.16	0	48.847096	-86.931003	56577.01	56246.8	3.23	56580.24	56580.23828	56619.18673	56619.18750	505062.0	5410460.7
T10460.0	505062.0	5410460.7	75351.00000	401.08	0	48.847096	-86.931003	56577.17	56246.8	3.22	56580.39	56580.39063	56617.07725	56617.07813	505062.0	5410460.7
T10460.0	505062.7	5410460.7	75351.10156	401.23	0	48.847096	-86.930994	56577.37	56246.8	3.22	56580.59	56580.58984	56616.32604	56616.32422	505062.7	5410460.7
T10460.0	505063.2	5410460.7	75351.20313	403.05	0	48.847096	-86.930987	56577.52	56246.8	3.22	56580.74	56580.73828	56614.53829	56614.53906	505063.2	5410460.7
T10460.0	505063.8	5410460.6	75351.29688	402.15	0	48.847095	-86.930979	56577.83	56246.8	3.22	56581.05	56581.05078	56616.73196	56616.73047	505063.8	5410460.6
T10460.0	505063.8	5410460.6	75351.39844	401.42	0	48.847095	-86.930979	56578.39	56246.8	3.22	56581.61	56581.60938	56625.05552	56625.05469	505063.8	5410460.6
T10460.0	505064.2	5410460.6	75351.50000	402.22	0	48.847095	-86.930973	56578.82	56246.8	3.22	56582.04	56582.03906	56630.41866	56630.41797	505064.2	5410460.6
T10460.0	505064.7	5410460.6	75351.50000	404.34	0	48.847095	-86.930966	56579.29	56246.8	3.22	56582.51	56582.51172	56636.88279	56636.88281	505064.7	5410460.6
T10460.0	505064.7	5410460.6	75351.60156	395.93	0	48.847095	-86.930966	56579.38	56246.8	3.22	56582.60	56582.60156	56634.40107	56634.40234	505064.7	5410460.6
T10460.0	505065.4	5410460.5	75351.70313	394.68	0	48.847095	-86.930957	56579.43	56246.8	3.22	56582.65	56582.64844	56631.09998	56631.10156	505065.4	5410460.5
T10460.0	505065.9	5410460.5	75351.89844	403.43	0	48.847094	-86.930950	56579.39	56246.8	3.22	56582.61	56582.60938	56625.78017	56625.78125	505065.9	5410460.5
T10460.0	505065.9	5410460.5	75352.00000	404.00	0	48.847094	-86.930950	56579.71	56246.8	3.22	56582.93	56582.92969	56629.19845	56629.19922	505065.9	5410460.5
T10460.0	505066.4	5410460.5	75352.00000	405.11	0	48.847094	-86.930944	56580.15	56246.8	3.22	56583.37	56583.37109	56635.61213	56635.61328	505066.4	5410460.5
T10460.0	505066.4	5410460.5	75352.20313	405.66	0	48.847094	-86.930944	56580.38	56246.8	3.22	56583.60	56583.60156	56637.12643	56637.12500	505066.4	5410460.5
T10460.0	505066.9	5410460.5	75352.29688	403.60	0	48.847094	-86.930937	56580.54	56246.8	3.22	56583.76	56583.76172	56637.08532	56637.08594	505066.9	5410460.5
T10460.0	505067.3	5410460.4	75352.39844	405.55	0	48.847094	-86.930931	56580.38	56246.8	3.22	56583.60	56583.60156	56629.50699	56629.50781	505067.3	5410460.4
T10460.0	505067.3	5410460.4	75352.50000	392.92	0	48.847094	-86.930931	56580.58	56246.8	3.22	56583.80	56583.80078	56630.64803	56630.64844	505067.3	5410460.4
T10460.0	505067.7	5410460.4	75352.50000	393.19	0	48.847094	-86.930926	56580.78	56246.8	3.22	56584.00	56584.00000	56631.89628	56631.89453	505067.7	5410460.4
T10460.0	505068.0	5410460.4	75352.70313	402.31	0	48.847093	-86.930922	56581.07	56246.8	3.22	56584.29	56584.28906	56635.40010	56635.39844	505068.0	5410460.4
T10460.0	505068.0	5410460.4	75352.79688	402.66	0	48.847093	-86.930922	56581.13	56246.8	3.22	56584.35	56584.35156	56633.50383	56633.50391	505068.0	5410460.4
T10460.0	505068.3	5410460.4	75352.89844	402.80	0	48.847093	-86.930917	56581.02	56246.8	3.22	56584.24	56584.23828	56627.63847	56627.63672	505068.3	5410460.4
T10460.0	505068.6	5410460.4	75353.00000	406.02	0	48.847093	-86.930913	56581.25	56246.8	3.22	56584.47	56584.46875	56629.99557	56629.99609	505068.6	5410460.4
T10460.0	505069.0	5410460.4	75353.10156	407.08	0	48.847093	-86.930908	56581.33	56246.8	3.22	56584.55	56584.55078	56628.85441	56628.85547	505069.0	5410460.4
T10460.0	505069.0	5410460.4	75353.20313	409.14	0	48.847093	-86.930908	56581.61	56246.8	3.22	56584.82	56584.82031	56632.34146	56632.33984	505069.0	5410460.4
T10460.0	505069.4	5410460.4	75353.29688	405.96	0	48.847093	-86.930903	56581.58	56246.8	3.22	56584.80	56584.80078	56628.97515	56628.97656	505069.4	5410460.4
T10460.0	505069.6	5410460.4	75353.39844	404.60	0	48.847093	-86.930900	56581.70	56246.8	3.22	56584.92	56584.92188	56629.03411	56629.03516	505069.6	5410460.4
T10460.0	505069.8	5410460.4	75353.50000	405.77	0	48.847093	-86.930897	56581.79	56246.8	3.21	56585.00	56585.00000	56628.21049	56628.21094	505069.8	5410460.4
T10460.0	505069.8	5410460.4	75353.50000	405.50	0	48.847093	-86.930897	56582.09	56246.8	3.21	56585.30	56585.30078	56632.71785	56632.71875	505069.8	5410460.4
T10460.0	505070.1	5410460.3	75353.60156	403.77	0	48.847093	-86.930893	56582.34	56246.8	3.21	56585.56	56585.55859	56636.33541	56636.33594	505070.1	5410460.3
T10460.0	505070.4	5410460.3	75353.70313	404.42	0	48.847093	-86.930890	56582.25	56246.8	3.21	56585.46	56585.46094	56631.40767	56631.40625	505070.4	5410460.3
T10460.0	505070.4	5410460.3	75353.89844	405.92	0	48.847093	-86.930890	56582.32	56246.8	3.21	56585.53	56585.53125	56630.60460	56630.60547	505070.4	5410460.3
T10460.0	505070.6	5410460.3	75354.00000	397.00	0	48.847093	-86.930886	56582.29	56246.8	3.21	56585.50	56585.50000	56627.46636	56627.46484	505070.6	5410460.3
T10460.0	505070.6	5410460.3	75354.10156	396.42	0	48.847093	-86.930886	56582.50	56246.8	3.21	56585.70	56585.69922	56629.88052	56629.87891	505070.6	5410460.3
T10460.0	505070.8	5410460.3	75354.20313	405.66	0	48.847093	-86.930883	56582.73	56246.8	3.20	56585.93	56585.92969	56633.06119	56633.06250	505070.8	5410460.3
T10460.0	505071.0	5410460.3	75354.29688	404.61	0	48.847092	-86.930881	56582.81	56246.8	3.19	56586.01	56586.01172	56632.70073	56632.69922	505071.0	5410460.3
T10460.0	505071.1	5410460.3	75354.39844	401.72	0	48.847092	-86.930879	56582.57	56246.8	3.19	56585.76	56585.76172	56624.49156	56624.49219	505071.1	5410460.3
T10460.0	505071.1	5410460.3	75354.50000	394.43	0	48.847092	-86.930879	56582.47	56246.8	3.18	56585.65	56585.64844	56619.66910	56619.66797	505071.1	5410460.3
T10460.0	505071.2	5410460.3	75354.50000	397.83	0	48.847092	-86.930878	56582.22	56246.8	3.18	56585.40	56585.39844	56611.53462	56611.53516	505071.2	5410460.3
T10460.0	505071.2	5410460.3	75354.70313	408.05	0	48.847092	-86.930878	56582.12	56246.8	3.18	56585.30	56585.30078	56607.01942	56607.01953	505071.2	5410460.3
T10460.0	505071.3	5410460.3	75354.79688	407.76	0	48.847092	-86.930876	56582.09	56246.8	3.17	56585.26	56585.26172	56603.96818	56603.96875	505071.3	5410460.3
T10460.0	505071.5	5410460.2	75354.89844	407.74	0	48.847092	-86.930875	56582.68	56246.8	3.17	56585.85	56585.85156	56616.00772	56616.00781	505071.5	5410460.2
T10460.0	505071.6	5410460.2	75355.00000	407.29	0	48.847092	-86.930873	56582.98	56246.8	3.16	56586.14	56586.14063	56620.89651	56620.89844	505071.6	5410460.2
T10460.0	505071.6	5410460.2	75355.10156	407.18	0	48.847092	-86.930873	56583.16	56246.8	3.16	56586.33	56586.32813	56623.41393	56623.41406	505071.6	5410460.2
T10460.0	505071.7	5410460.2	75355.20313	408.18	0	48.847092	-86.930871	56583.52	56246.8	3.16	56586.68	56586.67969	56629.77415	56629.77344	505071.7	5410460.2
T10460.0	505071.8	5410460.2	75355.29688	410.96	0	48.847092	-86.930870	56583.26	56246.8	3.17	56586.43	56586.42969	56621.80086	56621.80078	505071.8	5410460.2
T10460.0	505072.0	5410460.2	75355.39844	411.11	0	48.847092	-86.930867	56583.21	56246.8	3.17	56586.38	56586.37891	56618.62097	56618.62109	505072.0	5410460.2
T10460.0	505072.0	5410460.2	75355.50000	410.49	0	48.847092	-86.930867	56582.98	56246.8	3.17	56586.15	56586.14844	56611.14494	56611.14453	505072.0	5410460.2
T10460.0	505072.2	5410460.2	75355.50000	410.10	0	48.847092	-86.930864	56582.88	56246.8	3.17	56586.05	56586.05078	56606.78278	56606.78125	505072.2	5410460.2
T10460.0	505072.4	5410460.2	75355.60156	407.92	0	48.847092	-86.930861	56582.98	56246.8	3.17	56586.15	56586.14844	56607.20559	56607.20703	505072.4	5410460.2
T10460.0	505072.4	5410460.2	75355.70313	409.55	0	48.847092	-86.930861	56582.65	56246.8	3.17	56585.83	56585.82813	56597.58507	56597.58594	505072.4	5410460.2
T10460.0	505072.7	5410460.2	75355.89844	407.82	0	48.847091	-86.930858	56582.83	56246.8	3.18	56586.01	56586.01172	56599.91789	56599.91797	505072.7	5410460.2
T10460.0	505072.9	5410460.2	75356.00000	404.55	0	48.847091	-86.930854	56582.70	56246.8	3.18	56585.88	56585.87891	56594.83253	56594.83203	505072.9	5410460.2
T10460.0	505072.9	5410460.2	75356.10156	402.69	0	48.847091	-86.930854	56583.08	56246.8	3.18	56586.26	56586.26172	56601.93454	56601.93359	505072.9	5410460.2
T10460.0	505073.4	5410460.2	75356.20313	400.27	0	48.847091	-86.930849	56582.96	56246.8	3.18	56586.13	56586.12891	56596.83098	56596.83203	505073.4	5410460.2
T10460.0	505073.7	5410460.2	75356.29688	401.62	0	48.847091	-86.930845	56583.24	56246.8	3.17	56586.41	56586.41016	56601.51875	56601.51953	505073.7	5410460.2
T10460.0	505074.0	5410460.1	75356.39844	402.53	0	48.847091	-86.930840	56583.44	56246.8	3.17	56586.61	56586.60938	56604.27854	56604.27734	505074.0	5410460.1
T10460.0	505074.0	5410460.1	75356.50000	402.79	0	48.847091	-86.930840	56583.44	56246.8	3.17	56586.61	56586.60938	56602.23862	56602.23828	505074.0	5410460.1
T10460.0	505074.3	5410460.1	75356.50000	402.52	0	48.847091	-86.930836	56583.19	56246.8	3.17	56586.36	56586.35938	56594.20122	56594.20313	505074.3	5410460.1
T10460.0	505074.7	5410460.1	75356.70313	400.66	0	48.847090	-86.930831	56583.16	56246.8	3.17	56586.33	56586.32813	56591.40299	56591.40234	505074.7	5410460.1
T10460.0	505074.7	5410460.1	75356.79688	404.34	0	48.847090	-86.930831	56583.29	56246.8	3.16	56586.45	56586.44922	56592.16805	56592.16797	505074.7	5410460.1
T10460.0	505075.0	5410460.1	75356.89844	405.36	0	48.847090	-86.930827	56583.32	56246.8	3.16	56586.48	56586.48047	56590.75549	56590.75391	505075.0	5410460.1
T10460.0	505075.3	5410460.0	75357.00000	405.33	0	48.847090	-86.930822	56583.46	56246.8	3.16	56586.63	56586.62891	56592.18500	56592.18359	505075.3	5410460.0
T10460.0	505075.7	5410460.0	75357.10156	406.87	0	48.847090	-86.930817	56583.32	56246.8	3.16	56586.48	56586.48047	56586.41161	56586.41016	505075.7	5410460.0
T10460.0	505076.0	5410460.0	75357.20313	407.18	0	48.847090	-86.930812	56583.52	56246.8	3.16	56586.68	56586.67969	56588.97656	56588.97656	505076.0	5410460.0

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
T10460.0	505076.0	5410460.0	75357.29688	408.20	0	48.847090	-86.930812	56583.52	56246.8	3.16	56586.68	56586.67969	56586.72642	56586.72656	505076.0	5410460.0
T10460.0	505076.4	5410460.0	75357.39844	408.84	0	48.847090	-86.930807	56583.75	56246.8	3.16	56586.91	56586.91016	56589.94189	56589.94141	505076.4	5410460.0
T10460.0	505076.9	5410460.0	75357.50000	408.76	0	48.847090	-86.930801	56583.72	56246.8	3.16	56586.88	56586.87891	56586.90443	56586.90625	505076.9	5410460.0
T10460.0	505077.2	5410460.0	75357.50000	409.94	0	48.847090	-86.930797	56583.60	56246.8	3.16	56586.76	56586.76172	56581.67770	56581.67578	505077.2	5410460.0
T10460.0	505077.6	5410460.0	75357.60156	410.49	0	48.847090	-86.930791	56583.68	56246.8	3.16	56586.84	56586.83984	56581.19489	56581.19531	505077.6	5410460.0
T10460.0	505077.6	5410460.0	75357.70313	409.33	0	48.847090	-86.930791	56583.62	56246.8	3.16	56586.78	56586.78125	56577.32453	56577.32422	505077.6	5410460.0
T10460.0	505078.1	5410460.0	75357.89844	410.41	0	48.847090	-86.930785	56583.86	56246.8	3.16	56587.02	56587.01953	56580.58683	56580.58594	505078.1	5410460.0
T10460.0	505078.5	5410460.0	75358.00000	409.40	0	48.847090	-86.930779	56583.90	56246.8	3.16	56587.06	56587.05859	56579.02451	56579.02344	505078.5	5410460.0
T10460.0	505078.9	5410460.1	75358.10156	410.39	0	48.847090	-86.930773	56584.00	56246.8	3.16	56587.15	56587.14844	56578.61458	56578.61328	505078.9	5410460.1
T10460.0	505078.9	5410460.1	75358.20313	410.75	0	48.847090	-86.930773	56583.86	56246.8	3.16	56587.01	56587.01172	56572.66064	56572.66016	505078.9	5410460.1
T10460.0	505079.3	5410460.1	75358.29688	411.46	0	48.847090	-86.930768	56583.81	56246.8	3.16	56586.96	56586.96094	56568.81370	56568.81250	505079.3	5410460.1
T10460.0	505079.8	5410460.1	75358.39844	412.05	0	48.847091	-86.930760	56583.83	56246.8	3.16	56586.98	56586.98047	56566.59471	56566.59375	505079.8	5410460.1
T10460.0	505080.3	5410460.1	75358.50000	398.42	0	48.847091	-86.930754	56584.08	56246.8	3.15	56587.23	56587.23047	56569.82888	56569.82813	505080.3	5410460.1
T10460.0	505080.3	5410460.1	75358.50000	397.82	0	48.847091	-86.930754	56584.39	56246.8	3.15	56587.55	56587.55078	56574.68957	56574.69141	505080.3	5410460.1
T10460.0	505080.7	5410460.1	75358.70313	399.04	0	48.847090	-86.930748	56584.43	56246.8	3.15	56587.59	56587.58984	56572.80691	56572.80859	505080.7	5410460.1
T10460.0	505081.2	5410460.1	75358.79688	398.85	0	48.847090	-86.930742	56584.70	56246.8	3.15	56587.85	56587.85156	56576.13652	56576.13672	505081.2	5410460.1
T10460.0	505081.6	5410460.0	75358.89844	412.02	0	48.847090	-86.930736	56584.41	56246.8	3.15	56587.56	56587.55859	56566.26549	56566.26563	505081.6	5410460.0
T10460.0	505081.6	5410460.0	75359.00000	412.78	0	48.847090	-86.930736	56584.72	56246.8	3.15	56587.87	56587.87109	56570.69259	56570.69141	505081.6	5410460.0
T10460.0	505082.1	5410460.0	75359.10156	414.24	0	48.847090	-86.930730	56584.66	56246.9	3.15	56587.81	56587.80859	56566.22261	56566.22266	505082.1	5410460.0
T10460.0	505082.6	5410460.0	75359.20313	413.53	0	48.847089	-86.930723	56585.03	56246.9	3.15	56588.18	56588.17969	56571.98516	56571.98438	505082.6	5410460.0
T10460.0	505083.0	5410459.9	75359.29688	413.62	0	48.847089	-86.930717	56585.18	56246.9	3.15	56588.33	56588.32813	56572.43712	56572.43750	505083.0	5410459.9
T10460.0	505083.6	5410459.9	75359.39844	415.77	0	48.847089	-86.930709	56585.15	56246.9	3.15	56588.30	56588.30078	56568.53491	56568.53516	505083.6	5410459.9
T10460.0	505083.6	5410459.9	75359.50000	416.51	0	48.847089	-86.930709	56585.48	56246.9	3.14	56588.63	56588.62891	56573.19115	56573.19141	505083.6	5410459.9
T10460.0	505084.0	5410459.9	75359.50000	413.70	0	48.847088	-86.930703	56585.43	56246.9	3.14	56588.58	56588.57813	56568.71084	56568.71094	505084.0	5410459.9
T10460.0	505084.8	5410459.8	75359.60156	414.84	0	48.847088	-86.930693	56585.59	56246.9	3.14	56588.74	56588.73828	56569.20235	56569.20313	505084.8	5410459.8
T10460.0	505084.8	5410459.8	75359.70313	414.55	0	48.847088	-86.930693	56585.69	56246.9	3.14	56588.83	56588.82813	56567.97046	56567.96875	505084.8	5410459.8
T10460.0	505085.3	5410459.8	75359.89844	414.29	0	48.847088	-86.930686	56585.99	56246.9	3.14	56589.13	56589.12891	56571.71087	56571.71094	505085.3	5410459.8
T10460.0	505085.3	5410459.8	75360.00000	415.63	0	48.847088	-86.930686	56585.94	56246.9	3.14	56589.08	56589.07813	56567.03305	56567.03125	505085.3	5410459.8
T10460.0	505085.8	5410459.7	75360.10156	415.97	0	48.847087	-86.930679	56586.13	56246.9	3.14	56589.26	56589.26172	56567.80653	56567.80469	505085.8	5410459.7
T10460.0	505086.4	5410459.7	75360.20313	415.64	0	48.847087	-86.930671	56586.22	56246.9	3.14	56589.36	56589.35938	56566.61896	56566.61719	505086.4	5410459.7
T10460.0	505086.4	5410459.7	75360.29688	414.34	0	48.847087	-86.930671	56586.05	56246.9	3.14	56589.18	56589.17969	56558.68842	56558.68750	505086.4	5410459.7
T10460.0	505086.9	5410459.7	75360.29688	416.06	0	48.847087	-86.930665	56586.54	56246.9	3.14	56589.67	56589.67188	56566.73215	56566.73047	505086.9	5410459.7
T10460.0	505087.4	5410459.7	75360.50000	417.06	0	48.847087	-86.930657	56586.76	56246.9	3.14	56589.90	56589.89844	56568.51238	56568.51172	505087.4	5410459.7
T10460.0	505087.8	5410459.7	75360.50000	417.84	0	48.847086	-86.930652	56587.02	56246.9	3.14	56590.15	56590.14844	56570.72525	56570.72656	505087.8	5410459.7
T10460.0	505087.8	5410459.7	75360.60156	419.59	0	48.847086	-86.930652	56586.93	56246.9	3.13	56590.07	56590.07031	56565.00221	56565.00391	505087.8	5410459.7
T10460.0	505088.4	5410459.6	75360.79688	420.17	0	48.847086	-86.930644	56587.12	56246.9	3.13	56590.25	56590.25000	56565.45232	56565.45313	505088.4	5410459.6
T10460.0	505088.9	5410459.6	75360.89844	420.96	0	48.847086	-86.930638	56587.04	56246.9	3.13	56590.17	56590.17188	56559.64204	56559.64063	505088.9	5410459.6
T10460.0	505088.9	5410459.6	75360.89844	419.94	0	48.847086	-86.930638	56587.12	56246.9	3.13	56590.25	56590.25000	56557.61543	56557.61719	505088.9	5410459.6
T10460.0	505089.3	5410459.6	75361.10156	418.62	0	48.847086	-86.930631	56587.45	56246.9	3.13	56590.58	56590.57813	56561.52555	56561.52734	505089.3	5410459.6
T10460.0	505089.7	5410459.6	75361.10156	418.55	0	48.847086	-86.930626	56587.52	56246.9	3.13	56590.65	56590.64844	56559.17813	56559.17969	505089.7	5410459.6
T10460.0	505090.2	5410459.6	75361.29688	419.79	0	48.847086	-86.930619	56587.81	56246.9	3.12	56590.93	56590.92969	56561.81298	56561.81250	505090.2	5410459.6
T10460.0	505090.7	5410459.6	75361.29688	419.99	0	48.847086	-86.930612	56587.84	56246.9	3.12	56590.96	56590.96094	56558.43152	56558.42969	505090.7	5410459.6
T10460.0	505090.7	5410459.6	75361.50000	419.07	0	48.847086	-86.930612	56588.14	56246.9	3.11	56591.26	56591.26172	56561.46925	56561.46875	505090.7	5410459.6
T10460.0	505091.2	5410459.6	75361.50000	419.30	0	48.847086	-86.930606	56588.44	56246.9	3.11	56591.56	56591.55859	56564.47100	56564.47266	505091.2	5410459.6
T10460.0	505091.2	5410459.6	75361.60156	421.01	0	48.847086	-86.930606	56588.83	56246.9	3.11	56591.94	56591.94141	56569.35092	56569.35156	505091.2	5410459.6
T10460.0	505091.7	5410459.6	75361.70313	422.14	0	48.847086	-86.930599	56589.04	56246.9	3.11	56592.14	56592.14063	56569.89304	56569.89453	505091.7	5410459.6
T10460.0	505092.2	5410459.6	75361.89844	422.24	0	48.847085	-86.930592	56588.98	56246.9	3.10	56592.08	56592.07813	56564.18561	56564.18750	505092.2	5410459.6
T10460.0	505092.7	5410459.5	75362.00000	420.83	0	48.847085	-86.930585	56588.96	56246.9	3.10	56592.06	56592.05859	56559.40356	56559.40234	505092.7	5410459.5
T10460.0	505093.3	5410459.5	75362.00000	421.14	0	48.847085	-86.930577	56589.16	56246.9	3.10	56592.26	56592.26172	56559.85240	56559.85156	505093.3	5410459.5
T10460.0	505093.3	5410459.5	75362.10156	420.35	0	48.847085	-86.930577	56589.38	56246.9	3.10	56592.48	56592.48047	56560.75095	56560.75000	505093.3	5410459.5
T10460.0	505094.0	5410459.5	75362.29688	420.23	0	48.847085	-86.930568	56589.75	56246.9	3.10	56592.84	56592.83984	56564.97002	56564.96875	505094.0	5410459.5
T10460.0	505094.4	5410459.4	75362.29688	420.51	0	48.847084	-86.930562	56589.82	56246.9	3.10	56592.92	56592.92188	56562.46778	56562.46875	505094.4	5410459.4
T10460.0	505094.8	5410459.4	75362.50000	421.95	0	48.847084	-86.930556	56590.02	56246.9	3.09	56593.12	56593.12109	56562.81047	56562.80859	505094.8	5410459.4
T10460.0	505094.8	5410459.4	75362.50000	423.15	0	48.847084	-86.930556	56590.11	56246.9	3.09	56593.20	56593.19922	56560.26051	56560.26172	505094.8	5410459.4
T10460.0	505095.5	5410459.4	75362.70313	422.26	0	48.847084	-86.930547	56590.23	56246.9	3.09	56593.32	56593.32031	56558.64521	56558.64453	505095.5	5410459.4
T10460.0	505095.9	5410459.3	75362.79688	420.87	0	48.847084	-86.930541	56590.54	56246.9	3.09	56593.63	56593.62891	56561.55276	56561.55469	505095.9	5410459.3
T10460.0	505096.4	5410459.3	75362.89844	420.91	0	48.847083	-86.930534	56590.79	56246.9	3.09	56593.88	56593.87891	56563.00646	56563.00781	505096.4	5410459.3
T10460.0	505096.4	5410459.3	75363.00000	421.31	0	48.847083	-86.930534	56591.13	56246.9	3.09	56594.21	56594.21094	56566.35539	56566.35547	505096.4	5410459.3
T10460.0	505097.0	5410459.3	75363.10156	421.62	0	48.847083	-86.930526	56591.33	56246.9	3.09	56594.42	56594.42188	56566.81842	56566.82031	505097.0	5410459.3
T10460.0	505097.0	5410459.3	75363.20313	409.67	0	48.847083	-86.930526	56591.54	56246.9	3.09	56594.62	56594.62109	56567.02725	56567.02734	505097.0	5410459.3
T10460.0	505097.6	5410459.3	75363.29688	411.29	0	48.847083	-86.930518	56591.86	56246.9	3.09	56594.95	56594.94922	56570.33093	56570.33203	505097.6	5410459.3
T10460.0	505098.0	5410459.3	75363.39844	410.94	0	48.847083	-86.930513	56591.79	56246.9	3.09	56594.87	56594.87109	56563.81815	56563.81641	505098.0	5410459.3
T10460.0	505098.5	5410459.3	75363.50000	410.42	0	48.847083	-86.930505	56591.84	56246.9	3.08	56594.92	56594.92188	56560.40281	56560.40234	505098.5	5410459.3
T10460.0	505099.0	5410459.3	75363.50000	410.89	0	48.847083	-86.930499	56592.38	56246.9	3.08	56595.46	56595.46094	56568.69462	56568.69531	505099.0	5410459.3
T10460.0	505099.0	5410459.3	75363.60156	412.62	0	48.847083	-86.930499	56592.71	56246.9	3.08	56595.79	56595.78906	56571.95623	56571.95703	505099.0	5410459.3
T10460.0	505099.7	5410459.3	75363.70313	412.28	0	48.847084	-86.930490	56592.93	56246.9	3.08	56596.02	56596.01953	56572.81923	56572.82031	505099.7	5410459.3
T10460.0	505100.2	5410459.4	75363.89844	412.95	0	48.847084	-86.930483	56593.20	56246.9	3.08	56596.28	56596.28125	56574.39339	56574.39453	505100.2	5410459.4
T10460.0	505100.6	5410459.4	75364.00000	415.71	0	48.847084	-86.930477	56593.57	56246.9	3.08	56596.65	56596.64844	56578.59287	56578.59375	505100.6	5410459.4
T10460.0	505101.2	5410459.4	75364.10156	415.60	0	48.847084	-86.930470	56593.81	56246.9	3.08	56596.88	56596.87891	56579.44073	56579.44141	505101.2	5410459.4
T10460.0	505101.2	5410459.4	75364.20313	414.41	0	48.847084	-86.930470	56594.08	56246.9	3.08	56597.16	56597.16016	56581.48139	56581.48047	505101.2	5410459.4
T10460.0	505101.8	5410459.4	75364.29688	415.53	0	48.847084	-86.930462	56593.84	56246.9	3.07	56596.91	56596.91016	56570.84679	56570.84766	505101.8	5410459.4
T10460.0	505102.2	5410459.4	75364.39844	417.41	0	48.847084	-86.930455	56594.21	56246.9	3.07	56597.29	56597.28906	56575.27617	56575.27734	505102.2	5410459.4
T10460.0	505102.2	5410459.4	75364.50000	418.94	0	48.847084	-86.930455	56594.42	56246.9	3.07	56597.49	56597.48828	56575.40155	56575.40234	505102.2	5410459.4
T10460.0	505102.7	5410459.4	75364.50000	417.57	0	48.847084	-86.930448	56594.75	56246.9	3.07	56597.82	56597.82031	56578.63667	56578.63672	505102.7	5410459.4
T10460.0	505103.3	5410459.5	75364.70313	416.03	0	48.847085	-86.930440	56595.13	56246.9	3.07	56598.19	56598.19141	56582.83026	56582.83203	505103.3	5410459.5
T10460.0	505103.8	5410459.5	75364.79688	416.99	0	48.847085	-86.930433	56595.23	56246.9	3.06	56598.30	56598.30078	56580.80949	56580.80859	505103.8	5410459.5
T10460.0	505103.8	5410459.5	75364.89844	416.47	0	48.847085	-86.930433	56595.39	56246.9	3.06	56598.45	56598.44922	56579.74877	56579.75000	505103.8	5410459.5
T10460.0	505104.5	5410459.5	75365.00000	416.57	0	48.847085	-86.930425	56595.74	56246.9	3.06	56598.80	56598.80078	56583.47477	56583.47656	505104.5	5410459.5
T10460.0	505104.9	5410459.5	75365.10156	414.01	0	48.847085	-86.930419	56596.06	56246.9	3.06	56599.11	56599.10938	56586.24920	56586.25000	505104.9	5410459.5
T10460.0	505104.9	5410459.5	75365.20313	417.06	0	48.847085	-86.930419	56596.36	56246.9	3.06	56599.41	56599.41016	56588.78999	56588.78906	505104.9	5410459.5
T10460.0	505105.6	5410459.5	75365.29688	416.49	0	48.847085	-86.930410	56596.48	56246.9	3.05	56599.54	56599.53906	56587.27170	56587.27344	505105.6	5410459.5
T10460.0	505106.1	5410459.5	75365.39844	417.78	0	48.847085	-86.930403	56596.66	56246.9	3.05	56599.71	56599.71094	56586.71636	56586.71484	505106.1	5410459.5
T10460.0	505106.6	5410459.6	75365.50000	417.41	0	48.847085	-86.930396	56596.89	56246.9	3.05	56599.94	56599.94141	56587.60259	56587.60156	505106.6	5410459.6
T10460.0	505106.6	5410459.6	75365.50000	420.81	0	48.847085	-86.930396	56597.12	56246.9	3.05	56600.17	56600.17188	56588.49596	56588.49609	505106.6	5410459.6
T10460.0	505107.2	5410459.6	75365.60156	417.57	0	48.847085	-86.930387	56597.27	56247	3.05	56600.32	56600.32031	56587.48373	56587.48438	505107.2	5410459.6
T10460.0	505107.2	5410459.6	75365.70313	417.35	0	48.847085	-86.930387	56597.61	56247	3.05	56600.65	56600.64844	56590.78326	56590.78516	505107.2	5410459.6
T10460.0	505107.8	5410459.6	75365.89844	417.57	0	48.847085	-86.930380	56598.17	56247	3.04	56601.21	56601.21094	56599.59026	56599.58984	505107.8	5410459.6
T10460.0	505108.3	5410459.6	75366.00000	417.05	0	48.847085	-86.930373	56598.49	56247	3.04	56601.53	56601.53125	56602.66595	56602.66406	505108.3	5410459.6
T10460.0	505108.8	5410459.6	75366.10156	419.93	0	48.847086	-86.930365	56598.68	56247	3.04	56601.72	56601.71875	56602.64064	56602.64063	505108.8	5410459.6
T10460.0	505109.4	5410459.6	75366.20313	420.94	0	48.847086	-86.930358	56598.83	56247	3.04	56601.87	56601.87109	56601.66629	56601.66797	505109.4	5410459.6
T10460.0	505109.4	5410459.6	75366.29688	421.64	0	48.847086	-86.930358	56598.94	56247	3.04	56601.98	56601.98047	56599.74265	56599.74219	505109.4	5410459.6
T10460.0	505109.8	5410459.6	75366.39844	419.95	0	48.847086	-86.930353	56599.32	56247	3.04	56602.36	56602.35938	56604.28225	56604.28125	505109.8	5410459.6
T10460.0	505109.8	5410459.6	75366.50000	422.68	0	48.847086	-86.930353	56599.65	56247	3.04	56602.69	56602.69141	56607.63275	56607.63281	505109.8	5410459.6

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
T10460.0	505110.2	5410459.6	75366.50000	421.95	0	48.847086	-86.930346	56599.86	56247	3.04	56602.90	56602.89844	56608.11982	56608.12109	505110.2	5410459.6
T10460.0	505110.8	5410459.6	75366.70313	421.89	0	48.847086	-86.930339	56600.26	56247	3.04	56603.30	56603.30078	56613.15572	56613.15625	505110.8	5410459.6
T10460.0	505111.2	5410459.7	75366.79688	421.33	0	48.847086	-86.930333	56600.56	56247	3.04	56603.60	56603.60156	56615.80524	56615.80469	505111.2	5410459.7
T10460.0	505111.7	5410459.7	75366.89844	423.22	0	48.847086	-86.930326	56600.72	56247	3.04	56603.76	56603.76172	56615.11116	56615.10938	505111.7	5410459.7
T10460.0	505111.7	5410459.7	75367.00000	422.77	0	48.847086	-86.930326	56600.90	56247	3.04	56603.94	56603.94141	56614.89863	56614.89844	505111.7	5410459.7
T10460.0	505112.3	5410459.7	75367.10156	424.32	0	48.847087	-86.930318	56601.16	56247	3.04	56604.20	56604.19922	56616.60149	56616.60156	505112.3	5410459.7
T10460.0	505112.8	5410459.7	75367.20313	423.14	0	48.847087	-86.930311	56601.36	56247	3.04	56604.40	56604.39844	56616.87104	56616.87109	505112.8	5410459.7
T10460.0	505112.8	5410459.7	75367.29688	422.09	0	48.847087	-86.930311	56601.72	56247	3.04	56604.76	56604.76172	56620.96689	56620.96875	505112.8	5410459.7
T10460.0	505113.3	5410459.7	75367.39844	421.68	0	48.847087	-86.930305	56602.02	56247	3.04	56605.06	56605.05859	56623.62719	56623.62891	505113.3	5410459.7
T10460.0	505113.8	5410459.7	75367.50000	420.07	0	48.847087	-86.930297	56602.38	56247	3.04	56605.42	56605.42188	56627.72018	56627.71875	505113.8	5410459.7
T10460.0	505114.3	5410459.7	75367.50000	420.91	0	48.847087	-86.930290	56602.68	56247	3.04	56605.72	56605.71875	56630.37503	56630.37500	505114.3	5410459.7
T10460.0	505114.3	5410459.7	75367.60156	420.80	0	48.847087	-86.930290	56603.16	56247	3.04	56606.20	56606.19922	56637.32929	56637.32813	505114.3	5410459.7
T10460.0	505114.9	5410459.7	75367.70313	418.75	0	48.847087	-86.930283	56603.52	56247	3.04	56606.56	56606.55859	56641.40778	56641.40625	505114.9	5410459.7
T10460.0	505115.3	5410459.7	75367.89844	418.42	0	48.847087	-86.930277	56603.84	56247	3.04	56606.88	56606.87891	56644.52187	56644.52344	505115.3	5410459.7
T10460.0	505115.3	5410459.7	75368.00000	421.45	0	48.847087	-86.930277	56604.20	56247	3.04	56607.24	56607.23828	56648.58291	56648.58203	505115.3	5410459.7
T10460.0	505115.7	5410459.7	75368.10156	422.99	0	48.847087	-86.930272	56604.49	56247	3.04	56607.53	56607.53125	56650.95877	56650.95703	505115.7	5410459.7
T10460.0	505116.2	5410459.7	75368.20313	423.06	0	48.847087	-86.930265	56604.61	56247	3.03	56607.64	56607.64063	56649.01728	56649.01563	505116.2	5410459.7
T10460.0	505116.5	5410459.7	75368.29688	423.10	0	48.847087	-86.930261	56604.88	56247	3.03	56607.91	56607.91016	56650.88671	56650.88672	505116.5	5410459.7
T10460.0	505116.5	5410459.7	75368.39844	423.47	0	48.847087	-86.930261	56605.00	56247	3.02	56608.03	56608.03125	56649.15226	56649.15234	505116.5	5410459.7
T10460.0	505116.9	5410459.7	75368.50000	425.36	0	48.847087	-86.930255	56605.32	56247	3.02	56608.34	56608.33984	56651.94203	56651.94141	505116.9	5410459.7
T10460.0	505117.3	5410459.7	75368.50000	424.77	0	48.847087	-86.930250	56605.36	56247	3.02	56608.38	56608.37891	56648.25425	56648.25391	505117.3	5410459.7
T10460.0	505117.3	5410459.7	75368.70313	424.68	0	48.847087	-86.930250	56605.67	56247	3.01	56608.68	56608.67969	56650.76021	56650.76172	505117.3	5410459.7
T10460.0	505117.7	5410459.7	75368.79688	424.28	0	48.847087	-86.930244	56605.90	56247	3.01	56608.91	56608.91016	56651.56656	56651.56641	505117.7	5410459.7
T10460.0	505118.0	5410459.7	75368.89844	426.57	0	48.847087	-86.930240	56605.93	56247	3.00	56608.93	56608.92969	56647.32324	56647.32422	505118.0	5410459.7
T10460.0	505118.0	5410459.7	75369.00000	428.38	0	48.847087	-86.930240	56606.03	56247	3.00	56609.03	56609.03125	56644.96238	56644.96094	505118.0	5410459.7
T10460.0	505118.4	5410459.7	75369.10156	428.88	0	48.847087	-86.930234	56606.13	56247	3.00	56609.13	56609.12891	56642.56853	56642.57031	505118.4	5410459.7
T10460.0	505118.4	5410459.7	75369.20313	427.32	0	48.847087	-86.930234	56606.23	56247	3.00	56609.24	56609.23828	56640.37824	56640.37891	505118.4	5410459.7
T10460.0	505118.8	5410459.7	75369.29688	424.53	0	48.847086	-86.930229	56606.48	56247	3.00	56609.49	56609.48828	56641.49752	56641.49609	505118.8	5410459.7
T10460.0	505119.1	5410459.7	75369.39844	425.83	0	48.847086	-86.930226	56606.74	56247	3.00	56609.74	56609.73828	56642.57597	56642.57422	505119.1	5410459.7
T10460.0	505119.3	5410459.7	75369.50000	427.63	0	48.847086	-86.930222	56606.90	56247	3.01	56609.90	56609.89844	56641.45877	56641.45703	505119.3	5410459.7
T10460.0	505119.3	5410459.7	75369.50000	431.23	0	48.847086	-86.930222	56607.16	56247	3.01	56610.16	56610.16016	56642.68649	56642.68750	505119.3	5410459.7
T10460.0	505119.6	5410459.7	75369.60156	430.81	0	48.847086	-86.930219	56607.40	56247	3.01	56610.41	56610.41016	56643.62595	56643.62500	505119.6	5410459.7
T10460.0	505119.8	5410459.7	75369.70313	429.01	0	48.847086	-86.930216	56607.56	56247	3.01	56610.57	56610.57031	56642.36131	56642.35938	505119.8	5410459.7
T10460.0	505119.8	5410459.7	75369.89844	426.67	0	48.847086	-86.930216	56607.71	56247	3.01	56610.72	56610.71875	56640.80263	56640.80078	505119.8	5410459.7
T10460.0	505120.0	5410459.6	75370.00000	427.27	0	48.847086	-86.930213	56607.68	56247	3.01	56610.69	56610.69141	56634.88190	56634.88281	505120.0	5410459.6
T10460.0	505120.2	5410459.6	75370.10156	427.60	0	48.847086	-86.930210	56607.85	56247	3.01	56610.86	56610.85938	56633.68277	56633.68359	505120.2	5410459.6
T10460.0	505120.2	5410459.6	75370.20313	426.16	0	48.847086	-86.930210	56607.76	56247	3.01	56610.77	56610.76953	56626.20261	56626.20313	505120.2	5410459.6
T10460.0	505120.4	5410459.6	75370.29688	426.04	0	48.847086	-86.930208	56607.82	56247	3.01	56610.82	56610.82031	56622.00326	56622.00391	505120.4	5410459.6
T10460.0	505120.5	5410459.6	75370.39844	427.80	0	48.847085	-86.930206	56608.16	56247	3.01	56611.16	56611.16016	56624.66851	56624.66797	505120.5	5410459.6
T10460.0	505120.5	5410459.6	75370.50000	425.81	0	48.847085	-86.930206	56608.58	56247	3.00	56611.58	56611.57813	56629.17368	56629.17188	505120.5	5410459.6
T10460.0	505120.7	5410459.5	75370.50000	426.00	0	48.847085	-86.930204	56608.63	56247	3.00	56611.64	56611.64063	56624.99427	56624.99609	505120.7	5410459.5
T10460.0	505120.7	5410459.5	75370.60156	425.02	0	48.847085	-86.930204	56608.66	56247	3.00	56611.66	56611.66016	56619.77907	56619.77734	505120.7	5410459.5
T10460.0	505120.8	5410459.5	75370.79688	423.12	0	48.847085	-86.930202	56608.66	56247	3.00	56611.66	56611.66016	56614.00321	56614.00391	505120.8	5410459.5
T10460.0	505120.8	5410459.5	75370.89844	419.92	0	48.847085	-86.930201	56608.56	56247	3.00	56611.56	56611.55859	56605.75057	56605.75000	505120.8	5410459.5
T10460.0	505120.8	5410459.5	75370.89844	421.41	0	48.847085	-86.930201	56608.94	56247	3.00	56611.94	56611.94141	56608.88711	56608.88672	505120.8	5410459.5
T10460.0	505120.9	5410459.5	75371.10156	416.06	0	48.847084	-86.930200	56609.14	56247	3.00	56612.14	56612.14063	56607.62761	56607.62891	505120.9	5410459.5
T10460.0	505121.0	5410459.4	75371.20313	412.25	0	48.847084	-86.930199	56609.48	56247	3.00	56612.48	56612.48047	56609.62085	56609.62109	505121.0	5410459.4
T10460.0	505121.1	5410459.4	75371.29688	412.43	0	48.847084	-86.930198	56609.46	56247	3.00	56612.46	56612.46094	56602.90758	56602.90625	505121.1	5410459.4
T10460.0	505121.1	5410459.4	75371.39844	415.57	0	48.847084	-86.930198	56609.88	56247	3.00	56612.88	56612.87891	56606.61451	56606.61328	505121.1	5410459.4
T10460.0	505121.2	5410459.4	75371.50000	418.58	0	48.847084	-86.930196	56609.81	56247	3.00	56612.81	56612.80859	56598.50014	56598.50000	505121.2	5410459.4
T10460.0	505121.4	5410459.4	75371.50000	422.55	0	48.847084	-86.930194	56609.83	56247	3.00	56612.83	56612.82813	56592.43051	56592.42969	505121.4	5410459.4
T10460.0	505121.4	5410459.4	75371.60156	424.27	0	48.847084	-86.930194	56609.73	56247	3.00	56612.73	56612.73047	56583.38102	56583.38281	505121.4	5410459.4
T10460.0	505121.6	5410459.4	75371.70313	424.26	0	48.847084	-86.930191	56610.06	56247	3.00	56613.06	56613.05859	56584.50041	56584.50000	505121.6	5410459.4
T10460.0	505121.8	5410459.4	75371.89844	423.55	0	48.847084	-86.930189	56610.37	56247	3.00	56613.37	56613.37109	56585.02517	56585.02344	505121.8	5410459.4
T10460.0	505121.9	5410459.5	75372.00000	423.11	0	48.847084	-86.930187	56610.29	56247	3.00	56613.29	56613.28906	56576.10485	56576.10547	505121.9	5410459.5
T10460.0	505122.2	5410459.5	75372.10156	424.27	0	48.847084	-86.930183	56610.52	56247	3.00	56613.52	56613.51953	56574.47514	56574.47656	505122.2	5410459.5
T10460.0	505122.2	5410459.5	75372.20313	423.66	0	48.847084	-86.930183	56610.64	56247	3.00	56613.64	56613.64063	56570.09005	56570.08984	505122.2	5410459.5
T10460.0	505122.4	5410459.5	75372.29688	425.03	0	48.847085	-86.930180	56611.11	56247	2.99	56614.10	56614.10156	56573.70732	56573.70703	505122.4	5410459.5
T10460.0	505122.7	5410459.5	75372.39844	422.63	0	48.847085	-86.930176	56610.91	56247	2.99	56613.90	56613.89844	56561.41194	56561.41016	505122.7	5410459.5
T10460.0	505123.1	5410459.5	75372.50000	421.19	0	48.847085	-86.930171	56611.59	56247	2.99	56614.58	56614.57813	56570.02616	56570.02734	505123.1	5410459.5
T10460.0	505123.1	5410459.5	75372.50000	421.85	0	48.847085	-86.930171	56611.85	56247	2.99	56614.84	56614.83984	56568.46140	56568.46094	505123.1	5410459.5
T10460.0	505123.4	5410459.5	75372.70313	422.20	0	48.847085	-86.930166	56612.33	56247	2.99	56615.31	56615.30859	56571.77988	56571.78125	505123.4	5410459.5
T10460.0	505123.7	5410459.5	75372.79688	422.84	0	48.847085	-86.930163	56612.64	56247	2.98	56615.63	56615.62891	56571.37072	56571.37109	505123.7	5410459.5
T10460.0	505124.1	5410459.5	75372.89844	423.03	0	48.847085	-86.930158	56612.82	56247	2.98	56615.80	56615.80078	56567.23153	56567.23047	505124.1	5410459.5
T10460.0	505124.1	5410459.5	75373.00000	422.97	0	48.847085	-86.930158	56613.04	56247	2.98	56616.02	56616.01953	56564.14248	56564.14063	505124.1	5410459.5
T10460.0	505124.4	5410459.5	75373.10156	422.92	0	48.847085	-86.930153	56613.25	56247	2.98	56616.23	56616.23047	56560.66660	56560.66797	505124.4	5410459.5
T10460.0	505124.4	5410459.5	75373.20313	424.85	0	48.847085	-86.930153	56613.50	56247	2.98	56616.48	56616.48047	56557.99740	56557.99609	505124.4	5410459.5
T10460.0	505124.9	5410459.5	75373.29688	425.03	0	48.847085	-86.930147	56613.58	56247	2.98	56616.56	56616.55859	56551.11127	56551.10938	505124.9	5410459.5
T10460.0	505125.2	5410459.6	75373.39844	425.75	0	48.847085	-86.930142	56614.20	56247	2.98	56617.17	56617.17188	56556.74485	56556.74609	505125.2	5410459.6
T10460.0	505125.6	5410459.6	75373.50000	425.41	0	48.847085	-86.930136	56614.09	56247	2.98	56617.07	56617.07031	56545.24511	56545.24609	505125.6	5410459.6
T10460.0	505125.6	5410459.6	75373.50000	425.08	0	48.847085	-86.930136	56614.71	56247	2.98	56617.68	56617.67969	56550.56573	56550.56641	505125.6	5410459.6
T10460.0	505126.0	5410459.6	75373.60156	426.59	0	48.847085	-86.930131	56615.04	56247	2.97	56618.01	56618.01172	56549.03195	56549.03125	505126.0	5410459.6
T10460.0	505126.3	5410459.6	75373.70313	429.99	0	48.847086	-86.930127	56615.24	56247	2.97	56618.22	56618.21875	56544.46823	56544.46875	505126.3	5410459.6
T10460.0	505126.3	5410459.6	75373.89844	442.96	0	48.847086	-86.930127	56615.61	56247	2.97	56618.58	56618.57813	56543.32948	56543.32813	505126.3	5410459.6
T10460.0	505126.9	5410459.6	75374.00000	441.37	0	48.847086	-86.930119	56615.77	56247	2.97	56618.74	56618.73828	56537.24513	56537.24609	505126.9	5410459.6
T10460.0	505127.3	5410459.6	75374.10156	440.14	0	48.847086	-86.930114	56616.01	56247	2.97	56618.98	56618.98047	56532.90945	56532.91016	505127.3	5410459.6
T10460.0	505127.3	5410459.6	75374.10156	435.62	0	48.847086	-86.930114	56616.46	56247	2.97	56619.43	56619.42969	56533.43001	56533.42969	505127.3	5410459.6
T10460.0	505127.8	5410459.7	75374.20313	436.35	0	48.847086	-86.930107	56616.98	56247	2.97	56619.95	56619.94922	56535.45818	56535.45703	505127.8	5410459.7
T10460.0	505128.3	5410459.7	75374.39844	435.12	0	48.847086	-86.930100	56617.13	56247	2.97	56620.10	56620.10156	56528.47178	56528.47266	505128.3	5410459.7
T10460.0	505128.8	5410459.7	75374.50000	434.69	0	48.847087	-86.930094	56618.00	56247	2.98	56620.97	56620.96875	56538.53454	56538.53516	505128.8	5410459.7
T10460.0	505129.4	5410459.7	75374.50000	433.19	0	48.847087	-86.930084	56618.20	56247	2.98	56621.18	56621.17969	56532.64701	56532.64844	505129.4	5410459.7
T10460.0	505129.4	5410459.7	75374.60156	434.95	0	48.847087	-86.930084	56618.84	56247	2.98	56621.82	56621.82031	56536.87319	56536.87500	505129.4	5410459.7
T10460.0	505130.2	5410459.8	75374.70313	435.75	0	48.847087	-86.930074	56619.10	56247	2.98	56622.08	56622.07813	56531.84389	56531.84375	505130.2	5410459.8
T10460.0	505130.2	5410459.8	75374.79688	433.87	0	48.847087	-86.930074	56619.56	56247	2.98	56622.53	56622.53125	56531.18901	56531.18750	505130.2	5410459.8
T10460.0	505130.9	5410459.8	75375.00000	433.69	0	48.847087	-86.930065	56619.96	56247	2.98	56622.94	56622.94141	56529.40878	56529.41016	505130.9	5410459.8
T10460.0	505130.9	5410459.8	75375.10156	434.78	0	48.847087	-86.930065	56620.50	56247	2.98	56623.47	56623.46875	56530.32932	56530.32813	505130.9	5410459.8
T10460.0	505131.5	5410459.8	75375.20313	435.25	0	48.847087	-86.930056	56621.21	56247	2.98	56624.18	56624.17969	56535.38573	56535.38672	505131.5	5410459.8
T10460.0	505132.1	5410459.8	75375.29688	436.68	0	48.847087	-86.930048	56621.70	56247	2.97	56624.68	56624.67969	56535.25267	56535.25391	505132.1	5410459.8
T10460.0	505132.9	5410459.8	75375.39844	436.17	0	48.847087	-86.930037	56622.44	56247	2.97	56625.41	56625.41016	56540.45218	56540.45313	505132.9	5410459.8
T10460.0	505132.9	5410459.8	75375.39844	434.72	0	48.847087	-86.930037	56622.97	56247	2.97	56625.95	56625.94922	56540.94188	56540.94141	505132.9	5410459.8
T10460.0	505133.4	5410459.8	75375.50000	436.07	0	48.847087	-86.930030	56623.41	56247	2.97	56626.38	56626.37891	56538.63566	56538.63672	505133.4	5410459.8
T10460.0	505134.0	5410459.8	75375.60156	433.91	0	48.847087	-86.930022	56623.87	56247	2.97	56626.84	56626.83984	56536.88231	56536.88281	505134.0	5410459.8
T10460.0	505134.0	5410459.8	75375.70313	435.31	0	48.847087	-86.930022	56624.45	56247	2.97	56627.42	56627.42188	56537.83517	56537.83594	505134.0	5410459.8

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
T10460.0	505134.8	5410459.8	75375.89844	434.21	0	48.847087	-86.930012	56625.36	56247	2.96	56628.32	56628.32031	56546.27806	56546.27734	505134.8	5410459.8
T10460.0	505135.3	5410459.8	75375.89844	432.65	0	48.847087	-86.930004	56625.81	56247	2.96	56628.77	56628.76953	56543.80005	56543.80078	505135.3	5410459.8
T10460.0	505136.1	5410459.8	75376.10156	429.49	0	48.847087	-86.929994	56626.37	56247	2.96	56629.33	56629.32813	56543.79369	56543.79297	505136.1	5410459.8
T10460.0	505136.8	5410459.8	75376.10156	428.73	0	48.847087	-86.929984	56626.77	56247	2.96	56629.73	56629.73047	56539.80449	56539.80469	505136.8	5410459.8
T10460.0	505136.8	5410459.8	75376.20313	430.18	0	48.847087	-86.929984	56627.29	56247	2.96	56630.25	56630.25000	56538.52986	56538.53125	505136.8	5410459.8
T10460.0	505137.5	5410459.8	75376.29688	430.79	0	48.847087	-86.929974	56627.82	56247	2.97	56630.79	56630.78906	56537.58070	56537.58203	505137.5	5410459.8
T10460.0	505138.3	5410459.8	75376.39844	433.07	0	48.847087	-86.929963	56628.77	56247	2.97	56631.73	56631.73047	56546.04596	56546.04688	505138.3	5410459.8
T10460.0	505138.3	5410459.8	75376.50000	432.24	0	48.847087	-86.929963	56629.25	56247	2.97	56632.22	56632.21875	56543.60261	56543.60156	505138.3	5410459.8
T10460.0	505139.3	5410459.8	75376.60156	431.85	0	48.847088	-86.929950	56630.29	56247	2.97	56633.26	56633.26172	56554.16551	56554.16406	505139.3	5410459.8
T10460.0	505139.3	5410459.8	75376.70313	431.98	0	48.847088	-86.929950	56630.69	56247	2.97	56633.66	56633.66016	56549.28177	56549.28125	505139.3	5410459.8
T10460.0	505140.2	5410459.8	75376.79688	433.04	0	48.847088	-86.929938	56631.37	56247	2.98	56634.34	56634.33984	56550.95353	56550.95313	505140.2	5410459.8
T10460.0	505141.1	5410459.9	75377.00000	432.78	0	48.847088	-86.929926	56631.83	56247	2.98	56634.81	56634.80859	56547.46680	56547.46484	505141.1	5410459.9
T10460.0	505142.0	5410459.9	75377.00000	432.43	0	48.847088	-86.929913	56632.55	56247	2.98	56635.53	56635.53125	56549.82435	56549.82422	505142.0	5410459.9
T10460.0	505142.7	5410459.9	75377.10156	432.16	0	48.847088	-86.929903	56633.23	56247	2.98	56636.21	56636.21094	56551.09491	56551.09375	505142.7	5410459.9
T10460.0	505142.7	5410459.9	75377.29688	431.49	0	48.847088	-86.929903	56633.54	56247	2.98	56636.52	56636.51953	56543.39085	56543.39063	505142.7	5410459.9
T10460.0	505143.8	5410460.0	75377.29688	428.72	0	48.847089	-86.929888	56634.46	56247	2.98	56637.44	56637.44141	56550.14977	56550.14844	505143.8	5410460.0
T10460.0	505144.8	5410460.0	75377.39844	428.01	0	48.847089	-86.929875	56635.05	56247	2.98	56638.03	56638.03125	56548.89779	56548.89844	505144.8	5410460.0
T10460.0	505144.8	5410460.0	75377.50000	430.57	0	48.847089	-86.929875	56635.94	56247	2.99	56638.93	56638.92969	56554.94261	56554.94141	505144.8	5410460.0
T10460.0	505145.6	5410460.0	75377.60156	430.27	0	48.847089	-86.929864	56636.55	56247	2.99	56639.53	56639.53125	56553.70168	56553.70313	505145.6	5410460.0
T10460.0	505146.6	5410460.1	75377.70313	431.27	0	48.847090	-86.929851	56636.83	56247	2.99	56639.82	56639.82031	56544.93994	56544.94141	505146.6	5410460.1
T10460.0	505146.6	5410460.1	75377.79688	432.94	0	48.847090	-86.929851	56637.60	56247	2.99	56640.59	56640.58984	56547.55227	56547.55078	505146.6	5410460.1
T10460.0	505147.6	5410460.1	75377.89844	432.88	0	48.847090	-86.929837	56638.72	56247	2.99	56641.71	56641.71094	56558.43439	56558.43359	505147.6	5410460.1
T10460.0	505148.5	5410460.2	75378.00000	432.80	0	48.847091	-86.929825	56639.25	56247	2.99	56642.24	56642.23828	56555.11319	56555.11328	505148.5	5410460.2
T10460.0	505149.4	5410460.2	75378.10156	432.86	0	48.847091	-86.929813	56640.07	56247	2.99	56643.06	56643.05859	56558.63598	56558.63672	505149.4	5410460.2
T10460.0	505149.4	5410460.2	75378.20313	431.37	0	48.847091	-86.929813	56640.58	56247	2.98	56643.57	56643.57031	56554.66005	56554.66016	505149.4	5410460.2
T10460.0	505150.6	5410460.3	75378.39844	430.86	0	48.847091	-86.929797	56641.58	56247	2.98	56644.56	56644.55859	56562.08084	56562.08203	505150.6	5410460.3
T10460.0	505150.6	5410460.3	75378.50000	425.37	0	48.847091	-86.929797	56642.55	56247	2.97	56645.52	56645.51953	56568.70791	56568.70703	505150.6	5410460.3
T10460.0	505151.3	5410460.3	75378.50000	424.90	0	48.847092	-86.929786	56643.34	56247	2.97	56646.31	56646.30859	56571.19850	56571.19922	505151.3	5410460.3
T10460.0	505152.4	5410460.4	75378.60156	436.32	0	48.847092	-86.929772	56644.46	56247	2.97	56647.43	56647.42969	56581.51376	56581.51563	505152.4	5410460.4
T10460.0	505153.2	5410460.4	75378.70313	435.57	0	48.847093	-86.929761	56645.15	56247	2.97	56648.12	56648.12109	56581.48547	56581.48438	505153.2	5410460.4
T10460.0	505154.4	5410460.5	75378.89844	435.86	0	48.847093	-86.929744	56645.85	56247	2.96	56648.81	56648.80859	56581.40110	56581.40234	505154.4	5410460.5
T10460.0	505154.4	5410460.5	75379.00000	423.09	0	48.847093	-86.929744	56646.93	56247	2.96	56649.89	56649.89063	56590.59172	56590.58984	505154.4	5410460.5
T10460.0	505155.3	5410460.5	75379.00000	424.39	0	48.847093	-86.929732	56647.68	56247	2.96	56650.64	56650.64063	56591.84582	56591.84766	505155.3	5410460.5
T10460.0	505156.2	5410460.5	75379.10156	433.45	0	48.847094	-86.929720	56648.29	56247	2.96	56651.25	56651.25000	56589.71215	56589.71094	505156.2	5410460.5
T10460.0	505156.2	5410460.5	75379.20313	432.51	0	48.847094	-86.929720	56649.26	56247	2.96	56652.22	56652.21875	56596.15232	56596.15234	505156.2	5410460.5
T10460.0	505157.1	5410460.6	75379.29688	431.52	0	48.847094	-86.929707	56649.96	56247	2.96	56652.93	56652.92969	56596.34625	56596.34766	505157.1	5410460.6
T10460.0	505158.1	5410460.6	75379.39844	430.96	0	48.847094	-86.929694	56651.20	56247	2.96	56654.16	56654.16016	56608.95109	56608.94922	505158.1	5410460.6
T10460.0	505159.3	5410460.7	75379.50000	431.65	0	48.847095	-86.929677	56651.86	56247	2.96	56654.83	56654.82813	56608.14723	56608.14844	505159.3	5410460.7
T10460.0	505160.1	5410460.7	75379.60156	432.75	0	48.847095	-86.929666	56652.89	56247	2.97	56655.85	56655.85156	56615.70050	56615.69922	505160.1	5410460.7
T10460.0	505160.1	5410460.7	75379.60156	432.75	0	48.847095	-86.929666	56653.68	56247	2.97	56656.64	56656.64063	56617.74750	56617.74609	505160.1	5410460.7
T10460.0	505161.3	5410460.7	75379.79688	430.31	0	48.847095	-86.929650	56654.54	56247	2.97	56657.51	56657.51172	56621.70677	56621.70703	505161.3	5410460.7
T10460.0	505162.4	5410460.7	75379.89844	430.31	0	48.847096	-86.929635	56655.52	56247	2.97	56658.49	56658.48828	56628.30144	56628.30078	505162.4	5410460.7
T10460.0	505163.2	5410460.8	75380.00000	428.03	0	48.847096	-86.929624	56655.96	56247	2.97	56658.93	56658.92969	56621.99434	56621.99609	505163.2	5410460.8
T10460.0	505163.2	5410460.8	75380.10156	428.58	0	48.847096	-86.929624	56656.92	56247	2.97	56659.89	56659.89063	56628.13828	56628.13672	505163.2	5410460.8
T10460.0	505164.3	5410460.8	75380.20313	430.26	0	48.847096	-86.929609	56657.90	56247	2.97	56660.87	56660.87109	56634.78292	56634.78125	505164.3	5410460.8
T10460.0	505165.4	5410460.8	75380.29688	430.05	0	48.847096	-86.929595	56659.12	56247	2.96	56662.08	56662.07813	56646.95567	56646.95703	505165.4	5410460.8
T10460.0	505166.6	5410460.8	75380.50000	428.66	0	48.847096	-86.929578	56660.26	56247	2.96	56663.22	56663.21875	56657.48867	56657.48828	505166.6	5410460.8
T10460.0	505166.6	5410460.8	75380.50000	429.42	0	48.847096	-86.929578	56661.38	56247	2.96	56664.34	56664.33984	56667.58333	56667.58203	505166.6	5410460.8
T10460.0	505167.3	5410460.8	75380.60156	428.89	0	48.847096	-86.929568	56661.75	56247	2.96	56664.70	56664.69922	56659.55038	56659.55078	505167.3	5410460.8
T10460.0	505168.3	5410460.8	75380.70313	428.61	0	48.847096	-86.929554	56662.40	56247	2.96	56665.35	56665.35156	56658.50348	56658.50391	505168.3	5410460.8
T10460.0	505169.5	5410460.8	75380.79688	429.73	0	48.847096	-86.929538	56663.32	56247	2.95	56666.28	56666.28125	56664.20926	56664.21094	505169.5	5410460.8
T10460.0	505169.5	5410460.8	75380.89844	431.82	0	48.847096	-86.929538	56664.22	56247	2.95	56667.17	56667.17188	56669.02152	56669.02344	505169.5	5410460.8
T10460.0	505170.4	5410460.8	75381.00000	437.66	0	48.847096	-86.929527	56665.03	56247.1	2.95	56667.98	56667.98047	56671.98947	56671.98828	505170.4	5410460.8
T10460.0	505171.6	5410460.8	75381.10156	436.68	0	48.847096	-86.929510	56666.16	56247	2.95	56669.11	56669.10938	56682.68365	56682.68359	505171.6	5410460.8
T10460.0	505171.6	5410460.8	75381.29688	437.55	0	48.847096	-86.929510	56667.09	56247	2.95	56670.05	56670.05078	56688.91443	56688.91406	505171.6	5410460.8
T10460.0	505172.6	5410460.8	75381.39844	421.08	0	48.847096	-86.929496	56667.88	56247	2.95	56670.83	56670.82813	56691.40473	56691.40625	505172.6	5410460.8
T10460.0	505173.9	5410460.8	75381.39844	420.13	0	48.847096	-86.929479	56668.71	56247	2.95	56671.66	56671.66016	56695.18161	56695.17969	505173.9	5410460.8
T10460.0	505175.1	5410460.8	75381.50000	434.12	0	48.847096	-86.929463	56669.56	56247	2.96	56672.51	56672.51172	56699.53315	56699.53125	505175.1	5410460.8
T10460.0	505176.1	5410460.8	75381.60156	434.79	0	48.847096	-86.929448	56670.57	56247	2.96	56673.52	56673.51953	56707.81243	56707.81250	505176.1	5410460.8
T10460.0	505176.1	5410460.8	75381.70313	437.23	0	48.847096	-86.929448	56671.31	56247	2.96	56674.27	56674.26953	56709.98159	56709.98047	505176.1	5410460.8
T10460.0	505176.9	5410460.8	75381.79688	436.39	0	48.847096	-86.929438	56672.13	56247	2.96	56675.09	56675.08984	56713.93690	56713.93750	505176.9	5410460.8
T10460.0	505177.9	5410460.8	75381.89844	436.39	0	48.847096	-86.929423	56672.88	56247	2.96	56675.83	56675.82813	56716.09665	56716.09766	505177.9	5410460.8
T10460.0	505179.1	5410460.8	75382.10156	436.79	0	48.847096	-86.929407	56673.96	56247	2.96	56676.92	56676.92188	56726.74817	56726.75000	505179.1	5410460.8
T10460.0	505179.1	5410460.8	75382.10156	435.86	0	48.847096	-86.929407	56675.02	56247	2.96	56677.98	56677.98047	56736.80975	56736.80859	505179.1	5410460.8
T10460.0	505180.2	5410460.8	75382.20313	435.85	0	48.847096	-86.929393	56675.97	56247	2.96	56678.93	56678.92969	56744.37325	56744.37500	505180.2	5410460.8
T10460.0	505181.3	5410460.8	75382.29688	434.63	0	48.847096	-86.929377	56676.92	56247	2.96	56679.88	56679.87891	56752.07379	56752.07422	505181.3	5410460.8
T10460.0	505181.3	5410460.8	75382.39844	436.51	0	48.847096	-86.929377	56678.08	56247	2.96	56681.03	56681.03125	56764.69847	56764.69922	505181.3	5410460.8
T10460.0	505183.7	5410460.8	75382.50000	436.50	0	48.847096	-86.929344	56678.82	56247	2.95	56681.77	56681.76953	56767.66533	56767.66406	505183.7	5410460.8
T10460.0	505183.7	5410460.8	75382.60156	436.84	0	48.847096	-86.929344	56679.50	56247	2.95	56682.45	56682.44922	56769.34808	56769.34766	505183.7	5410460.8
T10460.0	505185.1	5410460.8	75382.79688	434.62	0	48.847096	-86.929326	56680.12	56247	2.95	56683.07	56683.07031	56769.75104	56769.75000	505185.1	5410460.8
T10460.0	505186.0	5410460.8	75382.79688	434.48	0	48.847096	-86.929313	56681.09	56247	2.95	56684.04	56684.03906	56778.68239	56778.68359	505186.0	5410460.8
T10460.0	505186.0	5410460.8	75382.89844	432.20	0	48.847096	-86.929313	56681.95	56247	2.95	56684.90	56684.89844	56785.14655	56785.14844	505186.0	5410460.8
T10460.0	505187.2	5410460.9	75383.00000	428.76	0	48.847096	-86.929297	56682.62	56247.1	2.95	56685.57	56685.57031	56787.23444	56787.23438	505187.2	5410460.9
T10460.0	505188.6	5410460.8	75383.10156	429.01	0	48.847096	-86.929278	56683.28	56247.1	2.95	56686.22	56686.21875	56789.01492	56789.01563	505188.6	5410460.8
T10460.0	505189.6	5410460.8	75383.20313	432.00	0	48.847096	-86.929265	56683.79	56247.1	2.94	56686.74	56686.73828	56787.86130	56787.85938	505189.6	5410460.8
T10460.0	505189.6	5410460.8	75383.29688	433.93	0	48.847096	-86.929265	56684.73	56247.1	2.94	56687.67	56687.67188	56796.68968	56796.69141	505189.6	5410460.8
T10460.0	505190.9	5410460.8	75383.39844	436.38	0	48.847096	-86.929246	56685.48	56247.1	2.94	56688.42	56688.42188	56801.39517	56801.39453	505190.9	5410460.8
T10460.0	505191.8	5410460.8	75383.50000	435.60	0	48.847096	-86.929235	56686.16	56247.1	2.93	56689.10	56689.10156	56804.61133	56804.60938	505191.8	5410460.8
T10460.0	505191.8	5410460.8	75383.60156	436.28	0	48.847096	-86.929235	56686.92	56247.1	2.93	56689.85	56689.85156	56809.68892	56809.68750	505191.8	5410460.8
T10460.0	505192.8	5410460.8	75383.70313	439.06	0	48.847096	-86.929221	56687.73	56247.1	2.93	56690.66	56690.66016	56816.39170	56816.39063	505192.8	5410460.8
T10460.0	505194.3	5410460.7	75383.79688	439.11	0	48.847095	-86.929201	56688.74	56247.1	2.93	56691.66	56691.66016	56827.83102	56827.83203	505194.3	5410460.7
T10460.0	505194.3	5410460.7	75383.89844	438.78	0	48.847095	-86.929201	56689.55	56247.1	2.92	56692.47	56692.46875	56834.92277	56834.92188	505194.3	5410460.7
T10460.0	505195.6	5410460.7	75384.00000	437.85	0	48.847095	-86.929183	56690.66	56247.1	2.92	56693.58	56693.57813	56849.38639	56849.38672	505195.6	5410460.7
T10460.0	505196.7	5410460.7	75384.20313	437.81	0	48.847095	-86.929168	56691.24	56247.1	2.92	56694.16	56694.16016	56851.37693	56851.37500	505196.7	5410460.7
T10460.0	505197.6	5410460.7	75384.29688	425.47	0	48.847095	-86.929156	56691.63	56247.1	2.93	56694.55	56694.55078	56849.02665	56849.02734	505197.6	5410460.7
T10460.0	505197.6	5410460.7	75384.39844	423.57	0	48.847095	-86.929156	56691.91	56247.1	2.93	56694.83	56694.82813	56844.25045	56844.25000	505197.6	5410460.7
T10460.0	505199.2	5410460.7	75384.50000	424.15	0	48.847095	-86.929134	56692.68	56247.1	2.93	56695.61	56695.60938	56851.63655	56851.63672	505199.2	5410460.7
T10460.0	505200.4	5410460.7	75384.50000	423.06	0	48.847095	-86.929117	56693.07	56247.1	2.93	56696.00	56696.00000	56849.90460	56849.90625	505200.4	5410460.7
T10460.0	505201.5	5410460.7	75384.70313	420.50	0	48.847095	-86.929102	56694.10	56247.1	2.93	56697.03	56697.03125	56863.68564	56863.68750	505201.5	5410460.7
T10460.0	505201.5	5410460.7	75384.79688	420.08	0	48.847095	-86.929102	56694.56	56247.1	2.94	56697.50	56697.50000	56864.28617	56864.28516	505201.5	5410460.7
T10460.0	505203.3	5410460.7	75384.89844	418.01	0	48.847095	-86.929077	56694.94	56247.1	2.94	56697.88	56697.87891	56862.94602	56862.94531	505203.3	5410460.7
T10460.0	505204.3	5410460.8	75385.00000	420.24	0	48.847095	-86.929064	56695.64	56247.1	2.94	56698.58	56698.57813	56869.47009	56869.46875	505204.3	5410460.8
T10460.0	505205.4	5410460.8	75385.10156	420.22	0	48.847096	-86.929048	56696.06	56247.1	2.94	56699.00	56699.00000	56869.51172	56869.51172	505205.4	5410460.8

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
T10460.0	505205.4	5410460.8	75385.20313	419.49	0	48.847096	-86.929048	56696.40	56247.1	2.94	56699.34	56699.33984	56867.85390	56867.85547	505205.4	5410460.8
T10460.0	505206.8	5410460.8	75385.29688	418.38	0	48.847096	-86.929029	56697.06	56247.1	2.94	56700.00	56700.00000	56874.06188	56874.06250	505206.8	5410460.8
T10460.0	505208.4	5410460.8	75385.39844	419.69	0	48.847096	-86.929008	56697.32	56247.1	2.94	56700.26	56700.26172	56870.91902	56870.91797	505208.4	5410460.8
T10460.0	505209.4	5410460.8	75385.50000	419.86	0	48.847096	-86.928994	56698.01	56247.1	2.94	56700.95	56700.94922	56878.27249	56878.27344	505209.4	5410460.8
T10460.0	505209.4	5410460.8	75385.50000	420.68	0	48.847096	-86.928994	56698.18	56247.1	2.94	56701.12	56701.12109	56873.40547	56873.40625	505209.4	5410460.8
T10460.0	505210.8	5410460.8	75385.60156	420.37	0	48.847096	-86.928975	56698.96	56247.1	2.94	56701.90	56701.89844	56883.33848	56883.33984	505210.8	5410460.8
T10460.0	505212.0	5410460.8	75385.70313	422.46	0	48.847096	-86.928958	56698.84	56247.1	2.94	56701.78	56701.78125	56871.96348	56871.96484	505212.0	5410460.8
T10460.0	505213.3	5410460.9	75385.89844	423.03	0	48.847096	-86.928942	56699.48	56247.1	2.94	56702.42	56702.42188	56878.97414	56878.97266	505213.3	5410460.9
T10460.0	505213.3	5410460.9	75385.89844	424.11	0	48.847096	-86.928942	56699.57	56247.1	2.94	56702.51	56702.51172	56873.04455	56873.04297	505213.3	5410460.9
T10460.0	505214.7	5410460.9	75386.10156	426.13	0	48.847096	-86.928922	56699.79	56247.1	2.94	56702.72	56702.71875	56870.19488	56870.19531	505214.7	5410460.9
T10460.0	505216.3	5410460.9	75386.20313	424.97	0	48.847096	-86.928900	56700.38	56247.1	2.93	56703.31	56703.30859	56876.64113	56876.64063	505216.3	5410460.9
T10460.0	505216.3	5410460.9	75386.20313	424.48	0	48.847096	-86.928900	56700.51	56247.1	2.93	56703.44	56703.44141	56872.29564	56872.29688	505216.3	5410460.9
T10460.0	505218.0	5410460.9	75386.29688	433.59	0	48.847097	-86.928878	56700.71	56247.1	2.93	56703.64	56703.64063	56869.83040	56869.83203	505218.0	5410460.9
T10460.0	505219.3	5410460.9	75386.39844	432.89	0	48.847097	-86.928859	56701.01	56247.1	2.92	56703.93	56703.92969	56869.72196	56869.72266	505219.3	5410460.9
T10460.0	505219.3	5410460.9	75386.50000	432.67	0	48.847097	-86.928859	56700.71	56247.1	2.92	56703.63	56703.62891	56855.70814	56855.70703	505219.3	5410460.9
T10460.0	505220.8	5410460.9	75386.60156	433.10	0	48.847097	-86.928838	56701.18	56247.1	2.91	56704.09	56704.08984	56860.06850	56860.07031	505220.8	5410460.9
T10460.0	505222.0	5410461.0	75386.70313	433.10	0	48.847097	-86.928822	56701.24	56247.1	2.90	56704.14	56704.14063	56854.82354	56854.82422	505222.0	5410461.0
T10460.0	505222.0	5410461.0	75386.89844	432.94	0	48.847097	-86.928822	56701.33	56247.1	2.89	56704.22	56704.21875	56850.49236	56850.49219	505222.0	5410461.0
T10460.0	505223.6	5410461.0	75386.89844	432.83	0	48.847097	-86.928802	56701.71	56247.1	2.89	56704.61	56704.60938	56853.76794	56853.76953	505223.6	5410461.0
T10460.0	505224.8	5410461.0	75387.00000	432.30	0	48.847098	-86.928785	56701.65	56247.1	2.89	56704.54	56704.53906	56846.23525	56846.23438	505224.8	5410461.0
T10460.0	505226.0	5410461.1	75387.10156	434.01	0	48.847098	-86.928769	56701.94	56247.1	2.89	56704.83	56704.82813	56847.49960	56847.50000	505226.0	5410461.1
T10460.0	505226.0	5410461.1	75387.20313	433.83	0	48.847098	-86.928769	56702.01	56247.1	2.89	56704.90	56704.89844	56843.68901	56843.68750	505226.0	5410461.1
T10460.0	505227.5	5410461.1	75387.29688	433.75	0	48.847098	-86.928747	56702.11	56247.1	2.90	56705.00	56705.00000	56840.77854	56840.77734	505227.5	5410461.1
T10460.0	505229.2	5410461.1	75387.39844	433.25	0	48.847099	-86.928725	56702.13	56247.1	2.90	56705.02	56705.01953	56836.13470	56836.13281	505229.2	5410461.1
T10460.0	505230.5	5410461.2	75387.50000	433.32	0	48.847099	-86.928706	56701.98	56247.1	2.90	56704.88	56704.87891	56827.84125	56827.83984	505230.5	5410461.2
T10460.0	505230.5	5410461.2	75387.60156	433.54	0	48.847099	-86.928706	56701.89	56247.1	2.90	56704.79	56704.78906	56820.91638	56820.91797	505230.5	5410461.2
T10460.0	505232.0	5410461.2	75387.70313	433.75	0	48.847099	-86.928686	56701.83	56247.1	2.90	56704.73	56704.73047	56814.87833	56814.87891	505232.0	5410461.2
T10460.0	505233.5	5410461.2	75387.79688	434.77	0	48.847099	-86.928667	56702.14	56247.1	2.91	56705.04	56705.03906	56817.85367	56817.85547	505233.5	5410461.2
T10460.0	505233.5	5410461.2	75387.89844	432.51	0	48.847099	-86.928667	56702.04	56247.1	2.91	56704.95	56704.94922	56811.42621	56811.42578	505233.5	5410461.2
T10460.0	505235.1	5410461.3	75388.00000	433.02	0	48.847100	-86.928644	56702.01	56247.1	2.91	56704.92	56704.92188	56806.59177	56806.58984	505235.1	5410461.3
T10460.0	505236.6	5410461.3	75388.10156	434.22	0	48.847100	-86.928624	56702.04	56247.1	2.91	56704.95	56704.94922	56803.34640	56803.34766	505236.6	5410461.3
T10460.0	505236.6	5410461.3	75388.20313	432.58	0	48.847100	-86.928624	56701.66	56247.1	2.91	56704.57	56704.57031	56790.44730	56790.44922	505236.6	5410461.3
T10460.0	505237.8	5410461.3	75388.29688	434.20	0	48.847100	-86.928607	56701.36	56247.1	2.92	56704.27	56704.26953	56779.60738	56779.60547	505237.8	5410461.3
T10460.0	505239.1	5410461.4	75388.50000	433.65	0	48.847101	-86.928590	56701.44	56247.1	2.92	56704.36	56704.35938	56778.23521	56778.23438	505239.1	5410461.4
T10460.0	505239.1	5410461.4	75388.50000	434.19	0	48.847101	-86.928590	56701.13	56247.1	2.92	56704.04	56704.03906	56767.19668	56767.19531	505239.1	5410461.4
T10460.0	505240.6	5410461.4	75388.60156	433.82	0	48.847101	-86.928569	56700.92	56247.1	2.92	56703.84	56703.83984	56759.16094	56759.16016	505240.6	5410461.4
T10460.0	505242.0	5410461.5	75388.70313	434.12	0	48.847101	-86.928551	56700.66	56247.1	2.92	56703.58	56703.57813	56749.81932	56749.82031	505242.0	5410461.5
T10460.0	505242.0	5410461.5	75388.79688	434.19	0	48.847101	-86.928551	56700.69	56247.1	2.93	56703.61	56703.60938	56747.53661	56747.53516	505242.0	5410461.5
T10460.0	505243.9	5410461.5	75388.89844	433.19	0	48.847102	-86.928525	56700.90	56247.1	2.93	56703.83	56703.82813	56749.91701	56749.91797	505243.9	5410461.5
T10460.0	505245.4	5410461.6	75389.00000	432.57	0	48.847102	-86.928504	56700.66	56247.1	2.93	56703.59	56703.58984	56741.41292	56741.41406	505245.4	5410461.6
T10460.0	505246.7	5410461.6	75389.10156	430.42	0	48.847103	-86.928486	56700.56	56247.1	2.93	56703.49	56703.48828	56736.36700	56736.36719	505246.7	5410461.6
T10460.0	505246.7	5410461.6	75389.20313	430.50	0	48.847103	-86.928486	56700.25	56247.1	2.93	56703.18	56703.17969	56726.40525	56726.40625	505246.7	5410461.6
T10460.0	505248.0	5410461.7	75389.29688	431.21	0	48.847103	-86.928469	56699.87	56247.1	2.93	56702.79	56702.78906	56714.63148	56714.63281	505248.0	5410461.7
T10460.0	505249.2	5410461.7	75389.50000	432.01	0	48.847103	-86.928451	56699.79	56247.1	2.92	56702.71	56702.71094	56710.36667	56710.36719	505249.2	5410461.7
T10460.0	505250.5	5410461.7	75389.50000	422.05	0	48.847104	-86.928435	56699.69	56247.1	2.92	56702.61	56702.60938	56705.71493	56705.71484	505250.5	5410461.7
T10460.0	505250.5	5410461.7	75389.60156	422.42	0	48.847104	-86.928435	56699.21	56247.1	2.92	56702.14	56702.14063	56692.30211	56692.30078	505250.5	5410461.7
T10460.0	505251.7	5410461.8	75389.70313	437.69	0	48.847104	-86.928418	56699.22	56247.1	2.92	56702.15	56702.14844	56690.44875	56690.44922	505251.7	5410461.8
T10460.0	505251.7	5410461.8	75389.79688	436.89	0	48.847104	-86.928418	56698.93	56247.1	2.92	56701.85	56701.85156	56681.25926	56681.25781	505251.7	5410461.8
T10460.0	505253.3	5410461.8	75389.89844	437.95	0	48.847105	-86.928395	56699.18	56247.1	2.92	56702.10	56702.10156	56685.29327	56685.29297	505253.3	5410461.8
T10460.0	505254.8	5410461.9	75390.10156	438.45	0	48.847105	-86.928376	56698.52	56247.1	2.92	56701.44	56701.44141	56667.63397	56667.63281	505254.8	5410461.9
T10460.0	505256.3	5410461.9	75390.20313	436.67	0	48.847106	-86.928355	56698.74	56247.1	2.92	56701.66	56701.66016	56671.07939	56671.07813	505256.3	5410461.9
T10460.0	505256.3	5410461.9	75390.20313	423.02	0	48.847106	-86.928355	56698.32	56247.1	2.92	56701.24	56701.23828	56659.27799	56659.27734	505256.3	5410461.9
T10460.0	505257.7	5410462.0	75390.29688	421.76	0	48.847106	-86.928336	56698.37	56247.1	2.92	56701.29	56701.28906	56658.76748	56658.76563	505257.7	5410462.0
T10460.0	505259.0	5410462.0	75390.39844	433.64	0	48.847106	-86.928319	56698.20	56247.1	2.92	56701.12	56701.12109	56653.04351	56653.04297	505259.0	5410462.0
T10460.0	505259.0	5410462.0	75390.50000	433.65	0	48.847106	-86.928319	56698.01	56247.1	2.92	56700.93	56700.92969	56646.88368	56646.88281	505259.0	5410462.0
T10460.0	505260.6	5410462.1	75390.60156	434.38	0	48.847107	-86.928297	56697.98	56247.1	2.92	56700.90	56700.89844	56644.58736	56644.58594	505260.6	5410462.1
T10460.0	505261.6	5410462.1	75390.70313	435.73	0	48.847107	-86.928284	56697.70	56247.1	2.92	56700.62	56700.62109	56636.34572	56636.34766	505261.6	5410462.1
T10460.0	505261.6	5410462.1	75390.79688	435.82	0	48.847107	-86.928284	56697.96	56247.1	2.92	56700.88	56700.87891	56641.04468	56641.04297	505261.6	5410462.1
T10460.0	505262.8	5410462.1	75390.89844	436.07	0	48.847107	-86.928267	56697.65	56247.1	2.92	56700.57	56700.57031	56632.13690	56632.13672	505262.8	5410462.1
T10460.0	505262.8	5410462.1	75391.00000	434.78	0	48.847107	-86.928267	56697.82	56247.1	2.92	56700.74	56700.73828	56634.72557	56634.72656	505262.8	5410462.1
T10460.0	505265.5	5410462.2	75391.10156	433.49	0	48.847108	-86.928230	56697.49	56247.1	2.92	56700.41	56700.41016	56625.37204	56625.37109	505265.5	5410462.2
T10460.0	505265.5	5410462.2	75391.20313	433.62	0	48.847108	-86.928230	56697.81	56247.1	2.92	56700.73	56700.73047	56631.57085	56631.57031	505265.5	5410462.2
T10460.0	505266.6	5410462.2	75391.29688	434.26	0	48.847108	-86.928214	56697.65	56247.1	2.92	56700.57	56700.57031	56626.29660	56626.29688	505266.6	5410462.2
T10460.0	505266.6	5410462.2	75391.39844	434.53	0	48.847108	-86.928214	56697.63	56247.1	2.92	56700.55	56700.55078	56624.37046	56624.37109	505266.6	5410462.2
T10460.0	505268.0	5410462.3	75391.50000	434.28	0	48.847108	-86.928196	56697.29	56247.1	2.92	56700.21	56700.21094	56614.78839	56614.78906	505268.0	5410462.3
T10460.0	505269.4	5410462.3	75391.60156	433.20	0	48.847109	-86.928177	56697.21	56247.1	2.93	56700.14	56700.14063	56611.65431	56611.65625	505269.4	5410462.3
T10460.0	505269.4	5410462.3	75391.70313	433.75	0	48.847109	-86.928177	56697.24	56247.1	2.93	56700.16	56700.16016	56610.65979	56610.66016	505269.4	5410462.3
T10460.0	505270.9	5410462.3	75391.79688	434.78	0	48.847109	-86.928156	56697.08	56247.1	2.93	56700.01	56700.01172	56605.58347	56605.58203	505270.9	5410462.3
T10460.0	505272.3	5410462.4	75391.89844	432.22	0	48.847109	-86.928137	56697.39	56247.1	2.93	56700.32	56700.32031	56611.48600	56611.48438	505272.3	5410462.4
T10460.0	505273.5	5410462.4	75392.00000	430.78	0	48.847109	-86.928121	56697.42	56247.1	2.93	56700.35	56700.35156	56610.66833	56610.66797	505273.5	5410462.4
T10460.0	505274.6	5410462.4	75392.10156	432.61	0	48.847110	-86.928106	56697.63	56247.1	2.93	56700.55	56700.55078	56613.88708	56613.88672	505274.6	5410462.4
T10460.0	505274.6	5410462.4	75392.29688	434.19	0	48.847110	-86.928106	56697.32	56247.1	2.92	56700.24	56700.23828	56604.87811	56604.87891	505274.6	5410462.4
T10460.0	505275.9	5410462.4	75392.29688	424.00	0	48.847110	-86.928089	56697.55	56247.1	2.92	56700.47	56700.46875	56608.74560	56608.74609	505275.9	5410462.4
T10460.0	505275.9	5410462.4	75392.39844	425.02	0	48.847110	-86.928089	56697.49	56247.1	2.92	56700.41	56700.41016	56605.63876	56605.64063	505275.9	5410462.4
T10460.0	505276.9	5410462.5	75392.50000	436.86	0	48.847110	-86.928074	56697.65	56247.1	2.92	56700.56	56700.55859	56607.51025	56607.51172	505276.9	5410462.5
T10460.0	505277.8	5410462.5	75392.60156	436.23	0	48.847110	-86.928062	56697.63	56247.1	2.91	56700.54	56700.53906	56605.27000	56605.26953	505277.8	5410462.5
T10460.0	505278.9	5410462.5	75392.79688	437.80	0	48.847110	-86.928047	56697.83	56247.1	2.91	56700.73	56700.73047	56608.00140	56608.00000	505278.9	5410462.5
T10460.0	505279.9	5410462.5	75392.79688	424.78	0	48.847110	-86.928033	56698.04	56247.1	2.91	56700.94	56700.94141	56611.15797	56611.15625	505279.9	5410462.5
T10460.0	505279.9	5410462.5	75392.89844	424.98	0	48.847110	-86.928033	56697.96	56247.1	2.90	56700.86	56700.85938	56607.32385	56607.32422	505279.9	5410462.5
T10460.0	505281.2	5410462.5	75393.00000	433.83	0	48.847111	-86.928016	56698.38	56247.1	2.90	56701.28	56701.28125	56615.38681	56615.38672	505281.2	5410462.5
T10460.0	505282.0	5410462.5	75393.10156	432.62	0	48.847111	-86.928005	56698.37	56247.1	2.90	56701.27	56701.26953	56613.10562	56613.10547	505282.0	5410462.5
T10460.0	505283.1	5410462.5	75393.29688	432.03	0	48.847111	-86.927990	56698.57	56247.1	2.90	56701.47	56701.46875	56615.78146	56615.78125	505283.1	5410462.5
T10460.0	505283.1	5410462.5	75393.29688	432.16	0	48.847111	-86.927990	56698.71	56247.1	2.90	56701.61	56701.60938	56616.95545	56616.95703	505283.1	5410462.5
T10460.0	505284.0	5410462.5	75393.39844	430.71	0	48.847111	-86.927977	56698.57	56247.1	2.90	56701.47	56701.46875	56611.36446	56611.36328	505284.0	5410462.5
T10460.0	505285.1	5410462.5	75393.50000	430.70	0	48.847111	-86.927962	56698.79	56247.1	2.90	56701.69	56701.69141	56614.31004	56614.30859	505285.1	5410462.5
T10460.0	505286.0	5410462.5	75393.60156	431.63	0	48.847110	-86.927951	56699.06	56247.1	2.90	56701.96	56701.96094	56618.37721	56618.37891	505286.0	5410462.5
T10460.0	505286.0	5410462.5	75393.70313	431.16	0	48.847110	-86.927951	56699.48	56247.1	2.90	56702.38	56702.37891	56625.95514	56625.95703	505286.0	5410462.5
T10460.0	505287.0	5410462.5	75393.79688	431.80	0	48.847110	-86.927937	56699.46	56247.1	2.90	56702.36	56702.35938	56622.93369	56622.93359	505287.0	5410462.5
T10460.0	505288.0	5410462.5	75393.89844	432.02	0	48.847110	-86.927923	56699.61	56247.1	2.90	56702.51	56702.51172	56623.89756	56623.89844	505288.0	5410462.5
T10460.0	505288.9	5410462.5	75394.00000	433.96	0	48.847110	-86.927911	56699.78	56247.1	2.90	56702.68	56702.67969	56625.25827	56625.25781	505288.9	5410462.5
T10460.0	505288.9	5410462.5	75394.10156	433.16	0	48.847110	-86.927911	56699.99	56247.1	2.90	56702.89	56702.89063	56627.49255	56627.49219	505288.9	5410462.5
T10460.0	505289.9	5410462.5	75394.20313	434.04	0	48.847110	-86.927897	56700.28	56247.1	2.90	56703.18	56703.17969	56631.55551	56631.55469	505289.9	5410462.5
T10460.0	505291.1	5410462.5	75394.29688	434.72	0	48.847110	-86.927881	56700.54	56247.1	2.90	56703.44	56703.44141	56634.81557	56634.81641	505291.1	5410462.5

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
T10460.0	505292.1	5410462.5	75394.39844	434.31	0	48.847110	-86.927867	56700.93	56247.1	2.90	56703.83	56703.82813	56641.09758	56641.09766	505292.1	5410462.5
T10460.0	505292.1	5410462.5	75394.50000	433.25	0	48.847110	-86.927867	56701.02	56247.1	2.90	56703.92	56703.92188	56640.11830	56640.11719	505292.1	5410462.5
T10460.0	505293.2	5410462.4	75394.60156	433.94	0	48.847110	-86.927853	56701.33	56247.1	2.90	56704.23	56704.23047	56644.31128	56644.31250	505293.2	5410462.4
T10460.0	505294.2	5410462.4	75394.70313	434.36	0	48.847109	-86.927838	56701.57	56247.1	2.90	56704.47	56704.46875	56646.74127	56646.74219	505294.2	5410462.4
T10460.0	505294.2	5410462.4	75394.79688	433.44	0	48.847109	-86.927838	56702.02	56247.1	2.90	56704.92	56704.92188	56654.10314	56654.10156	505294.2	5410462.4
T10460.0	505295.2	5410462.4	75394.89844	432.76	0	48.847109	-86.927825	56702.36	56247.1	2.90	56705.26	56705.26172	56658.74453	56658.74609	505295.2	5410462.4
T10460.0	505296.2	5410462.4	75395.00000	432.99	0	48.847109	-86.927811	56702.52	56247.1	2.90	56705.42	56705.42188	56658.99131	56658.99219	505296.2	5410462.4
T10460.0	505296.2	5410462.4	75395.10156	434.59	0	48.847109	-86.927811	56702.80	56247.1	2.90	56705.70	56705.69922	56662.01698	56662.01563	505296.2	5410462.4
T10460.0	505297.2	5410462.3	75395.20313	434.47	0	48.847109	-86.927798	56702.95	56247.1	2.91	56705.86	56705.85938	56662.08259	56662.08203	505297.2	5410462.3
T10460.0	505298.1	5410462.3	75395.29688	435.27	0	48.847108	-86.927786	56703.32	56247.1	2.91	56706.22	56706.21875	56666.84016	56666.83984	505298.1	5410462.3
T10460.0	505298.1	5410462.3	75395.39844	435.88	0	48.847108	-86.927786	56703.54	56247.1	2.91	56706.46	56706.46094	56668.63800	56668.63672	505298.1	5410462.3
T10460.0	505299.1	5410462.2	75395.50000	435.50	0	48.847108	-86.927772	56703.88	56247.1	2.92	56706.79	56706.78906	56672.49806	56672.50000	505299.1	5410462.2
T10460.0	505300.1	5410462.2	75395.60156	436.25	0	48.847108	-86.927758	56704.29	56247.1	2.92	56707.20	56707.19922	56678.18170	56678.18359	505300.1	5410462.2
T10460.0	505300.1	5410462.2	75395.70313	437.64	0	48.847108	-86.927758	56704.56	56247.1	2.92	56707.48	56707.48047	56680.66797	56680.66797	505300.1	5410462.2
T10460.0	505301.0	5410462.1	75395.79688	435.52	0	48.847107	-86.927746	56704.89	56247.1	2.92	56707.82	56707.82031	56684.50093	56684.50000	505301.0	5410462.1
T10460.0	505301.9	5410462.1	75395.89844	436.10	0	48.847107	-86.927734	56705.21	56247.1	2.93	56708.14	56708.14063	56687.76848	56687.76953	505301.9	5410462.1
T10460.0	505301.9	5410462.1	75396.00000	419.68	0	48.847107	-86.927734	56705.30	56247.1	2.93	56708.23	56708.23047	56685.45001	56685.44922	505301.9	5410462.1
T10460.0	505302.8	5410462.0	75396.10156	420.23	0	48.847106	-86.927722	56705.68	56247.1	2.93	56708.61	56708.60938	56689.98101	56689.98047	505302.8	5410462.0
T10460.0	505302.8	5410462.0	75396.20313	429.99	0	48.847106	-86.927722	56705.92	56247.1	2.93	56708.85	56708.85156	56691.08043	56691.08203	505302.8	5410462.0
T10460.0	505303.6	5410462.0	75396.39844	431.52	0	48.847106	-86.927711	56706.40	56247.1	2.93	56709.33	56709.32813	56697.83624	56697.83594	505303.6	5410462.0
T10460.0	505304.3	5410462.0	75396.50000	416.03	0	48.847105	-86.927701	56707.04	56247.1	2.93	56709.97	56709.96875	56708.33692	56708.33594	505304.3	5410462.0
T10460.0	505304.9	5410461.9	75396.50000	416.97	0	48.847105	-86.927692	56707.36	56247.1	2.93	56710.29	56710.28906	56711.10612	56711.10547	505304.9	5410461.9
T10460.0	505304.9	5410461.9	75396.60156	416.63	0	48.847105	-86.927692	56708.00	56247.1	2.93	56710.93	56710.92969	56721.44935	56721.44922	505304.9	5410461.9
T10460.0	505305.6	5410461.9	75396.70313	417.54	0	48.847105	-86.927683	56708.18	56247.1	2.93	56711.11	56711.10938	56720.71680	56720.71875	505305.6	5410461.9
T10460.0	505305.6	5410461.9	75396.79688	433.23	0	48.847105	-86.927683	56708.44	56247.1	2.93	56711.37	56711.37109	56721.82294	56721.82422	505305.6	5410461.9
T10460.0	505306.6	5410461.8	75396.89844	433.96	0	48.847104	-86.927669	56708.44	56247.1	2.93	56711.37	56711.37109	56716.63957	56716.64063	505306.6	5410461.8
T10460.0	505306.6	5410461.8	75397.00000	433.02	0	48.847104	-86.927669	56708.95	56247.1	2.93	56711.88	56711.87891	56723.58116	56723.58203	505306.6	5410461.8
T10460.0	505307.4	5410461.8	75397.10156	432.81	0	48.847104	-86.927658	56709.46	56247.1	2.93	56712.40	56712.39844	56730.69374	56730.69531	505307.4	5410461.8
T10460.0	505308.2	5410461.7	75397.20313	433.01	0	48.847103	-86.927648	56709.94	56247.1	2.93	56712.87	56712.87109	56736.54478	56736.54297	505308.2	5410461.7
T10460.0	505308.7	5410461.7	75397.29688	435.25	0	48.847103	-86.927642	56710.39	56247.1	2.93	56713.32	56713.32031	56741.85396	56741.85547	505308.7	5410461.7
T10460.0	505308.7	5410461.7	75397.39844	434.29	0	48.847103	-86.927642	56710.61	56247.1	2.93	56713.54	56713.53906	56741.60210	56741.60156	505308.7	5410461.7
T10460.0	505309.3	5410461.6	75397.50000	434.99	0	48.847102	-86.927633	56711.02	56247.1	2.94	56713.96	56713.96094	56746.07393	56746.07422	505309.3	5410461.6
T10460.0	505310.0	5410461.6	75397.60156	436.75	0	48.847102	-86.927623	56711.21	56247.1	2.94	56714.15	56714.14844	56744.98973	56744.98828	505310.0	5410461.6
T10460.0	505310.0	5410461.6	75397.70313	434.24	0	48.847102	-86.927623	56711.80	56247.1	2.94	56714.73	56714.73047	56753.17770	56753.17578	505310.0	5410461.6
T10460.0	505310.6	5410461.5	75397.79688	433.52	0	48.847101	-86.927616	56711.86	56247.1	2.94	56714.80	56714.80078	56749.11949	56749.12109	505310.6	5410461.5
T10460.0	505311.1	5410461.5	75397.89844	433.74	0	48.847101	-86.927608	56712.38	56247.1	2.94	56715.32	56715.32031	56755.77361	56755.77344	505311.1	5410461.5
T10460.0	505311.6	5410461.5	75398.10156	434.32	0	48.847101	-86.927601	56712.53	56247.1	2.94	56715.47	56715.46875	56753.53480	56753.53516	505311.6	5410461.5
T10460.0	505312.0	5410461.5	75398.10156	436.65	0	48.847101	-86.927595	56713.34	56247.1	2.94	56716.28	56716.28125	56767.03554	56767.03516	505312.0	5410461.5
T10460.0	505312.6	5410461.4	75398.20313	436.13	0	48.847100	-86.927588	56713.71	56247.1	2.94	56716.65	56716.64844	56769.97525	56769.97656	505312.6	5410461.4
T10460.0	505312.6	5410461.4	75398.29688	433.71	0	48.847100	-86.927588	56714.06	56247.1	2.94	56716.99	56716.98828	56772.16091	56772.16016	505312.6	5410461.4
T10460.0	505313.3	5410461.4	75398.39844	432.81	0	48.847100	-86.927578	56714.16	56247.1	2.94	56717.10	56717.10156	56768.81307	56768.81250	505313.3	5410461.4
T10460.0	505313.7	5410461.4	75398.50000	434.01	0	48.847100	-86.927573	56714.59	56247.1	2.94	56717.53	56717.53125	56773.08650	56773.08594	505313.7	5410461.4
T10460.0	505313.7	5410461.4	75398.60156	434.16	0	48.847100	-86.927573	56715.16	56247.1	2.93	56718.09	56718.08984	56780.44094	56780.44141	505313.7	5410461.4
T10460.0	505314.4	5410461.3	75398.70313	434.50	0	48.847099	-86.927563	56715.39	56247.1	2.93	56718.32	56718.32031	56779.87987	56779.87891	505314.4	5410461.3
T10460.0	505314.8	5410461.3	75398.79688	433.35	0	48.847099	-86.927558	56715.78	56247.1	2.93	56718.71	56718.71094	56783.12341	56783.12500	505314.8	5410461.3
T10460.0	505315.1	5410461.3	75398.89844	433.31	0	48.847099	-86.927553	56716.00	56247.1	2.93	56718.93	56718.92969	56782.28369	56782.28516	505315.1	5410461.3
T10460.0	505315.1	5410461.3	75399.00000	435.63	0	48.847099	-86.927553	56716.27	56247.1	2.93	56719.20	56719.19922	56782.62456	56782.62500	505315.1	5410461.3
T10460.0	505315.6	5410461.3	75399.10156	434.42	0	48.847099	-86.927546	56716.53	56247.1	2.93	56719.46	56719.46094	56782.71450	56782.71484	505315.6	5410461.3
T10460.0	505315.6	5410461.3	75399.20313	433.68	0	48.847099	-86.927546	56716.94	56247.1	2.93	56719.87	56719.87109	56786.38266	56786.38281	505315.6	5410461.3
T10460.0	505316.1	5410461.2	75399.29688	434.30	0	48.847099	-86.927541	56717.40	56247.1	2.93	56720.33	56720.32813	56791.24104	56791.24219	505316.1	5410461.2
T10460.0	505316.5	5410461.2	75399.39844	433.36	0	48.847099	-86.927534	56717.68	56247.1	2.93	56720.62	56720.62109	56792.03216	56792.03125	505316.5	5410461.2
T10460.0	505316.9	5410461.2	75399.50000	433.62	0	48.847099	-86.927529	56718.04	56247.1	2.93	56720.97	56720.96875	56794.25904	56794.25781	505316.9	5410461.2
T10460.0	505316.9	5410461.2	75399.60156	433.26	0	48.847099	-86.927529	56718.27	56247.1	2.94	56721.21	56721.21094	56793.85983	56793.85938	505316.9	5410461.2
T10460.0	505317.4	5410461.2	75399.70313	435.47	0	48.847099	-86.927523	56718.48	56247.1	2.94	56721.41	56721.41016	56792.51159	56792.51172	505317.4	5410461.2
T10460.0	505317.7	5410461.2	75399.79688	434.35	0	48.847098	-86.927518	56718.98	56247.1	2.94	56721.92	56721.92188	56798.58681	56798.58594	505317.7	5410461.2
T10460.0	505318.2	5410461.2	75399.89844	433.01	0	48.847098	-86.927512	56719.21	56247.1	2.94	56722.15	56722.14844	56797.98043	56797.98047	505318.2	5410461.2
T10460.0	505318.2	5410461.2	75400.00000	434.14	0	48.847098	-86.927512	56719.43	56247.1	2.94	56722.37	56722.37109	56797.15194	56797.15234	505318.2	5410461.2
T10460.0	505318.5	5410461.1	75400.10156	433.60	0	48.847098	-86.927507	56719.70	56247.1	2.94	56722.64	56722.64063	56797.53921	56797.53906	505318.5	5410461.1
T10460.0	505318.8	5410461.1	75400.20313	433.88	0	48.847098	-86.927503	56720.00	56247.1	2.94	56722.95	56722.94922	56798.90622	56798.90625	505318.8	5410461.1
T10460.0	505318.8	5410461.1	75400.29688	433.61	0	48.847098	-86.927503	56720.21	56247.1	2.94	56723.15	56723.14844	56797.66924	56797.66797	505318.8	5410461.1
T10460.0	505319.0	5410461.1	75400.39844	432.98	0	48.847097	-86.927500	56720.36	56247.1	2.94	56723.30	56723.30078	56795.26604	56795.26563	505319.0	5410461.1
T10460.0	505319.4	5410461.0	75400.50000	430.65	0	48.847097	-86.927495	56720.70	56247.1	2.94	56723.64	56723.64063	56797.43859	56797.43750	505319.4	5410461.0
T10460.0	505319.6	5410461.0	75400.60156	431.49	0	48.847097	-86.927492	56720.91	56247.1	2.95	56723.86	56723.85938	56796.77707	56796.77734	505319.6	5410461.0
T10460.0	505319.9	5410461.0	75400.70313	432.67	0	48.847096	-86.927489	56721.23	56247.1	2.95	56724.18	56724.17969	56798.54510	56798.54688	505319.9	5410461.0
T10460.0	505320.1	5410460.9	75400.79688	435.14	0	48.847096	-86.927486	56721.41	56247.1	2.95	56724.36	56724.35938	56797.00663	56797.00781	505320.1	5410460.9
T10460.0	505320.1	5410460.9	75400.89844	436.76	0	48.847096	-86.927486	56721.45	56247.1	2.95	56724.40	56724.39844	56792.16449	56792.16406	505320.1	5410460.9
T10460.0	505320.3	5410460.9	75401.00000	436.78	0	48.847095	-86.927483	56721.59	56247.1	2.95	56724.54	56724.53906	56789.76042	56789.76172	505320.3	5410460.9
T10460.0	505320.5	5410460.8	75401.10156	436.74	0	48.847095	-86.927480	56721.66	56247.1	2.95	56724.61	56724.60938	56785.73205	56785.73047	505320.5	5410460.8
T10460.0	505320.7	5410460.8	75401.29688	435.95	0	48.847095	-86.927478	56721.41	56247.1	2.95	56724.36	56724.35938	56774.10398	56774.10547	505320.7	5410460.8
T10460.0	505320.7	5410460.8	75401.29688	437.01	0	48.847095	-86.927478	56721.67	56247.1	2.95	56724.62	56724.62109	56774.72602	56774.72656	505320.7	5410460.8
T10460.0	505320.8	5410460.8	75401.39844	433.85	0	48.847094	-86.927476	56721.89	56247.1	2.95	56724.84	56724.83984	56774.44893	56774.44922	505320.8	5410460.8
T10460.0	505320.9	5410460.7	75401.50000	433.23	0	48.847094	-86.927475	56721.76	56247.1	2.95	56724.71	56724.71094	56765.86241	56765.86328	505320.9	5410460.7
T10460.0	505320.9	5410460.7	75401.60156	435.30	0	48.847094	-86.927475	56721.54	56247.1	2.95	56724.49	56724.48828	56755.18604	56755.18750	505320.9	5410460.7
T10460.0	505321.0	5410460.7	75401.70313	422.97	0	48.847094	-86.927474	56721.62	56247.1	2.95	56724.57	56724.57031	56751.74792	56751.74609	505321.0	5410460.7
T10460.0	505321.0	5410460.7	75401.79688	423.03	0	48.847094	-86.927473	56721.48	56247.1	2.95	56724.43	56724.42969	56743.11595	56743.11719	505321.0	5410460.7
T10460.0	505321.1	5410460.7	75401.89844	431.51	0	48.847094	-86.927473	56721.54	56247.1	2.95	56724.49	56724.48828	56739.33543	56739.33594	505321.1	5410460.7
T10460.0	505321.1	5410460.7	75402.00000	429.62	0	48.847094	-86.927472	56721.45	56247.1	2.95	56724.40	56724.39844	56732.03918	56732.03906	505321.1	5410460.7
T10460.0	505321.1	5410460.7	75402.10156	430.90	0	48.847094	-86.927472	56721.72	56247	2.95	56724.67	56724.67188	56733.42446	56733.42578	505321.1	5410460.7
T10460.0	505321.2	5410460.7	75402.20313	431.82	0	48.847094	-86.927471	56721.61	56247	2.95	56724.56	56724.55859	56725.79811	56725.79688	505321.2	5410460.7
T10460.0	505321.2	5410460.7	75402.29688	432.30	0	48.847094	-86.927471	56721.80	56247	2.95	56724.75	56724.75000	56725.42232	56725.42188	505321.2	5410460.7
T10460.0	505321.2	5410460.8	75402.39844	435.98	0	48.847094	-86.927470	56721.81	56247	2.95	56724.76	56724.76172	56720.82095	56720.82031	505321.2	5410460.8
T10460.0	505321.3	5410460.8	75402.50000	437.86	0	48.847095	-86.927470	56722.03	56247	2.95	56724.98	56724.98047	56721.32143	56721.32031	505321.3	5410460.8
T10460.0	505321.3	5410460.8	75402.60156	440.36	0	48.847095	-86.927470	56722.12	56247	2.96	56725.08	56725.07813	56719.03429	56719.03516	505321.3	5410460.8
T10460.0	505321.3	5410460.8	75402.70313	439.19	0	48.847095	-86.927469	56722.20	56247	2.96	56725.15	56725.14844	56716.11310	56716.11328	505321.3	5410460.8
T10460.0	505321.4	5410460.8	75402.79688	436.88	0	48.847095	-86.927468	56722.06	56247	2.96	56725.01	56725.01172	56708.25502	56708.25391	505321.4	5410460.8
T10460.0	505321.5	5410460.8	75402.89844	434.31	0	48.847095	-86.927467	56722.22	56247	2.96	56725.18	56725.17969	56707.89572	56707.89453	505321.5	5410460.8
T10460.0	505321.5	5410460.8	75403.00000	435.64	0	48.847095	-86.927467	56722.50	56247	2.96	56725.46	56725.46094	56710.25390	56710.25391	505321.5	5410460.8
T10460.0	505321.5	5410460.8	75403.10156	436.58	0	48.847095	-86.927466	56722.70	56247	2.96	56725.65	56725.64844	56710.54820	56710.54688	505321.5	5410460.8
T10460.0	505321.5	5410460.8	75403.20313	437.41	0	48.847095	-86.927466	56722.96	56247	2.96	56725.92	56725.92188	56712.84467	56712.84375	505321.5	5410460.8
T10460.0	505321.5	5410460.8	75403.39844	426.70	0	48.847095	-86.927466	56723.04	56247	2.95	56725.99	56725.98828	56710.44875	56710.44922	505321.5	5410460.8
T10460.0	505321.6	5410460.8	75403.50000	425.92	0	48.847095	-86.927465	56723.22	56247.1	2.95	56726.17	56726.17188	56710.77402	56710.77344	505321.6	5410460.8
T10460.0	505321.6	5410460.8	75403.50000	426.19	0	48.847095	-86.927465	56723.21	56247.1	2.95	56726.16	56726.16016	56706.64745	56706.64844	505321.6	5410460.8
T10460.0	505321.7	5410460.8	75403.60156	425.81	0	48.847095	-86.927464	56723.34	56247.1	2.95	56726.29	56726.28906	56705.96065	56705.96094	505321.7	5410460.8

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
T10460.0	505321.7	5410460.8	75403.70313	435.57	0	48.847095	-86.927464	56723.64	56247.1	2.95	56726.59	56726.58984	56709.43145	56709.42969	505321.7	5410460.8
T10460.0	505321.7	5410460.8	75403.79688	436.07	0	48.847094	-86.927464	56723.91	56247.1	2.94	56726.86	56726.85938	56712.27773	56712.27734	505321.7	5410460.8
T10460.0	505321.7	5410460.7	75403.89844	437.45	0	48.847094	-86.927464	56723.96	56247.1	2.94	56726.90	56726.89844	56709.71728	56709.71875	505321.7	5410460.7
T10460.0	505321.7	5410460.7	75404.00000	435.04	0	48.847094	-86.927463	56724.03	56247.1	2.94	56726.97	56726.96875	56707.96742	56707.96875	505321.7	5410460.7
T10460.0	505321.7	5410460.7	75404.10156	434.73	0	48.847094	-86.927463	56724.42	56247.1	2.94	56727.36	56727.35938	56713.96274	56713.96094	505321.7	5410460.7
T10460.0	505321.8	5410460.7	75404.20313	434.76	0	48.847094	-86.927463	56724.58	56247.1	2.94	56727.52	56727.51953	56714.55139	56714.55078	505321.8	5410460.7
T10460.0	505321.8	5410460.7	75404.29688	434.68	0	48.847094	-86.927463	56724.64	56247.1	2.95	56727.59	56727.58984	56713.08092	56713.08203	505321.8	5410460.7
T10460.0	505321.8	5410460.7	75404.50000	433.89	0	48.847094	-86.927463	56724.70	56247	2.95	56727.65	56727.64844	56711.46399	56711.46484	505321.8	5410460.7
T10460.0	505321.8	5410460.7	75404.50000	433.22	0	48.847094	-86.927463	56724.48	56247	2.95	56727.43	56727.42969	56703.24390	56703.24219	505321.8	5410460.7
T10460.0	505321.8	5410460.7	75404.60156	434.64	0	48.847094	-86.927462	56724.64	56247	2.95	56727.60	56727.60156	56704.44134	56704.44141	505321.8	5410460.7
T10460.0	505321.8	5410460.7	75404.70313	435.47	0	48.847094	-86.927462	56724.61	56247	2.95	56727.56	56727.55859	56700.70834	56700.70703	505321.8	5410460.7
T10460.0	505321.8	5410460.7	75404.79688	434.95	0	48.847094	-86.927462	56724.97	56247	2.96	56727.93	56727.92969	56706.86977	56706.87109	505321.8	5410460.7
T10460.0	505321.8	5410460.6	75404.89844	435.91	0	48.847093	-86.927462	56725.26	56247	2.96	56728.22	56728.21875	56711.20780	56711.20703	505321.8	5410460.6
T10460.0	505321.8	5410460.6	75405.00000	437.82	0	48.847093	-86.927462	56725.35	56247	2.96	56728.31	56728.30859	56710.85200	56710.85156	505321.8	5410460.6
T10460.0	505321.8	5410460.6	75405.10156	439.06	0	48.847093	-86.927462	56725.54	56247	2.96	56728.50	56728.50000	56712.97503	56712.97656	505321.8	5410460.6
T10460.0	505321.8	5410460.6	75405.20313	438.42	0	48.847093	-86.927462	56725.41	56247	2.96	56728.37	56728.37109	56707.53257	56707.53125	505321.8	5410460.6
T10460.0	505321.8	5410460.6	75405.29688	439.58	0	48.847093	-86.927462	56725.82	56247	2.96	56728.78	56728.78125	56715.08794	56715.08984	505321.8	5410460.6
T10460.0	505321.8	5410460.6	75405.39844	440.26	0	48.847093	-86.927462	56725.92	56247	2.96	56728.88	56728.87891	56715.31436	56715.31250	505321.8	5410460.6
T10460.0	505321.8	5410460.6	75405.50000	440.85	0	48.847093	-86.927462	56726.31	56247	2.95	56729.26	56729.26172	56722.31861	56722.32031	505321.8	5410460.6
T10460.0	505321.9	5410460.6	75405.60156	441.45	0	48.847093	-86.927462	56726.08	56247	2.95	56729.03	56729.03125	56714.81723	56714.81641	505321.9	5410460.6
T10460.0	505321.9	5410460.6	75405.70313	440.81	0	48.847093	-86.927461	56726.21	56247	2.95	56729.16	56729.16016	56716.00347	56716.00391	505321.9	5410460.6
T10460.0	505321.9	5410460.6	75405.79688	439.69	0	48.847093	-86.927461	56726.23	56247	2.95	56729.19	56729.19141	56714.87594	56714.87500	505321.9	5410460.6
T10460.0	505321.9	5410460.6	75405.89844	440.00	0	48.847093	-86.927461	56726.39	56247	2.95	56729.34	56729.33984	56716.69351	56716.69531	505321.9	5410460.6
T10460.0	505321.9	5410460.6	75406.10156	441.08	0	48.847093	-86.927461	56726.70	56247	2.95	56729.65	56729.64844	56722.41073	56722.41016	505321.9	5410460.6
T10460.0	505322.0	5410460.6	75406.10156	441.06	0	48.847093	-86.927460	56726.77	56247	2.95	56729.72	56729.71875	56722.46067	56722.46094	505322.0	5410460.6
T10460.0	505322.0	5410460.6	75406.20313	441.86	0	48.847093	-86.927460	56727.11	56247	2.95	56730.06	56730.05859	56729.03648	56729.03516	505322.0	5410460.6
T10460.0	505322.0	5410460.6	75406.29688	440.93	0	48.847093	-86.927460	56726.97	56247	2.96	56729.93	56729.92969	56724.44088	56724.44141	505322.0	5410460.6
T10460.0	505322.0	5410460.6	75406.39844	442.47	0	48.847093	-86.927460	56727.24	56247	2.96	56730.20	56730.19922	56729.47526	56729.47656	505322.0	5410460.6
T10460.0	505322.0	5410460.6	75406.50000	442.83	0	48.847093	-86.927459	56727.34	56247	2.96	56730.30	56730.30078	56730.50724	56730.50781	505322.0	5410460.6
T10460.0	505322.0	5410460.6	75406.60156	443.75	0	48.847093	-86.927459	56727.40	56247	2.96	56730.36	56730.35938	56730.64297	56730.64453	505322.0	5410460.6
T10460.0	505322.0	5410460.6	75406.70313	445.51	0	48.847093	-86.927459	56727.48	56247	2.96	56730.45	56730.44922	56731.55378	56731.55469	505322.0	5410460.6
T10460.0	505322.0	5410460.7	75406.79688	445.94	0	48.847094	-86.927459	56727.45	56247	2.97	56730.41	56730.41016	56729.41109	56729.41016	505322.0	5410460.7
T10460.0	505322.0	5410460.7	75406.89844	444.99	0	48.847094	-86.927459	56727.88	56247	2.97	56730.84	56730.83984	56738.55957	56738.55859	505322.0	5410460.7
T10460.0	505322.0	5410460.7	75407.00000	445.21	0	48.847094	-86.927459	56727.88	56247	2.97	56730.85	56730.85156	56737.71454	56737.71484	505322.0	5410460.7
T10460.0	505322.0	5410460.7	75407.10156	443.78	0	48.847094	-86.927459	56728.14	56247	2.97	56731.11	56731.10938	56742.89439	56742.89453	505322.0	5410460.7
T10460.0	505322.0	5410460.7	75407.20313	444.73	0	48.847094	-86.927459	56728.17	56247	2.97	56731.14	56731.14063	56742.61833	56742.61719	505322.0	5410460.7
T10460.0	505322.0	5410460.7	75407.29688	444.74	0	48.847094	-86.927459	56728.26	56247	2.97	56731.23	56731.23047	56743.81795	56743.81641	505322.0	5410460.7
T10460.0	505322.0	5410460.7	75407.39844	444.88	0	48.847094	-86.927459	56728.32	56247	2.97	56731.29	56731.28906	56744.33812	56744.33984	505322.0	5410460.7
T10460.0	505322.0	5410460.7	75407.50000	446.87	0	48.847094	-86.927459	56728.58	56247	2.97	56731.55	56731.55078	56749.67556	56749.67578	505322.0	5410460.7
T10460.0	505322.0	5410460.7	75407.60156	446.08	0	48.847094	-86.927459	56728.61	56247	2.97	56731.58	56731.57813	56749.54485	56749.54297	505322.0	5410460.7
T10460.0	505322.0	5410460.7	75407.70313	449.21	0	48.847094	-86.927460	56728.47	56247	2.97	56731.44	56731.44141	56745.37752	56745.37891	505322.0	5410460.7
T10460.0	505322.0	5410460.7	75407.79688	448.10	0	48.847094	-86.927460	56728.47	56247	2.97	56731.44	56731.44141	56744.58311	56744.58203	505322.0	5410460.7
T10460.0	505322.0	5410460.7	75407.89844	448.12	0	48.847094	-86.927460	56728.38	56247	2.97	56731.35	56731.35156	56741.65849	56741.66016	505322.0	5410460.7
T10460.0	505322.0	5410460.7	75408.00000	447.54	0	48.847094	-86.927460	56728.48	56247	2.97	56731.45	56731.44922	56743.29574	56743.29688	505322.0	5410460.7
T10460.0	505322.0	5410460.7	75408.10156	447.30	0	48.847094	-86.927460	56728.50	56247	2.97	56731.47	56731.46875	56743.03514	56743.03516	505322.0	5410460.7
T10460.0	505322.0	5410460.7	75408.20313	448.51	0	48.847094	-86.927460	56728.88	56247	2.97	56731.85	56731.85156	56751.39465	56751.39453	505322.0	5410460.7
T10460.0	505322.0	5410460.7	75408.29688	450.72	0	48.847094	-86.927460	56728.98	56247	2.97	56731.95	56731.94922	56753.06694	56753.06641	505322.0	5410460.7
T10460.0	505322.0	5410460.7	75408.39844	450.85	0	48.847094	-86.927460	56729.18	56247	2.97	56732.15	56732.14844	56757.13514	56757.13672	505322.0	5410460.7
T10460.0	505322.0	5410460.7	75408.50000	450.07	0	48.847094	-86.927460	56729.14	56247	2.96	56732.11	56732.10938	56755.46554	56755.46484	505322.0	5410460.7
T10460.0	505322.0	5410460.7	75408.60156	450.22	0	48.847094	-86.927460	56729.02	56247	2.96	56731.98	56731.98047	56751.64139	56751.64063	505322.0	5410460.7
T10460.0	505322.0	5410460.7	75408.70313	450.43	0	48.847094	-86.927460	56729.04	56247	2.96	56732.00	56732.00000	56751.39804	56751.39844	505322.0	5410460.7
T10460.0	505322.0	5410460.7	75408.79688	451.09	0	48.847094	-86.927460	56729.22	56247	2.96	56732.18	56732.17969	56754.97097	56754.97266	505322.0	5410460.7
T10460.0	505322.0	5410460.7	75408.89844	450.69	0	48.847094	-86.927460	56729.35	56247	2.96	56732.31	56732.30859	56757.33495	56757.33594	505322.0	5410460.7
T10460.0	505322.0	5410460.7	75409.00000	451.47	0	48.847094	-86.927460	56729.24	56247	2.96	56732.20	56732.19922	56753.94299	56753.94141	505322.0	5410460.7
T10460.0	505322.0	5410460.7	75409.10156	450.93	0	48.847094	-86.927460	56729.54	56247	2.96	56732.50	56732.50000	56760.33437	56760.33594	505322.0	5410460.7
T10460.0	505322.0	5410460.7	75409.20313	450.48	0	48.847094	-86.927460	56729.56	56247	2.96	56732.52	56732.51953	56760.00593	56760.00781	505322.0	5410460.7
T10460.0	505322.0	5410460.7	75409.29688	450.51	0	48.847094	-86.927460	56729.84	56247	2.97	56732.80	56732.80078	56765.86660	56765.86719	505322.0	5410460.7
T10460.0	505322.0	5410460.7	75409.39844	451.18	0	48.847094	-86.927460	56730.02	56247	2.97	56732.98	56732.98047	56769.30424	56769.30469	505322.0	5410460.7
T10460.0	505322.0	5410460.7	75409.50000	452.31	0	48.847094	-86.927460	56730.00	56247	2.97	56732.97	56732.96875	56768.16305	56768.16406	505322.0	5410460.7
T10460.0	505322.0	5410460.7	75409.60156	453.39	0	48.847094	-86.927460	56730.09	56247	2.97	56733.06	56733.05859	56769.37386	56769.37500	505322.0	5410460.7
T10460.0	505322.0	5410460.7	75409.60156	453.39	0	48.847094	-86.927460	56730.08	56247	2.97	56733.05	56733.05078	56768.15053	56768.15234	505322.0	5410460.7
T10460.0	505321.9	5410460.7	75409.79688	454.33	0	48.847094	-86.927460	56729.98	56247	2.98	56732.96	56732.96094	56764.96760	56764.96875	505321.9	5410460.7
T10460.0	505321.9	5410460.7	75409.79688	454.33	0	48.847094	-86.927460	56730.08	56247	2.98	56733.05	56733.05078	56766.03856	56766.03906	505321.9	5410460.7
T10460.0	505321.9	5410460.7	75410.00000	455.55	0	48.847094	-86.927460	56730.12	56247	2.98	56733.10	56733.10156	56766.09906	56766.09766	505321.9	5410460.7
T10460.0	505321.9	5410460.7	75410.10156	453.29	0	48.847094	-86.927460	56730.14	56247	2.98	56733.12	56733.12109	56765.38455	56765.38281	505321.9	5410460.7
T10460.0	505322.0	5410460.7	75410.20313	454.01	0	48.847094	-86.927460	56730.23	56247	2.98	56733.21	56733.21094	56766.28262	56766.28125	505322.0	5410460.7
T10460.0	505322.0	5410460.7	75410.29688	453.12	0	48.847094	-86.927460	56730.27	56247	2.97	56733.24	56733.23828	56765.68106	56765.67969	505322.0	5410460.7
T10460.0	505322.0	5410460.6	75410.39844	453.16	0	48.847093	-86.927460	56730.18	56247	2.97	56733.15	56733.14844	56762.14156	56762.14063	505322.0	5410460.6
T10460.0	505322.0	5410460.6	75410.50000	454.08	0	48.847093	-86.927460	56730.20	56247	2.97	56733.17	56733.17188	56761.16037	56761.16016	505322.0	5410460.6
T10460.0	505322.0	5410460.6	75410.60156	455.00	0	48.847093	-86.927460	56730.13	56247	2.97	56733.10	56733.10156	56757.95151	56757.95313	505322.0	5410460.6
T10460.0	505322.0	5410460.6	75410.70313	454.18	0	48.847093	-86.927460	56730.20	56247	2.97	56733.16	56733.16016	56757.77219	56757.77344	505322.0	5410460.6
T10460.0	505322.0	5410460.6	75410.79688	452.98	0	48.847093	-86.927460	56730.08	56247	2.96	56733.04	56733.03906	56753.20615	56753.20703	505322.0	5410460.6
T10460.0	505322.0	5410460.6	75410.89844	454.02	0	48.847093	-86.927460	56729.88	56247	2.96	56732.85	56732.85156	56746.88034	56746.87891	505322.0	5410460.6
T10460.0	505322.0	5410460.6	75411.00000	454.63	0	48.847093	-86.927460	56729.88	56247	2.96	56732.84	56732.83984	56744.76944	56744.76953	505322.0	5410460.6
T10460.0	505322.0	5410460.6	75411.10156	454.27	0	48.847093	-86.927460	56730.11	56247	2.96	56733.07	56733.07031	56748.30488	56748.30469	505322.0	5410460.6
T10460.0	505322.0	5410460.6	75411.20313	455.61	0	48.847093	-86.927460	56730.38	56247	2.96	56733.34	56733.33984	56752.70092	56752.69922	505322.0	5410460.6
T10460.0	505322.0	5410460.6	75411.29688	454.66	0	48.847093	-86.927460	56730.23	56247	2.97	56733.20	56733.19922	56747.19384	56747.19531	505322.0	5410460.6
T10460.0	505322.0	5410460.6	75411.39844	454.22	0	48.847093	-86.927460	56730.12	56247	2.97	56733.09	56733.08984	56742.30185	56742.30078	505322.0	5410460.6
T10460.0	505322.0	5410460.6	75411.50000	454.03	0	48.847093	-86.927460	56729.97	56247	2.97	56732.94	56732.94141	56736.34801	56736.34766	505322.0	5410460.6
T10460.0	505321.9	5410460.6	75411.60156	455.69	0	48.847093	-86.927460	56729.84	56247	2.97	56732.81	56732.80859	56730.76399	56730.76563	505321.9	5410460.6
T10460.0	505321.9	5410460.6	75411.70313	455.95	0	48.847093	-86.927460	56729.81	56247	2.97	56732.78	56732.78125	56727.45980	56727.46094	505321.9	5410460.6
T10460.0	505321.9	5410460.6	75411.79688	455.35	0	48.847093	-86.927461	56729.74	56247	2.98	56732.72	56732.71875	56723.32393	56723.32422	505321.9	5410460.6
T10460.0	505321.9	5410460.6	75411.89844	452.71	0	48.847093	-86.927461	56729.61	56247	2.98	56732.58	56732.57813	56717.15792	56717.15625	505321.9	5410460.6
T10460.0	505321.9	5410460.6	75412.00000	452.09	0	48.847093	-86.927461	56729.66	56247	2.98	56732.64	56732.64063	56715.65442	56715.65625	505321.9	5410460.6
T10460.0	505321.9	5410460.6	75412.10156	455.66	0	48.847093	-86.927461	56729.68	56247	2.98	56732.66	56732.66016	56713.07179	56713.07031	505321.9	5410460.6
T10460.0	505321.9	5410460.6	75412.20313	455.28	0	48.847093	-86.927461	56729.69	56247	2.98	56732.67	56732.67188	56710.12477	56710.12500	505321.9	5410460.6
T10460.0	505321.9	5410460.6	75412.29688	456.18	0	48.847093	-86.927461	56729.84	56247	2.98	56732.82	56732.82031	56710.39765	56710.39844	505321.9	5410460.6
T10460.0	505321.9	5410460.6	75412.39844	455.57	0	48.847093	-86.927461	56729.94	56247	2.98	56732.92	56732.92188	56709.34463	56709.34375	505321.9	5410460.6
T10460.0	505321.9	5410460.6	75412.50000	452.21	0	48.847093	-86.927461	56729.77	56247	2.98	56732.75	56732.75000	56701.70263	56701.70313	505321.9	5410460.6
T10460.0	505322.0	5410460.6	75412.60156	452.63	0	48.847093	-86.927460	56730.17	56247	2.98	56733.15	56733.14844	56707.55564	56707.55469	505322.0	5410460.6
T10460.0	505322.0	5410460.6	75412.70313	454.17	0	48.847093	-86.927460	56730.02	56247	2.98	56733.00	56733.00000	56700.11971	56700.12109	505322.0	5410460.6
T10460.0	505322.1	5410460.5	75412.79688	449.62	0	48.847092	-86.927458	56730.22	56247	2.98	56733.20	56733.19922	56700.91376	56700.91406	505322.1	5410460.5
T10460.0	505322.1	5410460.5	75412.89844	448.62	0	48.847092	-86.927458	56729.90	56247	2.98	56732.88	56732.87891	56689.13208	56689.13281	505322.1	5410460.5

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
T10460.0	505322.2	5410460.5	75413.00000	449.36	0	48.847092	-86.927457	56730.20	56247	2.98	56733.18	56733.17969	56692.03270	56692.03125	505322.2	5410460.5
T10460.0	505322.3	5410460.5	75413.10156	449.57	0	48.847092	-86.927455	56730.27	56247	2.98	56733.25	56733.25000	56689.28836	56689.28906	505322.3	5410460.5
T10460.0	505322.3	5410460.5	75413.20313	450.49	0	48.847092	-86.927455	56730.64	56247	2.98	56733.62	56733.62109	56693.57079	56693.57031	505322.3	5410460.5
T10460.0	505322.5	5410460.5	75413.29688	453.37	0	48.847092	-86.927453	56730.74	56247	2.98	56733.72	56733.71875	56691.24836	56691.25000	505322.5	5410460.5
T10460.0	505322.6	5410460.4	75413.39844	455.40	0	48.847092	-86.927452	56730.96	56247	2.98	56733.95	56733.94922	56691.88440	56691.88281	505322.6	5410460.4
T10460.0	505322.7	5410460.4	75413.50000	456.11	0	48.847091	-86.927450	56730.87	56247	2.99	56733.86	56733.85938	56684.71695	56684.71875	505322.7	5410460.4
T10460.0	505322.9	5410460.4	75413.60156	456.72	0	48.847091	-86.927448	56730.72	56247	2.99	56733.70	56733.69922	56675.72271	56675.72266	505322.9	5410460.4
T10460.0	505322.9	5410460.4	75413.70313	459.54	0	48.847091	-86.927448	56730.78	56247	2.99	56733.77	56733.76953	56672.07411	56672.07422	505322.9	5410460.4
T10460.0	505323.1	5410460.4	75413.79688	458.49	0	48.847091	-86.927445	56730.72	56247	2.99	56733.71	56733.71094	56665.16159	56665.16016	505323.1	5410460.4
T10460.0	505323.1	5410460.4	75413.89844	458.95	0	48.847091	-86.927445	56730.90	56247	2.99	56733.89	56733.89063	56663.83164	56663.83203	505323.1	5410460.4
T10460.0	505323.4	5410460.4	75414.00000	455.03	0	48.847091	-86.927441	56731.13	56247	2.99	56734.12	56734.12109	56663.54000	56663.53906	505323.4	5410460.4
T10460.0	505323.5	5410460.4	75414.10156	452.55	0	48.847091	-86.927439	56731.42	56247	2.99	56734.41	56734.41016	56664.52497	56664.52344	505323.5	5410460.4
T10460.0	505323.5	5410460.4	75414.20313	453.21	0	48.847091	-86.927439	56731.68	56247	2.99	56734.67	56734.67188	56664.63371	56664.63281	505323.5	5410460.4
T10460.0	505323.8	5410460.4	75414.29688	456.13	0	48.847091	-86.927435	56731.95	56247	2.99	56734.93	56734.92969	56664.58298	56664.58203	505323.8	5410460.4
T10460.0	505324.0	5410460.4	75414.39844	456.23	0	48.847091	-86.927432	56732.05	56247	2.99	56735.04	56735.03906	56660.78545	56660.78516	505324.0	5410460.4
T10460.0	505324.3	5410460.4	75414.50000	455.19	0	48.847091	-86.927429	56731.87	56247	2.99	56734.86	56734.85938	56649.89301	56649.89453	505324.3	5410460.4
T10460.0	505324.3	5410460.4	75414.60156	455.32	0	48.847091	-86.927429	56731.82	56247	2.98	56734.80	56734.80078	56641.70940	56641.71094	505324.3	5410460.4
T10460.0	505324.5	5410460.4	75414.70313	445.10	0	48.847091	-86.927425	56732.13	56247	2.98	56735.11	56735.10938	56642.21252	56642.21094	505324.5	5410460.4
T10460.0	505324.8	5410460.4	75414.79688	446.24	0	48.847091	-86.927422	56732.56	56247	2.98	56735.55	56735.55078	56645.66337	56645.66406	505324.8	5410460.4
T10460.0	505325.1	5410460.4	75414.89844	459.82	0	48.847091	-86.927418	56732.81	56247	2.98	56735.79	56735.78906	56644.17096	56644.17188	505325.1	5410460.4
T10460.0	505325.4	5410460.4	75415.00000	460.76	0	48.847091	-86.927414	56733.11	56247	2.98	56736.09	56736.08984	56643.95265	56643.95313	505325.4	5410460.4
T10460.0	505325.4	5410460.4	75415.10156	461.32	0	48.847091	-86.927414	56733.42	56247	2.98	56736.40	56736.39844	56643.81310	56643.81250	505325.4	5410460.4
T10460.0	505325.7	5410460.4	75415.20313	462.80	0	48.847091	-86.927409	56733.62	56247	2.98	56736.61	56736.60938	56641.12235	56641.12109	505325.7	5410460.4
T10460.0	505325.7	5410460.4	75415.29688	460.26	0	48.847091	-86.927409	56734.04	56247	2.99	56737.03	56737.03125	56643.29371	56643.29297	505325.7	5410460.4
T10460.0	505326.1	5410460.4	75415.39844	456.75	0	48.847091	-86.927404	56734.04	56247	2.99	56737.03	56737.03125	56635.26306	56635.26172	505326.1	5410460.4
T10460.0	505326.5	5410460.4	75415.50000	456.18	0	48.847091	-86.927399	56734.37	56247	2.99	56737.36	56737.35938	56634.96533	56634.96484	505326.5	5410460.4
T10460.0	505326.9	5410460.4	75415.60156	444.56	0	48.847091	-86.927394	56734.86	56247	2.99	56737.85	56737.85156	56638.33627	56638.33594	505326.9	5410460.4
T10460.0	505327.2	5410460.4	75415.70313	443.98	0	48.847091	-86.927389	56735.29	56247	2.99	56738.29	56738.28906	56640.35525	56640.35547	505327.2	5410460.4
T10460.0	505327.2	5410460.4	75415.79688	457.94	0	48.847091	-86.927389	56735.84	56247	3.00	56738.84	56738.83984	56644.84930	56644.84766	505327.2	5410460.4
T10460.0	505327.6	5410460.4	75415.89844	457.94	0	48.847091	-86.927383	56736.06	56247	3.00	56739.06	56739.05859	56641.29817	56641.29688	505327.6	5410460.4
T10460.0	505328.1	5410460.4	75416.00000	457.95	0	48.847091	-86.927377	56736.48	56247	3.00	56739.48	56739.48047	56642.37665	56642.37500	505328.1	5410460.4
T10460.0	505328.6	5410460.3	75416.10156	454.69	0	48.847091	-86.927370	56736.77	56247	3.00	56739.77	56739.76953	56640.19506	56640.19531	505328.6	5410460.3
T10460.0	505328.6	5410460.3	75416.20313	456.42	0	48.847091	-86.927370	56737.25	56247	3.00	56740.25	56740.25000	56642.40683	56642.40625	505328.6	5410460.3
T10460.0	505328.9	5410460.3	75416.29688	457.20	0	48.847091	-86.927365	56737.56	56247	3.00	56740.56	56740.55859	56640.40512	56640.40625	505328.9	5410460.3
T10460.0	505329.5	5410460.3	75416.39844	454.98	0	48.847091	-86.927357	56737.82	56247	3.00	56740.82	56740.82031	56637.06111	56637.06250	505329.5	5410460.3
T10460.0	505330.0	5410460.3	75416.50000	454.57	0	48.847090	-86.927351	56738.10	56247	2.99	56741.10	56741.10156	56634.05045	56634.05078	505330.0	5410460.3
T10460.0	505330.0	5410460.3	75416.60156	455.55	0	48.847090	-86.927351	56738.34	56247	2.99	56741.33	56741.32813	56629.70119	56629.70313	505330.0	5410460.3
T10460.0	505330.5	5410460.3	75416.70313	456.07	0	48.847090	-86.927344	56738.73	56247	2.99	56741.72	56741.71875	56629.03690	56629.03516	505330.5	5410460.3
T10460.0	505331.0	5410460.3	75416.79688	455.64	0	48.847090	-86.927338	56739.28	56247	2.99	56742.27	56742.26953	56632.05968	56632.05859	505331.0	5410460.3
T10460.0	505331.4	5410460.3	75416.89844	455.22	0	48.847091	-86.927331	56740.14	56247	2.99	56743.13	56743.12891	56642.35858	56642.35938	505331.4	5410460.3
T10460.0	505331.4	5410460.3	75417.00000	455.56	0	48.847091	-86.927331	56740.39	56247	2.99	56743.38	56743.37891	56637.93659	56637.93750	505331.4	5410460.3
T10460.0	505332.6	5410460.4	75417.10156	456.95	0	48.847091	-86.927315	56740.79	56247	2.99	56743.78	56743.78125	56636.96942	56636.96875	505332.6	5410460.4
T10460.0	505332.6	5410460.4	75417.20313	457.15	0	48.847091	-86.927315	56741.27	56247	3.00	56744.26	56744.26172	56637.78569	56637.78516	505332.6	5410460.4
T10460.0	505333.3	5410460.4	75417.29688	457.81	0	48.847091	-86.927305	56741.73	56247	3.00	56744.73	56744.73047	56638.23587	56638.23438	505333.3	5410460.4
T10460.0	505333.3	5410460.4	75417.39844	456.49	0	48.847091	-86.927305	56742.07	56247	3.00	56745.08	56745.07813	56635.69225	56635.69141	505333.3	5410460.4
T10460.0	505334.0	5410460.4	75417.50000	457.62	0	48.847091	-86.927296	56742.69	56247	3.00	56745.69	56745.69141	56639.24425	56639.24609	505334.0	5410460.4
T10460.0	505334.7	5410460.4	75417.60156	456.92	0	48.847091	-86.927287	56743.31	56247	3.01	56746.31	56746.30859	56642.91660	56642.91797	505334.7	5410460.4
T10460.0	505335.3	5410460.4	75417.70313	456.76	0	48.847091	-86.927278	56743.92	56247	3.01	56746.93	56746.92969	56646.47310	56646.47266	505335.3	5410460.4
T10460.0	505335.3	5410460.4	75417.79688	455.32	0	48.847091	-86.927278	56744.49	56247	3.01	56747.51	56747.51172	56648.96024	56648.96094	505335.3	5410460.4
T10460.0	505336.2	5410460.4	75417.89844	456.43	0	48.847091	-86.927266	56745.02	56247	3.02	56748.04	56748.03906	56650.14194	56650.14063	505336.2	5410460.4
T10460.0	505336.8	5410460.4	75418.00000	455.04	0	48.847091	-86.927258	56745.65	56247	3.02	56748.67	56748.67188	56653.60819	56653.60938	505336.8	5410460.4
T10460.0	505337.5	5410460.4	75418.10156	458.28	0	48.847091	-86.927249	56746.16	56247	3.02	56749.18	56749.17969	56654.10149	56654.10156	505337.5	5410460.4
T10460.0	505338.3	5410460.4	75418.20313	459.04	0	48.847091	-86.927238	56746.74	56247	3.02	56749.76	56749.76172	56656.16843	56656.16797	505338.3	5410460.4
T10460.0	505338.3	5410460.4	75418.29688	458.64	0	48.847091	-86.927238	56747.16	56247	3.02	56750.18	56750.17969	56654.31255	56654.31250	505338.3	5410460.4
T10460.0	505339.1	5410460.4	75418.39844	457.64	0	48.847091	-86.927227	56747.89	56247	3.02	56750.91	56750.91016	56659.77599	56659.77734	505339.1	5410460.4
T10460.0	505340.2	5410460.4	75418.50000	458.86	0	48.847091	-86.927212	56748.60	56247	3.02	56751.62	56751.62109	56664.67119	56664.67188	505340.2	5410460.4
T10460.0	505340.2	5410460.4	75418.60156	460.47	0	48.847091	-86.927212	56749.42	56247	3.02	56752.44	56752.44141	56672.11024	56672.10938	505340.2	5410460.4
T10460.0	505341.0	5410460.4	75418.70313	459.46	0	48.847091	-86.927200	56750.28	56247	3.02	56753.30	56753.30078	56680.42287	56680.42188	505341.0	5410460.4
T10460.0	505341.7	5410460.4	75418.79688	456.42	0	48.847091	-86.927191	56750.78	56247	3.02	56753.80	56753.80078	56680.04780	56680.04688	505341.7	5410460.4
T10460.0	505341.7	5410460.4	75418.89844	456.67	0	48.847091	-86.927191	56751.60	56247	3.02	56754.62	56754.62109	56687.24903	56687.25000	505341.7	5410460.4
T10460.0	505342.4	5410460.4	75419.00000	459.03	0	48.847091	-86.927181	56752.16	56247	3.02	56755.18	56755.17969	56688.16118	56688.16016	505342.4	5410460.4
T10460.0	505343.2	5410460.4	75419.10156	460.15	0	48.847091	-86.927170	56752.75	56247	3.02	56755.77	56755.76953	56689.72257	56689.72266	505343.2	5410460.4
T10460.0	505343.2	5410460.4	75419.20313	459.74	0	48.847091	-86.927170	56753.18	56247	3.02	56756.19	56756.19141	56687.15455	56687.15625	505343.2	5410460.4
T10460.0	505343.9	5410460.4	75419.29688	460.72	0	48.847091	-86.927161	56753.84	56247	3.01	56756.85	56756.85156	56690.26498	56690.26563	505343.9	5410460.4
T10460.0	505344.9	5410460.4	75419.39844	459.24	0	48.847091	-86.927148	56754.54	56247	3.01	56757.55	56757.55078	56694.27528	56694.27344	505344.9	5410460.4
T10460.0	505345.7	5410460.4	75419.50000	457.73	0	48.847091	-86.927136	56755.13	56247	3.01	56758.13	56758.12891	56695.36339	56695.36328	505345.7	5410460.4
T10460.0	505345.7	5410460.4	75419.60156	457.41	0	48.847091	-86.927136	56756.05	56247	3.01	56759.06	56759.05859	56704.77202	56704.77344	505345.7	5410460.4
T10460.0	505347.1	5410460.4	75419.70313	454.74	0	48.847091	-86.927117	56756.86	56247	3.01	56759.86	56759.85938	56711.02721	56711.02734	505347.1	5410460.4
T10460.0	505348.1	5410460.4	75419.79688	455.80	0	48.847091	-86.927104	56757.52	56247	3.00	56760.52	56760.51953	56713.89382	56713.89453	505348.1	5410460.4
T10460.0	505348.1	5410460.4	75419.89844	455.74	0	48.847091	-86.927104	56758.24	56247	3.00	56761.24	56761.23828	56718.15830	56718.16016	505348.1	5410460.4
T10460.0	505349.1	5410460.5	75420.00000	454.77	0	48.847091	-86.927091	56759.17	56247	3.00	56762.17	56762.17188	56727.41149	56727.41016	505349.1	5410460.5
T10460.0	505350.1	5410460.5	75420.10156	456.23	0	48.847092	-86.927077	56759.92	56247	3.00	56762.92	56762.92188	56732.33162	56732.33203	505350.1	5410460.5
T10460.0	505350.1	5410460.5	75420.20313	456.62	0	48.847092	-86.927077	56760.51	56247	3.00	56763.51	56763.51172	56733.40094	56733.40234	505350.1	5410460.5
T10460.0	505351.4	5410460.5	75420.29688	456.91	0	48.847091	-86.927059	56761.40	56247	3.01	56764.41	56764.41016	56741.86226	56741.86328	505351.4	5410460.5
T10460.0	505352.2	5410460.5	75420.39844	457.03	0	48.847091	-86.927048	56762.11	56247	3.01	56765.12	56765.12109	56745.76346	56745.76172	505352.2	5410460.5
T10460.0	505352.9	5410460.5	75420.50000	457.17	0	48.847091	-86.927038	56762.93	56247	3.01	56765.94	56765.94141	56752.28225	56752.28125	505352.9	5410460.5
T10460.0	505353.9	5410460.4	75420.60156	457.09	0	48.847091	-86.927026	56763.39	56247	3.01	56766.40	56766.39844	56750.18386	56750.18359	505353.9	5410460.4
T10460.0	505353.9	5410460.4	75420.70313	456.03	0	48.847091	-86.927026	56763.86	56247	3.01	56766.87	56766.87109	56748.31985	56748.32031	505353.9	5410460.4
T10460.0	505354.8	5410460.4	75420.79688	454.25	0	48.847091	-86.927013	56764.11	56247	3.02	56767.12	56767.12109	56741.19438	56741.19531	505354.8	5410460.4
T10460.0	505354.8	5410460.4	75420.89844	455.70	0	48.847091	-86.927013	56765.22	56247	3.02	56768.24	56768.23828	56754.87581	56754.87500	505354.8	5410460.4
T10460.0	505355.8	5410460.4	75421.00000	458.33	0	48.847091	-86.926999	56765.96	56247	3.02	56768.98	56768.98047	56759.47775	56759.47656	505355.8	5410460.4
T10460.0	505356.9	5410460.4	75421.10156	460.08	0	48.847091	-86.926985	56767.21	56247	3.02	56770.23	56770.23047	56776.28604	56776.28516	505356.9	5410460.4
T10460.0	505357.8	5410460.4	75421.20313	451.06	0	48.847091	-86.926971	56768.10	56247	3.02	56771.12	56771.12109	56784.50094	56784.50000	505357.8	5410460.4
T10460.0	505358.8	5410460.4	75421.29688	451.08	0	48.847091	-86.926958	56768.77	56247	3.02	56771.79	56771.78906	56787.47402	56787.47266	505358.8	5410460.4
T10460.0	505358.8	5410460.4	75421.39844	458.25	0	48.847091	-86.926958	56769.34	56247	3.02	56772.36	56772.35938	56788.07860	56788.07813	505358.8	5410460.4
T10460.0	505359.7	5410460.4	75421.50000	459.95	0	48.847091	-86.926945	56769.94	56247	3.02	56772.96	56772.96094	56789.42708	56789.42578	505359.7	5410460.4
T10460.0	505361.1	5410460.4	75421.60156	462.22	0	48.847091	-86.926927	56770.83	56247	3.02	56773.85	56773.85156	56797.74043	56797.74219	505361.1	5410460.4
T10460.0	505361.1	5410460.4	75421.70313	460.75	0	48.847091	-86.926927	56771.72	56247	3.02	56774.74	56774.73828	56806.08781	56806.08594	505361.1	5410460.4
T10460.0	505362.4	5410460.4	75421.79688	460.07	0	48.847091	-86.926909	56773.04	56247	3.02	56776.06	56776.05859	56824.75517	56824.75391	505362.4	5410460.4
T10460.0	505363.4	5410460.4	75421.89844	460.24	0	48.847091	-86.926895	56773.46	56247	3.02	56776.48	56776.48047	56821.94284	56821.94141	505363.4	5410460.4
T10460.0	505363.4	5410460.4	75422.00000	461.45	0	48.847091	-86.926895	56774.57	56247	3.02	56777.59	56777.58984	56835.67490	56835.67578	505363.4	5410460.4
T10460.0	505364.5	5410460.4	75422.10156	461.03	0	48.847091	-86.926880	56774.88	56247	3.02	56777.89	56777.89063	56830.08648	56830.08594	505364.5	5410460.4
T10460.0	505365.8	5410460.4	75422.20313	463.46	0	48.847091	-86.926863	56775.26	56247	3.02	56778.28	56778.28125	56826.70208	56826.70313	505365.8	5410460.4

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
T10460.0	505366.8	5410460.4	75422.29688	462.71	0	48.847091	-86.926849	56776.29	56247	3.02	56779.31	56779.30859	56838.67687	56838.67578	505366.8	5410460.4
T10460.0	505366.8	5410460.4	75422.39844	461.18	0	48.847091	-86.926849	56776.88	56247	3.02	56779.90	56779.89844	56840.18895	56840.18750	505366.8	5410460.4
T10460.0	505368.1	5410460.4	75422.50000	460.52	0	48.847091	-86.926832	56777.84	56247	3.02	56780.86	56780.85938	56850.61053	56850.60938	505368.1	5410460.4
T10460.0	505368.9	5410460.5	75422.60156	459.92	0	48.847091	-86.926820	56777.95	56247	3.02	56780.96	56780.96094	56840.53275	56840.53125	505368.9	5410460.5
T10460.0	505368.9	5410460.5	75422.70313	457.43	0	48.847091	-86.926820	56778.99	56247	3.02	56782.01	56782.01172	56853.23995	56853.23828	505368.9	5410460.5
T10460.0	505369.9	5410460.5	75422.79688	456.47	0	48.847091	-86.926806	56779.46	56247	3.02	56782.48	56782.48047	56852.14944	56852.14844	505369.9	5410460.5
T10460.0	505371.0	5410460.5	75422.89844	457.17	0	48.847092	-86.926792	56780.28	56247	3.02	56783.30	56783.30078	56859.50263	56859.50391	505371.0	5410460.5
T10460.0	505371.0	5410460.5	75423.00000	458.44	0	48.847092	-86.926792	56780.70	56247	3.02	56783.71	56783.71094	56857.12912	56857.12891	505371.0	5410460.5
T10460.0	505372.2	5410460.5	75423.10156	459.00	0	48.847092	-86.926775	56781.52	56247	3.02	56784.54	56784.53906	56864.87892	56864.87891	505372.2	5410460.5
T10460.0	505373.3	5410460.6	75423.20313	458.84	0	48.847092	-86.926761	56782.35	56247	3.02	56785.37	56785.37109	56872.71166	56872.71094	505373.3	5410460.6
T10460.0	505373.3	5410460.6	75423.29688	458.14	0	48.847092	-86.926761	56782.73	56247	3.02	56785.75	56785.75000	56869.86947	56869.87109	505373.3	5410460.6
T10460.0	505374.5	5410460.6	75423.39844	459.20	0	48.847093	-86.926744	56783.47	56247	3.02	56786.49	56786.48828	56875.72391	56875.72266	505374.5	5410460.6
T10460.0	505375.5	5410460.7	75423.50000	458.72	0	48.847093	-86.926730	56784.14	56247	3.02	56787.16	56787.16016	56879.99518	56879.99609	505375.5	5410460.7
T10460.0	505376.7	5410460.7	75423.60156	460.37	0	48.847093	-86.926715	56785.07	56247	3.02	56788.09	56788.08984	56890.57676	56890.57813	505376.7	5410460.7
T10460.0	505377.5	5410460.7	75423.70313	459.57	0	48.847094	-86.926704	56785.77	56247	3.02	56788.79	56788.78906	56895.75397	56895.75391	505377.5	5410460.7
T10460.0	505377.5	5410460.7	75423.79688	459.64	0	48.847094	-86.926704	56786.46	56247	3.02	56789.48	56789.48047	56900.78972	56900.78906	505377.5	5410460.7
T10460.0	505378.3	5410460.8	75423.89844	462.35	0	48.847094	-86.926693	56786.95	56247	3.02	56789.97	56789.96875	56901.14283	56901.14453	505378.3	5410460.8
T10460.0	505379.2	5410460.8	75424.00000	462.11	0	48.847094	-86.926680	56787.57	56247	3.02	56790.59	56790.58984	56904.70639	56904.70703	505379.2	5410460.8
T10460.0	505379.2	5410460.8	75424.10156	463.07	0	48.847094	-86.926680	56788.32	56247	3.02	56791.34	56791.33984	56911.48235	56911.48047	505379.2	5410460.8
T10460.0	505380.4	5410460.8	75424.20313	462.45	0	48.847094	-86.926664	56788.75	56247	3.02	56791.78	56791.78125	56910.95115	56910.94922	505380.4	5410460.8
T10460.0	505381.3	5410460.8	75424.29688	462.68	0	48.847095	-86.926652	56789.17	56247	3.02	56792.19	56792.19141	56909.80999	56909.80859	505381.3	5410460.8
T10460.0	505382.3	5410460.9	75424.39844	461.78	0	48.847095	-86.926638	56789.45	56247	3.02	56792.47	56792.46875	56905.66927	56905.66797	505382.3	5410460.9
T10460.0	505382.3	5410460.9	75424.50000	460.32	0	48.847095	-86.926638	56790.06	56247	3.03	56793.09	56793.08984	56909.76933	56909.76953	505382.3	5410460.9
T10460.0	505383.2	5410460.9	75424.60156	459.72	0	48.847095	-86.926626	56790.54	56247	3.03	56793.56	56793.55859	56910.39459	56910.39453	505383.2	5410460.9
T10460.0	505384.1	5410460.9	75424.70313	460.18	0	48.847095	-86.926613	56791.41	56247	3.03	56794.43	56794.42969	56920.69815	56920.69922	505384.1	5410460.9
T10460.0	505384.1	5410460.9	75424.79688	461.09	0	48.847095	-86.926613	56791.38	56247	3.03	56794.41	56794.41016	56909.83442	56909.83594	505384.1	5410460.9
T10460.0	505385.2	5410460.9	75424.89844	461.56	0	48.847095	-86.926598	56792.13	56247	3.03	56795.16	56795.16016	56917.49891	56917.50000	505385.2	5410460.9
T10460.0	505386.3	5410460.9	75425.00000	460.06	0	48.847095	-86.926583	56792.13	56247	3.03	56795.16	56795.16016	56907.34600	56907.34766	505386.3	5410460.9
T10460.0	505386.3	5410460.9	75425.10156	460.00	0	48.847095	-86.926583	56792.54	56247	3.03	56795.57	56795.57031	56907.11486	56907.11328	505386.3	5410460.9
T10460.0	505387.2	5410460.9	75425.20313	461.58	0	48.847095	-86.926571	56792.98	56247	3.03	56796.01	56796.01172	56907.71965	56907.71875	505387.2	5410460.9
T10460.0	505388.1	5410460.9	75425.29688	462.16	0	48.847095	-86.926559	56793.31	56247	3.02	56796.33	56796.32813	56905.57425	56905.57422	505388.1	5410460.9
T10460.0	505388.9	5410460.9	75425.39844	462.11	0	48.847095	-86.926548	56794.01	56247	3.02	56797.03	56797.03125	56912.63543	56912.63672	505388.9	5410460.9
T10460.0	505388.9	5410460.9	75425.50000	460.56	0	48.847095	-86.926548	56794.09	56247	3.02	56797.11	56797.10938	56904.99141	56904.99219	505388.9	5410460.9
T10460.0	505389.9	5410460.9	75425.60156	461.28	0	48.847095	-86.926534	56794.86	56247	3.02	56797.88	56797.87891	56913.96769	56913.96875	505389.9	5410460.9
T10460.0	505390.9	5410460.8	75425.70313	459.61	0	48.847095	-86.926520	56794.86	56247	3.02	56797.88	56797.87891	56904.65266	56904.65234	505390.9	5410460.8
T10460.0	505391.8	5410460.8	75425.79688	461.01	0	48.847094	-86.926508	56795.64	56247	3.01	56798.65	56798.64844	56913.87142	56913.87109	505391.8	5410460.8
T10460.0	505391.8	5410460.8	75425.89844	463.87	0	48.847094	-86.926508	56795.50	56247	3.01	56798.51	56798.51172	56901.45147	56901.45313	505391.8	5410460.8
T10460.0	505392.6	5410460.8	75426.00000	465.48	0	48.847094	-86.926497	56795.86	56247	3.01	56798.87	56798.87109	56901.10909	56901.10938	505392.6	5410460.8
T10460.0	505393.4	5410460.8	75426.10156	465.25	0	48.847094	-86.926486	56795.89	56247	3.01	56798.90	56798.89844	56892.99702	56892.99609	505393.4	5410460.8
T10460.0	505394.3	5410460.8	75426.20313	465.86	0	48.847094	-86.926474	56796.22	56247	3.01	56799.23	56799.23047	56892.17977	56892.17969	505394.3	5410460.8
T10460.0	505394.3	5410460.8	75426.29688	453.71	0	48.847094	-86.926474	56796.74	56247	3.01	56799.75	56799.75000	56896.02671	56896.02734	505394.3	5410460.8
T10460.0	505395.4	5410460.8	75426.39844	453.64	0	48.847094	-86.926460	56796.76	56247	3.01	56799.77	56799.76953	56888.03796	56888.03906	505395.4	5410460.8
T10460.0	505396.3	5410460.8	75426.50000	453.13	0	48.847094	-86.926447	56797.05	56247	3.01	56800.06	56800.05859	56886.62548	56886.62500	505396.3	5410460.8
T10460.0	505396.3	5410460.8	75426.60156	462.68	0	48.847094	-86.926447	56796.73	56247	3.01	56799.74	56799.73828	56870.74590	56870.74609	505396.3	5410460.8
T10460.0	505396.9	5410460.8	75426.70313	460.69	0	48.847094	-86.926438	56797.20	56247	3.01	56800.21	56800.21094	56873.87569	56873.87500	505396.9	5410460.8
T10460.0	505397.8	5410460.8	75426.79688	461.01	0	48.847094	-86.926427	56797.28	56247	3.01	56800.29	56800.28906	56867.79762	56867.79688	505397.8	5410460.8
T10460.0	505398.5	5410460.9	75426.89844	459.32	0	48.847095	-86.926416	56797.69	56247	3.01	56800.70	56800.69922	56869.72764	56869.72656	505398.5	5410460.9
T10460.0	505398.5	5410460.9	75427.00000	456.28	0	48.847095	-86.926416	56797.95	56247	3.01	56800.96	56800.96094	56868.18691	56868.18750	505398.5	5410460.9
T10460.0	505399.4	5410460.9	75427.10156	455.64	0	48.847095	-86.926405	56798.34	56247	3.01	56801.35	56801.35156	56869.86984	56869.87109	505399.4	5410460.9
T10460.0	505400.4	5410460.9	75427.20313	454.98	0	48.847095	-86.926392	56798.54	56247	3.01	56801.55	56801.55078	56867.12335	56867.12500	505400.4	5410460.9
T10460.0	505400.9	5410460.9	75427.29688	458.09	0	48.847095	-86.926384	56798.56	56247	3.02	56801.58	56801.57813	56860.42449	56860.42578	505400.9	5410460.9
T10460.0	505400.9	5410460.9	75427.39844	459.55	0	48.847095	-86.926384	56798.98	56247	3.02	56802.00	56802.00000	56863.16282	56863.16406	505400.9	5410460.9
T10460.0	505401.7	5410460.9	75427.50000	459.45	0	48.847095	-86.926373	56798.90	56247	3.02	56801.92	56801.92188	56854.05507	56854.05469	505401.7	5410460.9
T10460.0	505402.5	5410460.9	75427.60156	461.20	0	48.847095	-86.926363	56799.36	56247	3.02	56802.38	56802.37891	56857.96852	56857.96875	505402.5	5410460.9
T10460.0	505402.5	5410460.9	75427.70313	461.54	0	48.847095	-86.926363	56799.24	56247	3.02	56802.26	56802.26172	56848.11993	56848.12109	505402.5	5410460.9
T10460.0	505403.3	5410460.9	75427.79688	463.51	0	48.847095	-86.926352	56799.52	56247	3.03	56802.55	56802.55078	56848.18082	56848.17969	505403.3	5410460.9
T10460.0	505404.1	5410460.9	75427.89844	465.66	0	48.847095	-86.926341	56799.23	56247	3.03	56802.26	56802.26172	56834.47638	56834.47656	505404.1	5410460.9
T10460.0	505404.7	5410460.9	75428.00000	464.13	0	48.847095	-86.926333	56799.39	56247	3.03	56802.42	56802.42188	56831.63450	56831.63281	505404.7	5410460.9
T10460.0	505404.7	5410460.9	75428.10156	463.18	0	48.847095	-86.926333	56799.75	56247	3.03	56802.78	56802.78125	56833.67532	56833.67578	505404.7	5410460.9
T10460.0	505405.4	5410460.9	75428.20313	464.32	0	48.847095	-86.926323	56799.82	56247	3.03	56802.85	56802.85156	56828.87995	56828.87891	505405.4	5410460.9
T10460.0	505406.0	5410460.9	75428.29688	463.24	0	48.847095	-86.926314	56799.98	56247	3.03	56803.01	56803.01172	56826.33311	56826.33203	505406.0	5410460.9
T10460.0	505406.0	5410460.9	75428.39844	463.07	0	48.847095	-86.926314	56799.65	56247	3.03	56802.67	56802.67188	56811.92459	56811.92578	505406.0	5410460.9
T10460.0	505406.7	5410460.9	75428.50000	462.41	0	48.847095	-86.926305	56799.83	56247	3.03	56802.85	56802.85156	56810.04284	56810.04297	505406.7	5410460.9
T10460.0	505407.3	5410460.8	75428.60156	462.78	0	48.847094	-86.926297	56799.65	56247	3.02	56802.67	56802.67188	56799.64297	56799.64453	505407.3	5410460.8
T10460.0	505407.3	5410460.8	75428.70313	462.93	0	48.847094	-86.926297	56799.86	56247	3.02	56802.88	56802.87891	56798.65703	56798.65625	505407.3	5410460.8
T10460.0	505407.9	5410460.8	75428.79688	463.72	0	48.847094	-86.926289	56800.08	56247	3.02	56803.10	56803.10156	56797.99615	56797.99609	505407.9	5410460.8
T10460.0	505408.4	5410460.7	75428.89844	464.10	0	48.847094	-86.926282	56800.32	56247	3.02	56803.34	56803.33984	56797.89723	56797.89844	505408.4	5410460.7
T10460.0	505408.9	5410460.7	75429.00000	464.53	0	48.847093	-86.926275	56800.34	56247	3.02	56803.36	56803.35938	56792.61902	56792.61719	505408.9	5410460.7
T10460.0	505408.9	5410460.7	75429.10156	463.60	0	48.847093	-86.926275	56800.21	56247	3.02	56803.23	56803.23047	56783.83306	56783.83203	505408.9	5410460.7
T10460.0	505409.5	5410460.6	75429.20313	464.58	0	48.847093	-86.926267	56800.24	56247	3.02	56803.26	56803.26172	56778.94979	56778.94922	505409.5	5410460.6
T10460.0	505409.5	5410460.6	75429.29688	462.63	0	48.847093	-86.926267	56800.14	56247	3.02	56803.16	56803.16016	56771.03225	56771.03125	505409.5	5410460.6
T10460.0	505410.2	5410460.6	75429.39844	463.07	0	48.847092	-86.926258	56800.11	56247	3.02	56803.13	56803.12891	56764.86048	56764.85938	505410.2	5410460.6
T10460.0	505410.8	5410460.5	75429.50000	463.23	0	48.847091	-86.926249	56800.11	56247	3.01	56803.13	56803.12891	56759.47553	56759.47656	505410.8	5410460.5
T10460.0	505411.3	5410460.4	75429.60156	463.29	0	48.847091	-86.926243	56800.19	56247	3.01	56803.20	56803.19922	56755.83141	56755.83203	505411.3	5410460.4
T10460.0	505411.7	5410460.4	75429.70313	463.13	0	48.847090	-86.926237	56799.96	56247	3.01	56802.97	56802.96875	56745.07809	56745.07813	505411.7	5410460.4
T11300.0	503570.0	5411287.4	80316.10156	322.02	0	48.854543	-86.951333	56350.52	56249	1.05	56351.57	56351.57031	56327.21692	56327.21875	503570.0	5411287.4
T11300.0	503570.0	5411287.4	80316.20313	321.25	0	48.854543	-86.951333	56350.32	56249	1.05	56351.36	56351.35938	56327.01785	56327.01953	503570.0	5411287.4
T11300.0	503570.1	5411287.3	80316.29688	324.47	0	48.854543	-86.951331	56350.52	56249	1.05	56351.57	56351.57031	56336.41397	56336.41406	503570.1	5411287.3
T11300.0	503570.1	5411287.3	80316.39844	324.10	0	48.854543	-86.951331	56350.21	56249	1.05	56351.25	56351.25000	56333.58213	56333.58203	503570.1	5411287.3
T11300.0	503570.4	5411287.3	80316.50000	321.59	0	48.854542	-86.951328	56350.19	56249	1.04	56351.23	56351.23047	56337.62913	56337.62891	503570.4	5411287.3
T11300.0	503570.5	5411287.2	80316.60156	321.20	0	48.854542	-86.951326	56350.31	56249	1.04	56351.35	56351.35156	56344.92748	56344.92578	503570.5	5411287.2
T11300.0	503570.7	5411287.2	80316.60156	319.21	0	48.854542	-86.951323	56350.16	56249	1.04	56351.20	56351.19922	56345.88392	56345.88281	503570.7	5411287.2
T11300.0	503570.9	5411287.2	80316.79688	321.09	0	48.854541	-86.951321	56350.08	56249	1.04	56351.12	56351.12109	56348.43860	56348.43750	503570.9	5411287.2
T11300.0	503570.9	5411287.2	80316.89844	321.48	0	48.854541	-86.951321	56349.98	56249	1.04	56351.02	56351.01953	56350.47830	56350.47656	503570.9	5411287.2
T11300.0	503571.2	5411287.2	80317.00000	323.00	0	48.854541	-86.951317	56349.85	56249	1.04	56350.89	56350.89063	56351.75577	56351.75391	503571.2	5411287.2
T11300.0	503571.2	5411287.2	80317.10156	325.12	0	48.854541	-86.951317	56349.26	56249	1.04	56350.30	56350.30078	56341.87722	56341.87891	503571.2	5411287.2
T11300.0	503571.5	5411287.1	80317.20313	326.43	0	48.854541	-86.951312	56349.32	56249	1.04	56350.36	56350.35938	56347.59734	56347.59766	503571.5	5411287.1
T11300.0	503571.5	5411287.1	80317.29688	326.86	0	48.854541	-86.951312	56348.96	56249	1.04	56350.00	56350.00000	56343.05116	56343.05078	503571.5	5411287.1
T11300.0	503571.8	5411287.1	80317.39844	326.23	0	48.854541	-86.951308	56349.04	56249	1.04	56350.08	56350.07813	56349.22512	56349.22656	503571.8	5411287.1
T11300.0	503572.1	5411287.1	80317.50000	324.07	0	48.854541	-86.951304	56348.73	56249	1.04	56349.78	56349.78125	56345.99128	56345.99219	503572.1	5411287.1
T11300.0	503572.4	5411287.1	80317.60156	323.90	0	48.854540	-86.951301	56348.83	56249	1.05	56349.88	56349.87891	56352.65812	56352.65625	503572.4	5411287.1
T11300.0	503572.4	5411287.1	80317.60156	323.28	0	48.854540	-86.951301	56348.47	56249	1.05	56349.52	56349.51953	56347.77718	56347.77734	503572.4	5411287.1
T11300.0	503572.8	5411287.1	80317.70313	325.27	0	48.854540	-86.951295	56347.84	56249	1.05	56348.88	56348.87891	56335.67463	56335.67578	503572.8	5411287.1

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
T11300.0	503573.1	5411287.1	80317.79688	325.84	0	48.854540	-86.951290	56347.91	56249	1.05	56348.96	56348.96094	56341.74569	56341.74609	503573.1	5411287.1
T11300.0	503573.1	5411287.1	80318.00000	325.92	0	48.854540	-86.951290	56347.76	56248.9	1.05	56348.81	56348.80859	56341.94380	56341.94531	503573.1	5411287.1
T11300.0	503573.4	5411287.1	80318.10156	325.00	0	48.854540	-86.951286	56348.04	56249	1.05	56349.09	56349.08984	56353.21019	56353.21094	503573.4	5411287.1
T11300.0	503573.9	5411287.1	80318.20313	326.38	0	48.854540	-86.951280	56348.02	56249	1.05	56349.07	56349.07031	56356.76810	56356.76953	503573.9	5411287.1
T11300.0	503573.9	5411287.1	80318.29688	325.67	0	48.854540	-86.951280	56348.38	56249	1.05	56349.42	56349.42188	56369.96464	56369.96484	503573.9	5411287.1
T11300.0	503574.4	5411287.1	80318.39844	325.35	0	48.854541	-86.951273	56348.20	56249	1.05	56349.24	56349.23828	56369.35621	56369.35547	503574.4	5411287.1
T11300.0	503574.9	5411287.2	80318.50000	326.20	0	48.854541	-86.951265	56348.32	56249	1.05	56349.37	56349.37109	56376.83950	56376.83984	503574.9	5411287.2
T11300.0	503574.9	5411287.2	80318.60156	326.57	0	48.854541	-86.951265	56348.20	56249	1.04	56349.24	56349.23828	56377.48027	56377.48047	503574.9	5411287.2
T11300.0	503575.4	5411287.2	80318.60156	325.47	0	48.854542	-86.951260	56348.12	56249	1.04	56349.16	56349.16016	56379.40290	56379.40234	503575.4	5411287.2
T11300.0	503576.0	5411287.3	80318.79688	326.46	0	48.854542	-86.951251	56347.99	56249	1.04	56349.03	56349.03125	56379.97690	56379.97656	503576.0	5411287.3
T11300.0	503576.0	5411287.3	80318.89844	326.39	0	48.854542	-86.951251	56347.82	56249	1.04	56348.86	56348.85938	56379.46518	56379.46484	503576.0	5411287.3
T11300.0	503576.6	5411287.4	80319.00000	325.53	0	48.854543	-86.951243	56347.50	56249	1.04	56348.54	56348.53906	56374.96767	56374.96875	503576.6	5411287.4
T11300.0	503577.1	5411287.4	80319.10156	324.25	0	48.854544	-86.951236	56346.79	56249	1.04	56347.83	56347.82813	56360.17234	56360.17188	503577.1	5411287.4
T11300.0	503577.1	5411287.4	80319.20313	325.28	0	48.854544	-86.951236	56346.54	56249	1.04	56347.57	56347.57031	56357.25458	56357.25391	503577.1	5411287.4
T11300.0	503577.8	5411287.5	80319.29688	327.64	0	48.854545	-86.951227	56345.92	56249	1.03	56346.96	56346.96094	56345.15767	56345.15625	503577.8	5411287.5
T11300.0	503578.4	5411287.6	80319.39844	327.90	0	48.854545	-86.951218	56346.00	56249	1.03	56347.03	56347.03125	56350.94068	56350.94141	503578.4	5411287.6
T11300.0	503578.4	5411287.6	80319.50000	328.36	0	48.854545	-86.951218	56345.77	56249	1.03	56346.80	56346.80078	56348.87274	56348.87109	503578.4	5411287.6
T11300.0	503579.2	5411287.7	80319.60156	326.99	0	48.854546	-86.951208	56345.67	56249	1.03	56346.70	56346.69922	56350.21352	56350.21484	503579.2	5411287.7
T11300.0	503579.7	5411287.8	80319.70313	326.50	0	48.854547	-86.951200	56345.26	56249	1.03	56346.28	56346.28125	56343.30144	56343.30078	503579.7	5411287.8
T11300.0	503579.7	5411287.8	80319.70313	327.36	0	48.854547	-86.951200	56344.90	56249	1.03	56345.92	56345.92188	56338.03748	56338.03906	503579.7	5411287.8
T11300.0	503580.4	5411287.9	80319.89844	325.32	0	48.854548	-86.951191	56344.93	56249	1.02	56345.95	56345.94922	56342.81109	56342.81250	503580.4	5411287.9
T11300.0	503581.1	5411288.0	80320.00000	325.34	0	48.854549	-86.951182	56344.27	56249	1.02	56345.29	56345.28906	56330.11574	56330.11719	503581.1	5411288.0
T11300.0	503581.1	5411288.0	80320.10156	324.87	0	48.854549	-86.951182	56344.64	56249	1.02	56345.67	56345.67188	56343.72466	56343.72656	503581.1	5411288.0
T11300.0	503581.9	5411288.1	80320.20313	324.41	0	48.854549	-86.951171	56343.91	56249	1.03	56344.94	56344.94141	56329.58543	56329.58594	503581.9	5411288.1
T11300.0	503582.4	5411288.1	80320.29688	323.63	0	48.854549	-86.951164	56344.01	56249	1.03	56345.04	56345.03906	56336.15550	56336.15625	503582.4	5411288.1
T11300.0	503582.4	5411288.1	80320.39844	325.71	0	48.854549	-86.951164	56344.06	56249	1.04	56345.10	56345.10156	56341.66903	56341.66797	503582.4	5411288.1
T11300.0	503583.4	5411288.1	80320.50000	325.52	0	48.854550	-86.951150	56344.27	56249	1.04	56345.31	56345.30859	56350.73380	56350.73438	503583.4	5411288.1
T11300.0	503583.8	5411288.1	80320.60156	325.87	0	48.854550	-86.951144	56344.36	56249	1.04	56345.41	56345.41016	56357.04541	56357.04688	503583.8	5411288.1
T11300.0	503584.5	5411288.1	80320.70313	326.26	0	48.854550	-86.951136	56344.37	56249	1.05	56345.41	56345.41016	56360.92626	56360.92578	503584.5	5411288.1
T11300.0	503584.5	5411288.1	80320.79688	323.15	0	48.854550	-86.951136	56344.14	56248.9	1.05	56345.19	56345.19141	56359.63584	56359.63672	503584.5	5411288.1
T11300.0	503585.3	5411288.1	80320.89844	320.74	0	48.854550	-86.951125	56343.63	56248.9	1.06	56344.68	56344.67969	56351.67396	56351.67578	503585.3	5411288.1
T11300.0	503585.3	5411288.1	80321.00000	318.41	0	48.854550	-86.951125	56343.42	56248.9	1.06	56344.48	56344.48047	56351.05187	56351.05078	503585.3	5411288.1
T11300.0	503586.2	5411288.1	80321.10156	317.23	0	48.854549	-86.951112	56343.22	56248.9	1.06	56344.28	56344.28125	56350.49642	56350.49609	503586.2	5411288.1
T11300.0	503586.9	5411288.0	80321.20313	318.41	0	48.854549	-86.951102	56343.53	56248.9	1.05	56344.58	56344.57813	56361.46453	56361.46484	503586.9	5411288.0
T11300.0	503587.7	5411288.0	80321.29688	318.74	0	48.854549	-86.951091	56342.96	56248.9	1.05	56344.01	56344.01172	56352.55294	56352.55469	503587.7	5411288.0
T11300.0	503587.7	5411288.0	80321.39844	320.75	0	48.854549	-86.951091	56342.98	56249	1.05	56344.03	56344.03125	56357.20824	56357.20703	503587.7	5411288.0
T11300.0	503588.5	5411288.0	80321.50000	321.81	0	48.854548	-86.951080	56342.76	56249	1.04	56343.80	56343.80078	56356.22609	56356.22656	503588.5	5411288.0
T11300.0	503589.6	5411287.9	80321.60156	322.47	0	48.854548	-86.951065	56342.70	56249	1.04	56343.75	56343.75000	56359.42555	56359.42578	503589.6	5411287.9
T11300.0	503590.2	5411287.9	80321.70313	321.69	0	48.854547	-86.951058	56342.71	56249	1.04	56343.75	56343.75000	56363.85319	56363.85156	503590.2	5411287.9
T11300.0	503590.2	5411287.9	80321.70313	319.72	0	48.854547	-86.951058	56342.56	56249	1.04	56343.59	56343.58984	56364.70656	56364.70703	503590.2	5411287.9
T11300.0	503590.9	5411287.8	80321.89844	318.28	0	48.854547	-86.951048	56342.18	56249	1.03	56343.21	56343.21094	56360.57154	56360.57031	503590.9	5411287.8
T11300.0	503591.9	5411287.8	80322.00000	319.48	0	48.854547	-86.951034	56341.68	56249	1.03	56342.71	56342.71094	56353.69730	56353.69922	503591.9	5411287.8
T11300.0	503592.8	5411287.8	80322.10156	318.73	0	48.854546	-86.951022	56341.11	56249	1.03	56342.14	56342.14063	56345.20280	56345.20313	503592.8	5411287.8
T11300.0	503592.8	5411287.8	80322.20313	319.76	0	48.854546	-86.951022	56340.74	56249	1.03	56341.77	56341.76953	56341.35735	56341.35547	503592.8	5411287.8
T11300.0	503593.8	5411287.7	80322.29688	321.68	0	48.854546	-86.951008	56340.89	56249	1.03	56341.93	56341.92969	56349.94119	56349.94141	503593.8	5411287.7
T11300.0	503594.7	5411287.7	80322.39844	323.69	0	48.854546	-86.950996	56340.59	56249	1.03	56341.62	56341.62109	56347.60433	56347.60547	503594.7	5411287.7
T11300.0	503594.7	5411287.7	80322.50000	325.47	0	48.854546	-86.950996	56340.46	56249	1.03	56341.50	56341.50000	56349.78066	56349.78125	503594.7	5411287.7
T11300.0	503596.0	5411287.7	80322.60156	324.71	0	48.854546	-86.950979	56340.16	56249	1.04	56341.19	56341.19141	56347.53168	56347.53125	503596.0	5411287.7
T11300.0	503597.0	5411287.6	80322.70313	324.66	0	48.854545	-86.950965	56339.69	56249	1.04	56340.73	56340.73047	56341.77234	56341.77344	503597.0	5411287.6
T11300.0	503597.0	5411287.6	80322.79688	325.35	0	48.854545	-86.950965	56339.90	56249	1.04	56340.94	56340.94141	56351.91876	56351.91797	503597.0	5411287.6
T11300.0	503597.9	5411287.6	80322.89844	326.23	0	48.854545	-86.950952	56339.52	56249	1.04	56340.56	56340.55859	56348.14011	56348.14063	503597.9	5411287.6
T11300.0	503599.0	5411287.6	80323.00000	324.61	0	48.854545	-86.950937	56339.26	56249	1.04	56340.30	56340.30078	56347.24605	56347.24609	503599.0	5411287.6
T11300.0	503599.0	5411287.6	80323.10156	323.40	0	48.854545	-86.950937	56338.88	56249	1.04	56339.92	56339.92188	56343.55210	56343.55078	503599.0	5411287.6
T11300.0	503600.3	5411287.6	80323.20313	322.53	0	48.854545	-86.950920	56338.68	56249	1.04	56339.72	56339.71875	56344.16430	56344.16406	503600.3	5411287.6
T11300.0	503600.3	5411287.6	80323.29688	323.20	0	48.854545	-86.950920	56338.37	56249	1.04	56339.41	56339.41016	56342.21949	56342.21875	503600.3	5411287.6
T11300.0	503601.4	5411287.6	80323.39844	322.29	0	48.854545	-86.950905	56338.07	56249	1.04	56339.11	56339.10938	56340.55871	56340.55859	503601.4	5411287.6
T11300.0	503602.3	5411287.6	80323.50000	322.40	0	48.854545	-86.950892	56337.91	56249	1.04	56338.95	56338.94922	56342.22629	56342.22656	503602.3	5411287.6
T11300.0	503603.7	5411287.6	80323.60156	320.54	0	48.854544	-86.950873	56338.06	56249	1.04	56339.10	56339.10156	56351.15419	56351.15234	503603.7	5411287.6
T11300.0	503603.7	5411287.6	80323.70313	319.74	0	48.854544	-86.950873	56337.78	56249	1.04	56338.82	56338.82031	56350.04704	56350.04688	503603.7	5411287.6
T11300.0	503604.7	5411287.5	80323.70313	320.31	0	48.854544	-86.950860	56337.24	56249	1.04	56338.28	56338.28125	56342.95771	56342.95703	503604.7	5411287.5
T11300.0	503604.7	5411287.5	80323.79688	319.66	0	48.854544	-86.950860	56336.76	56249	1.04	56337.80	56337.80078	56337.33963	56337.33984	503604.7	5411287.5
T11300.0	503606.1	5411287.5	80324.00000	318.81	0	48.854544	-86.950840	56336.66	56249	1.04	56337.70	56337.69922	56340.52669	56340.52734	503606.1	5411287.5
T11300.0	503607.1	5411287.5	80324.10156	321.05	0	48.854544	-86.950827	56336.56	56249	1.04	56337.60	56337.60156	56343.71764	56343.71875	503607.1	5411287.5
T11300.0	503608.0	5411287.5	80324.20313	323.65	0	48.854544	-86.950815	56336.61	56249	1.04	56337.64	56337.64063	56350.10758	56350.10938	503608.0	5411287.5
T11300.0	503608.0	5411287.5	80324.29688	322.96	0	48.854544	-86.950815	56336.28	56249	1.03	56337.31	56337.30859	56348.06802	56348.06641	503608.0	5411287.5
T11300.0	503609.0	5411287.5	80324.39844	321.66	0	48.854544	-86.950802	56335.66	56249	1.03	56336.69	56336.69141	56339.48968	56339.48828	503609.0	5411287.5
T11300.0	503610.2	5411287.5	80324.50000	321.85	0	48.854544	-86.950784	56335.48	56249	1.03	56336.51	56336.51172	56340.93388	56340.93359	503610.2	5411287.5
T11300.0	503610.2	5411287.5	80324.60156	322.52	0	48.854544	-86.950784	56335.36	56249	1.03	56336.38	56336.37891	56343.52152	56343.52344	503610.2	5411287.5
T11300.0	503611.3	5411287.5	80324.70313	322.80	0	48.854544	-86.950769	56335.07	56249	1.03	56336.10	56336.10156	56342.73921	56342.73828	503611.3	5411287.5
T11300.0	503612.7	5411287.5	80324.79688	322.33	0	48.854544	-86.950751	56334.72	56249	1.02	56335.74	56335.73828	56340.17930	56340.17969	503612.7	5411287.5
T11300.0	503613.7	5411287.5	80324.89844	322.20	0	48.854544	-86.950737	56334.70	56249	1.02	56335.72	56335.71875	56345.27397	56345.27344	503613.7	5411287.5
T11300.0	503613.7	5411287.5	80325.00000	322.26	0	48.854544	-86.950737	56334.46	56249	1.02	56335.48	56335.48047	56345.43482	56345.43359	503613.7	5411287.5
T11300.0	503614.7	5411287.5	80325.10156	321.28	0	48.854544	-86.950723	56334.08	56249	1.02	56335.10	56335.10156	56342.47982	56342.48047	503614.7	5411287.5
T11300.0	503614.7	5411287.5	80325.20313	321.37	0	48.854544	-86.950723	56333.80	56249	1.02	56334.82	56334.82031	56341.77653	56341.77734	503614.7	5411287.5
T11300.0	503616.0	5411287.5	80325.29688	321.60	0	48.854544	-86.950706	56333.44	56249	1.02	56334.46	56334.46094	56339.31041	56339.30859	503616.0	5411287.5
T11300.0	503617.1	5411287.5	80325.39844	320.70	0	48.854544	-86.950691	56333.04	56249	1.02	56334.06	56334.05859	56335.98601	56335.98438	503617.1	5411287.5
T11300.0	503617.1	5411287.5	80325.50000	322.71	0	48.854544	-86.950691	56332.90	56249	1.02	56333.93	56333.92969	56338.63502	56338.63672	503617.1	5411287.5
T11300.0	503618.2	5411287.6	80325.60156	320.98	0	48.854545	-86.950676	56332.86	56249	1.03	56333.88	56333.87891	56343.01350	56343.01172	503618.2	5411287.6
T11300.0	503619.7	5411287.6	80325.70313	320.93	0	48.854545	-86.950655	56332.61	56249	1.03	56333.63	56333.62891	56342.99667	56342.99609	503619.7	5411287.6
T11300.0	503620.8	5411287.6	80325.70313	319.80	0	48.854545	-86.950640	56332.12	56249	1.03	56333.14	56333.14063	56337.79081	56337.78906	503620.8	5411287.6
T11300.0	503620.8	5411287.6	80325.79688	320.80	0	48.854545	-86.950640	56331.94	56249	1.03	56332.97	56332.96875	56339.53120	56339.53125	503620.8	5411287.6
T11300.0	503621.9	5411287.6	80326.00000	322.41	0	48.854545	-86.950626	56331.61	56249	1.03	56332.64	56332.64063	56337.83399	56337.83594	503621.9	5411287.6
T11300.0	503621.9	5411287.6	80326.10156	321.36	0	48.854545	-86.950626	56331.38	56249	1.03	56332.41	56332.41016	56338.28610	56338.28516	503621.9	5411287.6
T11300.0	503624.4	5411287.7	80326.20313	321.48	0	48.854546	-86.950592	56330.96	56249	1.03	56331.99	56331.98828	56334.71844	56334.71875	503624.4	5411287.7
T11300.0	503624.4	5411287.7	80326.29688	318.36	0	48.854546	-86.950592	56330.89	56249	1.03	56331.92	56331.92188	56338.55539	56338.55469	503624.4	5411287.7
T11300.0	503625.5	5411287.7	80326.39844	318.31	0	48.854546	-86.950576	56330.53	56249	1.03	56331.56	56331.55859	56336.28629	56336.28516	503625.5	5411287.7
T11300.0	503625.5	5411287.7	80326.50000	318.04	0	48.854546	-86.950576	56330.18	56249	1.02	56331.20	56331.19922	56334.04216	56334.04297	503625.5	5411287.7
T11300.0	503626.8	5411287.7	80326.60156	320.30	0	48.854546	-86.950559	56329.87	56249	1.02	56330.89	56330.89063	56332.85807	56332.85938	503626.8	5411287.7
T11300.0	503627.9	5411287.7	80326.60156	318.97	0	48.854546	-86.950543	56329.92	56249	1.02	56330.95	56330.94922	56339.34274	56339.34375	503627.9	5411287.7
T11300.0	503628.8	5411287.7	80326.79688	320.51	0	48.854546	-86.950531	56329.56	56249	1.02	56330.58	56330.57813	56336.92128	56336.92188	503628.8	5411287.7
T11300.0	503630.0	5411287.7	80326.89844	318.29	0	48.854546	-86.950515	56329.18	56249	1.02	56330.20	56330.19922	56334.31151	56334.31250	503630.0	5411287.7
T11300.0	503630.0	5411287.7	80327.00000	318.16	0	48.854546	-86.950515	56328.90	56249	1.02	56329.92	56329.92188	56333.77351	56333.77344	503630.0	5411287.7
T11300.0	503631.1	5411287.8	80327.10156	318.04	0	48.854546	-86.950500	56328.67	56249	1.02	56329.69	56329.69141	56334.27202	56334.27344	503631.1	5411287.8

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
T11300.0	503632.4	5411287.8	80327.20313	319.51	0	48.854546	-86.950482	56328.54	56249	1.02	56329.56	56329.55859	56336.84083	56336.83984	503632.4	5411287.8
T11300.0	503633.8	5411287.8	80327.29688	320.53	0	48.854547	-86.950463	56328.16	56249	1.01	56329.17	56329.17188	56334.05743	56334.05859	503633.8	5411287.8
T11300.0	503633.8	5411287.8	80327.39844	319.11	0	48.854547	-86.950463	56327.83	56249	1.01	56328.84	56328.83984	56332.51173	56332.51172	503633.8	5411287.8
T11300.0	503635.1	5411287.8	80327.50000	318.95	0	48.854547	-86.950446	56327.46	56249	1.01	56328.47	56328.46875	56330.12930	56330.12891	503635.1	5411287.8
T11300.0	503636.2	5411287.9	80327.60156	319.13	0	48.854547	-86.950430	56327.32	56249	1.01	56328.33	56328.32813	56332.54627	56332.54688	503636.2	5411287.9
T11300.0	503636.2	5411287.9	80327.60156	319.62	0	48.854547	-86.950430	56327.14	56249	1.01	56328.15	56328.14844	56334.15924	56334.16016	503636.2	5411287.9
T11300.0	503637.9	5411287.9	80327.70313	319.88	0	48.854547	-86.950408	56326.73	56249	1.01	56327.73	56327.73047	56330.70964	56330.71094	503637.9	5411287.9
T11300.0	503637.9	5411287.9	80327.89844	319.38	0	48.854547	-86.950408	56326.45	56249	1.00	56327.46	56327.46094	56330.42648	56330.42578	503637.9	5411287.9
T11300.0	503639.1	5411287.9	80328.00000	319.87	0	48.854548	-86.950391	56326.42	56249	1.00	56327.42	56327.42188	56335.12017	56335.12109	503639.1	5411287.9
T11300.0	503640.5	5411288.0	80328.10156	319.55	0	48.854548	-86.950371	56326.14	56249	1.00	56327.15	56327.14844	56334.89541	56334.89453	503640.5	5411288.0
T11300.0	503641.6	5411288.0	80328.20313	320.43	0	48.854548	-86.950356	56325.66	56249	1.00	56326.66	56326.66016	56329.82202	56329.82031	503641.6	5411288.0
T11300.0	503641.6	5411288.0	80328.29688	321.14	0	48.854548	-86.950356	56325.51	56249	1.00	56326.51	56326.51172	56332.23470	56332.23438	503641.6	5411288.0
T11300.0	503643.1	5411288.0	80328.39844	321.51	0	48.854549	-86.950336	56325.28	56249	1.00	56326.28	56326.28125	56332.90584	56332.90625	503643.1	5411288.0
T11300.0	503644.5	5411288.1	80328.50000	322.25	0	48.854549	-86.950317	56324.94	56249	1.01	56325.94	56325.94141	56331.08929	56331.08984	503644.5	5411288.1
T11300.0	503645.6	5411288.1	80328.60156	321.31	0	48.854549	-86.950302	56324.54	56249	1.01	56325.54	56325.53906	56327.85209	56327.85156	503645.6	5411288.1
T11300.0	503645.6	5411288.1	80328.60156	322.97	0	48.854549	-86.950302	56324.40	56249	1.01	56325.41	56325.41016	56330.85729	56330.85547	503645.6	5411288.1
T11300.0	503647.3	5411288.1	80328.79688	323.51	0	48.854549	-86.950280	56324.16	56249	1.01	56325.17	56325.17188	56331.33855	56331.33984	503647.3	5411288.1
T11300.0	503647.3	5411288.1	80328.89844	323.81	0	48.854549	-86.950280	56323.82	56249	1.01	56324.83	56324.82813	56329.44767	56329.44922	503647.3	5411288.1
T11300.0	503648.7	5411288.1	80329.00000	324.16	0	48.854549	-86.950260	56323.64	56249	1.01	56324.65	56324.64844	56331.38501	56331.38672	503648.7	5411288.1
T11300.0	503650.1	5411288.1	80329.10156	324.39	0	48.854550	-86.950240	56323.31	56249	1.01	56324.32	56324.32031	56329.70950	56329.71094	503650.1	5411288.1
T11300.0	503650.1	5411288.1	80329.20313	325.51	0	48.854550	-86.950240	56323.08	56249	1.01	56324.09	56324.08984	56330.46760	56330.46875	503650.1	5411288.1
T11300.0	503651.3	5411288.2	80329.29688	326.25	0	48.854550	-86.950225	56322.65	56249	1.01	56323.66	56323.66016	56326.27623	56326.27734	503651.3	5411288.2
T11300.0	503652.6	5411288.2	80329.39844	327.12	0	48.854550	-86.950207	56322.52	56249	1.01	56323.53	56323.53125	56329.53107	56329.53125	503652.6	5411288.2
T11300.0	503652.6	5411288.2	80329.39844	325.74	0	48.854550	-86.950207	56322.42	56249	1.01	56323.42	56323.42188	56333.34451	56333.34375	503652.6	5411288.2
T11300.0	503654.3	5411288.2	80329.60156	324.52	0	48.854550	-86.950183	56322.02	56249	1.00	56323.02	56323.01953	56329.84630	56329.84766	503654.3	5411288.2
T11300.0	503655.5	5411288.2	80329.70313	324.00	0	48.854550	-86.950167	56321.70	56249	1.00	56322.70	56322.69922	56328.34869	56328.34766	503655.5	5411288.2
T11300.0	503655.5	5411288.2	80329.70313	322.24	0	48.854550	-86.950167	56321.71	56249	1.00	56322.71	56322.71094	56335.30461	56335.30469	503655.5	5411288.2
T11300.0	503656.9	5411288.2	80329.79688	320.67	0	48.854550	-86.950148	56321.44	56249	1.00	56322.44	56322.44141	56335.10223	56335.10156	503656.9	5411288.2
T11300.0	503658.2	5411288.3	80329.89844	320.61	0	48.854550	-86.950131	56320.73	56249	1.00	56321.73	56321.73047	56323.52715	56323.52734	503658.2	5411288.3
T11300.0	503658.2	5411288.3	80330.00000	319.79	0	48.854550	-86.950131	56320.59	56249	1.00	56321.59	56321.58984	56326.65232	56326.65234	503658.2	5411288.3
T11300.0	503660.0	5411288.3	80330.20313	322.02	0	48.854551	-86.950105	56320.20	56249	1.00	56321.20	56321.19922	56323.31229	56323.31250	503660.0	5411288.3
T11300.0	503661.5	5411288.3	80330.20313	327.34	0	48.854551	-86.950086	56319.86	56249	1.00	56320.86	56320.85938	56321.26819	56321.26953	503661.5	5411288.3
T11300.0	503662.8	5411288.3	80330.39844	328.26	0	48.854551	-86.950067	56319.69	56249	1.00	56320.68	56320.67969	56323.37096	56323.37109	503662.8	5411288.3
T11300.0	503662.8	5411288.3	80330.50000	326.15	0	48.854551	-86.950067	56319.48	56249	0.99	56320.47	56320.46875	56324.69670	56324.69531	503662.8	5411288.3
T11300.0	503664.1	5411288.3	80330.60156	325.19	0	48.854551	-86.950049	56319.16	56249	0.99	56320.15	56320.14844	56323.18461	56323.18359	503664.1	5411288.3
T11300.0	503664.1	5411288.3	80330.60156	326.11	0	48.854551	-86.950049	56318.79	56249	0.99	56319.78	56319.78125	56320.39896	56320.39844	503664.1	5411288.3
T11300.0	503666.9	5411288.4	80330.79688	326.83	0	48.854551	-86.950012	56318.72	56249	0.99	56319.71	56319.71094	56325.31866	56325.32031	503666.9	5411288.4
T11300.0	503666.9	5411288.4	80330.89844	325.35	0	48.854551	-86.950012	56318.46	56249	0.99	56319.45	56319.44922	56325.35922	56325.35938	503666.9	5411288.4
T11300.0	503668.5	5411288.4	80331.00000	325.53	0	48.854552	-86.949990	56318.11	56249	0.99	56319.10	56319.10156	56323.11583	56323.11719	503668.5	5411288.4
T11300.0	503668.5	5411288.4	80331.10156	325.12	0	48.854552	-86.949990	56317.73	56249	0.99	56318.72	56318.71875	56320.13550	56320.13672	503668.5	5411288.4
T11300.0	503669.8	5411288.4	80331.20313	325.13	0	48.854552	-86.949973	56317.70	56249	0.99	56318.69	56318.69141	56326.01142	56326.01172	503669.8	5411288.4
T11300.0	503671.5	5411288.4	80331.29688	326.02	0	48.854552	-86.949948	56317.26	56249	0.99	56318.25	56318.25000	56321.54848	56321.54688	503671.5	5411288.4
T11300.0	503671.5	5411288.4	80331.39844	325.23	0	48.854552	-86.949948	56316.93	56249	0.99	56317.92	56317.92188	56319.87957	56319.87891	503671.5	5411288.4
T11300.0	503672.8	5411288.4	80331.50000	324.32	0	48.854552	-86.949931	56316.63	56249	0.99	56317.61	56317.60938	56318.72891	56318.73047	503672.8	5411288.4
T11300.0	503674.0	5411288.4	80331.60156	322.25	0	48.854552	-86.949914	56316.80	56249	0.98	56317.78	56317.78125	56329.54171	56329.54297	503674.0	5411288.4
T11300.0	503675.3	5411288.4	80331.60156	322.62	0	48.854552	-86.949897	56316.45	56249	0.98	56317.43	56317.42969	56327.40064	56327.40234	503675.3	5411288.4
T11300.0	503675.3	5411288.4	80331.70313	322.06	0	48.854552	-86.949897	56316.09	56249	0.98	56317.07	56317.07031	56325.03501	56325.03516	503675.3	5411288.4
T11300.0	503677.3	5411288.5	80331.79688	322.31	0	48.854552	-86.949870	56315.93	56249	0.98	56316.92	56316.92188	56327.89448	56327.89453	503677.3	5411288.5
T11300.0	503677.3	5411288.5	80332.00000	322.03	0	48.854552	-86.949870	56315.45	56249	0.98	56316.43	56316.42969	56322.34720	56322.34766	503677.3	5411288.5
T11300.0	503678.4	5411288.5	80332.10156	322.90	0	48.854552	-86.949855	56315.18	56249	0.98	56316.16	56316.16016	56322.26729	56322.26563	503678.4	5411288.5
T11300.0	503679.6	5411288.5	80332.20313	322.21	0	48.854552	-86.949839	56315.09	56249	0.98	56316.07	56316.07031	56326.67296	56326.67188	503679.6	5411288.5
T11300.0	503681.4	5411288.5	80332.29688	324.15	0	48.854553	-86.949814	56314.73	56249	0.98	56315.71	56315.71094	56324.39755	56324.39844	503681.4	5411288.5
T11300.0	503681.4	5411288.5	80332.39844	324.06	0	48.854553	-86.949814	56314.31	56249	0.98	56315.29	56315.28906	56320.63441	56320.63281	503681.4	5411288.5
T11300.0	503683.0	5411288.5	80332.50000	321.72	0	48.854553	-86.949792	56314.28	56249	0.98	56315.26	56315.26172	56326.62423	56326.62500	503683.0	5411288.5
T11300.0	503683.0	5411288.5	80332.60156	321.91	0	48.854553	-86.949792	56313.79	56249	0.98	56314.77	56314.76953	56321.12525	56321.12500	503683.0	5411288.5
T11300.0	503684.3	5411288.5	80332.60156	323.84	0	48.854553	-86.949774	56313.67	56249	0.98	56314.65	56314.64844	56324.92650	56324.92578	503684.3	5411288.5
T11300.0	503685.9	5411288.6	80332.79688	326.07	0	48.854553	-86.949753	56313.40	56249	0.98	56314.38	56314.37891	56324.98027	56324.98047	503685.9	5411288.6
T11300.0	503685.9	5411288.6	80332.89844	325.98	0	48.854553	-86.949753	56312.95	56249	0.98	56313.93	56313.92969	56320.48368	56320.48438	503685.9	5411288.6
T11300.0	503687.8	5411288.6	80333.00000	327.33	0	48.854553	-86.949727	56312.70	56249	0.98	56313.68	56313.67969	56321.06428	56321.06250	503687.8	5411288.6
T11300.0	503688.9	5411288.6	80333.10156	327.55	0	48.854553	-86.949712	56312.31	56249	0.98	56313.29	56313.28906	56318.08894	56318.08984	503688.9	5411288.6
T11300.0	503690.3	5411288.6	80333.20313	326.41	0	48.854553	-86.949693	56312.06	56249	0.98	56313.04	56313.03906	56318.69798	56318.69922	503690.3	5411288.6
T11300.0	503690.3	5411288.6	80333.29688	325.70	0	48.854553	-86.949693	56312.14	56249	0.98	56313.11	56313.10938	56327.53830	56327.53906	503690.3	5411288.6
T11300.0	503692.4	5411288.6	80333.39844	325.91	0	48.854554	-86.949664	56311.80	56249	0.98	56312.78	56312.78125	56326.14164	56326.14063	503692.4	5411288.6
T11300.0	503692.4	5411288.6	80333.50000	327.20	0	48.854554	-86.949664	56311.34	56249	0.98	56312.32	56312.32031	56321.40686	56321.40625	503692.4	5411288.6
T11300.0	503693.5	5411288.6	80333.60156	325.67	0	48.854554	-86.949649	56311.14	56249	0.97	56312.12	56312.12109	56323.37284	56323.37109	503693.5	5411288.6
T11300.0	503695.1	5411288.7	80333.60156	326.95	0	48.854554	-86.949627	56310.70	56249	0.97	56311.67	56311.67188	56318.91505	56318.91406	503695.1	5411288.7
T11300.0	503696.4	5411288.7	80333.70313	326.10	0	48.854554	-86.949610	56310.63	56249	0.97	56311.61	56311.60938	56324.51218	56324.51172	503696.4	5411288.7
T11300.0	503696.4	5411288.7	80333.79688	325.08	0	48.854554	-86.949610	56310.38	56249	0.97	56311.35	56311.35156	56324.97225	56324.97266	503696.4	5411288.7
T11300.0	503698.4	5411288.7	80334.00000	324.89	0	48.854554	-86.949583	56309.81	56249	0.97	56310.78	56310.78125	56317.48582	56317.48438	503698.4	5411288.7
T11300.0	503698.4	5411288.7	80334.10156	325.06	0	48.854554	-86.949583	56309.81	56249	0.97	56310.78	56310.78125	56324.64793	56324.64844	503698.4	5411288.7
T11300.0	503699.5	5411288.7	80334.20313	325.35	0	48.854554	-86.949567	56309.18	56249	0.97	56310.15	56310.14844	56315.68630	56315.68750	503699.5	5411288.7
T11300.0	503700.8	5411288.7	80334.29688	325.97	0	48.854554	-86.949550	56309.25	56249	0.97	56310.22	56310.21875	56324.64248	56324.64063	503700.8	5411288.7
T11300.0	503702.0	5411288.7	80334.39844	325.08	0	48.854555	-86.949533	56308.61	56249	0.97	56309.59	56309.58984	56315.75853	56315.75781	503702.0	5411288.7
T11300.0	503703.7	5411288.8	80334.50000	325.00	0	48.854555	-86.949511	56308.56	56249	0.98	56309.53	56309.53125	56321.40946	56321.41016	503703.7	5411288.8
T11300.0	503703.7	5411288.8	80334.60156	322.76	0	48.854555	-86.949511	56308.07	56249	0.98	56309.05	56309.05078	56316.41668	56316.41797	503703.7	5411288.8
T11300.0	503705.0	5411288.8	80334.60156	323.34	0	48.854555	-86.949492	56307.70	56249	0.98	56308.67	56308.67188	56313.99601	56313.99609	503705.0	5411288.8
T11300.0	503706.3	5411288.8	80334.79688	323.29	0	48.854555	-86.949474	56307.62	56249	0.98	56308.60	56308.60156	56319.42560	56319.42578	503706.3	5411288.8
T11300.0	503706.3	5411288.8	80334.89844	324.67	0	48.854555	-86.949474	56307.18	56249	0.98	56308.16	56308.16016	56315.54533	56315.54688	503706.3	5411288.8
T11300.0	503708.0	5411288.8	80335.00000	324.00	0	48.854555	-86.949452	56307.11	56249	0.98	56308.09	56308.08984	56321.00317	56321.00391	503708.0	5411288.8
T11300.0	503709.1	5411288.8	80335.10156	324.24	0	48.854555	-86.949437	56306.77	56249	0.98	56307.75	56307.75000	56319.69428	56319.69531	503709.1	5411288.8
T11300.0	503710.4	5411288.8	80335.20313	324.08	0	48.854555	-86.949418	56306.41	56249	0.97	56307.39	56307.39063	56317.91225	56317.91406	503710.4	5411288.8
T11300.0	503710.4	5411288.8	80335.29688	324.48	0	48.854555	-86.949418	56306.08	56249	0.97	56307.05	56307.05078	56316.66004	56316.66016	503710.4	5411288.8
T11300.0	503711.7	5411288.8	80335.39844	323.82	0	48.854555	-86.949400	56305.68	56249	0.96	56306.64	56306.64063	56313.67860	56313.67969	503711.7	5411288.8
T11300.0	503713.1	5411288.9	80335.50000	322.97	0	48.854556	-86.949382	56305.57	56249	0.96	56306.53	56306.53125	56318.24665	56318.24609	503713.1	5411288.9
T11300.0	503714.6	5411288.9	80335.60156	324.80	0	48.854556	-86.949362	56304.68	56249	0.96	56305.64	56305.64063	56303.27666	56303.27734	503714.6	5411288.9
T11300.0	503714.6	5411288.9	80335.60156	326.03	0	48.854556	-86.949362	56304.73	56249	0.96	56305.68	56305.67969	56311.65617	56311.65625	503714.6	5411288.9
T11300.0	503716.4	5411288.9	80335.70313	324.89	0	48.854556	-86.949338	56304.36	56249	0.95	56305.31	56305.30859	56309.77613	56309.77734	503716.4	5411288.9
T11300.0	503717.5	5411288.9	80335.79688	323.23	0	48.854556	-86.949323	56304.12	56249.1	0.95	56305.07	56305.07031	56311.18129	56311.17969	503717.5	5411288.9
T11300.0	503718.8	5411288.9	80335.89844	324.34	0	48.854556	-86.949304	56303.92	56249.1	0.94	56304.86	56304.85938	56313.36215	56313.36328	503718.8	5411288.9
T11300.0	503718.8	5411288.9	80336.00000	325.27	0	48.854556	-86.949304	56303.56	56249.1	0.94	56304.50	56304.50000	56311.80279	56311.80469	503718.8	5411288.9
T11300.0	503720.6	5411288.9	80336.10156	326.99	0	48.854556	-86.949280	56303.45	56249.1	0.94	56304.39	56304.39063	56316.53058	56316.53125	503720.6	5411288.9
T11300.0	503720.6	5411288.9	80336.20313	327.62	0	48.854556	-86.949280	56303.00	56249.1	0.94	56303.94	56303.94141	56312.75949	56312.75781	503720.6	5411288.9
T11300.0	503722.1	5411288.9	80336.29688	327.71	0	48.854556	-86.949259	56302.62	56249.1	0.94	56303.56	56303.55859	56310.76812	56310.76953	503722.1	5411288.9

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
T11300.0	503723.4	5411288.9	80336.39844	326.44	0	48.854556	-86.949241	56302.18	56249.1	0.94	56303.12	56303.12109	56307.30876	56307.30859	503723.4	5411288.9
T11300.0	503725.0	5411288.9	80336.50000	327.01	0	48.854556	-86.949219	56301.72	56249.1	0.94	56302.66	56302.66016	56303.38864	56303.38672	503725.0	5411288.9
T11300.0	503725.0	5411288.9	80336.60156	325.14	0	48.854556	-86.949219	56301.57	56249.1	0.94	56302.51	56302.51172	56307.20439	56307.20313	503725.0	5411288.9
T11300.0	503726.8	5411288.9	80336.70313	324.52	0	48.854556	-86.949195	56301.26	56249.1	0.94	56302.20	56302.19922	56307.06303	56307.06250	503726.8	5411288.9
T11300.0	503728.3	5411288.9	80336.89844	324.34	0	48.854556	-86.949174	56300.70	56249.1	0.94	56301.64	56301.64063	56300.77286	56300.77344	503728.3	5411288.9
T11300.0	503728.3	5411288.9	80336.89844	325.27	0	48.854556	-86.949174	56300.77	56249.1	0.94	56301.71	56301.71094	56310.05645	56310.05469	503728.3	5411288.9
T11300.0	503730.0	5411288.9	80337.00000	324.76	0	48.854556	-86.949151	56299.96	56249.1	0.94	56300.90	56300.89844	56297.69275	56297.69141	503730.0	5411288.9
T11300.0	503731.1	5411288.9	80337.10156	324.33	0	48.854556	-86.949136	56299.96	56249.1	0.94	56300.90	56300.89844	56305.27526	56305.27344	503731.1	5411288.9
T11300.0	503732.7	5411288.9	80337.20313	324.37	0	48.854556	-86.949115	56299.58	56249.1	0.94	56300.52	56300.51953	56303.54900	56303.55078	503732.7	5411288.9
T11300.0	503732.7	5411288.9	80337.29688	322.97	0	48.854556	-86.949115	56299.38	56249.1	0.94	56300.32	56300.32031	56306.25903	56306.25781	503732.7	5411288.9
T11300.0	503734.8	5411288.9	80337.39844	324.15	0	48.854556	-86.949086	56298.78	56249.1	0.94	56299.73	56299.73047	56299.45171	56299.45313	503734.8	5411288.9
T11300.0	503736.1	5411288.9	80337.50000	323.76	0	48.854556	-86.949068	56298.61	56249.1	0.94	56299.56	56299.55859	56302.94903	56302.94922	503736.1	5411288.9
T11300.0	503737.8	5411288.9	80337.60156	322.94	0	48.854556	-86.949045	56298.30	56249.1	0.95	56299.24	56299.23828	56302.80422	56302.80469	503737.8	5411288.9
T11300.0	503737.8	5411288.9	80337.70313	321.64	0	48.854556	-86.949045	56297.70	56249.1	0.95	56298.64	56298.64063	56295.82638	56295.82813	503737.8	5411288.9
T11300.0	503739.2	5411288.9	80337.79688	320.95	0	48.854556	-86.949026	56298.02	56249.1	0.95	56298.97	56298.96875	56311.67699	56311.67578	503739.2	5411288.9
T11300.0	503740.6	5411288.9	80337.89844	322.69	0	48.854556	-86.949008	56297.58	56249.1	0.95	56298.53	56298.53125	56308.68223	56308.68359	503740.6	5411288.9
T11300.0	503740.6	5411288.9	80338.00000	321.86	0	48.854556	-86.949008	56297.61	56249.1	0.95	56298.56	56298.55859	56317.27846	56317.27734	503740.6	5411288.9
T11300.0	503742.0	5411288.9	80338.10156	322.19	0	48.854556	-86.948988	56296.90	56249.1	0.95	56297.85	56297.85156	56307.68460	56307.68359	503742.0	5411288.9
T11300.0	503743.5	5411288.9	80338.20313	324.46	0	48.854556	-86.948968	56296.88	56249.1	0.95	56297.82	56297.82031	56314.88955	56314.89063	503743.5	5411288.9
T11300.0	503743.5	5411288.9	80338.29688	325.53	0	48.854556	-86.948968	56296.13	56249.1	0.95	56297.08	56297.07813	56304.56761	56304.56641	503743.5	5411288.9
T11300.0	503745.0	5411288.9	80338.39844	327.42	0	48.854556	-86.948947	56295.93	56249.1	0.95	56296.88	56296.87891	56307.63362	56307.63281	503745.0	5411288.9
T11300.0	503746.4	5411288.9	80338.50000	326.99	0	48.854556	-86.948929	56295.77	56249.1	0.95	56296.72	56296.71875	56311.73319	56311.73438	503746.4	5411288.9
T11300.0	503746.4	5411288.9	80338.60156	327.37	0	48.854556	-86.948929	56295.04	56249.1	0.95	56295.99	56295.98828	56301.67962	56301.67969	503746.4	5411288.9
T11300.0	503749.2	5411288.9	80338.70313	325.70	0	48.854556	-86.948890	56295.16	56249.1	0.95	56296.11	56296.10938	56312.82025	56312.82031	503749.2	5411288.9
T11300.0	503749.2	5411288.9	80338.79688	324.05	0	48.854556	-86.948890	56294.50	56249.1	0.95	56295.45	56295.44922	56304.54151	56304.54297	503749.2	5411288.9
T11300.0	503751.0	5411288.9	80338.89844	322.66	0	48.854556	-86.948865	56294.60	56249.1	0.95	56295.55	56295.55078	56315.26471	56315.26563	503751.0	5411288.9
T11300.0	503751.0	5411288.9	80339.00000	322.58	0	48.854556	-86.948865	56293.84	56249.1	0.95	56294.79	56294.78906	56304.52374	56304.52344	503751.0	5411288.9
T11300.0	503752.7	5411288.9	80339.20313	322.62	0	48.854556	-86.948842	56293.78	56249.1	0.94	56294.72	56294.71875	56311.05806	56311.05859	503752.7	5411288.9
T11300.0	503754.3	5411288.9	80339.20313	326.55	0	48.854555	-86.948820	56292.94	56249.1	0.94	56293.88	56293.87891	56298.35984	56298.35938	503754.3	5411288.9
T11300.0	503755.7	5411288.9	80339.39844	326.71	0	48.854555	-86.948801	56293.22	56249.1	0.94	56294.16	56294.16016	56313.69887	56313.69922	503755.7	5411288.9
T11300.0	503755.7	5411288.9	80339.39844	324.51	0	48.854555	-86.948801	56292.56	56249.1	0.94	56293.50	56293.50000	56305.56045	56305.55859	503755.7	5411288.9
T11300.0	503757.6	5411288.9	80339.50000	324.37	0	48.854555	-86.948775	56292.20	56249.1	0.93	56293.13	56293.12891	56304.70321	56304.70313	503757.6	5411288.9
T11300.0	503759.4	5411288.8	80339.60156	324.83	0	48.854555	-86.948751	56291.92	56249.1	0.93	56292.85	56292.85156	56306.12385	56306.12500	503759.4	5411288.8
T11300.0	503759.4	5411288.8	80339.70313	323.59	0	48.854555	-86.948751	56291.11	56249.1	0.93	56292.03	56292.03125	56294.10143	56294.10156	503759.4	5411288.8
T11300.0	503761.0	5411288.8	80339.79688	321.47	0	48.854555	-86.948728	56290.80	56249.1	0.93	56291.73	56291.73047	56295.09036	56295.08984	503761.0	5411288.8
T11300.0	503762.5	5411288.8	80339.89844	323.27	0	48.854555	-86.948708	56290.39	56249.1	0.92	56291.32	56291.32031	56293.36843	56293.36719	503762.5	5411288.8
T11300.0	503762.5	5411288.8	80340.10156	323.18	0	48.854555	-86.948708	56290.44	56249.1	0.92	56291.36	56291.35938	56302.89803	56302.89844	503762.5	5411288.8
T11300.0	503763.9	5411288.8	80340.10156	323.60	0	48.854555	-86.948689	56290.01	56249.1	0.92	56290.93	56290.92969	56300.74525	56300.74609	503763.9	5411288.8
T11300.0	503765.1	5411288.9	80340.20313	323.44	0	48.854555	-86.948673	56290.06	56249.1	0.92	56290.97	56290.96875	56310.35037	56310.35156	503765.1	5411288.9
T11300.0	503767.0	5411288.9	80340.29688	324.23	0	48.854555	-86.948647	56289.34	56249.1	0.92	56290.26	56290.26172	56301.28281	56301.28125	503767.0	5411288.9
T11300.0	503767.0	5411288.9	80340.39844	324.13	0	48.854555	-86.948647	56288.48	56249.1	0.92	56289.40	56289.39844	56288.49245	56288.49219	503767.0	5411288.9
T11300.0	503768.4	5411288.9	80340.50000	325.64	0	48.854556	-86.948628	56288.22	56249.1	0.92	56289.14	56289.14063	56290.71573	56290.71484	503768.4	5411288.9
T11300.0	503769.9	5411288.9	80340.60156	325.16	0	48.854556	-86.948607	56287.94	56249.1	0.92	56288.86	56288.85938	56292.47773	56292.47656	503769.9	5411288.9
T11300.0	503771.8	5411289.0	80340.79688	324.97	0	48.854556	-86.948582	56287.84	56249.1	0.92	56288.76	56288.76172	56298.78616	56298.78516	503771.8	5411289.0
T11300.0	503771.8	5411289.0	80340.89844	324.20	0	48.854556	-86.948582	56287.61	56249.1	0.92	56288.53	56288.53125	56301.88119	56301.88281	503771.8	5411289.0
T11300.0	503773.2	5411289.0	80340.89844	324.71	0	48.854556	-86.948562	56287.23	56249.1	0.92	56288.15	56288.14844	56301.25272	56301.25391	503773.2	5411289.0
T11300.0	503773.2	5411289.0	80341.10156	325.64	0	48.854556	-86.948562	56286.96	56249.1	0.92	56287.88	56287.87891	56303.41695	56303.41797	503773.2	5411289.0
T11300.0	503775.1	5411289.0	80341.10156	326.50	0	48.854557	-86.948537	56286.08	56249.1	0.92	56287.00	56287.00000	56290.31042	56290.30859	503775.1	5411289.0
T11300.0	503776.5	5411289.0	80341.20313	325.31	0	48.854557	-86.948518	56285.85	56249.1	0.92	56286.77	56286.76953	56293.54677	56293.54688	503776.5	5411289.0
T11300.0	503778.2	5411289.0	80341.29688	326.31	0	48.854557	-86.948495	56285.11	56249.1	0.92	56286.03	56286.03125	56284.02664	56284.02734	503778.2	5411289.0
T11300.0	503778.2	5411289.0	80341.39844	326.80	0	48.854557	-86.948495	56284.86	56249.1	0.92	56285.78	56285.78125	56286.83550	56286.83594	503778.2	5411289.0
T11300.0	503779.7	5411289.1	80341.50000	324.82	0	48.854557	-86.948474	56284.64	56249.1	0.92	56285.56	56285.55859	56290.42940	56290.42969	503779.7	5411289.1
T11300.0	503779.7	5411289.1	80341.60156	323.71	0	48.854557	-86.948474	56284.24	56249.1	0.92	56285.16	56285.16016	56289.55047	56289.55078	503779.7	5411289.1
T11300.0	503781.1	5411289.1	80341.70313	323.91	0	48.854557	-86.948455	56283.78	56249.1	0.92	56284.70	56284.69922	56287.21213	56287.21094	503781.1	5411289.1
T11300.0	503782.5	5411289.1	80341.79688	323.17	0	48.854557	-86.948435	56283.57	56249.1	0.92	56284.49	56284.48828	56291.15730	56291.15625	503782.5	5411289.1
T11300.0	503784.2	5411289.1	80341.89844	322.35	0	48.854558	-86.948413	56282.81	56249.1	0.92	56283.73	56283.73047	56281.42382	56281.42188	503784.2	5411289.1
T11300.0	503784.2	5411289.1	80342.00000	323.56	0	48.854558	-86.948413	56282.61	56249.1	0.92	56283.53	56283.53125	56285.69453	56285.69531	503784.2	5411289.1
T11300.0	503785.6	5411289.2	80342.10156	324.91	0	48.854558	-86.948394	56282.40	56249.1	0.92	56283.32	56283.32031	56289.74737	56289.74609	503785.6	5411289.2
T11300.0	503787.2	5411289.2	80342.20313	325.25	0	48.854558	-86.948372	56282.04	56249.1	0.92	56282.95	56282.94922	56289.86009	56289.85938	503787.2	5411289.2
T11300.0	503788.4	5411289.2	80342.29688	324.35	0	48.854558	-86.948356	56281.94	56249.1	0.91	56282.85	56282.85156	56296.71995	56296.71875	503788.4	5411289.2
T11300.0	503788.4	5411289.2	80342.39844	325.06	0	48.854558	-86.948356	56281.13	56249.1	0.91	56282.04	56282.03906	56285.99930	56286.00000	503788.4	5411289.2
T11300.0	503789.8	5411289.2	80342.50000	324.02	0	48.854558	-86.948337	56281.18	56249.1	0.91	56282.09	56282.08984	56296.67316	56296.67188	503789.8	5411289.2
T11300.0	503791.5	5411289.2	80342.60156	323.73	0	48.854558	-86.948313	56280.64	56249.1	0.91	56281.55	56281.55078	56292.75176	56292.75000	503791.5	5411289.2
T11300.0	503792.9	5411289.2	80342.70313	324.53	0	48.854558	-86.948294	56280.18	56249.1	0.91	56281.09	56281.08984	56290.86412	56290.86328	503792.9	5411289.2
T11300.0	503792.9	5411289.2	80342.79688	323.45	0	48.854558	-86.948294	56279.60	56249.1	0.90	56280.50	56280.50000	56285.78724	56285.78906	503792.9	5411289.2
T11300.0	503794.5	5411289.2	80342.89844	323.32	0	48.854558	-86.948272	56279.14	56249.1	0.90	56280.04	56280.03906	56283.98648	56283.98828	503794.5	5411289.2
T11300.0	503794.5	5411289.2	80343.00000	324.09	0	48.854558	-86.948272	56278.75	56249.1	0.90	56279.65	56279.64844	56283.97915	56283.98047	503794.5	5411289.2
T11300.0	503796.6	5411289.1	80343.10156	323.29	0	48.854558	-86.948244	56278.57	56249.1	0.90	56279.47	56279.46875	56289.28925	56289.28906	503796.6	5411289.1
T11300.0	503798.5	5411289.1	80343.29688	324.75	0	48.854558	-86.948218	56278.12	56249.1	0.90	56279.02	56279.01953	56287.89563	56287.89453	503798.5	5411289.1
T11300.0	503799.7	5411289.1	80343.29688	325.55	0	48.854558	-86.948201	56277.78	56249.1	0.90	56278.68	56278.67969	56289.32486	56289.32422	503799.7	5411289.1
T11300.0	503801.2	5411289.2	80343.39844	326.81	0	48.854558	-86.948181	56277.32	56249.1	0.90	56278.23	56278.23047	56288.03402	56288.03516	503801.2	5411289.2
T11300.0	503801.2	5411289.2	80343.50000	325.83	0	48.854558	-86.948181	56276.41	56249.1	0.91	56277.31	56277.30859	56274.83141	56274.83203	503801.2	5411289.2
T11300.0	503802.7	5411289.2	80343.60156	324.86	0	48.854558	-86.948160	56276.35	56249.1	0.91	56277.25	56277.25000	56283.54868	56283.54688	503802.7	5411289.2
T11300.0	503804.5	5411289.1	80343.70313	325.08	0	48.854558	-86.948136	56275.85	56249.1	0.91	56276.76	56276.76172	56281.36326	56281.36328	503804.5	5411289.1
T11300.0	503804.5	5411289.1	80343.79688	324.44	0	48.854558	-86.948136	56275.48	56249.1	0.91	56276.39	56276.39063	56282.30975	56282.30859	503804.5	5411289.1
T11300.0	503806.3	5411289.1	80343.89844	325.64	0	48.854558	-86.948112	56275.02	56249.1	0.91	56275.93	56275.92969	56280.99276	56280.99219	503806.3	5411289.1
T11300.0	503806.3	5411289.1	80344.00000	325.79	0	48.854558	-86.948112	56274.86	56249.1	0.91	56275.77	56275.76953	56287.52349	56287.52344	503806.3	5411289.1
T11300.0	503808.0	5411289.1	80344.10156	326.98	0	48.854558	-86.948088	56274.29	56249.1	0.91	56275.19	56275.19141	56283.20260	56283.20313	503808.0	5411289.1
T11300.0	503809.5	5411289.2	80344.29688	324.76	0	48.854558	-86.948068	56273.98	56249.1	0.90	56274.88	56274.87891	56285.98318	56285.98438	503809.5	5411289.2
T11300.0	503811.4	5411289.2	80344.29688	324.50	0	48.854558	-86.948042	56273.64	56249.1	0.90	56274.54	56274.53906	56288.05319	56288.05469	503811.4	5411289.2
T11300.0	503811.4	5411289.2	80344.39844	324.39	0	48.854558	-86.948042	56273.09	56249.1	0.90	56273.99	56273.98828	56284.64995	56284.64844	503811.4	5411289.2
T11300.0	503813.0	5411289.1	80344.50000	326.27	0	48.854558	-86.948020	56272.81	56249.1	0.90	56273.70	56273.69922	56288.16726	56288.16797	503813.0	5411289.1
T11300.0	503814.4	5411289.1	80344.60156	326.71	0	48.854558	-86.948001	56272.02	56249.1	0.89	56272.91	56272.91016	56278.48590	56278.48438	503814.4	5411289.1
T11300.0	503814.4	5411289.1	80344.70313	327.85	0	48.854558	-86.948001	56271.89	56249.1	0.89	56272.78	56272.78125	56286.37671	56286.37500	503814.4	5411289.1
T11300.0	503816.1	5411289.2	80344.89844	328.27	0	48.854558	-86.947978	56270.99	56249.1	0.88	56271.87	56271.87109	56273.56802	56273.56641	503816.1	5411289.2
T11300.0	503817.5	5411289.2	80344.89844	328.75	0	48.854558	-86.947959	56270.82	56249.1	0.88	56271.70	56271.69922	56280.52600	56280.52734	503817.5	5411289.2
T11300.0	503817.5	5411289.2	80345.00000	327.30	0	48.854558	-86.947959	56270.41	56249.1	0.88	56271.29	56271.28906	56281.14685	56281.14844	503817.5	5411289.2
T11300.0	503819.5	5411289.2	80345.10156	327.57	0	48.854558	-86.947931	56269.99	56249.1	0.88	56270.87	56270.87109	56281.55726	56281.55859	503819.5	5411289.2
T11300.0	503821.2	5411289.2	80345.20313	327.11	0	48.854558	-86.947909	56269.41	56249.1	0.88	56270.28	56270.28125	56277.48359	56277.48438	503821.2	5411289.2
T11300.0	503822.6	5411289.2	80345.29688	326.33	0	48.854558	-86.947890	56268.88	56249.1	0.88	56269.75	56269.75000	56275.07044	56275.07031	503822.6	5411289.2
T11300.0	503822.6	5411289.2	80345.39844	326.04	0	48.854558	-86.947890	56268.39	56249.1	0.88	56269.27	56269.26953	56274.05025	56274.05078	503822.6	5411289.2
T11300.0	503824.0	5411289.2	80345.50000	325.28	0	48.854558	-86.947871	56267.96	56249.1	0.88	56268.83	56268.82813	56274.15217	56274.15234	503824.0	5411289.2
T11300.0	503825.6	5411289.2	80345.60156	324.66	0	48.854558	-86.947849	56267.88	56249.1	0.87	56268.76	56268.76172	56284.12627	56284.12500	503825.6	5411289.2

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
T11300.0	503825.6	5411289.2	80345.70313	324.76	0	48.854558	-86.947849	56266.98	56249.1	0.87	56267.85	56267.85156	56271.86764	56271.86719	503825.6	5411289.2
T11300.0	503827.2	5411289.2	80345.79688	326.14	0	48.854558	-86.947826	56266.76	56249.1	0.87	56267.63	56267.62891	56277.93530	56277.93359	503827.2	5411289.2
T11300.0	503829.3	5411289.2	80345.89844	326.59	0	48.854558	-86.947798	56265.86	56249.1	0.87	56266.73	56266.73047	56266.13967	56266.14063	503829.3	5411289.2
T11300.0	503829.3	5411289.2	80346.10156	326.43	0	48.854558	-86.947798	56265.91	56249.1	0.87	56266.78	56266.78125	56279.35135	56279.35156	503829.3	5411289.2
T11300.0	503830.8	5411289.2	80346.10156	326.13	0	48.854558	-86.947777	56264.94	56249.1	0.87	56265.81	56265.80859	56265.91558	56265.91406	503830.8	5411289.2
T11300.0	503830.8	5411289.2	80346.20313	326.99	0	48.854558	-86.947777	56264.62	56249.1	0.87	56265.49	56265.48828	56269.51158	56269.51172	503830.8	5411289.2
T11300.0	503832.3	5411289.2	80346.29688	326.17	0	48.854558	-86.947757	56264.20	56249.1	0.87	56265.07	56265.07031	56270.53879	56270.53906	503832.3	5411289.2
T11300.0	503834.3	5411289.3	80346.50000	325.31	0	48.854558	-86.947730	56263.68	56249.1	0.87	56264.55	56264.55078	56269.02919	56269.02734	503834.3	5411289.3
T11300.0	503835.6	5411289.3	80346.50000	324.17	0	48.854558	-86.947713	56263.39	56249.1	0.87	56264.26	56264.26172	56273.46861	56273.46875	503835.6	5411289.3
T11300.0	503835.6	5411289.3	80346.60156	325.32	0	48.854558	-86.947713	56262.70	56249.1	0.87	56263.57	56263.57031	56267.70867	56267.70703	503835.6	5411289.3
T11300.0	503837.8	5411289.3	80346.70313	325.30	0	48.854559	-86.947683	56262.31	56249.1	0.87	56263.18	56263.17969	56269.65991	56269.66016	503837.8	5411289.3
T11300.0	503837.8	5411289.3	80346.79688	324.64	0	48.854559	-86.947683	56261.78	56249.1	0.87	56262.65	56262.64844	56268.09200	56268.09375	503837.8	5411289.3
T11300.0	503840.2	5411289.3	80346.89844	323.96	0	48.854559	-86.947650	56261.22	56249.1	0.87	56262.09	56262.08984	56265.81639	56265.81641	503840.2	5411289.3
T11300.0	503840.2	5411289.3	80347.00000	323.78	0	48.854559	-86.947650	56260.87	56249.1	0.87	56261.74	56261.73828	56268.87558	56268.87500	503840.2	5411289.3
T11300.0	503841.9	5411289.3	80347.10156	322.63	0	48.854559	-86.947626	56260.15	56249.1	0.87	56261.02	56261.01953	56262.66816	56262.66797	503841.9	5411289.3
T11300.0	503843.7	5411289.3	80347.29688	324.35	0	48.854559	-86.947601	56259.71	56249.1	0.86	56260.58	56260.57813	56263.53474	56263.53516	503843.7	5411289.3
T11300.0	503843.7	5411289.3	80347.29688	324.16	0	48.854559	-86.947601	56259.20	56249.1	0.86	56260.06	56260.05859	56262.42830	56262.42969	503843.7	5411289.3
T11300.0	503844.9	5411289.3	80347.39844	325.25	0	48.854559	-86.947586	56258.46	56249.1	0.86	56259.33	56259.32813	56256.10727	56256.10547	503844.9	5411289.3
T11300.0	503846.7	5411289.3	80347.50000	325.31	0	48.854559	-86.947560	56258.20	56249.1	0.86	56259.06	56259.05859	56261.30642	56261.30469	503846.7	5411289.3
T11300.0	503846.7	5411289.3	80347.60156	323.22	0	48.854559	-86.947560	56257.92	56249.1	0.86	56258.78	56258.78125	56266.27662	56266.27734	503846.7	5411289.3
T11300.0	503848.3	5411289.4	80347.70313	323.19	0	48.854559	-86.947539	56257.24	56249.1	0.86	56258.09	56258.08984	56261.03508	56261.03516	503848.3	5411289.4
T11300.0	503849.7	5411289.4	80347.79688	323.29	0	48.854560	-86.947520	56256.88	56249.1	0.85	56257.74	56257.73828	56264.30598	56264.30469	503849.7	5411289.4
T11300.0	503851.0	5411289.4	80347.89844	323.62	0	48.854560	-86.947502	56255.92	56249.1	0.85	56256.77	56256.76953	56252.08753	56252.08594	503851.0	5411289.4
T11300.0	503851.0	5411289.4	80348.10156	324.18	0	48.854560	-86.947502	56255.55	56249.2	0.85	56256.40	56256.39844	56254.88688	56254.88672	503851.0	5411289.4
T11300.0	503853.2	5411289.4	80348.10156	325.34	0	48.854560	-86.947472	56255.14	56249.2	0.85	56255.99	56255.98828	56256.70479	56256.70313	503853.2	5411289.4
T11300.0	503854.6	5411289.5	80348.20313	325.36	0	48.854560	-86.947453	56254.79	56249.2	0.85	56255.64	56255.64063	56260.05558	56260.05469	503854.6	5411289.5
T11300.0	503854.6	5411289.5	80348.39844	324.79	0	48.854560	-86.947453	56254.15	56249.2	0.85	56255.00	56255.00000	56256.10124	56256.10156	503854.6	5411289.5
T11300.0	503856.6	5411289.5	80348.50000	324.72	0	48.854560	-86.947426	56253.70	56249.2	0.85	56254.54	56254.53906	56256.69422	56256.69531	503856.6	5411289.5
T11300.0	503857.9	5411289.5	80348.60156	324.15	0	48.854560	-86.947408	56252.88	56249.2	0.85	56253.73	56253.73047	56248.37358	56248.37500	503857.9	5411289.5
T11300.0	503857.9	5411289.5	80348.60156	324.83	0	48.854560	-86.947408	56252.36	56249.2	0.85	56253.21	56253.21094	56247.40602	56247.40625	503857.9	5411289.5
T11300.0	503859.4	5411289.5	80348.70313	326.72	0	48.854561	-86.947387	56251.72	56249.2	0.85	56252.57	56252.57031	56243.34268	56243.34375	503859.4	5411289.5
T11300.0	503859.4	5411289.5	80348.79688	327.25	0	48.854561	-86.947387	56251.27	56249.2	0.85	56252.12	56252.12109	56244.14146	56244.14063	503859.4	5411289.5
T11300.0	503861.4	5411289.6	80348.89844	326.64	0	48.854561	-86.947361	56250.91	56249.2	0.85	56251.76	56251.76172	56247.26798	56247.26953	503861.4	5411289.6
T11300.0	503863.3	5411289.6	80349.10156	326.38	0	48.854561	-86.947334	56250.52	56249.2	0.85	56251.37	56251.37109	56249.62448	56249.62500	503863.3	5411289.6
T11300.0	503863.3	5411289.6	80349.10156	323.90	0	48.854561	-86.947334	56249.82	56249.2	0.85	56250.67	56250.67188	56243.89692	56243.89844	503863.3	5411289.6
T11300.0	503864.7	5411289.6	80349.20313	324.04	0	48.854562	-86.947315	56249.43	56249.2	0.85	56250.27	56250.26953	56245.95911	56245.96094	503864.7	5411289.6
T11300.0	503866.1	5411289.7	80349.29688	325.34	0	48.854562	-86.947296	56248.99	56249.2	0.85	56249.84	56249.83984	56247.22141	56247.22266	503866.1	5411289.7
T11300.0	503868.0	5411289.7	80349.39844	326.34	0	48.854562	-86.947270	56248.43	56249.2	0.85	56249.28	56249.28125	56245.04990	56245.05078	503868.0	5411289.7
T11300.0	503868.0	5411289.7	80349.50000	325.75	0	48.854562	-86.947270	56247.82	56249.2	0.85	56248.67	56248.67188	56241.53188	56241.53125	503868.0	5411289.7
T11300.0	503869.5	5411289.7	80349.60156	327.01	0	48.854562	-86.947250	56247.13	56249.2	0.84	56247.97	56247.96875	56235.61981	56235.62109	503869.5	5411289.7
T11300.0	503870.9	5411289.7	80349.70313	326.64	0	48.854562	-86.947231	56246.84	56249.2	0.84	56247.68	56247.67969	56240.42558	56240.42578	503870.9	5411289.7
T11300.0	503872.3	5411289.7	80349.79688	327.36	0	48.854562	-86.947212	56246.34	56249.2	0.84	56247.18	56247.17969	56239.68328	56239.68359	503872.3	5411289.7
T11300.0	503872.3	5411289.7	80349.89844	326.05	0	48.854562	-86.947212	56245.78	56249.2	0.84	56246.62	56246.62109	56237.33239	56237.33203	503872.3	5411289.7
T11300.0	503873.9	5411289.7	80350.00000	326.64	0	48.854563	-86.947190	56245.24	56249.2	0.84	56246.08	56246.07813	56235.46506	56235.46484	503873.9	5411289.7
T11300.0	503875.8	5411289.8	80350.10156	326.80	0	48.854563	-86.947164	56244.68	56249.2	0.84	56245.52	56245.51953	56233.03750	56233.03906	503875.8	5411289.8
T11300.0	503875.8	5411289.8	80350.20313	327.57	0	48.854563	-86.947164	56244.20	56249.2	0.84	56245.04	56245.03906	56232.63852	56232.63672	503875.8	5411289.8
T11300.0	503877.4	5411289.8	80350.29688	326.49	0	48.854563	-86.947142	56243.73	56249.2	0.83	56244.57	56244.57031	56232.43996	56232.44141	503877.4	5411289.8
T11300.0	503879.0	5411289.8	80350.39844	325.94	0	48.854563	-86.947121	56243.38	56249.2	0.83	56244.21	56244.21094	56235.00229	56235.00391	503879.0	5411289.8
T11300.0	503880.3	5411289.8	80350.50000	325.73	0	48.854563	-86.947103	56242.87	56249.2	0.83	56243.70	56243.69922	56233.64245	56233.64063	503880.3	5411289.8
T11300.0	503880.3	5411289.8	80350.60156	324.60	0	48.854563	-86.947103	56242.41	56249.2	0.83	56243.24	56243.23828	56233.49561	56233.49609	503880.3	5411289.8
T11300.0	503882.1	5411289.8	80350.70313	323.22	0	48.854563	-86.947078	56241.84	56249.2	0.83	56242.67	56242.67188	56230.48339	56230.48438	503882.1	5411289.8
T11300.0	503882.1	5411289.8	80350.89844	323.55	0	48.854563	-86.947078	56241.55	56249.2	0.82	56242.37	56242.37109	56234.24663	56234.24609	503882.1	5411289.8
T11300.0	503883.5	5411289.8	80350.89844	322.92	0	48.854563	-86.947058	56241.03	56249.2	0.82	56241.85	56241.85156	56232.35735	56232.35547	503883.5	5411289.8
T11300.0	503885.1	5411289.8	80351.00000	324.25	0	48.854563	-86.947037	56240.70	56249.2	0.82	56241.52	56241.51953	56235.17900	56235.17969	503885.1	5411289.8
T11300.0	503886.3	5411289.8	80351.10156	324.29	0	48.854563	-86.947021	56240.13	56249.2	0.82	56240.95	56240.94922	56231.87922	56231.87891	503886.3	5411289.8
T11300.0	503886.3	5411289.8	80351.29688	323.35	0	48.854563	-86.947021	56239.54	56249.2	0.82	56240.36	56240.35938	56228.00774	56228.00781	503886.3	5411289.8
T11300.0	503888.2	5411289.8	80351.29688	323.95	0	48.854563	-86.946996	56239.20	56249.2	0.82	56240.02	56240.01953	56230.31902	56230.32031	503888.2	5411289.8
T11300.0	503888.2	5411289.8	80351.39844	322.85	0	48.854563	-86.946996	56238.50	56249.2	0.82	56239.32	56239.32031	56223.53983	56223.53906	503888.2	5411289.8
T11300.0	503889.5	5411289.8	80351.50000	323.30	0	48.854563	-86.946977	56238.23	56249.2	0.82	56239.05	56239.05078	56227.42314	56227.42188	503889.5	5411289.8
T11300.0	503890.6	5411289.8	80351.60156	324.58	0	48.854563	-86.946962	56237.64	56249.2	0.82	56238.46	56238.46094	56223.22798	56223.22656	503890.6	5411289.8
T11300.0	503891.8	5411289.7	80351.70313	325.02	0	48.854563	-86.946946	56237.23	56249.2	0.82	56238.05	56238.05078	56223.43699	56223.43750	503891.8	5411289.7
T11300.0	503893.1	5411289.7	80351.79688	325.26	0	48.854562	-86.946929	56236.82	56249.2	0.82	56237.64	56237.64063	56223.55504	56223.55469	503893.1	5411289.7
T11300.0	503893.1	5411289.7	80351.89844	326.04	0	48.854562	-86.946929	56236.31	56249.2	0.82	56237.13	56237.12891	56221.09182	56221.09375	503893.1	5411289.7
T11300.0	503894.6	5411289.7	80352.00000	324.75	0	48.854562	-86.946907	56235.86	56249.2	0.82	56236.68	56236.67969	56220.03071	56220.03125	503894.6	5411289.7
T11300.0	503896.0	5411289.7	80352.10156	325.93	0	48.854562	-86.946889	56235.39	56249.2	0.82	56236.21	56236.21094	56218.37914	56218.37891	503896.0	5411289.7
T11300.0	503897.6	5411289.7	80352.20313	325.01	0	48.854562	-86.946867	56234.94	56249.2	0.82	56235.76	56235.76172	56217.13086	56217.12891	503897.6	5411289.7
T11300.0	503897.6	5411289.7	80352.29688	324.75	0	48.854562	-86.946867	56234.65	56249.2	0.82	56235.47	56235.46875	56219.76139	56219.76172	503897.6	5411289.7
T11300.0	503899.3	5411289.6	80352.39844	324.96	0	48.854561	-86.946844	56234.09	56249.2	0.82	56234.91	56234.91016	56215.58914	56215.58984	503899.3	5411289.6
T11300.0	503899.3	5411289.6	80352.50000	325.26	0	48.854561	-86.946844	56233.70	56249.2	0.82	56234.51	56234.51172	56215.29492	56215.29688	503899.3	5411289.6
T11300.0	503901.1	5411289.6	80352.60156	325.55	0	48.854561	-86.946819	56233.38	56249.2	0.81	56234.19	56234.19141	56216.88409	56216.88281	503901.1	5411289.6
T11300.0	503902.5	5411289.6	80352.70313	325.24	0	48.854561	-86.946801	56233.05	56249.2	0.81	56233.86	56233.85938	56218.12152	56218.12109	503902.5	5411289.6
T11300.0	503903.7	5411289.6	80352.89844	323.46	0	48.854561	-86.946784	56232.58	56249.2	0.81	56233.39	56233.39063	56215.78231	56215.78125	503903.7	5411289.6
T11300.0	503903.7	5411289.6	80352.89844	322.99	0	48.854561	-86.946784	56232.22	56249.2	0.81	56233.03	56233.03125	56216.06741	56216.06641	503903.7	5411289.6
T11300.0	503905.4	5411289.6	80353.00000	323.66	0	48.854561	-86.946760	56231.82	56249.2	0.81	56232.63	56232.62891	56215.25622	56215.25781	503905.4	5411289.6
T11300.0	503906.8	5411289.6	80353.10156	322.17	0	48.854561	-86.946742	56231.54	56249.2	0.81	56232.35	56232.35156	56217.31923	56217.32031	503906.8	5411289.6
T11300.0	503908.0	5411289.6	80353.20313	322.32	0	48.854561	-86.946725	56231.21	56249.2	0.81	56232.02	56232.01953	56218.03809	56218.03906	503908.0	5411289.6
T11300.0	503908.0	5411289.6	80353.29688	323.25	0	48.854561	-86.946725	56230.83	56249.2	0.81	56231.64	56231.64063	56217.41166	56217.41016	503908.0	5411289.6
T11300.0	503909.5	5411289.6	80353.39844	324.27	0	48.854561	-86.946705	56230.52	56249.2	0.81	56231.34	56231.33984	56218.66668	56218.66797	503909.5	5411289.6
T11300.0	503909.5	5411289.6	80353.50000	323.93	0	48.854561	-86.946705	56229.82	56249.2	0.82	56230.64	56230.64063	56209.88480	56209.88672	503909.5	5411289.6
T11300.0	503910.8	5411289.6	80353.60156	323.87	0	48.854561	-86.946686	56229.57	56249.2	0.82	56230.39	56230.39063	56212.16806	56212.16797	503910.8	5411289.6
T11300.0	503912.1	5411289.6	80353.70313	323.85	0	48.854561	-86.946669	56229.21	56249.2	0.82	56230.03	56230.03125	56211.61084	56211.60938	503912.1	5411289.6
T11300.0	503912.1	5411289.6	80353.79688	325.71	0	48.854561	-86.946669	56228.97	56249.2	0.82	56229.79	56229.78906	56213.92119	56213.92188	503912.1	5411289.6
T11300.0	503913.5	5411289.6	80353.89844	325.71	0	48.854561	-86.946650	56228.86	56249.2	0.82	56229.68	56229.67969	56219.34845	56219.34766	503913.5	5411289.6
T11300.0	503914.5	5411289.6	80354.00000	325.58	0	48.854561	-86.946636	56228.27	56249.2	0.82	56229.09	56229.08984	56212.74368	56212.74219	503914.5	5411289.6
T11300.0	503915.8	5411289.6	80354.10156	326.45	0	48.854561	-86.946619	56227.98	56249.2	0.82	56228.80	56228.80078	56213.47679	56213.47656	503915.8	5411289.6
T11300.0	503916.7	5411289.5	80354.20313	325.82	0	48.854560	-86.946606	56227.62	56249.2	0.82	56228.44	56228.44141	56212.35828	56212.35938	503916.7	5411289.5
T11300.0	503916.7	5411289.5	80354.29688	324.87	0	48.854560	-86.946606	56227.17	56249.2	0.82	56227.99	56227.98828	56208.88993	56208.89063	503916.7	5411289.5
T11300.0	503918.4	5411289.5	80354.50000	325.62	0	48.854560	-86.946584	56226.90	56249.2	0.82	56227.72	56227.71875	56209.78360	56209.78516	503918.4	5411289.5
T11300.0	503918.4	5411289.5	80354.50000	324.63	0	48.854560	-86.946584	56226.58	56249.2	0.82	56227.40	56227.39844	56209.32462	56209.32422	503918.4	5411289.5
T11300.0	503919.3	5411289.5	80354.60156	323.63	0	48.854560	-86.946571	56226.31	56249.2	0.82	56227.13	56227.12891	56209.99790	56209.99609	503919.3	5411289.5
T11300.0	503920.5	5411289.5	80354.70313	323.11	0	48.854560	-86.946554	56226.03	56249.2	0.82	56226.85	56226.85156	56210.31234	56210.31250	503920.5	5411289.5
T11300.0	503920.5	5411289.5	80354.79688	322.42	0	48.854560	-86.946554	56225.54	56249.2	0.82	56226.36	56226.35938	56205.31609	56205.31641	503920.5	5411289.5
T11300.0	503921.7	5411289.5	80354.89844	322.69	0	48.854560	-86.946538	56225.39	56249.2	0.82	56226.21	56226.21094	56208.62700	56208.62891	503921.7	5411289.5

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
T11300.0	503922.6	5411289.5	80355.00000	323.06	0	48.854560	-86.946526	56225.14	56249.2	0.82	56225.96	56225.96094	56209.34460	56209.34375	503922.6	5411289.5
T11300.0	503923.9	5411289.4	80355.10156	323.77	0	48.854560	-86.946508	56224.98	56249.2	0.82	56225.80	56225.80078	56212.15591	56212.15625	503923.9	5411289.4
T11300.0	503923.9	5411289.4	80355.20313	323.58	0	48.854560	-86.946508	56224.54	56249.2	0.82	56225.36	56225.35938	56207.97048	56207.96875	503923.9	5411289.4
T11300.0	503925.2	5411289.4	80355.29688	323.88	0	48.854559	-86.946490	56224.27	56249.2	0.83	56225.10	56225.10156	56208.08976	56208.08984	503925.2	5411289.4
T11300.0	503925.9	5411289.4	80355.39844	322.63	0	48.854559	-86.946481	56224.11	56249.2	0.83	56224.94	56224.94141	56210.52360	56210.52344	503925.9	5411289.4
T11300.0	503926.8	5411289.4	80355.50000	324.56	0	48.854559	-86.946468	56223.63	56249.2	0.83	56224.46	56224.46094	56205.04342	56205.04297	503926.8	5411289.4
T11300.0	503926.8	5411289.4	80355.60156	324.25	0	48.854559	-86.946468	56223.29	56249.2	0.83	56224.12	56224.12109	56202.85881	56202.85938	503926.8	5411289.4
T11300.0	503928.1	5411289.3	80355.70313	323.98	0	48.854559	-86.946451	56223.22	56249.2	0.83	56224.05	56224.05078	56207.08409	56207.08594	503928.1	5411289.3
T11300.0	503928.1	5411289.3	80355.79688	323.59	0	48.854559	-86.946451	56222.95	56249.2	0.84	56223.78	56223.78125	56206.33335	56206.33203	503928.1	5411289.3
T11300.0	503929.5	5411289.3	80355.89844	324.41	0	48.854558	-86.946433	56222.80	56249.2	0.84	56223.64	56223.64063	56208.58850	56208.58984	503929.5	5411289.3
T11300.0	503930.4	5411289.3	80356.00000	323.96	0	48.854558	-86.946420	56222.64	56249.2	0.84	56223.48	56223.48047	56210.22697	56210.22656	503930.4	5411289.3
T11300.0	503930.4	5411289.3	80356.10156	324.19	0	48.854558	-86.946420	56222.58	56249.2	0.84	56223.42	56223.42188	56214.14500	56214.14453	503930.4	5411289.3
T11300.0	503931.2	5411289.3	80356.20313	324.48	0	48.854558	-86.946409	56222.23	56249.2	0.83	56223.06	56223.05859	56210.69822	56210.69922	503931.2	5411289.3
T11300.0	503932.2	5411289.2	80356.29688	322.62	0	48.854558	-86.946395	56221.84	56249.2	0.83	56222.67	56222.67188	56206.38352	56206.38281	503932.2	5411289.2
T11300.0	503932.2	5411289.2	80356.39844	322.59	0	48.854558	-86.946395	56221.56	56249.2	0.82	56222.38	56222.37891	56204.33791	56204.33984	503932.2	5411289.2
T11300.0	503933.4	5411289.2	80356.50000	321.31	0	48.854557	-86.946379	56221.41	56249.2	0.82	56222.23	56222.23047	56205.54965	56205.55078	503933.4	5411289.2
T11300.0	503934.3	5411289.2	80356.60156	322.51	0	48.854557	-86.946367	56221.30	56249.2	0.82	56222.12	56222.12109	56207.61417	56207.61328	503934.3	5411289.2
T11300.0	503934.3	5411289.2	80356.70313	322.11	0	48.854557	-86.946367	56221.15	56249.2	0.81	56221.96	56221.96094	56208.33850	56208.33984	503934.3	5411289.2
T11300.0	503935.2	5411289.1	80356.79688	322.56	0	48.854557	-86.946354	56221.18	56249.2	0.81	56221.99	56221.98828	56213.64091	56213.64063	503935.2	5411289.1
T11300.0	503936.1	5411289.1	80356.89844	324.39	0	48.854556	-86.946341	56221.22	56249.2	0.80	56222.03	56222.03125	56219.13737	56219.13672	503936.1	5411289.1
T11300.0	503937.0	5411289.0	80357.00000	323.66	0	48.854556	-86.946330	56220.89	56249.2	0.80	56221.70	56221.69922	56215.31210	56215.31250	503937.0	5411289.0
T11300.0	503937.0	5411289.0	80357.10156	323.47	0	48.854556	-86.946330	56220.45	56249.2	0.80	56221.25	56221.25000	56208.27895	56208.27734	503937.0	5411289.0
T11300.0	503938.0	5411289.0	80357.20313	323.01	0	48.854555	-86.946316	56220.26	56249.2	0.80	56221.06	56221.05859	56207.64029	56207.64063	503938.0	5411289.0
T11300.0	503938.7	5411289.0	80357.29688	322.09	0	48.854555	-86.946306	56220.11	56249.2	0.81	56220.92	56220.92188	56208.15935	56208.16016	503938.7	5411289.0
T11300.0	503938.7	5411289.0	80357.39844	323.87	0	48.854555	-86.946306	56220.21	56249.2	0.81	56221.02	56221.01953	56214.77686	56214.77734	503938.7	5411289.0
T11300.0	503939.8	5411288.9	80357.50000	325.78	0	48.854554	-86.946291	56219.98	56249.2	0.81	56220.79	56220.78906	56212.78959	56212.78906	503939.8	5411288.9
T11300.0	503940.4	5411288.8	80357.60156	327.10	0	48.854554	-86.946283	56219.55	56249.2	0.81	56220.36	56220.35938	56205.42337	56205.42188	503940.4	5411288.8
T11300.0	503941.2	5411288.8	80357.70313	327.81	0	48.854554	-86.946273	56219.36	56249.2	0.81	56220.17	56220.17188	56204.18705	56204.18750	503941.2	5411288.8
T11300.0	503941.2	5411288.8	80357.79688	329.24	0	48.854554	-86.946273	56219.19	56249.2	0.82	56220.01	56220.01172	56203.63236	56203.63281	503941.2	5411288.8
T11300.0	503941.9	5411288.7	80357.89844	328.56	0	48.854553	-86.946263	56219.06	56249.2	0.82	56219.88	56219.87891	56203.77632	56203.77734	503941.9	5411288.7
T11300.0	503942.6	5411288.7	80358.00000	328.51	0	48.854553	-86.946254	56218.77	56249.2	0.82	56219.59	56219.58984	56199.54164	56199.54297	503942.6	5411288.7
T11300.0	503942.6	5411288.7	80358.10156	329.22	0	48.854553	-86.946254	56218.68	56249.2	0.82	56219.50	56219.50000	56200.56678	56200.56641	503942.6	5411288.7
T11300.0	503943.9	5411288.6	80358.20313	328.20	0	48.854552	-86.946236	56218.82	56249.2	0.82	56219.64	56219.64063	56207.72742	56207.72656	503943.9	5411288.6
T11300.0	503943.9	5411288.6	80358.29688	327.48	0	48.854552	-86.946236	56218.63	56249.2	0.81	56219.45	56219.44922	56205.91533	56205.91406	503943.9	5411288.6
T11300.0	503944.7	5411288.6	80358.39844	327.12	0	48.854552	-86.946224	56218.59	56249.2	0.81	56219.41	56219.41016	56208.08484	56208.08594	503944.7	5411288.6
T11300.0	503944.7	5411288.6	80358.50000	327.05	0	48.854552	-86.946224	56218.24	56249.2	0.81	56219.05	56219.05078	56201.50115	56201.50000	503944.7	5411288.6
T11300.0	503945.5	5411288.5	80358.60156	326.53	0	48.854551	-86.946214	56218.10	56249.2	0.81	56218.91	56218.91016	56200.81558	56200.81641	503945.5	5411288.5
T11300.0	503946.2	5411288.5	80358.70313	326.43	0	48.854551	-86.946205	56217.73	56249.2	0.81	56218.54	56218.53906	56193.82654	56193.82813	503946.2	5411288.5
T11300.0	503946.2	5411288.5	80358.79688	326.24	0	48.854551	-86.946205	56217.91	56249.2	0.80	56218.71	56218.71094	56201.43261	56201.43359	503946.2	5411288.5
T11300.0	503946.8	5411288.5	80358.89844	325.97	0	48.854551	-86.946196	56217.97	56249.2	0.80	56218.77	56218.76953	56205.98834	56205.98828	503946.8	5411288.5
T11300.0	503947.3	5411288.4	80359.00000	325.50	0	48.854550	-86.946189	56217.73	56249.2	0.80	56218.53	56218.53125	56202.36706	56202.36719	503947.3	5411288.4
T11300.0	503948.0	5411288.4	80359.10156	324.97	0	48.854550	-86.946180	56217.66	56249.2	0.80	56218.46	56218.46094	56203.29653	56203.29688	503948.0	5411288.4
T11300.0	503948.0	5411288.4	80359.20313	326.88	0	48.854550	-86.946180	56217.42	56249.2	0.80	56218.22	56218.21875	56199.59585	56199.59766	503948.0	5411288.4
T11300.0	503949.2	5411288.3	80359.29688	326.21	0	48.854549	-86.946163	56217.53	56249.2	0.80	56218.33	56218.32813	56205.28200	56205.28125	503949.2	5411288.3
T11300.0	503949.2	5411288.3	80359.39844	327.92	0	48.854549	-86.946163	56217.48	56249.2	0.80	56218.28	56218.28125	56206.61721	56206.61719	503949.2	5411288.3
T11300.0	503949.7	5411288.3	80359.50000	327.18	0	48.854549	-86.946157	56217.50	56249.2	0.80	56218.30	56218.30078	56209.80085	56209.80078	503949.7	5411288.3
T11300.0	503950.2	5411288.2	80359.60156	326.60	0	48.854548	-86.946150	56217.04	56249.2	0.80	56217.84	56217.83984	56200.06989	56200.07031	503950.2	5411288.2
T11300.0	503950.2	5411288.2	80359.70313	325.64	0	48.854548	-86.946150	56217.15	56249.2	0.80	56217.95	56217.94922	56205.63024	56205.62891	503950.2	5411288.2
T11300.0	503950.6	5411288.2	80359.79688	326.01	0	48.854548	-86.946144	56216.89	56249.2	0.80	56217.69	56217.69141	56201.24742	56201.24609	503950.6	5411288.2
T11300.0	503951.3	5411288.1	80359.89844	326.01	0	48.854547	-86.946134	56216.76	56249.2	0.80	56217.56	56217.55859	56200.35358	56200.35547	503951.3	5411288.1
T11300.0	503951.3	5411288.1	80360.00000	328.03	0	48.854547	-86.946134	56216.62	56249.2	0.80	56217.42	56217.42188	56199.19795	56199.19922	503951.3	5411288.1
T11300.0	503951.9	5411288.1	80360.10156	327.54	0	48.854547	-86.946127	56216.40	56249.2	0.80	56217.20	56217.19922	56195.90867	56195.91016	503951.9	5411288.1
T11300.0	503952.4	5411288.0	80360.20313	326.77	0	48.854546	-86.946120	56216.51	56249.2	0.80	56217.31	56217.30859	56201.50862	56201.50781	503952.4	5411288.0
T11300.0	503952.8	5411288.0	80360.29688	327.19	0	48.854546	-86.946114	56216.36	56249.2	0.80	56217.16	56217.16016	56200.15656	56200.15625	503952.8	5411288.0
T11300.0	503953.4	5411287.9	80360.39844	327.20	0	48.854546	-86.946107	56216.62	56249.2	0.80	56217.42	56217.42188	56209.84711	56209.84766	503953.4	5411287.9
T11300.0	503953.4	5411287.9	80360.50000	329.14	0	48.854546	-86.946107	56216.37	56249.2	0.81	56217.18	56217.17969	56206.16160	56206.16016	503953.4	5411287.9
T11300.0	503953.7	5411287.9	80360.60156	328.24	0	48.854545	-86.946101	56216.23	56249.2	0.81	56217.04	56217.03906	56205.21329	56205.21484	503953.7	5411287.9
T11300.0	503954.3	5411287.8	80360.70313	327.81	0	48.854545	-86.946094	56216.02	56249.2	0.81	56216.83	56216.82813	56202.45703	56202.45703	503954.3	5411287.8
T11300.0	503954.3	5411287.8	80360.79688	327.59	0	48.854545	-86.946094	56216.23	56249.2	0.81	56217.04	56217.03906	56210.96656	56210.96484	503954.3	5411287.8
T11300.0	503954.7	5411287.8	80360.89844	326.37	0	48.854544	-86.946089	56216.11	56249.2	0.81	56216.91	56216.91016	56210.46609	56210.46484	503954.7	5411287.8
T11300.0	503955.2	5411287.7	80361.00000	325.46	0	48.854544	-86.946082	56216.07	56249.2	0.81	56216.88	56216.87891	56212.68620	56212.68750	503955.2	5411287.7
T11300.0	503955.5	5411287.7	80361.10156	325.23	0	48.854543	-86.946078	56216.23	56249.2	0.81	56217.04	56217.03906	56219.96541	56219.96484	503955.5	5411287.7
T11300.0	503955.5	5411287.7	80361.20313	326.76	0	48.854543	-86.946078	56216.41	56249.2	0.81	56217.21	56217.21094	56227.50995	56227.51172	503955.5	5411287.7
T11300.0	503955.8	5411287.6	80361.29688	325.02	0	48.854543	-86.946073	56216.40	56249.2	0.81	56217.21	56217.21094	56230.61694	56230.61719	503955.8	5411287.6
T11300.0	503956.0	5411287.6	80361.39844	326.60	0	48.854543	-86.946070	56216.00	56249.2	0.81	56216.81	56216.80859	56223.41582	56223.41406	503956.0	5411287.6
T11300.0	503956.4	5411287.6	80361.50000	327.43	0	48.854543	-86.946065	56215.93	56249.2	0.81	56216.73	56216.73047	56224.61021	56224.60938	503956.4	5411287.6
T11300.0	503956.4	5411287.6	80361.60156	327.43	0	48.854543	-86.946065	56215.82	56249.2	0.80	56216.62	56216.62109	56225.10565	56225.10547	503956.4	5411287.6
T11300.0	503956.7	5411287.5	80361.70313	328.00	0	48.854542	-86.946061	56215.85	56249.2	0.80	56216.65	56216.64844	56229.20656	56229.20703	503956.7	5411287.5
T11300.0	503957.0	5411287.5	80361.79688	326.53	0	48.854542	-86.946057	56215.66	56249.2	0.80	56216.46	56216.46094	56227.82173	56227.82031	503957.0	5411287.5
T11300.0	503957.2	5411287.5	80361.89844	325.08	0	48.854542	-86.946054	56215.51	56249.2	0.80	56216.31	56216.30859	56227.53926	56227.53906	503957.2	5411287.5
T11300.0	503957.2	5411287.5	80362.00000	324.54	0	48.854542	-86.946054	56215.82	56249.2	0.80	56216.62	56216.62109	56238.58284	56238.58203	503957.2	5411287.5
T11300.0	503957.4	5411287.4	80362.10156	324.97	0	48.854541	-86.946051	56215.82	56249.2	0.80	56216.62	56216.62109	56241.97549	56241.97656	503957.4	5411287.4
T11300.0	503957.8	5411287.4	80362.20313	324.74	0	48.854541	-86.946047	56215.75	56249.2	0.80	56216.55	56216.55078	56243.69871	56243.69922	503957.8	5411287.4
T11300.0	503957.9	5411287.4	80362.29688	322.89	0	48.854541	-86.946044	56215.58	56249.2	0.80	56216.38	56216.37891	56243.10600	56243.10547	503957.9	5411287.4
T11300.0	503958.1	5411287.4	80362.39844	321.38	0	48.854541	-86.946042	56215.70	56249.2	0.80	56216.50	56216.50000	56249.34546	56249.34375	503958.1	5411287.4
T11300.0	503958.1	5411287.4	80362.50000	322.20	0	48.854541	-86.946042	56215.58	56249.2	0.80	56216.38	56216.37891	56250.00110	56250.00000	503958.1	5411287.4
L43870.0	503870.9	5410929.8	77907.79688	320.99	0	48.851324	-86.947233	56350.16	56246.3	3.65	56353.81	56350.61328	56338.61571	56328.16797	503870.9	5410929.8
L43870.0	503870.9	5410930.1	77907.89844	322.50	0	48.851327	-86.947234	56349.57	56246.3	3.66	56353.23	56350.05078	56328.99821	56318.58203	503870.9	5410930.1
L43870.0	503870.9	5410930.5	77908.00000	322.44	0	48.851330	-86.947234	56349.37	56246.3	3.66	56353.03	56349.87109	56326.23523	56315.85156	503870.9	5410930.5
L43870.0	503870.9	5410930.5	77908.10156	322.39	0	48.851330	-86.947234	56349.70	56246.3	3.66	56353.36	56350.21875	56333.20912	56322.85938	503870.9	5410930.5
L43870.0	503870.9	5410930.7	77908.20313	319.50	0	48.851333	-86.947234	56349.46	56246.3	3.66	56353.12	56350.00000	56329.52240	56319.20313	503870.9	5410930.7
L43870.0	503870.9	5410930.7	77908.20313	321.27	0	48.851333	-86.947234	56349.57	56246.3	3.66	56353.23	56350.12500	56332.27945	56321.99219	503870.9	5410930.7
L43870.0	503870.9	5410931.2	77908.39844	319.49	0	48.851337	-86.947234	56349.85	56246.3	3.65	56353.50	56350.41406	56337.99566	56327.73828	503870.9	5410931.2
L43870.0	503870.9	5410931.5	77908.50000	320.84	0	48.851340	-86.947234	56349.77	56246.3	3.65	56353.42	56350.35547	56337.04677	56326.82422	503870.9	5410931.5
L43870.0	503870.9	5410931.9	77908.60156	322.60	0	48.851343	-86.947234	56349.70	56246.4	3.65	56353.35	56350.30469	56336.18957	56325.99609	503870.9	5410931.9
L43870.0	503870.9	5410931.9	77908.70313	321.99	0	48.851343	-86.947234	56349.98	56246.4	3.65	56353.62	56350.59375	56341.76023	56331.59766	503870.9	5410931.9
L43870.0	503870.9	5410932.2	77908.79688	321.01	0	48.851347	-86.947234	56350.26	56246.4	3.64	56353.91	56350.90234	56347.70014	56337.57031	503870.9	5410932.2
L43870.0	503870.9	5410932.2	77908.89844	322.40	0	48.851347	-86.947234	56350.59	56246.4	3.64	56354.23	56351.23828	56354.21552	56344.11719	503870.9	5410932.2
L43870.0	503870.9	5410932.7	77909.00000	322.15	0	48.851350	-86.947234	56350.39	56246.4	3.64	56354.03	56351.05859	56350.55834	56340.49219	503870.9	5410932.7
L43870.0	503870.9	5410933.0	77909.10156	319.51	0	48.851354	-86.947234	56350.57	56246.4	3.64	56354.21	56351.25781	56354.25759	56344.21875	503870.9	5410933.0
L43870.0	503870.9	5410933.4	77909.20313	323.38	0	48.851357	-86.947234	56350.77	56246.4	3.64	56354.41	56351.47656	56358.32334	56348.31641	503870.9	5410933.4
L43870.0	503870.9	5410933.8	77909.29688	322.00	0	48.851360	-86.947234	56350.82	56246.4	3.65	56354.47	56351.55469	56359.56865	56349.59375	503870.9	5410933.8
L43870.0	503870.9	5410934.1	77909.39844	324.00	0	48.851364	-86.947234	56350.72	56246.4	3.65	56354.37	56351.47266	56357.53728	56347.59375	503870.9	5410934.1

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L43870.0	503870.9	5410934.1	77909.50000	324.53	0	48.851364	-86.947234	56350.62	56246.3	3.65	56354.27	56351.39453	56355.40592	56345.49219	503870.9	5410934.1
L43870.0	503870.9	5410934.7	77909.60156	324.67	0	48.851368	-86.947234	56350.52	56246.3	3.65	56354.17	56351.31250	56353.18041	56343.29688	503870.9	5410934.7
L43870.0	503870.8	5410935.2	77909.70313	326.97	0	48.851373	-86.947235	56350.46	56246.3	3.65	56354.12	56351.28125	56351.88617	56342.03125	503870.8	5410935.2
L43870.0	503870.8	5410935.2	77909.79688	326.61	0	48.851373	-86.947235	56350.79	56246.3	3.66	56354.45	56351.62891	56358.26541	56348.44141	503870.8	5410935.2
L43870.0	503870.8	5410935.8	77909.89844	323.74	0	48.851379	-86.947235	56350.80	56246.3	3.66	56354.46	56351.66016	56358.06623	56348.27344	503870.8	5410935.8
L43870.0	503870.8	5410936.4	77910.00000	323.89	0	48.851384	-86.947235	56350.59	56246.3	3.66	56354.25	56351.46875	56353.31760	56343.55469	503870.8	5410936.4
L43870.0	503870.8	5410936.9	77910.10156	324.74	0	48.851388	-86.947236	56350.46	56246.3	3.66	56354.12	56351.35938	56350.15342	56340.42188	503870.8	5410936.9
L43870.0	503870.8	5410936.9	77910.20313	325.08	0	48.851388	-86.947236	56350.75	56246.3	3.66	56354.41	56351.66797	56355.47048	56345.76563	503870.8	5410936.9
L43870.0	503870.8	5410937.6	77910.20313	326.26	0	48.851395	-86.947236	56350.54	56246.3	3.66	56354.20	56351.47656	56350.60901	56340.93359	503870.8	5410937.6
L43870.0	503870.8	5410937.6	77910.39844	324.69	0	48.851395	-86.947236	56350.34	56246.3	3.66	56354.00	56351.29688	56345.95863	56336.31250	503870.8	5410937.6
L43870.0	503870.8	5410938.2	77910.50000	326.07	0	48.851400	-86.947236	56350.64	56246.3	3.66	56354.31	56351.62500	56351.48713	56341.87109	503870.8	5410938.2
L43870.0	503870.8	5410938.7	77910.60156	323.90	0	48.851405	-86.947235	56350.90	56246.3	3.66	56354.56	56351.89453	56355.71622	56346.12891	503870.8	5410938.7
L43870.0	503870.8	5410939.4	77910.70313	321.87	0	48.851411	-86.947235	56351.00	56246.3	3.66	56354.66	56352.01563	56356.90584	56347.34766	503870.8	5410939.4
L43870.0	503870.8	5410939.4	77910.79688	324.25	0	48.851411	-86.947235	56350.82	56246.3	3.66	56354.48	56351.85547	56352.59873	56343.07031	503870.8	5410939.4
L43870.0	503870.9	5410940.3	77910.89844	323.18	0	48.851419	-86.947235	56351.18	56246.3	3.66	56354.84	56352.23438	56358.75866	56349.25781	503870.9	5410940.3
L43870.0	503870.9	5410941.1	77911.00000	320.39	0	48.851426	-86.947234	56351.08	56246.3	3.66	56354.74	56352.15234	56355.98892	56346.51953	503870.9	5410941.1
L43870.0	503870.9	5410941.7	77911.10156	318.41	0	48.851431	-86.947234	56351.23	56246.3	3.66	56354.89	56352.32422	56357.99918	56348.55859	503870.9	5410941.7
L43870.0	503870.9	5410941.7	77911.20313	316.34	0	48.851431	-86.947234	56351.46	56246.3	3.65	56355.11	56352.56250	56361.29335	56351.87891	503870.9	5410941.7
L43870.0	503871.0	5410942.4	77911.29688	316.51	0	48.851438	-86.947233	56351.21	56246.3	3.65	56354.86	56352.33203	56355.70322	56346.32031	503871.0	5410942.4
L43870.0	503871.0	5410942.4	77911.39844	317.59	0	48.851438	-86.947233	56351.43	56246.4	3.65	56355.08	56352.57031	56358.95871	56349.60156	503871.0	5410942.4
L43870.0	503871.0	5410943.3	77911.50000	319.29	0	48.851446	-86.947232	56351.87	56246.4	3.65	56355.51	56353.02344	56366.09309	56356.76563	503871.0	5410943.3
L43870.0	503871.0	5410944.0	77911.60156	316.27	0	48.851453	-86.947232	56351.46	56246.4	3.64	56355.10	56352.63281	56357.58988	56348.28906	503871.0	5410944.0
L43870.0	503871.1	5410944.7	77911.70313	316.62	0	48.851459	-86.947232	56351.77	56246.4	3.64	56355.41	56352.96094	56362.46829	56353.19531	503871.1	5410944.7
L43870.0	503871.1	5410944.7	77911.79688	317.12	0	48.851459	-86.947232	56351.59	56246.4	3.64	56355.22	56352.79297	56358.10120	56348.85938	503871.1	5410944.7
L43870.0	503871.1	5410945.6	77911.89844	317.35	0	48.851466	-86.947231	56351.64	56246.4	3.63	56355.27	56352.86328	56358.18505	56348.96875	503871.1	5410945.6
L43870.0	503871.2	5410946.5	77912.00000	319.24	0	48.851475	-86.947230	56351.71	56246.4	3.63	56355.34	56352.95313	56358.65054	56349.46484	503871.2	5410946.5
L43870.0	503871.2	5410946.5	77912.10156	322.18	0	48.851475	-86.947230	56351.79	56246.4	3.63	56355.42	56353.05469	56359.31612	56350.15625	503871.2	5410946.5
L43870.0	503871.2	5410947.6	77912.20313	322.75	0	48.851485	-86.947230	56351.41	56246.4	3.63	56355.04	56352.69141	56351.52609	56342.39453	503871.2	5410947.6
L43870.0	503871.2	5410948.3	77912.20313	323.53	0	48.851491	-86.947229	56351.59	56246.4	3.63	56355.22	56352.89453	56354.07031	56344.96875	503871.2	5410948.3
L43870.0	503871.2	5410948.3	77912.39844	322.52	0	48.851491	-86.947229	56351.74	56246.4	3.64	56355.38	56353.07422	56356.27152	56347.19922	503871.2	5410948.3
L43870.0	503871.3	5410949.2	77912.50000	324.52	0	48.851499	-86.947229	56351.69	56246.4	3.64	56355.33	56353.04297	56354.62306	56345.57813	503871.3	5410949.2
L43870.0	503871.3	5410949.9	77912.60156	322.69	0	48.851506	-86.947229	56351.69	56246.4	3.64	56355.33	56353.06641	56353.92378	56344.90625	503871.3	5410949.9
L43870.0	503871.3	5410950.9	77912.70313	322.37	0	48.851514	-86.947228	56351.82	56246.4	3.64	56355.46	56353.21484	56355.65573	56346.66406	503871.3	5410950.9
L43870.0	503871.3	5410950.9	77912.79688	322.90	0	48.851514	-86.947228	56351.99	56246.4	3.65	56355.64	56353.41797	56358.34022	56349.37891	503871.3	5410950.9
L43870.0	503871.4	5410951.8	77912.89844	318.66	0	48.851523	-86.947227	56351.77	56246.4	3.65	56355.41	56353.20703	56353.49536	56344.56250	503871.4	5410951.8
L43870.0	503871.4	5410952.5	77913.00000	318.54	0	48.851529	-86.947227	56352.31	56246.3	3.65	56355.96	56353.77734	56363.04227	56354.13672	503871.4	5410952.5
L43870.0	503871.4	5410952.5	77913.10156	320.19	0	48.851529	-86.947227	56352.28	56246.3	3.65	56355.93	56353.76953	56361.94009	56353.06250	503871.4	5410952.5
L43870.0	503871.5	5410953.4	77913.20313	319.72	0	48.851537	-86.947226	56352.48	56246.3	3.65	56356.13	56353.98828	56365.07192	56356.22266	503871.5	5410953.4
L43870.0	503871.5	5410954.2	77913.29688	321.41	0	48.851544	-86.947226	56352.64	56246.3	3.65	56356.29	56354.17188	56367.47990	56358.66016	503871.5	5410954.2
L43870.0	503871.5	5410955.0	77913.39844	319.54	0	48.851552	-86.947225	56352.61	56246.3	3.65	56356.26	56354.16016	56366.47023	56357.67969	503871.5	5410955.0
L43870.0	503871.6	5410955.9	77913.50000	319.98	0	48.851559	-86.947225	56352.43	56246.3	3.65	56356.08	56354.00391	56362.82375	56354.06250	503871.6	5410955.9
L43870.0	503871.6	5410955.9	77913.60156	320.13	0	48.851559	-86.947225	56352.25	56246.3	3.65	56355.90	56353.84375	56359.26447	56350.53125	503871.6	5410955.9
L43870.0	503871.6	5410956.9	77913.70313	320.10	0	48.851568	-86.947224	56352.38	56246.3	3.65	56356.03	56353.99609	56361.27911	56352.57813	503871.6	5410956.9
L43870.0	503871.7	5410958.1	77913.79688	322.32	0	48.851580	-86.947223	56352.38	56246.3	3.65	56356.03	56354.01563	56361.02919	56352.35547	503871.7	5410958.1
L43870.0	503871.7	5410958.1	77913.89844	322.55	0	48.851580	-86.947223	56352.53	56246.3	3.65	56356.18	56354.18750	56363.45743	56354.81641	503871.7	5410958.1
L43870.0	503871.7	5410959.1	77914.00000	319.80	0	48.851588	-86.947223	56352.28	56246.3	3.65	56355.93	56353.95703	56358.93674	56350.32422	503871.7	5410959.1
L43870.0	503871.7	5410960.0	77914.10156	319.58	0	48.851597	-86.947222	56352.50	56246.3	3.65	56356.15	56354.19922	56362.67002	56354.08984	503871.7	5410960.0
L43870.0	503871.8	5410960.8	77914.20313	317.23	0	48.851604	-86.947222	56352.38	56246.3	3.65	56356.03	56354.10156	56360.53450	56351.98438	503871.8	5410960.8
L43870.0	503871.8	5410960.8	77914.20313	317.04	0	48.851604	-86.947222	56352.36	56246.3	3.65	56356.01	56354.10156	56360.18914	56351.66797	503871.8	5410960.8
L43870.0	503871.8	5410961.8	77914.29688	316.94	0	48.851612	-86.947221	56351.99	56246.3	3.65	56355.64	56353.75391	56353.83864	56345.34766	503871.8	5410961.8
L43870.0	503871.8	5410962.8	77914.50000	319.41	0	48.851621	-86.947221	56352.22	56246.3	3.65	56355.87	56354.00391	56357.91773	56349.46094	503871.8	5410962.8
L43870.0	503871.8	5410962.8	77914.60156	319.32	0	48.851621	-86.947221	56352.43	56246.3	3.65	56356.08	56354.23828	56361.69543	56353.26953	503871.8	5410962.8
L43870.0	503871.9	5410963.7	77914.70313	318.95	0	48.851630	-86.947221	56352.48	56246.3	3.65	56356.13	56354.30859	56362.75484	56354.35938	503871.9	5410963.7
L43870.0	503871.9	5410964.8	77914.79688	321.89	0	48.851640	-86.947220	56352.71	56246.3	3.65	56356.36	56354.55859	56366.97550	56358.61328	503871.9	5410964.8
L43870.0	503871.9	5410965.6	77914.89844	318.39	0	48.851647	-86.947220	56352.68	56246.3	3.65	56356.33	56354.55078	56366.74849	56358.42188	503871.9	5410965.6
L43870.0	503872.0	5410966.7	77915.00000	318.07	0	48.851656	-86.947219	56352.62	56246.3	3.65	56356.27	56354.51172	56366.04910	56357.75391	503872.0	5410966.7
L43870.0	503872.0	5410966.7	77915.10156	318.54	0	48.851656	-86.947219	56352.50	56246.4	3.65	56356.15	56354.41406	56364.35533	56356.09375	503872.0	5410966.7
L43870.0	503872.0	5410967.5	77915.20313	318.97	0	48.851664	-86.947219	56352.66	56246.4	3.65	56356.31	56354.59375	56367.56005	56359.33203	503872.0	5410967.5
L43870.0	503872.0	5410968.6	77915.29688	320.38	0	48.851673	-86.947219	56352.51	56246.4	3.65	56356.16	56354.46875	56365.43456	56357.24219	503872.0	5410968.6
L43870.0	503872.0	5410969.6	77915.39844	322.38	0	48.851682	-86.947219	56352.36	56246.4	3.65	56356.00	56354.32813	56363.17699	56355.01953	503872.0	5410969.6
L43870.0	503872.0	5410969.6	77915.50000	320.68	0	48.851682	-86.947219	56352.38	56246.4	3.65	56356.02	56354.37109	56364.08776	56355.96875	503872.0	5410969.6
L43870.0	503872.0	5410971.1	77915.60156	320.91	0	48.851696	-86.947219	56352.43	56246.4	3.64	56356.08	56354.45313	56365.73824	56357.65234	503872.0	5410971.1
L43870.0	503872.0	5410971.1	77915.70313	320.58	0	48.851696	-86.947219	56352.48	56246.4	3.64	56356.12	56354.51172	56367.08568	56359.03906	503872.0	5410971.1
L43870.0	503872.0	5410972.5	77915.79688	319.60	0	48.851708	-86.947219	56352.40	56246.4	3.64	56356.04	56354.45313	56366.38940	56358.37891	503872.0	5410972.5
L43870.0	503872.0	5410973.8	77915.89844	316.94	0	48.851720	-86.947219	56352.13	56246.4	3.64	56355.77	56354.20703	56362.42773	56354.45313	503872.0	5410973.8
L43870.0	503872.0	5410974.8	77916.00000	319.64	0	48.851729	-86.947218	56351.92	56246.4	3.64	56355.56	56354.01953	56359.54913	56351.61328	503872.0	5410974.8
L43870.0	503872.0	5410974.8	77916.10156	319.56	0	48.851729	-86.947218	56351.87	56246.4	3.64	56355.51	56353.98828	56359.49570	56351.60156	503872.0	5410974.8
L43870.0	503872.0	5410976.5	77916.20313	321.19	0	48.851744	-86.947218	56352.02	56246.4	3.64	56355.66	56354.16016	56362.96492	56355.10938	503872.0	5410976.5
L43870.0	503872.1	5410977.6	77916.20313	320.12	0	48.851754	-86.947218	56351.92	56246.4	3.64	56355.56	56354.08203	56362.12151	56354.30469	503872.1	5410977.6
L43870.0	503872.1	5410978.9	77916.39844	319.39	0	48.851766	-86.947218	56351.69	56246.4	3.65	56355.34	56353.88281	56359.22805	56351.45313	503872.1	5410978.9
L43870.0	503872.1	5410978.9	77916.50000	318.72	0	48.851766	-86.947218	56351.87	56246.3	3.65	56355.52	56354.08594	56363.33929	56355.60547	503872.1	5410978.9
L43870.0	503872.1	5410980.2	77916.60156	320.87	0	48.851778	-86.947217	56351.71	56246.3	3.65	56355.37	56353.95703	56361.74285	56354.05078	503872.1	5410980.2
L43870.0	503872.1	5410981.7	77916.70313	319.71	0	48.851792	-86.947217	56351.38	56246.3	3.65	56355.04	56353.64844	56357.04793	56349.39844	503872.1	5410981.7
L43870.0	503872.1	5410981.7	77916.79688	320.79	0	48.851792	-86.947217	56351.36	56246.3	3.66	56355.01	56353.63672	56357.61705	56350.01172	503872.1	5410981.7
L43870.0	503872.1	5410982.9	77916.89844	321.36	0	48.851802	-86.947217	56351.59	56246.3	3.66	56355.24	56353.89063	56362.76201	56355.19922	503872.1	5410982.9
L43870.0	503872.1	5410984.0	77917.00000	322.43	0	48.851812	-86.947217	56351.46	56246.3	3.66	56355.12	56353.78906	56361.83900	56354.32031	503872.1	5410984.0
L43870.0	503872.1	5410984.0	77917.10156	322.61	0	48.851812	-86.947217	56351.31	56246.3	3.66	56354.97	56353.66016	56360.42552	56352.95313	503872.1	5410984.0
L43870.0	503872.1	5410985.1	77917.20313	319.40	0	48.851822	-86.947218	56351.18	56246.3	3.66	56354.84	56353.55078	56359.39391	56351.96484	503872.1	5410985.1
L43870.0	503872.1	5410986.7	77917.29688	317.46	0	48.851836	-86.947218	56351.34	56246.3	3.66	56355.00	56353.73438	56363.47135	56356.08984	503872.1	5410986.7
L43870.0	503872.1	5410987.5	77917.39844	315.65	0	48.851844	-86.947218	56351.21	56246.3	3.66	56354.87	56353.62500	56362.50361	56355.16797	503872.1	5410987.5
L43870.0	503872.1	5410987.5	77917.50000	317.07	0	48.851844	-86.947218	56351.38	56246.3	3.67	56355.05	56353.82422	56366.99150	56359.70703	503872.1	5410987.5
L43870.0	503872.0	5410988.7	77917.60156	318.91	0	48.851855	-86.947218	56351.10	56246.3	3.67	56354.76	56353.55469	56363.28182	56356.04297	503872.0	5410988.7
L43870.0	503872.0	5410990.3	77917.70313	321.43	0	48.851869	-86.947218	56350.85	56246.3	3.67	56354.51	56353.32813	56360.30715	56353.11719	503872.0	5410990.3
L43870.0	503872.0	5410991.8	77917.79688	323.98	0	48.851883	-86.947219	56350.75	56246.3	3.67	56354.41	56353.24609	56359.98551	56352.84766	503872.0	5410991.8
L43870.0	503872.0	5410991.8	77917.89844	322.62	0	48.851883	-86.947219	56350.85	56246.3	3.67	56354.52	56353.37891	56363.34670	56356.25781	503872.0	5410991.8
L43870.0	503872.0	5410992.8	77918.00000	322.33	0	48.851892	-86.947219	56350.36	56246.3	3.67	56354.03	56352.90625	56356.31040	56349.27344	503872.0	5410992.8
L43870.0	503871.9	5410994.1	77918.10156	320.57	0	48.851903	-86.947219	56350.44	56246.3	3.67	56354.11	56353.00781	56359.20341	56352.21875	503871.9	5410994.1
L43870.0	503871.9	5410995.7	77918.20313	319.18	0	48.851917	-86.947220	56350.44	56246.3	3.67	56354.11	56353.02734	56360.73004	56353.79688	503871.9	5410995.7
L43870.0	503871.9	5410995.7	77918.20313	320.57	0	48.851917	-86.947220	56350.26	56246.3	3.67	56353.93	56352.86719	56359.17817	56352.29688	503871.9	5410995.7
L43870.0	503871.9	5410996.7	77918.29688	320.71	0	48.851926	-86.947220	56350.21	56246.3	3.67	56353.87	56352.82813	56359.72509	56352.89844	503871.9	5410996.7
L43870.0	503871.9	5410998.2	77918.50000	318.86	0	48.851940	-86.947220	56350.06	56246.3	3.67	56353.72	56352.69922	56358.75602	56351.98438	503871.9	5410998.2
L43870.0	503871.9	5410999.1	77918.60156	318.69	0	48.851948	-86.947220	56349.93	56246.3	3.66	56353.59	56352.58594	56358.16270	56351.44531	503871.9	5410999.1
L43870.0	503871.9	5410999.1	77918.70313	317.66	0	48.851948	-86.947220	56349.83	56246.3	3.66	56353.50	56352.51563	56358.28498	56351.62500	503871.9	5410999.1

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L43870.0	503871.9	5411000.5	77918.79688	318.19	0	48.851961	-86.947220	56349.82	56246.3	3.66	56353.49	56352.52734	56359.80476	56353.19922	503871.9	5411000.5
L43870.0	503871.9	5411001.7	77918.89844	317.16	0	48.851971	-86.947220	56349.83	56246.3	3.66	56353.49	56352.54688	56361.52608	56354.97656	503871.9	5411001.7
L43870.0	503871.9	5411001.7	77919.00000	318.51	0	48.851971	-86.947220	56349.72	56246.3	3.66	56353.38	56352.45703	56361.39884	56354.91016	503871.9	5411001.7
L43870.0	503871.9	5411003.3	77919.10156	317.75	0	48.851986	-86.947220	56349.46	56246.3	3.66	56353.13	56352.22656	56358.90441	56352.47266	503871.9	5411003.3
L43870.0	503871.9	5411004.3	77919.20313	318.84	0	48.851995	-86.947220	56349.37	56246.3	3.67	56353.04	56352.15234	56359.17889	56352.80469	503871.9	5411004.3
L43870.0	503871.9	5411004.3	77919.29688	320.74	0	48.851995	-86.947220	56349.17	56246.3	3.67	56352.84	56351.97266	56357.59130	56351.27734	503871.9	5411004.3
L43870.0	503871.9	5411005.5	77919.39844	319.83	0	48.852006	-86.947220	56349.14	56246.3	3.68	56352.82	56351.97266	56359.13231	56352.87891	503871.9	5411005.5
L43870.0	503871.9	5411006.8	77919.50000	319.64	0	48.852017	-86.947220	56348.75	56246.3	3.68	56352.43	56351.60156	56354.29917	56348.10547	503871.9	5411006.8
L43870.0	503871.9	5411006.8	77919.60156	319.38	0	48.852017	-86.947220	56348.83	56246.3	3.68	56352.52	56351.70703	56357.81034	56351.67578	503871.9	5411006.8
L43870.0	503871.9	5411008.0	77919.70313	318.05	0	48.852028	-86.947220	56348.78	56246.3	3.69	56352.47	56351.67578	56358.93142	56352.85938	503871.9	5411008.0
L43870.0	503871.9	5411009.1	77919.79688	319.67	0	48.852038	-86.947220	56348.78	56246.3	3.69	56352.47	56351.69531	56360.96810	56354.95703	503871.9	5411009.1
L43870.0	503871.9	5411009.1	77919.89844	321.89	0	48.852038	-86.947220	56348.86	56246.3	3.70	56352.55	56351.79297	56364.46157	56358.51172	503871.9	5411009.1
L43870.0	503871.9	5411010.5	77920.00000	320.47	0	48.852051	-86.947220	56348.50	56246.3	3.70	56352.20	56351.46094	56360.38768	56354.50000	503871.9	5411010.5
L43870.0	503871.9	5411012.0	77920.10156	321.26	0	48.852064	-86.947220	56348.45	56246.3	3.70	56352.14	56351.41797	56361.46330	56355.64063	503871.9	5411012.0
L43870.0	503871.9	5411013.1	77920.20313	320.59	0	48.852074	-86.947220	56348.06	56246.3	3.70	56351.76	56351.05469	56356.84906	56351.08984	503871.9	5411013.1
L43870.0	503871.9	5411013.1	77920.20313	320.93	0	48.852074	-86.947220	56348.20	56246.3	3.70	56351.89	56351.20313	56361.36472	56355.66797	503871.9	5411013.1
L43870.0	503871.9	5411014.3	77920.39844	321.47	0	48.852085	-86.947220	56347.94	56246.3	3.69	56351.63	56350.96094	56358.91474	56353.28125	503871.9	5411014.3
L43870.0	503871.9	5411015.6	77920.50000	321.73	0	48.852097	-86.947220	56347.76	56246.3	3.69	56351.45	56350.79688	56357.91196	56352.34375	503871.9	5411015.6
L43870.0	503871.8	5411016.9	77920.60156	323.12	0	48.852108	-86.947220	56347.63	56246.3	3.69	56351.32	56350.68359	56357.82376	56352.32031	503871.8	5411016.9
L43870.0	503871.8	5411016.9	77920.70313	321.15	0	48.852108	-86.947220	56347.64	56246.3	3.69	56351.32	56350.69922	56360.08895	56354.65234	503871.8	5411016.9
L43870.0	503871.8	5411018.4	77920.79688	320.52	0	48.852121	-86.947221	56347.20	56246.3	3.68	56350.88	56350.27734	56354.46707	56349.09375	503871.8	5411018.4
L43870.0	503871.8	5411019.6	77920.89844	320.25	0	48.852133	-86.947221	56346.86	56246.3	3.68	56350.54	56349.95313	56350.67517	56345.36719	503871.8	5411019.6
L43870.0	503871.8	5411019.6	77921.00000	322.34	0	48.852133	-86.947221	56346.82	56246.3	3.68	56350.50	56349.92969	56352.28119	56347.03906	503871.8	5411019.6
L43870.0	503871.8	5411021.2	77921.10156	321.74	0	48.852146	-86.947221	56346.92	56246.3	3.68	56350.60	56350.04297	56356.38950	56351.21484	503871.8	5411021.2
L43870.0	503871.8	5411022.4	77921.20313	319.85	0	48.852158	-86.947221	56346.92	56246.3	3.69	56350.60	56350.05859	56358.71344	56353.60547	503871.8	5411022.4
L43870.0	503871.8	5411023.9	77921.29688	320.25	0	48.852171	-86.947221	56346.61	56246.3	3.69	56350.30	56349.77344	56355.73771	56350.69531	503871.8	5411023.9
L43870.0	503871.8	5411025.3	77921.39844	318.89	0	48.852184	-86.947221	56346.48	56246.3	3.69	56350.17	56349.66016	56355.79574	56350.82031	503871.8	5411025.3
L43870.0	503871.8	5411025.3	77921.50000	320.73	0	48.852184	-86.947221	56346.25	56246.3	3.69	56349.95	56349.45313	56354.29588	56349.38672	503871.8	5411025.3
L43870.0	503871.8	5411026.7	77921.60156	317.88	0	48.852196	-86.947222	56346.28	56246.3	3.70	56349.98	56349.50000	56357.19200	56352.34766	503871.8	5411026.7
L43870.0	503871.8	5411026.7	77921.70313	319.17	0	48.852196	-86.947222	56346.51	56246.3	3.70	56350.21	56349.74609	56363.56834	56358.78906	503871.8	5411026.7
L43870.0	503871.7	5411028.1	77921.79688	317.75	0	48.852209	-86.947222	56346.05	56246.3	3.70	56349.75	56349.29688	56357.96139	56353.25000	503871.7	5411028.1
L43870.0	503871.7	5411029.8	77921.89844	317.85	0	48.852224	-86.947222	56346.05	56246.3	3.71	56349.76	56349.32422	56360.54107	56355.89453	503871.7	5411029.8
L43870.0	503871.7	5411031.1	77922.00000	317.52	0	48.852236	-86.947223	56345.70	56246.3	3.71	56349.40	56348.97656	56356.74541	56352.16797	503871.7	5411031.1
L43870.0	503871.7	5411031.1	77922.10156	318.58	0	48.852236	-86.947223	56345.46	56246.3	3.71	56349.17	56348.76172	56355.22820	56350.71875	503871.7	5411031.1
L43870.0	503871.6	5411032.3	77922.20313	318.44	0	48.852247	-86.947223	56345.39	56246.3	3.71	56349.10	56348.70313	56356.49679	56352.05078	503871.6	5411032.3
L43870.0	503871.6	5411033.6	77922.20313	320.09	0	48.852258	-86.947223	56345.11	56246.3	3.71	56348.82	56348.43750	56354.16719	56349.78906	503871.6	5411033.6
L43870.0	503871.6	5411034.8	77922.39844	321.95	0	48.852269	-86.947224	56345.16	56246.3	3.71	56348.87	56348.50000	56357.55745	56353.24609	503871.6	5411034.8
L43870.0	503871.6	5411035.9	77922.50000	320.24	0	48.852279	-86.947224	56344.68	56246.3	3.71	56348.39	56348.03516	56351.81402	56347.57031	503871.6	5411035.9
L43870.0	503871.6	5411035.9	77922.60156	322.77	0	48.852279	-86.947224	56344.77	56246.3	3.71	56348.48	56348.13672	56355.95220	56351.77344	503871.6	5411035.9
L43870.0	503871.5	5411037.9	77922.70313	318.71	0	48.852297	-86.947225	56344.44	56246.3	3.71	56348.15	56347.82031	56352.83457	56348.72266	503871.5	5411037.9
L43870.0	503871.5	5411039.5	77922.79688	321.19	0	48.852311	-86.947225	56344.32	56246.3	3.71	56348.03	56347.71094	56353.38212	56349.33203	503871.5	5411039.5
L43870.0	503871.5	5411039.5	77922.89844	318.82	0	48.852311	-86.947225	56344.12	56246.3	3.71	56347.83	56347.52344	56352.55681	56348.57422	503871.5	5411039.5
L43870.0	503871.4	5411041.4	77923.00000	318.68	0	48.852328	-86.947226	56344.06	56246.3	3.71	56347.77	56347.47656	56354.20296	56350.28516	503871.4	5411041.4
L43870.0	503871.4	5411042.5	77923.10156	319.64	0	48.852339	-86.947226	56343.95	56246.3	3.71	56347.66	56347.37500	56355.00195	56351.14844	503871.4	5411042.5
L43870.0	503871.4	5411043.9	77923.20313	320.03	0	48.852351	-86.947226	56343.35	56246.3	3.71	56347.06	56346.78906	56347.18221	56343.39453	503871.4	5411043.9
L43870.0	503871.4	5411043.9	77923.29688	320.72	0	48.852351	-86.947226	56343.63	56246.3	3.71	56347.33	56347.07031	56354.73276	56351.00781	503871.4	5411043.9
L43870.0	503871.4	5411045.5	77923.39844	321.49	0	48.852365	-86.947227	56343.27	56246.3	3.71	56346.98	56346.73047	56351.34567	56347.68750	503871.4	5411045.5
L43870.0	503871.3	5411047.1	77923.50000	322.45	0	48.852379	-86.947227	56343.45	56246.3	3.71	56347.15	56346.91016	56357.21856	56353.62500	503871.3	5411047.1
L43870.0	503871.3	5411047.1	77923.60156	322.73	0	48.852379	-86.947227	56342.73	56246.3	3.71	56346.44	56346.21094	56347.43456	56343.90234	503871.3	5411047.1
L43870.0	503871.3	5411048.7	77923.70313	320.02	0	48.852394	-86.947228	56342.94	56246.3	3.71	56346.65	56346.43359	56354.09119	56350.62109	503871.3	5411048.7
L43870.0	503871.3	5411048.7	77923.79688	322.16	0	48.852394	-86.947228	56342.98	56246.3	3.71	56346.69	56346.48047	56357.75437	56354.34766	503871.3	5411048.7
L43870.0	503871.3	5411050.2	77923.89844	321.45	0	48.852408	-86.947228	56342.96	56246.3	3.71	56346.67	56346.47266	56360.37820	56357.03125	503871.3	5411050.2
L43870.0	503871.2	5411051.8	77924.00000	319.64	0	48.852422	-86.947229	56342.45	56246.3	3.71	56346.16	56345.97266	56354.19605	56350.91406	503871.2	5411051.8
L43870.0	503871.2	5411051.8	77924.10156	321.31	0	48.852422	-86.947229	56342.12	56246.3	3.71	56345.83	56345.65234	56351.26319	56348.04297	503871.2	5411051.8
L43870.0	503871.2	5411053.2	77924.20313	320.20	0	48.852435	-86.947229	56342.02	56246.3	3.71	56345.73	56345.56250	56352.50838	56349.34766	503871.2	5411053.2
L43870.0	503871.2	5411054.5	77924.20313	320.69	0	48.852447	-86.947229	56341.79	56246.3	3.71	56345.50	56345.33984	56351.42253	56348.32031	503871.2	5411054.5
L43870.0	503871.2	5411055.9	77924.29688	318.56	0	48.852459	-86.947229	56342.09	56246.3	3.72	56345.81	56345.66016	56360.17523	56357.13281	503871.2	5411055.9
L43870.0	503871.2	5411055.9	77924.50000	319.61	0	48.852459	-86.947229	56341.20	56246.3	3.72	56344.92	56344.77734	56347.12608	56344.14453	503871.2	5411055.9
L43870.0	503871.1	5411057.1	77924.60156	318.53	0	48.852470	-86.947230	56341.36	56246.3	3.72	56345.08	56344.94531	56353.21153	56350.28906	503871.1	5411057.1
L43870.0	503871.1	5411058.5	77924.70313	318.97	0	48.852482	-86.947230	56341.03	56246.3	3.72	56344.75	56344.62500	56350.39091	56347.52344	503871.1	5411058.5
L43870.0	503871.1	5411059.9	77924.79688	321.26	0	48.852495	-86.947230	56341.13	56246.3	3.73	56344.85	56344.73047	56355.44892	56352.63672	503871.1	5411059.9
L43870.0	503871.1	5411059.9	77924.89844	320.95	0	48.852495	-86.947230	56340.74	56246.3	3.73	56344.47	56344.35938	56351.75943	56349.00391	503871.1	5411059.9
L43870.0	503871.1	5411061.6	77925.00000	321.51	0	48.852511	-86.947230	56340.62	56246.3	3.73	56344.35	56344.25000	56352.84923	56350.15234	503871.1	5411061.6
L43870.0	503871.1	5411063.3	77925.10156	321.17	0	48.852525	-86.947230	56340.36	56246.3	3.73	56344.08	56343.98438	56351.21698	56348.57422	503871.1	5411063.3
L43870.0	503871.1	5411064.9	77925.20313	321.39	0	48.852540	-86.947231	56340.18	56246.3	3.72	56343.90	56343.81250	56351.25734	56348.66797	503871.1	5411064.9
L43870.0	503871.1	5411064.9	77925.29688	323.83	0	48.852540	-86.947231	56340.08	56246.3	3.72	56343.80	56343.71875	56352.78750	56350.25391	503871.1	5411064.9
L43870.0	503871.1	5411066.4	77925.39844	323.17	0	48.852553	-86.947231	56339.39	56246.3	3.71	56343.11	56343.03516	56343.53734	56341.05469	503871.1	5411066.4
L43870.0	503871.0	5411068.3	77925.50000	323.35	0	48.852571	-86.947231	56339.42	56246.3	3.71	56343.13	56343.06250	56347.31500	56344.88672	503871.0	5411068.3
L43870.0	503871.0	5411069.7	77925.60156	320.37	0	48.852583	-86.947231	56338.98	56246.3	3.71	56342.69	56342.62891	56342.70747	56340.33203	503871.0	5411069.7
L43870.0	503871.0	5411069.7	77925.70313	320.07	0	48.852583	-86.947231	56339.48	56246.3	3.70	56343.19	56343.13672	56355.27436	56352.94922	503871.0	5411069.7
L43870.0	503871.0	5411071.3	77925.79688	319.30	0	48.852598	-86.947231	56338.73	56246.3	3.70	56342.43	56342.38281	56344.89988	56342.62109	503871.0	5411071.3
L43870.0	503871.0	5411071.3	77925.89844	320.46	0	48.852598	-86.947231	56339.00	56246.3	3.69	56342.70	56342.66016	56353.27315	56351.04688	503871.0	5411071.3
L43870.0	503871.0	5411072.7	77926.00000	320.88	0	48.852610	-86.947231	56338.52	56246.3	3.69	56342.21	56342.17578	56347.88978	56345.71094	503871.0	5411072.7
L43870.0	503871.0	5411074.3	77926.10156	322.34	0	48.852624	-86.947231	56338.34	56246.3	3.69	56342.03	56342.00000	56348.14418	56346.01563	503871.0	5411074.3
L43870.0	503871.0	5411074.3	77926.20313	321.41	0	48.852624	-86.947231	56338.29	56246.3	3.70	56341.99	56341.96484	56350.92217	56348.83984	503871.0	5411074.3
L43870.0	503871.0	5411075.4	77926.20313	321.23	0	48.852635	-86.947231	56337.91	56246.3	3.70	56341.61	56341.59375	56347.64527	56345.60938	503871.0	5411075.4
L43870.0	503871.0	5411076.9	77926.39844	321.14	0	48.852648	-86.947231	56337.91	56246.3	3.71	56341.61	56341.59766	56351.14711	56349.15625	503871.0	5411076.9
L43870.0	503871.0	5411078.9	77926.50000	321.08	0	48.852666	-86.947231	56337.66	56246.3	3.71	56341.37	56341.36328	56350.41053	56348.46484	503871.0	5411078.9
L43870.0	503871.0	5411080.0	77926.60156	318.64	0	48.852675	-86.947231	56337.47	56246.3	3.71	56341.19	56341.18750	56350.75225	56348.85156	503871.0	5411080.0
L43870.0	503871.0	5411080.0	77926.70313	317.89	0	48.852675	-86.947231	56336.96	56246.3	3.72	56340.68	56340.68359	56345.39026	56343.53125	503871.0	5411080.0
L43870.0	503871.0	5411081.6	77926.79688	319.70	0	48.852690	-86.947231	56336.86	56246.3	3.72	56340.58	56340.58594	56347.18669	56345.36719	503871.0	5411081.6
L43870.0	503871.0	5411083.1	77926.89844	319.29	0	48.852703	-86.947231	56336.48	56246.3	3.73	56340.20	56340.21094	56344.19335	56342.41797	503871.0	5411083.1
L43870.0	503871.0	5411084.9	77927.00000	320.17	0	48.852720	-86.947231	56336.66	56246.3	3.73	56340.39	56340.40625	56350.96285	56349.22656	503871.0	5411084.9
L43870.0	503871.1	5411086.1	77927.10156	320.16	0	48.852730	-86.947231	56336.25	56246.3	3.73	56339.99	56340.01172	56347.70131	56346.00781	503871.1	5411086.1
L43870.0	503871.1	5411086.1	77927.20313	319.23	0	48.852730	-86.947231	56336.05	56246.3	3.73	56339.78	56339.80469	56347.70502	56346.05078	503871.1	5411086.1
L43870.0	503871.1	5411087.8	77927.29688	318.07	0	48.852746	-86.947230	56335.84	56246.3	3.73	56339.57	56339.59766	56347.74182	56346.12500	503871.1	5411087.8
L43870.0	503871.1	5411087.8	77927.39844	318.14	0	48.852746	-86.947230	56335.62	56246.3	3.73	56339.35	56339.38281	56347.64529	56346.06641	503871.1	5411087.8
L43870.0	503871.1	5411089.4	77927.50000	317.46	0	48.852760	-86.947231	56335.54	56246.3	3.74	56339.27	56339.30469	56349.92982	56348.38672	503871.1	5411089.4
L43870.0	503871.1	5411091.1	77927.60156	316.58	0	48.852776	-86.947230	56335.07	56246.3	3.74	56338.81	56338.84766	56345.88813	56344.38281	503871.1	5411091.1
L43870.0	503871.1	5411091.1	77927.70313	316.18	0	48.852776	-86.947230	56334.97	56246.3	3.74	56338.71	56338.75391	56347.91396	56346.44141	503871.1	5411091.1
L43870.0	503871.0	5411092.4	77927.79688	317.89	0	48.852787	-86.947231	56334.54	56246.3	3.74	56338.28	56338.32813	56344.43735	56343.00000	503871.0	5411092.4
L43870.0	503871.0	5411093.8	77927.89844	319.30	0	48.852800	-86.947231	56334.46	56246.3	3.74	56338.20	56338.25000	56346.87843	56345.47266	503871.0	5411093.8
L43870.0	503871.0	5411093.8	77928.00000	317.48	0	48.852800	-86.947231	56334.23	56246.3	3.74	56337.97	56338.02344	56346.83082	56345.46094	503871.0	5411093.8

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L43870.0	503871.0	5411095.0	77928.10156	317.19	0	48.852810	-86.947231	56333.90	56246.3	3.74	56337.64	56337.69531	56345.11453	56343.77734	503871.0	5411095.0
L43870.0	503871.0	5411097.2	77928.20313	314.80	0	48.852830	-86.947231	56333.80	56246.3	3.74	56337.54	56337.59766	56347.34400	56346.03906	503871.0	5411097.2
L43870.0	503871.0	5411098.2	77928.20313	315.85	0	48.852839	-86.947231	56333.44	56246.3	3.74	56337.18	56337.24219	56345.16048	56343.88281	503871.0	5411098.2
L43870.0	503871.0	5411099.9	77928.39844	317.87	0	48.852854	-86.947231	56333.29	56246.3	3.74	56337.03	56337.09375	56346.60800	56345.36328	503871.0	5411099.9
L43870.0	503871.0	5411099.9	77928.50000	319.43	0	48.852854	-86.947231	56332.71	56246.3	3.74	56336.45	56336.51953	56340.64418	56339.42969	503871.0	5411099.9
L43870.0	503871.0	5411101.6	77928.60156	320.74	0	48.852870	-86.947231	56332.52	56246.3	3.74	56336.26	56336.33203	56341.44346	56340.25781	503871.0	5411101.6
L43870.0	503871.0	5411103.2	77928.70313	320.70	0	48.852884	-86.947232	56332.29	56246.3	3.74	56336.03	56336.10547	56341.57730	56340.42188	503871.0	5411103.2
L43870.0	503871.0	5411104.7	77928.79688	324.21	0	48.852898	-86.947232	56331.98	56246.3	3.74	56335.72	56335.79688	56340.33491	56339.20313	503871.0	5411104.7
L43870.0	503871.0	5411104.7	77928.89844	325.46	0	48.852898	-86.947232	56331.66	56246.3	3.74	56335.40	56335.48047	56338.93440	56337.83203	503871.0	5411104.7
L43870.0	503870.9	5411106.0	77929.00000	323.14	0	48.852910	-86.947232	56331.50	56246.3	3.74	56335.24	56335.32031	56340.37288	56339.29688	503870.9	5411106.0
L43870.0	503870.9	5411106.0	77929.10156	323.99	0	48.852910	-86.947232	56331.25	56246.3	3.74	56334.99	56335.07422	56340.25150	56339.20313	503870.9	5411106.0
L43870.0	503870.9	5411107.7	77929.20313	322.66	0	48.852925	-86.947232	56331.07	56246.3	3.74	56334.81	56334.89453	56341.38871	56340.36328	503870.9	5411107.7
L43870.0	503870.9	5411109.1	77929.29688	320.86	0	48.852937	-86.947232	56330.94	56246.3	3.74	56334.68	56334.76953	56343.42856	56342.42969	503870.9	5411109.1
L43870.0	503870.9	5411110.6	77929.39844	321.27	0	48.852951	-86.947232	56330.56	56246.3	3.74	56334.30	56334.39063	56341.07450	56340.09766	503870.9	5411110.6
L43870.0	503870.9	5411110.6	77929.50000	319.36	0	48.852951	-86.947232	56330.30	56246.3	3.75	56334.05	56334.14453	56341.03372	56340.08203	503870.9	5411110.6
L43870.0	503870.9	5411112.3	77929.60156	320.29	0	48.852966	-86.947232	56329.88	56246.3	3.75	56333.62	56333.71484	56337.85893	56336.93359	503870.9	5411112.3
L43870.0	503870.9	5411113.7	77929.60156	318.11	0	48.852979	-86.947232	56329.84	56246.3	3.75	56333.59	56333.68750	56341.70511	56340.80078	503870.9	5411113.7
L43870.0	503870.9	5411115.0	77929.70313	318.90	0	48.852991	-86.947232	56329.46	56246.3	3.75	56333.20	56333.30078	56339.28916	56338.40625	503870.9	5411115.0
L43870.0	503870.9	5411115.0	77929.79688	318.90	0	48.852991	-86.947232	56329.23	56246.3	3.75	56332.98	56333.08203	56339.85401	56338.99219	503870.9	5411115.0
L43870.0	503870.9	5411116.7	77929.89844	319.12	0	48.853006	-86.947232	56328.62	56246.3	3.75	56332.37	56332.47266	56333.73891	56332.90234	503870.9	5411116.7
L43870.0	503870.9	5411118.5	77930.00000	320.26	0	48.853022	-86.947232	56328.49	56246.3	3.75	56332.24	56332.34375	56335.91234	56335.09766	503870.9	5411118.5
L43870.0	503870.9	5411118.5	77930.20313	320.34	0	48.853022	-86.947232	56328.34	56246.2	3.76	56332.10	56332.20703	56337.92215	56337.12500	503870.9	5411118.5
L43870.0	503870.9	5411120.4	77930.20313	320.85	0	48.853040	-86.947232	56327.96	56246.2	3.76	56331.71	56331.82031	56335.70638	56334.92969	503870.9	5411120.4
L43870.0	503870.9	5411122.3	77930.20313	320.85	0	48.853056	-86.947232	56327.98	56246.2	3.76	56331.74	56331.85156	56340.64180	56339.88672	503870.9	5411122.3
L43870.0	503870.9	5411122.3	77930.39844	318.91	0	48.853056	-86.947232	56327.52	56246.2	3.76	56331.28	56331.39453	56337.31493	56336.58203	503870.9	5411122.3
L43870.0	503870.9	5411123.9	77930.60156	317.42	0	48.853071	-86.947232	56327.40	56246.2	3.77	56331.17	56331.28516	56339.94855	56339.23438	503870.9	5411123.9
L43870.0	503870.9	5411123.9	77930.70313	318.01	0	48.853071	-86.947232	56327.08	56246.2	3.77	56330.85	56330.96875	56339.07014	56338.37500	503870.9	5411123.9
L43870.0	503870.9	5411125.8	77930.79688	319.54	0	48.853088	-86.947232	56326.71	56246.2	3.77	56330.49	56330.60938	56337.54767	56336.87109	503870.9	5411125.8
L43870.0	503870.9	5411127.5	77930.89844	317.86	0	48.853103	-86.947232	56326.40	56246.2	3.78	56330.18	56330.30078	56336.90671	56336.25000	503870.9	5411127.5
L43870.0	503870.9	5411128.9	77931.00000	316.06	0	48.853116	-86.947232	56326.32	56246.2	3.78	56330.10	56330.22266	56340.25439	56339.61719	503870.9	5411128.9
L43870.0	503870.9	5411130.3	77931.10156	316.35	0	48.853128	-86.947232	56325.86	56246.2	3.78	56329.64	56329.76563	56337.09928	56336.48047	503870.9	5411130.3
L43870.0	503870.9	5411130.3	77931.20313	315.74	0	48.853128	-86.947232	56325.58	56246.2	3.78	56329.36	56329.48828	56337.07660	56336.47656	503870.9	5411130.3
L43870.0	503870.9	5411132.4	77931.29688	319.14	0	48.853147	-86.947232	56325.38	56246.2	3.78	56329.16	56329.28906	56338.49130	56337.91016	503870.9	5411132.4
L43870.0	503870.9	5411134.0	77931.39844	319.39	0	48.853162	-86.947232	56324.99	56246.2	3.78	56328.77	56328.90234	56336.60189	56336.03516	503870.9	5411134.0
L43870.0	503870.9	5411134.0	77931.50000	320.68	0	48.853162	-86.947232	56324.67	56246.2	3.78	56328.45	56328.58203	56335.96379	56335.41797	503870.9	5411134.0
L43870.0	503870.9	5411135.5	77931.60156	322.20	0	48.853175	-86.947232	56324.33	56246.2	3.78	56328.11	56328.24609	56334.99141	56334.46484	503870.9	5411135.5
L43870.0	503870.9	5411136.7	77931.70313	320.64	0	48.853186	-86.947232	56323.93	56246.2	3.78	56327.71	56327.84766	56332.96285	56332.45313	503870.9	5411136.7
L43870.0	503870.9	5411136.7	77931.79688	320.97	0	48.853186	-86.947232	56324.02	56246.2	3.78	56327.80	56327.94141	56339.76719	56339.27344	503870.9	5411136.7
L43870.0	503870.9	5411138.3	77931.89844	321.44	0	48.853200	-86.947232	56323.39	56246.2	3.78	56327.17	56327.31250	56333.64372	56333.16797	503870.9	5411138.3
L43870.0	503870.9	5411139.9	77932.00000	324.91	0	48.853215	-86.947232	56323.08	56246.2	3.78	56326.86	56327.00391	56333.30482	56332.84766	503870.9	5411139.9
L43870.0	503870.9	5411141.3	77932.10156	323.44	0	48.853227	-86.947232	56322.39	56246.2	3.78	56326.17	56326.31641	56326.13291	56325.69531	503870.9	5411141.3
L43870.0	503870.9	5411141.3	77932.20313	321.27	0	48.853227	-86.947232	56322.42	56246.2	3.78	56326.20	56326.34766	56331.98492	56331.56641	503870.9	5411141.3
L43870.0	503871.0	5411143.1	77932.20313	323.38	0	48.853243	-86.947231	56322.06	56246.2	3.78	56325.84	56325.99219	56330.82905	56330.42969	503871.0	5411143.1
L43870.0	503871.0	5411144.6	77932.39844	322.02	0	48.853257	-86.947231	56321.83	56246.2	3.78	56325.61	56325.76563	56332.03290	56331.64844	503871.0	5411144.6
L43870.0	503871.0	5411144.6	77932.50000	322.15	0	48.853257	-86.947231	56321.61	56246.2	3.78	56325.39	56325.54688	56333.42603	56333.06250	503871.0	5411144.6
L43870.0	503871.0	5411147.1	77932.60156	320.57	0	48.853279	-86.947231	56321.12	56246.2	3.78	56324.90	56325.05859	56330.06046	56329.71484	503871.0	5411147.1
L43870.0	503871.0	5411148.3	77932.70313	319.96	0	48.853291	-86.947231	56320.96	56246.2	3.78	56324.74	56324.90234	56332.54623	56332.21875	503871.0	5411148.3
L43870.0	503871.0	5411149.8	77932.79688	319.40	0	48.853304	-86.947231	56320.45	56246.2	3.78	56324.23	56324.39453	56328.94758	56328.64063	503871.0	5411149.8
L43870.0	503871.0	5411151.2	77932.89844	317.52	0	48.853317	-86.947231	56320.41	56246.2	3.78	56324.19	56324.35547	56333.50726	56333.21875	503871.0	5411151.2
L43870.0	503871.0	5411151.2	77933.00000	317.95	0	48.853317	-86.947231	56319.71	56246.2	3.78	56323.49	56323.66016	56326.80127	56326.53125	503871.0	5411151.2
L43870.0	503871.0	5411152.9	77933.10156	317.98	0	48.853332	-86.947231	56319.92	56246.2	3.78	56323.70	56323.87109	56335.53448	56335.28516	503871.0	5411152.9
L43870.0	503871.0	5411152.9	77933.20313	317.30	0	48.853332	-86.947231	56319.59	56246.2	3.78	56323.37	56323.54688	56335.14762	56334.91797	503871.0	5411152.9
L43870.0	503871.0	5411154.9	77933.29688	317.79	0	48.853349	-86.947230	56319.11	56246.2	3.78	56322.89	56323.06641	56332.34454	56332.13281	503871.0	5411154.9
L43870.0	503871.0	5411156.1	77933.39844	317.59	0	48.853360	-86.947230	56318.51	56246.2	3.78	56322.30	56322.48047	56327.85657	56327.66406	503871.0	5411156.1
L43870.0	503871.0	5411157.8	77933.50000	316.53	0	48.853376	-86.947230	56318.26	56246.2	3.79	56322.05	56322.23438	56328.95736	56328.78516	503871.0	5411157.8
L43870.0	503871.0	5411157.8	77933.60156	316.19	0	48.853376	-86.947230	56317.98	56246.2	3.79	56321.76	56321.94922	56329.44158	56329.29297	503871.0	5411157.8
L43870.0	503871.1	5411159.8	77933.70313	315.56	0	48.853394	-86.947230	56317.59	56246.2	3.79	56321.38	56321.57031	56328.54213	56328.41406	503871.1	5411159.8
L43870.0	503871.1	5411159.8	77933.79688	314.72	0	48.853394	-86.947230	56317.24	56246.2	3.79	56321.03	56321.22266	56327.90657	56327.80078	503871.1	5411159.8
L43870.0	503871.1	5411161.9	77933.89844	316.82	0	48.853412	-86.947229	56316.70	56246.2	3.79	56320.49	56320.68750	56322.96850	56322.88281	503871.1	5411161.9
L43870.0	503871.1	5411163.2	77934.00000	317.76	0	48.853424	-86.947229	56316.57	56246.2	3.79	56320.36	56320.56250	56328.24085	56328.17578	503871.1	5411163.2
L43870.0	503871.1	5411164.7	77934.10156	317.33	0	48.853438	-86.947229	56316.04	56246.2	3.79	56319.83	56320.03516	56323.74281	56323.70313	503871.1	5411164.7
L43870.0	503871.1	5411164.7	77934.20313	314.33	0	48.853438	-86.947229	56315.76	56246.2	3.79	56319.55	56319.75781	56325.46188	56325.44531	503871.1	5411164.7
L43870.0	503871.1	5411166.7	77934.20313	314.64	0	48.853456	-86.947229	56315.47	56246.2	3.79	56319.26	56319.47266	56327.00913	56327.01172	503871.1	5411166.7
L43870.0	503871.1	5411168.1	77934.29688	316.32	0	48.853468	-86.947229	56315.17	56246.2	3.79	56318.96	56319.17578	56328.39048	56328.41797	503871.1	5411168.1
L43870.0	503871.1	5411169.5	77934.50000	316.64	0	48.853481	-86.947229	56314.84	56246.2	3.79	56318.63	56318.84766	56329.12179	56329.17188	503871.1	5411169.5
L43870.0	503871.1	5411169.5	77934.60156	319.23	0	48.853481	-86.947229	56313.92	56246.2	3.78	56317.70	56317.92188	56315.28318	56315.35938	503871.1	5411169.5
L43870.0	503871.1	5411171.5	77934.70313	321.30	0	48.853499	-86.947229	56313.77	56246.2	3.78	56317.55	56317.77734	56320.57023	56320.66797	503871.1	5411171.5
L43870.0	503871.1	5411171.5	77934.79688	319.76	0	48.853499	-86.947229	56313.52	56246.2	3.78	56317.30	56317.53125	56323.50354	56323.62891	503871.1	5411171.5
L43870.0	503871.1	5411173.5	77934.89844	319.95	0	48.853516	-86.947228	56313.13	56246.2	3.78	56316.91	56317.14453	56323.09645	56323.24609	503871.1	5411173.5
L43870.0	503871.1	5411173.5	77935.00000	317.62	0	48.853516	-86.947228	56312.85	56246.2	3.78	56316.63	56316.86719	56325.47340	56325.64844	503871.1	5411173.5
L43870.0	503871.2	5411174.7	77935.10156	317.86	0	48.853528	-86.947228	56312.34	56246.2	3.78	56316.12	56316.36328	56322.28741	56322.48828	503871.2	5411174.7
L43870.0	503871.2	5411176.2	77935.20313	318.66	0	48.853541	-86.947228	56312.03	56246.2	3.78	56315.81	56316.05859	56324.10468	56324.33203	503871.2	5411176.2
L43870.0	503871.2	5411177.9	77935.29688	316.75	0	48.853556	-86.947228	56311.55	56246.2	3.78	56315.33	56315.58203	56321.82348	56322.07422	503871.2	5411177.9
L43870.0	503871.2	5411177.9	77935.39844	314.44	0	48.853556	-86.947228	56311.32	56246.2	3.78	56315.10	56315.35547	56325.79879	56326.07813	503871.2	5411177.9
L43870.0	503871.2	5411180.3	77935.50000	314.84	0	48.853578	-86.947228	56310.86	56246.2	3.79	56314.64	56314.90234	56324.18996	56324.49609	503871.2	5411180.3
L43870.0	503871.2	5411181.5	77935.60156	318.30	0	48.853589	-86.947228	56310.42	56246.2	3.79	56314.20	56314.46484	56323.16619	56323.49609	503871.2	5411181.5
L43870.0	503871.2	5411181.5	77935.70313	316.86	0	48.853589	-86.947228	56309.48	56246.2	3.79	56313.27	56313.53906	56310.11627	56310.47656	503871.2	5411181.5
L43870.0	503871.2	5411182.9	77935.79688	317.20	0	48.853602	-86.947227	56309.25	56246.2	3.79	56313.03	56313.30469	56314.23023	56314.61719	503871.2	5411182.9
L43870.0	503871.2	5411182.9	77935.89844	317.44	0	48.853602	-86.947227	56308.76	56246.2	3.79	56312.55	56312.82813	56312.50974	56312.92578	503871.2	5411182.9
L43870.0	503871.3	5411184.6	77936.00000	316.07	0	48.853617	-86.947227	56308.56	56246.2	3.79	56312.35	56312.63281	56317.81998	56318.26172	503871.3	5411184.6
L43870.0	503871.3	5411186.6	77936.10156	315.96	0	48.853635	-86.947226	56308.33	56246.2	3.79	56312.12	56312.41016	56322.49232	56322.96484	503871.3	5411186.6
L43870.0	503871.3	5411186.6	77936.20313	316.88	0	48.853635	-86.947226	56307.76	56246.2	3.79	56311.56	56311.85547	56319.11485	56319.61719	503871.3	5411186.6
L43870.0	503871.3	5411188.2	77936.20313	317.82	0	48.853649	-86.947226	56307.54	56246.2	3.79	56311.34	56311.63672	56324.25026	56324.78125	503871.3	5411188.2
L43870.0	503871.3	5411189.3	77936.39844	319.62	0	48.853659	-86.947226	56306.72	56246.2	3.80	56310.52	56310.82422	56314.68672	56315.24609	503871.3	5411189.3
L43870.0	503871.4	5411191.0	77936.50000	315.98	0	48.853674	-86.947225	56306.21	56246.2	3.80	56310.01	56310.31641	56312.90076	56313.48828	503871.4	5411191.0
L43870.0	503871.4	5411191.0	77936.60156	315.04	0	48.853674	-86.947225	56305.91	56246.2	3.80	56309.71	56310.02344	56316.41343	56317.03125	503871.4	5411191.0
L43870.0	503871.4	5411192.7	77936.70313	316.58	0	48.853690	-86.947225	56305.27	56246.2	3.80	56309.07	56309.38672	56311.67653	56312.32813	503871.4	5411192.7
L43870.0	503871.4	5411194.7	77936.79688	316.49	0	48.853707	-86.947224	56304.66	56246.2	3.81	56308.47	56308.79297	56308.06026	56308.74219	503871.4	5411194.7
L43870.0	503871.4	5411194.7	77936.89844	319.32	0	48.853707	-86.947224	56304.58	56246.2	3.81	56308.39	56308.71875	56317.35984	56318.07031	503871.4	5411194.7
L43870.0	503871.5	5411195.9	77937.00000	316.76	0	48.853718	-86.947224	56304.14	56246.2	3.81	56307.95	56308.28516	56317.94212	56318.68359	503871.5	5411195.9
L43870.0	503871.5	5411197.7	77937.10156	315.30	0	48.853735	-86.947224	56303.51	56246.2	3.81	56307.32	56307.66016	56313.99983	56314.76953	503871.5	5411197.7
L43870.0	503871.5	5411199.3	77937.20313	317.84	0	48.853749	-86.947223	56303.00	56246.2	3.81	56306.81	56307.15234	56313.14878	56313.95313	503871.5	5411199.3
L43870.0	503871.5	5411201.1	77937.29688	315.16	0	48.853765	-86.947223	56302.48	56246.2	3.81	56306.29	56306.64063	56312.19923	56313.03125	503871.5	5411201.1

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L43870.0	503871.5	5411201.1	77937.39844	316.30	0	48.853765	-86.947223	56302.08	56246.2	3.81	56305.89	56306.24219	56314.34938	56315.21484	503871.5	5411201.1
L43870.0	503871.6	5411203.1	77937.50000	318.74	0	48.853783	-86.947223	56301.72	56246.2	3.81	56305.53	56305.89063	56317.64499	56318.53906	503871.6	5411203.1
L43870.0	503871.6	5411204.8	77937.60156	316.22	0	48.853799	-86.947222	56301.18	56246.2	3.81	56304.99	56305.35547	56316.67384	56317.60156	503871.6	5411204.8
L43870.0	503871.6	5411204.8	77937.70313	316.29	0	48.853799	-86.947222	56300.25	56246.2	3.81	56304.06	56304.42969	56306.22148	56307.17969	503871.6	5411204.8
L43870.0	503871.6	5411206.3	77937.79688	315.93	0	48.853812	-86.947222	56299.63	56246.2	3.81	56303.43	56303.80469	56303.31371	56304.30469	503871.6	5411206.3
L43870.0	503871.6	5411208.1	77937.89844	316.97	0	48.853828	-86.947222	56299.32	56246.2	3.81	56303.13	56303.50781	56308.76401	56309.78516	503871.6	5411208.1
L43870.0	503871.6	5411208.1	77938.00000	316.61	0	48.853828	-86.947222	56298.56	56246.2	3.81	56302.37	56302.75391	56306.96052	56308.01172	503871.6	5411208.1
L43870.0	503871.6	5411209.3	77938.10156	316.31	0	48.853838	-86.947221	56298.35	56246.2	3.81	56302.16	56302.55078	56311.85455	56312.93750	503871.6	5411209.3
L43870.0	503871.6	5411209.3	77938.20313	318.31	0	48.853838	-86.947221	56297.96	56246.2	3.81	56301.77	56302.16406	56314.03186	56315.14453	503871.6	5411209.3
L43870.0	503871.7	5411212.5	77938.20313	319.38	0	48.853868	-86.947221	56297.23	56246.2	3.81	56301.03	56301.42969	56310.74310	56311.88672	503871.7	5411212.5
L43870.0	503871.7	5411212.5	77938.39844	321.39	0	48.853868	-86.947221	56296.57	56246.2	3.80	56300.37	56300.77344	56308.80727	56309.98047	503871.7	5411212.5
L43870.0	503871.7	5411213.9	77938.50000	319.75	0	48.853880	-86.947221	56295.97	56246.2	3.80	56299.77	56300.17969	56307.92082	56309.12500	503871.7	5411213.9
L43870.0	503871.7	5411215.0	77938.60156	317.92	0	48.853890	-86.947221	56295.50	56246.2	3.80	56299.29	56299.70313	56309.06880	56310.30469	503871.7	5411215.0
L43870.0	503871.7	5411215.0	77938.70313	317.76	0	48.853890	-86.947221	56294.96	56246.2	3.80	56298.75	56299.16797	56309.35168	56310.61719	503871.7	5411215.0
L43870.0	503871.7	5411216.9	77938.79688	317.83	0	48.853908	-86.947221	56294.37	56246.2	3.79	56298.17	56298.58984	56309.08384	56310.37891	503871.7	5411216.9
L43870.0	503871.7	5411218.5	77938.89844	316.72	0	48.853922	-86.947221	56293.71	56246.2	3.79	56297.50	56297.92578	56307.44023	56308.76563	503871.7	5411218.5
L43870.0	503871.7	5411220.0	77939.00000	318.29	0	48.853935	-86.947221	56292.91	56246.2	3.79	56296.70	56297.12891	56303.75231	56305.10547	503871.7	5411220.0
L43870.0	503871.7	5411220.0	77939.10156	319.26	0	48.853935	-86.947221	56292.39	56246.2	3.79	56296.18	56296.61328	56304.74872	56306.13281	503871.7	5411220.0
L43870.0	503871.7	5411222.0	77939.20313	321.63	0	48.853953	-86.947221	56291.59	56246.2	3.79	56295.37	56295.80859	56301.07155	56302.48438	503871.7	5411222.0
L43870.0	503871.7	5411223.5	77939.29688	318.99	0	48.853967	-86.947221	56290.72	56246.2	3.78	56294.50	56294.94141	56296.49718	56297.93750	503871.7	5411223.5
L43870.0	503871.7	5411224.9	77939.39844	321.07	0	48.853980	-86.947221	56289.98	56246.2	3.78	56293.76	56294.20703	56294.16253	56295.63281	503871.7	5411224.9
L43870.0	503871.7	5411224.9	77939.50000	320.50	0	48.853980	-86.947221	56289.52	56246.2	3.78	56293.30	56293.75000	56296.53576	56298.03125	503871.7	5411224.9
L43870.0	503871.7	5411226.9	77939.60156	317.34	0	48.853998	-86.947221	56288.91	56246.2	3.78	56292.68	56293.13281	56296.37175	56297.89453	503871.7	5411226.9
L43870.0	503871.6	5411228.5	77939.70313	319.06	0	48.854011	-86.947221	56288.30	56246.2	3.78	56292.07	56292.52734	56296.46616	56298.01563	503871.6	5411228.5
L43870.0	503871.6	5411230.0	77939.79688	321.60	0	48.854025	-86.947222	56287.74	56246.2	3.77	56291.51	56291.96875	56297.46604	56299.04297	503871.6	5411230.0
L43870.0	503871.6	5411230.0	77939.89844	321.99	0	48.854025	-86.947222	56287.22	56246.2	3.77	56290.99	56291.45313	56299.19558	56300.79688	503871.6	5411230.0
L43870.0	503871.6	5411231.8	77940.00000	317.37	0	48.854041	-86.947222	56286.33	56246.2	3.77	56290.10	56290.56641	56295.03293	56296.66016	503871.6	5411231.8
L43870.0	503871.6	5411233.4	77940.10156	317.24	0	48.854056	-86.947222	56285.77	56246.2	3.77	56289.54	56290.00781	56296.29696	56297.94922	503871.6	5411233.4
L43870.0	503871.6	5411233.4	77940.20313	318.15	0	48.854056	-86.947222	56284.90	56246.2	3.77	56288.67	56289.14063	56292.69412	56294.37109	503871.6	5411233.4
L43870.0	503871.6	5411235.0	77940.20313	319.06	0	48.854070	-86.947222	56284.32	56246.2	3.77	56288.09	56288.56250	56293.82442	56295.52344	503871.6	5411235.0
L43870.0	503871.6	5411236.8	77940.39844	317.34	0	48.854087	-86.947222	56283.38	56246.2	3.77	56287.15	56287.62500	56289.34517	56291.06641	503871.6	5411236.8
L43870.0	503871.6	5411236.8	77940.50000	316.58	0	48.854087	-86.947222	56282.91	56246.2	3.78	56286.69	56287.16797	56292.55985	56294.30469	503871.6	5411236.8
L43870.0	503871.5	5411238.6	77940.60156	316.69	0	48.854102	-86.947222	56282.17	56246.2	3.78	56285.94	56286.41797	56291.41411	56293.17969	503871.5	5411238.6
L43870.0	503871.5	5411240.6	77940.70313	316.61	0	48.854120	-86.947222	56281.44	56246.2	3.78	56285.22	56285.69922	56290.85911	56292.64453	503871.5	5411240.6
L43870.0	503871.5	5411240.6	77940.79688	317.89	0	48.854120	-86.947222	56280.46	56246.2	3.78	56284.24	56284.71875	56283.96744	56285.77344	503871.5	5411240.6
L43870.0	503871.5	5411242.2	77940.89844	317.80	0	48.854135	-86.947223	56279.82	56246.2	3.78	56283.60	56284.08203	56286.70119	56288.52734	503871.5	5411242.2
L43870.0	503871.5	5411243.6	77941.00000	316.30	0	48.854147	-86.947222	56279.06	56246.2	3.78	56282.83	56283.31250	56285.52453	56287.36719	503871.5	5411243.6
L43870.0	503871.5	5411245.1	77941.10156	316.09	0	48.854161	-86.947222	56278.17	56246.2	3.78	56281.95	56282.43359	56282.69058	56284.55078	503871.5	5411245.1
L43870.0	503871.5	5411245.1	77941.20313	316.51	0	48.854161	-86.947222	56277.45	56246.2	3.78	56281.22	56281.70313	56282.33305	56284.21094	503871.5	5411245.1
L43870.0	503871.6	5411247.4	77941.29688	314.62	0	48.854182	-86.947222	56276.82	56246.2	3.77	56280.59	56281.07422	56283.69512	56285.58984	503871.6	5411247.4
L43870.0	503871.6	5411247.4	77941.39844	314.88	0	48.854182	-86.947222	56276.09	56246.2	3.77	56279.87	56280.35156	56283.72243	56285.62891	503871.6	5411247.4
L43870.0	503871.6	5411249.4	77941.50000	316.00	0	48.854200	-86.947222	56275.05	56246.2	3.77	56278.82	56279.30078	56278.43056	56280.35156	503871.6	5411249.4
L43870.0	503871.6	5411250.9	77941.60156	314.82	0	48.854213	-86.947222	56274.34	56246.2	3.77	56278.11	56278.58984	56278.79864	56280.73047	503871.6	5411250.9
L43870.0	503871.6	5411250.9	77941.70313	318.25	0	48.854213	-86.947222	56273.32	56246.2	3.77	56277.09	56277.57031	56274.09003	56276.03516	503871.6	5411250.9
L43870.0	503871.6	5411252.9	77941.79688	320.02	0	48.854231	-86.947221	56272.78	56246.2	3.76	56276.55	56277.02734	56277.52048	56279.47656	503871.6	5411252.9
L43870.0	503871.6	5411254.5	77941.89844	320.10	0	48.854246	-86.947221	56271.98	56246.2	3.76	56275.75	56276.22656	56276.68814	56278.65234	503871.6	5411254.5
L43870.0	503871.6	5411256.1	77942.00000	320.71	0	48.854260	-86.947221	56271.22	56246.2	3.76	56274.98	56275.45313	56276.46430	56278.43750	503871.6	5411256.1
L43870.0	503871.6	5411256.1	77942.10156	320.89	0	48.854260	-86.947221	56270.35	56246.2	3.76	56274.11	56274.57813	56274.61668	56276.59766	503871.6	5411256.1
L43870.0	503871.7	5411257.4	77942.20313	322.56	0	48.854271	-86.947221	56269.44	56246.2	3.76	56273.21	56273.67578	56272.33290	56274.32031	503871.7	5411257.4
L43870.0	503871.7	5411258.9	77942.20313	322.20	0	48.854285	-86.947221	56268.74	56246.2	3.76	56272.50	56272.96484	56273.43206	56275.42188	503871.7	5411258.9
L43870.0	503871.7	5411258.9	77942.29688	322.84	0	48.854285	-86.947221	56267.84	56246.2	3.77	56271.60	56272.05859	56271.32699	56273.32031	503871.7	5411258.9
L43870.0	503871.7	5411260.4	77942.50000	325.65	0	48.854299	-86.947221	56267.22	56246.2	3.77	56270.99	56271.44531	56274.34636	56276.34375	503871.7	5411260.4
L43870.0	503871.7	5411260.4	77942.60156	322.74	0	48.854299	-86.947221	56266.63	56246.2	3.77	56270.40	56270.85156	56277.77847	56279.77734	503871.7	5411260.4
L43870.0	503871.7	5411262.6	77942.70313	322.57	0	48.854319	-86.947220	56265.41	56246.2	3.77	56269.18	56269.62500	56270.39806	56272.39453	503871.7	5411262.6
L43870.0	503871.7	5411264.5	77942.79688	320.42	0	48.854335	-86.947220	56264.46	56246.2	3.78	56268.23	56268.67188	56267.79330	56269.78906	503871.7	5411264.5
L43870.0	503871.7	5411266.2	77942.89844	317.67	0	48.854351	-86.947220	56263.70	56246.2	3.78	56267.48	56267.91406	56268.68927	56270.68359	503871.7	5411266.2
L43870.0	503871.7	5411266.2	77943.00000	317.42	0	48.854351	-86.947220	56262.88	56246.2	3.78	56266.66	56267.08984	56268.45419	56270.44531	503871.7	5411266.2
L43870.0	503871.7	5411268.3	77943.10156	317.03	0	48.854369	-86.947220	56261.88	56246.2	3.78	56265.66	56266.08203	56265.28840	56267.27344	503871.7	5411268.3
L43870.0	503871.7	5411270.2	77943.20313	317.52	0	48.854387	-86.947220	56260.91	56246.2	3.78	56264.69	56265.10547	56262.73779	56264.71484	503871.7	5411270.2
L43870.0	503871.7	5411270.2	77943.29688	318.25	0	48.854387	-86.947220	56260.07	56246.2	3.78	56263.85	56264.25781	56262.40599	56264.37500	503871.7	5411270.2
L43870.0	503871.7	5411271.9	77943.39844	318.10	0	48.854402	-86.947220	56259.00	56246.2	3.78	56262.78	56263.17969	56258.43340	56260.39453	503871.7	5411271.9
L43870.0	503871.7	5411271.9	77943.50000	317.54	0	48.854402	-86.947220	56258.13	56246.2	3.77	56261.90	56262.29297	56257.60636	56259.55469	503871.7	5411271.9
L43870.0	503871.7	5411274.0	77943.60156	316.37	0	48.854421	-86.947220	56257.25	56246.2	3.77	56261.02	56261.40234	56255.13773	56257.07422	503871.7	5411274.0
L43870.0	503871.7	5411275.4	77943.70313	315.99	0	48.854434	-86.947220	56256.54	56246.2	3.77	56260.32	56260.69531	56259.30663	56261.23047	503871.7	5411275.4
L43870.0	503871.7	5411275.4	77943.79688	315.73	0	48.854434	-86.947220	56255.48	56246.2	3.77	56259.25	56259.61719	56254.39614	56256.30469	503871.7	5411275.4
L43870.0	503871.7	5411277.4	77943.89844	313.78	0	48.854452	-86.947219	56254.33	56246.2	3.77	56258.10	56258.45703	56247.64903	56249.53906	503871.7	5411277.4
L43870.0	503871.8	5411278.7	77944.00000	315.28	0	48.854463	-86.947219	56253.58	56246.2	3.77	56257.35	56257.69531	56250.78286	56252.65234	503871.8	5411278.7
L43870.0	503871.8	5411280.5	77944.10156	315.47	0	48.854479	-86.947219	56252.50	56246.2	3.77	56256.26	56256.59375	56245.65526	56247.50781	503871.8	5411280.5
L43870.0	503871.8	5411280.5	77944.20313	314.49	0	48.854479	-86.947219	56251.65	56246.2	3.77	56255.41	56255.73438	56246.45099	56248.28125	503871.8	5411280.5
L43870.0	503871.8	5411282.2	77944.20313	315.49	0	48.854495	-86.947218	56250.54	56246.2	3.77	56254.31	56254.62109	56241.14831	56242.95703	503871.8	5411282.2
L43870.0	503871.8	5411283.7	77944.29688	316.38	0	48.854508	-86.947218	56249.84	56246.2	3.76	56253.61	56253.91016	56245.74429	56247.52734	503871.8	5411283.7
L43870.0	503871.8	5411283.7	77944.50000	316.68	0	48.854508	-86.947218	56248.71	56246.2	3.76	56252.47	56252.75781	56239.47654	56241.23438	503871.8	5411283.7
L43870.0	503871.9	5411285.7	77944.60156	316.86	0	48.854526	-86.947217	56247.82	56246.2	3.76	56251.58	56251.85547	56240.95523	56242.68359	503871.9	5411285.7
L43870.0	503871.9	5411287.6	77944.70313	319.05	0	48.854543	-86.947217	56246.82	56246.2	3.76	56250.58	56250.83984	56238.53580	56240.23438	503871.9	5411287.6
L43870.0	503871.9	5411287.6	77944.79688	319.62	0	48.854543	-86.947217	56245.98	56246.2	3.75	56249.73	56249.97656	56238.51036	56240.17969	503871.9	5411287.6
L43870.0	503872.0	5411289.4	77944.89844	319.99	0	48.854559	-86.947216	56245.27	56246.2	3.75	56249.02	56249.25391	56240.77425	56242.41406	503872.0	5411289.4
L43870.0	503872.0	5411290.8	77945.00000	321.11	0	48.854572	-86.947216	56244.04	56246.3	3.75	56247.79	56248.00781	56234.58019	56236.18359	503872.0	5411290.8
L43870.0	503872.0	5411290.8	77945.10156	319.24	0	48.854572	-86.947216	56243.13	56246.2	3.75	56246.88	56247.08203	56233.57456	56235.14453	503872.0	5411290.8
L43870.0	503872.0	5411293.1	77945.20313	320.00	0	48.854593	-86.947216	56242.06	56246.2	3.76	56245.82	56246.00781	56230.06697	56231.59766	503872.0	5411293.1
L43870.0	503872.0	5411294.7	77945.29688	320.23	0	48.854607	-86.947215	56241.52	56246.2	3.76	56245.28	56245.44922	56235.21129	56236.70703	503872.0	5411294.7
L43870.0	503872.0	5411294.7	77945.39844	322.14	0	48.854607	-86.947215	56240.04	56246.2	3.77	56243.81	56243.96484	56224.76012	56226.21484	503872.0	5411294.7
L43870.0	503872.0	5411296.1	77945.50000	322.16	0	48.854620	-86.947215	56239.27	56246.2	3.77	56243.04	56243.17578	56226.02419	56227.43750	503872.0	5411296.1
L43870.0	503872.0	5411296.1	77945.60156	319.57	0	48.854620	-86.947215	56238.48	56246.2	3.77	56242.26	56242.37891	56227.11059	56228.48047	503872.0	5411296.1
L43870.0	503872.0	5411299.2	77945.70313	319.08	0	48.854648	-86.947215	56237.46	56246.2	3.78	56241.24	56241.33984	56224.09213	56225.41797	503872.0	5411299.2
L43870.0	503872.0	5411299.2	77945.79688	320.74	0	48.854648	-86.947215	56236.58	56246.2	3.78	56240.36	56240.44141	56223.41145	56224.69141	503872.0	5411299.2
L43870.0	503872.0	5411300.9	77945.89844	321.13	0	48.854663	-86.947215	56235.75	56246.2	3.79	56239.54	56239.60547	56223.70313	56224.93750	503872.0	5411300.9
L43870.0	503872.0	5411300.9	77946.00000	320.95	0	48.854663	-86.947215	56234.68	56246.2	3.79	56238.47	56238.51563	56219.68276	56220.87109	503872.0	5411300.9
L43870.0	503872.1	5411302.5	77946.10156	318.64	0	48.854677	-86.947215	56233.54	56246.2	3.79	56237.32	56237.34375	56214.25068	56215.38672	503872.1	5411302.5
L43870.0	503872.1	5411304.2	77946.20313	318.77	0	48.854693	-86.947215	56232.81	56246.2	3.78	56236.60	56236.60547	56216.02892	56217.11328	503872.1	5411304.2
L43870.0	503872.1	5411304.2	77946.20313	319.52	0	48.854693	-86.947215	56232.07	56246.2	3.78	56235.86	56235.84375	56217.35660	56218.39063	503872.1	5411304.2
L43870.0	503872.1	5411306.3	77946.39844	318.94	0	48.854712	-86.947215	56230.63	56246.2	3.78	56234.40	56234.36328	56206.51453	56207.49219	503872.1	5411306.3
L43870.0	503872.1	5411308.1	77946.50000	319.20	0	48.854728	-86.947215	56230.12	56246.2	3.78	56233.89	56233.83203	56211.45893	56212.38281	503872.1	5411308.1
L43870.0	503872.1	5411308.1	77946.60156	319.40	0	48.854728	-86.947215	56229.26	56246.2	3.77	56233.03	56232.94922	56210.41561	56211.28125	503872.1	5411308.1

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L43870.0	503872.1	5411309.6	77946.70313	319.79	0	48.854741	-86.947215	56228.12	56246.2	3.77	56231.89	56231.78516	56204.61451	56205.42188	503872.1	5411309.6
L43870.0	503872.1	5411310.8	77946.79688	319.11	0	48.854752	-86.947215	56227.25	56246.2	3.77	56231.01	56230.88281	56202.95530	56203.70313	503872.1	5411310.8
L43870.0	503872.1	5411312.6	77946.89844	318.32	0	48.854768	-86.947215	56226.76	56246.2	3.76	56230.53	56230.38281	56207.64951	56208.33984	503872.1	5411312.6
L43870.0	503872.1	5411312.6	77947.00000	320.51	0	48.854768	-86.947215	56225.49	56246.2	3.76	56229.25	56229.07813	56199.11067	56199.73828	503872.1	5411312.6
L43870.0	503872.1	5411314.4	77947.10156	320.40	0	48.854785	-86.947215	56225.04	56246.2	3.76	56228.80	56228.60547	56203.86786	56204.43359	503872.1	5411314.4
L43870.0	503872.1	5411316.6	77947.20313	321.74	0	48.854804	-86.947215	56223.98	56246.2	3.76	56227.74	56227.51953	56198.52839	56199.02734	503872.1	5411316.6
L43870.0	503872.1	5411318.1	77947.29688	320.50	0	48.854817	-86.947214	56222.96	56246.2	3.76	56226.72	56226.47656	56193.63257	56194.06641	503872.1	5411318.1
L43870.0	503872.1	5411318.1	77947.39844	316.99	0	48.854817	-86.947214	56222.28	56246.2	3.76	56226.04	56225.76953	56193.98792	56194.35938	503872.1	5411318.1
L43870.0	503872.1	5411319.8	77947.50000	315.72	0	48.854833	-86.947214	56221.59	56246.2	3.76	56225.35	56225.05469	56193.93489	56194.23828	503872.1	5411319.8
L43870.0	503872.1	5411319.8	77947.60156	316.50	0	48.854833	-86.947214	56220.69	56246.2	3.77	56224.46	56224.14063	56190.41367	56190.64844	503872.1	5411319.8
L43870.0	503872.1	5411321.5	77947.70313	316.66	0	48.854848	-86.947214	56220.08	56246.2	3.77	56223.85	56223.50391	56191.12847	56191.29297	503872.1	5411321.5
L43870.0	503872.1	5411323.3	77947.79688	315.35	0	48.854864	-86.947214	56219.12	56246.2	3.77	56222.88	56222.50781	56185.78321	56185.87891	503872.1	5411323.3
L43870.0	503872.1	5411324.5	77947.89844	317.69	0	48.854875	-86.947214	56218.44	56246.2	3.77	56222.21	56221.81250	56184.96952	56184.99219	503872.1	5411324.5
L43870.0	503872.1	5411324.5	77948.00000	321.02	0	48.854875	-86.947214	56218.04	56246.2	3.77	56221.81	56221.38281	56188.20658	56188.15625	503872.1	5411324.5
L43870.0	503872.1	5411326.7	77948.10156	317.70	0	48.854895	-86.947214	56217.15	56246.2	3.77	56220.92	56220.46484	56183.23975	56183.11719	503872.1	5411326.7
L43870.0	503872.1	5411328.7	77948.20313	318.57	0	48.854913	-86.947214	56216.41	56246.2	3.76	56220.17	56219.68750	56180.20089	56180.00391	503872.1	5411328.7
L43870.0	503872.1	5411328.7	77948.20313	319.80	0	48.854913	-86.947214	56216.18	56246.2	3.76	56219.94	56219.42969	56185.25830	56184.98828	503872.1	5411328.7
L43870.0	503872.1	5411330.2	77948.29688	317.02	0	48.854927	-86.947214	56215.07	56246.2	3.76	56218.83	56218.29297	56175.68445	56175.33984	503872.1	5411330.2
L43870.0	503872.1	5411332.0	77948.50000	317.86	0	48.854942	-86.947214	56214.77	56246.2	3.75	56218.52	56217.95313	56178.77510	56178.35156	503872.1	5411332.0
L43870.0	503872.1	5411333.2	77948.60156	318.11	0	48.854953	-86.947214	56214.19	56246.2	3.75	56217.94	56217.34766	56177.11205	56176.61328	503872.1	5411333.2
L43870.0	503872.1	5411333.2	77948.70313	317.69	0	48.854953	-86.947214	56213.28	56246.3	3.75	56217.03	56216.40625	56169.64962	56169.07422	503872.1	5411333.2
L43870.0	503872.1	5411335.1	77948.79688	318.10	0	48.854970	-86.947214	56212.96	56246.3	3.75	56216.71	56216.05859	56171.53255	56170.87891	503872.1	5411335.1
L43870.0	503872.1	5411335.1	77948.89844	316.93	0	48.854970	-86.947214	56212.42	56246.3	3.74	56216.16	56215.48047	56169.25158	56168.51953	503872.1	5411335.1
L43870.0	503872.1	5411336.6	77949.00000	316.57	0	48.854984	-86.947214	56211.96	56246.3	3.74	56215.70	56214.98828	56168.08494	56167.27344	503872.1	5411336.6
L43870.0	503872.1	5411338.2	77949.10156	317.67	0	48.854998	-86.947214	56211.31	56246.3	3.74	56215.05	56214.30859	56163.35879	56162.46875	503872.1	5411338.2
L43870.0	503872.1	5411339.7	77949.20313	319.41	0	48.855012	-86.947214	56211.00	56246.3	3.75	56214.75	56213.98047	56164.08855	56163.11719	503872.1	5411339.7
L43870.0	503872.1	5411339.7	77949.29688	321.52	0	48.855012	-86.947214	56210.84	56246.2	3.75	56214.60	56213.80078	56166.95182	56165.89844	503872.1	5411339.7
L43870.0	503872.1	5411341.7	77949.39844	321.99	0	48.855030	-86.947214	56210.23	56246.2	3.76	56213.99	56213.16016	56161.67515	56160.54297	503872.1	5411341.7
L43870.0	503872.1	5411341.7	77949.50000	320.41	0	48.855030	-86.947214	56209.66	56246.2	3.76	56213.43	56212.57031	56156.80149	56155.58984	503872.1	5411341.7
L43870.0	503872.1	5411343.8	77949.60156	319.04	0	48.855049	-86.947214	56209.76	56246.2	3.77	56213.53	56212.64063	56162.65873	56161.36328	503872.1	5411343.8
L43870.0	503872.1	5411345.1	77949.70313	319.11	0	48.855061	-86.947214	56209.23	56246.2	3.78	56213.01	56212.08984	56157.56775	56156.19141	503872.1	5411345.1
L43870.0	503872.1	5411347.0	77949.79688	319.26	0	48.855077	-86.947214	56208.84	56246.2	3.78	56212.62	56211.66797	56154.20310	56152.74609	503872.1	5411347.0
L43870.0	503872.1	5411348.9	77949.89844	320.99	0	48.855095	-86.947214	56208.82	56246.2	3.79	56212.61	56211.62891	56156.84456	56155.30859	503872.1	5411348.9
L43870.0	503872.1	5411348.9	77950.00000	320.39	0	48.855095	-86.947214	56208.54	56246.2	3.79	56212.33	56211.31641	56154.38113	56152.76172	503872.1	5411348.9
L43870.0	503872.1	5411350.0	77950.10156	321.42	0	48.855105	-86.947214	56208.49	56246.2	3.79	56212.28	56211.23438	56155.37112	56153.67188	503872.1	5411350.0
L43870.0	503872.1	5411350.0	77950.20313	317.78	0	48.855105	-86.947214	56208.28	56246.2	3.78	56212.06	56210.98438	56152.89097	56151.10938	503872.1	5411350.0
L43870.0	503872.1	5411352.3	77950.20313	315.69	0	48.855125	-86.947214	56208.24	56246.2	3.78	56212.02	56210.91406	56153.02232	56151.16016	503872.1	5411352.3
L43870.0	503872.1	5411353.8	77950.39844	317.81	0	48.855139	-86.947214	56207.96	56246.2	3.78	56211.74	56210.60156	56148.42163	56146.47656	503872.1	5411353.8
L43870.0	503872.1	5411355.4	77950.50000	319.13	0	48.855153	-86.947214	56207.88	56246.2	3.78	56211.66	56210.49219	56146.82262	56144.79688	503872.1	5411355.4
L43870.0	503872.1	5411356.6	77950.60156	321.26	0	48.855164	-86.947214	56208.16	56246.2	3.77	56211.94	56210.74219	56151.19181	56149.08594	503872.1	5411356.6
L43870.0	503872.1	5411356.6	77950.70313	318.97	0	48.855164	-86.947214	56208.38	56246.2	3.77	56212.15	56210.91797	56153.91426	56151.73047	503872.1	5411356.6
L43870.0	503872.1	5411358.2	77950.79688	319.35	0	48.855179	-86.947214	56208.34	56246.2	3.77	56212.11	56210.84766	56151.68663	56149.42188	503872.1	5411358.2
L43870.0	503872.1	5411359.8	77950.89844	320.63	0	48.855193	-86.947214	56208.54	56246.2	3.76	56212.31	56211.01563	56153.40699	56151.06250	503872.1	5411359.8
L43870.0	503872.1	5411361.0	77951.00000	319.37	0	48.855204	-86.947213	56208.57	56246.2	3.76	56212.33	56211.00781	56151.42023	56148.99609	503872.1	5411361.0
L43870.0	503872.1	5411361.0	77951.10156	322.50	0	48.855204	-86.947213	56208.49	56246.2	3.76	56212.25	56210.89453	56147.17123	56144.66797	503872.1	5411361.0
L43870.0	503872.1	5411363.0	77951.20313	321.43	0	48.855222	-86.947213	56209.13	56246.2	3.76	56212.90	56211.51563	56156.05858	56153.47656	503872.1	5411363.0
L43870.0	503872.1	5411364.8	77951.29688	321.61	0	48.855238	-86.947213	56209.04	56246.2	3.77	56212.81	56211.39453	56150.83725	56148.17578	503872.1	5411364.8
L43870.0	503872.1	5411366.3	77951.39844	322.87	0	48.855251	-86.947213	56209.36	56246.2	3.77	56213.13	56211.68359	56152.84947	56150.11328	503872.1	5411366.3
L43870.0	503872.1	5411366.3	77951.50000	323.85	0	48.855251	-86.947213	56209.82	56246.2	3.77	56213.59	56212.11328	56157.08514	56154.26953	503872.1	5411366.3
L43870.0	503872.1	5411367.8	77951.60156	325.67	0	48.855265	-86.947213	56209.88	56246.2	3.77	56213.65	56212.14063	56153.50922	56150.61719	503872.1	5411367.8
L43870.0	503872.1	5411369.7	77951.70313	324.46	0	48.855282	-86.947213	56210.40	56246.2	3.77	56214.17	56212.63281	56158.09812	56155.13281	503872.1	5411369.7
L43870.0	503872.1	5411369.7	77951.79688	323.44	0	48.855282	-86.947213	56210.87	56246.2	3.78	56214.65	56213.08203	56161.55780	56158.51563	503872.1	5411369.7
L43870.0	503872.2	5411371.1	77951.89844	323.37	0	48.855295	-86.947213	56211.18	56246.2	3.78	56214.95	56213.35156	56161.32694	56158.21094	503872.2	5411371.1
L43870.0	503872.2	5411372.8	77952.00000	321.33	0	48.855310	-86.947213	56211.73	56246.2	3.78	56215.51	56213.88281	56165.50438	56162.31250	503872.2	5411372.8
L43870.0	503872.2	5411372.8	77952.10156	321.17	0	48.855310	-86.947213	56212.09	56246.2	3.78	56215.87	56214.21094	56165.66132	56162.39844	503872.2	5411372.8
L43870.0	503872.2	5411374.3	77952.20313	319.09	0	48.855323	-86.947213	56212.58	56246.2	3.78	56216.36	56214.67188	56167.83443	56164.49609	503872.2	5411374.3
L43870.0	503872.1	5411375.7	77952.20313	318.47	0	48.855336	-86.947213	56213.44	56246.2	3.78	56217.22	56215.50000	56176.29200	56172.88281	503872.1	5411375.7
L43870.0	503872.1	5411375.7	77952.39844	317.72	0	48.855336	-86.947213	56213.63	56246.2	3.78	56217.40	56215.65234	56172.20156	56168.72266	503872.1	5411375.7
L43870.0	503872.2	5411377.3	77952.50000	317.57	0	48.855350	-86.947213	56214.52	56246.2	3.77	56218.29	56216.51172	56180.41554	56176.86328	503872.2	5411377.3
L43870.0	503872.1	5411378.9	77952.60156	317.47	0	48.855365	-86.947213	56214.72	56246.2	3.77	56218.49	56216.68359	56176.08678	56172.46484	503872.1	5411378.9
L43870.0	503872.2	5411380.8	77952.70313	318.57	0	48.855382	-86.947213	56215.75	56246.2	3.77	56219.52	56217.68750	56185.99789	56182.30469	503872.2	5411380.8
L43870.0	503872.2	5411380.8	77952.79688	318.10	0	48.855382	-86.947213	56216.02	56246.2	3.77	56219.79	56217.92578	56182.30245	56178.54297	503872.2	5411380.8
L43870.0	503872.2	5411382.5	77952.89844	318.42	0	48.855397	-86.947213	56216.82	56246.2	3.77	56220.59	56218.69922	56187.50607	56183.67578	503872.2	5411382.5
L43870.0	503872.2	5411384.5	77953.00000	315.62	0	48.855415	-86.947213	56217.35	56246.2	3.77	56221.12	56219.20313	56187.73508	56183.83984	503872.2	5411384.5
L43870.0	503872.2	5411384.5	77953.10156	315.99	0	48.855415	-86.947213	56218.28	56246.2	3.77	56222.05	56220.10156	56194.55252	56190.58984	503872.2	5411384.5
L43870.0	503872.2	5411386.0	77953.20313	317.77	0	48.855428	-86.947212	56218.75	56246.2	3.77	56222.52	56220.54688	56193.18644	56189.15625	503872.2	5411386.0
L43870.0	503872.2	5411387.2	77953.29688	319.18	0	48.855439	-86.947213	56219.55	56246.2	3.77	56223.32	56221.32031	56197.23644	56193.14063	503872.2	5411387.2
L43870.0	503872.2	5411388.6	77953.39844	320.78	0	48.855452	-86.947213	56219.85	56246.2	3.77	56223.63	56221.60156	56192.64067	56188.48047	503872.2	5411388.6
L43870.0	503872.2	5411388.6	77953.50000	321.10	0	48.855452	-86.947213	56221.05	56246.2	3.77	56224.82	56222.76563	56202.99670	56198.76953	503872.2	5411388.6
L43870.0	503872.1	5411390.4	77953.60156	323.84	0	48.855468	-86.947213	56221.52	56246.2	3.78	56225.29	56223.20703	56200.77173	56196.48047	503872.1	5411390.4
L43870.0	503872.1	5411391.7	77953.70313	321.81	0	48.855480	-86.947213	56222.34	56246.2	3.78	56226.12	56224.01172	56204.62494	56200.26953	503872.1	5411391.7
L43870.0	503872.1	5411393.2	77953.79688	318.88	0	48.855493	-86.947213	56222.90	56246.2	3.78	56226.68	56224.54688	56203.66203	56199.24219	503872.1	5411393.2
L43870.0	503872.1	5411393.2	77953.89844	319.97	0	48.855493	-86.947213	56223.83	56246.2	3.78	56227.61	56225.45313	56209.03902	56204.55859	503872.1	5411393.2
L43870.0	503872.1	5411395.1	77954.00000	321.81	0	48.855510	-86.947214	56224.39	56246.2	3.78	56228.17	56225.98438	56207.86558	56203.32031	503872.1	5411395.1
L43870.0	503872.1	5411396.4	77954.10156	321.28	0	48.855522	-86.947214	56225.36	56246.2	3.78	56229.14	56226.92969	56213.79278	56209.18750	503872.1	5411396.4
L43870.0	503872.1	5411396.4	77954.20313	320.75	0	48.855522	-86.947214	56225.97	56246.2	3.78	56229.75	56227.51563	56213.35018	56208.68359	503872.1	5411396.4
L43870.0	503872.1	5411397.9	77954.20313	320.45	0	48.855536	-86.947214	56226.85	56246.2	3.78	56230.63	56228.37109	56217.58310	56212.85547	503872.1	5411397.9
L43870.0	503872.0	5411399.3	77954.29688	320.19	0	48.855548	-86.947214	56227.40	56246.2	3.78	56231.18	56228.89844	56215.99453	56211.20313	503872.0	5411399.3
L43870.0	503872.0	5411400.6	77954.50000	321.44	0	48.855560	-86.947215	56228.12	56246.2	3.78	56231.90	56229.59375	56217.35065	56212.50000	503872.0	5411400.6
L43870.0	503872.0	5411402.2	77954.60156	321.37	0	48.855574	-86.947215	56228.84	56246.2	3.78	56232.62	56230.29297	56218.68448	56213.77344	503872.0	5411402.2
L43870.0	503872.0	5411403.3	77954.70313	322.00	0	48.855584	-86.947215	56229.98	56246.2	3.78	56233.76	56231.40625	56227.28963	56222.31641	503872.0	5411403.3
L43870.0	503872.0	5411404.4	77954.79688	320.72	0	48.855594	-86.947215	56230.39	56246.2	3.78	56234.17	56231.79688	56223.22262	56218.19141	503872.0	5411404.4
L43870.0	503872.0	5411404.4	77954.89844	320.89	0	48.855594	-86.947215	56231.69	56246.2	3.78	56235.47	56233.07422	56234.52946	56229.43750	503872.0	5411404.4
L43870.0	503871.9	5411406.1	77955.00000	318.60	0	48.855609	-86.947216	56232.13	56246.2	3.78	56235.90	56233.48047	56230.84707	56225.69531	503871.9	5411406.1
L43870.0	503871.9	5411406.1	77955.10156	317.78	0	48.855609	-86.947216	56233.05	56246.2	3.78	56236.83	56234.39063	56235.78135	56230.56641	503871.9	5411406.1
L43870.0	503871.9	5411407.5	77955.20313	317.82	0	48.855622	-86.947216	56233.43	56246.2	3.79	56237.22	56234.75781	56231.51276	56226.23828	503871.9	5411407.5
L43870.0	503871.9	5411408.8	77955.29688	316.77	0	48.855634	-86.947216	56234.42	56246.2	3.79	56238.21	56235.72656	56237.54008	56232.20313	503871.9	5411408.8
L43870.0	503871.9	5411410.2	77955.39844	316.15	0	48.855646	-86.947216	56235.16	56246.2	3.79	56238.95	56236.44531	56239.35574	56233.96094	503871.9	5411410.2
L43870.0	503871.9	5411410.2	77955.50000	318.34	0	48.855646	-86.947216	56235.44	56246.2	3.79	56239.23	56236.70703	56233.42302	56227.96484	503871.9	5411410.2
L43870.0	503871.9	5411411.7	77955.60156	319.37	0	48.855660	-86.947216	56236.62	56246.2	3.80	56240.42	56237.87500	56243.03181	56237.51172	503871.9	5411411.7
L43870.0	503871.9	5411413.1	77955.70313	320.21	0	48.855673	-86.947217	56236.82	56246.2	3.80	56240.63	56238.06641	56236.08189	56230.50000	503871.9	5411413.1
L43870.0	503871.9	5411413.1	77955.79688	318.68	0	48.855673	-86.947217	56237.92	56246.2	3.80	56241.72	56239.13672	56244.17473	56238.53125	503871.9	5411413.1
L43870.0	503871.8	5411414.6	77955.89844	317.14	0	48.855685	-86.947217	56238.56	56246.2	3.81	56242.37	56239.76563	56244.89963	56239.19531	503871.8	5411414.6

Line	EASTING	NORTHING	TIME	HEIGHT	LASERALT	LAT	LONG	MAG	BASEMAG	DC	MAGDC	magdc_lev	MAGDC_HT	magdc_ht_lev	EASTING_BAK	NORTHING_BAK
L43870.0	503871.8	5411415.8	77956.00000	316.94	0	48.855696	-86.947217	56239.21	56246.2	3.81	56243.02	56240.39844	56245.73666	56239.96875	503871.8	5411415.8
L43870.0	503871.8	5411415.8	77956.10156	316.16	0	48.855696	-86.947217	56239.84	56246.2	3.81	56243.65	56241.01172	56246.35160	56240.51953	503871.8	5411415.8
L43870.0	503871.8	5411417.0	77956.20313	317.46	0	48.855707	-86.947217	56240.63	56246.2	3.81	56244.43	56241.77344	56249.65479	56243.75781	503871.8	5411417.0
L43870.0	503871.8	5411418.5	77956.20313	319.15	0	48.855721	-86.947217	56241.57	56246.2	3.81	56245.38	56242.70313	56256.00919	56250.04688	503871.8	5411418.5
L43870.0	503871.8	5411419.8	77956.39844	319.75	0	48.855733	-86.947218	56241.64	56246.2	3.81	56245.45	56242.75781	56247.42232	56241.39453	503871.8	5411419.8
L43870.0	503871.8	5411419.8	77956.50000	321.03	0	48.855733	-86.947218	56242.64	56246.2	3.81	56246.45	56243.73828	56254.92282	56248.82422	503871.8	5411419.8
L43870.0	503871.8	5411421.1	77956.60156	321.58	0	48.855745	-86.947218	56242.95	56246.2	3.80	56246.75	56244.02344	56250.54271	56244.37891	503871.8	5411421.1
L43870.0	503871.7	5411422.5	77956.70313	322.29	0	48.855757	-86.947218	56243.64	56246.2	3.80	56247.45	56244.70703	56253.18407	56246.94922	503871.7	5411422.5
L43870.0	503871.7	5411422.5	77956.79688	322.54	0	48.855757	-86.947218	56244.20	56246.2	3.80	56248.00	56245.23828	56253.39410	56247.08984	503871.7	5411422.5
L43870.0	503871.7	5411424.3	77956.89844	320.50	0	48.855773	-86.947219	56244.79	56246.2	3.80	56248.59	56245.81250	56254.44390	56248.07031	503871.7	5411424.3
L43870.0	503871.6	5411425.2	77957.00000	319.39	0	48.855781	-86.947220	56245.38	56246.2	3.80	56249.18	56246.39063	56255.64691	56249.19922	503871.6	5411425.2
L43870.0	503871.6	5411426.0	77957.10156	319.90	0	48.855789	-86.947220	56245.67	56246.2	3.80	56249.47	56246.66406	56251.85990	56245.33984	503871.6	5411426.0
L43870.0	503871.6	5411426.0	77957.20313	318.62	0	48.855789	-86.947220	56246.73	56246.2	3.80	56250.53	56247.70703	56261.42415	56254.82813	503871.6	5411426.0
L43870.0	503871.6	5411426.9	77957.29688	317.56	0	48.855797	-86.947220	56246.62	56246.2	3.81	56250.43	56247.59375	56251.30392	56244.63281	503871.6	5411426.9
L43870.0	503871.6	5411428.2	77957.39844	317.77	0	48.855808	-86.947221	56247.72	56246.2	3.81	56251.53	56248.67969	56261.82697	56255.07813	503871.6	5411428.2
L43870.0	503871.6	5411428.2	77957.50000	318.41	0	48.855808	-86.947221	56247.82	56246.2	3.81	56251.63	56248.76563	56255.48157	56248.65234	503871.6	5411428.2
L43870.0	503871.5	5411429.3	77957.60156	320.51	0	48.855818	-86.947221	56248.69	56246.2	3.81	56252.50	56249.62109	56262.36286	56255.45313	503871.5	5411429.3
L43870.0	503871.5	5411430.6	77957.70313	318.53	0	48.855830	-86.947221	56248.83	56246.2	3.81	56252.64	56249.74609	56257.05930	56250.06641	503871.5	5411430.6
L43870.0	503871.5	5411430.6	77957.79688	315.82	0	48.855830	-86.947221	56249.40	56246.2	3.82	56253.21	56250.30469	56259.17838	56252.10156	503871.5	5411430.6
L43870.0	503871.5	5411431.6	77957.89844	317.65	0	48.855839	-86.947222	56249.63	56246.2	3.82	56253.45	56250.53125	56255.92262	56248.76172	503871.5	5411431.6
L43870.0	503871.4	5411432.8	77958.00000	316.93	0	48.855850	-86.947222	56250.07	56246.2	3.82	56253.89	56250.95703	56256.18792	56248.94141	503871.4	5411432.8
L43870.0	503871.4	5411432.8	77958.10156	318.72	0	48.855850	-86.947222	56250.85	56246.2	3.82	56254.67	56251.72656	56262.27678	56254.94141	503871.4	5411432.8
L43870.0	503871.4	5411434.6	77958.20313	318.10	0	48.855866	-86.947223	56251.24	56246.2	3.82	56255.06	56252.10156	56262.01851	56254.58984	503871.4	5411434.6
L43870.0	503871.4	5411434.6	77958.20313	317.63	0	48.855866	-86.947223	56251.83	56246.2	3.82	56255.65	56252.67969	56265.24318	56257.72266	503871.4	5411434.6
L43870.0	503871.3	5411435.7	77958.39844	318.28	0	48.855876	-86.947224	56252.06	56246.2	3.82	56255.88	56252.89844	56262.64576	56255.03125	503871.3	5411435.7
L43870.0	503871.3	5411435.7	77958.50000	319.32	0	48.855876	-86.947224	56252.78	56246.2	3.82	56256.60	56253.60938	56268.34204	56260.63281	503871.3	5411435.7
L43870.0	503871.3	5411436.8	77958.60156	321.46	0	48.855885	-86.947224	56253.11	56246.2	3.82	56256.93	56253.92578	56267.72035	56259.91016	503871.3	5411436.8
L43870.0	503871.2	5411437.8	77958.70313	320.72	0	48.855895	-86.947225	56253.53	56246.2	3.82	56257.35	56254.33594	56268.74892	56260.83984	503871.2	5411437.8
L43870.0	503871.2	5411438.7	77958.79688	318.08	0	48.855902	-86.947225	56253.70	56246.2	3.82	56257.51	56254.48438	56265.59972	56257.58984	503871.2	5411438.7
L43870.0	503871.2	5411438.7	77958.89844	319.52	0	48.855902	-86.947225	56254.02	56246.2	3.82	56257.84	56254.80469	56265.42478	56257.30859	503871.2	5411438.7
L43870.0	503871.2	5411439.5	77959.00000	318.27	0	48.855910	-86.947226	56254.56	56246.2	3.82	56258.38	56255.33203	56268.90838	56260.68750	503871.2	5411439.5
L43870.0	503871.1	5411440.4	77959.10156	319.92	0	48.855918	-86.947226	56254.94	56246.2	3.82	56258.76	56255.70313	56269.86677	56261.53516	503871.1	5411440.4
L43870.0	503871.1	5411440.4	77959.20313	323.28	0	48.855918	-86.947226	56255.14	56246.2	3.82	56258.96	56255.89063	56267.94152	56259.50000	503871.1	5411440.4
L43870.0	503871.1	5411441.5	77959.29688	320.03	0	48.855928	-86.947227	56255.18	56246.2	3.82	56259.00	56255.92188	56263.44661	56254.89063	503871.1	5411441.5
L43870.0	503871.1	5411442.4	77959.39844	319.23	0	48.855936	-86.947227	56255.78	56246.2	3.82	56259.59	56256.50391	56268.35493	56259.68359	503871.1	5411442.4
L43870.0	503871.1	5411442.4	77959.39844	317.85	0	48.855936	-86.947227	56256.20	56246.2	3.82	56260.01	56256.91406	56270.53486	56261.74609	503871.1	5411442.4
L43870.0	503871.0	5411443.3	77959.60156	317.19	0	48.855944	-86.947228	56256.52	56246.2	3.81	56260.33	56257.22266	56271.15390	56262.24609	503871.0	5411443.3
L43870.0	503871.0	5411444.2	77959.60156	317.56	0	48.855952	-86.947228	56256.55	56246.2	3.81	56260.36	56257.24219	56266.99105	56257.96094	503871.0	5411444.2
L43870.0	503871.0	5411444.2	77959.70313	320.55	0	48.855952	-86.947228	56257.01	56246.2	3.81	56260.82	56257.69531	56270.22660	56261.07031	503871.0	5411444.2
L43870.0	503870.9	5411445.4	77959.79688	321.09	0	48.855963	-86.947229	56257.34	56246.2	3.81	56261.15	56258.01563	56271.38200	56262.10156	503870.9	5411445.4
L43870.0	503870.9	5411445.9	77960.00000	320.28	0	48.855967	-86.947229	56257.57	56246.2	3.81	56261.38	56258.23828	56270.96802	56261.55859	503870.9	5411445.9
L43870.0	503870.9	5411446.8	77960.00000	317.12	0	48.855975	-86.947230	56257.93	56246.2	3.81	56261.74	56258.58984	56272.85699	56263.31641	503870.9	5411446.8
L43870.0	503870.9	5411446.8	77960.20313	318.81	0	48.855975	-86.947230	56258.08	56246.2	3.82	56261.89	56258.73047	56271.33526	56261.66016	503870.9	5411446.8
L43870.0	503870.8	5411447.5	77960.20313	317.69	0	48.855982	-86.947230	56258.16	56246.2	3.82	56261.97	56258.80078	56268.77648	56258.96484	503870.8	5411447.5
L43870.0	503870.8	5411448.2	77960.39844	318.95	0	48.855988	-86.947230	56258.11	56246.2	3.82	56261.93	56258.75391	56264.37213	56254.42188	503870.8	5411448.2
L43870.0	503870.8	5411448.2	77960.50000	322.07	0	48.855988	-86.947230	56258.39	56246.2	3.82	56262.22	56259.03516	56265.56821	56255.47656	503870.8	5411448.2
L43870.0	503870.8	5411449.0	77960.60156	321.83	0	48.855995	-86.947231	56258.62	56246.2	3.83	56262.44	56259.24609	56265.72102	56255.48828	503870.8	5411449.0
L43870.0	503870.8	5411449.7	77960.70313	323.84	0	48.856001	-86.947231	56259.13	56246.2	3.83	56262.96	56259.75781	56270.86701	56260.48828	503870.8	5411449.7
L43870.0	503870.8	5411450.3	77960.79688	319.21	0	48.856007	-86.947231	56259.18	56246.2	3.83	56263.01	56259.80078	56268.46635	56257.94141	503870.8	5411450.3
L43870.0	503870.8	5411451.0	77960.89844	320.24	0	48.856014	-86.947231	56259.31	56246.2	3.84	56263.15	56259.93359	56267.65464	56256.98047	503870.8	5411451.0
L43870.0	503870.8	5411451.0	77961.00000	320.29	0	48.856014	-86.947231	56259.58	56246.2	3.84	56263.42	56260.19531	56269.04119	56258.21484	503870.8	5411451.0
L43870.0	503870.7	5411451.6	77961.10156	318.73	0	48.856019	-86.947231	56259.79	56246.2	3.84	56263.63	56260.39844	56269.57113	56258.58984	503870.7	5411451.6
L43870.0	503870.7	5411452.2	77961.20313	317.38	0	48.856024	-86.947232	56260.15	56246.2	3.84	56263.99	56260.75000	56272.57724	56261.44141	503870.7	5411452.2
L43870.0	503870.7	5411452.8	77961.29688	316.27	0	48.856029	-86.947232	56260.13	56246.2	3.84	56263.96	56260.71484	56268.95636	56257.66406	503870.7	5411452.8
L43870.0	503870.7	5411452.8	77961.39844	316.15	0	48.856029	-86.947232	56260.61	56246.2	3.84	56264.44	56261.18750	56276.93503	56265.48047	503870.7	5411452.8
L43870.0	503870.7	5411453.5	77961.50000	316.16	0	48.856036	-86.947232	56260.79	56246.2	3.83	56264.63	56261.36719	56277.82186	56266.20703	503870.7	5411453.5
L43870.0	503870.7	5411454.1	77961.60156	315.91	0	48.856041	-86.947232	56260.94	56246.2	3.83	56264.77	56261.50000	56277.61725	56265.83594	503870.7	5411454.1
L43870.0	503870.7	5411454.1	77961.70313	316.35	0	48.856041	-86.947232	56261.27	56246.2	3.83	56265.10	56261.82422	56282.25365	56270.30859	503870.7	5411454.1
L43870.0	503870.7	5411454.6	77961.79688	315.53	0	48.856046	-86.947232	56261.02	56246.2	3.83	56264.86	56261.57813	56272.96566	56260.85156	503870.7	5411454.6
L43870.0	503870.7	5411455.3	77961.89844	316.36	0	48.856052	-86.947232	56261.19	56246.2	3.83	56265.02	56261.73047	56273.70014	56261.41797	503870.7	5411455.3
L43870.0	503870.7	5411455.3	77962.00000	316.68	0	48.856052	-86.947232	56261.04	56246.2	3.83	56264.87	56261.57422	56266.90954	56254.45703	503870.7	5411455.3
L43870.0	503870.7	5411455.3	77962.10156	319.48	0	48.856052	-86.947232	56261.22	56246.2	3.83	56265.05	56261.74609	56268.41816	56255.78906	503870.7	5411455.3
L43870.0	503870.7	5411456.0	77962.20313	315.38	0	48.856058	-86.947232	56261.44	56246.2	3.83	56265.27	56261.96094	56271.07724	56258.27344	503870.7	5411456.0
L43870.0	503870.7	5411456.4	77962.20313	318.94	0	48.856062	-86.947232	56261.43	56246.2	3.83	56265.26	56261.94141	56270.46365	56257.48438	503870.7	5411456.4
L43870.0	503870.7	5411457.0	77962.39844	316.98	0	48.856067	-86.947232	56261.39	56246.2	3.83	56265.22	56261.89453	56268.46722	56255.30859	503870.7	5411457.0
L43870.0	503870.7	5411457.6	77962.50000	319.22	0	48.856072	-86.947231	56261.71	56246.2	3.83	56265.54	56262.21094	56272.30386	56258.96875	503870.7	5411457.6
L43870.0	503870.7	5411457.6	77962.60156	321.05	0	48.856072	-86.947231	56261.72	56246.2	3.83	56265.55	56262.21484	56271.31449	56257.79688	503870.7	5411457.6
L43870.0	503870.8	5411457.9	77962.70313	319.59	0	48.856076	-86.947231	56261.96	56246.2	3.83	56265.79	56262.44531	56274.14244	56260.44141	503870.8	5411457.9
L43870.0	503870.8	5411458.3	77962.79688	320.17	0	48.856079	-86.947231	56262.20	56246.2	3.83	56266.03	56262.67969	56277.11718	56263.23438	503870.8	5411458.3
L43870.0	503870.8	5411458.3	77962.89844	316.52	0	48.856079	-86.947231	56262.16	56246.2	3.83	56265.99	56262.63281	56275.64381	56261.57422	503870.8	5411458.3
L43870.0	503870.8	5411458.7	77963.00000	315.45	0	48.856083	-86.947231	56262.29	56246.2	3.83	56266.12	56262.75781	56277.06305	56262.80859	503870.8	5411458.7
L43870.0	503870.8	5411459.1	77963.10156	317.51	0	48.856086	-86.947231	56261.98	56246.2	3.83	56265.82	56262.44922	56271.45632	56257.01563	503870.8	5411459.1
L43870.0	503870.8	5411459.3	77963.20313	317.47	0	48.856088	-86.947231	56262.06	56246.2	3.83	56265.90	56262.52344	56272.23845	56257.60938	503870.8	5411459.3
L43870.0	503870.8	5411459.3	77963.29688	319.65	0	48.856088	-86.947231	56262.31	56246.2	3.84	56266.15	56262.76953	56275.98381	56261.16406	503870.8	5411459.3
L43870.0	503870.8	5411459.6	77963.39844	320.35	0	48.856091	-86.947230	56262.27	56246.2	3.84	56266.10	56262.71094	56274.80839	56259.79688	503870.8	5411459.6
L43870.0	503870.8	5411459.9	77963.50000	320.35	0	48.856093	-86.947230	56262.24	56246.2	3.84	56266.08	56262.68359	56274.23316	56259.03125	503870.8	5411459.9
L43870.0	503870.8	5411459.9	77963.60156	320.11	0	48.856093	-86.947230	56262.37	56246.2	3.84	56266.21	56262.80859	56276.29556	56260.90234	503870.8	5411459.9
L43870.0	503870.8	5411460.1	77963.70313	315.82	0	48.856095	-86.947230	56262.48	56246.2	3.84	56266.33	56262.92188	56278.29734	56262.71094	503870.8	5411460.1
L43870.0	503870.8	5411460.3	77963.79688	318.67	0	48.856097	-86.947230	56262.60	56246.2	3.85	56266.44	56263.02734	56280.23514	56264.45703	503870.8	5411460.3
L43870.0	503870.9	5411460.5	77963.89844	320.60	0	48.856098	-86.947230	56262.63	56246.2	3.85	56266.47	56263.05078	56280.91758	56264.94531	503870.9	5411460.5
L43870.0	503870.9	5411460.5	77964.00000	320.60	0	48.856098	-86.947230	56262.68	56246.2	3.85	56266.53	56263.10547	56282.20968	56266.04688	503870.9	5411460.5
L43870.0	503870.9	5411460.6	77964.10156	320.80	0	48.856099	-86.947230	56262.78	56246.1	3.85	56266.63	56263.19922	56284.28068	56267.92188	503870.9	5411460.6
L43870.0	503870.9	5411460.7	77964.20313	321.83	0	48.856100	-86.947229	56262.75	56246.1	3.85	56266.60	56263.16016	56284.24274	56267.69141	503870.9	5411460.7
L43870.0	503870.9	5411460.7	77964.20313	320.88	0	48.856100	-86.947229	56262.73	56246.1	3.85	56266.58	56263.13672	56284.47431	56267.72656	503870.9	5411460.7
L43870.0	503870.9	5411460.8	77964.29688	319.18	0	48.856101	-86.947229	56262.88	56246.1	3.85	56266.73	56263.27734	56287.69148	56270.75000	503870.9	5411460.8

Appendix 2: Invoices Supporting Expenditure